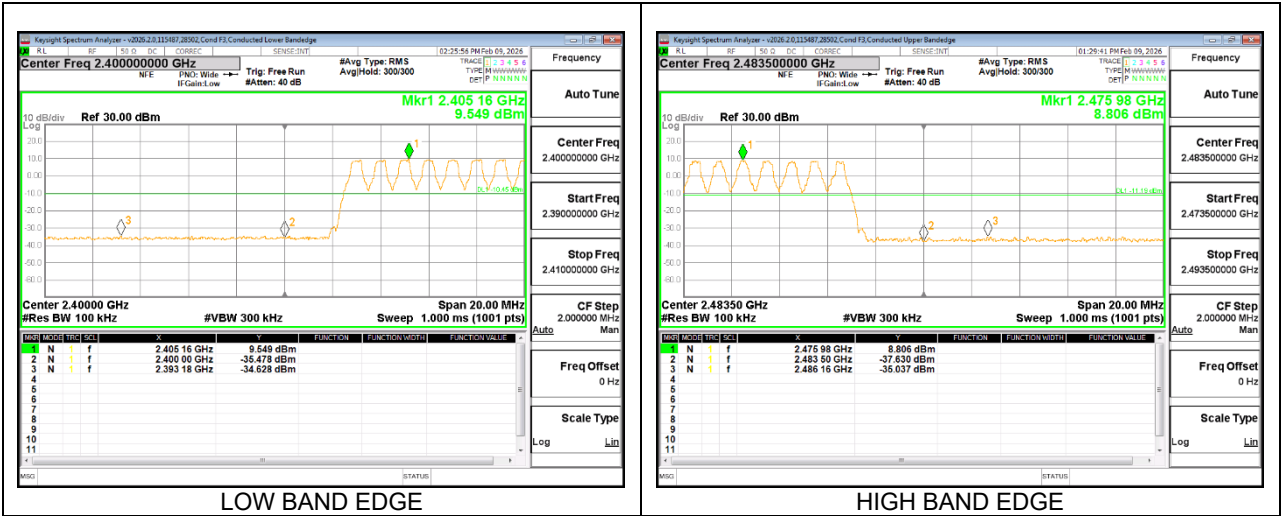
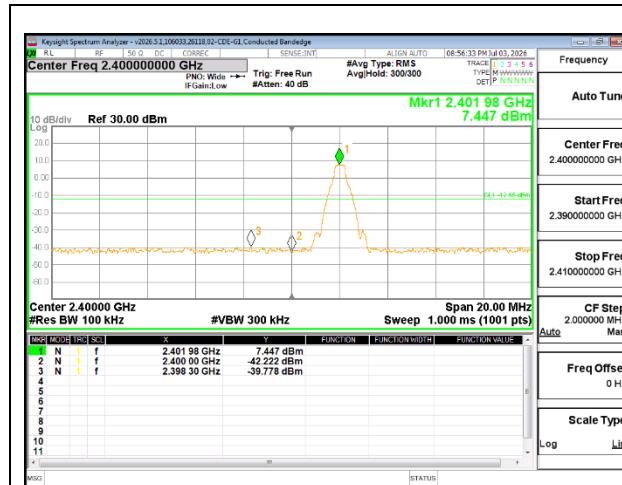
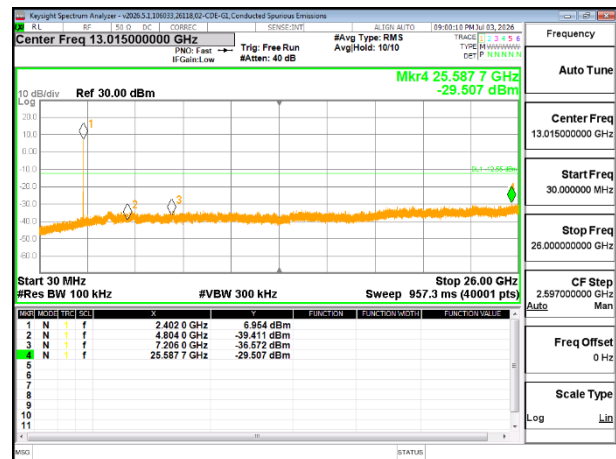


ANT 4 (HOPPING)

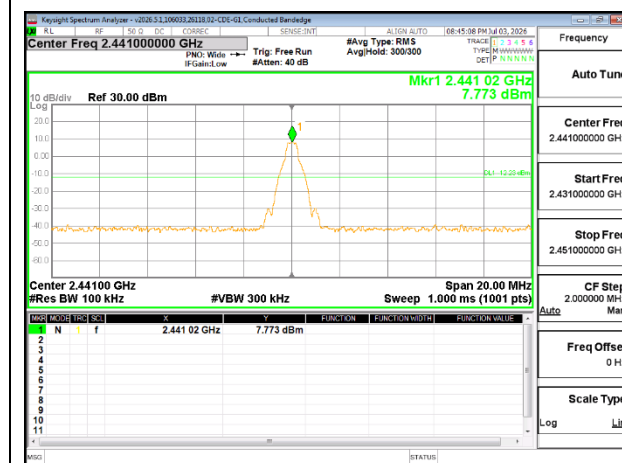


ANT 3 (NON-HOPPING)

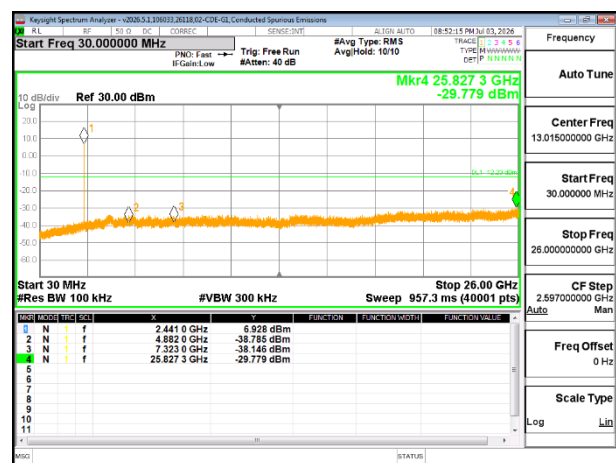
LOW CHANNEL BAND EDGE



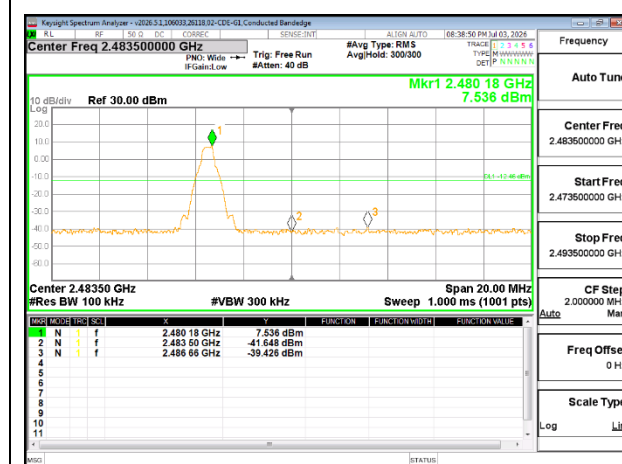
LOW CHANNEL OUT-OF-BAND



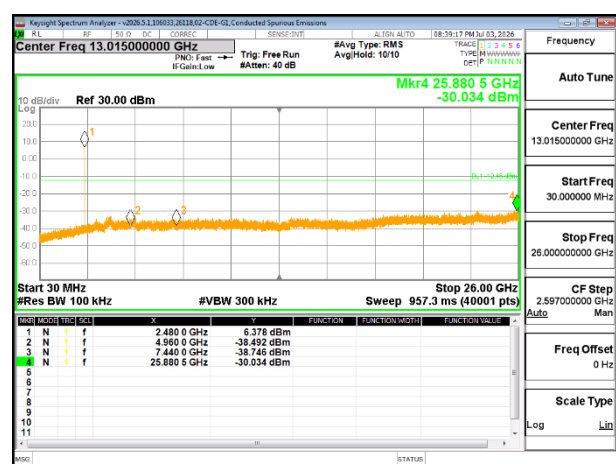
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND

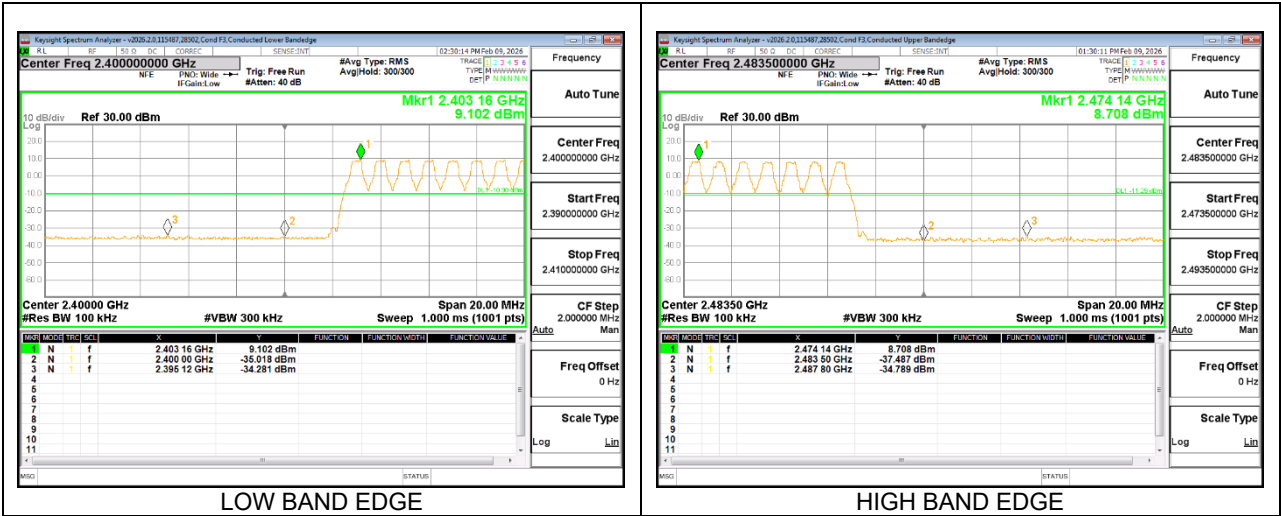


HIGH CHANNEL BAND EDGE



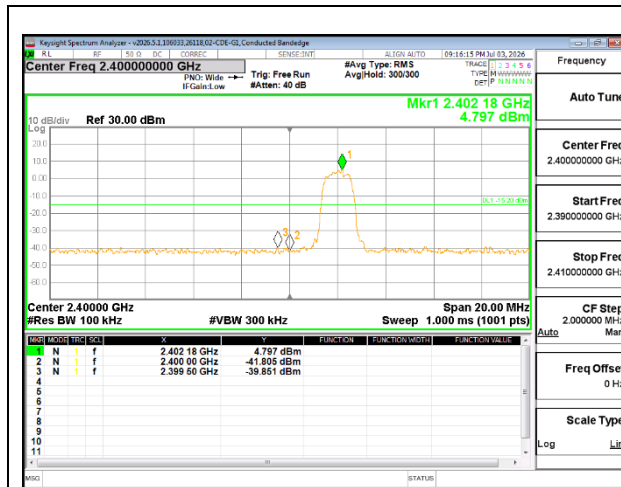
HIGH CHANNEL OUT-OF-BAND

ANT 3 (HOPPING)

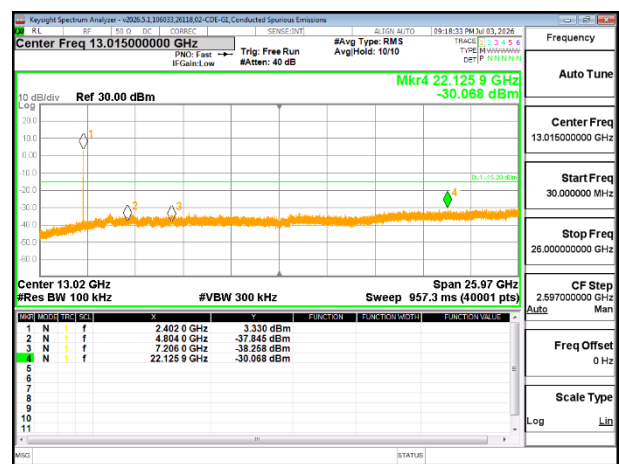


8.8.8. EDR (8PSK) – LOW POWER – SISO

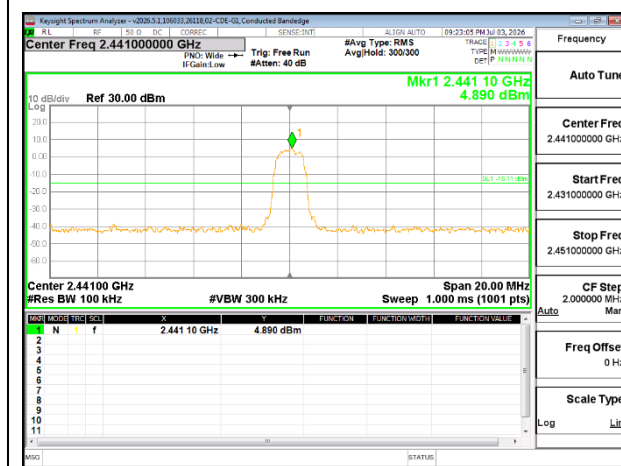
ANT 4 (NON-HOPPING)



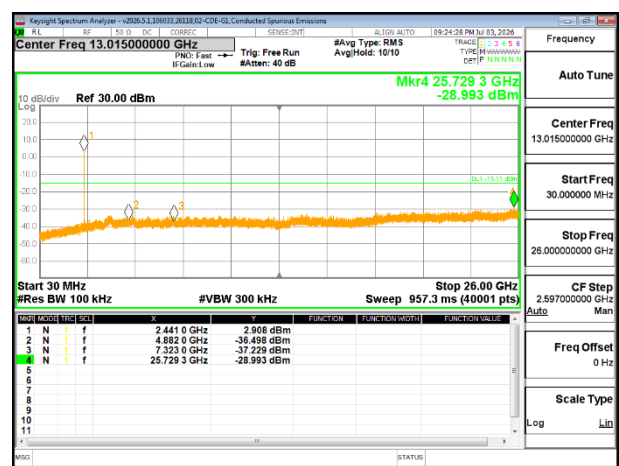
LOW CHANNEL BAND EDGE



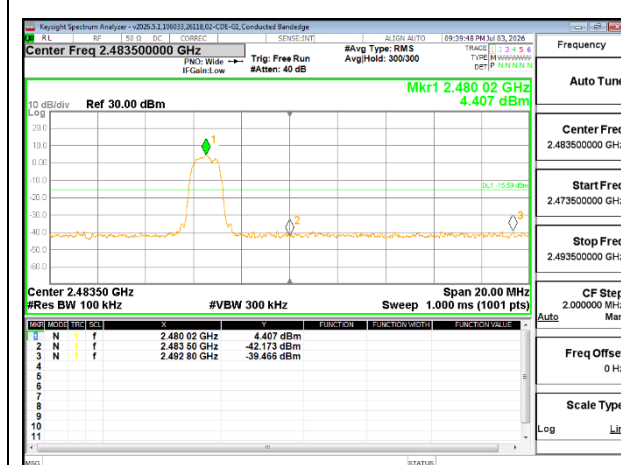
LOW CHANNEL OUT-OF-BAND



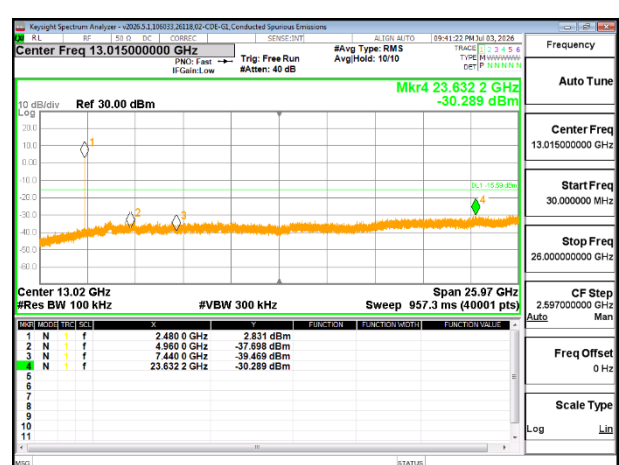
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



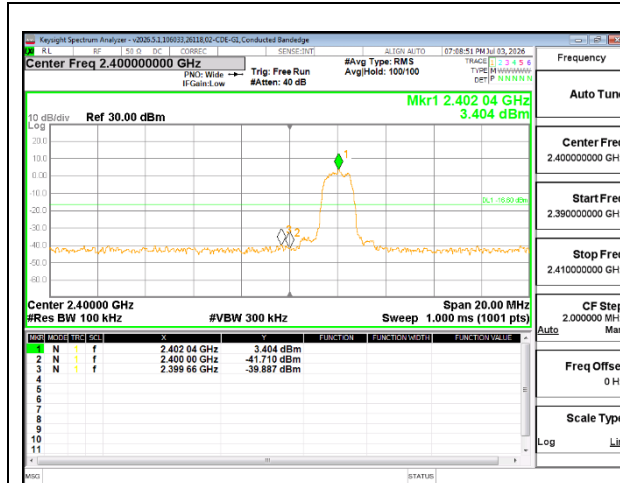
HIGH CHANNEL BAND EDGE



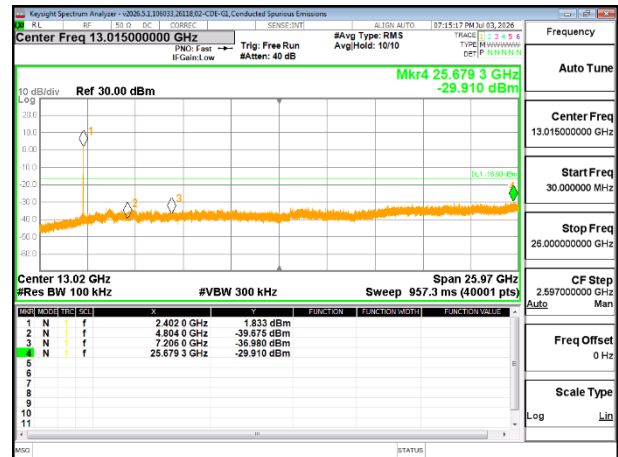
HIGH CHANNEL OUT-OF-BAND

LOW BAND EDGE

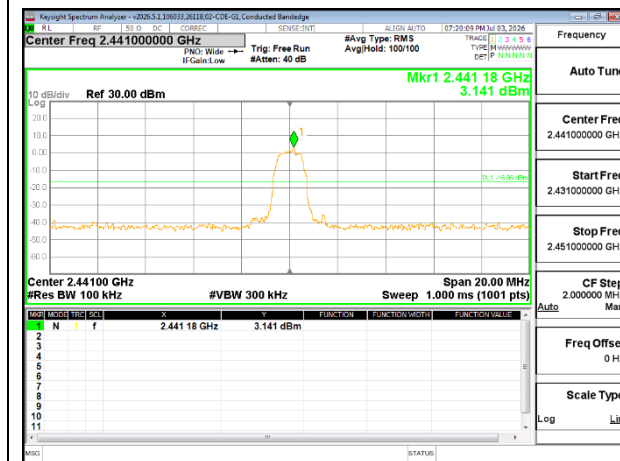
HIGH BAND EDGE

ANT 3 (NON-HOPPING)

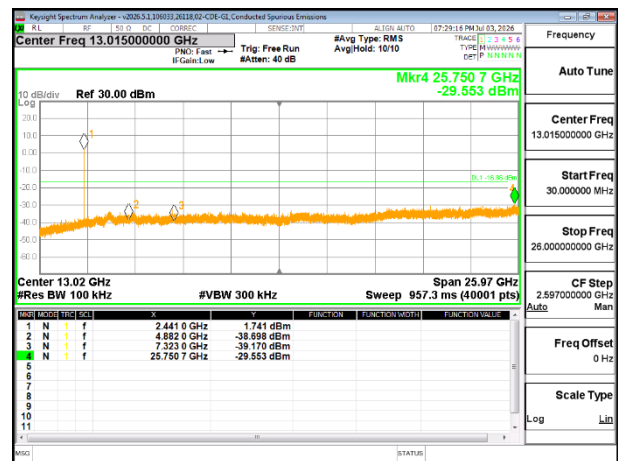
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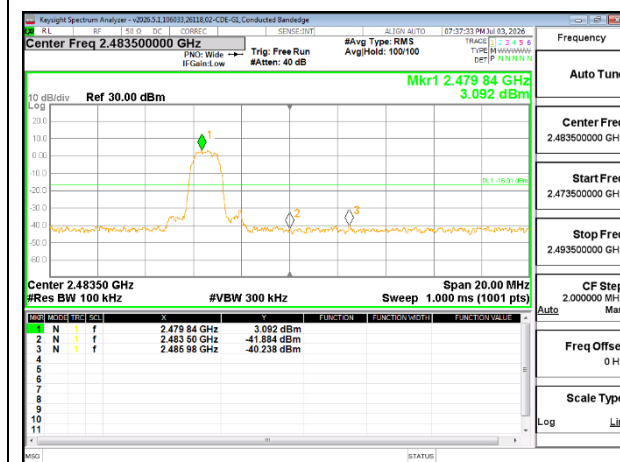
LOW CHANNEL OUT-OF-BAND



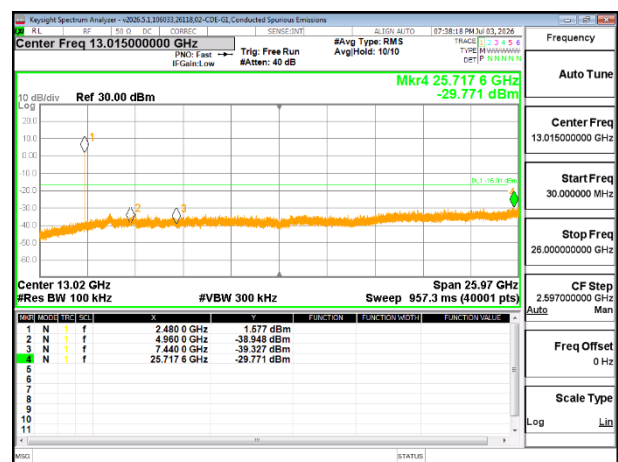
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND

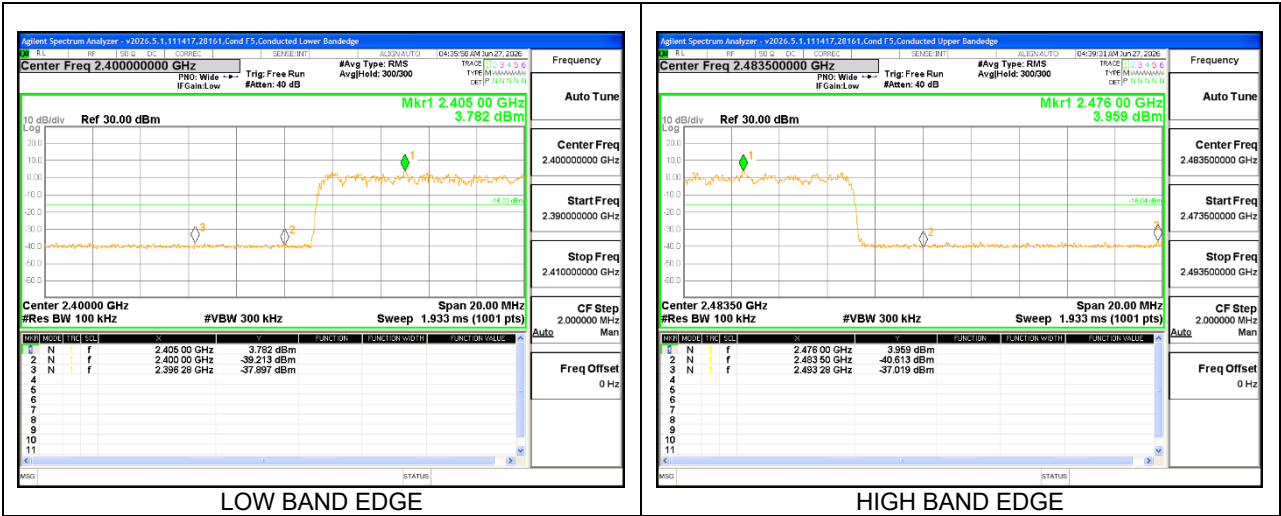


HIGH CHANNEL BAND EDGE



HIGH CHANNEL OUT-OF-BAND

ANT 3 (HOPPING)

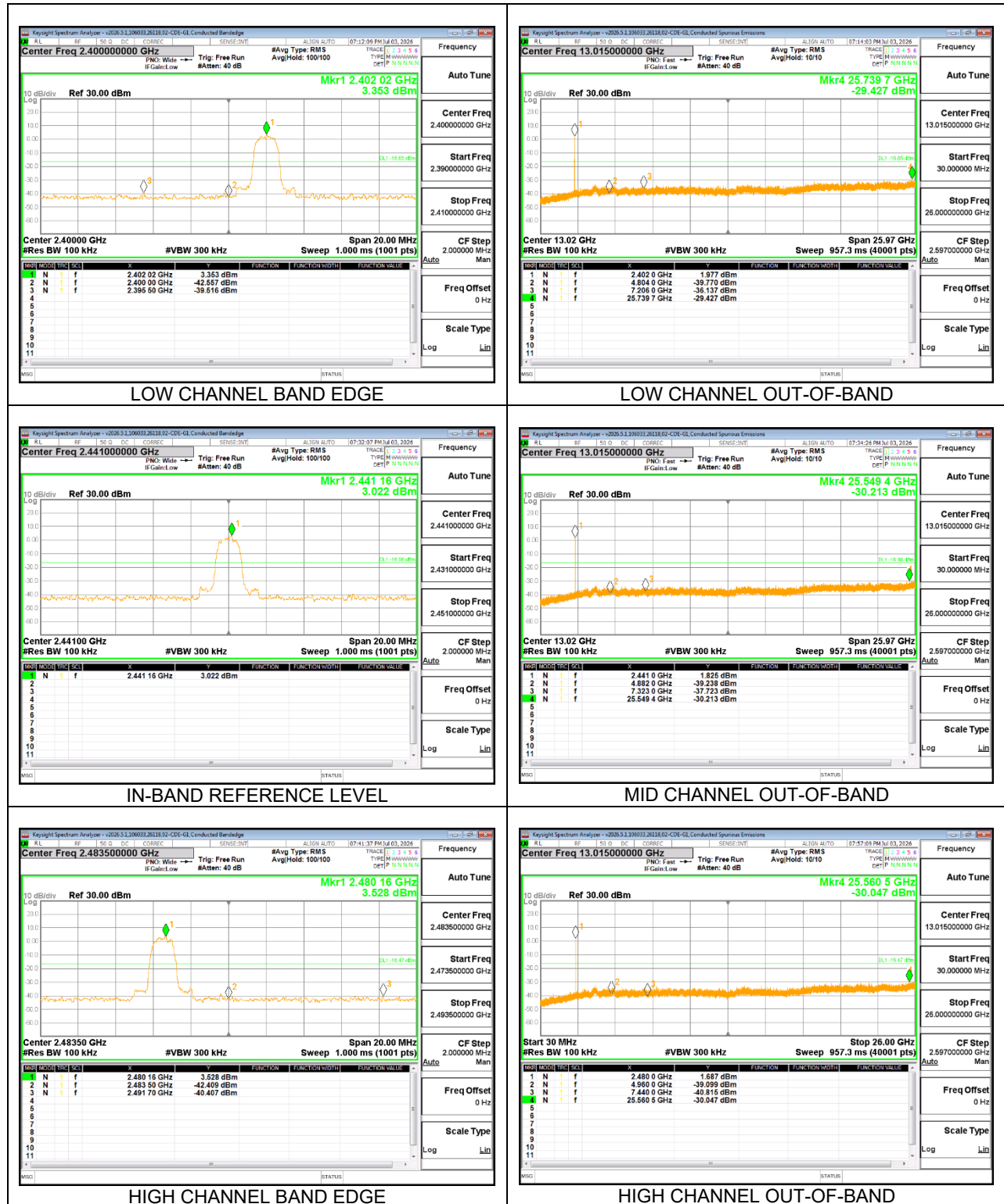


ANT 4 (NON-HOPPING)

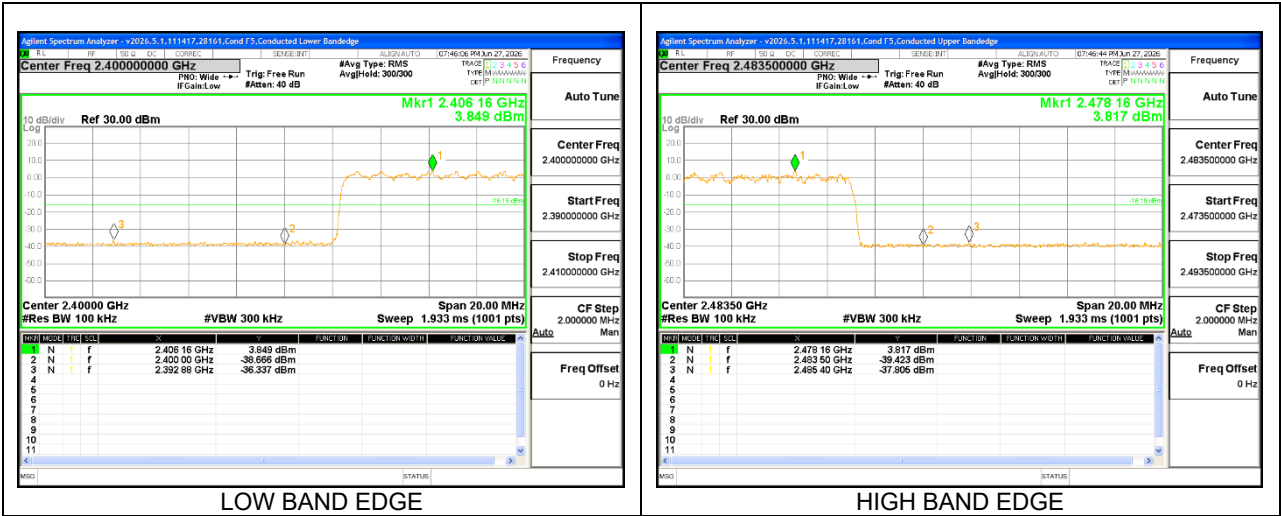


ANT 4 (HOPPING)

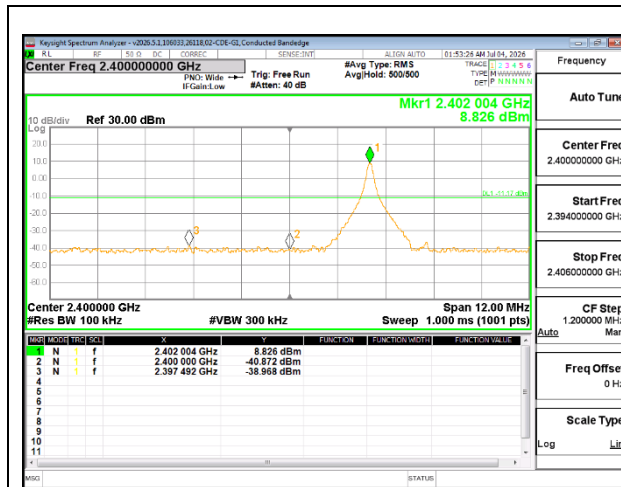




ANT 3 (HOPPING)



ANT 4 (NON-HOPPING)



Keysight Spectrum Analyzer - v2020.1.1000.01.2018.02-CDE-GL Conducted Spurious Emissions

RF: 10 dB, 50 dB, 100 dB, 150 dB, 200 dB, 300 dB, 400 dB, 500 dB, 600 dB, 700 dB, 800 dB, 900 dB, 1000 dB, 1500 dB, 2000 dB, 3000 dB, 4000 dB, 5000 dB, 6000 dB, 7000 dB, 8000 dB, 9000 dB, 10000 dB, 15000 dB, 20000 dB, 30000 dB, 40000 dB, 50000 dB, 60000 dB, 70000 dB, 80000 dB, 90000 dB, 100000 dB, 150000 dB, 200000 dB, 300000 dB, 400000 dB, 500000 dB, 600000 dB, 700000 dB, 800000 dB, 900000 dB, 1000000 dB, 1500000 dB, 2000000 dB, 3000000 dB, 4000000 dB, 5000000 dB, 6000000 dB, 7000000 dB, 8000000 dB, 9000000 dB, 10000000 dB, 15000000 dB, 20000000 dB, 30000000 dB, 40000000 dB, 50000000 dB, 60000000 dB, 70000000 dB, 80000000 dB, 90000000 dB, 100000000 dB, 150000000 dB, 200000000 dB, 300000000 dB, 400000000 dB, 500000000 dB, 600000000 dB, 700000000 dB, 800000000 dB, 900000000 dB, 1000000000 dB, 1500000000 dB, 2000000000 dB, 3000000000 dB, 4000000000 dB, 5000000000 dB, 6000000000 dB, 7000000000 dB, 8000000000 dB, 9000000000 dB, 10000000000 dB, 15000000000 dB, 20000000000 dB, 30000000000 dB, 40000000000 dB, 50000000000 dB, 60000000000 dB, 70000000000 dB, 80000000000 dB, 90000000000 dB, 100000000000 dB, 150000000000 dB, 200000000000 dB, 300000000000 dB, 400000000000 dB, 500000000000 dB, 600000000000 dB, 700000000000 dB, 800000000000 dB, 900000000000 dB, 1000000000000 dB, 1500000000000 dB, 2000000000000 dB, 3000000000000 dB, 4000000000000 dB, 5000000000000 dB, 6000000000000 dB, 7000000000000 dB, 8000000000000 dB, 9000000000000 dB, 10000000000000 dB, 15000000000000 dB, 20000000000000 dB, 30000000000000 dB, 40000000000000 dB, 50000000000000 dB, 60000000000000 dB, 70000000000000 dB, 80000000000000 dB, 90000000000000 dB, 100000000000000 dB, 150000000000000 dB, 200000000000000 dB, 300000000000000 dB, 400000000000000 dB, 500000000000000 dB, 600000000000000 dB, 700000000000000 dB, 800000000000000 dB, 900000000000000 dB, 1000000000000000 dB, 1500000000000000 dB, 2000000000000000 dB, 3000000000000000 dB, 4000000000000000 dB, 5000000000000000 dB, 6000000000000000 dB, 7000000000000000 dB, 8000000000000000 dB, 9000000000000000 dB, 10000000000000000 dB, 15000000000000000 dB, 20000000000000000 dB, 30000000000000000 dB, 40000000000000000 dB, 50000000000000000 dB, 60000000000000000 dB, 70000000000000000 dB, 80000000000000000 dB, 90000000000000000 dB, 100000000000000000 dB, 150000000000000000 dB, 200000000000000000 dB, 300000000000000000 dB, 400000000000000000 dB, 500000000000000000 dB, 600000000000000000 dB, 700000000000000000 dB, 800000000000000000 dB, 900000000000000000 dB, 1000000000000000000 dB, 1500000000000000000 dB, 2000000000000000000 dB, 3000000000000000000 dB, 4000000000000000000 dB, 5000000000000000000 dB, 6000000000000000000 dB, 7000000000000000000 dB, 8000000000000000000 dB, 9000000000000000000 dB, 10000000000000000000 dB, 15000000000000000000 dB, 20000000000000000000 dB, 30000000000000000000 dB, 40000000000000000000 dB, 50000000000000000000 dB, 60000000000000000000 dB, 70000000000000000000 dB, 80000000000000000000 dB, 90000000000000000000 dB, 100000000000000000000 dB, 150000000000000000000 dB, 200000000000000000000 dB, 300000000000000000000 dB, 400000000000000000000 dB, 500000000000000000000 dB, 600000000000000000000 dB, 700000000000000000000 dB, 800000000000000000000 dB, 900000000000000000000 dB, 1000000000000000000000 dB, 1500000000000000000000 dB, 2000000000000000000000 dB, 3000000000000000000000 dB, 4000000000000000000000 dB, 5000000000000000000000 dB, 6000000000000000000000 dB, 7000000000000000000000 dB, 8000000000000000000000 dB, 9000000000000000000000 dB, 10000000000000000000000 dB, 15000000000000000000000 dB, 20000000000000000000000 dB, 30000000000000000000000 dB, 40000000000000000000000 dB, 50000000000000000000000 dB, 60000000000000000000000 dB, 70000000000000000000000 dB, 80000000000000000000000 dB, 90000000000000000000000 dB, 100000000000000000000000 dB, 150000000000000000000000 dB, 200000000000000000000000 dB, 300000000000000000000000 dB, 400000000000000000000000 dB, 500000000000000000000000 dB, 600000000000000000000000 dB, 700000000000000000000000 dB, 800000000000000000000000 dB, 900000000000000000000000 dB, 1000000000000000000000000 dB, 1500000000000000000000000 dB, 2000000000000000000000000 dB, 3000000000000000000000000 dB, 4000000000000000000000000 dB, 5000000000000000000000000 dB, 6000000000000000000000000 dB, 7000000000000000000000000 dB, 8000000000000000000000000 dB, 9000000000000000000000000 dB, 10000000000000000000000000 dB, 15000000000000000000000000 dB, 20000000000000000000000000 dB, 300000000000000

Keyplot Spectrum Analyzer - v0200.5.1.00035.00102.02-CDE-G2-Conducted Emissions

60.000 AUTO 02:24:30 AM 10/04/2020

Center Freq 2.441000000 GHz

#Avg Type: RMS
AvgHold: 500/500

TRACE 1 0 4 8
TYPE BW 100 kHz
DET P N N N N N

Frequency

Auto Tune

Center Freq
2.441000000 GHz

Start Freq
2.435000000 GHz

Stop Freq
2.447000000 GHz

CF Step
1.200000 MHz

Auto

Freq Offset
0 Hz

Scale Type
Log

Log

Ref 30.00 dBm

Mkr1 2.441 012 GHz
9.130 dBm

10 dB/div

Log

13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

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Key Sight Spectrum Analyzer - AP0022.8.16.00635/20681.02-CDE-G1

Center Freq 13.015000000 GHz

#Avg Type: RM5 Avg/Hold: 10/10

Span 25.97 GHz

Center Freq 13.02 GHz

#Res BW 100 kHz

#VBW 300 kHz

Span 25.97 GHz

Sweep 957.3 ms (40001 pts)

10 dBmV

Ref 30.00 dBm

Mkr4 25.745 5 GHz -29.902 dBm

Marker	Frequency	Amplitude
1	2.4413 GHz	-8.982 dBm
2	4.8800 GHz	-39.229 dBm
3	7.3200 GHz	-37.458 dBm
4	25.7455 GHz	-29.902 dBm

Keyport Spectrum Analyzer - v2020.5.1.106032-2018.02-CD-GI, Conducted EMI

Center Freq 2.483500000 GHz

Trig: Free Run #Att: 40 dB

#Avg Type: RMS Avg/Hold: 500/500

02-11-41 44:14 PM, 2020

Frequency

Auto Tune

Center Freq 2.483500000 GHz

Start Freq 2.477600000 GHz

Stop Freq 2.489500000 GHz

CF Step 1.200000 MHz

Auto

Freq Offset 0 Hz

Scale Type Lin

Log

Span 12.00 MHz

Sweep 1.000 ms (1001 pts)

#VBW 300 kHz

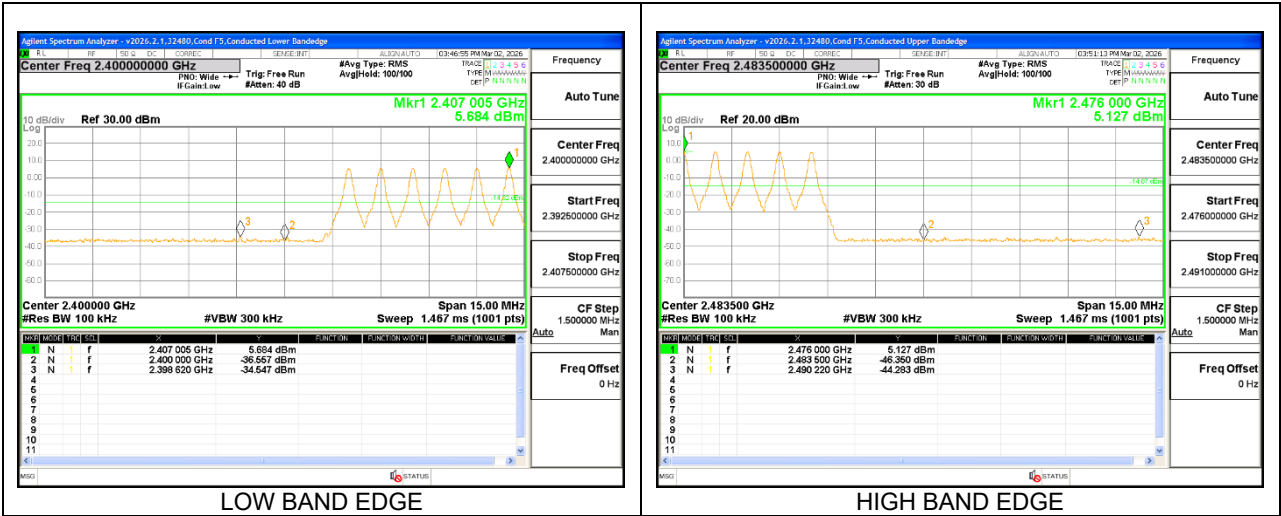
Ref 30.00 dBm

Mkr1 2.480 008 GHz 8.636 dBm

Marker	Mode	Freq (GHz)	Power (dBm)
1	N	2.480 008	8.636
2	N	2.483 500	-40.659
3	N	2.488 216	-38.676

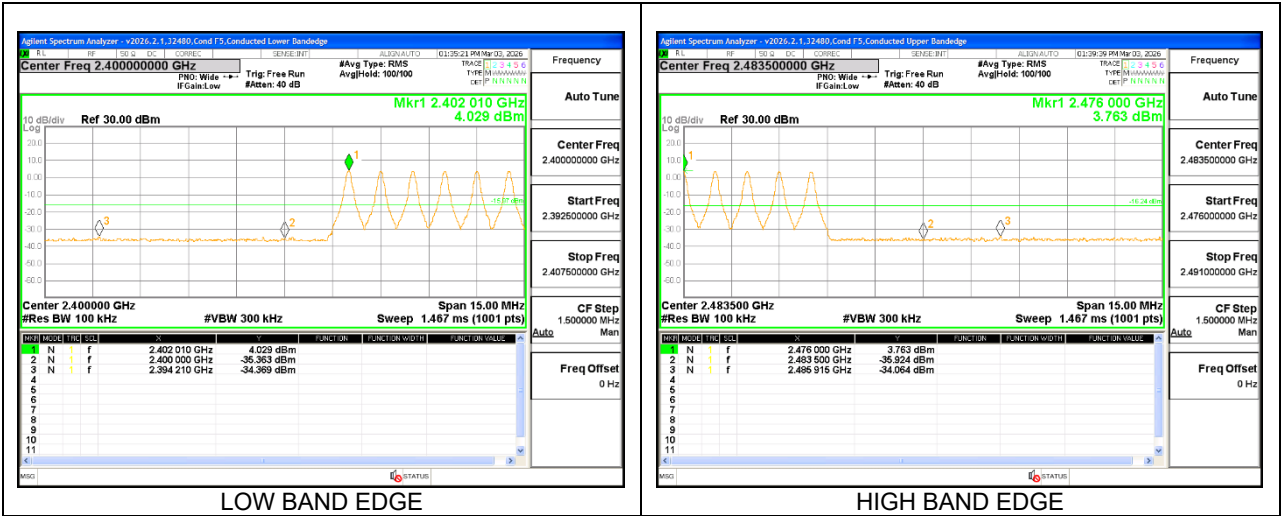
[illegible]

ANT 4 (HOPPING)



ANT 3 (NON-HOPPING)

ANT 3 (HOPPING)



9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Sections 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

Radiated Spurious Emissions above 1 GHz: ANSI C63.10 Section 6.3, 6.6 & 13

Radiated Band-edge: ANSI C63.10 Section 6.10.5 & 13

Radiated Spurious Emissions 30 - 1000 MHz: ANSI C63.10 Section 6.3, 6.5 & 13

Radiated Spurious Emissions Below 30 MHz: ANSI C63.10 Section 6.4 & 13

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1 GHz; 1.5 m above the ground plane for measurement above 1 GHz. 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. Peak detection is used unless otherwise noted as quasi-peak.

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 scans above 1 GHz, the resolution bandwidth is set to 1 MHz. The video bandwidth is then configured to 3 MHz for peak measurements. For average measurements, a 1 MHz resolution bandwidth is used together with a 1/T (500 Hz or 30 kHz) video bandwidth and a peak detector.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1 GHz and above 18 GHz emissions, the channel with the highest output power was tested.

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 must 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

The plots in this section are provided for reference purposes only and illustrate analyzer settings

9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. LOW BAND EDGE – HIGH POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2402	4	* 2.39	59.43	Pk	32.2	-37.08	54.55	-	-	74	-19.45	310	214	H
			* 2.381965	62.48	Pk	32.2	-37.14	57.54	-	-	74	-16.46	310	214	H
			* 2.39	47.18	VA1T	32.2	-37.08	42.3	54	-11.7	-	-	310	214	H
			* 2.387845	47.6	VA1T	32.2	-37.08	42.72	54	-11.28	-	-	310	214	H
			* 2.39	60.22	Pk	32.2	-37.08	55.34	-	-	74	-18.66	283	120	V
			* 2.35064	63.05	Pk	32	-37.1	57.95	-	-	74	-16.05	283	120	V
			* 2.39	47.48	VA1T	32.2	-37.08	42.6	54	-11.4	-	-	283	120	V
			* 2.388806	47.76	VA1T	32.2	-37.08	42.88	54	-11.12	-	-	283	120	V
		3	* 2.39	59.8	Pk	32.2	-37.08	54.92	-	-	74	-19.08	15	133	H
			* 2.374207	62.35	Pk	32.1	-37.09	57.36	-	-	74	-16.64	15	133	H
			* 2.39	47.75	VA1T	32.2	-37.08	42.87	54	-11.13	-	-	15	133	H
			* 2.389985	47.85	VA1T	32.2	-37.08	42.97	54	-11.03	-	-	15	133	H
			* 2.39	59.32	Pk	32.2	-37.08	54.44	-	-	74	-19.56	324	384	V
			* 2.381688	62.15	Pk	32.2	-37.14	57.21	-	-	74	-16.79	324	384	V
			* 2.39	47.42	VA1T	32.2	-37.08	42.54	54	-11.46	-	-	324	384	V
			* 2.388617	47.86	VA1T	32.2	-37.08	42.98	54	-11.02	-	-	324	384	V
EDR (8PSK)	2402	4	* 2.39	59.69	Pk	32.2	-37.08	54.81	-	-	74	-19.19	310	206	H
			* 2.338268	62.27	Pk	32	-36.97	57.3	-	-	74	-16.7	310	206	H
			* 2.39	47.14	VA1T	32.2	-37.08	42.26	54	-11.74	-	-	310	206	H
			* 2.386565	47.61	VA1T	32.2	-37.1	42.71	54	-11.29	-	-	310	206	H
			* 2.39	59.62	Pk	32.2	-37.08	54.74	-	-	74	-19.26	283	112	V
			* 2.358748	62.57	Pk	32.1	-37.13	57.54	-	-	74	-16.46	283	112	V
			* 2.39	47.26	VA1T	32.2	-37.08	42.38	54	-11.62	-	-	283	112	V
			* 2.38885	47.66	VA1T	32.2	-37.08	42.78	54	-11.22	-	-	283	112	V
		3	* 2.39	59.46	Pk	32.2	-37.08	54.58	-	-	74	-19.42	35	139	H
			* 2.312911	62.38	Pk	31.9	-37.07	57.21	-	-	74	-16.79	35	139	H
			* 2.39	47.1	VA1T	32.2	-37.08	42.22	54	-11.78	-	-	35	139	H
			* 2.389185	47.74	VA1T	32.2	-37.08	42.86	54	-11.14	-	-	35	139	H
			* 2.39	60.23	Pk	32.2	-37.08	55.35	-	-	74	-18.65	334	386	V
			* 2.33738	62.79	Pk	31.9	-36.96	57.73	-	-	74	-16.27	334	386	V
			* 2.39	47.36	VA1T	32.2	-37.08	42.48	54	-11.52	-	-	334	386	V
			* 2.388573	47.76	VA1T	32.2	-37.08	42.88	54	-11.12	-	-	334	386	V
BTCSM2	2402	4	* 2.39	59.61	Pk	32.2	-37.08	54.73	-	-	74	-19.27	219	125	H
			* 2.366361	62.24	Pk	32.1	-37.13	57.21	-	-	74	-16.79	219	125	H
			* 2.39	46.42	VA1T	32.2	-37.08	41.54	54	-12.46	-	-	219	125	H
			* 2.345808	52.41	VA1T	32	-37.11	47.3	54	-6.7	-	-	219	125	H
			* 2.39	59.97	Pk	32.2	-37.08	55.09	-	-	74	-18.91	214	332	V
			* 2.371092	62.54	Pk	32.1	-37.08	57.56	-	-	74	-16.44	214	332	V
			* 2.39	48.18	VA1T	32.2	-37.08	43.3	54	-10.7	-	-	214	332	V
			* 2.373668	51.37	VA1T	32.1	-37.09	46.38	54	-7.62	-	-	214	332	V
		3	* 2.39	59.43	Pk	32.2	-37.08	54.55	-	-	74	-19.45	32	150	H
			* 2.325953	62.58	Pk	31.9	-37.06	57.42	-	-	74	-16.58	32	150	H
			* 2.39	48.54	VA1T	32.2	-37.08	43.66	54	-10.34	-	-	32	150	H
			* 2.315531	51.97	VA1T	31.9	-37.06	46.81	54	-7.19	-	-	32	150	H
			* 2.39	60.4	Pk	32.2	-37.08	55.52	-	-	74	-18.48	327	384	V
			* 2.344396	62.56	Pk	32	-37.09	57.47	-	-	74	-16.53	327	384	V
			* 2.39	48.67	VA1T	32.2	-37.08	43.79	54	-10.21	-	-	327	384	V
			* 2.381237	51.41	VA1T	32.2	-37.15	46.46	54	-7.54	-	-	327	384	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.2. LOW BAND EDGE – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2402	4+3	* 2.39	60.25	Pk	32.2	-37.08	55.37	-	-	74	-18.63	51	209	H
			* 2.375211	62.22	Pk	32.2	-37.09	57.33	-	-	74	-16.67	51	209	H
			* 2.39	47.32	VA1T	32.2	-37.08	42.44	54	-11.56	-	-	51	209	H
			* 2.387598	47.72	VA1T	32.2	-37.09	42.83	54	-11.17	-	-	51	209	H
			* 2.39	59.5	Pk	32.2	-37.08	54.62	-	-	74	-19.38	316	381	V
			* 2.384483	62.36	Pk	32.2	-37.13	57.43	-	-	74	-16.57	316	381	V
			* 2.39	47.28	VA1T	32.2	-37.08	42.4	54	-11.6	-	-	316	381	V
			* 2.388122	47.62	VA1T	32.2	-37.08	42.74	54	-11.26	-	-	316	381	V
EDR (8PSK)	2402	4+3	* 2.39	60.57	Pk	32.2	-37.08	55.69	-	-	74	-18.31	44	212	H
			* 2.364134	62.65	Pk	32.1	-37.14	57.61	-	-	74	-16.39	44	212	H
			* 2.39	47.15	VA1T	32.2	-37.08	42.27	54	-11.73	-	-	44	212	H
			* 2.389825	47.61	VA1T	32.2	-37.08	42.73	54	-11.27	-	-	44	212	H
			* 2.39	60.01	Pk	32.2	-37.08	55.13	-	-	74	-18.87	314	380	V
			* 2.337642	61.97	Pk	32	-36.96	57.01	-	-	74	-16.99	314	380	V
			* 2.39	47.23	VA1T	32.2	-37.08	42.35	54	-11.65	-	-	314	380	V
			* 2.379519	47.64	VA1T	32.2	-37.14	42.7	54	-11.3	-	-	314	380	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.3. LOW BAND EDGE – LOW POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2402	4	* 2.39	61.69	Pk	32.2	-37.08	56.81	-	-	74	-17.19	228	213	H
			* 2.365575	62.87	Pk	32.1	-37.13	57.84	-	-	74	-16.16	228	213	H
			* 2.39	47.35	VA1T	32.2	-37.08	42.47	54	-11.53	-	-	228	213	H
			* 2.389767	47.88	VA1T	32.2	-37.08	43	54	-11	-	-	228	213	H
			* 2.39	60.35	Pk	32.2	-37.08	55.47	-	-	74	-18.53	279	122	V
			* 2.37163	62.33	Pk	32.1	-37.08	57.35	-	-	74	-16.65	279	122	V
			* 2.39	47.06	VA1T	32.2	-37.08	42.18	54	-11.82	-	-	279	122	V
		3	* 2.389912	47.64	VA1T	32.2	-37.08	42.76	54	-11.24	-	-	279	122	V
			* 2.39	61.19	Pk	31.7	-41.04	51.85	-	-	74	-22.15	348	143	H
			* 2.322212	64.15	Pk	31.6	-40.99	54.76	-	-	74	-19.24	348	143	H
			* 2.39	48.49	VA1T	31.7	-41.04	39.15	54	-14.85	-	-	348	143	H
			* 2.341674	49.1	VA1T	31.6	-41.03	39.67	54	-14.33	-	-	348	143	H
			* 2.39	62.07	Pk	31.7	-41.04	52.73	-	-	74	-21.27	330	400	V
			* 2.362009	63.75	Pk	31.6	-41.04	54.31	-	-	74	-19.69	330	400	V
			* 2.39	48.55	VA1T	31.7	-41.04	39.21	54	-14.79	-	-	330	400	V
			* 2.352343	49.09	VA1T	31.6	-41	39.69	54	-14.31	-	-	330	400	V
EDR (8PSK)	2402	4	* 2.39	59.61	Pk	32.2	-37.08	54.73	-	-	74	-19.27	232	207	H
			* 2.389549	62.02	Pk	32.2	-37.08	57.14	-	-	74	-16.86	232	207	H
			* 2.39	47.09	VA1T	32.2	-37.08	42.21	54	-11.79	-	-	232	207	H
			* 2.388428	47.64	VA1T	32.2	-37.08	42.76	54	-11.24	-	-	232	207	H
			* 2.39	60.89	Pk	32.2	-37.08	56.01	-	-	74	-17.99	276	127	V
			* 2.389287	62.03	Pk	32.2	-37.08	57.15	-	-	74	-16.85	276	127	V
			* 2.39	47.3	VA1T	32.2	-37.08	42.42	54	-11.58	-	-	276	127	V
		3	* 2.371426	47.66	VA1T	32.1	-37.08	42.68	54	-11.32	-	-	276	127	V
			* 2.39	61.57	Pk	31.7	-41.04	52.23	-	-	74	-21.77	352	143	H
			* 2.3854	64	Pk	31.7	-41.06	54.64	-	-	74	-19.36	352	143	H
			* 2.39	48.41	VA1T	31.7	-41.04	39.07	54	-14.93	-	-	352	143	H
			* 2.32262	49.04	VA1T	31.6	-40.99	39.65	54	-14.35	-	-	352	143	H
			* 2.39	60.79	Pk	31.7	-41.04	51.45	-	-	74	-22.55	326	350	V
			* 2.342969	63.77	Pk	31.6	-41.03	54.34	-	-	74	-19.66	326	350	V
			* 2.39	48.34	VA1T	31.7	-41.04	39	54	-15	-	-	326	350	V
			* 2.318515	49.07	VA1T	31.6	-41.03	39.64	54	-14.36	-	-	326	350	V
BTCSM2	2402	4	* 2.39	60.27	Pk	32.2	-37.08	55.39	-	-	74	-18.61	221	116	H
			* 2.348224	62.55	Pk	32	-37.1	57.45	-	-	74	-16.55	221	116	H
			* 2.39	47.55	VA1T	32.2	-37.08	42.67	54	-11.33	-	-	221	116	H
			* 2.359039	51.54	VA1T	32.1	-37.13	46.51	54	-7.49	-	-	221	116	H
			* 2.39	59.41	Pk	32.2	-37.08	54.53	-	-	74	-19.47	205	337	V
			* 2.347715	62.19	Pk	32	-37.1	57.09	-	-	74	-16.91	205	337	V
			* 2.39	47.99	VA1T	32.2	-37.08	43.11	54	-10.89	-	-	205	337	V
		3	* 2.318472	51.49	VA1T	31.9	-37.03	46.36	54	-7.64	-	-	205	337	V
			* 2.39	60.46	Pk	32.2	-37.08	55.58	-	-	74	-18.42	32	136	H
			* 2.337438	62.64	Pk	31.9	-36.96	57.58	-	-	74	-16.42	32	136	H
			* 2.39	47.73	VA1T	32.2	-37.08	42.85	54	-11.15	-	-	32	136	H
			* 2.354862	52.22	VA1T	32	-37.1	47.12	54	-6.88	-	-	32	136	H
			* 2.39	60.68	Pk	32.2	-37.08	55.8	-	-	74	-18.2	321	383	V
			* 2.311295	62.26	Pk	31.9	-37.05	57.11	-	-	74	-16.89	321	383	V
			* 2.39	48.61	VA1T	32.2	-37.08	43.73	54	-10.27	-	-	321	383	V
			* 2.350306	52.37	VA1T	32	-37.1	47.27	54	-6.73	-	-	321	383	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.4. LOW BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2402	4+3	* 2.39	60.53	Pk	31.7	-41.04	51.19	-	-	74	-22.81	21	142	H
			* 2.338079	63.74	Pk	31.6	-41.01	54.33	-	-	74	-19.67	21	142	H
			* 2.39	48.33	VA1T	31.7	-41.04	38.99	54	-15.01	-	-	21	142	H
			* 2.328049	49.42	VA1T	31.6	-41.05	39.97	54	-14.03	-	-	21	142	H
			* 2.39	60.7	Pk	31.7	-41.04	51.36	-	-	74	-22.64	312	398	V
			* 2.383086	63.36	Pk	31.7	-41.05	54.01	-	-	74	-19.99	312	398	V
			* 2.39	48.45	VA1T	31.7	-41.04	39.11	54	-14.89	-	-	312	398	V
EDR (8PSK)	2402	4+3	* 2.328268	49.14	VA1T	31.6	-41.05	39.69	54	-14.31	-	-	312	398	V
			* 2.39	61.04	Pk	31.7	-41.04	51.7	-	-	74	-22.3	22	113	H
			* 2.3715	63.33	Pk	31.7	-41.03	54	-	-	74	-20	22	113	H
			* 2.39	48.57	VA1T	31.7	-41.04	39.23	54	-14.77	-	-	22	113	H
			* 2.32788	49.24	VA1T	31.6	-41.05	39.79	54	-14.21	-	-	22	113	H
			* 2.39	61.6	Pk	31.7	-41.04	52.26	-	-	74	-21.74	315	399	V
			* 2.38665	63.58	Pk	31.7	-41.05	54.23	-	-	74	-19.77	315	399	V
			* 2.39	48.64	VA1T	31.7	-41.04	39.3	54	-14.7	-	-	315	399	V
			* 2.38587	49.07	VA1T	31.7	-41.06	39.71	54	-14.29	-	-	315	399	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

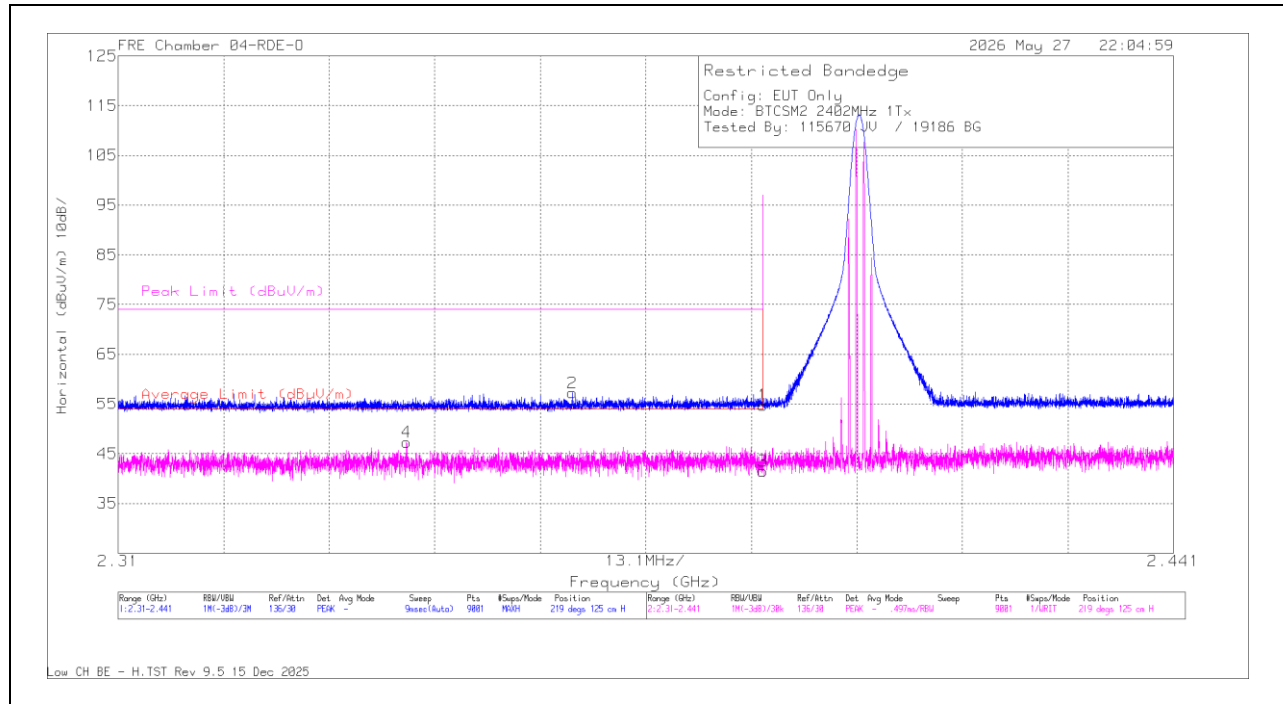
Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

9.1.5. LOW BAND EDGE – WORST-CASE

BTCSM2 / 2402 MHz / HIGH POWER / SISO ANT 4

HORIZONTAL RESULT



MEASURED DATA

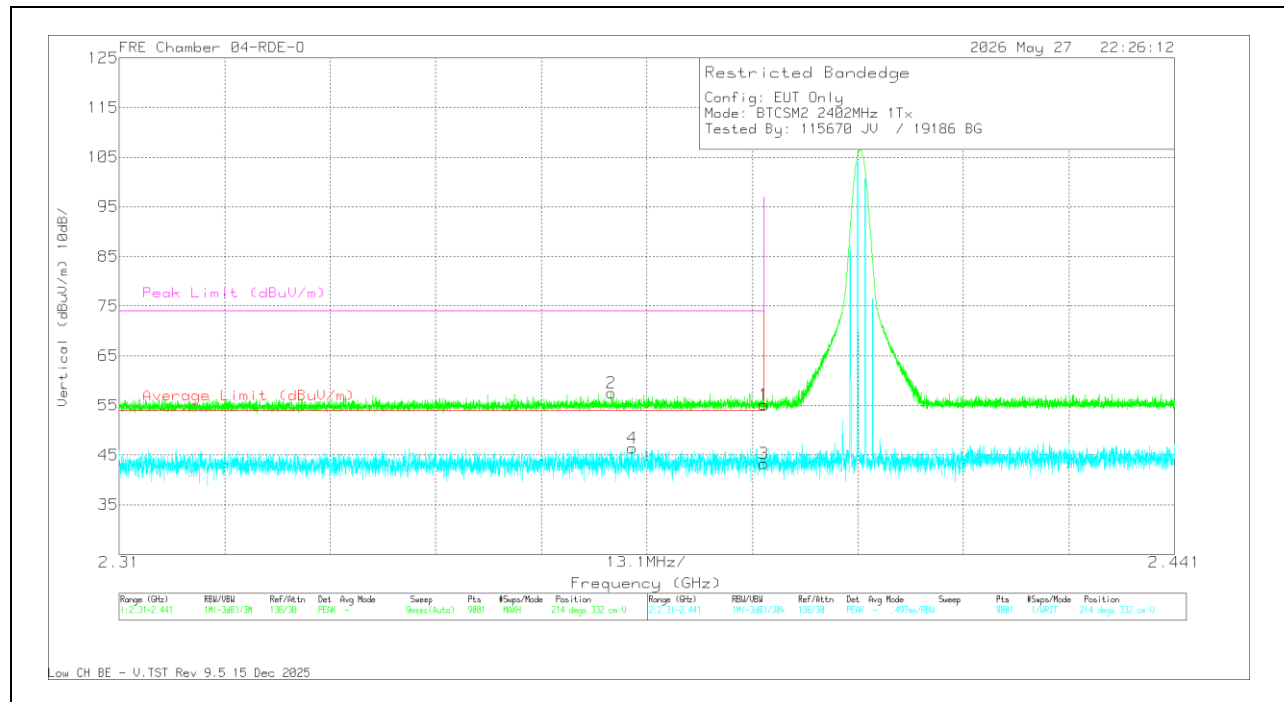
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)
1	* 2.39	59.61	Pk	32.2	-37.08	54.73	-	-	74	-19.27	219	125
2	* 2.366361	62.24	Pk	32.1	-37.13	57.21	-	-	74	-16.79	219	125
3	* 2.39	46.42	VA1T	32.2	-37.08	41.54	54	-12.46	-	-	219	125
4	* 2.345808	52.41	VA1T	32	-37.11	47.3	54	-6.7	-	-	219	125

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)
1	* 2.39	59.97	Pk	32.2	-37.08	55.09	-	-	74	-18.91	214	332
2	* 2.371092	62.54	Pk	32.1	-37.08	57.56	-	-	74	-16.44	214	332
3	* 2.39	48.18	VA1T	32.2	-37.08	43.3	54	-10.7	-	-	214	332
4	* 2.373668	51.37	VA1T	32.1	-37.09	46.38	54	-7.62	-	-	214	332

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.6. HIGH BAND EDGE – HIGH POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2480	4	* 2.4835	60.62	Pk	32.4	-36.91	56.11	-	-	74	-17.89	318	202	H
			* 2.486047	62.81	Pk	32.4	-36.92	58.29	-	-	74	-15.71	318	202	H
			* 2.4835	48.95	VA1T	32.4	-36.91	44.44	54	-9.56	-	-	318	202	H
			* 2.484284	48.97	VA1T	32.4	-36.91	44.46	54	-9.54	-	-	318	202	H
			* 2.4835	60.9	Pk	32.4	-36.91	56.39	-	-	74	-17.61	264	113	V
			2.525318	62.53	Pk	32.5	-36.87	58.16	-	-	-	-	264	113	V
			* 2.4835	48.25	VA1T	32.4	-36.91	43.74	54	-10.26	-	-	264	113	V
			* 2.484162	48.62	VA1T	32.4	-36.9	44.12	54	-9.88	-	-	264	113	V
		3	* 2.4835	62.37	Pk	32.4	-36.91	57.86	-	-	74	-16.14	37	128	H
			* 2.483525	63.73	Pk	32.4	-36.9	59.23	-	-	74	-14.77	37	128	H
			* 2.4835	48.24	VA1T	32.4	-36.91	43.73	54	-10.27	-	-	37	128	H
			* 2.483905	49	VA1T	32.4	-36.9	44.5	54	-9.5	-	-	37	128	H
			* 2.4835	60.76	Pk	32.4	-36.91	56.25	-	-	74	-17.75	346	396	V
			* 2.486697	62.05	Pk	32.4	-36.93	57.52	-	-	74	-16.48	346	396	V
			* 2.4835	48.65	VA1T	32.4	-36.91	44.14	54	-9.86	-	-	346	396	V
			2.551305	48.64	VA1T	32.3	-36.71	44.23	-	-	-	-	346	396	V
EDR (8PSK)	2480	4	* 2.4835	74.21	Pk	32.4	-36.91	69.7	-	-	74	-4.3	314	228	H
			* 2.483512	73.74	Pk	32.4	-36.9	69.24	-	-	74	-4.76	314	228	H
			* 2.4835	52.6	VA1T	32.4	-36.91	48.09	54	-5.91	-	-	314	228	H
			* 2.483512	52.56	VA1T	32.4	-36.9	48.06	54	-5.94	-	-	314	228	H
			* 2.4835	73.24	Pk	32.4	-36.91	68.73	-	-	74	-5.27	261	113	V
			* 2.483552	73.01	Pk	32.4	-36.9	68.51	-	-	74	-5.49	261	113	V
			* 2.4835	52.56	VA1T	32.4	-36.91	48.05	54	-5.95	-	-	261	113	V
			* 2.483512	52.46	VA1T	32.4	-36.9	47.96	54	-6.04	-	-	261	113	V
		3	* 2.4835	70.04	Pk	32.4	-36.91	65.53	-	-	74	-8.47	43	127	H
			* 2.483525	70.37	Pk	32.4	-36.9	65.87	-	-	74	-8.13	43	127	H
			* 2.4835	48.58	VA1T	32.4	-36.91	44.07	54	-9.93	-	-	43	127	H
			* 2.483607	50.47	VA1T	32.4	-36.9	45.97	54	-8.03	-	-	43	127	H
			* 2.4835	67.7	Pk	32.4	-36.91	63.19	-	-	74	-10.81	4	399	V
			* 2.483566	67.79	Pk	32.4	-36.9	63.29	-	-	74	-10.71	4	399	V
			* 2.4835	49.95	VA1T	32.4	-36.91	45.44	54	-8.56	-	-	4	399	V
			* 2.483512	49.58	VA1T	32.4	-36.9	45.08	54	-8.92	-	-	4	399	V
BTCSM2	2480	4	* 2.4835	64.73	Pk	32.4	-36.91	60.22	-	-	74	-13.78	191	203	H
			* 2.483525	65.38	Pk	32.4	-36.9	60.88	-	-	74	-13.12	191	203	H
			* 2.4835	45.67	VA1T	32.4	-36.91	41.16	54	-12.84	-	-	191	203	H
			2.507248	52.03	VA1T	32.5	-36.93	47.6	-	-	-	-	191	203	H
			* 2.4835	61.93	Pk	32.4	-36.91	57.42	-	-	74	-16.58	200	395	V
			2.549502	62.5	Pk	32.3	-36.75	58.05	-	-	-	-	200	395	V
			* 2.4835	49.35	VA1T	32.4	-36.91	44.84	54	-9.16	-	-	200	395	V
			2.549299	52.26	VA1T	32.4	-36.75	47.91	-	-	-	-	200	395	V
		3	* 2.4835	59.33	Pk	32.3	-37.92	53.71	-	-	74	-20.29	223	111	H
			* 2.483566	62.19	Pk	32.3	-37.92	56.57	-	-	74	-17.43	223	111	H
			* 2.4835	45.33	VA1T	32.3	-37.92	39.71	54	-14.29	-	-	223	111	H
			2.510271	49.75	VA1T	32.3	-37.78	44.27	-	-	-	-	223	111	H
			* 2.4835	57.84	Pk	32.3	-37.92	52.22	-	-	74	-21.78	177	380	V
			* 2.483742	60.94	Pk	32.3	-37.93	55.31	-	-	74	-18.69	177	380	V
			* 2.4835	44.5	VA1T	32.3	-37.92	38.88	54	-15.12	-	-	177	380	V
			2.555358	48.93	VA1T	32.4	-37.61	43.72	-	-	-	-	177	380	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.7. HIGH BAND EDGE – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2480	4+3	* 2.4835	62.28	Pk	32.4	-36.91	57.77	-	-	74	-16.23	49	127	H
			* 2.484339	63.54	Pk	32.4	-36.91	59.03	-	-	74	-14.97	49	127	H
			* 2.4835	49.13	VA1T	32.4	-36.91	44.62	54	-9.38	-	-	49	127	H
			* 2.483525	49.24	VA1T	32.4	-36.9	44.74	54	-9.26	-	-	49	127	H
			* 2.4835	60.08	Pk	32.4	-36.91	55.57	-	-	74	-18.43	329	399	V
			2.54896	62.37	Pk	32.4	-36.76	58.01	-	-	-	-	329	399	V
			* 2.4835	48.1	VA1T	32.4	-36.91	43.59	54	-10.41	-	-	329	399	V
EDR (8PSK)	2480	4+3	2.553569	48.53	VA1T	32.3	-36.73	44.1	-	-	-	-	329	399	V
			* 2.4835	70.54	Pk	32.2	-34	68.74	-	-	74	-5.26	124	115	H
			* 2.483525	70.42	Pk	32.2	-33.99	68.63	-	-	74	-5.37	124	115	H
			* 2.4835	49.87	VA1T	32.2	-34	48.07	54	-5.93	-	-	124	115	H
			* 2.483607	50.01	VA1T	32.2	-33.99	48.22	54	-5.78	-	-	124	115	H
			* 2.4835	63.48	Pk	32.2	-34	61.68	-	-	74	-12.32	184	103	V
			* 2.48362	62.93	Pk	32.2	-33.99	61.14	-	-	74	-12.86	184	103	V
			* 2.4835	47.47	VA1T	32.2	-34	45.67	54	-8.33	-	-	184	103	V
			* 2.483539	47.56	VA1T	32.2	-33.99	45.77	54	-8.23	-	-	184	103	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.8. HIGH BAND EDGE – LOW POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2480	4	* 2.4835	59.7	Pk	32.4	-36.91	55.19	-	-	74	-18.81	313	203	H
			2.517808	62.12	Pk	32.5	-36.9	57.72	-	-	-	-	313	203	H
			* 2.4835	47.9	VA1T	32.4	-36.91	43.39	54	-10.61	-	-	313	203	H
			2.526742	48.47	VA1T	32.5	-36.88	44.09	-	-	-	-	313	203	H
			* 2.4835	59.99	Pk	32.4	-36.91	55.48	-	-	74	-18.52	273	113	V
			2.515666	62.53	Pk	32.5	-36.89	58.14	-	-	-	-	273	113	V
		3	* 2.4835	47.81	VA1T	32.4	-36.91	43.3	54	-10.7	-	-	273	113	V
			2.511871	48.35	VA1T	32.5	-36.89	43.96	-	-	-	-	273	113	V
			* 2.4835	62.09	Pk	31.9	-40.96	53.03	-	-	74	-20.97	15	113	H
			2.561201	64.01	Pk	32.3	-40.77	55.54	-	-	-	-	15	113	H
			* 2.4835	48.97	VA1T	31.9	-40.96	39.91	54	-14.09	-	-	15	113	H
			2.556917	48.83	VA1T	32.2	-40.78	40.25	-	-	-	-	15	113	H
			* 2.4835	61.75	Pk	31.9	-40.96	52.69	-	-	74	-21.31	324	367	V
			2.548838	63.94	Pk	32.2	-40.76	55.38	-	-	-	-	324	367	V
			* 2.4835	48.6	VA1T	31.9	-40.96	39.54	54	-14.46	-	-	324	367	V
			2.562557	48.87	VA1T	32.3	-40.74	40.43	-	-	-	-	324	367	V
EDR (8PSK)	2480	4	* 2.4835	59.87	Pk	32.4	-36.91	55.36	-	-	74	-18.64	319	199	H
			2.542724	62.31	Pk	32.4	-36.89	57.82	-	-	-	-	319	199	H
			* 2.4835	48.26	VA1T	32.4	-36.91	43.75	54	-10.25	-	-	319	199	H
			2.507587	48.55	VA1T	32.5	-36.92	44.13	-	-	-	-	319	199	H
			* 2.4835	61.17	Pk	32.4	-36.91	56.66	-	-	74	-17.34	262	109	V
			2.54694	62.29	Pk	32.4	-36.83	57.86	-	-	-	-	262	109	V
		3	* 2.4835	48.12	VA1T	32.4	-36.91	43.61	54	-10.39	-	-	262	109	V
			2.533276	48.52	VA1T	32.5	-36.89	44.13	-	-	-	-	262	109	V
			* 2.4835	62.66	Pk	31.9	-40.96	53.6	-	-	74	-20.4	17	113	H
			2.553813	63.78	Pk	32.2	-40.76	55.22	-	-	-	-	17	113	H
			* 2.4835	48.8	VA1T	31.9	-40.96	39.74	54	-14.26	-	-	17	113	H
			2.561906	48.78	VA1T	32.3	-40.75	40.33	-	-	-	-	17	113	H
			* 2.4835	61.41	Pk	31.9	-40.96	52.35	-	-	74	-21.65	324	367	V
			2.529046	63.94	Pk	32.1	-40.85	55.19	-	-	-	-	324	367	V
			* 2.4835	48.51	VA1T	31.9	-40.96	39.45	54	-14.55	-	-	324	367	V
			2.559344	48.92	VA1T	32.2	-40.78	40.34	-	-	-	-	324	367	V
BTCSM2	2480	4	* 2.4835	60.06	Pk	32.4	-36.91	55.55	-	-	74	-18.45	187	121	H
			* 2.493394	62.42	Pk	32.4	-36.91	57.91	-	-	74	-16.09	187	121	H
			* 2.4835	49.82	VA1T	32.4	-36.91	45.31	54	-8.69	-	-	187	121	H
			2.509471	52.6	VA1T	32.5	-36.89	48.21	-	-	-	-	187	121	H
			* 2.4835	60.14	Pk	32.4	-36.91	55.63	-	-	74	-18.37	206	395	V
			* 2.496986	62.47	Pk	32.4	-36.89	57.98	-	-	74	-16.02	206	395	V
		3	* 2.4835	49.05	VA1T	32.4	-36.91	44.54	54	-9.46	-	-	206	395	V
			2.537234	52.75	VA1T	32.4	-36.86	48.29	-	-	-	-	206	395	V
			* 2.4835	59.76	Pk	32.4	-36.91	55.25	-	-	74	-18.75	19	124	H
			2.502124	62.05	Pk	32.5	-36.94	57.61	-	-	-	-	19	124	H
			* 2.4835	47.25	VA1T	32.4	-36.91	42.74	54	-11.26	-	-	19	124	H
			2.517524	52.94	VA1T	32.5	-36.91	48.53	-	-	-	-	19	124	H
			* 2.4835	59.71	Pk	32.4	-36.91	55.2	-	-	74	-18.8	344	389	V
			2.518256	62.33	Pk	32.5	-36.9	57.93	-	-	-	-	344	389	V
			* 2.4835	47.87	VA1T	32.4	-36.91	43.36	54	-10.64	-	-	344	389	V
			2.523664	52.29	VA1T	32.5	-36.87	47.92	-	-	-	-	344	389	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.9. HIGH BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BDR (GFSK)	2480	4+3	* 2.4835	61.95	Pk	31.9	-40.96	52.89	-	-	74	-21.11	17	112	H
			2.556416	63.59	Pk	32.2	-40.78	55.01	-	-	-	-	17	112	H
			* 2.4835	48.95	VA1T	31.9	-40.96	39.89	54	-14.11	-	-	17	112	H
			2.560876	48.89	VA1T	32.3	-40.77	40.42	-	-	-	-	17	112	H
			* 2.4835	60.86	Pk	31.9	-40.96	51.8	-	-	74	-22.2	101	312	V
			2.531771	63.6	Pk	32.2	-40.86	54.94	-	-	-	-	101	312	V
			* 2.4835	48.39	VA1T	31.9	-40.96	39.33	54	-14.67	-	-	101	312	V
EDR (8PSK)	2480	4+3	2.561255	48.77	VA1T	32.3	-40.76	40.31	-	-	-	-	101	312	V
			* 2.4835	62.71	Pk	31.9	-40.96	53.65	-	-	74	-20.35	17	148	H
			2.560442	63.71	Pk	32.3	-40.76	55.25	-	-	-	-	17	148	H
			* 2.4835	49.54	VA1T	31.9	-40.96	40.48	54	-13.52	-	-	17	148	H
			* 2.483539	49.66	VA1T	31.9	-40.96	40.6	54	-13.4	-	-	17	148	H
			* 2.4835	61.6	Pk	31.9	-40.96	52.54	-	-	74	-21.46	102	311	V
			2.551549	63.86	Pk	32.2	-40.75	55.31	-	-	-	-	102	311	V
			* 2.4835	48.62	VA1T	31.9	-40.96	39.56	54	-14.44	-	-	102	311	V
			2.556592	48.85	VA1T	32.2	-40.78	40.27	-	-	-	-	102	311	V

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

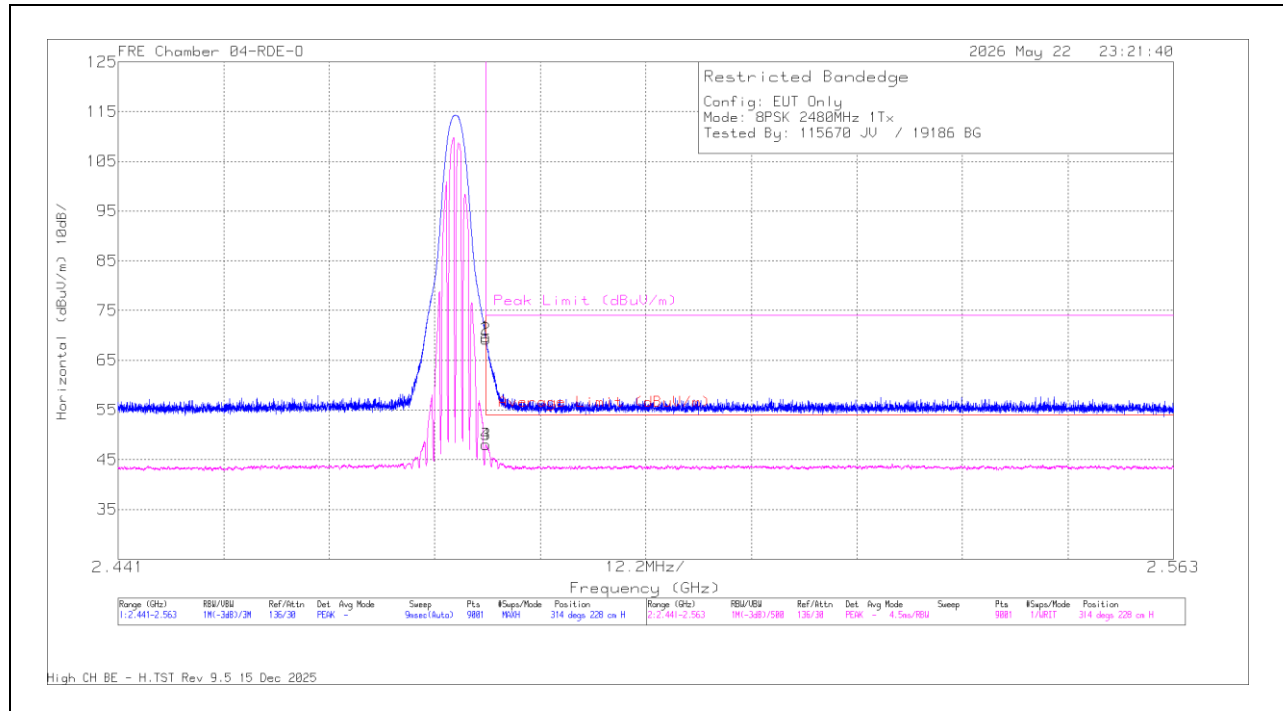
Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.10. HIGH BAND EDGE – WORST-CASE

8PSK / 2480 MHz / HIGH POWER / SISO ANT 4:

HORIZONTAL RESULT



MEASURED DATA

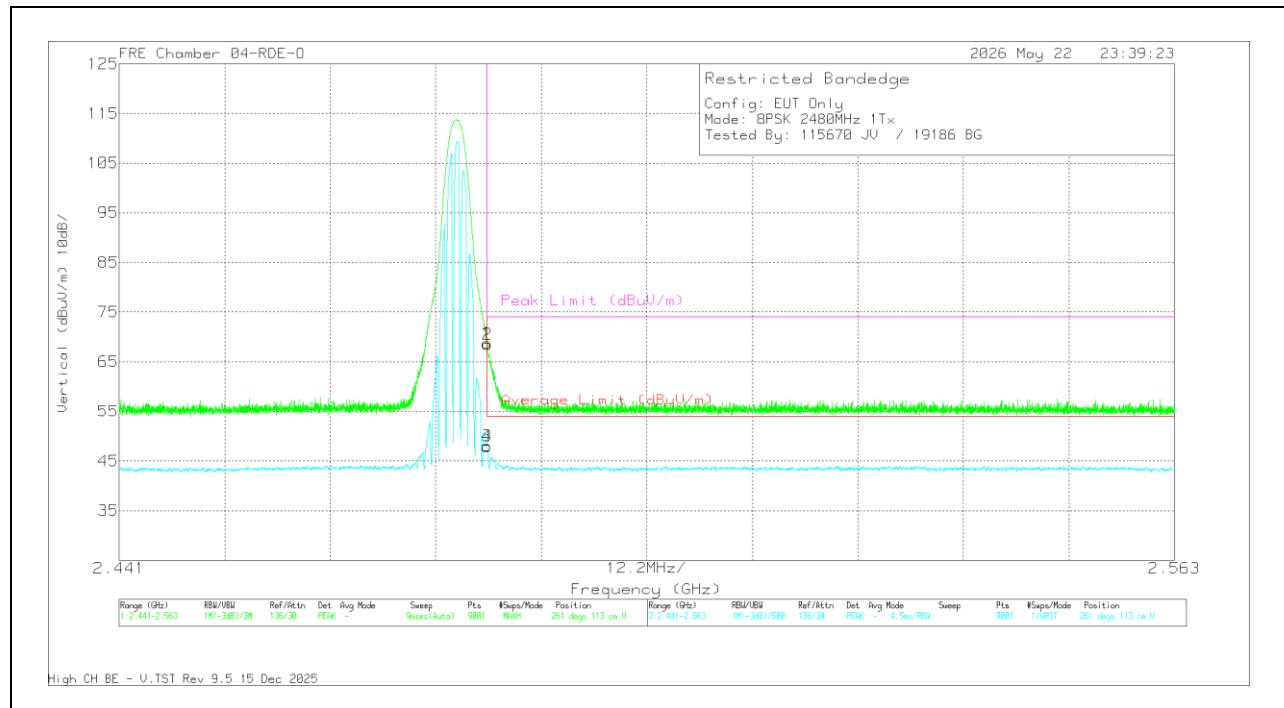
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.21	Pk	32.4	-36.91	69.7	-	-	74	-4.3	314	228	H
2	* 2.483512	73.74	Pk	32.4	-36.9	69.24	-	-	74	-4.76	314	228	H
3	* 2.4835	52.6	VA1T	32.4	-36.91	48.09	54	-5.91	-	-	314	228	H
4	* 2.483512	52.56	VA1T	32.4	-36.9	48.06	54	-5.94	-	-	314	228	H

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	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	* 2.4835	73.24	Pk	32.4	-36.91	68.73	-	-	74	-5.27	261	113	V
2	* 2.483552	73.01	Pk	32.4	-36.9	68.51	-	-	74	-5.49	261	113	V
3	* 2.4835	52.56	VA1T	32.4	-36.91	48.05	54	-5.95	-	-	261	113	V
4	* 2.483512	52.46	VA1T	32.4	-36.9	47.96	54	-6.04	-	-	261	113	V

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.11. SPURIOUS EMISSIONS – HIGH POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BTCSM2	2402	4	* 12.009984	42.02	VA1T	38.7	-43.78	36.94	54	-17.06	-	-	221	106	V
			* 12.010264	57.84	PKFH	38.7	-43.77	52.77	-	-	74	-21.23	221	106	V
			* 4.219213	42.69	VA1T	33.5	-46.36	29.83	54	-24.17	-	-	360	101	H
			* 4.219279	57.49	PKFH	33.5	-46.36	44.63	-	-	74	-29.37	360	101	H
			* 8.352294	40.78	VA1T	35.9	-44.37	32.31	54	-21.69	-	-	360	200	H
			* 8.372107	55.51	PKFH	35.9	-44.43	46.98	-	-	74	-27.02	360	200	H
			16.693977	42.24	VA1T	42	-44.67	39.57	-	-	-	-	221	101	V
			16.695684	57.09	PKFH	42	-44.66	54.43	-	-	-	-	221	101	V
			16.747746	57.56	PKFH	42.1	-44.5	55.16	-	-	-	-	360	200	H
			16.767386	42.69	VA1T	42.1	-44.78	40.01	-	-	-	-	360	200	H
		3	7.205755	56.39	PKFH	35.7	-44.86	47.23	-	-	-	-	121	141	V
			7.205955	41.15	VA1T	35.7	-44.84	32.01	-	-	-	-	121	141	V
			* 4.280696	57.84	PKFH	33.5	-46.74	44.6	-	-	74	-29.4	360	200	V
			* 4.283287	57.34	PKFH	33.5	-46.75	44.09	-	-	74	-29.91	360	101	H
			* 4.283576	42.51	VA1T	33.5	-46.76	29.25	54	-24.75	-	-	360	200	V
			* 4.284322	42.52	VA1T	33.5	-46.77	29.25	54	-24.75	-	-	360	101	H
			* 9.378434	41.37	VA1T	36.4	-44.35	33.42	54	-20.58	-	-	360	200	V
			* 9.380291	56.25	PKFH	36.4	-44.42	48.23	-	-	74	-25.77	360	200	V
			* 9.389798	41.41	VA1T	36.4	-44.54	33.27	54	-20.73	-	-	360	101	H
			* 9.41395	56.45	PKFH	36.5	-44.37	48.58	-	-	74	-25.42	360	101	H
	2441	4	16.605627	58.03	PKFH	41.8	-45.35	54.48	-	-	-	-	360	101	H
			16.628253	57.33	PKFH	41.9	-45.3	53.93	-	-	-	-	360	101	V
			16.628973	42.23	VA1T	41.8	-45.32	38.71	-	-	-	-	360	101	H
			16.630818	42.22	VA1T	41.9	-45.31	38.81	-	-	-	-	360	101	V
			* 4.566083	58.13	PKFH	34	-46.73	45.4	-	-	74	-28.6	360	199	H
			* 4.57811	42.88	VA1T	34.1	-46.65	30.33	54	-23.67	-	-	360	200	V
			* 4.578536	57.54	PKFH	34.1	-46.67	44.97	-	-	74	-29.03	360	200	V
			* 4.579203	42.93	VA1T	34.1	-46.7	30.33	54	-23.67	-	-	360	199	H
			* 8.280574	55.7	PKFH	35.9	-44.34	47.26	-	-	74	-26.74	360	199	H
			* 8.281962	41.63	VA1T	35.9	-44.33	33.2	54	-20.8	-	-	360	101	V
		3	* 8.281962	45.54	VA1T	35.9	-44.33	37.11	54	-16.89	-	-	360	101	V
			* 8.29556	40.38	VA1T	35.9	-44.23	32.05	54	-21.95	-	-	360	199	H
			16.749857	57.87	PKFH	42.1	-44.5	55.47	-	-	-	-	360	101	V
			16.768655	57.78	PKFH	42.1	-44.83	55.05	-	-	-	-	360	101	H
			16.76867	42.78	VA1T	42.1	-44.83	40.05	-	-	-	-	360	101	V
			16.768846	42.72	VA1T	42.1	-44.84	39.98	-	-	-	-	360	101	H
			* 4.145412	57.67	PKFH	33.5	-46.38	44.79	-	-	74	-29.21	360	101	H
			* 4.163639	42.71	VA1T	33.4	-46.57	29.54	54	-24.46	-	-	360	101	H
			* 4.164343	42.75	VA1T	33.4	-46.57	29.58	54	-24.42	-	-	360	101	V
			* 4.164401	57.5	PKFH	33.4	-46.57	44.33	-	-	74	-29.67	360	101	V
			16.695191	42.41	VA1T	42	-44.67	39.74	-	-	-	-	360	200	H
			16.69532	57.23	PKFH	42	-44.67	54.56	-	-	-	-	360	200	H
			16.709476	57.83	PKFH	42	-44.89	54.94	-	-	-	-	360	200	V
			16.710031	42.38	VA1T	42.1	-44.93	39.55	-	-	-	-	360	200	V
			8.511279	40.5	VA1T	35.8	-44.22	32.08	-	-	-	-	360	101	H
			8.534656	55.7	PKFH	35.8	-43.96	47.54	-	-	-	-	360	101	H
			8.548259	55.4	PKFH	35.8	-43.78	47.42	-	-	-	-	360	101	V
			8.549228	40.5	VA1T	35.8	-43.77	32.53	-	-	-	-	360	101	V

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
BTCSM2	2480	4	* 7.438994	66.95	PK2	35.7	-45.13	57.52	-	-	74	-16.48	160	258	H
			* 7.438727	45.5	VA1T	35.7	-45.12	36.08	54	-17.92	-	-	160	258	H
			* 7.440342	56.58	PK2	35.8	-45.14	47.24	-	-	74	-26.76	55	105	V
			* 7.439906	44.06	VA1T	35.8	-45.14	34.72	54	-19.28	-	-	55	105	V
			9.794547	43.55	VA1T	36.8	-44.98	35.37	-	-	-	-	157	101	H
			9.794547	47.54	VA1T	36.8	-44.98	39.36	-	-	-	-	157	101	H
			9.808311	41.71	VA1T	36.8	-44.98	33.53	-	-	-	-	287	200	V
			9.810831	57.06	PKFH	36.8	-44.99	48.87	-	-	-	-	287	200	V
			15.084548	42.26	VA1T	39.8	-44.65	37.41	-	-	-	-	157	101	H
			15.087597	58.31	PKFH	39.8	-44.77	53.34	-	-	-	-	157	101	H
			15.088188	56.68	PKFH	39.8	-44.79	51.69	-	-	-	-	287	200	V
			15.082241	41.99	VA1T	39.8	-44.57	37.22	-	-	-	-	287	200	V
		3	* 4.677125	57.37	PKFH	34.1	-46.46	45.01	-	-	74	-28.99	360	200	H
			* 4.687236	42.6	VA1T	34	-46.76	29.84	54	-24.16	-	-	360	200	H
			* 4.688704	42.54	VA1T	34	-46.73	29.81	54	-24.19	-	-	360	200	V
			* 4.691544	58.34	PKFH	34.1	-46.62	45.82	-	-	74	-28.18	360	200	V
			* 7.661248	56.18	PKFH	35.8	-45.27	46.71	-	-	74	-27.29	360	101	H
			* 7.68868	40.98	VA1T	35.8	-45.44	31.34	54	-22.66	-	-	360	200	V
			* 7.688871	41.05	VA1T	35.8	-45.44	31.41	54	-22.59	-	-	360	101	H
			* 7.692698	55.67	PKFH	35.8	-45.44	46.03	-	-	74	-27.97	360	200	V
			13.536736	41.7	VA1T	38.8	-43.92	36.58	-	-	-	-	360	200	V
			13.537381	56.54	PKFH	38.8	-43.94	51.4	-	-	-	-	360	200	V
			13.537852	41.73	VA1T	38.8	-43.95	36.58	-	-	-	-	360	200	H
			13.548345	57.07	PKFH	38.8	-43.98	51.89	-	-	-	-	360	200	H

* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

9.1.12. SPURIOUS EMISSIONS – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (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 (GFSK)	2402	4 + 3	* 4.81413	58.44	PKFH	33.8	-48.16	44.08	-	-	74	-29.92	360	100	H
			* 4.814912	44.7	VA1T	33.8	-48.1	30.4	54	-23.6	-	-	360	201	V
			* 4.820068	58.87	PKFH	33.8	-48.05	44.62	-	-	74	-29.38	360	201	V
			* 4.822179	44.65	VA1T	33.8	-48.14	30.31	54	-23.69	-	-	360	100	H
			7.218982	56.2	PKFH	35.7	-45.61	46.29	-	-	-	-	360	200	V
			7.221067	56.86	PKFH	35.7	-45.67	46.89	-	-	-	-	360	100	H
			7.225542	42.32	VA1T	35.7	-45.62	32.4	-	-	-	-	360	200	V
			7.225964	42.38	VA1T	35.7	-45.59	32.49	-	-	-	-	360	100	H
			9.602823	56.92	PKFH	36.7	-45.17	48.45	-	-	-	-	360	200	V
			9.604592	57.09	PKFH	36.7	-45.22	48.57	-	-	-	-	360	100	H
			9.625494	43.25	VA1T	36.7	-45.23	34.72	-	-	-	-	360	200	V
			9.626983	43.13	VA1T	36.7	-45.19	34.64	-	-	-	-	360	100	H
	2441	4 + 3	* 4.865288	44.7	VA1T	33.8	-48.06	30.44	54	-23.56	-	-	360	201	V
			* 4.865897	44.67	VA1T	33.8	-48.1	30.37	54	-23.63	-	-	360	100	H
			* 4.873199	59.41	PKFH	33.8	-47.98	45.23	-	-	74	-28.77	360	201	V
			* 4.890781	58.77	PKFH	33.8	-47.92	44.65	-	-	74	-29.35	360	100	H
			* 3.306458	42.65	VA1T	35.7	-45.72	32.63	54	-21.37	-	-	360	100	H
			* 7.312951	56.82	PKFH	35.7	-45.64	46.88	-	-	74	-27.12	360	200	V
			* 7.317173	56.84	PKFH	35.7	-45.59	46.95	-	-	74	-27.05	360	100	H
			* 7.323062	43.44	VA1T	35.7	-45.64	33.5	54	-20.5	-	-	360	200	V
			9.74565	58.58	PKFH	36.9	-46.08	49.4	-	-	-	-	360	200	V
			9.750379	44.65	VA1T	36.9	-46.13	35.42	-	-	-	-	360	100	H
			9.751837	44.61	VA1T	36.9	-46.22	35.29	-	-	-	-	360	200	V
			9.783472	59.49	PKFH	36.9	-46.23	50.16	-	-	-	-	360	100	H
	2480	4 + 3	* 4.962979	59.09	PKFH	33.8	-47.95	44.94	-	-	74	-29.06	0	201	V
			* 4.970103	44.3	VA1T	33.8	-48.03	30.07	54	-23.93	-	-	0	201	V
			* 4.975832	57.96	PKFH	33.8	-48	43.76	-	-	74	-30.24	0	100	H
			* 4.977374	44.36	VA1T	33.8	-48.02	30.14	54	-23.86	-	-	0	100	H
			* 7.421353	56.68	PKFH	35.7	-46.2	46.18	-	-	74	-27.82	0	200	V
			* 7.433158	56.62	PKFH	35.7	-46.18	46.14	-	-	74	-27.86	0	100	H
			* 7.449251	42.82	VA1T	35.7	-46.27	32.25	54	-21.75	-	-	0	200	V
			* 7.450233	42.82	VA1T	35.7	-46.26	32.26	54	-21.74	-	-	0	100	H
			9.915905	58.55	PKFH	37.2	-46.22	49.53	-	-	-	-	0	200	V
			9.92867	44.64	VA1T	37.2	-46.08	35.76	-	-	-	-	0	100	H
			9.93275	44.62	VA1T	37.2	-46.02	35.8	-	-	-	-	0	200	V
			9.934319	58.83	PKFH	37.2	-46.11	49.92	-	-	-	-	0	100	H

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

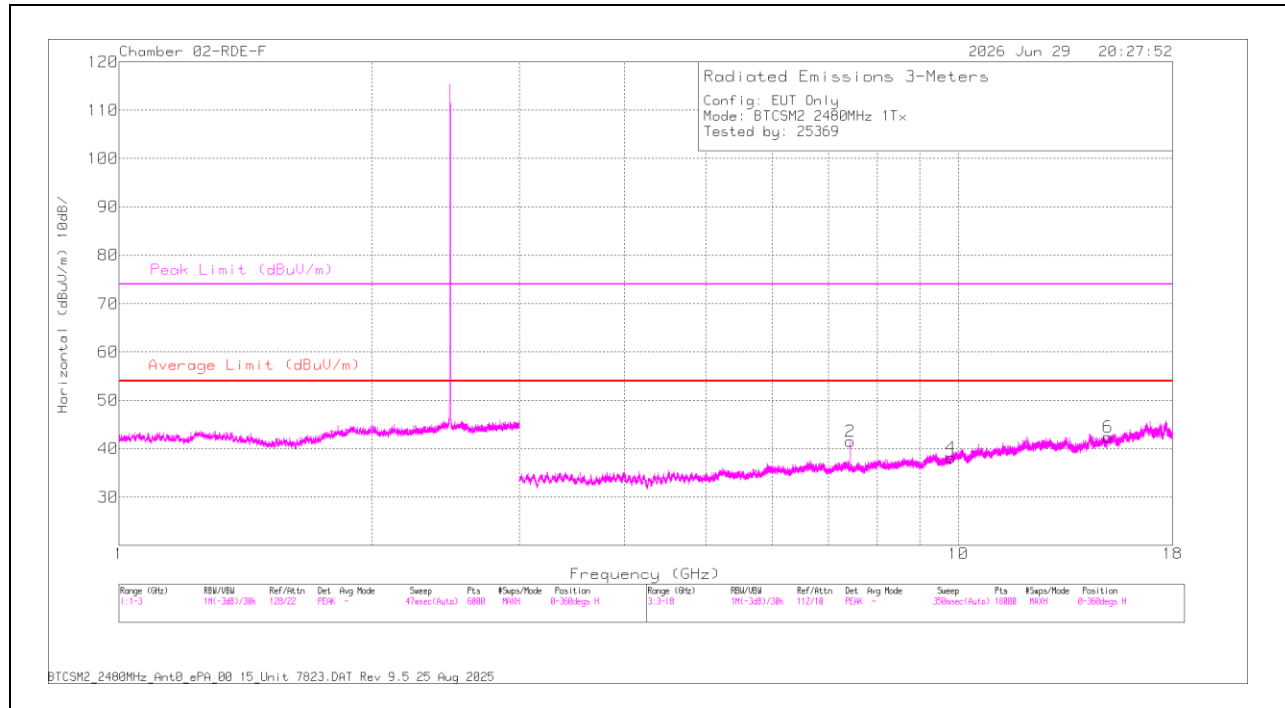
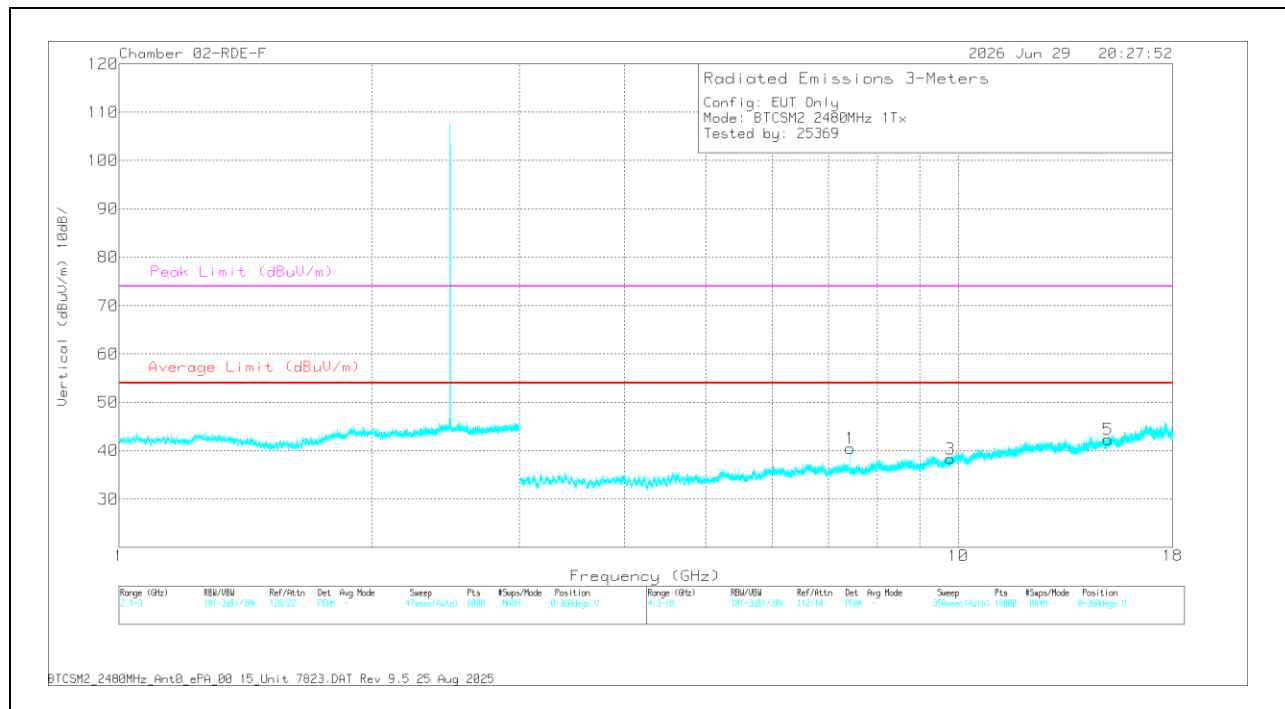
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Rtr/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
EDR (8PSK)	2402	4 + 3	* 3.607326	56.11	PKFH	33	-45.97	0	43.14	-	-	74	-30.86	0	100	H
			* 3.607473	43.12	VA1T	33	-45.98	0	30.14	54	-23.86	-	-	0	100	H
			* 3.610762	42.85	VA1T	33	-46.17	0	29.68	54	-24.32	-	-	0	201	V
			* 3.612384	56.05	PKFH	33	-45.95	0	43.1	-	-	74	-30.9	0	201	V
			6.69831	41.34	VA1T	35.8	-44.29	0	32.85	-	-	-	-	0	200	V
			6.710784	41.38	VA1T	35.8	-44.5	0	32.68	-	-	-	-	0	100	H
			6.711544	56.77	PKFH	35.8	-44.5	0	48.07	-	-	-	-	0	100	H
			6.725404	54.45	PKFH	35.8	-44.54	0	45.71	-	-	-	-	0	200	V
			12.93423	55.43	PKFH	39.1	-42.86	0	51.67	-	-	-	-	0	200	V
			12.951701	54.49	PKFH	39.1	-42.9	0	50.69	-	-	-	-	0	100	H
			12.954866	41.68	VA1T	39.1	-42.99	0	37.79	-	-	-	-	0	200	V
			12.954946	41.8	VA1T	39.1	-42.98	0	37.92	-	-	-	-	0	100	H
	2441	4 + 3	* 4.862228	44.58	VA1T	33.8	-47.82	0	30.56	54	-23.44	-	-	0	201	V
			* 4.866308	44.6	VA1T	33.8	-48.12	0	30.28	54	-23.72	-	-	0	100	H
			* 4.872276	58.48	PKFH	33.8	-47.9	0	44.38	-	-	74	-29.62	0	201	V
			* 4.888388	58.68	PKFH	33.8	-48	0	44.48	-	-	74	-29.52	0	100	H
			* 7.308422	56.69	PKFH	35.7	-45.68	0	46.71	-	-	74	-27.29	0	100	H
			* 7.320738	56.68	PKFH	35.7	-45.66	0	46.72	-	-	74	-27.28	0	200	V
			* 7.322169	42.61	VA1T	35.7	-45.62	0	32.69	54	-21.31	-	-	0	200	V
			* 7.332973	42.55	VA1T	35.7	-45.8	0	32.45	54	-21.55	-	-	0	100	H
			9.759437	58.26	PKFH	36.9	-46.08	0	49.08	-	-	-	-	0	100	H
			9.763743	44.63	VA1T	36.9	-46.05	0	35.48	-	-	-	-	0	100	H
			9.763899	44.65	VA1T	36.9	-46.05	0	35.5	-	-	-	-	0	200	V
			9.77753	58.37	PKFH	36.9	-46.19	0	49.08	-	-	-	-	0	200	V
	2480	4 + 3	* 4.944414	58.17	PKFH	33.8	-48.04	0	43.93	-	-	74	-30.07	0	100	H
			* 4.948596	58.32	PKFH	33.8	-48	0	44.12	-	-	74	-29.88	0	201	V
			* 4.971174	44.2	VA1T	33.8	-48.15	0	29.85	54	-24.15	-	-	0	100	H
			* 4.973321	44.21	VA1T	33.8	-48.23	0	29.78	54	-24.22	-	-	0	201	V
			* 7.436215	56.57	PKFH	35.7	-46.28	0	45.99	-	-	74	-28.01	0	100	H
			* 7.435842	42.71	VA1T	35.7	-46.28	0	32.13	54	-21.87	-	-	0	100	H
			* 7.431993	56.69	PKFH	35.7	-46.16	0	46.23	-	-	74	-27.77	0	200	V
			* 7.439806	43.83	VA1T	35.7	-46.29	0	33.24	54	-20.76	-	-	0	200	V
			9.916025	58.73	PKFH	37.2	-46.22	0	49.71	-	-	-	-	0	200	V
			9.921599	59.58	PKFH	37.2	-46.12	0	50.66	-	-	-	-	0	100	H
			9.934283	44.65	VA1T	37.2	-46.12	0	35.73	-	-	-	-	0	200	V
			9.936701	44.57	VA1T	37.2	-46.19	0	35.58	-	-	-	-	0	100	H

* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.1.13. SPURIOUS EMISSIONS – WORST-CASE**BTCSM2 / 2480 MHz / HIGH POWER / SISO ANT 4****HORIZONTAL RESULT****VERTICAL RESULT**

MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 7.438994	66.95	PK2	35.7	-45.13	57.52	-	-	74	-16.48	160	258	H
	* 7.438727	45.5	VA1T	35.7	-45.12	36.08	54	-17.92	-	-	160	258	H
1	* 7.440342	56.58	PK2	35.8	-45.14	47.24	-	-	74	-26.76	55	105	V
	* 7.439906	44.06	VA1T	35.8	-45.14	34.72	54	-19.28	-	-	55	105	V
4	9.794547	43.55	VA1T	36.8	-44.98	35.37	-	-	-	-	157	101	H
	9.794547	47.54	VA1T	36.8	-44.98	39.36	-	-	-	-	157	101	H
3	9.808311	41.71	VA1T	36.8	-44.98	33.53	-	-	-	-	287	200	V
	9.810831	57.06	PKFH	36.8	-44.99	48.87	-	-	-	-	287	200	V
6	15.084548	42.26	VA1T	39.8	-44.65	37.41	-	-	-	-	157	101	H
	15.087597	58.31	PKFH	39.8	-44.77	53.34	-	-	-	-	157	101	H
5	15.088188	56.68	PKFH	39.8	-44.79	51.69	-	-	-	-	287	200	V
	15.082241	41.99	VA1T	39.8	-44.57	37.22	-	-	-	-	287	200	V

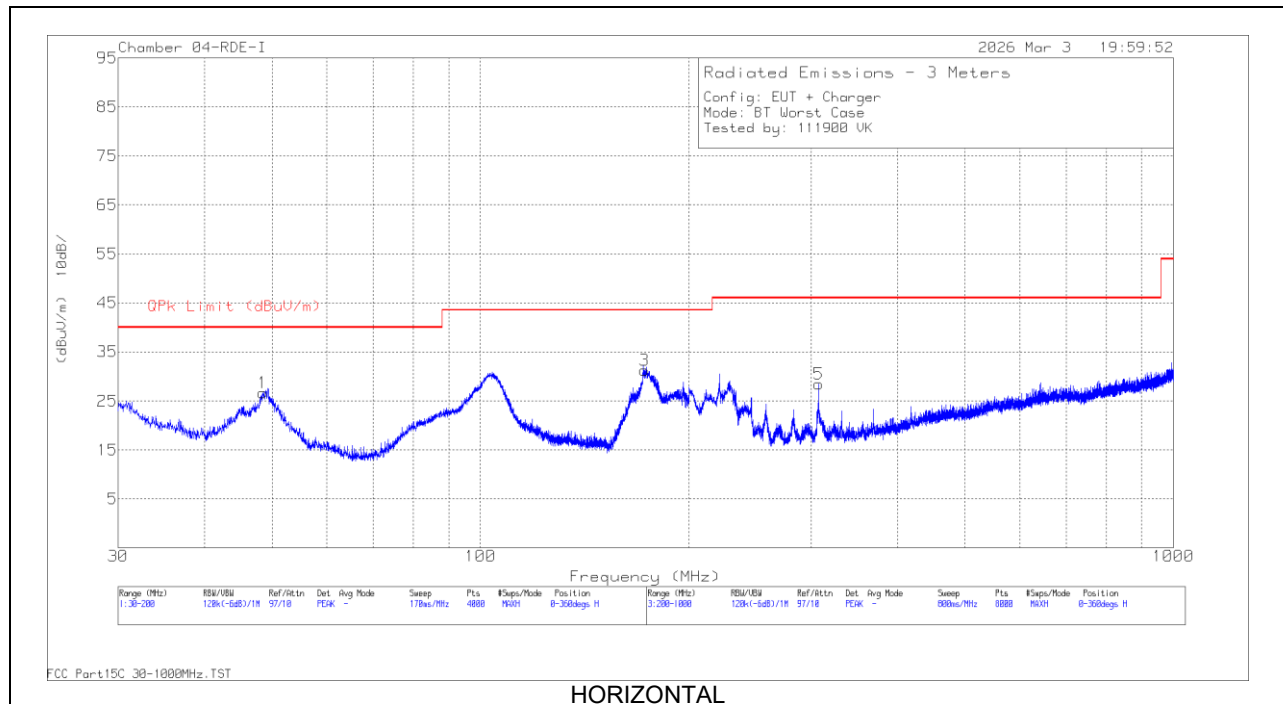
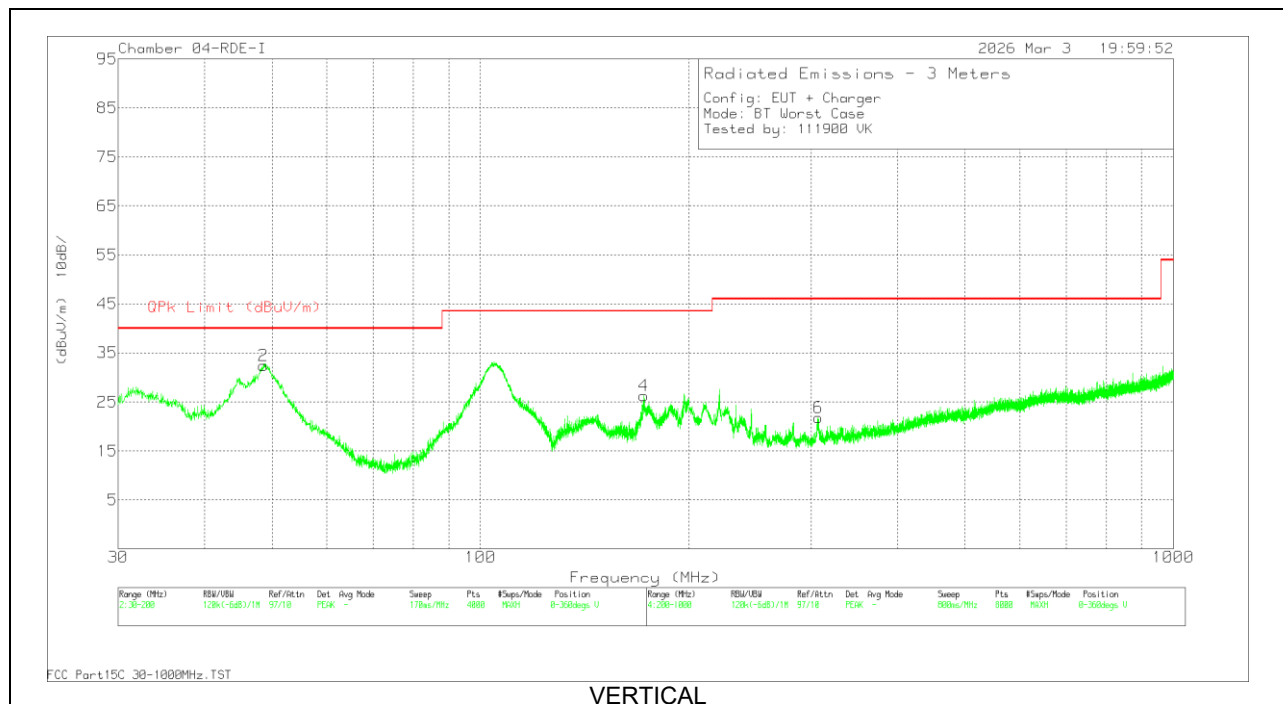
* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1 GHz / RB=1MHz for Frequencies>1 GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

9.2. 30 MHz - 1 GHz – WORST-CASE

SPURIOUS EMISSIONS



MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	82258 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	172.582	34.18	Qp	17.6	-30.2	21.58	43.52	-21.94	360	199	H
4	172.157	25.62	Qp	17.7	-30.2	13.12	43.52	-30.4	360	100	V
1	48.5348	28.54	Qp	14.2	-31	11.74	40	-28.26	360	398	H
2	48.6198	48.17	Qp	14.2	-31	31.37	40	-8.63	360	100	V
5	307.706	38.52	Qp	19.5	-29.6	28.42	46.02	-17.6	33	129	H
6	307.75	31	Qp	19.5	-29.6	20.9	46.02	-25.12	239	141	V

Qp - Quasi-Peak detector