



No.:
FCCSZ2025-0077-RF3

TEST REPORT

FCC ID : 2A3HVP1601

NAME OF SAMPLE : Hydrow Touchscreen Monitor

APPLICANT : Hydrow, Inc

CLASSIFICATION OF TEST : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.



Applicant	Hydrow, Inc
Address	10 Summer St, Floor 5, Boston, MA, USA

Manufacturer	Hydrow, Inc
Address	10 Summer St, Floor 5, Boston, MA, USA
Product Name	Hydrow Touchscreen Monitor
Brand Name	N/A
Model Name	P1601
Additional Model	N/A
Date of Receipt.	Jul.30, 2025
Date of testing	Jul.30, 2025 ~ Aug.30, 2025
Sample No.	N/A
Standard(s)	FCC Part 15, Subpart E (15.407)
CONCLUSION:	The equipment under test was found to comply with the requirements of the standard(s) applied.
	Seal of CVC
	Issue Date: Aug.30, 2025
Compiled by: Liang Jiatong	Reviewed by: Mo Xianbiao
Signature:	Signature:
	Approved by: Dong Sanbi
	Signature:

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2025-0077-RF3	Original release	Aug.30, 2025



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPARTE (SECTION 15.407)			
STANDARD SECTION	TEST TYPE	RESULT	REMARK
FCC 15.207	AC Power Conducted Emission	PASS	See section 3.1
FCC 15.403(a)(e)	6dB&26dB Emission Bandwidth	PASS	Appendix A1&A3 of FCCSZ2025-0077-RF3-A1
---	Occupied Bandwidth Measurement	N/A	Appendix A2 of FCCSZ2025-0077-RF3-A1 (For reference)
FCC 15.407(b)	Radiated Emission and Bandedge	PASS	See section 3.2
FCC 15.407(a)	Transmit Power	PASS	Appendix C of FCCSZ2025-0077-RF3-A1
FCC 15.407(a)	Power Spectral Density	PASS	Appendix D of FCCSZ2025-0077-RF3-A1
FCC 15.407(g)	Frequency Stability	PASS	Appendix E of FCCSZ2025-0077-RF3-A1
FCC 15.203 FCC 15.407(a)	Antenna Requirement	PASS	See section 3.9



1.1 LIST OF TEST AND MEASUREMENT INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal.Day	Cal. Due
Antenna Port Conducted Test (BT/WiFi)						
Spectrum Analyzer	R&S	FSV 30	CS030002	1 year	2025/04/23	2026/04/22
Analog signal Generator	R&S	SMB 100A	CS0300015	1 year	2025/04/23	2026/04/22
Vector signal Generator	R&S	SGT 100A	CS0300017	1 year	2025/04/23	2026/04/22
RF control unit(BT/WIFI)	Tonscend	JS0806-2-8CH	CS0300023	1 year	2025/04/23	2026/04/22
RF control unit(DTV)	Tonscend	JS0806-1	CS0300024	1 year	2025/04/23	2026/04/22
DC power supply	R&S	HMC8041-G	CS0300026	1 year	2025/04/23	2026/04/22
#3Shielding room	MORI	443	CS0300009	3 year	2023/05/17	2026/05/16
Digital multimeter	FLUKE	18B+	CS0200056	1 year	2025/05/22	2026/05/21
Power Sensor	R&S	NRP18S-10	10845	1 year	2024/09/20	2025/09/19
Power splitter	Anritsu	K240CPOWERDIVIDE R	012334	1 year	2025/06/06	2026/06/05
Temperature and humidity meter	UNI-T	A10T	C193561457	1 year	2025/04/29	2026/04/28
Radiation Spurious(Above 1GHz)						
Spectrum Analyzer	R&S	FSV 40	CS030001	1 year	2025/04/23	2026/04/22
Spectrum Analyzer	R&S	FSVA 3044	CS030004	1 year	2025/05/22	2026/05/21
EMI Test Receiver	R&S	ESR3	CS0300005	1 year	2025/05/22	2026/05/21
Horn antenna(1GHz-18GHz)	ETS-Lindgren	3117	CS0300007	1 year	2025/03/29	2026/03/28
Horn antenna(18GHz-40GHz)	STEATITE	QMS-00880	CS0300008	1 year	2025/03/22	2026/03/21
Automatic control unit(RSE)	R&S	OSP220	CS0300019	1 year	2025/06/06	2026/06/05
Filter group(RSE-BT/WiFi)	R&S	WiFi/BT Variant 1	CS0300020	1 year	2025/04/23	2026/04/22
Filter group(RSE-Cellular)	R&S	Cellular Variant 1	CS0300021	1 year	2025/04/23	2026/04/22
Preamplifier(1GHz-18GHz)	R&S	SCU18F	CS0300031-1	1 year	2025/04/23	2026/04/22
Preamplifier(1GHz-18GHz)	R&S	SCU-18F	CS0300031	1 year	2025/04/23	2026/04/22
Comprehensive Test Instrument	R&S	CMW 500	CS0300033	1 year	2025/05/23	2026/05/22
Antenna(30MHz~1001MHz)	SCHWARZBECK	VULB9168	CS0200006	1 year	2025/01/23	2026/01/22
Preamplifier(1GHz-18GHz)	R&S	SCU-01F	CS0200042	1 year	2025/04/23	2026/04/22
Preamplifier(18GHz-40GHz)	R&S	SCU40A	CS0200045	1 year	2025/04/23	2026/04/22
Attenuator	boyang	BY--N-2W-5dB	/	1 year	2025/01/23	2026/01/22
Antenna tower	Max-Full	MFA-515DBSN	1308650	N/A	N/A	N/A
Temperature and humidity meter	yuhuaze	/	WK0001	1 year	2025/04/29	2026/04/28
#2 control room	MORI	433	CS0300028	3 year	2023/05/17	2026/05/16
3m anechoic chamber	MORI	966	CS0300011	3 year	2023/05/17	2026/05/16
RE Test - 3M Chamber(Below 1GHz)						
EMI Test Receiver	Rohde&Schwarz	ESR 26	101718	1 year	2025/5/22	2026/5/21
Loop antenna(8.3k~30MHz)	Rohde&Schwarz	HFH2-Z2E	100951	1 year	2025/4/23	2026/4/22
Antenna(30MHz~1000MHz)	SCHWARZBECK	VULB 9168	1132	1 year	2025/2/28	2026/2/27
3m anechoic chamber	MORI	966	N/A	1 year	2025/5/19	2026/5/18
Preamplifier(10kHz-1GHz)	Rohde&Schwarz	SCU-01F	100298	1 year	2025/4/23	2026/4/22
Attenuator	/	SJ-5dB	607684	1 year	2025/2/28	2026/2/27
#1 control room	MORI	433	/	1 year	2025/5/17	2026/5/16
Temperature and humidity meter	/	C193561473	C193561473	1 year	2025/4/29	2026/4/28
CE Test - 3M Chamber						



Equipment	Manufacturer	Model No.	Serial Number	Cal. interval	Cal.Day	Cal. Due
EMI Test Receiver	Rohde&Schwarz	ESR3	102693	1 year	2025/5/22	2026/5/21
limiter(10 dB)	Rohde&Schwarz	VTSD 9561	1216	1 year	2025/4/23	2026/4/22
Voltage probe	Rohde&Schwarz	CVP9222C	28	1 year	2025/4/29	2026/4/28
Current probe	Rohde&Schwarz	EZ-17	101442	1 year	2025/4/23	2026/4/22
ISN network	Rohde&Schwarz	ENV 81	100401	1 year	2025/4/23	2026/4/22
ISN network	Rohde&Schwarz	ENV 81 Cat6	101896	1 year	2025/4/23	2026/4/22
#1Shielding room	MORI	854	N/A	3 year	2023/5/17	2026/5/16
LISN	SCHWARZBECK	NSLK 8129	5021	1 year	2025/4/23	2026/4/22
Temperature and humidity meter	/	C193561430	C193561430	1 year	2025/4/29	2026/4/28
EMI Test Receiver	Rohde&Schwarz	ESR3	102693	1 year	2025/5/22	2026/5/21

1.2 TEST LOCATION

The tests and measurements refer to this report were performed by EMC testing Lab of CVC Testing Technology (Shenzhen) Co., Ltd.

Address: No. 1301-14, Guanguang Road, Xinlan Community, Guanlan Subdistrict, Longhua District, Shenzhen, Guangdong, China

Post Code: 518110 Tel: 0755-23763060-8805

Fax: 0755-23763060 E-mail: sz-kf@cvc.org.cn

FCC(Test firm designation number: CN1363)

IC(Test firm CAB identifier number: CN0137)

CNAS(Test firm designation number: L16091)

1.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT:

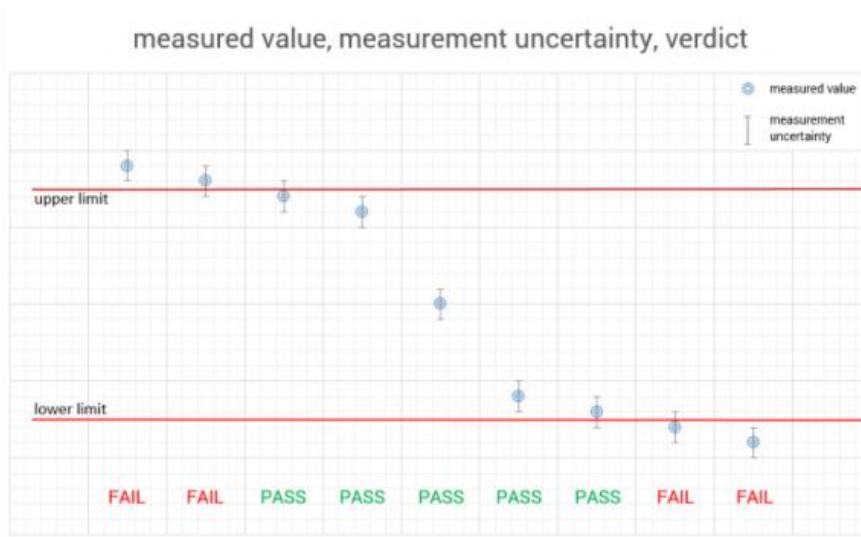
No.	Item	Measurement Uncertainty
1	Occupied Channel Bandwidth	±1.86 %
2	RF output power, conducted	±0.9 dB
3	Power Spectral Density, conducted	±0.8 dB
4	Conducted emission test	+/-2.7 dB
5	Radiated emission 9kHz-30MHz	+/-5.6 dB
	Radiated emission 30MHz-1GHz	+/-4.6 dB
	Radiated emission 1GHz-18GHz	+/-4.4 dB
	Radiated emission 18GHz-40GHz	+/-5.1 dB
6	Temperature	±0.73 °C
7	Humidity	±3.90 %
8	Supply voltages	±0.37 %
9	Time	±0.27 %

Remark: 95% Confidence Levels, k=2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Only the measured values related to their corresponding limits will be used to decide whether the equipment under test meets the requirements of the test standards listed.

The measurement uncertainty is mentioned in this test report, but is not taken into account - neither to the limits nor to the measurement results. Measurement results with a smaller margin to the corresponding limits than the measurement uncertainty have a potential risk of more than 5% that the decision might be wrong.





2 GENERAL INFORMATION

2.1 GENERAL PRODUCT INFORMATION

PRODUCT NAME	Hydrow Touchscreen Monitor					
BRAND NAME	N/A					
MODEL NAME	P1601					
ADDITIONAL MODEL	N/A					
MODEL DIFFERENCES	N/A					
POWER SUPPLY	DC 15V 2A From Adapter					
MODULATION TECHNOLOGY	OFDM					
MODULATION TYPE	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM					
OPERATING FREQUENCY AND MAXIMUM POWER	Frequency	MAX Output Power(dBm)	MAX.EIPR(dBm)			
	5180 ~ 5240MHz	15.10	18.50			
	5745 ~ 5825MHz	16.98	20.38			
NUMBER OF CHANNEL	See section 2.2					
ANTENNA TYPE (Remark 3)	FPC Antenna, with 3.40dBi gain					
HARDWARE VERSION:	N/A					
SOFTWARE VERSION:	N/A					
FIX FREQUENCY SOFTWARE	SecureCRT.exe					
I/O PORTS	Refer to User's Manual					
Remark:						
1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.						
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.						
3. Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, CVC is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.						



2.2 DESCRIPTION OF ACCESSORIES

N/A

2.3 CARRIER FREQUENCY AND CHANNEL

FOR 5180 ~ 5240MHz

4 channels are provided for 802.11a, 802.11n(HT20), 802.11ac(VHT20):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
36	5180MHz	40	5200MHz
44	5220 MHz	48	5240MHz

2 channels are provided for 802.11n(HT40), 802.11ac(VHT40):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
38	5190MHz	46	5230 MHz

1 channel is provided for 802.11ac(VHT80):

CHANNEL	FREQUENCY
42	5210MHz

FOR 5745 ~ 5825MHz

5 channels are provided for 802.11a, 802.11n(HT20), 802.11ac(VHT20):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
149	5745MHz	153	5765MHz
157	5785MHz	161	5805MHz
165	5825MHz	--	--

2 channels are provided for 802.11n(HT40), 802.11ac(VHT40):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
151	5755MHz	159	5795MHz

1 channel is provided for 802.11ac(VHT80):

CHANNEL	FREQUENCY
155	5775MHz



1. The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.

2. By means of eut mode fix frequency, the power levels during the tests were set according to the following codes:

Operated in 5180 ~ 5240MHz band							
802.11a		802.11n(HT20)		802.11n(HT40)		802.11ac(VHT20)	
FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING
5180	16	5180	15	5190	15	5180	15
5200	16	5200	15	5230	15	5200	15
5240	16	5240	15	---	---	5240	15
802.11ac(VHT40)		802.11ac(VHT80)					
FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING				
5190	15	5210	15				
5230	15	---	---				
---	---	---	---				
Operated in 5745 ~ 5825MHz band							
802.11a		802.11n(HT20)		802.11n(HT40)		802.11ac(VHT20)	
FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING
5745	16	5745	15	5755	15	5745	15
5785	16	5785	15	5795	15	5785	15
5825	16	5825	15	---	---	5825	15
802.11ac(VHT40)		802.11ac(VHT80)					
FREQUENCY (MHZ)	POWER SETTING	FREQUENCY (MHZ)	POWER SETTING				
5755	15	5775	15				
5795	15	---	---				
---	---	---	---				



2.4 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE \geq 1G	RE $<$ 1G	PLC	APCM	
-	✓	✓	✓	✓	DC 5V with wifi(5G) link

Where RE \geq 1G: Radiated Emission above 1GHz

RE $<$ 1G: Radiated Emission below 1GHz

PLC: Power Line Conducted Emission

APCM: Antenna Port Conducted Measurement

NOTE:

1. The EUT had been pre-tested on the positioned of each 3 axis. The worst case was found when positioned on X-plane.

NOTE: “-”means no effect.

MODULATION	DATA RATE
802.11a	6Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	TEST VOLTAGE (SYSTEM)	TESTED BY
RE $<$ 1G	25.2deg. C, 57%RH	DC 15V 2A From Adapter	Liu Yuan
RE \geq 1G	25.2deg. C, 57%RH	DC 15V 2A From Adapter	Liu Yuan
PLC	25.2deg. C, 57%RH	DC 15V 2A From Adapter	Zhou Ye
APCM	25.2deg. C, 57%RH	DC 15V 2A From Adapter	Zhu Yulin



2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment					
NO	Description	Brand	Model No.	Serial Number	Supplied by
1	Computer	Lenovo	510PRO-151CK	M70DZXR8	LAB
2	adapter	anker	A2669	N/A	LAB
Support Cable					
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)
1	N/A	N/A	N/A	N/A	N/A

2.6 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

FCC Part 15, Subpart E (15.407)

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

ANSI C63.10-2020

All test items have been performed and recorded as per the above standards

3 TEST TYPES AND RESULTS

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

Frequency (MHz)	Conducted Limits(dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

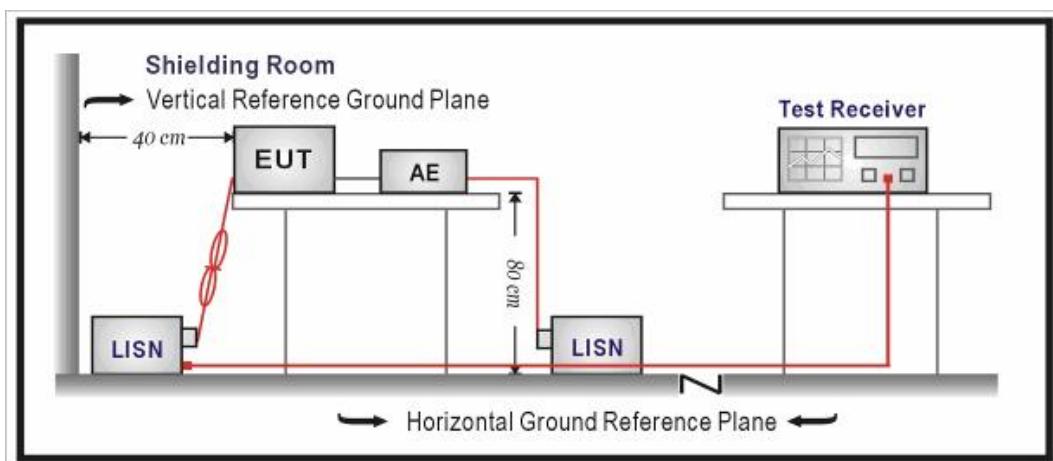
NOTE: 1. The lower limit shall apply at the transition frequencies.
NOTE: 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

3.1.2 TEST PROCEDURES

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) were not recorded.

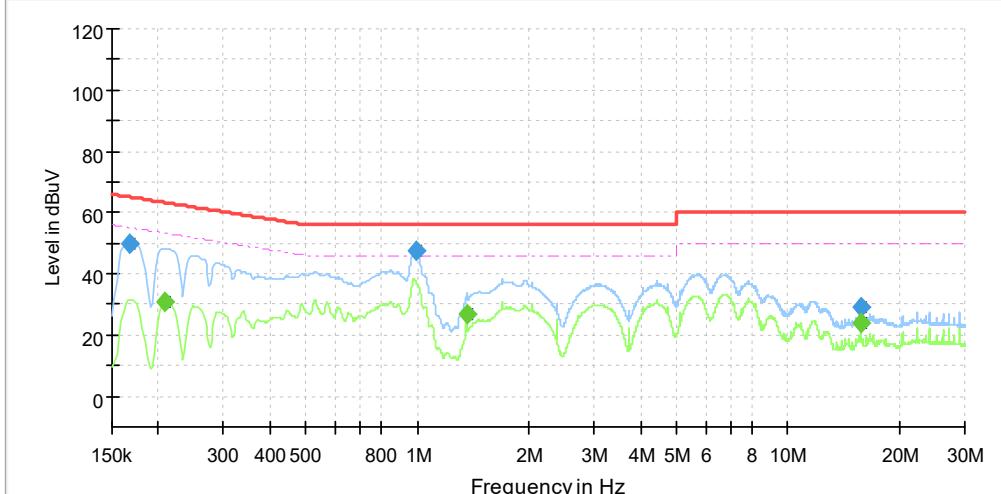
NOTE: All modes of operation were investigated and the worst-case emissions are reported.

3.1.3 TEST SETUP



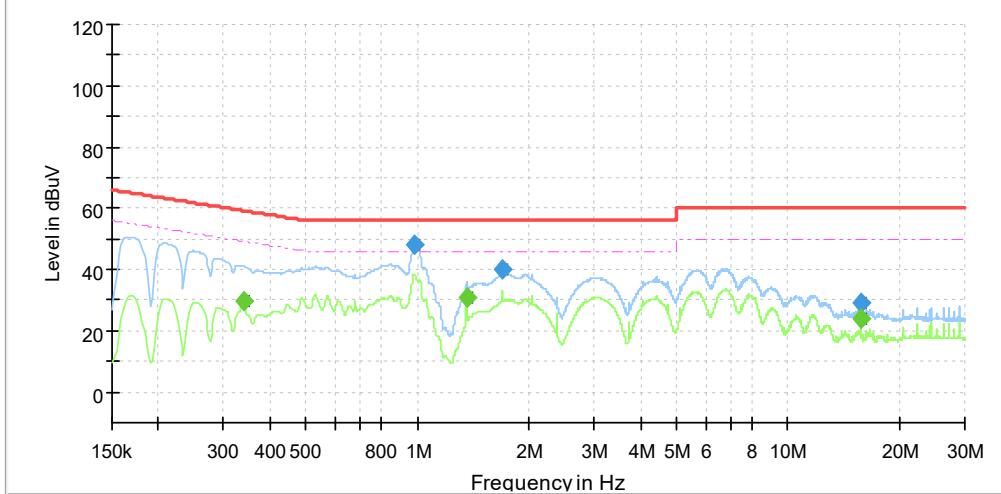
NOTE: For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.4 TEST RESULTS

PHASE	Line (L)	Frequency Range	150KHz ~ 30MHz																																																								
Test Mode	5G WiFi Link																																																										
																																																											
<table border="1"><thead><tr><th>NO</th><th>Frequency (MHz)</th><th>QuasiPeak (dBuV)</th><th>Average (dBuV)</th><th>Limit (dBuV)</th><th>Margin (dB)</th><th>Line</th><th>Corr.Factor (dB)</th></tr></thead><tbody><tr><td>1</td><td>0.175</td><td>---</td><td>40.6</td><td>54.7</td><td>14.2</td><td>L</td><td>10.2</td></tr><tr><td>2</td><td>0.204</td><td>---</td><td>41.4</td><td>53.4</td><td>12.1</td><td>L</td><td>10.2</td></tr><tr><td>3</td><td>0.204</td><td>53.6</td><td>---</td><td>63.4</td><td>9.9</td><td>L</td><td>10.2</td></tr><tr><td>4</td><td>0.224</td><td>---</td><td>42.6</td><td>52.7</td><td>10.1</td><td>L</td><td>10.2</td></tr><tr><td>5</td><td>0.458</td><td>---</td><td>39.6</td><td>46.7</td><td>7.2</td><td>L</td><td>10.2</td></tr><tr><td>6</td><td>0.461</td><td>46.0</td><td>---</td><td>56.7</td><td>10.7</td><td>L</td><td>10.2</td></tr></tbody></table>				NO	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.Factor (dB)	1	0.175	---	40.6	54.7	14.2	L	10.2	2	0.204	---	41.4	53.4	12.1	L	10.2	3	0.204	53.6	---	63.4	9.9	L	10.2	4	0.224	---	42.6	52.7	10.1	L	10.2	5	0.458	---	39.6	46.7	7.2	L	10.2	6	0.461	46.0	---	56.7	10.7	L	10.2
NO	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.Factor (dB)																																																				
1	0.175	---	40.6	54.7	14.2	L	10.2																																																				
2	0.204	---	41.4	53.4	12.1	L	10.2																																																				
3	0.204	53.6	---	63.4	9.9	L	10.2																																																				
4	0.224	---	42.6	52.7	10.1	L	10.2																																																				
5	0.458	---	39.6	46.7	7.2	L	10.2																																																				
6	0.461	46.0	---	56.7	10.7	L	10.2																																																				

Remark: The emission levels of other frequencies were very low against the limit.



PHASE	Line (N)	Frequency Range	150KHz ~ 30MHz				
Test Mode	5G WiFi Link						
 A line graph showing spectral emission levels in dBuV on the y-axis (0 to 120) versus frequency in Hz on the x-axis (150k to 30M). The graph displays several data series: a red solid line representing the 150KHz to 30MHz limit, a pink dashed line representing the 5G WiFi link emission, and several colored lines (blue, green, yellow) representing other emission sources. Blue diamond markers indicate specific data points of interest, notably at 1MHz, 2MHz, and 15.8MHz. The graph shows that the WiFi link emission (pink) is significantly higher than the limit (red) at 1MHz and 2MHz, while other emissions (blue, green, yellow) are mostly below the limit.							
NO	Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Corr.Factor (dB)
1	0.339	---	29.9	49.2	19.3	N	20.1
2	0.985	48.0	---	56.0	8.0	N	20.1
3	1.358	---	31.1	46.0	14.9	N	20.1
4	1.696	39.9	---	56.0	16.1	N	20.1
5	15.801	---	23.7	50.0	26.3	N	20.5
6	15.803	29.0	---	60.0	31.0	N	20.5
Remark: The emission levels of other frequencies were very low against the limit.							



3.2 RADIATED EMISSION AND BANDEDGE MEASUREMENT

3.1.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

FREQUENCIES (MHz)	FIELD STRENGTH (microvolts/meter)	MEASUREMENT DISTANCE (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dB_uV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 30dB under any condition of modulation.



3.1.2 LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

APPLICABLE TO	LIMIT	
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	FIELD STRENGTH AT 3m	
	PK:74 (dB μ V/m)	AV:54 (dB μ V/m)
STANDARD SECTION	EIRP LIMIT	EQUIVALENT FIELD STRENGTH AT 3m
15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dB μ V/m)
15.407(b)(2)		
15.407(b)(3)		
15.407(b)(4)	Note	Note

NOTE:

For transmitters operating in the 5.725-5.85 GHz band:Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the alternative limit.

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

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

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



3.1.3 TEST PROCEDURES

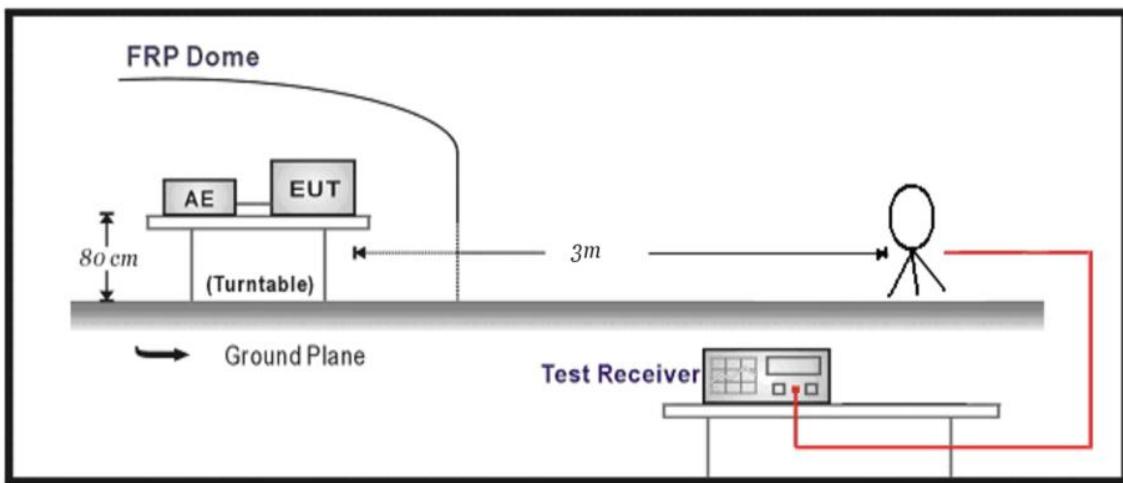
- a. The EUT was placed on the top of a rotating table 1.5 meters(above 1GHz)and 0.8 meters(below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

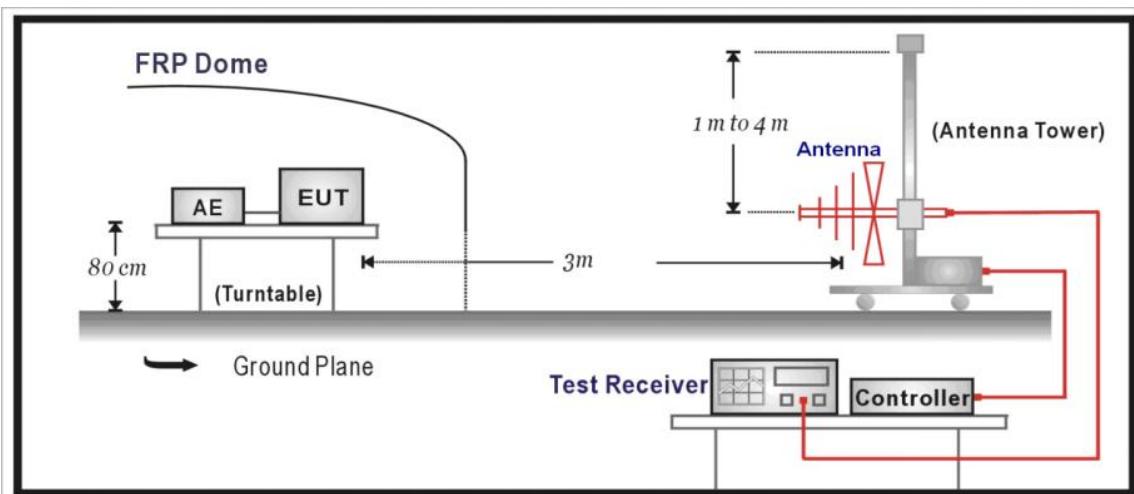
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz(Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

3.1.4 TEST SETUP

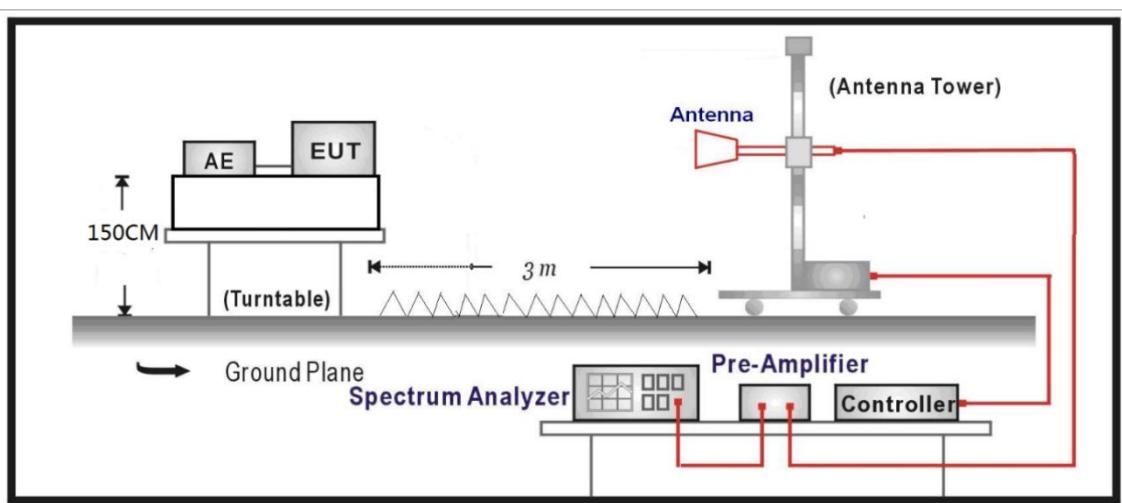
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



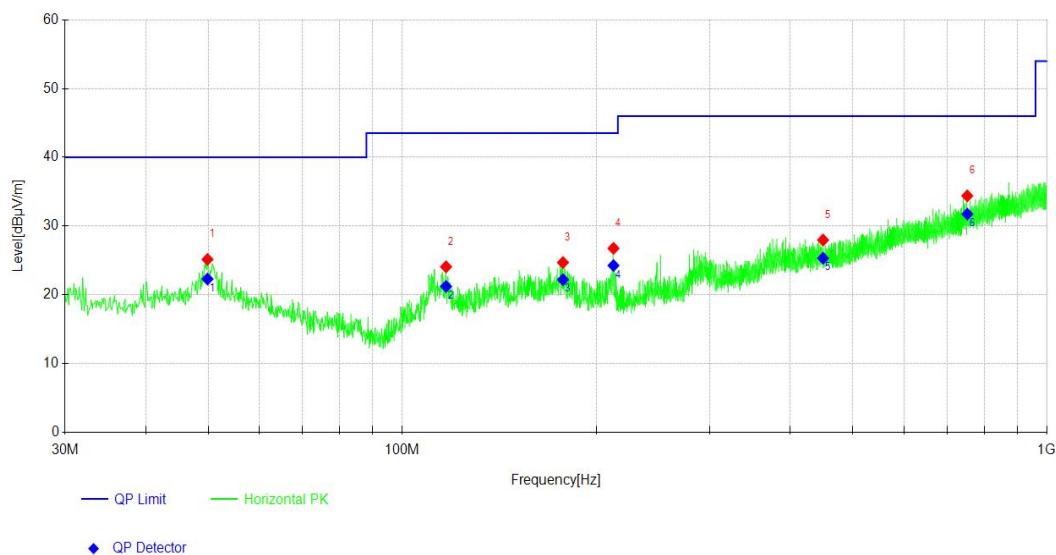
Note: For the actual test configuration, please refer to the related Item in this test report
(Photographs of the Test Setup)

3.1.5 TEST RESULTS - BELOW 1GHz

BELLOW 1GHz WORST-CASE DATA

Worst Test Mode	802.11a	Channel	CH 36
Frequency Range	9KHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Horizontal



NO.	Freq. [MHz]	Factor [dB]	QP Value [dBuV/m]	QP Limit [dBuV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	49.887	20.27	22.29	40.00	17.71	100	231	Horizontal
2	116.921	17.75	21.22	43.50	22.28	100	277	Horizontal
3	177.552	18.65	22.20	43.50	21.30	100	243	Horizontal
4	212.669	17.26	24.26	43.50	19.24	100	243	Horizontal
5	449.567	24.37	25.32	46.00	20.68	100	346	Horizontal
6	752.528	29.82	31.74	46.00	14.26	100	170	Horizontal

Remark: 1. 9KHz~30MHz have been test and test data more than 20dB margin.

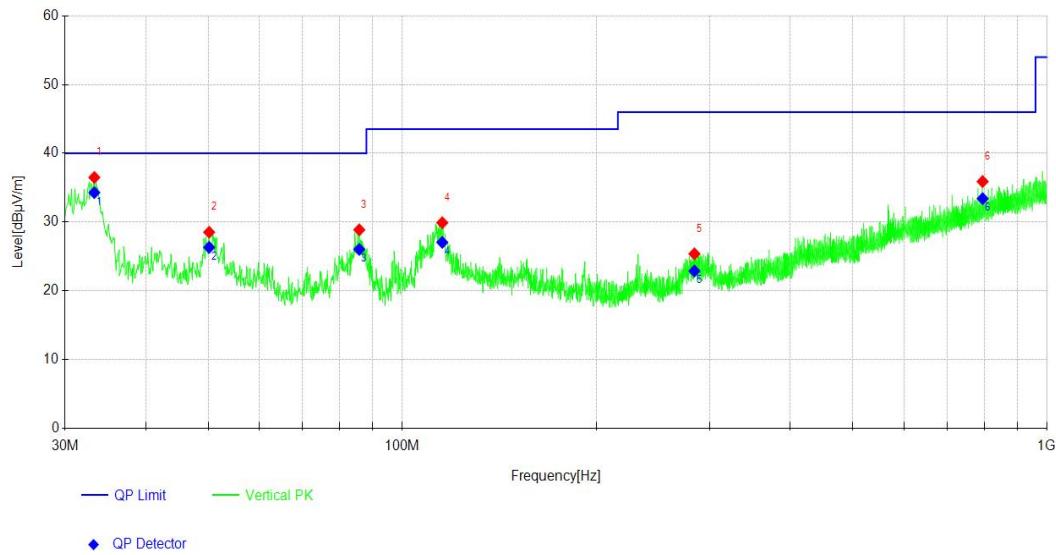
2. The emission levels of other frequencies were greater than 20dB margin.

3. Level (dBuV/m) = Reading (dBuV) + Factor (dB/m).

4. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).

5. Margin(dB) = Limit[dBuV/m] - Level [dBuV/m]

Worst Test Mode	802.11a	Channel	CH 36
Frequency Range	9KHz ~ 1GHz	Detector Function	Quasi-Peak (QP)

Vertical


NO.	Freq. [MHz]	Factor [dB]	QP Value [dB μ V/m]	QP Limit [dB μ V/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.298	18.64	34.28	40.00	5.72	100	217	Vertical
2	50.178	20.26	26.31	40.00	13.69	100	128	Vertical
3	85.781	14.34	26.02	40.00	13.98	100	315	Vertical
4	115.369	17.61	27.05	43.50	16.45	100	2	Vertical
5	283.971	20.48	22.88	46.00	23.12	100	167	Vertical
6	794.824	30.23	33.40	46.00	12.60	100	10	Vertical

Remark: 1. 9KHz~30MHz have been test and test data more than 20dB margin.

2. The emission levels of other frequencies were greater than 20dB margin.

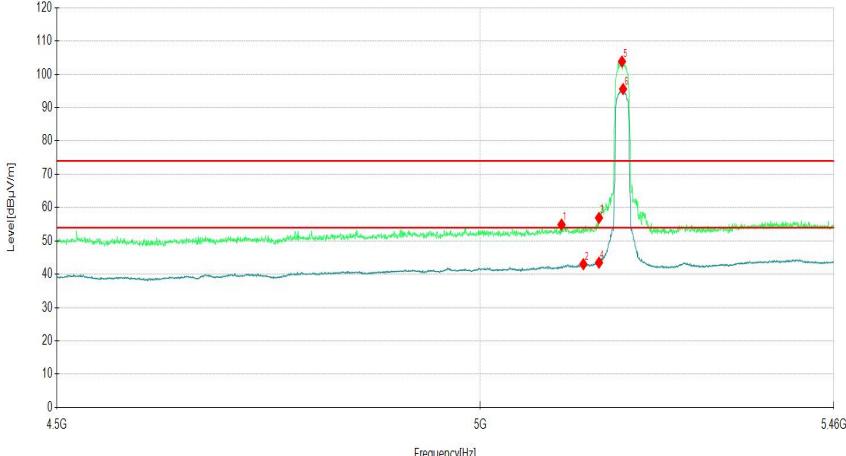
3. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).

4. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).

5. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]

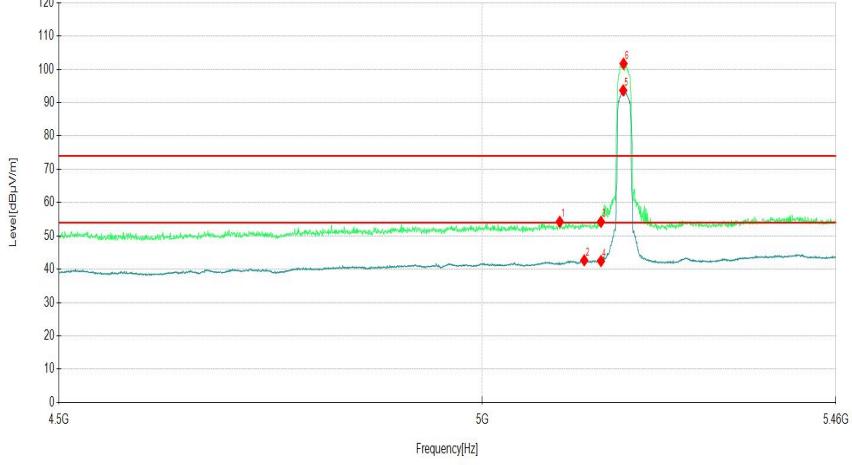
3.1.6 TEST RESULTS - Band 1 (5180-5240MHz):**ABOVE 1GHz DATA**

Channel	802.11a CH36	Frequency	5180 MHz				
Frequency Range	Above 1G	Detector Function	PK/AV				
Horizontal							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5102.22	47.21	7.67	54.88	74.00	19.12	PK
2	5130.08	34.77	8.25	43.02	54.00	10.98	AV
3	5150.00	48.88	8.03	56.91	74.00	17.09	PK
4	5150.00	35.45	8.03	43.48	54.00	10.52	AV
5	5179.54	96.03	7.80	103.83			PK
6	5180.98	87.81	7.77	95.58			AV
7	10360.00	30.44	15.59	46.03	68.20	22.17	PK
8	10360.00	22.83	15.59	38.42	54.00	15.58	AV
9	15540.00	22.75	21.44	44.19	74.00	29.81	PK
10	15540.00	14.28	21.44	35.72	54.00	18.28	AV



Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]

All test modes have been conducted, and the report only presents the worst case.

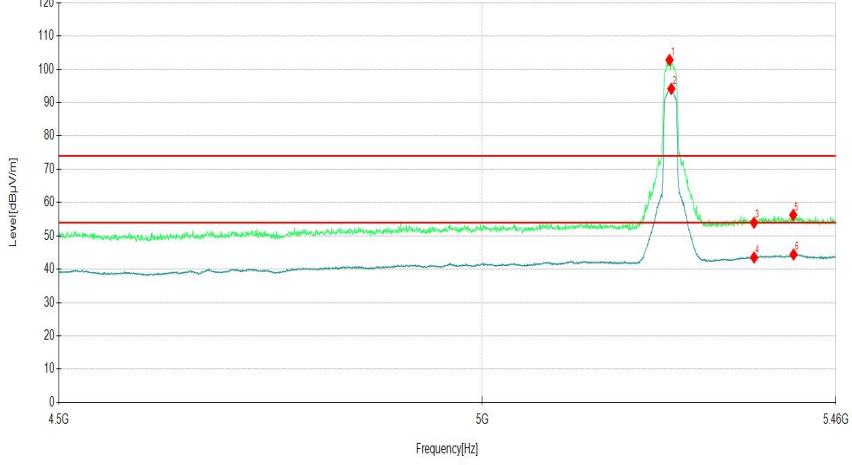
Channel	802.11a CH36	Frequency	5180 MHz				
Frequency Range	Above 1G	Detector Function	PK/AV				
Vertical							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5097.42	46.67	7.57	54.24	74.00	19.76	PK
2	5128.63	34.48	8.19	42.67	54.00	11.33	AV
3	5150.00	46.19	8.03	54.22	74.00	19.78	PK
4	5150.00	34.42	8.03	42.45	54.00	11.55	AV
5	5178.58	85.88	7.79	93.67			AV
6	5179.06	93.91	7.80	101.71			PK
7	10360.00	29.69	15.59	45.28	54.00	8.72	AV
8	10360.00	38.14	15.59	53.73	68.20	14.47	PK
9	15540.00	14.81	21.44	36.25	54.00	17.75	AV
10	15540.00	24.42	21.44	45.86	74.00	28.14	PK
							
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBμV/m) = Reading (dBμV) + Factor (dB/m). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>							



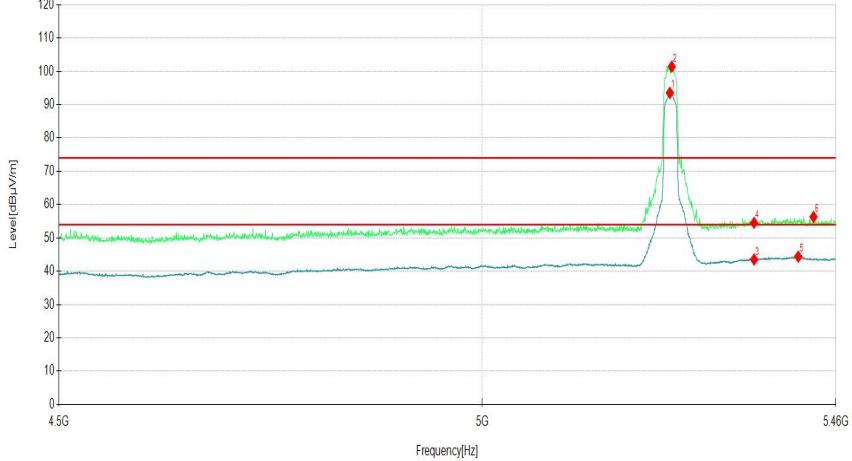
Channel	802.11a CH 40		Frequency	5200MHz			
Frequency Range	Above 1G		Detector Function	PK/AV			
Horizontal							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	10400.00	28.50	15.80	44.30	68.20	23.90	PK
2	10400.00	20.58	15.80	36.38	54.00	17.62	AV
3	15600.00	23.48	21.58	45.06	74.00	28.94	PK
4	15600.00	13.81	21.58	35.39	54.00	18.61	AV
Vertical							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	10400.00	35.64	15.80	51.44	68.20	16.76	PK
2	10400.00	26.52	15.80	42.32	54.00	11.68	AV
3	15600.00	24.14	21.58	45.72	74.00	28.28	PK
4	15600.00	14.52	21.58	36.10	54.00	17.90	AV

Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]



Channel	802.11a CH48	Frequency	5240 MHz				
Frequency Range	Above 1G	Detector Function	PK/AV				
Horizontal							
N O.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5238.61	94.78	8.02	102.80			PK
2	5241.01	86.13	8.02	94.15			AV
3	5350.00	44.32	9.66	53.98	74.00	20.02	PK
4	5350.00	33.86	9.66	43.52	54.00	10.48	AV
5	5402.37	46.51	9.78	56.29	74.00	17.71	PK
6	5402.85	34.61	9.81	44.42	54.00	9.58	AV
7	10480.00	29.09	15.87	44.96	68.20	23.24	PK
8	10480.00	20.41	15.87	36.28	54.00	17.72	AV
9	15720.00	23.06	22.33	45.39	74.00	28.61	PK
10	15720.00	12.83	22.33	35.16	54.00	18.84	AV
							
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBμV/m) = Reading (dBμV) + Factor (dB/m). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>							



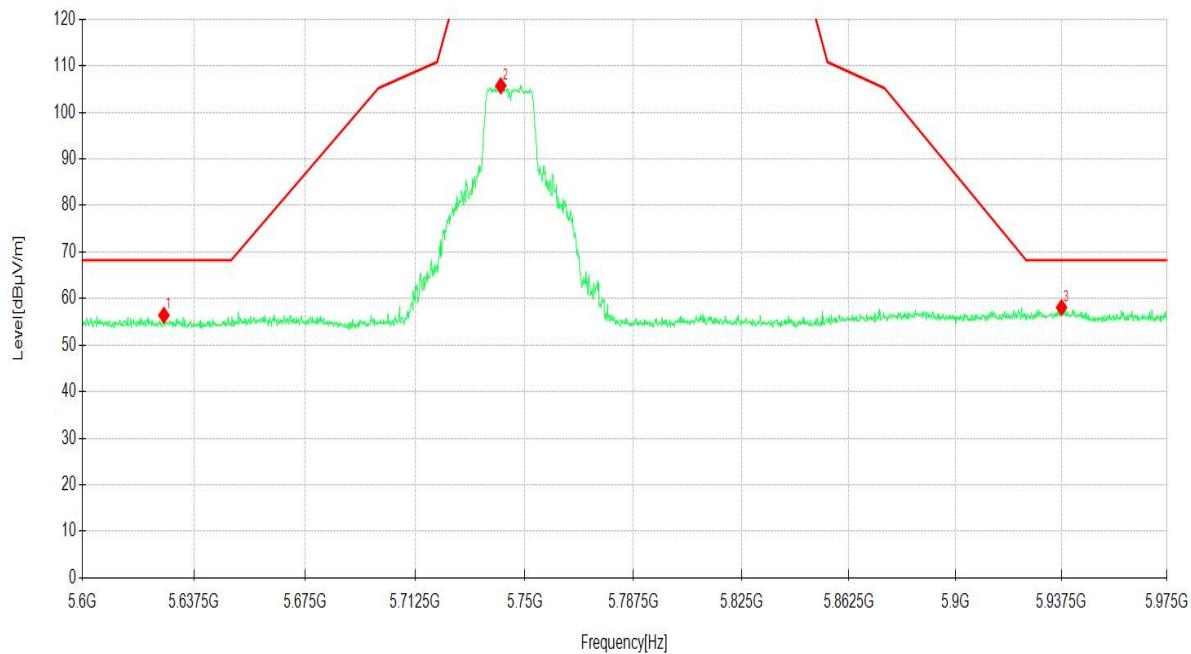
Channel	802.11a CH48	Frequency	5240 MHz				
Frequency Range	Above 1G	Detector Function	PK/AV				
Vertical							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5239.09	85.53	8.01	93.54			AV
2	5241.49	93.37	8.02	101.39			PK
3	5350.00	33.88	9.66	43.54	54.00	10.46	AV
4	5350.00	44.89	9.66	54.55	74.00	19.45	PK
5	5409.09	34.41	9.99	44.40	54.00	9.60	AV
6	5429.74	46.70	9.62	56.32	74.00	17.68	PK
7	10480.00	27.68	15.87	43.55	68.20	24.65	PK
8	10480.00	18.15	15.87	34.02	54.00	19.98	AV
9	15720.00	22.99	22.33	45.32	74.00	28.68	PK
10	15720.00	14.09	22.33	36.42	54.00	17.58	AV
							
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBμV/m) = Reading (dBμV) + Factor (dB/m). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>							

3.1.7 TEST RESULTS - Band 4 (5745-5825MHz):**ABOVE 1GHz DATA****All test modes have been conducted, and the report only presents the worst case.**

Channel	802.11a CH149	Frequency	5745 MHz
Frequency Range	Above 1G	Detector Function	PK/AV

Horizontal

NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5605.63	47.46	8.95	56.41	68.20	11.79	PK
2	5746.51	95.96	8.93	104.89			PK
3	5928.85	47.68	10.47	58.15	68.20	10.05	PK
4	11490.00	31.77	16.45	48.22	74.00	25.78	PK
5	11490.00	22.79	16.45	39.24	54.00	14.76	AV
6	17235.00	19.10	27.05	46.15	68.20	22.05	PK
7	17235.00	13.28	27.05	40.33	54.00	13.67	AV

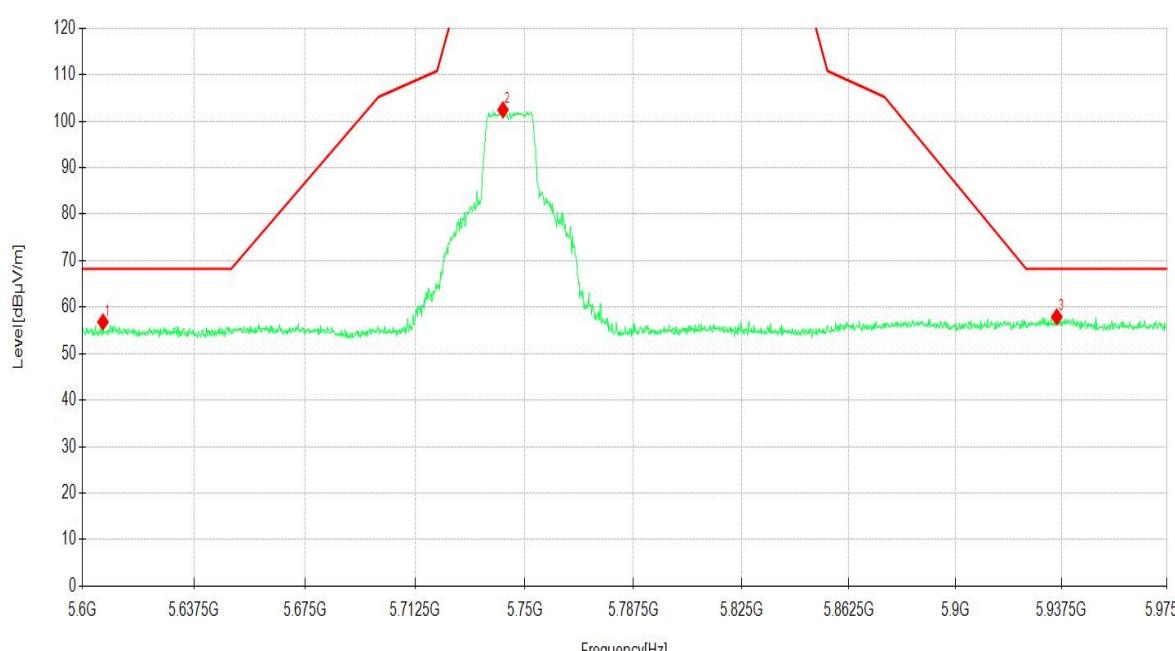


Remark: 1. The emission levels of other frequencies were greater than 20dB margin.

2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).

3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).

4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]

Channel	802.11a CH149	Frequency	5745 MHz				
Frequency Range	Above 1G	Detector Function	PK/AV				
Vertical							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5612.38	46.89	9.02	55.91	68.20	12.29	PK
2	5747.82	95.84	8.94	104.78			PK
3	5939.36	47.18	10.79	57.97	68.20	10.23	PK
4	11490.00	37.59	16.45	54.04	74.00	19.96	PK
5	11490.00	30.19	16.45	46.64	54.00	7.36	AV
6	17235.00	19.57	27.05	46.62	68.20	21.58	PK
7	17235.00	13.17	27.05	40.22	54.00	13.78	AV
							
<p>Remark: 1. The emission levels of other frequencies were greater than 20dB margin. 2. Level (dBμV/m) = Reading (dBμV) + Factor (dB/m). 3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB). 4. Margin(dB) = Limit[dBμV/m] - Level [dBμV/m]</p>							



Channel	802.11a CH157		Frequency	5785 MHz			
Frequency Range	Above 1G		Detector Function	PK/AV			
Horizontal							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	11570.00	29.50	16.81	46.31	74.00	27.69	PK
2	11570.00	22.40	16.81	39.21	54.00	14.79	AV
3	17355.00	20.58	28.18	48.76	68.20	19.44	PK
4	17355.00	13.28	28.18	41.46	54.00	12.54	AV
Vertical							
NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	11570.00	38.03	16.81	54.84	74.00	19.16	PK
2	11570.00	30.84	16.81	47.65	54.00	6.35	AV
3	17355.00	19.74	28.18	47.92	68.20	20.28	PK
4	17355.00	11.80	28.18	39.98	54.00	14.02	AV

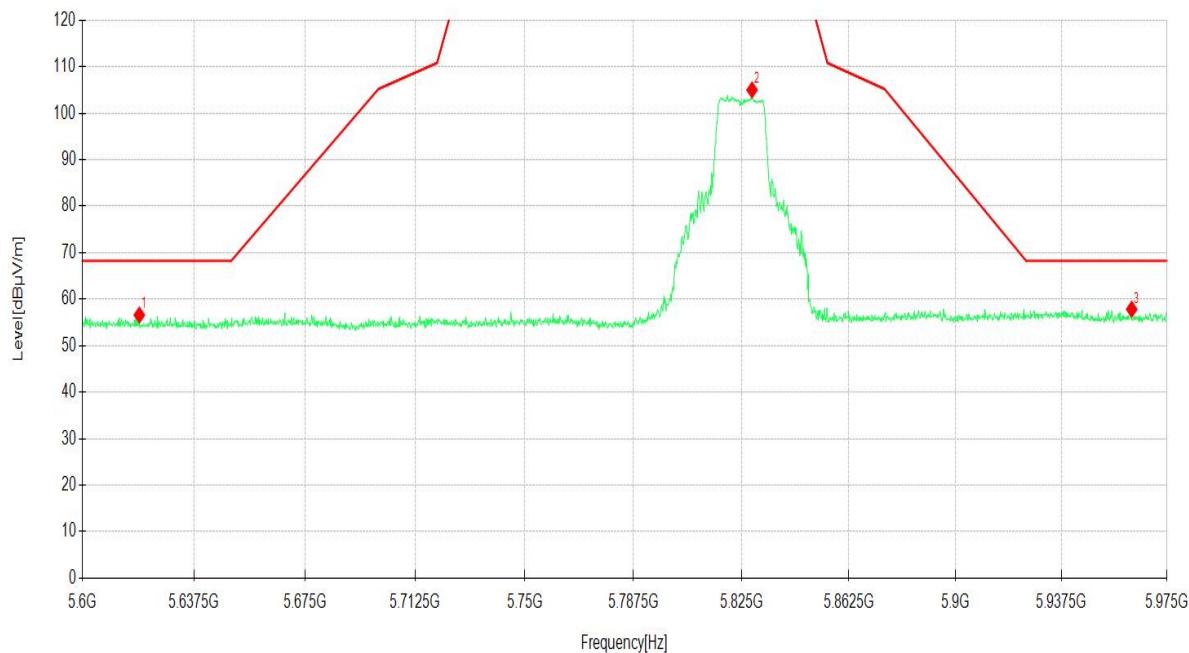
Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]



Channel	802.11a CH165	Frequency	5825 MHz
Frequency Range	Above 1G	Detector Function	PK/AV

Horizontal

NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5647.46	47.58	8.75	56.33	68.20	11.87	PK
2	5820.24	97.83	8.85	106.68			PK
3	5938.23	47.72	10.76	58.48	68.20	9.72	PK
4	11650.00	29.52	16.70	46.22	74.00	27.78	PK
5	11650.00	22.24	16.70	38.94	54.00	15.06	AV
6	17475.00	18.65	28.12	46.77	68.20	21.43	PK
7	17475.00	11.64	28.12	39.76	54.00	14.24	AV



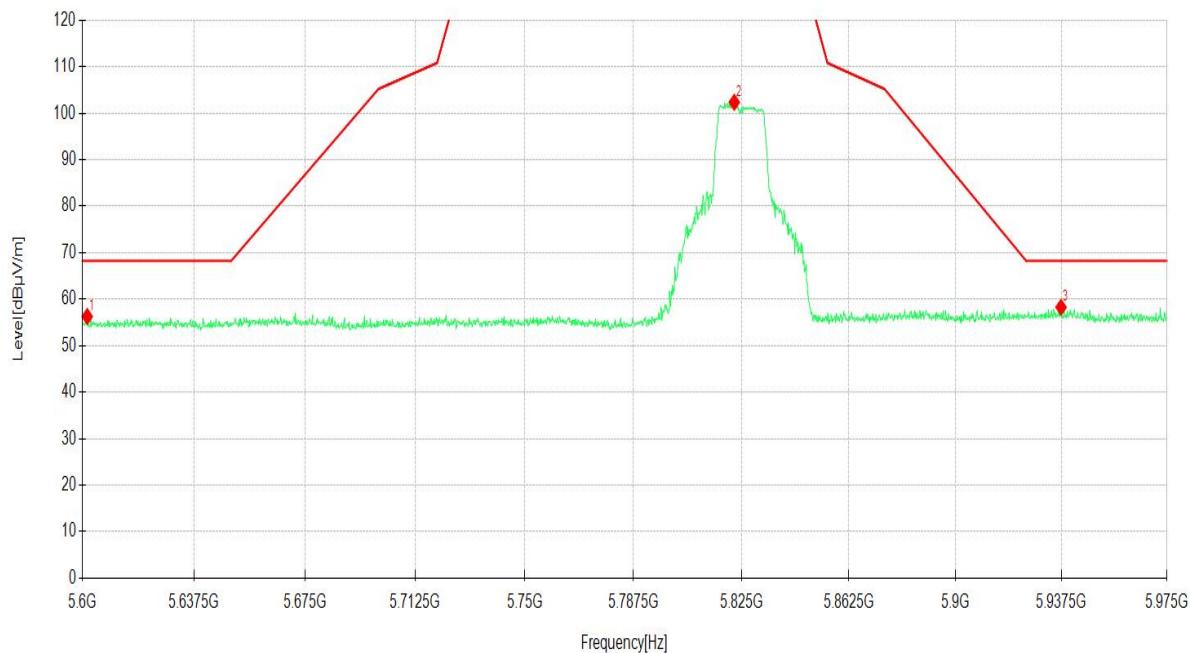
Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]



Channel	802.11a CH165	Frequency	5825 MHz
Frequency Range	Above 1G	Detector Function	PK/AV

Vertical

NO.	Freq. [MHz]	Reading [dB μ V]	Factor [dB/m]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Detector
1	5607.32	47.34	8.98	56.32	68.20	11.88	PK
2	5820.24	97.91	8.85	106.76			PK
3	5942.17	47.94	10.57	58.51	68.20	9.69	PK
4	11650.00	36.40	16.70	53.10	74.00	20.90	PK
5	11650.00	29.15	16.70	45.85	54.00	8.15	AV
6	17475.00	20.23	28.12	48.35	68.20	19.85	PK
7	17475.00	11.94	28.12	40.06	54.00	13.94	AV



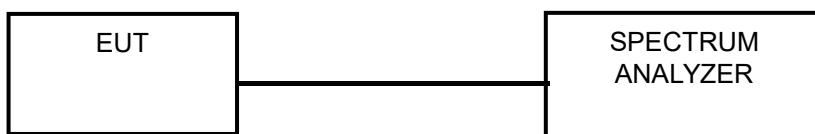
Remark: 1. The emission levels of other frequencies were greater than 20dB margin.
2. Level (dB μ V/m) = Reading (dB μ V) + Factor (dB/m).
3. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
4. Margin(dB) = Limit[dB μ V/m] - Level [dB μ V/m]

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 Measurement procedure

The transmitter antenna output was connected to the spectrum analyzer through an attenuator. The resolution bandwidth shall be set to the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth. below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 % of the total mean power of a given emission.

3.3.2 TEST SETUP





3.4 26DB EMISSION BANDWIDTH

3.4.1 LIMITS OF 26DB EMISSION BANDWIDTH

This section is for reporting purpose only, there is no restriction limit of bandwidth

3.4.2 TEST PROCEDURES

FOR 26dB BANDWIDTH

- 1) Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- 2) Set the VBW > RBW.
- 3)Detector = peak.
- 4) Trace mode = max-hold.
- 5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

3.4.3 TEST SETUP

FOR 26dB BANDWIDTH





3.5 6DB EMISSION BANDWIDTH

3.5.1 LIMITS OF 6DB EMISSION BANDWIDTH

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

3.5.2 TEST PROCEDURES

FOR 6dB BANDWIDTH

- a. Set resolution bandwidth (RBW) = 1% to 5%.
- b. Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- c. Trace mode = max hold.
- d. Sweep = auto couple.
- e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

3.5.3 TEST SETUP

FOR 6dB BANDWIDTH





3.6 TRANSMIT POWER MEASUREMENT

3.6.1 LIMITS OF TRANSMIT POWER MEASUREMENT(FCC)

Operation Band	EUT Category		LIMIT
U-NII-1	--	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p \leq 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	--	Fixed point-to-point Access Point	1 Watt (30 dBm)
	--	Indoor Access Point	1 Watt (30 dBm)
	✓	Mobile and Portable client device	250mW (24 dBm)
U-NII-2A	--		250mW(24dBm) or 11 dBm+10LogB*
U-NII-2C	--		250mW(24dBm) or 11 dBm+10LogB*
U-NII-3	✓		1 Watt (30 dBm)

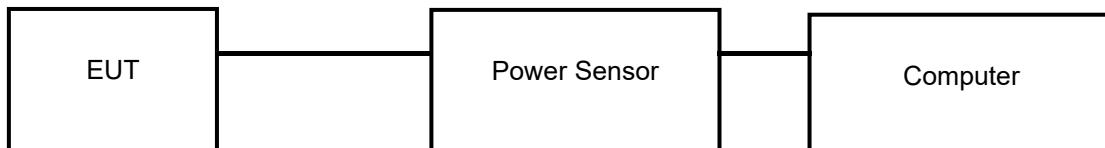
NOTE: 1. Where B is the 26dB emission bandwidth in MHz.

3.6.2 TEST PROCEDURES

FOR AVERAGE POWER MEASUREMENT

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is added to measured value.

3.6.3 TEST SETUP



3.7 POWER SPECTRAL DENSITY MEASUREMENT

3.7.1 LIMITS OF PEAK POWER SPECTRAL DENSITY MEASUREMENT(FCC)

Operation Band	EUT Category		LIMIT
U-NII-1	--	Outdoor Access Point	17dBm/ MHz
	--	Fixed point-to-point Access Point	
	--	Indoor Access Point	
	✓	Mobile and Portable client device	11dBm/ MHz
U-NII-2A	--		11dBm/ MHz
U-NII-2C	--		11dBm/ MHz
U-NII-3	✓		30dBm/ 500kHz

3.7.2 TEST PROCEDURE

For U-NII-1, U-NII-2A, U-NII-2Cband:

Using method SA-2

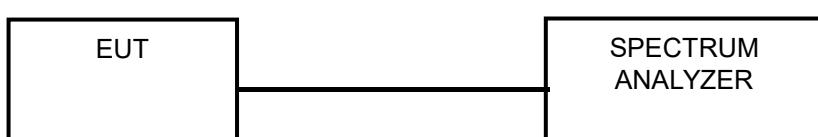
- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 1MHz, Set VBW =3 MHz, Detector = AV
- 3) Sweep time = auto, trigger set to“free run”.
- 4) Trace average at least 100 traces in power averaging mode.
- 5) Record the max value and add 10 log (1/duty cycle)

For U-NII-3 band:

Using method SA-2

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 500 kHz, Set VBW $\geq 3 \times$ RBW, Detector = AV
- 3) Sweep time = auto, trigger set to“free run”.
- 4) Trace average at least 100 traces in power averaging mode.
- 5) Record the max value and add 10 log (1/duty cycle)

3.7.3 TEST SETUP



3.8 FREQUENCY STABILITY

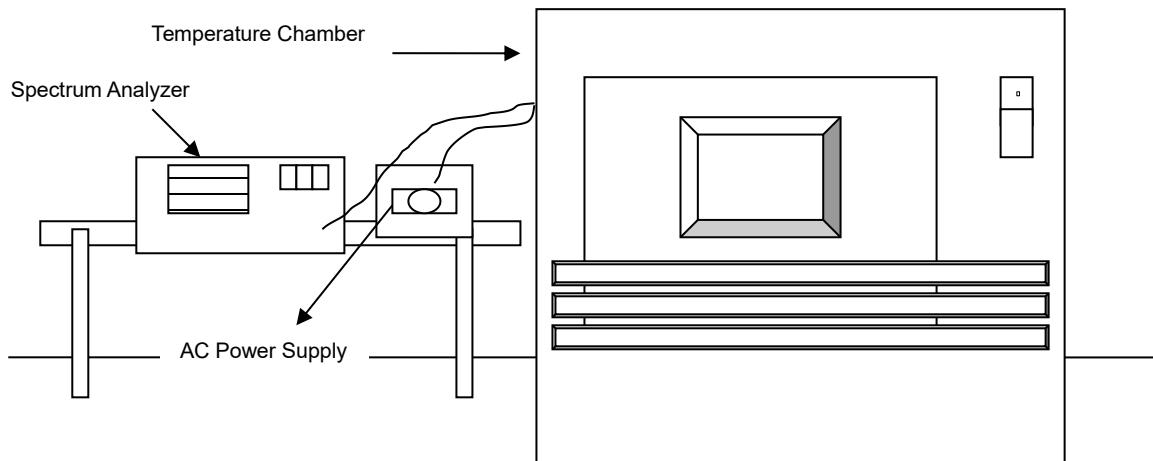
3.8.1 LIMITS OFF FREQUENCY STABILITY

The frequency of the carrier signal shall be maintained within band of operation.

3.8.2 TEST PROCEDURES

- 1)The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
- 2)Turn the EUT on and couple its output to a spectrum analyzer.
- 3)Turn the EUT off and set the chamber to the highest temperature specified.
- 4)Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
- 5)Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
- 6)The test chamber was allowed to stabilize at +20 degree C for a minimum of 30minutes. The supply voltage was then adjusted on the EUT from 85% to 115%and the frequency record.

3.8.3 TEST SETUP





3.9 ANTENNA REQUIREMENT

3.9.1 LIMITS OFFREQUENCY STABILITY

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. According to FCC 47 CFR Section 15.407(a)(1)(2) , if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.9.2 ANTENNA ANTI-REPLACEMENT CONSTRUCTION

The antenna used for this product is FPC antenna and that no antenna other than that furnished by the responsible party shall be used with the device

3.9.3 ANTENNA GAIN

Operation Band	Chain 1 Antenna Gain(dBi)	Chain 2 Antenna Gain(dBi)	DG For PSD (dBi)	DG For Power (dBi)	PSD Limit Reduction	Power Limit Reduction
WiFi 5G	3.40	/	3.40	3.40	0	0



4 PHOTOGRAPHS OF TEST SETUP

Please refer to the attached file (Test Setup Photo).



5 PHOTOGRAPHS OF THE EUT

Please refer to the attached file (External Photos report and Internal Photos).

----- End of the Report -----



Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of tester, reviewer and approval;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days;
- (6) Generally, commission test results apply to the samples as received. The sample information is provided by the customer and laboratory is not responsible for its authenticity;
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

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