Prüfbericht-Nr.: *Test report no.:*	**CN25EVSA 001**	**Auftrags-Nr.:** *Order no.:*	27200551	Seite 1 von 49 *Page 1 of 49*
Kunden-Referenz-Nr.: *Client reference no.:*	N/A	**Auftragsdatum:** *Order date:*	2025-01-05	
Auftraggeber: *Client:*	**Edifier International Limited** P.O. Box 6264 General Post Office, Hong Kong			
Prüfgegenstand: *Test item:*	Active Speaker			
Bezeichnung / Typ-Nr.: *Identification / Type no.:*	EDF100011, R1280DBs (Trademark: EDIFIER)			
Auftrags-Inhalt: *Order content:*	Type test			
Prüfgrundlage: *Test specification:*	EN 300 328 V2.2.2 (2019-07) EN 301 489-1 V2.2.3 (2019-11) EN 301 489-17 V3.3.1 (2024-09) EN 55032:2015+A11:2020 EN 55035:2017+A11:2020 EN IEC 61000-3-2:2019+A1 EN 61000-3-3:2013+A2 EN 62479:2010 EN 62368-1:2014+A11:2017		ETSI EN 300 328 V2.2.2 (2019-07) ETSI EN 301 489-1 V2.2.3 (2019-11) ETSI EN 301 489-17 V3.3.1 (2024-09) BS EN 55032:2015+A11:2020 BS EN 55035:2017+A11:2020 BS EN IEC 61000-3-2:2019+A1 BS EN 61000-3-3:2013+A2 BS EN 62479:2010 BS EN 62368-1:2014+A11:2017	

Wareneingangsdatum: *Date of sample receipt:*	2025-11-04
Prüfmuster-Nr.: *Test sample no.:*	S25092202-005, S25101023-005
Prüfzeitraum: *Testing period:*	2025-11-04 – 2025-11-24
Ort der Prüfung: *Place of testing:*	Guangdong Dongdian Testing Service Co.,Ltd.
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.
Prüfergebnis*: *Test result*:*	Pass



geprüft von: *tested by:*	x Signed by: Harry W. C. Wu	**genehmigt von:** *authorized by:*	x Signed by: Alex Lan
Datum: *Date:* 2026-02-04		**Ausstellungsdatum:** *Issue date:* 2026-02-04	
Stellung / Position	Project Manager	**Stellung** / Position	Authorizer
Stellung / Position:	Sachverständige(r)/Expert	**Stellung** / Position:	Sachverständige(r)/Expert

Sonstiges / *Other:*	This test report is based on original test report 60432407 001 ~ 002 add an alternative power board, add an alternative supply connection (AC inlet and detachable supply cord), add a model No. and upgrade test standard EN 301 489-17, all EMC items and Radiated Spurious Emissions of Radio Spectrum were arranged retest after engineering judgement and other test data are copy from original test report. This report is for Article 3.2 Radio Spectrum, Article 3.1b EMC and Article 3.1a Health requirements only. Refer to TÜV Rheinland report CN21ZQ6N 002 for details of Article 3.1a Electrical Safety requirements.
Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:*	Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged*

* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* *Legend:*	*P(ass) = passed a.m. test specification(s)*	*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.
This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. *The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system.* *Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.*
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Test Summary

5.1.1 RF OUTPUT POWER
RESULT: Pass

5.1.2 DUTY CYCLE, TX-SEQUENCE, TX-GAP
RESULT: Not applicable

5.1.3 ACCUMULATED TRANSMIT TIME, FREQUENCY OCCUPATION AND HOPPING SEQUENCE
RESULT: Pass

5.1.4 HOPPING FREQUENCY SEPARATION
RESULT: Pass

5.1.5 MEDIUM UTILISATION (MU) FACTOR
RESULT: Not applicable

5.1.6 ADAPTIVITY
RESULT: Pass

5.1.7 OCCUPIED CHANNEL BANDWIDTH
RESULT: Pass

5.1.8 TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN
RESULT: Pass

5.1.9 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN
RESULT: Pass

5.2.1 RECEIVER SPURIOUS EMISSIONS
RESULT: Pass

5.2.2 RECEIVER BLOCKING
RESULT: Pass

5.2.3 GEO-LOCATION CAPABILITY
RESULT: Not applicable

5.3.1 HARMONICS CURRENT EMISSION ON AC MAINS PORT
RESULT: Pass

5.3.2 VOLTAGE FLUCTUATIONS AND FLICKER ON AC MAINS
RESULT: Pass

5.3.3 CONDUCTED EMISSIONS
RESULT: Pass

5.3.4 RADIATED EMISSIONS
RESULT: Pass

5.3.5 ELECTROSTATIC DISCHARGES (ESD)
RESULT: Pass

5.3.6 RADIO FREQUENCY ELECTROMAGNETIC FIELD (RS)
RESULT: Pass

5.3.8 FAST TRANSIENTS (EFT)
RESULT: Pass

5.3.9 SURGE
RESULT: Pass

5.3.10 RADIO-FREQUENCY CONTINUOUS CONDUCTED (CS)
RESULT: Pass

5.3.11 VOLTAGE DIPS AND INTERRUPTIONS
RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: *Pass*

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Radio Spectrum.

Appendix B: Test Results of EMC.

2 Test Sites

2.1 Test Facilities

Guangdong Dongdian Testing Service Co.,Ltd.
Unit 2, Building 1, No.17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

CNAS No.: L6451

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

☒ RF Connected Test				
Equipment	Manufacturer	Model No.	Serial Number	Due Date
SIGNAL ANALYZER	R&S	FSQ26	101272	2026/03/28
Wideband Radio Communication Tester	R&S	CMW500	120259	2026/03/28
MXG Vector Signal Generator	KEYSIGHT	N5182B	MY59100192	2026/03/28
MXG Vector Signal Generator	Agilent	N5182A	MY19060405	2026/03/28
RF Control Unit	Tonscend	JS0806-2	158060010	2026/03/28
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

☒ RF Radiated Test				
Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

Flicker

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
Harmonics&Flicker Analyzer	emtest	DPA503N	DDT-ZC04145	2026-10-19	2025-10-20
Flicker impedance	AMETEK CTS	AIF 503N32.4	DDT-ZC04558	2026-10-19	2025-10-20
NET.CONTROL	EM TEST	N/A	DDT-ZC00795	/	/
Electronic Power Source	emtest	NetWave 20-400	DDT-ZC04144	2026-03-28	2025-03-29

Conducted emissions at AC mains power ports

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
EMI Test Receiver	R&S	ESCI	DDT-ZC01972	2026-03-28	2025-03-29
Two Line V-Network	R&S	ENV216	DDT-ZC00586	2026-07-06	2025-07-07
Pulse Limiter	R&S	KH43101	DDT-ZC00747	2026-03-28	2025-03-29
Coaxial signal signal cable	H&S	RG214-5	DDT-ZC01817	2026-03-28	2025-03-29
Condected Radiated Software	Audix	E3	DDT-ZC00562	/	/
Two Line V-Network	R&S	ENV216	DDT-ZC02058	2026-07-06	2025-07-07

Radiated emissions test
2#3m chamber

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
EMI Test Receiver	R&S	ESCI 3	DDT-ZC01972	2026-03-28	2025-03-29
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026-08-18	2025-08-19
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC00246	2026-07-18	2025-07-19
RF Cable	H&S	RG214-11	DDT-ZC01497	2026-03-28	2025-03-29
EMI Test Software	Audix/TW	e3	DDT-ZC01252	/	/
Horn Antenna	SCHWARZBECK	BBHA9120 D	DDT-ZC01218	2026-08-13	2025-08-14
Preamplifier	COM-POWER	PAM-118A	DDT-ZC01489	2026-08-10	2025-08-11
Spectrum Analyzer	Agilent	E4440A	DDT-ZC01445	2026-03-28	2025-03-29
RF cable	Zhongke Junchuang	JCTB810-NJ-NJ-7M	DDT-ZC02759	2026-07-22	2025-07-23

Electrostatic discharge (ESD)

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
ESD Generator	TESEQ AG	NSG 437	DDT-ZC00247	2026-08-15	2025-08-16

Radio Frequency Electromagnetic Fields (RS)

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
MXG Vector Signal Generator	Agilent	N5182A	DDT-ZC00239	2026-07-06	2025-07-07
Power meter	Agilent	E4417A	DDT-ZC00934	2026-07-06	2025-07-07
Power sensor	Agilent	E9323A	DDT-ZC00938	2026-08-10	2025-08-11
Power sensor	Agilent	E9323A	DDT-ZC00939	2026-08-10	2025-08-11
Electric Field Sensors	DARE Instruments	CTR1001S	DDT-ZC02865	2025-11-03	2024-11-04
Power Amplifier	Wonder	HPA80M1000 M500	DDT-ZC00940	2026-07-06	2025-07-07
Power Amplifier	Wonder	HPA1000M25 00M300	DDT-ZC00941	2026-07-06	2025-07-07
Power Amplifier	Wonder	HPA2500M60 00M200	DDT-ZC00942	2026-07-06	2025-07-07
RS Test Software	SKET	EMC-S	DDT-ZC01455	/	/
Log-Periodic Antenna	schwarzbeck	STLP 9129	DDT-ZC04673	2026-10-19	2025-10-20
Audio Analyzer	R&S	UPL	DDT-ZC04520	2026-10-19	2025-10-20

Electrical fast transients(EFT)

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
EFT Generator	EMC Partner	TRA3000F	DDT-ZC00546	2026-03-28	2025-03-29
Coupling Clamp EFT	EMC Partner	CN-EFT1000	DDT-ZC00547	2026-03-28	2025-03-29

Surge

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
Lightning surge generator	SHANGHAI LIONCEL	LSG-512CB	DDT-ZC01536	2026-08-11	2025-08-12
Surge three-phase decoupling network	SHANGHAI LIONCEL	DN-533P	DDT-ZC01538	2026-08-11	2025-08-12
Surge three-phase coupling network	SHANGHAI LIONCEL	CN-533P	DDT-ZC01537	2026-08-11	2025-08-12
EMS test control system	SHANGHAI LIONCEL	SCU-614A	DDT-ZC01535	/	/
Surge three-phase coupling network decoupling network	SHANGHAI LIONCEL	CDN-5310P	DDT-ZC01539	2026-08-11	2025-08-12

Voltage Dips and Interruptions Test

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
EFT Generator	EMC Partner	TRA3000F	DDT-ZC00546	2026-03-28	2025-03-29
DIPS TESTER	EMC Partner	EXT-TRA3000D	DDT-ZC00548	2026-03-28	2025-03-29

Radio-frequency continuous conducted (CS)

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
Conducted Immunity Tester	FRANKONIA	CIT-10	DDT-ZC00551	2026-03-28	2025-03-29
CDN	SCHWARZBECK	CDN M2/M3PE 16A	DDT-ZC01558	2026-07-06	2025-07-07
Attenuation	BIRD	DAM75W (6dB)	DDT-ZC00555	2026-07-06	2025-07-07
EM Clamp	FRANKONIA	EMCL	DDT-ZC00556	2026-08-10	2025-08-11
CDN	SHANGHAI LIONCEL	CDN-M3-32	DDT-ZC01540	2026-07-06	2025-07-07
Test Software	FRANKONIA	IEC/EN61000-4-6	DDT-ZC00564	/	/
CS Test Software	SKET	EMC-S	DDT-ZC01429	/	/
CDN	FRANKONIA	CDNT8	DDT-ZC00553	2026-07-06	2025-07-07
Audio Analyzer	R&S	UPL16	DDT-ZC00245	2026-03-28	2025-03-29

Auxiliary Equipment

Equipment Name	Manufacturer	Model	Equipment No.	Cal. Due to	Cal. Date
Audio Analyzer	R&S	UPV	DDT-ZC01246	2026-07-06	2025-07-07
Wideband Radio Communicatio n Tester	R&S	CMW500	120259	2026-03-28	2025-03-29

2.3 Uncertainty of Measurement

The value of the measurement uncertainty of each parameter is listed as below:

Table 2: Maximum Measurement Uncertainty

RF:

Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies Stability	6.7 x 10^{-8} (Antenna couple method)
	5.5 x 10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.40 dB (3.6 GHz ≤ f < 8 GHz)
	1.66 dB (8 GHz ≤ f < 26.5 GHz)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 ℃
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

EMC:

Test Item	Uncertainty
Conducted disturbance at mains terminals	1#: 3.72dB (9 kHz to 150 kHz), 3.34dB (150 kHz to 30 MHz)
	2#: 3.75dB (9 kHz to 150 kHz), 3.39dB (150 kHz to 30 MHz)
	3#: 3.78dB (9 kHz to 150 kHz), 3.37dB (150 kHz to 30 MHz)
Uncertainty for radiation emission test (30 MHz-1 GHz)	1#: 4.94 dB (Antenna Polarize: V) 4.68 dB (Antenna Polarize: H)
	2#: 4.94 dB (Antenna Polarize: V) 4.68 dB (Antenna Polarize: H)
	3#: 4.96 dB (Antenna Polarize: V) 4.98 dB (Antenna Polarize: H)
	10m: 4.48 dB (Antenna Polarize: V) 4.64 dB (Antenna Polarize: H)
Uncertainty for radiation disturbance test (1 GHz to 6 GHz)	1#: 4.10 dB (1-6 GHz)
	3#: 4.54 dB (1-6 GHz)
Uncertainty for Flicker test	0.2%
Uncertainty for Harmonic test	5%
Uncertainty for Electrostatic discharge	Rise time: 4% Peak current: 3.1% Current at 30 ns: 3.1% Current at 60 ns: 3.1%
Uncertainty for Surge	Peak of the open-circuit voltage impulse: 3% Front time of the open-circuit voltage impulse: 5% Width of the open-circuit voltage impulse: 5% Peak of the short-circuit current impulse: 2.7% Front time of the short-circuit current impulse: 5% Duration of the short-circuit current impulse: 3%
Uncertainty for Electrical fast transients	Voltage rise time: 3.7% Peak voltage value: 3.4% Voltage pulse width: 3.7%
Uncertainty for Continuous conducted disturbances	0.25dB
Uncertainty for Continuous radio frequency disturbances	1.12dB
Uncertainty for Power-frequency magnetic fields	10%
Uncertainty for Voltage dips and interruptions	3.7%
Temperature	0.4 ℃
Humidity	2%
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3 General Product Information

3.1 Product Function and Intended Use

The EUTs are an Active Speaker with speaker and remote control. It supports Bluetooth function used for audio entertainment in house or similar environment.
Two models are identical except the model number different.

Manufacturer: Beijing Edifier Technology Co., Ltd.
Address: 815, Floor 8, Shuangqiao Building, No.68, North Fourth Ring West Road, Haidian District, 100080 Beijing, P.R. China

Factory: Dongguan Edifier Technology Co., Ltd.
Address: No.2 Gongyedong Road, Songshan Lake Sci.&Tech. Industry Park, Dongguan, 523808 Guangdong, P.R. China

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	Active Speaker
Type Designation	EDF100011, R1280DBs
Trade Mark	EDIFIER
Operating Voltage	AC 100-240V, 50/60Hz, 300mA
Technical Specification of Bluetooth (BDR & EDR)	
Operating Frequency band	2402 – 2480 MHz
Channel Number	79 channels
Channel separation	1MHz
Extreme Temperature Range	0ºC to +35ºC
Modulation	GFSK, π/4DQPSK, 8DPSK
Antenna Type	Internal Antenna
Antenna Gain	2.59 dBi(Provide by the Client)

Table 4: RF Channel and Frequency of Bluetooth (BDR & EDR)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	**2402.00**	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	**78**	**2480.00**
19	2421.00	**39**	**2441.00**	59	2461.00		

3.3 Independent Operation Modes

The basic operation modes are:

A. On, Bluetooth mode (BDR & EDR)
   1. Transmitting mode
      a. Low channel
      b. Middle channel
      c. High channel
   2. Receiving mode
      a. Low channel
      d. Middle channel
      b. High channel

B. On, Bluetooth playing
C. On, Line in 1
D. On, Line in 2
E. On, Optical in
F. On, Coaxial in
G. On, Sub out
H. Off

3.4 Noise Generating and Noise Suppressing Parts

For details refer to the Circuit Diagram.

3.5 Submitted Documents

- Block Diagram
- Schematics
- Rating Label
- User Manual

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Immunity: The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 and chapter 7.

According to clause 3.1, all test were applied on model EDF100011.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Assistant equipment	Manufacturer	Model number	Description	other
Mobile Phone	Apple	MQ6K2CH/A	/	/
DVD Player	PIONEER	BDP-4110	/	/
Mobile Phone	HUAWEI	HMA-AL00	/	/
Mobile Phone	HUAWEI	HMA-AL00	/	/
Mobile Phone	Apple	MTLD3CH/A	/	/
Adapter	HUAWEI	HW-100400C01	/	/
Mobile Phone	HUAWEI	VOG-AL00	/	/
Fiber coaxial converter	PERESAL	A2D	/	/

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

5 Test Results ERM

5.1 Transmitter Requirement & Test Suites

5.1.1 RF Output Power

RESULT: **Pass**

Test Specification		
Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.2 of EN 300 328
Limit	:	Clause 4.3.1.2.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328
Test Setup		
Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal and extreme temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.2 Duty Cycle, TX-sequence, TX-gap

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.3 of EN 300 328
Limit	:	Clause 4.3.1.3.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328

Exemption Conditions:

☒ These requirements apply to non-adaptive frequency hopping equipment or to adaptive frequency hopping equipment operating in non-adaptive mode.

☒These requirements apply to non-adaptive equipment or to adaptive equipment when operating in a non-adaptive mode. The equipment is using wide band modulations other than FHSS.

Conclusion:

The EUT is adaptive equipment and does not support non-adaptive mode, hence this requirement is not applicable.

5.1.3 Accumulated Transmit Time, Frequency Occupation and Hopping Sequence

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.4 of EN 300 328
Limit	:	Clause 4.3.1.4.3 of EN 300 328
Test suites	:	Clause 5.4.4 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.4 Hopping Frequency Separation

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.5 of EN 300 328
Limit	:	Clause 4.3.1.5.3 of EN 300 328
Test suites	:	Clause 5.4.5 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.5 Medium Utilisation (MU) Factor

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.6 of EN 300 328
Limit	:	Clause 4.3.1.6.3 of EN 300 328
Test suites	:	Clause 5.4.2 of EN 300 328

Exemption Conditions:

☒ This requirement does not apply to adaptive equipment unless operating in a non-adaptive mode.

Conclusion:

The EUT is adaptive equipment and does not support non-adaptive mode, hence this requirement is not applicable.

5.1.6 Adaptivity

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.7.2 of EN 300 328
Limit	:	Clause 4.3.1.7.2.2 of EN 300 328
Test suites	:	Clause 5.4.6 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.7 Occupied Channel Bandwidth

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.8 of EN 300 328
Limit	:	Clause 4.3.1.8.3 of EN 300 328
Test suites	:	Clause 5.4.7 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.8 Transmitter Unwanted Emissions in the Out-of-band Domain

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.9 of EN 300 328
Limit	:	Clause 4.3.1.9.3 of EN 300 328
Test suites	:	Clause 5.4.8 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.1.9 Transmitter Unwanted Emissions in the Spurious Domain

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.10 of EN 300 328
Limit	:	Clause 4.3.1.10.3 of EN 300 328
Test suites	:	Clause 5.4.9 of EN 300 328

Test Setup

Date of testing	:	07.11.2025
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A1
Ambient temperature	:	22.3 ℃
Relative humidity	:	54.4 %
Atmospheric pressure	:	100.1 kPa

For the measurement records, refer to the appendix A.

5.2 Receiver Requirement & Test Suites

5.2.1 Receiver Spurious Emissions

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.11 of EN 300 328
Limit	:	Clause 4.3.1.11.3 of EN 300 328
Test suites	:	Clause 5.4.10 of EN 300 328

Test Setup

Date of testing	:	07.11.2025
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A2
Ambient temperature	:	22.3 ℃
Relative humidity	:	54.4 %
Atmospheric pressure	:	100.1 kPa

For the measurement records, refer to the appendix A.

5.2.2 Receiver Blocking

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.12 of EN 300 328
Limit	:	Clause 4.3.1.12.4 of EN 300 328
Test suites	:	Clause 5.4.11 of EN 300 328

Test Setup

Date of testing	:	09.12.2020
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A2
Ambient temperature	:	23.8 ℃
Relative humidity	:	46 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix A.

5.2.3 Geo-location Capability

RESULT: **Not applicable**

Test Specification

Test standard	:	EN 300 328 V2.2.2
Test requirement	:	Clause 4.3.1.13 of EN 300 328

Exemption Conditions:

This requirement only applies to equipment with geo-location capability as defined in clause 4.3.1.13.2.

Conclusion:

The EUT is adaptive equipment and does not support geo-location capability, hence this requirement is not applicable.

5.3 Test Results of EMC Requirement

5.3.1 Harmonics Current Emission on AC Mains port

RESULT: **Pass**

Test Specification		
Test standard	:	EN 301 489-17 V3.3.1
Basic standard	:	EN 301 489-1 V2.2.3
		EN IEC 61000-3-2: 2019 + A1
Test requirement	:	Clause 8.5 of EN 301 489-1 V2.2.3
Measured harmonics	:	2 - 40
Classification	:	Class A
Limit	:	Table 1 of EN IEC 61000-3-2: 2019+A1
Test Setup		
Date of testing	:	06.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Test ports	:	AC mains terminals
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	24.0 ℃
Relative humidity	:	48.0 %
Atmospheric pressure	:	101.0 kPa

For the measurement records, refer to the appendix B. (Only the worst case were recorded)

5.3.2 Voltage Fluctuations and Flicker on AC Mains

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-17 V3.3.1
Basic standard	:	EN 301 489-1 V2.2.3 EN 61000-3-3:2013+A2
Test requirement	:	Clause 8.6 of EN 301 489-1 V2.2.3
Frequency range	:	0 – 2 kHz
Limit	:	Clause 5 of EN 61000-3-3:2013+A2

Test Setup

Date of testing	:	06.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Test ports	:	AC mains terminals
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	24.0 ℃
Relative humidity	:	48.0 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix B. (Only the worst case were recorded)

5.3.3 Conducted Emissions

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55032: 2015+A11:2020
Frequency range	:	0.15 - 30MHz
Classification	:	Class B
Limit	:	Clause 8.4.3 of EN 301 489-1 V2.2.3 Table A.10 of EN 55032: 2015+A11:2020
Kind of test site	:	Shielded room

Test Setup

Date of testing	:	11.11.2025
Test voltage	:	AC 120V, 60Hz and AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Test ports	:	AC mains terminals
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	22.4 ℃
Relative humidity	:	56.8 %
Atmospheric pressure	:	101.4 kPa

For the measurement records, refer to the appendix B. (Only the worst case were recorded)

5.3.4 Radiated Emissions

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55032: 2015+A11:2020
Frequency range	:	30 - 6000MHz
Classification	:	Class B
Limit	:	Clause 8.2.3 of EN 301 489-1 V2.2.3 Table A.4 and A.5 of EN 55032: 2015+ A11:2020
Kind of test site	:	3m Semi-Anechoic Chamber & 3m Full-Anechoic Chamber
Test ports	:	Enclosure

Test Setup

Date of testing	:	08.11.2025 to 15.11.2025
Test voltage	:	AC 120V, 60Hz and AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	Refer to test data
Relative humidity	:	Refer to test data
Atmospheric pressure	:	Refer to test data

For the measurement records, refer to the appendix B. (Only the worst case were recorded)

5.3.5 Electrostatic Discharges (ESD)

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035:2017 + A11:2020
Basic standard	:	EN 61000-4-2:2009
Test Requirement	:	Clause 9.3.1 of EN 301 489-1 V2.2.3 Table 1 of EN 55035:2017 + A11:2020
Test level	:	Contact discharge: ± 2.0kV, ± 4.0kV Air discharge: ± 2.0kV, ± 4.0kV, ± 8.0kV
Position	:	All exposed surfaces
Criterion	:	Clause 6.4 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	07.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	21.0 ℃
Relative humidity	:	53.0 %
Atmospheric pressure	:	101 kPa

Table 6: Test result of Electrostatic Discharges (ESD)

Operation mode	Test Voltage	Location	Result
B, C, D, E, F	± 2.0kV, ± 4.0kV / Contact	HCP	A*
		VCP	A*
		Conducted Enclosure	B**
	± 2.0kV, ± 4.0kV, ± 8.0kV / Air	Non-conducted Enclosure	A*
		Button	A*
		Slot	B**

*Remark: No degradation was observed during and after the tests.

5.3.6 Radio Frequency Electromagnetic Field (RS)

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035:2017 + A11:2020
Basic standard	:	EN 61000-4-3:2006+A1+A2
Test Requirement	:	Clause 9.2.1 of EN 301 489-1 V2.2.3 Table 1 of EN 55035:2017
Test level	:	3V/m, (unmodulated, rms)
Modulation	:	80% AM by a sinusoidal signal of 1kHz
Frequency range	:	80MHz -6GHz
Criterion	:	Clause 6.3 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	08.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	20.0 ℃
Relative humidity	:	55.0 %
Atmospheric pressure	:	101.4 kPa

Table 7: Test result of Radio Frequency Electromagnetic Field (RS), for swept test

Test Frequency Band	Test port	Polarity	Location	Result
80MHz – 1000MHz	Enclosure	Vertical / Horizontal	Front	A*
			Rear	A*
			Left	A*
			Right	A*
Test Frequency Band	Test port	Polarity	Location	Result
1000MHz – 6000MHz	Enclosure	Vertical / Horizontal	Front	A*
			Rear	A*
			Left	A*
			Right	A*

Table 8: Test result of Radio Frequency Electromagnetic Field (RS), for spot test

Test Frequency	Test port	Polarity	Location	Result
1800MHz 2600MHz 3500MHz 5000MHz	Enclosure	Vertical / Horizontal	Front	A*
			Rear	A*
			Left	A*
			Right	A*

*Remark: No degradation was observed during and after the tests.

5.3.8 Fast Transients (EFT)

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035: 2017 + A11:2020
Basic standard	:	EN 61000-4-4: 2004
Test Requirement	:	Clause 9.4.1 of EN 301 489-1 V2.2.3 Table 4 of EN 55035:2017 + A11:2020
Test level	:	±1kV
Test duration	:	≥60sec
Rise time	:	5/50ns
Repetition frequency	:	5kHz
Criterion	:	Clause 6.4 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	05.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	22.7℃
Relative humidity	:	43.0 %
Atmospheric pressure	:	101.4 kPa

Table 9: Test result of Electrical Fast Transients (EFT)

Test Mode	Coupling Method	Coupling Port	Test Level	Actual Performance
B, C, D, E, F	Direct Injection	Live + Neutral	±1kV on AC	A*

*Remark: No degradation was observed during and after the tests.

5.3.9 Surge

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035: 2017 + A11:2020
Basic standard		EN 61000-4-5: 2006
Test Requirement	:	Clause 9.8.1 of EN 301 489-1 V2.2.3 Table 4 of EN 55035:2017 + A11:2020
Test level	:	±1kV
Number of surges	:	5 (for each combination of parameters)
Repetition rate	:	Max. 1/min
Criterion	:	Clause 6.4 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	05.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	24.0 ℃
Relative humidity	:	40.0 %
Atmospheric pressure	:	101.4 kPa

Table 10: Test result of Surge

Test Mode	Coupling Port	Test Level (±kV)	Coupling Phase	Actual Performance
B, C, D, E, F	AC mains power port	± 1.0 kV line to line	0	A*
			π/2	A*
			π	A*
			3π/2	A*

*Remark: No degradation was observed during and after the tests.

5.3.10 Radio-Frequency Continuous Conducted (CS)

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035: 2017 + A11:2020
Basic standard		EN 61000-4-6: 2007
Test Requirement	:	Clause 9.5.1 of EN 301 489-1 V2.2.3 Table 4 of EN 55035:2017 + A11:2020
Frequency range	:	0.15 - 80 MHz
Source impedance	:	150Ω
Test level	:	For EN 301 489-1: 3V, (unmodulated, r.m.s.) For EN 55035: 3V (150KHz – 10MHz) 3 to 1V (10MHz – 30MHz), 1V (30MHz – 80MHz)
Modulation	:	AM 80%, 1kHz sine-wave
Sweep mode	:	automatic
Sweep rate	:	$<1.5\times10^{-3}$ decade / sec.
Criterion	:	Clause 6.3 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	17.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	26.0 ℃
Relative humidity	:	40.0%
Atmospheric pressure	:	101.4 kPa

Table 11: Test result of Injected Currents / Conducted Susceptibility (CS), for EN 301 489-1

Test Frequency Band	Coupling Method	Test Port	Test Level	Actual Performance
150KHz – 80MHz	Direct Injection	AC mains power port	3.0 V	A*

Table 12: Test result of Injected Currents / Conducted Susceptibility (CS), for EN 55035

Test Frequency Band	Coupling Method	Test Port	Test Level	Actual Performance
150KHz – 10MHz	Direct Injection	AC mains power port	3.0 V	A*
10MHz – 30MHz	Direct Injection	AC mains power port	3.0V to 1.0V	A*
30MHz – 80MHz	Direct Injection	AC mains power port	1.0 V	A*

*Remark: No degradation was observed during and after the tests.

5.3.11 Voltage Dips and Interruptions

RESULT: **Pass**

Test Specification

Test standard	:	EN 301 489-1 V2.2.3 EN 301 489-17 V3.3.1 EN 55035: 2017 + A11:2020
Basic standard		EN 61000-4-11: 2004
Test Requirement	:	Clause 9.7.1 of EN 301 489-1 V2.2.3 Table 4 of EN 55035:2017 + A11:2020
Test level and durations	:	Voltage Dips: 100% reduction for 0.5 period 100% reduction for 1 periods 30% reduction for 25 periods Voltage interruptions: 0% reduction for 250 period
Criterion	:	Clause 6.4 of EN 301 489-17 V3.3.1 Clause 8 and Annex G of EN 55035:2017 + A11:2020

Test Setup

Date of testing	:	06.11.2025
Test voltage	:	AC 230V, 50Hz
Operation mode	:	B, C, D, E, F, G
Earthing	:	Not connected
Test configuration	:	Table-top
Ambient temperature	:	22.4 ℃
Relative humidity	:	50.2%
Atmospheric pressure	:	101.4 kPa

Table 13: Test result of Voltage Dips and Interruptions

Test Mode	Coupling Port	Voltage Reduction (%)	Reduction Duration (in Period)	Actual Performance
B, C, D, E, F	AC mains power port	100%	0.5	A*
		100%	1	A*
		30%	25	A*
		100%	250	B**

*Remark: No degradation was observed during and after the tests.
**Remark: Temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention.

6 Safety Human Exposure

6.1 Human Exposure to Electromagnetic Fields 10MHz-300GHz

6.1.1 Electromagnetic Fields

RESULT: **Pass**

Test Specification

Test standard : EN 62479: 2010

The maximum measured peak power of EUT is only 12.14 dBm (16.368mW).

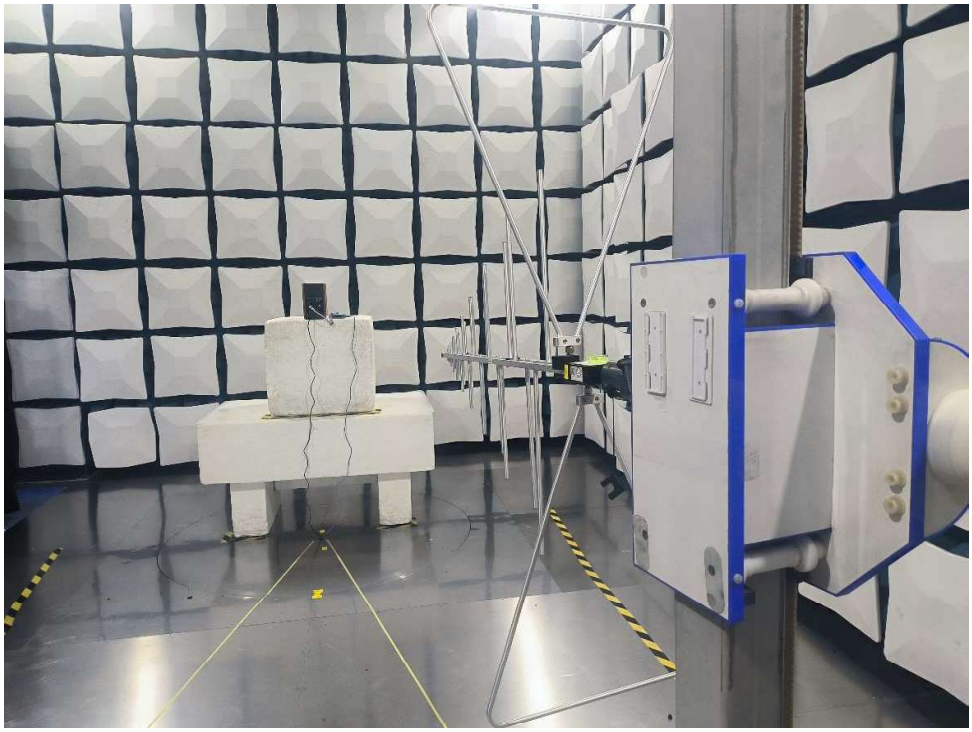
According to EN 62479:2010 clause 4.2, if the average total radiated power emitted by apparatus operating in the frequency range 10MHz-300GHz is less than or equal to 13.01dBm(20mW), then the apparatus is deemed to comply with the basic restrictions without testing.

7 Photographs of the Test Set-Up

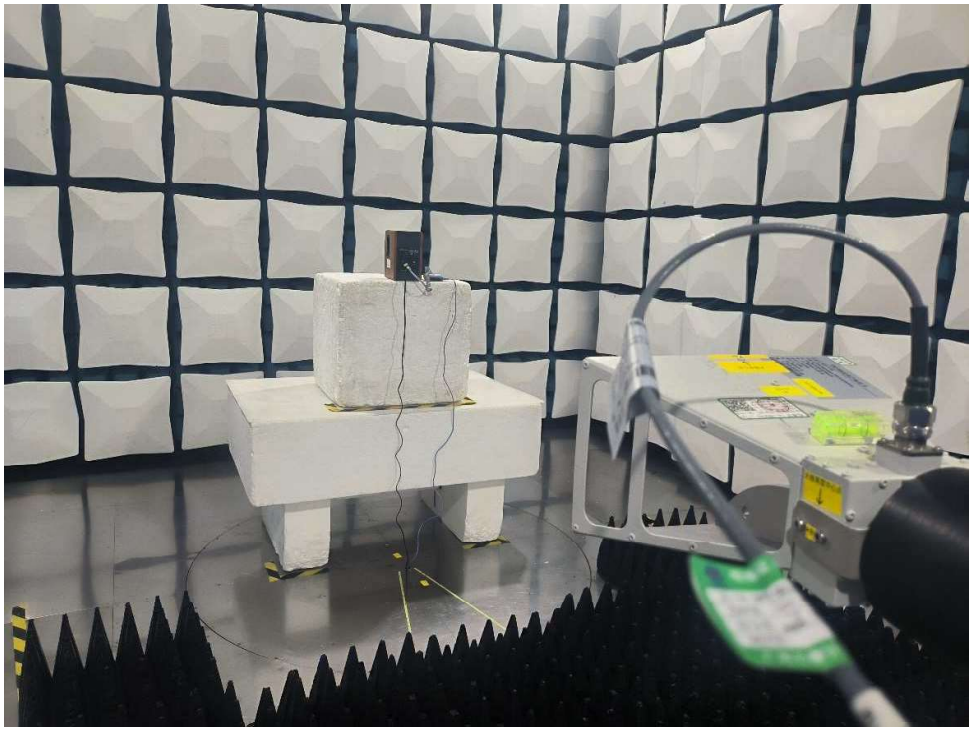
Photograph 1: Set-up for Radio Spectrum Testing, Normal and Extreme Condition



Photograph 2: Set-up for Transmitter & Receiver Spurious Emissions, below 1GHz



Photograph 3: Set-up for Transmitter & Receiver Spurious Emissions, above 1GHz



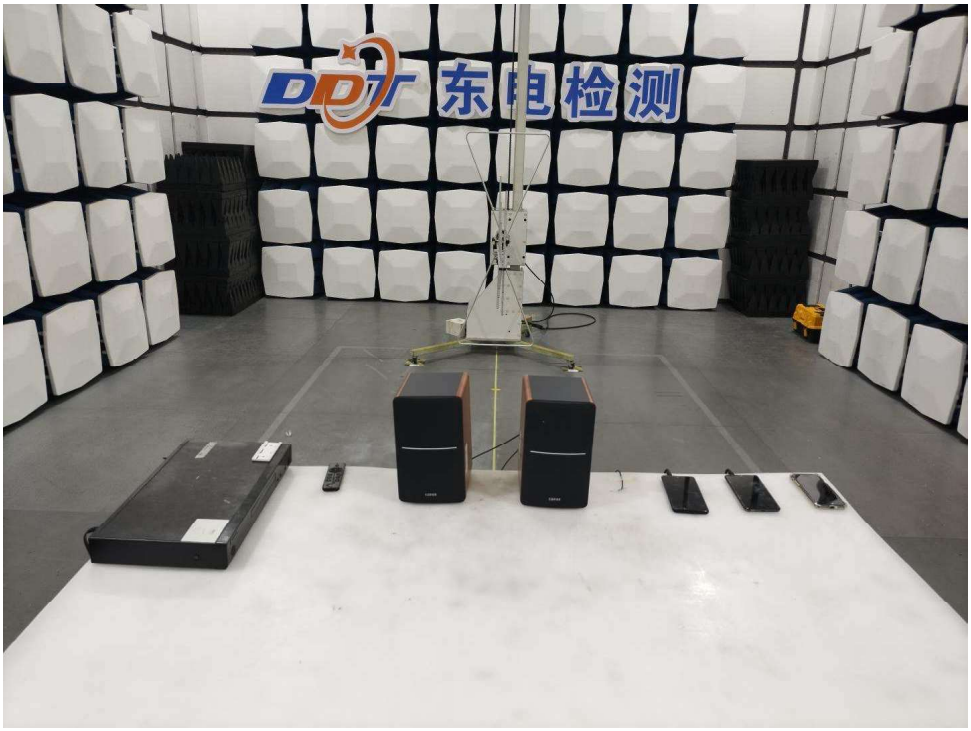
Photograph 4: Set-up for Harmonic & Flicker



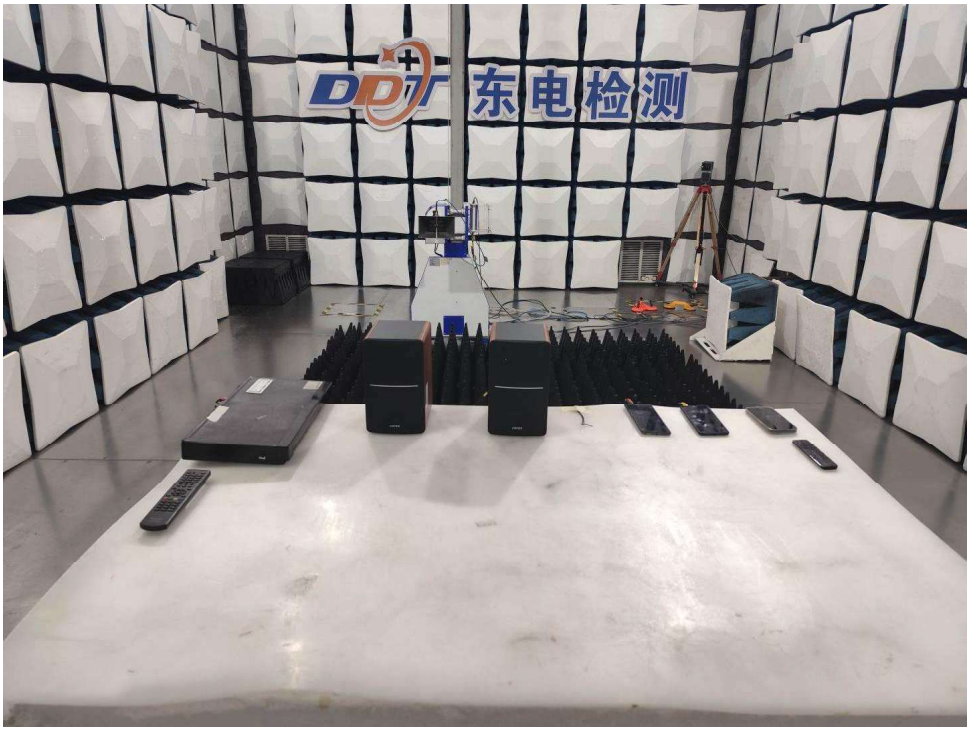
Photograph 5: Set-up for Conducted Emission on AC Mains



Photograph 6: Set-up for Radiated Emission, Below 1GHz



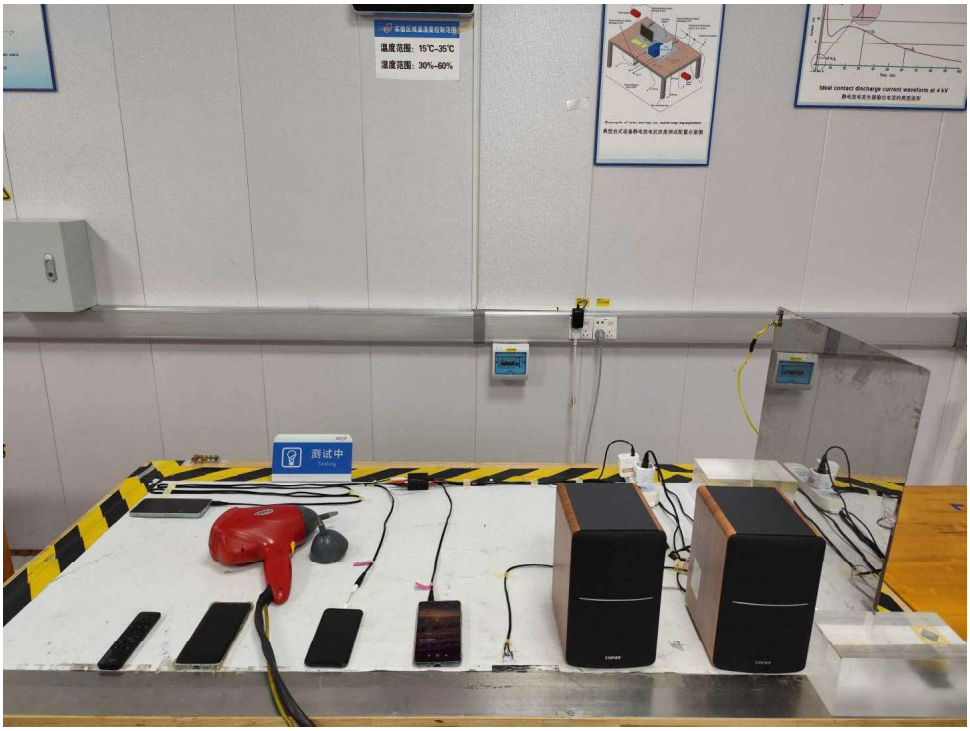
Photograph 7: Set-up for Radiated Emission, Above 1GHz



Photograph 8: Set-up for Radio Frequency Electromagnetic Fields (RS)



Photograph 9: Setup for Electrostatic Discharges (ESD)



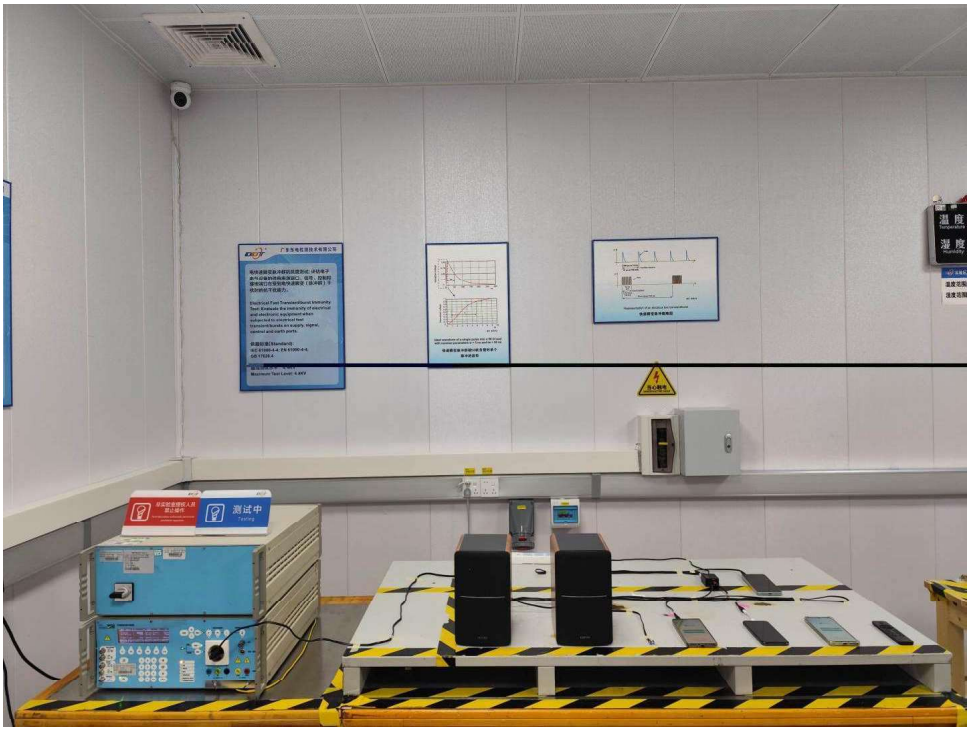
Photograph 10: Setup for Radio-frequency continuous conducted (CS)



Photograph 11: Setup for Surge



Photograph 12: Setup for Fast Transients (EFT), Voltage dips and interruptions



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Appendix A

Test Results of Radio Spectrum

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1 Appendix A.1 : RF output power

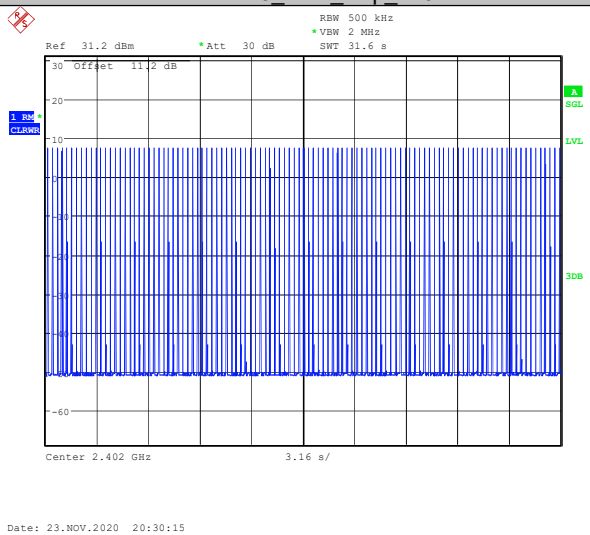
The RF output power is the mean equivalent isotropically radiated power (EIRP) during a transmission burst. Only the worst case for all test modes reported.

Test Condition	TestMode	Antenna	Channel	EIRP[dBm]	Limit[dBm]	Verdict
NTNV	DH1	Ant1	Hop	11.92	20	PASS
	DH5	Ant1	Hop	11.73	20	PASS
	2DH1	Ant1	Hop	11.77	20	PASS
	2DH5	Ant1	Hop	11.52	20	PASS
	3DH1	Ant1	Hop	11.99	20	PASS
	3DH5	Ant1	Hop	11.90	20	PASS
LTNV	DH1	Ant1	Hop	12.14	20	PASS
	DH5	Ant1	Hop	11.69	20	PASS
	2DH1	Ant1	Hop	11.72	20	PASS
	2DH5	Ant1	Hop	11.53	20	PASS
	3DH1	Ant1	Hop	12.10	20	PASS
	3DH5	Ant1	Hop	11.91	20	PASS
HTNV	DH1	Ant1	Hop	11.80	20	PASS
	DH5	Ant1	Hop	11.88	20	PASS
	2DH1	Ant1	Hop	11.85	20	PASS
	2DH5	Ant1	Hop	11.81	20	PASS
	3DH1	Ant1	Hop	11.81	20	PASS
	3DH5	Ant1	Hop	11.85	20	PASS

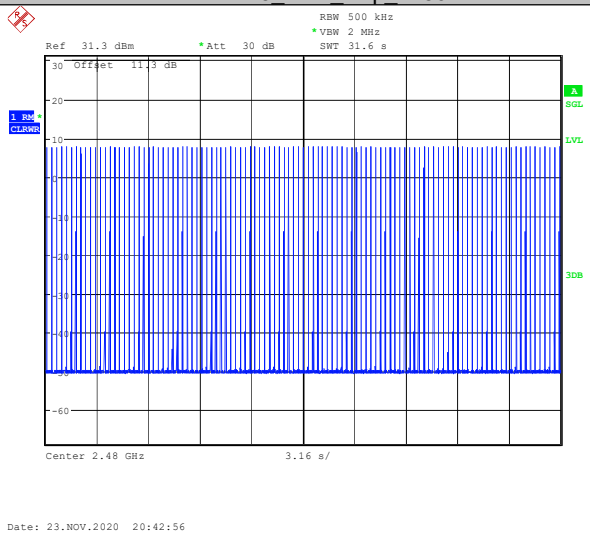
2 Appendix A.2 : Accumulated Transmit Time

TestMode	Antenna	Channel	Result [ms]	Limit[ms]	Verdict
DH5	Ant1	Hop_2402	307.563	400	PASS
		Hop_2480	308.616	400	PASS
2DH5	Ant1	Hop_2402	305.456	400	PASS
		Hop_2480	308.616	400	PASS
3DH5	Ant1	Hop_2402	306.510	400	PASS
		Hop_2480	306.510	400	PASS

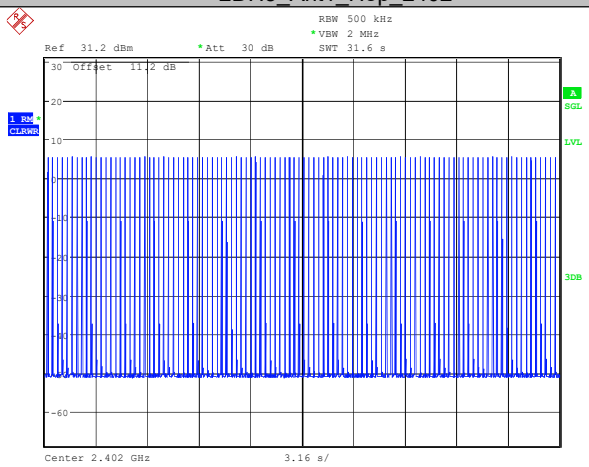
DH5_Ant1_Hop_2402



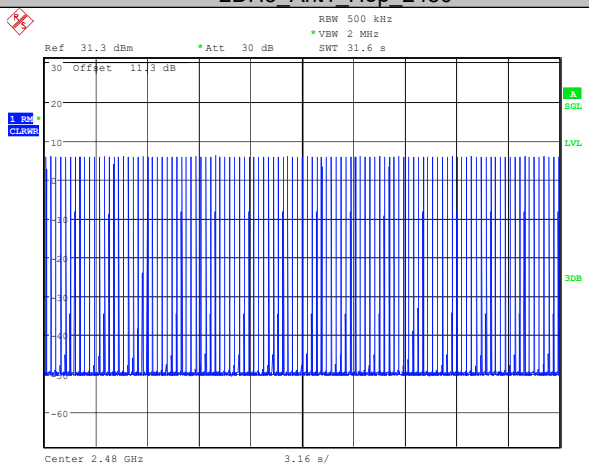
DH5_Ant1_Hop_2480



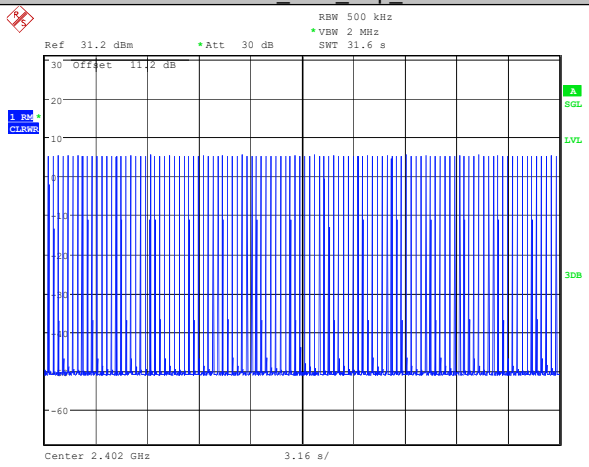
2DH5_Ant1_Hop_2402



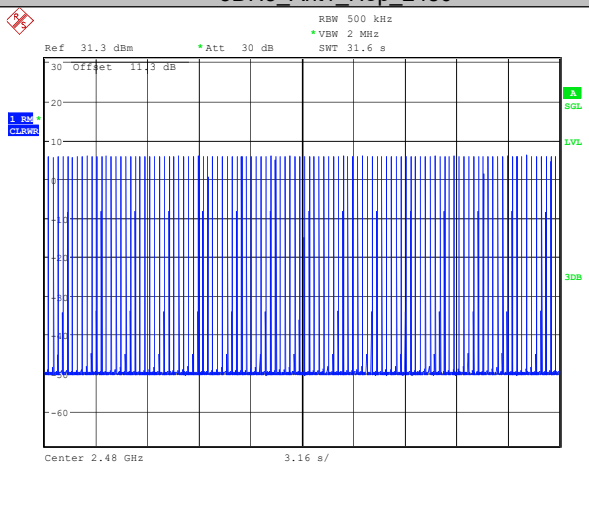
2DH5_Ant1_Hop_2480



3DH5_Ant1_Hop_2402



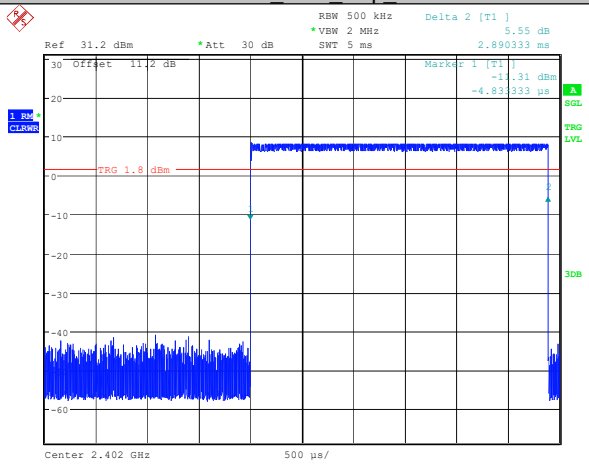
3DH5_Ant1_Hop_2480

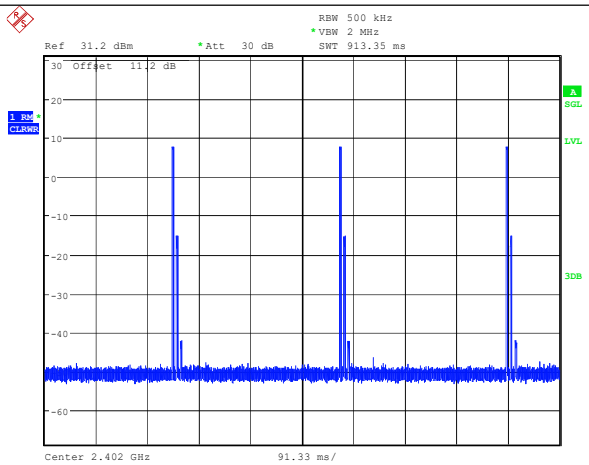


3 Appendix A.3 : Frequency Occupation

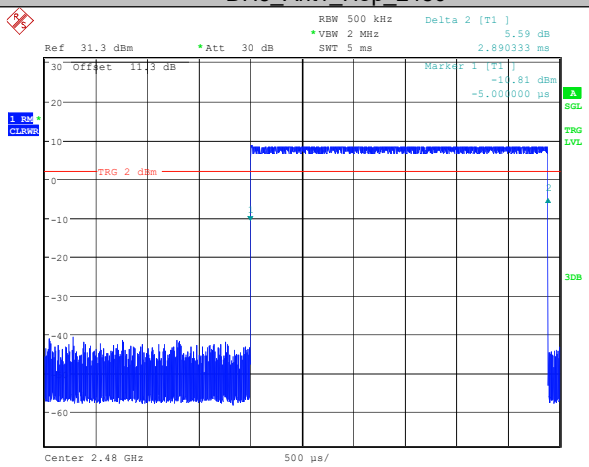
TestMode	Antenna	Channel	Result [Num.]	Limit [Num.]	Verdict
DH5	Ant1	Hop_2402	3	1	PASS
		Hop_2480	3	1	PASS
2DH5	Ant1	Hop_2402	3	1	PASS
		Hop_2480	3	1	PASS
3DH5	Ant1	Hop_2402	3	1	PASS
		Hop_2480	3	1	PASS

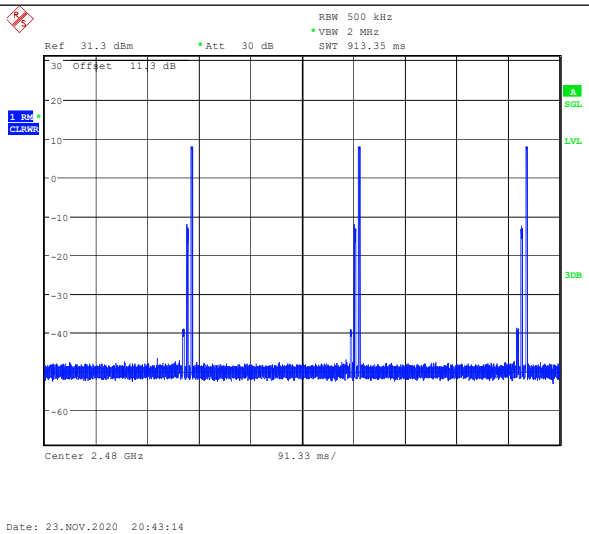
DH5_Ant1_Hop_2402



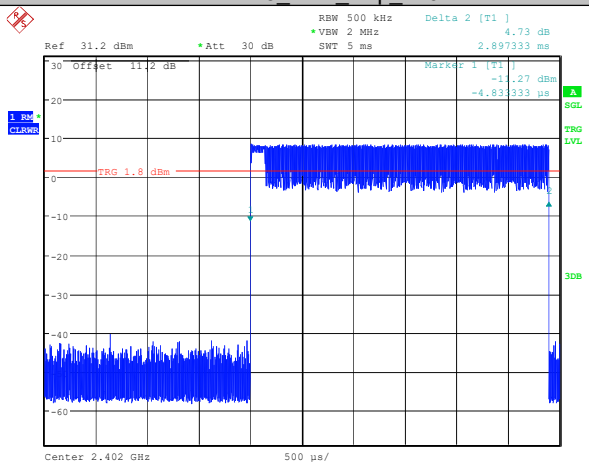


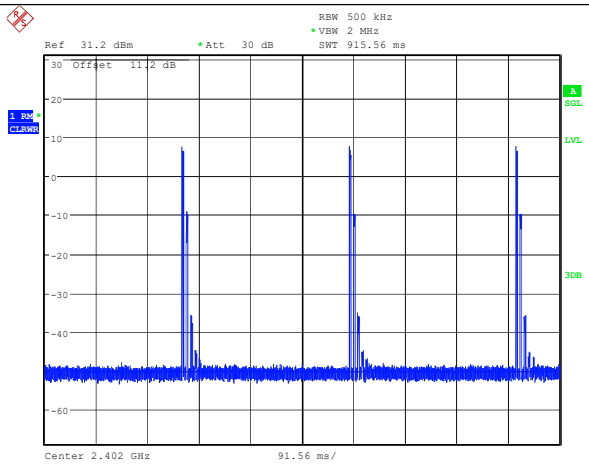
DH5_Ant1_Hop_2480





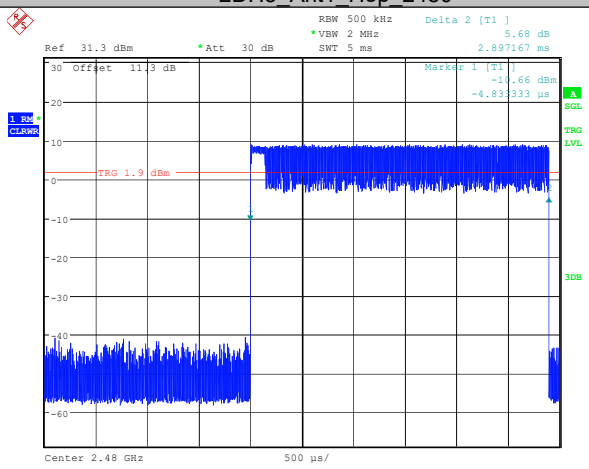
2DH5_Ant1_Hop_2402



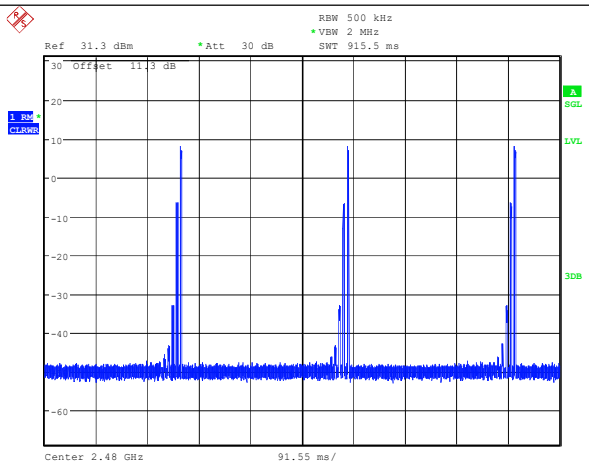


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2DH5_Ant1_Hop_2480

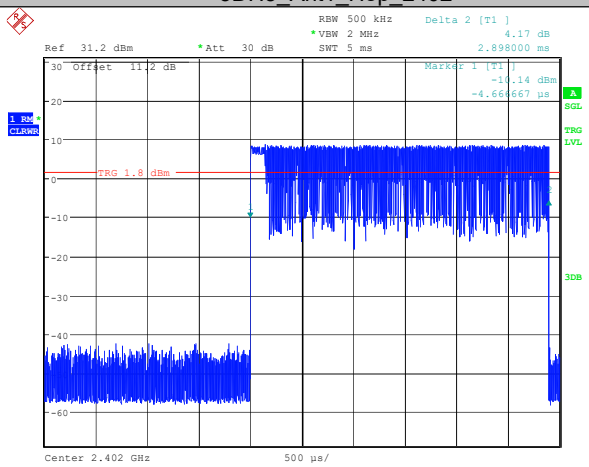


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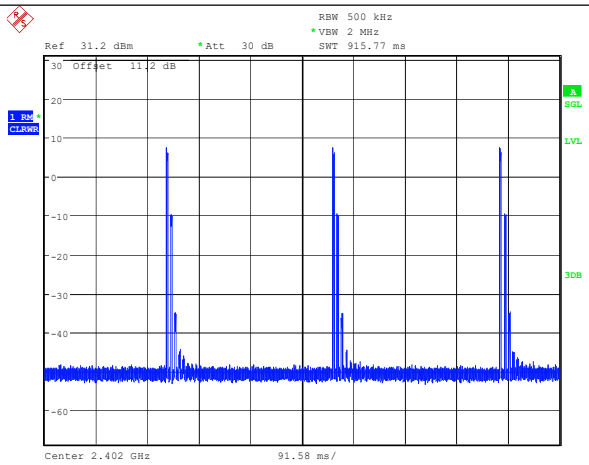


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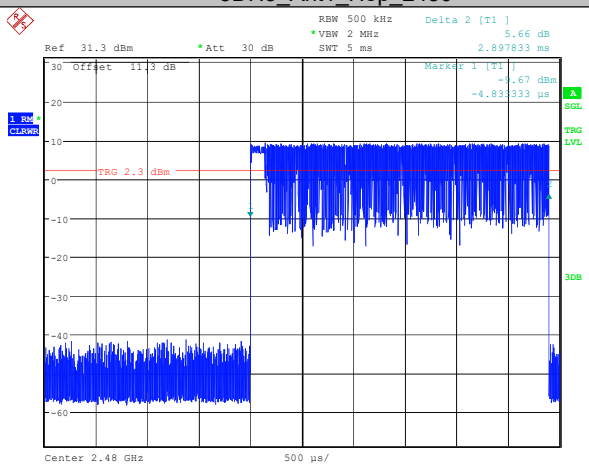


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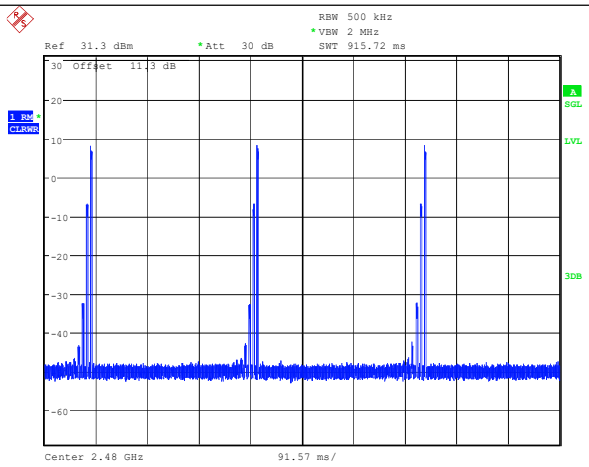


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3DH5_Ant1_Hop_2480



Date: 23.NOV.2020 21:19:12

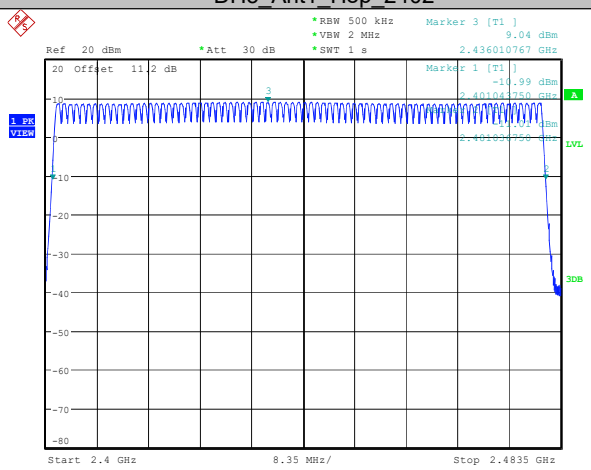


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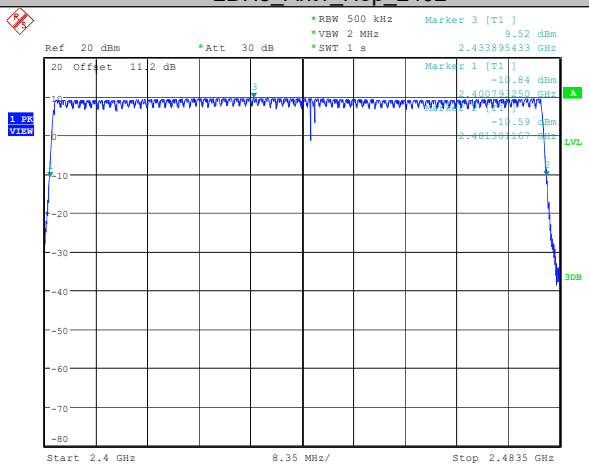
4 Appendix A.4 : Hopping Sequence

TestMode	Antenna	Channel	Hop. [Num.]	Limit[Num.]	Band Use [%]	Limit [%]	Verdict
DH5	Ant1	Hop_2402	79	15	95.80	70	PASS
2DH5	Ant1	Hop_2402	79	15	96.42	70	PASS
3DH5	Ant1	Hop_2402	79	15	96.45	70	PASS

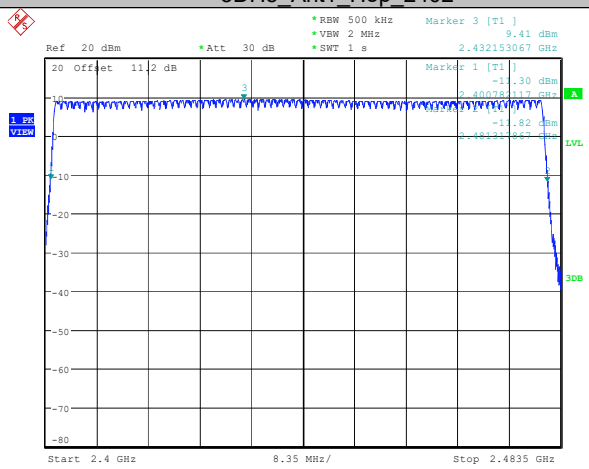
DH5_Ant1_Hop_2402



2DH5_Ant1_Hop_2402



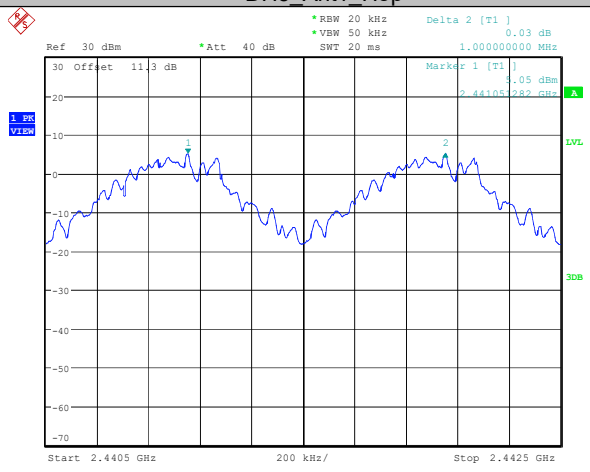
3DH5_Ant1_Hop_2402



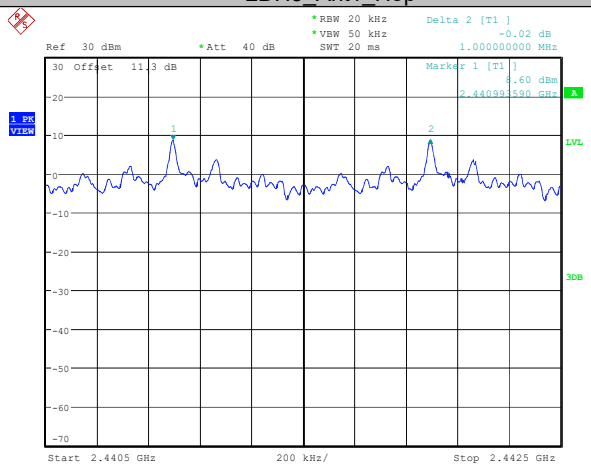
5 Appendix A.5: Hopping Frequency Separation

TestMode	Antenna	Channel	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	0.100	PASS
2DH5	Ant1	Hop	1	0.100	PASS
3DH5	Ant1	Hop	1	0.100	PASS

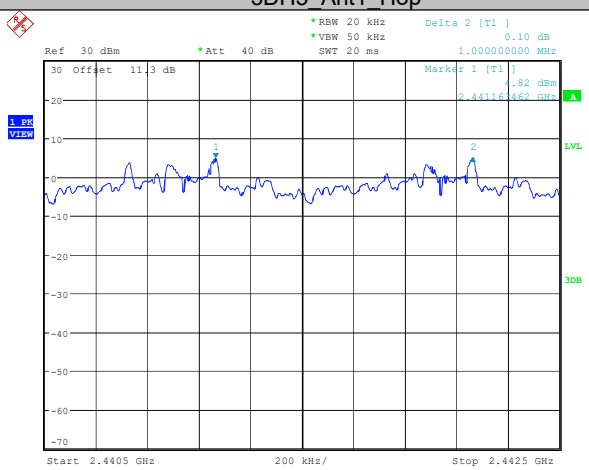
DH5_Ant1_Hop



2DH5_Ant1_Hop



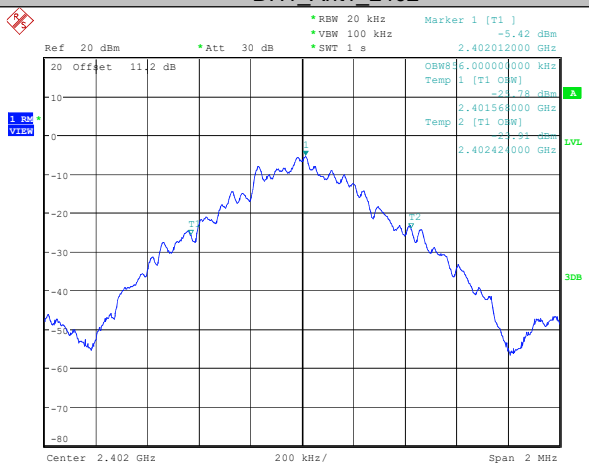
3DH5_Ant1_Hop



6 Appendix A.6: Occupied Channel Bandwidth

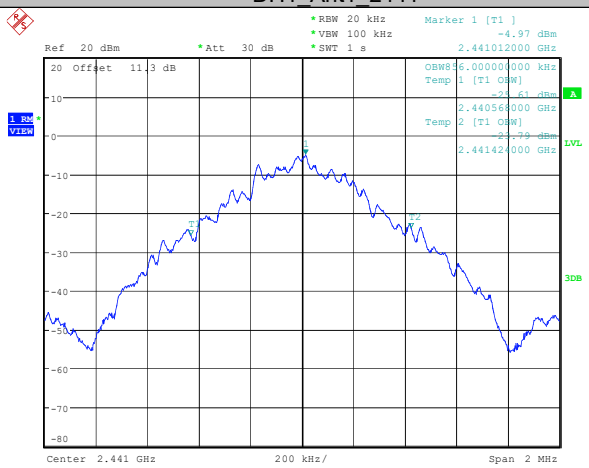
TestMode	Antenna	Channel	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.856	2401.5680	2402.4240	2400 to 2483.5	PASS
		2441	0.856	2440.5680	2441.4240	2400 to 2483.5	PASS
		2480	0.854	2479.5700	2480.4240	2400 to 2483.5	PASS
DH5	Ant1	2402	0.884	2401.5520	2402.4360	2400 to 2483.5	PASS
		2441	0.882	2440.5540	2441.4360	2400 to 2483.5	PASS
		2480	0.88	2479.5540	2480.4340	2400 to 2483.5	PASS
2DH1	Ant1	2402	1.168	2401.3940	2402.5620	2400 to 2483.5	PASS
		2441	1.168	2440.3940	2441.5620	2400 to 2483.5	PASS
		2480	1.168	2479.3940	2480.5620	2400 to 2483.5	PASS
2DH5	Ant1	2402	1.21	2401.3940	2402.6040	2400 to 2483.5	PASS
		2441	1.208	2440.3940	2441.6020	2400 to 2483.5	PASS
		2480	1.21	2479.3940	2480.6040	2400 to 2483.5	PASS
3DH1	Ant1	2402	1.17	2401.4200	2402.5900	2400 to 2483.5	PASS
		2441	1.168	2440.4200	2441.5880	2400 to 2483.5	PASS
		2480	1.166	2479.4220	2480.5880	2400 to 2483.5	PASS
3DH5	Ant1	2402	1.222	2401.3800	2402.6020	2400 to 2483.5	PASS
		2441	1.218	2440.3820	2441.6000	2400 to 2483.5	PASS
		2480	1.218	2479.3820	2480.6000	2400 to 2483.5	PASS

DH1_Ant1_2402



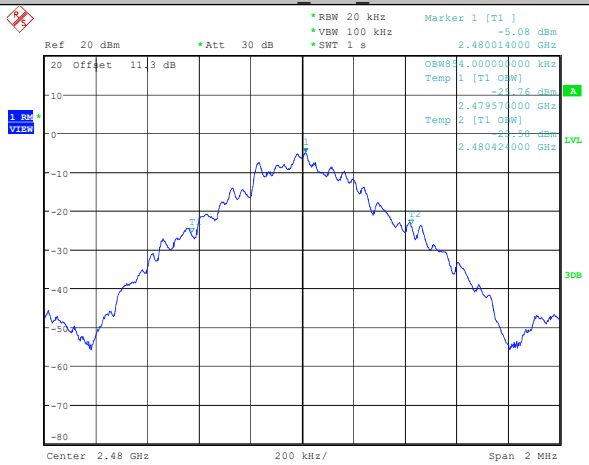
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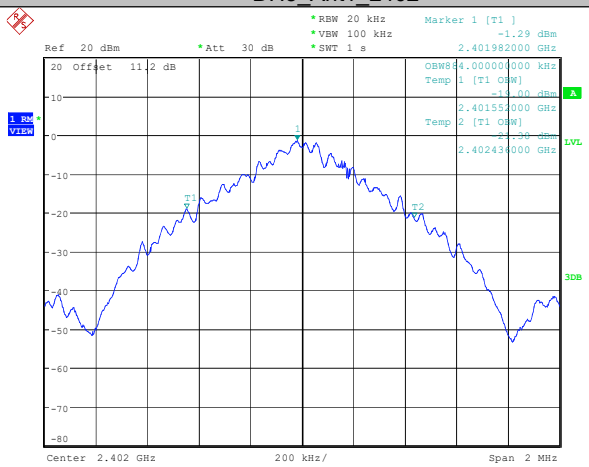
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DH1_Ant1_2480



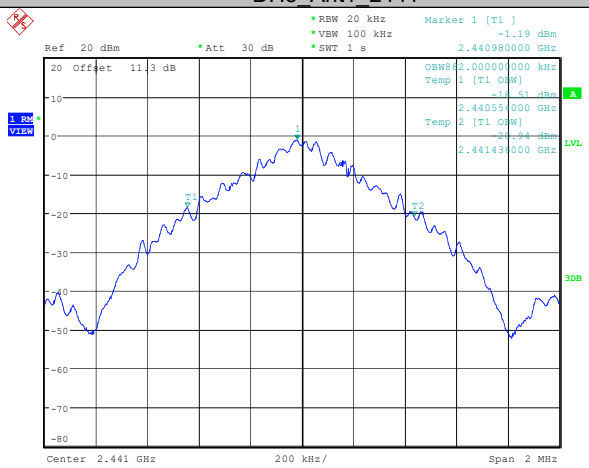
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DH5_Ant1_2402



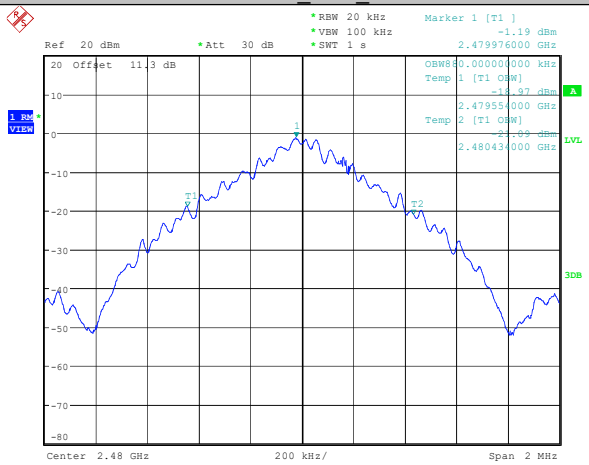
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DH5_Ant1_2441



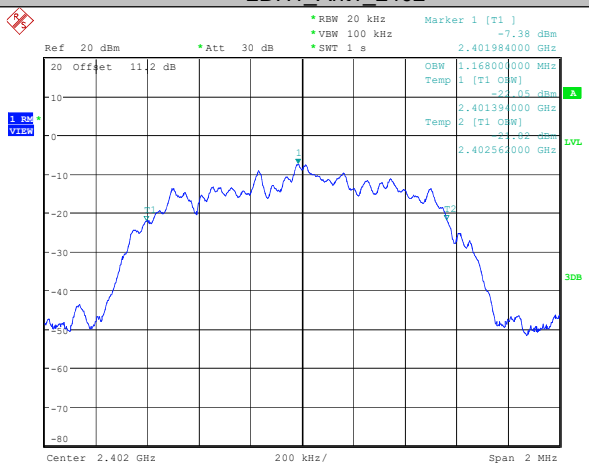
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DH5_Ant1_2480



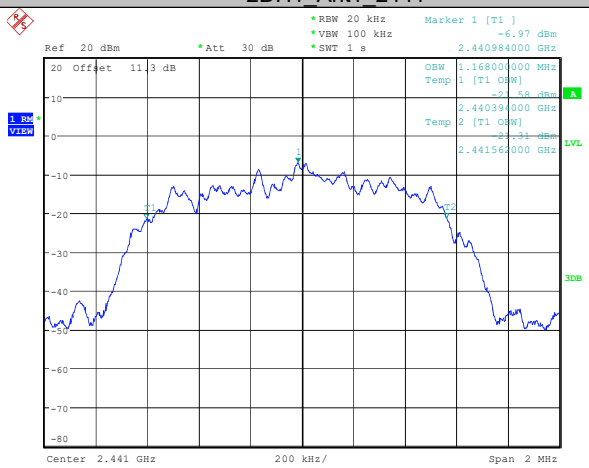
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2DH1_Ant1_2402



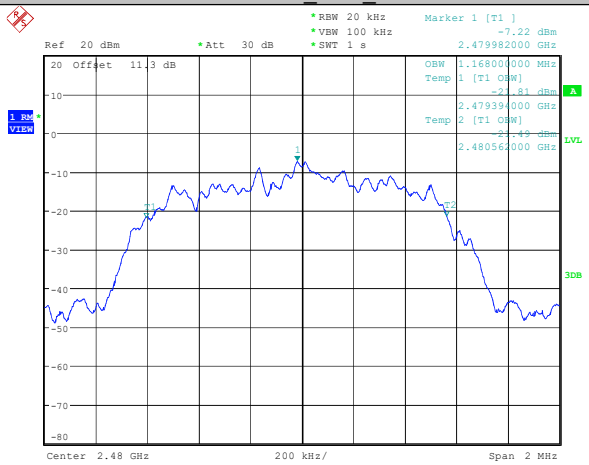
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2DH1_Ant1_2441



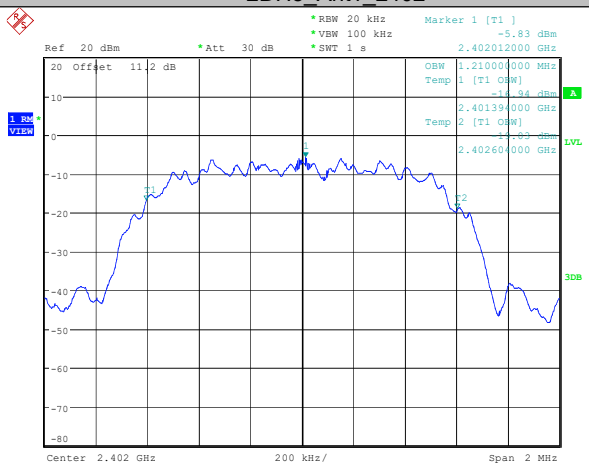
Date: 23.NOV.2020 20:19:26

2DH1_Ant1_2480



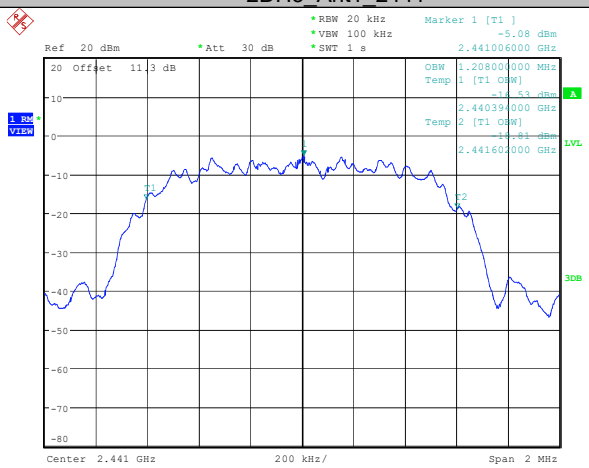
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2DH5_Ant1_2402



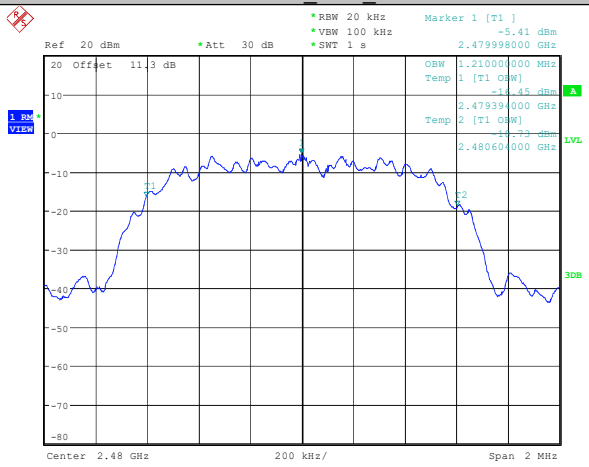
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2DH5_Ant1_2441



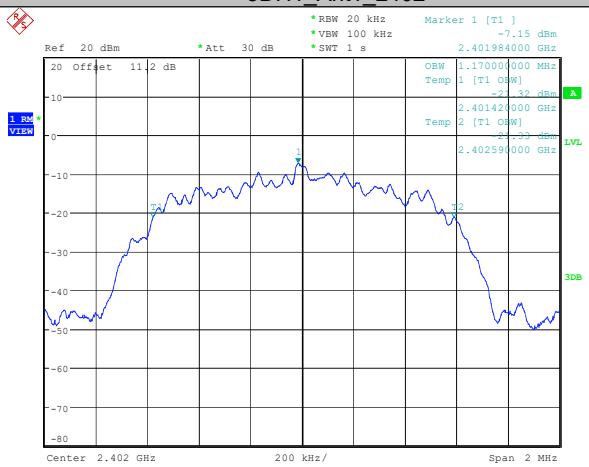
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2DH5_Ant1_2480



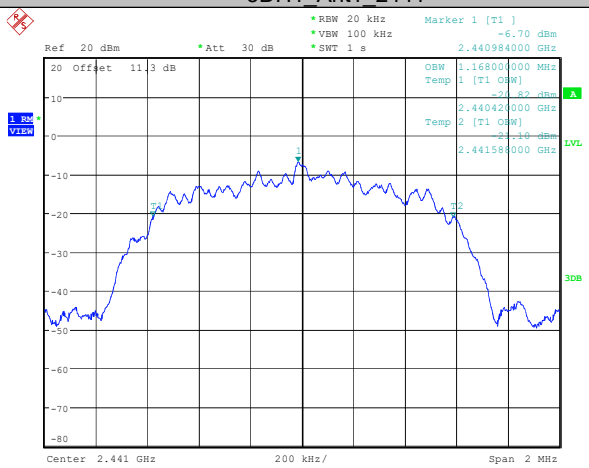
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3DH1_Ant1_2402



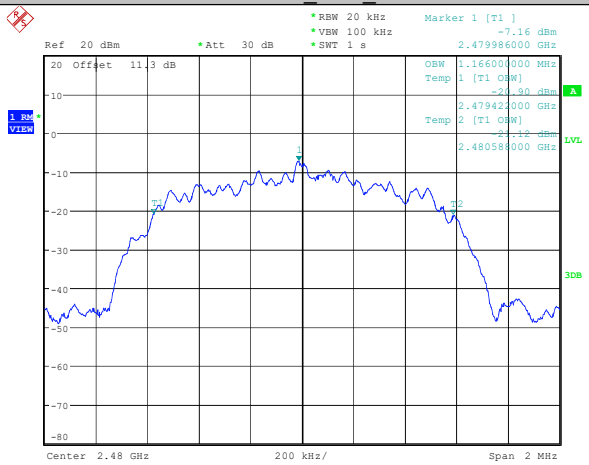
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3DH1_Ant1_2441



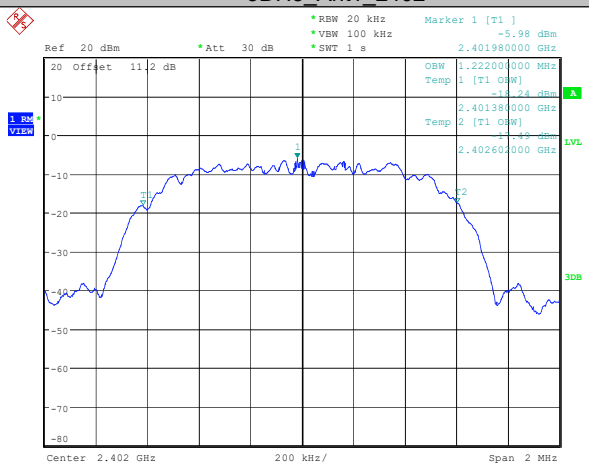
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3DH1_Ant1_2480



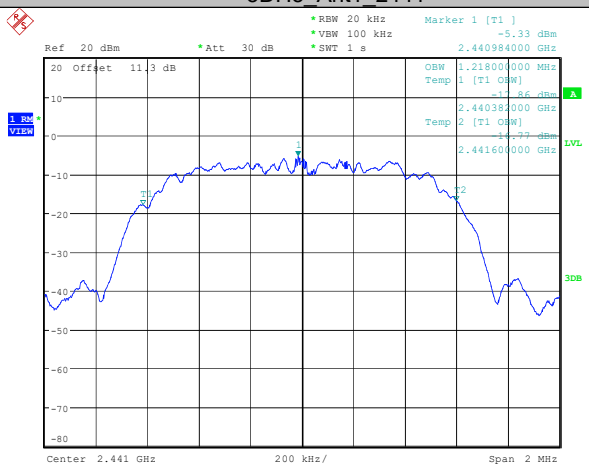
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3DH5_Ant1_2402



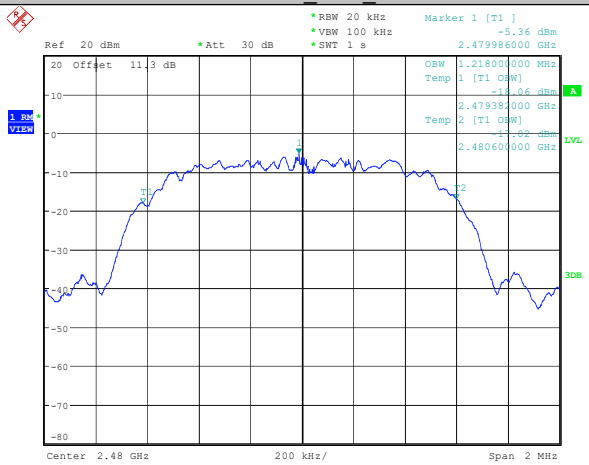
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3DH5_Ant1_2441



Date: 23.NOV.2020 20:15:08

3DH5_Ant1_2480



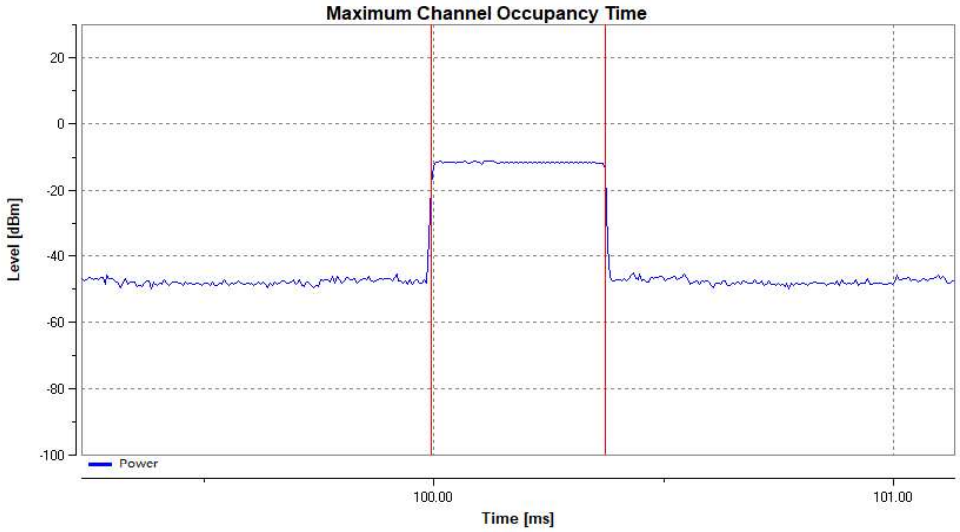
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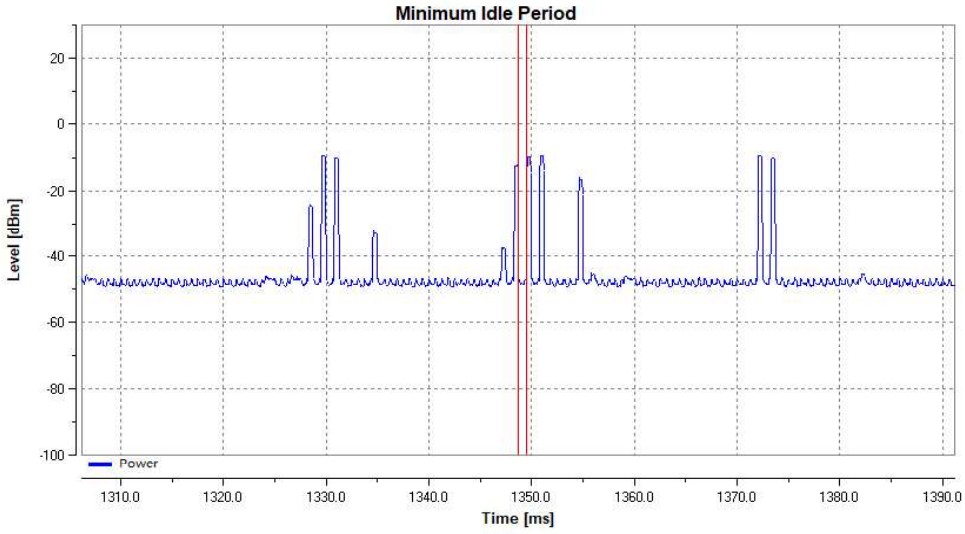
7 Appendix A.7: Adaptivity

TestMode	Antenna	Channel	Max.COT [ms]	Limit[ms]	Min.Idel Time[ms]	Limit[ms]	Verdict
DH5	Ant1	Hop_2441	0.380	40	0.850	0.100	PASS
		Hop_2480	0.140	40	1.000	0.100	PASS
2DH5	Ant1	Hop_2441	0.380	40	0.850	0.100	PASS
3DH5	Ant1	Hop_2441	0.380	40	0.850	0.100	PASS

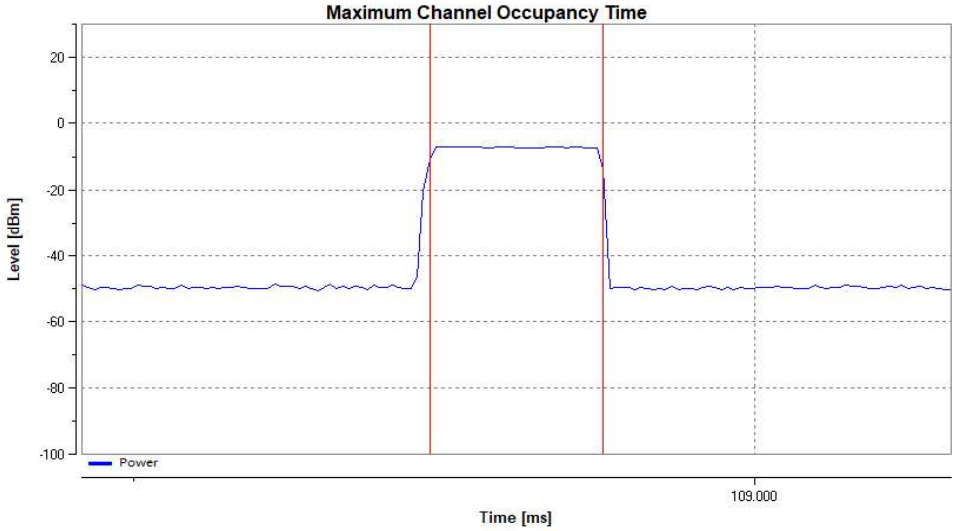
TestMode	Antenna	Channel	Add Signal Type	Add Signal Time[ms]	Add Signal Level[dbm]	Max. Short Time [%]	Limit [%]	Verdict
DH5	Ant1	Hop_2441	AWGN	2101	-59.14	9.80	10	PASS
			CW	62121	-32.41	8.00	10	PASS
2DH5	Ant1	Hop_2441	AWGN	2101	-58.93	8.20	10	PASS
			CW	62121	-32.41	9.60	10	PASS
3DH5	Ant1	Hop_2441	AWGN	2101	-59.31	9.20	10	PASS
			CW	62121	-32.41	9.20	10	PASS

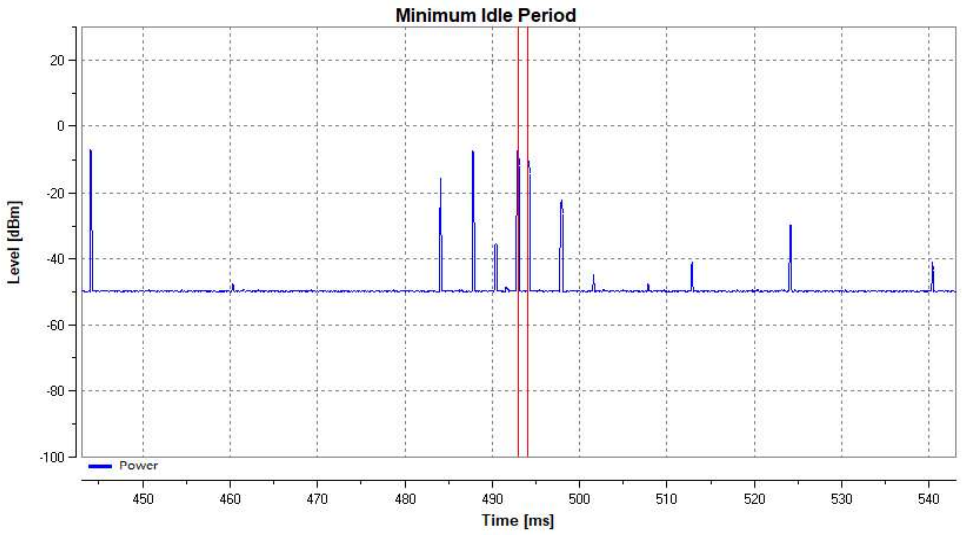
DH5_Ant1_Hop_2441



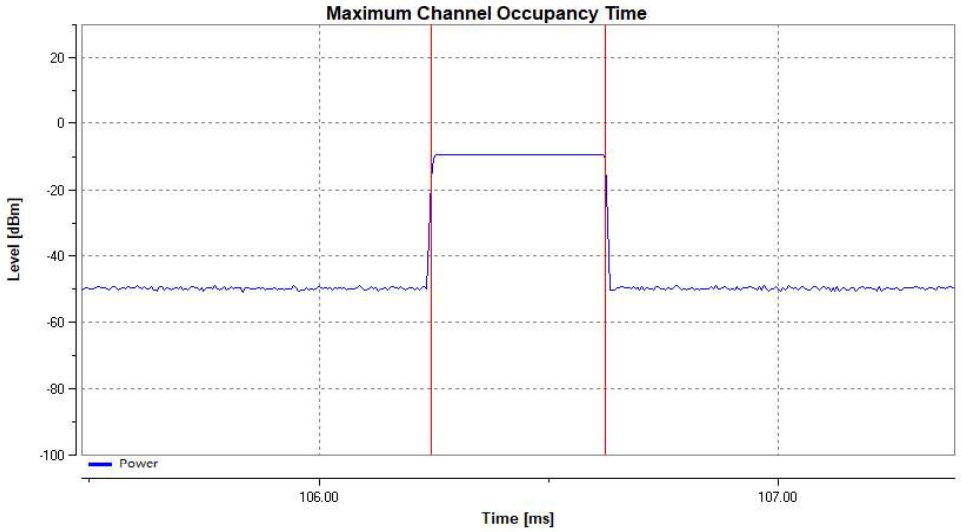


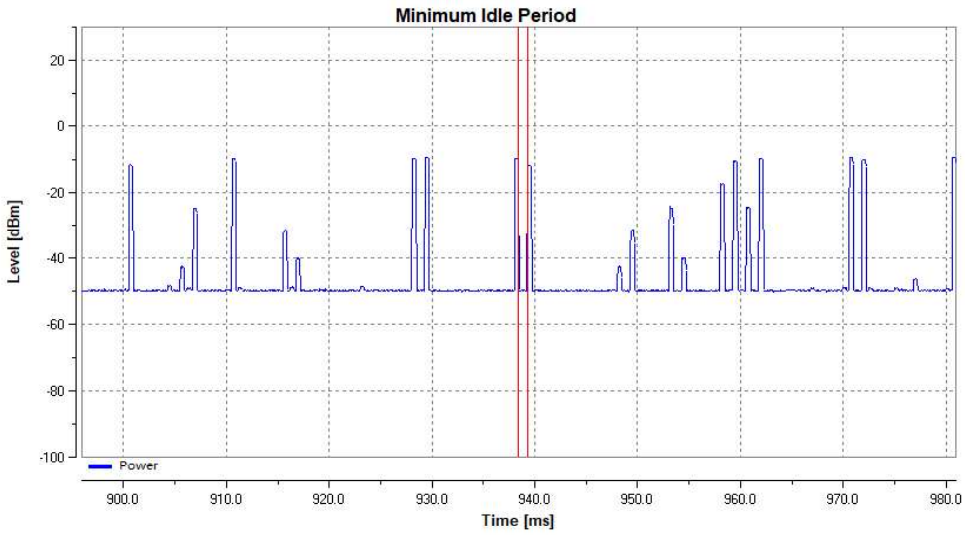
DH5_Ant1_Hop_2480



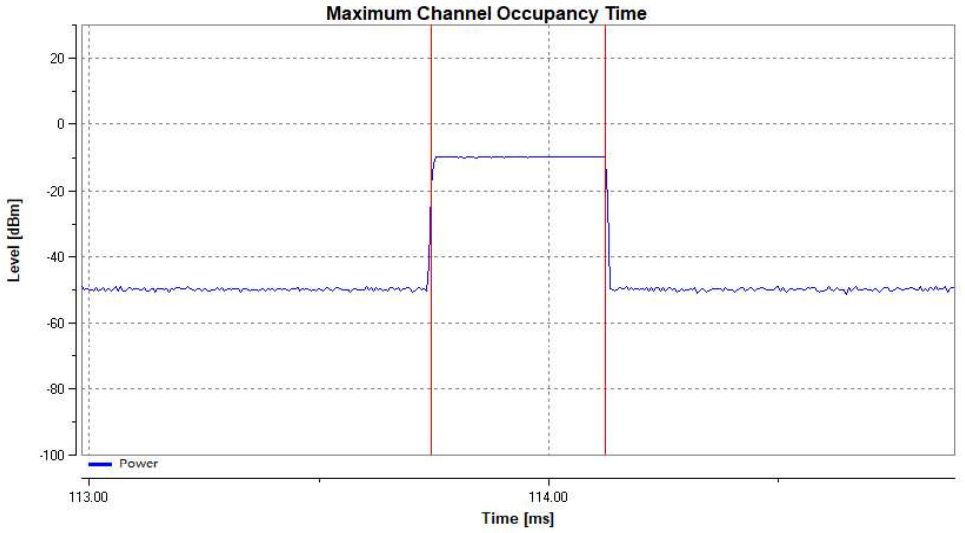


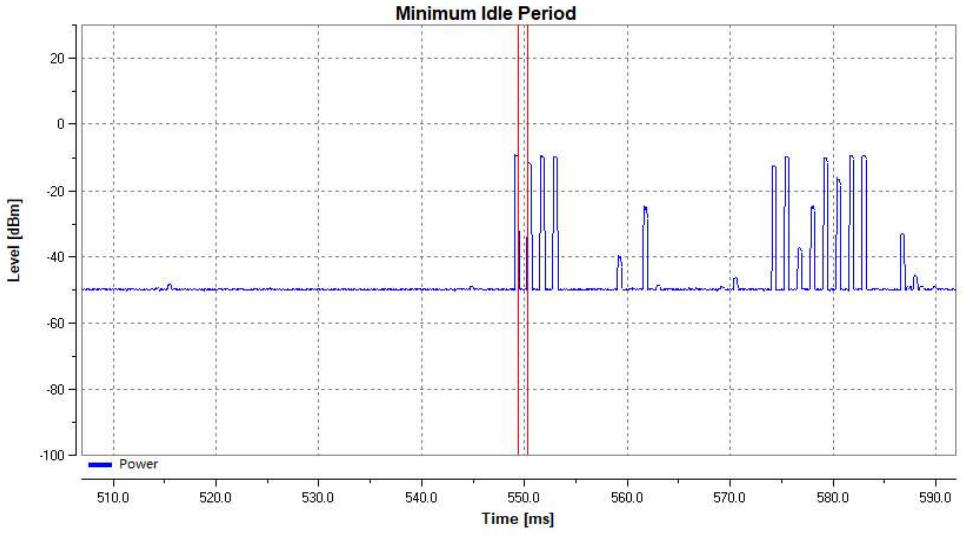
2DH5_Ant1_Hop_2441





3DH5_Ant1_Hop_2441



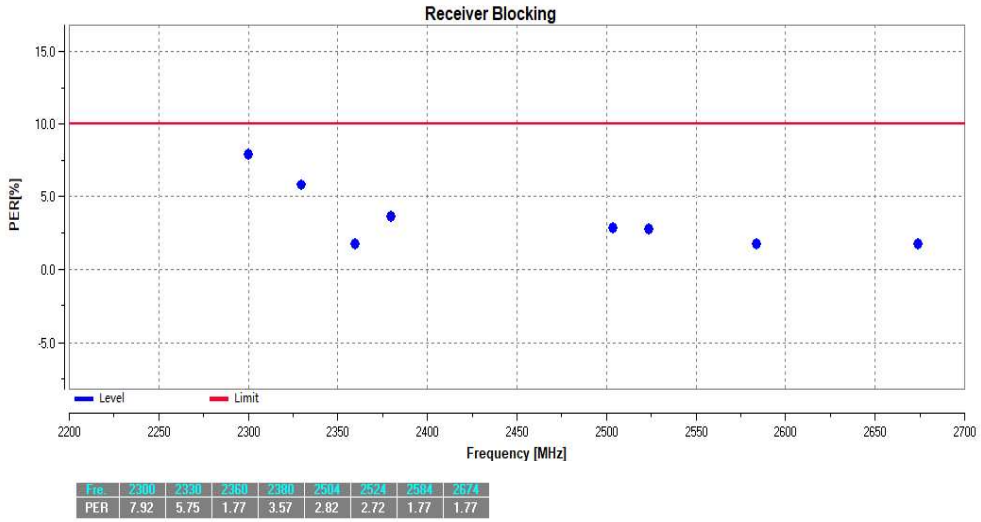


8 Appendix A.8: Receiver Blocking

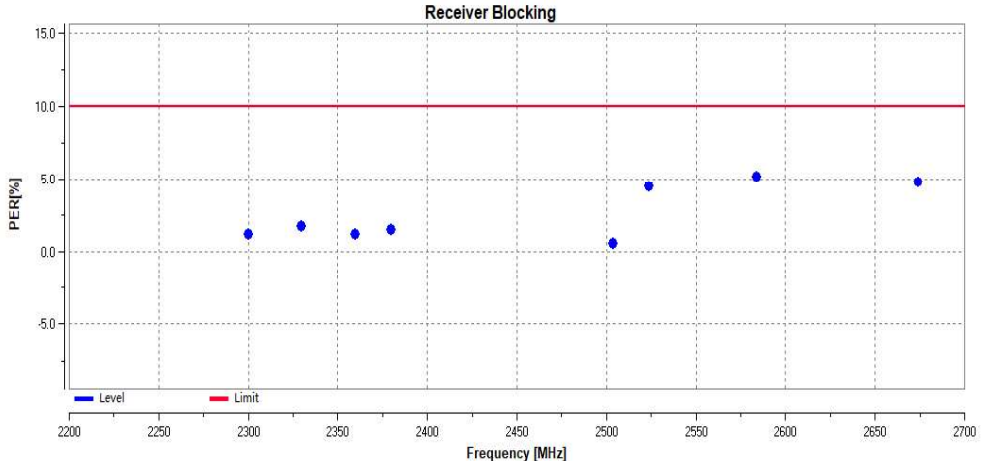
TestMode	Antenna	Channel	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
DH1	Ant1	Hop	---	-77.09	2300	-31.41	7.92	<=10	PASS
			---	-77.09	2330	-31.41	5.75	<=10	PASS
			---	-77.09	2360	-31.41	1.77	<=10	PASS
			---	-71.09	2380	-31.41	3.57	<=10	PASS
			---	-71.09	2504	-31.41	2.82	<=10	PASS
			---	-77.09	2524	-31.41	2.72	<=10	PASS
			---	-77.09	2584	-31.41	1.77	<=10	PASS
			---	-77.09	2674	-31.41	1.77	<= 10	PASS
2DH1	Ant1	Hop	---	-75.74	2300	-31.41	1.19	<=10	PASS
			---	-75.74	2330	-31.41	1.77	<=10	PASS
			---	-75.74	2360	-31.41	1.19	<=10	PASS
			---	-69.74	2380	-31.41	1.48	<=10	PASS
			---	-69.74	2504	-31.41	0.60	<=10	PASS
			---	-75.74	2524	-31.41	4.49	<=10	PASS
			---	-75.74	2584	-31.41	5.12	<=10	PASS
			---	-75.74	2674	-31.41	4.76	<= 10	PASS
3DH1	Ant1	Hop	---	-75.74	2300	-31.41	3.10	<=10	PASS
			---	-75.74	2330	-31.41	3.01	<=10	PASS
			---	-75.74	2360	-31.41	2.72	<=10	PASS
			---	-69.74	2380	-31.41	1.86	<=10	PASS
			---	-69.74	2504	-31.41	1.48	<=10	PASS
			---	-75.74	2524	-31.41	6.54	<=10	PASS
			---	-75.74	2584	-31.41	6.45	<=10	PASS
			---	-75.74	2674	-31.41	3.19	<= 10	PASS

Note: The EUT is category 1 receiver.

DH1_Ant1_Hop

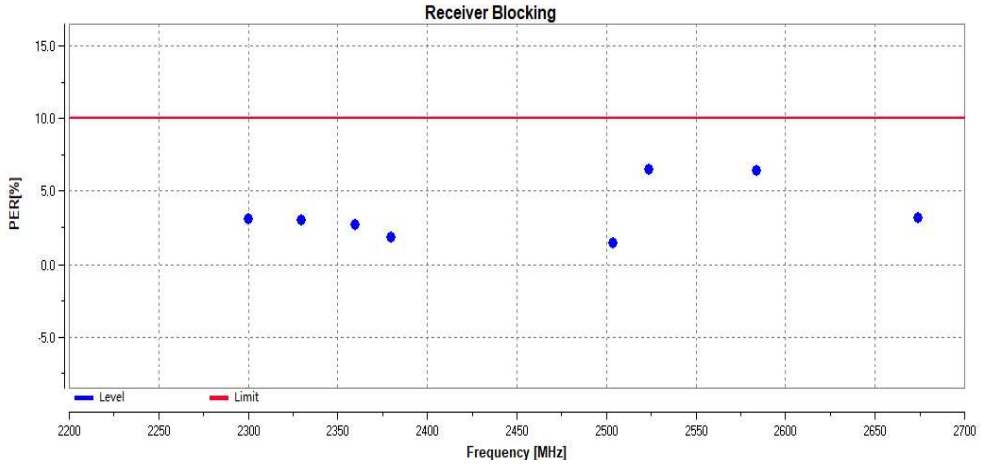


2DH1_Ant1_Hop



Fre.	2300	2330	2360	2380	2504	2524	2584	2674
PER	1.19	1.77	1.19	1.48	0.60	4.49	5.12	4.76

3DH1_Ant1_Hop

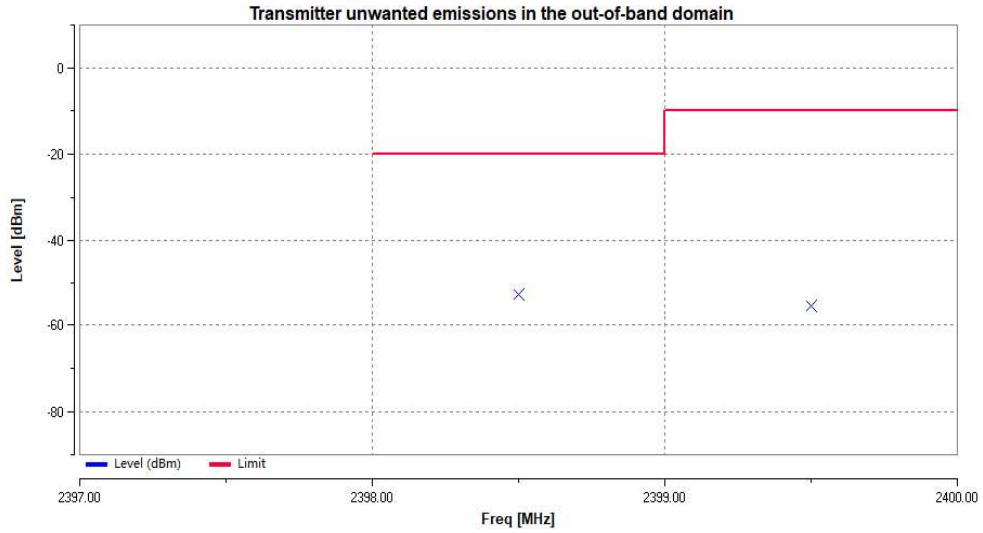


Fre.	2300	2330	2360	2380	2504	2524	2584	2674
PER	3.10	3.01	2.72	1.86	1.48	6.54	6.45	3.19

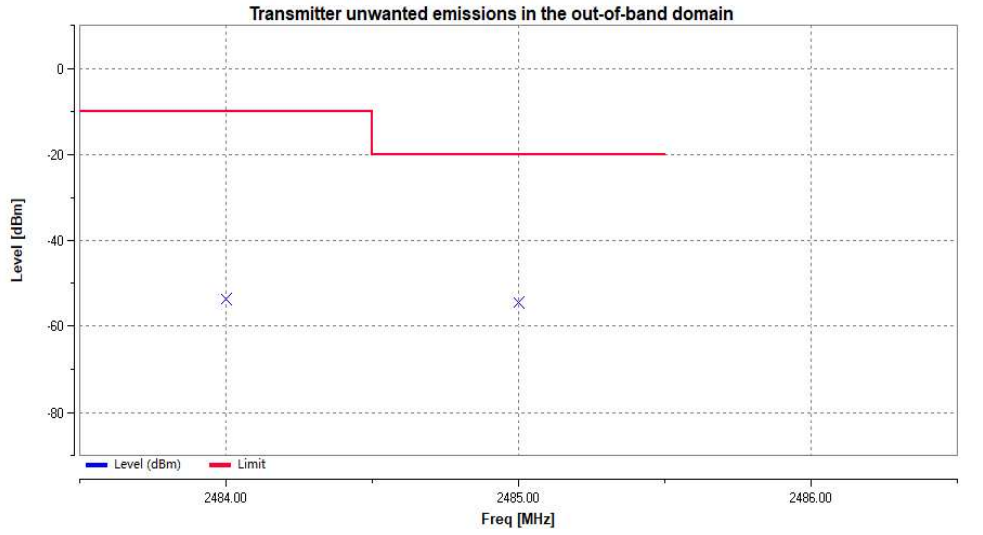
9 Appendix A.9 : Tx unwanted emissions in the out-of-band domain

TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	2398.5	-52.52	-20.00	PASS
			2399.5	-55.11	-10.00	PASS
			2484	-53.68	-10.00	PASS
			2485	-54.29	-20.00	PASS
2DH5	Ant1	Hop	2398.08	-45.27	-20.00	PASS
			2399.5	-40.25	-10.00	PASS
			2484	-52.6	-10.00	PASS
			2485.42	-46.25	-20.00	PASS
3DH5	Ant1	Hop	2398.28	-53.83	-20.00	PASS
			2399.5	-51.31	-10.00	PASS
			2484	-50.42	-10.00	PASS
			2485.22	-49.67	-20.00	PASS

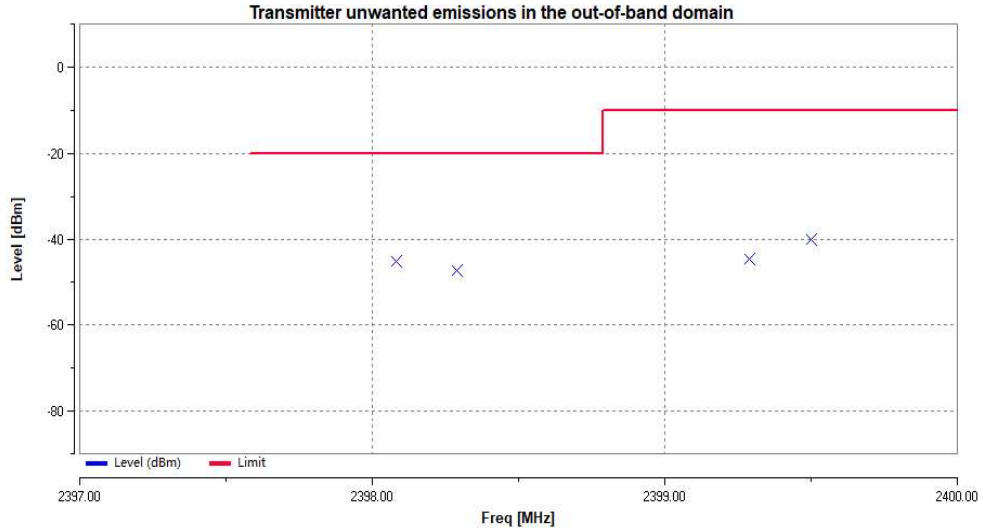
DH5_Ant1_Hop_2400MHz-2BW to 2400MHz



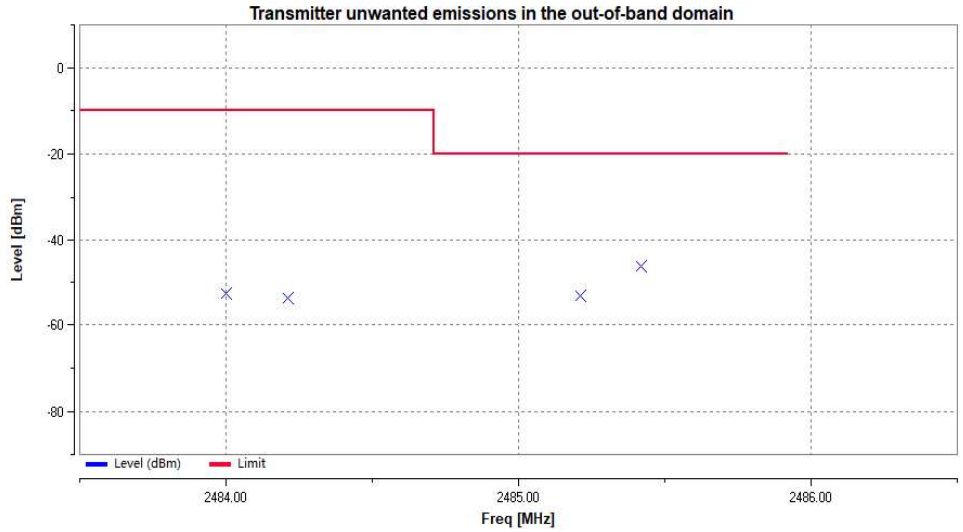
DH5_Ant1_Hop_2483.5MHz to 2483.5MHz+2BW



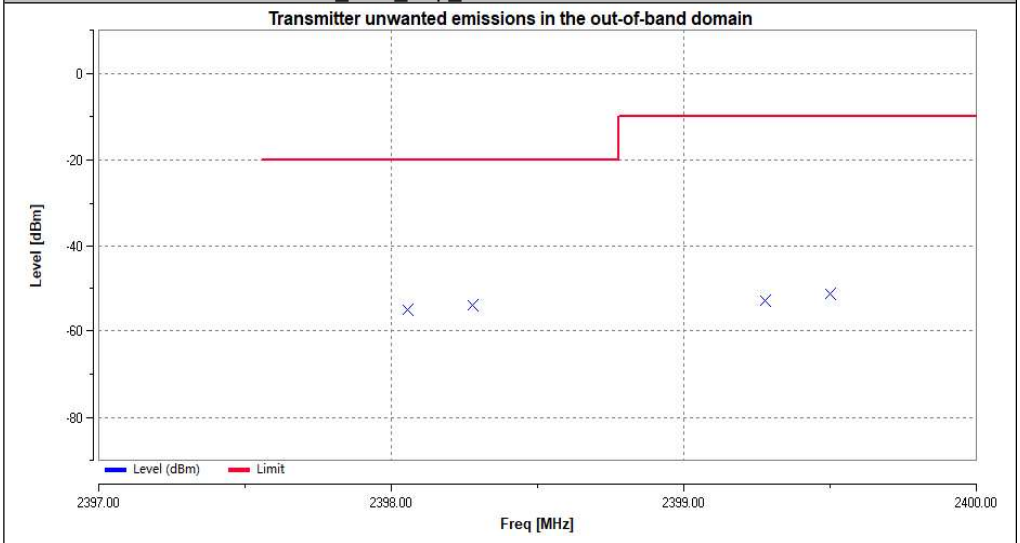
2DH5_Ant1_Hop_2400MHz-2BW to 2400MHz



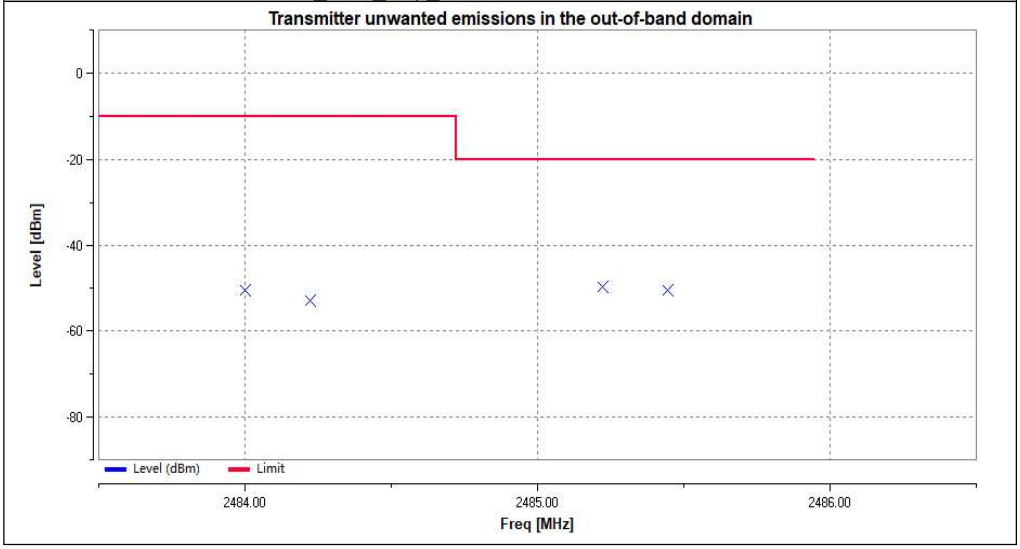
2DH5_Ant1_Hop_2483.5MHz to 2483.5MHz+2BW



3DH5_Ant1_Hop_2400MHz-2BW to 2400MHz

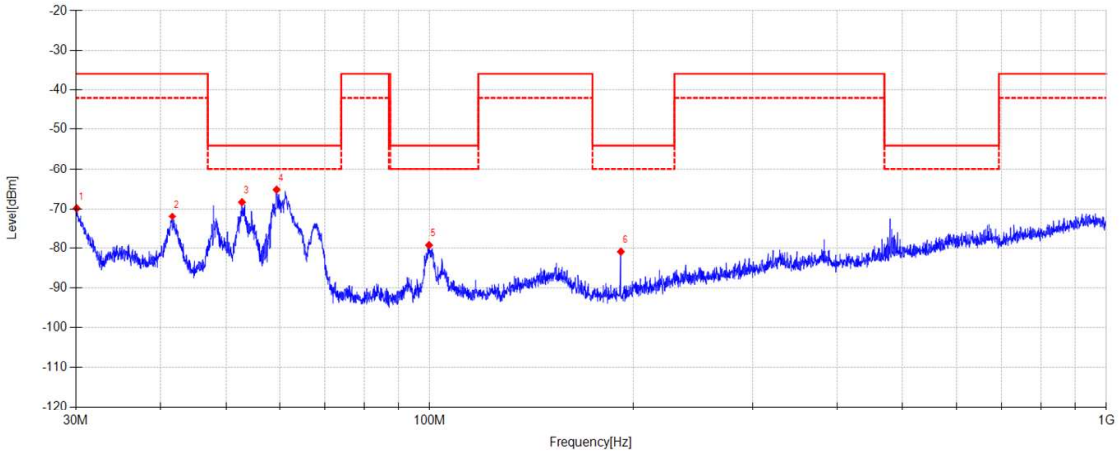


3DH5_Ant1_Hop_2483.5MHz to 2483.5MHz+2BW



10 Appendix A.9: Test Plots of Transmitter Unwanted Emission in the spurious domain

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

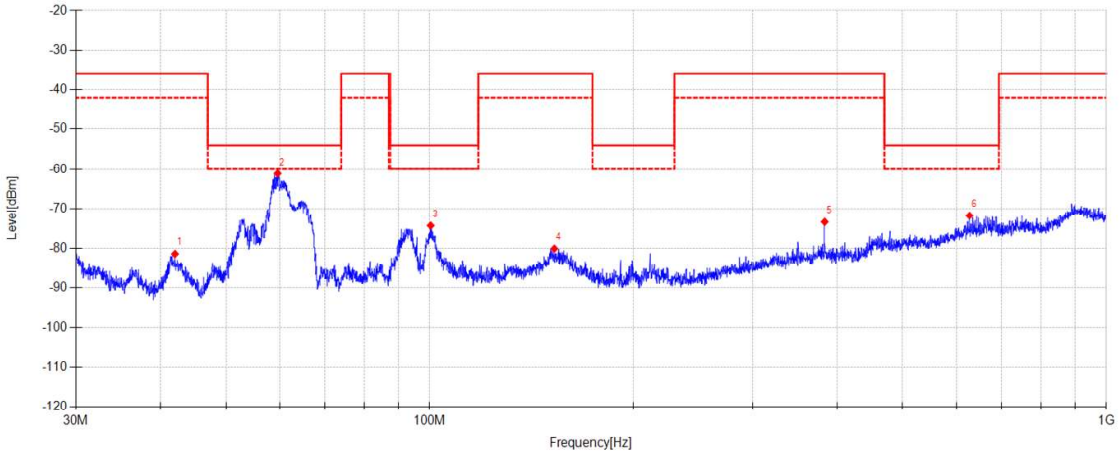


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	44.48	-114.29	-69.81	-36.00	33.81	PK	Horizontal	ERP
2	41.652	40.24	-112.18	-71.94	-36.00	35.94	PK	Horizontal	ERP
3	52.791	43.54	-111.81	-68.27	-54.00	14.27	PK	Horizontal	ERP
4	59.391	48.26	-113.42	-65.16	-54.00	11.16	PK	Horizontal	ERP
5	99.784	36.98	-116.23	-79.25	-54.00	25.25	PK	Horizontal	ERP
6	191.674	35.92	-116.79	-80.87	-54.00	26.87	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

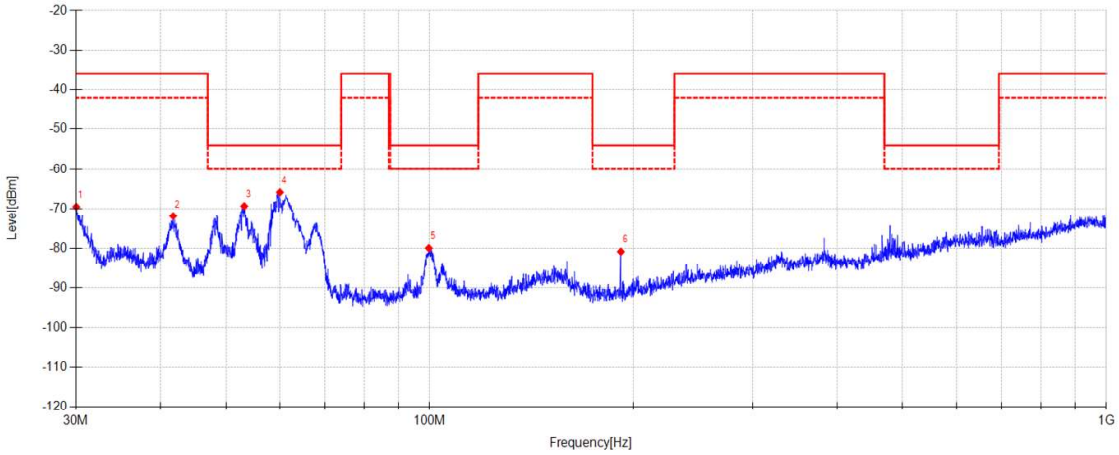


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	42.033	35.33	-116.63	-81.30	-36.00	45.30	PK	Vertical	ERP
2	59.599	54.72	-115.84	-61.12	-54.00	7.12	PK	Vertical	ERP
3	100.345	36.91	-111.25	-74.34	-54.00	20.34	PK	Vertical	ERP
4	152.829	34.72	-114.73	-80.01	-36.00	44.01	PK	Vertical	ERP
5	383.467	34.56	-107.96	-73.40	-36.00	37.40	PK	Vertical	ERP
6	627.772	30.61	-102.40	-71.79	-54.00	17.79	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

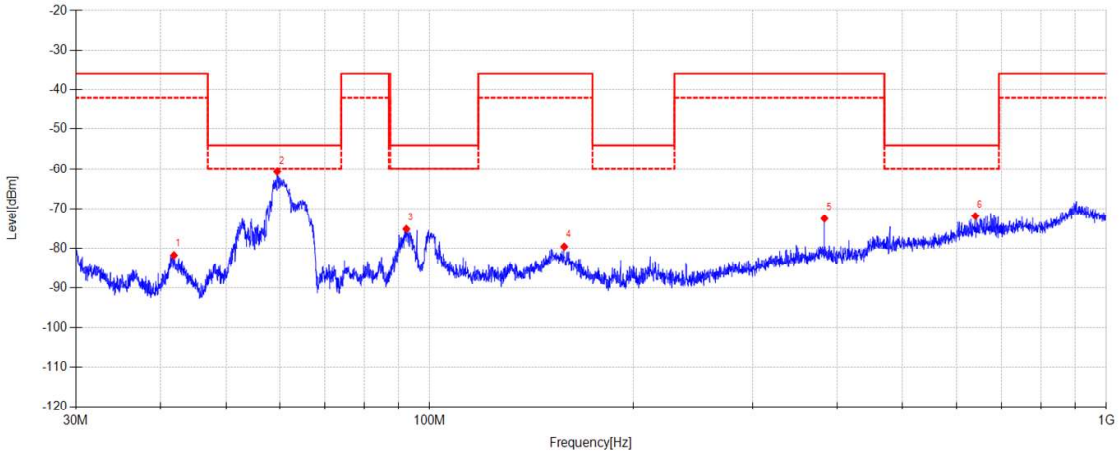


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	44.78	-114.29	-69.51	-36.00	33.51	PK	Horizontal	ERP
2	41.769	40.27	-112.17	-71.90	-36.00	35.90	PK	Horizontal	ERP
3	53.200	42.55	-111.90	-69.35	-54.00	15.35	PK	Horizontal	ERP
4	60.061	47.75	-113.60	-65.85	-54.00	11.85	PK	Horizontal	ERP
5	99.714	36.37	-116.24	-79.87	-54.00	25.87	PK	Horizontal	ERP
6	191.674	36.03	-116.79	-80.76	-54.00	26.76	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

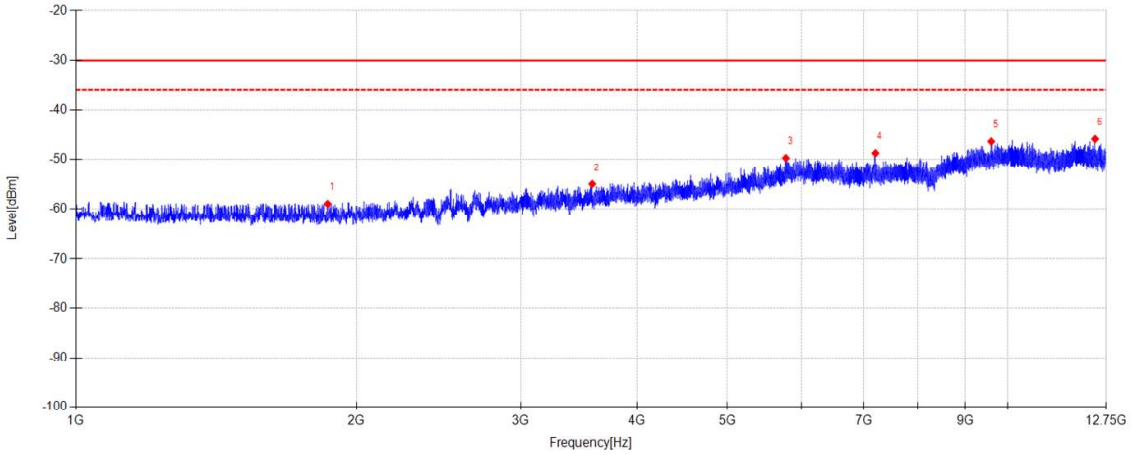


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	41.886	35.00	-116.64	-81.64	-36.00	45.64	PK	Vertical	ERP
2	59.516	55.16	-115.84	-60.68	-54.00	6.68	PK	Vertical	ERP
3	92.377	37.47	-112.63	-75.16	-54.00	21.16	PK	Vertical	ERP
4	158.060	35.19	-114.72	-79.53	-36.00	43.53	PK	Vertical	ERP
5	383.198	35.39	-107.96	-72.57	-36.00	36.57	PK	Vertical	ERP
6	640.219	30.33	-102.24	-71.91	-54.00	17.91	PK	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005 Power Setting:NA		

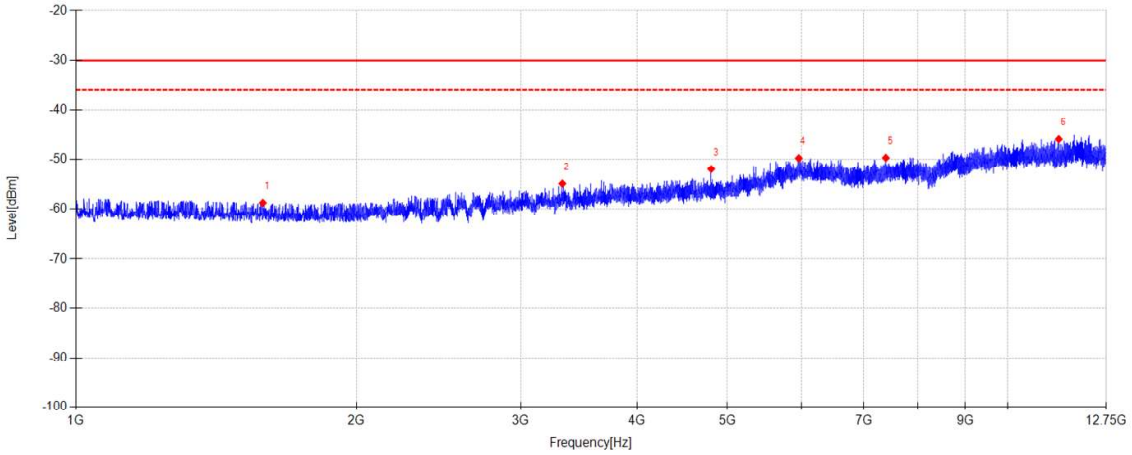


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1862.646	45.65	-104.66	-59.01	**-30.00**	29.01	PK	Horizontal	EIRP
2	3580.594	46.74	-101.75	-55.01	**-30.00**	25.01	PK	Horizontal	EIRP
3	5777.354	45.33	-95.04	-49.71	**-30.00**	19.71	PK	Horizontal	EIRP
4	7206.938	45.69	-94.43	-48.74	**-30.00**	18.74	PK	Horizontal	EIRP
5	9594.146	42.86	-89.30	-46.44	**-30.00**	16.44	PK	Horizontal	EIRP
6	12399.948	42.49	-88.43	-45.94	**-30.00**	15.94	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005 Power Setting:NA		

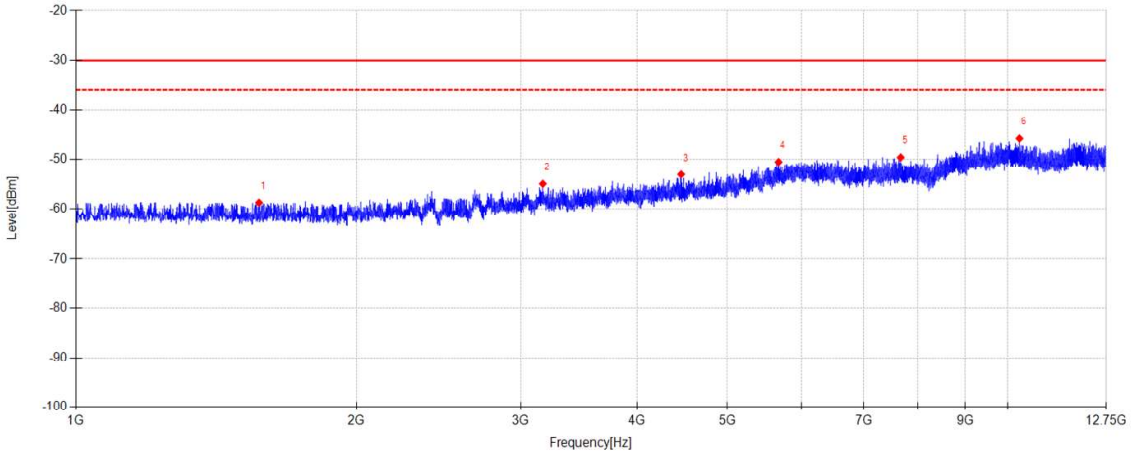


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1587.010	45.48	-104.29	-58.81	**-30.00**	28.81	PK	Vertical	EIRP
2	3326.010	47.20	-102.14	-54.94	**-30.00**	24.94	PK	Vertical	EIRP
3	4804.552	47.32	-99.28	-51.96	**-30.00**	21.96	PK	Vertical	EIRP
4	5964.375	44.51	-94.25	-49.74	**-30.00**	19.74	PK	Vertical	EIRP
5	7395.427	44.46	-94.12	-49.66	**-30.00**	19.66	PK	Vertical	EIRP
6	11336.573	42.02	-88.00	-45.98	**-30.00**	15.98	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005 Power Setting:NA		

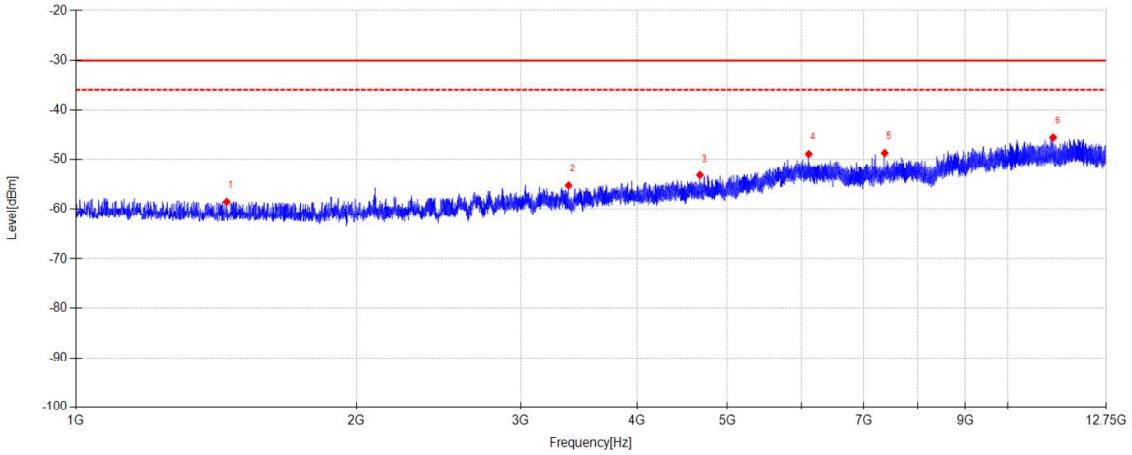


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1572.323	45.82	-104.59	-58.77	**-30.00**	28.77	PK	Horizontal	EIRP
2	3169.344	47.45	-102.42	-54.97	**-30.00**	24.97	PK	Horizontal	EIRP
3	4460.375	46.76	-99.83	-53.07	**-30.00**	23.07	PK	Horizontal	EIRP
4	5674.052	44.99	-95.49	-50.50	**-30.00**	20.50	PK	Horizontal	EIRP
5	7671.552	44.27	-93.84	-49.57	**-30.00**	19.57	PK	Horizontal	EIRP
6	10287.396	43.31	-89.16	-45.85	**-30.00**	15.85	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	TX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005 Power Setting:NA		



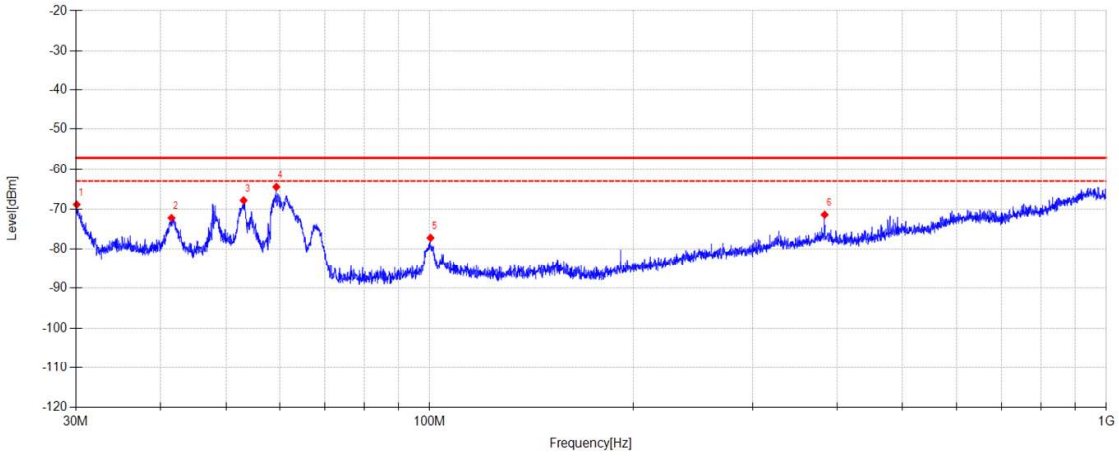
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1451.396	45.65	-104.23	-58.58	**-30.00**	28.58	PK	Vertical	EIRP
2	3377.417	46.75	-102.06	-55.31	**-30.00**	25.31	PK	Vertical	EIRP
3	4672.854	46.37	-99.59	-53.22	**-30.00**	23.22	PK	Vertical	EIRP
4	6113.208	45.25	-94.16	-48.91	**-30.00**	18.91	PK	Vertical	EIRP
5	7375.354	45.46	-94.16	-48.70	**-30.00**	18.70	PK	Vertical	EIRP
6	11180.396	42.35	-88.02	-45.67	**-30.00**	15.67	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

11 Appendix A.10: Test Plots of Receiver Spurious Emission

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

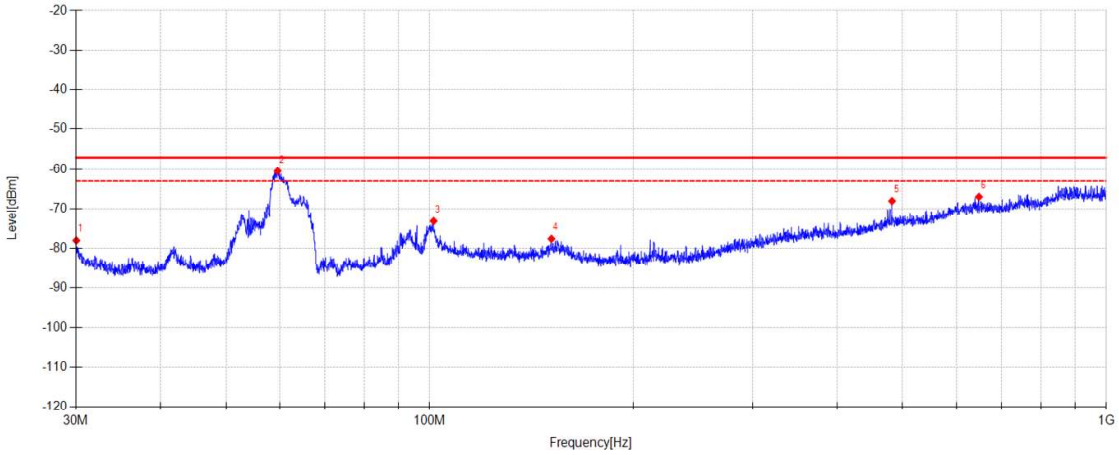


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	45.44	-114.29	-68.85	-57.00	11.85	PK	Horizontal	ERP
2	41.535	39.98	-112.19	-72.21	-57.00	15.21	PK	Horizontal	ERP
3	53.088	44.07	-111.88	-67.81	-57.00	10.81	PK	Horizontal	ERP
4	59.349	48.95	-113.42	-64.47	-57.00	7.47	PK	Horizontal	ERP
5	100.275	39.01	-116.21	-77.20	-57.00	20.20	PK	Horizontal	ERP
6	383.467	38.29	-109.68	-71.39	-57.00	14.39	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		



Suspected Data List

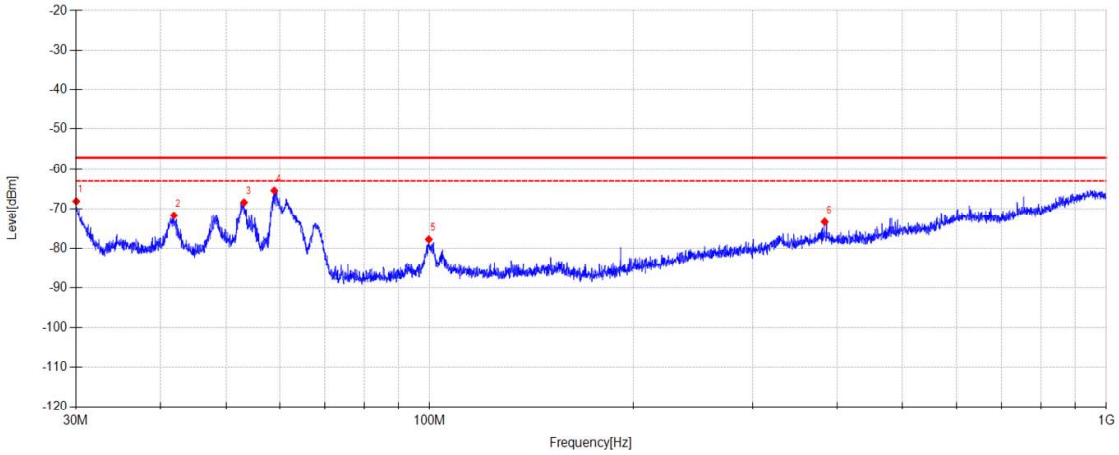
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	39.86	-117.86	-78.00	-57.00	21.00	PK	Vertical	ERP
2	59.599	55.34	-115.84	-60.50	-57.00	3.50	PK	Vertical	ERP
3	101.335	38.09	-111.31	-73.22	-57.00	16.22	PK	Vertical	ERP
4	151.336	37.14	-114.73	-77.59	-57.00	20.59	PK	Vertical	ERP
5	482.286	37.56	-105.61	-68.05	-57.00	11.05	PK	Vertical	ERP
6	648.350	35.15	-102.14	-66.99	-57.00	9.99	PK	Vertical	ERP

Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	60.008	45.50	-115.84	-70.34	-57.00	13.34	RMS	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

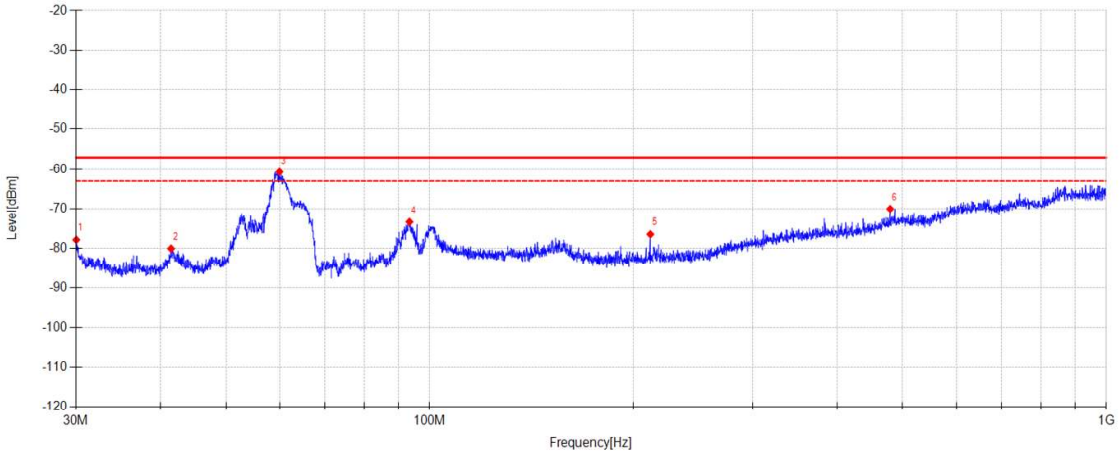


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	46.18	-114.29	-68.11	-57.00	11.11	PK	Horizontal	ERP
2	41.886	40.41	-112.15	-71.74	-57.00	14.74	PK	Horizontal	ERP
3	53.162	43.49	-111.89	-68.40	-57.00	11.40	PK	Horizontal	ERP
4	58.934	47.87	-113.31	-65.44	-57.00	8.44	PK	Horizontal	ERP
5	99.714	38.50	-116.24	-77.74	-57.00	20.74	PK	Horizontal	ERP
6	383.467	36.29	-109.68	-73.39	-57.00	16.39	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		



Suspected Data List

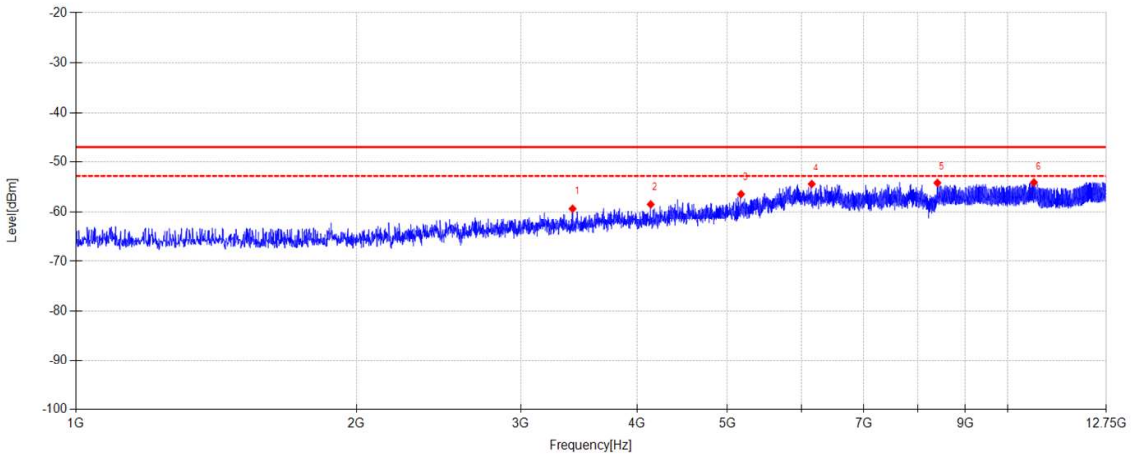
NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	40.02	-117.86	-77.84	-57.00	20.84	PK	Vertical	ERP
2	41.477	36.68	-116.68	-80.00	-57.00	23.00	PK	Vertical	ERP
3	59.977	55.14	-115.84	-60.70	-57.00	3.70	PK	Vertical	ERP
4	93.354	39.04	-112.45	-73.41	-57.00	16.41	PK	Vertical	ERP
5	211.889	37.83	-114.30	-76.47	-57.00	19.47	PK	Vertical	ERP
6	479.252	35.70	-105.73	-70.03	-57.00	13.03	PK	Vertical	ERP

Final Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	59.977	45.33	-115.84	-70.51	-57.00	13.51	RMS	Vertical	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

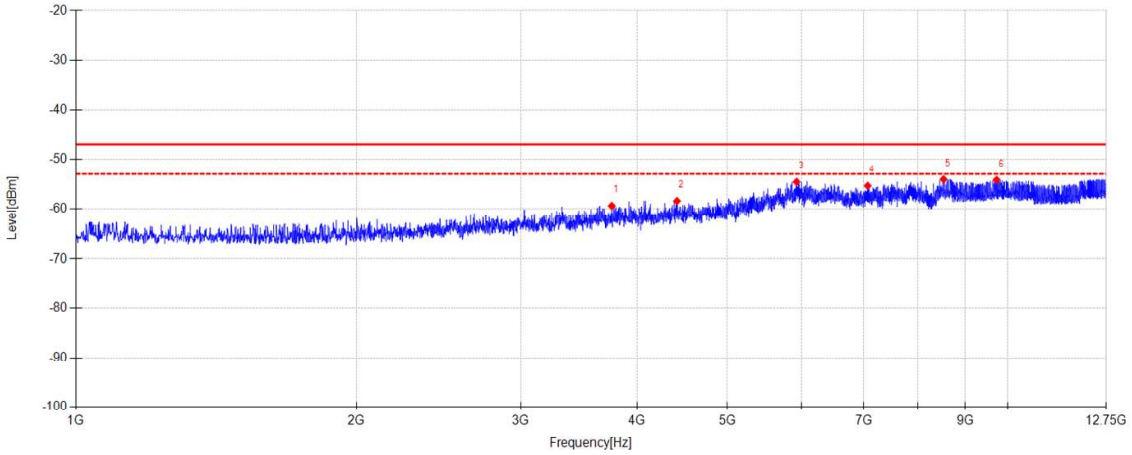


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3411.100	42.66	-102.03	-59.37	**-47.00**	12.37	PK	Horizontal	EIRP
2	4137.250	42.19	-100.71	-58.52	**-47.00**	11.52	PK	Horizontal	EIRP
3	5171.250	41.10	-97.62	-56.52	**-47.00**	9.52	PK	Horizontal	EIRP
4	6158.250	39.66	-94.20	-54.54	**-47.00**	7.54	PK	Horizontal	EIRP
5	8400.150	37.60	-91.93	-54.33	**-47.00**	7.33	PK	Horizontal	EIRP
6	10660.850	35.04	-89.28	-54.24	**-47.00**	7.24	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2402MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

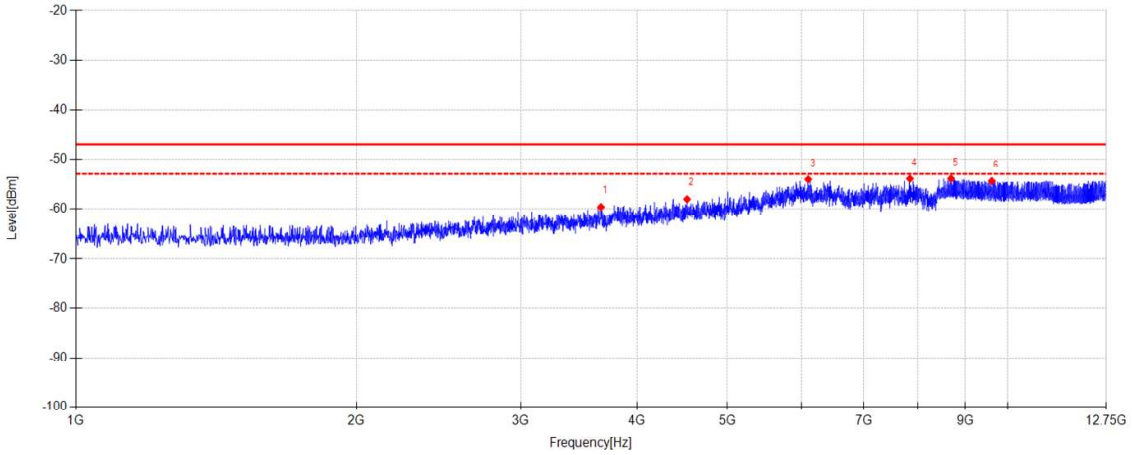


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3757.725	42.06	-101.48	-59.42	**-47.00**	12.42	PK	Vertical	EIRP
2	4414.550	41.75	-100.18	-58.43	**-47.00**	11.43	PK	Vertical	EIRP
3	5932.650	39.80	-94.39	-54.59	**-47.00**	7.59	PK	Vertical	EIRP
4	7071.225	39.33	-94.71	-55.38	**-47.00**	8.38	PK	Vertical	EIRP
5	8528.225	37.36	-91.43	-54.07	**-47.00**	7.07	PK	Vertical	EIRP
6	9724.375	35.49	-89.68	-54.19	**-47.00**	7.19	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		

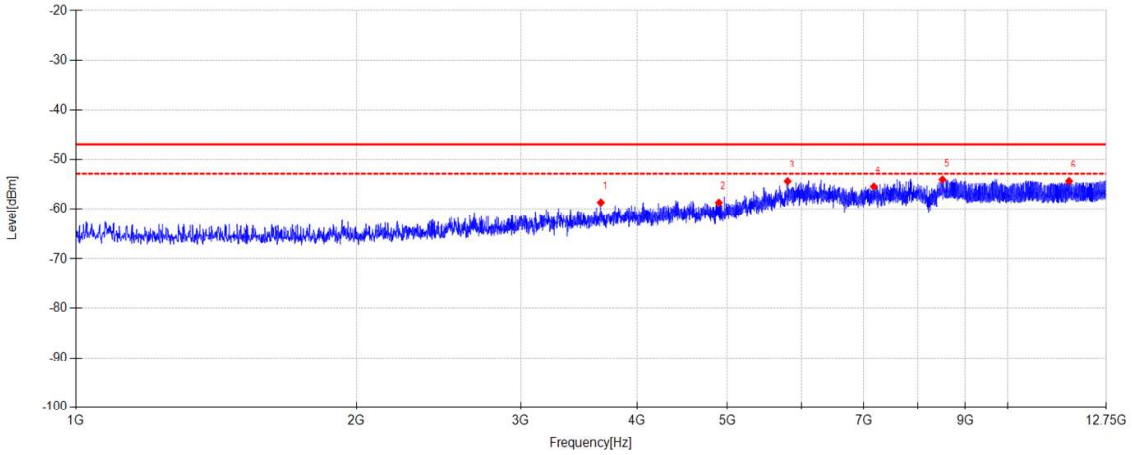


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3659.025	41.97	-101.63	-59.66	**-47.00**	12.66	PK	Horizontal	EIRP
2	4526.175	41.56	-99.64	-58.08	**-47.00**	11.08	PK	Horizontal	EIRP
3	6104.200	40.10	-94.17	-54.07	**-47.00**	7.07	PK	Horizontal	EIRP
4	7849.075	39.68	-93.63	-53.95	**-47.00**	6.95	PK	Horizontal	EIRP
5	8689.200	36.91	-90.83	-53.92	**-47.00**	6.92	PK	Horizontal	EIRP
6	9606.875	34.88	-89.30	-54.42	**-47.00**	7.42	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-07	**Tested By**:	Lin Guoyuan
EUT:	EDF100011	**Model Number**:	R1280DBs
Test Mode:	RX DH5 2480MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.3°C;Humi:54.4%	**Test Site**:	DDT 3# Chamber
Memo:	Sample Numble:S25101023-005		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3657.850	42.89	-101.63	-58.74	**-47.00**	11.74	PK	Vertical	EIRP
2	4896.300	40.32	-99.08	-58.76	**-47.00**	11.76	PK	Vertical	EIRP
3	5802.225	40.54	-95.02	-54.48	**-47.00**	7.48	PK	Vertical	EIRP
4	7179.325	38.97	-94.52	-55.55	**-47.00**	8.55	PK	Vertical	EIRP
5	8504.725	37.34	-91.50	-54.16	**-47.00**	7.16	PK	Vertical	EIRP
6	11629.050	33.49	-87.95	-54.46	**-47.00**	7.46	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Appendix B

Test Results of EMC

1 APPENDIX B.1: TEST PLOTS OF HARMONIC 2
2 APPENDIX B.2: TEST PLOTS OF FLICKER 20
3 APPENDIX B.3: TEST PLOTS OF CONDUCTED EMISSION 24
4 APPENDIX B.4 : RADIATED EMISSIONS, BELOW 1GHZ 44
5 APPENDIX B.5 : RADIATED EMISSIONS, ABOVE 1GHZ 64

1 Appendix B.1: Test Plots of Harmonic

Report Number :	Report_Q25092202-1E 20251106 Harmonic Bluetooth mode PASS
Test Object :	Active Speaker
Test Standard :	IEC 61000-3-2 (Ed5-1) - Class A (230V - 50Hz)
Tester :	Jianhao Xu
Company :	Guangdong Dongdian Testing Service Co., Ltd.
Test Date :	11/6/2025 6:55:31 PM

Result			
E.U.T. :	PASS	Source :	PASS

Test Object / Product			
Name :	Active Speaker	Operation Mode :	Bluetooth mode
Serial Number :	S25092202-005	Connection :	/
Description :	EDF100011		

Climatic Conditions					
Temperature :	24 °C	Pressure :	101 kPa	Humidity :	48 %

Measures & Analysis			
Measure Window :	10 periods	Voltage Range :	500 V
Refresh Interval :	2 s	Current Range :	200 A
Sampling Rate :	10.24 kS/s		
Scaled Window :	Rectangular		
According :	IEC 61000-3-2 (Edition 5.1) Limits for harmonic current emissions (equipment input current < 16 A per phase)		

Standard Group:	Industry
Standard Name:	IEC 61000-3-2 (Edition 5.1)
	Limits for harmonic current emissions (equipment input current < 16 A per phase)
Device Under Test:	PASS
Power Source:	PASS
Connection Type:	L - N
Main Line:	230 V, 50 Hz
Classification:	Class A
Appli. of Limits:	less than or equal to 200 %
Test Duration:	3 min

Check Harmonics 2..40			
First harmonic order > 200 %			
Line 1:	None		
Harmonics orders > 200 %			
Line 1:	None		
Harmonics orders with average > 90 %			
Line 1:	None		
First harmonic order between 150% and 200% during more than 10% of the test time or max. 10 min			
Line 1:	None		
Harmonic order between 150% and 200% during more than 10% of the test time or max. 10 min			
Line 1:	None		

Measured values			
Fundamental Current			
Line 1:	0.099 A		
Active input Power			
Line 1:	19.84 W *		
Circuit power factor			
Line 1:	0.381 *		

** Absolute value.*

Prerequisite for simplified method **fulfilled**			
First time window with THD(I) > 15 %			
Line 1:	None		
Time window with max THD(I) > 15 %			
Line 1:	None		
Current emission below 60 % of the applicable limits			
Line 1:	Yes		
Active Input Power			
Line 1:	20 W *		

** Absolute value.*

Current Test Result

Average and Maximum harmonic current results									
Hn	Average (90% *)				Maximum (200%)				Harmonic Result
	Ieff [A]	of Limit [%]	Limit [A]	Result	Ieff [A]	of Limit [%]	Limit [A]	Result	
1	0.098				0.099				
2	0.001	0.118	0.972	n/a	0.001	0.063	2.160	n/a	PASS
3	0.091	4.374	2.070	PASS	0.091	1.976	4.600	PASS	PASS
4	0.001	0.371	0.387	n/a	0.002	0.180	0.860	n/a	PASS
5	0.086	8.371	1.026	PASS	0.086	3.784	2.280	PASS	PASS
6	0.001	0.494	0.270	n/a	0.001	0.248	0.600	n/a	PASS
7	0.081	11.644	0.693	PASS	0.081	5.265	1.540	PASS	PASS
8	0.001	0.716	0.207	n/a	0.002	0.383	0.460	n/a	PASS
9	0.075	20.792	0.360	PASS	0.075	9.399	0.800	PASS	PASS
10	0.002	1.430	0.166	n/a	0.003	0.697	0.368	n/a	PASS
11	0.066	22.301	0.297	PASS	0.067	10.146	0.660	PASS	PASS
12	0.002	1.524	0.138	n/a	0.003	0.837	0.307	n/a	PASS
13	0.057	29.930	0.189	PASS	0.057	13.597	0.420	PASS	PASS
14	0.001	1.158	0.118	n/a	0.002	0.572	0.263	n/a	PASS
15	0.047	34.915	0.135	PASS	0.048	15.905	0.300	PASS	PASS
16	0.001	1.199	0.104	n/a	0.001	0.592	0.230	n/a	PASS
17	0.038	31.630	0.119	PASS	0.038	14.464	0.265	PASS	PASS
18	0.002	1.702	0.092	n/a	0.002	0.921	0.204	n/a	PASS
19	0.029	27.146	0.107	PASS	0.030	12.565	0.237	PASS	PASS
20	0.001	1.647	0.083	n/a	0.001	0.800	0.184	n/a	PASS
21	0.021	21.777	0.096	PASS	0.022	10.113	0.214	PASS	PASS
22	0.001	1.425	0.075	n/a	0.001	0.699	0.167	n/a	PASS
23	0.015	16.573	0.088	PASS	0.015	7.780	0.196	PASS	PASS
24	0.001	1.358	0.069	n/a	0.001	0.686	0.153	n/a	PASS
25	0.010	12.286	0.081	PASS	0.011	5.930	0.180	PASS	PASS
26	0.001	1.391	0.064	n/a	0.001	0.743	0.142	n/a	PASS
27	0.008	10.306	0.075	PASS	0.008	5.059	0.167	PASS	PASS
28	0.001	1.612	0.059	n/a	0.001	0.825	0.131	n/a	PASS
29	0.008	11.383	0.070	PASS	0.009	5.620	0.155	PASS	PASS
30	0.001	1.600	0.055	n/a	0.001	0.813	0.123	n/a	PASS
31	0.009	13.197	0.065	PASS	0.010	6.573	0.145	PASS	PASS
32	0.001	1.585	0.052	n/a	0.001	0.800	0.115	n/a	PASS
33	0.009	14.800	0.061	PASS	0.010	7.355	0.136	PASS	PASS
34	0.001	1.635	0.049	n/a	0.001	0.823	0.108	n/a	PASS
35	0.009	15.265	0.058	PASS	0.010	7.652	0.129	PASS	PASS
36	0.001	1.756	0.046	n/a	0.001	0.872	0.102	n/a	PASS
37	0.008	14.773	0.055	PASS	0.009	7.578	0.122	PASS	PASS
38	0.001	1.766	0.044	n/a	0.001	0.912	0.097	n/a	PASS
39	0.007	13.175	0.052	PASS	0.008	7.015	0.115	PASS	PASS
40	0.001	1.874	0.041	n/a	0.001	0.943	0.092	n/a	PASS

Note: Harmonic currents less than 0.6 % of the input current measured under the test conditions, or less than 5 mA,

whichever is greater, are disregarded.
** Application of limits for average is 90% for all harmonics.*

Voltage Source Verification

Harmonic voltage results				
Hn	Ueff [V]	Ueff [%]	Limit [%]	Result
1	231.236	100.537		
2	0.185	0.080	0.200	PASS
3	0.059	0.026	0.900	PASS
4	0.072	0.031	0.200	PASS
5	0.059	0.026	0.400	PASS
6	0.049	0.021	0.200	PASS
7	0.049	0.021	0.300	PASS
8	0.039	0.017	0.200	PASS
9	0.036	0.016	0.200	PASS
10	0.029	0.013	0.200	PASS
11	0.049	0.021	0.100	PASS
12	0.024	0.010	0.100	PASS
13	0.020	0.009	0.100	PASS
14	0.021	0.009	0.100	PASS
15	0.036	0.016	0.100	PASS
16	0.020	0.009	0.100	PASS
17	0.017	0.008	0.100	PASS
18	0.022	0.010	0.100	PASS
19	0.030	0.013	0.100	PASS
20	0.017	0.007	0.100	PASS
21	0.010	0.004	0.100	PASS
22	0.016	0.007	0.100	PASS
23	0.024	0.010	0.100	PASS
24	0.014	0.006	0.100	PASS
25	0.023	0.010	0.100	PASS
26	0.014	0.006	0.100	PASS
27	0.023	0.010	0.100	PASS
28	0.020	0.009	0.100	PASS
29	0.026	0.011	0.100	PASS
30	0.015	0.006	0.100	PASS
31	0.010	0.004	0.100	PASS
32	0.015	0.007	0.100	PASS
33	0.018	0.008	0.100	PASS
34	0.011	0.005	0.100	PASS
35	0.007	0.003	0.100	PASS
36	0.011	0.005	0.100	PASS
37	0.016	0.007	0.100	PASS
38	0.010	0.004	0.100	PASS
39	0.012	0.005	0.100	PASS
40	0.010	0.005	0.100	PASS

Maximum / Average Values

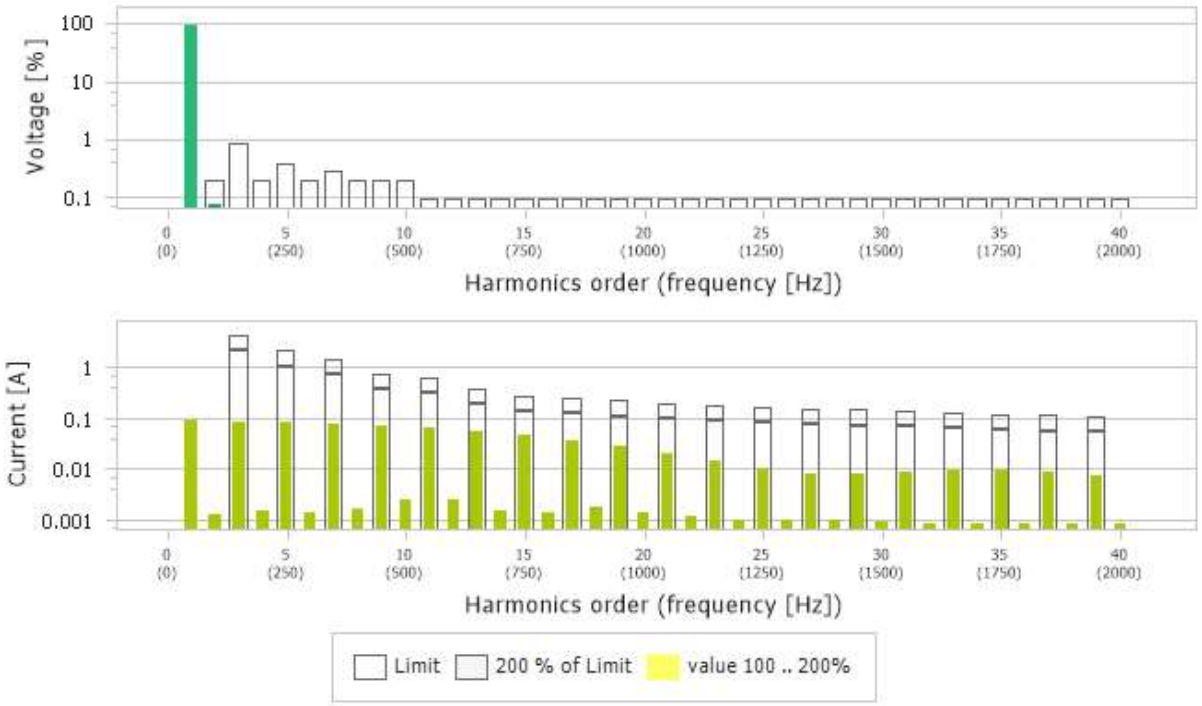
	Line 1
Maximum Values	
Frequency	50 Hz
Voltage RMS	231.2 V
Current RMS	0.2265 A
Peak Current	1.009 A
Fundamental Current	0.09922 A
Current Crest Factor	4.471
Active Power P	19.87 W
Power Factor	0.3817
Total Harmonic Current (THC)	0.2036 A
Instantaneous Partial Odd Harmonic Current (Inst. POHC)	0.03730 A
Total Harmonic Distortion Current (THDC)	2.055
Average Values	
Total Harmonic Current (THC)	0.2025 A
Instantaneous Partial Odd Harmonic Current (Inst. POHC)	0.03500 A
Total Harmonic Distortion Current (THDC)	2.043

Maximum Harmonics

Maximum Harmonics (Line 1)

Hn	Frequency	Voltage					Current				
	[Hz]	eff [V]	eff [%]	of Limit [%]	Limit [%]	Time Window	eff [A]	eff[%]	of Limit [%]	Limit [A]	Time Window
1	50.0	231.236	100.54	-	-	848	0.099	100.00	-	-	1
2	100.0	0.185	0.08	40.12	0.20	634	*0.001*	1.38	*0.06*	*2.16*	522
3	150.0	0.059	0.03	2.84	0.90	33	0.091	92.15	1.99	4.60	1
4	200.0	0.072	0.03	15.67	0.20	118	*0.002*	1.57	*0.18*	*0.86*	664
5	250.0	0.059	0.03	6.39	0.40	167	0.086	87.04	3.78	2.28	273
6	300.0	0.049	0.02	10.68	0.20	4	*0.001*	1.50	*0.25*	*0.60*	476
7	350.0	0.049	0.02	7.08	0.30	524	0.081	81.80	5.26	1.54	614
8	400.0	0.039	0.02	8.47	0.20	249	*0.002*	1.78	*0.38*	*0.46*	365
9	450.0	0.036	0.02	7.81	0.20	820	0.075	75.86	9.40	0.80	743
10	500.0	0.029	0.01	6.41	0.20	791	*0.003*	2.62	*0.71*	*0.37*	1
11	550.0	0.049	0.02	21.09	0.10	168	0.067	67.56	10.15	0.66	287
12	600.0	0.024	0.01	10.37	0.10	632	*0.003*	2.59	*0.84*	*0.31*	526
13	650.0	0.020	0.01	8.68	0.10	589	0.057	57.62	13.60	0.42	848
14	700.0	0.021	0.01	9.15	0.10	52	*0.002*	1.66	*0.63*	*0.26*	1
15	750.0	0.036	0.02	15.66	0.10	521	0.048	48.14	15.90	0.30	729
16	800.0	0.020	0.01	8.53	0.10	811	*0.001*	1.47	*0.63*	*0.23*	2
17	850.0	0.017	0.01	7.53	0.10	303	0.038	38.63	14.46	0.26	733
18	900.0	0.022	0.01	9.61	0.10	712	*0.002*	1.90	*0.92*	*0.20*	703
19	950.0	0.030	0.01	12.94	0.10	886	0.030	30.02	12.57	0.24	885
20	1000.0	0.017	0.01	7.31	0.10	897	*0.001*	1.49	*0.80*	*0.18*	607
21	1050.0	0.010	0.00	4.24	0.10	804	0.022	21.86	10.11	0.21	702
22	1100.0	0.016	0.01	7.03	0.10	600	*0.001*	1.25	*0.74*	*0.17*	1
23	1150.0	0.024	0.01	10.45	0.10	253	0.015	15.36	7.78	0.20	900
24	1200.0	0.014	0.01	6.15	0.10	548	*0.001*	1.06	*0.69*	*0.15*	209
25	1250.0	0.023	0.01	9.88	0.10	782	0.011	10.77	5.93	0.18	697
26	1300.0	0.014	0.01	5.94	0.10	747	*0.001*	1.06	*0.74*	*0.14*	868
27	1350.0	0.023	0.01	10.20	0.10	525	0.008	8.51	5.06	0.17	701
28	1400.0	0.020	0.01	8.59	0.10	443	*0.001*	1.09	*0.83*	*0.13*	486
29	1450.0	0.026	0.01	11.34	0.10	722	0.009	8.80	5.62	0.16	595
30	1500.0	0.015	0.01	6.45	0.10	851	*0.001*	1.01	*0.81*	*0.12*	744
31	1550.0	0.010	0.00	4.37	0.10	205	0.010	9.63	6.57	0.15	177
32	1600.0	0.015	0.01	6.60	0.10	141	*0.001*	0.93	*0.80*	*0.12*	420
33	1650.0	0.018	0.01	7.95	0.10	747	0.010	10.12	7.35	0.14	188
34	1700.0	0.011	0.00	4.81	0.10	555	*0.001*	0.90	*0.82*	*0.11*	147
35	1750.0	0.007	0.00	3.15	0.10	128	0.010	9.93	7.65	0.13	392
36	1800.0	0.011	0.00	4.72	0.10	15	*0.001*	0.90	*0.87*	*0.10*	126
37	1850.0	0.016	0.01	7.16	0.10	613	0.009	9.30	7.58	0.12	729
38	1900.0	0.010	0.00	4.36	0.10	232	*0.001*	0.89	*0.91*	*0.10*	126
39	1950.0	0.012	0.01	5.39	0.10	637	0.008	8.17	7.02	0.12	617

40	2000.0	0.010	0.00	4.54	0.10	225	*0.001*	0.88	*0.94*	*0.09*	294

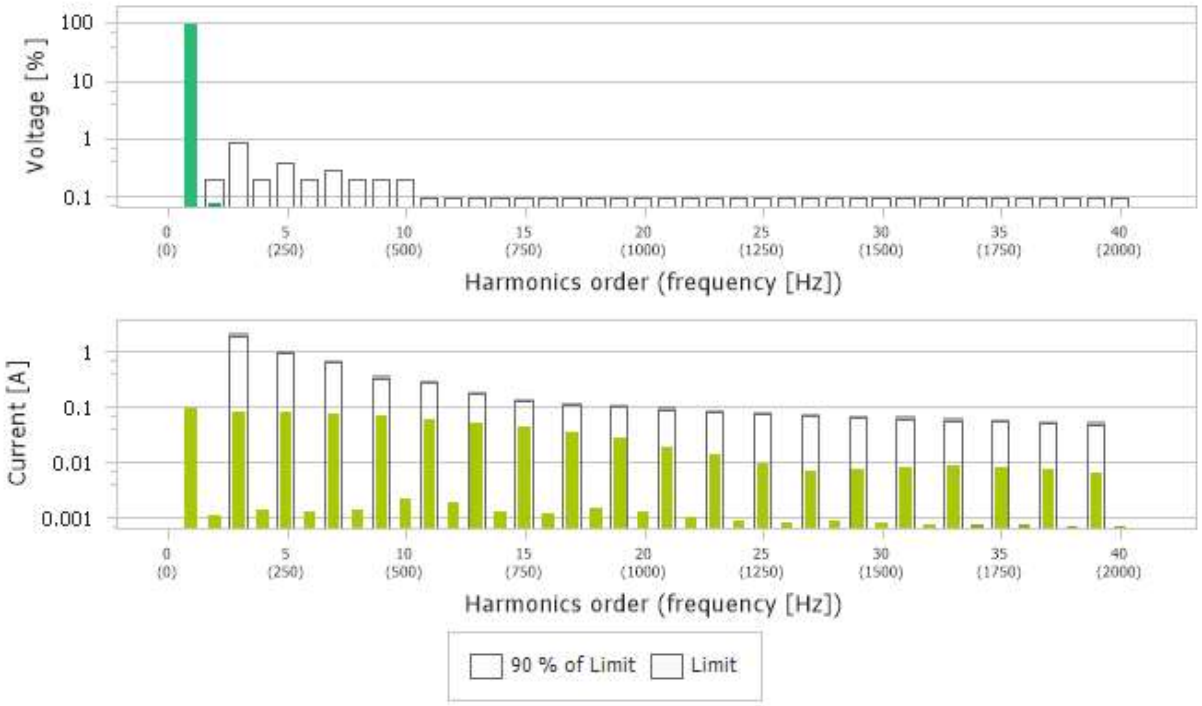


Average Harmonics

Average Harmonics (Line 1)

Voltage					Current				
eff [V]	eff [%]	of Limit [%]	Limit [%]	Pass / Fail	eff [A]	eff[%]	of Limit [%]	Limit [A]	Pass / Fail
231.221	100.53	-	-	*n/a*	0.098	98.92	-	-	*n/a*
0.176	0.08	38.20	0.20	Pass	*0.001*	1.16	*0.12*	*0.97*	*n/a*
0.050	0.02	2.42	0.90	Pass	0.091	91.35	4.37	2.07	Pass
0.066	0.03	14.35	0.20	Pass	*0.001*	1.45	*0.37*	*0.39*	*n/a*
0.049	0.02	5.35	0.40	Pass	0.086	86.66	8.37	1.03	Pass
0.041	0.02	9.00	0.20	Pass	*0.001*	1.35	*0.49*	*0.27*	*n/a*
0.039	0.02	5.59	0.30	Pass	0.081	81.41	11.64	0.69	Pass
0.034	0.01	7.31	0.20	Pass	*0.001*	1.50	*0.72*	*0.21*	*n/a*
0.029	0.01	6.25	0.20	Pass	0.075	75.52	20.79	0.36	Pass
0.024	0.01	5.11	0.20	Pass	*0.002*	2.39	*1.43*	*0.17*	*n/a*
0.040	0.02	17.22	0.10	Pass	0.066	66.82	22.30	0.30	Pass
0.018	0.01	7.68	0.10	Pass	*0.002*	2.12	*1.52*	*0.14*	*n/a*
0.014	0.01	5.97	0.10	Pass	0.057	57.07	29.93	0.19	Pass
0.016	0.01	6.76	0.10	Pass	*0.001*	1.38	*1.16*	*0.12*	*n/a*
0.030	0.01	13.19	0.10	Pass	0.047	47.55	34.91	0.14	Pass
0.012	0.01	5.38	0.10	Pass	*0.001*	1.25	*1.20*	*0.10*	*n/a*
0.010	0.00	4.56	0.10	Pass	0.038	38.01	31.63	0.12	Pass
0.012	0.01	5.21	0.10	Pass	*0.002*	1.58	*1.70*	*0.09*	*n/a*
0.020	0.01	8.55	0.10	Pass	0.029	29.19	27.15	0.11	Pass
0.011	0.00	4.75	0.10	Pass	*0.001*	1.38	*1.65*	*0.08*	*n/a*
0.006	0.00	2.45	0.10	Pass	0.021	21.19	21.78	0.10	Pass
0.011	0.00	4.67	0.10	Pass	*0.001*	1.08	*1.43*	*0.08*	*n/a*
0.019	0.01	8.32	0.10	Pass	0.015	14.72	16.57	0.09	Pass
0.009	0.00	4.09	0.10	Pass	*0.001*	0.95	*1.36*	*0.07*	*n/a*
0.019	0.01	8.24	0.10	Pass	0.010	10.04	12.29	0.08	Pass
0.008	0.00	3.67	0.10	Pass	*0.001*	0.89	*1.39*	*0.06*	*n/a*
0.016	0.01	6.94	0.10	Pass	0.008	7.80	10.31	0.08	Pass
0.012	0.01	5.15	0.10	Pass	*0.001*	0.96	*1.61*	*0.06*	*n/a*
0.018	0.01	7.93	0.10	Pass	0.008	8.02	11.38	0.07	Pass
0.009	0.00	4.01	0.10	Pass	*0.001*	0.89	*1.60*	*0.06*	*n/a*
0.005	0.00	2.33	0.10	Pass	0.009	8.70	13.20	0.07	Pass
0.009	0.00	4.01	0.10	Pass	*0.001*	0.83	*1.59*	*0.05*	*n/a*
0.014	0.01	5.97	0.10	Pass	0.009	9.16	14.80	0.06	Pass
0.007	0.00	2.86	0.10	Pass	*0.001*	0.80	*1.64*	*0.05*	*n/a*
0.003	0.00	1.34	0.10	Pass	0.009	8.91	15.26	0.06	Pass
0.006	0.00	2.62	0.10	Pass	*0.001*	0.82	*1.76*	*0.05*	*n/a*
0.012	0.01	5.09	0.10	Pass	0.008	8.16	14.77	0.05	Pass
0.006	0.00	2.57	0.10	Pass	*0.001*	0.78	*1.77*	*0.04*	*n/a*
0.007	0.00	2.96	0.10	Pass	0.007	6.90	13.18	0.05	Pass

0.006	0.00	2.79	0.10	Pass	*0.001*	0.78	*1.87*	*0.04*	*n/a*



Report Number :	Report_Q25092202-1E 20251106 Hatmonic LINE 1 in mode PASS)
Test Object :	Active Speaker
Test Standard :	IEC 61000-3-2 (Ed5-1) - Class A (230V - 50Hz)
Tester :	Jianhao Xu
Company :	Guangdong Dongdian Testing Service Co., Ltd.
Test Date :	11/6/2025 5:42:12 PM

Result

E.U.T. :	PASS	Source :	PASS

Test Object / Product

Name :	Active Speaker	Operation Mode :	LINE 1 in mode
Serial Number :	S25092202-005	Connection :	/
Description :	EDF100011		

Climatic Conditions

Temperature :	24 °C	Pressure :	101 kPa	Humidity :	48 %

Measures & Analysis

Measure Window :	10 periods	Voltage Range :	500 V
Refresh Interval :	2 s	Current Range :	200 A
Sampling Rate :	10.24 kS/s		
Scaled Window :	Rectangular		
According :	IEC 61000-3-2 (Edition 5.1) Limits for harmonic current emissions (equipment input current < 16 A per phase)		

Standard Group:	Industry
Standard Name:	IEC 61000-3-2 (Edition 5.1) Limits for harmonic current emissions (equipment input current < 16 A per phase)
Device Under Test:	PASS
Power Source:	PASS
Connection Type:	L - N
Main Line:	230 V, 50 Hz
Classification:	Class A
Appli. of Limits:	less than or equal to 200 %
Test Duration:	3 min

Check Harmonics 2..40			
First harmonic order > 200 %			
Line 1:	None		
Harmonics orders > 200 %			
Line 1:	None		
Harmonics orders with average > 90 %			
Line 1:	None		
First harmonic order between 150% and 200% during more than 10% of the test time or max. 10 min			
Line 1:	None		
Harmonic order between 150% and 200% during more than 10% of the test time or max. 10 min			
Line 1:	None		

Measured values			
Fundamental Current			
Line 1:	0.071 A		
Active input Power			
Line 1:	13.022 W *		
Circuit power factor			
Line 1:	0.364 *		

** Absolute value.*

Prerequisite for simplified method **fulfilled**			
First time window with THD(I) > 15 %			
Line 1:	None		
Time window with max THD(I) > 15 %			
Line 1:	None		
Current emission below 60 % of the applicable limits			
Line 1:	Yes		
Active Input Power			
Line 1:	13 W *		

** Absolute value.*

Current Test Result

Average and Maximum harmonic current results									
Hn	Average (90% *)				Maximum (200%)				Harmonic Result
	Ieff [A]	of Limit [%]	Limit [A]	Result	Ieff [A]	of Limit [%]	Limit [A]	Result	
1	0.070				0.071				
2	0.001	0.140	0.972	n/a	0.002	0.072	2.160	n/a	PASS
3	0.062	2.973	2.070	PASS	0.062	1.342	4.600	PASS	PASS
4	0.001	0.349	0.387	n/a	0.002	0.179	0.860	n/a	PASS
5	0.058	5.664	1.026	PASS	0.058	2.559	2.280	PASS	PASS
6	0.001	0.477	0.270	n/a	0.001	0.240	0.600	n/a	PASS
7	0.056	8.045	0.693	PASS	0.056	3.650	1.540	PASS	PASS
8	0.002	0.762	0.207	n/a	0.002	0.389	0.460	n/a	PASS
9	0.052	14.409	0.360	PASS	0.052	6.534	0.800	PASS	PASS
10	0.002	1.347	0.166	n/a	0.002	0.649	0.368	n/a	PASS
11	0.046	15.360	0.297	PASS	0.046	6.987	0.660	PASS	PASS
12	0.001	0.973	0.138	n/a	0.002	0.570	0.307	n/a	PASS
13	0.039	20.650	0.189	PASS	0.040	9.409	0.420	PASS	PASS
14	0.001	1.008	0.118	n/a	0.001	0.512	0.263	n/a	PASS
15	0.033	24.231	0.135	PASS	0.033	11.125	0.300	PASS	PASS
16	0.001	1.006	0.104	n/a	0.001	0.495	0.230	n/a	PASS
17	0.026	22.164	0.119	PASS	0.027	10.241	0.265	PASS	PASS
18	0.002	1.640	0.092	n/a	0.002	0.807	0.204	n/a	PASS
19	0.021	19.311	0.107	PASS	0.022	9.122	0.237	PASS	PASS
20	0.001	1.527	0.083	n/a	0.001	0.780	0.184	n/a	PASS
21	0.015	15.528	0.096	PASS	0.016	7.323	0.214	PASS	PASS
22	0.001	1.272	0.075	n/a	0.001	0.632	0.167	n/a	PASS
23	0.010	11.661	0.088	PASS	0.011	5.626	0.196	PASS	PASS
24	0.001	1.221	0.069	n/a	0.001	0.623	0.153	n/a	PASS
25	0.006	7.725	0.081	PASS	0.007	3.880	0.180	PASS	PASS
26	0.001	1.320	0.064	n/a	0.001	0.660	0.142	n/a	PASS
27	0.004	5.278	0.075	n/a	0.005	2.767	0.167	n/a	PASS
28	0.001	1.541	0.059	n/a	0.001	0.768	0.131	n/a	PASS
29	0.004	5.570	0.070	n/a	0.004	2.758	0.155	n/a	PASS
30	0.001	1.475	0.055	n/a	0.001	0.725	0.123	n/a	PASS
31	0.005	7.066	0.065	n/a	0.005	3.556	0.145	PASS	PASS
32	0.001	1.458	0.052	n/a	0.001	0.726	0.115	n/a	PASS
33	0.005	8.845	0.061	PASS	0.006	4.348	0.136	PASS	PASS
34	0.001	1.501	0.049	n/a	0.001	0.748	0.108	n/a	PASS
35	0.006	9.630	0.058	PASS	0.006	4.736	0.129	PASS	PASS
36	0.001	1.624	0.046	n/a	0.001	0.787	0.102	n/a	PASS
37	0.005	9.923	0.055	PASS	0.006	4.943	0.122	PASS	PASS
38	0.001	1.658	0.044	n/a	0.001	0.840	0.097	n/a	PASS
39	0.005	9.028	0.052	n/a	0.005	4.667	0.115	PASS	PASS
40	0.001	1.780	0.041	n/a	0.001	0.880	0.092	n/a	PASS

Note: Harmonic currents less than 0.6 % of the input current measured under the test conditions, or less than 5 mA, whichever is greater, are disregarded.

** Application of limits for average is 90% for all harmonics.*

Voltage Source Verification

Harmonic voltage results				
Hn	Ueff [V]	Ueff [%]	Limit [%]	Result
1	231.263	100.549		
2	0.187	0.081	0.200	PASS
3	0.061	0.027	0.900	PASS
4	0.073	0.032	0.200	PASS
5	0.058	0.025	0.400	PASS
6	0.047	0.021	0.200	PASS
7	0.046	0.020	0.300	PASS
8	0.038	0.017	0.200	PASS
9	0.039	0.017	0.200	PASS
10	0.030	0.013	0.200	PASS
11	0.040	0.017	0.100	PASS
12	0.026	0.011	0.100	PASS
13	0.025	0.011	0.100	PASS
14	0.021	0.009	0.100	PASS
15	0.029	0.013	0.100	PASS
16	0.018	0.008	0.100	PASS
17	0.018	0.008	0.100	PASS
18	0.022	0.010	0.100	PASS
19	0.026	0.011	0.100	PASS
20	0.020	0.008	0.100	PASS
21	0.014	0.006	0.100	PASS
22	0.016	0.007	0.100	PASS
23	0.023	0.010	0.100	PASS
24	0.014	0.006	0.100	PASS
25	0.022	0.009	0.100	PASS
26	0.015	0.006	0.100	PASS
27	0.026	0.011	0.100	PASS
28	0.018	0.008	0.100	PASS
29	0.020	0.009	0.100	PASS
30	0.016	0.007	0.100	PASS
31	0.013	0.006	0.100	PASS
32	0.014	0.006	0.100	PASS
33	0.014	0.006	0.100	PASS
34	0.012	0.005	0.100	PASS
35	0.011	0.005	0.100	PASS
36	0.010	0.004	0.100	PASS
37	0.015	0.007	0.100	PASS
38	0.010	0.004	0.100	PASS
39	0.008	0.004	0.100	PASS
40	0.011	0.005	0.100	PASS

Maximum / Average Values

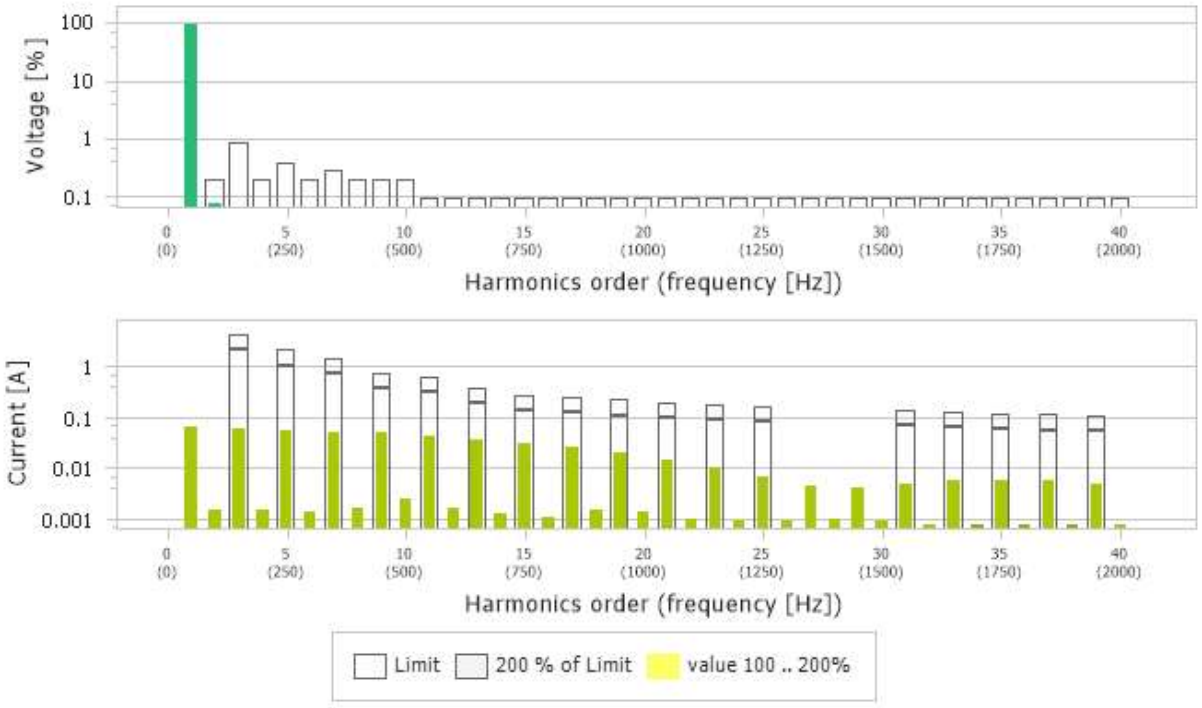
	Line 1
Maximum Values	
Frequency	50 Hz
Voltage RMS	231.2 V
Current RMS	0.1568 A
Peak Current	0.6803 A
Fundamental Current	0.07114 A
Current Crest Factor	4.348
Active Power P	13.05 W
Power Factor	0.3645
Total Harmonic Current (THC)	0.1402 A
Instantaneous Partial Odd Harmonic Current (Inst. POHC)	0.02477 A
Total Harmonic Distortion Current (THDC)	1.976
Average Values	
Total Harmonic Current (THC)	0.1390 A
Instantaneous Partial Odd Harmonic Current (Inst. POHC)	0.02313 A
Total Harmonic Distortion Current (THDC)	1.960

Maximum Harmonics

Maximum Harmonics (Line 1)

Voltage					Current				
eff [V]	eff [%]	of Limit [%]	Limit [%]	Time Window	eff [A]	eff[%]	of Limit [%]	Limit [A]	Time Window
231.263	100.55	-	-	13	0.071	100.00	-	-	1
0.187	0.08	40.59	0.20	691	*0.002*	2.18	*0.07*	*2.16*	869
0.061	0.03	2.94	0.90	713	0.062	87.05	1.34	4.60	1
0.073	0.03	15.91	0.20	85	*0.002*	2.18	*0.18*	*0.86*	212
0.058	0.03	6.29	0.40	370	0.058	82.27	2.56	2.28	738
0.047	0.02	10.29	0.20	710	*0.001*	2.03	*0.24*	*0.60*	298
0.046	0.02	6.63	0.30	706	0.056	79.24	3.65	1.54	727
0.038	0.02	8.26	0.20	427	*0.002*	2.52	*0.39*	*0.46*	899
0.039	0.02	8.52	0.20	102	0.052	73.69	6.53	0.80	698
0.030	0.01	6.56	0.20	178	*0.003*	3.70	*0.71*	*0.37*	1
0.040	0.02	17.36	0.10	786	0.046	65.02	6.99	0.66	779
0.026	0.01	11.11	0.10	172	*0.002*	2.46	*0.57*	*0.31*	338
0.025	0.01	10.75	0.10	77	0.040	55.71	9.41	0.42	688
0.021	0.01	9.06	0.10	221	*0.001*	1.90	*0.51*	*0.26*	86
0.029	0.01	12.72	0.10	789	0.033	47.05	11.13	0.30	759
0.018	0.01	8.03	0.10	806	*0.001*	1.61	*0.50*	*0.23*	569
0.018	0.01	7.76	0.10	155	0.027	38.22	10.24	0.26	725
0.022	0.01	9.52	0.10	324	*0.002*	2.33	*0.81*	*0.20*	176
0.026	0.01	11.32	0.10	421	0.022	30.46	9.12	0.24	837
0.020	0.01	8.49	0.10	552	*0.001*	2.02	*0.78*	*0.18*	92
0.014	0.01	6.13	0.10	877	0.016	22.12	7.32	0.21	855
0.016	0.01	6.99	0.10	241	*0.001*	1.49	*0.63*	*0.17*	147
0.023	0.01	10.03	0.10	808	0.011	15.52	5.63	0.20	880
0.014	0.01	5.92	0.10	410	*0.001*	1.35	*0.62*	*0.15*	693
0.022	0.01	9.38	0.10	30	0.007	9.85	3.88	0.18	890
0.015	0.01	6.35	0.10	471	*0.001*	1.35	*0.68*	*0.14*	1
0.026	0.01	11.29	0.10	384	*0.005*	6.50	*2.77*	*0.17*	887
0.018	0.01	7.61	0.10	719	*0.001*	1.42	*0.77*	*0.13*	638
0.020	0.01	8.72	0.10	37	*0.004*	6.03	*2.76*	*0.16*	504
0.016	0.01	7.00	0.10	391	*0.001*	1.36	*0.79*	*0.12*	1
0.013	0.01	5.54	0.10	662	0.005	7.28	3.56	0.15	103
0.014	0.01	6.24	0.10	230	*0.001*	1.18	*0.73*	*0.12*	162
0.014	0.01	6.30	0.10	324	0.006	8.36	4.35	0.14	530
0.012	0.01	5.02	0.10	36	*0.001*	1.14	*0.75*	*0.11*	748
0.011	0.00	5.00	0.10	315	0.006	8.58	4.74	0.13	115
0.010	0.00	4.36	0.10	332	*0.001*	1.13	*0.79*	*0.10*	693
0.015	0.01	6.59	0.10	123	0.006	8.48	4.94	0.12	744
0.010	0.00	4.29	0.10	703	*0.001*	1.15	*0.84*	*0.10*	88
0.008	0.00	3.53	0.10	499	0.005	7.59	4.67	0.12	755

0.011	0.00	4.80	0.10	645	*0.001*	1.18	*0.91*	*0.09*	5

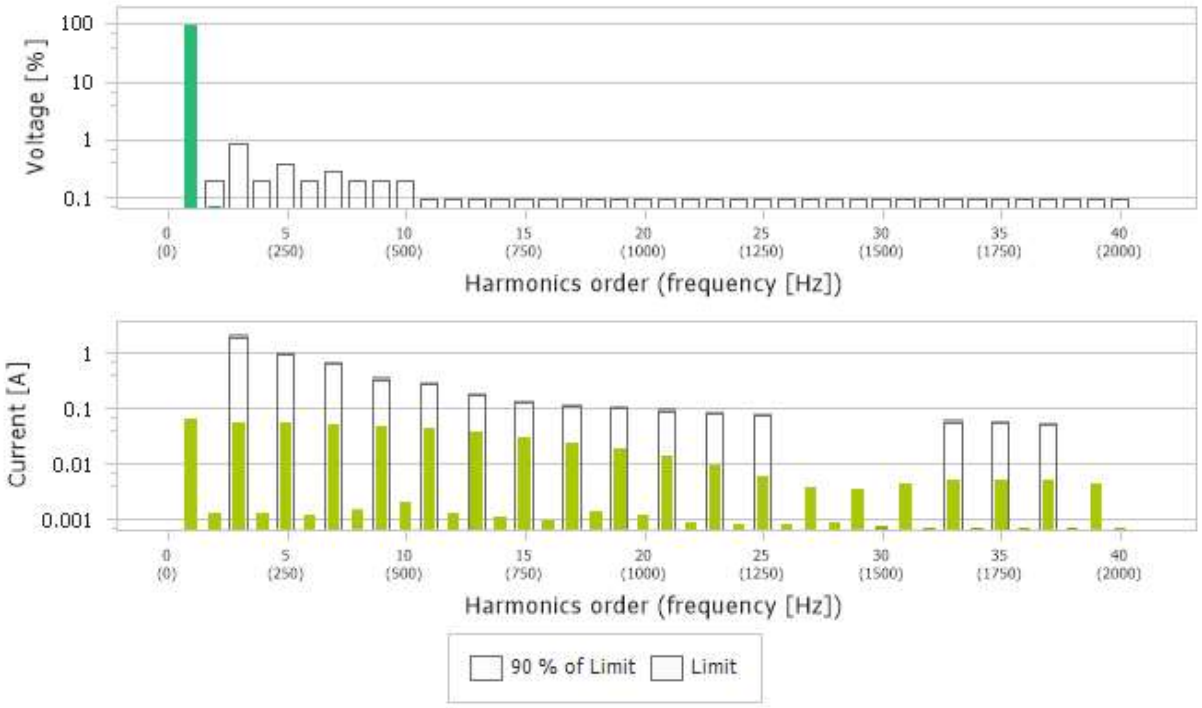


Average Harmonics

Average Harmonics (Line 1)

Hn	Frequency	Voltage					Current				
	[Hz]	eff [V]	eff [%]	of Limit [%]	Limit [%]	Pass / Fail	eff [A]	eff[%]	of Limit [%]	Limit [A]	Pass / Fail
1	50.0	231.239	100.54	-	-	*n/a*	0.070	99.06	-	-	*n/a*
2	100.0	0.175	0.08	38.01	0.20	Pass	*0.001*	1.91	*0.14*	*0.97*	*n/a*
3	150.0	0.049	0.02	2.39	0.90	Pass	0.062	86.76	2.97	2.07	Pass
4	200.0	0.066	0.03	14.38	0.20	Pass	*0.001*	1.91	*0.35*	*0.39*	*n/a*
5	250.0	0.049	0.02	5.28	0.40	Pass	0.058	81.93	5.66	1.03	Pass
6	300.0	0.042	0.02	9.06	0.20	Pass	*0.001*	1.81	*0.48*	*0.27*	*n/a*
7	350.0	0.035	0.02	5.07	0.30	Pass	0.056	78.60	8.05	0.69	Pass
8	400.0	0.034	0.01	7.29	0.20	Pass	*0.002*	2.22	*0.76*	*0.21*	*n/a*
9	450.0	0.031	0.01	6.69	0.20	Pass	0.052	73.13	14.41	0.36	Pass
10	500.0	0.023	0.01	5.00	0.20	Pass	*0.002*	3.15	*1.35*	*0.17*	*n/a*
11	550.0	0.033	0.01	14.14	0.10	Pass	0.046	64.32	15.36	0.30	Pass
12	600.0	0.018	0.01	7.73	0.10	Pass	*0.001*	1.89	*0.97*	*0.14*	*n/a*
13	650.0	0.018	0.01	8.00	0.10	Pass	0.039	55.02	20.65	0.19	Pass
14	700.0	0.015	0.01	6.50	0.10	Pass	*0.001*	1.68	*1.01*	*0.12*	*n/a*
15	750.0	0.023	0.01	9.80	0.10	Pass	0.033	46.12	24.23	0.14	Pass
16	800.0	0.013	0.01	5.45	0.10	Pass	*0.001*	1.47	*1.01*	*0.10*	*n/a*
17	850.0	0.013	0.01	5.60	0.10	Pass	0.026	37.22	22.16	0.12	Pass
18	900.0	0.012	0.01	5.28	0.10	Pass	*0.002*	2.13	*1.64*	*0.09*	*n/a*
19	950.0	0.015	0.01	6.49	0.10	Pass	0.021	29.02	19.31	0.11	Pass
20	1000.0	0.011	0.00	4.95	0.10	Pass	*0.001*	1.78	*1.53*	*0.08*	*n/a*
21	1050.0	0.010	0.00	4.20	0.10	Pass	0.015	21.11	15.53	0.10	Pass
22	1100.0	0.011	0.00	4.77	0.10	Pass	*0.001*	1.35	*1.27*	*0.08*	*n/a*
23	1150.0	0.019	0.01	8.11	0.10	Pass	0.010	14.47	11.66	0.09	Pass
24	1200.0	0.008	0.00	3.63	0.10	Pass	*0.001*	1.19	*1.22*	*0.07*	*n/a*
25	1250.0	0.016	0.01	7.06	0.10	Pass	0.006	8.82	7.72	0.08	Pass
26	1300.0	0.010	0.00	4.22	0.10	Pass	*0.001*	1.19	*1.32*	*0.06*	*n/a*
27	1350.0	0.019	0.01	8.18	0.10	Pass	*0.004*	5.58	*5.28*	*0.08*	*n/a*
28	1400.0	0.011	0.00	4.93	0.10	Pass	*0.001*	1.29	*1.54*	*0.06*	*n/a*
29	1450.0	0.015	0.01	6.38	0.10	Pass	*0.004*	5.48	*5.57*	*0.07*	*n/a*
30	1500.0	0.009	0.00	4.06	0.10	Pass	*0.001*	1.15	*1.47*	*0.06*	*n/a*
31	1550.0	0.008	0.00	3.37	0.10	Pass	*0.005*	6.51	*7.07*	*0.07*	*n/a*
32	1600.0	0.009	0.00	3.97	0.10	Pass	*0.001*	1.06	*1.46*	*0.05*	*n/a*
33	1650.0	0.011	0.00	4.60	0.10	Pass	0.005	7.65	8.84	0.06	Pass
34	1700.0	0.006	0.00	2.72	0.10	Pass	*0.001*	1.03	*1.50*	*0.05*	*n/a*
35	1750.0	0.006	0.00	2.65	0.10	Pass	0.006	7.85	9.63	0.06	Pass
36	1800.0	0.006	0.00	2.56	0.10	Pass	*0.001*	1.05	*1.62*	*0.05*	*n/a*
37	1850.0	0.011	0.00	4.62	0.10	Pass	0.005	7.66	9.92	0.05	Pass
38	1900.0	0.006	0.00	2.59	0.10	Pass	*0.001*	1.02	*1.66*	*0.04*	*n/a*
39	1950.0	0.004	0.00	1.79	0.10	Pass	*0.005*	6.61	*9.03*	*0.05*	*n/a*

40	2000.0	0.006	0.00	2.60	0.10	Pass	*0.001*	1.04	*1.78*	*0.04*	*n/a*



2 Appendix B.2: Test Plots of Flicker

Report Number :	Q25092202-1E 20251106 Flicker Bluetooth mode PASS
Test Object :	Active Speaker
Test Standard :	IEC 61000-3-3 (Ed3-2) - General Test conditions (230V - 50Hz)
Tester :	Jianhao XU
Company :	Guangdong Dongdian Testing Service Co., Ltd.
Test Date :	11/6/2025 1:59:46 PM

Result

PASS

Test Object / Product

Active Speaker	Operation Mode :	Bluetooth mode	
Serial Number :	S25092202-005	Connection :	/
Description :	EDF100011		

Climatic Conditions

24 °C	Pressure :	101 kPa	Humidity :	48 %

Standard Group:	Industry
Standard Name:	IEC 61000-3-3 (Edition 3.2) Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
Test Condition:	General Test Conditions
Analysis Status:	PASS

Flicker Measurements Settings	
Main Line:	230V, 50Hz
Flicker Meter:	230V / 50Hz
Flicker Impedance:	Zref
Observation Time:	1 × 10 min
Measurements:	1

Flicker Measurements

	Last V_{rms} [V]	P_{lt}	Max P_{st}	Max d_c [%]	Max d_{max} [%]	Max T_{max} [s]
Line 1:	230.857	0.035	0.08	0	< 0.2	0
Limits:		0.65	1	3.3	4	0.5
Results:		PASS	PASS	PASS	PASS	PASS

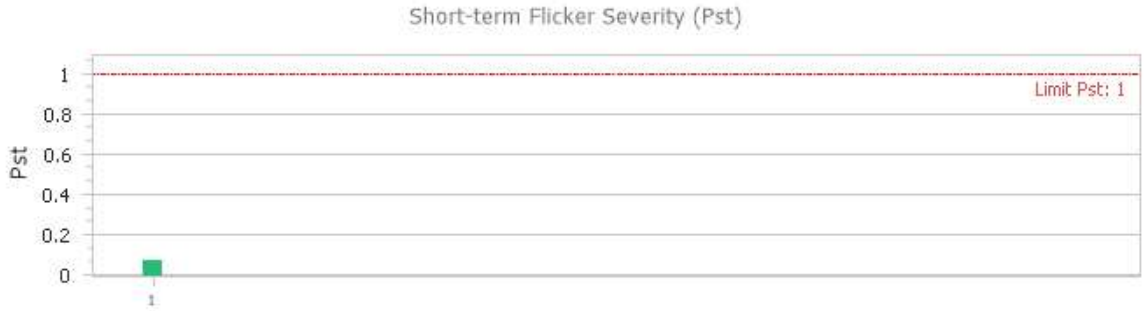
Flicker Individual Measurements

Measurement	P_{st} [ ]			d_c [%]			d_{max} [%]			T_{max} [s]		
	Value	Limit	Result	Value	Limit	Result	Value	Limit	Result	Value	Limit	Result
#1	0.08	1.00	PASS	0.00	3.30	PASS	< 0.2	4.00	PASS	0.00	0.50	PASS

Pst Data

Flicker (Line 1)

Meas. No.	P0,1	P1s	P3s	P10s	P50s	Pst	dc [%]	dmax [%]	Tmax [s]
1	0.017	0.015	0.014	0.012	0.009	0.08	0	0.119	0





Report Number :	Q25092202-1E 20251106 Flicker LINE 1 in mode PASS
Test Object :	Active Speaker
Test Standard :	IEC 61000-3-3 (Ed3-2) - General Test conditions (230V - 50Hz)
Tester :	Jianhao XU
Company :	Guangdong Dongdian Testing Service Co., Ltd.
Test Date :	11/6/2025 11:01:25 AM

Result

E.U.T. :	PASS

Test Object / Product

Name :	Active Speaker
Serial Number :	S25092202-005
Description :	EDF100011

Climatic Conditions

Temperature :	24 °C	Pressure :	101 kPa	Humidity :	48 %

Standard Group: Industry

Standard Name: IEC 61000-3-3 (Edition 3.2)
Limitation of voltage changes, voltage fluctuations and flicker
in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase
and not subject to conditional connection

Test Condition: General Test Conditions

Analysis Status: PASS

Flicker Measurements Settings	
Main Line:	230V, 50Hz
Flicker Meter:	230V / 50Hz
Flicker Impedance:	Zref
Observation Time:	1 × 10 min
Measurements:	1

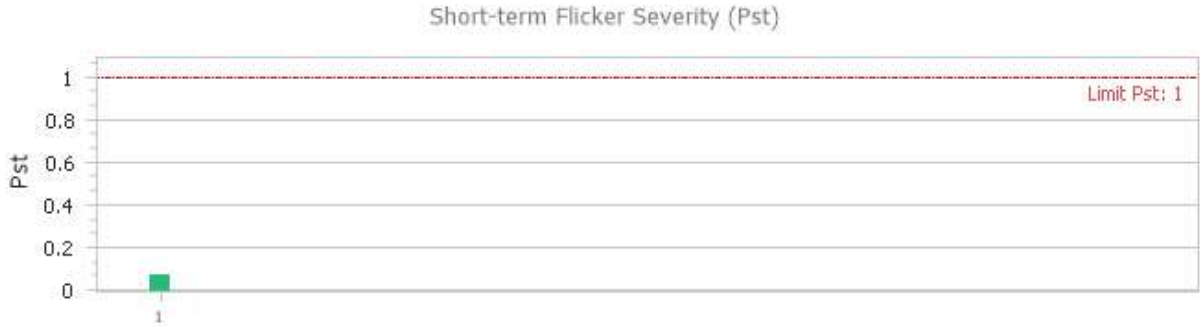
Flicker Measurements						
	Last V_{rms} [V]	P_{lt}	Max P_{st}	Max d_c [%]	Max d_{max} [%]	Max T_{max} [s]
Line 1:	230.911	0.035	0.08	0	< 0.2	0
Limits:		0.65	1	3.3	4	0.5
Results:		PASS	PASS	PASS	PASS	PASS

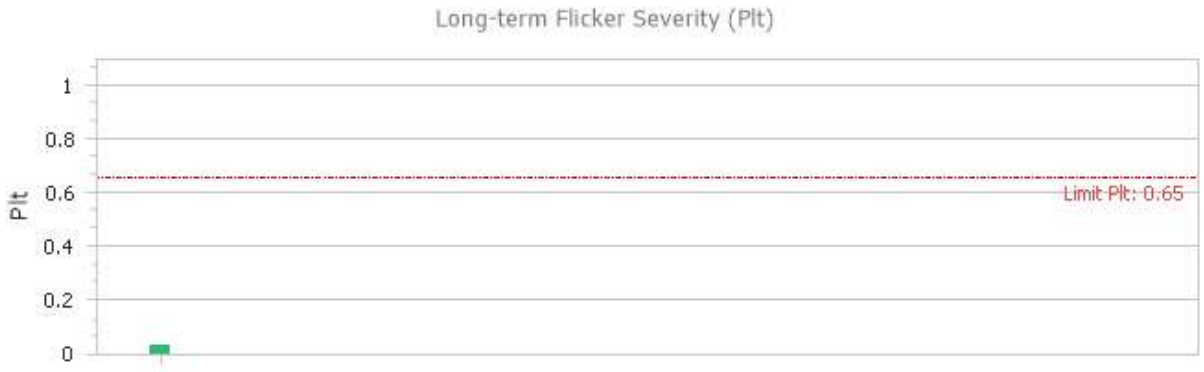
Flicker Individual Measurements												
Measurement	P_{st} [ ]			d_c [%]			d_{max} [%]			T_{max} [s]		
	Value	Limit	Result	Value	Limit	Result	Value	Limit	Result	Value	Limit	Result
#1	0.08	1.00	PASS	0.00	3.30	PASS	< 0.2	4.00	PASS	0.00	0.50	PASS

Pst Data

Flicker (Line 1)

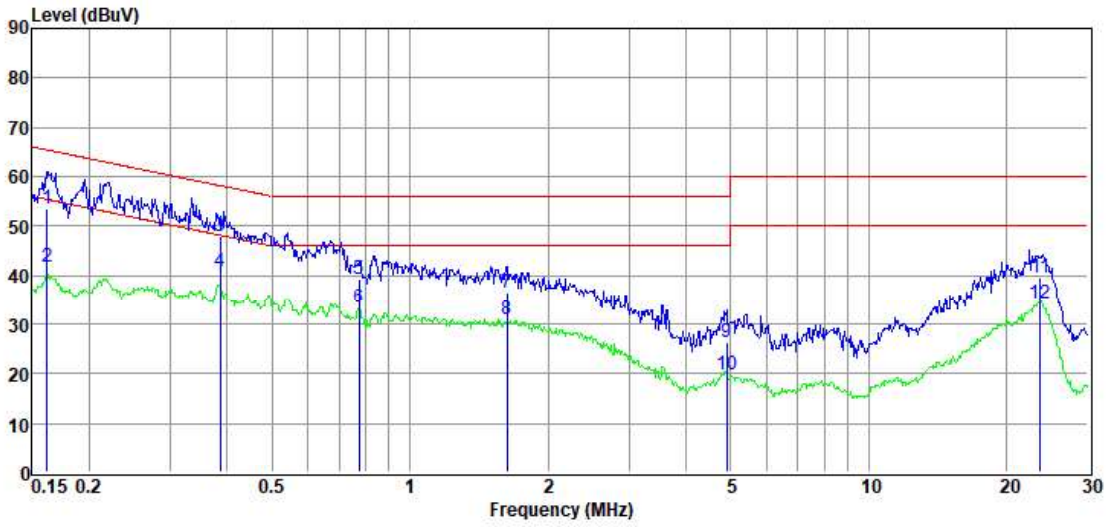
Meas. No.	P0,1	P1s	P3s	P10s	P50s	Pst	dc [%]	dmax [%]	Tmax [s]
1	0.017	0.015	0.014	0.013	0.009	0.08	0	0.191	0





3 Appendix B.3: Test Plots of Conducted Emission

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

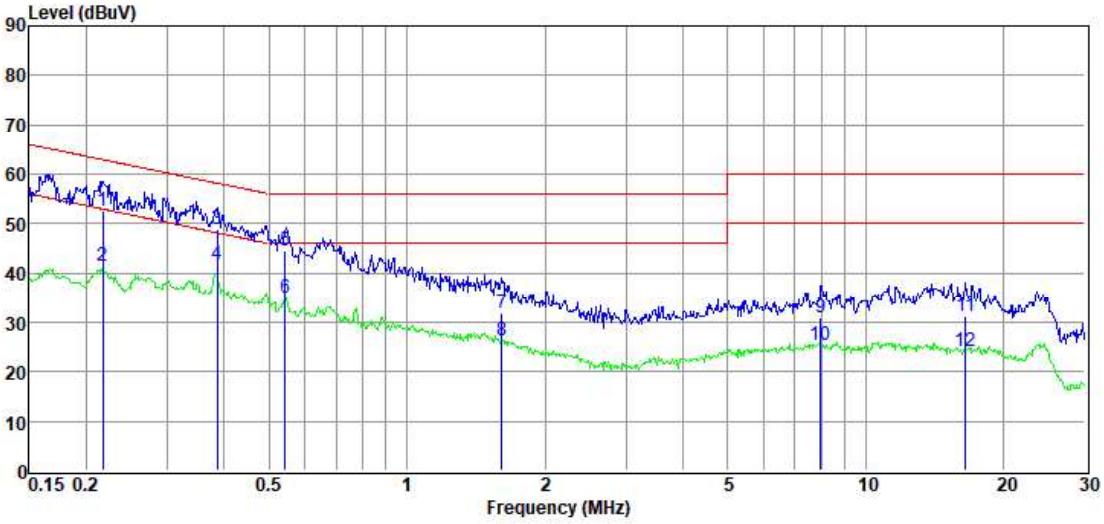


Data: 2

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.16	33.62	9.49	0.05	10.21	53.37	65.38	12.01	QP	NEUTRAL
2	0.16	21.98	9.49	0.05	10.21	41.73	55.38	13.65	Average	NEUTRAL
3	0.39	28.05	9.48	0.09	10.29	47.91	58.17	10.26	QP	NEUTRAL
4	0.39	21.12	9.48	0.09	10.29	40.98	48.17	7.19	Average	NEUTRAL
5	0.78	19.38	9.48	0.14	10.37	39.37	56.00	16.63	QP	NEUTRAL
6	0.78	13.45	9.48	0.14	10.37	33.44	46.00	12.56	Average	NEUTRAL
7	1.63	16.31	9.50	0.20	10.39	36.40	56.00	19.60	QP	NEUTRAL
8	1.63	10.73	9.50	0.20	10.39	30.82	46.00	15.18	Average	NEUTRAL
9	4.90	6.29	9.54	0.24	10.26	26.33	56.00	29.67	QP	NEUTRAL
10	4.90	-0.38	9.54	0.24	10.26	19.66	46.00	26.34	Average	NEUTRAL
11	23.64	19.07	9.94	0.37	10.31	39.69	60.00	20.31	QP	NEUTRAL
12	23.64	13.56	9.94	0.37	10.31	34.18	50.00	15.82	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

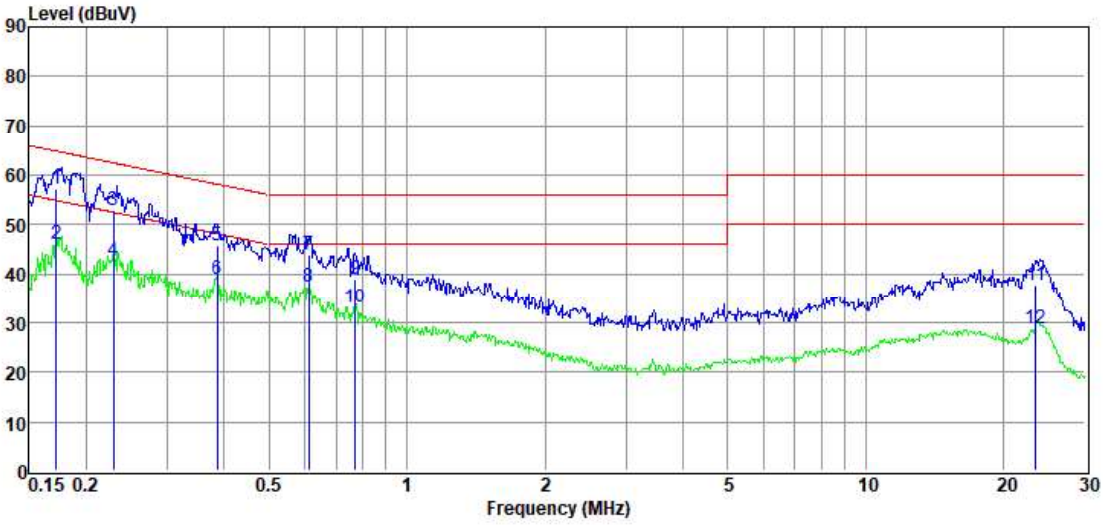


Data: 4

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.22	32.82	9.46	0.05	10.21	52.54	62.92	10.38	QP	LINE
2	0.22	21.73	9.46	0.05	10.21	41.45	52.92	11.47	Average	LINE
3	0.39	28.98	9.48	0.09	10.29	48.84	58.17	9.33	QP	LINE
4	0.39	21.93	9.48	0.09	10.29	41.79	48.17	6.38	Average	LINE
5	0.54	24.56	9.49	0.11	10.33	44.49	56.00	11.51	QP	LINE
6	0.54	14.98	9.49	0.11	10.33	34.91	46.00	11.09	Average	LINE
7	1.61	11.63	9.51	0.20	10.39	31.73	56.00	24.27	QP	LINE
8	1.61	6.07	9.51	0.20	10.39	26.17	46.00	19.83	Average	LINE
9	7.98	10.80	9.56	0.26	10.18	30.80	60.00	29.20	QP	LINE
10	7.98	5.31	9.56	0.26	10.18	25.31	50.00	24.69	Average	LINE
11	16.49	10.75	9.78	0.33	10.24	31.10	60.00	28.90	QP	LINE
12	16.49	3.86	9.78	0.33	10.24	24.21	50.00	25.79	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

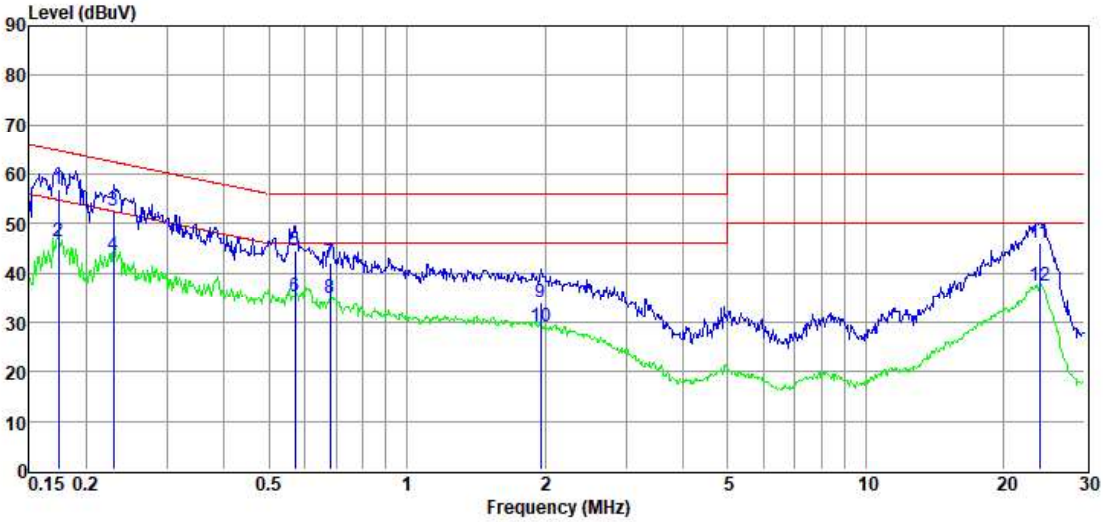


Data: 6

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	37.35	9.49	0.05	10.20	57.09	64.86	7.77	QP	NEUTRAL
2	0.17	26.21	9.49	0.05	10.20	45.95	54.86	8.91	Average	NEUTRAL
3	0.23	33.18	9.48	0.06	10.22	52.94	62.48	9.54	QP	NEUTRAL
4	0.23	22.93	9.48	0.06	10.22	42.69	52.48	9.79	Average	NEUTRAL
5	0.39	25.82	9.48	0.09	10.29	45.68	58.17	12.49	QP	NEUTRAL
6	0.39	19.26	9.48	0.09	10.29	39.12	48.17	9.05	Average	NEUTRAL
7	0.61	23.98	9.48	0.11	10.34	43.91	56.00	12.09	QP	NEUTRAL
8	0.61	17.48	9.48	0.11	10.34	37.41	46.00	8.59	Average	NEUTRAL
9	0.77	19.01	9.48	0.14	10.37	39.00	56.00	17.00	QP	NEUTRAL
10	0.77	13.00	9.48	0.14	10.37	32.99	46.00	13.01	Average	NEUTRAL
11	23.51	16.96	9.94	0.37	10.31	37.58	60.00	22.42	QP	NEUTRAL
12	23.51	8.14	9.94	0.37	10.31	28.76	50.00	21.24	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

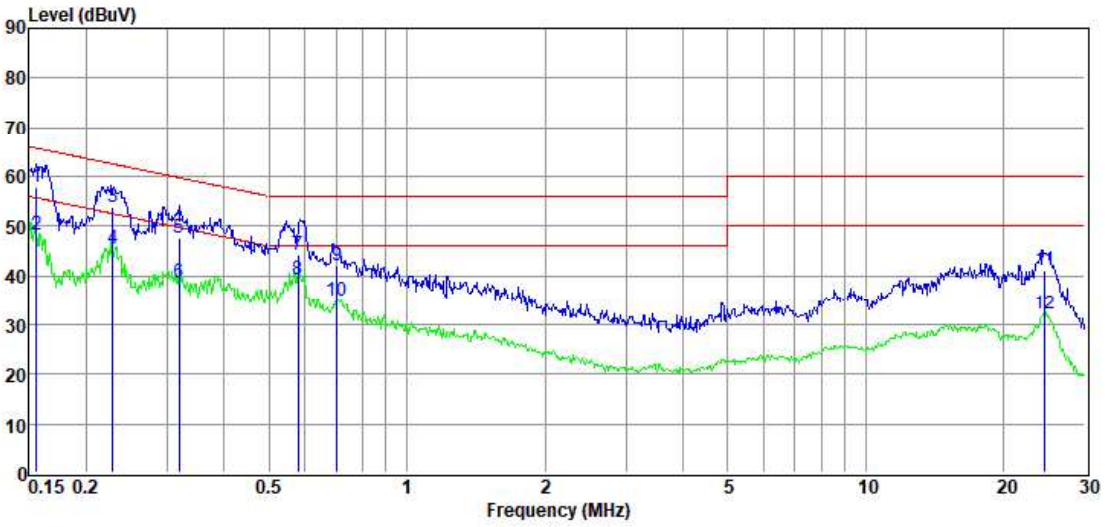


Data: 8

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	37.08	9.48	0.05	10.20	56.81	64.77	7.96	QP	LINE
2	0.17	26.79	9.48	0.05	10.20	46.52	54.77	8.25	Average	LINE
3	0.23	32.77	9.45	0.06	10.22	52.50	62.48	9.98	QP	LINE
4	0.23	23.76	9.45	0.06	10.22	43.49	52.48	8.99	Average	LINE
5	0.57	24.55	9.50	0.11	10.34	44.50	56.00	11.50	QP	LINE
6	0.57	15.16	9.50	0.11	10.34	35.11	46.00	10.89	Average	LINE
7	0.68	22.26	9.47	0.12	10.36	42.21	56.00	13.79	QP	LINE
8	0.68	15.03	9.47	0.12	10.36	34.98	46.00	11.02	Average	LINE
9	1.96	13.87	9.53	0.21	10.39	34.00	56.00	22.00	QP	LINE
10	1.96	9.09	9.53	0.21	10.39	29.22	46.00	16.78	Average	LINE
11	23.89	25.82	9.72	0.37	10.31	46.22	60.00	13.78	QP	LINE
12	23.89	17.05	9.72	0.37	10.31	37.45	50.00	12.55	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

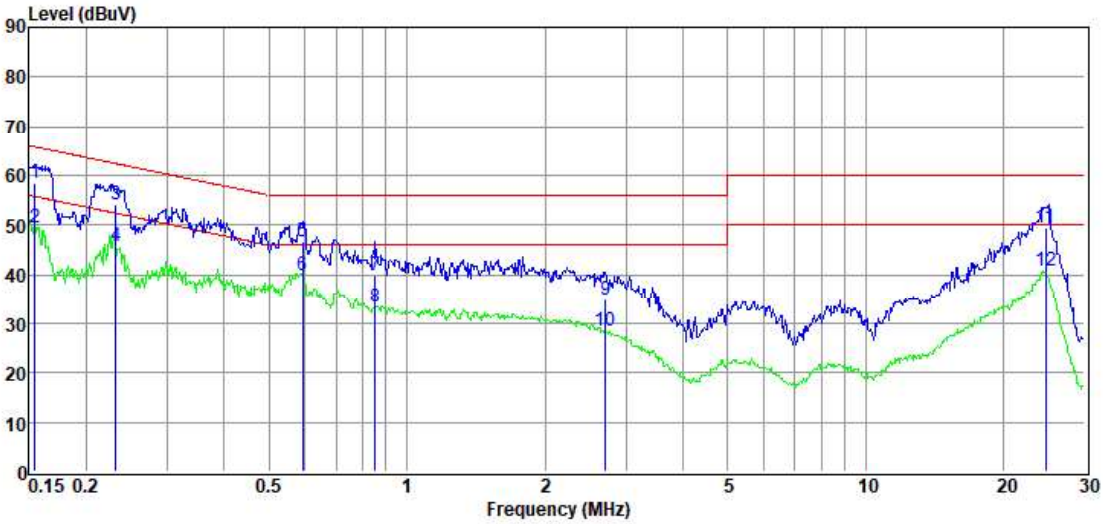


Data: 10

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.16	38.24	9.47	0.05	10.21	57.97	65.69	7.72	QP	LINE
2	0.16	28.48	9.47	0.05	10.21	48.21	55.69	7.48	Average	LINE
3	0.23	34.18	9.45	0.06	10.22	53.91	62.52	8.61	QP	LINE
4	0.23	25.66	9.45	0.06	10.22	45.39	52.52	7.13	Average	LINE
5	0.32	27.80	9.48	0.08	10.26	47.62	59.75	12.13	QP	LINE
6	0.32	18.77	9.48	0.08	10.26	38.59	49.75	11.16	Average	LINE
7	0.58	24.35	9.50	0.11	10.34	44.30	56.00	11.70	QP	LINE
8	0.58	19.41	9.50	0.11	10.34	39.36	46.00	6.64	Average	LINE
9	0.70	21.98	9.46	0.12	10.36	41.92	56.00	14.08	QP	LINE
10	0.70	14.93	9.46	0.12	10.36	34.87	46.00	11.13	Average	LINE
11	24.53	20.62	9.69	0.38	10.31	41.00	60.00	19.00	QP	LINE
12	24.53	11.66	9.69	0.38	10.31	32.04	50.00	17.96	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

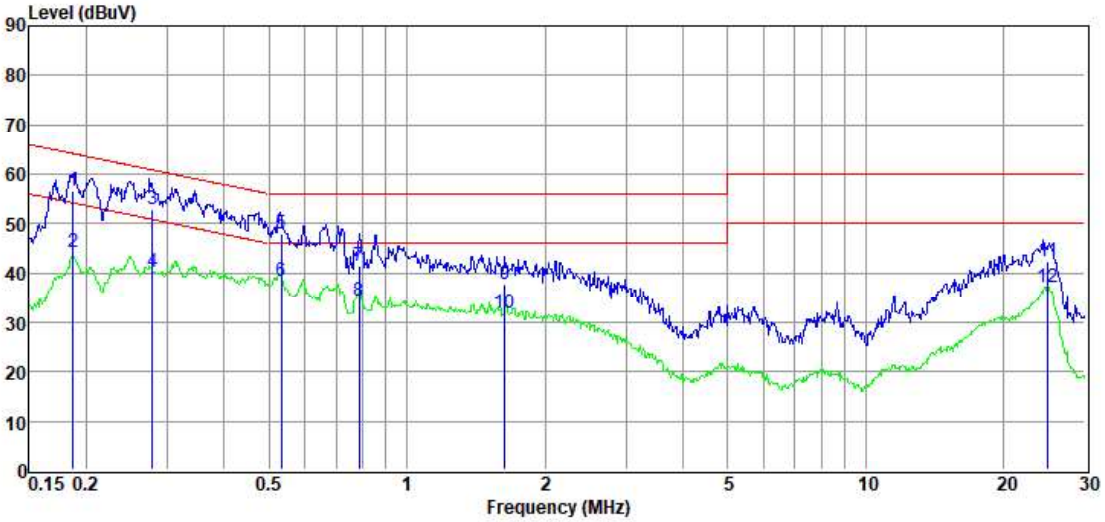


Data: 12

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.15	38.72	9.49	0.05	10.21	58.47	65.74	7.27	QP	NEUTRAL
2	0.15	29.81	9.49	0.05	10.21	49.56	55.74	6.18	Average	NEUTRAL
3	0.23	34.31	9.48	0.06	10.22	54.07	62.39	8.32	QP	NEUTRAL
4	0.23	25.95	9.48	0.06	10.22	45.71	52.39	6.68	Average	NEUTRAL
5	0.59	26.79	9.48	0.11	10.34	46.72	56.00	9.28	QP	NEUTRAL
6	0.59	19.84	9.48	0.11	10.34	39.77	46.00	6.23	Average	NEUTRAL
7	0.85	19.81	9.48	0.15	10.38	39.82	56.00	16.18	QP	NEUTRAL
8	0.85	13.35	9.48	0.15	10.38	33.36	46.00	12.64	Average	NEUTRAL
9	2.71	14.85	9.51	0.22	10.35	34.93	56.00	21.07	QP	NEUTRAL
10	2.71	8.24	9.51	0.22	10.35	28.32	46.00	17.68	Average	NEUTRAL
11	24.66	28.76	9.94	0.38	10.31	49.39	60.00	10.61	QP	NEUTRAL
12	24.66	20.07	9.94	0.38	10.31	40.70	50.00	9.30	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

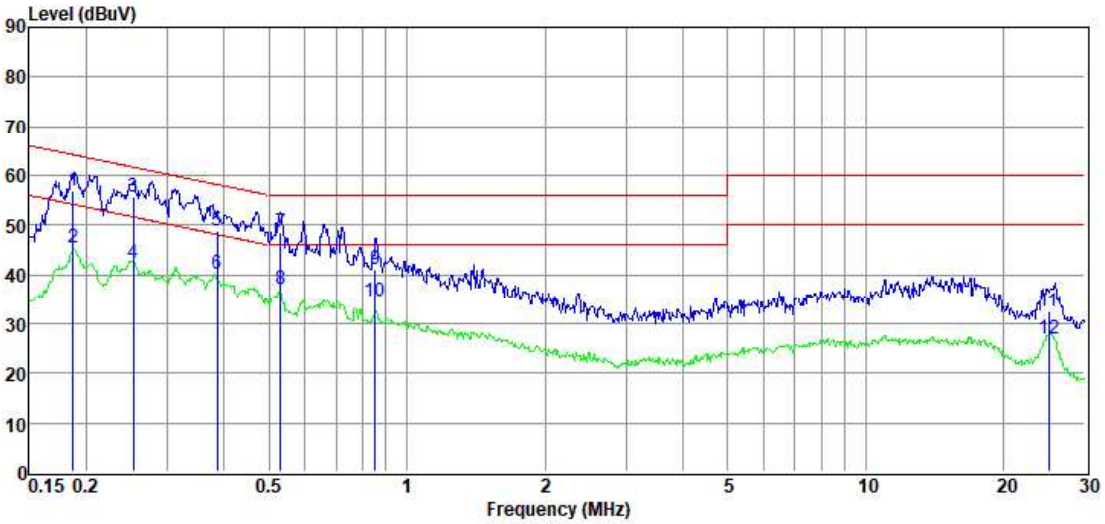


Data: 14

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.19	36.98	9.49	0.05	10.20	56.72	64.15	7.43	QP	NEUTRAL
2	0.19	24.45	9.49	0.05	10.20	44.19	54.15	9.96	Average	NEUTRAL
3	0.28	32.97	9.48	0.07	10.24	52.76	60.85	8.09	QP	NEUTRAL
4	0.28	20.55	9.48	0.07	10.24	40.34	50.85	10.51	Average	NEUTRAL
5	0.53	27.93	9.48	0.10	10.33	47.84	56.00	8.16	QP	NEUTRAL
6	0.53	18.45	9.48	0.10	10.33	38.36	46.00	7.64	Average	NEUTRAL
7	0.79	21.52	9.48	0.14	10.37	41.51	56.00	14.49	QP	NEUTRAL
8	0.79	14.29	9.48	0.14	10.37	34.28	46.00	11.72	Average	NEUTRAL
9	1.64	17.71	9.50	0.20	10.39	37.80	56.00	18.20	QP	NEUTRAL
10	1.64	11.87	9.50	0.20	10.39	31.96	46.00	14.04	Average	NEUTRAL
11	24.92	21.67	9.94	0.38	10.31	42.30	60.00	17.70	QP	NEUTRAL
12	24.92	16.56	9.94	0.38	10.31	37.19	50.00	12.81	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

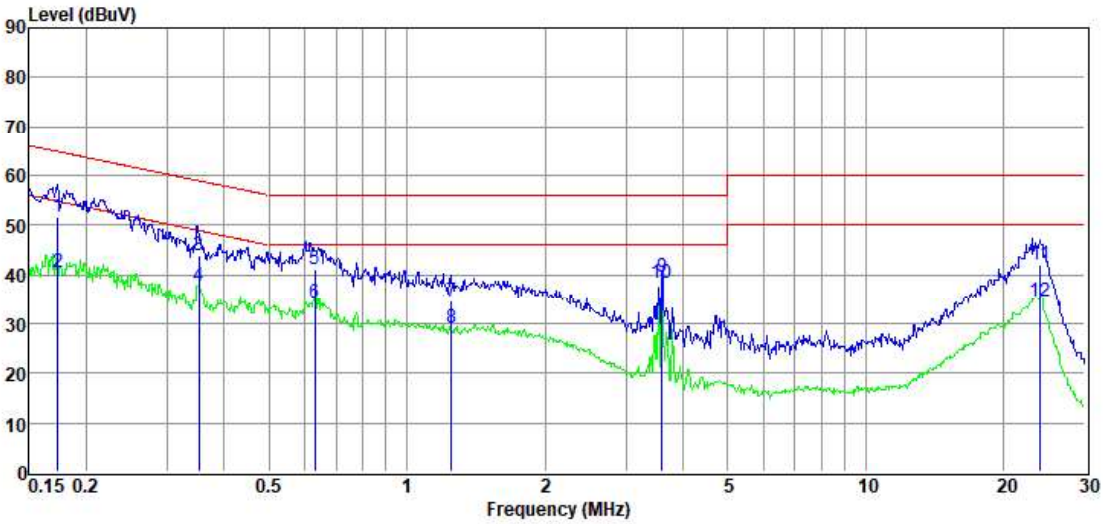


Data: 16

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.19	37.21	9.47	0.05	10.20	56.93	64.15	7.22	QP	LINE
2	0.19	25.63	9.47	0.05	10.20	45.35	54.15	8.80	Average	LINE
3	0.25	35.80	9.45	0.06	10.23	55.54	61.64	6.10	QP	LINE
4	0.25	22.56	9.45	0.06	10.23	42.30	51.64	9.34	Average	LINE
5	0.39	29.05	9.48	0.09	10.29	48.91	58.17	9.26	QP	LINE
6	0.39	20.41	9.48	0.09	10.29	40.27	48.17	7.90	Average	LINE
7	0.53	28.69	9.49	0.10	10.33	48.61	56.00	7.39	QP	LINE
8	0.53	17.28	9.49	0.10	10.33	37.20	46.00	8.80	Average	LINE
9	0.85	21.16	9.51	0.15	10.38	41.20	56.00	14.80	QP	LINE
10	0.85	14.45	9.51	0.15	10.38	34.49	46.00	11.51	Average	LINE
11	25.06	12.17	9.68	0.38	10.31	32.54	60.00	27.46	QP	LINE
12	25.06	6.43	9.68	0.38	10.31	26.80	50.00	23.20	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: OPT mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

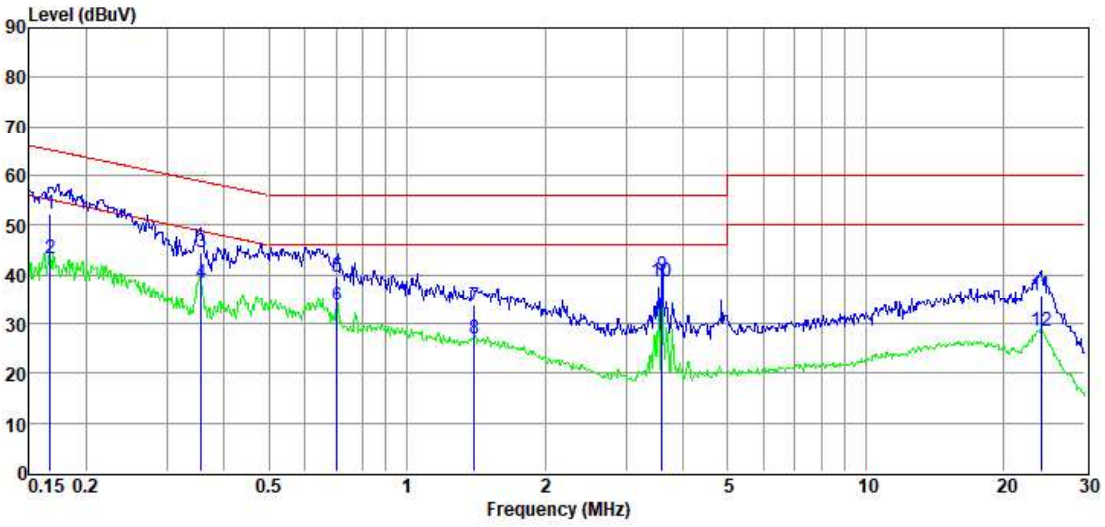


Data: 26

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	31.91	9.48	0.05	10.20	51.64	64.81	13.17	QP	LINE
2	0.17	20.90	9.48	0.05	10.20	40.63	54.81	14.18	Average	LINE
3	0.35	24.11	9.48	0.08	10.27	43.94	58.91	14.97	QP	LINE
4	0.35	18.00	9.48	0.08	10.27	37.83	48.91	11.08	Average	LINE
5	0.63	21.32	9.49	0.11	10.35	41.27	56.00	14.73	QP	LINE
6	0.63	14.30	9.49	0.11	10.35	34.25	46.00	11.75	Average	LINE
7	1.25	14.48	9.49	0.19	10.40	34.56	56.00	21.44	QP	LINE
8	1.25	9.03	9.49	0.19	10.40	29.11	46.00	16.89	Average	LINE
9	3.60	19.44	9.53	0.23	10.31	39.51	56.00	16.49	QP	LINE
10	3.60	18.39	9.53	0.23	10.31	38.46	46.00	7.54	Average	LINE
11	24.02	21.66	9.71	0.37	10.31	42.05	60.00	17.95	QP	LINE
12	24.02	14.37	9.71	0.37	10.31	34.76	50.00	15.24	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: OPT mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

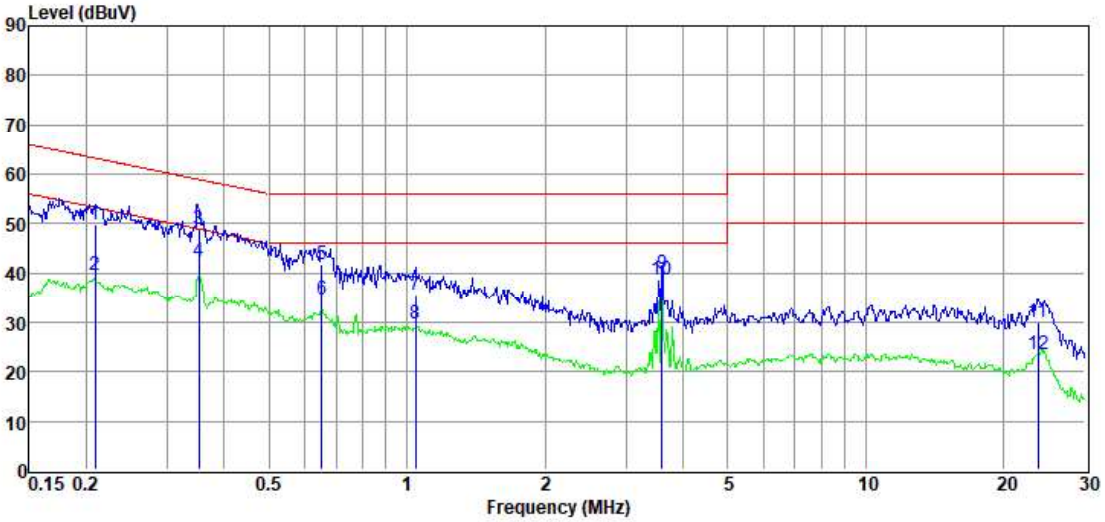


Data: 28

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	32.65	9.49	0.05	10.21	52.40	65.12	12.72	QP	NEUTRAL
2	0.17	23.49	9.49	0.05	10.21	43.24	55.12	11.88	Average	NEUTRAL
3	0.36	24.66	9.48	0.08	10.28	44.50	58.83	14.33	QP	NEUTRAL
4	0.36	18.38	9.48	0.08	10.28	38.22	48.83	10.61	Average	NEUTRAL
5	0.70	19.72	9.49	0.12	10.36	39.69	56.00	16.31	QP	NEUTRAL
6	0.70	13.66	9.49	0.12	10.36	33.63	46.00	12.37	Average	NEUTRAL
7	1.40	13.72	9.49	0.19	10.40	33.80	56.00	22.20	QP	NEUTRAL
8	1.40	6.76	9.49	0.19	10.40	26.84	46.00	19.16	Average	NEUTRAL
9	3.60	19.74	9.52	0.23	10.31	39.80	56.00	16.20	QP	NEUTRAL
10	3.60	18.61	9.52	0.23	10.31	38.67	46.00	7.33	Average	NEUTRAL
11	24.14	15.18	9.94	0.37	10.31	35.80	60.00	24.20	QP	NEUTRAL
12	24.14	7.75	9.94	0.37	10.31	28.37	50.00	21.63	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: OPT mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

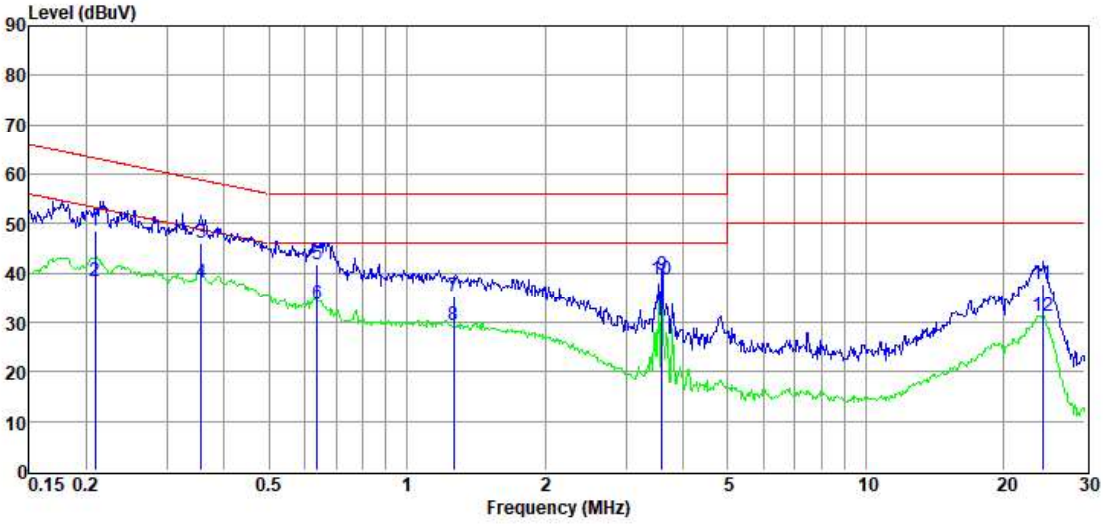


Data: 30

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.21	30.14	9.49	0.05	10.21	49.89	63.23	13.34	QP	NEUTRAL
2	0.21	19.73	9.49	0.05	10.21	39.48	53.23	13.75	Average	NEUTRAL
3	0.35	29.12	9.48	0.08	10.27	48.95	58.91	9.96	QP	NEUTRAL
4	0.35	22.39	9.48	0.08	10.27	42.22	48.91	6.69	Average	NEUTRAL
5	0.65	21.73	9.49	0.12	10.35	41.69	56.00	14.31	QP	NEUTRAL
6	0.65	14.55	9.49	0.12	10.35	34.51	46.00	11.49	Average	NEUTRAL
7	1.04	15.53	9.49	0.18	10.40	35.60	56.00	20.40	QP	NEUTRAL
8	1.04	9.76	9.49	0.18	10.40	29.83	46.00	16.17	Average	NEUTRAL
9	3.60	19.90	9.52	0.23	10.31	39.96	56.00	16.04	QP	NEUTRAL
10	3.60	18.64	9.52	0.23	10.31	38.70	46.00	7.30	Average	NEUTRAL
11	23.76	9.29	9.94	0.37	10.31	29.91	60.00	30.09	QP	NEUTRAL
12	23.76	2.91	9.94	0.37	10.31	23.53	50.00	26.47	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: OPT mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

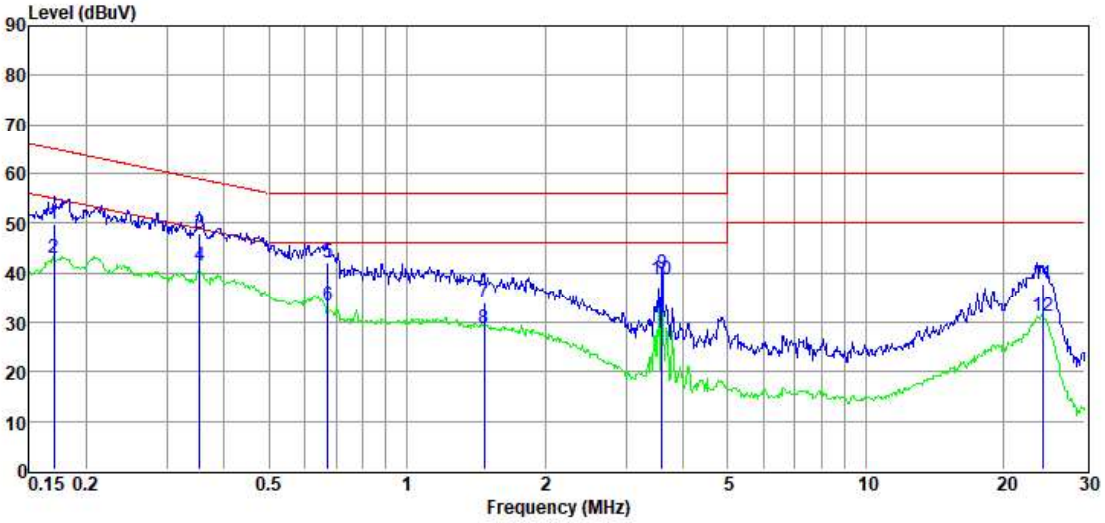


Data: 32

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.21	28.81	9.46	0.05	10.21	48.53	63.23	14.70	QP	LINE
2	0.21	18.56	9.46	0.05	10.21	38.28	53.23	14.95	Average	LINE
3	0.36	26.17	9.48	0.08	10.28	46.01	58.83	12.82	QP	LINE
4	0.36	18.08	9.48	0.08	10.28	37.92	48.83	10.91	Average	LINE
5	0.64	21.79	9.48	0.11	10.35	41.73	56.00	14.27	QP	LINE
6	0.64	13.77	9.48	0.11	10.35	33.71	46.00	12.29	Average	LINE
7	1.26	15.10	9.49	0.19	10.40	35.18	56.00	20.82	QP	LINE
8	1.26	9.37	9.49	0.19	10.40	29.45	46.00	16.55	Average	LINE
9	3.60	19.67	9.53	0.23	10.31	39.74	56.00	16.26	QP	LINE
10	3.60	18.59	9.53	0.23	10.31	38.66	46.00	7.34	Average	LINE
11	24.27	17.26	9.70	0.37	10.31	37.64	60.00	22.36	QP	LINE
12	24.27	10.77	9.70	0.37	10.31	31.15	50.00	18.85	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: COAX in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

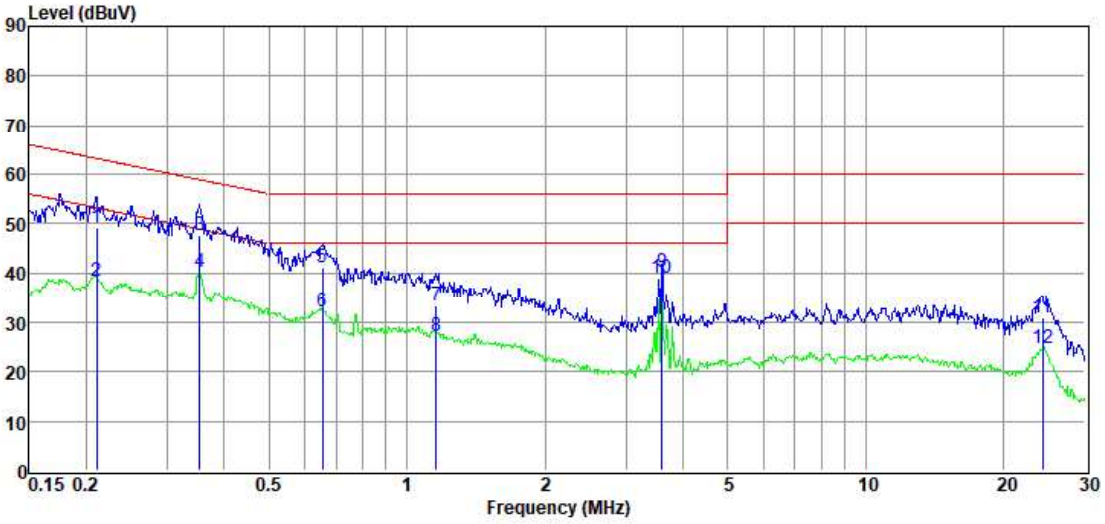


Data: 34

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	30.04	9.48	0.05	10.20	49.77	64.94	15.17	QP	LINE
2	0.17	23.29	9.48	0.05	10.20	43.02	54.94	11.92	Average	LINE
3	0.35	28.12	9.48	0.08	10.27	47.95	58.87	10.92	QP	LINE
4	0.35	21.71	9.48	0.08	10.27	41.54	48.87	7.33	Average	LINE
5	0.67	21.99	9.47	0.12	10.35	41.93	56.00	14.07	QP	LINE
6	0.67	13.56	9.47	0.12	10.35	33.50	46.00	12.50	Average	LINE
7	1.47	13.96	9.50	0.20	10.39	34.05	56.00	21.95	QP	LINE
8	1.47	8.62	9.50	0.20	10.39	28.71	46.00	17.29	Average	LINE
9	3.60	19.74	9.53	0.23	10.31	39.81	56.00	16.19	QP	LINE
10	3.60	18.67	9.53	0.23	10.31	38.74	46.00	7.26	Average	LINE
11	24.27	17.41	9.70	0.37	10.31	37.79	60.00	22.21	QP	LINE
12	24.27	10.80	9.70	0.37	10.31	31.18	50.00	18.82	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: COAX in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

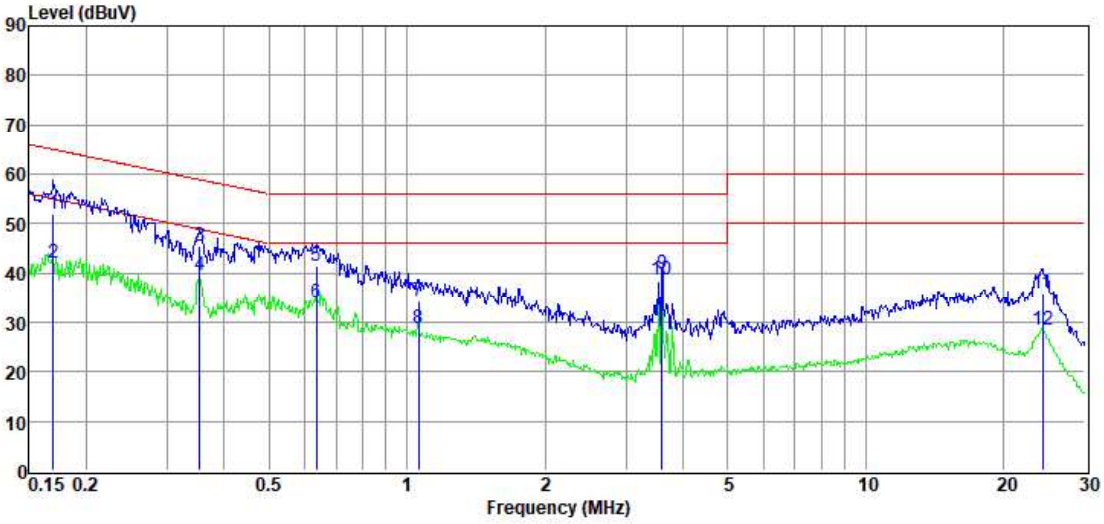


Data: 36

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.21	29.47	9.49	0.05	10.21	49.22	63.18	13.96	QP	NEUTRAL
2	0.21	18.61	9.49	0.05	10.21	38.36	53.18	14.82	Average	NEUTRAL
3	0.35	27.86	9.48	0.08	10.27	47.69	58.87	11.18	QP	NEUTRAL
4	0.35	20.24	9.48	0.08	10.27	40.07	48.87	8.80	Average	NEUTRAL
5	0.65	21.11	9.49	0.12	10.35	41.07	56.00	14.93	QP	NEUTRAL
6	0.65	12.20	9.49	0.12	10.35	32.16	46.00	13.84	Average	NEUTRAL
7	1.16	13.31	9.49	0.19	10.40	33.39	56.00	22.61	QP	NEUTRAL
8	1.16	7.02	9.49	0.19	10.40	27.10	46.00	18.90	Average	NEUTRAL
9	3.60	20.19	9.52	0.23	10.31	40.25	56.00	15.75	QP	NEUTRAL
10	3.60	18.92	9.52	0.23	10.31	38.98	46.00	7.02	Average	NEUTRAL
11	24.27	10.36	9.94	0.37	10.31	30.98	60.00	29.02	QP	NEUTRAL
12	24.27	3.98	9.94	0.37	10.31	24.60	50.00	25.40	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: COAX in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

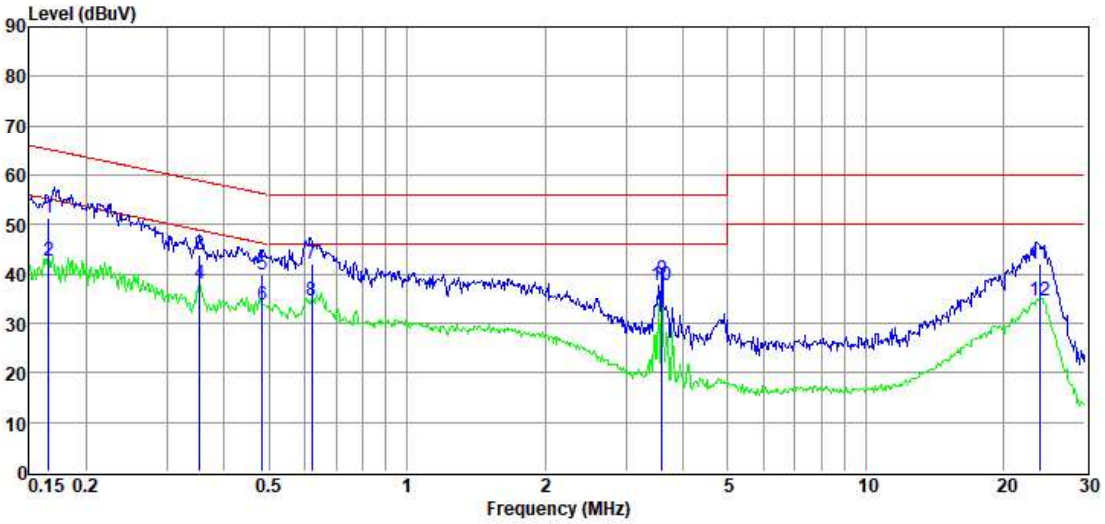


Data: 38

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	32.13	9.49	0.05	10.20	51.87	64.99	13.12	QP	NEUTRAL
2	0.17	22.38	9.49	0.05	10.20	42.12	54.99	12.87	Average	NEUTRAL
3	0.35	25.56	9.48	0.08	10.27	45.39	58.87	13.48	QP	NEUTRAL
4	0.35	19.89	9.48	0.08	10.27	39.72	48.87	9.15	Average	NEUTRAL
5	0.63	21.37	9.48	0.11	10.35	41.31	56.00	14.69	QP	NEUTRAL
6	0.63	13.94	9.48	0.11	10.35	33.88	46.00	12.12	Average	NEUTRAL
7	1.06	14.18	9.49	0.18	10.40	34.25	56.00	21.75	QP	NEUTRAL
8	1.06	8.70	9.49	0.18	10.40	28.77	46.00	17.23	Average	NEUTRAL
9	3.60	19.75	9.52	0.23	10.31	39.81	56.00	16.19	QP	NEUTRAL
10	3.60	18.57	9.52	0.23	10.31	38.63	46.00	7.37	Average	NEUTRAL
11	24.27	15.21	9.94	0.37	10.31	35.83	60.00	24.17	QP	NEUTRAL
12	24.27	7.77	9.94	0.37	10.31	28.39	50.00	21.61	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: COAX in mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

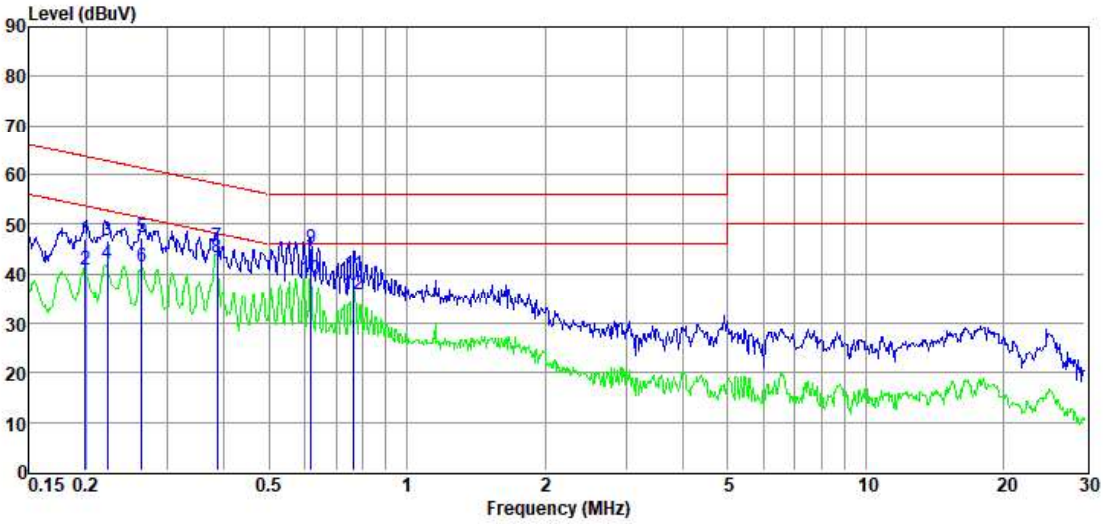


Data: 40

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.17	31.60	9.48	0.05	10.21	51.34	65.16	13.82	QP	LINE
2	0.17	22.83	9.48	0.05	10.21	42.57	55.16	12.59	Average	LINE
3	0.35	23.99	9.48	0.08	10.27	43.82	58.87	15.05	QP	LINE
4	0.35	18.11	9.48	0.08	10.27	37.94	48.87	10.93	Average	LINE
5	0.48	19.91	9.49	0.10	10.32	39.82	56.27	16.45	QP	LINE
6	0.48	13.78	9.49	0.10	10.32	33.69	46.27	12.58	Average	LINE
7	0.62	22.27	9.49	0.11	10.34	42.21	56.00	13.79	QP	LINE
8	0.62	14.69	9.49	0.11	10.34	34.63	46.00	11.37	Average	LINE
9	3.60	18.83	9.53	0.23	10.31	38.90	56.00	17.10	QP	LINE
10	3.60	17.70	9.53	0.23	10.31	37.77	46.00	8.23	Average	LINE
11	23.89	21.60	9.72	0.37	10.31	42.00	60.00	18.00	QP	LINE
12	23.89	14.37	9.72	0.37	10.31	34.77	50.00	15.23	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		

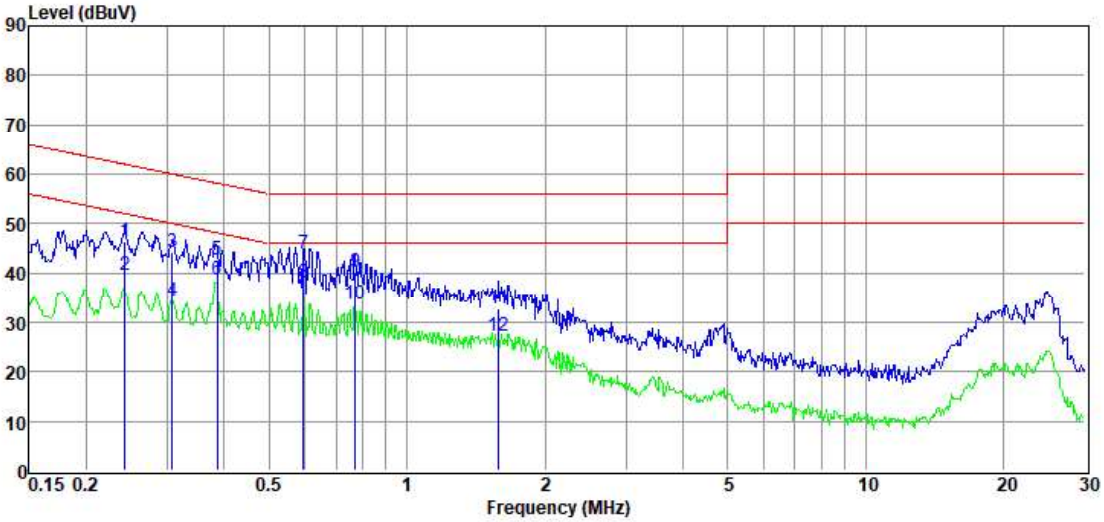


Data: 18

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.20	27.21	9.46	0.05	10.20	46.92	63.67	16.75	QP	LINE
2	0.20	20.97	9.46	0.05	10.20	40.68	53.67	12.99	Average	LINE
3	0.22	26.99	9.46	0.06	10.21	46.72	62.74	16.02	QP	LINE
4	0.22	22.42	9.46	0.06	10.21	42.15	52.74	10.59	Average	LINE
5	0.26	27.52	9.46	0.07	10.24	47.29	61.29	14.00	QP	LINE
6	0.26	21.63	9.46	0.07	10.24	41.40	51.29	9.89	Average	LINE
7	0.39	25.53	9.48	0.09	10.29	45.39	58.17	12.78	QP	LINE
8	0.39	23.34	9.48	0.09	10.29	43.20	48.17	4.97	Average	LINE
9	0.62	25.12	9.49	0.11	10.34	45.06	56.00	10.94	QP	LINE
10	0.62	19.11	9.49	0.11	10.34	39.05	46.00	6.95	Average	LINE
11	0.77	19.75	9.50	0.14	10.37	39.76	56.00	16.24	QP	LINE
12	0.77	15.72	9.50	0.14	10.37	35.73	46.00	10.27	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 240V/50Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

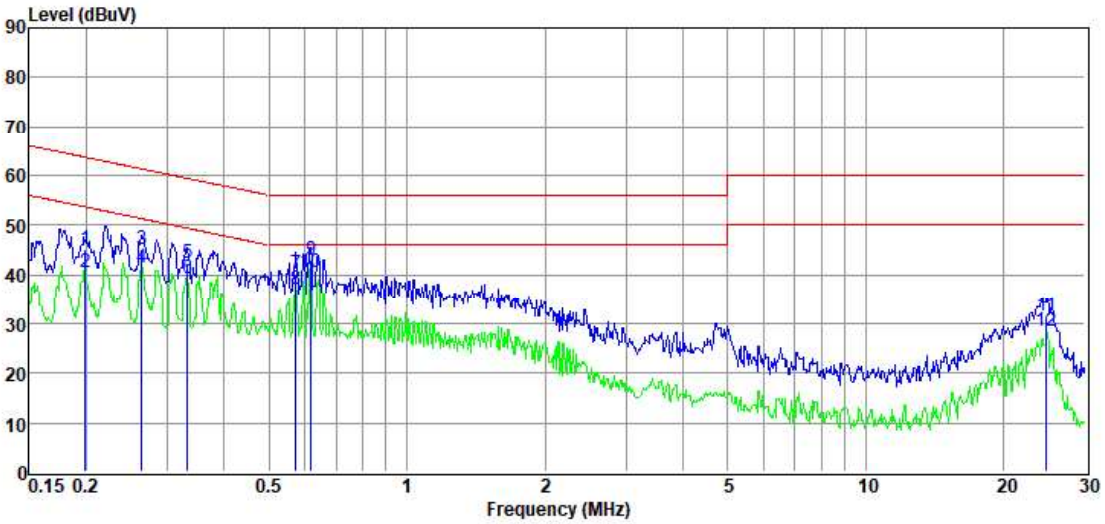


Data: 20

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.24	26.54	9.48	0.06	10.23	46.31	62.00	15.69	QP	NEUTRAL
2	0.24	19.93	9.48	0.06	10.23	39.70	52.00	12.30	Average	NEUTRAL
3	0.31	24.30	9.48	0.07	10.26	44.11	60.02	15.91	QP	NEUTRAL
4	0.31	14.39	9.48	0.07	10.26	34.20	50.02	15.82	Average	NEUTRAL
5	0.39	22.77	9.48	0.09	10.29	42.63	58.17	15.54	QP	NEUTRAL
6	0.39	18.83	9.48	0.09	10.29	38.69	48.17	9.48	Average	NEUTRAL
7	0.59	23.94	9.48	0.11	10.34	43.87	56.00	12.13	QP	NEUTRAL
8	0.59	18.08	9.48	0.11	10.34	38.01	46.00	7.99	Average	NEUTRAL
9	0.77	20.27	9.48	0.14	10.37	40.26	56.00	15.74	QP	NEUTRAL
10	0.77	13.64	9.48	0.14	10.37	33.63	46.00	12.37	Average	NEUTRAL
11	1.59	12.81	9.50	0.20	10.39	32.90	56.00	23.10	QP	NEUTRAL
12	1.59	7.19	9.50	0.20	10.39	27.28	46.00	18.72	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/NEUTRAL
Memo	: S25092202-005		

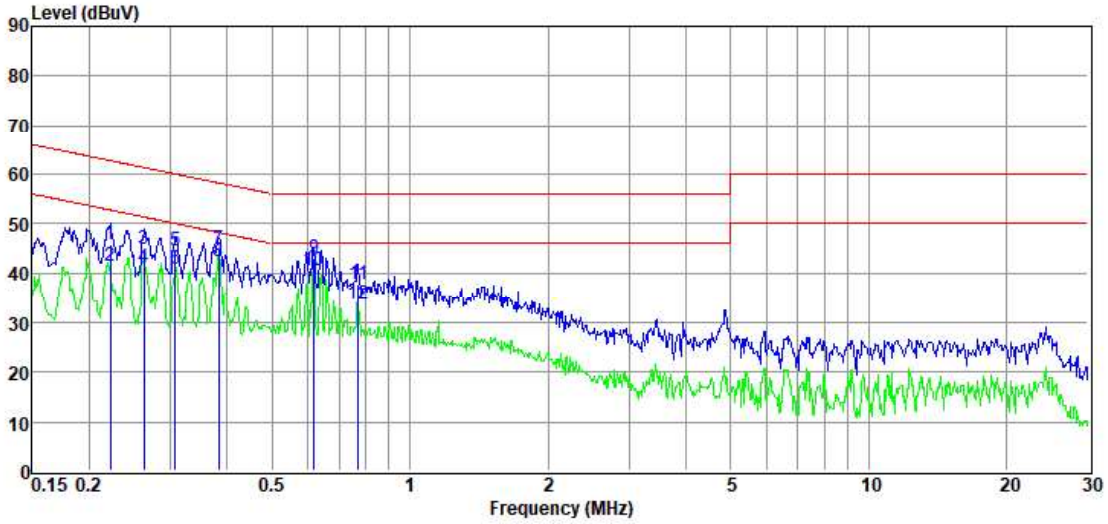


Data: 22

Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Margin	Detector	Phase
(Mark)	(MHz)	(dBµV)	(dB)	(dB)	(dB)	(dBµV)	(dBµV)	(dB)		
1	0.20	25.41	9.49	0.05	10.20	45.15	63.67	18.52	QP	NEUTRAL
2	0.20	20.72	9.49	0.05	10.20	40.46	53.67	13.21	Average	NEUTRAL
3	0.26	25.23	9.48	0.07	10.24	45.02	61.29	16.27	QP	NEUTRAL
4	0.26	21.70	9.48	0.07	10.24	41.49	51.29	9.80	Average	NEUTRAL
5	0.33	22.62	9.48	0.08	10.27	42.45	59.40	16.95	QP	NEUTRAL
6	0.33	19.35	9.48	0.08	10.27	39.18	49.40	10.22	Average	NEUTRAL
7	0.57	20.22	9.48	0.11	10.34	40.15	56.00	15.85	QP	NEUTRAL
8	0.57	17.05	9.48	0.11	10.34	36.98	46.00	9.02	Average	NEUTRAL
9	0.62	23.06	9.48	0.11	10.34	42.99	56.00	13.01	QP	NEUTRAL
10	0.62	20.70	9.48	0.11	10.34	40.63	46.00	5.37	Average	NEUTRAL
11	24.79	10.98	9.94	0.38	10.31	31.61	60.00	28.39	QP	NEUTRAL
12	24.79	7.92	9.94	0.38	10.31	28.55	50.00	21.45	Average	NEUTRAL

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Test Site	: DDT 5# Shield Room		
Test Date	: 2025-11-11	**Tested By**	: Aaron Liu
Power Supply	: AC 120V/60Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:22.4°C,Humi:56.8%	**LISN**	: 2025 2# 216/LINE
Memo	: S25092202-005		



Data: 24

Item (Mark)	Freq. (MHz)	Read Level (dBµV)	LISN Factor (dB)	Cable Loss (dB)	Pulse Limiter Factor (dB)	Result Level (dBµV)	Limit Line (dBµV)	Margin (dB)	Detector	Phase
1	0.22	26.20	9.46	0.06	10.21	45.93	62.74	16.81	QP	LINE
2	0.22	21.84	9.46	0.06	10.21	41.57	52.74	11.17	Average	LINE
3	0.26	25.13	9.46	0.07	10.24	44.90	61.34	16.44	QP	LINE
4	0.26	21.37	9.46	0.07	10.24	41.14	51.34	10.20	Average	LINE
5	0.31	24.64	9.48	0.07	10.26	44.45	60.02	15.57	QP	LINE
6	0.31	21.06	9.48	0.07	10.26	40.87	50.02	9.15	Average	LINE
7	0.38	24.84	9.48	0.09	10.29	44.70	58.21	13.51	QP	LINE
8	0.38	22.59	9.48	0.09	10.29	42.45	48.21	5.76	Average	LINE
9	0.62	23.09	9.49	0.11	10.34	43.03	56.00	12.97	QP	LINE
10	0.62	20.55	9.49	0.11	10.34	40.49	46.00	5.51	Average	LINE
11	0.77	17.64	9.50	0.14	10.37	37.65	56.00	18.35	QP	LINE
12	0.77	13.67	9.50	0.14	10.37	33.68	46.00	12.32	Average	LINE

Note: 1. Result Level = Read Level +LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

4 Appendix B.4 : Radiated Emissions, below 1GHz

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

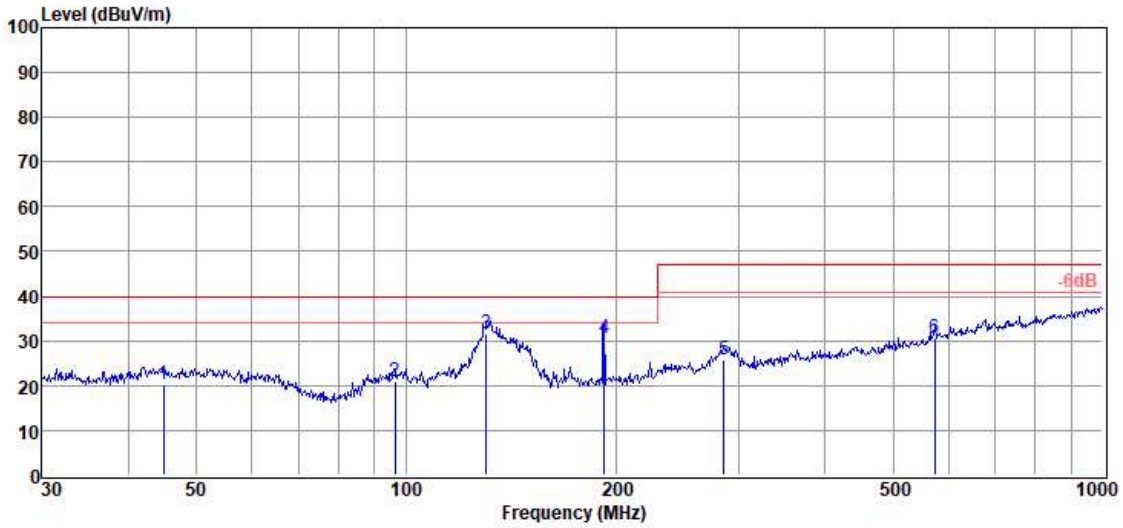
Power Supply : AC 240V/50Hz

Test Mode : LINE 1 in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	44.90	2.73	13.60	3.93	20.26	40.00	19.74	QP	VERTICAL
2	96.44	5.69	10.69	4.44	20.82	40.00	19.18	QP	VERTICAL
3	130.38	18.03	8.74	4.74	31.51	40.00	8.49	QP	VERTICAL
4	192.42	15.66	9.87	5.17	30.70	40.00	9.30	QP	VERTICAL
5	285.98	6.99	13.00	5.71	25.70	47.00	21.30	QP	VERTICAL
6	574.63	4.66	18.49	7.30	30.45	47.00	16.55	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

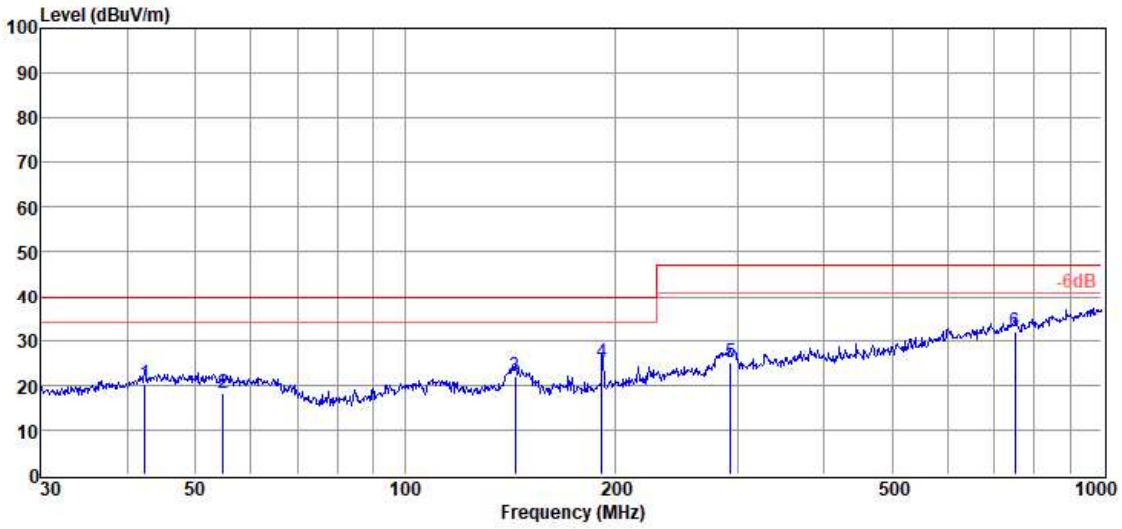
Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08 **Tested By** : Andy Li

Power Supply : AC 240V/50Hz **Test Mode** : LINE 1 in mode

Condition : Temp:21.4°C,Humi:53.3% **Antenna/Distance** : 2025 2# ANT 9163/3m/HORIZONTAL

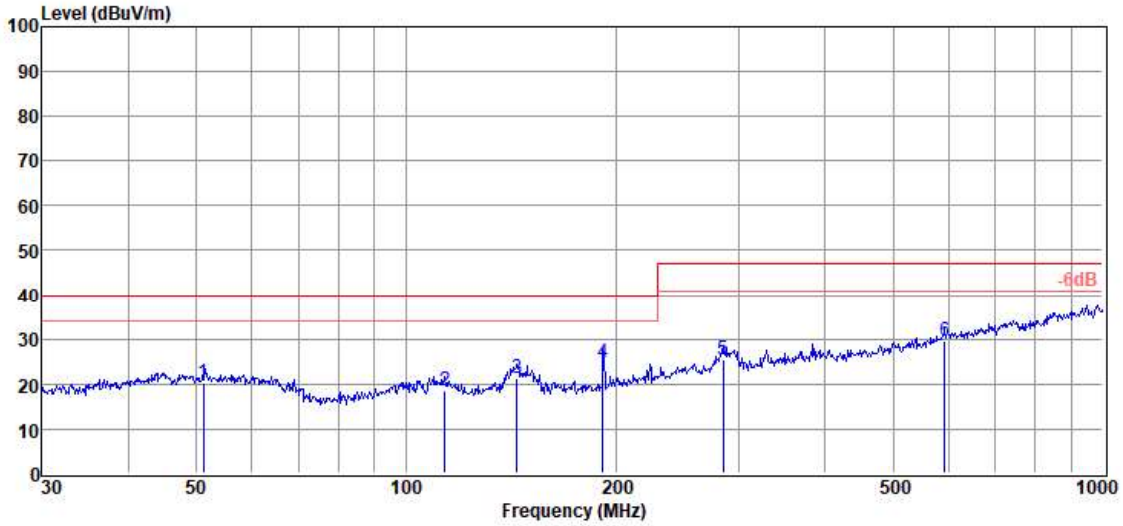
Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	42.30	3.19	13.29	3.89	20.37	40.00	19.63	QP	HORIZONTAL
2	54.84	0.93	13.38	4.06	18.37	40.00	21.63	QP	HORIZONTAL
3	143.83	8.27	8.77	4.85	21.89	40.00	18.11	QP	HORIZONTAL
4	191.75	10.17	9.78	5.16	25.11	40.00	14.89	QP	HORIZONTAL
5	293.08	6.14	13.25	5.73	25.12	47.00	21.88	QP	HORIZONTAL
6	750.11	3.22	20.50	8.07	31.79	47.00	15.21	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

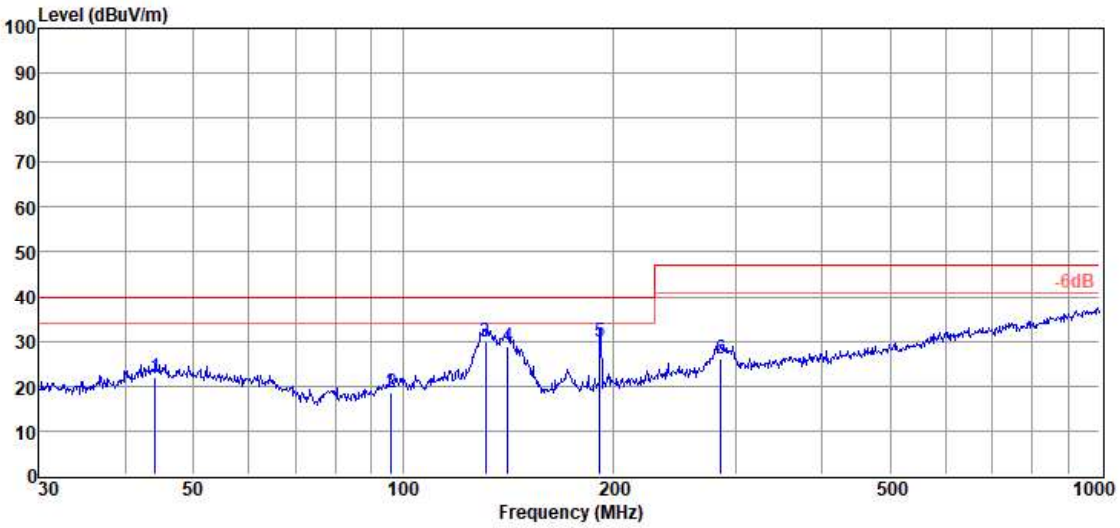
Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/HORIZONTAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	51.12	3.13	13.16	4.01	20.30	40.00	19.70	QP	HORIZONTAL
2	113.71	2.98	11.14	4.60	18.72	40.00	21.28	QP	HORIZONTAL
3	144.34	7.96	8.63	4.85	21.44	40.00	18.56	QP	HORIZONTAL
4	191.75	9.80	9.78	5.16	24.74	40.00	15.26	QP	HORIZONTAL
5	284.98	6.86	13.00	5.70	25.56	47.00	21.44	QP	HORIZONTAL
6	593.05	3.27	18.82	7.38	29.47	47.00	17.53	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/VERTICAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	44.12	4.51	13.60	3.92	22.03	40.00	17.97	QP	VERTICAL
2	96.10	3.35	10.93	4.43	18.71	40.00	21.29	QP	VERTICAL
3	131.30	16.38	8.68	4.75	29.81	40.00	10.19	QP	VERTICAL
4	141.33	15.83	8.30	4.83	28.96	40.00	11.04	QP	VERTICAL
5	191.75	15.00	9.78	5.16	29.94	40.00	10.06	QP	VERTICAL
6	285.98	7.49	13.00	5.71	26.20	47.00	20.80	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

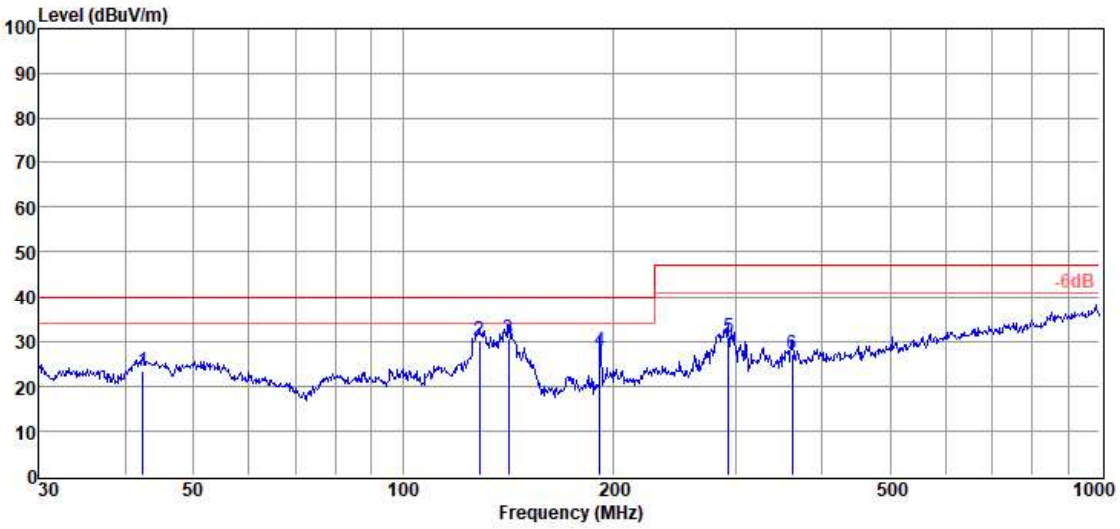
Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08 **Tested By** : Andy Li

Power Supply : AC 120V/60Hz **Test Mode** : LINE 2 in mode

Condition : Temp:21.4°C,Humi:53.3% **Antenna/Distance** : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	42.30	6.22	13.29	3.89	23.40	40.00	16.60	QP	VERTICAL
2	128.56	16.82	8.54	4.73	30.09	40.00	9.91	QP	VERTICAL
3	141.83	17.58	8.15	4.83	30.56	40.00	9.44	QP	VERTICAL
4	191.75	13.02	9.78	5.16	27.96	40.00	12.04	QP	VERTICAL
5	293.08	11.78	13.25	5.73	30.76	47.00	16.24	QP	VERTICAL
6	361.71	6.17	14.97	6.16	27.30	47.00	19.70	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

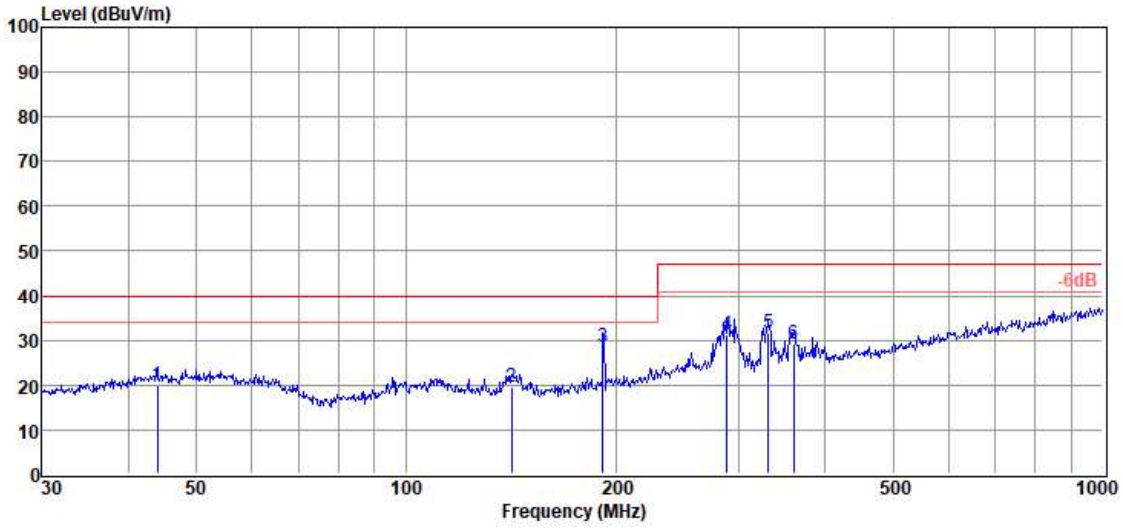
Power Supply : AC 120V/60Hz

Test Mode : LINE 2 in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/HORIZONTAL

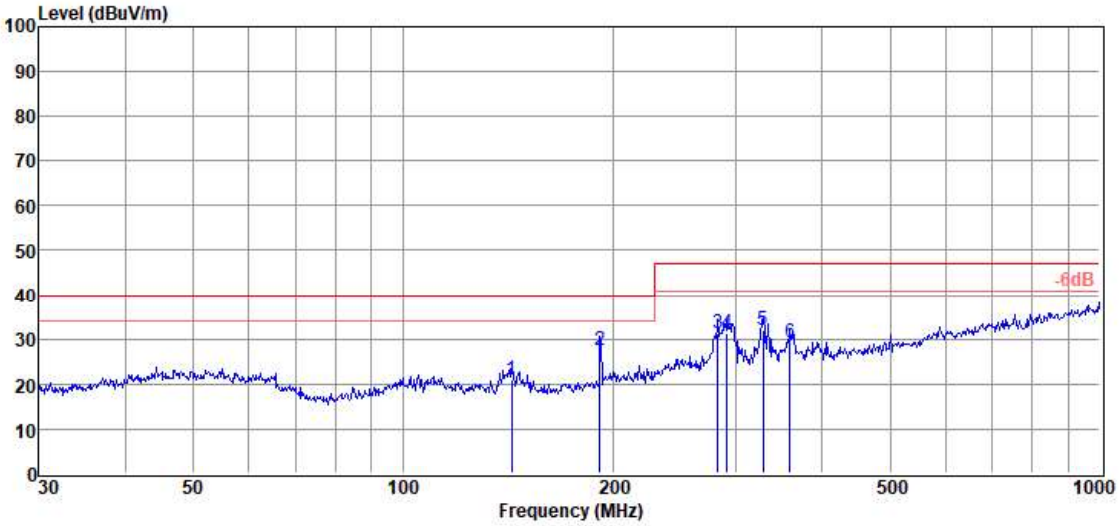
Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	43.97	2.57	13.60	3.91	20.08	40.00	19.92	QP	HORIZONTAL
2	141.83	6.47	8.15	4.83	19.45	40.00	20.55	QP	HORIZONTAL
3	191.75	13.66	9.78	5.16	28.60	40.00	11.40	QP	HORIZONTAL
4	289.00	12.42	13.00	5.72	31.14	47.00	15.86	QP	HORIZONTAL
5	331.36	11.56	14.23	5.97	31.76	47.00	15.24	QP	HORIZONTAL
6	360.45	8.29	14.85	6.15	29.29	47.00	17.71	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/HORIZONTAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	143.33	7.28	8.67	4.84	20.79	40.00	19.21	QP	HORIZONTAL
2	191.75	12.65	9.78	5.16	27.59	40.00	12.41	QP	HORIZONTAL
3	282.99	12.77	12.96	5.70	31.43	47.00	15.57	QP	HORIZONTAL
4	292.06	12.41	13.17	5.73	31.31	47.00	15.69	QP	HORIZONTAL
5	329.04	11.94	14.16	5.96	32.06	47.00	14.94	QP	HORIZONTAL
6	359.19	8.23	14.85	6.14	29.22	47.00	17.78	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

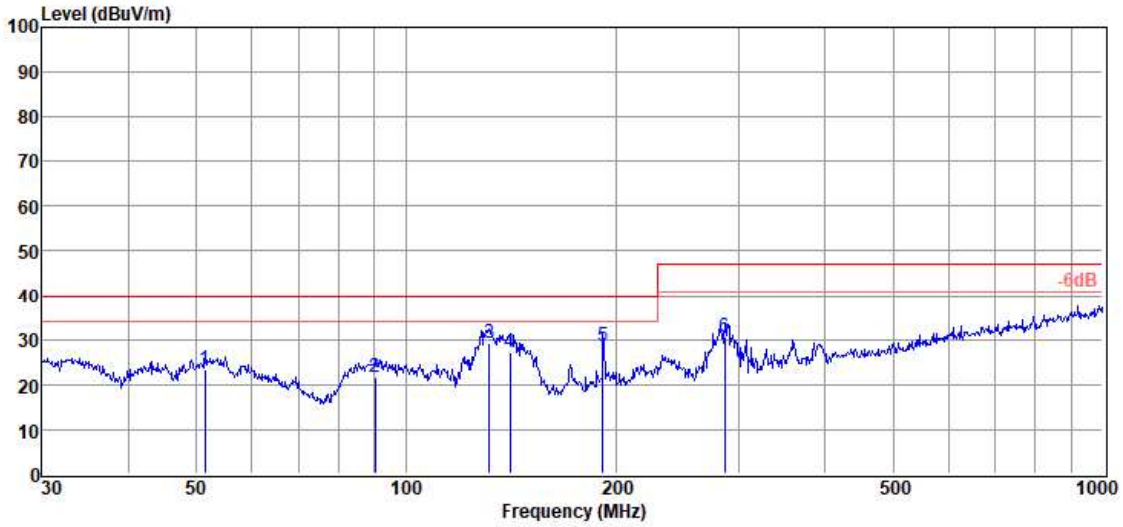
Power Supply : AC 240V/50Hz

Test Mode : LINE 2 in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	51.48	5.88	13.34	4.02	23.24	40.00	16.76	QP	VERTICAL
2	90.22	7.53	9.59	4.39	21.51	40.00	18.49	QP	VERTICAL
3	131.76	16.07	8.50	4.75	29.32	40.00	10.68	QP	VERTICAL
4	140.84	14.09	8.37	4.82	27.28	40.00	12.72	QP	VERTICAL
5	191.75	13.41	9.78	5.16	28.35	40.00	11.65	QP	VERTICAL
6	286.98	11.89	13.00	5.71	30.60	47.00	16.40	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

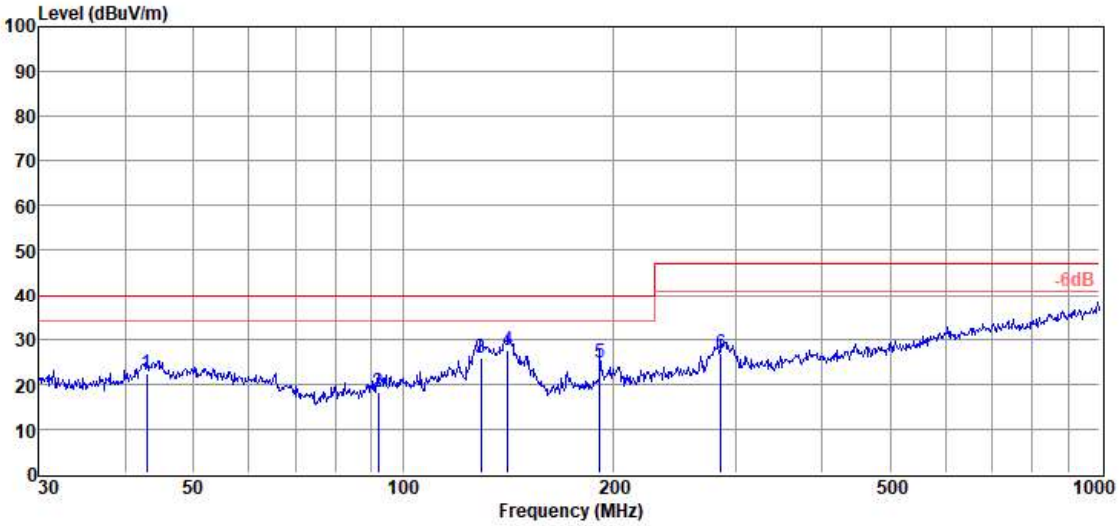
Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08 **Tested By** : Andy Li

Power Supply : AC 240V/50Hz **Test Mode** : Bluetooth mode

Condition : Temp:21.4°C,Humi:53.3% **Antenna/Distance** : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	42.90	5.04	13.47	3.90	22.41	40.00	17.59	QP	VERTICAL
2	92.14	3.98	9.90	4.40	18.28	40.00	21.72	QP	VERTICAL
3	129.47	12.49	8.59	4.73	25.81	40.00	14.19	QP	VERTICAL
4	141.33	14.35	8.30	4.83	27.48	40.00	12.52	QP	VERTICAL
5	191.75	9.68	9.78	5.16	24.62	40.00	15.38	QP	VERTICAL
6	285.98	8.26	13.00	5.71	26.97	47.00	20.03	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

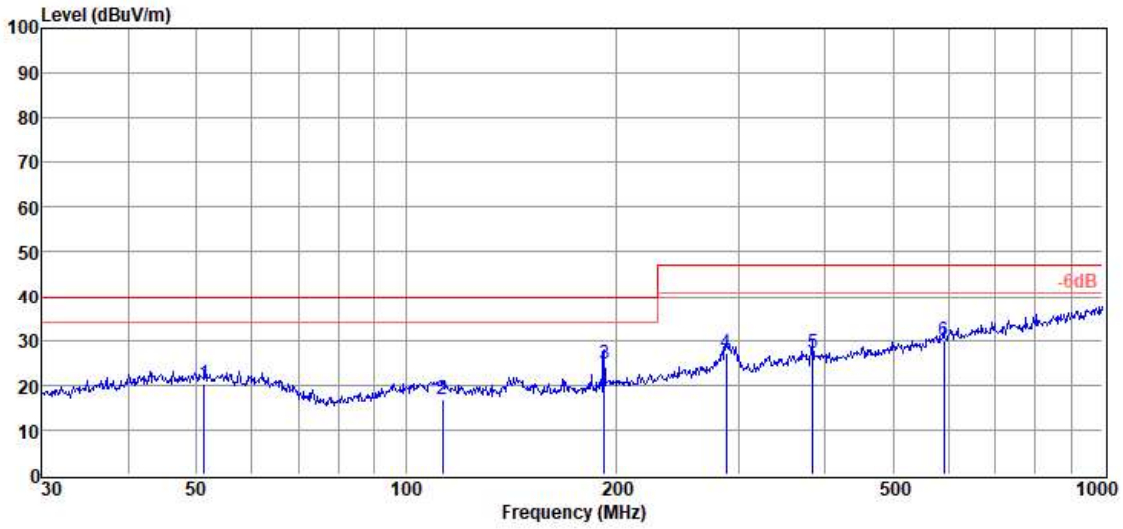
Power Supply : AC 240V/50Hz

Test Mode : Bluetooth mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/HORIZONTAL

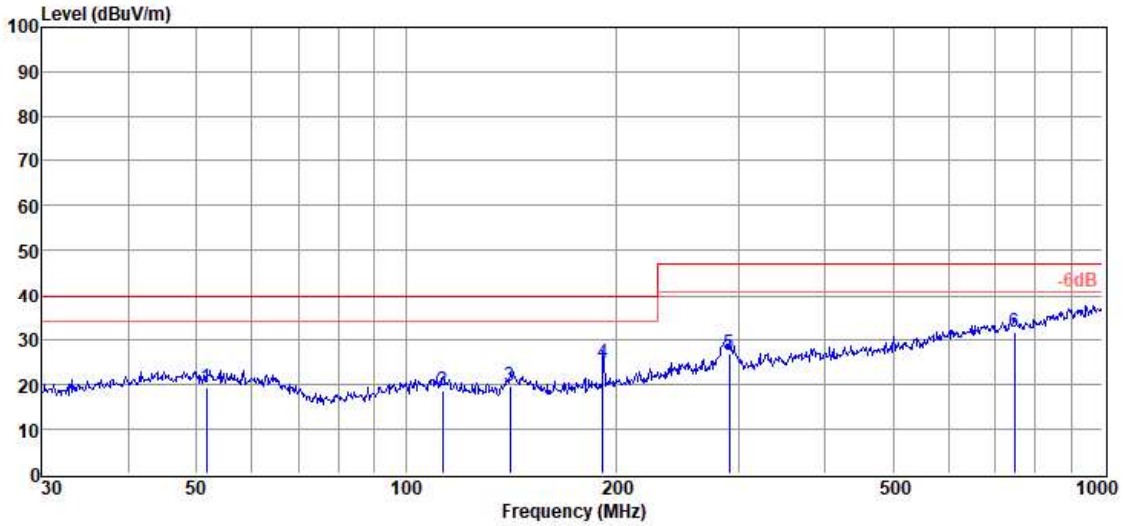
Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	51.30	3.03	13.25	4.02	20.30	40.00	19.70	QP	HORIZONTAL
2	112.92	0.86	11.49	4.59	16.94	40.00	23.06	QP	HORIZONTAL
3	192.42	9.70	9.87	5.17	24.74	40.00	15.26	QP	HORIZONTAL
4	287.99	8.35	13.00	5.72	27.07	47.00	19.93	QP	HORIZONTAL
5	383.93	5.04	15.67	6.28	26.99	47.00	20.01	QP	HORIZONTAL
6	590.97	3.57	18.94	7.37	29.88	47.00	17.12	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 120V/60Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/HORIZONTAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	51.66	1.70	13.43	4.02	19.15	40.00	20.85	QP	HORIZONTAL
2	112.92	2.49	11.49	4.59	18.57	40.00	21.43	QP	HORIZONTAL
3	140.84	6.48	8.37	4.82	19.67	40.00	20.33	QP	HORIZONTAL
4	191.75	9.71	9.78	5.16	24.65	40.00	15.35	QP	HORIZONTAL
5	291.04	7.92	13.08	5.73	26.73	47.00	20.27	QP	HORIZONTAL
6	747.48	3.15	20.40	8.06	31.61	47.00	15.39	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

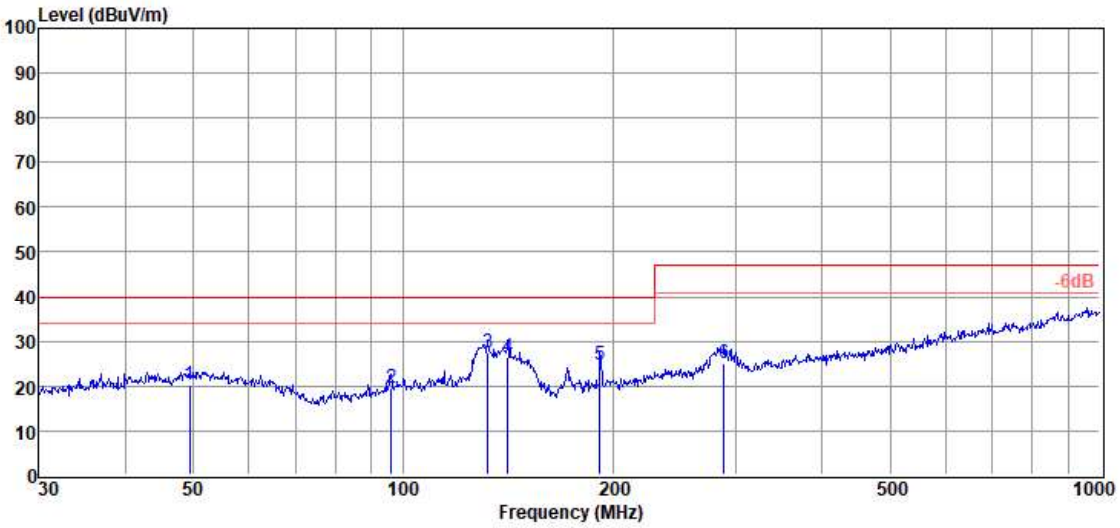
Power Supply : AC 120V/60Hz

Test Mode : Bluetooth mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/VERTICAL

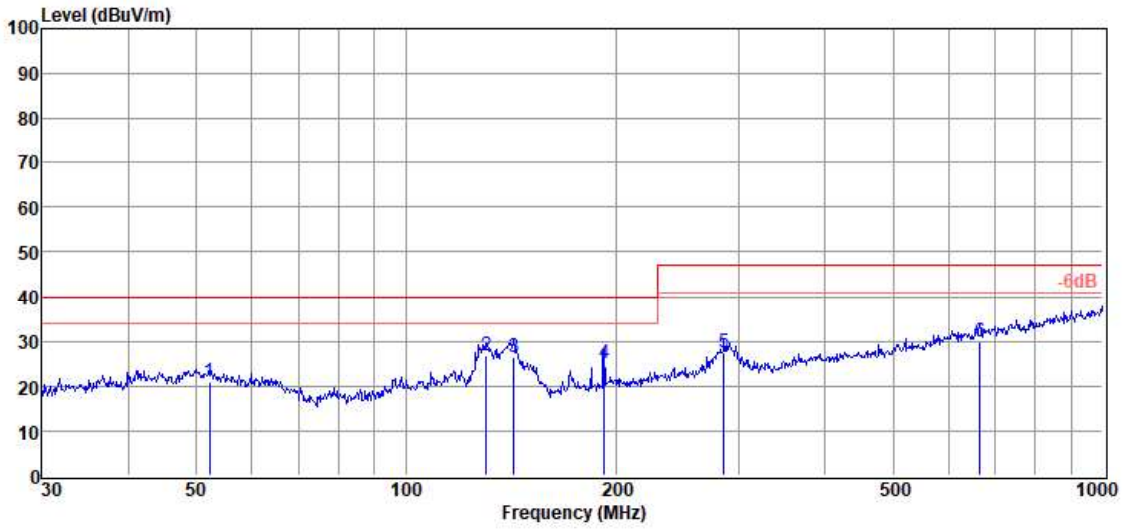
Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	49.36	2.85	13.51	3.99	20.35	40.00	19.65	QP	VERTICAL
2	96.10	4.17	10.93	4.43	19.53	40.00	20.47	QP	VERTICAL
3	132.22	14.17	8.44	4.76	27.37	40.00	12.63	QP	VERTICAL
4	141.33	13.25	8.30	4.83	26.38	40.00	13.62	QP	VERTICAL
5	191.75	9.83	9.78	5.16	24.77	40.00	15.23	QP	VERTICAL
6	289.00	6.50	13.00	5.72	25.22	47.00	21.78	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 120V/60Hz	**Test Mode**	: OPT in mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/VERTICAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	52.21	3.47	13.54	4.03	21.04	40.00	18.96	QP	VERTICAL
2	130.38	13.23	8.74	4.74	26.71	40.00	13.29	QP	VERTICAL
3	142.82	13.26	8.51	4.84	26.61	40.00	13.39	QP	VERTICAL
4	192.42	10.16	9.87	5.17	25.20	40.00	14.80	QP	VERTICAL
5	285.98	8.68	13.00	5.71	27.39	47.00	19.61	QP	VERTICAL
6	665.80	2.62	19.42	7.71	29.75	47.00	17.25	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

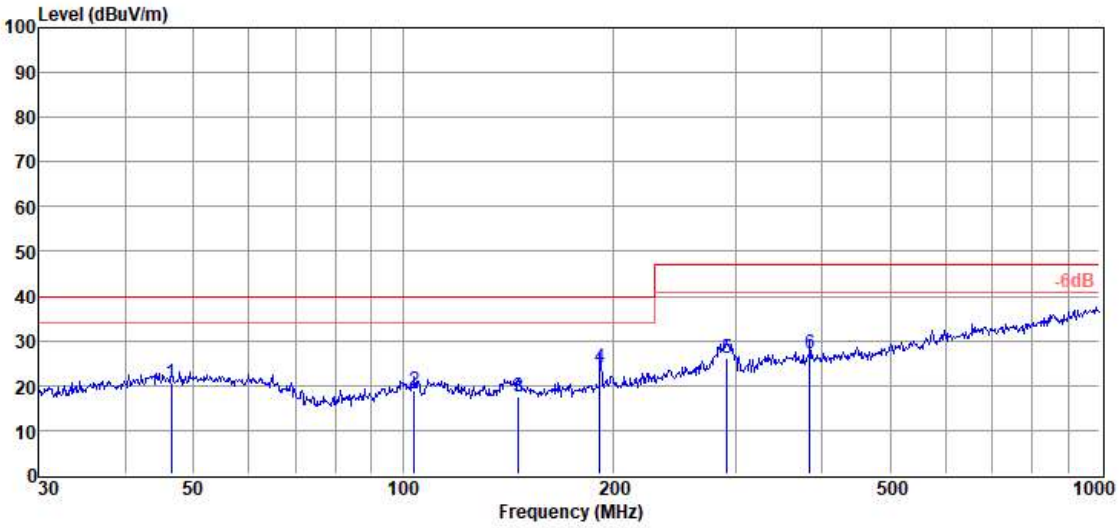
Power Supply : AC 120V/60Hz

Test Mode : OPT in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/HORIZONTAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	46.50	3.46	13.20	3.95	20.61	40.00	19.39	QP	HORIZONTAL
2	103.81	3.28	11.08	4.50	18.86	40.00	21.14	QP	HORIZONTAL
3	146.37	4.27	8.56	4.86	17.69	40.00	22.31	QP	HORIZONTAL
4	191.75	9.15	9.78	5.16	24.09	40.00	15.91	QP	HORIZONTAL
5	292.06	7.27	13.17	5.73	26.17	47.00	20.83	QP	HORIZONTAL
6	383.93	5.36	15.67	6.28	27.31	47.00	19.69	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

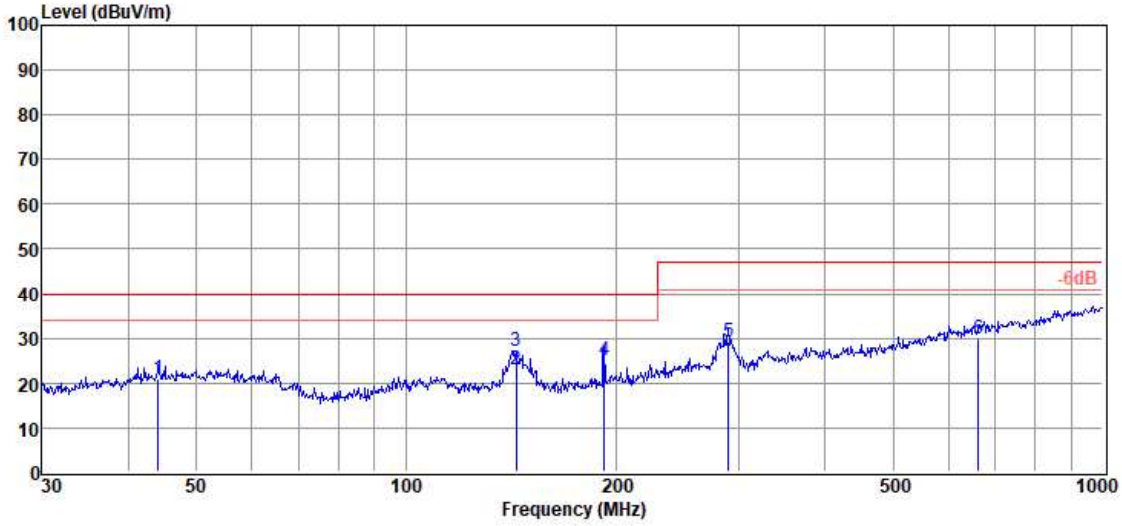
Power Supply : AC 240V/50Hz

Test Mode : OPT in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/HORIZONTAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	44.12	3.44	13.60	3.92	20.96	40.00	19.04	QP	HORIZONTAL
2	143.83	9.54	8.77	4.85	23.16	40.00	16.84	QP	HORIZONTAL
3	143.83	13.54	8.77	4.85	27.16	40.00	12.84	QP	HORIZONTAL
4	192.42	10.03	9.87	5.17	25.07	40.00	14.93	QP	HORIZONTAL
5	290.02	10.47	13.00	5.72	29.19	47.00	17.81	QP	HORIZONTAL
6	663.47	2.96	19.37	7.70	30.03	47.00	16.97	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

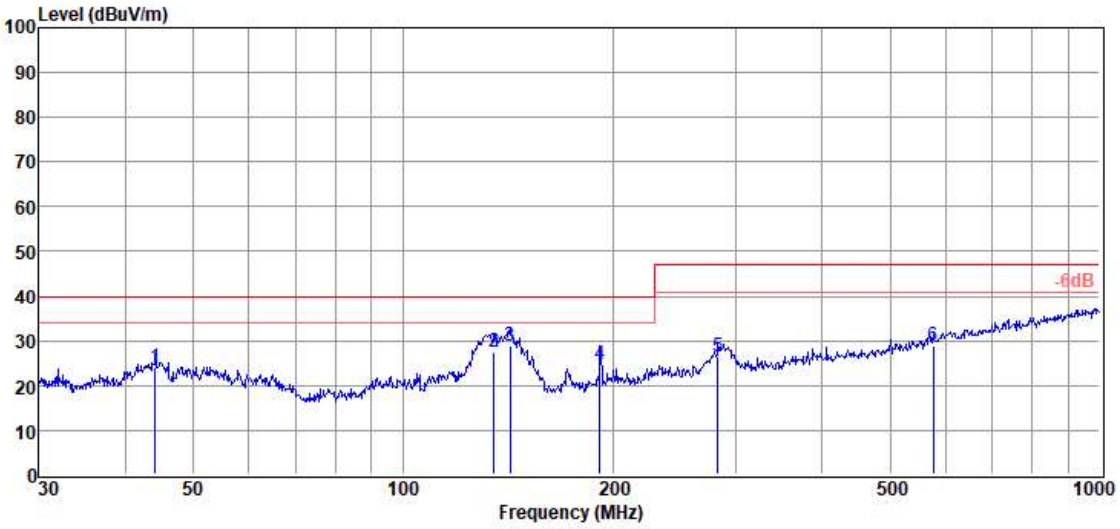
Power Supply : AC 240V/50Hz

Test Mode : OPT in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	44.12	6.46	13.60	3.92	23.98	40.00	16.02	QP	VERTICAL
2	135.03	14.52	8.19	4.78	27.49	40.00	12.51	QP	VERTICAL
3	142.32	15.92	8.26	4.83	29.01	40.00	10.99	QP	VERTICAL
4	191.75	9.97	9.78	5.16	24.91	40.00	15.09	QP	VERTICAL
5	282.99	7.76	12.96	5.70	26.42	47.00	20.58	QP	VERTICAL
6	576.64	2.91	18.60	7.31	28.82	47.00	18.18	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

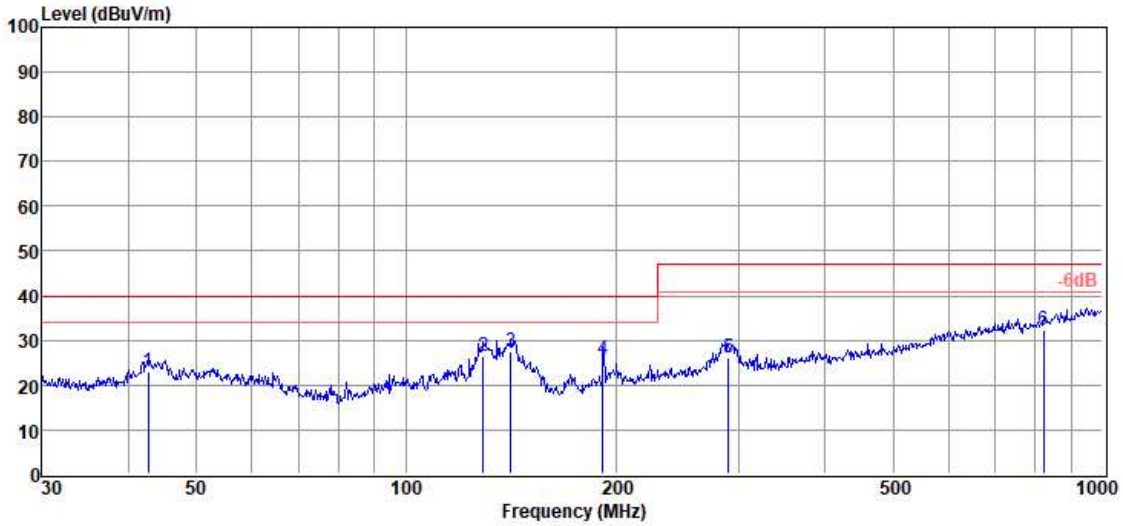
Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08 **Tested By** : Andy Li

Power Supply : AC 240V/50Hz **Test Mode** : COAX in mode

Condition : Temp:21.4°C,Humi:53.3% **Antenna/Distance** : 2025 2# ANT 9163/3m/VERTICAL

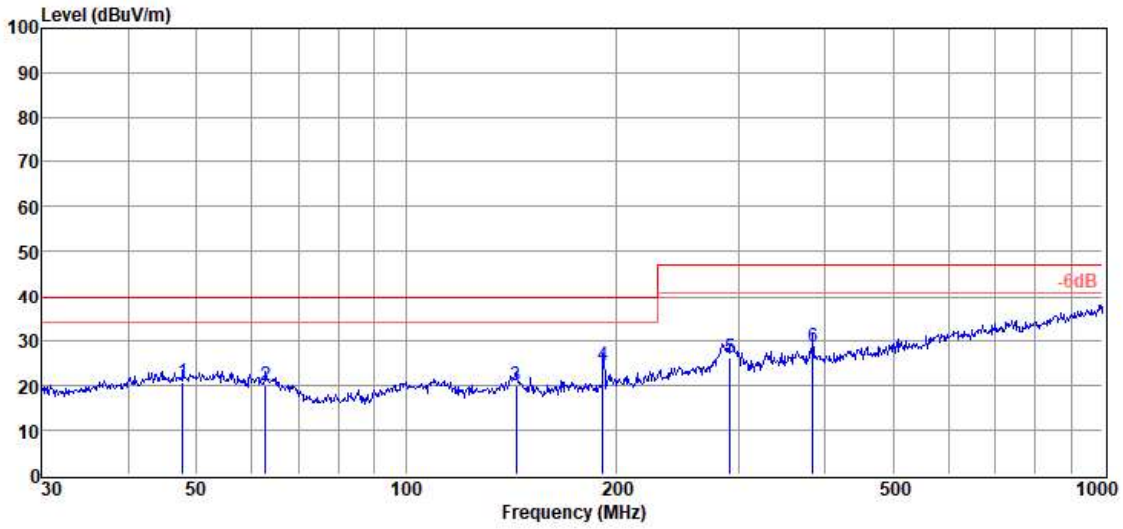
Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	42.60	5.81	13.38	3.89	23.08	40.00	16.92	QP	VERTICAL
2	129.02	13.28	8.50	4.73	26.51	40.00	13.49	QP	VERTICAL
3	141.33	14.25	8.30	4.83	27.38	40.00	12.62	QP	VERTICAL
4	191.75	10.68	9.78	5.16	25.62	40.00	14.38	QP	VERTICAL
5	290.02	7.42	13.00	5.72	26.14	47.00	20.86	QP	VERTICAL
6	821.71	3.37	20.70	8.35	32.42	47.00	14.58	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site	: DDT 3m Chamber 2#		
Test Date	: 2025-11-08	**Tested By**	: Andy Li
Power Supply	: AC 240V/50Hz	**Test Mode**	: COAX in mode
Condition	: Temp:21.4°C,Humi:53.3%	**Antenna/Distance**	: 2025 2# ANT 9163/3m/HORIZONTAL
Sample No.	: S25092202-005		



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	47.83	3.24	13.30	3.97	20.51	40.00	19.49	QP	HORIZONTAL
2	62.87	3.33	12.49	4.15	19.97	40.00	20.03	QP	HORIZONTAL
3	143.83	6.28	8.77	4.85	19.90	40.00	20.10	QP	HORIZONTAL
4	191.75	9.33	9.78	5.16	24.27	40.00	15.73	QP	HORIZONTAL
5	292.06	7.27	13.17	5.73	26.17	47.00	20.83	QP	HORIZONTAL
6	383.93	6.52	15.67	6.28	28.47	47.00	18.53	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

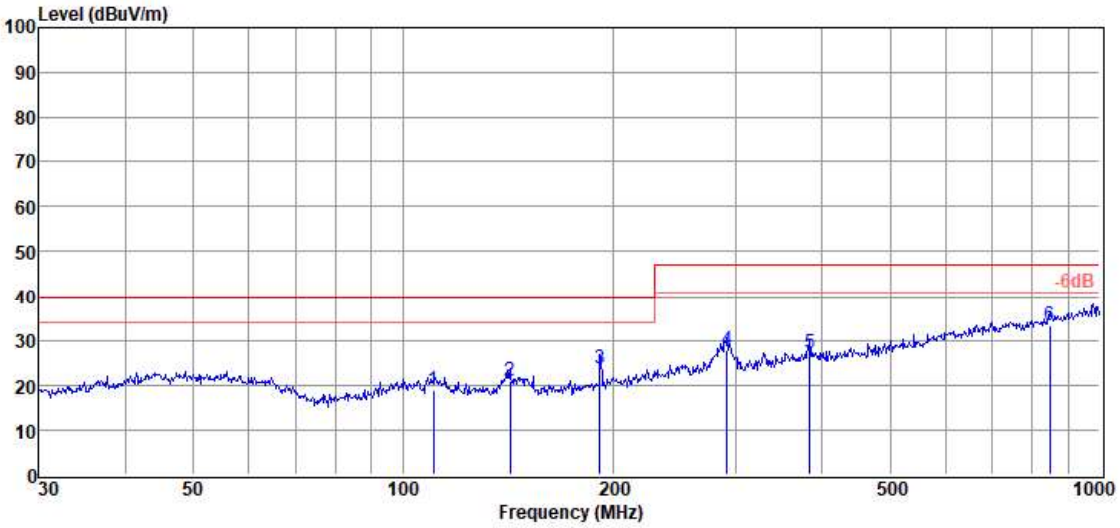
Power Supply : AC 120V/60Hz

Test Mode : COAX in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/HORIZONTAL

Sample No. : S25092202-005



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	110.57	2.51	11.74	4.57	18.82	40.00	21.18	QP	HORIZONTAL
2	142.32	7.78	8.26	4.83	20.87	40.00	19.13	QP	HORIZONTAL
3	191.75	8.79	9.78	5.16	23.73	40.00	16.27	QP	HORIZONTAL
4	292.06	8.78	13.17	5.73	27.68	47.00	19.32	QP	HORIZONTAL
5	383.93	5.32	15.67	6.28	27.27	47.00	19.73	QP	HORIZONTAL
6	848.06	3.21	21.67	8.43	33.31	47.00	13.69	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Test Site : DDT 3m Chamber 2#

Test Date : 2025-11-08

Tested By : Andy Li

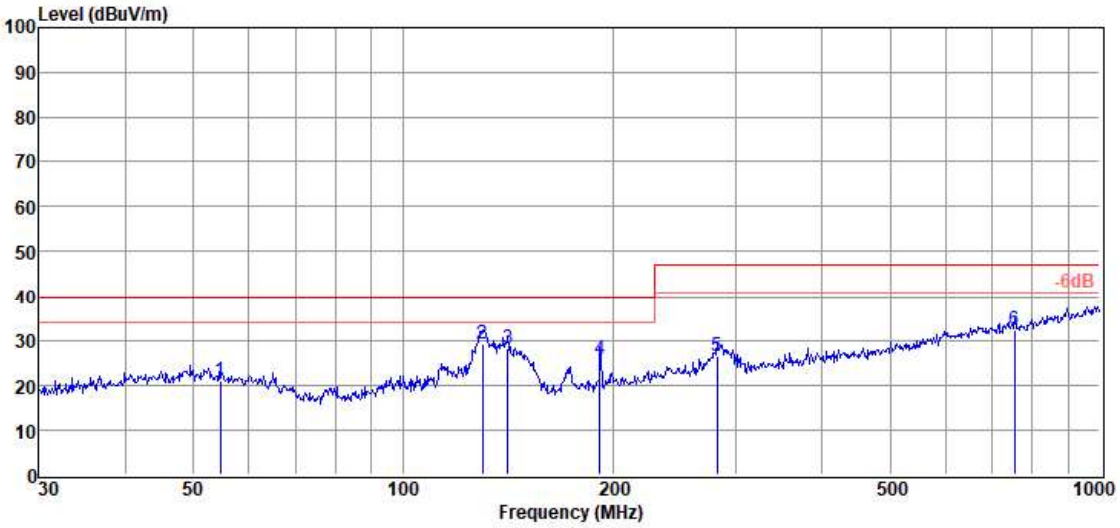
Power Supply : AC 120V/60Hz

Test Mode : COAX in mode

Condition : Temp:21.4°C,Humi:53.3%

Antenna/Distance : 2025 2# ANT 9163/3m/VERTICAL

Sample No. : S25092202-005



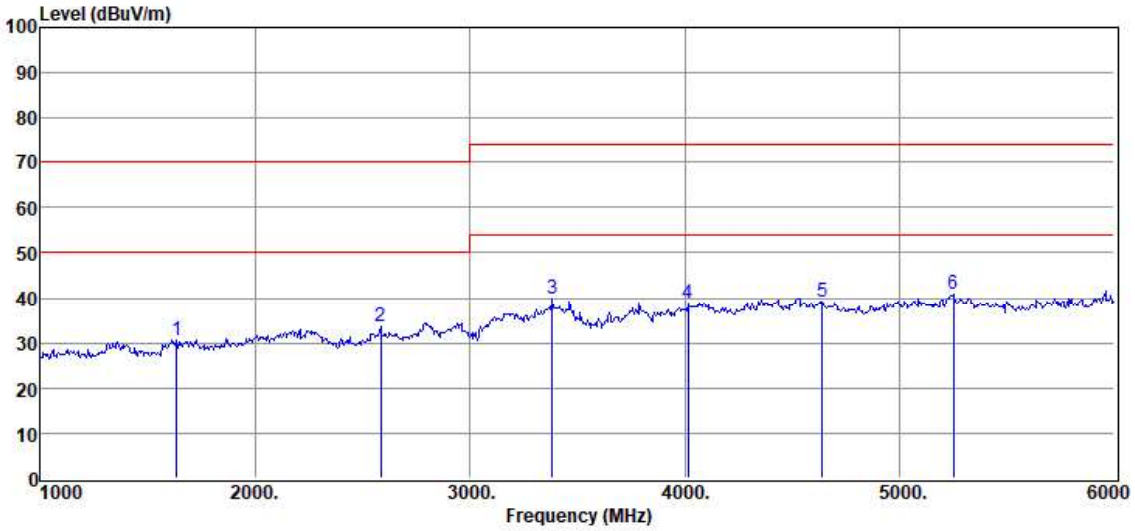
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	54.64	3.66	13.36	4.06	21.08	40.00	18.92	QP	VERTICAL
2	129.92	15.89	8.68	4.74	29.31	40.00	10.69	QP	VERTICAL
3	141.33	14.93	8.30	4.83	28.06	40.00	11.94	QP	VERTICAL
4	191.75	10.74	9.78	5.16	25.68	40.00	14.32	QP	VERTICAL
5	282.00	7.87	12.94	5.69	26.50	47.00	20.50	QP	VERTICAL
6	755.39	3.94	20.37	8.10	32.41	47.00	14.59	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

5 Appendix B.5 : Radiated Emissions, above 1GHz

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 1 in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ VERTICAL
Memo	: S25092202-005		

Data: 1



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1635.00	54.36	25.03	52.95	4.25	30.69	70.00	39.31	Peak	VERTICAL
2	2585.00	53.91	27.43	53.04	5.29	33.59	70.00	36.41	Peak	VERTICAL
3	3385.00	58.50	28.61	53.23	5.97	39.85	74.00	34.15	Peak	VERTICAL
4	4015.00	55.94	29.93	53.59	6.53	38.81	74.00	35.19	Peak	VERTICAL
5	4640.00	54.23	31.40	53.34	6.83	39.12	74.00	34.88	Peak	VERTICAL
6	5250.00	54.14	33.00	53.53	7.18	40.79	74.00	33.21	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

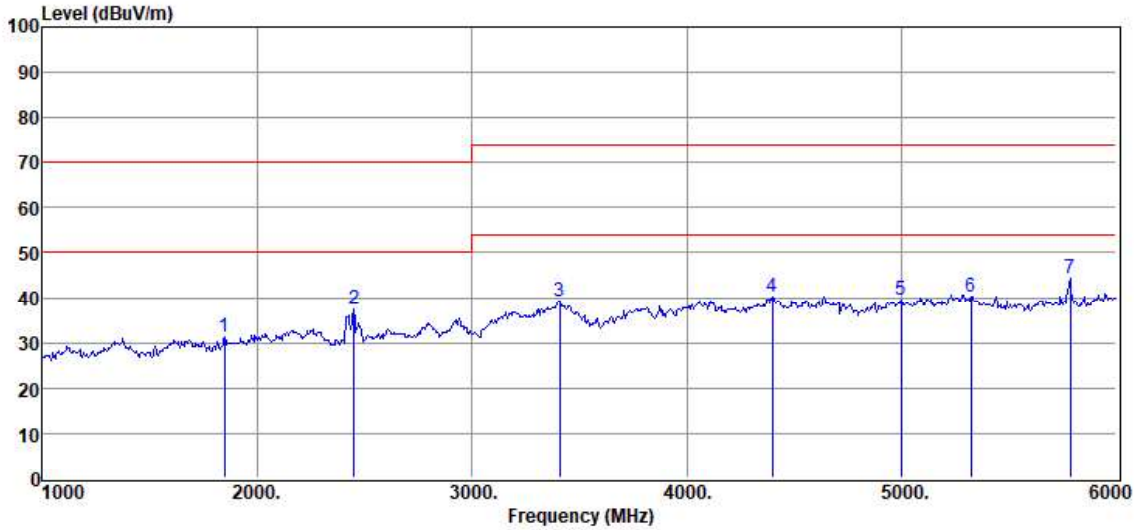
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : LINE 1 in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ HORIZONTAL

Memo : S25092202-005

Data: 2



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1850.00	54.59	25.30	53.04	4.58	31.43	70.00	38.57	Peak	HORIZONTAL
2	2450.00	57.52	27.80	53.06	5.18	37.44	70.00	32.56	Peak	HORIZONTAL
3	3410.00	58.06	28.48	53.25	5.99	39.28	74.00	34.72	Peak	HORIZONTAL
4	4400.00	56.24	30.80	53.44	6.71	40.31	74.00	33.69	Peak	HORIZONTAL
5	5000.00	53.96	31.80	53.20	7.00	39.56	74.00	34.44	Peak	HORIZONTAL
6	5325.00	54.20	32.40	53.62	7.23	40.21	74.00	33.79	Peak	HORIZONTAL
7	5785.00	58.09	32.97	54.22	7.55	44.39	74.00	29.61	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

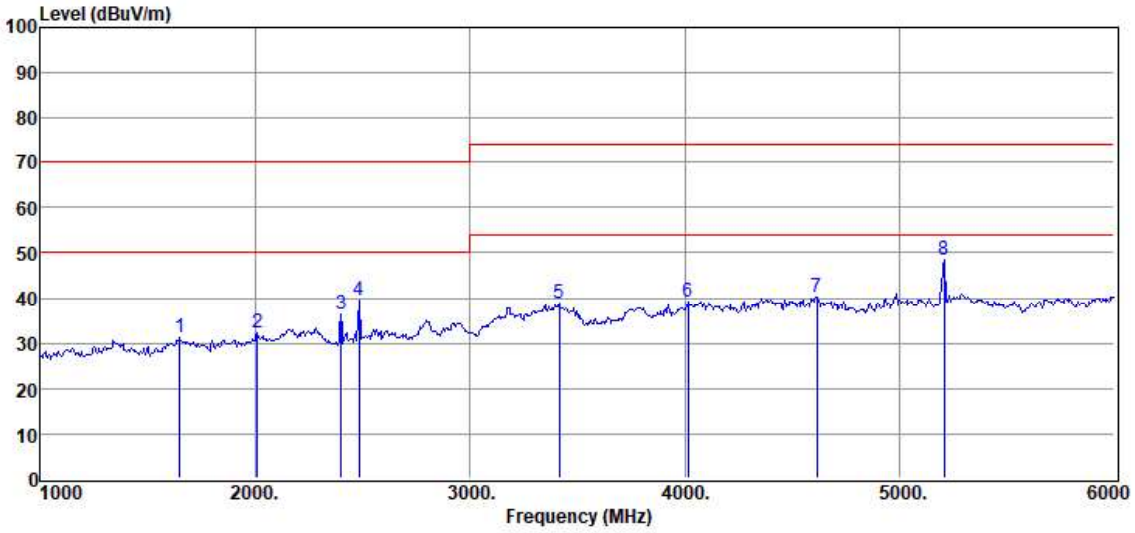
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 240V/50Hz **Test Mode** : LINE 1 in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ HORIZONTAL

Memo : S25092202-005

Data: 3



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1650.00	54.90	25.00	52.96	4.27	31.21	70.00	38.79	Peak	HORIZONTAL
2	2010.00	54.41	26.26	53.10	4.82	32.39	70.00	37.61	Peak	HORIZONTAL
3	2400.00	56.74	27.60	53.06	5.14	36.42	70.00	33.58	Peak	HORIZONTAL
4	2485.00	59.90	27.38	53.05	5.21	39.44	70.00	30.56	Peak	HORIZONTAL
5	3415.00	57.41	28.52	53.25	6.00	38.68	74.00	35.32	Peak	HORIZONTAL
6	4015.00	56.20	29.93	53.59	6.53	39.07	74.00	34.93	Peak	HORIZONTAL
7	4615.00	55.66	31.15	53.35	6.82	40.28	74.00	33.72	Peak	HORIZONTAL
8	5210.00	62.12	32.68	53.47	7.15	48.48	74.00	25.52	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

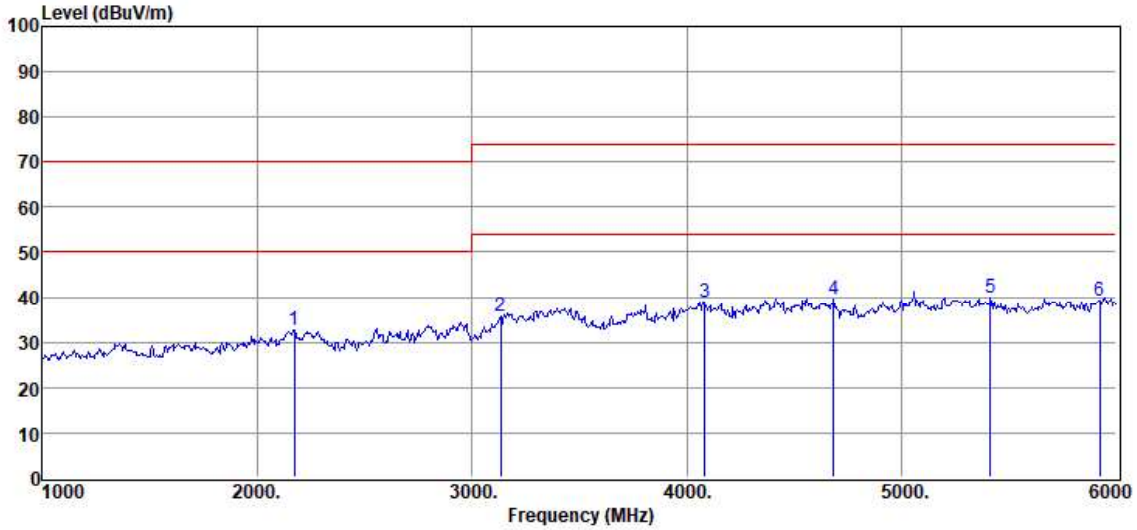
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 240V/50Hz **Test Mode** : LINE 1 in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 4

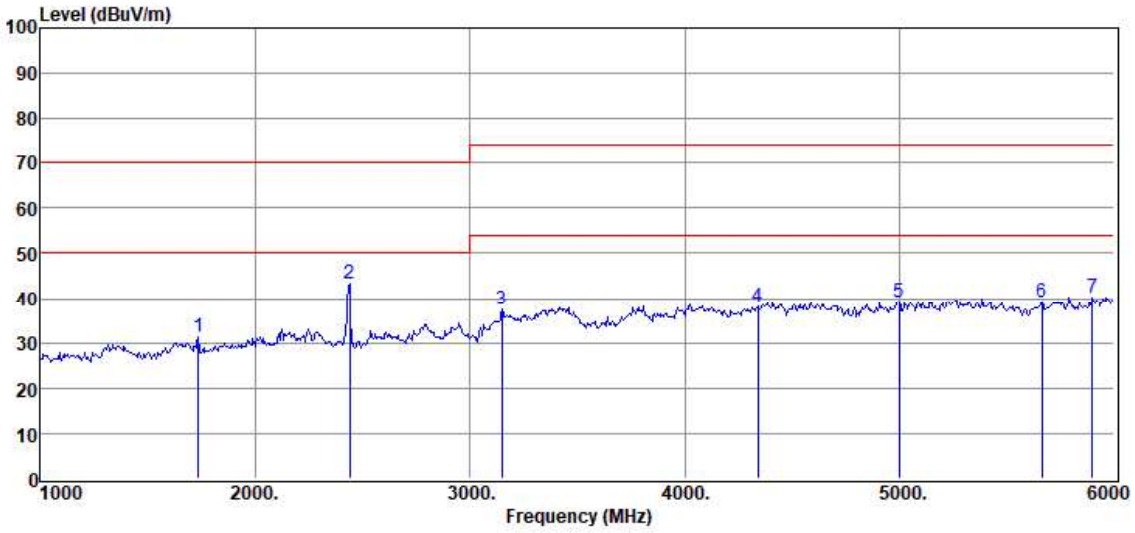


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	2175.00	53.53	27.20	53.08	4.95	32.60	70.00	37.40	Peak	VERTICAL
2	3135.00	54.60	28.50	53.08	5.75	35.77	74.00	38.23	Peak	VERTICAL
3	4085.00	55.87	30.14	53.57	6.56	39.00	74.00	35.00	Peak	VERTICAL
4	4685.00	54.80	31.08	53.33	6.85	39.40	74.00	34.60	Peak	VERTICAL
5	5415.00	53.54	32.91	53.74	7.29	40.00	74.00	34.00	Peak	VERTICAL
6	5925.00	52.93	33.05	54.40	7.65	39.23	74.00	34.77	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 240V/50Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ VERTICAL
Memo	: S25092202-005		

Data: 5



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1735.00	54.49	25.32	52.99	4.40	31.22	70.00	38.78	Peak	VERTICAL
2	2440.00	63.45	27.76	53.06	5.17	43.32	70.00	26.68	Peak	VERTICAL
3	3150.00	56.16	28.50	53.09	5.76	37.33	74.00	36.67	Peak	VERTICAL
4	4340.00	54.70	30.36	53.46	6.68	38.28	74.00	35.72	Peak	VERTICAL
5	5000.00	53.69	31.80	53.20	7.00	39.29	74.00	34.71	Peak	VERTICAL
6	5665.00	52.91	32.85	54.06	7.47	39.17	74.00	34.83	Peak	VERTICAL
7	5900.00	53.74	33.30	54.37	7.63	40.30	74.00	33.70	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

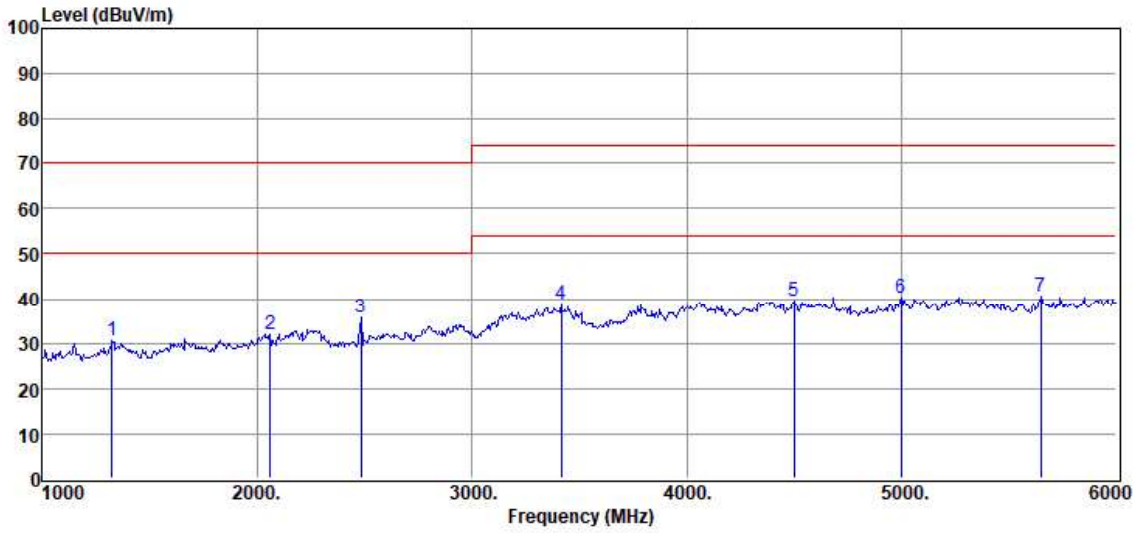
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 240V/50Hz **Test Mode** : LINE 2 in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ HORIZONTAL

Memo : S25092202-005

Data: 6

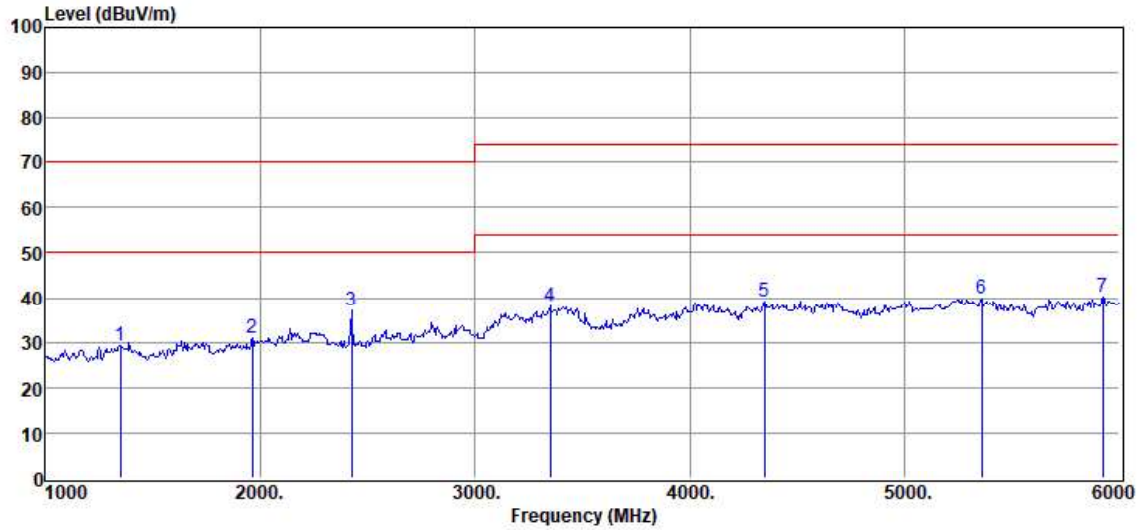


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1325.00	54.03	25.50	52.83	3.77	30.47	70.00	39.53	Peak	HORIZONTAL
2	2060.00	53.68	26.64	53.09	4.86	32.09	70.00	37.91	Peak	HORIZONTAL
3	2485.00	56.35	27.38	53.05	5.21	35.89	70.00	34.11	Peak	HORIZONTAL
4	3415.00	57.65	28.52	53.25	6.00	38.92	74.00	35.08	Peak	HORIZONTAL
5	4500.00	55.19	30.90	53.40	6.76	39.45	74.00	34.55	Peak	HORIZONTAL
6	5000.00	54.52	31.80	53.20	7.00	40.12	74.00	33.88	Peak	HORIZONTAL
7	5650.00	54.06	33.00	54.05	7.45	40.46	74.00	33.54	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 120V/60Hz	**Test Mode**	: LINE 2 in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ HORIZONTAL
Memo	: S25092202-005		

Data: 7



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1350.00	52.55	25.70	52.84	3.81	29.22	70.00	40.78	Peak	HORIZONTAL
2	1965.00	53.60	25.71	53.09	4.76	30.98	70.00	39.02	Peak	HORIZONTAL
3	2425.00	57.45	27.70	53.06	5.16	37.25	70.00	32.75	Peak	HORIZONTAL
4	3350.00	56.37	29.10	53.21	5.94	38.20	74.00	35.80	Peak	HORIZONTAL
5	4350.00	55.48	30.40	53.46	6.69	39.11	74.00	34.89	Peak	HORIZONTAL
6	5360.00	53.95	32.36	53.67	7.25	39.89	74.00	34.11	Peak	HORIZONTAL
7	5925.00	53.88	33.05	54.40	7.65	40.18	74.00	33.82	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

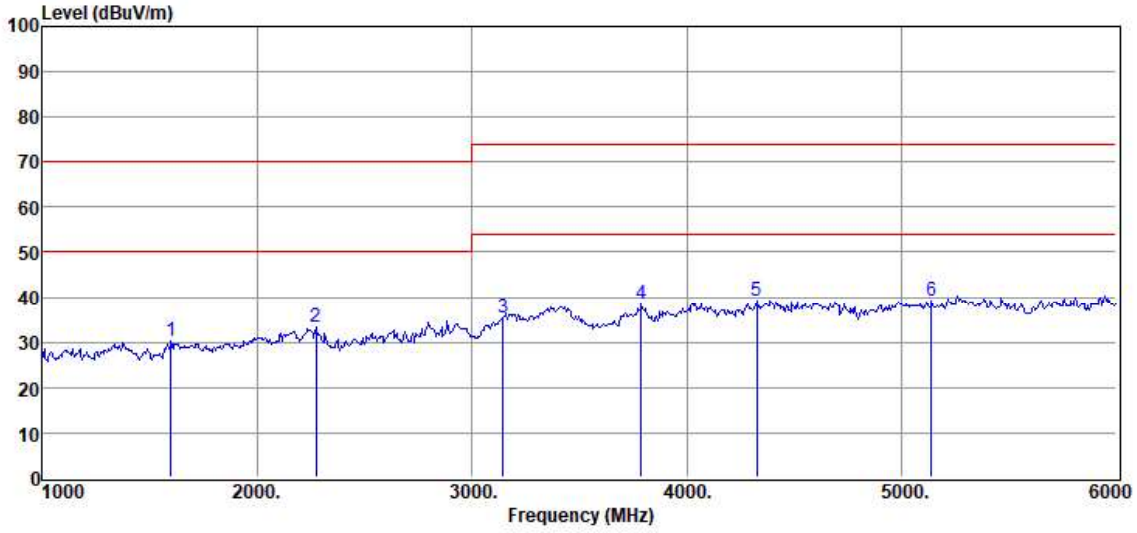
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : LINE 2 in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1600.00	53.73	25.10	52.94	4.19	30.08	70.00	39.92	Peak	VERTICAL
2	2275.00	54.62	26.90	53.07	5.04	33.49	70.00	36.51	Peak	VERTICAL
3	3145.00	54.25	28.50	53.09	5.76	35.42	74.00	38.58	Peak	VERTICAL
4	3790.00	55.61	29.98	53.47	6.33	38.45	74.00	35.55	Peak	VERTICAL
5	4325.00	55.53	30.30	53.47	6.68	39.04	74.00	34.96	Peak	VERTICAL
6	5140.00	53.54	32.04	53.38	7.10	39.30	74.00	34.70	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

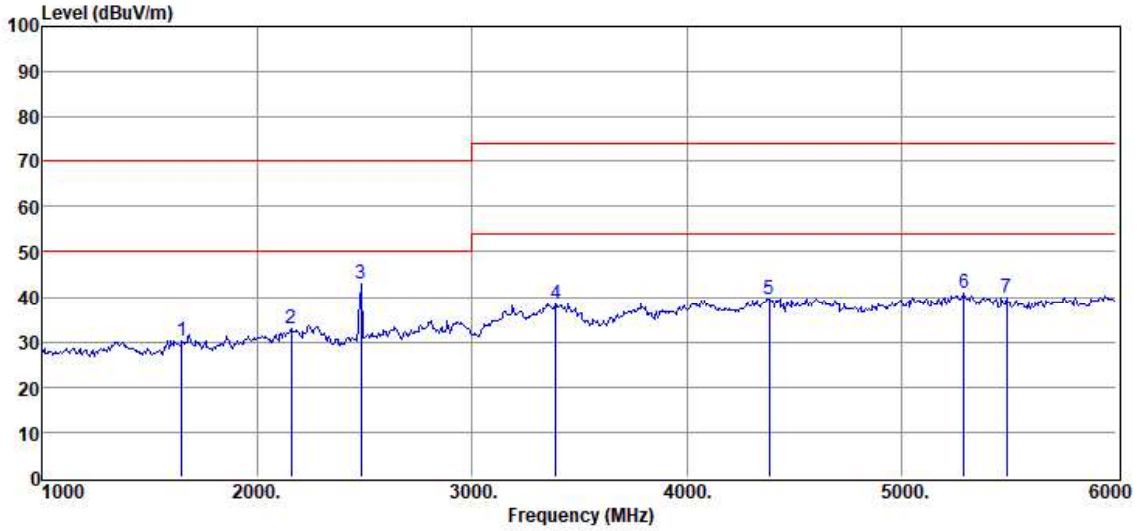
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : OPT in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 9

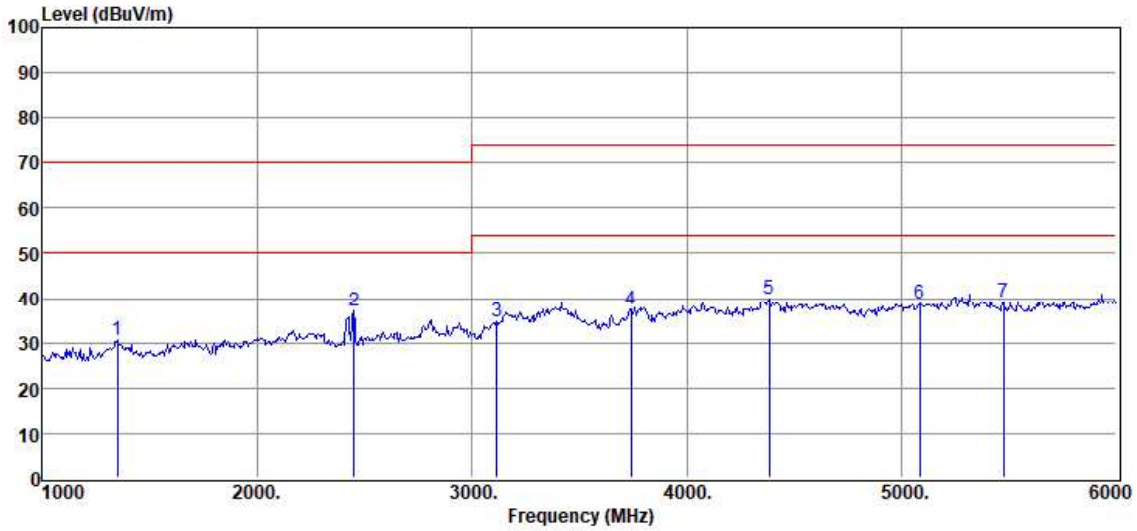


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1650.00	53.86	25.00	52.96	4.27	30.17	70.00	39.83	Peak	VERTICAL
2	2160.00	53.79	27.20	53.08	4.94	32.85	70.00	37.15	Peak	VERTICAL
3	2485.00	63.36	27.38	53.05	5.21	42.90	70.00	27.10	Peak	VERTICAL
4	3390.00	57.21	28.54	53.23	5.98	38.50	74.00	35.50	Peak	VERTICAL
5	4385.00	55.58	30.68	53.45	6.70	39.51	74.00	34.49	Peak	VERTICAL
6	5290.00	54.60	32.68	53.58	7.20	40.90	74.00	33.10	Peak	VERTICAL
7	5490.00	53.61	32.86	53.84	7.34	39.97	74.00	34.03	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 120V/60Hz	**Test Mode**	: OPT in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ HORIZONTAL
Memo	: S25092202-005		

Data: 10

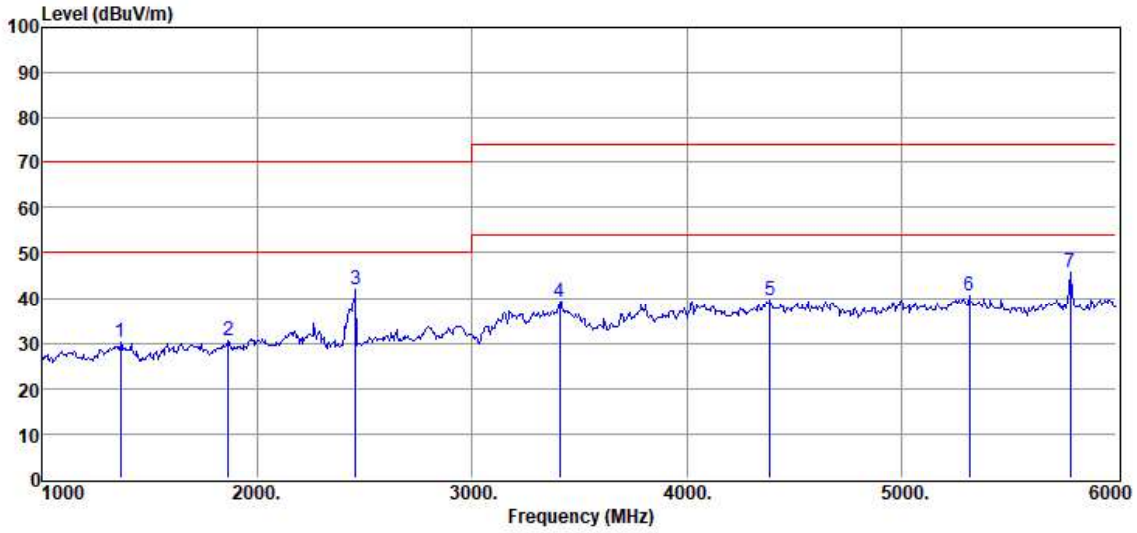


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1350.00	53.80	25.70	52.84	3.81	30.47	70.00	39.53	Peak	HORIZONTAL
2	2450.00	57.14	27.80	53.06	5.18	37.06	70.00	32.94	Peak	HORIZONTAL
3	3115.00	53.62	28.50	53.07	5.73	34.78	74.00	39.22	Peak	HORIZONTAL
4	3740.00	55.10	29.46	53.44	6.29	37.41	74.00	36.59	Peak	HORIZONTAL
5	4385.00	55.76	30.68	53.45	6.70	39.69	74.00	34.31	Peak	HORIZONTAL
6	5085.00	53.04	32.14	53.31	7.06	38.93	74.00	35.07	Peak	HORIZONTAL
7	5475.00	52.98	32.80	53.82	7.33	39.29	74.00	34.71	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 240V/50Hz	**Test Mode**	: OPT in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ HORIZONTAL
Memo	: S25092202-005		

Data: 11

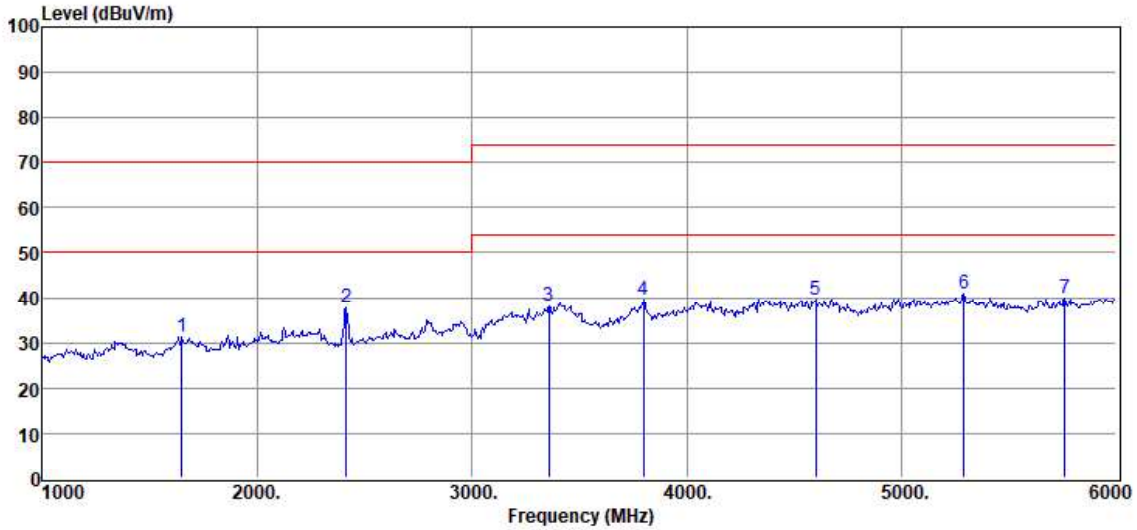


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1365.00	53.83	25.55	52.85	3.83	30.36	70.00	39.64	Peak	HORIZONTAL
2	1865.00	53.71	25.30	53.05	4.60	30.56	70.00	39.44	Peak	HORIZONTAL
3	2460.00	62.05	27.68	53.05	5.19	41.87	70.00	28.13	Peak	HORIZONTAL
4	3410.00	58.06	28.48	53.25	5.99	39.28	74.00	34.72	Peak	HORIZONTAL
5	4390.00	55.64	30.72	53.44	6.71	39.63	74.00	34.37	Peak	HORIZONTAL
6	5315.00	54.34	32.48	53.61	7.22	40.43	74.00	33.57	Peak	HORIZONTAL
7	5785.00	59.48	32.97	54.22	7.55	45.78	74.00	28.22	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 240V/50Hz	**Test Mode**	: OPT in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ VERTICAL
Memo	: S25092202-005		

Data: 12



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1650.00	54.97	25.00	52.96	4.27	31.28	70.00	38.72	Peak	VERTICAL
2	2415.00	58.14	27.66	53.06	5.15	37.89	70.00	32.11	Peak	VERTICAL
3	3360.00	56.29	28.96	53.22	5.95	37.98	74.00	36.02	Peak	VERTICAL
4	3800.00	56.46	30.10	53.48	6.34	39.42	74.00	34.58	Peak	VERTICAL
5	4600.00	55.09	31.00	53.36	6.81	39.54	74.00	34.46	Peak	VERTICAL
6	5290.00	54.46	32.68	53.58	7.20	40.76	74.00	33.24	Peak	VERTICAL
7	5760.00	53.61	32.92	54.19	7.53	39.87	74.00	34.13	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

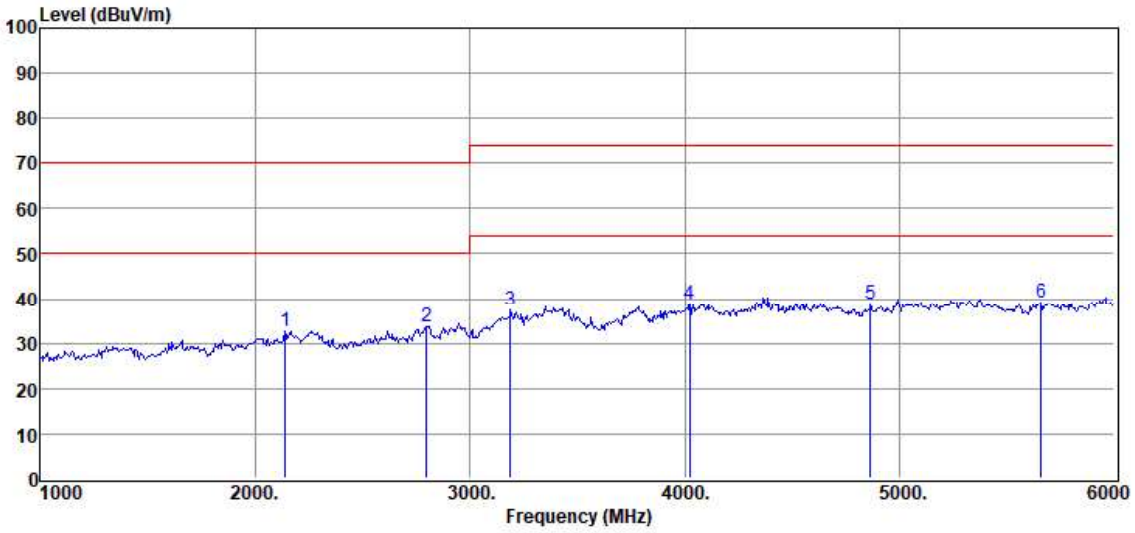
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 240V/50Hz **Test Mode** : COAX in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 13



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	2140.00	53.63	27.20	53.09	4.92	32.66	70.00	37.34	Peak	VERTICAL
2	2800.00	53.09	28.30	53.02	5.47	33.84	70.00	36.16	Peak	VERTICAL
3	3190.00	56.11	28.66	53.11	5.80	37.46	74.00	36.54	Peak	VERTICAL
4	4025.00	55.77	29.95	53.59	6.53	38.66	74.00	35.34	Peak	VERTICAL
5	4865.00	53.69	31.37	53.25	6.94	38.75	74.00	35.25	Peak	VERTICAL
6	5660.00	52.95	32.90	54.06	7.46	39.25	74.00	34.75	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

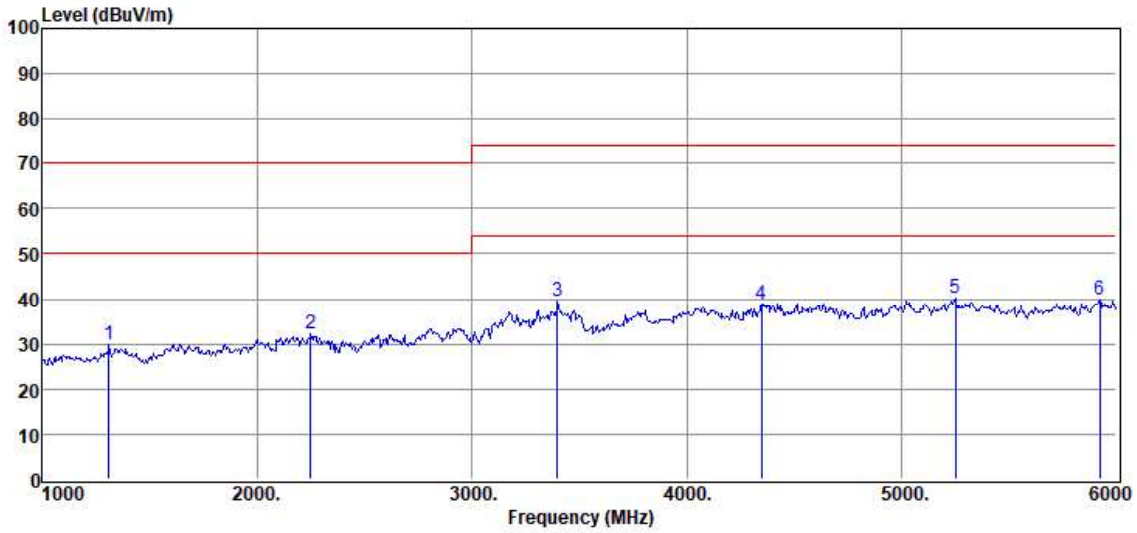
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 240V/50Hz **Test Mode** : COAX in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ HORIZONTAL

Memo : S25092202-005

Data: 14

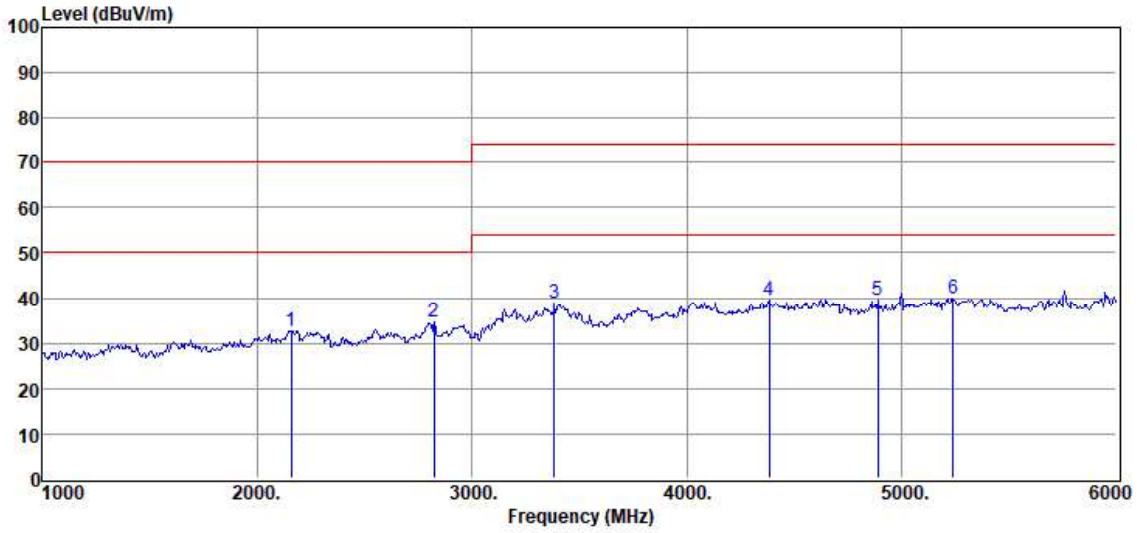


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1310.00	53.66	25.38	52.82	3.75	29.97	70.00	40.03	Peak	HORIZONTAL
2	2250.00	53.35	26.90	53.07	5.01	32.19	70.00	37.81	Peak	HORIZONTAL
3	3400.00	58.30	28.40	53.24	5.99	39.45	74.00	34.55	Peak	HORIZONTAL
4	4350.00	55.36	30.40	53.46	6.69	38.99	74.00	35.01	Peak	HORIZONTAL
5	5250.00	53.62	33.00	53.53	7.18	40.27	74.00	33.73	Peak	HORIZONTAL
6	5925.00	53.57	33.05	54.40	7.65	39.87	74.00	34.13	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 120V/60Hz	**Test Mode**	: COAX in mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ HORIZONTAL
Memo	: S25092202-005		

Data: 15



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	2160.00	53.67	27.20	53.08	4.94	32.73	70.00	37.27	Peak	HORIZONTAL
2	2825.00	54.11	28.20	53.02	5.49	34.78	70.00	35.22	Peak	HORIZONTAL
3	3385.00	57.34	28.61	53.23	5.97	38.69	74.00	35.31	Peak	HORIZONTAL
4	4385.00	55.58	30.68	53.45	6.70	39.51	74.00	34.49	Peak	HORIZONTAL
5	4890.00	54.66	31.32	53.24	6.95	39.69	74.00	34.31	Peak	HORIZONTAL
6	5240.00	53.42	32.92	53.51	7.17	40.00	74.00	34.00	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

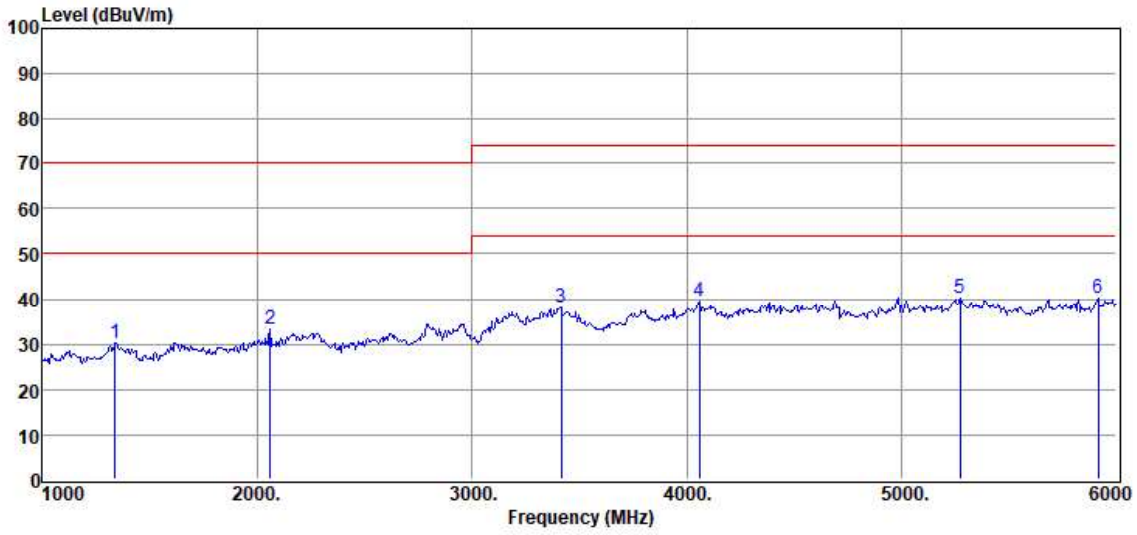
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : COAX in mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 16



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1340.00	53.64	25.62	52.84	3.79	30.21	70.00	39.79	Peak	VERTICAL
2	2060.00	54.77	26.64	53.09	4.86	33.18	70.00	36.82	Peak	VERTICAL
3	3415.00	56.77	28.52	53.25	6.00	38.04	74.00	35.96	Peak	VERTICAL
4	4060.00	56.34	30.04	53.58	6.55	39.35	74.00	34.65	Peak	VERTICAL
5	5275.00	53.71	32.80	53.56	7.19	40.14	74.00	33.86	Peak	VERTICAL
6	5915.00	53.76	33.15	54.39	7.64	40.16	74.00	33.84	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

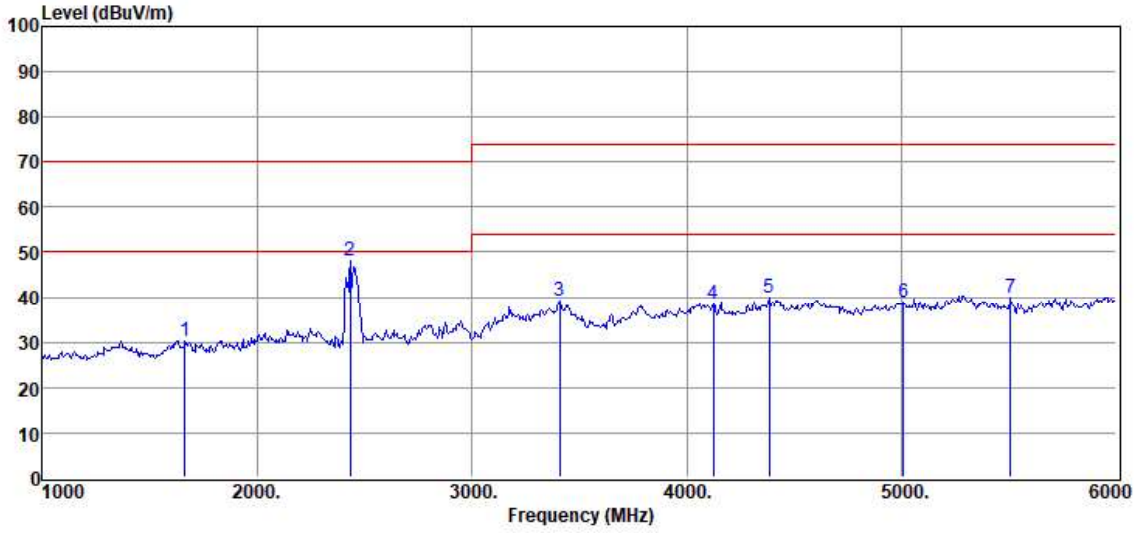
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : Bluetooth mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ VERTICAL

Memo : S25092202-005

Data: 17



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1665.00	53.91	25.18	52.97	4.29	30.41	70.00	39.59	Peak	VERTICAL
2	2435.00	68.15	27.74	53.06	5.17	48.00	Carrier Frequency			VERTICAL
3	3410.00	58.06	28.48	53.25	5.99	39.28	74.00	34.72	Peak	VERTICAL
4	4125.00	55.29	30.25	53.55	6.58	38.57	74.00	35.43	Peak	VERTICAL
5	4385.00	55.89	30.68	53.45	6.70	39.82	74.00	34.18	Peak	VERTICAL
6	5010.00	53.06	31.84	53.21	7.01	38.70	74.00	35.30	Peak	VERTICAL
7	5510.00	53.53	32.90	53.86	7.36	39.93	74.00	34.07	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site : DDT 3m Chamber 1#

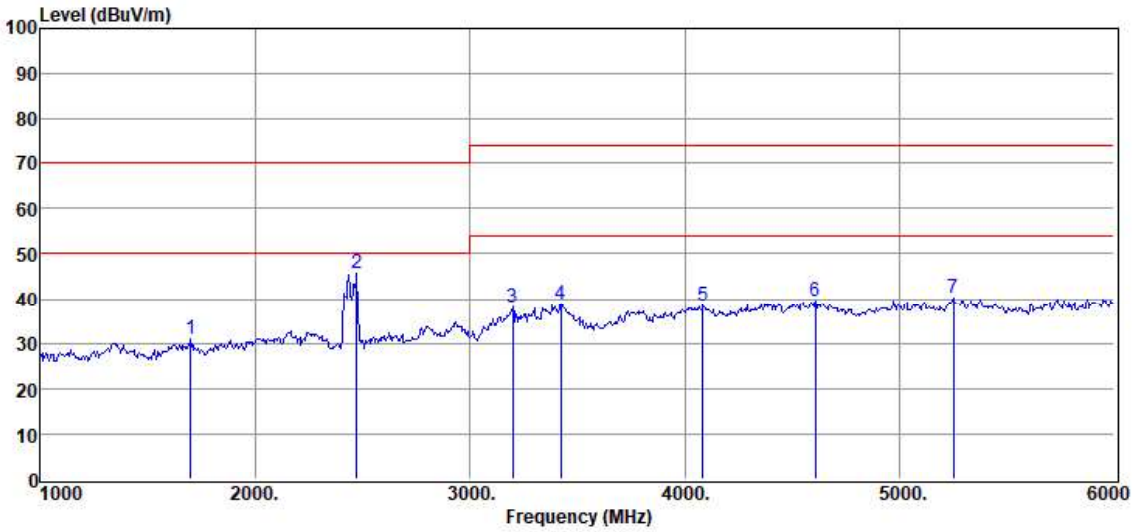
Test Date : 2025-11-15 **Tested By** : Li guilin

Power Supply : AC 120V/60Hz **Test Mode** : Bluetooth mode

Condition : Temp:23.9°C,Humi:64.6% **Antenna/Distance** : 2025 9120D 1#/3m/ HORIZONTAL

Memo : S25092202-005

Data: 18

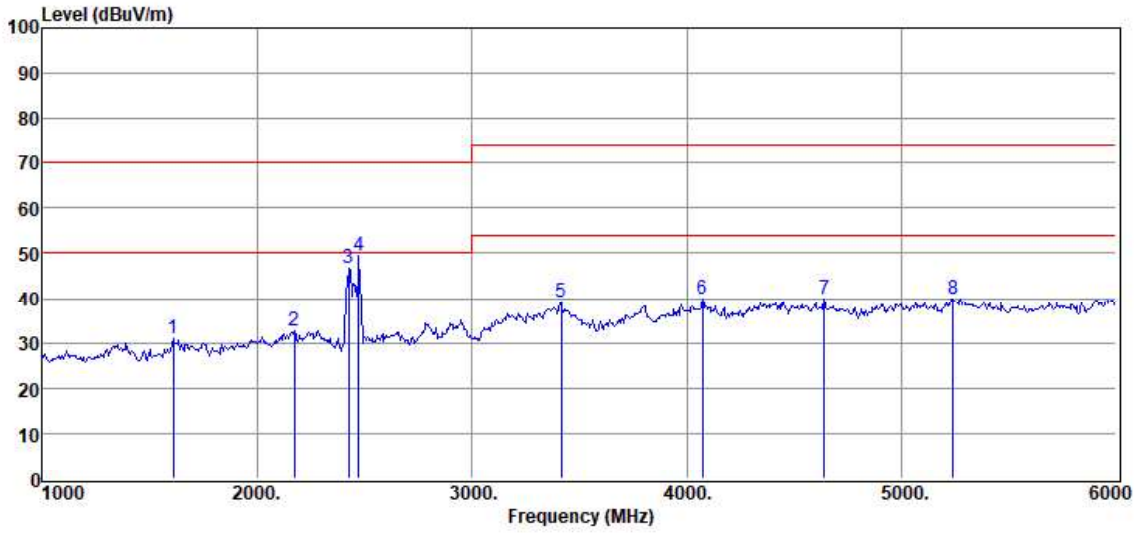


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1700.00	53.89	25.60	52.98	4.35	30.86	70.00	39.14	Peak	HORIZONTAL
2	2475.00	66.20	27.50	53.05	5.20	45.85	Carrier Frequency			HORIZONTAL
3	3200.00	56.72	28.70	53.12	5.81	38.11	74.00	35.89	Peak	HORIZONTAL
4	3425.00	57.54	28.60	53.26	6.01	38.89	74.00	35.11	Peak	HORIZONTAL
5	4085.00	55.21	30.14	53.57	6.56	38.34	74.00	35.66	Peak	HORIZONTAL
6	4610.00	54.97	31.10	53.36	6.81	39.52	74.00	34.48	Peak	HORIZONTAL
7	5250.00	53.60	33.00	53.53	7.18	40.25	74.00	33.75	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 240V/50Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ HORIZONTAL
Memo	: S25092202-005		

Data: 19

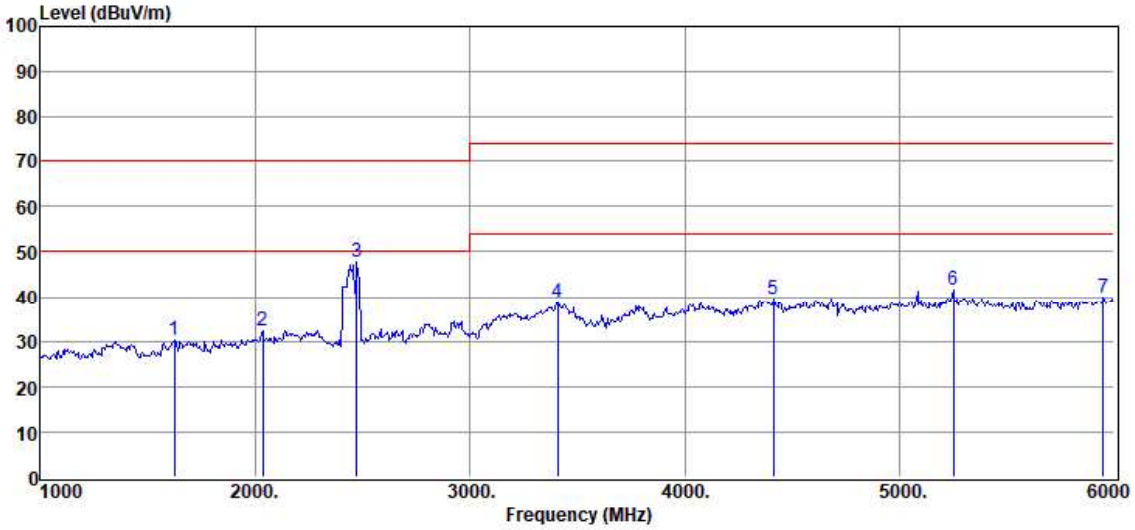


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1610.00	54.45	25.08	52.94	4.21	30.80	70.00	39.20	Peak	HORIZONTAL
2	2175.00	53.52	27.20	53.08	4.95	32.59	70.00	37.41	Peak	HORIZONTAL
3	2425.00	66.82	27.70	53.06	5.16	46.62	Carrier Frequency			HORIZONTAL
4	2475.00	69.95	27.50	53.05	5.20	49.60				HORIZONTAL
5	3415.00	58.07	28.52	53.25	6.00	39.34	74.00	34.66	Peak	HORIZONTAL
6	4075.00	56.64	30.10	53.57	6.56	39.73	74.00	34.27	Peak	HORIZONTAL
7	4640.00	54.99	31.40	53.34	6.83	39.88	74.00	34.12	Peak	HORIZONTAL
8	5240.00	53.40	32.92	53.51	7.17	39.98	74.00	34.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.

Test Site	: DDT 3m Chamber 1#		
Test Date	: 2025-11-15	**Tested By**	: Li guilin
Power Supply	: AC 240V/50Hz	**Test Mode**	: Bluetooth mode
Condition	: Temp:23.9°C,Humi:64.6%	**Antenna/Distance**	: 2025 9120D 1#/3m/ VERTICAL
Memo	: S25092202-005		

Data: 20



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detector	Polarization
1	1625.00	54.05	25.05	52.95	4.23	30.38	70.00	39.62	Peak	VERTICAL
2	2035.00	54.25	26.41	53.10	4.84	32.40	70.00	37.60	Peak	VERTICAL
3	2475.00	68.13	27.50	53.05	5.20	47.78	Carrier Frequency			VERTICAL
4	3410.00	57.72	28.48	53.25	5.99	38.94	74.00	35.06	Peak	VERTICAL
5	4415.00	55.44	30.83	53.43	6.72	39.56	74.00	34.44	Peak	VERTICAL
6	5250.00	54.81	33.00	53.53	7.18	41.46	74.00	32.54	Peak	VERTICAL
7	5950.00	53.96	32.80	54.44	7.66	39.98	74.00	34.02	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. According to standard requirements, the radio carrier and harmonic frequencies of the samples are not included in the test results.