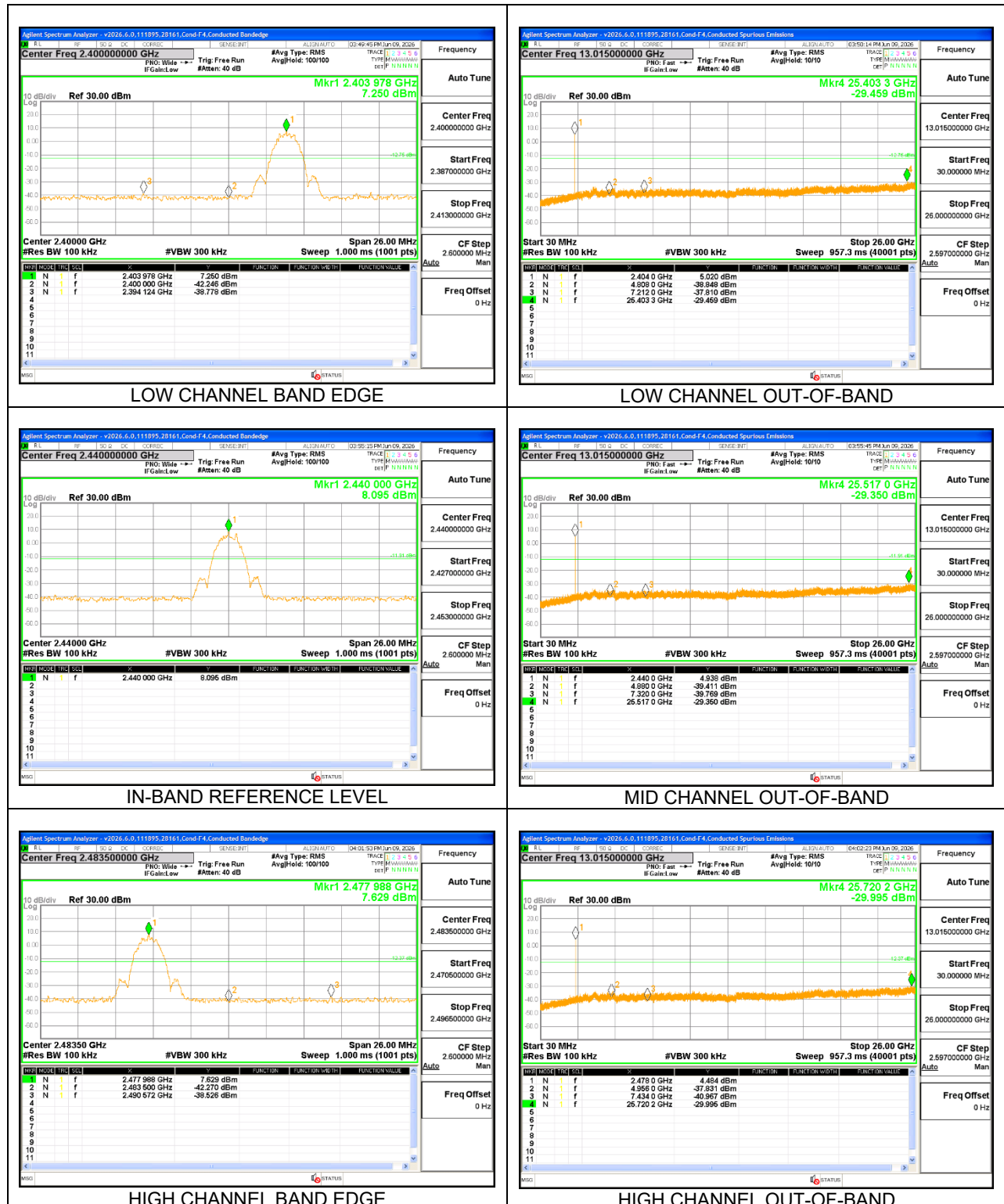
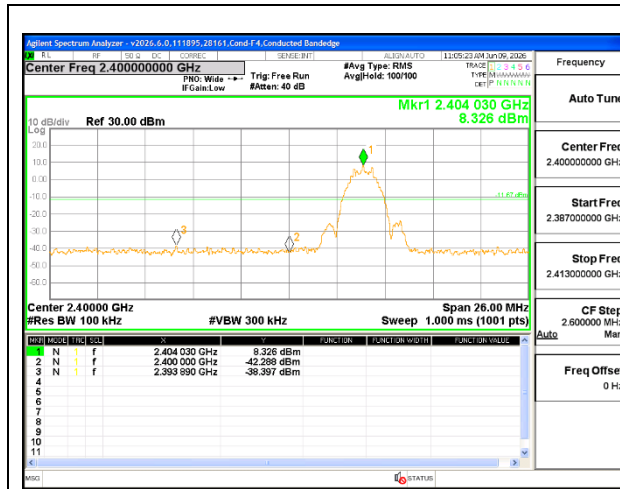


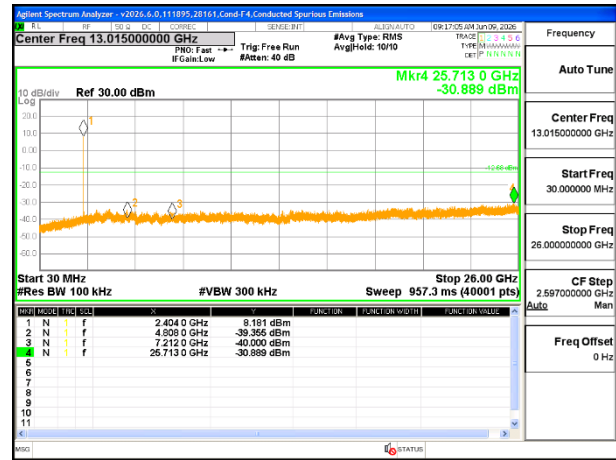
ANT 3

8.6.14. LE2M – LOW POWER – MIMO TXBF

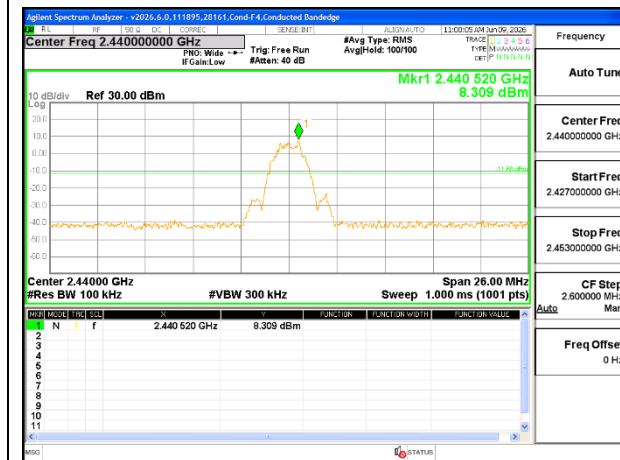
ANT 4



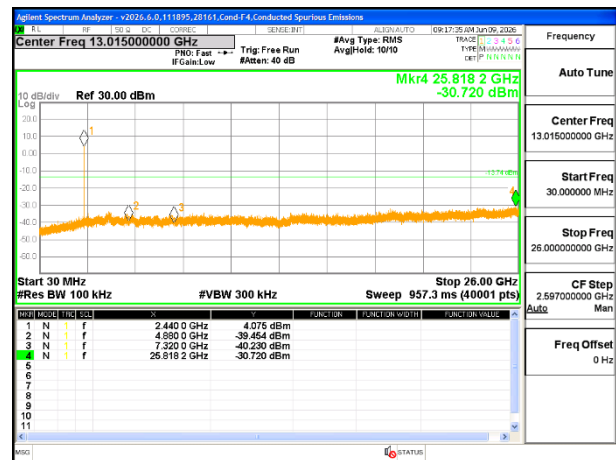
LOW CHANNEL BAND EDGE



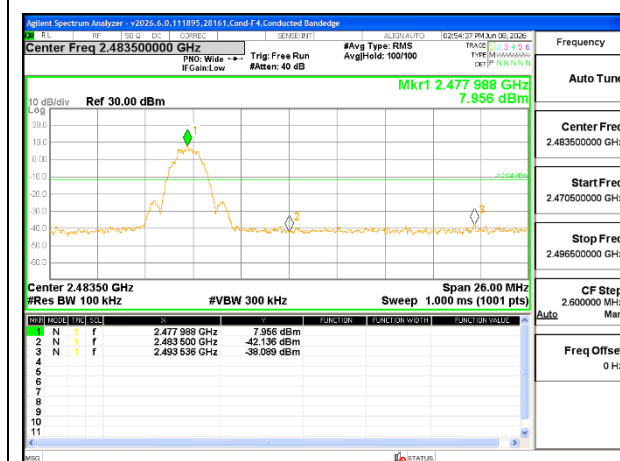
LOW CHANNEL OUT-OF-BAND



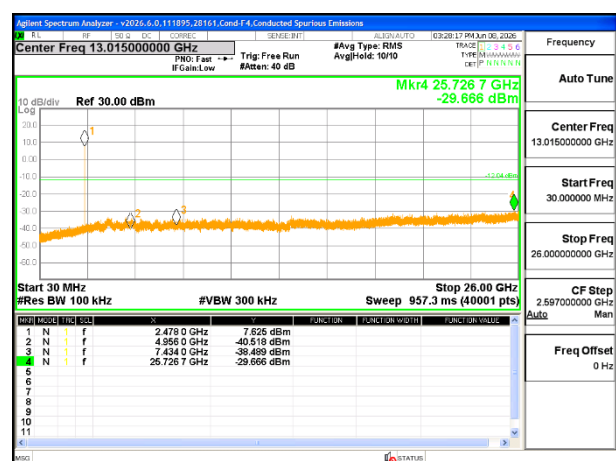
IN-BAND REFERENCE LEVEL



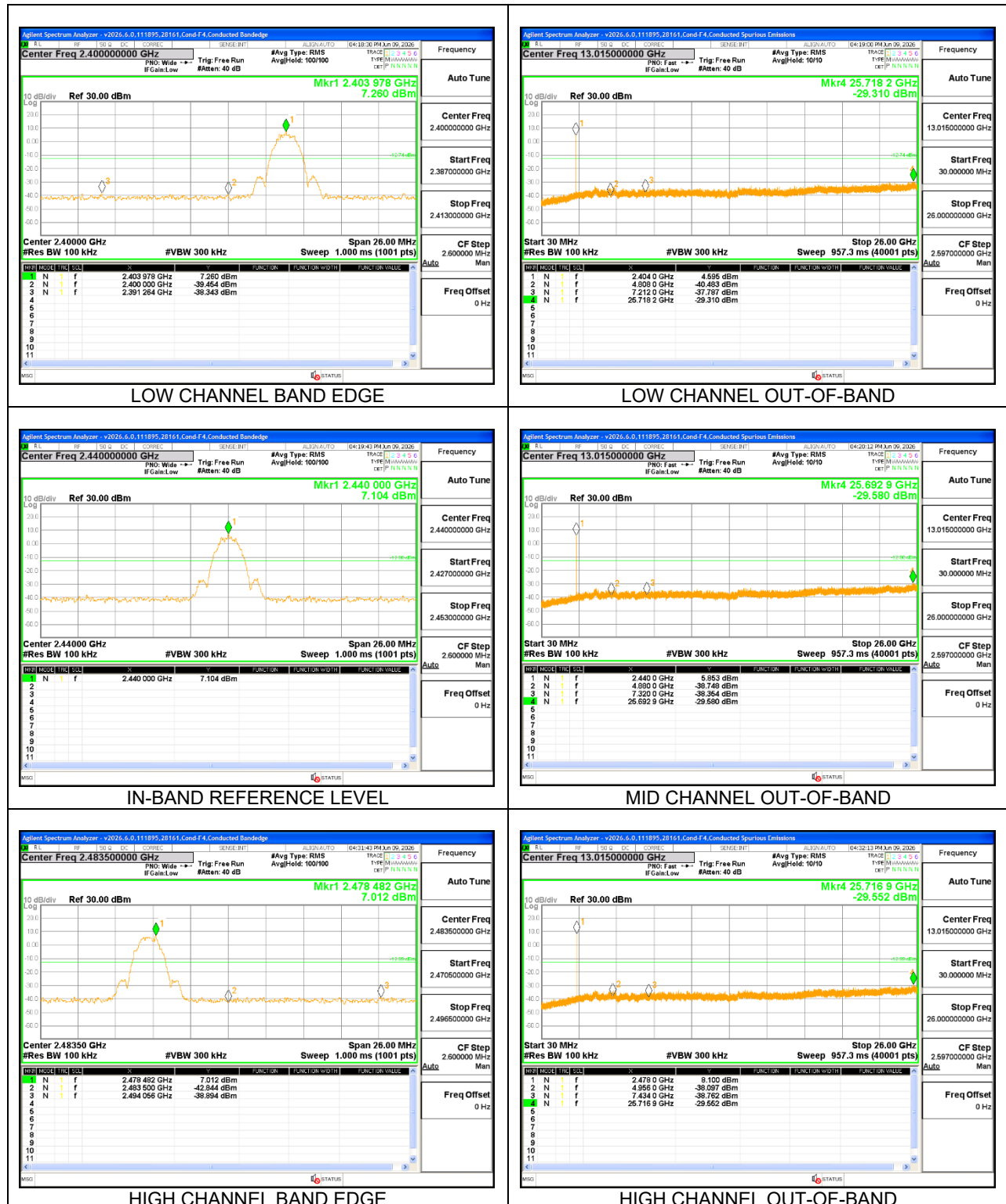
MID CHANNEL OUT-OF-BAND



HIGH CHANNEL BAND EDGE

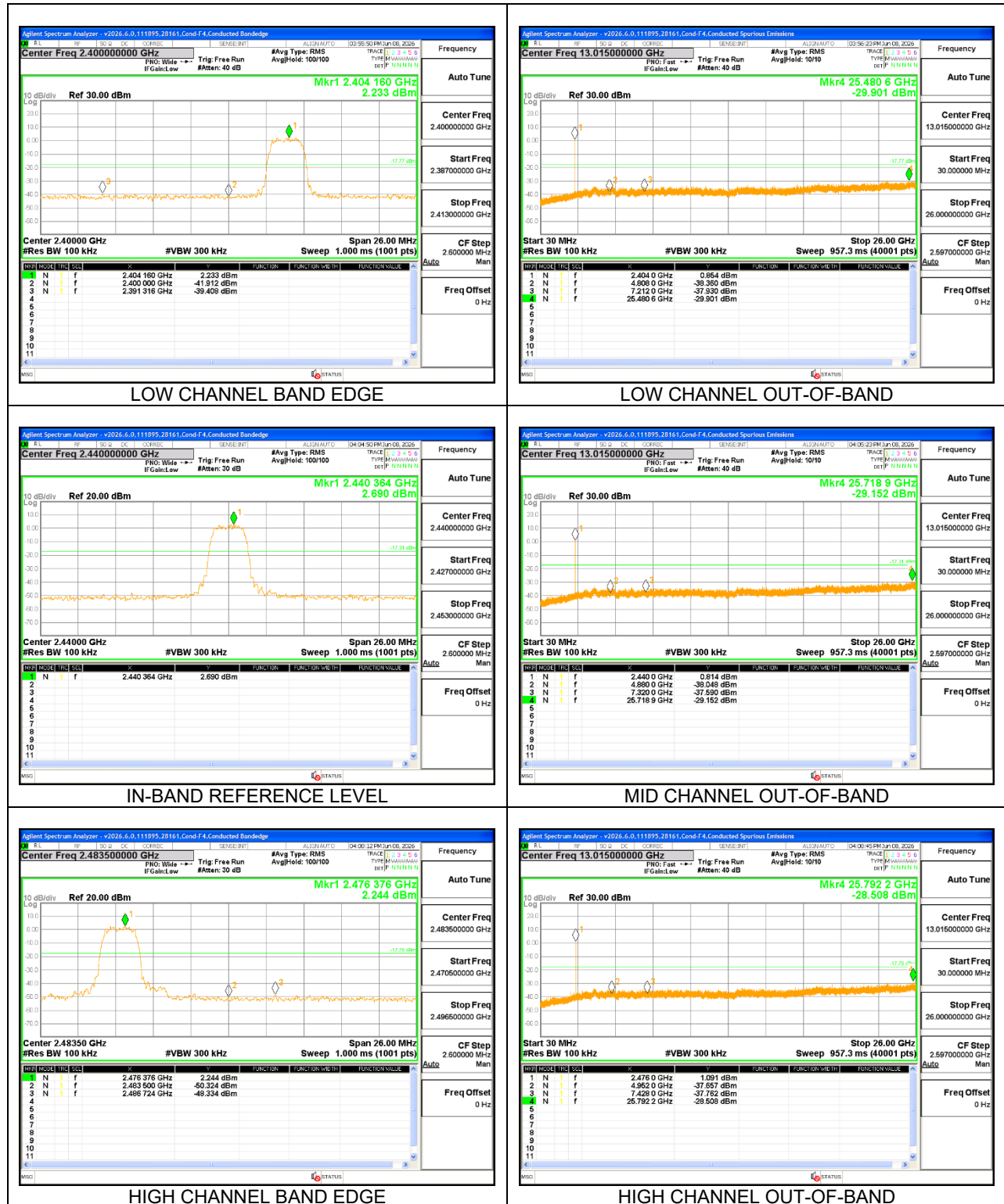


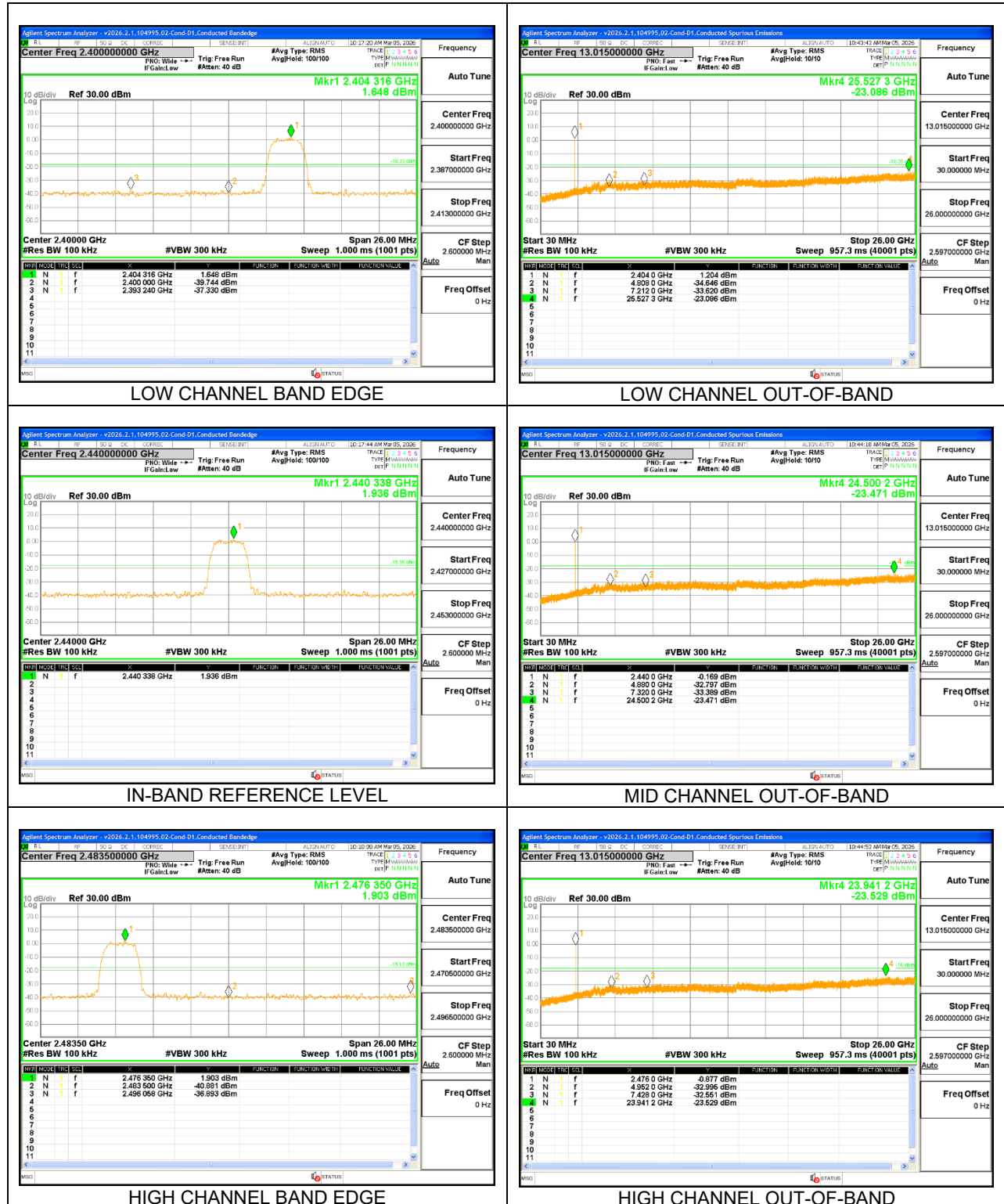
HIGH CHANNEL OUT-OF-BAND

ANT 3

8.6.15. HDT2 – LOW POWER – SISO

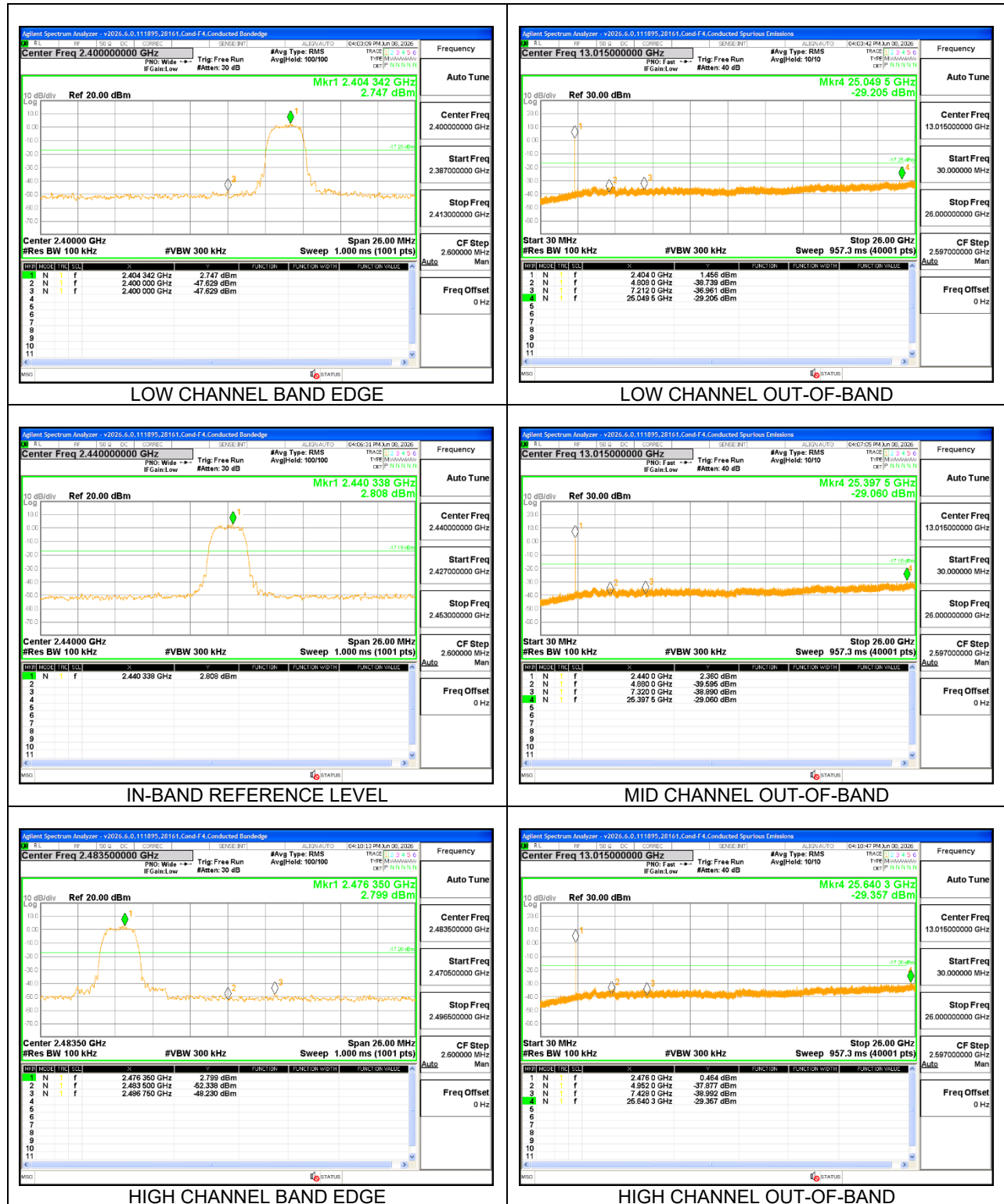
ANT 4

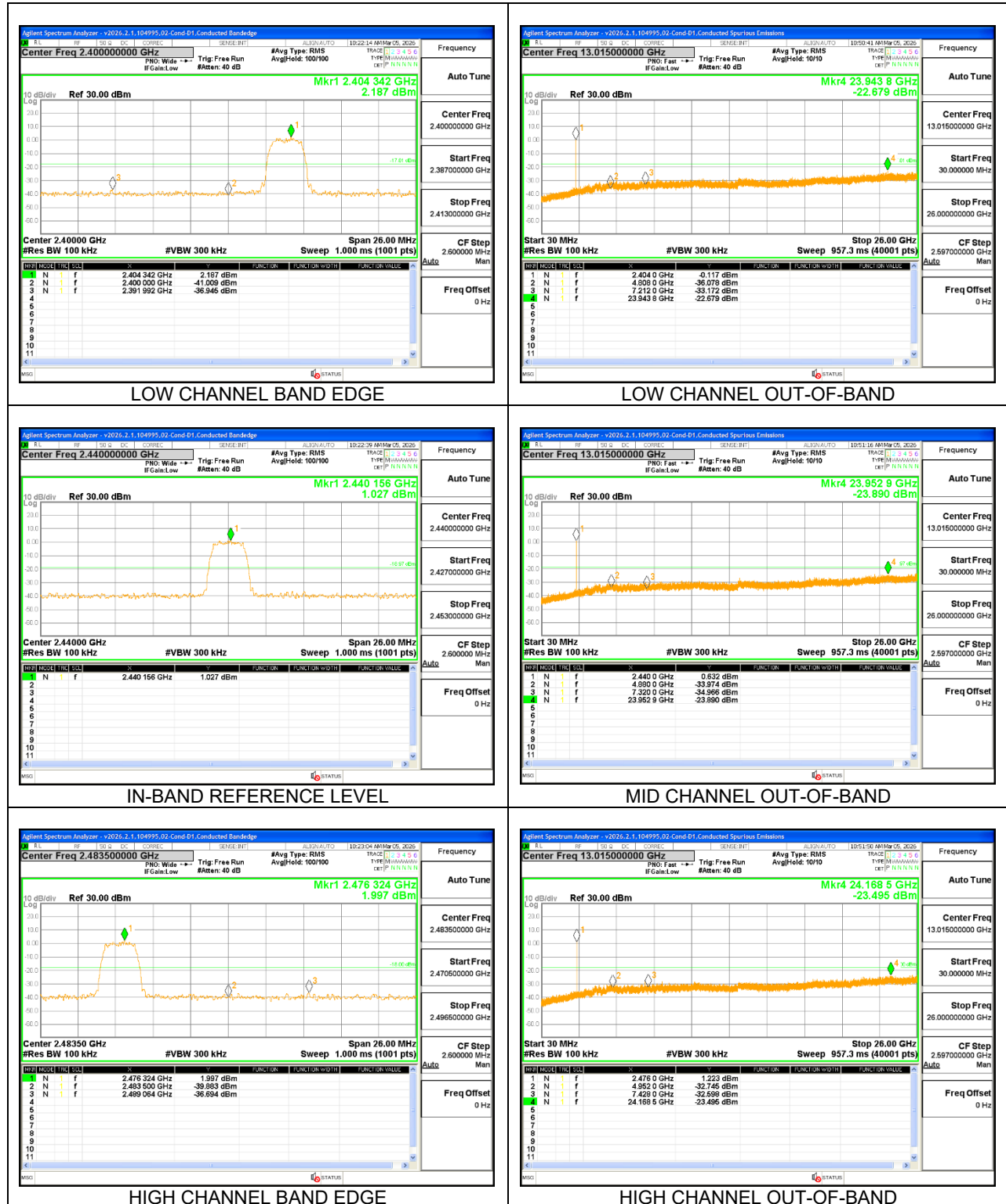


ANT 3

8.6.16. HDT2 – LOW POWER – MIMO TXBF

ANT 4



ANT 3

9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 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 Emissions Non-Restricted Frequency Bands	ANSI C63.10 Subclause - 11.11 and 13
Radiated Emissions Restricted Frequency Bands	ANSI C63.10 Subclause - 11.12.1 and 13
Band-Edge	ANSI C63.10 Subclause - 11.12.2.4 and 13: Peak Measurement
Band-Edge	ANSI C63.10 Subclause - 11.12.2.5 and 13: Average Measurement
Radiated Spurious Emissions Below 30MHz	ANSI C63.10 Subclause - 6.4 and 13

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

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. 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 measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

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

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/ Fitr/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
LELR8	2402	4	* 2.39	59.7	Pk	32.2	-37.08	0	54.82	-	-	74	-19.18	123	122	H
			* 2.327656	62.43	Pk	31.9	-37.09	0	57.24	-	-	74	-16.76	123	122	H
			* 2.39	49.83	RMS	32.2	-37.08	0.11	45.06	54	-8.94	-	-	123	122	H
			* 2.363421	50.5	RMS	32.1	-37.14	0.11	45.57	54	-8.43	-	-	123	122	H
			* 2.39	60.51	Pk	32.2	-37.08	0	55.63	-	-	74	-18.37	311	372	V
			* 2.367918	62.52	Pk	32.1	-37.11	0	57.51	-	-	74	-16.49	311	372	V
			* 2.39	49.05	RMS	32.2	-37.08	0.11	44.28	54	-9.72	-	-	311	372	V
			* 2.388108	50.1	RMS	32.2	-37.08	0.11	45.33	54	-8.67	-	-	311	372	V
		3	* 2.39	61.6	Pk	31.7	-41.04	0	52.26	-	-	74	-21.74	51	314	H
			* 2.32821	63.93	Pk	31.6	-41.05	0	54.48	-	-	74	-19.52	51	314	H
			* 2.39	50.43	RMS	31.7	-41.04	0.11	41.2	54	-12.8	-	-	51	314	H
			* 2.328049	52.28	RMS	31.6	-41.05	0.11	42.94	54	-11.06	-	-	51	314	H
			* 2.39	61.15	Pk	31.7	-41.04	0	51.81	-	-	74	-22.19	337	292	V
			* 2.387118	64.34	Pk	31.7	-41.04	0	55	-	-	74	-19	337	292	V
			* 2.39	50.96	RMS	31.7	-41.04	0.11	41.73	54	-12.27	-	-	337	292	V
			* 2.328093	52.07	RMS	31.6	-41.05	0.11	42.73	54	-11.27	-	-	337	292	V
LE1M	2402	4	* 2.39	59.46	Pk	32.1	-37.6	0	53.96	-	-	74	-20.04	202	101	H
			* 2.343217	61.64	Pk	31.9	-37.6	0	55.94	-	-	74	-18.06	202	101	H
			* 2.39	49.31	RMS	32.1	-37.6	0.72	44.53	54	-9.47	-	-	202	101	H
			* 2.382125	49.88	RMS	32.1	-37.6	0.72	45.1	54	-8.9	-	-	202	101	H
			* 2.39	58.7	Pk	32.1	-37.6	0	53.2	-	-	74	-20.8	135	101	V
			* 2.312911	61.73	Pk	31.9	-37.6	0	56.03	-	-	74	-17.97	135	101	V
			* 2.39	48.86	RMS	32.1	-37.6	0.72	44.08	54	-9.92	-	-	135	101	V
			* 2.38786	49.92	RMS	32.1	-37.6	0.72	45.14	54	-8.86	-	-	135	101	V
		3	* 2.39	59.61	Pk	32.2	-34.31	0	57.5	-	-	74	-16.5	124	124	H
			* 2.384949	61.44	Pk	32.2	-34.32	0	59.32	-	-	74	-14.68	124	124	H
			* 2.39	48.39	RMS	32.2	-34.31	0.72	47	54	-7	-	-	124	124	H
			* 2.382882	49.68	RMS	32.2	-34.33	0.72	48.27	54	-5.73	-	-	124	124	H
			* 2.39	59.33	Pk	32.2	-34.31	0	57.22	-	-	74	-16.78	113	288	V
			* 2.328821	61.91	Pk	31.9	-34.46	0	59.35	-	-	74	-14.65	113	288	V
			* 2.39	48.19	RMS	32.2	-34.31	0.72	46.8	54	-7.2	-	-	113	288	V
			* 2.382183	49.72	RMS	32.2	-34.34	0.72	48.3	54	-5.7	-	-	113	288	V
LE2M	2404	4	* 2.39	61.83	Pk	31.7	-41.04	0	52.49	-	-	74	-21.51	355	169	H
			* 2.325939	64.11	Pk	31.6	-41.04	0	54.67	-	-	74	-19.33	355	169	H
			* 2.39	50	RMS	31.7	-41.04	2.46	43.12	54	-10.88	-	-	355	169	H
			* 2.315662	51.74	RMS	31.6	-41.08	2.46	44.72	54	-9.28	-	-	355	169	H
			* 2.39	61.04	Pk	31.7	-41.04	0	51.7	-	-	74	-22.3	44	109	V
			* 2.37099	63.38	Pk	31.7	-41.03	0	54.05	-	-	74	-19.95	44	109	V
			* 2.39	50.43	RMS	31.7	-41.04	2.46	43.55	54	-10.45	-	-	44	109	V
			* 2.364963	51.58	RMS	31.6	-41.04	2.46	44.6	54	-9.4	-	-	44	109	V
		3	* 2.39	60.9	Pk	31.7	-41.04	0	51.56	-	-	74	-22.44	40	146	H
			* 2.357423	64.15	Pk	31.6	-41	0	54.75	-	-	74	-19.25	40	146	H
			* 2.39	50.18	RMS	31.7	-41.04	2.46	43.3	54	-10.7	-	-	40	146	H
			* 2.384585	51.54	RMS	31.7	-41.06	2.46	44.64	54	-9.36	-	-	40	146	H
			* 2.39	61.32	Pk	31.7	-41.04	0	51.98	-	-	74	-22.02	351	292	V
			* 2.362518	64.32	Pk	31.6	-41.03	0	54.89	-	-	74	-19.11	351	292	V
			* 2.39	50.31	RMS	31.7	-41.04	2.46	43.43	54	-10.57	-	-	351	292	V
			* 2.329592	51.58	RMS	31.6	-41.05	2.46	44.59	54	-9.41	-	-	351	292	V
HDT2	2404	4	* 2.39	61.16	Pk	31.7	-41.04	0	51.82	-	-	74	-22.18	205	222	H
			* 2.348341	63.57	Pk	31.6	-41.03	0	54.14	-	-	74	-19.86	205	222	H
			* 2.39	50.56	RMS	31.7	-41.04	0.16	41.38	54	-12.62	-	-	205	222	H
			* 2.386215	51.6	RMS	31.7	-41.06	0.16	42.4	54	-11.6	-	-	205	222	H
			* 2.39	61.47	Pk	31.7	-41.04	0	52.13	-	-	74	-21.87	46	110	V
			* 2.330786	63.87	Pk	31.6	-41.07	0	54.4	-	-	74	-19.6	46	110	V
			* 2.39	50.05	RMS	31.7	-41.04	0.16	40.87	54	-13.13	-	-	46	110	V
			* 2.339345	51.63	RMS	31.6	-41.01	0.16	42.38	54	-11.62	-	-	46	110	V
		3	* 2.39	61.15	Pk	31.7	-41.04	0	51.81	-	-	74	-22.19	51	198	H
			* 2.32067	63.71	Pk	31.6	-41	0	54.31	-	-	74	-19.69	51	198	H
			* 2.39	50.68	RMS	31.7	-41.04	0.16	41.5	54	-12.5	-	-	51	198	H
			* 2.355517	51.65	RMS	31.6	-40.99	0.16	42.42	54	-11.58	-	-	51	198	H
			* 2.39	61.36	Pk	31.7	-41.04	0	52.02	-	-	74	-21.98	339	291	V
			* 2.387321	63.48	Pk	31.7	-41.04	0	54.14	-	-	74	-19.86	339	291	V
			* 2.39	50.45	RMS	31.7	-41.04	0.16	41.27	54	-12.73	-	-	339	291	V
			* 2.384337	51.65	RMS	31.7	-41.05	0.16	42.46	54	-11.54	-	-	339	291	V

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

Pk - Peak detector

RMS - RMS detection

9.1.2. LOW BAND EDGE – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Fitr/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
LELR8	2402	4+3	* 2.39	61.63	Pk	31.7	-41.04	0	52.29	-	-	74	-21.71	167	121	H
			* 2.369607	63.62	Pk	31.7	-41.03	0	54.29	-	-	74	-19.71	167	121	H
			* 2.39	50.86	RMS	31.7	-41.04	0.11	41.63	54	-12.37	-	-	167	121	H
			* 2.328093	53.39	RMS	31.6	-41.05	0.11	44.05	54	-9.95	-	-	167	121	H
			* 2.39	60.91	Pk	31.7	-41.04	0	51.57	-	-	74	-22.43	215	154	V
			* 2.33802	63.95	Pk	31.6	-41.01	0	54.54	-	-	74	-19.46	215	154	V
			* 2.39	50.66	RMS	31.7	-41.04	0.11	41.43	54	-12.57	-	-	215	154	V
			* 2.343421	51.62	RMS	31.6	-41.04	0.11	42.29	54	-11.71	-	-	215	154	V
LE1M	2402	4+3	* 2.39	60.62	Pk	28.4	-40.4	0	48.62	-	-	74	-25.38	130	116	H
			* 2.332693	63.37	Pk	28.3	-40.4	0	51.27	-	-	74	-22.73	130	116	H
			* 2.39	50.55	RMS	28.4	-40.4	0.72	39.27	54	-14.73	-	-	130	116	H
			* 2.389578	51.16	RMS	28.4	-40.4	0.72	39.88	54	-14.12	-	-	130	116	H
			* 2.39	60.2	Pk	28.4	-40.4	0	48.2	-	-	74	-25.8	24	119	V
			* 2.389432	63.51	Pk	28.4	-40.4	0	51.51	-	-	74	-22.49	24	119	V
			* 2.39	49.89	RMS	28.4	-40.4	0.72	38.61	54	-15.39	-	-	24	119	V
			* 2.319898	51.34	RMS	28.2	-40.5	0.72	39.76	54	-14.24	-	-	24	119	V
LE2M	2404	4+3	* 2.39	61.06	Pk	31.7	-41.04	0	51.72	-	-	74	-22.28	172	121	H
			* 2.336041	63.51	Pk	31.6	-41	0	54.11	-	-	74	-19.89	172	121	H
			* 2.39	50.75	RMS	31.7	-41.04	2.46	43.87	54	-10.13	-	-	172	121	H
			* 2.32984	52.35	RMS	31.6	-41.05	2.46	45.36	54	-8.64	-	-	172	121	H
			* 2.39	60.95	Pk	31.7	-41.04	0	51.61	-	-	74	-22.39	66	362	V
			* 2.386375	63.69	Pk	31.7	-41.05	0	54.34	-	-	74	-19.66	66	362	V
			* 2.39	50.63	RMS	31.7	-41.04	2.46	43.75	54	-10.25	-	-	66	362	V
			* 2.314978	51.78	RMS	31.6	-41.09	2.46	44.75	54	-9.25	-	-	66	362	V
HDT2	2404	4+3	* 2.39	61.29	Pk	31.7	-41.04	0	51.95	-	-	74	-22.05	166	123	H
			* 2.355211	63.5	Pk	31.6	-40.99	0	54.11	-	-	74	-19.89	166	123	H
			* 2.39	51.22	RMS	31.7	-41.04	0.16	42.04	54	-11.96	-	-	166	123	H
			* 2.329359	52.73	RMS	31.6	-41.05	0.16	43.44	54	-10.56	-	-	166	123	H
			* 2.39	61.56	Pk	31.7	-41.04	0	52.22	-	-	74	-21.78	218	153	V
			* 2.380684	63.9	Pk	31.7	-41.04	0	54.56	-	-	74	-19.44	218	153	V
			* 2.39	50.6	RMS	31.7	-41.04	0.16	41.42	54	-12.58	-	-	218	153	V
			* 2.352751	51.81	RMS	31.6	-40.99	0.16	42.58	54	-11.42	-	-	218	153	V

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

Pk - Peak detector

RMS - RMS detection

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)	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
LELR8	2402	4	* 2.39	61.07	Pk	28.4	-40.4	0	49.07	-	-	74	-24.93	333	144	H
			* 2.385866	63.25	Pk	28.4	-40.4	0	51.25	-	-	74	-22.75	333	144	H
			* 2.39	49.89	RMS	28.4	-40.4	0.11	38	54	-16	-	-	333	144	H
			* 2.388966	51.01	RMS	28.4	-40.4	0.11	39.12	54	-14.88	-	-	333	144	H
			* 2.39	60.82	Pk	28.4	-40.4	0	48.82	-	-	74	-25.18	152	396	V
			* 2.379272	62.79	Pk	28.4	-40.4	0	50.79	-	-	74	-23.21	152	396	V
		3	* 2.39	49.95	RMS	28.4	-40.4	0.11	38.06	54	-15.94	-	-	152	396	V
			* 2.373231	50.96	RMS	28.4	-40.4	0.11	39.07	54	-14.93	-	-	152	396	V
			* 2.39	60.59	Pk	28.4	-40.4	0	48.59	-	-	74	-25.41	95	242	H
			* 2.347089	63.24	Pk	28.3	-40.4	0	51.14	-	-	74	-22.86	95	242	H
			* 2.39	49.15	RMS	28.4	-40.4	0.11	37.26	54	-16.74	-	-	95	242	H
			* 2.373595	51.13	RMS	28.4	-40.4	0.11	39.24	54	-14.76	-	-	95	242	H
			* 2.39	61.89	Pk	28.4	-40.4	0	49.89	-	-	74	-24.11	40	284	V
			* 2.385327	62.81	Pk	28.4	-40.4	0	50.81	-	-	74	-23.19	40	284	V
LE1M	2402	4	* 2.39	50.11	RMS	28.4	-40.4	0.11	38.22	54	-15.78	-	-	40	284	V
			* 2.337671	51.11	RMS	28.3	-40.5	0.11	39.02	54	-14.98	-	-	40	284	V
			* 2.39	61.04	Pk	32.3	-38.55	0	54.79	-	-	74	-19.21	19	101	H
			* 2.383959	63.47	Pk	32.2	-38.56	0	57.11	-	-	74	-16.89	19	101	H
			* 2.39	50.09	RMS	32.3	-38.55	0.72	44.56	54	-9.44	-	-	19	101	H
			* 2.388617	50.77	RMS	32.3	-38.56	0.72	45.23	54	-8.77	-	-	19	101	H
			* 2.39	61.03	Pk	32.3	-38.55	0	54.78	-	-	74	-19.22	193	363	V
			* 2.31115	63.4	Pk	31.9	-38.68	0	56.62	-	-	74	-17.38	193	363	V
		3	* 2.39	50.54	RMS	32.3	-38.55	0.72	45.01	54	-8.99	-	-	193	363	V
			* 2.389636	50.71	RMS	32.3	-38.55	0.72	45.18	54	-8.82	-	-	193	363	V
			* 2.39	61.27	Pk	32.3	-38.55	0	55.02	-	-	74	-18.98	131	249	H
			* 2.388588	63.09	Pk	32.3	-38.56	0	56.83	-	-	74	-17.17	131	249	H
			* 2.39	50.24	RMS	32.3	-38.55	0.72	44.7	54	-9.3	-	-	131	249	H
			* 2.378282	50.86	RMS	32.2	-38.58	0.72	45.19	54	-8.81	-	-	131	249	H
LE2M	2404	4	* 2.39	60.88	Pk	32.3	-38.55	0	54.63	-	-	74	-19.37	14	303	V
			* 2.379781	63.43	Pk	32.2	-38.57	0	57.06	-	-	74	-16.94	14	303	V
			* 2.39	50.13	RMS	32.3	-38.55	0.72	44.59	54	-9.41	-	-	14	303	V
			* 2.387423	51.13	RMS	32.2	-38.58	0.72	45.46	54	-8.54	-	-	14	303	V
		3	* 2.39	60.65	Pk	28.4	-40.4	0	48.65	-	-	74	-25.35	333	144	H
			* 2.316536	63.08	Pk	28.2	-40.4	0	50.88	-	-	74	-23.12	333	144	H
			* 2.39	49.92	RMS	28.4	-40.4	2.46	40.38	54	-13.62	-	-	333	144	H
			* 2.378894	50.96	RMS	28.4	-40.4	2.46	41.42	54	-12.58	-	-	333	144	H
			* 2.39	60.71	Pk	28.4	-40.4	0	48.71	-	-	74	-25.29	165	397	V
			* 2.333668	63.24	Pk	28.3	-40.4	0	51.14	-	-	74	-22.86	165	397	V
HDT2	2404	4	* 2.39	50.08	RMS	28.4	-40.4	2.46	40.54	54	-13.46	-	-	165	397	V
			* 2.342547	51.12	RMS	28.3	-40.4	2.46	41.48	54	-12.52	-	-	165	397	V
			* 2.39	61.93	Pk	28.4	-40.4	0	49.93	-	-	74	-24.07	283	333	H
			* 2.363188	63.98	Pk	28.3	-40.4	0	51.88	-	-	74	-22.12	283	333	H
			* 2.39	49.73	RMS	28.4	-40.4	2.46	40.19	54	-13.81	-	-	283	333	H
			* 2.380655	50.98	RMS	28.4	-40.4	2.46	41.44	54	-12.56	-	-	283	333	H
			* 2.39	61.15	Pk	28.4	-40.4	0	49.15	-	-	74	-24.85	213	268	V
			* 2.34393	63.14	Pk	28.3	-40.4	0	51.04	-	-	74	-22.96	213	268	V
		3	* 2.39	50.02	RMS	28.4	-40.4	2.46	40.48	54	-13.52	-	-	213	268	V
			* 2.378471	50.97	RMS	28.4	-40.4	2.46	41.43	54	-12.57	-	-	213	268	V
			* 2.39	60.27	Pk	28.4	-40.4	0	48.27	-	-	74	-25.73	322	123	H
			* 2.340437	63.15	Pk	28.3	-40.4	0	51.05	-	-	74	-22.95	322	123	H
			* 2.39	49.8	RMS	28.4	-40.4	0.16	37.96	54	-16.04	-	-	322	123	H
			* 2.386244	51.04	RMS	28.4	-40.4	0.16	39.2	54	-14.8	-	-	322	123	H
	2404	4	* 2.39	61.34	Pk	28.4	-40.4	0	49.34	-	-	74	-24.66	146	397	V
			* 2.346143	63.95	Pk	28.3	-40.4	0	51.85	-	-	74	-22.15	146	397	V
			* 2.39	49.65	RMS	28.4	-40.4	0.16	37.81	54	-16.19	-	-	146	397	V
			* 2.378675	51.01	RMS	28.4	-40.4	0.16	39.17	54	-14.83	-	-	146	397	V
			* 2.39	61.68	Pk	28.4	-40.4	0	49.68	-	-	74	-24.32	287	126	H
			* 2.383624	63.17	Pk	28.4	-40.4	0	51.17	-	-	74	-22.83	287	126	H
		3	* 2.39	49.73	RMS	28.4	-40.4	0.16	37.89	54	-16.11	-	-	287	126	H
			* 2.316143	51.2	RMS	28.2	-40.4	0.16	39.16	54	-14.84	-	-	287	126	H
			* 2.39	60.91	Pk	28.4	-40.4	0	48.91	-	-	74	-25.09	209	235	V
			* 2.354949	63.3	Pk	28.3	-40.4	0	51.2	-	-	74	-22.8	209	235	V
	2404	3	* 2.39	50.11	RMS	28.4	-40.4	0.16	38.27	54	-15.73	-	-	209	235	V
			* 2.355444	51.12	RMS	28.3	-40.4	0.16	39.18	54	-14.82	-	-	209	235	V

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

Pk - Peak detector

RMS - RMS detection

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/Cb/ Fitr/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
LELR8	2402	4+3	* 2.39	60.58	Pk	32	-34.04	0	58.54	-	-	74	-15.46	327	142	H
			* 2.380291	61.94	Pk	32	-34.08	0	59.86	-	-	74	-14.14	327	142	H
			* 2.39	48.66	RMS	32	-34.04	0.11	46.73	54	-7.27	-	-	327	142	H
			* 2.372038	50.04	RMS	31.9	-34.13	0.11	47.92	54	-6.08	-	-	327	142	H
			* 2.39	59.99	Pk	32	-34.04	0	57.95	-	-	74	-16.05	199	113	V
			* 2.335342	62.55	Pk	31.7	-34.28	0	59.97	-	-	74	-14.03	199	113	V
			* 2.39	49.06	RMS	32	-34.04	0.11	47.13	54	-6.87	-	-	199	113	V
			* 2.388952	50.02	RMS	32	-34.05	0.11	48.08	54	-5.92	-	-	199	113	V
LE1M	2402	4+3	* 2.39	59.33	Pk	32.1	-34.83	0	56.6	-	-	74	-17.4	214	115	H
			* 2.317787	61.91	Pk	31.8	-34.87	0	58.84	-	-	74	-15.16	214	115	H
			* 2.39	48.3	RMS	32.1	-34.83	0.72	46.29	54	-7.71	-	-	214	115	H
			* 2.384527	49.89	RMS	32	-34.81	0.72	47.8	54	-6.2	-	-	214	115	H
			* 2.39	59.62	Pk	32.1	-34.83	0	56.89	-	-	74	-17.11	258	101	V
			* 2.384672	61.56	Pk	32	-34.81	0	58.75	-	-	74	-15.25	258	101	V
			* 2.39	48.81	RMS	32.1	-34.83	0.72	46.8	54	-7.2	-	-	258	101	V
			* 2.389345	49.55	RMS	32.1	-34.84	0.72	47.53	54	-6.47	-	-	258	101	V
LE2M	2404	4+3	* 2.39	59.16	Pk	32	-34.04	0	57.12	-	-	74	-16.88	316	120	H
			* 2.352445	62.18	Pk	31.8	-34.21	0	59.77	-	-	74	-14.23	316	120	H
			* 2.39	49.34	RMS	32	-34.04	2.46	49.76	54	-4.24	-	-	316	120	H
			* 2.389505	49.89	RMS	32	-34.04	2.46	50.31	54	-3.69	-	-	316	120	H
			* 2.39	59.61	Pk	32	-34.04	0	57.57	-	-	74	-16.43	359	116	V
			* 2.369927	62.29	Pk	31.9	-34.13	0	60.06	-	-	74	-13.94	359	116	V
			* 2.39	48.38	RMS	32	-34.04	2.46	48.8	54	-5.2	-	-	359	116	V
			* 2.315633	50.37	RMS	31.7	-34.31	2.46	50.22	54	-3.78	-	-	359	116	V
HDT2	2404	4+3	* 2.39	60.22	Pk	32.2	-38.9	0	53.52	-	-	74	-20.48	287	136	H
			* 2.315167	62.84	Pk	31.9	-39	0	55.74	-	-	74	-18.26	287	136	H
			* 2.39	49.67	RMS	32.2	-38.9	0.16	43.13	54	-10.87	-	-	287	136	H
			* 2.386273	50.18	RMS	32.2	-38.9	0.16	43.64	54	-10.36	-	-	287	136	H
			* 2.39	59.8	Pk	32.2	-38.9	0	53.1	-	-	74	-20.9	241	385	V
			* 2.353653	62.38	Pk	32	-39	0	55.38	-	-	74	-18.62	241	385	V
			* 2.39	49.19	RMS	32.2	-38.9	0.16	42.65	54	-11.35	-	-	241	385	V
			* 2.38703	50.17	RMS	32.2	-38.9	0.16	43.63	54	-10.37	-	-	241	385	V

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

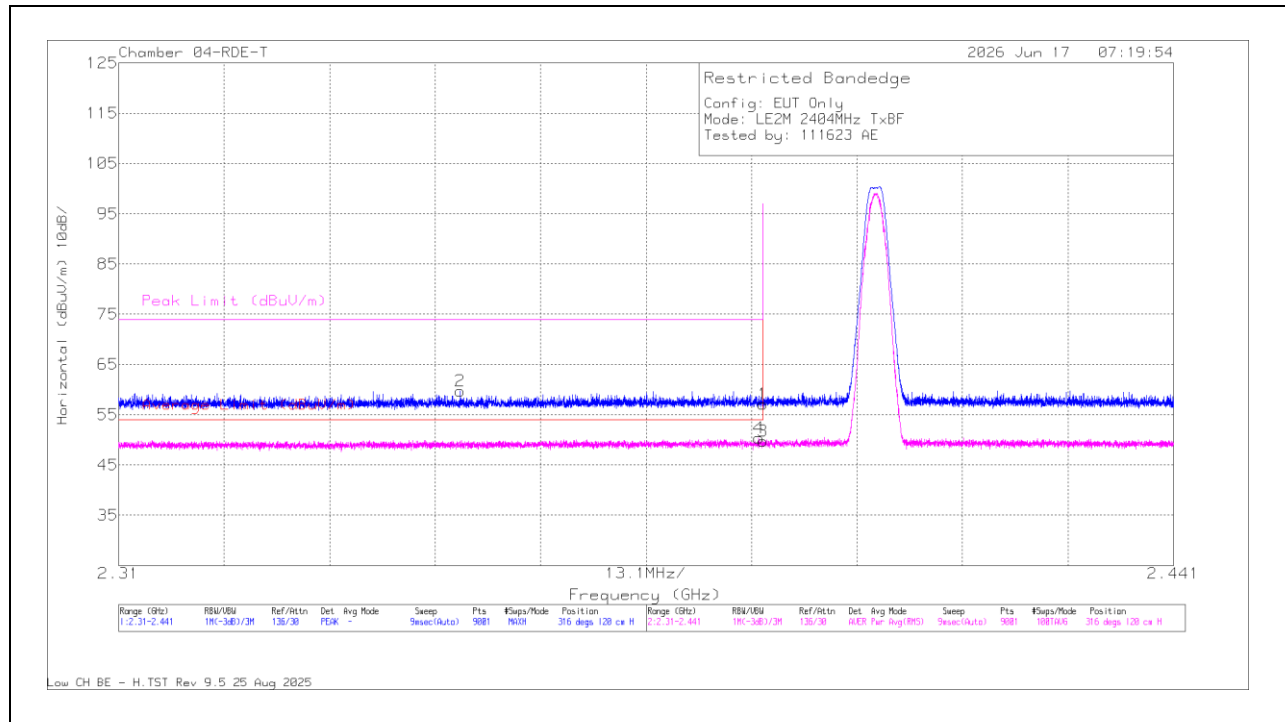
Pk - Peak detector

RMS - RMS detection

9.1.5. LOW BAND EDGE – WORST-CASE

BLE2M / 2404 MHz / LOW POWER / MIMO TXBF

HORIZONTAL RESULT



MEASURED DATA

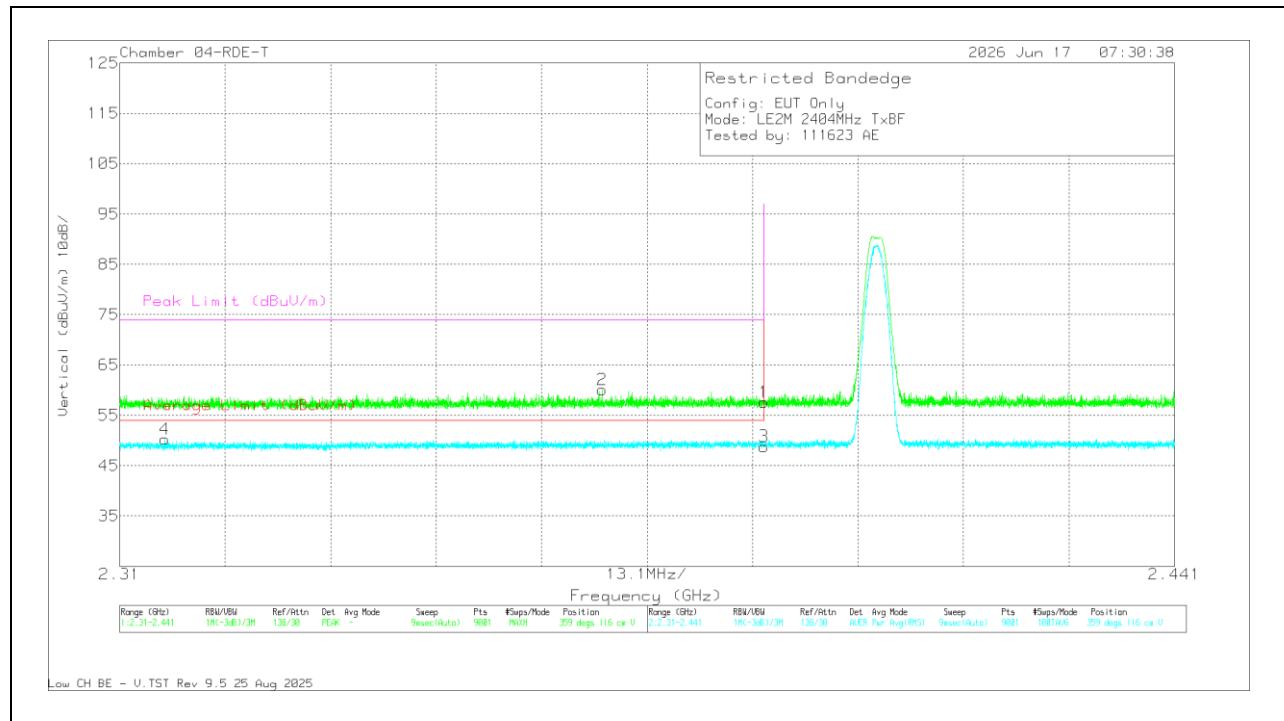
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.16	Pk	32	0	-34.04	57.12	-	-	74	-16.88	316	120	H
2	* 2.352445	62.18	Pk	31.8	0	-34.21	59.77	-	-	74	-14.23	316	120	H
3	* 2.39	49.34	RMS	32	2.46	-34.04	49.76	54	-4.24	-	-	316	120	H
4	* 2.389505	49.89	RMS	32	2.46	-34.04	50.31	54	-3.69	-	-	316	120	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.61	Pk	32	0	-34.04	57.57	-	-	74	-16.43	359	116	V
2	* 2.369927	62.29	Pk	31.9	0	-34.13	60.06	-	-	74	-13.94	359	116	V
3	* 2.39	48.38	RMS	32	2.46	-34.04	48.80	54	-5.20	-	-	359	116	V
4	* 2.315633	50.37	RMS	31.7	2.46	-34.31	50.22	54	-3.78	-	-	359	116	V

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

Pk - Peak detector

RMS - RMS detection

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)	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
LELR8	2480	4	* 2.4835	62.31	Pk	31.9	-40.96	0	53.25	-	-	74	-20.75	220	226	H
			* 2.483851	64.19	Pk	31.9	-40.96	0	55.13	-	-	74	-18.87	220	226	H
			* 2.4835	50.94	RMS	31.9	-40.96	0.11	41.99	54	-12.01	-	-	220	226	H
			* 2.483634	52.01	RMS	31.9	-40.96	0.11	43.06	54	-10.94	-	-	220	226	H
			* 2.4835	61.65	Pk	31.9	-40.96	0	52.59	-	-	74	-21.41	158	379	V
			2.506272	63.9	Pk	32	-40.92	0	54.98	-	-	-	-	158	379	V
		3	* 2.4835	50.98	RMS	31.9	-40.96	0.11	42.03	54	-11.97	-	-	158	379	V
			2.532544	51.53	RMS	32.2	-40.85	0.11	42.99	-	-	-	-	158	379	V
			* 2.4835	63.12	Pk	31.9	-40.96	0	54.06	-	-	74	-19.94	220	208	H
			2.561418	64.34	Pk	32.3	-40.76	0	55.88	-	-	-	-	220	208	H
			* 2.4835	51.31	RMS	31.9	-40.96	0.11	42.36	54	-11.64	-	-	220	208	H
			2.56257	51.6	RMS	32.3	-40.74	0.11	43.27	-	-	-	-	220	208	H
			* 2.4835	61.59	Pk	31.9	-40.96	0	52.53	-	-	74	-21.47	148	289	V
			2.540813	63.67	Pk	32.2	-40.84	0	55.03	-	-	-	-	148	289	V
			* 2.4835	50.96	RMS	31.9	-40.96	0.11	42.01	54	-11.99	-	-	148	289	V
			2.5522	51.64	RMS	32.2	-40.75	0.11	43.2	-	-	-	-	148	289	V
LE1M	2480	4	* 2.4835	61.87	Pk	31.9	-40.96	0	52.81	-	-	74	-21.19	27	113	H
			2.530266	63.89	Pk	32.2	-40.85	0	55.24	-	-	-	-	27	113	H
			* 2.4835	51.94	RMS	31.9	-40.96	0.72	43.6	54	-10.4	-	-	27	113	H
			* 2.483647	52.37	RMS	31.9	-40.96	0.72	44.03	54	-9.97	-	-	27	113	H
			* 2.4835	60.85	Pk	31.9	-40.96	0	51.79	-	-	74	-22.21	232	371	V
			2.536624	63.7	Pk	32.2	-40.83	0	55.07	-	-	-	-	232	371	V
		3	* 2.4835	50.99	RMS	31.9	-40.96	0.72	42.65	54	-11.35	-	-	232	371	V
			2.55441	51.53	RMS	32.2	-40.76	0.72	43.69	-	-	-	-	232	371	V
			* 2.4835	60.2	Pk	32.5	-34.17	0	58.53	-	-	74	-15.47	126	119	H
			2.56257	62.43	Pk	32.6	-34.05	0	60.98	-	-	-	-	126	119	H
			* 2.4835	48.56	RMS	32.5	-34.17	0.72	47.61	54	-6.39	-	-	126	119	H
			2.554572	49.82	RMS	32.6	-34.09	0.72	49.05	54	-4.95	-	-	126	119	H
			* 2.4835	60.47	Pk	32.5	-34.17	0	58.8	-	-	74	-15.2	273	101	V
			* 2.48663	61.91	Pk	32.5	-34.16	0	60.25	-	-	74	-13.75	273	101	V
			* 2.4835	49.19	RMS	32.5	-34.17	0.72	48.24	54	-5.76	-	-	273	101	V
			2.556253	49.88	RMS	32.6	-34.1	0.72	49.1	-	-	-	-	273	101	V
LE2M	2478	4	* 2.4835	61.51	Pk	31.9	-40.96	0	52.45	-	-	74	-21.55	356	130	H
			2.550695	63.63	Pk	32.2	-40.74	0	55.09	-	-	-	-	356	130	H
			* 2.4835	50.85	RMS	31.9	-40.96	2.46	44.25	54	-9.75	-	-	356	130	H
			2.560279	51.62	RMS	32.3	-40.76	2.46	45.62	-	-	-	-	356	130	H
			* 2.4835	62.48	Pk	31.9	-40.96	0	53.42	-	-	74	-20.58	28	370	V
			2.550085	63.48	Pk	32.2	-40.75	0	54.93	-	-	-	-	28	370	V
		3	* 2.4835	50.54	RMS	31.9	-40.96	2.46	43.94	54	-10.06	-	-	28	370	V
			2.541586	51.68	RMS	32.2	-40.83	2.46	45.51	-	-	-	-	28	370	V
			* 2.4835	61.77	Pk	31.9	-40.96	0	52.71	-	-	74	-21.29	142	335	H
			2.522661	63.53	Pk	32.1	-40.85	0	54.78	-	-	-	-	142	335	H
			* 2.4835	50.87	RMS	31.9	-40.96	2.46	44.27	54	-9.73	-	-	142	335	H
			2.558639	51.51	RMS	32.2	-40.79	2.46	45.38	-	-	-	-	142	335	H
			* 2.4835	61.25	Pk	31.9	-40.96	0	52.19	-	-	74	-21.81	54	315	V
			2.547333	63.57	Pk	32.2	-40.79	0	54.98	-	-	-	-	54	315	V
			* 2.4835	50.34	RMS	31.9	-40.96	2.46	43.74	54	-10.26	-	-	54	315	V
			2.560754	51.48	RMS	32.3	-40.77	2.46	45.47	-	-	-	-	54	315	V
HDT2	2476	4	* 2.4835	72.62	Pk	31.9	-40.96	0	63.56	-	-	74	-10.44	26	114	H
			* 2.483539	72.72	Pk	31.9	-40.96	0	63.66	-	-	74	-10.34	26	114	H
			* 2.4835	58.01	RMS	31.9	-40.96	0.16	49.11	54	-4.89	-	-	26	114	H
			* 2.483525	58.37	RMS	31.9	-40.96	0.16	49.47	54	-4.53	-	-	26	114	H
			* 2.4835	68.15	Pk	31.9	-40.96	0	59.09	-	-	74	-14.91	212	366	V
			* 2.483512	67.79	Pk	31.9	-40.96	0	58.73	-	-	74	-15.27	212	366	V
		3	* 2.4835	53.56	RMS	31.9	-40.96	0.16	44.66	54	-9.34	-	-	212	366	V
			* 2.483525	54.47	RMS	31.9	-40.96	0.16	45.57	54	-8.43	-	-	212	366	V
			* 2.4835	70.17	Pk	31.9	-40.96	0	61.11	-	-	74	-12.89	302	112	H
			* 2.483607	70.34	Pk	31.9	-40.96	0	61.28	-	-	74	-12.72	302	112	H
			* 2.4835	57.1	RMS	31.9	-40.96	0.16	48.2	54	-5.8	-	-	302	112	H
			* 2.483525	56.58	RMS	31.9	-40.96	0.16	47.68	54	-6.32	-	-	302	112	H
			* 2.4835	68.78	Pk	31.9	-40.96	0	59.72	-	-	74	-14.28	244	277	V
			* 2.483539	69.34	Pk	31.9	-40.96	0	60.28	-	-	74	-13.72	244	277	V
			* 2.4835	54.7	RMS	31.9	-40.96	0.16	45.8	54	-8.2	-	-	244	277	V
			* 2.483525	54.93	RMS	31.9	-40.96	0.16	46.03	54	-7.97	-	-	244	277	V

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

Pk - Peak detector

RMS - RMS detection

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/ Fitr/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
LELR8	2480	4+3	* 2.4835	62.85	Pk	31.9	-40.96	0	53.79	-	-	74	-20.21	173	116	H
			* 2.484027	64.35	Pk	31.9	-40.96	0	55.29	-	-	74	-18.71	173	116	H
			* 2.4835	52.15	RMS	31.9	-40.96	0.11	43.2	54	-10.8	-	-	173	116	H
			* 2.483552	52.66	RMS	31.9	-40.96	0.11	43.71	54	-10.29	-	-	173	116	H
			* 2.4835	62.33	Pk	31.9	-40.96	0	53.27	-	-	74	-20.73	59	126	V
			2.5591	64.53	Pk	32.2	-40.79	0	55.94	-	-	-	-	59	126	V
			* 2.4835	51.29	RMS	31.9	-40.96	0.11	42.34	54	-11.66	-	-	59	126	V
			2.553827	51.55	RMS	32.2	-40.76	0.11	43.1	-	-	-	-	59	126	V
LE1M	2480	4+3	* 2.4835	63.69	Pk	29	-40.1	0	52.59	-	-	74	-21.41	47	125	H
			* 2.483647	64.14	Pk	29	-40.1	0	53.04	-	-	74	-20.96	47	125	H
			* 2.4835	51.98	RMS	29	-40.1	0.72	41.6	54	-12.4	-	-	47	125	H
			* 2.484176	52.59	RMS	29	-40.1	0.72	42.21	54	-11.79	-	-	47	125	H
			* 2.4835	61	Pk	29	-40.1	0	49.9	-	-	74	-24.1	94	121	V
			* 2.4835	50.11	RMS	29	-40.1	0.72	39.73	54	-14.27	-	-	94	121	V
			2.515734	63.45	Pk	29.2	-40	0	52.65	-	-	-	-	94	121	V
			2.528545	51.33	RMS	29.3	-40	0.72	41.35	-	-	-	-	94	121	V
LE2M	2478	4+3	* 2.4835	61.67	Pk	31.9	-40.96	0	52.61	-	-	74	-21.39	37	195	H
			2.560401	63.96	Pk	32.3	-40.76	0	55.5	-	-	-	-	37	195	H
			* 2.4835	50.53	RMS	31.9	-40.96	2.46	43.93	54	-10.07	-	-	37	195	H
			2.56215	51.66	RMS	32.3	-40.75	2.46	45.67	-	-	-	-	37	195	H
			* 2.4835	61.59	Pk	31.9	-40.96	0	52.53	-	-	74	-21.47	60	127	V
			2.551834	63.83	Pk	32.2	-40.75	0	55.28	-	-	-	-	60	127	V
			* 2.4835	50.6	RMS	31.9	-40.96	2.46	44	54	-10	-	-	60	127	V
			2.540582	51.58	RMS	32.2	-40.84	2.46	45.4	-	-	-	-	60	127	V
HDT2	2476	4+3	* 2.4835	70.54	Pk	31.9	-40.96	0	61.48	-	-	74	-12.52	172	134	H
			* 2.483539	71.47	Pk	31.9	-40.96	0	62.41	-	-	74	-11.59	172	134	H
			* 2.4835	56.74	RMS	31.9	-40.96	0.16	47.84	54	-6.16	-	-	172	134	H
			* 2.48362	57.06	RMS	31.9	-40.96	0.16	48.16	54	-5.84	-	-	172	134	H
			* 2.4835	62.05	Pk	31.9	-40.96	0	52.99	-	-	74	-21.01	312	169	V
			2.554179	64.14	Pk	32.2	-40.76	0	55.58	-	-	-	-	312	169	V
			* 2.4835	50.91	RMS	31.9	-40.96	0.16	42.01	54	-11.99	-	-	312	169	V
			2.561079	51.6	RMS	32.3	-40.77	0.16	43.29	-	-	-	-	312	169	V

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

Pk - Peak detector

RMS - RMS detection

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
LELR8	2480	4	* 2.4835	61.73	Pk	29	-40.1	0	50.63	-	-	74	-23.37	351	182	H
			* 2.4835	49.55	RMS	29	-40.1	0.11	38.56	54	-15.44	-	-	351	182	H
			2.501012	64	Pk	29.1	-40	0	53.1	-	-	-	-	351	182	H
			2.533316	50.99	RMS	29.3	-40	0.11	40.4	-	-	-	-	351	182	H
			* 2.4835	62.07	Pk	29	-40.1	0	50.97	-	-	74	-23.03	301	364	V
			* 2.4835	49.96	RMS	29	-40.1	0.11	38.97	54	-15.03	-	-	301	364	V
			2.549556	50.91	RMS	29.4	-40	0.11	40.42	-	-	-	-	301	364	V
			2.556321	63.11	Pk	29.4	-39.9	0	52.61	-	-	-	-	301	364	V
		3	* 2.4835	61	Pk	29	-40.1	0	49.9	-	-	74	-24.1	186	232	H
			* 2.4835	50.13	RMS	29	-40.1	0.11	39.14	54	-14.86	-	-	186	232	H
			2.550804	63.07	Pk	29.4	-40	0	52.47	-	-	-	-	186	232	H
			2.562692	50.9	RMS	29.5	-39.9	0.11	40.61	-	-	-	-	186	232	H
			* 2.4835	61.09	Pk	29	-40.1	0	49.99	-	-	74	-24.01	125	309	V
			* 2.49193	63.52	Pk	29	-40.01	0	52.51	-	-	74	-21.49	125	309	V
			* 2.4835	49.63	RMS	29	-40.1	0.11	38.64	54	-15.36	-	-	125	309	V
			2.554518	50.88	RMS	29.4	-39.95	0.11	40.44	-	-	-	-	125	309	V
LE1M	2480	4	* 2.4835	60.96	Pk	32.4	-38.32	0	55.04	-	-	74	-18.96	2	185	H
			2.549394	62.92	Pk	32.5	-38.09	0	57.33	-	-	-	-	2	185	H
			* 2.4835	50.15	RMS	32.4	-38.32	0.72	44.95	54	-9.05	-	-	2	185	H
			2.558625	50.77	RMS	32.5	-38.07	0.72	45.92	-	-	-	-	2	185	H
			* 2.4835	60.52	Pk	32.4	-38.32	0	54.6	-	-	74	-19.4	33	402	V
			2.556538	63.44	Pk	32.5	-38.05	0	57.89	-	-	-	-	33	402	V
			* 2.4835	49.95	RMS	32.4	-38.32	0.72	44.75	54	-9.25	-	-	33	402	V
			2.559656	51.05	RMS	32.5	-38.08	0.72	46.19	-	-	-	-	33	402	V
		3	* 2.4835	60.87	Pk	32.4	-38.32	0	54.95	-	-	74	-19.05	126	100	H
			2.533167	62.89	Pk	32.5	-38.19	0	57.2	-	-	-	-	126	100	H
			* 2.4835	50.17	RMS	32.4	-38.32	0.72	44.97	54	-9.03	-	-	126	100	H
			* 2.484122	51.2	RMS	32.4	-38.32	0.72	46	54	-8	-	-	126	100	H
			* 2.4835	60.98	Pk	32.4	-38.32	0	55.06	-	-	74	-18.94	57	335	V
			2.556565	63	Pk	32.5	-38.05	0	57.45	-	-	-	-	57	335	V
			* 2.4835	49.84	RMS	32.4	-38.32	0.72	44.64	54	-9.36	-	-	57	335	V
			2.547442	50.8	RMS	32.5	-38.12	0.72	45.9	-	-	-	-	57	335	V
LE2M	2478	4	* 2.4835	60.49	Pk	29	-40.1	0	49.39	-	-	74	-24.61	169	139	H
			* 2.4835	49.72	RMS	29	-40.1	2.46	41.08	54	-12.92	-	-	169	139	H
			2.502409	63.41	Pk	29.1	-40	0	52.51	-	-	-	-	169	139	H
			2.550166	51.05	RMS	29.4	-40	2.46	42.91	-	-	-	-	169	139	H
			* 2.4835	61.99	Pk	29	-40.1	0	50.89	-	-	74	-23.11	130	366	V
			* 2.4835	49.61	RMS	29	-40.1	2.46	40.97	54	-13.03	-	-	130	366	V
			2.534536	63.34	Pk	29.3	-40	0	52.64	-	-	-	-	130	366	V
			2.558381	51.25	RMS	29.4	-40	2.46	43.11	-	-	-	-	130	366	V
		3	* 2.4835	61.45	Pk	29	-40.1	0	50.35	-	-	74	-23.65	191	183	H
			* 2.4835	50.16	RMS	29	-40.1	2.46	41.52	54	-12.48	-	-	191	183	H
			2.556904	50.88	RMS	29.4	-39.9	2.46	42.84	-	-	-	-	191	183	H
			2.556999	62.65	Pk	29.4	-39.9	0	52.15	-	-	-	-	191	183	H
			* 2.4835	60.7	Pk	29	-40.1	0	49.6	-	-	74	-24.4	126	310	V
			* 2.4835	49.65	RMS	29	-40.1	2.46	41.01	54	-12.99	-	-	126	310	V
			2.554504	50.93	RMS	29.4	-39.95	2.46	42.84	-	-	-	-	126	310	V
			2.562408	63.18	Pk	29.5	-39.9	0	52.78	-	-	-	-	126	310	V
HDT2	2476	4	* 2.4835	68.34	Pk	29	-40.1	0	57.24	-	-	74	-16.76	336	117	H
			* 2.483823	69.56	Pk	29	-40.1	0	58.46	-	-	74	-15.54	336	117	H
			* 2.4835	53.98	RMS	29	-40.1	0.16	43.04	54	-10.96	-	-	336	117	H
			* 2.483742	54.33	RMS	29	-40.1	0.16	43.39	54	-10.61	-	-	336	117	H
			* 2.4835	63.44	Pk	29	-40.1	0	52.34	-	-	74	-21.66	283	369	V
			* 2.484203	64.93	Pk	29	-40.1	0	53.83	-	-	74	-20.17	283	369	V
			* 2.4835	50.97	RMS	29	-40.1	0.16	40.03	54	-13.97	-	-	283	369	V
			2.538129	51.19	RMS	29.3	-40	0.16	40.65	-	-	-	-	283	369	V
		3	* 2.4835	71.28	Pk	29	-40.1	0	60.18	-	-	74	-13.82	195	235	H
			* 2.483512	71.21	Pk	29	-40.1	0	60.11	-	-	74	-13.89	195	235	H
			* 2.4835	62.16	RMS	29	-40.1	0.16	51.22	54	-2.78	-	-	195	235	H
			* 2.483566	62.23	RMS	29	-40.1	0.16	51.29	54	-2.71	-	-	195	235	H
			* 2.4835	69.32	Pk	29	-40.1	0	58.22	-	-	74	-15.78	130	275	V
			* 2.483525	68.99	Pk	29	-40.1	0	57.89	-	-	74	-16.11	130	275	V
			* 2.4835	59.3	RMS	29	-40.1	0.16	48.36	54	-5.64	-	-	130	275	V
			* 2.483525	59.28	RMS	29	-40.1	0.16	48.34	54	-5.66	-	-	130	275	V

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

Pk - Peak detector

RMS - RMS detection

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/Cb/ Fitr/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
LELR8	2480	4+3	* 2.4835	58.98	Pk	32.2	-34	0	57.18	-	-	74	-16.82	304	162	H
			2.534536	61.91	Pk	32.4	-34.03	0	60.28	-	-	-	-	304	162	H
			* 2.4835	48.81	RMS	32.2	-34	0.11	47.12	54	-6.88	-	-	304	162	H
			* 2.489463	49.66	RMS	32.3	-33.98	0.11	48.09	54	-5.91	-	-	304	162	H
			* 2.4835	58.93	Pk	32.2	-34	0	57.13	-	-	74	-16.87	356	129	V
			2.52479	61.95	Pk	32.4	-34.04	0	60.31	-	-	-	-	356	129	V
			* 2.4835	48.87	RMS	32.2	-34	0.11	47.18	54	-6.82	-	-	356	129	V
			2.541504	49.72	RMS	32.4	-34.04	0.11	48.19	-	-	-	-	356	129	V
LE1M	2480	4+3	* 2.4835	59.31	Pk	32.2	-34	0	57.51	-	-	74	-16.49	324	114	H
			2.501934	61.78	Pk	32.4	-34.01	0	60.17	-	-	-	-	324	114	H
			* 2.4835	48.36	RMS	32.2	-34	0.72	47.28	54	-6.72	-	-	324	114	H
			2.524058	49.56	RMS	32.4	-34.03	0.72	48.65	-	-	-	-	324	114	H
			* 2.4835	59.92	Pk	32.2	-34	0	58.12	-	-	74	-15.88	128	112	V
			2.502626	61.96	Pk	32.4	-34.01	0	60.35	-	-	-	-	128	112	V
			* 2.4835	48.89	RMS	32.2	-34	0.72	47.81	54	-6.19	-	-	128	112	V
			2.557853	49.67	RMS	32.4	-34.01	0.72	48.78	-	-	-	-	128	112	V
LE2M	2478	4+3	* 2.4835	59.18	Pk	32.2	-34	0	57.38	-	-	74	-16.62	316	115	H
			2.542982	61.56	Pk	32.4	-34.05	0	59.91	-	-	-	-	316	115	H
			* 2.4835	48.97	RMS	32.2	-34	2.46	49.63	54	-4.37	-	-	316	115	H
			* 2.498613	49.75	RMS	32.3	-34.01	2.46	50.5	54	-3.5	-	-	316	115	H
			* 2.4835	58.72	Pk	32.2	-34	0	56.92	-	-	74	-17.08	343	101	V
			2.550397	62	Pk	32.4	-34.03	0	60.37	-	-	-	-	343	101	V
			* 2.4835	48.3	RMS	32.2	-34	2.46	48.96	54	-5.04	-	-	343	101	V
			* 2.486535	49.68	RMS	32.3	-33.98	2.46	50.46	54	-3.54	-	-	343	101	V
HDT2	2476	4+3	* 2.4835	64.86	Pk	32.1	-34.5	0	62.46	-	-	74	-11.54	209	131	H
			* 2.483566	66.13	Pk	32.1	-34.5	0	63.73	-	-	74	-10.27	209	131	H
			* 2.4835	52.26	RMS	32.1	-34.5	0.16	50.02	54	-3.98	-	-	209	131	H
			* 2.483729	53.02	RMS	32.1	-34.5	0.16	50.78	54	-3.22	-	-	209	131	H
			* 2.4835	60.44	Pk	32.1	-34.5	0	58.04	-	-	74	-15.96	33	101	V
			* 2.4835	48.97	RMS	32.1	-34.5	0.16	46.73	54	-7.27	-	-	33	101	V
			2.510881	49.54	RMS	32.2	-34.44	0.16	47.46	-	-	-	-	33	101	V
			2.520343	61.71	Pk	32.3	-34.43	0	59.58	-	-	-	-	33	101	V

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

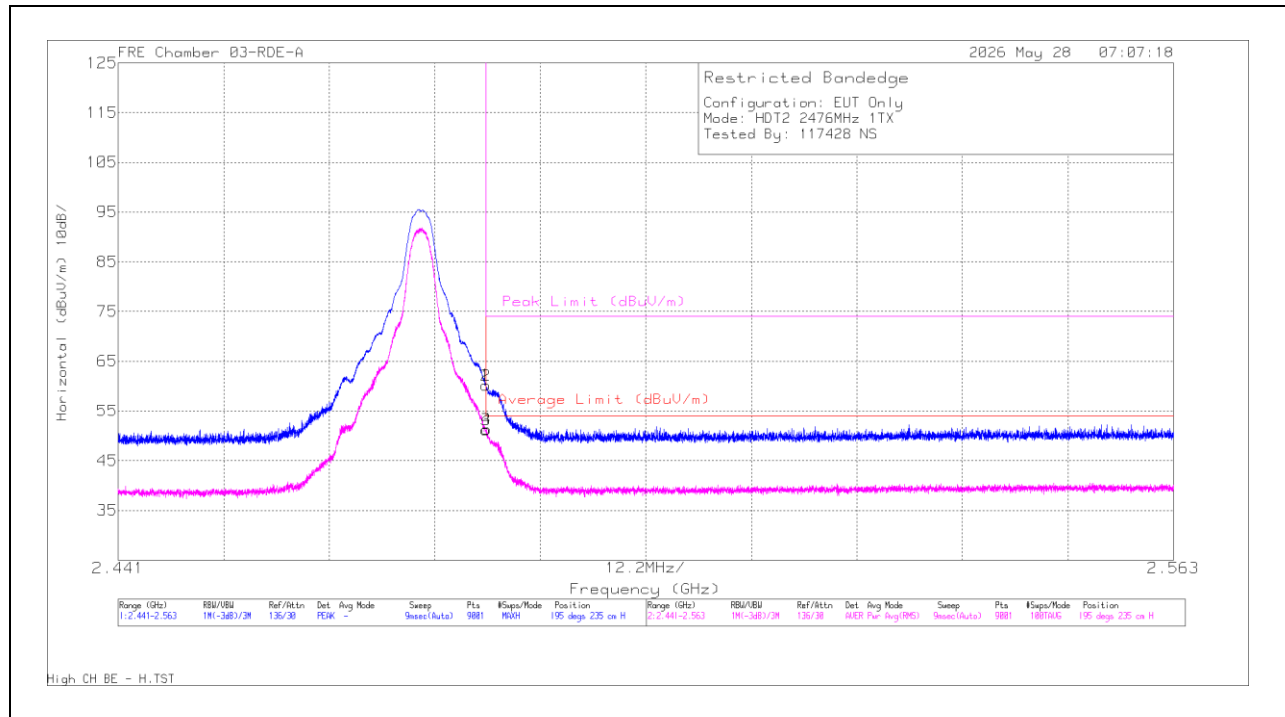
Pk - Peak detector

RMS - RMS detection

9.1.10. HIGH BAND EDGE – WORST-CASE

HDT2 / 2476 MHz / LOW POWER / SISO ANT 3

HORIZONTAL RESULT



MEASURED DATA

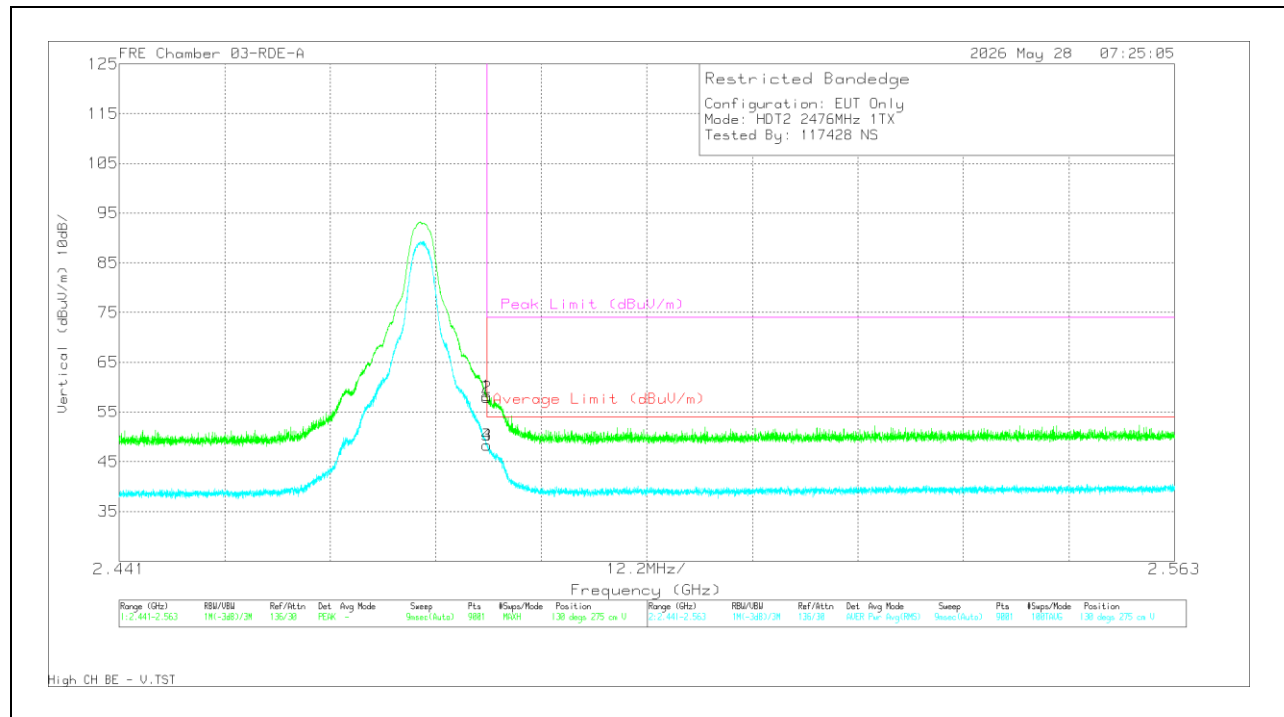
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	71.28	Pk	29	0	-40.1	60.18	-	-	74	-13.82	195	235	H
2	* 2.483512	71.21	Pk	29	0	-40.1	60.11	-	-	74	-13.89	195	235	H
3	* 2.4835	62.16	RMS	29	.16	-40.1	51.22	54	-2.78	-	-	195	235	H
4	* 2.483566	62.23	RMS	29	.16	-40.1	51.29	54	-2.71	-	-	195	235	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	69.32	Pk	29	0	-40.1	58.22	-	-	74	-15.78	130	275	V
2	* 2.483525	68.99	Pk	29	0	-40.1	57.89	-	-	74	-16.11	130	275	V
3	* 2.4835	59.3	RMS	29	.16	-40.1	48.36	54	-5.64	-	-	130	275	V
4	* 2.483525	59.28	RMS	29	.16	-40.1	48.34	54	-5.66	-	-	130	275	V

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

Pk - Peak detector

RMS - RMS detection

9.1.11. SPURIOUS EMISSIONS – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	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
LELR8	2402	4 + 3	* 1.304417	61.41	PK2	28.9	-40.49	0	49.82	-	-	74	-24.18	360	100	H
			* 1.324964	49.95	MAV1	29	-40.47	0.11	38.59	54	-15.41	-	-	360	201	V
			* 1.33299	49.88	MAV1	29	-40.44	0.11	38.55	54	-15.45	-	-	360	100	H
			* 1.339337	61.68	PK2	29.1	-40.42	0	50.36	-	-	74	-23.64	360	201	V
			* 12.047311	55.03	PK2	39.4	-42.56	0	51.87	-	-	74	-22.13	360	200	V
			* 12.047706	43.3	MAV1	39.4	-42.57	0.11	40.24	54	-13.76	-	-	360	200	V
			* 12.048822	43.24	MAV1	39.4	-42.59	0.11	40.16	54	-13.84	-	-	360	100	H
			* 12.052871	54.89	PK2	39.4	-42.64	0	51.65	-	-	74	-22.35	360	100	H
			* 3.763913	46.43	MAV1	33.7	-47.18	0.11	33.06	54	-20.94	-	-	360	201	V
			* 3.767722	46.36	MAV1	33.7	-47.16	0.11	33.01	54	-20.99	-	-	360	100	H
			* 3.767833	58.21	PK2	33.7	-47.15	0	44.76	-	-	74	-29.24	360	100	H
			* 3.801135	57.7	PK2	33.7	-46.83	0	44.57	-	-	74	-29.43	360	201	V
	2440	4 + 3	* 1.262516	61.7	PK2	28.9	-40.54	0	50.06	-	-	74	-23.94	360	100	H
			* 1.266469	61.87	PK2	28.9	-40.54	0	50.23	-	-	74	-23.77	360	201	V
			* 1.266723	50.13	MAV1	28.9	-40.54	0.11	38.6	54	-15.4	-	-	360	201	V
			* 1.273769	50.24	MAV1	28.9	-40.54	0.11	38.71	54	-15.29	-	-	360	100	H
			* 12.031786	54.72	PK2	39.4	-42.47	0	51.65	-	-	74	-22.35	360	100	H
			* 12.041222	43.28	MAV1	39.4	-42.54	0.11	40.25	54	-13.75	-	-	360	100	H
			* 12.041773	55.09	PK2	39.4	-42.54	0	51.95	-	-	74	-22.05	360	200	V
			* 12.04619	43.35	MAV1	39.4	-42.54	0.11	40.32	54	-13.68	-	-	360	200	V
			* 3.73388	58.58	PK2	33.5	-47.26	0	44.82	-	-	74	-29.18	360	100	H
			* 3.745462	46.58	MAV1	33.6	-47.26	0.11	33.03	54	-20.97	-	-	360	100	H
			* 3.74564	58.51	PK2	33.6	-47.27	0	44.84	-	-	74	-29.16	360	201	V
			* 3.746498	46.67	MAV1	33.6	-47.27	0.11	33.11	54	-20.89	-	-	360	201	V
	2480	4 + 3	* 1.164732	49.88	MAV1	28.2	-40.54	0.11	37.65	54	-16.35	-	-	360	100	H
			* 1.165745	49.77	MAV1	28.2	-40.55	0.11	37.53	54	-16.47	-	-	360	201	V
			* 1.184532	61.43	PK2	28.4	-40.53	0	49.3	-	-	74	-24.7	360	201	V
			* 1.185665	61.82	PK2	28.4	-40.52	0	49.7	-	-	74	-24.3	360	100	H
			* 11.263079	55.76	PK2	38.3	-43.37	0	50.69	-	-	74	-23.31	360	100	H
			* 11.26523	56.17	PK2	38.3	-43.33	0	51.14	-	-	74	-22.86	360	200	V
			* 11.266208	44.33	MAV1	38.3	-43.3	0.11	39.44	54	-14.56	-	-	360	200	V
			* 11.266795	44.15	MAV1	38.3	-43.27	0.11	39.29	54	-14.71	-	-	360	100	H
			* 3.747069	46.66	MAV1	33.6	-47.27	0.11	33.1	54	-20.9	-	-	360	201	V
			* 3.748114	58.82	PK2	33.6	-47.27	0	45.15	-	-	74	-28.85	360	100	H
			* 3.753798	58.97	PK2	33.6	-47.27	0	45.3	-	-	74	-28.7	360	201	V
			* 3.759056	46.53	MAV1	33.6	-47.22	0.11	33.02	54	-20.98	-	-	360	100	H
LE1M	2402	4 + 3	* 1.337174	50.2	MAV1	29	-40.42	0.72	39.5	54	-14.5	-	-	0	200	V
			* 1.346741	62.37	PK2	29	-40.5	0	50.87	-	-	74	-23.13	0	200	H
			* 1.351087	50.21	MAV1	29	-40.49	0.72	39.44	54	-14.56	-	-	0	200	H
			* 1.351847	61.98	PK2	29	-40.42	0	50.56	-	-	74	-23.44	0	200	V
			* 11.131739	46.2	MAV1	37.9	-45.17	0.72	39.65	54	-14.35	-	-	0	101	V
			* 11.162521	57.98	PK2	37.9	-44.55	0	51.33	-	-	74	-22.67	0	101	V
			* 11.163443	58.21	PK2	37.9	-44.6	0	51.51	-	-	74	-22.49	0	101	H
			* 11.17023	46.15	MAV1	38	-44.38	0.72	40.49	54	-13.51	-	-	0	101	H
			* 4.75146	59.51	PK2	34.2	-48.35	0	45.36	-	-	74	-28.64	0	198	V
			* 4.760213	59.31	PK2	34.2	-48.3	0	45.21	-	-	74	-28.79	0	200	H
			* 4.766809	47.42	MAV1	34.2	-48.3	0.72	34.04	54	-19.96	-	-	0	200	H
			* 4.770092	47.24	MAV1	34.2	-48.29	0.72	33.87	54	-20.13	-	-	0	198	V
	2440	4 + 3	* 1.510792	49.97	MAV1	28.1	-40.18	0.72	38.61	54	-15.39	-	-	0	101	H
			* 1.521199	49.73	MAV1	28.1	-40.08	0.72	38.47	54	-15.53	-	-	0	101	V
			* 1.540532	61.77	PK2	28.3	-40.15	0	49.92	-	-	74	-24.08	0	101	H
			* 1.544092	61.67	PK2	28.3	-40.2	0	49.77	-	-	74	-24.23	0	101	V
			* 12.168983	46.18	MAV1	39	-45.1	0.72	40.8	54	-13.2	-	-	0	101	V
			* 12.19193	57.76	PK2	39	-44.9	0	51.86	-	-	74	-22.14	0	101	H
			* 12.199166	46.29	MAV1	39	-45.07	0.72	40.94	54	-13.06	-	-	0	101	H
			* 12.201006	57.83	PK2	39	-45	0	51.83	-	-	74	-22.17	0	101	V
			* 4.640319	59.89	PK2	34.2	-48.47	0	45.62	-	-	74	-28.38	0	101	H
			* 4.641048	48.17	MAV1	34.2	-48.4	0.72	34.69	54	-19.31	-	-	0	101	H
			* 4.648297	59.66	PK2	34.2	-48.6	0	45.26	-	-	74	-28.74	0	199	V
			* 4.658817	48.14	MAV1	34.2	-48.5	0.72	34.56	54	-19.44	-	-	0	199	V
	2480	4 + 3	* 1.275798	62.08	PK2	29.2	-40.5	0	50.78	-	-	74	-23.22	0	199	H
			* 1.283698	50.34	MAV1	29.2	-40.47	0.72	39.79	54	-14.21	-	-	0	199	H
			* 1.286632	62.04	PK2	29.2	-40.5	0	50.74	-	-	74	-23.26	0	199	V
			* 1.301745	50.34	MAV1	29.1	-40.5	0.72	39.66	54	-14.34	-	-	0	199	V
			* 11.21879	58.15	PK2	38	-44.4	0	51.75	-	-	74	-22.25	0	101	V
			* 11.220552	46.12	MAV1	38	-44.5	0.72	40.34	54	-13.66	-	-	0	199	H
			* 11.236439	46.23	MAV1	38	-44.76	0.72	40.19	54	-13.81	-	-	0	101	V
			* 11.237134	57.94	PK2	38	-44.7	0	51.24	-	-	74	-22.76	0	199	H
			* 4.874987	59.92	PK2	34.2	-48.8	0	45.32	-	-	74	-28.68	0	101	V
			* 4.878249	48.29	MAV1	34.2	-48.8	0.72	34.41	54	-19.59	-	-	0	101	V
			* 4.881185	48.36	MAV1	34.2	-48.9	0.72	34.38	54	-19.62	-	-	0	101	H
			* 4.881589	59.74	PK2	34.2	-48.9	0	45.04	-	-	74	-28.96	0	101	H

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)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	2404	4 + 3	* 1.3195	49.82	MAv1	29	-40.47	2.46	40.81	54	-13.19	-	-	360	201	V
			* 1.322727	49.68	MAv1	29	-40.48	2.46	40.66	54	-13.34	-	-	360	100	H
			* 1.357293	61.7	PK2	29	-40.4	0	50.3	-	-	74	-23.7	360	201	V
			* 1.3576	61.91	PK2	29	-40.39	0	50.52	-	-	74	-23.48	360	100	H
			* 11.280507	43.64	MAv1	38.4	-43.15	2.46	41.35	54	-12.65	-	-	360	100	H
			* 11.291972	43.94	MAv1	38.3	-43.01	2.46	41.69	54	-12.31	-	-	360	200	V
			* 11.294772	55.89	PK2	38.3	-42.95	0	51.24	-	-	74	-22.76	360	200	V
			* 11.310614	56.17	PK2	38.4	-42.93	0	51.64	-	-	74	-22.36	360	100	H
			* 3.749307	46.35	MAv1	33.6	-47.28	2.46	35.13	54	-18.87	-	-	360	201	V
			* 3.760201	58.42	PK2	33.6	-47.2	0	44.82	-	-	74	-29.18	360	201	V
			* 3.762335	46.15	MAv1	33.7	-47.2	2.46	35.11	54	-18.89	-	-	360	100	H
			* 3.76485	59.23	PK2	33.7	-47.19	0	45.74	-	-	74	-28.26	360	100	H
	2440	4 + 3	* 1.313836	61.97	PK2	28.9	-40.47	0	50.4	-	-	74	-23.6	360	201	V
			* 1.323569	49.76	MAv1	29	-40.48	2.46	40.74	54	-13.26	-	-	360	201	V
			* 1.322343	61.8	PK2	29	-40.48	0	50.32	-	-	74	-23.68	360	100	H
			* 1.326736	49.68	MAv1	29	-40.45	2.46	40.69	54	-13.31	-	-	360	100	H
			* 12.038428	43.11	MAv1	39.4	-42.47	2.46	42.5	54	-11.5	-	-	360	200	V
			* 12.043543	54.85	PK2	39.4	-42.55	0	51.7	-	-	74	-22.3	360	200	V
			* 12.047155	43.1	MAv1	39.4	-42.56	2.46	42.4	54	-11.6	-	-	360	100	H
			* 12.04955	55.39	PK2	39.4	-42.61	0	52.18	-	-	74	-21.82	360	100	H
			* 3.74595	58.52	PK2	33.6	-47.27	0	44.85	-	-	74	-29.15	360	201	V
			* 3.753203	46.45	MAv1	33.6	-47.28	2.46	35.23	54	-18.77	-	-	360	201	V
			* 3.754097	58.29	PK2	33.6	-47.27	0	44.62	-	-	74	-29.38	360	100	H
			* 3.755163	46.44	MAv1	33.6	-47.27	2.46	35.23	54	-18.77	-	-	360	100	H
	2478	4 + 3	* 1.270796	49.72	MAv1	28.9	-40.53	2.46	40.55	54	-13.45	-	-	0	201	V
			* 1.272696	49.65	MAv1	28.9	-40.53	2.46	40.48	54	-13.52	-	-	0	100	H
			* 1.276342	61.6	PK2	28.9	-40.53	0	49.97	-	-	74	-24.03	0	201	V
			* 1.282109	61.36	PK2	28.9	-40.53	0	49.73	-	-	74	-24.27	0	100	H
			* 12.078123	43.21	MAv1	39.4	-42.9	2.46	42.17	54	-11.83	-	-	0	200	V
			* 12.080892	55.46	PK2	39.4	-42.93	0	51.93	-	-	74	-22.07	0	200	V
			* 12.086819	43.21	MAv1	39.4	-43.07	2.46	42	54	-12	-	-	0	100	H
			* 12.089148	55.18	PK2	39.4	-43.04	0	51.54	-	-	74	-22.46	0	100	H
			* 3.762019	46.05	MAv1	33.7	-47.21	2.46	35	54	-19	-	-	0	201	V
			* 3.778753	57.95	PK2	33.7	-47.07	0	44.58	-	-	74	-29.42	0	201	V
			* 3.786073	45.97	MAv1	33.7	-47	2.46	35.13	54	-18.87	-	-	0	100	H
			* 3.790757	58.1	PK2	33.7	-46.94	0	44.86	-	-	74	-29.14	0	100	H
HDT2	2404	4 + 3	* 1.272649	50.05	MAv1	28.9	-40.53	0.16	38.58	54	-15.42	-	-	0	201	V
			* 1.275996	61.62	PK2	28.9	-40.53	0	49.99	-	-	74	-24.01	0	201	V
			* 1.276115	49.88	MAv1	28.9	-40.53	0.16	38.41	54	-15.59	-	-	0	100	H
			* 1.284642	61.61	PK2	28.9	-40.5	0	50.01	-	-	74	-23.99	0	100	H
			* 12.01813	43.72	MAv1	39.4	-42.48	0.16	40.8	54	-13.2	-	-	0	100	H
			* 12.01845	55.75	PK2	39.4	-42.47	0	52.68	-	-	74	-21.32	0	100	H
			* 12.018472	44.49	MAv1	39.4	-42.47	0.16	41.58	54	-12.42	-	-	0	100	V
			* 12.020876	56.4	PK2	39.4	-42.46	0	53.34	-	-	74	-20.66	0	100	V
			* 3.760633	46.31	MAv1	33.7	-47.19	0.16	32.98	54	-21.02	-	-	0	100	H
			* 3.762801	58.43	PK2	33.7	-47.19	0	44.94	-	-	74	-29.06	0	100	H
			* 3.802727	57.97	PK2	33.7	-46.84	0	44.83	-	-	74	-29.17	0	100	V
			* 3.807105	46.08	MAv1	33.8	-46.82	0.16	33.22	54	-20.78	-	-	0	100	V
	2440	4 + 3	* 1.311324	61.61	PK2	28.9	-40.49	0	50.02	-	-	74	-23.98	0	100	H
			* 1.312911	50.26	MAv1	28.9	-40.48	0.16	38.84	54	-15.16	-	-	0	201	V
			* 1.314984	61.43	PK2	29	-40.47	0	49.96	-	-	74	-24.04	0	201	V
			* 1.317157	49.99	MAv1	29	-40.48	0.16	38.67	54	-15.33	-	-	0	100	H
			* 15.767107	43.06	MAv1	41.2	-42.95	0.16	41.47	54	-12.53	-	-	0	100	V
			* 15.778231	54.61	PK2	41.2	-42.79	0	53.02	-	-	74	-20.98	0	100	H
			* 15.784191	55.1	PK2	41.2	-42.74	0	53.56	-	-	74	-20.44	0	100	V
			* 15.784943	43.16	MAv1	41.2	-42.73	0.16	41.79	54	-12.21	-	-	0	100	H
			* 3.750664	46.73	MAv1	33.6	-47.28	0.16	33.21	54	-20.79	-	-	0	100	V
			* 3.75418	46.52	MAv1	33.6	-47.27	0.16	33.01	54	-20.99	-	-	0	100	H
			* 3.755966	58.36	PK2	33.6	-47.25	0	44.71	-	-	74	-29.29	0	100	V
			* 3.760926	58.19	PK2	33.7	-47.19	0	44.7	-	-	74	-29.3	0	100	H
	2476	4 + 3	* 1.705169	61.81	PK2	29.4	-40.43	0	50.78	-	-	74	-23.22	0	100	H
			* 1.707263	61.7	PK2	29.4	-40.41	0	50.69	-	-	74	-23.31	0	201	V
			* 4.534643	58.46	PK2	34.5	-48.22	0	44.74	-	-	74	-29.26	0	100	H
			* 4.546091	59.02	PK2	34.6	-48.15	0	45.47	-	-	74	-28.53	0	201	V
			* 4.548443	46.85	MAv1	34.5	-48.14	0.16	33.37	54	-20.63	-	-	0	100	H
			* 4.553557	46.99	MAv1	34.5	-48.12	0.16	33.53	54	-20.47	-	-	0	201	V
			1.714042	49.83	MAv1	29.4	-40.42	0.16	38.97	-	-	-	-	0	100	H
			1.717009	49.85	MAv1	29.4	-40.42	0.16	38.99	-	-	-	-	0	201	V
			8.603854	55.78	PK2	36.2	-45.06	0	46.92	-	-	-	-	0	100	H
			8.607522	55.77	PK2	36.2	-45.02	0	46.95	-	-	-	-	0	200	V
			8.60986	44.21	MAv1	36.2	-44.98	0.16	35.59	-	-	-	-	0	200	V
			8.612027	44.09	MAv1	36.2	-44.98	0.16	35.47	-	-	-	-	0	100	H

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

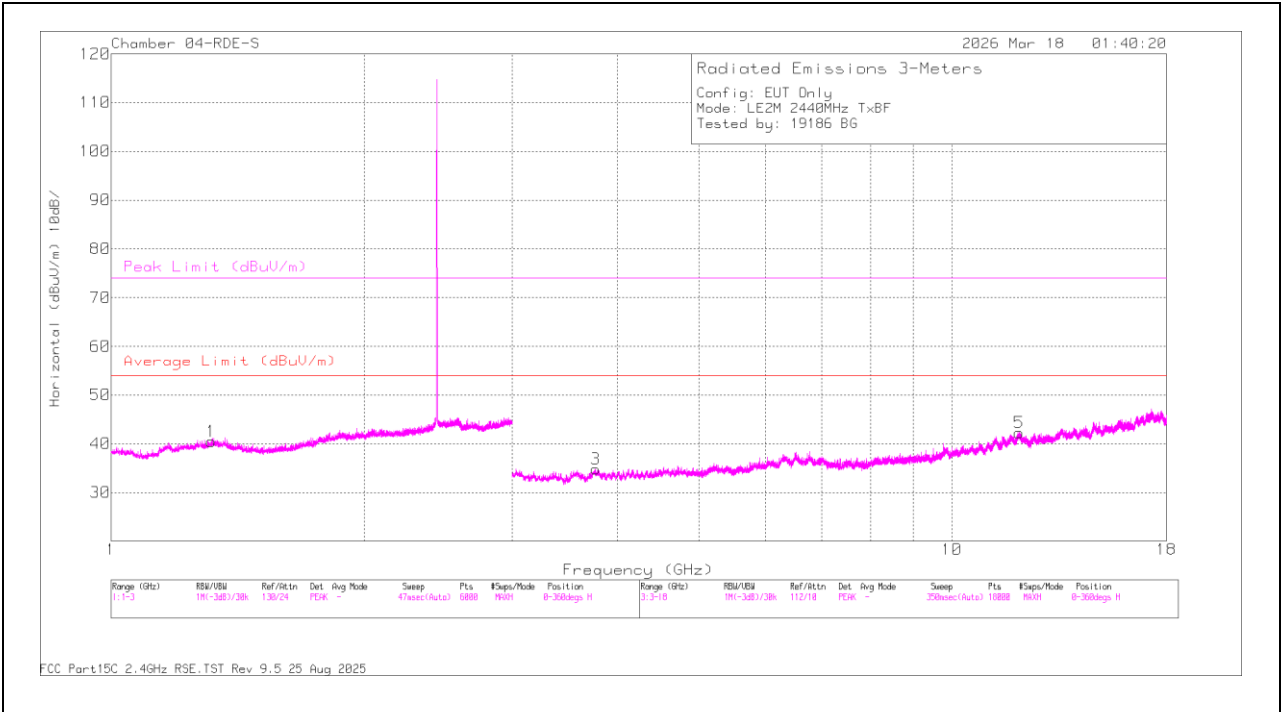
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

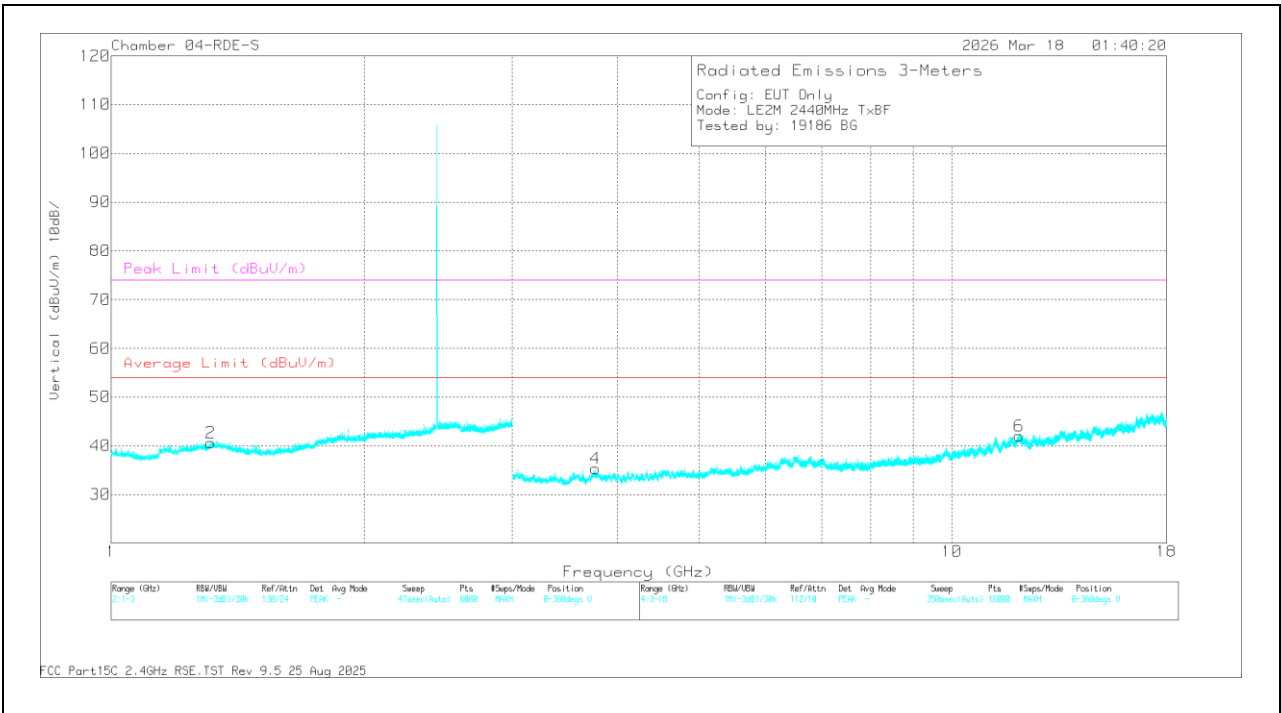
9.1.12. SPURIOUS EMISSIONS – WORST-CASE

BLE2M / 2440 MHz / HIGH POWER / MIMO TXBF

HORIZONTAL RESULT



VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 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
2	* 1.313836	61.97	PK2	28.9	-40.47	0	50.4	-	-	74	-23.6	360	201	V
	* 1.323569	49.76	MAv1	29	-40.48	2.46	40.74	54	-13.26	-	-	360	201	V
1	* 1.322343	61.8	PK2	29	-40.48	0	50.32	-	-	74	-23.68	360	100	H
	* 1.326736	49.68	MAv1	29	-40.45	2.46	40.69	54	-13.31	-	-	360	100	H
4	* 12.03842	43.11	MAv1	39.4	-42.47	2.46	42.5	54	-11.5	-	-	360	200	V
	* 12.04354	54.85	PK2	39.4	-42.55	0	51.7	-	-	74	-22.3	360	200	V
3	* 12.04715	43.1	MAv1	39.4	-42.56	2.46	42.4	54	-11.6	-	-	360	100	H
	* 12.04955	55.39	PK2	39.4	-42.61	0	52.18	-	-	74	-21.82	360	100	H
6	* 3.74595	58.52	PK2	33.6	-47.27	0	44.85	-	-	74	-29.15	360	201	V
	* 3.753203	46.45	MAv1	33.6	-47.28	2.46	35.23	54	-18.77	-	-	360	201	V
5	* 3.754097	58.29	PK2	33.6	-47.27	0	44.62	-	-	74	-29.38	360	100	H
	* 3.755163	46.44	MAv1	33.6	-47.27	2.46	35.23	54	-18.77	-	-	360	100	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

STATE B

9.1.13. 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
LELR8	2402	4	* 2.39	60.95	Pk	31.7	-41.04	0	51.61	-	-	74	-22.39	188	155	H
			* 2.34607	64.3	Pk	31.6	-41.06	0	54.84	-	-	74	-19.16	188	155	H
			* 2.39	50.81	RMS	31.7	-41.04	0.11	41.58	54	-12.42	-	-	188	155	H
			* 2.328151	52.3	RMS	31.6	-41.05	0.11	42.96	54	-11.04	-	-	188	155	H
			* 2.39	60.83	Pk	31.7	-41.04	0	51.49	-	-	74	-22.51	244	388	V
			* 2.385764	63.53	Pk	31.7	-41.06	0	54.17	-	-	74	-19.83	244	388	V
			* 2.39	50.59	RMS	31.7	-41.04	0.11	41.36	54	-12.64	-	-	244	388	V
			* 2.361761	51.49	RMS	31.6	-41.04	0.11	42.16	54	-11.84	-	-	244	388	V
		3	* 2.39	60.72	Pk	28.4	-40.4	0	48.72	-	-	74	-25.28	360	346	H
			* 2.388661	63.22	Pk	28.4	-40.4	0	51.22	-	-	74	-22.78	360	346	H
			* 2.39	50.26	RMS	28.4	-40.4	0.11	38.37	54	-15.63	-	-	360	346	H
			* 2.388937	51.28	RMS	28.4	-40.4	0.11	39.39	54	-14.61	-	-	360	346	H
			* 2.39	60.99	Pk	28.4	-40.4	0	48.99	-	-	74	-25.01	305	257	V
			* 2.349389	63.16	Pk	28.3	-40.4	0	51.06	-	-	74	-22.94	305	257	V
			* 2.39	50.25	RMS	28.4	-40.4	0.11	38.36	54	-15.64	-	-	305	257	V
			* 2.328108	51.34	RMS	28.2	-40.5	0.11	39.15	54	-14.85	-	-	305	257	V
LE1M	2402	4	* 2.39	59.66	Pk	32.2	-37.08	0	54.78	-	-	74	-19.22	237	225	H
			* 2.382591	62.4	Pk	32.2	-37.15	0	57.45	-	-	74	-16.55	237	225	H
			* 2.39	49.01	RMS	32.2	-37.08	0.72	44.85	54	-9.15	-	-	237	225	H
			* 2.372314	50.2	RMS	32.1	-37.08	0.72	45.94	54	-8.06	-	-	237	225	H
			* 2.39	60.08	Pk	32.2	-37.08	0	55.2	-	-	74	-18.8	106	301	V
			* 2.378297	61.78	Pk	32.2	-37.14	0	56.84	-	-	74	-17.16	106	301	V
			* 2.39	49.31	RMS	32.2	-37.08	0.72	45.15	54	-8.85	-	-	106	301	V
			* 2.376375	50.25	RMS	32.2	-37.1	0.72	46.07	54	-7.93	-	-	106	301	V
		3	* 2.39	61	Pk	32.2	-37.08	0	56.12	-	-	74	-17.88	235	158	H
			* 2.375124	62.14	Pk	32.2	-37.09	0	57.25	-	-	74	-16.75	235	158	H
			* 2.39	49.19	RMS	32.2	-37.08	0.72	45.03	54	-8.97	-	-	235	158	H
			* 2.383551	50.29	RMS	32.2	-37.14	0.72	46.07	54	-7.93	-	-	235	158	H
			* 2.39	60.72	Pk	32.2	-37.08	0	55.84	-	-	74	-18.16	39	379	V
			* 2.326463	62.76	Pk	31.9	-37.07	0	57.59	-	-	74	-16.41	39	379	V
			* 2.39	49.31	RMS	32.2	-37.08	0.72	45.15	54	-8.85	-	-	39	379	V
			* 2.37984	50.38	RMS	32.2	-37.15	0.72	46.15	54	-7.85	-	-	39	379	V
LE2M	2404	4	* 2.39	60.72	Pk	31.7	-41.04	0	51.38	-	-	74	-22.62	184	156	H
			* 2.354046	63.65	Pk	31.6	-41	0	54.25	-	-	74	-19.75	184	156	H
			* 2.39	50.98	RMS	31.7	-41.04	2.46	44.1	54	-9.9	-	-	184	156	H
			* 2.329913	51.85	RMS	31.6	-41.05	2.46	44.86	54	-9.14	-	-	184	156	H
			* 2.39	60.7	Pk	31.7	-41.04	0	51.36	-	-	74	-22.64	243	377	V
			* 2.340466	63.91	Pk	31.6	-41.01	0	54.5	-	-	74	-19.5	243	377	V
			* 2.39	50.38	RMS	31.7	-41.04	2.46	43.5	54	-10.5	-	-	243	377	V
			* 2.311659	51.65	RMS	31.6	-41.08	2.46	44.63	54	-9.37	-	-	243	377	V
		3	* 2.39	61.37	Pk	28.4	-40.4	0	49.37	-	-	74	-24.63	343	242	H
			* 2.381907	63.31	Pk	28.4	-40.4	0	51.31	-	-	74	-22.69	343	242	H
			* 2.39	49.92	RMS	28.4	-40.4	2.46	40.38	54	-13.62	-	-	343	242	H
			* 2.336128	51.26	RMS	28.4	-40.5	2.46	41.52	54	-12.48	-	-	343	242	H
			* 2.39	61.36	Pk	28.4	-40.4	0	49.36	-	-	74	-24.64	320	152	V
			* 2.384905	63.05	Pk	28.4	-40.4	0	51.05	-	-	74	-22.95	320	152	V
			* 2.39	49.5	RMS	28.4	-40.4	2.46	39.96	54	-14.04	-	-	320	152	V
			* 2.330306	51.29	RMS	28.4	-40.4	2.46	41.55	54	-12.45	-	-	320	152	V
HDT2	2404	4	* 2.39	62.36	Pk	28.4	-41.04	0	53.02	-	-	74	-20.98	185	125	H
			* 2.380422	64.19	Pk	28.4	-41.05	0	54.84	-	-	74	-19.16	185	125	H
			* 2.39	50.81	RMS	28.4	-41.04	0.16	41.63	54	-12.37	-	-	185	125	H
			* 2.329927	52.24	RMS	28.4	-41.05	0.16	42.95	54	-11.05	-	-	185	125	H
			* 2.39	61.01	Pk	28.4	-41.04	0	51.67	-	-	74	-22.33	245	378	V
			* 2.370524	63.43	Pk	28.4	-41.03	0	54.1	-	-	74	-19.9	245	378	V
			* 2.39	49.79	RMS	28.4	-41.04	0.16	40.61	54	-13.39	-	-	245	378	V
			* 2.319694	51.52	RMS	28.4	-41.01	0.16	42.27	54	-11.73	-	-	245	378	V
		3	* 2.39	60.96	Pk	28.4	-40.4	0	48.96	-	-	74	-25.04	9	123	H
			* 2.371368	63.53	Pk	28.4	-40.4	0	51.53	-	-	74	-22.47	9	123	H
			* 2.39	50.04	RMS	28.4	-40.4	0.16	38.2	54	-15.8	-	-	9	123	H
			* 2.329709	51.5	RMS	28.4	-40.43	0.16	39.43	54	-14.57	-	-	9	123	H
			* 2.39	61.78	Pk	28.4	-40.4	0	49.78	-	-	74	-24.22	326	153	V
			* 2.33048	63.46	Pk	28.4	-40.4	0	51.26	-	-	74	-22.74	326	153	V
			* 2.39	50.29	RMS	28.4	-40.4	0.16	38.45	54	-15.55	-	-	326	153	V
			* 2.37409	51.1	RMS	28.4	-40.4	0.16	39.26	54	-14.74	-	-	326	153	V

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

Pk - Peak detector

RMS - RMS detection

9.1.14. 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)	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
LELR8	2402	4+3	* 2.39	61.05	Pk	28.4	-40.4	0	49.05	-	-	74	-24.95	323	114	H
			* 2.327817	64.08	Pk	28.2	-40.5	0	51.78	-	-	74	-22.22	323	114	H
			* 2.39	50.17	RMS	28.4	-40.4	0.11	38.28	54	-15.72	-	-	323	114	H
			* 2.327831	53.66	RMS	28.2	-40.5	0.11	41.47	54	-12.53	-	-	323	114	H
			* 2.39	61.13	Pk	28.4	-40.4	0	49.13	-	-	74	-24.87	81	341	V
			* 2.373974	63.94	Pk	28.4	-40.4	0	51.94	-	-	74	-22.06	81	341	V
			* 2.39	49.6	RMS	28.4	-40.4	0.11	37.71	54	-16.29	-	-	81	341	V
LE1M	2402	4+3	* 2.353435	51.17	RMS	28.3	-40.4	0.11	39.18	54	-14.82	-	-	81	341	V
			* 2.39	60.47	Pk	31.7	-41.04	0	51.13	-	-	74	-22.87	182	147	H
			* 2.32837	64.37	Pk	31.6	-41.05	0	54.92	-	-	74	-19.08	182	147	H
			* 2.39	50.87	RMS	31.7	-41.04	0.72	42.25	54	-11.75	-	-	182	147	H
			* 2.327904	53.82	RMS	31.6	-41.05	0.72	45.09	54	-8.91	-	-	182	147	H
			* 2.39	60.58	Pk	31.7	-41.04	0	51.24	-	-	74	-22.76	232	126	V
			* 2.346958	63.68	Pk	31.6	-41.06	0	54.22	-	-	74	-19.78	232	126	V
LE2M	2404	4+3	* 2.39	50.04	RMS	31.7	-41.04	0.72	41.42	54	-12.58	-	-	232	126	V
			* 2.319738	51.56	RMS	31.6	-41.01	0.72	42.87	54	-11.13	-	-	232	126	V
			* 2.39	61.13	Pk	28.4	-40.4	0	49.13	-	-	74	-24.87	322	158	H
			* 2.384323	63.98	Pk	28.4	-40.4	0	51.98	-	-	74	-22.02	322	158	H
			* 2.39	50.52	RMS	28.4	-40.4	2.46	40.98	54	-13.02	-	-	322	158	H
			* 2.33214	52.15	RMS	28.3	-40.4	2.46	42.51	54	-11.49	-	-	322	158	H
			* 2.39	60.38	Pk	28.4	-40.4	0	48.38	-	-	74	-25.62	83	398	V
HDT2	2404	4+3	* 2.374658	63.04	Pk	28.4	-40.4	0	51.04	-	-	74	-22.96	83	398	V
			* 2.39	49.96	RMS	28.4	-40.4	2.46	40.42	54	-13.58	-	-	83	398	V
			* 2.331819	51.2	RMS	28.3	-40.4	2.46	41.56	54	-12.44	-	-	83	398	V
			* 2.39	63.26	Pk	28.4	-40.4	0	51.26	-	-	74	-22.74	47	158	H
			* 2.389854	64.52	Pk	28.4	-40.4	0	52.52	-	-	74	-21.48	47	158	H
			* 2.39	50.42	RMS	28.4	-40.4	0.16	38.58	54	-15.42	-	-	47	158	H
			* 2.332212	52.25	RMS	28.3	-40.4	0.16	40.31	54	-13.69	-	-	47	158	H
			* 2.39	60.95	Pk	28.4	-40.4	0	48.95	-	-	74	-25.05	97	319	V
			* 2.331732	63.54	Pk	28.3	-40.4	0	51.44	-	-	74	-22.56	97	319	V
			* 2.39	50.08	RMS	28.4	-40.4	0.16	38.24	54	-15.76	-	-	97	319	V
			* 2.375327	51.09	RMS	28.4	-40.4	0.16	39.25	54	-14.75	-	-	97	319	V

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

Pk - Peak detector

RMS - RMS detection

9.1.15. LOW 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
LELR8	2402	4	* 2.39	61.01	Pk	28.4	-40.4	0	49.01	-	-	74	-24.99	172	177	H
			* 2.389097	63.94	Pk	28.4	-40.4	0	51.94	-	-	74	-22.06	172	177	H
			* 2.39	50.06	RMS	28.4	-40.4	0.11	38.17	54	-15.83	-	-	172	177	H
			* 2.355109	51.13	RMS	28.3	-40.4	0.11	39.14	54	-14.86	-	-	172	177	H
			* 2.39	60.34	Pk	28.4	-40.4	0	48.34	-	-	74	-25.66	200	133	V
			* 2.353406	63.56	Pk	28.3	-40.4	0	51.46	-	-	74	-22.54	200	133	V
		3	* 2.39	49.97	RMS	28.4	-40.4	0.11	38.08	54	-15.92	-	-	200	133	V
			* 2.340437	51.13	RMS	28.3	-40.4	0.11	39.14	54	-14.86	-	-	200	133	V
			* 2.39	61.67	Pk	28.4	-40.4	0	49.67	-	-	74	-24.33	137	360	H
			* 2.332751	63.99	Pk	28.3	-40.4	0	51.89	-	-	74	-22.11	137	360	H
			* 2.39	50.01	RMS	28.4	-40.4	0.11	38.12	54	-15.88	-	-	137	360	H
			* 2.386535	50.98	RMS	28.4	-40.4	0.11	39.09	54	-14.91	-	-	137	360	H
			* 2.39	60.08	Pk	28.4	-40.4	0	48.08	-	-	74	-25.92	74	308	V
			* 2.369927	63.08	Pk	28.3	-40.4	0	50.98	-	-	74	-23.02	74	308	V
			* 2.39	49.74	RMS	28.4	-40.4	0.11	37.85	54	-16.15	-	-	74	308	V
			* 2.350859	51.05	RMS	28.3	-40.4	0.11	39.06	54	-14.94	-	-	74	308	V
LE1M	2402	4	* 2.39	60.66	Pk	32.3	-38.55	0	54.41	-	-	74	-19.59	101	183	H
			* 2.387802	62.71	Pk	32.3	-38.57	0	56.44	-	-	74	-17.56	101	183	H
			* 2.39	50.36	RMS	32.3	-38.55	0.72	44.83	54	-9.17	-	-	101	183	H
			* 2.370757	51.08	RMS	32.2	-38.63	0.72	45.37	54	-8.63	-	-	101	183	H
			* 2.39	61.02	Pk	32.3	-38.55	0	54.77	-	-	74	-19.23	232	179	V
			* 2.351761	63.29	Pk	32.1	-38.66	0	56.73	-	-	74	-17.27	232	179	V
		3	* 2.39	50.47	RMS	32.3	-38.55	0.72	44.94	54	-9.06	-	-	232	179	V
			* 2.371426	50.92	RMS	32.2	-38.63	0.72	45.21	54	-8.79	-	-	232	179	V
			* 2.39	60.13	Pk	32.3	-38.55	0	53.88	-	-	74	-20.12	119	244	H
			* 2.378835	63.13	Pk	32.2	-38.58	0	56.75	-	-	74	-17.25	119	244	H
			* 2.39	49.4	RMS	32.3	-38.55	0.72	43.87	54	-10.13	-	-	119	244	H
			* 2.381266	50.93	RMS	32.2	-38.57	0.72	45.28	54	-8.72	-	-	119	244	H
			* 2.39	62.36	Pk	32.3	-38.55	0	56.11	-	-	74	-17.89	250	245	V
			* 2.375691	63.71	Pk	32.2	-38.62	0	57.29	-	-	74	-16.71	250	245	V
			* 2.39	49.64	RMS	32.3	-38.55	0.72	44.11	54	-9.89	-	-	250	245	V
			* 2.377729	50.97	RMS	32.2	-38.59	0.72	45.3	54	-8.7	-	-	250	245	V
LE2M	2404	4	* 2.39	61.52	Pk	28.4	-40.4	0	49.52	-	-	74	-24.48	170	177	H
			* 2.338763	63.33	Pk	28.3	-40.5	0	51.13	-	-	74	-22.87	170	177	H
			* 2.39	50.08	RMS	28.4	-40.4	2.46	40.54	54	-13.46	-	-	170	177	H
			* 2.363319	51.06	RMS	28.3	-40.4	2.46	41.42	54	-12.58	-	-	170	177	H
			* 2.39	60.37	Pk	28.4	-40.4	0	48.37	-	-	74	-25.63	283	244	V
			* 2.32115	63.33	Pk	28.2	-40.5	0	51.03	-	-	74	-22.97	283	244	V
		3	* 2.39	49.95	RMS	28.4	-40.4	2.46	40.41	54	-13.59	-	-	283	244	V
			* 2.389374	50.99	RMS	28.4	-40.4	2.46	41.45	54	-12.55	-	-	283	244	V
			* 2.39	60.4	Pk	28.4	-40.4	0	48.4	-	-	74	-25.6	140	360	H
			* 2.38476	63.23	Pk	28.4	-40.4	0	51.23	-	-	74	-22.77	140	360	H
			* 2.39	49.78	RMS	28.4	-40.4	2.46	40.24	54	-13.76	-	-	140	360	H
			* 2.325196	51.22	RMS	28.2	-40.42	2.46	41.46	54	-12.54	-	-	140	360	H
			* 2.39	61.12	Pk	28.4	-40.4	0	49.12	-	-	74	-24.88	56	149	V
			* 2.375648	63.5	Pk	28.4	-40.4	0	51.5	-	-	74	-22.5	56	149	V
			* 2.39	49.9	RMS	28.4	-40.4	2.46	40.36	54	-13.64	-	-	56	149	V
			* 2.376404	50.9	RMS	28.4	-40.4	2.46	41.36	54	-12.64	-	-	56	149	V
HDT2	2404	4	* 2.39	61.43	Pk	28.4	-40.4	0	49.43	-	-	74	-24.57	178	176	H
			* 2.37492	63.89	Pk	28.4	-40.4	0	51.89	-	-	74	-22.11	178	176	H
			* 2.39	49.67	RMS	28.4	-40.4	0.16	37.83	54	-16.17	-	-	178	176	H
			* 2.384527	51.04	RMS	28.4	-40.4	0.16	39.2	54	-14.8	-	-	178	176	H
			* 2.39	61.13	Pk	28.4	-40.4	0	49.13	-	-	74	-24.87	233	207	V
			* 2.361747	64.15	Pk	28.3	-40.4	0	52.05	-	-	74	-21.95	233	207	V
		3	* 2.39	50.14	RMS	28.4	-40.4	0.16	38.3	54	-15.7	-	-	233	207	V
			* 2.387904	51	RMS	28.4	-40.4	0.16	39.16	54	-14.84	-	-	233	207	V
			* 2.39	62.91	Pk	28.4	-40.4	0	50.91	-	-	74	-23.09	140	362	H
			* 2.355429	63.1	Pk	28.3	-40.4	0	51	-	-	74	-23	140	362	H
			* 2.39	49.31	RMS	28.4	-40.4	0.16	37.47	54	-16.53	-	-	140	362	H
			* 2.331994	51.15	RMS	28.3	-40.4	0.16	39.21	54	-14.79	-	-	140	362	H
			* 2.39	60.5	Pk	28.4	-40.4	0	48.5	-	-	74	-25.5	47	308	V
			* 2.38508	63.74	Pk	28.4	-40.4	0	51.74	-	-	74	-22.26	47	308	V
			* 2.39	50.03	RMS	28.4	-40.4	0.16	38.19	54	-15.81	-	-	47	308	V
			* 2.388632	50.92	RMS	28.4	-40.4	0.16	39.08	54	-14.92	-	-	47	308	V

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

Pk - Peak detector

RMS - RMS detection

9.1.16. LOW BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Fitr/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
LELR8	2402	4+3	* 2.39	61.08	Pk	28.4	-40.4	0	49.08	-	-	74	-24.92	230	157	H
			* 2.360669	62.97	Pk	28.3	-40.4	0	50.87	-	-	74	-23.13	230	157	H
			* 2.39	50.01	RMS	28.4	-40.4	0.11	38.12	54	-15.88	-	-	230	157	H
			* 2.382969	51.24	RMS	28.4	-40.4	0.11	39.35	54	-14.65	-	-	230	157	H
			* 2.39	60.62	Pk	28.4	-40.4	0	48.62	-	-	74	-25.38	278	377	V
			* 2.324629	63.33	Pk	28.2	-40.44	0	51.09	-	-	74	-22.91	278	377	V
			* 2.39	50.31	RMS	28.4	-40.4	0.11	38.42	54	-15.58	-	-	278	377	V
			* 2.382445	50.89	RMS	28.4	-40.4	0.11	39	54	-15	-	-	278	377	V
LE1M	2402	4+3	* 2.39	61.33	Pk	32.3	-38.55	0	55.08	-	-	74	-18.92	338	193	H
			* 2.382882	63.41	Pk	32.2	-38.57	0	57.04	-	-	74	-16.96	338	193	H
			* 2.39	49.52	RMS	32.3	-38.55	0.72	43.99	54	-10.01	-	-	338	193	H
			* 2.376099	51	RMS	32.2	-38.62	0.72	45.3	54	-8.7	-	-	338	193	H
			* 2.39	62.19	Pk	32.3	-38.55	0	55.94	-	-	74	-18.06	75	319	V
			* 2.380407	63.3	Pk	32.2	-38.57	0	56.93	-	-	74	-17.07	75	319	V
			* 2.39	49.33	RMS	32.3	-38.55	0.72	43.8	54	-10.2	-	-	75	319	V
			* 2.388908	50.77	RMS	32.3	-38.56	0.72	45.23	54	-8.77	-	-	75	319	V
LE2M	2404	4+3	* 2.39	62.26	Pk	28.4	-40.4	0	50.26	-	-	74	-23.74	221	159	H
			* 2.318952	63.22	Pk	28.2	-40.5	0	50.92	-	-	74	-23.08	221	159	H
			* 2.39	50.32	RMS	28.4	-40.4	2.46	40.78	54	-13.22	-	-	221	159	H
			* 2.346681	50.99	RMS	28.3	-40.4	2.46	41.35	54	-12.65	-	-	221	159	H
			* 2.39	60.08	Pk	28.4	-40.4	0	48.08	-	-	74	-25.92	263	384	V
			* 2.312955	63.51	Pk	28.2	-40.5	0	51.21	-	-	74	-22.79	263	384	V
			* 2.39	46.54	RMS	28.4	-40.4	2.46	37	54	-17	-	-	263	384	V
			* 2.370204	48.67	RMS	28.3	-40.4	2.46	39.03	54	-14.97	-	-	263	384	V
HDT2	2404	4+3	* 2.39	61.49	Pk	32.3	-38.55	0	55.24	-	-	74	-18.76	356	121	H
			* 2.383857	62.81	Pk	32.2	-38.56	0	56.45	-	-	74	-17.55	356	121	H
			* 2.39	50.74	RMS	32.3	-38.55	0.16	44.65	54	-9.35	-	-	356	121	H
			* 2.389942	51.15	RMS	32.3	-38.55	0.16	45.06	54	-8.94	-	-	356	121	H
			* 2.39	61.09	Pk	32.3	-38.55	0	54.84	-	-	74	-19.16	242	363	V
			* 2.377947	63.24	Pk	32.2	-38.58	0	56.86	-	-	74	-17.14	242	363	V
			* 2.389985	51.12	RMS	32.3	-38.55	0.16	45.03	54	-8.97	-	-	242	363	V
			* 2.39	50.48	RMS	32.3	-38.55	0.16	44.39	54	-9.61	-	-	242	363	V

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

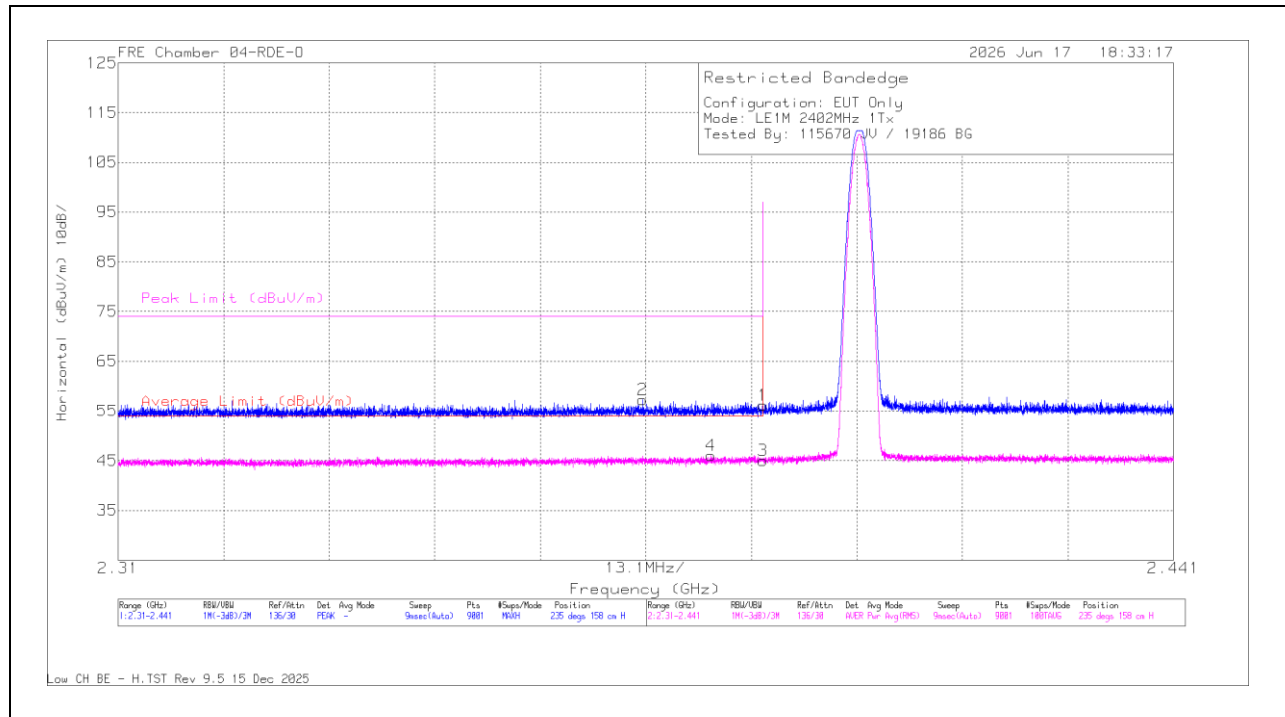
Pk - Peak detector

RMS - RMS detection

9.1.17. LOW BAND EDGE – WORST-CASE

BLE1M / 2402 MHz / HIGH POWER / SISO ANT 3

HORIZONTAL RESULT



MEASURED DATA

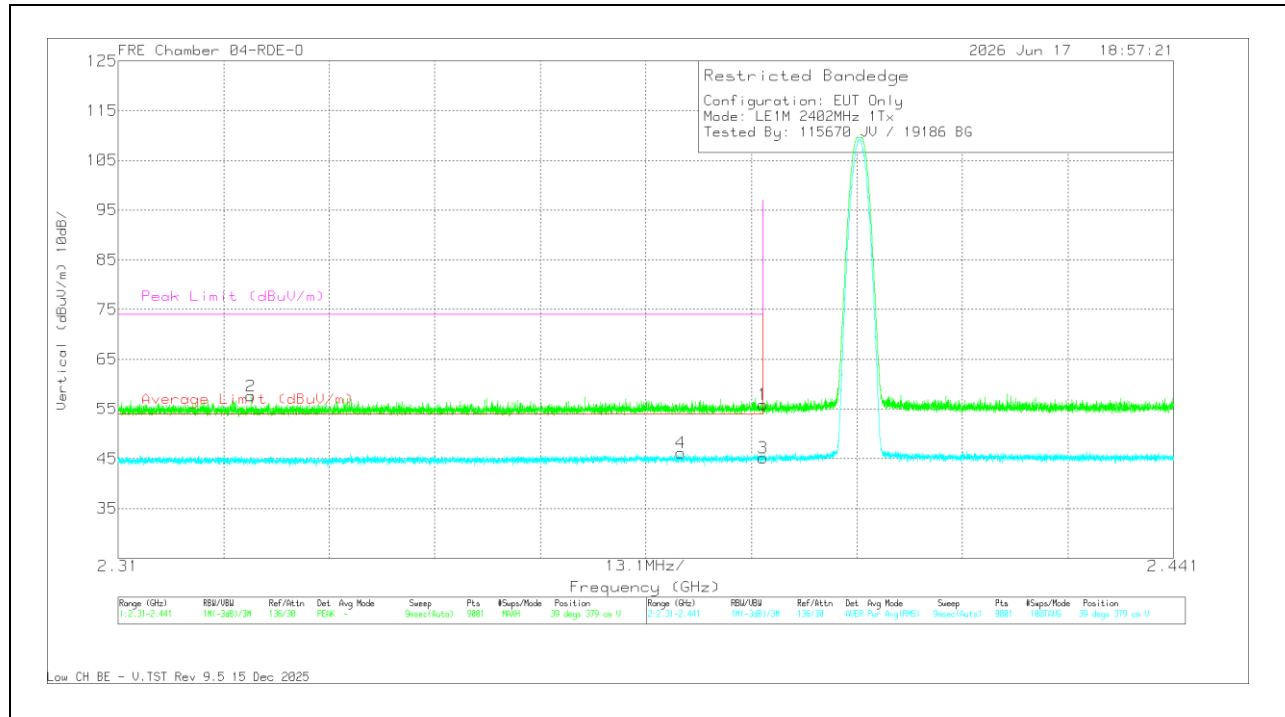
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61	Pk	32.2	-37.08	0	56.12	-	-	74	-17.88	235	158	H
2	* 2.375124	62.14	Pk	32.2	-37.09	0	57.25	-	-	74	-16.75	235	158	H
3	* 2.39	49.19	RMS	32.2	-37.08	.72	45.03	54	-8.97	-	-	235	158	H
4	* 2.383551	50.29	RMS	32.2	-37.14	.72	46.07	54	-7.93	-	-	235	158	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 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	* 2.39	60.72	Pk	32.2	0	-37.08	55.84	-	-	74	-18.16	39	379	V
2	* 2.326463	62.76	Pk	31.9	0	-37.07	57.59	-	-	74	-16.41	39	379	V
3	* 2.39	49.31	RMS	32.2	0.72	-37.08	45.15	54	-8.85	-	-	39	379	V
4	* 2.37984	50.38	RMS	32.2	0.72	-37.15	46.15	54	-7.85	-	-	39	379	V

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

Pk - Peak detector

RMS - RMS detection

9.1.18. HIGH BAND EDGE – HIGH 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
LELR8	2480	4	* 2.4835	62.68	Pk	31.9	-40.96	0	53.62	-	-	74	-20.38	11	137	H
			* 2.483539	66.68	Pk	31.9	-40.96	0	57.62	-	-	74	-16.38	11	137	H
			* 2.4835	51.93	RMS	31.9	-40.96	0.11	42.98	54	-11.02	-	-	11	137	H
			* 2.483566	52.78	RMS	31.9	-40.96	0.11	43.83	54	-10.17	-	-	11	137	H
			* 2.4835	63.31	Pk	31.9	-40.96	0	54.25	-	-	74	-19.75	171	373	V
			2.559818	64.26	Pk	32.3	-40.76	0	55.8	-	-	-	-	171	373	V
			* 2.4835	51.57	RMS	31.9	-40.96	0.11	42.62	54	-11.38	-	-	171	373	V
			2.562231	51.39	RMS	32.3	-40.75	0.11	43.05	-	-	-	-	171	373	V
		3	* 2.4835	62.44	Pk	29	-40.1	0	51.34	-	-	74	-22.66	9	225	H
			* 2.4835	51.43	RMS	29	-40.1	0.11	40.44	54	-13.56	-	-	9	225	H
			* 2.483688	51.91	RMS	29	-40.1	0.11	40.92	54	-13.08	-	-	9	225	H
			2.542372	62.93	Pk	29.4	-40	0	52.33	-	-	-	-	9	225	H
			* 2.4835	61.5	Pk	29	-40.1	0	50.4	-	-	74	-23.6	282	276	V
			* 2.4835	51.65	RMS	29	-40.1	0.11	40.66	54	-13.34	-	-	282	276	V
			* 2.483674	52.1	RMS	29	-40.1	0.11	41.11	54	-12.89	-	-	282	276	V
			2.522458	63.19	Pk	29.2	-40	0	52.39	-	-	-	-	282	276	V
LE1M	2480	4	* 2.4835	60.13	Pk	32.4	-36.91	0	55.62	-	-	74	-18.38	203	112	H
			2.533249	62	Pk	32.5	-36.89	0	57.61	-	-	-	-	203	112	H
			* 2.4835	50.02	RMS	32.4	-36.91	0.72	46.23	54	-7.77	-	-	203	112	H
			* 2.483688	50.34	RMS	32.4	-36.9	0.72	46.56	54	-7.44	-	-	203	112	H
			* 2.4835	59.74	Pk	32.4	-36.91	0	55.23	-	-	74	-18.77	240	344	V
			2.509309	62.3	Pk	32.5	-36.89	0	57.91	-	-	-	-	240	344	V
			* 2.4835	49.35	RMS	32.4	-36.91	0.72	45.56	54	-8.44	-	-	240	344	V
			2.500809	50.35	RMS	32.5	-36.91	0.72	46.66	-	-	-	-	240	344	V
		3	* 2.4835	60.68	Pk	32.4	-36.91	0	56.17	-	-	74	-17.83	209	235	H
			* 2.489056	62.22	Pk	32.4	-36.96	0	57.66	-	-	74	-16.34	209	235	H
			* 2.4835	49.53	RMS	32.4	-36.91	0.72	45.74	54	-8.26	-	-	209	235	H
			* 2.484962	50.32	RMS	32.4	-36.93	0.72	46.51	54	-7.49	-	-	209	235	H
			* 2.4835	60.25	Pk	32.4	-36.91	0	55.74	-	-	74	-18.26	85	328	V
			2.513281	62.57	Pk	32.5	-36.88	0	58.19	-	-	-	-	85	328	V
			* 2.4835	49.69	RMS	32.4	-36.91	0.72	45.9	54	-8.1	-	-	85	328	V
			2.532327	50.05	RMS	32.5	-36.89	0.72	46.38	-	-	-	-	85	328	V
LE2M	2478	4	* 2.4835	61.88	Pk	31.9	-40.96	0	52.82	-	-	74	-21.18	9	138	H
			2.552051	63.58	Pk	32.2	-40.75	0	55.03	-	-	-	-	9	138	H
			* 2.4835	51.25	RMS	31.9	-40.96	2.46	44.65	54	-9.35	-	-	9	138	H
			2.557216	51.6	RMS	32.2	-40.78	2.46	45.48	-	-	-	-	9	138	H
			* 2.4835	61.6	Pk	31.9	-40.96	0	52.54	-	-	74	-21.46	173	379	V
			2.517483	64.13	Pk	32.1	-40.88	0	55.35	-	-	-	-	173	379	V
			* 2.4835	51.08	RMS	31.9	-40.96	2.46	44.48	54	-9.52	-	-	173	379	V
			2.562204	51.79	RMS	32.3	-40.75	2.46	45.8	-	-	-	-	173	379	V
		3	* 2.4835	60.2	Pk	29	-40.1	0	49.1	-	-	74	-24.9	95	327	H
			* 2.4835	50.31	RMS	29	-40.1	2.46	41.67	54	-12.33	-	-	95	327	H
			2.54431	63.35	Pk	29.4	-40	0	52.75	-	-	-	-	95	327	H
			2.554803	51.15	RMS	29.4	-39.98	2.46	43.03	-	-	-	-	95	327	H
			* 2.4835	61.17	Pk	29	-40.1	0	50.07	-	-	74	-23.93	291	245	V
			* 2.4835	50.26	RMS	29	-40.1	2.46	41.62	54	-12.38	-	-	291	245	V
			2.55159	51.06	RMS	29.4	-40	2.46	42.92	-	-	-	-	291	245	V
			2.55605	62.77	Pk	29.4	-39.9	0	52.27	-	-	-	-	291	245	V
HDT2	2476	4	* 2.4835	72.5	Pk	31.9	-40.96	0	63.44	-	-	74	-10.56	10	114	H
			* 2.483539	71.99	Pk	31.9	-40.96	0	62.93	-	-	74	-11.07	10	114	H
			* 2.4835	57.68	RMS	31.9	-40.96	0.16	48.78	54	-5.22	-	-	10	114	H
			* 2.483539	58.88	RMS	31.9	-40.96	0.16	49.98	54	-4.02	-	-	10	114	H
			* 2.4835	65.24	Pk	31.9	-40.96	0	56.18	-	-	74	-17.82	182	380	V
			* 2.483539	66.22	Pk	31.9	-40.96	0	57.16	-	-	74	-16.84	182	380	V
			* 2.4835	53.04	RMS	31.9	-40.96	0.16	44.14	54	-9.86	-	-	182	380	V
			* 2.483512	53.23	RMS	31.9	-40.96	0.16	44.33	54	-9.67	-	-	182	380	V
		3	* 2.4835	69.16	Pk	29	-40.1	0	58.06	-	-	74	-15.94	7	308	H
			* 2.483566	69.01	Pk	29	-40.1	0	57.91	-	-	74	-16.09	7	308	H
			* 2.4835	54.84	RMS	29	-40.1	0.16	43.9	54	-10.1	-	-	7	308	H
			* 2.483566	56.07	RMS	29	-40.1	0.16	45.13	54	-8.87	-	-	7	308	H
			* 2.4835	68.68	Pk	29	-40.1	0	57.58	-	-	74	-16.42	291	245	V
			* 2.483552	68.68	Pk	29	-40.1	0	57.58	-	-	74	-16.42	291	245	V
			* 2.4835	55.6	RMS	29	-40.1	0.16	44.66	54	-9.34	-	-	291	245	V
			* 2.483525	55.73	RMS	29	-40.1	0.16	44.79	54	-9.21	-	-	291	245	V

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

Pk - Peak detector

RMS - RMS detection

9.1.19. HIGH BAND EDGE – HIGH POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Fitr/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
LELR8	2480	4+3	* 2.4835	64.05	Pk	31.9	-40.96	0	54.99	-	-	74	-19.01	176	113	H
			* 2.483579	64.87	Pk	31.9	-40.96	0	55.81	-	-	74	-18.19	176	113	H
			* 2.4835	52.23	RMS	31.9	-40.96	0.11	43.28	54	-10.72	-	-	176	113	H
			* 2.483566	53.1	RMS	31.9	-40.96	0.11	44.15	54	-9.85	-	-	176	113	H
			* 2.4835	62.22	Pk	31.9	-40.96	0	53.16	-	-	74	-20.84	226	357	V
			2.558029	63.51	Pk	32.2	-40.79	0	54.92	-	-	-	-	226	357	V
			* 2.4835	50.74	RMS	31.9	-40.96	0.11	41.79	54	-12.21	-	-	226	357	V
			2.553149	51.57	RMS	32.2	-40.75	0.11	43.13	-	-	-	-	226	357	V
LE1M	2480	4+3	* 2.4835	61.17	Pk	32.4	-36.91	0	56.66	-	-	74	-17.34	214	215	H
			2.544744	62.16	Pk	32.4	-36.87	0	57.69	-	-	-	-	214	215	H
			* 2.4835	50.33	RMS	32.4	-36.91	0.72	46.54	54	-7.46	-	-	214	215	H
			* 2.483634	50.92	RMS	32.4	-36.9	0.72	47.14	54	-6.86	-	-	214	215	H
			* 2.4835	60.81	Pk	32.4	-36.91	0	56.3	-	-	74	-17.7	64	348	V
			2.510244	62.57	Pk	32.5	-36.88	0	58.19	-	-	-	-	64	348	V
			* 2.4835	49.7	RMS	32.4	-36.91	0.72	45.91	54	-8.09	-	-	64	348	V
			2.537831	50.19	RMS	32.4	-36.85	0.72	46.46	-	-	-	-	64	348	V
LE2M	2478	4+3	* 2.4835	63.23	Pk	31.9	-40.96	0	54.17	-	-	74	-19.83	175	113	H
			* 2.486833	63.89	Pk	31.9	-40.96	0	54.83	-	-	74	-19.17	175	113	H
			* 2.4835	51.74	RMS	31.9	-40.96	2.46	45.14	54	-8.86	-	-	175	113	H
			* 2.483539	52	RMS	31.9	-40.96	2.46	45.4	54	-8.6	-	-	175	113	H
			* 2.4835	61.72	Pk	31.9	-40.96	0	52.66	-	-	74	-21.34	223	357	V
			2.509892	63.84	Pk	32	-40.91	0	54.93	-	-	-	-	223	357	V
			* 2.4835	50.45	RMS	31.9	-40.96	2.46	43.85	54	-10.15	-	-	223	357	V
			2.558151	51.48	RMS	32.2	-40.79	2.46	45.35	-	-	-	-	223	357	V
HDT2	2476	4+3	* 2.4835	72.94	Pk	31.9	-40.96	0	63.88	-	-	74	-10.12	15	138	H
			* 2.483512	72.62	Pk	31.9	-40.96	0	63.56	-	-	74	-10.44	15	138	H
			* 2.4835	59.59	RMS	31.9	-40.96	0.16	50.69	54	-3.31	-	-	15	138	H
			* 2.483512	59.5	RMS	31.9	-40.96	0.16	50.6	54	-3.4	-	-	15	138	H
			* 2.4835	68.86	Pk	31.9	-40.96	0	59.8	-	-	74	-14.2	173	377	V
			* 2.483512	69.31	Pk	31.9	-40.96	0	60.25	-	-	74	-13.75	173	377	V
			* 2.4835	55.32	RMS	31.9	-40.96	0.16	46.42	54	-7.58	-	-	173	377	V
			* 2.483512	55.23	RMS	31.9	-40.96	0.16	46.33	54	-7.67	-	-	173	377	V

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

Pk - Peak detector

RMS - RMS detection

9.1.20. 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	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
LELR8	2480	4	* 2.4835	61.08	Pk	29	-40.1	0	49.98	-	-	74	-24.02	252	147	H
			* 2.4835	50.53	RMS	29	-40.1	0.11	39.54	54	-14.46	-	-	252	147	H
			2.537017	51.05	RMS	29.3	-40	0.11	40.46	-	-	-	-	252	147	H
			2.557297	63.59	Pk	29.4	-39.93	0	53.06	-	-	-	-	252	147	H
			* 2.4835	60.58	Pk	29	-40.1	0	49.48	-	-	74	-24.52	140	351	V
			* 2.4835	49.89	RMS	29	-40.1	0.11	38.9	54	-15.1	-	-	140	351	V
			2.53554	63.15	Pk	29.3	-40	0	52.45	-	-	-	-	140	351	V
			2.555236	51.04	RMS	29.4	-39.98	0.11	40.57	-	-	-	-	140	351	V
		3	* 2.4835	60.98	Pk	29	-40.1	0	49.88	-	-	74	-24.12	351	108	H
			* 2.4835	50.45	RMS	29	-40.1	0.11	39.46	54	-14.54	-	-	351	108	H
			2.549041	63.17	Pk	29.4	-40	0	52.57	-	-	-	-	351	108	H
			2.562584	50.89	RMS	29.5	-39.9	0.11	40.6	-	-	-	-	351	108	H
			* 2.4835	60.87	Pk	29	-40.1	0	49.77	-	-	74	-24.23	299	296	V
			* 2.4835	50.26	RMS	29	-40.1	0.11	39.27	54	-14.73	-	-	299	296	V
			2.55426	62.76	Pk	29.4	-39.93	0	52.23	-	-	-	-	299	296	V
			2.557216	50.91	RMS	29.4	-39.92	0.11	40.5	-	-	-	-	299	296	V
LE1M	2480	4	* 2.4835	60.25	Pk	32.4	-38.32	0	54.33	-	-	74	-19.67	105	170	H
			2.510813	63.07	Pk	32.5	-38.25	0	57.32	-	-	-	-	105	170	H
			* 2.4835	50.46	RMS	32.4	-38.32	0.72	45.26	54	-8.74	-	-	105	170	H
			2.560632	50.67	RMS	32.5	-38.09	0.72	45.8	-	-	-	-	105	170	H
			* 2.4835	61	Pk	32.4	-38.32	0	55.08	-	-	74	-18.92	179	171	V
			2.514202	63.28	Pk	32.5	-38.22	0	57.56	-	-	-	-	179	171	V
			* 2.4835	50.83	RMS	32.4	-38.32	0.72	45.63	54	-8.37	-	-	179	171	V
			2.557405	50.82	RMS	32.5	-38.05	0.72	45.99	-	-	-	-	179	171	V
		3	* 2.4835	60.89	Pk	32.4	-38.32	0	54.97	-	-	74	-19.03	181	347	H
			* 2.499643	63.3	Pk	32.5	-38.27	0	57.53	-	-	74	-16.47	181	347	H
			* 2.4835	50.55	RMS	32.4	-38.32	0.72	45.35	54	-8.65	-	-	181	347	H
			2.503493	50.92	RMS	32.5	-38.27	0.72	45.87	-	-	-	-	181	347	H
			* 2.4835	61.36	Pk	32.4	-38.32	0	55.44	-	-	74	-18.56	60	307	V
			2.553542	63.17	Pk	32.5	-38.07	0	57.6	-	-	-	-	60	307	V
			* 2.4835	50.61	RMS	32.4	-38.32	0.72	45.41	54	-8.59	-	-	60	307	V
			2.55182	50.64	RMS	32.5	-38.06	0.72	45.8	-	-	-	-	60	307	V
LE2M	2478	4	* 2.4835	60.78	Pk	29	-40.1	0	49.68	-	-	74	-24.32	258	148	H
			* 2.4835	50.16	RMS	29	-40.1	2.46	41.52	54	-12.48	-	-	258	148	H
			2.503737	63.42	Pk	29.1	-40	0	52.52	-	-	-	-	258	148	H
			2.543958	51.12	RMS	29.4	-40	2.46	42.98	-	-	-	-	258	148	H
			* 2.4835	60.6	Pk	29	-40.1	0	49.5	-	-	74	-24.5	245	310	V
			* 2.4835	50.02	RMS	29	-40.1	2.46	41.38	54	-12.62	-	-	245	310	V
			2.541355	63.26	Pk	29.4	-40	0	52.66	-	-	-	-	245	310	V
			2.547754	51.07	RMS	29.4	-40	2.46	42.93	-	-	-	-	245	310	V
		3	* 2.4835	60.58	Pk	29	-40.1	0	49.48	-	-	74	-24.52	3	134	H
			* 2.4835	49.8	RMS	29	-40.1	2.46	41.16	54	-12.84	-	-	3	134	H
			2.554803	63.11	Pk	29.4	-39.98	0	52.53	-	-	-	-	3	134	H
			2.562801	50.94	RMS	29.5	-39.9	2.46	43	-	-	-	-	3	134	H
			* 2.4835	61.33	Pk	29	-40.1	0	50.23	-	-	74	-23.77	299	296	V
			* 2.4835	50.14	RMS	29	-40.1	2.46	41.5	54	-12.5	-	-	299	296	V
			2.541952	50.9	RMS	29.4	-40	2.46	42.76	-	-	-	-	299	296	V
			2.550153	62.88	Pk	29.4	-40	0	52.28	-	-	-	-	299	296	V
HDT2	2476	4	* 2.4835	71.31	Pk	29	-40.1	0	60.21	-	-	74	-13.79	262	146	H
			* 2.483579	71.47	Pk	29	-40.1	0	60.37	-	-	74	-13.63	262	146	H
			* 2.4835	60.37	RMS	29	-40.1	0.16	49.43	54	-4.57	-	-	262	146	H
			* 2.483512	60.36	RMS	29	-40.1	0.16	49.42	54	-4.58	-	-	262	146	H
			* 2.4835	65.65	Pk	29	-40.1	0	54.55	-	-	74	-19.45	249	311	V
			* 2.483512	65.1	Pk	29	-40.1	0	54	-	-	74	-20	249	311	V
			* 2.4835	54.42	RMS	29	-40.1	0.16	43.48	54	-10.52	-	-	249	311	V
			* 2.483566	54.86	RMS	29	-40.1	0.16	43.92	54	-10.08	-	-	249	311	V
		3	* 2.4835	68.5	Pk	29	-40.1	0	57.4	-	-	74	-16.6	3	226	H
			* 2.483539	69.3	Pk	29	-40.1	0	58.2	-	-	74	-15.8	3	226	H
			* 2.4835	58.99	RMS	29	-40.1	0.16	48.05	54	-5.95	-	-	3	226	H
			* 2.483552	59.09	RMS	29	-40.1	0.16	48.15	54	-5.85	-	-	3	226	H
			* 2.4835	66.09	Pk	29	-40.1	0	54.99	-	-	74	-19.01	307	245	V
			* 2.485016	67.07	Pk	29	-40.1	0	55.97	-	-	74	-18.03	307	245	V
			* 2.4835	57.15	RMS	29	-40.1	0.16	46.21	54	-7.79	-	-	307	245	V
			* 2.483512	57.37	RMS	29	-40.1	0.16	46.43	54	-7.57	-	-	307	245	V

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

Pk - Peak detector

RMS - RMS detection

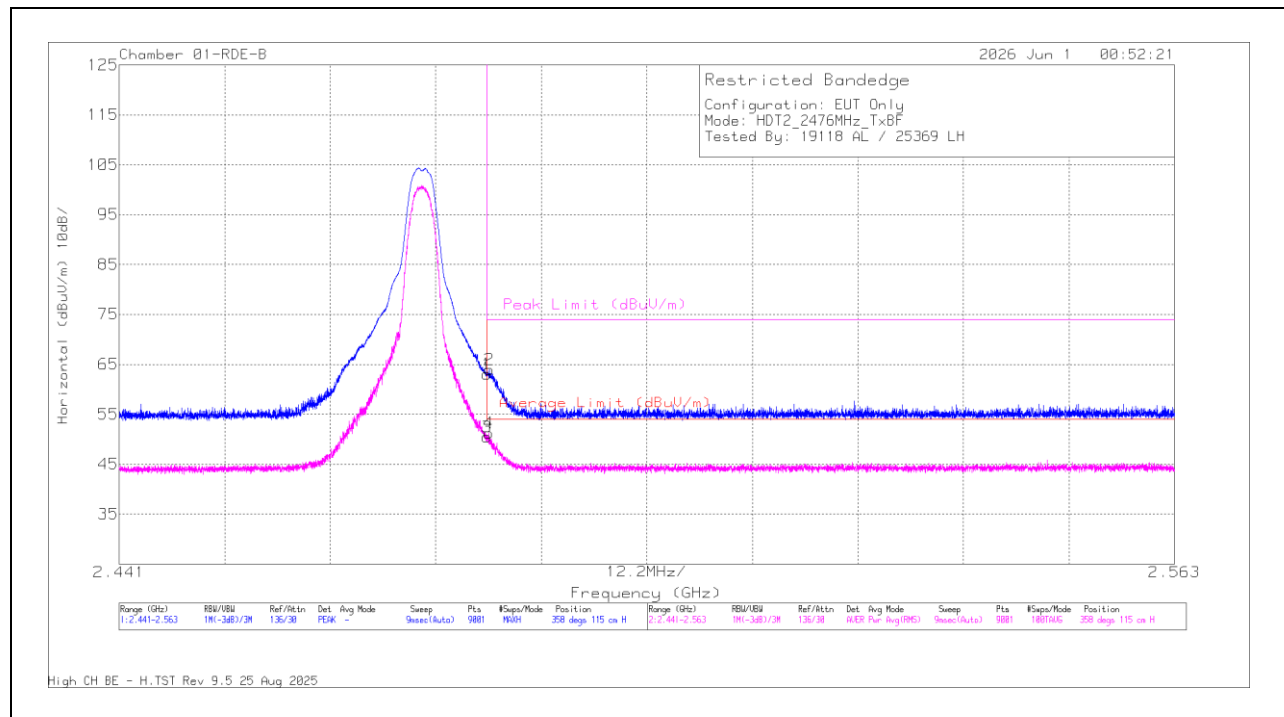
9.1.21. HIGH BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cb/ Fitr/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
LELR8	2480	4+3	* 2.4835	61.06	Pk	32.4	-38.32	0	55.14	-	-	74	-18.86	318	378	H
			2.525481	63.73	Pk	32.5	-38.21	0	58.02	-	-	-	-	318	378	H
			* 2.4835	50.7	RMS	32.4	-38.32	0.11	44.89	54	-9.11	-	-	318	378	H
			2.520804	50.86	RMS	32.5	-38.21	0.11	45.26	-	-	-	-	318	378	H
			* 2.4835	61.65	Pk	32.4	-38.32	0	55.73	-	-	74	-18.27	242	384	V
			2.522932	63.34	Pk	32.5	-38.21	0	57.63	-	-	-	-	242	384	V
			* 2.4835	50.25	RMS	32.4	-38.32	0.11	44.44	54	-9.56	-	-	242	384	V
			2.55365	50.9	RMS	32.5	-38.07	0.11	45.44	-	-	-	-	242	384	V
LE1M	2480	4+3	* 2.4835	61.15	Pk	32.4	-38.32	0	55.23	-	-	74	-18.77	209	114	H
			2.52723	62.88	Pk	32.5	-38.18	0	57.2	-	-	-	-	209	114	H
			* 2.4835	50.42	RMS	32.4	-38.32	0.72	45.22	54	-8.78	-	-	209	114	H
			2.546127	50.91	RMS	32.5	-38.13	0.72	46	-	-	-	-	209	114	H
			* 2.4835	61.36	Pk	32.4	-38.32	0	55.44	-	-	74	-18.56	220	379	V
			2.515721	63.06	Pk	32.5	-38.22	0	57.34	-	-	-	-	220	379	V
			* 2.4835	50.17	RMS	32.4	-38.32	0.72	44.97	54	-9.03	-	-	220	379	V
			* 2.492038	51.07	RMS	32.4	-38.28	0.72	45.91	54	-8.09	-	-	220	379	V
LE2M	2478	4+3	* 2.4835	61.1	Pk	32.4	-38.32	0	55.18	-	-	74	-18.82	317	377	H
			2.52281	63.17	Pk	32.5	-38.21	0	57.46	-	-	-	-	317	377	H
			* 2.4835	49.59	RMS	32.4	-38.32	2.46	46.13	54	-7.87	-	-	317	377	H
			2.501324	51.08	RMS	32.5	-38.27	2.46	47.77	-	-	-	-	317	377	H
			* 2.4835	60.65	Pk	32.4	-38.32	0	54.73	-	-	74	-19.27	240	385	V
			2.515206	63.17	Pk	32.5	-38.23	0	57.44	-	-	-	-	240	385	V
			* 2.4835	49.91	RMS	32.4	-38.32	2.46	46.45	54	-7.55	-	-	240	385	V
			2.533018	50.93	RMS	32.5	-38.19	2.46	47.7	-	-	-	-	240	385	V
HDT2	2476	4+3	* 2.4835	69.01	Pk	32.4	-38.32	0	63.09	-	-	74	-10.91	358	115	H
			* 2.483823	69.91	Pk	32.4	-38.32	0	63.99	-	-	74	-10.01	358	115	H
			* 2.4835	56.19	RMS	32.4	-38.32	0.16	50.43	54	-3.57	-	-	358	115	H
			* 2.483715	56.99	RMS	32.4	-38.32	0.16	51.23	54	-2.77	-	-	358	115	H
			* 2.4835	66.72	Pk	32.4	-38.32	0	60.8	-	-	74	-13.2	234	379	V
			* 2.483796	67.78	Pk	32.4	-38.32	0	61.86	-	-	74	-12.14	234	379	V
			* 2.4835	54.03	RMS	32.4	-38.32	0.16	48.27	54	-5.73	-	-	234	379	V
			* 2.483512	54.89	RMS	32.4	-38.32	0.16	49.13	54	-4.87	-	-	234	379	V

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

Pk - Peak detector

RMS - RMS detection

9.1.22. HIGH BAND EDGE – WORST-CASE**HDT2 / 2476 MHz / LOW POWER / MIMO TXBF****HORIZONTAL RESULT****MEASURED DATA**

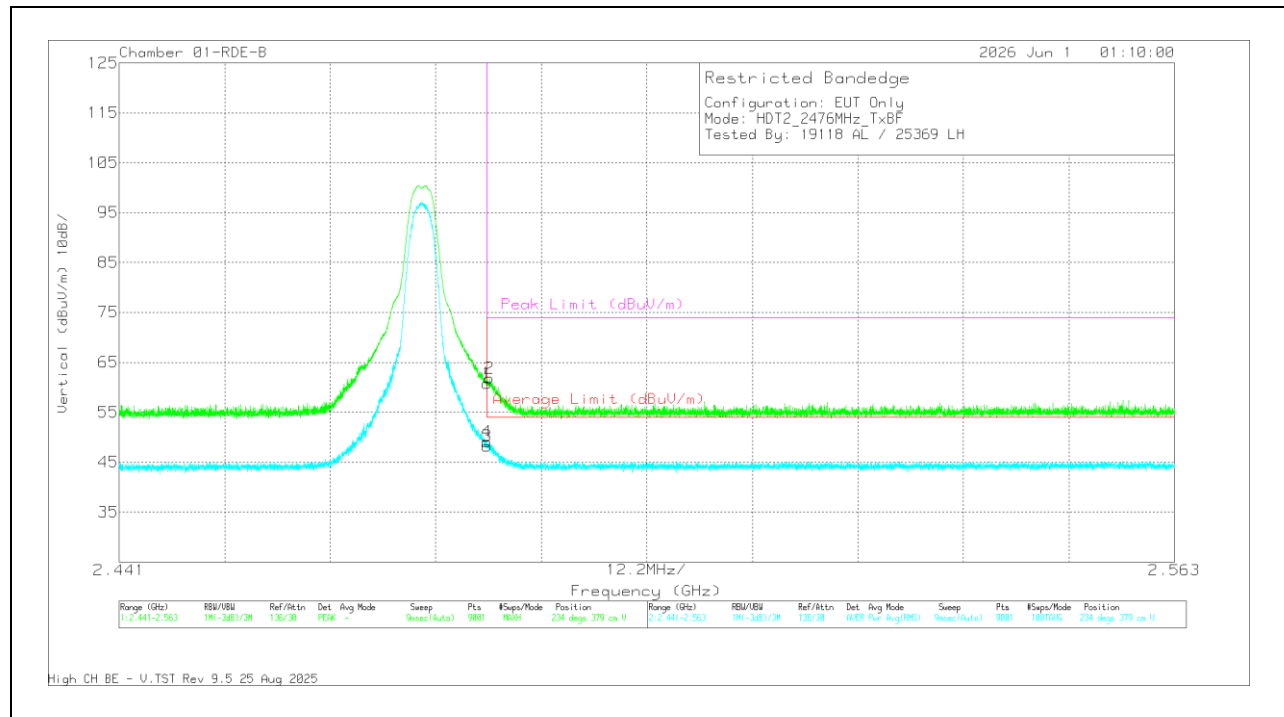
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Gain/Loss (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	69.01	Pk	32.4	-38.32	0	63.09	-	-	74	-10.91	358	115	H
2	* 2.483823	69.91	Pk	32.4	-38.32	0	63.99	-	-	74	-10.01	358	115	H
3	* 2.4835	56.19	RMS	32.4	-38.32	.16	50.43	54	-3.57	-	-	358	115	H
4	* 2.483715	56.99	RMS	32.4	-38.32	.16	51.23	54	-2.77	-	-	358	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200896 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	* 2.4835	66.72	Pk	32.4	-38.32	0	60.8	-	-	74	-13.2	234	379	V
2	* 2.483796	67.78	Pk	32.4	-38.32	0	61.86	-	-	74	-12.14	234	379	V
3	* 2.4835	54.03	RMS	32.4	-38.32	.16	48.27	54	-5.73	-	-	234	379	V
4	* 2.483512	54.89	RMS	32.4	-38.32	.16	49.13	54	-4.87	-	-	234	379	V

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

Pk - Peak detector

RMS - RMS detection

9.1.23. SPURIOUS EMISSIONS – HIGH POWER – MIMO TXBF

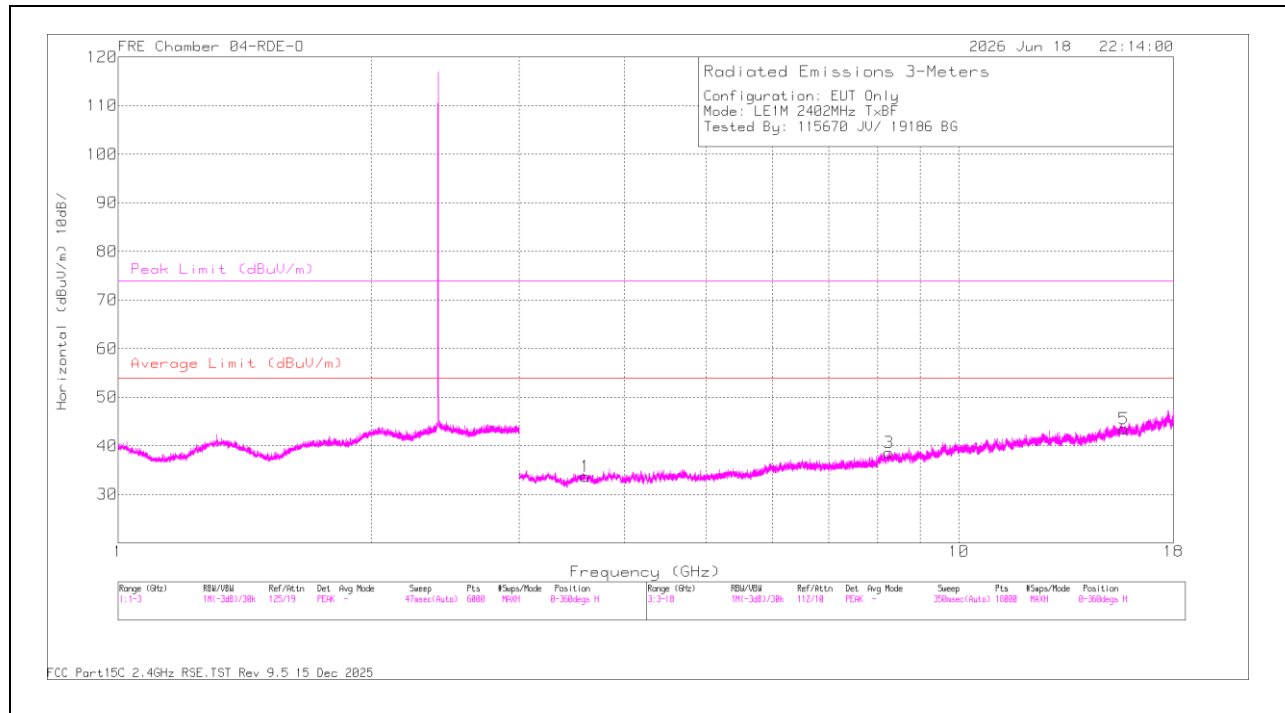
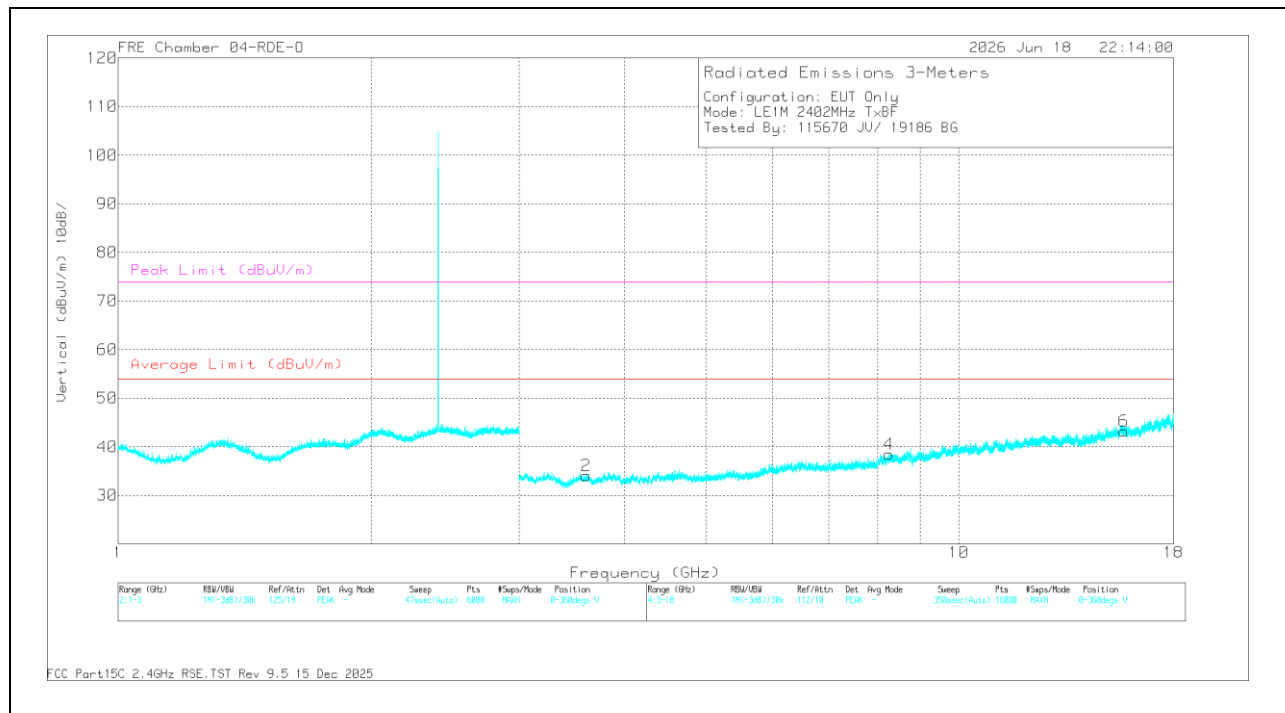
Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4 + 3	* 12.27762	41.31	MAv1	38.9	-40.7	0.11	39.62	54	-14.38	-	-	360	200	V
			* 12.277669	41.37	MAv1	38.9	-40.7	0.11	39.68	54	-14.32	-	-	360	200	H
			* 12.299491	53.13	PK2	38.8	-41.05	0	50.88	-	-	74	-23.12	360	200	V
			* 12.303149	53	PK2	38.8	-41.09	0	50.71	-	-	74	-23.29	360	200	H
			* 3.736711	43.69	MAv1	33.3	-44.7	0.11	32.4	54	-21.6	-	-	360	101	H
			* 3.741617	55.91	PK2	33.3	-44.8	0	44.41	-	-	74	-29.59	360	200	V
			* 3.744035	56.15	PK2	33.4	-44.7	0	44.85	-	-	74	-29.15	360	101	H
			* 3.753724	44.35	MAv1	33.4	-44.7	0.11	33.16	54	-20.84	-	-	360	200	V
			* 3.740986	53.74	PK2	35.5	-43.41	0	45.83	-	-	74	-28.17	360	200	V
			* 3.746575	42.45	MAv1	35.5	-43.4	0.11	34.66	54	-19.34	-	-	360	200	V
			* 3.755757	42.06	MAv1	35.5	-43.4	0.11	34.27	54	-19.73	-	-	360	200	H
			* 3.756193	53.65	PK2	35.5	-43.4	0	45.75	-	-	74	-28.25	360	200	H
	2440	4 + 3	* 11.340566	41.97	MAv1	38.1	-41.4	0.11	38.78	54	-15.22	-	-	360	101	H
			* 11.35109	54.01	PK2	38.1	-41.6	0	50.51	-	-	74	-23.49	360	101	H
			* 11.355324	41.95	MAv1	38.1	-41.7	0.11	38.46	54	-15.54	-	-	360	101	V
			* 11.377137	53.89	PK2	38.1	-41.79	0	50.2	-	-	74	-23.8	360	101	V
			* 3.72235	55.22	PK2	33.3	-44.7	0	43.82	-	-	74	-30.18	360	200	H
			* 3.738892	43.74	MAv1	33.3	-44.79	0.11	32.36	54	-21.64	-	-	360	101	V
			* 3.74595	55.53	PK2	33.4	-44.7	0	44.23	-	-	74	-29.77	360	101	V
			* 3.75335	43.68	MAv1	33.4	-44.7	0.11	32.49	54	-21.51	-	-	360	200	H
			* 3.7406643	53.37	PK2	35.6	-43.3	0	45.67	-	-	74	-28.33	360	101	H
			* 3.7407243	41.81	MAv1	35.6	-43.28	0.11	34.24	54	-19.76	-	-	360	101	H
			* 3.7412223	53.22	PK2	35.6	-43.3	0	45.52	-	-	74	-28.48	360	200	V
			* 3.7420836	41.73	MAv1	35.6	-43.3	0.11	34.14	54	-19.86	-	-	360	200	V
	2480	4 + 3	* 4.098858	56.54	PK2	33.4	-45.8	0	44.14	-	-	74	-29.86	2	200	V
			* 4.111031	44.55	MAv1	33.4	-45.6	0.11	32.46	54	-21.54	-	-	2	200	V
			* 4.112007	56.51	PK2	33.4	-45.6	0	44.31	-	-	74	-29.69	2	101	H
			* 4.115567	44.5	MAv1	33.4	-45.7	0.11	32.31	54	-21.69	-	-	2	101	H
			* 3.7523818	41.97	MAv1	35.7	-43	0.11	34.78	54	-19.22	-	-	2	199	H
			* 3.7527418	53.58	PK2	35.7	-42.96	0	46.32	-	-	74	-27.68	2	199	H
			* 3.7527476	53.8	PK2	35.7	-42.95	0	46.55	-	-	74	-27.45	2	200	V
			* 3.753636	41.85	MAv1	35.7	-43.1	0.11	34.56	54	-19.44	-	-	2	200	V
			10.213018	42.48	MAv1	37.7	-41.7	0.11	38.59	-	-	-	-	2	101	V
			10.217123	54.19	PK2	37.7	-41.7	0	50.19	-	-	-	-	2	101	H
			10.239196	54.45	PK2	37.7	-41.8	0	50.35	-	-	-	-	2	101	V
			10.251981	42.36	MAv1	37.7	-41.9	0.11	38.27	-	-	-	-	2	101	H
	2402	4 + 3	* 15.726496	52.86	PK2	40.2	-39.11	0	53.95	-	-	74	-20.05	0	100	H
			* 15.728754	41.18	MAv1	40.2	-39.08	0.72	43.02	54	-10.98	-	-	0	100	H
			* 15.715885	53.03	PK2	40.2	-39.29	0	53.94	-	-	74	-20.06	0	200	V
			* 15.732392	41.07	MAv1	40.2	-39.14	0.72	42.85	54	-11.15	-	-	0	200	V
			* 3.582158	55.78	PK2	33	-44.49	0	44.29	-	-	74	-29.71	0	201	V
			* 3.586096	43.86	MAv1	33	-44.35	0.72	33.23	54	-20.77	-	-	0	201	V
			* 3.588149	44.03	MAv1	33	-44.35	0.72	33.4	54	-20.6	-	-	0	100	H
			* 3.597674	55.57	PK2	33	-44.32	0	44.25	-	-	74	-29.75	0	100	H
			* 8.241472	54.07	PK2	35.8	-40.83	0	49.04	-	-	74	-24.96	0	100	H
			* 8.267072	41.51	MAv1	35.8	-40.68	0.72	37.35	54	-16.65	-	-	0	100	H
			* 8.244261	53.39	PK2	35.8	-40.86	0	48.33	-	-	74	-25.67	0	200	V
			* 8.265866	41.55	MAv1	35.8	-40.67	0.72	37.4	54	-16.6	-	-	0	200	V
		4 + 3	* 15.673497	52.54	PK2	40.2	-39.6	0	53.14	-	-	74	-20.86	360	200	V
			* 15.679013	53.41	PK2	40.2	-39.67	0	53.94	-	-	74	-20.06	360	100	H
			* 15.688737	41.17	MAv1	40.2	-39.5	0.72	42.59	54	-11.41	-	-	360	100	H
			* 15.70616	40.96	MAv1	40.2	-39.19	0.72	42.69	54	-11.31	-	-	360	200	V
			* 3.829306	55.69	PK2	33.3	-44.64	0	44.35	-	-	74	-29.65	360	100	H
			* 3.831541	44.25	MAv1	33.4	-44.6	0.72	33.77	54	-20.23	-	-	360	100	H
			* 3.833748	44.14	MAv1	33.4	-44.66	0.72	33.6	54	-20.4	-	-	360	201	V
			* 3.836961	55.97	PK2	33.4	-44.76	0	44.61	-	-	74	-29.39	360	201	V
			* 3.7428773	53.15	PK2	35.6	-41.68	0	47.07	-	-	74	-26.93	360	100	H
			* 3.7437862	41.2	MAv1	35.6	-41.71	0.72	35.81	54	-18.19	-	-	360	100	H
			* 3.7438754	53.23	PK2	35.6	-41.67	0	47.16	-	-	74	-26.84	360	200	V
			* 3.7448229	41.06	MAv1	35.6	-41.65	0.72	35.73	54	-18.27	-	-	360	200	V
	2480	4 + 3	* 15.777725	53.04	PK2	40.2	-39.13	0	54.11	-	-	74	-19.89	0	100	H
			* 15.791472	41.24	MAv1	40.2	-39.37	0.72	42.79	54	-11.21	-	-	0	100	H
			* 15.803981	53.48	PK2	40.2	-39.36	0	54.32	-	-	74	-19.68	0	200	V
			* 15.811012	40.83	MAv1	40.2	-39.38	0.72	42.37	54	-11.63	-	-	0	200	V
			* 3.745542	43.31	MAv1	33.2	-44.62	0.72	32.61	54	-21.39	-	-	0	201	V
			* 3.763755	55.1	PK2	33.3	-44.52	0	43.88	-	-	74	-30.12	0	201	V
			* 3.773087	55.46	PK2	33.3	-44.48	0	44.28	-	-	74	-29.72	0	100	H
			* 3.776278	43.58	MAv1	33.3	-44.44	0.72	33.16	54	-20.84	-	-	0	100	H
			* 8.249161	53.12	PK2	35.8	-40.92	0	48	-	-	74	-26	0	200	V
			* 8.254648	41.42	MAv1	35.8	-40.72	0.72	37.22	54	-16.78	-	-	0	100	H
			* 8.264414	41.41	MAv1	35.8	-40.68	0.72	37.25	54	-16.75	-	-	0	200	V
			* 8.275741	52.95	PK2	35.8	-40.52	0	48.23	-	-	74	-25.77	0	100	H

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)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	2404	4 + 3	* 11.922633	53.3	PK2	38.9	-41.2	0	51	-	-	74	-23	360	101	H
			* 11.924775	41.66	MAv1	38.9	-41.2	2.46	41.82	54	-12.18	-	-	360	101	H
			* 11.928524	54.04	PK2	39	-41.2	0	51.84	-	-	74	-22.16	360	101	V
			* 11.938288	41.9	MAv1	39	-41.2	2.46	42.16	54	-11.84	-	-	360	101	V
			* 3.677625	43.91	MAv1	33.2	-44.9	2.46	34.67	54	-19.33	-	-	360	101	V
			* 3.678125	44.2	MAv1	33.2	-44.9	2.46	34.96	54	-19.04	-	-	360	200	H
			* 3.67994	56.04	PK2	33.2	-44.99	0	44.25	-	-	74	-29.75	360	101	V
			* 3.685333	56.4	PK2	33.2	-44.97	0	44.63	-	-	74	-29.37	360	200	H
			* 7.311907	41.92	MAv1	35.5	-43.5	2.46	36.38	54	-17.62	-	-	360	200	V
			* 7.31964	53.75	PK2	35.5	-43.4	0	45.85	-	-	74	-28.15	360	200	V
			* 7.327964	53.97	PK2	35.5	-43.5	0	45.97	-	-	74	-28.03	360	200	H
			* 7.340449	41.76	MAv1	35.5	-43.46	2.46	36.26	54	-17.74	-	-	360	200	H
	2440	4 + 3	* 11.577812	41.96	MAv1	38.4	-41.7	2.46	41.12	54	-12.88	-	-	360	101	H
			* 11.581555	53.98	PK2	38.4	-41.6	0	50.78	-	-	74	-23.22	360	101	H
			* 11.584595	41.79	MAv1	38.4	-41.54	2.46	41.11	54	-12.89	-	-	360	101	V
			* 11.593346	53.91	PK2	38.4	-41.4	0	50.91	-	-	74	-23.09	360	101	V
			* 3.708583	55.72	PK2	33.2	-44.84	0	44.08	-	-	74	-29.92	360	200	V
			* 3.710096	43.61	MAv1	33.2	-44.79	2.46	34.48	54	-19.52	-	-	360	200	H
			* 3.723223	43.76	MAv1	33.3	-44.7	2.46	34.82	54	-19.18	-	-	360	200	V
			* 3.736181	55.88	PK2	33.3	-44.7	0	44.48	-	-	74	-29.52	360	200	H
			* 7.542511	41.47	MAv1	35.7	-42.95	2.46	36.68	54	-17.32	-	-	360	200	V
			* 7.546871	53.53	PK2	35.7	-42.9	0	46.33	-	-	74	-27.67	360	200	V
			* 7.560267	53.78	PK2	35.6	-42.8	0	46.58	-	-	74	-27.42	360	200	H
			* 7.570578	41.23	MAv1	35.7	-42.8	2.46	36.59	54	-17.41	-	-	360	200	H
	2478	4 + 3	* 11.740174	41.98	MAv1	38.7	-41.6	2.46	41.54	54	-12.46	-	-	360	200	V
			* 11.74284	53.7	PK2	38.7	-41.6	0	50.8	-	-	74	-23.2	360	200	V
			* 11.760047	53.78	PK2	38.7	-41.6	0	50.88	-	-	74	-23.12	360	200	H
			* 11.761221	41.95	MAv1	38.7	-41.6	2.46	41.51	54	-12.49	-	-	360	200	H
			* 3.687051	55.92	PK2	33.2	-44.91	0	44.21	-	-	74	-29.79	360	200	H
			* 3.688233	44.16	MAv1	33.2	-45	2.46	34.82	54	-19.18	-	-	360	200	H
			* 3.693953	43.97	MAv1	33.2	-45	2.46	34.63	54	-19.37	-	-	360	200	V
			* 3.704233	55.8	PK2	33.2	-44.8	0	44.2	-	-	74	-29.8	360	200	V
			* 7.311424	54.09	PK2	35.5	-43.5	0	46.09	-	-	74	-27.91	360	101	H
			* 7.314253	41.78	MAv1	35.5	-43.47	2.46	36.27	54	-17.73	-	-	360	200	V
			* 7.32124	53.8	PK2	35.5	-43.42	0	45.88	-	-	74	-28.12	360	200	V
			* 7.339389	41.88	MAv1	35.5	-43.5	2.46	36.34	54	-17.66	-	-	360	101	H
HDT2	2404	4 + 3	* 11.882136	53.41	PK2	38.9	-41.4	0	50.91	-	-	74	-23.09	360	101	H
			* 11.908796	41.9	MAv1	38.9	-41.1	0.16	39.86	54	-14.14	-	-	360	101	V
			* 11.910981	41.8	MAv1	38.9	-41.1	0.16	39.76	54	-14.24	-	-	360	101	H
			* 11.914872	54.49	PK2	38.9	-41.1	0	52.29	-	-	74	-21.71	360	101	V
			* 3.679523	44.14	MAv1	33.2	-44.95	0.16	32.55	54	-21.45	-	-	360	200	V
			* 3.679735	55.76	PK2	33.2	-44.97	0	43.99	-	-	74	-30.01	360	200	H
			* 3.691728	56.11	PK2	33.2	-45	0	44.31	-	-	74	-29.69	360	200	V
			* 3.692241	44.25	MAv1	33.2	-45	0.16	32.61	54	-21.39	-	-	360	200	H
			* 7.458239	41.52	MAv1	35.6	-43	0.16	34.28	54	-19.72	-	-	360	101	H
			* 7.46676	53.3	PK2	35.6	-43	0	45.9	-	-	74	-28.1	360	200	V
			* 7.469302	41.44	MAv1	35.6	-43	0.16	34.2	54	-19.8	-	-	360	200	V
			* 7.491079	53.54	PK2	35.6	-43.1	0	46.04	-	-	74	-27.96	360	101	H
	2440	4 + 3	* 12.025591	53.48	PK2	39	-40.96	0	51.52	-	-	74	-22.48	360	200	V
			* 12.032402	54.2	PK2	39	-41.1	0	52.1	-	-	74	-21.9	360	200	H
			* 12.036911	42.07	MAv1	39	-41.1	0.16	40.13	54	-13.87	-	-	360	200	V
			* 12.037402	42.21	MAv1	39	-41.1	0.16	40.27	54	-13.73	-	-	360	200	H
			* 3.67871	44.16	MAv1	33.2	-44.9	0.16	32.62	54	-21.38	-	-	360	101	H
			* 3.68129	44.05	MAv1	33.2	-45.03	0.16	32.38	54	-21.62	-	-	360	101	V
			* 3.682726	56	PK2	33.2	-45.03	0	44.17	-	-	74	-29.83	360	101	V
			* 3.684123	55.87	PK2	33.2	-45	0	44.07	-	-	74	-29.93	360	101	H
			* 7.43726	53.79	PK2	35.6	-43.2	0	46.19	-	-	74	-27.81	360	200	H
			* 7.457283	41.84	MAv1	35.6	-43	0.16	34.6	54	-19.4	-	-	360	200	H
			* 7.45926	53.29	PK2	35.6	-43	0	45.89	-	-	74	-28.11	360	200	V
			* 7.462514	41.6	MAv1	35.7	-43	0.16	34.46	54	-19.54	-	-	360	200	V
	2476	4 + 3	* 15.77902	52.97	PK2	40.2	-39.14	0	54.03	-	-	74	-19.97	0	200	V
			* 15.789624	41.09	MAv1	40.2	-39.38	0.16	42.07	54	-11.93	-	-	0	200	V
			* 15.790546	41.33	MAv1	40.2	-39.37	0.16	42.32	54	-11.68	-	-	0	100	H
			* 15.792249	53.03	PK2	40.2	-39.38	0	53.85	-	-	74	-20.15	0	100	H
			* 3.775826	55.49	PK2	33.3	-44.43	0	44.36	-	-	74	-29.64	0	201	V
			* 3.786746	55.87	PK2	33.3	-44.74	0	44.43	-	-	74	-29.57	0	100	H
			* 3.80148	43.84	MAv1	33.3	-44.67	0.16	32.63	54	-21.37	-	-	0	201	V
			* 3.804057	43.96	MAv1	33.3	-44.63	0.16	32.79	54	-21.21	-	-	0	100	H
			* 8.262474	53.01	PK2	35.8	-40.66	0	48.15	-	-	74	-25.85	0	100	H
			* 8.26923	41.77	MAv1	35.8	-40.63	0.16	37.1	54	-16.9	-	-	0	100	H
			* 8.271777	41.34	MAv1	35.8	-40.61	0.16	36.69	54	-17.31	-	-	0	200	V
			* 8.274759	52.99	PK2	35.8	-40.57	0	48.22	-	-	74	-25.78	0	200	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.24. SPURIOUS EMISSIONS – WORST-CASE**BLE1M / 2402 MHz / HIGH POWER / MIMO TXBF****HORIZONTAL RESULT****VERTICAL RESULT**

MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 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
5	* 15.726496	52.86	PK2	40.2	0	-39.11	53.95	-	-	74	-20.05	0	100	H
	* 15.728754	41.18	MAv1	40.2	.72	-39.08	43.02	54	-10.98	-	-	0	100	H
6	* 15.715885	53.03	PK2	40.2	0	-39.29	53.94	-	-	74	-20.06	0	200	V
	* 15.732392	41.07	MAv1	40.2	.72	-39.14	42.85	54	-11.15	-	-	0	200	V
2	* 3.582158	55.78	PK2	33	0	-44.49	44.29	-	-	74	-29.71	0	201	V
	* 3.586096	43.86	MAv1	33	.72	-44.35	33.23	54	-20.77	-	-	0	201	V
1	* 3.588149	44.03	MAv1	33	.72	-44.35	33.4	54	-20.6	-	-	0	100	H
	* 3.597674	55.57	PK2	33	0	-44.32	44.25	-	-	74	-29.75	0	100	H
3	* 8.241472	54.07	PK2	35.8	0	-40.83	49.04	-	-	74	-24.96	0	100	H
	* 8.267072	41.51	MAv1	35.8	.72	-40.68	37.35	54	-16.65	-	-	0	100	H
4	* 8.244261	53.39	PK2	35.8	0	-40.86	48.33	-	-	74	-25.67	0	200	V
	* 8.265866	41.55	MAv1	35.8	.72	-40.67	37.4	54	-16.6	-	-	0	200	V

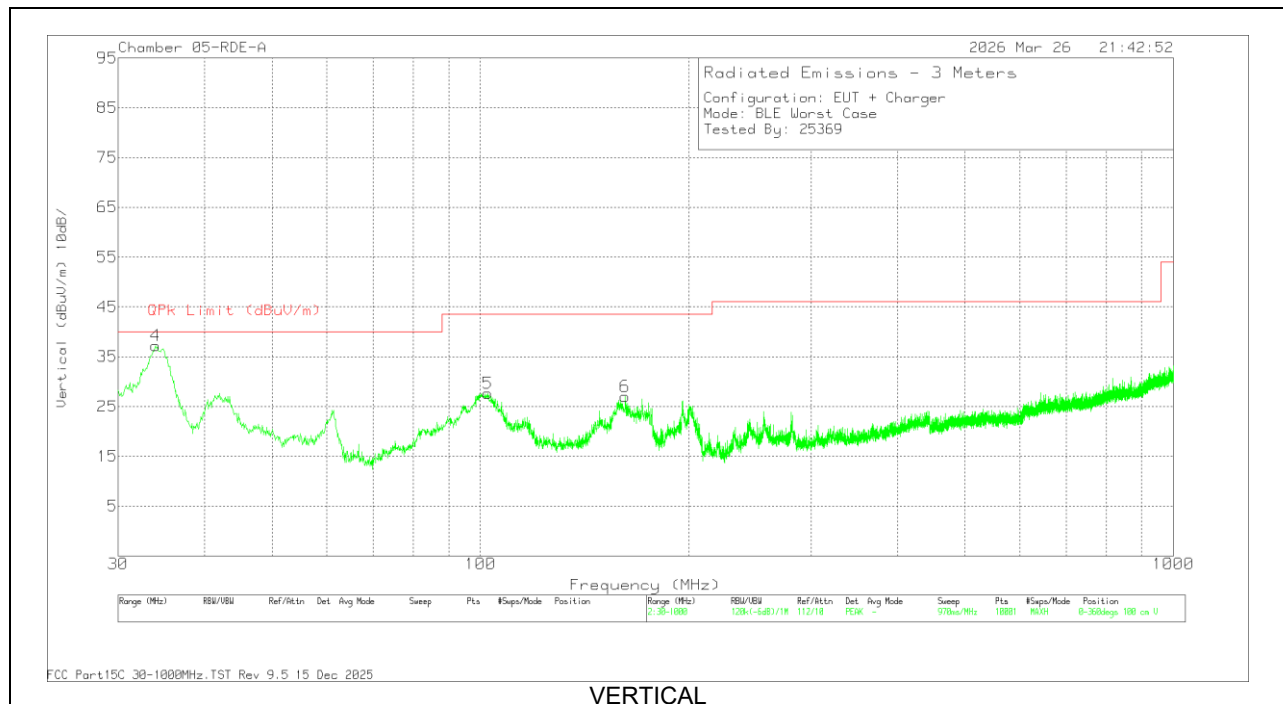
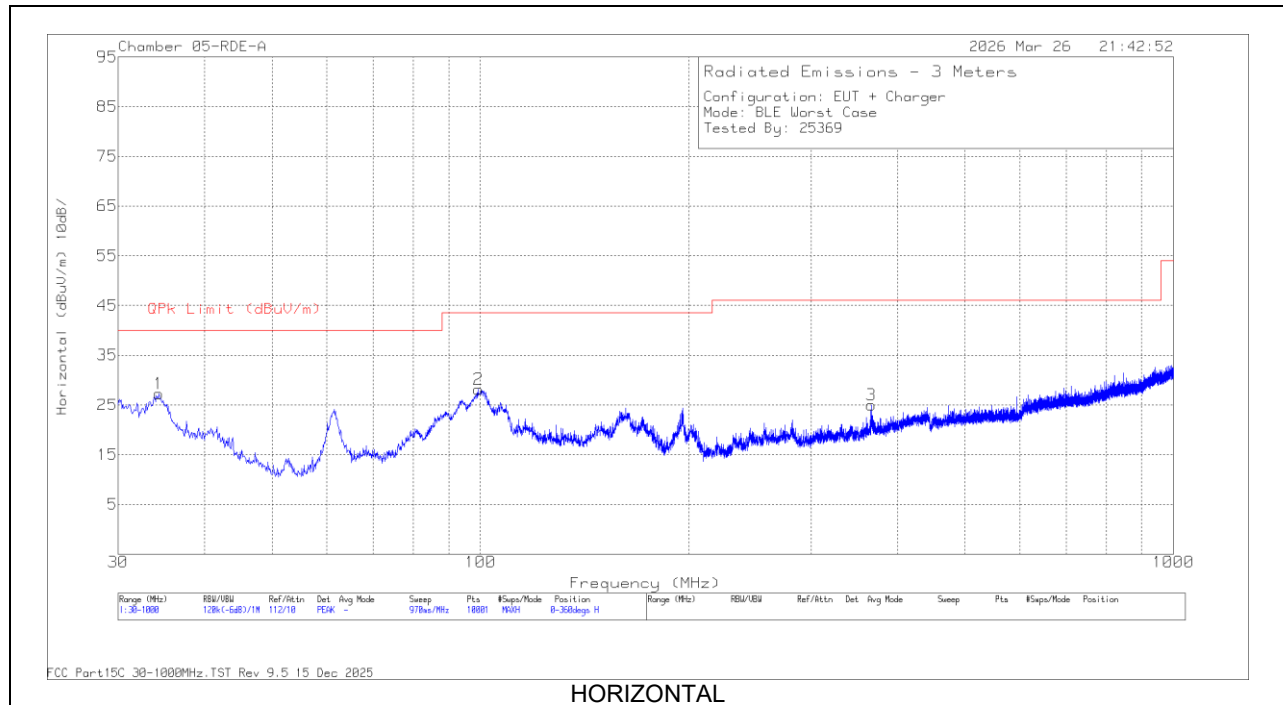
* - indicates frequency in 47 CFR Part 15/ IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

9.2. 30 MHz - 1 GHz – WORST-CASE

SPURIOUS EMISSIONS



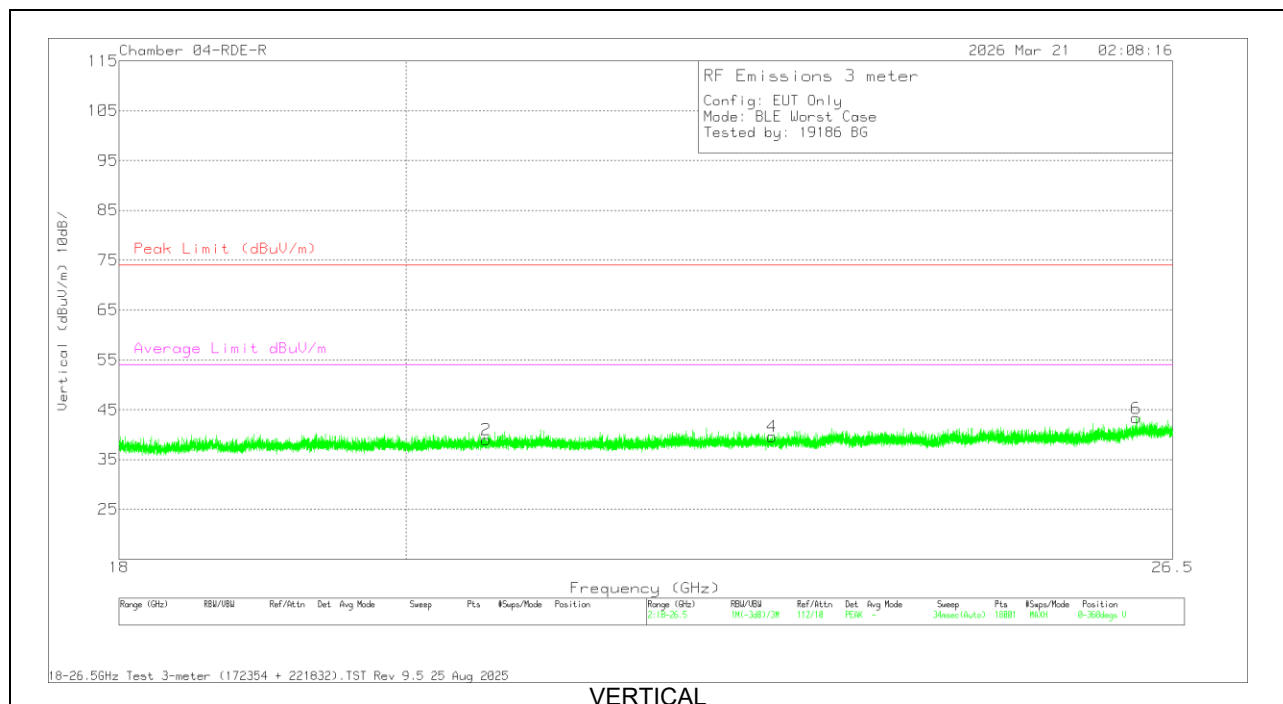
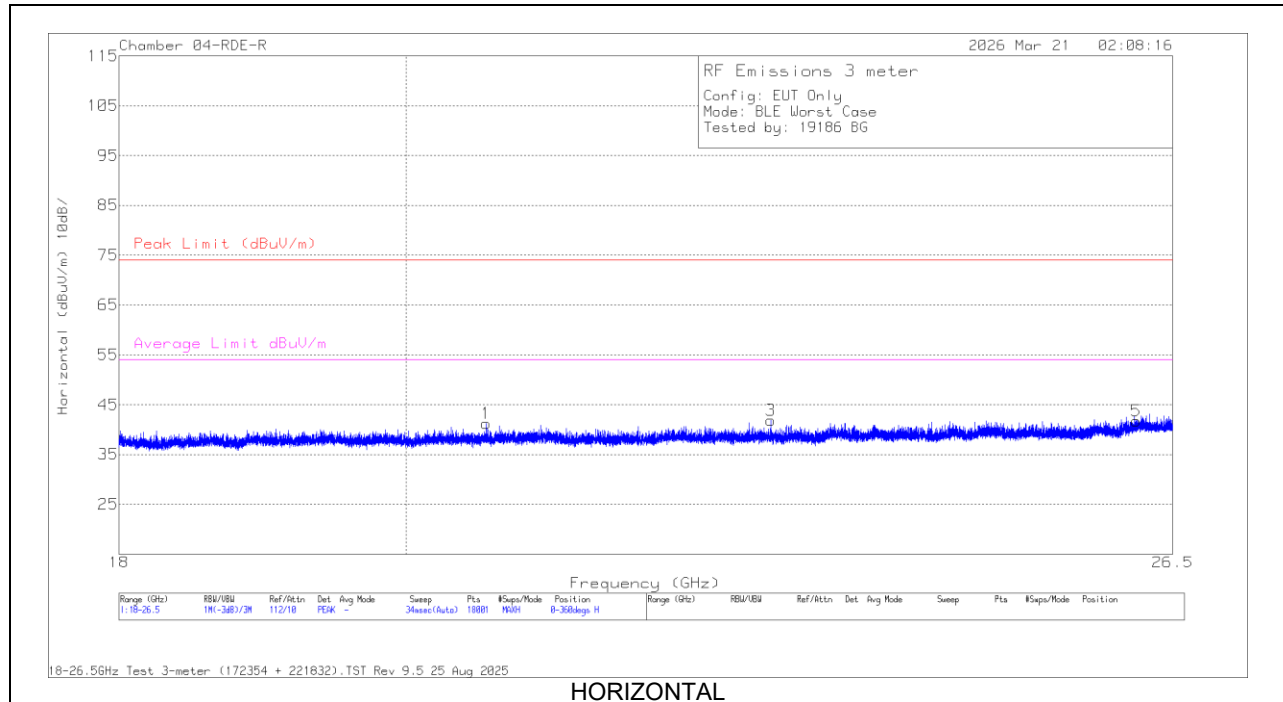
MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	204045 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	34.1945	41.92	Qp	24	-32.3	33.62	40	-6.38	96	105	V
1	34.463	29.19	Qp	23.8	-32.3	20.69	40	-19.31	353	110	H
2	99.5177	33.68	Qp	16.2	-31.7	18.18	43.52	-25.34	139	304	H
5	102.015	32.39	Qp	16.9	-31.7	17.59	43.52	-25.93	51	112	V
6	161.63	32.83	Qp	18.2	-31.4	19.63	43.52	-23.89	330	101	V
3	367.208	29.12	Qp	20.8	-30.6	19.32	46.02	-26.7	89	112	H

Qp - Quasi-Peak detector

9.3. 18 GHz - 26 GHz – WORST-CASE

SPURIOUS EMISSIONS



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172354 3m AF (dB/m)	18-26GHz Amp	Cables (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 20.59450	52.92	PK2	32.8	-61.3	16.7	0	41.12	74	-32.88	-	-	360	100	V
	* 20.59458	41.47	MAv1	32.8	-61.3	16.7	0.72	30.39	-	-	54	-23.61	360	100	V
3	* 20.59590	41.65	MAv1	32.8	-61.3	16.7	0.72	30.57	-	-	54	-23.43	360	100	H
	* 20.59775	53.24	PK2	32.8	-61.3	16.7	0	41.44	74	-32.56	-	-	360	100	H
5	* 22.86572	41.71	MAv1	33.2	-62.2	17.6	0.72	31.03	-	-	54	-22.97	360	100	H
	* 22.86591	53.03	PK2	33.2	-62.2	17.6	0	41.63	74	-32.37	-	-	360	100	H
2	* 22.87591	53.02	PK2	33.2	-62.2	17.6	0	41.62	74	-32.38	-	-	360	100	V
	* 22.8761	41.47	MAv1	33.2	-62.2	17.6	0.72	30.79	-	-	54	-23.21	360	100	V
4	26.145832	40.05	MAv1	34.1	-61.1	19	0.72	32.77	-	-	-	-	360	100	V
	26.147715	51.91	PK2	34.1	-61.1	19	0	43.91	-	-	-	-	360	100	V
6	26.148363	40.29	MAv1	34.1	-61.1	19	0.72	33.01	-	-	-	-	360	100	H
	26.151435	51.63	PK2	34.1	-61.1	19	0	43.63	-	-	-	-	360	100	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

ANSI C63.10, Subclause 6.2

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

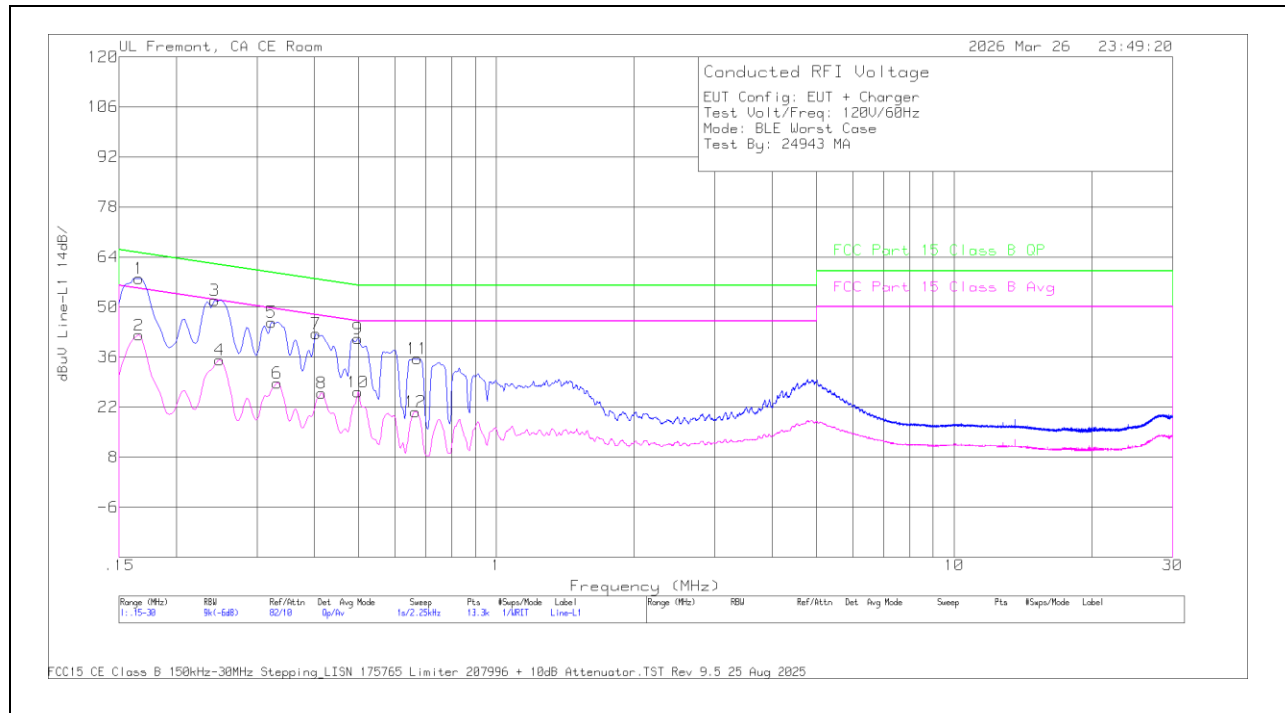
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

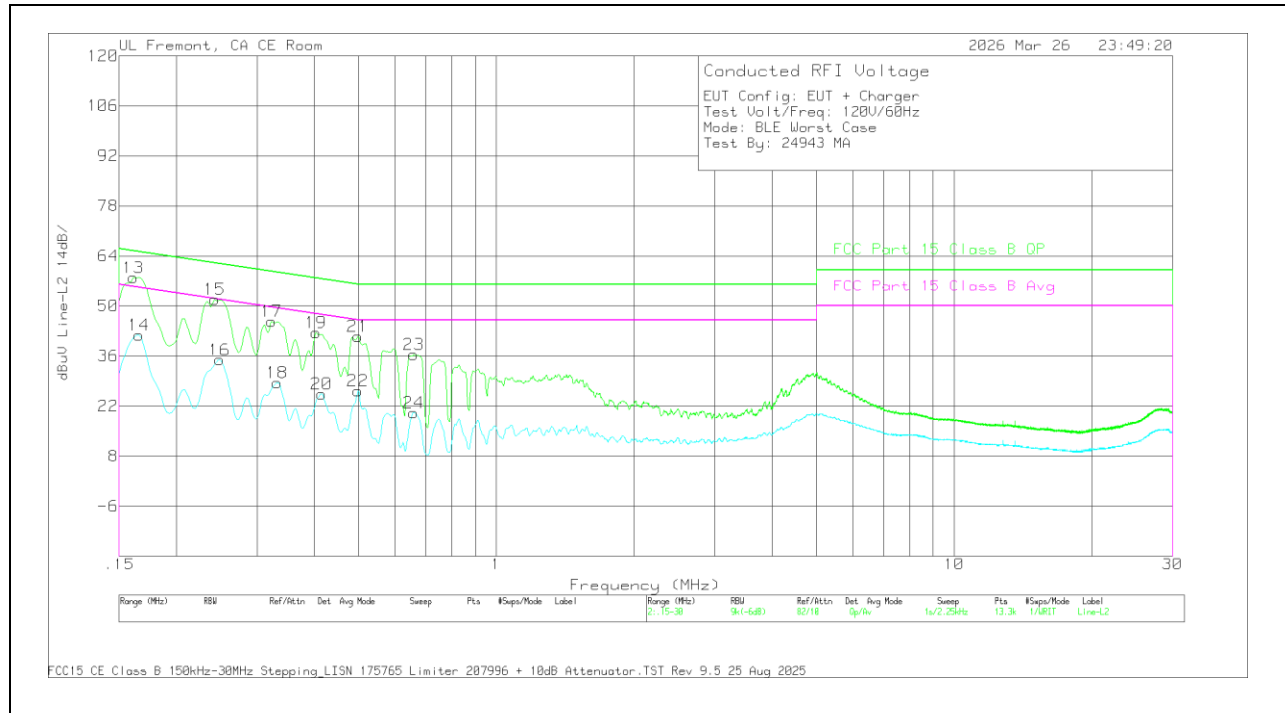


MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Line 1 C3_C1_plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
2	.1658	22.72	Av	.1	9.4	9.9	42.12	-	-	55.17	-13.05
4	.249	15.93	Av	0	9.4	9.9	35.23	-	-	51.79	-16.56
6	.3323	9.51	Av	0	9.3	9.9	28.71	-	-	49.39	-20.68
8	.4155	6.64	Av	0	9.3	9.9	25.84	-	-	47.54	-21.7
10	.4988	6.98	Av	0	9.3	9.9	26.18	-	-	46.02	-19.84
12	.6664	1.31	Av	0	9.4	10	20.71	-	-	46	-25.29
1	.1658	38.63	Qp	.1	9.4	9.9	58.03	65.17	-7.14	-	-
3	.2423	32.61	Qp	0	9.4	9.9	51.91	62.02	-10.11	-	-
5	.3233	26.45	Qp	0	9.4	9.9	45.75	59.62	-13.87	-	-
7	.4043	23.32	Qp	0	9.3	9.9	42.52	57.77	-15.25	-	-
9	.4988	21.98	Qp	0	9.3	9.9	41.18	56.02	-14.84	-	-
11	.672	16.14	Qp	0	9.4	10	35.54	56	-20.46	-	-

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS**MEASURED DATA**

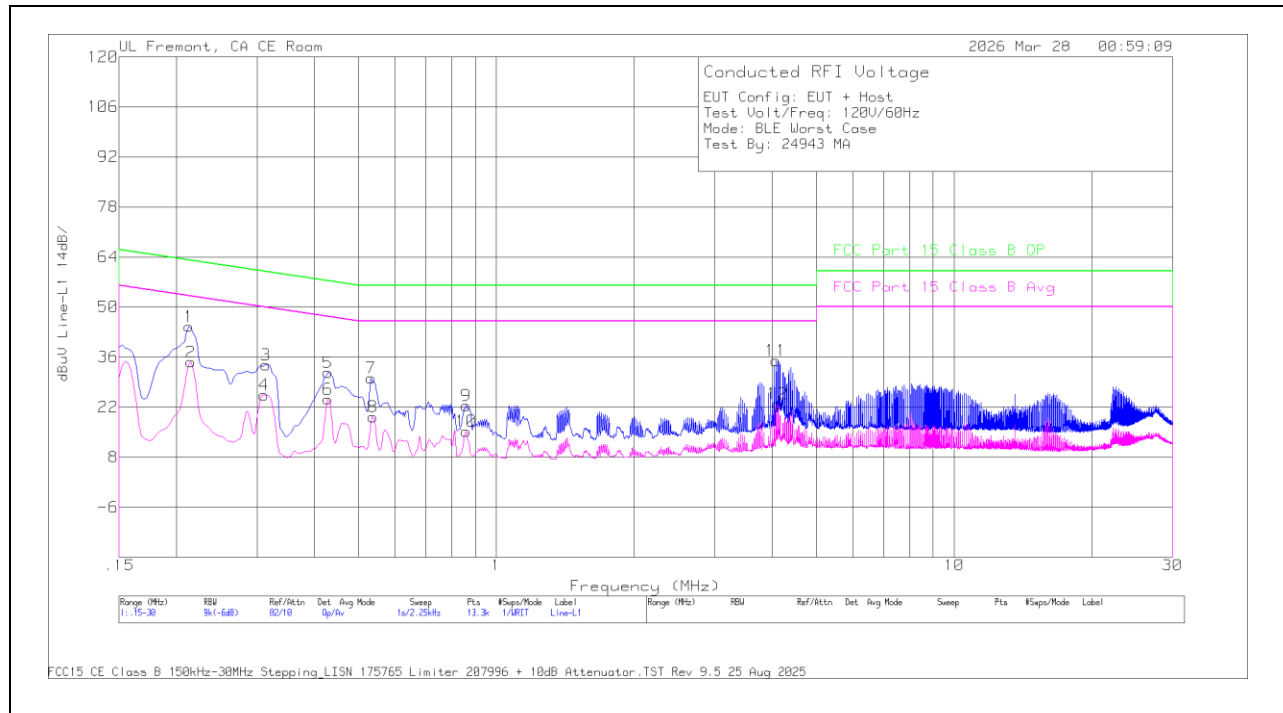
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Line 2 C3_C2_plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
14	.1658	22.52	Av	.1	9.4	9.9	41.92	-	-	55.17	-13.25
16	.249	15.63	Av	0	9.4	9.9	34.93	-	-	51.79	-16.86
18	.3323	9.37	Av	0	9.3	9.9	28.57	-	-	49.39	-20.82
20	.4155	6.22	Av	0	9.3	9.9	25.42	-	-	47.54	-22.12
22	.4988	7.07	Av	0	9.3	9.9	26.27	-	-	46.02	-19.75
24	.6608	.79	Av	0	9.4	10	20.19	-	-	46	-25.81
13	.1613	38.5	Qp	.1	9.4	9.9	57.9	65.4	-7.5	-	-
15	.2423	32.48	Qp	0	9.4	9.9	51.78	62.02	-10.24	-	-
17	.3233	26.34	Qp	0	9.4	9.9	45.64	59.62	-13.98	-	-
19	.4043	23.32	Qp	0	9.3	9.9	42.52	57.77	-15.25	-	-
21	.4988	22.28	Qp	0	9.3	9.9	41.48	56.02	-14.54	-	-
23	.6608	16.95	Qp	0	9.4	10	36.35	56	-19.65	-	-

Qp - Quasi-Peak detector

Av - Average detection

10.2. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS

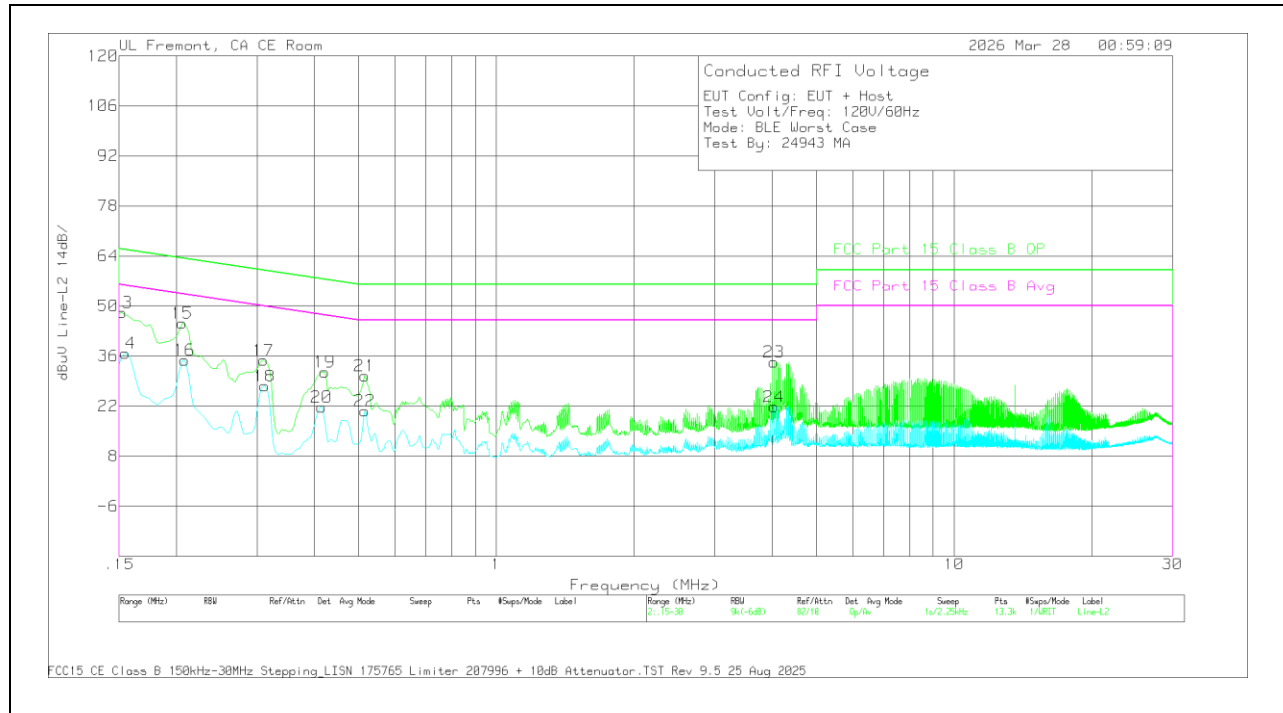


MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Line 1 C3_C1_plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
2	.2153	15.28	Av	0	9.4	9.9	34.58	-	-	53	-18.42
4	.3109	6.02	Av	0	9.4	9.9	25.32	-	-	49.95	-24.63
6	.429	5.03	Av	0	9.3	9.9	24.23	-	-	47.27	-23.04
8	.537	.11	Av	0	9.3	9.9	19.31	-	-	46	-26.69
10	.8588	-4.02	Av	0	9.3	9.9	15.18	-	-	46	-30.82
12	4.1235	3.56	Av	0	9.4	9.9	22.86	-	-	46	-23.14
1	.213	25.26	Qp	0	9.4	9.9	44.56	63.09	-18.53	-	-
3	.3143	14.63	Qp	0	9.3	9.9	33.83	59.86	-26.03	-	-
5	.429	12.4	Qp	0	9.3	9.9	31.6	57.27	-25.67	-	-
7	.5325	10.98	Qp	0	9.3	9.9	30.18	56	-25.82	-	-
9	.8588	3.25	Qp	0	9.3	9.9	22.45	56	-33.55	-	-
11	4.083	15.72	Qp	0	9.4	9.9	35.02	56	-20.98	-	-

Qp - Quasi-Peak detector

Av - Average detection

LINE 2 RESULTS**MEASURED DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Line 2 C3_C2_plus Limiter (dB)	Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B QP (dBuV)	QP Margin (dB)	FCC Part 15 Class B Avg (dBuV)	Av Margin (dB)
14	.1545	17.3	Av	.1	9.4	9.9	36.7	-	-	55.75	-19.05
16	.2085	15.51	Av	0	9.4	9.9	34.81	-	-	53.26	-18.45
18	.312	8.28	Av	0	9.4	9.9	27.58	-	-	49.92	-22.34
20	.4155	2.54	Av	0	9.3	9.9	21.74	-	-	47.54	-25.8
22	.5168	1.5	Av	0	9.3	9.9	20.7	-	-	46	-25.3
24	4.0425	2.49	Av	0	9.4	9.9	21.79	-	-	46	-24.21
13	.1523	28.82	Qp	.1	9.4	9.9	48.22	65.88	-17.66	-	-
15	.2063	25.84	Qp	0	9.4	9.9	45.14	63.35	-18.21	-	-
17	.3098	15.47	Qp	0	9.4	9.9	34.77	59.98	-25.21	-	-
19	.4223	12.36	Qp	0	9.3	9.9	31.56	57.4	-25.84	-	-
21	.5168	11.22	Qp	0	9.3	9.9	30.42	56	-25.58	-	-
23	4.0425	15.06	Qp	0	9.4	9.9	34.36	56	-21.64	-	-

Qp - Quasi-Peak detector

Av - Average detection

11. SETUP PHOTOS

Please refer to 16064952-EP1V1 for setup photos.

12. APPENDIX A – SPOT CHECK EVALUATION

12.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3447, A3719, A3720 and A3721. These models are very similar, with only the following differences.

Model	IC ID	FCC ID	Feature Difference	Sim Support	Reference Model
A3447	579C-E9188A	BCG-E9188A	-With FR2 -No LTE B11, B21	eSIM	-
A3719	579C-E9198A	BCG-E9198A	-Without FR2 -Added LTE B11, B21	eSIM	A3472
A3720	579C-E9203A	BCG-E9203A	-Without FR2 -No LTE/5GNR B14, B29, B71 -No LTE B11, B21	eSIM	
A3721	579C-E9204A	BCG-E9204A	-Without FR2 -No LTE/5GNR B14, B29, B71, B53 -No LTE B11, B21, MSS	eSIM	

Note:

- All Models use the same System, Cellular and Connectivity radio electrical schematics.
- Removal of LTE/ 5GNR bands on models either done by software or de-population of related components. Please refer to data reuse test plan for details.
- All Models use the same Applications Processor and PMU.
- All Models use the same UICC hardware/software interface.
- All Models run the same Baseband firmware and iOS software.

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

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

Where: d_{dB} deviation from Reference data, V_{dB} variant spot check level, and R_{dB} measurement level

12.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3719

A3719 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3719	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9198A IC : 579C-E9198A			
DTS/BLE	2.4	LE2M TxBF	2Mbps	Output Power (dBm)	High	2.478	23.48	23.32	-0.16	-6.52	Note 1
		HDT2 (ANT 3) Low Power State A	2Mbps	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG	51.29	51.35	0.06	-2.71	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	30M-1000MHz Vertical QP	33.62	35.49	1.87	-6.38	Note 1

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

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

12.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3720

A3720 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3720	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9203A IC : 579C-E9203A			
DTS/BLE	2.4	LE2M TxBF	2Mbps	Output Power (dBm)	High	2.478	23.48	23.37	-0.11	-6.52	Note 1
		HDT2 (ANT 3) Low Power State A	2Mbps	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG	51.29	49.20	-2.09	-2.71	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	30M-1000MHz Vertical QP	33.62	34.25	0.63	-6.38	Note 1

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

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

12.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3721

A3721 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3447	Sub Model: A3721	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9188A IC : 579C-E9188A	FCC ID : BCG-E9204A IC : 579C-E9204A			
DTS/BLE	2.4	LE2M TxBF	2Mbps	Output Power (dBm)	High	2.478	23.48	23.40	-0.08	-6.52	Note 1
		HDT2 (ANT 3) Low Power State A	2Mbps	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge AVG	51.29	48.84	-2.45	-2.71	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	30M-1000MHz Vertical QP	33.62	34.67	1.05	-6.38	Note 1

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

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