Prüfbericht-Nr.: *Test report no.:*	**CN25YRWJ 002**	**Auftrags-Nr.:** *Order no.:*	27219413	Seite 1 von 21 *Page 1 of 21*
Kunden-Referenz-Nr.: *Client reference no.:*	N/A	**Auftragsdatum:** *Order date:*	2025-11-04	
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.:*	EDF100121, S355DB (Trademark: EDIFIER)			
Auftrags-Inhalt: *Order content:*	Type test			
Prüfgrundlage: *Test specification:*	EN 300 440 V2.1.1 (2017-03) ETSI EN 300 440 V2.1.1 (2017-03)			
Wareneingangsdatum: *Date of sample receipt:*	2025-11-25			
Prüfmuster-Nr.: *Test sample no.:*	Q25111416-005, S25111416-006			
Prüfzeitraum: *Testing period:*	2025-12-05 - 2026-01-06			
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:* 2026-02-06		**Ausstellungsdatum:** *Issue date:* 2026-02-06	
Stellung / Position	Project Manager	**Stellung** / Position	Authorizer

Sonstiges / *Other:*

This report is for Article 3.2 Radio Spectrum of 5.8 GHz.

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 a. m. 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	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. *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.*
2	As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. *Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.*
3	Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report. *Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.*
4	The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the “Zero Guard Band Rule” and “Simple Acceptance” in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019. *Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.*

Test Summary

5.1.1 EQUIVALENT ISOTROPIC RADIATED POWER
RESULT: Pass

5.1.2 PERMITTED RANGE OF OPERATING FREQUENCIES
RESULT: Pass

5.1.3 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN
RESULT: Pass

5.2.1 RECEIVER SPURIOUS EMISSIONS
RESULT: Pass

5.2.2 ADJACENT CHANNEL SELECTIVITY
RESULT: Pass

5.2.3 BLOCKING OR DESENSITIZATION
RESULT: Pass

Contents

1 GENERAL REMARKS 5
1.1 COMPLEMENTARY MATERIALS 5
2 TEST SITES 5
2.1 TEST FACILITIES 5
2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS 6
2.3 UNCERTAINTY OF MEASUREMENT 7
3 GENERAL PRODUCT INFORMATION 8
3.1 PRODUCT FUNCTION AND INTENDED USE 8
3.2 RATINGS AND SYSTEM DETAILS 8
3.3 INDEPENDENT OPERATION MODES 9
3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS 9
3.5 SUBMITTED DOCUMENTS 9
4 TEST SET-UP AND OPERATION MODES 10
4.1 PRINCIPLE OF CONFIGURATION SELECTION 10
4.2 TEST OPERATION AND TEST SOFTWARE 10
4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT 10
4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE 10
5 TEST RESULTS ERM 11
5.1 TRANSMITTER REQUIREMENT & TEST SUITES 11
5.1.1 Equivalent isotropic radiated power 11
5.1.2 Permitted range of operating frequencies 12
5.1.3 Transmitter unwanted emissions in the spurious domain 13
5.2 RECEIVER REQUIREMENT & TEST SUITES 14
5.2.1 Receiver spurious emissions 14
5.2.2 Adjacent channel selectivity 15
5.2.3 Blocking or desensitization 16
6 PHOTOGRAPHS OF THE TEST SET-UP 17
7 LIST OF TABLES 21
8 LIST OF PHOTOGRAPHS 21

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 Article 3.2 Radio Spectrum of 5.8GHz, active speaker

Appendix B: Test Results of Article 3.2 Radio Spectrum of 5.8GHz, subwoofer

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

Equipment	Manufacturer	Model No.	Serial Number	Due Date	Cal. Interval
☒ RF Connected Test (RF Measurement System 1#)					
SIGNAL ANALYZER	R&S	FSQ26	101272	2026/03/28	1 Year
Wideband Radio Communication Tester	R&S	CMW500	120259	2026/03/28	1 Year
MXG Vector Signal Generator	KEYSIGHT	N5182B	MY59100192	2026/03/28	1 Year
MXG Vector Signal Generator	Agilent	N5182A	MY19060405	2026/03/28	1 Year
RF Control Unit	Tonsend	JS0806-2	158060010	2026/03/28	1 Year
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28	1 Year
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A	N/A

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To	Cal. Interval
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28	1 Year
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2027/04/01	1 Year
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28	1 Year
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/	1 Year
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28	2 Year
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28	1 Year
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28	1 Year
Hochgewinn-Hornantenne	SCHWARZBECK	BBHA 9120 D	DDT-ZC02129	2026/09/17	1 Year
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28	/
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/	1 Year
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/03/28	2 Year
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28	1 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/10	/
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/24	1 Year
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2026/03/28	1 Year
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/09/10	1 Year
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28	1 Year
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28	1 Year

2.3 Uncertainty of Measurement

Table 2: Measurement Uncertainty

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	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-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.	

3 General Product Information

3.1 Product Function and Intended Use

The EUT is an Active Speaker with an IR remote controller, this product is used for audio entertainment in house or similar environment.
This product has two components: active satellite speaker (Passive & Active) and active subwoofer, the Active satellite speaker connected to Subwoofer via 5.8GHz wireless; the Active satellite speaker supports Bluetooth Dual mode and 5.8GHz wireless technologies, the Subwoofer supports 5.8GHz wireless technology.
Two models are identical except the model number different for different market purpose.
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	EDF100121, S355DB
Trade Mark	EDIFIER
Extreme Temperature Range	0°C - +35°C
Operating Voltage	AC 100-240V, 50/60Hz, 600mA for active satellite speaker AC 100-240V, 50/60Hz, 1A for active subwoofer
Technical Specification of Bluetooth (BDR & EDR)	
Operating Frequency Channel	2402 – 2480 MHz
Channel Number	79 channels
Channel separation	1MHz
Modulation	GFSK, π/4DQPSK
Antenna Type	PCB Layout antenna
Antenna Gain	2.59 dBi (Provide by the Client)
Technical Specification of Bluetooth (Bluetooth Low Energy)	
Operating Frequency Channel	2402 – 2480 MHz for data rate 1Mbps 2404 – 2478 MHz for data rate 2Mbps
Data rate	1Mbps, 2Mbps
Channel Number	40 channels for data rate 1Mbps 38 channels for data rate 2Mbps
Channel separation	2MHz
Modulation	GFSK
Antenna Type	PCB Layout antenna
Antenna Gain	2.59 dBi (Provide by the Client)
Technical Specification of 5.8GHz	
Operating Frequency band	5729MHz – 5845MHz
Channel Number	59 channels
Modulation	FSK
Antenna Type	Integral antenna
Number of Antenna	2 (one for TX and another one for RX)
Antenna Gain	1.57 dBi (Provide by the Client)

Table 4: RF Channel and Frequency of 5.8GHz

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	5729.00	15	5759.00	30	5789.00	45	5819.00
1	5731.00	16	5761.00	31	5791.00	46	5821.00
2	5733.00	17	5763.00	32	5793.00	47	5823.00
3	5735.00	18	5765.00	33	5795.00	48	5825.00
4	5737.00	19	5767.00	34	5797.00	49	5827.00
5	5739.00	20	5769.00	35	5799.00	50	5829.00
6	5741.00	21	5771.00	36	5801.00	51	5831.00
7	5743.00	22	5773.00	37	5803.00	52	5833.00
8	5745.00	23	5775.00	38	5805.00	53	5835.00
9	5747.00	24	5777.00	39	5807.00	54	5837.00
10	5749.00	25	5779.00	40	5809.00	55	5839.00
11	5751.00	26	5781.00	41	5811.00	56	5841.00
12	5753.00	27	5783.00	42	5813.00	57	5843.00
13	5755.00	28	5785.00	43	5815.00	**58**	**5845.00**
14	5757.00	**29**	**5787.00**	44	5817.00		

3.3 Independent Operation Modes

The basic operation modes are:

A. 5.8GHz wireless mode
    1. Transmitting
        a) Low Channel
        b) Middle Channel
        c) High Channel
    2. Receiving
        a) Low Channel
        b) Middle Channel
        c) High Channel

B. On, Bluetooth and 5.8GHz co-located transmitting

C. Off

3.4 Noise Generating and Noise Suppressing Parts

For details refer to the Circuit Diagram.

3.5 Submitted Documents

- Block Diagram
- Model Difference Letter
- User Manual
- Schematics
- Rating Label

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.

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 multimedia speaker with model EDF100121

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Notebook	Lenovo	ThinkPad X2502	2014AP6082

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 Equivalent isotropic radiated power

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.2.2.1 of EN 300 440
Limit	:	Clause 4.2.2.4 Table 2 of EN 300 440
Test suites	:	Clause 4.2.2.3 of EN 300 440

Test Setup

Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal and extreme temperature
Operation mode	:	A.1
Ambient temperature	:	24.3 ℃
Relative humidity	:	44.2 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B.

5.1.2 Permitted range of operating frequencies

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.2.3.1 of EN 300 440
Limit	:	Clause 4.2.3.5 of EN 300 440
Test suites	:	Clause 4.2.3.3 of EN 300 440

Test Setup

Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal and extreme test condition
Operation mode	:	A.1
Ambient temperature	:	24.3 ℃
Relative humidity	:	44.2 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B.

5.1.3 Transmitter unwanted emissions in the spurious domain

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.2.4.1 of EN 300 440
Limit	:	Clause 4.2.4.4 Table 3 of EN 300 440
Test suites	:	Clause 4.2.4.3 of EN 300 440

Test Setup

Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal test condition
Operation mode	:	A.1, B
Ambient temperature	:	Refer to test data
Relative humidity	:	Refer to test data
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B. Only the worst case recorded.

5.2 Receiver Requirement & Test Suites

5.2.1 Receiver spurious emissions

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.4.2.1 of EN 300 440
Limit	:	Clause 4.4.2.3 Table 3 of EN 300 440
Test suites	:	Clause 4.4.2.4 of EN 300 440

Test Setup

Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.2
Ambient temperature	:	Refer to test data
Relative humidity	:	Refer to test data
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B.

5.2.2 Adjacent channel selectivity

RESULT: **Pass**

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.3.3.1 of EN 300 440
Limit	:	Clause 4.3.3.4 of EN 300 440
Test suites	:	Clause 4.3.3.3 of EN 300 440
Criterion	:	Declared by manufacturer according to Clause 4.3.2 of EN 300 440 V2.1.1

Test Setup

Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.2
Ambient temperature	:	24.3 ℃
Relative humidity	:	44.2 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B.

5.2.3 Blocking or desensitization

RESULT: **Pass**

Test Setup

Test Specification

Test standard	:	EN 300 440 V2.1.1 (2017-03)
Test requirement	:	Clause 4.3.4 of EN 300 440 V2.1.1
Limit	:	Clause 4.3.4.4 of EN 300 440 V2.1.1
Test suites	:	Clause 4.3.4.3 of EN 300 440 V2.1.1
Criterion	:	Declared by manufacturer according to Clause 4.3.2 of EN 300 440 V2.1.1

Test Setup

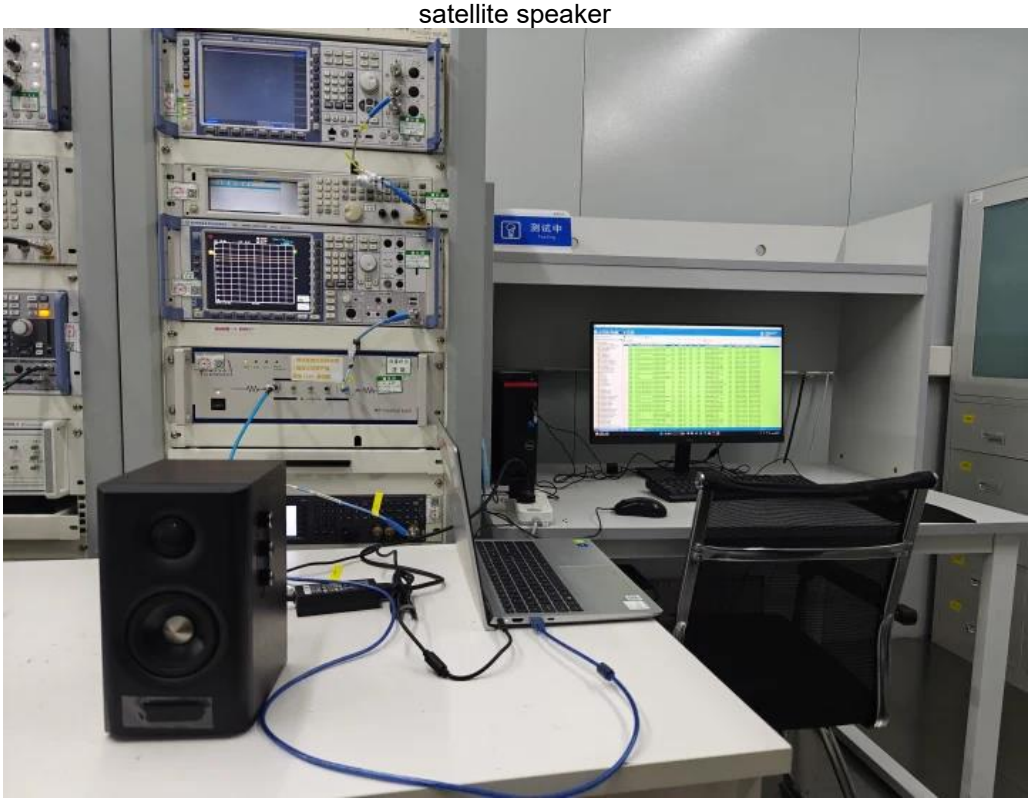
Date of testing	:	2025-12-05 to 2026-01-06
Test voltage	:	AC 230V, 50Hz
Test environment	:	Normal temperature
Operation mode	:	A.2
Ambient temperature	:	24.3 ℃
Relative humidity	:	44.2 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A & B.

6 Photographs of the Test Set-Up

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

satellite speaker



Subwoofer



P Photograph 2: Set-up for Radio Spectrum Testing, extreme temperature

satellite speaker

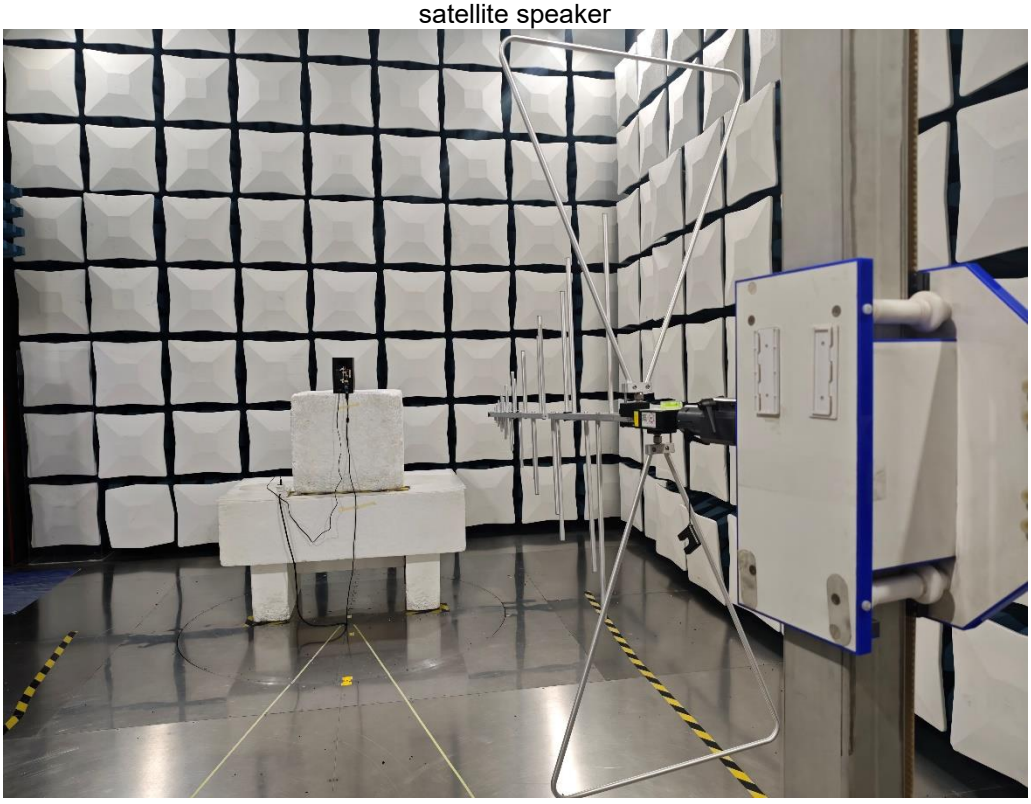


Subwoofer

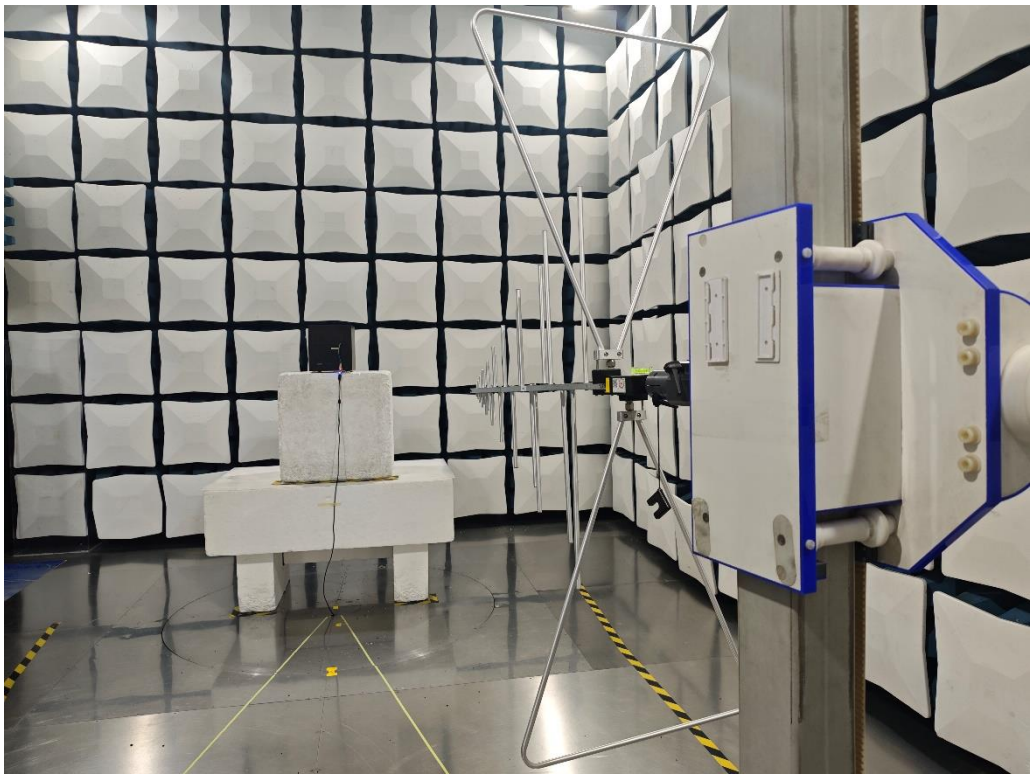


Photograph 3: Set-up for Transmitter & Receiver Spurious Emissions, below 1GHz

satellite speaker

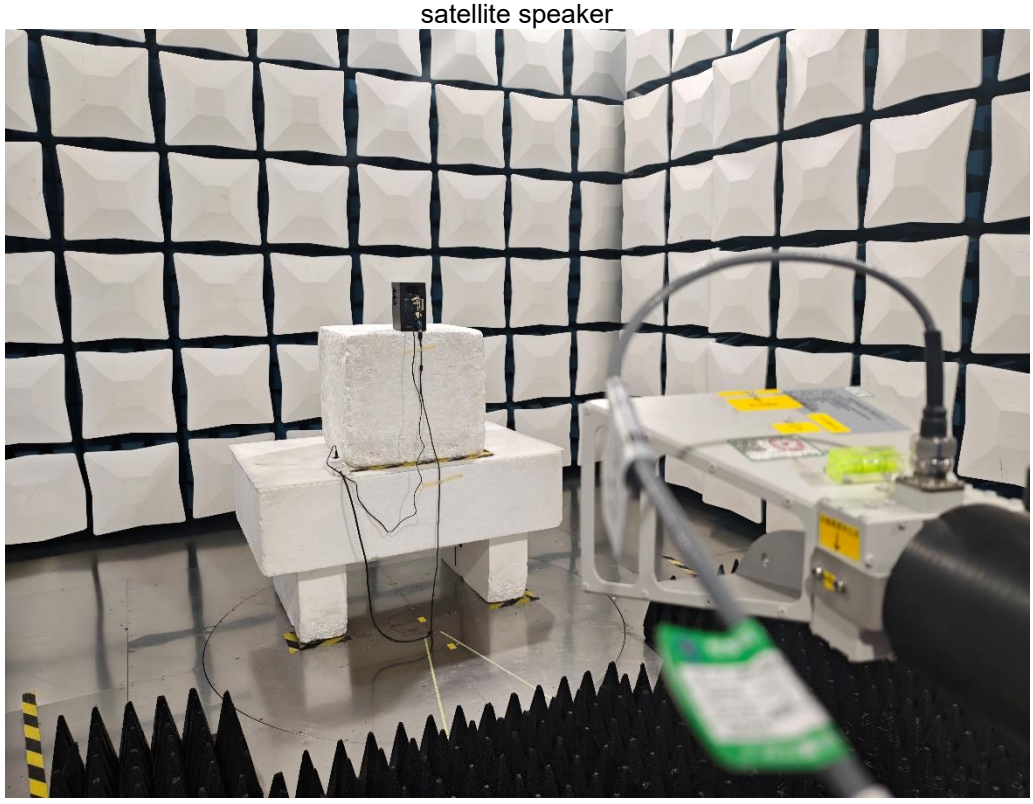


Subwoofer

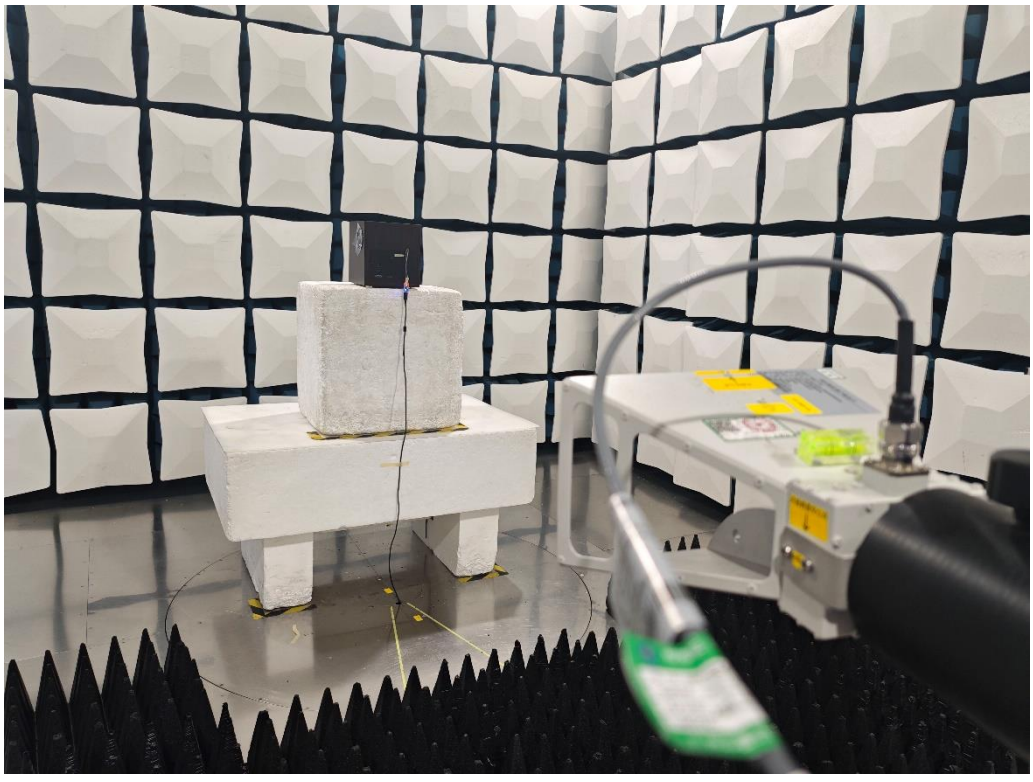


Photograph 4: Set-up for Transmitter & Receiver Spurious Emissions, Above 1GHz

satellite speaker



Subwoofer



7 List of Tables

Table 1: List of Test and Measurement Equipment 6
Table 2: Measurement Uncertainty 7
Table 3: Technical Specification of EUT 8
Table 4: RF Channel and Frequency of 5.8GHz 9
Table 5: List of Accessories and Auxiliary Equipment 10

8 List of Photographs

Photograph 1: Set-up for Radio Spectrum Testing, Normal Condition 17
P Photograph 2: Set-up for Radio Spectrum Testing, extreme temperature 18
Photograph 3: Set-up for Transmitter & Receiver Spurious Emissions, below 1GHz 19
Photograph 4: Set-up for Transmitter & Receiver Spurious Emissions, Above 1GHz 20

Appendix A

Test Results of Article 3.2 Radio Spectrum of 5.8GHz, active speaker.

1 APPENDIX A.1 : EQUIVALENT ISOTROPIC RADIATED POWER 2
2 APPENDIX A.2 : PERMITTED RANGE OF OPERATING FREQUENCIES 5
3 APPENDIX A.3 : TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN 8
4 APPENDIX A.4 : RECEIVER SPURIOUS EMISSIONS 20
5 APPENDIX A.5: ADJACENT CHANNEL SELECTIVITY 32
6 APPENDIX A.6: BLOCKING OR DESENSITIZATION 33

1 Appendix A.1 : Equivalent isotropic radiated 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.

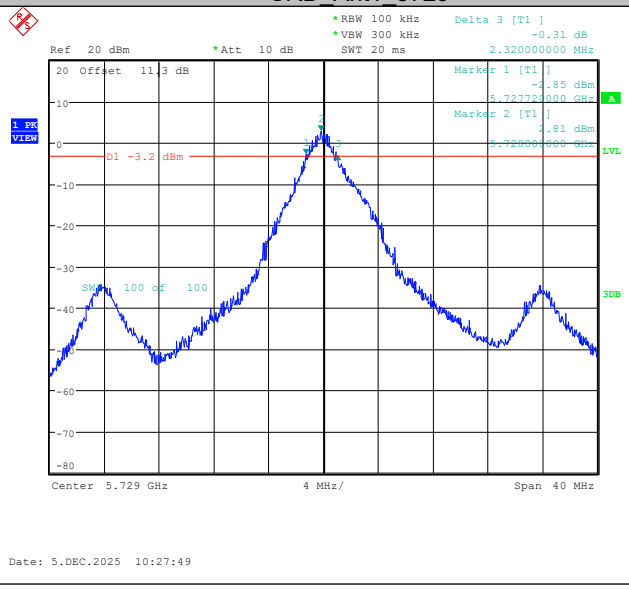
Test Condition	Test Mode	Antenna	Frequency [MHz]	TPC	A [dBm]	Duty Cycle [%]	DC Factor [dB]	Conducted power Result [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	SRD	Ant1	5729	NA	2.02	61.90	2.08	4.10	5.67	24	PASS
			5787	NA	0.91	65.00	1.87	2.78	4.35	24	PASS
			5845	NA	0.95	65.00	1.87	2.82	4.39	24	PASS
LTNV	SRD	Ant1	5729	NA	2.01	61.90	2.08	4.09	5.66	24	PASS
			5787	NA	0.92	61.90	2.08	3.00	4.57	24	PASS
			5845	NA	0.95	65.00	1.87	2.82	4.39	24	PASS
HTNV	SRD	Ant1	5729	NA	2.00	60.00	2.22	4.22	5.79	24	PASS
			5787	NA	0.92	65.00	1.87	2.79	4.36	24	PASS
			5845	NA	0.94	65.00	1.87	2.81	4.38	24	PASS

Note：The Duty Cycle Factor is compensated in the graph.

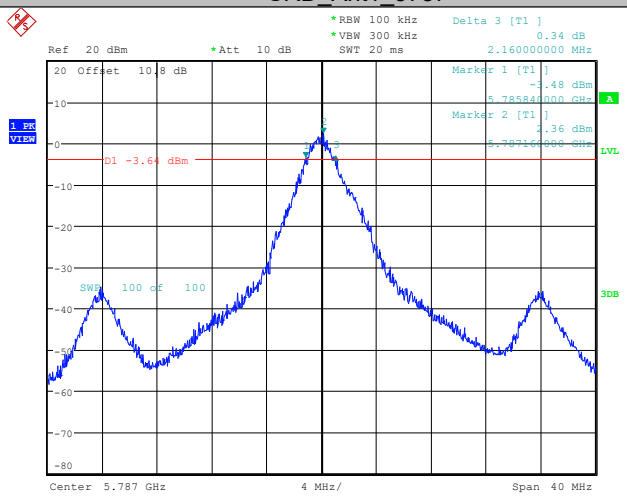
6dB bandwidth

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5729	2.32	5727.72	5730.04	0.5	PASS
		5787	2.16	5785.84	5788.00	0.5	PASS
		5845	2.16	5843.80	5845.96	0.5	PASS

SRD_Ant1_5729

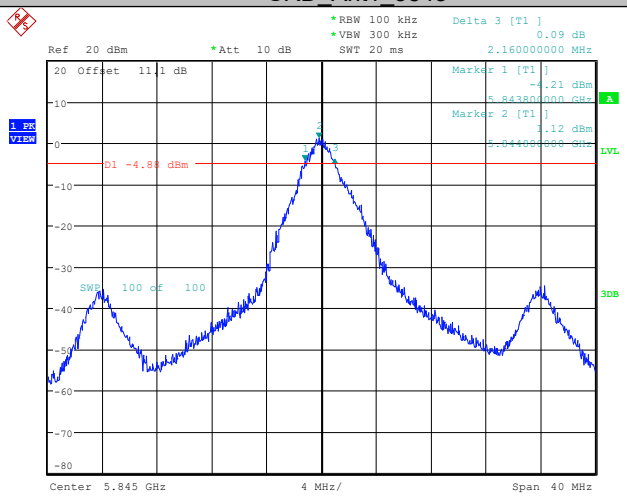


SRD_Ant1_5787



Date: 4.DEC.2025 09:53:07

SRD_Ant1_5845

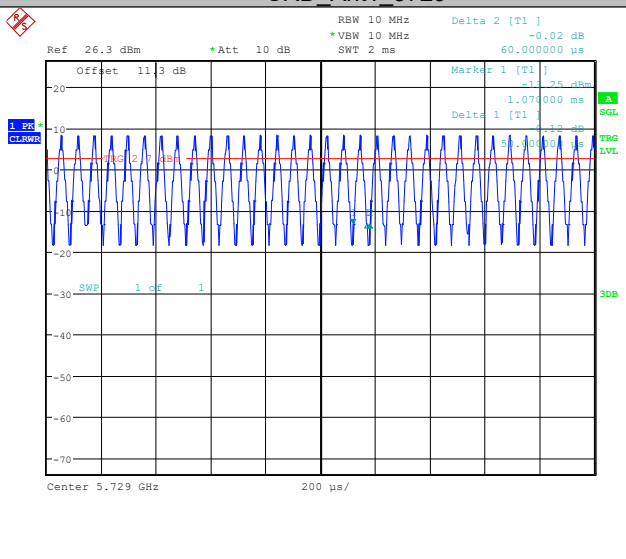


Date: 5.DEC.2025 10:32:25

Duty Cycle

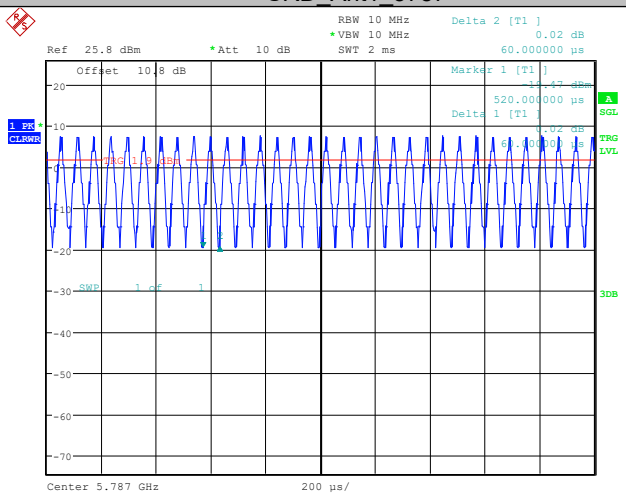
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
SRD	Ant1	5729	0.05	0.06	83.33
		5787	0.06	0.06	100.00
		5845	0.06	0.06	100.00

SRD_Ant1_5729



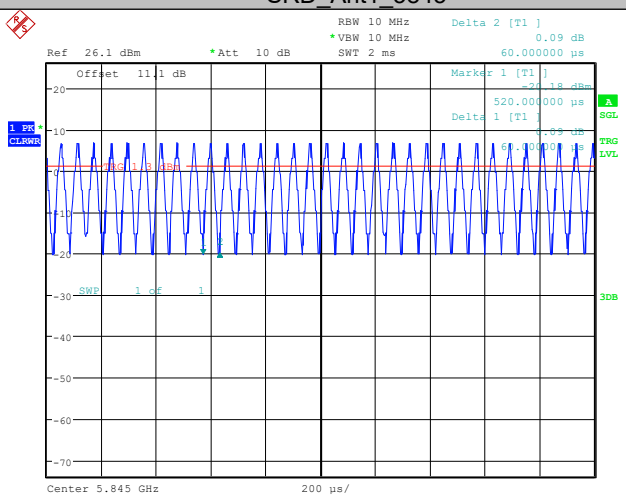
Date: 5.DEC.2025 10:28:17

SRD_Ant1_5787



Date: 4.DEC.2025 09:53:36

SRD_Ant1_5845



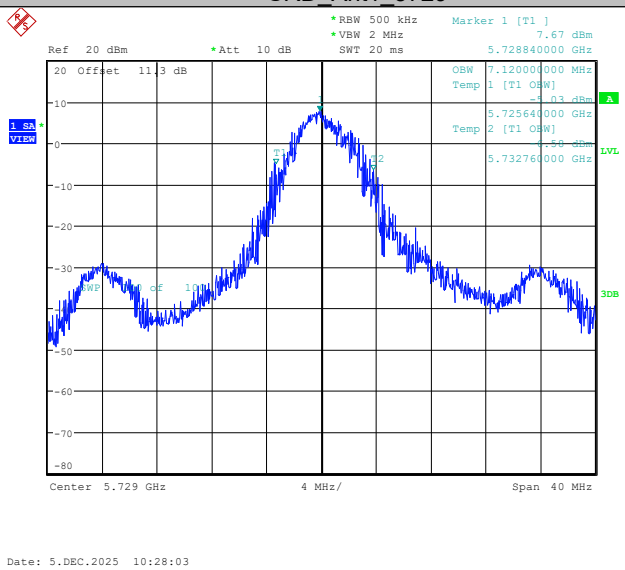
Date: 5.DEC.2025 10:32:54

2 Appendix A.2 : Permitted range of operating frequencies

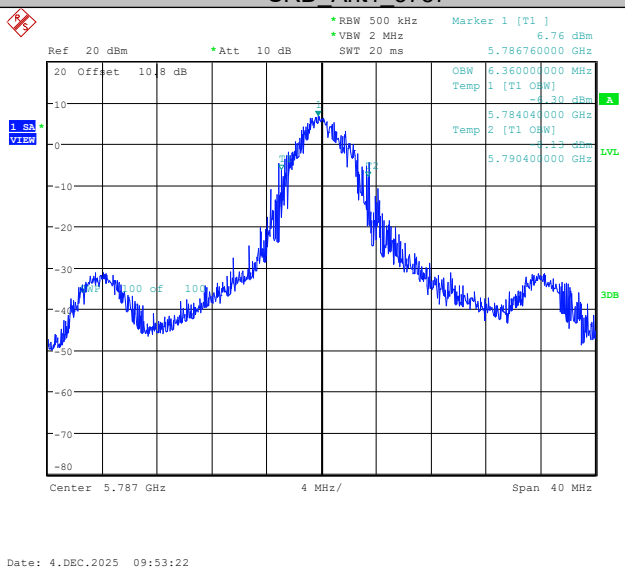
Occupied channel bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5729	7.1200	5725.6400	5732.7600	---	Pass
		5787	6.3600	5784.0400	5790.4000	---	Pass
		5845	6.3600	5842.0800	5848.4400	---	Pass

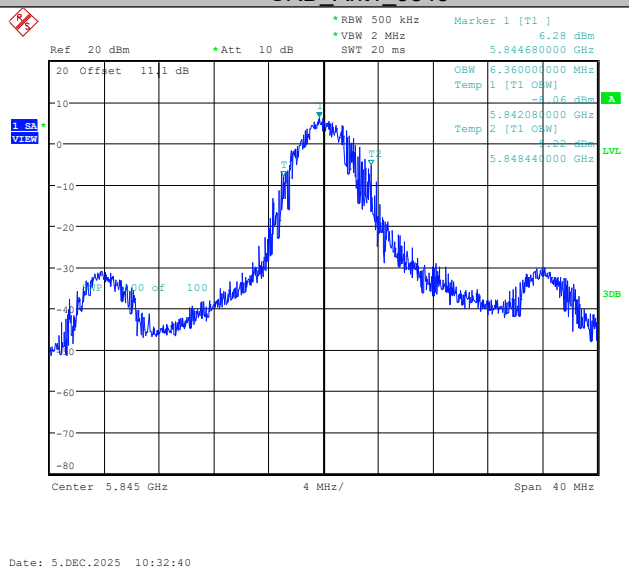
SRD_Ant1_5729



SRD_Ant1_5787

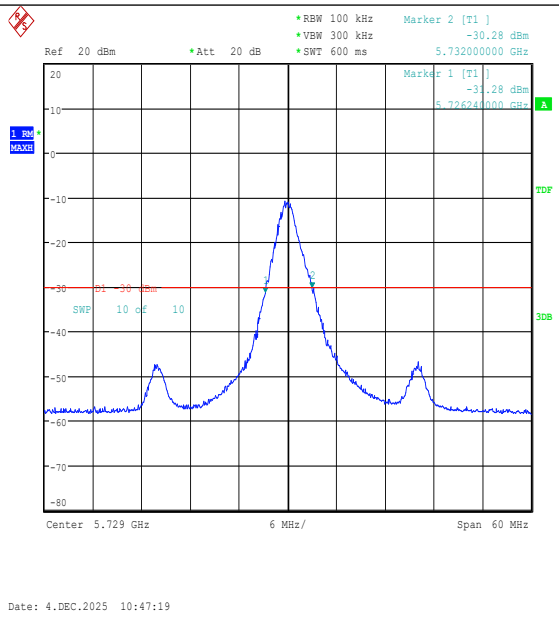


SRD_Ant1_5845

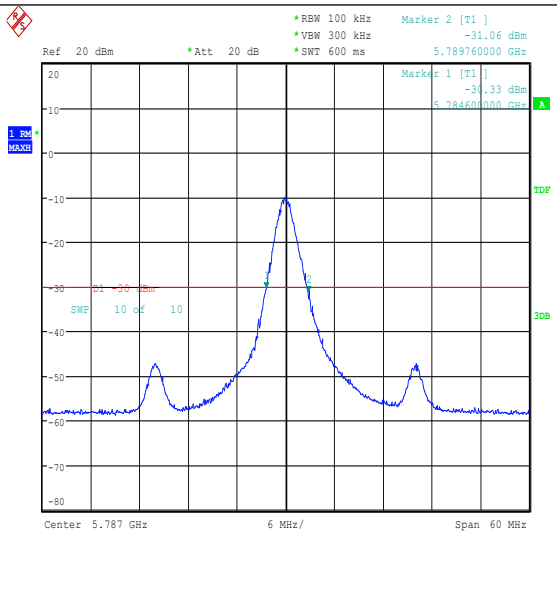


Operating frequencies

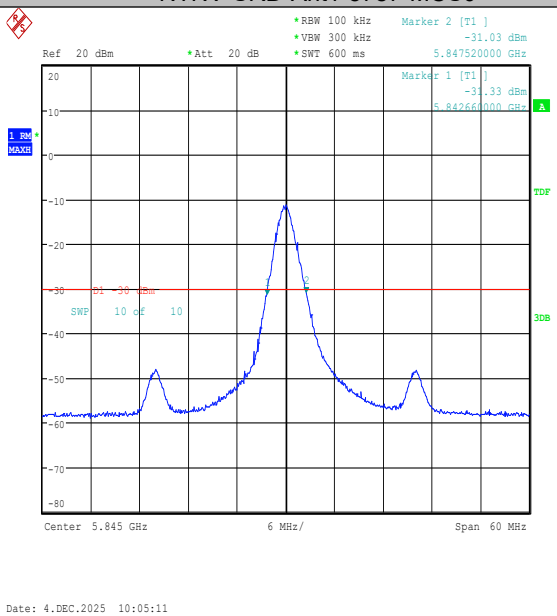
Sample Number	TestMode	Antenna	Rate	Frequency[MHz]	LowFrequency [GHz]	HighFrequency [GHz]	Limit[MHz]	Verdict
1	SRD	Ant1	MCS0	5729	5.726240	5.732000	---	Pass
1	SRD	Ant1	MCS0	5787	5.784600	5.789760	---	Pass
1	SRD	Ant1	MCS0	5845	5.842660	5.847520	---	Pass



NTNV-SRD-Ant1-5729-MCS0



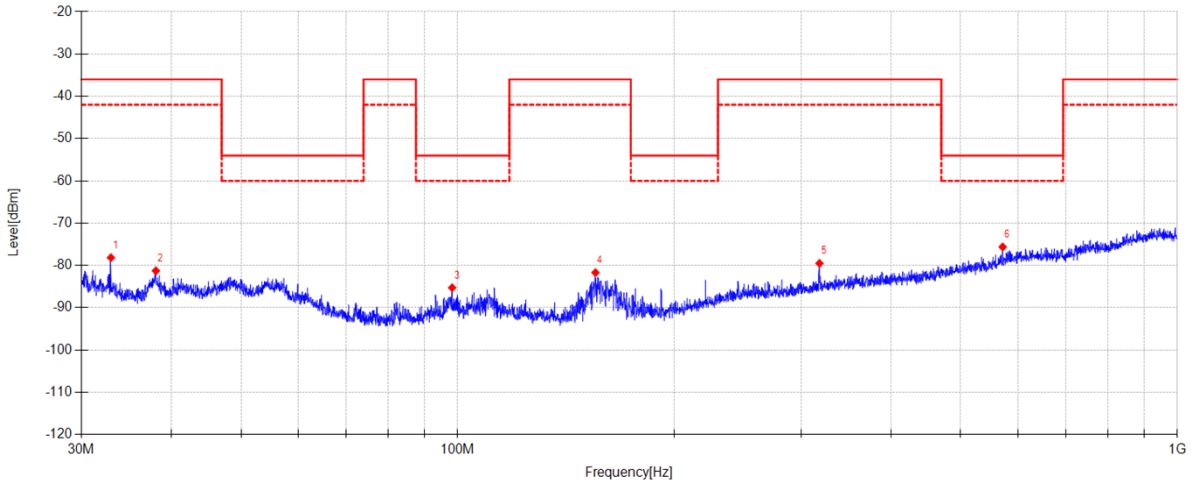
NTNV-SRD-Ant1-5787-MCS0



NTNV-SRD-Ant1-5845-MCS0

3 Appendix A.3 : Transmitter unwanted emissions in the spurious domain

Test Date:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\3		
Memo:	Sample Number:S25111416-006		

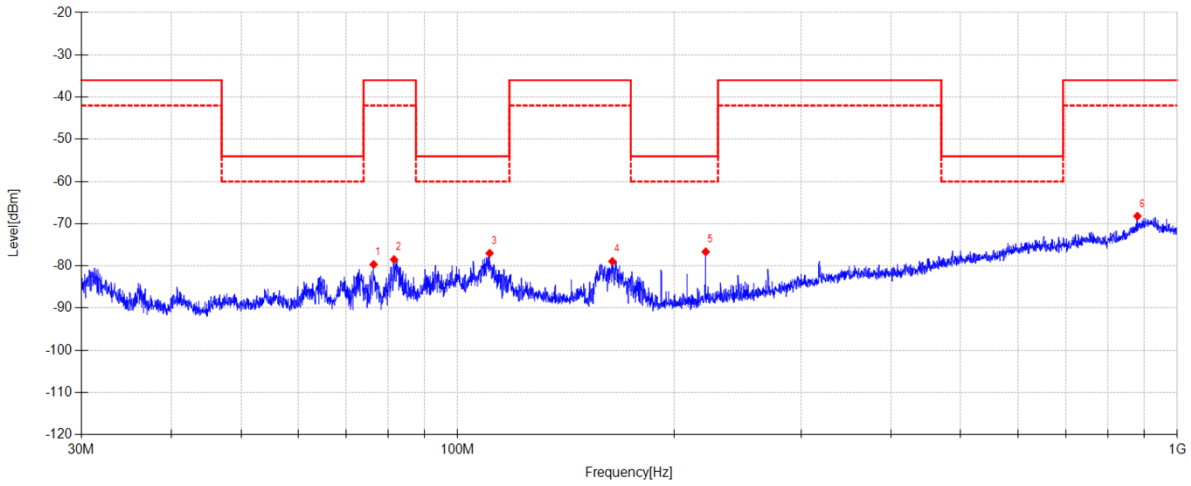


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.978	35.58	-113.73	-78.15	-36.00	42.15	PK	Horizontal	ERP
2	38.076	31.50	-112.76	-81.26	-36.00	45.26	PK	Horizontal	ERP
3	98.256	31.21	-116.48	-85.27	-54.00	31.27	PK	Horizontal	ERP
4	155.422	37.32	-119.02	-81.70	-36.00	45.70	PK	Horizontal	ERP
5	318.220	31.69	-111.19	-79.50	-36.00	43.50	PK	Horizontal	ERP
6	571.876	30.47	-106.10	-75.63	-54.00	21.63	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\4		
Memo:	Sample Number:S25111416-006		

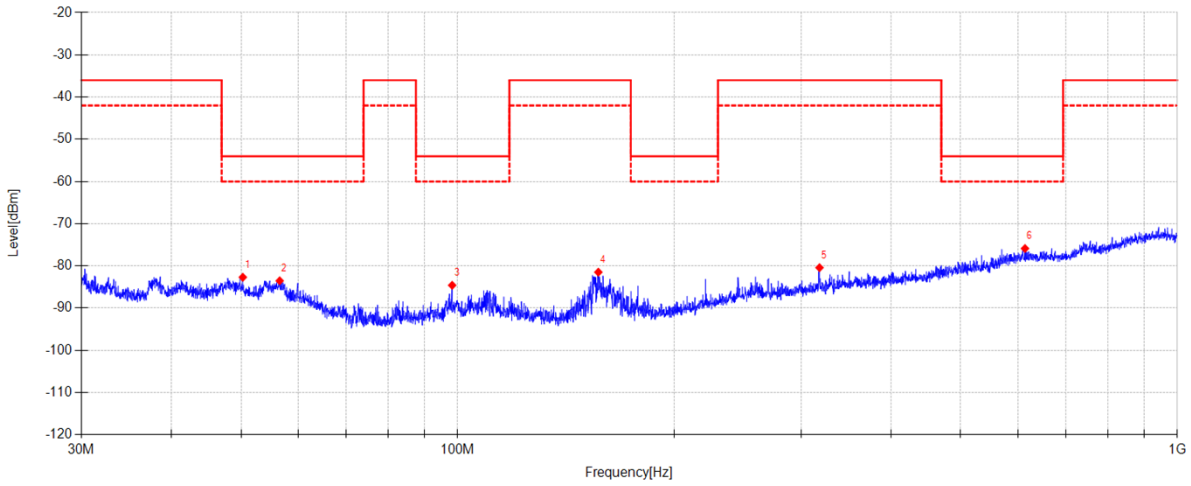


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	76.444	38.36	-118.01	-79.65	-36.00	43.65	PK	Vertical	ERP
2	81.595	38.38	-116.85	-78.47	-36.00	42.47	PK	Vertical	ERP
3	110.773	34.99	-111.98	-76.99	-54.00	22.99	PK	Vertical	ERP
4	164.044	35.78	-114.70	-78.92	-36.00	42.92	PK	Vertical	ERP
5	221.149	37.41	-114.06	-76.65	-54.00	22.65	PK	Vertical	ERP
6	880.194	29.57	-97.78	-68.21	-36.00	32.21	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\1		
Memo:	Sample Number:S25111416-006		

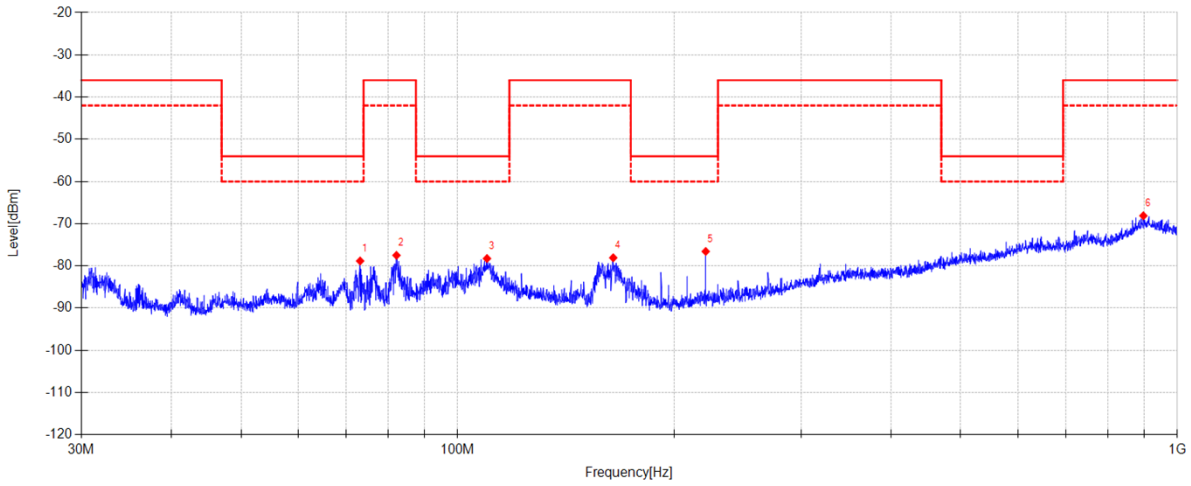


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	50.298	28.52	-111.20	-82.68	-54.00	28.68	PK	Horizontal	ERP
2	56.586	29.22	-112.74	-83.52	-54.00	29.52	PK	Horizontal	ERP
3	98.256	31.90	-116.48	-84.58	-54.00	30.58	PK	Horizontal	ERP
4	156.845	37.46	-118.93	-81.47	-36.00	45.47	PK	Horizontal	ERP
5	318.220	30.78	-111.19	-80.41	-36.00	44.41	PK	Horizontal	ERP
6	614.274	28.92	-104.79	-75.87	-54.00	21.87	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\2		
Memo:	Sample Number:S25111416-006		

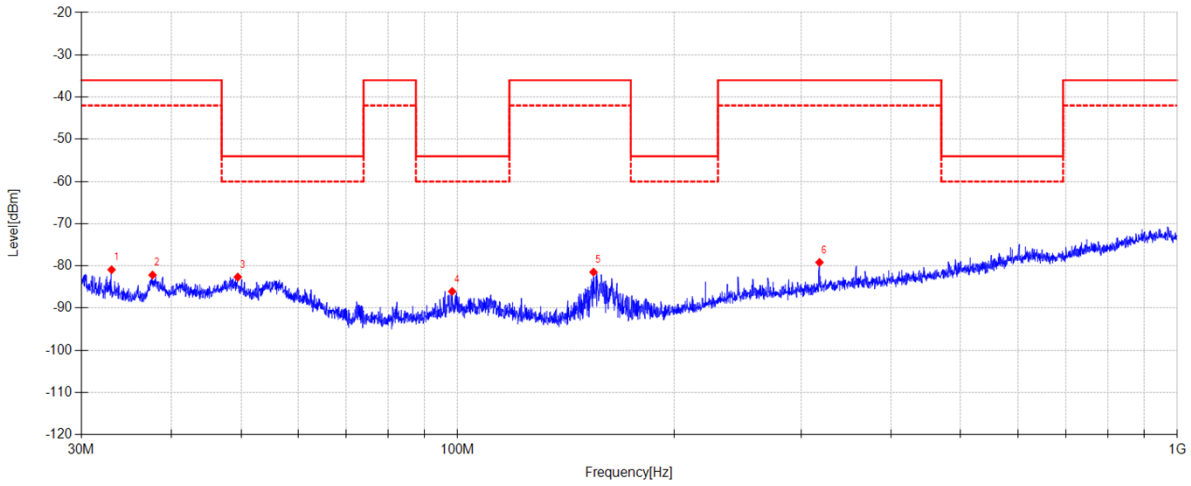


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	73.192	39.58	-118.40	-78.82	-54.00	24.82	PK	Vertical	ERP
2	82.227	39.08	-116.57	-77.49	-36.00	41.49	PK	Vertical	ERP
3	109.844	33.67	-111.91	-78.24	-54.00	24.24	PK	Vertical	ERP
4	164.505	36.64	-114.70	-78.06	-36.00	42.06	PK	Vertical	ERP
5	221.149	37.49	-114.06	-76.57	-54.00	22.57	PK	Vertical	ERP
6	897.016	28.61	-96.72	-68.11	-36.00	32.11	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\5		
Memo:	Sample Number:S25111416-006		

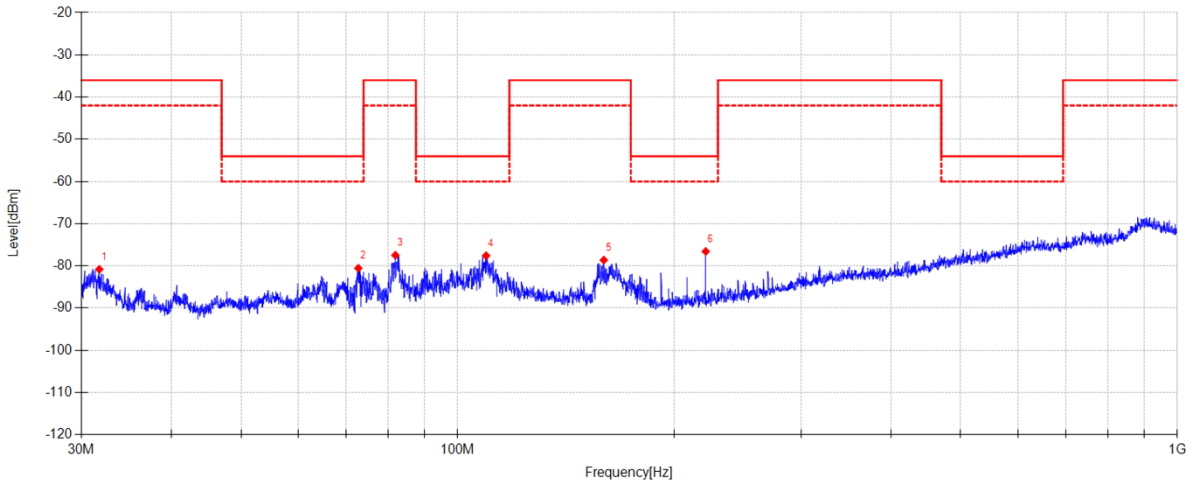


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	33.048	32.82	-113.72	-80.90	-36.00	44.90	PK	Horizontal	ERP
2	37.678	30.68	-112.83	-82.15	-36.00	46.15	PK	Horizontal	ERP
3	49.493	28.55	-111.18	-82.63	-54.00	28.63	PK	Horizontal	ERP
4	98.256	30.44	-116.48	-86.04	-54.00	32.04	PK	Horizontal	ERP
5	154.445	37.60	-119.07	-81.47	-36.00	45.47	PK	Horizontal	ERP
6	318.220	32.03	-111.19	-79.16	-36.00	43.16	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\6		
Memo:	Sample Number:S25111416-006		

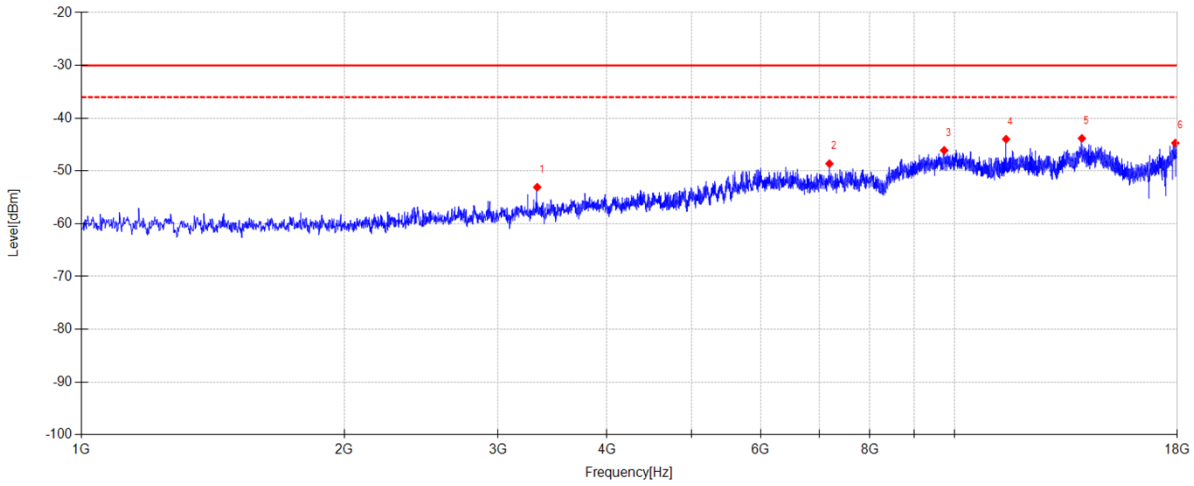


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	31.775	36.88	-117.68	-80.80	-36.00	44.80	PK	Vertical	ERP
2	72.783	37.91	-118.45	-80.54	-54.00	26.54	PK	Vertical	ERP
3	81.939	39.24	-116.70	-77.46	-36.00	41.46	PK	Vertical	ERP
4	109.537	34.32	-111.89	-77.57	-54.00	23.57	PK	Vertical	ERP
5	159.619	36.09	-114.71	-78.62	-36.00	42.62	PK	Vertical	ERP
6	221.149	37.49	-114.06	-76.57	-54.00	22.57	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\1		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

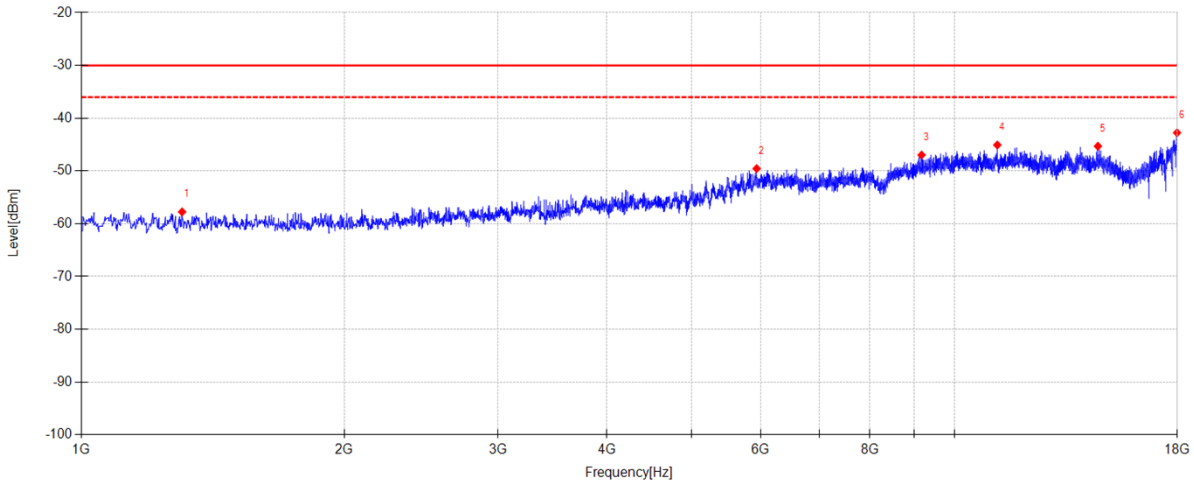


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3327.300	49.31	-102.39	-53.08	**-30.00**	23.08	PK	Horizontal	EIRP
2	7191.400	45.50	-94.12	-48.62	**-30.00**	18.62	PK	Horizontal	EIRP
3	9732.900	42.65	-88.76	-46.11	**-30.00**	16.11	PK	Horizontal	EIRP
4	11458.400	45.13	-89.11	-43.98	**-30.00**	13.98	PK	Horizontal	EIRP
5	13994.800	40.98	-84.81	-43.83	**-30.00**	13.83	PK	Horizontal	EIRP
6	17903.100	38.96	-83.67	-44.71	**-30.00**	14.71	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\2		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

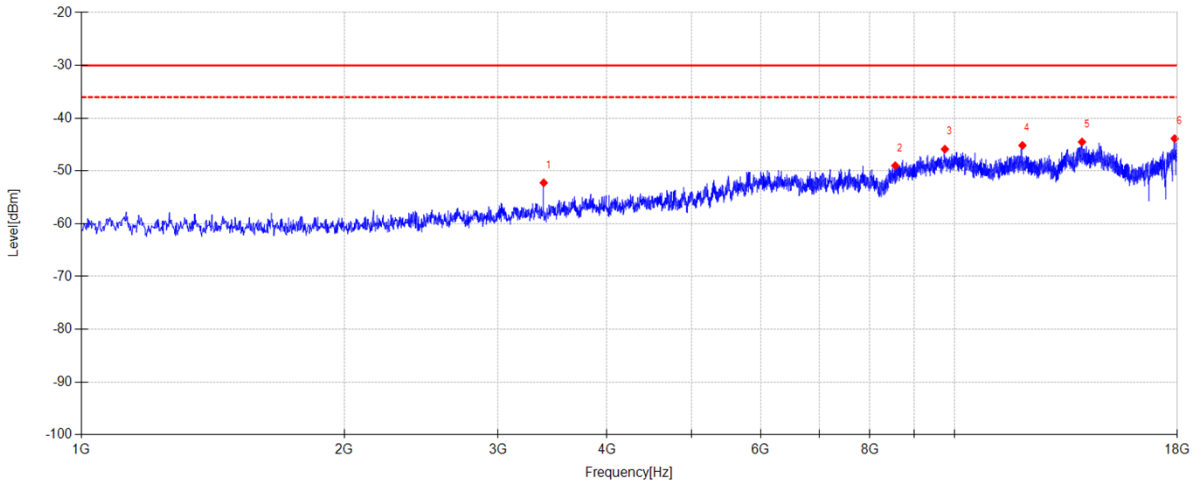


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1304.300	46.71	-104.46	-57.75	**-30.00**	27.75	PK	Vertical	EIRP
2	5935.100	44.99	-94.55	-49.56	**-30.00**	19.56	PK	Vertical	EIRP
3	9170.200	42.68	-89.65	-46.97	**-30.00**	16.97	PK	Vertical	EIRP
4	11196.600	43.12	-88.20	-45.08	**-30.00**	15.08	PK	Vertical	EIRP
5	14598.300	41.16	-86.46	-45.30	**-30.00**	15.30	PK	Vertical	EIRP
6	17986.400	39.57	-82.33	-42.76	**-30.00**	12.76	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\3		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

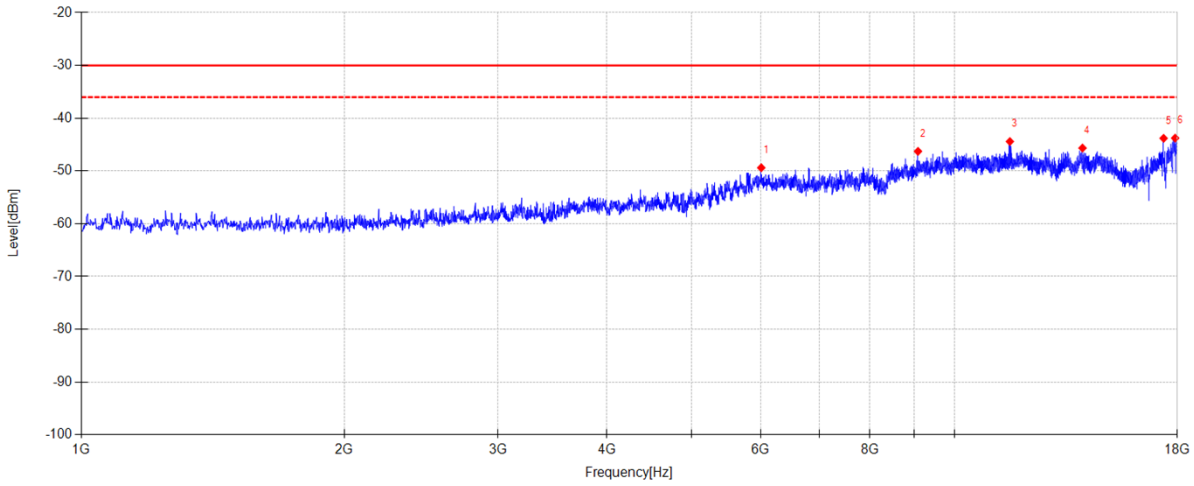


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3385.100	50.04	-102.28	-52.24	**-30.00**	22.24	PK	Horizontal	EIRP
2	8554.800	42.08	-91.08	-49.00	**-30.00**	19.00	PK	Horizontal	EIRP
3	9751.600	42.87	-88.74	-45.87	**-30.00**	15.87	PK	Horizontal	EIRP
4	11963.300	43.40	-88.57	-45.17	**-30.00**	15.17	PK	Horizontal	EIRP
5	13998.200	40.29	-84.80	-44.51	**-30.00**	14.51	PK	Horizontal	EIRP
6	17872.500	39.94	-83.81	-43.87	**-30.00**	13.87	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\4		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

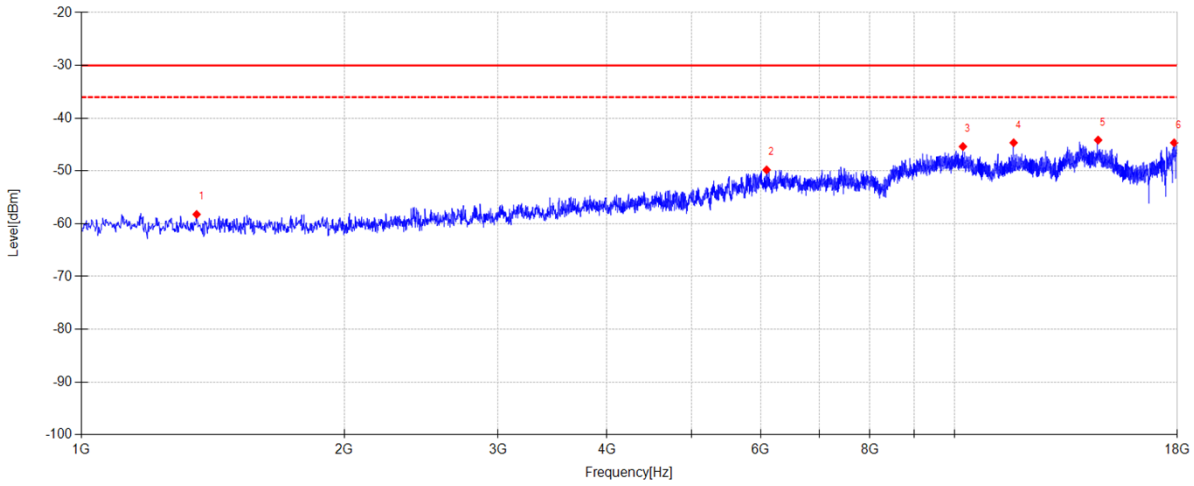


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	6008.200	44.85	-94.24	-49.39	**-30.00**	19.39	PK	Vertical	EIRP
2	9083.500	43.42	-89.70	-46.28	**-30.00**	16.28	PK	Vertical	EIRP
3	11574.000	43.68	-88.10	-44.42	**-30.00**	14.42	PK	Vertical	EIRP
4	14015.200	40.49	-86.15	-45.66	**-30.00**	15.66	PK	Vertical	EIRP
5	17360.800	41.28	-85.09	-43.81	**-30.00**	13.81	PK	Vertical	EIRP
6	17896.300	38.96	-82.73	-43.77	**-30.00**	13.77	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\5		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

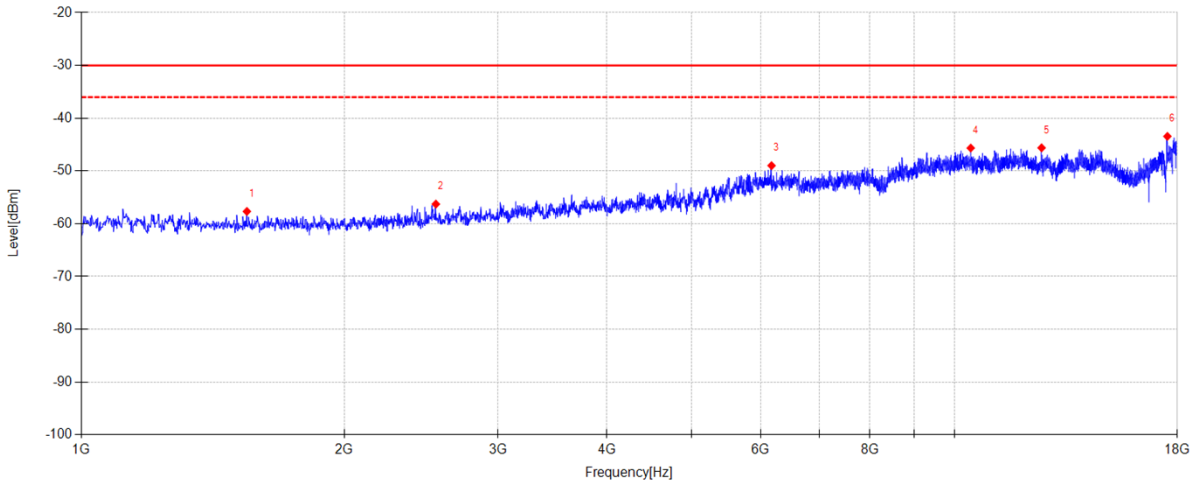


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1355.300	46.58	-104.81	-58.23	**-30.00**	28.23	PK	Horizontal	EIRP
2	6093.200	44.48	-94.28	-49.80	**-30.00**	19.80	PK	Horizontal	EIRP
3	10225.900	43.38	-88.76	-45.38	**-30.00**	15.38	PK	Horizontal	EIRP
4	11689.600	44.21	-88.86	-44.65	**-30.00**	14.65	PK	Horizontal	EIRP
5	14605.100	41.25	-85.40	-44.15	**-30.00**	14.15	PK	Horizontal	EIRP
6	17850.400	39.23	-83.90	-44.67	**-30.00**	14.67	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\6		
Memo:	Sample Number:S25111416-006;Power Setting:NA		



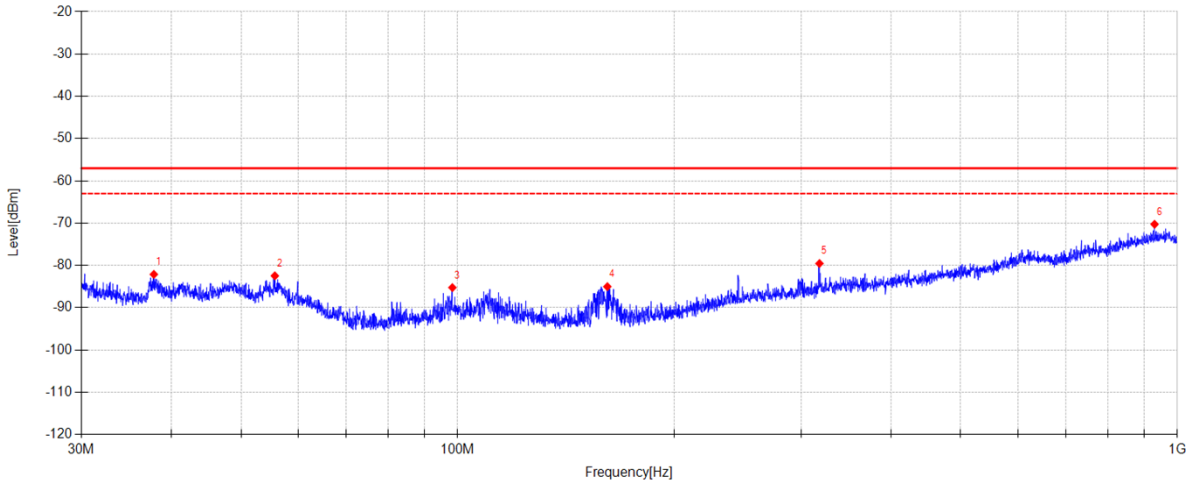
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1547.400	46.83	-104.50	-57.67	**-30.00**	27.67	PK	Vertical	EIRP
2	2547.000	47.37	-103.65	-56.28	**-30.00**	26.28	PK	Vertical	EIRP
3	6173.100	45.29	-94.28	-48.99	**-30.00**	18.99	PK	Vertical	EIRP
4	10438.400	43.02	-88.68	-45.66	**-30.00**	15.66	PK	Vertical	EIRP
5	12582.100	42.59	-88.21	-45.62	**-30.00**	15.62	PK	Vertical	EIRP
6	17534.200	40.88	-84.32	-43.44	**-30.00**	13.44	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.

4 Appendix A.4 : Receiver spurious emissions

Test Date:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\11		
Memo:	Sample Number:S25111416-006		

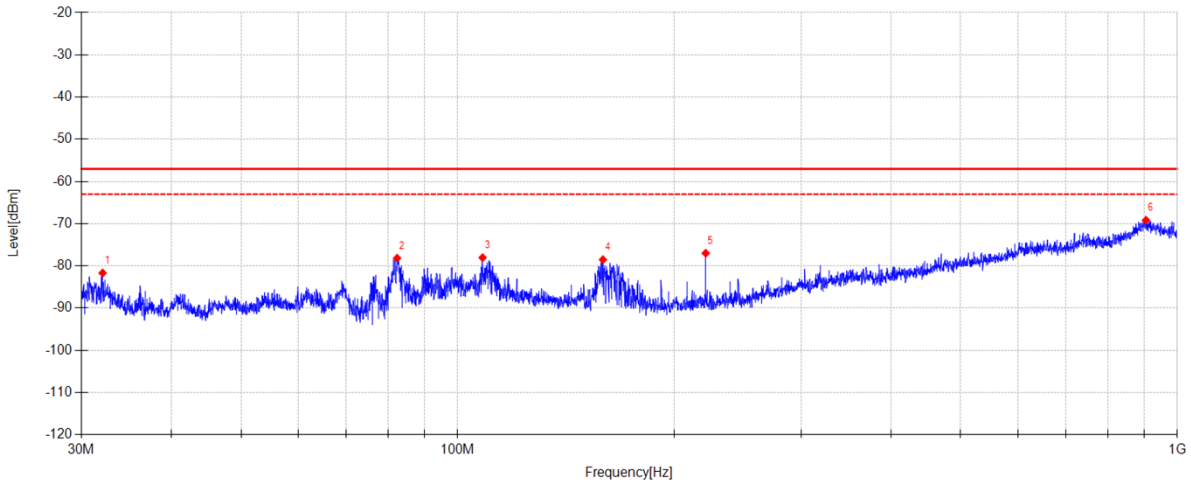


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	37.837	30.69	-112.80	-82.11	-57.00	25.11	PK	Horizontal	ERP
2	55.720	30.06	-112.52	-82.46	-57.00	25.46	PK	Horizontal	ERP
3	98.325	31.23	-116.47	-85.24	-57.00	28.24	PK	Horizontal	ERP
4	161.420	33.63	-118.64	-85.01	-57.00	28.01	PK	Horizontal	ERP
5	318.220	31.65	-111.19	-79.54	-57.00	22.54	PK	Horizontal	ERP
6	929.674	29.15	-99.41	-70.26	-57.00	13.26	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\12		
Memo:	Sample Number:S25111416-006		

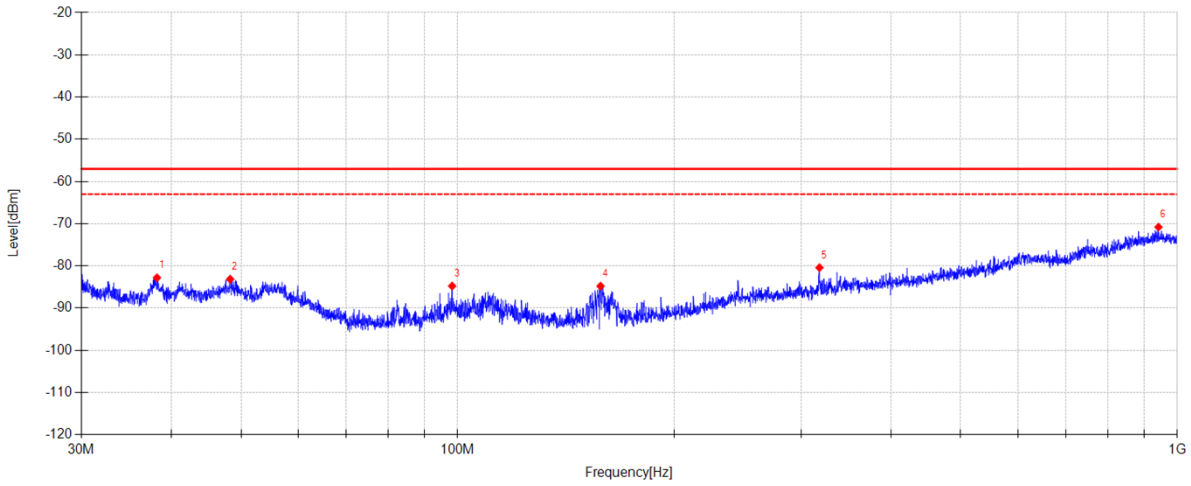


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.111	35.96	-117.64	-81.68	-57.00	24.68	PK	Vertical	ERP
2	82.400	38.33	-116.49	-78.16	-57.00	21.16	PK	Vertical	ERP
3	108.315	33.78	-111.81	-78.03	-57.00	21.03	PK	Vertical	ERP
4	159.172	36.20	-114.72	-78.52	-57.00	21.52	PK	Vertical	ERP
5	221.149	37.07	-114.06	-76.99	-57.00	19.99	PK	Vertical	ERP
6	904.595	27.42	-96.58	-69.16	-57.00	12.16	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\9		
Memo:	Sample Number:S25111416-006		

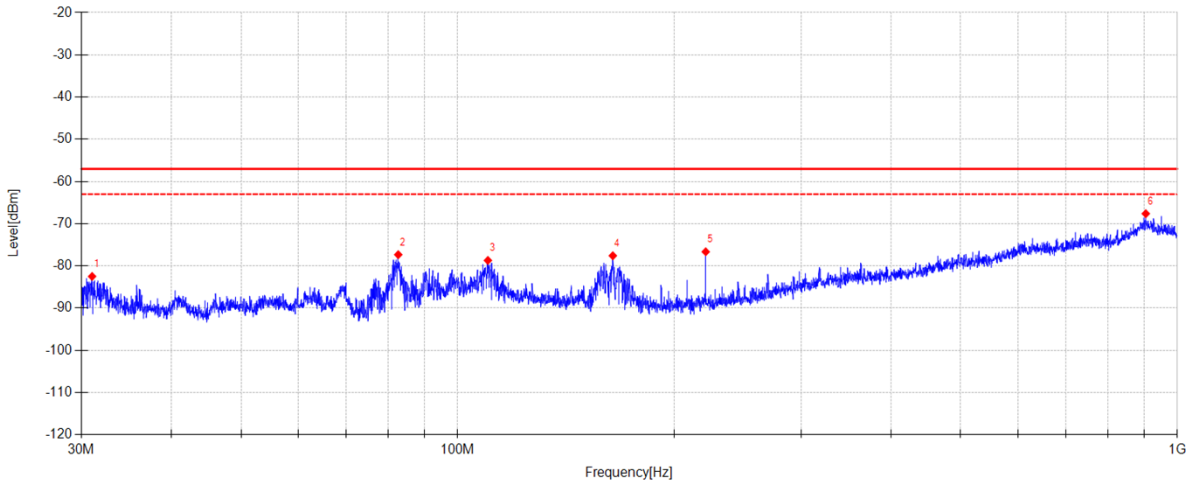


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	38.210	29.95	-112.74	-82.79	-57.00	25.79	PK	Horizontal	ERP
2	48.293	28.20	-111.34	-83.14	-57.00	26.14	PK	Horizontal	ERP
3	98.256	31.72	-116.48	-84.76	-57.00	27.76	PK	Horizontal	ERP
4	157.949	34.08	-118.86	-84.78	-57.00	27.78	PK	Horizontal	ERP
5	318.220	30.79	-111.19	-80.40	-57.00	23.40	PK	Horizontal	ERP
6	941.481	28.28	-99.07	-70.79	-57.00	13.79	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\10		
Memo:	Sample Number:S25111416-006		

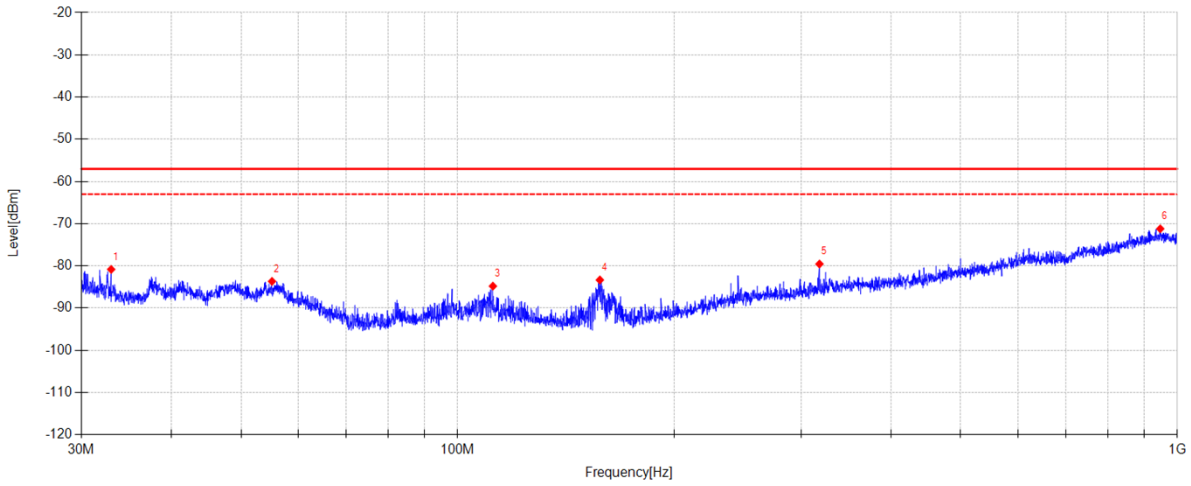


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	31.049	35.27	-117.75	-82.48	-57.00	25.48	PK	Vertical	ERP
2	82.689	39.03	-116.36	-77.33	-57.00	20.33	PK	Vertical	ERP
3	110.153	33.24	-111.93	-78.69	-57.00	21.69	PK	Vertical	ERP
4	164.274	37.12	-114.70	-77.58	-57.00	20.58	PK	Vertical	ERP
5	221.149	37.42	-114.06	-76.64	-57.00	19.64	PK	Vertical	ERP
6	903.961	28.95	-96.58	-67.63	-57.00	10.63	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\7		
Memo:	Sample Number:S25111416-006		

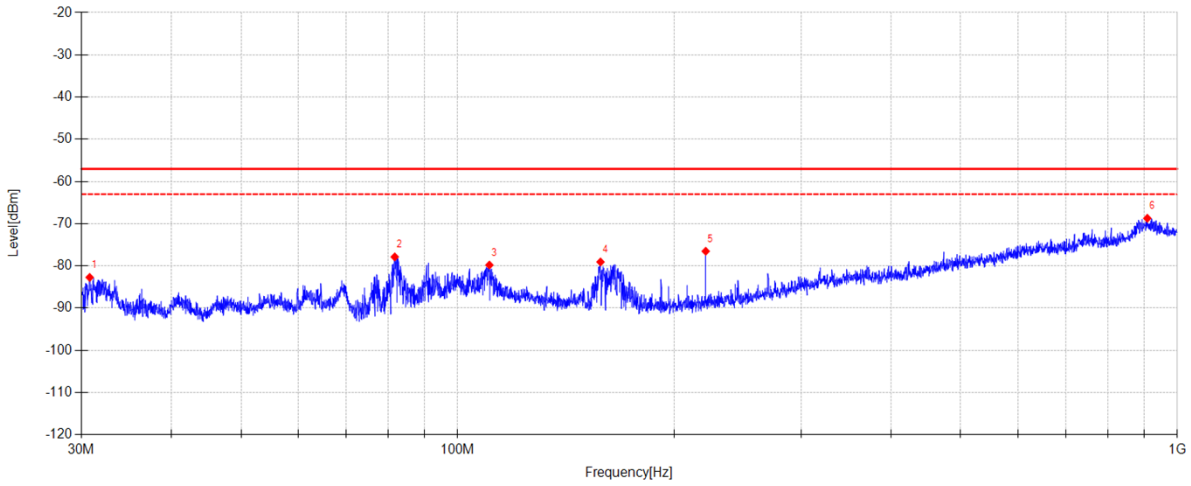


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	33.002	32.91	-113.73	-80.82	-57.00	23.82	PK	Horizontal	ERP
2	55.214	28.74	-112.40	-83.66	-57.00	26.66	PK	Horizontal	ERP
3	111.944	32.15	-116.94	-84.79	-57.00	27.79	PK	Horizontal	ERP
4	157.617	35.57	-118.89	-83.32	-57.00	26.32	PK	Horizontal	ERP
5	318.220	31.65	-111.19	-79.54	-57.00	22.54	PK	Horizontal	ERP
6	946.777	27.71	-98.91	-71.20	-57.00	14.20	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\8		
Memo:	Sample Number:S25111416-006		

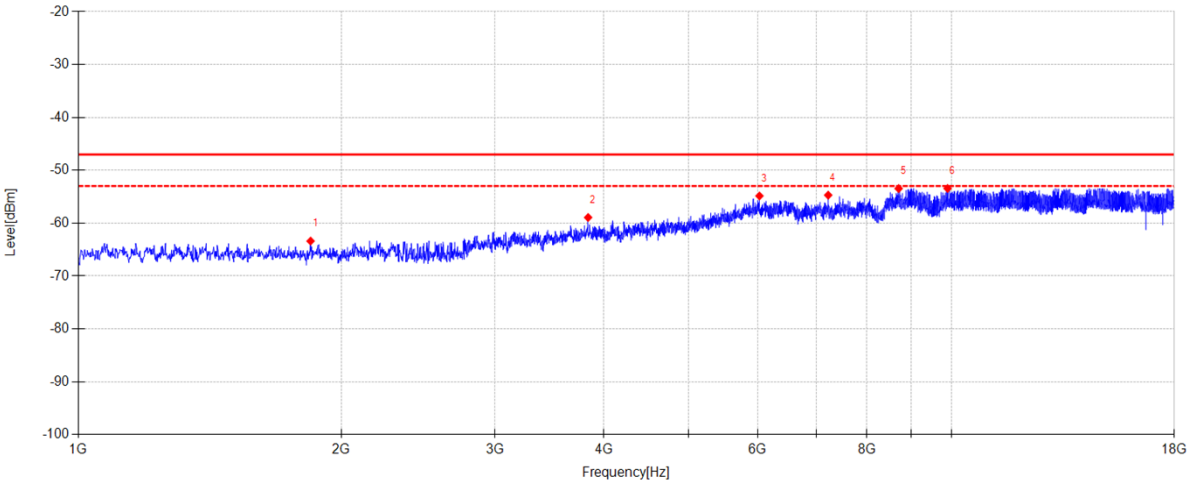


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.810	35.07	-117.78	-82.71	-57.00	25.71	PK	Vertical	ERP
2	81.767	38.93	-116.78	-77.85	-57.00	20.85	PK	Vertical	ERP
3	110.695	32.18	-111.97	-79.79	-57.00	22.79	PK	Vertical	ERP
4	157.949	35.66	-114.72	-79.06	-57.00	22.06	PK	Vertical	ERP
5	221.149	37.54	-114.06	-76.52	-57.00	19.52	PK	Vertical	ERP
6	908.409	27.91	-96.63	-68.72	-57.00	11.72	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\9		
Memo:	Sample Number:S25111416-006		

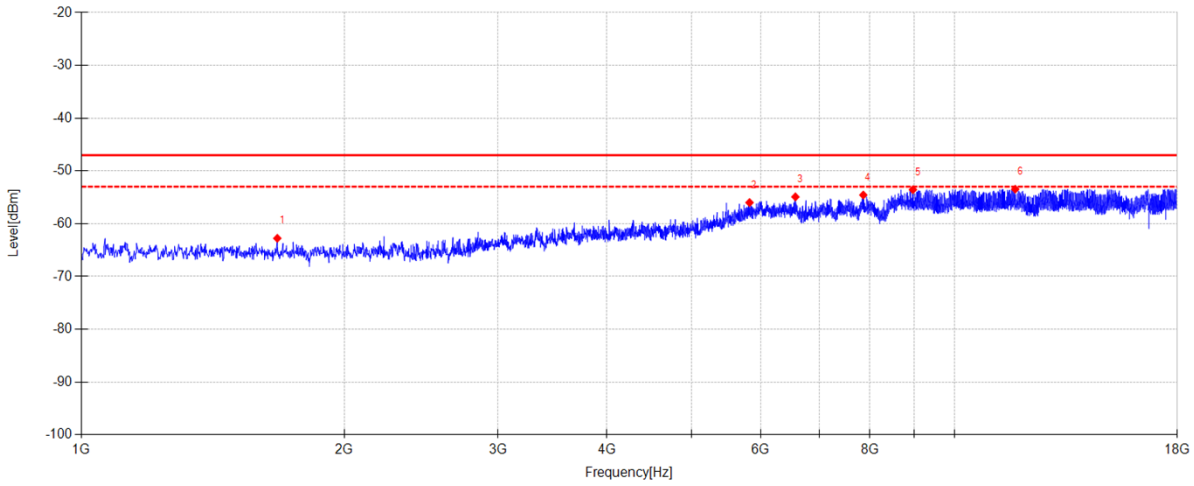


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1844.900	41.43	-104.82	-63.39	**-47.00**	16.39	RMS	Horizontal	EIRP
2	3835.600	42.56	-101.49	-58.93	**-47.00**	11.93	RMS	Horizontal	EIRP
3	6026.900	39.43	-94.28	-54.85	**-47.00**	7.85	RMS	Horizontal	EIRP
4	7225.400	39.38	-94.08	-54.70	**-47.00**	7.70	RMS	Horizontal	EIRP
5	8699.300	37.10	-90.55	-53.45	**-47.00**	6.45	RMS	Horizontal	EIRP
6	9897.800	35.17	-88.61	-53.44	**-47.00**	6.44	RMS	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\10		
Memo:	Sample Number:S25111416-006		

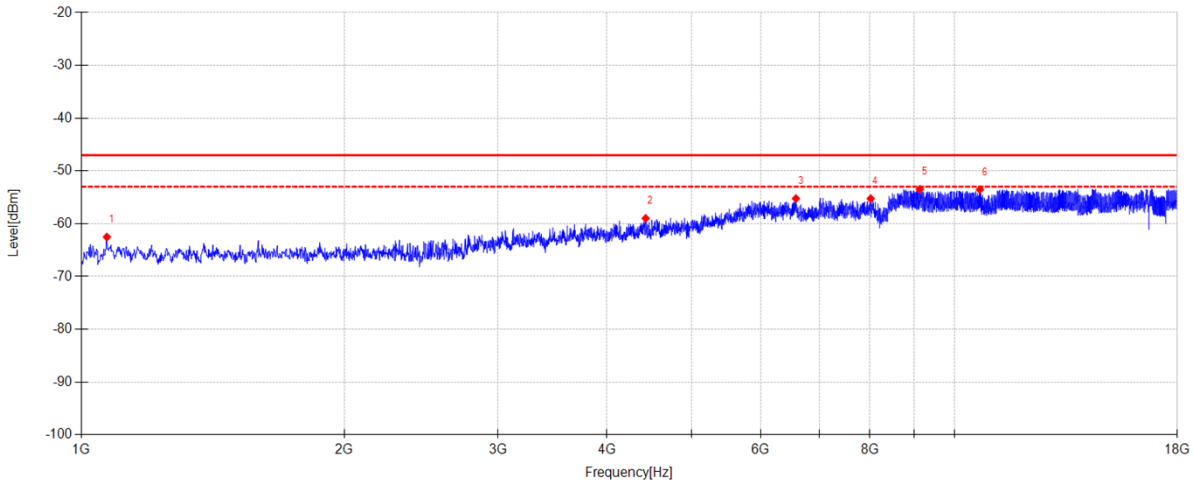


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1676.600	41.75	-104.51	-62.76	**-47.00**	15.76	RMS	Vertical	EIRP
2	5824.600	39.11	-95.10	-55.99	**-47.00**	8.99	RMS	Vertical	EIRP
3	6574.300	39.47	-94.38	-54.91	**-47.00**	7.91	RMS	Vertical	EIRP
4	7862.900	38.42	-92.98	-54.56	**-47.00**	7.56	RMS	Vertical	EIRP
5	8962.800	36.33	-89.88	-53.55	**-47.00**	6.55	RMS	Vertical	EIRP
6	11737.200	34.60	-88.06	-53.46	**-47.00**	6.46	RMS	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\11		
Memo:	Sample Number:S25111416-006		

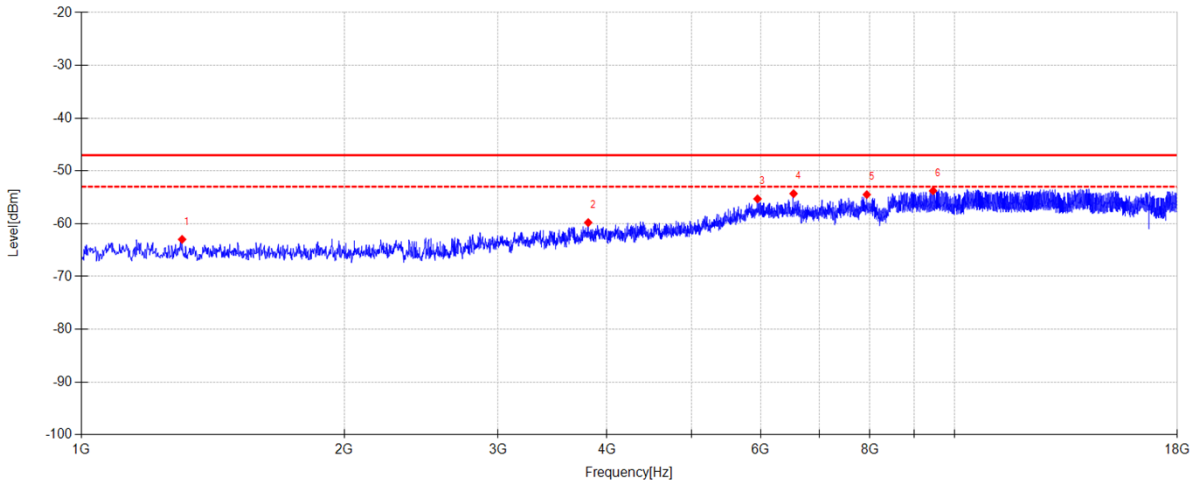


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1069.700	42.29	-104.81	-62.52	**-47.00**	15.52	RMS	Horizontal	EIRP
2	4428.900	41.12	-100.10	-58.98	**-47.00**	11.98	RMS	Horizontal	EIRP
3	6582.800	39.08	-94.31	-55.23	**-47.00**	8.23	RMS	Horizontal	EIRP
4	8017.600	37.84	-93.09	-55.25	**-47.00**	8.25	RMS	Horizontal	EIRP
5	9126.000	35.85	-89.32	-53.47	**-47.00**	6.47	RMS	Horizontal	EIRP
6	10693.400	35.73	-89.27	-53.54	**-47.00**	6.54	RMS	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\12		
Memo:	Sample Number:S25111416-006		

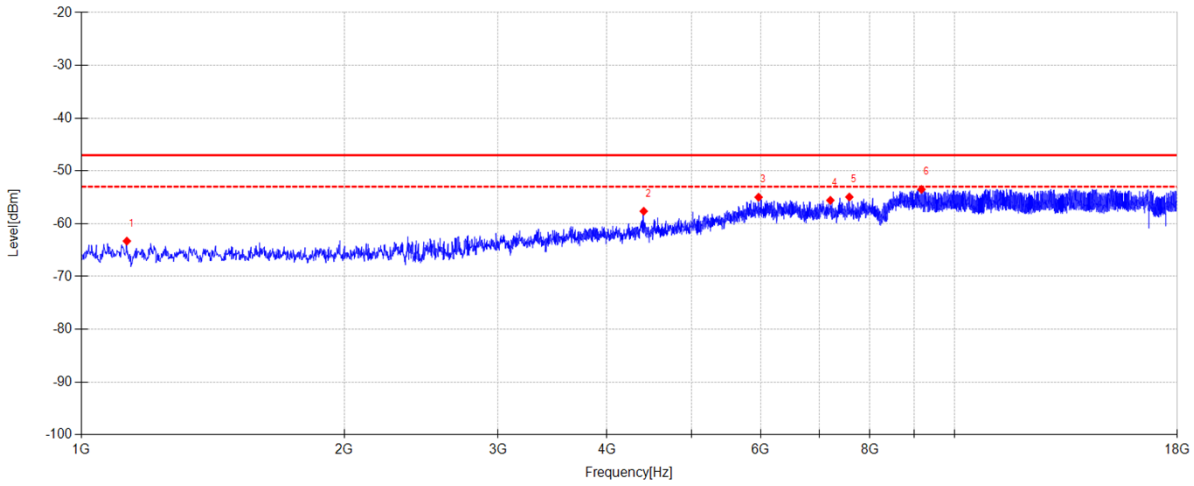


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1304.300	41.49	-104.46	-62.97	**-47.00**	15.97	RMS	Vertical	EIRP
2	3806.700	41.77	-101.55	-59.78	**-47.00**	12.78	RMS	Vertical	EIRP
3	5948.700	39.20	-94.49	-55.29	**-47.00**	8.29	RMS	Vertical	EIRP
4	6542.000	40.08	-94.38	-54.30	**-47.00**	7.30	RMS	Vertical	EIRP
5	7936.000	38.38	-92.86	-54.48	**-47.00**	7.48	RMS	Vertical	EIRP
6	9452.400	35.66	-89.42	-53.76	**-47.00**	6.76	RMS	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\7		
Memo:	Sample Number:S25111416-006		

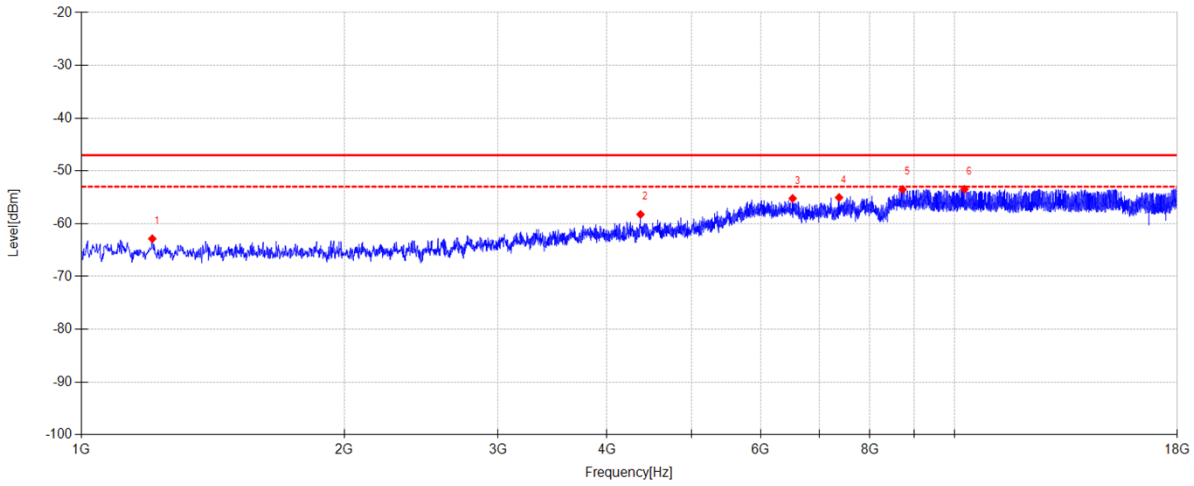


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1127.500	41.50	-104.80	-63.30	**-47.00**	16.30	RMS	Horizontal	EIRP
2	4406.800	42.53	-100.16	-57.63	**-47.00**	10.63	RMS	Horizontal	EIRP
3	5965.700	39.46	-94.43	-54.97	**-47.00**	7.97	RMS	Horizontal	EIRP
4	7208.400	38.53	-94.10	-55.57	**-47.00**	8.57	RMS	Horizontal	EIRP
5	7579.000	38.72	-93.66	-54.94	**-47.00**	7.94	RMS	Horizontal	EIRP
6	9166.800	35.78	-89.27	-53.49	**-47.00**	6.49	RMS	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:	2025-12-05	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 230V/50Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\8		
Memo:	Sample Number:S25111416-006		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1205.700	41.60	-104.45	-62.85	**-47.00**	15.85	RMS	Vertical	EIRP
2	4369.400	42.22	-100.46	-58.24	**-47.00**	11.24	RMS	Vertical	EIRP
3	6526.700	39.17	-94.38	-55.21	**-47.00**	8.21	RMS	Vertical	EIRP
4	7376.700	38.80	-93.84	-55.04	**-47.00**	8.04	RMS	Vertical	EIRP
5	8719.700	37.10	-90.61	-53.51	**-47.00**	6.51	RMS	Vertical	EIRP
6	10266.700	35.34	-88.81	-53.47	**-47.00**	6.47	RMS	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.

5 Appendix A.5: Adjacent channel selectivity

Signal A	Signal B	Blocking level (dBm)	Limit(dBm)	Result
Operation Frequency	Blocking Frequency			
5787MHz	upper and lower adjacent channels	-42.55	-30 dBm + k	Pass
	upper and lower adjacent channels	-41.28	-30 dBm + k	Pass

Note:
k=-20logf-10logBW

Operation Frequency	Channel bandwidth (MHz)	*k*(dBm)
5787MHz	6.36	-23.28

Note:
1. The method of coupling to the receiver is conducted method.
2. The manufacturer declares the following receiver performance criteria: When the unwanted signal is below or at a particular level, our product shall work normally; but when the unwanted signal is above the particular level, the work mode of our product may be changed, for example, from off mode to on mode.

6 Appendix A.6: Blocking or desensitization

FSK 5787

Signal A	Signal B	Blocking level (dBm)	Limit(dBm)	Verdict
Operation Frequency	Blocking Frequency			
5787MHz	-50BW	-40.54	-45 dBm + k	Pass
	-20BW	-41.37	-45 dBm + k	Pass
	-10BW	-42.05	-45 dBm + k	Pass
	+10BW	-42.84	-45 dBm + k	Pass
	+20BW	-41.15	-45 dBm + k	Pass
	+50BW	-40.92	-45 dBm + k	Pass

Note:
k=-20logf-10logBW

Operation Frequency	Channel bandwidth (MHz)	k(dBm)
5787MHz	6.36	-23.28

Note:

1. The method of coupling to the receiver is conducted method.
2. The manufacturer declares the following receiver performance criteria: When the unwanted signal is below or at a particular level, our product shall work normally; but when the unwanted signal is above the particular level, the work mode of our product may be changed, for example, from off mode to on mode.

Appendix B

Test Results of Article 3.2 Radio Spectrum of 5.8GHz, active subwoofer

1 APPENDIX B.1 : EQUIVALENT ISOTROPIC RADIATED POWER....2
2 APPENDIX B.2 : PERMITTED RANGE OF OPERATING FREQUENCIES....4
3 APPENDIX B.3 : TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN....6
4 APPENDIX B.4 : RECEIVER SPURIOUS EMISSIONS....14
5 APPENDIX B.5: ADJACENT CHANNEL SELECTIVITY....22
6 APPENDIX B.6: BLOCKING OR DESENSITIZATION....23

1 Appendix B.1 : Equivalent isotropic radiated 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.

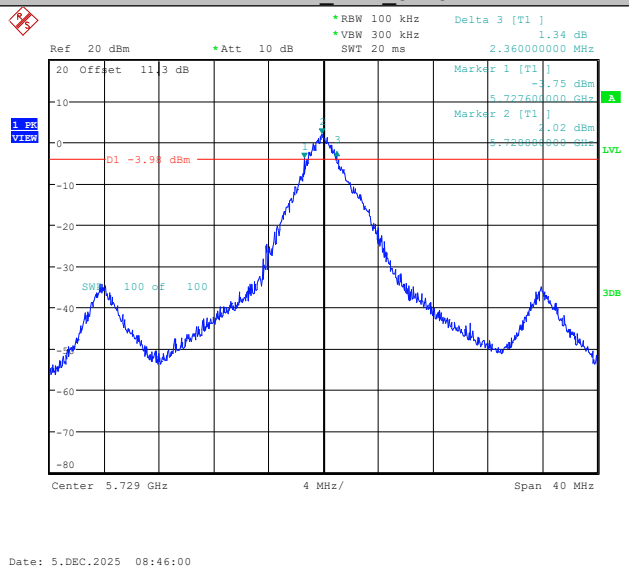
Test Condition	Test Mode	Antenna	Frequency [MHz]	TPC	A [dBm]	Duty Cycle [%]	DC Factor [dB]	Conducted power Result [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	SRD	Ant1	5729	NA	1.43	59.09	2.28	3.71	5.28	24	PASS
			5787	NA	0.85	63.64	1.96	2.81	4.38	24	PASS
			5845	NA	-0.29	63.64	1.96	1.67	3.24	24	PASS
LTNV	SRD	Ant1	5729	NA	1.43	61.90	2.08	3.51	5.08	24	PASS
			5787	NA	0.75	59.09	2.28	3.03	4.60	24	PASS
			5845	NA	-0.30	63.64	1.96	1.66	3.23	24	PASS
HTNV	SRD	Ant1	5729	NA	1.43	63.64	1.96	3.39	4.96	24	PASS
			5787	NA	0.77	63.64	1.96	2.73	4.30	24	PASS
			5845	NA	-0.29	63.64	1.96	1.67	3.24	24	PASS

Note：The Duty Cycle Factor is compensated in the graph.

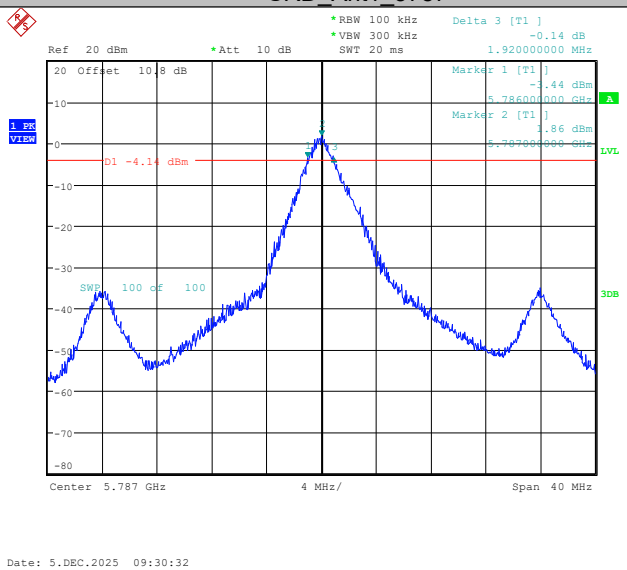
6dB bandwidth

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5729	2.36	5727.60	5729.96	0.5	PASS
		5787	1.92	5786.00	5787.92	0.5	PASS
		5845	1.96	5844.00	5845.96	0.5	PASS

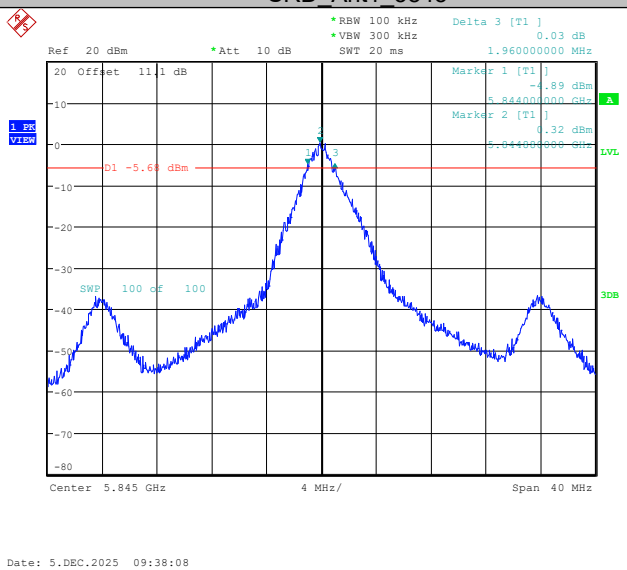
SRD_Ant1_5729



SRD_Ant1_5787



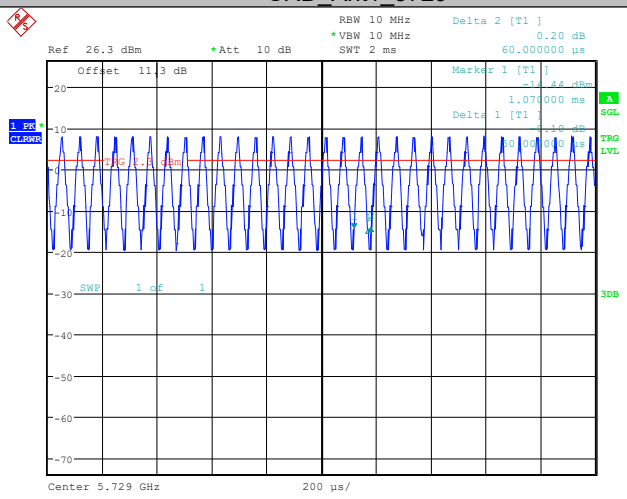
SRD_Ant1_5845



Duty Cycle

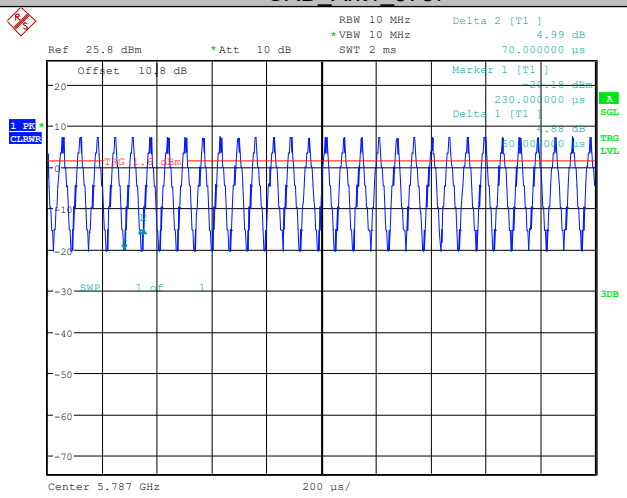
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
SRD	Ant1	5729	0.05	0.06	83.33
		5787	0.06	0.07	85.71
		5845	0.06	0.06	100.00

SRD_Ant1_5729



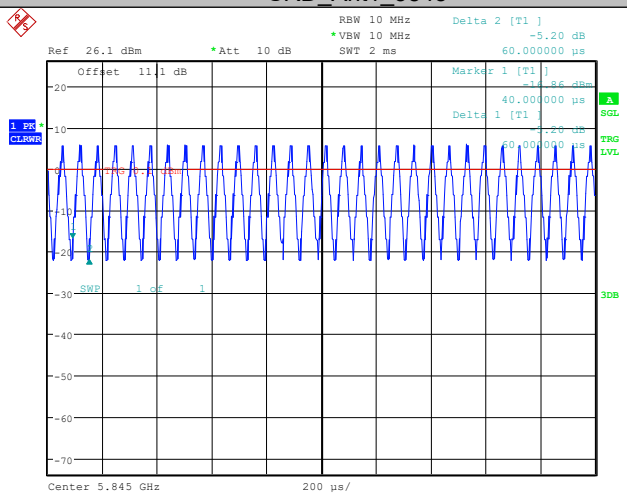
Date: 5.DEC.2025 08:46:28

SRD_Ant1_5787



Date: 5.DEC.2025 09:31:00

SRD_Ant1_5845



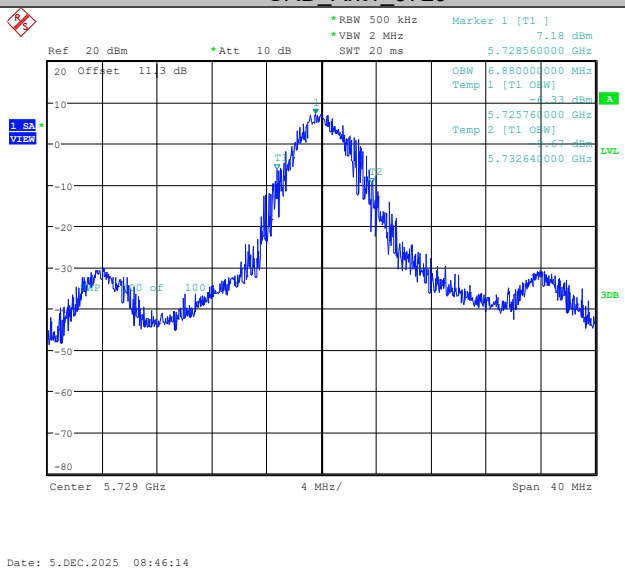
Date: 5.DEC.2025 09:38:36

2 Appendix B.2 : Permitted range of operating frequencies

Occupied channel bandwidth

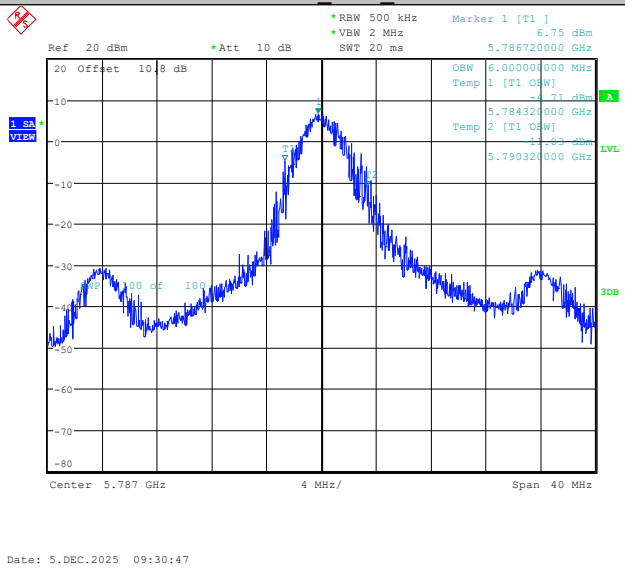
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	5729	6.8800	5725.7600	5732.6400	---	PASS
		5787	6.0000	5784.3200	5790.3200	---	PASS
		5845	5.8000	5842.3200	5848.1200	---	PASS

SRD_Ant1_5729



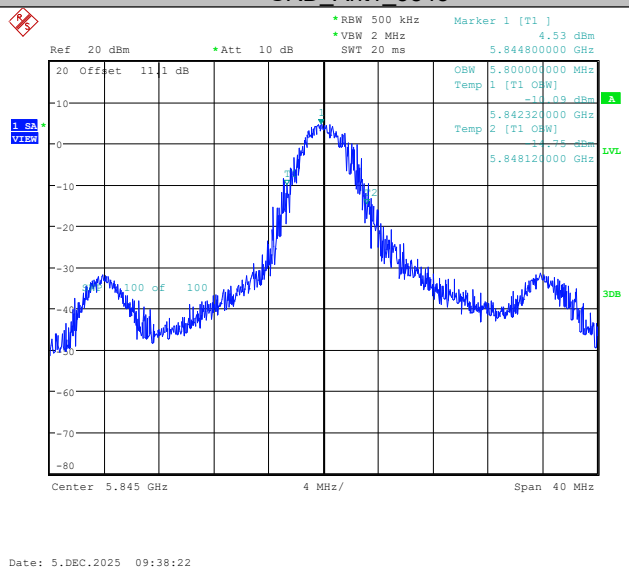
Date: 5.DEC.2025 08:46:14

SRD_Ant1_5787



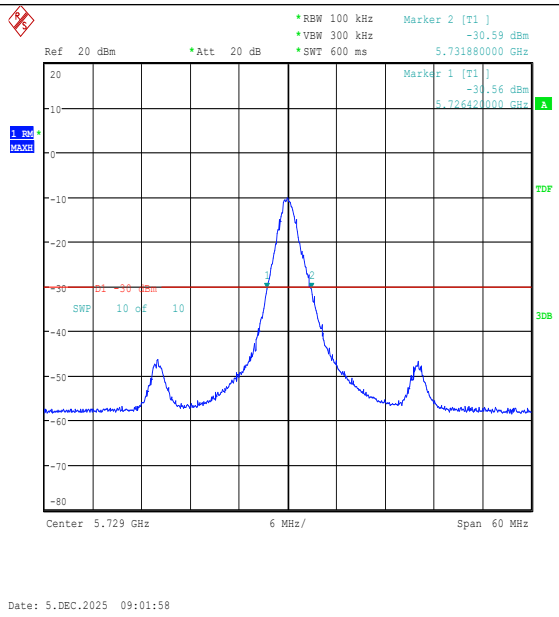
Date: 5.DEC.2025 09:30:47

SRD_Ant1_5845

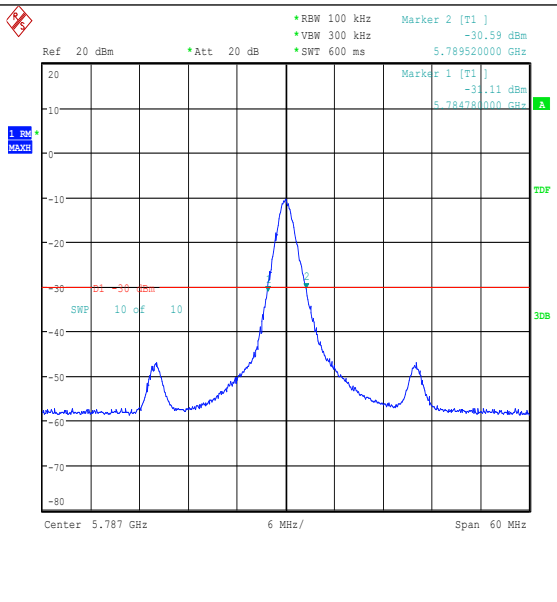


Operating frequencies

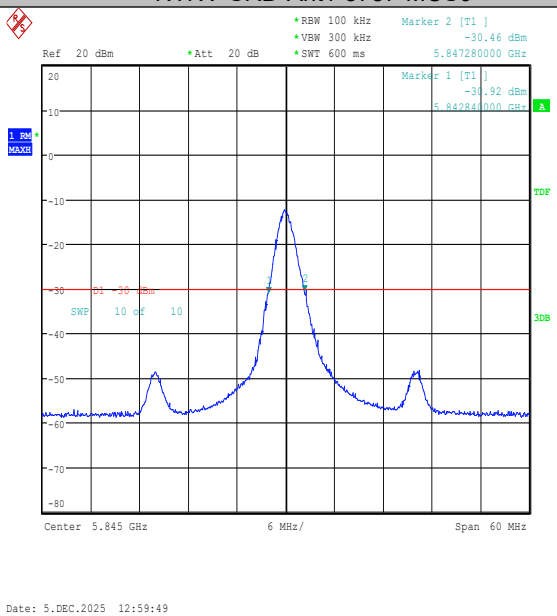
Sample Number	TestMode	Antenna	Rate	Frequency[MHz]	LowFrequency [GHz]	HighFrequency [GHz]	Limit[MHz]	Verdict
1	SRD	Ant1	MCS0	5729	5.726420	5.731880	---	PASS
1	SRD	Ant1	MCS0	5787	5.784780	5.789520	---	PASS
1	SRD	Ant1	MCS0	5845	5.842840	5.847280	---	PASS



NTNV-SRD-Ant1-5729-MCS0-



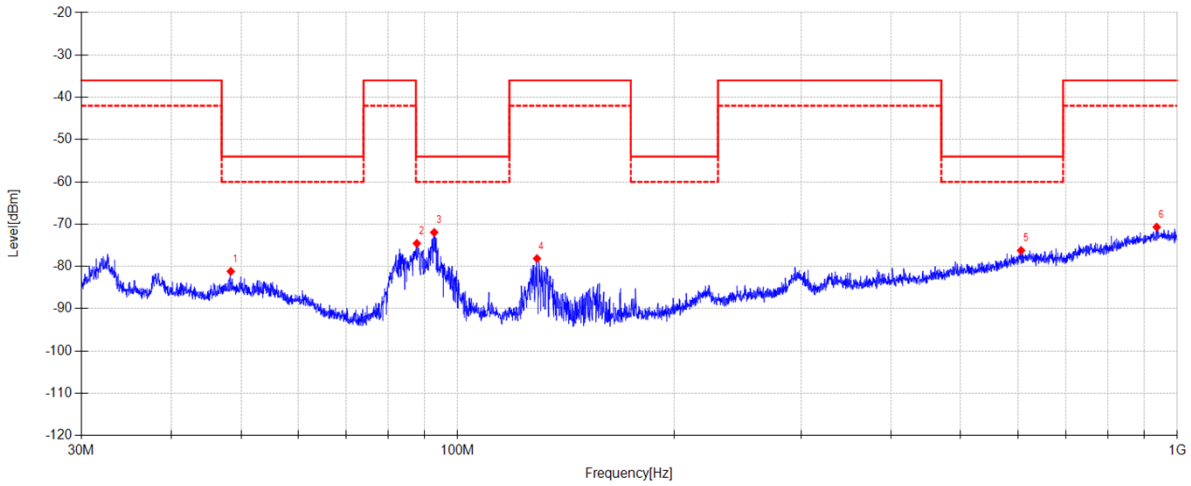
NTNV-SRD-Ant1-5787-MCS0-



NTNV-SRD-Ant1-5845-MCS0-

3 Appendix B.3 : Transmitter unwanted emissions in the spurious domain

Test Date:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\23		
Memo:	Sample Number:S25111416-006		

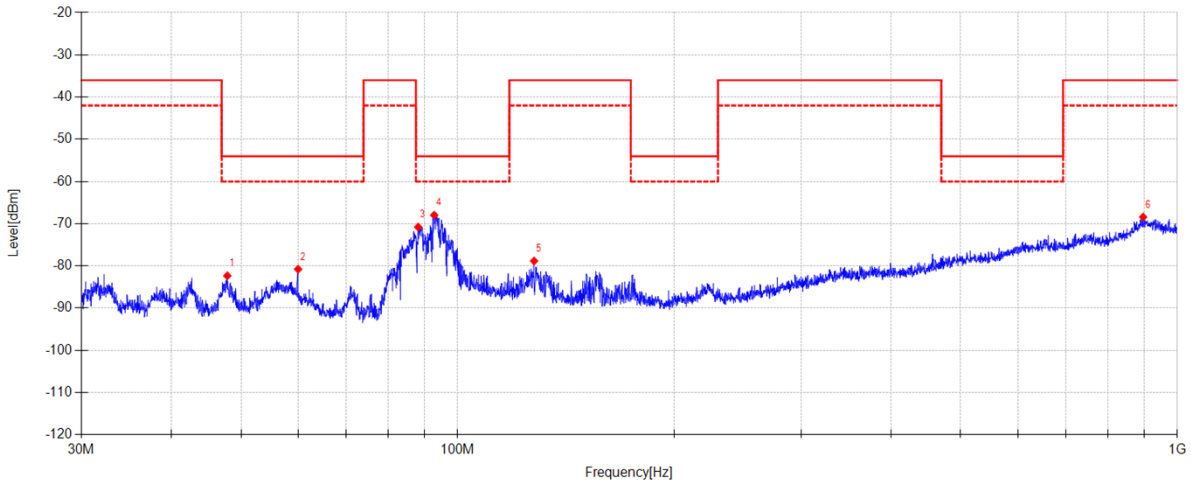


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	48.395	30.14	-111.32	-81.18	-54.00	27.18	PK	Horizontal	ERP
2	87.767	43.47	-118.02	-74.55	-54.00	20.55	PK	Horizontal	ERP
3	92.766	45.46	-117.41	-71.95	-54.00	17.95	PK	Horizontal	ERP
4	128.887	39.88	-118.01	-78.13	-36.00	42.13	PK	Horizontal	ERP
5	606.570	28.60	-104.82	-76.22	-54.00	22.22	PK	Horizontal	ERP
6	936.215	28.53	-99.22	-70.69	-36.00	34.69	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\24		
Memo:	Sample Number:S25111416-006		

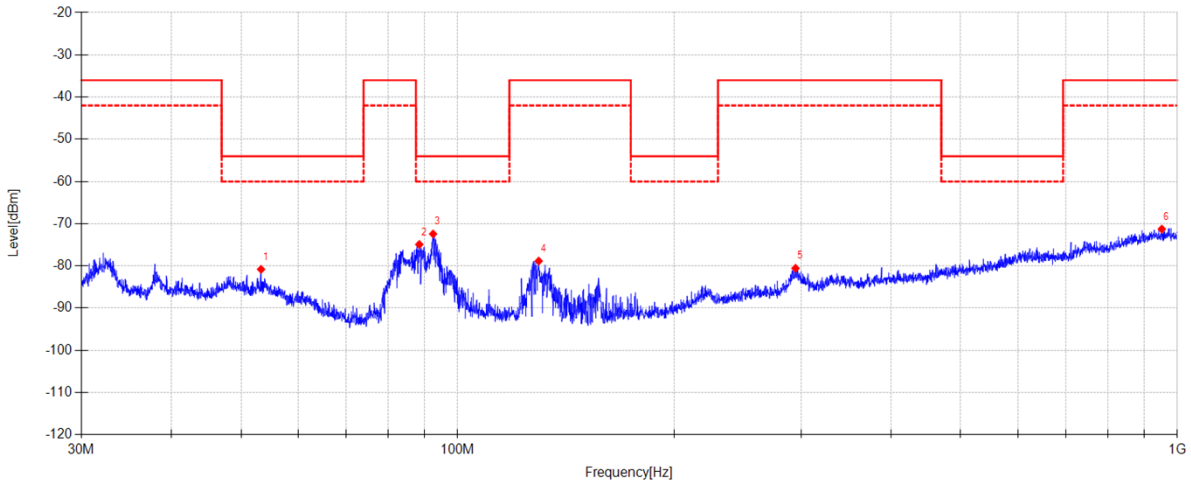


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	47.855	33.78	-116.11	-82.33	-54.00	28.33	PK	Vertical	ERP
2	60.019	35.07	-115.85	-80.78	-54.00	26.78	PK	Vertical	ERP
3	88.137	43.12	-113.91	-70.79	-54.00	16.79	PK	Vertical	ERP
4	92.766	44.59	-112.56	-67.97	-54.00	13.97	PK	Vertical	ERP
5	127.717	34.34	-113.17	-78.83	-36.00	42.83	PK	Vertical	ERP
6	896.387	28.34	-96.75	-68.41	-36.00	32.41	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\21		
Memo:	Sample Number:S25111416-006		

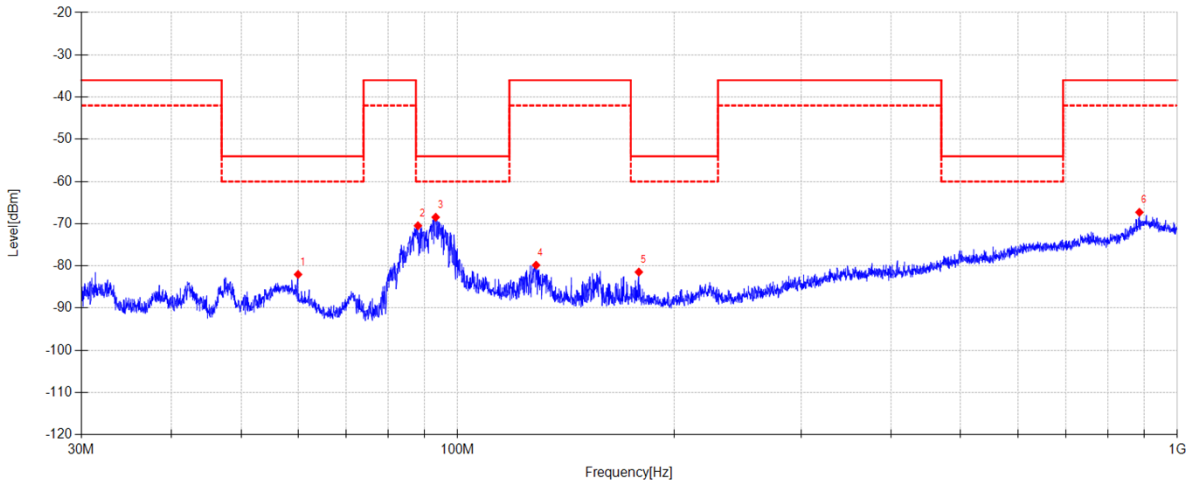


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	53.312	31.12	-111.93	-80.81	-54.00	26.81	PK	Horizontal	ERP
2	88.447	43.05	-117.97	-74.92	-54.00	20.92	PK	Horizontal	ERP
3	92.442	45.04	-117.46	-72.42	-54.00	18.42	PK	Horizontal	ERP
4	129.612	39.22	-118.06	-78.84	-36.00	42.84	PK	Horizontal	ERP
5	294.805	31.30	-111.85	-80.55	-36.00	44.55	PK	Horizontal	ERP
6	951.436	27.57	-98.84	-71.27	-36.00	35.27	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\22		
Memo:	Sample Number:S25111416-006		

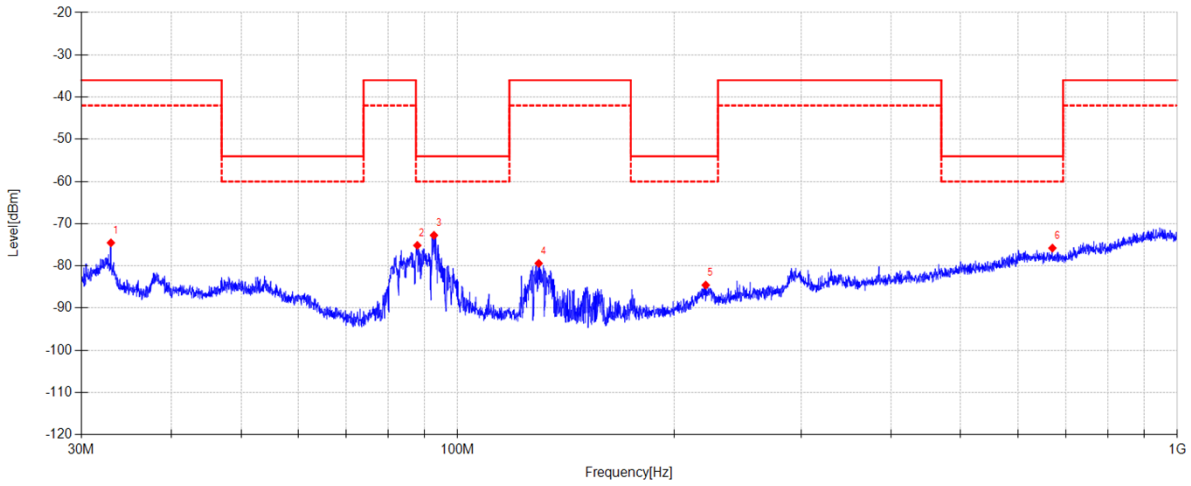


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	60.019	33.83	-115.85	-82.02	-54.00	28.02	PK	Vertical	ERP
2	88.076	43.45	-113.93	-70.48	-54.00	16.48	PK	Vertical	ERP
3	93.223	44.01	-112.47	-68.46	-54.00	14.46	PK	Vertical	ERP
4	128.526	33.41	-113.23	-79.82	-36.00	43.82	PK	Vertical	ERP
5	178.569	33.22	-114.67	-81.45	-54.00	27.45	PK	Vertical	ERP
6	885.766	30.13	-97.42	-67.29	-36.00	31.29	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\19		
Memo:	Sample Number:S25111416-006		

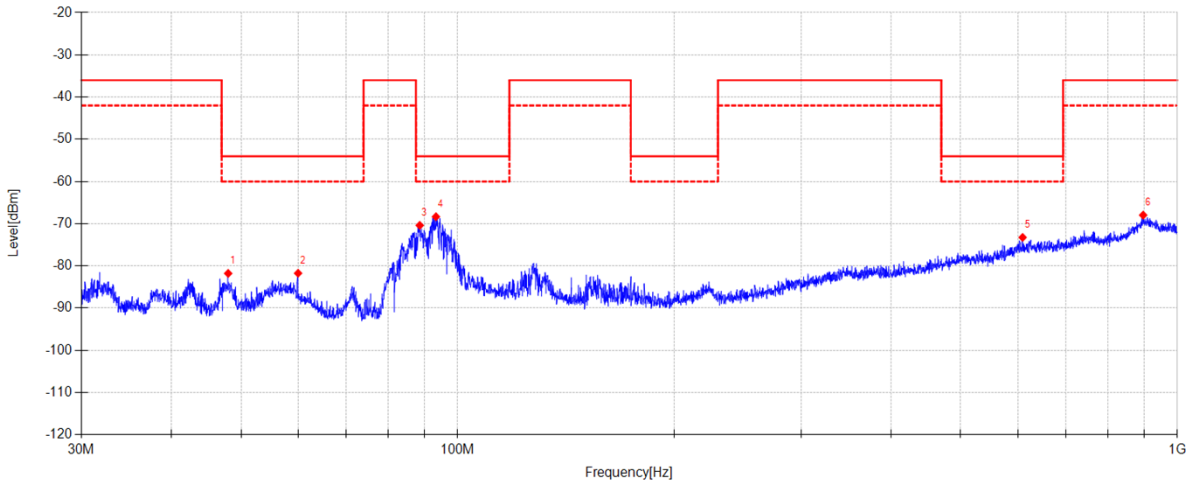


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.978	39.20	-113.73	-74.53	-36.00	38.53	PK	Horizontal	ERP
2	87.891	42.88	-118.01	-75.13	-54.00	21.13	PK	Horizontal	ERP
3	92.701	44.67	-117.42	-72.75	-54.00	18.75	PK	Horizontal	ERP
4	129.612	38.67	-118.06	-79.39	-36.00	43.39	PK	Horizontal	ERP
5	221.149	30.28	-114.83	-84.55	-54.00	30.55	PK	Horizontal	ERP
6	670.543	29.00	-104.77	-75.77	-54.00	21.77	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\20		
Memo:	Sample Number:S25111416-006		

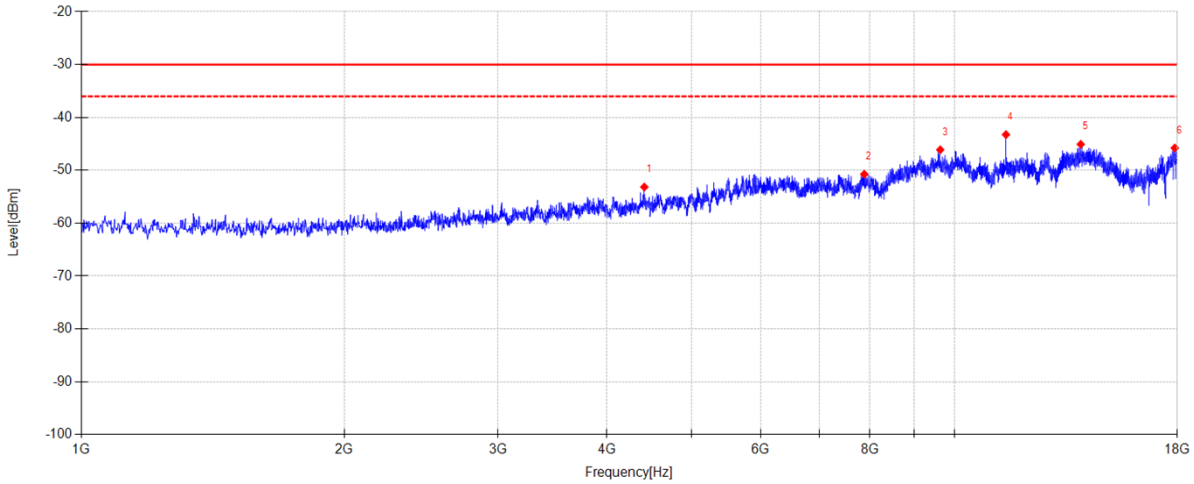


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	47.989	34.33	-116.10	-81.77	-54.00	27.77	PK	Vertical	ERP
2	60.019	34.12	-115.85	-81.73	-54.00	27.73	PK	Vertical	ERP
3	88.571	43.32	-113.71	-70.39	-54.00	16.39	PK	Vertical	ERP
4	93.288	44.12	-112.46	-68.34	-54.00	14.34	PK	Vertical	ERP
5	609.554	29.36	-102.61	-73.25	-54.00	19.25	PK	Vertical	ERP
6	896.387	28.78	-96.75	-67.97	-36.00	31.97	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\13		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

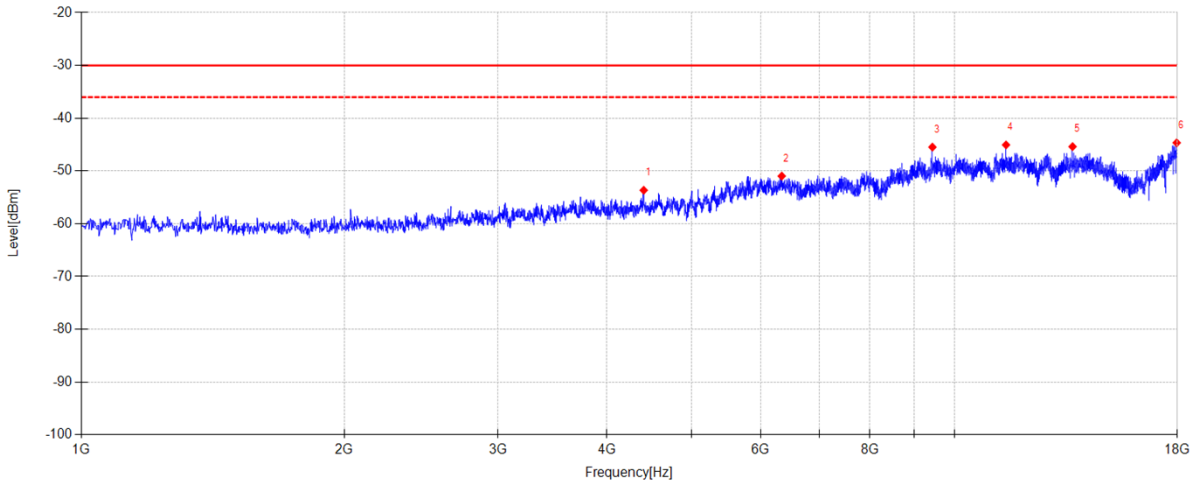


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	4413.600	46.97	-100.13	-53.16	**-30.00**	23.16	PK	Horizontal	EIRP
2	7883.300	42.55	-93.29	-50.74	**-30.00**	20.74	PK	Horizontal	EIRP
3	9632.600	42.73	-88.85	-46.12	**-30.00**	16.12	PK	Horizontal	EIRP
4	11455.000	45.87	-89.12	-43.25	**-30.00**	13.25	PK	Horizontal	EIRP
5	13952.300	39.90	-84.98	-45.08	**-30.00**	15.08	PK	Horizontal	EIRP
6	17877.600	38.01	-83.79	-45.78	**-30.00**	15.78	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\14		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

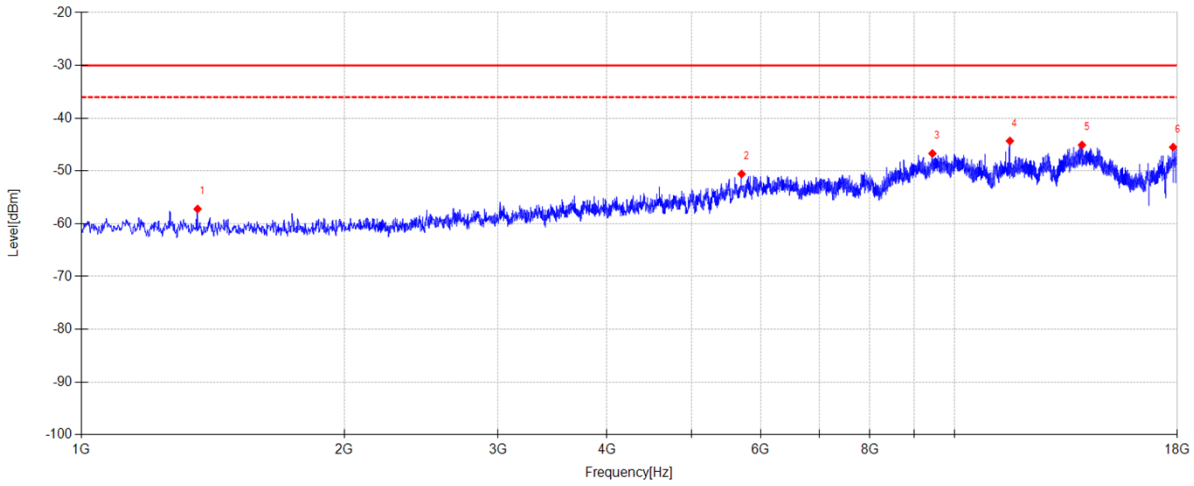


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	4406.800	46.72	-100.38	-53.66	**-30.00**	23.66	PK	Vertical	EIRP
2	6341.400	43.36	-94.33	-50.97	**-30.00**	20.97	PK	Vertical	EIRP
3	9435.400	43.96	-89.44	-45.48	**-30.00**	15.48	PK	Vertical	EIRP
4	11456.700	43.07	-88.13	-45.06	**-30.00**	15.06	PK	Vertical	EIRP
5	13654.800	41.53	-86.92	-45.39	**-30.00**	15.39	PK	Vertical	EIRP
6	17971.100	37.74	-82.40	-44.66	**-30.00**	14.66	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\15		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

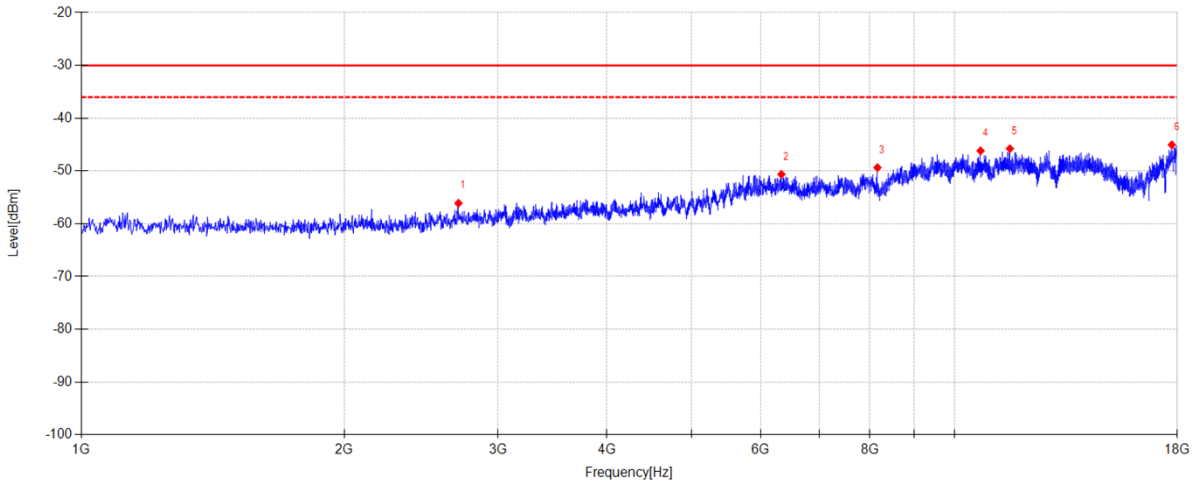


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1358.700	47.60	-104.81	-57.21	**-30.00**	27.21	PK	Horizontal	EIRP
2	5703.900	44.99	-95.56	-50.57	**-30.00**	20.57	PK	Horizontal	EIRP
3	9435.400	42.33	-89.03	-46.70	**-30.00**	16.70	PK	Horizontal	EIRP
4	11574.000	44.67	-88.99	-44.32	**-30.00**	14.32	PK	Horizontal	EIRP
5	13998.200	39.71	-84.80	-45.09	**-30.00**	15.09	PK	Horizontal	EIRP
6	17802.800	38.61	-84.10	-45.49	**-30.00**	15.49	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\16		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

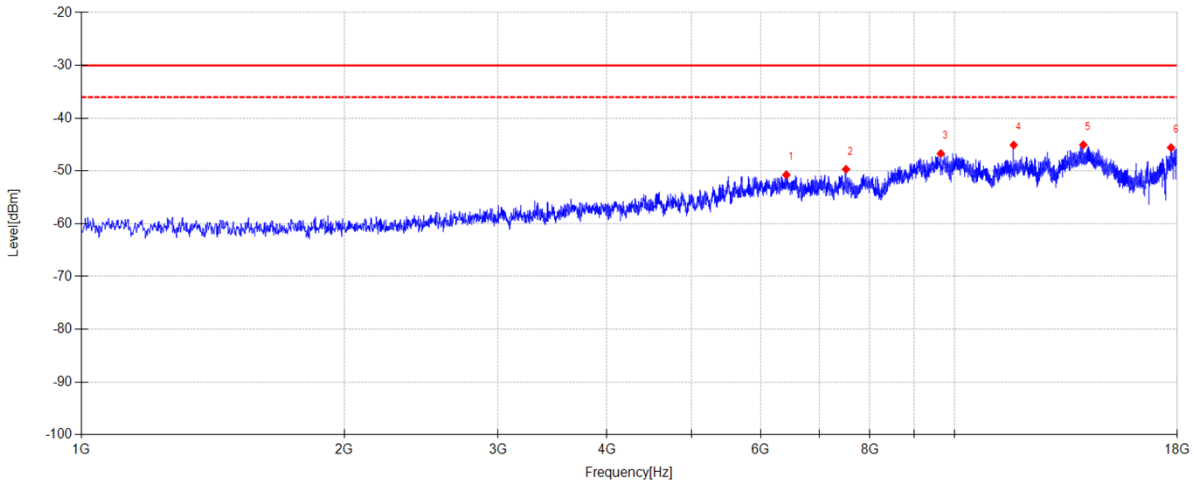


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	2703.400	47.29	-103.40	-56.11	**-30.00**	26.11	PK	Vertical	EIRP
2	6336.300	43.68	-94.32	-50.64	**-30.00**	20.64	PK	Vertical	EIRP
3	8162.100	42.90	-92.27	-49.37	**-30.00**	19.37	PK	Vertical	EIRP
4	10713.800	42.28	-88.46	-46.18	**-30.00**	16.18	PK	Vertical	EIRP
5	11574.000	42.32	-88.10	-45.78	**-30.00**	15.78	PK	Vertical	EIRP
6	17741.600	38.36	-83.41	-45.05	**-30.00**	15.05	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\17		
Memo:	Sample Number:S25111416-006;Power Setting:NA		

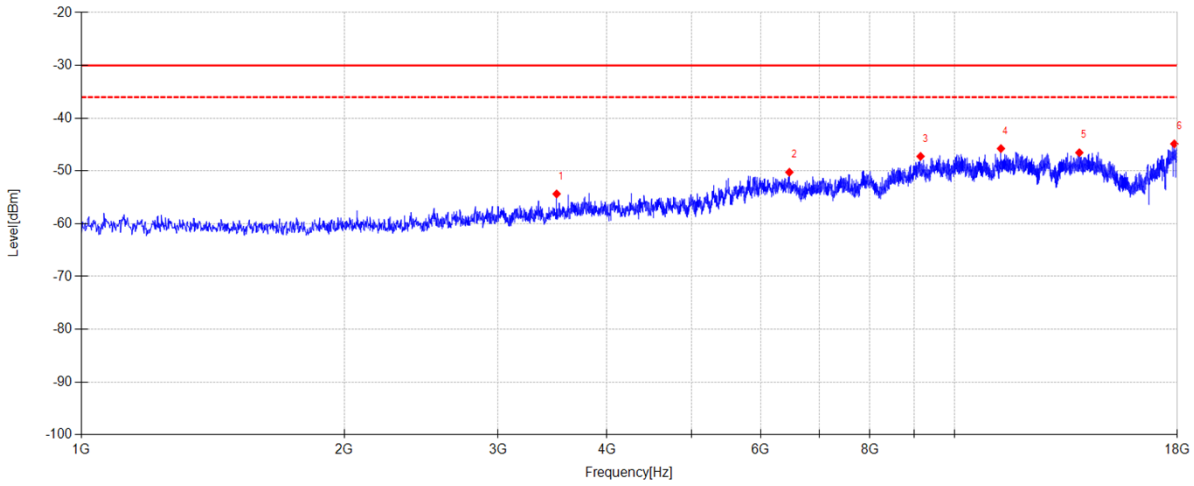


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	6417.900	43.58	-94.31	-50.73	**-30.00**	20.73	PK	Horizontal	EIRP
2	7512.700	44.06	-93.74	-49.68	**-30.00**	19.68	PK	Horizontal	EIRP
3	9646.200	42.14	-88.84	-46.70	**-30.00**	16.70	PK	Horizontal	EIRP
4	11691.300	43.77	-88.86	-45.09	**-30.00**	15.09	PK	Horizontal	EIRP
5	14047.500	39.78	-84.83	-45.05	**-30.00**	15.05	PK	Horizontal	EIRP
6	17702.500	38.95	-84.52	-45.57	**-30.00**	15.57	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	TX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\18		
Memo:	Sample Number:S25111416-006;Power Setting:NA		



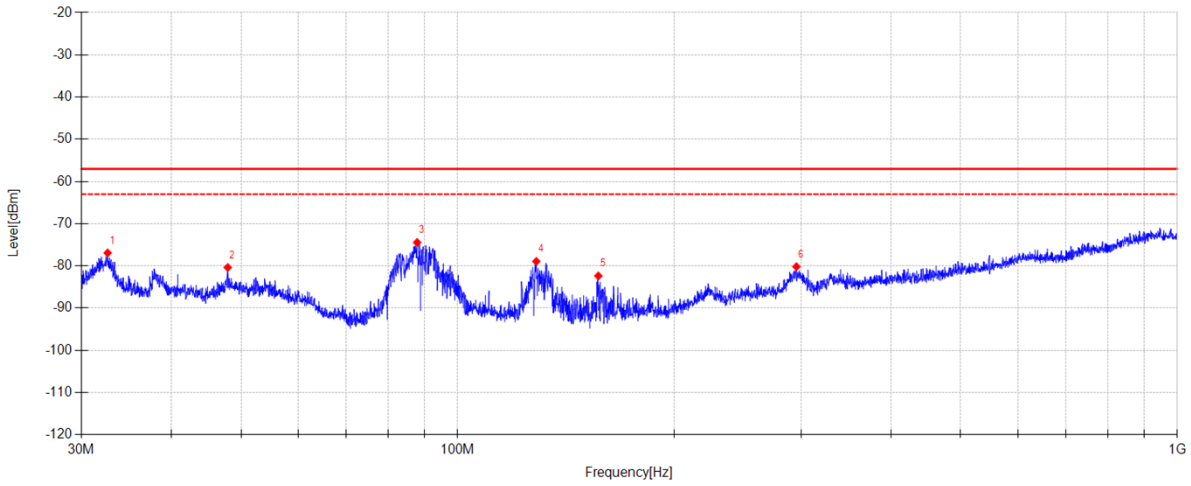
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3502.400	47.72	-102.07	-54.35	**-30.00**	24.35	PK	Vertical	EIRP
2	6470.600	44.12	-94.36	-50.24	**-30.00**	20.24	PK	Vertical	EIRP
3	9144.700	42.42	-89.66	-47.24	**-30.00**	17.24	PK	Vertical	EIRP
4	11303.700	42.41	-88.17	-45.76	**-30.00**	15.76	PK	Vertical	EIRP
5	13901.300	39.84	-86.37	-46.53	**-30.00**	16.53	PK	Vertical	EIRP
6	17857.200	38.03	-82.90	-44.87	**-30.00**	14.87	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.

4 Appendix B.4 : Receiver spurious emissions

Test Date:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\13		
Memo:	Sample Number:S25111416-006		

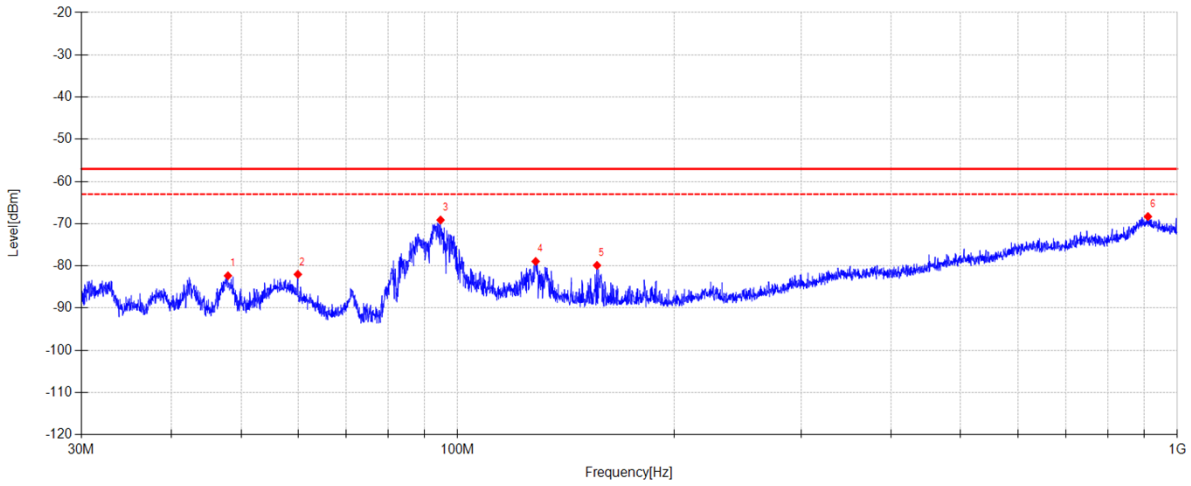


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.633	36.87	-113.79	-76.92	-57.00	19.92	PK	Horizontal	ERP
2	47.922	31.02	-111.38	-80.36	-57.00	23.36	PK	Horizontal	ERP
3	87.829	43.58	-118.01	-74.43	-57.00	17.43	PK	Horizontal	ERP
4	128.616	39.08	-118.00	-78.92	-57.00	21.92	PK	Horizontal	ERP
5	156.845	36.57	-118.93	-82.36	-57.00	25.36	PK	Horizontal	ERP
6	295.633	31.66	-111.84	-80.18	-57.00	23.18	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\14		
Memo:	Sample Number:S25111416-006		

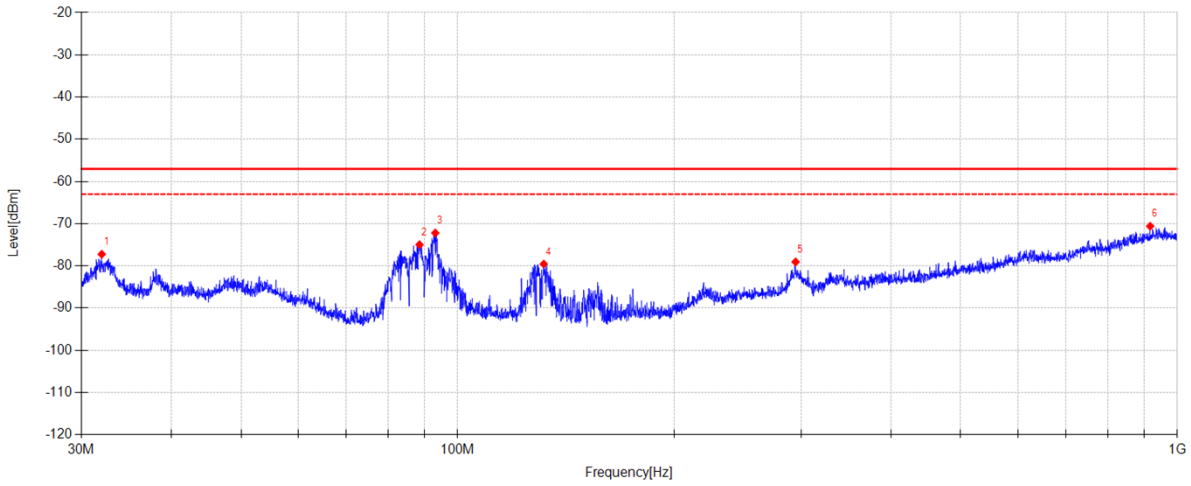


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	47.956	33.77	-116.10	-82.33	-57.00	25.33	PK	Vertical	ERP
2	59.977	33.85	-115.84	-81.99	-57.00	24.99	PK	Vertical	ERP
3	94.672	43.09	-112.21	-69.12	-57.00	12.12	PK	Vertical	ERP
4	128.345	34.29	-113.22	-78.93	-57.00	21.93	PK	Vertical	ERP
5	156.187	34.85	-114.72	-79.87	-57.00	22.87	PK	Vertical	ERP
6	910.322	28.34	-96.65	-68.31	-57.00	11.31	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\15		
Memo:	Sample Number:S25111416-006		

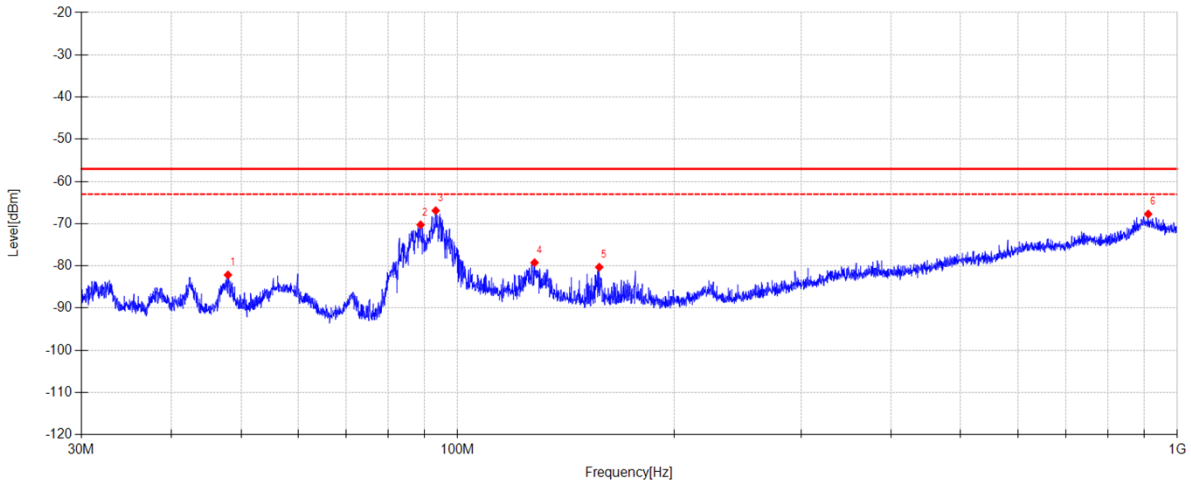


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.021	36.69	-113.91	-77.22	-57.00	20.22	PK	Horizontal	ERP
2	88.509	43.01	-117.97	-74.96	-57.00	17.96	PK	Horizontal	ERP
3	93.092	45.16	-117.35	-72.19	-57.00	15.19	PK	Horizontal	ERP
4	131.719	38.65	-118.20	-79.55	-57.00	22.55	PK	Horizontal	ERP
5	294.805	32.81	-111.85	-79.04	-57.00	22.04	PK	Horizontal	ERP
6	916.727	29.20	-99.79	-70.59	-57.00	13.59	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\16		
Memo:	Sample Number:S25111416-006		

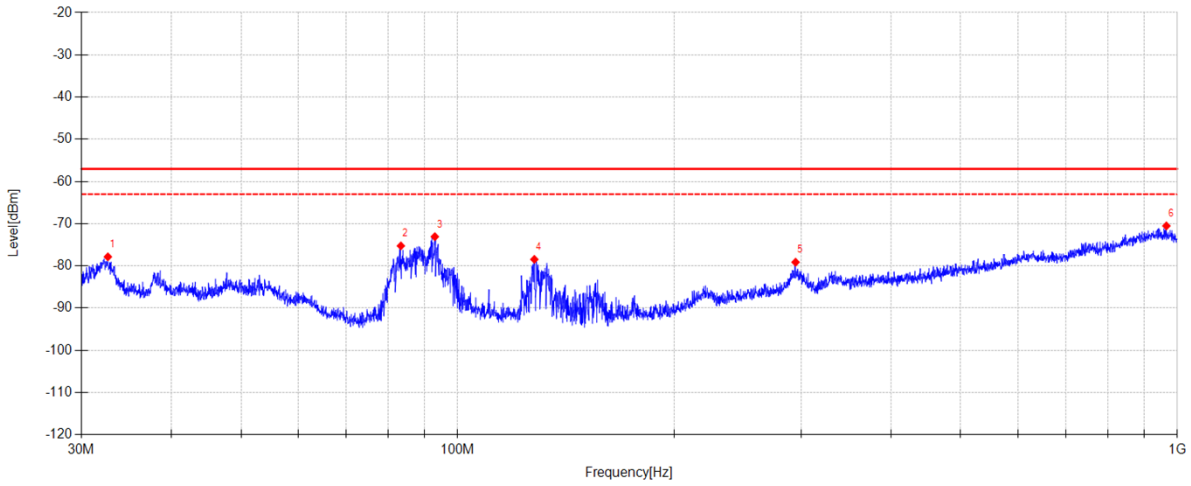


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	47.956	33.97	-116.10	-82.13	-57.00	25.13	PK	Vertical	ERP
2	88.820	43.34	-113.60	-70.26	-57.00	13.26	PK	Vertical	ERP
3	93.223	45.57	-112.47	-66.90	-57.00	9.90	PK	Vertical	ERP
4	127.896	33.97	-113.19	-79.22	-57.00	22.22	PK	Vertical	ERP
5	157.286	34.44	-114.73	-80.29	-57.00	23.29	PK	Vertical	ERP
6	910.960	28.94	-96.66	-67.72	-57.00	10.72	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\17		
Memo:	Sample Number:S25111416-006		

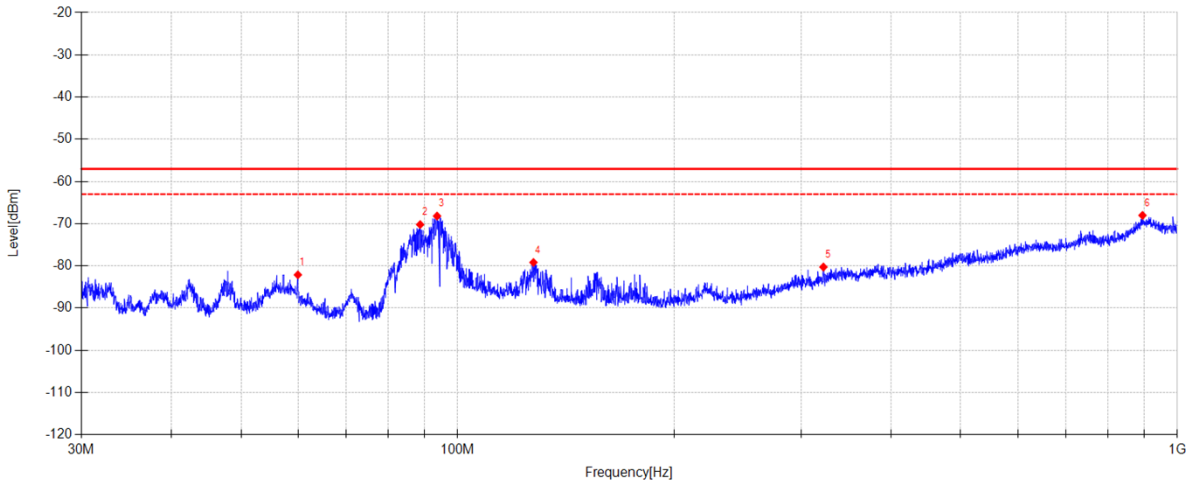


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.656	35.95	-113.79	-77.84	-57.00	20.84	PK	Horizontal	ERP
2	83.388	43.06	-118.31	-75.25	-57.00	18.25	PK	Horizontal	ERP
3	92.962	44.31	-117.38	-73.07	-57.00	16.07	PK	Horizontal	ERP
4	127.807	39.50	-117.95	-78.45	-57.00	21.45	PK	Horizontal	ERP
5	294.805	32.73	-111.85	-79.12	-57.00	22.12	PK	Horizontal	ERP
6	965.549	28.57	-99.09	-70.52	-57.00	13.52	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Below 1G 5.8G\18		
Memo:	Sample Number:S25111416-006		

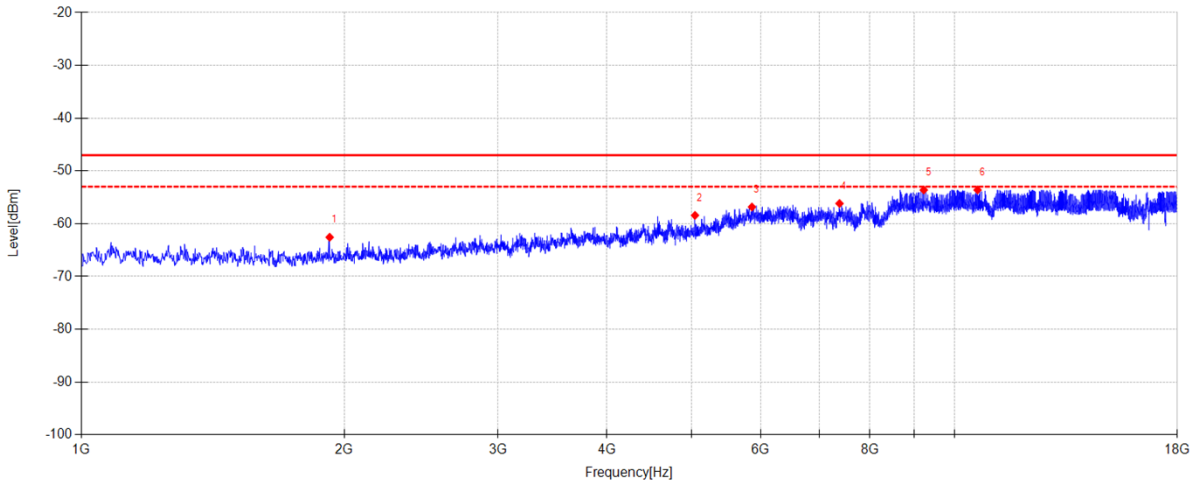


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	59.977	33.73	-115.84	-82.11	-57.00	25.11	PK	Vertical	ERP
2	88.695	43.46	-113.66	-70.20	-57.00	13.20	PK	Vertical	ERP
3	93.616	44.22	-112.40	-68.18	-57.00	11.18	PK	Vertical	ERP
4	127.449	33.98	-113.15	-79.17	-57.00	22.17	PK	Vertical	ERP
5	322.262	29.00	-109.26	-80.26	-57.00	23.26	PK	Vertical	ERP
6	894.504	28.85	-96.87	-68.02	-57.00	11.02	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\23		
Memo:	Sample Number:S25111416-006		

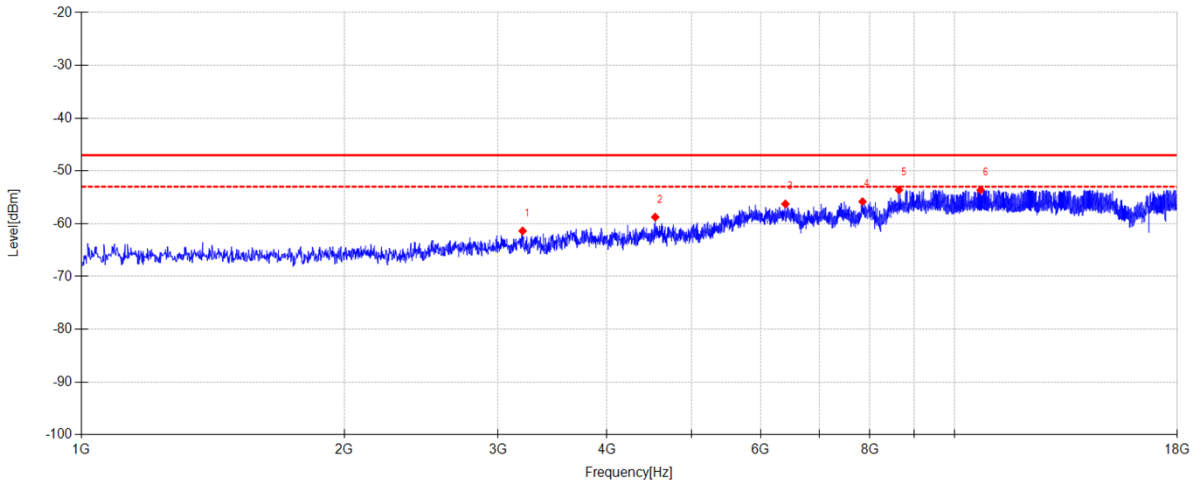


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1924.800	42.26	-104.82	-62.56	**-47.00**	15.56	RMS	Horizontal	EIRP
2	5044.300	40.02	-98.44	-58.42	**-47.00**	11.42	RMS	Horizontal	EIRP
3	5862.000	38.06	-94.88	-56.82	**-47.00**	9.82	RMS	Horizontal	EIRP
4	7385.200	37.71	-93.88	-56.17	**-47.00**	9.17	RMS	Horizontal	EIRP
5	9222.900	35.63	-89.23	-53.60	**-47.00**	6.60	RMS	Horizontal	EIRP
6	10628.800	35.60	-89.20	-53.60	**-47.00**	6.60	RMS	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5729MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\24		
Memo:	Sample Number:S25111416-006		

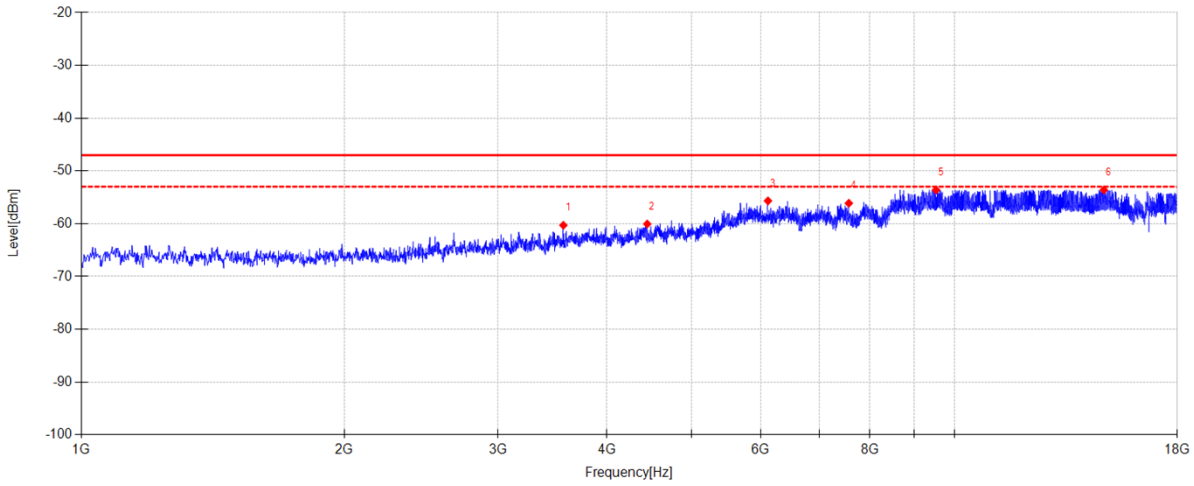


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3201.500	41.20	-102.57	-61.37	**-47.00**	14.37	RMS	Vertical	EIRP
2	4542.800	41.34	-100.09	-58.75	**-47.00**	11.75	RMS	Vertical	EIRP
3	6402.600	38.10	-94.35	-56.25	**-47.00**	9.25	RMS	Vertical	EIRP
4	7847.600	37.21	-93.02	-55.81	**-47.00**	8.81	RMS	Vertical	EIRP
5	8638.100	37.21	-90.84	-53.63	**-47.00**	6.63	RMS	Vertical	EIRP
6	10713.800	34.84	-88.46	-53.62	**-47.00**	6.62	RMS	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\21		
Memo:	Sample Number:S25111416-006		

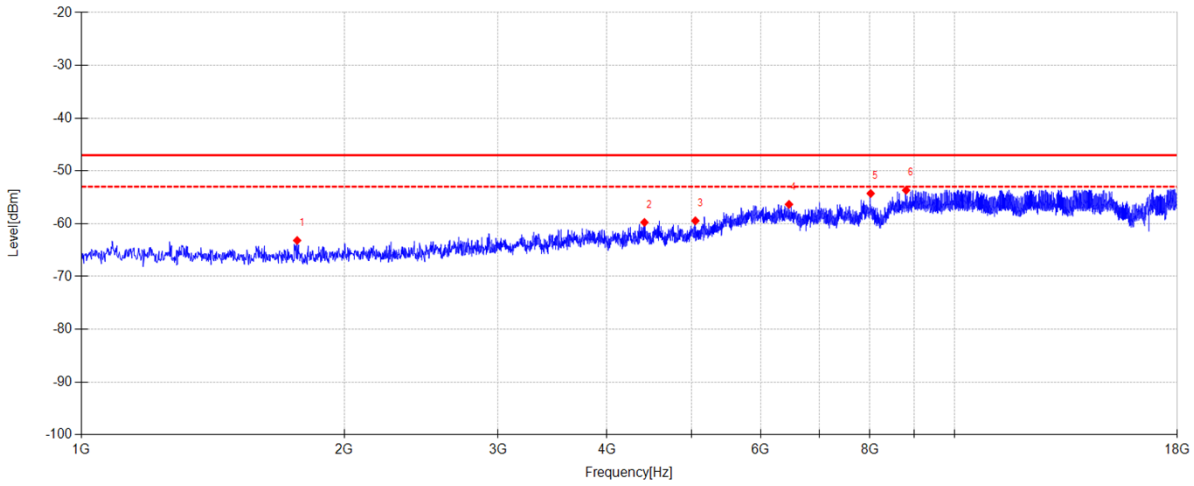


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	3565.300	41.67	-101.97	-60.30	**-47.00**	13.30	RMS	Horizontal	EIRP
2	4447.600	40.00	-100.05	-60.05	**-47.00**	13.05	RMS	Horizontal	EIRP
3	6115.300	38.61	-94.27	-55.66	**-47.00**	8.66	RMS	Horizontal	EIRP
4	7568.800	37.54	-93.66	-56.12	**-47.00**	9.12	RMS	Horizontal	EIRP
5	9527.200	35.35	-88.95	-53.60	**-47.00**	6.60	RMS	Horizontal	EIRP
6	14831.200	32.03	-85.63	-53.60	**-47.00**	6.60	RMS	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5787MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\22		
Memo:	Sample Number:S25111416-006		

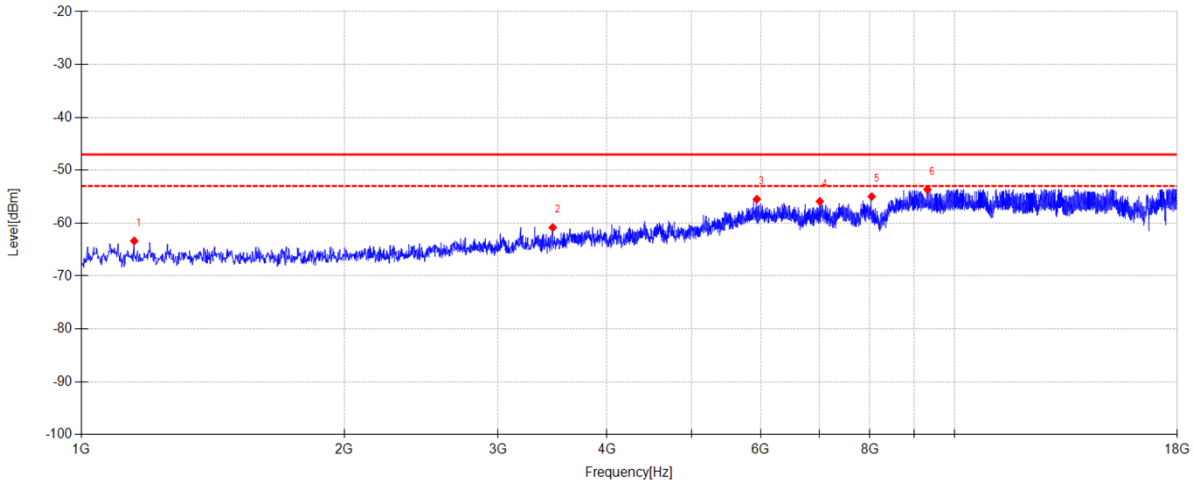


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1766.700	41.36	-104.53	-63.17	**-47.00**	16.17	RMS	Vertical	EIRP
2	4415.300	40.60	-100.35	-59.75	**-47.00**	12.75	RMS	Vertical	EIRP
3	5049.400	39.44	-98.89	-59.45	**-47.00**	12.45	RMS	Vertical	EIRP
4	6463.800	38.03	-94.36	-56.33	**-47.00**	9.33	RMS	Vertical	EIRP
5	8017.600	38.42	-92.69	-54.27	**-47.00**	7.27	RMS	Vertical	EIRP
6	8803.000	36.70	-90.36	-53.66	**-47.00**	6.66	RMS	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\19		
Memo:	Sample Number:S25111416-006		

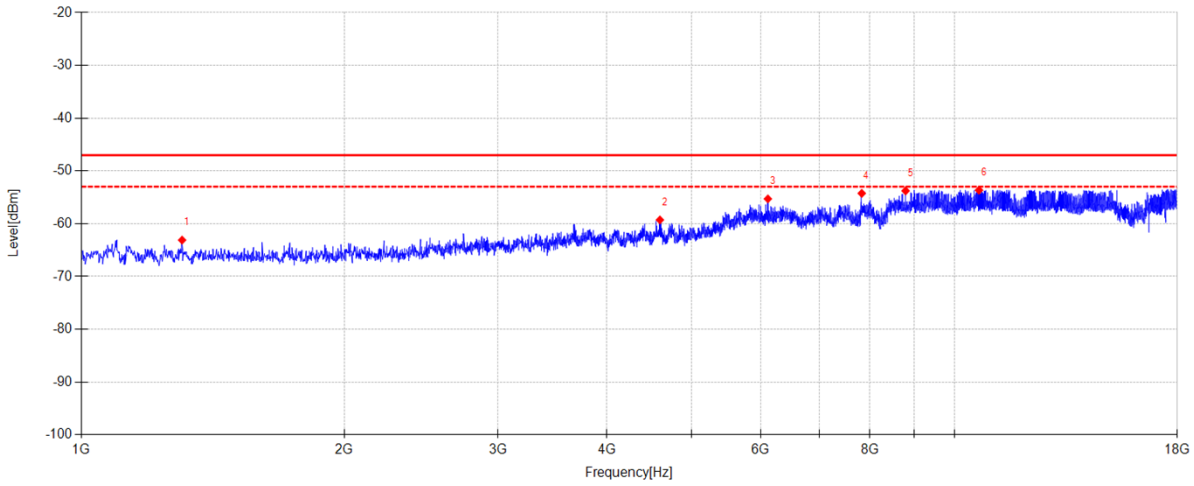


Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1149.600	41.44	-104.81	-63.37	**-47.00**	16.37	RMS	Horizontal	EIRP
2	3466.700	41.32	-102.15	-60.83	**-47.00**	13.83	RMS	Horizontal	EIRP
3	5938.500	39.07	-94.54	-55.47	**-47.00**	8.47	RMS	Horizontal	EIRP
4	7011.200	38.46	-94.34	-55.88	**-47.00**	8.88	RMS	Horizontal	EIRP
5	8039.700	38.03	-93.00	-54.97	**-47.00**	7.97	RMS	Horizontal	EIRP
6	9311.300	35.51	-89.14	-53.63	**-47.00**	6.63	RMS	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:	2025-12-11	**Tested By**:	Li Xiongbin
Test Mode:	RX SRD 5845MHz Mode	**Power Supply**:	AC 120V/60Hz
Condition:	Temp:22.9°C;Humi:45.9%	**Test Site**:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25111416-2E\CE Above 1G 5.8G\20		
Memo:	Sample Number:S25111416-006		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1304.300	41.36	-104.46	-63.10	**-47.00**	16.10	RMS	Vertical	EIRP
2	4598.900	40.69	-99.97	-59.28	**-47.00**	12.28	RMS	Vertical	EIRP
3	6113.600	38.97	-94.26	-55.29	**-47.00**	8.29	RMS	Vertical	EIRP
4	7830.600	38.80	-93.04	-54.24	**-47.00**	7.24	RMS	Vertical	EIRP
5	8791.100	36.62	-90.39	-53.77	**-47.00**	6.77	RMS	Vertical	EIRP
6	10667.900	34.85	-88.50	-53.65	**-47.00**	6.65	RMS	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.

5 Appendix B.5: Adjacent channel selectivity

Signal A	Signal B	Blocking level (dBm)	Limit(dBm)	Result
Operation Frequency	**Blocking Frequency**			
5787MHz	upper and lower adjacent channels	-40.21	-30 dBm + k	Pass
	upper and lower adjacent channels	-39.65	-30 dBm + k	Pass

Note:
k=-20logf-10logBW

Operation Frequency	Channel bandwidth (MHz)	*k*(dBm)
5787MHz	6.00	-23.03

Note:

1. The method of coupling to the receiver is conducted method.
2. The manufacturer declares the following receiver performance criteria: When the unwanted signal is below or at a particular level, our product shall work normally; but when the unwanted signal is above the particular level, the work mode of our product may be changed, for example, from off mode to on mode.

6 Appendix B.6: Blocking or desensitization

FSK 5787

Signal A	Signal B	Blocking level (dBm)	Limit (dBm)	Verdict
Operation Frequency	Blocking Frequency			
5787MHz	-50BW	--40.85	-45 dBm + k	Pass
	-20BW	-41.14	-45 dBm + k	Pass
	-10BW	-41.99	-45 dBm + k	Pass
	+10BW	-40.56	-45 dBm + k	Pass
	+20BW	-39.05	-45 dBm + k	Pass
	+50BW	-38.94	-45 dBm + k	Pass

Note:
k=-20logf-10logBW

Operation Frequency	Channel bandwidth (MHz)	k (dBm)
5787MHz	6.00	-23.03

Note:

1. The method of coupling to the receiver is conducted method.
2. The manufacturer declares the following receiver performance criteria: When the unwanted signal is below or at a particular level, our product shall work normally; but when the unwanted signal is above the particular level, the work mode of our product may be changed, for example, from off mode to on mode.