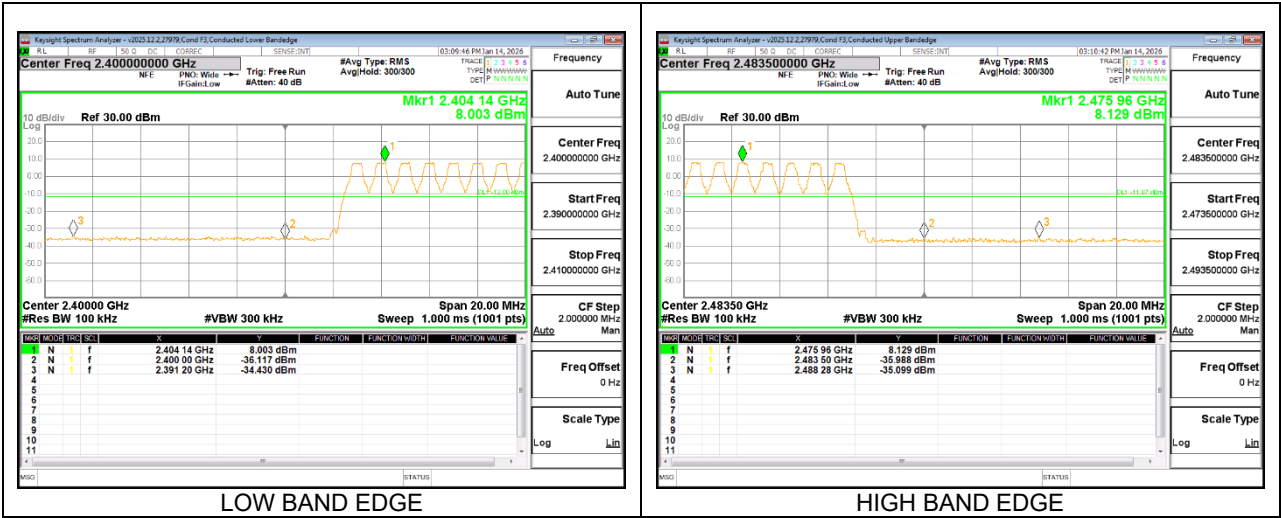


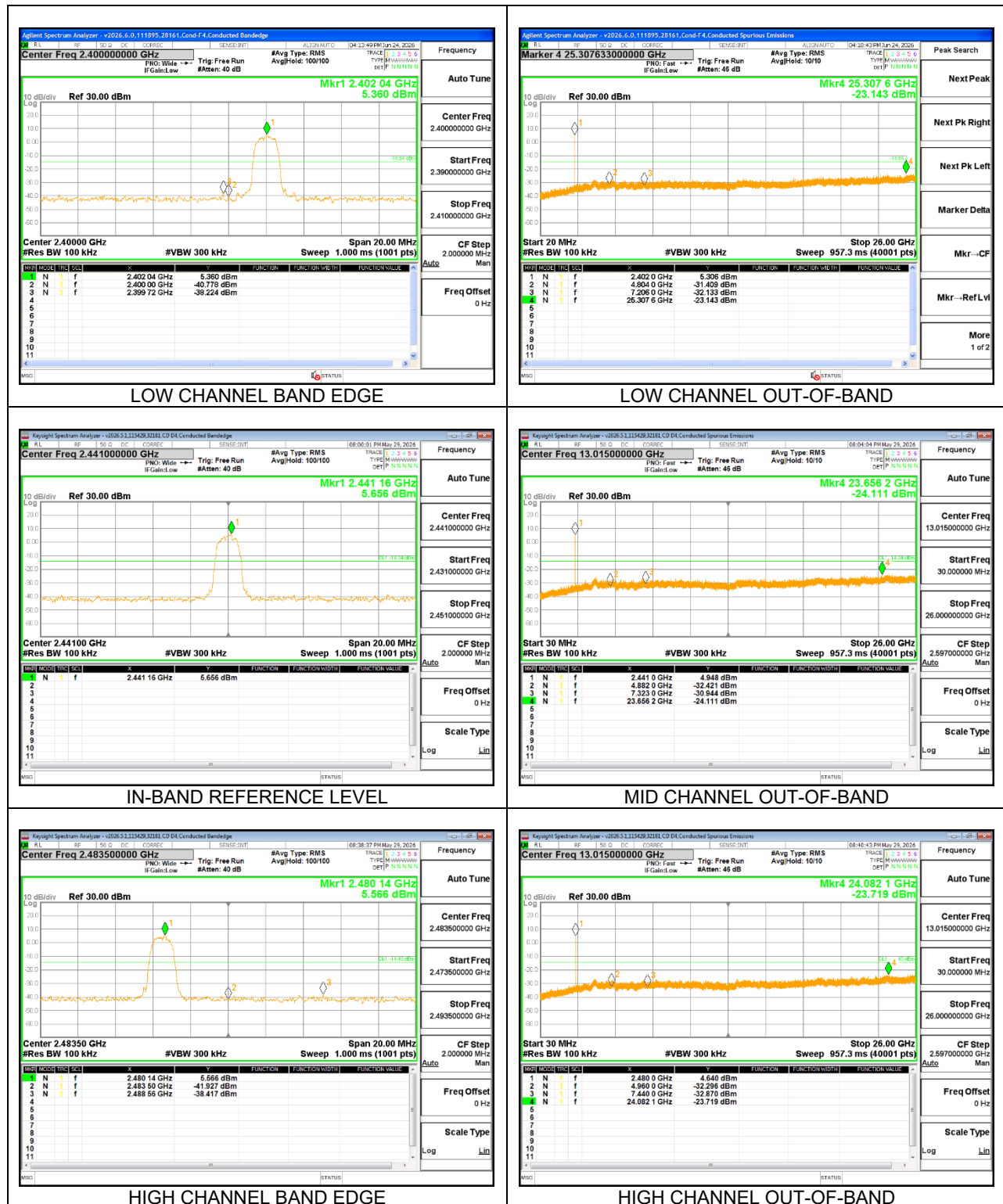
ANT 3 (NON-HOPPING)

ANT 3 (HOPPING)

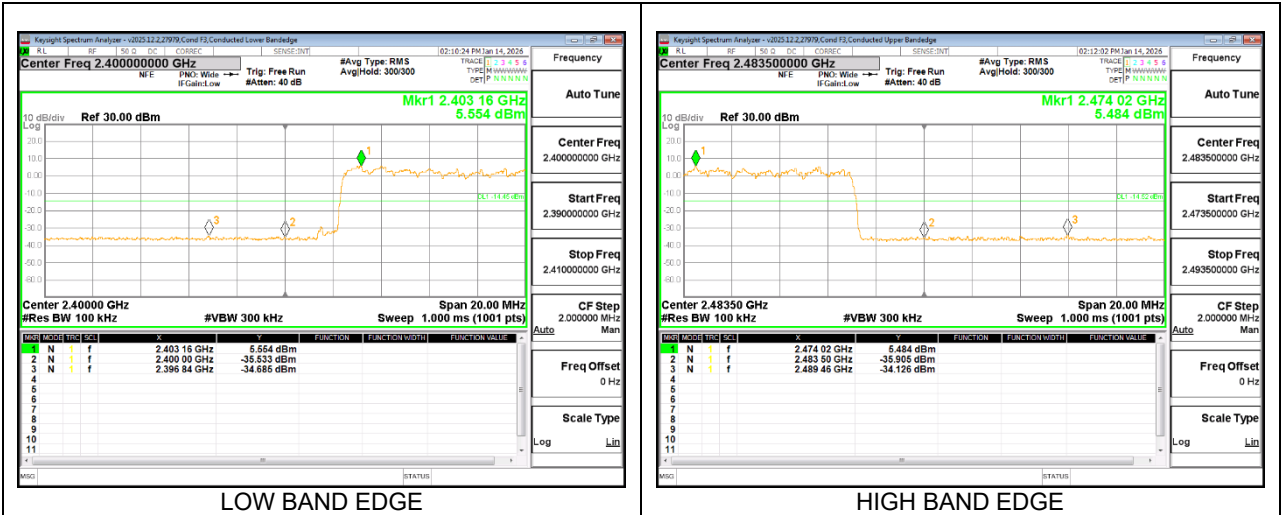


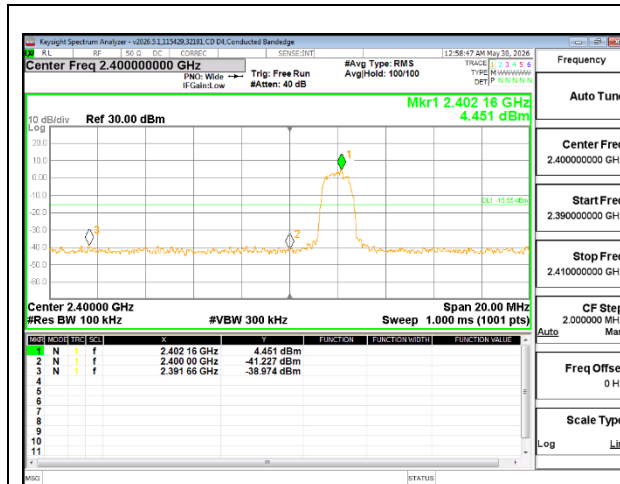
8.8.8. EDR (8PSK) – LOW POWER – SISO

ANT 4 (NON-HOPPING)

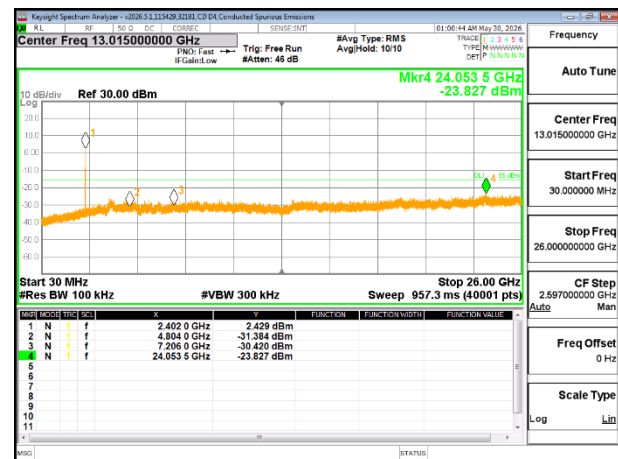


ANT 4 (HOPPING)

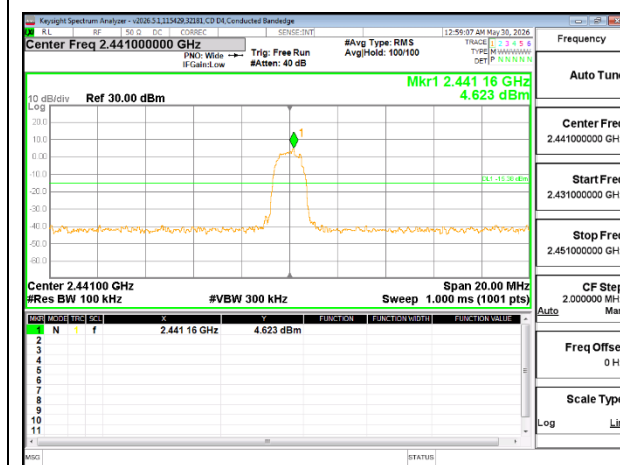


ANT 3 (NON-HOPPING)

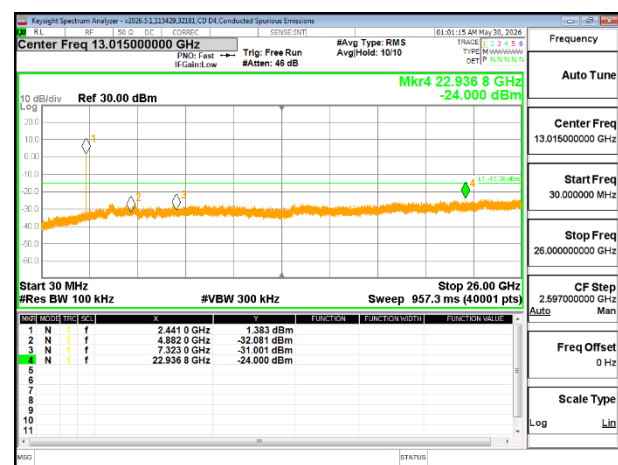
LOW CHANNEL BAND EDGE



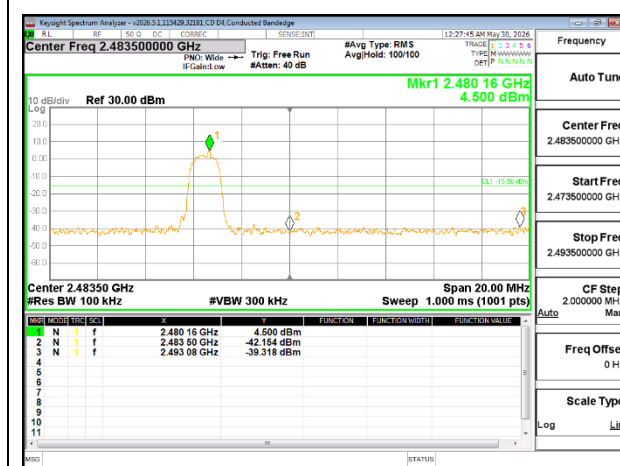
LOW CHANNEL OUT-OF-BAND



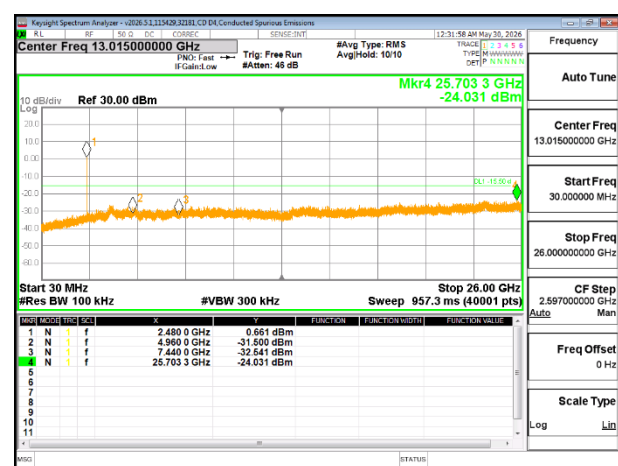
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



HIGH CHANNEL BAND EDGE



HIGH CHANNEL OUT-OF-BAND

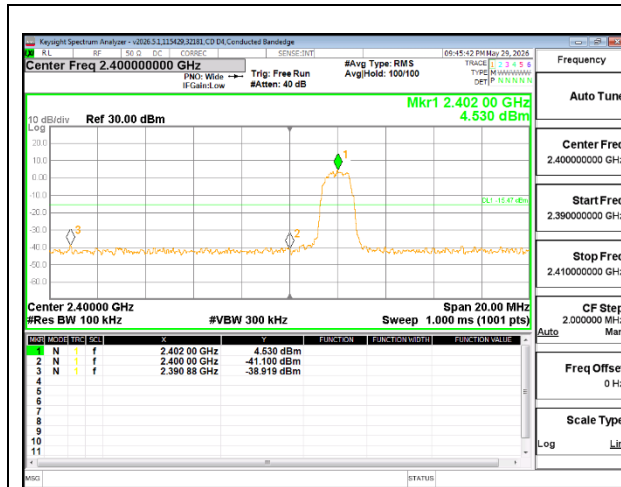
ANT 3 (HOPPING)



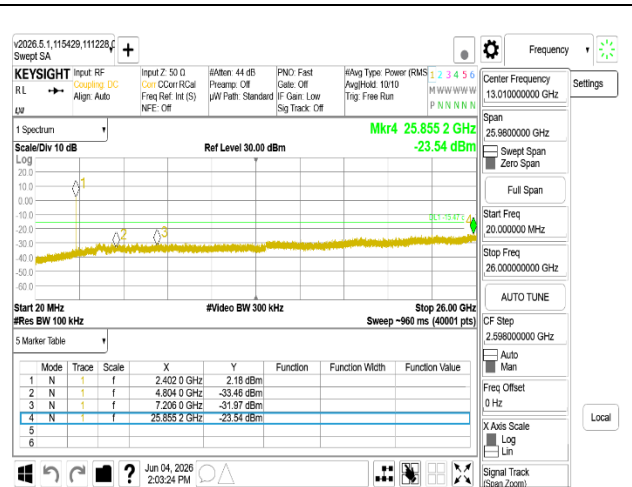
MN	MODE	TRC	SC	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.479 08 GHz			2.976 dBm
2	N	f		2.483 50 GHz			-36.817 dBm
3	N	f		2.488 72 GHz			-34.231 dBm

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

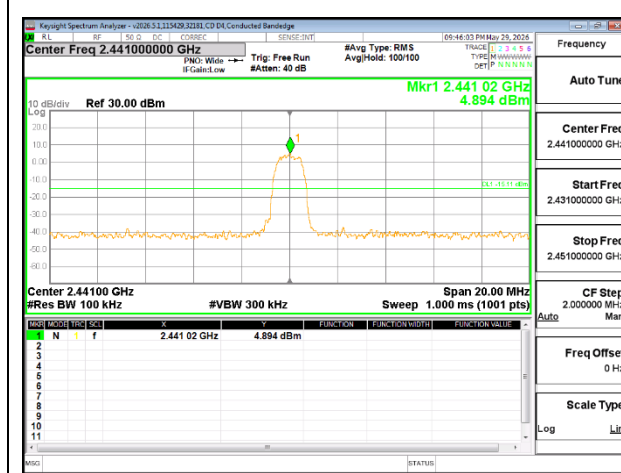
ANT 4 (NON-HOPPING)



LOW CHANNEL BAND EDGE



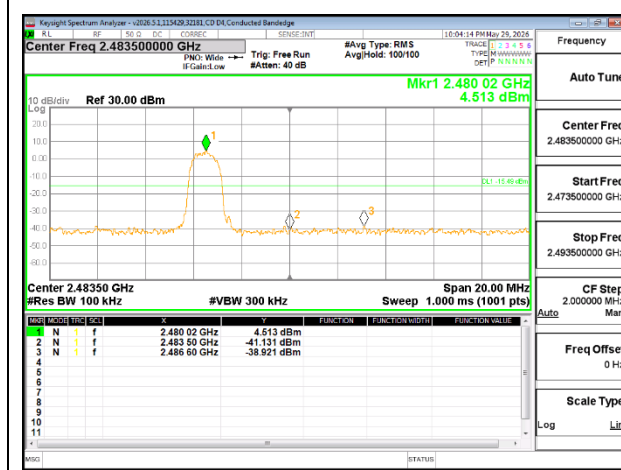
LOW CHANNEL OUT-OF-BAND



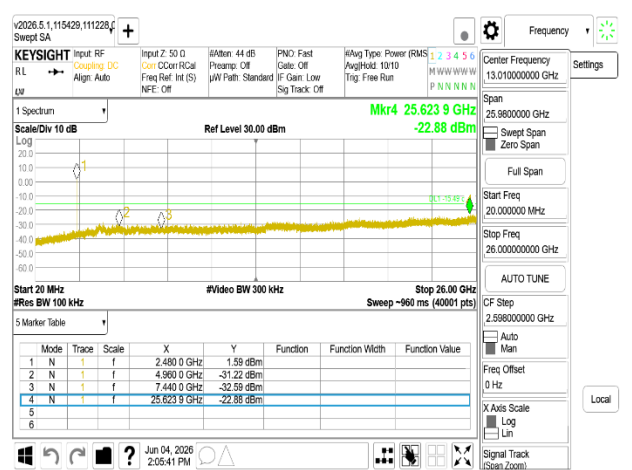
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



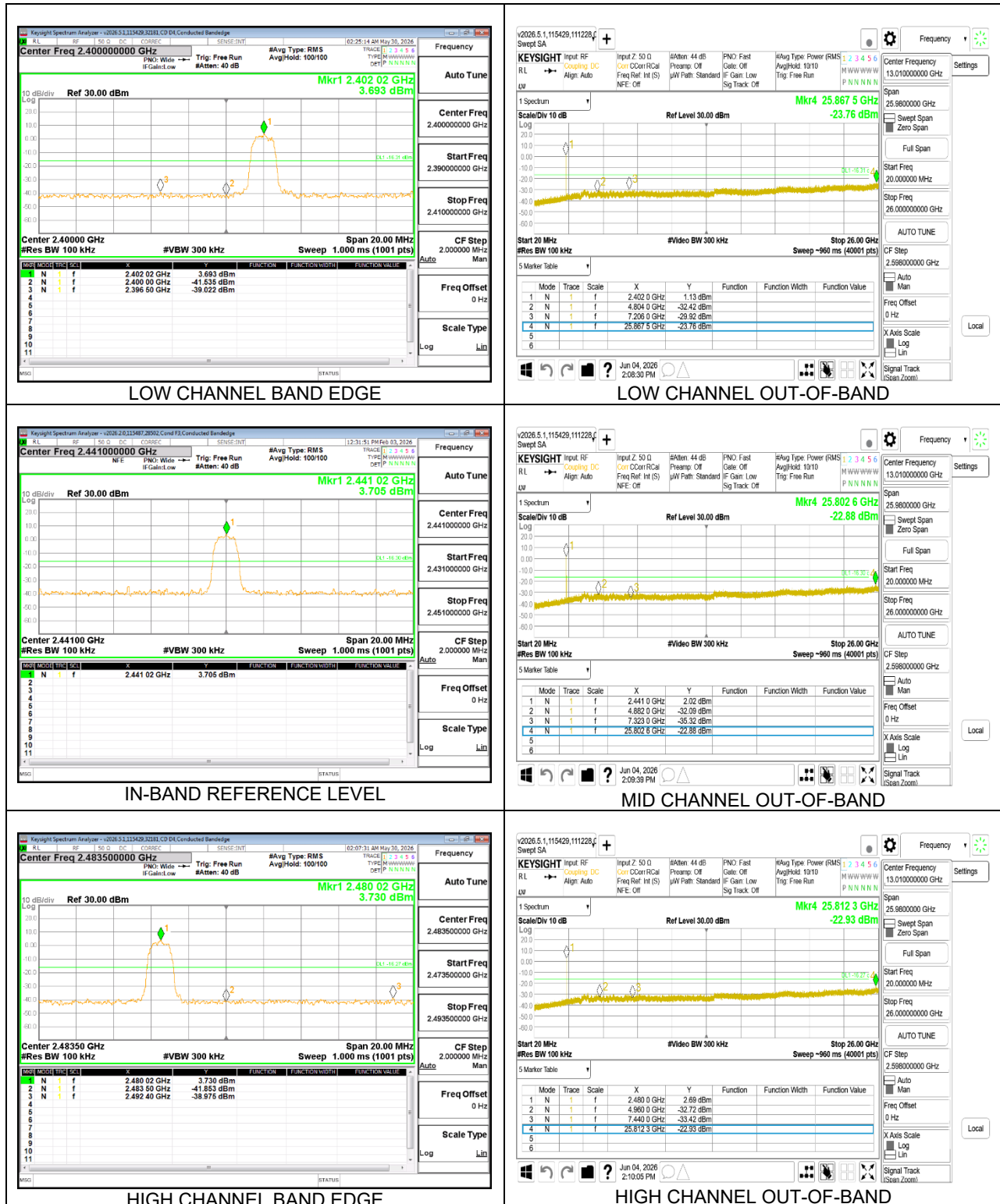
HIGH CHANNEL BAND EDGE



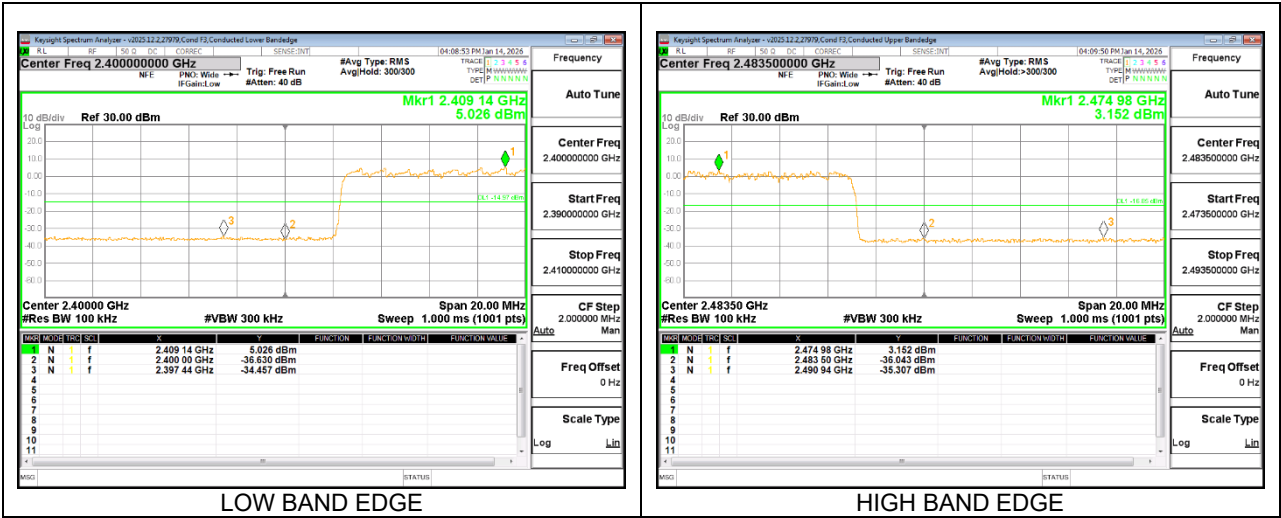
HIGH CHANNEL OUT-OF-BAND

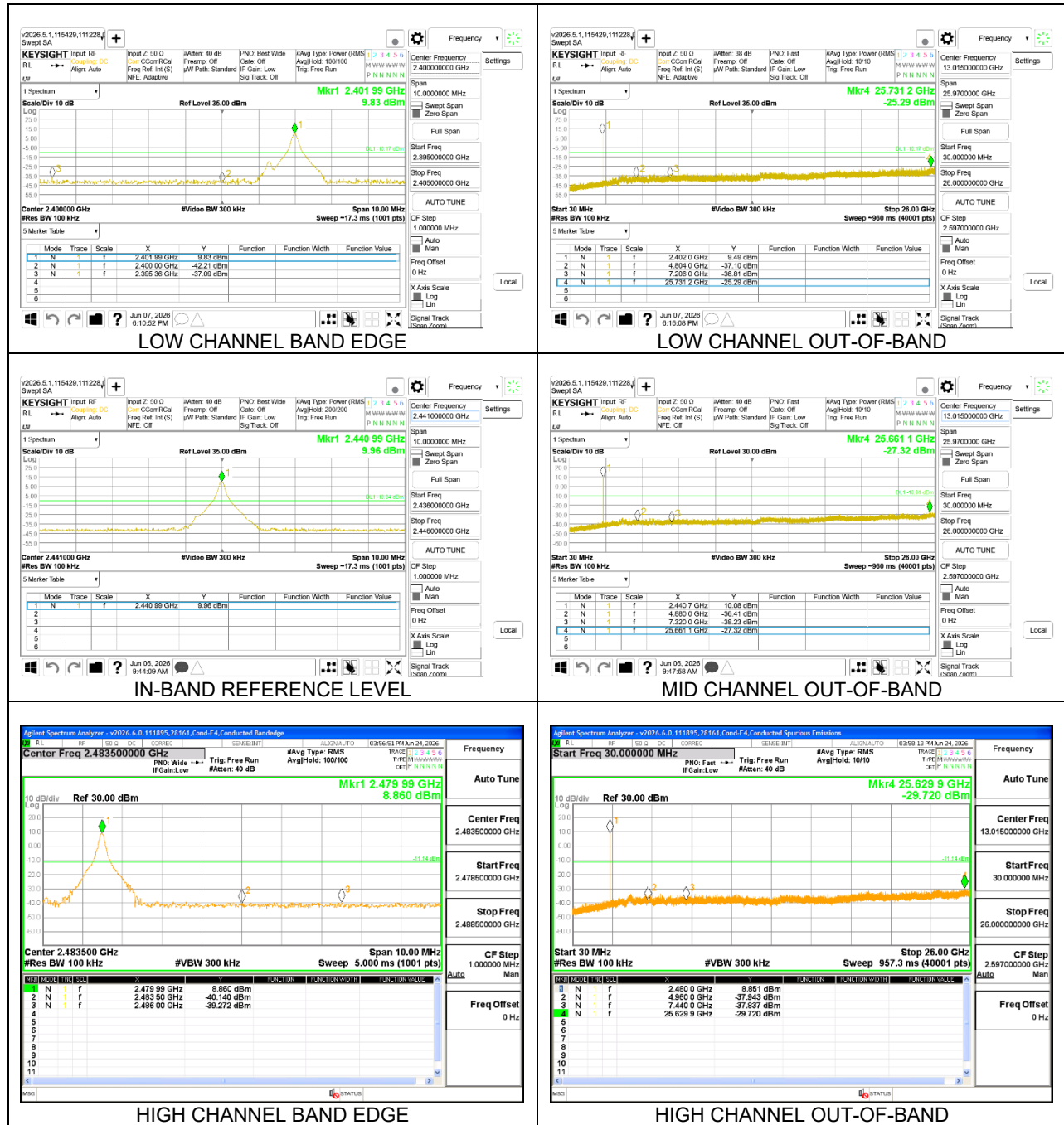
ANT 4 (HOPPING)



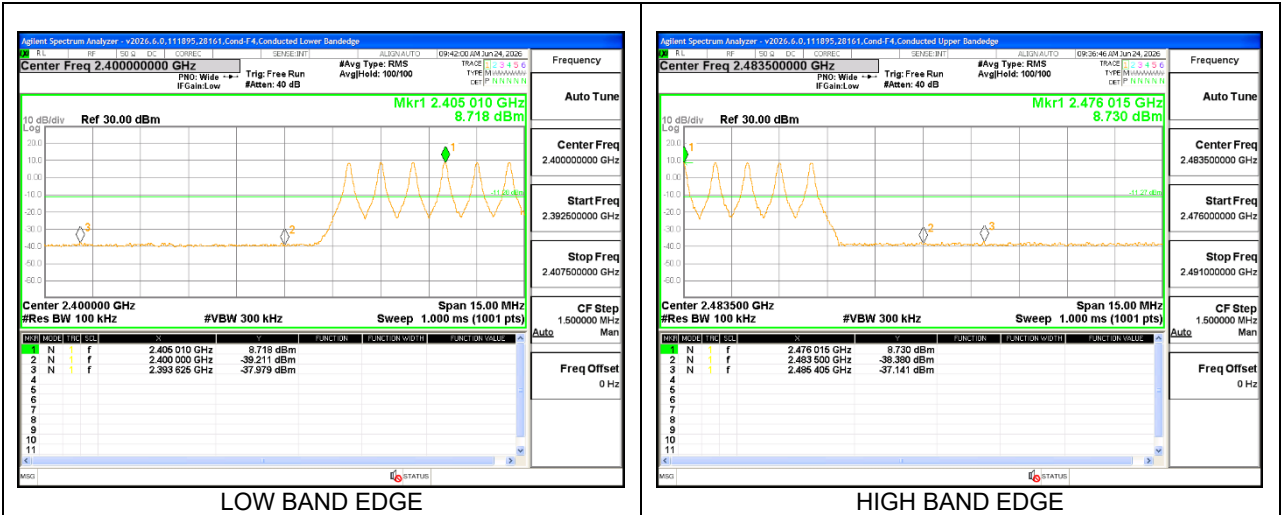
ANT 3 (NON-HOPPING)

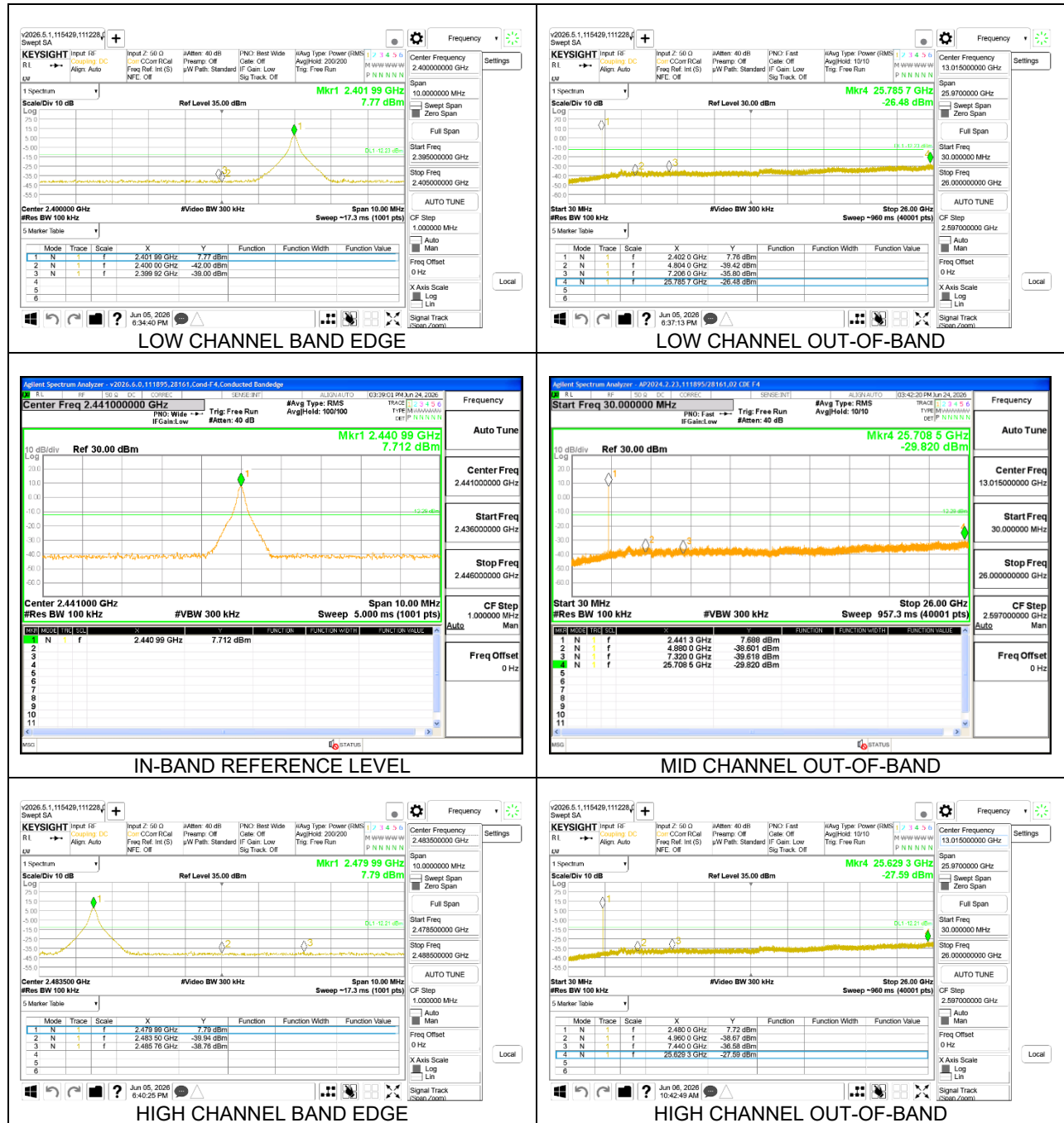
ANT 3 (HOPPING)

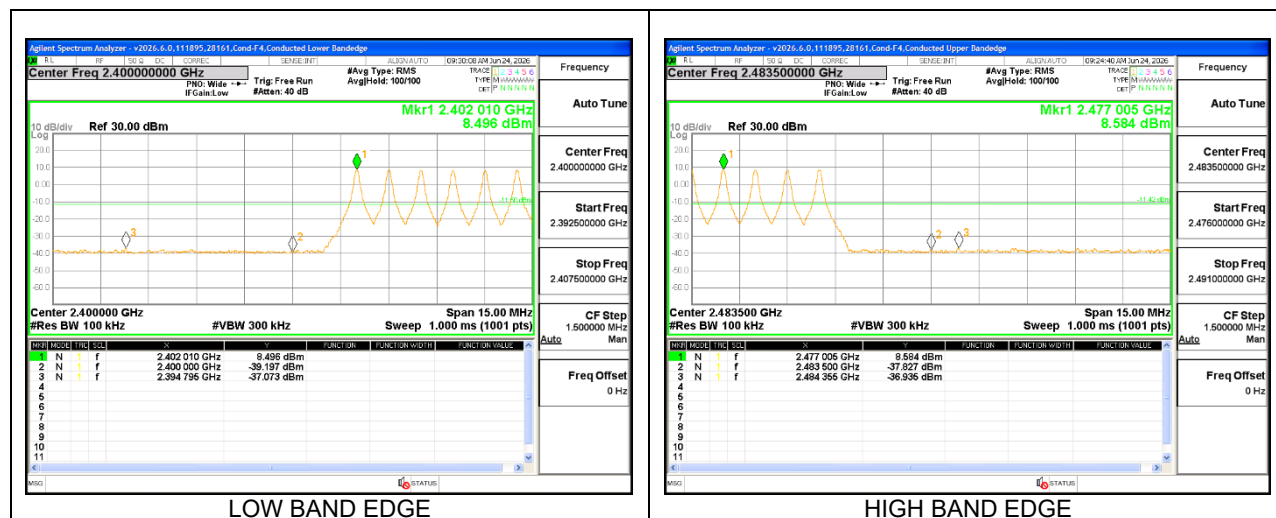


8.8.10. BTCSM2 – LOW POWER – SISO**ANT 4 (NON-HOPPING)**

ANT 4 (HOPPING)



ANT 3 (NON-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 47 CFR 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 these sections are for reference settings only for different bandwidth and different antenna.

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/ 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	59.93	Pk	32.2	-38.9	53.23	-	-	74	-20.77	34	119	H
			* 2.334236	62.7	Pk	32	-39	55.7	-	-	74	-18.3	34	119	H
			* 2.39	47.65	VA1T	32.2	-38.9	40.95	54	-13.05	-	-	34	119	H
			* 2.387671	47.8	VA1T	32.2	-38.9	41.1	54	-12.9	-	-	34	119	H
			* 2.39	59.49	Pk	32.2	-38.9	52.79	-	-	74	-21.21	206	294	V
			* 2.380349	62.53	Pk	32.1	-38.9	55.73	-	-	74	-18.27	206	294	V
		3	* 2.39	47.49	VA1T	32.2	-38.9	40.79	54	-13.21	-	-	206	294	V
			* 2.360757	47.99	VA1T	32.1	-39	41.09	54	-12.91	-	-	206	294	V
			* 2.39	60.66	Pk	32.2	-38.9	53.96	-	-	74	-20.04	207	101	H
			* 2.388253	62.11	Pk	32.2	-38.9	55.41	-	-	74	-18.59	207	101	H
			* 2.39	47.41	VA1T	32.2	-38.9	40.71	54	-13.29	-	-	207	101	H
			* 2.389694	47.9	VA1T	32.2	-38.9	41.2	54	-12.8	-	-	207	101	H
			* 2.39	59.7	Pk	32.2	-38.9	53	-	-	74	-21	195	392	V
			* 2.341019	63.03	Pk	32	-39	56.03	-	-	74	-17.97	195	392	V
			* 2.39	47.2	VA1T	32.2	-38.9	40.5	54	-13.5	-	-	195	392	V
			* 2.389854	47.74	VA1T	32.2	-38.9	41.04	54	-12.96	-	-	195	392	V
EDR (8PSK)	2402	4	* 2.39	60.07	Pk	32.2	-38.9	53.37	-	-	74	-20.63	33	119	H
			* 2.341659	63.21	Pk	32	-39	56.21	-	-	74	-17.79	33	119	H
			* 2.39	47.31	VA1T	32.2	-38.9	40.61	54	-13.39	-	-	33	119	H
			* 2.388195	47.84	VA1T	32.2	-38.9	41.14	54	-12.86	-	-	33	119	H
			* 2.39	59.75	Pk	32.2	-38.9	53.05	-	-	74	-20.95	204	294	V
			* 2.355488	62.39	Pk	32	-39	55.39	-	-	74	-18.61	204	294	V
		3	* 2.39	47.45	VA1T	32.2	-38.9	40.75	54	-13.25	-	-	204	294	V
			* 2.387976	47.76	VA1T	32.2	-38.9	41.06	54	-12.94	-	-	204	294	V
			* 2.39	59.83	Pk	32.2	-38.9	53.13	-	-	74	-20.87	205	217	H
			* 2.311441	62.55	Pk	31.9	-39.1	55.35	-	-	74	-18.65	205	217	H
			* 2.39	47.35	VA1T	32.2	-38.9	40.65	54	-13.35	-	-	205	217	H
			* 2.385051	47.76	VA1T	32.2	-38.9	41.06	54	-12.94	-	-	205	217	H
			* 2.39	59.73	Pk	32.2	-38.9	53.03	-	-	74	-20.97	199	392	V
			* 2.378151	62.36	Pk	32.1	-38.9	55.56	-	-	74	-18.44	199	392	V
			* 2.39	47.39	VA1T	32.2	-38.9	40.69	54	-13.31	-	-	199	392	V
			* 2.38984	47.81	VA1T	32.2	-38.9	41.11	54	-12.89	-	-	199	392	V
BTCSM2	2402	4	* 2.39	60.29	Pk	32.2	-38.9	53.59	-	-	74	-20.41	29	122	H
			* 2.334731	62.7	Pk	32	-39	55.7	-	-	74	-18.3	29	122	H
			* 2.39	47.63	VA1T	32.2	-38.9	40.93	54	-13.07	-	-	29	122	H
			* 2.368661	51.99	VA1T	32.1	-39	45.09	54	-8.91	-	-	29	122	H
			* 2.39	59.54	Pk	32.2	-38.9	52.84	-	-	74	-21.16	206	294	V
			* 2.361077	63.53	Pk	32.1	-39	56.63	-	-	74	-17.37	206	294	V
		3	* 2.39	48.79	VA1T	32.2	-38.9	42.09	54	-11.91	-	-	206	294	V
			* 2.381499	51.67	VA1T	32.2	-38.9	44.97	54	-9.03	-	-	206	294	V
			* 2.39	60.26	Pk	32.2	-38.9	53.56	-	-	74	-20.44	212	101	H
			* 2.371397	62.36	Pk	32.1	-38.9	55.56	-	-	74	-18.44	212	101	H
			* 2.39	47.32	VA1T	32.2	-38.9	40.62	54	-13.38	-	-	212	101	H
			* 2.33786	51.72	VA1T	32	-39	44.72	54	-9.28	-	-	212	101	H
			* 2.39	60.1	Pk	32.2	-38.9	53.4	-	-	74	-20.6	192	391	V
			* 2.375284	62.46	Pk	32.1	-39	55.56	-	-	74	-18.44	192	391	V
			* 2.39	46.31	VA1T	32.2	-38.9	39.61	54	-14.39	-	-	192	391	V
			* 2.366142	51.66	VA1T	32.1	-38.9	44.86	54	-9.14	-	-	192	391	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/ 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	60.22	Pk	32.2	-38.9	53.52	-	-	74	-20.48	226	138	H
			* 2.311761	62.36	Pk	31.9	-39	55.26	-	-	74	-18.74	226	138	H
			* 2.39	47.13	VA1T	32.2	-38.9	40.43	54	-13.57	-	-	226	138	H
			* 2.3854	47.61	VA1T	32.2	-38.9	40.91	54	-13.09	-	-	226	138	H
			* 2.39	59.91	Pk	32.2	-38.9	53.21	-	-	74	-20.79	225	393	V
			* 2.367351	62.93	Pk	32.1	-39	56.03	-	-	74	-17.97	225	393	V
			* 2.39	47.29	VA1T	32.2	-38.9	40.59	54	-13.41	-	-	225	393	V
			* 2.388253	47.75	VA1T	32.2	-38.9	41.05	54	-12.95	-	-	225	393	V
EDR (8PSK)	2402	4+3	* 2.39	59.28	Pk	32.2	-38.9	52.58	-	-	74	-21.42	226	140	H
			* 2.374876	62.26	Pk	32.1	-39	55.36	-	-	74	-18.64	226	140	H
			* 2.39	47.14	VA1T	32.2	-38.9	40.44	54	-13.56	-	-	226	140	H
			* 2.371252	47.64	VA1T	32.1	-38.9	40.84	54	-13.16	-	-	226	140	H
			* 2.39	59.53	Pk	32.2	-38.9	52.83	-	-	74	-21.17	229	392	V
			* 2.380698	62.16	Pk	32.2	-38.9	55.46	-	-	74	-18.54	229	392	V
			* 2.39	47.56	VA1T	32.2	-38.9	40.86	54	-13.14	-	-	229	392	V
			* 2.389898	47.87	VA1T	32.2	-38.9	41.17	54	-12.83	-	-	229	392	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/ 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	60.54	Pk	32.2	-38.9	53.84	-	-	74	-20.16	29	120	H
			* 2.3277	62.44	Pk	31.9	-39.1	55.24	-	-	74	-18.76	29	120	H
			* 2.39	47.44	VA1T	32.2	-38.9	40.74	54	-13.26	-	-	29	120	H
			* 2.385313	47.83	VA1T	32.2	-38.9	41.13	54	-12.87	-	-	29	120	H
			* 2.39	60.95	Pk	32.2	-38.9	54.25	-	-	74	-19.75	204	294	V
			* 2.372722	62.58	Pk	32.1	-39	55.68	-	-	74	-18.32	204	294	V
		3	* 2.39	47.31	VA1T	32.2	-38.9	40.61	54	-13.39	-	-	204	294	V
			* 2.384396	47.76	VA1T	32.2	-38.9	41.06	54	-12.94	-	-	204	294	V
			* 2.39	60.14	Pk	32.2	-38.9	53.44	-	-	74	-20.56	211	101	H
			* 2.383784	62.77	Pk	32.2	-38.9	56.07	-	-	74	-17.93	211	101	H
			* 2.39	47.55	VA1T	32.2	-38.9	40.85	54	-13.15	-	-	211	101	H
			* 2.388326	47.79	VA1T	32.2	-38.9	41.09	54	-12.91	-	-	211	101	H
			* 2.39	60.93	Pk	32.2	-38.9	54.23	-	-	74	-19.77	195	392	V
			* 2.365662	62.42	Pk	32.1	-38.9	55.62	-	-	74	-18.38	195	392	V
			* 2.39	47.64	VA1T	32.2	-38.9	40.94	54	-13.06	-	-	195	392	V
			* 2.384337	47.89	VA1T	32.2	-38.9	41.19	54	-12.81	-	-	195	392	V
EDR (8PSK)	2402	4	* 2.39	60.7	Pk	32.2	-38.9	54	-	-	74	-20	29	120	H
			* 2.385924	62.27	Pk	32.2	-38.9	55.57	-	-	74	-18.43	29	120	H
			* 2.39	47.32	VA1T	32.2	-38.9	40.62	54	-13.38	-	-	29	120	H
			* 2.388326	47.87	VA1T	32.2	-38.9	41.17	54	-12.83	-	-	29	120	H
			* 2.39	59.97	Pk	32.2	-38.9	53.27	-	-	74	-20.73	202	294	V
			* 2.387103	62.28	Pk	32.2	-38.9	55.58	-	-	74	-18.42	202	294	V
		3	* 2.39	47.44	VA1T	32.2	-38.9	40.74	54	-13.26	-	-	202	294	V
			* 2.366667	47.88	VA1T	32.1	-39	40.98	54	-13.02	-	-	202	294	V
			* 2.39	60.81	Pk	32.2	-38.9	54.11	-	-	74	-19.89	208	103	H
			* 2.356623	62.85	Pk	32	-39	55.85	-	-	74	-18.15	208	103	H
			* 2.39	47.18	VA1T	32.2	-38.9	40.48	54	-13.52	-	-	208	103	H
			* 2.385269	47.81	VA1T	32.2	-38.9	41.11	54	-12.89	-	-	208	103	H
			* 2.39	60.46	Pk	32.2	-38.9	53.76	-	-	74	-20.24	200	392	V
			* 2.365939	62.29	Pk	32.1	-38.9	55.49	-	-	74	-18.51	200	392	V
			* 2.39	47.28	VA1T	32.2	-38.9	40.58	54	-13.42	-	-	200	392	V
			* 2.38607	47.76	VA1T	32.2	-38.9	41.06	54	-12.94	-	-	200	392	V
BTCSM2	2402	4	* 2.39	60.38	Pk	32.2	-38.9	53.68	-	-	74	-20.32	28	120	H
			* 2.378239	63.03	Pk	32.1	-38.9	56.23	-	-	74	-17.77	28	120	H
			* 2.39	49.09	VA1T	32.2	-38.9	42.39	54	-11.61	-	-	28	120	H
			* 2.386666	51.8	VA1T	32.2	-38.9	45.1	54	-8.9	-	-	28	120	H
			* 2.39	59.93	Pk	32.2	-38.9	53.23	-	-	74	-20.77	206	294	V
			* 2.368049	62.45	Pk	32.1	-38.9	55.65	-	-	74	-18.35	206	294	V
		3	* 2.39	47.06	VA1T	32.2	-38.9	40.36	54	-13.64	-	-	206	294	V
			* 2.342489	51.72	VA1T	32	-39	44.72	54	-9.28	-	-	206	294	V
			2.39	60.03	Pk	32.2	-38.9	53.33	-	-	74	-20.67	213	102	H
			2.331761	63.49	Pk	32	-39.1	56.39	-	-	74	-17.61	213	102	H
			2.39	49.5	VA1T	32.2	-38.9	42.8	54	-11.2	-	-	213	102	H
			2.389316	51.5	VA1T	32.2	-39	44.7	54	-9.3	-	-	213	102	H
			2.39	60.59	Pk	32.2	-38.9	53.89	-	-	74	-20.11	192	394	V
			2.37917	62.2	Pk	32.1	-39	55.3	-	-	74	-18.7	192	394	V
			2.39	49.11	VA1T	32.2	-38.9	42.41	54	-11.59	-	-	192	394	V
			2.338341	51.98	VA1T	32	-39	44.98	54	-9.02	-	-	192	394	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	59.67	Pk	32.2	-38.9	52.97	-	-	74	-21.03	225	101	H
			* 2.344847	62.49	Pk	32	-39	55.49	-	-	74	-18.51	225	101	H
			* 2.39	47.19	VA1T	32.2	-38.9	40.49	54	-13.51	-	-	225	101	H
			* 2.388006	47.81	VA1T	32.2	-38.9	41.11	54	-12.89	-	-	225	101	H
			* 2.39	59.81	Pk	32.2	-38.9	53.11	-	-	74	-20.89	225	392	V
			* 2.347744	62.88	Pk	32	-39	55.88	-	-	74	-18.12	225	392	V
			* 2.39	47.65	VA1T	32.2	-38.9	40.95	54	-13.05	-	-	225	392	V
			* 2.380567	47.75	VA1T	32.2	-38.9	41.05	54	-12.95	-	-	225	392	V
EDR (8PSK)	2402	4+3	* 2.39	61.05	Pk	32.2	-38.9	54.35	-	-	74	-19.65	230	103	H
			* 2.378064	62.57	Pk	32.1	-38.9	55.77	-	-	74	-18.23	230	103	H
			* 2.39	47.33	VA1T	32.2	-38.9	40.63	54	-13.37	-	-	230	103	H
			* 2.387292	47.72	VA1T	32.2	-38.9	41.02	54	-12.98	-	-	230	103	H
			* 2.39	59.42	Pk	32.2	-38.9	52.72	-	-	74	-21.28	226	392	V
			* 2.386754	62.1	Pk	32.2	-38.9	55.4	-	-	74	-18.6	226	392	V
			* 2.39	47.2	VA1T	32.2	-38.9	40.5	54	-13.5	-	-	226	392	V
			* 2.366259	47.82	VA1T	32.1	-38.9	41.02	54	-12.98	-	-	226	392	V

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

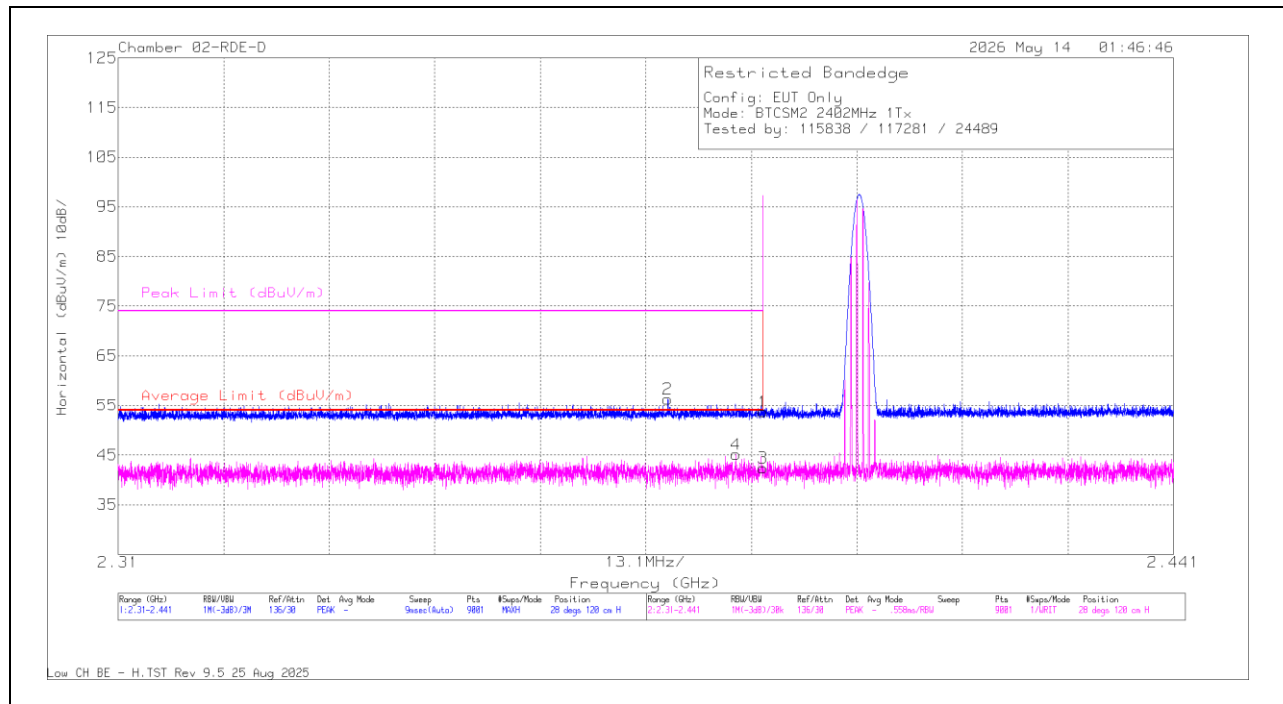
Pk - Peak detector

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

9.1.5. LOW BAND EDGE – WORST-CASE

BTCSM 2 / 2480 MHz / LOW POWER / SISO ANT 4

HORIZONTAL RESULT



MEASURED DATA

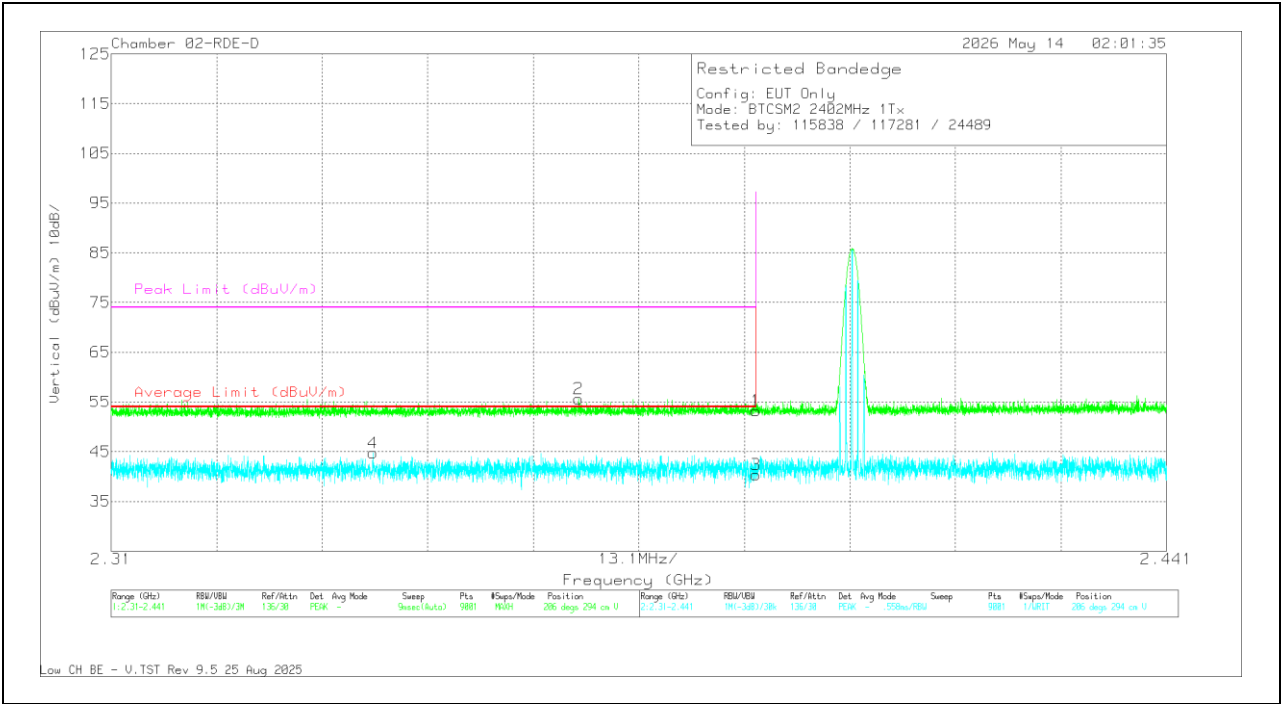
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.38	Pk	32.2	-38.9	53.68	-	-	74	-20.32	28	120	H
2	* 2.378239	63.03	Pk	32.1	-38.9	56.23	-	-	74	-17.77	28	120	H
3	* 2.39	49.09	VA1T	32.2	-38.9	42.39	54	-11.61	-	-	28	120	H
4	* 2.386666	51.8	VA1T	32.2	-38.9	45.1	54	-8.9	-	-	28	120	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	* 2.39	59.93	Pk	32.2	-38.9	53.23	-	-	74	-20.77	206	294	V
2	* 2.368049	62.45	Pk	32.1	-38.9	55.65	-	-	74	-18.35	206	294	V
3	* 2.39	47.06	VA1T	32.2	-38.9	40.36	54	-13.64	-	-	206	294	V
4	* 2.342489	51.72	VA1T	32	-39	44.72	54	-9.28	-	-	206	294	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

9.1.6. HIGH 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)	2480	4	* 2.4835	62.71	Pk	32.2	-38.7	56.21	-	-	74	-17.79	31	105	H
			* 2.497623	62.94	Pk	32.2	-38.6	56.54	-	-	74	-17.46	31	105	H
			* 2.4835	47.65	VA1T	32.2	-38.7	41.15	54	-12.85	-	-	31	105	H
			* 2.483823	48.67	VA1T	32.2	-38.7	42.17	54	-11.83	-	-	31	105	H
			* 2.4835	60.65	Pk	32.2	-38.7	54.15	-	-	74	-19.85	211	312	V
			2.559276	62.42	Pk	32.4	-38.4	56.42	-	-	74	-17.58	211	312	V
		3	* 2.4835	47.54	VA1T	32.2	-38.7	41.04	54	-12.96	-	-	211	312	V
			2.554057	47.86	VA1T	32.4	-38.4	41.86	54	-12.14	-	-	211	312	V
			* 2.4835	61.63	Pk	32.2	-38.7	55.13	-	-	74	-18.87	243	154	H
			* 2.487131	63.58	Pk	32.2	-38.7	57.08	-	-	74	-16.92	243	154	H
			* 2.4835	48.15	VA1T	32.2	-38.7	41.65	54	-12.35	-	-	243	154	H
			* 2.483688	49.52	VA1T	32.2	-38.7	43.02	54	-10.98	-	-	243	154	H
			* 2.4835	60.9	Pk	32.2	-38.7	54.4	-	-	74	-19.6	183	364	V
			2.544148	62.41	Pk	32.3	-38.5	56.21	-	-	74	-17.79	183	364	V
			* 2.4835	47.53	VA1T	32.2	-38.7	41.03	54	-12.97	-	-	183	364	V
			2.556199	47.78	VA1T	32.4	-38.4	41.78	54	-12.22	-	-	183	364	V
EDR (8PSK)	2480	4	* 2.4835	75.33	Pk	32.2	-38.7	68.83	-	-	74	-5.17	37	133	H
			* 2.483525	74.8	Pk	32.2	-38.7	68.3	-	-	74	-5.7	37	133	H
			* 2.4835	51.89	VA1T	32.2	-38.7	45.39	54	-8.61	-	-	37	133	H
			* 2.483647	54.05	VA1T	32.2	-38.7	47.55	54	-6.45	-	-	37	133	H
			* 2.4835	64.32	Pk	32.2	-38.7	57.82	-	-	74	-16.18	219	399	V
			* 2.483525	65.29	Pk	32.2	-38.7	58.79	-	-	74	-15.21	219	399	V
			* 2.4835	48.81	VA1T	32.2	-38.7	42.31	54	-11.69	-	-	219	399	V
			* 2.483512	48.68	VA1T	32.2	-38.7	42.18	54	-11.82	-	-	219	399	V
		3	* 2.4835	74.64	Pk	32.2	-38.7	68.14	-	-	74	-5.86	227	135	H
			* 2.483525	75.19	Pk	32.2	-38.7	68.69	-	-	74	-5.31	227	135	H
			* 2.4835	55.15	VA1T	32.2	-38.7	48.65	54	-5.35	-	-	227	135	H
			* 2.483525	55.25	VA1T	32.2	-38.7	48.75	54	-5.25	-	-	227	135	H
			* 2.4835	72.05	Pk	32.2	-38.7	65.55	-	-	74	-8.45	188	362	V
			* 2.483525	72.11	Pk	32.2	-38.7	65.61	-	-	74	-8.39	188	362	V
			* 2.4835	51.36	VA1T	32.2	-38.7	44.86	54	-9.14	-	-	188	362	V
			* 2.48362	52.45	VA1T	32.2	-38.7	45.95	54	-8.05	-	-	188	362	V
BTCSM2	2480	4	* 2.4835	67.9	Pk	32.2	-38.7	61.4	-	-	74	-12.6	33	106	H
			* 2.483715	68.93	Pk	32.2	-38.7	62.43	-	-	74	-11.57	33	106	H
			* 2.4835	48.66	VA1T	32.2	-38.7	42.16	54	-11.84	-	-	33	106	H
			2.546818	51.85	VA1T	32.4	-38.5	45.75	54	-8.25	-	-	33	106	H
			* 2.4835	59.99	Pk	32.2	-38.7	53.49	-	-	74	-20.51	210	351	V
			2.55872	62.35	Pk	32.4	-38.4	56.35	-	-	74	-17.65	210	351	V
			* 2.4835	48.81	VA1T	32.2	-38.7	42.31	54	-11.69	-	-	210	351	V
			2.55342	51.73	VA1T	32.4	-38.5	45.63	54	-8.37	-	-	210	351	V
		3	* 2.4835	67.97	Pk	32.2	-38.7	61.47	-	-	74	-12.53	234	116	H
			* 2.483512	67.97	Pk	32.2	-38.7	61.47	-	-	74	-12.53	234	116	H
			* 2.4835	47.75	VA1T	32.2	-38.7	41.25	54	-12.75	-	-	234	116	H
			2.561567	51.1	VA1T	32.4	-38.4	45.1	54	-8.9	-	-	234	116	H
			* 2.4835	64.18	Pk	32.2	-38.7	57.68	-	-	74	-16.32	184	364	V
			* 2.483579	65.33	Pk	32.2	-38.7	58.83	-	-	74	-15.17	184	364	V
			* 2.4835	50.36	VA1T	32.2	-38.7	43.86	54	-10.14	-	-	184	364	V
			* 2.483525	52.95	VA1T	32.2	-38.7	46.45	54	-7.55	-	-	184	364	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	63.83	Pk	32.2	-38.7	57.33	-	-	74	-16.67	219	153	H
			* 2.483918	63.87	Pk	32.2	-38.7	57.37	-	-	74	-16.63	219	153	H
			* 2.4835	48.88	VA1T	32.2	-38.7	42.38	54	-11.62	-	-	219	153	H
			* 2.483634	49.15	VA1T	32.2	-38.7	42.65	54	-11.35	-	-	219	153	H
			* 2.4835	60.93	Pk	32.2	-38.7	54.43	-	-	74	-19.57	214	101	V
			2.539932	62.85	Pk	32.3	-38.5	56.65	-	-	74	-17.35	214	101	V
			* 2.4835	47.69	VA1T	32.2	-38.7	41.19	54	-12.81	-	-	214	101	V
			2.549719	47.72	VA1T	32.4	-38.4	41.72	54	-12.28	-	-	214	101	V
EDR (8PSK)	2480	4+3	* 2.4835	74.79	Pk	32.2	-38.7	68.29	-	-	74	-5.71	218	130	H
			* 2.483525	75.43	Pk	32.2	-38.7	68.93	-	-	74	-5.07	218	130	H
			* 2.4835	49.85	VA1T	32.2	-38.7	43.35	54	-10.65	-	-	218	130	H
			* 2.483783	52.58	VA1T	32.2	-38.7	46.08	54	-7.92	-	-	218	130	H
			* 2.4835	67.91	Pk	32.2	-38.7	61.41	-	-	74	-12.59	204	333	V
			* 2.483525	68.32	Pk	32.2	-38.7	61.82	-	-	74	-12.18	204	333	V
			* 2.4835	50.45	VA1T	32.2	-38.7	43.95	54	-10.05	-	-	204	333	V
			* 2.483512	50.39	VA1T	32.2	-38.7	43.89	54	-10.11	-	-	204	333	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/Cb/ 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	62	Pk	32.2	-38.7	0	55.5	-	-	74	-18.5	34	105	H
			* 2.483552	62.67	Pk	32.2	-38.7	0	56.17	-	-	74	-17.83	34	105	H
			* 2.4835	48.71	VA1T	32.2	-38.7	0	42.21	54	-11.79	-	-	34	105	H
			* 2.483701	48.85	VA1T	32.2	-38.7	0	42.35	54	-11.65	-	-	34	105	H
			* 2.4835	59.91	Pk	32.2	-38.7	0	53.41	-	-	74	-20.59	212	312	V
			2.560943	62.67	Pk	32.4	-38.4	0	56.67	-	-	74	-17.33	212	312	V
			* 2.4835	47.34	VA1T	32.2	-38.7	0	40.84	54	-13.16	-	-	212	312	V
			2.562367	47.76	VA1T	32.4	-38.4	0	41.76	54	-12.24	-	-	212	312	V
		3	* 2.4835	60.67	Pk	32.2	-38.7	0	54.17	-	-	74	-19.83	240	154	H
			2.554437	62.3	Pk	32.4	-38.4	0	56.3	-	-	74	-17.7	240	154	H
			* 2.4835	47.72	VA1T	32.2	-38.7	0	41.22	54	-12.78	-	-	240	154	H
			2.558571	47.79	VA1T	32.4	-38.4	0	41.79	54	-12.21	-	-	240	154	H
			* 2.4835	60.21	Pk	32.2	-38.7	0	53.71	-	-	74	-20.29	185	365	V
			2.550804	62.23	Pk	32.4	-38.5	0	56.13	-	-	74	-17.87	185	365	V
			* 2.4835	47.34	VA1T	32.2	-38.7	0	40.84	54	-13.16	-	-	185	365	V
			2.559412	47.75	VA1T	32.4	-38.4	0	41.75	54	-12.25	-	-	185	365	V
EDR (8PSK)	2480	4	* 2.4835	60.56	Pk	32.2	-38.7	0	54.06	-	-	74	-19.94	34	150	H
			2.561106	62.25	Pk	32.4	-38.4	0	56.25	-	-	74	-17.75	34	150	H
			* 2.4835	48.01	VA1T	32.2	-38.7	0	41.51	54	-12.49	-	-	34	150	H
			2.561404	47.92	VA1T	32.4	-38.4	0	41.92	54	-12.08	-	-	34	150	H
			* 2.4835	59.98	Pk	32.2	-38.7	0	53.48	-	-	74	-20.52	205	219	V
			2.519435	62.79	Pk	32.2	-38.5	0	56.49	-	-	74	-17.51	205	219	V
			* 2.4835	47.4	VA1T	32.2	-38.7	0	40.9	54	-13.1	-	-	205	219	V
			2.562475	47.68	VA1T	32.4	-38.4	0	41.68	54	-12.32	-	-	205	219	V
		3	2.4835	61.36	Pk	32.2	-38.7	0	54.86	-	-	74	-19.14	242	130	H
			2.562123	62.39	Pk	32.4	-38.4	0	56.39	-	-	74	-17.61	242	130	H
			2.4835	48.29	VA1T	32.2	-38.7	0	41.79	54	-12.21	-	-	242	130	H
			2.483769	48.6	VA1T	32.2	-38.7	0	42.1	54	-11.9	-	-	242	130	H
			2.4835	60.81	Pk	32.2	-38.7	0	54.31	-	-	74	-19.69	186	366	V
			2.561228	62.47	Pk	32.4	-38.4	0	56.47	-	-	74	-17.53	186	366	V
			2.4835	47.37	VA1T	32.2	-38.7	0	40.87	54	-13.13	-	-	186	366	V
			2.556185	47.79	VA1T	32.4	-38.4	0	41.79	54	-12.21	-	-	186	366	V
BTCSM2	2480	4	* 2.4835	59.8	Pk	32.2	-38.7	0	53.3	-	-	74	-20.7	33	104	H
			2.555358	62.29	Pk	32.4	-38.4	0	56.29	-	-	74	-17.71	33	104	H
			* 2.4835	47.4	VA1T	32.2	-38.7	0	40.9	54	-13.1	-	-	33	104	H
			2.55609	51.68	VA1T	32.4	-38.4	0	45.68	54	-8.32	-	-	33	104	H
			* 2.4835	61.28	Pk	32.2	-38.7	0	54.78	-	-	74	-19.22	211	312	V
			2.550072	62.5	Pk	32.4	-38.4	0	56.5	-	-	74	-17.5	211	312	V
			* 2.4835	47.73	VA1T	32.2	-38.7	0	41.23	54	-12.77	-	-	211	312	V
			2.545002	51.64	VA1T	32.3	-38.5	0	45.44	54	-8.56	-	-	211	312	V
		3	2.4835	60.44	Pk	32.2	-38.7	0	53.94	-	-	74	-20.06	239	154	H
			2.554884	62.01	Pk	32.4	-38.4	0	56.01	-	-	74	-17.99	239	154	H
			2.4835	48.91	VA1T	32.2	-38.7	0	42.41	54	-11.59	-	-	239	154	H
			2.545815	51.5	VA1T	32.4	-38.4	0	45.5	54	-8.5	-	-	239	154	H
			2.4835	60.22	Pk	32.2	-38.7	0	53.72	-	-	74	-20.28	184	366	V
			2.54877	63.24	Pk	32.4	-38.4	0	57.24	-	-	74	-16.76	184	366	V
			2.4835	46.82	VA1T	32.2	-38.7	0	40.32	54	-13.68	-	-	184	366	V
			2.529439	51.3	VA1T	32.3	-38.5	0	45.1	54	-8.9	-	-	184	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

9.1.9. 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	61.44	Pk	32.2	-38.7	0	54.94	-	-	74	-19.06	222	153	H
			* 2.493204	62.64	Pk	32.2	-38.6	0	56.24	-	-	74	-17.76	222	153	H
			* 2.4835	48.09	VA1T	32.2	-38.7	0	41.59	54	-12.41	-	-	222	153	H
			2.558883	47.76	VA1T	32.4	-38.4	0	41.76	54	-12.24	-	-	222	153	H
			* 2.4835	60.07	Pk	32.2	-38.7	0	53.57	-	-	74	-20.43	213	101	V
			2.559371	62.44	Pk	32.4	-38.4	0	56.44	-	-	74	-17.56	213	101	V
			* 2.4835	47.45	VA1T	32.2	-38.7	0	40.95	54	-13.05	-	-	213	101	V
			2.562923	47.88	VA1T	32.4	-38.4	0	41.88	54	-12.12	-	-	213	101	V
EDR (8PSK)	2480	4+3	* 2.4835	61.43	Pk	32.2	-38.7	0	54.93	-	-	74	-19.07	221	150	H
			2.559737	63.19	Pk	32.4	-38.5	0	57.09	-	-	74	-16.91	221	150	H
			* 2.4835	47.32	VA1T	32.2	-38.7	0	40.82	54	-13.18	-	-	221	150	H
			* 2.483905	48.36	VA1T	32.2	-38.7	0	41.86	54	-12.14	-	-	221	150	H
			* 2.4835	61.26	Pk	32.2	-38.7	0	54.76	-	-	74	-19.24	214	119	V
			2.555236	62.57	Pk	32.4	-38.4	0	56.57	-	-	74	-17.43	214	119	V
			* 2.4835	47.5	VA1T	32.2	-38.7	0	41	54	-13	-	-	214	119	V
			2.562584	47.91	VA1T	32.4	-38.4	0	41.91	54	-12.09	-	-	214	119	V

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

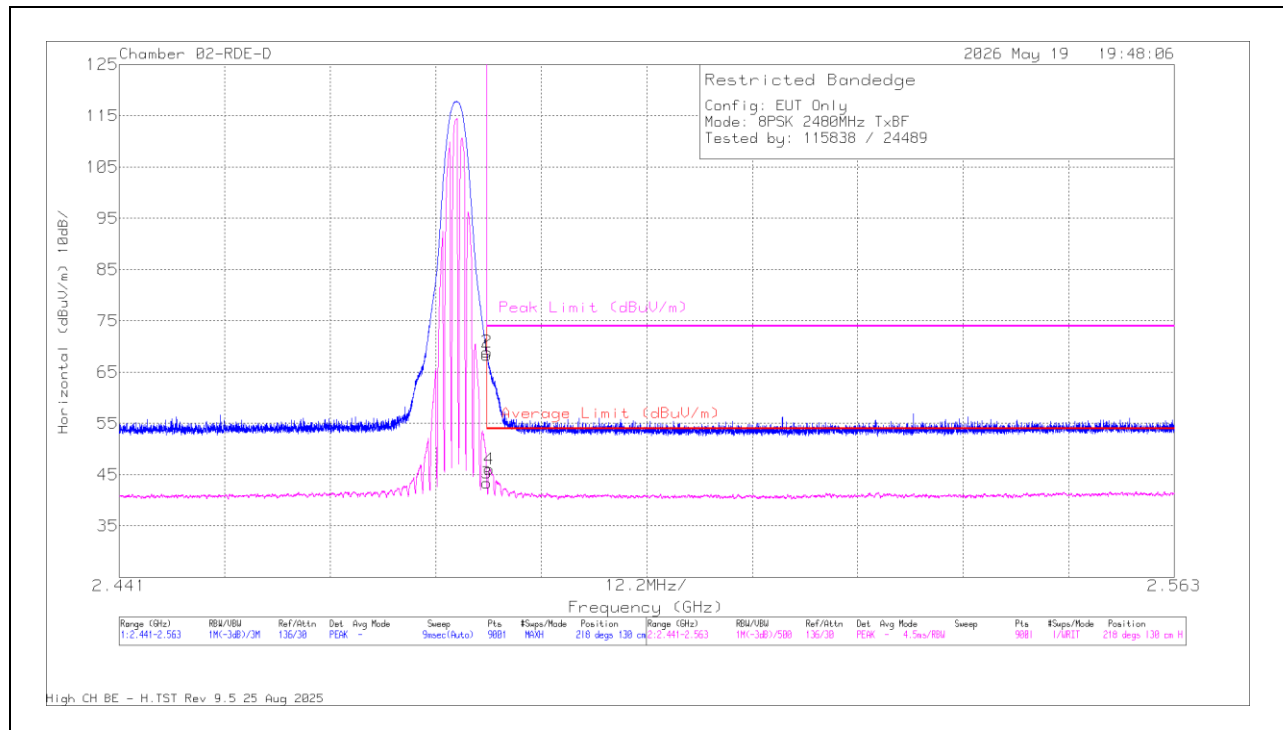
Pk - Peak detector

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 / MIMO TXBF:

HORIZONTAL RESULT



MEASURED DATA

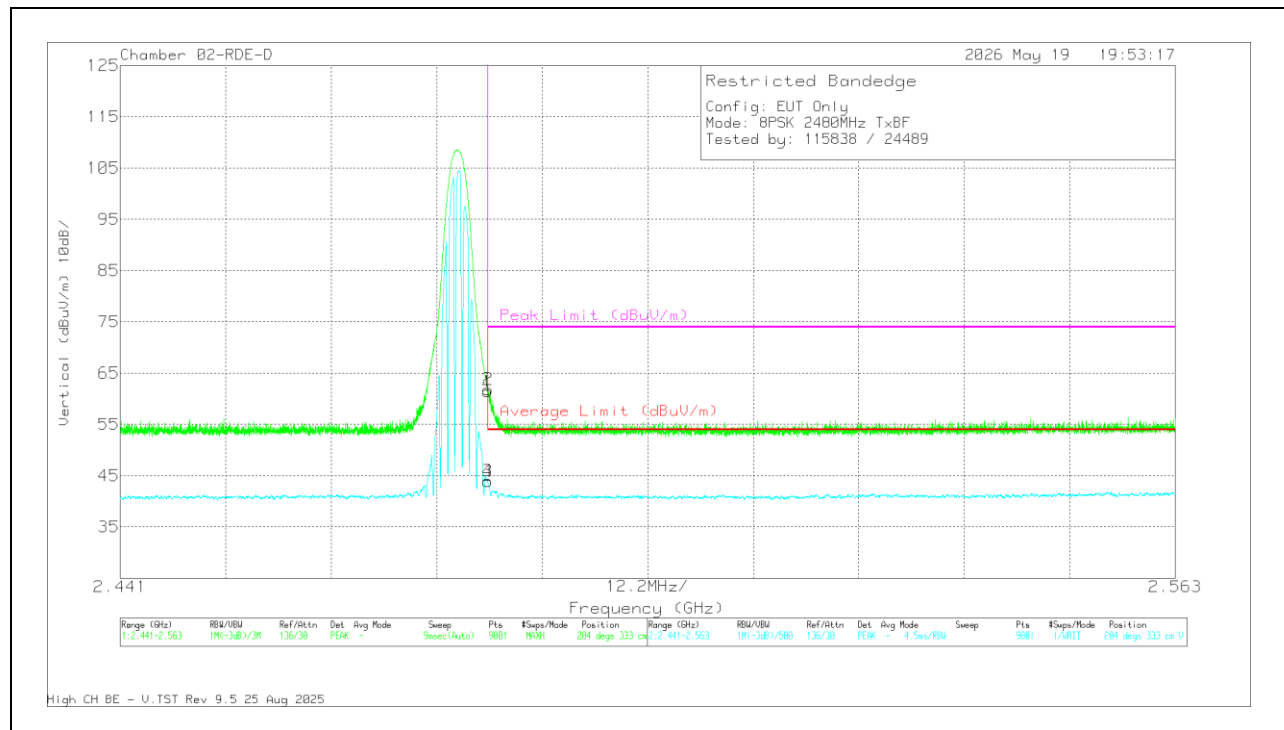
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226674 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.79	Pk	32.2	-38.7	68.29	-	-	74	-5.71	218	130	H
2	* 2.483525	75.43	Pk	32.2	-38.7	68.93	-	-	74	-5.07	218	130	H
3	* 2.4835	49.85	VA1T	32.2	-38.7	43.35	54	-10.65	-	-	218	130	H
4	* 2.483783	52.58	VA1T	32.2	-38.7	46.08	54	-7.92	-	-	218	130	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	67.91	Pk	32.2	-38.7	61.41	-	-	74	-12.59	204	333	V
2	* 2.483525	68.32	Pk	32.2	-38.7	61.82	-	-	74	-12.18	204	333	V
3	* 2.4835	50.45	VA1T	32.2	-38.7	43.95	54	-10.05	-	-	204	333	V
4	* 2.483512	50.39	VA1T	32.2	-38.7	43.89	54	-10.11	-	-	204	333	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

9.1.11. SPURIOUS EMISSIONS – HIGH POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/CbI/ 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
BTCSM2	2402	4	* 4.525242	54.27	PKFH	34.2	-46.79	0	41.68	-	-	74	-32.32	360	201	V
			* 4.529709	55.74	PKFH	34.2	-46.82	0	43.12	-	-	74	-30.88	360	100	H
			* 4.531326	46.4	VA1T	34.2	-46.82	0	33.78	54	-20.22	-	-	360	201	V
			* 4.560886	46.09	VA1T	34.3	-46.81	0	33.58	54	-20.42	-	-	360	100	H
			* 9.311258	44.77	VA1T	36.4	-43.92	0	37.25	54	-16.75	-	-	360	100	H
			* 9.316096	53.96	PKFH	36.4	-43.9	0	46.46	-	-	74	-27.54	360	200	V
			* 9.321749	44.6	VA1T	36.4	-43.89	0	37.11	54	-16.89	-	-	360	200	V
			* 9.328302	54.06	PKFH	36.5	-43.95	0	46.61	-	-	74	-27.39	360	100	H
			6.302657	44.64	VA1T	35.5	-44.88	0	35.26	-	-	-	-	360	200	V
			6.313481	44.49	VA1T	35.5	-44.87	0	35.12	-	-	-	-	360	100	H
			6.327279	52.85	PKFH	35.6	-44.63	0	43.82	-	-	-	-	360	200	V
			6.328415	52.81	PKFH	35.6	-44.59	0	43.82	-	-	-	-	360	100	H
		3	* 4.322061	45.88	VA1T	33.9	-46.79	0	32.99	54	-21.01	-	-	0	100	V
			* 4.322795	55.1	PKFH	33.9	-46.77	0	42.23	-	-	74	-31.77	0	100	V
			* 4.324025	45.65	VA1T	33.9	-46.77	0	32.78	54	-21.22	-	-	0	100	H
			* 4.324834	54.85	PKFH	33.9	-46.77	0	41.98	-	-	74	-32.02	0	100	H
			* 9.403	44.72	VA1T	36.6	-44.12	0	37.2	54	-16.8	-	-	0	100	V
			* 9.413975	53.39	PKFH	36.6	-44.12	0	45.87	-	-	74	-28.13	0	100	H
			* 9.436784	44.34	VA1T	36.6	-44.19	0	36.75	54	-17.25	-	-	0	100	H
			* 9.440022	53.06	PKFH	36.7	-44.13	0	45.63	-	-	74	-28.37	0	100	V
			6.506608	44.55	VA1T	35.7	-45.22	0	35.03	-	-	-	-	0	100	H
			6.510304	44.34	VA1T	35.7	-45.15	0	34.89	-	-	-	-	0	100	V
			6.515346	53.18	PKFH	35.7	-45.05	0	43.83	-	-	-	-	0	100	H
			6.534006	53.04	PKFH	35.7	-44.49	0	44.25	-	-	-	-	0	100	V
	2441	4	* 4.374495	45.68	VA1T	34.1	-46.56	0	33.22	54	-20.78	-	-	360	100	H
			* 4.385507	44.91	VA1T	34.2	-46.43	0	32.68	54	-21.32	-	-	360	201	V
			* 4.386427	54.11	PKFH	34.2	-46.41	0	41.9	-	-	74	-32.1	360	201	V
			* 4.387917	54.47	PKFH	34.2	-46.39	0	42.28	-	-	74	-31.72	360	100	H
			* 7.349762	44.21	VA1T	35.6	-44.84	0	34.97	54	-19.03	-	-	360	100	H
			* 7.374603	53	PKFH	35.6	-44.81	0	43.79	-	-	74	-30.21	360	200	V
			* 7.37654	53	PKFH	35.6	-44.8	0	43.8	-	-	74	-30.2	360	100	H
			* 7.377132	43.73	VA1T	35.6	-44.79	0	34.54	54	-19.46	-	-	360	200	V
			9.556457	45.23	VA1T	36.8	-44.22	0	37.81	-	-	-	-	360	100	H
			9.56145	53.8	PKFH	36.8	-44.1	0	46.5	-	-	-	-	360	200	V
			9.575739	45.03	VA1T	36.8	-44.15	0	37.68	-	-	-	-	360	200	V
			9.587381	54.32	PKFH	36.8	-44.07	0	47.05	-	-	-	-	360	100	H
		3	* 4.33134	54.43	PKFH	33.9	-46.7	0	41.63	-	-	74	-32.37	0	100	H
			* 4.340918	45.67	VA1T	34	-46.58	0	33.09	54	-20.91	-	-	0	100	H
			* 4.357863	45.07	VA1T	34	-46.44	0	32.63	54	-21.37	-	-	0	201	V
			* 4.362063	55	PKFH	34.1	-46.52	0	42.58	-	-	74	-31.42	0	201	V
			* 9.323855	44.3	VA1T	36.4	-43.94	0	36.76	54	-17.24	-	-	0	100	H
			* 9.329033	52.96	PKFH	36.5	-43.96	0	45.5	-	-	74	-28.5	0	200	V
			* 9.330673	44.25	VA1T	36.5	-43.93	0	36.82	54	-17.18	-	-	0	200	V
			* 9.356011	53.24	PKFH	36.5	-43.92	0	45.82	-	-	74	-28.18	0	100	H
			6.393019	43.54	VA1T	35.6	-45.25	0	33.89	-	-	-	-	0	200	V
			6.404508	52.87	PKFH	35.6	-45.29	0	43.18	-	-	-	-	0	200	V
			6.407082	52.95	PKFH	35.6	-45.31	0	43.24	-	-	-	-	0	100	H
			6.409113	44.28	VA1T	35.6	-45.33	0	34.55	-	-	-	-	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 (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	* 4.275138	45.65	VA1T	33.8	-46.68	0	32.77	54	-21.23	-	-	360	201	V
			* 4.287734	54.88	PKFH	33.9	-46.75	0	42.03	-	-	74	-31.97	360	201	V
			* 4.29142	54.81	PKFH	33.9	-46.75	0	41.96	-	-	74	-32.04	360	100	H
			* 4.294914	46.27	VA1T	33.9	-46.73	0	33.44	54	-20.56	-	-	360	100	H
			6.468428	44.13	VA1T	35.7	-45.37	0	34.46	-	-	-	-	360	100	H
			6.468877	43.58	VA1T	35.7	-45.39	0	33.89	-	-	-	-	360	200	V
			6.484886	53.3	PKFH	35.7	-45.33	0	43.67	-	-	-	-	360	200	V
			6.485495	53.21	PKFH	35.7	-45.34	0	43.57	-	-	-	-	360	100	H
			9.250253	53.62	PKFH	36.4	-44.1	0	45.92	-	-	-	-	360	200	V
			9.253664	53.78	PKFH	36.4	-44.1	0	46.08	-	-	-	-	360	100	H
			9.257871	44.37	VA1T	36.4	-44.05	0	36.72	-	-	-	-	360	200	V
			9.275766	45.21	VA1T	36.4	-44.01	0	37.6	-	-	-	-	360	100	H
		3	* 4.574258	54.58	PKFH	34.3	-46.72	0	42.16	-	-	74	-31.84	0	100	H
			* 4.578672	47.23	VA1T	34.3	-46.71	0	34.82	54	-19.18	-	-	0	100	H
			* 4.577689	55.37	PKFH	34.3	-46.7	0	42.97	-	-	74	-31.03	0	201	V
			* 4.578552	45.19	VA1T	34.3	-46.71	0	32.78	54	-21.22	-	-	0	201	V
			* 9.470285	53.52	PKFH	36.7	-44.25	0	45.97	-	-	74	-28.03	0	200	V
			* 9.491929	44.25	VA1T	36.8	-44.24	0	36.81	54	-17.19	-	-	0	200	V
			* 9.494296	53.69	PKFH	36.8	-44.28	0	46.21	-	-	74	-27.79	0	100	H
			* 9.476434	45.26	VA1T	36.7	-44.21	0	37.75	54	-16.25	-	-	0	100	H
			6.552893	52.54	PKFH	35.7	-44.45	0	43.79	-	-	-	-	0	100	H
			6.558879	44.4	VA1T	35.7	-44.55	0	35.55	-	-	-	-	0	100	H
			6.564324	52.82	PKFH	35.8	-44.57	0	44.05	-	-	-	-	0	200	V
			6.578617	43.29	VA1T	35.8	-44.42	0	34.67	-	-	-	-	0	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

9.1.12. 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	* 4.78427	42.38	VA1T	34.4	-46.76	0	30.02	54	-23.98	-	-	0	201	V
			* 4.785621	42.43	VA1T	34.4	-46.76	0	30.07	54	-23.93	-	-	0	100	H
			* 4.792661	55.99	PKFH	34.4	-46.64	0	43.75	-	-	74	-30.25	0	100	H
			* 4.79351	55.57	PKFH	34.4	-46.65	0	43.32	-	-	74	-30.68	0	201	V
			7.188598	40.75	VA1T	35.7	-45.11	0	31.34	-	-	-	-	0	200	V
			7.205749	40.83	VA1T	35.7	-45.04	0	31.49	-	-	-	-	0	100	H
			7.208696	54.28	PKFH	35.7	-45	0	44.98	-	-	-	-	0	100	H
			7.215851	54.52	PKFH	35.7	-44.88	0	45.34	-	-	-	-	0	200	V
			9.589023	42.01	VA1T	36.8	-44.06	0	34.75	-	-	-	-	0	100	H
			9.608654	55.86	PKFH	36.8	-43.9	0	48.76	-	-	-	-	0	100	H
			9.610877	41.97	VA1T	36.8	-43.93	0	34.84	-	-	-	-	0	200	V
			9.62049	55.24	PKFH	36.8	-43.88	0	48.16	-	-	-	-	0	200	V
	2441	4 + 3	* 4.866017	42.21	VA1T	34.4	-46.65	0	29.96	54	-24.04	-	-	0	100	H
			* 4.867417	42.13	VA1T	34.4	-46.68	0	29.85	54	-24.15	-	-	0	201	V
			* 4.868634	55.25	PKFH	34.4	-46.68	0	42.97	-	-	74	-31.03	0	201	V
			* 4.88387	55.25	PKFH	34.4	-46.62	0	43.03	-	-	74	-30.97	0	100	H
			* 7.311498	40.66	VA1T	35.6	-45.04	0	31.22	54	-22.78	-	-	0	100	H
			* 7.311689	40.64	VA1T	35.6	-45.03	0	31.21	54	-22.79	-	-	0	200	V
			* 7.329813	53.22	PKFH	35.6	-44.96	0	43.86	-	-	74	-30.14	0	200	V
			* 7.33464	53.96	PKFH	35.6	-44.89	0	44.67	-	-	74	-29.33	0	100	H
			9.745259	41.37	VA1T	37	-44.2	0	34.17	-	-	-	-	0	200	V
			9.747925	41.46	VA1T	37	-44.27	0	34.19	-	-	-	-	0	100	H
			9.753161	54.91	PKFH	37	-44.23	0	47.68	-	-	-	-	0	200	V
			9.756423	55.46	PKFH	37	-44.15	0	48.31	-	-	-	-	0	100	H
	2480	4 + 3	* 4.960256	42.23	VA1T	34.4	-46.61	0	30.02	54	-23.98	-	-	0	100	H
			* 4.967345	55.96	PKFH	34.4	-46.65	0	43.71	-	-	74	-30.29	0	100	H
			* 4.972648	42.19	VA1T	34.4	-46.64	0	29.95	54	-24.05	-	-	0	201	V
			* 4.974639	55.34	PKFH	34.4	-46.66	0	43.08	-	-	74	-30.92	0	201	V
			* 7.422882	54.45	PKFH	35.7	-45.03	0	45.12	-	-	74	-28.88	0	200	V
			* 7.425464	53.94	PKFH	35.7	-45.04	0	44.6	-	-	74	-29.4	0	100	H
			* 7.42806	40.75	VA1T	35.7	-45.07	0	31.38	54	-22.62	-	-	0	200	V
			* 7.447313	40.69	VA1T	35.8	-45.12	0	31.37	54	-22.63	-	-	0	100	H
			9.90141	41.46	VA1T	37.1	-44.32	0	34.24	-	-	-	-	0	200	V
			9.904605	41.48	VA1T	37.1	-44.29	0	34.29	-	-	-	-	0	100	H
			9.936005	55.02	PKFH	37.1	-44.14	0	47.98	-	-	-	-	0	100	H
			9.937965	54.69	PKFH	37.1	-44.09	0	47.7	-	-	-	-	0	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

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	* 1.284596	58.54	PKFH	29.5	-38.44	0	49.6	-	-	74	-24.4	0	100	H
			* 1.291496	45.57	VA1T	29.5	-38.42	0	36.65	54	-17.35	-	-	0	201	V
			* 1.292963	45.66	VA1T	29.5	-38.42	0	36.74	54	-17.26	-	-	0	100	H
			* 1.29427	58.38	PKFH	29.5	-38.43	0	49.45	-	-	74	-24.55	0	201	V
			* 4.949099	54.87	PKFH	34.4	-46.54	0	42.73	-	-	74	-31.27	0	201	V
			* 4.960383	42.21	VA1T	34.4	-46.61	0	30	54	-24	-	-	0	100	H
			* 4.969756	42.34	VA1T	34.3	-46.65	0	29.99	54	-24.01	-	-	0	201	V
			* 4.973423	55.44	PKFH	34.3	-46.66	0	43.08	-	-	74	-30.92	0	100	H
			* 11.942558	54.38	PKFH	39	-42.5	0	50.88	-	-	74	-23.12	0	100	H
			* 11.955296	40.96	VA1T	39	-42.86	0	37.1	54	-16.9	-	-	0	100	H
			* 11.95919	40.94	VA1T	39	-42.97	0	36.97	54	-17.03	-	-	0	200	V
			* 11.959323	54.29	PKFH	39	-42.97	0	50.32	-	-	74	-23.68	0	200	V
	2441	4 + 3	* 1.282203	58.1	PKFH	29.5	-38.41	0	49.19	-	-	74	-24.81	0	100	H
			* 1.28951	45.65	VA1T	29.5	-38.43	0	36.72	54	-17.28	-	-	0	100	V
			* 1.29175	58.64	PKFH	29.5	-38.41	0	49.73	-	-	74	-24.27	0	100	V
			* 1.295077	45.7	VA1T	29.4	-38.43	0	36.67	54	-17.33	-	-	0	100	H
			* 4.765048	42.61	VA1T	34.2	-46.77	0	30.04	54	-23.96	-	-	0	201	H
			* 4.770951	55.94	PKFH	34.2	-46.77	0	43.37	-	-	74	-30.63	0	200	V
			* 4.771422	42.67	VA1T	34.2	-46.77	0	30.1	54	-23.9	-	-	0	200	V
			* 4.790657	55.48	PKFH	34.2	-46.67	0	43.01	-	-	74	-30.99	0	201	H
			10.588021	55.83	PKFH	37.6	-44.69	0	48.74	-	-	-	-	0	200	H
			10.592234	42.3	VA1T	37.6	-44.75	0	35.15	-	-	-	-	0	200	H
			10.597877	55.73	PKFH	37.6	-44.72	0	48.61	-	-	-	-	0	200	V
			* 10.613002	42.26	VA1T	37.6	-44.56	0	35.3	54	-18.7	-	-	0	200	V
	2480	4 + 3	* 1.27141	58.65	PKFH	29.5	-38.45	0	49.7	-	-	74	-24.3	0	100	V
			* 1.28777	45.73	VA1T	29.5	-38.44	0	36.79	54	-17.21	-	-	0	100	H
			* 1.28905	58.47	PKFH	29.5	-38.44	0	49.53	-	-	74	-24.47	0	100	H
			* 1.290663	45.64	VA1T	29.5	-38.42	0	36.72	54	-17.28	-	-	0	100	V
			* 4.063967	56.14	PKFH	33.4	-46.59	0	42.95	-	-	74	-31.05	0	200	V
			* 4.072693	56.12	PKFH	33.4	-46.49	0	43.03	-	-	74	-30.97	0	201	H
			* 4.075647	42.93	VA1T	33.4	-46.46	0	29.87	54	-24.13	-	-	0	200	V
			* 4.080813	42.91	VA1T	33.4	-46.46	0	29.85	54	-24.15	-	-	0	201	H
			10.43304	55.45	PKFH	37.5	-44.85	0	48.1	-	-	-	-	0	200	H
			10.437014	56.56	PKFH	37.5	-44.91	0	49.15	-	-	-	-	0	200	V
			10.442027	42.14	VA1T	37.5	-45.01	0	34.63	-	-	-	-	0	200	V
			10.442773	42.27	VA1T	37.5	-44.99	0	34.78	-	-	-	-	0	200	H

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

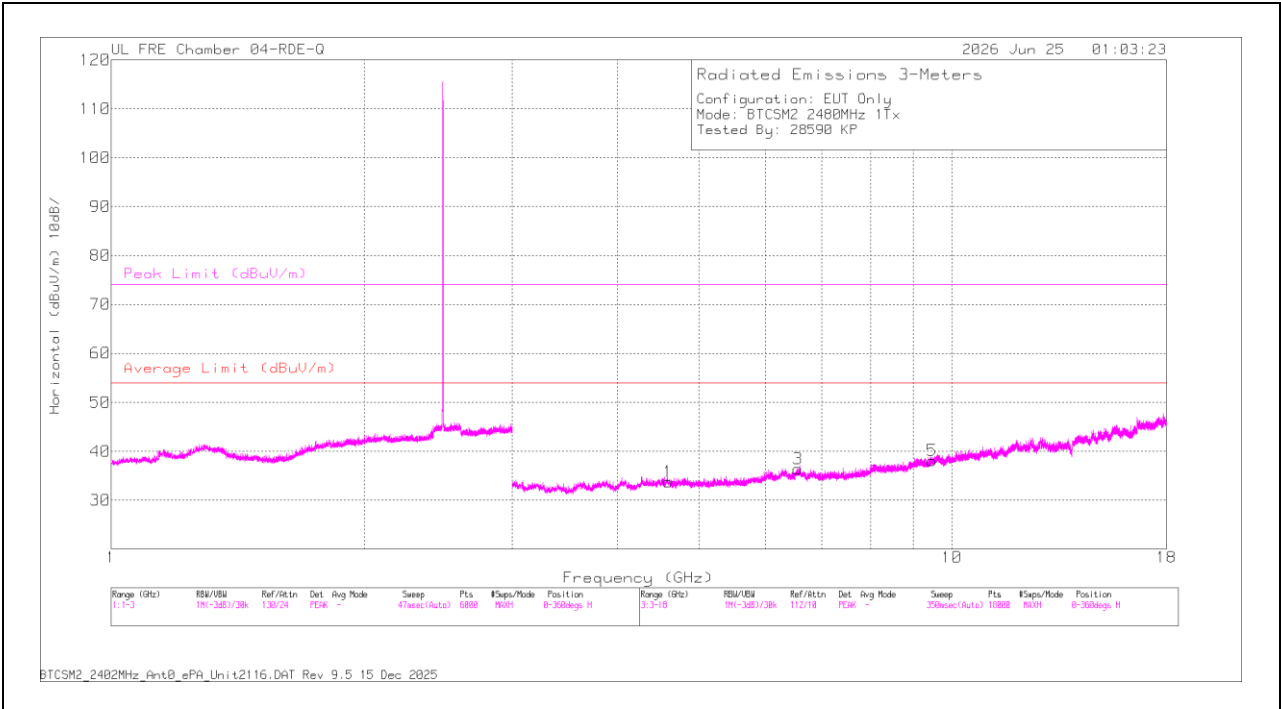
Pk - Peak detector

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

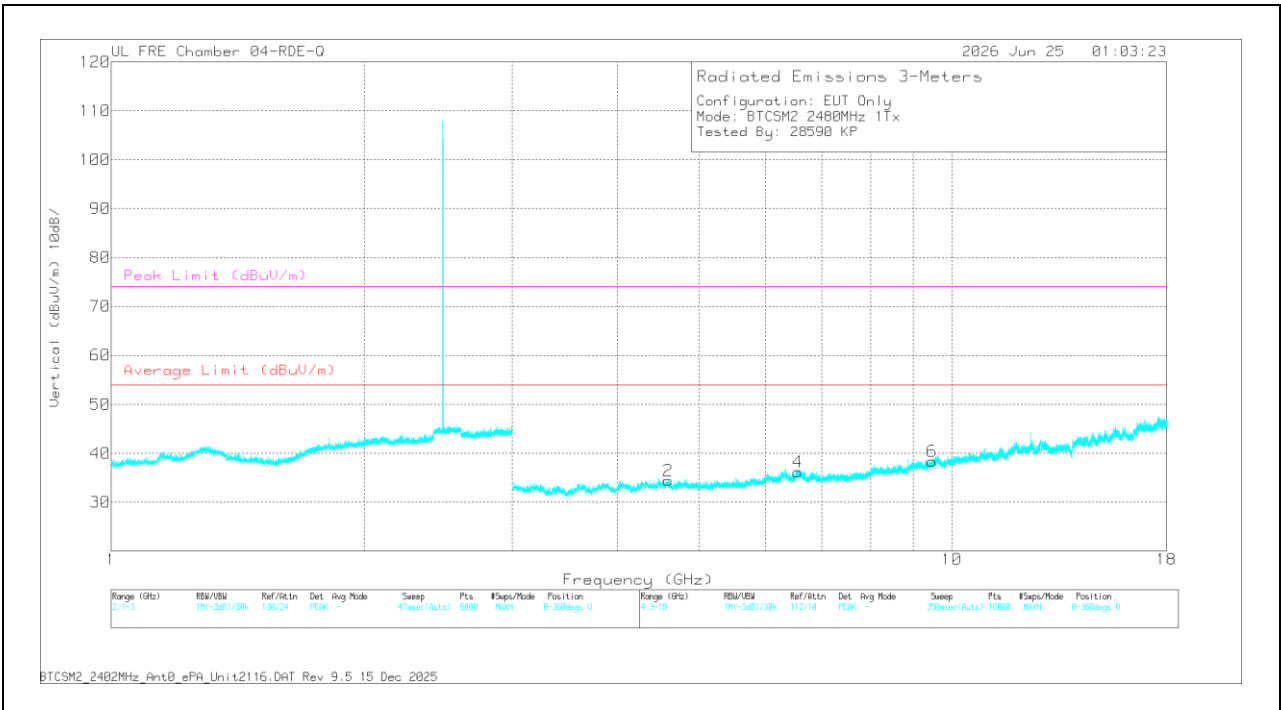
9.1.13. SPURIOUS EMISSIONS – WORST-CASE

BTCSM2 / 2480 MHz / HIGH POWER / SISO ANT 3:

HORIZONTAL RESULT



VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 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
1	* 4.574258	54.58	PKFH	34.3	-46.72	0	42.16	-	-	74	-31.84	0	100	H
	* 4.578672	47.23	VA1T	34.3	-46.71	0	34.82	54	-19.18	-	-	0	100	H
2	* 4.577689	55.37	PKFH	34.3	-46.7	0	42.97	-	-	74	-31.03	0	201	V
	* 4.578552	45.19	VA1T	34.3	-46.71	0	32.78	54	-21.22	-	-	0	201	V
6	* 9.470285	53.52	PKFH	36.7	-44.25	0	45.97	-	-	74	-28.03	0	200	V
	* 9.491929	44.25	VA1T	36.8	-44.24	0	36.81	54	-17.19	-	-	0	200	V
5	* 9.494296	53.69	PKFH	36.8	-44.28	0	46.21	-	-	74	-27.79	0	100	H
	* 9.476434	45.26	VA1T	36.7	-44.21	0	37.75	54	-16.25	-	-	0	100	H
3	6.552893	52.54	PKFH	35.7	-44.45	0	43.79	-	-	-	-	0	100	H
	6.558879	44.4	VA1T	35.7	-44.55	0	35.55	-	-	-	-	0	100	H
4	6.564324	52.82	PKFH	35.8	-44.57	0	44.05	-	-	-	-	0	200	V
	6.578617	43.29	VA1T	35.8	-44.42	0	34.67	-	-	-	-	0	200	V

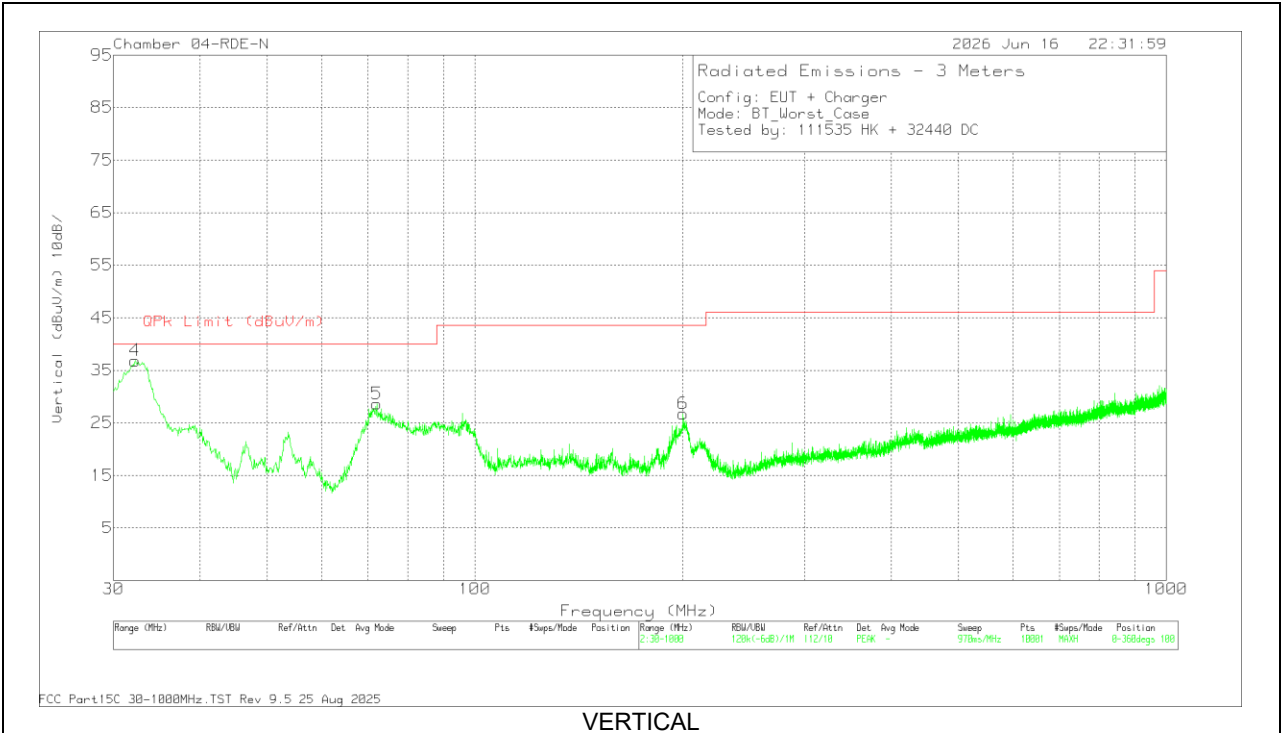
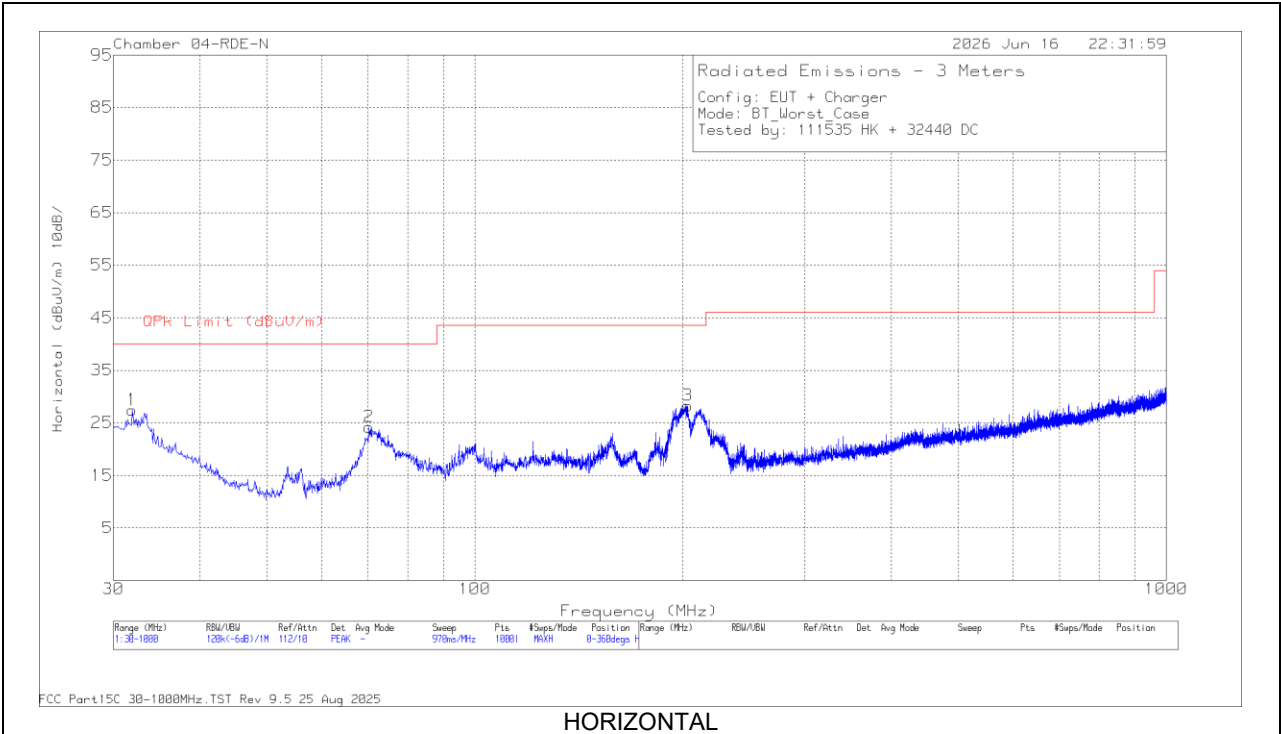
* - indicates frequency in 47 CFR Part 15 / IC RSS-Restricted Band

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

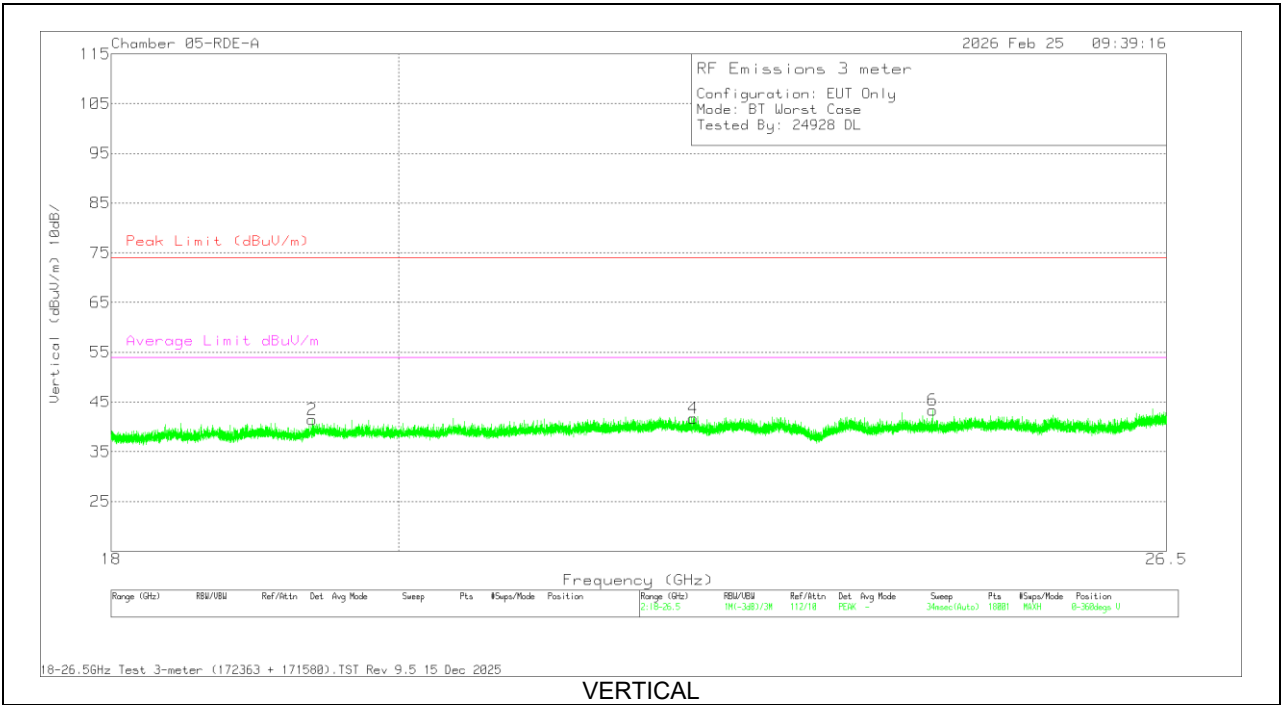
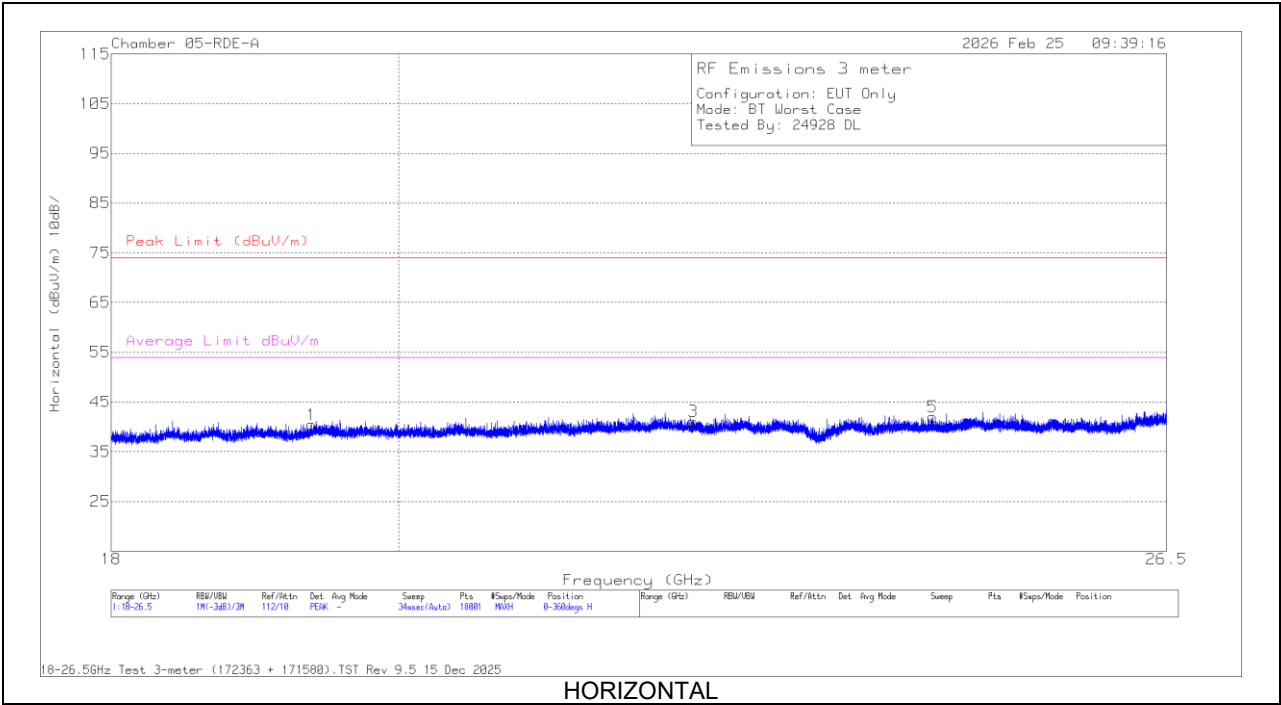
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	232075 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	32.4137	44.11	Pk	25.1	-32.5	36.71	40	-3.29	281	104	V
	32.4137	40.97	Qp	25.1	-32.5	33.57	40	-6.43	281	104	V
1	32.431	29.88	Pk	25.1	-32.5	22.48	40	-17.52	341	302	H
	32.431	24.51	Qp	25.1	-32.5	17.11	40	-22.89	341	302	H
2	70.5811	42.72	Pk	14.1	-32.1	24.72	40	-15.28	95	213	H
	70.5811	38.22	Qp	14.1	-32.1	20.22	40	-19.78	95	213	H
5	71.9807	45.95	Pk	14	-32.3	27.65	40	-12.35	350	123	V
	71.9807	41.62	Qp	14	-32.3	23.32	40	-16.68	350	123	V
6	200.016	38.5	Pk	18.4	-31.5	25.4	43.52	-18.12	93	110	V
	200.016	35	Qp	18.4	-31.5	21.9	43.52	-21.62	93	110	V
3	203.196	43.8	Pk	17.6	-31.3	30.1	43.52	-13.42	46	145	H
	203.196	40.38	Qp	17.6	-31.3	26.68	43.52	-16.84	46	145	H

Pk - Peak detector

Qp - Quasi-Peak detector

9.3. 18 GHz - 26 GHz – WORST-CASE

SPURIOUS EMISSIONS



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172363 ACF (dB/m)	CBL/AMP (dB)	Amp/Cbl/Fitr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19.37086	56.4	Pk	32.4	-63	14.6	40.4	74	-33.6	-	-	0-360	200	H
	* 19.37086	56.4	Pk	32.4	-63	14.6	40.4	-	-	54	-13.6	0-360	200	H
3	* 22.28163	55.5	Pk	33.1	-63.1	15.6	41.1	74	-32.9	-	-	0-360	200	H
	* 22.28163	55.5	Pk	33.1	-63.1	15.6	41.1	-	-	54	-12.9	0-360	200	H
2	* 19.37794	57.39	Pk	32.4	-62.9	14.6	41.49	74	-32.51	-	-	0-360	199	V
	* 19.37794	57.39	Pk	32.4	-62.9	14.6	41.49	-	-	54	-12.51	0-360	199	V
4	* 22.28258	56.14	Pk	33.1	-63.1	15.6	41.74	74	-32.26	-	-	0-360	199	V
	* 22.28258	56.14	Pk	33.1	-63.1	15.6	41.74	-	-	54	-12.26	0-360	199	V
5	24.322108	54.99	Pk	33.4	-62.8	16.4	41.99	-	-	-	-	0-360	101	H
	24.322108	54.99	Pk	33.4	-62.8	16.4	41.99	-	-	-	-	0-360	101	H
6	24.323997	56.39	Pk	33.4	-62.8	16.4	43.39	-	-	-	-	0-360	199	V
	24.323997	56.39	Pk	33.4	-62.8	16.4	43.39	-	-	-	-	0-360	199	V

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

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

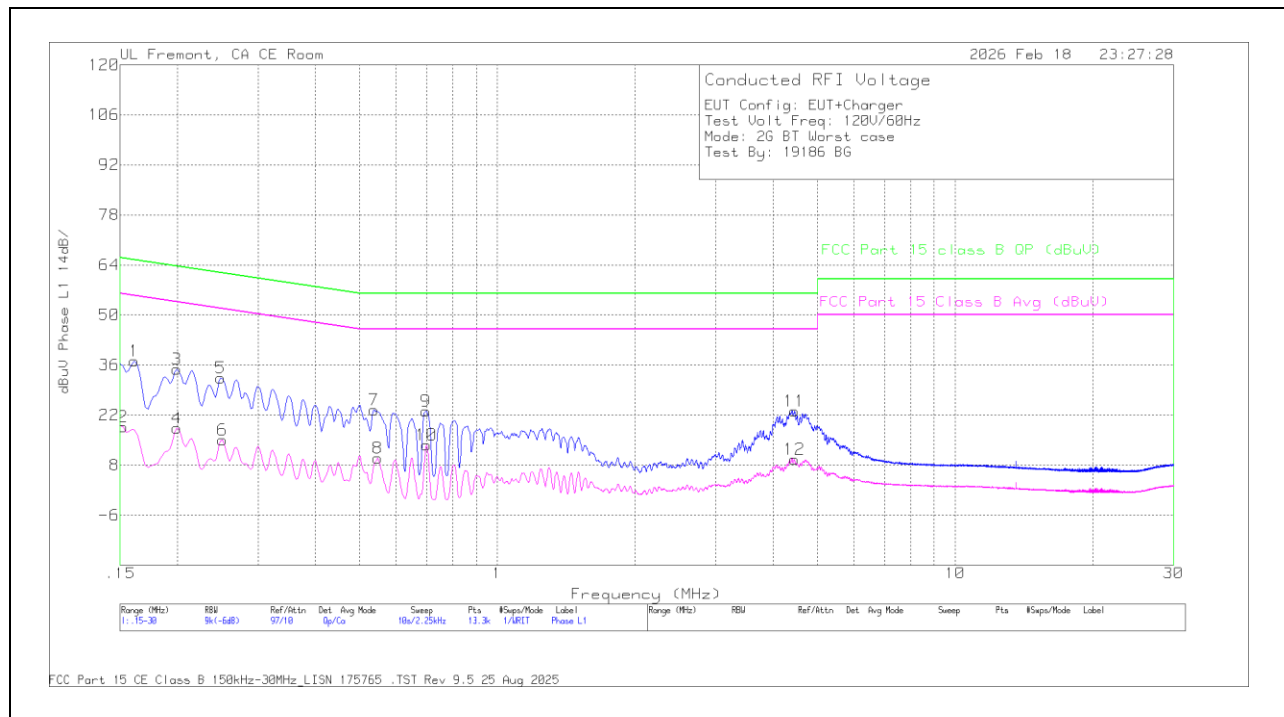
TEST PROCEDURE

ANSI C63.10 Section 6.2

RESULTS

10.1. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

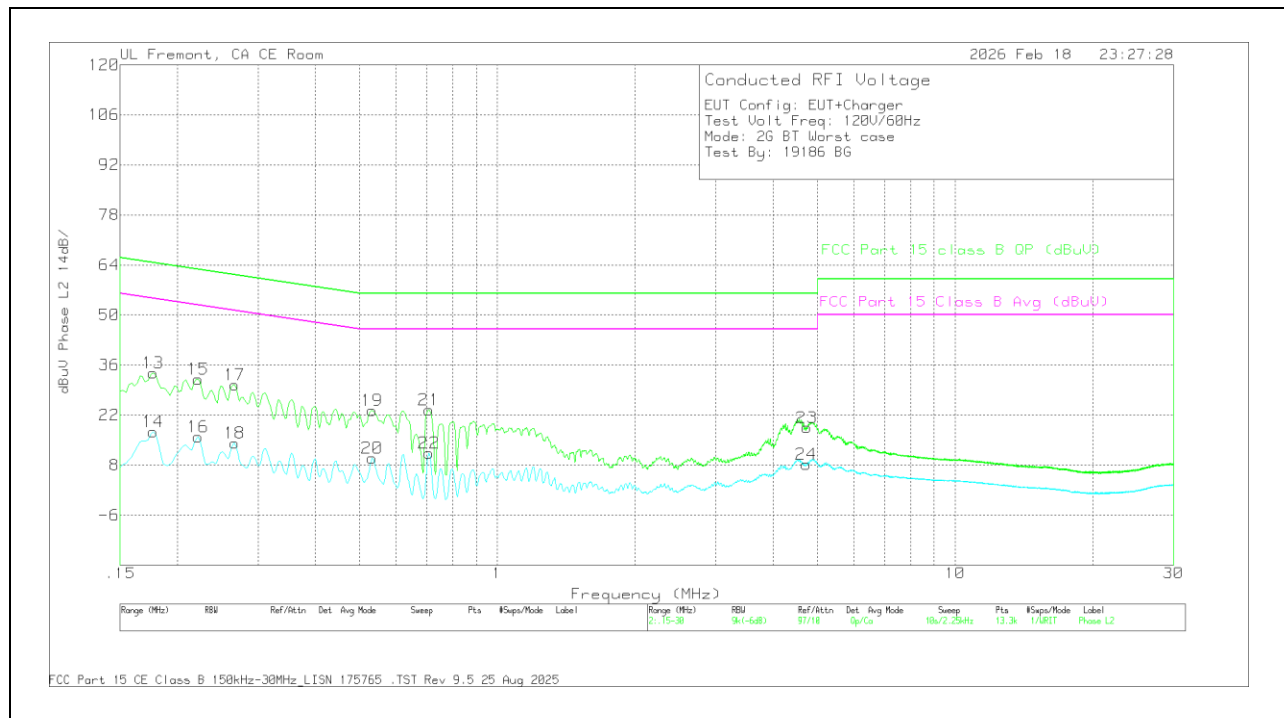


MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1523	8.57	Ca	0	.1	10	18.67	55.88	-37.21	-	-
4	.1995	8.19	Ca	0	.1	10	18.29	53.63	-35.34	-	-
6	.2513	4.97	Ca	0	0	10	14.97	51.72	-36.75	-	-
8	.5483	-.07	Ca	0	0	10	9.93	46	-36.07	-	-
10	.7013	3.54	Ca	.1	0	10	13.64	46	-32.36	-	-
12	4.452	-.52	Ca	.1	0	10	9.58	46	-36.42	-	-
1	.1613	26.97	Qp	0	.1	10	37.07	-	-	65.4	-28.33
3	.1995	24.76	Qp	0	.1	10	34.86	-	-	63.63	-28.77
5	.249	22.32	Qp	0	0	10	32.32	-	-	61.79	-29.47
7	.537	13.46	Qp	0	0	10	23.46	-	-	56	-32.54
9	.699	13.01	Qp	.1	0	10	23.11	-	-	56	-32.89
11	4.461	12.93	Qp	.1	0	10	23.03	-	-	56	-32.97

Qp - Quasi-Peak detector

Ca - CISPR average detection

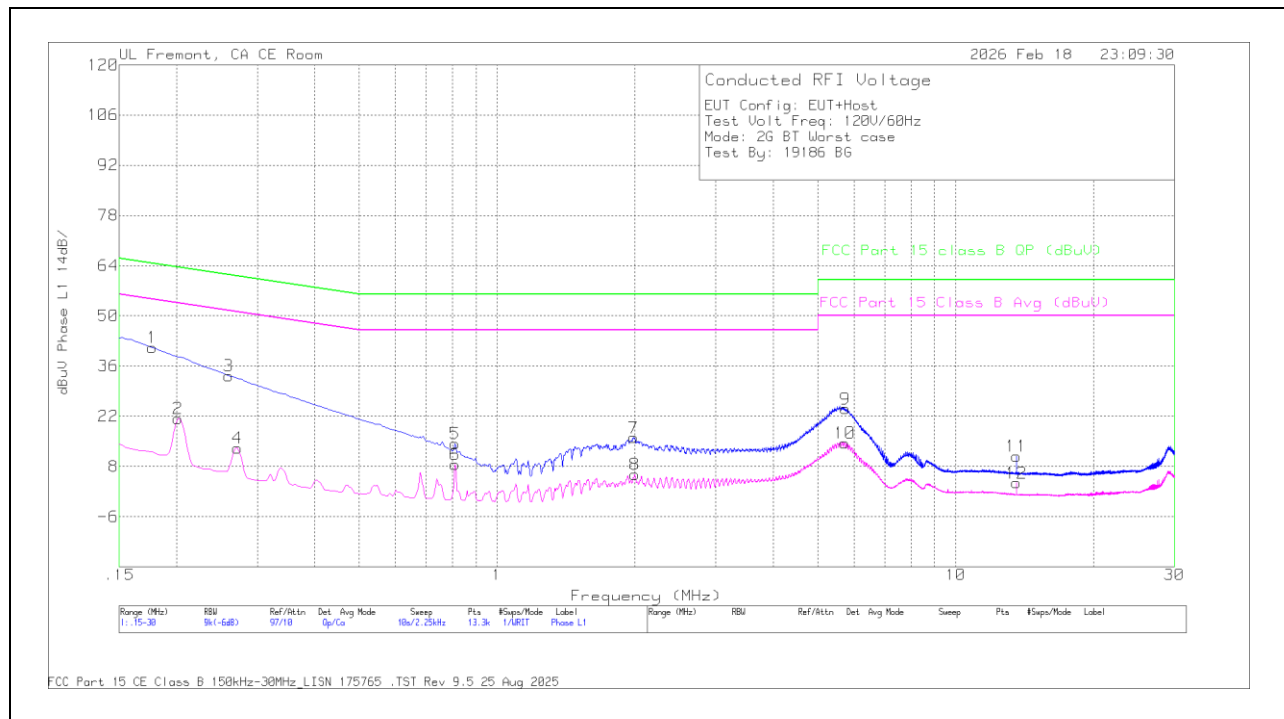
LINE 2 RESULTS**MEASURED DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
14	.177	7.32	Ca	0	0	10	17.32	54.63	-37.31	-	-
16	.222	5.92	Ca	0	0	10	15.92	52.74	-36.82	-	-
18	.267	4.23	Ca	0	0	10	14.23	51.21	-36.98	-	-
20	.5325	-1.18	Ca	.1	0	10	9.92	46	-36.08	-	-
22	.7103	1.19	Ca	.1	0	10	11.29	46	-34.71	-	-
24	4.7333	-1.93	Ca	.2	0	10	8.27	46	-37.73	-	-
13	.177	23.72	Qp	0	0	10	33.72	-	-	64.63	-30.91
15	.222	22.1	Qp	0	0	10	32.1	-	-	62.74	-30.64
17	.267	20.43	Qp	0	0	10	30.43	-	-	61.21	-30.78
19	.5325	13.21	Qp	.1	0	10	23.31	-	-	56	-32.69
21	.7103	13.37	Qp	.1	0	10	23.47	-	-	56	-32.53
23	4.74	8.27	Qp	.2	0	10	18.47	-	-	56	-37.53

Qp - Quasi-Peak detector
 Ca - CISPR average detection

10.2. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS



MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.2018	11.32	Ca	0	0	10	21.32	53.54	-32.22	-	-
4	.2715	3.17	Ca	0	0	10	13.17	51.07	-37.9	-	-
6	.8093	-1.5	Ca	.1	0	10	8.6	46	-37.4	-	-
8	1.9973	-4.4	Ca	.1	0	10	5.7	46	-40.3	-	-
10	5.739	4.27	Ca	.2	0	10	14.47	50	-35.53	-	-
12	13.56	-6.92	Ca	.2	.1	10	3.38	50	-46.62	-	-
1	.177	31.04	Qp	0	.1	10	41.14	-	-	64.63	-23.49
3	.2603	23.33	Qp	0	0	10	33.33	-	-	61.42	-28.09
5	.8093	4.19	Qp	.1	0	10	14.29	-	-	56	-41.71
7	1.9838	5.9	Qp	.1	0	10	16	-	-	56	-40
9	5.7458	13.86	Qp	.2	0	10	24.06	-	-	60	-35.94
11	13.56	.59	Qp	.2	.1	10	10.89	-	-	60	-49.11

Qp - Quasi-Peak detector

Ca - CISPR average detection