

TEST REPORT

Report Number: 15496249-E7V2

Applicant : APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3257 (Parent)
A3525, A3526, A3527 (Variants)

Brand : APPLE

FCC ID : BCG-E8950A (Parent)
BCG-E8960A, BCG-E8961A, BCG-E8962A (Variants)

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E

Date Of Issue:
2025-08-12

Prepared by:
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REPORT REVISION HISTORY

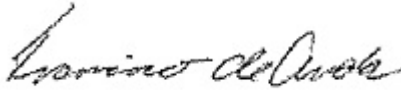
Rev.	Issue Date	Revisions	Revised By
V1	2025-07-29	Initial Review	---
V2	2025-08-12	Addressed TCB Comments on Sections 6, 9, 10, Appendix A	Benjamin Dobbins

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS.....	5
2. TEST RESULT SUMMARY.....	6
3. TEST METHODOLOGY	7
4. FACILITIES AND ACCREDITATION.....	7
5. DECISION RULES AND MEASUREMENT UNCERTAINTY.....	8
5.1. METROLOGICAL TRACEABILITY	8
5.2. DECISION RULES	8
5.3. MEASUREMENT UNCERTAINTY	8
5.4. SAMPLE CALCULATION.....	9
6. EQUIPMENT UNDER TEST	10
6.1. EUT DESCRIPTION.....	10
6.2. MAXIMUM OUTPUT POWER.....	11
6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS	13
6.4. SOFTWARE AND FIRMWARE	13
6.5. WORST-CASE CONFIGURATION AND MODE.....	14
6.6. DESCRIPTION OF TEST SETUP.....	16
7. TEST AND MEASUREMENT EQUIPMENT	21
8. MEASUREMENT METHODS.....	22
9. ANTENNA PORT TEST RESULTS	23
9.1. ON TIME AND DUTY CYCLE	23
9.2. 26 dB AND 99% BANDWIDTH.....	24
9.2.1. UNII-1 HIGH POWER SISO MODE	25
9.2.2. UNII-1 HIGH POWER TXBF MODE	28
9.2.3. UNII-3 HIGH POWER SISO MODE	32
9.2.4. UNII-3 HIGH POWER TXBF MODE	35
9.3. 6 dB BANDWIDTH	39
9.3.1. HIGH OUTPUT BDR SISO MODE IN THE UNII-3 BAND.....	40
9.3.2. HIGH OUTPUT BDR TXBF MODE IN THE UNII-3 BAND	41
9.4. OUTPUT POWER AND PSD	42
9.4.1. UNII-1 BAND SISO MODE.....	44
9.4.2. UNII-1 BAND MIMO TXBF MODE	47
9.4.3. UNII-3 BAND SISO MODE.....	49
9.4.4. UNII-3 BAND MIMO TXBF MODE	52
10. RADIATED TEST RESULTS.....	54
10.1. TRANSMITTER ABOVE 1 GHz.....	56
10.1.1. UNII-1 BAND SISO MODE – BANDEDGE – HIGH POWER	56

10.1.2.	UNII-1 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER	60
10.1.3.	UNII-1 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER	63
10.1.4.	UNII-3 BAND SISO MODE – BANDEDGE – HIGH POWER	69
10.1.5.	UNII-3 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER	75
10.1.6.	UNII-3 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER	80
10.2.	WORST CASE BELOW 1 GHz.....	86
10.3.	WORST CASE 18-26 GHz	88
10.4.	WORST CASE 26-40 GHz	90
11.	AC POWERLINE CONDUCTED EMISSIONS	92
11.1.	AC POWER LINE WITH LAPTOP	93
11.2.	AC POWER LINE WITH AC/DC ADAPTER	95
12.	SETUP PHOTOS	97
	APPENDIX A - SPOT CHECK EVALUATION.....	97

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.		
Model	A3257 (Parent) A3525, A3526, A3527 (Variants)		
Brand	APPLE		
FCC ID	BCG-E8950A (Parent) BCG-E8960A, BCG-E8961A, BCG-E8962A (Variants)		
EUT Description	SMARTPHONE		
Serial Number	HVHHCY0001P0000YEE, HVHHHD0004U0000YE8 (Conducted) DHVYMJ7FMF (Radiated)		
Sample Receipt Date	2025-02-28		
Date Tested	2025/04/02 to 2025/07/28		
Applicable Standards	CFR 47 Part 15 Subpart E		
Test Results	COMPLIES		
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested can demonstrate compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not considered unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document			
Approved & Released By:		Prepared & Reviewed By:	
			
Francisco de Anda Staff Engineer UL Verification Services, Inc.		Tony Li, Benjamin Dobbins Lead Test Engineer, Senior Test Engineer UL Verification Services, Inc.	

2. TEST RESULT SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.3)
2. Cable loss (see section 6.3)

FCC Clause	Requirement	Result	Comment
See Comment	Duty Cycle	Reporting purposes only	Per ANSI C63.10, Section 12.2.
See Comment	26dB BW/99% OBW	Reporting purposes only	Per ANSI C63.10 Sections 6.9.2 and 6.9.3
15.407 (e)	6 dB BW	Complies	Per ANSI C63.10, Section 12.5.1
15.407 (a) (1 & 3)	Output Power	Complies	Per ANSI C63.10, Section 12.4.3.2
15.407 (a) (1 & 3)	PSD	Complies	Per ANSI C63.10, Section 12.6
15.209, 15.205, 15.407 (b)	Radiated Emissions	Complies	Per ANSI C63.10, Section 12.7
15.207	AC Mains Conducted Emissions	Complies	Per ANSI C63.10, Section 6.2

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- *ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024
- FCC 47 CFR Part 2
- FCC 47CFR Part 15
- FCC KDB 414788 D01 Radiated Test Site
- FCC KDB 662911 D01 Multiple Transmitter Output
- FCC KDB 789033 D02 General UNII Test Procedures New Rules

*Note: The use of ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 does not deviate from the testing procedures of ANSI C63.10-2020

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{LAB}
Conducted Antenna Port Emission Measurement	1.94 dB
Power Spectral Density	2.47 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	1.3 dB (Peak), 0.45 dB (Ave)
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)

$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.

$36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible.

This report covers the NB UNII-1 and UNII-3 bands.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum conducted output power as follows:

UNII-1 Frequency Range (MHz)	Mode	Antenna	Configuration	Output Power (dBm)	Output Power (mW)
5162 - 5245	BDR	Ant 6	High Power	9.98	9.95
			Low Power	2.46	1.76
		Ant 5	High Power	9.96	9.91
			Low Power	2.74	1.88
		BF, Ant 6 + Ant 5	High Power	9.97	9.93
			Low Power	5.55	3.59
5162 - 5245	LE1M	Ant 6	High Power	10.24	10.57
			Low Power	2.48	1.77
		Ant 5	High Power	10.17	10.40
			Low Power	2.74	1.88
		BF, Ant 6 + Ant 5	High Power	10.25	10.59
			Low Power	5.61	3.64
5162 - 5245	LE2M	Ant 6	High Power	10.92	12.36
			Low Power	2.47	1.77
		Ant 5	High Power	10.97	12.50
			Low Power	2.71	1.87
		BF, Ant 6 + Ant 5	High Power	10.97	12.50
			Low Power	5.59	3.62
5162 - 5245	HDT3	Ant 6	High Power	12.48	17.70
			Low Power	-0.57	0.88
		Ant 5	High Power	12.45	17.58
			Low Power	-0.26	0.94
		BF, Ant 6 + Ant 5	High Power	12.47	17.66
			Low Power	2.59	1.82
5162 - 5245	HDT4	Ant 6	High Power	12.45	17.58
			Low Power	-0.51	0.89
		Ant 5	High Power	12.45	17.58
			Low Power	-0.33	0.93
		BF, Ant 6 + Ant 5	High Power	12.47	17.66
			Low Power	2.59	1.82
5162 - 5245	HDR4	Ant 6	High Power	12.17	16.48
			Low Power	-0.52	0.89
		Ant 5	High Power	12.19	16.56
			Low Power	-0.27	0.94
		BF, Ant 6 + Ant 5	High Power	12.19	16.56
			Low Power	2.60	1.82
5162 - 5245	XHDRPM8	Ant 6	High Power	13.97	24.95
			Low Power	-0.54	0.88
		Ant 5	High Power	14.45	27.86
			Low Power	-0.33	0.93
		BF, Ant 6 + Ant 5	High Power	14.94	31.19
			Low Power	2.58	1.81
5164 - 5242	HDRPL8	Ant 6	High Power	13.95	24.83
			Low Power	-0.55	0.88
		Ant 5	High Power	14.46	27.93
			Low Power	-0.27	0.94
		BF, Ant 6 + Ant 5	High Power	17.20	52.48
			Low Power	2.59	1.82

UNII-3 Frequency Range (MHz)	Worst-Case Mode	Antenna	Configuration	Output Power (dBm)	Output Power (mW)
5733 - 5844	BDR	Ant 6	High Power	19.19	82.99
			Low Power	2.97	1.98
		Ant 5	High Power	19.45	88.10
			Low Power	3.15	2.07
		BF, Ant 6 + Ant 5	High Power	22.28	169.04
			Low Power	6.09	4.06
5733 - 5844	LE1M	Ant 6	High Power	19.23	83.75
			Low Power	2.96	1.98
		Ant 5	High Power	19.48	88.72
			Low Power	3.19	2.08
		BF, Ant 6 + Ant 5	High Power	22.36	172.19
			Low Power	6.09	4.06
5733 - 5844	LE2M	Ant 6	High Power	19.24	83.95
			Low Power	2.95	1.97
		Ant 5	High Power	19.45	88.10
			Low Power	3.15	2.07
		BF, Ant 6 + Ant 5	High Power	22.35	171.79
			Low Power	6.11	4.08
5733 - 5844	HDT3	Ant 6	High Power	14.21	26.36
			Low Power	-0.01	1.00
		Ant 5	High Power	14.48	28.05
			Low Power	0.24	1.06
		BF, Ant 6 + Ant 5	High Power	17.34	54.20
			Low Power	3.09	2.04
5733 - 5844	HDR4	Ant 6	High Power	14.23	26.49
			Low Power	-0.07	0.98
		Ant 5	High Power	14.48	28.05
			Low Power	0.24	1.06
		BF, Ant 6 + Ant 5	High Power	17.32	53.95
			Low Power	3.10	2.04
5733 - 5844	HDR8	Ant 6	High Power	14.16	26.06
			Low Power	-0.01	1.00
		Ant 5	High Power	14.48	28.05
			Low Power	0.19	1.04
		BF, Ant 6 + Ant 5	High Power	17.36	54.45
			Low Power	3.05	2.02
5733 - 5844	XHDRPL16	Ant 6	High Power	14.24	26.55
			Low Power	-0.02	1.00
		Ant 5	High Power	14.41	27.61
			Low Power	0.22	1.05
		BF, Ant 6 + Ant 5	High Power	17.33	54.08
			Low Power	3.11	2.05

6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type (PIFA), as provided by the manufacturer' are as follows:

Frequency Range (MHz)	Antenna 6 (dBi)	Antenna 5 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
5150 - 5250 UNII - 1	3.10	-6.90	0.50	2.48
5725 - 5825 UNII 3	2.30	-4.80	0.06	2.47

Note: antenna C0 and antenna C1 indicated in power tune-up document pertain to Ant 6 and ANT 5 of this report respectively.

The SMA Cable Loss as provided by the manufacturer' are as follows:

Frequency Range (MHz)	Cable Loss	
	Antenna 6 (dBi)	Antenna 5 (dBi)
5150 - 5250 UNII - 1	-3.00	-2.60
5725 - 5825 UNII 3	-3.20	-2.80

Cable loss used for RF antenna port tests was included in offset of the test equipment during testing.

6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was 23A258.

6.5. WORST-CASE CONFIGURATION AND MODE

The EUT was investigated in three orthogonal orientations X, Y and Z on ANT 6, ANT 5 and 2TX, it was determined that Y (Landscape) was the worst-case orientation for both ANT 6 and ANT 5, and 2TX beamforming.

For Radiated band edge test all test modes have been investigated with power setting equal or higher than FCC conducted SISO modes as worst-case scenario and no emissions at both lower and upper band edges were found.

For the radiation spurious harmonics testing, we have investigated both SISO and MIMO modes under low power and high power, only high power mode data is included in the report, as this represents the worst case.

For radiated harmonics spurious below 1GHz, 1-18GHz L/M/H channels, 18-26GHz, 26-40GHz and power line conducted emissions were performed with the EUT set at the 2TX BF at high power mode with power setting equal or higher than SISO modes as worst-case scenario.

Below 1GHz tests were performed with EUT connected to AC power adapter as the worst case; and for above 1GHz tests, the worst-case configuration reported was with EUT only. There were no emissions found below 30MHz within 20dB of the limit. For AC line conducted emission, test was investigated with AC power adapter and with laptop.

After the investigation, the worst case of power and PSD modes selecting for test are as table shown below.

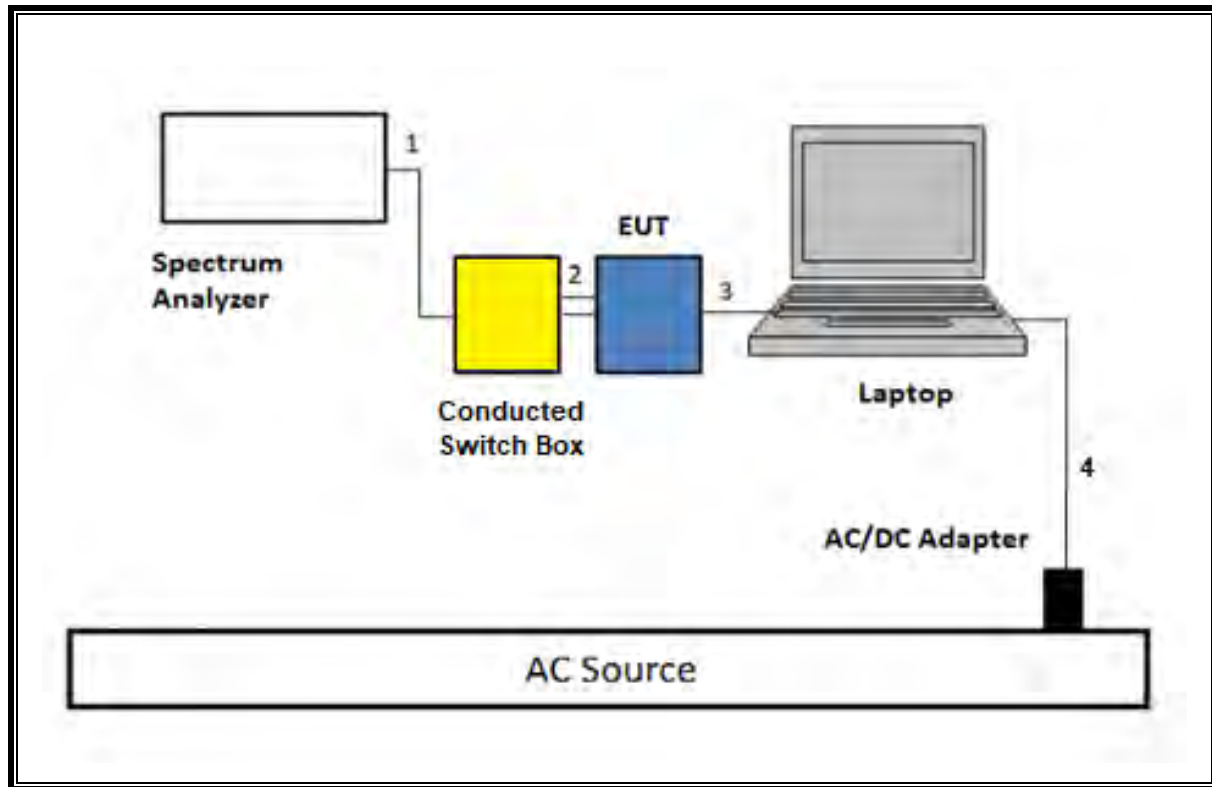
5G			UNII-1			UNII-3		
Mode	BW (MHz)	Modulation	Frequency Range (MHz)	Worst Case Tone		Frequency Range (MHz)	Worst Case Tone	
				Power	PSD		Power	PSD
BT5G	1MHz	BDR	5162-5245	X	X	5733-5844	X	X
	1.5MHz	EDR2	N5			N5		
		EDR3						
LE	1MHz	LE Adv	5162-5245			5733-5844		
		LE1M		X	X		X	X
		LELR8						
		LELR2						
	2MHz	LE2M	5162-5245	X	X	5733-5844	X	X
	2.5MHz	HDT2	5162-5245			5733-5844		
		HDT3		X	X		X	X
		HDT4		X	X			
		HDT6						
		HDT8						
HDR	2.5MHz	HDR4	5162-5245	X	X	5733-5844	X	X
		HDRPS2						
		XHDRPS2						
	5MHz	HDR8	5162-5245			5733-5844	X	X
		HDRPM4						
		HDRPM6						
		HDRPM8						
		XHDRPM4						
		XHDRPM6						
		XHDRPM8		X	X			
		HDRPM12						
		HDRPM16						
		XHDRPM12						
		XHDRPM16						
	9MHz	HDRPL8	5164-5242	X	X	5733-5844		
		HDRPL12						
		HDRPL16						
		XHDRPL8						
		XHDRPL12						
		XHDRPL16					X	X
		HDRPL24						
		HDRPL32						
		XHDRPL24						
		XHDRPL32						

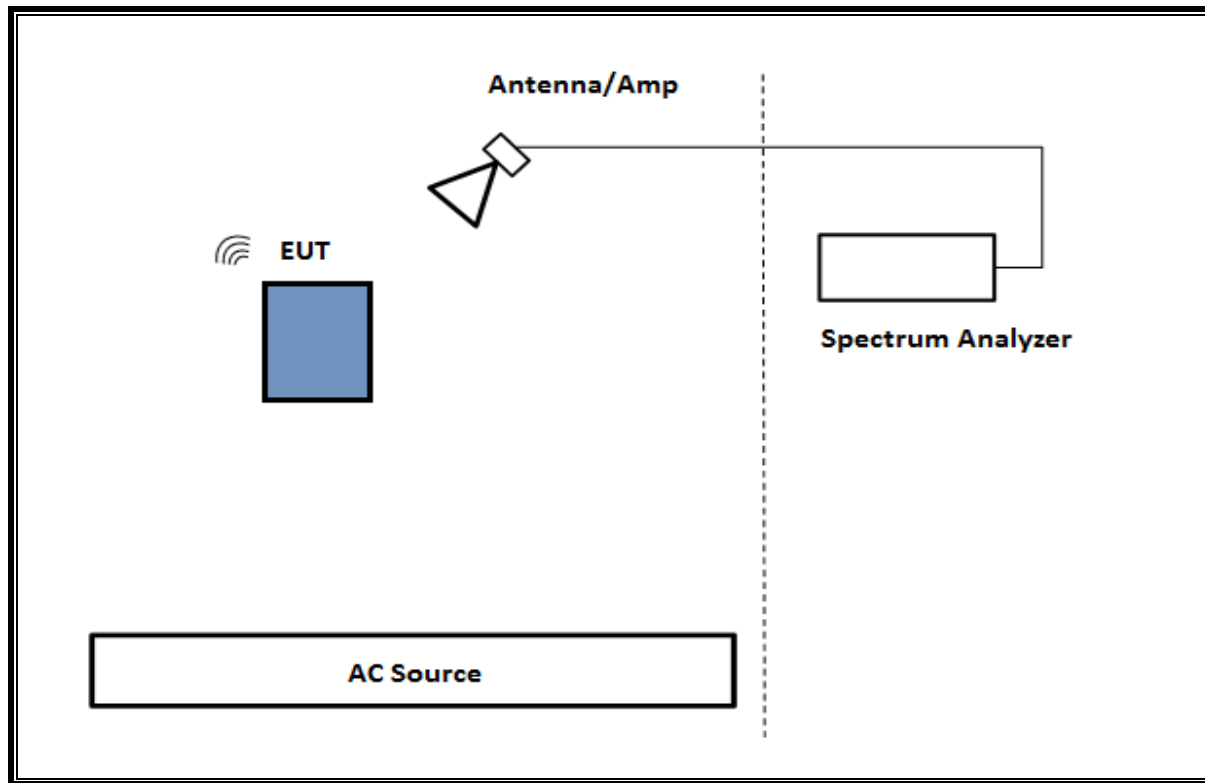
6.6. DESCRIPTION OF TEST SETUP

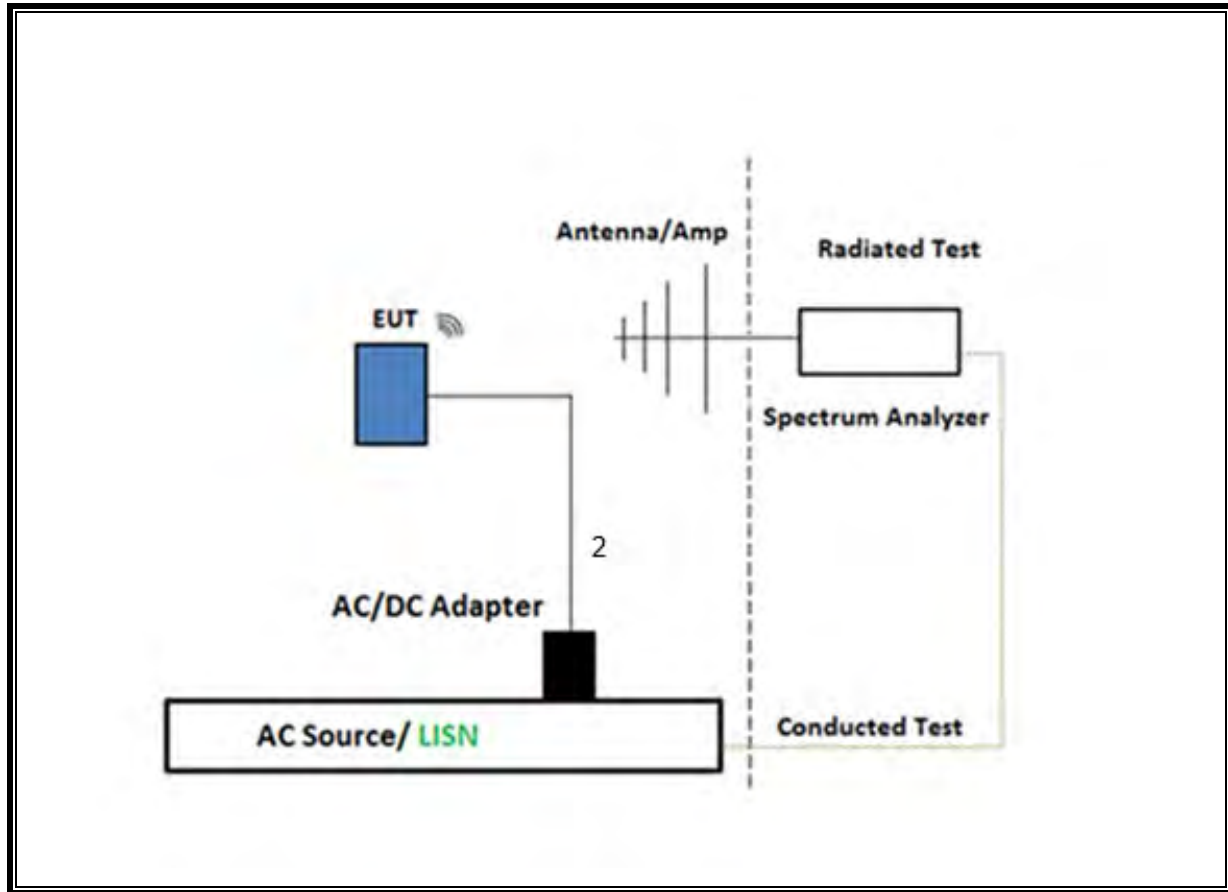
SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
Laptop		Apple	Macbook	G2YKJ9LWH5		N/A
Laptop AC/DC adapter		Apple	N/A	C4H238408AEPM0WAS		DoC
EUT AC/DC adapter		Apple	N/A	C4H238505ARPM0WAP		DoC
Conducted Switch Box		UL	N/A	245782		N/A
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	SMA	1	SMA	Shielded	0.2	To spectrum Analyzer
2	Antenna	2	SMA	Shielded	0.2	EUT to Switchbox
3	USB	1	USB-C	Shielded	1.0	N/A
4	DC	1	DC	Shielded	2	N/A
I/O CABLES (RF RADIATED AND AC LINE CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	DC	Shielded	2	N/A
2	USB	1	USB-C	Shielded	1	N/A

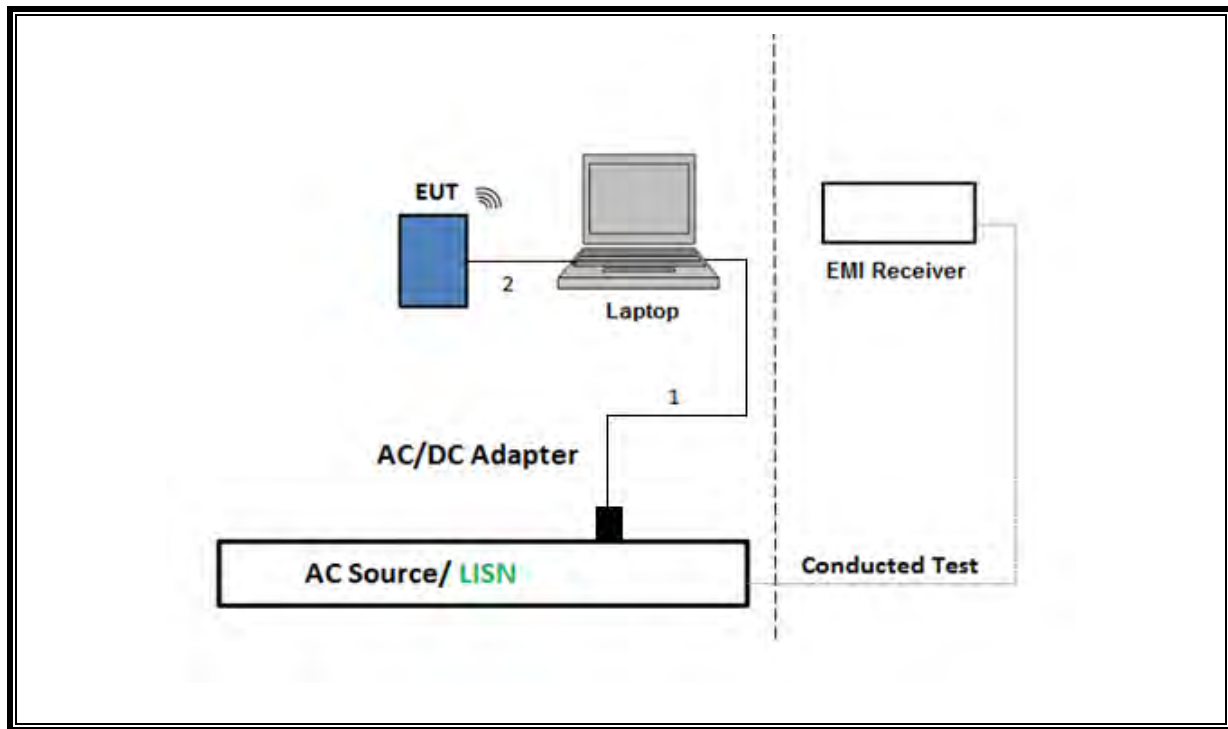
TEST SETUP

The EUT setup is shown as below. Test software exercised the radio card.

SETUP DIAGRAM FOR CONDUCTED TESTS

SETUP DIAGRAM FOR RADIATED TESTS Above 1 GHz

SETUP DIAGRAM FOR Below 1GHz and AC LINE CONDUCTED TEST

TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Description	Manufacturer	Model	ID Num	Cal Due
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	200896	2027-03-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	216812	2026-01-31
EMI Test Receiver	Rohde & Schwarz	ESW44	230548	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	41112	2026-10-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	243707	2026-04-30
EMI Test Receiver	Rohde & Schwarz	ESW44	169924	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	223084	2026-12-31
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	231875	2025-11-30
EMI Test Receiver	Rohde & Schwarz	ESW44	170063	2026-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren (Cedar Park, Texas)	3117	80402	2025-07-31
Filter Box	UL-FR1	Frankenstein, 1 Amp, 12 Port	216812	2026-01-31
EMI TEST RECEIVER	EMI TEST RECEIVER	ESW44	230548	2026-02-28
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A-544	90238	2026-01-31
Spectrum Analyzer, PXA, 3Hz to 50GHz w/Ext. Mixer	Keysight Technologies Inc	N9030A	80400	2026-01-31
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-03-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
RF Device, Switch	UL	CSB	245262	2026-04-30
RF Device, Switch	UL	CSB	262287	2026-04-30
Antenna, Broadband Hybrid, 30MHz to 2000MHz	Sunol Sciences Corp.	JB3	85150	2025-12-30
Link File, @3m, 9kHz-1000MHz Hybrid Path Loss	UL-FR1	Port 0 Factors	226862	2026-05-31
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	199659	2025-12-30
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Amplical	AMP18G26.5-60	234683	2026-02-28
Antenna, Horn 26.5-40GHz	A.R.A	MWH-2640/B	234683	2025-08-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Amplical	AMP26G40-65	220537	2025-07-31
Antenna, Passive Loop 30Hz-1MHz	Electro-Metrics	EM-6871	170013	2026-09-30
Antenna, Passive Loop 100kHz-30MHz	Electro-Metrics	EM-6872	170015	2026-09-30

AC Line Conducted				
Description	Manufacturer	Model	ID Num	Cal Due
EMI Test Receiver 9kHz-7GHz	Rohde & Schwarz	ESR	171646	2026-02-28
LISN for Conducted Emissions CISPR-16	Fischer Custom Communications	FCC-LISN-50/250-25-2-01-480V	175765	2026-01-31
Transient Limiter	TE	TBFL1	207996	2025-09-30
UL AUTOMATION SOFTWARE				
Conducted Software	UL	Station Tool	Ver 5.0, 6.0, 6.1	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	
AC Line Conducted Software	UL	UL EMC	Ver 9.5, Mar 3, 2023	

8. MEASUREMENT METHODS

On Time and Duty Cycle: KDB 789033 D02, Section B.

6 dB Emission BW: KDB 789033 D02, Section C.2

26 dB Emission BW: KDB 789033 D02, Section C.1

99% Occupied BW: KDB 789033 D02, Section D.

Conducted Output Power: KDB 789033 D02

Power Spectral Density: KDB 789033 D02, Section F

Unwanted emissions in restricted bands: KDB 789033 D02, Sections G.3, G.4, G.5, and G.6.

Unwanted emissions in non-restricted bands: KDB 789033 D02, Sections G.3, G.4, and G.5.

AC Power Line Conducted Emissions: ANSI C63.10-2020, Section 6.2.

Radiated Spurious Emissions Below 30MHz: ANSI C63.10-2020 Section 6.4

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

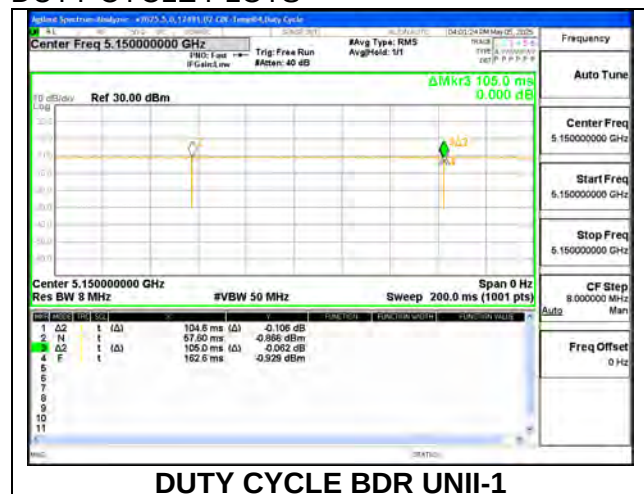
ANSI C63.10, Section 12.2: Zero-Span Spectrum Analyzer Method.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
BDR	104.60	105.00	0.996	99.6	0.00	0.010
LE1M	2.12	2.50	0.848	84.8	0.72	0.472
LE2M	1.07	1.88	0.569	56.9	2.45	0.935
HDT3	1.44	1.52	0.949	94.9	0.23	0.692
HDT4	1.10	1.18	0.932	93.2	0.30	0.909
HDR4	2.78	3.75	0.741	74.1	1.30	0.360
HDR8	2.80	3.75	0.747	74.7	1.27	0.357
XHDRPM8	8.07	8.73	0.924	92.4	0.34	0.124
HDRPL8	3.55	3.75	0.947	94.7	0.24	0.282
XHDRPL16	3.57	3.75	0.952	95.2%	0.21	0.280

Note: The same DCCF is used for both 1TX and 2TX.

DUTY CYCLE PLOTS



9.2. 26 dB AND 99% BANDWIDTH**LIMITS**

None; for reporting purposes only.

TEST PROCEDURE

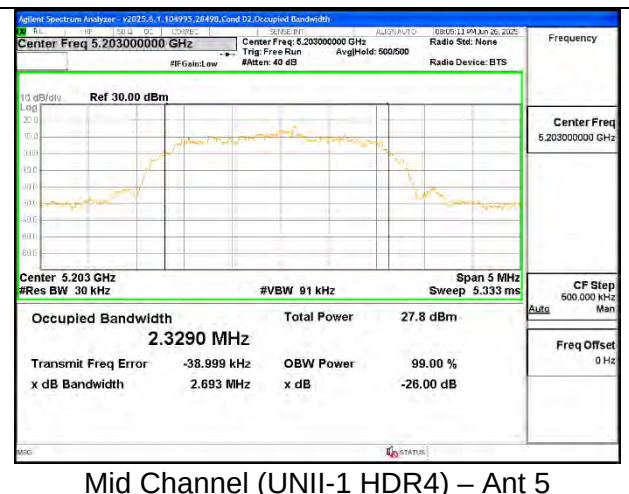
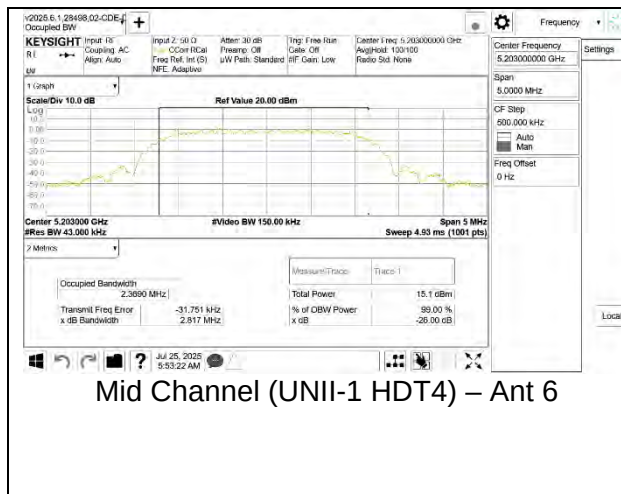
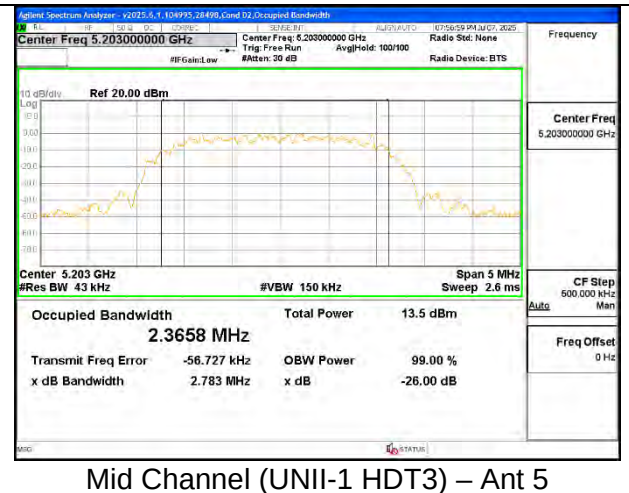
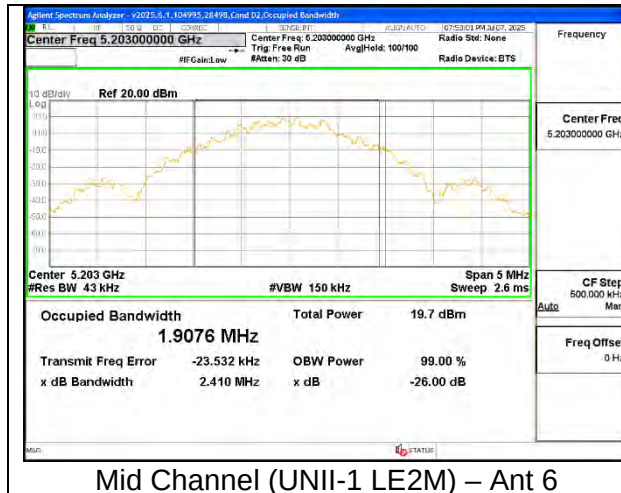
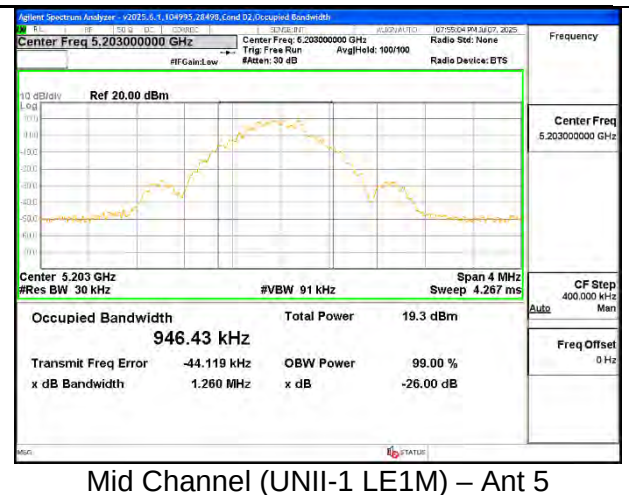
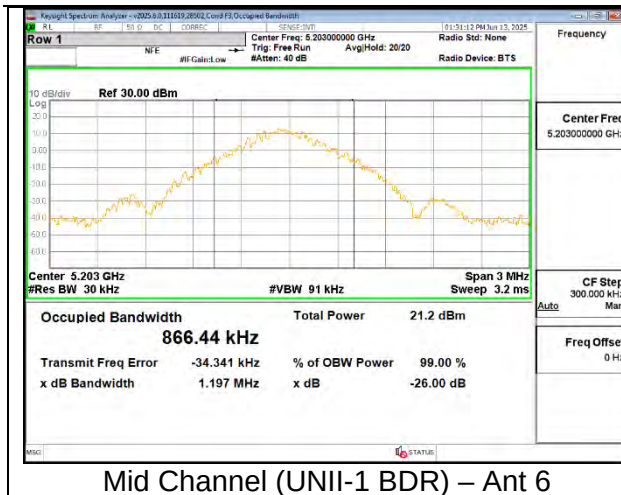
The transmitter output is connected to a spectrum analyzer. The RBW is set to $\geq 1\%$ of the 20 dB bandwidth. The VBW is set to $\geq 3 \times \text{RBW}$. The sweep time is coupled.

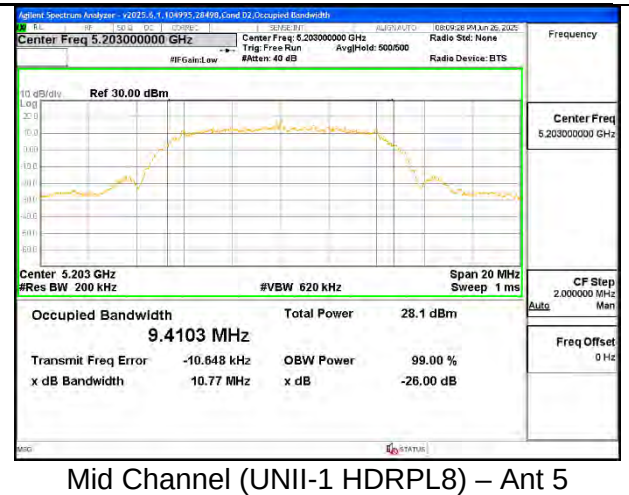
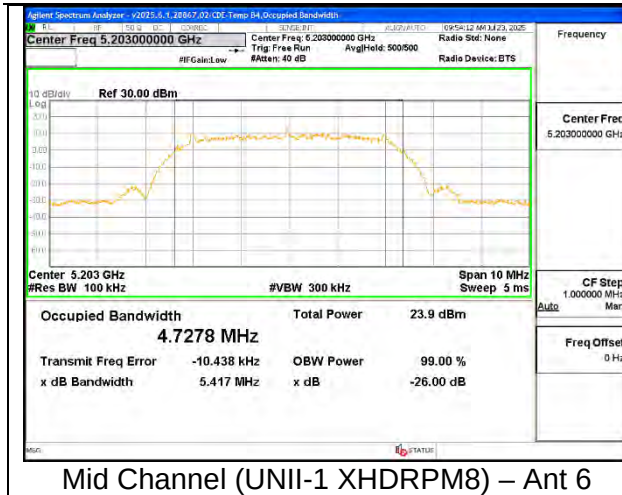
RESULTS

Only High Power modes result is reported, it covers all Low Power modes. Only Mid channel plot is reported to show setting parameter complies with testing method/procedure.

9.2.1. UNII-1 HIGH POWER SISO MODE

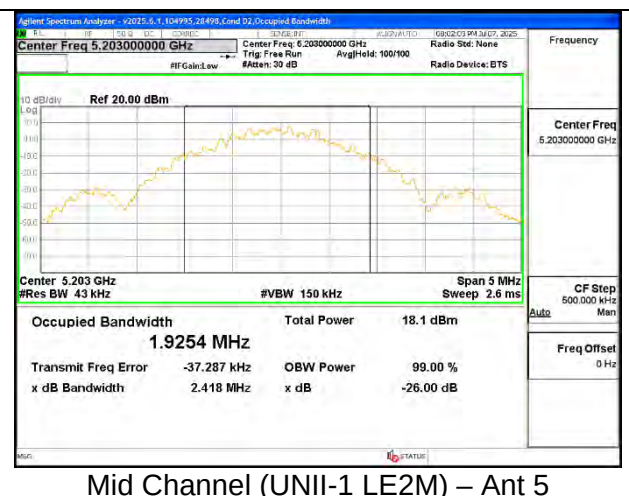
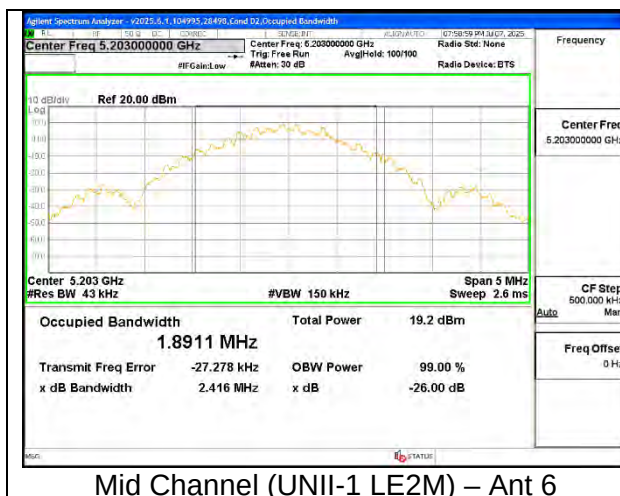
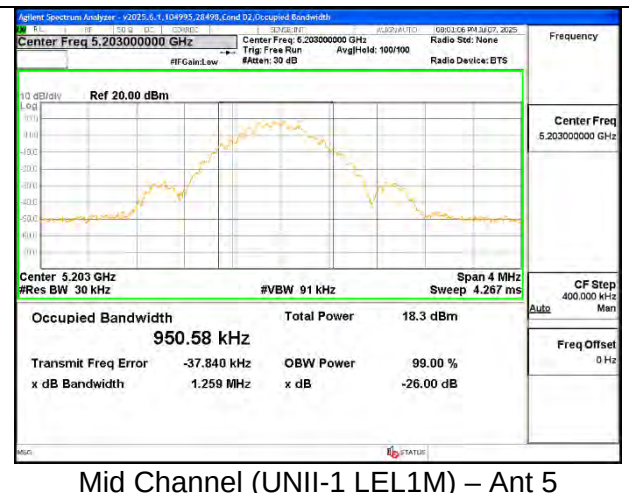
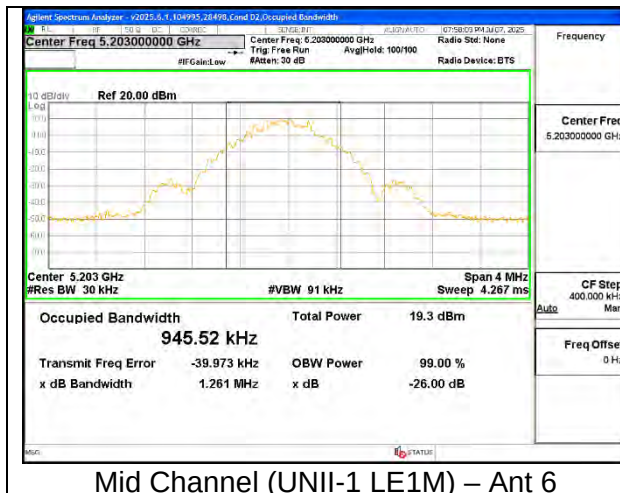
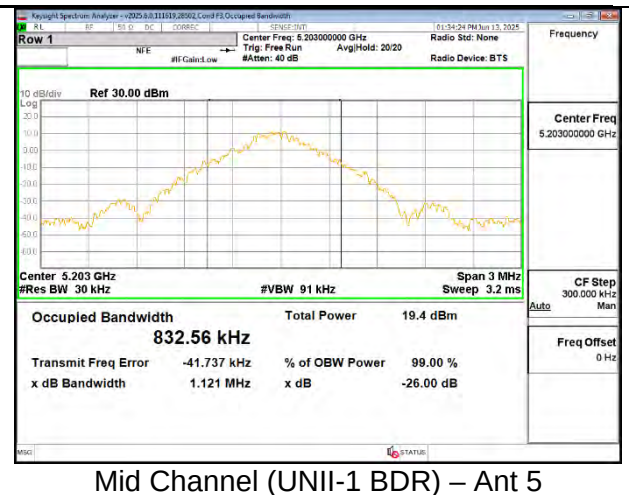
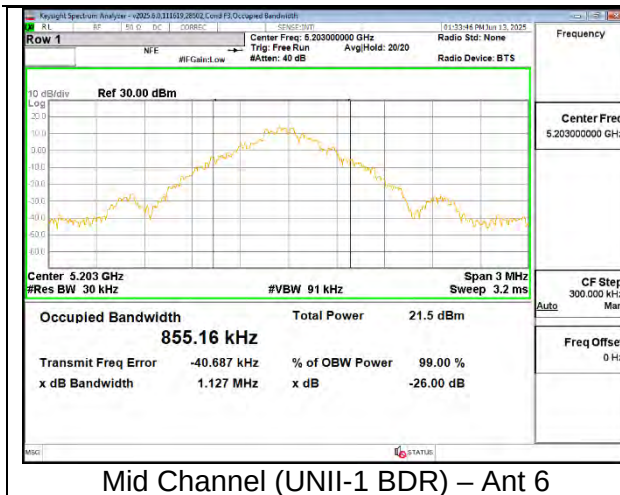
Worst-Case Mode (SISO)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5162	Low	1.145	1.206	0.8324	0.8572
	5203	Mid	1.197	1.194	0.8664	0.8264
	5245	High	1.261	1.247	0.9534	0.9394
LE1M	5162	Low	1.257	1.257	0.9432	0.9464
	5203	Mid	1.261	1.260	0.9386	0.9464
	5245	High	1.257	1.260	0.9517	0.9452
LE2M	5162	Low	2.415	2.410	1.9055	1.9007
	5203	Mid	2.410	2.404	1.9076	1.9063
	5245	High	2.410	2.493	1.9195	1.9175
HDT3	5162	Low	2.779	2.781	2.3901	2.4072
	5203	Mid	2.781	2.783	2.4081	2.3658
	5245	High	2.769	2.782	2.4035	2.4061
HDT4	5162	Low	2.813	2.815	2.3689	2.3678
	5203	Mid	2.817	2.814	2.3690	2.3703
	5245	High	2.816	2.817	2.3694	2.3690
HDR4	5162	Low	2.695	2.687	2.3252	2.3247
	5203	Mid	2.692	2.693	2.3248	2.3290
	5245	High	2.672	2.695	2.3253	2.3190
XHDRPM8	5162	Low	5.335	5.355	4.7195	4.7241
	5203	Mid	5.417	5.314	4.7278	4.7028
	5245	High	5.539	5.315	4.7401	4.7050
HDRPL8	5164	Low	10.620	10.820	9.3936	9.3747
	5203	Mid	11.130	10.770	9.4191	9.4103
	5242	High	11.000	11.000	9.4022	9.3701

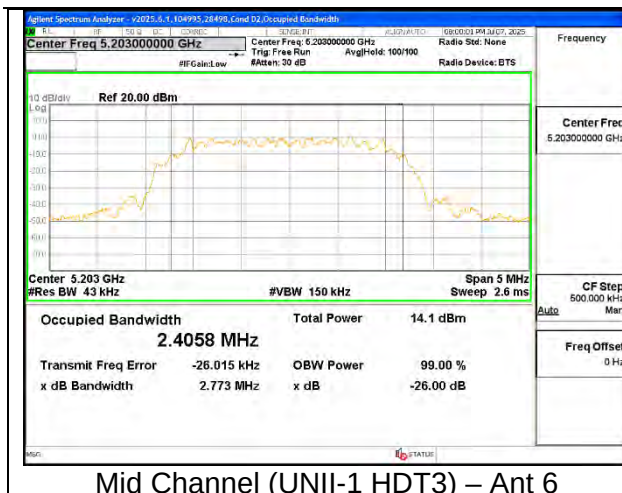




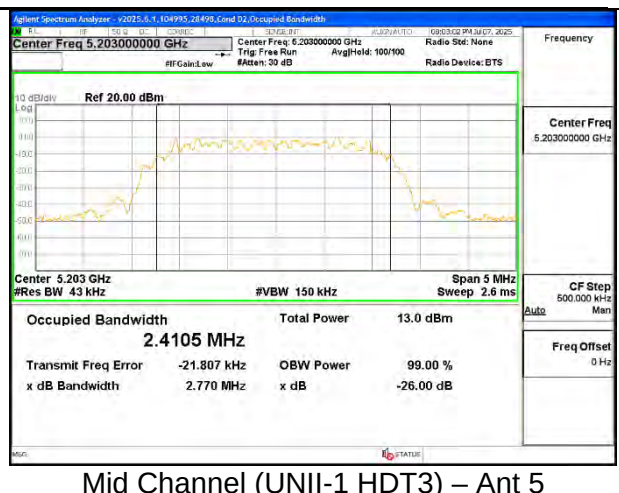
9.2.2. UNII-1 HIGH POWER TXBF MODE

Worst-Case Mode (TxBF)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5162	Low	1.188	1.105	0.8710	0.8163
	5203	Mid	1.127	1.121	0.8551	0.8325
	5245	High	1.209	1.164	0.9220	0.9424
LE1M	5162	Low	1.253	1.259	0.9418	0.9552
	5203	Mid	1.261	1.259	0.9455	0.9505
	5245	High	1.259	1.261	0.9492	0.9515
LE2M	5162	Low	2.414	2.489	1.9271	1.9023
	5203	Mid	2.416	2.418	1.8911	1.9250
	5245	High	2.416	2.498	1.9033	1.9030
HDT3	5162	Low	2.775	2.772	2.4126	2.4081
	5203	Mid	2.773	2.770	2.4058	2.4105
	5245	High	2.771	2.780	2.3958	2.3996
HDT4	5162	Low	2.814	2.813	2.3692	2.3706
	5203	Mid	2.813	2.817	2.3682	2.3688
	5245	High	2.817	2.815	2.3679	2.3709
HDR4	5162	Low	2.697	2.700	2.3274	2.3287
	5203	Mid	2.672	2.699	2.3208	2.3282
	5245	High	2.697	2.670	2.3245	2.3278
XHDRPM8	5162	Low	5.364	5.369	4.7175	4.7318
	5203	Mid	5.386	5.347	4.7257	4.7128
	5245	High	5.421	5.395	4.7203	4.7316
HDRPL8	5164	Low	10.720	10.890	9.3784	9.3938
	5203	Mid	10.670	10.650	9.3654	9.3536
	5242	High	10.810	10.670	9.3922	9.3968

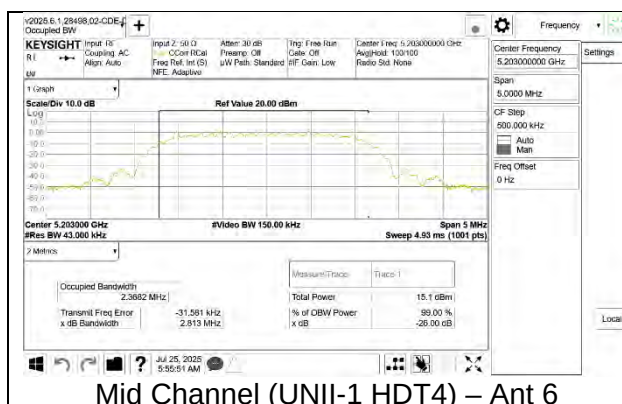




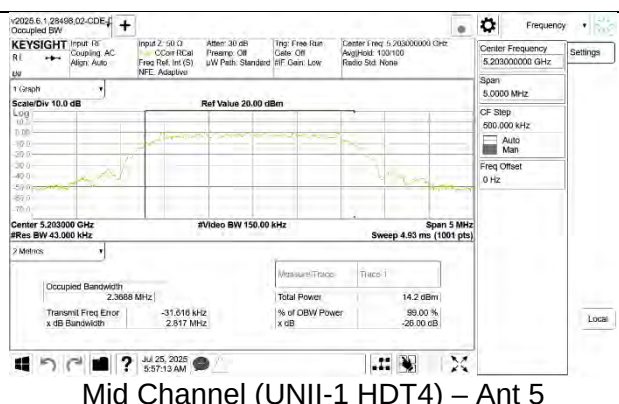
Mid Channel (UNII-1 HDT3) – Ant 6



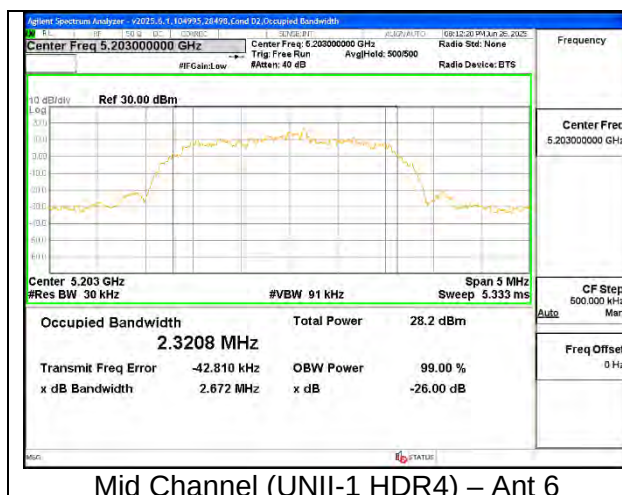
Mid Channel (UNII-1 HDT3) – Ant 5



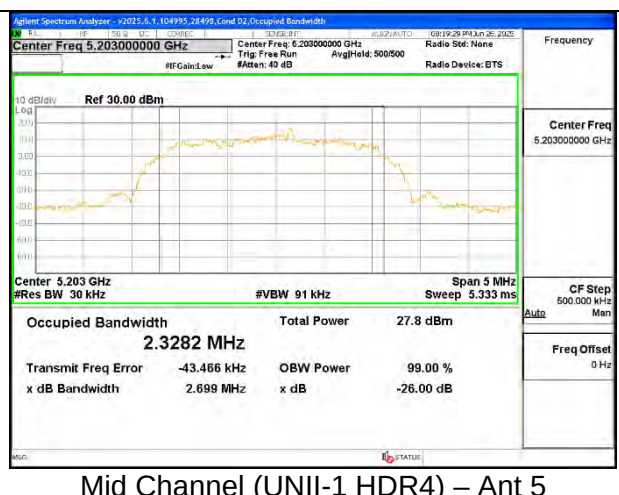
Mid Channel (UNII-1 HDT4) – Ant 6



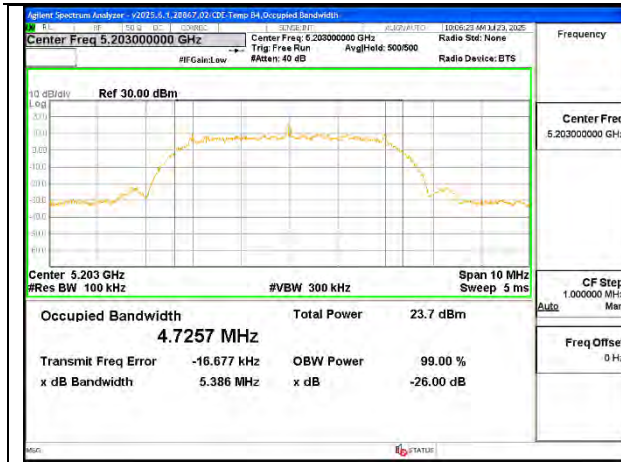
Mid Channel (UNII-1 HDT4) – Ant 5



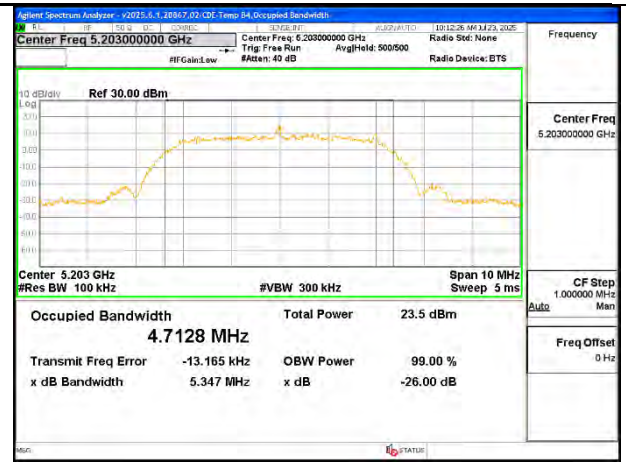
Mid Channel (UNII-1 HDR4) – Ant 6



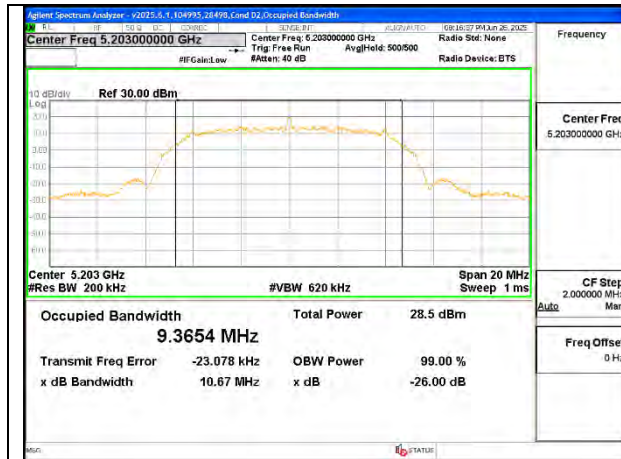
Mid Channel (UNII-1 HDR4) – Ant 5



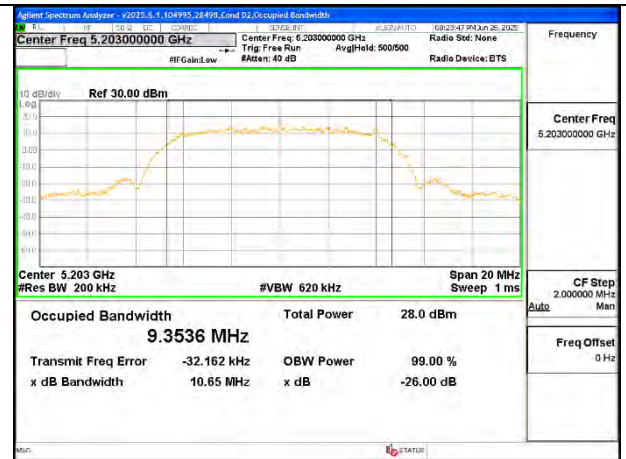
Mid Channel (UNII-1 XHDRPM8) – Ant 6



Mid Channel (UNII-1 XHDRPM8) – Ant 5



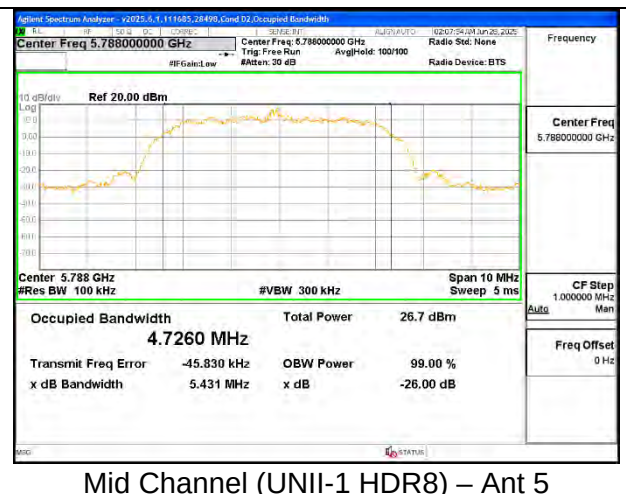
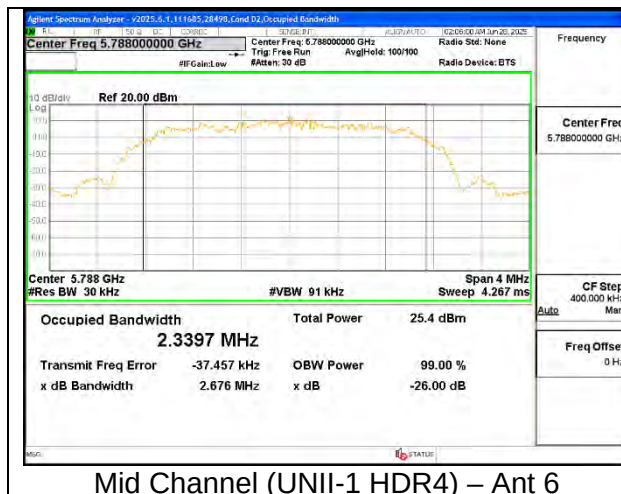
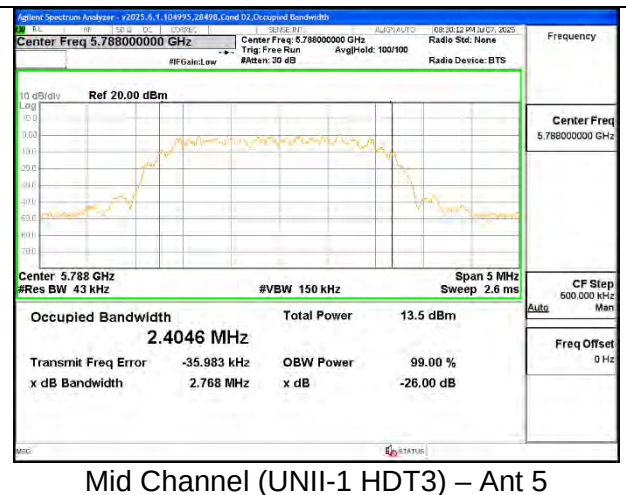
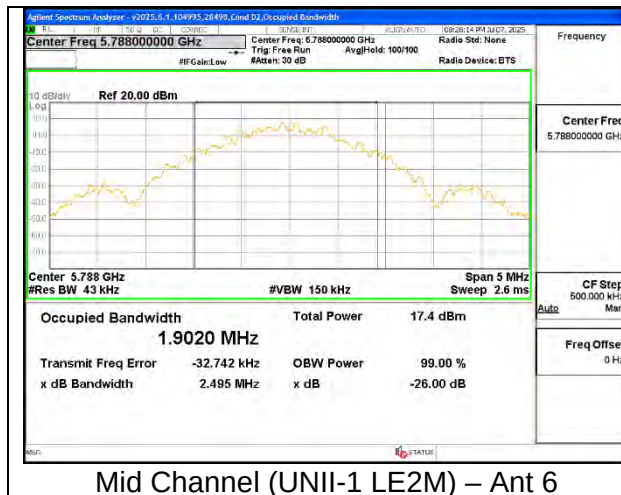
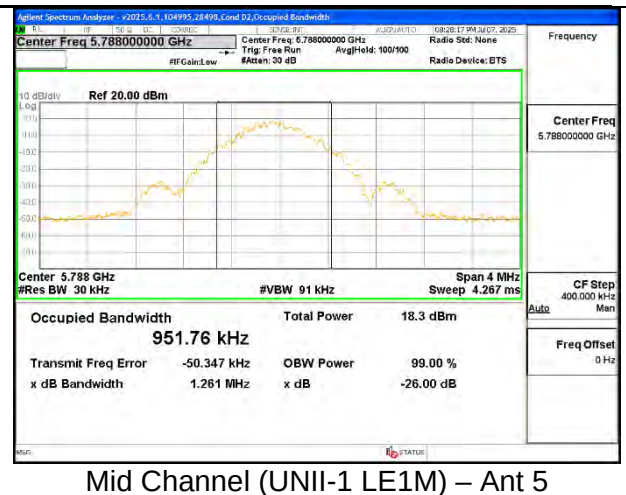
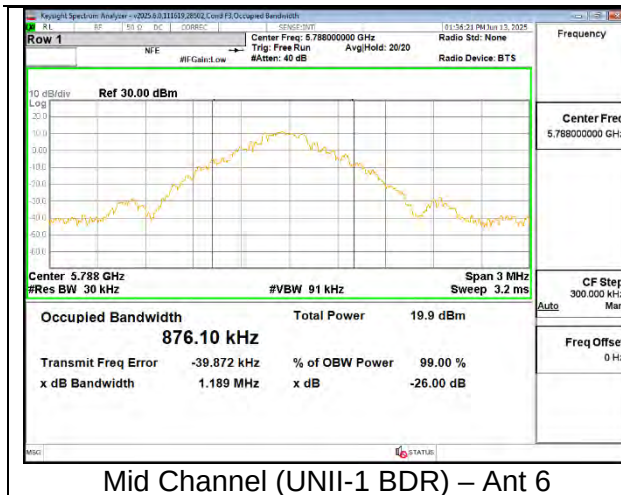
Mid Channel (UNII-1 HDRPL8) – Ant 6

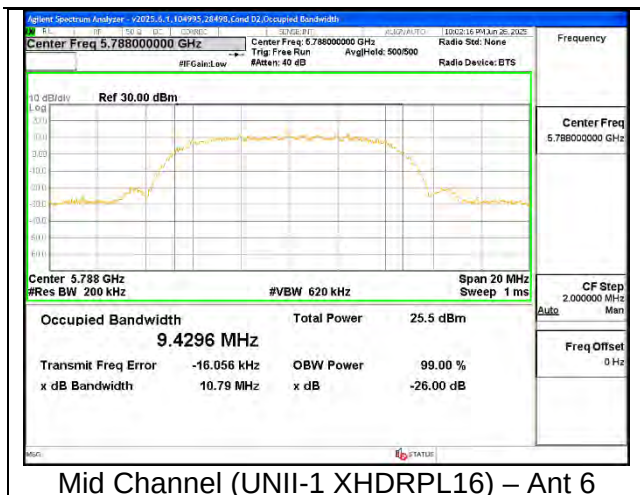


Mid Channel (UNII-1 HDRPL8) – Ant 5

9.2.3. UNII-3 HIGH POWER SISO MODE

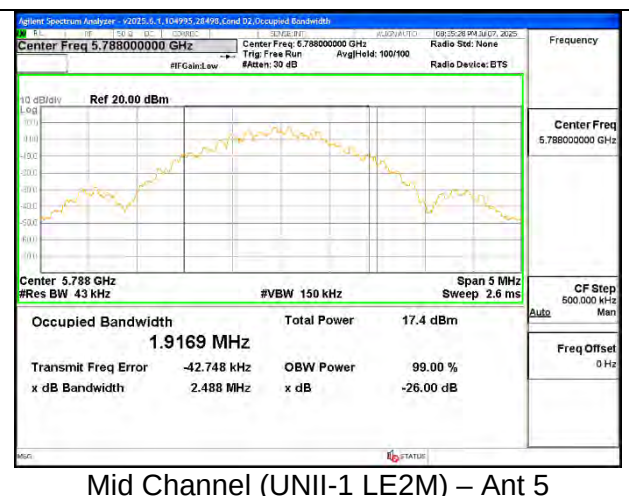
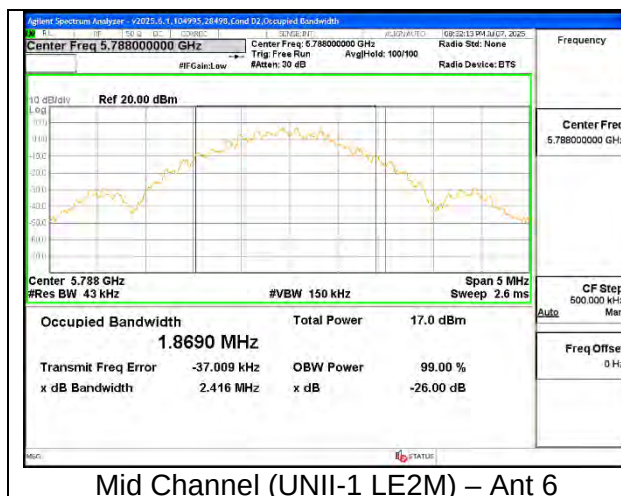
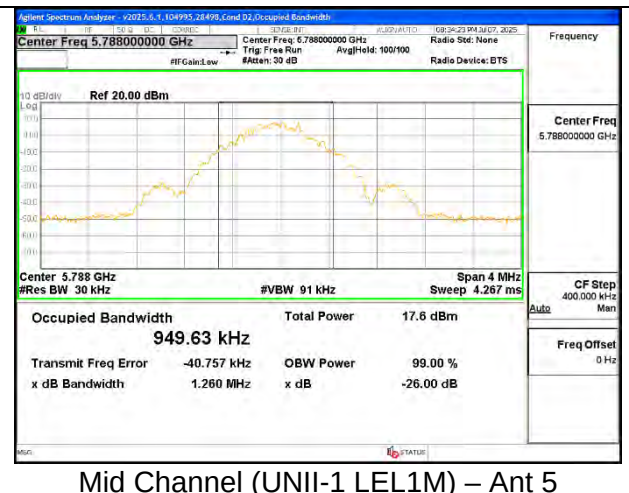
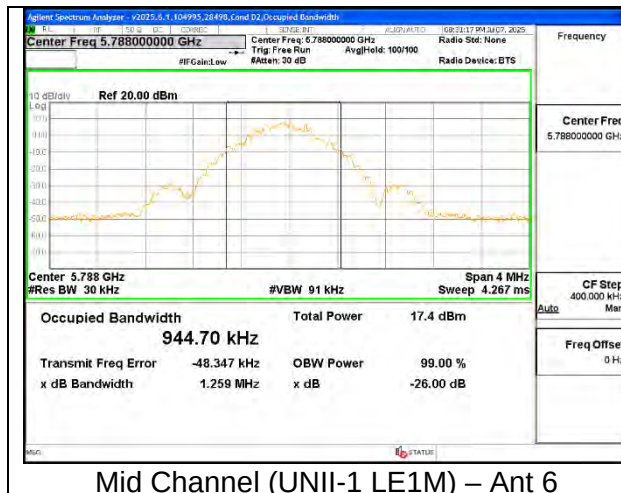
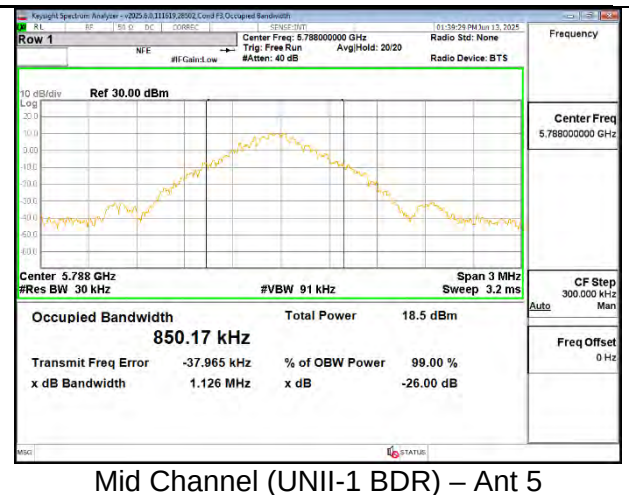
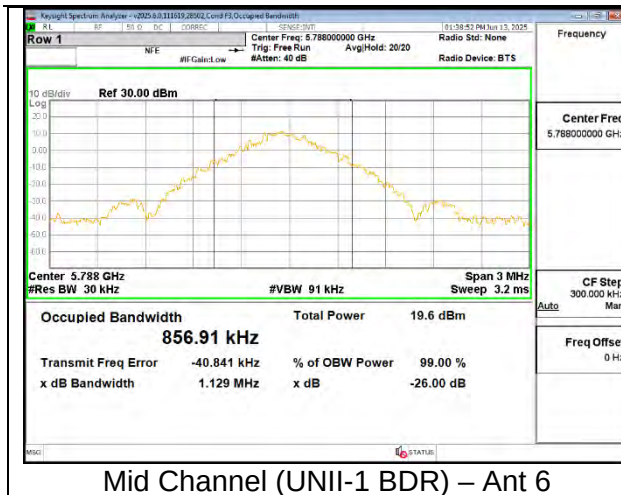
Worst-Case Mode (SISO)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5733	Low	1.137	1.132	0.8647	0.8514
	5788	Mid	1.189	1.124	0.8761	0.8546
	5844	High	1.252	1.257	0.9550	0.9191
LE1M	5733	Low	1.262	1.255	0.9516	0.9499
	5788	Mid	1.229	1.261	0.9405	0.9517
	5844	High	1.258	1.260	0.9502	0.9434
LE2M	5733	Low	2.417	2.412	1.9063	1.9079
	5788	Mid	2.495	2.501	1.9020	1.9103
	5844	High	2.415	2.415	1.9339	1.8960
HDT3	5733	Low	2.772	2.779	2.4045	2.3816
	5788	Mid	2.778	2.768	2.4093	2.4046
	5844	High	2.774	2.775	2.4119	2.4069
HDR4	5733	Low	2.670	2.694	2.3662	2.3204
	5788	Mid	2.676	2.667	2.3397	2.3442
	5844	High	2.696	2.719	2.3258	2.3268
HDR8	5733	Low	5.357	5.355	4.6392	4.6353
	5788	Mid	5.395	5.431	4.6790	4.7260
	5844	High	5.359	5.355	4.6387	4.6365
XHDRPL16	5733	Low	11.030	10.570	9.4177	9.3750
	5788	Mid	10.790	10.620	9.4296	9.3213
	5844	High	11.140	10.620	9.4423	9.3448

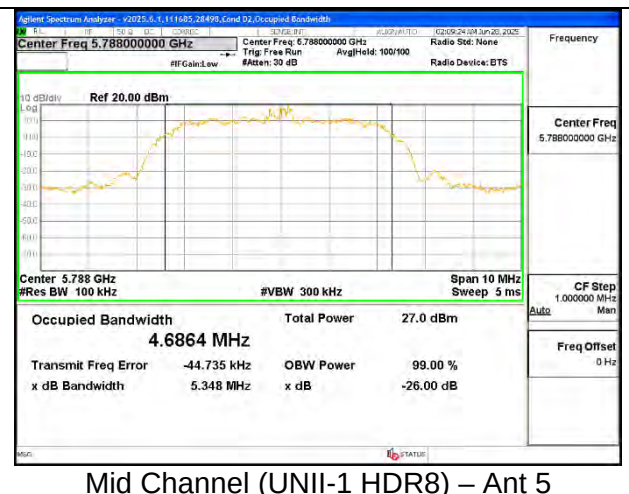
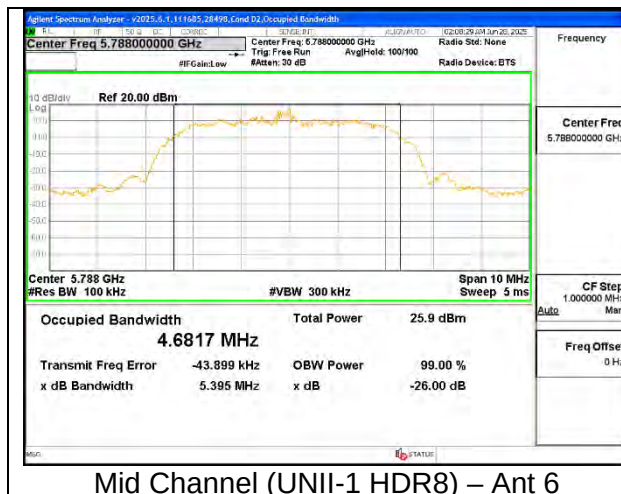
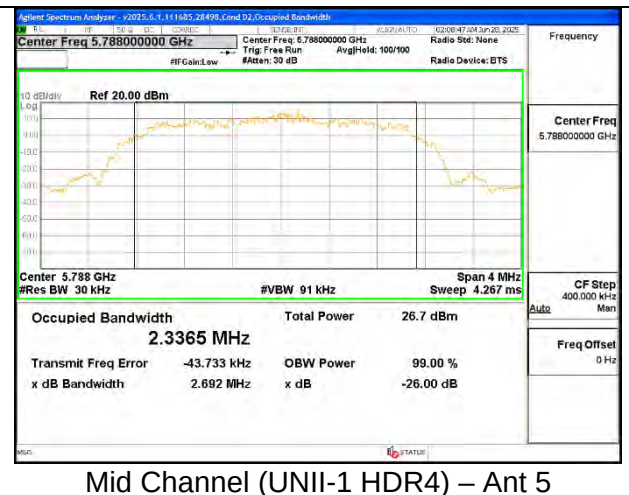
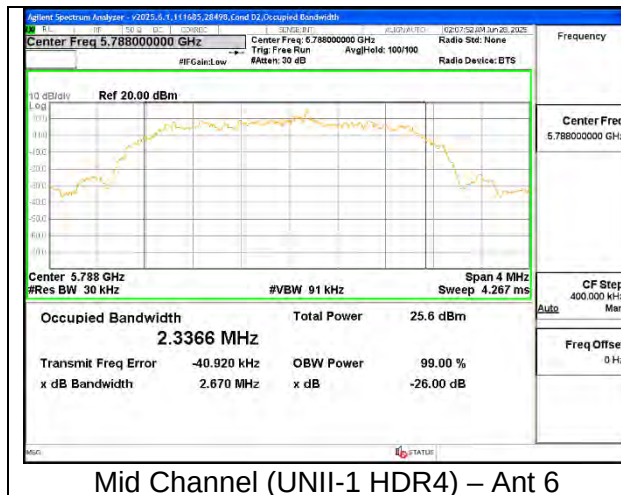
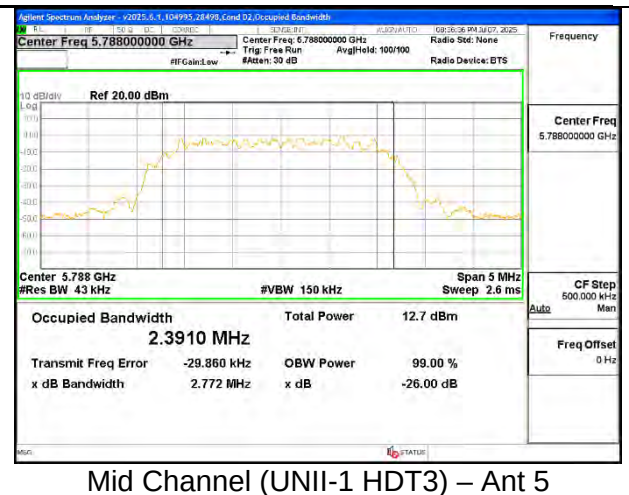
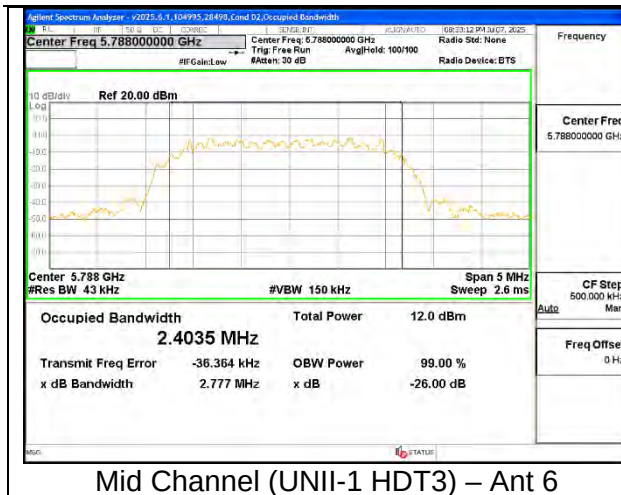


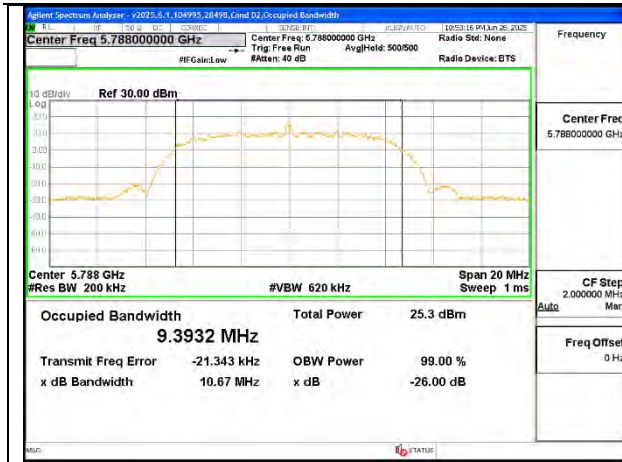


9.2.4. UNII-3 HIGH POWER TXBF MODE

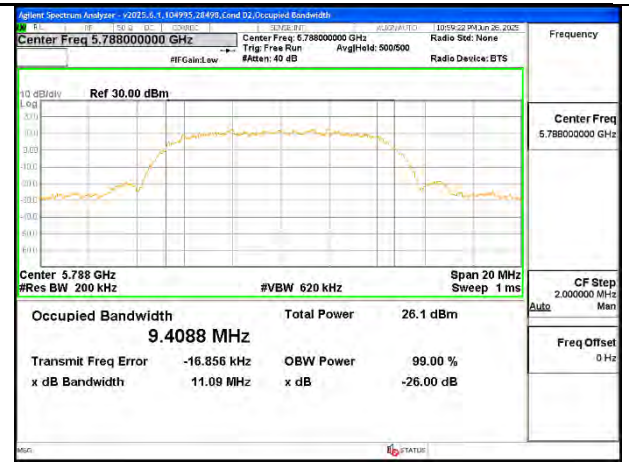
Worst-Case Mode (TxBF)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 5	Ant 6	Ant 5
BDR	5733	Low	1.186	1.140	0.8566	0.8476
	5788	Mid	1.129	1.126	0.8569	0.8501
	5844	High	1.244	1.248	0.9506	0.9488
LE1M	5733	Low	1.260	1.261	0.9368	0.9462
	5788	Mid	1.259	1.260	0.9447	0.9496
	5844	High	1.248	1.256	0.9417	0.9450
LE2M	5733	Low	2.499	2.414	1.9281	1.9297
	5788	Mid	2.416	2.488	1.8690	1.9169
	5844	High	2.417	2.406	1.9044	1.9022
HDT3	5733	Low	2.779	2.773	2.3999	2.4080
	5788	Mid	2.777	2.772	2.4035	2.3910
	5844	High	2.776	2.773	2.4102	2.4097
HDR4	5733	Low	2.672	2.693	2.3276	2.3256
	5788	Mid	2.670	2.692	2.3366	2.3365
	5844	High	2.698	2.699	2.3248	2.3278
HDR8	5733	Low	5.354	5.355	4.6473	4.6346
	5788	Mid	5.395	5.348	4.6817	4.6864
	5844	High	5.364	5.361	4.6452	4.6355
XHDRPL16	5733	Low	10.810	10.590	9.4057	9.3735
	5788	Mid	10.670	11.090	9.3932	9.4088
	5844	High	10.810	10.580	9.4054	9.3511







Mid Channel (UNII-1 XHDRPL16) – Ant 6



Mid Channel (UNII-1 XHDRPL16) – Ant 5

9.3. 6 dB BANDWIDTH**LIMITS**

FCC §15.407 (e)

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

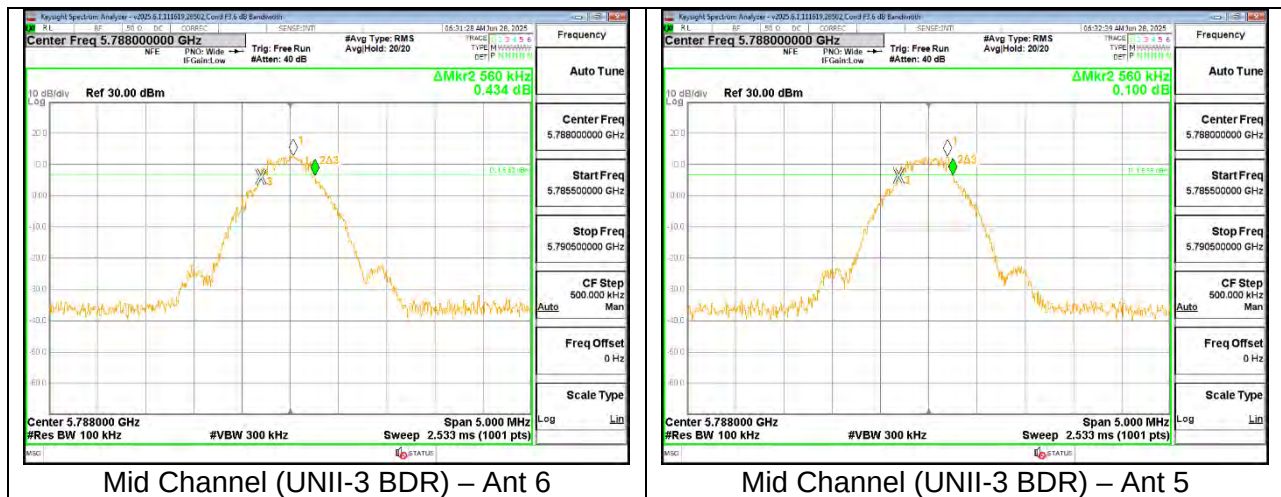
RESULTS

For 6dB bandwidth measurements, the narrowest bandwidths of BDR mode was set to test as the worst-case scenario.

Only High Power at BDR mode result is reported, it covers all Low Power modes. Only Mid channel plot is reported to show setting parameter complies with testing method/procedure.

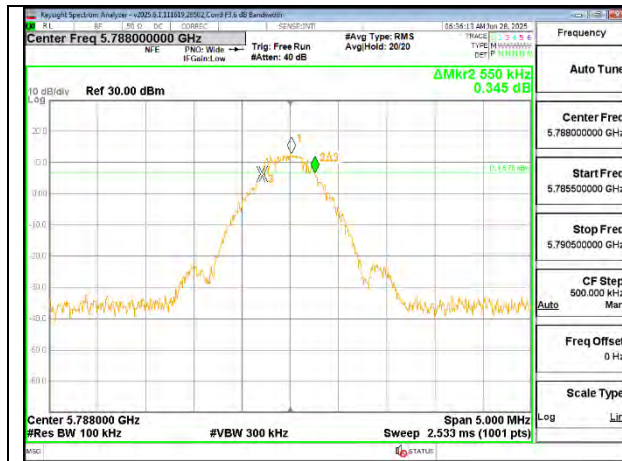
9.3.1. HIGH OUTPUT BDR SISO MODE IN THE UNII-3 BAND

UNII-3 (SISO)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
BDR	5733	Low	0.565	0.540
	5788	Mid	0.560	0.560
	5844	High	0.560	0.525



9.3.2. HIGH OUTPUT BDR TXBF MODE IN THE UNII-3 BAND

UNII-3 (TxBF)	Frequency (MHz)	Channel Number	6 dB BW (MHz)	
			Ant 6	Ant 5
BDR	5733	Low	0.555	0.565
	5788	Mid	0.550	0.555
	5844	High	0.560	0.565



Mid Channel (UNII-3 BDR) – Ant 6



Mid Channel (UNII-3 BDR) – Ant 5

9.4. OUTPUT POWER AND PSD**LIMITS****FCC §15.407****Band 5.15–5.25 GHz**

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Band 5.725-5.85 GHz

The maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, 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, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information.

TEST PROCEDURE

The measurement method used for output power is KDB 789033 D02, Section E.3.b (Method PM-G).

The measurement method used for power spectral density is KDB 789033 D02, Section F.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

Tx chains are correlated for power and correlated for PSD due to the device supporting TX BF in all MIMO modes. The directional gains are as follows:

Frequency Range (MHz)	Antenna 6 (dBi)	Antenna 5 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
5150 - 5250 UNII - 1	3.10	-6.90	0.50	2.48
5725 - 5825 UNII 3	2.30	-4.80	0.06	2.47

RESULTS:**DIRECTIONAL GAIN CALCULATION:**

ANSI C63.10-2020 section 14.6.3

Uncorrelated directional gain= $10 \cdot \log((10^{(Ant1/10)} + 10^{(Ant2/10)})/2)$

Correlated directional Gain= $10 \cdot \log(((10^{(Ant1/20)} + 10^{(Ant2/20)})^2)/2)$

Sample Calculation:

Ant6=3.10, Ant5=-6.90

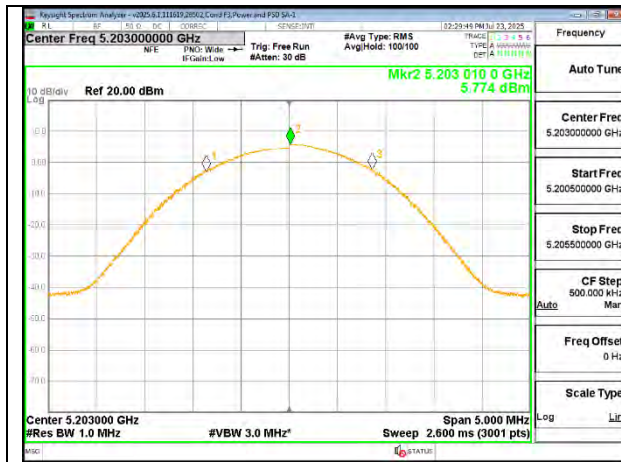
Uncorrelated Antenna gain= $10 \log[(10^{(3.10/10)} + 10^{(-6.90/10)})/2] = 0.50 \text{ dBi}$

Correlated Antenna gain= $10 \log[(10^{(3.10/20)} + 10^{(-6.90/20)})^2/2] = 2.48 \text{ dBi}$

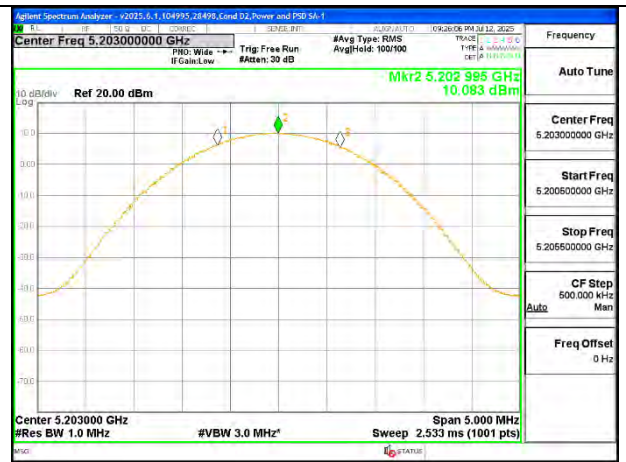
9.4.1. UNII-1 BAND SISO MODE

UNII-1 (SISO) (5162 - 5245MHz)	
Ant 6 (dBi)	3.10
Ant 5 (dBi)	-6.90

UNII-1 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Minimum Bandwidth (MHz)		Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/MHz)		PSD (dBm/MHz)		Total Corrected PSD (dBm/MHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant2	Ant 6	Ant 5	Ant 6	Ant 5
BDR	High	5162	Low	0	--	24	24	9.90	9.95	9.90	9.95	11	11	5.895	6.654	5.895	6.654	
		5203	Mid					9.98	9.96	9.98	9.96			5.774	6.523	5.774	6.523	
		5245	High					9.90	9.93	9.90	9.93			5.489	6.622	5.489	6.622	
	Low	5162	Low					2.46	2.73	2.46	2.73			1.600	1.946	1.600	1.946	
		5203	Mid					2.40	2.74	2.40	2.74			1.353	1.842	1.353	1.842	
		5245	High					2.43	2.66	2.43	2.66			1.566	1.867	1.566	1.867	
LE1M	High	5162	Low	0.72				10.24	10.15	10.24	10.15			9.574	9.942	10.294	10.662	
		5203	Mid					10.17	10.17	10.17	10.17			9.781	10.083	10.501	10.803	
		5245	High					10.18	10.16	10.18	10.16			9.588	10.110	10.308	10.830	
	Low	5162	Low					2.44	2.68	2.44	2.68			2.564	2.627	3.284	3.347	
		5203	Mid					2.41	2.74	2.41	2.74			2.520	2.616	3.240	3.336	
		5245	High					2.48	2.66	2.48	2.66			2.547	2.652	3.267	3.372	
LE2M	High	5162	Low	2.45				10.89	10.95	10.89	10.95			8.164	8.493	10.614	10.943	
		5203	Mid					10.91	10.97	10.91	10.97			8.194	8.458	10.644	10.908	
		5245	High					10.92	10.89	10.92	10.89			7.988	8.519	10.438	10.969	
	Low	5162	Low					2.45	2.69	2.45	2.69			-0.163	-0.065	2.287	2.385	
		5203	Mid					2.47	2.70	2.47	2.70			-0.161	-0.006	2.289	2.444	
		5245	High					2.44	2.71	2.44	2.71			-0.338	-0.105	2.112	2.345	
HDT3	High	5162	Low	0.23				12.41	12.31	12.41	12.31			10.533	10.192	10.763	10.422	
		5203	Mid					12.42	12.45	12.42	12.45			10.680	10.416	10.910	10.646	
		5245	High					12.48	12.44	12.48	12.44			10.583	10.163	10.813	10.393	
	Low	5162	Low					-0.58	-0.27	-0.58	-0.27			-3.035	-3.135	-2.805	-2.905	
		5203	Mid					-0.61	-0.26	-0.61	-0.26			-3.016	-3.105	-2.786	-2.875	
		5245	High					-0.57	-0.31	-0.57	-0.31			-3.367	-3.025	-3.137	-2.795	
HDT4	High	5162	Low	0.30				12.41	12.36	12.41	12.36			9.266	9.255	9.496	9.485	
		5203	Mid					12.42	12.45	12.42	12.45			9.244	9.374	9.474	9.604	
		5245	High					12.45	12.38	12.45	12.38			9.254	9.129	9.484	9.359	
	Low	5162	Low					-0.57	-0.33	-0.57	-0.33			-3.611	-3.159	-3.381	-2.929	
		5203	Mid					-0.51	-0.35	-0.51	-0.35			-3.558	-3.008	-3.328	-2.778	
		5245	High					-0.51	-0.33	-0.51	-0.33			-3.518	-3.387	-3.288	-3.157	
HDR4	High	5162	Low	1.3				12.13	12.18	12.13	12.18			9.531	9.415	10.831	10.715	
		5203	Mid					12.13	12.19	12.13	12.19			9.668	9.524	10.968	10.824	
		5245	High					12.17	12.13	12.17	12.13			9.400	9.304	10.700	10.604	
	Low	5162	Low					-0.52	-0.27	-0.52	-0.27			-3.000	-2.297	-1.700	-0.997	
		5203	Mid					-0.53	-0.30	-0.53	-0.30			-3.249	-2.432	-1.949	-1.132	
		5245	High					-0.55	-0.29	-0.55	-0.29			-2.994	-2.471	-1.694	-1.171	
XHDRPM8	High	5162	Low	0.34				13.95	14.45	13.95	14.45			8.336	8.664	8.676	9.004	
		5203	Mid					13.97	14.41	13.97	14.41			8.420	8.683	8.760	9.023	
		5245	High					13.92	14.42	13.92	14.42			8.452	8.957	8.792	9.297	
	Low	5162	Low					-0.54	-0.35	-0.54	-0.35			-7.074	-6.594	-6.734	-6.254	
		5203	Mid					-0.56	-0.37	-0.56	-0.37			-6.928	-6.396	-6.588	-6.056	
		5245	High					-0.55	-0.33	-0.55	-0.33			-7.462	-6.271	-7.122	-5.931	
HDRPL8	High	5164	Low	0.24				13.95	14.46	13.95	14.46			6.659	7.577	6.899	7.817	
		5203	Mid					13.91	14.45	13.91	14.45			6.633	7.564	6.873	7.804	
		5242	High					13.90	14.46	13.90	14.46			6.613	7.429	6.853	7.669	
	Low	5164	Low					-0.56	-0.31	-0.56	-0.31			-8.524	-6.949	-8.284	-6.709	
		5203	Mid					-0.57	-0.27	-0.57	-0.27			-8.564	-7.088	-8.324	-6.848	
		5242	High					-0.55	-0.35	-0.55	-0.35			-8.435	-7.324	-8.195	-7.084	



Mid Channel (UNII-1 BDR) – Ant 6



Mid Channel (UNII-1 LE1M) – Ant 5



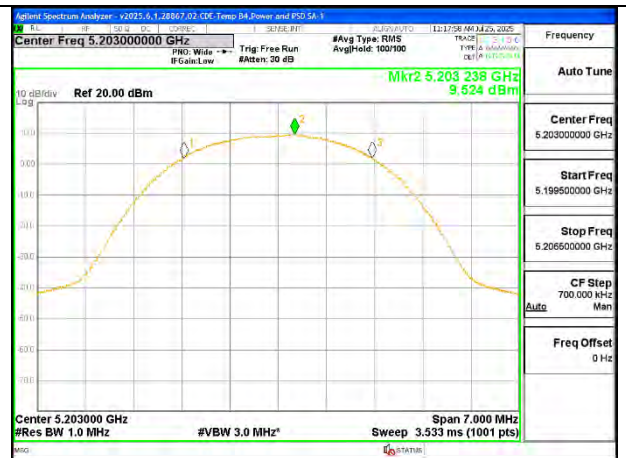
Mid Channel (UNII-1 LE2M) – Ant 6



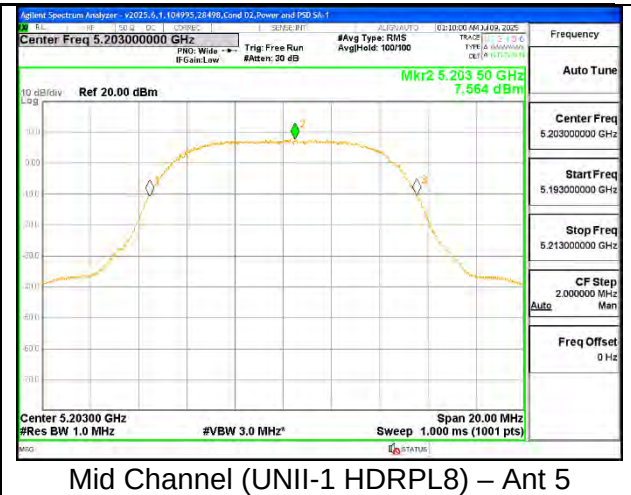
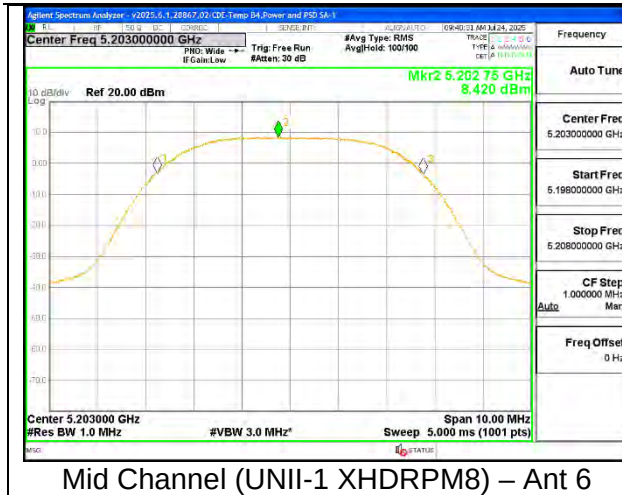
Mid Channel (UNII-1 HDT3) – Ant 5



Mid Channel (UNII-1 HDT4) – Ant 6



Mid Channel (UNII-1 HDR4) – Ant 5



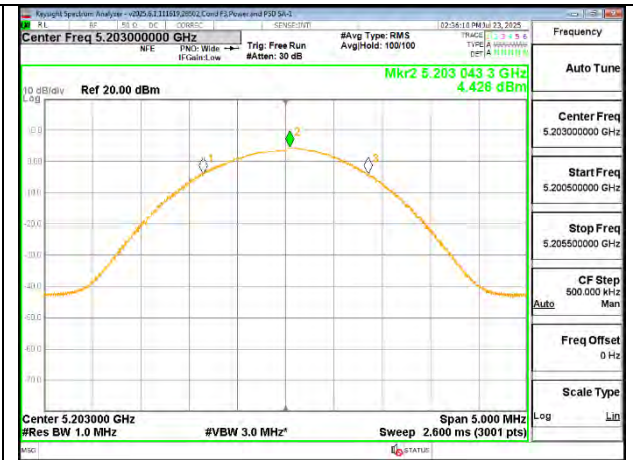
9.4.2. UNII-1 BAND MIMO TXBF MODE

UNII-1 (TxBF) (5162 - 5245MHz)	
Un-Correlated Gain (dBi)	0.50
Correlated Gain (dBi)	2.48

UNII-1 (TxBF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Min BW (MHz)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/MHz)	PSD (dBm/MHz)		Total MIMO Corrected PSD (dBm/MHz)
							Ant 6	Ant 5			Ant 6	Ant 5	
BDR	High	5162	Low	0	--	24	6.95	6.97	9.97	11	2.686	4.322	6.591
		5203	Mid				6.94	6.98	9.97		2.452	4.426	6.561
		5245	High				6.91	6.97	9.95		2.899	4.117	6.561
	Low	5162	Low				2.41	2.67	5.55		1.706	2.248	4.996
		5203	Mid				2.42	2.66	5.55		1.636	1.869	4.764
		5245	High				2.42	2.66	5.55		1.548	1.913	4.745
LE1M	High	5162	Low	0.72			7.23	7.24	10.25		6.963	7.324	10.878
		5203	Mid				7.24	7.17	10.22		6.924	7.065	10.725
		5245	High				7.24	7.24	10.25		6.759	7.021	10.622
	Low	5162	Low				2.45	2.70	5.59		2.256	2.104	5.911
		5203	Mid				2.48	2.71	5.61		2.127	2.452	6.023
		5245	High				2.44	2.70	5.58		2.068	2.471	6.004
LE2M	High	5162	Low	2.45			7.97	7.93	10.96		5.476	5.508	10.952
		5203	Mid				7.96	7.95	10.97		5.087	5.585	10.803
		5245	High				7.89	7.95	10.93		5.129	5.532	10.795
	Low	5162	Low				2.41	2.68	5.56		-0.543	-0.032	5.180
		5203	Mid				2.42	2.73	5.59		-0.547	-0.157	5.113
		5245	High				2.44	2.71	5.59		-0.702	-0.039	5.102
HDT3	High	5162	Low	0.23			9.44	9.47	12.47		7.569	7.393	10.722
		5203	Mid				9.41	9.46	12.45		7.473	7.273	10.614
		5245	High				9.46	9.45	12.47		7.542	7.156	10.594
	Low	5162	Low				-0.57	-0.27	2.59		-2.868	-2.588	0.515
		5203	Mid				-0.57	-0.33	2.56		-2.839	-2.664	0.490
		5245	High				-0.55	-0.32	2.58		-2.941	-2.606	0.470
HDT4	High	5162	Low	0.30			9.47	9.45	12.47		5.941	5.734	9.079
		5203	Mid				9.47	9.44	12.47		5.847	5.948	9.138
		5245	High				9.43	9.43	12.44		5.761	6.049	9.148
	Low	5162	Low				-0.53	-0.32	2.59		-3.763	-3.371	-0.322
		5203	Mid				-0.57	-0.31	2.57		-3.718	-3.356	-0.293
		5245	High				-0.54	-0.33	2.58		-3.566	-3.424	-0.254
HDR4	High	5162	Low	1.3			9.17	9.18	12.19		3.269	3.421	7.656
		5203	Mid				9.13	9.12	12.14		3.271	3.404	7.648
		5245	High				9.14	9.15	12.16		3.426	3.535	7.791
	Low	5162	Low				-0.52	-0.32	2.59		-3.706	-2.679	1.148
		5203	Mid				-0.54	-0.32	2.58		-3.725	-2.992	0.967
		5245	High				-0.52	-0.31	2.60		-3.933	-3.074	0.828
XHDRPM8	High	5162	Low	0.34			11.89	11.86	14.89		6.923	6.265	9.957
		5203	Mid				11.93	11.92	14.94		6.811	6.215	9.874
		5245	High				11.94	11.89	14.93		6.622	6.208	9.770
	Low	5162	Low				-0.55	-0.31	2.58		-7.285	-7.187	-3.885
		5203	Mid				-0.58	-0.33	2.56		-6.977	-6.778	-3.526
		5245	High				-0.56	-0.35	2.56		-6.927	-6.806	-3.516
HDRPL8	High	5164	Low	0.24			13.92	14.37	17.16		7.184	7.776	10.740
		5203	Mid				13.95	14.42	17.20		7.023	7.762	10.658
		5242	High				13.93	14.42	17.19		6.083	7.575	10.143
	Low	5164	Low				-0.51	-0.33	2.59		-8.711	-7.396	-4.754
		5203	Mid				-0.52	-0.32	2.59		-8.735	-7.528	-4.839
		5242	High				-0.57	-0.38	2.54		-8.972	-7.191	-4.741



Mid Channel (UNII-1 BDR) – Ant 6 - FCC



Mid Channel (UNII-1 BDR) – Ant 5 - FCC

9.4.3. UNII-3 BAND SISO MODE

UNII-3 (SISO) (5733- 5844MHz)	
Ant 6 (dBi)	2.30
Ant 5 (dBi)	-4.80

UNII-3 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)		Output Power (Gated) (dBm)		Total Corrected Power (dBm)		PSD Limit (dBm/500kHz)		PSD (dBm/500kHz)		Total Corrected PSD (dBm/500kHz)	
					Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5	Ant 6	Ant 5
BDR	High	5733	Low	0	30	30	19.19	19.42	19.19	19.42	30	30	15.046	15.490	15.046	15.490
		5788	Mid				19.12	19.39	19.12	19.39			15.184	15.874	15.184	15.874
		5844	High				19.16	19.45	19.16	19.45			15.157	15.977	15.157	15.977
	Low	5733	Low				2.89	3.15	2.89	3.15			-1.320	-0.371	-1.320	-0.371
		5788	Mid				2.97	3.14	2.97	3.14			-1.192	-0.265	-1.192	-0.265
		5844	High				2.92	3.12	2.92	3.12			-1.172	-0.522	-1.172	-0.522
LE1M	High	5733	Low	19.23			19.41	19.23	19.41	17.583			18.381	18.303	19.101	
		5788	Mid	19.21			19.36	19.21	19.36	17.516			18.018	18.236	18.738	
		5844	High	19.19			19.48	19.19	19.48	17.746			18.060	18.466	18.780	
	Low	5733	Low	2.94			3.14	2.94	3.14	1.978			2.078	2.698	2.798	
		5788	Mid	2.96			3.19	2.96	3.19	1.764			2.085	2.484	2.805	
		5844	High	2.92			3.16	2.92	3.16	1.851			1.984	2.571	2.704	
LE2M	High	5733	Low	19.18			19.44	19.18	19.44	14.524			14.827	16.974	17.277	
		5788	Mid	19.24			19.45	19.24	19.45	14.394			14.877	16.844	17.327	
		5844	High	19.18			19.42	19.18	19.42	14.477			14.985	16.927	17.435	
	Low	5733	Low	2.95			3.14	2.95	3.14	-1.610			-1.368	0.840	1.082	
		5788	Mid	2.93			3.15	2.93	3.15	-1.689			-1.447	0.761	1.003	
		5844	High	2.94			3.13	2.94	3.13	-1.841			-1.602	0.609	0.848	
HDT3	High	5733	Low	14.21			14.48	14.21	14.48	9.905			10.375	10.135	10.605	
		5788	Mid	14.16			14.45	14.16	14.45	9.735			10.207	9.965	10.437	
		5844	High	14.16			14.46	14.16	14.46	9.672			10.025	9.902	10.255	
	Low	5733	Low	-0.01			0.17	-0.01	0.17	-4.445			-4.007	-4.215	-3.777	
		5788	Mid	-0.13			0.24	-0.13	0.24	-4.758			-4.048	-4.528	-3.818	
		5844	High	-0.01			0.16	-0.01	0.16	-4.855			-4.129	-4.625	-3.899	
HDR4	High	5733	Low	14.15			14.42	14.15	14.42	9.459			9.607	10.759	10.907	
		5788	Mid	14.19			14.37	14.19	14.37	9.268			9.443	10.568	10.743	
		5844	High	14.23			14.48	14.23	14.48	9.148			9.602	10.448	10.902	
	Low	5733	Low	-0.08			0.22	-0.08	0.22	-4.975			-4.859	-3.675	-3.559	
		5788	Mid	-0.07			0.18	-0.07	0.18	-4.922			-4.883	-3.622	-3.583	
		5844	High	-0.12			0.24	-0.12	0.24	-5.112			-5.016	-3.812	-3.716	
HDR8	High	5733	Low	14.16			14.43	14.16	14.43	6.667			6.720	7.937	7.990	
		5788	Mid	14.13			14.43	14.13	14.43	6.339			6.692	7.609	7.962	
		5844	High	14.15			14.48	14.15	14.48	6.302			7.053	7.572	8.323	
	Low	5733	Low	-0.01			0.19	-0.01	0.19	-7.625			-7.457	-6.355	-6.187	
		5788	Mid	-0.09			0.15	-0.09	0.15	-7.617			-7.380	-6.347	-6.110	
		5844	High	-0.06			0.16	-0.06	0.16	-7.307			-7.090	-6.037	-5.820	
XHDRPL16	High	5733	Low	14.24			14.41	14.24	14.41	4.218			4.407	4.428	4.617	
		5788	Mid	14.18			14.36	14.18	14.36	4.253			4.437	4.463	4.647	
		5844	High	14.22			14.41	14.22	14.41	4.140			4.416	4.350	4.626	
	Low	5733	Low	-0.09			0.16	-0.09	0.16	-10.168			-10.001	-9.958	-9.791	
		5788	Mid	-0.02			0.19	-0.02	0.19	-10.621			-10.063	-10.411	-9.853	
		5844	High	-0.09			0.22	-0.09	0.22	-10.217			-10.058	-10.007	-9.848	



Mid Channel (UNII-1 BDR) – Ant 6



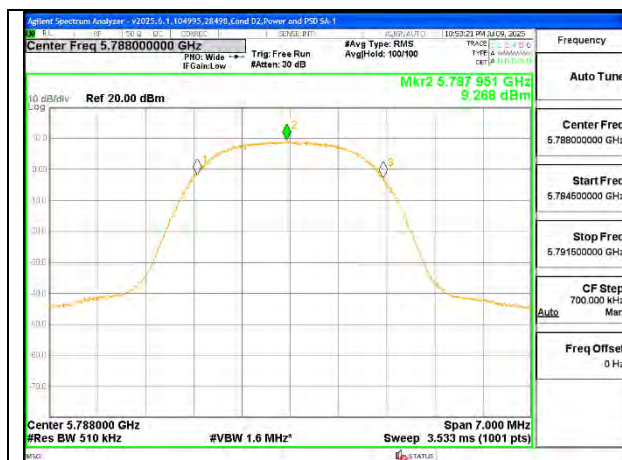
Mid Channel (UNII-1 LE1M) – Ant 5



Mid Channel (UNII-1 LE2M) – Ant 6



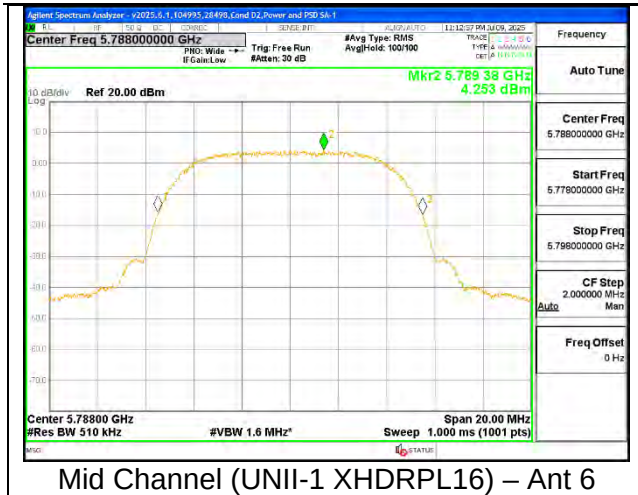
Mid Channel (UNII-1 HDT3) – Ant 5



Mid Channel (UNII-1 HDR4) – Ant 6



Mid Channel (UNII-1 HDR8) – Ant 5



9.4.4. UNII-3 BAND MIMO TXBF MODE

UNII-3 (TxBF) (5733- 5844MHz)	
Un-Correlated Gain (dBi)	0.06
Correlated Gain (dBi)	2.47

UNII-3 (TxBF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Power Limit (dBm)	Output Power (Gated) (dBm)		Total MIMO Corrected Power (dBm)	PSD Limit (dBm/500kHz)	PSD (dBm/500kHz)		Total MIMO Corrected PSD (dBm/500kHz)
						Ant 6	Ant 5			Ant 6	Ant 5	
BDR	High	5733	Low	0	30	19.12	19.41	22.28	30	15.507	16.081	18.814
		5788	Mid			19.13	19.38	22.27		15.365	16.161	18.792
		5844	High			19.07	19.47	22.28		15.520	16.195	18.881
	Low	5733	Low			2.96	3.19	6.09		-0.846	-0.204	2.497
		5788	Mid			2.97	3.15	6.07		-1.104	0.051	2.522
		5844	High			2.95	3.18	6.08		-0.930	0.213	2.689
LE1M	High	5733	Low	0.72		19.24	19.45	22.36		17.857	18.378	21.856
		5788	Mid			19.15	19.44	22.31		17.711	17.986	21.581
		5844	High			19.18	19.36	22.28		17.912	18.007	21.690
	Low	5733	Low			2.93	3.21	6.08		1.988	2.067	5.758
		5788	Mid			2.89	3.19	6.05		1.702	1.919	5.542
		5844	High			2.93	3.23	6.09		1.690	2.081	5.620
LE2M	High	5733	Low	2.45		19.23	19.45	22.35		14.640	15.583	20.597
		5788	Mid			19.15	19.45	22.31		14.503	15.223	20.338
		5844	High			19.22	19.44	22.34		14.754	15.464	20.584
	Low	5733	Low			2.95	3.23	6.10		-1.989	-1.363	3.796
		5788	Mid			2.93	3.21	6.08		-1.715	-1.272	3.972
		5844	High			2.97	3.22	6.11		-2.041	-1.453	3.723
HDT3	High	5733	Low	0.23		14.20	14.44	17.33		9.985	10.179	13.323
		5788	Mid			14.21	14.44	17.34		9.898	9.995	13.187
		5844	High			14.23	14.40	17.33		9.608	9.865	12.979
	Low	5733	Low			-0.16	0.23	3.05		-4.590	-4.121	-1.109
		5788	Mid			-0.09	0.17	3.05		-4.742	-4.297	-1.274
		5844	High			-0.04	0.19	3.09		-4.549	-4.162	-1.111
HDR4	High	5733	Low	1.3		14.15	14.46	17.32		9.115	9.635	13.693
		5788	Mid			14.14	14.41	17.29		9.241	9.482	13.673
		5844	High			14.12	14.45	17.30		9.151	9.433	13.605
	Low	5733	Low			-0.02	0.19	3.10		-4.703	-4.564	-0.323
		5788	Mid			-0.07	0.24	3.10		-4.931	-4.695	-0.501
		5844	High			-0.05	0.14	3.06		-4.863	-4.603	-0.421
HDR8	High	5733	Low	1.27		14.22	14.43	17.34		6.473	7.226	11.146
		5788	Mid			14.22	14.38	17.31		6.501	7.073	11.077
		5844	High			14.23	14.46	17.36		6.733	7.213	11.260
	Low	5733	Low			-0.10	0.17	3.05		-7.387	-7.205	-3.015
		5788	Mid			-0.09	0.16	3.05		-7.637	-7.401	-3.237
		5844	High			-0.06	0.12	3.04		-7.647	-7.217	-3.146
XHDRPL16	High	5733	Low	0.21		14.15	14.34	17.26		4.100	4.201	7.371
		5788	Mid			14.20	14.37	17.30		3.933	4.401	7.394
		5844	High			14.17	14.46	17.33		3.858	4.128	7.215
	Low	5733	Low			-0.10	0.16	3.04		-10.082	-9.946	-6.793
		5788	Mid			-0.04	0.19	3.09		-10.150	-10.081	-6.895
		5844	High			-0.03	0.22	3.11		-10.441	-10.121	-7.058



10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz and 1.5 meters above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 kHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

Note: The limits in CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as report in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

RESULTS

10.1. TRANSMITTER ABOVE 1 GHz**10.1.1. UNII-1 BAND SISO MODE – BANDEDGE – HIGH POWER**

UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6	* 5.15	56.83	Pk	34.4	-35.43	0	55.8	-	-	74	-18.2	32	102	H
			* 5.130251	58.26	Pk	34.4	-35.51	0	57.15	-	-	74	-16.85	32	102	H
			* 5.15	45.21	RMS	34.4	-35.43	0	44.18	54	-9.82	-	-	32	102	H
			* 5.001417	47.1	RMS	34.3	-35.87	0	45.53	54	-8.47	-	-	32	102	H
			* 5.15	55.91	Pk	34.4	-35.43	0	54.88	-	-	74	-19.12	283	114	V
			* 5.123973	58.38	Pk	34.4	-35.5	0	57.28	-	-	74	-16.72	283	114	V
		5	* 5.15	45.33	RMS	34.4	-35.43	0	44.3	54	-9.7	-	-	283	114	V
			* 5.002583	47.01	RMS	34.3	-35.85	0	45.46	54	-8.54	-	-	283	114	V
			* 5.15	56.3	Pk	34.4	-37.58	0	53.12	-	-	74	-20.88	150	225	H
			* 5.028861	58.9	Pk	34.4	-37.67	0	55.63	-	-	74	-18.37	150	225	H
			* 5.15	46.43	RMS	34.4	-37.58	0	43.25	54	-10.75	-	-	150	225	H
			* 5.008445	47.41	RMS	34.4	-37.73	0	44.08	54	-9.92	-	-	150	225	H
			* 5.15	56.99	Pk	34.4	-37.58	0	53.81	-	-	74	-20.19	222	157	V
			* 5.014861	59.37	Pk	34.4	-37.7	0	56.07	-	-	74	-17.93	222	157	V
			* 5.15	46.37	RMS	34.4	-37.58	0	43.19	54	-10.81	-	-	222	157	V
			* 5.005806	47.46	RMS	34.4	-37.73	0	44.13	54	-9.87	-	-	222	157	V
LE1M	5162	6	* 5.150	52.08	Pk	34.4	-30.7	0	55.78	-	-	74	-18.22	151	118	H
			* 5.149832	53.59	Pk	34.4	-30.7	0	57.29	-	-	74	-16.71	151	118	H
			* 5.150	41.18	RMS	34.4	-30.7	0.72	45.6	54	-8.4	-	-	151	118	H
			* 5.149832	41.74	RMS	34.4	-30.7	0.72	46.16	54	-7.84	-	-	151	118	H
			* 5.150	50.21	Pk	34.4	-30.7	0	53.91	-	-	74	-20.09	16	123	V
			* 5.101357	52.87	Pk	34.3	-30.7	0	56.47	-	-	74	-17.53	16	123	V
		5	* 5.150	39.12	RMS	34.4	-30.7	0.72	43.54	54	-10.46	-	-	16	123	V
			* 5.001125	41.38	RMS	34.1	-30.8	0.72	45.4	54	-8.6	-	-	16	123	V
			* 5.15	38.74	Pk	34.1	-17.8	0	55.04	-	-	74	-18.96	259	138	H
			* 5.139893	41.57	Pk	34.1	-17.8	0	57.87	-	-	74	-16.13	259	138	H
			* 5.15	28.6	RMS	34.1	-17.8	0.72	45.62	54	-8.38	-	-	259	138	H
			* 5.002157	29.6	RMS	34	-17.3	0.72	47.02	54	-6.98	-	-	259	138	H
			* 5.15	37.66	Pk	34.1	-17.8	0	53.96	-	-	74	-20.04	160	108	V
			* 5.007407	40.75	Pk	34	-17.3	0	57.45	-	-	74	-16.55	160	108	V
			* 5.15	27.82	RMS	34.1	-17.8	0.72	44.84	54	-9.16	-	-	160	108	V
			* 5.004688	29.07	RMS	34	-17.2	0.72	46.59	54	-7.41	-	-	160	108	V
LE2M	5162	6	* 5.150	51.16	Pk	34.4	-30.7	0	54.86	-	-	74	-19.14	149	115	H
			* 5.149863	53.42	Pk	34.4	-30.7	0	57.12	-	-	74	-16.88	149	115	H
			* 5.150	40.9	RMS	34.4	-30.7	2.45	47.05	54	-6.95	-	-	149	115	H
			* 5.142268	41.2	RMS	34.4	-30.7	2.45	47.35	54	-6.65	-	-	149	115	H
			* 5.150	50.67	Pk	34.4	-30.7	0	54.37	-	-	74	-19.63	22	124	V
			* 5.007782	53.12	Pk	34.1	-30.9	0	56.32	-	-	74	-17.68	22	124	V
		5	* 5.150	39.34	RMS	34.4	-30.7	2.45	45.49	54	-8.51	-	-	22	124	V
			* 5.006688	41.22	RMS	34.1	-30.9	2.45	46.87	54	-7.13	-	-	22	124	V
			* 5.15	39.34	Pk	34.1	-17.8	0	55.64	-	-	74	-18.36	253	101	H
			* 5.096262	40.78	Pk	34.1	-17.6	0	57.28	-	-	74	-16.72	253	101	H
			* 5.15	28.03	RMS	34.1	-17.8	2.45	46.78	54	-7.22	-	-	253	101	H
			* 5.008095	29.3	RMS	34	-17.3	2.45	48.45	54	-5.55	-	-	253	101	H
			* 5.15	38.02	Pk	34.1	-17.8	0	54.32	-	-	74	-19.68	164	111	V
			* 5.008345	41.16	Pk	34	-17.2	0	57.96	-	-	74	-16.04	164	111	V
			* 5.15	27.98	RMS	34.1	-17.8	2.45	46.73	54	-7.27	-	-	164	111	V
			* 5.002344	29.48	RMS	34	-17.3	2.45	48.63	54	-5.37	-	-	164	111	V
HDT3	5162	6	* 5.150	51.54	Pk	34.4	-30.7	0	55.24	-	-	74	-18.76	156	108	H
			* 5.145456	53.22	Pk	34.4	-30.7	0	56.92	-	-	74	-17.08	156	108	H
			* 5.150	40.91	RMS	34.4	-30.7	0.23	44.84	54	-9.16	-	-	156	108	H
			* 5.146956	41.42	RMS	34.4	-30.7	0.23	45.35	54	-8.65	-	-	156	108	H
			* 5.150	49.88	Pk	34.4	-30.7	0	53.58	-	-	74	-20.42	110	102	V
			* 5.043099	53.03	Pk	34.2	-30.7	0	56.53	-	-	74	-17.47	110	102	V
		5	* 5.150	39.55	RMS	34.4	-30.7	0.23	43.48	54	-10.52	-	-	110	102	V
			* 5.143112	40.58	RMS	34.4	-30.7	0.23	44.51	54	-9.49	-	-	110	102	V
			* 5.15	38.74	Pk	34.1	-17.8	0	55.04	-	-	74	-18.96	111	198	H
			* 5.007095	40.82	Pk	34	-17.3	0	57.52	-	-	74	-16.48	111	198	H
			* 5.15	28.23	RMS	34.1	-17.8	0.23	44.76	54	-9.24	-	-	111	198	H
			* 5.009814	29.53	RMS	34	-17.2	0.23	46.56	54	-7.44	-	-	111	198	H
			* 5.15	39.72	Pk	34.1	-17.8	0	56.02	-	-	74	-17.98	275	130	V
			* 5.005594	41.36	Pk	34	-17.3	0	58.06	-	-	74	-15.94	275	130	V
			* 5.15	28.2	RMS	34.1	-17.8	0.23	44.73	54	-9.27	-	-	275	130	V
			* 5.009845	29.18	RMS	34	-17.2	0.23	46.21	54	-7.79	-	-	275	130	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

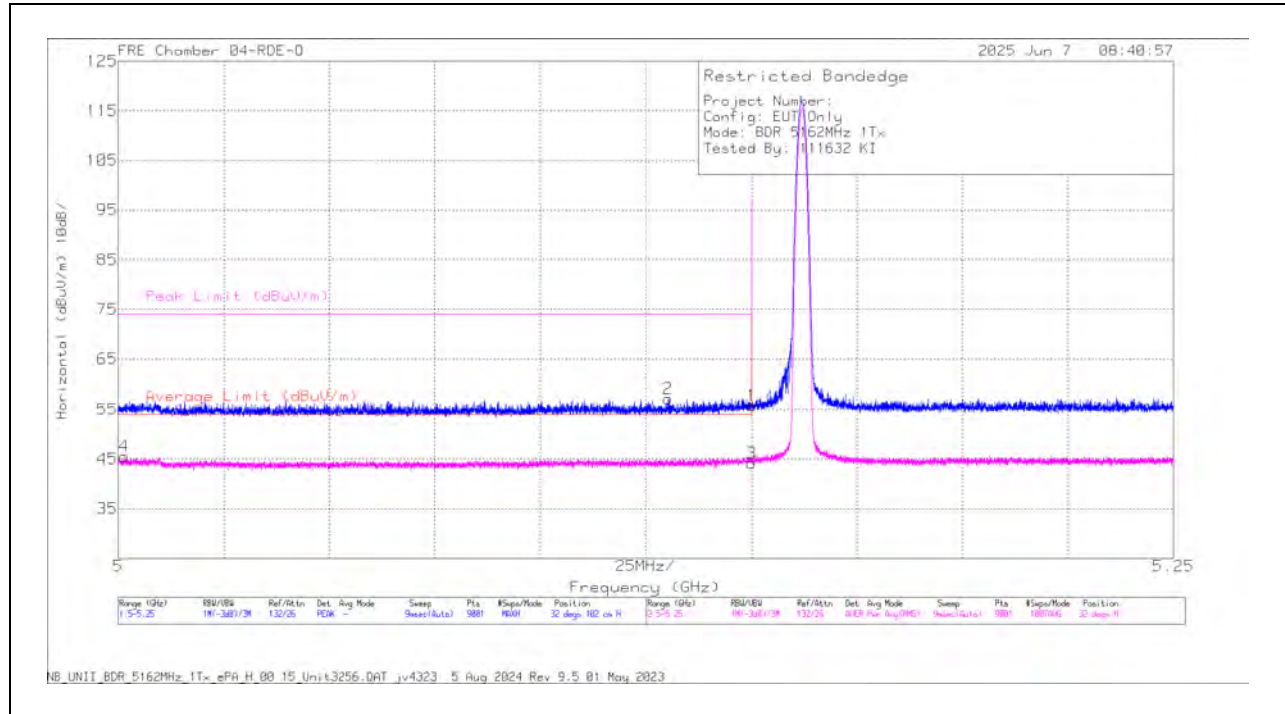
RMS - RMS detection

UNII-1 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cb/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT4	5162	6	* 5.150	52.09	Pk	34.4	-30.7	0	55.79	-	-	74	-18.21	238	108	H
			* 5.136267	53.22	Pk	34.3	-30.7	0	56.82	-	-	74	-17.18	238	108	H
			* 5.150	40.81	RMS	34.4	-30.7	0.3	44.81	54	-9.19	-	-	238	108	H
			* 5.147675	41.65	RMS	34.4	-30.7	0.3	45.65	54	-8.35	-	-	238	108	H
			* 5.150	50.43	Pk	34.4	-30.7	0	54.13	-	-	74	-19.87	81	122	V
			* 5.103826	52.95	Pk	34.3	-30.7	0	56.55	-	-	74	-17.45	81	122	V
		5	* 5.150	39.76	RMS	34.4	-30.7	0.3	43.76	54	-10.24	-	-	81	122	V
			* 5.142049	40.81	RMS	34.4	-30.7	0.3	44.81	54	-9.19	-	-	81	122	V
			* 5.150	50.49	Pk	34.4	-30.7	0	54.19	-	-	74	-19.81	18	159	H
			* 5.106232	52.89	Pk	34.3	-30.7	0	56.49	-	-	74	-17.51	18	159	H
			* 5.150	39.94	RMS	34.4	-30.7	0.3	43.94	54	-10.06	-	-	18	159	H
			* 5.138799	40.88	RMS	34.3	-30.7	0.3	44.78	54	-9.22	-	-	18	159	H
			* 5.150	50.62	Pk	34.4	-30.7	0	54.32	-	-	74	-19.68	99	137	V
			* 5.001531	53.27	Pk	34.1	-30.8	0	56.57	-	-	74	-17.43	99	137	V
			* 5.150	39.5	RMS	34.4	-30.7	0.3	43.5	54	-10.5	-	-	99	137	V
			* 5.001406	41.27	RMS	34.1	-30.8	0.3	44.87	54	-9.13	-	-	99	137	V
HDR4	5162	6	* 5.15	56.7	Pk	34.4	-35.43	0	55.67	-	-	74	-18.33	29	108	H
			* 5.005556	58.8	Pk	34.3	-35.79	0	57.31	-	-	74	-16.69	29	108	H
			* 5.15	45.06	RMS	34.4	-35.43	1.3	45.33	54	-8.67	-	-	29	108	H
			* 5.149723	46.52	RMS	34.4	-35.43	1.3	46.79	54	-7.21	-	-	29	108	H
			* 5.15	55.33	Pk	34.4	-35.43	0	54.3	-	-	74	-19.7	284	104	V
			* 5.112918	58.07	Pk	34.4	-35.58	0	56.89	-	-	74	-17.11	284	104	V
		5	* 5.15	45.16	RMS	34.4	-35.43	1.3	45.43	54	-8.57	-	-	284	104	V
			* 5.004083	46.79	RMS	34.3	-35.82	1.3	46.57	54	-7.43	-	-	284	104	V
			* 5.15	57.59	Pk	34.4	-37.58	0	54.41	-	-	74	-19.59	144	182	H
			* 5.003333	59.69	Pk	34.4	-37.74	0	56.35	-	-	74	-17.65	144	182	H
			* 5.15	45.68	RMS	34.4	-37.58	1.3	43.8	54	-10.2	-	-	144	182	H
			* 5.006861	47.47	RMS	34.4	-37.72	1.3	45.45	54	-8.55	-	-	144	182	H
			* 5.15	57.71	Pk	34.4	-37.58	0	54.53	-	-	74	-19.47	320	105	V
			* 5.120557	59.03	Pk	34.4	-37.64	0	55.79	-	-	74	-18.21	320	105	V
			* 5.15	46.38	RMS	34.4	-37.58	1.3	44.5	54	-9.5	-	-	320	105	V
			* 5.008111	47.36	RMS	34.4	-37.73	1.3	45.33	54	-8.67	-	-	320	105	V
XHDRPM8	5162	6	* 5.150	51.28	Pk	34.4	-30.7	0	54.98	-	-	74	-19.02	311	171	H
			* 5.149925	53.26	Pk	34.4	-30.7	0	56.96	-	-	74	-17.04	311	171	H
			* 5.150	40.87	RMS	34.4	-30.7	0.34	44.91	54	-9.09	-	-	311	171	H
			* 5.149957	41.45	RMS	34.4	-30.7	0.34	45.49	54	-8.51	-	-	311	171	H
			* 5.150	50.99	Pk	34.4	-30.7	0	54.69	-	-	74	-19.31	178	182	V
			* 5.009032	53.43	Pk	34.1	-30.8	0	56.73	-	-	74	-17.27	178	182	V
		5	* 5.150	39.74	RMS	34.4	-30.7	0.34	43.78	54	-10.22	-	-	178	182	V
			* 5.00622	41.46	RMS	34.1	-30.9	0.34	45	54	-9	-	-	178	182	V
			* 5.150	50.83	Pk	34.4	-30.7	0	54.53	-	-	74	-19.47	20	182	H
			* 5.143268	52.86	Pk	34.4	-30.7	0	56.56	-	-	74	-17.44	20	182	H
			* 5.150	40.04	RMS	34.4	-30.7	0.34	44.08	54	-9.92	-	-	20	182	H
			* 5.117984	41.24	RMS	34.3	-30.7	0.34	45.18	54	-8.82	-	-	20	182	H
			* 5.150	50.15	Pk	34.4	-30.7	0	53.85	-	-	74	-20.15	93	171	V
			* 5.12611	52.92	Pk	34.3	-30.7	0	56.52	-	-	74	-17.48	93	171	V
			* 5.150	40.12	RMS	34.4	-30.7	0.34	44.16	54	-9.84	-	-	93	171	V
			* 5.003438	41.32	RMS	34.1	-30.8	0.34	44.96	54	-9.04	-	-	93	171	V
HDRPL8	5164	6	* 5.15	46.28	Pk	34.1	-17.8	0	62.58	-	-	74	-11.42	234	179	H
			* 5.149769	47.32	Pk	34.1	-17.8	0	63.62	-	-	74	-10.38	234	179	H
			* 5.15	34.26	RMS	34.1	-17.8	0.24	50.8	54	-3.2	-	-	234	179	H
			* 5.149988	34.46	RMS	34.1	-17.8	0.24	51	54	-3	-	-	234	179	H
			* 5.15	38.99	Pk	34.1	-17.8	0	55.29	-	-	74	-18.71	95	161	V
			* 5.00972	41.29	Pk	34	-17.2	0	58.09	-	-	74	-15.91	95	161	V
		5	* 5.15	28.16	RMS	34.1	-17.8	0.24	44.7	54	-9.3	-	-	95	161	V
			* 5.001375	29.7	RMS	34	-17.3	0.24	46.64	54	-7.36	-	-	95	161	V
			* 5.15	40.69	Pk	34.1	-17.8	0	56.99	-	-	74	-17.01	288	229	H
			* 5.149925	42.21	Pk	34.1	-17.8	0	58.51	-	-	74	-15.49	288	229	H
			* 5.15	29.85	RMS	34.1	-17.8	0.24	46.39	54	-7.61	-	-	288	229	H
			* 5.149457	30.16	RMS	34.1	-17.8	0.24	46.7	54	-7.3	-	-	288	229	H
			* 5.15	38.98	Pk	34.1	-17.8	0	55.28	-	-	74	-18.72	288	138	V
			* 5.005876	40.93	Pk	34	-17.3	0	57.63	-	-	74	-16.37	288	138	V
			* 5.15	28.7	RMS	34.1	-17.8	0.24	45.24	54	-8.76	-	-	288	138	V
			* 5.003375	29.47	RMS	34	-17.3	0.24	46.41	54	-7.59	-	-	288	138	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

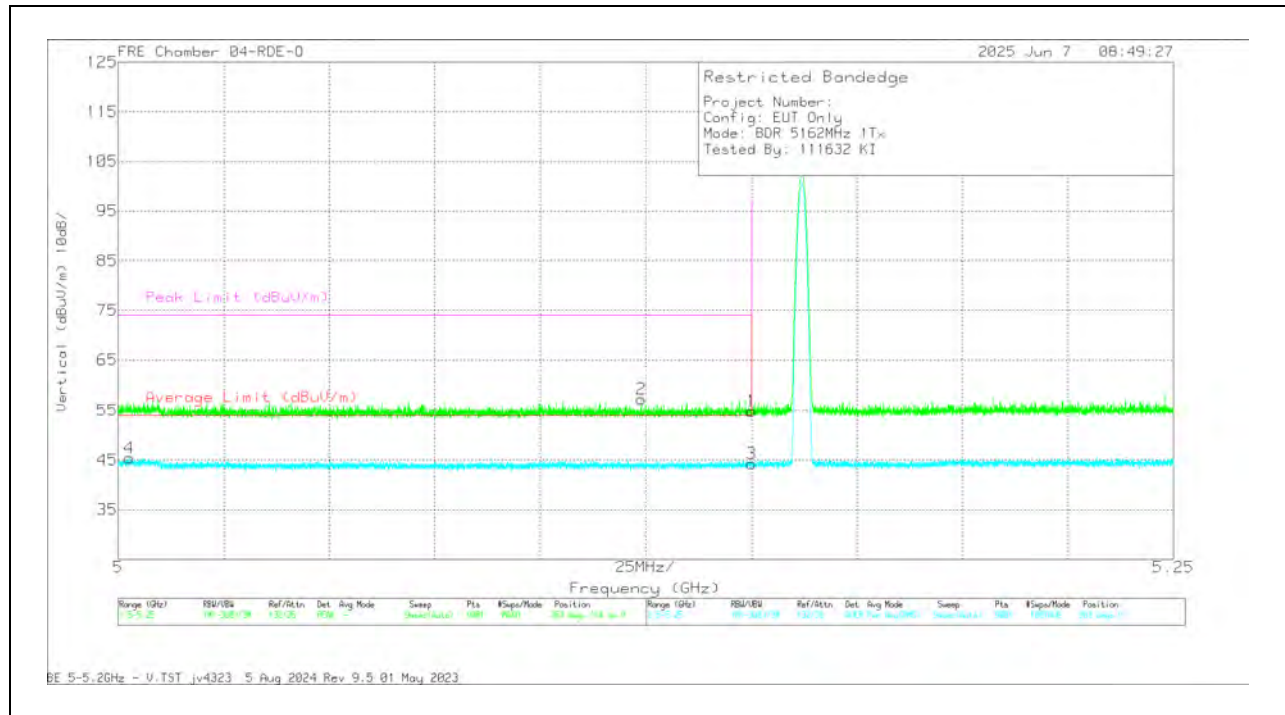
Pk - Peak detector

RMS - RMS detection

1TX Antenna 6**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	55.91	Pk	34.4	0	-35.43	54.88	-	-	74	-19.12	283	114	V
2	* 5.123973	58.38	Pk	34.4	0	-35.5	57.28	-	-	74	-16.72	283	114	V
3	* 5.15	45.33	RMS	34.4	0	-35.43	44.3	54	-9.7	-	-	283	114	V
4	* 5.002583	47.01	RMS	34.3	0	-35.85	45.46	54	-8.54	-	-	283	114	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

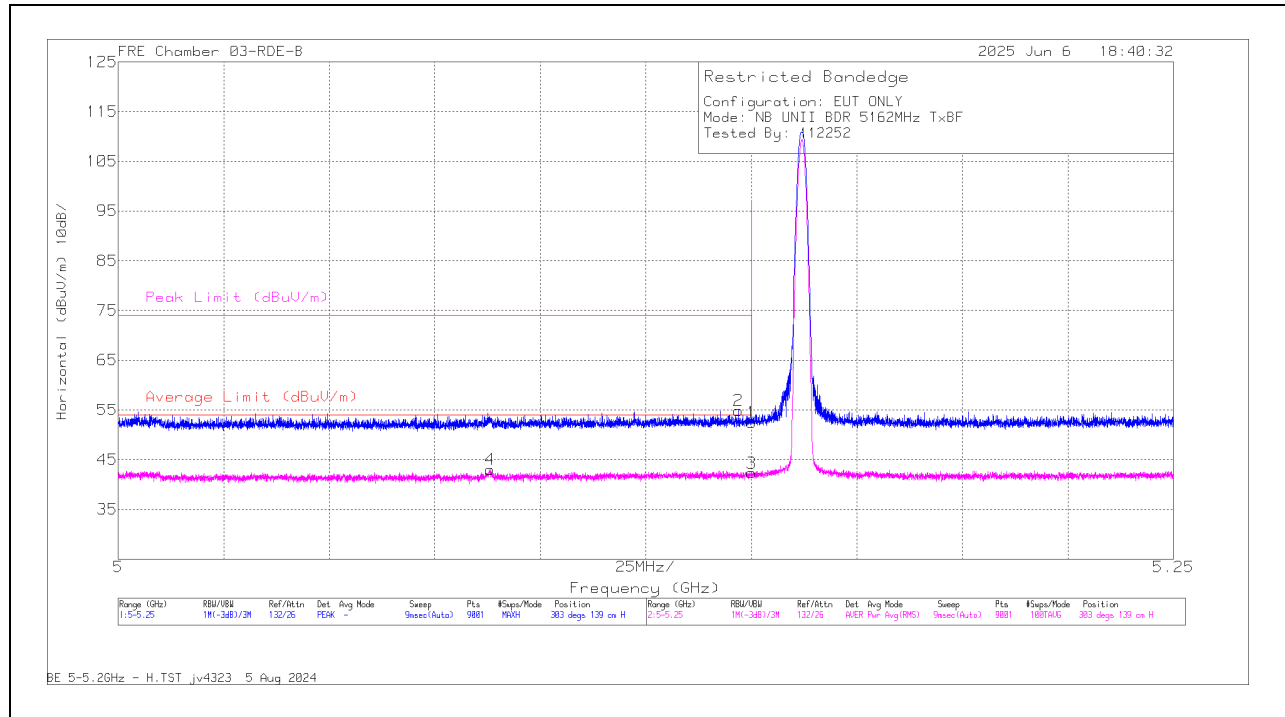
10.1.2. UNII-1 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

UNII-1 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	* 5.15	58.35	Pk	34.1	-40	0	52.45	-	-	74	-21.55	303	139	H
			* 5.146946	60.94	Pk	34.1	-40.2	0	54.84	-	-	74	-19.16	303	139	H
			* 5.15	48.22	RMS	34.1	-40	0	42.32	54	-11.68	-	-	303	139	H
			* 5.088084	49.25	RMS	34	-40.2	0	43.05	54	-10.95	-	-	303	139	H
			* 5.15	57.89	Pk	34.1	-40	0	51.99	-	-	74	-22.01	141	108	V
			* 5.131279	60.54	Pk	34.1	-40.07	0	54.57	-	-	74	-19.43	141	108	V
			* 5.15	48.15	RMS	34.1	-40	0	42.25	54	-11.75	-	-	141	108	V
			* 5.003167	48.92	RMS	34	-40.08	0	42.84	54	-11.16	-	-	141	108	V
			* 5.150	51.44	Pk	34.4	-30.7	0	55.14	-	-	74	-18.86	184	127	H
			* 5.147706	53.45	Pk	34.4	-30.7	0	57.15	-	-	74	-16.85	184	127	H
LE1M	5162	6 + 5	* 5.150	40.92	RMS	34.4	-30.7	0.72	45.34	54	-8.66	-	-	184	127	H
			* 5.149238	41.56	RMS	34.4	-30.7	0.72	45.98	54	-8.02	-	-	184	127	H
			* 5.150	50.82	Pk	34.4	-30.7	0	54.52	-	-	74	-19.48	273	222	V
			* 5.027847	54.18	Pk	34.1	-30.8	0	57.48	-	-	74	-16.52	273	222	V
			* 5.150	39.86	RMS	34.4	-30.7	0.72	44.28	54	-9.72	-	-	273	222	V
			* 5.001688	41.29	RMS	34.1	-30.8	0.72	45.31	54	-8.69	-	-	273	222	V
			* 5.150	52.8	Pk	34.4	-30.7	0	56.5	-	-	74	-17.5	187	129	H
			* 5.149363	53.34	Pk	34.4	-30.7	0	57.04	-	-	74	-16.96	187	129	H
			* 5.150	40.72	RMS	34.4	-30.7	2.45	46.87	54	-7.13	-	-	187	129	H
			* 5.148488	41.48	RMS	34.4	-30.7	2.45	47.63	54	-6.37	-	-	187	129	H
LE2M	5162	6 + 5	* 5.150	50.36	Pk	34.4	-30.7	0	54.06	-	-	74	-19.94	272	181	V
			* 5.149238	52.85	Pk	34.4	-30.7	0	56.55	-	-	74	-17.45	272	181	V
			* 5.150	39.63	RMS	34.4	-30.7	2.45	45.78	54	-8.22	-	-	272	181	V
			* 5.125391	40.75	RMS	34.3	-30.7	2.45	46.8	54	-7.2	-	-	272	181	V
			* 5.150	51.45	Pk	34.4	-30.7	0	55.15	-	-	74	-18.85	188	138	H
			* 5.149644	52.88	Pk	34.4	-30.7	0	56.58	-	-	74	-17.42	188	138	H
			* 5.150	40.44	RMS	34.4	-30.7	0.23	44.37	54	-9.63	-	-	188	138	H
			* 5.149519	41.39	RMS	34.4	-30.7	0.23	45.32	54	-8.68	-	-	188	138	H
			* 5.150	50.58	Pk	34.4	-30.7	0	54.28	-	-	74	-19.72	20	181	V
			* 5.076604	53.17	Pk	34.2	-30.7	0	56.67	-	-	74	-17.33	20	181	V
HDT3	5162	6 + 5	* 5.150	39.68	RMS	34.4	-30.7	0.23	43.61	54	-10.39	-	-	20	181	V
			* 5.149519	40.86	RMS	34.4	-30.7	0.23	44.79	54	-9.21	-	-	20	181	V
			* 5.150	51.87	Pk	34.4	-30.7	0	55.57	-	-	74	-18.43	328	154	H
			* 5.143987	53.53	Pk	34.4	-30.7	0	57.23	-	-	74	-16.77	328	154	H
			* 5.150	41.2	RMS	34.4	-30.7	0.3	45.2	54	-8.8	-	-	328	154	H
			* 5.149332	41.65	RMS	34.4	-30.7	0.3	45.65	54	-8.35	-	-	328	154	H
			* 5.150	50.53	Pk	34.4	-30.7	0	54.23	-	-	74	-19.77	29	259	V
			* 5.120578	53.48	Pk	34.3	-30.7	0	57.08	-	-	74	-16.92	29	259	V
			* 5.150	40.01	RMS	34.4	-30.7	0.3	44.01	54	-9.99	-	-	29	259	V
			* 5.005344	41.41	RMS	34.1	-30.9	0.3	44.91	54	-9.09	-	-	29	259	V
HDT4	5162	6 + 5	* 5.15	58.39	Pk	34.1	-40	0	52.49	-	-	74	-21.51	339	138	H
			* 5.002389	61.33	Pk	34	-40.1	0	55.23	-	-	74	-18.77	339	138	H
			* 5.15	47.88	RMS	34.1	-40	1.3	43.28	54	-10.72	-	-	339	138	H
			* 5.005583	49.02	RMS	34	-40.1	1.3	44.22	54	-9.78	-	-	339	138	H
			* 5.15	58.62	Pk	34.1	-40	0	52.72	-	-	74	-21.28	4	110	V
			* 5.009556	60.46	Pk	34	-40.1	0	54.36	-	-	74	-19.64	4	110	V
			* 5.15	47.17	RMS	34.1	-40	1.3	42.57	54	-11.43	-	-	4	110	V
			* 5.009806	48.93	RMS	34	-40.1	1.3	44.13	54	-9.87	-	-	4	110	V
			* 5.150	51.57	Pk	34.4	-30.7	0	55.27	-	-	74	-18.73	150	129	H
			* 5.131579	53.22	Pk	34.3	-30.7	0	56.82	-	-	74	-17.18	150	129	H
HDR4	5162	6 + 5	* 5.150	41.2	RMS	34.4	-30.7	0.34	45.24	54	-8.76	-	-	150	129	H
			* 5.148269	41.61	RMS	34.4	-30.7	0.34	45.65	54	-8.35	-	-	150	129	H
			* 5.150	50.45	Pk	34.4	-30.7	0	54.15	-	-	74	-19.85	245	247	V
			* 5.142518	53.05	Pk	34.4	-30.7	0	56.75	-	-	74	-17.25	245	247	V
			* 5.150	40.04	RMS	34.4	-30.7	0.34	44.08	54	-9.92	-	-	245	247	V
			* 5.10742	41.09	RMS	34.3	-30.7	0.34	45.03	54	-8.97	-	-	245	247	V
			* 5.15	44.89	Pk	34.1	-17.8	0	61.19	-	-	74	-12.81	90	235	H
			* 5.149707	45.44	Pk	34.1	-17.8	0	61.74	-	-	74	-12.26	90	235	H
			* 5.15	32.36	RMS	34.1	-17.8	0.24	48.9	54	-5.1	-	-	90	235	H
			* 5.149863	33.49	RMS	34.1	-17.8	0.24	50.03	54	-3.97	-	-	90	235	H
XHDRPM8	5162	6 + 5	* 5.15	40.21	Pk	34.1	-17.8	0	56.51	-	-	74	-17.49	113	185	V
			* 5.003876	41.14	Pk	34	-17.3	0	57.84	-	-	74	-16.16	113	185	V
			* 5.15	28.08	RMS	34.1	-17.8	0.24	44.62	54	-9.38	-	-	113	185	V
			* 5.009407	28.93	RMS	34	-17.2	0.24	45.97	54	-8.03	-	-	113	185	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

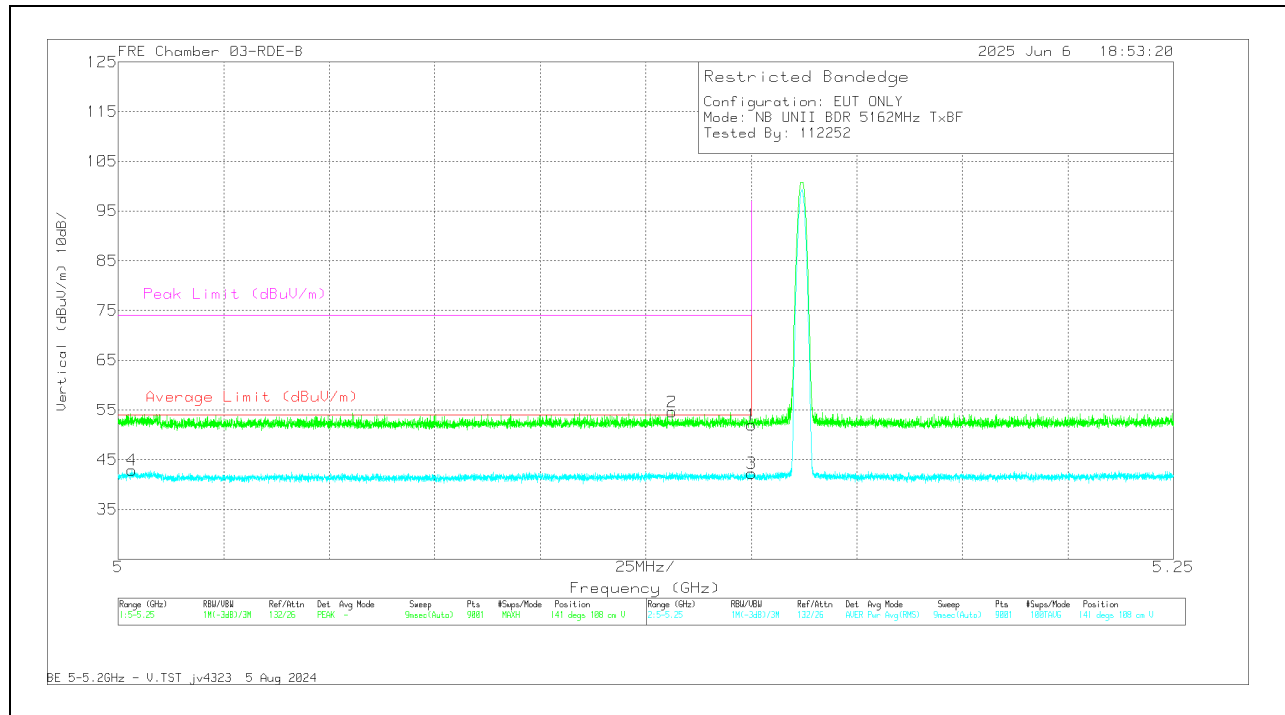
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	58.35	Pk	34.1	0	-40	52.45	-	-	74	-21.55	303	139	H
2	* 5.146946	60.94	Pk	34.1	0	-40.2	54.84	-	-	74	-19.16	303	139	H
3	* 5.15	48.22	RMS	34.1	0	-40	42.32	54	-11.68	-	-	303	139	H
4	* 5.088084	49.25	RMS	34	0	-40.2	43.05	54	-10.95	-	-	303	139	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	57.89	PK	34.1	0	-40	51.99	-	-	74	-22.01	141	108	V
2	* 5.131279	60.54	PK	34.1	0	-40.07	54.57	-	-	74	-19.43	141	108	V
3	* 5.15	48.15	RMS	34.1	0	-40	42.25	54	-11.75	-	-	141	108	V
4	* 5.003167	48.92	RMS	34	0	-40.08	42.84	54	-11.16	-	-	141	108	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

10.1.3. UNII-1 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5162	6 + 5	* 15.475948	55.75	PK-U	40.1	-43.49	0	52.36	-	-	74	-21.64	126	107	H
			* 15.490223	44.45	ADR	40.1	-43.61	0	40.94	54	-13.06	-	-	126	107	H
			* 15.463945	55.87	PK-U	40.1	-43.68	0	52.29	-	-	74	-21.71	313	137	V
			* 15.481483	44.33	ADR	40.1	-43.5	0	40.93	54	-13.07	-	-	313	137	V
			6.512367	46.18	ADR	35.6	-46.03	0	35.75	-	-	-	-	78	364	H
			6.525139	57.65	PK-U	35.6	-46.32	0	46.93	-	-	68.2	-21.27	78	364	H
			6.529106	58.26	PK-U	35.6	-46.37	0	47.49	-	-	68.2	-20.71	37	385	V
			6.530082	46.09	ADR	35.6	-46.43	0	35.26	-	-	-	-	37	385	V
			10.327358	45.5	ADR	37.8	-46.22	0	37.08	-	-	-	-	171	133	V
			10.327866	57.12	PK-U	37.8	-46.21	0	48.71	-	-	68.2	-19.49	326	134	H
			10.33968	45.54	ADR	37.8	-46.24	0	37.1	-	-	-	-	326	134	H
			10.342265	56.87	PK-U	37.8	-46.25	0	48.42	-	-	68.2	-19.78	171	133	V
	5203	6 + 5	* 15.598826	56.82	PK-U	40.2	-43.74	0	53.28	-	-	74	-20.72	79	397	H
			* 15.613011	45.11	ADR	40.2	-43.6	0	41.71	54	-12.29	-	-	79	397	H
			* 15.612292	56.26	PK-U	40.2	-43.64	0	52.82	-	-	74	-21.18	196	168	V
			* 15.628894	44.76	ADR	40.3	-43.07	0	41.99	54	-12.01	-	-	196	168	V
			6.325148	45.37	ADR	35.6	-45.83	0	35.14	-	-	-	-	253	147	V
			6.325717	56.88	PK-U	35.6	-45.84	0	46.64	-	-	68.2	-21.56	253	147	V
			6.340437	45.73	ADR	35.6	-46.07	0	35.26	-	-	-	-	183	374	H
			6.345154	58.12	PK-U	35.6	-46.11	0	47.61	-	-	68.2	-20.59	183	374	H
			10.389153	45.49	ADR	37.7	-45.64	0	37.55	-	-	-	-	77	175	H
			10.390533	57.17	PK-U	37.7	-45.65	0	49.22	-	-	68.2	-18.98	77	175	H
			10.390972	45.41	ADR	37.7	-45.65	0	37.46	-	-	-	-	300	158	V
			10.40831	57.5	PK-U	37.7	-45.69	0	49.51	-	-	68.2	-18.69	300	158	V
	5245	6 + 5	* 15.722987	56.7	PK-U	40.3	-43.22	0	53.78	-	-	74	-20.22	177	368	H
			* 15.720648	45.34	ADR	40.3	-43.25	0	42.39	54	-11.61	-	-	177	368	H
			* 15.715683	56.75	PK-U	40.3	-43.18	0	53.87	-	-	74	-20.13	227	156	V
			* 15.715102	45.05	ADR	40.3	-43.2	0	42.15	54	-11.85	-	-	227	156	V
			6.28515	57.25	PK-U	35.6	-45.84	0	47.01	-	-	68.2	-21.19	92	181	V
			6.286873	45.76	ADR	35.6	-45.83	0	35.53	-	-	-	-	158	351	H
			6.292908	57.24	PK-U	35.6	-45.68	0	47.16	-	-	68.2	-21.04	158	351	H
			6.293929	45.37	ADR	35.6	-45.64	0	35.33	-	-	-	-	92	181	V
			10.479643	57.24	PK-U	37.6	-45.67	0	49.17	-	-	68.2	-19.03	135	109	V
			10.497468	45.46	ADR	37.6	-46.1	0	36.96	-	-	-	-	135	109	V
			10.498776	57.18	PK-U	37.6	-46.1	0	48.68	-	-	68.2	-19.52	242	104	H
			10.505063	45.87	ADR	37.6	-46.11	0	37.36	-	-	-	-	242	104	H
LE1M	5162	6 + 5	* 1.350198	62.43	PK-U	28.5	-49.4	0	41.53	-	-	74	-32.47	35	164	H
			* 1.348503	50.19	ADR	28.5	-49.4	0.72	30.01	54	-23.99	-	-	35	164	H
			* 3.905416	57.71	PK-U	33.5	-47.5	0	43.71	-	-	74	-30.29	347	311	H
			* 3.905903	45.75	ADR	33.5	-47.5	0.72	32.47	54	-21.53	-	-	347	311	H
			* 1.347956	62.02	PK-U	28.5	-49.4	0	41.12	-	-	74	-32.88	252	266	V
			* 1.346576	50.16	ADR	28.5	-49.4	0.72	29.98	54	-24.02	-	-	252	266	V
			* 3.90312	57.52	PK-U	33.5	-47.5	0	43.52	-	-	74	-30.48	187	363	V
			* 3.90448	45.84	ADR	33.5	-47.5	0.72	32.56	54	-21.44	-	-	187	363	V
			* 11.581362	54.69	PK-U	38.3	-43.46	0	49.53	-	-	74	-24.47	181	217	H
			* 11.582851	43.09	ADR	38.3	-43.49	0.72	38.62	54	-15.38	-	-	181	217	H
			* 11.57643	54.84	PK-U	38.3	-43.4	0	49.74	-	-	74	-24.26	68	230	V
			* 11.576615	43.1	ADR	38.3	-43.4	0.72	38.72	54	-15.28	-	-	68	230	V
	5203	6 + 5	* 1.288763	62.72	PK-U	28.5	-49.42	0	41.8	-	-	74	-32.2	151	199	H
			* 1.289072	50.11	ADR	28.5	-49.41	0.72	29.92	54	-24.08	-	-	151	199	H
			* 3.922114	57.53	PK-U	33.5	-47.5	0	43.53	-	-	74	-30.47	266	304	H
			* 3.923309	45.72	ADR	33.5	-47.5	0.72	32.44	54	-21.56	-	-	266	304	H
			* 1.287977	61.92	PK-U	28.5	-49.5	0	40.92	-	-	74	-33.08	218	109	V
			* 1.288533	50.01	ADR	28.5	-49.45	0.72	29.78	54	-24.22	-	-	218	109	V
			* 3.917223	57.93	PK-U	33.5	-47.5	0	43.93	-	-	74	-30.07	334	261	V
			* 3.920905	45.55	ADR	33.5	-47.5	0.72	32.27	54	-21.73	-	-	334	261	V
			* 11.593045	54.54	PK-U	38.3	-43.5	0	49.34	-	-	74	-24.66	205	299	H
			* 11.596458	43.28	ADR	38.3	-43.55	0.72	38.75	54	-15.25	-	-	205	299	H
			* 11.595421	55.33	PK-U	38.3	-43.54	0	50.09	-	-	74	-23.91	314	395	V
			* 11.597672	43.12	ADR	38.3	-43.57	0.72	38.57	54	-15.43	-	-	314	395	V
	5245	6 + 5	* 1.240939	61.96	PK-U	28.5	-49.7	0	40.76	-	-	74	-33.24	256	336	H
			* 1.241251	50.48	ADR	28.5	-49.7	0.72	30	54	-24	-	-	256	336	H
			* 3.867754	57.66	PK-U	33.5	-47.4	0	43.76	-	-	74	-30.24	21	306	H
			* 3.868558	45.51	ADR	33.5	-47.4	0.72	32.33	54	-21.67	-	-	21	306	H
			* 1.240282	61.98	PK-U	28.5	-49.7	0	40.78	-	-	74	-33.22	65	276	V
			* 1.241627	50.46	ADR	28.5	-49.7	0.72	29.98	54	-24.02	-	-	65	276	V
			* 3.865887	57.35	PK-U	33.5	-47.4	0	43.45	-	-	74	-30.55	68	219	V
			* 3.867846	45.68	ADR	33.5	-47.4	0.72	32.5	54	-21.5	-	-	68	219	V
			* 11.780216	54.24	PK-U	38.6	-43.4	0	49.44	-	-	74	-24.56	16	114	H
			* 11.780038	42.88	ADR	38.6	-43.4	0.72	38.8	54	-15.2	-	-	16	114	H
			* 11.776887	54.51	PK-U	38.6	-43.4	0	49.71	-	-	74	-24.29	308	193	V
			* 11.776161	42.71	ADR	38.6	-43.4	0.72	38.63	54	-15.37	-	-	308	193	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-1 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5162	6 + 5	* 1.294506	62.21	PK-U	28.5	-49.4	0	41.31	-	-	74	-32.69	360	357	H
			* 1.295037	50.04	ADR	28.5	-49.4	2.45	31.59	54	-22.41	-	-	360	357	H
			* 3.955628	57.28	PK-U	33.5	-47.4	0	43.38	-	-	74	-30.62	259	242	H
			* 3.957526	45.6	ADR	33.5	-47.4	2.45	34.15	54	-19.85	-	-	259	242	H
			* 1.294425	62.03	PK-U	28.5	-49.4	0	41.13	-	-	74	-32.87	309	127	V
			* 1.293353	49.99	ADR	28.5	-49.4	2.45	31.54	54	-22.46	-	-	309	127	V
			* 3.950953	58.07	PK-U	33.5	-47.5	0	44.07	-	-	74	-29.93	284	121	V
			* 3.952072	45.64	ADR	33.5	-47.5	2.45	34.09	54	-19.91	-	-	284	121	V
			* 11.518116	55.27	PK-U	38.2	-43.5	0	49.97	-	-	74	-24.03	298	350	H
			* 11.519326	43.15	ADR	38.2	-43.53	2.45	40.27	54	-13.73	-	-	298	350	H
			* 11.517072	55.1	PK-U	38.2	-43.5	0	49.8	-	-	74	-24.2	141	265	V
			* 11.513884	43.25	ADR	38.2	-43.41	2.45	40.49	54	-13.51	-	-	141	265	V
	5203	6 + 5	* 1.244215	62.11	PK-U	28.5	-49.7	0	40.91	-	-	74	-33.09	304	393	H
			* 1.244474	50.06	ADR	28.5	-49.7	2.45	31.31	54	-22.69	-	-	304	393	H
			* 3.843175	57.18	PK-U	33.5	-47.2	0	43.48	-	-	74	-30.52	112	189	H
			* 3.844343	45.46	ADR	33.5	-47.2	2.45	34.21	54	-19.79	-	-	112	189	H
			* 1.241102	61.73	PK-U	28.5	-49.7	0	40.53	-	-	74	-33.47	220	329	V
			* 1.241165	50.4	ADR	28.5	-49.7	2.45	31.65	54	-22.35	-	-	220	329	V
			* 3.849247	57	PK-U	33.5	-47.4	0	43.1	-	-	74	-30.9	224	273	V
			* 3.846714	45.18	ADR	33.5	-47.27	2.45	33.86	54	-20.14	-	-	224	273	V
			* 11.763884	54.51	PK-U	38.5	-43.31	0	49.7	-	-	74	-24.3	136	393	H
			* 11.76225	42.69	ADR	38.5	-43.33	2.45	40.31	54	-13.69	-	-	136	393	H
			* 11.761704	54.78	PK-U	38.5	-43.3	0	49.98	-	-	74	-24.02	62	363	V
			* 11.761653	42.6	ADR	38.5	-43.3	2.45	40.25	54	-13.75	-	-	62	363	V
	5245	6 + 5	* 1.292103	62.26	PK-U	28.5	-49.4	0	41.36	-	-	74	-32.64	173	298	H
			* 1.292036	50	ADR	28.5	-49.4	2.45	31.55	54	-22.45	-	-	173	298	H
			* 3.946447	57.9	PK-U	33.5	-47.4	0	44	-	-	74	-30	76	107	H
			* 3.945754	45.72	ADR	33.5	-47.4	2.45	34.27	54	-19.73	-	-	76	107	H
			* 1.289586	61.57	PK-U	28.5	-49.46	0	40.61	-	-	74	-33.39	283	260	V
			* 1.288613	49.8	ADR	28.5	-49.44	2.45	31.31	54	-22.69	-	-	283	260	V
			* 3.944359	57.48	PK-U	33.5	-47.4	0	43.58	-	-	74	-30.42	75	356	V
			* 3.944147	45.67	ADR	33.5	-47.4	2.45	34.22	54	-19.78	-	-	75	356	V
			* 11.756229	54.37	PK-U	38.5	-43.22	0	49.65	-	-	74	-24.35	50	133	H
			* 11.757195	42.71	ADR	38.5	-43.3	2.45	40.36	54	-13.64	-	-	50	133	H
			* 11.758807	55.09	PK-U	38.5	-43.3	0	50.29	-	-	74	-23.71	160	335	V
			* 11.757731	42.79	ADR	38.5	-43.3	2.45	40.44	54	-13.56	-	-	160	335	V
HDT3	5162	6 + 5	2.389956	59.41	PK-U	32.2	-48.3	0	43.31	-	-	74	-30.69	13	230	H
			2.409063	47.72	ADR	32.2	-48.1	0.23	32.05	-	-	-	-	13	230	H
			16.963057	51.38	PK-U	41.9	-38	0	55.28	-	-	68.2	-12.92	61	388	V
			16.967262	39.32	ADR	41.9	-37.7	0.23	43.75	-	-	-	-	61	388	V
			17.005321	39.43	ADR	41.8	-37.4	0.23	44.06	-	-	-	-	56	256	H
			17.017241	50.99	PK-U	41.8	-37.1	0	55.69	-	-	68.2	-12.51	56	256	H
			2.405493	47.49	ADR	32.2	-48.1	0.23	31.82	-	-	-	-	189	131	V
			2.40574	59.32	PK-U	32.2	-48.2	0	43.32	-	-	68.2	-24.88	189	131	V
			6.679363	53.82	PK-U	35.8	-42.9	0	46.72	-	-	68.2	-21.48	31	179	V
			6.682883	42.13	ADR	35.8	-42.8	0.23	35.36	-	-	-	-	31	179	V
			6.708026	42.08	ADR	35.8	-43	0.23	35.11	-	-	-	-	71	194	H
			6.708364	54.09	PK-U	35.8	-43	0	46.89	-	-	68.2	-21.31	71	194	H
	5203	6 + 5	* 13.372986	51.98	PK-U	39.2	-38.4	0	52.78	-	-	74	-21.22	245	318	H
			* 13.371679	40.51	ADR	39.2	-38.9	0.23	41.04	54	-12.96	-	-	245	318	H
			2.393071	58.82	PK-U	32.2	-48.3	0	42.72	-	-	68.2	-25.48	131	274	V
			2.396137	47.65	ADR	32.2	-48.3	0.23	31.78	-	-	-	-	131	274	V
			2.399311	59.13	PK-U	32.2	-48.2	0	43.13	-	-	68.2	-25.07	277	312	H
			2.402597	47.74	ADR	32.2	-48.2	0.23	31.97	-	-	-	-	277	312	H
			13.431592	40.46	ADR	39.2	-39.2	0.23	40.69	-	-	-	-	326	259	V
			13.436441	51.93	PK-U	39.2	-39.1	0	52.03	-	-	68.2	-16.17	326	259	V
			16.934099	39.53	ADR	42	-37.9	0.23	43.86	-	-	-	-	261	162	V
			16.945996	51.38	PK-U	41.9	-38.1	0	55.18	-	-	68.2	-13.02	261	162	V
			17.048997	39.49	ADR	41.8	-36.9	0.23	44.62	-	-	-	-	130	338	H
			17.058291	51.49	PK-U	41.8	-37.2	0	56.09	-	-	68.2	-12.11	130	338	H
	5245	6 + 5	* 12.087788	40.91	ADR	38.8	-40.1	0.23	39.84	54	-14.16	-	-	41	245	H
			* 12.09961	51.9	PK-U	38.8	-40.2	0	50.5	-	-	74	-23.5	41	245	H
			* 12.092035	52.85	PK-U	38.8	-40.2	0	51.45	-	-	74	-22.55	324	175	V
			* 12.105351	40.83	ADR	38.8	-40	0.23	39.86	54	-14.14	-	-	324	175	V
			* 3.711996	55.51	PK-U	33.3	-45.6	0	43.21	-	-	74	-30.79	218	307	V
			* 3.712043	44.25	ADR	33.3	-45.6	0.23	32.18	54	-21.82	-	-	218	307	V
			* 3.722751	56.22	PK-U	33.3	-45.5	0	44.02	-	-	74	-29.98	118	384	H
			* 3.752151	44.4	ADR	33.3	-45.7	0.23	32.23	54	-21.77	-	-	118	384	H
			* 8.173558	53.46	PK-U	35.9	-42	0	47.36	-	-	74	-26.64	111	115	V
			* 8.185527	41.69	ADR	35.9	-41.9	0.23	35.92	54	-18.08	-	-	111	115	V
			* 8.184304	41.76	ADR	35.9	-42.1	0.23	35.79	54	-18.21	-	-	345	287	H
			* 8.195131	53.48	PK-U	35.9	-42.3	0	47.08	-	-	74	-26.92	345	287	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT4	5162	6 + 5	2.57735	57.6	PK-U	32.4	-46.8	0	43.2	-	-	68.2	-25	30	262	H
			2.574671	46.28	ADR	32.4	-46.9	0.3	32.08	-	-	-	-	30	262	H
			10.334804	54.14	PK-U	37.8	-42.8	0	49.14	-	-	68.2	-19.06	184	120	H
			10.334473	42.28	ADR	37.8	-42.8	0.3	37.58	-	-	-	-	184	120	H
			* 15.484685	55.51	PK-U	40.5	-41.8	0	54.21	-	-	74	-19.79	241	244	H
			* 15.485074	43.8	ADR	40.5	-41.79	0.3	42.81	54	-11.19	-	-	241	244	H
			10.330055	53.84	PK-U	37.8	-42.8	0	48.84	-	-	68.2	-19.36	197	363	V
			10.331155	42.37	ADR	37.8	-42.8	0.3	37.67	-	-	-	-	197	363	V
			* 15.470327	55.33	PK-U	40.5	-42.3	0	53.53	-	-	74	-20.47	160	382	V
			* 15.472063	43.56	ADR	40.5	-42.39	0.3	41.97	54	-12.03	-	-	160	382	V
			2.716073	59.86	PK-U	32.6	-49.44	0	43.02	-	-	74	-30.98	315	193	H
			2.717353	48.46	ADR	32.6	-49.44	0.3	31.92	54	-22.08	-	-	315	193	H
	5203	6 + 5	2.710753	59.73	PK-U	32.6	-49.38	0	42.95	-	-	74	-31.05	71	371	V
			2.71586	48.27	ADR	32.6	-49.44	0.3	31.73	54	-22.27	-	-	71	371	V
			10.664256	56.54	PK-U	37.7	-45.44	0	48.8	-	-	74	-25.2	220	350	H
			10.686848	45.07	ADR	37.7	-45.32	0.3	37.75	54	-16.25	-	-	220	350	H
			15.284025	54.53	PK-U	40.6	-42	0	53.13	-	-	68.2	-15.07	199	257	H
			15.300785	42.65	ADR	40.6	-41.39	0.3	42.16	-	-	-	-	199	257	H
			10.670331	57.47	PK-U	37.7	-45.37	0	49.8	-	-	74	-24.2	137	252	V
			10.687789	45.21	ADR	37.7	-45.33	0.3	37.88	54	-16.12	-	-	137	252	V
			15.292839	54.14	PK-U	40.6	-41.69	0	53.05	-	-	68.2	-15.15	293	268	V
			15.304475	42.56	ADR	40.6	-41.34	0.3	42.12	-	-	-	-	293	268	V
			2.626106	60.56	PK-U	32.6	-50.03	0	43.13	-	-	68.2	-25.07	237	165	V
			2.626613	48.69	ADR	32.6	-50.02	0.3	31.57	-	-	-	-	237	165	V
	5245	6 + 5	2.626971	48.86	ADR	32.6	-50.01	0.3	31.75	-	-	-	-	342	394	H
			2.628799	60.27	PK-U	32.6	-50	0	42.87	-	-	68.2	-25.33	342	394	H
			10.497453	45.87	ADR	37.5	-46.17	0.3	37.5	-	-	-	-	47	238	H
			10.498296	57.51	PK-U	37.5	-46.18	0	48.83	-	-	68.2	-19.37	47	238	H
			10.499939	45.87	ADR	37.5	-46.24	0.3	37.43	-	-	-	-	152	167	V
			10.500633	57.76	PK-U	37.5	-46.24	0	49.02	-	-	68.2	-19.18	152	167	V
			15.729951	56.59	PK-U	40.5	-44.32	0	52.77	-	-	74	-21.23	206	273	V
			15.732084	45.37	ADR	40.5	-44.28	0.3	41.89	54	-12.11	-	-	206	273	V
			15.736744	56.78	PK-U	40.5	-44.17	0	53.11	-	-	74	-20.89	268	400	H
			15.737046	45.43	ADR	40.5	-44.16	0.3	42.07	54	-11.93	-	-	268	400	H
HDR4	5162	6 + 5	* 7.476352	56.41	PK-U	35.7	-45.98	0	46.13	-	-	74	-27.87	204	169	H
			* 7.47609	44.41	ADR	35.7	-45.99	1.3	35.42	54	-18.58	-	-	204	169	H
			* 11.378761	56.37	PK-U	38.2	-45.34	0	49.23	-	-	74	-24.77	282	178	H
			* 11.365737	44.93	ADR	38.2	-45.53	1.3	38.9	54	-15.1	-	-	282	178	H
			* 15.878946	55.73	PK-U	40.4	-42.98	0	53.15	-	-	74	-20.85	133	308	H
			* 15.884735	44.27	ADR	40.4	-42.98	1.3	42.99	54	-11.01	-	-	133	308	H
			* 7.475084	55.97	PK-U	35.7	-46.02	0	45.65	-	-	74	-28.35	96	151	V
			* 7.468294	44.5	ADR	35.7	-46.01	1.3	35.49	54	-18.51	-	-	96	151	V
			* 11.40401	56.53	PK-U	38.2	-45.36	0	49.37	-	-	74	-24.63	167	287	V
			* 11.403106	44.77	ADR	38.2	-45.4	1.3	38.87	54	-15.13	-	-	167	287	V
			* 15.893315	56.23	PK-U	40.4	-43.13	0	53.5	-	-	74	-20.5	71	109	V
			* 15.880343	44.42	ADR	40.4	-42.93	1.3	43.19	54	-10.81	-	-	71	109	V
	5203	6 + 5	* 7.584817	55.79	PK-U	35.8	-45.78	0	45.81	-	-	74	-28.19	209	159	H
			* 7.594754	44.25	ADR	35.8	-45.78	1.3	35.57	54	-18.43	-	-	209	159	H
			* 11.450403	56.46	PK-U	38.3	-45.37	0	49.39	-	-	74	-24.61	87	142	H
			* 11.473387	44.95	ADR	38.3	-45.36	1.3	39.19	54	-14.81	-	-	87	142	H
			* 15.997392	55.95	PK-U	40.5	-43.53	0	52.92	-	-	74	-21.08	209	235	H
			* 16.012694	44.26	ADR	40.5	-43.25	1.3	42.81	54	-11.19	-	-	209	235	H
			* 7.55887	55.71	PK-U	35.8	-45.69	0	45.82	-	-	74	-28.18	77	151	V
			* 7.543964	44.2	ADR	35.7	-45.72	1.3	35.48	54	-18.52	-	-	77	151	V
			* 11.458995	56.9	PK-U	38.3	-45.39	0	49.81	-	-	74	-24.19	35	367	V
			* 11.470374	45.02	ADR	38.3	-45.4	1.3	39.22	54	-14.78	-	-	35	367	V
			* 15.989245	55.57	PK-U	40.5	-43.31	0	52.76	-	-	74	-21.24	148	183	V
			* 15.992268	44.01	ADR	40.5	-43.44	1.3	42.37	54	-11.63	-	-	148	183	V
	5245	6 + 5	* 7.556352	56.43	PK-U	35.8	-45.66	0	46.57	-	-	74	-27.43	182	139	H
			* 7.548582	44.27	ADR	35.8	-45.69	1.3	35.68	54	-18.32	-	-	182	139	H
			* 12.341294	56.16	PK-U	38.8	-44.09	0	50.87	-	-	74	-23.13	331	367	H
			* 12.324635	44.68	ADR	38.9	-43.72	1.3	41.16	54	-12.84	-	-	331	367	H
			* 15.954125	55.46	PK-U	40.5	-43.03	0	52.93	-	-	74	-21.07	240	171	H
			* 15.982281	43.85	ADR	40.5	-43.22	1.3	42.43	54	-11.57	-	-	240	171	H
			* 7.568684	56	PK-U	35.8	-45.72	0	46.08	-	-	74	-27.92	123	261	V
			* 7.57719	44.4	ADR	35.8	-45.78	1.3	35.72	54	-18.28	-	-	123	261	V
			* 12.325033	56.95	PK-U	38.9	-43.7	0	52.15	-	-	74	-21.85	59	390	V
			* 12.33809	44.56	ADR	38.8	-43.97	1.3	40.69	54	-13.31	-	-	59	390	V
			* 15.955409	55.69	PK-U	40.5	-42.98	0	53.21	-	-	74	-20.79	8	171	V
			* 15.923948	43.86	ADR	40.5	-43.52	1.3	42.14	54	-11.86	-	-	8	171	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

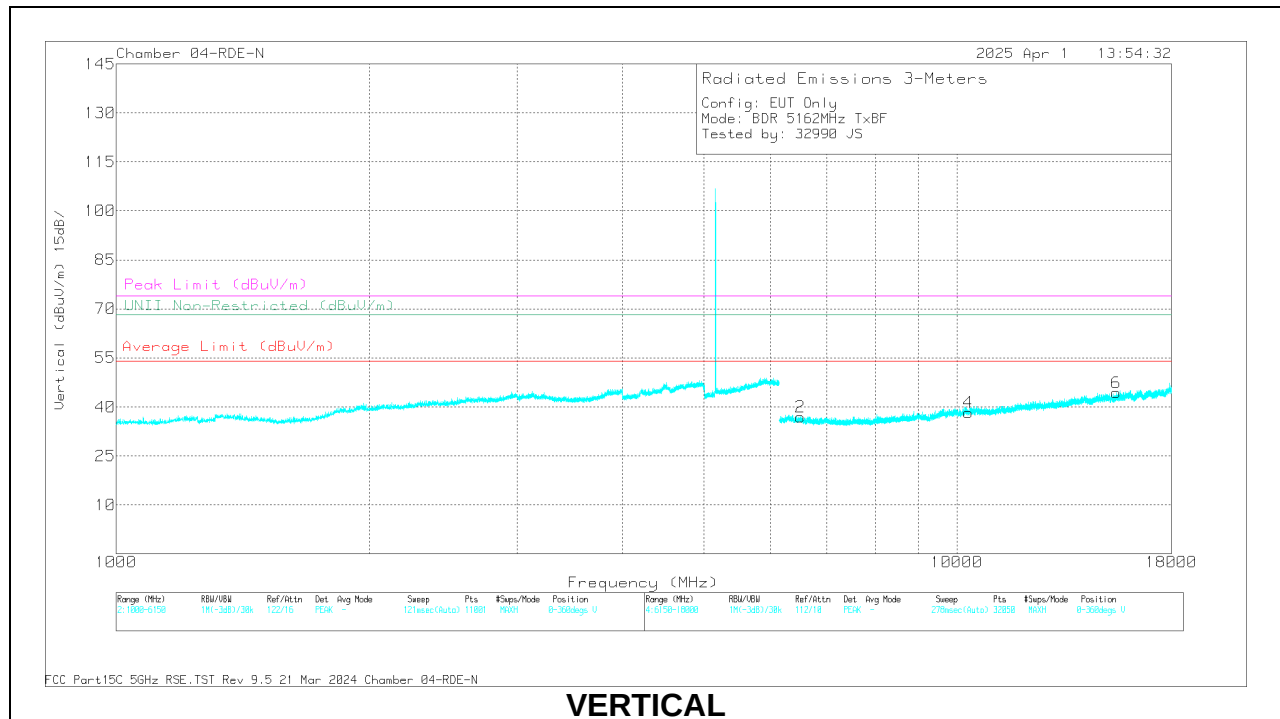
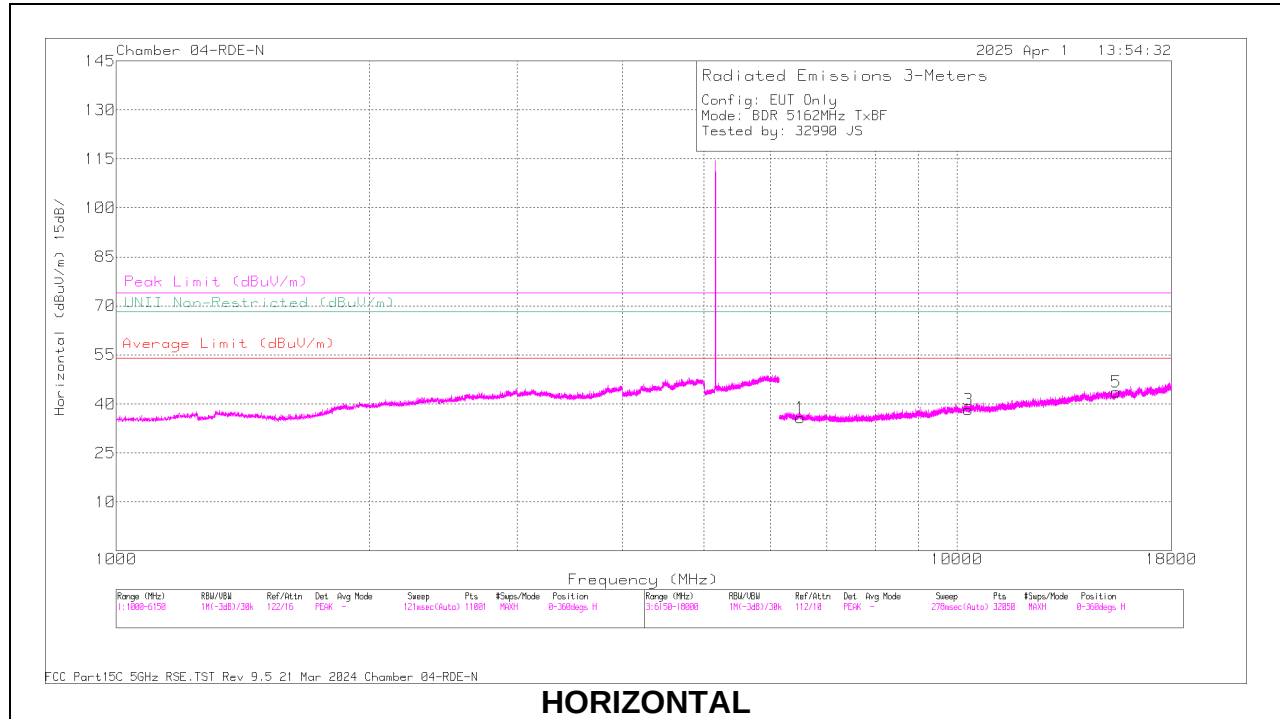
RMS - RMS detection

UNII-5 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
XHDRPM8	5162	6 + 5	2.581245	49.07	ADR	32.6	-50.31	0.34	31.7	-	-	-	-	130	302	V
			2.581444	60.81	PK-U	32.6	-50.31	0	43.1	-	-	68.2	-25.1	130	302	V
			2.591051	48.69	ADR	32.6	-50.26	0.34	31.37	-	-	-	-	135	331	H
			2.592933	60.67	PK-U	32.6	-50.29	0	42.98	-	-	68.2	-25.22	135	331	H
			10.322031	45.92	ADR	37.4	-46.61	0.34	37.05	-	-	-	-	54	383	H
			10.323004	57.61	PK-U	37.4	-46.65	0	48.36	-	-	68.2	-19.84	54	383	H
			10.33195	46.32	ADR	37.4	-46.84	0.34	37.22	-	-	-	-	124	106	V
			10.332689	59.17	PK-U	37.4	-46.83	0	49.74	-	-	68.2	-18.46	124	106	V
			15.464676	56.68	PK-U	40.2	-44.22	0	52.66	-	-	74	-21.34	264	134	V
			15.464831	45.28	ADR	40.2	-44.23	0.34	41.59	54	-12.41	-	-	264	134	V
			15.491924	45.13	ADR	40.2	-43.6	0.34	42.07	54	-11.93	-	-	330	323	H
			15.493133	56.96	PK-U	40.2	-43.58	0	53.58	-	-	74	-20.42	330	323	H
			2.600357	48.38	ADR	32.6	-50.25	0.34	31.07	-	-	-	-	83	357	H
			2.600733	60.13	PK-U	32.6	-50.24	0	42.49	-	-	68.2	-25.71	83	357	H
			2.603503	59.92	PK-U	32.6	-50.24	0	42.28	-	-	68.2	-25.92	16	228	V
	5203	6 + 5	2.603851	48.21	ADR	32.6	-50.24	0.34	30.91	-	-	-	-	16	228	V
			10.405182	46.35	ADR	37.5	-46.58	0.34	37.61	-	-	-	-	212	160	H
			10.405238	58.29	PK-U	37.5	-46.58	0	49.21	-	-	68.2	-18.99	212	160	H
			10.405902	46.34	ADR	37.5	-46.51	0.34	37.67	-	-	-	-	348	300	V
			10.407598	57.97	PK-U	37.5	-46.42	0	49.05	-	-	68.2	-19.15	348	300	V
			15.591098	56.19	PK-U	40.3	-42.98	0	53.51	-	-	74	-20.49	34	145	H
			15.593959	44.52	ADR	40.3	-43.11	0.34	42.05	54	-11.95	-	-	34	145	H
			15.598609	56.69	PK-U	40.4	-43.37	0	53.72	-	-	74	-20.28	164	328	V
			15.598862	44.6	ADR	40.4	-43.4	0.34	41.94	54	-12.06	-	-	164	328	V
			2.622601	48.49	ADR	32.6	-50.04	0.34	31.39	-	-	-	-	360	380	H
			2.623373	60.63	PK-U	32.6	-50.06	0	43.17	-	-	68.2	-25.03	0	207	V
			2.623425	60.69	PK-U	32.6	-50.07	0	43.22	-	-	68.2	-24.98	360	380	H
			2.624124	48.71	ADR	32.6	-50.1	0.34	31.55	-	-	-	-	0	207	V
	5245	6 + 5	10.47747	57.34	PK-U	37.5	-46.34	0	48.5	-	-	68.2	-19.7	217	243	H
			10.478519	45.81	ADR	37.5	-46.35	0.34	37.3	-	-	-	-	245	390	V
			10.479376	45.72	ADR	37.5	-46.32	0.34	37.24	-	-	-	-	217	243	H
			10.479657	57.31	PK-U	37.5	-46.3	0	48.51	-	-	68.2	-19.69	245	390	V
			15.73039	56.77	PK-U	40.5	-44.3	0	52.97	-	-	74	-21.03	171	322	V
			15.731541	45.39	ADR	40.5	-44.27	0.34	41.96	54	-12.04	-	-	171	322	V
			15.731891	57.11	PK-U	40.5	-44.28	0	53.33	-	-	74	-20.67	162	322	H
			15.733105	45.16	ADR	40.5	-44.25	0.34	41.75	54	-12.25	-	-	162	322	H
			3.458583	34.12	ADR	33	-25.61	0.24	41.75	-	-	-	-	344	131	V
			3.460845	45.81	PK-U	33	-25.57	0	53.24	-	-	68.2	-14.96	344	131	V
			3.467673	34.03	ADR	33	-25.5	0.24	41.77	-	-	-	-	3	199	H
			3.470643	45.53	PK-U	33	-25.53	0	53	-	-	68.2	-15.2	3	199	H
			6.310309	57.75	PK-U	35.6	-45.62	0	47.73	-	-	68.2	-20.47	345	368	H
			6.323374	45.79	ADR	35.6	-45.8	0.24	35.83	-	-	-	-	345	368	H
HDRPL8	5164	6 + 5	6.33494	45.72	ADR	35.6	-46.06	0.24	35.5	-	-	-	-	5	400	V
			6.33661	57.36	PK-U	35.6	-46.07	0	46.89	-	-	68.2	-21.31	5	400	V
			13.039347	44.74	ADR	38.9	-43.49	0.24	40.39	-	-	-	-	202	370	H
			13.043578	56.01	PK-U	38.9	-43.6	0	51.31	-	-	68.2	-16.89	202	370	H
			13.061354	55.73	PK-U	38.9	-43.51	0	51.12	-	-	68.2	-17.08	257	312	V
			13.061362	44.38	ADR	38.9	-43.51	0.24	40.01	-	-	-	-	257	312	V
			* 3.349408	45.78	PK-U	32.9	-25.59	0	53.09	-	-	74	-20.91	95	128	H
			* 3.348095	34.11	ADR	32.9	-25.57	0.24	41.68	54	-12.32	-	-	230	176	V
			3.341816	45.33	PK-U	32.9	-25.57	0	52.66	-	-	68.2	-15.54	230	176	V
			3.36512	34	ADR	32.9	-25.59	0.24	41.55	-	-	-	-	95	128	H
			10.395417	57.52	PK-U	37.7	-45.04	0	50.18	-	-	68.2	-18.02	3	370	V
			10.397599	45.99	ADR	37.7	-45	0.24	38.93	-	-	-	-	3	370	V
			10.47351	57.28	PK-U	37.6	-44.77	0	50.11	-	-	68.2	-18.09	157	376	H
			10.499305	46.04	ADR	37.6	-45.48	0.24	38.4	-	-	-	-	157	376	H
			17.110682	56.01	PK-U	40.5	-42.23	0	54.28	-	-	68.2	-13.92	18	126	V
	5203	6 + 5	17.133107	44.73	ADR	40.4	-42.05	0.24	43.32	-	-	-	-	18	126	V
			17.13884	56.18	PK-U	40.4	-42.02	0	54.56	-	-	68.2	-13.64	3	144	H
			17.144114	44.78	ADR	40.4	-42.11	0.24	43.31	-	-	-	-	3	144	H
			2.938758	46.29	PK-U	32.6	-25.69	0	53.2	-	-	68.2	-15	207	399	V
			2.94611	34.64	ADR	32.7	-25.83	0.24	41.75	-	-	-	-	207	399	V
			2.951115	34.59	ADR	32.7	-25.78	0.24	41.75	-	-	-	-	117	186	H
			2.955965	46.61	PK-U	32.7	-25.74	0	53.57	-	-	68.2	-14.63	117	186	H
			6.856803	56.51	PK-U	35.7	-46.39	0	45.82	-	-	68.2	-22.38	189	230	H
			6.871837	56.53	PK-U	35.7	-46.34	0	45.89	-	-	68.2	-22.31	56	190	V
			6.887568	45.29	ADR	35.7	-46.27	0.24	34.96	-	-	-	-	189	230	H
			6.89858	45.35	ADR	35.7	-46.19	0.24	35.1	-	-	-	-	56	190	V
			16.94514	56.91	PK-U	40.7	-42.87	0	54.74	-	-	68.2	-13.46	49	365	H
			16.969318	45.22	ADR	40.6	-42.72	0.24	43.34	-	-	-	-	49	365	H
			17.027054	44.94	ADR	40.6	-42.8	0.24	42.98	-	-	-	-	269	370	V
	5242	6 + 5	17.031509	56.25	PK-U	40.6	-42.74	0	54.11	-	-	68.2	-14.09	269	370	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)**LOW CHANNEL 5162MHz**

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 15475.948	55.75	PK-U	40.1	0	-43.49	52.36	-	-	74	-21.64	-	-	126	107	H
* 15490.223	44.45	ADR	40.1	0	-43.61	40.94	54	-13.06	-	-	-	-	126	107	H
* 15463.945	55.87	PK-U	40.1	0	-43.68	52.29	-	-	74	-21.71	-	-	313	137	V
* 15481.483	44.33	ADR	40.1	0	-43.5	10.93	54	-13.07	-	-	-	-	313	137	V
6512.367	46.18	ADR	35.6	0	-46.03	35.75	-	-	-	-	-	-	78	364	H
6525.139	57.65	PK-U	35.6	0	-46.32	46.93	-	-	-	-	68.2	-21.27	78	364	H
6529.106	58.26	PK-U	35.6	0	-46.37	47.49	-	-	-	-	68.2	-20.71	37	385	V
6533.082	46.09	ADR	35.6	0	-46.43	35.26	-	-	-	-	-	-	37	385	V
10327.358	45.5	ADR	37.8	0	-46.22	37.08	-	-	-	-	-	-	171	133	V
10327.866	57.12	PK-U	37.8	0	-46.21	48.71	-	-	-	-	68.2	-19.49	326	134	H
10339.68	45.54	ADR	37.8	0	-46.24	37.1	-	-	-	-	-	-	326	134	H
10342.265	56.87	PK-U	37.8	0	-46.25	48.42	-	-	-	-	68.2	-19.78	171	133	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

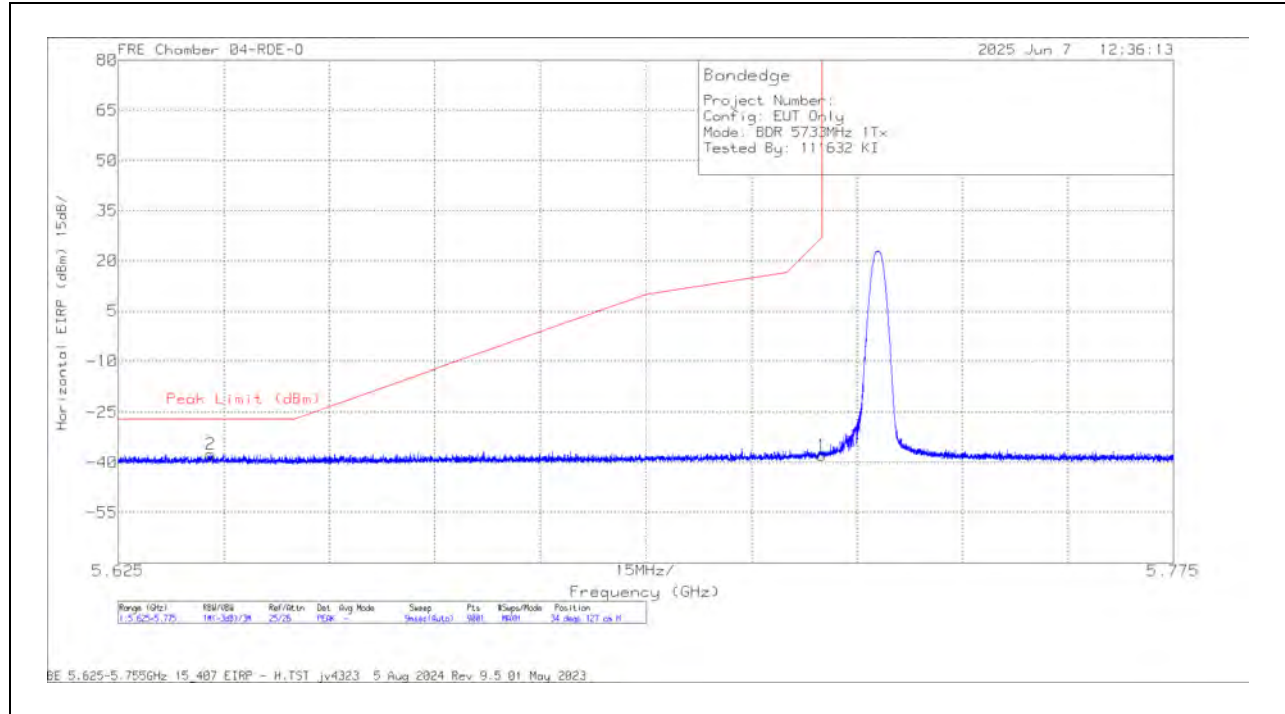
10.1.4. UNII-3 BAND SISO MODE – BANDEDGE – HIGH POWER

UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Conversion Factor (dB)	Amp/Cbl/ Filt/ Pad (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6	5.638167	-49.97	Pk	34.8	11.8	-34.19	0	-37.56	-27	-10.56	34	127	H
			5.725	-50.5	Pk	34.9	11.8	-34.1	0	-37.9	27	-64.9	34	127	H
			5.640984	-50.3	Pk	34.8	11.8	-34.23	0	-37.93	-27	-10.93	72	128	V
			5.725	-52.27	Pk	34.9	11.8	-34.1	0	-39.67	27	-66.67	72	128	V
		5	5.626867	-49.07	Pk	34.6	11.8	-37.31	0	-39.98	-27	-12.98	20	215	H
			5.725	-51.3	Pk	34.7	11.8	-36.96	0	-41.76	27	-68.76	20	215	H
			5.641384	-48.24	Pk	34.6	11.8	-37.29	0	-39.13	-27	-12.13	45	212	V
			5.725	-50.26	Pk	34.7	11.8	-36.96	0	-40.72	27	-67.72	45	212	V
	5844	6	5.85	-49.18	Pk	35.1	11.8	-33.85	0	-36.13	27	-63.13	35	104	H
			5.984025	-49.11	Pk	35.4	11.8	-33.7	0	-35.61	-27	-8.61	35	104	H
			5.85	-52.11	Pk	35.1	11.8	-33.85	0	-39.06	27	-66.06	6	104	V
			5.991475	-49.52	Pk	35.4	11.8	-33.61	0	-35.93	-27	-8.93	6	104	V
		5	5.85	-51.42	Pk	35.1	11.8	-33.85	0	-38.37	27	-65.37	358	104	H
			5.9587	-49.59	Pk	35.3	11.8	-33.54	0	-36.03	-27	-9.03	358	104	H
			5.85	-51.56	Pk	35.1	11.8	-33.85	0	-38.51	27	-65.51	354	101	V
			5.966275	-49.21	Pk	35.4	11.8	-33.62	0	-35.63	-27	-8.63	354	101	V
LE1M	5733	6	5.630813	-53.75	Pk	34.5	11.8	-30.1	0	-37.55	-27	-10.55	157	107	H
			5.725	-53.94	Pk	34.6	11.8	-29.9	0	-37.44	27	-64.44	157	107	H
			5.63747	-54.69	Pk	34.5	11.8	-30.1	0	-38.49	-27	-11.49	190	105	V
			5.725	-57.12	Pk	34.6	11.8	-29.9	0	-40.62	27	-67.62	190	105	V
		5	5.63432	-66.78	Pk	34.3	11.8	-17.5	0	-38.18	-27	-11.18	100	266	H
			5.725	-68.8	Pk	34.5	11.8	-17.4	0	-39.9	27	-66.9	100	266	H
			5.64949	-66.55	Pk	34.3	11.8	-17.4	0	-37.85	-27	-10.85	91	225	V
			5.725	-68.71	Pk	34.5	11.8	-17.4	0	-39.81	27	-66.81	91	225	V
	5844	6	5.85	-54.34	Pk	35	11.8	-29.8	0	-37.34	27	-64.34	157	112	H
			5.983942	-54.27	Pk	35.2	11.8	-29.5	0	-36.77	-27	-9.77	157	112	H
			5.85	-57.84	Pk	35	11.8	-29.8	0	-40.84	27	-67.84	254	112	V
			5.961636	-55.13	Pk	35.2	11.8	-29.5	0	-37.63	-27	-10.63	254	112	V
		5	5.85	-68.72	Pk	34.9	11.8	-16.4	0	-38.42	27	-65.42	105	246	H
			5.989962	-67.29	Pk	35.2	11.8	-16.4	0	-36.69	-27	-9.69	105	246	H
			5.85	-69.14	Pk	34.9	11.8	-16.4	0	-38.84	27	-65.84	97	205	V
			5.988443	-66.83	Pk	35.2	11.8	-16.4	0	-36.23	-27	-9.23	97	205	V
LE2M	5733	6	5.644802	-54	Pk	34.6	11.8	-30.1	0	-37.7	-27	-10.7	154	122	H
			5.725	-53.89	Pk	34.6	11.8	-29.9	0	-37.39	27	-64.39	154	122	H
			5.631019	-53.88	Pk	34.5	11.8	-30.1	0	-37.68	-27	-10.68	192	105	V
			5.725	-57.68	Pk	34.6	11.8	-29.9	0	-41.18	27	-68.18	192	105	V
		5	5.632688	-67.46	Pk	34.3	11.8	-17.5	0	-38.86	-27	-11.86	111	225	H
			5.725	-69.13	Pk	34.5	11.8	-17.4	0	-40.23	27	-67.23	111	225	H
			5.628994	-66.78	Pk	34.3	11.8	-17.5	0	-38.18	-27	-11.18	99	214	V
			5.725	-69.23	Pk	34.5	11.8	-17.4	0	-40.33	27	-67.33	99	214	V
	5844	6	5.85	-54.14	Pk	35	11.8	-29.8	0	-37.14	27	-64.14	152	137	H
			5.963352	-54.88	Pk	35.2	11.8	-29.5	0	-37.38	-27	-10.38	152	137	H
			5.85	-56.67	Pk	35	11.8	-29.8	0	-39.67	27	-66.67	252	111	V
			5.928528	-54.87	Pk	35.2	11.8	-29.7	0	-37.57	-27	-10.57	252	111	V
		5	5.85	-69.77	Pk	34.9	11.8	-16.4	0	-39.47	27	-66.47	85	189	H
			5.943183	-67.76	Pk	35.2	11.8	-16.2	0	-36.96	-27	-9.96	85	189	H
			5.85	-68.38	Pk	34.9	11.8	-16.4	0	-38.08	27	-65.08	90	225	V
			5.927994	-66.52	Pk	35.1	11.8	-16.2	0	-35.82	-27	-8.82	90	225	V

Pk - Peak detector

UNII-3 (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Conversion Factor (dB)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDT3	5733	6	5.637076	-54.86	Pk	34.5	-30.1	11.8	0	-38.66	-27	-11.66	248	128	H
			5.725	-55.55	Pk	34.6	-29.9	11.8	0	-39.05	27	-66.05	248	128	H
			5.637939	-54.7	Pk	34.5	-30	11.8	0	-38.4	-27	-11.4	102	322	V
		5	5.725	-56.86	Pk	34.6	-29.9	11.8	0	-40.36	27	-67.36	102	322	V
			5.641971	-65.97	Pk	34.3	-17.5	11.8	0	-37.37	-27	-10.37	286	257	H
			5.725	-68.44	Pk	34.5	-17.4	11.8	0	-39.54	27	-66.54	286	257	H
			5.643133	-66.63	Pk	34.3	-17.5	11.8	0	-38.03	-27	-11.03	307	149	V
			5.725	-68.5	Pk	34.5	-17.4	11.8	0	-39.6	27	-66.6	307	149	V
		5844	5.85	-51.4	Pk	35	-29.8	11.8	0	-34.4	27	-61.4	160	99	H
			5.940202	-54.75	Pk	35.2	-29.6	11.8	0	-37.35	-27	-10.35	160	99	H
			5.85	-55.85	Pk	35	-29.8	11.8	0	-38.85	27	-65.85	184	101	V
			5.992803	-55.22	Pk	35.2	-29.5	11.8	0	-37.72	-27	-10.72	184	101	V
			5.85	-67.63	Pk	34.9	-16.4	11.8	0	-37.33	27	-64.33	98	219	H
			5.941467	-67.21	Pk	35.1	-16.2	11.8	0	-36.51	-27	-9.51	98	219	H
			5.85	-69.41	Pk	34.9	-16.4	11.8	0	-39.11	27	-66.11	94	188	V
			5.965461	-67.61	Pk	35.2	-16.3	11.8	0	-36.91	-27	-9.91	94	188	V
HDR4	5733	6	5.642517	-49.16	Pk	34.8	11.8	-34.22	0	-36.78	-27	-9.78	30	117	H
			5.725	-49.27	Pk	34.9	11.8	-34.1	0	-36.67	27	-63.67	30	117	H
			5.63405	-50.06	Pk	34.8	11.8	-34.22	0	-37.68	-27	-10.68	72	124	V
		5	5.725	-52.41	Pk	34.9	11.8	-34.1	0	-39.81	27	-66.81	72	124	V
			5.633284	-50	Pk	34.8	11.8	-34.22	0	-37.62	-27	-10.62	8	115	H
			5.725	-51.68	Pk	34.9	11.8	-34.1	0	-39.08	27	-66.08	8	115	H
			5.62505	-50.1	Pk	34.8	11.8	-34.24	0	-37.74	-27	-10.74	351	105	V
			5.725	-52.69	Pk	34.9	11.8	-34.1	0	-40.09	27	-67.09	351	105	V
		5844	5.85	-42.72	Pk	35.1	11.8	-33.85	0	-29.67	27	-56.67	38	102	H
			5.96905	-48.78	Pk	35.4	11.8	-33.74	0	-35.32	-27	-8.32	38	102	H
			5.85	-51.67	Pk	35.1	11.8	-33.85	0	-38.62	27	-65.62	9	104	V
			5.972975	-49.49	Pk	35.4	11.8	-33.73	0	-36.02	-27	-9.02	9	104	V
			5.85	-52.17	Pk	35.1	11.8	-33.85	0	-39.12	27	-66.12	341	196	H
			5.976225	-50.97	Pk	35.4	11.8	-33.72	0	-37.49	-27	-10.49	341	196	H
			5.85	-53.05	Pk	35.1	11.8	-33.85	0	-40	27	-67	351	400	V
			5.9541	-51.24	Pk	35.3	11.8	-33.65	0	-37.79	-27	-10.79	351	400	V
HDR8	5733	6	5.633734	-49.7	Pk	34.8	11.8	-34.22	0	-37.32	-27	-10.32	32	111	H
			5.725	-41.62	Pk	34.9	11.8	-34.1	0	-29.02	27	-56.02	32	111	H
			5.6458	-50.3	Pk	34.8	11.8	-34.18	0	-37.88	-27	-10.88	70	160	V
		5	5.725	-51.47	Pk	34.9	11.8	-34.1	0	-38.87	27	-65.87	70	160	V
			5.636767	-49.75	Pk	34.8	11.8	-34.2	0	-37.35	-27	-10.35	16	168	H
			5.725	-50.07	Pk	34.9	11.8	-34.1	0	-37.47	27	-64.47	16	168	H
			5.62685	-50.39	Pk	34.8	11.8	-34.24	0	-38.03	-27	-11.03	23	150	V
			5.725	-51.26	Pk	34.9	11.8	-34.1	0	-38.66	27	-65.66	23	150	V
		5844	5.85	-29.3	Pk	35.1	11.8	-33.85	0	-16.25	27	-43.25	37	104	H
			5.950575	-48.99	Pk	35.3	11.8	-33.68	0	-35.57	-27	-8.57	37	104	H
			5.85	-46.38	Pk	35.1	11.8	-33.85	0	-33.33	27	-60.33	9	280	V
			5.928775	-50.93	Pk	35.3	11.8	-33.66	0	-37.49	-27	-10.49	9	280	V
			5.85	-34.55	Pk	35.1	11.8	-33.85	0	-21.5	27	-48.5	7	107	H
			5.9827	-49.58	Pk	35.4	11.8	-33.7	0	-36.08	-27	-9.08	7	107	H
			5.85	-37.91	Pk	35.1	11.8	-33.85	0	-24.86	27	-51.86	351	102	V
			5.99865	-49.46	Pk	35.4	11.8	-33.68	0	-35.94	-27	-8.94	351	102	V
XHDRPL16	5733	6	5.626181	-66.46	Pk	34.3	11.8	-17.5	0	-37.86	-27	-10.86	226	101	H
			5.725	-50.64	Pk	34.5	11.8	-17.4	0	-21.74	27	-48.74	226	101	H
			5.649678	-66.31	Pk	34.4	11.8	-17.4	0	-37.51	-27	-10.51	197	283	V
		5	5.725	-59.53	Pk	34.5	11.8	-17.4	0	-30.63	27	-57.63	197	283	V
			5.635	-64.81	Pk	34.3	11.8	-26	0	-44.71	-27	-17.71	195	225	H
			5.725	-47.11	Pk	34.5	11.8	-26.1	0	-26.91	27	-53.91	195	225	H
			5.637717	-64.67	Pk	34.3	11.8	-26	0	-44.57	-27	-17.57	181	231	V
			5.725	-51.85	Pk	34.5	11.8	-26.1	0	-31.65	27	-58.65	181	231	V
		5844	5.85	-30.62	Pk	34.9	11.8	-16.4	0	-0.32	27	-27.32	226	116	H
			5.989849	-64.57	Pk	35.2	11.8	-16.4	0	-33.97	-27	-6.97	226	116	H
			5.85	-44.21	Pk	34.9	11.8	-16.4	0	-13.91	27	-40.91	85	266	V
			5.997247	-65.44	Pk	35.2	11.8	-16.5	0	-34.94	-27	-7.94	85	266	V
			5.85	-34.52	Pk	34.9	11.8	-16.4	0	-4.22	27	-31.22	191	222	H
			5.928612	-65.65	Pk	35.1	11.8	-16.2	0	-34.95	-27	-7.95	191	222	H
			5.85	-36.93	Pk	34.9	11.8	-16.4	0	-6.63	27	-33.63	186	227	V
			5.976488	-64.47	Pk	35.2	11.8	-16.4	0	-33.87	-27	-6.87	186	227	V

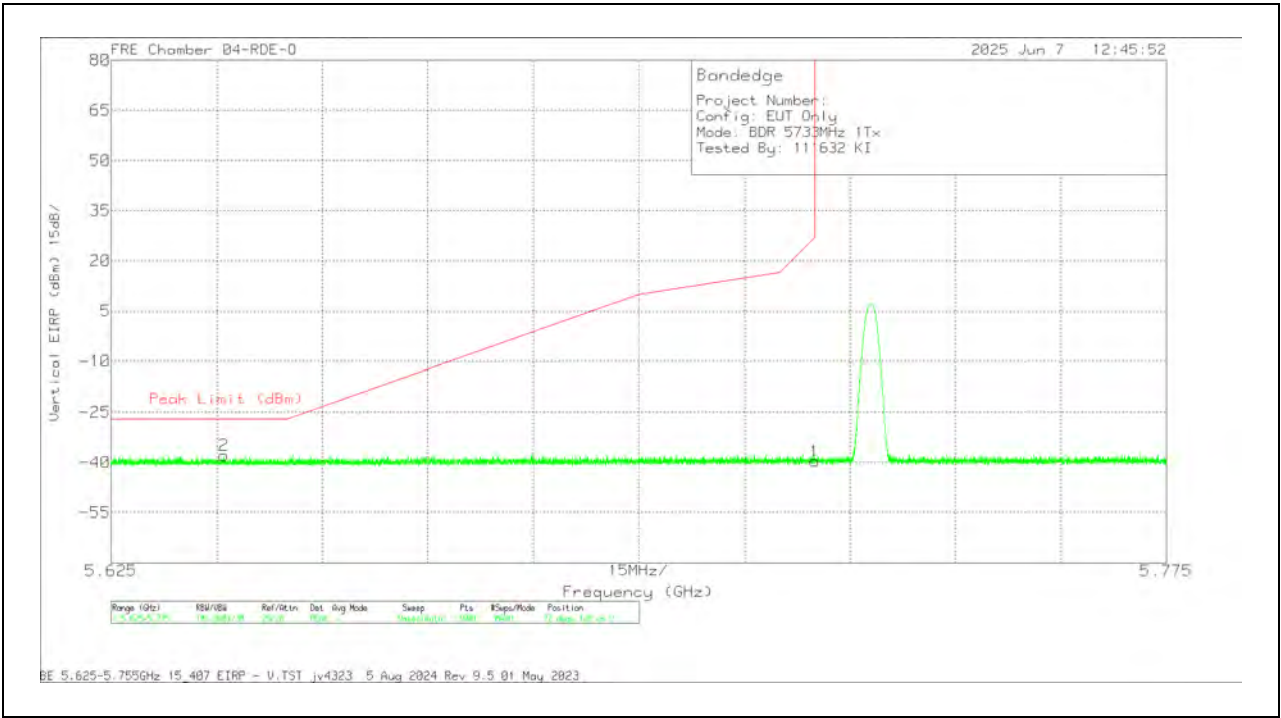
Pk - Peak detector

1TX Antenna 6**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80402 (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.638167	-49.97	PK	34.8	11.8	0	-34.19	-37.56	-27	-10.56	34	127	H
1	5.725	-50.5	PK	34.9	11.8	0	-34.1	-37.9	27	-64.9	34	127	H

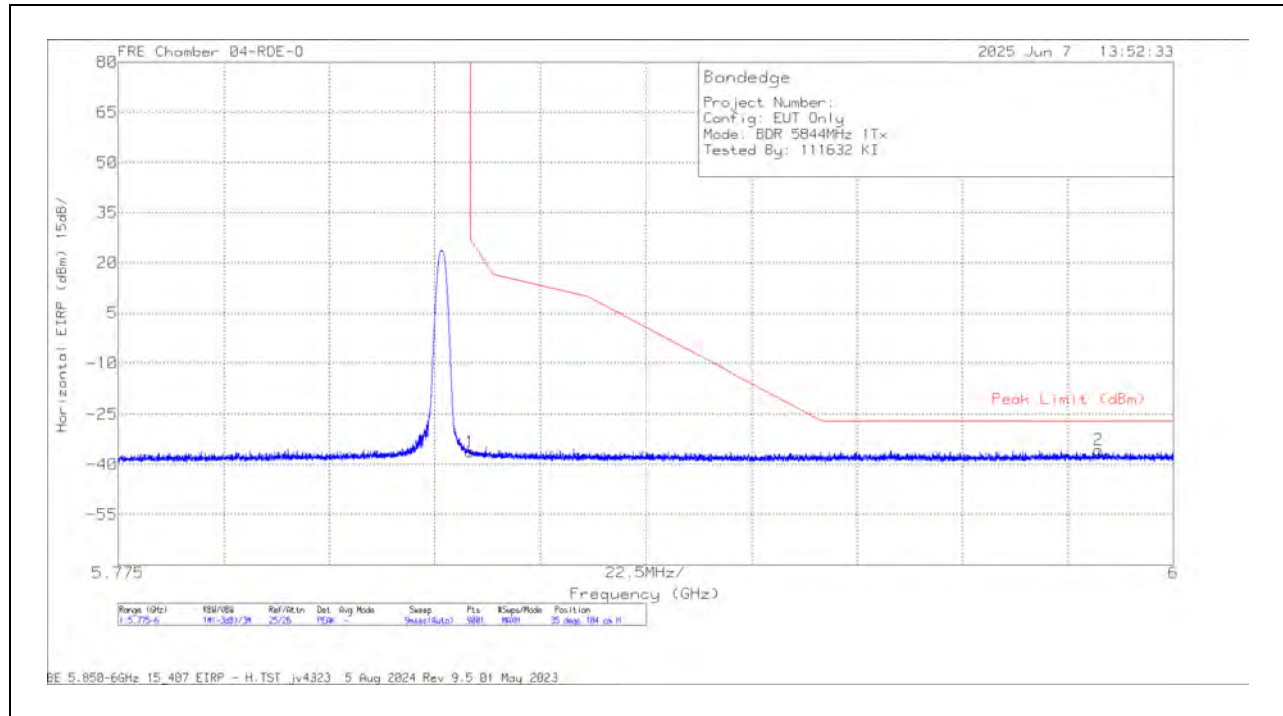
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80402 (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.640984	-50.3	Pk	34.8	11.8	0	-34.23	-37.93	-27	-10.93	72	128	V
1	5.725	-52.27	PK	34.9	11.8	0	-34.1	-39.67	27	-66.67	72	128	V

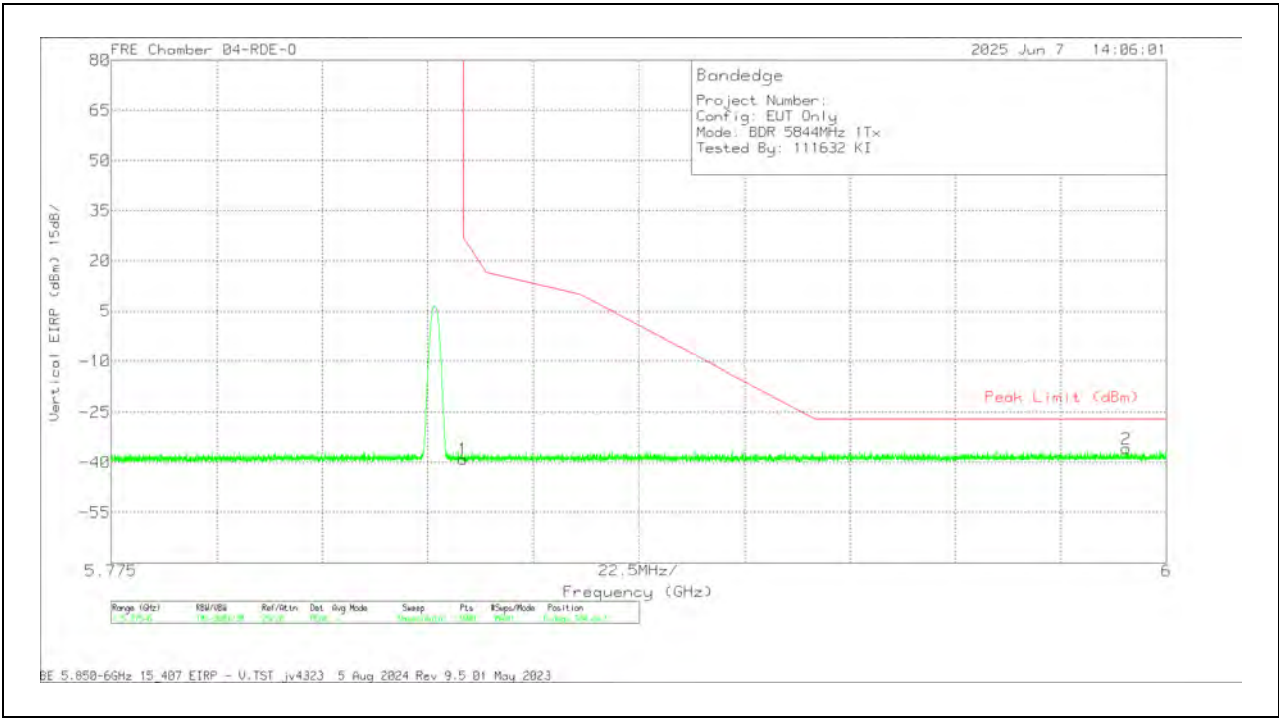
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80402 (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.18	PK	35.1	11.8	0	-33.85	-36.13	27	-63.13	35	104	H
2	5.984025	-49.11	PK	35.4	11.8	0	-33.7	-35.61	-27	-8.61	35	104	H

Pk - Peak detector

VERTICAL RESULT



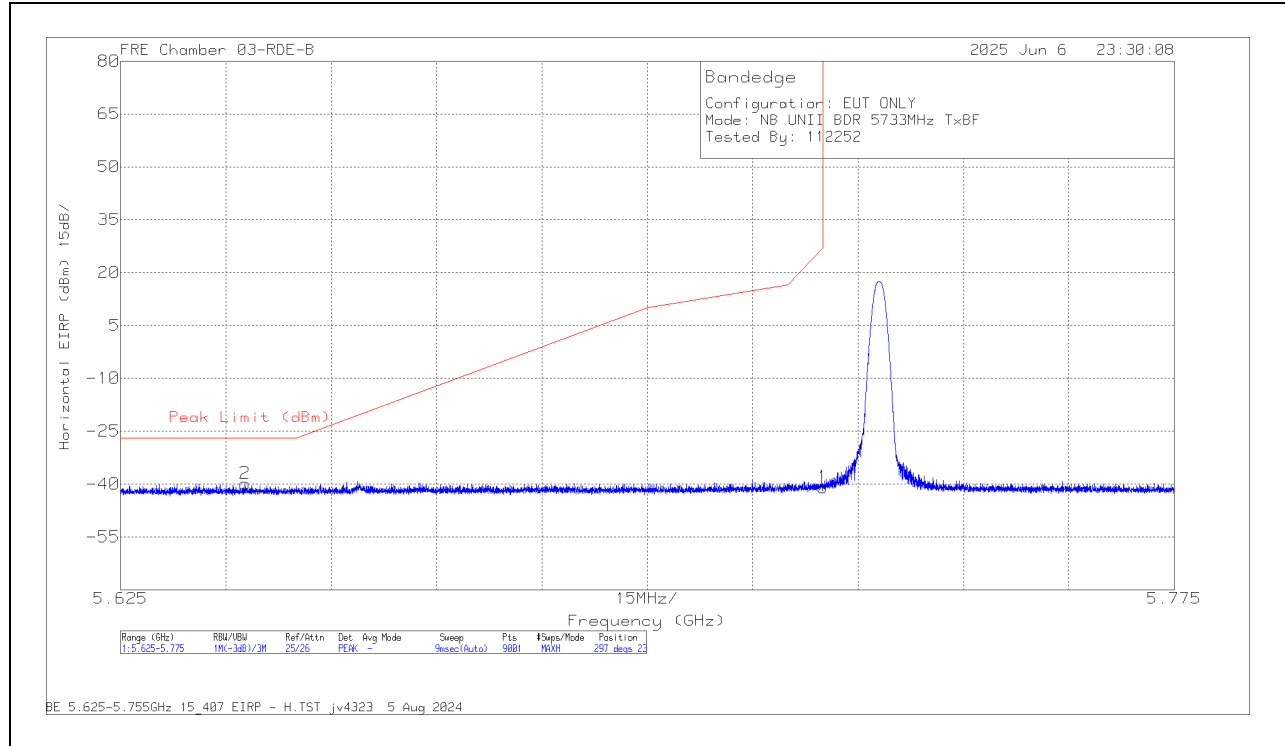
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80402 (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.11	Pk	35.1	11.8	0	-33.85	-39.06	27	-66.06	6	104	V
2	5.991475	-49.52	Pk	35.4	11.8	0	-33.61	-35.93	-27	-8.93	6	104	V

Pk - Peak detector

10.1.5. UNII-3 BAND MIMO TXBF MODE – BANDEDGE – HIGH POWER

UNII-3 (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Correct Reading EIRP (dBm)	Pk Limit (dBm)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	5.642717	-47.14	Pk	34.5	-39	11.8	0	-39.84	-27	-12.84	297	234	H
			5.725	-48.49	Pk	34.6	-38.8	11.8	0	-40.89	27	-67.89	297	234	H
			5.64585	-47.15	Pk	34.5	-39	11.8	0	-39.85	-27	-12.85	4	206	V
			5.725	-48.86	Pk	34.6	-38.8	11.8	0	-41.26	27	-68.26	4	206	V
	5844	6 + 5	5.85	-47.96	Pk	34.9	-38.5	11.8	0	-39.76	27	-66.76	322	132	H
			5.990475	-46.84	Pk	35.2	-38.2	11.8	0	-38.04	-27	-11.04	322	132	H
			5.85	-49.44	Pk	34.9	-38.5	11.8	0	-41.24	27	-68.24	357	221	V
			5.990175	-47.53	Pk	35.2	-38.2	11.8	0	-38.73	-27	-11.73	357	221	V
LE1M	5733	6 + 5	5.628019	-54.36	Pk	34.5	-30.1	11.8	0	-38.16	-27	-11.16	166	225	H
			5.725	-54.67	Pk	34.6	-29.9	11.8	0	-38.17	27	-65.17	166	225	H
			5.638333	-54.8	Pk	34.5	-30	11.8	0	-38.5	-27	-11.5	230	174	V
			5.725	-56.93	Pk	34.6	-29.9	11.8	0	-40.43	27	-67.43	230	174	V
	5844	6 + 5	5.85	-54.3	Pk	35	-29.8	11.8	0	-37.3	27	-64.3	159	226	H
			5.947993	-54.14	Pk	35.2	-29.6	11.8	0	-36.74	-27	-9.74	159	226	H
			5.85	-56.89	Pk	35	-29.8	11.8	0	-39.89	27	-66.89	200	236	V
			5.982705	-54.74	Pk	35.2	-29.5	11.8	0	-37.24	-27	-10.24	200	236	V
LE2M	5733	6 + 5	5.65024	-53.95	Pk	34.6	-30.1	11.8	0	-37.65	-26.82	-10.83	164	243	H
			5.725	-54.49	Pk	34.6	-29.9	11.8	0	-37.99	27	-64.99	164	243	H
			5.644465	-54.36	Pk	34.6	-30.1	11.8	0	-38.06	-27	-11.06	230	300	V
			5.725	-56.68	Pk	34.6	-29.9	11.8	0	-40.18	27	-67.18	230	300	V
	5844	6 + 5	5.85	-53.44	Pk	35	-29.8	11.8	0	-36.44	27	-63.44	151	114	H
			5.978738	-54.59	Pk	35.2	-29.5	11.8	0	-37.09	-27	-10.09	151	114	H
			5.85	-55.99	Pk	35	-29.8	11.8	0	-38.99	27	-65.99	186	120	V
			5.99255	-54.24	Pk	35.2	-29.5	11.8	0	-36.74	-27	-9.74	186	120	V
HDT3	5733	6 + 5	5.639927	-53.94	Pk	34.5	-30.1	11.8	0	-37.74	-27	-10.74	153	107	H
			5.725	-54.73	Pk	34.6	-29.9	11.8	0	-38.23	27	-65.23	153	107	H
			5.643002	-54.84	Pk	34.6	-30	11.8	0	-38.44	-27	-11.44	187	128	V
			5.725	-56.19	Pk	34.6	-29.9	11.8	0	-39.69	27	-66.69	187	128	V
	5844	6 + 5	5.85	-51.41	Pk	35	-29.8	11.8	0	-34.41	27	-61.41	158	105	H
			5.991846	-54.49	Pk	35.2	-29.5	11.8	0	-36.99	-27	-9.99	158	105	H
			5.85	-56.37	Pk	35	-29.8	11.8	0	-39.37	27	-66.37	189	106	V
			5.970159	-54.89	Pk	35.2	-29.6	11.8	0	-37.49	-27	-10.49	189	106	V
HDR4	5733	6 + 5	5.62915	-46.64	Pk	34.5	-39.1	11.8	0	-39.44	-27	-12.44	294	234	H
			5.725	-47.74	Pk	34.6	-38.8	11.8	0	-40.14	27	-67.14	294	234	H
			5.648017	-47.49	Pk	34.5	-39	11.8	0	-40.19	-27	-13.19	3	206	V
			5.725	-48.33	Pk	34.6	-38.8	11.8	0	-40.73	27	-67.73	3	206	V
	5844	6 + 5	5.85	-46.77	Pk	34.9	-38.5	11.8	0	-38.57	27	-65.57	325	243	H
			5.94855	-46.77	Pk	35.1	-38.3	11.8	0	-38.17	-27	-11.17	325	243	H
			5.85	-49.59	Pk	34.9	-38.5	11.8	0	-41.39	27	-68.39	3	221	V
			5.971	-47.62	Pk	35.2	-38.2	11.8	0	-38.82	-27	-11.82	3	221	V
HDR8	5733	6 + 5	5.639252	-54.2	Pk	34.5	-30.1	11.8	0	-38	-27	-11	169	230	H
			5.725	-46.06	Pk	34.6	-29.9	11.8	0	-29.56	27	-56.56	169	230	H
			5.647352	-54.73	Pk	34.6	-30	11.8	0	-38.33	-27	-11.33	191	140	V
			5.725	-53.68	Pk	34.6	-29.9	11.8	0	-37.18	27	-64.18	191	140	V
	5844	6 + 5	5.85	-39.52	Pk	34.9	-38.5	11.8	0	-31.32	27	-58.32	293	210	H
			5.967725	-47.04	Pk	35.2	-38.23	11.8	0	-38.27	-27	-11.27	293	210	H
			5.85	-45.93	Pk	34.9	-38.5	11.8	0	-37.73	27	-64.73	6	210	V
			5.9339	-47.01	Pk	35.1	-38.3	11.8	0	-38.41	-27	-11.41	6	210	V
XHDRPL16	5733	6 + 5	5.635989	-66.54	Pk	34.3	-17.5	11.8	0	-37.94	-27	-10.94	282	230	H
			5.725	-50.94	Pk	34.5	-17.4	11.8	0	-22.04	27	-49.04	282	230	H
			5.650034	-67.18	Pk	34.4	-17.4	11.8	0	-38.38	-26.97	-11.41	305	290	V
			5.725	-59.2	Pk	34.5	-17.4	11.8	0	-30.3	27	-57.3	305	290	V
	5844	6 + 5	5.85	-28.61	Pk	34.9	-16.4	11.8	0	1.69	27	-25.31	187	217	H
			5.967768	-64.75	Pk	35.2	-16.3	11.8	0	-34.05	-27	-7.05	187	217	H
			5.85	-36.61	Pk	34.9	-16.4	11.8	0	-6.31	27	-33.31	210	209	V
			5.951453	-64.93	Pk	35.2	-16.2	11.8	0	-34.13	-27	-7.13	210	209	V

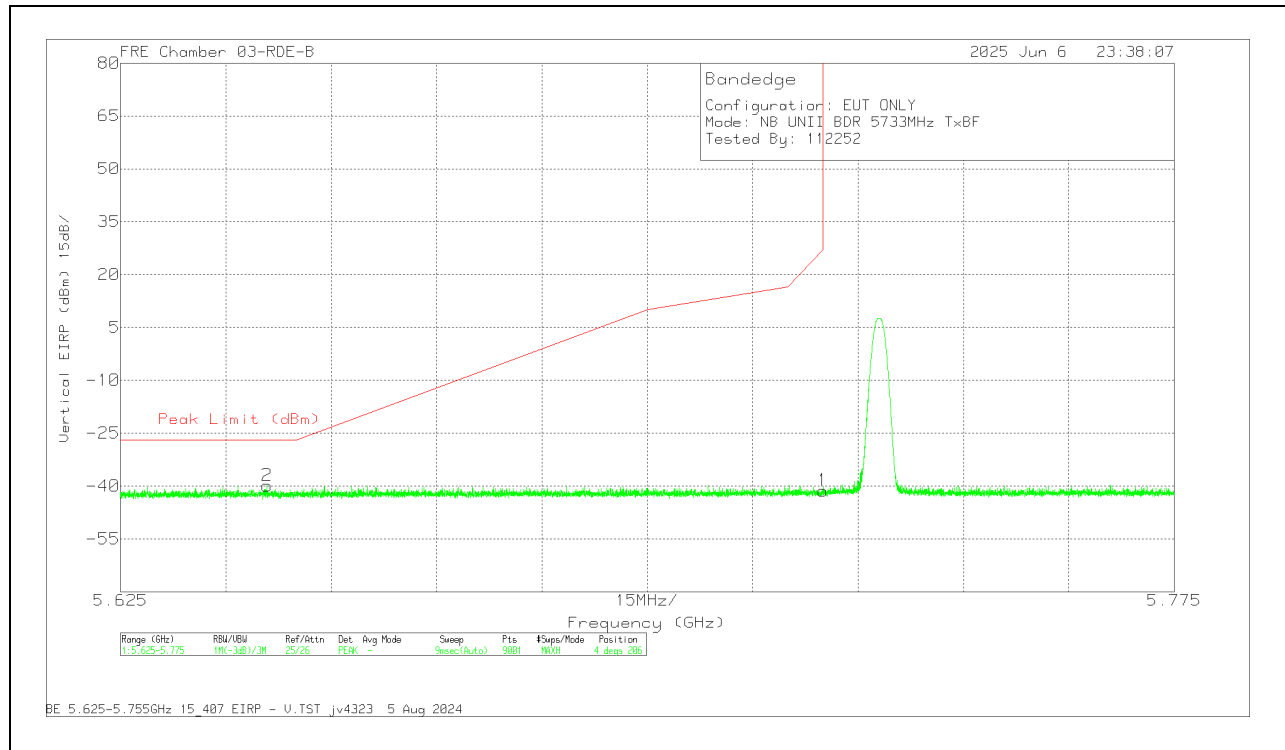
Pk - Peak detector

2TX Antenna 6 + Antenna 5 TXBF MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	223084 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642717	-47.14	PK	34.5	11.8	0	-39	-39.84	-27	-12.84	297	234	H
1	5.725	-48.49	PK	34.6	11.8	0	-38.8	-40.89	27	-67.89	297	234	H

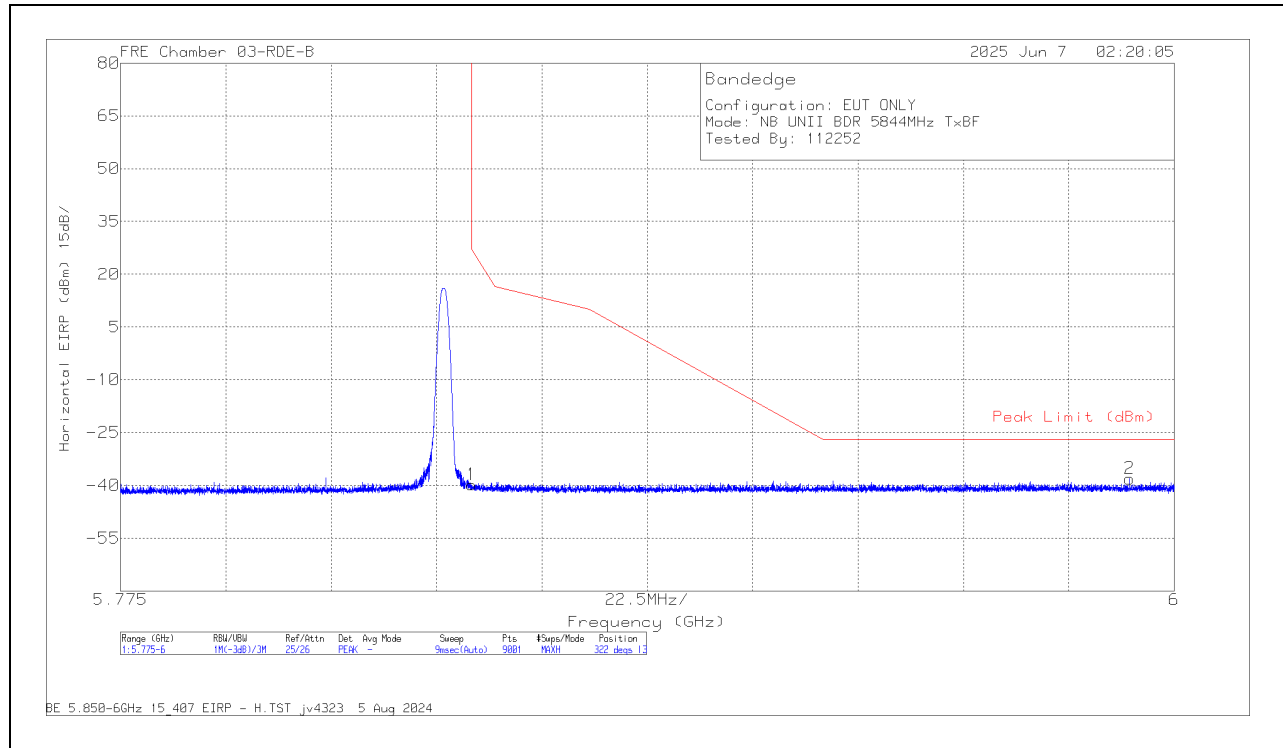
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	223084 ACF (dBm)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64585	-47.15	Pk	34.5	11.8	0	-39	-39.85	-27	-12.85	4	206	V
1	5.725	-48.86	Pk	34.6	11.8	0	-38.8	-41.26	27	-68.26	4	206	V

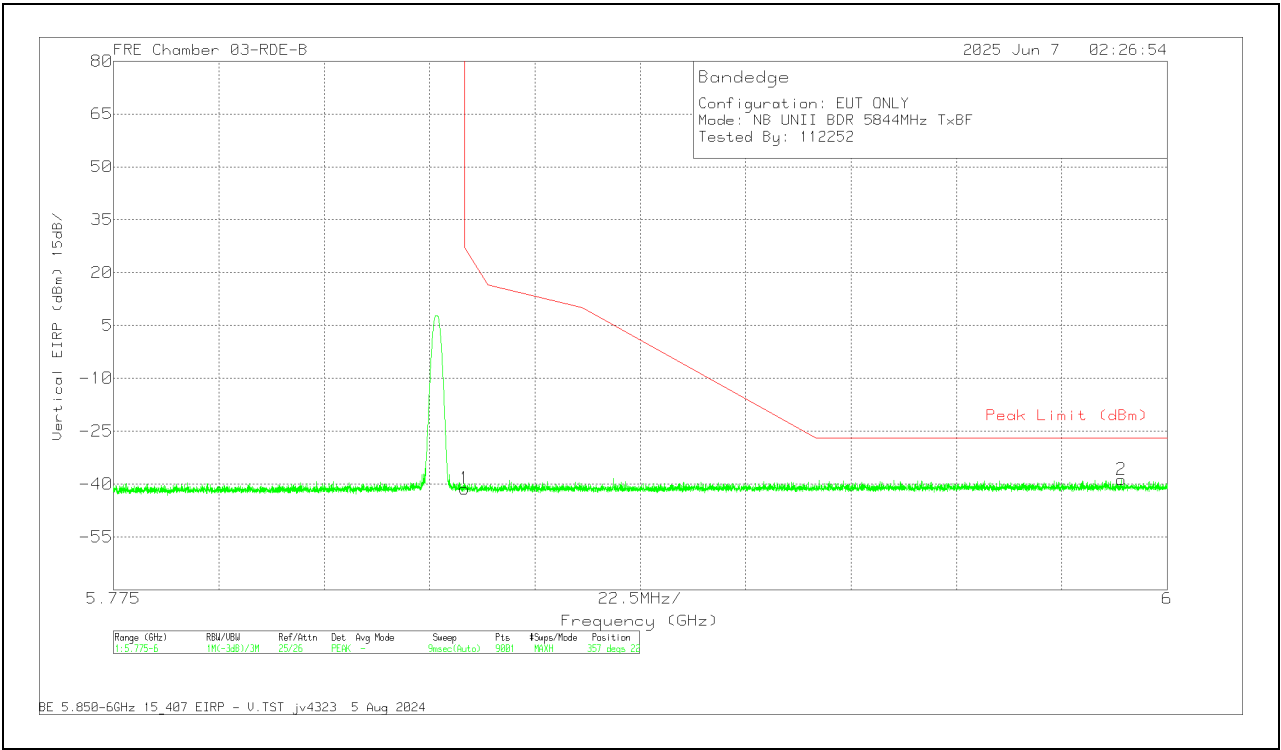
Pk - Peak detector

BANDEGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	223084 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.96	Pk	34.9	11.8	0	-38.5	-39.76	27	-66.76	322	132	H
2	5.990475	-46.84	Pk	35.2	11.8	0	-38.2	-38.04	-27	-11.04	322	132	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	223084 ACF (dB/m)	Conversion Factor (dB)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.44	Pk	34.9	11.8	0	-38.5	-41.24	27	-68.24	357	221	V
2	5.990175	-47.53	Pk	35.2	11.8	0	-38.2	-38.73	-27	-11.73	357	221	V

Pk - Peak detector

10.1.6. UNII-3 MIMO TXBF BAND – SPURIOUS EMISSIONS – HIGH POWER

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR	5733	6 + 5	* 11.471001	56.57	PK-U	38.3	-45.36	0	49.51	-	-	74	-24.49	4	390	H
			* 11.472831	45.14	ADR	38.3	-45.38	0	38.06	54	-15.94	-	-	4	390	H
			* 11.471416	56.54	PK-U	38.3	-45.37	0	49.47	-	-	74	-24.53	204	285	V
			* 11.473627	44.77	ADR	38.3	-45.35	0	37.72	54	-16.28	-	-	204	285	V
			7.150833	44.6	ADR	35.7	-46.28	0	34.02	-	-	-	-	278	195	H
			7.164813	45.44	ADR	35.7	-46.28	0	34.86	-	-	-	-	42	396	V
			7.174866	57.11	PK-U	35.7	-46.22	0	46.59	-	-	68.2	-21.61	278	195	H
			7.184921	56.77	PK-U	35.6	-46.15	0	46.22	-	-	68.2	-21.98	42	396	V
			17.19286	57.49	PK-U	40.4	-42.95	0	54.94	-	-	68.2	-13.26	310	397	V
			17.19677	56.81	PK-U	40.4	-42.79	0	54.42	-	-	68.2	-13.78	19	224	H
			17.201507	45.51	ADR	40.4	-42.79	0	43.12	-	-	-	-	310	397	V
			17.207171	45.4	ADR	40.4	-42.8	0	43	-	-	-	-	19	224	H
			6.307533	57.17	PK-U	35.6	-45.49	0	47.28	-	-	68.2	-20.92	125	166	V
			6.337324	45.61	ADR	35.6	-46.12	0	35.09	-	-	-	-	109	279	H
			6.344955	57.82	PK-U	35.6	-46.11	0	47.31	-	-	68.2	-20.89	109	279	H
			6.345768	45.39	ADR	35.6	-46.13	0	34.86	-	-	-	-	125	166	V
			11.559721	55.92	PK-U	38.4	-44.89	0	49.43	-	-	74	-24.57	42	217	V
	5788	6 + 5	11.592871	56.43	PK-U	38.4	-45.28	0	49.55	-	-	74	-24.45	347	125	H
			11.594361	44.51	ADR	38.4	-45.31	0	37.6	54	-16.4	-	-	42	217	V
			11.59537	44.59	ADR	38.4	-45.34	0	37.65	54	-16.35	-	-	347	125	H
			17.353358	56.47	PK-U	40.4	-42.42	0	54.45	-	-	68.2	-13.75	308	147	V
			17.370227	44.66	ADR	40.5	-42.66	0	42.5	-	-	-	-	329	275	H
			17.373005	56.51	PK-U	40.5	-42.76	0	54.25	-	-	68.2	-13.95	329	275	H
			17.374907	44.62	ADR	40.5	-42.76	0	42.36	-	-	-	-	308	147	V
			6.485971	57.21	PK-U	35.6	-46	0	46.81	-	-	68.2	-21.39	356	119	V
			6.489865	57.31	PK-U	35.6	-45.91	0	47	-	-	68.2	-21.2	311	234	H
			6.499597	45.58	ADR	35.6	-45.85	0	35.33	-	-	-	-	356	119	V
			6.516781	45.69	ADR	35.6	-46.13	0	35.16	-	-	-	-	311	234	H
			11.678508	45.11	ADR	38.5	-45.29	0	38.32	54	-15.68	-	-	151	122	H
			11.684147	56.88	PK-U	38.5	-45.31	0	50.07	-	-	74	-23.93	151	122	H
			11.686154	56.77	PK-U	38.5	-45.32	0	49.95	-	-	74	-24.05	190	119	V
			11.690077	45.06	ADR	38.5	-45.25	0	38.31	54	-15.69	-	-	190	119	V
			17.527645	55.35	PK-U	40.7	-42.28	0	53.77	-	-	68.2	-14.43	119	310	H
			17.543748	43.98	ADR	40.7	-42.47	0	42.21	-	-	-	-	119	310	H
			17.546491	43.97	ADR	40.7	-42.5	0	42.17	-	-	-	-	180	217	V
			17.549222	55.45	PK-U	40.7	-42.43	0	53.72	-	-	68.2	-14.48	180	217	V
LE1M	5733	6 + 5	2.317765	61.13	PK-U	31.8	-49.42	0	43.51	-	-	74	-30.49	220	288	H
			2.318086	49.37	ADR	31.8	-49.42	0.72	32.47	54	-21.53	-	-	220	288	H
			2.31857	49.35	ADR	31.8	-49.45	0.72	32.42	54	-21.58	-	-	2	153	V
			2.321181	61.03	PK-U	31.8	-49.41	0	43.42	-	-	74	-30.58	2	153	V
			3.818867	57.2	PK-U	33.3	-45.9	0	44.6	-	-	74	-29.4	359	326	V
			3.819735	45.74	ADR	33.3	-45.89	0.72	33.87	54	-20.13	-	-	359	326	V
			3.84133	45.46	ADR	33.4	-46.09	0.72	33.49	54	-20.51	-	-	167	110	H
			3.841449	57.15	PK-U	33.4	-46.09	0	44.46	-	-	74	-29.54	167	110	H
			10.534313	58.46	PK-U	37.6	-44.47	0	51.59	-	-	68.2	-16.61	21	268	H
			10.534384	46.59	ADR	37.6	-44.47	0.72	40.44	-	-	-	-	21	268	H
			10.537314	46.43	ADR	37.6	-44.32	0.72	40.43	-	-	-	-	256	119	V
			10.538716	58.1	PK-U	37.6	-44.3	0	51.4	-	-	68.2	-16.8	256	119	V
			2.892585	59.37	PK-U	32.7	-49.18	0	42.89	-	-	74	-31.11	89	185	H
			2.877372	47.98	ADR	32.6	-49.16	0.72	32.14	54	-21.86	-	-	89	185	H
			2.879005	59.45	PK-U	32.6	-49.16	0	42.89	-	-	74	-31.11	71	325	V
			2.881845	47.91	ADR	32.6	-49.2	0.72	32.03	54	-21.97	-	-	71	325	V
			11.607244	55.66	PK-U	38.4	-44.35	0	49.71	-	-	74	-24.29	299	218	H
			11.600195	43.71	ADR	38.4	-44.24	0.72	38.59	54	-15.41	-	-	299	218	H
	5788	6 + 5	17.38167	53.67	PK-U	41.4	-40.79	0	54.28	-	-	68.2	-13.92	70	179	H
			17.390124	42.08	ADR	41.4	-40.79	0.72	43.41	-	-	-	-	70	179	H
			11.582017	55.92	PK-U	38.3	-44.09	0	50.13	-	-	74	-23.87	90	271	V
			11.592689	44.02	ADR	38.4	-44.1	0.72	39.04	54	-14.96	-	-	90	271	V
			17.389937	54.33	PK-U	41.4	-40.78	0	54.95	-	-	68.2	-13.25	99	242	V
			17.386315	42.71	ADR	41.4	-40.78	0.72	44.05	-	-	-	-	99	242	V
			2.990303	59.67	PK-U	32.8	-48.8	0	43.67	-	-	68.2	-24.53	108	207	H
			2.988003	47.66	ADR	32.8	-48.82	0.72	32.36	-	-	-	-	108	207	H
			3.004221	59.61	PK-U	32.9	-48.7	0	43.81	-	-	68.2	-24.39	10	206	V
			2.989027	47.77	ADR	32.8	-48.82	0.72	32.47	-	-	-	-	10	206	V
			2.986087	59.37	PK-U	32.8	-48.82	0	43.35	-	-	68.2	-24.85	10	206	V
			2.986894	47.6	ADR	32.8	-48.82	0.72	32.3	-	-	-	-	10	206	V
			11.689089	55.31	PK-U	38.6	-44.14	0	49.77	-	-	74	-24.23	38	318	H
			11.687787	43.72	ADR	38.6	-44.19	0.72	38.85	54	-15.15	-	-	38	318	H
			17.542247	53.16	PK-U	41.5	-39.43	0	55.23	-	-	68.2	-12.97	26	287	H
			17.546509	41.61	ADR	41.4	-39.53	0.72	44.2	-	-	-	-	26	287	H
	5844	6 + 5	11.711854	55.07	PK-U	38.6	-44.15	0	49.52	-	-	74	-24.48	71	106	V
			11.682036	43.45	ADR	38.6	-44.27	0.72	38.5	54	-15.5	-	-	71	106	V
			17.51937	53.26	PK-U	41.5	-39.52	0	55.24	-	-	68.2	-12.96	9	324	V
			17.544427	41.55	ADR	41.5	-39.46	0.72	44.31	-	-	-	-	9	324	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	5733	6 + 5	2.879635	59.59	PK-U	32.6	-49.16	0	43.03	-	-	74	-30.97	234	104	H
			2.881522	47.73	ADR	32.6	-49.19	2.45	33.59	54	-20.41	-	-	234	104	H
			2.875395	59.83	PK-U	32.6	-49.18	0	43.25	-	-	74	-30.75	233	233	V
			2.886908	47.66	ADR	32.6	-49.26	2.45	33.45	54	-20.55	-	-	233	233	V
			11.491873	55.66	PK-U	38.2	-44.38	0	49.48	-	-	74	-24.52	17	338	H
			11.490313	43.41	ADR	38.2	-44.4	2.45	39.66	54	-14.34	-	-	17	338	H
			17.205618	53.26	PK-U	41.4	-40.97	0	53.69	-	-	68.2	-14.51	192	285	H
			17.218605	41.44	ADR	41.4	-41.13	2.45	44.16	-	-	-	-	192	285	H
			11.44067	55.78	PK-U	38.1	-44.79	0	49.09	-	-	74	-24.91	152	232	V
			11.472635	43.71	ADR	38.1	-44.37	2.45	39.89	54	-14.11	-	-	152	232	V
			17.201695	54.15	PK-U	41.4	-40.97	0	54.58	-	-	68.2	-13.62	140	280	V
			17.206326	42.35	ADR	41.4	-40.98	2.45	45.22	-	-	-	-	140	280	V
	5788	6 + 5	2.342346	60.68	PK-U	32.1	-49.94	0	42.84	-	-	74	-31.16	70	360	H
			2.497784	48.78	ADR	32.2	-50.12	2.45	33.31	54	-20.69	-	-	70	360	H
			2.889655	60	PK-U	32.7	-49.22	0	43.48	-	-	74	-30.52	359	330	V
			2.885389	47.67	ADR	32.6	-49.25	2.45	33.47	54	-20.53	-	-	359	330	V
			11.59366	55.74	PK-U	38.4	-44.1	0	50.04	-	-	74	-23.96	203	265	H
			11.578914	43.7	ADR	38.3	-44.04	2.45	40.41	54	-13.59	-	-	203	265	H
			11.579828	56	PK-U	38.3	-44.01	0	50.29	-	-	74	-23.71	78	288	V
			11.574677	43.82	ADR	38.3	-44.2	2.45	40.37	54	-13.63	-	-	78	288	V
			17.371231	54.79	PK-U	41.4	-40.66	0	55.53	-	-	68.2	-12.67	17	294	H
			17.374138	42.74	ADR	41.4	-40.67	2.45	45.92	-	-	-	-	17	294	H
			17.380311	54.66	PK-U	41.4	-40.76	0	55.3	-	-	68.2	-12.9	42	295	V
			17.386978	42.74	ADR	41.4	-40.8	2.45	45.79	-	-	-	-	42	295	V
	5844	6 + 5	2.253014	60.8	PK-U	31.7	-50.27	0	42.23	-	-	74	-31.77	56	167	H
			2.215639	49.01	ADR	31.8	-50.29	2.45	32.97	54	-21.03	-	-	56	167	H
			2.9466	59.35	PK-U	32.8	-48.99	0	43.16	-	-	68.2	-25.04	354	205	V
			2.941133	47.48	ADR	32.8	-49	2.45	33.73	-	-	-	-	354	205	V
			11.708295	55.51	PK-U	38.6	-44.05	0	50.06	-	-	74	-23.94	108	384	H
			11.725157	43.7	ADR	38.6	-44.3	2.45	40.45	54	-13.55	-	-	108	384	H
			17.521531	53.1	PK-U	41.4	-39.45	0	55.05	-	-	68.2	-13.15	342	259	H
			17.551727	41.51	ADR	41.4	-39.82	2.45	45.54	-	-	-	-	342	259	H
			11.679381	55.65	PK-U	38.6	-44.3	0	49.95	-	-	74	-24.05	327	308	V
			11.683146	43.59	ADR	38.6	-44.27	2.45	40.37	54	-13.63	-	-	327	308	V
			17.539024	53.42	PK-U	41.4	-39.41	0	55.41	-	-	68.2	-12.79	211	253	V
			17.544891	41.49	ADR	41.5	-39.48	2.45	45.96	-	-	-	-	211	253	V
HDT3	5733	6 + 5	* 12.116937	40.77	ADR	38.8	-39.9	0.23	39.9	54	-14.1	-	-	81	311	V
			* 12.123417	53.06	PK-U	38.8	-40	0	51.86	-	-	74	-22.14	81	311	V
			* 12.136186	40.78	ADR	38.8	-40.2	0.23	39.61	54	-14.39	-	-	230	268	H
			* 12.137231	52.19	PK-U	38.8	-40	0	50.99	-	-	74	-23.01	230	268	H
			* 3.754173	56.46	PK-U	33.4	-45.7	0	44.16	-	-	74	-29.84	73	164	H
			* 3.757114	44.65	ADR	33.4	-45.8	0.23	32.48	54	-21.52	-	-	73	164	H
			* 3.769694	56.43	PK-U	33.4	-45.8	0	44.03	-	-	74	-29.97	7	227	V
			* 3.750767	44.68	ADR	33.3	-45.7	0.23	32.51	54	-21.49	-	-	7	227	V
			* 8.217421	53.89	PK-U	35.9	-42.5	0	47.29	-	-	74	-26.71	104	311	H
			* 8.23387	41.76	ADR	35.9	-42.3	0.23	35.59	54	-18.41	-	-	104	311	H
			* 8.243975	53.81	PK-U	35.9	-42.4	0	47.31	-	-	74	-26.69	335	262	V
			* 8.246873	41.74	ADR	35.9	-42.3	0.23	35.57	54	-18.43	-	-	335	262	V
	5788	6 + 5	* 12.252823	40.89	ADR	38.9	-40.1	0.23	39.92	54	-14.08	-	-	332	324	H
			* 12.254846	52.38	PK-U	38.9	-40.1	0	51.18	-	-	74	-22.82	332	324	H
			* 12.250867	52.6	PK-U	38.9	-40	0	51.5	-	-	74	-22.5	121	169	V
			* 12.260182	40.88	ADR	38.9	-39.7	0.23	40.31	54	-13.69	-	-	121	169	V
			* 3.796191	56.91	PK-U	33.4	-45.8	0	44.51	-	-	74	-29.49	145	133	H
			* 3.819671	44.89	ADR	33.5	-45.5	0.23	33.12	54	-20.88	-	-	145	133	H
			* 3.819971	44.88	ADR	33.5	-45.5	0.23	33.11	54	-20.89	-	-	15	243	V
			* 3.830178	56.55	PK-U	33.5	-45.5	0	44.55	-	-	74	-29.45	15	243	V
			* 8.186372	53.24	PK-U	35.9	-42	0	47.14	-	-	74	-26.86	153	280	H
			* 8.186808	41.71	ADR	35.9	-42.1	0.23	35.74	54	-18.26	-	-	153	280	H
			* 8.182353	53.6	PK-U	35.9	-42	0	47.5	-	-	74	-26.5	299	258	V
			* 8.191406	41.73	ADR	35.9	-42.2	0.23	35.66	54	-18.34	-	-	299	258	V
	5844	6 + 5	* 12.025371	52.28	PK-U	38.8	-40.1	0	50.98	-	-	74	-23.02	349	186	H
			* 12.034802	41.16	ADR	38.8	-39.9	0.23	40.29	54	-13.71	-	-	349	186	H
			* 12.044177	40.95	ADR	38.8	-40.1	0.23	39.88	54	-14.12	-	-	178	323	V
			* 12.044746	52.58	PK-U	38.8	-40	0	51.38	-	-	74	-22.62	178	323	V
			* 3.545322	44.35	ADR	33	-45.2	0.23	32.38	54	-21.62	-	-	248	354	V
			* 3.560415	55.85	PK-U	33	-45	0	43.85	-	-	74	-30.15	248	354	V
			* 3.541942	44.1	ADR	33	-45.2	0.23	32.13	54	-21.87	-	-	161	129	H
			* 3.577429	55.73	PK-U	33.1	-45	0	43.83	-	-	74	-30.17	161	129	H
			* 8.052845	53.6	PK-U	35.9	-42.1	0	47.4	-	-	74	-26.6	58	348	H
			* 8.054468	41.91	ADR	35.9	-42	0.23	36.04	54	-17.96	-	-	58	348	H
			* 8.047366	53.87	PK-U	35.9	-42.1	0	47.67	-	-	74	-26.33	79	392	V
			* 8.059238	41.89	ADR	35.9	-42.1	0.23	35.92	54	-18.08	-	-	79	392	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
HDR4	5733	6 + 5	* 7.462328	56.04	PK-U	35.7	-46.08	0	45.66	-	-	74	-28.34	151	146	H
			* 7.45252	44.34	ADR	35.7	-46.09	1.3	35.25	54	-18.75	-	-	151	146	H
			* 11.96691	56.34	PK-U	38.8	-44.93	0	50.21	-	-	74	-23.79	105	302	H
			* 11.965847	44.61	ADR	38.8	-44.95	1.3	39.76	54	-14.24	-	-	105	302	H
			* 15.888375	56.56	PK-U	40.4	-42.99	0	53.97	-	-	74	-20.03	216	184	H
			* 15.884319	44.36	ADR	40.4	-42.94	1.3	43.12	54	-10.88	-	-	216	184	H
			* 7.42359	56.51	PK-U	35.6	-46.06	0	46.05	-	-	74	-27.95	113	267	V
			* 7.433168	44.41	ADR	35.6	-46.08	1.3	35.23	54	-18.77	-	-	113	267	V
			* 11.992459	56.48	PK-U	38.8	-44.83	0	50.45	-	-	74	-23.55	243	147	V
			* 11.959758	44.5	ADR	38.8	-44.99	1.3	39.61	54	-14.39	-	-	243	147	V
			* 15.887124	55.47	PK-U	40.4	-42.98	0	52.89	-	-	74	-21.11	228	297	V
			* 15.886091	44.3	ADR	40.4	-42.93	1.3	43.07	54	-10.93	-	-	228	297	V
			* 7.50528	55.97	PK-U	35.7	-45.86	0	45.81	-	-	74	-28.19	173	284	H
			* 7.471615	44.32	ADR	35.7	-45.99	1.3	35.33	54	-18.67	-	-	173	284	H
			* 11.851618	56.14	PK-U	38.7	-45.05	0	49.79	-	-	74	-24.21	123	209	H
	5788	6 + 5	* 11.849939	44.19	ADR	38.7	-45	1.3	39.19	54	-14.81	-	-	123	209	H
			* 15.972294	56.17	PK-U	40.5	-42.91	0	53.76	-	-	74	-20.24	259	144	H
			* 15.994467	43.84	ADR	40.5	-43.45	1.3	42.19	54	-11.81	-	-	259	144	H
			* 7.484647	56.03	PK-U	35.7	-45.93	0	45.8	-	-	74	-28.2	157	296	V
			* 7.485588	44.4	ADR	35.7	-45.92	1.3	35.48	54	-18.52	-	-	157	296	V
			* 11.860992	55.95	PK-U	38.7	-45.07	0	49.58	-	-	74	-24.42	263	150	V
			* 11.873612	44.1	ADR	38.7	-44.92	1.3	39.18	54	-14.82	-	-	263	150	V
			* 15.99316	55.38	PK-U	40.5	-43.41	0	52.47	-	-	74	-21.53	156	266	V
			* 16.026012	44.1	ADR	40.5	-43.02	1.3	42.88	54	-11.12	-	-	156	266	V
			* 7.487692	56.07	PK-U	35.7	-45.91	0	45.86	-	-	74	-28.14	70	172	H
			* 7.457115	44.47	ADR	35.7	-46.09	1.3	35.38	54	-18.62	-	-	70	172	H
			* 11.62894	56.23	PK-U	38.5	-45.19	0	49.54	-	-	74	-24.46	310	270	H
			* 11.629022	44.89	ADR	38.5	-45.19	1.3	39.5	54	-14.5	-	-	310	270	H
			* 15.867863	55.79	PK-U	40.4	-42.99	0	53.2	-	-	74	-20.8	154	134	H
			* 15.867186	44.39	ADR	40.4	-43.03	1.3	43.06	54	-10.94	-	-	154	134	H
HDR8	5733	6 + 5	* 7.472308	55.96	PK-U	35.7	-46	0	45.66	-	-	74	-28.34	267	167	V
			* 7.475089	44.33	ADR	35.7	-46.02	1.3	35.31	54	-18.69	-	-	267	167	V
			* 11.635625	56.81	PK-U	38.5	-45.17	0	50.14	-	-	74	-23.86	168	201	V
			* 11.64674	44.88	ADR	38.5	-45.13	1.3	39.55	54	-14.45	-	-	168	201	V
			* 15.890619	55.77	PK-U	40.4	-43.04	0	53.13	-	-	74	-20.87	243	260	V
			* 15.892651	44.48	ADR	40.4	-43.1	1.3	43.08	54	-10.92	-	-	243	260	V
			* 7.452562	56.42	PK-U	35.7	-46.09	0	46.03	-	-	74	-27.97	219	138	H
			* 7.47959	44.37	ADR	35.7	-45.96	1.27	35.38	54	-18.62	-	-	219	138	H
			* 11.682346	56.62	PK-U	38.5	-45.32	0	49.8	-	-	74	-24.2	258	247	H
			* 11.673575	44.95	ADR	38.5	-45.28	1.27	39.44	54	-14.56	-	-	258	247	H
			* 15.874789	56.34	PK-U	40.4	-42.96	0	53.78	-	-	74	-20.22	183	142	H
			* 15.87878	44.51	ADR	40.4	-42.96	1.27	43.22	54	-10.78	-	-	183	142	H
			* 7.458416	56.2	PK-U	35.7	-46.09	0	45.81	-	-	74	-28.19	68	257	V
			* 7.434948	44.57	ADR	35.6	-46.06	1.27	35.38	54	-18.62	-	-	68	257	V
			* 11.68673	56.3	PK-U	38.5	-45.33	0	49.47	-	-	74	-24.53	174	177	V
	5788	6 + 5	* 11.685294	44.72	ADR	38.5	-45.32	1.27	39.17	54	-14.83	-	-	174	177	V
			* 15.877625	55.8	PK-U	40.4	-42.9	0	53.3	-	-	74	-20.7	99	141	V
			* 15.8677	44.37	ADR	40.4	-43	1.27	43.04	54	-10.96	-	-	99	141	V
			* 7.488146	56.15	PK-U	35.7	-45.91	0	45.94	-	-	74	-28.06	216	148	H
			* 7.475378	44.34	ADR	35.7	-46.01	1.27	35.3	54	-18.7	-	-	216	148	H
			* 11.682557	56.32	PK-U	38.5	-45.32	0	49.5	-	-	74	-24.5	140	206	H
			* 11.674063	44.84	ADR	38.5	-45.29	1.27	39.32	54	-14.68	-	-	140	206	H
			* 15.834146	56.47	PK-U	40.4	-43.4	0	53.47	-	-	74	-20.53	260	143	H
			* 15.809772	44.83	ADR	40.4	-42.9	1.27	43.6	54	-10.4	-	-	260	143	H
			* 7.497846	55.91	PK-U	35.7	-45.85	0	45.76	-	-	74	-28.24	120	117	V
			* 7.467711	44.53	ADR	35.7	-46.02	1.27	35.48	54	-18.52	-	-	120	117	V
			* 11.660391	56.24	PK-U	38.5	-45.16	0	49.58	-	-	74	-24.42	206	209	V
			* 11.677369	45.03	ADR	38.5	-45.27	1.27	39.53	54	-14.47	-	-	206	209	V
			* 15.840737	56.25	PK-U	40.4	-43.52	0	53.13	-	-	74	-20.87	85	122	V
			* 15.827353	44.57	ADR	40.4	-43.4	1.27	42.84	54	-11.16	-	-	85	122	V
	5844	6 + 5	* 7.495381	56.13	PK-U	35.7	-45.84	0	45.99	-	-	74	-28.01	191	268	H
			* 7.478155	44.77	ADR	35.7	-45.97	1.27	35.77	54	-18.23	-	-	191	268	H
			* 11.840957	55.77	PK-U	38.7	-44.88	0	49.59	-	-	74	-24.41	104	168	H
			* 11.841646	44.27	ADR	38.7	-44.87	1.27	39.37	54	-14.63	-	-	104	168	H
			* 15.84972	56.62	PK-U	40.4	-43.34	0	53.68	-	-	74	-20.32	190	276	H
			* 15.865768	44.35	ADR	40.4	-43.02	1.27	43	54	-11	-	-	190	276	H
			* 7.472141	55.71	PK-U	35.7	-46	0	45.41	-	-	74	-28.59	117	182	V
			* 7.498006	44.24	ADR	35.7	-45.86	1.27	35.35	54	-18.65	-	-	117	182	V
			* 11.853732	55.66	PK-U	38.7	-45.05	0	49.31	-	-	74	-24.69	183	268	V
			* 11.842165	44.38	ADR	38.7	-44.86	1.27	39.49	54	-14.51	-	-	183	268	V
			* 15.881712	55.95	PK-U	40.4	-42.94	0	53.41	-	-	74	-20.59	241	285	V
			* 15.854827	44.53	ADR	40.4	-43.29	1.27	42.91	54	-11.09	-	-	241	285	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

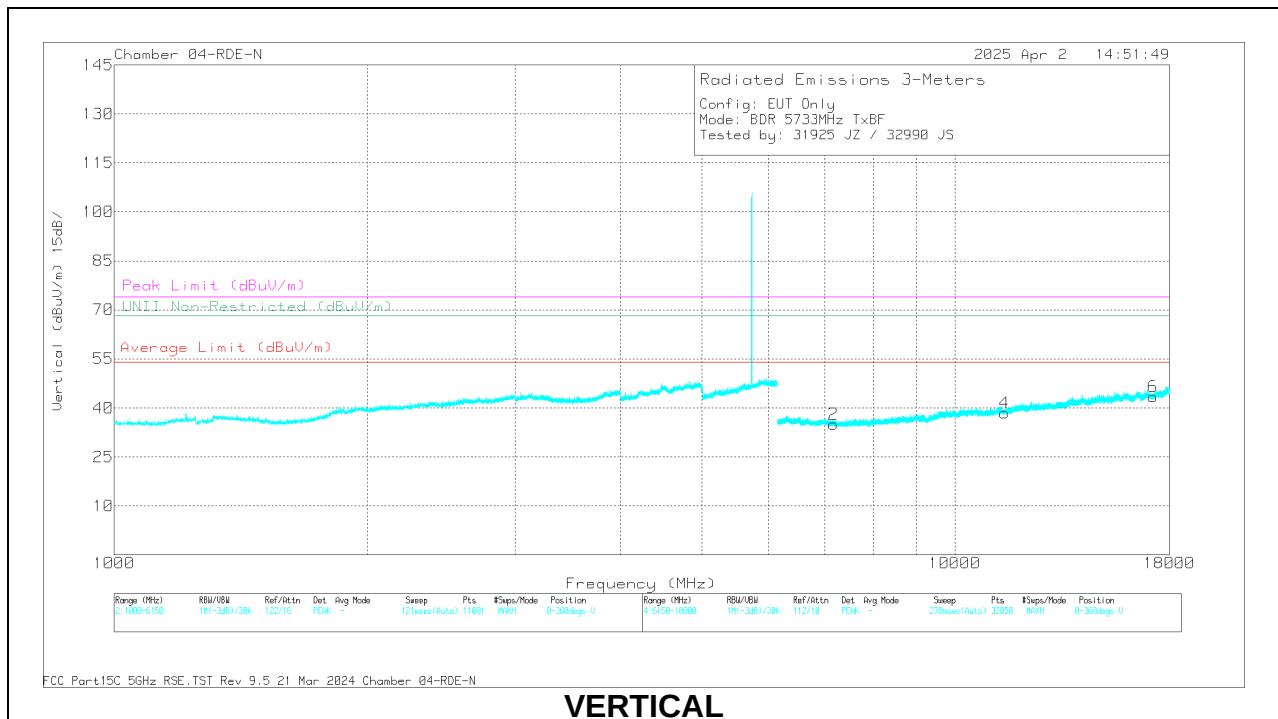
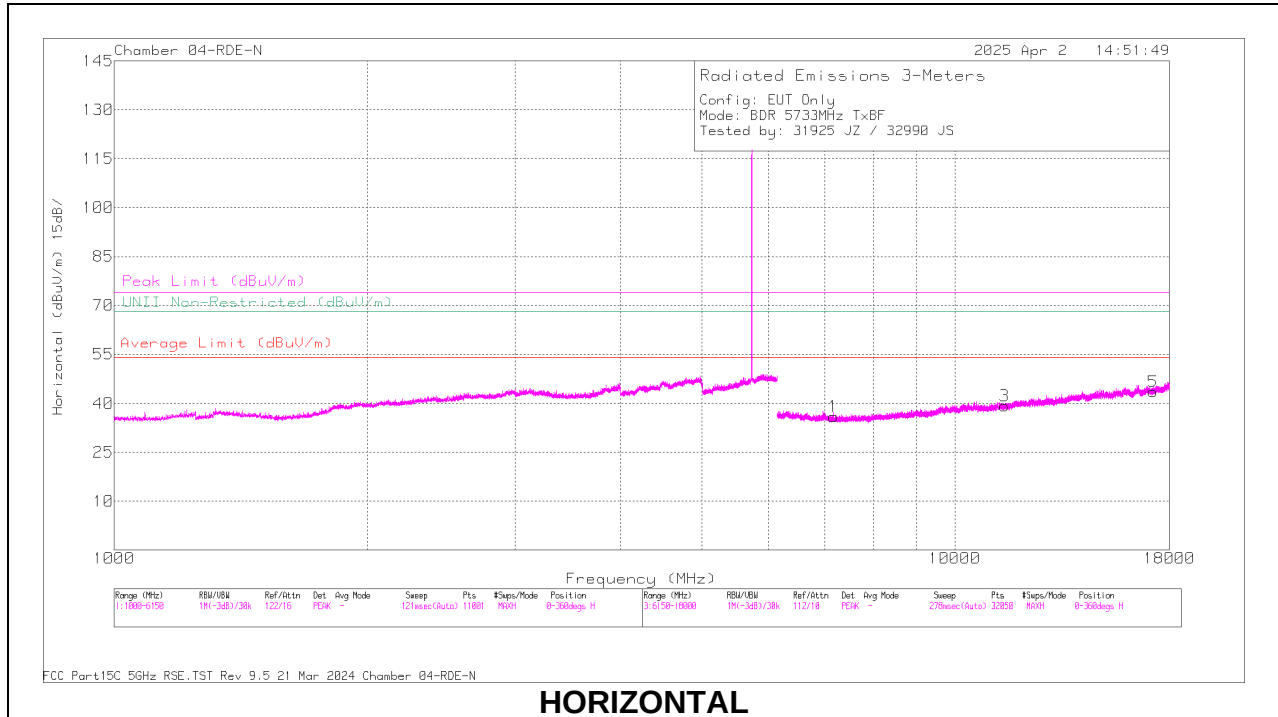
RMS - RMS detection

UNII-3 (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	AF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
XHDRPL16	5733	6 + 5	1.743811	45.56	PK-U	29.6	-27.23	0	47.93	-	-	68.2	-20.27	18	178	V
			1.747247	33.96	ADR	29.6	-27.27	0.21	36.5	-	-	-	-	18	178	V
			1.747402	34.12	ADR	29.6	-27.27	0.21	36.66	-	-	-	-	163	209	H
			1.760208	45.36	PK-U	29.8	-27.21	0	47.95	-	-	68.2	-20.25	163	209	H
			3.214391	34.14	ADR	33	-25.56	0.21	41.79	-	-	-	-	86	275	V
			3.217926	34.16	ADR	33	-25.59	0.21	41.78	-	-	-	-	125	202	H
			3.227958	46.37	PK-U	33	-25.62	0	53.75	-	-	68.2	-14.45	125	202	H
			3.228706	45.48	PK-U	33	-25.64	0	52.84	-	-	68.2	-15.36	86	275	V
			10.480988	56.45	PK-U	37.6	-45.03	0	49.02	-	-	68.2	-19.18	177	171	V
			10.486904	45.08	ADR	37.6	-45.17	0.21	37.72	-	-	-	-	177	171	V
	5788	6 + 5	10.494184	45.13	ADR	37.6	-45.42	0.21	37.52	-	-	-	-	95	116	H
			10.495891	56.65	PK-U	37.6	-45.44	0	48.81	-	-	68.2	-19.39	95	116	H
			2.876864	59.32	PK-U	32.6	-49.16	0	42.76	-	-	74	-31.24	110	275	H
			2.876538	47.89	ADR	32.6	-49.16	0.21	31.54	54	-22.46	-	-	110	275	H
			2.906614	59.91	PK-U	32.7	-49.08	0	43.53	-	-	68.2	-24.67	189	135	V
			2.884734	47.89	ADR	32.6	-49.25	0.21	31.45	54	-22.55	-	-	189	135	V
			11.58298	55.64	PK-U	38.3	-44.05	0	49.89	-	-	74	-24.11	17	208	H
			11.600638	43.91	ADR	38.4	-44.23	0.21	38.29	54	-15.71	-	-	17	208	H
			11.57858	55.1	PK-U	38.3	-44.07	0	49.33	-	-	74	-24.67	341	106	V
			11.58098	43.41	ADR	38.3	-44.02	0.21	37.9	54	-16.1	-	-	341	106	V
	5844	6 + 5	17.379816	55.02	PK-U	41.4	-40.74	0	55.68	-	-	68.2	-12.52	120	205	H
			17.381024	42.52	ADR	41.4	-40.83	0.21	43.3	-	-	-	-	120	205	H
			17.370912	54.2	PK-U	41.4	-40.65	0	54.95	-	-	68.2	-13.25	198	289	V
			17.37169	42.82	ADR	41.4	-40.67	0.21	43.76	-	-	-	-	198	289	V
			1.992184	61.42	PK-U	32	-49.81	0	43.61	-	-	68.2	-24.59	127	248	H
			2.000934	49.54	ADR	32.1	-49.78	0.21	32.07	-	-	-	-	127	248	H
			2.937013	59.14	PK-U	32.8	-48.97	0	42.97	-	-	68.2	-25.23	277	164	V
			2.941266	47.62	ADR	32.8	-49	0.21	31.63	-	-	-	-	277	164	V
			11.672106	55.5	PK-U	38.5	-44.35	0	49.65	-	-	74	-24.35	98	388	H
			11.667017	43.7	ADR	38.5	-44.32	0.21	38.09	54	-15.91	-	-	98	388	H
			17.538145	53.75	PK-U	41.4	-39.42	0	55.73	-	-	68.2	-12.47	326	295	H
			17.538323	41.47	ADR	41.4	-39.42	0.21	43.66	-	-	-	-	326	295	H
			11.69946	55.26	PK-U	38.6	-44.09	0	49.77	-	-	74	-24.23	53	345	V
			11.714612	43.72	ADR	38.6	-44.2	0.21	38.33	54	-15.67	-	-	53	345	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 TX BF MODE (HIGH POWER)**LOW CHANNEL 5733MHz**

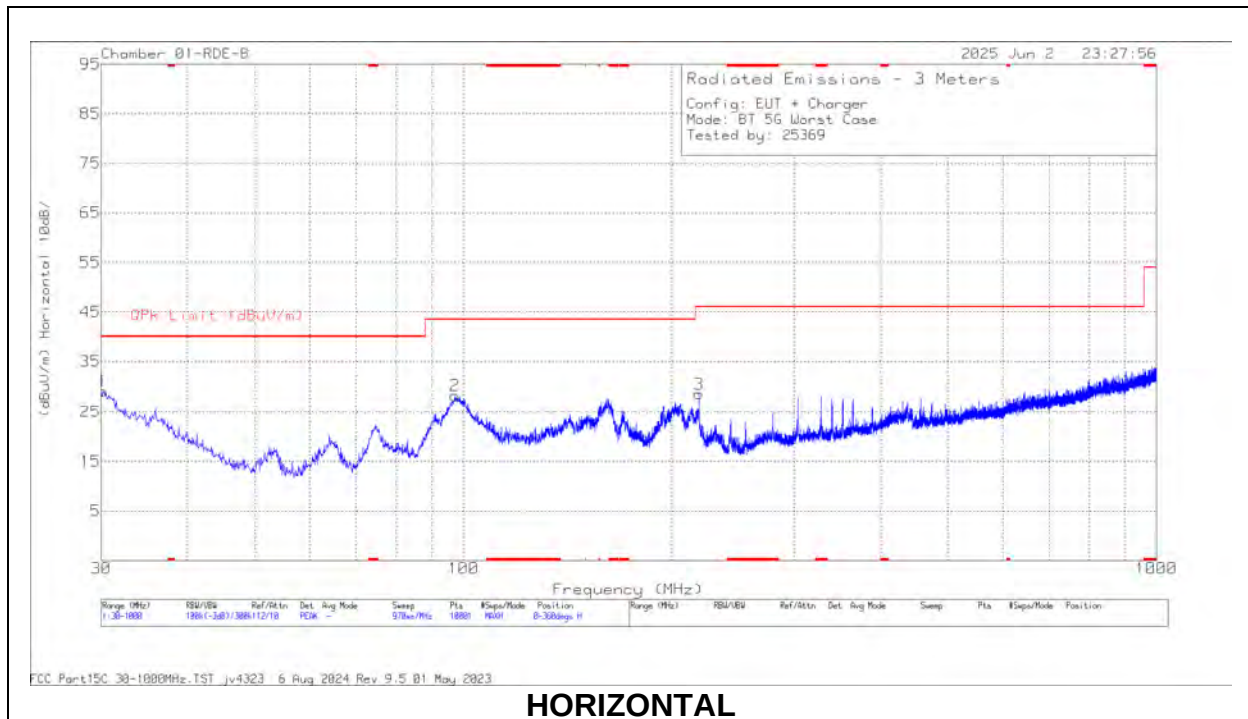
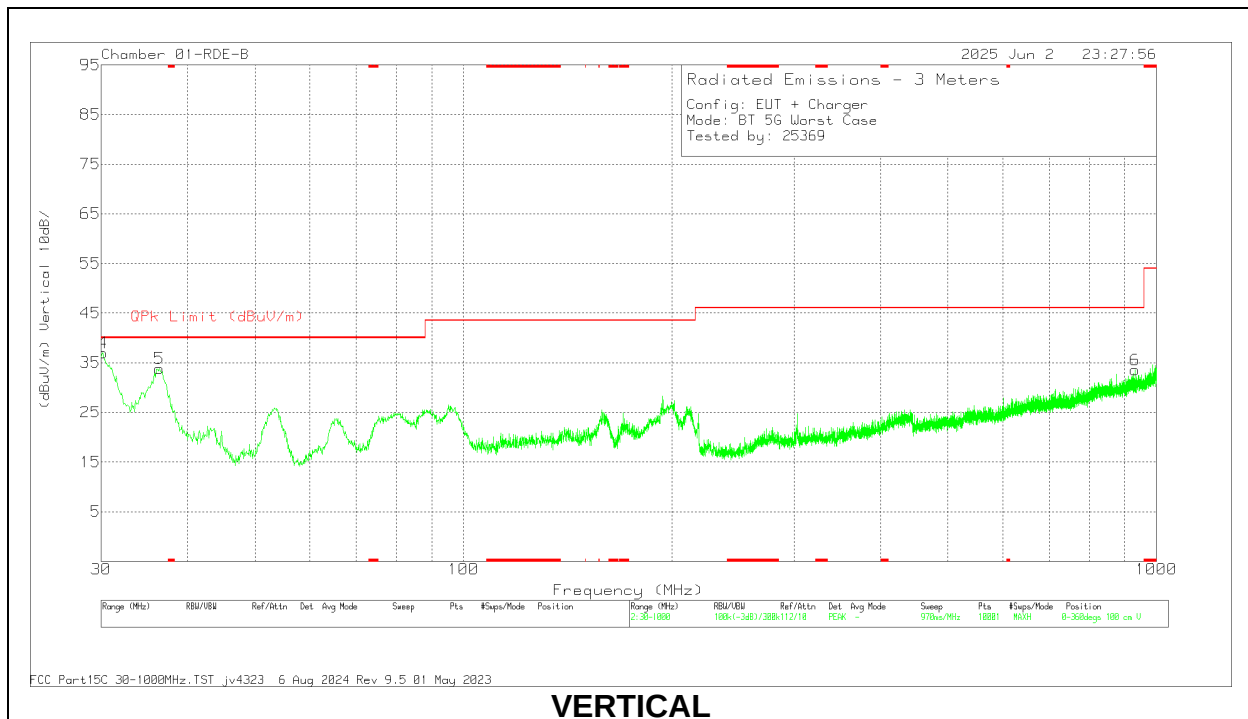
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11471.001	56.57	PK-U	38.3	0	-45.36	49.51	-	-	74	-24.49	-	-	4	390	H
* 11472.831	45.14	ADR	38.3	0	-45.38	38.06	54	-15.94	-	-	-	-	4	390	H
* 11471.416	56.54	PK-U	38.3	0	-45.37	49.47	-	-	74	-24.53	-	-	204	285	V
* 11473.627	44.77	ADR	38.3	0	-45.35	37.72	54	-16.28	-	-	-	-	204	285	V
7150.833	44.6	ADR	35.7	0	-46.28	34.02	-	-	-	-	-	-	278	195	H
7164.813	45.44	ADR	35.7	0	-46.28	34.86	-	-	-	-	-	-	42	396	V
7174.866	57.11	PK-U	35.7	0	-46.22	46.59	-	-	-	-	68.2	-21.61	278	195	H
7184.921	56.77	PK-U	35.6	0	-46.15	46.22	-	-	-	-	68.2	-21.98	42	396	V
17192.86	57.49	PK-U	40.4	0	-42.95	54.94	-	-	-	-	68.2	-13.26	310	397	V
17196.77	56.81	PK-U	40.4	0	-42.79	54.42	-	-	-	-	68.2	-13.78	19	224	H
17201.507	45.51	ADR	40.4	0	-42.79	43.12	-	-	-	-	-	-	310	397	V
17207.171	45.4	ADR	40.4	0	-42.8	43	-	-	-	-	-	-	19	224	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

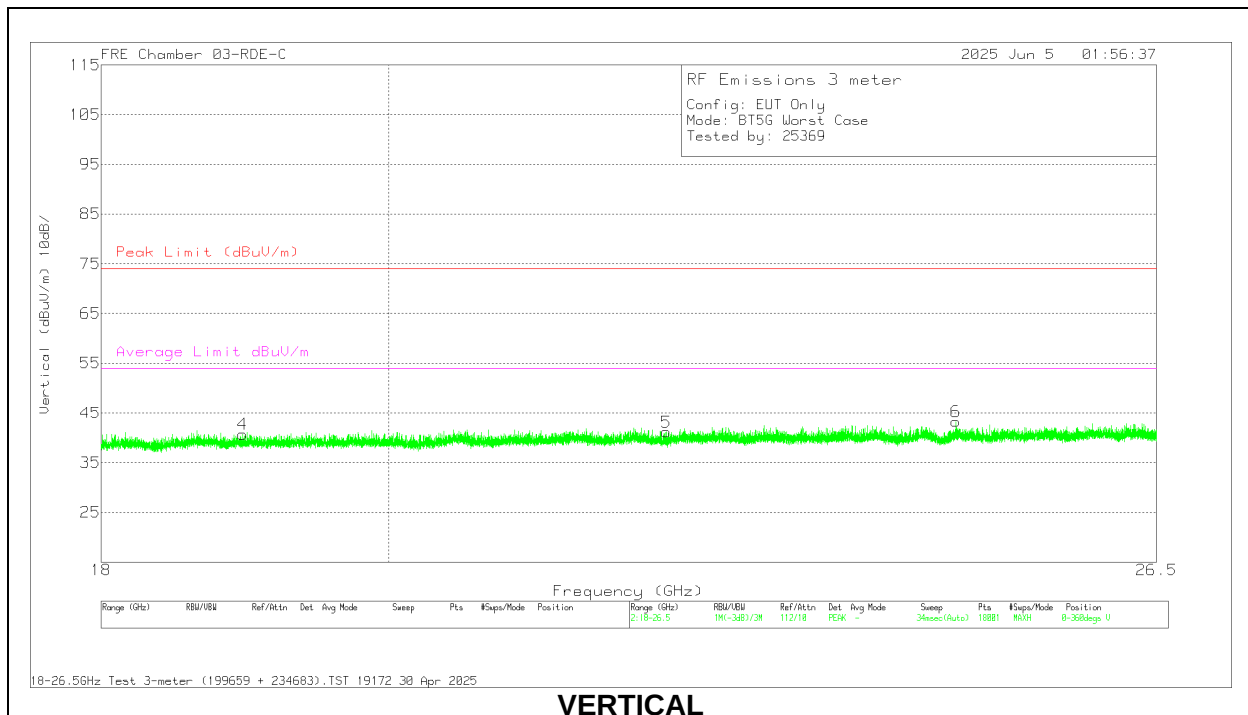
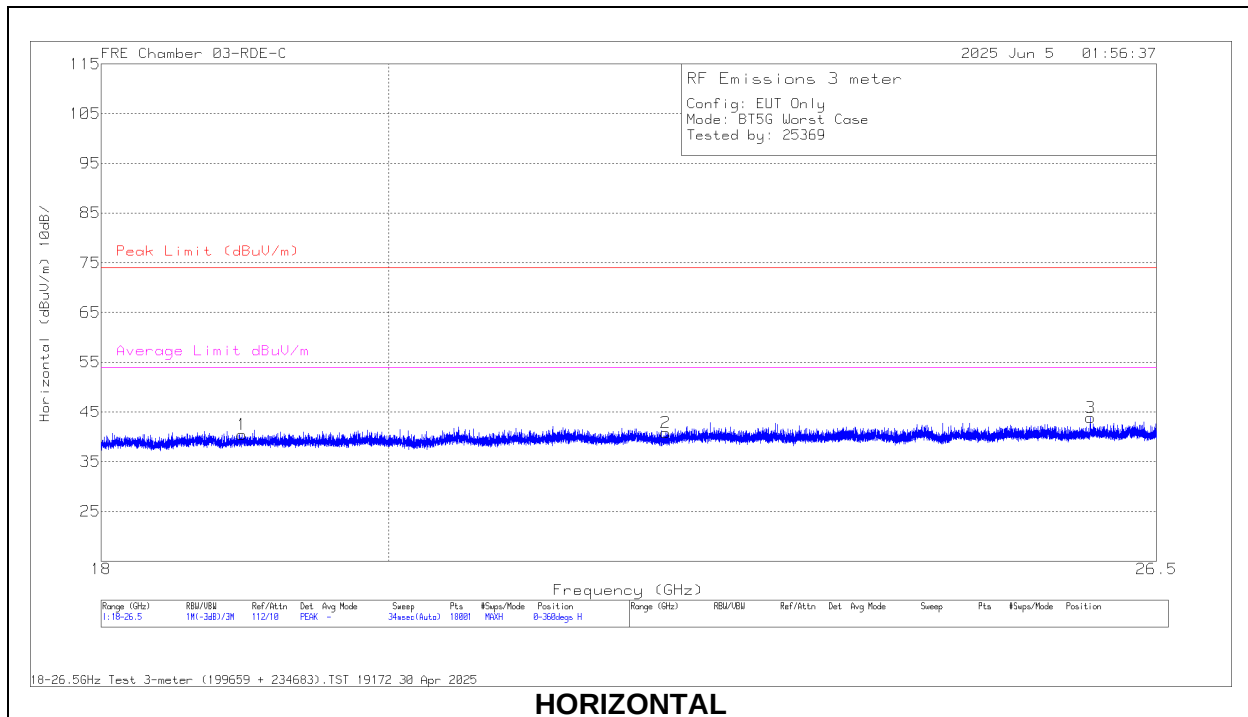
10.2. WORST CASE BELOW 1 GHz**SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)****HORIZONTAL****VERTICAL**

Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	85150 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.194	33.6	Pk	27.1	-31.5	29.2	40	-10.8	0-360	199	H
4	30.194	41.39	Pk	27.1	-31.5	36.99	40	-3.01	0-360	100	V
	30.0111	36.8	Qp	27.3	-31.5	32.6	40	-7.4	208	106	V
5	36.402	42.11	Pk	23.1	-31.4	33.81	40	-6.19	0-360	100	V
2	97.221	43.7	Pk	15.4	-30.8	28.3	43.52	-15.22	0-360	299	H
3	218.665	42.29	Pk	16.4	-30.1	28.59	46.02	-17.43	0-360	98	H
6	931.809	32.12	Pk	28.2	-26.8	33.52	46.02	-12.5	0-360	100	V

Pk - Peak detector

Qp - Quasi-Peak detector

10.3. WORST CASE 18-26 GHz**SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)**

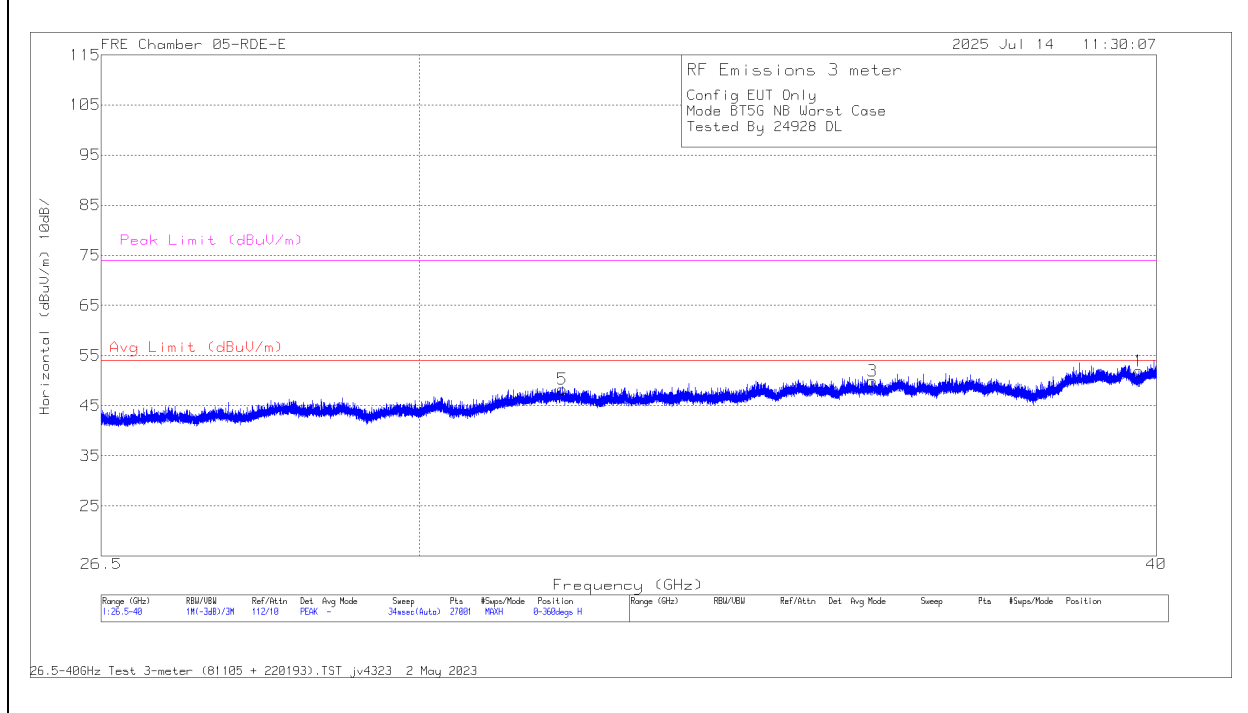
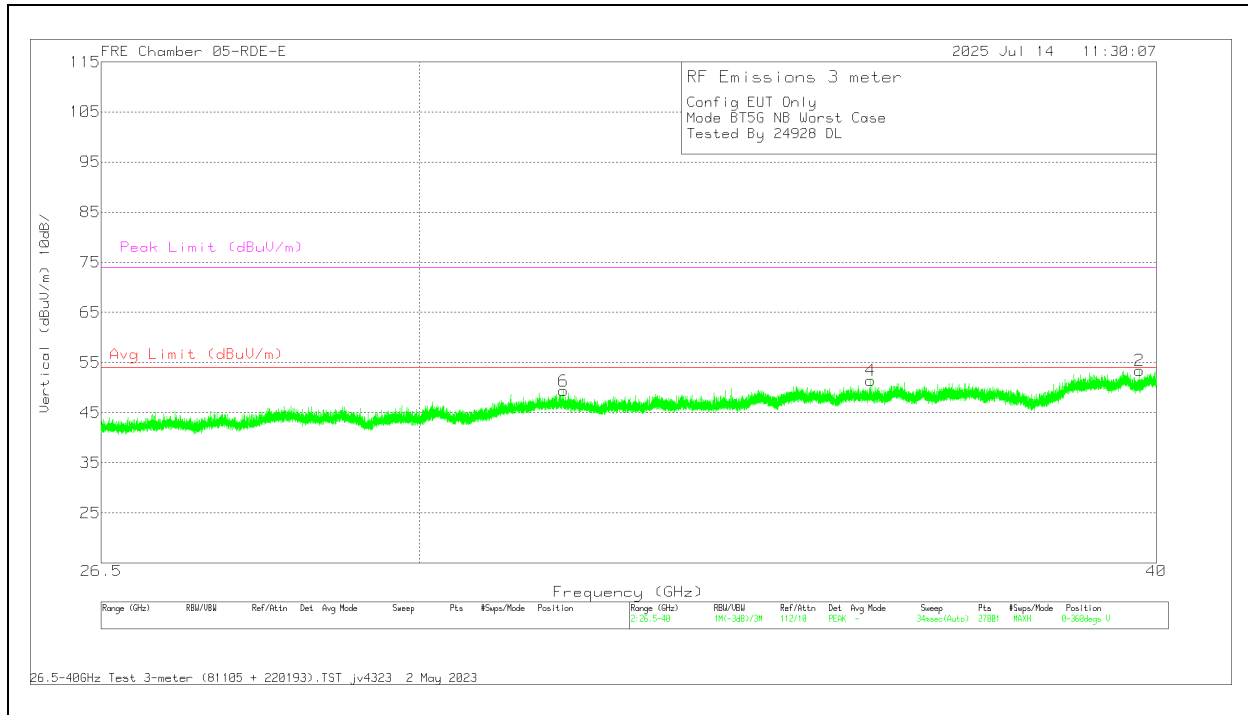
18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	199659 ACF (dB/m)	234683 18-26.5GHz_Amp Assembly (dB)	Cable (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.956549	57.21	PK-U	32.4	-62.2	14.1	41.51	74	-32.49	-	-	360	101	H
1	* 18.953714	45.79	ADR	32.4	-62.2	14.1	30.09	-	-	54	-23.91	360	101	H
2	* 22.140454	56.2	PK-U	33	-62.2	15.2	42.2	74	-31.8	-	-	360	199	H
2	* 22.138156	44.75	ADR	33	-62.2	15.2	30.75	-	-	54	-23.25	360	199	H
4	* 18.958414	56.92	PK-U	32.4	-62.2	14.1	41.22	74	-32.78	-	-	360	199	V
4	* 18.957568	45.68	ADR	32.4	-62.2	14.1	29.98	-	-	54	-24.02	360	199	V
5	* 22.139745	56.35	PK-U	33	-62.2	15.2	42.35	74	-31.65	-	-	360	101	V
5	* 22.142652	44.83	ADR	33	-62.2	15.2	30.83	-	-	54	-23.17	360	101	V
6	24.621881	42.93	ADR	33.8	-62.1	16.2	30.83	-	-	54	-23.17	360	101	V
6	24.623229	54.35	PK-U	33.8	-62.1	16.2	42.25	74	-31.75	-	-	360	101	V
3	25.864879	43.3	ADR	34.1	-61.8	16.6	32.2	-	-	54	-21.8	360	199	H
3	25.8673	55.27	PK-U	34.1	-61.8	16.6	44.17	74	-29.83	-	-	360	199	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4. WORST CASE 26-40 GHz**SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)****HORIZONTAL****VERTICAL**

26 – 40GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81105 ACF (dB/m)	CBL/AMP (dB)	CBL (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 39.723	42.95	Pk	38.7	-64.9	35.2	51.95	-	-	74	-22.05	0-360	200	H
3	35.808	44.73	Pk	37.5	-66.3	34	49.93	-	-	74	-24.07	0-360	200	H
5	* 31.7245	42.04	Pk	36.5	-61.4	31.2	48.34	-	-	74	-25.66	0-360	101	H
2	* 39.7395	44.21	Pk	38.7	-64.8	35.3	53.41	-	-	74	-20.59	0-360	101	V
4	35.7815	46.23	Pk	37.5	-66.3	34	51.43	-	-	74	-22.57	0-360	200	V
6	* 31.7405	43.15	Pk	36.5	-61.4	31.1	49.35	-	-	74	-24.65	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

11. AC POWERLINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

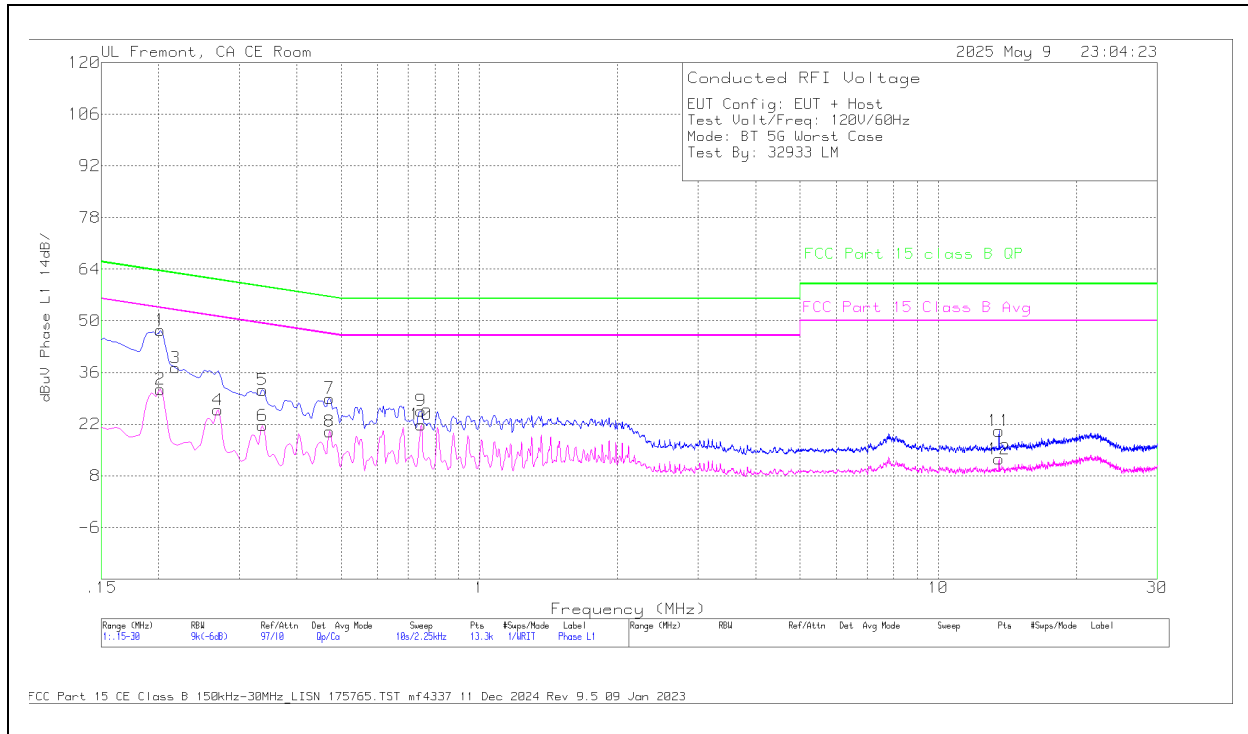
TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

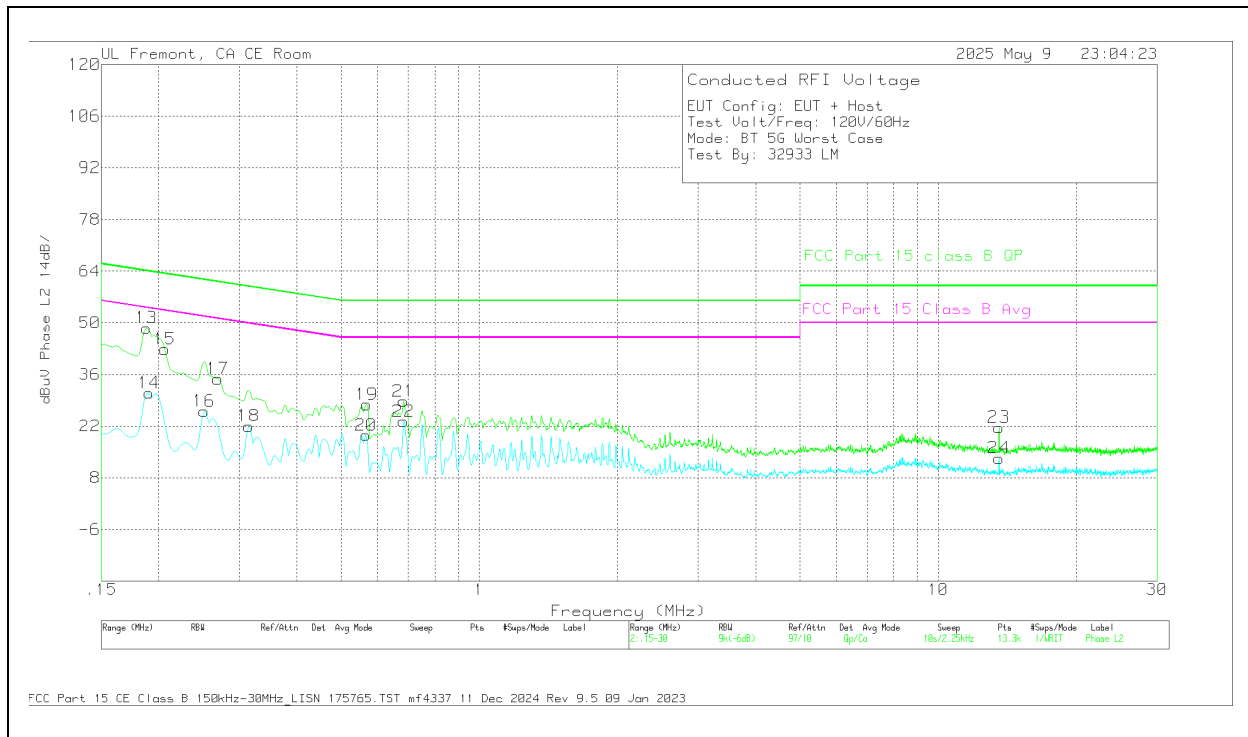
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

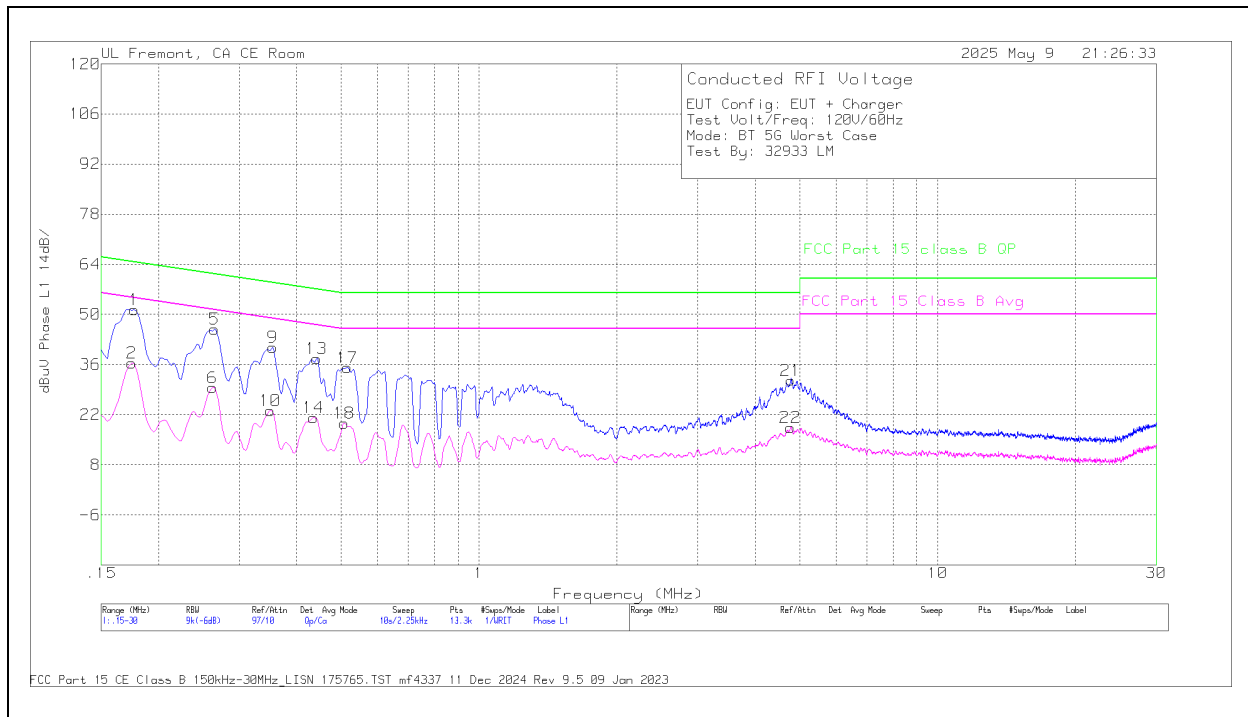
11.1. AC POWER LINE WITH LAPTOP**LINE 1 RESULTS**

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
14	.1905	12.38	Ca	.2	0	8.4	10	30.98	54.01	-23.03	-	-
16	.2513	7.94	Ca	-.1	0	8.2	10	26.04	51.72	-25.68	-	-
18	.3143	4	Ca	-.1	0	8.1	10	22	49.86	-27.86	-	-
20	.5663	2.03	Ca	-.4	0	7.9	10	19.53	46	-26.47	-	-
22	.6833	4.77	Ca	.2	0	8.3	10	23.27	46	-22.73	-	-
24	13.56	-5.2	Ca	.2	.1	8.2	10	13.3	50	-36.7	-	-
13	.1883	30.01	Qp	.2	0	8.4	10	48.61	-	-	64.11	-15.5
15	.2063	24.33	Qp	.1	0	8.4	10	42.83	-	-	63.35	-20.52
17	.2693	16.82	Qp	-.1	0	8.1	10	34.82	-	-	61.14	-26.32
19	.5685	10.33	Qp	-.4	0	7.9	10	27.83	-	-	56	-28.17
21	.6833	10.24	Qp	.2	0	8.3	10	28.74	-	-	56	-27.26
23	13.56	3.14	Qp	.2	.1	8.2	10	21.64	-	-	60	-38.36

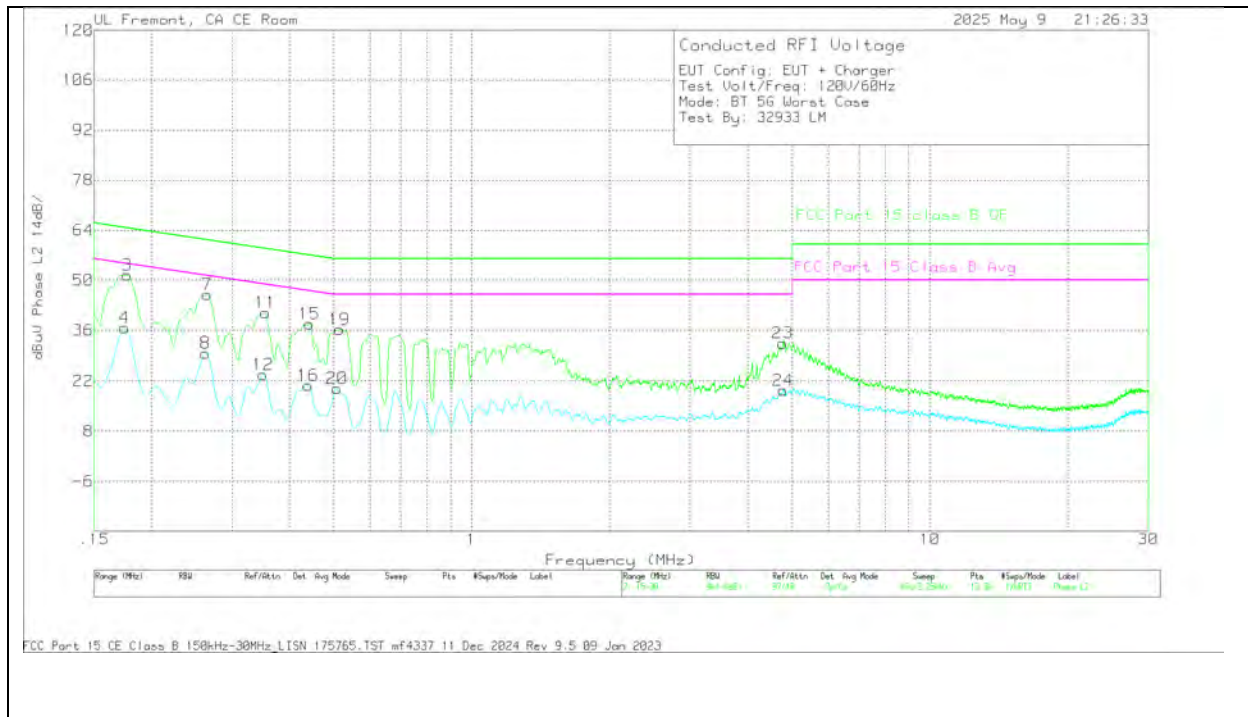
Qp - Quasi-Peak detector
Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER**LINE 1 RESULTS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1748	17.51	Ca	.3	.1	8.5	10	36.41	54.73	-18.32	-	-
6	.2625	11.4	Ca	-.1	0	8.2	10	29.5	51.35	-21.85	-	-
10	.3503	5.17	Ca	-.4	0	8.4	10	23.17	48.96	-25.79	-	-
14	.4358	2.49	Ca	0	0	8.7	10	21.19	47.14	-25.95	-	-
18	.5078	1.93	Ca	-.2	0	7.9	10	19.63	46	-26.37	-	-
22	4.7805	-.32	Ca	.3	0	8.4	10	18.38	46	-27.62	-	-
1	.177	32.47	Qp	.3	.1	8.4	10	51.27	-	-	64.63	-13.36
5	.2648	27.84	Qp	-.1	0	8.1	10	45.84	-	-	61.28	-15.44
9	.3548	22.73	Qp	-.4	0	8.4	10	40.73	-	-	58.85	-18.12
13	.4425	18.74	Qp	.1	0	8.8	10	37.64	-	-	57.01	-19.37
17	.5156	17.51	Qp	-.2	0	7.8	10	35.11	-	-	56	-20.89
21	4.7828	12.89	Qp	.3	0	8.4	10	31.59	-	-	56	-24.41

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
4	.1748	17.95	Ca	.3	0	8.5	10	36.75	54.73	-17.98	-	-
8	.2625	11.61	Ca	-.1	0	8.2	10	29.71	51.35	-21.64	-	-
12	.3503	5.78	Ca	-.4	0	8.4	10	23.78	48.96	-25.18	-	-
16	.4403	1.9	Ca	.1	0	8.8	10	20.8	47.06	-26.26	-	-
20	.5078	2.22	Ca	-.2	0	7.9	10	19.92	46	-26.08	-	-
24	4.7828	.72	Ca	.3	0	8.4	10	19.42	46	-26.58	-	-
3	.177	32.75	Qp	.3	0	8.4	10	51.45	-	-	64.63	-13.18
7	.2648	27.99	Qp	-.1	0	8.1	10	45.99	-	-	61.28	-15.29
11	.3548	22.95	Qp	-.4	0	8.4	10	40.95	-	-	58.85	-17.9
15	.4425	18.94	Qp	.1	0	8.8	10	37.84	-	-	57.01	-19.17
19	.5145	18.68	Qp	-.2	0	7.8	10	36.28	-	-	56	-19.72
23	4.7805	13.78	Qp	.3	0	8.4	10	32.48	-	-	56	-23.52

Qp - Quasi-Peak detector
 Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15496249-EP1V1 for setup report.

APPENDIX A - SPOT CHECK EVALUATION

MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3257, A3525, A3526 and A3527.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3257	BCG-E8950A	579C-E8950A	-With FR2/LTE/5GNR B14/29/71 -No B11/21 -With UL MIMO (n41/48/77)	eSIM	-
A3525	BCG-E8960A	579C-E8960A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3257
A3526	BCG-E8961A	579C-E8961A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -No UL MIMO	eSIM+pSIM	
A3527	BCG-E8962A	579C-E8962A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -With UL MIMO (n41/78/79) -No MSS / 5GNR B53	pSIM+pSIM	

The spot check plan, approved by the FCC inquiry, allows for data reuse from the reference model where the variant model data meets the limits and has not changed by more than the criteria from KDB 484596 D01 v03 equation (4).

$$d_{dB} = |V_{dB} - R_{dB}| \quad (1)$$

$$d_{dB} \leq d_{dBmax} \quad (2)$$

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20) \text{ dB} & , \text{ for } 0 \leq M_{dB} \leq 60 \text{ dB} \\ 6 \text{ dB} & , \text{ for } M_{dB} > 60 \text{ dB} \end{cases} \quad (4)$$

Where d_{dB} is deviation between the variant and the reference model, V_{dB} is variant spot check level, R_{dB} is the corresponding reference measurement level, d_{dBmax} is the maximum deviation d_{dB} allowed, and M_{dB} is the margin in dB.

SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3525

A3525 SPOT CHECK RESULTS												
Equipment Class	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3525	Delta (dB)	Margin	Remarks
								FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID : BCG-E8960A IC : 579C-E8960A			
UNII	5150 - 5250 UNII - 1	High Power (TXBF) (FCC)	XHDRPM8	Avg Power (dBm)	Fundamental	Mid	5.203	14.94	14.83	-0.11	-9.06	Note 1
		High Power (TXBF) (FCC)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	17.20	17.18	-0.02	-6.80	Note 1
		High Power (ANT 6)	HDRPL8	Avg Radiated Bandedge (dBm)	Horizontal	Low	5.149988	51.00	48.63	-2.37	-3.00	Note 1
		High Power (TXBF)	HDR4	Avg RSE (dBuV/m)	Vertical	Low	15.880343	43.19	42.74	-0.45	-10.81	Note 1
	5725 - 5825 UNII 3	High Power (TXBF)	LE1M	Avg Power (dBm)	Fundamental	Low	5.733	22.36	22.25	-0.11	-7.64	Note 1
		High Power (ANT 5)	XHDRPL16	Avg Radiated Bandedge (dBm)	Vertical	High	5.976488	-33.87	-36.48	-2.61	-6.87	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3526

A3526 SPOT CHECK RESULTS												
Equipment Class	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3526	Delta (dB)	Margin	Remarks
								FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID : BCG-E8961A IC : 579C-E8961A			
UNII	5150 - 5250 UNII - 1	High Power (TXBF) (FCC)	XHDRPM8	Avg Power (dBm)	Fundamental	Mid	5.203	14.94	14.83	-0.11	-9.06	Note 1
		High Power (TXBF) (FCC)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	17.20	17.18	-0.02	-6.80	Note 1
		High Power (ANT 6)	HDRPL8	Avg Radiated Bandedge (dBm)	Horizontal	Low	5.149988	51.00	48.80	-2.20	-3.00	Note 1
		High Power (TXBF)	HDR4	Avg RSE (dBuV/m)	Vertical	Low	15.880343	43.19	45.07	1.88	-10.81	Note 1
	5725 - 5825 UNII 3	High Power (TXBF)	LE1M	Avg Power (dBm)	Fundamental	Low	5.733	22.36	22.25	-0.11	-7.64	Note 1
		High Power (ANT 5)	XHDRPL16	Avg Radiated Bandedge (dBm)	Vertical	High	5.976488	-33.87	-36.85	-2.98	-6.87	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3527

A3527 SPOT CHECK RESULTS												
Equipment Class	Frequency (GHz)	Mode	Modulation	Test Item		Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3527	Delta (dB)	Margin	Remarks
								FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID : BCG-E8962A IC : 579C-E8962A			
UNII	5150 - 5250 UNII - 1	High Power (TXBF) (FCC)	XHDRPM8	Avg Power (dBm)	Fundamental	Mid	5.203	14.94	14.83	-0.11	-9.06	Note 1
		High Power (TXBF) (FCC)	HDRPL8	Avg Power (dBm)	Fundamental	Mid	5.203	17.20	17.18	-0.02	-6.80	Note 1
		High Power (ANT 6)	HDRPL8	Avg Radiated Bandedge (dBm)	Horizontal	Low	5.149988	51.00	49.98	-1.02	-3.00	Note 1
		High Power (TXBF)	HDR4	Avg RSE (dBuV/m)	Vertical	Low	15.880343	43.19	42.27	-0.92	-10.81	Note 1
	5725 - 5825 UNII 3	High Power (TXBF)	LE1M	Avg Power (dBm)	Fundamental	Low	5.733	22.36	22.25	-0.11	-7.64	Note 1
		High Power (ANT 5)	XHDRPL16	Avg Radiated Bandedge (dBm)	Vertical	High	5.976488	-33.87	-36.19	-2.32	-6.87	Note 1

Note 1: Deviation from reference to variant within the value allowed by equation (4) in KDB 484596. Additional tests not required.

Note 2: Deviation from reference to variant exceeds the value allowed by equation (4) in KDB 484596. Additional tests performed on second channel.

END OF REPORT