FCC RADIO TEST REPORT

FCC ID	:	2ABOF-GXRN8356910
Equipment	:	RN system (Multiband)
Brand Name	:	Tarana
Model Name	:	GXRN8356910
Applicant	:	Tarana Wireless, Inc. 630 Alder Drive Milpitas, CA 95035
Manufacturer	:	Tarana Wireless, Inc. 630 Alder Drive Milpitas, CA 95035
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on Jun. 17, 2026 and testing was performed from Jul. 02, 2026 to Aug. 08, 2026. 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 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.)

Table of Contents

1 General Description 5
1.1 Product Feature of Equipment Under Test 5
1.2 Modification of EUT 5
1.3 Testing Location 5
1.4 Applicable Standards 6
2 Test Configuration of Equipment Under Test 7
2.1 Carrier Frequency and Channel 7
2.2 Test Mode 7
2.3 Connection Diagram of Test System 8
2.4 Support Unit used in test configuration and system 9
2.5 EUT Operation Test Setup 9
2.6 Measurement Results Explanation Example 9
3 Test Result 10
3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement 10
3.2 Maximum Conducted Output Power Measurement 11
3.3 Power Spectral Density Measurement 12
3.4 Unwanted Emissions Measurement 14
3.5 AC Conducted Emission Measurement 19
3.6 Antenna Requirements 21
4 List of Measuring Equipment 22
5 Measurement Uncertainty 23
Appendix A. Conducted Test Results
Appendix B. AC Conducted Emission Test Result
Appendix C. Radiated Spurious Emission Test Result
Appendix D. Duty Cycle Plots
Appendix E. Setup Photographs

History of this test report

Report No.	Version	Description	Issue Date
FR651806B	01	Initial issue of report	Aug. 20, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	-
3.5	15.207	AC Conducted Emission	Pass	-
3.6	15.203	Antenna Requirement	Pass	-

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/manufacturer 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: SteveChen

Report Producer: Lili Lu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs WLAN 2.4G, Proprietary radio 5G / 6G, CBRS and GNSS. **Antenna Type** Proprietary radio 5G: Array antenna

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	14.72

Remark:

1. The device is driving cross-polarized antenna, which has 4 horizontal polarization antennas and 4 vertical polarization antennas.
2. Minimum number of spatial stream (Nss) is 2.
3. The EUT is a fixed point-to-point device operating in UNII-3.
4. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 1190 and 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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.)

FCC designation No.: TW1190 and TW3786

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The Conduction test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

1.4 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC Part 15 Subpart E
- ANSI C63.10-2020 + Cor.1-2023

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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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).

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

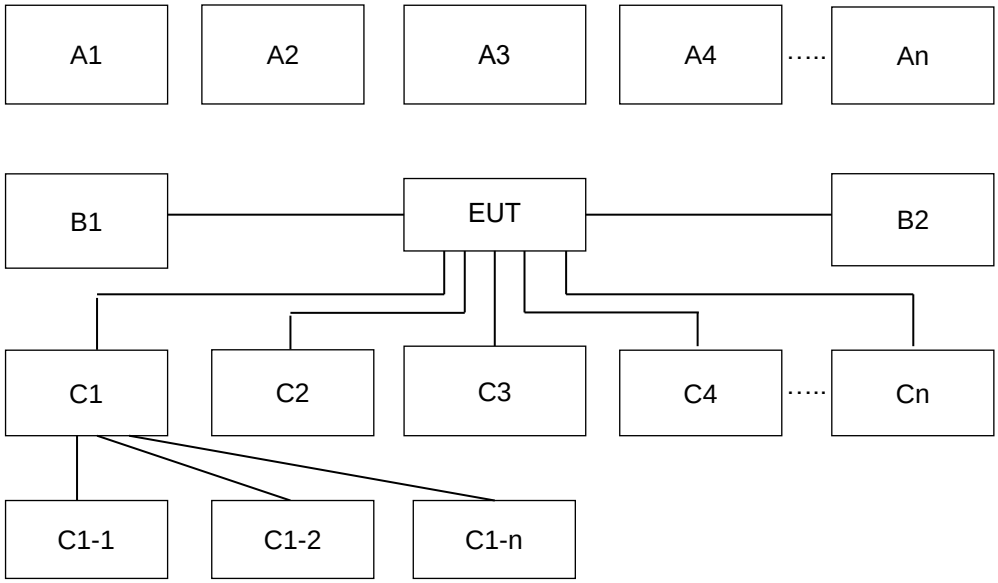
Frequency Band	Channel	Freq. (MHz)
5725-5850 MHz (U-NII-3) 40MHz	151	5755
	153	5765
	155	5775
	157	5785
	159	5795
	161	5805
	163	5815
	165	5825
5725-5850 MHz (U-NII-3) 40+40MHz	151+159	5755 + 5795
	157+165	5785 + 5825

2.2 Test Mode

Test Cases	
AC Conducted Emission	Mode 1:: 5GHz Tx + POE Adapter

Remark:
1. The detailed Radiated test modes are shown in Appendix C.
2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power

2.3 Connection Diagram of Test System



Conduction Test Setup									
No.	**Power Source**	**Connection Type**	**Test Mode**						
			1	**2**	**-**	**-**	**-**	**-**	**-**
B1	AC: 120V/60Hz (POE Adapter)	RJ 45 Cable	X	X	-	-	-	-	-
No.	**Setup Peripherals**	**Connection Type**	**1**	**2**	**-**	**-**	**-**	**-**	**-**
C1	PC	RJ-45 Cable to B1	X	X	-	-	-	-	-
C1-1	LCD Monitor	DP Cable to C1	X	X	-	-	-	-	-
C1-2	Mouse	USB Cable to C1	X	X	-	-	-	-	-
C1-3	Keyboard	USB Cable to C1	X	X	-	-	-	-	-

RSE Test Setup			
No.	**Power Source**	**Connection Type**	**Test Mode**
			Tx
B1	AC: 120V/60Hz (POE Adapter)	RJ45 Cable	X
No.	**Setup Peripherals**	**Connection Type**	**Tx**
C1	PC	RJ45 Cable	X
C1-1	Mouse	USB Cable	X
C1-2	Keyboard	USB Cable	X
C1-3	Monitor	HDMI Cable	X

2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	LCD Monitor	ViewSonic	VS17425	FCC DoC	Shielded 2.0m	Unshielded 1.8m
2.	Mouse	Logitech	B100	FCC DoC	Unshielded 1.5m	N/A
3.	Keyboard	DELL	SK-8120	FCC DoC	Unshielded 1.8m	N/A
4.	PC	DELL	D13M	FCC DoC	N/A	Unshielded 1.8m
5.	PoE Adapter	GOSPELL	G0566-500-120	N/A	Shielded 1.0m	Unshielded 1.8m

2.5 EUT Operation Test Setup

The RF test items, utility “Terminal” was used on the Linux-based support desktop. Command-line scripts were executed to place the EUT into engineering modes to provide channel frequency and bandwidth selection, power level and continuous transmitting mode.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.1 dB and 20 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 5.1 + 20 = 25.1 (dB)

3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

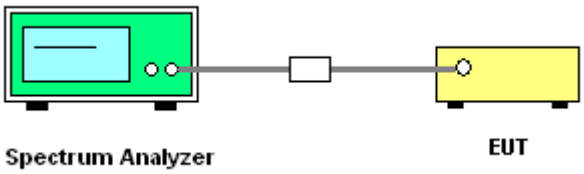
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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

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

3.2.2 Measuring Instruments

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

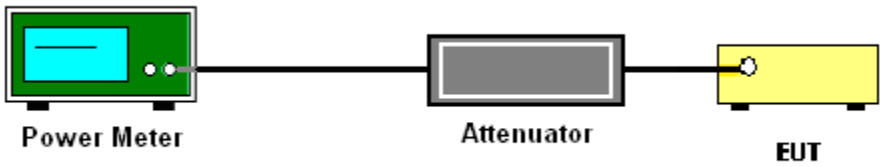
3.2.3 Test Procedures

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.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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.

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

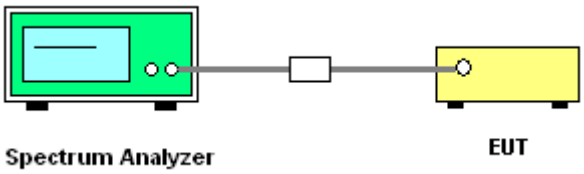
 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

(1) 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.

(2) Unwanted spurious emissions falls 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.

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

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

3.4.2 Measuring Instruments

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

3.4.3 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 1000 MHz

   - 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 ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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

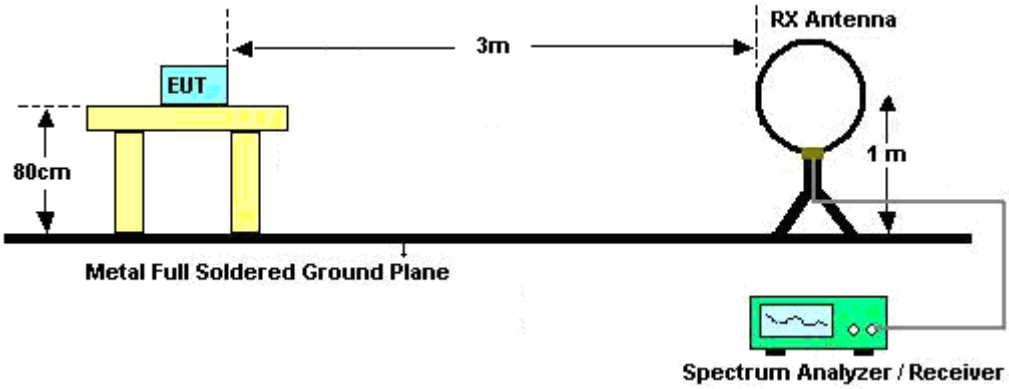
against QP limit line, the position is marked as "-".

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.

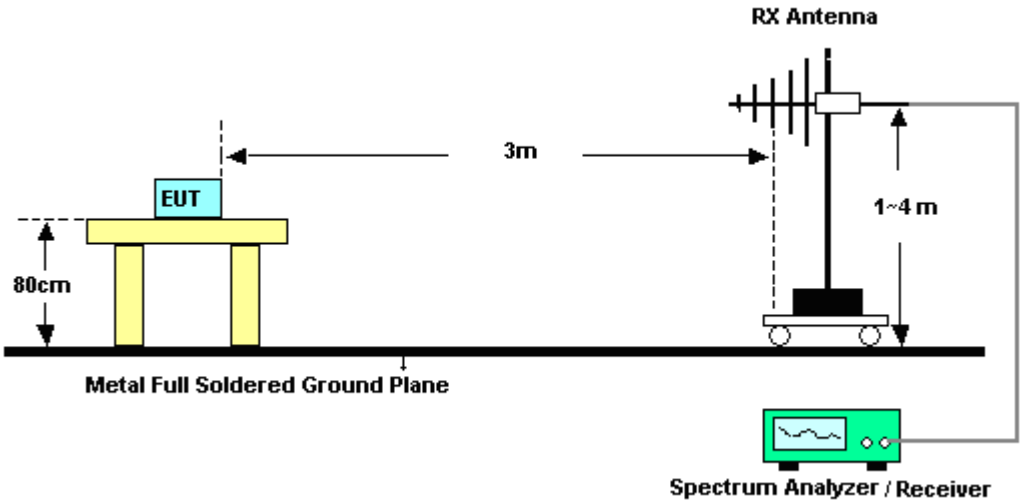
   When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

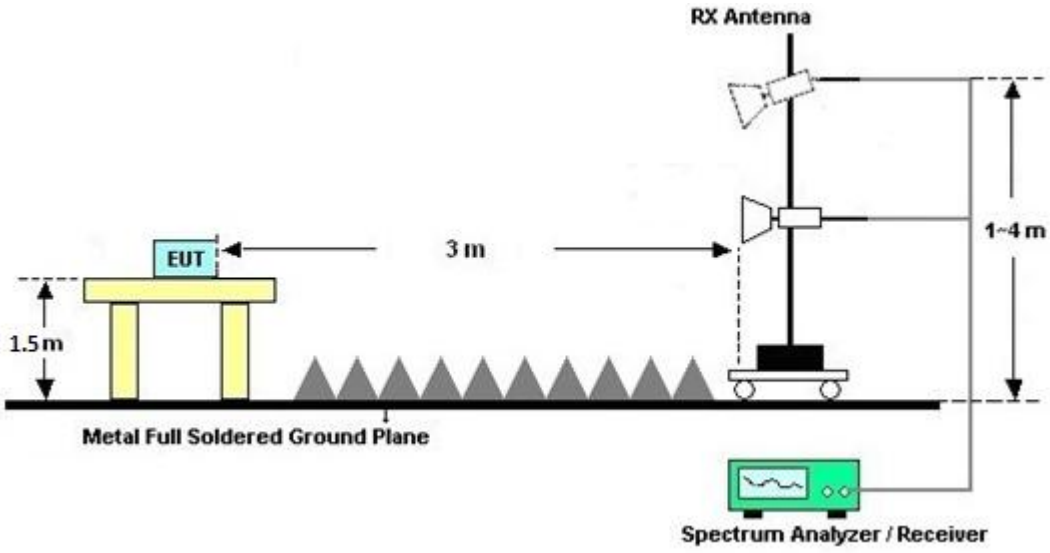
For radiated emissions below 30MHz



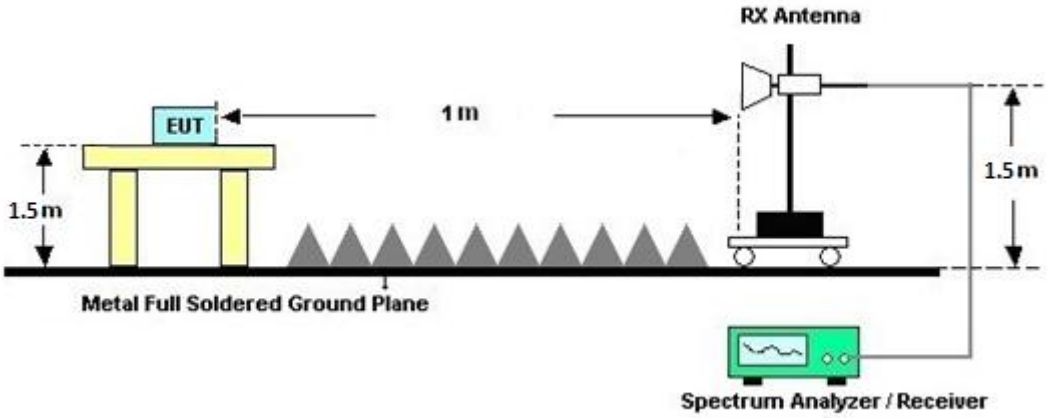
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated 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.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 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 (dBμV)	
	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.

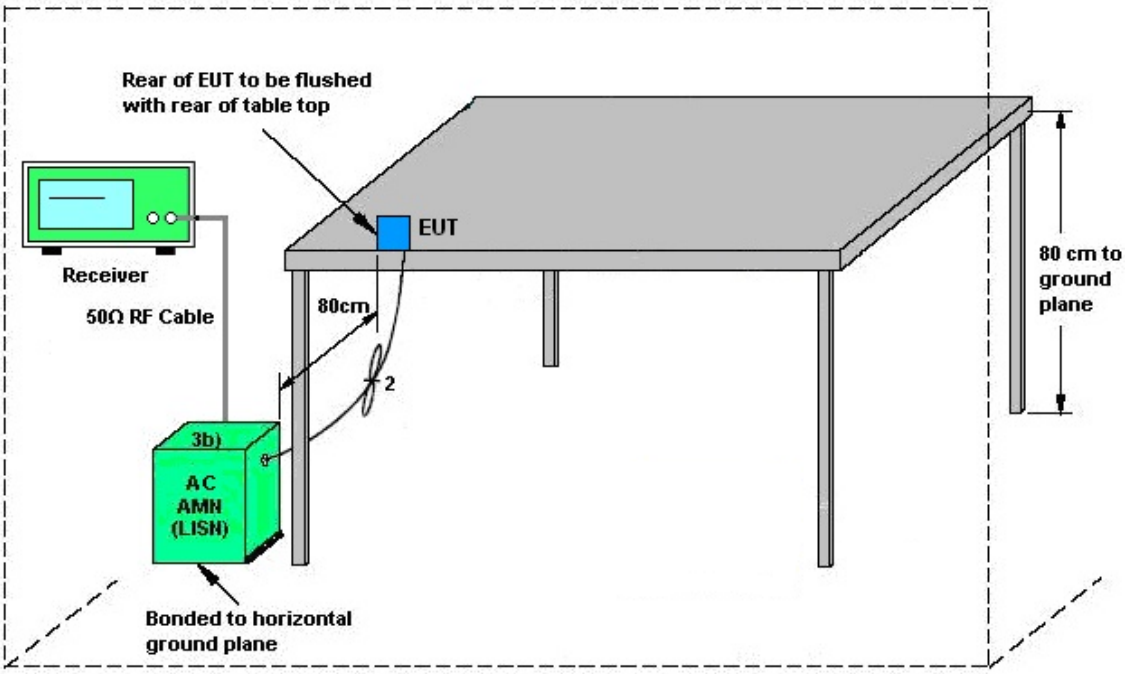
3.5.2 Measuring Instruments

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

3.5.3 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 shall 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.

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 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.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Oct. 15, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 08, 2026	Jul. 07, 2026 ~ Aug. 08, 2026	Jun. 07, 2027	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jul. 07, 2026 ~ Aug. 08, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jul. 07, 2026 ~ Aug. 08, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jul. 07, 2026 ~ Aug. 08, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	10Hz~44GHz	Dec. 10, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Oct. 03, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1230	18GHz-40GHz	Nov. 05, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Preamplifier	Keysight	80317A	MY53270420	1GHz~26.5GHz	May.08, 2026	Jul. 07, 2026 ~ Aug. 08, 2026	May.07, 2027	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45SE	980792	N/A	Nov. 11, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804015/2,251042 39	N/A	Apr. 13, 2026	Jul. 07, 2026 ~ Aug. 08, 2026	Apr. 12, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Jul. 07, 2026 ~ Aug. 08, 2026	Oct. 20, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Jul. 07, 2026 ~ Aug. 08, 2026	N/A	Radiation (03CH20-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jul. 06, 2026	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	N/A	Dec. 16, 2025	Jul. 06, 2026	Dec. 15, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP210031	N/A	Jun. 15, 2026	Jul. 06, 2026	Jun. 14, 2027	Conduction (CO05-HY)
Two-Line V-Network	Rohde & Schwarz	ENV 216 +EMCI-EXP-US-US S	100080+N-021	N/A	Apr. 22, 2026	Jul. 06, 2026	Apr. 21, 2027	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jul. 06, 2026	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 29, 2025	Jul. 06, 2026	Jul. 28, 2026	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 14, 2025	Jul. 06, 2026	Oct. 13, 2026	Conduction (CO05-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Jul. 02, 2026 Jul. 16, 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3008W	RPR8W-2301017 (NO:20)	10MHz~8GHz	Jun. 25, 2026	Jul. 02, 2026 Jul. 16, 2026	Jun. 24, 2027	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Jul. 02, 2026 Jul. 16, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Jul. 02, 2026 Jul. 16, 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Jul. 02, 2026 Jul. 16, 2026	N/A	Conducted (TH05-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.70 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.50 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.70 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.70 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.20 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	24.0~26.0℃	℃
Test Date:	2026/07/02~2026/07/16	Relative Humidity:	45.00~49.00%	%

Conducted Power on Port 0H

BW	Freq (MHz)	Conducted Power (dBm)	MIMO Factor(dB)	Antenna Gain (dBi)	DG (dBi)	Total Conducted Power (dBm)	Conducted Limit (dBm)	Pass/Fail
40MHz	5755	20.9	9.03	14.72	17.73	29.93	30.00	Pass
	5795	20.7	9.03	14.72	17.73	29.73	30.00	Pass
	5825	20.5	9.03	14.72	17.73	29.53	30.00	Pass
40 + 40MHz	5755+5795	20.30	9.03	14.72	17.73	29.33	30.00	Pass
	5785+5825	20.00	9.03	14.72	17.73	29.03	30.00	Pass

Power setting

Attn	ADAK
21	10
24	12
24	12
27	12
27	10

PSD on Port 0H

BW	Freq (MHz)	PSD (dBm/500kHz)	MIMO (dB)	Antenna Gain (dBi)	DG(dBi)	Total PSD (dBm/500 kHz)	PSD Limit (dBm/500kHz)	Pass/Fail
40MHz	5755	3.02	9.03	14.72	17.73	12.05	30.00	Pass
	5795	2.62	9.03	14.72	17.73	11.65	30.00	Pass
	5825	2.75	9.03	14.72	17.73	11.78	30.00	Pass
40 + 40MHz	5755+5795	0.2	9.03	14.72	17.73	9.23	30.00	Pass
	5785+5825	-0.2	9.03	14.72	17.73	8.83	30.00	Pass

MIMO Calculation

Number of Ant	Number of SS	SS Correction
8	2	3.01
8	2	3.01
8	2	3.01
8	2	3.01
8	2	3.01

BW	Freq (MHz)	26dB BW (MHz)	OBW (MHz)	6dB BW (MHz)	6dB BW limit (MHz)	Pass/Fail
40MHz	5755	63.57	38.17	37.69	> 0.5	Pass
	5795	71.12	40.93	37.61	> 0.5	Pass
	5825	71.09	41.05	37.62	> 0.5	Pass
40 + 40MHz	5755+5795	114.18	78.54	77.87	> 0.5	Pass
	5785+5825	106.50	77.95	77.84	> 0.5	Pass

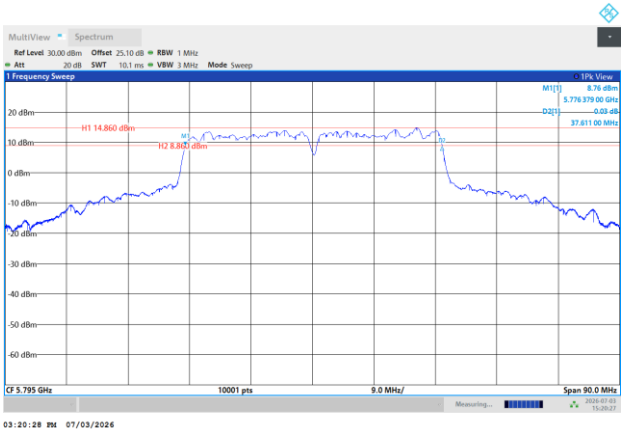
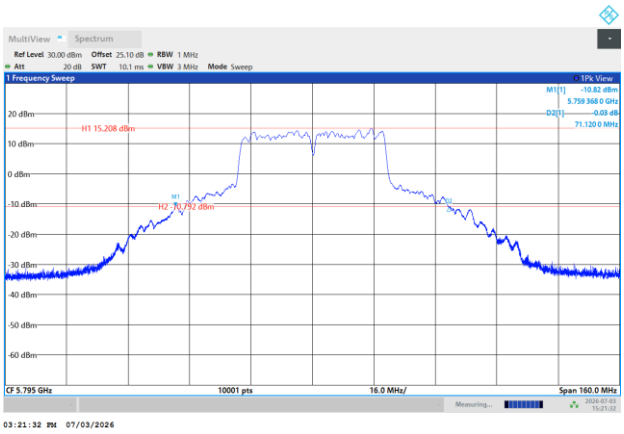
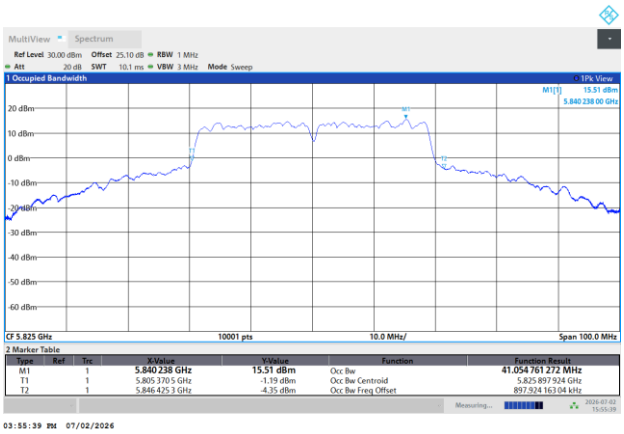
Conducted Output Power
Antenna Gain = 14.72dBi
The device is driving cross-polarized antenna, which has 4 horizontal polarization antenna and 4 vertical polarization antenna
Directional Gain (4H/4V) = 14.72dBi + 10log(Ntx = 4 / Nss = 2) = 17.73dBi
The device operates as fixed point-to-point

Power Spectral Density
Antenna Gain = 14.72dBi
The device is driving cross-polarized antenna, which has 4 horizontal polarization antenna and 4 vertical polarization antenna
Directional Gain (4H/4V) = 14.72dBi + 10log(Ntx = 4 / Nss = 2) = 17.73dBi
The device operates as fixed point-to-point

Test Result of 6dB and 26dB and 99% Occupied Bandwidth

<Single Carrier>

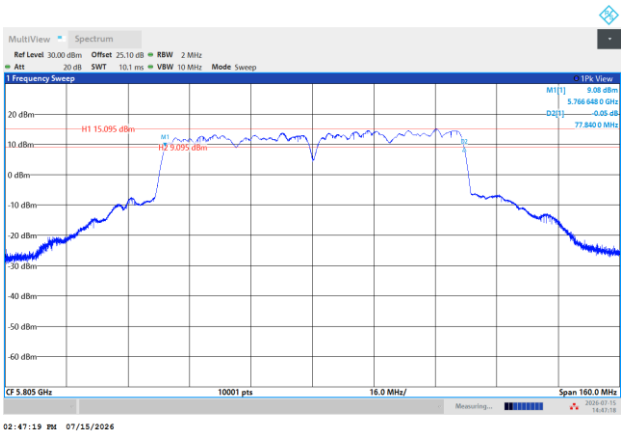
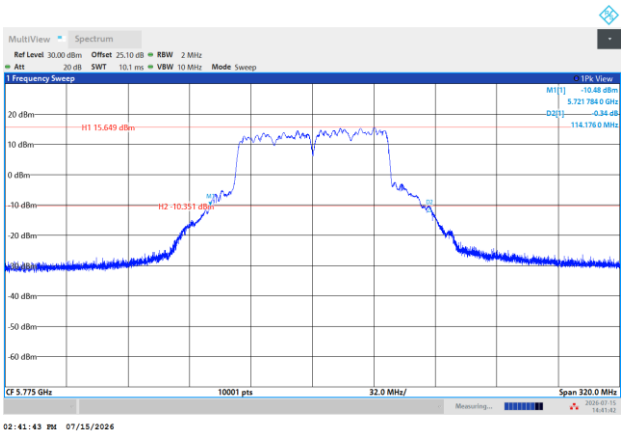
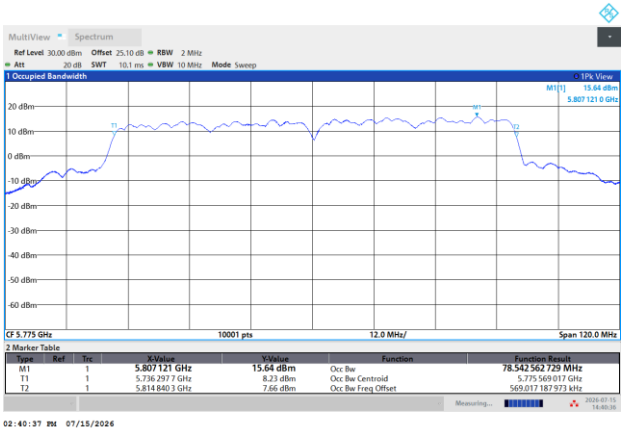
<40MHz>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

<Multiple Carrier (Contiguous)>

<40MHz + 40MHz>

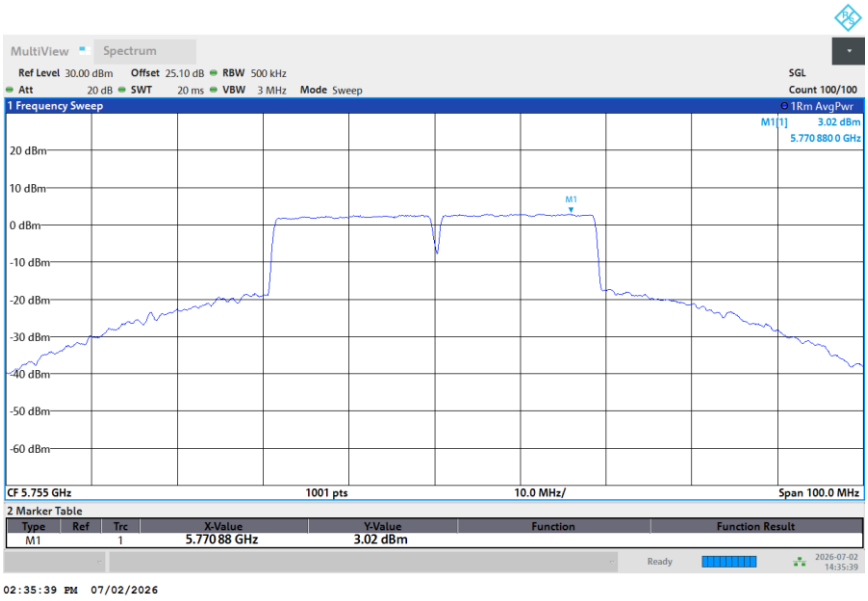
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

Test Result of Power Spectral Density

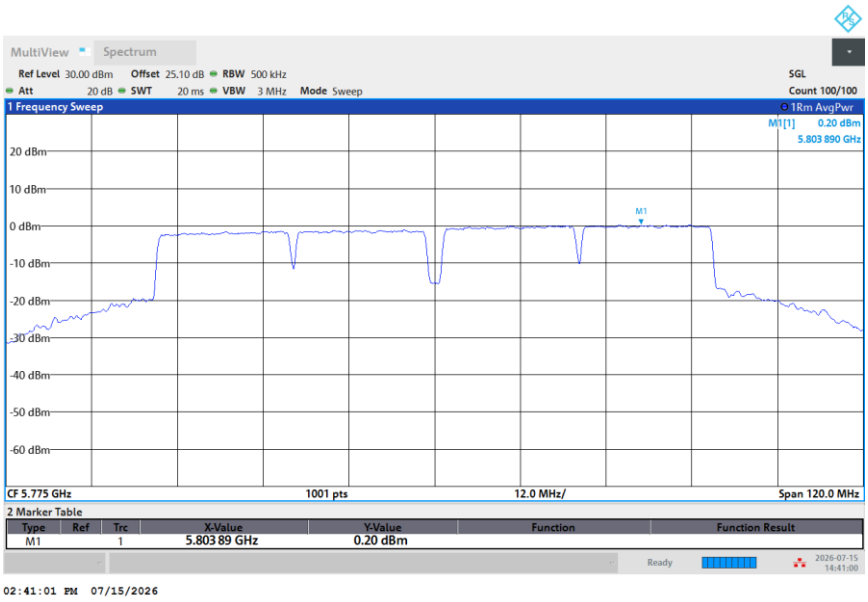
<Single Carrier>

<40MHz>

Maximum Power Density Plot (dBm/500kHz)


<Multiple Carrier (Contiguous)>

<40MHz + 40MHz>

Maximum Power Density Plot (dBm/500kHz)


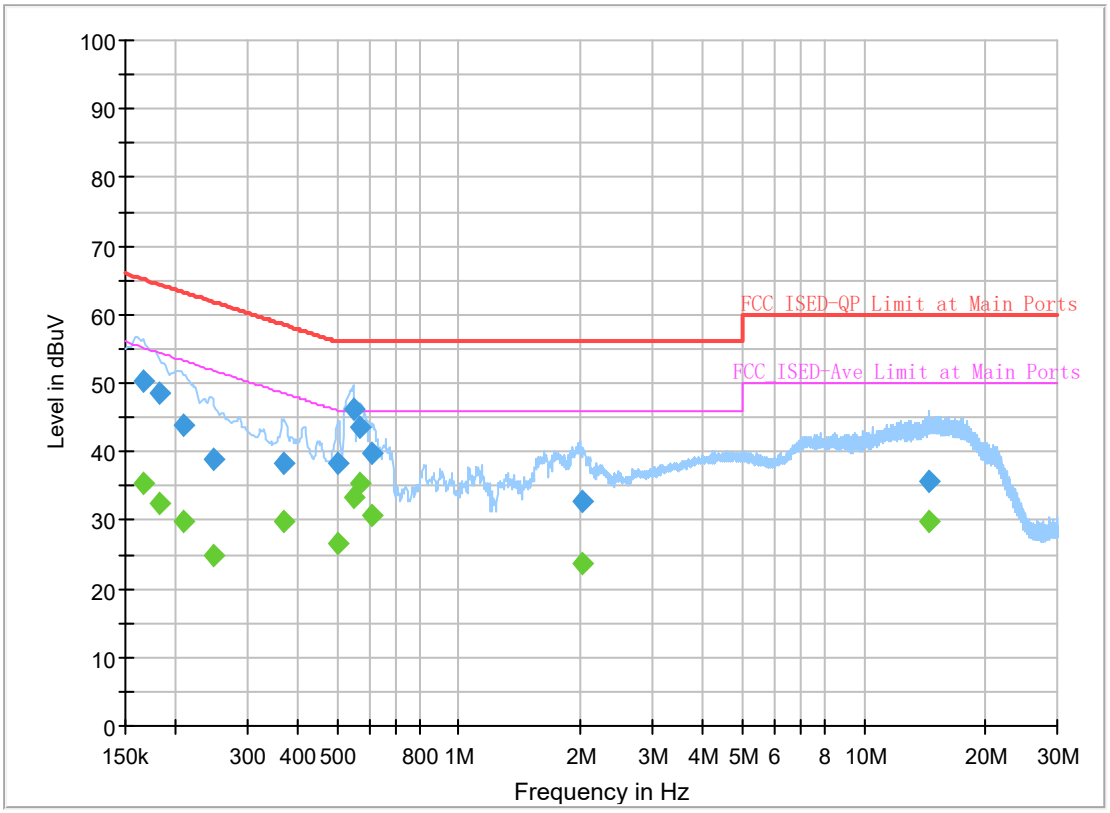
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	651806
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum



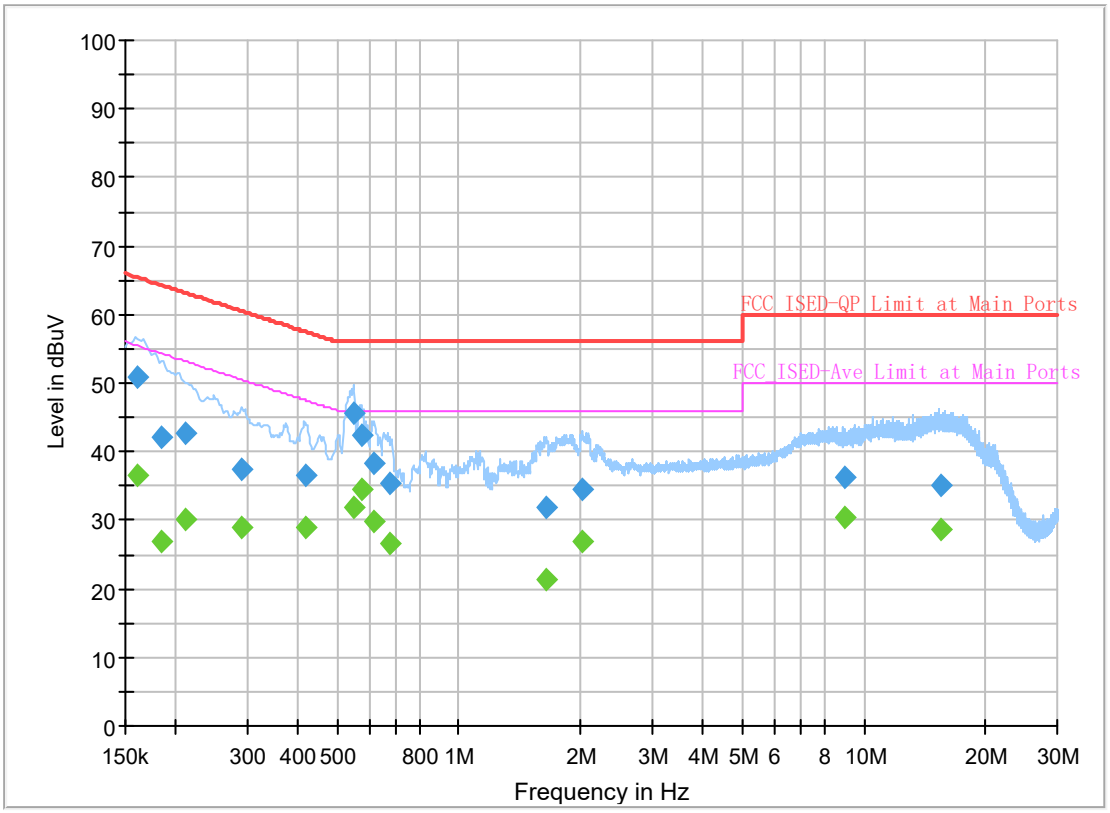
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.165750	---	35.49	55.17	19.68	L1	OFF	19.9
0.165750	50.43	---	65.17	14.74	L1	OFF	19.9
0.181500	---	32.43	54.42	21.99	L1	OFF	19.9
0.181500	48.43	---	64.42	15.99	L1	OFF	19.9
0.208500	---	29.87	53.27	23.40	L1	OFF	19.9
0.208500	43.92	---	63.27	19.35	L1	OFF	19.9
0.249000	---	24.87	51.79	26.92	L1	OFF	19.9
0.249000	38.76	---	61.79	23.03	L1	OFF	19.9
0.370500	---	29.72	48.49	18.77	L1	OFF	19.9
0.370500	38.34	---	58.49	20.15	L1	OFF	19.9
0.503250	---	26.60	46.00	19.40	L1	OFF	19.9
0.503250	38.25	---	56.00	17.75	L1	OFF	19.9
0.548250	---	33.26	46.00	12.74	L1	OFF	19.9
0.548250	46.20	---	56.00	9.80	L1	OFF	19.9
0.570750	---	35.35	46.00	10.65	L1	OFF	19.9
0.570750	43.56	---	56.00	12.44	L1	OFF	19.9
0.611250	---	30.72	46.00	15.28	L1	OFF	19.9
0.611250	39.77	---	56.00	16.23	L1	OFF	19.9
2.004000	---	23.80	46.00	22.20	L1	OFF	20.0
2.004000	32.71	---	56.00	23.29	L1	OFF	20.0
14.534250	---	29.82	50.00	20.18	L1	OFF	20.7
14.534250	35.65	---	60.00	24.35	L1	OFF	20.7

EUT Information

Report NO :	651806
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	Filter	Corr. (dB)
0.161250	---	36.49	55.40	18.91	N	OFF	19.9
0.161250	50.90	---	65.40	14.50	N	OFF	19.9
0.183750	---	26.76	54.31	27.55	N	OFF	19.9
0.183750	42.17	---	64.31	22.14	N	OFF	19.9
0.210750	---	30.18	53.18	23.00	N	OFF	19.9
0.210750	42.65	---	63.18	20.53	N	OFF	19.9
0.291750	---	28.95	50.47	21.52	N	OFF	19.9
0.291750	37.45	---	60.47	23.02	N	OFF	19.9
0.417750	---	28.95	47.49	18.54	N	OFF	19.9
0.417750	36.54	---	57.49	20.95	N	OFF	19.9
0.550500	---	31.79	46.00	14.21	N	OFF	19.9
0.550500	45.57	---	56.00	10.43	N	OFF	19.9
0.573000	---	34.55	46.00	11.45	N	OFF	19.9
0.573000	42.43	---	56.00	13.57	N	OFF	19.9
0.618000	---	29.82	46.00	16.18	N	OFF	19.9
0.618000	38.41	---	56.00	17.59	N	OFF	19.9
0.674250	---	26.50	46.00	19.50	N	OFF	19.9
0.674250	35.32	---	56.00	20.68	N	OFF	19.9
1.641750	---	21.48	46.00	24.52	N	OFF	20.0
1.641750	31.85	---	56.00	24.15	N	OFF	20.0
2.006250	---	26.90	46.00	19.10	N	OFF	20.0
2.006250	34.56	---	56.00	21.44	N	OFF	20.0

8.967750	**---**	**30.39**	**50.00**	**19.61**	**N**	**OFF**	**20.5**
8.967750	**36.22**	**---**	**60.00**	**23.78**	**N**	**OFF**	**20.5**
15.495000	**---**	**28.76**	**50.00**	**21.24**	**N**	**OFF**	**20.7**
15.495000	**35.08**	**---**	**60.00**	**24.92**	**N**	**OFF**	**20.7**

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang、David Dai、Sam Chou	**Temperature :**	18.0~22.6°C
		Relative Humidity :	64.2~70.8%

Note symbol

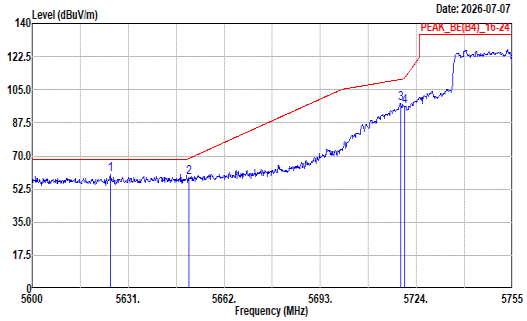
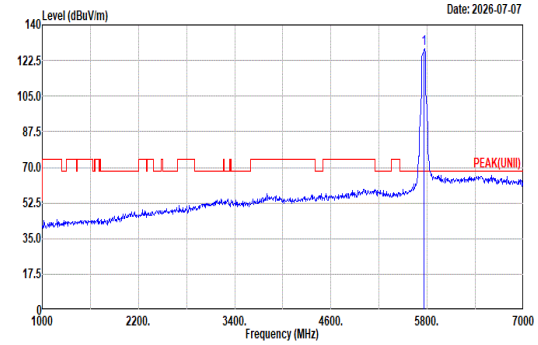
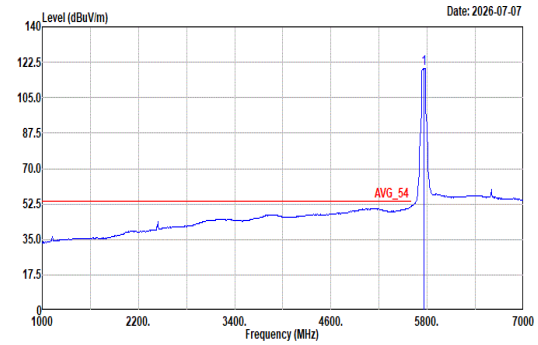
-L	**Low channel location**
-R	**High channel location**

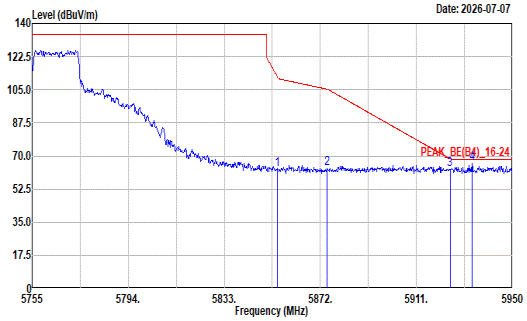
C2.1.Radiated Spurious Emission Test Modes

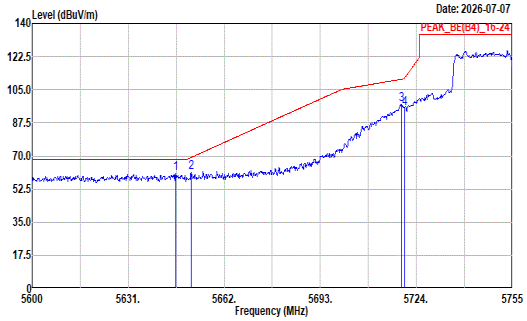
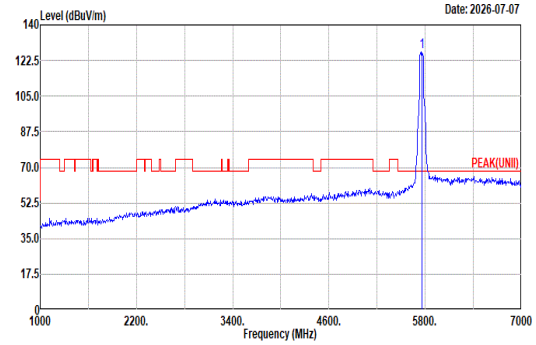
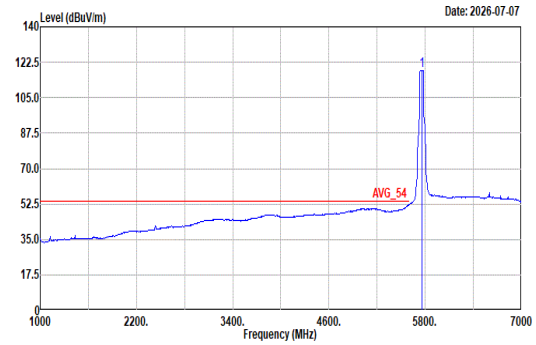
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Remark
Mode 1	U-NII-3	5.725-5.85	MIMO	Proprietary	151	5755	-
Mode 2	U-NII-3	5.725-5.85	MIMO	Proprietary	159	5795	-
Mode 3	U-NII-3	5.725-5.85	MIMO	Proprietary	165	5825	-
Mode 4	U-NII-3	5.725-5.85	MIMO	Proprietary	151+159	5755+5795	-
Mode 5	U-NII-3	5.725-5.85	MIMO	Proprietary	157+165	5785+5825	-
Mode 6	U-NII-3	5.725-5.85	MIMO	Proprietary	157+165	5785+5825	LF
Mode 7	U-NII-3	5.725-5.85	MIMO	Proprietary	157+165	5785+5825	SHF

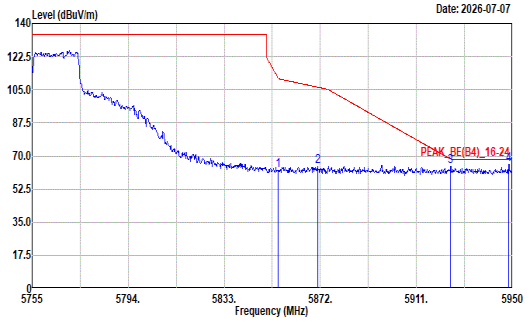
C2.2.Summary of each worse mode

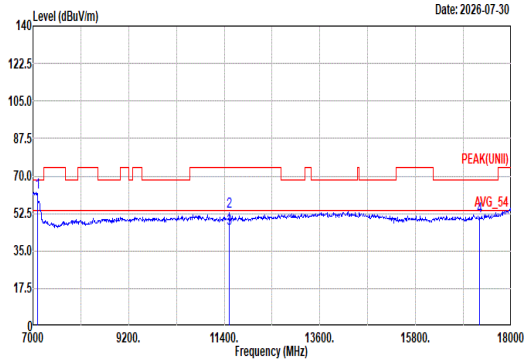
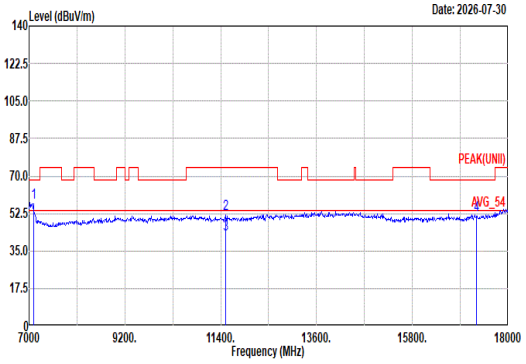
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Proprietary	151	5933.62	66.14	68.20	-2.06	H	Peak	Pass	Band Edge
	Proprietary	151	7110.00	62.11	68.20	-6.09	H	Peak	Pass	Harmonic
2	Proprietary	159	5943.34	65.72	68.20	-2.48	H	Peak	Pass	Band Edge
	Proprietary	159	7042.00	61.70	68.20	-6.50	H	Peak	Pass	Harmonic
3	Proprietary	165	5945.13	66.79	68.20	-1.41	H	Peak	Pass	Band Edge
	Proprietary	165	7046.00	60.18	68.20	-8.02	H	Peak	Pass	Harmonic
4	Proprietary	151+159	5926.73	67.58	68.20	-0.62	H	Peak	Pass	Band Edge
	Proprietary	151+159	11510.00	46.99	54.00	-7.01	V	Avg.	Pass	Harmonic
5	Proprietary	157+165	5932.17	67.89	68.20	-0.31	H	Peak	Pass	Band Edge
	Proprietary	157+165	11570.00	47.63	54.00	-6.37	V	Avg.	Pass	Harmonic
6	LF	157+165	30.00	29.20	40.00	-10.80	V	Peak	Pass	LF
7	SHF	157+165	39538.00	48.38	74.00	-25.62	V	Peak	Pass	SHF

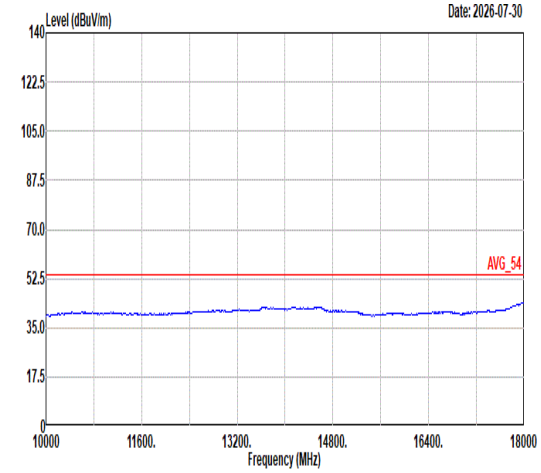
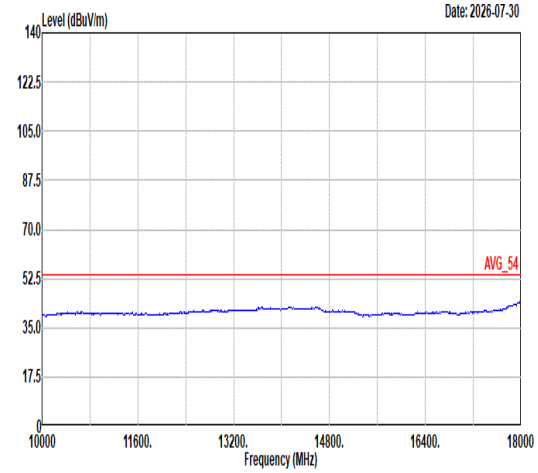
Mode	1	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5625.27 60.08 68.20 -8.12 42.13 33.00 12.10 30.15 3.00 200 342 Peak 2 5650.69 58.80 68.71 -9.91 40.74 33.11 12.13 30.18 3.00 200 342 Peak 3 5718.89 97.75 110.49 -12.74 79.16 33.68 12.19 30.28 3.00 200 342 Peak 4 5720.13 96.03 111.09 -15.06 77.44 33.68 12.19 30.28 3.00 200 342 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5755.00 128.34 ------ ------ 109.53 33.92 12.24 30.35 3.00 200 342 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5755.00 119.55 ------ ------ 100.82 33.83 12.23 30.33 3.00 200 342 Average

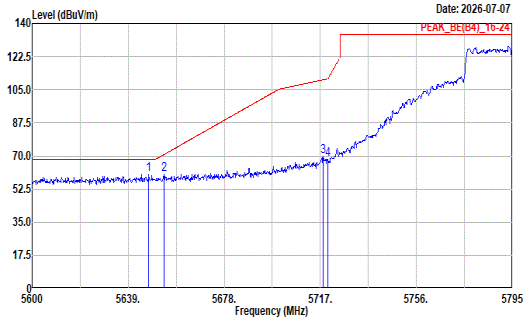
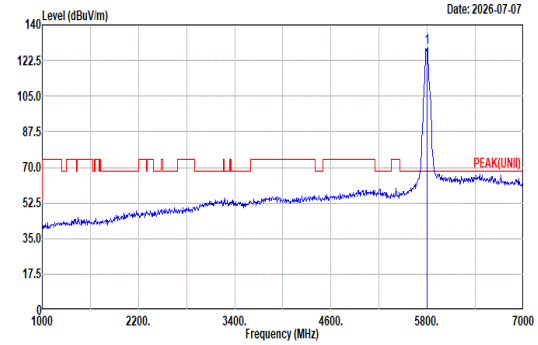
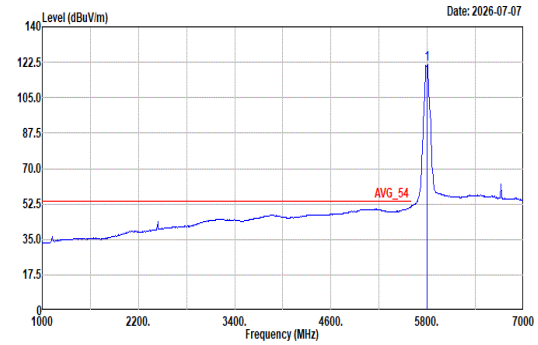
Mode	1	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.65 63.10 111.61 -48.51 44.03 34.21 12.33 30.47 3.00 200 342 Peak 2 5874.73 63.64 105.28 -41.64 44.53 34.25 12.36 30.50 3.00 200 342 Peak 3 5924.65 63.05 68.46 -5.41 43.96 34.25 12.41 30.57 3.00 200 342 Peak 4 5933.62 66.14 68.20 -2.06 47.08 34.23 12.42 30.59 3.00 200 342 Peak	Blank

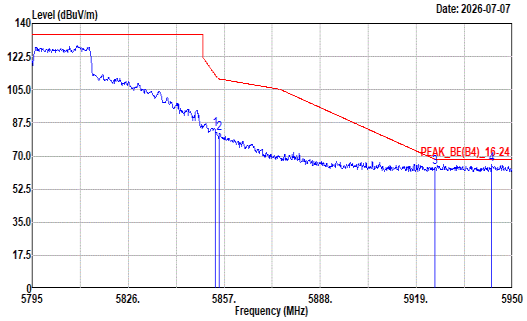
Mode	1	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5646.35 60.67 68.20 -7.53 42.64 33.09 12.12 30.18 3.00 179 344 Peak 2 5651.31 61.21 69.17 -7.96 43.15 33.11 12.13 30.18 3.00 179 344 Peak 3 5719.20 97.27 110.57 -13.30 78.68 33.68 12.19 30.28 3.00 179 344 Peak 4 5720.13 95.31 111.09 -15.78 76.72 33.68 12.19 30.28 3.00 179 344 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 126.76 ------ ------ 108.06 33.81 12.22 30.33 3.00 179 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 118.52 ------ ------ 99.79 33.83 12.23 30.33 3.00 179 344 Average

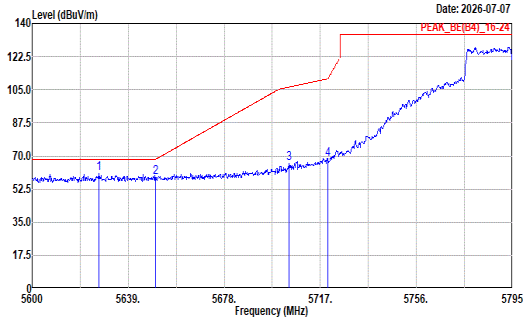
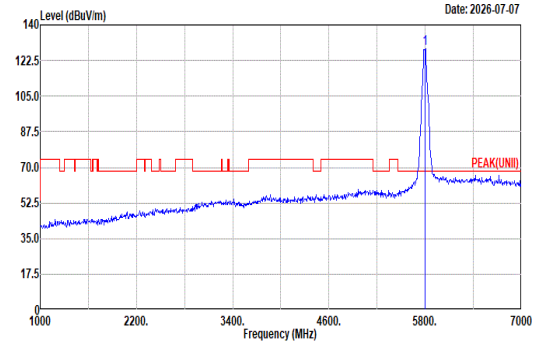
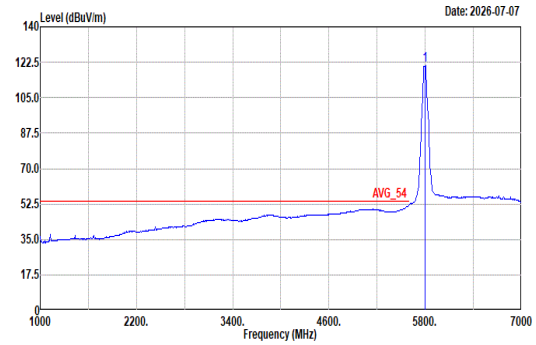
Mode	1	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.84 62.49 111.16 -48.67 43.42 34.21 12.33 30.47 3.00 179 344 Peak 2 5870.83 64.55 106.37 -41.82 45.46 34.24 12.35 30.50 3.00 179 344 Peak 3 5924.85 64.23 68.31 -4.08 45.14 34.25 12.41 30.57 3.00 179 344 Peak 4 5948.44 65.45 68.20 -2.75 46.42 34.20 12.44 30.61 3.00 179 344 Peak	Blank

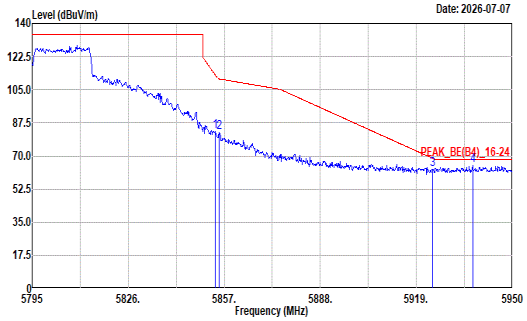
Mode	1	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7110.00 62.11 68.20 -6.09 48.90 36.46 13.57 38.03 1.21 183 360 Peak 2 11510.00 53.30 74.00 -20.70 38.82 39.16 17.27 42.41 0.46 155 49 Peak 3 11510.00 45.40 54.00 -8.60 30.92 39.16 17.27 42.41 0.46 155 49 Average 4 17265.00 51.13 68.20 -17.07 35.86 38.40 21.19 44.80 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7110.00 57.82 68.20 -10.38 44.61 36.46 13.57 38.03 1.21 160 360 Peak 2 11510.00 52.29 74.00 -21.71 37.81 39.16 17.27 42.41 0.46 200 320 Peak 3 11510.00 42.54 54.00 -11.46 28.06 39.16 17.27 42.41 0.46 200 320 Average 4 17265.00 52.03 68.20 -16.17 36.76 38.40 21.19 44.80 0.48 -- -- Peak

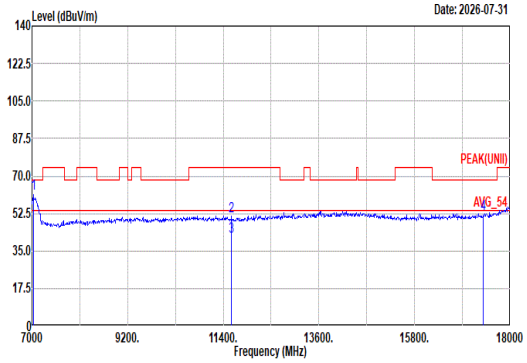
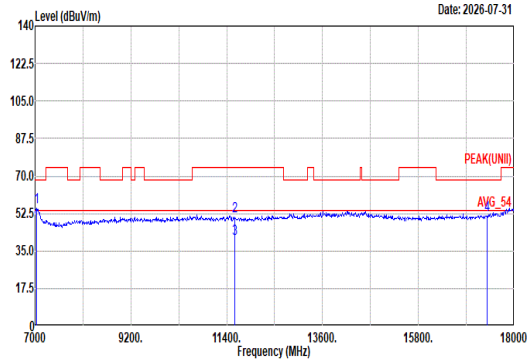
Mode	1	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH151_5755MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

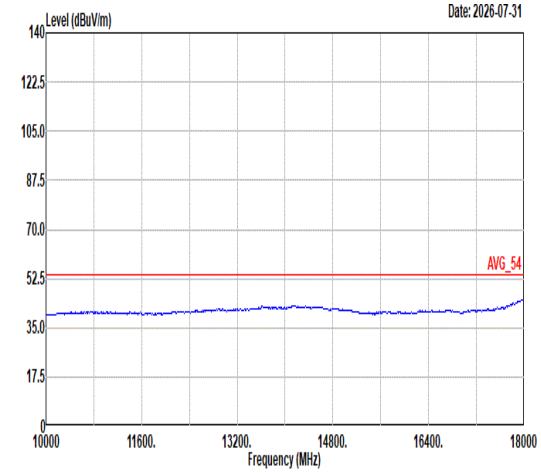
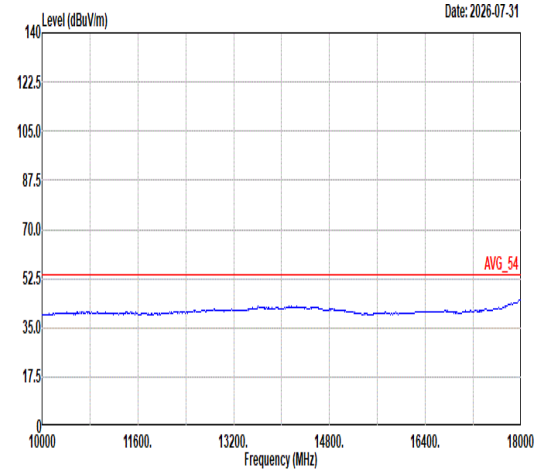
Mode	2	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5647.39 60.09 68.20 -8.11 42.05 33.09 12.13 30.18 3.00 200 342 Peak 2 5653.43 60.34 70.75 -10.41 42.27 33.13 12.13 30.19 3.00 200 342 Peak 3 5718.17 69.56 110.29 -40.73 50.98 33.67 12.19 30.28 3.00 200 342 Peak 4 5720.12 68.21 111.07 -42.86 49.62 33.68 12.19 30.28 3.00 200 342 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 129.07 ------ ------ 110.08 34.12 12.28 30.41 3.00 200 342 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 121.33 ------ ------ 102.38 34.07 12.27 30.39 3.00 200 342 Average

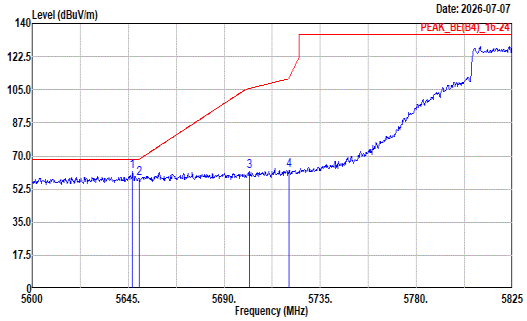
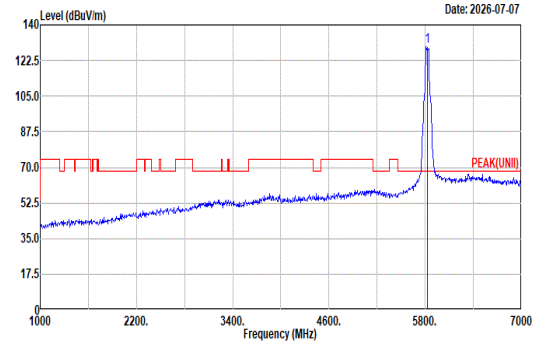
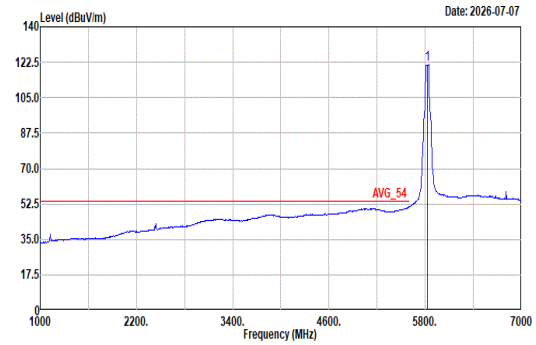
Mode	2	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.06 84.19 112.95 -28.76 65.12 34.21 12.33 30.47 3.00 200 342 Peak 2 5855.45 82.06 110.67 -28.61 62.99 34.21 12.33 30.47 3.00 200 342 Peak 3 5924.89 64.08 68.28 -4.20 44.99 34.25 12.41 30.57 3.00 200 342 Peak 4 5943.34 65.72 68.20 -2.48 46.68 34.21 12.43 30.60 3.00 200 342 Peak	Blank

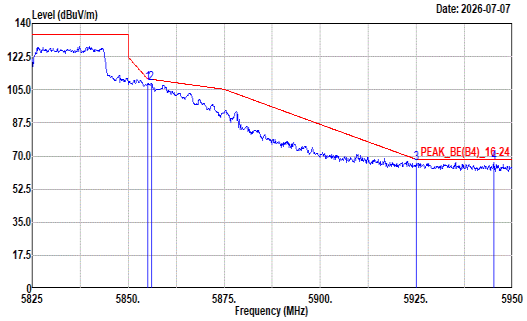
Mode	2	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5627.11 60.89 68.20 -7.31 42.92 33.01 12.11 30.15 3.00 179 344 Peak 2 5650.12 58.63 68.29 -9.66 40.58 33.10 12.13 30.18 3.00 179 344 Peak 3 5704.13 65.99 106.36 -40.37 47.45 33.62 12.18 30.26 3.00 179 344 Peak 4 5720.12 67.99 111.07 -43.08 49.40 33.68 12.19 30.28 3.00 179 344 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 128.27 ------ ------ 109.28 34.11 12.28 30.40 3.00 179 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 121.11 ------ ------ 102.16 34.07 12.27 30.39 3.00 179 344 Average

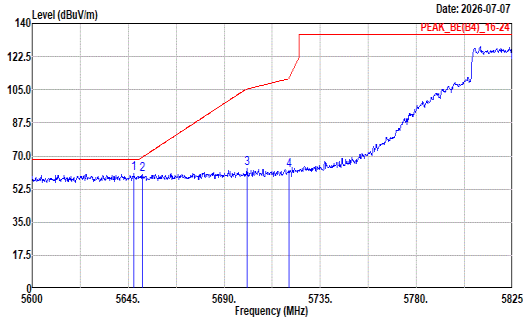
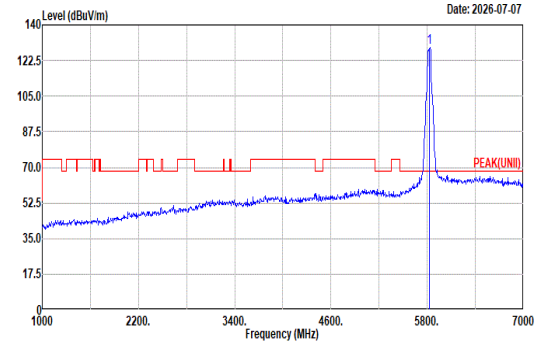
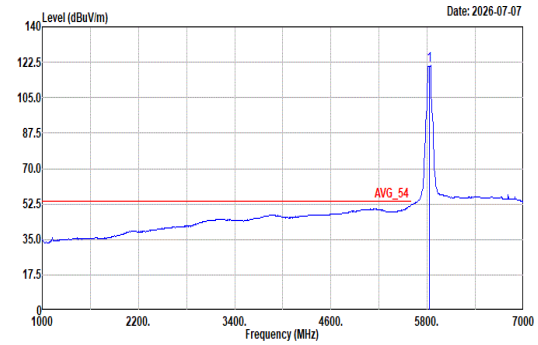
Mode	2	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.21 82.95 112.60 -29.65 63.88 34.21 12.33 30.47 3.00 179 344 Peak 2 5855.30 82.39 110.72 -28.33 63.32 34.21 12.33 30.47 3.00 179 344 Peak 3 5924.27 63.13 68.74 -5.61 44.04 34.25 12.41 30.57 3.00 179 344 Peak 4 5937.14 64.98 68.20 -3.22 45.91 34.23 12.43 30.59 3.00 179 344 Peak	Blank

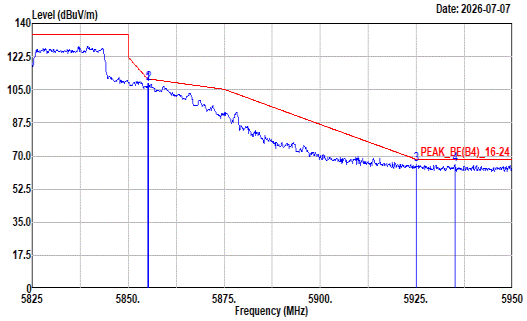
Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7042.00 61.70 68.20 -6.50 48.77 36.07 13.51 37.95 1.30 178 351 Peak 2 11590.00 51.33 74.00 -22.67 37.21 38.84 17.33 42.51 0.46 356 360 Peak 3 11590.00 41.77 54.00 -12.23 27.65 38.84 17.33 42.51 0.46 356 360 Average 4 17385.00 52.17 68.20 -16.03 36.69 38.64 21.27 44.92 0.49 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7042.00 55.27 68.20 -12.93 42.34 36.07 13.51 37.95 1.30 200 3 Peak 2 11590.00 51.09 74.00 -22.91 36.97 38.84 17.33 42.51 0.46 356 345 Peak 3 11590.00 40.63 54.00 -13.37 26.51 38.84 17.33 42.51 0.46 356 345 Average 4 17385.00 51.69 68.20 -16.51 36.21 38.64 21.27 44.92 0.49 -- -- Peak

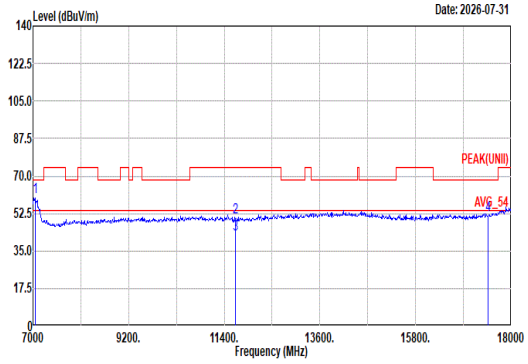
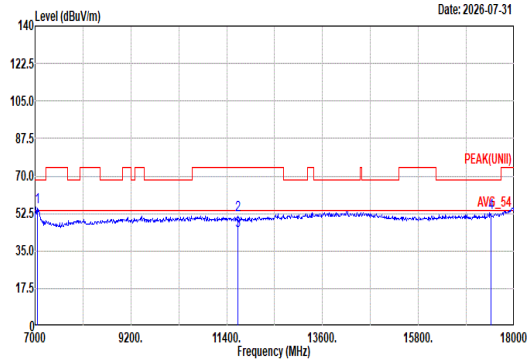
Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH159_5795MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

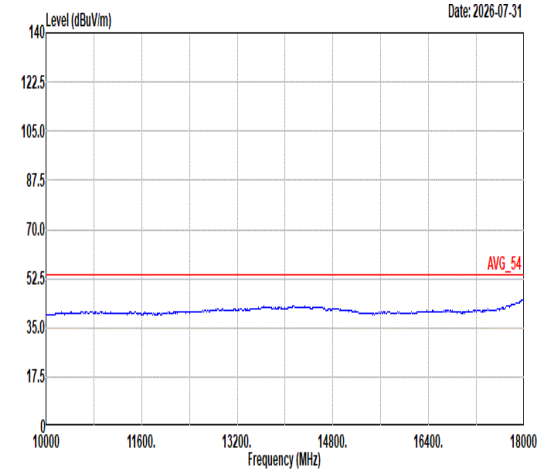
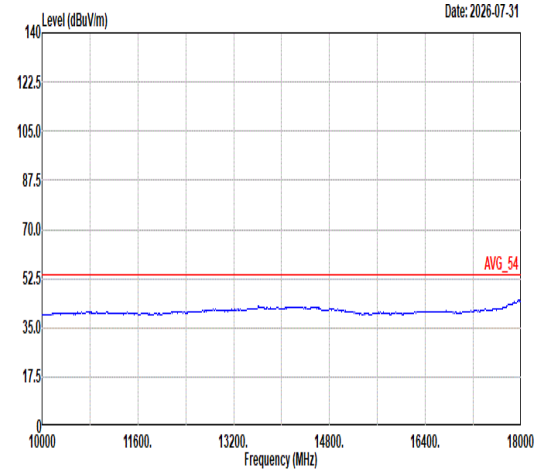
Mode	3	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5647.03 61.99 68.20 -6.21 43.96 33.09 12.12 30.18 3.00 200 342 Peak 2 5650.18 57.87 68.33 -10.46 39.82 33.10 12.13 30.18 3.00 200 342 Peak 3 5701.70 61.79 105.68 -43.89 43.26 33.61 12.18 30.26 3.00 200 342 Peak 4 5720.38 62.15 111.66 -49.51 43.56 33.68 12.19 30.28 3.00 200 342 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 129.37 ------ ------ 110.38 34.12 12.28 30.41 3.00 200 342 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 121.54 ------ ------ 102.52 34.15 12.30 30.43 3.00 200 342 Average

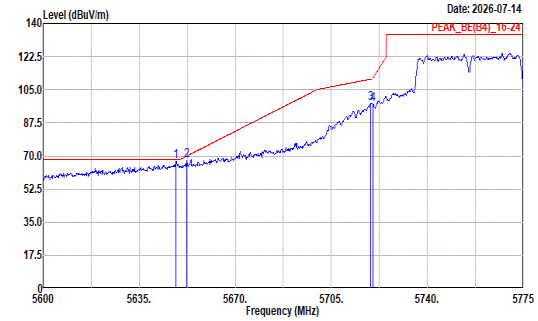
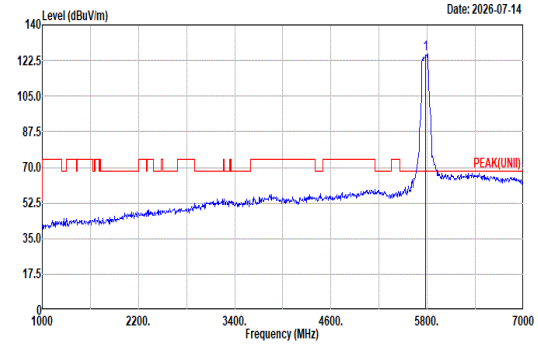
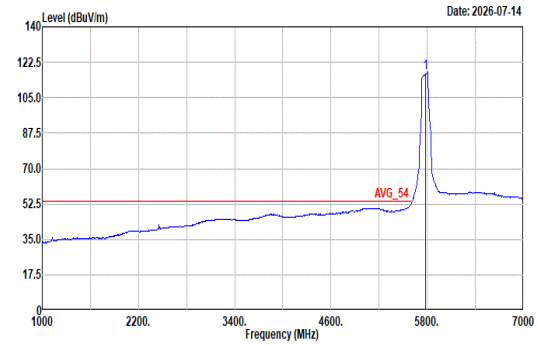
Mode	3	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 108.11 110.80 -2.69 89.04 34.21 12.33 30.47 3.00 200 342 Peak 2 5856.00 108.41 110.52 -2.11 89.35 34.21 12.33 30.48 3.00 200 342 Peak 3 5924.88 66.11 68.29 -2.18 47.02 34.25 12.41 30.57 3.00 200 342 Peak 4 5945.13 66.79 68.20 -1.41 47.74 34.21 12.44 30.60 3.00 200 342 Peak	Blank

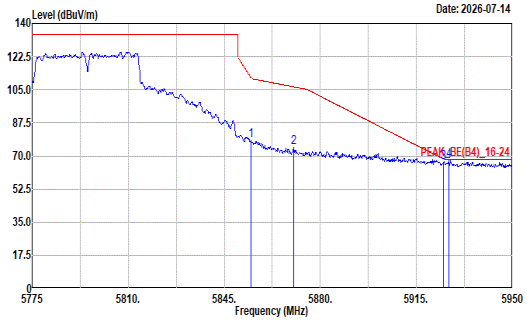
Mode	3	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5647.70 60.56 68.20 -7.64 42.52 33.09 12.13 30.18 3.00 179 344 Peak 2 5651.53 60.08 69.33 -9.25 42.02 33.12 12.13 30.19 3.00 179 344 Peak 3 5700.58 63.27 105.36 -42.09 44.74 33.60 12.18 30.25 3.00 179 344 Peak 4 5720.15 62.57 111.14 -48.57 43.98 33.68 12.19 30.28 3.00 179 344 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5825.00 128.91 ------ ------ 109.88 34.17 12.31 30.45 3.00 179 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5825.00 120.78 ------ ------ 101.76 34.15 12.30 30.43 3.00 179 344 Average

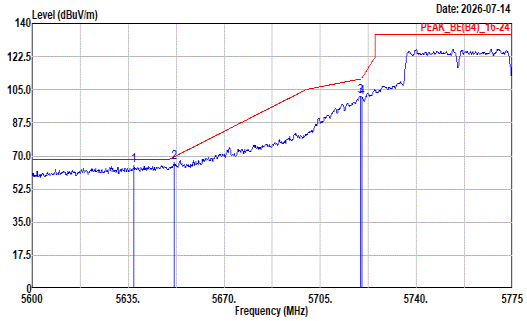
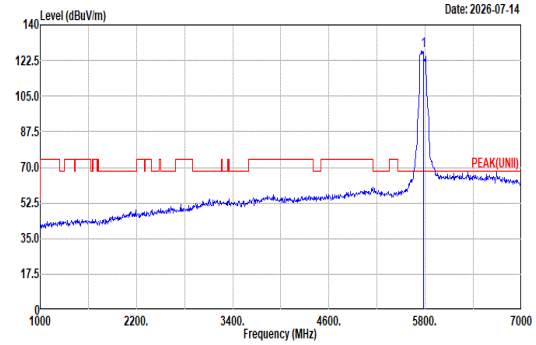
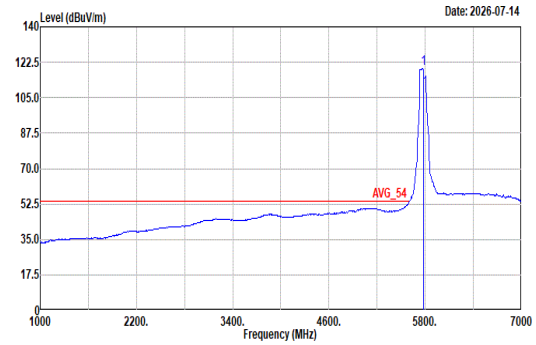
Mode	3	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 107.76 110.80 -3.04 88.69 34.21 12.33 30.47 3.00 179 344 Peak 2 5855.25 108.14 110.73 -2.59 89.07 34.21 12.33 30.47 3.00 179 344 Peak 3 5925.00 65.32 68.20 -2.88 46.23 34.25 12.41 30.57 3.00 179 344 Peak 4 5935.00 65.73 68.20 -2.47 46.66 34.23 12.43 30.59 3.00 179 344 Peak	Blank

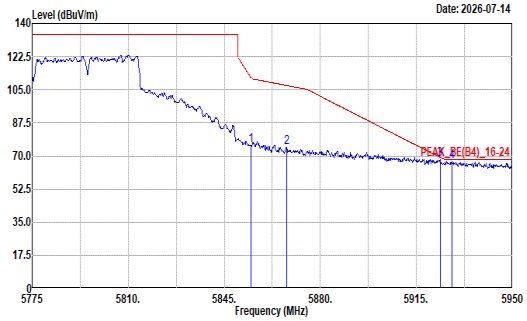
Mode	3	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7046.00 60.18 68.20 -8.02 47.26 36.08 13.51 37.96 1.29 190 357 Peak 2 11650.00 50.66 74.00 -23.34 36.71 38.70 17.38 42.59 0.46 100 7 Peak 3 11650.00 43.03 54.00 -10.97 29.08 38.70 17.38 42.59 0.46 100 7 Average 4 17475.00 51.83 68.20 -16.37 36.37 38.65 21.33 45.01 0.49 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 7046.00 55.36 68.20 -12.84 42.44 36.08 13.51 37.96 1.29 200 358 Peak 2 11650.00 52.00 74.00 -22.00 38.05 38.70 17.38 42.59 0.46 169 318 Peak 3 11650.00 44.37 54.00 -9.63 30.42 38.70 17.38 42.59 0.46 169 318 Average 4 17475.00 52.75 68.20 -15.45 37.29 38.65 21.33 45.01 0.49 -- -- Peak

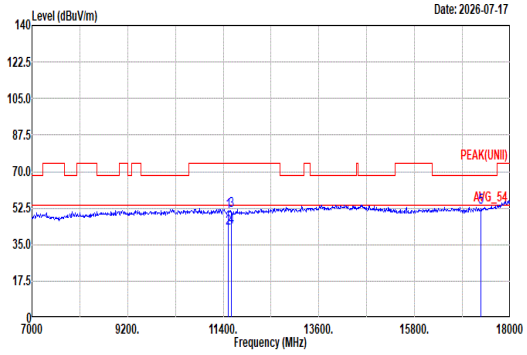
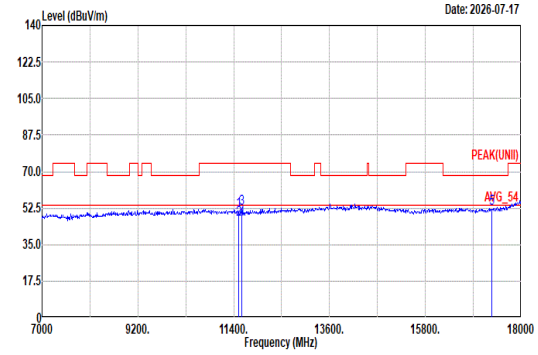
Mode	3	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH165_5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

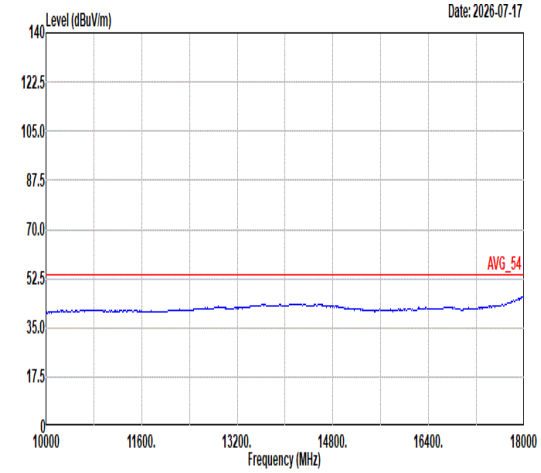
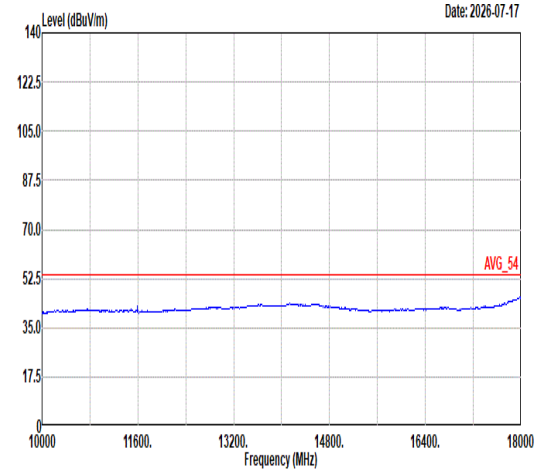
Mode	4	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.48 67.21 68.20 -0.99 49.17 33.09 12.13 30.18 3.00 200 342 Peak 2 5652.33 67.43 69.93 -2.50 49.37 33.12 12.13 30.19 3.00 200 342 Peak 3 5719.35 97.98 110.62 -12.64 79.39 33.68 12.19 30.28 3.00 200 342 Peak 4 5720.05 97.16 110.91 -13.75 78.57 33.68 12.19 30.28 3.00 200 342 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 125.73 ------ ------ 106.74 34.12 12.28 30.41 3.00 200 342 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 117.47 ------ ------ 98.63 33.95 12.25 30.36 3.00 200 342 Average

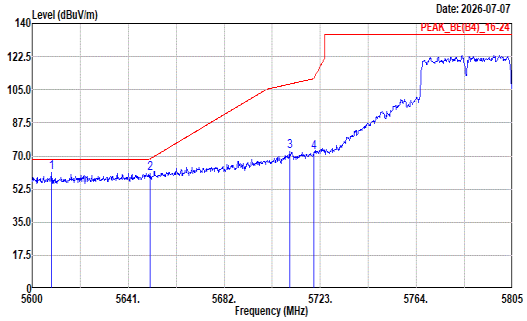
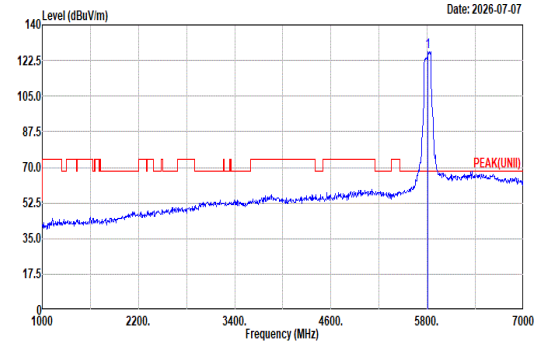
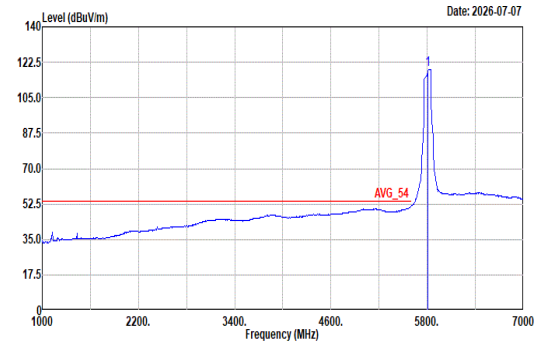
Mode	4	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 78.03 111.26 -33.23 58.96 34.21 12.33 30.47 3.00 200 342 Peak 2 5870.20 74.38 106.54 -32.16 55.29 34.24 12.35 30.50 3.00 200 342 Peak 3 5924.98 66.37 68.22 -1.85 47.28 34.25 12.41 30.57 3.00 200 342 Peak 4 5926.73 67.58 68.20 -0.62 48.49 34.25 12.42 30.58 3.00 200 342 Peak	Blank

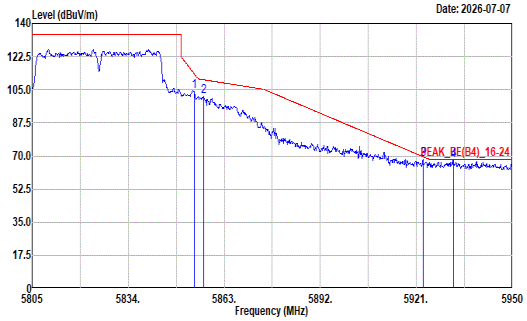
Mode	4	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5637.10 64.81 68.20 -3.39 46.80 33.05 12.12 30.16 3.00 179 344 Peak 2 5651.80 66.67 69.54 -2.87 48.61 33.12 12.13 30.19 3.00 179 344 Peak 3 5719.53 101.65 110.67 -9.02 83.06 33.68 12.19 30.28 3.00 179 344 Peak 4 5720.05 101.13 110.91 -9.78 82.54 33.68 12.19 30.28 3.00 179 344 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 127.20 ------ ------ 108.50 33.81 12.22 30.33 3.00 179 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 119.39 ------ ------ 100.55 33.95 12.25 30.36 3.00 179 344 Average

Mode	4	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 75.53 111.26 -35.73 56.46 34.21 12.33 30.47 3.00 179 344 Peak 2 5867.75 74.74 107.23 -32.49 55.64 34.24 12.35 30.49 3.00 179 344 Peak 3 5923.58 67.93 69.25 -1.32 48.84 34.25 12.41 30.57 3.00 179 344 Peak 4 5927.95 67.34 68.20 -0.86 48.26 34.24 12.42 30.58 3.00 179 344 Peak	Blank

Mode	4	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11510.00 50.47 74.00 -23.53 35.99 39.16 17.27 42.41 0.46 100 51 Peak 2 11510.00 42.81 54.00 -11.19 28.33 39.16 17.27 42.41 0.46 100 51 Average 3 11590.00 51.46 74.00 -22.54 37.34 38.84 17.33 42.51 0.46 300 35 Peak 4 11590.00 43.44 54.00 -10.56 29.32 38.84 17.33 42.51 0.46 300 35 Average 5 17325.00 52.86 68.20 -15.34 37.56 38.45 21.23 44.86 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 11510.00 51.37 74.00 -22.63 36.89 39.16 17.27 42.41 0.46 300 32 Peak 2 11510.00 46.99 54.00 -7.01 32.51 39.16 17.27 42.41 0.46 300 32 Average 3 11590.00 52.32 74.00 -21.68 38.20 38.84 17.33 42.51 0.46 303 24 Peak 4 11590.00 46.85 54.00 -7.15 32.73 38.84 17.33 42.51 0.46 303 24 Average 5 17325.00 52.26 68.20 -15.94 36.96 38.45 21.23 44.86 0.48 -- -- Peak

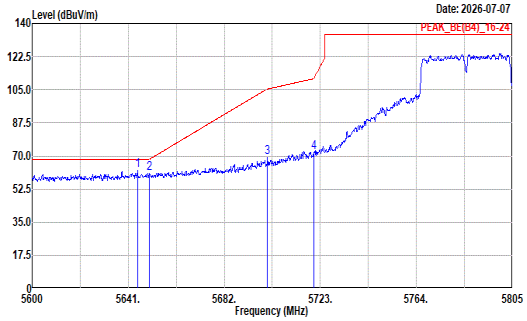
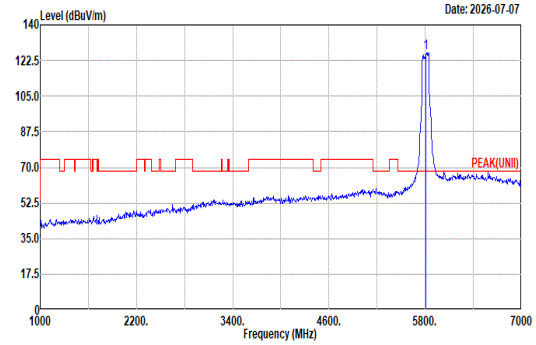
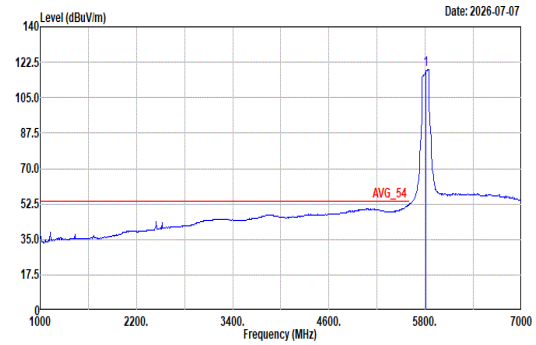
Mode	4	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH151+159_5755+5795MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

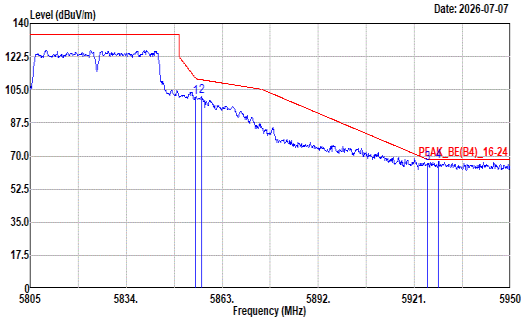
Mode	5	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5608.41 61.34 68.20 -6.86 43.44 32.93 12.09 30.12 3.00 200 342 Peak 2 5650.23 60.66 68.37 -7.71 42.61 33.10 12.13 30.18 3.00 200 342 Peak 3 5710.09 72.58 108.03 -35.45 54.03 33.64 12.18 30.27 3.00 200 342 Peak 4 5720.13 71.73 111.10 -39.37 53.14 33.68 12.19 30.28 3.00 200 342 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5805.00 126.97 ------ ------ 107.93 34.18 12.32 30.46 3.00 200 342 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5805.00 119.01 ------ ------ 100.02 34.11 12.28 30.40 3.00 200 342 Average

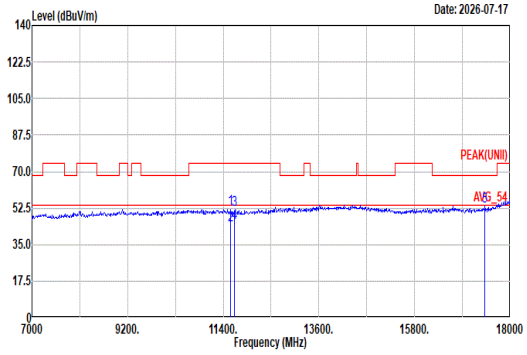
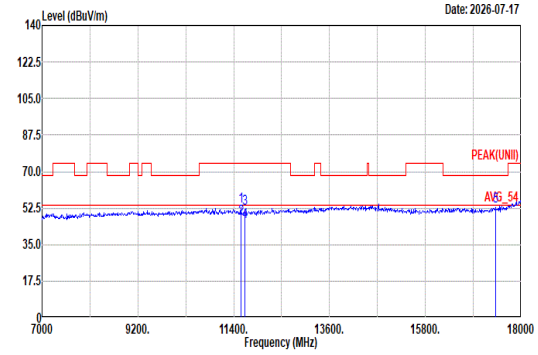
Mode	5	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH20-HY
Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5853.87	103.96	113.39	-9.43	84.89	34.21	12.33	30.47	3.00	200	342	Peak
2	5856.77	101.38	110.31	-8.93	82.31	34.21	12.34	30.48	3.00	200	342	Peak
3	5923.03	67.93	69.65	-1.72	48.84	34.25	12.41	30.57	3.00	200	342	Peak
4	5932.17	67.89	68.20	-0.31	48.81	34.24	12.42	30.58	3.00	200	342	Peak

Mode	5	
	Band Edge - L	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5644.90 62.29 68.20 -5.91 44.27 33.08 12.12 30.18 3.00 179 344 Peak 2 5650.02 60.56 68.21 -7.65 42.51 33.10 12.13 30.18 3.00 179 344 Peak 3 5700.45 69.00 105.33 -36.33 50.47 33.60 12.18 30.25 3.00 179 344 Peak 4 5720.13 71.75 111.10 -39.35 53.16 33.68 12.19 30.28 3.00 179 344 Peak	 Site : 03CH20-HY Condition : PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5805.00 126.51 ------ ------ 107.47 34.18 12.32 30.46 3.00 179 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition : AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5805.00 118.77 ------ ------ 99.78 34.11 12.28 30.40 3.00 179 344 Average

Mode	5	
	Band Edge - R	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.88 101.16 111.07 -9.91 82.09 34.21 12.33 30.47 3.00 179 344 Peak 2 5856.77 101.26 110.31 -9.05 82.19 34.21 12.34 30.48 3.00 179 344 Peak 3 5924.92 66.17 68.26 -2.09 47.08 34.25 12.41 30.57 3.00 179 344 Peak 4 5928.25 67.18 68.20 -1.02 48.10 34.24 12.42 30.58 3.00 179 344 Peak	Blank

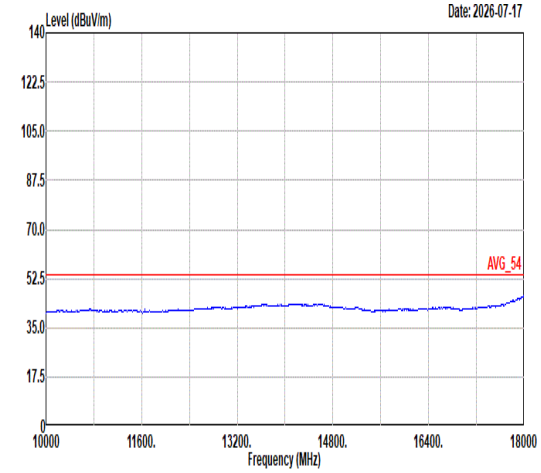
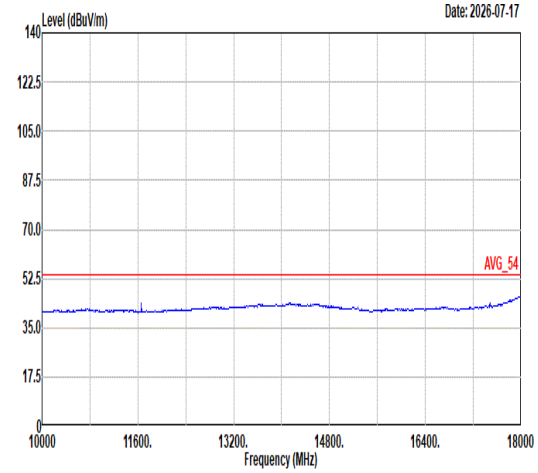
Mode	5	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL

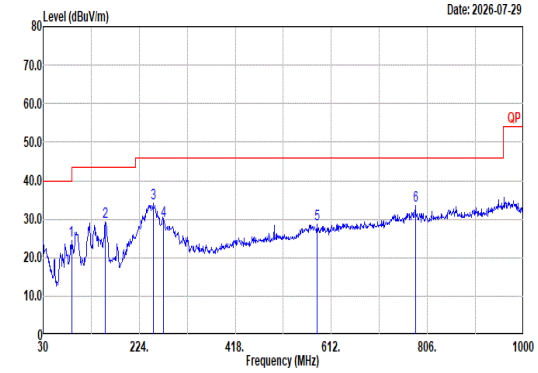
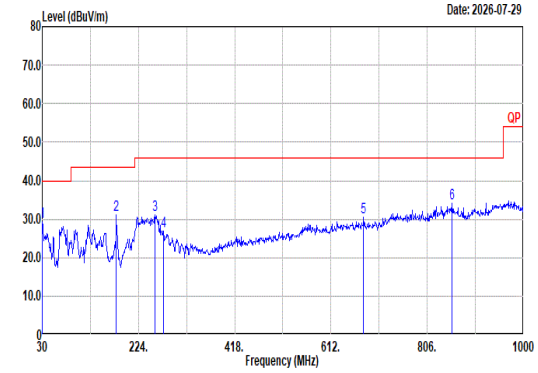
Horizontal:

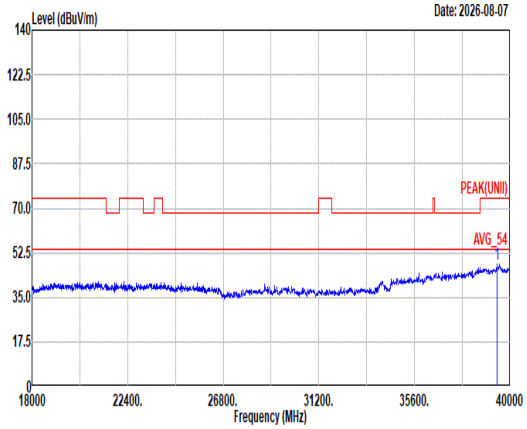
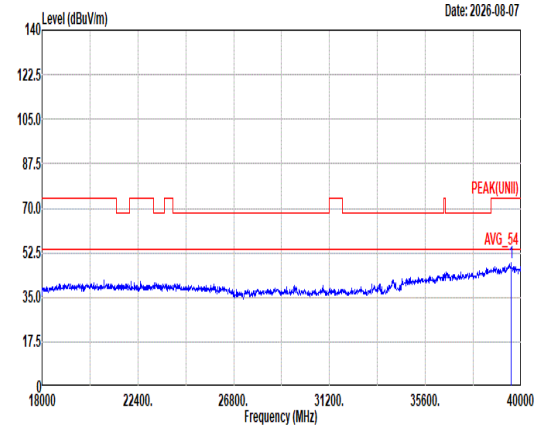
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11570.00	52.37	74.00	-21.63	38.16	38.92	17.32	42.49	0.46	200	31	Peak
2	11570.00	44.63	54.00	-9.37	30.42	38.92	17.32	42.49	0.46	200	31	Average
3	11650.00	51.90	74.00	-22.10	37.95	38.70	17.38	42.59	0.46	100	48	Peak
4	11650.00	45.30	54.00	-8.70	31.35	38.70	17.38	42.59	0.46	100	48	Average
5	17415.00	53.56	68.20	-14.64	38.06	38.67	21.29	44.95	0.49	--	--	Peak

Vertical:

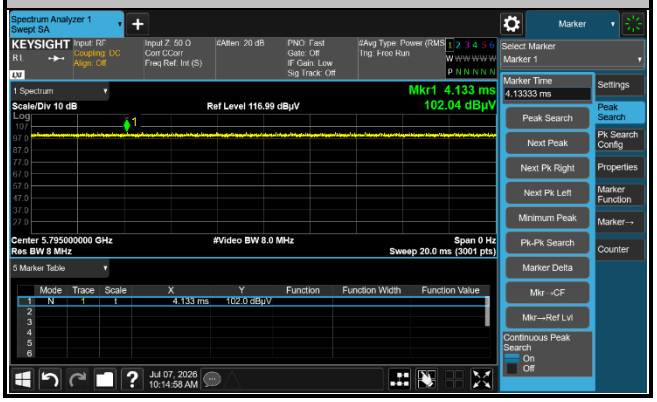
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11570.00	53.22	74.00	-20.78	39.01	38.92	17.32	42.49	0.46	310	31	Peak
2	11570.00	47.63	54.00	-6.37	33.42	38.92	17.32	42.49	0.46	310	31	Average
3	11650.00	52.32	74.00	-21.68	38.37	38.70	17.38	42.59	0.46	161	324	Peak
4	11650.00	45.93	54.00	-8.07	31.98	38.70	17.38	42.59	0.46	161	324	Average
5	17415.00	53.20	68.20	-15.00	37.70	38.67	21.29	44.95	0.49	--	--	Peak

Mode	5	
	Harmonic	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

Mode	6	
	LF	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH20-HY Condition: QP 3m Bilog_55606 & 08_251126 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 87.23 24.36 40.00 -15.64 44.68 13.54 1.72 35.73 0.15 -- -- Peak 2 155.13 29.42 43.50 -14.08 45.46 17.17 2.20 35.61 0.20 -- -- Peak 3 252.13 34.15 46.00 -11.85 47.87 18.80 2.74 35.40 0.14 -- -- Peak 4 273.47 29.70 46.00 -16.30 43.32 18.74 2.84 35.35 0.15 -- -- Peak 5 583.87 28.83 46.00 -17.17 33.28 25.80 4.04 34.51 0.22 -- -- Peak 6 781.75 33.36 46.00 -12.64 34.09 28.16 4.62 33.81 0.30 -- -- Peak	 Site : 03CH20-HY Condition: QP 3m Bilog_55606 & 08_251126 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 30.00 29.20 40.00 -10.80 39.19 24.49 1.16 35.81 0.17 -- -- Peak 2 179.38 31.09 43.50 -12.41 48.90 15.19 2.34 35.55 0.21 -- -- Peak 3 256.98 30.99 46.00 -15.01 44.04 19.43 2.76 35.38 0.14 -- -- Peak 4 274.44 26.94 46.00 -19.06 40.58 18.72 2.84 35.35 0.15 -- -- Peak 5 677.96 30.58 46.00 -15.42 33.69 26.50 4.32 34.17 0.24 -- -- Peak 6 855.47 34.07 46.00 -11.93 33.43 29.06 4.85 33.48 0.21 -- -- Peak

Mode	7	
	SHF	
	U-NII-3_5.725-5.85_Proprietary_CH157+165_5785+5825MHz	
ANT	MIMO	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 1m BBHA9170_1230_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 39384.00 48.04 74.00 -25.96 42.12 45.38 32.82 62.74 -9.54 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 1m BBHA9170_1230_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 39538.00 48.38 74.00 -25.62 42.69 45.32 32.89 62.98 -9.54 -- -- Peak

Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
Proprietary radio 5G	100%	-	-	10Hz

Proprietary radio 5G