



FCC RADIO TEST REPORT

FCC ID : UZ7ZEC500
Equipment : Enterprise Computer
Brand Name : Zebra
Model Name : ZEC500
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Apr. 25, 2025 and testing was performed from Apr. 30, 2025 to Jun. 17, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this 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

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History of this test report

Report No.	Version	Description	Issue Date
FR522804F	01	Initial issue of report	Jun. 20, 2025

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	1.40 dB under the limit at 5651.80 MHz
3.5	15.207	AC Conducted Emission	Pass	7.24 dB under the limit at 13.16 MHz
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/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Yun Huang

Report Producer: Josie Hsu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Enterprise Computer
Brand Name	Zebra
Model Name	ZEC500
FCC ID	UZ7ZEC500
Sample 1	Premium SKU with FAN, with POE
Sample 2	Premium SKU w/o FAN, with POE
Sample 3	Value SKU with FAN, w/o POE
Sample 4	Value SKU w/o FAN, w/o POE
EUT supports Radios application	NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE
HW Version	EV1
SW Version	14-28-18.00-UG-U00-PRD-ATH-04
OS Version	Android 14
MFD	11APR25
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer.

Specification of Accessories				
Adapter	Brand Name	ZEBRA	Model Name	PWR-BGA24V78W4WW
Power Cable	Brand Name	ZEBRA	Model Name	23844-00-00R

Supported Unit Used in Test Configuration and System				
Earphone 1	Brand Name	ZEBRA	Model Name	HDST-USBC-PTT1-01
USB C to C cable	Brand Name	ZEBRA	Part Number	CBL-ECX-USBC3A-01
USB A to C cable	Brand Name	ZEBRA	Part Number	CBL-TC5X-USBC2A-01
Scanner_USB cable 1 (RJ50 to USB-A)	Brand Name	ZEBRA	Part Number	CBA-UF0-S07PAR
Scanner_USB cable 2 (RJ50 to USB-A)	Brand Name	ZEBRA	Part Number	CBA-U42-S07PAR
Printer	Brand Name	ZEBRA	Model Name	ZD230t
2nd display	Brand Name	ZEBRA	Model Name	TD50-15F00
Scanner	Brand Name	ZEBRA	Part Number	DS3678
POE	Brand Name	ZEBRA	Part Number	POE90U-BTAX460-R
USB Cable for printer	Brand Name	ZEBRA	Part Number	300283-002
Adapter 2	Brand Name	ZEBRA	Model Name	PWR-BGA12V50W0WW
Cradle	Brand Name	ZEBRA	Part Number	STB3678

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard			
Tx/Rx Frequency Range	5745 MHz ~ 5825 MHz		
Maximum Output Power to Antenna	MIMO <Ant. 1+2> 802.11a: 22.27 dBm / 0.1687 W 802.11n HT20: 22.07 dBm / 0.1611 W 802.11n HT40: 21.53 dBm / 0.1422 W 802.11ac VHT20: 21.97 dBm / 0.1574 W 802.11ac VHT40: 21.43 dBm / 0.1390 W 802.11ac VHT80: 21.67 dBm / 0.1469 W 802.11ax HE20: 22.17 dBm / 0.1648 W 802.11ax HE40: 21.63 dBm / 0.1455 W 802.11ax HE80: 21.77 dBm / 0.1503 W		
99% Occupied Bandwidth	<Ant. 1> 802.11a: 16.47 MHz 802.11n HT20: 17.61 MHz 802.11n HT40: 36.27 MHz 802.11ac VHT80: 75.44 MHz 802.11ax HE20: 18.95 MHz 802.11ax HE40: 37.94 MHz 802.11ax HE80: 77.23 MHz <Ant. 2> 802.11a: 16.44 MHz 802.11n HT20: 17.59 MHz 802.11n HT40: 36.27 MHz 802.11ac VHT80: 75.48 MHz 802.11ax HE20: 18.95 MHz 802.11ax HE40: 37.91 MHz 802.11ax HE80: 77.22 MHz		
Antenna Type / Gain	<Ant. 1> : PIFA Antenna with gain 4.1 dBi <Ant. 2> : Dipole Antenna with gain 3.88 dBi		
Type of Modulation	802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)		
Antenna Function Description		Ant. 1	Ant. 2
	802.11a/n/ac/ax MIMO	V	V
	802.11ax TXBF	V	V

Remark:

1. MIMO Ant. 1+2 Directional Gain is a calculated result from MIMO Ant. 1 and MIMO Ant. 2. The formula used in calculation is documented in section 1.2.1.
2. Power of MIMO Ant. 1 + Ant. 2 is a calculated result from sum of the power MIMO Ant. 1 and MIMO Ant. 2.
3. 802.11ax Support Tx Beamforming mode, and the manufacturer declares that Tx Beamforming power/EIRP is less than CDD mode 3dbm, so CDD mode cover Tx Beamforming mode.
4. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2.1 Antenna Directional Gain

<For CDD Mode>

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.

			DG for	DG for	Power Limit	PSD Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band IV	4.10	3.88	4.10	7.00	0.00	1.00

Calculation example:

If a device has two antenna, $G_{ANT1}=4.1$ dBi; $G_{ANT2}=3.88$ dBi

Directional gain of power measurement = $\max(4.1, 3.88) + 0 = 4.1$ dBi

Directional gain of PSD derived from formula which is

$10 \times \log \{ \{ [10^{(4.1 \text{ dBi} / 20)} + 10^{(3.88 \text{ dBi} / 20)}]^2 / 2 \}$

$= 7.00$ dBi

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

<TXBF Modes>

The EUT supports beamforming modes , then

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

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

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.

The directional gain “DG” is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 1	Ant 2	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band IV	4.10	3.88	7.00	7.00	1.00	1.00

Calculation example:

Directional gain is derived from formula which is

$$10 \times \log \{ \{ [10^{\wedge} (4.1 \text{ dBi} / 20) + 10^{\wedge} (3.88 \text{ dBi} / 20)]^{\wedge} 2 \} / 2 \}$$

$$= 7.00 \text{ dBi}$$

$$\text{Power and PSD limit reduction} = \text{Composite gain} - 6\text{dBi, (min = 0)}$$

1.3 Modification of EUT

No modifications made to the EUT during the testing.



1.4 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, CO07-HY, 03CH15-HY

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

FCC designation No.: TW3786

1.5 Applicable Standards

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

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
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 or POE), 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 and 802.11ax HE40.
2. The above Frequency and Channel with "[#]" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2022.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11ac VHT20 and 802.11ac VHT40 mode is smaller than 802.11n mode, so all other conducted and radiated test is covered by 802.11n mode.

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

MIMO Mode

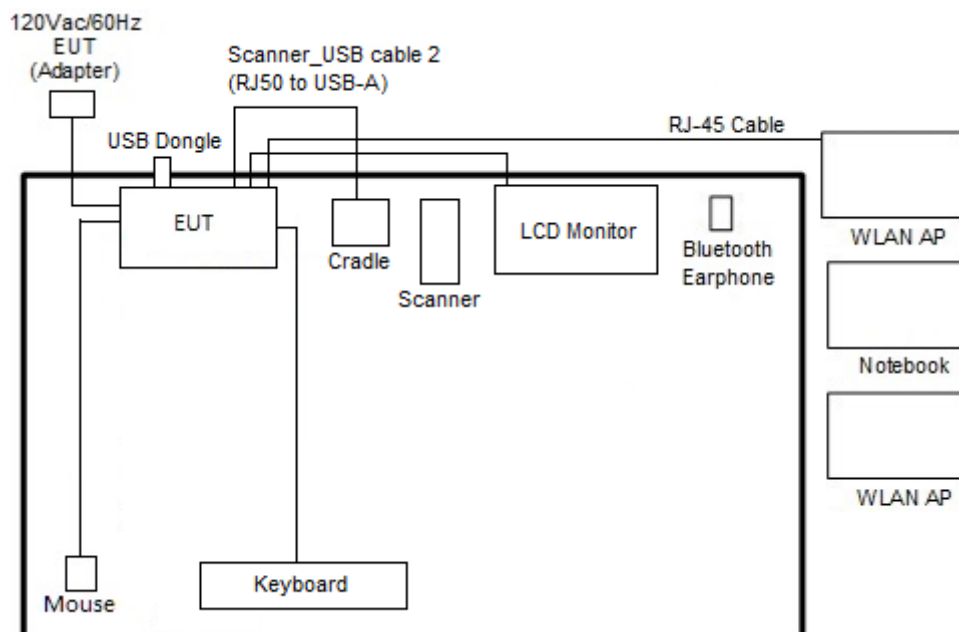
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

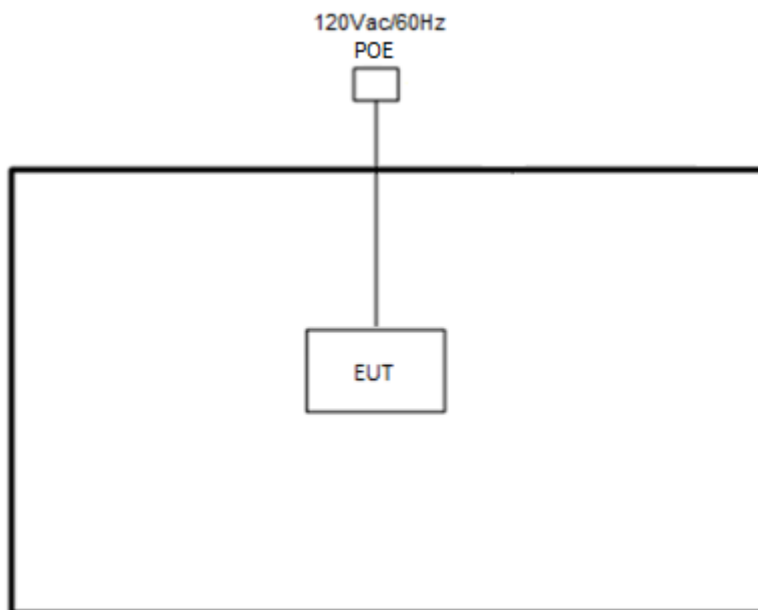
Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Scan Bar Code + HDMI Display with Monitor + USB-C Data link with USB Dongle (SD Card to Dongle) + USB-A (1) with Cradle (Scanner) + USB-A (2) with Mouse + USB-A (3) with Keyboard + LAN link with WLAN AP and Notebook + Adapter 1 for Sample 1
Remark: 1. Data Link with USB Dongle means data application transferred mode between EUT and USB Dongle. 2. For Radiated Test Cases, the tests were performed with Sample 1 3. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. 4. The detailed Radiated test modes are shown in Appendix C.	

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	Netgear	RAXE500	PY320300508	N/A	Unshielded, 1.8 m
3.	WLAN AP	ASUS	RT-AC52	MSQ-RTAC4A00	N/A	Unshielded, 1.8 m
4.	Notebook	Dell	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
5.	Keyboard	ACER	PR1101U	FCC DoC	Shielded, 1.55m	N/A
6.	Mouse	Lenovo	MOC9ULA	FCC DoC	Shielded, 1.7m	N/A
7.	LCD MONITOR	Dell	U2410	FCC DoC	Shielded, 1.6m	Unshielded, 1.8m
8.	USB Dongle	SanDisk	jetflesh	FCC DoC	N/A	N/A
9.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A



2.5 EUT Operation Test Setup

The RF test items, utility "QRCT.Version 4.0.211.0" 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 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.

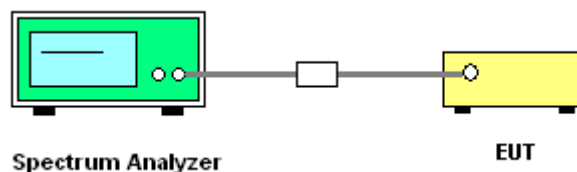
3.1.2 Measuring Instruments

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 $\geq 3 \times$ 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.

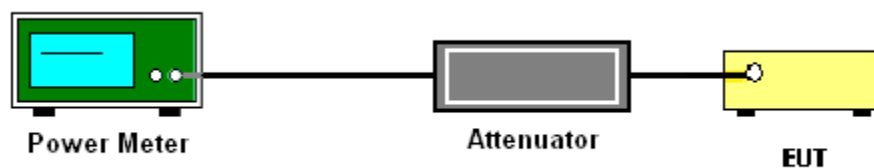
3.2.3 Test Procedures

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.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

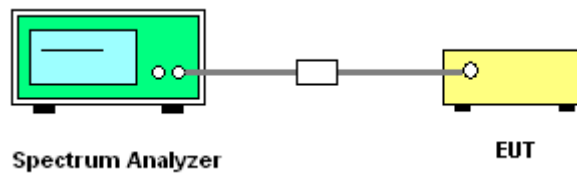
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 300kHz.
 - Set VBW $\geq$ 1 MHz.
 - Add $10 \log(500 \text{ kHz/RBW})$ to the measured result, whereas RBW ($<500 \text{ kHz}$) is the reduced resolution bandwidth of the spectrum analyzer set during measurement
 - Number of points in sweep $\geq 2 \text{ Span / RBW}$.
 - 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 $10 \log(1/0.25) = 6 \text{ dB}$ 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. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (c): Measure and add $10 \log(N_{\text{ANT}})$ dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{\text{ANT}}^{\text{th}}$ of the PSD limit.

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.

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

- (3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.



3.4.2 Measuring Instruments

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

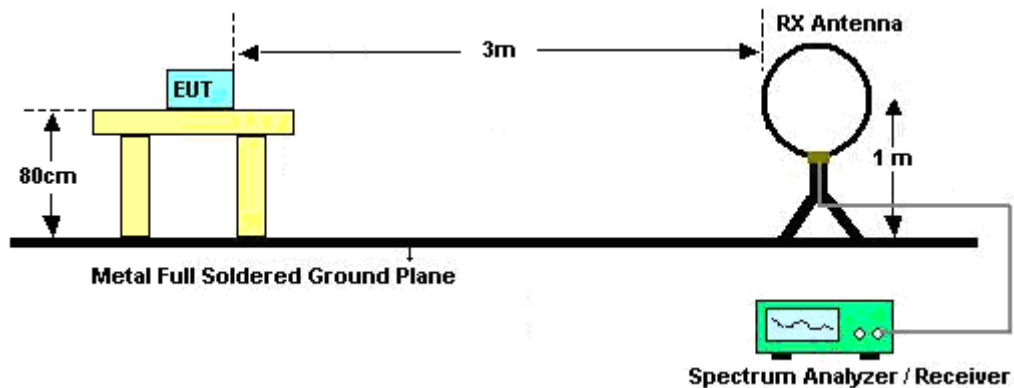
3.4.3 Test Procedures

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 $\geq$ 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.
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.

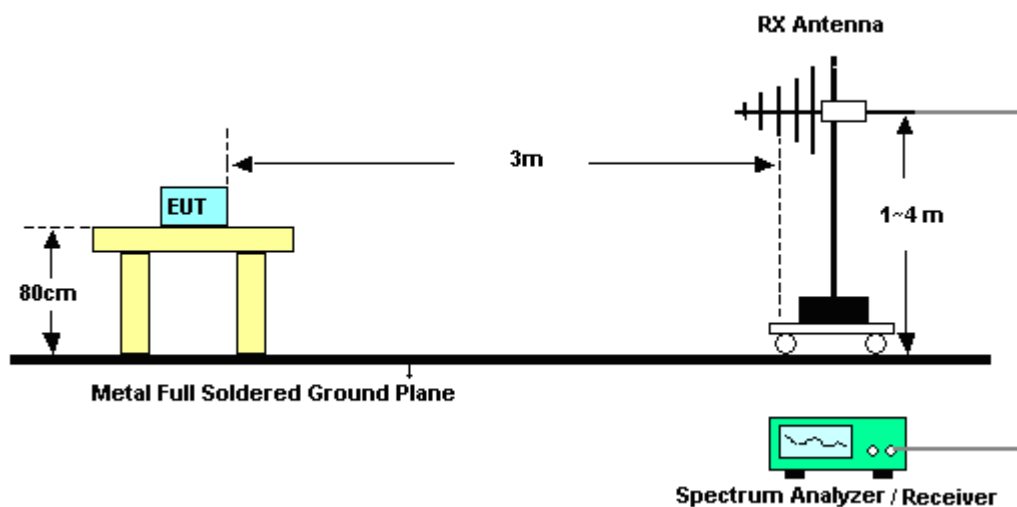
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit 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

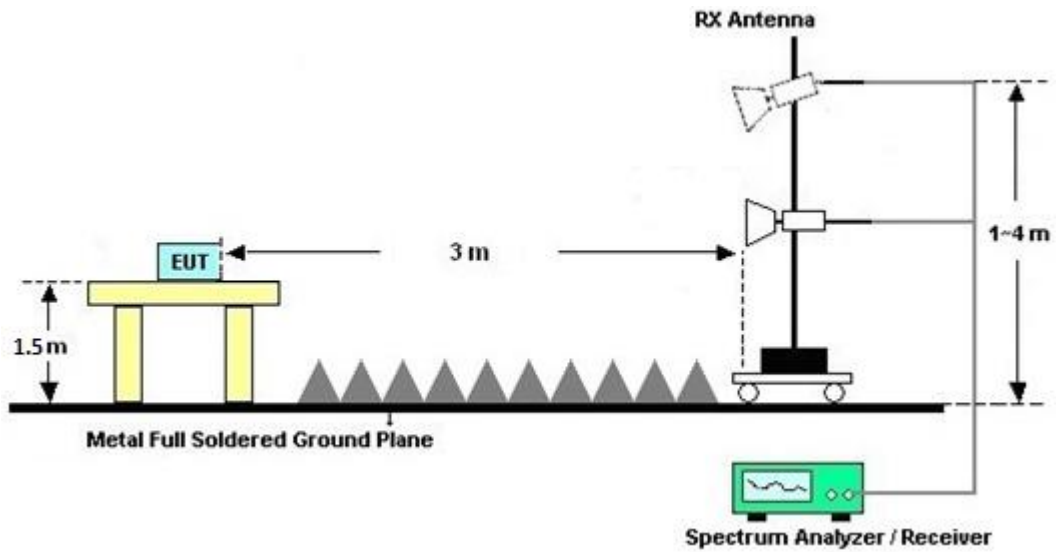
For radiated emissions below 30MHz



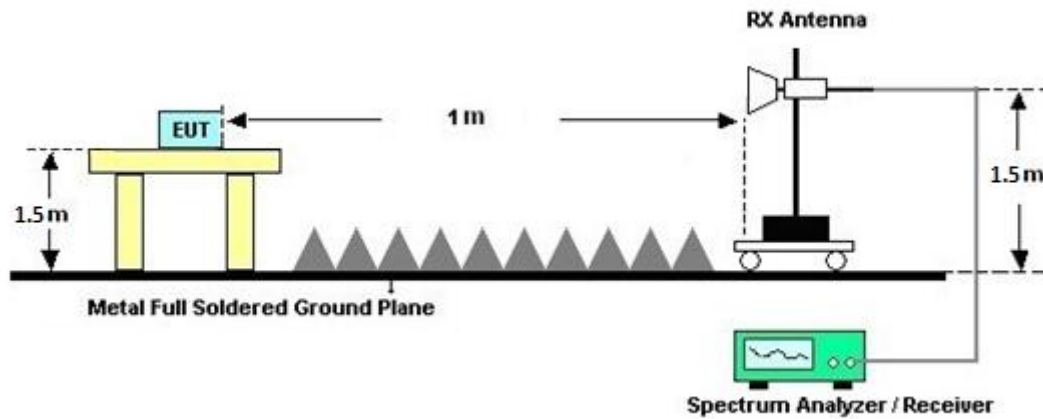
For radiated emissions from 30MHz to 1GHz



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 and D.

3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

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 (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

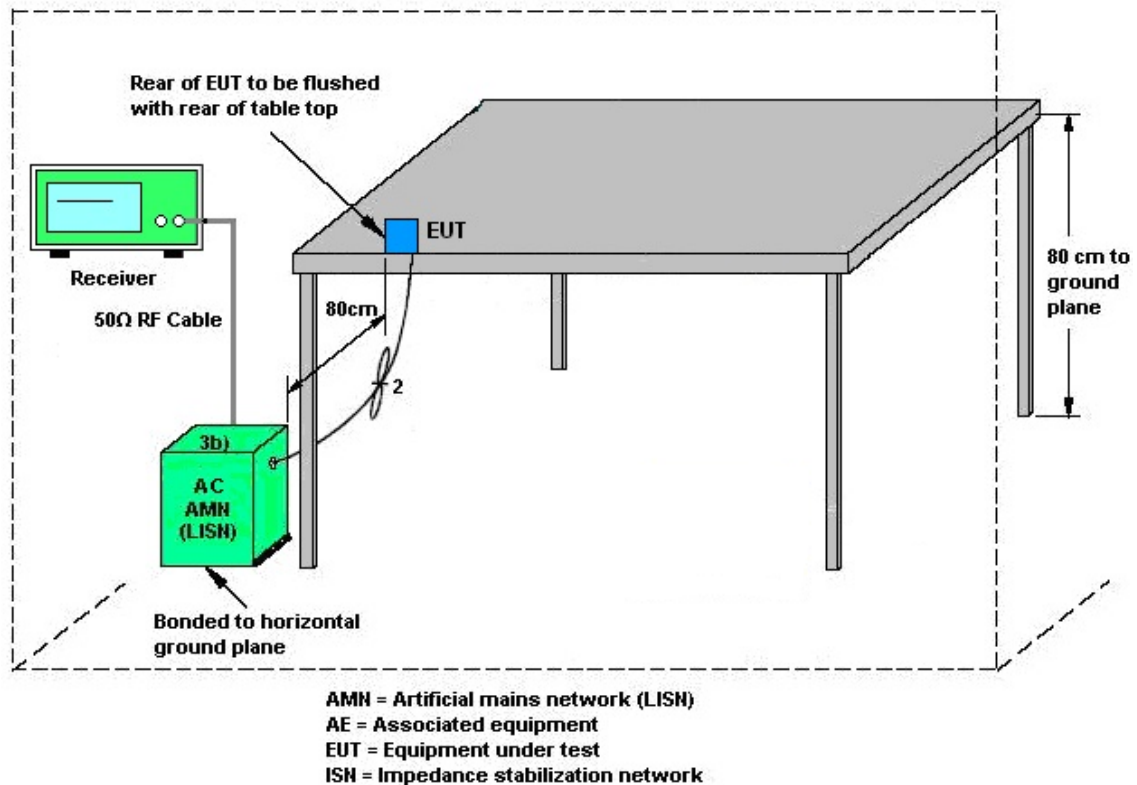
3.5.2 Measuring Instruments

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



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

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	May 22, 2025~ Jun. 12, 2025	Aug. 28, 2025	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N- 06	37059 & 01	30MHz~1GHz	Nov. 27, 2024	May 22, 2025~ Jun. 12, 2025	Nov. 26, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 20, 2024	May 22, 2025~ Jun. 12, 2025	Jun. 19, 2025	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1212	1GHz~18GHz	Mar. 27, 2025	Jun. 02, 2025~ Jun. 12, 2025	Mar. 26, 2026	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	May 22, 2025~ Jun. 12, 2025	Jun. 23, 2025	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 13, 2025	May 22, 2025~ Jun. 12, 2025	Feb. 12, 2026	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 14, 2025	May 22, 2025~ Jun. 12, 2025	Feb. 13, 2026	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	May 22, 2025~ May 25, 2025	May 26, 2025	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 26, 2025	May 26, 2025~ Jun. 12, 2025	May 25, 2026	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 11, 2024	May 22, 2025~ Jun. 12, 2025	Jul. 10, 2025	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	May 22, 2025~ Jun. 12, 2025	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	May 22, 2025~ Jun. 12, 2025	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	May 22, 2025~ Jun. 12, 2025	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4,5 19228/2,80395 0/2	N/A	Jun. 11, 2024	May 22, 2025~ Jun. 02, 2025	Jun. 10, 2025	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4,5 19228/2,80395 0/2	N/A	Jun. 03, 2025	Jun. 03, 2025~ Jun. 12, 2025	Jun. 02, 2026	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	18-40G	Dec. 31, 2024	May 22, 2025~ Jun. 12, 2025	Dec. 30, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5- 6750-18000-40 ST	SN6	6.75GHz High Pass Filter	Jun. 05, 2024	May 22, 2025~ Jun. 02, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX8-5872.5- 6750-18000-40 ST	SN6	6.75GHz High Pass Filter	Jun. 03, 2025	Jun. 03, 2025~ Jun. 12, 2025	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700- 3000-18000-60 ST	SN4	3GHz High Pass Filter	Jun. 05, 2024	May 22, 2025~ Jun. 02, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	Wainwright	WHKX12-2700- 3000-18000-60 ST	SN4	3GHz High Pass Filter	Jun. 03, 2025	Jun. 03, 2025~ Jun. 12, 2025	Jun. 02, 2026	Radiation (03CH15-HY)
Filter	wright	WLJ4-1000-153 0-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 05, 2024	May 22, 2025~ Jun. 02, 2025	Jun. 04, 2025	Radiation (03CH15-HY)
Filter	wright	WLJ4-1000-153 0-6000-40ST	SN4	1.53GHz Low Pass Filter	Jun. 03, 2025	Jun. 03, 2025~ Jun. 12, 2025	Jun. 02, 2026	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN4	N/A	Aug. 29, 2024	May 22, 2025~ Jun. 12, 2025	Aug. 28, 2025	Radiation (03CH15-HY)

**FCC RADIO TEST REPORT****Report No. : FR522804F**

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Apr. 30, 2025~ May 27, 2025	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	13I00030SNO 31 (NO:182)	9kHz~6GHz	Jan. 09, 2025	Apr. 30, 2025~ May 27, 2025	Jan. 08, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101467	10HZ~44GHZ	Jan. 14, 2025	Apr. 30, 2025~ May 27, 2025	Jan. 13, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Apr. 30, 2025~ May 27, 2025	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_240513	N/A	Conducted Other Test Item	N/A	Apr. 30, 2025~ May 27, 2025	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jun. 17, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jun. 17, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	Jun. 17, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Jun. 17, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Jun. 17, 2025	Mar. 23, 2026	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 26, 2025	Jun. 17, 2025	Mar. 25, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Jun. 17, 2025	Sep. 22, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 13, 2025	Jun. 17, 2025	Feb. 12, 2026	Conduction (CO07-HY)



5 Measurement Uncertainty

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.4 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.4 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2025/4/30~05/27	Relative Humidity:	51~54	%

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

U-NII-3 MIMO												
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	149	5745	16.47	16.42	19.41	19.34	16.32	16.36	0.5	Pass
11a	6Mbps	2	157	5785	16.46	16.43	19.62	19.61	16.32	16.34	0.5	Pass
11a	6Mbps	2	165	5825	16.47	16.44	19.46	19.38	16.32	16.34	0.5	Pass
HT20	MCS0	2	149	5745	17.61	17.58	20.90	20.54	17.56	17.30	0.5	Pass
HT20	MCS0	2	157	5785	17.60	17.58	20.40	20.75	17.54	17.56	0.5	Pass
HT20	MCS0	2	165	5825	17.59	17.59	20.98	20.65	17.54	17.52	0.5	Pass
HT40	MCS0	2	151	5755	36.27	36.27	41.07	40.83	36.29	36.05	0.5	Pass
HT40	MCS0	2	159	5795	36.24	36.26	40.74	40.70	35.69	36.29	0.5	Pass
VHT80	MCS0	2	155	5775	75.44	75.48	82.88	82.34	75.38	75.42	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	149	5745	19.20	18.30	21.78	30.00		4.10		Pass
11a	6Mbps	2	157	5785	19.20	18.30	21.78	30.00		4.10		Pass
11a	6Mbps	2	165	5825	19.50	19.00	22.27	30.00		4.10		Pass
HT20	MCS0	2	149	5745	19.00	18.20	21.63	30.00		4.10		Pass
HT20	MCS0	2	157	5785	19.00	18.20	21.63	30.00		4.10		Pass
HT20	MCS0	2	165	5825	19.30	18.80	22.07	30.00		4.10		Pass
HT40	MCS0	2	151	5755	18.90	18.10	21.53	30.00		4.10		Pass
HT40	MCS0	2	159	5795	18.90	18.10	21.53	30.00		4.10		Pass
VHT20	MCS0	2	149	5745	18.90	18.10	21.53	30.00		4.10		Pass
VHT20	MCS0	2	157	5785	18.90	18.10	21.53	30.00		4.10		Pass
VHT20	MCS0	2	165	5825	19.20	18.70	21.97	30.00		4.10		Pass
VHT40	MCS0	2	151	5755	18.80	18.00	21.43	30.00		4.10		Pass
VHT40	MCS0	2	159	5795	18.80	18.00	21.43	30.00		4.10		Pass
VHT80	MCS0	2	155	5775	19.00	18.30	21.67	30.00		4.10		Pass

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO														
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 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	149	5745	0.67	0.67	4.02	2.74	7.03	29.00		7.00		Pass
11a	6Mbps	2	157	5785	0.67	0.67	4.24	3.26	7.25	29.00		7.00		Pass
11a	6Mbps	2	165	5825	0.67	0.67	4.51	3.92	7.52	29.00		7.00		Pass
HT20	MCS0	2	149	5745	0.65	0.65	4.04	2.85	7.05	29.00		7.00		Pass
HT20	MCS0	2	157	5785	0.65	0.65	3.77	2.75	6.78	29.00		7.00		Pass
HT20	MCS0	2	165	5825	0.65	0.65	3.78	3.45	6.79	29.00		7.00		Pass
HT40	MCS0	2	151	5755	0.66	0.66	1.31	0.05	4.32	29.00		7.00		Pass
HT40	MCS0	2	159	5795	0.66	0.66	1.07	0.15	4.08	29.00		7.00		Pass
VHT80	MCS0	2	155	5775	0.67	0.67	-2.01	-3.15	1.00	29.00		7.00		Pass

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

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

U-NII-3 MIMO													
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	2	149	5745	Full	18.95	18.93	22.16	21.30	18.90	18.83	0.5	Pass
HE20	MCS0	2	157	5785	Full	18.93	18.94	21.39	21.57	18.58	18.91	0.5	Pass
HE20	MCS0	2	165	5825	Full	18.93	18.95	20.96	22.15	18.79	18.84	0.5	Pass
HE40	MCS0	2	151	5755	Full	37.94	37.91	41.62	41.65	37.40	36.83	0.5	Pass
HE40	MCS0	2	159	5795	242/62	37.90	37.91	41.49	41.47	37.88	37.80	0.5	Pass
HE80	MCS0	2	155	5775	Full	77.23	77.22	82.82	82.69	77.41	77.52	0.5	Pass

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	149	5745	Full	19.10	18.30	21.73	30.00		4.10		Pass
HE20	MCS0	2	149	5745	26/0	9.80	9.00	12.43	30.00		4.10		Pass
HE20	MCS0	2	149	5745	52/37	12.80	12.20	15.52	30.00		4.10		Pass
HE20	MCS0	2	149	5745	106/53	16.00	15.30	18.67	30.00		4.10		Pass
HE20	MCS0	2	157	5785	Full	19.10	18.30	21.73	30.00		4.10		Pass
HE20	MCS0	2	157	5785	26/4	9.50	9.10	12.31	30.00		4.10		Pass
HE20	MCS0	2	157	5785	52/38	12.30	11.70	15.02	30.00		4.10		Pass
HE20	MCS0	2	157	5785	106/53	15.00	14.80	17.91	30.00		4.10		Pass
HE20	MCS0	2	165	5825	Full	19.40	18.90	22.17	30.00		4.10		Pass
HE20	MCS0	2	165	5825	26/8	9.40	9.60	12.51	30.00		4.10		Pass
HE20	MCS0	2	165	5825	52/40	12.60	12.50	15.56	30.00		4.10		Pass
HE20	MCS0	2	165	5825	106/54	15.60	16.00	18.81	30.00		4.10		Pass
HE40	MCS0	2	151	5755	Full	19.00	18.20	21.63	30.00		4.10		Pass
HE40	MCS0	2	151	5755	242/61	16.40	15.60	19.03	30.00		4.10		Pass
HE40	MCS0	2	159	5795	Full	19.00	18.20	21.63	30.00		4.10		Pass
HE40	MCS0	2	159	5795	242/62	16.40	15.60	19.03	30.00		4.10		Pass
HE80	MCS0	2	155	5775	Full	19.10	18.40	21.77	30.00		4.10		Pass
HE80	MCS0	2	155	5775	484/65	16.20	15.80	19.01	30.00		4.10		Pass
HE80	MCS0	2	155	5775	484/66	16.10	15.70	18.91	30.00		4.10		Pass

TEST RESULTS DATA
Power Spectral Density

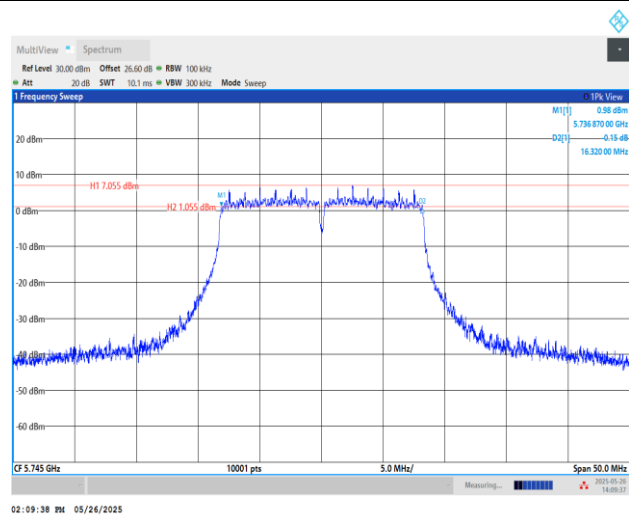
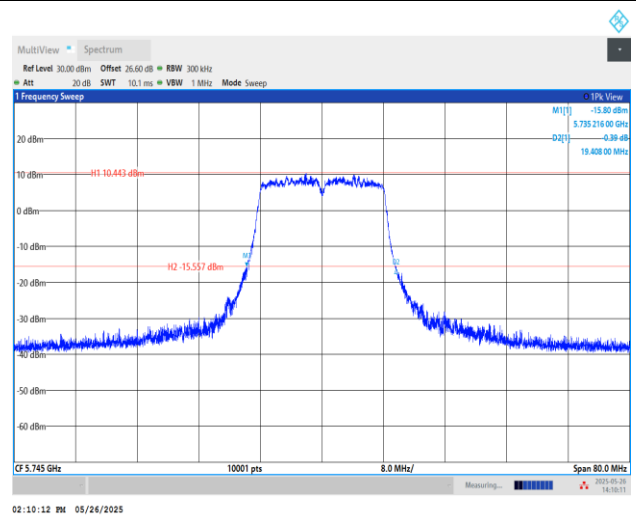
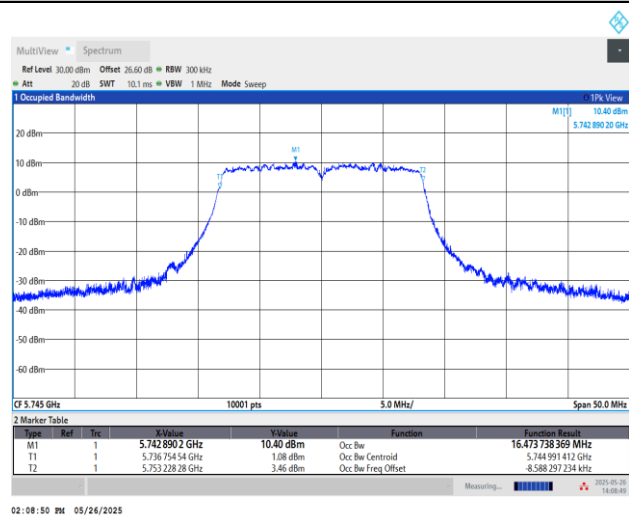
U-NII-3 MIMO															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	RU Config	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
HE20	MCS0	2	149	5745	Full	0.66	0.66	3.92	2.72	6.93	29.00		7.00		Pass
HE20	MCS0	2	149	5745	26/0	0.63	0.63	3.91	2.68	6.92	29.00		7.00		Pass
HE20	MCS0	2	149	5745	52/37	0.64	0.64	3.87	2.39	6.88	29.00		7.00		Pass
HE20	MCS0	2	149	5745	106/53	0.67	0.67	3.84	2.65	6.85	29.00		7.00		Pass
HE20	MCS0	2	157	5785	Full	0.66	0.66	3.76	2.48	6.77	29.00		7.00		Pass
HE20	MCS0	2	157	5785	26/4	0.63	0.63	3.74	2.43	6.75	29.00		7.00		Pass
HE20	MCS0	2	157	5785	52/38	0.64	0.64	3.68	2.36	6.69	29.00		7.00		Pass
HE20	MCS0	2	157	5785	106/53	0.67	0.67	3.59	2.32	6.60	29.00		7.00		Pass
HE20	MCS0	2	165	5825	Full	0.66	0.66	3.57	3.37	6.58	29.00		7.00		Pass
HE20	MCS0	2	165	5825	26/8	0.63	0.63	3.45	3.08	6.46	29.00		7.00		Pass
HE20	MCS0	2	165	5825	52/40	0.64	0.64	3.37	3.33	6.38	29.00		7.00		Pass
HE20	MCS0	2	165	5825	106/54	0.67	0.67	3.30	2.90	6.31	29.00		7.00		Pass
HE40	MCS0	2	151	5755	Full	0.67	0.67	1.03	-0.26	4.04	29.00		7.00		Pass
HE40	MCS0	2	151	5755	242/61	0.66	0.66	0.72	-0.36	3.73	29.00		7.00		Pass
HE40	MCS0	2	159	5795	Full	0.67	0.67	0.84	0.04	3.85	29.00		7.00		Pass
HE40	MCS0	2	159	5795	242/62	0.66	0.66	0.55	-0.08	3.56	29.00		7.00		Pass
HE80	MCS0	2	155	5775	Full	0.66	0.66	-2.13	-3.19	0.88	29.00		7.00		Pass
HE80	MCS0	2	155	5775	484/65	0.66	0.66	-2.32	-3.28	0.69	29.00		7.00		Pass
HE80	MCS0	2	155	5775	484/66	0.66	0.66	-2.39	-3.26	0.62	29.00		7.00		Pass

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

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

MIMO <Ant. 1+2>

<802.11a>

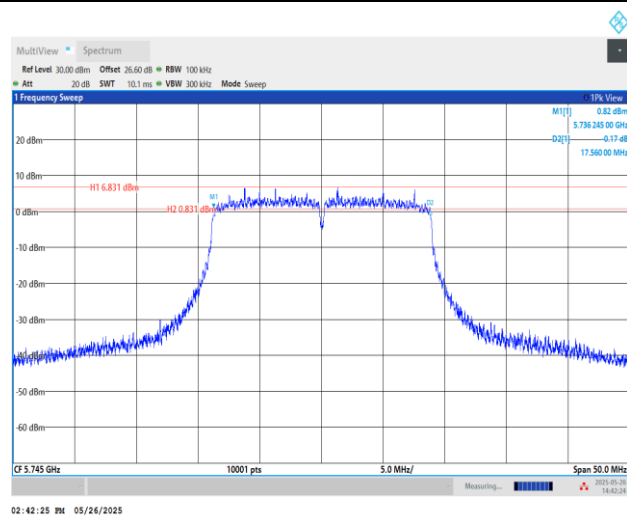
6dB Bandwidth**26dB Bandwidth****99% Occupied Bandwidth**

N/A

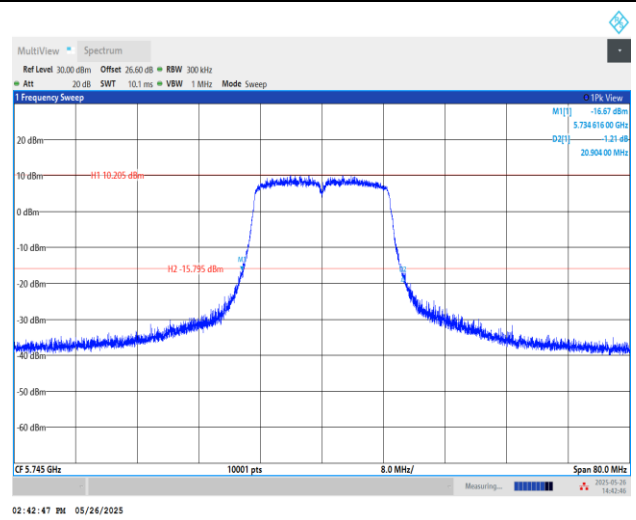


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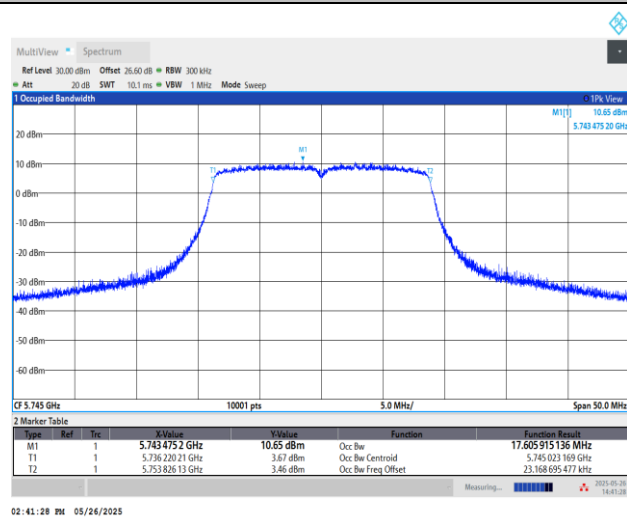
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

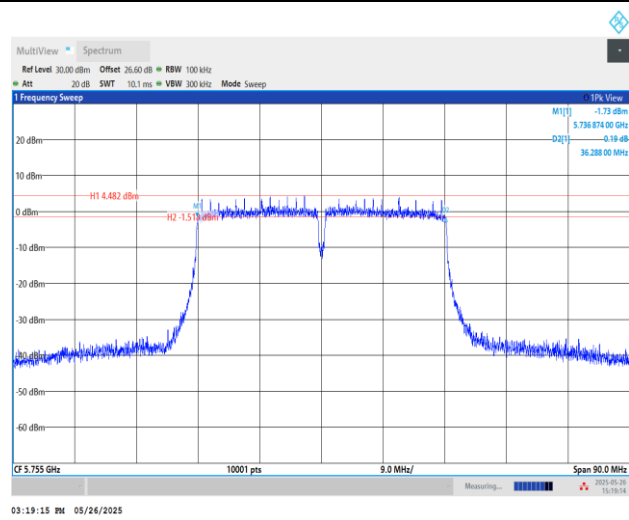


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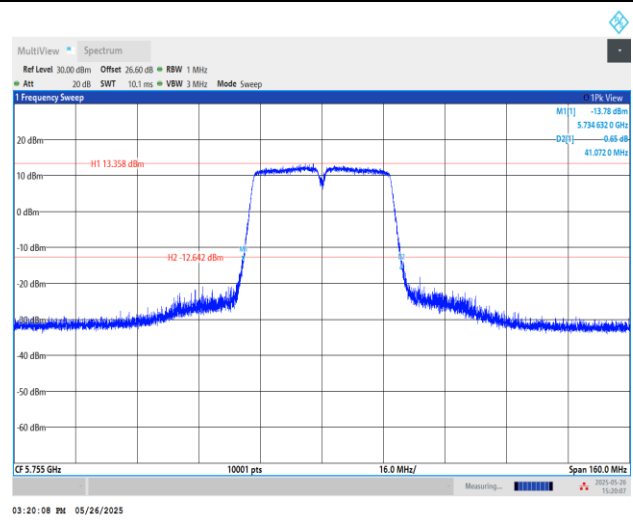


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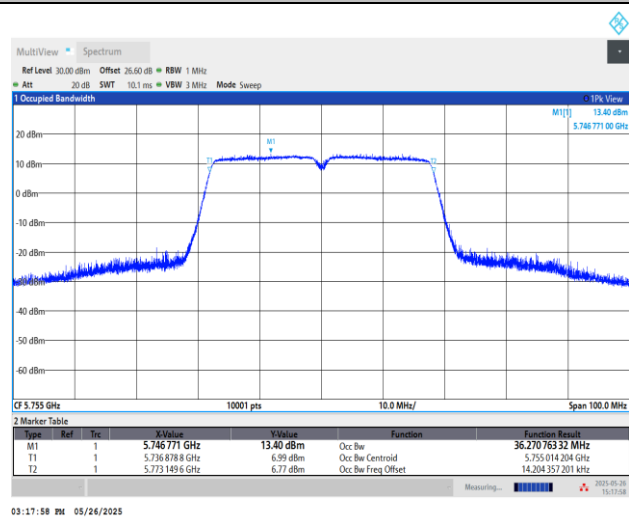
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

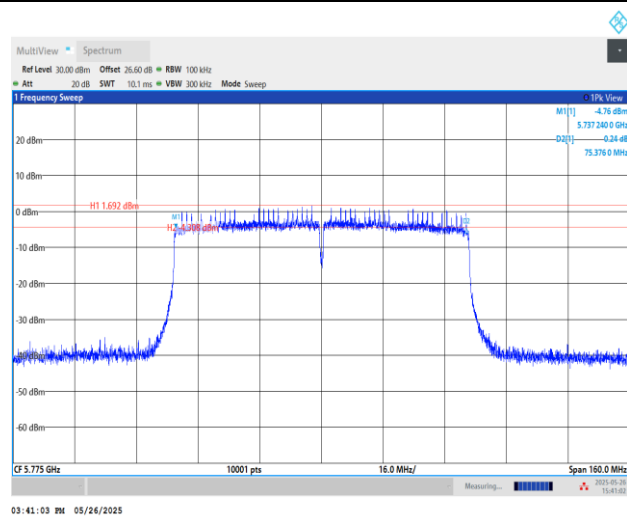


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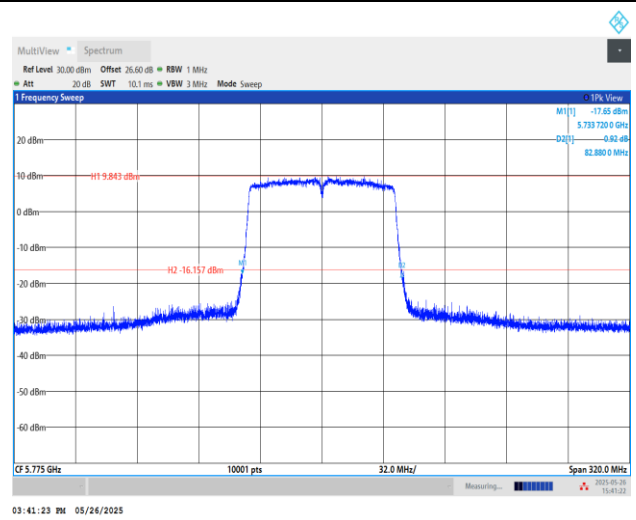


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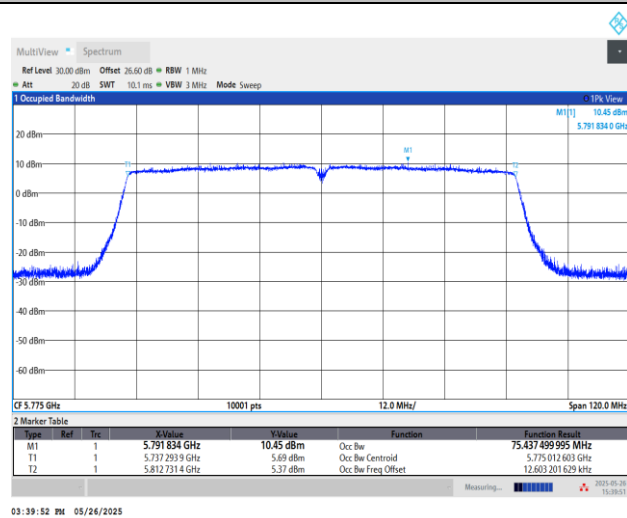
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

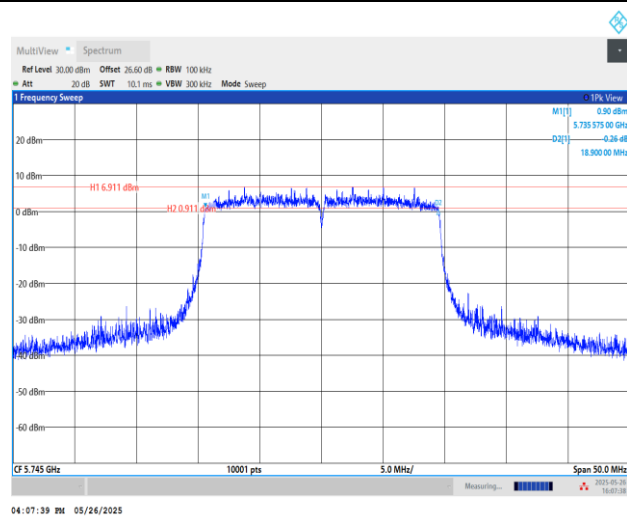


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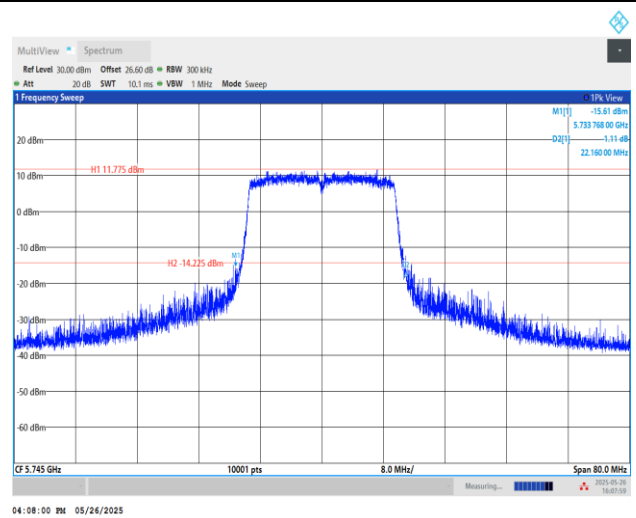


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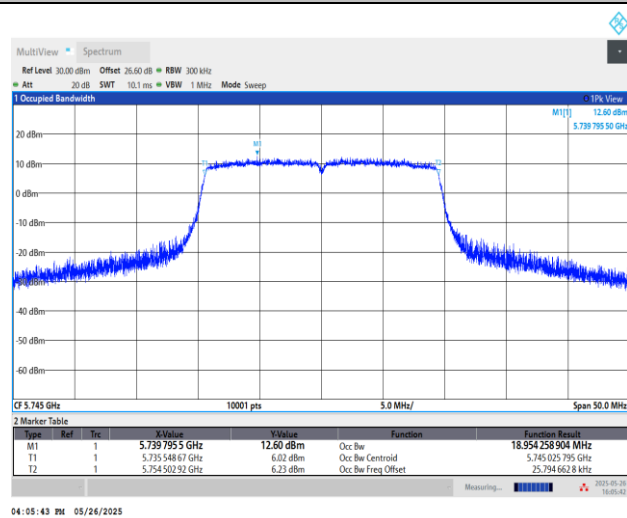
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

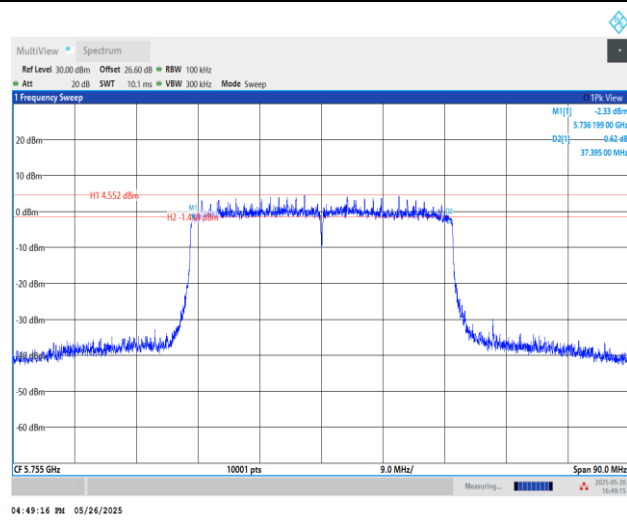


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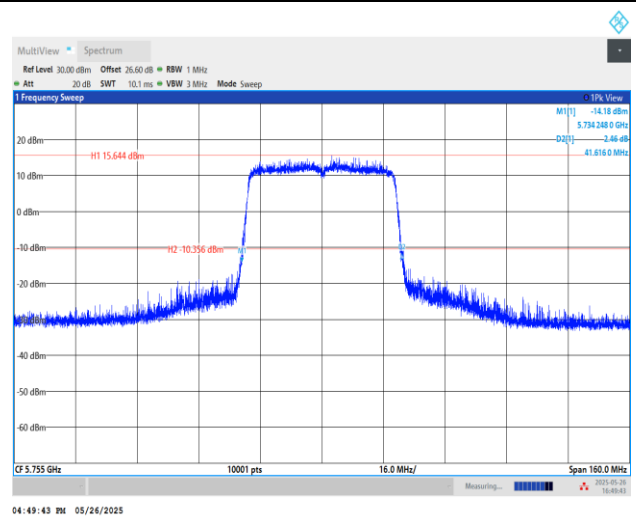


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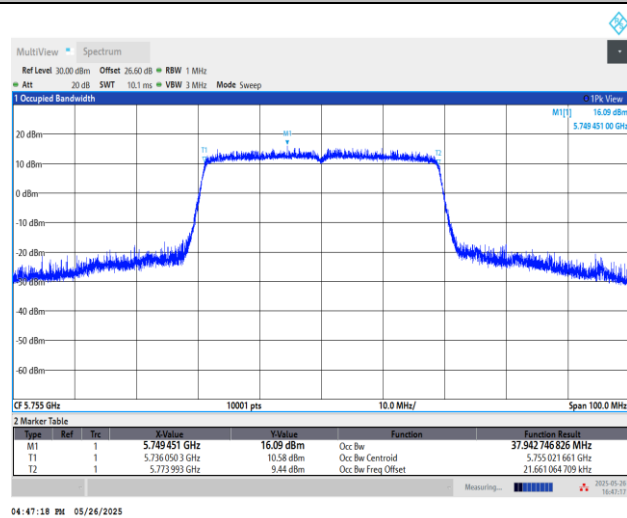
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

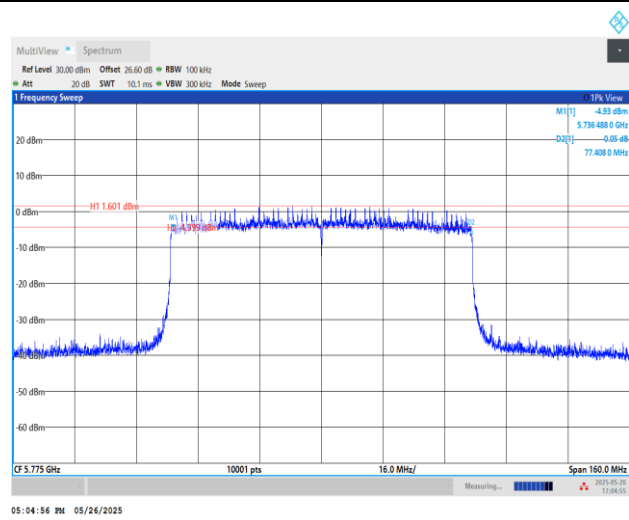


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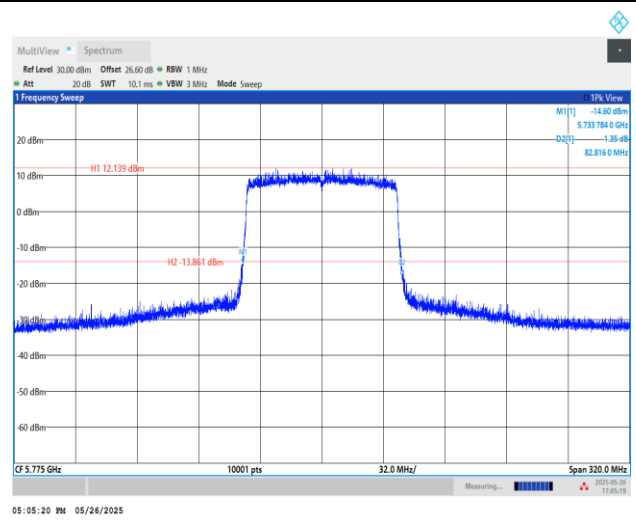


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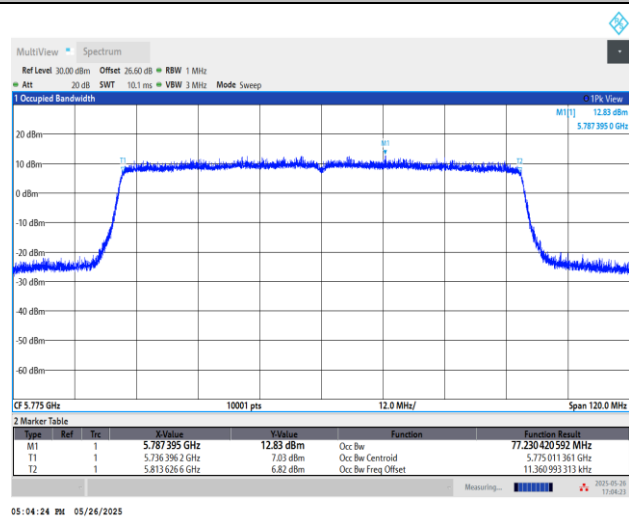
6dB Bandwidth



26dB Bandwidth



99% Occupied Bandwidth

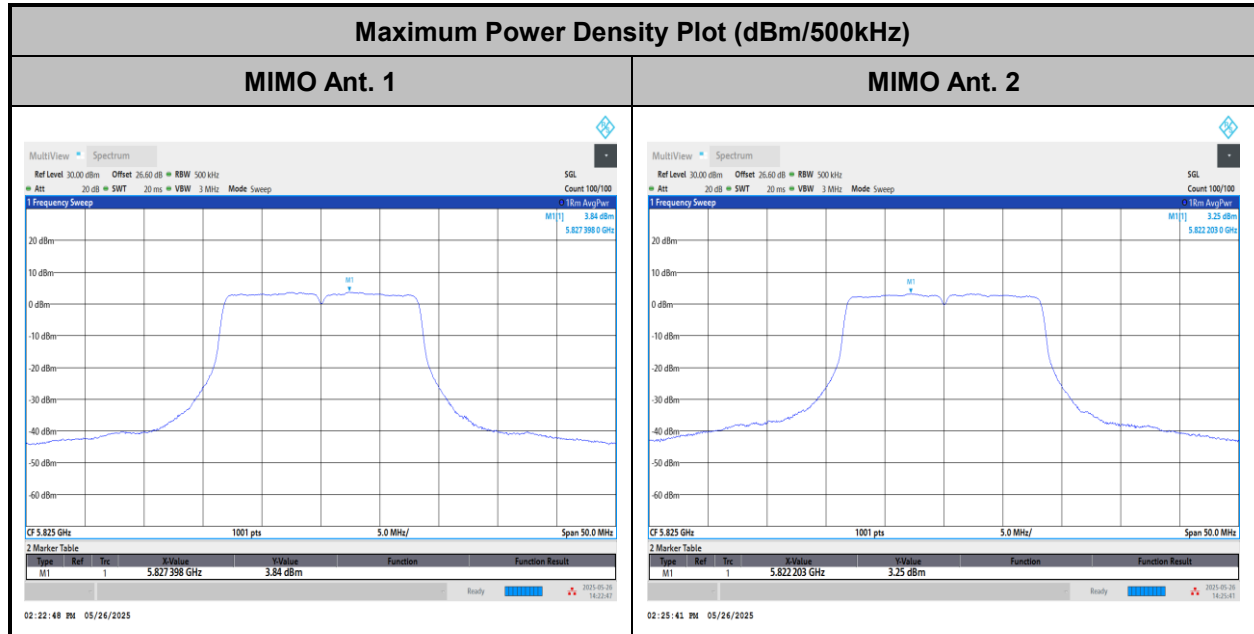


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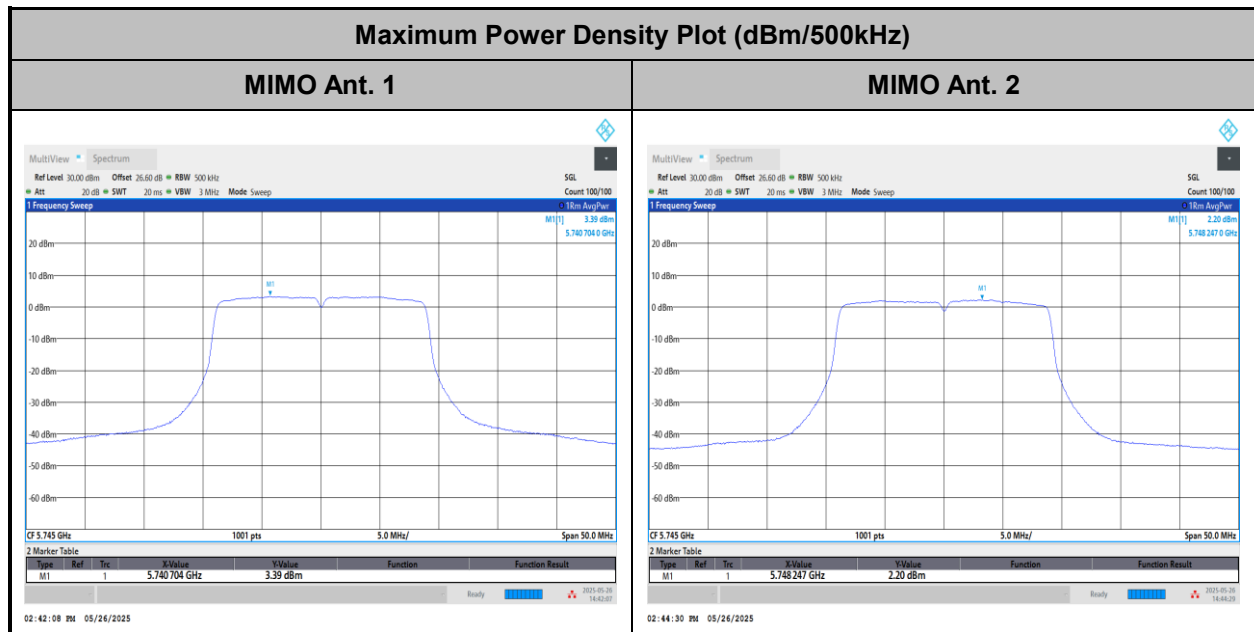


Test Result of Power Spectral Density

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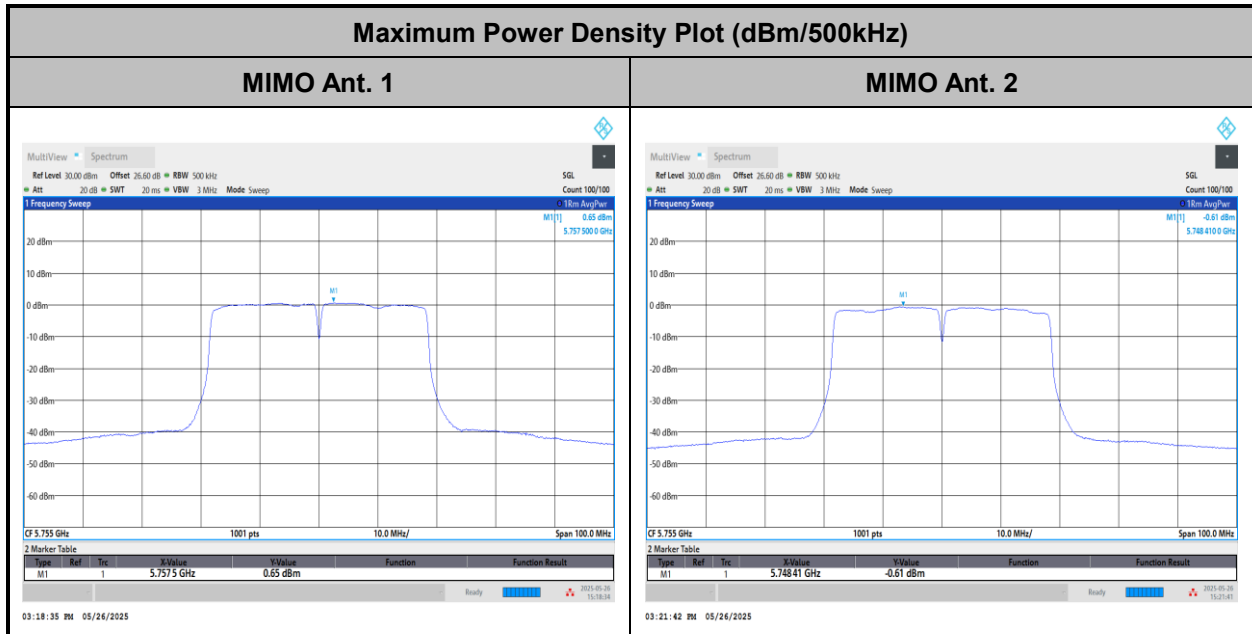


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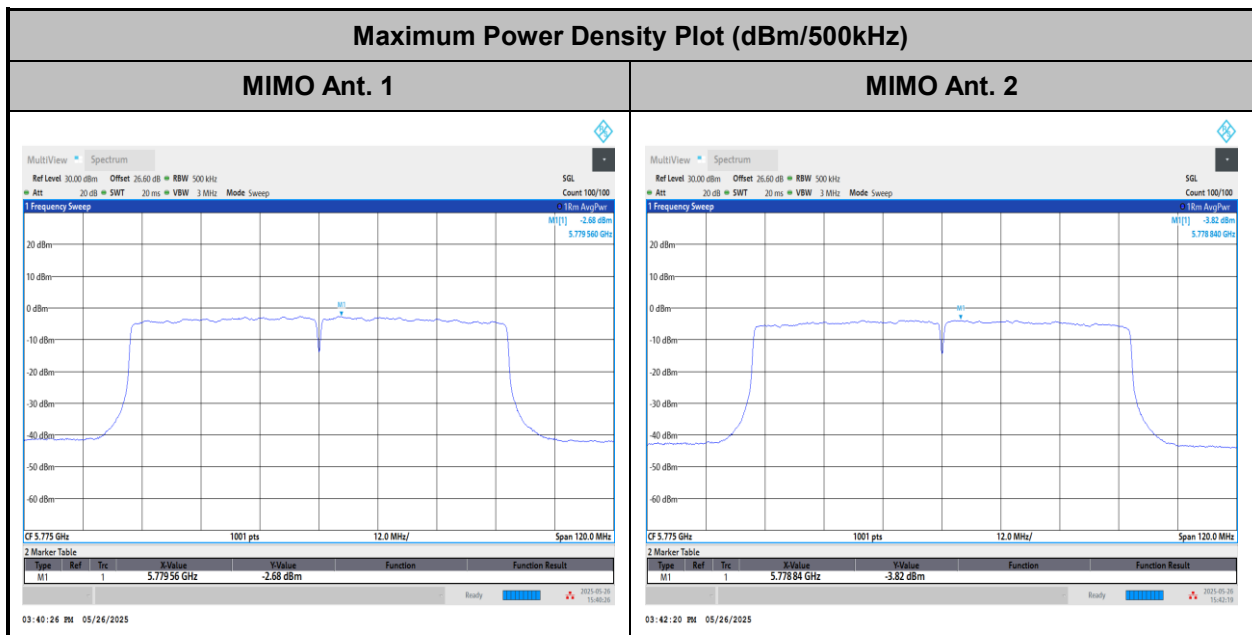




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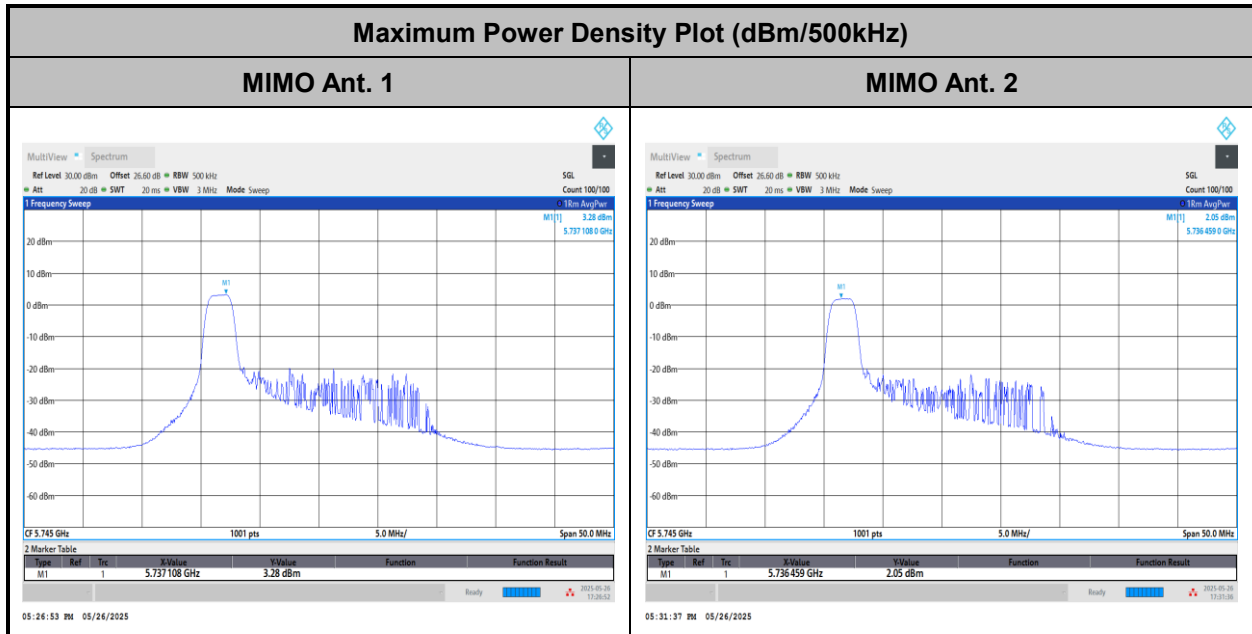


<802.11ac VHT80>

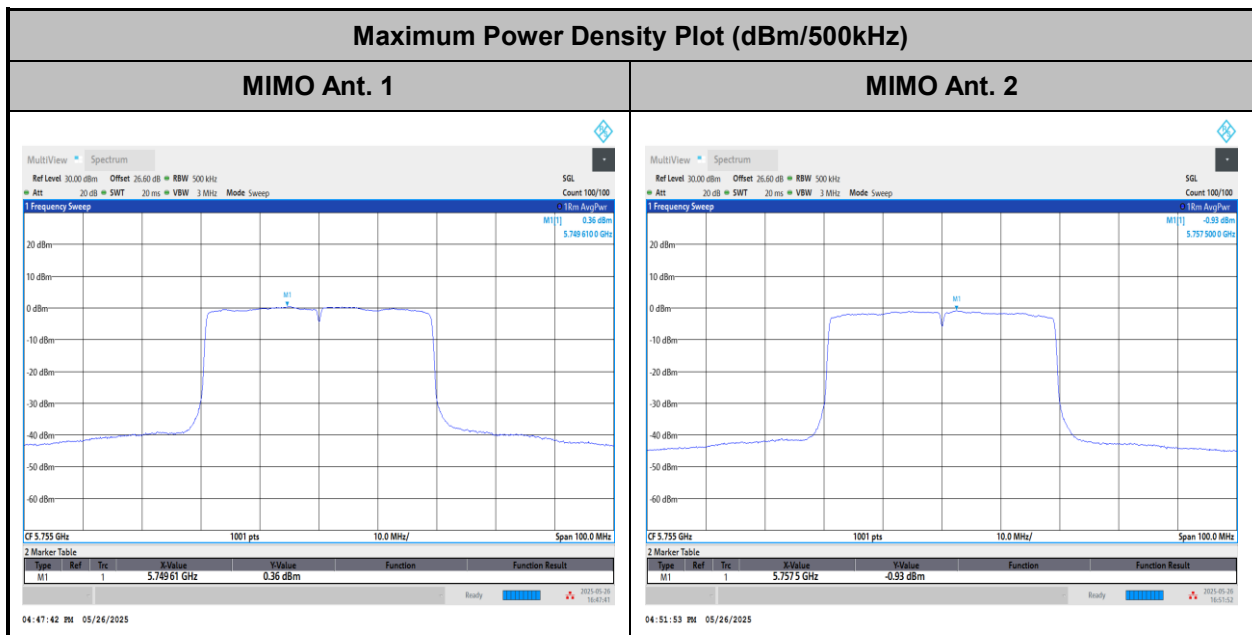




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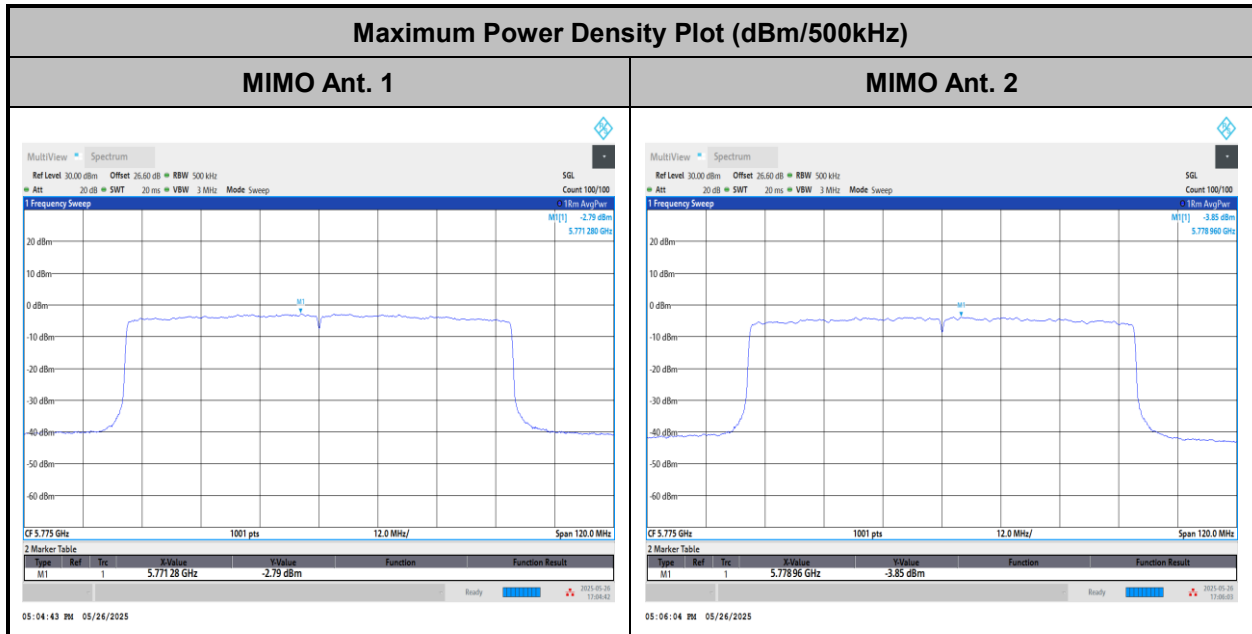


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<802.11ax HE80>





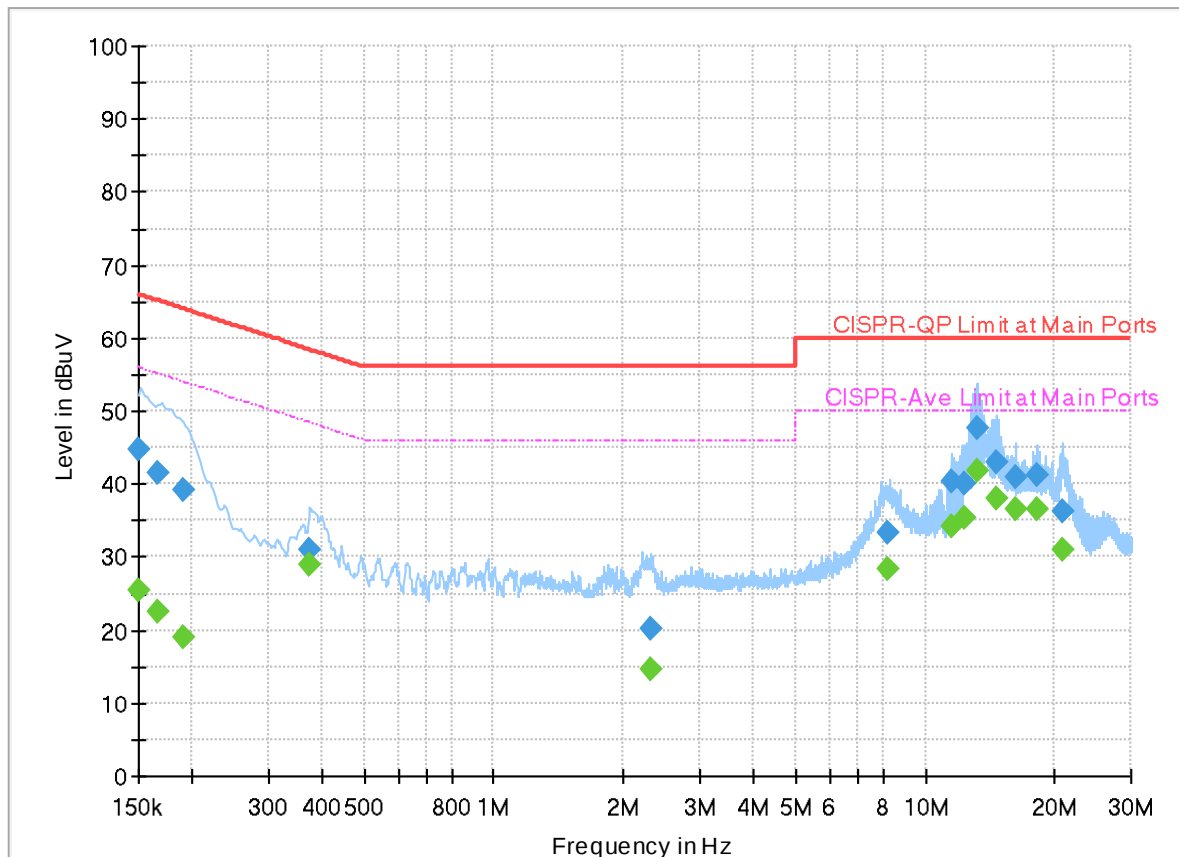
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	23.5~26.1°C
		Relative Humidity :	52.3~62.7%

EUT Information

Report NO : 522804
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



Final_Result

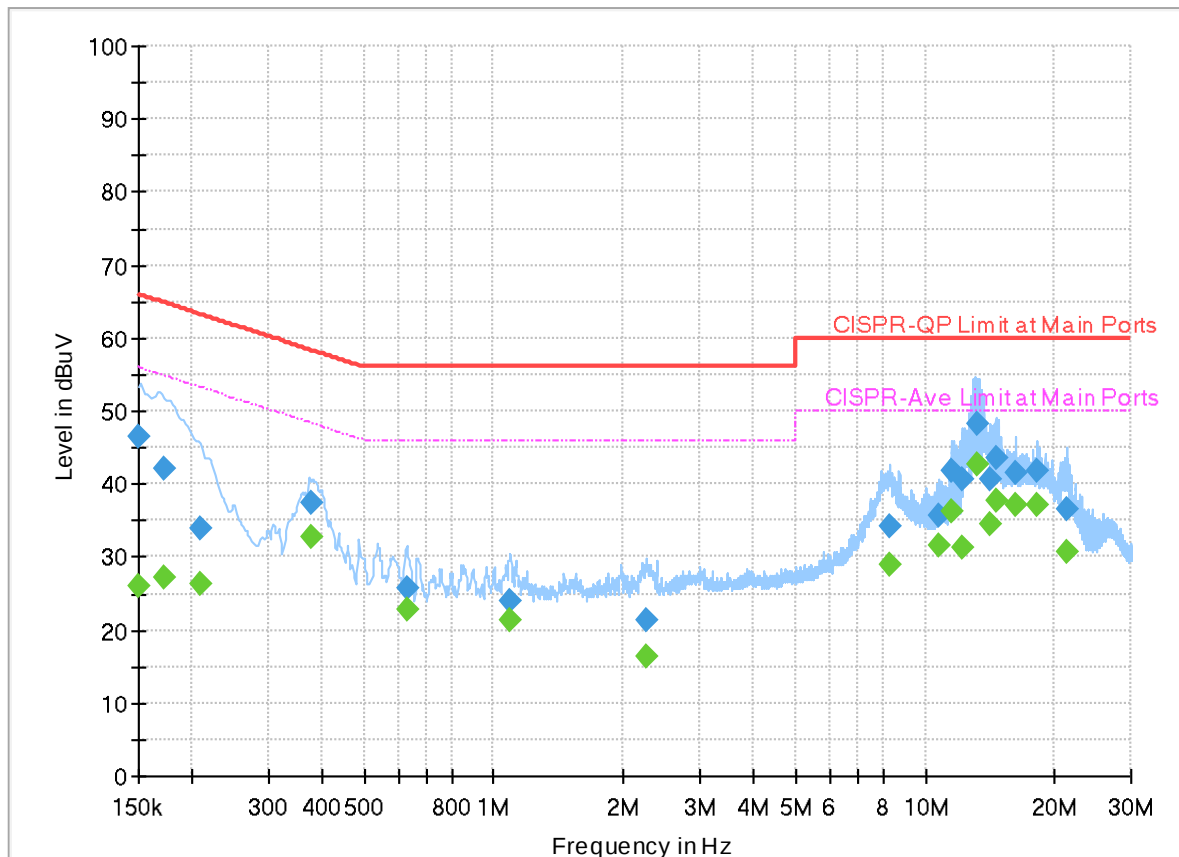
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.150000	---	25.52	56.00	30.48	L1	FLO	20.0
0.150000	44.71	---	66.00	21.29	L1	FLO	20.0
0.165750	---	22.58	55.17	32.59	L1	FLO	20.0
0.165750	41.47	---	65.17	23.70	L1	FLO	20.0
0.190500	---	18.93	54.02	35.09	L1	FLO	20.0
0.190500	39.31	---	64.02	24.71	L1	FLO	20.0
0.372750	---	28.90	48.44	19.54	L1	FLO	20.0
0.372750	31.05	---	58.44	27.39	L1	FLO	20.0
2.307840	---	14.69	46.00	31.31	L1	FLO	20.1
2.307840	20.22	---	56.00	35.78	L1	FLO	20.1
8.230470	---	28.37	50.00	21.63	L1	FLO	20.3
8.230470	33.33	---	60.00	26.67	L1	FLO	20.3
11.565060	---	34.19	50.00	15.81	L1	FLO	20.5
11.565060	40.37	---	60.00	19.63	L1	FLO	20.5
12.403590	---	35.41	50.00	14.59	L1	FLO	20.5
12.403590	39.92	---	60.00	20.08	L1	FLO	20.5
13.247250	---	41.76	50.00	8.24	L1	FLO	20.5
13.247250	47.52	---	60.00	12.48	L1	FLO	20.5
14.646750	---	37.92	50.00	12.08	L1	FLO	20.6

14.646750	42.94	---	60.00	17.06	L1	FLO	20.6
16.228500	---	36.59	50.00	13.41	L1	FLO	20.6
16.228500	40.94	---	60.00	19.06	L1	FLO	20.6
18.244770	---	36.69	50.00	13.31	L1	FLO	20.7
18.244770	41.13	---	60.00	18.87	L1	FLO	20.7
20.806260	---	31.00	50.00	19.00	L1	FLO	20.8
20.806260	36.36	---	60.00	23.64	L1	FLO	20.8

EUT Information

Report NO : 522804
Test Mode : Mode 1
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	PE	Corr. (dB)
0.150000	---	25.96	56.00	30.04	N	FLO	20.0
0.150000	46.36	---	66.00	19.64	N	FLO	20.0
0.171510	---	27.10	54.89	27.79	N	FLO	20.0
0.171510	42.00	---	64.89	22.89	N	FLO	20.0
0.208500	---	26.25	53.27	27.02	N	FLO	20.0
0.208500	33.89	---	63.27	29.38	N	FLO	20.0
0.379500	---	32.89	48.29	15.40	N	FLO	20.0
0.379500	37.56	---	58.29	20.73	N	FLO	20.0
0.628800	---	22.94	46.00	23.06	N	FLO	20.0
0.628800	25.71	---	56.00	30.29	N	FLO	20.0
1.087530	---	21.20	46.00	24.80	N	FLO	20.0
1.087530	24.10	---	56.00	31.90	N	FLO	20.0
2.250960	---	16.23	46.00	29.77	N	FLO	20.1
2.250960	21.41	---	56.00	34.59	N	FLO	20.1
8.269710	---	28.90	50.00	21.10	N	FLO	20.3
8.269710	34.24	---	60.00	25.76	N	FLO	20.3
10.764870	---	31.62	50.00	18.38	N	FLO	20.4
10.764870	35.65	---	60.00	24.35	N	FLO	20.4
11.564340	---	36.29	50.00	13.71	N	FLO	20.5

11.564340	41.70	---	60.00	18.30	N	FLO	20.5
12.232230	---	31.23	50.00	18.77	N	FLO	20.5
12.232230	40.56	---	60.00	19.44	N	FLO	20.5
13.157250	---	42.76	50.00	7.24	N	FLO	20.5
13.157250	48.36	---	60.00	11.64	N	FLO	20.5
14.155260	---	34.53	50.00	15.47	N	FLO	20.6
14.155260	40.75	---	60.00	19.25	N	FLO	20.6
14.551800	---	37.66	50.00	12.34	N	FLO	20.6
14.551800	43.60	---	60.00	16.40	N	FLO	20.6
16.228050	---	37.17	50.00	12.83	N	FLO	20.7
16.228050	41.64	---	60.00	18.36	N	FLO	20.7
18.243600	---	37.23	50.00	12.77	N	FLO	20.8
18.243600	41.79	---	60.00	18.21	N	FLO	20.8
21.331500	---	30.78	50.00	19.22	N	FLO	20.9
21.331500	36.48	---	60.00	23.52	N	FLO	20.9



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jacky Hung, Mancy Chou and Rain Lee	Temperature :	20~26°C
		Relative Humidity :	40~65%

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 1	U-NII-3	5.725-5.85	1+2	802.11a	149	5745	6Mbps	-	-
Mode 2	U-NII-3	5.725-5.85	1+2	802.11a	157	5785	6Mbps	-	-
Mode 3	U-NII-3	5.725-5.85	1+2	802.11a	165	5825	6Mbps	-	-
Mode 4	U-NII-3	5.725-5.85	1+2	802.11n HT20	149	5745	MCS0	-	-
Mode 5	U-NII-3	5.725-5.85	1+2	802.11n HT20	157	5785	MCS0	-	-
Mode 6	U-NII-3	5.725-5.85	1+2	802.11n HT20	165	5825	MCS0	-	-
Mode 7	U-NII-3	5.725-5.85	1+2	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 8	U-NII-3	5.725-5.85	1+2	802.11ax HE20	149	5745	MCS0	Partial_106/53RU	-
Mode 9	U-NII-3	5.725-5.85	1+2	802.11ax HE20	157	5785	MCS0	Full RU	-
Mode 10	U-NII-3	5.725-5.85	1+2	802.11ax HE20	165	5825	MCS0	Full RU	-
Mode 11	U-NII-3	5.725-5.85	1+2	802.11ax HE20	165	5825	MCS0	Partial_106/54RU	-



Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	U-NII-3	5.725-5.85	1+2	802.11ax HE40	151	5755	MCS0	Full RU	-
Mode 13	U-NII-3	5.725-5.85	1+2	802.11ax HE40	151	5755	MCS0	Partial_242/61RU	-
Mode 14	U-NII-3	5.725-5.85	1+2	802.11ax HE40	159	5795	MCS0	Full RU	-
Mode 15	U-NII-3	5.725-5.85	1+2	802.11ax HE40	159	5795	MCS0	Partial_242/62RU	-
Mode 16	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Full RU	-
Mode 17	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Partial_484/65RU	-
Mode 18	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Partial_484/66RU	-
Mode 19	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Partial_484/66RU	SHF
Mode 20	U-NII-3	5.725-5.85	1+2	802.11ax HE80	155	5775	MCS0	Partial_484/66RU	LF

**C2. Summary of each worse mode**

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	802.11a	149	5648.43	56.44	68.20	-11.76	H	Peak	Pass	-	Band Edge
	802.11a	149	6154.00	64.31	68.20	-3.89	H	Peak	Pass	-	Harmonic
2	802.11a	157	5927.73	53.37	68.20	-14.83	H	Peak	Pass	-	Band Edge
	802.11a	157	5362.00	50.93	54.00	-3.07	H	Avg.	Pass	-	Harmonic
3	802.11a	165	5932.25	55.52	68.20	-12.68	H	Peak	Pass	-	Band Edge
	802.11a	165	5416.00	50.83	54.00	-3.17	H	Avg.	Pass	-	Harmonic
4	802.11n HT20	149	5649.30	58.53	68.20	-9.67	H	Peak	Pass	-	Band Edge
	802.11n HT20	149	5356.00	50.04	54.00	-3.96	H	Avg.	Pass	-	Harmonic
5	802.11n HT20	157	5932.35	53.65	68.20	-14.55	H	Peak	Pass	-	Band Edge
	802.11n HT20	157	5380.00	50.39	54.00	-3.61	H	Avg.	Pass	-	Harmonic
6	802.11n HT20	165	5923.25	56.52	69.49	-12.97	H	Peak	Pass	-	Band Edge
	802.11n HT20	165	6238.00	64.76	68.20	-3.44	H	Peak	Pass	-	Harmonic

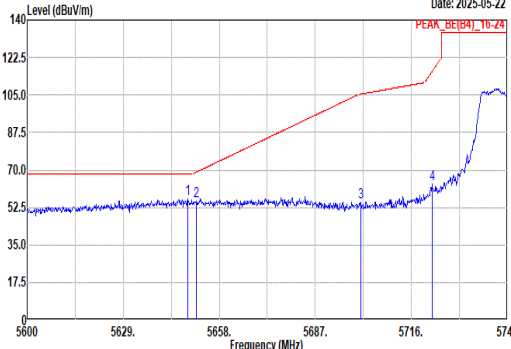
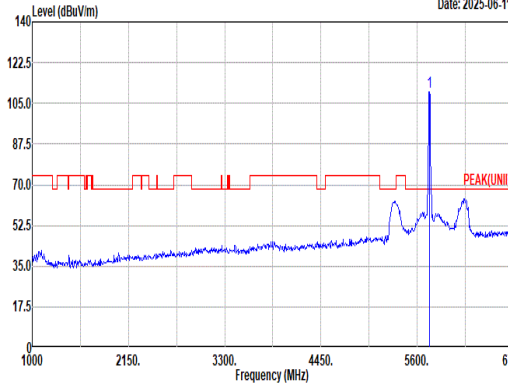
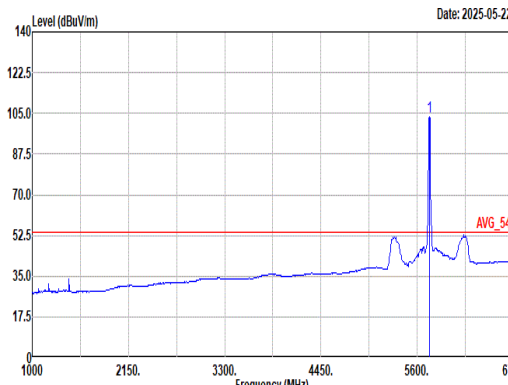


Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
7	802.11ax HE20	149	5648.87	58.97	68.20	-9.23	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	149	17235.00	63.17	68.20	-5.03	V	Peak	Pass	Full RU	Harmonic
8	802.11ax HE20	149	5648.72	66.77	68.20	-1.43	H	Peak	Pass	Partial_106/53RU	Band Edge
9	802.11ax HE20	157	5924.10	55.11	68.87	-13.76	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	157	5380.00	47.99	54.00	-6.01	H	Avg.	Pass	Full RU	Harmonic
10	802.11ax HE20	165	5926.13	57.78	68.20	-10.42	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	165	5386.00	49.90	54.00	-4.10	H	Avg.	Pass	Full RU	Harmonic
11	802.11ax HE20	165	5926.00	65.05	68.20	-3.15	H	Peak	Pass	Partial_106/54RU	Band Edge
12	802.11ax HE40	151	5648.52	58.12	68.20	-10.08	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	151	5350.00	47.98	54.00	-6.02	H	Avg.	Pass	Full RU	Harmonic



Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
13	802.11ax HE40	151	5642.47	63.40	68.20	-4.80	H	Peak	Pass	Partial_242/61RU	Band Edge
14	802.11ax HE40	159	5928.77	55.85	68.20	-12.35	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	159	5386.00	48.43	54.00	-5.57	H	Avg.	Pass	Full RU	Harmonic
15	802.11ax HE40	159	5949.23	61.78	68.20	-6.42	V	Peak	Pass	Partial_242/62RU	Band Edge
16	802.11ax HE80	155	5639.03	63.04	68.20	-5.16	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE80	155	5350.00	48.01	54.00	-5.99	H	Avg.	Pass	Full RU	Harmonic
17	802.11ax HE80	155	5647.95	66.15	68.20	-2.05	V	Peak	Pass	Partial_484/65RU	Band Edge
18	802.11ax HE80	155	5651.80	68.14	69.54	-1.40	H	Peak	Pass	Partial_484/66RU	Band Edge
19	802.11ax HE80	155	39370.49	46.48	74.00	-27.52	V	Peak	Pass	Partial_484/66RU	SHF
20	802.11ax HE80	155	37.76	34.10	40.00	-5.90	V	QP	Pass	Partial_484/66RU	LF



Mode	1																																																																																																																										
	Band Edge																																																																																																																										
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz																																																																																																																										
ANT	1+2																																																																																																																										
Pol.	Horizontal	Fundamental																																																																																																																									
Peak	Level (dBuV/m) Date: 2025-05-22 PEAK_BE(B4)_16-24  Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5648.43</td><td>56.44</td><td>68.20</td><td>-11.76</td><td>51.27</td><td>33.29</td><td>8.68</td><td>36.80</td><td>0.00</td><td>100</td><td>131</td><td>PEAK</td></tr><tr><td>2</td><td>5651.04</td><td>55.68</td><td>68.97</td><td>-13.29</td><td>50.48</td><td>33.31</td><td>8.69</td><td>36.80</td><td>0.00</td><td>100</td><td>131</td><td>PEAK</td></tr><tr><td>3</td><td>5700.78</td><td>54.81</td><td>105.42</td><td>-50.61</td><td>49.17</td><td>33.70</td><td>8.74</td><td>36.80</td><td>0.00</td><td>100</td><td>131</td><td>PEAK</td></tr><tr><td>4</td><td>5722.24</td><td>63.15</td><td>115.90</td><td>-52.75</td><td>57.44</td><td>33.74</td><td>8.76</td><td>36.79</td><td>0.00</td><td>100</td><td>131</td><td>PEAK</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg		1	5648.43	56.44	68.20	-11.76	51.27	33.29	8.68	36.80	0.00	100	131	PEAK	2	5651.04	55.68	68.97	-13.29	50.48	33.31	8.69	36.80	0.00	100	131	PEAK	3	5700.78	54.81	105.42	-50.61	49.17	33.70	8.74	36.80	0.00	100	131	PEAK	4	5722.24	63.15	115.90	-52.75	57.44	33.74	8.76	36.79	0.00	100	131	PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNII)  Site : 03CH15-HY Condition: PEAK(UNII)_3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5745.00</td><td>110.01</td><td>-----</td><td>-----</td><td>104.22</td><td>33.79</td><td>8.79</td><td>36.79</td><td>0.00</td><td>100</td><td>131</td><td>PEAK</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg		1	5745.00	110.01	-----	-----	104.22	33.79	8.79	36.79	0.00	100	131	PEAK
		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																													
	MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																															
1	5648.43	56.44	68.20	-11.76	51.27	33.29	8.68	36.80	0.00	100	131	PEAK																																																																																																															
2	5651.04	55.68	68.97	-13.29	50.48	33.31	8.69	36.80	0.00	100	131	PEAK																																																																																																															
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	MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																															
1	5745.00	110.01	-----	-----	104.22	33.79	8.79	36.79	0.00	100	131	PEAK																																																																																																															
Avg	Blank	Level (dBuV/m) Date: 2025-05-22 AVG_54  Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.620kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5745.00</td><td>103.44</td><td>-----</td><td>-----</td><td>97.65</td><td>33.79</td><td>8.79</td><td>36.79</td><td>0.00</td><td>100</td><td>131</td><td>AVERAGE</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg		1	5745.00	103.44	-----	-----	97.65	33.79	8.79	36.79	0.00	100	131	AVERAGE																																																																																
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																														
	MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																															
1	5745.00	103.44	-----	-----	97.65	33.79	8.79	36.79	0.00	100	131	AVERAGE																																																																																																															

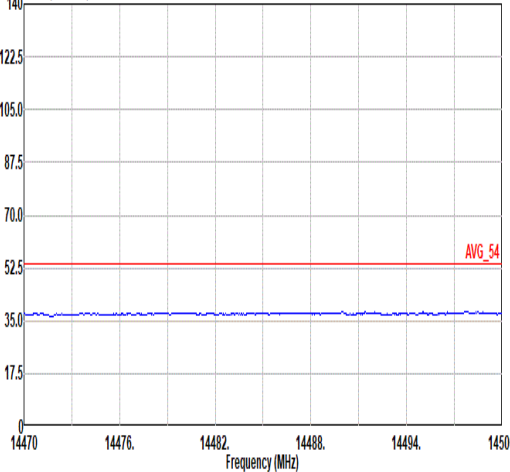
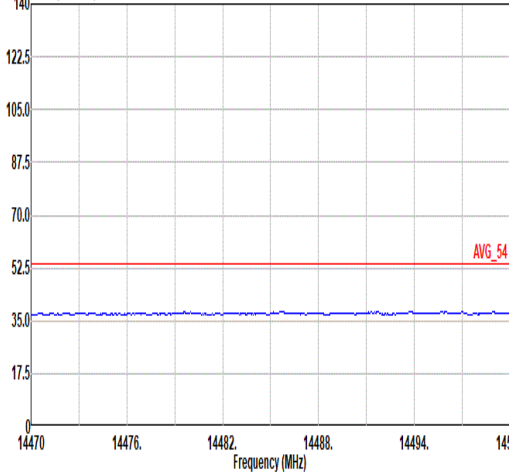
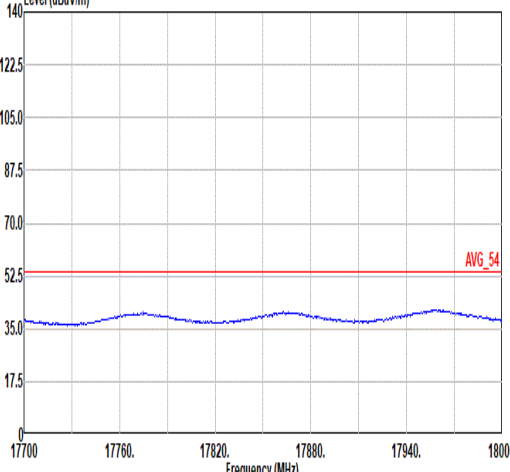
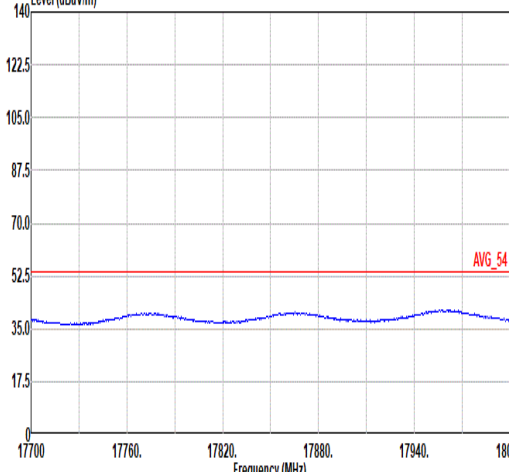


Mode	1											
	Band Edge											
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz											
ANT	1+2											
Pol.	Vertical						Fundamental					
Peak												



Mode	1																																																																																																																																																																																																																								
	Harmonic																																																																																																																																																																																																																								
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ANT	1+2																																																																																																																																																																																																																								
Pol.	Horizontal						Vertical																																																																																																																																																																																																																		
Peak Avg	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1180.00</td><td>41.52</td><td>74.00</td><td>-32.48</td><td>49.55</td><td>25.30</td><td>3.86</td><td>37.19</td><td>0.00</td><td>100</td><td>131</td><td>Peak</td></tr><tr><td>2</td><td>5338.00</td><td>63.81</td><td>68.20</td><td>-4.39</td><td>59.18</td><td>32.90</td><td>8.56</td><td>36.83</td><td>0.00</td><td>100</td><td>129</td><td>Peak</td></tr><tr><td>3</td><td>6154.00</td><td>64.31</td><td>68.20</td><td>-3.89</td><td>57.65</td><td>34.20</td><td>9.14</td><td>36.68</td><td>0.00</td><td>100</td><td>125</td><td>Peak</td></tr><tr><td>4</td><td>11490.00</td><td>46.26</td><td>74.00</td><td>-27.74</td><td>51.29</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>--</td><td>--</td><td>PEAK</td></tr><tr><td>5</td><td>17235.00</td><td>55.47</td><td>68.20</td><td>-12.73</td><td>60.11</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>200</td><td>237</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	1180.00	41.52	74.00	-32.48	49.55	25.30	3.86	37.19	0.00	100	131	Peak	2	5338.00	63.81	68.20	-4.39	59.18	32.90	8.56	36.83	0.00	100	129	Peak	3	6154.00	64.31	68.20	-3.89	57.65	34.20	9.14	36.68	0.00	100	125	Peak	4	11490.00	46.26	74.00	-27.74	51.29	38.91	12.58	57.44	0.92	--	--	PEAK	5	17235.00	55.47	68.20	-12.73	60.11	38.20	15.47	59.25	0.94	200	237	PEAK	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1180.00</td><td>40.69</td><td>74.00</td><td>-33.31</td><td>48.00</td><td>25.86</td><td>3.99</td><td>37.16</td><td>0.00</td><td>331</td><td>129</td><td>Peak</td></tr><tr><td>2</td><td>5338.00</td><td>61.31</td><td>68.20</td><td>-6.89</td><td>56.68</td><td>32.90</td><td>8.56</td><td>36.83</td><td>0.00</td><td>324</td><td>135</td><td>Peak</td></tr><tr><td>3</td><td>6190.00</td><td>61.98</td><td>68.20</td><td>-6.22</td><td>55.28</td><td>34.20</td><td>9.16</td><td>36.66</td><td>0.00</td><td>337</td><td>130</td><td>Peak</td></tr><tr><td>4</td><td>11490.00</td><td>51.15</td><td>74.00</td><td>-22.85</td><td>56.18</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>276</td><td>0</td><td>PEAK</td></tr><tr><td>5</td><td>11490.00</td><td>40.99</td><td>54.00</td><td>-13.01</td><td>46.02</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>276</td><td>0</td><td>AVERAGE</td></tr><tr><td>6</td><td>17235.00</td><td>59.67</td><td>68.20</td><td>-8.53</td><td>64.31</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>202</td><td>0</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	1180.00	40.69	74.00	-33.31	48.00	25.86	3.99	37.16	0.00	331	129	Peak	2	5338.00	61.31	68.20	-6.89	56.68	32.90	8.56	36.83	0.00	324	135	Peak	3	6190.00	61.98	68.20	-6.22	55.28	34.20	9.16	36.66	0.00	337	130	Peak	4	11490.00	51.15	74.00	-22.85	56.18	38.91	12.58	57.44	0.92	276	0	PEAK	5	11490.00	40.99	54.00	-13.01	46.02	38.91	12.58	57.44	0.92	276	0	AVERAGE	6	17235.00	59.67	68.20	-8.53	64.31	38.20	15.47	59.25	0.94	202	0	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																															
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																																																																																																																															
1	1180.00	41.52	74.00	-32.48	49.55	25.30	3.86	37.19	0.00	100	131	Peak																																																																																																																																																																																																													
2	5338.00	63.81	68.20	-4.39	59.18	32.90	8.56	36.83	0.00	100	129	Peak																																																																																																																																																																																																													
3	6154.00	64.31	68.20	-3.89	57.65	34.20	9.14	36.68	0.00	100	125	Peak																																																																																																																																																																																																													
4	11490.00	46.26	74.00	-27.74	51.29	38.91	12.58	57.44	0.92	--	--	PEAK																																																																																																																																																																																																													
5	17235.00	55.47	68.20	-12.73	60.11	38.20	15.47	59.25	0.94	200	237	PEAK																																																																																																																																																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																																																																																																																																															
1	1180.00	40.69	74.00	-33.31	48.00	25.86	3.99	37.16	0.00	331	129	Peak																																																																																																																																																																																																													
2	5338.00	61.31	68.20	-6.89	56.68	32.90	8.56	36.83	0.00	324	135	Peak																																																																																																																																																																																																													
3	6190.00	61.98	68.20	-6.22	55.28	34.20	9.16	36.66	0.00	337	130	Peak																																																																																																																																																																																																													
4	11490.00	51.15	74.00	-22.85	56.18	38.91	12.58	57.44	0.92	276	0	PEAK																																																																																																																																																																																																													
5	11490.00	40.99	54.00	-13.01	46.02	38.91	12.58	57.44	0.92	276	0	AVERAGE																																																																																																																																																																																																													
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Mode	1	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	2																																																																																																																																										
	Band Edge - L																																																																																																																																										
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz																																																																																																																																										
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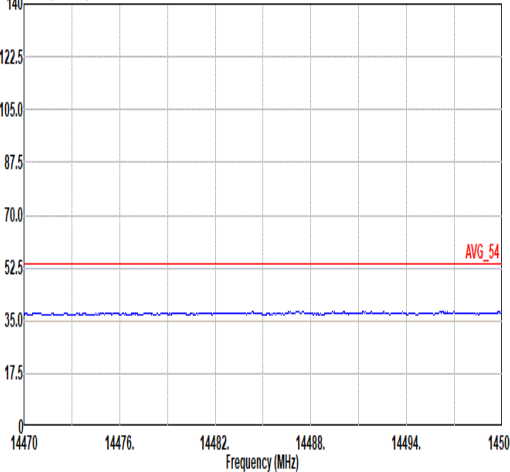
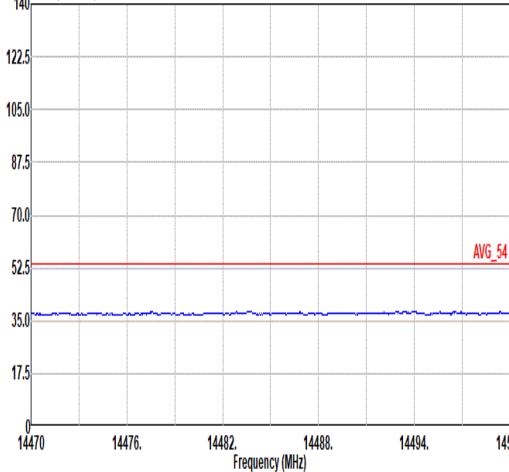
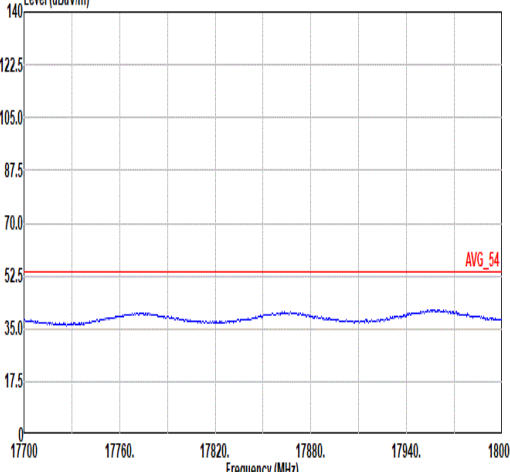
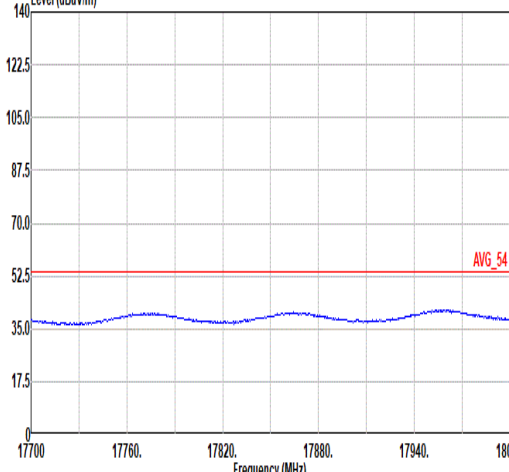


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Peak	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5854.63</td><td>52.42</td><td>111.64</td><td>-59.22</td><td></td><td>46.07</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>325</td><td>126</td><td>PEAK</td></tr><tr><td>2</td><td>5873.77</td><td>52.63</td><td>105.54</td><td>-52.91</td><td></td><td>46.18</td><td>34.30</td><td>8.93</td><td>36.78</td><td>0.00</td><td>325</td><td>126</td><td>PEAK</td></tr><tr><td>3</td><td>5924.76</td><td>48.65</td><td>68.38</td><td>-19.73</td><td></td><td>42.13</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>325</td><td>126</td><td>PEAK</td></tr><tr><td>4</td><td>5930.37</td><td>51.00</td><td>68.20</td><td>-17.20</td><td></td><td>44.50</td><td>34.28</td><td>8.99</td><td>36.77</td><td>0.00</td><td>325</td><td>126</td><td>PEAK</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg		1	5854.63	52.42	111.64	-59.22		46.07	34.22	8.91	36.78	0.00	325	126	PEAK	2	5873.77	52.63	105.54	-52.91		46.18	34.30	8.93	36.78	0.00	325	126	PEAK	3	5924.76	48.65	68.38	-19.73		42.13	34.30	8.99	36.77	0.00	325	126	PEAK	4	5930.37	51.00	68.20	-17.20		44.50	34.28	8.99	36.77	0.00	325	126	PEAK	Blank
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																									
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Peak Avg	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1102.00</td><td>44.81</td><td>74.00</td><td>-29.19</td><td>52.93</td><td>25.22</td><td>3.85</td><td>37.19</td><td>0.00</td><td>100 139 Peak</td></tr><tr><td>2 5362.00</td><td>63.19</td><td>74.00</td><td>-10.81</td><td>58.56</td><td>32.88</td><td>8.58</td><td>36.83</td><td>0.00</td><td>100 126 Peak</td></tr><tr><td>3 5362.00</td><td>50.93</td><td>54.00</td><td>-3.07</td><td>46.30</td><td>32.88</td><td>8.58</td><td>36.83</td><td>0.00</td><td>100 126 Average</td></tr><tr><td>4 6214.00</td><td>63.77</td><td>68.20</td><td>-4.43</td><td>56.99</td><td>34.26</td><td>9.17</td><td>36.65</td><td>0.00</td><td>100 118 Peak</td></tr><tr><td>5 11570.00</td><td>46.86</td><td>74.00</td><td>-27.14</td><td>52.08</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>400 317 PEAK</td></tr><tr><td>6 11570.00</td><td>37.82</td><td>54.00</td><td>-16.18</td><td>43.04</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>400 317 Average</td></tr><tr><td>7 17355.00</td><td>54.59</td><td>68.20</td><td>-13.61</td><td>58.93</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>192 235 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1102.00	44.81	74.00	-29.19	52.93	25.22	3.85	37.19	0.00	100 139 Peak	2 5362.00	63.19	74.00	-10.81	58.56	32.88	8.58	36.83	0.00	100 126 Peak	3 5362.00	50.93	54.00	-3.07	46.30	32.88	8.58	36.83	0.00	100 126 Average	4 6214.00	63.77	68.20	-4.43	56.99	34.26	9.17	36.65	0.00	100 118 Peak	5 11570.00	46.86	74.00	-27.14	52.08	38.62	12.63	57.39	0.92	400 317 PEAK	6 11570.00	37.82	54.00	-16.18	43.04	38.62	12.63	57.39	0.92	400 317 Average	7 17355.00	54.59	68.20	-13.61	58.93	38.37	15.54	59.19	0.94	192 235 PEAK	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1100.00</td><td>41.07</td><td>74.00</td><td>-32.93</td><td>48.38</td><td>25.86</td><td>3.99</td><td>37.16</td><td>0.00</td><td>325 126 Peak</td></tr><tr><td>2 5368.00</td><td>59.67</td><td>74.00</td><td>-14.33</td><td>55.06</td><td>32.86</td><td>8.58</td><td>36.83</td><td>0.00</td><td>300 126 Peak</td></tr><tr><td>3 5368.00</td><td>47.47</td><td>54.00</td><td>-6.53</td><td>42.86</td><td>32.86</td><td>8.58</td><td>36.83</td><td>0.00</td><td>300 126 Average</td></tr><tr><td>4 6154.00</td><td>59.08</td><td>68.20</td><td>-9.12</td><td>52.42</td><td>34.20</td><td>9.14</td><td>36.68</td><td>0.00</td><td>300 118 Peak</td></tr><tr><td>5 11570.00</td><td>50.31</td><td>74.00</td><td>-23.69</td><td>55.53</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>268 0 PEAK</td></tr><tr><td>6 11570.00</td><td>41.11</td><td>54.00</td><td>-12.89</td><td>46.33</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>268 0 Average</td></tr><tr><td>7 17355.00</td><td>56.43</td><td>68.20</td><td>-11.77</td><td>60.77</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>200 360 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1100.00	41.07	74.00	-32.93	48.38	25.86	3.99	37.16	0.00	325 126 Peak	2 5368.00	59.67	74.00	-14.33	55.06	32.86	8.58	36.83	0.00	300 126 Peak	3 5368.00	47.47	54.00	-6.53	42.86	32.86	8.58	36.83	0.00	300 126 Average	4 6154.00	59.08	68.20	-9.12	52.42	34.20	9.14	36.68	0.00	300 118 Peak	5 11570.00	50.31	74.00	-23.69	55.53	38.62	12.63	57.39	0.92	268 0 PEAK	6 11570.00	41.11	54.00	-12.89	46.33	38.62	12.63	57.39	0.92	268 0 Average	7 17355.00	56.43	68.20	-11.77	60.77	38.37	15.54	59.19	0.94	200 360 PEAK
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Mode	2	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	3																																																																																																																																																		
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ANT	1+2																																																																																																																																																		
Pol.	Horizontal																																																																																																																																																		
Peak	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5854.88</td><td>58.21</td><td>111.08</td><td>-52.87</td><td>51.86</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100</td><td>134</td><td>PEAK</td></tr><tr><td>2</td><td>5868.88</td><td>59.97</td><td>109.15</td><td>-49.18</td><td>53.59</td><td>34.24</td><td>8.92</td><td>36.78</td><td>0.00</td><td>100</td><td>134</td><td>PEAK</td></tr><tr><td>3</td><td>5924.38</td><td>54.34</td><td>68.66</td><td>-14.32</td><td>47.82</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100</td><td>134</td><td>PEAK</td></tr><tr><td>4</td><td>5932.25</td><td>55.52</td><td>68.20</td><td>-12.68</td><td>49.02</td><td>34.27</td><td>9.00</td><td>36.77</td><td>0.00</td><td>100</td><td>134</td><td>PEAK</td></tr></table>														Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5854.88	58.21	111.08	-52.87	51.86	34.22	8.91	36.78	0.00	100	134	PEAK	2	5868.88	59.97	109.15	-49.18	53.59	34.24	8.92	36.78	0.00	100	134	PEAK	3	5924.38	54.34	68.66	-14.32	47.82	34.30	8.99	36.77	0.00	100	134	PEAK	4	5932.25	55.52	68.20	-12.68	49.02	34.27	9.00	36.77	0.00	100	134	PEAK	Level (dBuV/m) Date: 2025-06-11 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>111.38</td><td>-----</td><td>-----</td><td>105.13</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100</td><td>134</td><td>PEAK</td></tr></table>														Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	111.38	-----	-----	105.13	34.15	8.88	36.78	0.00	100	134	PEAK
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1	5825.00	111.38	-----	-----	105.13	34.15	8.88	36.78	0.00	100	134	PEAK																																																																																																																																							
Avg	Blank													Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.620kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>104.80</td><td>-----</td><td>-----</td><td>98.55</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100</td><td>134</td><td>AVERAGE</td></tr></table>														Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	104.80	-----	-----	98.55	34.15	8.88	36.78	0.00	100	134	AVERAGE																																																																																
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Mode	3																																																																																																															
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ANT	1+2																																																																																																															
Pol.	Vertical	Fundamental																																																																																																														
Peak	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5854.88</td><td>59.66</td><td>111.08</td><td>-51.42</td><td>53.31</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>400 126 PEAK</td></tr><tr><td>2 5873.88</td><td>53.24</td><td>105.51</td><td>-52.27</td><td>46.79</td><td>34.30</td><td>8.93</td><td>36.78</td><td>0.00</td><td>400 126 PEAK</td></tr><tr><td>3 5924.13</td><td>52.15</td><td>68.84</td><td>-16.69</td><td>45.63</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>400 126 PEAK</td></tr><tr><td>4 5932.75</td><td>53.64</td><td>68.20</td><td>-14.56</td><td>47.14</td><td>34.27</td><td>9.00</td><td>36.77</td><td>0.00</td><td>400 126 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5854.88	59.66	111.08	-51.42	53.31	34.22	8.91	36.78	0.00	400 126 PEAK	2 5873.88	53.24	105.51	-52.27	46.79	34.30	8.93	36.78	0.00	400 126 PEAK	3 5924.13	52.15	68.84	-16.69	45.63	34.30	8.99	36.77	0.00	400 126 PEAK	4 5932.75	53.64	68.20	-14.56	47.14	34.27	9.00	36.77	0.00	400 126 PEAK	Level (dBuV/m) Date: 2025-06-11 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 VERTICAL : 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>110.77</td><td>-----</td><td>-----</td><td>104.52</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>400 126 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5825.00	110.77	-----	-----	104.52	34.15	8.88	36.78	0.00	400 126 PEAK
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																							
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Avg	Blank	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:0.620kHz 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>104.38</td><td>-----</td><td>-----</td><td>98.13</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>400 126 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	dB	cm deg	1 5825.00	104.38	-----	-----	98.13	34.15	8.88	36.78	0.00	400 126 AVERAGE																																																																						
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Peak Avg	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1036.00</td><td>41.37</td><td>74.00</td><td>-32.63</td><td>49.91</td><td>24.93</td><td>3.74</td><td>37.21</td><td>0.00 100 134 Peak</td></tr><tr><td>2</td><td>5416.00</td><td>62.50</td><td>74.00</td><td>-11.50</td><td>57.92</td><td>32.00</td><td>8.61</td><td>36.83</td><td>0.00 100 134 Peak</td></tr><tr><td>3</td><td>5416.00</td><td>50.83</td><td>54.00</td><td>-3.17</td><td>46.25</td><td>32.00</td><td>8.61</td><td>36.83</td><td>0.00 100 134 Average</td></tr><tr><td>4</td><td>6256.00</td><td>64.79</td><td>68.20</td><td>-3.41</td><td>57.04</td><td>34.39</td><td>9.19</td><td>36.63</td><td>0.00 100 123 Peak</td></tr><tr><td>5</td><td>11650.00</td><td>46.40</td><td>74.00</td><td>-27.60</td><td>51.58</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 400 312 PEAK</td></tr><tr><td>6</td><td>11650.00</td><td>37.90</td><td>54.00</td><td>-16.10</td><td>43.00</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 400 312 Average</td></tr><tr><td>7</td><td>17475.00</td><td>53.62</td><td>68.20</td><td>-14.58</td><td>57.71</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94 200 234 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	1036.00	41.37	74.00	-32.63	49.91	24.93	3.74	37.21	0.00 100 134 Peak	2	5416.00	62.50	74.00	-11.50	57.92	32.00	8.61	36.83	0.00 100 134 Peak	3	5416.00	50.83	54.00	-3.17	46.25	32.00	8.61	36.83	0.00 100 134 Average	4	6256.00	64.79	68.20	-3.41	57.04	34.39	9.19	36.63	0.00 100 123 Peak	5	11650.00	46.40	74.00	-27.60	51.58	38.55	12.68	57.34	0.93 400 312 PEAK	6	11650.00	37.90	54.00	-16.10	43.00	38.55	12.68	57.34	0.93 400 312 Average	7	17475.00	53.62	68.20	-14.58	57.71	38.50	15.61	59.14	0.94 200 234 PEAK	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1198.00</td><td>38.15</td><td>74.00</td><td>-35.85</td><td>45.39</td><td>25.90</td><td>4.02</td><td>37.16</td><td>0.00 400 126 Peak</td></tr><tr><td>2</td><td>5422.00</td><td>60.41</td><td>74.00</td><td>-13.59</td><td>55.83</td><td>32.80</td><td>8.61</td><td>36.83</td><td>0.00 400 134 Peak</td></tr><tr><td>3</td><td>5422.00</td><td>47.44</td><td>54.00</td><td>-6.56</td><td>42.86</td><td>32.80</td><td>8.61</td><td>36.83</td><td>0.00 400 134 Average</td></tr><tr><td>4</td><td>6232.00</td><td>61.67</td><td>68.20</td><td>-6.53</td><td>54.00</td><td>34.33</td><td>9.18</td><td>36.64</td><td>0.00 400 134 Peak</td></tr><tr><td>5</td><td>11650.00</td><td>48.85</td><td>74.00</td><td>-25.15</td><td>54.03</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 256 0 PEAK</td></tr><tr><td>6</td><td>11650.00</td><td>40.70</td><td>54.00</td><td>-13.30</td><td>45.88</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 256 0 Average</td></tr><tr><td>7</td><td>17475.00</td><td>57.19</td><td>68.20</td><td>-11.01</td><td>61.28</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94 200 0 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	1198.00	38.15	74.00	-35.85	45.39	25.90	4.02	37.16	0.00 400 126 Peak	2	5422.00	60.41	74.00	-13.59	55.83	32.80	8.61	36.83	0.00 400 134 Peak	3	5422.00	47.44	54.00	-6.56	42.86	32.80	8.61	36.83	0.00 400 134 Average	4	6232.00	61.67	68.20	-6.53	54.00	34.33	9.18	36.64	0.00 400 134 Peak	5	11650.00	48.85	74.00	-25.15	54.03	38.55	12.68	57.34	0.93 256 0 PEAK	6	11650.00	40.70	54.00	-13.30	45.88	38.55	12.68	57.34	0.93 256 0 Average	7	17475.00	57.19	68.20	-11.01	61.28	38.50	15.61	59.14	0.94 200 0 PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
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Mode	3	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	4																																																																																																																																											
	Band Edge																																																																																																																																											
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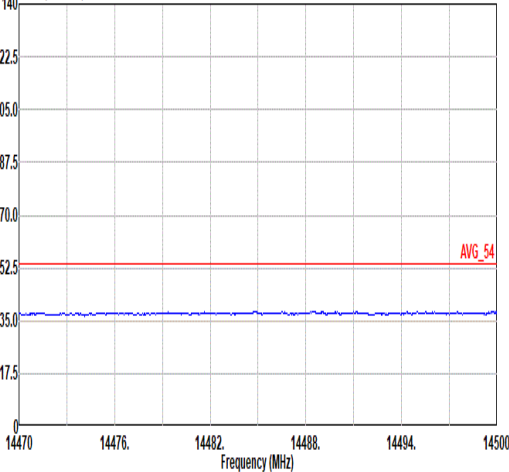
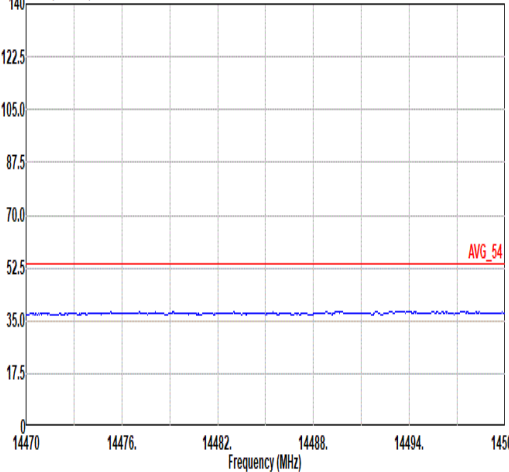
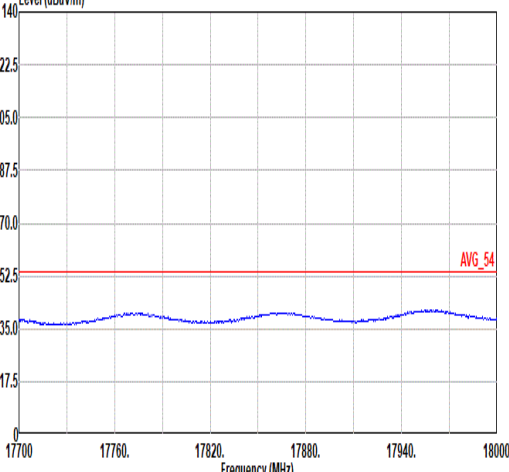
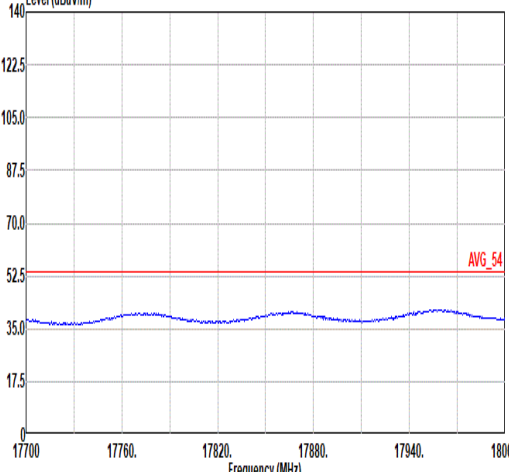


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Peak Avg	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>1042.00</td><td>42.45</td><td>74.00</td><td>-31.55</td><td>50.99</td><td>24.92</td><td>3.75</td><td>37.21</td><td>0.00</td><td>101</td><td>129</td><td>Peak</td></tr><tr><td>2</td><td>5356.00</td><td>62.32</td><td>74.00</td><td>-11.68</td><td>57.69</td><td>32.89</td><td>8.57</td><td>36.83</td><td>0.00</td><td>100</td><td>126</td><td>Peak</td></tr><tr><td>3</td><td>5356.00</td><td>50.04</td><td>54.00</td><td>-3.96</td><td>45.41</td><td>32.89</td><td>8.57</td><td>36.83</td><td>0.00</td><td>100</td><td>126</td><td>Average</td></tr><tr><td>4</td><td>6166.00</td><td>63.25</td><td>68.20</td><td>-4.95</td><td>56.59</td><td>34.20</td><td>9.14</td><td>36.68</td><td>0.00</td><td>100</td><td>123</td><td>Peak</td></tr><tr><td>5</td><td>11490.00</td><td>49.09</td><td>74.00</td><td>-24.91</td><td>54.12</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>400</td><td>313</td><td>PEAK</td></tr><tr><td>6</td><td>11490.00</td><td>38.27</td><td>54.00</td><td>-15.73</td><td>43.30</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>400</td><td>313</td><td>Average</td></tr><tr><td>7</td><td>17235.00</td><td>57.69</td><td>68.20</td><td>-10.51</td><td>62.33</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>200</td><td>238</td><td>PEAK</td></tr></table> Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>1144.00</td><td>40.79</td><td>74.00</td><td>-33.21</td><td>48.31</td><td>25.73</td><td>3.92</td><td>37.17</td><td>0.00</td><td>300</td><td>129</td><td>Peak</td></tr><tr><td>2</td><td>5368.00</td><td>57.76</td><td>74.00</td><td>-16.24</td><td>53.15</td><td>32.86</td><td>8.58</td><td>36.83</td><td>0.00</td><td>300</td><td>127</td><td>Peak</td></tr><tr><td>3</td><td>5368.00</td><td>45.41</td><td>54.00</td><td>-8.59</td><td>40.80</td><td>32.86</td><td>8.58</td><td>36.83</td><td>0.00</td><td>300</td><td>127</td><td>Average</td></tr><tr><td>4</td><td>6148.00</td><td>60.42</td><td>68.20</td><td>-7.78</td><td>53.77</td><td>34.20</td><td>9.14</td><td>36.69</td><td>0.00</td><td>100</td><td>40</td><td>Peak</td></tr><tr><td>5</td><td>11490.00</td><td>49.45</td><td>74.00</td><td>-24.55</td><td>54.48</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>223</td><td>0</td><td>PEAK</td></tr><tr><td>6</td><td>11490.00</td><td>40.79</td><td>54.00</td><td>-13.21</td><td>45.82</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>223</td><td>0</td><td>Average</td></tr><tr><td>7</td><td>17235.00</td><td>63.40</td><td>68.20</td><td>-4.80</td><td>68.04</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>200</td><td>0</td><td>PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1	1042.00	42.45	74.00	-31.55	50.99	24.92	3.75	37.21	0.00	101	129	Peak	2	5356.00	62.32	74.00	-11.68	57.69	32.89	8.57	36.83	0.00	100	126	Peak	3	5356.00	50.04	54.00	-3.96	45.41	32.89	8.57	36.83	0.00	100	126	Average	4	6166.00	63.25	68.20	-4.95	56.59	34.20	9.14	36.68	0.00	100	123	Peak	5	11490.00	49.09	74.00	-24.91	54.12	38.91	12.58	57.44	0.92	400	313	PEAK	6	11490.00	38.27	54.00	-15.73	43.30	38.91	12.58	57.44	0.92	400	313	Average	7	17235.00	57.69	68.20	-10.51	62.33	38.20	15.47	59.25	0.94	200	238	PEAK		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1	1144.00	40.79	74.00	-33.21	48.31	25.73	3.92	37.17	0.00	300	129	Peak	2	5368.00	57.76	74.00	-16.24	53.15	32.86	8.58	36.83	0.00	300	127	Peak	3	5368.00	45.41	54.00	-8.59	40.80	32.86	8.58	36.83	0.00	300	127	Average	4	6148.00	60.42	68.20	-7.78	53.77	34.20	9.14	36.69	0.00	100	40	Peak	5	11490.00	49.45	74.00	-24.55	54.48	38.91	12.58	57.44	0.92	223	0	PEAK	6	11490.00	40.79	54.00	-13.21	45.82	38.91	12.58	57.44	0.92	223	0	Average	7	17235.00	63.40	68.20	-4.80	68.04	38.20	15.47	59.25	0.94	200	0	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																									
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2	5356.00	62.32	74.00	-11.68	57.69	32.89	8.57	36.83	0.00	100	126	Peak																																																																																																																																																																																																																																							
3	5356.00	50.04	54.00	-3.96	45.41	32.89	8.57	36.83	0.00	100	126	Average																																																																																																																																																																																																																																							
4	6166.00	63.25	68.20	-4.95	56.59	34.20	9.14	36.68	0.00	100	123	Peak																																																																																																																																																																																																																																							
5	11490.00	49.09	74.00	-24.91	54.12	38.91	12.58	57.44	0.92	400	313	PEAK																																																																																																																																																																																																																																							
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4	6148.00	60.42	68.20	-7.78	53.77	34.20	9.14	36.69	0.00	100	40	Peak																																																																																																																																																																																																																																							
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Mode	4	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH149_5745MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



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Mode	Band Edge - L																																																																																																																																								
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz																																																																																																																																								
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Peak	Level (dBuV/m) Date: 2025-05-22 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>5649.48</td><td>53.54</td><td>68.20</td><td>-14.66</td><td>48.36</td><td>33.30</td><td>8.68</td><td>36.80</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>2</td><td>5650.32</td><td>53.37</td><td>68.44</td><td>-15.07</td><td>48.18</td><td>33.30</td><td>8.69</td><td>36.80</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>3</td><td>5703.05</td><td>57.01</td><td>106.05</td><td>-49.04</td><td>51.36</td><td>33.71</td><td>8.74</td><td>36.80</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>4</td><td>5721.18</td><td>56.51</td><td>113.48</td><td>-56.97</td><td>50.80</td><td>33.74</td><td>8.76</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1	5649.48	53.54	68.20	-14.66	48.36	33.30	8.68	36.80	0.00	100	135	PEAK	2	5650.32	53.37	68.44	-15.07	48.18	33.30	8.69	36.80	0.00	100	135	PEAK	3	5703.05	57.01	106.05	-49.04	51.36	33.71	8.74	36.80	0.00	100	135	PEAK	4	5721.18	56.51	113.48	-56.97	50.80	33.74	8.76	36.79	0.00	100	135	PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNI) Site : 03CH15-HY Condition: PEAK(UNI) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>5785.00</td><td>111.10</td><td>-----</td><td>-----</td><td>105.05</td><td>34.01</td><td>8.83</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1	5785.00	111.10	-----	-----	105.05	34.01	8.83	36.79	0.00	100	135	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																															
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Avg	Blank						Level (dBuV/m) Date: 2025-05-22 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.220kHz 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>5785.00</td><td>104.08</td><td>-----</td><td>-----</td><td>98.00</td><td>34.03</td><td>8.84</td><td>36.79</td><td>0.00</td><td>100</td><td>135</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	dB	cm	1	5785.00	104.08	-----	-----	98.00	34.03	8.84	36.79	0.00	100	135	AVERAGE																																																																																		
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Mode	5																																																																																	
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Peak	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5854.96</td><td>54.90</td><td>110.89</td><td>-55.99</td><td>48.55</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>2</td><td>5870.80</td><td>56.58</td><td>106.37</td><td>-49.79</td><td>50.15</td><td>34.28</td><td>8.93</td><td>36.78</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>3</td><td>5924.59</td><td>53.36</td><td>68.50</td><td>-15.14</td><td>46.04</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>4</td><td>5932.35</td><td>53.65</td><td>68.20</td><td>-14.55</td><td>47.15</td><td>34.27</td><td>9.00</td><td>36.77</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	5854.96	54.90	110.89	-55.99	48.55	34.22	8.91	36.78	0.00	100	135	PEAK	2	5870.80	56.58	106.37	-49.79	50.15	34.28	8.93	36.78	0.00	100	135	PEAK	3	5924.59	53.36	68.50	-15.14	46.04	34.30	8.99	36.77	0.00	100	135	PEAK	4	5932.35	53.65	68.20	-14.55	47.15	34.27	9.00	36.77	0.00	100	135	PEAK	Blank
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																					
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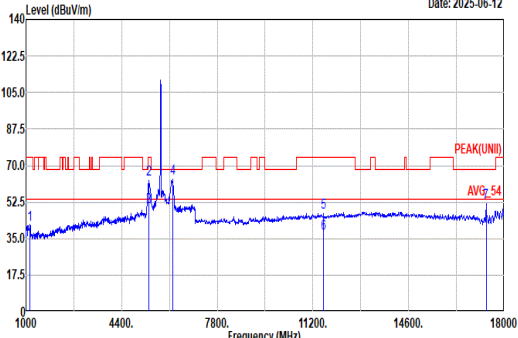
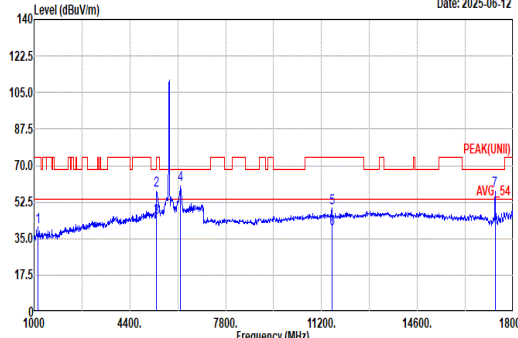


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Peak	Level (dBuV/m) Date: 2025-05-22 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5648.29</td><td>51.70</td><td>68.20</td><td>-16.50</td><td>46.53</td><td>33.29</td><td>8.68</td><td>36.80</td><td>0.00 364 125 PEAK</td></tr><tr><td>2</td><td>5650.69</td><td>51.05</td><td>68.71</td><td>-17.66</td><td>45.85</td><td>33.31</td><td>8.69</td><td>36.80</td><td>0.00 364 125 PEAK</td></tr><tr><td>3</td><td>5701.75</td><td>54.00</td><td>105.69</td><td>-51.69</td><td>48.36</td><td>33.70</td><td>8.74</td><td>36.80</td><td>0.00 364 125 PEAK</td></tr><tr><td>4</td><td>5720.25</td><td>53.43</td><td>111.37</td><td>-57.94</td><td>47.72</td><td>33.74</td><td>8.76</td><td>36.79</td><td>0.00 364 125 PEAK</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	5648.29	51.70	68.20	-16.50	46.53	33.29	8.68	36.80	0.00 364 125 PEAK	2	5650.69	51.05	68.71	-17.66	45.85	33.31	8.69	36.80	0.00 364 125 PEAK	3	5701.75	54.00	105.69	-51.69	48.36	33.70	8.74	36.80	0.00 364 125 PEAK	4	5720.25	53.43	111.37	-57.94	47.72	33.74	8.76	36.79	0.00 364 125 PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNII) Site : 03CH15-HY Condition: PEAK(UNII)_3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT: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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5785.00</td><td>111.16</td><td>-----</td><td>-----</td><td>105.11</td><td>34.01</td><td>8.83</td><td>36.79</td><td>0.00 364 125 PEAK</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	5785.00	111.16	-----	-----	105.11	34.01	8.83	36.79	0.00 364 125 PEAK
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Avg	Blank					Level (dBuV/m) Date: 2025-05-22 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:0.220kHz SWT: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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5785.00</td><td>103.47</td><td>-----</td><td>-----</td><td>97.44</td><td>33.99</td><td>8.83</td><td>36.79</td><td>0.00 364 125 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	dB	cm deg	1	5785.00	103.47	-----	-----	97.44	33.99	8.83	36.79	0.00 364 125 AVERAGE																																																																						
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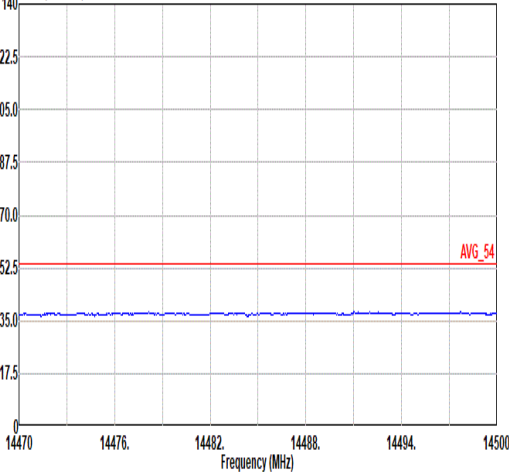
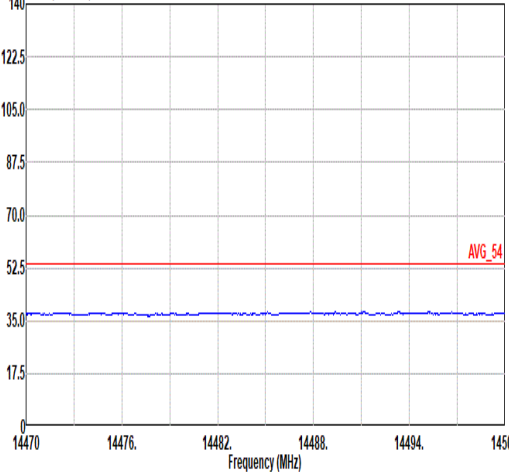
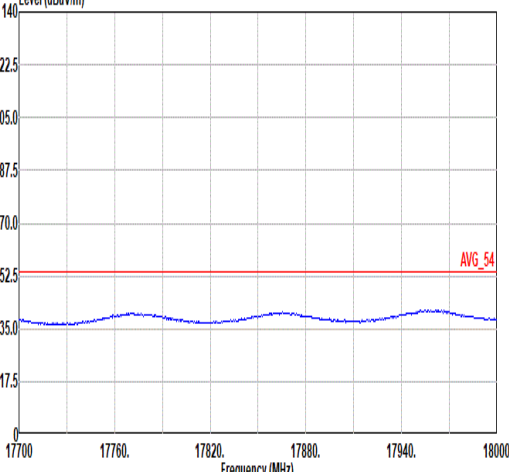
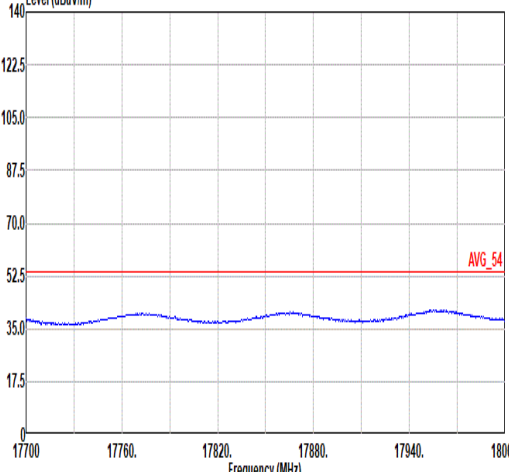


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	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																					
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Peak Avg	Level (dBuV/m) Date: 2025-06-12  Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1138.00</td><td>41.62</td><td>74.00</td><td>-32.38</td><td>49.23</td><td>25.66</td><td>3.91</td><td>37.18</td><td>0.00</td><td>100 135 Peak</td></tr><tr><td>2 5380.00</td><td>63.53</td><td>74.00</td><td>-10.47</td><td>58.93</td><td>32.84</td><td>8.59</td><td>36.83</td><td>0.00</td><td>100 124 Peak</td></tr><tr><td>3 5380.00</td><td>50.39</td><td>54.00</td><td>-3.61</td><td>45.79</td><td>32.84</td><td>8.59</td><td>36.83</td><td>0.00</td><td>100 124 Average</td></tr><tr><td>4 6208.00</td><td>64.07</td><td>68.20</td><td>-4.13</td><td>57.34</td><td>34.23</td><td>9.16</td><td>36.66</td><td>0.00</td><td>100 127 Peak</td></tr><tr><td>5 11570.00</td><td>47.43</td><td>74.00</td><td>-26.57</td><td>52.65</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>400 314 PEAK</td></tr><tr><td>6 11570.00</td><td>37.74</td><td>54.00</td><td>-16.26</td><td>42.96</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>400 314 Average</td></tr><tr><td>7 17355.00</td><td>52.35</td><td>68.20</td><td>-15.85</td><td>56.69</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>200 236 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1138.00	41.62	74.00	-32.38	49.23	25.66	3.91	37.18	0.00	100 135 Peak	2 5380.00	63.53	74.00	-10.47	58.93	32.84	8.59	36.83	0.00	100 124 Peak	3 5380.00	50.39	54.00	-3.61	45.79	32.84	8.59	36.83	0.00	100 124 Average	4 6208.00	64.07	68.20	-4.13	57.34	34.23	9.16	36.66	0.00	100 127 Peak	5 11570.00	47.43	74.00	-26.57	52.65	38.62	12.63	57.39	0.92	400 314 PEAK	6 11570.00	37.74	54.00	-16.26	42.96	38.62	12.63	57.39	0.92	400 314 Average	7 17355.00	52.35	68.20	-15.85	56.69	38.37	15.54	59.19	0.94	200 236 PEAK	Level (dBuV/m) Date: 2025-06-12  Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1138.00</td><td>40.74</td><td>74.00</td><td>-33.26</td><td>48.35</td><td>25.66</td><td>3.91</td><td>37.18</td><td>0.00</td><td>364 125 Peak</td></tr><tr><td>2 5350.00</td><td>58.01</td><td>68.20</td><td>-10.19</td><td>53.37</td><td>32.90</td><td>8.57</td><td>36.83</td><td>0.00</td><td>327 121 Peak</td></tr><tr><td>3 5350.00</td><td>44.91</td><td>54.00</td><td>-9.09</td><td>61.75</td><td>32.90</td><td>8.57</td><td>58.31</td><td>0.00</td><td>327 121 AVERAGE</td></tr><tr><td>4 6202.00</td><td>60.82</td><td>68.20</td><td>-7.38</td><td>54.11</td><td>34.21</td><td>9.16</td><td>36.66</td><td>0.00</td><td>100 43 Peak</td></tr><tr><td>5 11570.00</td><td>49.43</td><td>74.00</td><td>-24.57</td><td>54.65</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>209 0 PEAK</td></tr><tr><td>6 11570.00</td><td>39.77</td><td>54.00</td><td>-14.23</td><td>44.99</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>209 0 Average</td></tr><tr><td>7 17355.00</td><td>58.22</td><td>68.20</td><td>-9.98</td><td>62.56</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>200 0 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1138.00	40.74	74.00	-33.26	48.35	25.66	3.91	37.18	0.00	364 125 Peak	2 5350.00	58.01	68.20	-10.19	53.37	32.90	8.57	36.83	0.00	327 121 Peak	3 5350.00	44.91	54.00	-9.09	61.75	32.90	8.57	58.31	0.00	327 121 AVERAGE	4 6202.00	60.82	68.20	-7.38	54.11	34.21	9.16	36.66	0.00	100 43 Peak	5 11570.00	49.43	74.00	-24.57	54.65	38.62	12.63	57.39	0.92	209 0 PEAK	6 11570.00	39.77	54.00	-14.23	44.99	38.62	12.63	57.39	0.92	209 0 Average	7 17355.00	58.22	68.20	-9.98	62.56	38.37	15.54	59.19	0.94	200 0 PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																
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Mode	5	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH157_5785MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	6																																																																																																																																						
	Band Edge																																																																																																																																						
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz																																																																																																																																						
ANT	1+2																																																																																																																																						
Pol.	Horizontal							Fundamental																																																																																																																															
Peak	Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5854.38</td><td>68.88</td><td>112.22</td><td>-51.34</td><td>54.53</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100</td><td>128</td><td>PEAK</td></tr><tr><td>2</td><td>5855.00</td><td>59.40</td><td>110.80</td><td>-51.40</td><td>53.05</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100</td><td>128</td><td>PEAK</td></tr><tr><td>3</td><td>5923.25</td><td>56.52</td><td>69.49</td><td>-12.97</td><td>49.99</td><td>34.31</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100</td><td>128</td><td>PEAK</td></tr><tr><td>4</td><td>5929.13</td><td>55.04</td><td>68.20</td><td>-13.16</td><td>48.54</td><td>34.28</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100</td><td>128</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5854.38	68.88	112.22	-51.34	54.53	34.22	8.91	36.78	0.00	100	128	PEAK	2	5855.00	59.40	110.80	-51.40	53.05	34.22	8.91	36.78	0.00	100	128	PEAK	3	5923.25	56.52	69.49	-12.97	49.99	34.31	8.99	36.77	0.00	100	128	PEAK	4	5929.13	55.04	68.20	-13.16	48.54	34.28	8.99	36.77	0.00	100	128	PEAK	Level (dBuV/m) Date: 2025-06-11 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>111.11</td><td>-----</td><td>-----</td><td>104.86</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100</td><td>128</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	111.11	-----	-----	104.86	34.15	8.88	36.78	0.00	100	128	PEAK
		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																									
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2	5855.00	59.40	110.80	-51.40	53.05	34.22	8.91	36.78	0.00	100	128	PEAK																																																																																																																											
3	5923.25	56.52	69.49	-12.97	49.99	34.31	8.99	36.77	0.00	100	128	PEAK																																																																																																																											
4	5929.13	55.04	68.20	-13.16	48.54	34.28	8.99	36.77	0.00	100	128	PEAK																																																																																																																											
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Avg	Blank							Level (dBuV/m) Date: 2025-05-22 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.220kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>103.98</td><td>-----</td><td>-----</td><td>97.72</td><td>34.16</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100</td><td>128</td><td>AVERAGE</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	103.98	-----	-----	97.72	34.16	8.88	36.78	0.00	100	128	AVERAGE																																																																																
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Mode	6																																																																																																																																						
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	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz																																																																																																																																						
ANT	1+2																																																																																																																																						
Pol.	Vertical							Fundamental																																																																																																																															
Peak	Level (dBuV/m) Date: 2025-05-22 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5855.00</td><td>53.57</td><td>110.80</td><td>-57.23</td><td>47.22</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>400</td><td>127</td><td>PEAK</td></tr><tr><td>2</td><td>5859.50</td><td>55.58</td><td>109.54</td><td>-53.96</td><td>49.20</td><td>34.24</td><td>8.92</td><td>36.78</td><td>0.00</td><td>400</td><td>127</td><td>PEAK</td></tr><tr><td>3</td><td>5925.00</td><td>51.16</td><td>68.20</td><td>-17.04</td><td>44.64</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>400</td><td>127</td><td>PEAK</td></tr><tr><td>4</td><td>5929.88</td><td>53.63</td><td>68.20</td><td>-14.57</td><td>47.13</td><td>34.28</td><td>8.99</td><td>36.77</td><td>0.00</td><td>400</td><td>127</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5855.00	53.57	110.80	-57.23	47.22	34.22	8.91	36.78	0.00	400	127	PEAK	2	5859.50	55.58	109.54	-53.96	49.20	34.24	8.92	36.78	0.00	400	127	PEAK	3	5925.00	51.16	68.20	-17.04	44.64	34.30	8.99	36.77	0.00	400	127	PEAK	4	5929.88	53.63	68.20	-14.57	47.13	34.28	8.99	36.77	0.00	400	127	PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNII) Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>110.22</td><td>-----</td><td>-----</td><td>103.97</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>400</td><td>127</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	110.22	-----	-----	103.97	34.15	8.88	36.78	0.00	400	127	PEAK
		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																									
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1	5825.00	110.22	-----	-----	103.97	34.15	8.88	36.78	0.00	400	127	PEAK																																																																																																																											
Avg	Blank							Level (dBuV/m) Date: 2025-05-22 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:0.220kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5825.00</td><td>104.00</td><td>-----</td><td>-----</td><td>97.75</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>400</td><td>127</td><td>AVERAGE</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5825.00	104.00	-----	-----	97.75	34.15	8.88	36.78	0.00	400	127	AVERAGE																																																																																
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																																										
1	5825.00	104.00	-----	-----	97.75	34.15	8.88	36.78	0.00	400	127	AVERAGE																																																																																																																											



Mode	6																																																																																																																																																																																																									
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Pol.	Horizontal	Vertical																																																																																																																																																																																																								
Peak	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1102.00</td><td>41.26</td><td>74.00</td><td>-32.74</td><td>49.38</td><td>25.22</td><td>3.85</td><td>37.19</td><td>0.00 100 128 Peak</td></tr><tr><td>2</td><td>5404.00</td><td>63.45</td><td>74.00</td><td>-10.55</td><td>58.87</td><td>32.00</td><td>8.61</td><td>36.83</td><td>0.00 100 124 Peak</td></tr><tr><td>3</td><td>5404.00</td><td>50.34</td><td>54.00</td><td>-3.66</td><td>45.76</td><td>32.00</td><td>8.61</td><td>36.83</td><td>0.00 100 124 Average</td></tr><tr><td>4</td><td>6238.00</td><td>64.76</td><td>68.20</td><td>-3.44</td><td>57.87</td><td>34.35</td><td>9.18</td><td>36.64</td><td>0.00 100 126 Peak</td></tr><tr><td>5</td><td>11650.00</td><td>48.25</td><td>74.00</td><td>-25.75</td><td>53.43</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 400 304 PEAK</td></tr><tr><td>6</td><td>11650.00</td><td>39.01</td><td>54.00</td><td>-14.99</td><td>44.19</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 400 304 Average</td></tr><tr><td>7</td><td>17475.00</td><td>55.79</td><td>68.20</td><td>-12.41</td><td>59.88</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94 200 234 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	1102.00	41.26	74.00	-32.74	49.38	25.22	3.85	37.19	0.00 100 128 Peak	2	5404.00	63.45	74.00	-10.55	58.87	32.00	8.61	36.83	0.00 100 124 Peak	3	5404.00	50.34	54.00	-3.66	45.76	32.00	8.61	36.83	0.00 100 124 Average	4	6238.00	64.76	68.20	-3.44	57.87	34.35	9.18	36.64	0.00 100 126 Peak	5	11650.00	48.25	74.00	-25.75	53.43	38.55	12.68	57.34	0.93 400 304 PEAK	6	11650.00	39.01	54.00	-14.99	44.19	38.55	12.68	57.34	0.93 400 304 Average	7	17475.00	55.79	68.20	-12.41	59.88	38.50	15.61	59.14	0.94 200 234 PEAK	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1078.00</td><td>39.41</td><td>74.00</td><td>-34.59</td><td>47.73</td><td>25.07</td><td>3.81</td><td>37.20</td><td>0.00 400 127 Peak</td></tr><tr><td>2</td><td>5392.00</td><td>59.49</td><td>74.00</td><td>-14.51</td><td>54.90</td><td>32.82</td><td>8.60</td><td>36.83</td><td>0.00 337 122 Peak</td></tr><tr><td>3</td><td>5392.00</td><td>45.67</td><td>54.00</td><td>-8.33</td><td>41.08</td><td>32.82</td><td>8.60</td><td>36.83</td><td>0.00 337 122 Average</td></tr><tr><td>4</td><td>6220.00</td><td>61.49</td><td>68.20</td><td>-6.71</td><td>54.69</td><td>34.28</td><td>9.17</td><td>36.65</td><td>0.00 100 34 Peak</td></tr><tr><td>5</td><td>11650.00</td><td>55.07</td><td>74.00</td><td>-18.93</td><td>60.25</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 200 206 PEAK</td></tr><tr><td>6</td><td>11650.00</td><td>42.87</td><td>54.00</td><td>-11.13</td><td>48.05</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93 200 206 Average</td></tr><tr><td>7</td><td>17475.00</td><td>55.97</td><td>68.20</td><td>-12.23</td><td>60.06</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94 200 0 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	1078.00	39.41	74.00	-34.59	47.73	25.07	3.81	37.20	0.00 400 127 Peak	2	5392.00	59.49	74.00	-14.51	54.90	32.82	8.60	36.83	0.00 337 122 Peak	3	5392.00	45.67	54.00	-8.33	41.08	32.82	8.60	36.83	0.00 337 122 Average	4	6220.00	61.49	68.20	-6.71	54.69	34.28	9.17	36.65	0.00 100 34 Peak	5	11650.00	55.07	74.00	-18.93	60.25	38.55	12.68	57.34	0.93 200 206 PEAK	6	11650.00	42.87	54.00	-11.13	48.05	38.55	12.68	57.34	0.93 200 206 Average	7	17475.00	55.97	68.20	-12.23	60.06	38.50	15.61	59.14	0.94 200 0 PEAK
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
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Mode	6	
	Harmonic	
	U-NII-3_5.725-5.85_802.11n HT20_CH165_5825MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



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Pol.	Horizontal							Fundamental																																																																																																																																				
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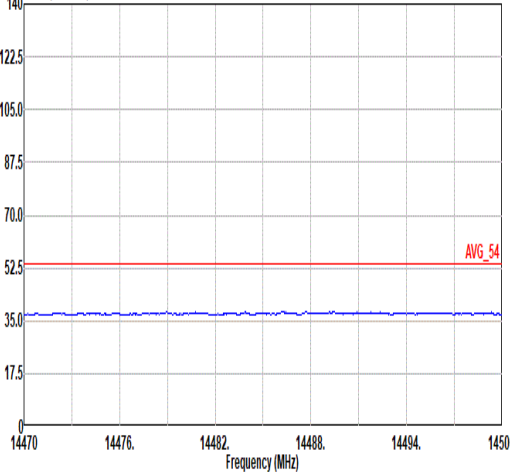
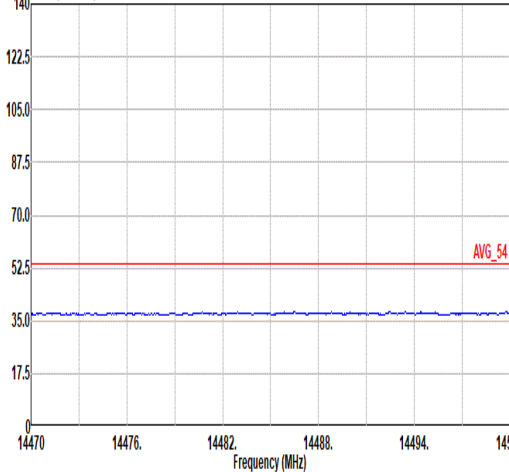
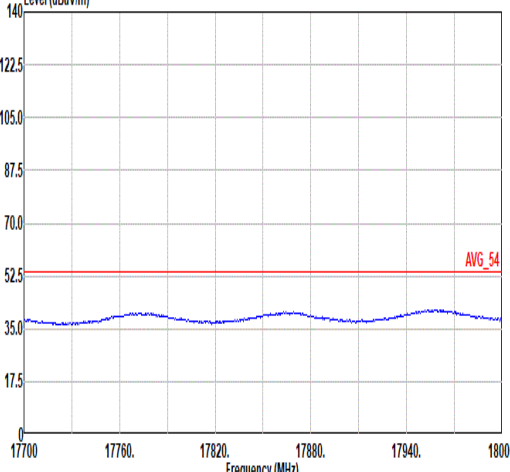
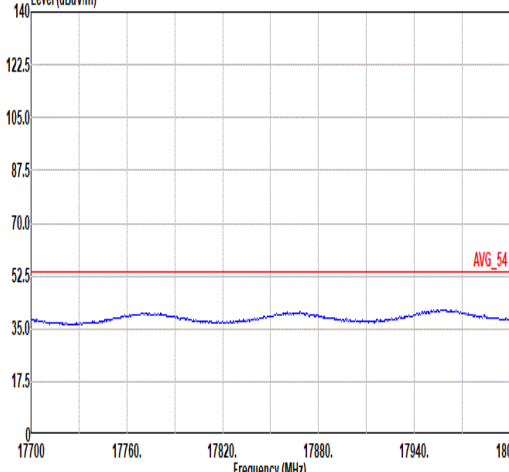


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Peak Avg	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</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>1102.00</td><td>42.55</td><td>74.00</td><td>-31.45</td><td>50.67</td><td>25.22</td><td>3.85</td><td>37.19</td><td>0.00</td><td>101</td><td>132</td><td>Peak</td></tr><tr><td>2</td><td>5308.00</td><td>60.08</td><td>68.20</td><td>-8.12</td><td>55.48</td><td>32.90</td><td>8.54</td><td>36.84</td><td>0.00</td><td>100</td><td>128</td><td>Peak</td></tr><tr><td>3</td><td>6160.00</td><td>61.90</td><td>68.20</td><td>-6.30</td><td>55.24</td><td>34.20</td><td>9.14</td><td>36.68</td><td>0.00</td><td>100</td><td>116</td><td>Peak</td></tr><tr><td>4</td><td>11490.00</td><td>47.89</td><td>74.00</td><td>-26.11</td><td>52.92</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>400</td><td>316</td><td>PEAK</td></tr><tr><td>5</td><td>11490.00</td><td>38.42</td><td>54.00</td><td>-15.58</td><td>43.45</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>400</td><td>316</td><td>Average</td></tr><tr><td>6</td><td>17235.00</td><td>58.30</td><td>68.20</td><td>-9.90</td><td>62.94</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>200</td><td>237</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	1102.00	42.55	74.00	-31.45	50.67	25.22	3.85	37.19	0.00	101	132	Peak	2	5308.00	60.08	68.20	-8.12	55.48	32.90	8.54	36.84	0.00	100	128	Peak	3	6160.00	61.90	68.20	-6.30	55.24	34.20	9.14	36.68	0.00	100	116	Peak	4	11490.00	47.89	74.00	-26.11	52.92	38.91	12.58	57.44	0.92	400	316	PEAK	5	11490.00	38.42	54.00	-15.58	43.45	38.91	12.58	57.44	0.92	400	316	Average	6	17235.00	58.30	68.20	-9.90	62.94	38.20	15.47	59.25	0.94	200	237	PEAK	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>1216.00</td><td>39.09</td><td>74.00</td><td>-34.91</td><td>46.33</td><td>25.87</td><td>4.04</td><td>37.15</td><td>0.00</td><td>330</td><td>129</td><td>Peak</td></tr><tr><td>2</td><td>5338.00</td><td>57.34</td><td>68.20</td><td>-10.86</td><td>52.71</td><td>32.90</td><td>8.56</td><td>36.83</td><td>0.00</td><td>300</td><td>123</td><td>Peak</td></tr><tr><td>3</td><td>6130.00</td><td>59.66</td><td>68.20</td><td>-8.54</td><td>53.06</td><td>34.16</td><td>9.13</td><td>36.69</td><td>0.00</td><td>100</td><td>18</td><td>Peak</td></tr><tr><td>4</td><td>11490.00</td><td>50.43</td><td>74.00</td><td>-23.57</td><td>55.46</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>277</td><td>0</td><td>PEAK</td></tr><tr><td>5</td><td>11490.00</td><td>41.04</td><td>54.00</td><td>-12.96</td><td>46.07</td><td>38.91</td><td>12.58</td><td>57.44</td><td>0.92</td><td>277</td><td>0</td><td>Average</td></tr><tr><td>6</td><td>17235.00</td><td>63.17</td><td>68.20</td><td>-5.03</td><td>67.81</td><td>38.20</td><td>15.47</td><td>59.25</td><td>0.94</td><td>200</td><td>0</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	1216.00	39.09	74.00	-34.91	46.33	25.87	4.04	37.15	0.00	330	129	Peak	2	5338.00	57.34	68.20	-10.86	52.71	32.90	8.56	36.83	0.00	300	123	Peak	3	6130.00	59.66	68.20	-8.54	53.06	34.16	9.13	36.69	0.00	100	18	Peak	4	11490.00	50.43	74.00	-23.57	55.46	38.91	12.58	57.44	0.92	277	0	PEAK	5	11490.00	41.04	54.00	-12.96	46.07	38.91	12.58	57.44	0.92	277	0	Average	6	17235.00	63.17	68.20	-5.03	67.81	38.20	15.47	59.25	0.94	200	0	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																		
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1	1102.00	42.55	74.00	-31.45	50.67	25.22	3.85	37.19	0.00	101	132	Peak																																																																																																																																																																																																																
2	5308.00	60.08	68.20	-8.12	55.48	32.90	8.54	36.84	0.00	100	128	Peak																																																																																																																																																																																																																
3	6160.00	61.90	68.20	-6.30	55.24	34.20	9.14	36.68	0.00	100	116	Peak																																																																																																																																																																																																																
4	11490.00	47.89	74.00	-26.11	52.92	38.91	12.58	57.44	0.92	400	316	PEAK																																																																																																																																																																																																																
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1	1216.00	39.09	74.00	-34.91	46.33	25.87	4.04	37.15	0.00	330	129	Peak																																																																																																																																																																																																																
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3	6130.00	59.66	68.20	-8.54	53.06	34.16	9.13	36.69	0.00	100	18	Peak																																																																																																																																																																																																																
4	11490.00	50.43	74.00	-23.57	55.46	38.91	12.58	57.44	0.92	277	0	PEAK																																																																																																																																																																																																																
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Mode	7	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	8																																																																																																																																
	Band Edge																																																																																																																																
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial_106/53RU_5745MHz																																																																																																																																
ANT	1+2																																																																																																																																
Pol.	Horizontal						Fundamental																																																																																																																										
Peak	Level (dBuV/m) Date: 2025-05-27 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5648.72</td><td>66.77</td><td>68.20</td><td>-1.43</td><td>61.60</td><td>33.29</td><td>8.68</td><td>36.80</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>2</td><td>5650.32</td><td>66.37</td><td>68.43</td><td>-2.06</td><td>61.18</td><td>33.30</td><td>8.69</td><td>36.80</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>3</td><td>5715.57</td><td>86.58</td><td>109.56</td><td>-22.98</td><td>80.88</td><td>33.73</td><td>8.76</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr><tr><td>4</td><td>5720.06</td><td>83.46</td><td>110.94</td><td>-27.48</td><td>77.75</td><td>33.74</td><td>8.76</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr></table>							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	dB	cm	deg	1	5648.72	66.77	68.20	-1.43	61.60	33.29	8.68	36.80	0.00	100	135	PEAK	2	5650.32	66.37	68.43	-2.06	61.18	33.30	8.69	36.80	0.00	100	135	PEAK	3	5715.57	86.58	109.56	-22.98	80.88	33.73	8.76	36.79	0.00	100	135	PEAK	4	5720.06	83.46	110.94	-27.48	77.75	33.74	8.76	36.79	0.00	100	135	PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNII) Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>112.92</td><td>-----</td><td>-----</td><td>107.13</td><td>33.79</td><td>8.79</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>PEAK</td></tr></table>							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	dB	cm	deg	1	5745.00	112.92	-----	-----	107.13	33.79	8.79	36.79	0.00	100	135	PEAK
		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																																																																				
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1	5648.72	66.77	68.20	-1.43	61.60	33.29	8.68	36.80	0.00	100	135	PEAK																																																																																																																					
2	5650.32	66.37	68.43	-2.06	61.18	33.30	8.69	36.80	0.00	100	135	PEAK																																																																																																																					
3	5715.57	86.58	109.56	-22.98	80.88	33.73	8.76	36.79	0.00	100	135	PEAK																																																																																																																					
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1	5745.00	112.92	-----	-----	107.13	33.79	8.79	36.79	0.00	100	135	PEAK																																																																																																																					
Avg	Blank						Level (dBuV/m) Date: 2025-05-27 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5745.00</td><td>105.90</td><td>-----</td><td>-----</td><td>100.13</td><td>33.78</td><td>8.78</td><td>36.79</td><td>0.00</td><td>100</td><td>135</td><td>AVERAGE</td></tr></table>							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	dB	cm	deg	1	5745.00	105.90	-----	-----	100.13	33.78	8.78	36.79	0.00	100	135	AVERAGE																																																																														
		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																																																																				
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	8																																																																																																																																
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Peak	Level (dBuV/m) Date: 2025-05-23 PEAK_BE(B4)_16-24 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5647.55</td><td>52.59</td><td>68.20</td><td>-15.61</td><td>47.42</td><td>33.29</td><td>8.68</td><td>36.80</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>2</td><td>5650.32</td><td>51.31</td><td>68.44</td><td>-17.13</td><td>46.12</td><td>33.30</td><td>8.69</td><td>36.80</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>3</td><td>5700.83</td><td>55.46</td><td>105.43</td><td>-49.97</td><td>49.82</td><td>33.70</td><td>8.74</td><td>36.80</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>4</td><td>5720.25</td><td>56.01</td><td>111.37</td><td>-55.36</td><td>50.30</td><td>33.74</td><td>8.76</td><td>36.79</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5647.55	52.59	68.20	-15.61	47.42	33.29	8.68	36.80	0.00	344	125	PEAK	2	5650.32	51.31	68.44	-17.13	46.12	33.30	8.69	36.80	0.00	344	125	PEAK	3	5700.83	55.46	105.43	-49.97	49.82	33.70	8.74	36.80	0.00	344	125	PEAK	4	5720.25	56.01	111.37	-55.36	50.30	33.74	8.76	36.79	0.00	344	125	PEAK	Level (dBuV/m) Date: 2025-06-11 PEAK(UNII) Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5785.00</td><td>110.56</td><td>-----</td><td>-----</td><td>104.51</td><td>34.01</td><td>8.83</td><td>36.79</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5785.00	110.56	-----	-----	104.51	34.01	8.83	36.79	0.00	344	125	PEAK
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																										
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1	5785.00	110.56	-----	-----	104.51	34.01	8.83	36.79	0.00	344	125	PEAK																																																																																																																											
Avg	Blank							Level (dBuV/m) Date: 2025-05-23 AVG_54 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5785.00</td><td>103.04</td><td>-----</td><td>-----</td><td>97.01</td><td>33.99</td><td>8.83</td><td>36.79</td><td>0.00</td><td>344</td><td>125</td><td>AVERAGE</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg	1	5785.00	103.04	-----	-----	97.01	33.99	8.83	36.79	0.00	344	125	AVERAGE																																																																																
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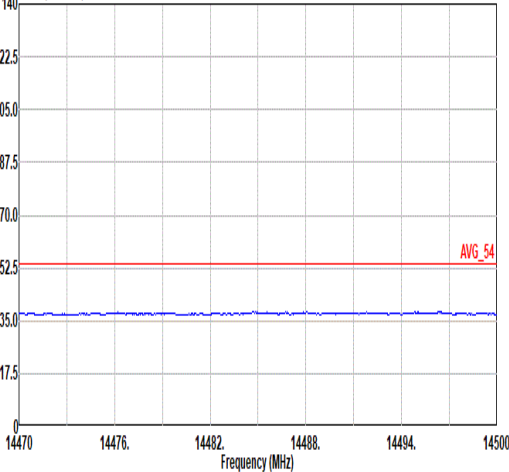
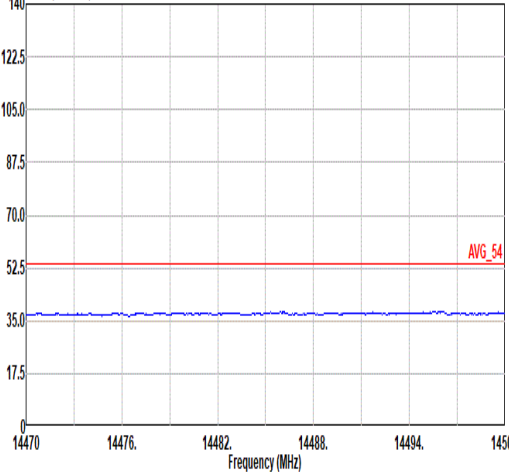
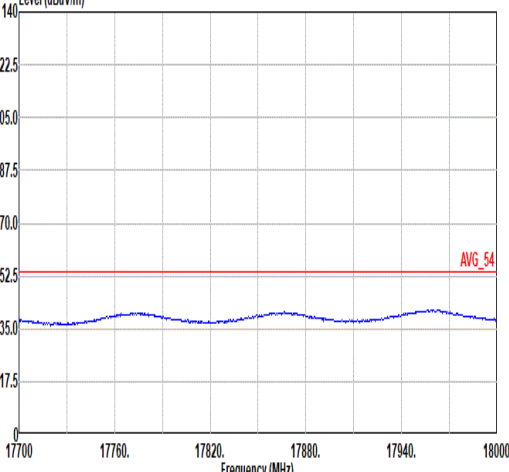
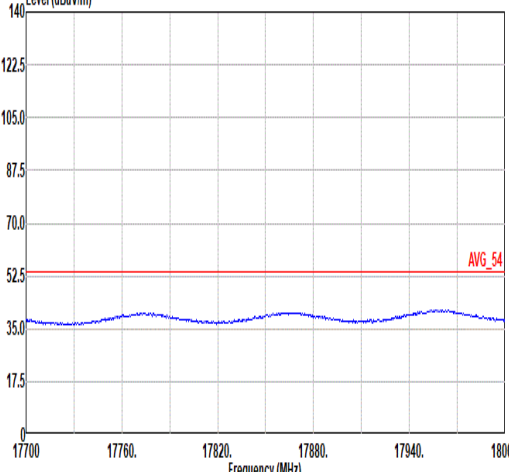


Mode	9																																																																																					
	Band Edge - R																																																																																					
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Peak	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</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></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5854.96</td><td>52.39</td><td>110.89</td><td>-58.50</td><td></td><td>46.04</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>2</td><td>5874.76</td><td>53.07</td><td>105.27</td><td>-52.20</td><td></td><td>46.62</td><td>34.30</td><td>8.93</td><td>36.78</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>3</td><td>5924.92</td><td>51.25</td><td>68.26</td><td>-17.01</td><td></td><td>44.73</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr><tr><td>4</td><td>5925.09</td><td>51.32</td><td>68.20</td><td>-16.88</td><td></td><td>44.80</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>344</td><td>125</td><td>PEAK</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg		1	5854.96	52.39	110.89	-58.50		46.04	34.22	8.91	36.78	0.00	344	125	PEAK	2	5874.76	53.07	105.27	-52.20		46.62	34.30	8.93	36.78	0.00	344	125	PEAK	3	5924.92	51.25	68.26	-17.01		44.73	34.30	8.99	36.77	0.00	344	125	PEAK	4	5925.09	51.32	68.20	-16.88		44.80	34.30	8.99	36.77	0.00	344	125	PEAK	Blank
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																									
	MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	dB	cm	deg																																																																										
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Peak	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1102.00</td><td>43.20</td><td>74.00</td><td>-30.80</td><td>51.32</td><td>25.22</td><td>3.85</td><td>37.19</td><td>0.00</td><td>100 138 Peak</td></tr><tr><td>2 5380.00</td><td>59.72</td><td>74.00</td><td>-14.28</td><td>55.12</td><td>32.84</td><td>8.59</td><td>36.83</td><td>0.00</td><td>100 132 Peak</td></tr><tr><td>3 5380.00</td><td>47.99</td><td>54.00</td><td>-6.01</td><td>43.39</td><td>32.84</td><td>8.59</td><td>36.83</td><td>0.00</td><td>100 132 Average</td></tr><tr><td>4 6178.00</td><td>61.90</td><td>68.20</td><td>-6.30</td><td>55.22</td><td>34.20</td><td>9.15</td><td>36.67</td><td>0.00</td><td>100 123 Peak</td></tr><tr><td>5 11570.00</td><td>46.10</td><td>74.00</td><td>-27.90</td><td>51.32</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>390 314 PEAK</td></tr><tr><td>6 11570.00</td><td>37.66</td><td>54.00</td><td>-16.34</td><td>42.88</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>390 314 Average</td></tr><tr><td>7 17355.00</td><td>54.54</td><td>68.20</td><td>-13.66</td><td>58.88</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>202 237 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1102.00	43.20	74.00	-30.80	51.32	25.22	3.85	37.19	0.00	100 138 Peak	2 5380.00	59.72	74.00	-14.28	55.12	32.84	8.59	36.83	0.00	100 132 Peak	3 5380.00	47.99	54.00	-6.01	43.39	32.84	8.59	36.83	0.00	100 132 Average	4 6178.00	61.90	68.20	-6.30	55.22	34.20	9.15	36.67	0.00	100 123 Peak	5 11570.00	46.10	74.00	-27.90	51.32	38.62	12.63	57.39	0.92	390 314 PEAK	6 11570.00	37.66	54.00	-16.34	42.88	38.62	12.63	57.39	0.92	390 314 Average	7 17355.00	54.54	68.20	-13.66	58.88	38.37	15.54	59.19	0.94	202 237 PEAK	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1318.00</td><td>39.78</td><td>74.00</td><td>-34.22</td><td>46.93</td><td>25.77</td><td>4.20</td><td>37.12</td><td>0.00</td><td>344 125 Peak</td></tr><tr><td>2 5386.00</td><td>57.12</td><td>74.00</td><td>-16.88</td><td>52.52</td><td>32.83</td><td>8.60</td><td>36.83</td><td>0.00</td><td>302 136 Peak</td></tr><tr><td>3 5386.00</td><td>44.32</td><td>54.00</td><td>-9.68</td><td>39.72</td><td>32.83</td><td>8.60</td><td>36.83</td><td>0.00</td><td>302 136 Average</td></tr><tr><td>4 6208.00</td><td>60.73</td><td>68.20</td><td>-7.47</td><td>54.00</td><td>34.23</td><td>9.16</td><td>36.66</td><td>0.00</td><td>100 38 Peak</td></tr><tr><td>5 11570.00</td><td>49.38</td><td>74.00</td><td>-24.62</td><td>54.60</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>255 1 PEAK</td></tr><tr><td>6 11570.00</td><td>40.85</td><td>54.00</td><td>-13.15</td><td>46.07</td><td>38.62</td><td>12.63</td><td>57.39</td><td>0.92</td><td>255 1 Average</td></tr><tr><td>7 17355.00</td><td>58.58</td><td>68.20</td><td>-9.62</td><td>62.92</td><td>38.37</td><td>15.54</td><td>59.19</td><td>0.94</td><td>200 0 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1318.00	39.78	74.00	-34.22	46.93	25.77	4.20	37.12	0.00	344 125 Peak	2 5386.00	57.12	74.00	-16.88	52.52	32.83	8.60	36.83	0.00	302 136 Peak	3 5386.00	44.32	54.00	-9.68	39.72	32.83	8.60	36.83	0.00	302 136 Average	4 6208.00	60.73	68.20	-7.47	54.00	34.23	9.16	36.66	0.00	100 38 Peak	5 11570.00	49.38	74.00	-24.62	54.60	38.62	12.63	57.39	0.92	255 1 PEAK	6 11570.00	40.85	54.00	-13.15	46.07	38.62	12.63	57.39	0.92	255 1 Average	7 17355.00	58.58	68.20	-9.62	62.92	38.37	15.54	59.19	0.94	200 0 PEAK
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2 5386.00	57.12	74.00	-16.88	52.52	32.83	8.60	36.83	0.00	302 136 Peak																																																																																																																																																																																																	
3 5386.00	44.32	54.00	-9.68	39.72	32.83	8.60	36.83	0.00	302 136 Average																																																																																																																																																																																																	
4 6208.00	60.73	68.20	-7.47	54.00	34.23	9.16	36.66	0.00	100 38 Peak																																																																																																																																																																																																	
5 11570.00	49.38	74.00	-24.62	54.60	38.62	12.63	57.39	0.92	255 1 PEAK																																																																																																																																																																																																	
6 11570.00	40.85	54.00	-13.15	46.07	38.62	12.63	57.39	0.92	255 1 Average																																																																																																																																																																																																	
7 17355.00	58.58	68.20	-9.62	62.92	38.37	15.54	59.19	0.94	200 0 PEAK																																																																																																																																																																																																	



Mode	9	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	10																																																																																																																							
	Band Edge																																																																																																																							
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz																																																																																																																							
ANT	1+2																																																																																																																							
Pol.	Horizontal					Fundamental																																																																																																																		
Peak	Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5851.13</td><td>71.31</td><td>119.63</td><td>-48.32</td><td>64.98</td><td>34.20</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100 137 PEAK</td></tr><tr><td>2 5861.75</td><td>63.14</td><td>108.91</td><td>-45.77</td><td>56.75</td><td>34.25</td><td>8.92</td><td>36.78</td><td>0.00</td><td>100 137 PEAK</td></tr><tr><td>3 5924.75</td><td>56.96</td><td>68.38</td><td>-11.42</td><td>50.44</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100 137 PEAK</td></tr><tr><td>4 5926.13</td><td>57.78</td><td>68.20</td><td>-10.42</td><td>51.26</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100 137 PEAK</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5851.13	71.31	119.63	-48.32	64.98	34.20	8.91	36.78	0.00	100 137 PEAK	2 5861.75	63.14	108.91	-45.77	56.75	34.25	8.92	36.78	0.00	100 137 PEAK	3 5924.75	56.96	68.38	-11.42	50.44	34.30	8.99	36.77	0.00	100 137 PEAK	4 5926.13	57.78	68.20	-10.42	51.26	34.30	8.99	36.77	0.00	100 137 PEAK	Level (dBuV/m) Date: 2025-06-11 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>110.38</td><td>-----</td><td>-----</td><td>104.13</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100 137 PEAK</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5825.00	110.38	-----	-----	104.13	34.15	8.88	36.78	0.00	100 137 PEAK
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																															
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1 5851.13	71.31	119.63	-48.32	64.98	34.20	8.91	36.78	0.00	100 137 PEAK																																																																																																															
2 5861.75	63.14	108.91	-45.77	56.75	34.25	8.92	36.78	0.00	100 137 PEAK																																																																																																															
3 5924.75	56.96	68.38	-11.42	50.44	34.30	8.99	36.77	0.00	100 137 PEAK																																																																																																															
4 5926.13	57.78	68.20	-10.42	51.26	34.30	8.99	36.77	0.00	100 137 PEAK																																																																																																															
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1 5825.00	110.38	-----	-----	104.13	34.15	8.88	36.78	0.00	100 137 PEAK																																																																																																															
Avg	Blank					Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.300kHz 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>103.81</td><td>-----</td><td>-----</td><td>97.55</td><td>34.16</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100 137 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	dB	cm deg	1 5825.00	103.81	-----	-----	97.55	34.16	8.88	36.78	0.00	100 137 AVERAGE																																																																						
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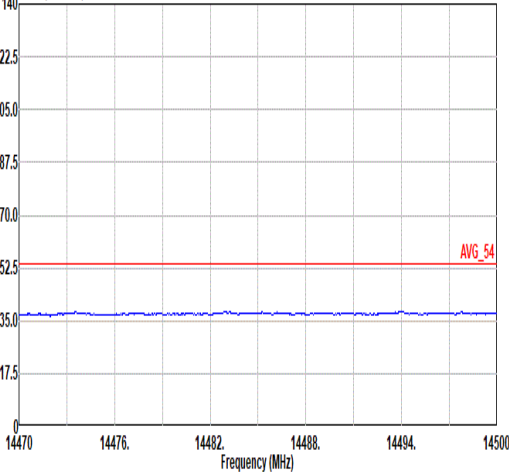
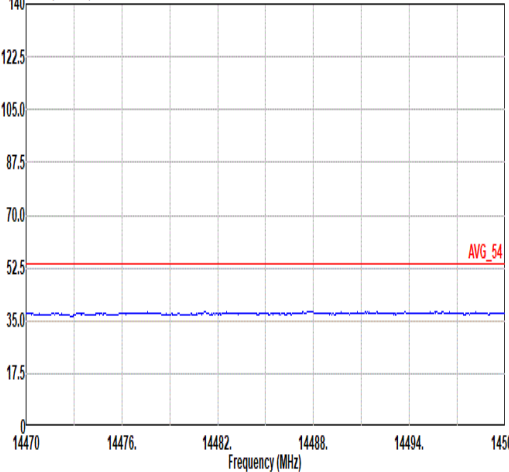
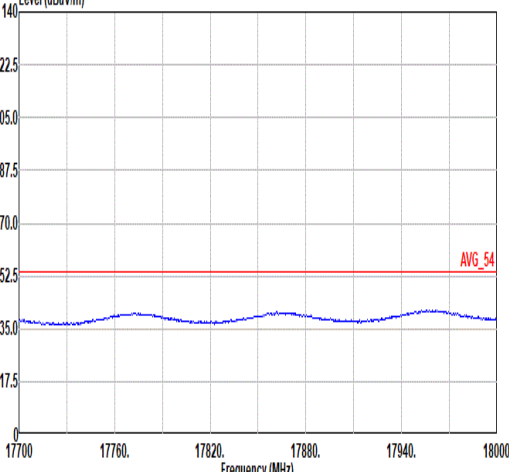
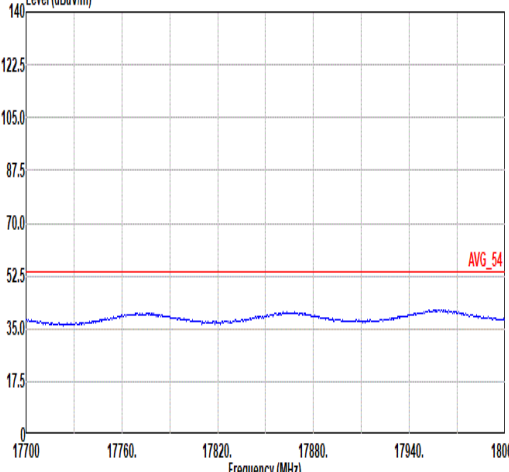


Mode	10																																																																																																																								
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																
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Avg	Blank						Level (dBuV/m) Date: 2025-05-23 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 VERTICAL : RBW:1000.000kHz VBW:0.300kHz SWT: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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5825.00</td><td>103.31</td><td>-----</td><td>-----</td><td>97.06</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00 400 126 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	dB	cm deg	1	5825.00	103.31	-----	-----	97.06	34.15	8.88	36.78	0.00 400 126 AVERAGE																																																																						
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Peak Avg	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 1090.00</td><td>43.57</td><td>74.00</td><td>-30.43</td><td>51.79</td><td>25.14</td><td>3.83</td><td>37.19</td><td>0.00</td><td>100 137 Peak</td></tr><tr><td>2 5386.00</td><td>60.74</td><td>74.00</td><td>-13.26</td><td>56.14</td><td>32.83</td><td>8.60</td><td>36.83</td><td>0.00</td><td>100 129 Peak</td></tr><tr><td>3 5386.00</td><td>49.90</td><td>54.00</td><td>-4.10</td><td>45.30</td><td>32.83</td><td>8.60</td><td>36.83</td><td>0.00</td><td>100 129 Average</td></tr><tr><td>4 6232.00</td><td>62.81</td><td>68.20</td><td>-5.39</td><td>55.94</td><td>34.33</td><td>9.18</td><td>36.64</td><td>0.00</td><td>100 126 Peak</td></tr><tr><td>5 11650.00</td><td>47.17</td><td>74.00</td><td>-26.83</td><td>52.35</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93</td><td>400 313 PEAK</td></tr><tr><td>6 11650.00</td><td>37.76</td><td>54.00</td><td>-16.24</td><td>42.94</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93</td><td>400 313 Average</td></tr><tr><td>7 17475.00</td><td>55.35</td><td>68.20</td><td>-12.85</td><td>59.44</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94</td><td>200 235 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1 1090.00	43.57	74.00	-30.43	51.79	25.14	3.83	37.19	0.00	100 137 Peak	2 5386.00	60.74	74.00	-13.26	56.14	32.83	8.60	36.83	0.00	100 129 Peak	3 5386.00	49.90	54.00	-4.10	45.30	32.83	8.60	36.83	0.00	100 129 Average	4 6232.00	62.81	68.20	-5.39	55.94	34.33	9.18	36.64	0.00	100 126 Peak	5 11650.00	47.17	74.00	-26.83	52.35	38.55	12.68	57.34	0.93	400 313 PEAK	6 11650.00	37.76	54.00	-16.24	42.94	38.55	12.68	57.34	0.93	400 313 Average	7 17475.00	55.35	68.20	-12.85	59.44	38.50	15.61	59.14	0.94	200 235 PEAK	Level (dBuV/m) Date: 2025-06-12 Site : 03CH15-HY Condition: PEAK(UNII) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1 1198.00</td><td>37.60</td><td>74.00</td><td>-36.40</td><td>44.84</td><td>25.90</td><td>4.02</td><td>37.16</td><td>0.00</td><td>400 126 Peak</td></tr><tr><td>2 5434.00</td><td>59.53</td><td>74.00</td><td>-14.47</td><td>54.95</td><td>32.80</td><td>8.61</td><td>36.83</td><td>0.00</td><td>337 120 Peak</td></tr><tr><td>3 5434.00</td><td>46.59</td><td>54.00</td><td>-7.41</td><td>42.01</td><td>32.80</td><td>8.61</td><td>36.83</td><td>0.00</td><td>337 120 Average</td></tr><tr><td>4 6202.00</td><td>60.49</td><td>68.20</td><td>-7.71</td><td>53.78</td><td>34.21</td><td>9.16</td><td>36.66</td><td>0.00</td><td>100 27 Peak</td></tr><tr><td>5 11650.00</td><td>49.15</td><td>74.00</td><td>-24.85</td><td>54.33</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93</td><td>250 1 PEAK</td></tr><tr><td>6 11650.00</td><td>40.20</td><td>54.00</td><td>-13.80</td><td>45.38</td><td>38.55</td><td>12.68</td><td>57.34</td><td>0.93</td><td>250 1 Average</td></tr><tr><td>7 17475.00</td><td>58.19</td><td>68.20</td><td>-10.01</td><td>62.28</td><td>38.50</td><td>15.61</td><td>59.14</td><td>0.94</td><td>200 0 PEAK</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	1 1198.00	37.60	74.00	-36.40	44.84	25.90	4.02	37.16	0.00	400 126 Peak	2 5434.00	59.53	74.00	-14.47	54.95	32.80	8.61	36.83	0.00	337 120 Peak	3 5434.00	46.59	54.00	-7.41	42.01	32.80	8.61	36.83	0.00	337 120 Average	4 6202.00	60.49	68.20	-7.71	53.78	34.21	9.16	36.66	0.00	100 27 Peak	5 11650.00	49.15	74.00	-24.85	54.33	38.55	12.68	57.34	0.93	250 1 PEAK	6 11650.00	40.20	54.00	-13.80	45.38	38.55	12.68	57.34	0.93	250 1 Average	7 17475.00	58.19	68.20	-10.01	62.28	38.50	15.61	59.14	0.94	200 0 PEAK
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Mode	10	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL
	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 HORIZONTAL	Level (dBuV/m) Date: 2025-05-23  Site : 03CH15-HY Condition: AVG_54 3m 91280-02294_240620 VERTICAL



Mode	11																																																																																																																								
	Band Edge																																																																																																																								
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial_106/54RU_5825MHz																																																																																																																								
ANT	1+2																																																																																																																								
Pol.	Horizontal						Fundamental																																																																																																																		
Peak	Level (dBuV/m) Date: 2025-05-27 Site : 03CH15-HY Condition: PEAK_BE(B4)_16-24 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5854.75</td><td>83.14</td><td>111.37</td><td>-28.23</td><td>76.79</td><td>34.22</td><td>8.91</td><td>36.78</td><td>0.00</td><td>100 134 PEAK</td></tr><tr><td>2 5868.75</td><td>84.21</td><td>109.19</td><td>-24.98</td><td>77.83</td><td>34.24</td><td>8.92</td><td>36.78</td><td>0.00</td><td>100 134 PEAK</td></tr><tr><td>3 5917.38</td><td>68.42</td><td>73.82</td><td>-5.40</td><td>61.88</td><td>34.33</td><td>8.98</td><td>36.77</td><td>0.00</td><td>100 134 PEAK</td></tr><tr><td>4 5926.00</td><td>65.05</td><td>68.20</td><td>-3.15</td><td>58.53</td><td>34.30</td><td>8.99</td><td>36.77</td><td>0.00</td><td>100 134 PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5854.75	83.14	111.37	-28.23	76.79	34.22	8.91	36.78	0.00	100 134 PEAK	2 5868.75	84.21	109.19	-24.98	77.83	34.24	8.92	36.78	0.00	100 134 PEAK	3 5917.38	68.42	73.82	-5.40	61.88	34.33	8.98	36.77	0.00	100 134 PEAK	4 5926.00	65.05	68.20	-3.15	58.53	34.30	8.99	36.77	0.00	100 134 PEAK	Level (dBuV/m) Date: 2025-06-11 Site : 03CH15-HY Condition: PEAK(UNI) 3m 91200-02294_240620 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>114.34</td><td>-----</td><td>-----</td><td>108.09</td><td>34.15</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100 134 PEAK</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 5825.00	114.34	-----	-----	108.09	34.15	8.88	36.78	0.00	100 134 PEAK
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Avg	Blank						Level (dBuV/m) Date: 2025-05-27 Site : 03CH15-HY Condition: AVG_54 3m 91200-02294_240620 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz 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>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 5825.00</td><td>106.96</td><td>-----</td><td>-----</td><td>100.70</td><td>34.16</td><td>8.88</td><td>36.78</td><td>0.00</td><td>100 134 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	dB	cm deg	1 5825.00	106.96	-----	-----	100.70	34.16	8.88	36.78	0.00	100 134 AVERAGE																																																																						
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