



Test Report No:  
2570523R-RFNAV02S-K

## TEST REPORT FCC Rules&Regulations

Product Name	Telematics Platform 2
Brand Name	PCI, LHP Telematics
Model No.	PCI-TP2
FCC ID	LY5-PCITP2V2
Applicant's Name / Address	PCI Private Limited 35 Pioneer Road North Singapore 628475 Singapore
Manufacturer's Name / Address (1)	PCI Private Limited 35 Pioneer Road North Singapore 628475 Singapore
Manufacturer's Name / Address (2)	LHP Telematics, LLC 17406 Tiller Court, Suite 100 Westfield, Indiana 46074, United States
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart E Section 15.407 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	<i>Jennie She</i> Jennie She
Approved By	<i>Allen Lin</i> Allen Lin
Date of Receipt	Aug. 05, 2024
Date of Issue	Aug. 27, 2025
Report Version	V1.0

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## Competences and Guarantees

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DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

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## General Conditions

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1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## Revision History

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Version	Description	Issued Date
V1.0	Initial issue of report	Aug. 27, 2025

## Permissive Change

Report No.	Version	Description	Issued Date
2480097R-RFUSV03S-A	V1.0	Original application.	Oct. 18, 2024
2570523R-RFNAV02S-K	V1.0	<p><u>Class I Permissive Change:</u></p> <ol style="list-style-type: none"> <li>1. Add the Brand Name "LHP Telematics".</li> <li>2. Add a new manufacturer "LHP Telematics, LLC".</li> </ol> <p>After evaluation, it is not necessary to re-test and all test data was from original report.</p>	Aug. 27, 2025

## Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
-	AC Power Line Conducted Emission	N/A	Note
3	Emission Bandwidth	PASS	-
4	Maximum Conducted Output Power	PASS	-
5	Maximum Power Spectral Density	PASS	-
6	Transmitter Radiated Spurious Emission	PASS	-

**Note:**

It was supplied power by DC-Powered for EUT. It's not necessary to apply to AC Power Line Conducted Emission test.

### Comments and Explanations

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

## Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer..

## 1. General Information

### 1.1. EUT Description

Frequency Range	5150 ~ 5250 MHz 5250 ~ 5350 MHz 5470 ~ 5725 MHz 5725 ~ 5850 MHz	
Operating Frequency / Channel Number	IEEE 802.11a IEEE 802.11n/ac (20 MHz)	5180 ~ 5240 MHz / 4 Channels 5260 ~ 5320 MHz / 4 Channels 5500 ~ 5720 MHz / 12 Channels 5745 ~ 5825 MHz / 5 Channels
	IEEE 802.11n/ac (40 MHz)	5190 ~ 5230 MHz / 2 Channels 5270 ~ 5310 MHz / 2 Channels 5510 ~ 5710 MHz / 6 Channels 5755 ~ 5795 MHz / 2 Channels
	IEEE 802.11ac (80 MHz)	5210 MHz / 1 Channel 5290 MHz / 1 Channel 5530 ~ 5690 MHz / 3 Channels 5775 MHz / 1 Channel
Type of Modulation	IEEE 802.11a/n	OFDM-BPSK, QPSK, 16QAM, 64QAM
	IEEE 802.11ac	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM

Antenna Information							
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)			
				U-NII 1	U-NII 2A	U-NII 2C	U-NII 3
1	Green Antenna	GADWIFI-DP01	FPC	3.07	2.85	4.67	4.53

### 1.2. EUT Information

EUT Power Type	From DC power supply			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
TPC Function	<input type="checkbox"/>	With TPC Function	<input checked="" type="checkbox"/>	Without TPC Function
Vehicle Support Options	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Weather Band (5600 ~ 5650 MHz)	<input checked="" type="checkbox"/>	With 5600 ~ 5650 MHz	<input type="checkbox"/>	Without 5600 ~ 5650 MHz
Beamforming Function	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
Product Type	<input type="checkbox"/>	Outdoor AP	<input type="checkbox"/>	Indoor AP
	<input type="checkbox"/>	Fixed P2P AP	<input checked="" type="checkbox"/>	Client

### 1.3. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 412172 D01 v01r01

### 1.4. Testing Location Information

Testing Location Information	
Test Laboratory : DEKRA Testing and Certification Co., Ltd.	
1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001      FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001      FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.
Test site number for address 1 includes HC-SR02 and HC-CB10. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.	

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted Emission	HC-SR12	Clemens Fang	21.5~25.5 / 55~61	2024/08/10~2024/08/16
Radiated Emission	HC-CB04	Ling Chen Cyril Chen	20~25 / 60~65	2024/08/09~2024/08/16
Radiated Emissions Co-location	HC-CB02	Scott Chang Gary Liao	22~25 / 51~58.5	2024/08/12~2024/08/16

## 1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Test Item	Uncertainty
Emission Bandwidth	± 636.54 Hz
Maximum Conducted Output Power	± 1.16 dB
Maximum Power Spectral Density	± 2.47 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz

## 1.6. List of Test Equipment

### HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19

### HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2024/05/17	2025/05/16
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2024/06/11	2025/06/10
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18EN	1G-18GHz	2023/11/17	2024/11/16
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	EMCI	EMC01820I	980364	30M-8 GHz,20 dB	2024/06/04	2025/06/03
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2024/07/16	2025/07/15
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
EMI Test Receiver	R&S	ESR7	102260	10 Hz-7 GHz	2023/11/27	2024/11/26
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2023/10/13	2024/10/12
Coaxial Cable(11m)	Suhner	SF102_SF104	HC-CB04	30M-18 GHz	2023/08/08	2024/08/07
Coaxial Cable(11m)	Suhner	SF102_SF104	HC-CB04	30M-18 GHz	2024/08/07	2025/08/06
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB04-1	18G-40 GHz	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB04-1	18G-40 GHz	2024/08/13	2025/08/12
Radiated Software	Audix	e3 V9	HC-CB04_1	N/A	N/A	N/A

## HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2023/10/03	2024/10/02
EXA Signal Analyzer	Keysight	N9010A	MY51440132	10 Hz-44 GHz	2023/12/11	2024/12/10
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2024/04/29	2025/04/28
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2024/04/02	2025/04/01
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2024/04/23	2025/04/22
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
Radio Communication Tester	Anritsu	MT8821C	6261915489	LTE & Cat.M1 & NB-IOT	2023/10/30	2024/10/29
Coaxial Cable(13m)	Suhner	SF104	HC-CB02	30M-18 GHz	2024/08/07	2025/08/06
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2024/08/13	2025/08/12
Radiated Software	Audix	e3 V9	HC-CB02_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

## 2. Test Configuration of EUT

### 2.1. Test Condition

EUT Operational Condition	
Testing Voltage	DC 12V

### 2.2. Test Frequency Mode

Test Software	DutApiSisoACDualIf
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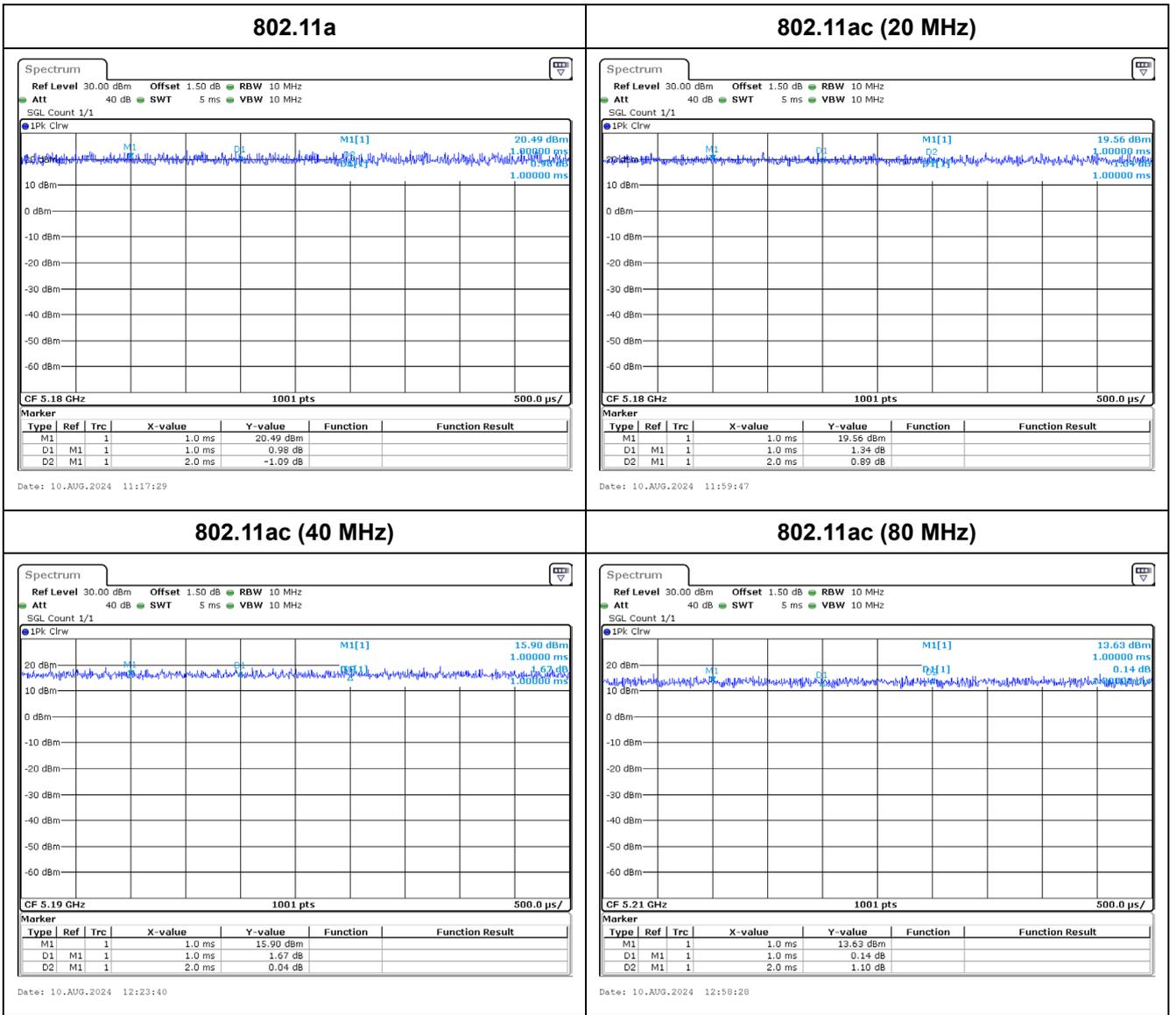
Modulation	Frequency (MHz)	Power Setting
802.11a	5180	13.0
	5220	13.0
	5240	13.0
	5260	13.0
	5300	13.0
	5320	13.0
	5500	13.0
	5580	15.0
	5700	15.0
	5720	16.0
	5745	17.0
	5785	16.0
	5825	15.0
802.11ac (20 MHz)	5180	13.0
	5220	13.0
	5240	13.0
	5260	13.0
	5300	13.0
	5320	13.0
	5500	13.0
	5580	15.0
	5700	15.0
	5720	17.0
	5745	17.0
	5785	16.0
	5825	15.0

Modulation	Frequency (MHz)	Power Setting
802.11ac (40 MHz)	5190	15.0
	5230	16.0
	5270	16.0
	5310	14.0
	5510	15.0
	5550	16.0
	5670	16.0
	5710	18.0
	5755	19.0
	5795	18.0
802.11ac (80 MHz)	5210	15.0
	5290	13.0
	5530	14.0
	5610	16.0
	5690	17.0
	5755	17.0

### 2.3. Duty Cycle

Modulation	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	-	-	100.00	0.000	0.010
802.11ac (20 MHz)	-	-	100.00	0.000	0.010
802.11ac (40 MHz)	-	-	100.00	0.000	0.010
802.11ac (80 MHz)	-	-	100.00	0.000	0.010

Note: The duty factor will compensation encompasses for the total power spectral density.



## 2.4. The Worst Case Measurement Configuration

Tests Item	Emission Bandwidth Maximum Conducted Output Power Maximum Power Spectral Density
Test Condition	Conducted measurement at transmit chains

Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Transmit
Operating Mode > 1GHz	Transmit
The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at Z axis, so the measurement will follow this same test configuration.	

Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Transmit
1	WWAN LTE + WiFi 2.4 GHz
2	WWAN LTE + WiFi 5 GHz
3	WWAN LTE + Bluetooth
Refer to Appendix F for Radiated Emission Co-location.	

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	WWAN LTE + WiFi 2.4 GHz
2	WWAN LTE + WiFi 5 GHz
3	WWAN LTE + Bluetooth
Refer to DEKRA Test Report No.: 2570523R-RFNAV02S-M for Co-location RF Exposure Evaluation.	

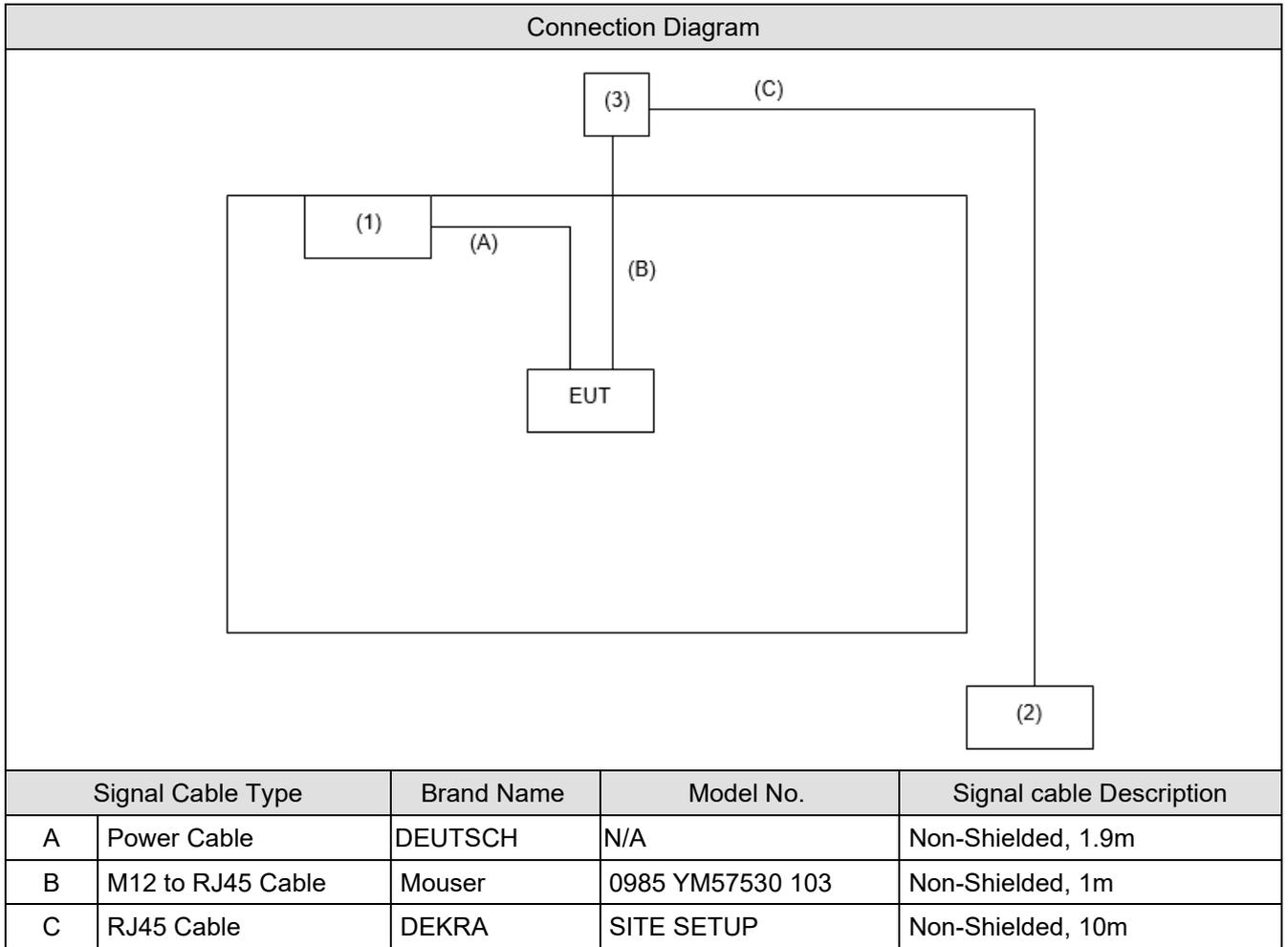
### Note:

- Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- The modulation and bandwidth are similar for 802.11n mode for HT20/HT40, 802.11ac mode for VHT20/VHT40/VHT80, therefore investigated worst case to representative mode in test report.

### 2.5. Tested System Details

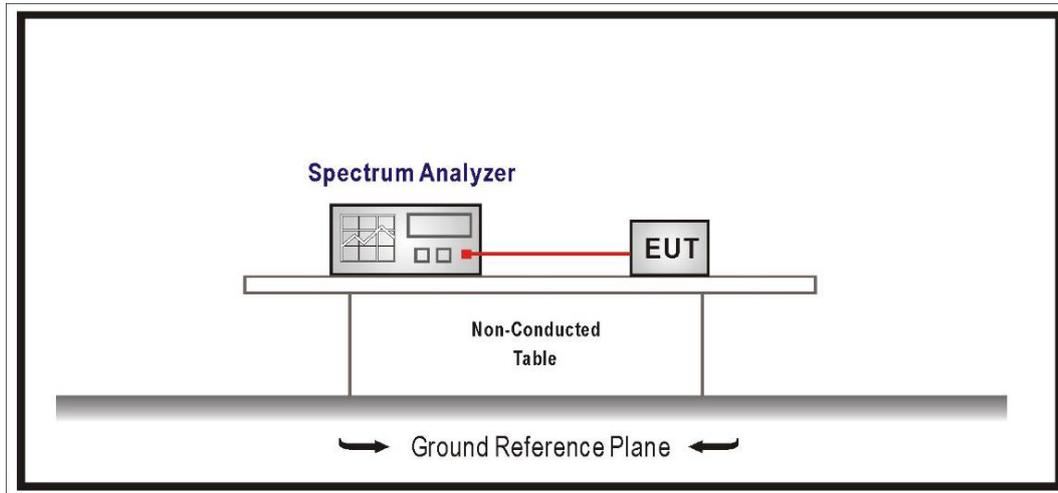
No.	Equipment	Brand Name	Model No.	Serial No.
1	DC Power supply	Topward	6303D	809497
2	Notebook	Lenovo	80T7	PF0MEEB0
3	Network cable connector	DEKRA	Z7	N/A

### 2.6. Configuration of tested System



### 3. Emission Bandwidth

#### 3.1. Test Setup



#### 3.2. Test Limit

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500kHz

#### 3.3. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

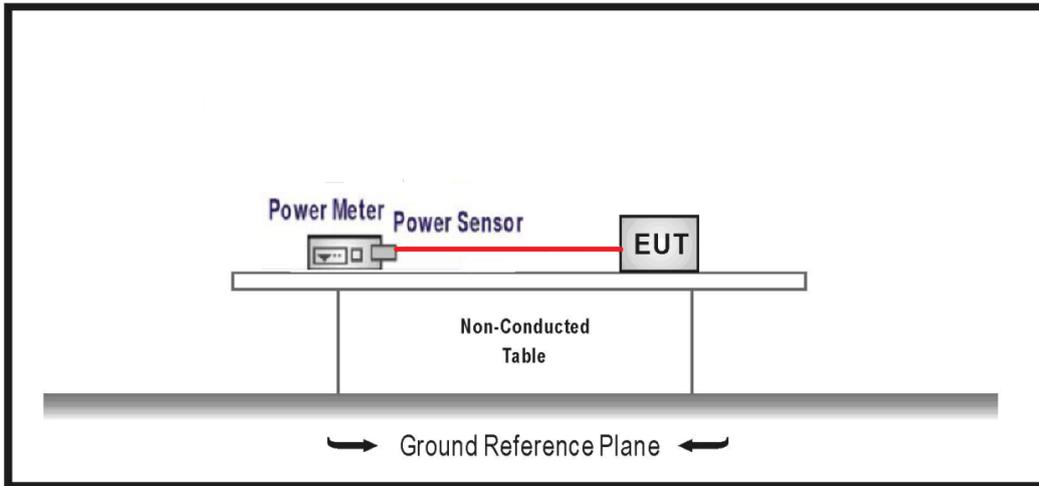
Set RBW = 100kHz, VBW  $\geq$  3xRBW, Sweep time=Auto, Set Peak detector.

#### 3.4. Test Result of Emission Bandwidth

Refer as Appendix A

## 4. Maximum Conducted Output Power

### 4.1. Test Setup



### 4.2. Test Limit

1. For an outdoor access point and an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
2. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
3. For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4. For the band 5.850–5.895 GHz:

For an indoor access point, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.

For client devices, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

For a subordinate device, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.

### 4.3. Test Procedure

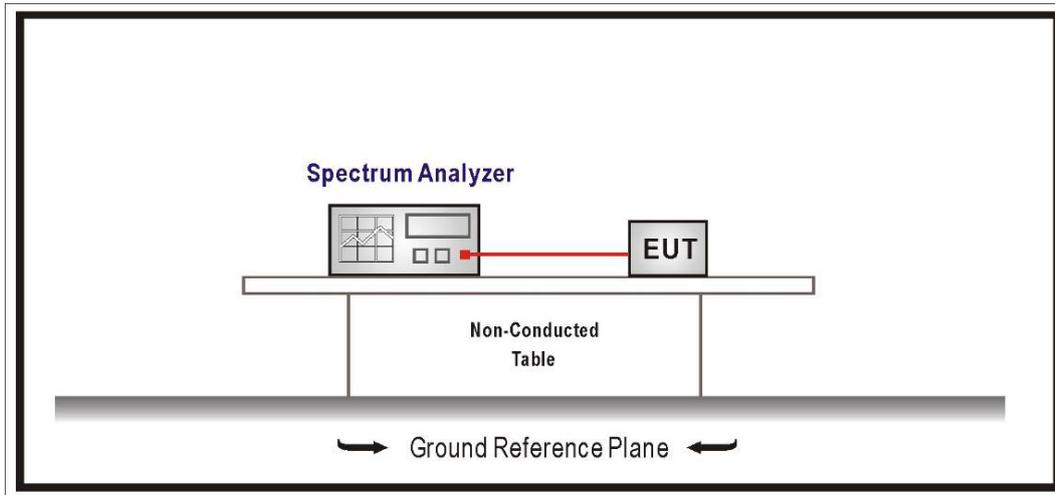
The EUT was setup to ANSI C63.10: 2013; tested according to U-NII test procedure of KDB 789033.

### 4.4. Test Result of Maximum Conducted Output Power

Refer as Appendix B

## 5. Maximum Power Spectral Density

### 5.1. Test Setup



### 5.2. Test Limit

1. For the band 5.15 ~ 5.25 GHz, the peak power spectral density shall not exceed 17 dBm in any 1 MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15 ~ 5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi
3. For the 5.25 ~ 5.35 GHz ,5470 ~ 5600 MHz and 5650 ~ 5725 MHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725 ~ 5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
5. The frequency band 5.850 ~ 5.895 GHz:  
For an indoor access point operating in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1–megahertz band.  
For client devices operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band.  
For a subordinate device operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p in any 1–megahertz band.

### **5.3. Test Procedure**

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.

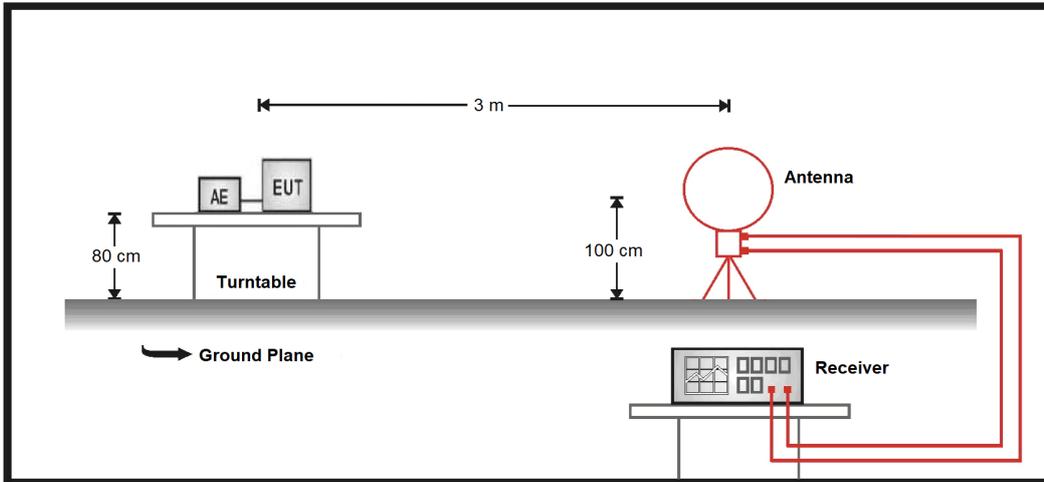
### **5.4. Test Result of Maximum Power Spectral Density**

Refer as Appendix C

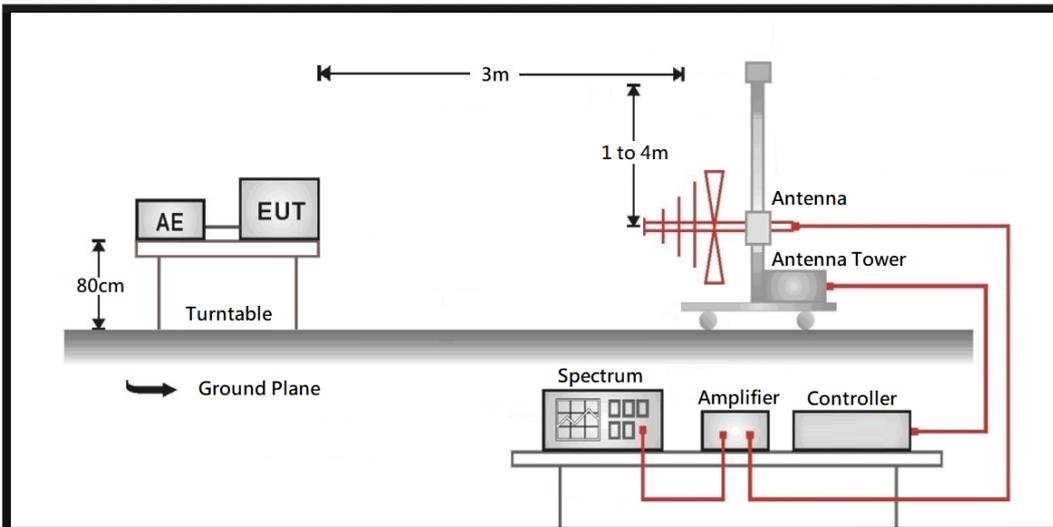
## 6. Transmitter Radiated Spurious Emission

### 6.1. Test Setup

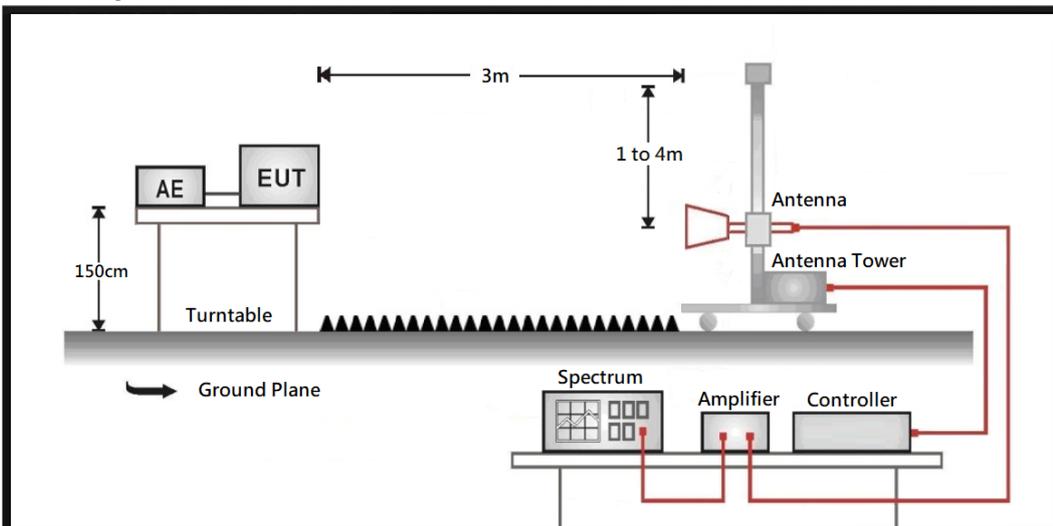
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



## 6.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

### Unwanted Emission out of the restricted bands Test Limit

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength (dBuV/m@3m)
5150 – 5250	-27	68.2
5250 – 5350	-27	68.2
5470 – 5725	-27	68.2
5725 – 5850	-27 <sup>*1</sup>	68.2 <sup>*1</sup>
	10 <sup>*2</sup>	105.2 <sup>*2</sup>
	15.6 <sup>*3</sup>	110.8 <sup>*3</sup>
	27 <sup>*4</sup>	122.2 <sup>*4</sup>
5850 – 5895	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.	
<sup>*1</sup> beyond 75 MHz or more above of the band edge. <sup>*2</sup> below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. <sup>*3</sup> below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. <sup>*4</sup> from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

Remark:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts).}$$

### 6.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter below 1 GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

The bandwidth below 1 GHz setting on the field strength meter is 120 kHz, above 1 GHz are 1 MHz.

The frequency range from 9 kHz to 10th harmonics and included The frequency range from the lowest oscillator frequency generated within the device up to the 10th harmonic was checked is checked.

### 6.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix D

## Appendix A. Test Result of Emission Bandwidth

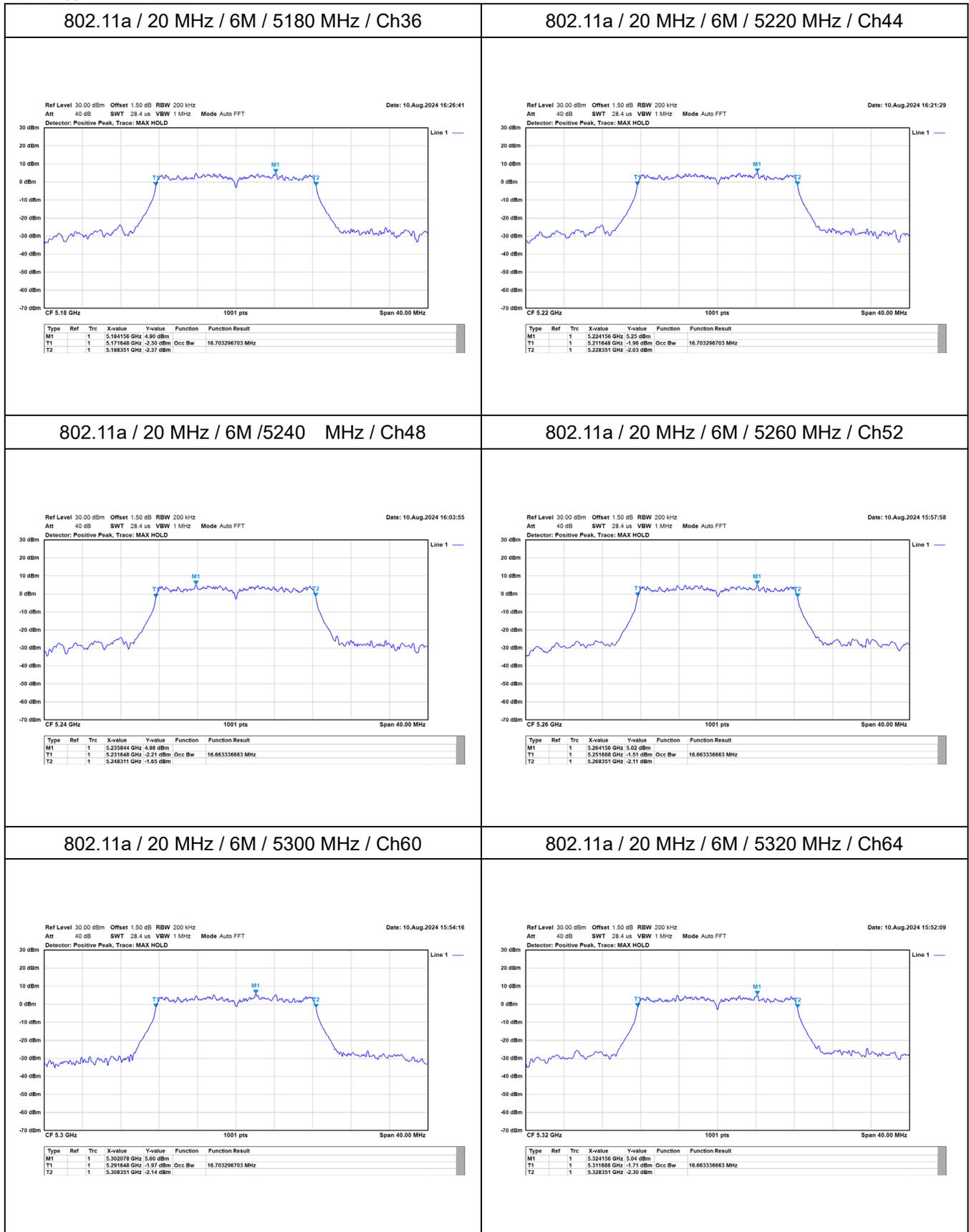
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	
				99% & 26dB Bandwidth	
802.11a	5180	16.70	19.72	-	
	5220	16.70	19.76	-	
	5240	16.66	19.84	-	
	5260	16.66	19.64	-	
	5300	16.70	19.60	-	
	5320	16.66	19.68	-	
	5500	16.66	19.64	-	
	5580	16.90	26.52	-	
	5700	16.70	19.92	-	
	5720 (U-NII-2C)	13.35	14.92	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Bandwidth	DTS Bandwidth
802.11a	5720 (U-NII-3)	3.27	3.28	-	0.50
	5745	19.82	16.56	-	0.50
	5785	16.82	16.60	-	0.50
	5825	16.74	16.56	-	0.50

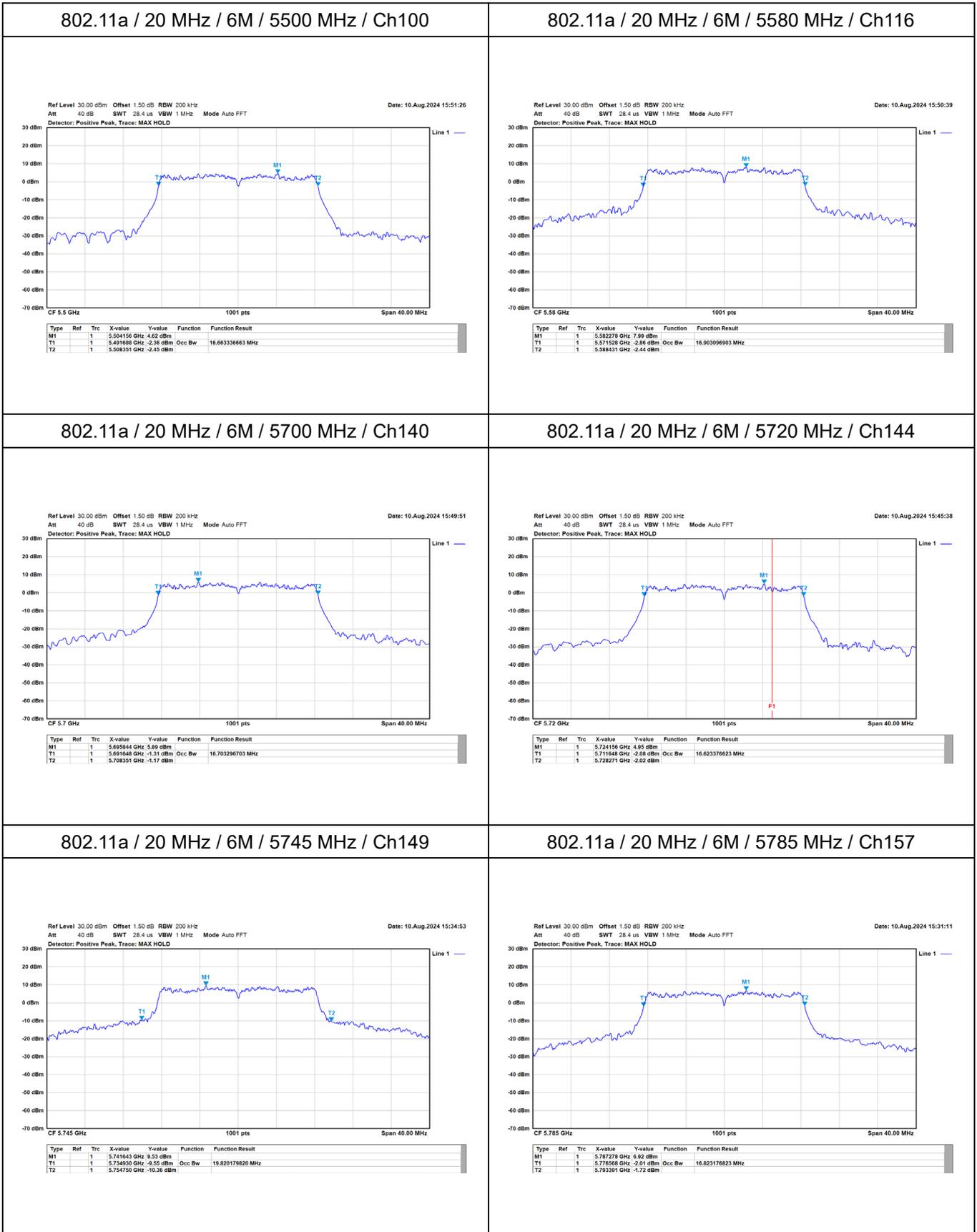
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	
				99% & 26dB Bandwidth	
802.11ac (20 MHz)	5180	17.66	20.04	-	
	5220	17.66	20.00	-	
	5240	17.66	20.04	-	
	5260	17.66	19.96	-	
	5300	17.66	20.04	-	
	5320	17.70	20.08	-	
	5500	17.66	19.96	-	
	5580	17.74	28.76	-	
	5700	17.66	20.08	-	
	5720 (U-NII-2C)	13.83	15.00	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Bandwidth	DTS Bandwidth
802.11ac (20 MHz)	5720 (U-NII-3)	3.83	3.88	-	0.50
	5745	18.02	17.64	-	0.50
	5785	17.70	17.72	-	0.50
	5825	17.70	17.64	-	0.50

Modulation	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	
				99% & 26dB Bandwidth	
802.11ac (40 MHz)	5190	36.28	40.72	-	
	5230	36.44	42.72	-	
	5270	36.44	46.64	-	
	5310	36.36	41.04	-	
	5510	36.28	40.96	-	
	5550	38.28	79.92	-	
	5670	36.28	40.48	-	
	5710 (U-NII-2C)	33.14	35.64	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Bandwidth	DTS Bandwidth
802.11ac (40 MHz)	5710 (U-NII-3)	3.22	3.24	-	0.50
	5755	47.23	36.40	-	0.50
	5795	45.71	36.40	-	0.50

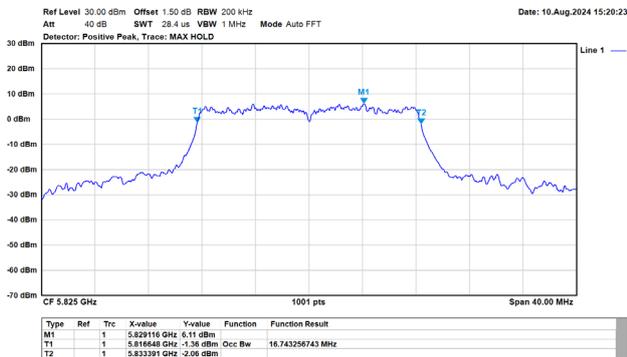
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	
				99% & 26dB Bandwidth	
802.11ac (80 MHz)	5210	76.24	93.12	-	
	5290	76.08	81.76	-	
	5530	76.08	81.76	-	
	5610	76.24	99.52	-	
	5690 (U-NII-2C)	73.36	75.96	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	
				99% Bandwidth	DTS Bandwidth
802.11ac (80 MHz)	5690 (U-NII-3)	3.20	3.24	-	0.50
	5755	76.56	76.48	-	0.50

**For 99% Bandwidth:**

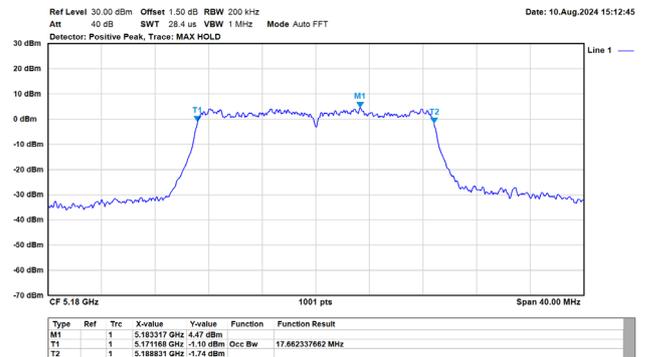




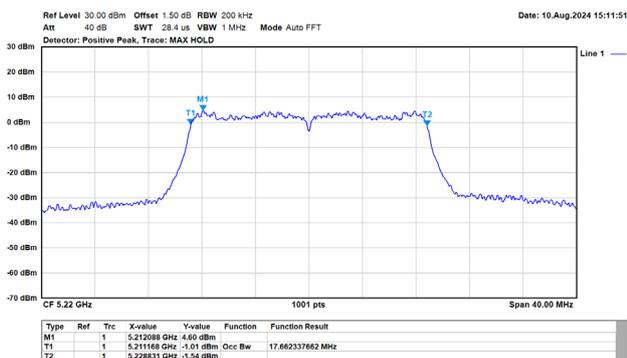
802.11a / 20 MHz / 6M / 5825 MHz / Ch165



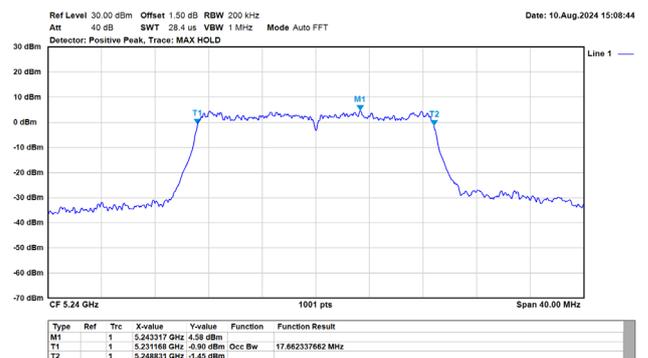
802.11ac / 20 MHz / MCS0 / 5180 MHz / Ch36



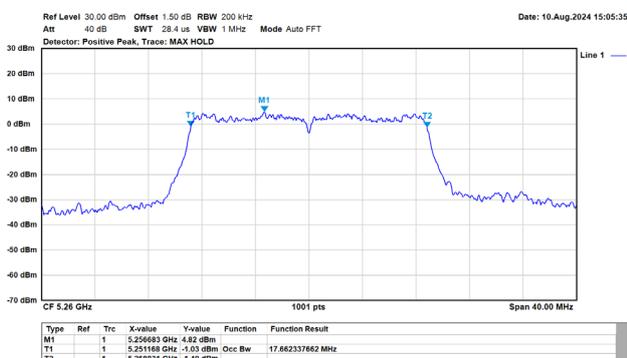
802.11ac / 20 MHz / MCS0 / 5220 MHz / Ch44



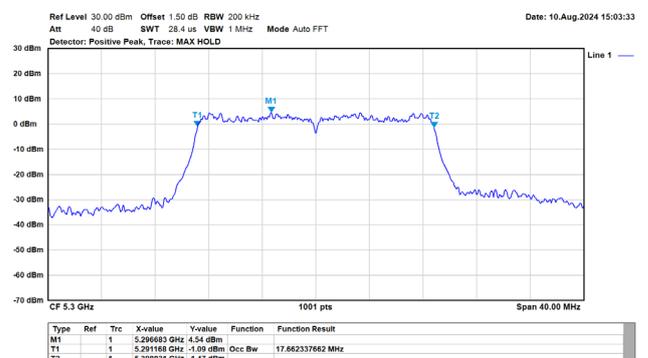
802.11ac / 20 MHz / MCS0 / 5240 MHz / Ch48

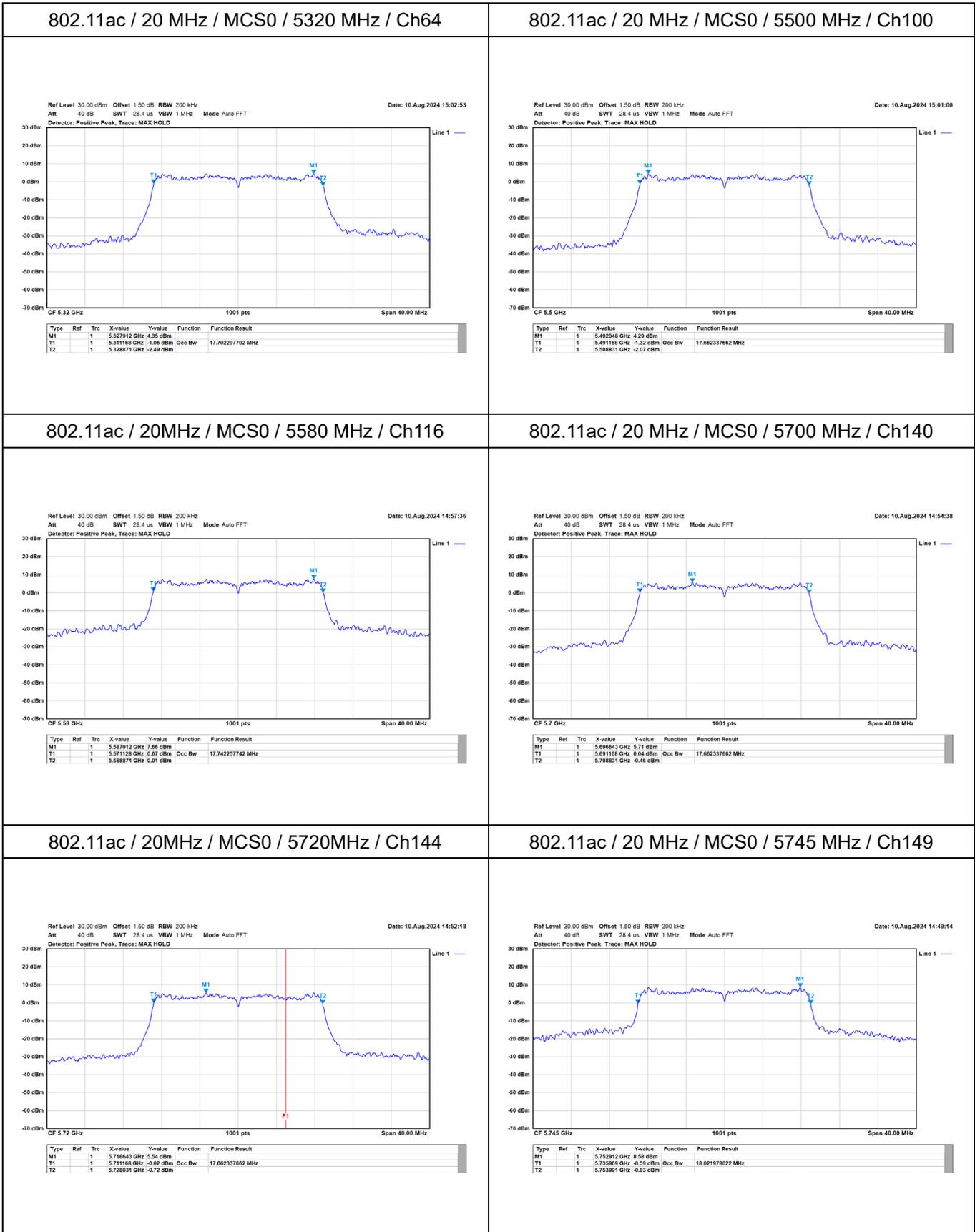


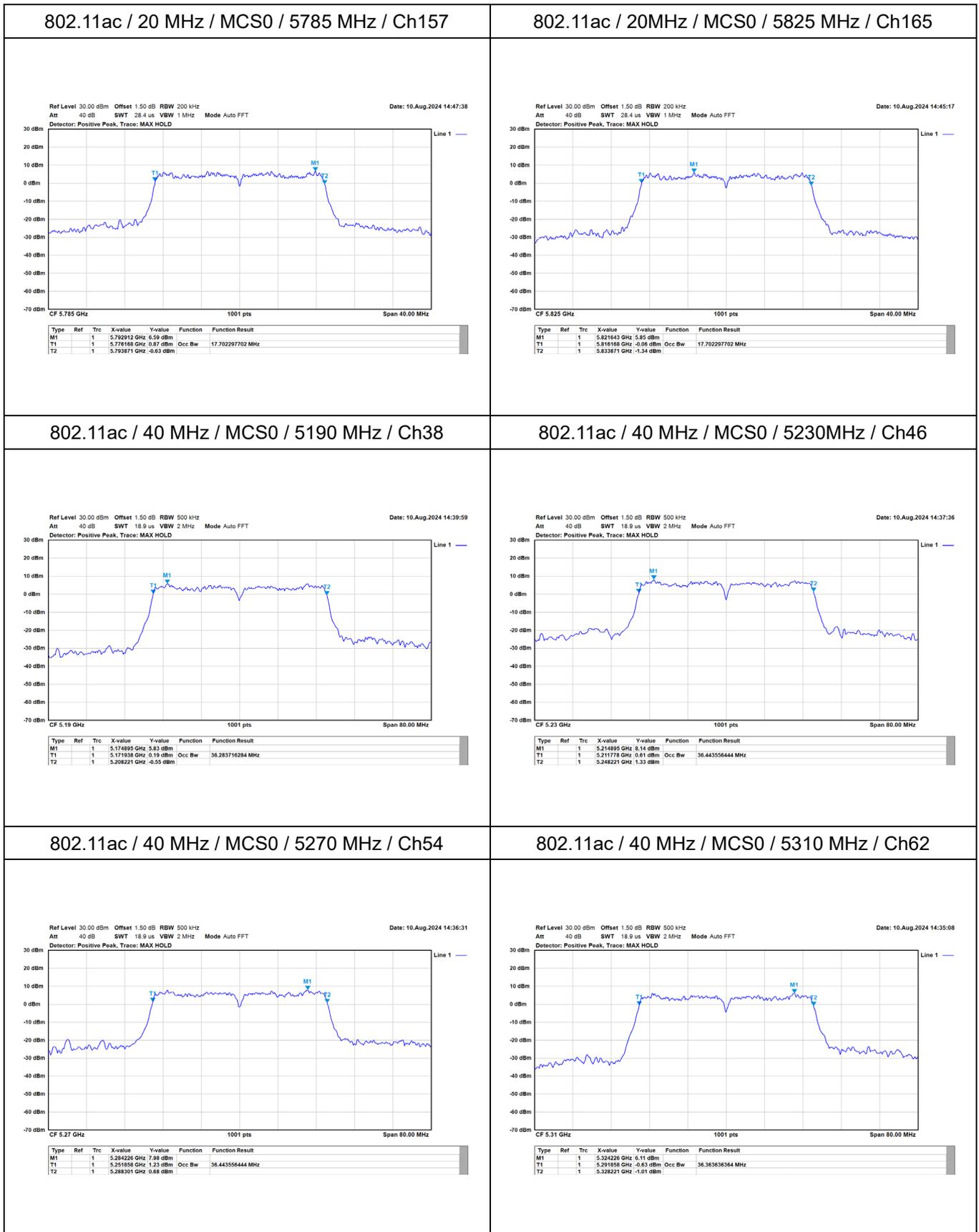
802.11ac / 20 MHz / MCS0 / 5260 MHz / Ch52



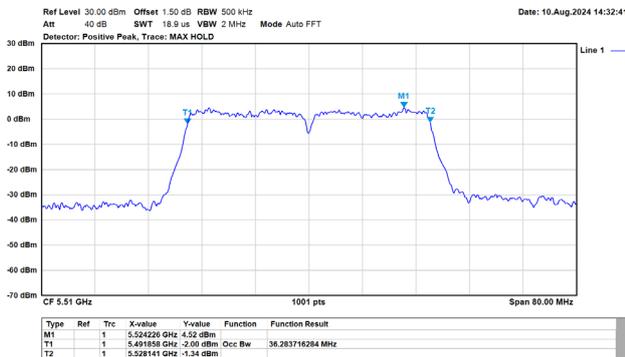
802.11ac / 20 MHz / MCS0 / 5300 MHz / Ch60



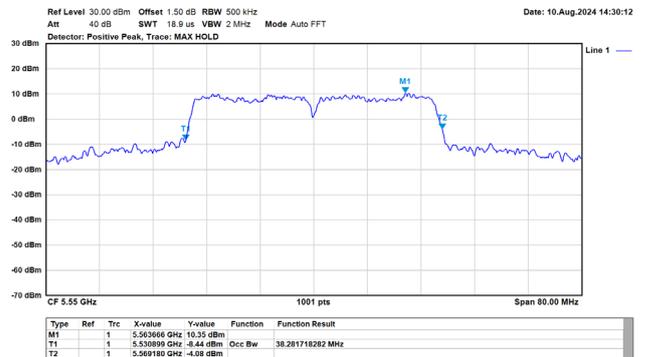




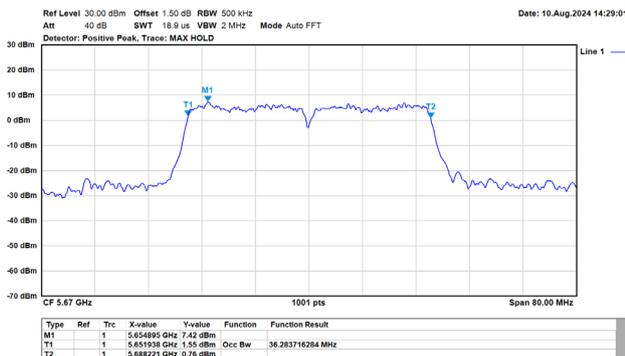
802.11ac / 40 MHz / MCS0 / 5510 MHz / Ch102



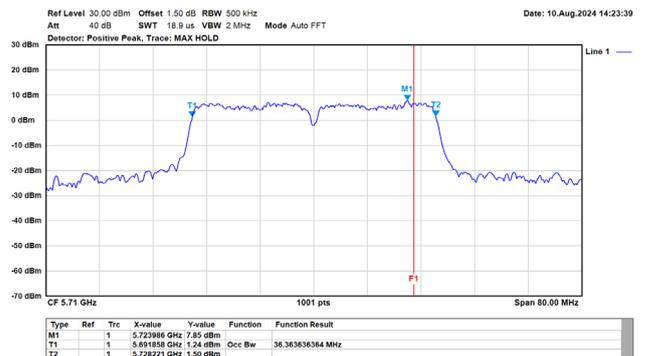
802.11ac / 40 MHz / MCS0 / 5550 MHz / Ch110



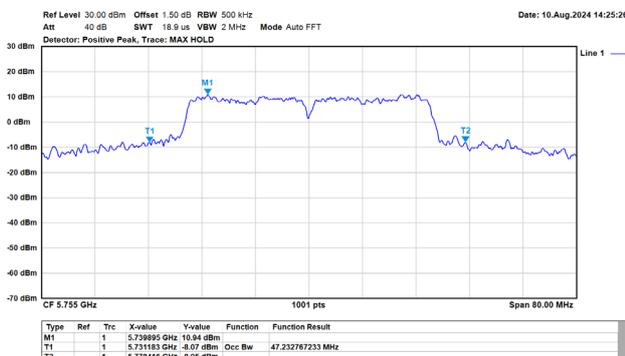
802.11ac / 40 MHz / MCS0 / 5670 MHz / Ch134



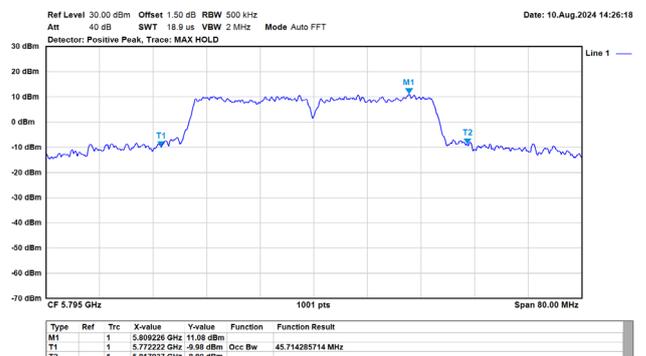
802.11ac / 40 MHz / MCS0 / 5710 MHz / Ch142

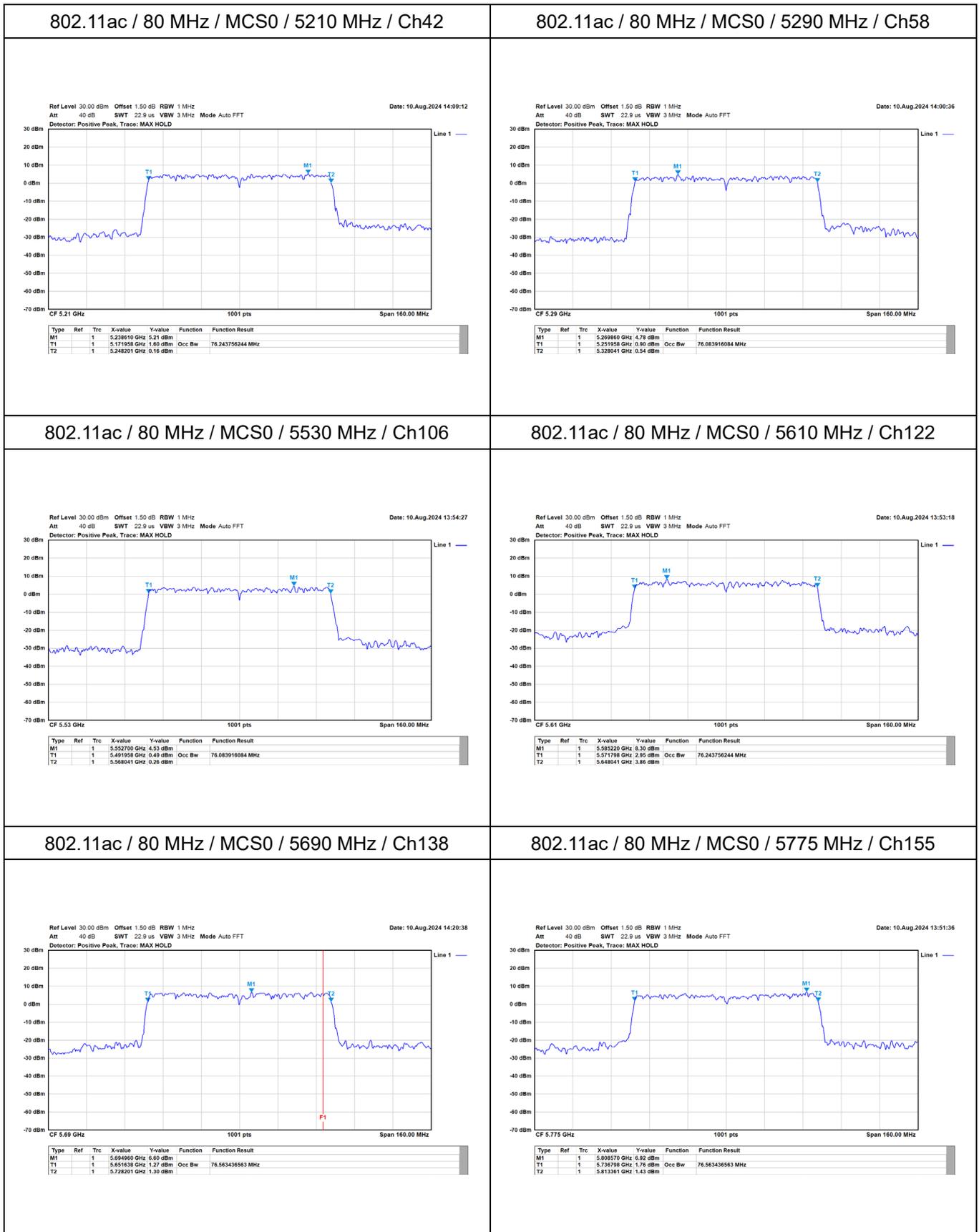


802.11ac / 40 MHz / MCS0 / 5755 MHz / Ch151

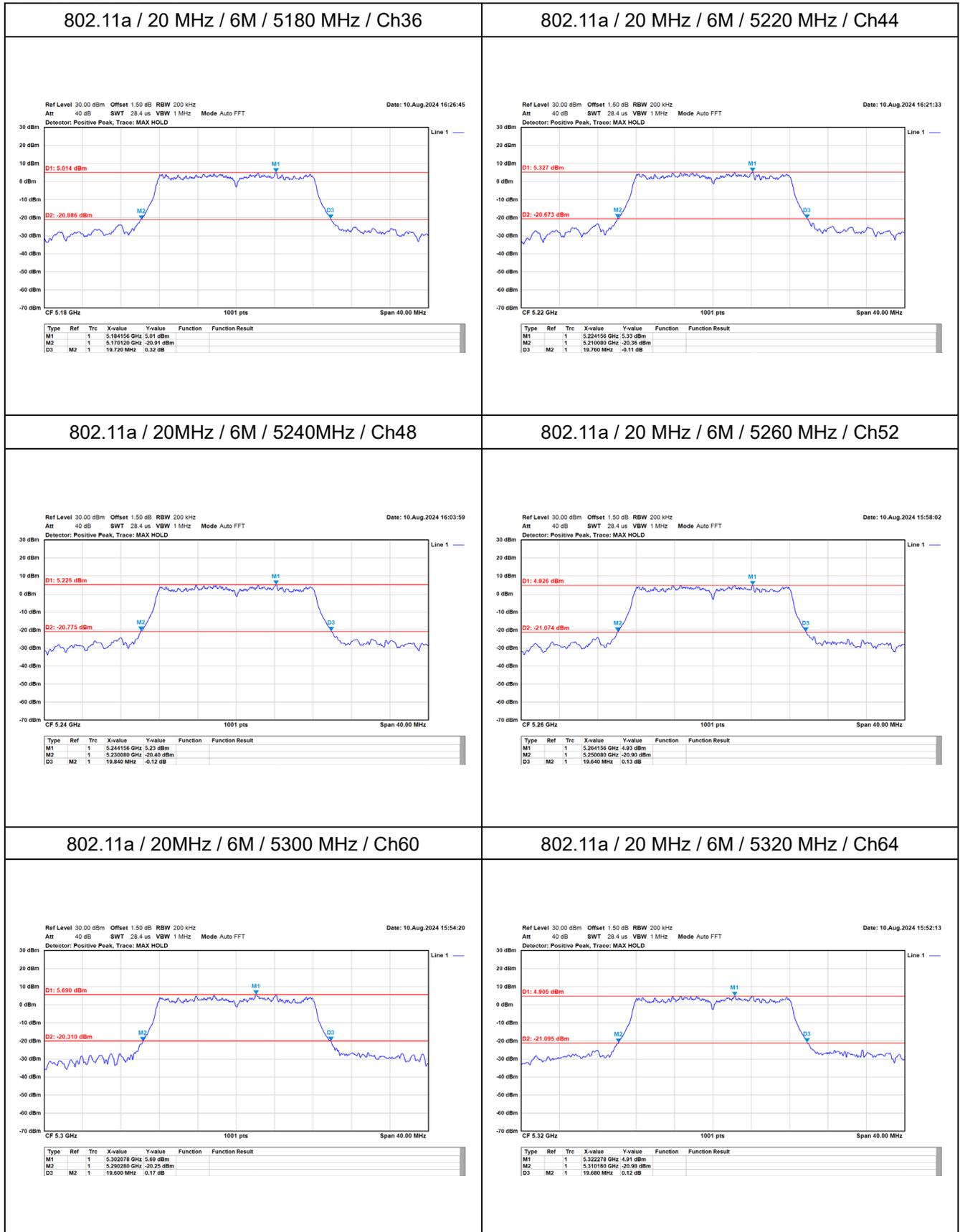


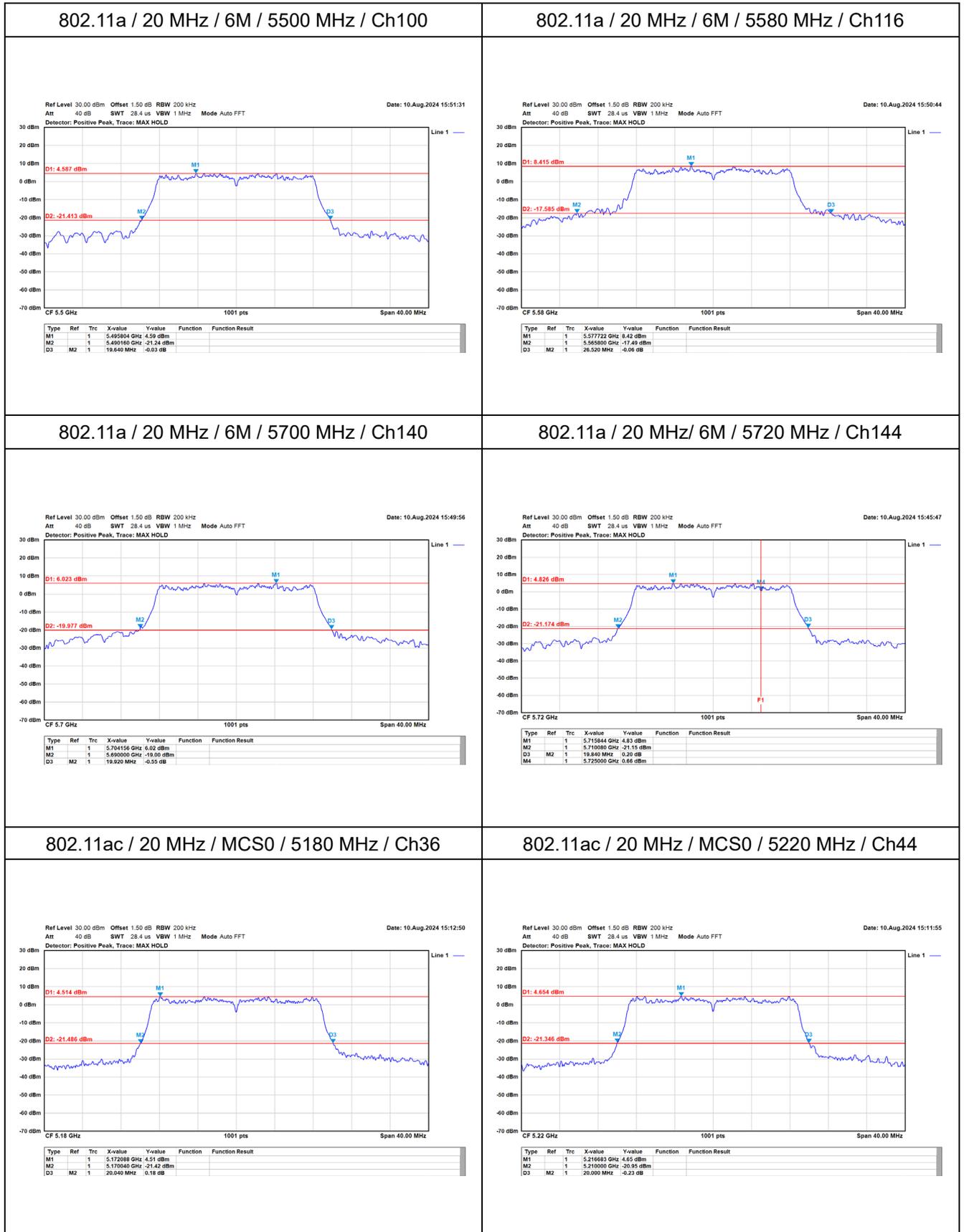
802.11ac / 40 MHz / MCS0 / 5795 MHz / Ch159

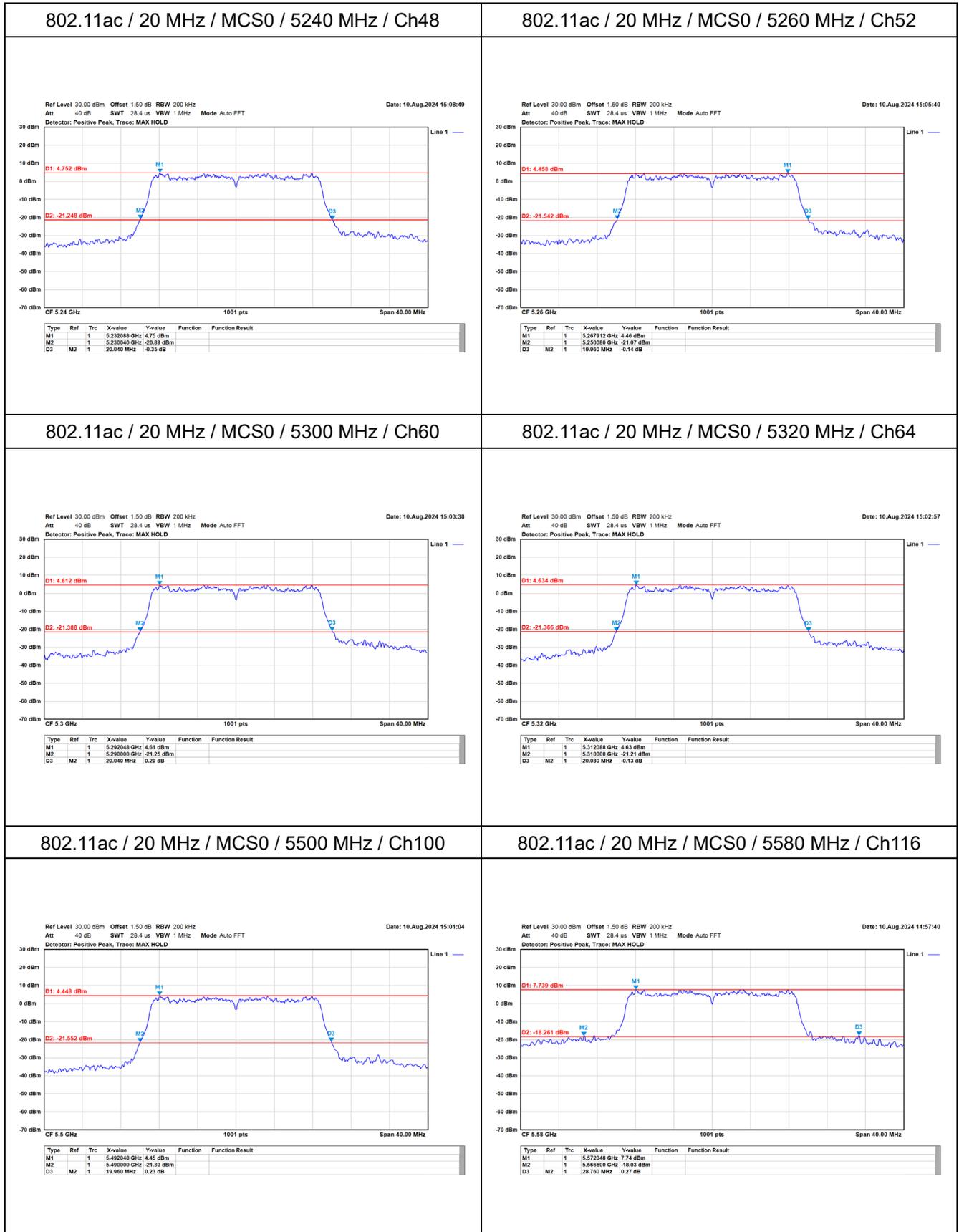




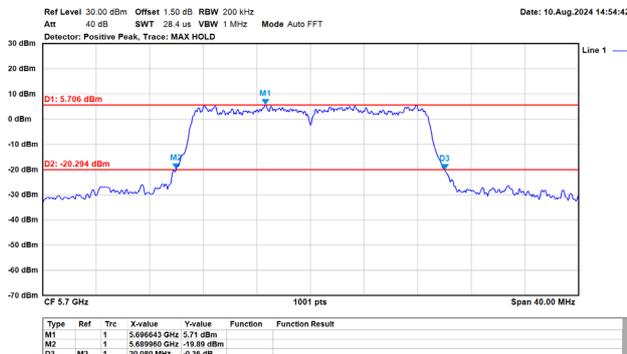
**For 26dB Bandwidth:**



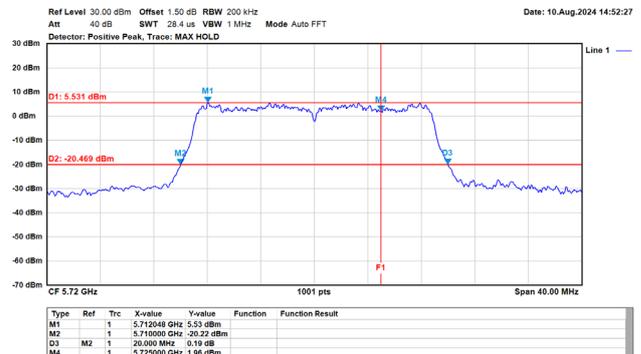




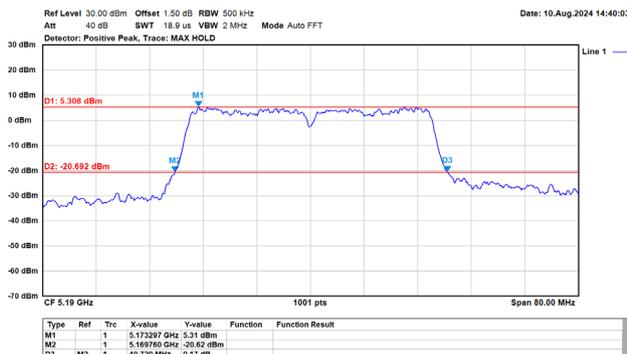
802.11ac / 20 MHz / MCS0 / 5700 MHz / Ch140



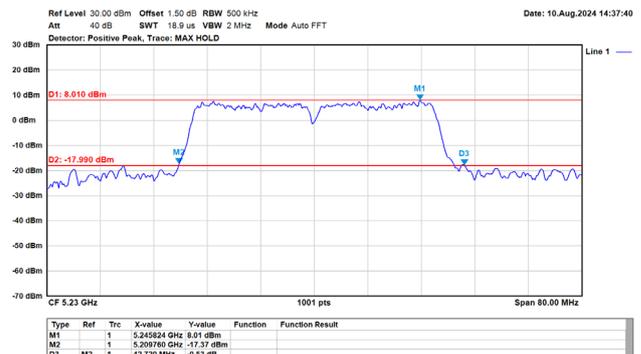
802.11ac / 20 MHz / MCS0 / 5720 MHz / Ch144



802.11ac / 40 MHz / MCS0 / 5190 MHz / Ch38



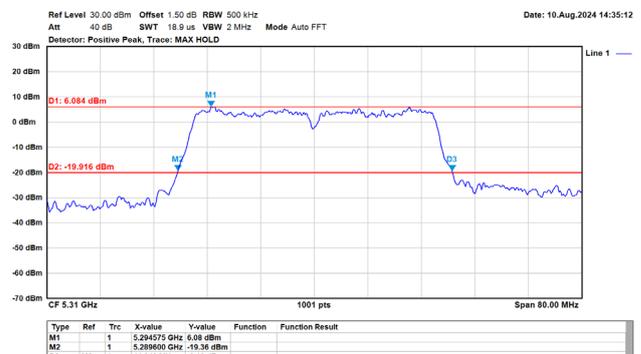
802.11ac / 40 MHz / MCS0 / 5230 MHz / Ch46

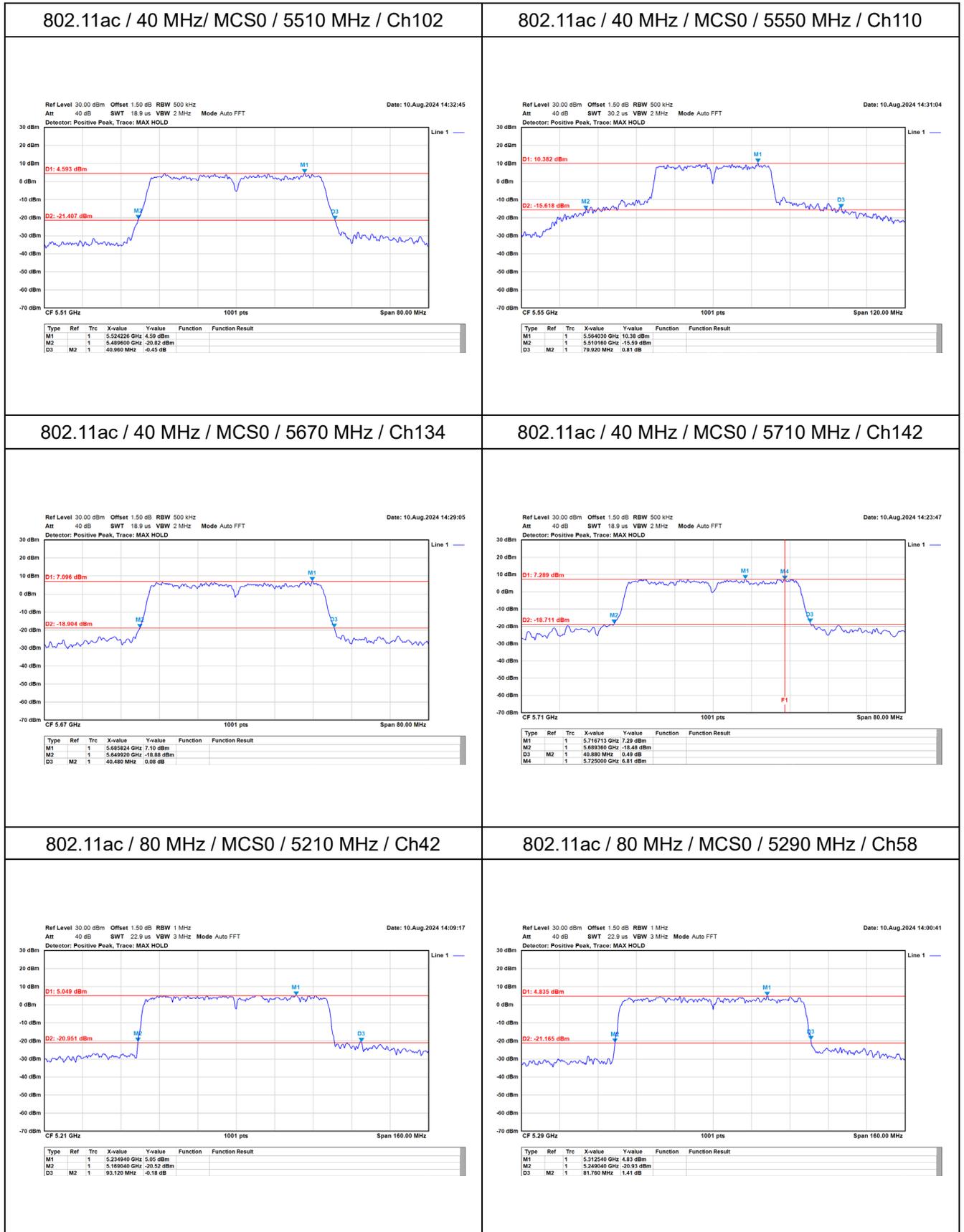


802.11ac / 40 MHz / MCS0 / 5270 MHz / Ch54

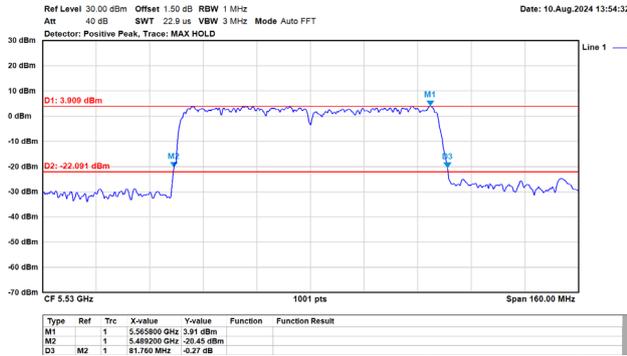


802.11ac / 40MHz / MCS0 / 5310MHz / Ch62

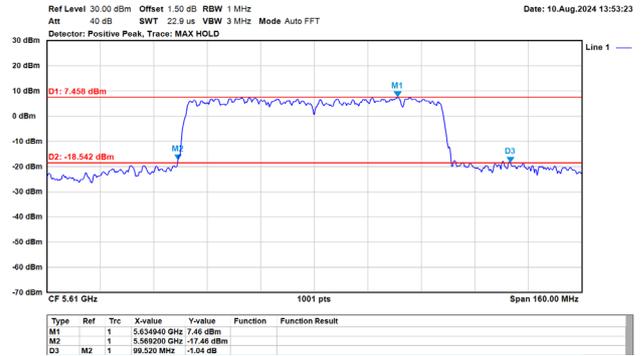




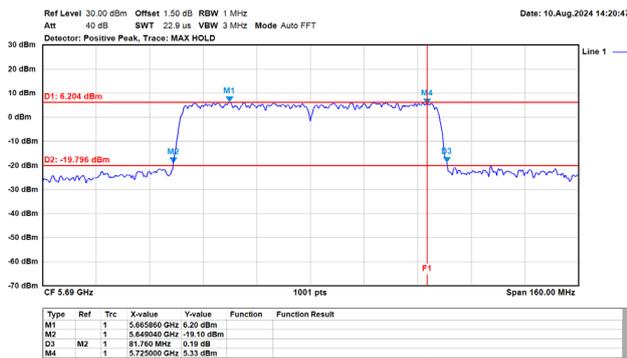
802.11ac / 80 MHz / MCS0 / 5530 MHz / Ch106



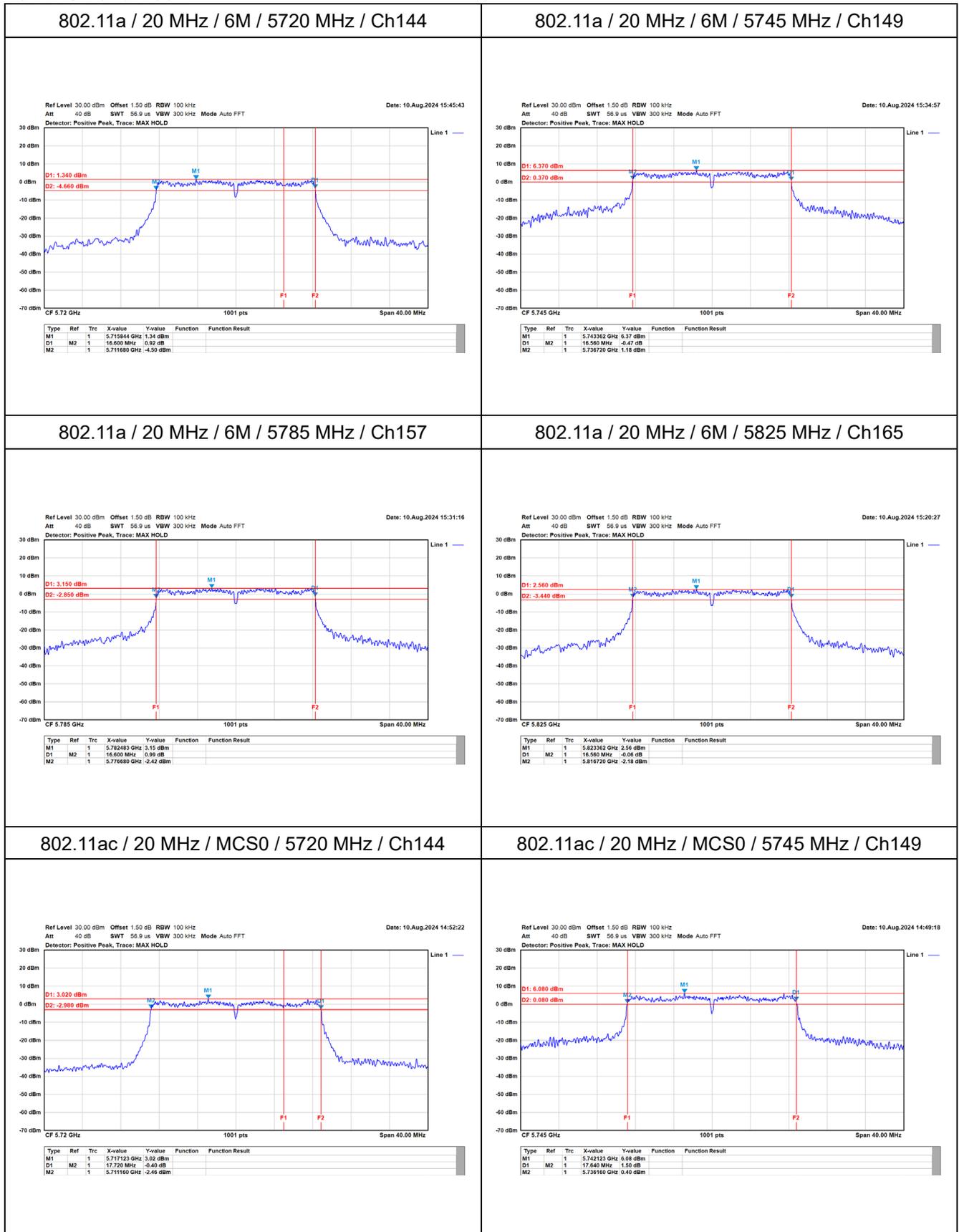
802.11ac / 80 MHz / MCS0 / 5610 MHz / Ch122

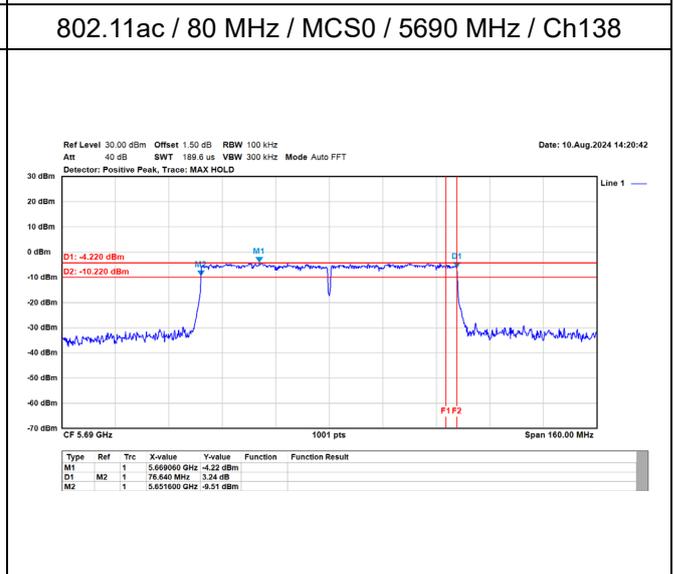
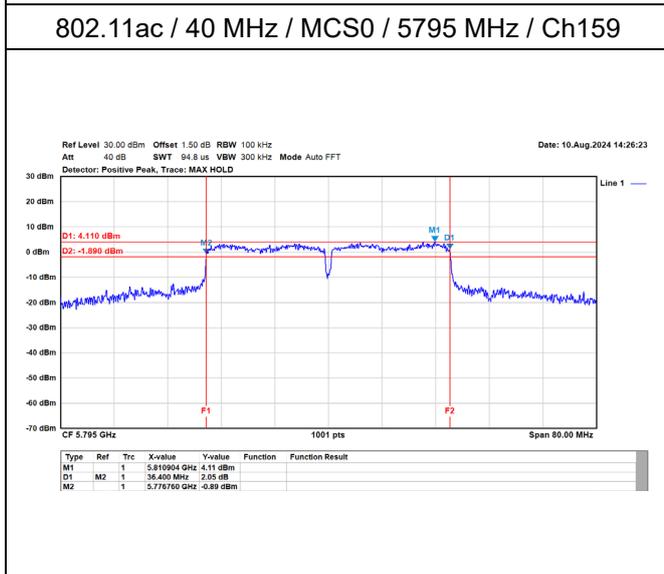
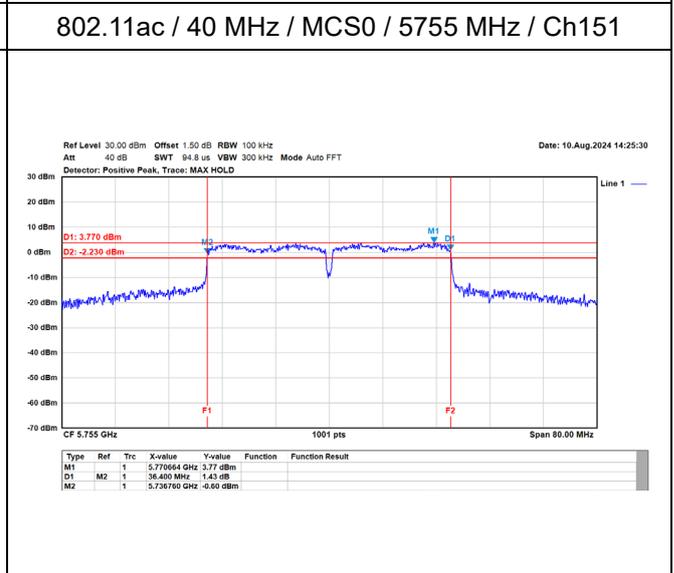
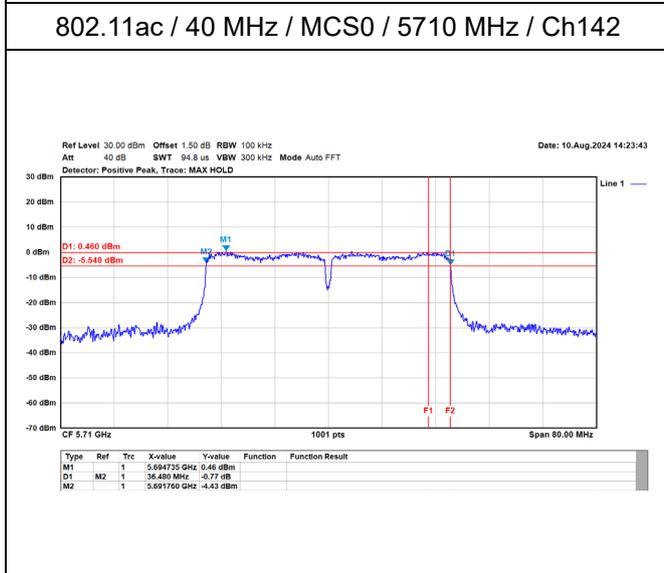
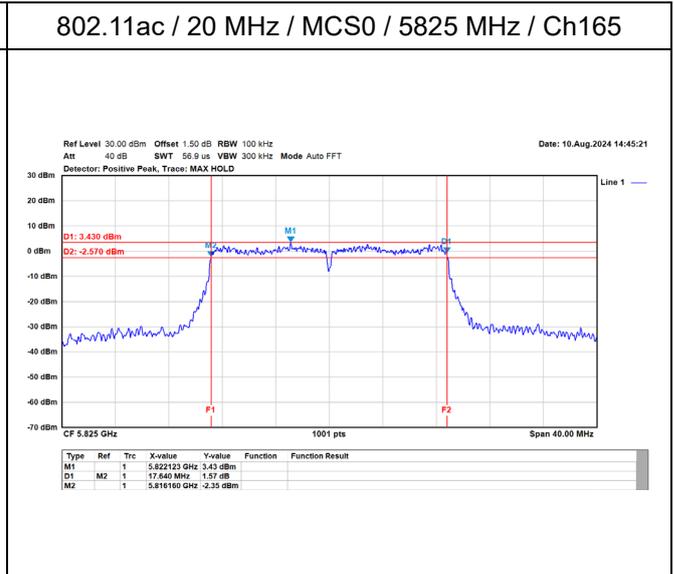
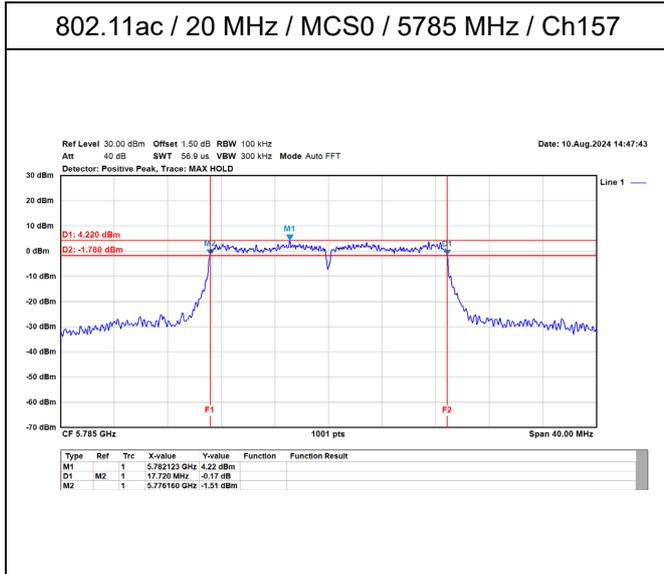


802.11ac / 80 MHz / MCS0 / 5690 MHz / Ch138

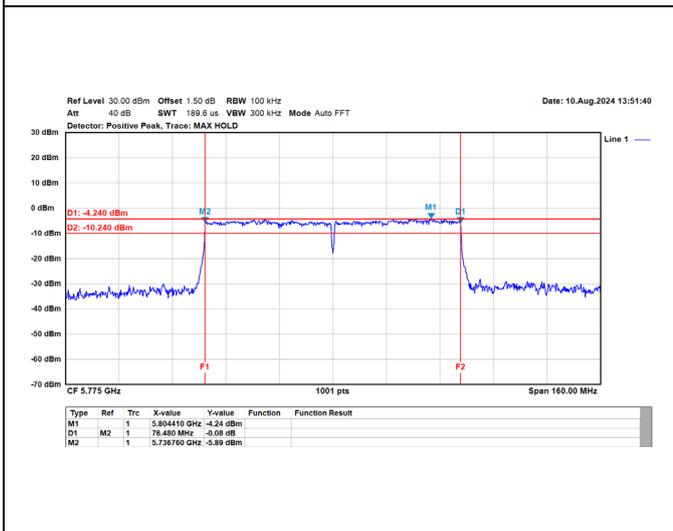


**For DTS Bandwidth:**





802.11ac / 80MHz / MCS0 / 5775 MHz / Ch155



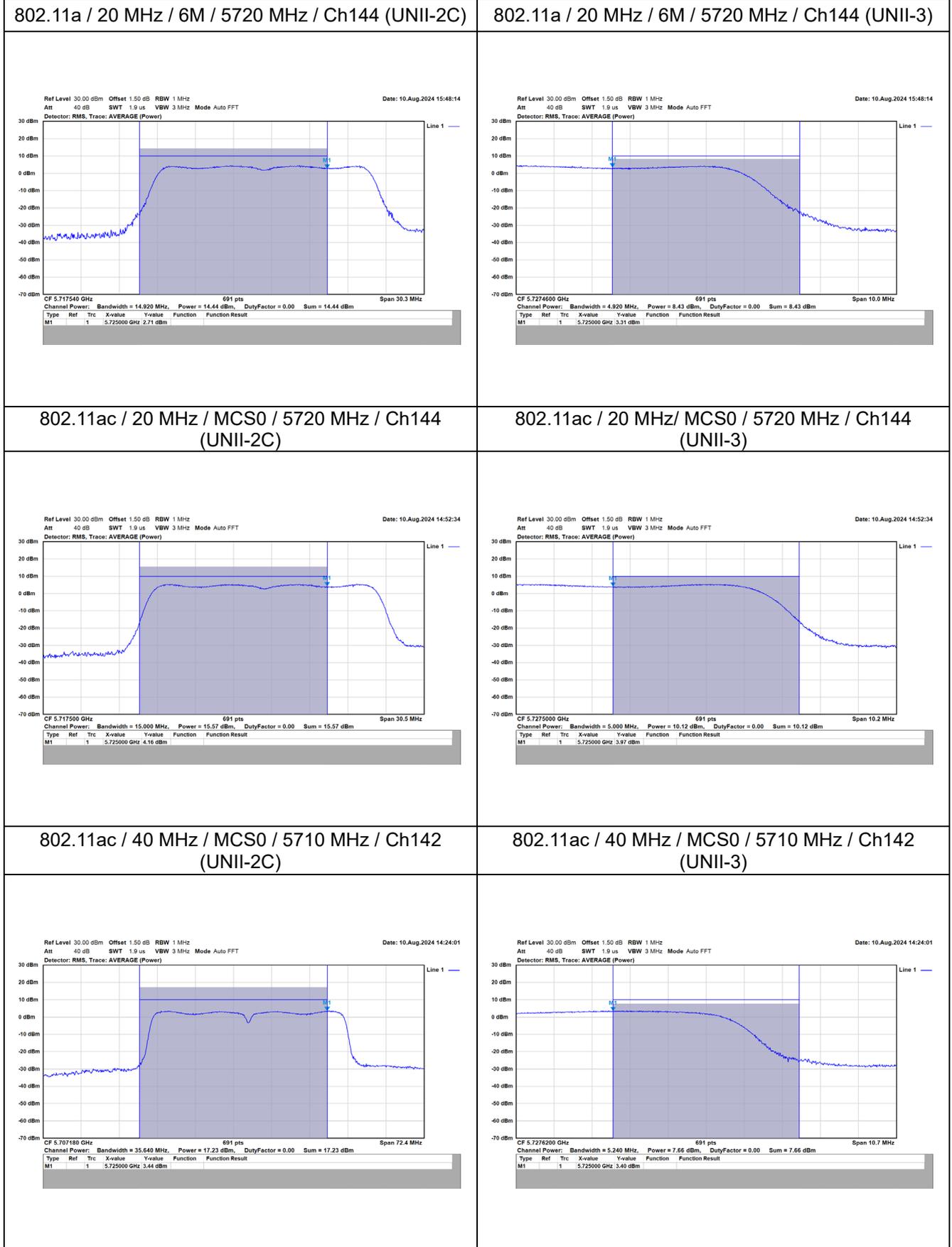
## Appendix B. Test Result of Maximum Conducted Output Power

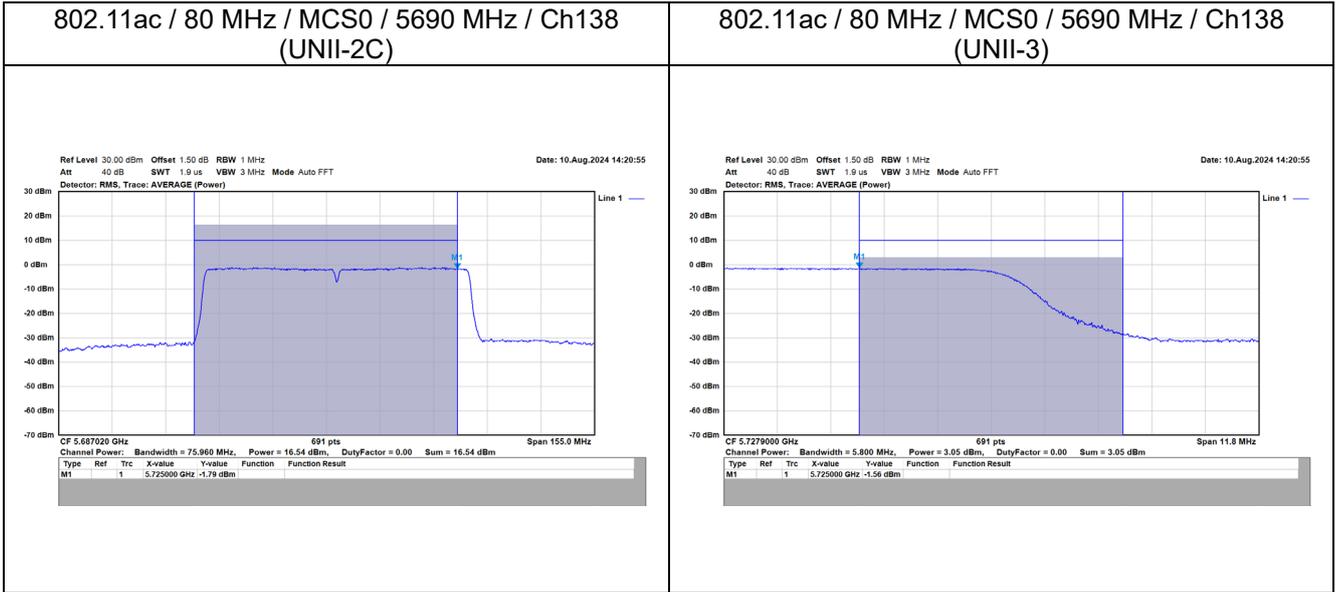
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
802.11a	5180	11.84	24.00	Pass
	5220	11.79	24.00	Pass
	5240	11.74	24.00	Pass
	5260	11.82	23.93	Pass
	5300	11.98	23.92	Pass
	5320	11.95	23.94	Pass
	5500	12.10	23.93	Pass
	5580	13.81	24.00	Pass
	5700	13.55	23.99	Pass
	5720 (UNII-2C)	14.44	22.74	Pass
	5720 (UNII-3)	8.43	30.00	Pass
	5745	15.70	30.00	Pass
	5785	14.77	30.00	Pass
	5825	13.96	30.00	Pass
802.11ac (20MHz)	5180	11.83	24.00	Pass
	5220	12.03	24.00	Pass
	5240	11.96	24.00	Pass
	5260	11.94	24.00	Pass
	5300	12.26	24.00	Pass
	5320	12.17	24.00	Pass
	5500	12.36	24.00	Pass
	5580	13.91	24.00	Pass
	5700	13.70	24.00	Pass
	5720 (UNII-2C)	15.57	24.00	Pass
	5720 (UNII-3)	10.12	30.00	Pass
	5745	15.93	30.00	Pass
	5785	15.09	30.00	Pass
	5825	14.18	30.00	Pass

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result
802.11ac (40MHz)	5190	13.85	24.00	Pass
	5230	14.99	24.00	Pass
	5270	14.93	24.00	Pass
	5310	13.14	24.00	Pass
	5510	14.28	24.00	Pass
	5550	15.07	24.00	Pass
	5670	14.81	24.00	Pass
	5710 (UNII-2C)	17.23	24.00	Pass
	5710 (UNII-3)	7.66	30.00	Pass
	5755	17.87	30.00	Pass
	5795	17.02	30.00	Pass
802.11ac (80MHz)	5210	13.80	24.00	Pass
	5290	11.84	24.00	Pass
	5530	13.11	24.00	Pass
	5610	14.79	24.00	Pass
	5690 (UNII-2C)	16.54	24.00	Pass
	5690 (UNII-3)	3.05	30.00	Pass
	5775	15.53	30.00	Pass

Note: For straddle channels, the total power = conducted output power + duty factor, and the duty factor refer to section 2.3

**For Straddle Channels:**





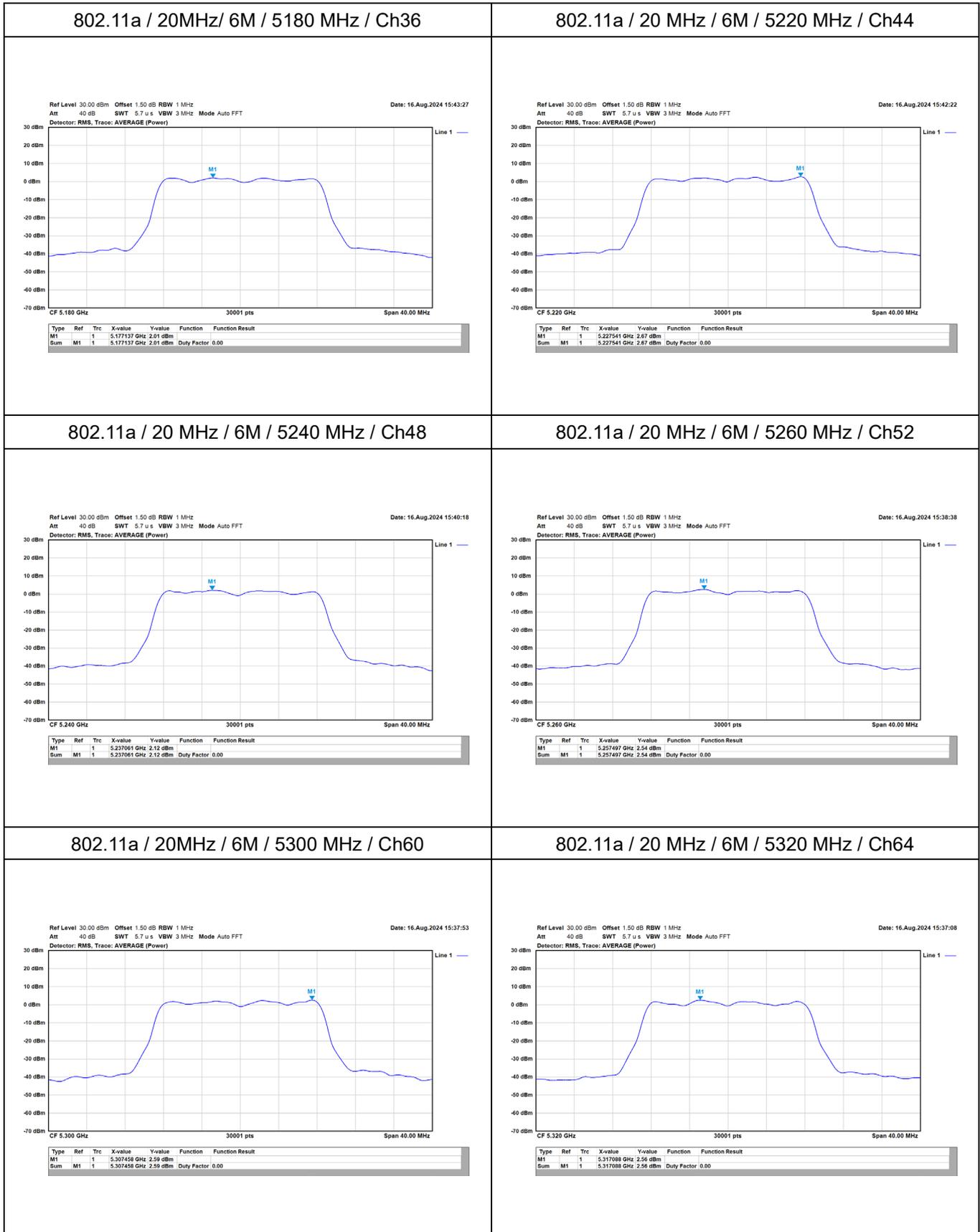
### Appendix C. Test Result of Maximum Power Spectral Density

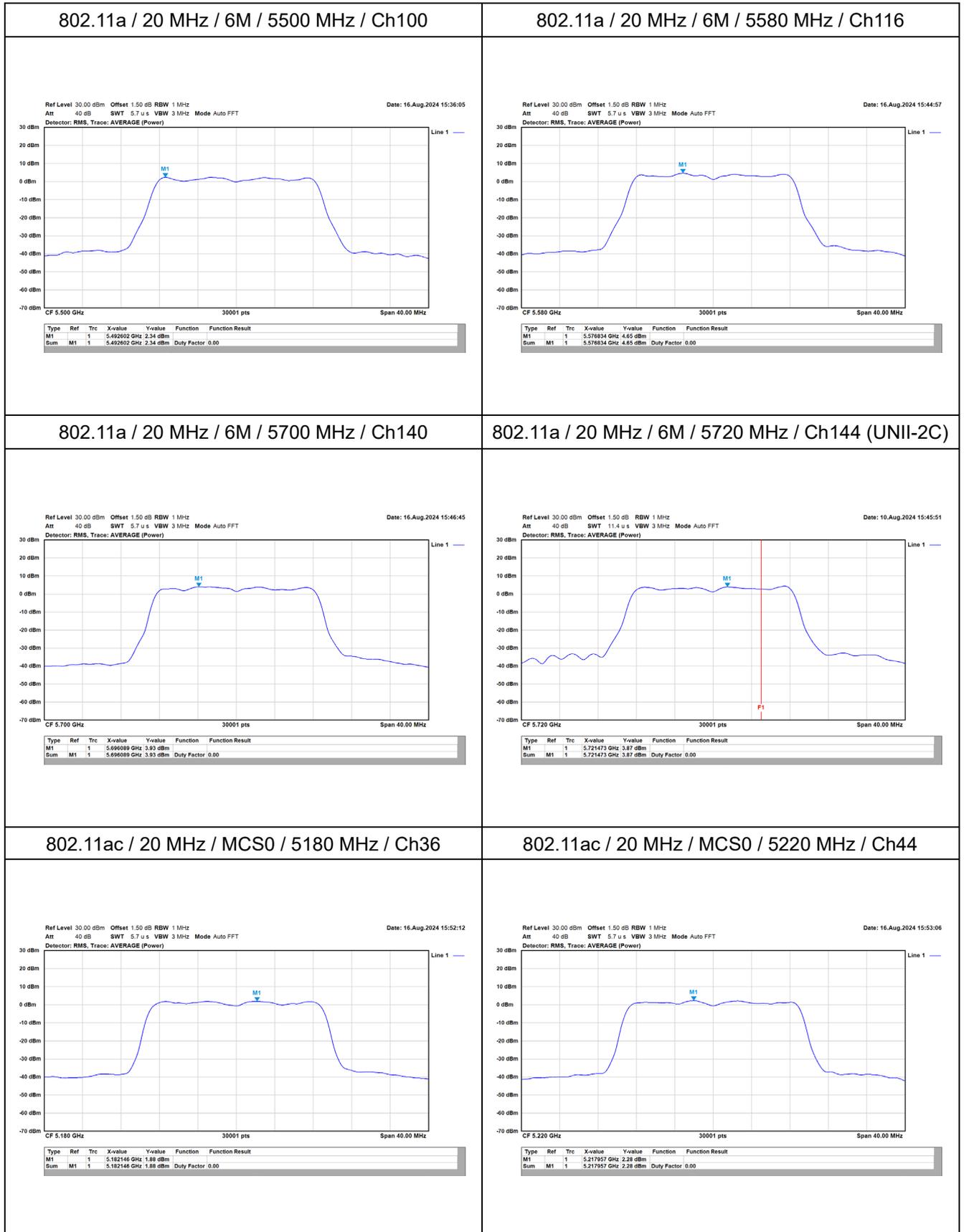
Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
802.11a	5180	2.01	11.00	Pass
	5220	2.67	11.00	Pass
	5240	2.12	11.00	Pass
	5260	2.54	11.00	Pass
	5300	2.59	11.00	Pass
	5320	2.56	11.00	Pass
	5500	2.34	11.00	Pass
	5580	4.65	11.00	Pass
	5700	3.93	11.00	Pass
	5720 (U-NII-2C)	3.87	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
802.11a	5720 (U-NII-3)	1.03	30.00	Pass
	5745	3.33	30.00	Pass
	5785	3.06	30.00	Pass
	5825	1.72	30.00	Pass

Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ac (20 MHz)	5180	1.88	11.00	Pass
	5220	2.28	11.00	Pass
	5240	1.86	11.00	Pass
	5260	2.20	11.00	Pass
	5300	2.69	11.00	Pass
	5320	2.59	11.00	Pass
	5500	2.21	11.00	Pass
	5580	4.21	11.00	Pass
	5700	3.92	11.00	Pass
	5720 (U-NII-2C)	5.69	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
802.11ac (20 MHz)	5720 (U-NII-3)	2.39	30.00	Pass
	5745	3.70	30.00	Pass
	5785	2.36	30.00	Pass
	5825	1.78	30.00	Pass

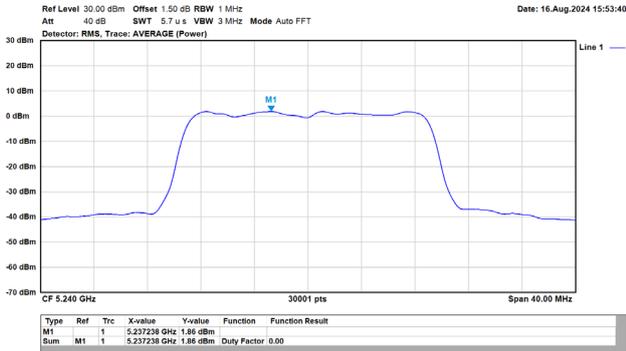
Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ac (40 MHz)	5190	1.35	11.00	Pass
	5230	2.47	11.00	Pass
	5270	2.28	11.00	Pass
	5310	0.34	11.00	Pass
	5510	1.57	11.00	Pass
	5550	2.98	11.00	Pass
	5670	2.24	11.00	Pass
	5710 (U-NII-2C)	3.48	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
802.11ac (40 MHz)	5710 (U-NII-3)	0.80	30.00	Pass
	5755	2.38	30.00	Pass
	5795	1.74	30.00	Pass

Modulation	Frequency (MHz)	Power Spectral Density (dBm/MHz)	Limit (dBm/MHz)	Result
802.11ac (80 MHz)	5210	-2.37	11.00	Pass
	5290	-4.04	11.00	Pass
	5530	-3.22	11.00	Pass
	5610	-1.66	11.00	Pass
	5690 (U-NII-2C)	-0.89	11.00	Pass
Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
802.11ac (80 MHz)	5690 (U-NII-3)	-4.22	30.00	Pass
	5775	-2.61	30.00	Pass

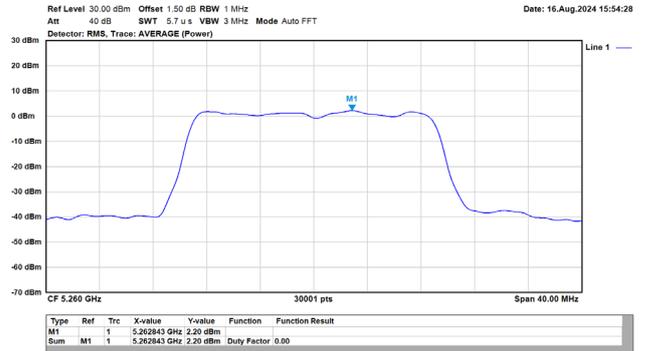




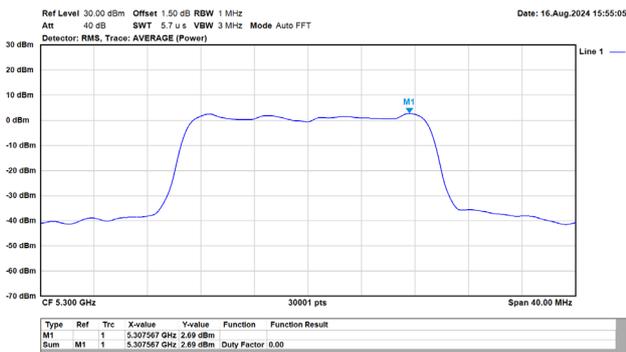
802.11ac / 20 MHz / MCS0 / 5240 MHz / Ch48



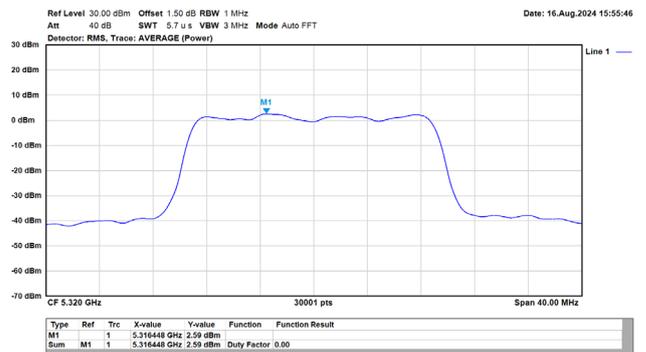
802.11ac / 20 MHz / MCS0 / 5260 MHz / Ch52



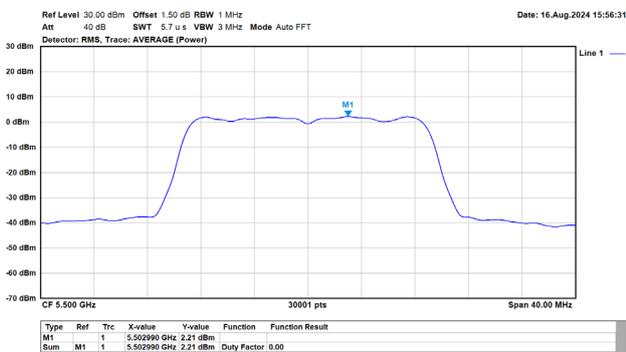
802.11ac / 20 MHz / MCS0 / 5300 MHz / Ch60



802.11ac / 20 MHz / MCS0 / 5320 MHz / Ch64

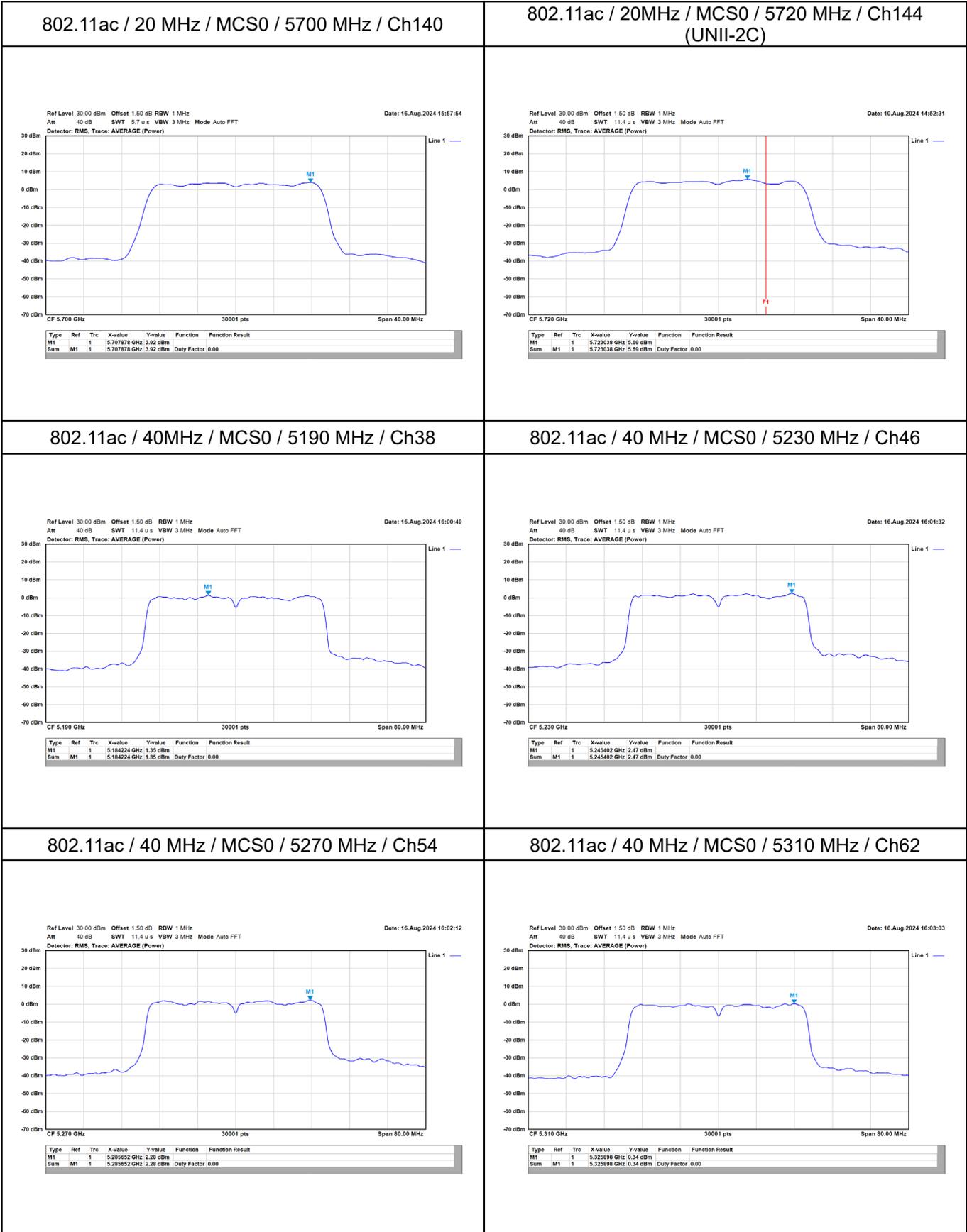


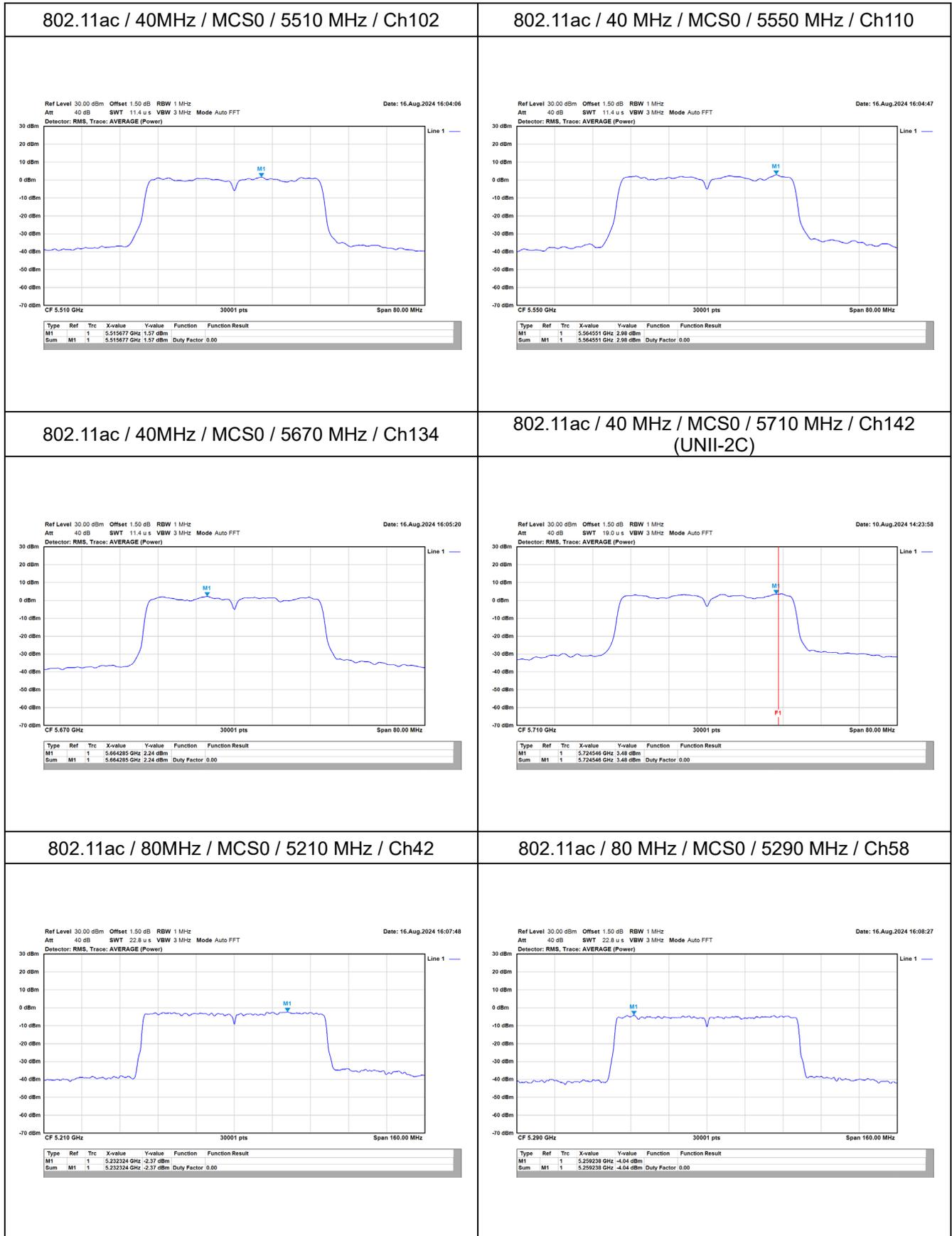
802.11ac / 20 MHz / MCS0 / 5500 MHz / Ch100

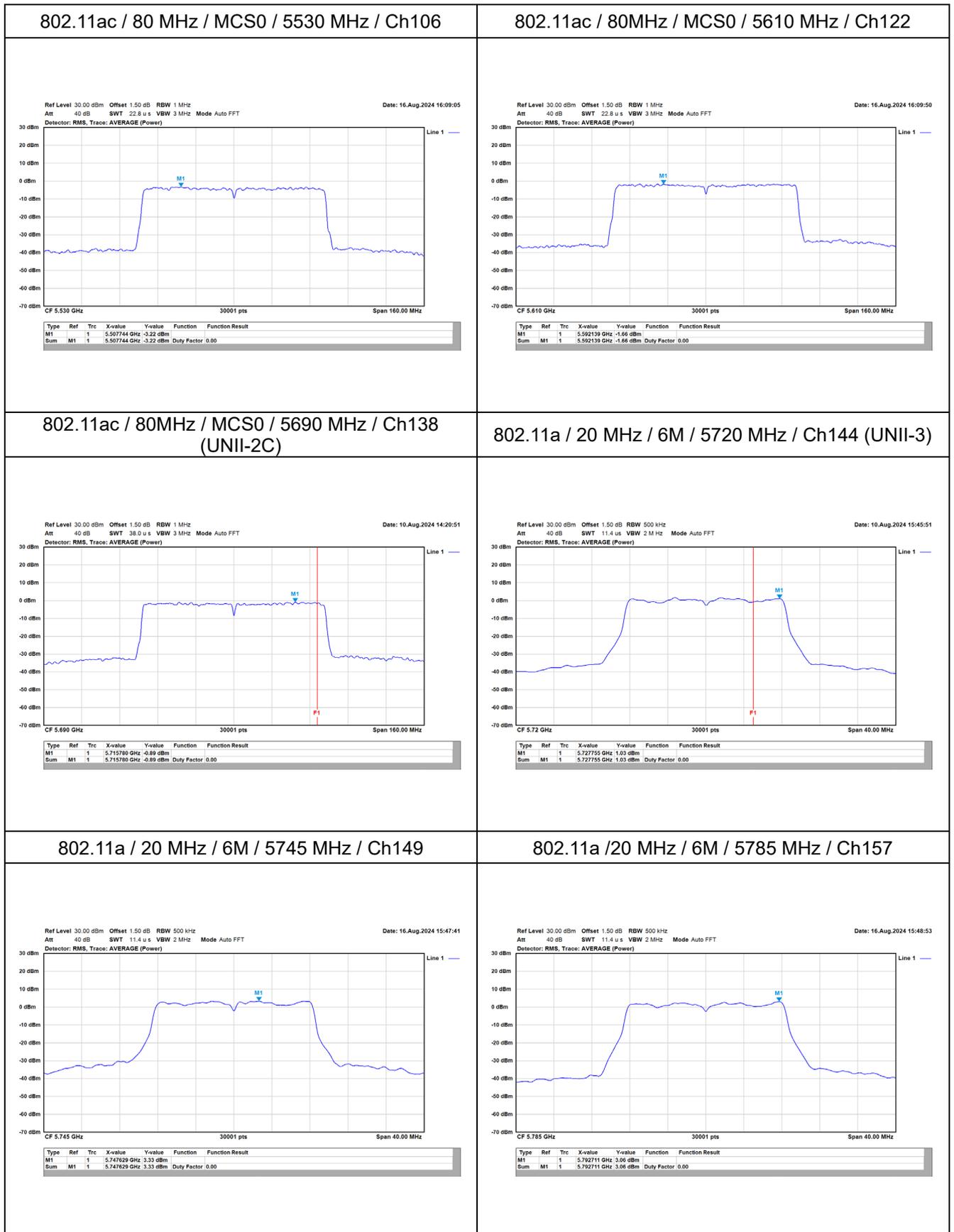


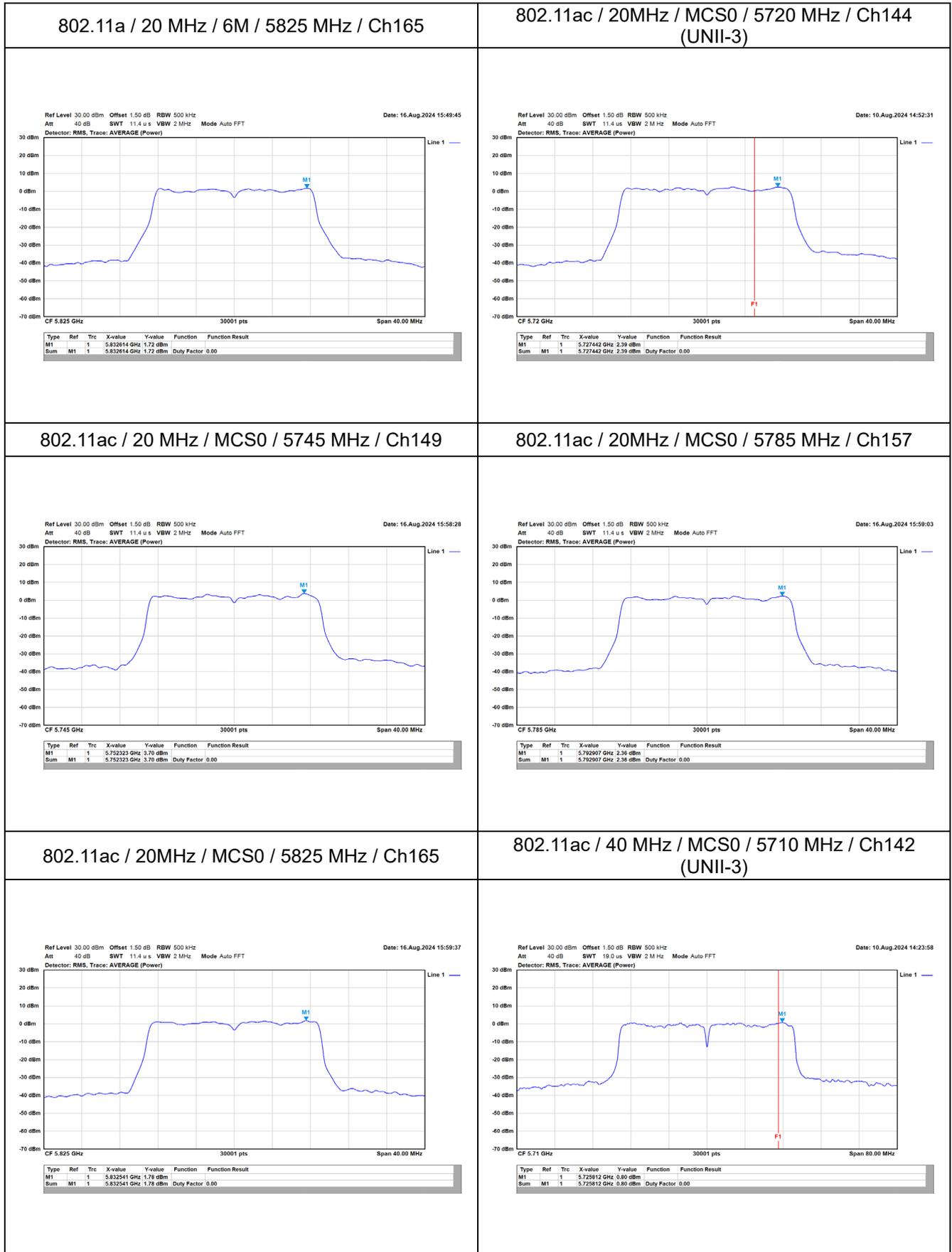
802.11ac / 20 MHz / MCS0 / 5580 MHz / Ch116

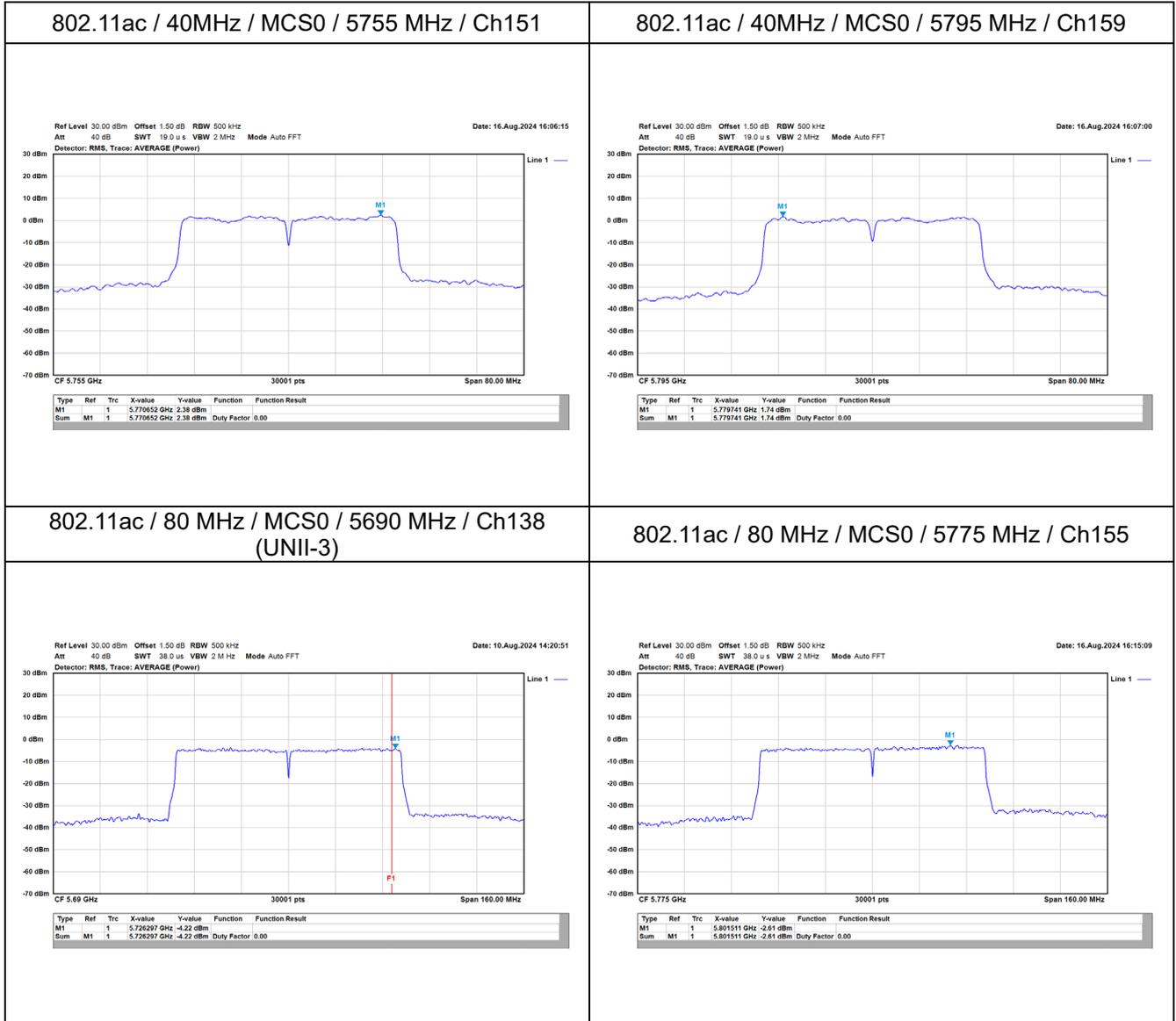






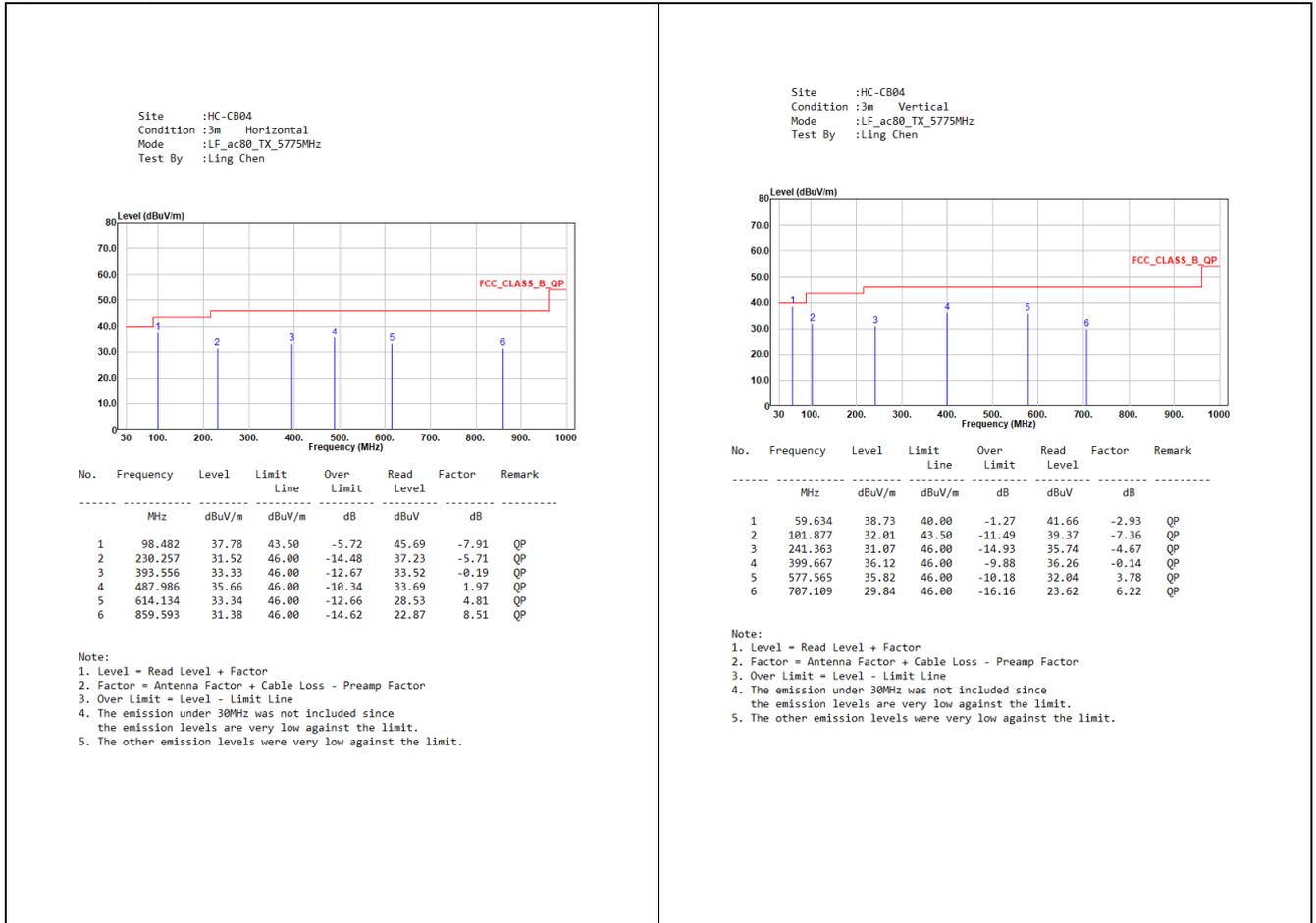




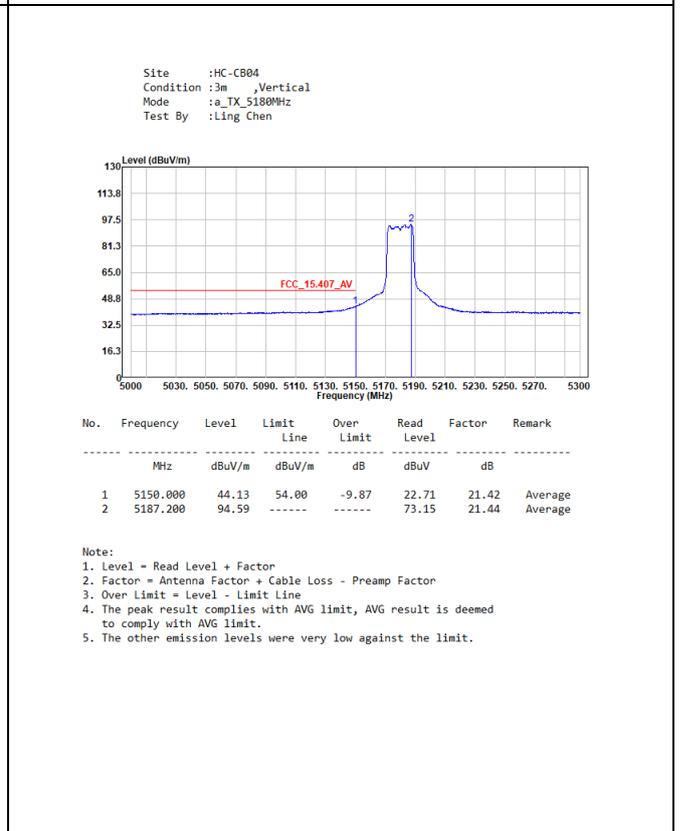
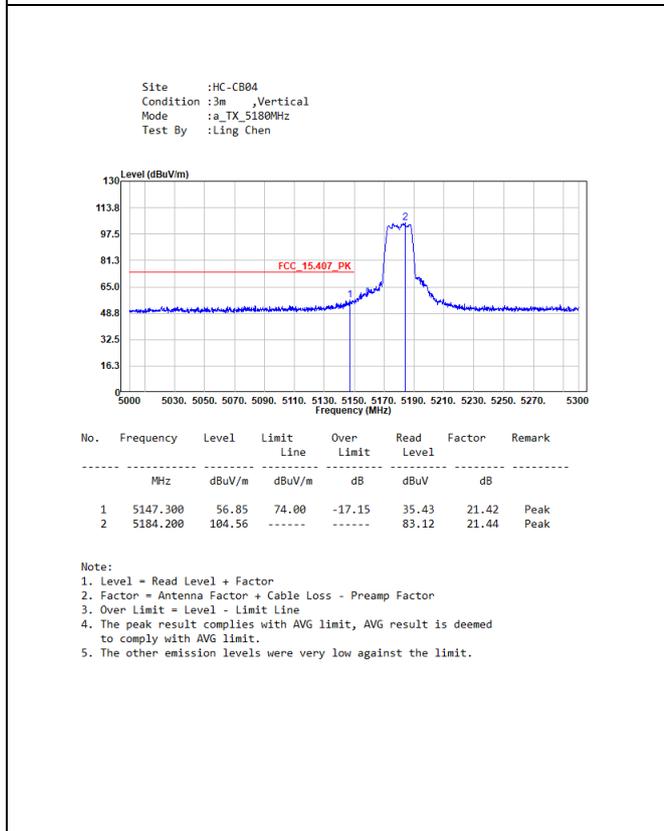
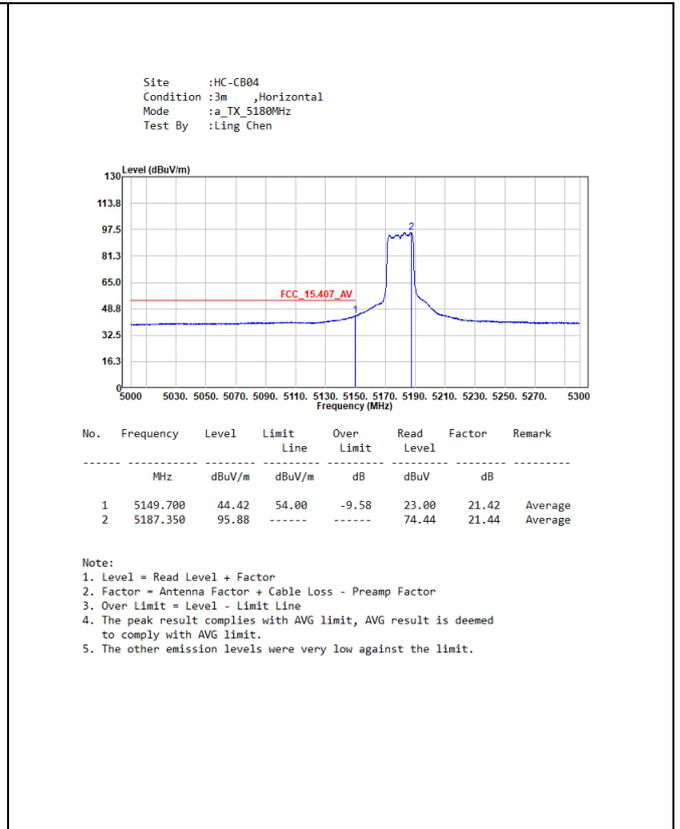
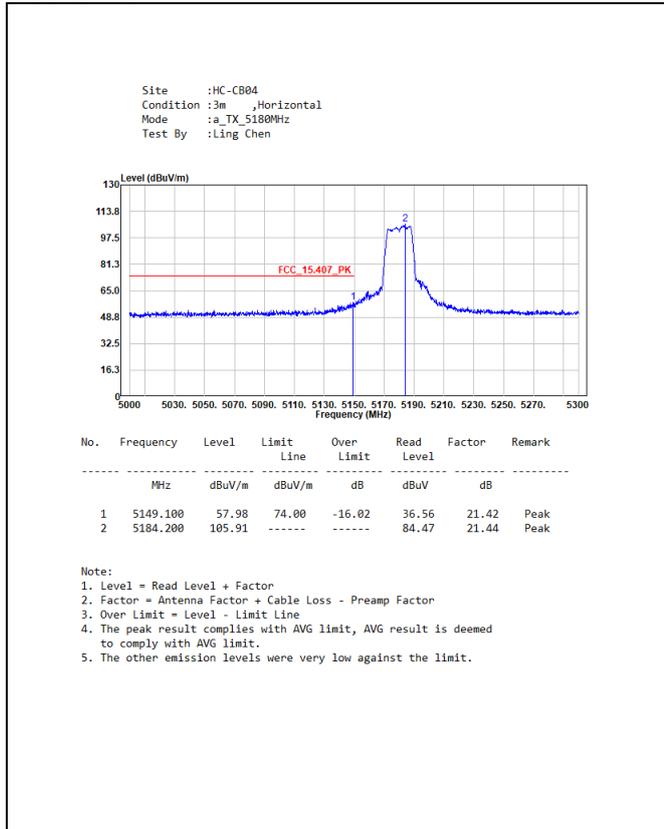


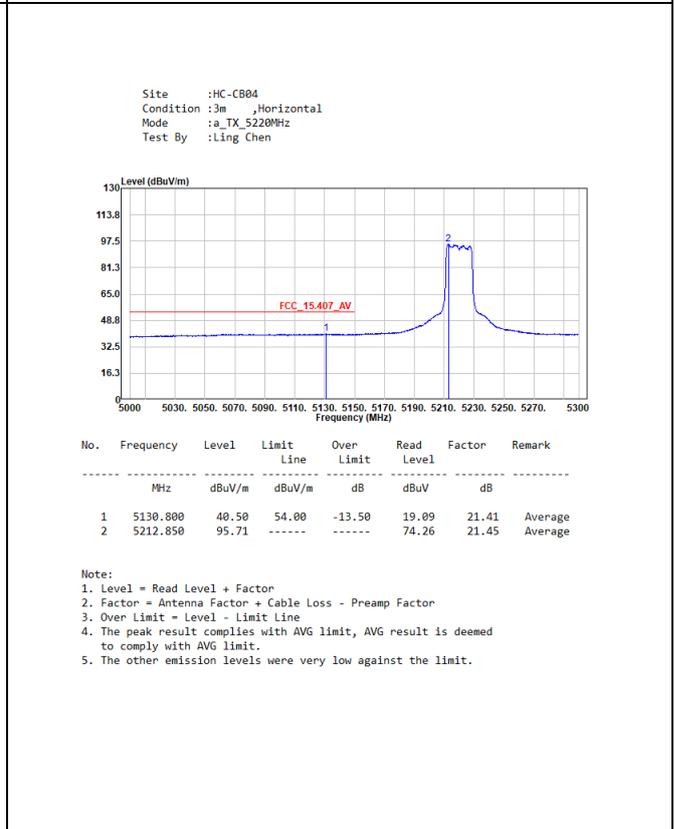
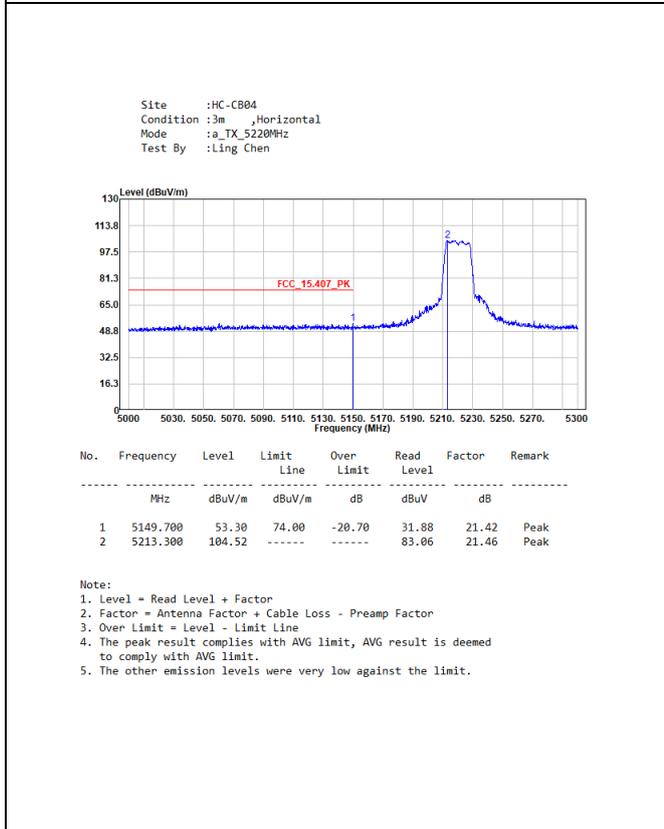
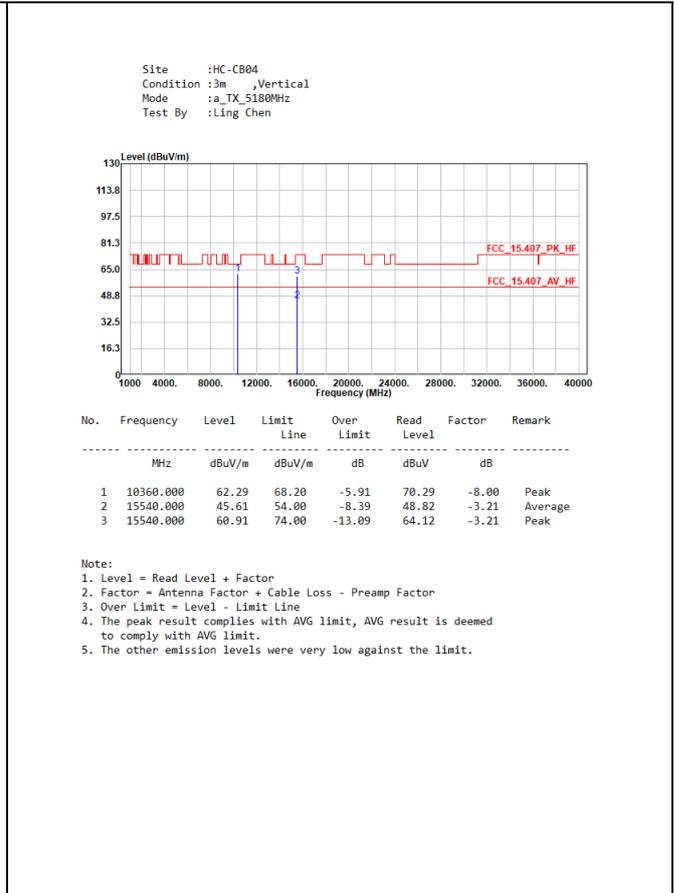
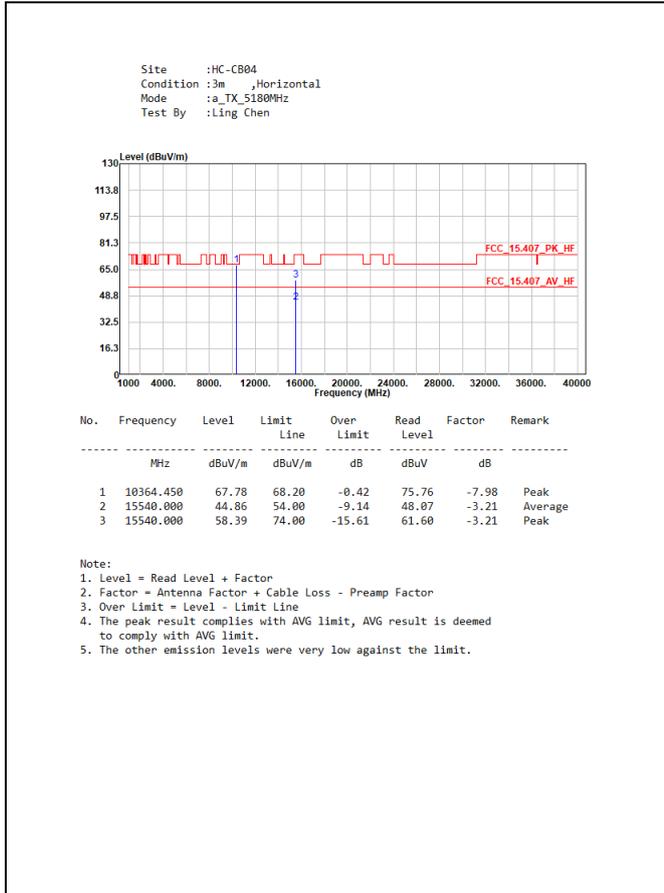
## Appendix D. Test Result of Transmitter Radiated Spurious Emission

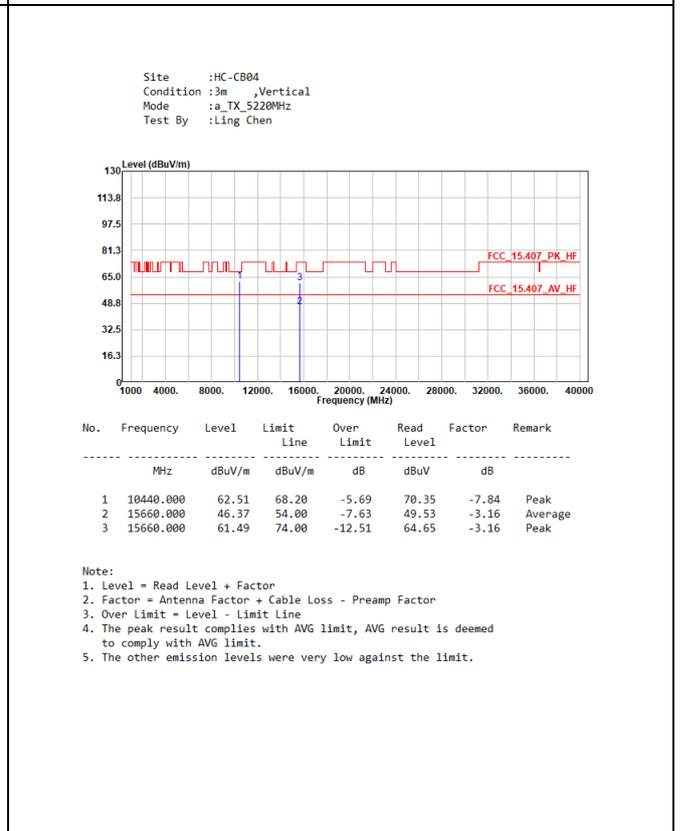
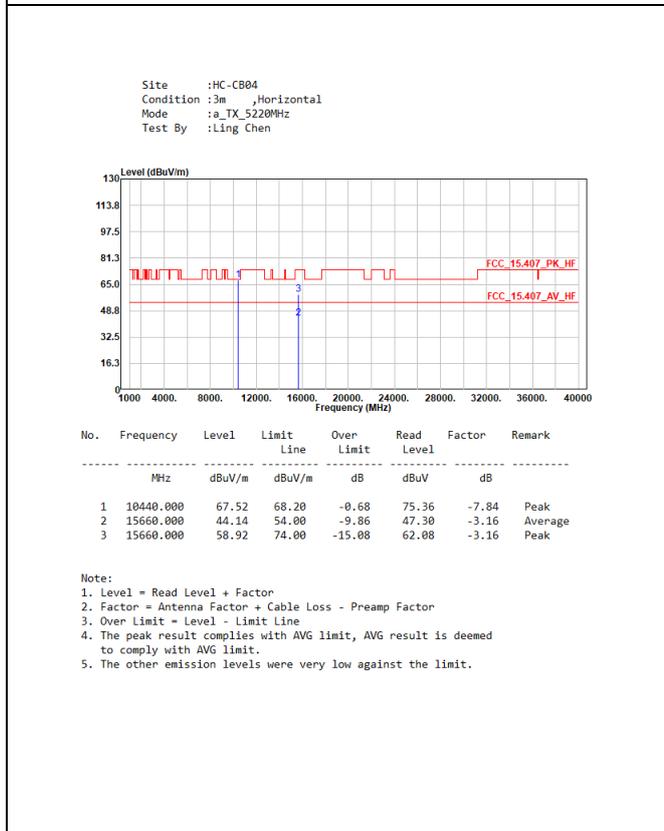
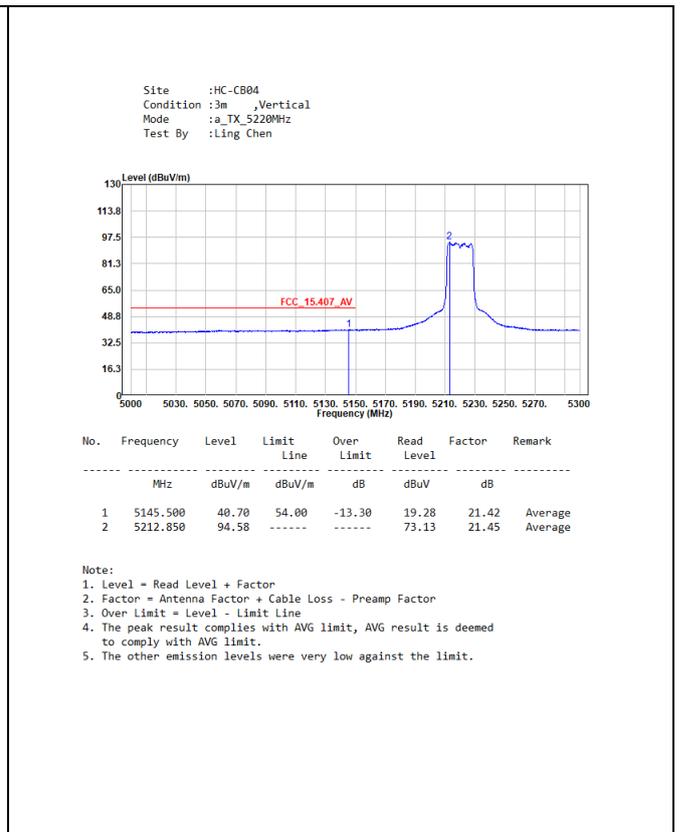
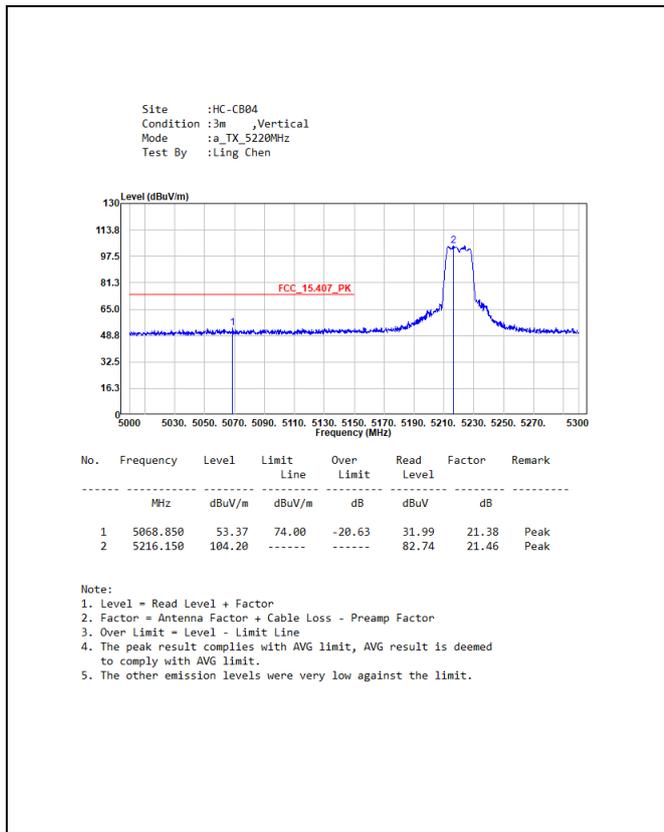
### 30 MHz ~ 1 GHz

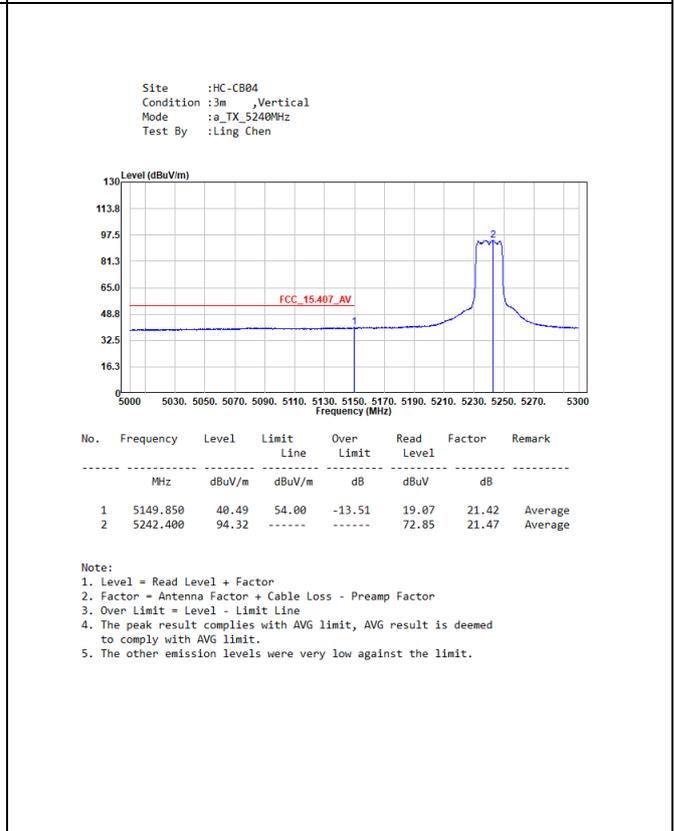
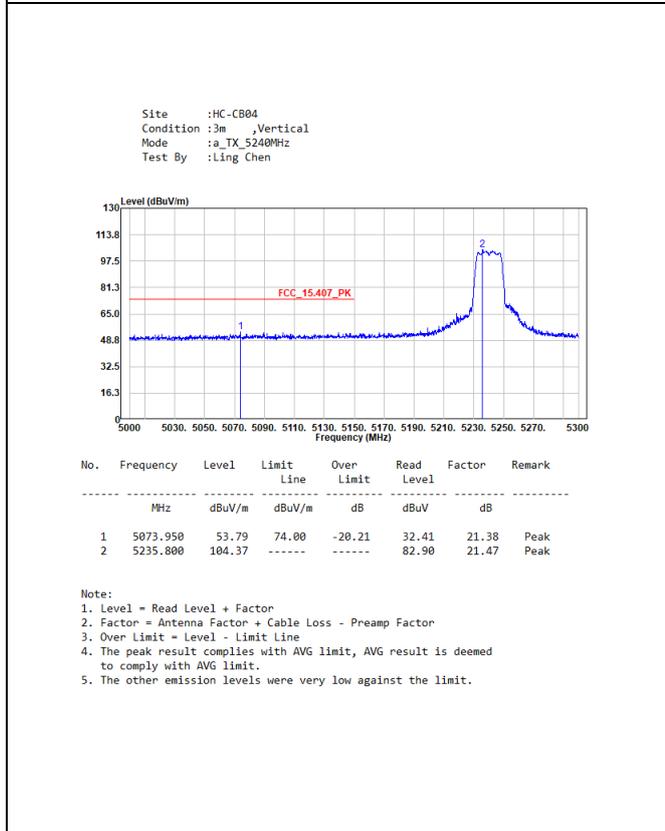
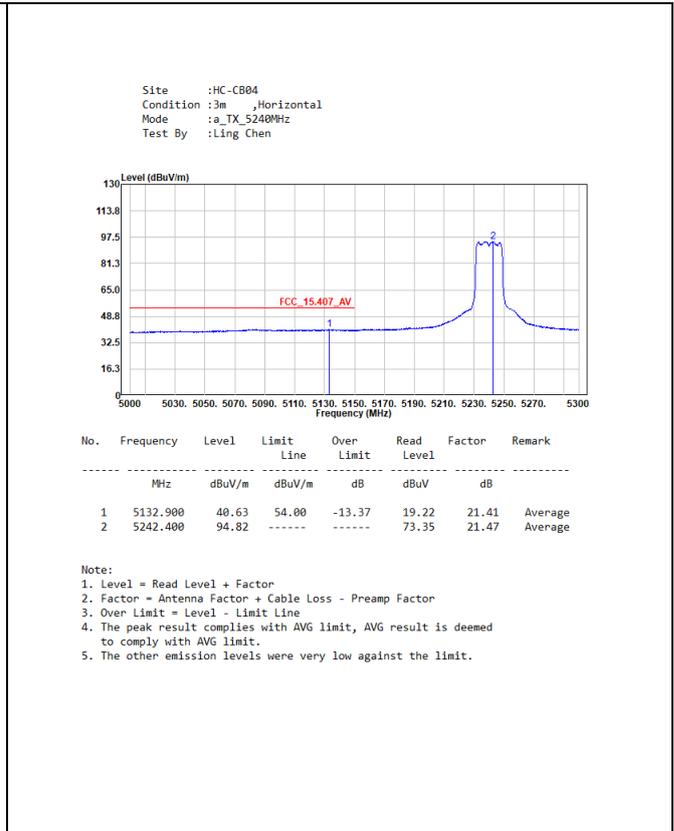
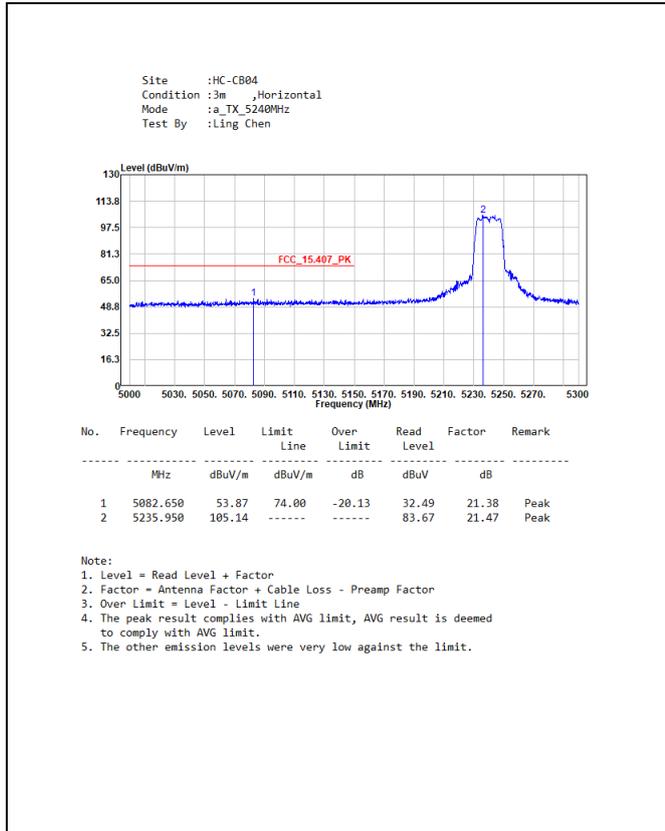


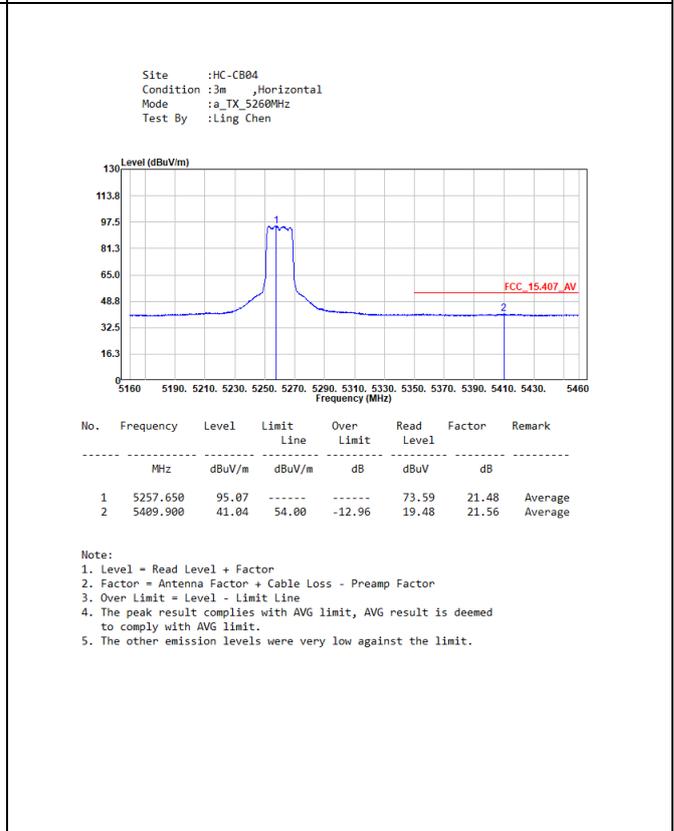
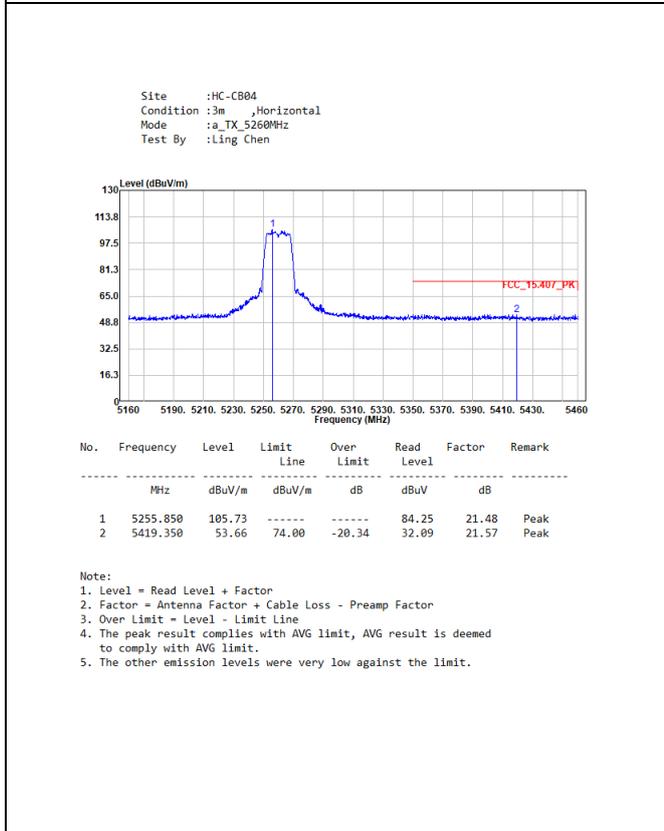
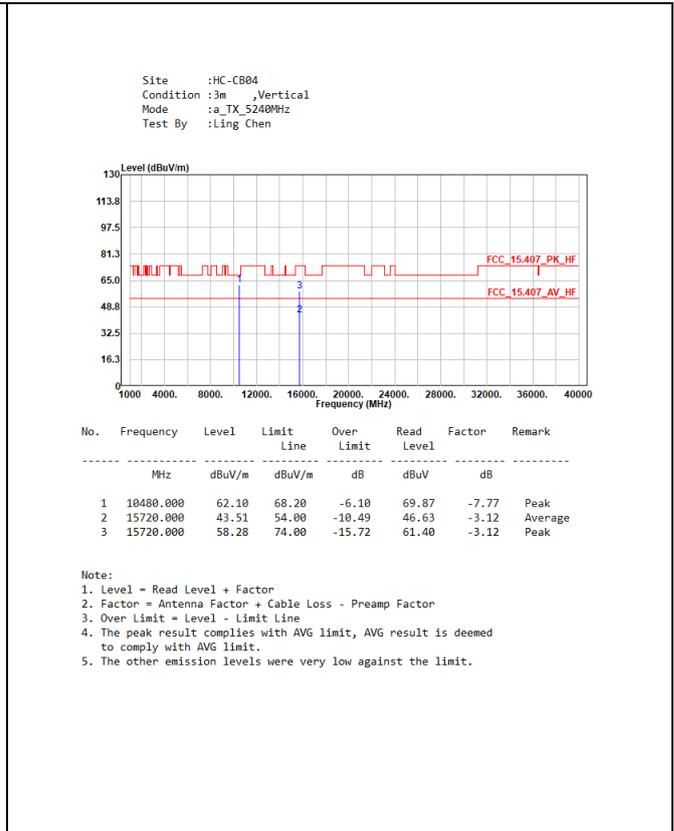
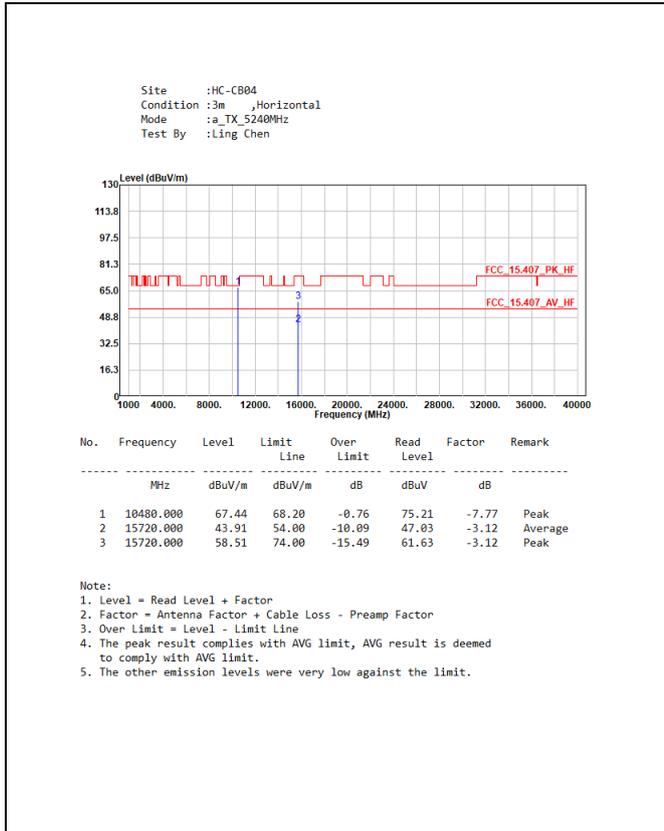
**Above 1 GHz**

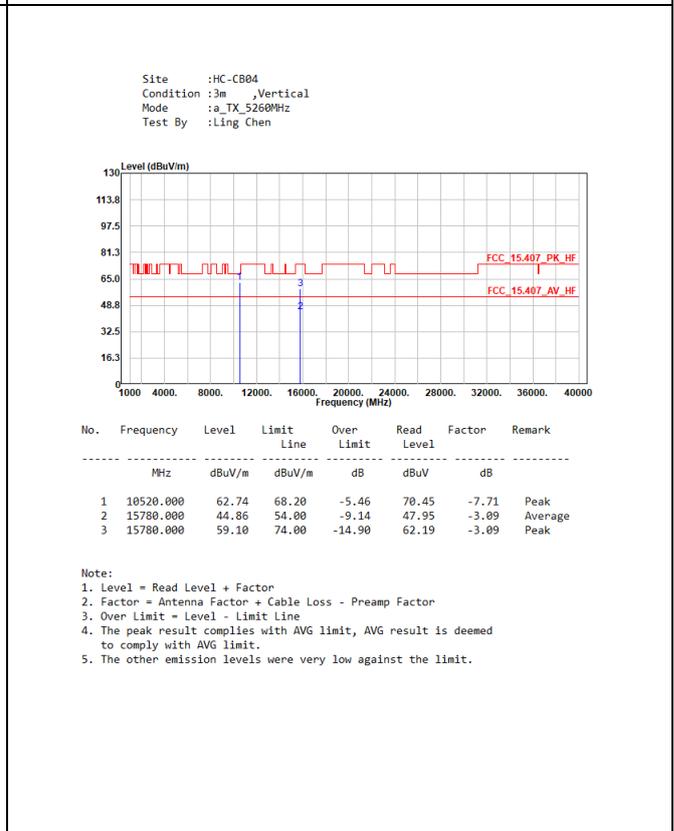
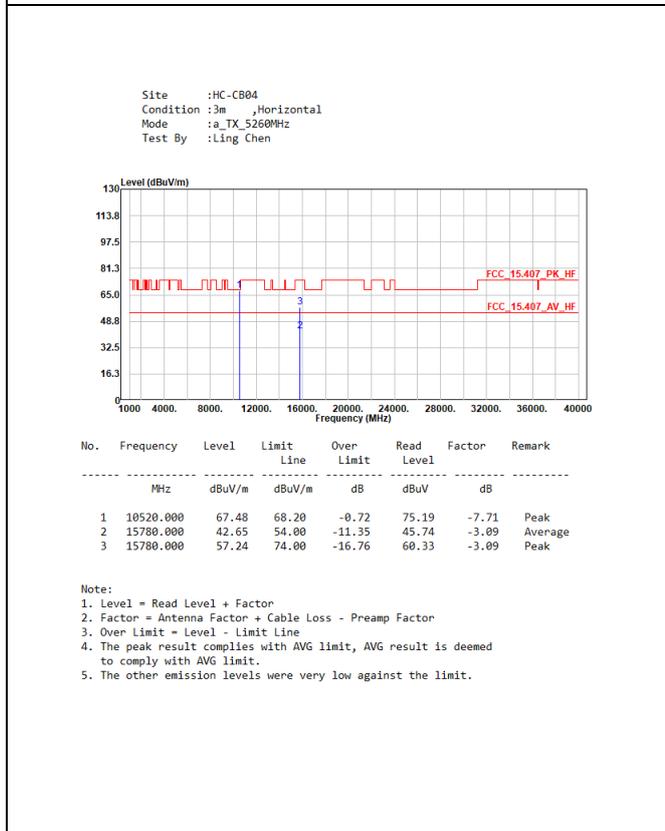
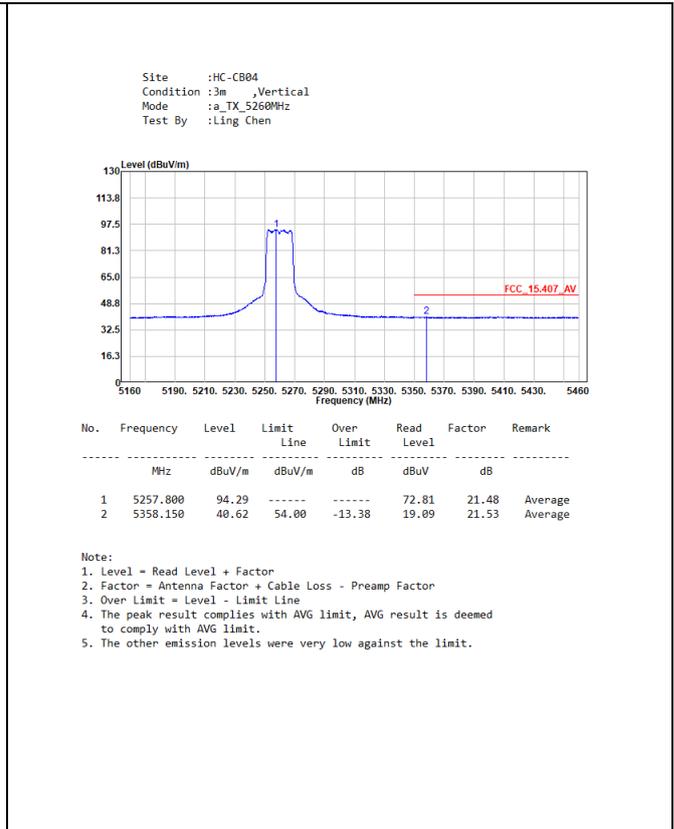
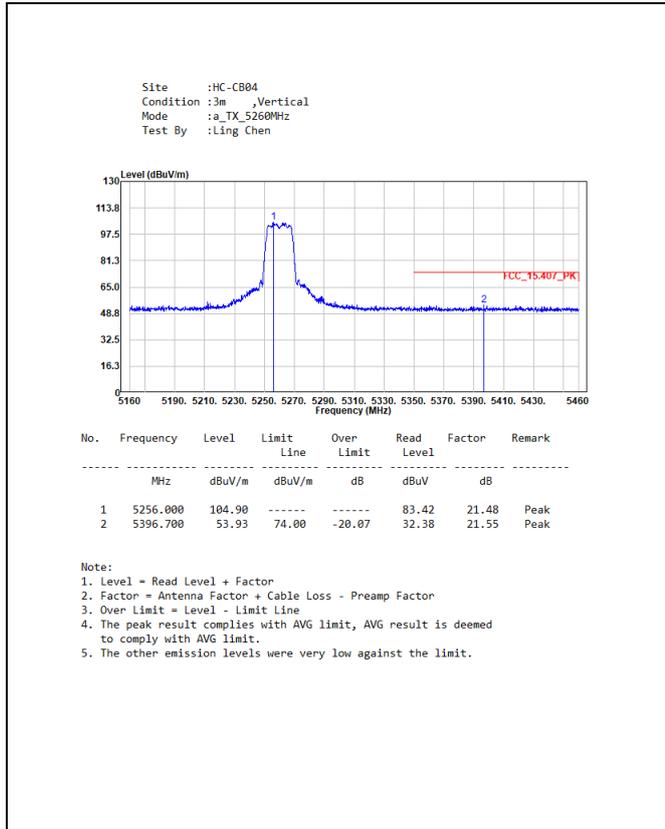


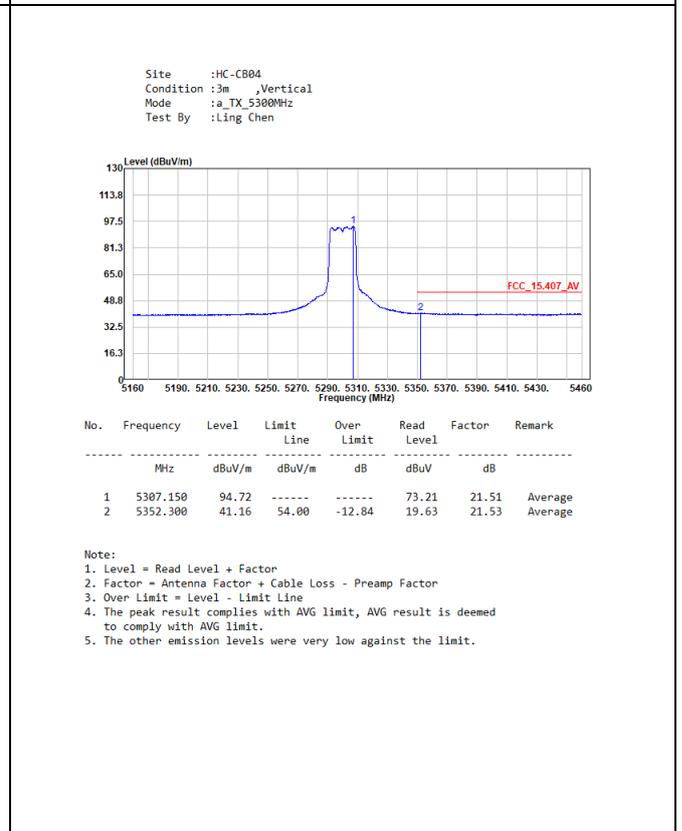
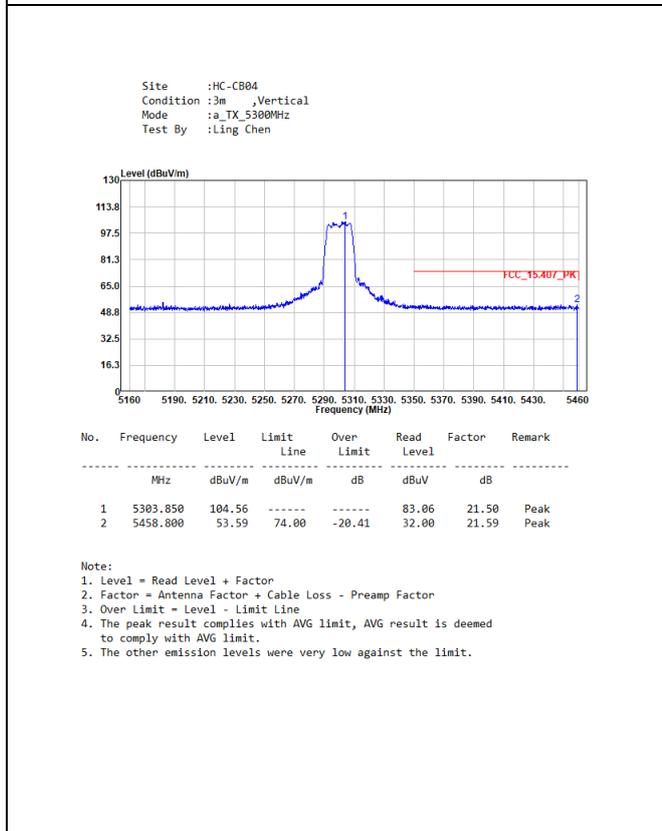
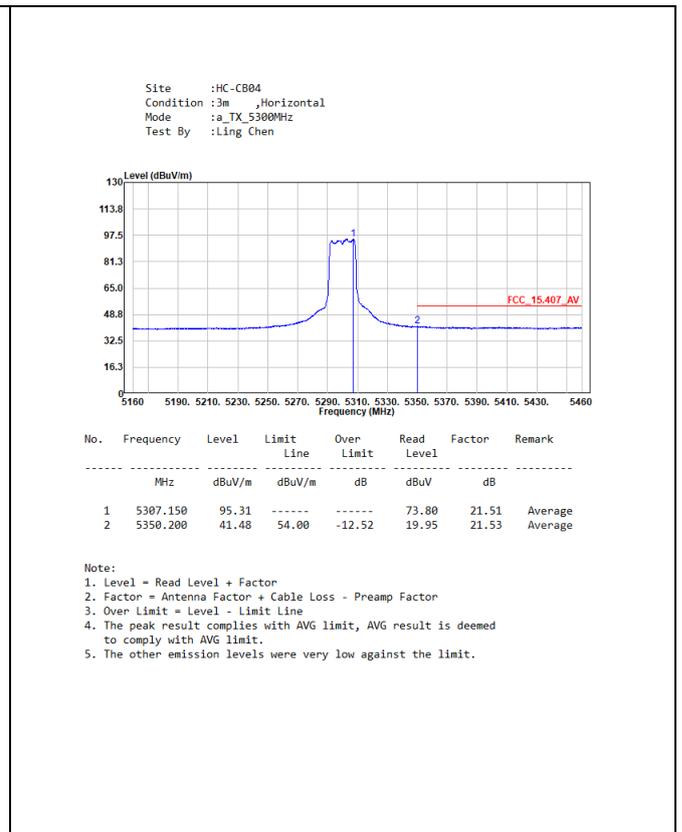
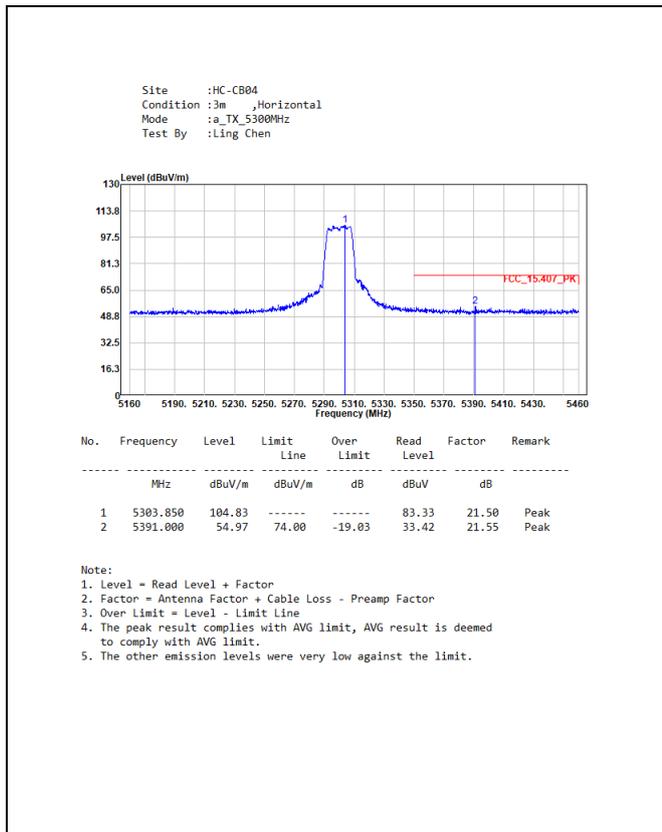


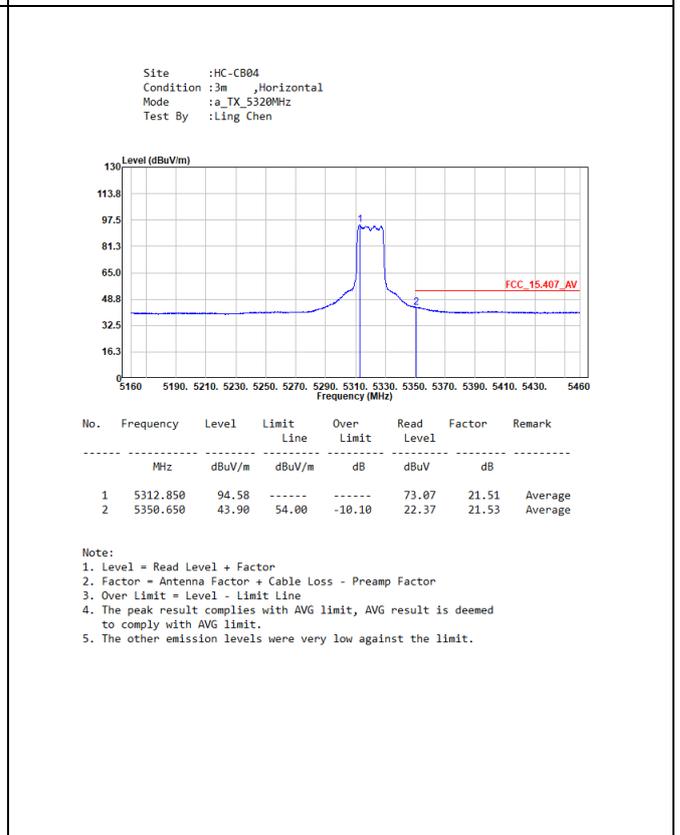
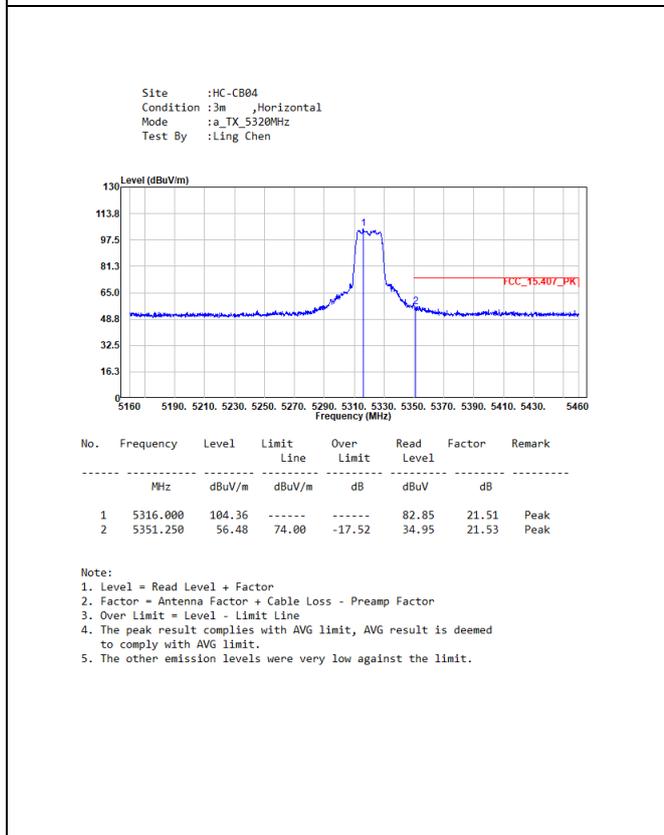
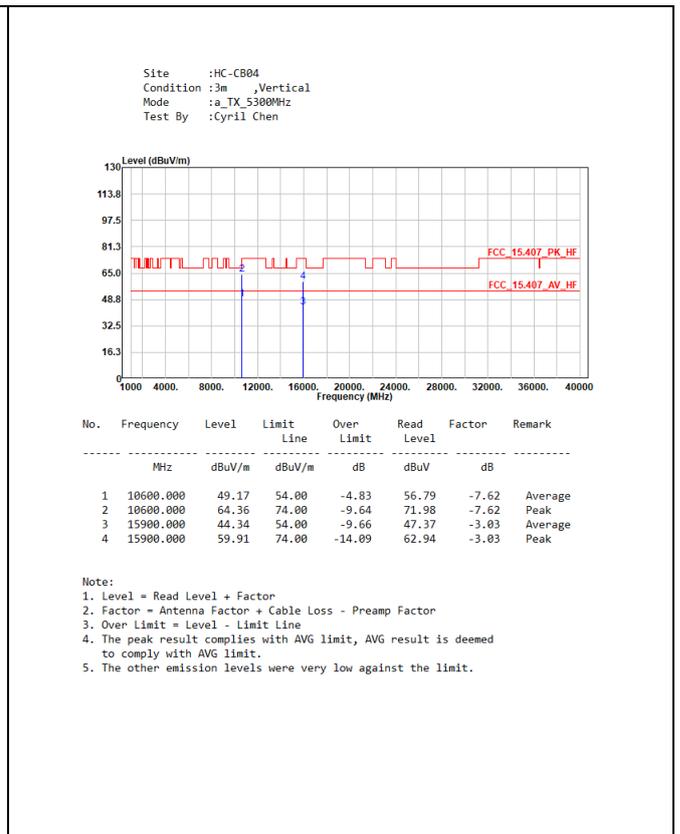
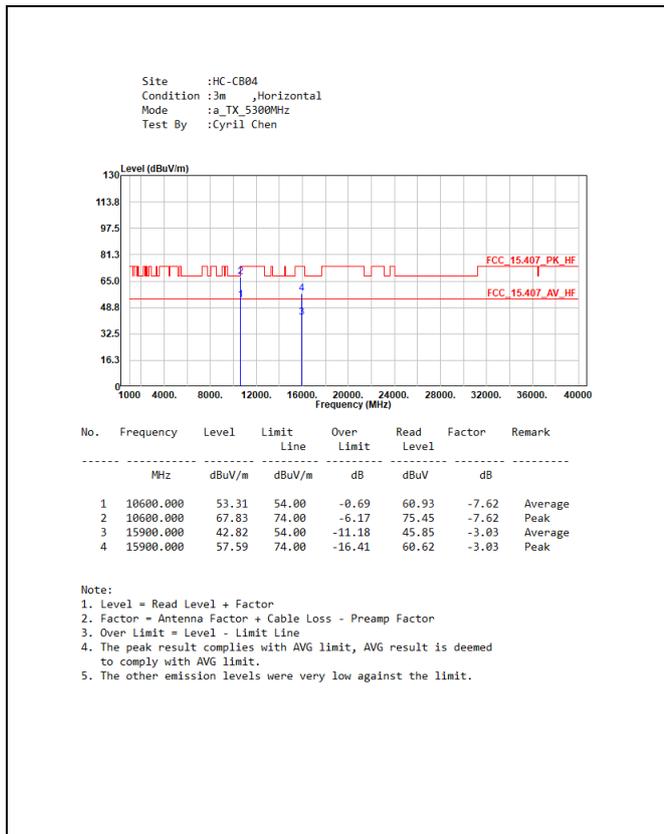


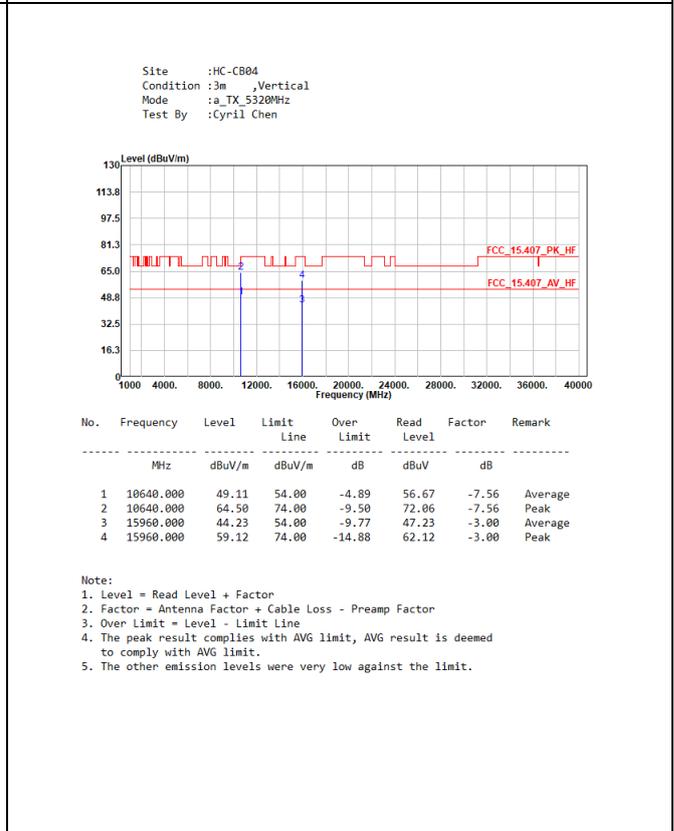
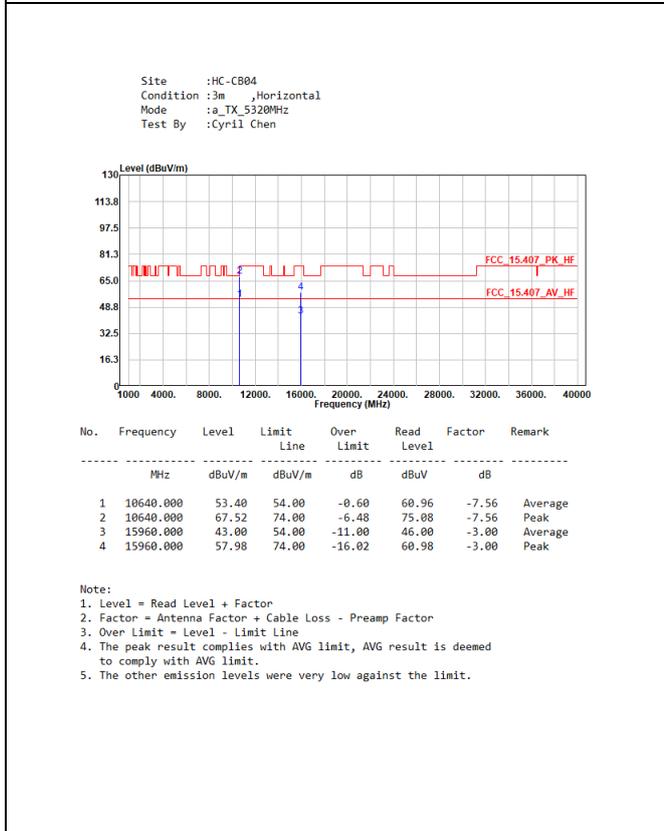
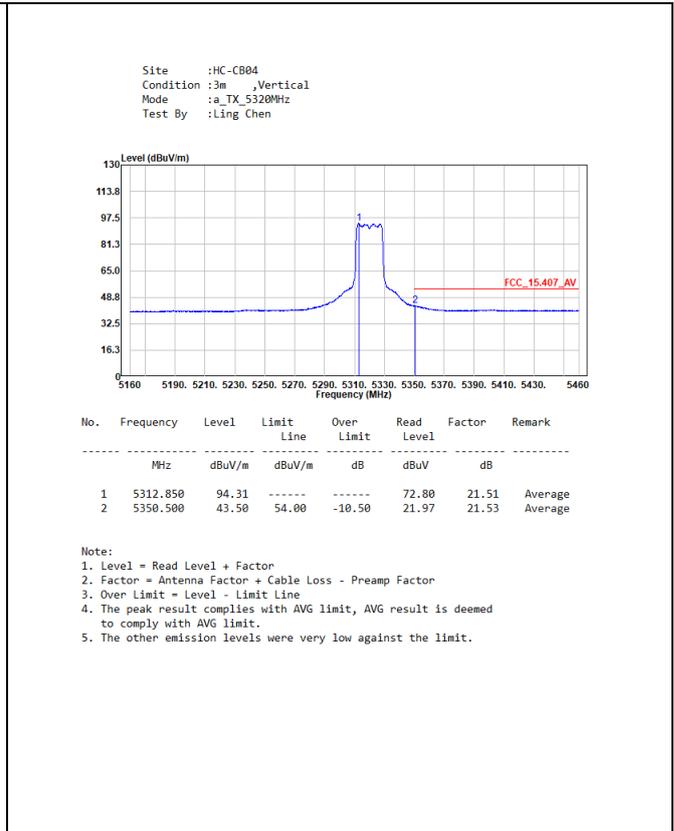
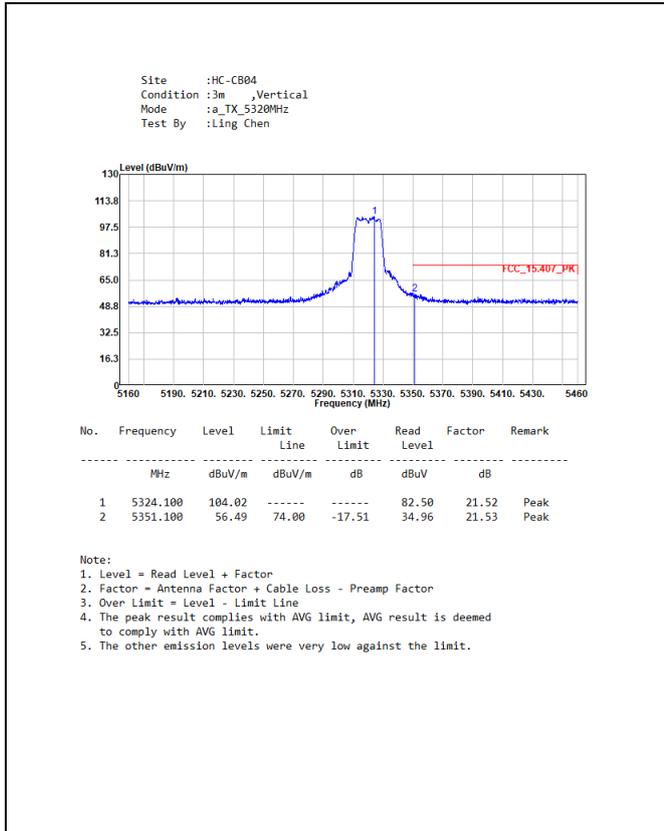


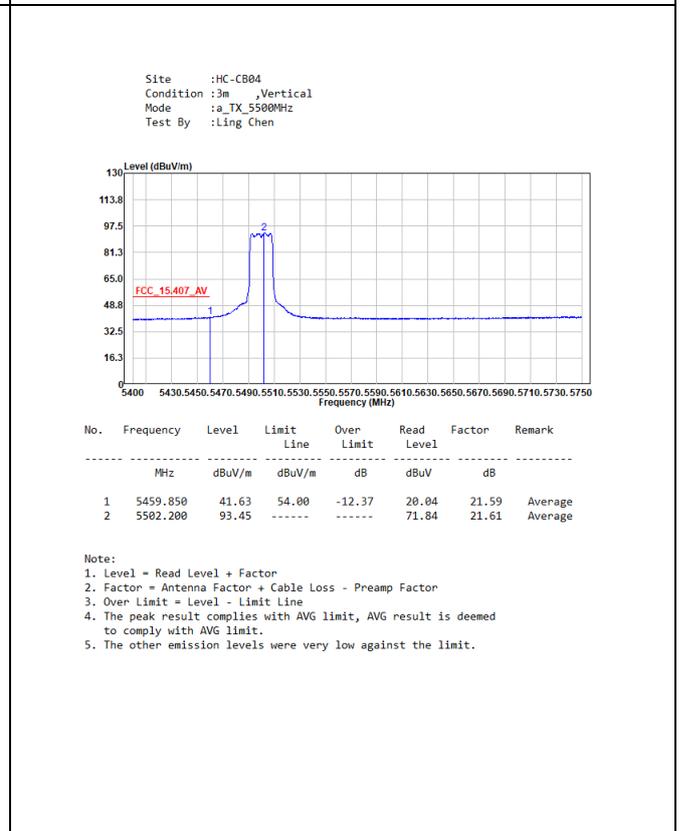
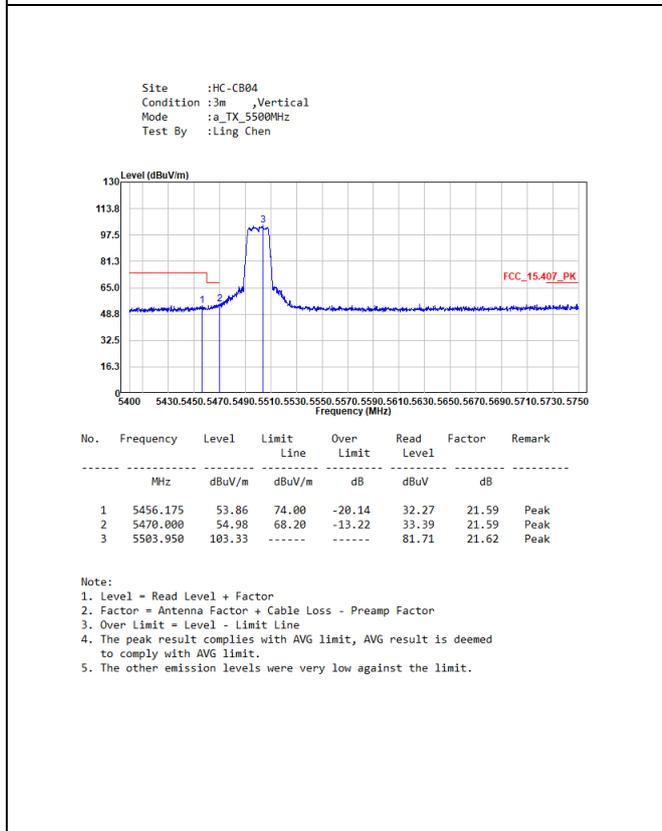
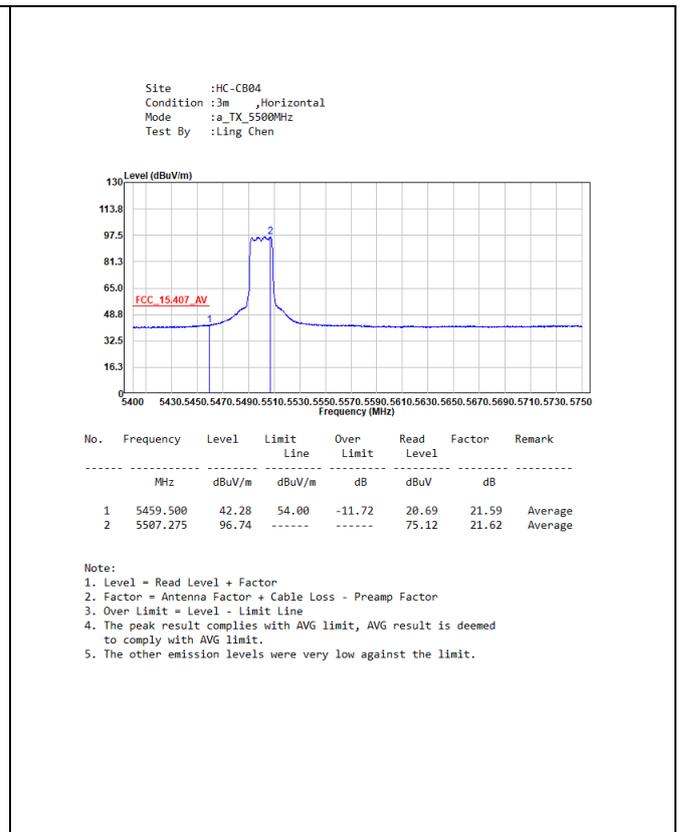
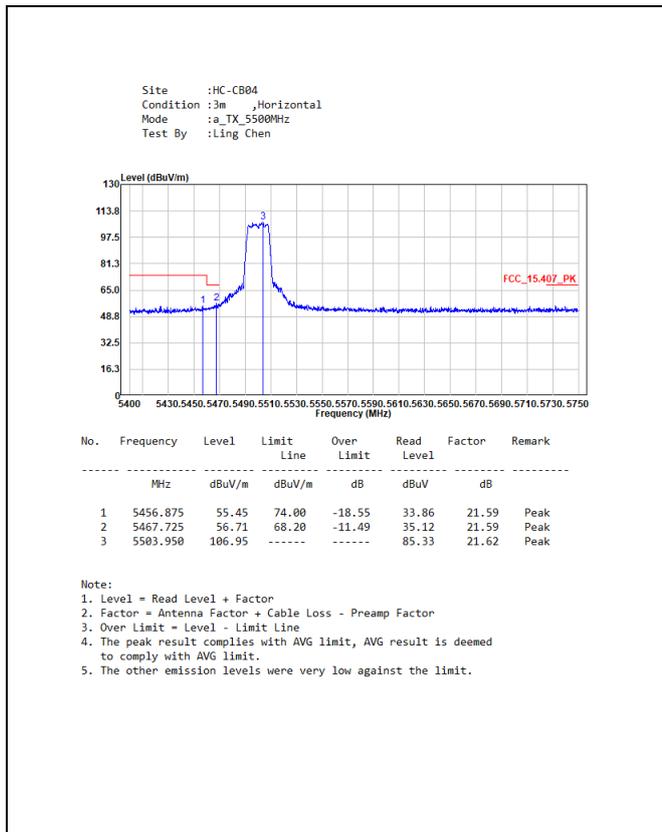


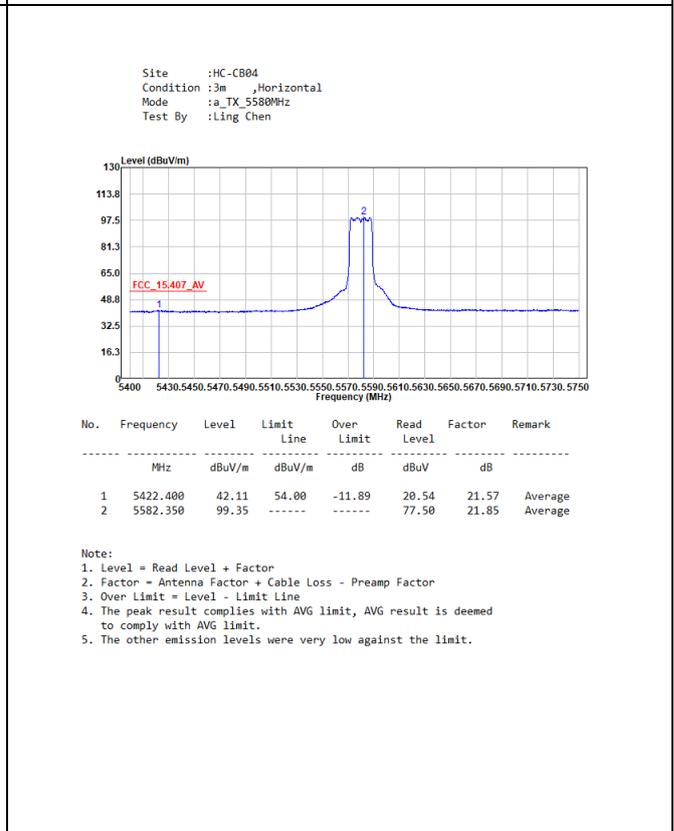
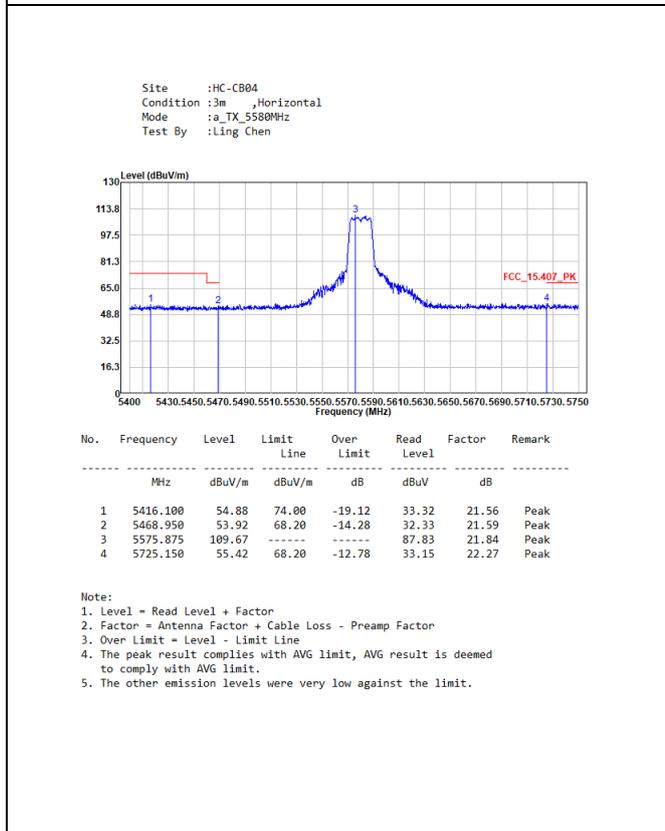
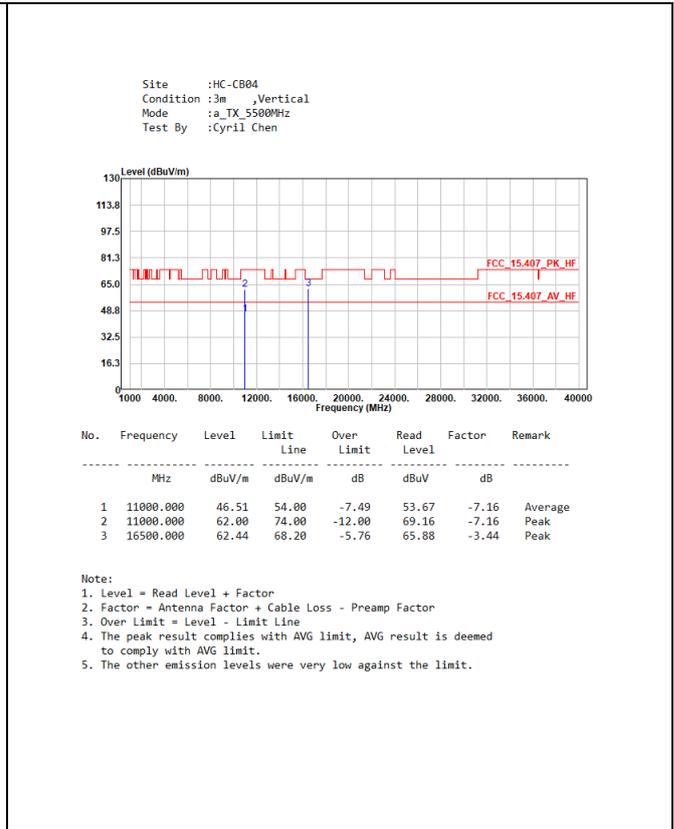
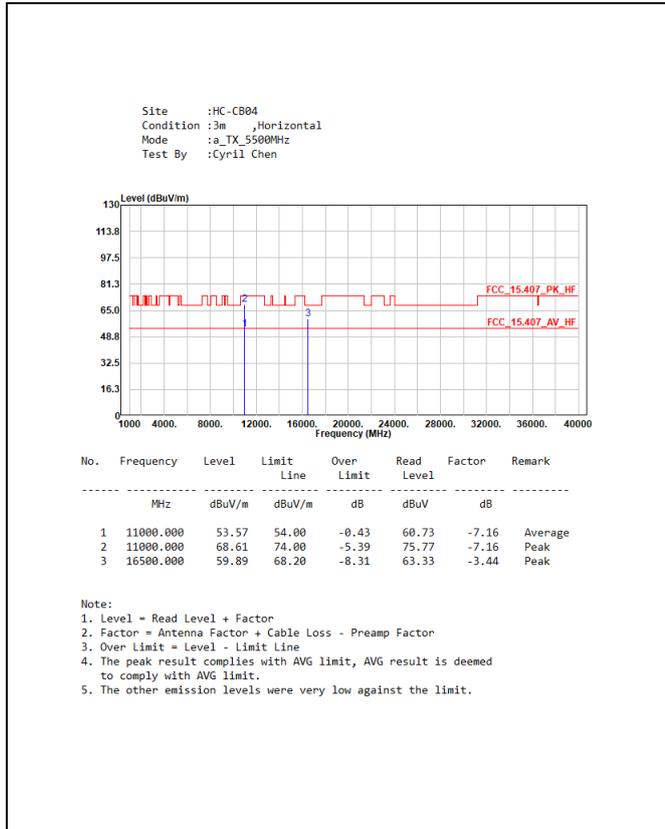


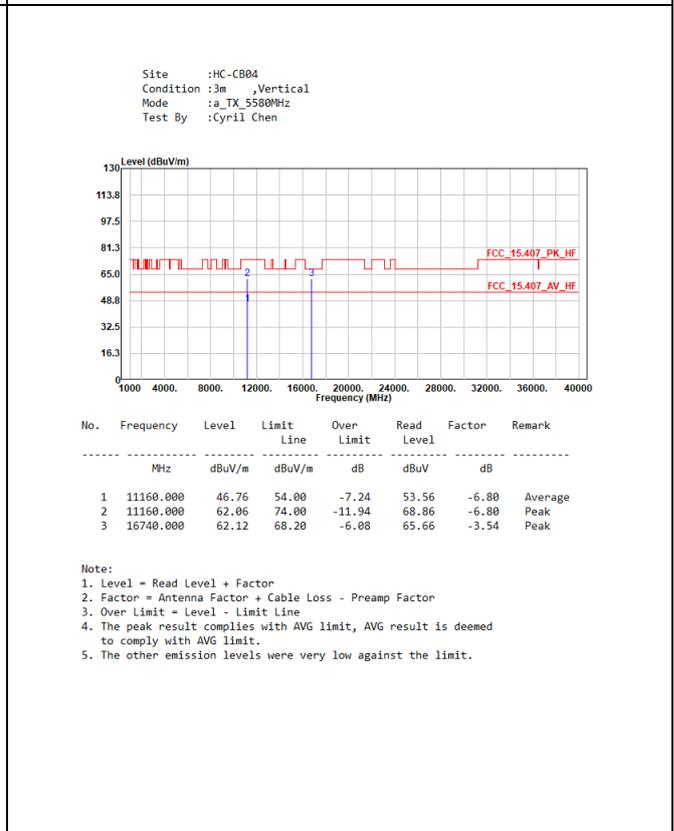
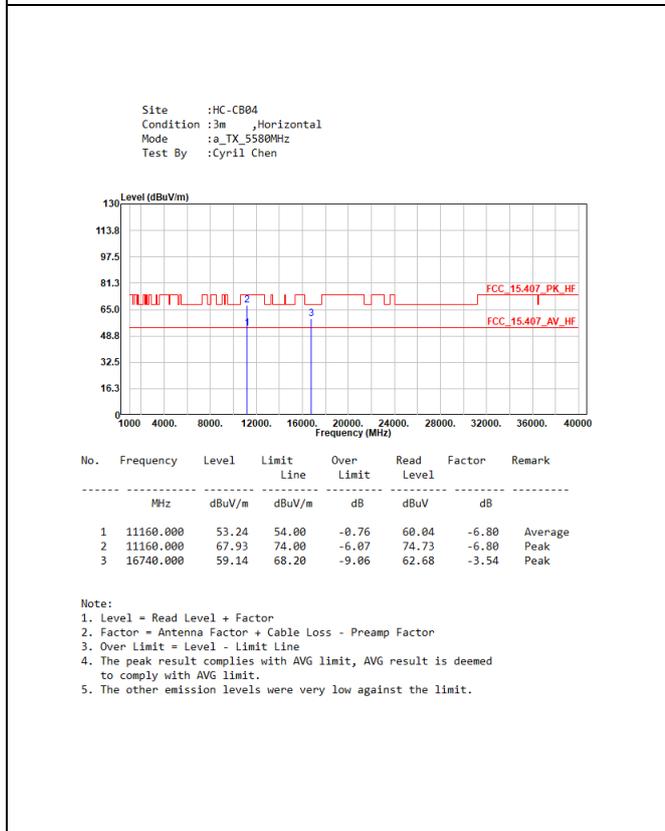
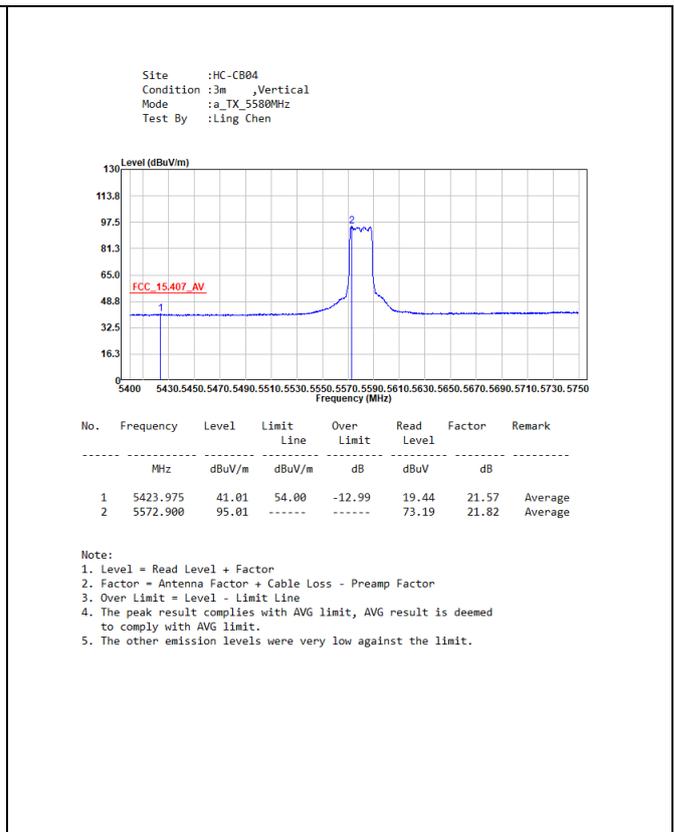
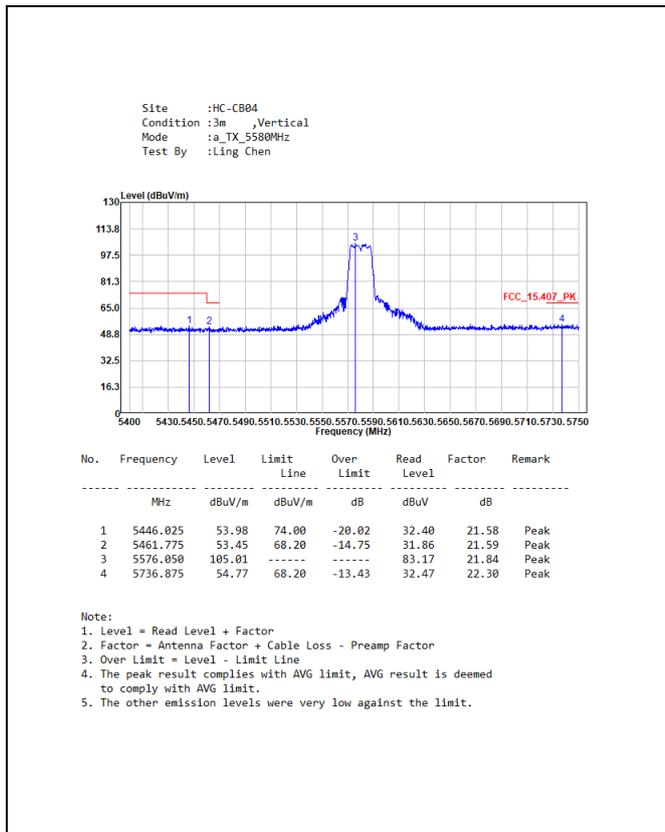


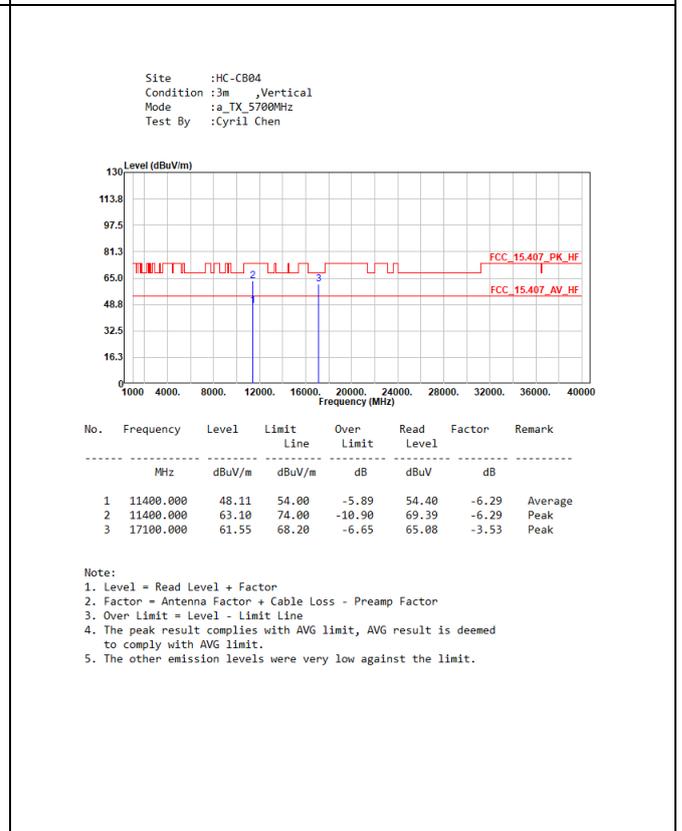
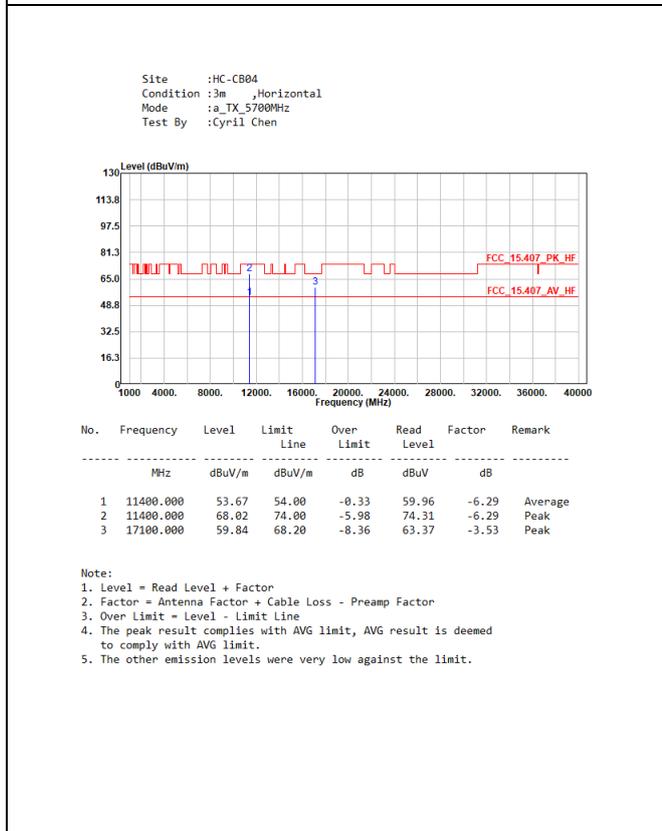
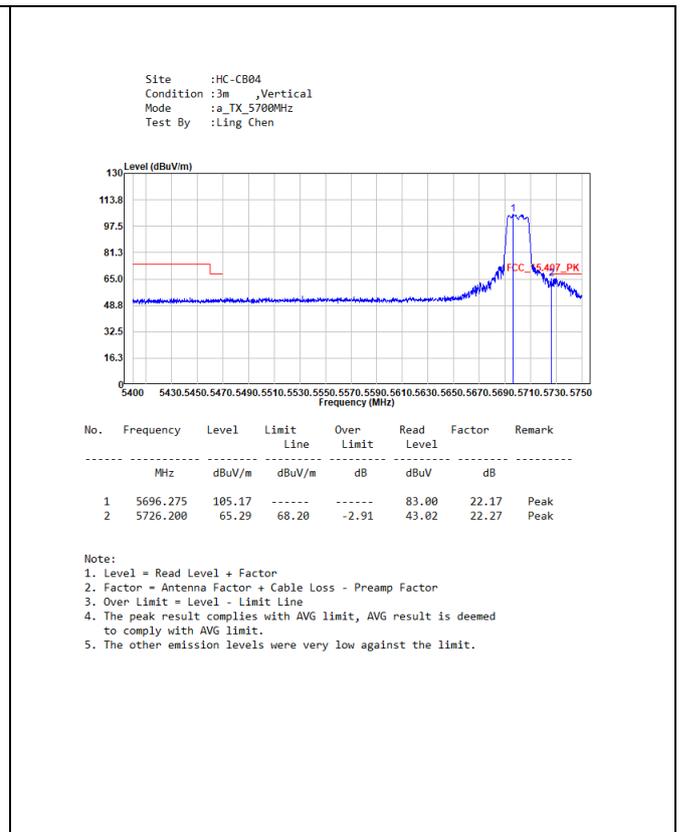
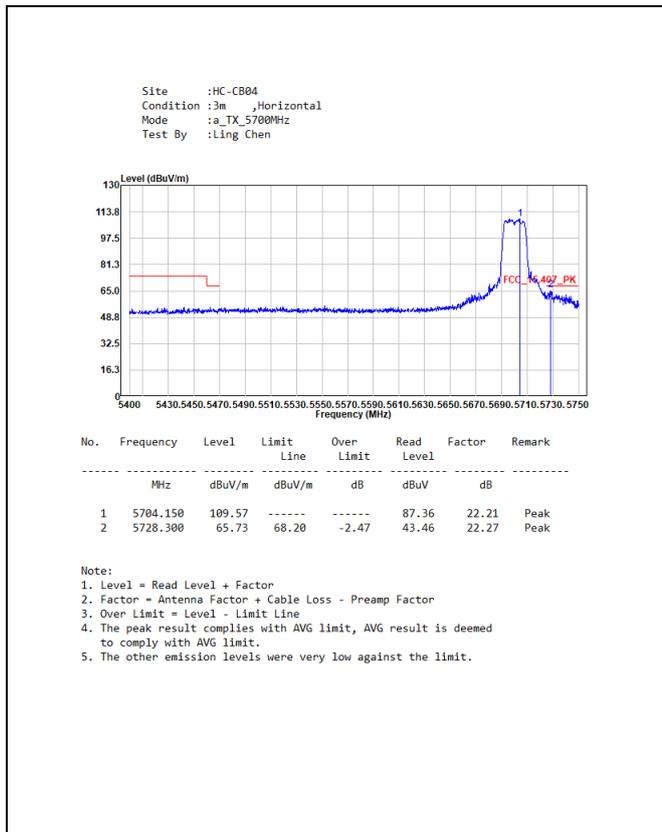


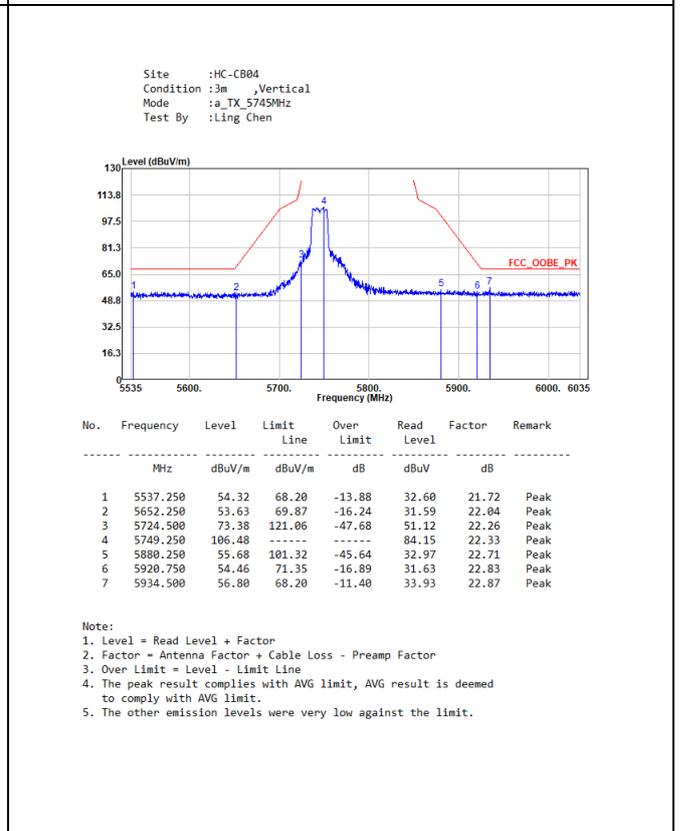
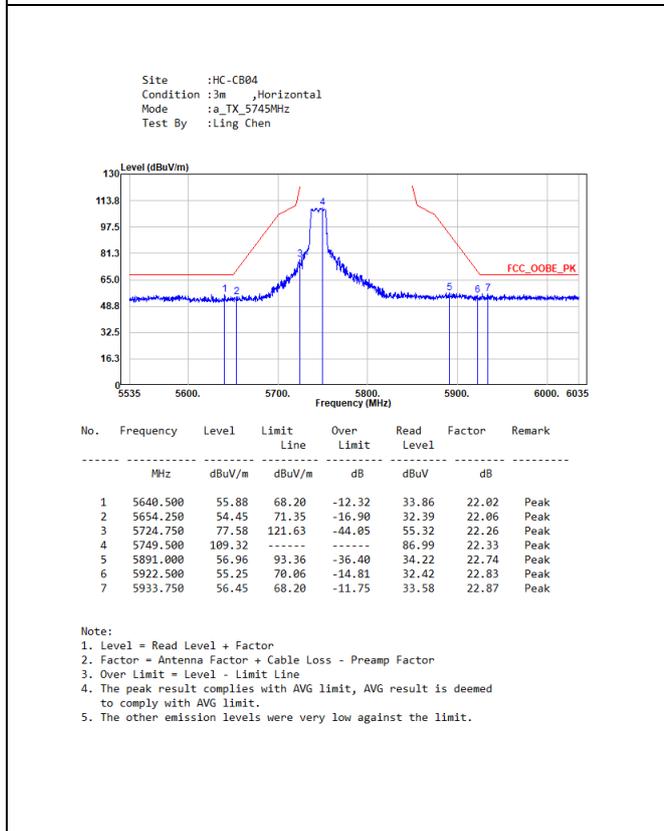
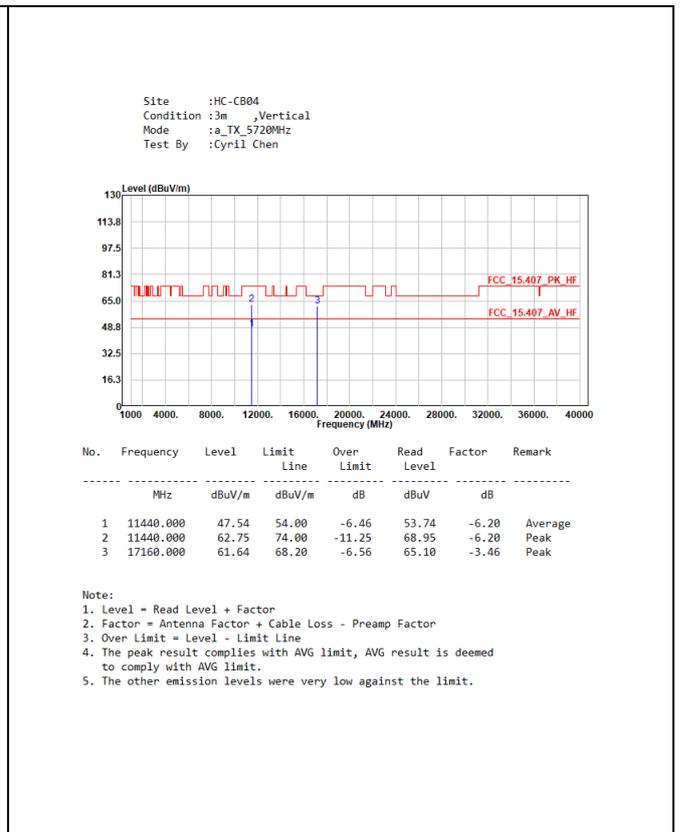
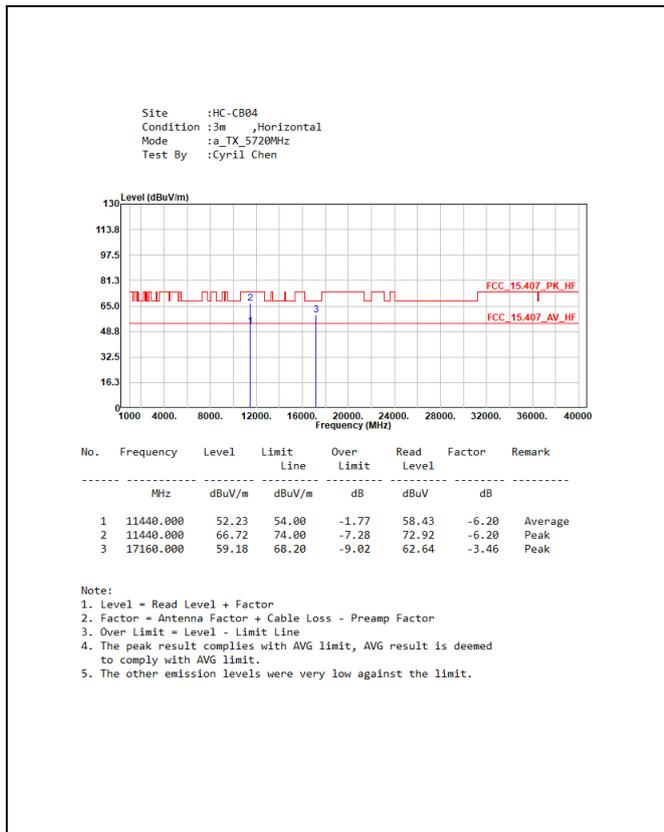


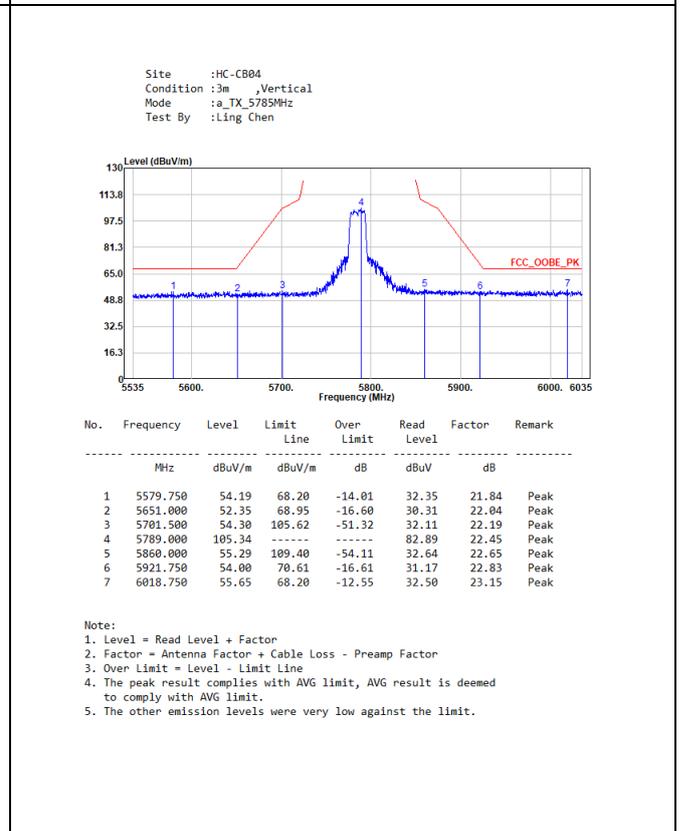
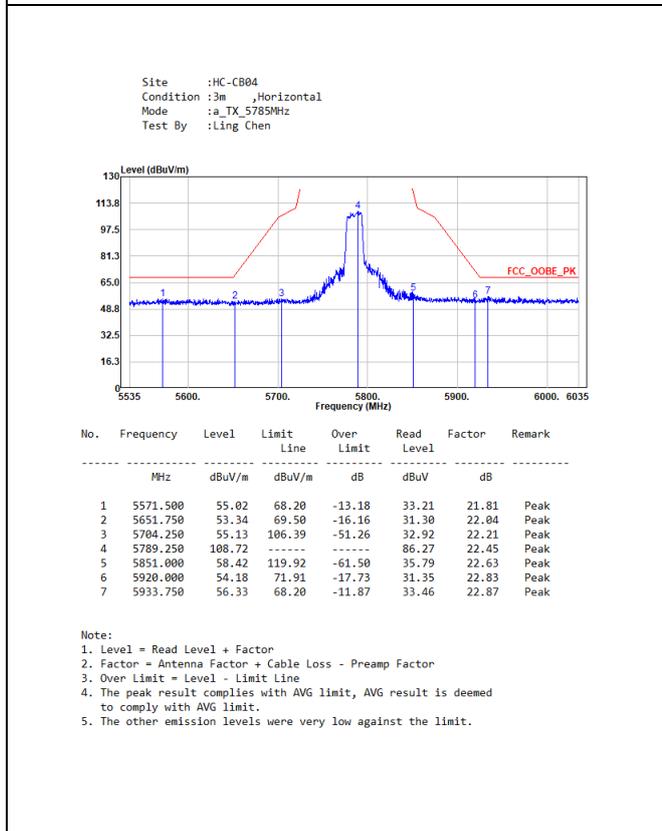
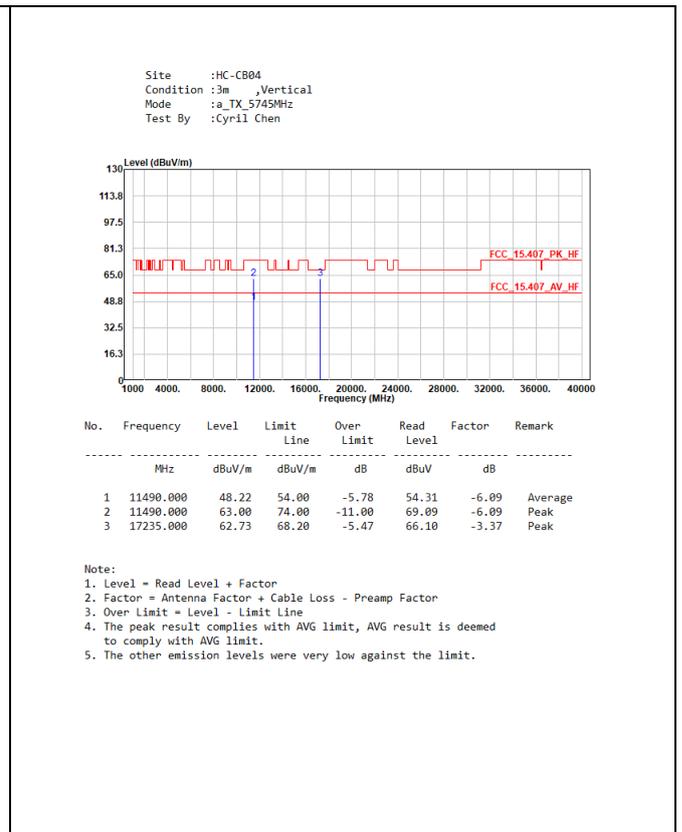
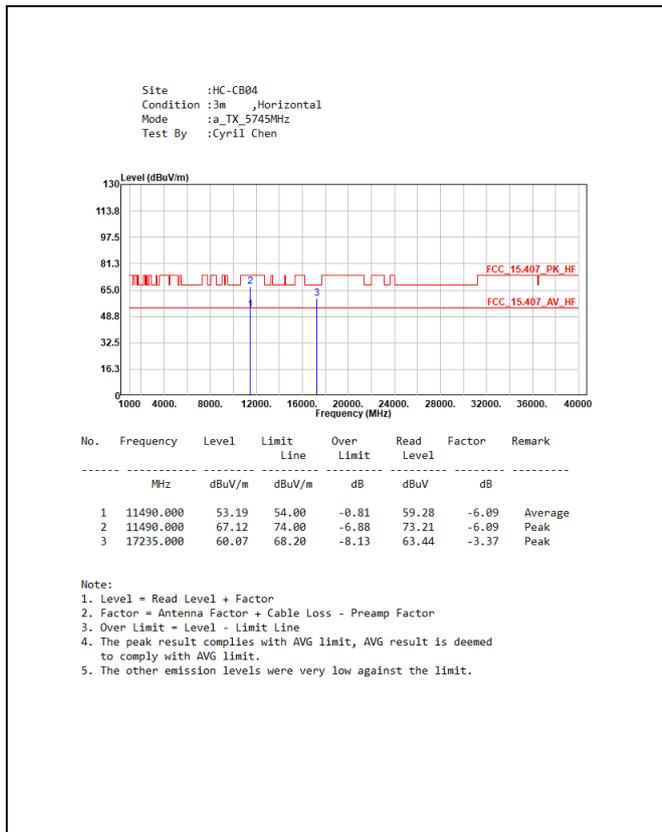


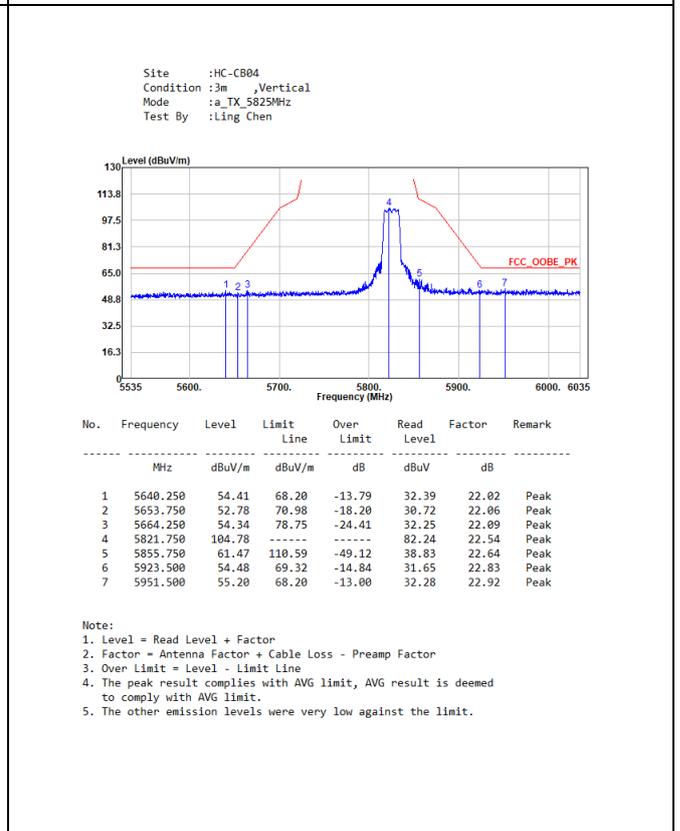
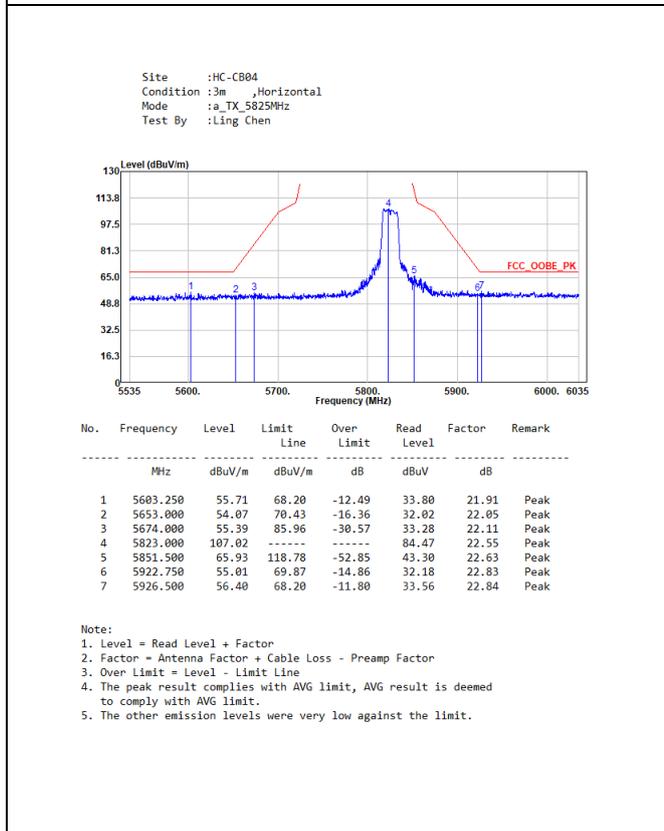
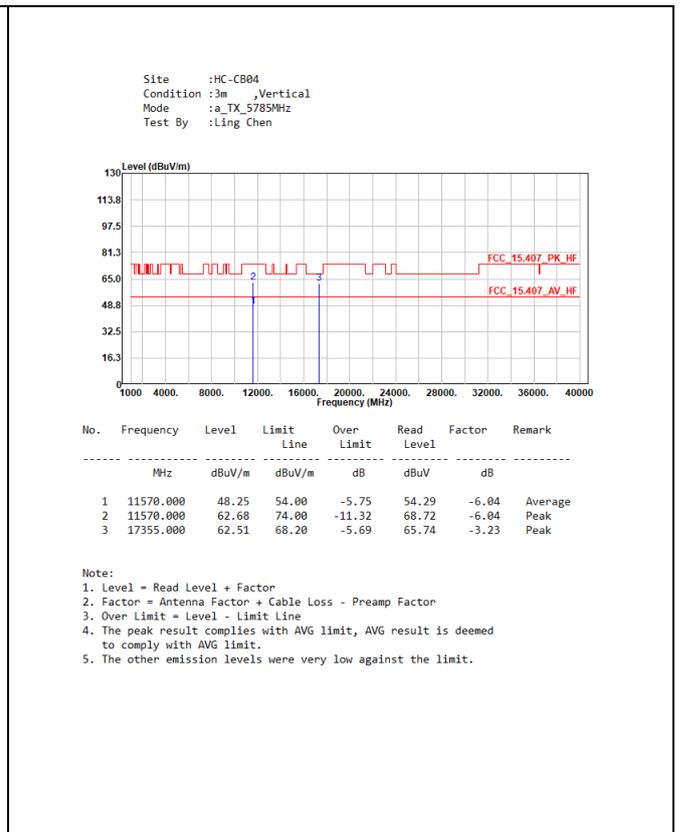
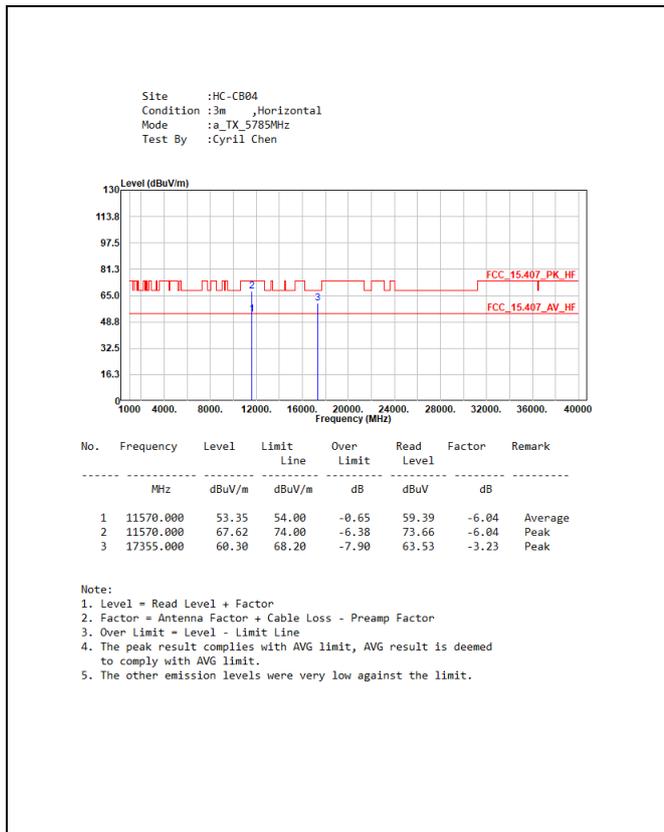


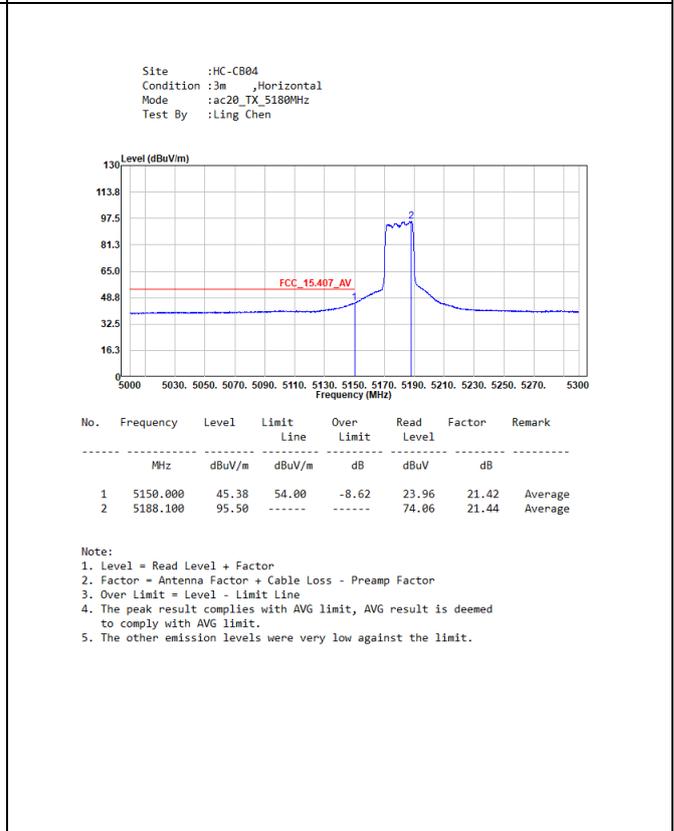
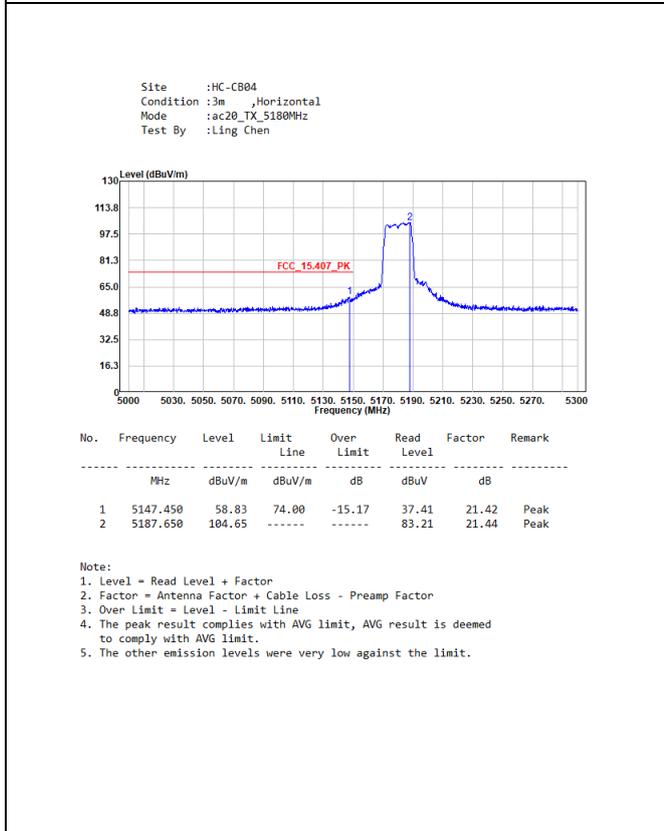
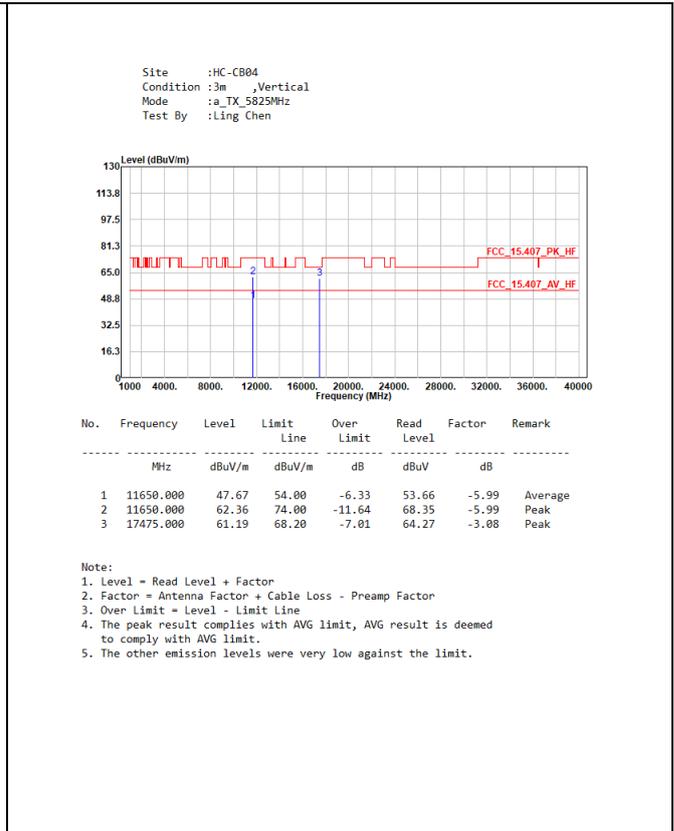
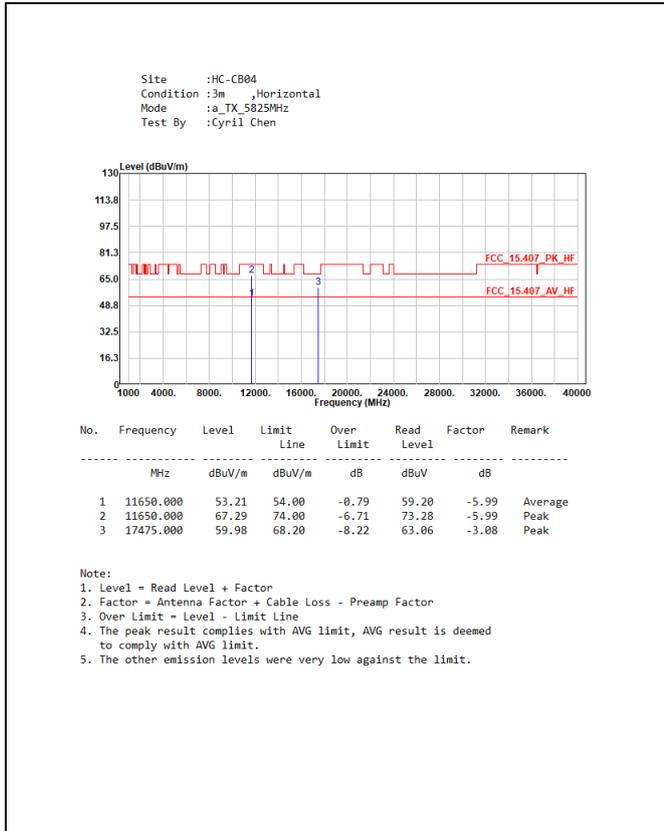


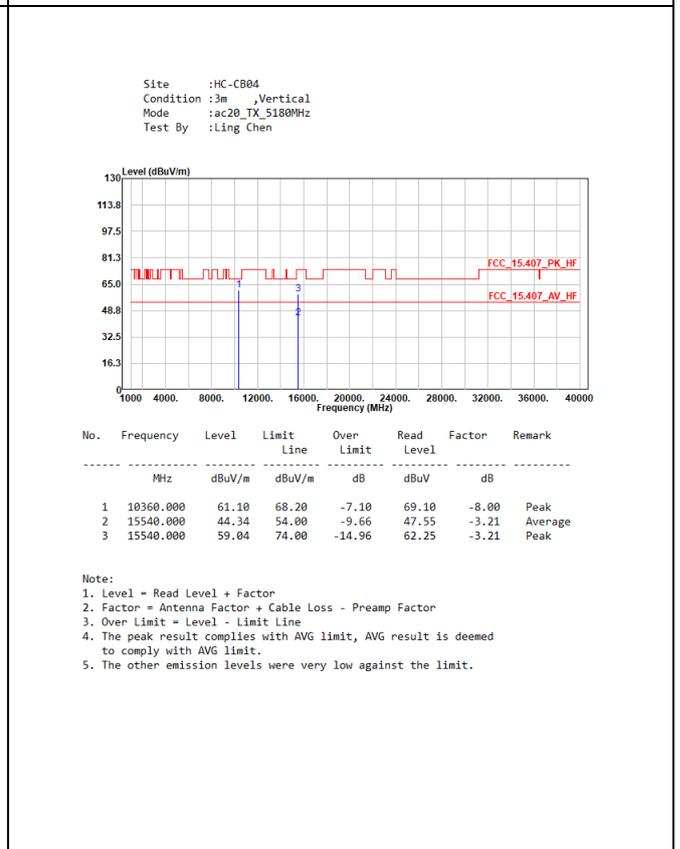
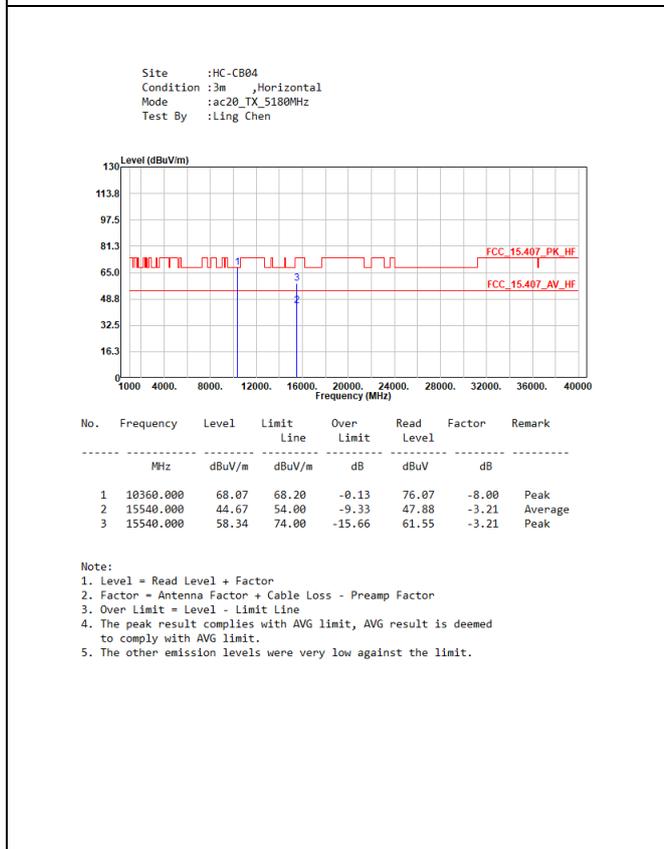
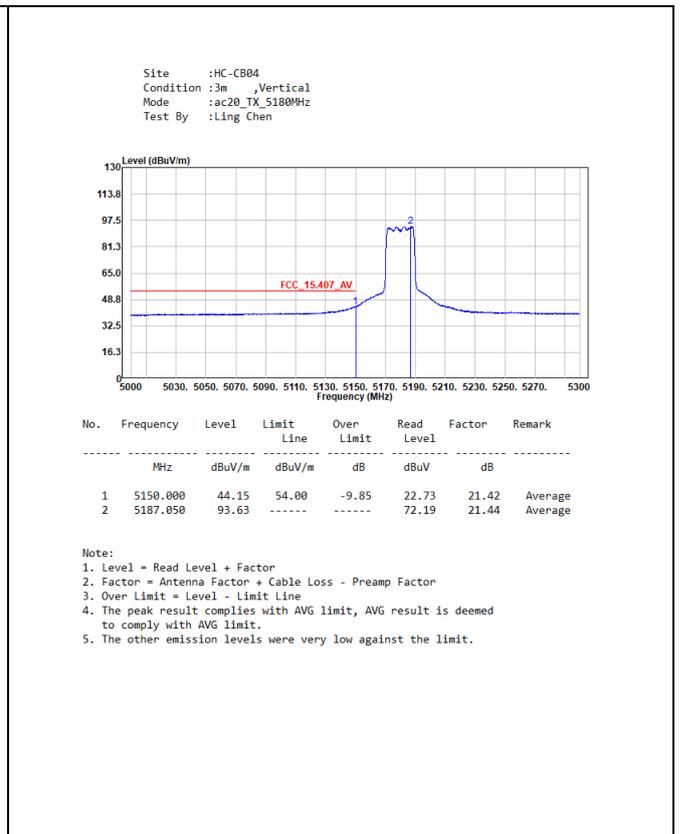
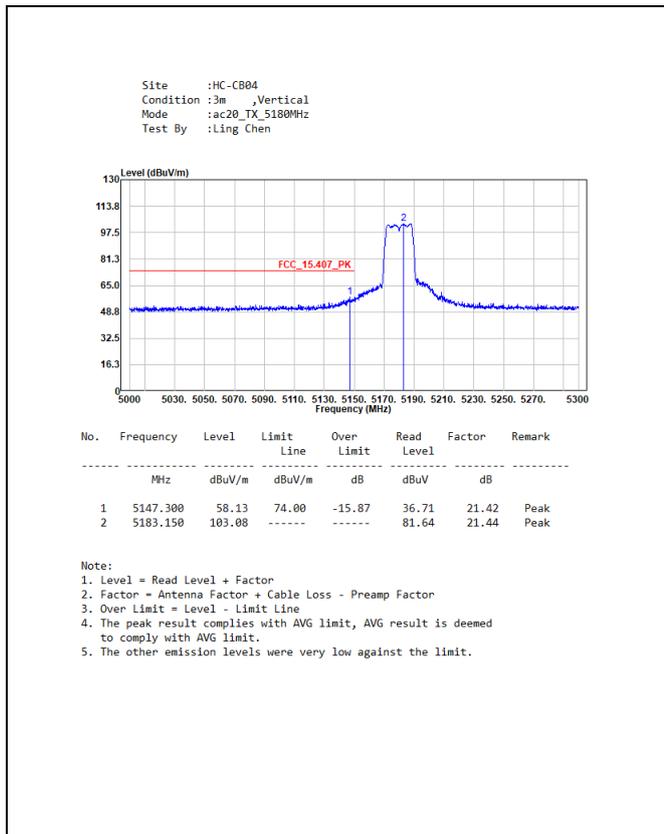


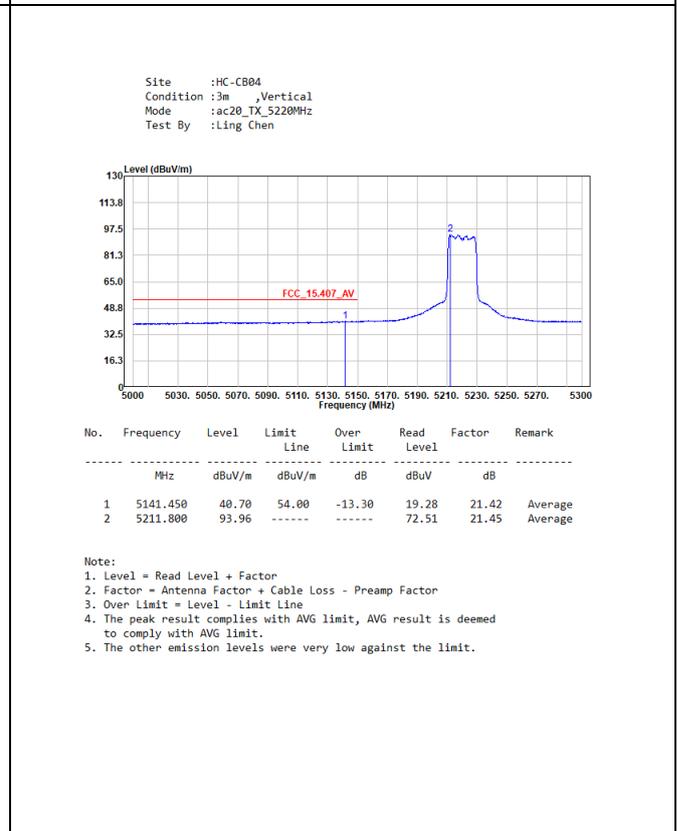
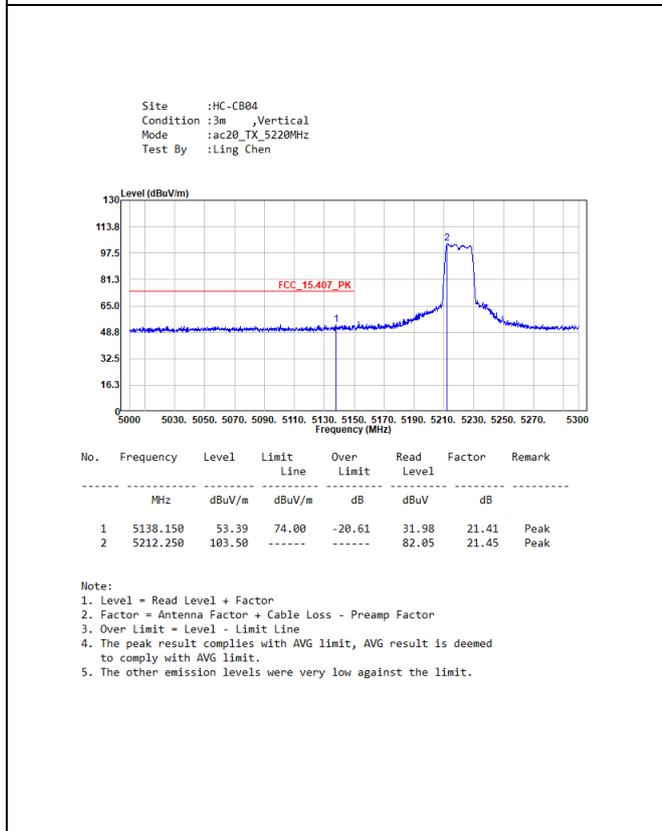
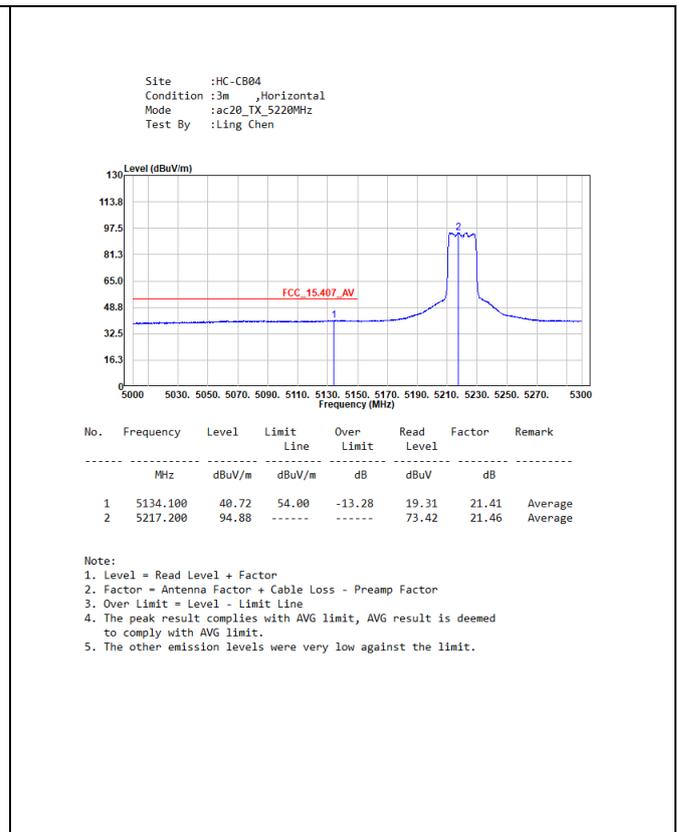
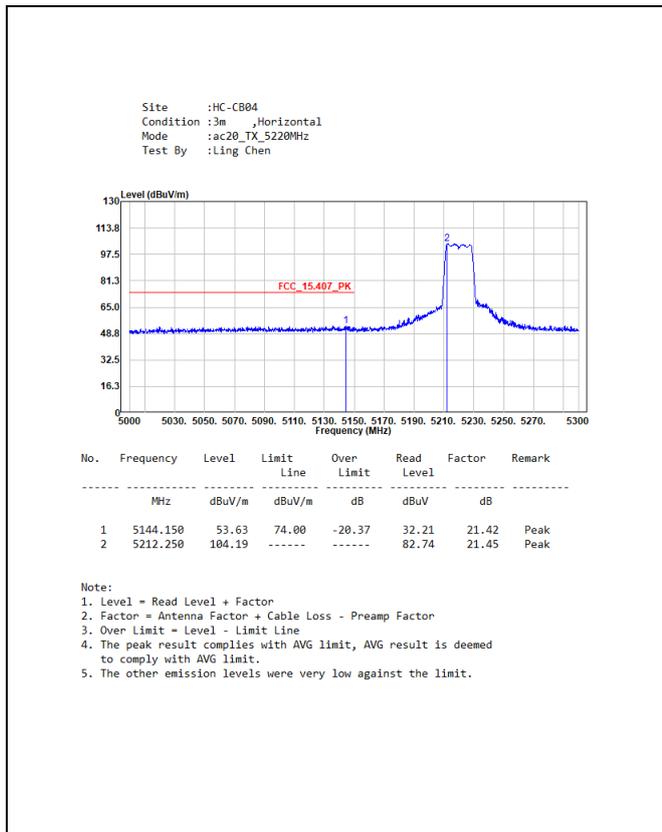


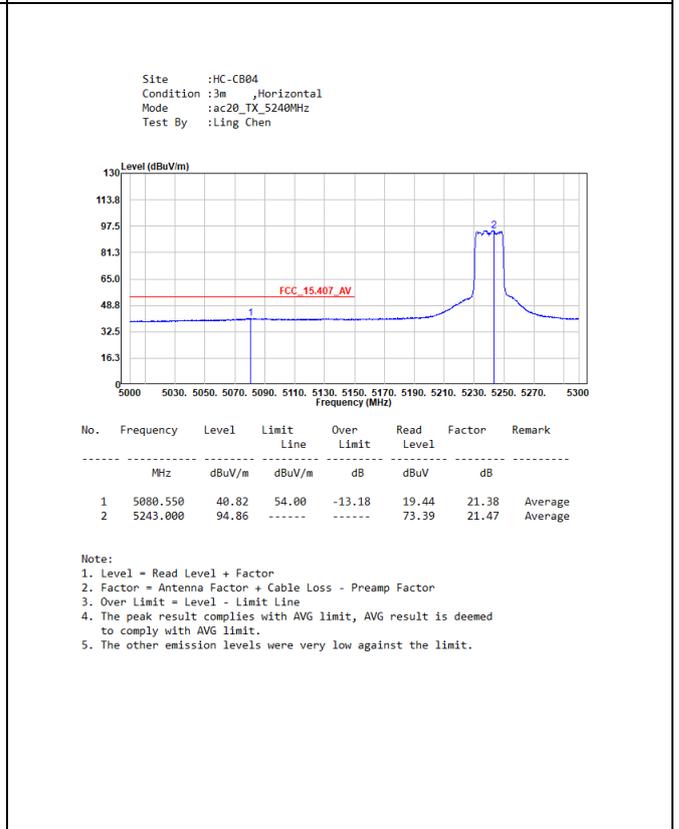
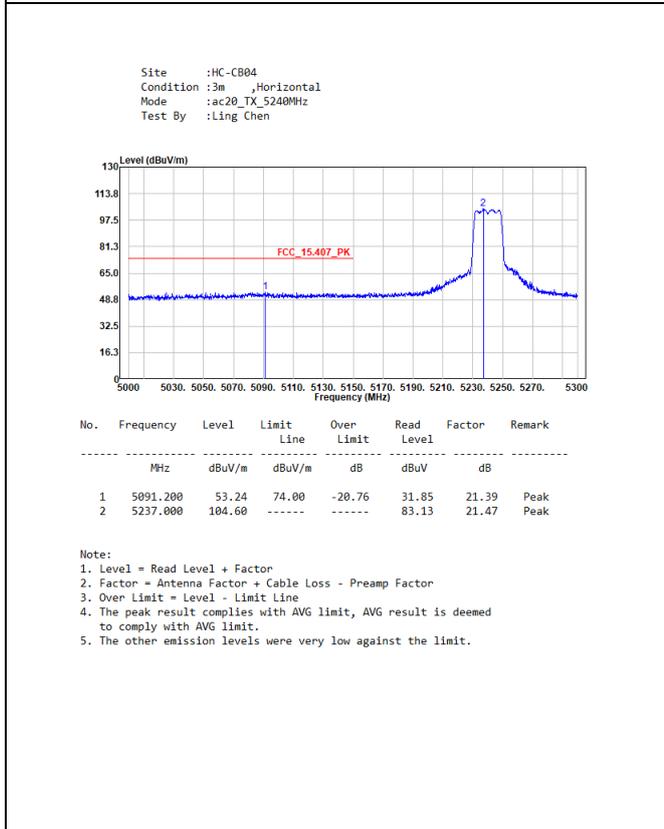
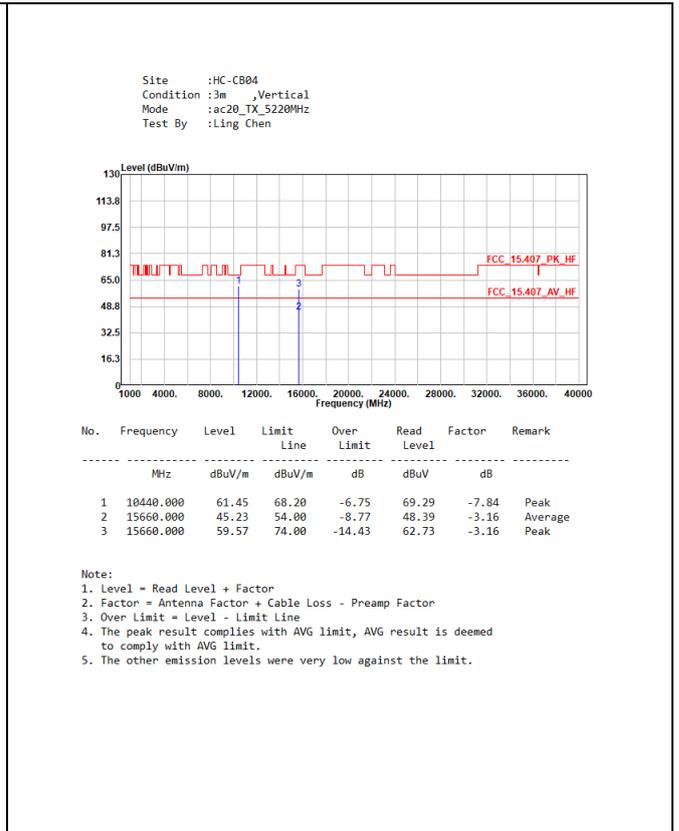
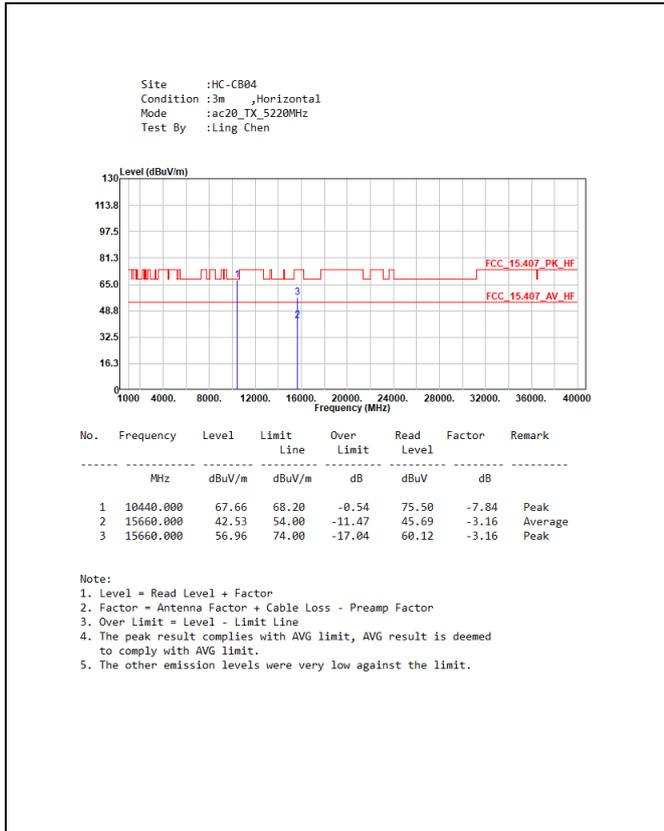


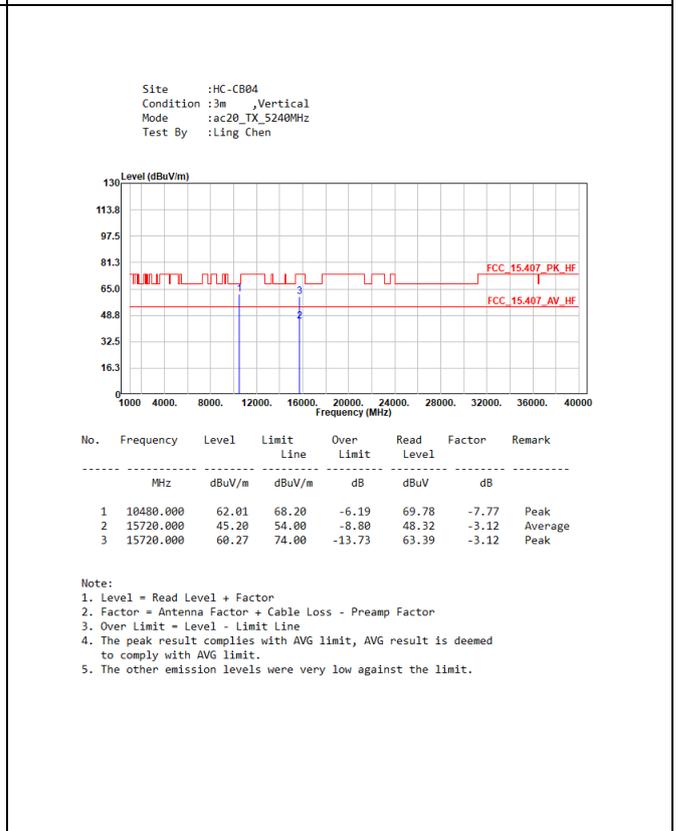
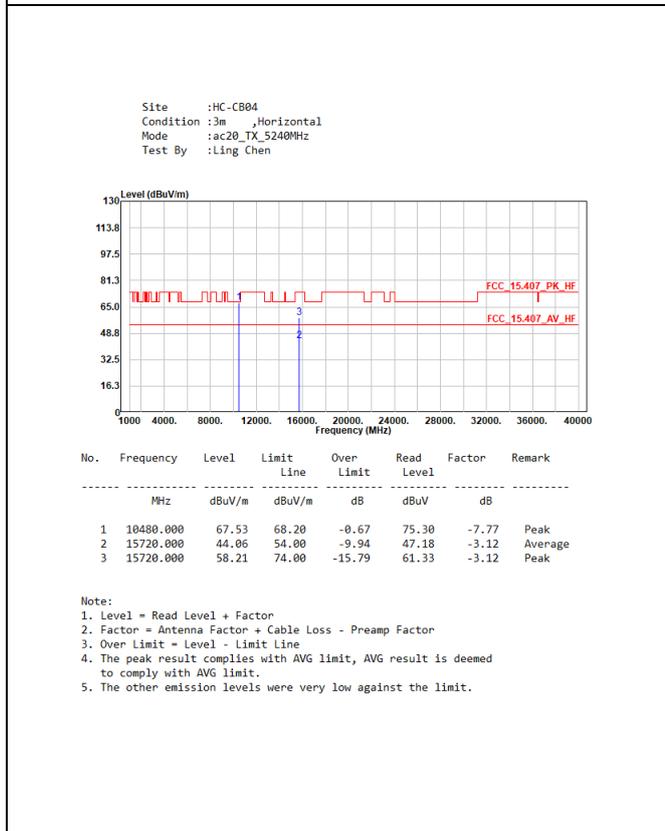
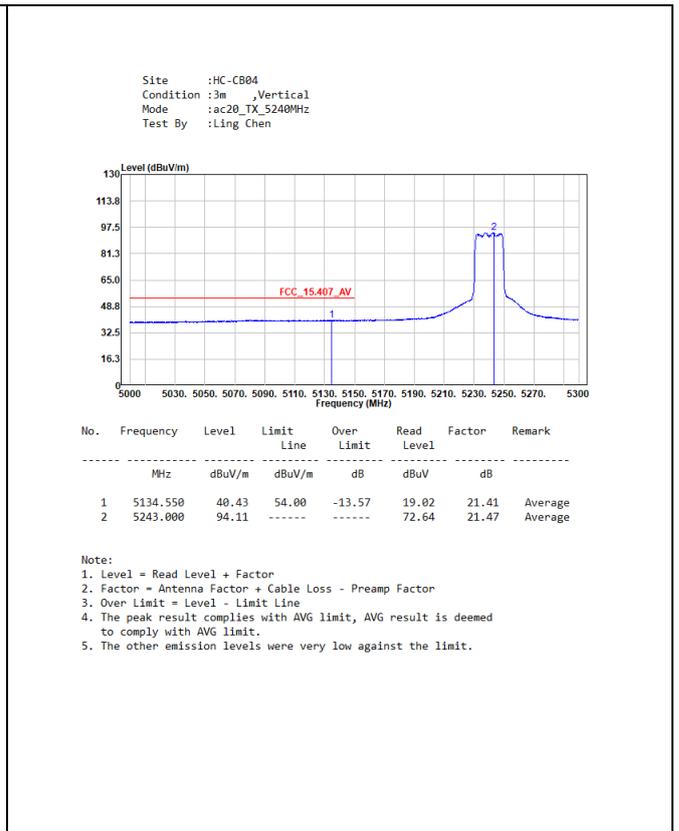
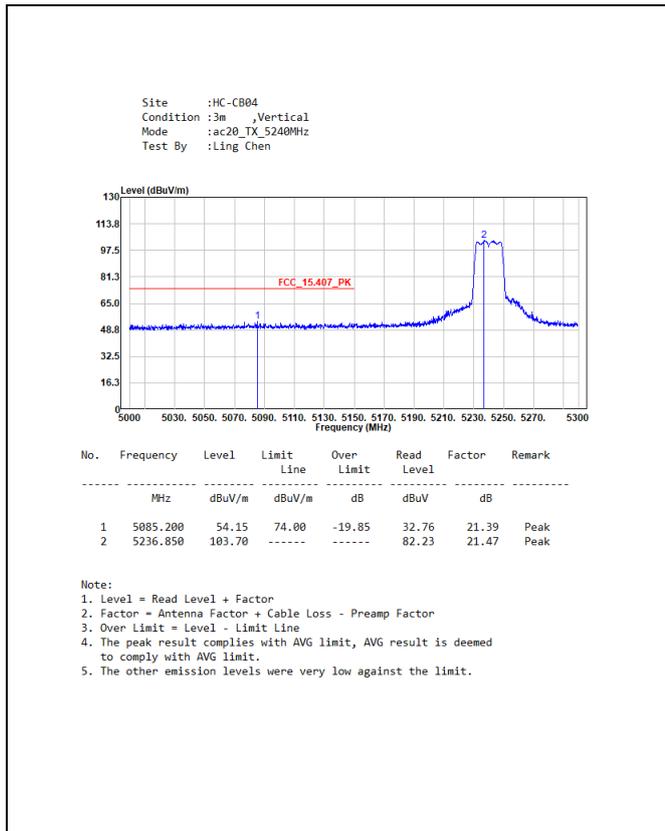




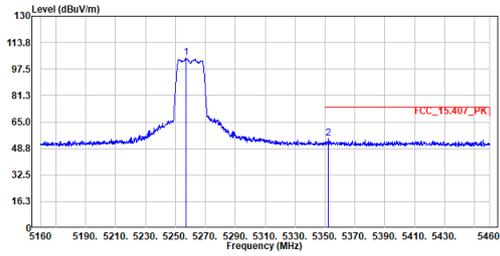








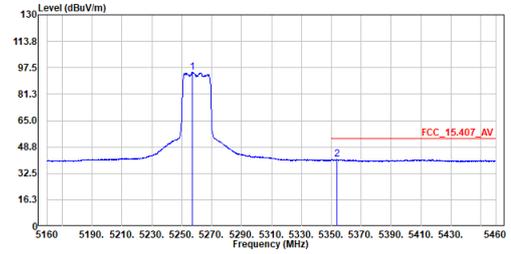
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5260MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5256.900	104.39	-----	-----	82.91	21.48	Peak
2	5352.300	55.13	74.00	-18.87	33.60	21.53	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

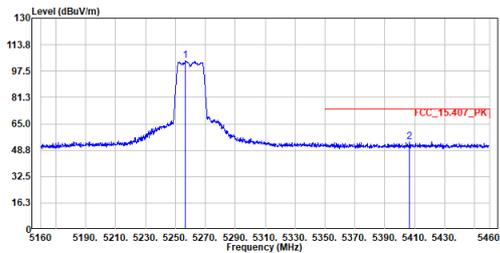
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5260MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5257.050	94.69	-----	-----	73.21	21.48	Average
2	5353.800	41.02	54.00	-12.98	19.49	21.53	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

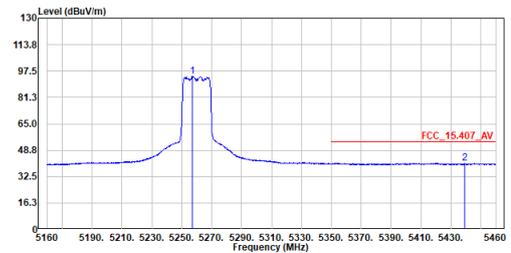
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5260MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5256.750	103.85	-----	-----	82.37	21.48	Peak
2	5406.450	54.09	74.00	-19.91	32.53	21.56	Peak

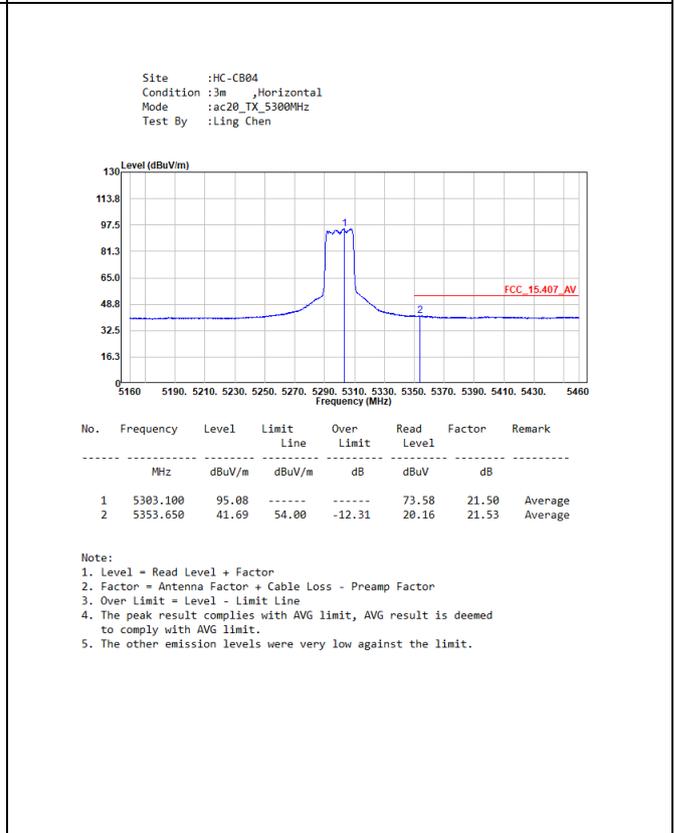
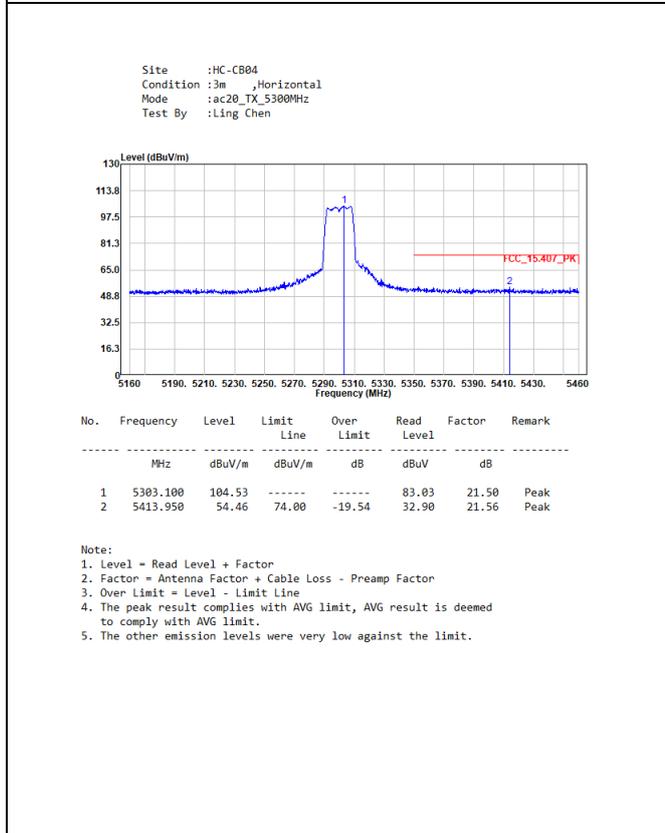
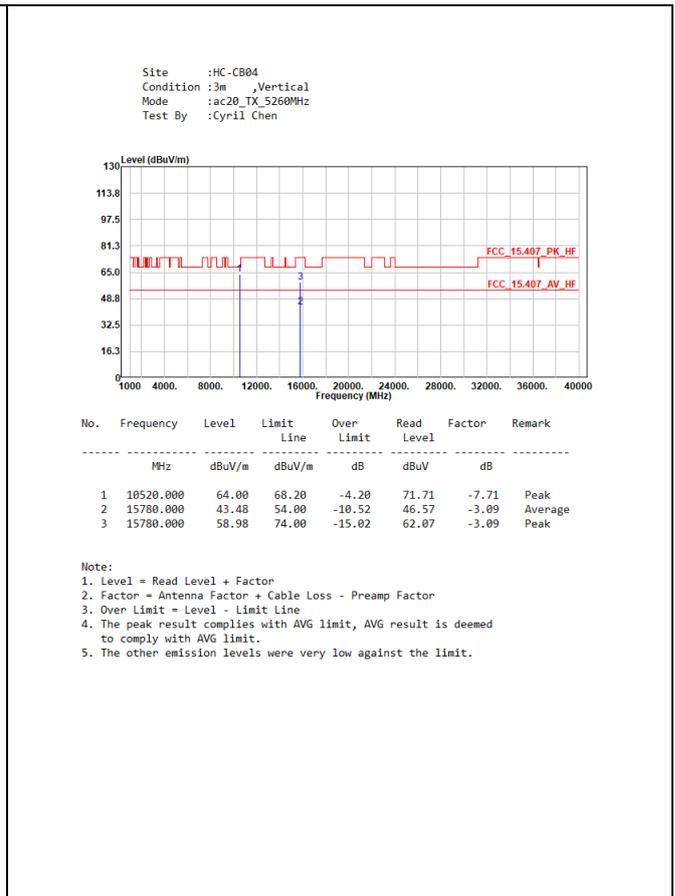
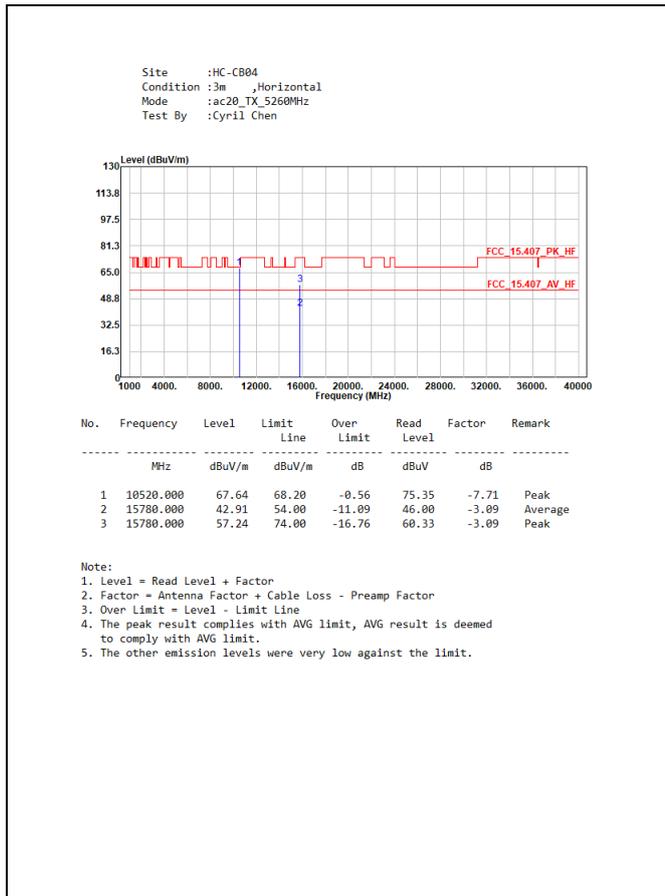
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

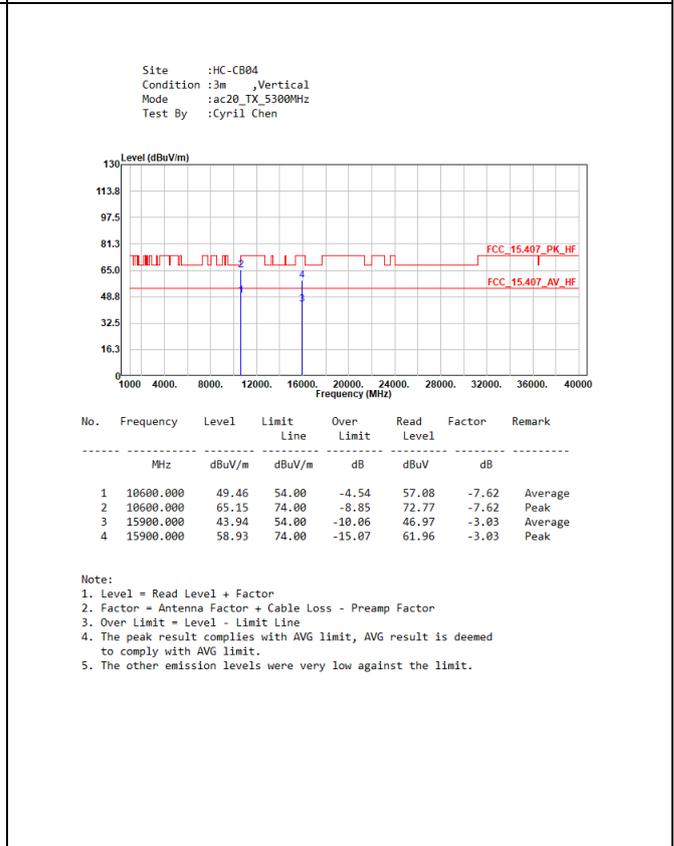
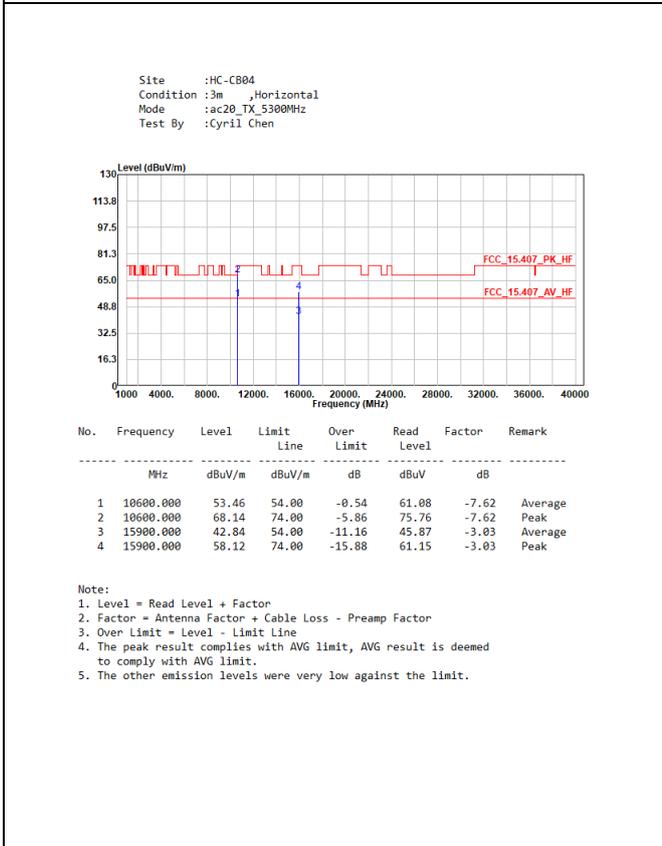
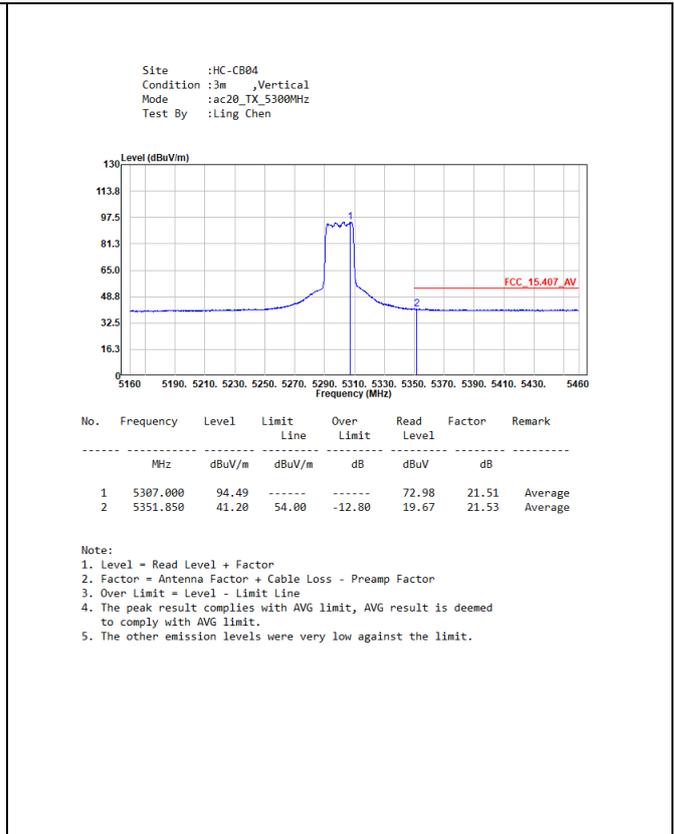
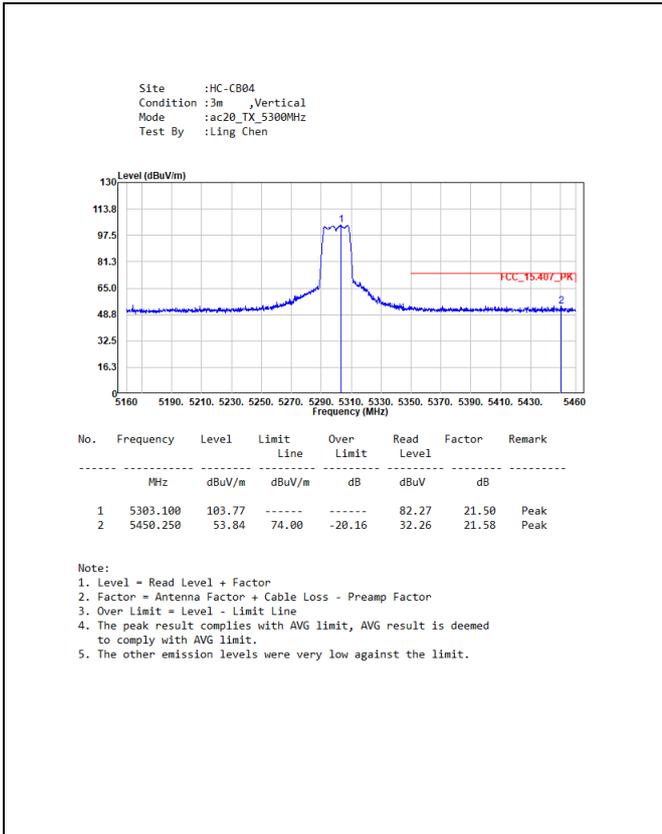
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5260MHz  
 Test By :Ling Chen

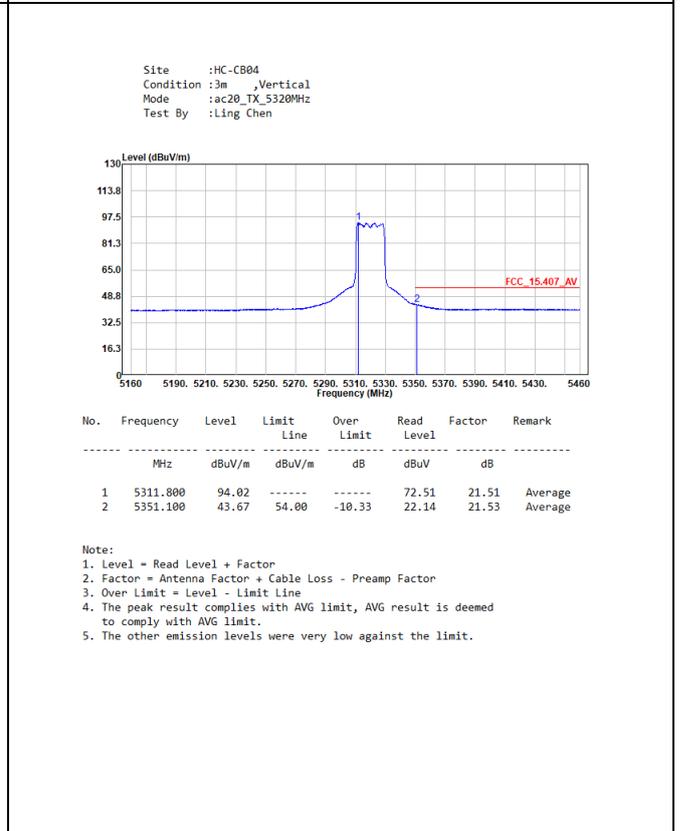
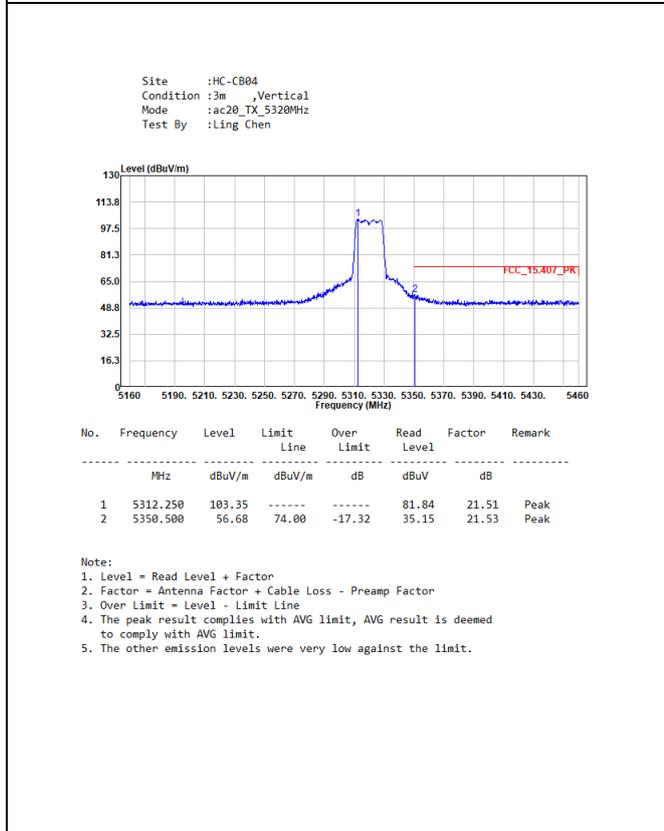
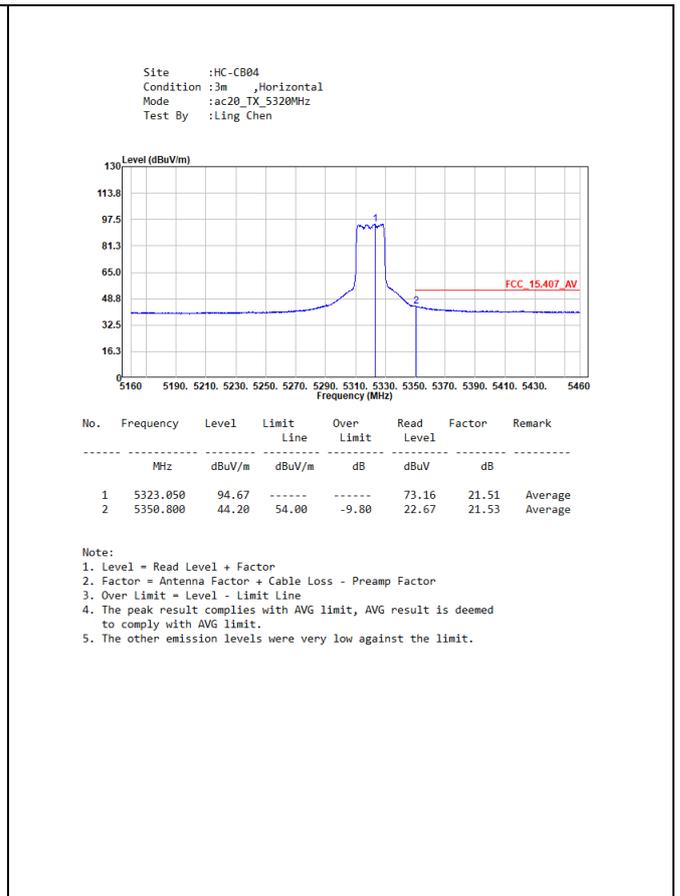
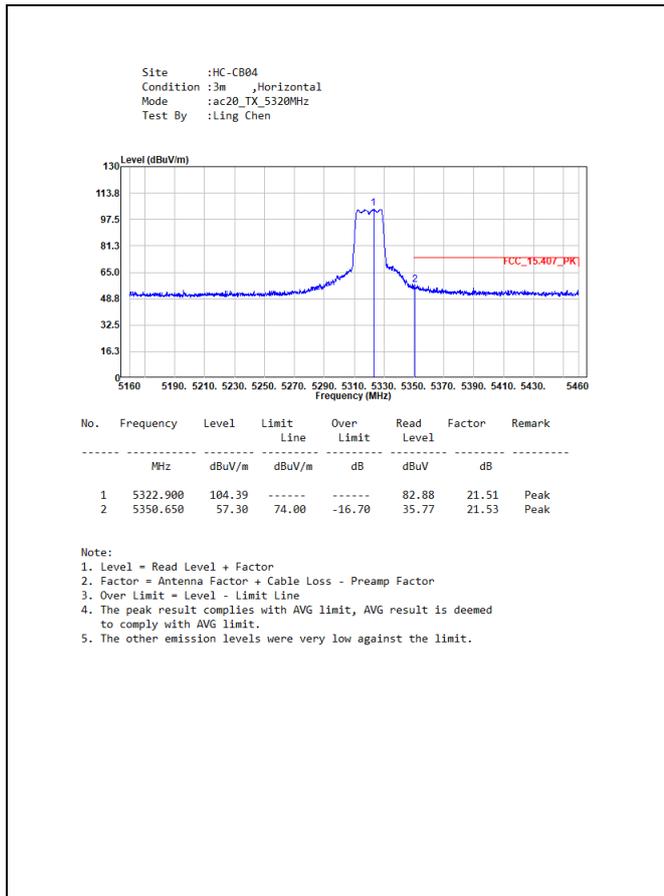


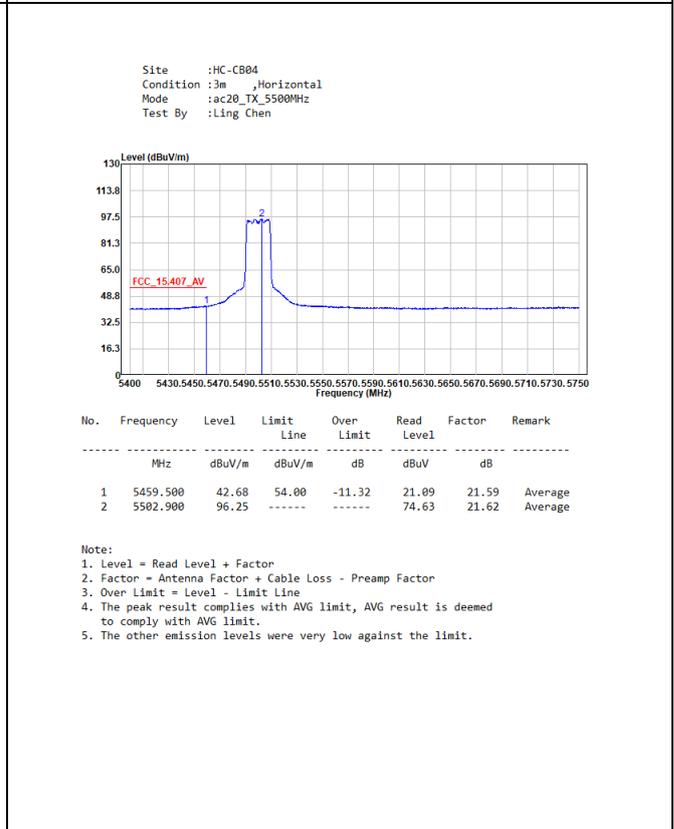
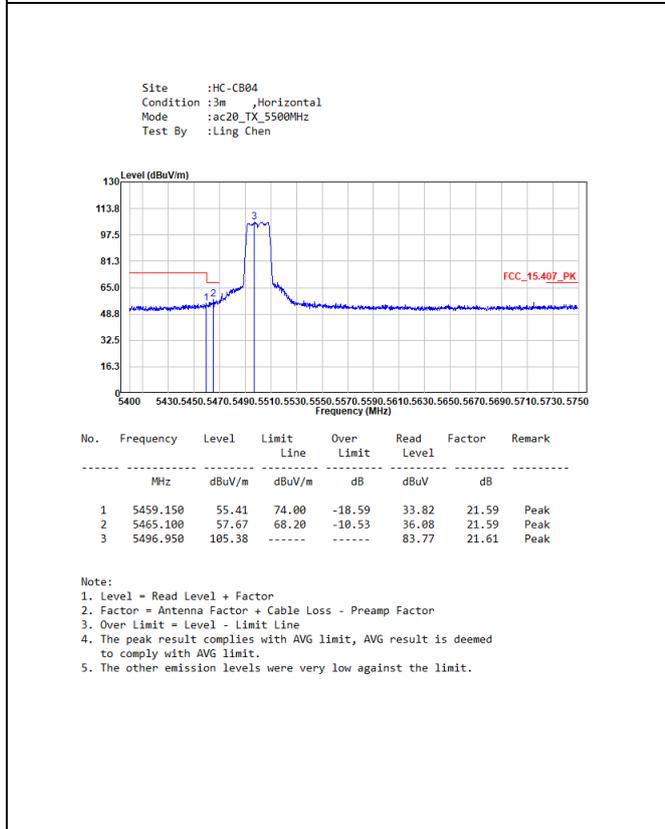
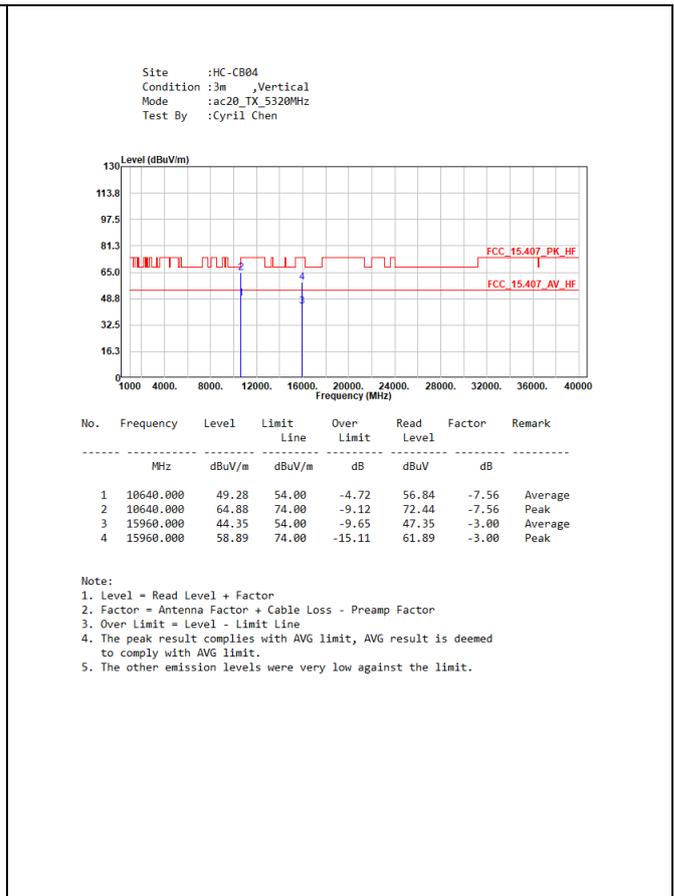
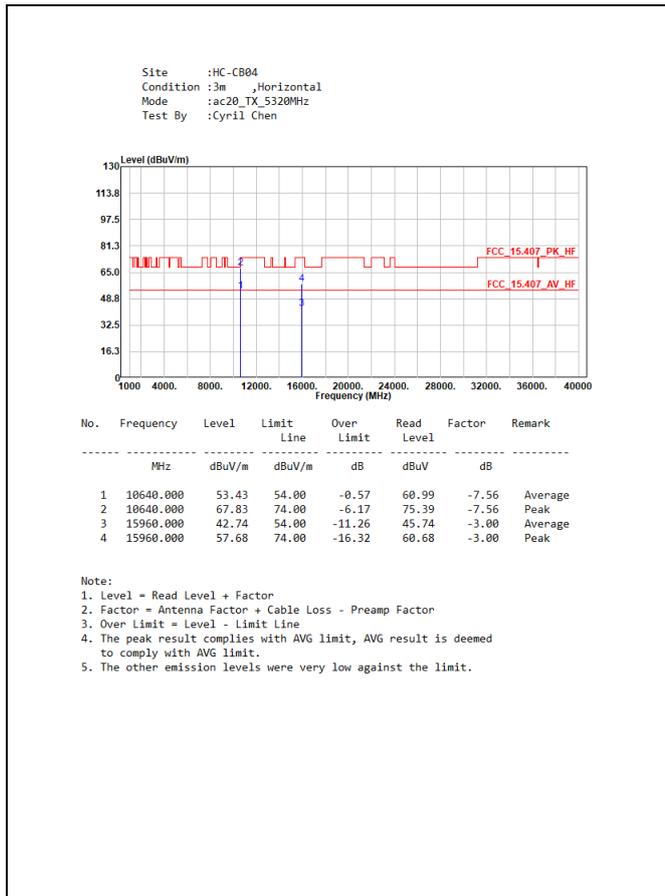
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5257.050	94.22	-----	-----	72.74	21.48	Average
2	5439.150	40.80	54.00	-13.20	19.22	21.58	Average

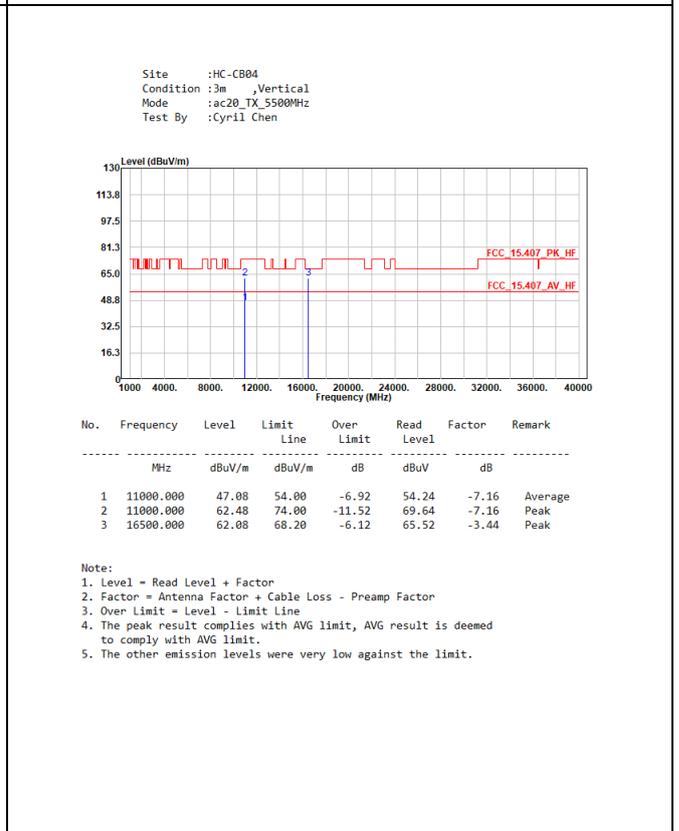
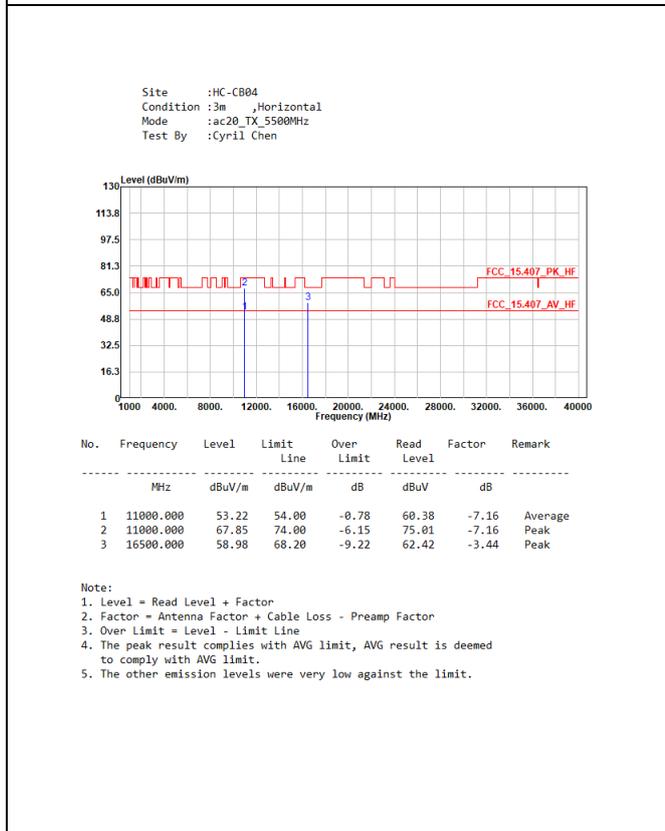
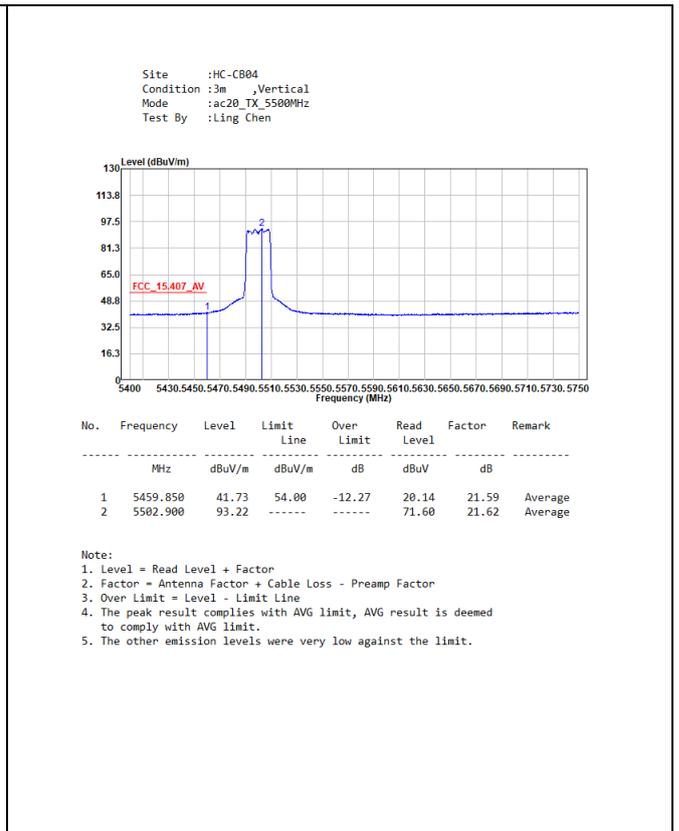
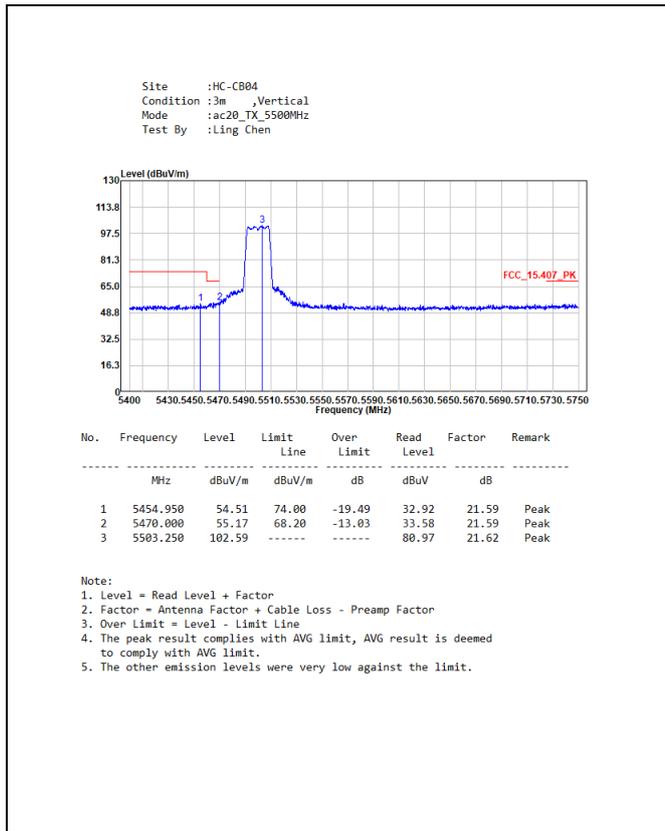
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

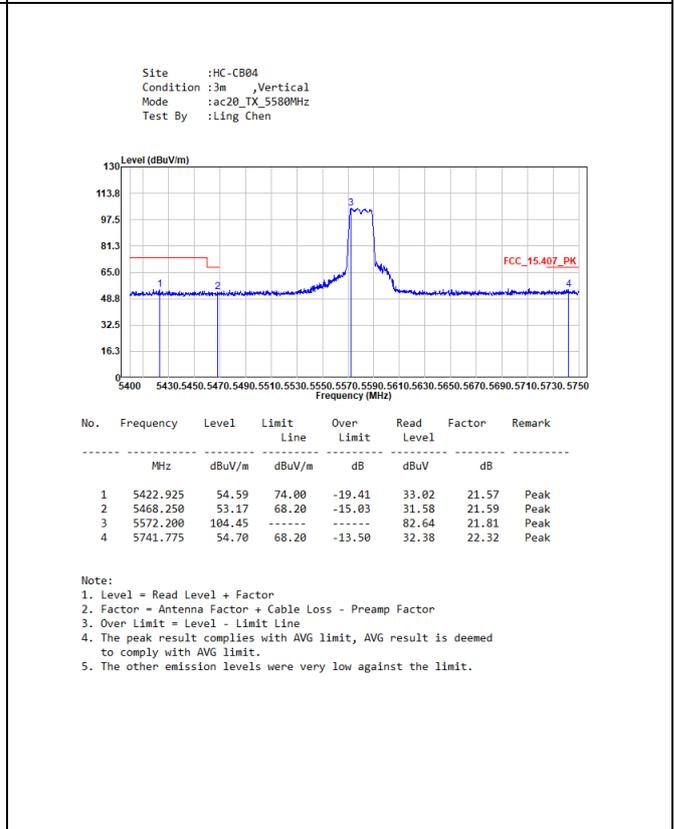
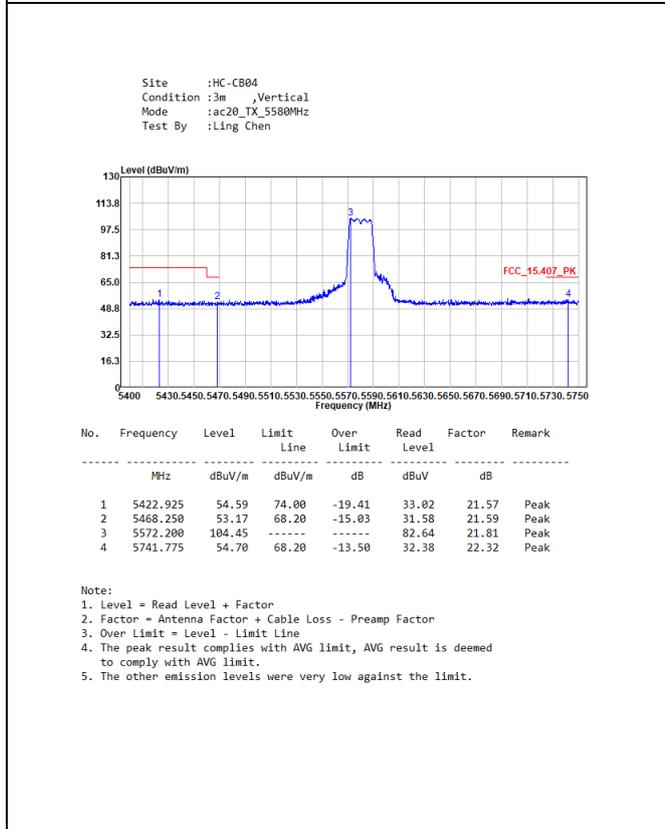
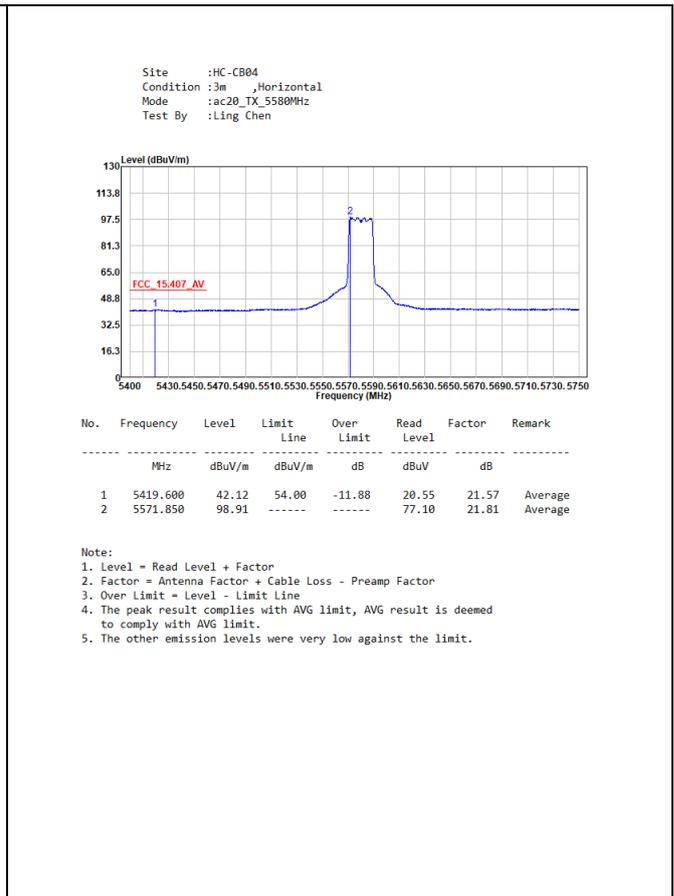
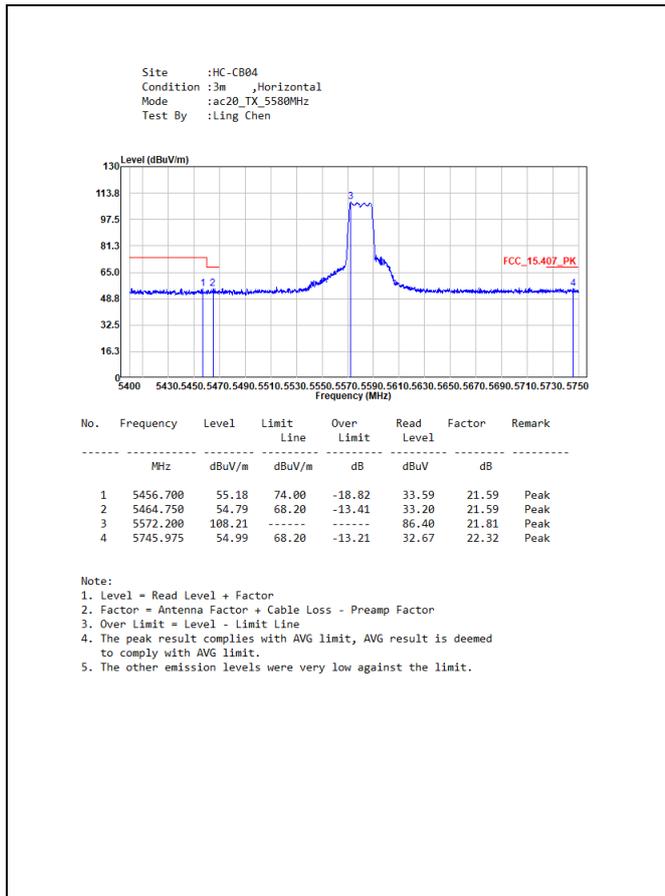


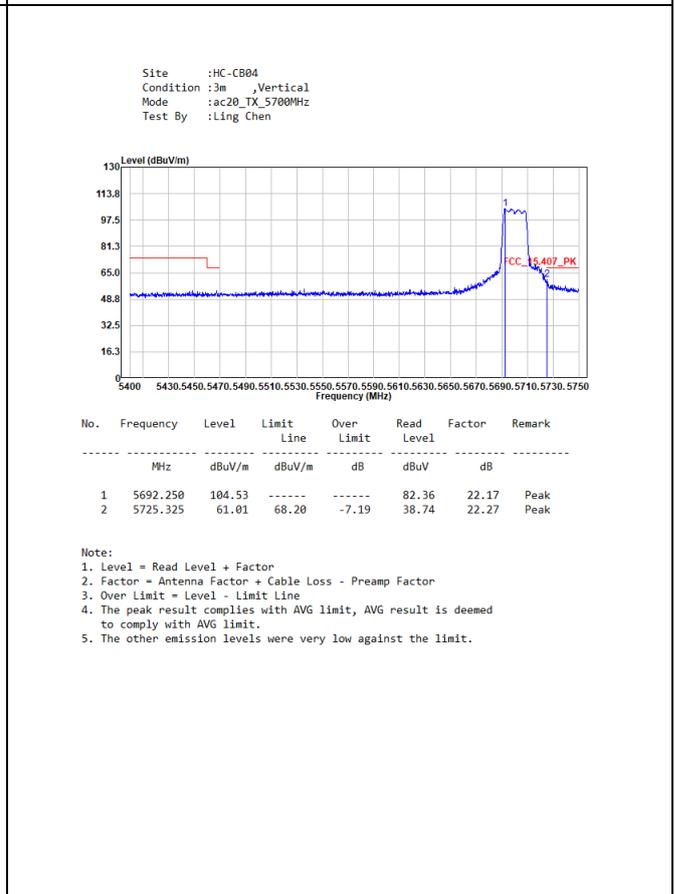
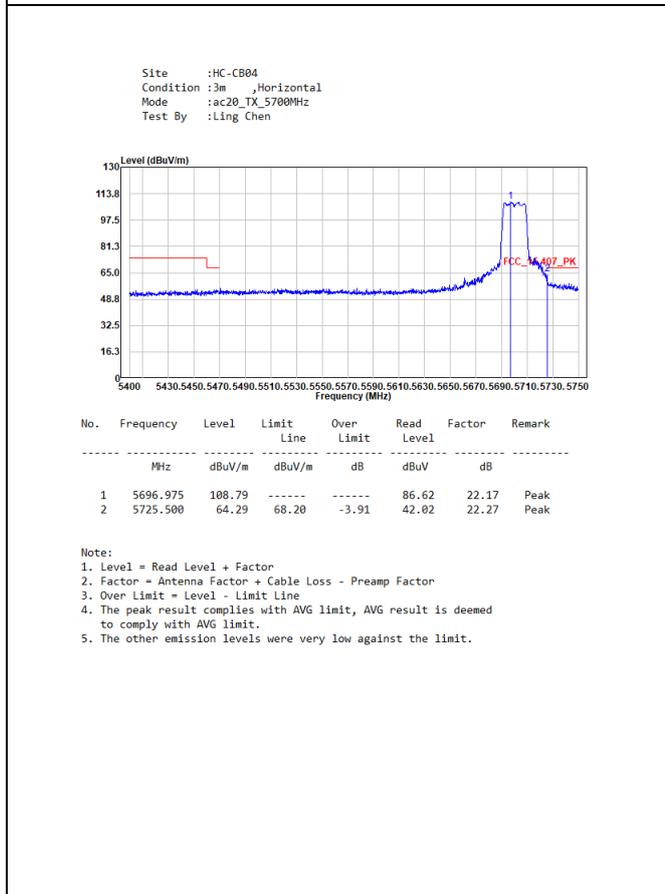
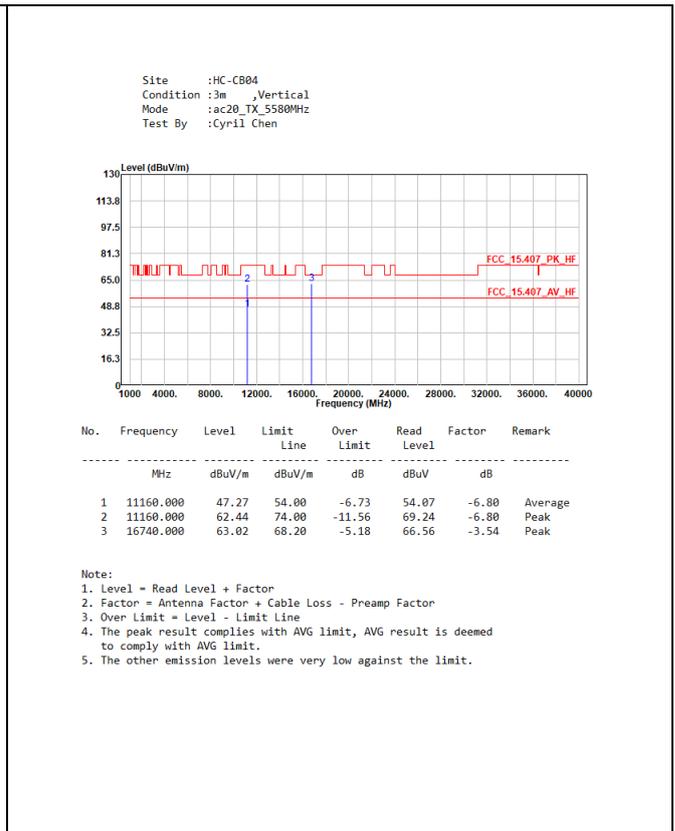
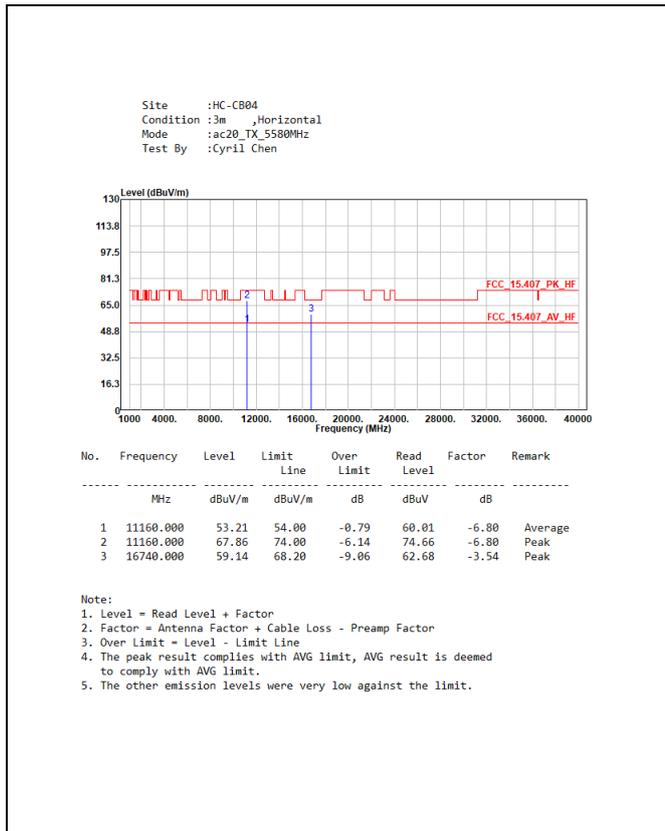


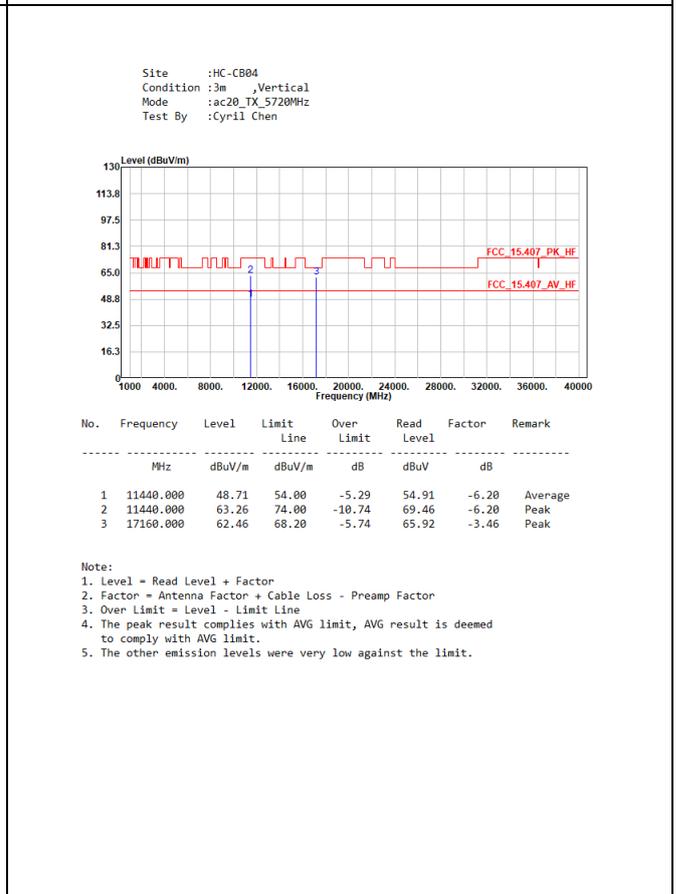
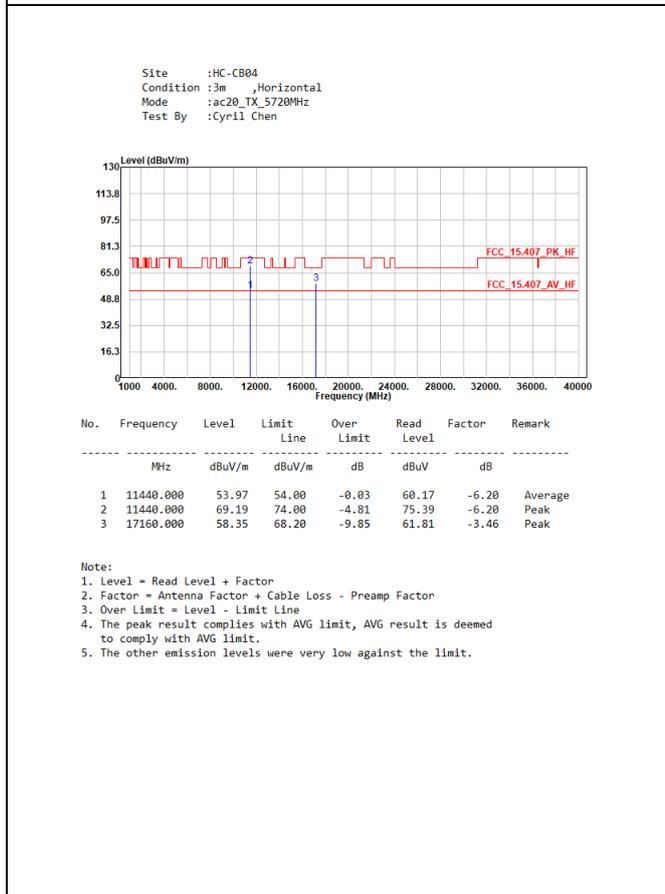
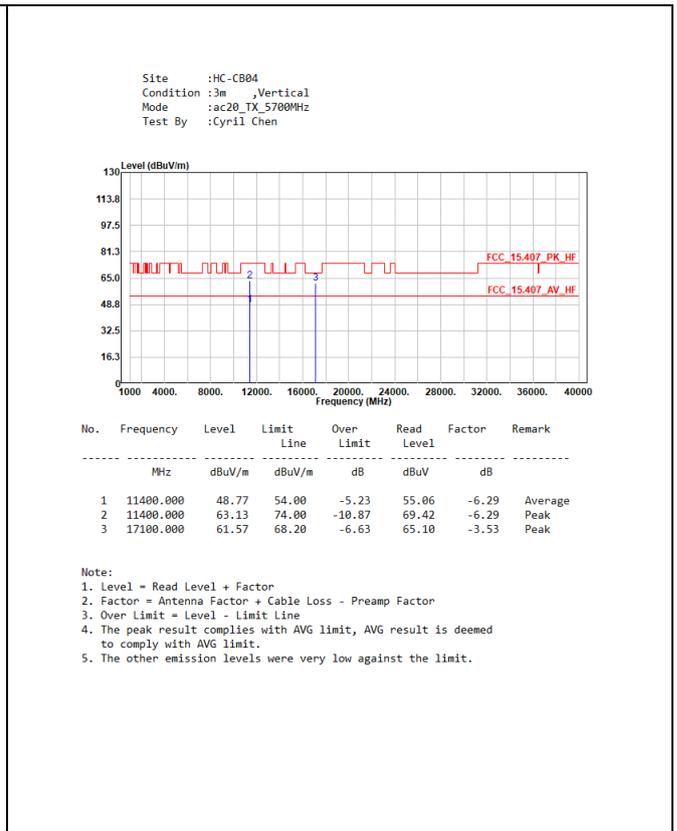
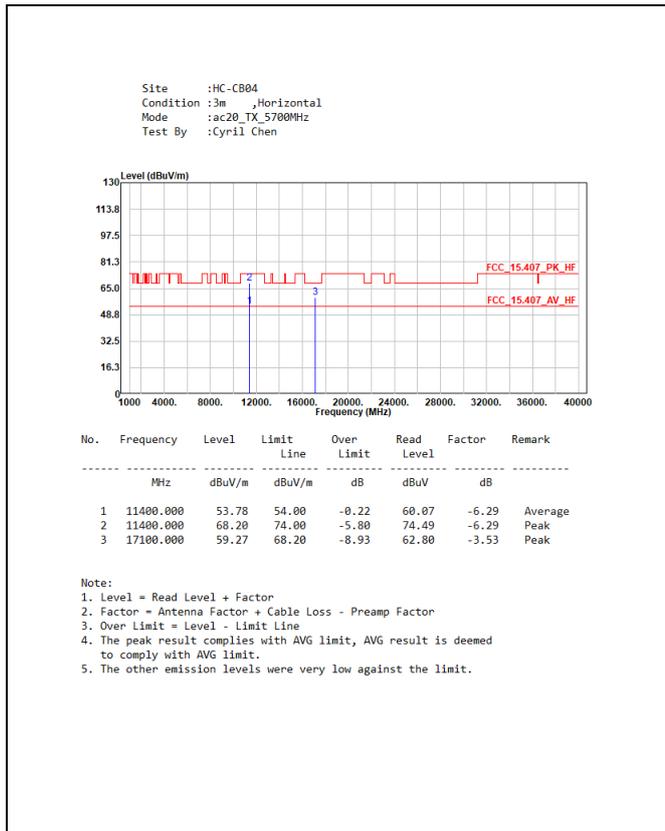




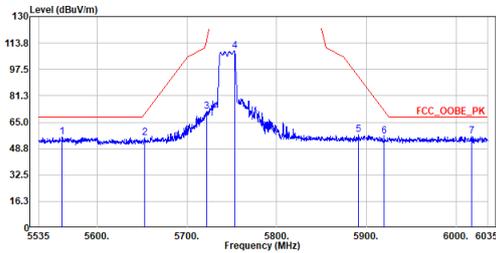








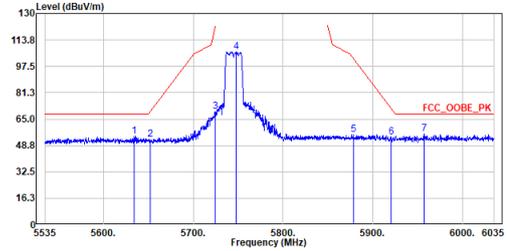
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5745MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5561.000	56.01	68.20	-12.19	34.22	21.79	Peak
2	5653.250	55.56	70.61	-15.05	33.50	22.06	Peak
3	5721.750	71.67	114.79	-43.12	49.41	22.26	Peak
4	5753.250	108.80	-----	-----	86.45	22.35	Peak
5	5890.750	57.32	93.55	-36.23	34.58	22.74	Peak
6	5920.000	56.66	71.91	-15.25	33.83	22.83	Peak
7	6017.250	56.58	68.20	-11.62	33.43	23.15	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

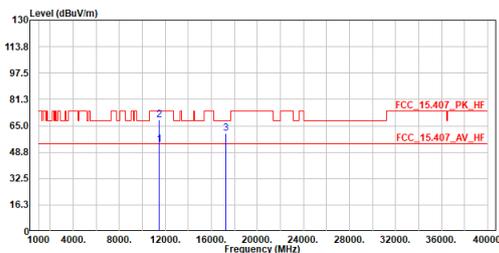
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5745MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5634.500	54.60	68.20	-13.60	32.61	21.99	Peak
2	5652.000	52.49	69.69	-17.20	30.45	22.04	Peak
3	5724.250	69.79	120.49	-50.70	47.53	22.26	Peak
4	5748.250	106.66	-----	-----	84.33	22.33	Peak
5	5878.250	55.56	102.80	-47.24	32.86	22.70	Peak
6	5920.500	54.01	71.54	-17.53	31.18	22.83	Peak
7	5957.000	55.85	68.20	-12.35	32.92	22.93	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

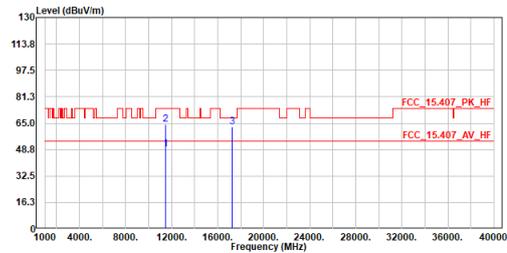
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5745MHz  
 Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11490.000	53.40	54.00	-0.60	59.49	-6.09	Average
2	11490.000	68.58	74.00	-5.42	74.67	-6.09	Peak
3	17235.000	60.56	68.20	-7.64	63.93	-3.37	Peak

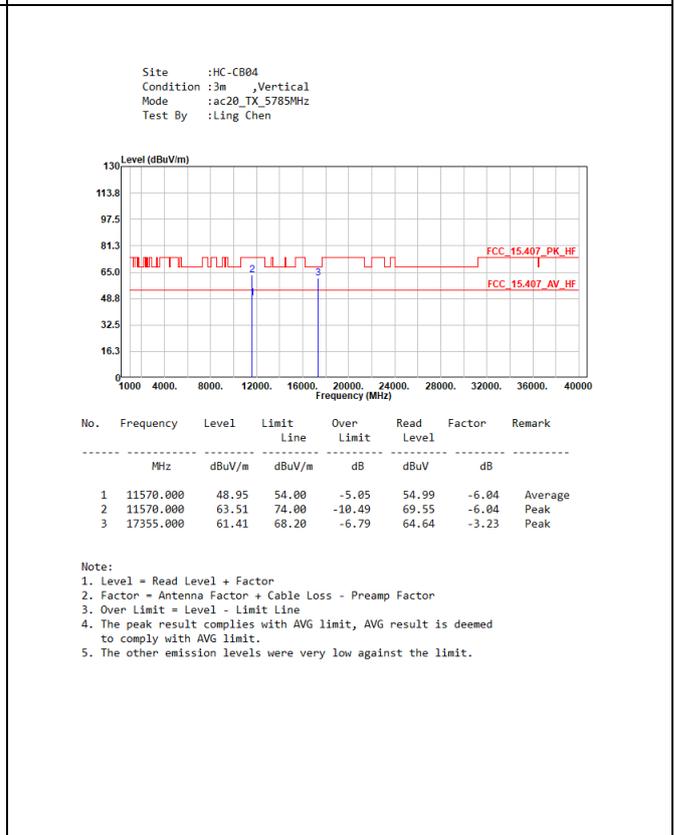
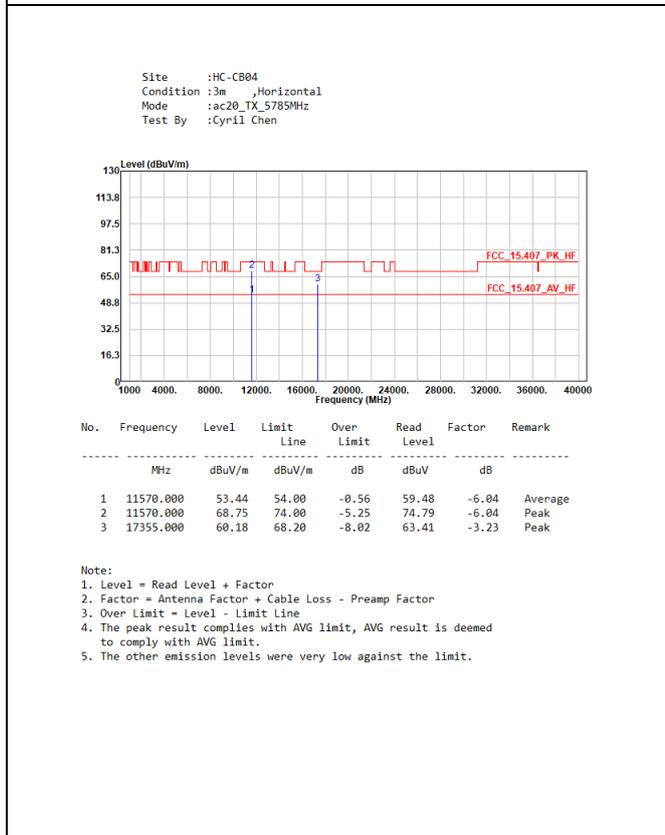
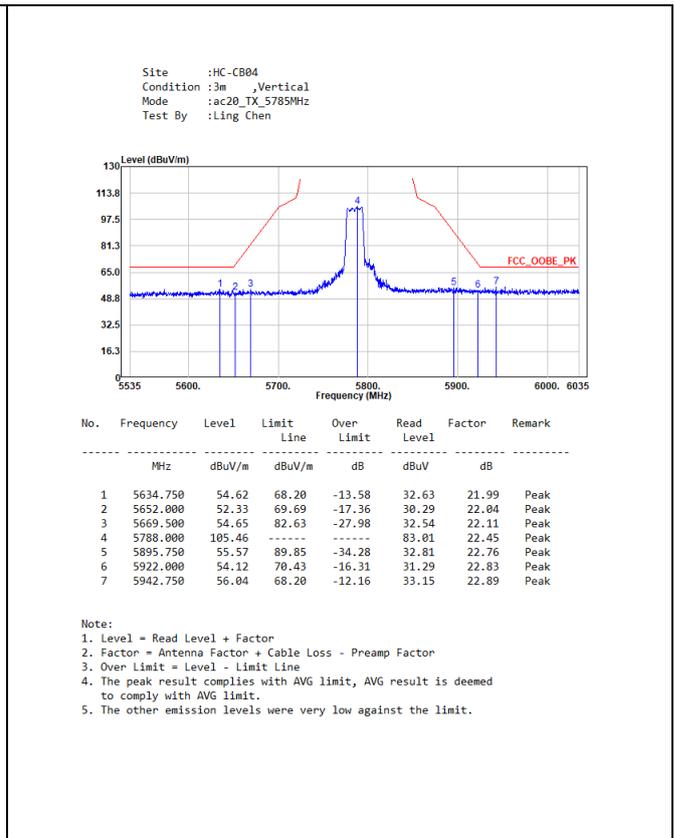
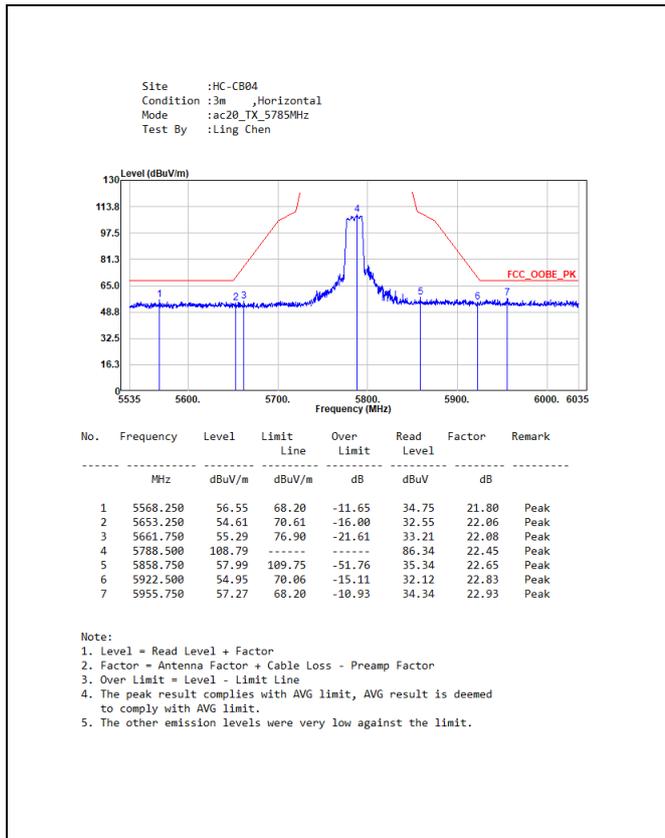
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5745MHz  
 Test By :Ling Chen

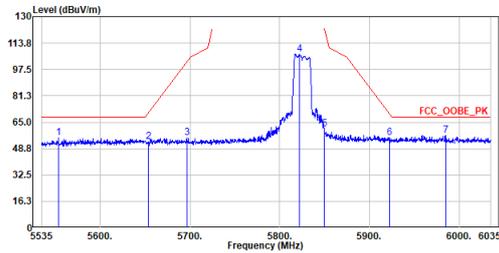


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11490.000	49.25	54.00	-4.75	55.34	-6.09	Average
2	11490.000	64.11	74.00	-9.89	70.20	-6.09	Peak
3	17235.000	62.77	68.20	-5.43	66.14	-3.37	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.



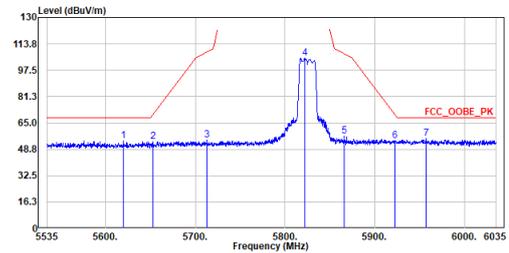
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5825MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5553.500	55.35	68.20	-12.85	33.58	21.77	Peak
2	5653.750	52.91	70.98	-18.07	30.85	22.06	Peak
3	5696.750	55.25	102.80	-47.55	33.08	22.17	Peak
4	5822.000	107.11	-----	-----	84.57	22.54	Peak
5	5850.000	68.94	122.20	-61.26	38.31	22.63	Peak
6	5922.500	55.47	70.06	-14.59	32.64	22.83	Peak
7	5984.750	57.07	68.20	-11.13	34.06	23.01	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

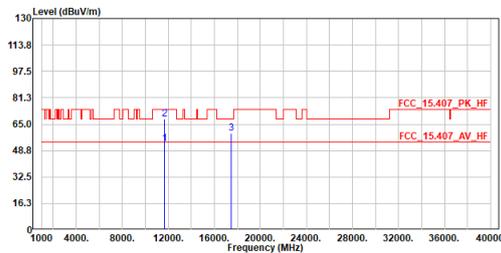
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5825MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5620.250	54.15	68.20	-14.05	32.19	21.96	Peak
2	5652.750	53.39	70.24	-16.85	31.35	22.04	Peak
3	5713.250	54.23	108.91	-54.68	32.01	22.22	Peak
4	5821.750	105.13	-----	-----	82.59	22.54	Peak
5	5866.000	56.88	107.72	-50.84	34.20	22.68	Peak
6	5922.500	53.94	70.06	-16.12	31.11	22.83	Peak
7	5957.000	55.54	68.20	-12.66	32.61	22.93	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

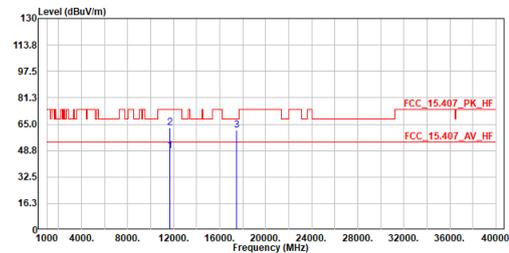
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac20\_TX\_5825MHz  
 Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11650.000	53.10	54.00	-0.90	59.09	-5.99	Average
2	11650.000	68.31	74.00	-5.69	74.30	-5.99	Peak
3	17475.000	59.50	68.20	-8.70	62.58	-3.08	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

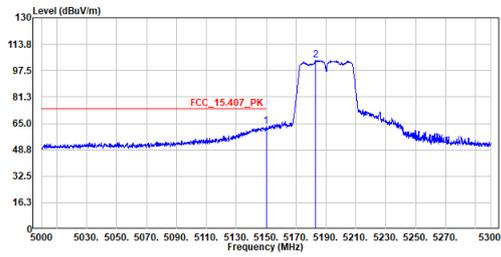
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac20\_TX\_5825MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11650.000	48.38	54.00	-5.62	54.37	-5.99	Average
2	11650.000	62.84	74.00	-11.16	68.83	-5.99	Peak
3	17475.000	61.49	68.20	-6.71	64.57	-3.08	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

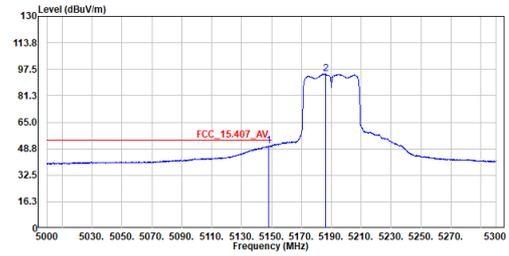
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5150.000	63.32	74.00	-10.68	41.90	21.42	Peak
2	5183.000	103.92	-----	-----	82.48	21.44	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

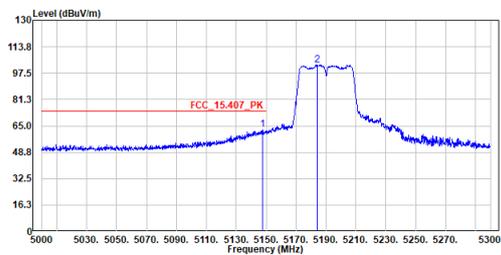
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5148.350	50.63	54.00	-3.37	29.21	21.42	Average
2	5186.300	94.50	-----	-----	73.06	21.44	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

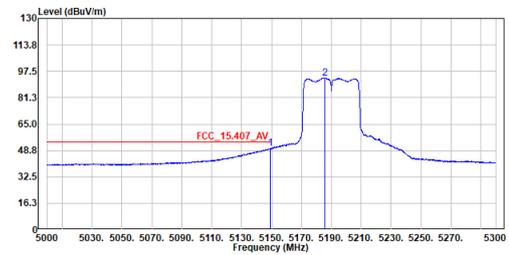
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5147.450	62.85	74.00	-11.15	41.43	21.42	Peak
2	5183.900	102.51	-----	-----	81.07	21.44	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

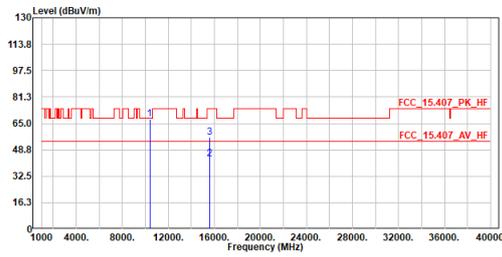
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5149.250	49.98	54.00	-4.02	28.56	21.42	Average
2	5185.550	93.39	-----	-----	71.95	21.44	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

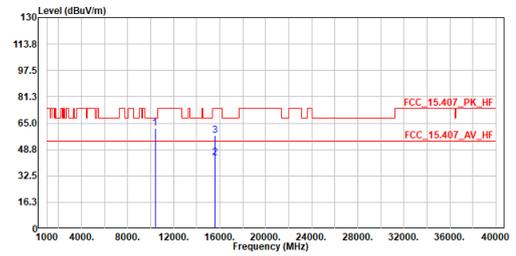
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	10380.000	67.65	68.20	-0.55	75.60	-7.95	Peak
2	15570.000	43.25	54.00	-10.75	46.45	-3.20	Average
3	15570.000	56.46	74.00	-17.54	59.66	-3.20	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

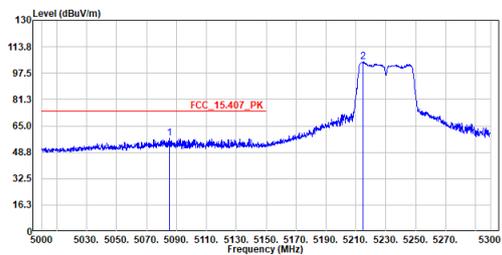
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5190MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	10380.000	61.98	68.20	-6.22	69.93	-7.95	Peak
2	15570.000	43.88	54.00	-10.12	47.08	-3.20	Average
3	15570.000	57.57	74.00	-16.43	60.77	-3.20	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

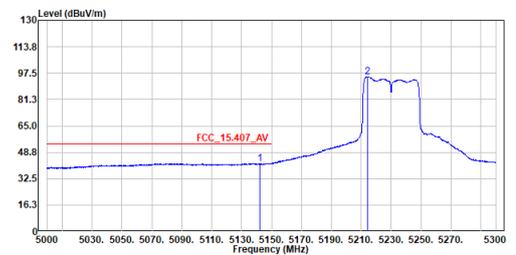
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5085.350	57.25	74.00	-16.75	35.86	21.39	Peak
2	5214.950	104.33	-----	-----	82.87	21.46	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

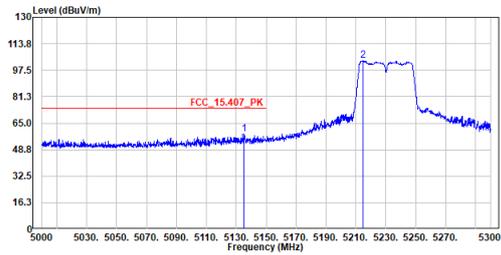
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5142.350	41.90	54.00	-12.10	20.48	21.42	Average
2	5214.200	95.32	-----	-----	73.86	21.46	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

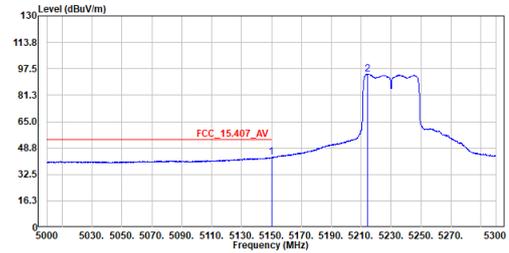
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5135.000	58.51	74.00	-15.49	37.10	21.41	Peak
2	5214.950	103.31	-----	-----	81.85	21.46	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

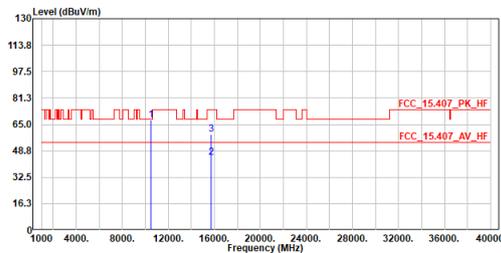
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5150.000	42.96	54.00	-11.04	21.54	21.42	Average
2	5214.350	94.32	-----	-----	72.86	21.46	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

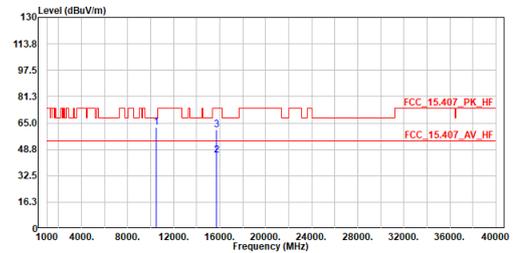
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10460.000	67.60	68.20	-0.60	75.41	-7.81	Peak
2	15690.000	44.64	54.00	-9.36	47.77	-3.13	Average
3	15690.000	58.99	74.00	-15.01	62.12	-3.13	Peak

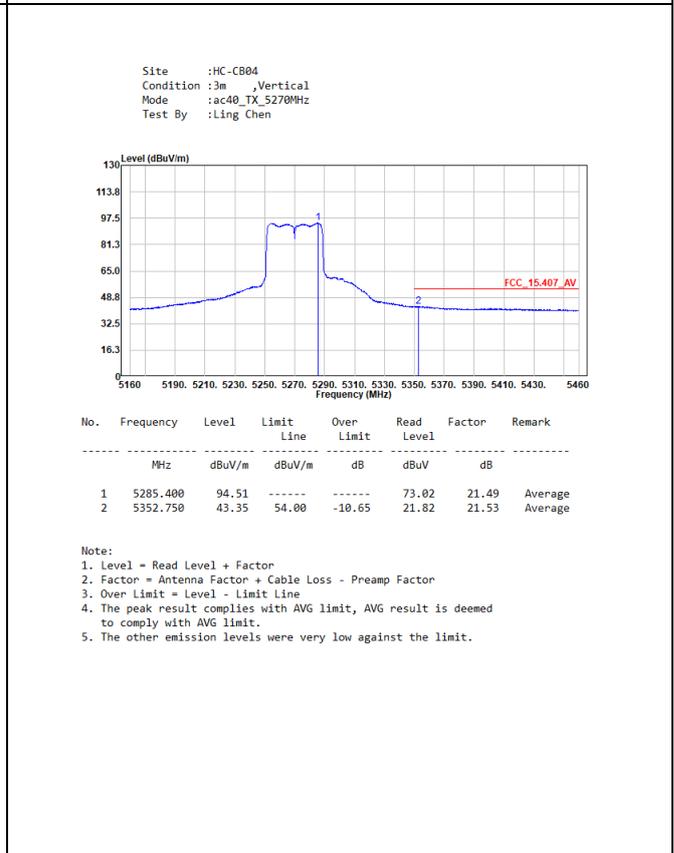
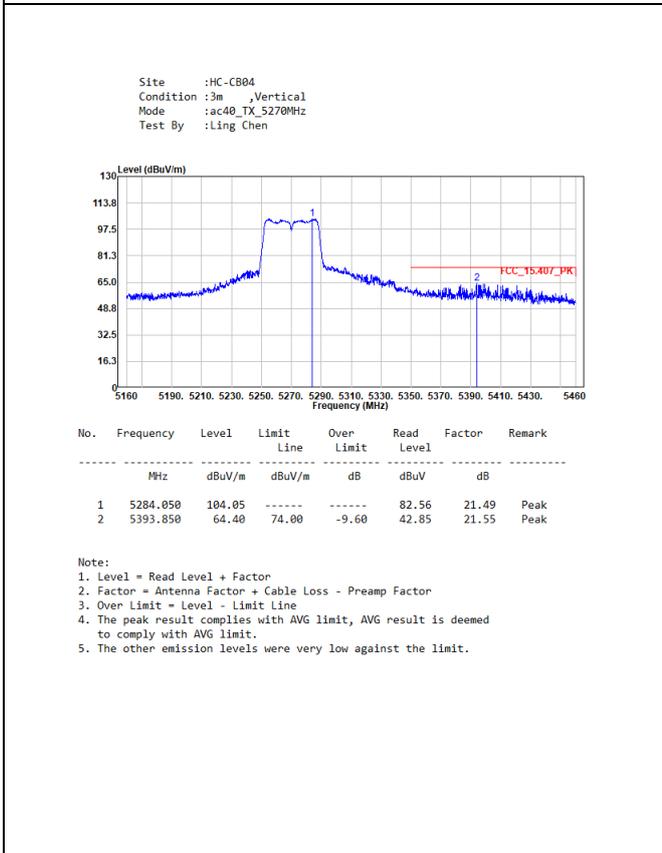
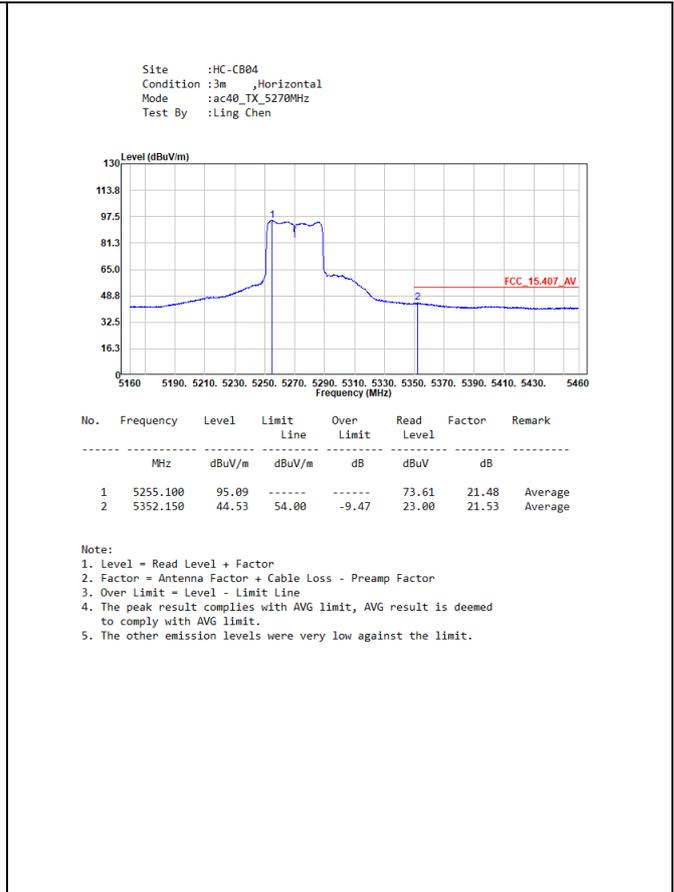
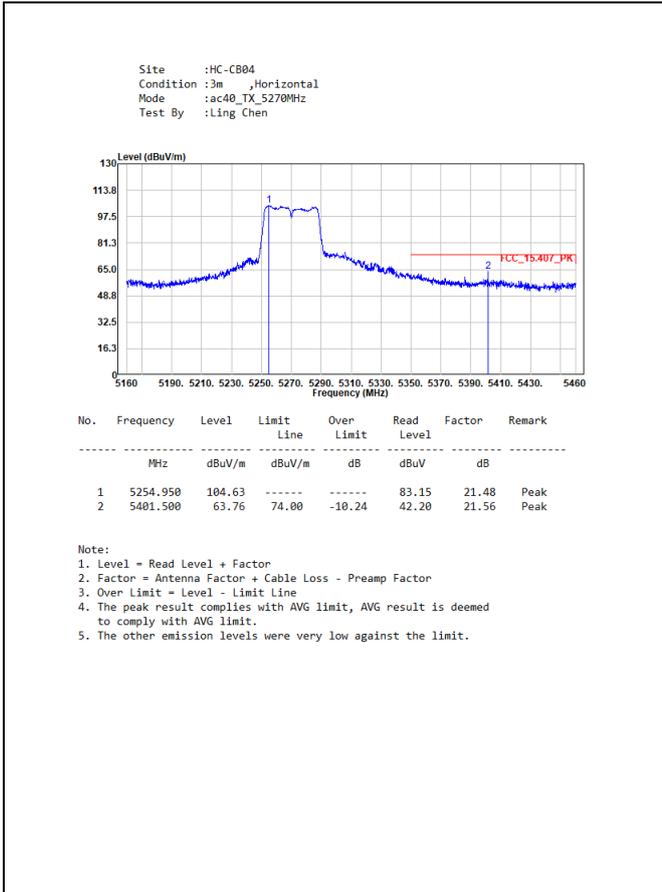
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

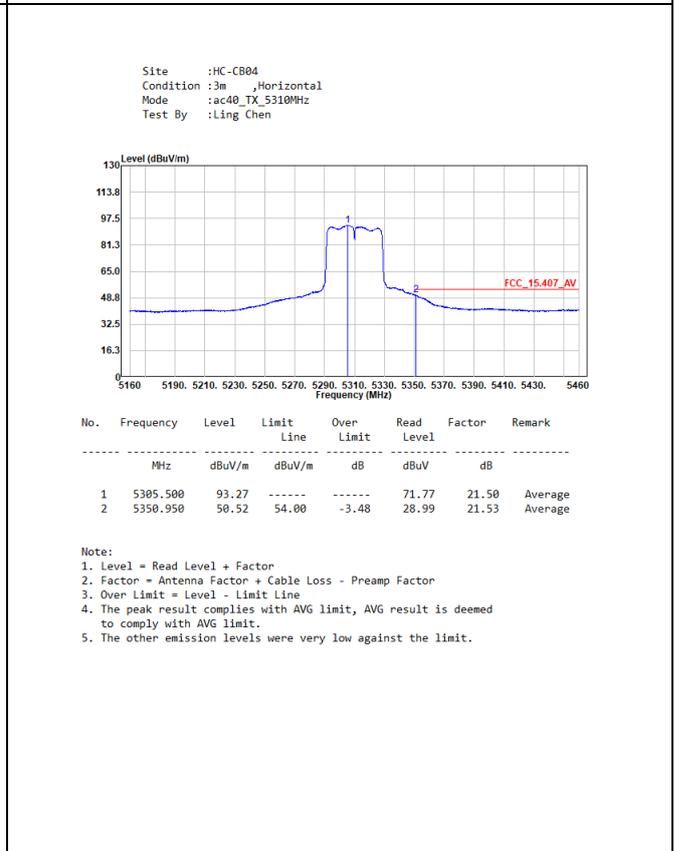
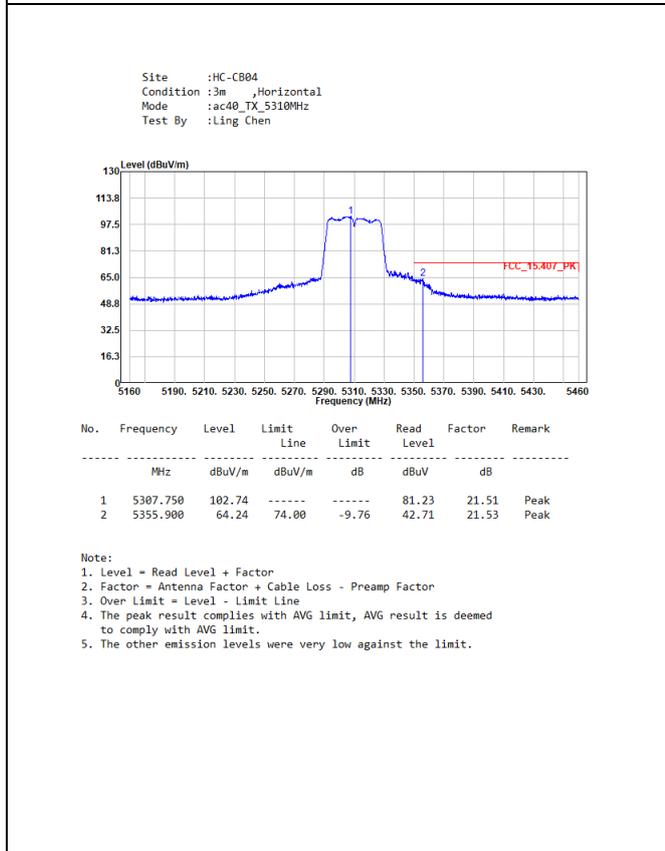
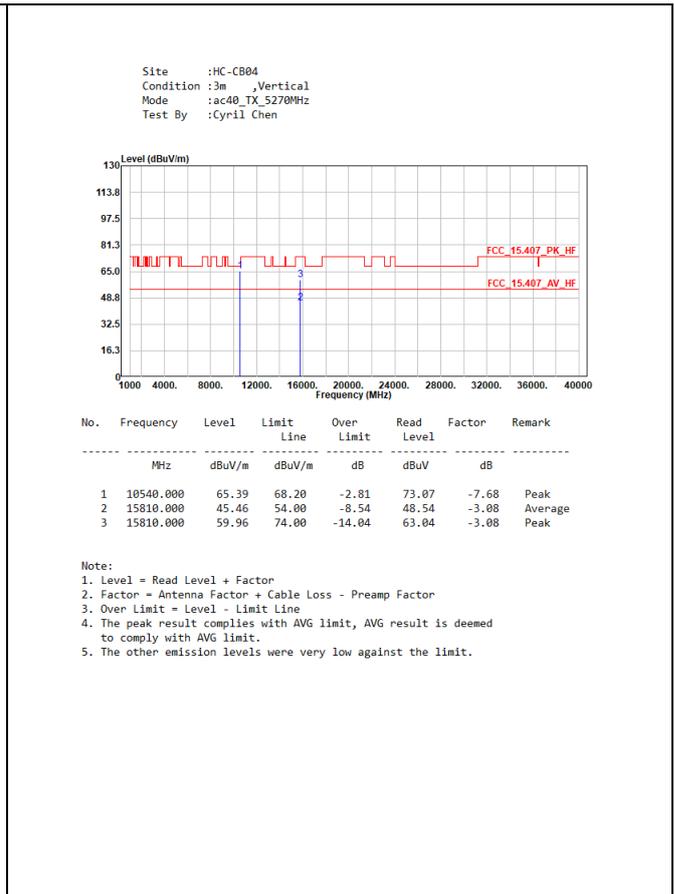
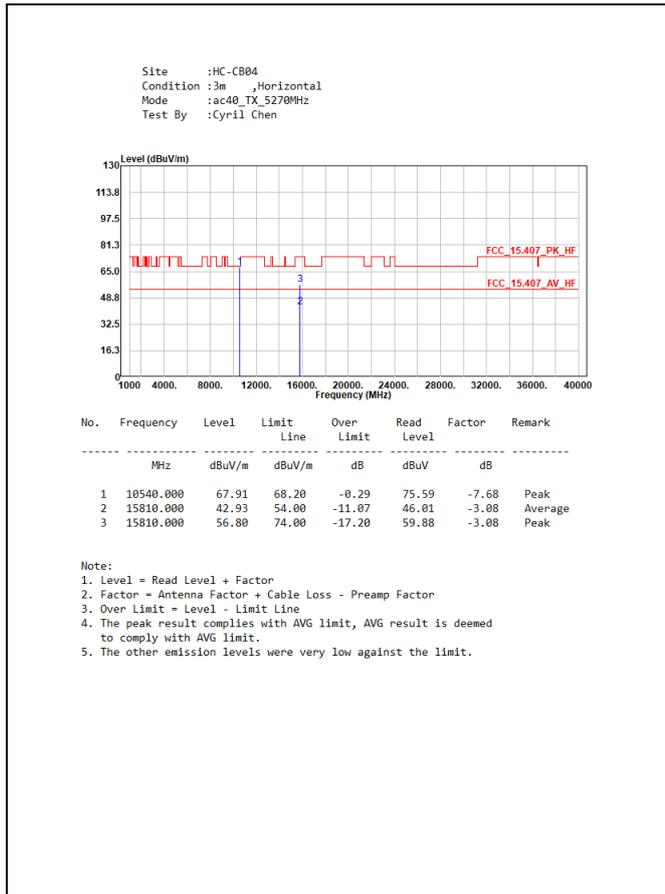
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5230MHz  
 Test By :Ling Chen

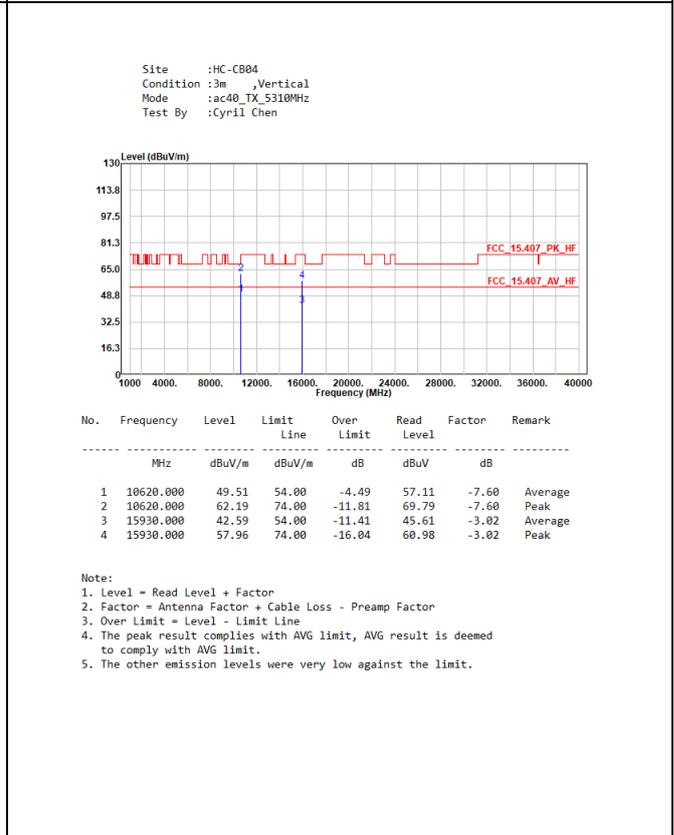
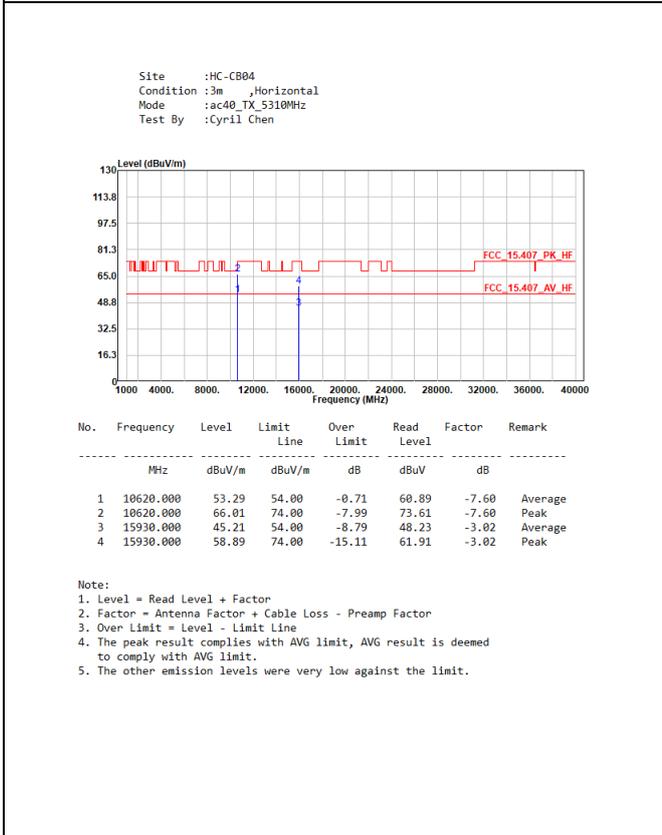
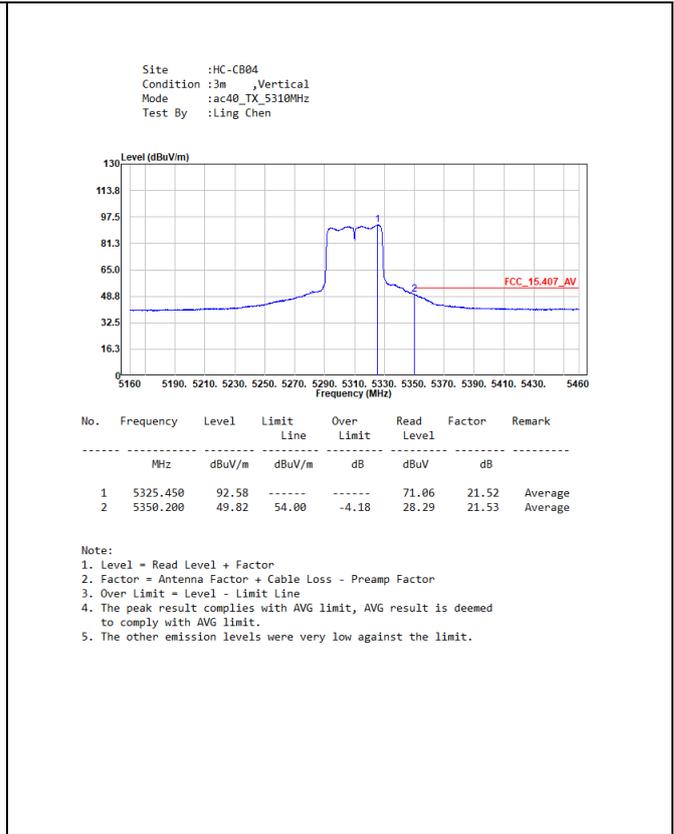
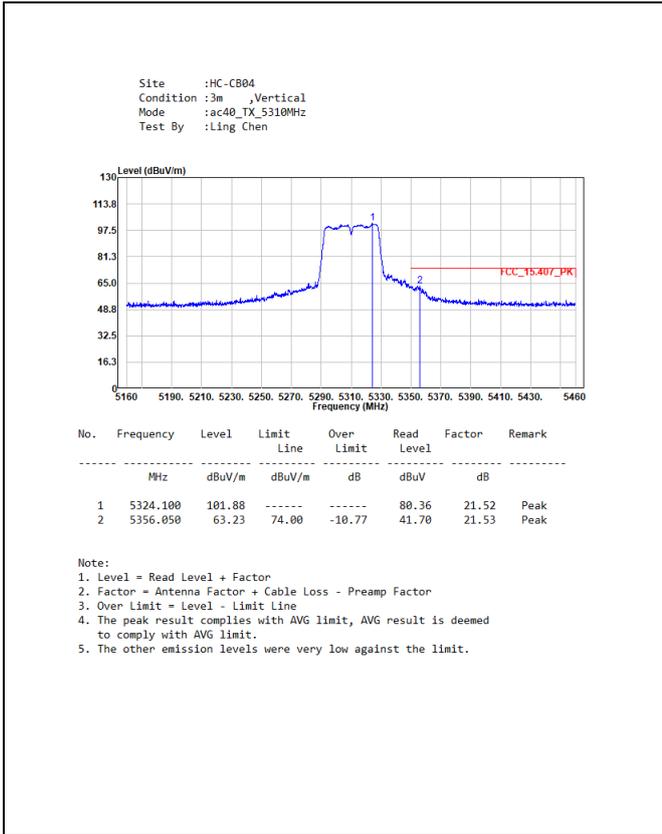


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10460.000	62.37	68.20	-5.83	70.18	-7.81	Peak
2	15690.000	45.26	54.00	-8.74	48.39	-3.13	Average
3	15690.000	60.67	74.00	-13.33	63.80	-3.13	Peak

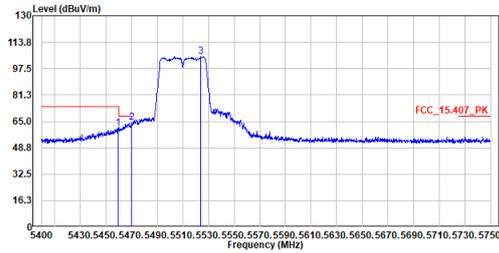
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.







Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5510MHz  
 Test By :Ling Chen

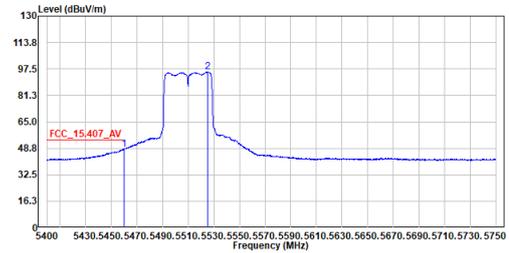


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5459.150	60.92	74.00	-13.08	39.33	21.59	Peak
2	5470.000	64.03	68.20	-4.17	42.44	21.59	Peak
3	5524.075	105.22	-----	-----	83.55	21.67	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5510MHz  
 Test By :Ling Chen

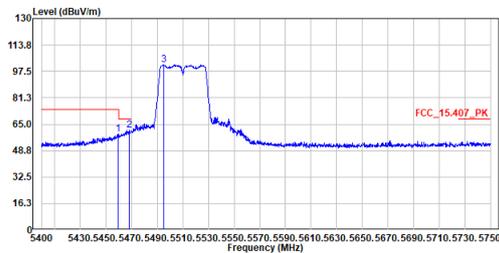


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5459.850	48.08	54.00	-5.92	26.49	21.59	Average
2	5525.300	95.81	-----	-----	74.12	21.69	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5510MHz  
 Test By :Ling Chen

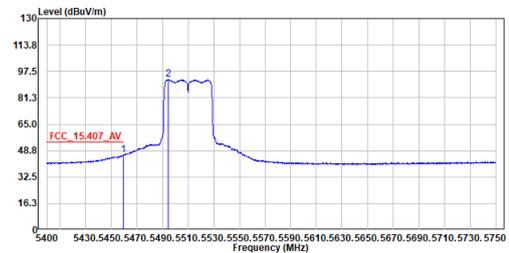


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5459.500	58.83	74.00	-15.17	37.24	21.59	Peak
2	5467.900	61.35	68.20	-6.85	39.76	21.59	Peak
3	5495.025	101.76	-----	-----	80.15	21.61	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

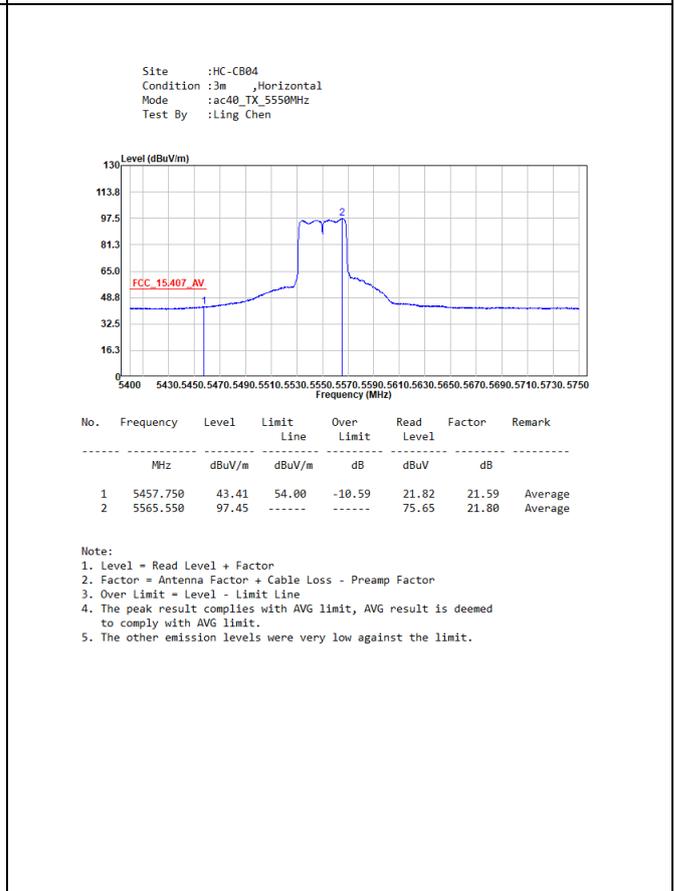
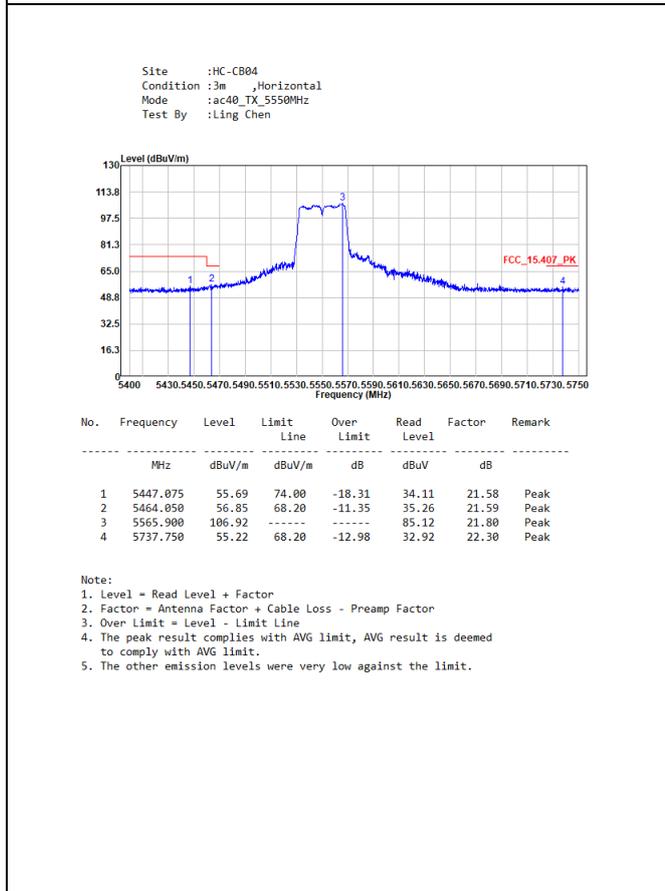
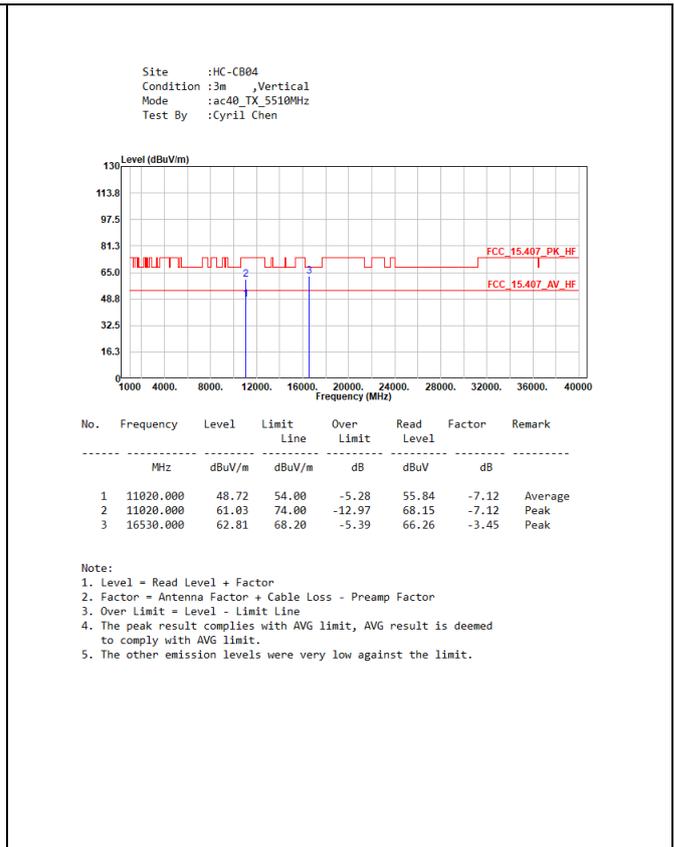
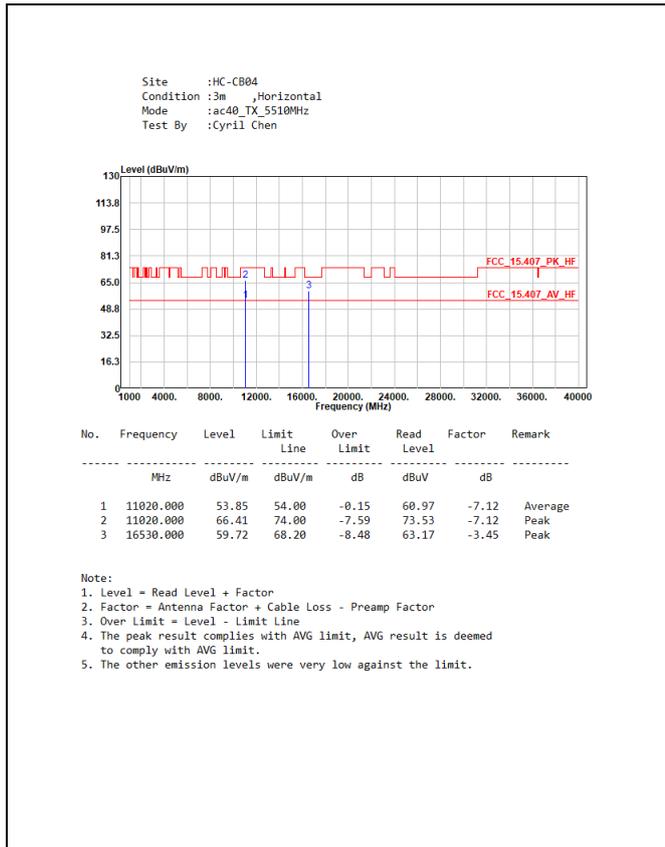
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5510MHz  
 Test By :Ling Chen



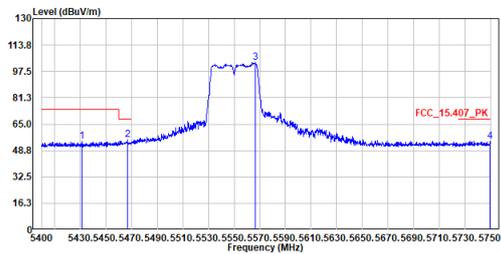
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5459.500	46.15	54.00	-7.85	24.56	21.59	Average
2	5494.325	92.50	-----	-----	70.89	21.61	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



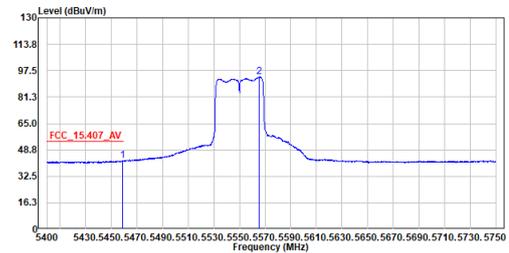
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5550MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5430.975	54.36	74.00	-19.64	32.79	21.57	Peak
2	5467.025	55.21	68.20	-12.99	33.62	21.59	Peak
3	5566.600	102.87	-----	-----	81.07	21.80	Peak
4	5749.475	54.40	68.20	-13.80	32.07	22.33	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

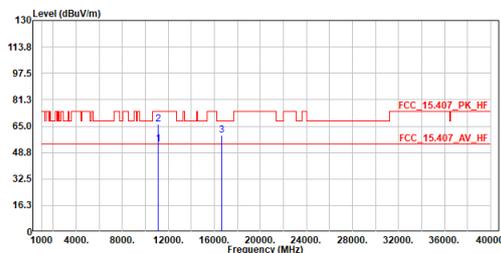
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5550MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5458.975	42.12	54.00	-11.88	20.53	21.59	Average
2	5565.375	93.73	-----	-----	71.93	21.80	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

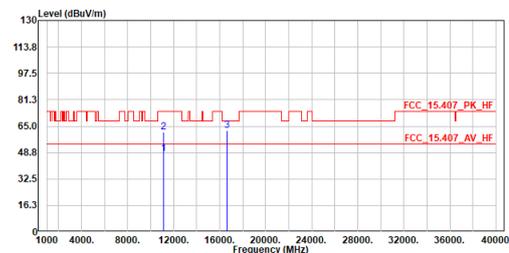
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5550MHz  
 Test By :Cyril Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11100.000	53.75	54.00	-0.25	60.69	-6.94	Average
2	11100.000	66.24	74.00	-7.76	73.18	-6.94	Peak
3	16650.000	59.46	68.20	-8.74	62.96	-3.50	Peak

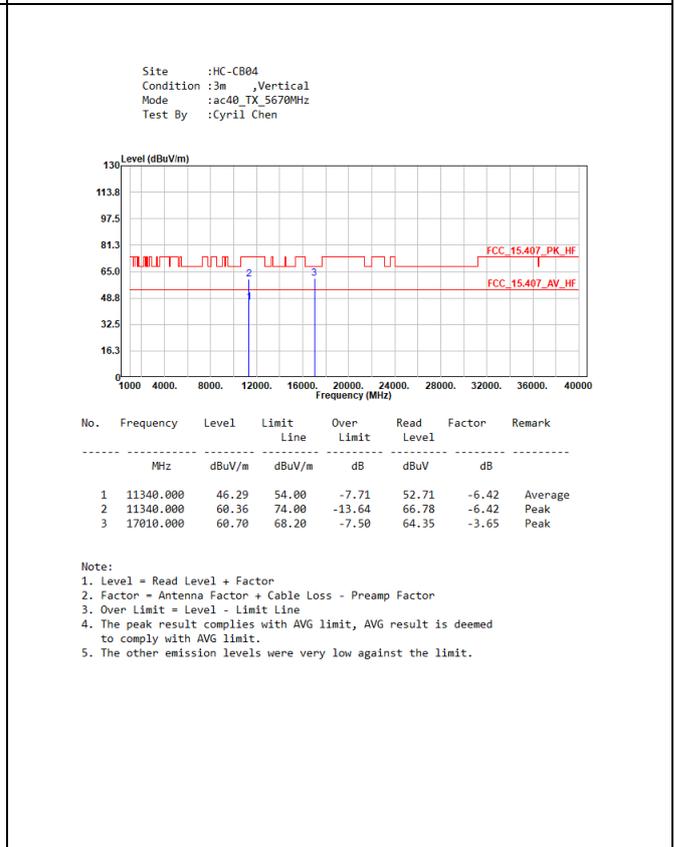
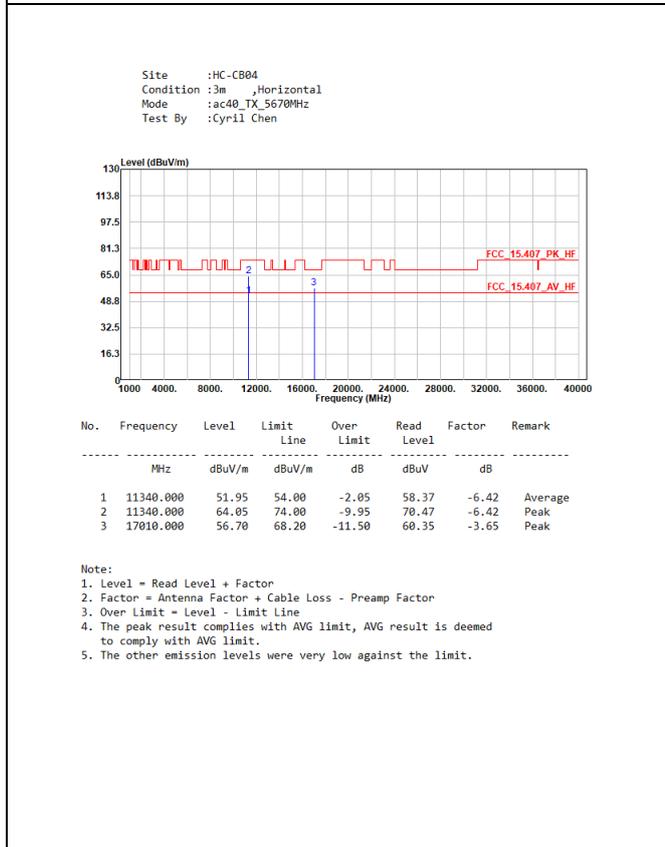
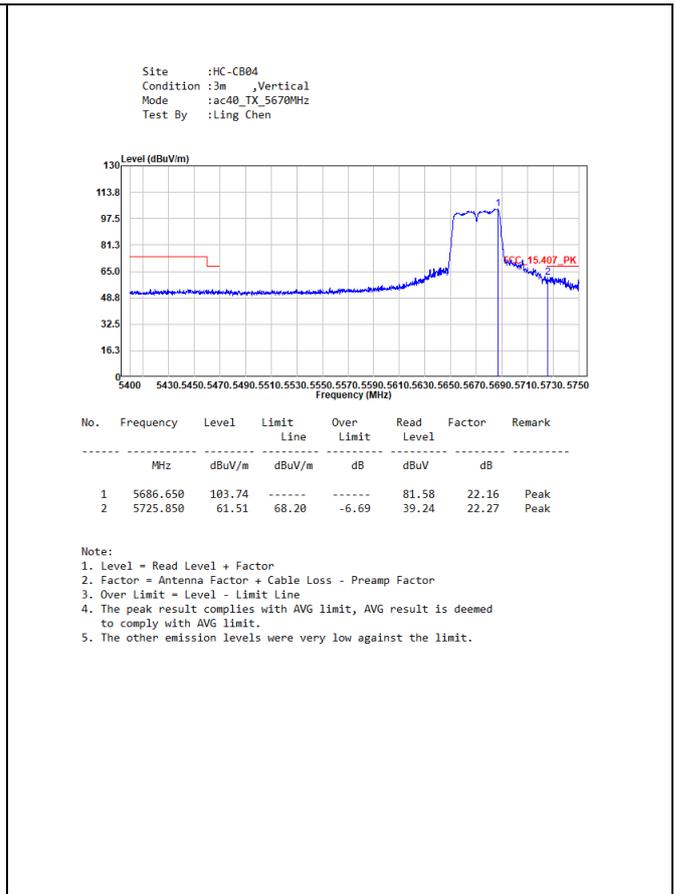
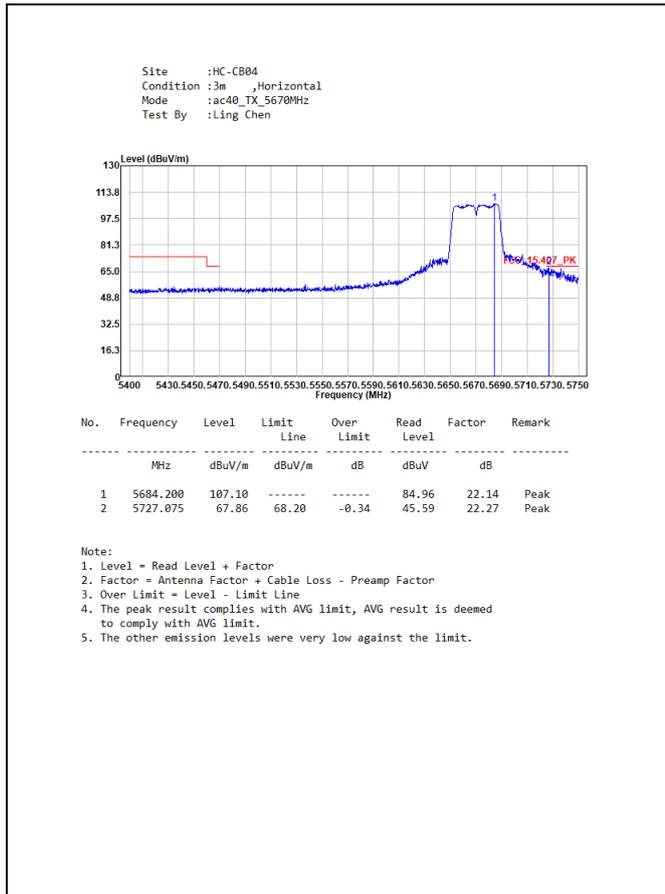
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5550MHz  
 Test By :Cyril Chen

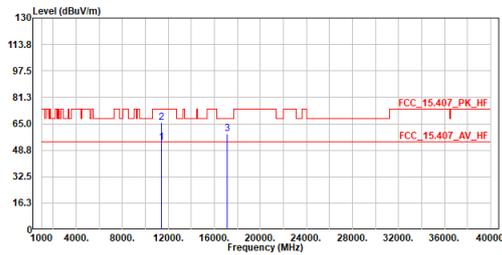


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11100.000	47.93	54.00	-6.07	54.87	-6.94	Average
2	11100.000	61.11	74.00	-12.89	68.05	-6.94	Peak
3	16650.000	62.43	68.20	-5.77	65.93	-3.50	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.



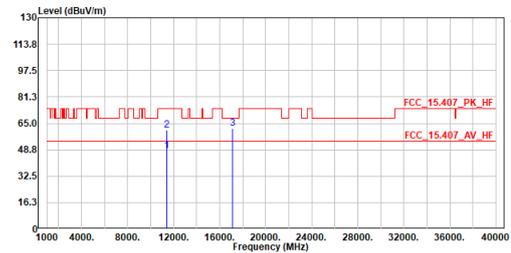
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5710MHz  
 Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11420.000	53.40	54.00	-0.60	59.64	-6.24	Average
2	11420.000	65.81	74.00	-8.19	72.05	-6.24	Peak
3	17130.000	58.84	68.20	-9.36	62.34	-3.50	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

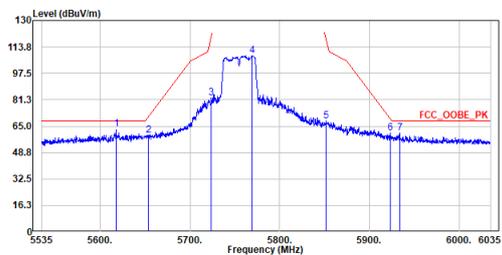
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5710MHz  
 Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11420.000	48.09	54.00	-5.91	54.33	-6.24	Average
2	11420.000	60.74	74.00	-13.26	66.98	-6.24	Peak
3	17130.000	61.87	68.20	-6.33	65.37	-3.50	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

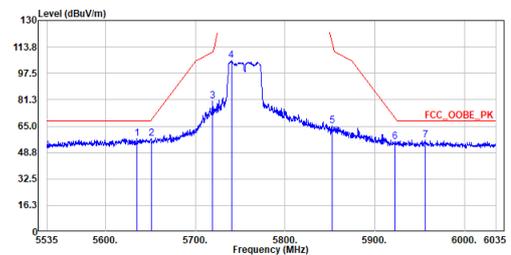
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5755MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5618.000	63.10	68.20	-5.10	41.15	21.95	Peak
2	5653.500	59.44	70.80	-11.36	37.38	22.06	Peak
3	5723.750	82.33	119.35	-37.02	60.07	22.26	Peak
4	5769.000	100.34	-----	-----	85.95	22.39	Peak
5	5851.500	68.03	118.78	-50.75	45.40	22.63	Peak
6	5923.000	60.76	69.69	-8.93	37.93	22.83	Peak
7	5933.750	60.79	68.20	-7.41	37.92	22.87	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

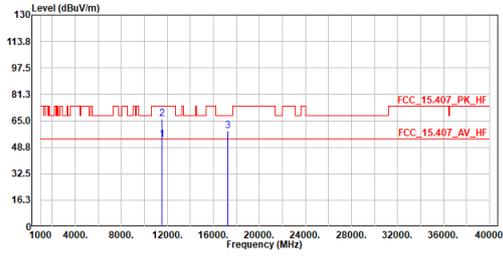
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5755MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5635.250	57.48	68.20	-10.72	35.49	21.99	Peak
2	5651.000	57.29	68.95	-11.66	35.25	22.04	Peak
3	5719.250	80.27	110.59	-30.32	58.02	22.25	Peak
4	5740.250	109.38	-----	-----	83.07	22.31	Peak
5	5852.250	65.05	117.07	-52.02	42.42	22.63	Peak
6	5922.250	55.32	70.24	-14.92	32.49	22.83	Peak
7	5956.500	56.39	68.20	-11.81	33.46	22.93	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

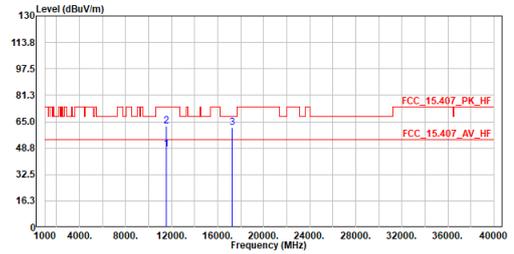
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5755MHz  
 Test By :Cyril Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11510.000	53.66	54.00	-0.34	59.72	-6.06	Average
2	11510.000	66.31	74.00	-7.69	72.37	-6.06	Peak
3	17265.000	59.05	68.20	-9.15	62.38	-3.33	Peak

- Note:
1. Level = Read Level + Factor
  2. Factor = Antenna Factor + Cable Loss - Preamp Factor
  3. Over Limit = Level - Limit Line
  4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
  5. The other emission levels were very low against the limit.

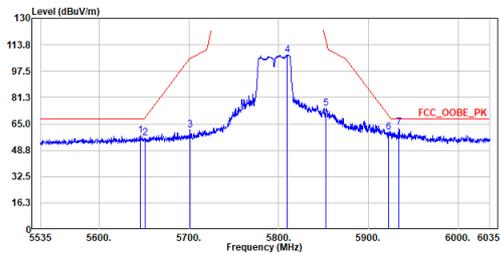
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5755MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11510.000	48.11	54.00	-5.89	54.17	-6.06	Average
2	11510.000	62.28	74.00	-11.72	68.34	-6.06	Peak
3	17265.000	61.10	68.20	-7.10	64.43	-3.33	Peak

- Note:
1. Level = Read Level + Factor
  2. Factor = Antenna Factor + Cable Loss - Preamp Factor
  3. Over Limit = Level - Limit Line
  4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
  5. The other emission levels were very low against the limit.

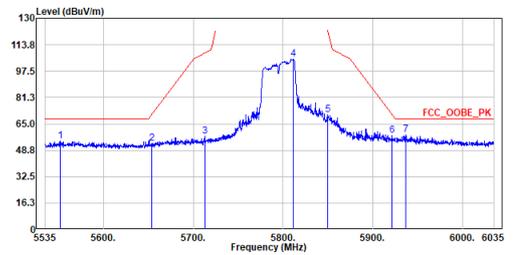
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac40\_TX\_5795MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5645.500	57.77	68.20	-10.43	35.74	22.03	Peak
2	5651.500	56.27	69.32	-13.05	34.23	22.04	Peak
3	5701.500	61.20	105.62	-44.42	39.01	22.19	Peak
4	5809.250	107.65	-----	-----	85.14	22.51	Peak
5	5853.000	74.79	115.36	-40.57	52.15	22.64	Peak
6	5922.000	59.92	70.43	-10.51	37.09	22.83	Peak
7	5934.250	62.62	68.20	-5.58	39.75	22.87	Peak

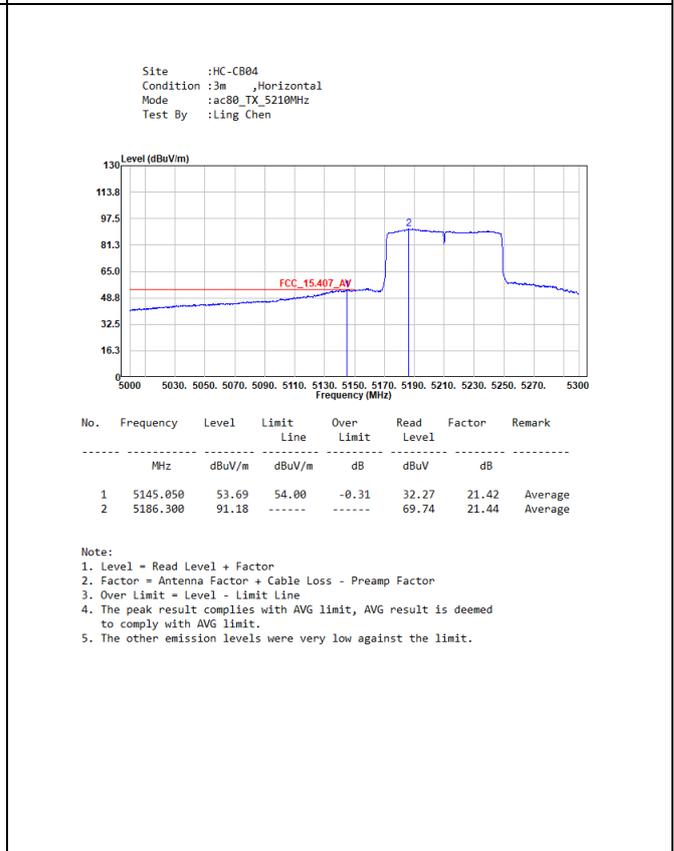
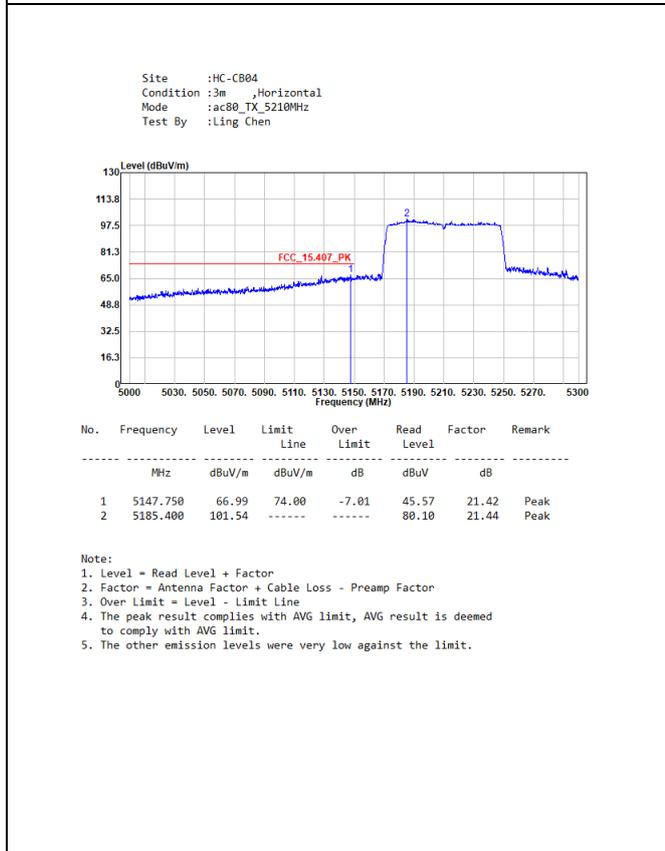
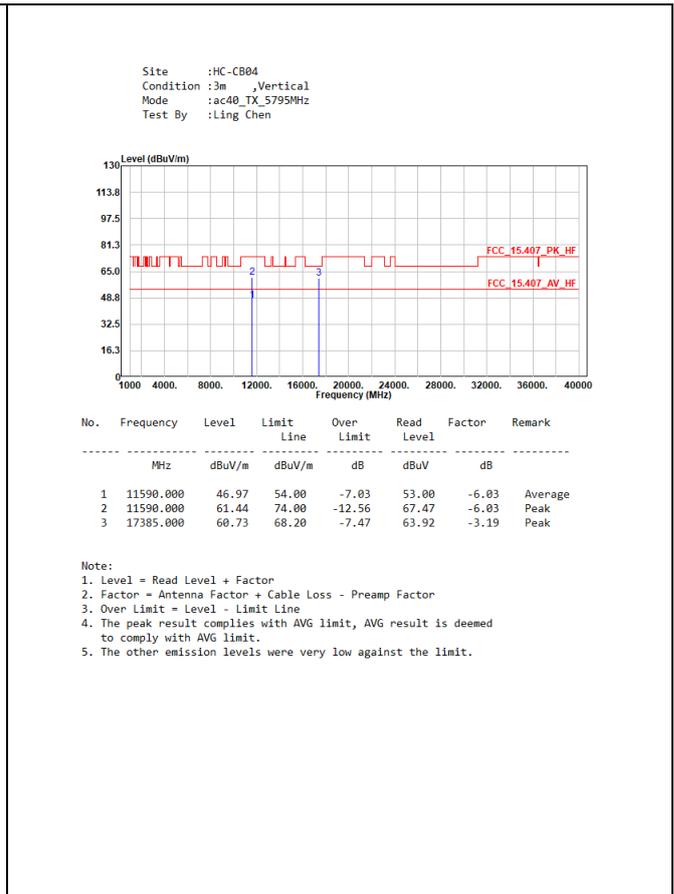
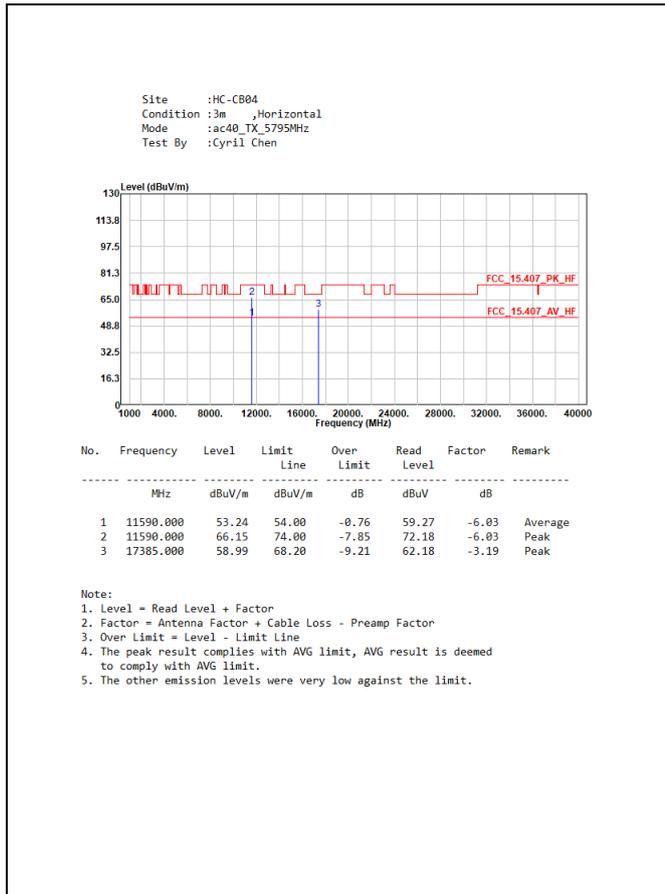
- Note:
1. Level = Read Level + Factor
  2. Factor = Antenna Factor + Cable Loss - Preamp Factor
  3. Over Limit = Level - Limit Line
  4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
  5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac40\_TX\_5795MHz  
 Test By :Ling Chen

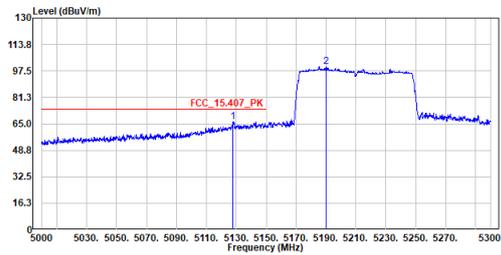


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5551.500	54.27	68.20	-13.93	32.52	21.75	Peak
2	5654.000	53.08	71.17	-18.09	31.02	22.06	Peak
3	5712.750	57.52	108.77	-51.25	35.30	22.22	Peak
4	5811.500	105.12	-----	-----	82.61	22.51	Peak
5	5850.250	70.42	121.63	-51.21	47.79	22.63	Peak
6	5921.750	57.75	70.61	-12.86	34.92	22.83	Peak
7	5937.000	58.48	68.20	-9.72	35.60	22.88	Peak

- Note:
1. Level = Read Level + Factor
  2. Factor = Antenna Factor + Cable Loss - Preamp Factor
  3. Over Limit = Level - Limit Line
  4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
  5. The other emission levels were very low against the limit.



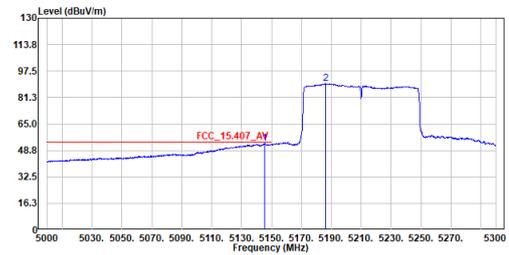
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5127.950	66.43	74.00	-7.57	45.02	21.41	Peak
2	5189.900	100.13	-----	-----	78.69	21.44	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

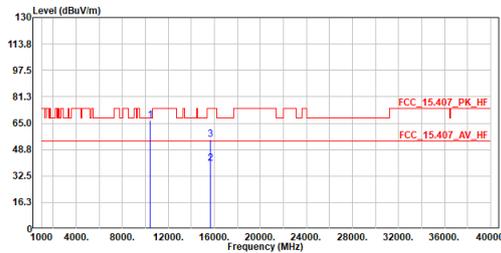
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5145.200	52.80	54.00	-1.20	31.38	21.42	Average
2	5186.450	89.62	-----	-----	68.18	21.44	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

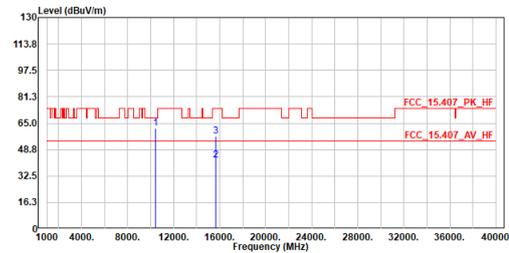
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5210MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10420.000	66.48	68.20	-1.72	74.36	-7.88	Peak
2	15630.000	40.33	54.00	-13.67	43.50	-3.17	Average
3	15630.000	55.01	74.00	-18.99	58.18	-3.17	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

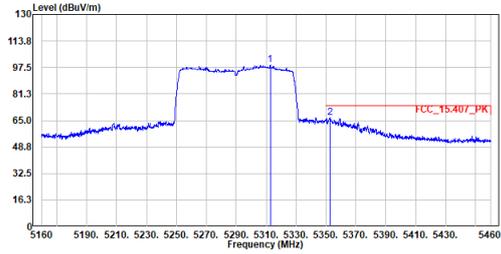
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5210MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	10420.000	61.94	68.20	-6.26	69.82	-7.88	Peak
2	15630.000	42.16	54.00	-11.84	45.33	-3.17	Average
3	15630.000	56.71	74.00	-17.29	59.88	-3.17	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

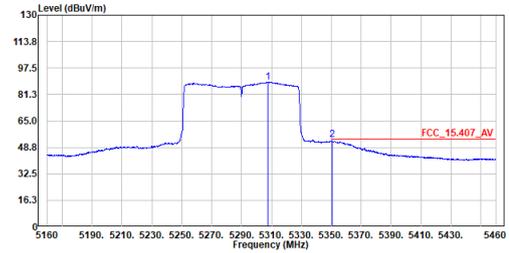
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5290MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5312.700	99.20	-----	-----	77.69	21.51	Peak
2	5352.750	66.74	74.00	-7.26	45.21	21.53	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

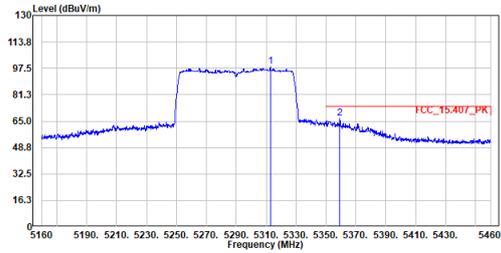
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5290MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5307.450	88.89	-----	-----	67.38	21.51	Average
2	5350.500	53.30	54.00	-0.70	31.77	21.53	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

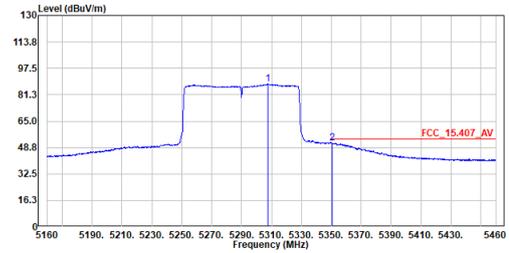
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5290MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5312.850	98.36	-----	-----	76.85	21.51	Peak
2	5359.350	66.71	74.00	-7.29	45.18	21.53	Peak

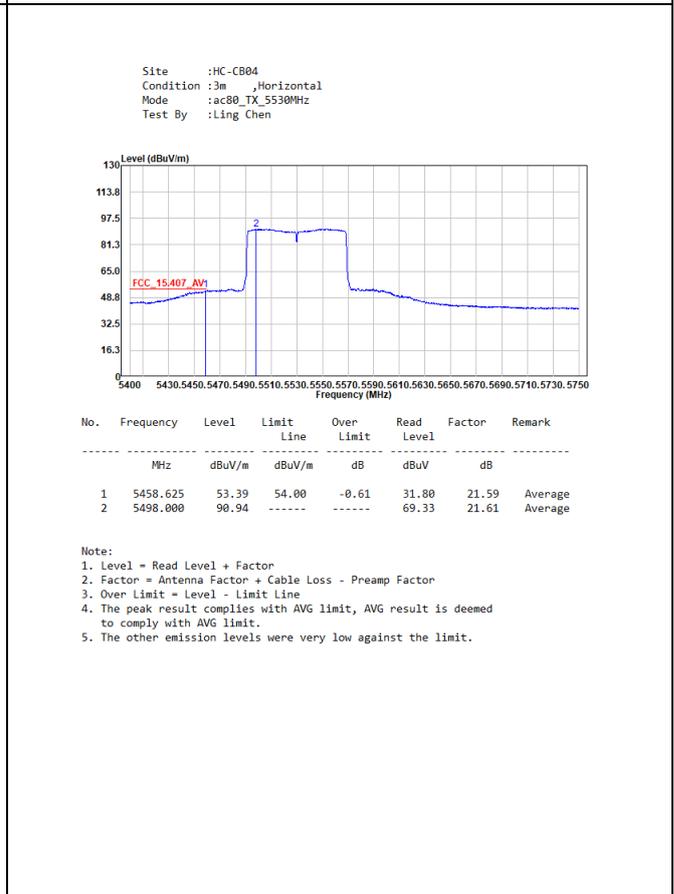
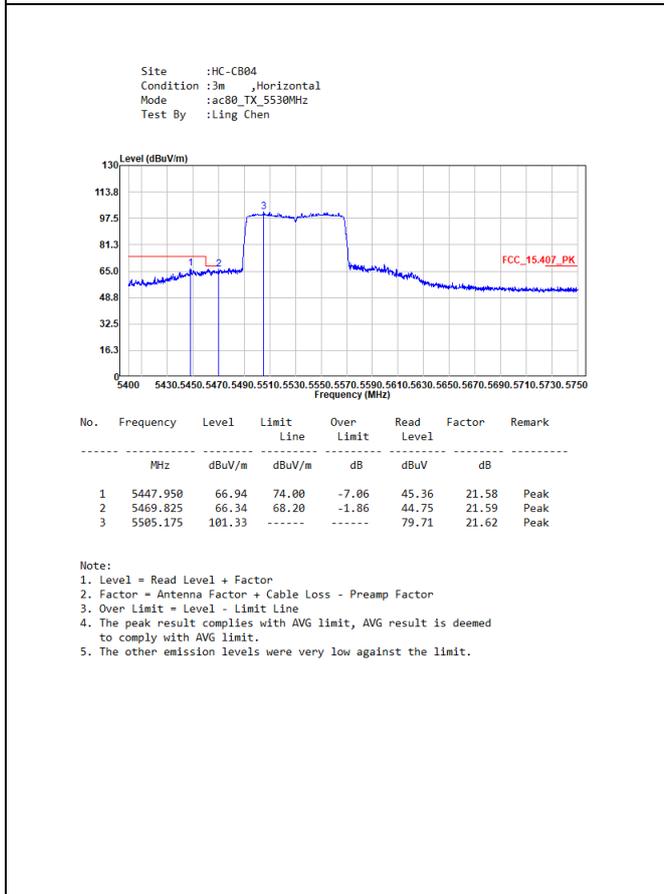
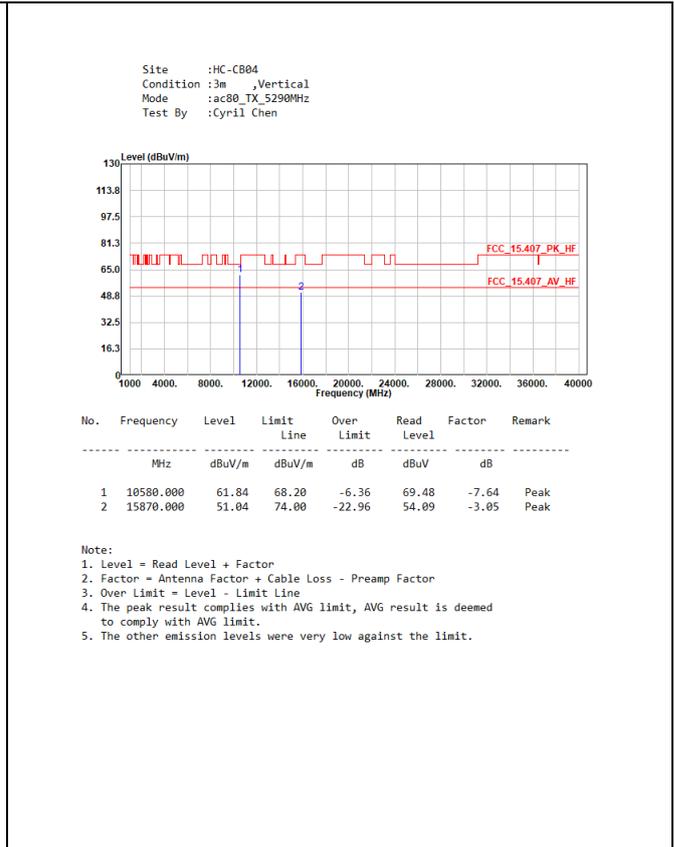
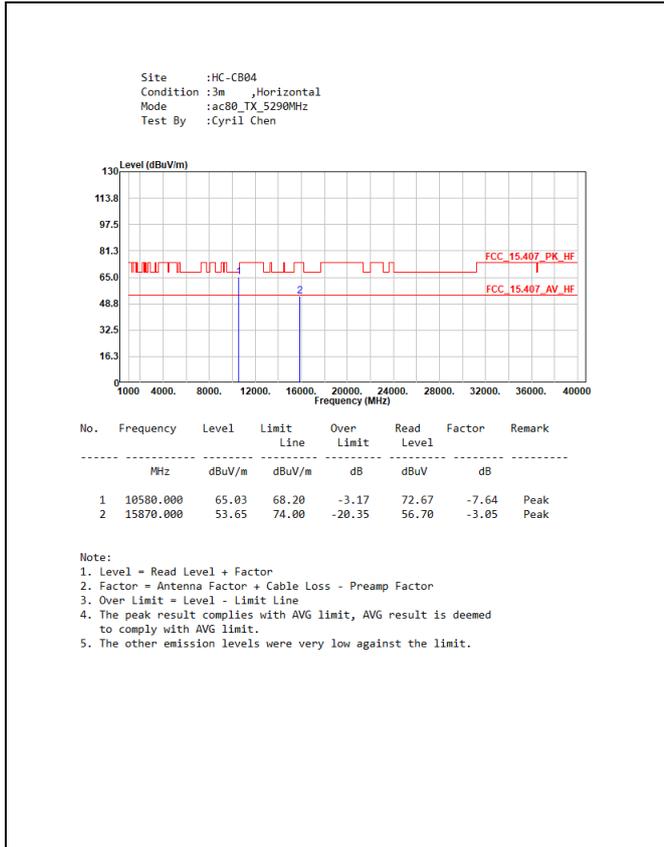
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5290MHz  
 Test By :Ling Chen

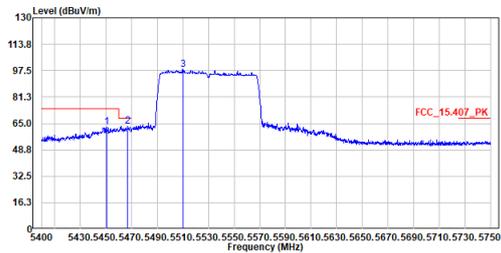


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5307.450	87.77	-----	-----	66.26	21.51	Average
2	5350.500	51.51	54.00	-2.49	29.98	21.53	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.



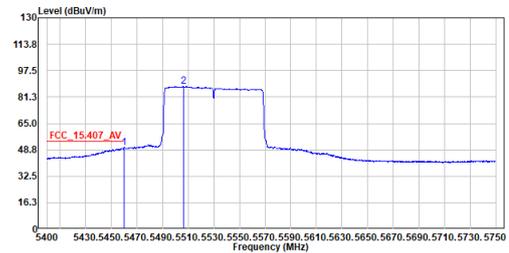
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5530MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5450.400	62.55	74.00	-11.45	40.97	21.58	Peak
2	5467.200	63.39	68.20	-4.81	41.80	21.59	Peak
3	5509.900	97.96	-----	-----	76.32	21.64	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

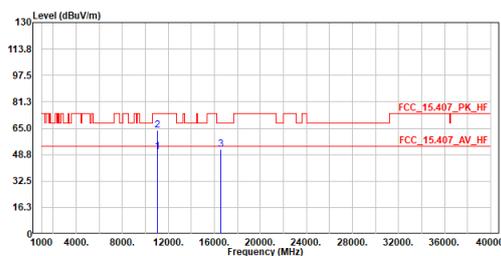
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5530MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5459.850	49.99	54.00	-4.01	28.40	21.59	Average
2	5506.400	87.82	-----	-----	66.20	21.62	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

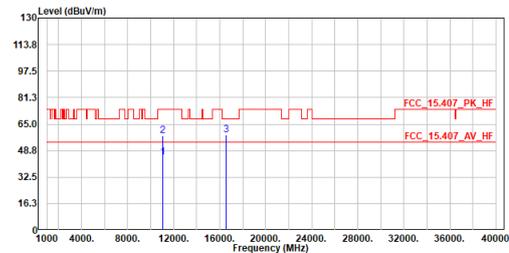
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5530MHz  
 Test By :Cyril Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11060.000	50.77	54.00	-3.23	57.80	-7.03	Average
2	11060.000	63.99	74.00	-10.01	71.02	-7.03	Peak
3	16590.000	51.88	68.20	-16.32	55.35	-3.47	Peak

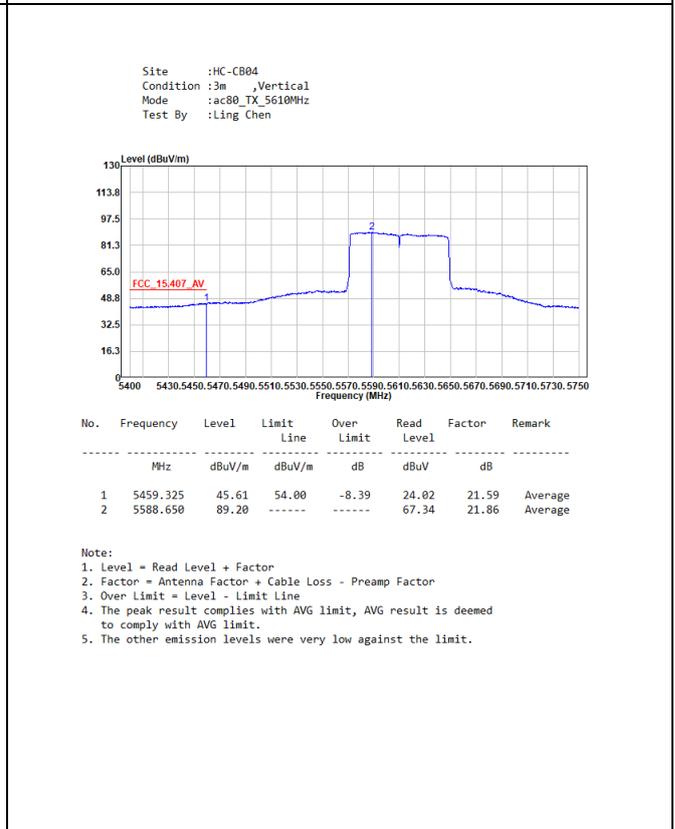
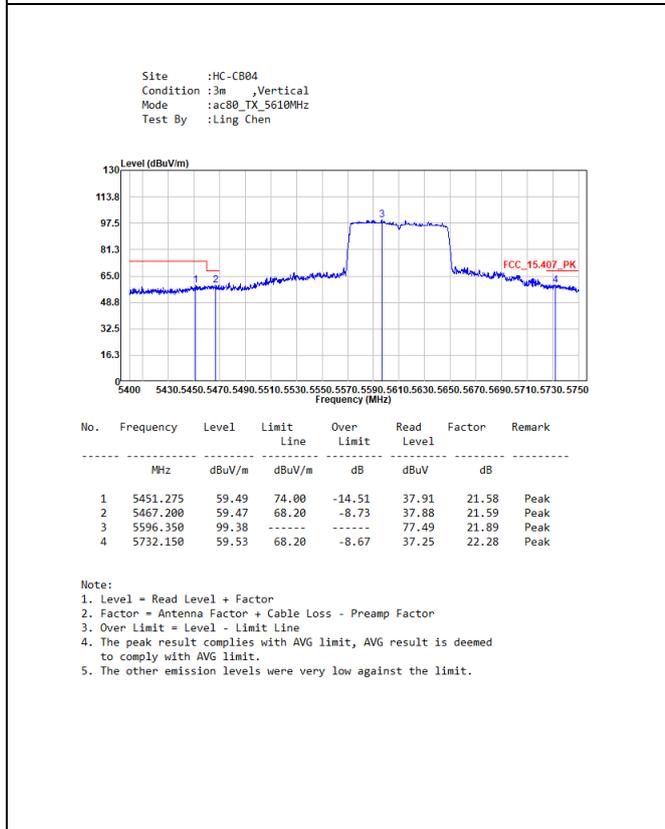
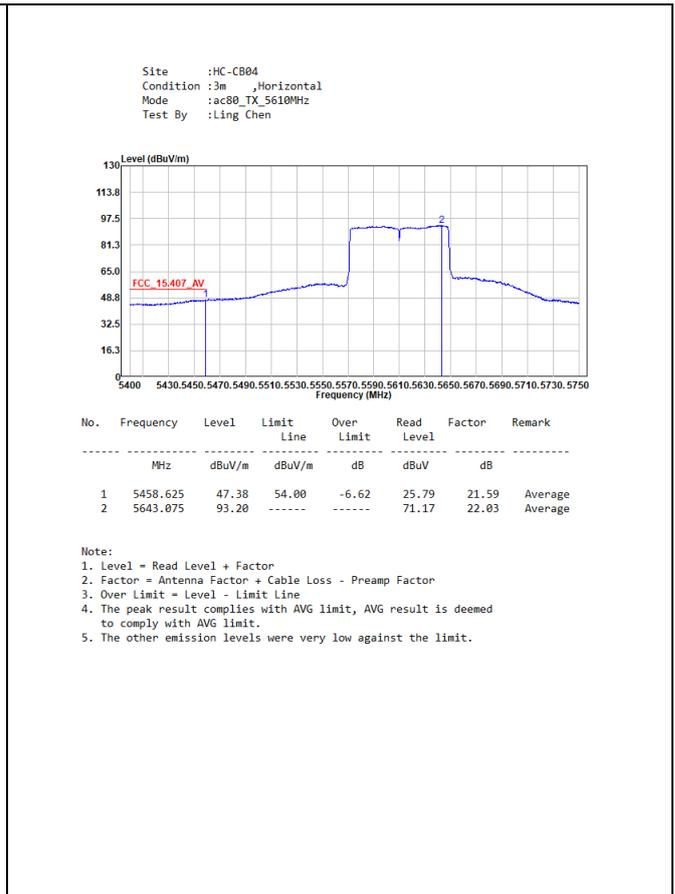
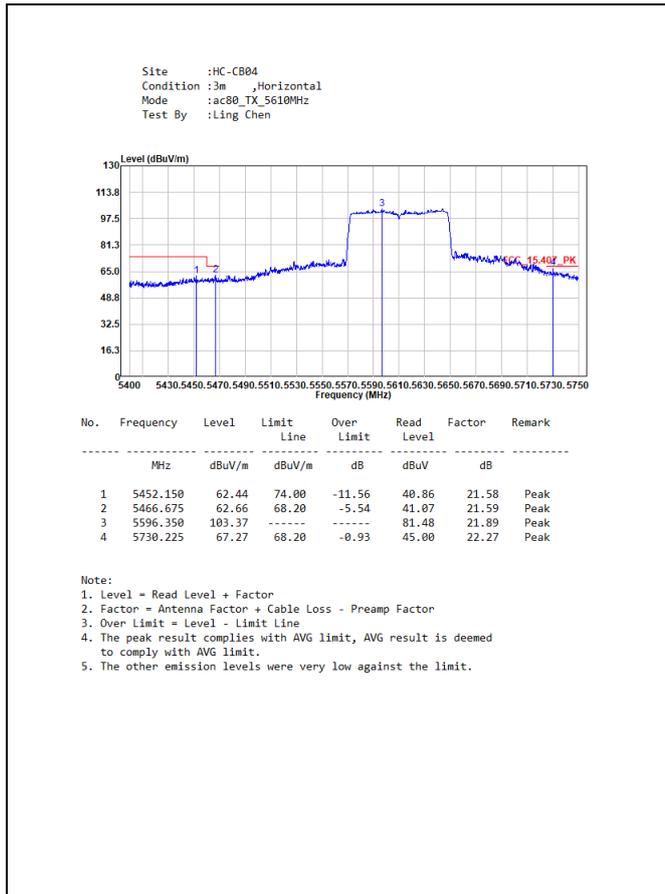
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

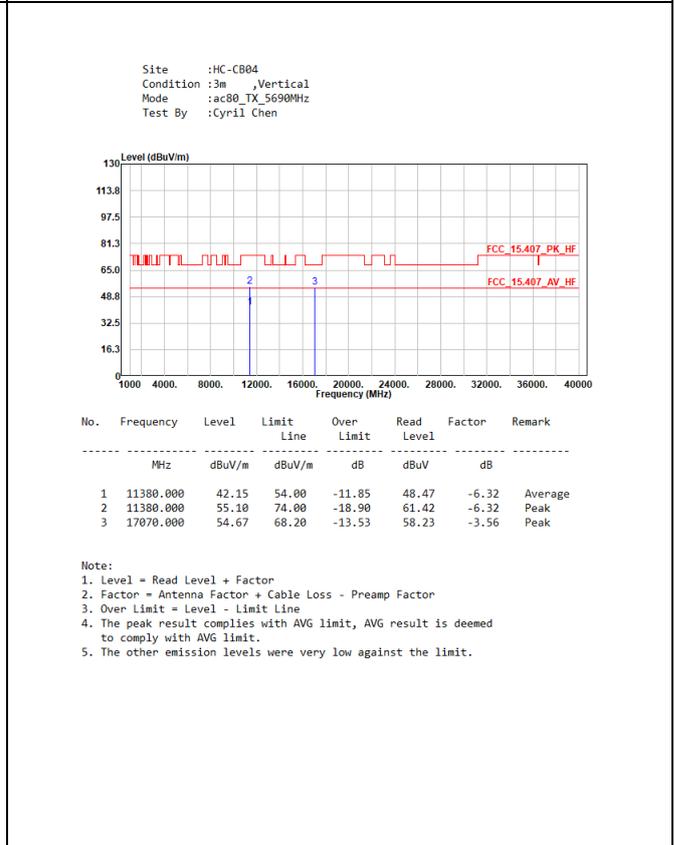
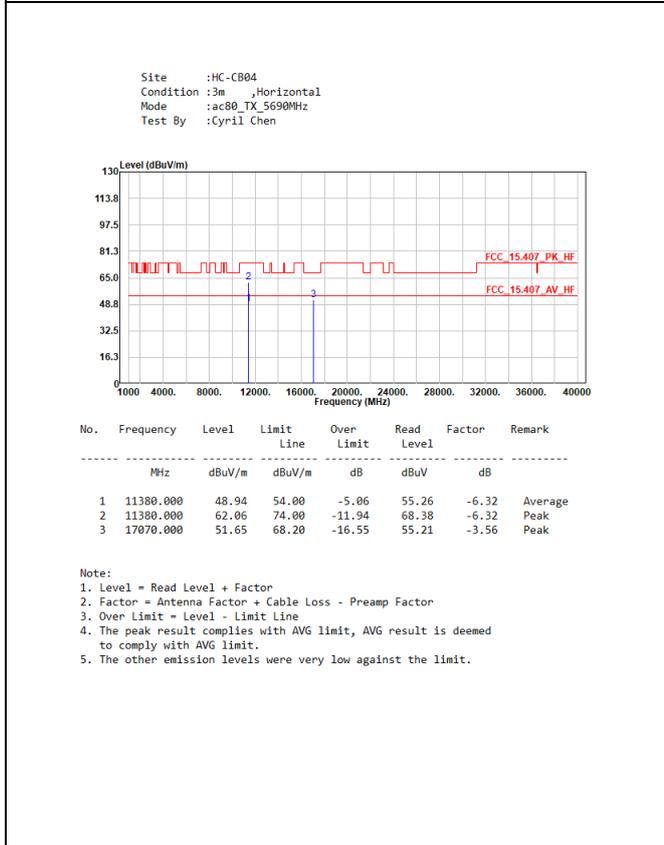
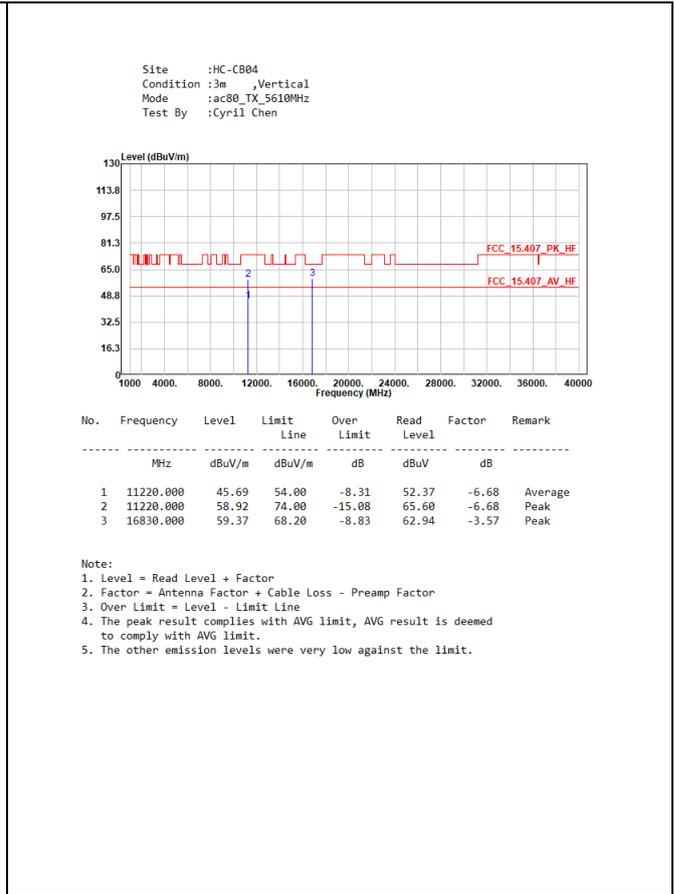
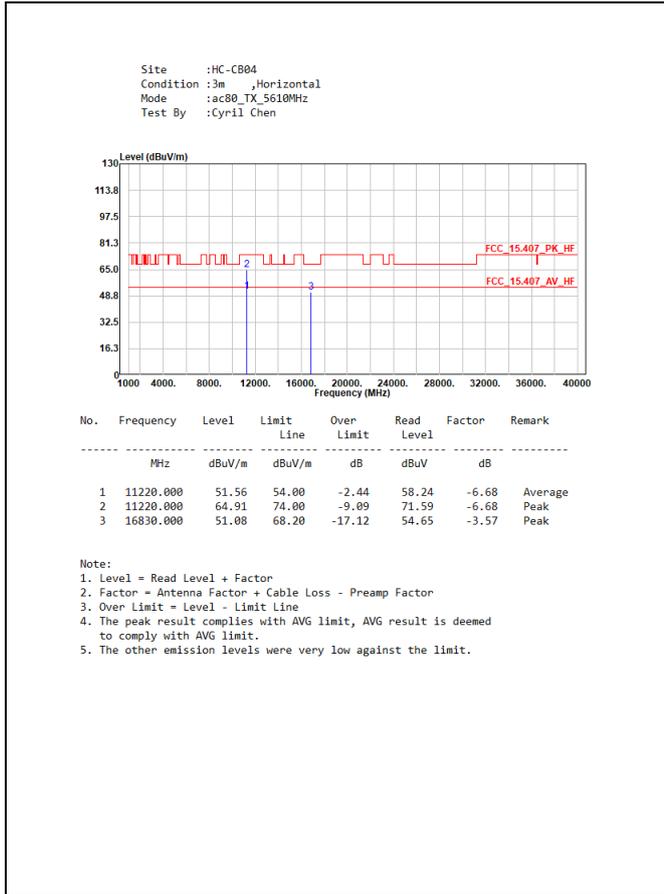
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5530MHz  
 Test By :Cyril Chen



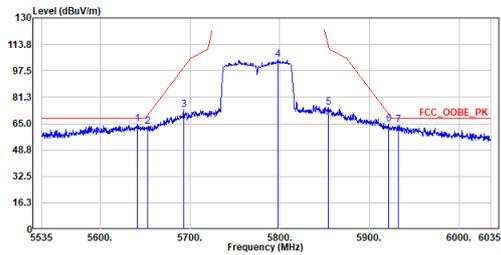
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11060.000	44.83	54.00	-9.17	51.86	-7.03	Average
2	11060.000	58.04	74.00	-15.96	65.07	-7.03	Peak
3	16590.000	58.26	68.20	-9.94	61.73	-3.47	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.





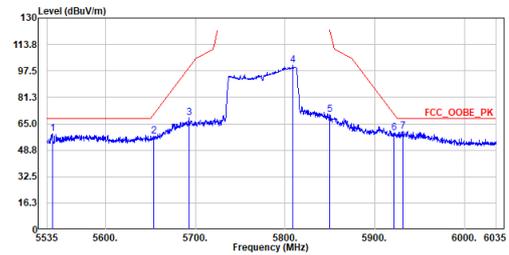
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5775MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5641.000	64.53	68.20	-3.67	42.51	22.02	Peak
2	5652.750	63.31	70.24	-6.93	41.27	22.04	Peak
3	5693.250	73.72	100.21	-26.49	51.55	22.17	Peak
4	5797.750	104.38	-----	-----	81.91	22.47	Peak
5	5854.250	74.86	112.51	-37.65	52.22	22.64	Peak
6	5921.250	64.68	70.98	-6.30	41.85	22.83	Peak
7	5932.250	64.12	68.20	-4.08	41.25	22.87	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

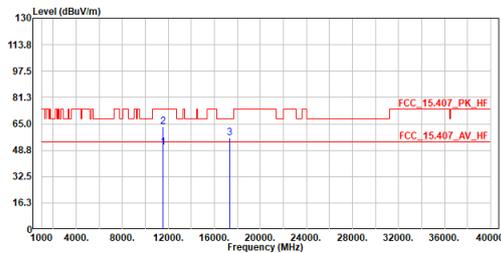
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5775MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	5541.000	59.10	68.20	-9.10	37.37	21.73	Peak
2	5654.000	57.50	71.17	-13.67	35.44	22.06	Peak
3	5693.250	68.50	100.21	-31.71	46.33	22.17	Peak
4	5809.000	100.85	-----	-----	78.34	22.51	Peak
5	5850.250	70.72	121.63	-50.91	48.09	22.63	Peak
6	5921.750	59.59	70.61	-11.02	36.76	22.83	Peak
7	5931.000	60.47	68.20	-7.73	37.60	22.87	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

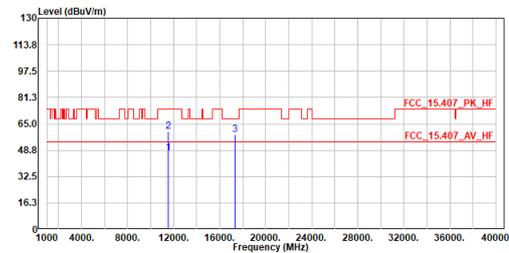
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :ac80\_TX\_5775MHz  
 Test By :Cyril Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11550.000	50.76	54.00	-3.24	56.80	-6.04	Average
2	11550.000	63.41	74.00	-10.59	69.45	-6.04	Peak
3	17325.000	56.31	68.20	-11.89	59.57	-3.26	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :ac80\_TX\_5775MHz  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	Mhz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	11550.000	46.86	54.00	-7.14	52.90	-6.04	Average
2	11550.000	60.18	74.00	-13.82	66.22	-6.04	Peak
3	17325.000	58.32	68.20	-9.88	61.58	-3.26	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

## Appendix E. Test Result of Radiated Emissions Co-location

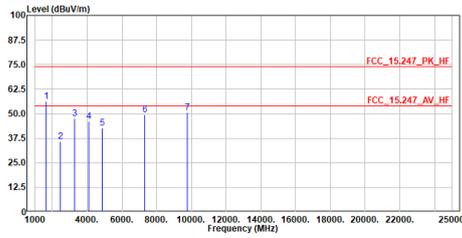
### WWAN LTE + WiFi 2.4 GHz

#### 30 MHz ~ 1 GHz:



**Above 1 GHz:**

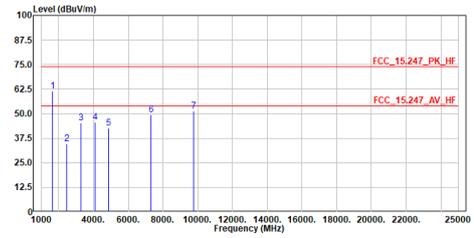
Site :HC-CB02  
 Condition :3m ,Horizontal  
 :RBW:1000 kHz VSH:3000 kHz  
 Mode :WLAN\_2.4G+WWAN LTE  
 Test by :Gary Liao



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1638.000	56.07	-----	-----	82.55	-26.48	Peak
2	2457.000	35.73	-----	-----	59.15	-23.42	Peak
3	3276.000	47.57	-----	-----	68.20	-20.63	Peak
4	4095.000	46.01	-----	-----	63.31	-17.30	Peak
5	4874.000	42.62	74.00	-31.38	57.10	-14.48	Peak
6	7311.000	49.44	74.00	-24.56	57.32	-7.88	Peak
7	9748.000	50.56	74.00	-23.44	54.84	-4.28	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

Site :HC-CB02  
 Condition :3m ,Vertical  
 :RBW:1000 kHz VSH:3000 kHz  
 Mode :WLAN\_2.4G+WWAN LTE  
 Test by :Gary Liao

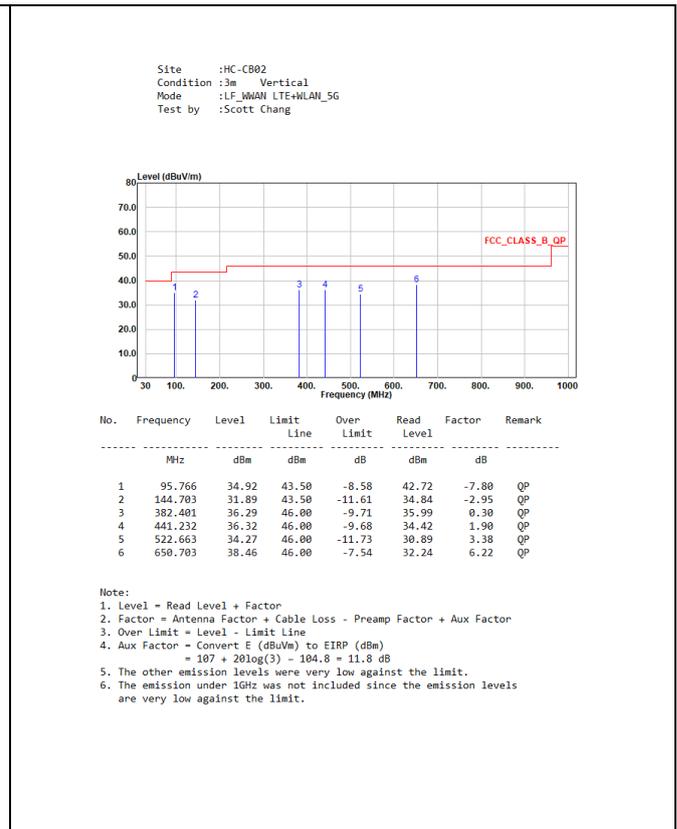
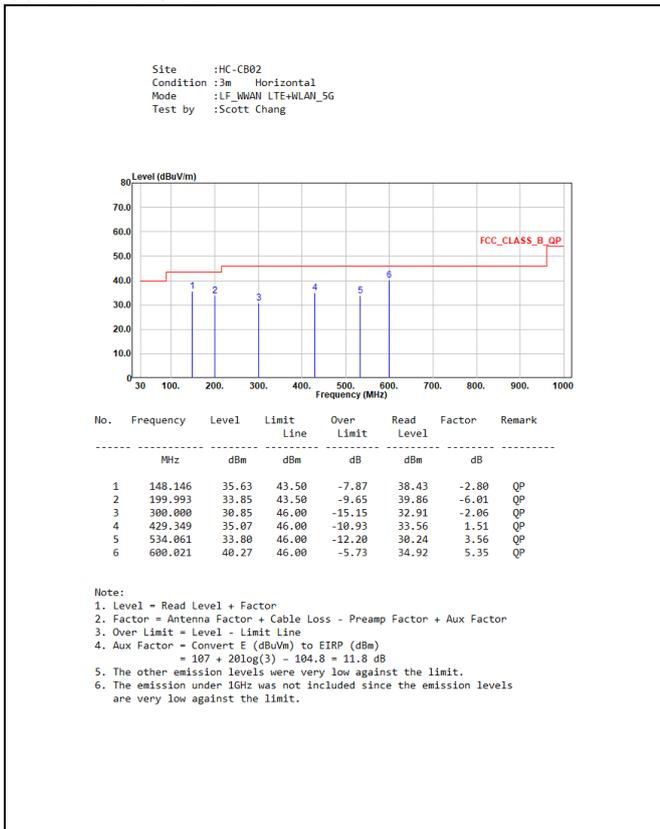


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1638.000	61.43	-----	-----	87.91	-26.48	Peak
2	2457.000	34.82	-----	-----	58.24	-23.42	Peak
3	3276.000	45.33	-----	-----	65.96	-20.63	Peak
4	4095.000	45.62	-----	-----	62.92	-17.30	Peak
5	4874.000	42.64	74.00	-31.36	57.12	-14.48	Peak
6	7311.000	49.56	74.00	-24.44	57.44	-7.88	Peak
7	9748.000	51.30	74.00	-22.70	55.58	-4.28	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

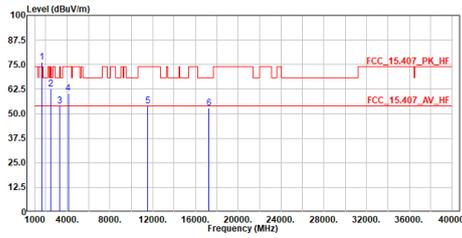
**WWAN LTE + WiFi 5 GHz**

**30 MHz ~ 1 GHz:**



**Above 1 GHz:**

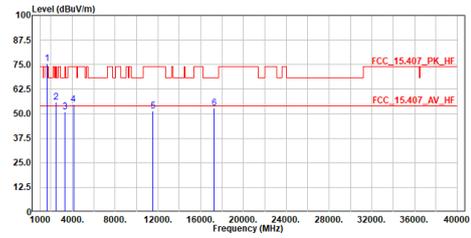
Site :HC-CB02  
 Condition :3m ,Horizontal  
 :RBW:1000 kHz VBW:3000 kHz  
 Mode :WLAN\_5G-HWLAN LTE  
 Test by :Gary Liao



No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	1638.000	76.26	-----	-----	102.74	-26.48	Peak
2	2457.000	62.56	-----	-----	85.98	-23.42	Peak
3	3276.000	53.92	-----	-----	74.55	-20.63	Peak
4	4095.000	60.20	-----	-----	77.50	-17.30	Peak
5	11510.000	53.93	74.00	-20.07	55.67	-1.74	Peak
6	17265.000	52.73	68.20	-15.47	51.17	1.56	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

Site :HC-CB02  
 Condition :3m ,Vertical  
 :RBW:1000 kHz VBW:3000 kHz  
 Mode :WLAN\_5G-HWLAN LTE  
 Test by :Gary Liao

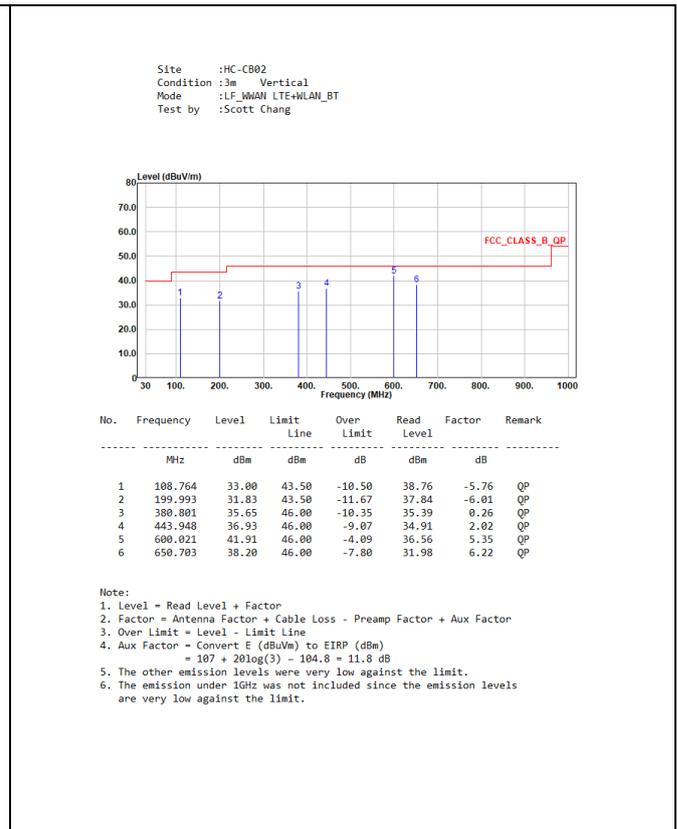
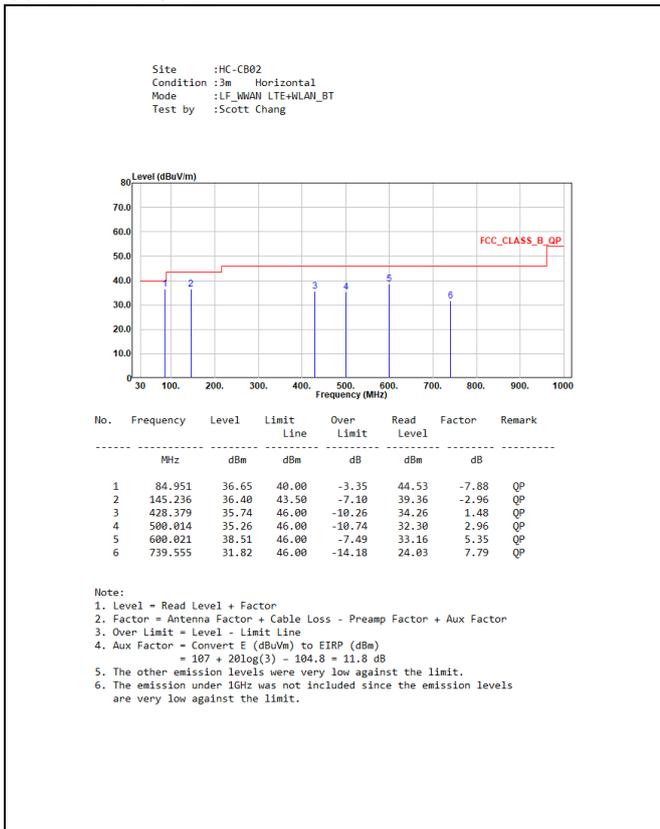


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	1638.000	75.62	-----	-----	102.10	-26.48	Peak
2	2457.000	55.90	-----	-----	79.32	-23.42	Peak
3	3276.000	50.91	-----	-----	71.54	-20.63	Peak
4	4095.000	54.82	-----	-----	72.12	-17.30	Peak
5	11510.000	51.50	74.00	-22.50	53.24	-1.74	Peak
6	17265.000	52.75	68.20	-15.45	51.19	1.56	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

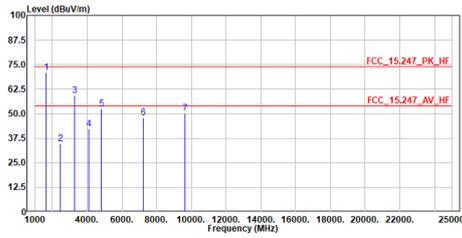
**WWAN LTE + Bluetooth**

**30 MHz ~ 1 GHz:**



**Above 1 GHz:**

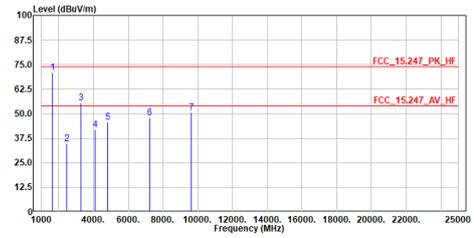
Site :HC-CB02  
 Condition :3m ,Horizontal  
 :RBW:1000 kHz VBW:3000 kHz  
 Mode :WLAN\_BT-WWAN LTE  
 Test by :Gary Liao



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1638.000	70.90	-----	-----	97.38	-26.48	Peak
2	2457.000	34.85	-----	-----	58.27	-23.42	Peak
3	3276.000	59.37	-----	-----	80.00	-20.63	Peak
4	4895.000	42.17	-----	-----	59.47	-17.30	Peak
5	4804.000	52.42	74.00	-21.58	67.17	-14.75	Peak
6	7206.000	47.92	74.00	-26.08	55.91	-7.99	Peak
7	9608.000	50.26	74.00	-23.74	54.82	-4.56	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

Site :HC-CB02  
 Condition :3m ,Vertical  
 :RBW:1000 kHz VBW:3000 kHz  
 Mode :WLAN\_BT-WWAN LTE  
 Test by :Gary Liao



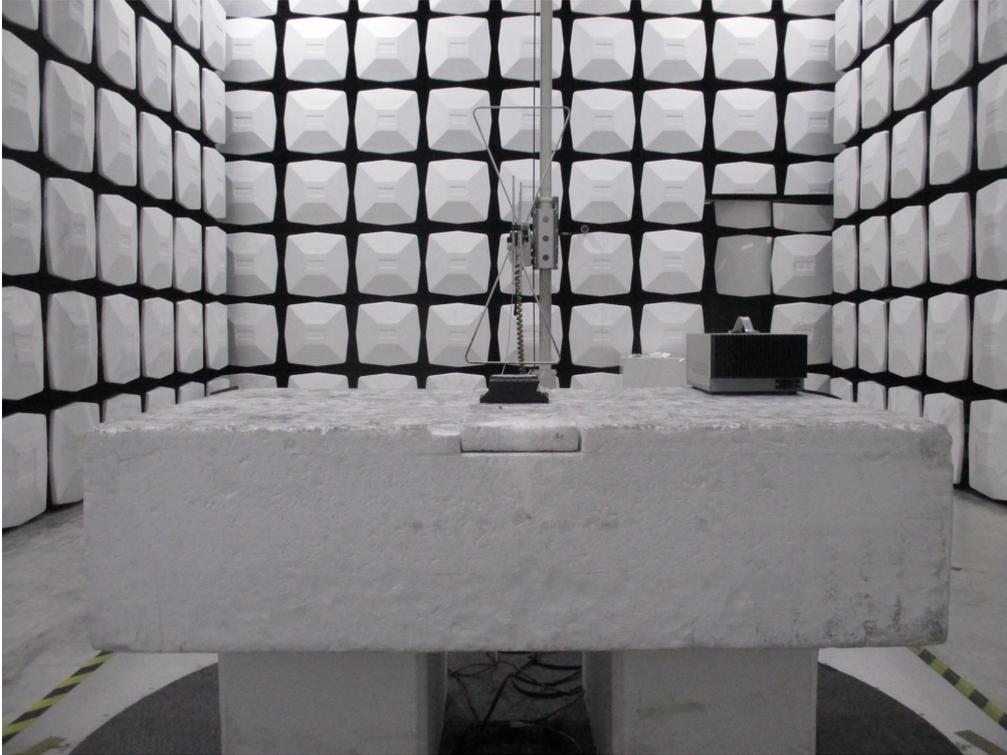
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	1638.000	70.95	-----	-----	97.43	-26.48	Peak
2	2457.000	34.80	-----	-----	58.22	-23.42	Peak
3	3276.000	55.56	-----	-----	76.19	-20.63	Peak
4	4895.000	41.77	-----	-----	59.07	-17.30	Peak
5	4804.000	45.82	74.00	-28.18	60.57	-14.75	Peak
6	7206.000	47.94	74.00	-26.06	55.93	-7.99	Peak
7	9608.000	50.48	74.00	-23.52	55.04	-4.56	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.  
 6. "-----" is WWAN signal, and the test result complies with limit -13dBm.  
 Please refer to report number 2570523R-RFNAV025-N & 2570523R-RFNAV025-O for more detailed information.

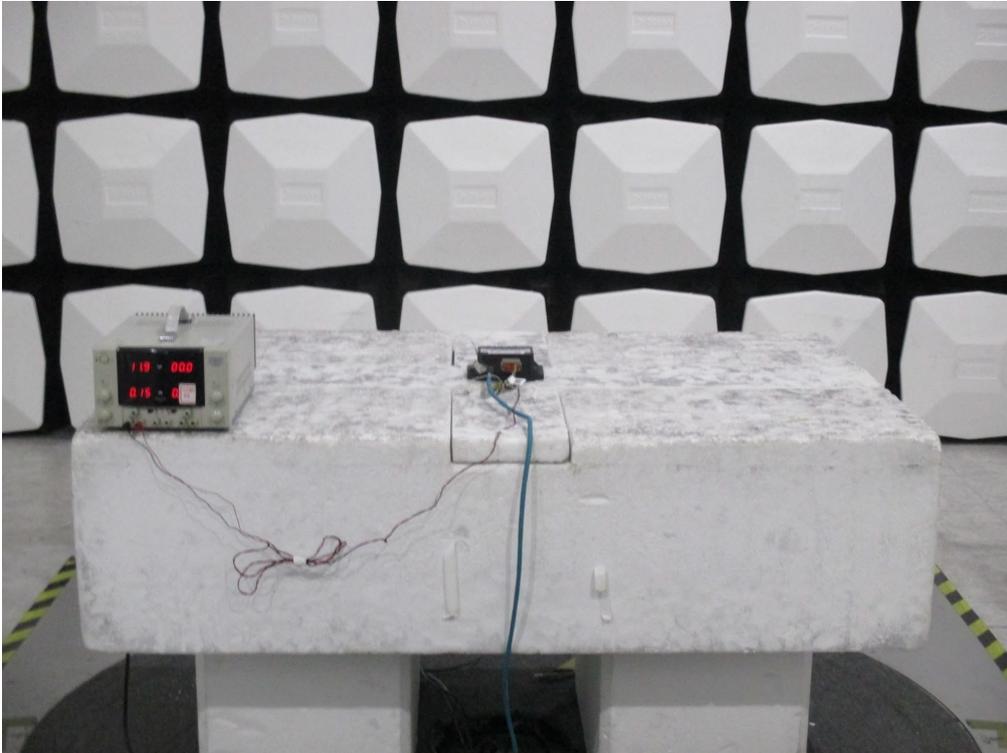
## Appendix F. Test Setup Photograph

### <Radiated Emission>

Description: Front View of Radiated Emission Test Setup (30 MHz ~ 1 GHz)



Description: Rear View of Radiated Emission Test Setup (30 MHz ~ 1 GHz)



Description: Front View of Radiated Emission Test Setup (Above 1 GHz)



Description: Rear View of Radiated Emission Test Setup (Above 1 GHz)

