



FCC RADIO TEST REPORT

FCC ID : ACJ9TGWL24B
Equipment : Radio Module
Brand Name : Panasonic
Model Name : WL24B
Applicant : Panasonic Corporation of North America
Two Riverfront Plaza, Newark, New Jersey, 07102-5490, USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jun. 16, 2026 and testing was performed from Jun. 29, 2026 to Aug. 13, 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



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History of this test report

Report No.	Version	Description	Issue Date
FR612317-02F	01	Initial issue of report	Sep. 08, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.407	6dB Bandwidth	Pass	See Note
	15.403	26dB Bandwidth	Pass	See Note
	2.1049	99% Occupied Bandwidth	Pass	See Note
3.1	15.407(a)	Maximum E.I.R.P Output Power	Pass	-
-	15.407(a)	Power Spectral Density	Pass	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	7.94 dB under the limit at 5895.01 MHz
-	15.207	AC Conducted Emission	Pass	See Note
3.3	15.203	Antenna Requirement	Pass	-

Note:

- For host device, the spot check Radiated Spurious Emission and complies with the limit in this test report.
- For host device, the spot check Conducted Output Power is no difference after compared to module (Model: Panasonic WL24B).

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- 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: Vina Su



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be	
Antenna Type WLAN: <Aux Ant. (Chain A)>: Monopole Antenna <Main Ant. (Chain B)>: PIFA Antenna	

Antenna information		
5850 MHz ~ 5895 MHz	Peak Gain (dBi)	Aux Ant. (Chain A): 2.50 dBi Main Ant. (Chain B): 2.83 dBi

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. The product was installed into Personal Computer (Brand Name: Panasonic, Model Name: FZ-G3 during test

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

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

For power measurements on IEEE 802.11 devices,

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

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

For PSD measurements, the directional gain calculation.

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

where

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

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

N_{ANT} = the total number of antennas

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

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

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

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

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

UNII-4	Chain Port 0 Chain A (dBi)	Chain Port 1 Chain B (dBi)	DG for Power (dBi)	DG for PSD (dBi)
	2.50	2.83	2.83	5.68

Calculation example:

If a device has two antenna, $G_{ANT1} = 2.50$ dBi; $G_{ANT2} = 2.83$ dBi

Directional gain of power measurement = $\max(2.50, 2.83) + 0 = 2.83$ dBi

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[10^{(2.83 \text{ dBi} / 20)} + 10^{(2.50 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

$$= 5.68 \text{ dBi}$$

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 KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC KDB 291074 D02 EMC Measurement v01
- ♦ 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.

2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and Laptop /Tablet/Convertible mode and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Keyboard), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

Frequency Band	Bandwidth	Channel	Frequency (MHz)	Note
5850-5895 MHz (U-NII-4)	20 MHz	169	5845	Straddle
		173	5865	
		177	5885	
	40 MHz	167	5835	Straddle
		175	5875	
	80 MHz	171	5855	Straddle
	160 MHz	163	5815	Straddle

Note: The channel noted with “straddle” spans 5.725-5.850 GHz and 5.850-5.895 GHz.

2.2 Test Mode

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

SISO Mode

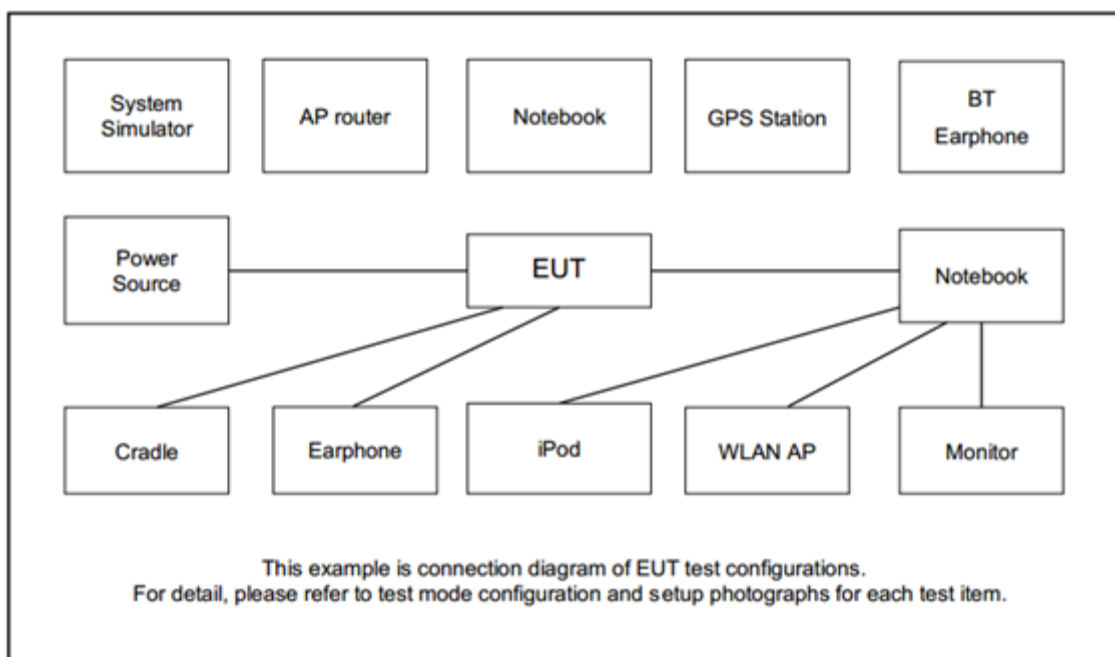
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

MIMO Mode

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0
802.11ac VHT160	MCS0
802.11ax HE20(Covered by EHT20)	MCS0
802.11ax HE40(Covered by EHT40)	MCS0
802.11ax HE80(Covered by EHT80)	MCS0
802.11ax HE160(Covered by EHT160)	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0

Remark: The detailed Radiated test modes are shown in Appendix B.

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.	Earphone	SAMSUNG	SOUND BY AKG	N/A	1.2M	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "DRTU.10339.24.40.0" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.



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.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 Maximum E.I.R.P Output Power Measurement

3.1.1 Limit of Maximum E.I.R.P Output Power

For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

3.1.2 Measuring Instruments

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

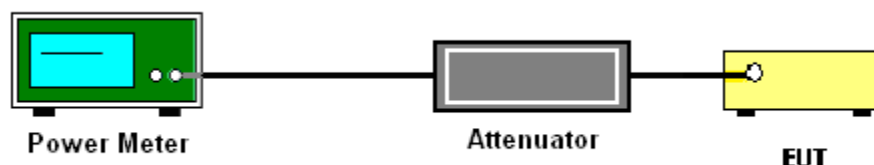
3.1.3 Test Procedures

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

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

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

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.2 Unwanted Emissions Measurement

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

3.2.1 Limit of Unwanted Emissions

- (1) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as the following 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.

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

- (2) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

15.407(b)(5)(ii), all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.

All emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

- (3) KDB 291074 D02 v01 clause 2.9

Use guidance in KDB Publication 789033 for all measurements. Unwanted emissions outside of restricted bands are measured with an RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Unwanted band-edge emissions may be measured using the integration method as described in KDB Publication 789033 3. d) (ii). Emissions below 5725 MHz should be measured using peak-detection while emission above 5895 MHz should be measured using average.

Frequency(GHz)	EIRP (dBm)	Field Strength @3m distance (dBuV/m)	Note
Below 5.65	-27dBm/MHz	68.2	Peak
5.7	10dBm/MHz	105.2	Peak
5.72	15.6dBm/MHz	110.8	Peak
5.725	27dBm/MHz	122.2	Peak
5.895	-5dBm/MHz	90.2	Average
5.895	15dBm/MHz	110.2	Peak
Above 5.925	-27dBm/MHz	68.2	Average
Above 5.925	-7dBm/MHz	88.2	Peak

Note: Field strength at 3 m distance is converted to EIRP as the following equation:

$$\text{EIRP[dBm]} = \text{E[dB}\mu\text{V/m]} - 95.2$$

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 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 $\geq$ 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 $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction:

If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less than $\pm 2\%$), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle D of the transmitter output signal as described in 11.6.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = RMS (power averaging), if $\text{span} / (\# \text{ of points in sweep}) \leq (\text{RBW} / 2)$.
Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., rms):
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing with the emission limit to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (rms) mode was used in step f), then the applicable correction factor is $[10 \log (1 / D)]$, where D is the duty cycle.

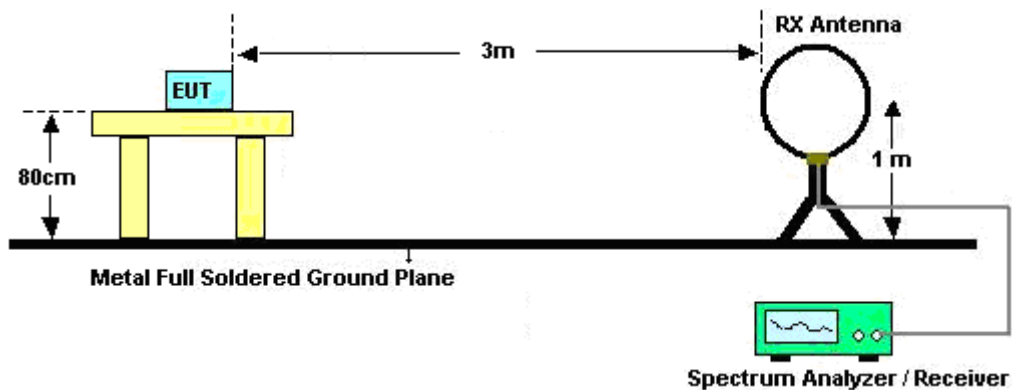
Reduction of the measured emission amplitude levels to account for operational duty cycle is not permitted. Determining compliance is based on emission levels occurring during transmission; it is not based on an average across ON and OFF times of the transmitter.



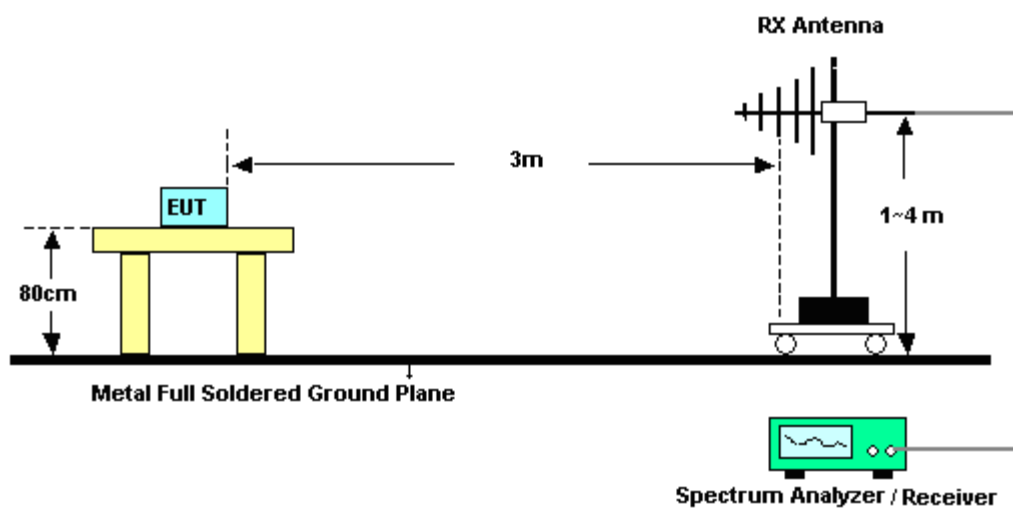
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.2.4 Test Setup

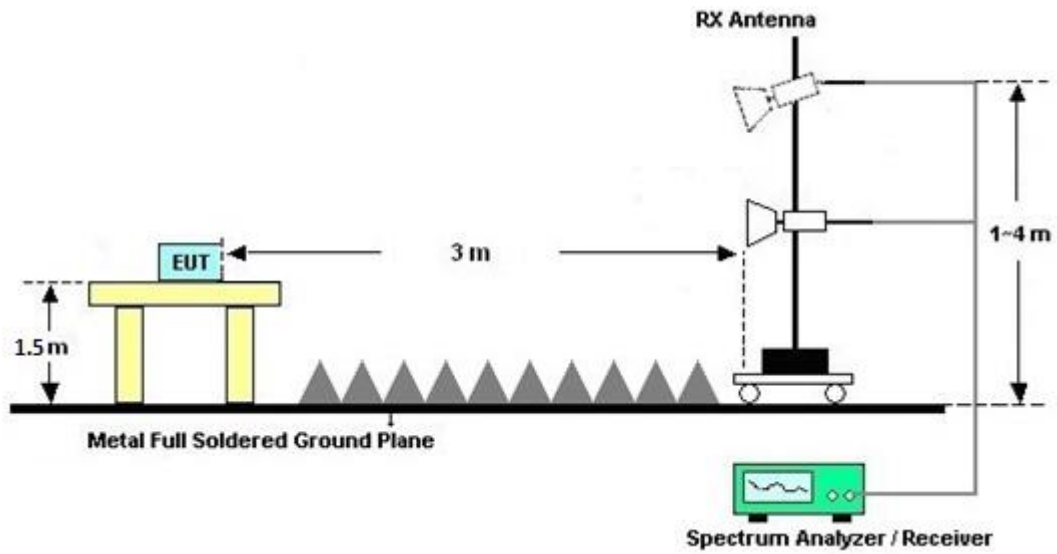
For radiated emissions below 30MHz



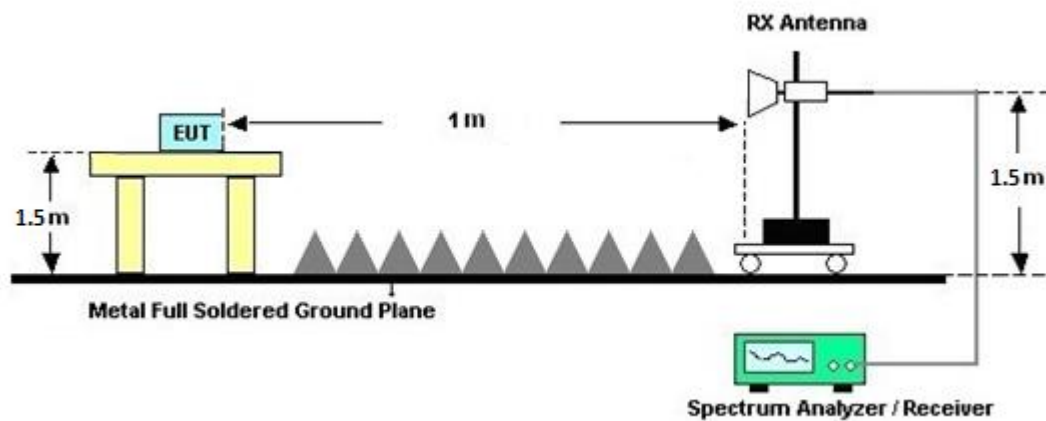
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





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

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

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

3.2.6 Test Results of Radiated Spurious Emissions (above 18 GHz)

For frequency above 18GHz, the pre-scanned result is 20dB lower than the limit line is not reported.

3.2.7 Test Result of Radiated Band Edges

Please refer to Appendix B.

3.2.8 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.



3.3 Antenna Requirements

3.3.1 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.

3.3.2 Antenna Anti-Replacement Construction

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Jun. 29, 2026 Jul. 01, 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Jun. 29, 2026 Jul. 01, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Jun. 29, 2026 Jul. 01, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Jun. 29, 2026 Jul. 01, 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	Jun. 29, 2026 Jul. 01, 2026	N/A	Conducted (TH05-HY)
Bilog Antenna with 6dB pad	TESEQ & VGT	CBL 6111D & VFA_Z-04002- N-06	66925 & 24006	30MHz~1GHz	Apr. 12, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Apr. 11, 2027	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Dec. 10, 2026	Radiation (03CH11-HY)
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Sep. 15, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Sep. 14, 2026	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1230	18GHz~40GHz	Nov. 05, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Nov. 04, 2026	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 06, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Dec. 05, 2026	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Mar. 23, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 22, 2027	Radiation (03CH11-HY)
Preamplifier	E-INSTRUMENT TECH LTD.	ERA-100M- 18G-56-01- A70	EC1900249	1GHz~18GHz	Jan. 20, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Jan. 19, 2027	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 08, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Jun. 07, 2027	Radiation (03CH11-HY)
Signal Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	May 28 2026	Aug. 06, 2026 ~ Aug. 13, 2026	May 27, 2027	Radiation (03CH11-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20Hz~8.4GHz	Apr. 30, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Apr. 29, 2027	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 06, 2026 ~ Aug. 13, 2026	N/A	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Aug. 06, 2026 ~ Aug. 13, 2026	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Aug. 06, 2026 ~ Aug. 13, 2026	N/A	Radiation (03CH11-HY)
Software	Audix	E3	RK-002391	N/A	N/A	Aug. 06, 2026 ~ Aug. 13, 2026	N/A	Radiation (03CH11-HY)
USB Data Logger	TECPEL	TR-32	HE17XM6804	N/A	Dec. 15, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Dec. 14, 2026	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP200880	N/A	Aug. 26, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Aug. 25, 2026	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804013/2	30M~40G	Mar. 04, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 04, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	9K~30M	Mar. 04, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	805139 2	30M~40G	Mar. 04, 2026	Aug. 06, 2026 ~ Aug. 13, 2026	Mar. 03, 2027	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 09, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Sep. 08, 2026	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-1530-8000-40SS	SN11	1.53GHz Low Pass Filter	Sep. 09, 2025	Aug. 06, 2026 ~ Aug. 13, 2026	Sep. 08, 2026	Radiation (03CH11-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.7 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.9 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2026/6/29~07/01	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

UNII-4 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
11a	6Mbps	1	169	5845	8.47	8.67		2.50	2.83	10.97	11.50	30	30
11a	6Mbps	1	173	5865	8.47	8.67		2.50	2.83	10.97	11.50	30	30
11a	6Mbps	1	177	5885	8.47	8.57		2.50	2.83	10.97	11.40	30	30
HT20	MCS0	1	169	5845	8.47	8.37		2.50	2.83	10.97	11.20	30	30
HT20	MCS0	1	173	5865	8.47	8.37		2.50	2.83	10.97	11.20	30	30
HT20	MCS0	1	177	5885	8.47	8.37		2.50	2.83	10.97	11.20	30	30
HT40	MCS0	1	167	5835	8.47	8.37		2.50	2.83	10.97	11.20	30	30
HT40	MCS0	1	175	5875	8.37	8.37		2.50	2.83	10.87	11.20	30	30
VHT20	MCS0	1	169	5845	8.57	8.47		2.50	2.83	11.07	11.30	30	30
VHT20	MCS0	1	173	5865	8.57	8.47		2.50	2.83	11.07	11.30	30	30
VHT20	MCS0	1	177	5885	8.57	8.47		2.50	2.83	11.07	11.30	30	30
VHT40	MCS0	1	167	5835	8.57	8.47		2.50	2.83	11.07	11.30	30	30
VHT40	MCS0	1	175	5875	8.47	8.47		2.50	2.83	10.97	11.30	30	30
VHT80	MCS0	1	171	5855	8.57	8.47		2.50	2.83	11.07	11.30	30	30
VHT160	MCS0	1	163	5815	8.57	8.57		2.50	2.83	11.07	11.40	30	30

UNII-4 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
					Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
HT20	MCS0	2	169	5845	8.47	8.27	11.38	2.83		14.21		30	
HT20	MCS0	2	173	5865	8.37	8.27	11.33	2.83		14.16		30	
HT20	MCS0	2	177	5885	8.47	8.27	11.38	2.83		14.21		30	
HT40	MCS0	2	167	5835	8.37	8.27	11.33	2.83		14.16		30	
HT40	MCS0	2	175	5875	8.37	8.27	11.33	2.83		14.16		30	
VHT20	MCS0	2	169	5845	8.57	8.37	11.48	2.83		14.31		30	
VHT20	MCS0	2	173	5865	8.47	8.37	11.43	2.83		14.26		30	
VHT20	MCS0	2	177	5885	8.57	8.37	11.48	2.83		14.31		30	
VHT40	MCS0	2	167	5835	8.47	8.37	11.43	2.83		14.26		30	
VHT40	MCS0	2	175	5875	8.47	8.37	11.43	2.83		14.26		30	
VHT80	MCS0	2	171	5855	8.47	8.47	11.48	2.83		14.31		30	
VHT160	MCS0	2	163	5815	8.57	8.47	11.53	2.83		14.36		30	

TEST RESULTS DATA
Average Power Table

UNII-4 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
EHT20	MCS0	1	169	5845	Full	8.67	8.57		2.50	2.83	11.17	11.40	30	30
EHT20	MCS0	1	173	5865	Full	8.67	8.57		2.50	2.83	11.17	11.40	30	30
EHT20	MCS0	1	177	5885	Full	8.67	8.57		2.50	2.83	11.17	11.40	30	30
EHT40	MCS0	1	167	5835	Full	8.67	8.57		2.50	2.83	11.17	11.40	30	30
EHT40	MCS0	1	175	5875	Full	8.57	8.57		2.50	2.83	11.07	11.40	30	30
EHT80	MCS0	1	171	5855	Full	8.67	8.57		2.50	2.83	11.17	11.40	30	30
EHT160	MCS0	1	163	5815	Full	8.67	8.67		2.50	2.83	11.17	11.50	30	30

UNII-4 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
						Chain A	Chain B	SUM	Chain A	Chain B	Chain A	Chain B	Chain A	Chain B
EHT20	MCS0	2	169	5845	Full	8.67	8.47	11.58	2.83		14.41		30	
EHT20	MCS0	2	173	5865	Full	8.57	8.47	11.53	2.83		14.36		30	
EHT20	MCS0	2	177	5885	Full	8.67	8.47	11.58	2.83		14.41		30	
EHT40	MCS0	2	167	5835	Full	8.57	8.47	11.53	2.83		14.36		30	
EHT40	MCS0	2	175	5875	Full	8.57	8.47	11.53	2.83		14.36		30	
EHT80	MCS0	2	171	5855	Full	8.57	8.57	11.58	2.83		14.41		30	
EHT160	MCS0	2	163	5815	Full	8.67	8.57	11.63	2.83		14.46		30	



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Daniel Lee, Fu Chen, Troye Hsieh	Temperature :	19.1~21.9°C
		Relative Humidity :	50.1~66.9%

Note symbol

-L	Low channel location
-R	High channel location

B1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 24	U-NII-4	5.85-5.895	Chain A	802.11a	177	5885	6Mbps	-	-
Mode 25	U-NII-4	5.85-5.895	Chain B	802.11a	177	5885	6Mbps	-	-
Mode 26	U-NII-4	5.85-5.895	Chain A+B	802.11be EHT20	173	5865	MCS0	Full RU	-
Mode 27	U-NII-4	5.85-5.895	Chain A+B	802.11be EHT20	177	5885	MCS0	Full RU	-
Mode 28	U-NII-4	5.85-5.895	Chain A+B	802.11be EHT160	163	5815	MCS0	Full RU	-
Mode 29	U-NII-4	5.85-5.895	Chain A+B	802.11be EHT20	177	5885	MCS0	Full RU	SHF
Mode 30	U-NII-4	5.85-5.895	Chain A+B	802.11be EHT20	177	5885	MCS0	Full RU	LF

B2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
24	802.11a	177	5621.95	51.52	68.20	-16.68	V	Peak	Pass	-	Band Edge
	802.11a	177	11770.00	38.15	54.00	-15.85	H	Avg.	Pass	-	Harmonic
25	802.11a	177	5616.82	51.77	68.20	-16.43	V	Peak	Pass	-	Band Edge
	802.11a	177	11770.00	38.09	54.00	-15.91	H	Avg.	Pass	-	Harmonic
26	802.11be EHT20	173	-	-	-	-	-	-	-	Full RU	Band Edge
	802.11be EHT20	173	11730.00	38.29	54.00	-15.71	H	Avg.	Pass	Full RU	Harmonic
27	802.11be EHT20	177	5895.01	82.26	90.20	-7.94	V	Avg.	Pass	Full RU	Band Edge
	802.11be EHT20	177	-	-	-	-	-	-	-	Full RU	Harmonic
28	802.11be EHT160	163	5613.12	52.06	68.20	-16.14	V	Peak	Pass	Full RU	Band Edge
	802.11be EHT160	163	-	-	-	-	-	-	-	Full RU	Harmonic
29	802.11be EHT20	177	39484.33	45.10	54.00	-8.90	V	Avg.	Pass	-	SHF

**FCC RADIO TEST REPORT**

Report No. : FR612317-02F

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
30	802.11be EHT20	177	947.62	31.88	46.00	-14.12	H	Avg.	Pass	-	LF



Mode	24																																																																																																																																										
	Band Edge - L																																																																																																																																										
	U-NII-4_5.85-5.895_802.11a_CH177_5885MHz																																																																																																																																										
ANT	Chain A																																																																																																																																										
Pol.	Horizontal						Fundamental																																																																																																																																				
Peak	Level (dBuV/m) Date: 2026-08-09 Site : 03CH11-HY Condition: PEAK_BE(UNII 4) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5646.17</td><td>51.16</td><td>68.20</td><td>-17.04</td><td>40.36</td><td>32.98</td><td>10.41</td><td>32.59</td><td>0.00</td><td>300</td><td>109</td><td>Peak</td></tr><tr><td>2</td><td>5650.73</td><td>49.30</td><td>68.74</td><td>-19.44</td><td>38.47</td><td>33.01</td><td>10.41</td><td>32.59</td><td>0.00</td><td>300</td><td>109</td><td>Peak</td></tr><tr><td>3</td><td>5700.04</td><td>51.13</td><td>105.21</td><td>-54.08</td><td>39.09</td><td>33.40</td><td>10.45</td><td>32.61</td><td>0.00</td><td>300</td><td>109</td><td>Peak</td></tr><tr><td>4</td><td>5720.56</td><td>49.41</td><td>112.07</td><td>-62.66</td><td>38.08</td><td>33.48</td><td>10.47</td><td>32.62</td><td>0.00</td><td>300</td><td>109</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5646.17	51.16	68.20	-17.04	40.36	32.98	10.41	32.59	0.00	300	109	Peak	2	5650.73	49.30	68.74	-19.44	38.47	33.01	10.41	32.59	0.00	300	109	Peak	3	5700.04	51.13	105.21	-54.08	39.09	33.40	10.45	32.61	0.00	300	109	Peak	4	5720.56	49.41	112.07	-62.66	38.08	33.48	10.47	32.62	0.00	300	109	Peak	Level (dBuV/m) Date: 2026-08-09 Site : 03CH11-HY Condition: PEAK(UNII 4) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5885.00</td><td>97.78</td><td>-----</td><td>-----</td><td>85.62</td><td>34.06</td><td>10.79</td><td>32.69</td><td>0.00</td><td>300</td><td>109</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5885.00	97.78	-----	-----	85.62	34.06	10.79	32.69	0.00	300	109	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																			
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2	5650.73	49.30	68.74	-19.44	38.47	33.01	10.41	32.59	0.00	300	109	Peak																																																																																																																															
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4	5720.56	49.41	112.07	-62.66	38.08	33.48	10.47	32.62	0.00	300	109	Peak																																																																																																																															
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1	5885.00	97.78	-----	-----	85.62	34.06	10.79	32.69	0.00	300	109	Peak																																																																																																																															
Avg	Blank						Level (dBuV/m) Date: 2026-08-09 Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91200_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:0.510kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5885.00</td><td>90.73</td><td>-----</td><td>-----</td><td>78.57</td><td>34.06</td><td>10.79</td><td>32.69</td><td>0.00</td><td>300</td><td>109</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5885.00	90.73	-----	-----	78.57	34.06	10.79	32.69	0.00	300	109	Average																																																																																			
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1	5885.00	90.73	-----	-----	78.57	34.06	10.79	32.69	0.00	300	109	Average																																																																																																																															



Mode	24	
	Band Edge - R	
	U-NII-4_5.85-5.895_802.11a_CH177_5885MHz	
ANT	Chain A	
Pol.	Horizontal	Fundamental
Peak	Level (dBuV/m)	

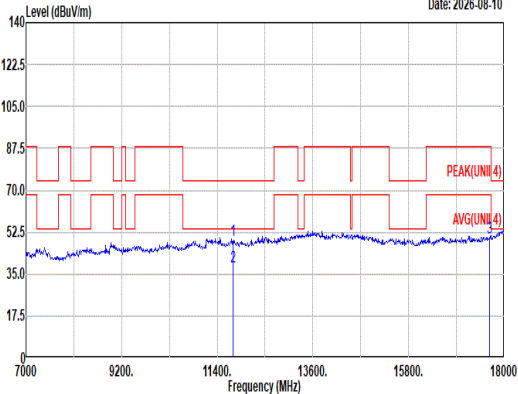
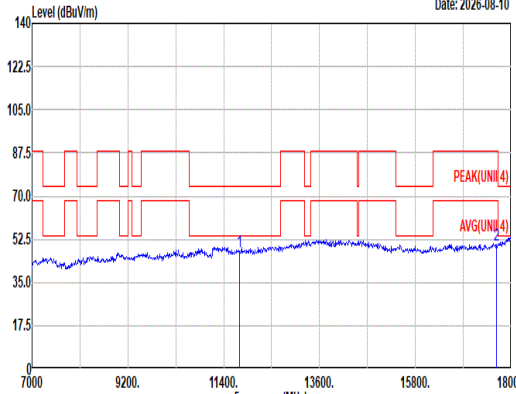


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Pol.	Vertical						Fundamental																																																																																																																																		
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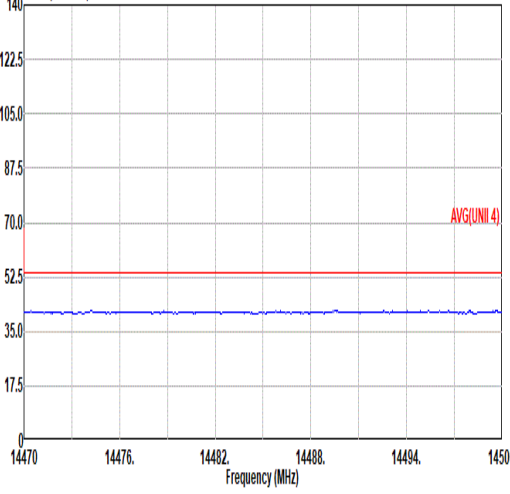
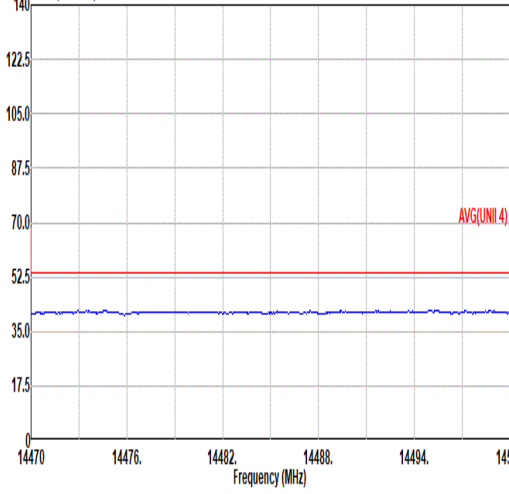
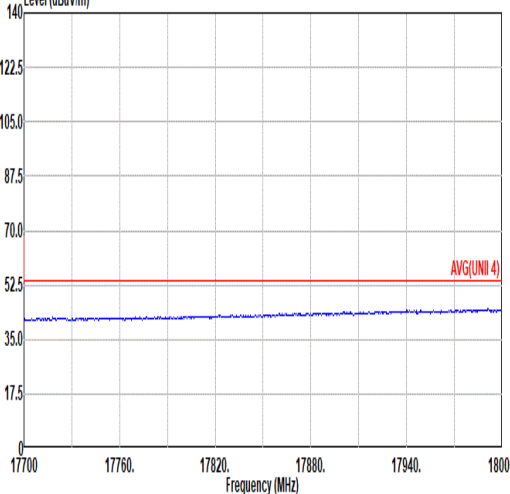
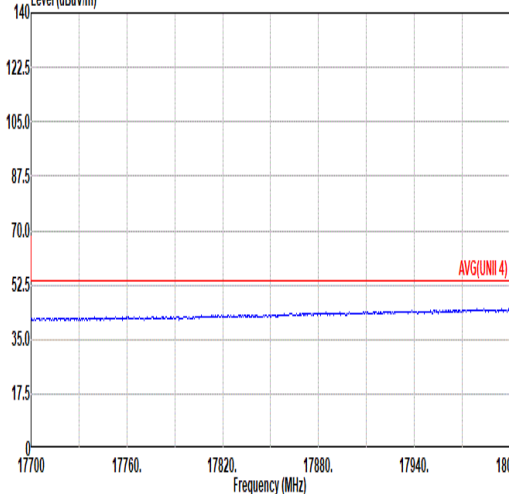


Mode	24											
	Band Edge - R											
	U-NII-4_5.85-5.895_802.11a_CH177_5885MHz											
ANT	Chain A											
Pol.	Vertical						Fundamental					
Peak	Level (dBuV/m) <											



Mode	24																																																																																
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	Harmonic	
	U-NII-4_5.85-5.895_802.11a_CH177_5885MHz	
ANT	Chain A	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 VERTICAL
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																		
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																		
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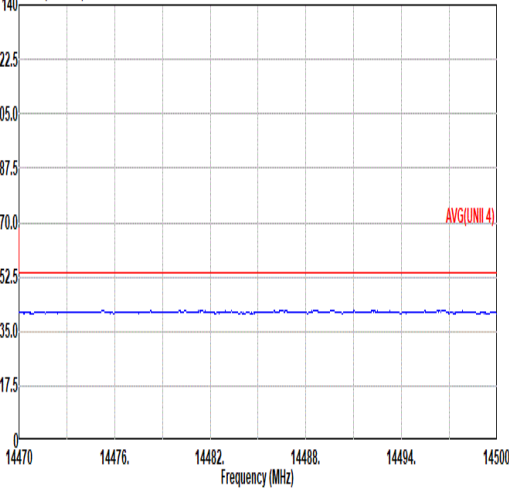
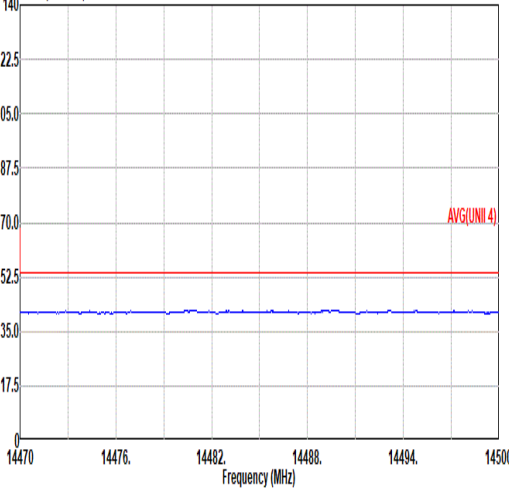
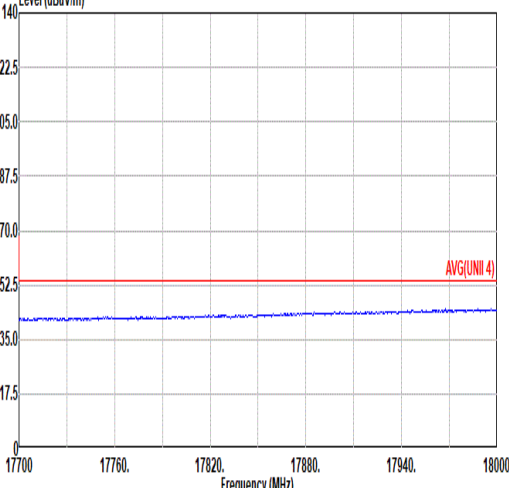
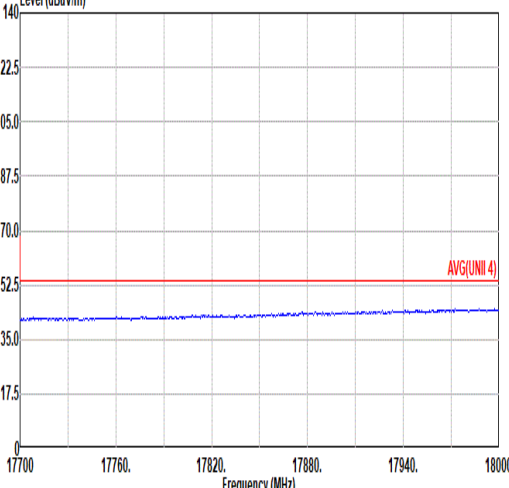


Mode	25																																																																																																																																								
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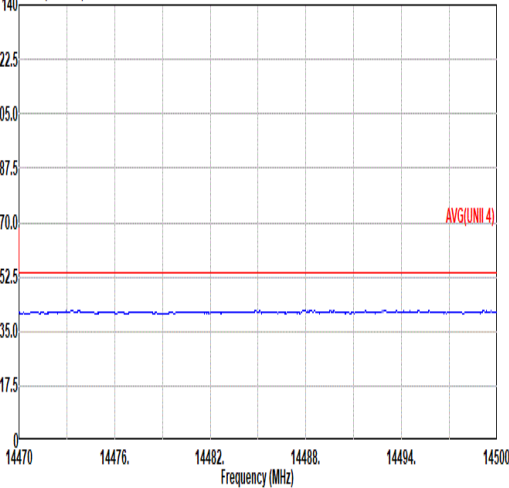
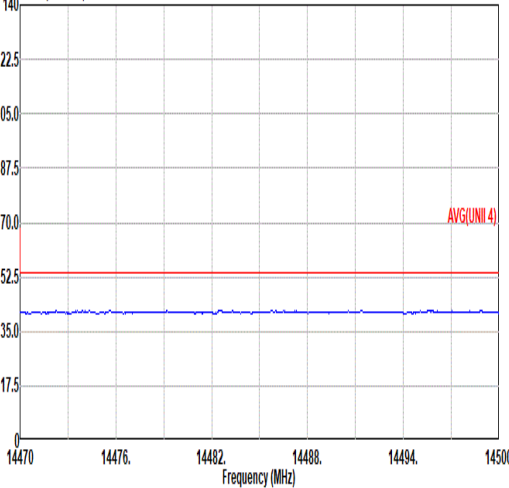
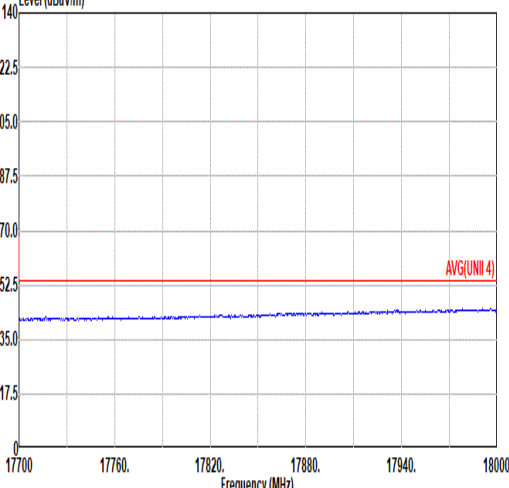
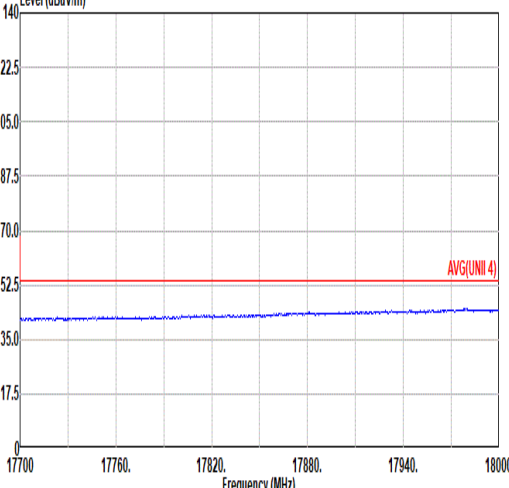


Mode	25	
	Harmonic	
	U-NII-4_5.85-5.895_802.11a_CH177_5885MHz	
ANT	Chain B	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 VERTICAL
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Mode	26																																																																																																																																				
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	U-NII-4_5.85-5.895_802.11be EHT20_CH173_Full RU_5865MHz																																																																																																																																				
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Peak Avg	Level (dBuV/m) Date: 2026-08-10 Site : 03CH11-HY Condition: PEAK(UNII 4) 3m 91200_01620_250915 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11730.00</td><td>48.65</td><td>74.00</td><td>-25.35</td><td>58.89</td><td>38.48</td><td>17.44</td><td>66.62</td><td>0.46</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>11730.00</td><td>38.29</td><td>54.00</td><td>-15.71</td><td>48.53</td><td>38.48</td><td>17.44</td><td>66.62</td><td>0.46</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>17595.00</td><td>50.19</td><td>88.20</td><td>-38.01</td><td>55.79</td><td>39.08</td><td>22.06</td><td>67.24</td><td>0.50</td><td>--</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	11730.00	48.65	74.00	-25.35	58.89	38.48	17.44	66.62	0.46	--	Peak	2	11730.00	38.29	54.00	-15.71	48.53	38.48	17.44	66.62	0.46	--	Average	3	17595.00	50.19	88.20	-38.01	55.79	39.08	22.06	67.24	0.50	--	Peak	Level (dBuV/m) Date: 2026-08-10 Site : 03CH11-HY Condition: PEAK(UNII 4) 3m 91200_01620_250915 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>11730.00</td><td>47.99</td><td>74.00</td><td>-26.01</td><td>58.23</td><td>38.48</td><td>17.44</td><td>66.62</td><td>0.46</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>17595.00</td><td>50.83</td><td>88.20</td><td>-37.37</td><td>56.43</td><td>39.08</td><td>22.06</td><td>67.24</td><td>0.50</td><td>--</td><td>Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	11730.00	47.99	74.00	-26.01	58.23	38.48	17.44	66.62	0.46	--	Peak	2	17595.00	50.83	88.20	-37.37	56.43	39.08	22.06	67.24	0.50	--	Peak
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Mode	26	
	Harmonic	
	U-NII-4_5.85-5.895_802.11be EHT20_CH173_Full RU_5865MHz	
ANT	Chain A+B	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 VERTICAL
	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 HORIZONTAL	Level (dBuV/m) Date: 2026-08-10  Site : 03CH11-HY Condition: AVG(UNII 4) 3m 91280_01620_250915 VERTICAL



Mode	27																																																																																																																							
	Band Edge - L																																																																																																																							
	U-NII-4_5.85-5.895_802.11be EHT20_CH177_Full RU_5885MHz																																																																																																																							
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Mode	27																																																																			
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	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																							
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Mode	27	
	Band Edge - R	
	U-NII-4_5.85-5.895_802.11be EHT20_CH177_Full RU_5885MHz	
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Pol.	Vertical	Fundamental
Peak		



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Mode	28																																																																	
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Mode	29																																																																																																																									
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Pol.	Horizontal						Vertical																																																																																																																			
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Mode	30											
	LF											
	U-NII-4_5.85-5.895_802.11be EHT20_CH177_Full RU_5885MHz											
ANT	Chain A+B											
Pol.	Horizontal						Vertical					
QP/ Peak	</											



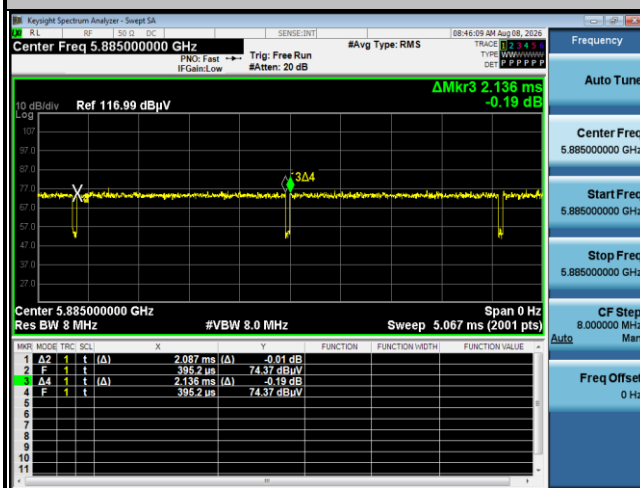
Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
Chain A	5GHz UNII-4_802.11a	97.71	2087	0.48	0.51KHz
Chain B	5GHz UNII-4_802.11a	97.71	2087	0.48	0.51KHz
Chain A+B	5GHz UNII-4_802.11be EHT20 Full RU	98.76	-	-	10Hz
Chain A+B	5GHz UNII-4_802.11be EHT160 Full RU	98.76	-	-	10Hz

<Chain A>

<Chain B>

5GHz UNII-4_802.11a

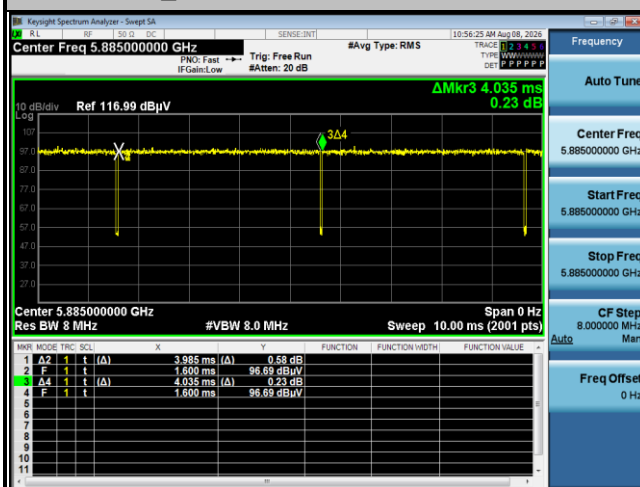


5GHz UNII-4_802.11a



MIMO <Chain A+B>

5GHz UNII-4_802.11be EHT20 Full RU



5GHz UNII-4_802.11be EHT160 Full RU

