



Test Report No:
2230212R-RFUSWL5V01-B

TEST REPORT

FCC Rules&Regulations

Product Name	11ax Cloud Managed AP
Brand Name	EnGenius
Model No.	ECW336
FCC ID	A8J-ECW336
Applicant's Name / Address	EnGenius Technologies 1580 Scenic Avenue, Costa Mesa, CA92626
Manufacturer's Name / Address	Senao Networks, Inc. No. 500, Fusing 3rd Rd., Hwa Ya Technology Park, Kuei-Shan District, Taoyuan City 333, Taiwan
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>Hailey Peng</i> Hailey Peng
Approved By	<i>Rueyyan Lin</i> Rueyyan Lin
Date of Receipt	Jan. 17, 2024
Date of Issue	Apr. 26, 2024
Report Version	V1.0

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Competences and Guarantees

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.

General Conditions

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

Version	Description	Issued Date
V1.0	Initial issue of report	Apr. 26, 2024

Permissive Change

Report No.	Version	Description	Issued Date
2230212R-RFUSWL5V01-A	V1.0	Original application.	May 20, 2022
2230212R-RFUSWL5V01-B	V1.0	1. Change 5G filters (FL6/FL129/FL131/FL133) to ACPF-W055 from ACPF-W050. 2. Reduce output power of 5G U-NII-3. After evaluating, it was re-tet all test items of 5G U-NII-3.	Apr. 26, 2024

Summary of Test Result

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

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 who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	5725 ~ 5850 MHz	
Operating Frequency / Channel Number	IEEE 802.11a	5745 ~ 5825 MHz / 5 Channels
	IEEE 802.11n/ac/ax (20 MHz)	
	IEEE 802.11n/ac/ax (40 MHz)	5755 ~ 5795 MHz / 2 Channels
	IEEE 802.11ac/ax (80 MHz)	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
	IEEE 802.11ax	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM

Antenna Information						
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)	Maximum Antenna Gain (dBi)	Directional Gain (dBi)
1	Senao	ECW336	PIFA	5.09	5.09	10.23
2	Senao	ECW336	PIFA	3.04		
3	Senao	ECW336	PIFA	4.56		
4	Senao	ECW336	PIFA	4.01		

Directional Gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{Ant}]$.

For IEEE 802.11a/n/ac/ax Mode: (4TX, 4RX)

Both Ant. 1, Ant. 2, Ant. 3 and Ant. 4 can be used as transmitting/receiving antennas, and they can transmit/receive signal simultaneously.

1.2. EUT Information

EUT Power Type	From Adapter / PoE			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
Resource Unit of 802.11ax	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Product Type	<input type="checkbox"/>	Outdoor AP	<input checked="" type="checkbox"/>	Indoor AP
	<input type="checkbox"/>	Fixed P2P AP	<input 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
- ◆ KDB 414788 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. 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
AC Conduction Emission	HC-SR02	Igor Tseng	20.2~21.2 / 62~63	2024/01/30~2024/03/07
RF Conducted Emission	HC-SR12	Scott Chang	18.5~20.5 / 53.2~55.6	2024/01/29~2024/03/06
Radiated Emission	HC-CB02	Cyril Chen	18.5~20.5 / 53.2~55.6	2024/01/29

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
AC Power Line Conducted Emission	± 2.34 dB
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-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2023/12/15	2024/12/14
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2023/09/19	2024/09/18
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2023/06/02	2024/06/01
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz–2500 MHz	2023/08/04	2024/08/03
EMI Testing System	Audix	e3 210616 dekra V9	HC-SR02	N/A	N/A	N/A

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
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2023/07/03	2024/07/02

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2023/05/29	2024/05/28
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2023/04/13	2024/04/12
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2023/11/09	2024/11/08
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2023/04/07	2024/04/06
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2023/05/05	2024/05/04
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(13m)	Suhner	SF104	HC-CB02	30M-18 GHz	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2023/08/14	2024/08/13
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	AC 120V/60Hz

2.2. Test Frequency Mode

Test Software Version	QSPR Version 5.0-00197
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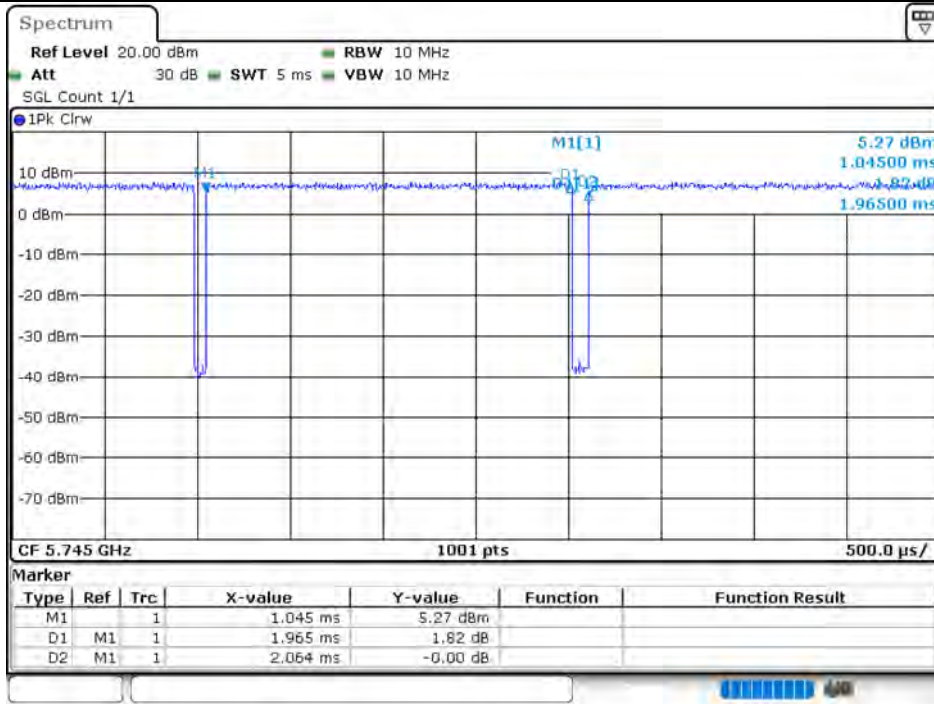
Modulation	Frequency (MHz)	Power Setting
802.11a	5745	19.0
	5785	18.0
	5825	18.0
802.11ax (20 MHz)	5745	17.0
	5785	17.5
	5825	17.5
802.11ax (40 MHz)	5755	18.5
	5795	18.0
802.11ax (80 MHz)	5755	17.0

2.3. Duty Cycle

Modulation	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	1.965	2.064	95.20	0.21	0.509
802.11ax (20 MHz)	5.420	5.720	94.76	0.23	0.185
802.11ax (40 MHz)	5.420	5.780	93.77	0.28	0.185
802.11ax (80 MHz)	5.410	5.800	93.28	0.30	0.185

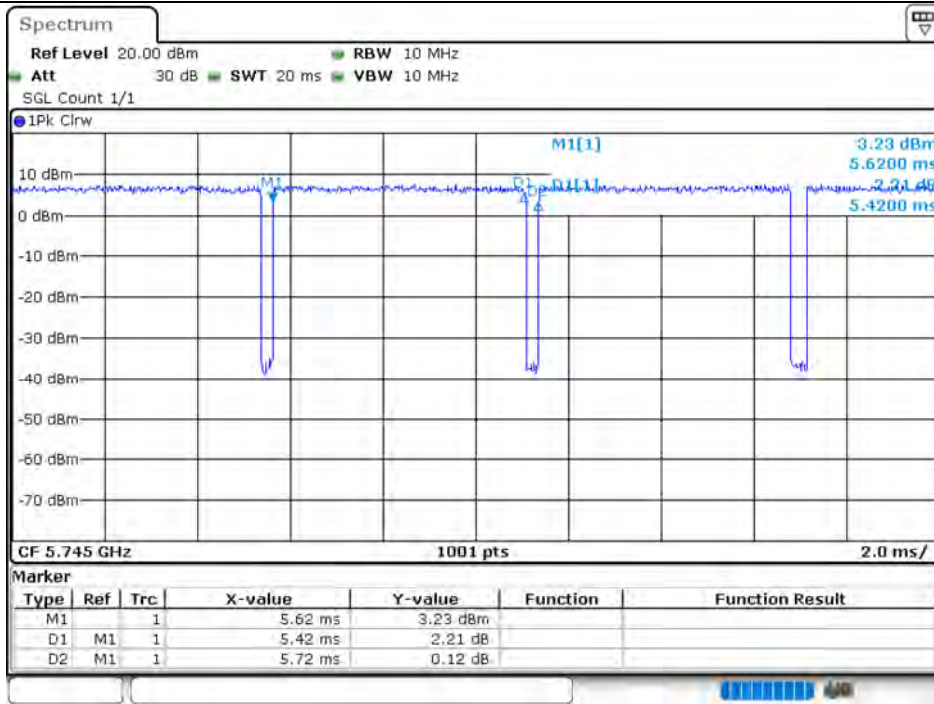
Note: The duty factor will compensation encompasses for the total power spectral density.

802.11a



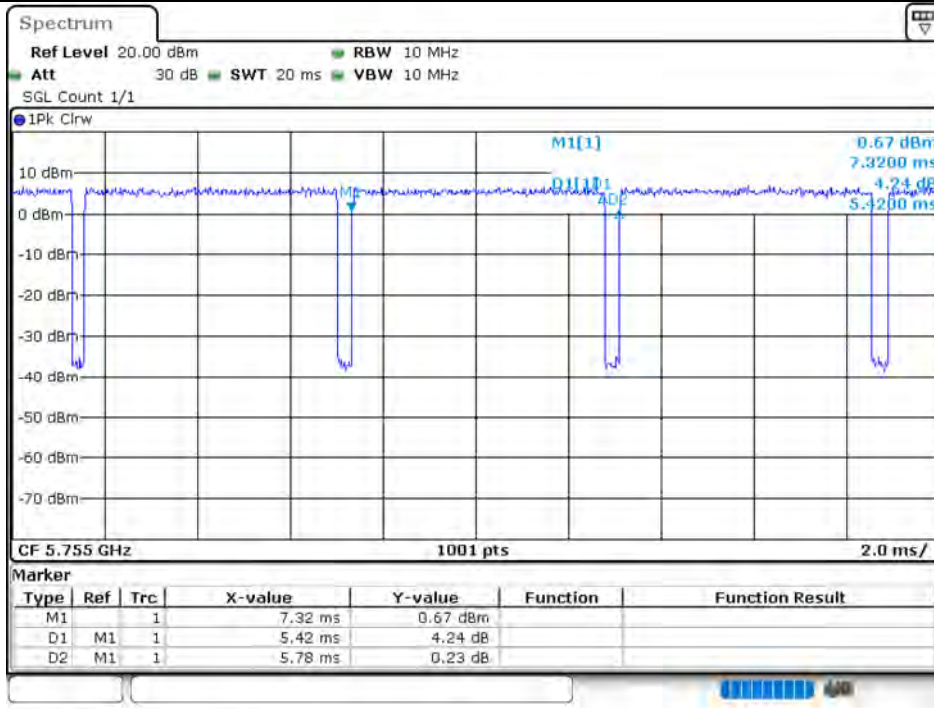
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802.11ax (20 MHz)



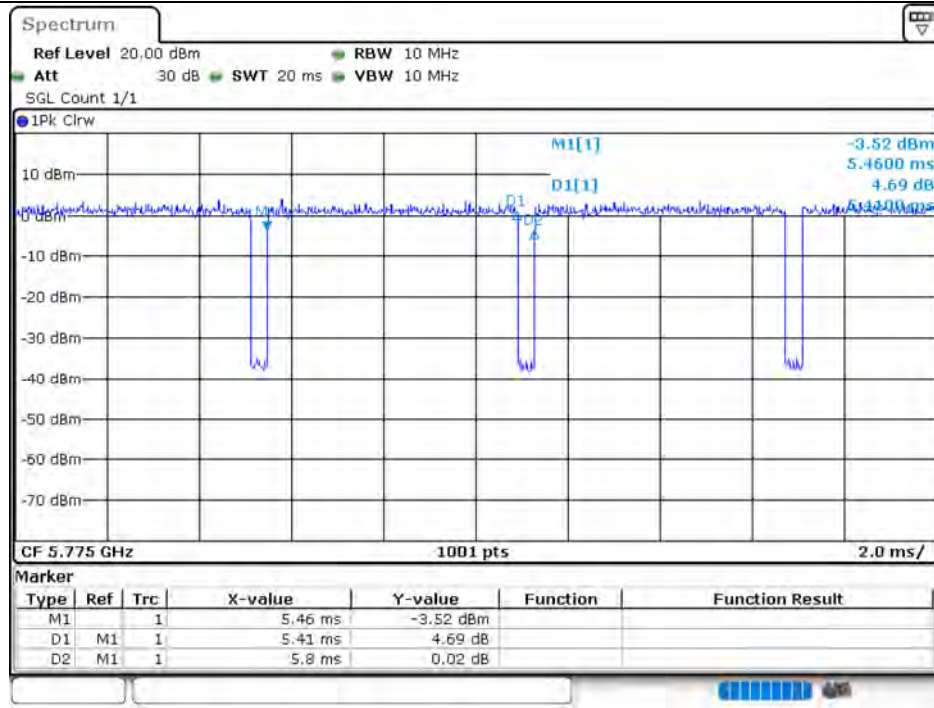
DATE: 5-MAR-2024 12:16:48

802.11ax (40 MHz)



Date: 9.MAY.2024 15:04:46

802.11ax (80 MHz)



Date: 9.MAY.2024 15:08:01

2.4. The Worst Case Measurement Configuration

Tests Item	AC Power Line Conducted Emission
Test Condition	AC power line conducted measurement for line and neutral
Operating Mode	Transmit
1	EUT + Adapter
2	EUT + PoE
Mode 1 is the worst case and it was record in this test report.	

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
1	EUT + Adapter
2	EUT + PoE
Mode 2 is the worst case and it was record in this test report.	
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 Y axis, so the measurement will follow this same test configuration.	

Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11n mode for HT20/HT40, 802.11ac mode for VHT20/VHT40/VHT80 and 802.11ax mode for HEW20/HEW40/HEW80, therefore investigated worst case to representative mode in test report.

2.5. Tested System Details

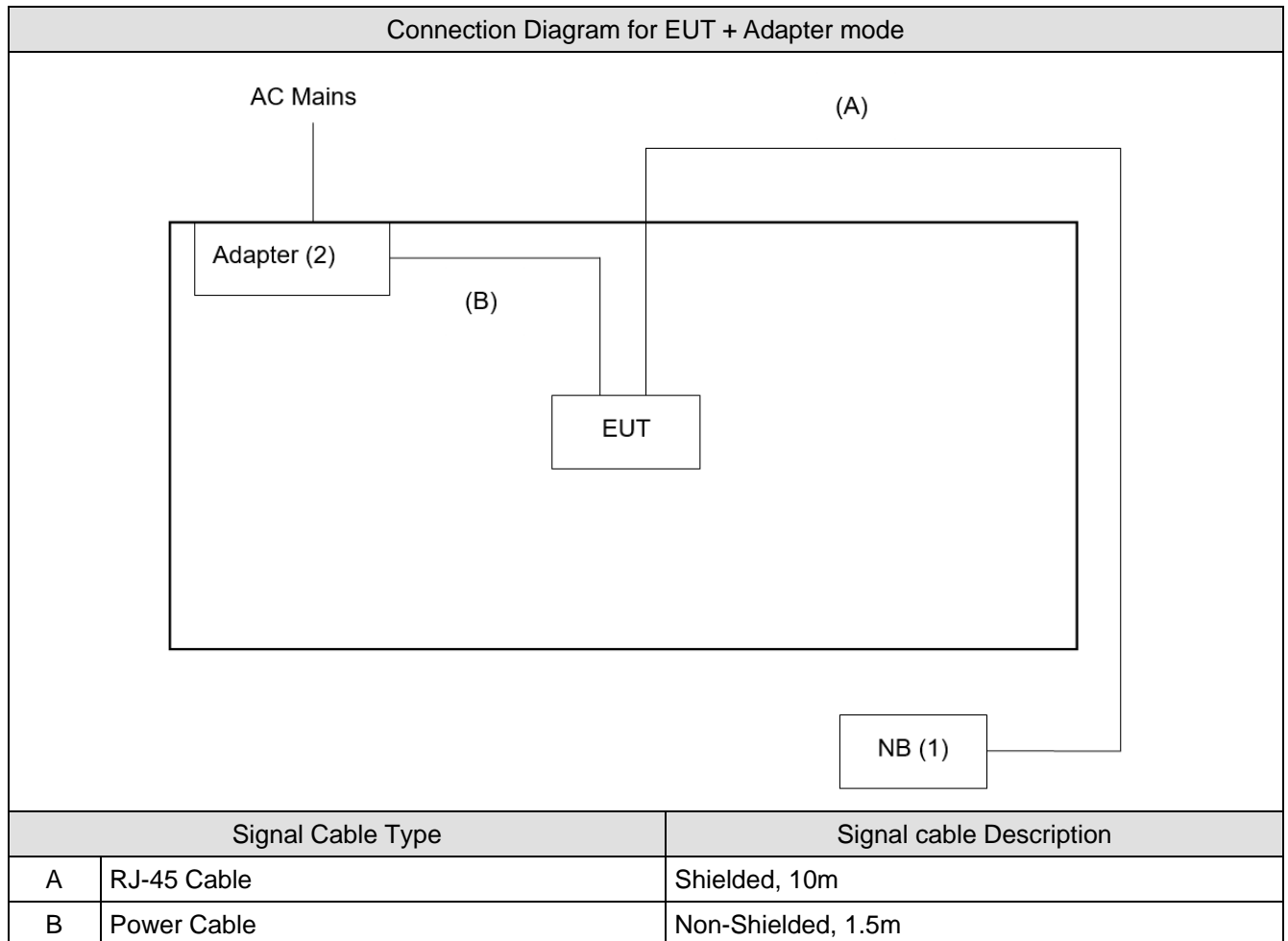
For EUT + Adapter mode

No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	Lenovo	20UE MD S1SL00	PF-208MMP
2	AC Adapter	APD	WA-30J12R	N/A

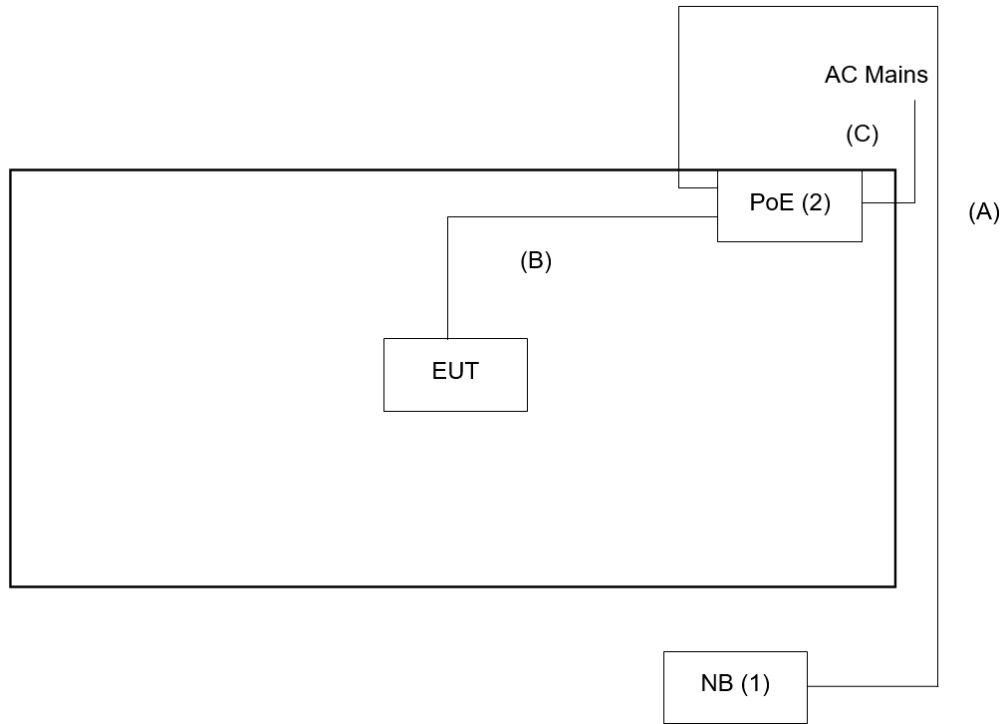
For EUT + PoE mode

No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	Lenovo	20UE MD S1SL00	PF-208MMP
2	PoE adapter	EnGenius	EPA5006GP	N/A

2.6. Configuration of tested System



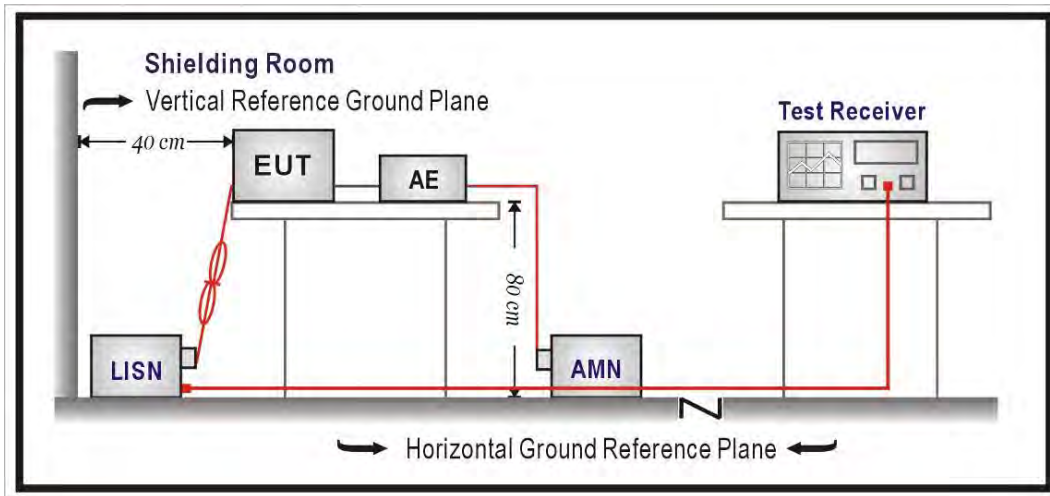
Connection Diagram for EUT + PoE mode



Signal Cable Type		Signal cable Description
A	RJ-45 Cable	Shielded, 10m
B	RJ-45 Cable	Non-Shielded, 3m
C	Power Cable	Non-Shielded, 0.5m

3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remark: In the above table, the tighter limit applies at the band edges.

3.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

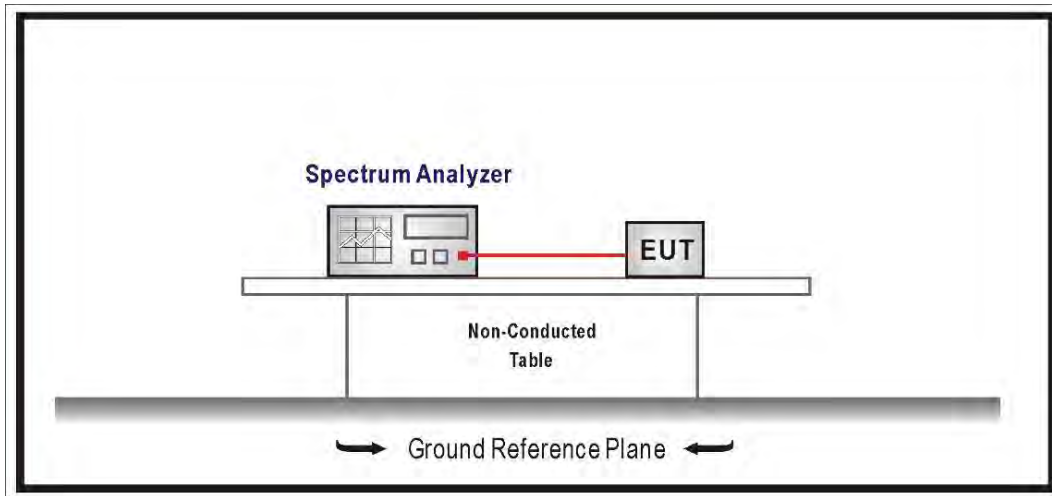
Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. Emission Bandwidth

4.1. Test Setup



4.2. Test Limit

99% & 26dB Bandwidth : No Required

6dB Bandwidth \geq 500kHz

4.3. 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 :

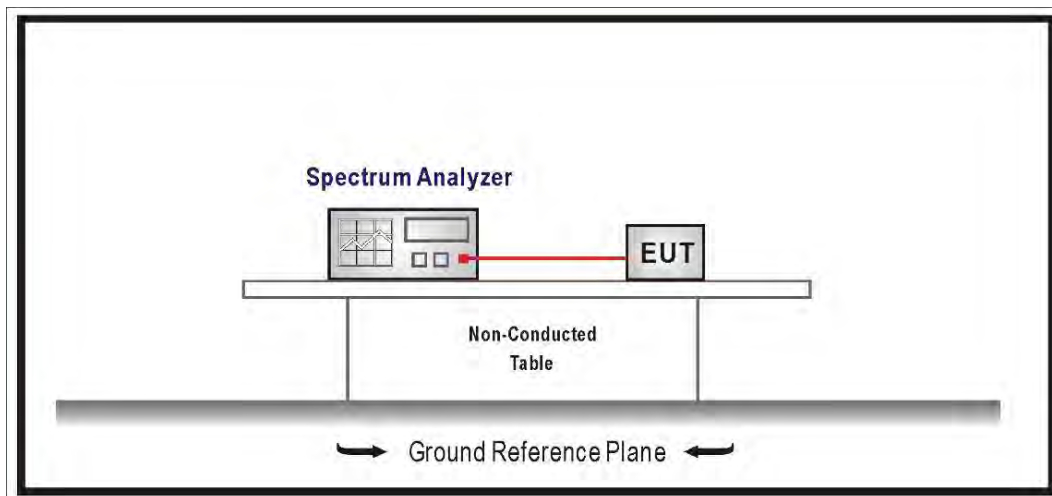
Set RBW = 100kHz, VBW \geq 3xRBW, Sweep time=Auto, Set Peak detector.

4.4. Test Result of Emission Bandwidth

Refer as Appendix B

5. Maximum Conducted Output Power

5.1. Test Setup



5.2. 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.

5.3. Test Procedure

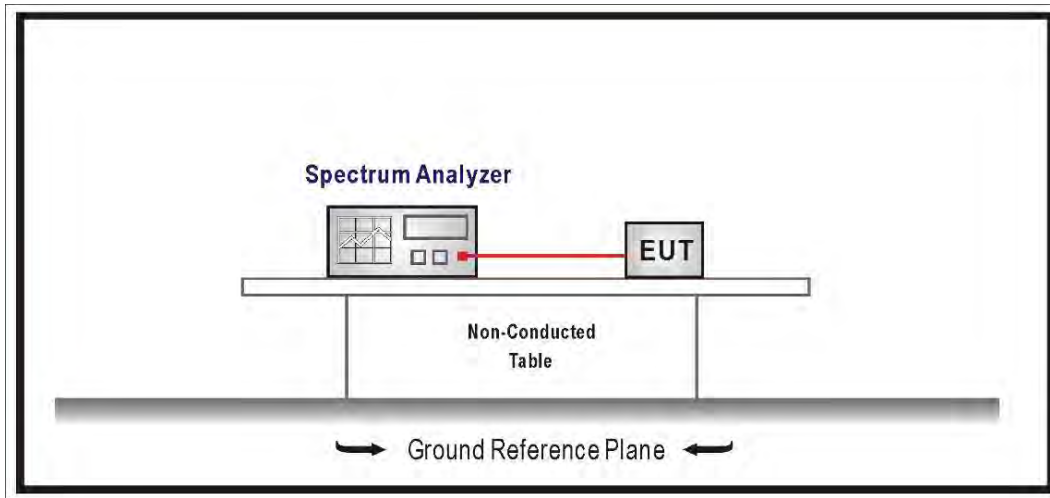
The EUT was setup to ANSI C63.10: 2013; tested according to U-NII test procedure of KDB 789033.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Maximum Power Spectral Density

6.1. Test Setup



6.2. 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.

6.3. Test Procedure

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

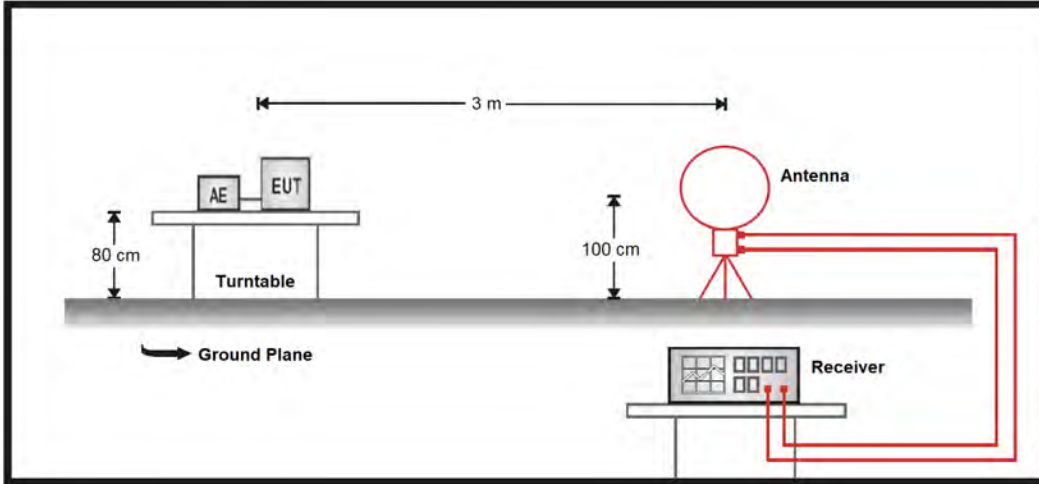
6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

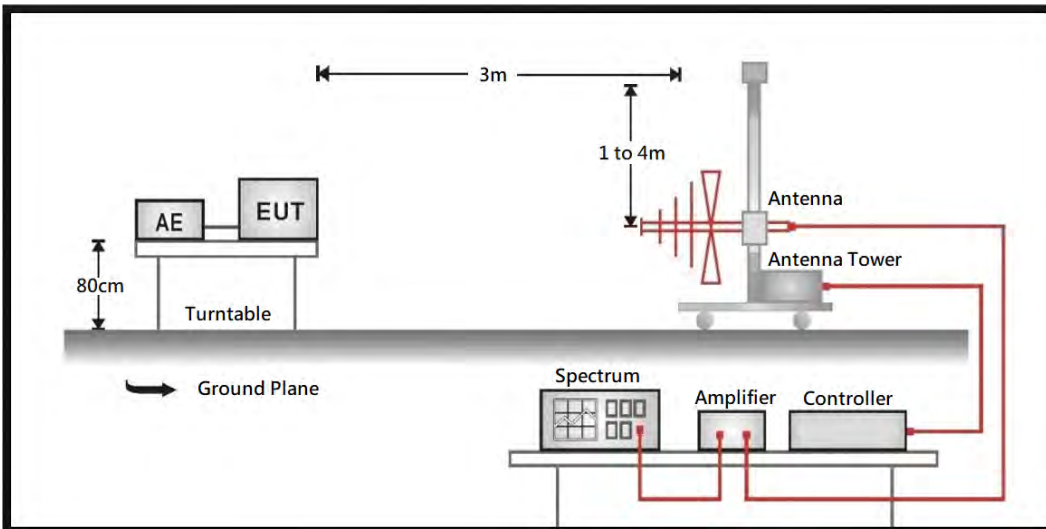
7. Transmitter Radiated Spurious Emission

7.1. Test Setup

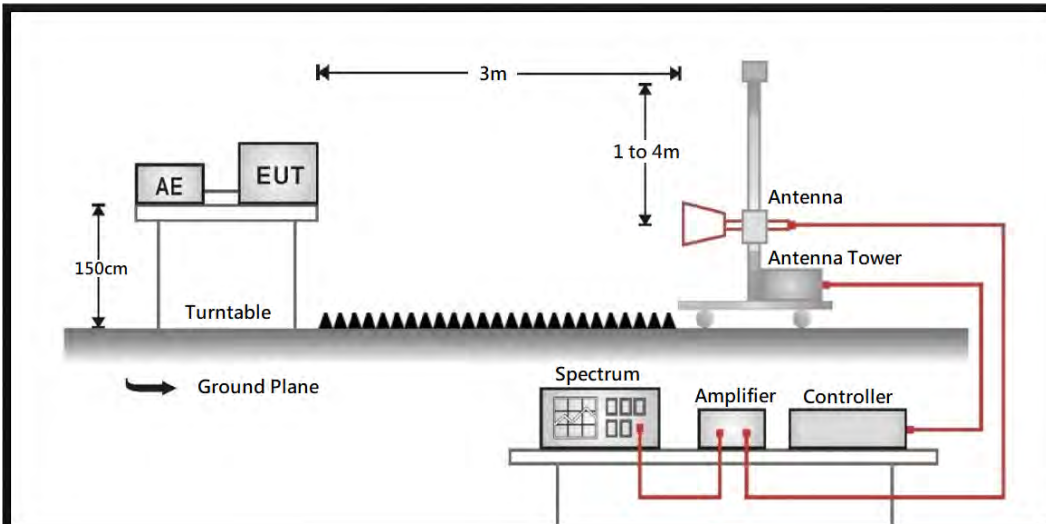
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



7.2. 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 ^{*1}	68.2 ^{*1}
	10 ^{*2}	105.2 ^{*2}
	15.6 ^{*3}	110.8 ^{*3}
	27 ^{*4}	122.2 ^{*4}

^{*1} beyond 75 MHz or more above of the band edge.

^{*2} below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

^{*3} below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

^{*4} 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:

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

7.3. 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.

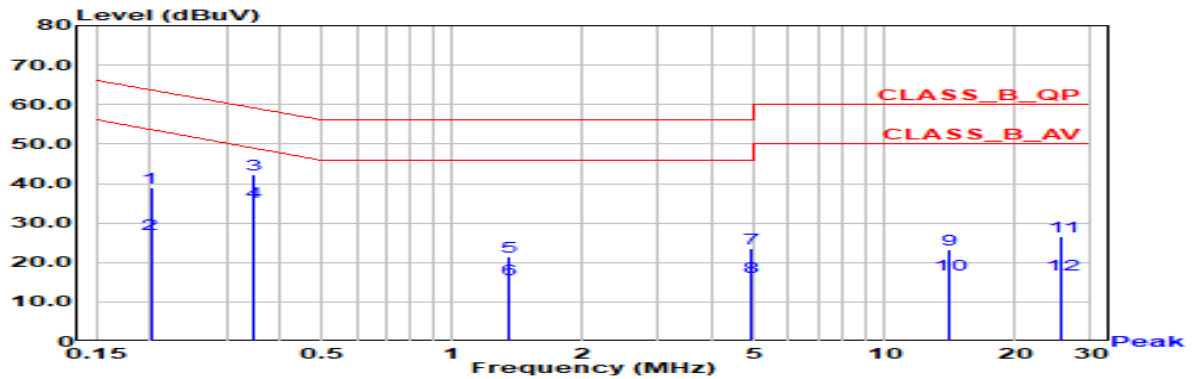
The frequency range from 9 kHz to 10th harmonics and included The frequency range from the lowest oscillator frequency generated within the device up to the 10th harmonic was checked is checked.

7.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix E

Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode	Mode 1	Phase	Line
Test Condition	802.11ax (80 MHz) / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5775 MHz		

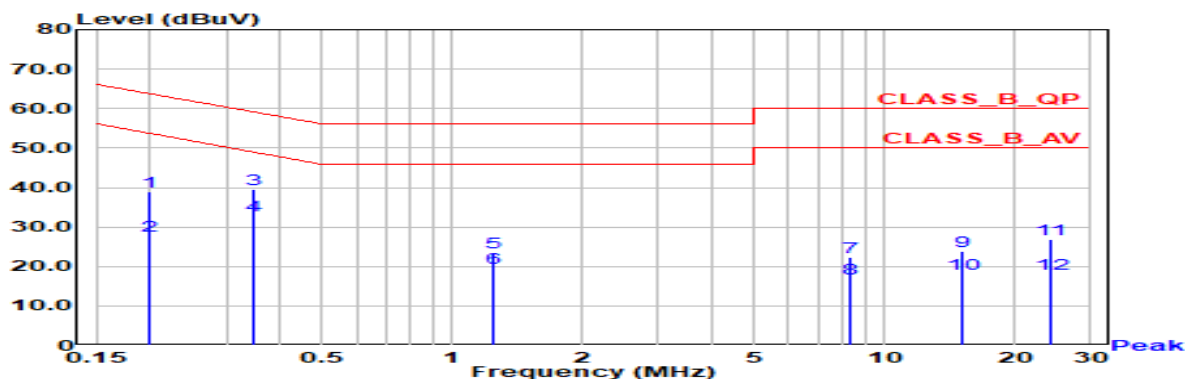


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.200	38.84	63.59	-24.76	28.96	9.87	QP
2	0.200	27.30	53.59	-26.29	17.43	9.87	AV
3	0.348	42.28	59.01	-16.73	32.40	9.88	QP
*4	0.348	35.44	49.01	-13.57	25.56	9.88	AV
5	1.353	21.35	56.00	-34.65	11.40	9.95	QP
6	1.353	15.62	46.00	-30.38	5.68	9.95	AV
7	4.901	23.63	56.00	-32.37	13.52	10.11	QP
8	4.901	16.40	46.00	-29.60	6.29	10.11	AV
9	14.045	23.11	60.00	-36.89	12.77	10.33	QP
10	14.045	17.04	50.00	-32.96	6.71	10.33	AV
11	25.718	26.52	60.00	-33.48	16.02	10.50	QP
12	25.718	16.85	50.00	-33.15	6.35	10.50	AV

Note:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Test Mode	Mode 1	Phase	Neutral
Test Condition	802.11ax (80 MHz) / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5775 MHz		



No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
1	0.200	38.79	63.63	-24.83	28.94	9.85	QP
2	0.200	27.89	53.63	-25.74	18.04	9.85	AV
3	0.347	39.65	59.02	-19.37	29.79	9.87	QP
*4	0.347	32.79	49.02	-16.23	22.92	9.87	AV
5	1.242	23.56	56.00	-32.44	13.63	9.93	QP
6	1.242	19.53	46.00	-26.47	9.60	9.93	AV
7	8.284	22.24	60.00	-37.76	12.08	10.17	QP
8	8.284	16.90	50.00	-33.10	6.74	10.17	AV
9	15.209	23.89	60.00	-36.11	13.63	10.26	QP
10	15.209	18.12	50.00	-31.88	7.86	10.26	AV
11	24.269	26.76	60.00	-33.24	16.35	10.40	QP
12	24.269	18.14	50.00	-31.86	7.73	10.40	AV

Note:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Appendix B. Test Result of Emission Bandwidth

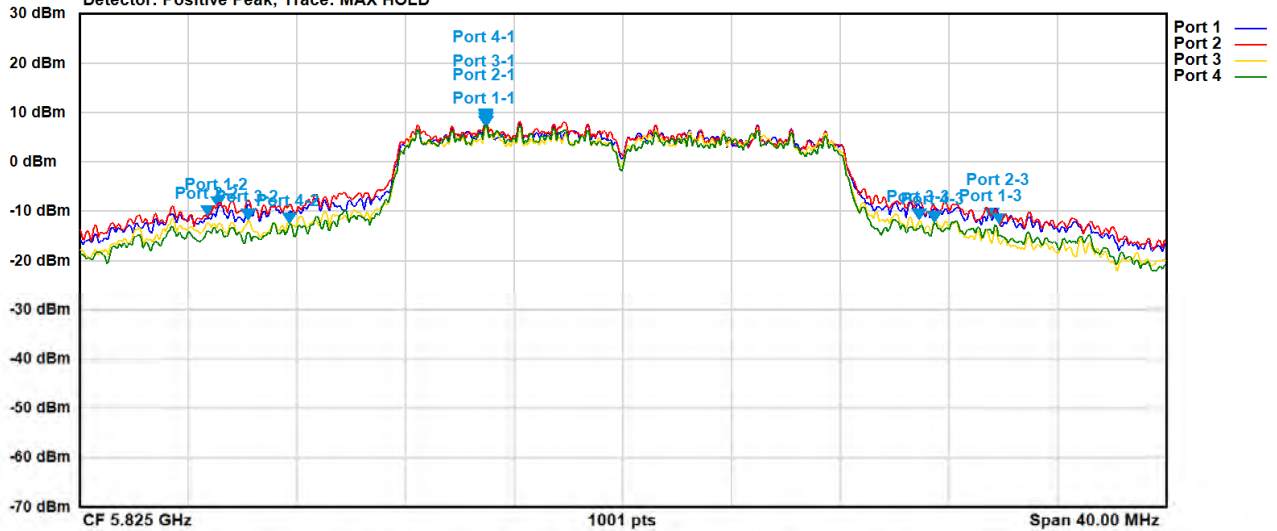
Modulation	Frequency (MHz)	99% Bandwidth (MHz)				DTS Bandwidth (MHz)				Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Ant. 1	Ant. 2	Ant. 3	Ant. 4	99% Bandwidth	DTS Bandwidth
802.11a	5745	18.941	19.420	18.021	16.623	16.320	15.920	16.320	15.360	-	0.50
	5785	19.940	20.619	17.302	16.823	15.920	15.320	15.920	15.640	-	0.50
	5825	28.531	29.170	24.735	23.776	16.320	16.320	16.320	15.880	-	0.50
802.11ax (20 MHz)	5745	19.060	19.060	18.941	18.861	18.720	18.920	18.960	18.360	-	0.50
	5785	19.260	19.540	19.140	19.180	18.680	18.960	18.880	19.000	-	0.50
	5825	25.014	25.334	20.819	20.219	19.040	18.480	18.000	19.080	-	0.50
802.11ax (40 MHz)	5755	39.720	41.558	39.160	38.281	36.960	36.560	37.680	37.760	-	0.50
	5795	54.505	56.983	45.874	43.716	37.920	36.400	37.600	38.240	-	0.50
802.11ax (80 MHz)	5755	77.682	77.682	77.362	77.362	76.480	65.600	74.880	75.200	-	0.50

For 99% Bandwidth:

Spectrum plot of worst value

802.11a / Ant. 2 / 5825 MHz

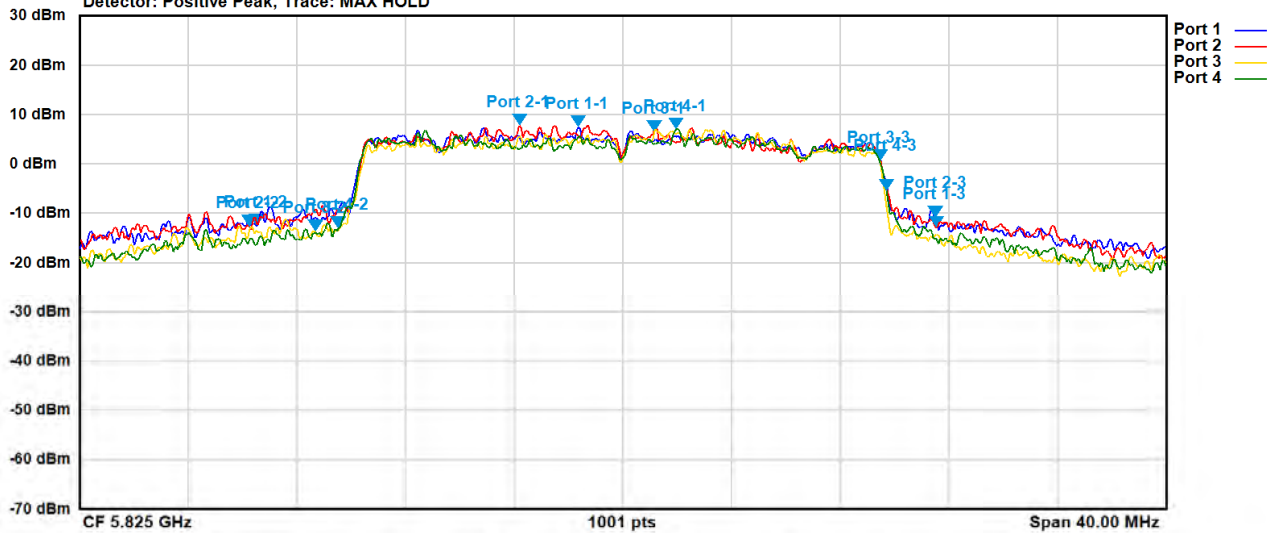
Ref Level 30.00 dBm Offset 0.00 dB RBW 200 kHz
 Att 30 dB SWT 28.4 us VBW 1 MHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.819965 GHz	8.09 dBm	5.810094 GHz	-9.40 dBm	5.838626 GHz	-11.41 dBm	99% OBW: 28.531468532 MHz
Port 2	5.819965 GHz	8.42 dBm	5.809735 GHz	-11.21 dBm	5.838906 GHz	-12.61 dBm	99% OBW: 29.170829171 MHz
Port 3	5.819965 GHz	6.81 dBm	5.811213 GHz	-11.96 dBm	5.835949 GHz	-11.85 dBm	99% OBW: 24.735264735 MHz
Port 4	5.819965 GHz	7.50 dBm	5.812732 GHz	-12.69 dBm	5.836508 GHz	-12.40 dBm	99% OBW: 23.776223776 MHz

802.11ax (20 MHz) / Ant. 2 / 5825 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 200 kHz
 Att 30 dB SWT 28.4 us VBW 1 MHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD

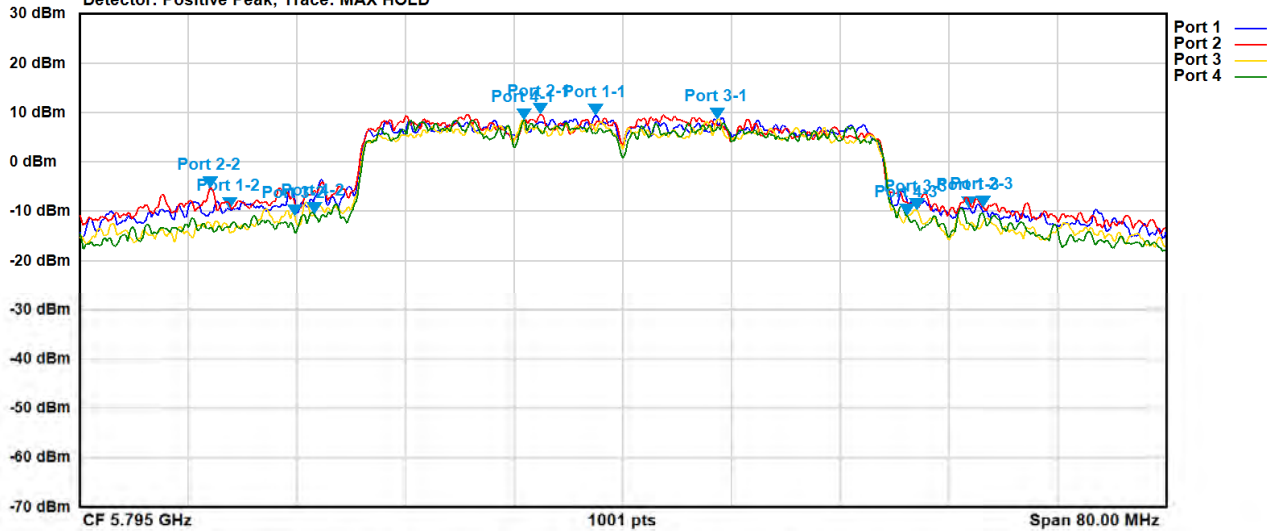


Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.823362 GHz	7.42 dBm	5.811533 GHz	-12.62 dBm	5.836548 GHz	-11.47 dBm	99% OBW: 25.014985015 MHz
Port 2	5.821204 GHz	7.76 dBm	5.811253 GHz	-12.79 dBm	5.836588 GHz	-12.87 dBm	99% OBW: 25.334665335 MHz
Port 3	5.826199 GHz	6.94 dBm	5.813691 GHz	-13.72 dBm	5.834510 GHz	-0.67 dBm	99% OBW: 20.819180819 MHz
Port 4	5.826998 GHz	7.08 dBm	5.814530 GHz	-13.12 dBm	5.834750 GHz	-6.98 dBm	99% OBW: 20.219780220 MHz

Spectrum plot of worst value

802.11ax (40 MHz) / Ant. 2 / 5795 MHz

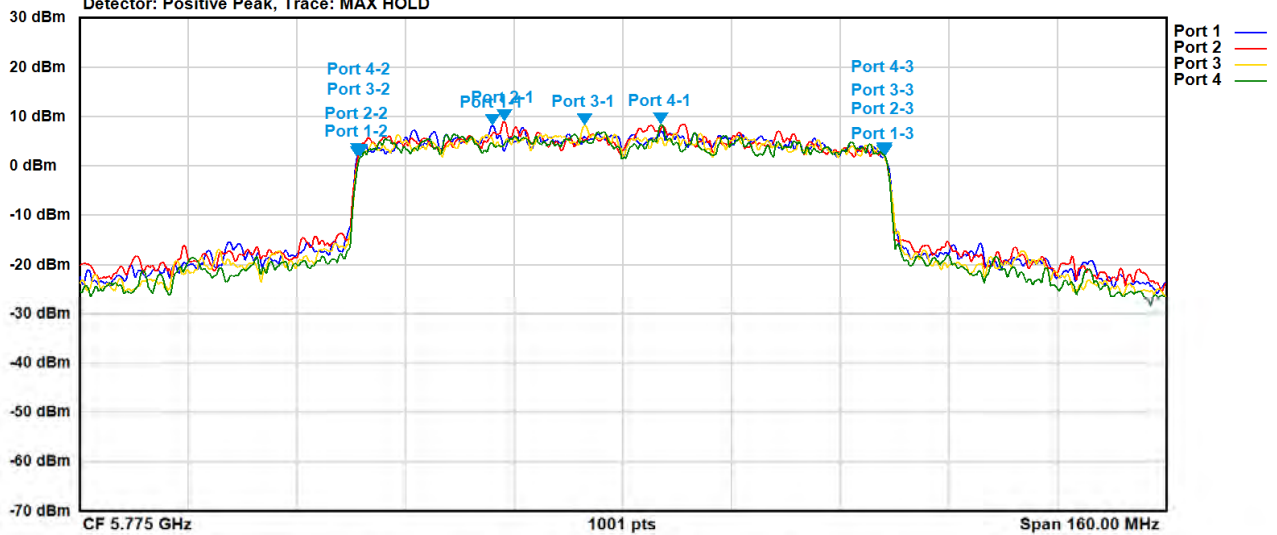
Ref Level 30.00 dBm Offset 0.00 dB RBW 500 kHz
 Att 30 dB SWT 18.9 us VBW 2 MHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.793002 GHz	9.33 dBm	5.766068 GHz	-9.59 dBm	5.820574 GHz	-9.52 dBm	99% OBW: 54.505494506 MHz
Port 2	5.788926 GHz	9.55 dBm	5.764630 GHz	-5.39 dBm	5.821613 GHz	-9.36 dBm	99% OBW: 56.983016983 MHz
Port 3	5.802033 GHz	8.66 dBm	5.770864 GHz	-11.01 dBm	5.816738 GHz	-10.16 dBm	99% OBW: 45.874125874 MHz
Port 4	5.787727 GHz	8.41 dBm	5.772302 GHz	-10.59 dBm	5.816018 GHz	-11.27 dBm	99% OBW: 43.716283716 MHz

802.11ax (80 MHz) / Ant. 1 / 5775 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 1 MHz
 Att 30 dB SWT 22.9 us VBW 3 MHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



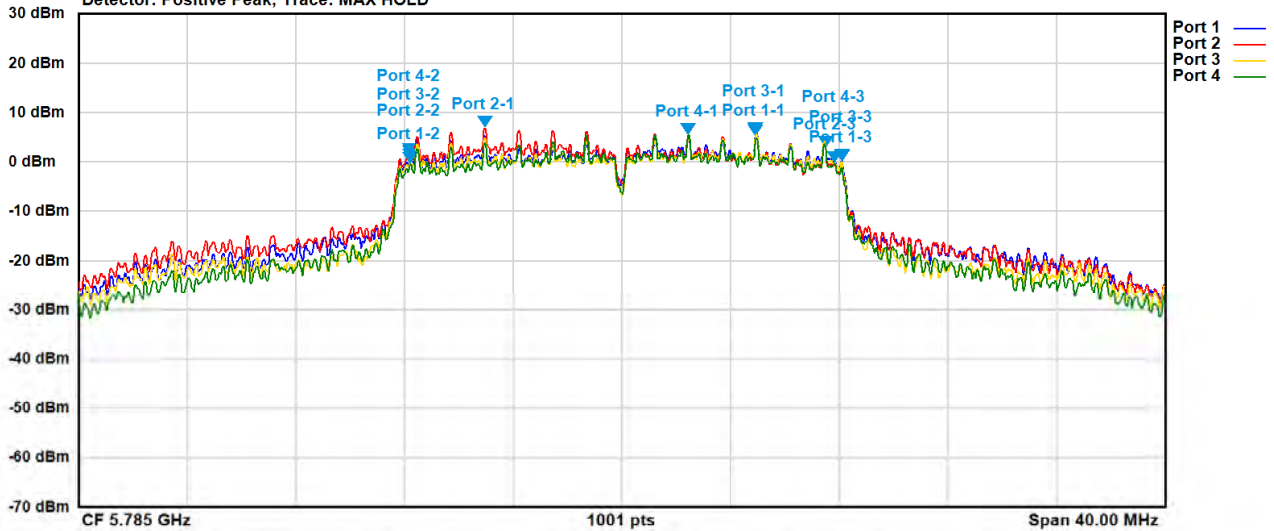
Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.755820 GHz	8.10 dBm	5.735999 GHz	2.17 dBm	5.813681 GHz	1.62 dBm	99% OBW: 77.682317682 MHz
Port 2	5.757580 GHz	8.96 dBm	5.735999 GHz	1.50 dBm	5.813681 GHz	1.61 dBm	99% OBW: 77.682317682 MHz
Port 3	5.769410 GHz	8.16 dBm	5.736318 GHz	1.95 dBm	5.813681 GHz	1.13 dBm	99% OBW: 77.362637363 MHz
Port 4	5.780750 GHz	8.39 dBm	5.736318 GHz	1.70 dBm	5.813681 GHz	1.82 dBm	99% OBW: 77.362637363 MHz

For DTS Bandwidth:

Spectrum plot of worst value

802.11a / Ant. 2 / 5785 MHz

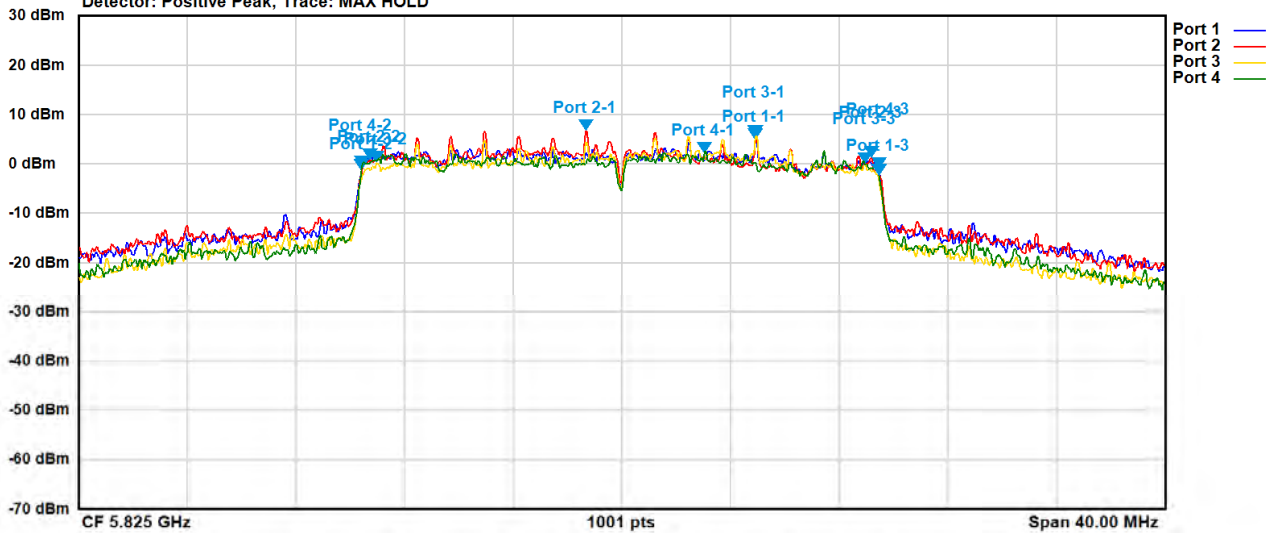
Ref Level 30.00 dBm Offset 0.00 dB RBW 100 kHz
 Att 30 dB SWT 56.9 us VBW 300 kHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.789955 GHz	6.03 dBm	5.777200 GHz	0.87 dBm	5.793120 GHz	14.17 dBm	DTS: 15.920 MHz
Port 2	5.779965 GHz	6.90 dBm	5.777200 GHz	1.27 dBm	5.792520 GHz	16.80 dBm	DTS: 15.320 MHz
Port 3	5.789955 GHz	5.70 dBm	5.777200 GHz	0.22 dBm	5.793120 GHz	14.00 dBm	DTS: 15.920 MHz
Port 4	5.787478 GHz	5.50 dBm	5.777200 GHz	-0.41 dBm	5.792840 GHz	13.76 dBm	DTS: 15.640 MHz

802.11ax (20 MHz) / Ant. 3 / 5825 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 100 kHz
 Att 30 dB SWT 56.9 us VBW 300 kHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD

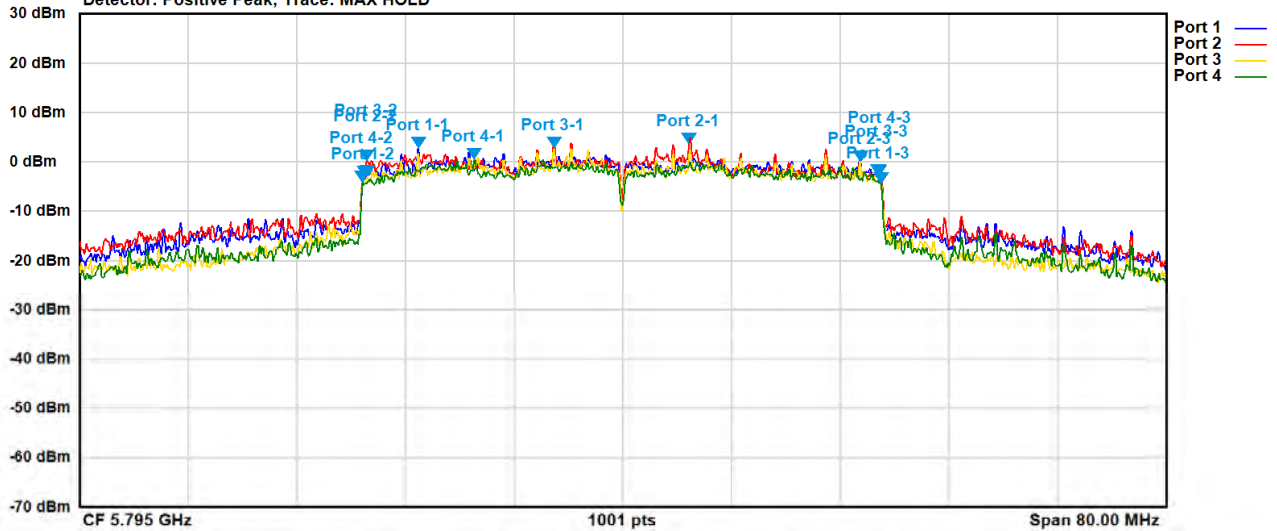


Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.829955 GHz	4.89 dBm	5.815440 GHz	-0.86 dBm	5.834480 GHz	12.89 dBm	DTS: 19.040 MHz
Port 2	5.823681 GHz	6.64 dBm	5.815720 GHz	0.68 dBm	5.834200 GHz	15.22 dBm	DTS: 18.480 MHz
Port 3	5.829955 GHz	5.78 dBm	5.815960 GHz	0.17 dBm	5.833960 GHz	13.94 dBm	DTS: 18.000 MHz
Port 4	5.828077 GHz	2.63 dBm	5.815400 GHz	-1.38 dBm	5.834480 GHz	11.56 dBm	DTS: 19.080 MHz

Spectrum plot of worst value

802.11ax (40 MHz) / Ant. 2 / 5795 MHz

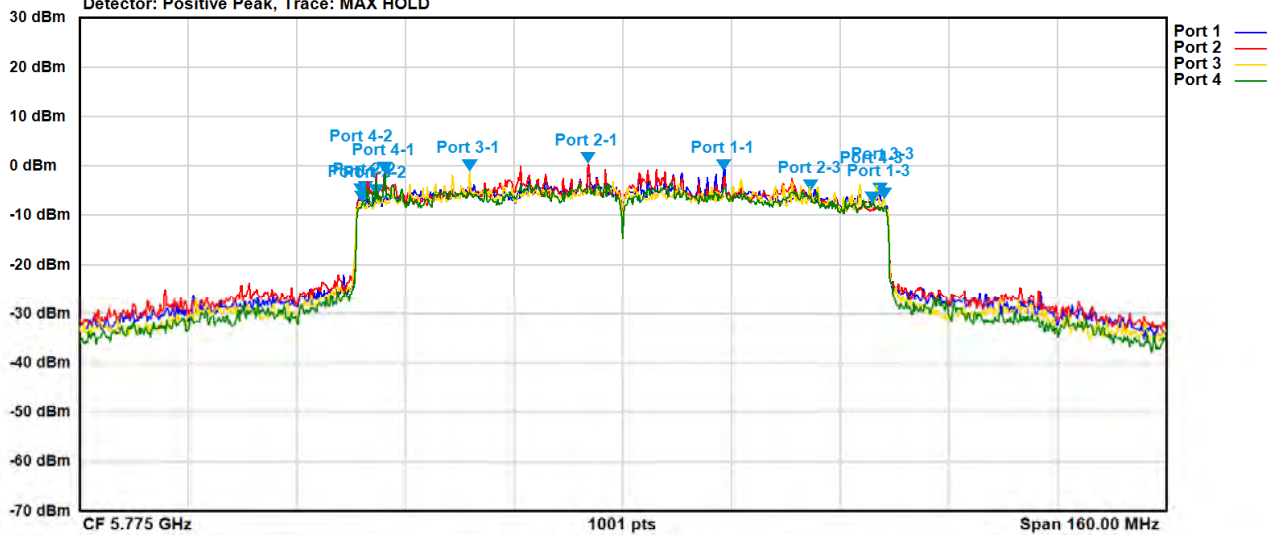
Ref Level 30.00 dBm Offset 0.00 dB RBW 100 kHz
 Att 30 dB SWT 94.8 us VBW 300 kHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.779975 GHz	2.68 dBm	5.775960 GHz	-3.22 dBm	5.813880 GHz	10.85 dBm	DTS: 37.920 MHz
Port 2	5.799955 GHz	4.99 dBm	5.776120 GHz	0.04 dBm	5.812520 GHz	13.88 dBm	DTS: 36.400 MHz
Port 3	5.789965 GHz	2.72 dBm	5.776200 GHz	-3.07 dBm	5.813800 GHz	11.06 dBm	DTS: 37.600 MHz
Port 4	5.784051 GHz	0.42 dBm	5.775800 GHz	-4.27 dBm	5.814040 GHz	9.39 dBm	DTS: 38.240 MHz

802.11ax (80 MHz) / Ant. 2 / 5775 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 100 kHz
 Att 30 dB SWT 189.6 us VBW 300 kHz Mode Auto FFT
 Detector: Positive Peak, Trace: MAX HOLD



Port	Max Freq.	Max Value	Left Freq.	Left Value	Right Freq.	Right Value	Measurement
Port 1	5.790020 GHz	-0.68 dBm	5.736440 GHz	-5.95 dBm	5.812920 GHz	8.20 dBm	DTS: 76.480 MHz
Port 2	5.769890 GHz	0.43 dBm	5.737080 GHz	-5.48 dBm	5.802680 GHz	8.83 dBm	DTS: 65.600 MHz
Port 3	5.752460 GHz	-1.16 dBm	5.738680 GHz	-6.14 dBm	5.813560 GHz	7.20 dBm	DTS: 74.880 MHz
Port 4	5.740000 GHz	-1.66 dBm	5.736600 GHz	-7.49 dBm	5.811800 GHz	6.37 dBm	DTS: 75.200 MHz

Appendix C. Test Result of Maximum Conducted Output Power

<Non-beamforming function>

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)						Antenna Gain (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total	Limit			
802.11a	5745	18.276	18.672	17.972	17.815	24.217	30.00	5.09	29.307	36.00
	5785	17.197	17.297	16.483	16.162	22.831	30.00	5.09	27.921	36.00
	5825	17.873	18.087	17.125	16.945	23.555	30.00	5.09	28.645	36.00
802.11ax (20 MHz)	5745	16.828	17.004	16.377	15.938	22.577	30.00	5.09	27.667	36.00
	5785	16.813	17.046	16.118	15.987	22.535	30.00	5.09	27.625	36.00
	5825	17.299	17.333	16.481	16.636	22.975	30.00	5.09	28.065	36.00
802.11ax (40 MHz)	5755	18.654	19.064	18.262	17.709	24.471	30.00	5.09	29.561	36.00
	5795	18.242	18.490	17.391	17.226	23.891	30.00	5.09	28.981	36.00
802.11ax (80 MHz)	5775	16.776	17.018	16.388	16.048	22.594	30.00	5.09	27.684	36.00

Note: EIRP = Total power + maximum antenna gain.

<Beamforming function>

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)						Directional Gain (dBi)	E.I.R.P Power (dBm)	E.I.R.P Limit (dBm)
		Ant. 1	Ant. 2	Ant. 3	Ant. 4	Total	Limit			
802.11ax (20 MHz)	5745	10.766	10.965	10.362	9.872	16.532	25.77	10.23	26.762	36.00
	5785	10.764	11.077	10.081	9.975	16.519	25.77	10.23	26.749	36.00
	5825	11.293	11.304	10.415	10.622	16.947	25.77	10.23	27.177	36.00
802.11ax (40 MHz)	5755	12.659	13.111	12.266	11.782	18.503	25.77	10.23	28.733	36.00
	5795	12.178	12.336	11.421	11.394	17.874	25.77	10.23	28.104	36.00
802.11ax (80 MHz)	5775	10.875	10.864	10.332	10.255	16.612	25.77	10.23	26.842	36.00

Note: EIRP = Total power + directional gain.

Appendix D. Test Result of Maximum Power Spectral Density

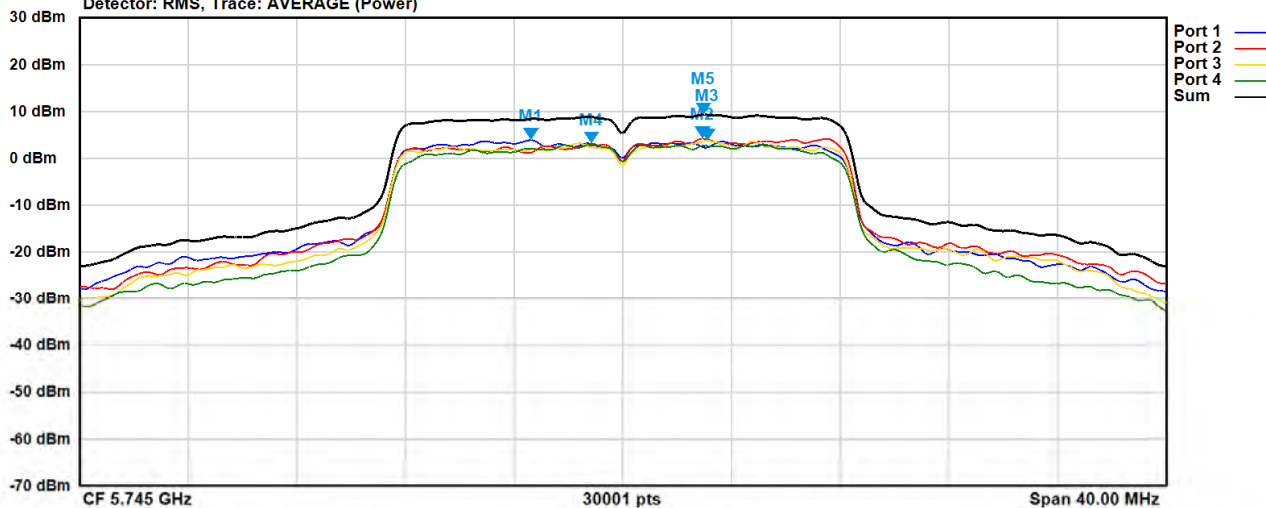
Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4

Modulation	Frequency (MHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Result
		Total		
802.11a	5745	9.520	25.77	Pass
	5785	8.290	25.77	Pass
	5825	8.790	25.77	Pass
802.11ax (20 MHz)	5745	7.560	25.77	Pass
	5785	7.240	25.77	Pass
	5825	7.870	25.77	Pass
802.11ax (40 MHz)	5755	6.420	25.77	Pass
	5795	5.740	25.77	Pass
802.11ax (80 MHz)	5775	1.880	25.77	Pass

Spectrum plot of worst value

802.11a / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5745 MHz

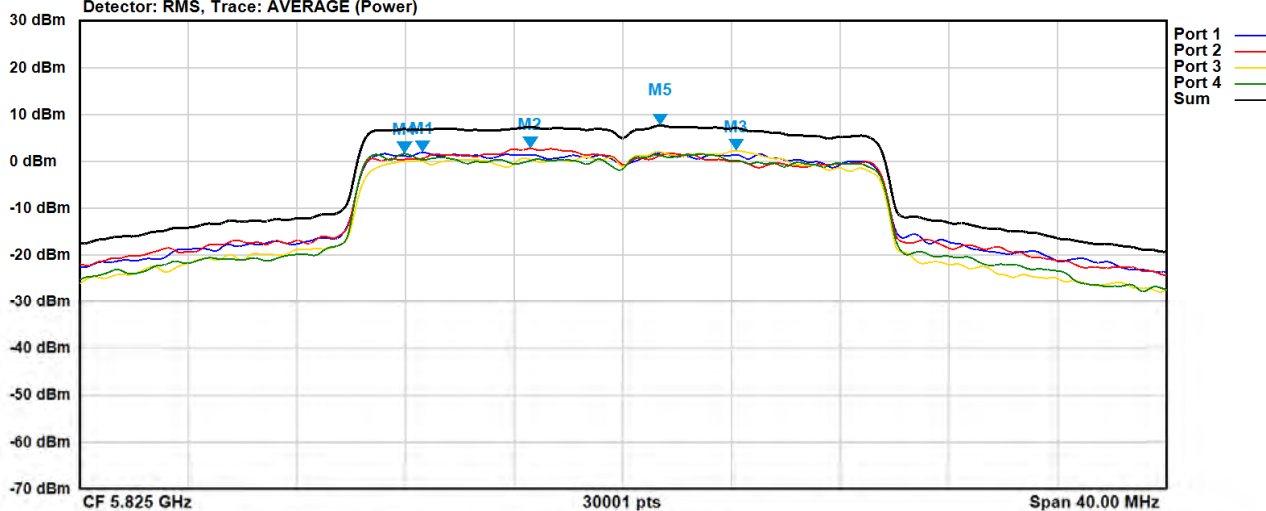
Ref Level 30.00 dBm Offset 0.00 dB RBW 500 kHz
 Att 30 dB SWT 11.4 us VBW 2 MHz Mode Auto FFT
 Detector: RMS, Trace: AVERAGE (Power)



Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.741602 GHz	3.88 dBm		
Port 2	M2		2	5.747922 GHz	4.20 dBm		
Port 3	M3		3	5.748101 GHz	3.75 dBm		
Port 4	M4		4	5.743833 GHz	3.15 dBm		
Sum	M5		Sum	5.747952 GHz	9.52 dBm	duty factor	0.21

802.11ax (20 MHz) / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5825 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 500 kHz
 Att 30 dB SWT 11.4 us VBW 2 MHz Mode Auto FFT
 Detector: RMS, Trace: AVERAGE (Power)

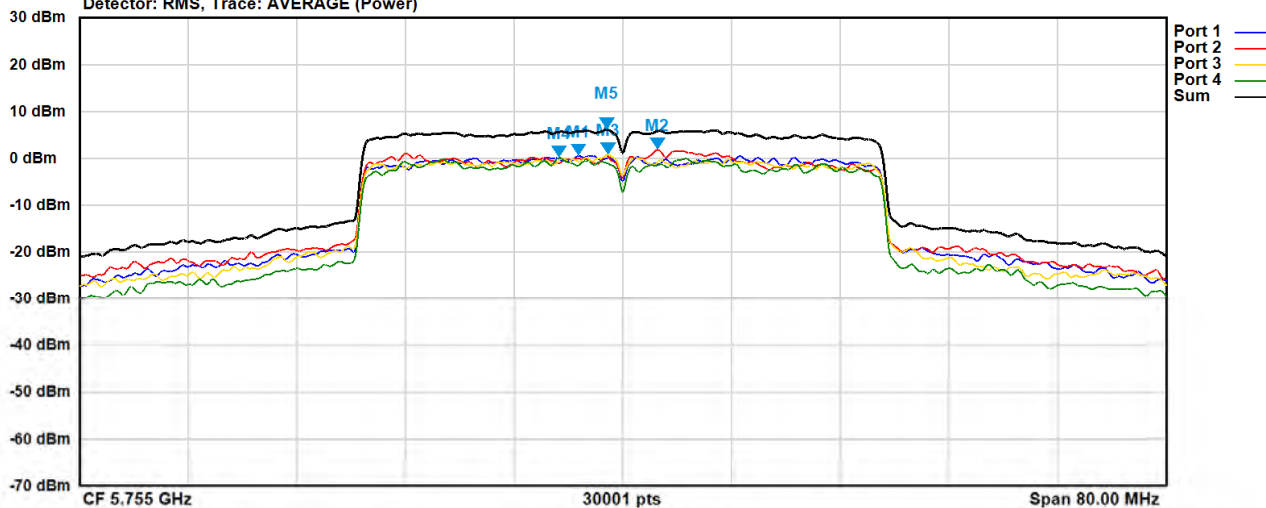


Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.817609 GHz	1.92 dBm		
Port 2	M2		2	5.821582 GHz	2.72 dBm		
Port 3	M3		3	5.829158 GHz	2.29 dBm		
Port 4	M4		4	5.816948 GHz	1.63 dBm		
Sum	M5		Sum	5.826358 GHz	7.87 dBm	duty factor	0.23

Spectrum plot of worst value

802.11ax (40 MHz) / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5755 MHz

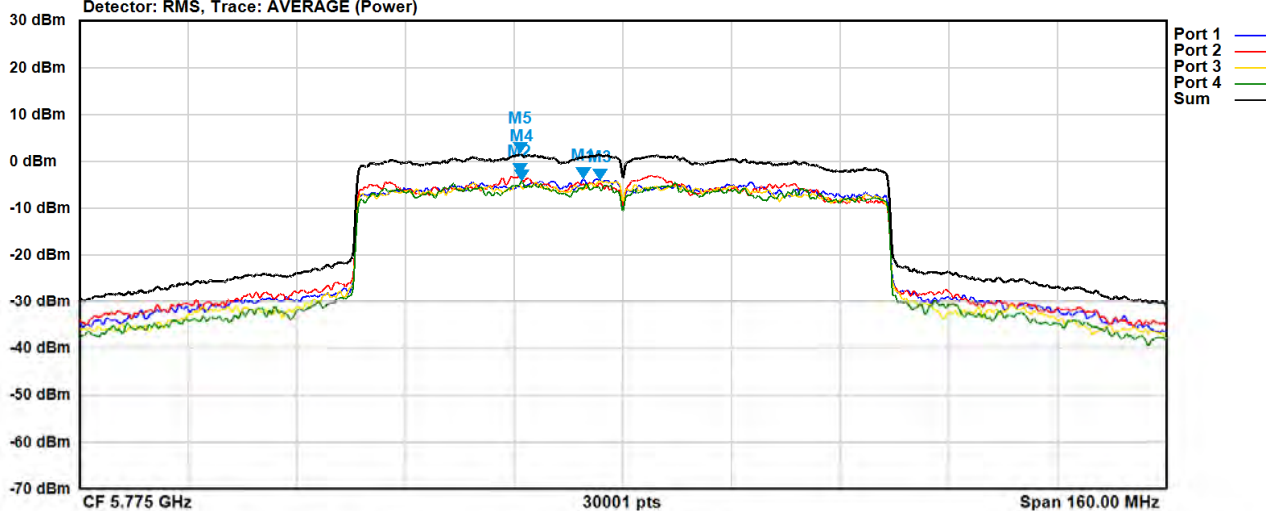
Ref Level 30.00 dBm Offset 0.00 dB RBW 500 kHz
 Att 30 dB SWT 19.0 us VBW 2 MHz Mode Auto FFT
 Detector: RMS, Trace: AVERAGE (Power)



Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.751709 GHz	0.55 dBm		
Port 2	M2		2	5.757533 GHz	1.81 dBm		
Port 3	M3		3	5.753980 GHz	0.77 dBm		
Port 4	M4		4	5.750277 GHz	0.14 dBm		
Sum	M5		Sum	5.753797 GHz	6.42 dBm	duty factor	0.28

802.11ax (80 MHz) / Ant. 1 + Ant. 2 + Ant. 3 + Ant. 4 / 5775 MHz

Ref Level 30.00 dBm Offset 0.00 dB RBW 500 kHz
 Att 30 dB SWT 38.0 us VBW 2 MHz Mode Auto FFT
 Detector: RMS, Trace: AVERAGE (Power)

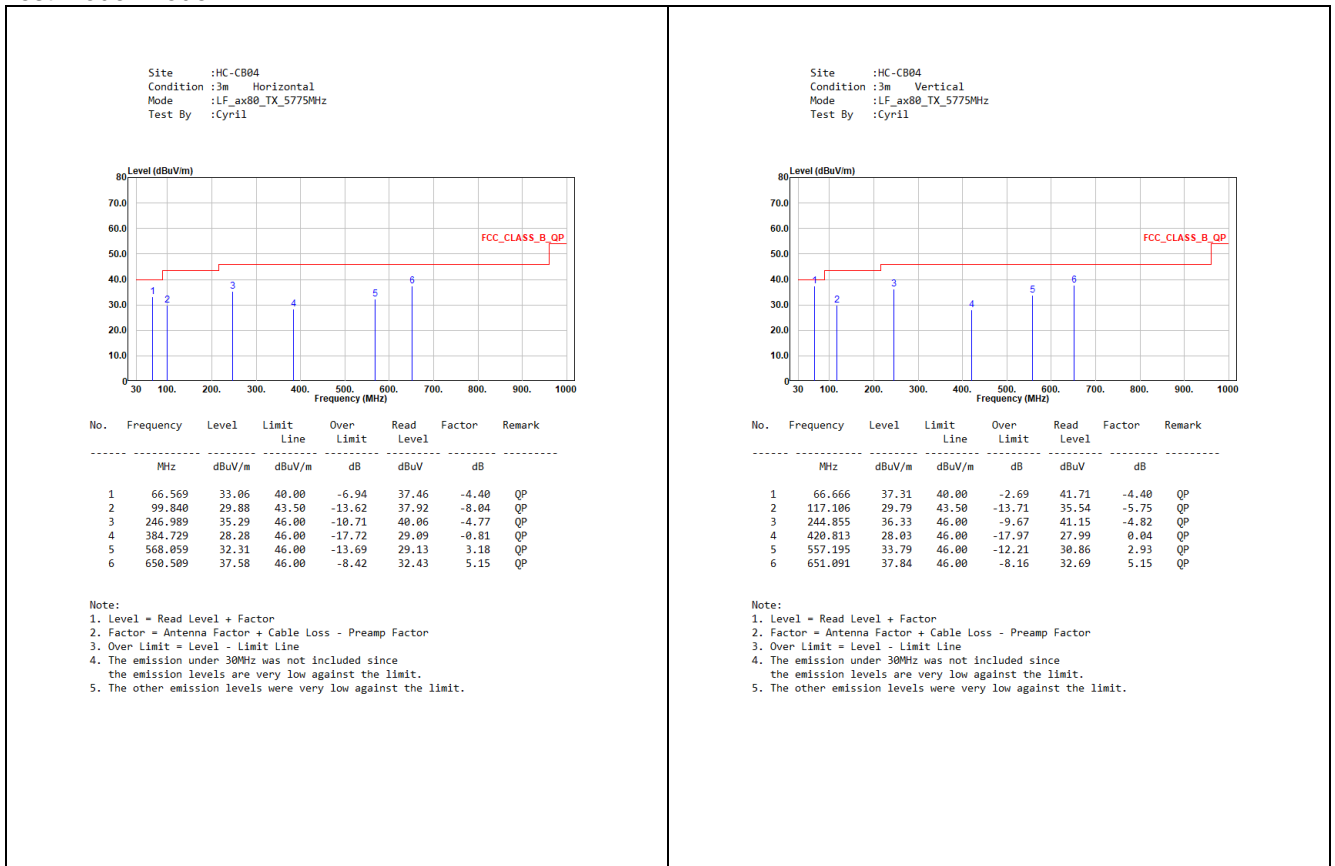


Port	Type	Ref	Trc	X-value	Y-value	Function	Function Result
Port 1	M1		1	5.769133 GHz	-3.84 dBm		
Port 2	M2		2	5.759805 GHz	-2.89 dBm		
Port 3	M3		3	5.771586 GHz	-4.15 dBm		
Port 4	M4		4	5.760067 GHz	-4.31 dBm		
Sum	M5		Sum	5.759853 GHz	1.88 dBm	duty factor	0.30

Appendix E. Test Result of Transmitter Radiated Spurious Emission

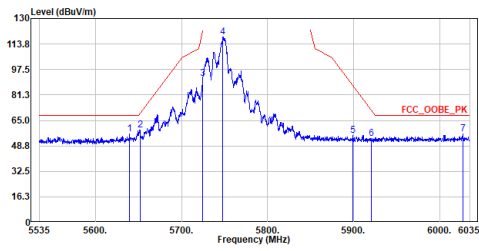
30 MHz ~ 1 GHz

Test Mode: Mode 2



Above 1 GHz

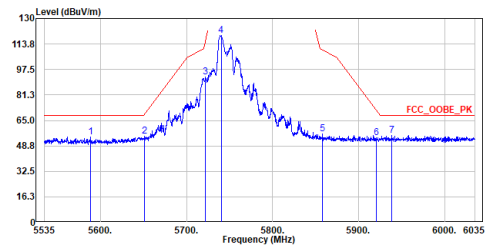
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5640.000	56.20	68.20	-12.00	34.11	22.09	Peak
2	5652.250	59.09	69.87	-10.78	36.97	22.12	Peak
3	5724.750	91.88	121.63	-29.75	69.52	22.36	Peak
4	5748.250	118.22	-----	-----	95.78	22.44	Peak
5	5899.000	55.46	87.44	-31.98	32.52	22.94	Peak
6	5921.000	53.58	71.17	-17.59	30.57	23.01	Peak
7	6026.750	56.23	68.20	-11.97	32.85	23.38	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.

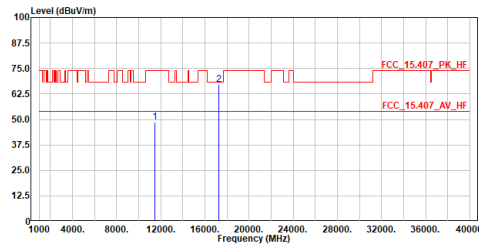
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5588.500	54.54	68.20	-13.66	32.62	21.92	Peak
2	5651.500	54.77	69.32	-14.55	32.65	22.12	Peak
3	5721.750	92.93	114.79	-21.86	70.57	22.36	Peak
4	5748.250	119.08	-----	-----	96.66	22.42	Peak
5	5858.000	56.33	109.96	-53.63	33.54	22.79	Peak
6	5928.750	53.93	71.35	-17.42	30.92	23.01	Peak
7	5938.500	55.57	68.20	-12.63	32.51	23.06	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.

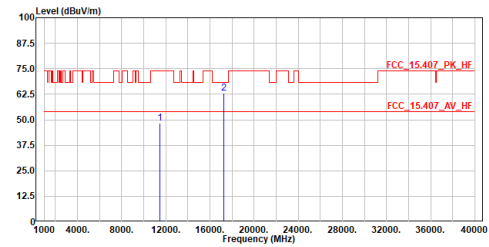
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11490.000	48.72	74.00	-25.28	54.81	-6.09	Peak
2	17235.000	67.23	68.20	-0.97	70.60	-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.

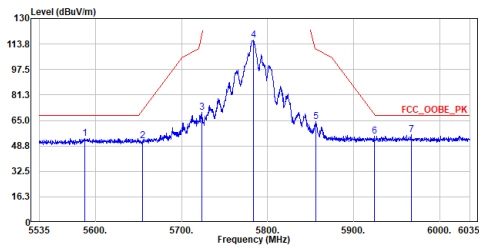
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11490.000	48.39	74.00	-25.61	54.48	-6.09	Peak
2	17235.000	63.14	68.20	-5.06	66.51	-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.

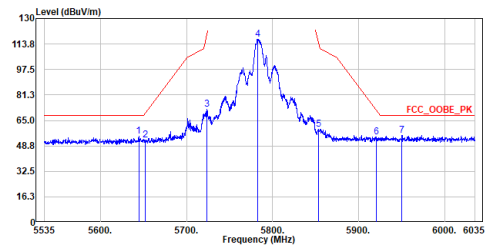
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5588.000	53.48	68.20	-14.72	31.56	21.92	Peak
2	5655.000	52.10	71.91	-19.81	29.95	22.15	Peak
3	5723.750	70.30	119.35	-49.05	47.94	22.36	Peak
4	5782.500	116.10	-----	-----	93.54	22.56	Peak
5	5855.750	64.14	110.59	-46.45	41.35	22.79	Peak
6	5924.000	54.94	68.95	-14.01	31.93	23.01	Peak
7	5967.000	55.73	68.20	-12.47	32.58	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.

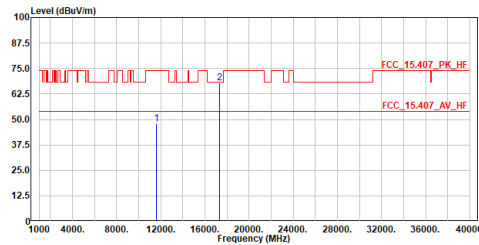
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5644.500	54.72	68.20	-13.48	32.61	22.11	Peak
2	5652.250	52.67	69.87	-17.20	30.55	22.12	Peak
3	5724.000	72.01	119.92	-47.91	49.65	22.36	Peak
4	5782.500	116.89	-----	-----	94.33	22.56	Peak
5	5853.750	59.52	113.65	-54.13	36.73	22.79	Peak
6	5920.250	54.24	71.72	-17.48	31.24	23.00	Peak
7	5950.250	55.62	68.20	-12.58	32.52	23.10	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.

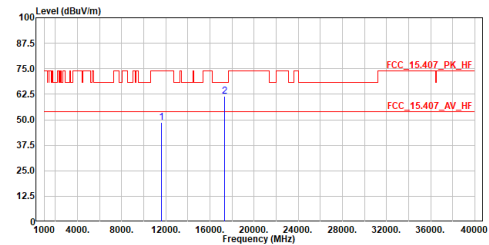
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11570.000	47.79	74.00	-26.21	53.83	-6.04	Peak
2	17355.000	67.93	68.20	-0.27	71.16	-3.23	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.

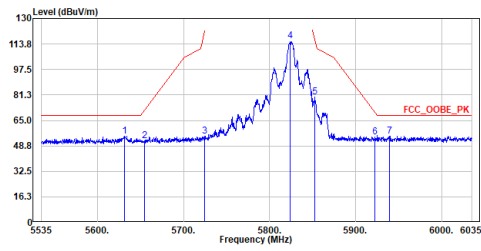
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11570.000	48.63	74.00	-25.37	54.67	-6.04	Peak
2	17355.000	61.52	68.20	-6.68	64.75	-3.23	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.

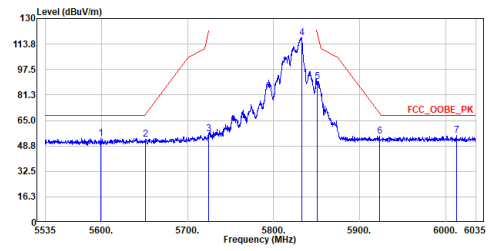
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5631.750	55.13	68.20	-13.07	33.06	22.07	Peak
2	5655.000	52.03	71.91	-19.88	29.88	22.15	Peak
3	5724.250	55.16	120.49	-65.33	32.80	22.36	Peak
4	5824.000	115.53	-----	-----	92.84	22.69	Peak
5	5852.750	79.75	115.93	-36.18	56.97	22.78	Peak
6	5922.750	54.24	69.87	-15.63	31.23	23.01	Peak
7	5939.250	55.18	68.20	-13.02	32.12	23.06	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.

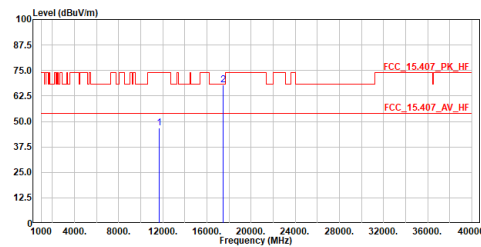
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5599.500	53.59	68.20	-14.61	31.63	21.96	Peak
2	5651.250	52.91	69.13	-16.22	30.79	22.12	Peak
3	5725.000	56.64	122.20	-65.56	34.28	22.36	Peak
4	5832.500	117.70	-----	-----	94.98	22.72	Peak
5	5850.750	89.95	120.49	-30.54	67.17	22.78	Peak
6	5923.250	54.79	69.50	-14.71	31.78	23.01	Peak
7	6012.750	55.38	68.20	-12.82	32.06	23.32	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.

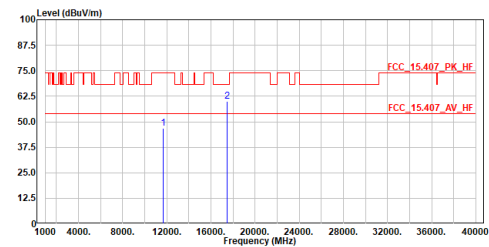
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :a_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11650.000	46.92	74.00	-27.08	52.91	-5.99	Peak
2	17475.000	67.93	68.20	-0.27	71.01	-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.

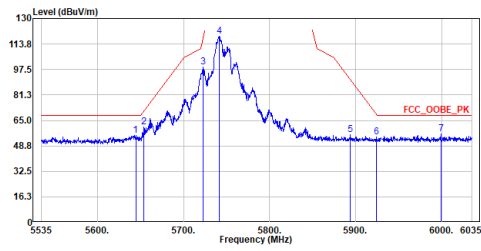
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :a_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11650.000	46.87	74.00	-27.13	52.86	-5.99	Peak
2	17475.000	60.12	68.20	-8.08	63.20	-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.

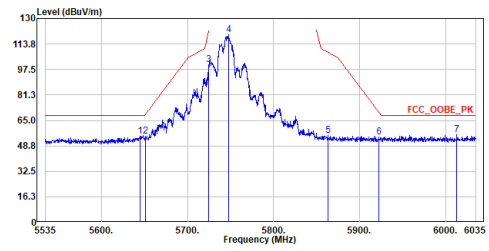
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5644.500	55.51	68.20	-12.69	33.40	22.11	Peak
2	5654.250	60.99	71.35	-10.36	38.84	22.15	Peak
3	5723.000	99.14	117.64	-18.50	76.78	22.36	Peak
4	5741.750	118.69	-----	-----	96.26	22.43	Peak
5	5893.750	55.90	91.33	-35.43	32.99	22.91	Peak
6	5924.000	54.55	68.95	-14.40	31.54	23.01	Peak
7	5999.000	56.26	68.20	-11.94	33.00	23.26	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.

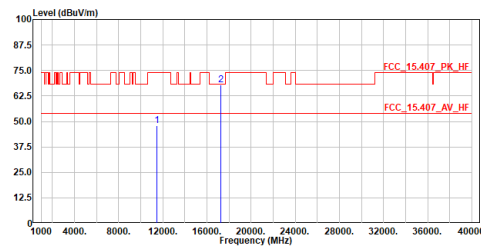
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5644.750	55.18	68.20	-13.02	33.07	22.11	Peak
2	5651.500	54.80	69.32	-14.52	32.68	22.12	Peak
3	5725.000	100.70	122.20	-21.50	78.34	22.36	Peak
4	5747.750	119.77	-----	-----	97.33	22.44	Peak
5	5863.250	55.59	108.49	-52.90	32.77	22.82	Peak
6	5922.750	54.53	69.87	-15.34	31.52	23.01	Peak
7	6012.750	56.06	68.20	-12.14	32.74	23.32	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.

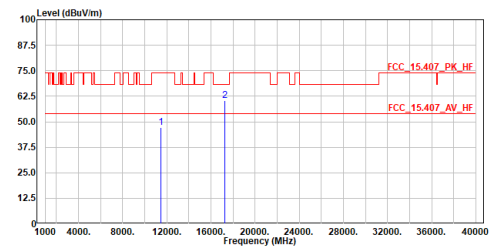
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11490.000	48.00	74.00	-26.00	54.09	-6.09	Peak
2	17235.000	67.87	68.20	-0.33	71.24	-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.

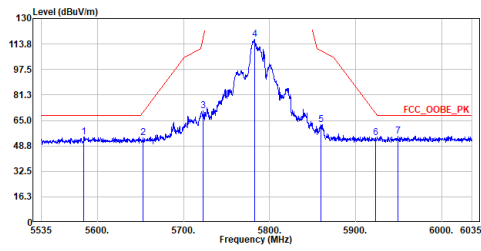
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5745MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11490.000	47.11	74.00	-26.89	53.20	-6.09	Peak
2	17235.000	60.29	68.20	-7.91	63.66	-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.

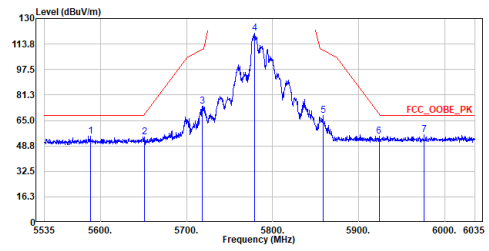
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5584.500	54.50	68.20	-13.70	32.59	21.91	Peak
2	5653.250	53.74	70.61	-16.87	31.59	22.15	Peak
3	5722.750	70.92	117.07	-46.15	48.56	22.36	Peak
4	5782.500	116.72	-----	-----	94.16	22.56	Peak
5	5860.000	62.35	109.40	-47.05	39.54	22.81	Peak
6	5923.500	54.16	69.32	-15.16	31.15	23.01	Peak
7	5949.250	55.06	68.20	-13.14	31.96	23.10	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.

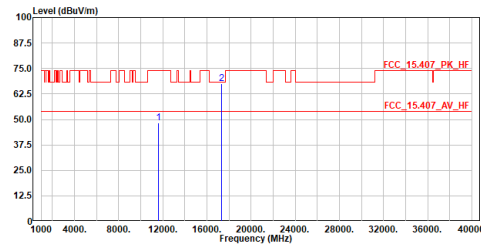
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5588.500	54.75	68.20	-13.45	32.83	21.92	Peak
2	5651.000	54.43	68.95	-14.52	32.31	22.12	Peak
3	5718.500	74.20	110.38	-36.18	51.85	22.35	Peak
4	5779.000	120.66	-----	-----	98.12	22.54	Peak
5	5859.000	68.41	109.68	-41.27	45.61	22.80	Peak
6	5923.750	54.98	69.13	-14.15	31.97	23.01	Peak
7	5976.000	55.94	68.20	-12.26	32.75	23.19	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.

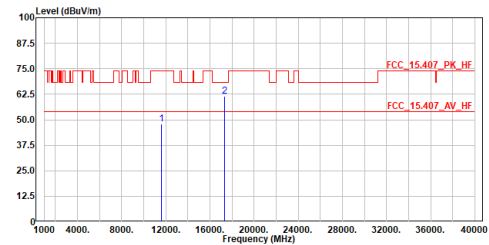
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11570.000	48.27	74.00	-25.73	54.31	-6.04	Peak
2	17355.000	67.52	68.20	-0.68	70.75	-3.23	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.

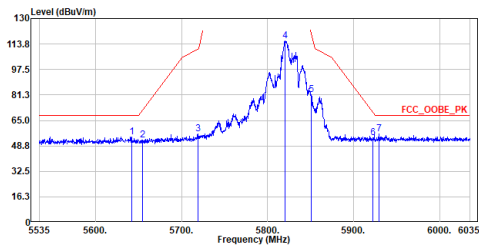
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5785MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11570.000	48.09	74.00	-25.91	54.13	-6.04	Peak
2	17355.000	61.47	68.20	-6.73	64.70	-3.23	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.

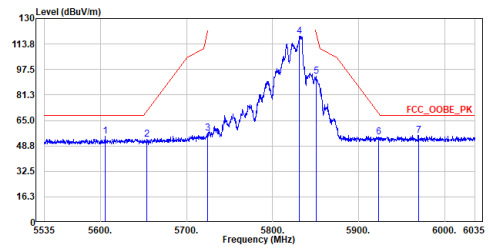
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5642.000	54.50	68.20	-13.70	32.39	22.11	Peak
2	5654.750	52.63	71.72	-19.09	30.48	22.15	Peak
3	5719.000	56.27	110.52	-54.25	33.92	22.35	Peak
4	5820.750	115.91	-----	-----	93.23	22.68	Peak
5	5850.750	81.52	120.49	-38.97	58.74	22.78	Peak
6	5922.750	54.16	69.87	-15.71	31.15	23.01	Peak
7	5929.250	56.25	68.20	-11.95	33.22	23.03	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.

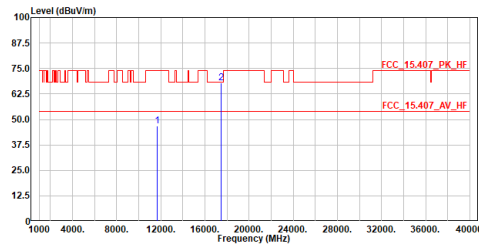
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5605.750	54.86	68.20	-13.34	32.87	21.99	Peak
2	5654.000	52.80	71.17	-18.37	30.65	22.15	Peak
3	5725.000	56.75	122.20	-65.45	34.39	22.36	Peak
4	5831.500	118.70	-----	-----	95.98	22.72	Peak
5	5850.750	93.08	120.49	-27.41	70.30	22.78	Peak
6	5923.000	54.34	69.69	-15.35	31.33	23.01	Peak
7	5969.500	55.49	68.20	-12.71	32.33	23.16	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.

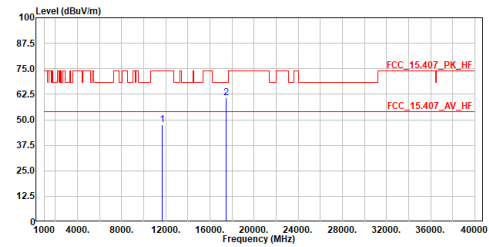
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax20_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11650.000	46.84	74.00	-27.16	52.83	-5.99	Peak
2	17475.000	67.98	68.20	-0.22	71.06	-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.

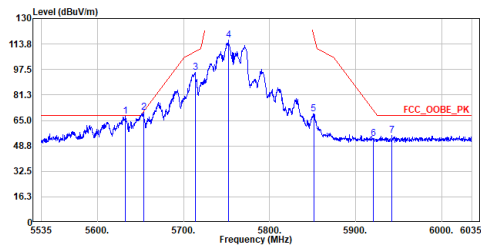
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax20_TX_5825MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11650.000	47.71	74.00	-26.29	53.70	-5.99	Peak
2	17475.000	60.61	68.20	-7.59	63.69	-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.

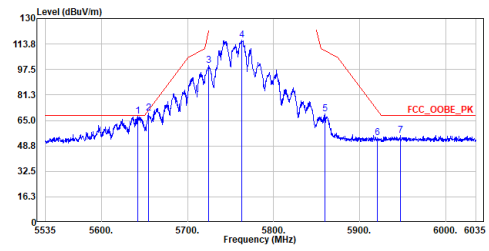
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax40_TX_5755MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5632.500	67.89	68.20	-0.31	45.82	22.07	Peak
2	5653.500	70.13	70.80	-0.67	47.98	22.15	Peak
3	5713.500	95.46	108.98	-13.52	73.13	22.33	Peak
4	5752.500	116.37	-----	-----	93.91	22.46	Peak
5	5851.250	69.27	119.35	-50.08	46.49	22.78	Peak
6	5928.750	53.54	71.35	-17.81	30.53	23.01	Peak
7	5942.250	55.57	68.20	-12.63	32.50	23.07	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.

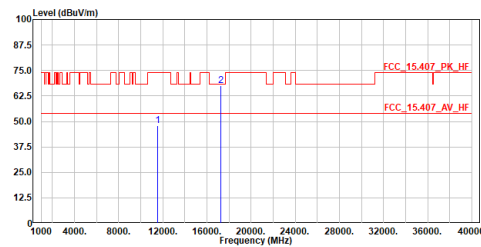
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax40_TX_5755MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5642.000	67.85	68.20	-0.35	45.74	22.11	Peak
2	5654.750	69.57	71.72	-2.15	47.42	22.15	Peak
3	5724.500	100.24	121.06	-20.82	77.88	22.36	Peak
4	5763.000	116.13	-----	-----	93.64	22.49	Peak
5	5859.500	68.98	109.54	-40.56	46.18	22.80	Peak
6	5928.750	53.93	71.35	-17.42	30.92	23.01	Peak
7	5947.500	55.55	68.20	-12.65	32.45	23.10	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.

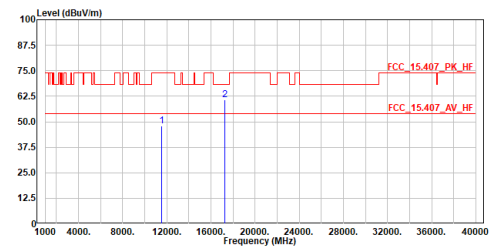
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax40_TX_5755MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11510.000	47.80	74.00	-26.20	53.86	-6.06	Peak
2	17265.000	67.52	68.20	-0.68	70.85	-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.

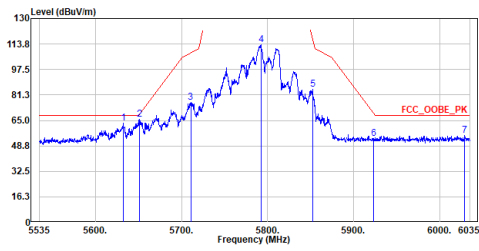
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax40_TX_5755MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11510.000	47.97	74.00	-26.03	54.03	-6.06	Peak
2	17265.000	60.80	68.20	-7.40	64.13	-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.

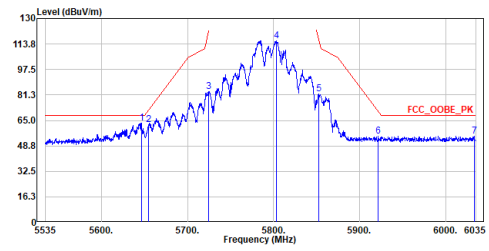
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax40_TX_5795MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5632.250	63.27	68.20	-4.93	41.20	22.07	Peak
2	5651.500	65.81	69.32	-3.51	43.69	22.12	Peak
3	5710.750	76.61	108.21	-31.60	54.29	22.32	Peak
4	5792.250	113.22	-----	-----	90.63	22.59	Peak
5	5852.250	84.71	117.07	-32.36	61.93	22.78	Peak
6	5923.500	53.46	69.32	-15.86	30.45	23.01	Peak
7	6029.000	55.42	68.20	-12.78	32.02	23.40	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.

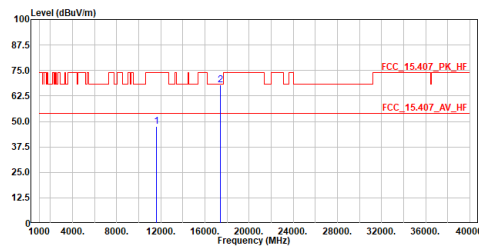
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax40_TX_5795MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5646.500	63.32	68.20	-4.88	41.21	22.11	Peak
2	5654.750	62.46	71.72	-9.26	40.31	22.15	Peak
3	5725.000	83.46	122.20	-38.74	61.10	22.36	Peak
4	5803.250	115.96	-----	-----	93.33	22.63	Peak
5	5852.500	81.97	116.50	-34.53	59.19	22.78	Peak
6	5921.750	55.15	70.61	-15.46	32.14	23.01	Peak
7	6033.250	55.13	68.20	-13.07	31.72	23.41	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.

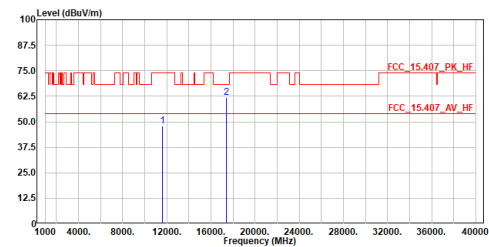
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax40_TX_5795MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11590.000	47.72	74.00	-26.28	53.75	-6.03	Peak
2	17385.000	68.00	68.20	-0.20	71.19	-3.19	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.

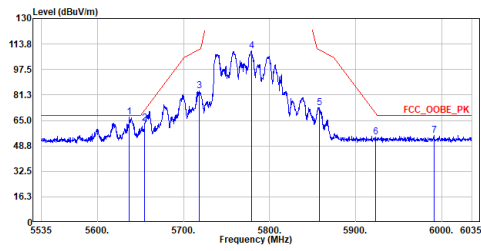
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax40_TX_5795MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11590.000	47.78	74.00	-26.22	53.81	-6.03	Peak
2	17385.000	62.06	68.20	-6.14	65.25	-3.19	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.

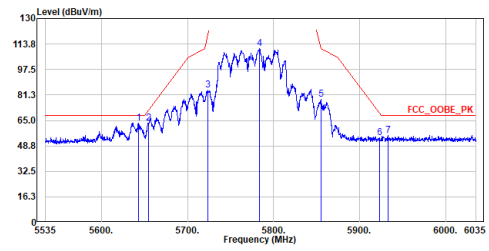
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax80_TX_5775MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5637.000	67.18	68.20	-1.02	45.10	22.08	Peak
2	5655.000	63.46	71.91	-8.45	41.31	22.15	Peak
3	5718.000	83.95	110.24	-26.29	61.60	22.35	Peak
4	5779.000	109.32	-----	-----	86.78	22.54	Peak
5	5858.250	73.16	109.89	-36.73	50.37	22.79	Peak
6	5923.500	54.26	69.32	-15.06	31.25	23.01	Peak
7	5991.250	55.37	68.20	-12.83	32.15	23.22	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.

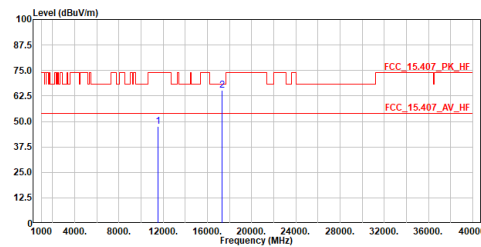
Site :HC-CB04
 Condition :3m ,Vertical
 Mode :ax80_TX_5775MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	5642.750	63.33	68.20	-4.87	41.22	22.11	Peak
2	5654.500	63.34	71.54	-8.20	41.19	22.15	Peak
3	5724.000	84.18	119.92	-35.74	61.82	22.36	Peak
4	5783.500	110.92	-----	-----	88.36	22.56	Peak
5	5855.500	78.29	110.66	-32.37	55.50	22.79	Peak
6	5923.250	54.19	69.50	-15.31	31.18	23.01	Peak
7	5932.750	55.43	68.20	-12.77	32.39	23.04	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.

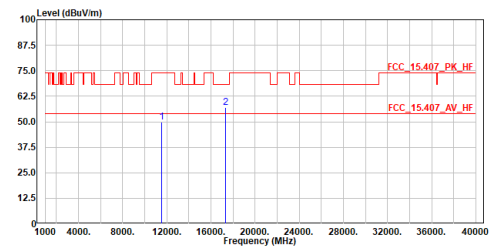
Site :HC-CB04
 Condition :3m ,Horizontal
 Mode :ax80_TX_5775MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11550.000	47.46	74.00	-26.54	53.50	-6.04	Peak
2	17325.000	65.38	68.20	-2.82	68.64	-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 :ax80_TX_5775MHz
 Test By :Cyril



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	11550.000	49.90	74.00	-24.10	55.94	-6.04	Peak
2	17325.000	56.96	68.20	-11.24	60.22	-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.