FCC RADIO TEST REPORT

FCC ID	:	APYHRO00342
Equipment	:	Smart phone
Brand Name	:	SHARP
Model Name	:	APYHRO00342
Applicant	:	SHARP CORPORATION 2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN
Manufacturer	:	SHARP CORPORATION 2-1-25, Kyutaromachi, Chuo-ku, Osaka city, Osaka 541-8522, JAPAN
Standard	:	FCC Part 15 Subpart E §15.407

The product was received on May. 15, 2026 and testing was performed from May 22,2026 to Jun. 25, 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.)

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History of this test report

Report No.	Version	Description	Issue Date
FR5D2218F	01	Initial issue of report	Jul. 16, 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: Keven Cheng

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac, GNSS and NFC. **Antenna Type** WLAN: Loop Antenna

Antenna information		
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	Ant. 4: 0.83

Remark: 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 3786 designated by NCC (National Communication Commission).

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.: TW3786

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

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). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and accessory (Adapter), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40
2. The above Frequency and Channel with "#" are 802.11ac VHT80

2.2 Test Mode

The power for 802.11ac mode is smaller than 802.11an mode, so all other conducted and radiated test is covered by 802.11an mode.

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

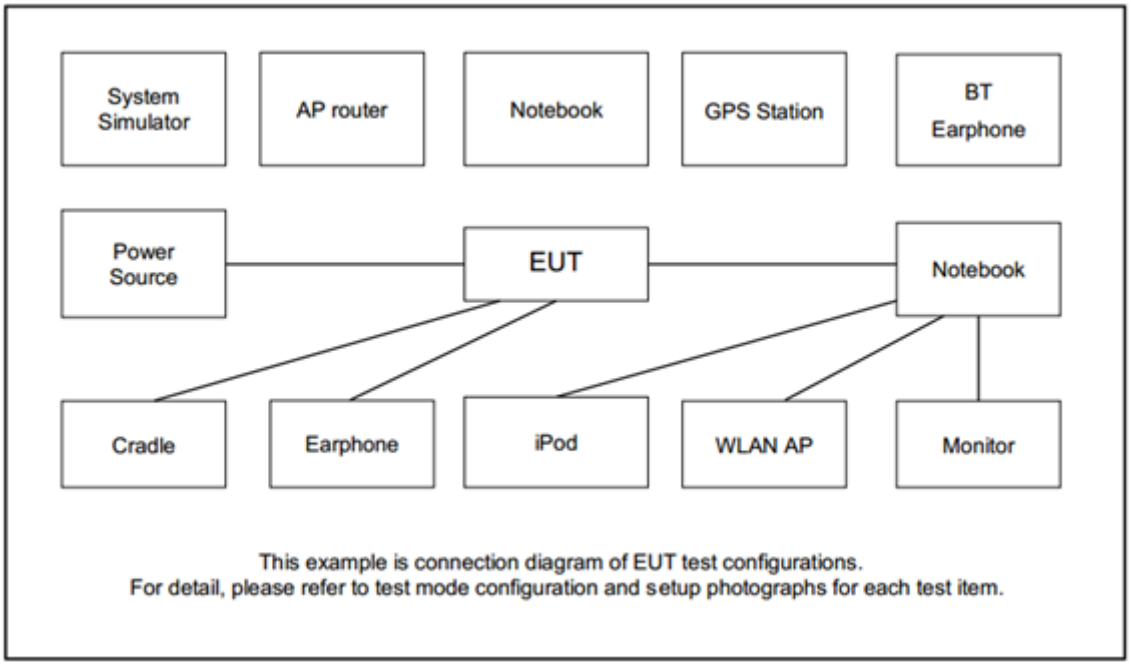
SISO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1: Bluetooth Link + WLAN(5GHz) Link + Earphone + MPEG 4 + USB Cable + Adapter + Battery 1

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



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	SonyErricsson	MW600	PY700A2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded,1.8m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P： Unshielded, 1.2m DC O/P： Shielded, 1.8m

2.5 EUT Operation Test Setup

The RF test items, make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

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 4.2 dB and 10 dB attenuator.

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

= 4.2 + 10 = 14.2 (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.

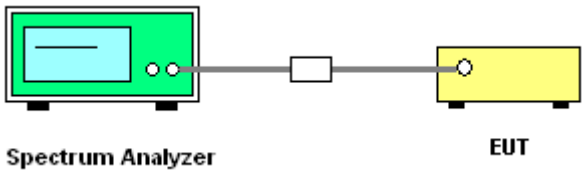
3.1.2 Measuring Instruments

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.

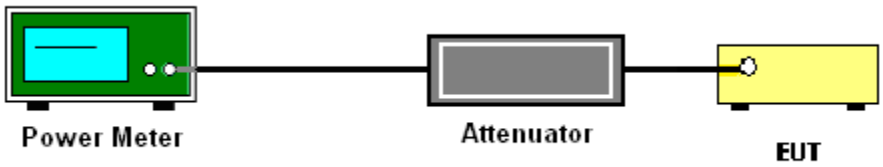
3.2.3 Test Procedures

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.

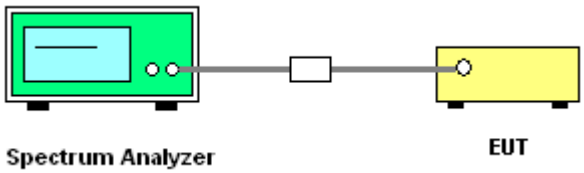
 # Method SA-2 #

(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	68.3

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

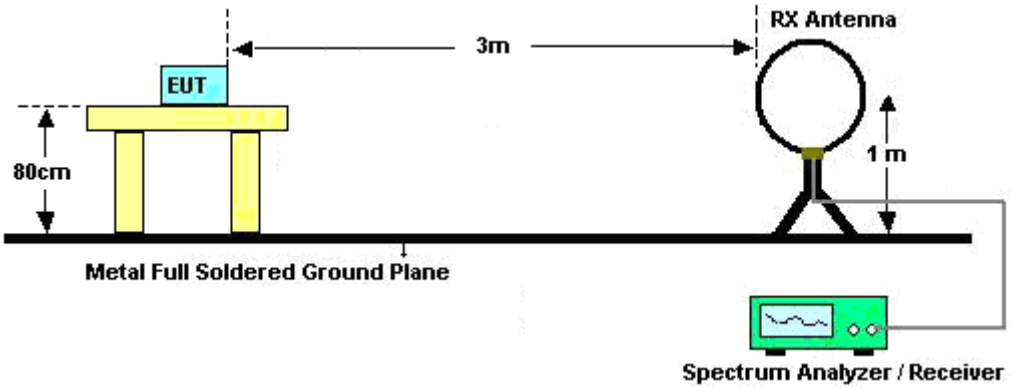
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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 "-".

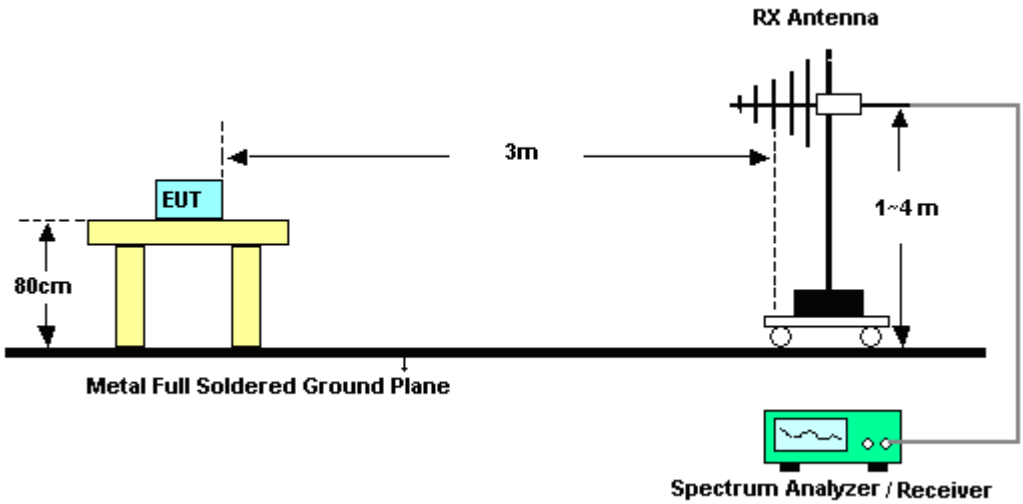
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

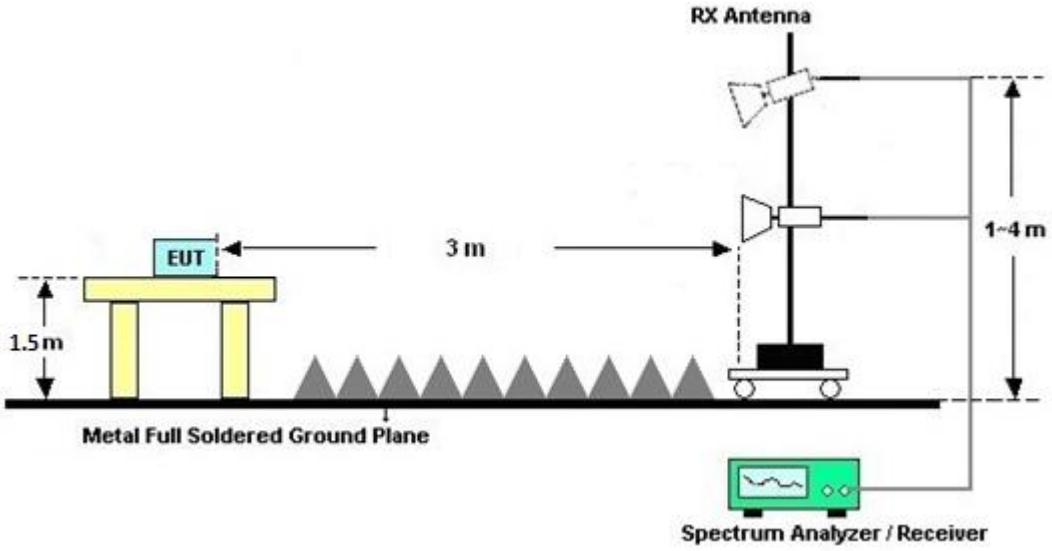
For radiated emissions below 30MHz



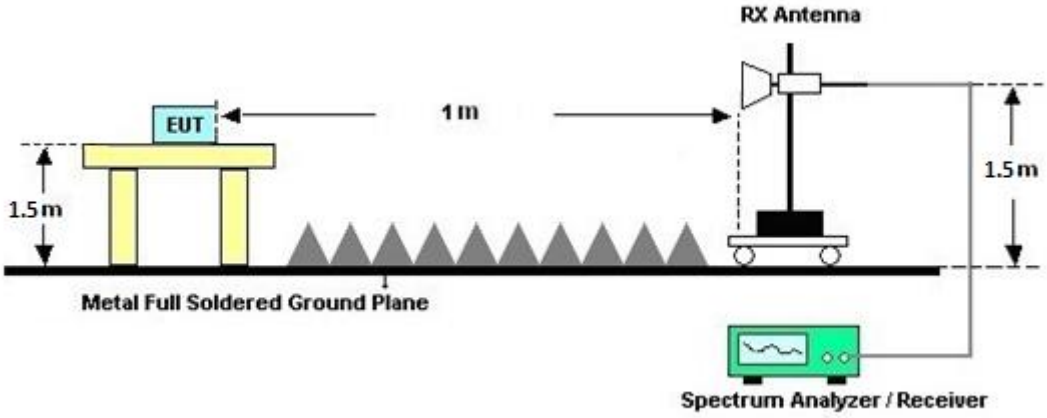
For radiated emissions from 30MHz to 1GHz



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.

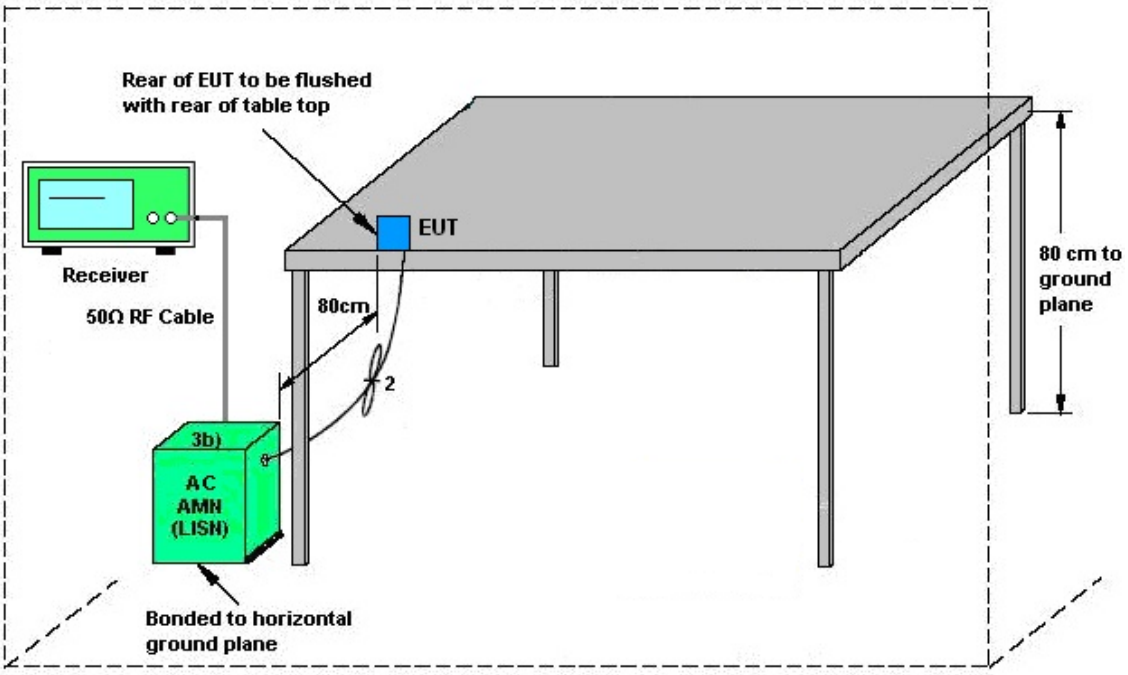
3.5.2 Measuring Instruments

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
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	May 22,2026 ~Jun.25,2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	May 22,2026 ~Jun.25,2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	May 22,2026 ~Jun.25,2026	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	May 22,2026 ~Jun.25,2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_240513	N/A	Conducted Other Test Item	N/A	May 22,2026 ~Jun.25,2026	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 02, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 02, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Jun. 02, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 02, 2026	Jun. 02, 2026	Mar. 01, 2027	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Apr. 09, 2026	Jun. 02, 2026	Apr. 08, 2027	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Apr. 10, 2026	Jun. 02, 2026	Apr. 10, 2027	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Jun. 02, 2026	Oct. 20, 2026	Conduction (CO07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	May 28, 2026 ~Jun. 23, 2026	Dec. 10, 2026	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	May 28, 2026 ~Jun. 23, 2026	Nov. 25, 2026	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 02, 2025	May 28, 2026 ~Jun. 23, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz-40GHz	Jul. 02, 2025	May 28, 2026 ~Jun. 23, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 18, 2026	May 28, 2026 ~Jun. 23, 2026	Mar. 17, 2027	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	Feb. 06, 2026	May 28, 2026 ~Jun. 23, 2026	Feb. 05, 2027	Radiation (03CH12-HY)
Amplifier	EMCI	EMC051845S E	980729	1GHz-18GHz	Dec. 17, 2025	May 28, 2026 ~Jun. 23, 2026	Dec. 16, 2026	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	May 28, 2026 ~Jun. 23, 2026	Dec. 01, 2026	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Sep. 09, 2025	May 28, 2026 ~Jun. 23, 2026	Sep. 08, 2026	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 08, 2025	May 28, 2026 ~Jun. 23, 2026	Sep. 07, 2026	Radiation (03CH12-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Notch Filter	Wainwright	WHKX8-5872.5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 11, 2026	May 28, 2026 ~Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700-3000-18000-60ST	SN2	3GHz High Pass Filter	Mar. 11, 2026	May 28, 2026 ~Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-900-1000-15000-60SS	SN11	1GHz High Pass Filter	Mar. 11, 2026	May 28, 2026 ~Jun. 23, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN111	1.53GHz Low Pass Filter	Nov. 04, 2025	May 28, 2026 ~Jun. 23, 2026	Nov. 03, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Oct. 31, 2025	May 28, 2026 ~Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Oct. 31, 2025	May 28, 2026 ~Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM-KM-1000	240905	30MHz~40GHz	Oct. 31, 2025	May 28, 2026 ~Jun. 23, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 26, 2025	May 28, 2026 ~Jun. 23, 2026	Aug. 25, 2026	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	May 28, 2026 ~Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	May 28, 2026 ~Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	May 28, 2026 ~Jun. 23, 2026	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	May 28, 2026 ~Jun. 23, 2026	N/A	Radiation (03CH12-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))	4.90 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))	4.90 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	YEN WU	Temperature:	21~25	°C
Test Date:	2026/5/22~2026/6/25	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 single antenna												
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 4	Ant 2	Ant 4	Ant 2	Ant 4	Ant 2		
11a	6Mbps	1	149	5745	18.00	-	37.33	-	15.11	-	0.5	Pass
11a	6Mbps	1	157	5785	18.75	-	35.05	-	15.04	-	0.5	Pass
11a	6Mbps	1	165	5825	18.58	-	36.36	-	15.11	-	0.5	Pass
HT20	MCS0	1	149	5745	19.18	-	35.71	-	15.08	-	0.5	Pass
HT20	MCS0	1	157	5785	19.46	-	37.58	-	15.12	-	0.5	Pass
HT20	MCS0	1	165	5825	19.27	-	37.31	-	15.12	-	0.5	Pass
HT40	MCS0	1	151	5755	38.17	-	78.03	-	35.07	-	0.5	Pass
HT40	MCS0	1	159	5795	39.13	-	78.94	-	35.11	-	0.5	Pass
VHT80	MCS0	1	155	5775	76.24	-	156.22	-	75.10	-	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 single antenna												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2	
11a	6Mbps	1	149	5745	18.80	-		30.00	-	0.83	-	Pass
11a	6Mbps	1	157	5785	18.70	-		30.00	-	0.83	-	Pass
11a	6Mbps	1	165	5825	18.90	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	149	5745	18.70	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	157	5785	18.70	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	165	5825	18.90	-		30.00	-	0.83	-	Pass
HT40	MCS0	1	151	5755	18.80	-		30.00	-	0.83	-	Pass
HT40	MCS0	1	159	5795	18.70	-		30.00	-	0.83	-	Pass
VHT20	MCS0	1	149	5745	18.60	-		30.00	-	0.83	-	Pass
VHT20	MCS0	1	157	5785	18.60	-		30.00	-	0.83	-	Pass
VHT20	MCS0	1	165	5825	18.80	-		30.00	-	0.83	-	Pass
VHT40	MCS0	1	151	5755	18.70	-		30.00	-	0.83	-	Pass
VHT40	MCS0	1	159	5795	18.60	-		30.00	-	0.83	-	Pass
VHT80	MCS0	1	155	5775	18.70	-		30.00	-	0.83	-	Pass

Report Number : FR5D2218F

TEST RESULTS DATA
Power Spectral Density

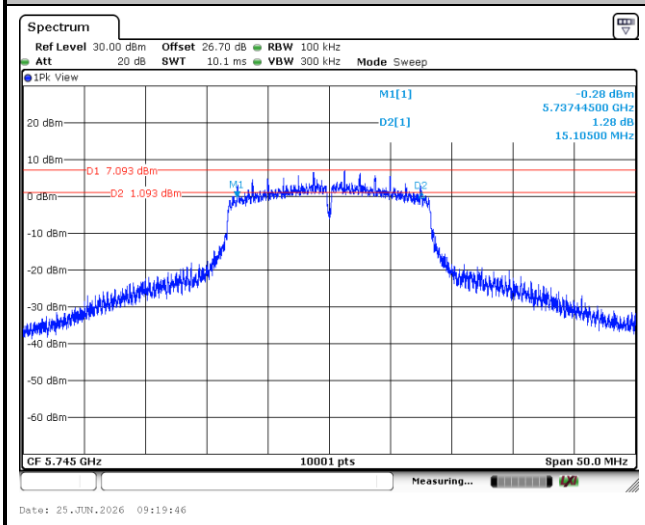
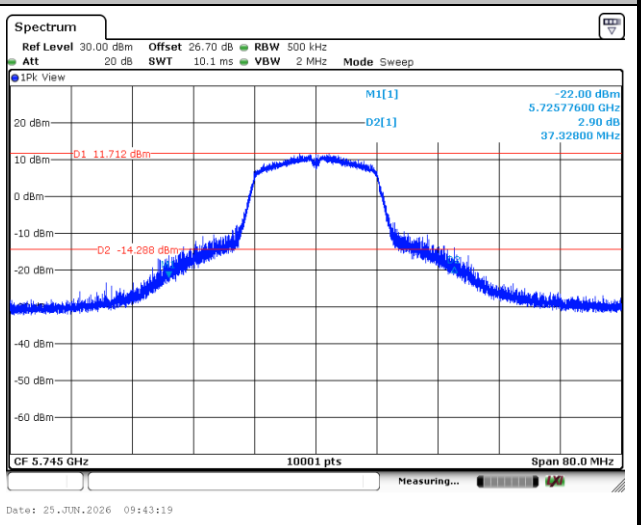
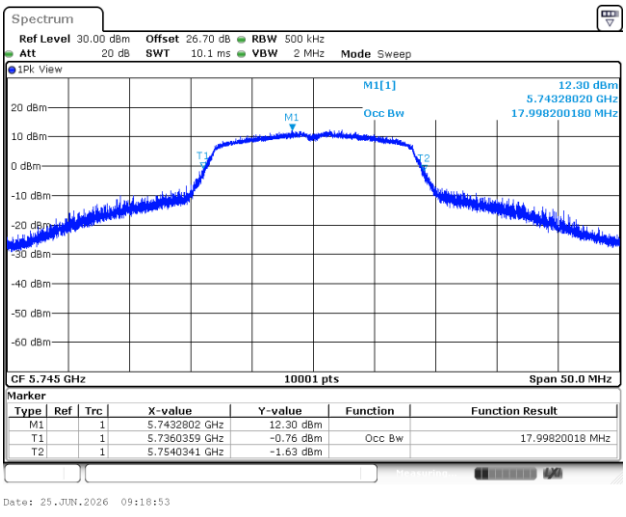
U-NII-3 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 4	Ant 2	Ant 4	Ant 2	SUM	Ant 4	Ant 2	Ant 4	Ant 2	
11a	6Mbps	1	149	5745	0.11		4.11	-		30.00	-	0.83	-	Pass
11a	6Mbps	1	157	5785	0.11		4.29	-		30.00	-	0.83	-	Pass
11a	6Mbps	1	165	5825	0.11		4.68	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	149	5745	0.12		4.02	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	157	5785	0.12		4.00	-		30.00	-	0.83	-	Pass
HT20	MCS0	1	165	5825	0.12		4.31	-		30.00	-	0.83	-	Pass
HT40	MCS0	1	151	5755	0.23		1.41	-		30.00	-	0.83	-	Pass
HT40	MCS0	1	159	5795	0.23		1.30	-		30.00	-	0.83	-	Pass
VHT80	MCS0	1	155	5775	0.43		-1.60	-		30.00	-	0.83	-	Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

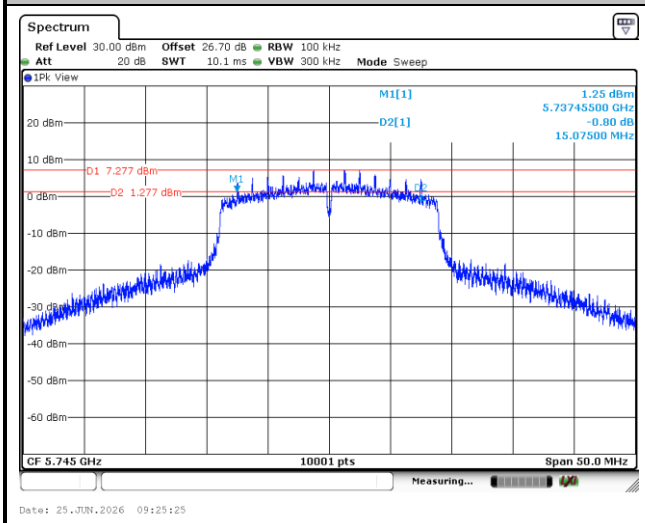
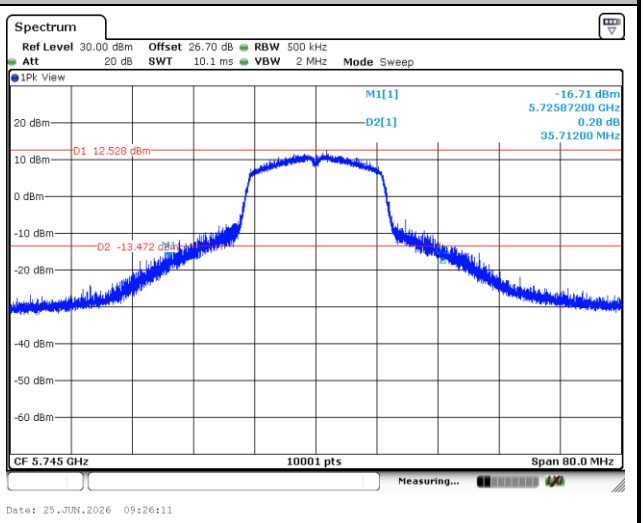
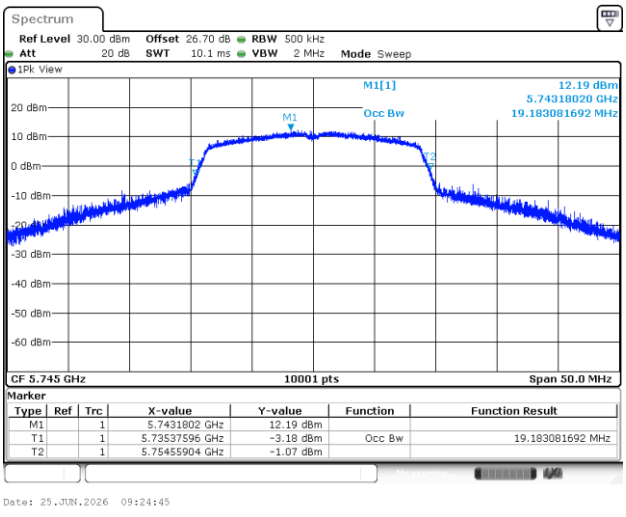
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

SISO <Ant. 4>

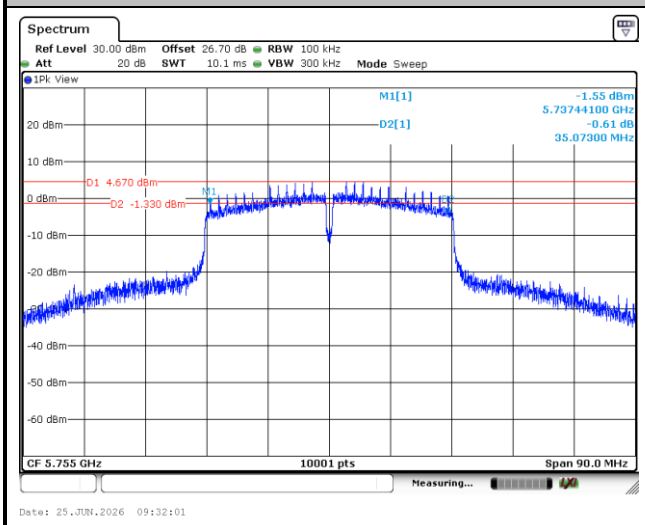
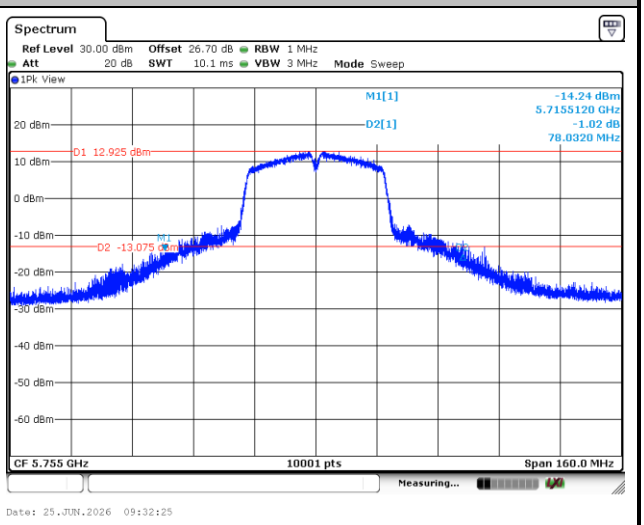
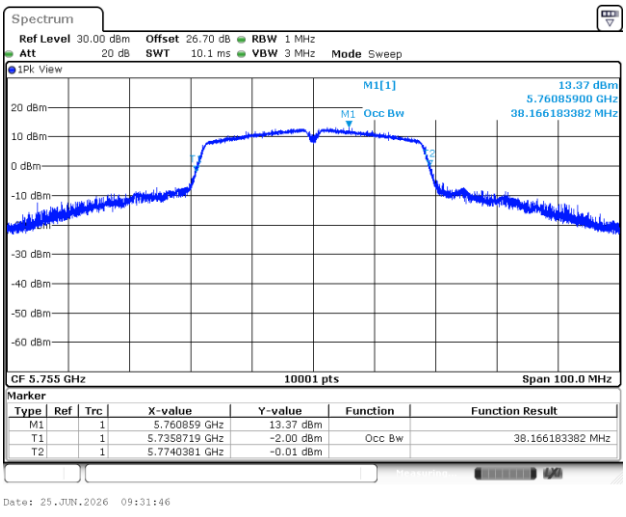
<802.11a>

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

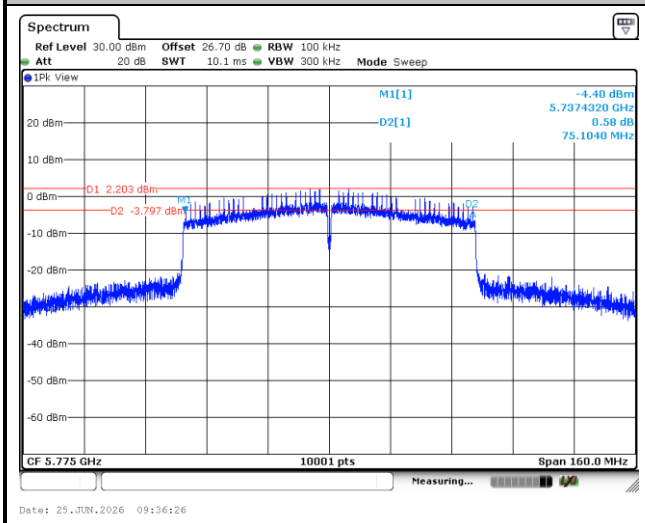
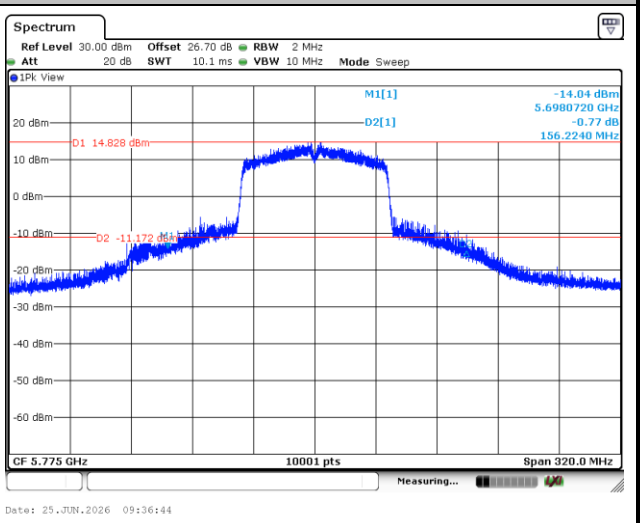
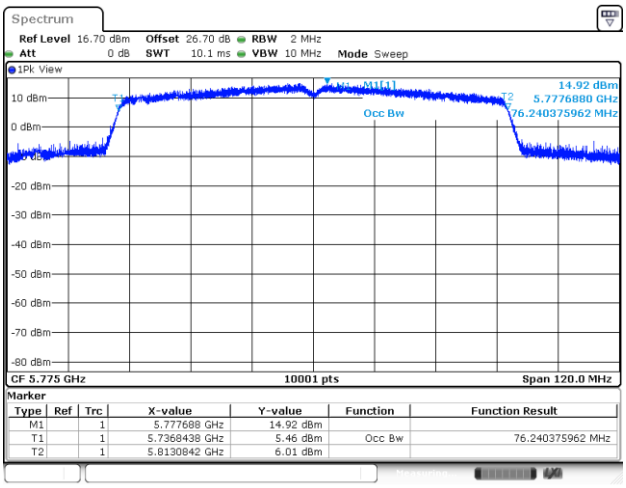
<802.11n HT20>

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

<802.11n HT40>

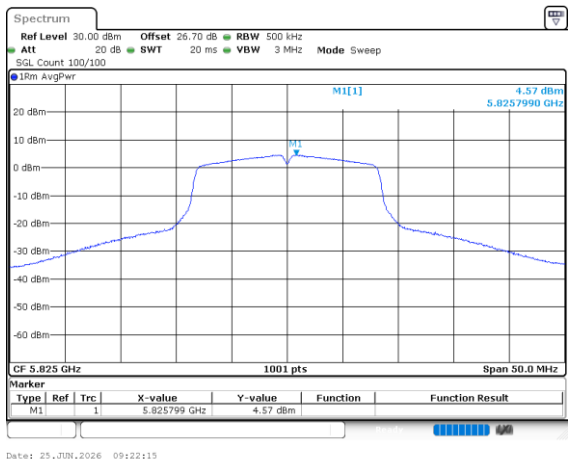
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ac VHT80>

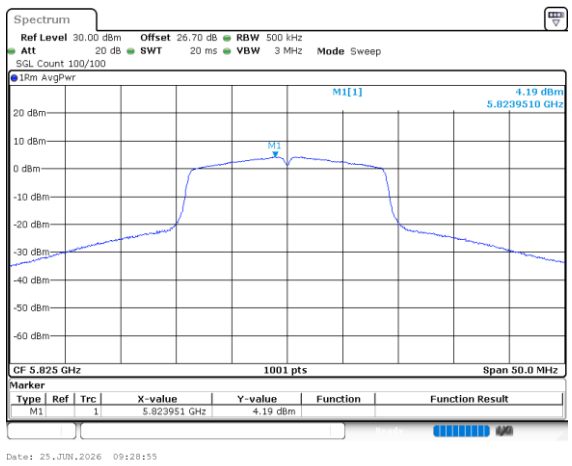
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

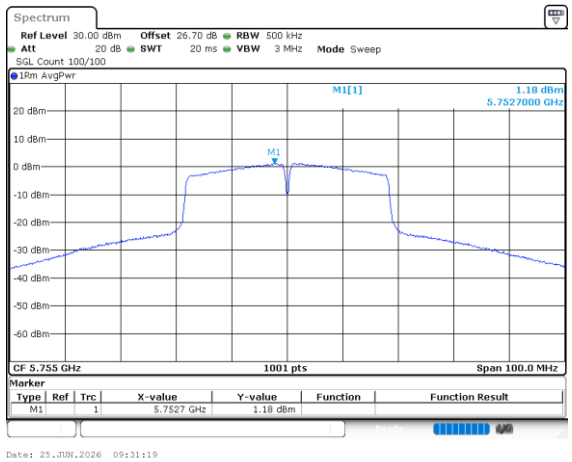
<802.11a>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 4	
	

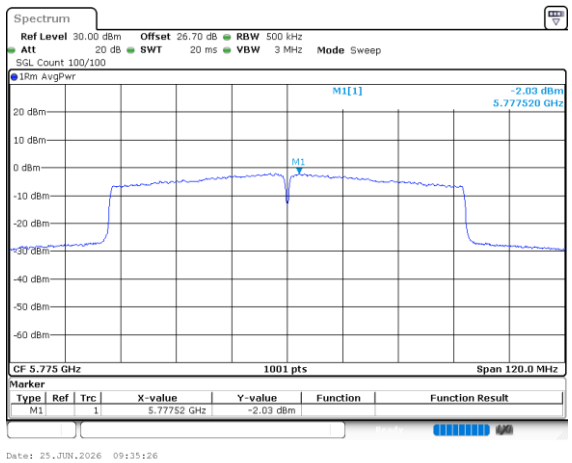
<802.11n HT20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 4	
	

<802.11n HT40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 4	
	

<802.11ac VHT80>

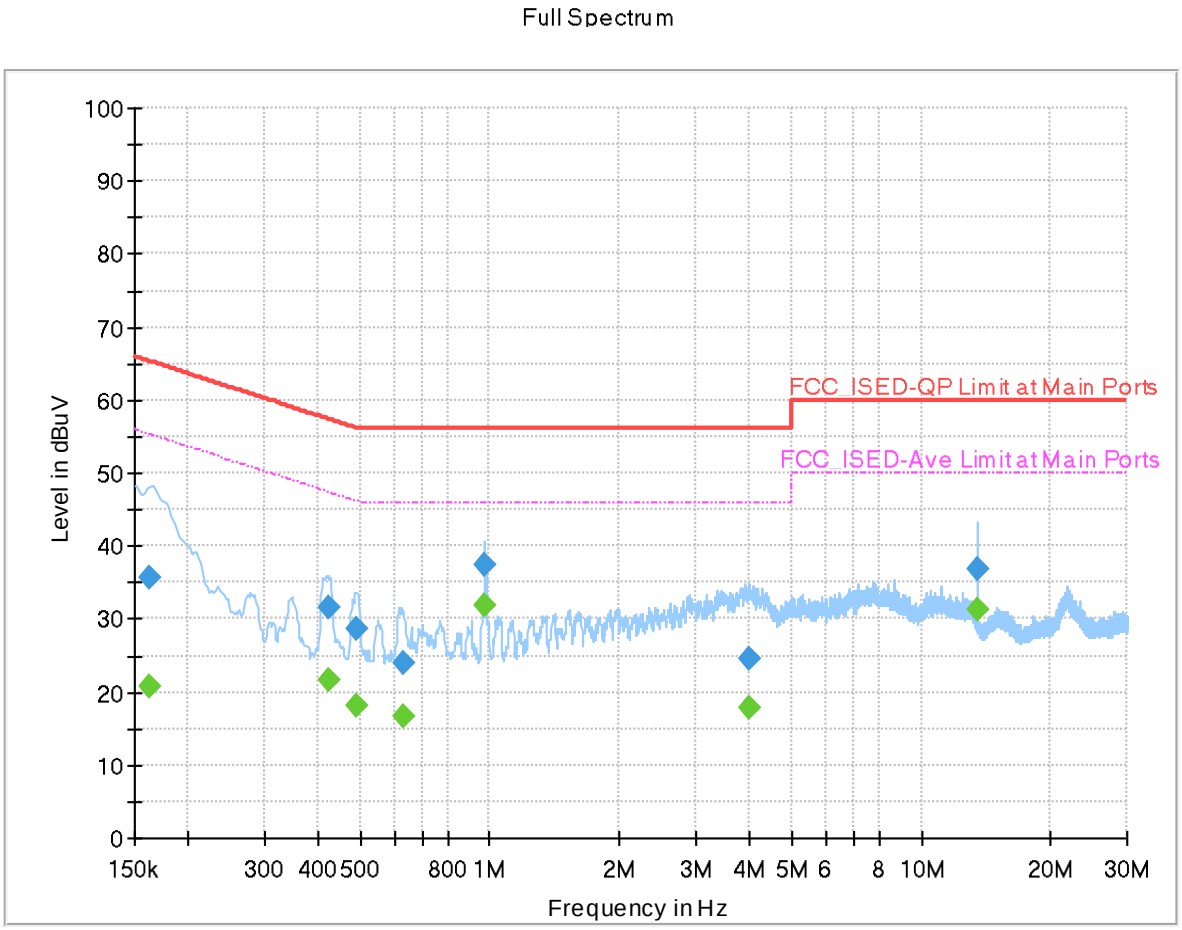
Maximum Power Density Plot (dBm/500kHz)	
Ant. 4	
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.1~24.4℃
		Relative Humidity :	46.4~49.7%

EUT Information

Report NO :	5D2218
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

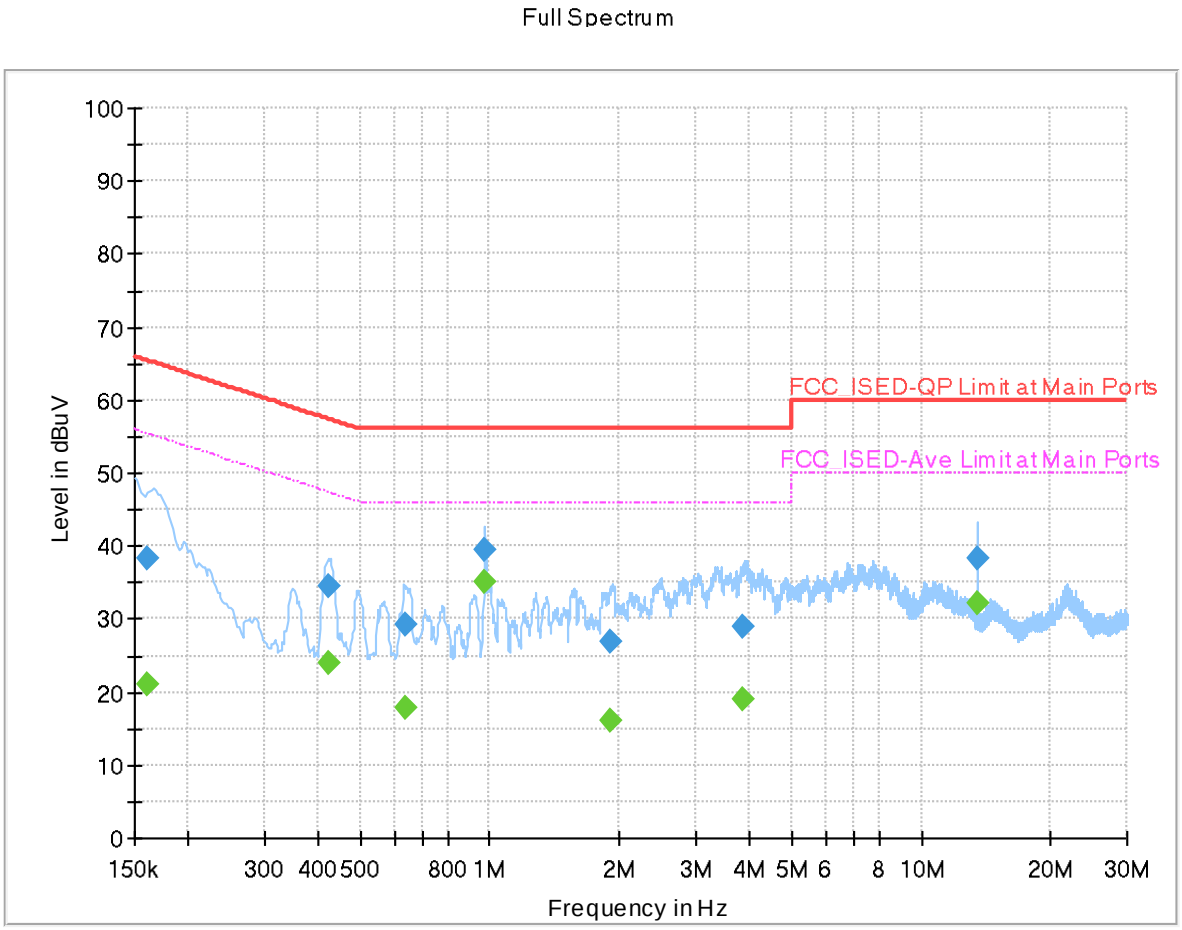


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162015	---	20.77	55.36	34.59	L1	ON	20.0
0.162015	35.71	---	65.36	29.65	L1	ON	20.0
0.422250	---	21.55	47.40	25.85	L1	ON	20.0
0.422250	31.65	---	57.40	25.75	L1	ON	20.0
0.492720	---	18.02	46.12	28.10	L1	ON	20.0
0.492720	28.66	---	56.12	27.46	L1	ON	20.0
0.628215	---	16.81	46.00	29.19	L1	ON	20.0
0.628215	23.84	---	56.00	32.16	L1	ON	20.0
0.973140	---	31.82	46.00	14.18	L1	ON	20.0
0.973140	37.50	---	56.00	18.50	L1	ON	20.0
3.997500	---	17.84	46.00	28.16	L1	ON	20.1
3.997500	24.56	---	56.00	31.44	L1	ON	20.1
13.560225	---	31.37	50.00	18.63	L1	ON	20.6
13.560225	36.97	---	60.00	23.03	L1	ON	20.6

EUT Information

Report NO :	5D2218
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	21.06	55.40	34.34	N	ON	20.0
0.161250	38.43	---	65.40	26.97	N	ON	20.0
0.422250	---	23.94	47.40	23.46	N	ON	20.0
0.422250	34.56	---	57.40	22.84	N	ON	20.0
0.636000	---	17.83	46.00	28.17	N	ON	20.0
0.636000	29.24	---	56.00	26.76	N	ON	20.0
0.973545	---	35.14	46.00	10.86	N	ON	20.0
0.973545	39.60	---	56.00	16.40	N	ON	20.0
1.903515	---	16.10	46.00	29.90	N	ON	20.1
1.903515	26.90	---	56.00	29.10	N	ON	20.1
3.873750	---	19.02	46.00	26.98	N	ON	20.1
3.873750	28.98	---	56.00	27.02	N	ON	20.1
13.560270	---	32.16	50.00	17.84	N	ON	20.6
13.560270	38.29	---	60.00	21.71	N	ON	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Gerry Wei, Tim Lee, Wilson Wu	**Temperature :**	21.8 ~ 23.4 °C
		Relative Humidity :	50.5 ~ 60.7 %

Note symbol

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

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 35	U-NII-3	5.725-5.85	4	802.11a	149	5745	6Mbps	-	-
Mode 36	U-NII-3	5.725-5.85	4	802.11a	157	5785	6Mbps	-	-
Mode 37	U-NII-3	5.725-5.85	4	802.11a	165	5825	6Mbps	-	-
Mode 38	U-NII-3	5.725-5.85	4	802.11n HT20	149	5745	MCS0	-	-
Mode 39	U-NII-3	5.725-5.85	4	802.11n HT20	157	5785	MCS0	-	-
Mode 40	U-NII-3	5.725-5.85	4	802.11n HT20	165	5825	MCS0	-	-
Mode 41	U-NII-3	5.725-5.85	4	802.11n HT40	151	5755	MCS0	-	-
Mode 42	U-NII-3	5.725-5.85	4	802.11n HT40	159	5795	MCS0	-	-
Mode 43	U-NII-3	5.725-5.85	4	802.11ac VHT80	155	5775	MCS0	-	-
Mode 44	U-NII-3	5.725-5.85	4	802.11ac VHT80	155	5775	MCS0	-	LF
Mode 45	U-NII-3	5.725-5.85	4	802.11ac VHT80	155	5775	MCS0	-	SHF

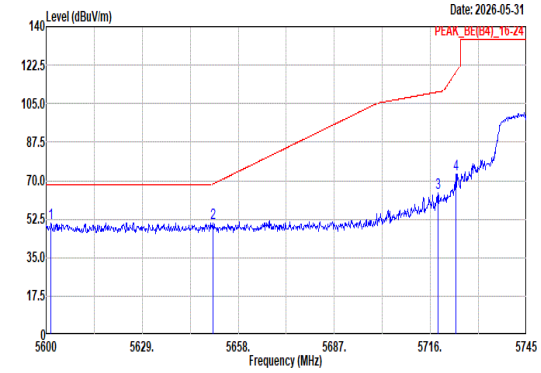
C2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
35	802.11a	149	5602.18	51.25	68.20	-16.95	V	Peak	Pass	-	Band Edge
	802.11a	149	17235.00	50.84	68.20	-17.36	V	Peak	Pass	-	Harmonic
36	802.11a	157	5933.67	53.27	68.20	-14.93	H	Peak	Pass	-	Band Edge
	802.11a	157	17355.00	49.87	68.20	-18.33	V	Peak	Pass	-	Harmonic
37	802.11a	165	5938.50	53.54	68.20	-14.66	V	Peak	Pass	-	Band Edge
	802.11a	165	17475.00	50.19	68.20	-18.01	V	Peak	Pass	-	Harmonic
38	802.11n HT20	149	5630.16	51.38	68.20	-16.82	V	Peak	Pass	-	Band Edge
	802.11n HT20	149	17235.00	51.61	68.20	-16.59	V	Peak	Pass	-	Harmonic
39	802.11n HT20	157	5931.69	53.59	68.20	-14.61	H	Peak	Pass	-	Band Edge
	802.11n HT20	157	17355.00	48.83	68.20	-19.37	V	Peak	Pass	-	Harmonic
40	802.11n HT20	165	5937.50	54.23	68.20	-13.97	H	Peak	Pass	-	Band Edge

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
40	802.11n HT20	165	17475.00	50.24	68.20	-17.96	V	Peak	Pass	-	Harmonic
41	802.11n HT40	151	5927.58	54.21	68.20	-13.99	V	Peak	Pass	-	Band Edge
	802.11n HT40	151	17265.00	48.87	68.20	-19.33	V	Peak	Pass	-	Harmonic
42	802.11n HT40	159	5935.28	53.49	68.20	-14.71	V	Peak	Pass	-	Band Edge
	802.11n HT40	159	17385.00	48.76	68.20	-19.44	V	Peak	Pass	-	Harmonic
43	802.11ac VHT80	155	5645.50	59.49	68.20	-8.71	H	Peak	Pass	-	Band Edge
	802.11ac VHT80	155	17325.00	47.84	68.20	-20.36	V	Peak	Pass	-	Harmonic
44	LF	155	30.97	33.91	40.00	-6.09	V	Peak	Pass	-	LF
45	SHF	155	39258.00	53.65	74.00	-20.35	H	Peak	Pass	-	SHF

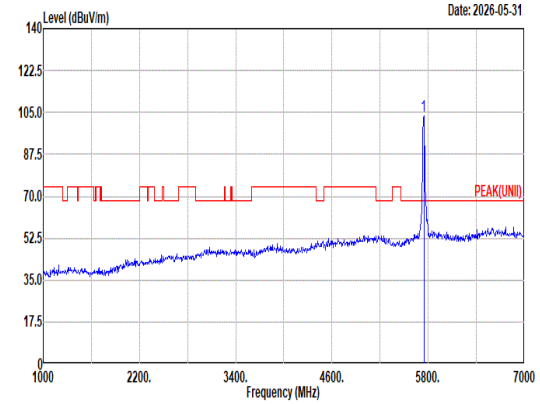
Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5601.45	50.96	68.20	-17.24	40.55	33.30	10.69	33.58	0.00	100	236	Peak
2	5650.32	50.74	68.43	-17.69	40.21	33.40	10.71	33.58	0.00	100	236	Peak
3	5718.32	64.46	110.33	-45.87	53.54	33.77	10.74	33.59	0.00	100	236	Peak
4	5723.69	72.78	119.20	-46.42	61.85	33.79	10.74	33.60	0.00	100	236	Peak

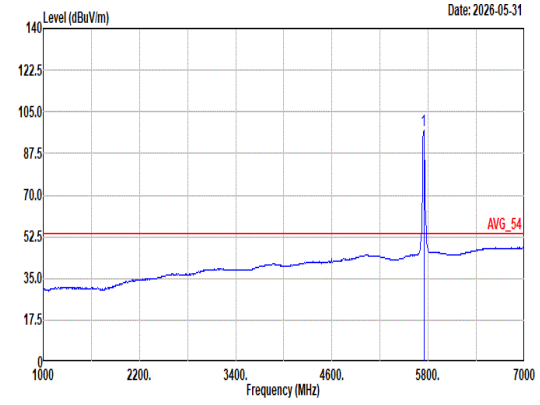


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5745.00	103.76	------	------	92.73	33.88	10.75	33.60	0.00	100	236	Peak

Avg

Blank

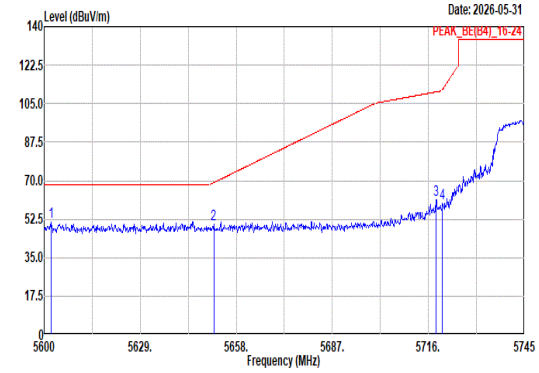


Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5745.00	97.11	------	------	86.08	33.88	10.75	33.60	0.00	100	236	Average

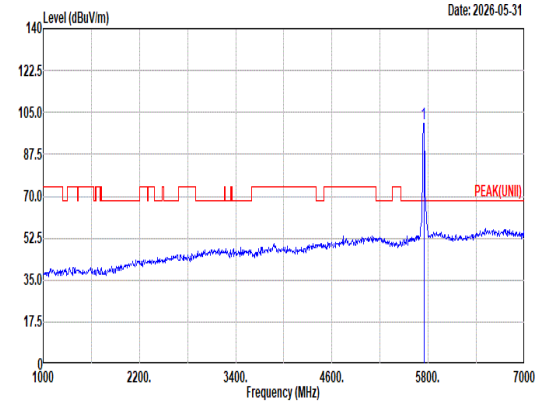
Mode	35	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5602.18	51.25	68.20	-16.95	40.84	33.30	10.69	33.58	0.00	100	86	Peak
2	5651.19	49.98	69.08	-19.10	39.44	33.41	10.71	33.58	0.00	100	86	Peak
3	5718.32	61.43	110.33	-48.90	50.51	33.77	10.74	33.59	0.00	100	86	Peak
4	5720.21	59.58	111.27	-51.69	48.66	33.78	10.74	33.60	0.00	100	86	Peak

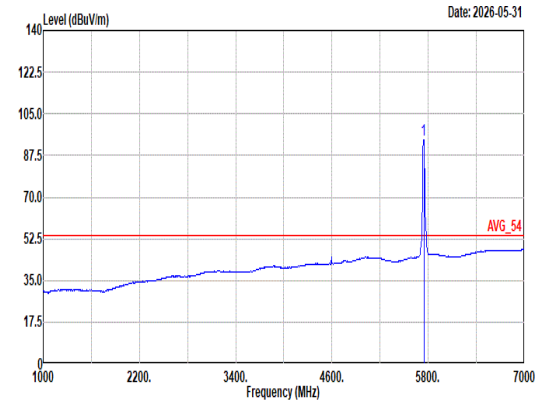


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5745.00	100.56	------	------	89.55	33.86	10.75	33.60	0.00	100	86	Peak

Avg

Blank



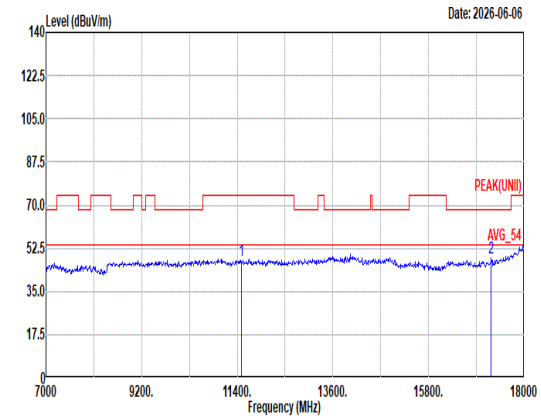
Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	5745.00	94.25	------	------	83.22	33.88	10.75	33.60	0.00	100	86	Average

Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Vertical

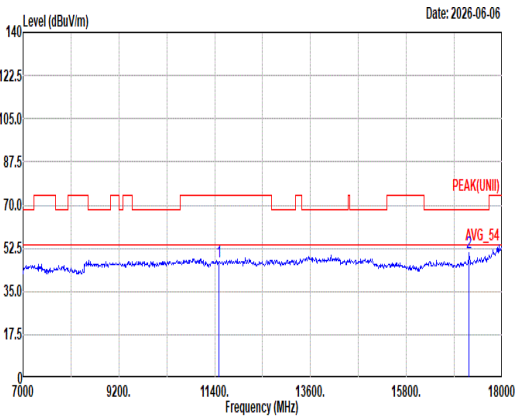
Peak

Avg



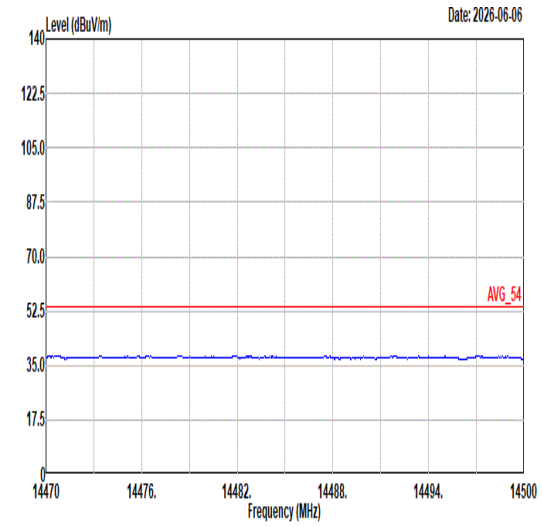
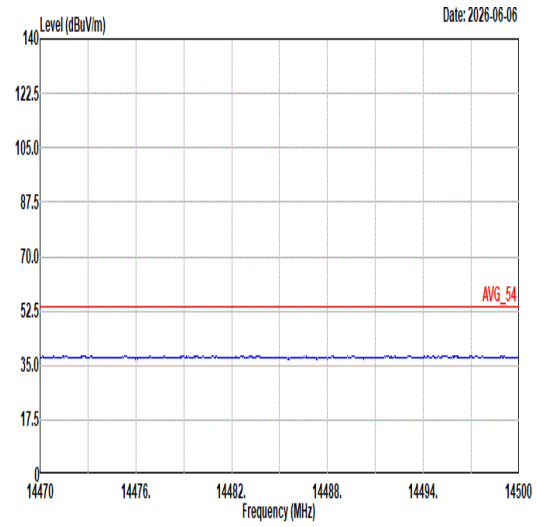
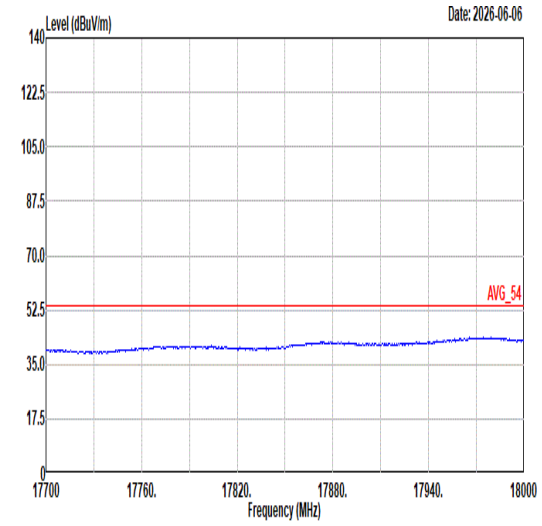
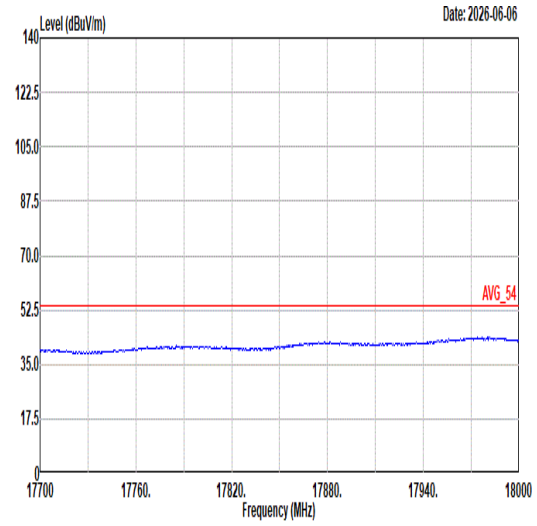
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

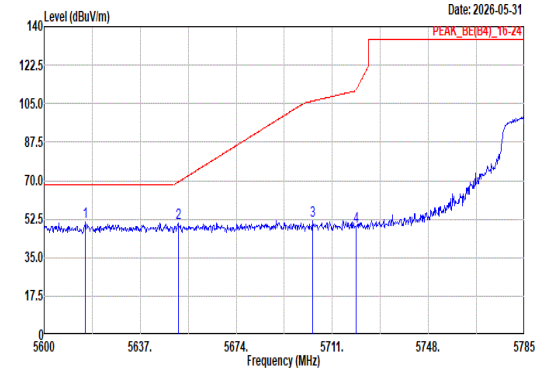
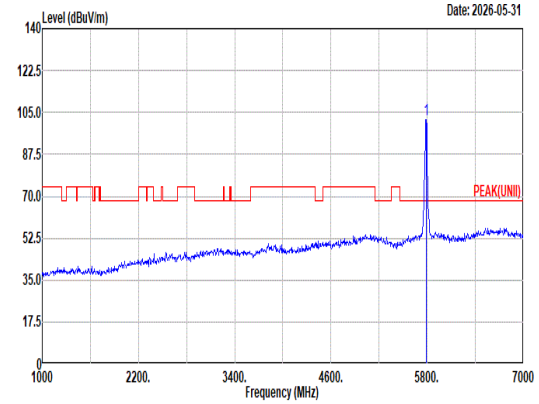
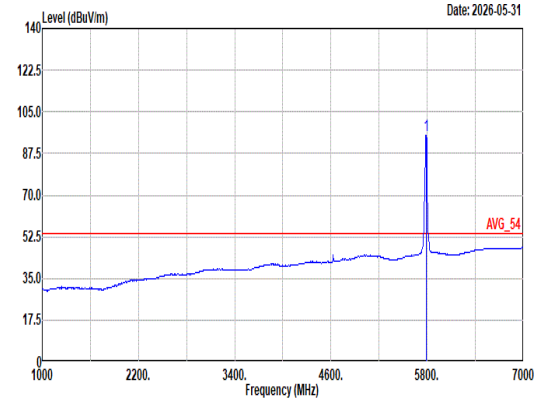
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11490.00	47.65	74.00	-26.35	45.87	39.18	16.82	54.82	0.60	--	--	Peak
2	17235.00	48.40	68.20	-19.80	45.99	38.27	20.51	56.74	0.37	--	--	Peak

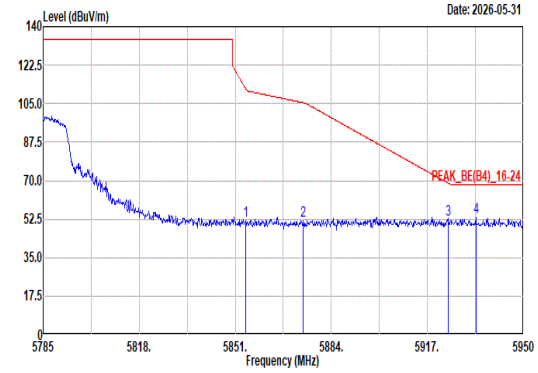


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL

	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	11490.00	47.08	74.00	-26.92	45.30	39.18	16.82	54.82	0.60	--	--	Peak
2	17235.00	50.84	68.20	-17.36	48.43	38.27	20.51	56.74	0.37	--	--	Peak

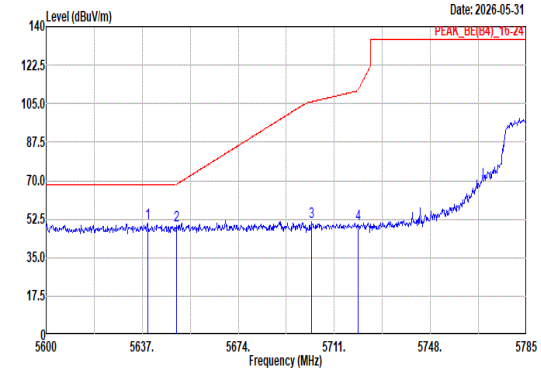
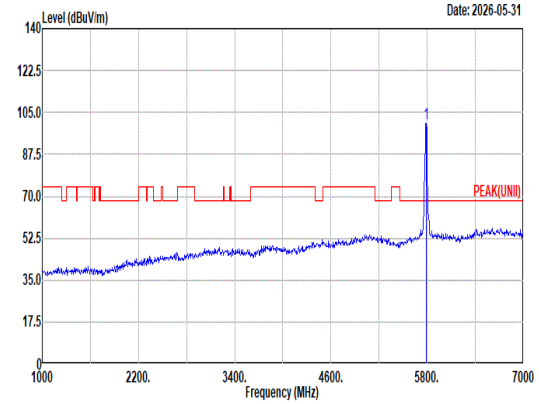
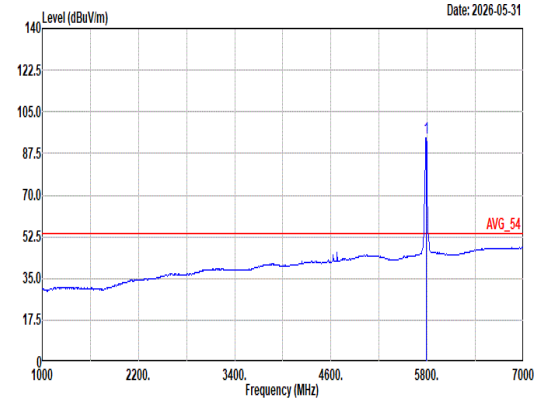
Mode	35	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

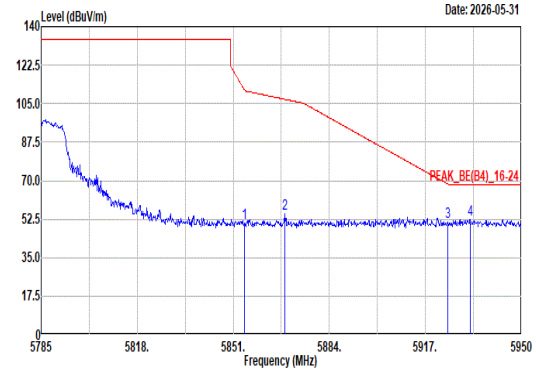
Mode	36	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq / Level / Limit Line / Margin / Read Level / Ant Factor / Cable Loss / Preamp Factor / Aux Factor / APos / TPos / Remark MHz / dBuV/m / dBuV/m / dB / dBuV / dB/m / dB / dB / dB / cm / deg 1 5615.91 51.48 68.20 -16.72 41.03 33.33 10.70 33.58 0.00 100 238 Peak 2 5651.62 50.49 69.40 -18.91 39.95 33.41 10.71 33.58 0.00 100 238 Peak 3 5703.42 51.75 106.16 -54.41 40.90 33.71 10.73 33.59 0.00 100 238 Peak 4 5720.07 49.34 110.95 -61.61 38.42 33.78 10.74 33.60 0.00 100 238 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 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 5785.00 102.10 ------ ------ 90.81 34.13 10.77 33.61 0.00 100 238 Peak
Avg	Blank	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.750kHz 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 5785.00 95.34 ------ ------ 84.10 34.09 10.76 33.61 0.00 100 238 Average

Mode	36	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.63	51.61	111.64	-60.03	39.99	34.40	10.84	33.62	0.00	100	238	Peak
2	5874.27	51.54	105.41	-53.87	39.90	34.40	10.86	33.62	0.00	100	238	Peak
3	5924.26	52.52	68.75	-16.23	40.88	34.35	10.92	33.63	0.00	100	238	Peak
4	5933.67	53.27	68.20	-14.93	41.64	34.33	10.93	33.63	0.00	100	238	Peak

Mode	36	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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 1 5639.04 50.64 68.20 -17.56 40.13 33.38 10.71 33.58 0.00 100 86 Peak 2 5650.32 49.65 68.44 -18.79 39.12 33.40 10.71 33.58 0.00 100 86 Peak 3 5702.31 51.01 105.85 -54.84 40.16 33.71 10.73 33.59 0.00 100 86 Peak 4 5720.07 49.96 110.95 -60.99 39.04 33.78 10.74 33.60 0.00 100 86 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 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 1 5785.00 100.38 ------ ------ 89.09 34.13 10.77 33.61 0.00 100 86 Peak
Avg	Blank	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL : RBW:1000.000kHz VBW:0.750kHz SWT:Auto Freq / Level / Limit Line / Margin / Read Level / Ant Factor / Cable Loss / Preamp Factor / Aux Factor / APos / TPos / Remark 1 5785.00 93.87 ------ ------ 82.63 34.09 10.76 33.61 0.00 100 86 Average

Mode	36	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		Blank

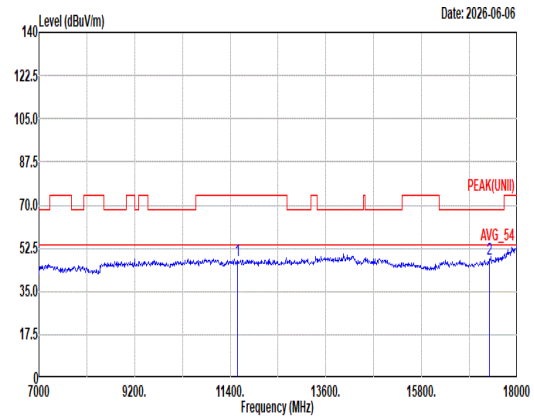
Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5854.96	50.87	110.89	-60.02	39.25	34.40	10.84	33.62	0.00	100	86	Peak
2	5868.82	54.87	106.93	-52.06	43.24	34.40	10.85	33.62	0.00	100	86	Peak
3	5924.76	51.41	68.38	-16.97	39.77	34.35	10.92	33.63	0.00	100	86	Peak
4	5932.35	52.51	68.20	-15.69	40.87	34.34	10.93	33.63	0.00	100	86	Peak

Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Vertical

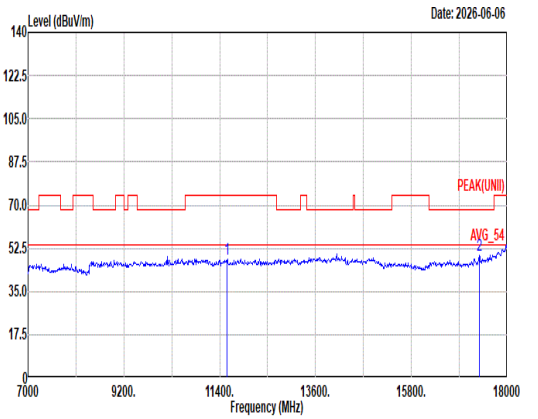
Peak

Avg



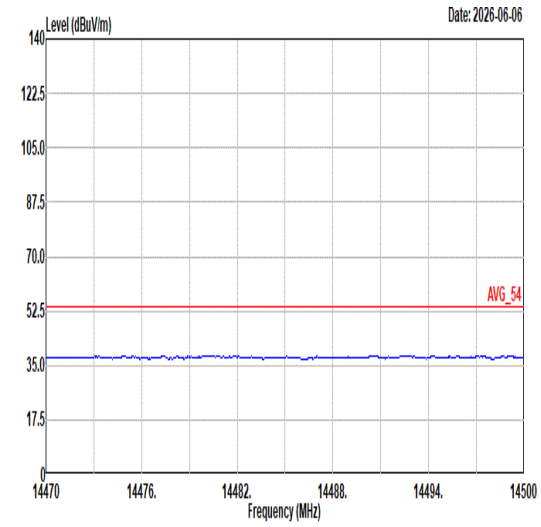
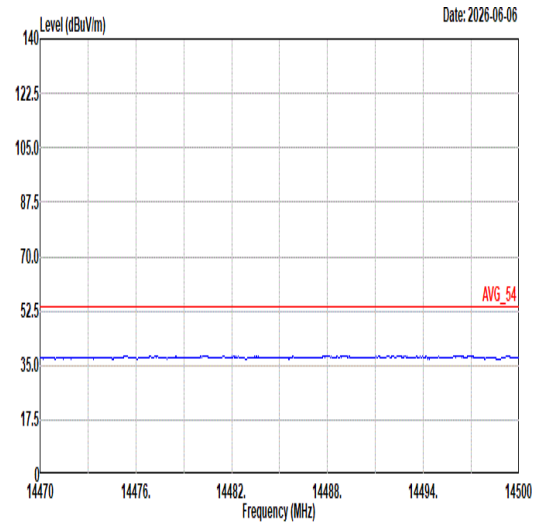
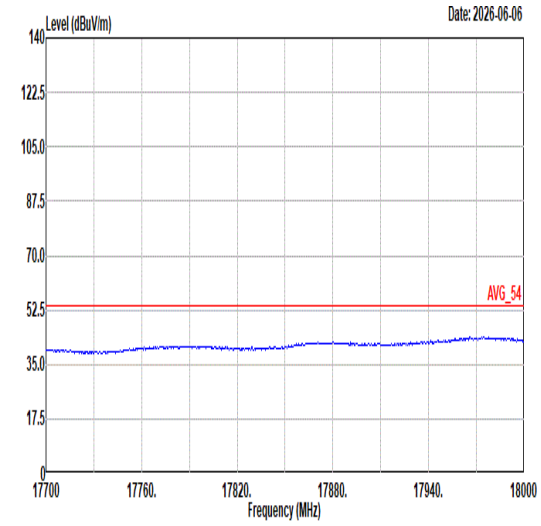
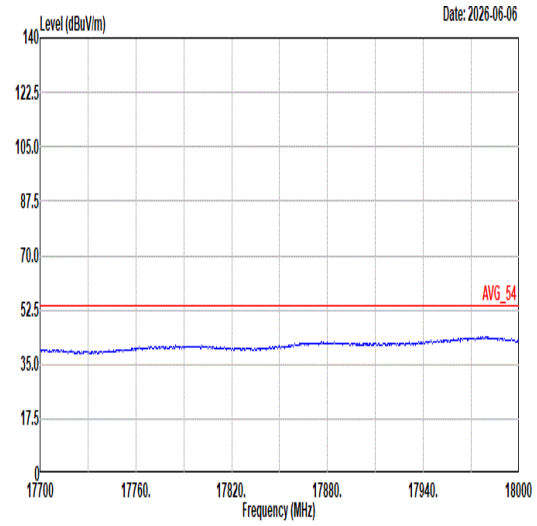
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

	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	47.63	74.00	-26.37	46.01	38.92	16.87	54.77	0.60	--	--	Peak
2	17355.00	48.13	68.20	-20.07	45.52	38.51	20.60	56.87	0.37	--	--	Peak



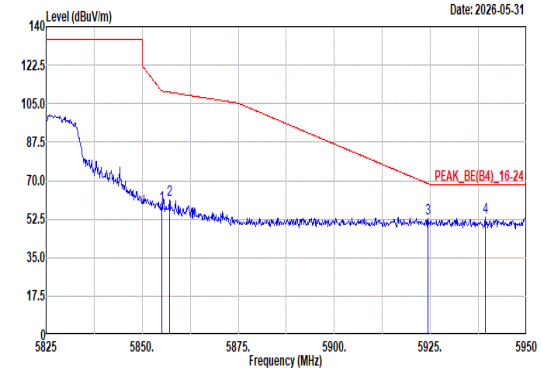
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL

	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	47.85	74.00	-26.15	46.23	38.92	16.87	54.77	0.60	--	--	Peak
2	17355.00	49.87	68.20	-18.33	47.26	38.51	20.60	56.87	0.37	--	--	Peak

Mode	36	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

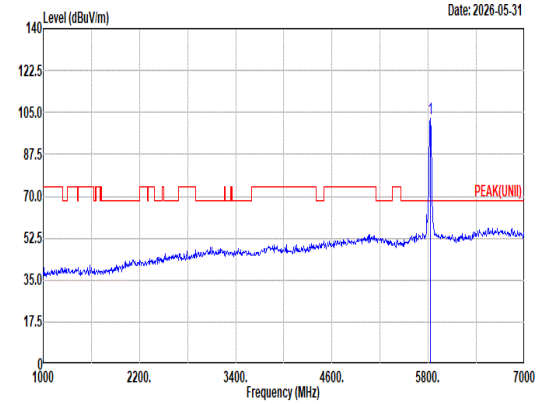
Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5855.00	58.79	110.80	-52.01	47.17	34.40	10.84	33.62	0.00	100	233	Peak
2	5857.13	61.31	110.20	-48.89	49.69	34.40	10.84	33.62	0.00	100	233	Peak
3	5924.38	52.61	68.66	-16.05	40.97	34.35	10.92	33.63	0.00	100	233	Peak
4	5939.38	53.29	68.20	-14.91	41.66	34.32	10.94	33.63	0.00	100	233	Peak

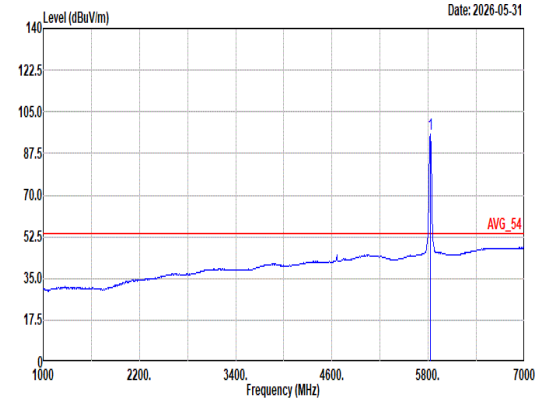


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	102.44	------	------	90.92	34.32	10.81	33.61	0.00	100	233	Peak

Avg

Blank

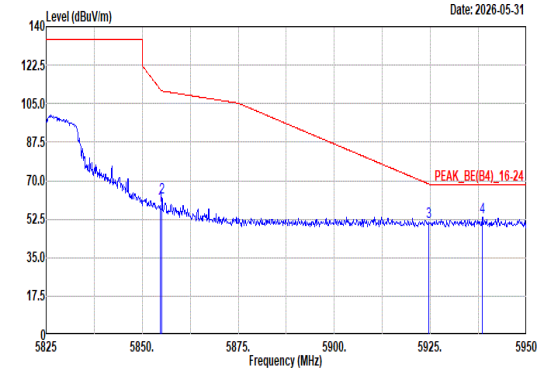


Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	95.48	------	------	83.99	34.30	10.80	33.61	0.00	100	233	Average

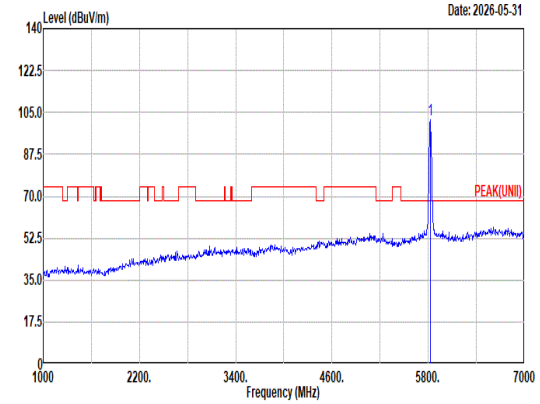
Mode	37	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.63	58.59	111.65	-53.06	46.97	34.40	10.84	33.62	0.00	100	88	Peak
2	5855.13	62.24	110.76	-48.52	50.62	34.40	10.84	33.62	0.00	100	88	Peak
3	5924.63	51.15	68.48	-17.33	39.51	34.35	10.92	33.63	0.00	100	88	Peak
4	5938.50	53.54	68.20	-14.66	41.91	34.32	10.94	33.63	0.00	100	88	Peak

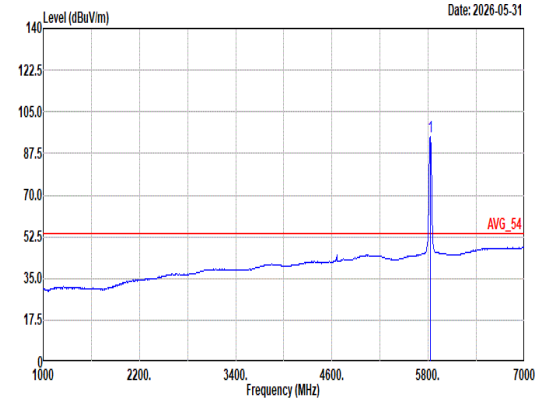


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5825.00	101.75	------	------	90.26	34.30	10.80	33.61	0.00	100	88	Peak

Avg

Blank



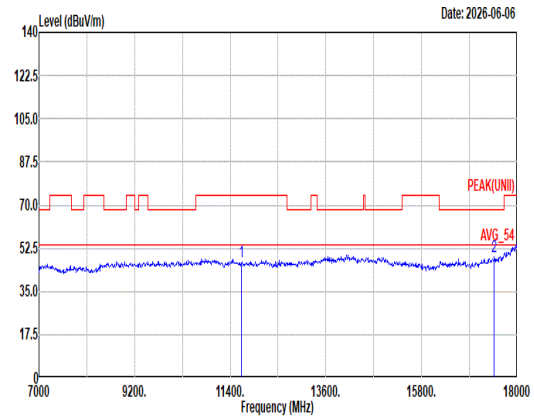
Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:0.750kHz SWT:Auto

	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	94.81	------	------	83.32	34.30	10.80	33.61	0.00	100	88	Average

Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Vertical

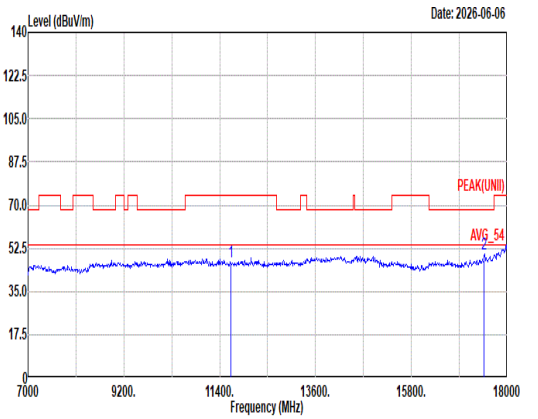
Peak

Avg



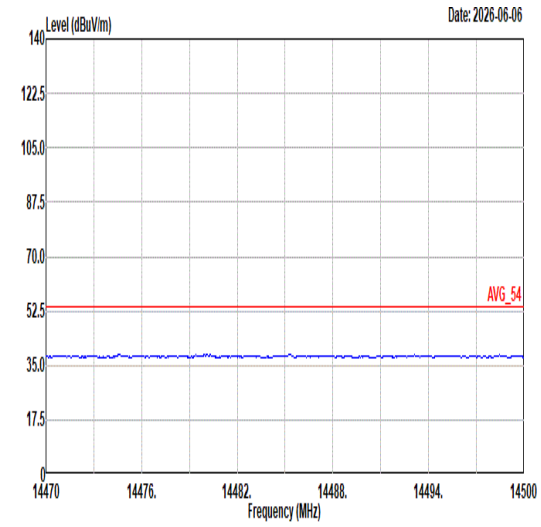
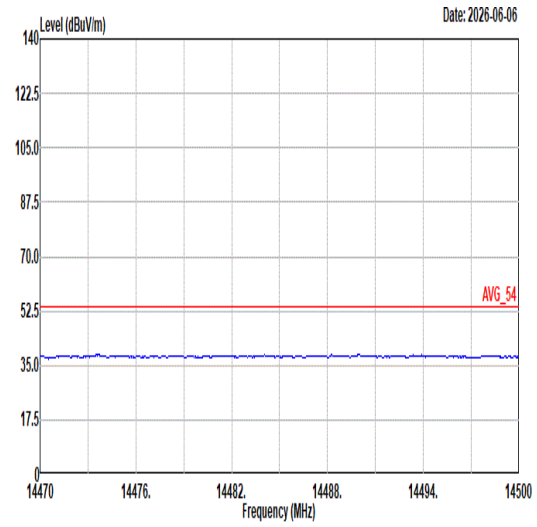
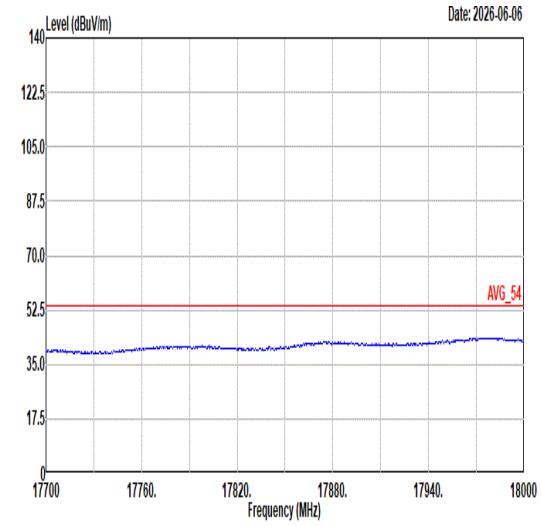
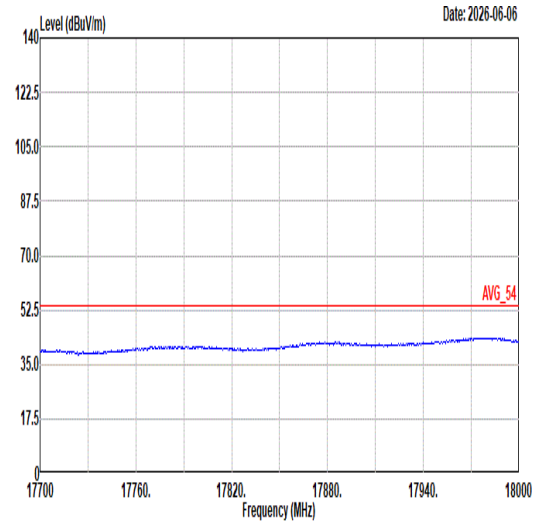
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

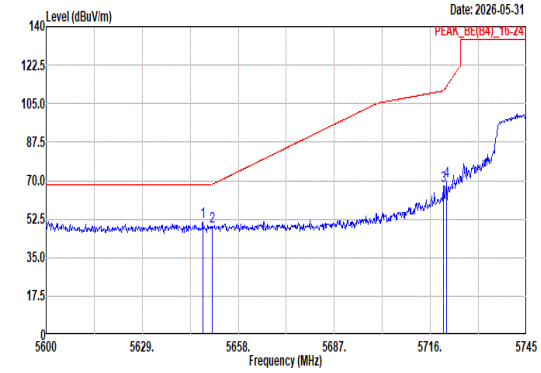
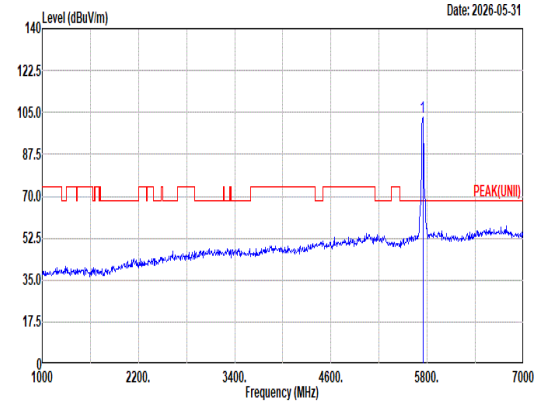
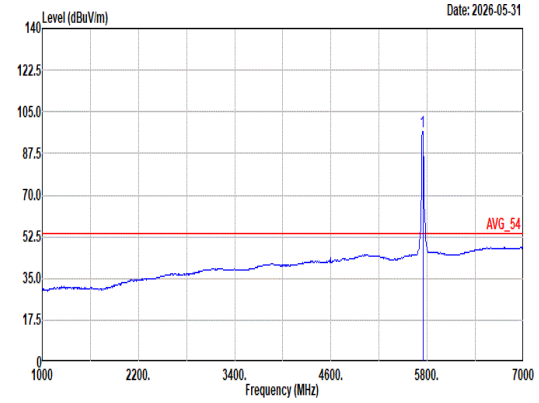
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11650.00	46.76	74.00	-27.24	45.35	38.60	16.93	54.72	0.60	--	--	Peak
2	17475.00	49.09	68.20	-19.11	46.31	38.70	20.70	57.00	0.38	--	--	Peak



Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL

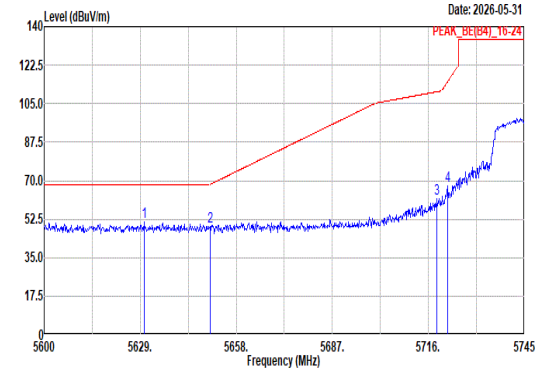
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11650.00	46.85	74.00	-27.15	45.44	38.60	16.93	54.72	0.60	--	--	Peak
2	17475.00	50.19	68.20	-18.01	47.41	38.70	20.70	57.00	0.38	--	--	Peak

Mode	37	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	38	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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 5647.27 51.23 68.20 -16.97 40.71 33.39 10.71 33.58 0.00 100 236 Peak 2 5650.17 49.37 68.33 -18.96 38.84 33.40 10.71 33.58 0.00 100 236 Peak 3 5719.92 67.83 110.78 -42.95 56.91 33.78 10.74 33.60 0.00 100 236 Peak 4 5720.79 69.80 112.59 -42.79 58.88 33.78 10.74 33.60 0.00 100 236 Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 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 5745.00 103.23 ------ ------ 92.20 33.88 10.75 33.60 0.00 100 236 Peak
Avg	Blank	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL : RBW:1000.000kHz VBW:0.820kHz SWT:Auto Freq / Level / Limit Line / Margin / Read Level / Ant Factor / Cable Loss / Preamp Factor / Aux Factor / APos / TPos / Remark 1 5745.00 96.90 ------ ------ 85.87 33.88 10.75 33.60 0.00 100 236 Average

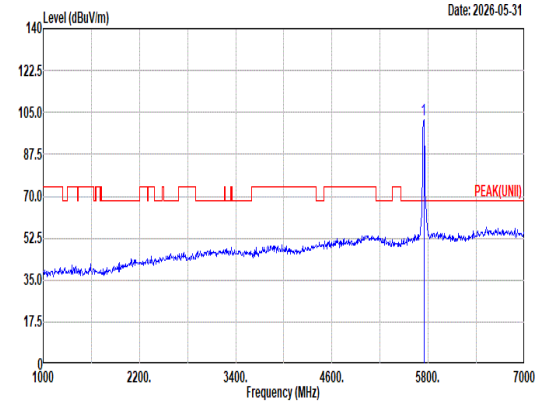
Mode	38	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5630.16	51.38	68.20	-16.82	40.90	33.36	10.70	33.58	0.00	100	88	Peak
2	5650.17	49.29	68.33	-19.04	38.76	33.40	10.71	33.58	0.00	100	88	Peak
3	5718.61	61.84	110.41	-48.57	50.92	33.77	10.74	33.59	0.00	100	88	Peak
4	5721.80	67.42	114.91	-47.49	56.49	33.79	10.74	33.60	0.00	100	88	Peak

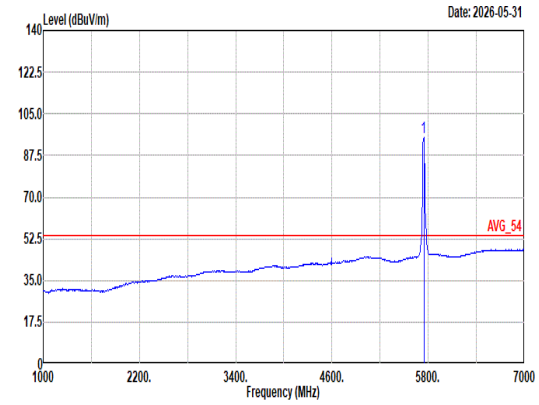


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5745.00	102.03	------	------	91.00	33.88	10.75	33.60	0.00	100	88	Peak

Avg

Blank



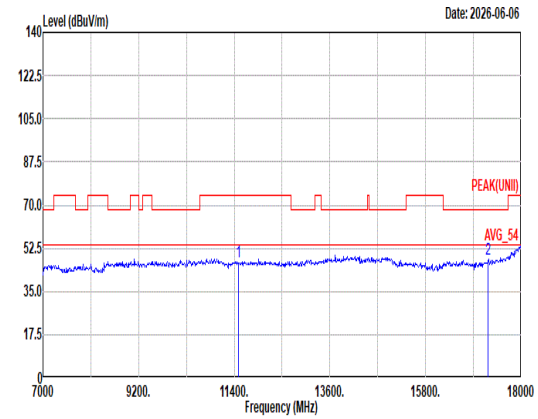
Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

	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	5745.00	94.94	------	------	83.91	33.88	10.75	33.60	0.00	100	88	Average

Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Vertical

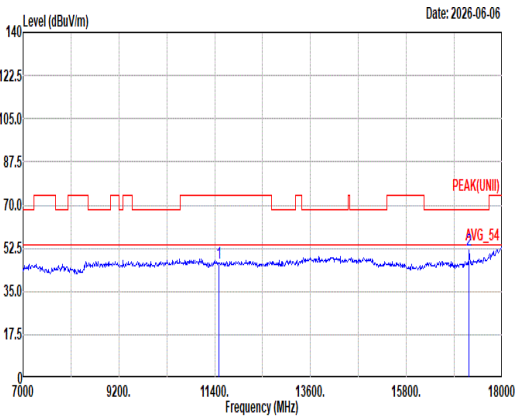
Peak

Avg



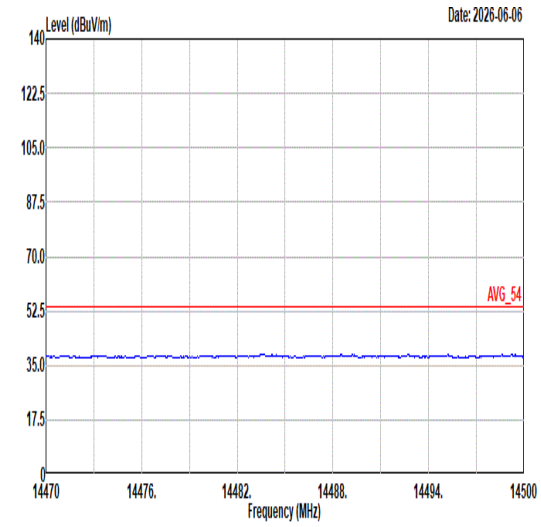
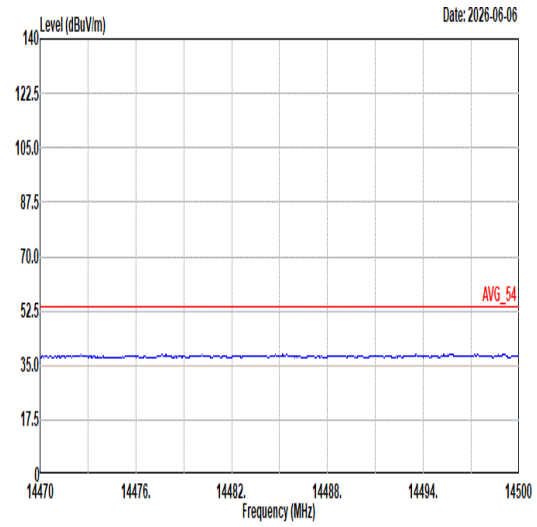
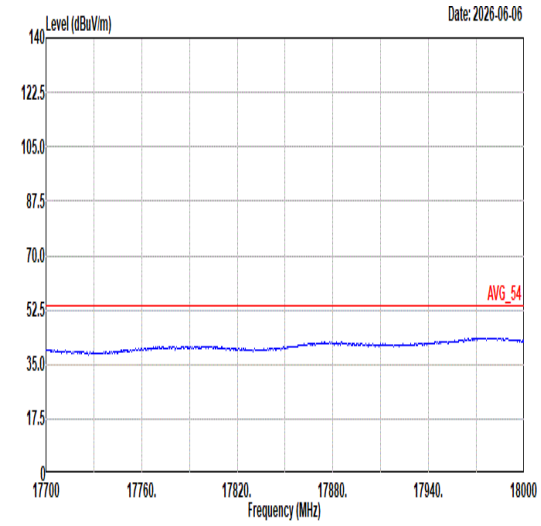
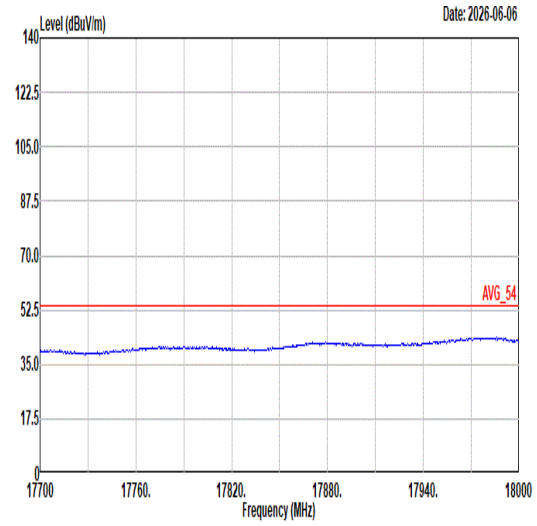
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

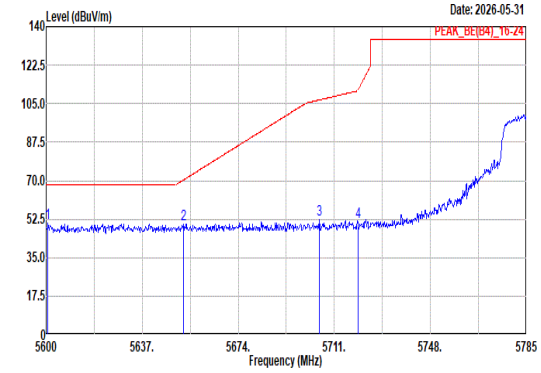
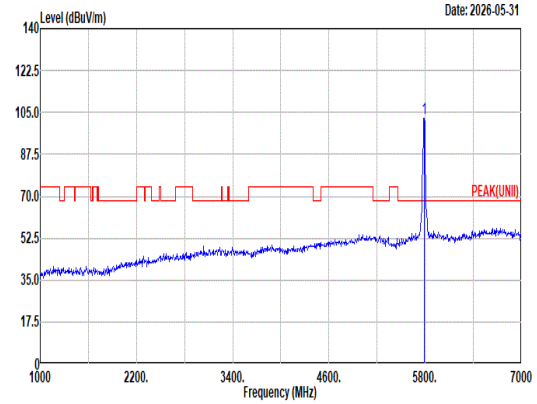
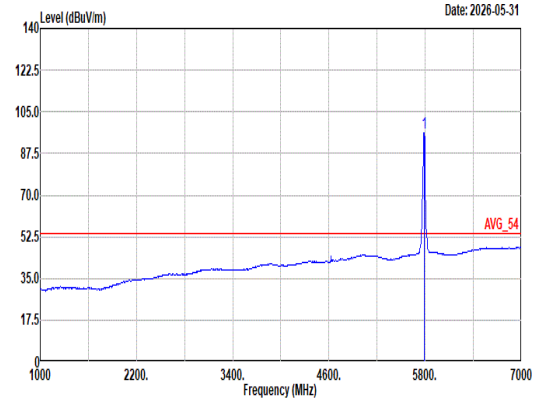
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11490.00	46.99	74.00	-27.01	45.21	39.18	16.82	54.82	0.60	--	--	Peak
2	17235.00	47.91	68.20	-20.29	45.50	38.27	20.51	56.74	0.37	--	--	Peak



Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	11490.00	46.45	74.00	-27.55	44.67	39.18	16.82	54.82	0.60	--	--	Peak
2	17235.00	51.61	68.20	-16.59	49.20	38.27	20.51	56.74	0.37	--	--	Peak

Mode	38	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	39	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		
Avg	Blank	

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

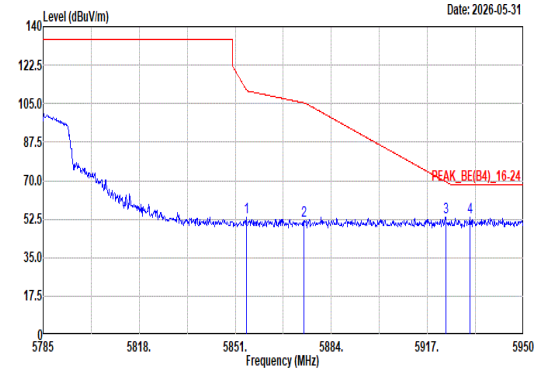
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5600.74	50.74	68.20	-17.46	40.33	33.30	10.69	33.58	0.00	109	234	Peak
2	5652.91	50.34	70.36	-20.02	39.79	33.42	10.71	33.58	0.00	109	234	Peak
3	5705.27	52.10	106.68	-54.58	41.24	33.72	10.73	33.59	0.00	109	234	Peak
4	5720.07	51.35	110.95	-59.60	40.43	33.78	10.74	33.60	0.00	109	234	Peak

Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	5785.00	102.56	------	------	91.32	34.09	10.76	33.61	0.00	109	234	Peak

Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz 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	5785.00	96.01	------	------	84.72	34.13	10.77	33.61	0.00	109	234	Average

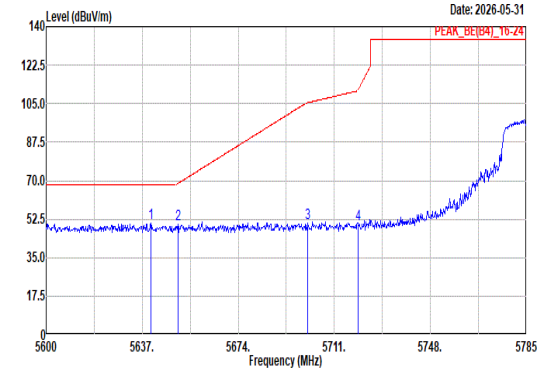
Mode	39	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.80	53.32	111.27	-57.95	41.70	34.40	10.84	33.62	0.00	109	234	Peak
2	5874.60	51.65	105.31	-53.66	40.01	34.40	10.86	33.62	0.00	109	234	Peak
3	5923.27	53.53	69.47	-15.94	41.89	34.35	10.92	33.63	0.00	109	234	Peak
4	5931.69	53.59	68.20	-14.61	41.95	34.34	10.93	33.63	0.00	109	234	Peak

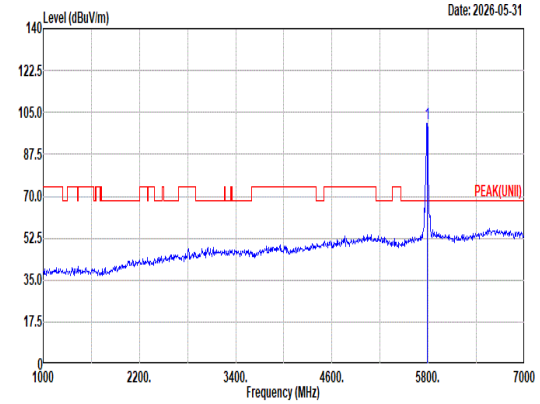
Mode	39	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5640.33	50.68	68.20	-17.52	40.17	33.38	10.71	33.58	0.00	100	86	Peak
2	5650.69	50.35	68.71	-18.36	39.82	33.40	10.71	33.58	0.00	100	86	Peak
3	5700.83	50.86	105.43	-54.57	40.02	33.70	10.73	33.59	0.00	100	86	Peak
4	5720.07	50.34	110.95	-60.61	39.42	33.78	10.74	33.60	0.00	100	86	Peak

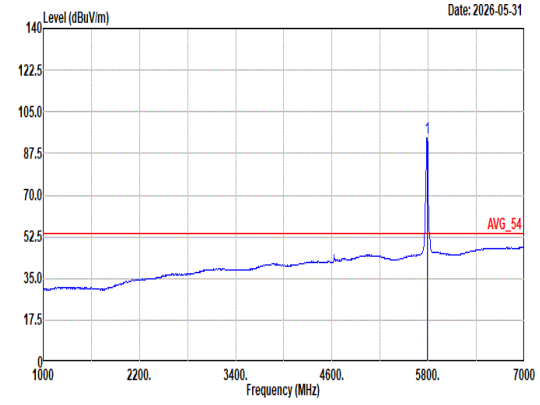


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5785.00	100.57	------	------	89.28	34.13	10.77	33.61	0.00	100	86	Peak

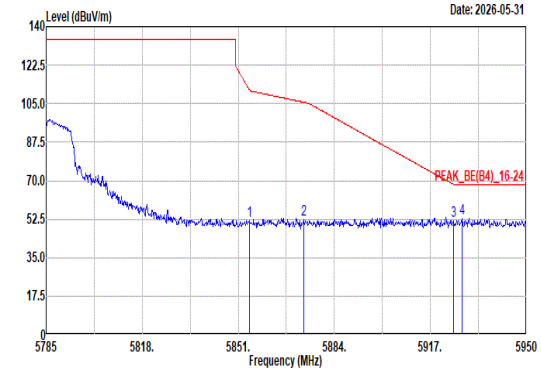
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz 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	5785.00	94.10	------	------	82.86	34.09	10.76	33.61	0.00	100	86	Average

Mode	39	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		Blank

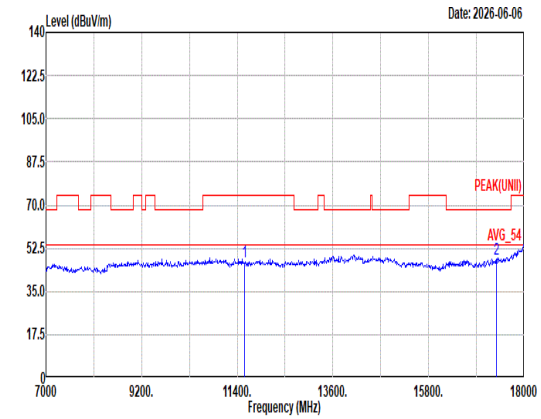
Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5854.96	51.88	110.89	-59.01	40.26	34.40	10.84	33.62	0.00	100	86	Peak
2	5873.44	52.54	105.64	-53.10	40.90	34.40	10.86	33.62	0.00	100	86	Peak
3	5924.92	51.83	68.26	-16.43	40.19	34.35	10.92	33.63	0.00	100	86	Peak
4	5927.89	52.99	68.20	-15.21	41.36	34.34	10.92	33.63	0.00	100	86	Peak

Mode	39	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Vertical

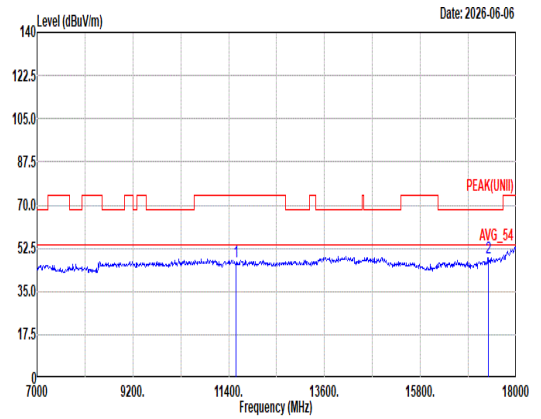
Peak

Avg



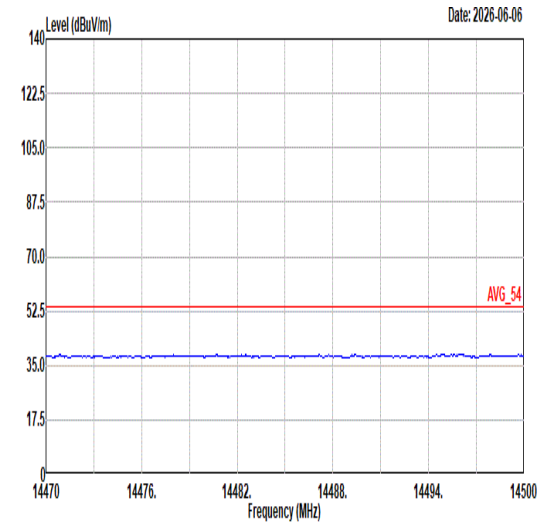
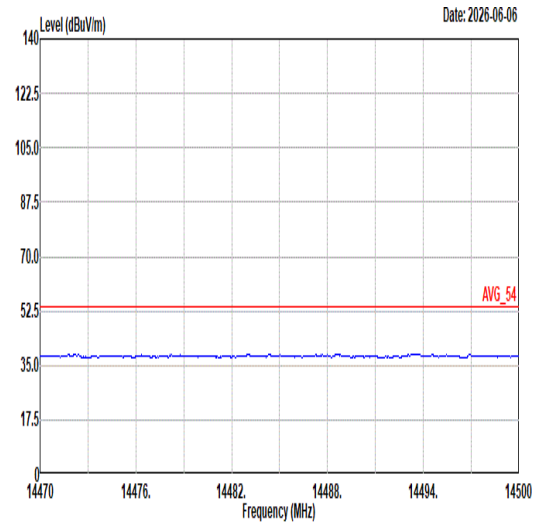
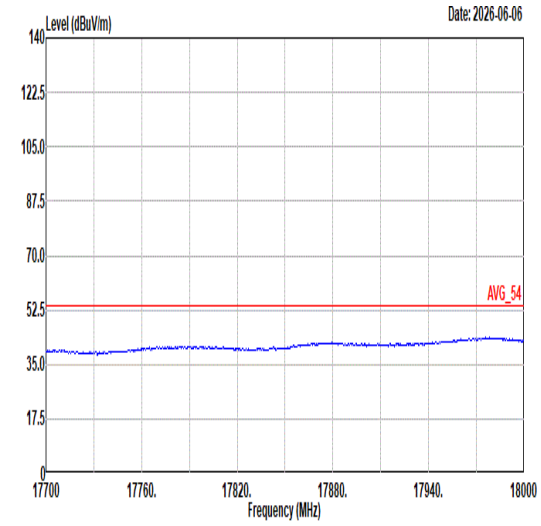
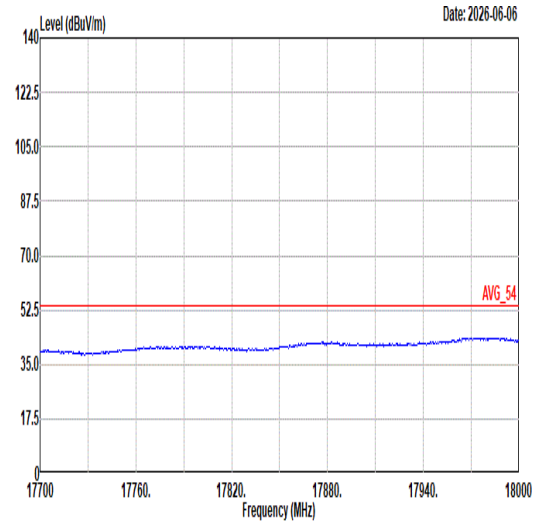
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

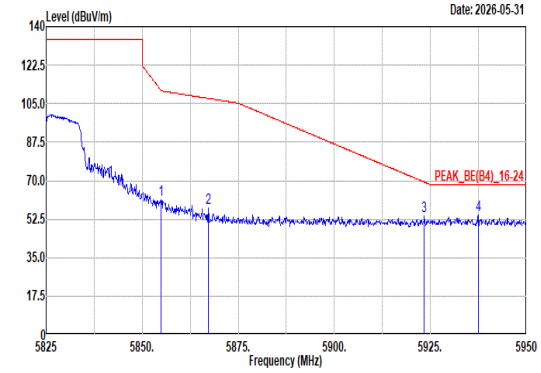
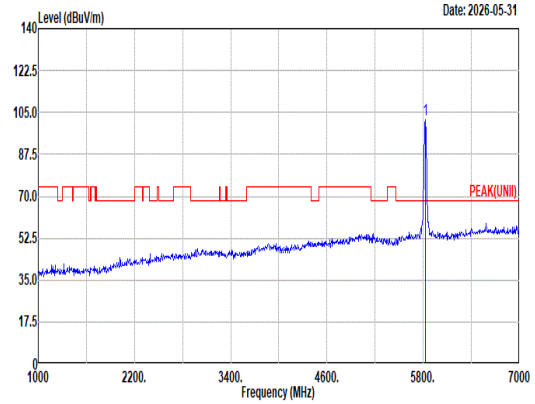
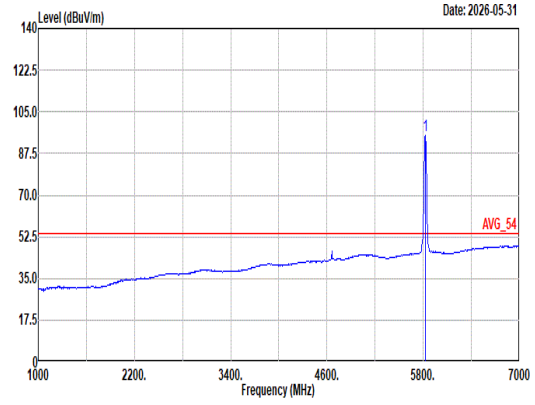
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11570.00	47.25	74.00	-26.75	45.63	38.92	16.87	54.77	0.60	--	--	Peak
2	17355.00	48.31	68.20	-19.89	45.70	38.51	20.60	56.87	0.37	--	--	Peak



Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	47.21	74.00	-26.79	45.59	38.92	16.87	54.77	0.60	--	--	Peak
2	17355.00	48.83	68.20	-19.37	46.22	38.51	20.60	56.87	0.37	--	--	Peak

Mode	39	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	40	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		
Avg	Blank	

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

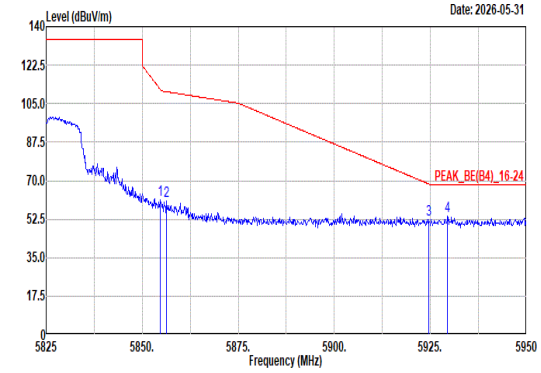
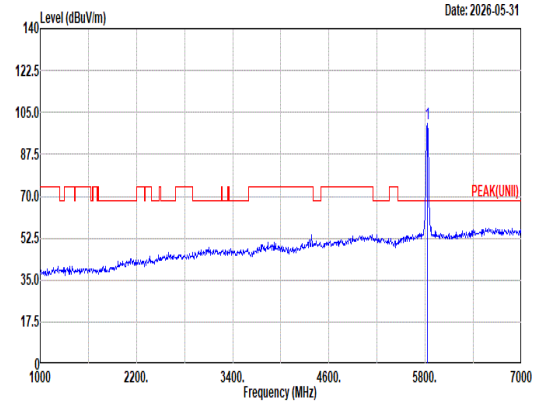
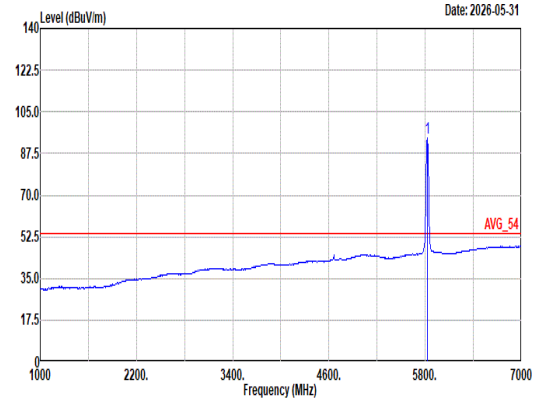
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5854.88	61.34	111.08	-49.74	49.72	34.40	10.84	33.62	0.00	100	236	Peak
2	5867.25	57.74	107.37	-49.63	46.11	34.40	10.85	33.62	0.00	100	236	Peak
3	5923.38	53.73	69.40	-15.67	42.09	34.35	10.92	33.63	0.00	100	236	Peak
4	5937.50	54.23	68.20	-13.97	42.59	34.33	10.94	33.63	0.00	100	236	Peak

Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	101.88	------	------	90.39	34.30	10.80	33.61	0.00	100	236	Peak

Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:0.820kHz 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	95.14	------	------	83.65	34.30	10.80	33.61	0.00	100	236	Average

Mode	40	
	Band Edge	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		
Avg	Blank	

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

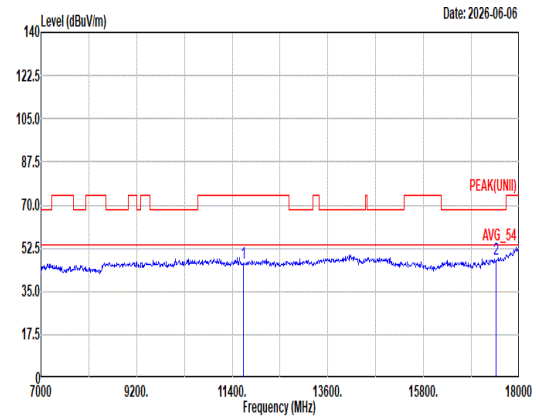
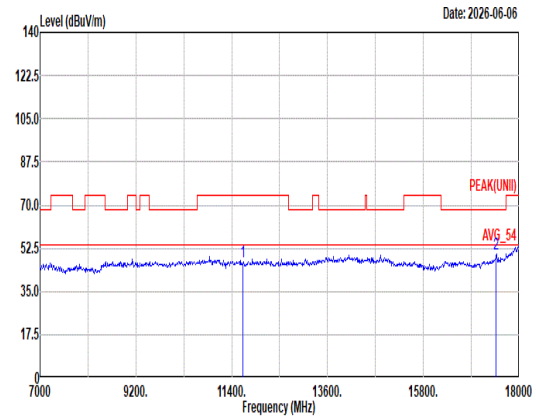
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5854.75	61.09	111.37	-50.28	49.47	34.40	10.84	33.62	0.00	100	88	Peak
2	5856.25	60.82	110.45	-49.63	49.20	34.40	10.84	33.62	0.00	100	88	Peak
3	5924.63	52.08	68.48	-16.40	40.44	34.35	10.92	33.63	0.00	100	88	Peak
4	5929.50	54.02	68.20	-14.18	42.38	34.34	10.93	33.63	0.00	100	88	Peak

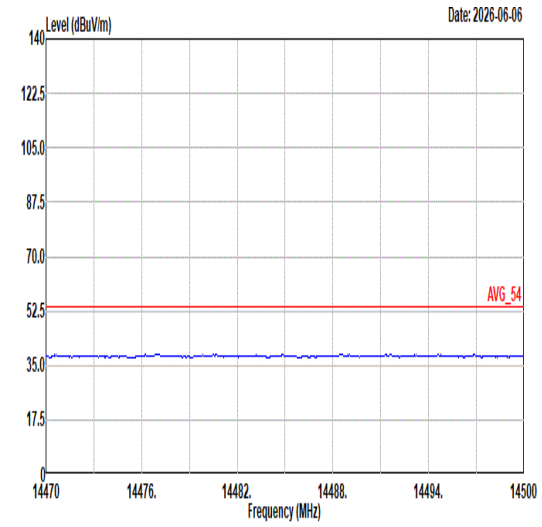
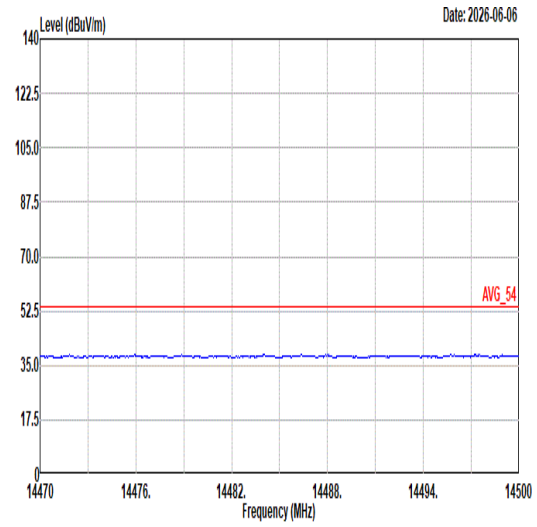
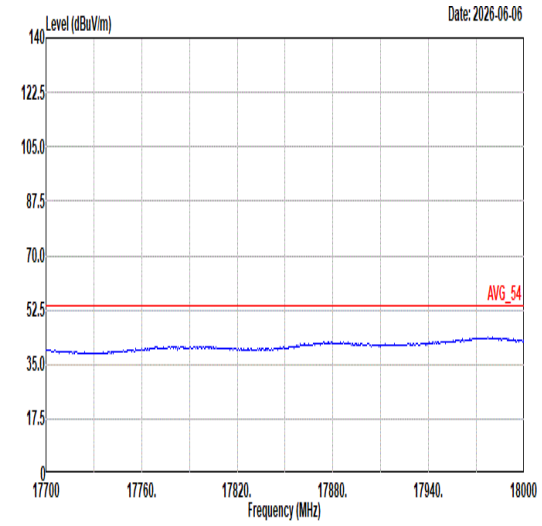
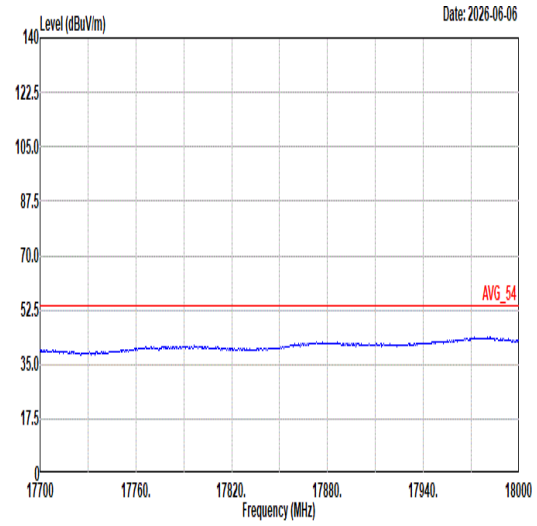
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5825.00	100.26	------	------	88.74	34.32	10.81	33.61	0.00	100	88	Peak

Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:0.820kHz SWT:Auto

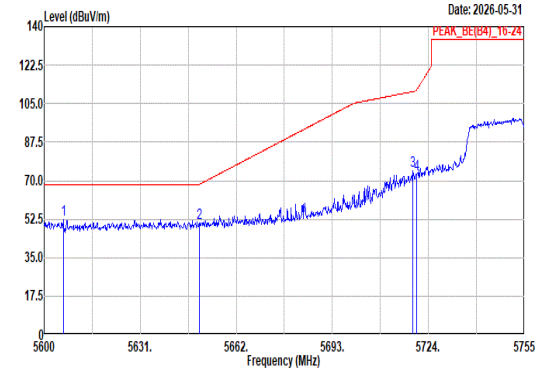
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5825.00	93.99	------	------	82.50	34.30	10.80	33.61	0.00	100	88	Average

Mode	40	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 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 11650.00 46.48 74.00 -27.52 45.07 38.60 16.93 54.72 0.60 -- -- Peak 2 17475.00 48.02 68.20 -20.18 45.24 38.70 20.70 57.00 0.38 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 3m 9120D-02114-250702 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 11650.00 46.95 74.00 -27.05 45.54 38.60 16.93 54.72 0.60 -- -- Peak 2 17475.00 50.24 68.20 -17.96 47.46 38.70 20.70 57.00 0.38 -- -- Peak

Mode	40	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

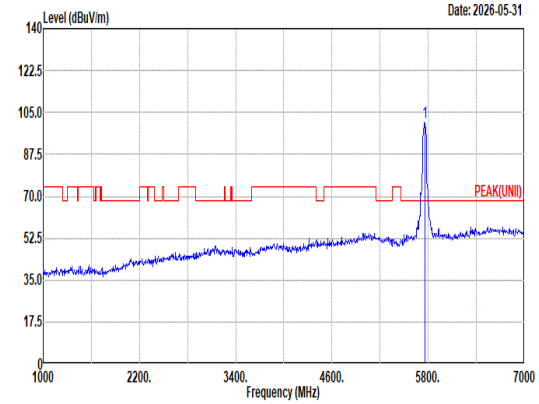
Mode	41	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5606.20	52.55	68.20	-15.65	42.13	33.31	10.69	33.58	0.00	100	235	Peak
2	5650.07	50.93	68.25	-17.32	40.40	33.40	10.71	33.58	0.00	100	235	Peak
3	5719.04	74.62	110.53	-35.91	63.70	33.78	10.74	33.60	0.00	100	235	Peak
4	5720.13	73.16	111.09	-37.93	62.24	33.78	10.74	33.60	0.00	100	235	Peak

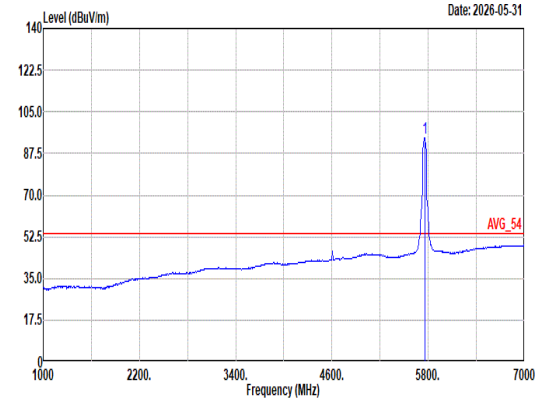


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5755.00	100.78	------	------	89.72	33.91	10.75	33.60	0.00	100	235	Peak

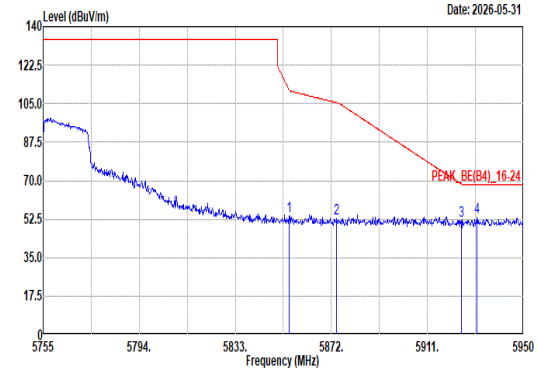
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz 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	93.89	------	------	82.79	33.95	10.75	33.60	0.00	100	235	Average

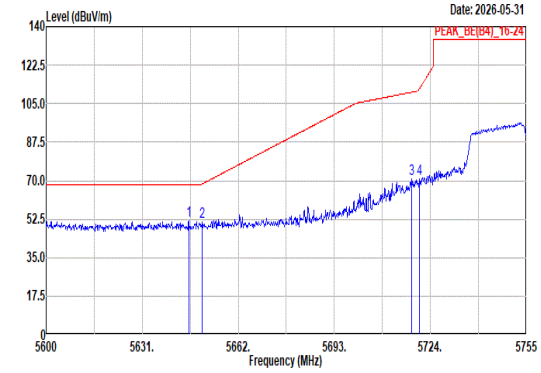
Mode	41	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.84	53.87	111.16	-57.29	42.25	34.40	10.84	33.62	0.00	100	235	Peak
2	5874.15	53.03	105.44	-52.41	41.39	34.40	10.86	33.62	0.00	100	235	Peak
3	5924.85	51.65	68.31	-16.66	40.01	34.35	10.92	33.63	0.00	100	235	Peak
4	5931.09	53.50	68.20	-14.70	41.86	34.34	10.93	33.63	0.00	100	235	Peak

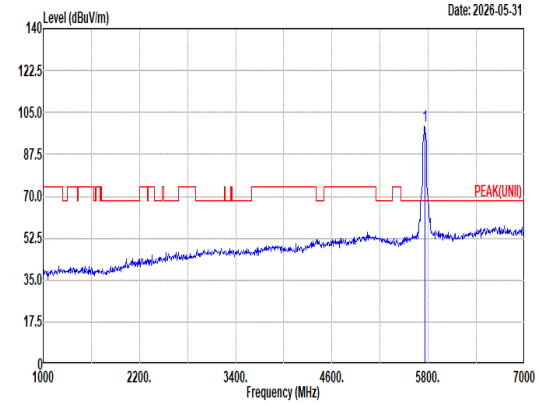
Mode	41	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5646.04	51.89	68.20	-16.31	41.37	33.39	10.71	33.58	0.00	100	86	Peak
2	5650.38	51.25	68.48	-17.23	40.72	33.40	10.71	33.58	0.00	100	86	Peak
3	5717.96	70.69	110.23	-39.54	59.77	33.77	10.74	33.59	0.00	100	86	Peak
4	5720.44	70.54	111.79	-41.25	59.62	33.78	10.74	33.60	0.00	100	86	Peak

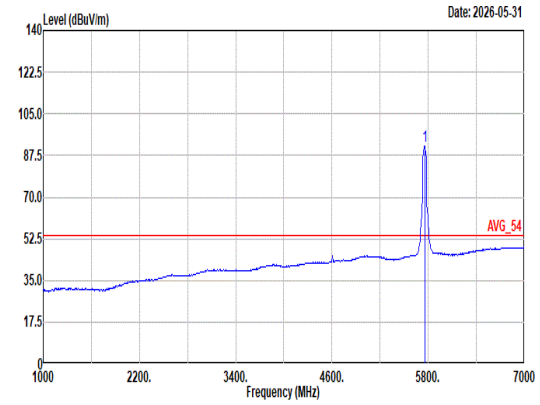


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	99.27	------	------	88.21	33.91	10.75	33.60	0.00	100	86	Peak

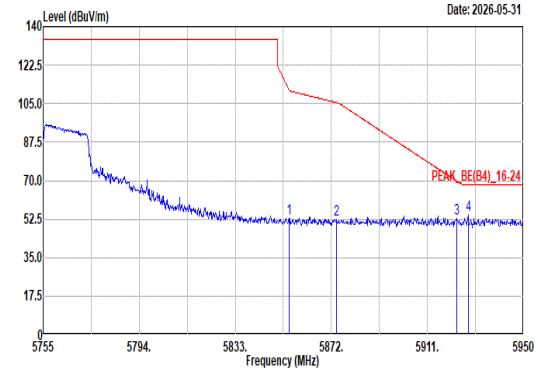
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz 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	91.55	------	------	80.49	33.91	10.75	33.60	0.00	100	86	Average

Mode	41	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		Blank

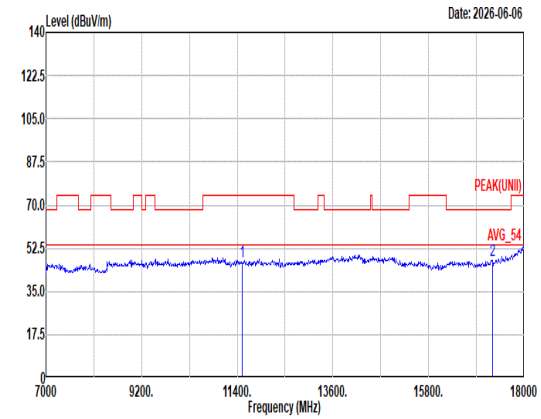
Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5854.84	52.65	111.16	-58.51	41.03	34.40	10.84	33.62	0.00	100	86	Peak
2	5874.15	52.52	105.44	-52.92	40.88	34.40	10.86	33.62	0.00	100	86	Peak
3	5922.90	52.99	69.75	-16.76	41.35	34.35	10.92	33.63	0.00	100	86	Peak
4	5927.58	54.21	68.20	-13.99	42.58	34.34	10.92	33.63	0.00	100	86	Peak

Mode	41	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Horizontal	Vertical

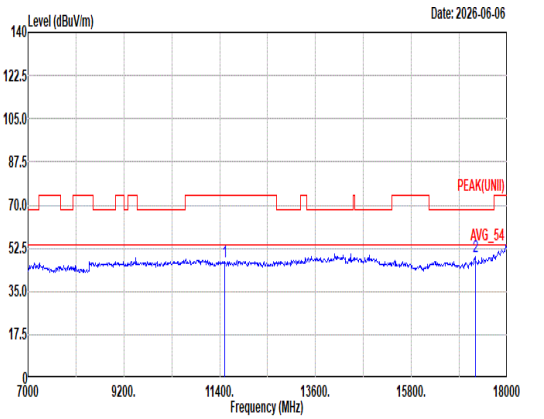
Peak

Avg



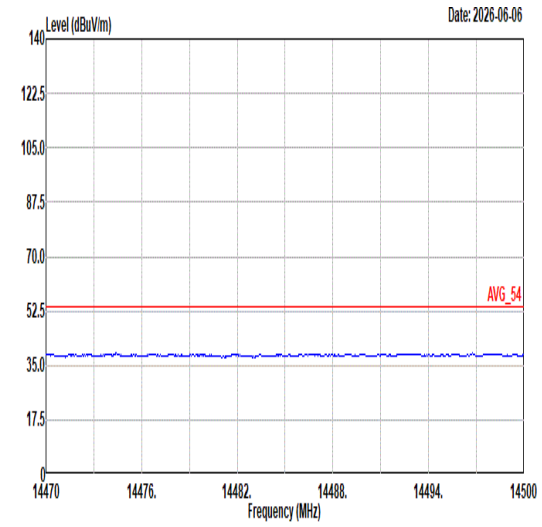
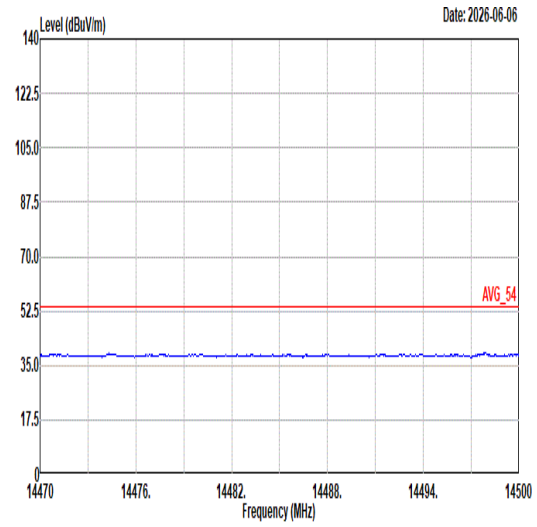
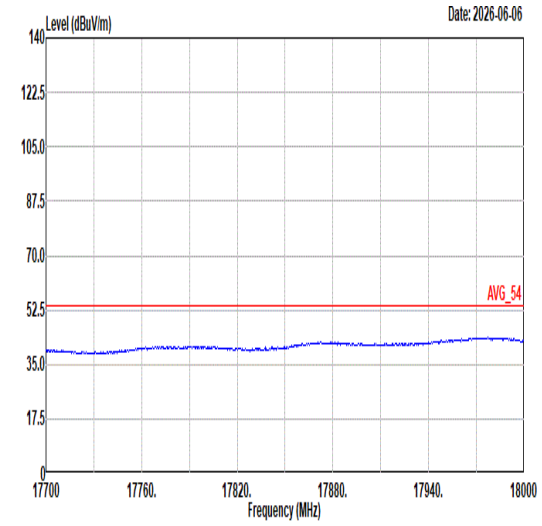
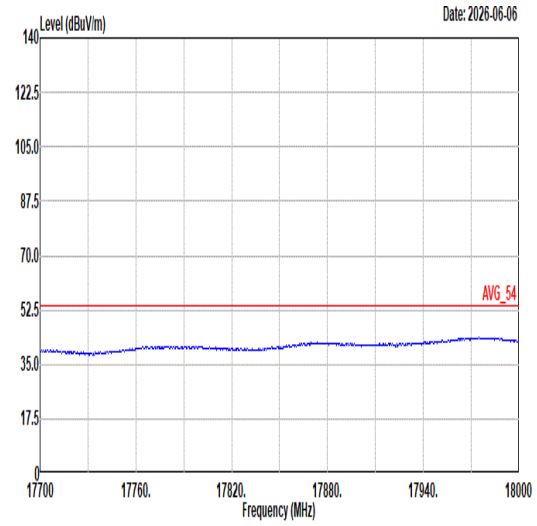
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

	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	46.82	74.00	-27.18	45.03	39.16	16.83	54.80	0.60	--	--	Peak
2	17265.00	47.77	68.20	-20.43	45.31	38.33	20.53	56.77	0.37	--	--	Peak



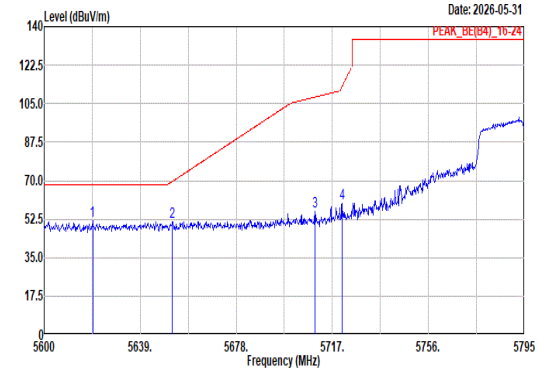
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL

	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	47.26	74.00	-26.74	45.47	39.16	16.83	54.80	0.60	--	--	Peak
2	17265.00	48.87	68.20	-19.33	46.41	38.33	20.53	56.77	0.37	--	--	Peak

Mode	41	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT40_CH151_5755MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

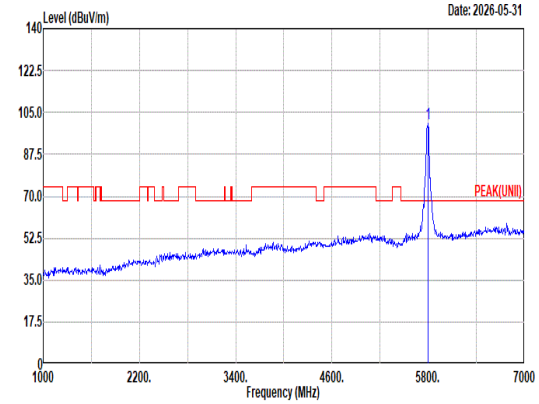
Mode	42	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5619.70	51.61	68.20	-16.59	41.15	33.34	10.70	33.58	0.00	100	227	Peak
2	5652.07	51.25	69.73	-18.48	40.71	33.41	10.71	33.58	0.00	100	227	Peak
3	5709.98	56.08	108.00	-51.92	45.20	33.74	10.73	33.59	0.00	100	227	Peak
4	5720.90	59.76	112.85	-53.09	48.84	33.78	10.74	33.60	0.00	100	227	Peak

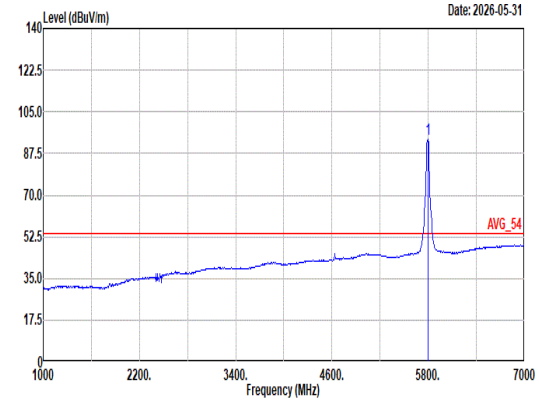


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5795.00	100.54	------	------	89.22	34.16	10.77	33.61	0.00	100	227	Peak

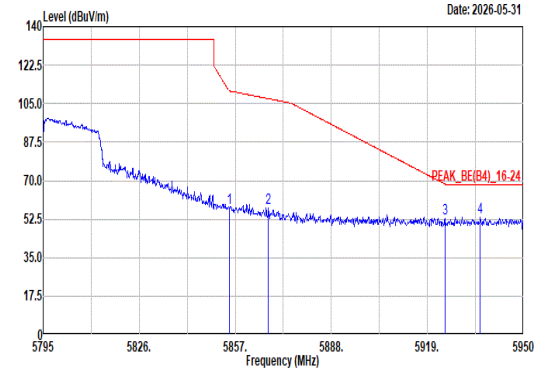
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:1.600kHz 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	93.60	------	------	82.28	34.16	10.77	33.61	0.00	100	227	Average

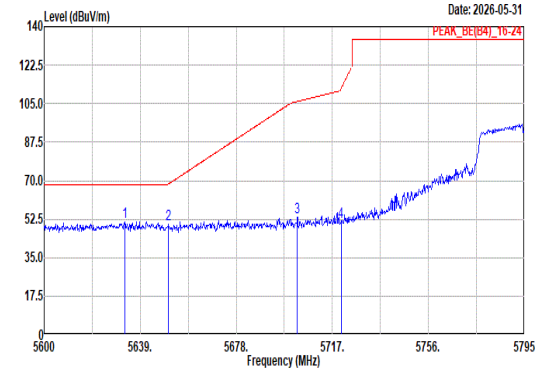
Mode	42	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.99	57.74	110.83	-53.09	46.12	34.40	10.84	33.62	0.00	100	227	Peak
2	5867.70	57.64	107.24	-49.60	46.01	34.40	10.85	33.62	0.00	100	227	Peak
3	5924.74	53.08	68.40	-15.32	41.44	34.35	10.92	33.63	0.00	100	227	Peak
4	5936.05	53.44	68.20	-14.76	41.81	34.33	10.93	33.63	0.00	100	227	Peak

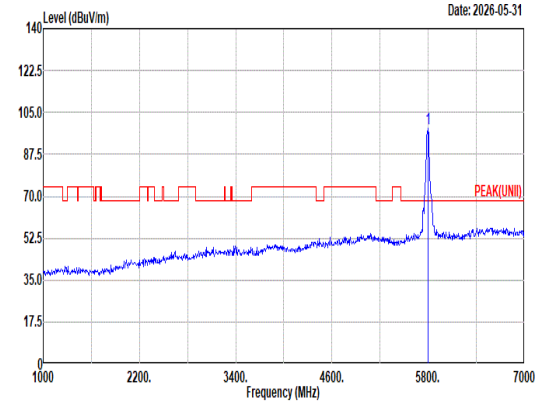
Mode	42	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5632.76	51.28	68.20	-16.92	40.79	33.37	10.70	33.58	0.00	100	86	Peak
2	5650.51	50.12	68.58	-18.46	39.59	33.40	10.71	33.58	0.00	100	86	Peak
3	5702.77	53.20	105.98	-52.78	42.35	33.71	10.73	33.59	0.00	100	86	Peak
4	5720.51	51.47	111.96	-60.49	40.55	33.78	10.74	33.60	0.00	100	86	Peak

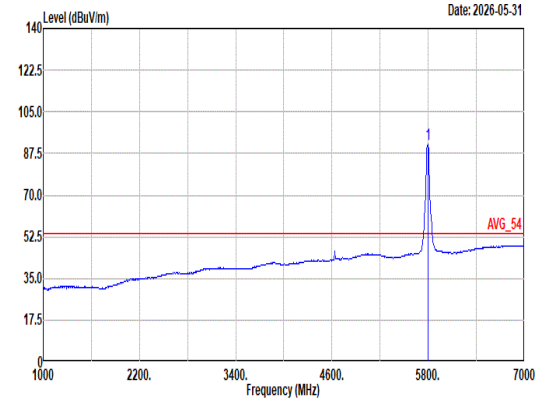


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	98.09	------	------	86.73	34.20	10.77	33.61	0.00	100	86	Peak

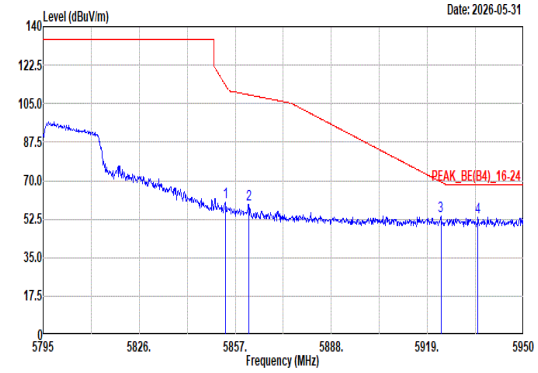
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:1.600kHz 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	91.17	------	------	79.85	34.16	10.77	33.61	0.00	100	86	Average

Mode	42	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		Blank

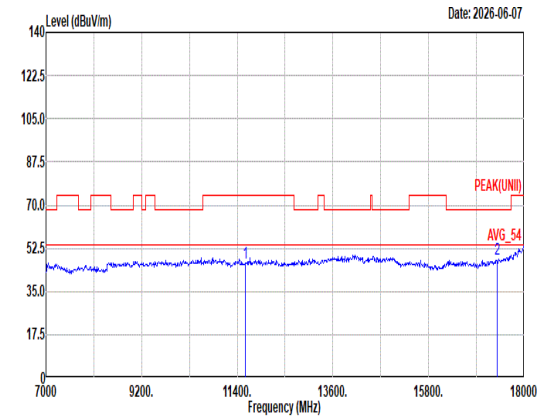
Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5853.90	59.97	113.31	-53.34	48.36	34.40	10.83	33.62	0.00	100	86	Peak
2	5861.34	59.04	109.02	-49.98	47.42	34.40	10.84	33.62	0.00	100	86	Peak
3	5923.34	53.70	69.42	-15.72	42.06	34.35	10.92	33.63	0.00	100	86	Peak
4	5935.28	53.49	68.20	-14.71	41.86	34.33	10.93	33.63	0.00	100	86	Peak

Mode	42	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Horizontal	Vertical

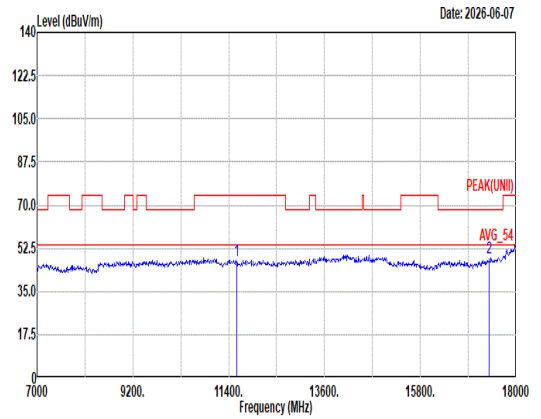
Peak

Avg



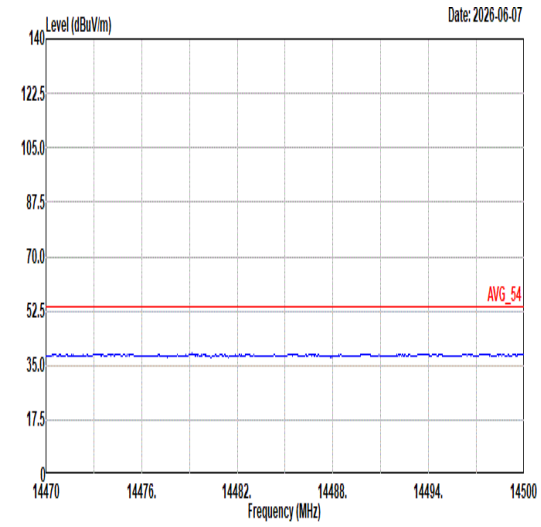
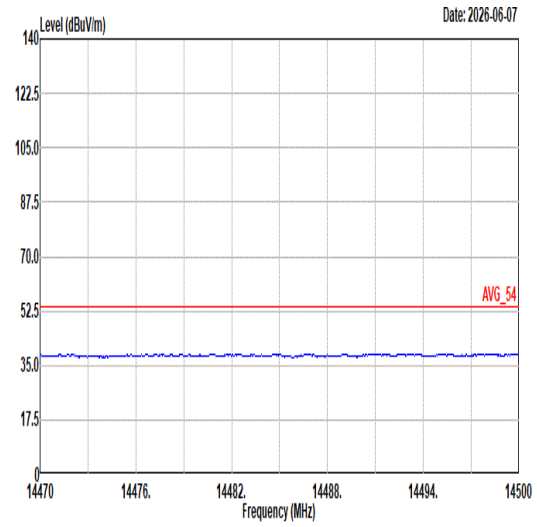
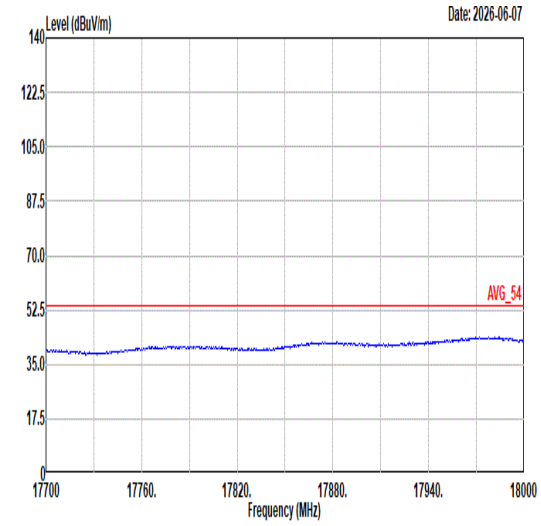
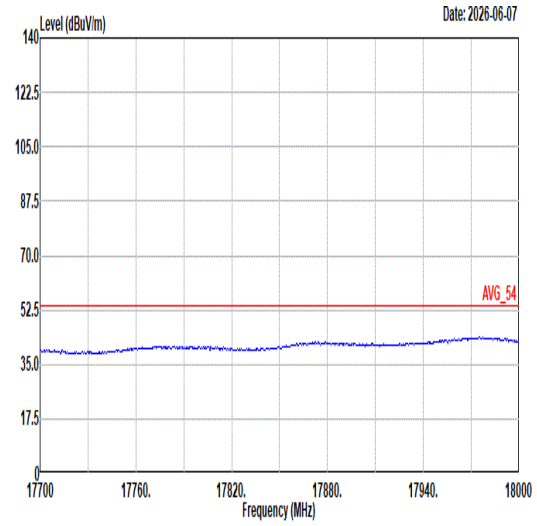
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

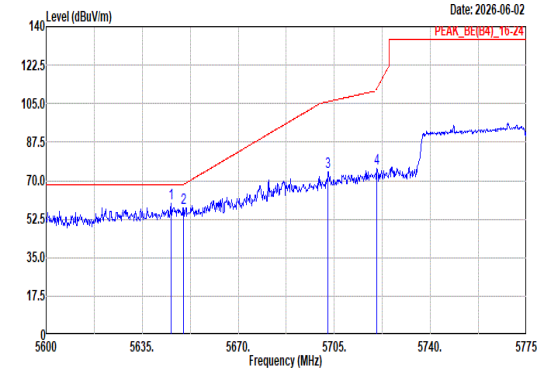
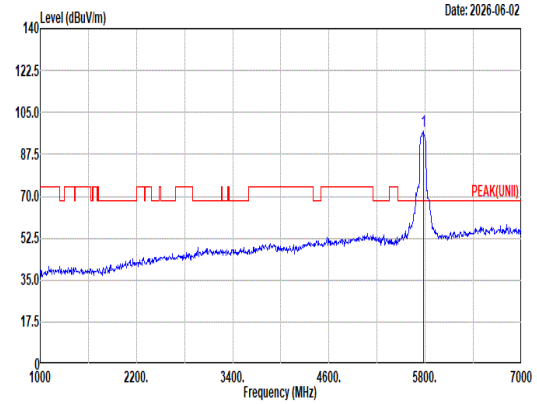
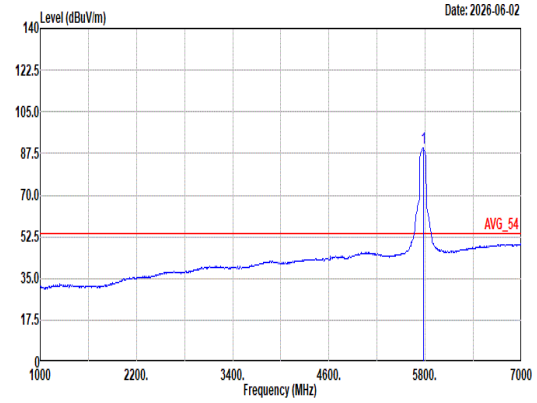
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11590.00	46.72	74.00	-27.28	45.15	38.84	16.89	54.76	0.60	--	--	Peak
2	17385.00	48.04	68.20	-20.16	45.37	38.57	20.63	56.90	0.37	--	--	Peak



Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	11590.00	47.56	74.00	-26.44	45.99	38.84	16.89	54.76	0.60	--	--	Peak
2	17385.00	48.76	68.20	-19.44	46.09	38.57	20.63	56.90	0.37	--	--	Peak

Mode	42	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT40_CH159_5795MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	43	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		
Avg	Blank	

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

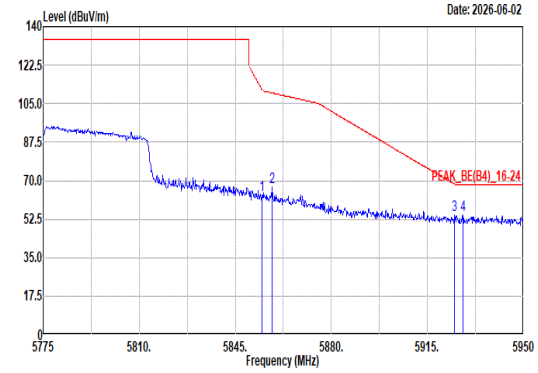
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5645.50	59.49	68.20	-8.71	48.97	33.39	10.71	33.58	0.00	108	231	Peak
2	5650.05	57.68	68.24	-10.56	47.15	33.40	10.71	33.58	0.00	108	231	Peak
3	5702.73	73.93	105.96	-32.03	63.08	33.71	10.73	33.59	0.00	108	231	Peak
4	5720.58	75.56	112.11	-36.55	64.64	33.78	10.74	33.60	0.00	108	231	Peak

Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	97.10	------	------	85.88	34.06	10.76	33.60	0.00	108	231	Peak

Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL
: RBW:1000.000kHz VBW:3.300kHz 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	89.94	------	------	78.70	34.09	10.76	33.61	0.00	108	231	Average

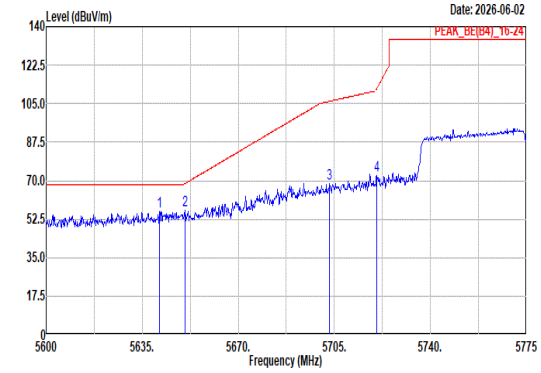
Mode	43	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Horizontal	Fundamental
Peak		Blank

Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5854.80	63.62	111.26	-47.64	52.00	34.40	10.84	33.62	0.00	108	231	Peak
2	5858.48	67.11	109.83	-42.72	55.49	34.40	10.84	33.62	0.00	108	231	Peak
3	5924.98	54.22	68.22	-14.00	42.58	34.35	10.92	33.63	0.00	108	231	Peak
4	5927.95	54.20	68.20	-14.00	42.57	34.34	10.92	33.63	0.00	108	231	Peak

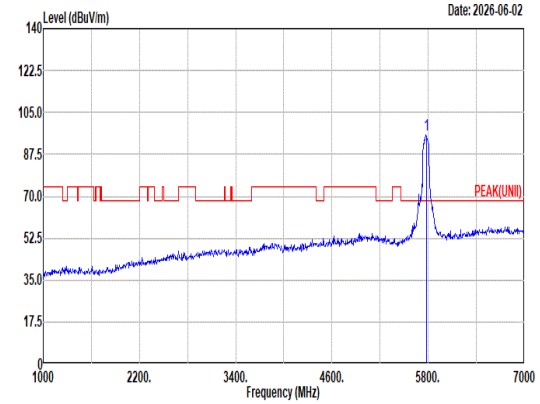
Mode	43	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Vertical	Fundamental

Peak



Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 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	5641.30	55.83	68.20	-12.37	45.32	33.38	10.71	33.58	0.00	100	86	Peak
2	5650.58	56.39	68.63	-12.24	45.86	33.40	10.71	33.58	0.00	100	86	Peak
3	5703.25	68.61	106.11	-37.50	57.76	33.71	10.73	33.59	0.00	100	86	Peak
4	5720.40	72.44	111.71	-39.27	61.52	33.78	10.74	33.60	0.00	100	86	Peak

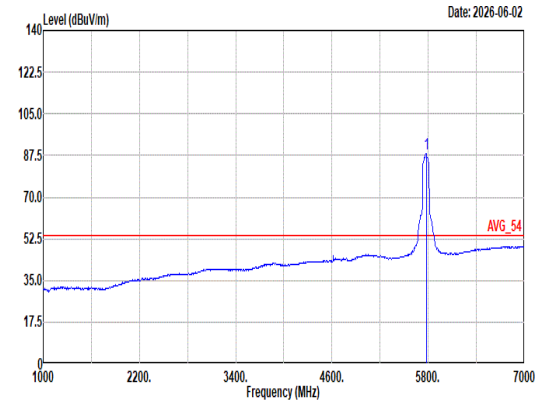


Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	95.83	------	------	84.65	34.02	10.76	33.60	0.00	100	86	Peak

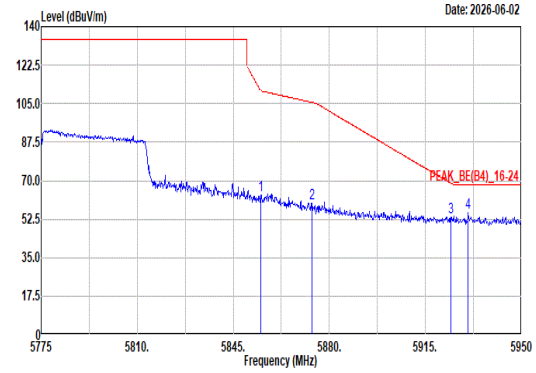
Avg

Blank



Site : 03CH12-HY
Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3.300kHz 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	88.28	------	------	77.06	34.06	10.76	33.60	0.00	100	86	Average

Mode	43	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Vertical	Fundamental
Peak		Blank

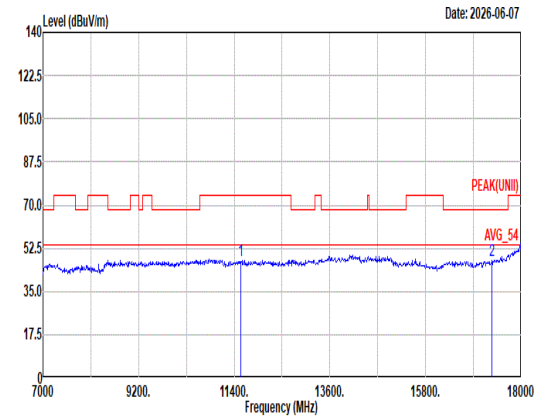
Site : 03CH12-HY
Condition: PEAK_BE(B4)_16-24 3m 9120D-02114-250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

	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	5854.98	63.35	110.86	-47.51	51.73	34.40	10.84	33.62	0.00	100	86	Peak
2	5873.70	59.87	105.56	-45.69	48.23	34.40	10.86	33.62	0.00	100	86	Peak
3	5924.28	53.55	68.73	-15.18	41.91	34.35	10.92	33.63	0.00	100	86	Peak
4	5930.58	55.27	68.20	-12.93	43.63	34.34	10.93	33.63	0.00	100	86	Peak

Mode	43	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Horizontal	Vertical

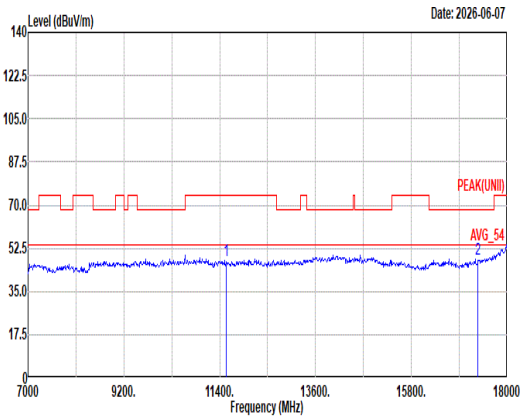
Peak

Avg



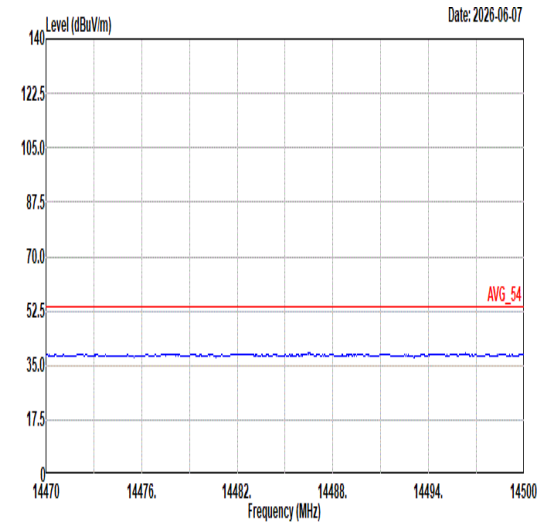
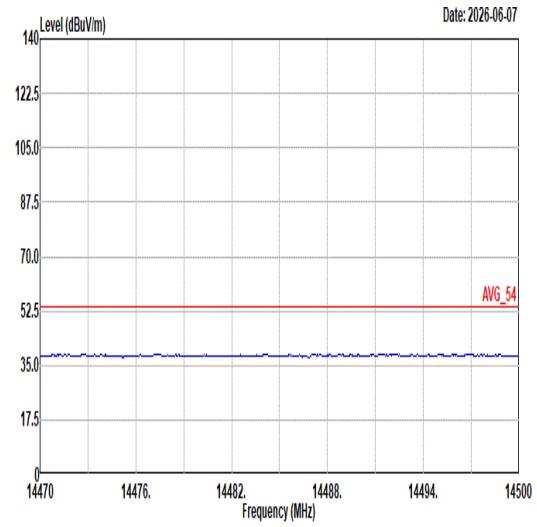
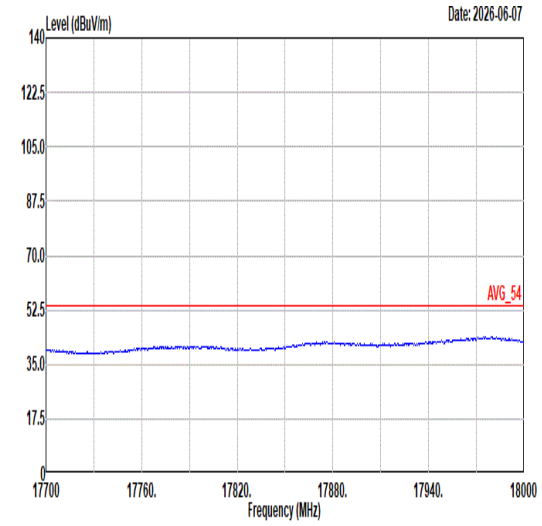
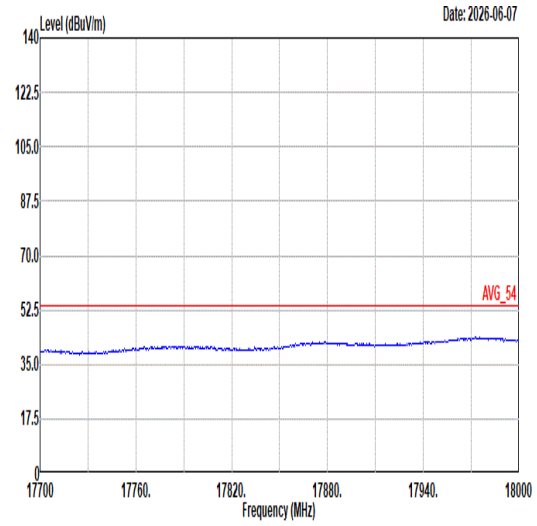
Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 HORIZONTAL

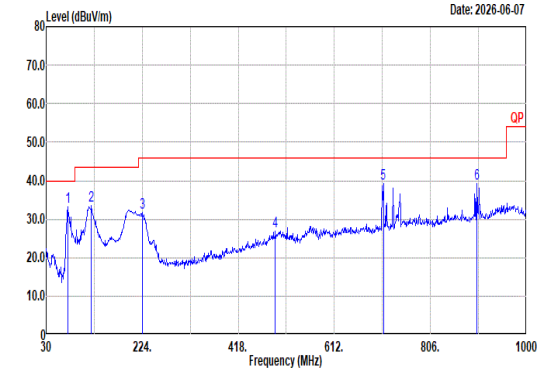
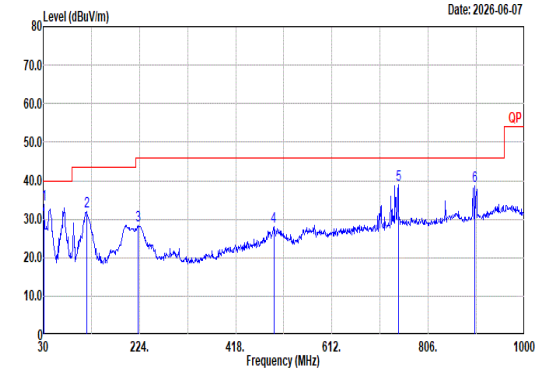
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	11550.00	47.33	74.00	-26.67	45.65	39.00	16.86	54.78	0.60	--	--	Peak
2	17325.00	47.77	68.20	-20.43	45.21	38.45	20.58	56.84	0.37	--	--	Peak



Site : 03CH12-HY
Condition: PEAK(UNII) 3m 9120D-02114-250702 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	11550.00	47.51	74.00	-26.49	45.83	39.00	16.86	54.78	0.60	--	--	Peak
2	17325.00	47.84	68.20	-20.36	45.28	38.45	20.58	56.84	0.37	--	--	Peak

Mode	43	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL
17.7G ~18G Avg	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 3m 9120D-02114-250702 VERTICAL

Mode	44	
	LF	
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz	
ANT	4	
Pol.	Horizontal	Vertical
QP/ Peak		

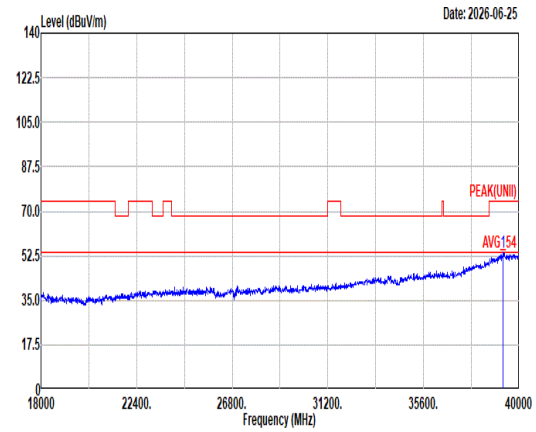
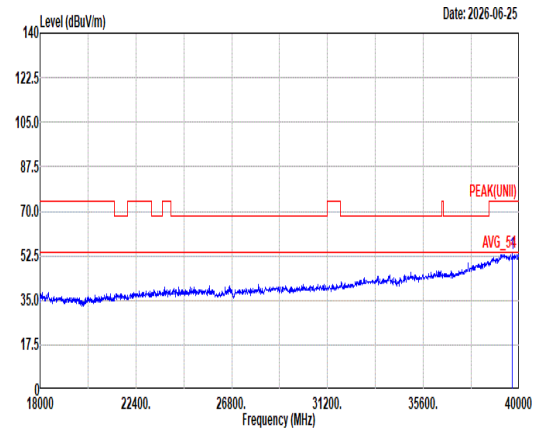
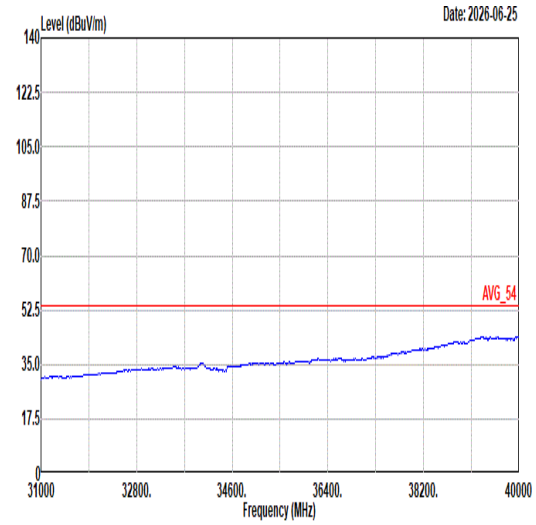
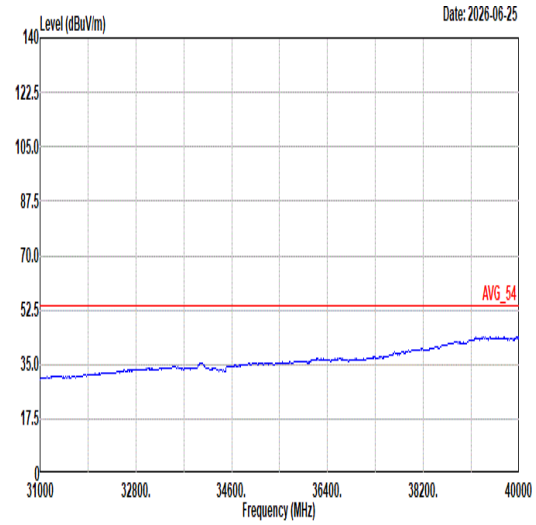
Site : 03CH12-HY
Condition: QP 3m Bilog_37059 & 01_251126 HORIZONTAL

	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	73.65	33.19	40.00	-6.81	49.66	12.60	1.02	30.17	0.08	--	--	Peak
2	121.18	33.37	43.50	-10.13	44.43	17.56	1.39	30.12	0.11	--	--	Peak
3	224.00	31.66	46.00	-14.34	43.96	15.62	1.93	29.97	0.12	--	--	Peak
4	492.69	26.80	46.00	-19.20	29.17	23.93	2.96	29.45	0.19	--	--	Peak
5	710.94	39.15	46.00	-6.85	37.51	26.91	3.61	29.14	0.26	--	--	Peak
6	899.12	39.32	46.00	-6.68	34.64	29.07	4.07	28.72	0.26	--	--	Peak

Site : 03CH12-HY
Condition: QP 3m Bilog_37059 & 01_251126 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	30.97	33.91	40.00	-6.09	39.82	23.58	0.59	30.14	0.06	--	--	Peak
2	117.30	31.86	43.50	-11.64	43.18	17.33	1.36	30.12	0.11	--	--	Peak
3	221.09	28.24	46.00	-17.76	40.86	15.32	1.92	29.98	0.12	--	--	Peak
4	494.63	28.04	46.00	-17.96	30.40	23.93	2.96	29.44	0.19	--	--	Peak
5	745.86	38.83	46.00	-7.17	35.77	28.20	3.71	29.07	0.22	--	--	Peak
6	900.09	38.69	46.00	-7.31	33.99	29.09	4.07	28.72	0.26	--	--	Peak

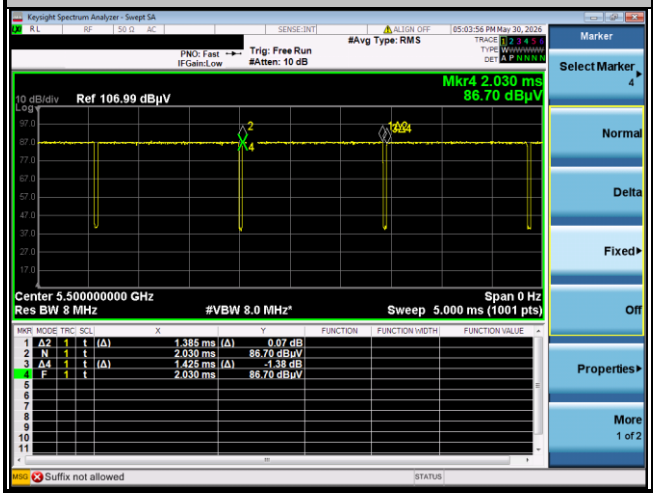
Mode	45
	SHF
	U-NII-3_5.725-5.85_802.11ac VHT80_CH155_5775MHz
ANT	4

Pol.	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 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 39258.00 53.65 74.00 -20.35 39.03 45.01 29.54 50.39 -9.54 -- -- Peak	 Site : 03CH12-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 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 39678.00 53.47 74.00 -20.53 38.27 45.02 29.60 49.88 -9.54 -- -- Peak
Avg	 Site : 03CH12-HY Condition: AVG_54 1m BBHA9170_1223_250702 HORIZONTAL	 Site : 03CH12-HY Condition: AVG_54 1m BBHA9170_1223_250702 VERTICAL

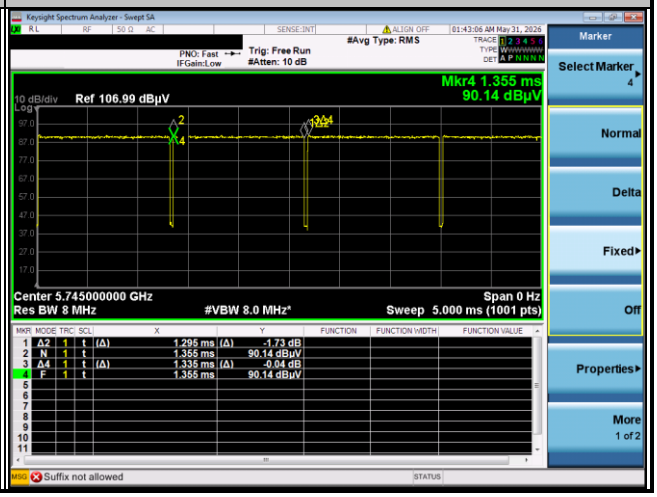
Appendix D. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
802.11a	97.19	1385	0.72	0.75k Hz
5GHz 802.11n HT20	97.00	1295	0.77	0.82k Hz
5GHz 802.11n HT40	94.30	645	1.55	1.6k Hz
5GHz 802.11ac VHT80	89.97	323	3.10	3.3k Hz

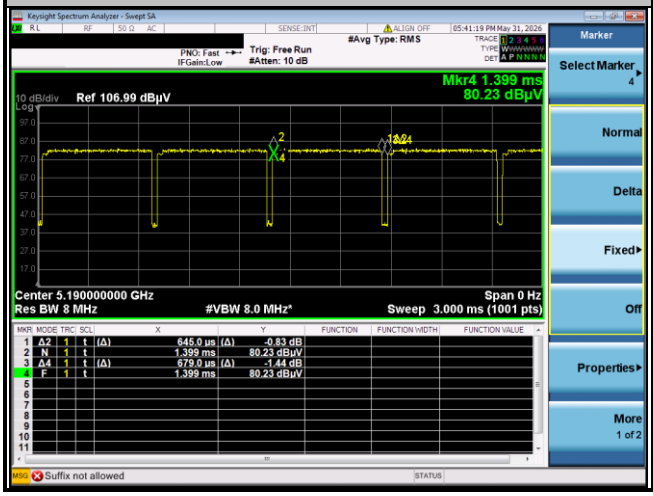
802.11a



5GHz 802.11n HT20



5GHz 802.11n HT40



5GHz 802.11ac VHT80