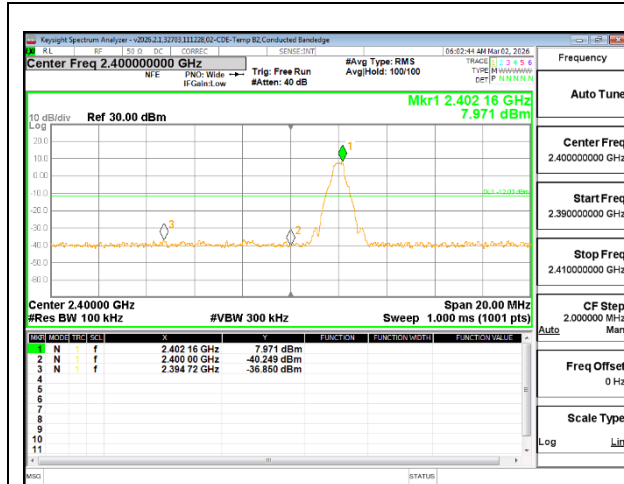
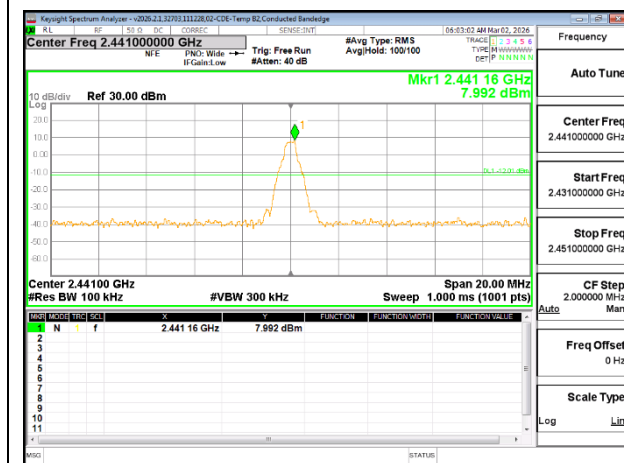


ANT 3 (NON-HOPPING)

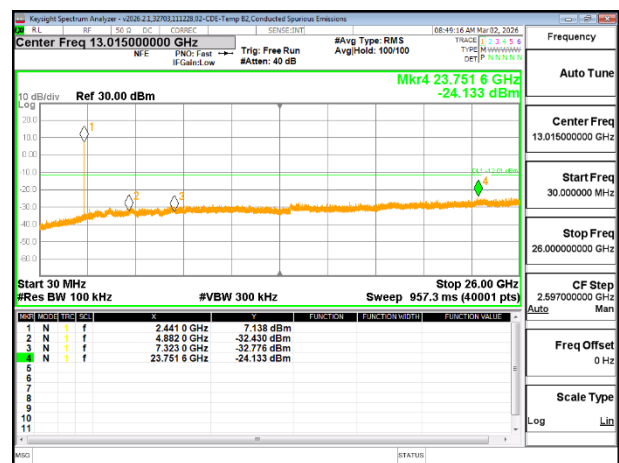
LOW CHANNEL BAND EDGE



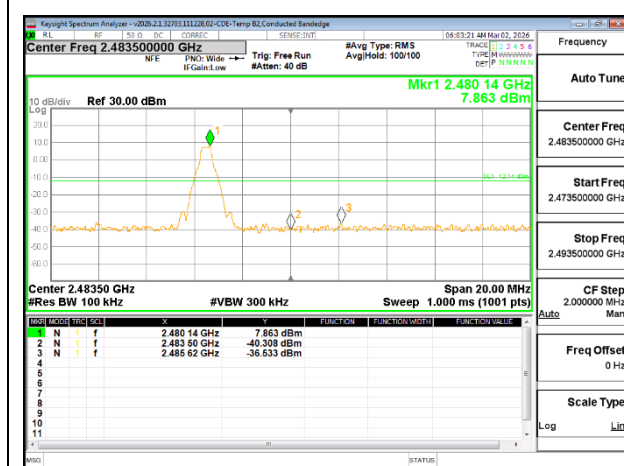
LOW CHANNEL OUT-OF-BAND



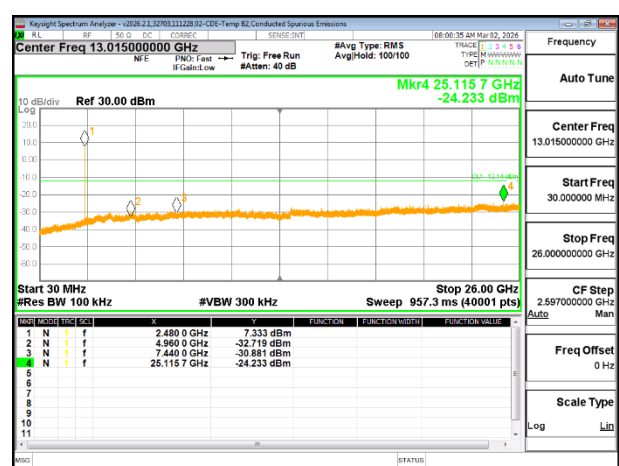
IN-BAND REFERENCE LEVEL



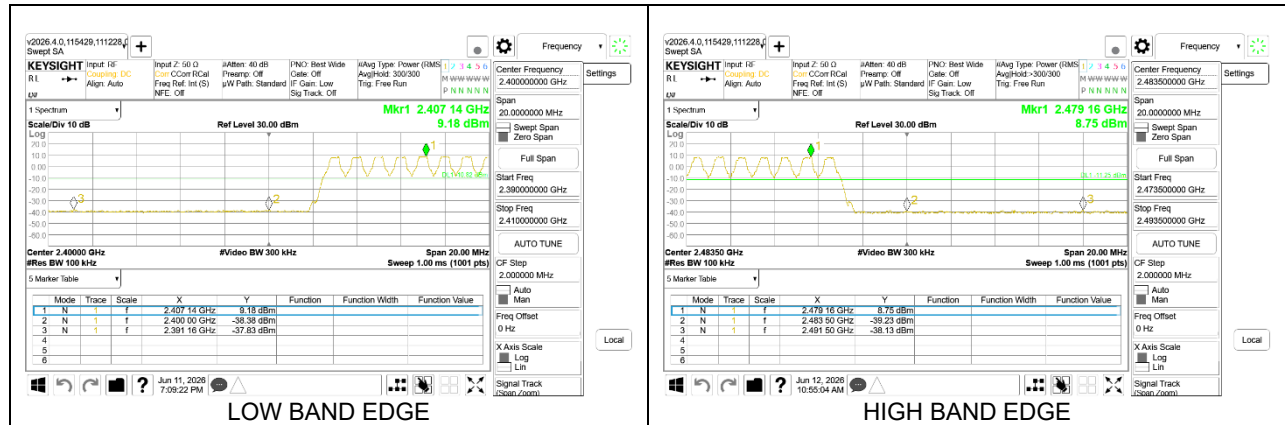
MID CHANNEL OUT-OF-BAND



HIGH CHANNEL BAND EDGE

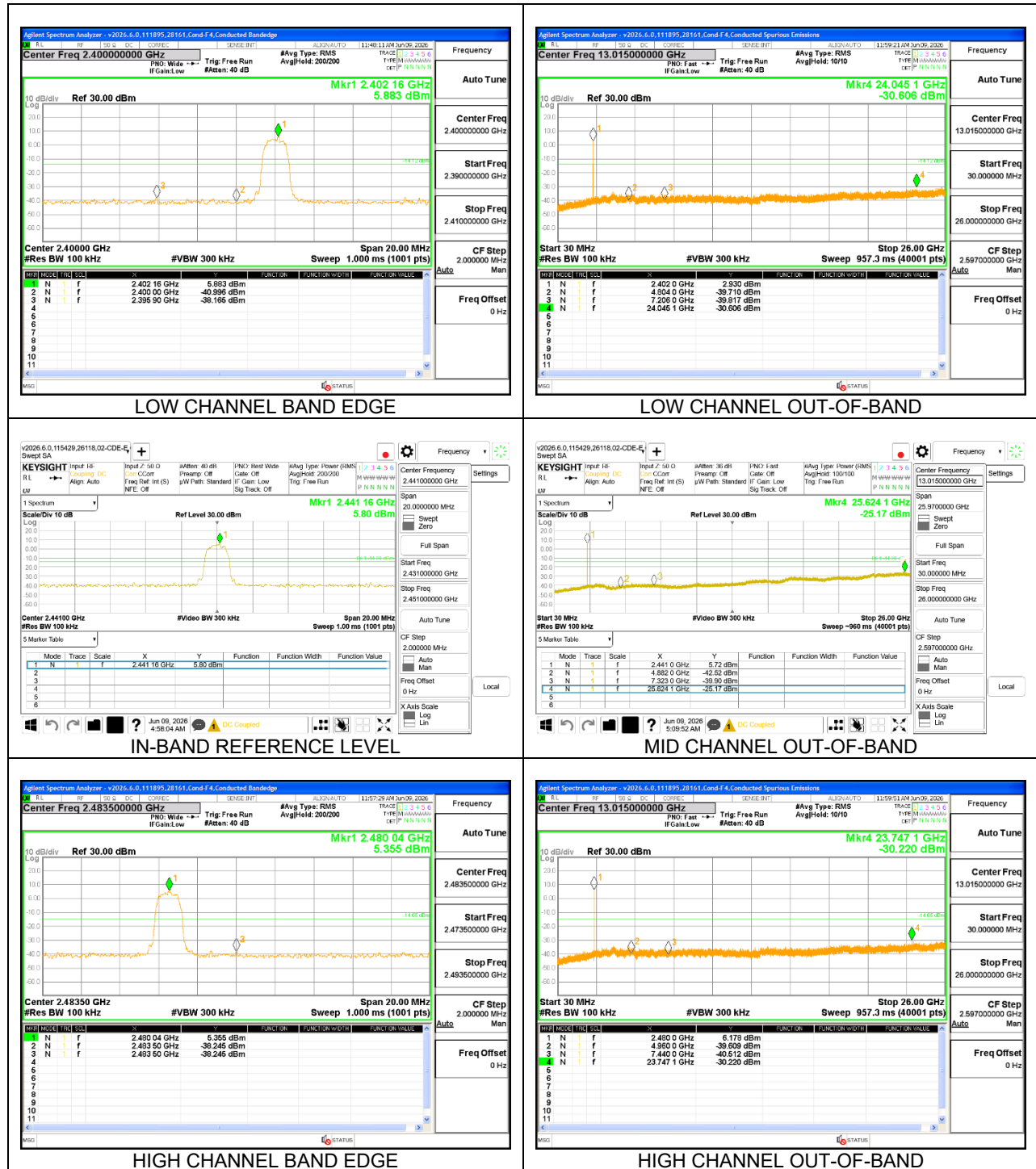


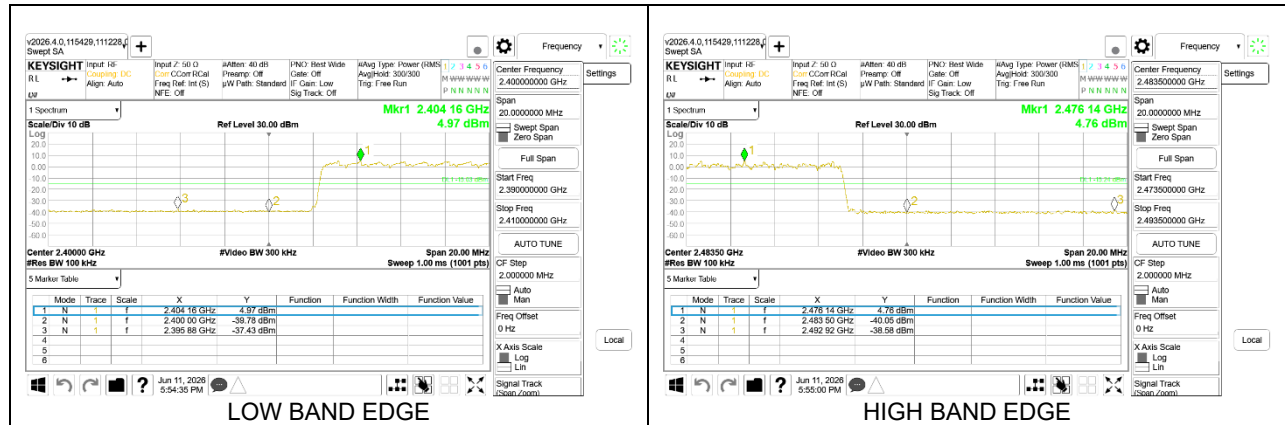
HIGH CHANNEL OUT-OF-BAND

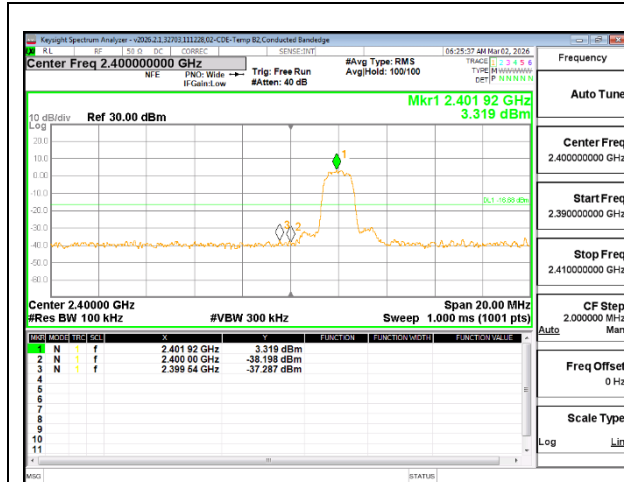


8.8.8. EDR (8PSK) – LOW POWER – SISO

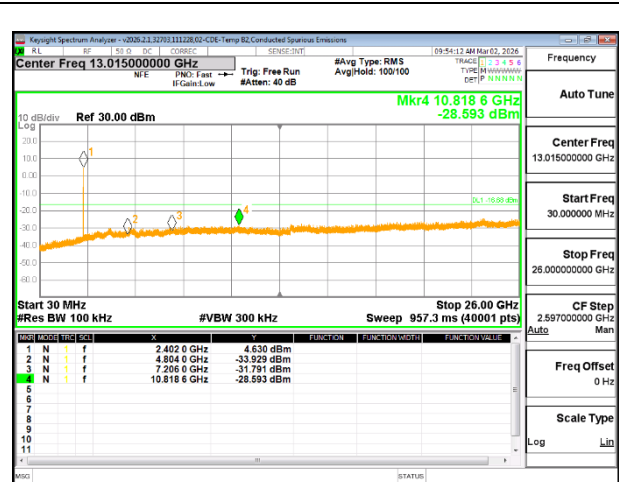
ANT 4 (NON-HOPPING)



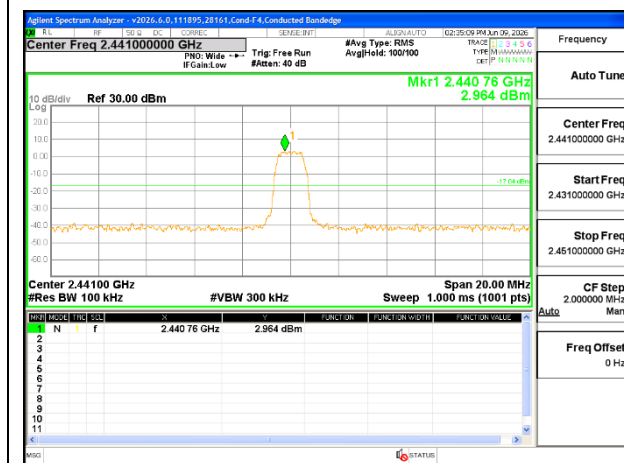


ANT 3 (NON-HOPPING)

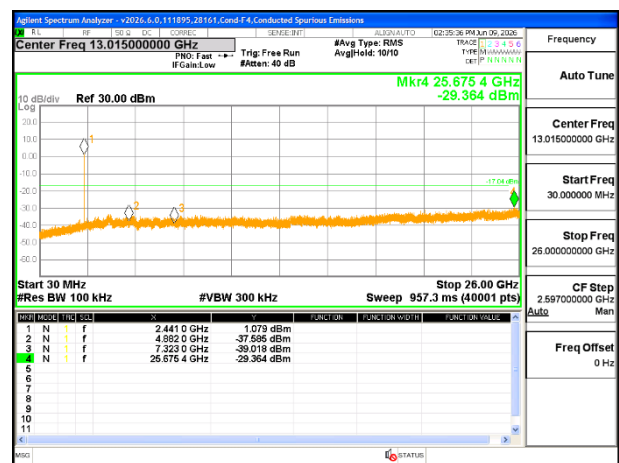
LOW CHANNEL BAND EDGE



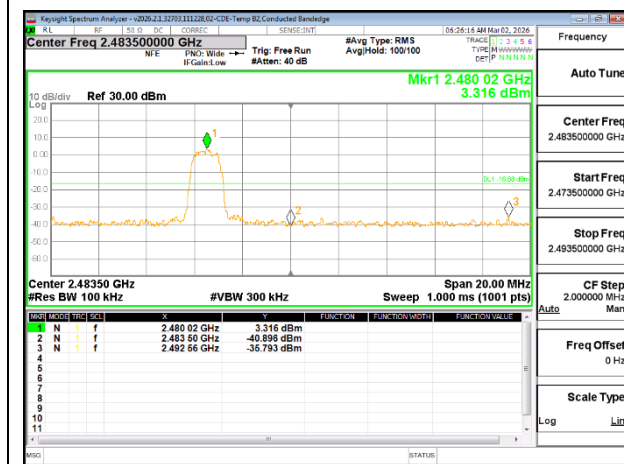
LOW CHANNEL OUT-OF-BAND



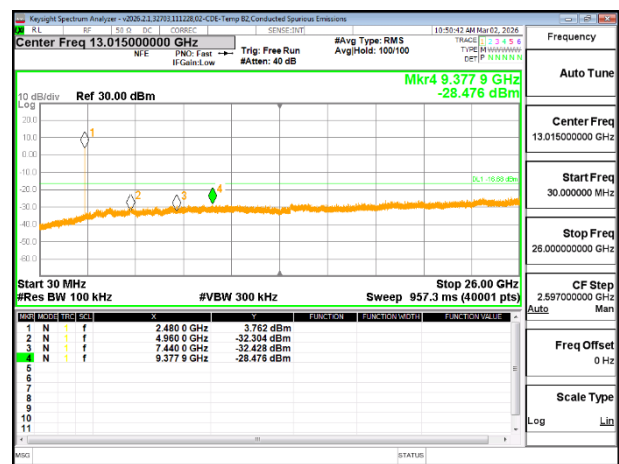
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



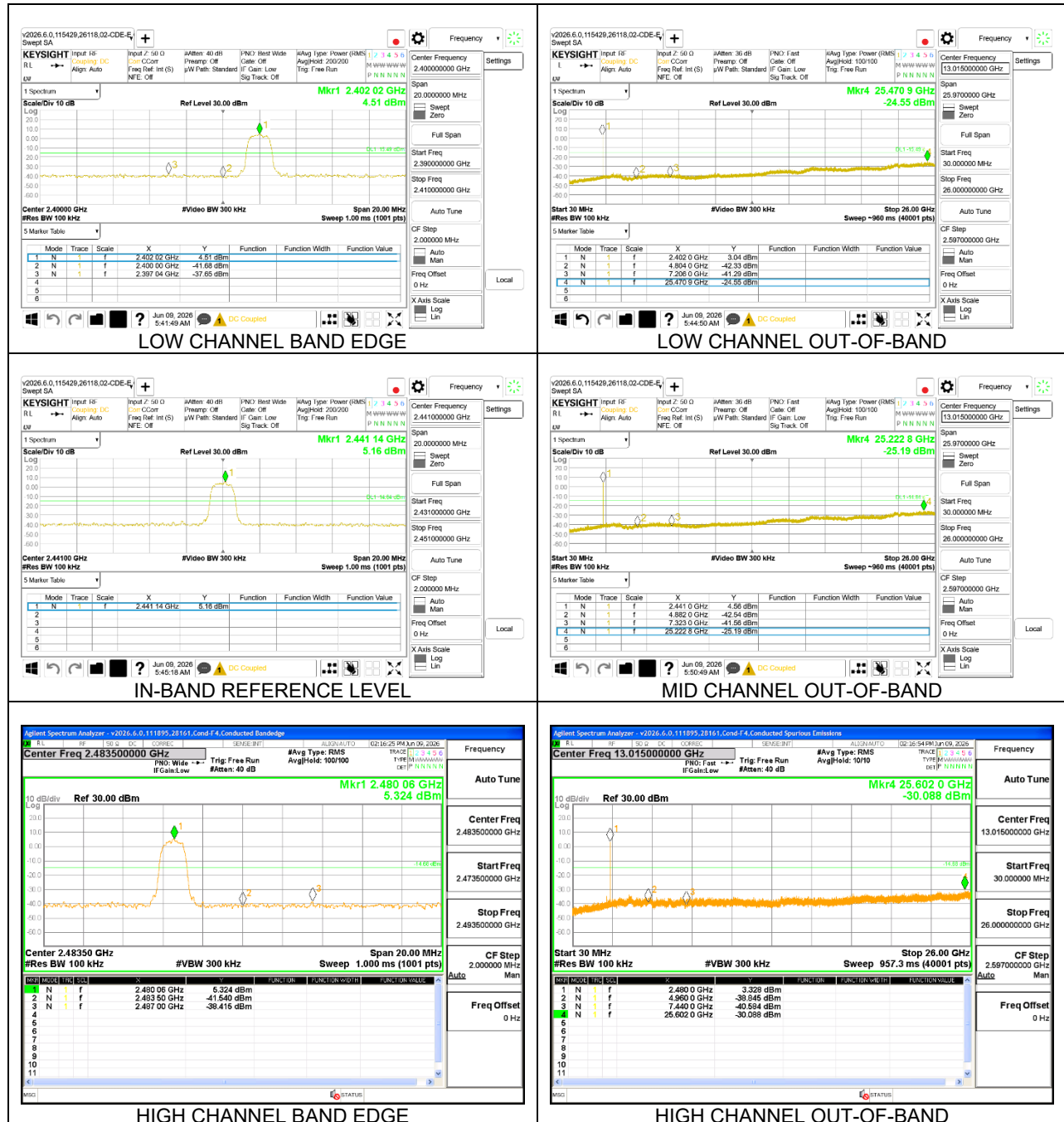
HIGH CHANNEL BAND EDGE

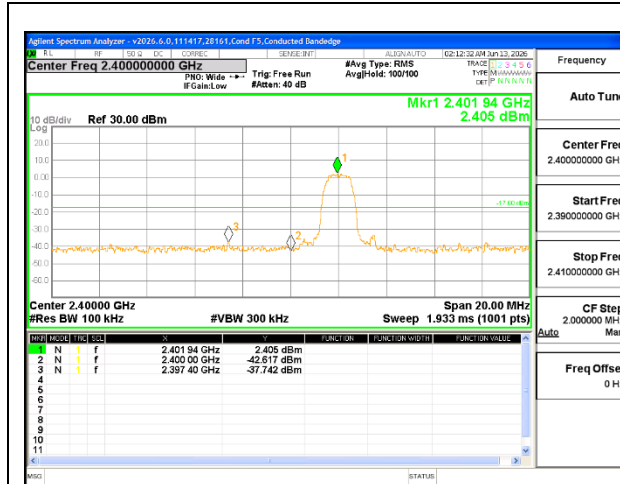


HIGH CHANNEL OUT-OF-BAND

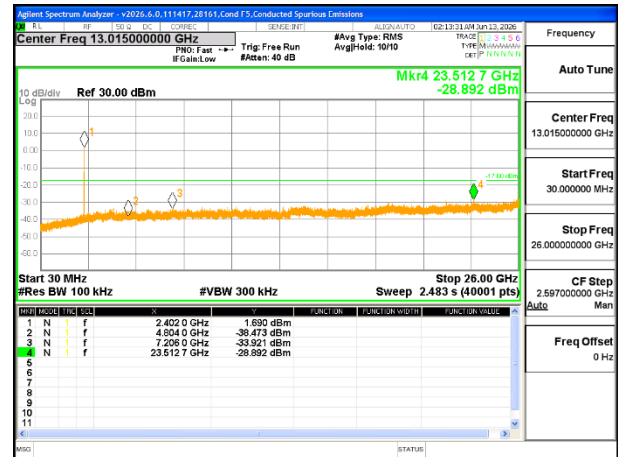
8.8.9. EDR (8PSK) – LOW POWER – MIMO TXBF

ANT 4 (NON-HOPPING)

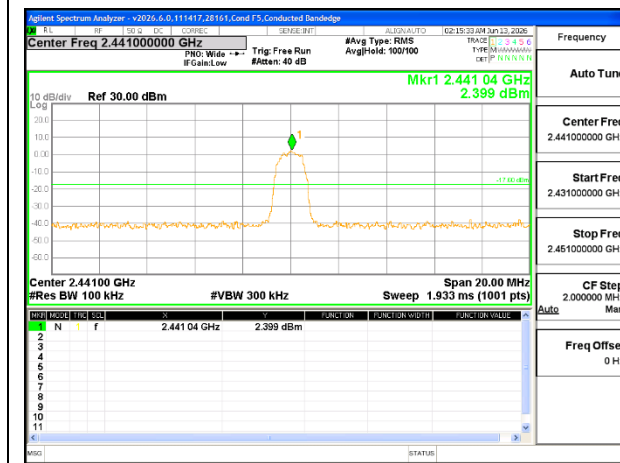


ANT 3 (NON-HOPPING)

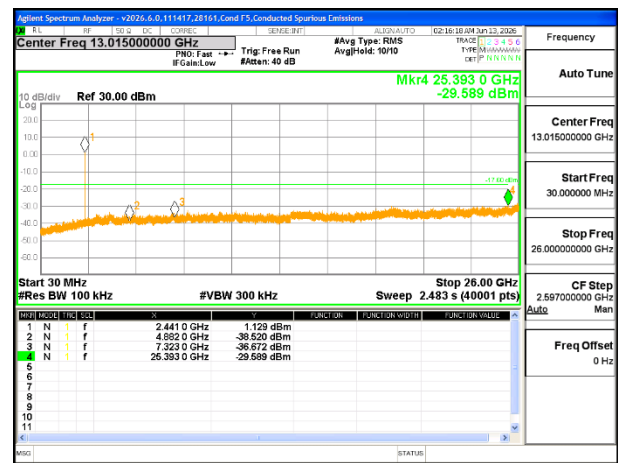
LOW CHANNEL BAND EDGE



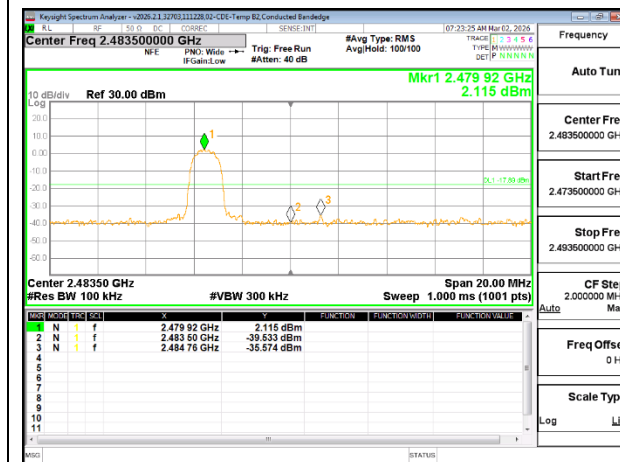
LOW CHANNEL OUT-OF-BAND



IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



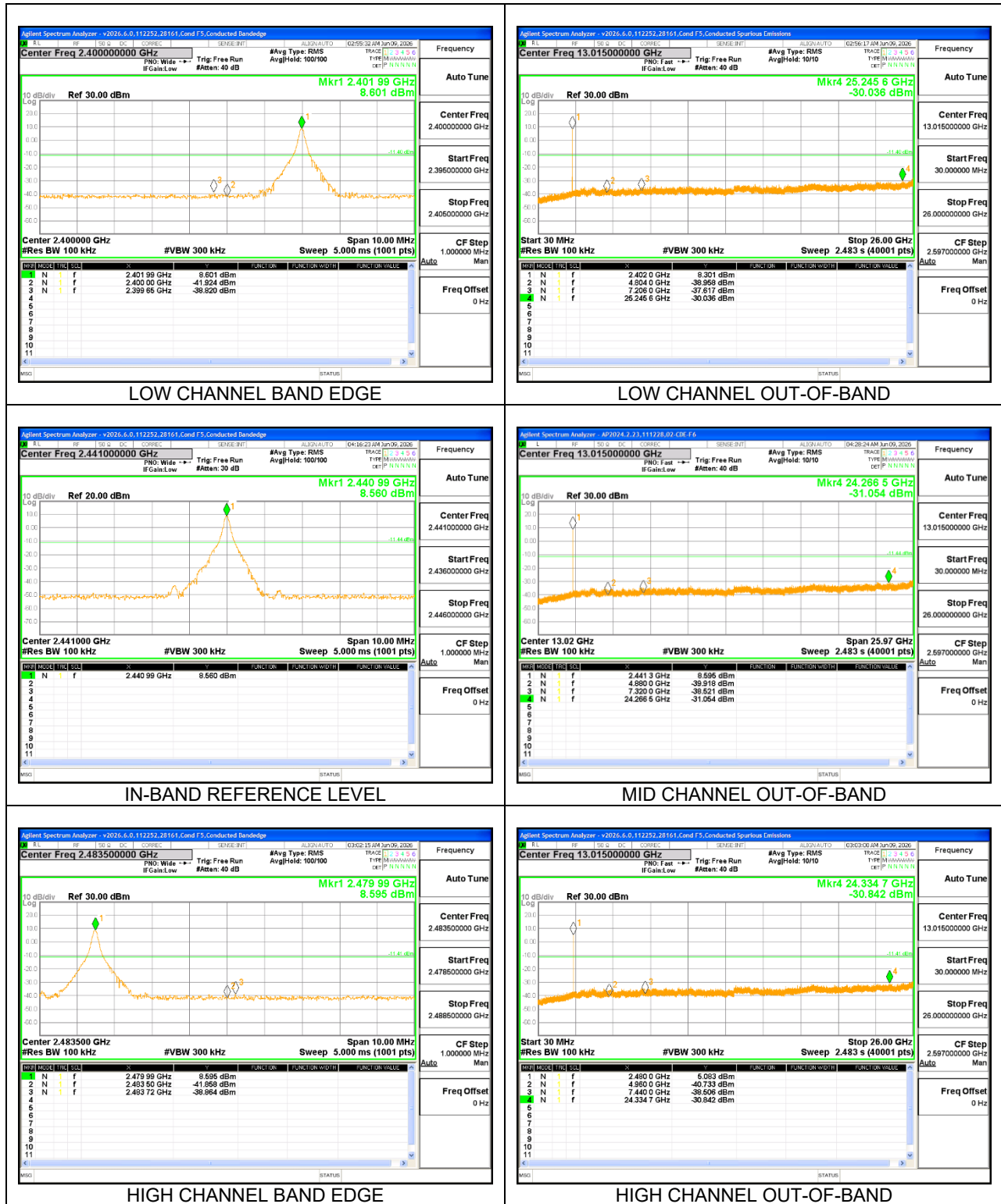
HIGH CHANNEL BAND EDGE



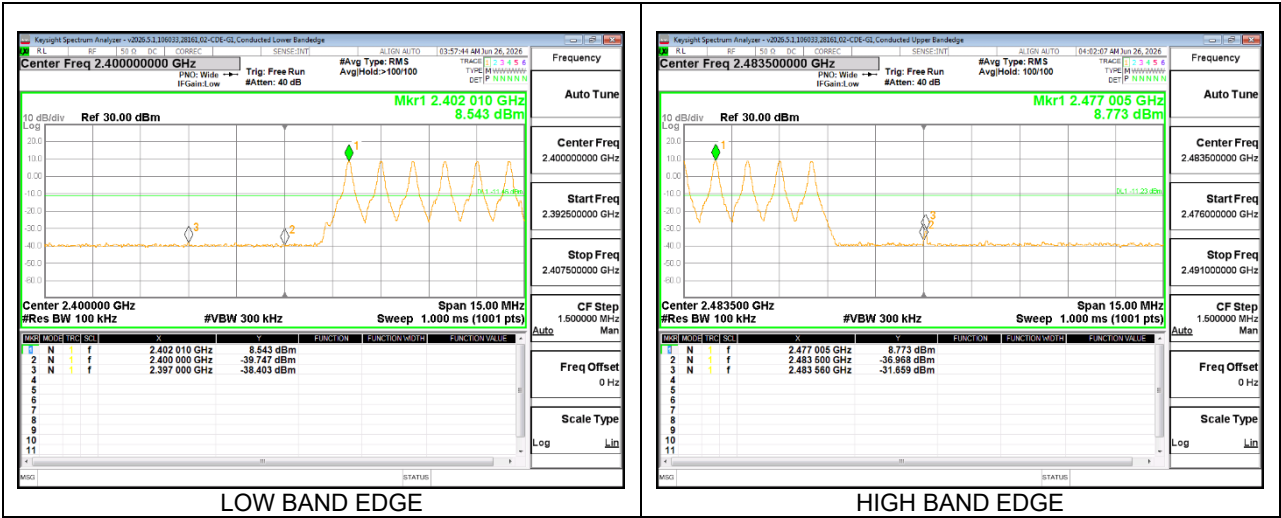
HIGH CHANNEL OUT-OF-BAND

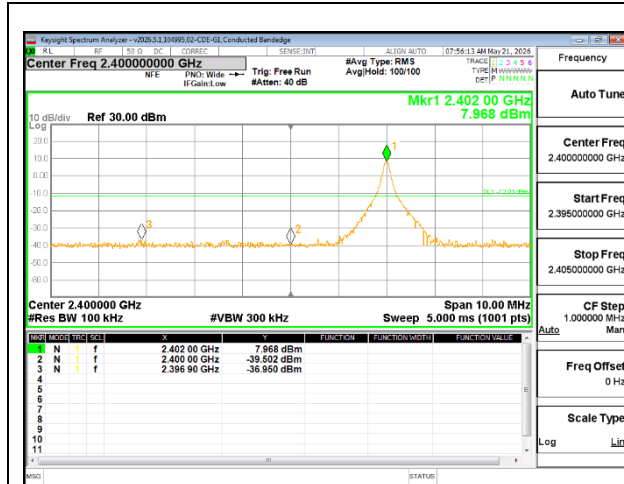
8.8.10. BTCSM2 – LOW POWER – SISO

ANT 4 (NON-HOPPING)

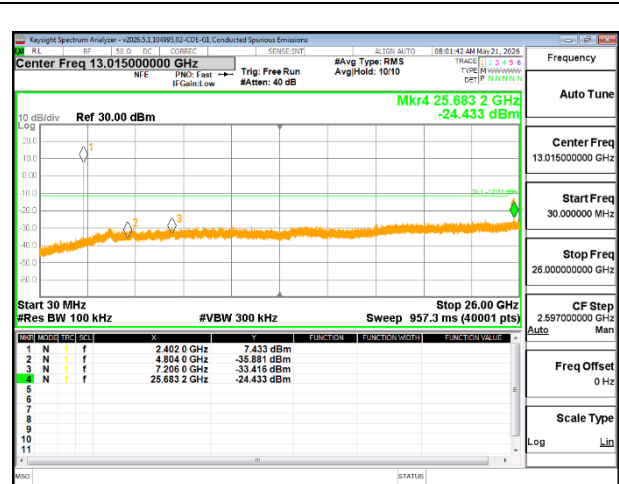


ANT 4 (HOPPING)

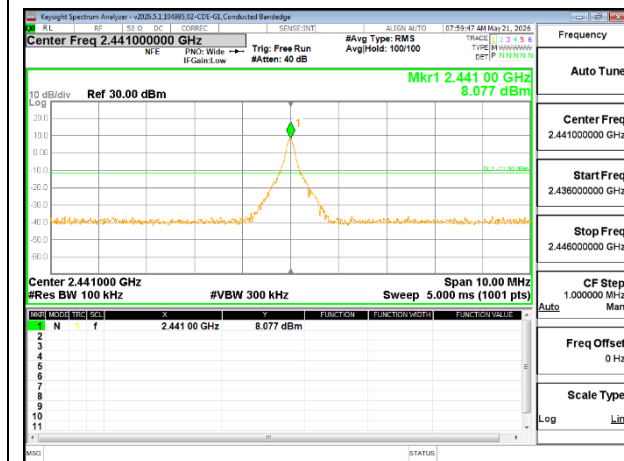


ANT 3 (NON-HOPPING)

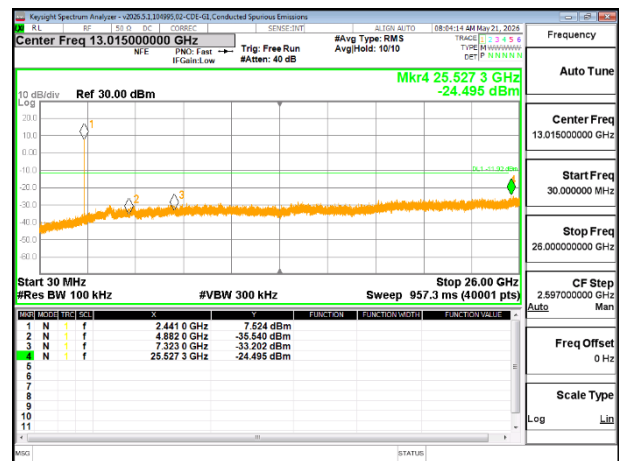
LOW CHANNEL BAND EDGE



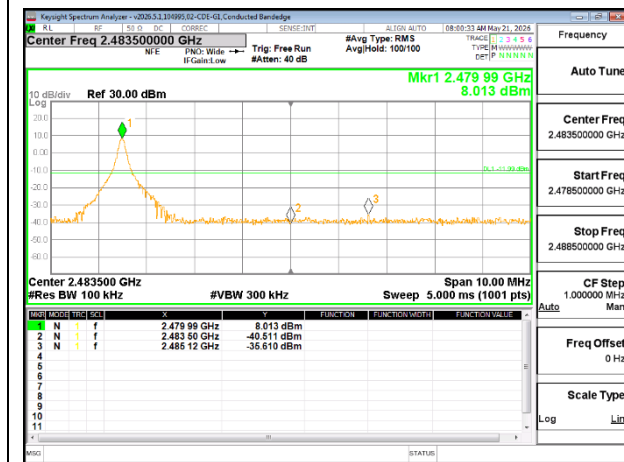
LOW CHANNEL OUT-OF-BAND



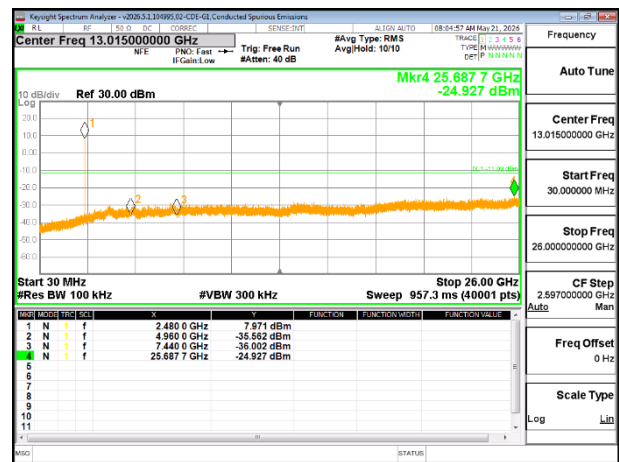
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND

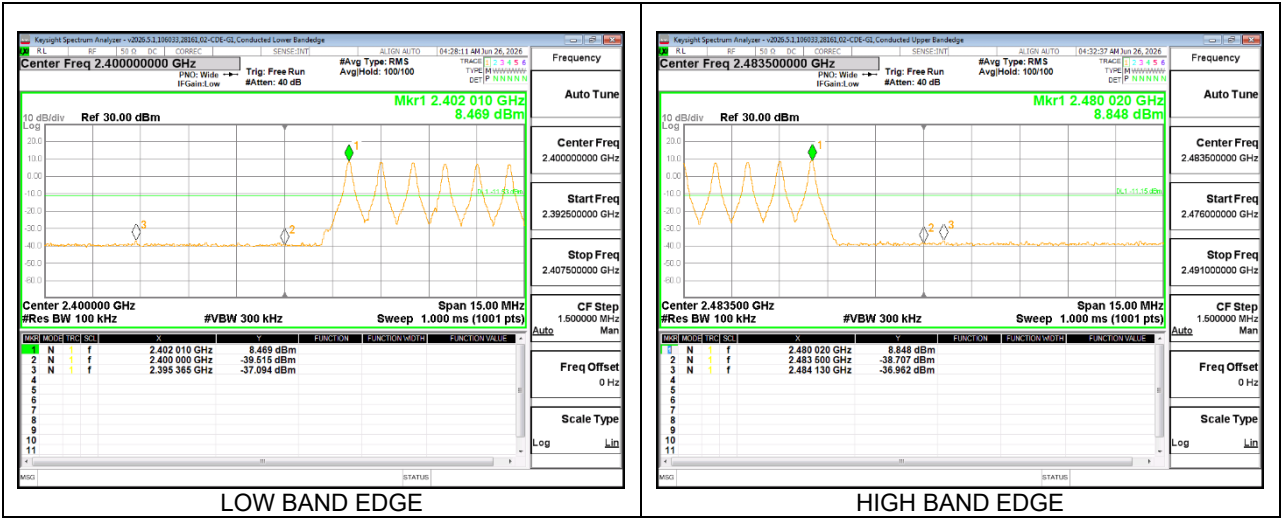


HIGH CHANNEL BAND EDGE



HIGH CHANNEL OUT-OF-BAND

ANT 3 (HOPPING)



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 for different bandwidths and antennas.

9.1. TRANSMITTER ABOVE 1 GHz

STATE A

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)	DCCF (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	59.51	Pk	32.2	-38.9	0	52.81	-	-	74	-21.19	136	312	H
			* 2.386201	62.24	Pk	32.2	-38.9	0	55.54	-	-	74	-18.46	136	312	H
			* 2.39	47.12	VA1T	32.2	-38.9	0	40.42	54	-13.58	-	-	136	312	H
			* 2.38968	47.81	VA1T	32.2	-38.9	0	41.11	54	-12.89	-	-	136	312	H
			* 2.39	61.51	Pk	32.2	-38.9	0	54.81	-	-	74	-19.19	134	313	V
			* 2.326259	62.66	Pk	31.9	-39	0	55.56	-	-	74	-18.44	134	313	V
		3	* 2.39	47.27	VA1T	32.2	-38.9	0	40.57	54	-13.43	-	-	134	313	V
			* 2.382605	47.82	VA1T	32.2	-38.9	0	41.12	54	-12.88	-	-	134	313	V
			* 2.39	60.56	Pk	32.2	-38.9	0	53.86	-	-	74	-20.14	80	163	H
			* 2.338355	62.49	Pk	32	-39	0	55.49	-	-	74	-18.51	80	163	H
			* 2.39	47.65	VA1T	32.2	-38.9	0	40.95	54	-13.05	-	-	80	163	H
			* 2.367496	47.96	VA1T	32.1	-39	0	41.06	54	-12.94	-	-	80	163	H
			* 2.39	59.88	Pk	32.2	-38.9	0	53.18	-	-	74	-20.82	7	293	V
			* 2.348006	62.86	Pk	32	-39	0	55.86	-	-	74	-18.14	7	293	V
			* 2.39	47.47	VA1T	32.2	-38.9	0	40.77	54	-13.23	-	-	7	293	V
			* 2.38719	47.82	VA1T	32.2	-38.9	0	41.12	54	-12.88	-	-	7	293	V
EDR (8PSK)	2402	4	* 2.39	60.1	Pk	32.2	-38.9	0	53.4	-	-	74	-20.6	138	320	H
			* 2.386215	62.37	Pk	32.2	-38.9	0	55.67	-	-	74	-18.33	138	320	H
			* 2.39	47.28	VA1T	32.2	-38.9	0	40.58	54	-13.42	-	-	138	320	H
			* 2.389767	47.8	VA1T	32.2	-38.9	0	41.1	54	-12.9	-	-	138	320	H
			* 2.39	59.95	Pk	32.2	-38.9	0	53.25	-	-	74	-20.75	134	314	V
			* 2.383886	62.57	Pk	32.2	-38.9	0	55.87	-	-	74	-18.13	134	314	V
		3	* 2.39	47.23	VA1T	32.2	-38.9	0	40.53	54	-13.47	-	-	134	314	V
			* 2.384177	47.91	VA1T	32.2	-38.9	0	41.21	54	-12.79	-	-	134	314	V
			* 2.39	60.77	Pk	32.2	-38.9	0	54.07	-	-	74	-19.93	85	217	H
			* 2.379869	62.54	Pk	32.1	-38.9	0	55.74	-	-	74	-18.26	85	217	H
			* 2.39	47.49	VA1T	32.2	-38.9	0	40.79	54	-13.21	-	-	85	217	H
			* 2.387627	47.91	VA1T	32.2	-38.9	0	41.21	54	-12.79	-	-	85	217	H
			* 2.39	60.45	Pk	32.2	-38.9	0	53.75	-	-	74	-20.25	12	292	V
			* 2.386084	62.36	Pk	32.2	-38.9	0	55.66	-	-	74	-18.34	12	292	V
			* 2.39	47.37	VA1T	32.2	-38.9	0	40.67	54	-13.33	-	-	12	292	V
			* 2.363493	48	VA1T	32.1	-39	0	41.1	54	-12.9	-	-	12	292	V
BTCSM2	2402	4	* 2.39	59.45	Pk	32.2	-38.9	0	52.75	-	-	74	-21.25	135	400	H
			* 2.343595	62.94	Pk	32	-39	0	55.94	-	-	74	-18.06	135	400	H
			* 2.39	48.04	VA1T	32.2	-38.9	0	41.34	54	-12.66	-	-	135	400	H
			* 2.375327	52.05	VA1T	32.1	-39	0	45.15	54	-8.85	-	-	135	400	H
			* 2.39	59.89	Pk	32.2	-38.9	0	53.19	-	-	74	-20.81	23	249	V
			* 2.351412	62.24	Pk	32	-39	0	55.24	-	-	74	-18.76	23	249	V
		3	* 2.39	48.2	VA1T	32.2	-38.9	0	41.5	54	-12.5	-	-	23	249	V
			* 2.364701	51.45	VA1T	32.1	-39	0	44.55	54	-9.45	-	-	23	249	V
			* 2.39	59.11	Pk	32.1	-34.83	0	56.38	-	-	74	-17.62	178	214	H
			* 2.388733	62.75	Pk	32.1	-34.84	0	60.01	-	-	74	-13.99	178	214	H
			* 2.39	46.67	VA1T	32.1	-34.83	0	43.94	54	-10.06	-	-	178	214	H
			* 2.347307	51.09	VA1T	31.7	-34.88	0	47.91	54	-6.09	-	-	178	214	H
			* 2.39	59.42	Pk	32.1	-34.83	0	56.69	-	-	74	-17.31	112	293	V
			* 2.379927	62	Pk	31.9	-34.8	0	59.1	-	-	74	-14.9	112	293	V
			* 2.39	47.13	VA1T	32.1	-34.83	0	44.4	54	-9.6	-	-	112	293	V
			* 2.385458	50.75	VA1T	32	-34.81	0	47.94	54	-6.06	-	-	112	293	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/Cbl/ Rtr/Pad (dB)	DCCF (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	60.05	Pk	32.2	-38.9	0	53.35	-	-	74	-20.65	33	134	H
			* 2.372824	62.34	Pk	32.1	-39	0	55.44	-	-	74	-18.56	33	134	H
			* 2.39	47.65	VA1T	32.2	-38.9	0	40.95	54	-13.05	-	-	33	134	H
			* 2.389578	47.79	VA1T	32.2	-38.9	0	41.09	54	-12.91	-	-	33	134	H
			* 2.39	60.48	Pk	32.2	-38.9	0	53.78	-	-	74	-20.22	285	101	V
			* 2.361747	62.51	Pk	32.1	-39	0	55.61	-	-	74	-18.39	285	101	V
			* 2.39	47.41	VA1T	32.2	-38.9	0	40.71	54	-13.29	-	-	285	101	V
			* 2.387671	47.9	VA1T	32.2	-38.9	0	41.2	54	-12.8	-	-	285	101	V
EDR (8PSK)	2402	4+3	* 2.39	60.41	Pk	32.2	-38.9	0	53.71	-	-	74	-20.29	27	179	H
			* 2.386594	62.47	Pk	32.2	-38.9	0	55.77	-	-	74	-18.23	27	179	H
			* 2.39	47.69	VA1T	32.2	-38.9	0	40.99	54	-13.01	-	-	27	179	H
			* 2.386696	47.9	VA1T	32.2	-38.9	0	41.2	54	-12.8	-	-	27	179	H
			* 2.39	60.71	Pk	32.2	-38.9	0	54.01	-	-	74	-19.99	284	128	V
			* 2.386958	62.86	Pk	32.2	-38.9	0	56.16	-	-	74	-17.84	284	128	V
			* 2.39	47.68	VA1T	32.2	-38.9	0	40.98	54	-13.02	-	-	284	128	V
			* 2.38869	47.89	VA1T	32.2	-39	0	41.09	54	-12.91	-	-	284	128	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)	DCCF (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	60.6	Pk	32.2	-38.9	0	53.9	-	-	74	-20.1	134	312	H
			* 2.357234	62.6	Pk	32	-39	0	55.6	-	-	74	-18.4	134	312	H
			* 2.39	47.52	VA1T	32.2	-38.9	0	40.82	54	-13.18	-	-	134	312	H
			* 2.388981	47.82	VA1T	32.2	-39	0	41.02	54	-12.98	-	-	134	312	H
			* 2.39	59.61	Pk	32.2	-38.9	0	52.91	-	-	74	-21.09	134	313	V
			* 2.385386	62.5	Pk	32.2	-38.9	0	55.8	-	-	74	-18.2	134	313	V
		3	* 2.39	47.57	VA1T	32.2	-38.9	0	40.87	54	-13.13	-	-	134	313	V
			* 2.388049	47.73	VA1T	32.2	-38.9	0	41.03	54	-12.97	-	-	134	313	V
			* 2.39	59.82	Pk	32.2	-38.9	0	53.12	-	-	74	-20.88	84	163	H
			* 2.342518	63.06	Pk	32	-39	0	56.06	-	-	74	-17.94	84	163	H
			* 2.39	47.74	VA1T	32.2	-38.9	0	41.04	54	-12.96	-	-	84	163	H
			* 2.384046	47.88	VA1T	32.2	-38.9	0	41.18	54	-12.82	-	-	84	163	H
			* 2.39	60	Pk	32.2	-38.9	0	53.3	-	-	74	-20.7	22	293	V
			* 2.389112	62.45	Pk	32.2	-39	0	55.65	-	-	74	-18.35	22	293	V
			* 2.39	47.27	VA1T	32.2	-38.9	0	40.57	54	-13.43	-	-	22	293	V
			* 2.387336	47.76	VA1T	32.2	-38.9	0	41.06	54	-12.94	-	-	22	293	V
EDR (8PSK)	2402	4	* 2.39	60.55	Pk	32.2	-38.9	0	53.85	-	-	74	-20.15	138	225	H
			* 2.368995	62.55	Pk	32.1	-39	0	55.65	-	-	74	-18.35	138	225	H
			* 2.39	47.13	VA1T	32.2	-38.9	0	40.43	54	-13.57	-	-	138	225	H
			* 2.383246	47.83	VA1T	32.2	-38.9	0	41.13	54	-12.87	-	-	138	225	H
			* 2.39	59.39	Pk	32.2	-38.9	0	52.69	-	-	74	-21.31	134	312	V
			* 2.323654	62.85	Pk	31.9	-39.1	0	55.65	-	-	74	-18.35	134	312	V
		3	* 2.39	47.57	VA1T	32.2	-38.9	0	40.87	54	-13.13	-	-	134	312	V
			* 2.381834	47.75	VA1T	32.2	-38.9	0	41.05	54	-12.95	-	-	134	312	V
			* 2.39	60.66	Pk	32.2	-38.9	0	53.96	-	-	74	-20.04	79	165	H
			* 2.388166	62.04	Pk	32.2	-38.9	0	55.34	-	-	74	-18.66	79	165	H
			* 2.39	47.55	VA1T	32.2	-38.9	0	40.85	54	-13.15	-	-	79	165	H
			* 2.389883	47.71	VA1T	32.2	-38.9	0	41.01	54	-12.99	-	-	79	165	H
			* 2.39	60.4	Pk	32.2	-38.9	0	53.7	-	-	74	-20.3	23	295	V
			* 2.344017	62.37	Pk	32	-39	0	55.37	-	-	74	-18.63	23	295	V
			* 2.39	47.7	VA1T	32.2	-38.9	0	41	54	-13	-	-	23	295	V
			* 2.39	47.7	VA1T	32.2	-38.9	0	41	54	-13	-	-	23	295	V
BTCSM2	2402	4	* 2.39	59.97	Pk	32.2	-38.9	0	53.27	-	-	74	-20.73	132	313	H
			* 2.386288	62.38	Pk	32.2	-38.9	0	55.68	-	-	74	-18.32	132	313	H
			* 2.39	46.11	VA1T	32.2	-38.9	0	39.41	54	-14.59	-	-	132	313	H
			* 2.335677	51.99	VA1T	32	-39.1	0	44.89	54	-9.11	-	-	132	313	H
			* 2.39	59.88	Pk	32.2	-38.9	0	53.18	-	-	74	-20.82	27	251	V
			* 2.365487	62.68	Pk	32.1	-39	0	55.78	-	-	74	-18.22	27	251	V
		3	* 2.39	48.65	VA1T	32.2	-38.9	0	41.95	54	-12.05	-	-	27	251	V
			* 2.366448	51.65	VA1T	32.1	-38.9	0	44.85	54	-9.15	-	-	27	251	V
			* 2.39	59.57	Pk	32.1	-34.83	0	56.84	-	-	74	-17.16	176	275	H
			* 2.374105	62.84	Pk	31.8	-34.86	0	59.78	-	-	74	-14.22	176	275	H
			* 2.39	46.97	VA1T	32.1	-34.83	0	44.24	54	-9.76	-	-	176	275	H
			* 2.379403	50.94	VA1T	31.9	-34.8	0	48.04	54	-5.96	-	-	176	275	H
			* 2.39	59.76	Pk	32.1	-34.83	0	57.03	-	-	74	-16.97	113	293	V
			* 2.377613	62.17	Pk	31.9	-34.83	0	59.24	-	-	74	-14.76	113	293	V
			* 2.39	47.84	VA1T	32.1	-34.83	0	45.11	54	-8.89	-	-	113	293	V
			* 2.360902	51.36	VA1T	31.7	-34.9	0	48.16	54	-5.84	-	-	113	293	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/ Rtr/Pad (dB)	DCCF (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	60.16	Pk	32.2	-38.9	0	53.46	-	-	74	-20.54	32	116	H
			* 2.377409	62.52	Pk	32.1	-39	0	55.62	-	-	74	-18.38	32	116	H
			* 2.39	47.62	VA1T	32.2	-38.9	0	40.92	54	-13.08	-	-	32	116	H
			* 2.384279	47.87	VA1T	32.2	-38.9	0	41.17	54	-12.83	-	-	32	116	H
			* 2.39	60.97	Pk	32.2	-38.9	0	54.27	-	-	74	-19.73	283	127	V
			* 2.382867	62.84	Pk	32.2	-38.9	0	56.14	-	-	74	-17.86	283	127	V
			* 2.39	47.63	VA1T	32.2	-38.9	0	40.93	54	-13.07	-	-	283	127	V
			* 2.381557	47.75	VA1T	32.2	-38.9	0	41.05	54	-12.95	-	-	283	127	V
			* 2.39	60.36	Pk	32.2	-38.9	0	53.66	-	-	74	-20.34	31	136	H
			* 2.388297	62.64	Pk	32.2	-38.9	0	55.94	-	-	74	-18.06	31	136	H
EDR (8PSK)	2402	4+3	* 2.39	47.64	VA1T	32.2	-38.9	0	40.94	54	-13.06	-	-	31	136	H
			* 2.388952	47.87	VA1T	32.2	-39	0	41.07	54	-12.93	-	-	31	136	H
			* 2.39	60.37	Pk	32.2	-38.9	0	53.67	-	-	74	-20.33	283	128	V
			* 2.322824	63.2	Pk	31.9	-39.1	0	56	-	-	74	-18	283	128	V
			* 2.39	47.31	VA1T	32.2	-38.9	0	40.61	54	-13.39	-	-	283	128	V
			* 2.366244	47.86	VA1T	32.1	-38.9	0	41.06	54	-12.94	-	-	283	128	V

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

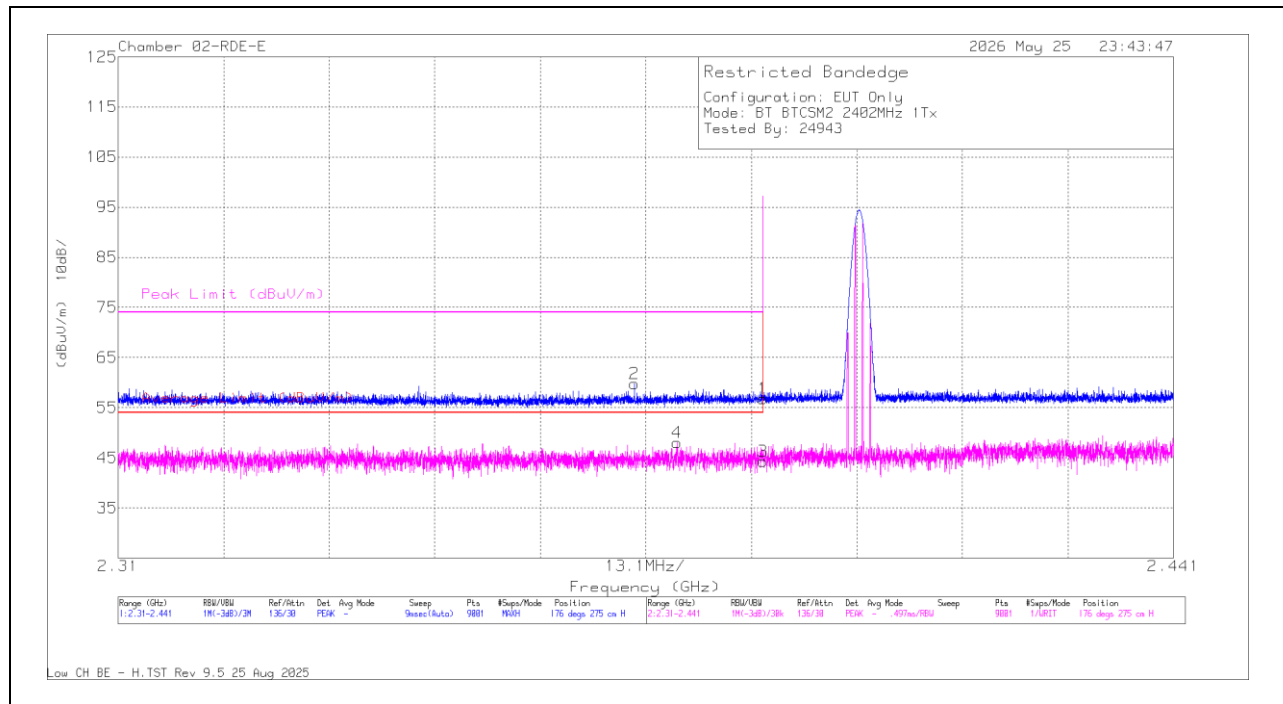
Pk - Peak detector

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

9.1.5. LOW BAND EDGE – WORST-CASE

BTCSM2 / 2402 MHz / LOW POWER / SISO ANT 3

HORIZONTAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 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	* 2.39	59.57	Pk	32.1	-34.83	56.84	-	-	74	-17.16	176	275	H
2	* 2.374105	62.84	Pk	31.8	-34.86	59.78	-	-	74	-14.22	176	275	H
3	* 2.39	46.97	VA1T	32.1	-34.83	44.24	54	-9.76	-	-	176	275	H
4	* 2.379403	50.94	VA1T	31.9	-34.8	48.04	54	-5.96	-	-	176	275	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

Chamber 02-RDE-E

2026 May 25 23:55:15

Restricted Bandedge

Configuration: EUT Only

Mode: BT BTCSM2 2482MHz 1Tx

Tested By: 24943

Peak Limit (dBm)

10dB/

125

115

105

95

85

75

65

55

45

35

25

2.31

13.1MHz/

2.441

Range (GHz) 2.31-2.441

RBW/VBW 1Hz-3dB/20Hz

Ref/Antn 136/30

Det Avg Mode PWR -

Sweep 9sec/Auto

Pts 9801

#Spts/Mode 1000

Position 113 degs 203 on U

Range (GHz) 2.31-2.441

RBW/VBW 1Hz-3dB/20Hz

Ref/Antn 136/30

Det Avg Mode PWR -

Sweep 9sec/Auto

Pts 9801

#Spts/Mode 1000

Position 113 degs 203 on U

Low CH BE - U.TST Rev 9.5 25 Aug 2025

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 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	* 2.39	59.76	Pk	32.1	-34.83	57.03	-	-	74	-16.97	113	293	V
2	* 2.377613	62.17	Pk	31.9	-34.83	59.24	-	-	74	-14.76	113	293	V
3	* 2.39	47.84	VA1T	32.1	-34.83	45.11	54	-8.89	-	-	113	293	V
4	* 2.360902	51.36	VA1T	31.7	-34.9	48.16	54	-5.84	-	-	113	293	V

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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)	DCCF (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	61.43	Pk	32.2	-38.7	0	54.93	-	-	74	-19.07	129	333	H
			2.541857	63	Pk	32.3	-38.5	0	56.8	-	-	-	-	129	333	H
			* 2.4835	47.91	VA1T	32.2	-38.7	0	41.41	54	-12.59	-	-	129	333	H
			* 2.48404	48.19	VA1T	32.2	-38.7	0	41.69	54	-12.31	-	-	129	333	H
			* 2.4835	60.78	Pk	32.2	-38.7	0	54.28	-	-	74	-19.72	132	333	V
			2.520858	62.87	Pk	32.3	-38.5	0	56.67	-	-	-	-	132	333	V
			* 2.4835	47.45	VA1T	32.2	-38.7	0	40.95	54	-13.05	-	-	132	333	V
			2.562963	47.85	VA1T	32.4	-38.4	0	41.85	54	-12.15	-	-	132	333	V
		3	* 2.4835	61.01	Pk	32.2	-38.7	0	54.51	-	-	74	-19.49	81	178	H
			2.540447	62.66	Pk	32.3	-38.5	0	56.46	-	-	-	-	81	178	H
			* 2.4835	48.55	VA1T	32.2	-38.7	0	42.05	54	-11.95	-	-	81	178	H
			* 2.483634	48.57	VA1T	32.2	-38.7	0	42.07	54	-11.93	-	-	81	178	H
			* 2.4835	60.18	Pk	32.2	-38.7	0	53.68	-	-	74	-20.32	14	305	V
			2.504862	62.94	Pk	32.2	-38.6	0	56.54	-	-	-	-	14	305	V
			* 2.4835	47.94	VA1T	32.2	-38.7	0	41.44	54	-12.56	-	-	14	305	V
			* 2.483593	48.17	VA1T	32.2	-38.7	0	41.67	54	-12.33	-	-	14	305	V
EDR (8PSK)	2480	4	* 2.4835	75.44	Pk	32.2	-38.7	0	68.94	-	-	74	-5.06	135	338	H
			* 2.483512	75.51	Pk	32.2	-38.7	0	69.01	-	-	74	-4.99	135	338	H
			* 2.4835	50.29	VA1T	32.2	-38.7	0	43.79	54	-10.21	-	-	135	338	H
			* 2.48381	52.73	VA1T	32.2	-38.7	0	46.23	54	-7.77	-	-	135	338	H
			* 2.4835	70.51	Pk	32.2	-38.7	0	64.01	-	-	74	-9.99	141	241	V
			* 2.483512	70.72	Pk	32.2	-38.7	0	64.22	-	-	74	-9.78	141	241	V
			* 2.4835	47.62	VA1T	32.2	-38.7	0	41.12	54	-12.88	-	-	141	241	V
			* 2.483742	50.18	VA1T	32.2	-38.7	0	43.68	54	-10.32	-	-	141	241	V
		3	* 2.4835	72.97	Pk	32.2	-38.7	0	66.47	-	-	74	-7.53	79	179	H
			* 2.483512	72.59	Pk	32.2	-38.7	0	66.09	-	-	74	-7.91	79	179	H
			* 2.4835	51.29	VA1T	32.2	-38.7	0	44.79	54	-9.21	-	-	79	179	H
			* 2.483539	51.6	VA1T	32.2	-38.7	0	45.1	54	-8.9	-	-	79	179	H
			* 2.4835	70.54	Pk	32.2	-38.7	0	64.04	-	-	74	-9.96	8	243	V
			* 2.483512	70.37	Pk	32.2	-38.7	0	63.87	-	-	74	-10.13	8	243	V
			* 2.4835	50.76	VA1T	32.2	-38.7	0	44.26	54	-9.74	-	-	8	243	V
			* 2.483579	50.9	VA1T	32.2	-38.7	0	44.4	54	-9.6	-	-	8	243	V
BTCSM2	2480	4	* 2.4835	63.44	Pk	32.2	-38.7	0	56.94	-	-	74	-17.06	144	339	H
			* 2.483539	64.72	Pk	32.2	-38.7	0	58.22	-	-	74	-15.78	144	339	H
			* 2.4835	48.47	VA1T	32.2	-38.7	0	41.97	54	-12.03	-	-	144	339	H
			2.562814	51.56	VA1T	32.4	-38.4	0	45.56	-	-	-	-	144	339	H
			* 2.4835	63.39	Pk	32.2	-38.7	0	56.89	-	-	74	-17.11	17	263	V
			2.556389	62.62	Pk	32.4	-38.4	0	56.62	-	-	-	-	17	263	V
			* 2.4835	47.47	VA1T	32.2	-38.7	0	40.97	54	-13.03	-	-	17	263	V
			2.530836	51.42	VA1T	32.3	-38.5	0	45.22	-	-	-	-	17	263	V
		3	* 2.4835	63.07	Pk	32.4	-36.91	0	58.56	-	-	74	-15.44	149	252	H
			* 2.483783	65.21	Pk	32.4	-36.9	0	60.71	-	-	74	-13.29	149	252	H
			* 2.4835	48.86	VA1T	32.4	-36.91	0	44.35	54	-9.65	-	-	149	252	H
			2.526186	52.03	VA1T	32.5	-36.87	0	47.66	-	-	-	-	149	252	H
			* 2.4835	61.37	Pk	32.4	-36.91	0	56.86	-	-	74	-17.14	94	334	V
			* 2.483959	62.16	Pk	32.4	-36.9	0	57.66	-	-	74	-16.34	94	334	V
			* 2.4835	49.87	VA1T	32.4	-36.91	0	45.36	54	-8.64	-	-	94	334	V
			2.548404	52.37	VA1T	32.4	-36.78	0	47.99	-	-	-	-	94	334	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/ Rtr/Pad (dB)	DCCF (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	61.2	Pk	32.2	-38.7	0	54.7	-	-	74	-19.3	35	115	H
			2.508631	62.26	Pk	32.2	-38.5	0	55.96	-	-	-	-	35	115	H
			* 2.4835	48.79	VA1T	32.2	-38.7	0	42.29	54	-11.71	-	-	35	115	H
			* 2.483579	48.79	VA1T	32.2	-38.7	0	42.29	54	-11.71	-	-	35	115	H
			* 2.4835	60.01	Pk	32.2	-38.7	0	53.51	-	-	74	-20.49	89	111	V
			2.547293	62.62	Pk	32.4	-38.5	0	56.52	-	-	-	-	89	111	V
			* 2.4835	47.63	VA1T	32.2	-38.7	0	41.13	54	-12.87	-	-	89	111	V
			2.562353	47.76	VA1T	32.4	-38.4	0	41.76	-	-	-	-	89	111	V
			* 2.4835	75.13	Pk	32.2	-38.7	0	68.63	-	-	74	-5.37	31	111	H
			* 2.483539	74.71	Pk	32.2	-38.7	0	68.21	-	-	74	-5.79	31	111	H
EDR (8PSK)	2480	4+3	* 2.4835	53.98	VA1T	32.2	-38.7	0	47.48	54	-6.52	-	-	31	111	H
			* 2.483512	53.8	VA1T	32.2	-38.7	0	47.3	54	-6.7	-	-	31	111	H
			* 2.4835	67.08	Pk	32.2	-38.7	0	60.58	-	-	74	-13.42	90	112	V
			* 2.483525	67.77	Pk	32.2	-38.7	0	61.27	-	-	74	-12.73	90	112	V
			* 2.4835	49.48	VA1T	32.2	-38.7	0	42.98	54	-11.02	-	-	90	112	V
			* 2.483593	49.45	VA1T	32.2	-38.7	0	42.95	54	-11.05	-	-	90	112	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)	DCCF (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	61.31	Pk	32.2	-38.7	0	54.81	-	-	74	-19.19	130	334	H
			2.562394	62.58	Pk	32.4	-38.4	0	56.58	-	-	-	-	130	334	H
			* 2.4835	47.63	VA1T	32.2	-38.7	0	41.13	54	-12.87	-	-	130	334	H
			2.561499	47.78	VA1T	32.4	-38.4	0	41.78	-	-	-	-	130	334	H
			* 2.4835	60.62	Pk	32.2	-38.7	0	54.12	-	-	74	-19.88	130	340	V
			2.539186	62.28	Pk	32.3	-38.5	0	56.08	-	-	-	-	130	340	V
			* 2.4835	47.26	VA1T	32.2	-38.7	0	40.76	54	-13.24	-	-	130	340	V
			2.555386	47.73	VA1T	32.4	-38.4	0	41.73	-	-	-	-	130	340	V
		3	* 2.4835	59.73	Pk	32.2	-38.7	0	53.23	-	-	74	-20.77	83	178	H
			2.537776	62.88	Pk	32.3	-38.5	0	56.68	-	-	-	-	83	178	H
			* 2.4835	47.42	VA1T	32.2	-38.7	0	40.92	54	-13.08	-	-	83	178	H
			2.552837	47.81	VA1T	32.4	-38.5	0	41.71	-	-	-	-	83	178	H
			* 2.4835	59.41	Pk	32.2	-38.7	0	52.91	-	-	74	-21.09	10	305	V
			2.558422	62.06	Pk	32.4	-38.5	0	55.96	-	-	-	-	10	305	V
			* 2.4835	47.19	VA1T	32.2	-38.7	0	40.69	54	-13.31	-	-	10	305	V
			2.560943	47.77	VA1T	32.4	-38.4	0	41.77	-	-	-	-	10	305	V
EDR (8PSK)	2480	4	* 2.4835	60.91	Pk	32.2	-38.7	0	54.41	-	-	74	-19.59	131	330	H
			2.522458	62.98	Pk	32.3	-38.6	0	56.68	-	-	-	-	131	330	H
			* 2.4835	47.12	VA1T	32.2	-38.7	0	40.62	54	-13.38	-	-	131	330	H
			2.562665	47.71	VA1T	32.4	-38.4	0	41.71	-	-	-	-	131	330	H
			* 2.4835	59.84	Pk	32.2	-38.7	0	53.34	-	-	74	-20.66	25	264	V
			2.552417	62.77	Pk	32.4	-38.5	0	56.67	-	-	-	-	25	264	V
			* 2.4835	47.21	VA1T	32.2	-38.7	0	40.71	54	-13.29	-	-	25	264	V
			2.549733	47.72	VA1T	32.4	-38.4	0	41.72	-	-	-	-	25	264	V
		3	* 2.4835	61.1	Pk	32.2	-38.7	0	54.6	-	-	74	-19.4	93	178	H
			2.542033	62.7	Pk	32.3	-38.5	0	56.5	-	-	-	-	93	178	H
			* 2.4835	47.94	VA1T	32.2	-38.7	0	41.44	54	-12.56	-	-	93	178	H
			2.559412	47.71	VA1T	32.4	-38.4	0	41.71	-	-	-	-	93	178	H
			* 2.4835	60.97	Pk	32.2	-38.7	0	54.47	-	-	74	-19.53	8	304	V
			2.553108	62.41	Pk	32.4	-38.5	0	56.31	-	-	-	-	8	304	V
			* 2.4835	47.46	VA1T	32.2	-38.7	0	40.96	54	-13.04	-	-	8	304	V
			2.555711	47.5	VA1T	32.4	-38.4	0	41.5	-	-	-	-	8	304	V
BTCSM2	2480	4	* 2.4835	59.83	Pk	32.2	-38.7	0	53.33	-	-	74	-20.67	130	340	H
			2.526769	62.28	Pk	32.3	-38.5	0	56.08	-	-	-	-	130	340	H
			* 2.4835	50.47	VA1T	32.2	-38.7	0	43.97	54	-10.03	-	-	130	340	H
			2.534821	51.45	VA1T	32.3	-38.5	0	45.25	-	-	-	-	130	340	H
			* 2.4835	59.96	Pk	32.2	-38.7	0	53.46	-	-	74	-20.54	19	263	V
			2.523068	62.94	Pk	32.3	-38.5	0	56.74	-	-	-	-	19	263	V
			* 2.4835	49.56	VA1T	32.2	-38.7	0	43.06	54	-10.94	-	-	19	263	V
			2.526931	51.64	VA1T	32.3	-38.5	0	45.44	-	-	-	-	19	263	V
		3	* 2.4835	59.07	Pk	32.1	-34.5	0	56.67	-	-	74	-17.33	179	177	H
			* 2.4835	47.55	VA1T	32.1	-34.5	0	45.15	54	-8.85	-	-	179	177	H
			2.531798	61.64	Pk	32.2	-34.41	0	59.43	-	-	-	-	179	177	H
			2.552959	52.13	VA1T	32.2	-34.38	0	49.95	-	-	-	-	179	177	H
			* 2.4835	59.24	Pk	32.1	-34.5	0	56.84	-	-	74	-17.16	104	309	V
			* 2.492933	62.06	Pk	32.2	-34.49	0	59.77	-	-	74	-14.23	104	309	V
			* 2.4835	48.81	VA1T	32.1	-34.5	0	46.41	54	-7.59	-	-	104	309	V
			2.528152	52.48	VA1T	32.2	-34.4	0	50.28	-	-	-	-	104	309	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/ Rtr/Pad (dB)	DCCF (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	61.06	Pk	32.2	-38.7	0	54.56	-	-	74	-19.44	35	114	H
			* 2.483756	63.37	Pk	32.2	-38.7	0	56.87	-	-	74	-17.13	35	114	H
			* 2.4835	47.93	VA1T	32.2	-38.7	0	41.43	54	-12.57	-	-	35	114	H
			2.555142	47.72	VA1T	32.4	-38.4	0	41.72	-	-	-	-	35	114	H
			* 2.4835	59.8	Pk	32.2	-38.7	0	53.3	-	-	74	-20.7	90	113	V
			2.546764	62.98	Pk	32.4	-38.5	0	56.88	-	-	-	-	90	113	V
			* 2.4835	47.39	VA1T	32.2	-38.7	0	40.89	54	-13.11	-	-	90	113	V
			2.555169	47.94	VA1T	32.4	-38.4	0	41.94	-	-	-	-	90	113	V
			* 2.4835	59.97	Pk	32.2	-38.7	0	53.47	-	-	74	-20.53	32	114	H
			2.556606	62.64	Pk	32.4	-38.4	0	56.64	-	-	-	-	32	114	H
EDR (8PSK)	2480	4+3	* 2.4835	48.15	VA1T	32.2	-38.7	0	41.65	54	-12.35	-	-	32	114	H
			2.560374	47.98	VA1T	32.4	-38.5	0	41.88	-	-	-	-	32	114	H
			* 2.4835	60.55	Pk	32.2	-38.7	0	54.05	-	-	74	-19.95	89	112	V
			2.545761	62.45	Pk	32.4	-38.4	0	56.45	-	-	-	-	89	112	V
			* 2.4835	47.57	VA1T	32.2	-38.7	0	41.07	54	-12.93	-	-	89	112	V
			2.557514	47.94	VA1T	32.4	-38.5	0	41.84	-	-	-	-	89	112	V

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

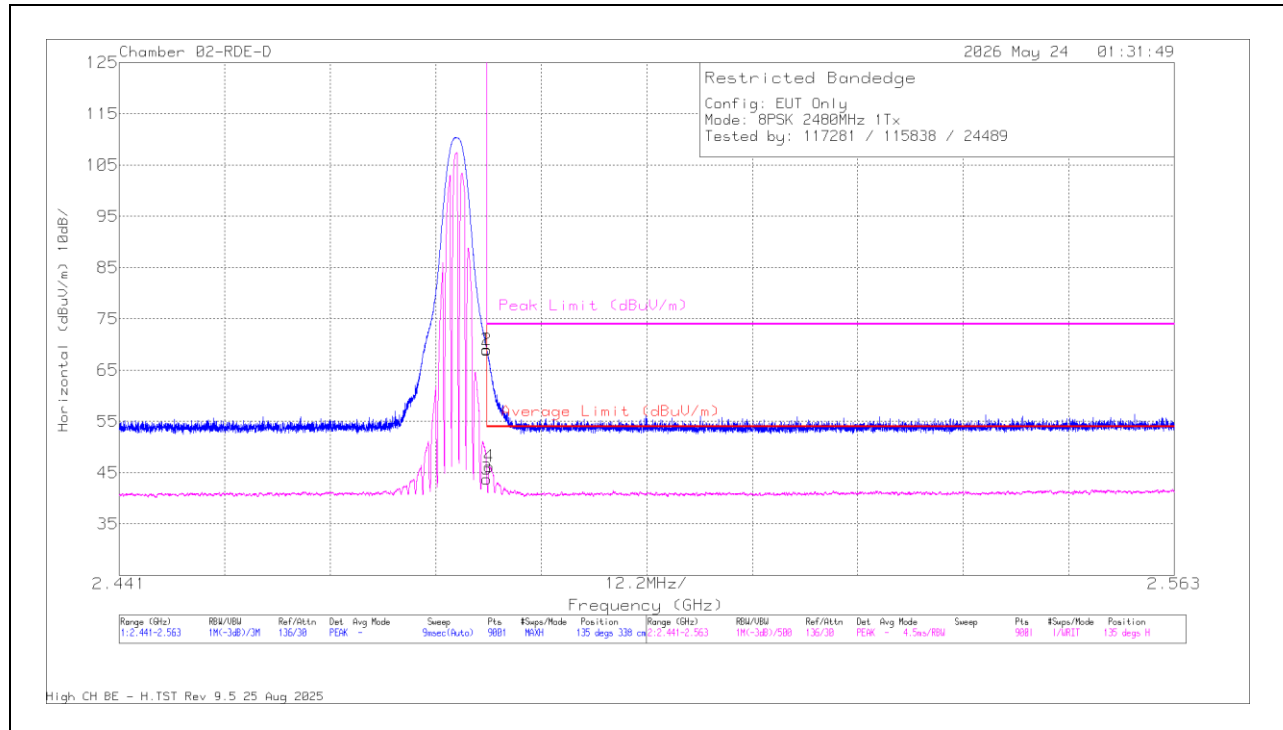
Pk - Peak detector

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

9.1.10. HIGH BAND EDGE – WORST-CASE

EDR (8PSK) / 2480 MHz / HIGH POWER / SISO ANT 4:

HORIZONTAL RESULT



MEASURED DATA

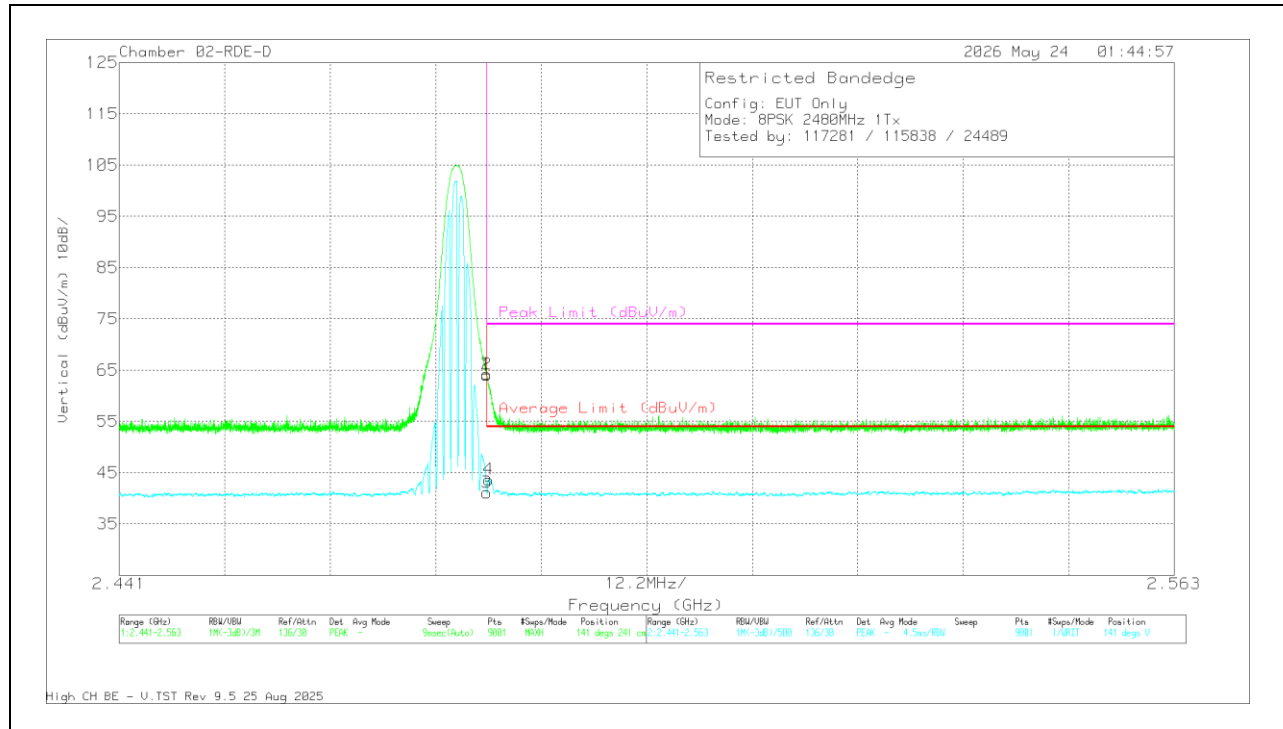
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	75.44	Pk	32.2	-38.7	68.94	-	-	74	-5.06	135	338	H
2	* 2.483512	75.51	Pk	32.2	-38.7	69.01	-	-	74	-4.99	135	338	H
3	* 2.4835	50.29	VA1T	32.2	-38.7	43.79	54	-10.21	-	-	135	338	H
4	* 2.48381	52.73	VA1T	32.2	-38.7	46.23	54	-7.77	-	-	135	338	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	226674 ACF (dB/m)	Amp/Cbl (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	70.51	Pk	32.2	-38.7	64.01	-	-	74	-9.99	141	241	V
2	* 2.483512	70.72	Pk	32.2	-38.7	64.22	-	-	74	-9.78	141	241	V
3	* 2.4835	47.62	VA1T	32.2	-38.7	41.12	54	-12.88	-	-	141	241	V
4	* 2.483742	50.18	VA1T	32.2	-38.7	43.68	54	-10.32	-	-	141	241	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)	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
BTCSM2	2402	4	* 12.009812	53.73	PKFH	39.8	-38.8	0	54.73	-	-	74	-19.27	291	105	H
			* 12.00983	38.22	VA1T	39.8	-38.8	0	39.22	54	-14.78	-	-	5	105	V
			* 12.009839	59.33	PKFH	39.8	-38.8	0	60.33	-	-	74	-13.67	5	105	V
			* 12.010012	37.45	VA1T	39.8	-38.8	0	38.45	54	-15.55	-	-	291	105	H
			* 4.782127	53.85	PKFH	34.3	-44.5	0	43.65	-	-	74	-30.35	254	101	V
			* 4.800675	53.84	PKFH	34.3	-44.5	0	43.64	-	-	74	-30.36	360	101	H
			* 4.804038	39.17	VA1T	34.3	-44.5	0	28.97	54	-25.03	-	-	254	101	V
			* 4.816555	38.82	VA1T	34.3	-44.5	0	28.62	54	-25.38	-	-	360	101	H
			7.183691	36.32	VA1T	35.5	-41.8	0	30.02	-	-	-	-	360	101	H
			7.214958	51.88	PKFH	35.5	-41.8	0	45.58	-	-	-	-	360	101	H
			9.60793	37.26	VA1T	37	-39.8	0	34.46	-	-	-	-	14	101	V
			9.60797	53.41	PKFH	37	-39.8	0	50.61	-	-	-	-	14	101	V
		3	* 12.009938	70.77	PKFH	38.7	-43.78	0	65.69	-	-	74	-8.31	269	143	H
			* 12.009947	44.06	VA1T	38.7	-43.78	0	38.98	54	-15.02	-	-	269	143	H
			* 4.803981	59.3	PKFH	34	-47.1	0	46.2	-	-	74	-27.8	227	220	V
			* 4.803972	43.51	VA1T	34	-47.1	0	30.41	54	-23.59	-	-	227	220	V
			* 12.009949	63.03	PKFH	38.7	-43.78	0	57.95	-	-	74	-16.05	278	297	V
			* 12.009873	43.1	VA1T	38.7	-43.78	0	38.02	54	-15.98	-	-	278	297	V
			7.205944	57.29	PKFH	35.7	-44.84	0	48.15	-	-	-	-	207	109	H
			7.205976	41.37	VA1T	35.7	-44.84	0	32.23	-	-	-	-	207	109	H
			7.205985	41.46	VA1T	35.7	-44.84	0	32.32	-	-	-	-	268	163	V
			7.205883	57.82	PKFH	35.7	-44.85	0	48.67	-	-	-	-	268	163	V
			9.607892	61.44	PKFH	36.6	-45.12	0	52.92	-	-	-	-	312	167	H
			9.607945	42.7	VA1T	36.6	-45.12	0	34.18	-	-	-	-	312	167	H
	2441	4	* 12.204806	55.91	PKFH	39.6	-38.9	0	56.61	-	-	74	-17.39	1	103	V
			* 12.205024	37.44	VA1T	39.6	-38.9	0	38.14	54	-15.86	-	-	1	103	V
			* 4.80537	54.19	PKFH	34.3	-44.5	0	43.99	-	-	74	-30.01	0	100	H
			* 4.819335	38.86	VA1T	34.3	-44.5	0	28.66	54	-25.34	-	-	0	100	H
			* 7.32264	51.85	PKFH	35.5	-41.6	0	45.75	-	-	74	-28.25	189	107	V
			* 7.322907	36.49	VA1T	35.5	-41.6	0	30.39	54	-23.61	-	-	189	107	V
			7.172219	51.24	PKFH	35.5	-41.9	0	44.84	-	-	-	-	0	100	H
			7.185068	36.4	VA1T	35.5	-41.8	0	30.1	-	-	-	-	0	100	H
			9.600521	51.13	PKFH	37	-39.7	0	48.43	-	-	-	-	0	200	H
			9.622259	36.64	VA1T	37	-39.9	0	33.74	-	-	-	-	0	200	H
			9.763881	37.9	VA1T	37.2	-40.3	0	34.8	-	-	-	-	15	111	V
			9.76393	55.02	PKFH	37.2	-40.3	0	51.92	-	-	-	-	15	111	V
		3	* 12.2049	38.8	VA1T	38.9	-41.51	0	36.19	54	-17.81	-	-	345	308	V
			* 12.204933	39.7	VA1T	38.9	-41.51	0	37.09	54	-16.91	-	-	28	200	H
			* 12.204951	65.28	PKFH	38.9	-41.51	0	62.67	-	-	74	-11.33	28	200	H
			* 12.205029	58.37	PKFH	38.9	-41.51	0	55.76	-	-	74	-18.24	345	308	V
			* 4.88159	57.7	PKFH	34.2	-45.9	0	46	-	-	74	-28	9	143	H
			* 4.881967	40.66	VA1T	34.2	-45.9	0	28.96	54	-25.04	-	-	323	102	V
			* 4.881971	58.27	PKFH	34.2	-45.9	0	46.57	-	-	74	-27.43	323	102	V
			* 4.881994	40.62	VA1T	34.2	-45.9	0	28.92	54	-25.08	-	-	9	143	H
			* 7.322975	37.72	VA1T	35.5	-43.18	0	30.04	54	-23.96	-	-	360	161	H
			* 7.323459	53.33	PKFH	35.5	-43.18	0	45.65	-	-	74	-28.35	360	161	H
			6.275766	53.26	PKFH	35.6	-43.6	0	45.26	-	-	-	-	233	267	V
			6.290979	38.3	VA1T	35.6	-43.65	0	30.25	-	-	-	-	233	267	V
			9.763809	57.78	PKFH	37.2	-41.43	0	53.55	-	-	-	-	28	179	H
			9.764009	38.86	VA1T	37.2	-41.43	0	34.63	-	-	-	-	28	179	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 (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (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
BTCSM2	2480	4	* 12.391415	50.84	PKFH	39.3	-39.1	0	51.04	-	-	74	-22.96	257	126	H
			* 12.399858	36.9	VA1T	39.3	-39	0	37.2	54	-16.8	-	-	306	108	V
			* 12.399904	36.17	VA1T	39.3	-39	0	36.47	54	-17.53	-	-	257	126	H
			* 12.400227	53.56	PKFH	39.3	-39	0	53.86	-	-	74	-20.14	306	108	V
			* 4.959957	38.61	VA1T	34.2	-44.2	0	28.61	54	-25.39	-	-	335	103	V
			* 4.960331	54.22	PKFH	34.2	-44.2	0	44.22	-	-	74	-29.78	335	103	V
			* 4.978727	53.48	PKFH	34.3	-44.1	0	43.68	-	-	74	-30.32	360	101	H
			* 4.980984	38.39	VA1T	34.3	-44.1	0	28.59	54	-25.41	-	-	360	101	H
			9.919787	53.9	PKFH	37.5	-39.3	0	52.1	-	-	-	-	286	101	V
			9.919851	36.43	VA1T	37.5	-39.3	0	34.63	-	-	-	-	215	101	H
			9.919894	37.15	VA1T	37.5	-39.3	0	35.35	-	-	-	-	286	101	V
			9.919997	51.57	PKFH	37.5	-39.3	0	49.77	-	-	-	-	215	101	H
		3	* 12.399827	65.14	PKFH	38.8	-41.28	0	62.66	-	-	74	-11.34	345	155	H
			* 12.39985	38.23	VA1T	38.8	-41.28	0	35.75	54	-18.25	-	-	285	111	V
			* 12.399876	39.54	VA1T	38.8	-41.28	0	37.06	54	-16.94	-	-	345	155	H
			* 12.399974	56.15	PKFH	38.8	-41.28	0	53.67	-	-	74	-20.33	285	111	V
			* 4.95986	41.53	VA1T	34.2	-45.87	0	29.86	54	-24.14	-	-	306	221	V
			* 4.959896	59.53	PKFH	34.2	-45.87	0	47.86	-	-	74	-26.14	306	221	V
			* 4.960058	41.31	VA1T	34.2	-45.87	0	29.64	54	-24.36	-	-	360	216	H
			* 4.960112	59.04	PKFH	34.2	-45.87	0	47.37	-	-	74	-26.63	360	216	H
			* 7.439789	54.67	PKFH	35.6	-42.89	0	47.38	-	-	74	-26.62	280	178	H
			* 7.439888	37.42	VA1T	35.6	-42.89	0	30.13	54	-23.87	-	-	2	142	V
			* 7.440046	37.78	VA1T	35.6	-42.89	0	30.49	54	-23.51	-	-	280	178	H
			* 7.440132	53.01	PKFH	35.6	-42.89	0	45.72	-	-	74	-28.28	2	142	V
			9.919765	53.71	PKFH	37.5	-42.03	0	49.18	-	-	-	-	349	103	V
			9.919925	38.19	VA1T	37.5	-42.03	0	33.66	-	-	-	-	349	103	V
			9.919993	39.26	VA1T	37.5	-42.03	0	34.73	-	-	-	-	30	182	H
			9.920095	57.79	PKFH	37.5	-42.03	0	53.26	-	-	-	-	30	182	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

9.1.12. SPURIOUS EMISSIONS – 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)	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 (GFSK)	2402	4 + 3	* 4.692621	57.3	PKFH	34.2	-48.14	0	43.36	-	-	74	-30.64	0	100	H
			* 4.694488	43.66	VA1T	34.2	-48.16	0	29.7	54	-24.3	-	-	0	100	H
			* 4.695332	43.6	VA1T	34.2	-48.15	0	29.65	54	-24.35	-	-	0	201	V
			* 4.701061	57.36	PKFH	34.2	-48.18	0	43.38	-	-	74	-30.62	0	201	V
			6.640092	55.21	PKFH	37	-44.94	0	47.27	-	-	-	-	0	200	V
			6.646996	54.8	PKFH	37	-45.06	0	46.74	-	-	-	-	0	100	H
			6.672305	40.85	VA1T	37.1	-44.98	0	32.97	-	-	-	-	0	200	V
			6.673605	40.92	VA1T	37.1	-45.01	0	33.01	-	-	-	-	0	100	H
			9.765756	55.24	PKFH	37.1	-44.03	0	48.31	-	-	-	-	0	200	V
			9.771206	55.36	PKFH	37.1	-44.11	0	48.35	-	-	-	-	0	100	H
			9.775592	41.07	VA1T	37.1	-44.22	0	33.95	-	-	-	-	0	200	V
			9.776984	41.2	VA1T	37.1	-44.31	0	33.99	-	-	-	-	0	100	H
	2441	4 + 3	* 4.514282	47.81	PKFH	34.6	-48.33	0	34.08	-	-	74	-39.92	0	201	V
			* 4.518082	43.24	VA1T	34.7	-48.32	0	29.62	54	-24.38	-	-	0	201	V
			* 4.524374	57.65	PKFH	34.7	-48.3	0	44.05	-	-	74	-29.95	0	100	H
			* 4.525431	43.16	VA1T	34.7	-48.3	0	29.56	54	-24.44	-	-	0	100	H
			6.739742	55.13	PKFH	37.2	-45.12	0	47.21	-	-	-	-	0	100	H
			6.74276	40.99	VA1T	37.2	-45.15	0	33.04	-	-	-	-	0	100	H
			6.758643	54.88	PKFH	37.2	-45.32	0	46.76	-	-	-	-	0	200	V
			6.759914	41.02	VA1T	37.1	-45.32	0	32.8	-	-	-	-	0	200	V
			9.738142	55.07	PKFH	37	-43.97	0	48.1	-	-	-	-	0	200	V
			9.760431	54.45	PKFH	37	-43.85	0	47.6	-	-	-	-	0	100	H
			9.76352	41	VA1T	37.1	-43.98	0	34.12	-	-	-	-	0	200	V
			9.766422	40.98	VA1T	37.1	-44.04	0	34.04	-	-	-	-	0	100	H
	2480	4 + 3	4.458931	43.8	VA1T	34.7	-48.42	0	30.08	-	-	-	-	0	201	V
			4.459122	43.97	VA1T	34.7	-48.42	0	30.25	-	-	-	-	0	100	H
			4.46902	48.01	PKFH	34.7	-48.35	0	34.36	-	-	-	-	0	201	V
			4.471189	47.54	PKFH	34.7	-48.35	0	33.89	-	-	-	-	0	100	H
			6.696279	40.93	VA1T	37.1	-45.08	0	32.95	-	-	-	-	0	100	H
			6.697244	55.19	PKFH	37.1	-45.09	0	47.2	-	-	-	-	0	100	H
			6.711181	54.77	PKFH	37.2	-45.14	0	46.83	-	-	-	-	0	200	V
			6.732444	40.92	VA1T	37.2	-45.16	0	32.96	-	-	-	-	0	200	V
			9.778626	55.55	PKFH	37.1	-44.32	0	48.33	-	-	-	-	0	200	V
			9.778701	41.27	VA1T	37.1	-44.32	0	34.05	-	-	-	-	0	100	H
			9.779532	41.24	VA1T	37.1	-44.33	0	34.01	-	-	-	-	0	200	V
			9.788746	55.12	PKFH	37.2	-44.27	0	48.05	-	-	-	-	0	100	H

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

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

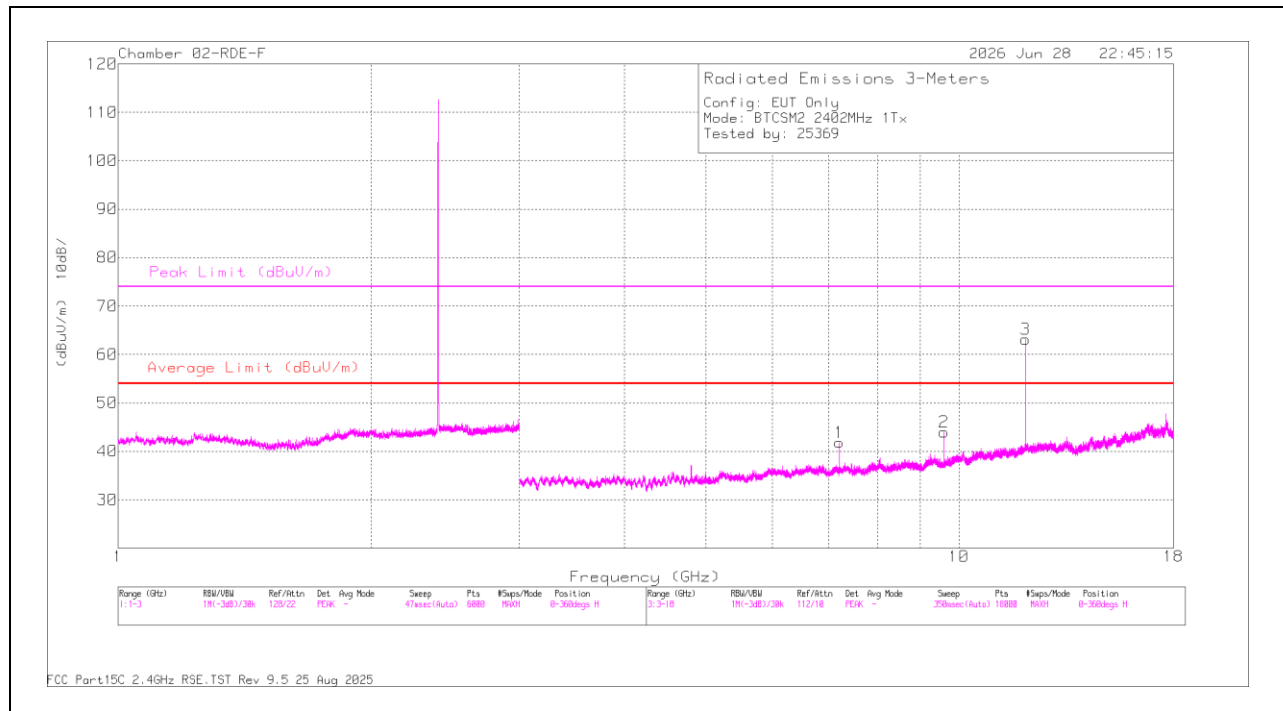
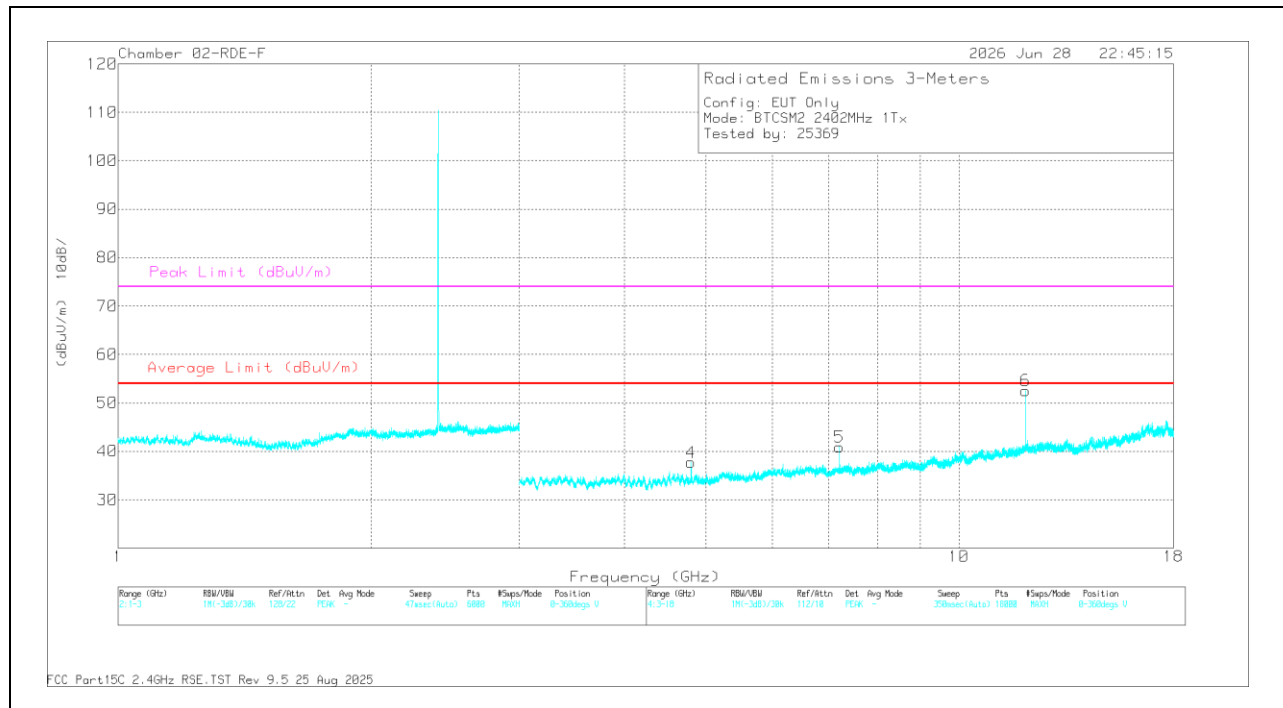
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Fltr/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	* 1.329476	60.62	PKFH	29.9	-40.33	0	50.19	-	-	74	-23.81	0	201	V
			* 1.330143	60.67	PKFH	29.9	-40.34	0	50.23	-	-	74	-23.77	0	100	H
			* 1.334623	46.48	VA1T	29.9	-40.31	0	36.07	54	-17.93	-	-	0	100	H
			* 1.33603	46.42	VA1T	29.9	-40.29	0	36.03	54	-17.97	-	-	0	201	V
			* 11.872194	54.08	PKFH	39	-43.17	0	49.91	-	-	74	-24.09	0	100	H
			* 11.889261	40.15	VA1T	39.1	-43.18	0	36.07	54	-17.93	-	-	0	100	H
			* 11.904885	53.91	PKFH	39.2	-43.04	0	50.07	-	-	74	-23.93	0	200	V
			* 11.910911	40.24	VA1T	39.2	-43.07	0	36.37	54	-17.63	-	-	0	200	V
			* 3.669185	43.79	VA1T	33.5	-47.35	0	29.94	54	-24.06	-	-	0	100	H
			* 3.682327	58.05	PKFH	33.4	-47.35	0	44.1	-	-	74	-29.9	0	201	V
			* 3.682439	57.54	PKFH	33.4	-47.35	0	43.59	-	-	74	-30.41	0	100	H
			* 3.68247	43.74	VA1T	33.4	-47.35	0	29.79	54	-24.21	-	-	0	201	V
	2441	4 + 3	* 1.292475	61.47	PKFH	30	-40.32	0	51.15	-	-	74	-22.85	0	201	V
			* 1.315062	60.5	PKFH	29.9	-40.32	0	50.08	-	-	74	-23.92	0	100	H
			* 1.328962	46.5	VA1T	29.9	-40.33	0	36.07	54	-17.93	-	-	0	201	V
			* 1.329282	46.47	VA1T	29.9	-40.33	0	36.04	54	-17.96	-	-	0	100	H
			* 12.20459	60.64	PKFH	39.1	-42.9	0	56.84	-	-	74	-17.16	16	112	V
			* 12.204906	44.71	VA1T	39.1	-42.9	0	40.91	54	-13.09	-	-	16	112	V
			* 12.204911	42.35	VA1T	39.1	-42.9	0	38.55	54	-15.45	-	-	0	100	H
			* 12.204915	56.76	PKFH	39.1	-42.9	0	52.96	-	-	74	-21.04	0	100	H
			* 3.672232	54.96	PKFH	33.5	-47.34	0	41.12	-	-	74	-32.88	0	100	V
			* 3.67241	41.53	VA1T	33.5	-47.33	0	27.7	54	-26.3	-	-	0	100	V
			* 3.675799	56.97	PKFH	33.4	-47.22	0	43.15	-	-	74	-30.85	0	100	H
			* 3.681305	43.61	VA1T	33.4	-47.3	0	29.71	54	-24.29	-	-	0	100	H
	2480	4 + 3	* 1.217009	46.74	VA1T	29.6	-40.36	0	35.98	54	-18.02	-	-	360	100	H
			* 1.218596	60.61	PKFH	29.6	-40.36	0	49.85	-	-	74	-24.15	360	100	H
			* 1.219529	46.62	VA1T	29.6	-40.36	0	35.86	54	-18.14	-	-	360	201	V
			* 1.231863	60.18	PKFH	29.8	-40.37	0	49.61	-	-	74	-24.39	360	201	V
			* 11.756747	54.55	PKFH	39	-43.02	0	50.53	-	-	74	-23.47	360	200	V
			* 11.767142	40.27	VA1T	39	-42.75	0	36.52	54	-17.48	-	-	360	200	V
			* 11.770209	40.35	VA1T	39	-42.66	0	36.69	54	-17.31	-	-	360	100	H
			* 11.776613	54.3	PKFH	39	-42.6	0	50.7	-	-	74	-23.3	360	100	H
			* 3.660302	46.2	PKFH	33.7	-47.2	0	32.7	-	-	74	-41.3	360	100	H
			* 3.671387	32.51	VA1T	33.5	-47.36	0	18.65	54	-35.35	-	-	360	100	H
			* 3.671969	32.41	VA1T	33.5	-47.35	0	18.56	54	-35.44	-	-	360	201	V
			* 3.684373	46.22	PKFH	33.4	-47.38	0	32.24	-	-	74	-41.76	360	201	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

9.1.13. SPURIOUS EMISSIONS – WORST-CASE**BTCSM2 / 2402 MHz / HIGH POWER / SISO ANT 3****HORIZONTAL RESULT****VERTICAL RESULT**

MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 12.009938	70.77	PKFH	38.7	-43.78	0	65.69	-	-	74	-8.31	269	143	H
	* 12.009947	44.06	VA1T	38.7	-43.78	0	38.98	54	-15.02	-	-	269	143	H
4	* 4.803981	59.3	PKFH	34	-47.1	0	46.2	-	-	74	-27.8	227	220	V
	* 4.803972	43.51	VA1T	34	-47.1	0	30.41	54	-23.59	-	-	227	220	V
6	* 12.009949	63.03	PKFH	38.7	-43.78	0	57.95	-	-	74	-16.05	278	297	V
	* 12.009873	43.1	VA1T	38.7	-43.78	0	38.02	54	-15.98	-	-	278	297	V
1	7.205944	57.29	PKFH	35.7	-44.84	0	48.15	-	-	-	-	207	109	H
	7.205976	41.37	VA1T	35.7	-44.84	0	32.23	-	-	-	-	207	109	H
5	7.205985	41.46	VA1T	35.7	-44.84	0	32.32	-	-	-	-	268	163	V
	7.205883	57.82	PKFH	35.7	-44.85	0	48.67	-	-	-	-	268	163	V
2	9.607892	61.44	PKFH	36.6	-45.12	0	52.92	-	-	-	-	312	167	H
	9.607945	42.7	VA1T	36.6	-45.12	0	34.18	-	-	-	-	312	167	H

* - 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

STATE B**9.1.14. LOW 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)	DCCF (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	59.99	Pk	32.1	-34.83	0	57.26	-	-	74	-16.74	236	118	H
			* 2.380393	61.74	Pk	31.9	-34.8	0	58.84	-	-	74	-15.16	236	118	H
			* 2.39	46.88	VA1T	32.1	-34.83	0	44.15	54	-9.85	-	-	236	118	H
			* 2.384148	47.32	VA1T	32	-34.81	0	44.51	54	-9.49	-	-	236	118	H
			* 2.39	60.12	Pk	32.1	-34.83	0	57.39	-	-	74	-16.61	228	393	V
			* 2.341339	61.9	Pk	31.8	-34.86	0	58.84	-	-	74	-15.16	228	393	V
		3	* 2.39	46.78	VA1T	32.1	-34.83	0	44.05	54	-9.95	-	-	228	393	V
			* 2.389636	47.17	VA1T	32.1	-34.83	0	44.44	54	-9.56	-	-	228	393	V
			* 2.39	59.35	Pk	32.1	-34.83	0	56.62	-	-	74	-17.38	175	190	H
			* 2.383217	62.02	Pk	32	-34.79	0	59.23	-	-	74	-14.77	175	190	H
			* 2.39	47.07	VA1T	32.1	-34.83	0	44.34	54	-9.66	-	-	175	190	H
			* 2.388763	47.18	VA1T	32.1	-34.84	0	44.44	54	-9.56	-	-	175	190	H
			* 2.39	59.53	Pk	32.1	-34.83	0	56.8	-	-	74	-17.2	105	282	V
			* 2.332198	63.33	Pk	31.9	-34.88	0	60.35	-	-	74	-13.65	105	282	V
			* 2.39	47.13	VA1T	32.1	-34.83	0	44.4	54	-9.6	-	-	105	282	V
			* 2.389083	47.26	VA1T	32.1	-34.84	0	44.52	54	-9.48	-	-	105	282	V
EDR (8PSK)	2402	4	* 2.39	59.67	Pk	32.1	-34.83	0	56.94	-	-	74	-17.06	238	119	H
			* 2.362023	62.11	Pk	31.7	-34.9	0	58.91	-	-	74	-15.09	238	119	H
			* 2.39	46.8	VA1T	32.1	-34.83	0	44.07	54	-9.93	-	-	238	119	H
			* 2.387685	47.23	VA1T	32	-34.83	0	44.4	54	-9.6	-	-	238	119	H
			* 2.39	60.71	Pk	32.1	-34.83	0	57.98	-	-	74	-16.02	284	387	V
			* 2.323173	61.88	Pk	31.8	-34.86	0	58.82	-	-	74	-15.18	284	387	V
			* 2.39	46.9	VA1T	32.1	-34.83	0	44.17	54	-9.83	-	-	284	387	V
			* 2.386681	47.18	VA1T	32	-34.82	0	44.36	54	-9.64	-	-	284	387	V
		3	* 2.39	59.61	Pk	32.1	-34.83	0	56.88	-	-	74	-17.12	174	117	H
			* 2.33	61.83	Pk	31.9	-34.88	0	58.85	-	-	74	-15.15	174	117	H
			* 2.39	46.74	VA1T	32.1	-34.83	0	44.01	54	-9.99	-	-	174	117	H
			* 2.388006	47.25	VA1T	32	-34.84	0	44.41	54	-9.59	-	-	174	117	H
			* 2.39	59.16	Pk	32.1	-34.83	0	56.43	-	-	74	-17.57	105	282	V
			* 2.383435	61.83	Pk	32	-34.79	0	59.04	-	-	74	-14.96	105	282	V
			* 2.39	46.64	VA1T	32.1	-34.83	0	43.91	54	-10.09	-	-	105	282	V
			* 2.384483	47.24	VA1T	32	-34.81	0	44.43	54	-9.57	-	-	105	282	V
BTCM2	2402	4	* 2.39	59.31	Pk	32.1	-34.83	0	56.58	-	-	74	-17.42	237	119	H
			* 2.387205	62.41	Pk	32	-34.82	0	59.59	-	-	74	-14.41	237	119	H
			* 2.39	47.46	VA1T	32.1	-34.83	0	44.73	54	-9.27	-	-	237	119	H
			* 2.342911	51.18	VA1T	31.7	-34.88	0	48	54	-6	-	-	237	119	H
			* 2.39	59.4	Pk	32.1	-34.83	0	56.67	-	-	74	-17.33	295	377	V
			* 2.382227	61.8	Pk	32	-34.8	0	59	-	-	74	-15	295	377	V
			* 2.39	49.02	VA1T	32.1	-34.83	0	46.29	54	-7.71	-	-	295	377	V
			* 2.389723	50.93	VA1T	32.1	-34.83	0	48.2	54	-5.8	-	-	295	377	V
		3	* 2.39	59.85	Pk	32.1	-34.83	0	57.12	-	-	74	-16.88	172	116	H
			* 2.383566	61.83	Pk	32	-34.8	0	59.03	-	-	74	-14.97	172	116	H
			* 2.39	47.07	VA1T	32.1	-34.83	0	44.34	54	-9.66	-	-	172	116	H
			* 2.326521	51.15	VA1T	31.9	-34.89	0	48.16	54	-5.84	-	-	172	116	H
			* 2.39	59.82	Pk	32.1	-34.83	0	57.09	-	-	74	-16.91	76	202	V
			* 2.387452	61.92	Pk	32	-34.83	0	59.09	-	-	74	-14.91	76	202	V
			* 2.39	46.22	VA1T	32.1	-34.83	0	43.49	54	-10.51	-	-	76	202	V
			* 2.315866	51.32	VA1T	31.8	-34.87	0	48.25	54	-5.75	-	-	76	202	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

9.1.15. LOW BAND EDGE – HIGH POWER – MIMO TXBF

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)	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	60.71	Pk	32.2	-38.9	0	54.01	-	-	74	-19.99	146	165	H
			* 2.379723	62.37	Pk	32.1	-38.9	0	55.57	-	-	74	-18.43	146	165	H
			* 2.39	47.42	VA1T	32.2	-38.9	0	40.72	54	-13.28	-	-	146	165	H
			* 2.387089	47.75	VA1T	32.2	-38.9	0	41.05	54	-12.95	-	-	146	165	H
			* 2.39	59.67	Pk	32.2	-38.9	0	52.97	-	-	74	-21.03	31	103	V
			* 2.383697	62.48	Pk	32.2	-38.9	0	55.78	-	-	74	-18.22	31	103	V
			* 2.39	47.36	VA1T	32.2	-38.9	0	40.66	54	-13.34	-	-	31	103	V
			* 2.386215	47.77	VA1T	32.2	-38.9	0	41.07	54	-12.93	-	-	31	103	V
			* 2.39	59.26	Pk	32.2	-38.9	0	52.56	-	-	74	-21.44	149	141	H
			* 2.3677	61.95	Pk	32.1	-38.9	0	55.15	-	-	74	-18.85	149	141	H
EDR (8PSK)	2402	4+3	* 2.39	47.26	VA1T	32.2	-38.9	0	40.56	54	-13.44	-	-	149	141	H
			* 2.384105	47.68	VA1T	32.2	-38.9	0	40.98	54	-13.02	-	-	149	141	H
			* 2.39	60.68	Pk	32.2	-38.9	0	53.98	-	-	74	-20.02	32	151	V
			* 2.31706	62.91	Pk	31.9	-39.1	0	55.71	-	-	74	-18.29	32	151	V
			* 2.39	47.58	VA1T	32.2	-38.9	0	40.88	54	-13.12	-	-	32	151	V
			* 2.389942	47.78	VA1T	32.2	-38.9	0	41.08	54	-12.92	-	-	32	151	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

9.1.16. 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)	DCCF (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	59.95	Pk	32.1	-34.83	0	57.22	-	-	74	-16.78	241	118	H
			* 2.380844	61.88	Pk	31.9	-34.79	0	58.99	-	-	74	-15.01	241	118	H
			* 2.39	46.86	VA1T	32.1	-34.83	0	44.13	54	-9.87	-	-	241	118	H
			* 2.388413	47.28	VA1T	32	-34.84	0	44.44	54	-9.56	-	-	241	118	H
			* 2.39	59.31	Pk	32.1	-34.83	0	56.58	-	-	74	-17.42	233	394	V
			* 2.384847	61.51	Pk	32	-34.81	0	58.7	-	-	74	-15.3	233	394	V
		3	* 2.39	46.46	VA1T	32.1	-34.83	0	43.73	54	-10.27	-	-	233	394	V
			* 2.388864	47.29	VA1T	32.1	-34.84	0	44.55	54	-9.45	-	-	233	394	V
			* 2.39	59.43	Pk	32.1	-34.83	0	56.7	-	-	74	-17.3	175	214	H
			* 2.372678	61.81	Pk	31.8	-34.87	0	58.74	-	-	74	-15.26	175	214	H
			* 2.39	46.88	VA1T	32.1	-34.83	0	44.15	54	-9.85	-	-	175	214	H
			* 2.382649	47.18	VA1T	32	-34.79	0	44.39	54	-9.61	-	-	175	214	H
			* 2.39	59.26	Pk	32.1	-34.83	0	56.53	-	-	74	-17.47	105	282	V
			* 2.331994	61.95	Pk	31.9	-34.88	0	58.97	-	-	74	-15.03	105	282	V
			* 2.39	46.6	VA1T	32.1	-34.83	0	43.87	54	-10.13	-	-	105	282	V
			* 2.383129	47.04	VA1T	32	-34.78	0	44.26	54	-9.74	-	-	105	282	V
EDR (8PSK)	2402	4	* 2.39	59.88	Pk	32.1	-34.83	0	57.15	-	-	74	-16.85	237	118	H
			* 2.386419	61.58	Pk	32	-34.81	0	58.77	-	-	74	-15.23	237	118	H
			* 2.39	46.6	VA1T	32.1	-34.83	0	43.87	54	-10.13	-	-	237	118	H
			* 2.389447	47.07	VA1T	32.1	-34.84	0	44.33	54	-9.67	-	-	237	118	H
			* 2.39	59.84	Pk	32.1	-34.83	0	57.11	-	-	74	-16.89	235	391	V
			* 2.380058	61.75	Pk	31.9	-34.8	0	58.85	-	-	74	-15.15	235	391	V
		3	* 2.39	46.42	VA1T	32.1	-34.83	0	43.69	54	-10.31	-	-	235	391	V
			* 2.384425	47.16	VA1T	32	-34.81	0	44.35	54	-9.65	-	-	235	391	V
			* 2.39	59.79	Pk	32.1	-34.83	0	57.06	-	-	74	-16.94	176	214	H
			* 2.360917	62.23	Pk	31.7	-34.9	0	59.03	-	-	74	-14.97	176	214	H
			* 2.39	46.65	VA1T	32.1	-34.83	0	43.92	54	-10.08	-	-	176	214	H
			* 2.382955	47.19	VA1T	32	-34.78	0	44.41	54	-9.59	-	-	176	214	H
			* 2.39	58.78	Pk	32.1	-34.83	0	56.05	-	-	74	-17.95	105	282	V
			* 2.32	61.9	Pk	31.8	-34.88	0	58.82	-	-	74	-15.18	105	282	V
			* 2.39	46.69	VA1T	32.1	-34.83	0	43.96	54	-10.04	-	-	105	282	V
			* 2.389563	47.07	VA1T	32.1	-34.83	0	44.34	54	-9.66	-	-	105	282	V
BTCSM2	2402	4	* 2.39	59.32	Pk	32.1	-34.83	0	56.59	-	-	74	-17.41	244	118	H
			* 2.355837	61.99	Pk	31.7	-34.89	0	58.8	-	-	74	-15.2	244	118	H
			* 2.39	48.07	VA1T	32.1	-34.83	0	45.34	54	-8.66	-	-	244	118	H
			* 2.329214	51.18	VA1T	31.8	-34.9	0	48.08	54	-5.92	-	-	244	118	H
			* 2.39	59.84	Pk	32.1	-34.83	0	57.11	-	-	74	-16.89	236	343	V
			* 2.327773	61.72	Pk	31.9	-34.88	0	58.74	-	-	74	-15.26	236	343	V
		3	* 2.39	48.06	VA1T	32.1	-34.83	0	45.33	54	-8.67	-	-	236	343	V
			* 2.326783	51.59	VA1T	31.9	-34.89	0	48.6	54	-5.4	-	-	236	343	V
			* 2.39	59.38	Pk	32.2	-34.31	0	57.27	-	-	74	-16.73	46	126	H
			* 2.371354	62.09	Pk	32.1	-34.38	0	59.81	-	-	74	-14.19	46	126	H
			* 2.39	46.9	VA1T	32.2	-34.31	0	44.79	54	-9.21	-	-	46	126	H
			* 2.383202	51.25	VA1T	32.2	-34.33	0	49.12	54	-4.88	-	-	46	126	H
			* 2.39	58.9	Pk	32.2	-34.31	0	56.79	-	-	74	-17.21	317	253	V
			* 2.335808	62.08	Pk	32	-34.45	0	59.63	-	-	74	-14.37	317	253	V
			* 2.39	45.65	VA1T	32.2	-34.31	0	43.54	54	-10.46	-	-	317	253	V
			* 2.365153	51.07	VA1T	32.1	-34.4	0	48.77	54	-5.23	-	-	317	253	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

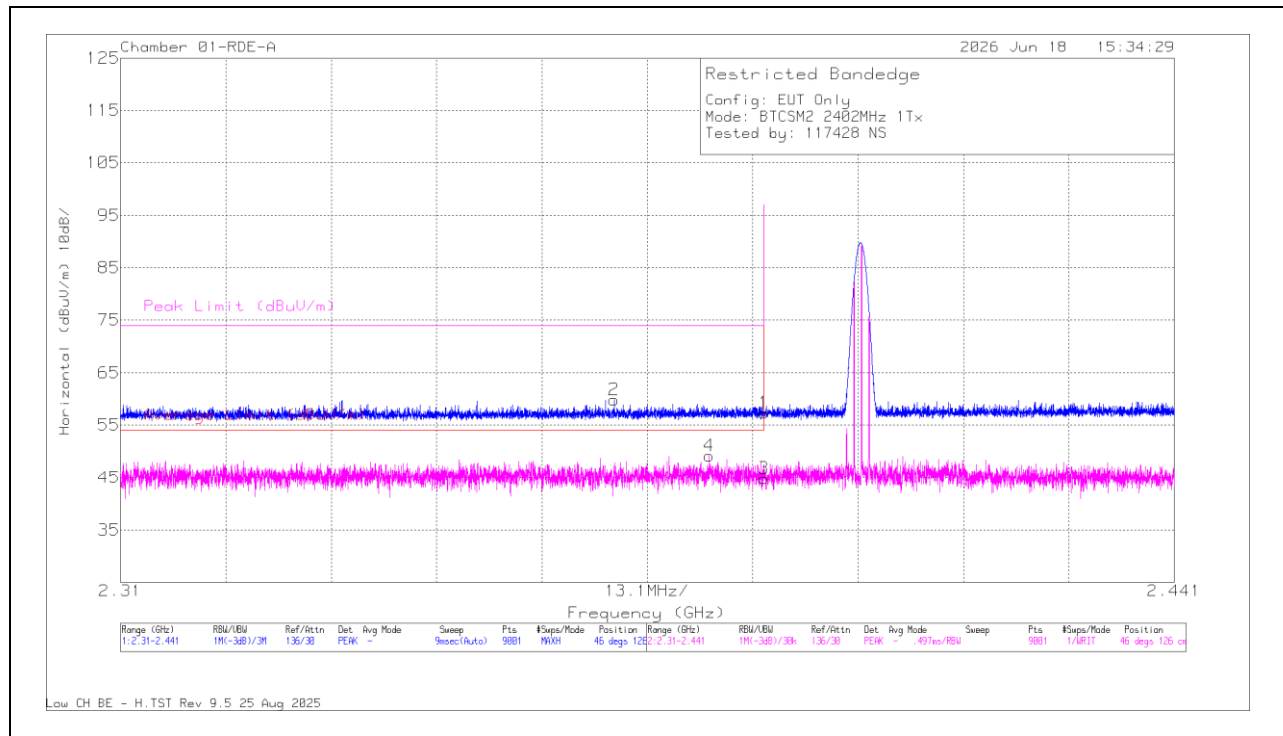
9.1.17. LOW BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Rtr/Pad (dB)	DCCF (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	60.46	Pk	32.2	-38.9	0	53.76	-	-	74	-20.24	148	145	H
			* 2.380276	62.43	Pk	32.1	-38.9	0	55.63	-	-	74	-18.37	148	145	H
			* 2.39	47.18	VA1T	32.2	-38.9	0	40.48	54	-13.52	-	-	148	145	H
			* 2.389781	47.81	VA1T	32.2	-38.9	0	41.11	54	-12.89	-	-	148	145	H
			* 2.39	60.65	Pk	32.2	-38.9	0	53.95	-	-	74	-20.05	18	104	V
			* 2.373173	62.69	Pk	32.1	-39	0	55.79	-	-	74	-18.21	18	104	V
			* 2.39	47.58	VA1T	32.2	-38.9	0	40.88	54	-13.12	-	-	18	104	V
			* 2.389825	47.77	VA1T	32.2	-38.9	0	41.07	54	-12.93	-	-	18	104	V
			* 2.39	59.48	Pk	32.2	-38.9	0	52.78	-	-	74	-21.22	148	146	H
			* 2.385182	62.52	Pk	32.2	-38.9	0	55.82	-	-	74	-18.18	148	146	H
EDR (8PSK)	2402	4+3	* 2.39	47.51	VA1T	32.2	-38.9	0	40.81	54	-13.19	-	-	148	146	H
			* 2.384963	47.95	VA1T	32.2	-38.9	0	41.25	54	-12.75	-	-	148	146	H
			* 2.39	59.82	Pk	32.2	-38.9	0	53.12	-	-	74	-20.88	27	167	V
			* 2.387103	62.45	Pk	32.2	-38.9	0	55.75	-	-	74	-18.25	27	167	V
			* 2.39	47.35	VA1T	32.2	-38.9	0	40.65	54	-13.35	-	-	27	167	V
			* 2.387176	47.78	VA1T	32.2	-38.9	0	41.08	54	-12.92	-	-	27	167	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

9.1.18. LOW BAND EDGE – WORST-CASE**BTCSM 2 / 2402 MHz / LOW POWER / SISO ANT 3****HORIZONTAL RESULT****MEASURED DATA**

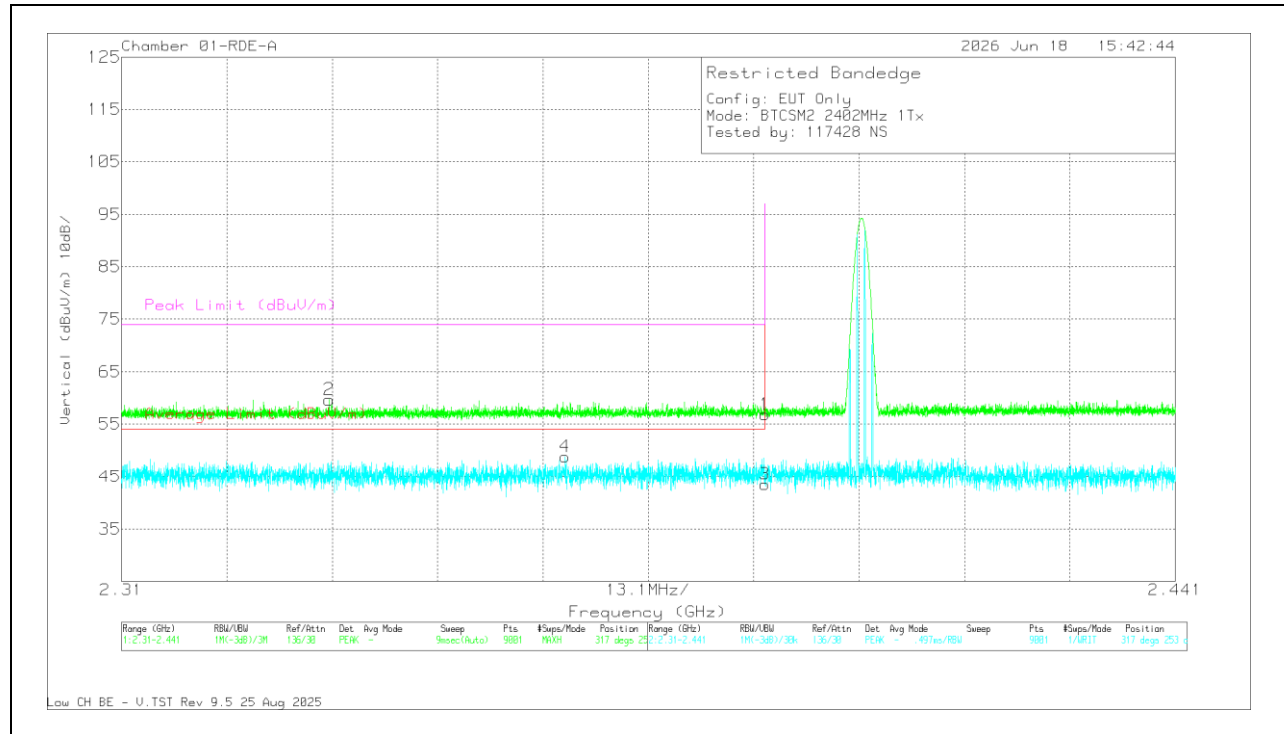
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.38	Pk	32.2	-34.31	57.27	-	-	74	-16.73	46	126	H
2	* 2.371354	62.09	Pk	32.1	-34.38	59.81	-	-	74	-14.19	46	126	H
3	* 2.39	46.9	VA1T	32.2	-34.31	44.79	54	-9.21	-	-	46	126	H
4	* 2.383202	51.25	VA1T	32.2	-34.33	49.12	54	-4.88	-	-	46	126	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	200785 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	* 2.39	58.9	Pk	32.2	-34.31	56.79	-	-	74	-17.21	317	253	V
2	* 2.335808	62.08	Pk	32	-34.45	59.63	-	-	74	-14.37	317	253	V
3	* 2.39	45.65	VA1T	32.2	-34.31	43.54	54	-10.46	-	-	317	253	V
4	* 2.365153	51.07	VA1T	32.1	-34.4	48.77	54	-5.23	-	-	317	253	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

9.1.19. 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)	DCCF (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	59.96	Pk	32.1	-34.5	0	57.56	-	-	74	-16.44	56	117	H
			* 2.4835	48.62	VA1T	32.1	-34.5	0	46.22	54	-7.78	-	-	56	117	H
			2.505391	62.24	Pk	32.3	-34.47	0	60.07	-	-	-	-	56	117	H
			2.533859	48.51	VA1T	32.3	-34.4	0	46.41	-	-	-	-	56	117	H
			* 2.4835	59.5	Pk	32.1	-34.5	0	57.1	-	-	74	-16.9	104	366	V
			* 2.4835	48.03	VA1T	32.1	-34.5	0	45.63	54	-8.37	-	-	104	366	V
		3	2.535811	62.44	Pk	32.2	-34.4	0	60.24	-	-	-	-	104	366	V
			2.549421	48.49	VA1T	32.2	-34.39	0	46.3	-	-	-	-	104	366	V
			* 2.4835	60.57	Pk	32.1	-34.5	0	58.17	-	-	74	-15.83	175	135	H
			* 2.4835	48.4	VA1T	32.1	-34.5	0	46	54	-8	-	-	175	135	H
			2.500538	61.74	Pk	32.2	-34.46	0	59.48	-	-	-	-	175	135	H
			2.544243	48.56	VA1T	32.2	-34.39	0	46.37	-	-	-	-	175	135	H
			* 2.4835	59.23	Pk	32.1	-34.5	0	56.83	-	-	74	-17.17	114	270	V
			* 2.492459	62.19	Pk	32.2	-34.5	0	59.89	-	-	74	-14.11	114	270	V
			* 2.4835	48.1	VA1T	32.1	-34.5	0	45.7	54	-8.3	-	-	114	270	V
			2.525386	48.48	VA1T	32.3	-34.41	0	46.37	-	-	-	-	114	270	V
EDR (8PSK)	2480	4	* 2.4835	71.24	Pk	32.1	-34.5	0	68.84	-	-	74	-5.16	63	127	H
			* 2.483525	70.82	Pk	32.1	-34.5	0	68.42	-	-	74	-5.58	63	127	H
			* 2.4835	52.13	VA1T	32.1	-34.5	0	49.73	54	-4.27	-	-	63	127	H
			* 2.483593	51.96	VA1T	32.1	-34.5	0	49.56	54	-4.44	-	-	63	127	H
			* 2.4835	68.1	Pk	32.1	-34.5	0	65.7	-	-	74	-8.3	109	366	V
			* 2.483579	68.08	Pk	32.1	-34.5	0	65.68	-	-	74	-8.32	109	366	V
		3	* 2.4835	50.95	VA1T	32.1	-34.5	0	48.55	54	-5.45	-	-	109	366	V
			* 2.483593	50.9	VA1T	32.1	-34.5	0	48.5	54	-5.5	-	-	109	366	V
			* 2.4835	69.1	Pk	32.1	-34.5	0	66.7	-	-	74	-7.3	174	135	H
			* 2.483525	68.97	Pk	32.1	-34.5	0	66.57	-	-	74	-7.43	174	135	H
			* 2.4835	51.31	VA1T	32.1	-34.5	0	48.91	54	-5.09	-	-	174	135	H
			* 2.483552	51.3	VA1T	32.1	-34.5	0	48.9	54	-5.1	-	-	174	135	H
			* 2.4835	68.01	Pk	32.1	-34.5	0	65.61	-	-	74	-8.39	113	270	V
			* 2.483512	67.65	Pk	32.1	-34.5	0	65.25	-	-	74	-8.75	113	270	V
			* 2.4835	50.68	VA1T	32.1	-34.5	0	48.28	54	-5.72	-	-	113	270	V
			* 2.483512	50.57	VA1T	32.1	-34.5	0	48.17	54	-5.83	-	-	113	270	V
BTCSM2	2480	4	* 2.4835	64.36	Pk	32.1	-34.5	0	61.96	-	-	74	-12.04	59	150	H
			* 2.483525	64.6	Pk	32.1	-34.5	0	62.2	-	-	74	-11.8	59	150	H
			* 2.4835	50.03	VA1T	32.1	-34.5	0	47.63	54	-6.37	-	-	59	150	H
			2.517985	52.08	VA1T	32.3	-34.42	0	49.96	-	-	-	-	59	150	H
			* 2.4835	60.92	Pk	32.1	-34.5	0	58.52	-	-	74	-15.48	107	365	V
			* 2.4835	48.56	VA1T	32.1	-34.5	0	46.16	54	-7.84	-	-	107	365	V
		3	2.522566	61.63	Pk	32.3	-34.42	0	59.51	-	-	-	-	107	365	V
			2.528816	52.31	VA1T	32.2	-34.39	0	50.12	-	-	-	-	107	365	V
			* 2.4835	63.39	Pk	32.4	-36.91	0	58.88	-	-	74	-15.12	218	203	H
			* 2.483593	64.44	Pk	32.4	-36.9	0	59.94	-	-	74	-14.06	218	203	H
			* 2.4835	48.42	VA1T	32.4	-36.91	0	43.91	54	-10.09	-	-	218	203	H
			2.532733	52.51	VA1T	32.5	-36.9	0	48.11	-	-	-	-	218	203	H
			* 2.4835	60.96	Pk	32.4	-36.91	0	56.45	-	-	74	-17.55	91	330	V
			2.538522	62.85	Pk	32.4	-36.86	0	58.39	-	-	-	-	91	330	V
			* 2.4835	48.35	VA1T	32.4	-36.91	0	43.84	54	-10.16	-	-	91	330	V
			2.510854	52.39	VA1T	32.5	-36.88	0	48.01	-	-	-	-	91	330	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

9.1.20. 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/ Rtr/Pad (dB)	DCCF (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	62.42	Pk	32.2	-38.7	0	55.92	-	-	74	-18.08	143	205	H
			* 2.483512	63.16	Pk	32.2	-38.7	0	56.66	-	-	74	-17.34	143	205	H
			* 2.4835	48.66	VA1T	32.2	-38.7	0	42.16	54	-11.84	-	-	143	205	H
			* 2.483512	48.75	VA1T	32.2	-38.7	0	42.25	54	-11.75	-	-	143	205	H
			* 2.4835	61.26	Pk	32.2	-38.7	0	54.76	-	-	74	-19.24	25	186	V
			* 2.491537	62.92	Pk	32.2	-38.7	0	56.42	-	-	74	-17.58	25	186	V
			* 2.4835	47.67	VA1T	32.2	-38.7	0	41.17	54	-12.83	-	-	25	186	V
			* 2.484135	48.51	VA1T	32.2	-38.7	0	42.01	54	-11.99	-	-	25	186	V
			* 2.4835	69.68	Pk	32.2	-38.7	0	63.18	-	-	74	-10.82	147	206	H
			* 2.483525	69.79	Pk	32.2	-38.7	0	63.29	-	-	74	-10.71	147	206	H
EDR (8PSK)	2480	4+3	* 2.4835	51.08	VA1T	32.2	-38.7	0	44.58	54	-9.42	-	-	147	206	H
			* 2.483512	50.94	VA1T	32.2	-38.7	0	44.44	54	-9.56	-	-	147	206	H
			* 2.4835	72.1	Pk	32.2	-38.7	0	65.6	-	-	74	-8.4	216	163	V
			* 2.483525	72.08	Pk	32.2	-38.7	0	65.58	-	-	74	-8.42	216	163	V
			* 2.4835	53.56	VA1T	32.2	-38.7	0	47.06	54	-6.94	-	-	216	163	V
			* 2.483512	53.35	VA1T	32.2	-38.7	0	46.85	54	-7.15	-	-	216	163	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

9.1.21. 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)	DCCF (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	59.21	Pk	32.1	-34.5	0	56.81	-	-	74	-17.19	58	133	H
			* 2.4835	48.15	VA1T	32.1	-34.5	0	45.75	54	-8.25	-	-	58	133	H
			2.524885	61.67	Pk	32.3	-34.41	0	59.56	-	-	-	-	58	133	H
			2.54107	48.53	VA1T	32.2	-34.41	0	46.32	-	-	-	-	58	133	H
			* 2.4835	59.22	Pk	32.1	-34.5	0	56.82	-	-	74	-17.18	109	365	V
			* 2.4835	48.06	VA1T	32.1	-34.5	0	45.66	54	-8.34	-	-	109	365	V
			2.512033	61.71	Pk	32.3	-34.42	0	59.59	-	-	-	-	109	365	V
			2.526091	48.41	VA1T	32.3	-34.41	0	46.3	-	-	-	-	109	365	V
		3	* 2.4835	60.38	Pk	32.5	-34.17	0	58.71	-	-	74	-15.29	33	101	H
			2.543361	61.86	Pk	32.6	-34.12	0	60.34	-	-	-	-	33	101	H
			* 2.4835	46.2	VA1T	32.5	-34.17	0	44.53	54	-9.47	-	-	33	101	H
			2.527989	46.85	VA1T	32.5	-34.12	0	45.23	-	-	-	-	33	101	H
			* 2.4835	59.51	Pk	32.5	-34.17	0	57.84	-	-	74	-16.16	20	247	V
			* 2.498491	62.27	Pk	32.4	-34.15	0	60.52	-	-	74	-13.48	20	247	V
			* 2.4835	46.24	VA1T	32.5	-34.17	0	44.57	54	-9.43	-	-	20	247	V
			2.562475	46.59	VA1T	32.6	-34.05	0	45.14	-	-	-	-	20	247	V
EDR (8PSK)	2480	4	* 2.4835	59.87	Pk	32.1	-34.5	0	57.47	-	-	74	-16.53	58	115	H
			* 2.4835	48.29	VA1T	32.1	-34.5	0	45.89	54	-8.11	-	-	58	115	H
			2.540352	62.82	Pk	32.2	-34.39	0	60.63	-	-	-	-	58	115	H
			2.543904	48.43	VA1T	32.2	-34.39	0	46.24	-	-	-	-	58	115	H
			* 2.4835	59.61	Pk	32.1	-34.5	0	57.21	-	-	74	-16.79	105	366	V
			* 2.4835	48.09	VA1T	32.1	-34.5	0	45.69	54	-8.31	-	-	105	366	V
			2.522553	61.59	Pk	32.3	-34.42	0	59.47	-	-	-	-	105	366	V
			2.550519	48.52	VA1T	32.2	-34.4	0	46.32	-	-	-	-	105	366	V
		3	* 2.4835	59.42	Pk	32.5	-34.17	0	57.75	-	-	74	-16.25	26	120	H
			2.558978	62.24	Pk	32.6	-34.07	0	60.77	-	-	-	-	26	120	H
			* 2.4835	46.15	VA1T	32.5	-34.17	0	44.48	54	-9.52	-	-	26	120	H
			2.562367	46.72	VA1T	32.6	-34.05	0	45.27	-	-	-	-	26	120	H
			* 2.4835	59.6	Pk	32.5	-34.17	0	57.93	-	-	74	-16.07	28	156	V
			2.526199	61.99	Pk	32.5	-34.12	0	60.37	-	-	-	-	28	156	V
			* 2.4835	46.29	VA1T	32.5	-34.17	0	44.62	54	-9.38	-	-	28	156	V
			2.541843	46.67	VA1T	32.6	-34.12	0	45.15	-	-	-	-	28	156	V
BTCSM2	2480	4	* 2.4835	58.64	Pk	32.1	-34.5	0	56.24	-	-	74	-17.76	60	130	H
			* 2.4835	49.6	VA1T	32.1	-34.5	0	47.2	54	-6.8	-	-	60	130	H
			* 2.4954	51.98	VA1T	32.2	-34.47	0	49.71	54	-4.29	-	-	60	130	H
			2.518703	62.63	Pk	32.3	-34.42	0	60.51	-	-	-	-	60	130	H
			* 2.4835	59	Pk	32.1	-34.5	0	56.6	-	-	74	-17.4	106	364	V
			* 2.4835	49.7	VA1T	32.1	-34.5	0	47.3	54	-6.7	-	-	106	364	V
			2.501433	52.06	VA1T	32.2	-34.45	0	49.81	-	-	-	-	106	364	V
			2.529534	61.48	Pk	32.2	-34.4	0	59.28	-	-	-	-	106	364	V
		3	* 2.4835	59.56	Pk	32.5	-34.17	0	57.89	-	-	74	-16.11	36	101	H
			2.559832	62.02	Pk	32.6	-34.07	0	60.55	-	-	-	-	36	101	H
			* 2.4835	46.91	VA1T	32.5	-34.17	0	45.24	54	-8.76	-	-	36	101	H
			* 2.487199	50.64	VA1T	32.5	-34.16	0	48.98	54	-5.02	-	-	36	101	H
			* 2.4835	59.75	Pk	32.5	-34.17	0	58.08	-	-	74	-15.92	21	178	V
			2.551766	61.7	Pk	32.6	-34.08	0	60.22	-	-	-	-	21	178	V
			* 2.4835	47.6	VA1T	32.5	-34.17	0	45.93	54	-8.07	-	-	21	178	V
			2.520045	50.52	VA1T	32.5	-34.11	0	48.91	-	-	-	-	21	178	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

9.1.22. 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/ Rtr/Pad (dB)	DCCF (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	60.37	Pk	32.2	-38.7	0	53.87	-	-	74	-20.13	144	207	H
			* 2.485165	62.81	Pk	32.2	-38.7	0	56.31	-	-	74	-17.69	144	207	H
			* 2.4835	47.78	VA1T	32.2	-38.7	0	41.28	54	-12.72	-	-	144	207	H
			2.561215	47.74	VA1T	32.4	-38.4	0	41.74	-	-	-	-	144	207	H
			* 2.4835	61.13	Pk	32.2	-38.7	0	54.63	-	-	74	-19.37	24	186	V
			2.536516	62.52	Pk	32.3	-38.5	0	56.32	-	-	74	-17.68	24	186	V
			* 2.4835	47.69	VA1T	32.2	-38.7	0	41.19	54	-12.81	-	-	24	186	V
			2.555887	47.81	VA1T	32.4	-38.4	0	41.81	-	-	-	-	24	186	V
			* 2.4835	61.44	Pk	32.2	-38.7	0	54.94	-	-	74	-19.06	154	210	H
			2.511654	62.64	Pk	32.2	-38.5	0	56.34	-	-	-	-	154	210	H
EDR (8PSK)	2480	4+3	* 2.4835	48.25	VA1T	32.2	-38.7	0	41.75	54	-12.25	-	-	154	210	H
			2.549448	47.87	VA1T	32.4	-38.4	0	41.87	-	-	-	-	154	210	H
			* 2.4835	61.23	Pk	32.2	-38.7	0	54.73	-	-	74	-19.27	358	186	V
			2.533642	62.95	Pk	32.3	-38.5	0	56.75	-	-	-	-	358	186	V
			* 2.4835	47.81	VA1T	32.2	-38.7	0	41.31	54	-12.69	-	-	358	186	V
			2.555128	47.79	VA1T	32.4	-38.4	0	41.79	-	-	-	-	358	186	V

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

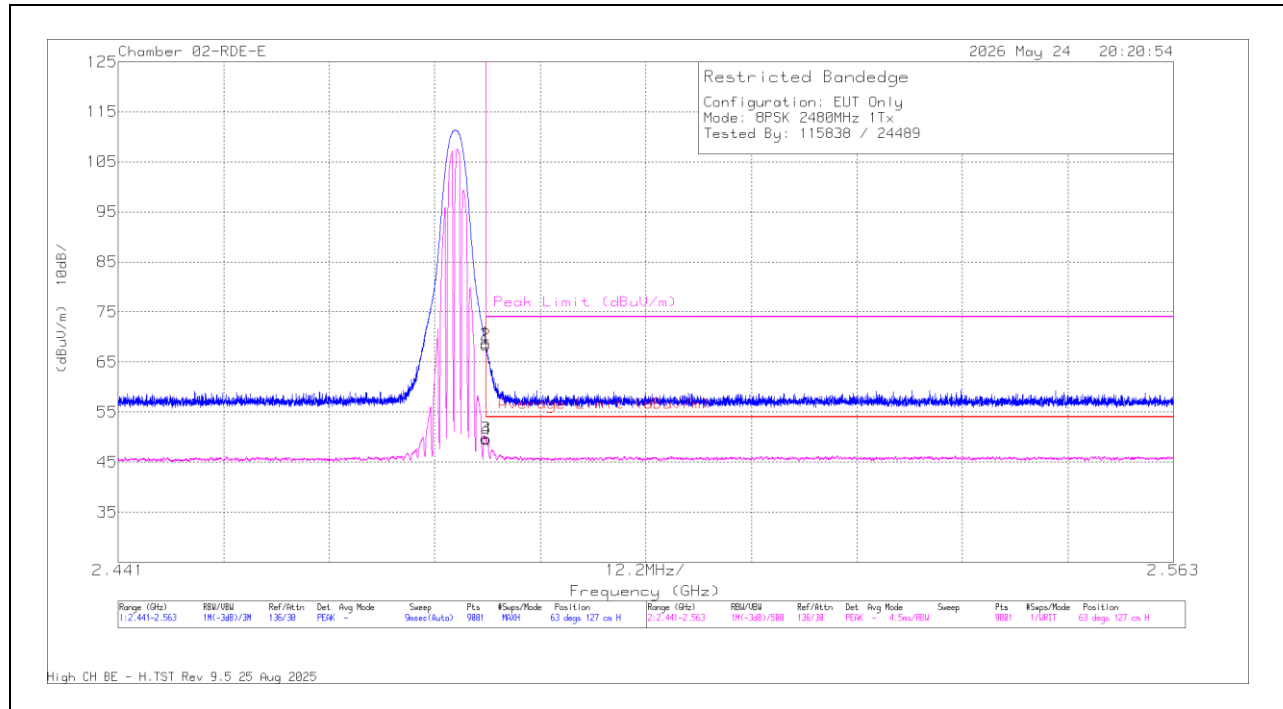
Pk - Peak detector

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

9.1.23. HIGH BAND EDGE – WORST-CASE

EDR (8PSK) / 2480 MHz / HIGH POWER / SISO ANT 4:

HORIZONTAL RESULT



MEASURED DATA

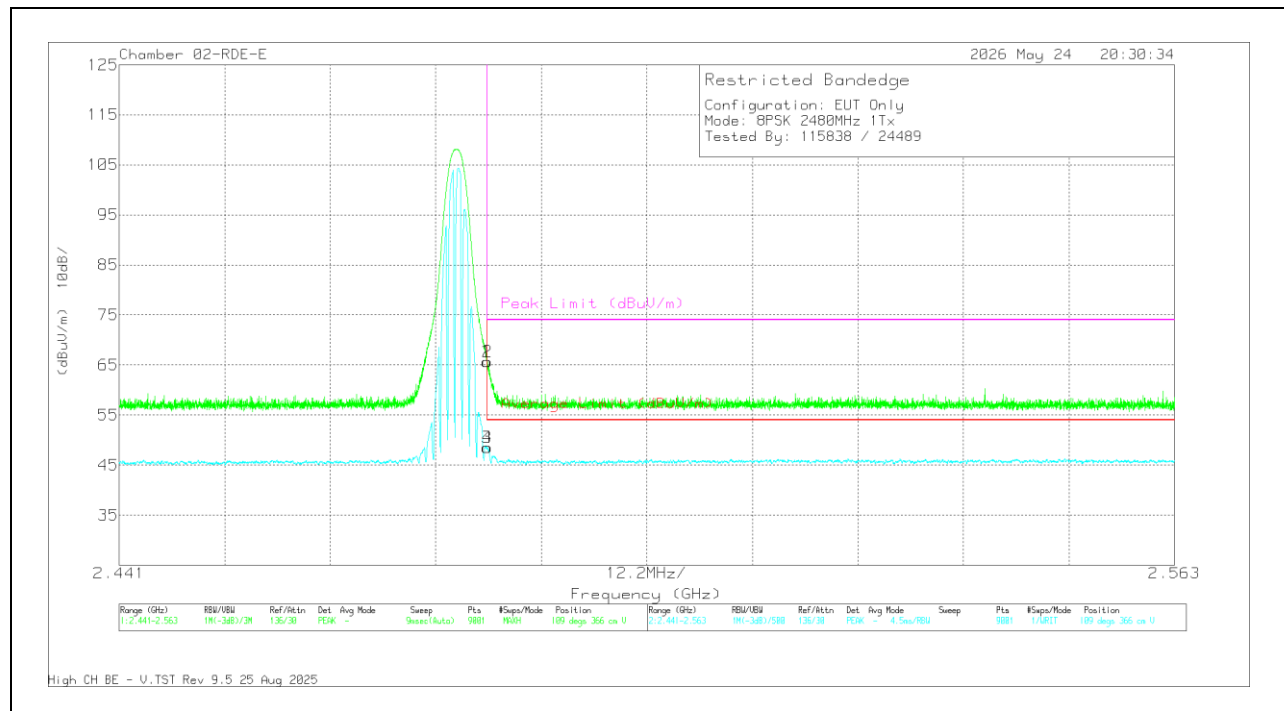
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	71.24	Pk	32.1	-34.5	68.84	-	-	74	-5.16	63	127	H
2	* 2.483525	70.82	Pk	32.1	-34.5	68.42	-	-	74	-5.58	63	127	H
3	* 2.4835	52.13	VA1T	32.1	-34.5	49.73	54	-4.27	-	-	63	127	H
4	* 2.483593	51.96	VA1T	32.1	-34.5	49.56	54	-4.44	-	-	63	127	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	200897 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	68.1	Pk	32.1	-34.5	65.7	-	-	74	-8.3	109	366	V
2	* 2.483579	68.08	Pk	32.1	-34.5	65.68	-	-	74	-8.32	109	366	V
3	* 2.4835	50.95	VA1T	32.1	-34.5	48.55	54	-5.45	-	-	109	366	V
4	* 2.483593	50.9	VA1T	32.1	-34.5	48.5	54	-5.5	-	-	109	366	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

9.1.24. 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)	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
BTCSM2	2402	4	* 12.009752	39.03	VA1T	39	-41.4	0	36.63	54	-17.37	-	-	45	103	V
			* 12.009899	60.52	PKFH	39	-41.4	0	58.12	-	-	74	-15.88	45	103	V
			* 12.009933	56.28	PKFH	39	-41.4	0	53.88	-	-	74	-20.12	35	101	H
			* 12.009981	38.3	VA1T	39	-41.4	0	35.9	54	-18.1	-	-	35	101	H
			* 3.738131	39.71	VA1T	33.3	-43.85	0	29.16	54	-24.84	-	-	360	100	H
			* 3.741087	39.12	VA1T	33.3	-43.83	0	28.59	54	-25.41	-	-	35	200	V
			* 3.74518	54.58	PKFH	33.4	-43.81	0	44.17	-	-	74	-29.83	35	200	V
			* 3.747389	55.88	PKFH	33.4	-43.8	0	45.48	-	-	74	-28.52	360	100	H
			10.365507	38.02	VA1T	37.7	-41.99	0	33.73	-	-	-	-	344	171	H
			10.383733	52.81	PKFH	37.7	-41.97	0	48.54	-	-	-	-	344	171	H
			9.607931	39.32	VA1T	36.8	-42.23	0	33.89	-	-	-	-	57	101	V
			9.608149	57.03	PKFH	36.8	-42.23	0	51.6	-	-	-	-	57	101	V
		3	* 12.009857	38.9	VA1T	39	-41.4	0	36.5	54	-17.5	-	-	349	101	V
			* 12.009883	66.53	PKFH	39	-41.4	0	64.13	-	-	74	-9.87	10	163	H
			* 12.009995	59.27	PKFH	39	-41.4	0	56.87	-	-	74	-17.13	349	101	V
			* 12.010043	39.78	VA1T	39	-41.4	0	37.38	54	-16.62	-	-	10	163	H
			* 4.803865	57.2	PKFH	34.3	-45.82	0	45.68	-	-	74	-28.32	37	101	H
			* 4.804033	40.67	VA1T	34.3	-45.82	0	29.15	54	-24.85	-	-	311	163	V
			* 4.804097	40.66	VA1T	34.3	-45.82	0	29.14	54	-24.86	-	-	37	101	H
			* 4.804304	57.41	PKFH	34.3	-45.82	0	45.89	-	-	74	-28.11	311	163	V
			7.205955	38.69	VA1T	35.6	-43.27	0	31.02	-	-	-	-	40	214	H
			7.20597	38.68	VA1T	35.6	-43.27	0	31.01	-	-	-	-	339	253	V
			7.206361	54.91	PKFH	35.6	-43.27	0	47.24	-	-	-	-	339	253	V
			7.206426	54.16	PKFH	35.6	-43.27	0	46.49	-	-	-	-	40	214	H
			9.607933	58.27	PKFH	36.8	-42.23	0	52.84	-	-	-	-	49	186	H
			9.608022	39.74	VA1T	36.8	-42.23	0	34.31	-	-	-	-	49	186	H
	2441	4	* 12.204797	36.9	VA1T	39.6	-38.9	0	37.6	54	-16.4	-	-	119	113	H
			* 12.204801	52.56	PKFH	39.6	-38.9	0	53.26	-	-	74	-20.74	119	113	H
			* 12.204883	57.05	PKFH	39.6	-38.9	0	57.75	-	-	74	-16.25	176	107	V
			* 12.204919	37.6	VA1T	39.6	-38.9	0	38.3	54	-15.7	-	-	176	107	V
			* 4.862641	53.58	PKFH	34.3	-43.9	0	43.98	-	-	74	-30.02	0	101	H
			* 4.863325	38.52	VA1T	34.3	-43.9	0	28.92	54	-25.08	-	-	0	101	H
			* 4.881949	38.49	VA1T	34.3	-43.9	0	28.89	54	-25.11	-	-	157	101	V
			* 4.882003	54.43	PKFH	34.3	-43.9	0	44.83	-	-	74	-29.17	157	101	V
			* 7.323023	36.25	VA1T	35.5	-41.5	0	30.25	54	-23.75	-	-	311	116	V
			* 7.323219	51.87	PKFH	35.5	-41.5	0	45.87	-	-	74	-28.13	311	116	V
		3	9.763935	37.47	VA1T	37.2	-40.3	0	34.37	-	-	-	-	115	103	H
			9.763975	37.99	VA1T	37.2	-40.3	0	34.89	-	-	-	-	154	101	V
			9.764081	53.49	PKFH	37.2	-40.2	0	50.49	-	-	-	-	115	103	H
			9.76413	54.93	PKFH	37.2	-40.2	0	51.93	-	-	-	-	154	101	V
			* 12.204817	59.02	PKFH	38.9	-41.51	0	56.41	-	-	74	-17.59	360	289	V
			* 12.204822	38.91	VA1T	38.9	-41.51	0	36.3	54	-17.7	-	-	360	289	V
			* 12.205041	67.74	PKFH	38.9	-41.51	0	65.13	-	-	74	-8.87	10	163	H
			* 12.205086	39.98	VA1T	38.9	-41.51	0	37.37	54	-16.63	-	-	10	163	H
			* 4.881943	41.32	VA1T	34.2	-45.9	0	29.62	54	-24.38	-	-	302	204	V
			* 4.881952	58.58	PKFH	34.2	-45.9	0	46.88	-	-	74	-27.12	302	204	V
			* 4.881986	58.85	PKFH	34.2	-45.9	0	47.15	-	-	74	-26.85	40	121	H
			* 4.881911	40.98	VA1T	34.2	-45.9	0	29.28	54	-24.72	-	-	40	121	H
			* 7.322909	37.81	VA1T	35.5	-43.18	0	30.13	54	-23.87	-	-	328	181	H
			* 7.323091	53.08	PKFH	35.5	-43.18	0	45.4	-	-	74	-28.6	328	181	H
			6.603274	37.93	VA1T	35.7	-44.19	0	29.44	-	-	-	-	302	101	V
			6.627652	53.15	PKFH	35.7	-44.16	0	44.69	-	-	-	-	302	101	V
			9.763771	38.95	VA1T	37.2	-41.43	0	34.72	-	-	-	-	52	186	H
			9.763962	57.67	PKFH	37.2	-41.43	0	53.44	-	-	-	-	52	186	H

* - 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

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (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
BTCSM2	2480	4	* 11.151329	36.68	VA1T	37.6	-39.4	0	34.88	54	-19.12	-	-	360	101	H
			* 11.167347	51.34	PKFH	37.6	-38.7	0	50.24	-	-	74	-23.76	360	101	H
			* 12.399748	56.11	PKFH	39.3	-39	0	56.41	-	-	74	-17.59	176	101	V
			* 12.399832	37.64	VA1T	39.3	-39	0	37.94	54	-16.06	-	-	176	101	V
			* 4.959883	54.7	PKFH	34.2	-44.2	0	44.7	-	-	74	-29.3	359	104	V
			* 4.960021	38.76	VA1T	34.2	-44.2	0	28.76	54	-25.24	-	-	359	104	V
			* 4.972421	52.77	PKFH	34.2	-44.2	0	42.77	-	-	74	-31.23	360	101	H
			* 4.973959	37.92	VA1T	34.2	-44.2	0	27.92	54	-26.08	-	-	360	101	H
			* 7.445335	50.93	PKFH	35.6	-41.4	0	45.13	-	-	74	-28.87	360	101	H
			* 7.448099	35.9	VA1T	35.6	-41.5	0	30	54	-24	-	-	360	101	H
			9.919853	53.74	PKFH	37.5	-39.3	0	51.94	-	-	-	-	150	109	V
			9.920018	37.02	VA1T	37.5	-39.3	0	35.22	-	-	-	-	150	109	V
		3	* 12.399729	39.56	VA1T	38.8	-41.28	0	37.08	54	-16.92	-	-	8	168	H
			* 12.399773	38.17	VA1T	38.8	-41.28	0	35.69	54	-18.31	-	-	286	110	V
			* 12.400031	65.66	PKFH	38.8	-41.28	0	63.18	-	-	74	-10.82	8	168	H
			* 12.40008	56.25	PKFH	38.8	-41.28	0	53.77	-	-	74	-20.23	286	110	V
			* 4.959828	59.52	PKFH	34.2	-45.87	0	47.85	-	-	74	-26.15	34	101	H
			* 4.959979	41.07	VA1T	34.2	-45.87	0	29.4	54	-24.6	-	-	34	101	H
			* 4.960007	57.85	PKFH	34.2	-45.87	0	46.18	-	-	74	-27.82	360	153	V
			* 4.960091	40.62	VA1T	34.2	-45.87	0	28.95	54	-25.05	-	-	360	153	V
			* 7.425043	52.65	PKFH	35.6	-42.94	0	45.31	-	-	74	-28.69	11	204	V
			* 7.439937	37.83	VA1T	35.6	-42.89	0	30.54	54	-23.46	-	-	284	186	H
			* 7.439972	37.59	VA1T	35.6	-42.89	0	30.3	54	-23.7	-	-	11	204	V
			* 7.440021	54.03	PKFH	35.6	-42.89	0	46.74	-	-	74	-27.26	284	186	H
			6.605236	37.96	VA1T	35.7	-44.19	0	29.47	-	-	-	-	286	200	V
			6.62045	52.79	PKFH	35.7	-44.17	0	44.32	-	-	-	-	286	200	V
			9.919989	58.53	PKFH	37.5	-42.03	0	54	-	-	-	-	50	173	H
			9.920052	39.4	VA1T	37.5	-42.03	0	34.87	-	-	-	-	50	173	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

9.1.25. SPURIOUS EMISSIONS – 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)	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 (GFSK)	2402	4 + 3	* 11.697958	52.48	PKFH	38.6	-41.7	0	49.38	-	-	74	-24.62	360	101	H
			* 11.705474	39.3	VA1T	38.7	-41.7	0	36.3	54	-17.7	-	-	360	101	H
			* 11.715418	38.94	VA1T	38.7	-41.7	0	35.94	54	-18.06	-	-	360	200	V
			* 11.721356	52.7	PKFH	38.7	-41.7	0	49.7	-	-	74	-24.3	360	200	V
			* 3.721692	40.82	VA1T	33.3	-44.67	0	29.45	54	-24.55	-	-	360	200	H
			* 3.733061	54.52	PKFH	33.3	-44.8	0	43.02	-	-	74	-30.98	360	200	V
			* 3.73659	40.69	VA1T	33.3	-44.7	0	29.29	54	-24.71	-	-	360	200	V
			* 3.739168	54.27	PKFH	33.3	-44.8	0	42.77	-	-	74	-31.23	360	200	H
			* 7.416422	38.6	VA1T	35.6	-43.3	0	30.9	54	-23.1	-	-	360	200	H
			* 7.424633	51.9	PKFH	35.6	-43.2	0	44.3	-	-	74	-29.7	360	101	V
			* 7.444455	38.56	VA1T	35.6	-43.2	0	30.96	54	-23.04	-	-	360	101	V
			* 7.446128	51.82	PKFH	35.6	-43.2	0	44.22	-	-	74	-29.78	360	200	H
	2441	4 + 3	* 11.915597	52.1	PKFH	38.9	-41.1	0	49.9	-	-	74	-24.1	360	101	H
			* 11.92846	39.06	VA1T	39	-41.2	0	36.86	54	-17.14	-	-	360	101	V
			* 11.9299	52.17	PKFH	39	-41.2	0	49.97	-	-	74	-24.03	360	101	V
			* 11.933029	38.95	VA1T	39	-41.2	0	36.75	54	-17.25	-	-	360	101	H
			* 3.862849	53.97	PKFH	33.4	-44.92	0	42.45	-	-	74	-31.55	360	200	V
			* 3.874604	40.57	VA1T	33.4	-44.9	0	29.07	54	-24.93	-	-	360	200	V
			* 3.880309	53.87	PKFH	33.5	-44.9	0	42.47	-	-	74	-31.53	360	200	H
			* 3.884633	40.63	VA1T	33.5	-44.96	0	29.17	54	-24.83	-	-	360	200	H
			* 7.525416	38.4	VA1T	35.7	-43	0	31.1	54	-22.9	-	-	360	101	H
			* 7.526117	38.42	VA1T	35.7	-43	0	31.12	54	-22.88	-	-	360	200	V
			* 7.526552	52.08	PKFH	35.7	-43	0	44.78	-	-	74	-29.22	360	200	V
			* 7.532128	51.71	PKFH	35.7	-43	0	44.41	-	-	74	-29.59	360	101	H
	2480	4 + 3	* 12.274969	38.61	VA1T	38.9	-40.7	0	36.81	54	-17.19	-	-	360	101	H
			* 12.287716	52.55	PKFH	38.8	-40.9	0	50.45	-	-	74	-23.55	360	101	H
			* 12.290394	51.66	PKFH	38.8	-40.9	0	49.56	-	-	74	-24.44	360	200	V
			* 12.301252	38.28	VA1T	38.8	-41.1	0	35.98	54	-18.02	-	-	360	200	V
			* 3.798007	40.26	VA1T	33.4	-44.8	0	28.86	54	-25.14	-	-	360	200	V
			* 3.799319	53.13	PKFH	33.4	-44.83	0	41.7	-	-	74	-32.3	360	101	H
			* 3.800279	39.92	VA1T	33.4	-44.9	0	28.42	54	-25.58	-	-	360	101	H
			* 3.803003	54.08	PKFH	33.4	-44.8	0	42.68	-	-	74	-31.32	360	200	V
			* 8.269427	52.79	PKFH	36.1	-42.6	0	46.29	-	-	74	-27.71	360	101	V
			* 8.300254	39.76	VA1T	36	-42.3	0	33.46	54	-20.54	-	-	360	101	V
			* 8.306451	52.68	PKFH	36	-42.1	0	46.58	-	-	74	-27.42	360	200	H
			* 8.307522	39.49	VA1T	36	-42.1	0	33.39	54	-20.61	-	-	360	200	H

* - 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

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (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
EDR (8PSK)	2402	4 + 3	* 11.561907	52.3	PKFH	38.3	-41.8	0	48.8	-	-	74	-25.2	360	101	H
			* 11.576134	52	PKFH	38.4	-41.79	0	48.61	-	-	74	-25.39	360	200	V
			* 11.576609	39.2	VA1T	38.4	-41.74	0	35.86	54	-18.14	-	-	360	101	H
			* 11.576925	39.06	VA1T	38.4	-41.71	0	35.75	54	-18.25	-	-	360	200	V
			* 3.680792	41.42	VA1T	33.2	-45	0	29.62	54	-24.38	-	-	360	200	H
			* 3.682143	55.6	PKFH	33.2	-45.09	0	43.71	-	-	74	-30.29	360	200	H
			* 3.690967	41.59	VA1T	33.2	-45	0	29.79	54	-24.21	-	-	360	200	V
			* 3.694421	55.53	PKFH	33.2	-45	0	43.73	-	-	74	-30.27	360	200	V
			* 7.50882	51.99	PKFH	35.6	-42.8	0	44.79	-	-	74	-29.21	360	200	V
			* 7.514238	38.8	VA1T	35.7	-42.8	0	31.7	54	-22.3	-	-	360	200	V
			* 7.515851	38.74	VA1T	35.7	-42.8	0	31.64	54	-22.36	-	-	360	200	H
			* 7.516242	51.95	PKFH	35.7	-42.8	0	44.85	-	-	74	-29.15	360	200	H
	2441	4 + 3	* 12.234991	52.01	PKFH	38.9	-40.9	0	50.01	-	-	74	-23.99	360	101	H
			* 12.247311	38.99	VA1T	39	-41	0	36.99	54	-17.01	-	-	360	101	V
			* 12.252911	38.97	VA1T	39	-41	0	36.97	54	-17.03	-	-	360	101	H
			* 12.269929	52.77	PKFH	38.9	-40.8	0	50.87	-	-	74	-23.13	360	101	V
			* 4.273593	55.7	PKFH	33.6	-46.4	0	42.9	-	-	74	-31.1	360	200	H
			* 4.281602	42.47	VA1T	33.6	-46.5	0	29.57	54	-24.43	-	-	360	200	H
			* 4.288669	55.91	PKFH	33.6	-46.4	0	43.11	-	-	74	-30.89	360	200	V
			* 4.290945	42.23	VA1T	33.6	-46.3	0	29.53	54	-24.47	-	-	360	200	V
			* 7.602936	38.8	VA1T	35.8	-42.9	0	31.7	54	-22.3	-	-	360	200	V
			* 7.608194	52.89	PKFH	35.7	-42.9	0	45.69	-	-	74	-28.31	360	200	H
			* 7.613834	38.71	VA1T	35.7	-42.9	0	31.51	54	-22.49	-	-	360	200	H
			* 7.614545	52.19	PKFH	35.7	-42.9	0	44.99	-	-	74	-29.01	360	200	V
	2480	4 + 3	* 12.471349	39.25	VA1T	38.8	-40.5	0	37.55	54	-16.45	-	-	360	101	V
			* 12.498545	52.52	PKFH	38.7	-40.6	0	50.62	-	-	74	-23.38	360	101	V
			* 12.503225	52.56	PKFH	38.7	-40.58	0	50.68	-	-	74	-23.32	360	101	H
			* 12.47266	39.22	VA1T	38.8	-40.5	0	37.52	54	-16.48	-	-	360	101	H
			* 3.633061	41.51	VA1T	33.2	-45.09	0	29.62	54	-24.38	-	-	360	101	V
			* 3.635741	55.05	PKFH	33.2	-45	0	43.25	-	-	74	-30.75	360	101	V
			* 3.639275	55.29	PKFH	33.2	-45.1	0	43.39	-	-	74	-30.61	360	200	H
			* 3.64167	41.72	VA1T	33.2	-45	0	29.92	54	-24.08	-	-	360	200	H
			* 7.388775	39.12	VA1T	35.6	-43.4	0	31.32	54	-22.68	-	-	360	101	H
			* 7.398202	52.88	PKFH	35.6	-43.4	0	45.08	-	-	74	-28.92	360	101	H
			* 7.412882	53.04	PKFH	35.6	-43.3	0	45.34	-	-	74	-28.66	360	200	V
			* 7.387908	39.16	VA1T	35.6	-43.4	0	31.36	54	-22.64	-	-	360	200	V

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

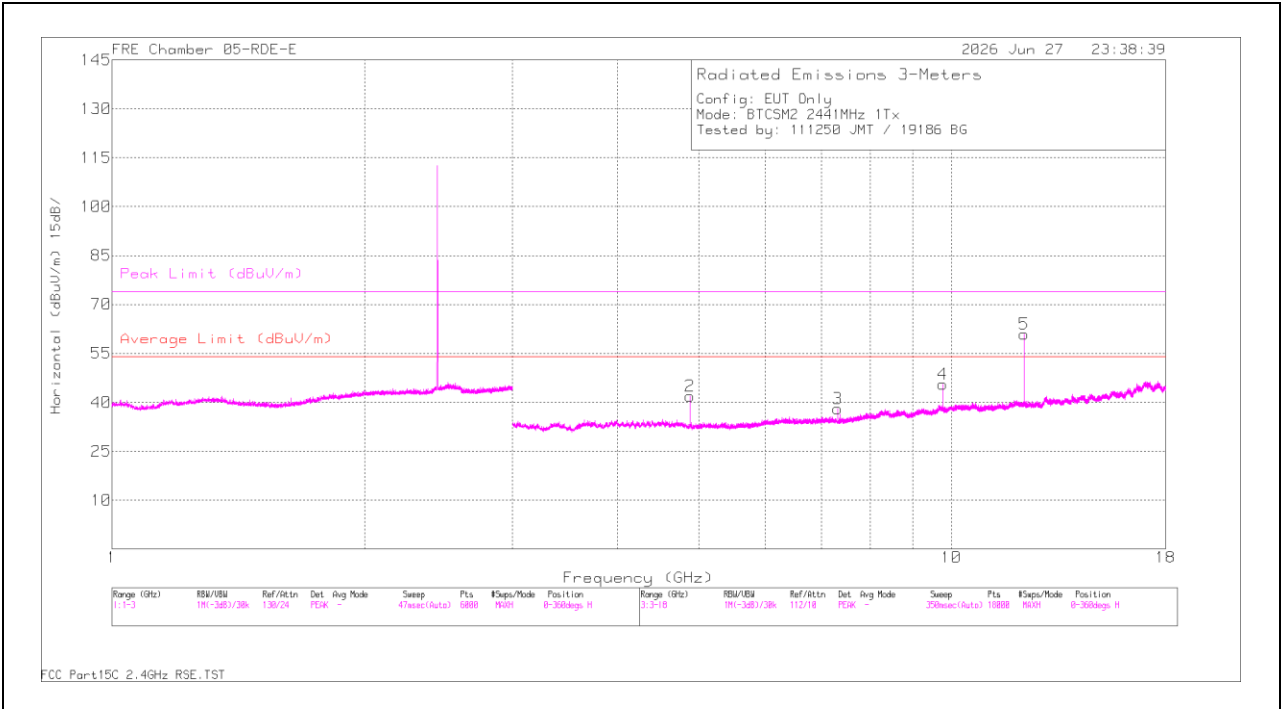
Pk - Peak detector

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

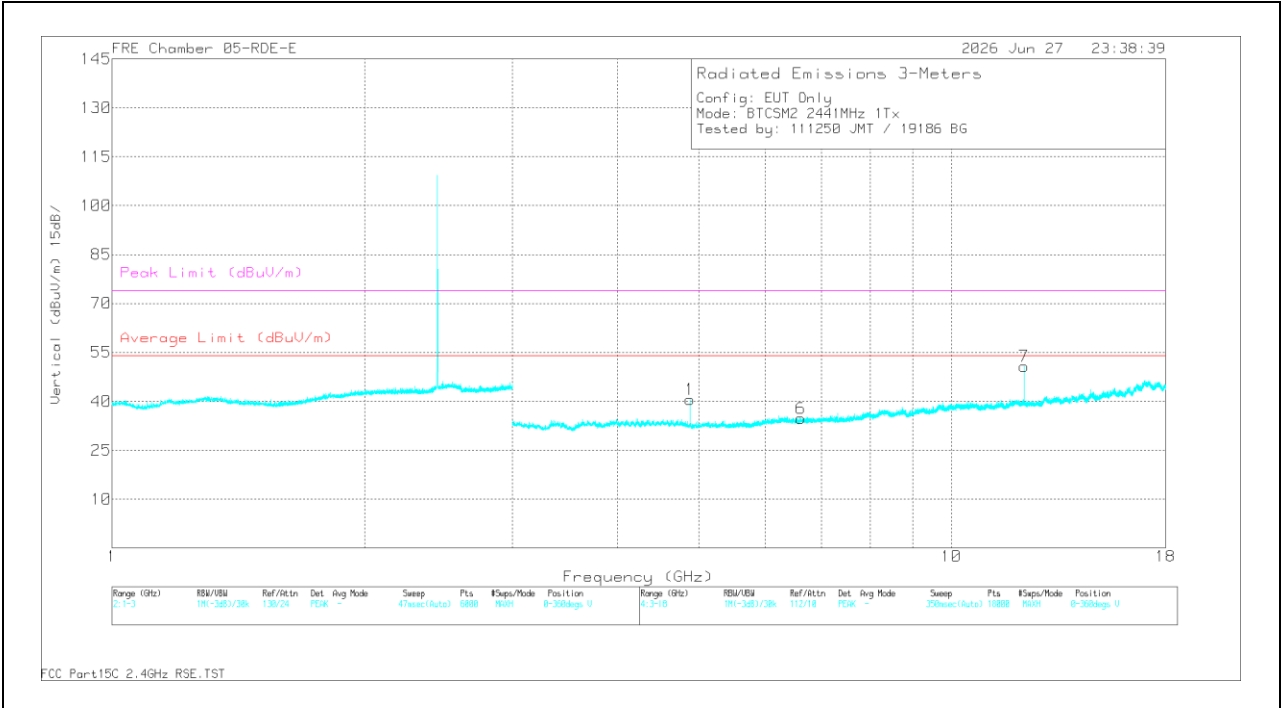
9.1.26. SPURIOUS EMISSIONS – WORST-CASE

BTCSM2 / 2441 MHz / HIGH POWER / SISO ANT 3

HORIZONTAL RESULT



VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206805 ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 12.20482	59.02	PKFH	38.9	-41.51	0	56.41	-	-	74	-17.59	360	289	V
	* 12.20482	38.91	VA1T	38.9	-41.51	0	36.3	54	-17.7	-	-	360	289	V
5	* 12.20504	67.74	PKFH	38.9	-41.51	0	65.13	-	-	74	-8.87	10	163	H
	* 12.20509	39.98	VA1T	38.9	-41.51	0	37.37	54	-16.63	-	-	10	163	H
1	* 4.881943	41.32	VA1T	34.2	-45.9	0	29.62	54	-24.38	-	-	302	204	V
	* 4.881952	58.58	PKFH	34.2	-45.9	0	46.88	-	-	74	-27.12	302	204	V
2	* 4.881986	58.85	PKFH	34.2	-45.9	0	47.15	-	-	74	-26.85	40	121	H
	* 4.881911	40.98	VA1T	34.2	-45.9	0	29.28	54	-24.72	-	-	40	121	H
3	* 7.322909	37.81	VA1T	35.5	-43.18	0	30.13	54	-23.87	-	-	328	181	H
	* 7.323091	53.08	PKFH	35.5	-43.18	0	45.4	-	-	74	-28.6	328	181	H
6	6.603274	37.93	VA1T	35.7	-44.19	0	29.44	-	-	-	-	302	101	V
	6.627652	53.15	PKFH	35.7	-44.16	0	44.69	-	-	-	-	302	101	V
4	9.763771	38.95	VA1T	37.2	-41.43	0	34.72	-	-	-	-	52	186	H
	9.763962	57.67	PKFH	37.2	-41.43	0	53.44	-	-	-	-	52	186	H

* - 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