



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2623-1
FCC ID : IHDT56AT1
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Oct. 12, 2025 ~ Nov. 02, 2025

We, Sporton International Inc. (ShenZhen), 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 report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Fly Liang

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR482104-18E	Rev. 01	Initial issue of report	Nov. 21, 2025



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit for U-NII-1/2A/2C	Limit for U-NII-3	Result	Remark
3.1	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	≤ 30 dBm	Pass	-
3.2	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	15.407(b)(4)(i) & 15.209(a)	Pass	Under limit 3.47 dB at 5149.94 MHz
3.3	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	15.203 & 15.407(a)	Pass	-

Remark: This is a variant report for XT2623-1. The change note could be the XT2623-1_Operational Description of referred to the product equality declaration which is exhibit separately. According to the differences, only the related test cases were verified from original test report (Sporton Report Number FR482104E).

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.



1 General Description

1.1 Applicant

Motorola Mobility LLC

222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

1.2 Manufacturer

Motorola Mobility LLC

222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2623-1
FCC ID	IHDT56AT1
IMEI Code	Conducted: 350084460013519/350084460013527 Radiation: 350084460004674/4682 for Sample 1 350084460013097/3105 for Sample 2 350084460018252/8260 for Sample 3
HW Version	DVT2
SW Version	VVTB35.5
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. There are four types of EUT, the differences could be referred to the XT2623-1_Operational Description of Product Equality Declaration which is exhibit separately. According to the difference, we chose sample 1 to perform full test and the sample 2/3 is verified for the difference, the sample 4 is no tested.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz 5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	<5180 MHz ~ 5240 MHz> 802.11a : 17.15 dBm / 0.0519 W 802.11n HT20 : 17.08 dBm / 0.0511 W 802.11n HT40 : 16.35 dBm / 0.0432 W 802.11ac VHT80: 12.75 dBm / 0.0188 W <5260 MHz ~ 5320 MHz> 802.11a : 17.16 dBm / 0.0520 W 802.11n HT20 : 17.20 dBm / 0.0525 W 802.11n HT40 : 16.55 dBm / 0.0452 W 802.11ac VHT80: 12.15 dBm / 0.0164 W <5500 MHz ~ 5720 MHz > 802.11a : 17.08 dBm / 0.0511 W 802.11n HT20 : 16.81 dBm / 0.0480 W 802.11n HT40 : 16.42 dBm / 0.0439 W 802.11ac VHT80: 15.45 dBm / 0.0351 W <5745 MHz ~ 5825 MHz> 802.11a : 16.90 dBm / 0.0490 W 802.11n HT20 : 16.78 dBm / 0.0476 W 802.11n HT40 : 16.33 dBm / 0.0430 W 802.11ac VHT80: 15.12 dBm / 0.0325 W
Antenna Type / Gain	<5180 MHz ~ 5240 MHz> PIFA Antenna with gain -5.0 dBi <5260 MHz ~ 5320 MHz> PIFA Antenna with gain -5.0 dBi <5500 MHz ~ 5720 MHz> PIFA Antenna with gain -5.0 dBi <5745 MHz ~ 5825 MHz> PIFA Antenna with gain -5.0 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing has assessed only 802.11n HT20/ HT40 by referring to their higher conducted power.

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ 03CH04-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

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

- ♦ 47 CFR Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ ANSI C63.10-2020

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The standard of ANSI C63.10-2013 updated to ANSI C63.10-2020, the difference is not affect on test results of this device.

1.9 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola(AOHAI)	Model Name	MC-201L
AC Adapter 1(EU)	Brand Name	Motorola(AOHAI)	Model Name	MC-202L
AC Adapter 1(UK)	Brand Name	Motorola(AOHAI)	Model Name	MC-203L
AC Adapter 1(IN)	Brand Name	Motorola(AOHAI)	Model Name	MC-204
AC Adapter 1(AU)	Brand Name	Motorola(AOHAI)	Model Name	MC-205L
AC Adapter 1(AR)	Brand Name	Motorola(AOHAI)	Model Name	MC-206L
AC Adapter 1(PRC)	Brand Name	Motorola(AOHAI)	Model Name	MC-208L
AC Adapter 1(CHILE)	Brand Name	Motorola(AOHAI)	Model Name	MC-209L
AC Adapter 2(US)	Brand Name	Motorola(SALCOMP)	Model Name	MC-201L
AC Adapter 2(EU)	Brand Name	Motorola(SALCOMP)	Model Name	MC-202L
AC Adapter 2(UK)	Brand Name	Motorola(SALCOMP)	Model Name	MC-203L
AC Adapter 2(AU)	Brand Name	Motorola(SALCOMP)	Model Name	MC-205L
AC Adapter 2(AR)	Brand Name	Motorola(SALCOMP)	Model Name	MC-206L
AC Adapter 2(BR)	Brand Name	Motorola(SALCOMP)	Model Name	MC-207L
AC Adapter 2(PRC)	Brand Name	Motorola(SALCOMP)	Model Name	MC-208L
AC Adapter 2(CHILE)	Brand Name	Motorola(SALCOMP)	Model Name	MC-209L
AC Adapter 3(US)	Brand Name	Motorola(CHENYANG)	Model Name	MC-201L
AC Adapter 3(EU)	Brand Name	Motorola(CHENYANG)	Model Name	MC-202L
AC Adapter 3(AR)	Brand Name	Motorola(CHENYANG)	Model Name	MC-206L
AC Adapter 3(BR)	Brand Name	Motorola(CHENYANG)	Model Name	MC-207L
Battery 1	Brand Name	Motorola(ATL)	Model Name	RL52
Battery 2	Brand Name	Motorola(COSMX)	Model Name	RL52
Battery 3	Brand Name	Motorola(SUNWODA)	Model Name	RL52
USB Cable 1	Brand Name	Motorola(Yihuaxing)	Model Name	T365-020 T365-020-01 T365-020-02
USB Cable 2	Brand Name	Motorola(WASHIN)	Model Name	HX-TL-01 HX-TL-08 HX-TL-07
USB Cable 3	Brand Name	Motorola(Juwei)	Model Name	JWUB1614-T03H JWUB1705-T03H JWUB1856-T03H
USB Cable 4	Brand Name	Motorola(I-SHENG)	Model Name	SC18D38574

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: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5180-5240 MHz U-NII-1	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210	-	-
Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5260-5320 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290	-	-
Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5500-5720MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700
Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
5745-5825 MHz U-NII-3	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155 [#]	5775	165	5825

Frequency Band	Channel	Freq.(MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122 [#]	5610	128	5640
	-	-	114 ^{##}	5570

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138 [#]	5690	144	5720
	142*	5710	-	-

Note:

1. The above Frequency and Channel in "*" are 40MHz bandwidth.
2. The above Frequency and Channel in "[#]" are 80MHz bandwidth.

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

RSE Co-location
Bluetooth LE(2 Mbps) CH38_TX + 802.11a CH36 5180 + LTE Band 13 link



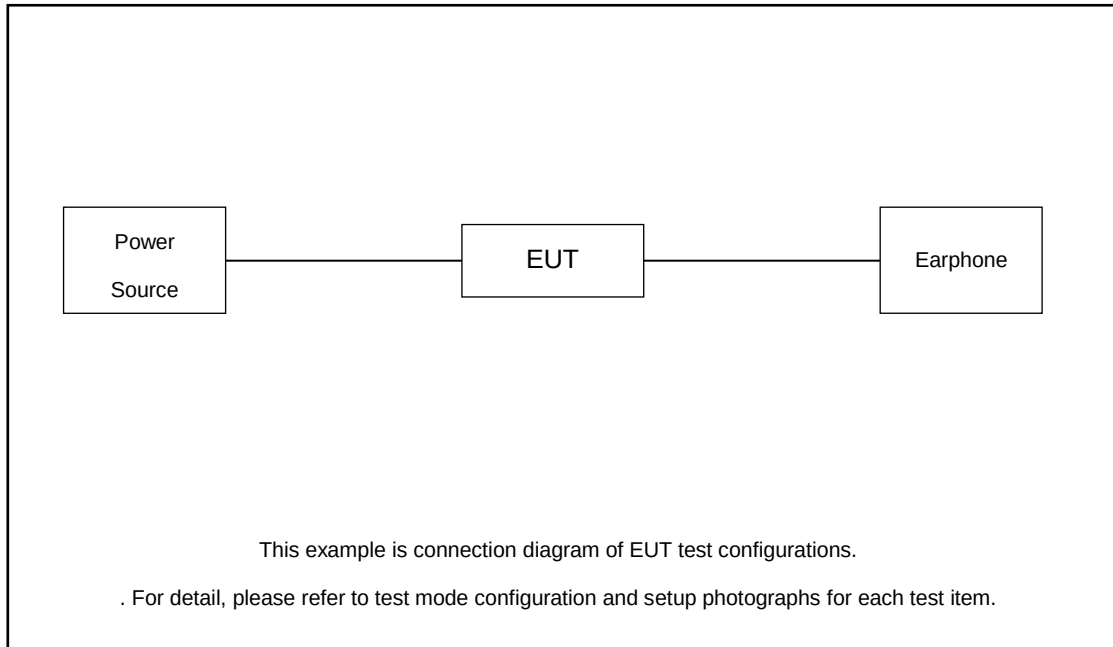
Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		20M BW	20M BW	20M BW	20M BW
L	Low	36	52	100	149
M	Middle	44	60	116	157
H	High	48	64	140	165
Straddle		-	-	144	-

Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		40M BW	40M BW	40M BW	40M BW
L	Low	38	54	102	151
M	Middle	-	-	110	-
H	High	46	62	134	159
Straddle		-	-	142	-

Ch. #		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
		80M BW	80M BW	80M BW	80M BW
L	Low	-	-	106	-
M	Middle	42	58	-	155
H	High	-	-	-	-
Straddle		-	-	138	-

2.3 Connection Diagram of Test System

For Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	N/A	N/A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuously transmit.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable 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.

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log₁₀ B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.47–5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 + 10 log₁₀ B, dBm. The maximum e.i.r.p. shall not exceed the lesser of 1.0 W or 17 + 10 log₁₀ B, dBm. B is the 99% emission bandwidth in megahertz.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

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3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

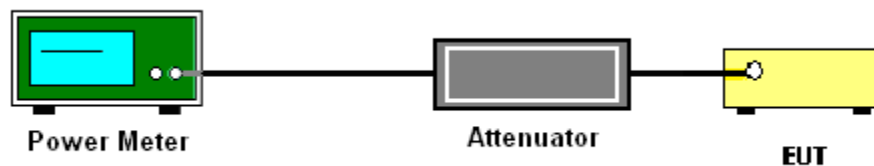
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part 15.205.

3.2.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz .

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz . Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz .

- (2) For transmitters operating in the 5.725-5.85 GHz band:
- 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 25 MHz 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 27 dBm/MHz at the band edge.

(3) 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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.2

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

$$EIRP = E_{Meas} + 20\log (d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

3.2.2 Measuring Instruments

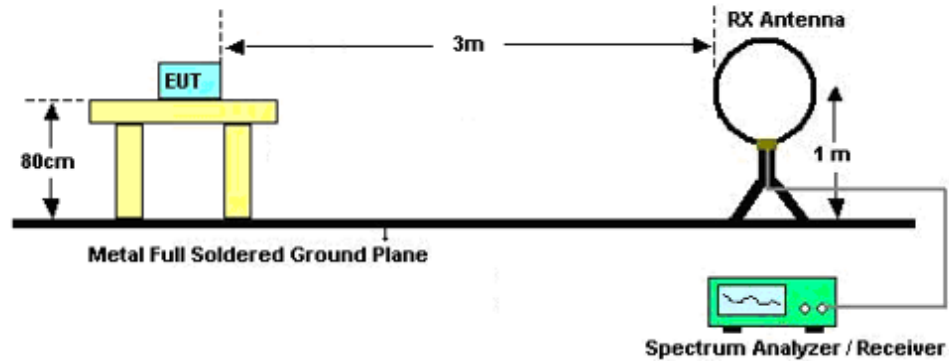
The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

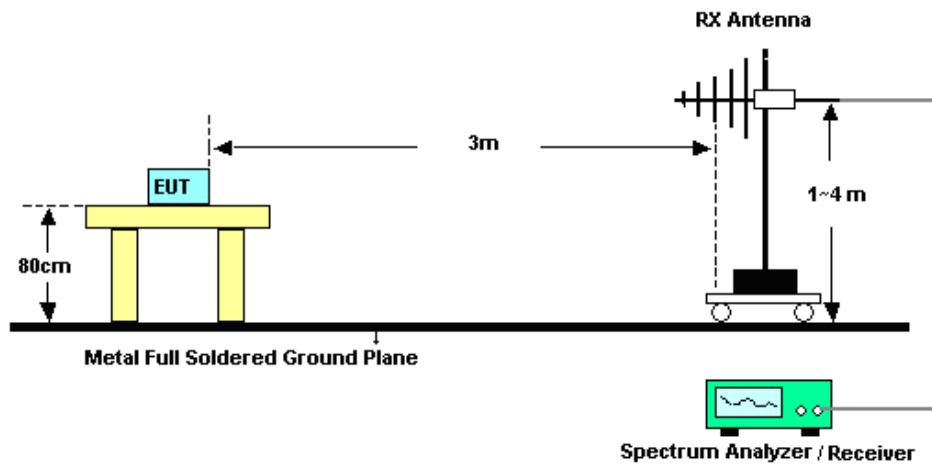
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold(2) Procedure for Peak Unwanted 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.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was 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 was 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. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.2.4 Test Setup

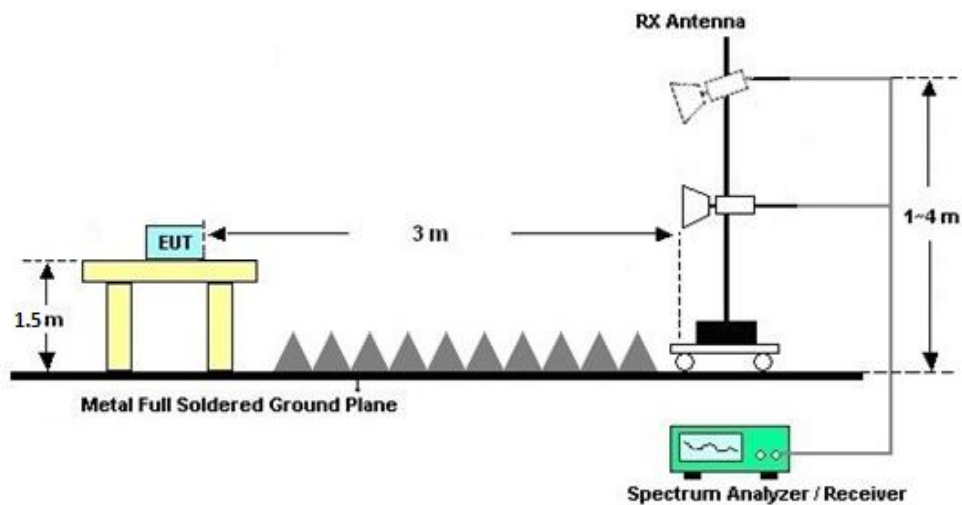
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.2.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.



3.3 Antenna Requirements

3.3.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2), if transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 14, 2025	Oct. 15, 2025~ Nov. 02, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Oct. 15, 2025~ Nov. 02, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Oct. 15, 2025~ Nov. 02, 2025	Dec. 27, 2025	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Apr. 21, 2025	Oct. 15, 2025~ Nov. 02, 2025	Apr. 20, 2026	Radiation (03CH04-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240057	1GHz~18GHz	Jul. 03, 2025	Oct. 15, 2025~ Nov. 02, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 04, 2025	Oct. 15, 2025~ Nov. 02, 2025	Jul. 03, 2026	Radiation (03CH04-SZ)
LF Amplifier	EM Electronics	EM330	060773	20MHz~3GHz	Apr. 02, 2025	Oct. 15, 2025~ Nov. 02, 2025	Apr. 01, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2025	Oct. 15, 2025~ Nov. 02, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-H G	1871923	18GHz~40GHz	Jul. 03, 2025	Oct. 15, 2025~ Nov. 02, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY57280136	500MHz~26.5G Hz	Jul. 03, 2025	Oct. 15, 2025~ Nov. 02, 2025	Jul. 02, 2026	Radiation (03CH04-SZ)
AC Power Source	APC	AFV-S-600B	F119050019	N/A	Oct. 14, 2025	Oct. 15, 2025~ Nov. 02, 2025	Oct. 13, 2026	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Oct. 15, 2025~ Nov. 02, 2025	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Oct. 15, 2025~ Nov. 02, 2025	NCR	Radiation (03CH04-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Oct. 12, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Oct. 12, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 14, 2024	Oct. 12, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Thermo meter	Anymetre	JR593	#7	- 10°C ~ 50°C 10%RH~99%RH	Apr. 03, 2025	Oct. 12, 2025	Apr. 02, 2026	Conducted (TH01-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	± 1.34 dB

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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

----- THE END -----



Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Sam Zheng	Temperature:	21~25	°C
Test Date:	2025/10/12	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

FCC Band I											
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail	Power Setting
11a	6Mbps	1	36	5180	0.00	16.03	24.00	-5.00		Pass	16.5
11a	6Mbps	1	44	5220	0.00	17.15	24.00	-5.00		Pass	17.5
11a	6Mbps	1	48	5240	0.00	17.10	24.00	-5.00		Pass	17.5
HT20	MCS0	1	36	5180	0.00	16.00	24.00	-5.00		Pass	16.5
HT20	MCS0	1	44	5220	0.00	17.08	24.00	-5.00		Pass	17.5
HT20	MCS0	1	48	5240	0.00	16.88	24.00	-5.00		Pass	17.5
HT40	MCS0	1	38	5190	0.00	13.82	24.00	-5.00		Pass	14.5
HT40	MCS0	1	46	5230	0.00	16.35	24.00	-5.00		Pass	17
VHT80	MCS0	1	42	5210	0.00	12.75	24.00	-5.00		Pass	13.5

TEST RESULTS DATA
Average Power Table

FCC Band II											Power Setting
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	
11a	6M bps	1	52	5260	0.00	17.16	23.98	-5.00	26.99	Pass	17.5
11a	6M bps	1	60	5300	0.00	17.13	23.98	-5.00	26.99	Pass	17.5
11a	6M bps	1	64	5320	0.00	15.15	23.98	-5.00	26.99	Pass	15.5
HT20	MCS 0	1	52	5260	0.00	17.00	23.98	-5.00	26.99	Pass	17.5
HT20	MCS 0	1	60	5300	0.00	17.20	23.98	-5.00	26.99	Pass	17.5
HT20	MCS 0	1	64	5320	0.00	14.90	23.98	-5.00	26.99	Pass	15.5
HT40	MCS 0	1	54	5270	0.00	16.55	23.98	-5.00	26.99	Pass	17
HT40	MCS 0	1	62	5310	0.00	13.78	23.98	-5.00	26.99	Pass	14.5
VHT80	MCS 0	1	58	5290	0.00	12.15	23.98	-5.00	26.99	Pass	13

TEST RESULTS DATA
Average Power Table

FCC Band III											Power Setting
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	
11a	6M bps	1	100	5500	0.00	14.58	23.98	-5.00	26.99	Pass	15
11a	6M bps	1	116	5580	0.00	17.08	23.98	-5.00	26.99	Pass	17.5
11a	6M bps	1	140	5700	0.00	12.58	23.98	-5.00	26.99	Pass	13
11a	6M bps	1	144	5720	0.00	16.86	23.98	-5.00	26.99	Pass	17.5
HT20	MCS 0	1	100	5500	0.00	14.52	23.98	-5.00	26.99	Pass	15
HT20	MCS 0	1	116	5580	0.00	16.73	23.98	-5.00	26.99	Pass	17.5
HT20	MCS 0	1	140	5700	0.00	12.45	23.98	-5.00	26.99	Pass	13
HT20	MCS 0	1	144	5720	0.00	16.81	23.98	-5.00	26.99	Pass	17.5
HT40	MCS 0	1	102	5510	0.00	14.40	23.98	-5.00	26.99	Pass	15
HT40	MCS 0	1	110	5550	0.00	16.33	23.98	-5.00	26.99	Pass	17
HT40	MCS 0	1	134	5670	0.00	15.78	23.98	-5.00	26.99	Pass	16.5
HT40	MCS 0	1	142	5710	0.00	16.42	23.98	-5.00	26.99	Pass	17
VHT80	MCS 0	1	106	5530	0.00	14.68	23.98	-5.00	26.99	Pass	15.5
VHT80	MCS 0	1	122	5610	0.00	15.20	23.98	-5.00	26.99	Pass	16
VHT80	MCS 0	1	138	5690	0.00	15.45	23.98	-5.00	26.99	Pass	16

TEST RESULTS DATA
Average Power Table

Band IV										
Mod.	Data Rate	N _{Tx}	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/Fail
11a	6M bps	1	149	5745	0.00	16.90	30.00	-5.00		Pass
11a	6Mbps	1	157	5785	0.00	16.73	30.00	-5.00		Pass
11a	6Mbps	1	165	5825	0.00	16.71	30.00	-5.00		Pass
HT20	MCS 0	1	149	5745	0.00	16.78	30.00	-5.00		Pass
HT20	MCS 0	1	157	5785	0.00	16.70	30.00	-5.00		Pass
HT20	MCS 0	1	165	5825	0.00	16.72	30.00	-5.00		Pass
HT40	MCS 0	1	151	5755	0.00	16.33	30.00	-5.00		Pass
HT40	MCS 0	1	159	5795	0.00	16.30	30.00	-5.00		Pass
VHT80	MCS 0	1	155	5775	0.00	15.12	30.00	-5.00		Pass
										Setting
										17.5
										17.5
										17.5
										17.5
										17.5
										17
										17
										16



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Winter	Relative Humidity :	48~49%
		Temperature :	24~25℃

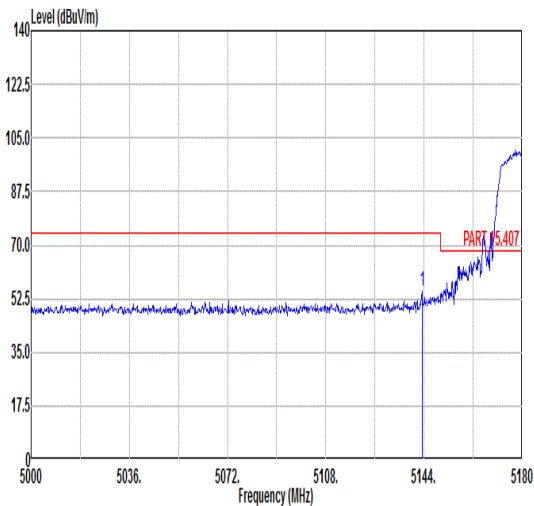
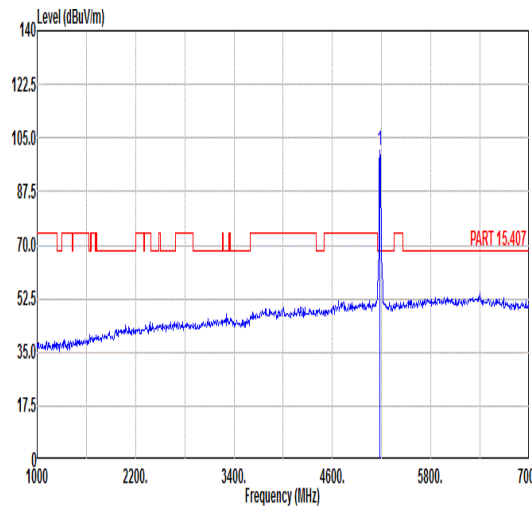
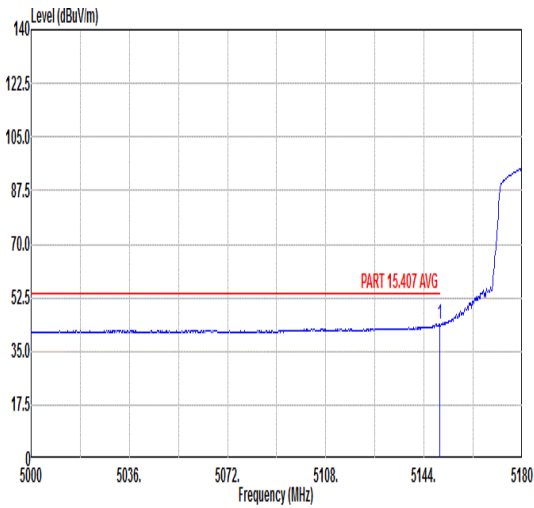
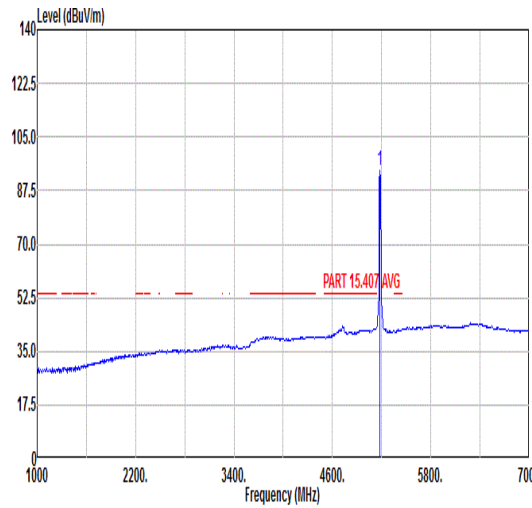
Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	5	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-3	5.725-5.85	5	802.11ac VHT80	155	5775	MCS0	-	-
Mode 4	U-NII-1	5.15-5.25	5	802.11a	36	5180	6Mbps	-	-
Mode 5	U-NII-1	5.15-5.25	5	802.11a	36	5180	6Mbps	-	-
Mode 6	U-NII-1	5.15-5.25	5	802.11a	36	5180	6Mbps	-	-
Mode 7	U-NII-3	5.725-5.85	5	802.11ac VHT80	155	5775	MCS0	-	-
Mode 8 Co-location	U-NII-1	5.15-5.25	5	802.11a	36	5180	6Mbps	-	-
	BLE	2400-2483.5	5	Bluetooth-LE	38	2478	2Mbps	-	-
	WWAN	LTE	0	B13Link	-	-	-	-	-

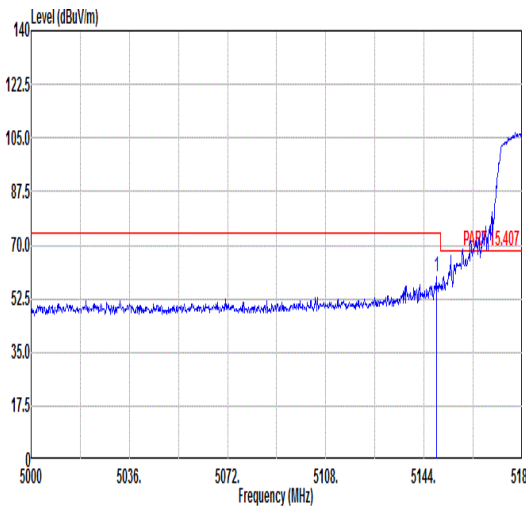
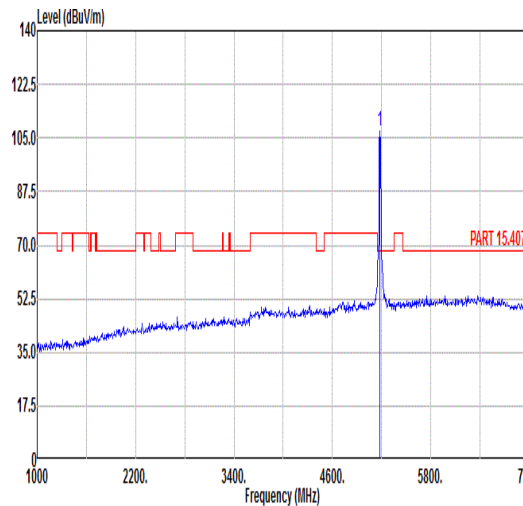
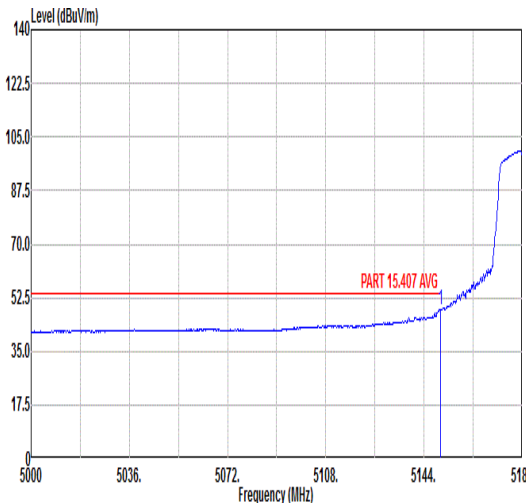
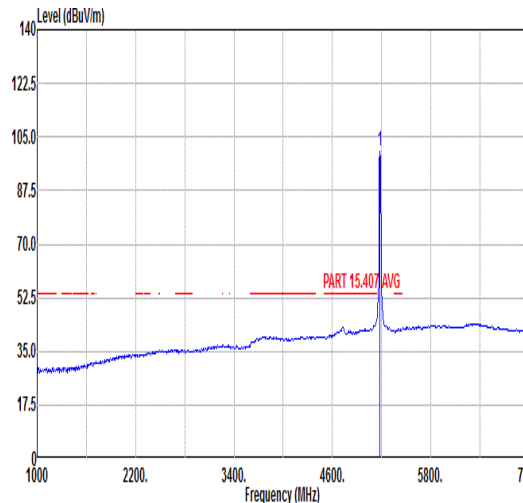
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.94	48.83	54.00	-5.17	V	AVERAGE	Pass	Band Edge
1	802.11a	36	10360.00	48.18	68.30	-20.12	V	Peak	Pass	Harmonic
2	802.11ac VHT80	155	5648.13	53.85	68.30	-14.45	V	PEAK	Pass	Band Edge
2	802.11ac VHT80	155	17325.00	48.85	68.30	-19.45	V	Peak	Pass	Harmonic
4	802.11a	36	5149.94	50.53	54.00	-3.47	V	AVERAGE	Pass	Band Edge
4	802.11a	36	10360.00	48.43	68.30	-19.87	H	Peak	Pass	Harmonic
5	802.11a	36	5149.94	48.89	54.00	-5.11	V	AVERAGE	Pass	Band Edge
5	802.11a	36	10360.00	47.91	68.30	-20.39	H	Peak	Pass	Harmonic
6	802.11a	36	947.62	31.09	46	-14.91	V	Peak	Pass	LF
7	802.11ac VHT80	155	933.07	30.43	46	-15.57	H	Peak	Pass	LF
8 Co-location	802.11a	36	5149.40	47.94	54.00	-6.06	V	AVERAGE	Pass	Band Edge
	802.11a	36	10360.00	46.48	68.30	-21.82	V	Peak	Pass	Harmonic

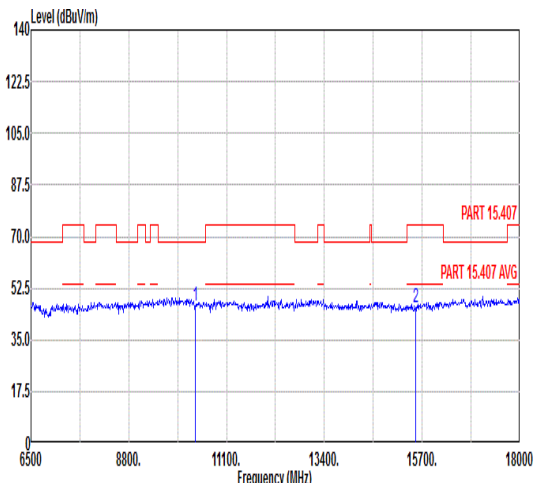
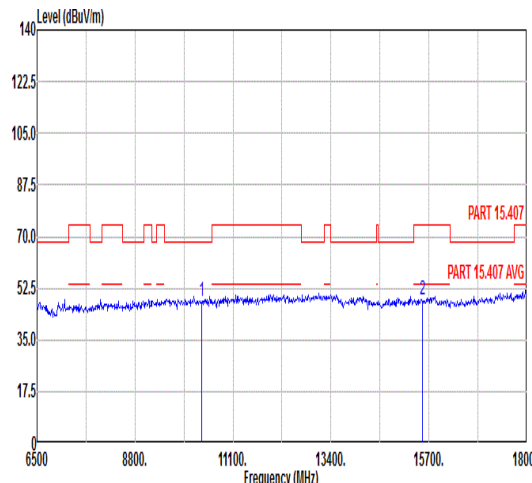


Mode	1																																																				
	Band Edge																																																				
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																				
ANT	5																																																				
Pol.	Horizontal																																																				
Peak	Fundamental																																																				
																																																					
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></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>Remark</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><th></th></tr><tr><td>1</td><td>5143.28</td><td>54.74</td><td>74.00</td><td>-19.26</td><td>44.40</td><td>35.29</td><td>8.52</td><td>33.47</td><td>297</td><td>0</td><td>PEAK</td></tr></table>												Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		1	5143.28	54.74	74.00	-19.26	44.40	35.29	8.52	33.47	297	0	PEAK
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																														
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																											
1	5143.28	54.74	74.00	-19.26	44.40	35.29	8.52	33.47	297	0	PEAK																																										
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		Limit	Read	Ant	Cable	Preamp	APos	TPos																																													
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																											
1	5180.00	100.77	-----	-----	90.34	35.31	8.58	33.46	297	0	PEAK																																										
Avg																																																					
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		Limit	Read	Ant	Cable	Preamp	APos	TPos																																													
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																											
1	5149.76	43.79	54.00	-10.21	33.43	35.29	8.54	33.47	297	0	AVERAGE																																										
Avg																																																					
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></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>Remark</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><th></th></tr><tr><td>1</td><td>5180.00</td><td>94.15</td><td>-----</td><td>-----</td><td>83.71</td><td>35.31</td><td>8.59</td><td>33.46</td><td>297</td><td>0</td><td>AVERAGE</td></tr></table>												Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg		1	5180.00	94.15	-----	-----	83.71	35.31	8.59	33.46	297	0	AVERAGE
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																													
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																													
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1	5180.00	94.15	-----	-----	83.71	35.31	8.59	33.46	297	0	AVERAGE																																										

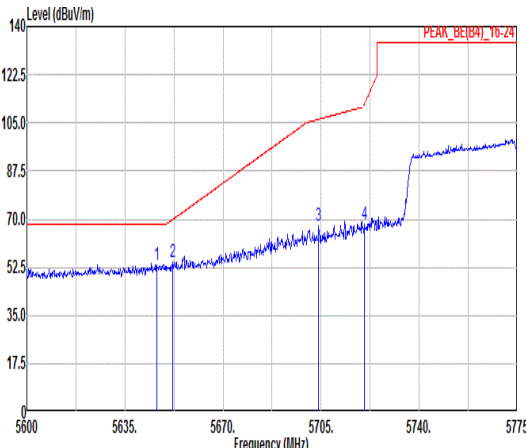
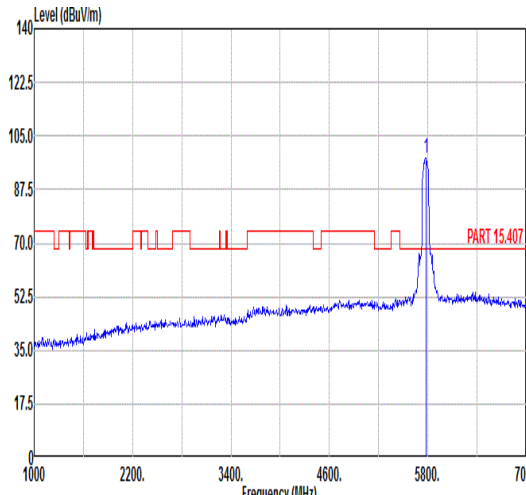
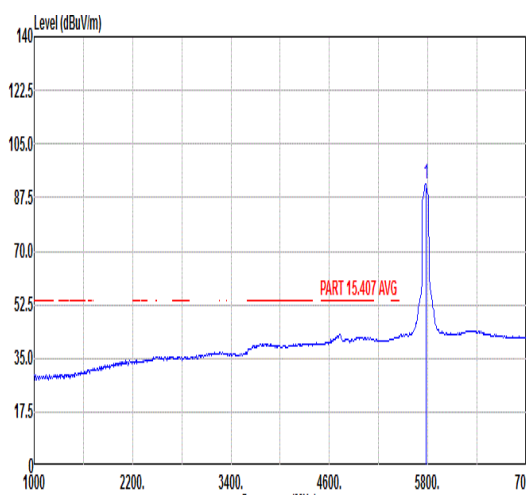


Mode	1																																																																																																						
	Band Edge																																																																																																						
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz																																																																																																						
ANT	5																																																																																																						
Pol.	Vertical						Fundamental																																																																																																
Peak																																																																																																							
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></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>Remark</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>cm</th><th>deg</th></tr><tr><td>1</td><td>5148.50</td><td>59.82</td><td>74.00</td><td>-14.18</td><td>49.47</td><td>35.29</td><td>8.53</td><td>33.47</td><td>300</td><td>341</td><td>PEAK</td></tr></table>													Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	5148.50	59.82	74.00	-14.18	49.47	35.29	8.53	33.47	300	341	PEAK	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></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>Remark</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>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>107.43</td><td>-----</td><td>-----</td><td>97.00</td><td>35.31</td><td>8.58</td><td>33.46</td><td>300</td><td>341</td><td>PEAK</td></tr></table>													Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	5180.00	107.43	-----	-----	97.00	35.31	8.58	33.46	300	341
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																
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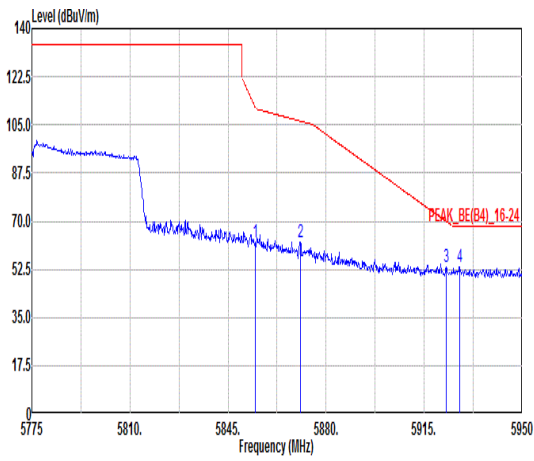


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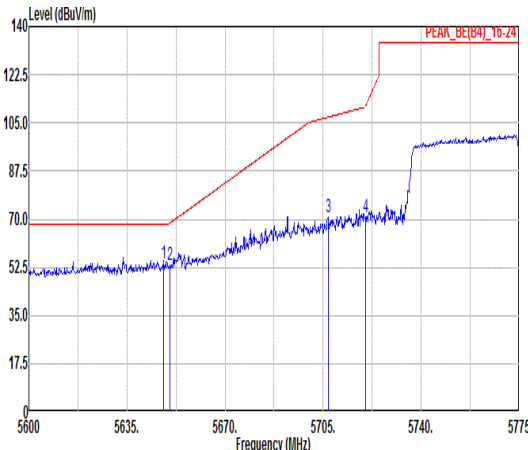
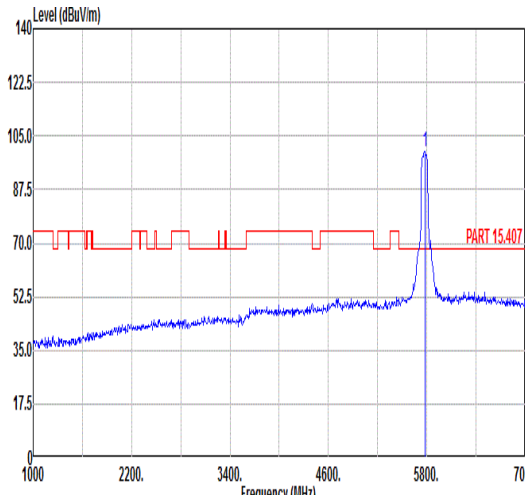
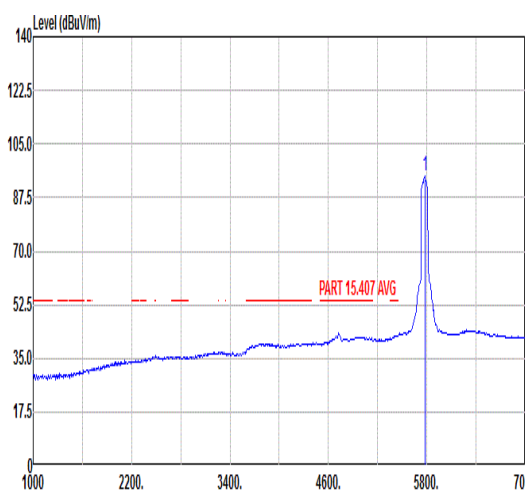


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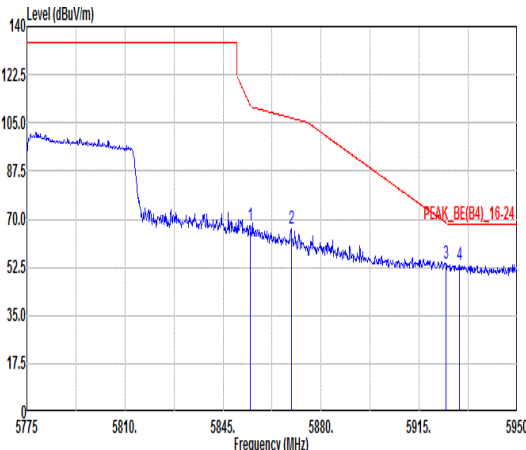


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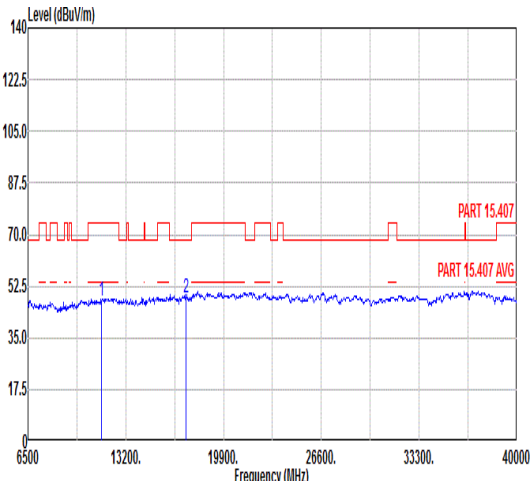
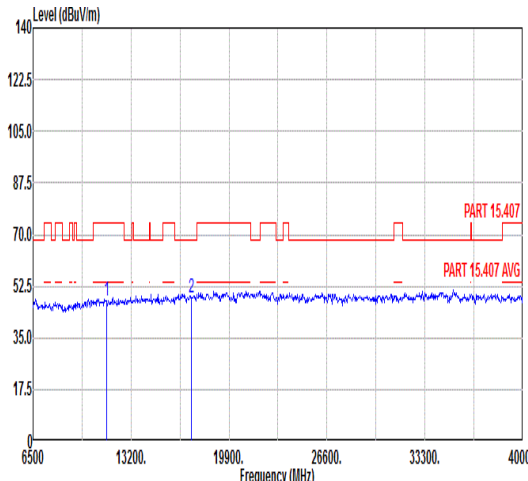


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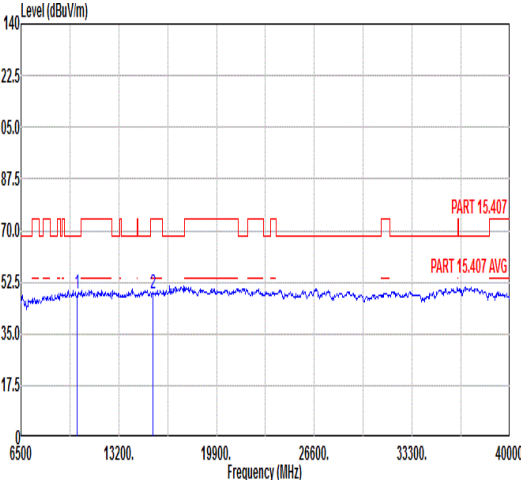
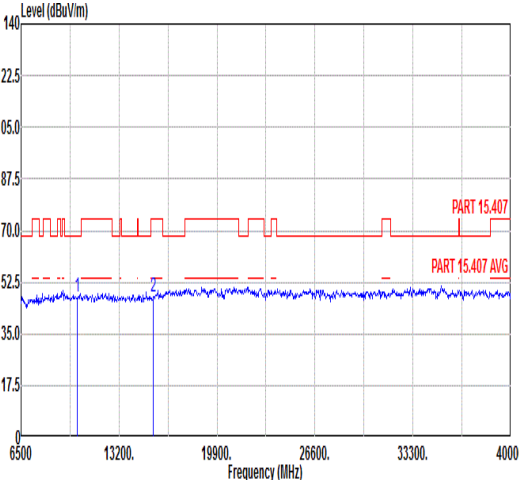


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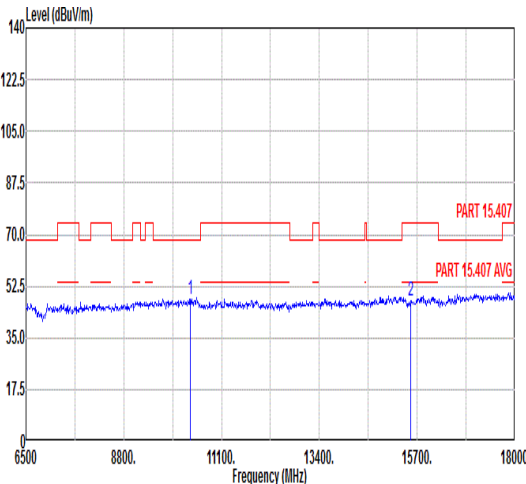
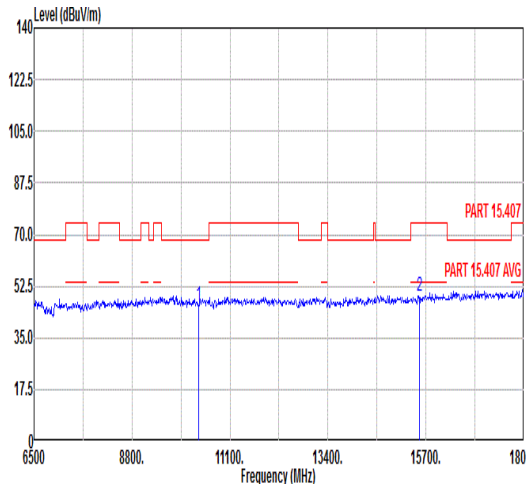


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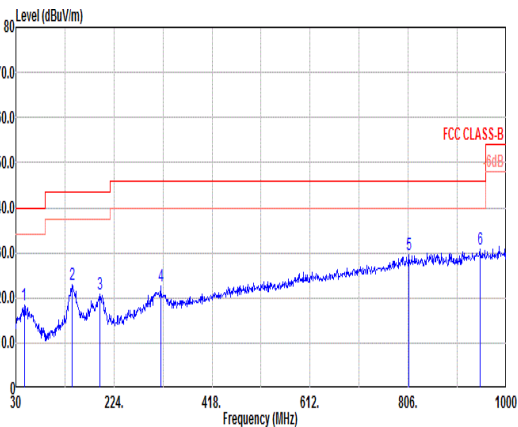
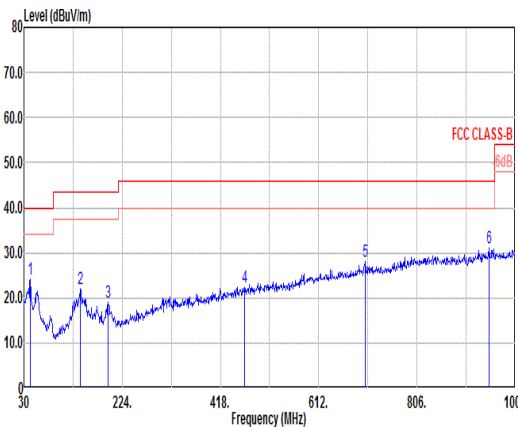


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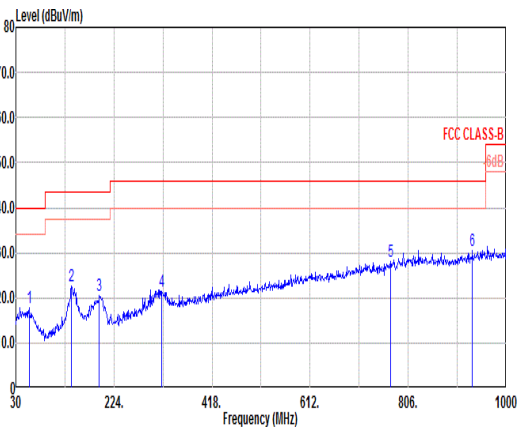
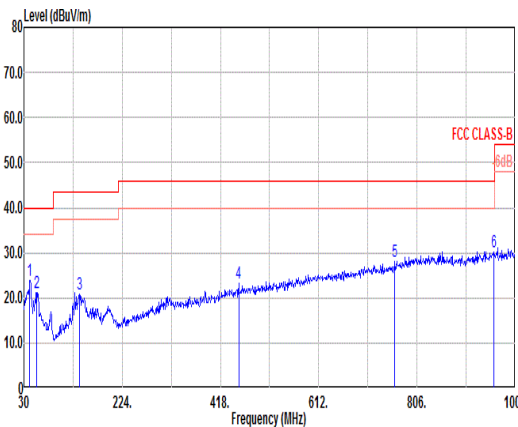


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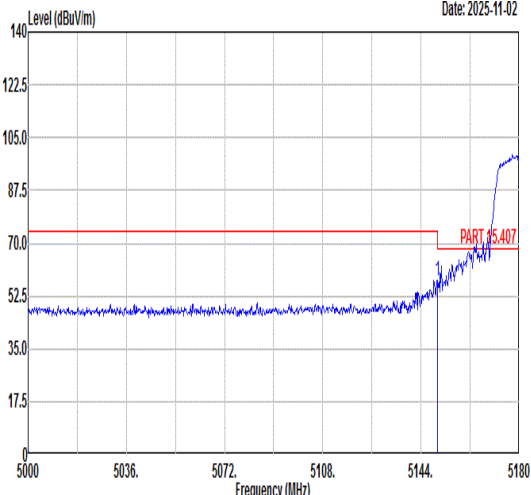
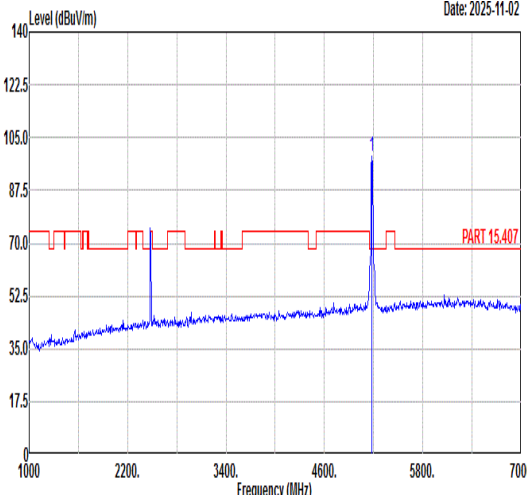
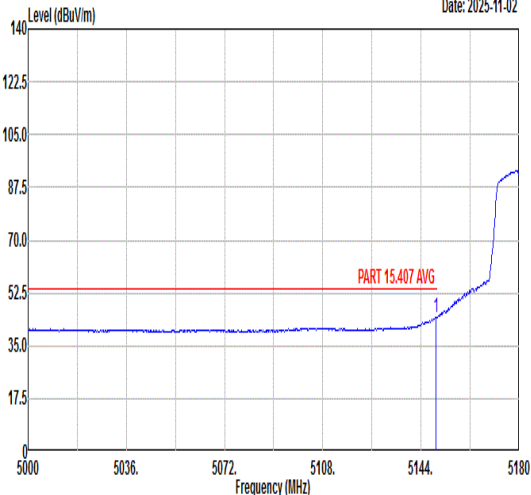
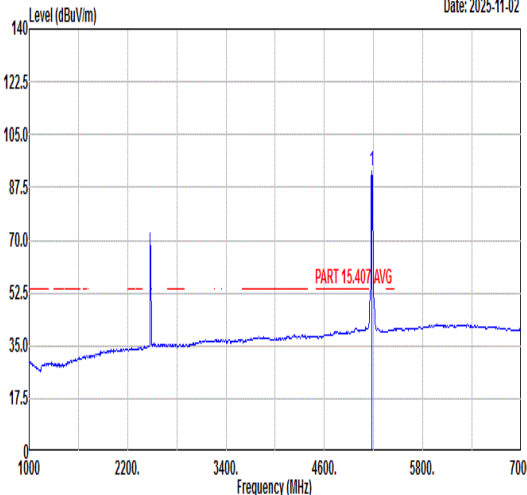


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3	196.84	20.80	43.50	-22.70	34.38	16.51	1.42	31.51	---	Peak																																																																																																																																																																																												
4	316.15	22.68	46.00	-23.32	32.27	20.12	1.86	31.57	---	Peak																																																																																																																																																																																												
5	806.97	29.64	46.00	-16.36	29.50	28.27	2.96	31.09	---	Peak																																																																																																																																																																																												
6	947.62	30.80	46.00	-15.20	28.67	29.76	3.23	30.86	---	Peak																																																																																																																																																																																												
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2	141.55	22.01	43.50	-21.49	33.22	19.19	1.22	31.62	---	Peak																																																																																																																																																																																												
3	196.84	19.09	43.50	-24.41	32.67	16.51	1.42	31.51	---	Peak																																																																																																																																																																																												
4	465.53	22.44	46.00	-23.56	28.10	23.40	2.24	31.30	---	Peak																																																																																																																																																																																												
5	703.18	28.03	46.00	-17.97	29.36	26.99	2.77	31.09	---	Peak																																																																																																																																																																																												
6	947.62	31.09	46.00	-14.91	28.96	29.76	3.23	30.86	---	Peak																																																																																																																																																																																												



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2	139.61	22.58	43.50	-20.92	33.90	19.09	1.21	31.62	---	Peak																																																																																																																																																																																												
3	194.90	20.51	43.50	-22.99	34.05	16.56	1.41	31.51	---	Peak																																																																																																																																																																																												
4	319.06	21.38	46.00	-24.62	30.87	20.20	1.87	31.56	---	Peak																																																																																																																																																																																												
5	771.08	27.93	46.00	-18.07	28.08	28.00	2.89	31.04	---	Peak																																																																																																																																																																																												
6	933.07	30.43	46.00	-15.57	28.47	29.65	3.21	30.90	---	Peak																																																																																																																																																																																												
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1	41.64	23.99	40.00	-16.01	35.16	19.93	0.63	31.73	---	Peak																																																																																																																																																																																												
2	55.22	21.28	40.00	-18.72	32.14	20.10	0.74	31.70	---	Peak																																																																																																																																																																																												
3	139.61	20.77	43.50	-22.73	32.09	19.09	1.21	31.62	---	Peak																																																																																																																																																																																												
4	453.89	23.32	46.00	-22.68	29.19	23.22	2.21	31.30	---	Peak																																																																																																																																																																																												
5	762.35	28.00	46.00	-18.00	28.18	27.97	2.87	31.02	---	Peak																																																																																																																																																																																												
6	957.32	30.27	46.00	-15.73	28.04	29.82	3.24	30.83	---	Peak																																																																																																																																																																																												



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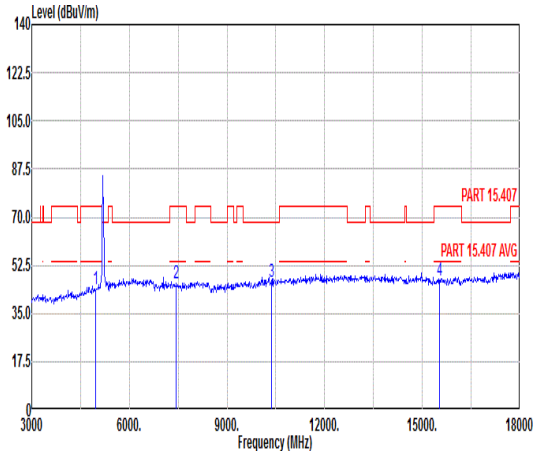
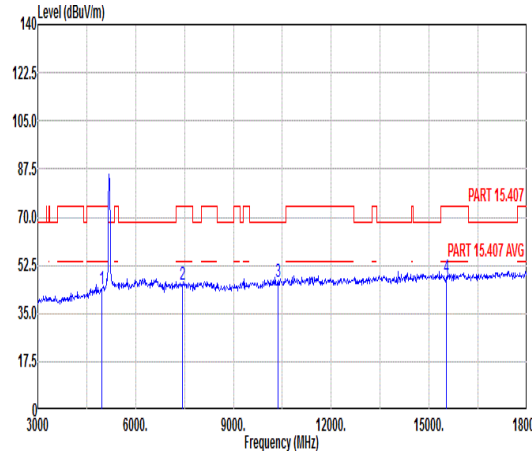


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1	2483.76	35.73	54.00	-18.27	31.32	32.57	5.95	34.11	374	150 AVERAGE																																																																																	
	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos																																																																																			
Freq	Level	Line	(dB)	Level	Factor	Loss	Factor		Remark																																																																																		
	MHz	dBuV/m	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																		
1	2478.00	93.21	-----	-----	88.86	32.56	5.90	34.11	374	150 AVERAGE																																																																																	



Mode	8																																																																											
	Band Edge																																																																											
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ANT	5+5+0																																																																											
Pol.	Vertical					Fundamental																																																																						
Peak	Level (dBuV/m) Date: 2025-11-02 PEAK_BE_74 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</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>cm</th><th>deg</th><th></th></tr><tr><td>1 2486.78</td><td>45.81</td><td>74.00</td><td>-28.19</td><td>41.41</td><td>32.58</td><td>5.93</td><td>34.11</td><td>400</td><td>303</td><td>PEAK</td></tr></table>					Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg		1 2486.78	45.81	74.00	-28.19	41.41	32.58	5.93	34.11	400	303	PEAK	Level (dBuV/m) Date: 2025-11-02 PEAK_74 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</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>cm</th><th>deg</th><th></th></tr><tr><td>1 2478.00</td><td>89.03</td><td>-----</td><td>-----</td><td>84.68</td><td>32.56</td><td>5.90</td><td>34.11</td><td>400</td><td>303</td><td>PEAK</td></tr></table>					Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg		1 2478.00	89.03	-----	-----	84.68	32.56	5.90	34.11	400	303	PEAK
	Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																	
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1 2478.00	89.03	-----	-----	84.68	32.56	5.90	34.11	400	303	PEAK																																																																		
Avg	Level (dBuV/m) Date: 2025-11-02 AVG_BE_54 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</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>cm</th><th>deg</th><th></th></tr><tr><td>1 2484.34</td><td>35.36</td><td>54.00</td><td>-18.64</td><td>30.96</td><td>32.57</td><td>5.94</td><td>34.11</td><td>400</td><td>303</td><td>AVERAGE</td></tr></table>					Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg		1 2484.34	35.36	54.00	-18.64	30.96	32.57	5.94	34.11	400	303	AVERAGE	Level (dBuV/m) Date: 2025-11-02 AVG_54 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</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>cm</th><th>deg</th><th></th></tr><tr><td>1 2478.00</td><td>86.69</td><td>-----</td><td>-----</td><td>82.34</td><td>32.56</td><td>5.90</td><td>34.11</td><td>400</td><td>303</td><td>AVERAGE</td></tr></table>					Freq	Level	Limit	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	(dB)	dBuV	dB/m	dB	dB	cm	deg		1 2478.00	86.69	-----	-----	82.34	32.56	5.90	34.11	400	303	AVERAGE
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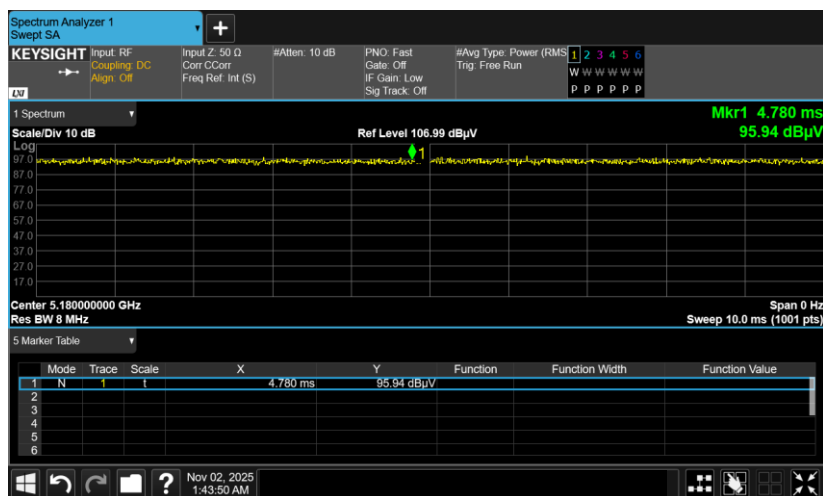
Note: For all plots above, the over limit line signals are Fundamental signal which can be ignored.



Appendix C. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	100	-	-	10Hz
802.11ac VHT80	100	-	-	10Hz

802.11a



802.11ac VHT80

