



FCC RADIO TEST REPORT

FCC ID : QYLAX211NG
Equipment : Wireless Module
Brand Name : Getac
Model Name : AX211NGW
Applicant : Getac Technology Corporation.
5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang Dist.,
Taipei City 115018, Taiwan, R.O.C.
Standard : FCC Part 15 Subpart E §15.407

The product was received on Feb. 11, 2025 and testing was performed from Feb. 17, 2025 to Mar. 09, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR521111G	01	Initial issue of report	Mar. 19, 2025



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.407(a)(10)	26dB Emission Bandwidth	Pass	See Note
-	2.1049	99% Occupied Bandwidth	Pass	See Note
3.1	15.407(a)(8)	Fundamental Maximum EIRP	Pass	-
-	15.407(a)(8)	Fundamental Power Spectral Density	Pass	See Note
-	15.407(b)(6)	In-Band Emissions (Channel Mask)	Pass	See Note
-	15.407(d)(6)	Contention Based Protocol	Pass	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	-
3.3	15.207	AC Conducted Emission	Pass	-
3.4	15.203 15.407(a)	Antenna Requirement	Pass	-

Note:

1. For host device, Radiated Spurious Emission is verified and comply with the limit in this test report.
2. For host device, the Conducted Output Power is no difference after compared to module (Model: AX211NGW)

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Yun Huang

Report Producer: Lucy Wu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11ax, and GNSS.
Antenna Type	WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna

Antenna Information for Host			
Antenna	Manufacturer	GTK	
	Antenna Type	PIFA Antenna	PIFA Antenna
	Part number	340140100002	340140100003
	Peak gain (dBi)	Main Antenna:	Aux. Antenna:
		WLAN (6G B5): 3.49	WLAN (6G B5): 3.32
		WLAN (6G B6): 3.01	WLAN (6G B6): 2.80
		WLAN (6G B7): 4.04	WLAN (6G B7): 2.48
		WLAN (6G B8): 2.85	WLAN (6G B8): 1.84

The product was installed into Tablet PC (Brand Name: Getac, Model Name: A140, A140G2, A140Y (Y= 10 characters, Y can be 0-9, a-z, A-Z, "-", "_" or blank for marketing purpose and no impact safety related critical components and constructions.)) during test, and the host information was recorded in the following table.

Sample Information for Host	
SKU	SKU 5
WWAN	Support (EM7511)
WLAN	Support (AX211NGW)
RFID	Not Support
GPS	Support (MC1010)
Finger printer	Support
Barcode	Support
AC Adapter 1 (65W)	Not Support
AC Adapter 2 (120W)	Not Support
AC Adapter 3 (65W)	Support
AC Adapter 3 (65W)	Support

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

The directional gain "DG" is calculated as following table.

			DG	DG
			for	for
	Chain A	Chain B	Power	PSD
	(dBi)	(dBi)	(dBi)	(dBi)
5925 MHz ~ 6425 MHz	3.32	3.49	3.49	6.42
6425 MHz ~ 6525 MHz	2.80	3.01	3.01	5.92
6525 MHz ~ 6875 MHz	2.48	4.04	4.04	6.31
6875 MHz ~ 7125 MHz	1.84	2.85	2.85	5.37

Calculation example:

If a device has two antenna, $G_{Chain A} = 3.32$ dBi; $G_{Chain B} = 3.49$ dBi

Directional gain of power measurement = $\max(3.32, 3.49) + 0 = 3.49$ dBi

Directional gain of PSD derived from formula which is

$$10 \times \log \{ \{ [10^{(3.32 \text{ dBi} / 20)} + 10^{(3.49 \text{ dBi} / 20)}]^2 / 2 \} \}$$

$$= 6.42 \text{ dBi}$$



1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, CO07-HY, 03CH12-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

BW 20M	Channel	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	Channel	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	Channel	15							
	Freq. (MHz)	6025							

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							



BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							

BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							

BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							

BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							
BW 20M	Channel	225				229			
	Freq. (MHz)	7075				7095			
BW 40M	Channel	227							
	Freq. (MHz)	7085							
BW 20M	Channel	233							
	Freq. (MHz)	7115							

2.2 Test Mode

The final test modes include the worst data rates for each modulation shown in the table below.

Single Mode

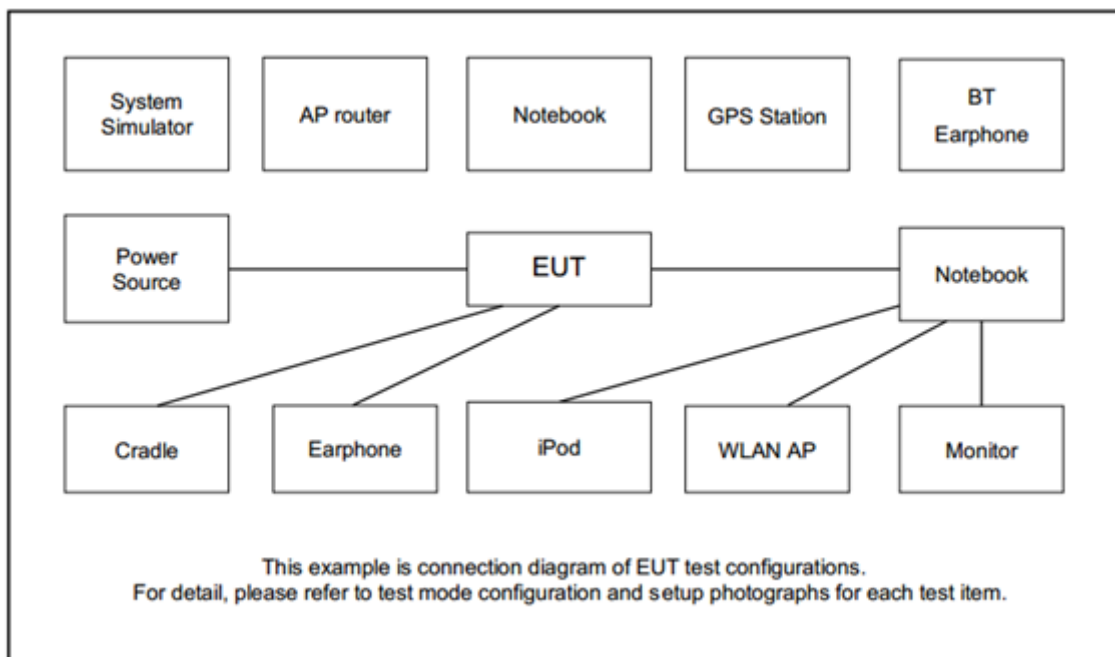
Modulation	Data Rate
802.11ax HE160	MCS0

MIMO Mode

Modulation	Data Rate
802.11ax HE160	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (6GHz) Link + H-pattern + Earphone + Battery + AC Adapter 3
Remark: - The detailed Radiated test modes are shown in Appendix C. - For Radiated Test Cases, the tests were performed with Adapter 3. - Based on ANSI C63.10 clause 5.6.2.2, b) Spurious emissions, measure the mode with the highest output power and the mode with highest output power spectral density for each modulation family.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	Netgear	RAXE500	PY320300508	N/A	Unshielded, 1.8m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded 1.8m	N/A
5.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "QCRT 0.7332.23.90.0" was installed in Host which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Fundamental Maximum EIRP Measurement

3.1.1 Limit of Fundamental Maximum EIRP

<FCC 14-30 CFR 15.407>

(a)(8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

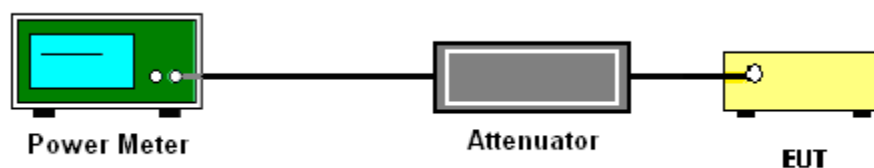
3.1.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.1.4 Test Setup



3.1.5 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.2.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.3
- 7 (Peak)	88.3

According 987594 D02 U-NII 6GHz EMC Measurement v03 section G:

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

Frequency (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: The following formula is used to convert the EIRP to field strength.

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

3.2.2 Measuring Instruments

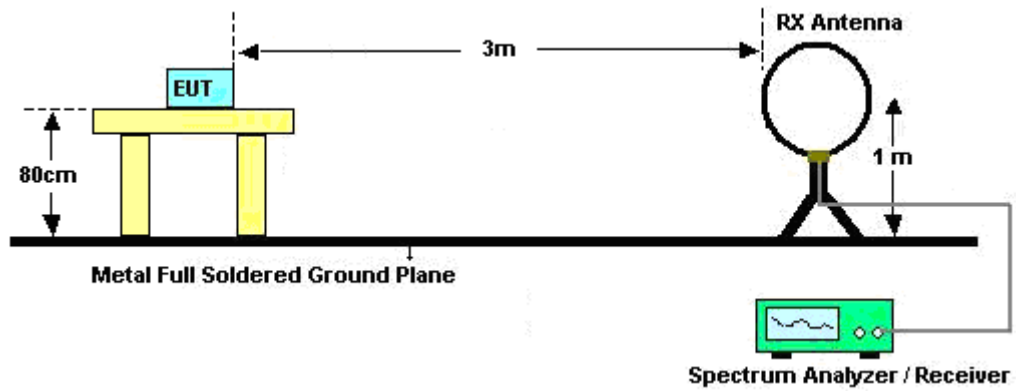
Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

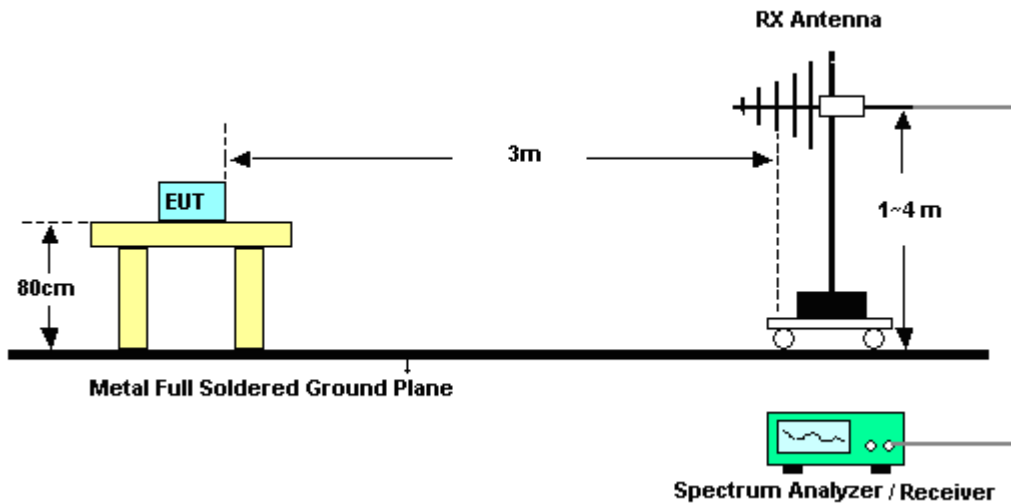
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.2.4 Test Setup

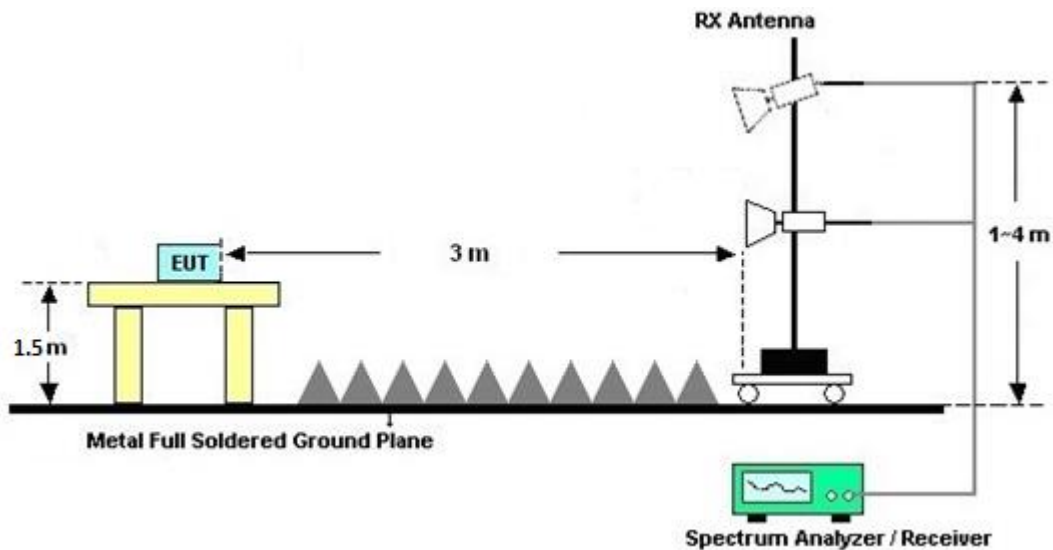
For radiated emissions below 30MHz



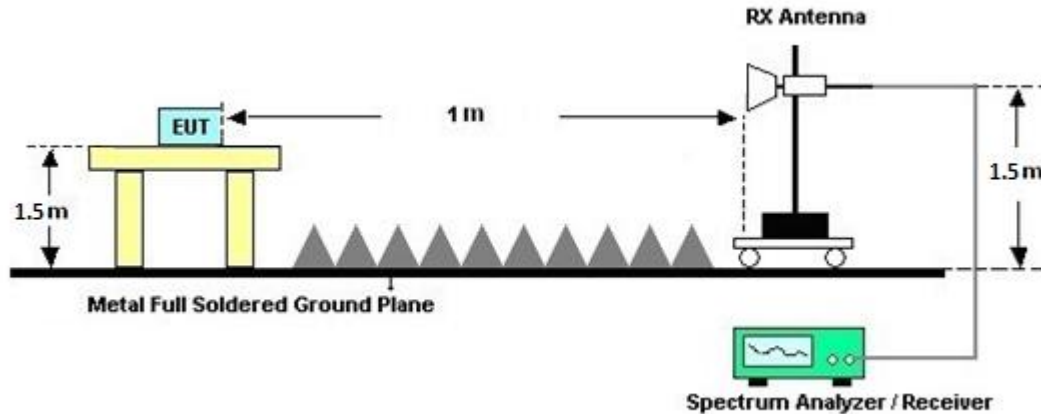
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.2.7 Duty Cycle

Please refer to Appendix D.

3.2.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.3 AC Conducted Emission Measurement

3.3.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (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

*Decreases with the logarithm of the frequency.

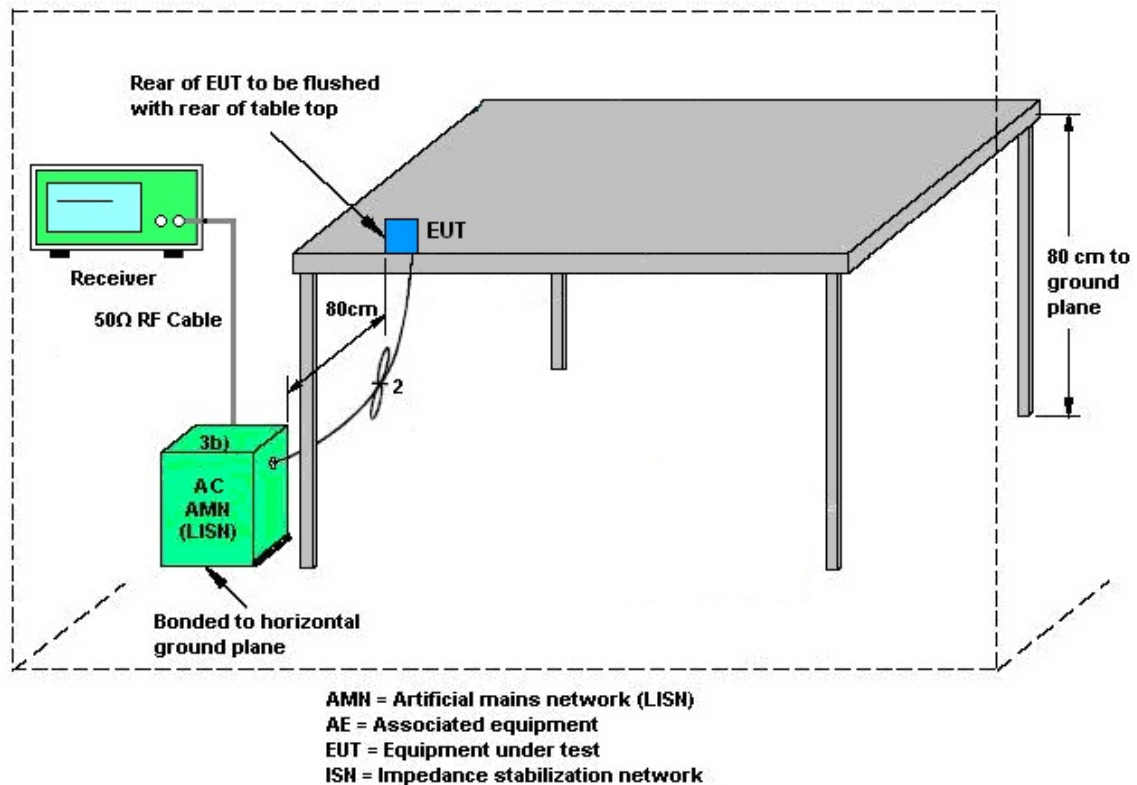
3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.3.4 Test Setup



3.3.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.4 Antenna Requirements

3.4.1 Standard Applicable

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.4.2 Antenna Anti-Replacement Construction

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Aug. 29, 2024	Mar. 07, 2025~ Mar. 09, 2025	Aug. 28, 2025	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N- 06	37059 & 01	30MHz~1GHz	Nov. 27, 2024	Mar. 07, 2025~ Mar. 09, 2025	Nov. 26, 2025	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 11, 2024	Mar. 07, 2025~ Mar. 09, 2025	Jul. 10, 2025	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz~40GHz	Nov. 18, 2024	Mar. 07, 2025~ Mar. 09, 2025	Nov. 17, 2025	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 20, 2024	Mar. 07, 2025~ Mar. 09, 2025	Mar. 19, 2025	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	Feb. 07, 2025	Mar. 07, 2025~ Mar. 09, 2025	Feb. 06, 2026	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18G -56-01-A70	EC1900269	1GHz~18GHz	Dec. 19, 2024	Mar. 07, 2025~ Mar. 09, 2025	Dec. 18, 2025	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2024	Mar. 07, 2025~ Mar. 09, 2025	Dec. 01, 2025	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Aug. 09, 2024	Mar. 07, 2025~ Mar. 09, 2025	Aug. 08, 2025	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 09, 2024	Mar. 07, 2025~ Mar. 09, 2025	Sep. 08, 2025	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700- 3000-18000-60 ST	SN2	3GHz High Pass Filter	Mar. 13, 2024	Mar. 07, 2025~ Mar. 09, 2025	Mar. 12, 2025	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLKS1200-12S S	SN2	1.2GHz Low Pass Filter	Mar. 13, 2024	Mar. 07, 2025~ Mar. 09, 2025	Mar. 12, 2025	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX6-7268-9 200-26500-40C D	SN1	9GHz High Pass Filter	May 21, 2024	Mar. 07, 2025~ Mar. 09, 2025	May 20, 2025	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX8-5872.5- 6750-18000-40 ST	SN2	6.75GHz High Pass Filter	Mar. 13, 2024	Mar. 07, 2025~ Mar. 09, 2025	Mar. 12, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 05, 2025	Mar. 07, 2025~ Mar. 09, 2025	Mar. 04, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 19, 2024	Mar. 07, 2025~ Mar. 09, 2025	Dec. 18, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Nov. 01, 2024	Mar. 07, 2025~ Mar. 09, 2025	Oct. 31, 2025	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM- KM-100	240907	30MHz~40GHz	Nov. 14, 2024	Mar. 07, 2025~ Mar. 09, 2025	Dec. 13, 2025	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 29, 2024	Mar. 07, 2025~ Mar. 09, 2025	Aug. 28, 2025	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 07, 2025~ Mar. 09, 2025	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Mar. 07, 2025~ Mar. 09, 2025	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 07, 2025~ Mar. 09, 2025	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Mar. 07, 2025~ Mar. 09, 2025	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Feb. 17, 2025~ Feb. 18, 2025	Oct. 31, 2025	Conducted (TH05-HY)
USB Power Sensor	DARE	RPR3008W	RPR8W-23010 013 (NO:100)	10MHz~8GHz	Jul. 26, 2024	Feb. 17, 2025~ Feb. 18, 2025	Jul. 25, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Aug. 14, 2024	Feb. 17, 2025~ Feb. 18, 2025	Aug. 13, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Feb. 17, 2025~ Feb. 18, 2025	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_v ersion_250114	N/A	Conducted Other Test Item	N/A	Feb. 17, 2025~ Feb. 18, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 05, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 05, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 23, 2024	Mar. 05, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Mar. 05, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 10, 2024	Mar. 05, 2025	Mar. 09, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Mar. 05, 2025	Sep. 22, 2025	Conduction (CO07-HY)



5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
--	--------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Beck Chen	Temperature:	21~25	°C
Test Date:	2025/2/17~2025/2/18	Relative Humidity:	51~54	%

Remark: For Conducted Test Items, Ant. 1 means Chain A (Aux.) and Ant. 2 means Chain B (Main).

TEST RESULTS DATA
EIRP Power Table

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE160	MCS0	2	015	6025	Full	9.80	9.20	12.52	3.49		16.01	24.00	Pass

TEST RESULTS DATA
EIRP Power Table

U-NII-6 straddle channel single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE160	MCS0	1	111	6505	Full	12.90	12.90		2.80	3.01	15.70	15.91	24.00	Pass



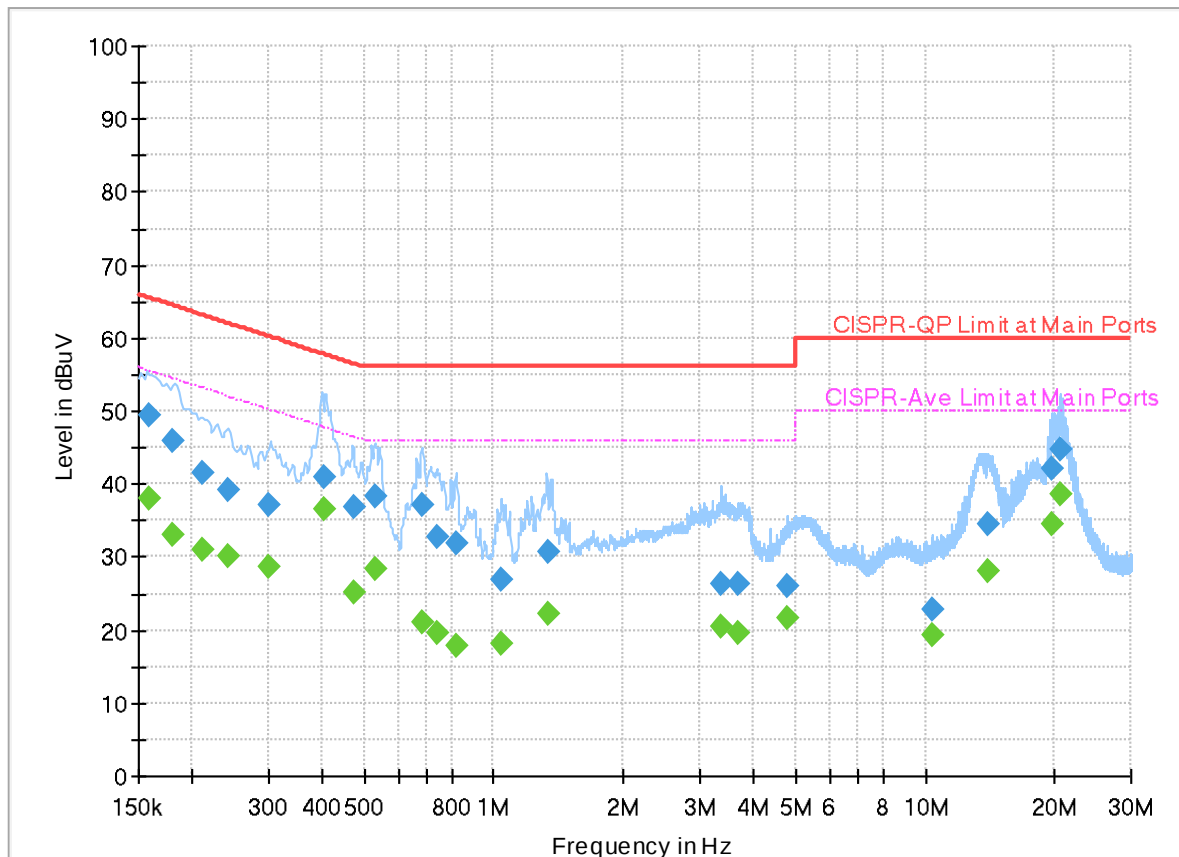
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	20.1~23.3℃
		Relative Humidity :	47.3~61.2%

EUT Information

Report NO : 521111
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

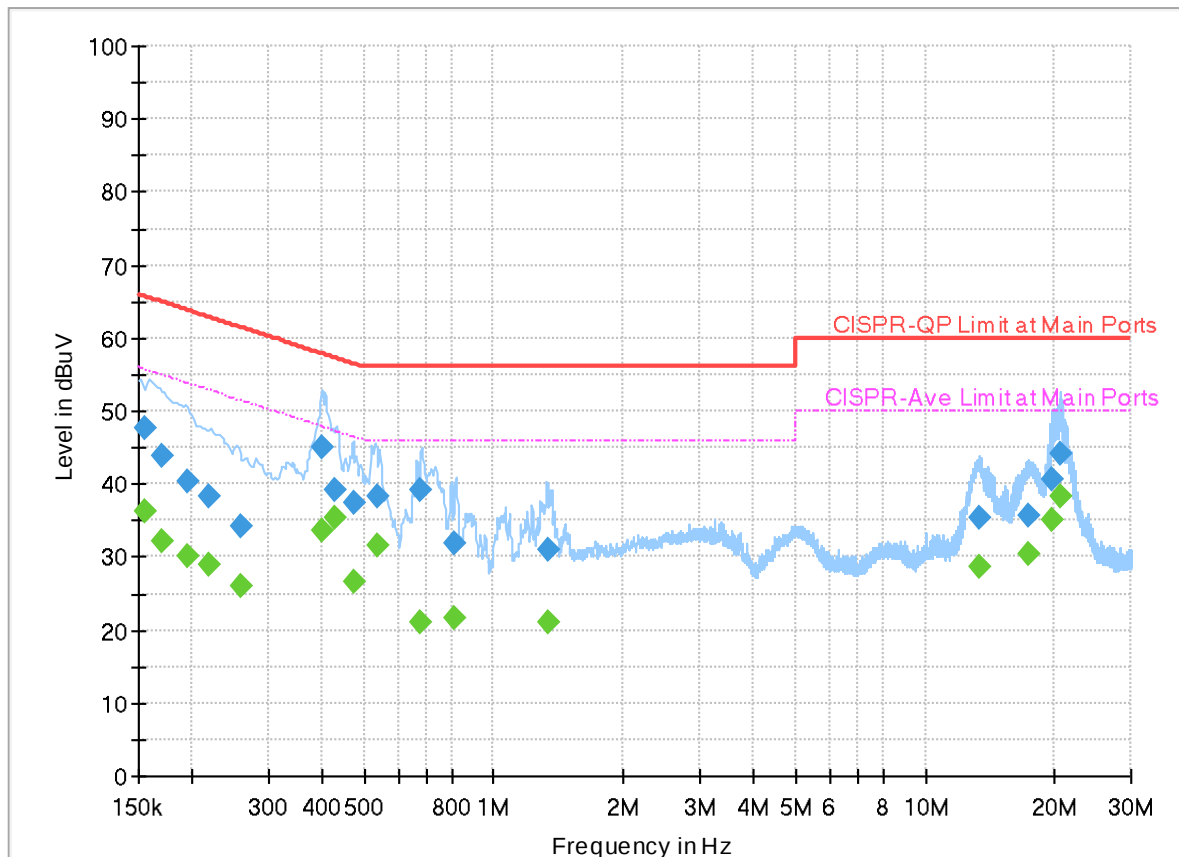
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.158100	---	38.14	55.56	17.42	---	55.56 3	17.4
0.158100	49.30	---	65.56	16.26	---	65.56 3	16.3
0.180960	---	33.04	54.44	21.40	---	54.44 1	21.4
0.180960	45.93	---	64.44	18.51	---	64.44 1	18.5
0.211920	---	30.89	53.13	22.24	---	53.13	22.2
0.211920	41.60	---	63.13	21.53	---	63.13	21.5
0.241620	---	30.21	52.04	21.83	---	52.04	21.8
0.241620	39.18	---	62.04	22.86	---	62.04	22.9
0.302190	---	28.80	50.18	21.38	---	50.18 2	21.4
0.302190	37.09	---	60.18	23.09	---	60.18 2	23.1
0.402000	---	36.54	47.81	11.27	---	47.81 2	11.3

0.402000	40.79	---	57.81	17.02	---	57.81 2	17.0
0.473820	---	25.24	46.45	21.21	---	46.44 7	21.2
0.473820	36.88	---	56.45	19.57	---	56.44 7	19.6
0.530880	---	28.36	46.00	17.64	---	46	17.6
0.530880	38.17	---	56.00	17.83	---	56	17.8
0.685500	---	20.96	46.00	25.04	---	46	25.0
0.685500	37.17	---	56.00	18.83	---	56	18.8
0.737340	---	19.66	46.00	26.34	---	46	26.3
0.737340	32.72	---	56.00	23.28	---	56	23.3
0.822750	---	17.76	46.00	28.24	---	46	28.2
0.822750	31.91	---	56.00	24.09	---	56	24.1
1.043250	---	18.11	46.00	27.89	---	46	27.9
1.043250	26.87	---	56.00	29.13	---	56	29.1
1.332150	---	22.17	46.00	23.83	---	46	23.8
1.332150	30.62	---	56.00	25.38	---	56	25.4
3.374250	---	20.44	46.00	25.56	---	46	25.6
3.374250	26.42	---	56.00	29.58	---	56	29.6
3.696000	---	19.50	46.00	26.50	---	46	26.5
3.696000	26.37	---	56.00	29.63	---	56	29.6
4.794000	---	21.58	46.00	24.42	---	46	24.4
4.794000	25.93	---	56.00	30.07	---	56	30.1
10.383000	---	19.32	50.00	30.68	---	50	30.7
10.383000	22.84	---	60.00	37.16	---	60	37.2
13.929000	---	28.11	50.00	21.89	---	50	21.9
13.929000	34.50	---	60.00	25.50	---	60	25.5
19.710780	---	34.54	50.00	15.46	---	50	15.5
19.710780	42.03	---	60.00	17.97	---	60	18.0
20.708160	---	38.74	50.00	11.26	---	50	11.3
20.708160	44.60	---	60.00	15.40	---	60	15.4

EUT Information

Report NO : 521111
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.154500	---	36.34	55.75	19.41	N	FLO	20.0
0.154500	47.79	---	65.75	17.96	N	FLO	20.0
0.170520	---	32.28	54.94	22.66	N	FLO	20.0
0.170520	44.00	---	64.94	20.94	N	FLO	20.0
0.194820	---	30.21	53.83	23.62	N	FLO	20.0
0.194820	40.40	---	63.83	23.43	N	FLO	20.0
0.218310	---	29.02	52.88	23.86	N	FLO	20.0
0.218310	38.28	---	62.88	24.60	N	FLO	20.0
0.258000	---	25.91	51.50	25.59	N	FLO	20.0
0.258000	34.15	---	61.50	27.35	N	FLO	20.0
0.397770	---	33.55	47.90	14.35	N	FLO	20.0
0.397770	45.08	---	57.90	12.82	N	FLO	20.0
0.429720	---	35.25	47.26	12.01	N	FLO	20.0
0.429720	39.23	---	57.26	18.03	N	FLO	20.0
0.474000	---	26.61	46.44	19.83	N	FLO	20.0
0.474000	37.46	---	56.44	18.98	N	FLO	20.0
0.535920	---	31.60	46.00	14.40	N	FLO	20.0
0.535920	38.24	---	56.00	17.76	N	FLO	20.0
0.678750	---	21.14	46.00	24.86	N	FLO	20.0

0.678750	39.30	---	56.00	16.70	N	FLO	20.0
0.811500	---	21.62	46.00	24.38	N	FLO	20.0
0.811500	31.91	---	56.00	24.09	N	FLO	20.0
1.331790	---	20.97	46.00	25.03	N	FLO	20.0
1.331790	31.14	---	56.00	24.86	N	FLO	20.0
13.318980	---	28.55	50.00	21.45	N	FLO	20.5
13.318980	35.44	---	60.00	24.56	N	FLO	20.5
17.371050	---	30.46	50.00	19.54	N	FLO	20.7
17.371050	35.62	---	60.00	24.38	N	FLO	20.7
19.708530	---	35.21	50.00	14.79	N	FLO	20.8
19.708530	40.70	---	60.00	19.30	N	FLO	20.8
20.708250	---	38.23	50.00	11.77	N	FLO	20.8
20.708250	44.24	---	60.00	15.76	N	FLO	20.8



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng, Tim Lee and Wilson Wu	Temperature(°C):	20~25 °C
		Relative Humidity(%):	50~60 %

Remark: For Radiated Spurious Emission Test Data, Ant. 1 means Chain A (Aux.) and Ant. 2 means Chain B (Main).

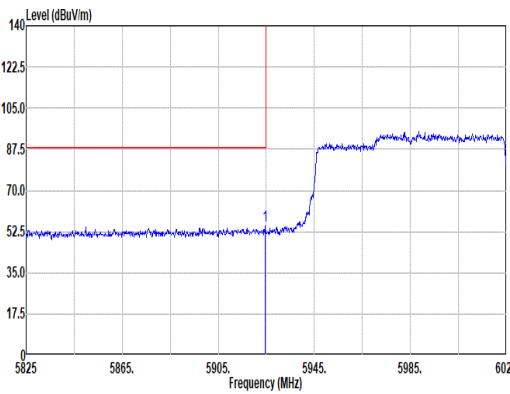
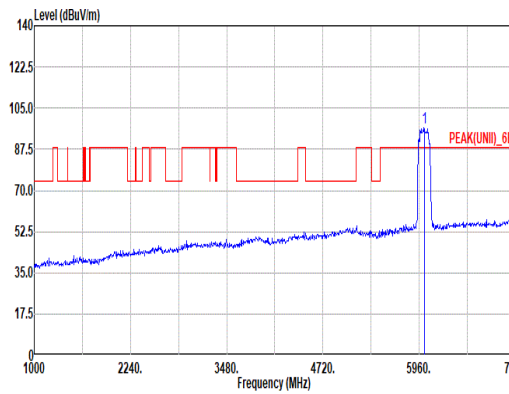
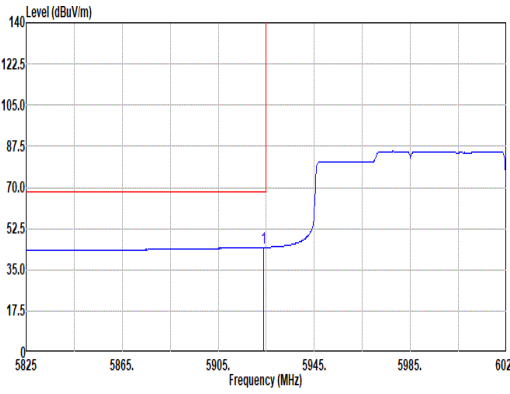
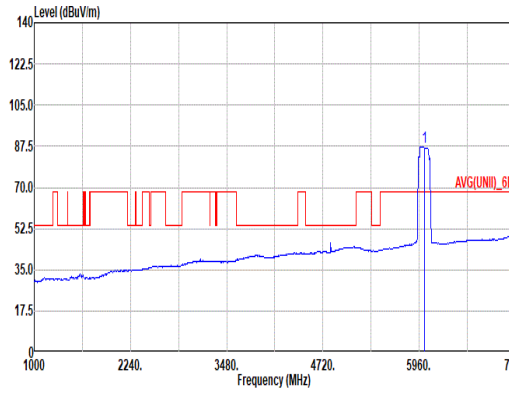
C1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-5	5.925-6.425	1+2	802.11ax HE160	15	6025	MCS0	Full RU	-
Mode 2	U-NII-5	5.925-6.425	1+2	802.11ax HE160	15	6025	MCS0	Full RU	LF

C2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11ax HE160	15	5924.00	44.59	68.20	-23.61	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE160	15	12050.00	40.59	54.00	-13.41	V	Avg.	Pass	Full RU	Harmonic
2	802.11ax HE160	15	740.04	38.72	46.00	-7.28	V	Peak	Pass	Full RU	LF

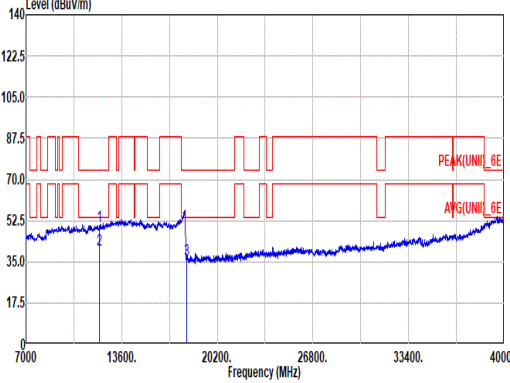
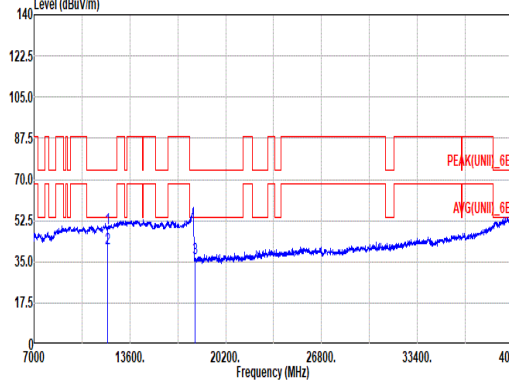


Mode	1																																																																																																		
	Band Edge																																																																																																		
	U-NII-5_5.925-6.425_802.11ax HE160_CH15_Full RU_6025MHz																																																																																																		
ANT	1+2																																																																																																		
Pol.	Horizontal						Fundamental																																																																																												
Peak																																																																																																			
	Site : 03CH12-HY Condition: PEAK_BE(UNII)_6E 3m 91200-02114-240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5924.60</td><td>54.87</td><td>88.20</td><td>-33.33</td><td>43.83</td><td>34.30</td><td>10.78</td><td>34.04</td><td>0.00</td><td>100</td><td>28</td><td>PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5924.60	54.87	88.20	-33.33	43.83	34.30	10.78	34.04	0.00	100	28	PEAK	Site : 03CH12-HY Condition: PEAK(UNII)_6E 3m 91200-02114-240711 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>6025.00</td><td>96.81</td><td>-----</td><td>-----</td><td>85.72</td><td>34.23</td><td>10.91</td><td>34.05</td><td>0.00</td><td>100</td><td>28</td><td>PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	6025.00	96.81	-----	-----	85.72	34.23	10.91	34.05	0.00	100	28
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																										
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1	6025.00	96.81	-----	-----	85.72	34.23	10.91	34.05	0.00	100	28	PEAK																																																																																							
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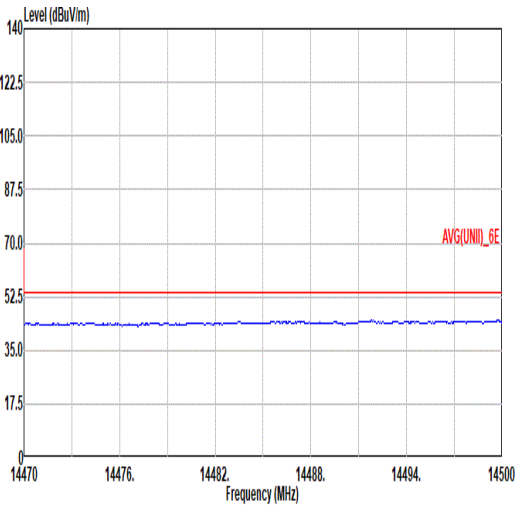
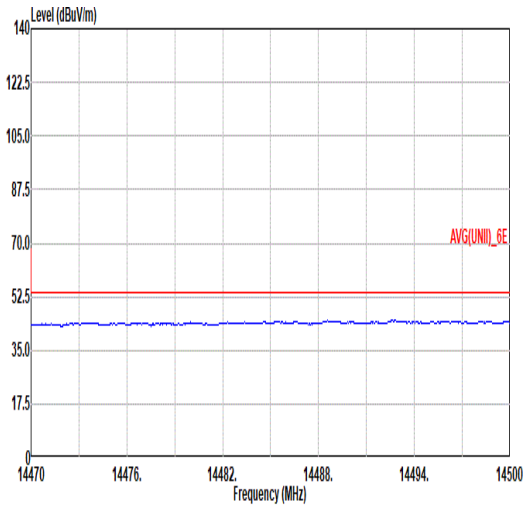


Mode	1																																																																																									
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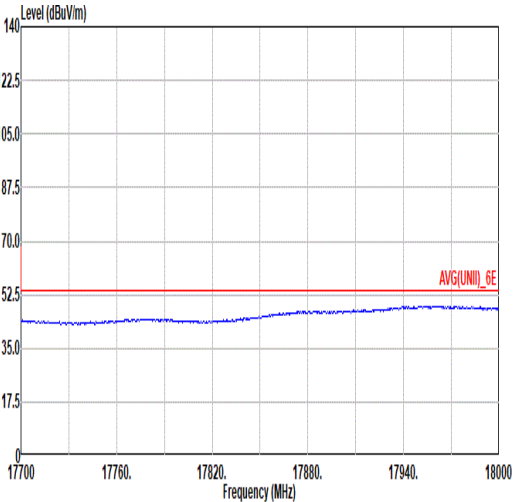
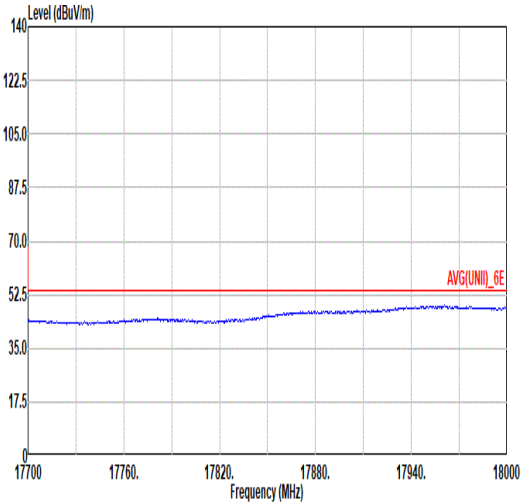
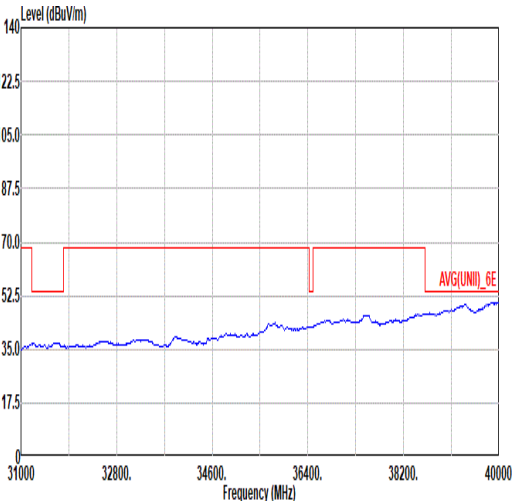
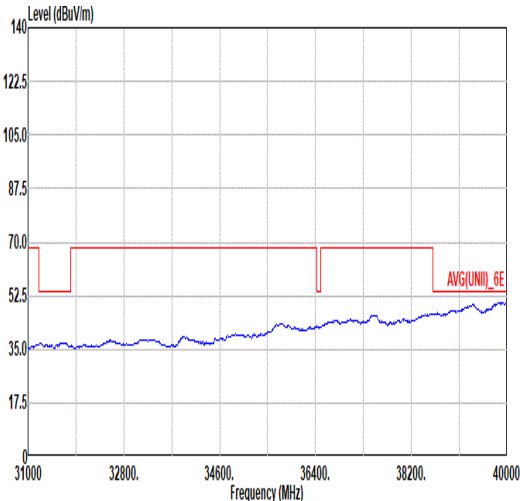


Mode	1																																																																																																																																													
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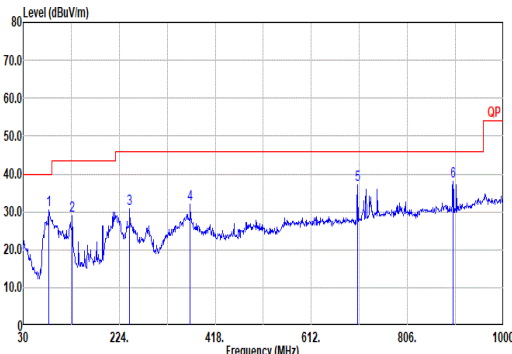
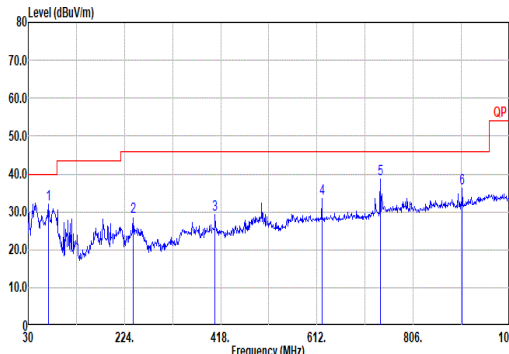


Mode	1	
	Harmonic	
	U-NII-5_5.925-6.425_802.11ax HE160_CH15_Full RU_6025MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG(UNII)_6E 3m 91280-92114-240711 HORIZONTAL	 Site : 03CH12-HY Condition: AVG(UNII)_6E 3m 91280-92114-240711 VERTICAL



Mode	1	
	Harmonic	
	U-NII-5_5.925-6.425_802.11ax HE160_CH15_Full RU_6025MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG(UNII)_6E 3m 91280-92114-240711 HORIZONTAL	 Site : 03CH12-HY Condition: AVG(UNII)_6E 3m 91280-92114-240711 VERTICAL
	 Site : 03CH12-HY Condition: AVG(UNII)_6E 1m 88H9170_1223_240622 HORIZONTAL	 Site : 03CH12-HY Condition: AVG(UNII)_6E 1m 88H9170_1223_240622 VERTICAL



Mode	2																																																																																																																																																																																																																							
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QP/ Peak																																																																																																																																																																																																																								
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	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>82.38</td><td>30.59</td><td>40.00</td><td>-9.41</td><td>45.24</td><td>13.91</td><td>1.27</td><td>29.90</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>128.94</td><td>29.08</td><td>43.50</td><td>-14.42</td><td>39.59</td><td>17.68</td><td>1.57</td><td>29.88</td><td>0.12</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>245.34</td><td>30.78</td><td>46.00</td><td>-15.22</td><td>40.17</td><td>18.03</td><td>2.15</td><td>29.68</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>367.56</td><td>31.92</td><td>46.00</td><td>-14.08</td><td>37.57</td><td>21.01</td><td>2.68</td><td>29.49</td><td>0.15</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>705.12</td><td>37.27</td><td>46.00</td><td>-8.73</td><td>35.42</td><td>26.84</td><td>3.71</td><td>29.00</td><td>0.30</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>898.15</td><td>38.06</td><td>46.00</td><td>-7.94</td><td>32.88</td><td>29.20</td><td>4.16</td><td>28.52</td><td>0.34</td><td>--</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	82.38	30.59	40.00	-9.41	45.24	13.91	1.27	29.90	0.07	--	Peak	2	128.94	29.08	43.50	-14.42	39.59	17.68	1.57	29.88	0.12	--	Peak	3	245.34	30.78	46.00	-15.22	40.17	18.03	2.15	29.68	0.11	--	Peak	4	367.56	31.92	46.00	-14.08	37.57	21.01	2.68	29.49	0.15	--	Peak	5	705.12	37.27	46.00	-8.73	35.42	26.84	3.71	29.00	0.30	--	Peak	6	898.15	38.06	46.00	-7.94	32.88	29.20	4.16	28.52	0.34	--	Peak	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>70.74</td><td>31.88</td><td>40.00</td><td>-8.12</td><td>47.90</td><td>12.61</td><td>1.18</td><td>29.89</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>241.46</td><td>28.53</td><td>46.00</td><td>-17.47</td><td>38.41</td><td>17.57</td><td>2.13</td><td>29.69</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>406.36</td><td>29.39</td><td>46.00</td><td>-16.61</td><td>33.71</td><td>22.17</td><td>2.77</td><td>29.43</td><td>0.17</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>621.70</td><td>33.46</td><td>46.00</td><td>-12.54</td><td>32.36</td><td>26.46</td><td>3.49</td><td>29.10</td><td>0.25</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>740.04</td><td>38.72</td><td>46.00</td><td>-7.28</td><td>35.27</td><td>28.31</td><td>3.76</td><td>28.95</td><td>0.33</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>904.94</td><td>36.13</td><td>46.00</td><td>-9.87</td><td>30.76</td><td>29.33</td><td>4.18</td><td>28.49</td><td>0.35</td><td>--</td><td>Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	70.74	31.88	40.00	-8.12	47.90	12.61	1.18	29.89	0.08	--	Peak	2	241.46	28.53	46.00	-17.47	38.41	17.57	2.13	29.69	0.11	--	Peak	3	406.36	29.39	46.00	-16.61	33.71	22.17	2.77	29.43	0.17	--	Peak	4	621.70	33.46	46.00	-12.54	32.36	26.46	3.49	29.10	0.25	--	Peak	5	740.04	38.72	46.00	-7.28	35.27	28.31	3.76	28.95	0.33	--	Peak	6	904.94	36.13	46.00	-9.87	30.76	29.33	4.18	28.49	0.35	--
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																															
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1	82.38	30.59	40.00	-9.41	45.24	13.91	1.27	29.90	0.07	--	Peak																																																																																																																																																																																																													
2	128.94	29.08	43.50	-14.42	39.59	17.68	1.57	29.88	0.12	--	Peak																																																																																																																																																																																																													
3	245.34	30.78	46.00	-15.22	40.17	18.03	2.15	29.68	0.11	--	Peak																																																																																																																																																																																																													
4	367.56	31.92	46.00	-14.08	37.57	21.01	2.68	29.49	0.15	--	Peak																																																																																																																																																																																																													
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																																																																																																																														
1	70.74	31.88	40.00	-8.12	47.90	12.61	1.18	29.89	0.08	--	Peak																																																																																																																																																																																																													
2	241.46	28.53	46.00	-17.47	38.41	17.57	2.13	29.69	0.11	--	Peak																																																																																																																																																																																																													
3	406.36	29.39	46.00	-16.61	33.71	22.17	2.77	29.43	0.17	--	Peak																																																																																																																																																																																																													
4	621.70	33.46	46.00	-12.54	32.36	26.46	3.49	29.10	0.25	--	Peak																																																																																																																																																																																																													
5	740.04	38.72	46.00	-7.28	35.27	28.31	3.76	28.95	0.33	--	Peak																																																																																																																																																																																																													
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Appendix D. Duty Cycle Plots

Chain	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
A+B	6GHz 802.11ax HE160 Full RU	98.30	-	-	10Hz

MIMO <Chain A+B>

