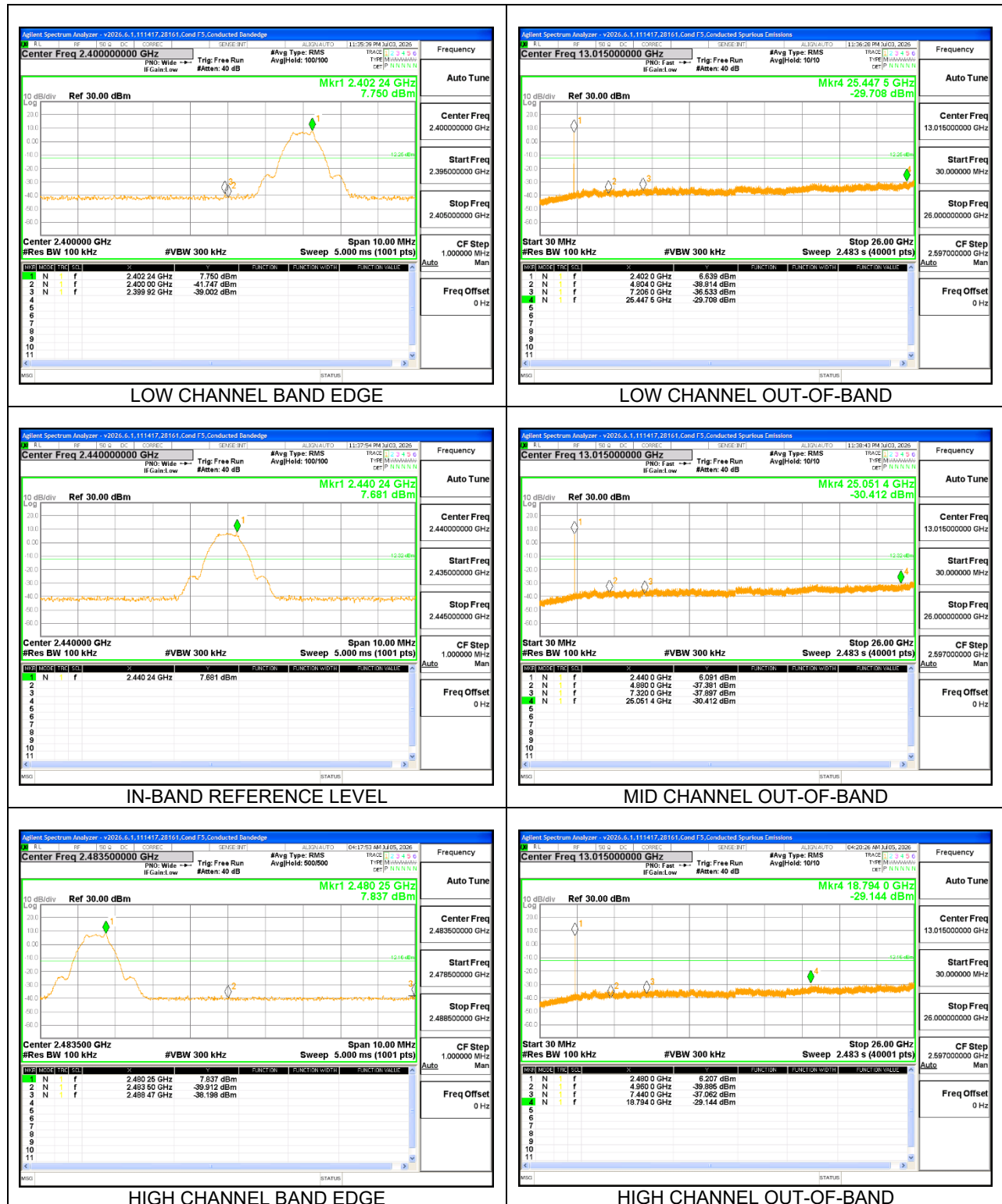
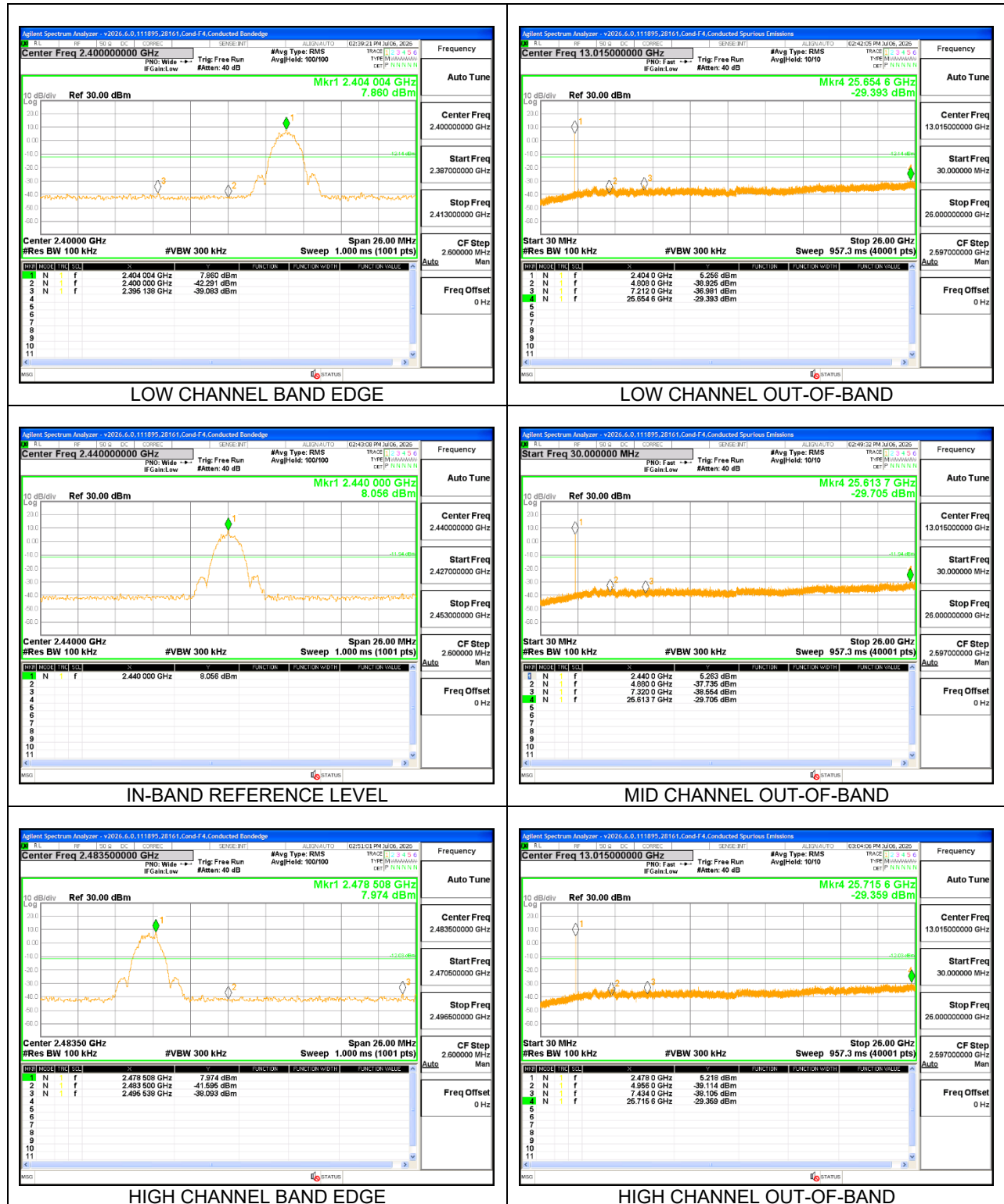
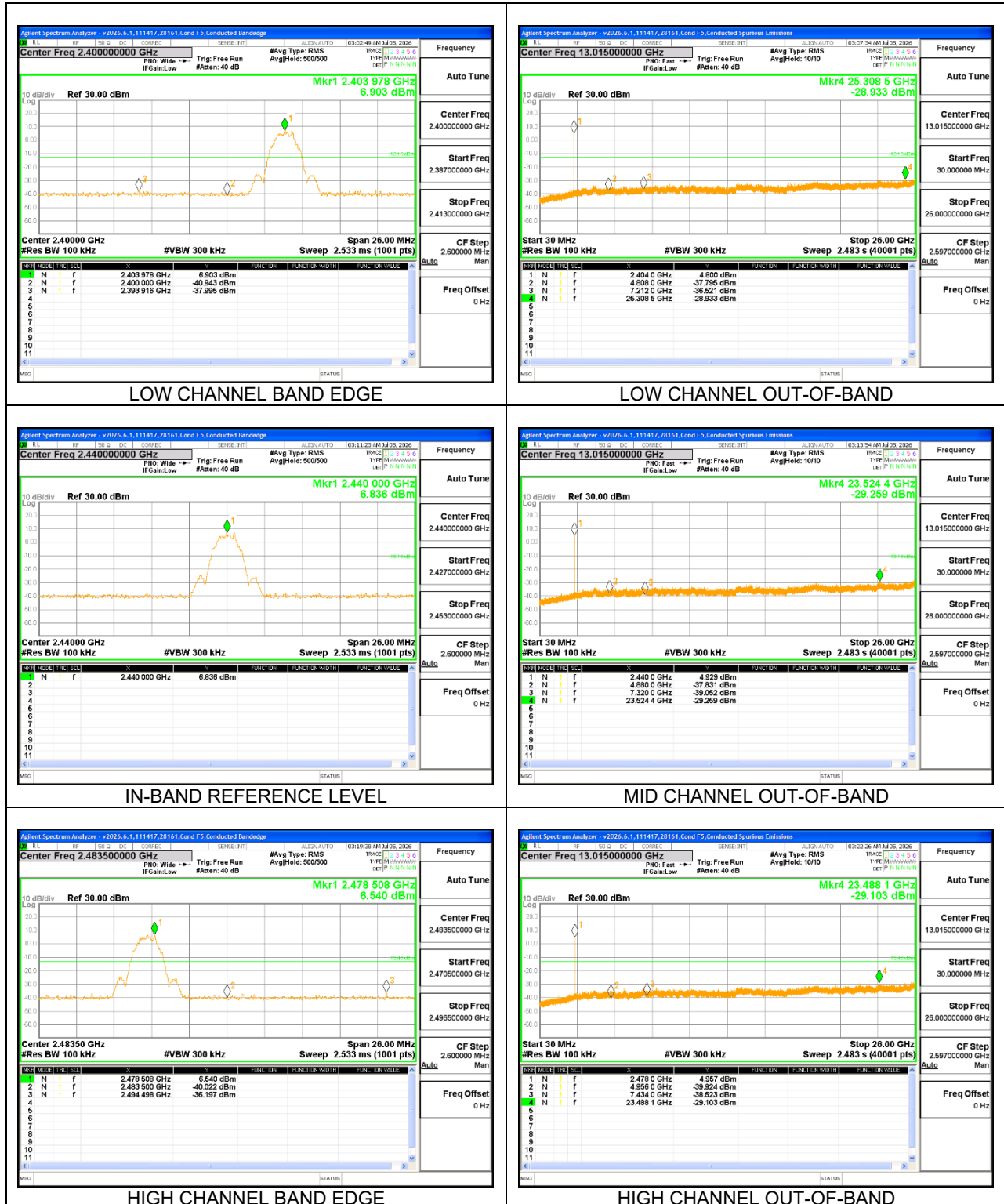


ANT 3

8.6.13. LE2M – LOW POWER – SISO

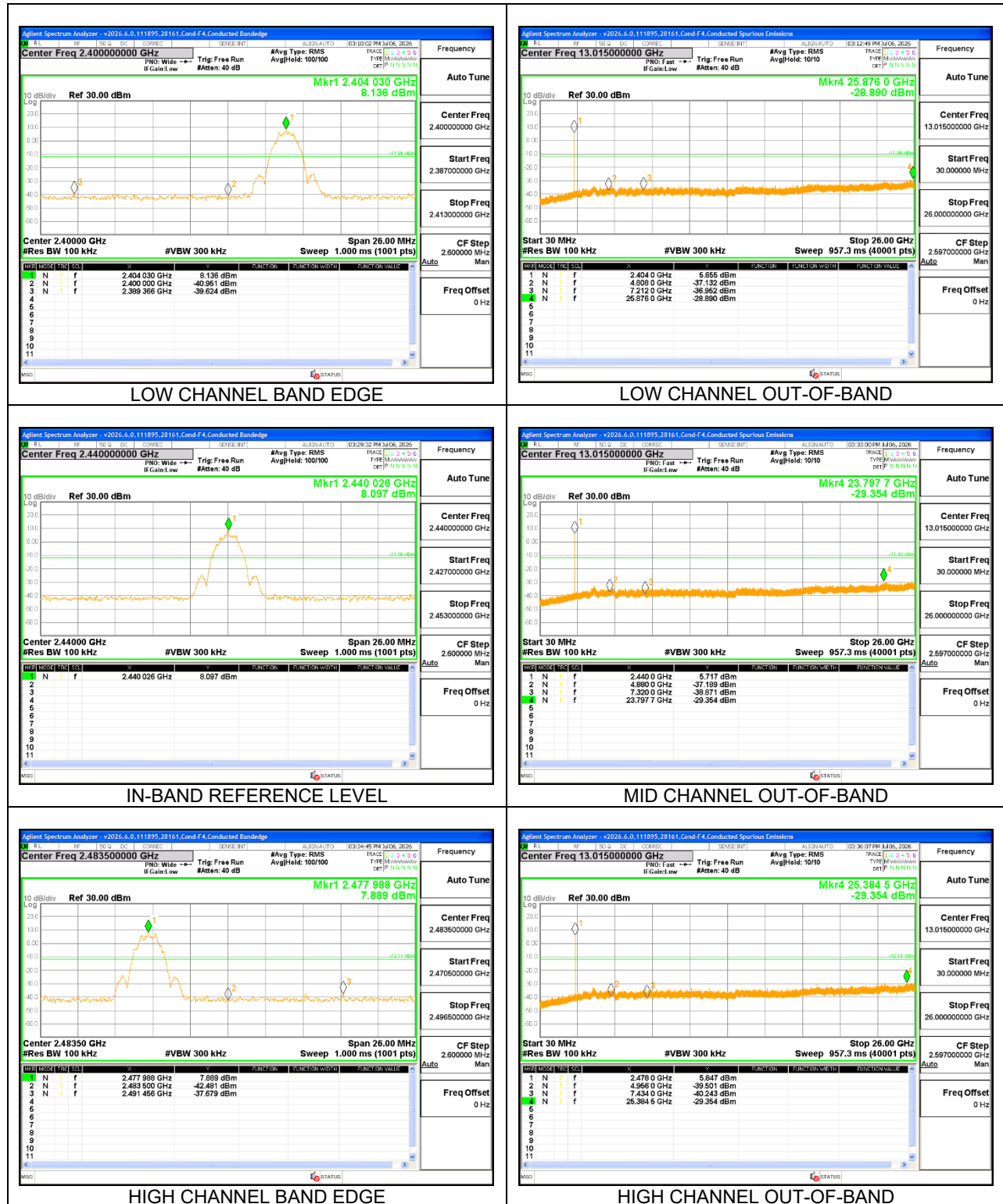
ANT 4

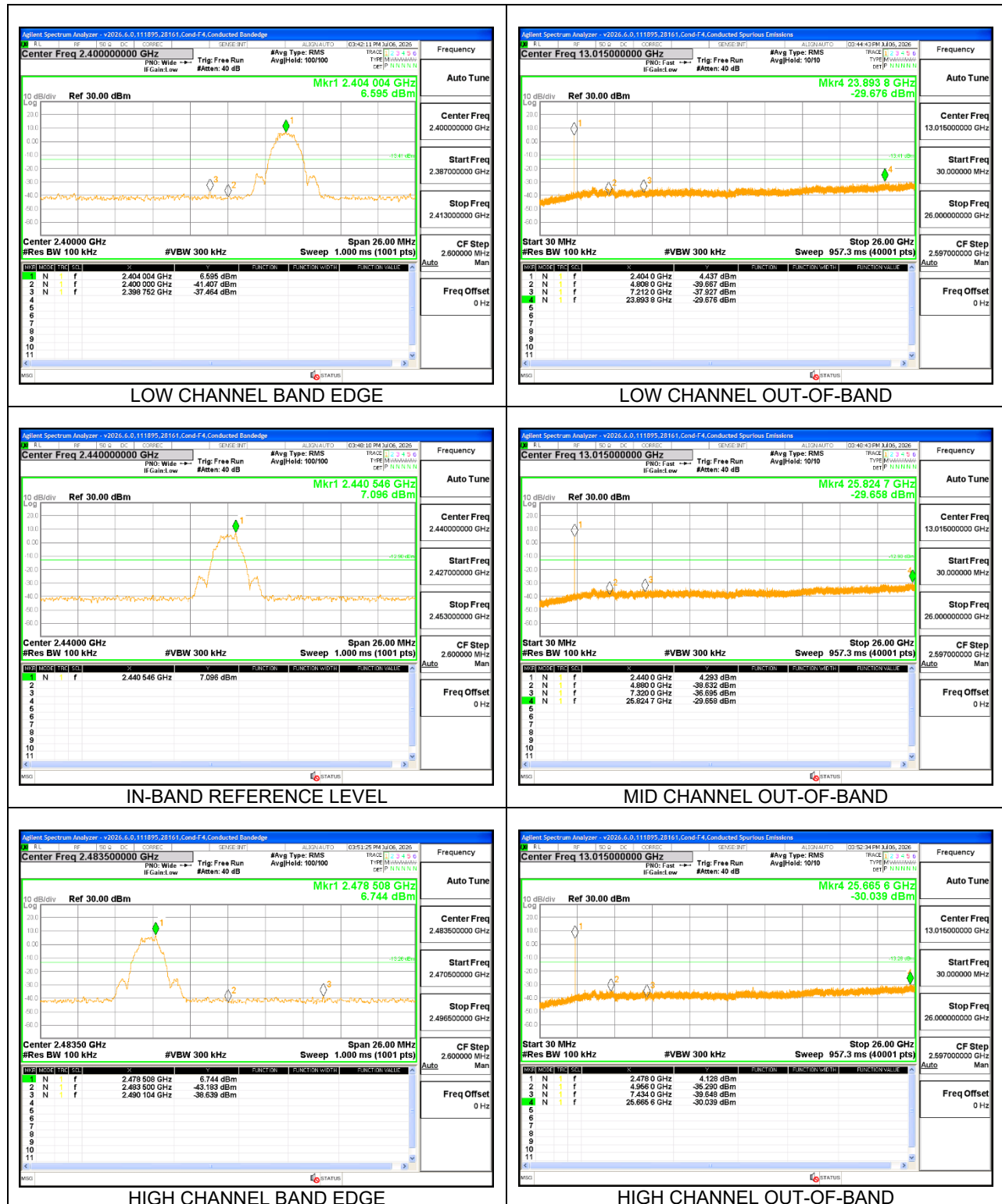


ANT 3

8.6.14. LE2M – LOW POWER – MIMO TXBF

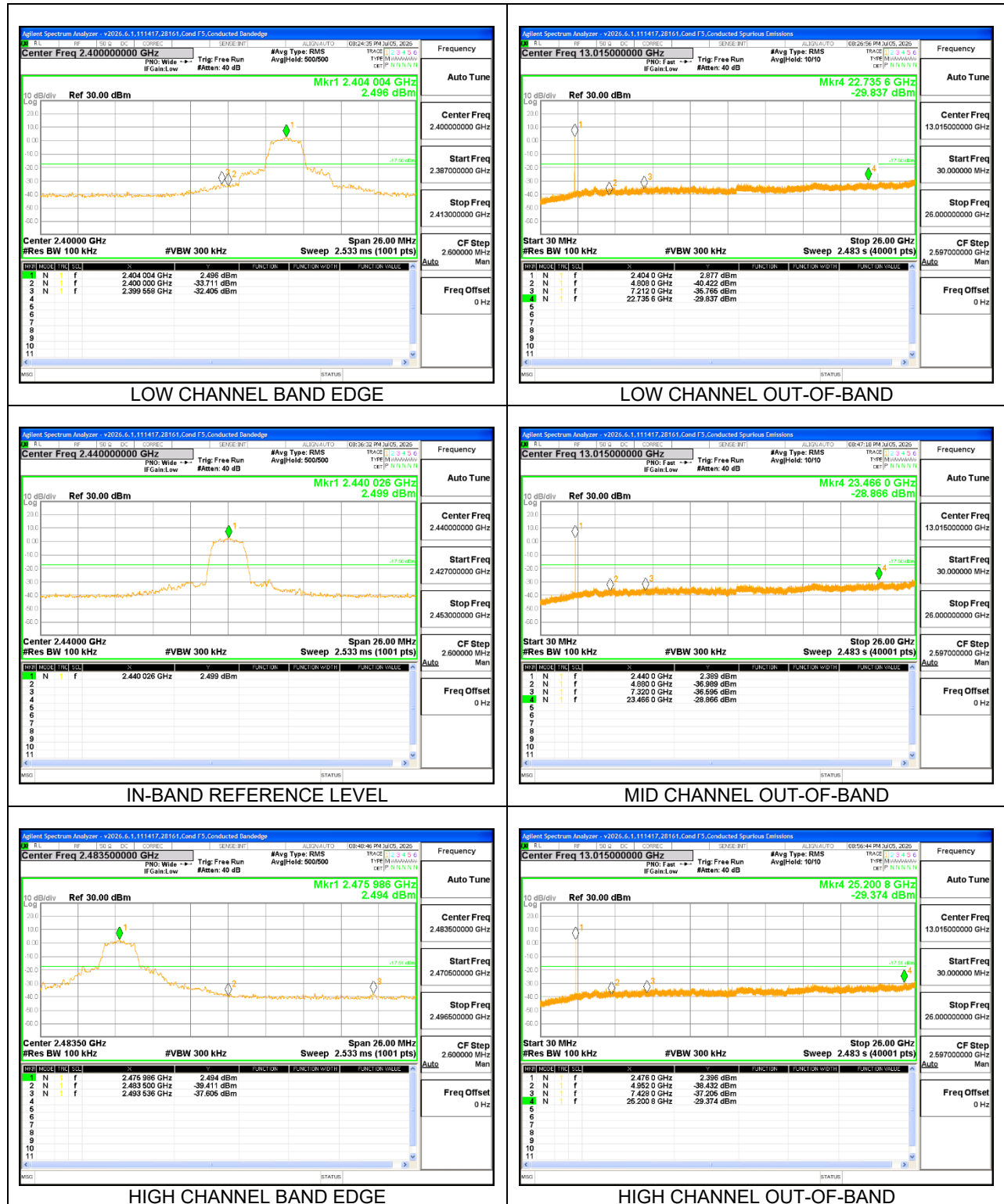
ANT 4

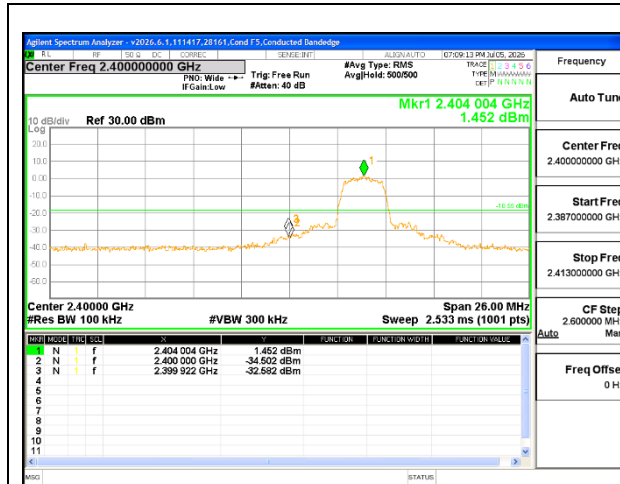


ANT 3

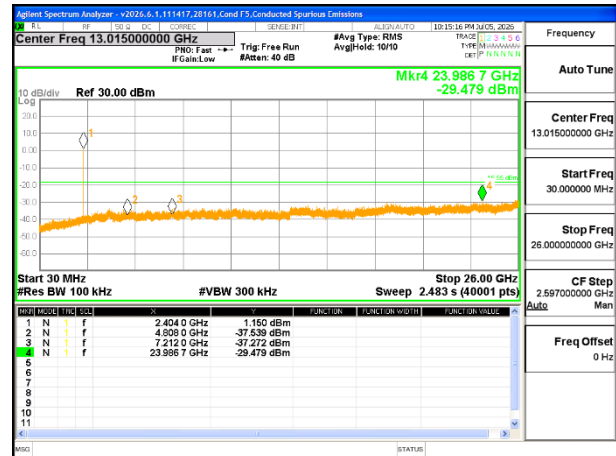
8.6.15. HDT8 – LOW POWER – SISO

ANT 4

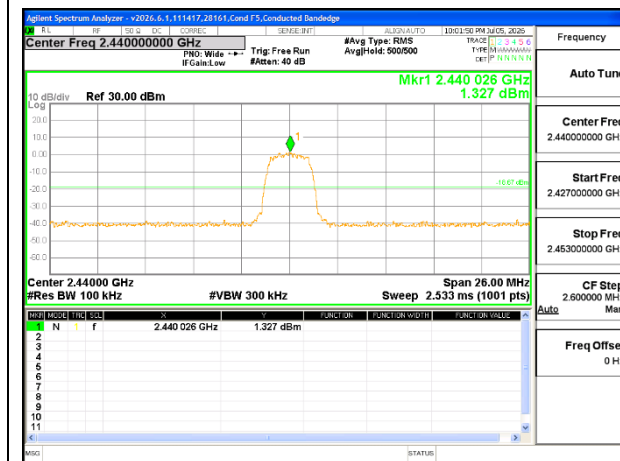


ANT 3

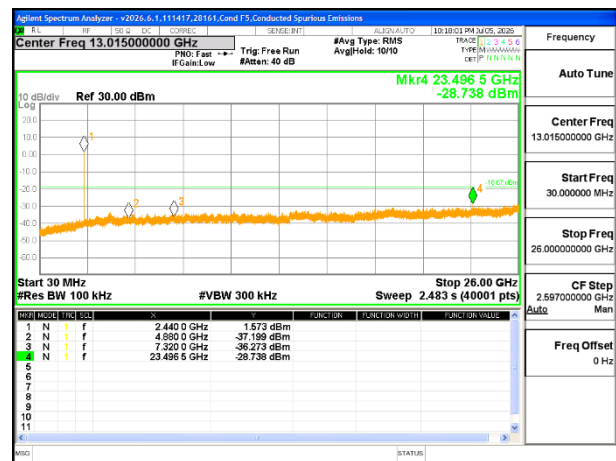
LOW CHANNEL BAND EDGE



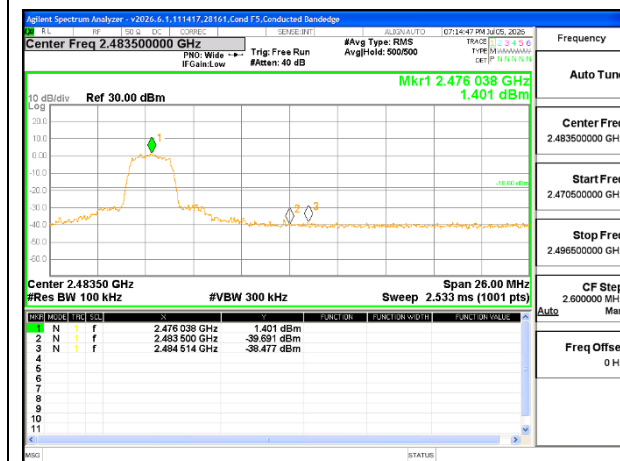
LOW CHANNEL OUT-OF-BAND



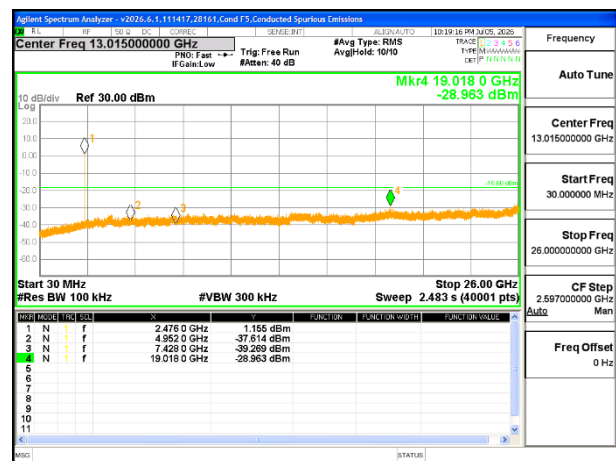
IN-BAND REFERENCE LEVEL



MID CHANNEL OUT-OF-BAND



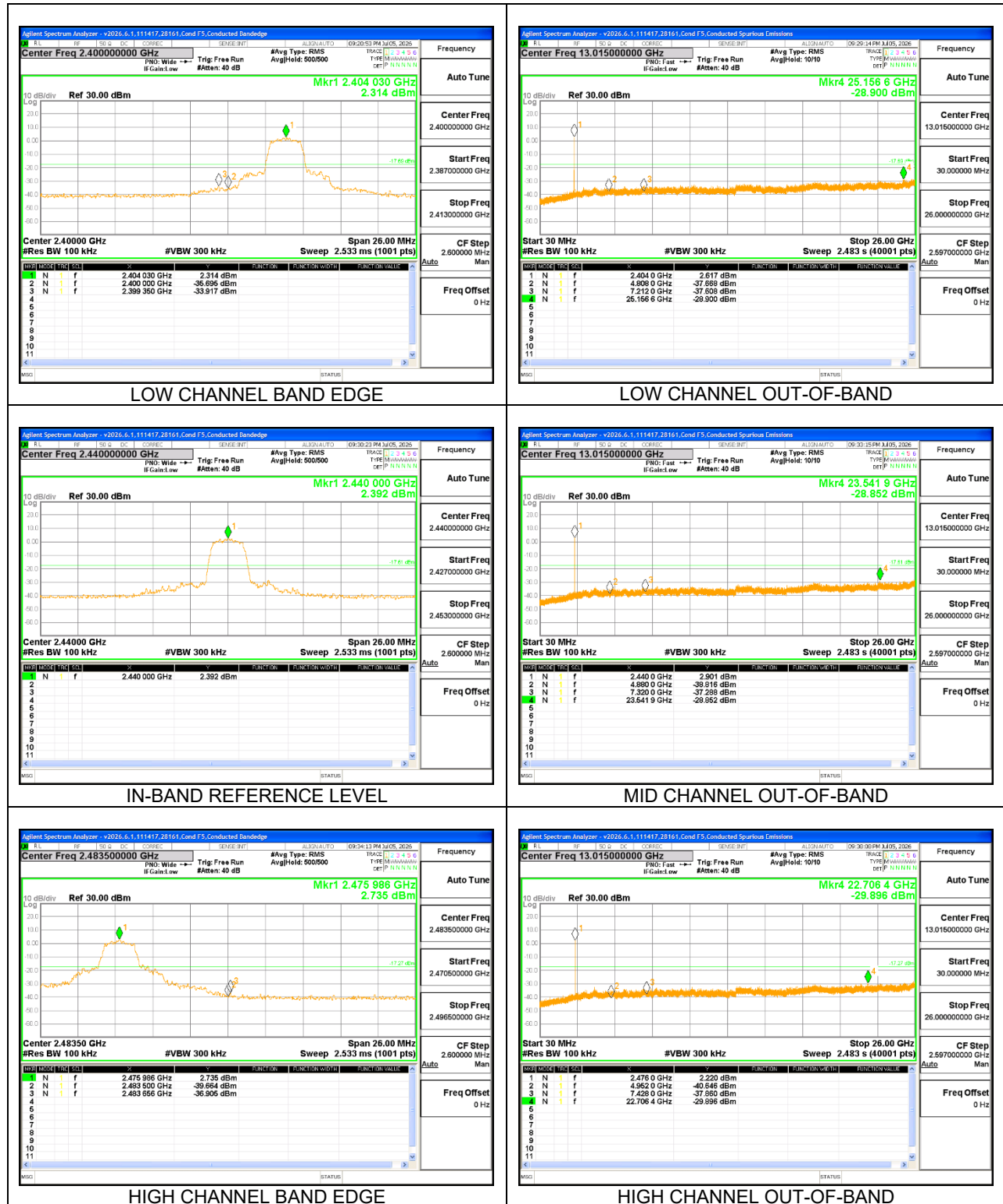
HIGH CHANNEL BAND EDGE

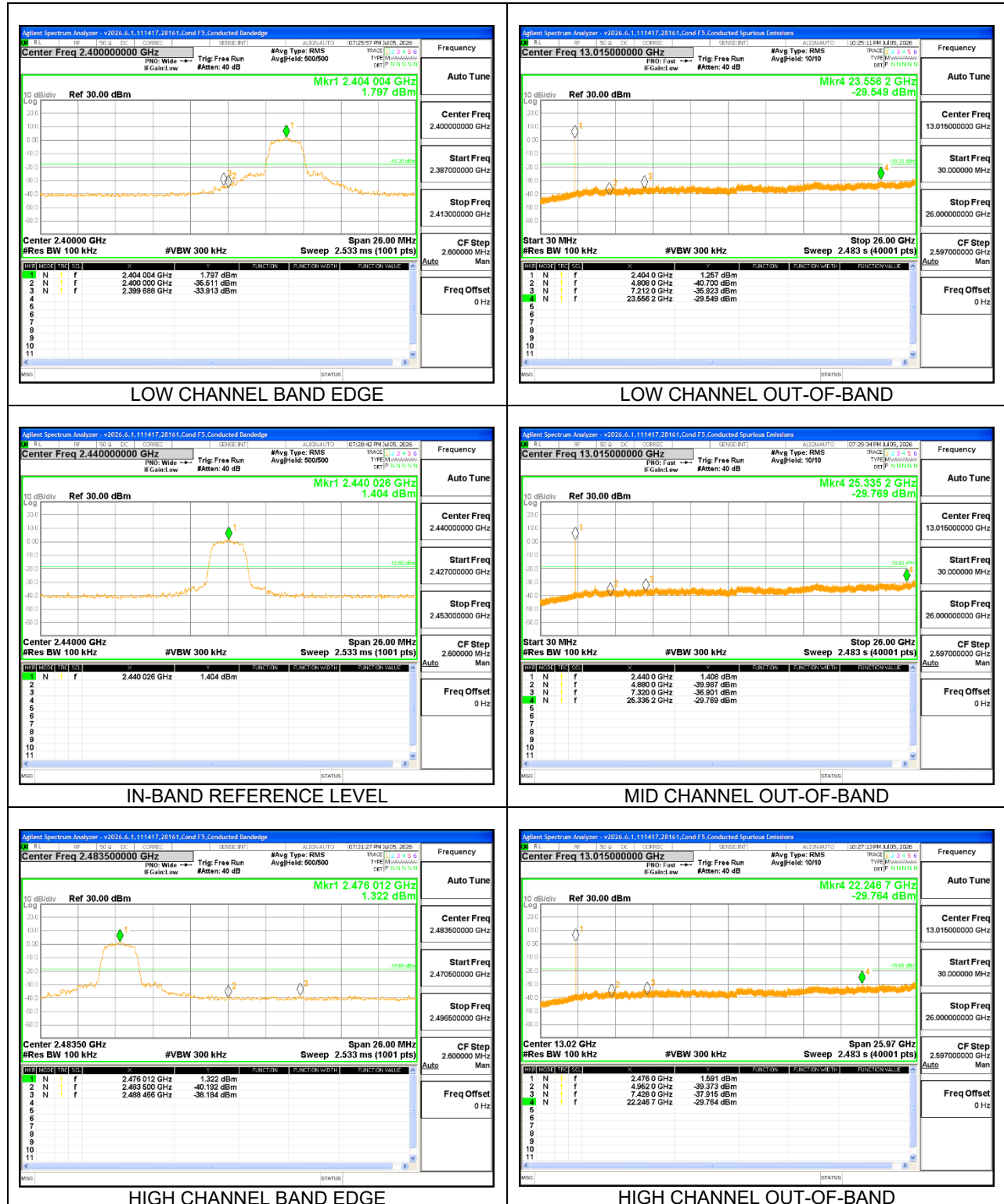


HIGH CHANNEL OUT-OF-BAND

8.6.16. HDT8 – 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 CFR 47, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as report in the table) using free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB to the corresponding RSS-Gen Table 6 limit as it must 15.209(a) limit.

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

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

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

RESULTS

The plots in these sections are for reference settings only for different bandwidth and different antenna.

9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. LOW BAND EDGE – HIGH POWER – SISO

Mode (SISO)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	DCCF (dB)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4	* 2.39	61.67	Pk	32.1	0	-39.53	54.24	-	-	74	-19.76	169	370	V
			* 2.378428	62.71	Pk	32.1	0	-39.59	55.22	-	-	74	-18.78	169	370	V
			* 2.39	49.36	RMS	32.1	0.12	-39.53	42.05	54	-11.95	-	-	169	370	V
			* 2.379097	50.89	RMS	32.1	0.12	-39.61	43.5	54	-10.5	-	-	169	370	V
			* 2.39	60.12	Pk	32.1	0	-39.53	52.69	-	-	74	-21.31	343	123	H
			* 2.376492	63.23	Pk	32.1	0	-39.56	55.77	-	-	74	-18.23	343	123	H
			* 2.39	50.09	RMS	32.1	0.12	-39.53	42.78	54	-11.22	-	-	343	123	H
			* 2.374731	51.24	RMS	32	0.12	-39.54	43.82	54	-10.18	-	-	343	123	H
		3	* 2.39	60.99	Pk	32.1	0	-39.53	53.56	-	-	74	-20.44	348	122	H
			* 2.342867	63.22	Pk	31.9	0	-39.63	55.49	-	-	74	-18.51	348	122	H
			* 2.39	49.99	RMS	32.1	0.12	-39.53	42.68	54	-11.32	-	-	348	122	H
			* 2.364323	51.09	RMS	32	0.12	-39.57	43.64	54	-10.36	-	-	348	122	H
			* 2.39	60.08	Pk	32.1	0	-39.53	52.65	-	-	74	-21.35	36	400	V
			* 2.318719	63.27	Pk	31.8	0	-39.62	55.45	-	-	74	-18.55	36	400	V
			* 2.39	49.82	RMS	32.1	0.12	-39.53	42.51	54	-11.49	-	-	36	400	V
			* 2.382023	50.91	RMS	32.1	0.12	-39.54	43.59	54	-10.41	-	-	36	400	V
LE1M	2402	4	* 2.39	60.64	Pk	32.2	0	-37.08	55.76	-	-	74	-18.24	191	189	H
			* 2.341019	62.38	Pk	32	0	-37.02	57.36	-	-	74	-16.64	191	189	H
			* 2.39	48.87	RMS	32.2	0.71	-37.08	44.7	54	-9.3	-	-	191	189	H
			* 2.388282	50.26	RMS	32.2	0.71	-37.08	46.09	54	-7.91	-	-	191	189	H
			* 2.39	60.35	Pk	32.2	0	-37.08	55.47	-	-	74	-18.53	181	376	V
			* 2.382343	62.74	Pk	32.2	0	-37.14	57.8	-	-	74	-16.2	181	376	V
			* 2.39	50.02	RMS	32.2	0.71	-37.08	45.85	54	-8.15	-	-	181	376	V
			* 2.388937	50.25	RMS	32.2	0.71	-37.08	46.08	54	-7.92	-	-	181	376	V
		3	* 2.39	60.13	Pk	32.1	0	-39.53	52.7	-	-	74	-21.3	353	124	H
			* 2.377846	62.61	Pk	32.1	0	-39.57	55.14	-	-	74	-18.86	353	124	H
			* 2.39	50.18	RMS	32.1	0.71	-39.53	43.46	54	-10.54	-	-	353	124	H
			* 2.389345	50.8	RMS	32.1	0.71	-39.53	44.08	54	-9.92	-	-	353	124	H
			* 2.39	61.93	Pk	32.1	0	-39.53	54.5	-	-	74	-19.5	306	355	V
			* 2.352838	62.87	Pk	32	0	-39.56	55.31	-	-	74	-18.69	306	355	V
			* 2.39	50.19	RMS	32.1	0.71	-39.53	43.47	54	-10.53	-	-	306	355	V
			* 2.386521	50.92	RMS	32.1	0.71	-39.55	44.18	54	-9.82	-	-	306	355	V
LE2M	2404	4	* 2.39	60.15	Pk	32.1	0	-40.3	51.95	-	-	74	-22.05	214	105	H
			* 2.384046	62.98	Pk	32.1	0	-40.1	54.98	-	-	74	-19.02	214	105	H
			* 2.39	50.05	RMS	32.1	2.46	-40.3	44.31	54	-9.69	-	-	214	105	H
			* 2.388573	51.1	RMS	32.1	2.46	-40.24	45.42	54	-8.58	-	-	214	105	H
			* 2.39	60.16	Pk	32.1	0	-40.3	51.96	-	-	74	-22.04	147	361	V
			* 2.346463	62.99	Pk	32	0	-40	54.99	-	-	74	-19.01	147	361	V
			* 2.39	50.61	RMS	32.1	2.46	-40.3	44.87	54	-9.13	-	-	147	361	V
			* 2.383886	50.87	RMS	32.1	2.46	-40.1	45.33	54	-8.67	-	-	147	361	V
		3	* 2.39	60.18	Pk	32.1	0	-39.53	52.75	-	-	74	-21.25	20	160	H
			* 2.385065	63.31	Pk	32.1	0	-39.57	55.84	-	-	74	-18.16	20	160	H
			* 2.39	49.59	RMS	32.1	2.46	-39.53	44.62	54	-9.38	-	-	20	160	H
			* 2.389752	51.01	RMS	32.1	2.46	-39.53	46.04	54	-7.96	-	-	20	160	H
			* 2.39	60.78	Pk	32.1	0	-39.53	53.35	-	-	74	-20.65	349	396	V
			* 2.380975	63.55	Pk	32.1	0	-39.56	56.09	-	-	74	-17.91	349	396	V
			* 2.39	49.93	RMS	32.1	2.46	-39.53	44.96	54	-9.04	-	-	349	396	V
			* 2.380902	51.11	RMS	32.1	2.46	-39.56	46.11	54	-7.89	-	-	349	396	V
HDT8	2404	4	* 2.39	64.34	Pk	32.1	0	-39.53	56.91	-	-	74	-17.09	343	123	H
			* 2.389097	65.69	Pk	32.1	0	-39.53	58.26	-	-	74	-15.74	343	123	H
			* 2.39	52.77	RMS	32.1	0.49	-39.53	45.83	54	-8.17	-	-	343	123	H
			* 2.389985	53.07	RMS	32.1	0.49	-39.53	46.13	54	-7.87	-	-	343	123	H
			* 2.39	60.36	Pk	32.1	0	-39.53	52.93	-	-	74	-21.07	22	334	V
			* 2.372634	62.94	Pk	32	0	-39.57	55.37	-	-	74	-18.63	22	334	V
			* 2.39	50.01	RMS	32.1	0.49	-39.53	43.07	54	-10.93	-	-	22	334	V
			* 2.383566	50.94	RMS	32.1	0.49	-39.54	43.99	54	-10.01	-	-	22	334	V
		3	* 2.39	60.54	Pk	32.1	0	-39.53	53.11	-	-	74	-20.89	177	135	H
			* 2.373901	63.05	Pk	32	0	-39.51	55.54	-	-	74	-18.46	177	135	H
			* 2.39	50.46	RMS	32.1	0.49	-39.53	43.52	54	-10.48	-	-	177	135	H
			* 2.380436	51.04	RMS	32.1	0.49	-39.57	44.06	54	-9.94	-	-	177	135	H
			* 2.39	60.5	Pk	32.1	0	-39.53	53.07	-	-	74	-20.93	153	354	V
			* 2.388399	64.13	Pk	32.1	0	-39.54	56.69	-	-	74	-17.31	153	354	V
			* 2.39	50.19	RMS	32.1	0.49	-39.53	43.25	54	-10.75	-	-	153	354	V
			* 2.376681	51.05	RMS	32.1	0.49	-39.57	44.07	54	-9.93	-	-	153	354	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)	DCCF (dB)	Amp/Cbl/ Fitr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4+3	* 2.39	60.44	Pk	32.2	0	-37.08	55.56	-	-	74	-18.44	49	114	H
			* 2.387511	61.99	Pk	32.2	0	-37.09	57.1	-	-	74	-16.9	49	114	H
			* 2.39	50.71	RMS	32.2	0.12	-37.08	45.95	54	-8.05	-	-	49	114	H
			* 2.39	50.72	RMS	32.2	0.12	-37.08	45.96	54	-8.04	-	-	49	114	H
			* 2.39	59.47	Pk	32.2	0	-37.08	54.59	-	-	74	-19.41	323	381	V
			* 2.364585	62.24	Pk	32.1	0	-37.13	57.21	-	-	74	-16.79	323	381	V
			* 2.39	50.04	RMS	32.2	0.12	-37.08	45.28	54	-8.72	-	-	323	381	V
LE1M	2402	4+3	* 2.38802	50.13	RMS	32.2	0.12	-37.08	45.37	54	-8.63	-	-	323	381	V
			* 2.39	60.41	Pk	32.2	0	-37.08	55.53	-	-	74	-18.47	48	121	H
			* 2.366667	62.46	Pk	32.1	0	-37.12	57.44	-	-	74	-16.56	48	121	H
			* 2.39	49.73	RMS	32.2	0.71	-37.08	45.56	54	-8.44	-	-	48	121	H
			* 2.375982	50.34	RMS	32.2	0.71	-37.09	46.16	54	-7.84	-	-	48	121	H
			* 2.39	60.74	Pk	32.2	0	-37.08	55.86	-	-	74	-18.14	325	384	V
			* 2.373057	62.14	Pk	32.1	0	-37.09	57.15	-	-	74	-16.85	325	384	V
LE2M	2404	4+3	* 2.39	48.99	RMS	32.2	0.71	-37.08	44.82	54	-9.18	-	-	325	384	V
			* 2.37671	50.11	RMS	32.2	0.71	-37.1	45.92	54	-8.08	-	-	325	384	V
			* 2.39	61.88	Pk	31.7	0	-41.04	52.54	-	-	74	-21.46	22	110	H
			* 2.329301	63.63	Pk	31.6	0	-41.05	54.18	-	-	74	-19.82	22	110	H
			* 2.39	50.57	RMS	31.7	2.46	-41.04	43.69	54	-10.31	-	-	22	110	H
			* 2.329985	52.75	RMS	31.6	2.46	-41.05	45.76	54	-8.24	-	-	22	110	H
			* 2.39	62.88	Pk	31.7	0	-41.04	53.54	-	-	74	-20.46	302	400	V
HDT8	2404	4+3	* 2.380961	63.59	Pk	31.7	0	-41.04	54.25	-	-	74	-19.75	302	400	V
			* 2.39	50.12	RMS	31.7	2.46	-41.04	43.24	54	-10.76	-	-	302	400	V
			* 2.330189	51.67	RMS	31.6	2.46	-41.05	44.68	54	-9.32	-	-	302	400	V
			* 2.39	63.87	Pk	31.7	0	-41.04	54.53	-	-	74	-19.47	20	112	H
			* 2.389956	64.56	Pk	31.7	0	-41.04	55.22	-	-	74	-18.78	20	112	H
			* 2.39	51.82	RMS	31.7	0.49	-41.04	42.97	54	-11.03	-	-	20	112	H
			* 2.329884	52.88	RMS	31.6	0.49	-41.05	43.92	54	-10.08	-	-	20	112	H
			* 2.39	60.81	Pk	31.7	0	-41.04	51.47	-	-	74	-22.53	313	399	V
			* 2.326943	63.94	Pk	31.6	0	-41.04	54.5	-	-	74	-19.5	313	399	V
			* 2.39	50.73	RMS	31.7	0.49	-41.04	41.88	54	-12.12	-	-	313	399	V
			* 2.330262	51.79	RMS	31.6	0.49	-41.06	42.82	54	-11.18	-	-	313	399	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)	DCCF (dB)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4	* 2.39	60.14	Pk	32.2	0	-37.08	55.26	-	-	74	-18.74	209	207	H
			* 2.365648	62.46	Pk	32.1	0	-37.13	57.43	-	-	74	-16.57	209	207	H
			* 2.39	49.18	RMS	32.2	0.12	-37.08	44.42	54	-9.58	-	-	209	207	H
			* 2.38965	50.09	RMS	32.2	0.12	-37.08	45.33	54	-8.67	-	-	209	207	H
			* 2.39	59.97	Pk	32.2	0	-37.08	55.09	-	-	74	-18.91	218	334	V
			* 2.375517	62.29	Pk	32.2	0	-37.09	57.4	-	-	74	-16.6	218	334	V
			* 2.39	48.7	RMS	32.2	0.12	-37.08	43.94	54	-10.06	-	-	218	334	V
			* 2.370568	50.34	RMS	32.1	0.12	-37.09	45.47	54	-8.53	-	-	218	334	V
		3	* 2.39	61.42	Pk	31.7	0	-41.04	52.08	-	-	74	-21.92	21	111	H
			* 2.352897	63.97	Pk	31.6	0	-40.99	54.58	-	-	74	-19.42	21	111	H
			* 2.39	51.05	RMS	31.7	0.12	-41.04	41.83	54	-12.17	-	-	21	111	H
			* 2.389738	51.57	RMS	31.7	0.12	-41.04	42.35	54	-11.65	-	-	21	111	H
			* 2.39	61.27	Pk	31.7	0	-41.04	51.93	-	-	74	-22.07	326	399	V
			* 2.321485	63.64	Pk	31.6	0	-40.99	54.25	-	-	74	-19.75	326	399	V
			* 2.39	50.33	RMS	31.7	0.12	-41.04	41.11	54	-12.89	-	-	326	399	V
			* 2.33818	51.37	RMS	31.6	0.12	-41.01	42.08	54	-11.92	-	-	326	399	V
LE1M	2402	4	* 2.39	60.37	Pk	32.2	0	-37.08	55.49	-	-	74	-18.51	216	131	H
			* 2.388675	62.08	Pk	32.2	0	-37.08	57.2	-	-	74	-16.8	216	131	H
			* 2.39	49.71	RMS	32.2	0.71	-37.08	45.54	54	-8.46	-	-	216	131	H
			* 2.389083	50.17	RMS	32.2	0.71	-37.08	46	54	-8	-	-	216	131	H
			* 2.39	59.8	Pk	32.2	0	-37.08	54.92	-	-	74	-19.08	193	338	V
			* 2.321426	62.28	Pk	31.9	0	-37.01	57.17	-	-	74	-16.83	193	338	V
			* 2.39	49.36	RMS	32.2	0.71	-37.08	45.19	54	-8.81	-	-	193	338	V
			* 2.384498	50.29	RMS	32.2	0.71	-37.13	46.07	54	-7.93	-	-	193	338	V
		3	* 2.39	60.4	Pk	32.2	0	-37.08	55.52	-	-	74	-18.48	38	102	H
			* 2.389112	62.59	Pk	32.2	0	-37.08	57.71	-	-	74	-16.29	38	102	H
			* 2.39	49.93	RMS	32.2	0.71	-37.08	45.76	54	-8.24	-	-	38	102	H
			* 2.3746	50.07	RMS	32.2	0.71	-37.09	45.89	54	-8.11	-	-	38	102	H
			* 2.39	59.98	Pk	32.2	0	-37.08	55.1	-	-	74	-18.9	320	333	V
			* 2.36441	62.55	Pk	32.1	0	-37.13	57.52	-	-	74	-16.48	320	333	V
			* 2.39	50.31	RMS	32.2	0.71	-37.08	46.14	54	-7.86	-	-	320	333	V
			* 2.39	50.33	RMS	32.2	0.71	-37.08	46.16	54	-7.84	-	-	320	333	V
LE2M	2404	4	* 2.39	59.95	Pk	32.2	0	-37.08	55.07	-	-	74	-18.93	205	208	H
			* 2.386128	62.38	Pk	32.2	0	-37.11	57.47	-	-	74	-16.53	205	208	H
			* 2.39	49.69	RMS	32.2	2.46	-37.08	47.27	54	-6.73	-	-	205	208	H
			* 2.385808	50.31	RMS	32.2	2.46	-37.11	47.86	54	-6.14	-	-	205	208	H
			* 2.39	59.39	Pk	32.2	0	-37.08	54.51	-	-	74	-19.49	216	333	V
			* 2.350699	62.57	Pk	32	0	-37.1	57.47	-	-	74	-16.53	216	333	V
			* 2.39	49.16	RMS	32.2	2.46	-37.08	46.74	54	-7.26	-	-	216	333	V
			* 2.377802	50.39	RMS	32.2	2.46	-37.13	47.92	54	-6.08	-	-	216	333	V
		3	* 2.39	60.92	Pk	31.7	0	-41.04	51.58	-	-	74	-22.42	21	112	H
			* 2.380058	63.46	Pk	31.7	0	-41.05	54.11	-	-	74	-19.89	21	112	H
			* 2.39	50.66	RMS	31.7	2.46	-41.04	43.78	54	-10.22	-	-	21	112	H
			* 2.349782	51.67	RMS	31.6	2.46	-41.02	44.71	54	-9.29	-	-	21	112	H
			* 2.39	60.58	Pk	31.7	0	-41.04	51.24	-	-	74	-22.76	22	112	V
			* 2.384119	63.88	Pk	31.7	0	-41.05	54.53	-	-	74	-19.47	22	112	V
			* 2.39	50.16	RMS	31.7	2.46	-41.04	43.28	54	-10.72	-	-	22	112	V
			* 2.321441	51.57	RMS	31.6	2.46	-40.99	44.64	54	-9.36	-	-	22	112	V
HDT8	2404	4	* 2.39	59.97	Pk	32.2	0	-37.08	55.09	-	-	74	-18.91	208	208	H
			* 2.387947	62.5	Pk	32.2	0	-37.08	57.62	-	-	74	-16.38	208	208	H
			* 2.39	49.59	RMS	32.2	0.49	-37.08	45.2	54	-8.8	-	-	208	208	H
			* 2.389461	50.34	RMS	32.2	0.49	-37.08	45.95	54	-8.05	-	-	208	208	H
			* 2.39	61.08	Pk	32.2	0	-37.08	56.2	-	-	74	-17.8	233	332	V
			* 2.322242	62.72	Pk	31.9	0	-37.01	57.61	-	-	74	-16.39	233	332	V
			* 2.39	48.81	RMS	32.2	0.49	-37.08	44.42	54	-9.58	-	-	233	332	V
			* 2.389592	50.32	RMS	32.2	0.49	-37.08	45.93	54	-8.07	-	-	233	332	V
		3	* 2.39	62.77	Pk	31.7	0	-41.04	53.43	-	-	74	-20.57	23	141	H
			* 2.38949	64.06	Pk	31.7	0	-41.05	54.71	-	-	74	-19.29	23	141	H
			* 2.39	51.45	RMS	31.7	0.49	-41.04	42.6	54	-11.4	-	-	23	141	H
			* 2.388239	51.66	RMS	31.7	0.49	-41.05	42.8	54	-11.2	-	-	23	141	H
			* 2.39	60.53	Pk	31.7	0	-41.04	51.19	-	-	74	-22.81	24	112	V
			* 2.387234	64.18	Pk	31.7	0	-41.04	54.84	-	-	74	-19.16	24	112	V
			* 2.39	50.6	RMS	31.7	0.49	-41.04	41.75	54	-12.25	-	-	24	112	V
			* 2.354789	51.53	RMS	31.6	0.49	-40.99	42.63	54	-11.37	-	-	24	112	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)	DCCF (dB)	Amp/Cbl/ Fitr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4+3	* 2.39	60.01	Pk	32.2	0	-37.08	55.13	-	-	74	-18.87	55	123	H
			* 2.366521	62.14	Pk	32.1	0	-37.12	57.12	-	-	74	-16.88	55	123	H
			* 2.39	49.92	RMS	32.2	0.12	-37.08	45.16	54	-8.84	-	-	55	123	H
			* 2.387598	50.7	RMS	32.2	0.12	-37.09	45.93	54	-8.07	-	-	55	123	H
			* 2.39	59.5	Pk	32.2	0	-37.08	54.62	-	-	74	-19.38	334	380	V
			* 2.372052	62.47	Pk	32.1	0	-37.08	57.49	-	-	74	-16.51	334	380	V
LE1M	2402	4+3	* 2.39	49.63	RMS	32.2	0.12	-37.08	44.87	54	-9.13	-	-	334	380	V
			* 2.368704	50.81	RMS	32.1	0.12	-37.1	45.93	54	-8.07	-	-	334	380	V
			* 2.39	59.72	Pk	32.2	0	-37.08	54.84	-	-	74	-19.16	49	106	H
			* 2.378166	62.01	Pk	32.2	0	-37.14	57.07	-	-	74	-16.93	49	106	H
			* 2.39	49.34	RMS	32.2	0.71	-37.08	45.17	54	-8.83	-	-	49	106	H
			* 2.381601	50.35	RMS	32.2	0.71	-37.14	46.12	54	-7.88	-	-	49	106	H
LE2M	2404	4+3	* 2.39	60.42	Pk	32.2	0	-37.08	55.54	-	-	74	-18.46	333	373	V
			* 2.38623	62.34	Pk	32.2	0	-37.11	57.43	-	-	74	-16.57	333	373	V
			* 2.39	48.84	RMS	32.2	0.71	-37.08	44.67	54	-9.33	-	-	333	373	V
			* 2.386244	50.19	RMS	32.2	0.71	-37.11	45.99	54	-8.01	-	-	333	373	V
			* 2.39	61.05	Pk	31.7	0	-41.04	51.71	-	-	74	-22.29	292	140	H
			* 2.342635	63.92	Pk	31.6	0	-41.03	54.49	-	-	74	-19.51	292	140	H
HDT2	2404	4+3	* 2.39	50.45	RMS	31.7	2.46	-41.04	43.57	54	-10.43	-	-	292	140	H
			* 2.322606	51.48	RMS	31.6	2.46	-40.99	44.55	54	-9.45	-	-	292	140	H
			* 2.39	60.72	Pk	31.7	0	-41.04	51.38	-	-	74	-22.62	293	141	V
			* 2.37968	64.21	Pk	31.7	0	-41.05	54.86	-	-	74	-19.14	293	141	V
			* 2.39	50.24	RMS	31.7	2.46	-41.04	43.36	54	-10.64	-	-	293	141	V
			* 2.37032	51.4	RMS	31.7	2.46	-41.04	44.52	54	-9.48	-	-	293	141	V
			* 2.39	65.03	Pk	31.7	0	-41.04	55.69	-	-	74	-18.31	22	111	H
			* 2.389898	66.34	Pk	31.7	0	-41.04	57	-	-	74	-17	22	111	H
			* 2.39	52.03	RMS	31.7	0.49	-41.04	43.18	54	-10.82	-	-	22	111	H
			* 2.39	52.04	RMS	31.7	0.49	-41.04	43.19	54	-10.81	-	-	22	111	H
			* 2.39	61	Pk	31.7	0	-41.04	51.66	-	-	74	-22.34	21	113	V
			* 2.383726	63.61	Pk	31.7	0	-41.05	54.26	-	-	74	-19.74	21	113	V
			* 2.39	50.71	RMS	31.7	0.49	-41.04	41.86	54	-12.14	-	-	21	113	V
			* 2.349534	51.61	RMS	31.6	0.49	-41.02	42.68	54	-11.32	-	-	21	113	V

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

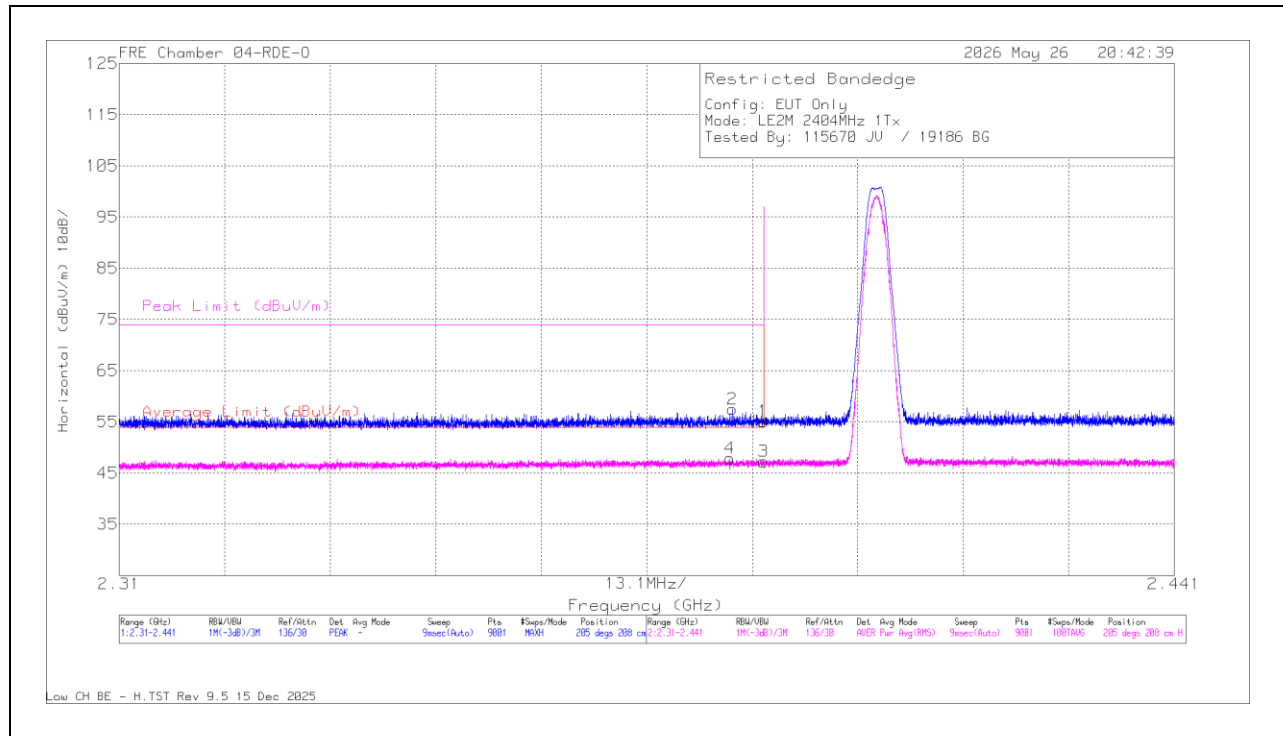
Pk - Peak detector

RMS - RMS detection

9.1.5. LOW BAND EDGE – WORST-CASE

BLE2M / 2404 MHz / LOW POWER / SISO ANT 4

HORIZONTAL RESULT



MEASURED DATA

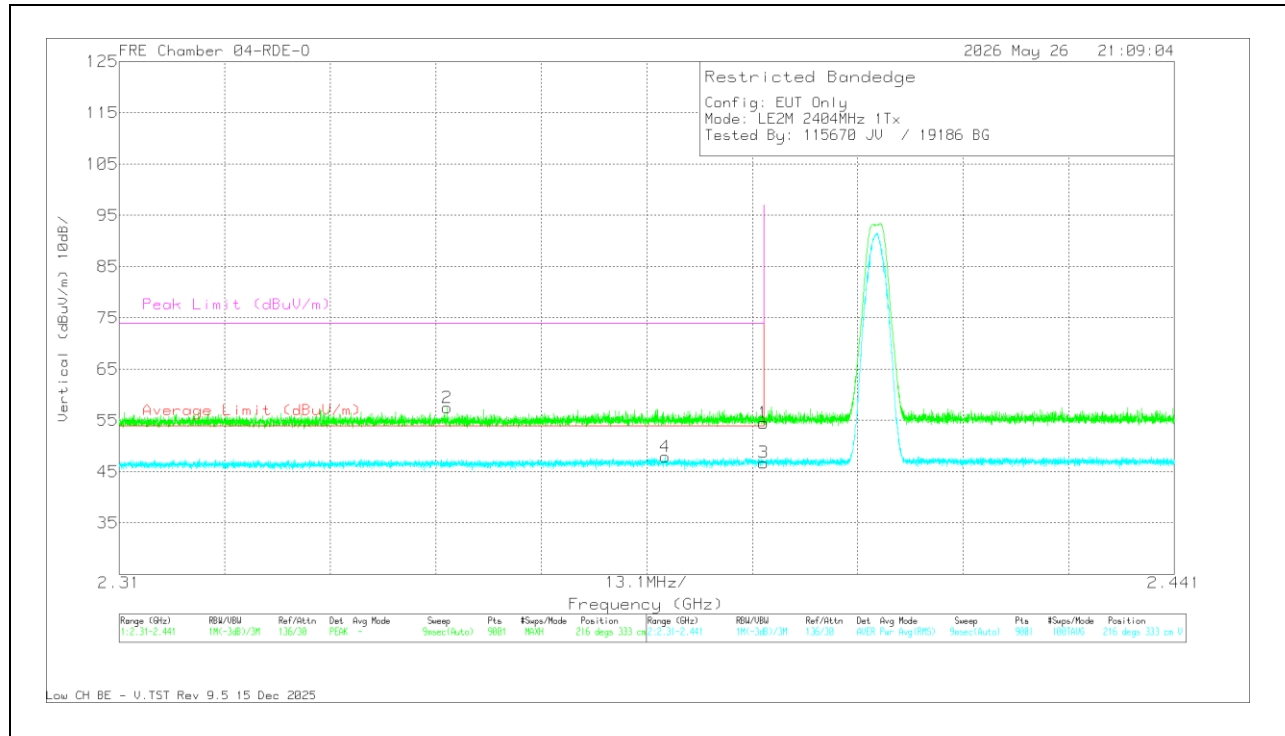
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	200896 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.95	Pk	32.2	0	-37.08	55.07	-	-	74	-18.93	205	208	H
2	* 2.386128	62.38	Pk	32.2	0	-37.11	57.47	-	-	74	-16.53	205	208	H
3	* 2.39	49.69	RMS	32.2	2.46	-37.08	47.27	54	-6.73	-	-	205	208	H
4	* 2.385808	50.31	RMS	32.2	2.46	-37.11	47.86	54	-6.14	-	-	205	208	H

* - indicates frequency in CFR47 Pt 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)	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	59.39	Pk	32.2	0	-37.08	54.51	-	-	74	-19.49	216	333	V
2	* 2.350699	62.57	Pk	32	0	-37.1	57.47	-	-	74	-16.53	216	333	V
3	* 2.39	49.16	RMS	32.2	2.46	-37.08	46.74	54	-7.26	-	-	216	333	V
4	* 2.377802	50.39	RMS	32.2	2.46	-37.13	47.92	54	-6.08	-	-	216	333	V

* - indicates frequency in CFR47 Pt 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)	DCCF (dB)	Amp/Cb/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2480	4	* 2.4835	60.43	Pk	32.4	0	-36.91	55.92	-	-	74	-18.08	200	227	H
			* 2.492377	62.58	Pk	32.4	0	-36.93	58.05	-	-	74	-15.95	200	227	H
			* 2.4835	49.29	RMS	32.4	0.12	-36.91	44.9	54	-9.1	-	-	200	227	H
			* 2.483688	50.52	RMS	32.4	0.12	-36.9	46.14	54	-7.86	-	-	200	227	H
			* 2.4835	60.99	Pk	32.4	0	-36.91	56.48	-	-	74	-17.52	200	309	V
			2.51099	62.6	Pk	32.5	0	-36.88	58.22	-	-	-	-	200	309	V
		3	* 2.4835	49.29	RMS	32.4	0.12	-36.91	44.9	54	-9.1	-	-	200	309	V
			* 2.492635	50.29	RMS	32.4	0.12	-36.93	45.88	54	-8.12	-	-	200	309	V
			* 2.4835	61.62	Pk	32.3	0	-39.37	54.55	-	-	74	-19.45	18	138	H
			* 2.48362	63.27	Pk	32.3	0	-39.37	56.2	-	-	74	-17.8	18	138	H
			* 2.4835	51.1	RMS	32.3	0.12	-39.37	44.15	54	-9.85	-	-	18	138	H
			* 2.483566	51.77	RMS	32.3	0.12	-39.37	44.82	54	-9.18	-	-	18	138	H
			* 2.4835	61.37	Pk	32.3	0	-39.37	54.3	-	-	74	-19.7	333	375	V
			2.501704	63.46	Pk	32.4	0	-39.34	56.52	-	-	-	-	333	375	V
			* 2.4835	50.88	RMS	32.3	0.12	-39.37	43.93	54	-10.07	-	-	333	375	V
			* 2.483796	51.35	RMS	32.3	0.12	-39.37	44.4	54	-9.6	-	-	333	375	V
LE1M	2480	4	* 2.4835	61.53	Pk	32.4	0	-36.91	57.02	-	-	74	-16.98	176	110	H
			2.506082	62.81	Pk	32.5	0	-36.95	58.36	-	-	-	-	176	110	H
			* 2.4835	50.08	RMS	32.4	0.71	-36.91	46.28	54	-7.72	-	-	176	110	H
			* 2.484	50.63	RMS	32.4	0.71	-36.9	46.84	54	-7.16	-	-	176	110	H
			* 2.4835	61.03	Pk	32.4	0	-36.91	56.52	-	-	74	-17.48	145	378	V
			* 2.487633	62.34	Pk	32.4	0	-36.94	57.8	-	-	74	-16.2	145	378	V
		3	* 2.4835	50.17	RMS	32.4	0.71	-36.91	46.37	54	-7.63	-	-	145	378	V
			* 2.48381	50.84	RMS	32.4	0.71	-36.9	47.05	54	-6.95	-	-	145	378	V
			* 2.4835	62.01	Pk	32.3	0	-39.37	54.94	-	-	74	-19.06	18	110	H
			2.539159	63.6	Pk	32.3	0	-39.22	56.68	-	-	-	-	18	110	H
			* 2.4835	51.13	RMS	32.3	0.71	-39.37	44.77	54	-9.23	-	-	18	110	H
			* 2.48362	51.89	RMS	32.3	0.71	-39.37	45.53	54	-8.47	-	-	18	110	H
			* 2.4835	61.47	Pk	32.3	0	-39.37	54.4	-	-	74	-19.6	331	367	V
			* 2.483986	63.7	Pk	32.3	0	-39.37	56.63	-	-	74	-17.37	331	367	V
			* 2.4835	50.67	RMS	32.3	0.71	-39.37	44.31	54	-9.69	-	-	331	367	V
			* 2.483715	51.3	RMS	32.3	0.71	-39.37	44.94	54	-9.06	-	-	331	367	V
LE2M	2478	4	* 2.4835	60.04	Pk	32.4	0	-36.91	55.53	-	-	74	-18.47	212	126	H
			2.50977	62.43	Pk	32.5	0	-36.88	58.05	-	-	-	-	212	126	H
			* 2.4835	49.35	RMS	32.4	2.46	-36.91	47.3	54	-6.7	-	-	212	126	H
			* 2.483864	50.43	RMS	32.4	2.46	-36.9	48.39	54	-5.61	-	-	212	126	H
			* 2.4835	59.71	Pk	32.4	0	-36.91	55.2	-	-	74	-18.8	192	351	V
			2.505621	62.2	Pk	32.5	0	-36.95	57.75	-	-	-	-	192	351	V
		3	* 2.4835	49.51	RMS	32.4	2.46	-36.91	47.46	54	-6.54	-	-	192	351	V
			* 2.485423	50.12	RMS	32.4	2.46	-36.93	48.05	54	-5.95	-	-	192	351	V
			* 2.4835	62.16	Pk	32.3	0	-39.37	55.09	-	-	74	-18.91	100	111	H
			2.507031	63.26	Pk	32.4	0	-39.3	56.36	-	-	-	-	100	111	H
			* 2.4835	50.9	RMS	32.3	2.46	-39.37	46.3	54	-7.7	-	-	100	111	H
			* 2.484786	51.53	RMS	32.3	2.46	-39.36	46.94	54	-7.06	-	-	100	111	H
			* 2.4835	61.24	Pk	32.3	0	-39.37	54.17	-	-	74	-19.83	56	367	V
			2.518391	62.98	Pk	32.3	0	-39.3	55.98	-	-	-	-	56	367	V
			* 2.4835	50.86	RMS	32.3	2.46	-39.37	46.25	54	-7.75	-	-	56	367	V
			* 2.484067	51.09	RMS	32.3	2.46	-39.37	46.48	54	-7.52	-	-	56	367	V
HDT8	2476	4	* 2.4835	67.66	Pk	32.3	0	-39.37	60.59	-	-	74	-13.41	351	186	H
			* 2.483539	67.3	Pk	32.3	0	-39.37	60.23	-	-	74	-13.77	351	186	H
			* 2.4835	52.36	RMS	32.3	0.49	-39.37	45.78	54	-8.22	-	-	351	186	H
			* 2.483634	52.76	RMS	32.3	0.49	-39.37	46.18	54	-7.82	-	-	351	186	H
			* 2.4835	61.53	Pk	32.3	0	-39.37	54.46	-	-	74	-19.54	275	380	V
			2.538576	63.57	Pk	32.3	0	-39.23	56.64	-	-	74	-17.36	275	380	V
		3	* 2.4835	50.28	RMS	32.3	0.49	-39.37	43.7	54	-10.3	-	-	275	380	V
			* 2.496241	50.96	RMS	32.4	0.49	-39.32	44.53	54	-9.47	-	-	275	380	V
			* 2.4835	72.08	Pk	32.3	0	-39.37	65.01	-	-	74	-8.99	3	183	H
			* 2.483512	72.62	Pk	32.3	0	-39.37	65.55	-	-	74	-8.45	3	183	H
			* 2.4835	54.09	RMS	32.3	0.49	-39.37	47.51	54	-6.49	-	-	3	183	H
			* 2.483769	55.24	RMS	32.3	0.49	-39.37	48.66	54	-5.34	-	-	3	183	H
			* 2.4835	70.1	Pk	32.3	0	-39.37	63.03	-	-	74	-10.97	330	365	V
			* 2.483539	70.43	Pk	32.3	0	-39.37	63.36	-	-	74	-10.64	330	365	V
			* 2.4835	53.11	RMS	32.3	0.49	-39.37	46.53	54	-7.47	-	-	330	365	V
			* 2.483579	54.55	RMS	32.3	0.49	-39.37	47.97	54	-6.03	-	-	330	365	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)	DCCF (dB)	Amp/Cbl/ Fitr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2480	4+3	* 2.4835	61.38	Pk	32.4	0	-36.91	56.87	-	-	74	-17.13	43	164	H
			* 2.483674	62.56	Pk	32.4	0	-36.9	58.06	-	-	74	-15.94	43	164	H
			* 2.4835	51.04	RMS	32.4	0.12	-36.91	46.65	54	-7.35	-	-	43	164	H
			* 2.48362	51.52	RMS	32.4	0.12	-36.9	47.14	54	-6.86	-	-	43	164	H
			* 2.4835	60.65	Pk	32.4	0	-36.91	56.14	-	-	74	-17.86	181	312	V
			* 2.483959	62.53	Pk	32.4	0	-36.9	58.03	-	-	74	-15.97	181	312	V
			* 2.4835	49.29	RMS	32.4	0.12	-36.91	44.9	54	-9.1	-	-	181	312	V
LE1M	2480	4+3	2.525386	50.31	RMS	32.5	0.12	-36.87	46.06	-	-	-	-	181	312	V
			* 2.4835	61	Pk	32.4	0	-36.91	56.49	-	-	74	-17.51	52	250	H
			* 2.483566	63.09	Pk	32.4	0	-36.9	58.59	-	-	74	-15.41	52	250	H
			* 2.4835	50.48	RMS	32.4	0.71	-36.91	46.68	54	-7.32	-	-	52	250	H
			* 2.483566	51.44	RMS	32.4	0.71	-36.9	47.65	54	-6.35	-	-	52	250	H
			* 2.4835	61.08	Pk	32.4	0	-36.91	56.57	-	-	74	-17.43	161	314	V
			2.508482	62.73	Pk	32.5	0	-36.91	58.32	-	-	-	-	161	314	V
LE2M	2478	4+3	* 2.4835	50.01	RMS	32.4	0.71	-36.91	46.21	54	-7.79	-	-	161	314	V
			* 2.484637	50.5	RMS	32.4	0.71	-36.92	46.69	54	-7.31	-	-	161	314	V
			* 2.4835	63.31	Pk	31.9	0	-40.96	54.25	-	-	74	-19.75	21	140	H
			* 2.484176	63.67	Pk	31.9	0	-40.96	54.61	-	-	74	-19.39	21	140	H
			* 2.4835	51.47	RMS	31.9	2.46	-40.96	44.87	54	-9.13	-	-	21	140	H
			* 2.484488	52	RMS	31.9	2.46	-40.96	45.4	54	-8.6	-	-	21	140	H
			* 2.4835	61.78	Pk	31.9	0	-40.96	52.72	-	-	74	-21.28	324	376	V
HDT8	2476	4+3	* 2.484989	63.95	Pk	31.9	0	-40.97	54.88	-	-	74	-19.12	324	376	V
			* 2.4835	51.44	RMS	31.9	2.46	-40.96	44.84	54	-9.16	-	-	324	376	V
			* 2.483905	52.36	RMS	31.9	2.46	-40.96	45.76	54	-8.24	-	-	324	376	V
			* 2.4835	74.74	Pk	31.9	0	-40.96	65.68	-	-	74	-8.32	18	139	H
			* 2.483552	74.81	Pk	31.9	0	-40.96	65.75	-	-	74	-8.25	18	139	H
			* 2.4835	57.08	RMS	31.9	0.49	-40.96	48.51	54	-5.49	-	-	18	139	H
			* 2.483552	59.41	RMS	31.9	0.49	-40.96	50.84	54	-3.16	-	-	18	139	H
			* 2.4835	68.1	Pk	31.9	0	-40.96	59.04	-	-	74	-14.96	321	377	V
			* 2.483512	68.67	Pk	31.9	0	-40.96	59.61	-	-	74	-14.39	321	377	V
			* 2.4835	52.1	RMS	31.9	0.49	-40.96	43.53	54	-10.47	-	-	321	377	V
			* 2.483634	53.1	RMS	31.9	0.49	-40.96	44.53	54	-9.47	-	-	321	377	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)	DCCF (dB)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2480	4	* 2.4835	60.01	Pk	32.4	0	-36.91	55.5	-	-	74	-18.5	186	226	H
			* 2.498369	62.44	Pk	32.4	0	-36.88	57.96	-	-	74	-16.04	186	226	H
			* 2.4835	49.23	RMS	32.4	0.12	-36.91	44.84	54	-9.16	-	-	186	226	H
			2.504849	50.2	RMS	32.5	0.12	-36.94	45.88	-	-	-	-	186	226	H
			* 2.4835	59.94	Pk	32.4	0	-36.91	55.43	-	-	74	-18.57	201	385	V
			2.550722	62.46	Pk	32.3	0	-36.72	58.04	-	-	-	-	201	385	V
			* 2.4835	49.28	RMS	32.4	0.12	-36.91	44.89	54	-9.11	-	-	201	385	V
			2.512874	49.96	RMS	32.5	0.12	-36.88	45.7	-	-	-	-	201	385	V
		3	* 2.4835	62.25	Pk	31.9	0	-40.96	53.19	-	-	74	-20.81	14	140	H
			2.561404	64.22	Pk	32.3	0	-40.76	55.76	-	-	-	-	14	140	H
			* 2.4835	51.36	RMS	31.9	0.12	-40.96	42.42	54	-11.58	-	-	14	140	H
			2.551658	51.51	RMS	32.2	0.12	-40.75	43.08	-	-	-	-	14	140	H
			* 2.4835	61.8	Pk	31.9	0	-40.96	52.74	-	-	74	-21.26	323	377	V
			2.548201	65.11	Pk	32.2	0	-40.78	56.53	-	-	-	-	323	377	V
			* 2.4835	50.74	RMS	31.9	0.12	-40.96	41.8	54	-12.2	-	-	323	377	V
			2.559723	51.4	RMS	32.3	0.12	-40.76	43.06	-	-	-	-	323	377	V
LE1M	2480	4	* 2.4835	59.63	Pk	32.4	0	-36.91	55.12	-	-	74	-18.88	200	249	H
			2.506191	62.13	Pk	32.5	0	-36.95	57.68	-	-	-	-	200	249	H
			* 2.4835	49.09	RMS	32.4	0.71	-36.91	45.29	54	-8.71	-	-	200	249	H
			* 2.486358	50.35	RMS	32.4	0.71	-36.92	46.54	54	-7.46	-	-	200	249	H
			* 2.4835	60.15	Pk	32.4	0	-36.91	55.64	-	-	74	-18.36	187	394	V
			2.547808	62.1	Pk	32.4	0	-36.8	57.7	-	-	-	-	187	394	V
			* 2.4835	49.32	RMS	32.4	0.71	-36.91	45.52	54	-8.48	-	-	187	394	V
			* 2.496946	50.2	RMS	32.4	0.71	-36.89	46.42	54	-7.58	-	-	187	394	V
		3	* 2.4835	60.36	Pk	32.4	0	-36.91	55.85	-	-	74	-18.15	33	121	H
			2.556321	62.26	Pk	32.3	0	-36.77	57.79	-	-	-	-	33	121	H
			* 2.4835	49.52	RMS	32.4	0.71	-36.91	45.72	54	-8.28	-	-	33	121	H
			2.509919	50.03	RMS	32.5	0.71	-36.88	46.36	-	-	-	-	33	121	H
			* 2.4835	60.48	Pk	32.4	0	-36.91	55.97	-	-	74	-18.03	335	394	V
			2.553067	62.36	Pk	32.3	0	-36.72	57.94	-	-	-	-	335	394	V
			* 2.4835	48.79	RMS	32.4	0.71	-36.91	44.99	54	-9.01	-	-	335	394	V
			* 2.484244	50.27	RMS	32.4	0.71	-36.91	46.47	54	-7.53	-	-	335	394	V
LE2M	2478	4	* 2.4835	60.34	Pk	32.4	0	-36.91	55.83	-	-	74	-18.17	228	125	H
			2.529209	62.47	Pk	32.5	0	-36.89	58.08	-	-	-	-	228	125	H
			* 2.4835	49.38	RMS	32.4	2.46	-36.91	47.33	54	-6.67	-	-	228	125	H
			2.503303	50.17	RMS	32.5	2.46	-36.94	48.19	-	-	-	-	228	125	H
			* 2.4835	59.51	Pk	32.4	0	-36.91	55	-	-	74	-19	193	305	V
			2.511505	62.33	Pk	32.5	0	-36.89	57.94	-	-	-	-	193	305	V
			* 2.4835	49.03	RMS	32.4	2.46	-36.91	46.98	54	-7.02	-	-	193	305	V
			2.511003	50.07	RMS	32.5	2.46	-36.88	48.15	-	-	-	-	193	305	V
		3	* 2.4835	61.61	Pk	31.9	0	-40.96	52.55	-	-	74	-21.45	10	139	H
			2.56299	64.15	Pk	32.3	0	-40.73	55.72	-	-	-	-	10	139	H
			* 2.4835	50.8	RMS	31.9	2.46	-40.96	44.2	54	-9.8	-	-	10	139	H
			2.56234	51.36	RMS	32.3	2.46	-40.74	45.38	-	-	-	-	10	139	H
			* 2.4835	60.97	Pk	31.9	0	-40.96	51.91	-	-	74	-22.09	15	140	V
			2.542318	64.53	Pk	32.2	0	-40.83	55.9	-	-	-	-	15	140	V
			* 2.4835	50.43	RMS	31.9	2.46	-40.96	43.83	54	-10.17	-	-	15	140	V
			2.546764	51.73	RMS	32.2	2.46	-40.79	45.6	-	-	-	-	15	140	V
HDT8	2476	4	* 2.4835	59.82	Pk	32.3	0	-37.92	54.2	-	-	74	-19.8	143	110	H
			* 2.483756	61.57	Pk	32.3	0	-37.93	55.94	-	-	74	-18.06	143	110	H
			* 2.4835	46.88	RMS	32.3	0.49	-37.92	41.75	54	-12.25	-	-	143	110	H
			2.537939	47.42	RMS	32.4	0.49	-37.66	42.65	-	-	-	-	143	110	H
			* 2.4835	58.34	Pk	32.3	0	-37.92	52.72	-	-	74	-21.28	191	195	V
			2.538779	59.68	Pk	32.4	0	-37.63	54.45	-	-	-	-	191	195	V
			* 2.4835	46.46	RMS	32.3	0.49	-37.92	41.33	54	-12.67	-	-	191	195	V
			2.538888	47.16	RMS	32.4	0.49	-37.62	42.43	-	-	-	-	191	195	V
		3	* 2.4835	71.22	Pk	31.9	0	-40.96	62.16	-	-	74	-11.84	14	140	H
			* 2.483905	72.63	Pk	31.9	0	-40.96	63.57	-	-	74	-10.43	14	140	H
			* 2.4835	58.59	RMS	31.9	0.49	-40.96	50.02	54	-3.98	-	-	14	140	H
			* 2.483566	59.71	RMS	31.9	0.49	-40.96	51.14	54	-2.86	-	-	14	140	H
			* 2.4835	63.28	Pk	31.9	0	-40.96	54.22	-	-	74	-19.78	13	102	V
			* 2.484271	65.94	Pk	31.9	0	-40.96	56.88	-	-	74	-17.12	13	102	V
			* 2.4835	51.08	RMS	31.9	0.49	-40.96	42.51	54	-11.49	-	-	13	102	V
			* 2.483742	52.19	RMS	31.9	0.49	-40.96	43.62	54	-10.38	-	-	13	102	V

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

Pk - Peak detector

RMS - RMS detection

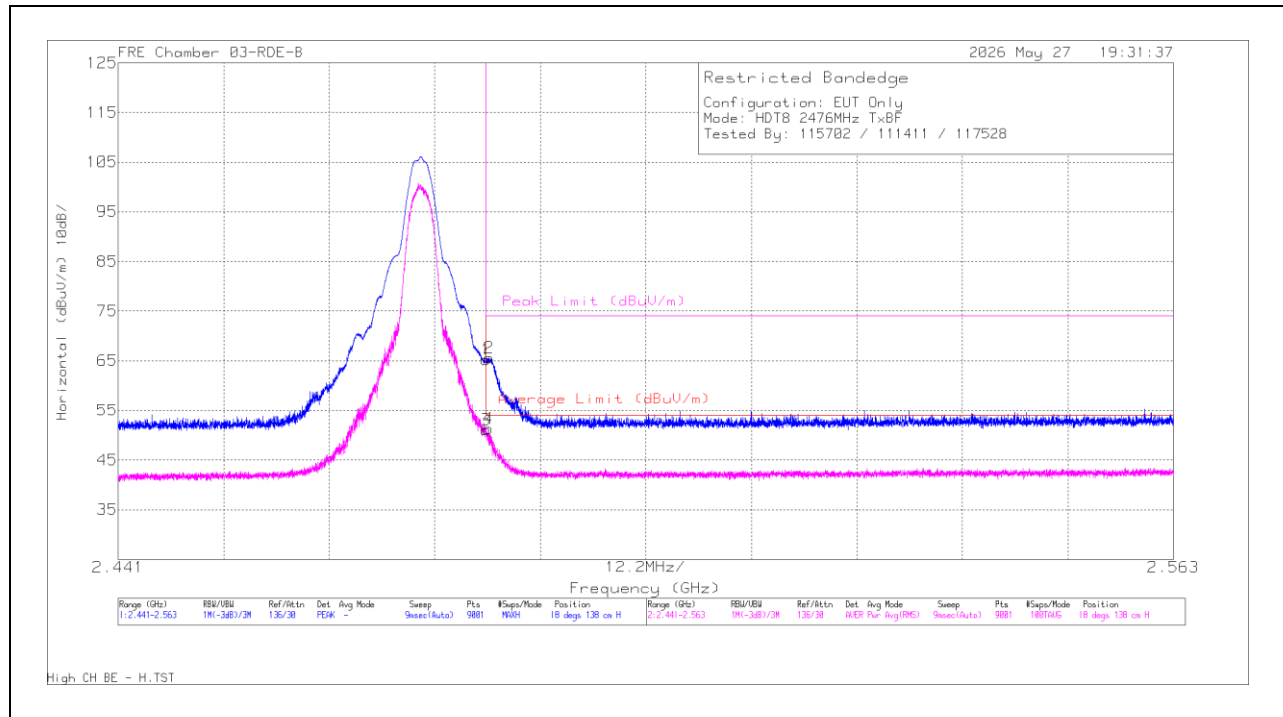
9.1.9. HIGH BAND EDGE – LOW POWER – MIMO TXBF

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	DCCF (dB)	Amp/Cbl/ Fitr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2480	4+3	* 2.4835	60.21	Pk	32.4	0	-36.91	55.7	-	-	74	-18.3	193	163	H
			2.52075	62.21	Pk	32.5	0	-36.9	57.81	-	-	-	-	193	163	H
			* 2.4835	49.57	RMS	32.4	0.12	-36.91	45.18	54	-8.82	-	-	193	163	H
			* 2.485992	50.45	RMS	32.4	0.12	-36.92	46.05	54	-7.95	-	-	193	163	H
			* 2.4835	59.86	Pk	32.4	0	-36.91	55.35	-	-	74	-18.65	184	392	V
			2.500375	62.29	Pk	32.5	0	-36.91	57.88	-	-	-	-	184	392	V
			* 2.4835	48.76	RMS	32.4	0.12	-36.91	44.37	54	-9.63	-	-	184	392	V
			2.54309	50.31	RMS	32.4	0.12	-36.89	45.94	-	-	-	-	184	392	V
LE1M	2480	4+3	* 2.4835	61.19	Pk	32.4	0	-36.91	56.68	-	-	74	-17.32	206	178	H
			* 2.487009	62.44	Pk	32.4	0	-36.93	57.91	-	-	74	-16.09	206	178	H
			* 2.4835	48.9	RMS	32.4	0.71	-36.91	45.1	54	-8.9	-	-	206	178	H
			2.500999	50.24	RMS	32.5	0.71	-36.91	46.54	-	-	-	-	206	178	H
			* 2.4835	59.8	Pk	32.4	0	-36.91	55.29	-	-	74	-18.71	130	366	V
			2.546425	62.23	Pk	32.4	0	-36.84	57.79	-	-	-	-	130	366	V
			* 2.4835	49.47	RMS	32.4	0.71	-36.91	45.67	54	-8.33	-	-	130	366	V
			* 2.486426	50.3	RMS	32.4	0.71	-36.92	46.49	54	-7.51	-	-	130	366	V
LE2M	2478	4+3	* 2.4835	61.69	Pk	31.9	0	-40.96	52.63	-	-	74	-21.37	20	118	H
			2.554152	63.63	Pk	32.2	0	-40.76	55.07	-	-	-	-	20	118	H
			* 2.4835	50.71	RMS	31.9	2.46	-40.96	44.11	54	-9.89	-	-	20	118	H
			2.562882	51.43	RMS	32.3	2.46	-40.73	45.46	-	-	-	-	20	118	H
			* 2.4835	61.01	Pk	31.9	0	-40.96	51.95	-	-	74	-22.05	18	118	V
			2.541992	63.49	Pk	32.2	0	-40.83	54.86	-	-	-	-	18	118	V
			* 2.4835	50.38	RMS	31.9	2.46	-40.96	43.78	54	-10.22	-	-	18	118	V
			2.552539	51.73	RMS	32.2	2.46	-40.75	45.64	-	-	-	-	18	118	V
HDT8	2476	4+3	* 2.4835	74.28	Pk	31.9	0	-40.96	65.22	-	-	74	-8.78	18	138	H
			* 2.483851	74.63	Pk	31.9	0	-40.96	65.57	-	-	74	-8.43	18	138	H
			* 2.4835	59.63	RMS	31.9	0.49	-40.96	51.06	54	-2.94	-	-	18	138	H
			* 2.483823	59.87	RMS	31.9	0.49	-40.96	51.3	54	-2.7	-	-	18	138	H
			* 2.4835	70.14	Pk	31.9	0	-40.96	61.08	-	-	74	-12.92	322	377	V
			* 2.483905	71.42	Pk	31.9	0	-40.96	62.36	-	-	74	-11.64	322	377	V
			* 2.4835	55.01	RMS	31.9	0.49	-40.96	46.44	54	-7.56	-	-	322	377	V
			* 2.483769	55.97	RMS	31.9	0.49	-40.96	47.4	54	-6.6	-	-	322	377	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**HDT8 / 2476 MHz / LOW POWER / MIMO TXBF****HORIZONTAL RESULT****MEASURED DATA**

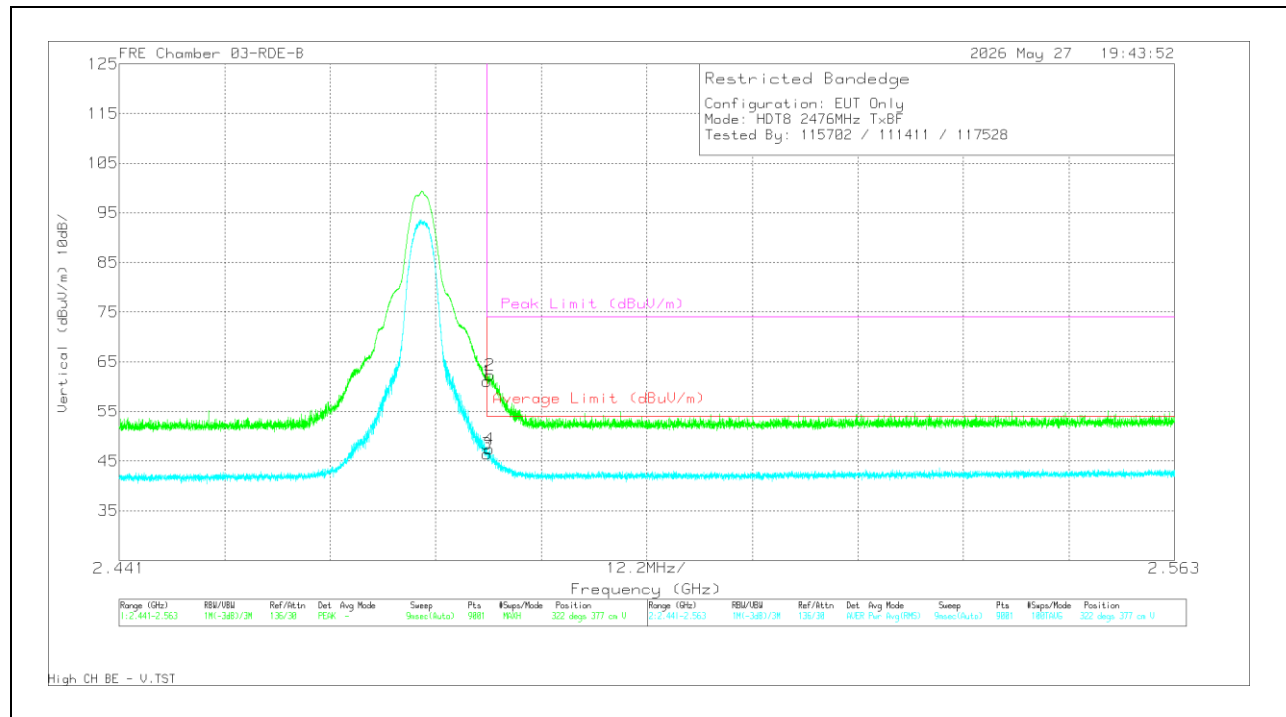
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	74.28	Pk	31.9	0	-40.96	65.22	-	-	74	-8.78	18	138	H
2	* 2.483851	74.63	Pk	31.9	0	-40.96	65.57	-	-	74	-8.43	18	138	H
3	* 2.4835	59.63	RMS	31.9	.49	-40.96	51.06	54	-2.94	-	-	18	138	H
4	* 2.483823	59.87	RMS	31.9	.49	-40.96	51.3	54	-2.7	-	-	18	138	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	70.14	Pk	31.9	0	-40.96	61.08	-	-	74	-12.92	322	377	V
2	* 2.483905	71.42	Pk	31.9	0	-40.96	62.36	-	-	74	-11.64	322	377	V
3	* 2.4835	55.01	RMS	31.9	.49	-40.96	46.44	54	-7.56	-	-	322	377	V
4	* 2.483769	55.97	RMS	31.9	.49	-40.96	47.4	54	-6.6	-	-	322	377	V

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

Pk - Peak detector

RMS - RMS detection

9.1.11. SPURIOUS EMISSIONS – HIGH POWER – MIMO TXBF

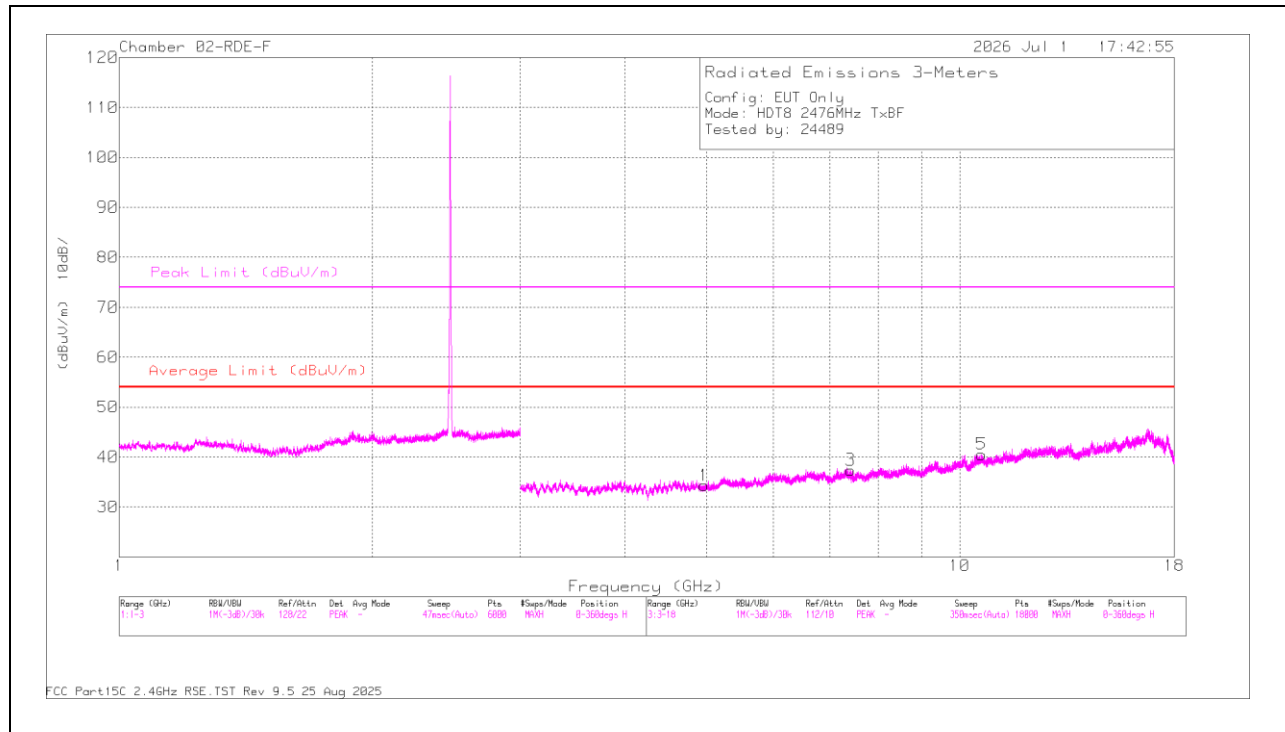
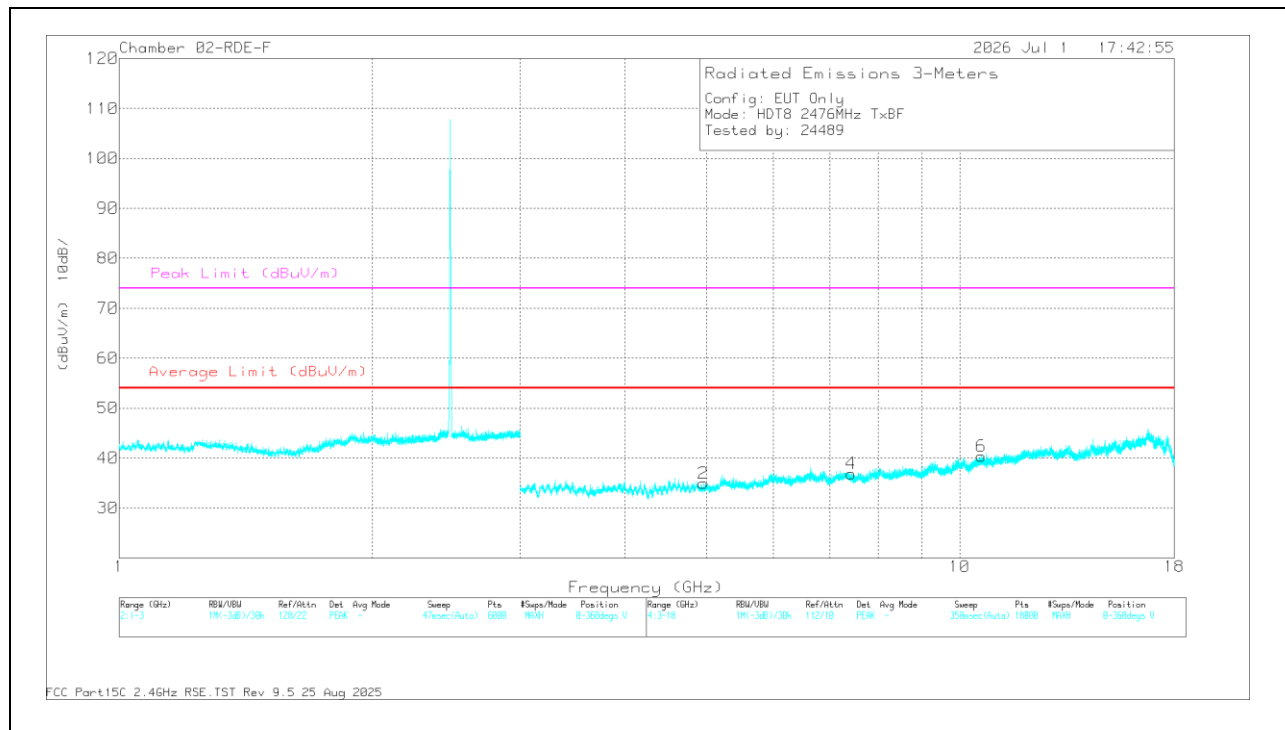
Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	DCCF (dB)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LELR8	2402	4 + 3	* 4.794723	55.29	PK2	34.2	0	-45.28	44.21	-	-	74	-29.79	0	200	H
			* 4.795332	56.19	PK2	34.2	0	-45.29	45.1	-	-	74	-28.9	0	101	V
			* 4.812954	44.04	MAv1	34.2	0.12	-45.24	33.12	54	-20.88	-	-	0	101	V
			* 4.817861	43.94	MAv1	34.2	0.12	-45.25	33.01	54	-20.99	-	-	0	200	H
			7.183022	54.02	PK2	35.6	0	-42.63	46.99	-	-	-	-	0	200	H
			7.191715	41.88	MAv1	35.6	0.12	-42.59	35.01	-	-	-	-	0	200	H
			7.205476	54.07	PK2	35.6	0	-42.62	47.05	-	-	-	-	0	200	V
			7.206631	43.06	MAv1	35.6	0.12	-42.63	36.15	-	-	-	-	0	200	V
			9.582183	54.58	PK2	36.5	0	-42.78	48.3	-	-	-	-	0	200	H
			9.584112	42.93	MAv1	36.6	0.12	-42.79	36.86	-	-	-	-	0	200	H
			9.600379	54.6	PK2	36.6	0	-42.67	48.53	-	-	-	-	0	101	V
			9.624588	42.89	MAv1	36.6	0.12	-42.73	33.25	-	-	-	-	0	101	V
	2440	4 + 3	* 4.851007	44.12	MAv1	34.2	0.12	-45.05	33.39	54	-20.61	-	-	360	199	V
			* 4.856469	56.52	PK2	34.2	0	-44.99	45.73	-	-	74	-28.27	360	199	V
			* 4.858227	55.86	PK2	34.2	0	-45	45.06	-	-	74	-28.94	360	199	H
			* 4.860881	43.91	MAv1	34.2	0.12	-45	33.23	54	-20.77	-	-	360	199	H
			* 7.308473	42.38	MAv1	35.6	0.12	-43.44	34.66	54	-19.34	-	-	360	101	H
			* 7.317402	42.26	MAv1	35.6	0.12	-43.46	34.52	54	-19.48	-	-	360	101	V
			* 7.318633	53.85	PK2	35.6	0	-43.45	46	-	-	74	-28	360	101	V
			* 7.319117	54.45	PK2	35.6	0	-43.45	46.6	-	-	74	-27.4	360	101	H
			9.736289	54.8	PK2	36.7	0	-42.46	49.04	-	-	-	-	360	199	H
			9.741827	42.8	MAv1	36.7	0.12	-42.71	36.91	-	-	-	-	360	199	H
			9.750107	42.85	MAv1	36.8	0.12	-42.51	37.26	-	-	-	-	360	101	V
			9.769569	54.53	PK2	36.8	0	-42.67	48.66	-	-	-	-	360	101	V
	2480	4 + 3	* 4.974833	43.2	MAv1	34.2	0.12	-44.61	32.91	54	-21.09	-	-	360	200	V
			* 4.979353	55.31	PK2	34.2	0	-44.61	44.9	-	-	74	-29.1	360	200	V
			* 4.981877	55.47	PK2	34.2	0	-44.59	45.08	-	-	74	-28.92	360	101	H
			* 4.983726	43.22	MAv1	34.2	0.12	-44.59	32.95	54	-21.05	-	-	360	101	H
			* 7.41159	42.06	MAv1	35.6	0.12	-43.26	34.52	54	-19.48	-	-	360	101	H
			* 7.433635	54.29	PK2	35.6	0	-43.3	46.59	-	-	74	-27.41	360	101	H
			* 7.443007	42.02	MAv1	35.6	0.12	-43.25	34.49	54	-19.51	-	-	360	101	V
			* 7.465567	54.03	PK2	35.6	0	-43.21	46.42	-	-	74	-27.58	360	101	V
			9.900012	42.49	MAv1	37	0.12	-42.38	37.23	-	-	-	-	360	200	V
			9.919166	42.64	MAv1	37	0.12	-42.43	37.33	-	-	-	-	360	101	H
			9.92086	54.61	PK2	37	0	-42.39	49.22	-	-	-	-	360	200	V
			9.921983	54.48	PK2	37	0	-42.35	49.13	-	-	-	-	360	101	H
LE1M	2402	4 + 3	* 4.218643	57.47	PK2	33.5	0	-46.37	44.6	-	-	74	-29.4	299	101	H
			* 4.217514	45.92	MAv1	33.5	0.71	-46.39	33.74	54	-20.26	-	-	299	101	H
			* 4.171666	58.15	PK2	33.4	0	-46.68	44.87	-	-	74	-29.13	206	101	V
			* 4.174	45.95	MAv1	33.4	0.71	-46.65	33.41	54	-20.59	-	-	206	101	V
			7.210381	62.37	PK2	35.7	0	-44.83	53.24	-	-	-	-	299	376	H
			7.211939	70.42	PK2	35.7	0	-44.92	61.2	-	-	-	-	206	349	V
			7.215052	44.34	MAv1	35.7	0.71	-45.06	35.69	-	-	-	-	299	376	H
			7.225014	44.29	MAv1	35.7	0.71	-44.81	35.89	-	-	-	-	206	349	V
			16.681243	46.45	MAv1	42	0.71	-44.67	44.49	-	-	-	-	299	199	H
			16.691976	58.31	PK2	42	0	-44.67	55.64	-	-	-	-	299	199	H
			16.716186	57.59	PK2	42	0	-44.9	54.69	-	-	-	-	206	199	V
			16.728888	45.93	MAv1	42.1	0.71	-44.74	44	-	-	-	-	206	199	V
	2440	4 + 3	* 4.864356	57.65	PK2	34	0	-46.58	45.07	-	-	74	-28.93	101	101	H
			* 4.872316	45.8	MAv1	34	0.71	-46.57	33.94	54	-20.06	-	-	101	101	H
			* 4.868299	57.95	PK2	34	0	-46.59	45.36	-	-	74	-28.64	101	101	V
			* 4.860463	45.77	MAv1	34	0.71	-46.66	33.82	54	-20.18	-	-	101	101	V
			* 7.305085	44.05	MAv1	35.7	0.71	-44.56	35.9	54	-18.1	-	-	85	337	V
			* 7.314014	56.49	PK2	35.7	0	-43.97	48.22	-	-	74	-25.78	85	337	V
			* 7.318883	64	PK2	35.7	0	-44.35	55.35	-	-	74	-18.65	99	313	H
			* 7.319296	44.05	MAv1	35.7	0.71	-44.36	36.1	54	-17.9	-	-	99	313	H
			9.771663	56.58	PK2	36.8	0	-45.35	48.03	-	-	-	-	101	101	V
			9.779552	45.21	MAv1	36.8	0.71	-45.18	37.54	-	-	-	-	101	101	V
			9.778925	45	MAv1	36.8	0.71	-45.18	37.33	-	-	-	-	101	101	H
			9.779996	56.92	PK2	36.8	0	-45.18	48.54	-	-	-	-	101	101	H
	2480	4 + 3	* 4.570159	58.06	PK2	34	0	-46.79	45.27	-	-	74	-28.73	0	101	H
			* 4.576022	57.87	PK2	34.1	0	-46.54	45.43	-	-	74	-28.57	0	200	V
			* 4.57695	46.26	MAv1	34.1	0.71	-46.58	34.49	54	-19.51	-	-	0	200	V
			* 4.579319	46.41	MAv1	34.1	0.71	-46.71	34.51	54	-19.49	-	-	0	101	H
			* 8.413412	55.67	PK2	35.9	0	-44.58	46.99	-	-	74	-27.01	0	101	H
			* 8.413551	55.9	PK2	35.9	0	-44.58	47.22	-	-	74	-26.78	0	101	V
			* 8.433559	44.11	MAv1	35.8	0.71	-44.63	35.99	54	-18.01	-	-	0	101	H
			* 8.44672	44.17	MAv1	35.8	0.71	-44.64	36.04	54	-17.96	-	-	0	101	V
			16.683896	58.07	PK2	42	0	-44.61	55.46	-	-	-	-	0	101	V
			16.684047	45.99	MAv1	42	0.71	-44.62	44.08	-	-	-	-	0	101	V
			16.706878	45.55	MAv1	42	0.71	-44.9	43.36	-	-	-	-	0	200	H
			16.7083	57.34	PK2	42	0	-44.9	54.44	-	-	-	-	0	200	H

Mode (MIMO TXBF)	Channel Frequency (MHz)	Antenna #	Frequency (GHz)	Meter Reading (dBuV)	Detector	ACF (dB/m)	DCCF (dB)	Amp/Cbl/ Ftr/Pad (dB)	Correct Reading (dBuV/m)	Average Limit (dBuV/m)	Average Margin (dB)	Peak Limit (dBuV/m)	Peak Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE2M	2404	4 + 3	* 4.790616	57.8	PK2	34	0	-47.06	44.74	-	-	74	-29.26	0	101	V
			* 4.799179	57.76	PK2	34	0	-47.07	44.69	-	-	74	-29.31	0	101	H
			* 4.809464	46.01	MAv1	34	2.46	-47.11	35.36	54	-18.64	-	-	0	101	H
			* 4.811154	45.84	MAv1	34	2.46	-47.07	35.23	54	-18.77	-	-	0	101	V
			* 7.29487	55.44	PK2	35.7	0	-44.64	46.5	-	-	74	-27.5	0	101	V
			* 7.297284	43.7	MAv1	35.7	2.46	-44.47	37.39	54	-16.61	-	-	0	101	V
			* 7.298955	43.84	MAv1	35.7	2.46	-44.37	37.63	54	-16.37	-	-	0	101	H
			* 7.331902	56.05	PK2	35.7	0	-44.28	47.47	-	-	74	-26.53	0	101	H
			* 9.468119	55.71	PK2	36.5	0	-44.62	47.59	-	-	74	-26.41	0	101	V
			* 9.468244	44.28	MAv1	36.5	2.46	-44.62	38.62	54	-15.38	-	-	0	101	V
			* 9.479568	44.28	MAv1	36.5	2.46	-44.76	38.48	54	-15.52	-	-	0	101	H
			* 9.486546	56.25	PK2	36.5	0	-44.68	48.07	-	-	74	-25.93	0	101	H
	2440	4 + 3	3.3808	58.44	PK2	32.7	0	-46.01	45.13	-	-	-	-	360	100	H
			3.38452	46	MAv1	32.7	2.46	-45.87	35.29	-	-	-	-	360	201	V
			3.390969	58.17	PK2	32.7	0	-46.12	44.75	-	-	-	-	360	201	V
			3.392933	46.05	MAv1	32.7	2.46	-45.93	35.28	-	-	-	-	360	100	H
			7.241065	57.82	PK2	35.7	0	-45.64	47.88	-	-	-	-	360	100	H
			* 7.262545	57.49	PK2	35.7	0	-45.68	47.51	-	-	74	-26.49	360	200	V
			* 7.266189	45.88	MAv1	35.7	2.46	-45.67	38.37	54	-15.63	-	-	360	100	H
			* 7.27599	45.83	MAv1	35.6	2.46	-45.61	38.28	54	-15.72	-	-	360	200	V
			10.218127	47.14	MAv1	37.4	2.46	-46.12	40.88	-	-	-	-	360	100	H
			10.224787	59.22	PK2	37.4	0	-46.07	50.55	-	-	-	-	360	200	V
			10.249756	47.28	MAv1	37.4	2.46	-45.86	41.28	-	-	-	-	360	200	V
			10.250727	59.08	PK2	37.4	0	-45.85	50.63	-	-	-	-	360	100	H
	2478	4 + 3	* 4.940126	44.96	MAv1	34	2.46	-46.49	34.93	54	-19.07	-	-	0	101	V
			* 4.941044	44.85	MAv1	34	2.46	-46.52	34.79	54	-19.21	-	-	0	101	H
			* 4.941366	56.85	PK2	34	0	-46.53	44.32	-	-	74	-29.68	0	101	V
			* 4.955898	57.19	PK2	34	0	-46.77	44.42	-	-	74	-29.58	0	101	H
			* 7.444827	56.33	PK2	35.8	0	-44.95	47.18	-	-	74	-26.82	0	101	V
			* 7.445046	56.26	PK2	35.8	0	-44.94	47.12	-	-	74	-26.88	106	186	H
			* 7.450122	44.08	MAv1	35.7	2.46	-45.07	37.17	54	-16.83	-	-	106	186	H
			* 7.462947	43.95	MAv1	35.7	2.46	-45.15	36.96	54	-17.04	-	-	0	101	V
			9.883548	57.89	PK2	36.9	0	-44.93	49.86	-	-	-	-	0	101	V
			9.885846	45.39	MAv1	37	2.46	-44.99	39.86	-	-	-	-	0	101	V
			9.919192	57.03	PK2	37	0	-45.17	48.86	-	-	-	-	0	101	H
			9.928201	45.18	MAv1	37	2.46	-44.99	39.65	-	-	-	-	0	101	H
HDT8	2404	4 + 3	* 4.799072	59.71	PK2	33.9	0	-48.18	45.43	-	-	74	-28.57	360	100	H
			* 4.819312	47.8	MAv1	33.8	0.49	-47.96	34.13	54	-19.87	-	-	360	100	H
			* 4.819495	59.61	PK2	33.8	0	-47.98	45.43	-	-	74	-28.57	360	201	V
			* 4.82601	47.7	MAv1	33.8	0.49	-48.08	33.91	54	-20.09	-	-	360	201	V
			7.21406	58.01	PK2	35.7	0	-45.52	48.19	-	-	-	-	12	200	V
			7.220807	57.3	PK2	35.7	0	-45.67	47.33	-	-	-	-	360	100	H
			7.224647	45.74	MAv1	35.7	0.49	-45.65	36.28	-	-	-	-	360	100	H
			7.2309	46	MAv1	35.7	0.49	-45.62	36.57	-	-	-	-	12	200	V
			9.608817	46.57	MAv1	36.7	0.49	-45.11	38.65	-	-	-	-	12	200	V
			9.610617	58.24	PK2	36.7	0	-45.16	49.78	-	-	-	-	360	100	H
			9.611395	46.44	MAv1	36.7	0.49	-45.21	38.42	-	-	-	-	360	100	H
			9.612346	58.5	PK2	36.7	0	-45.2	50	-	-	-	-	12	200	V
	2440	4 + 3	* 4.820901	48.65	MAv1	33.8	0.49	-48.93	34.01	54	-19.99	-	-	151	201	V
			* 4.82337	60.52	PK2	33.8	0	-48.98	45.34	-	-	74	-28.66	151	100	H
			* 4.824807	60.57	PK2	33.8	0	-48.98	45.39	-	-	74	-28.61	151	201	V
			* 4.827014	48.77	MAv1	33.8	0.49	-48.96	34.1	54	-19.9	-	-	151	100	H
			* 7.307962	46.66	MAv1	35.7	0.49	-46.92	35.93	54	-18.07	-	-	151	200	V
			* 7.311024	58.53	PK2	35.7	0	-46.86	47.37	-	-	74	-26.63	151	100	H
			* 7.3239	58.55	PK2	35.7	0	-46.73	47.52	-	-	74	-26.48	151	200	V
			* 7.325518	46.55	MAv1	35.7	0.49	-46.71	36.03	54	-17.97	-	-	151	100	H
			10.429207	46.66	MAv1	37.5	0.49	-46.28	38.37	-	-	-	-	151	200	V
			10.434367	58.89	PK2	37.5	0	-46.27	50.12	-	-	-	-	151	200	V
			10.444083	57.93	PK2	37.5	0	-46.33	49.1	-	-	-	-	151	100	H
			10.450145	46.33	MAv1	37.5	0.49	-46.32	38	-	-	-	-	151	100	H
	2476	4 + 3	* 10.621195	57.82	PK2	37.7	0	-44.87	50.65	-	-	74	-23.35	360	200	H
			* 10.6168	45.32	MAv1	37.7	0.49	-44.81	38.7	54	-15.3	-	-	360	200	H
			* 10.621595	57	PK2	37.7	0	-44.86	49.84	-	-	74	-24.16	360	200	V
			* 10.615231	45.33	MAv1	37.7	0.49	-44.78	38.74	54	-15.26	-	-	360	200	V
			* 4.952378	57.35	PK2	34	0	-46.74	44.61	-	-	74	-29.39	360	200	V
			* 4.962827	45.39	MAv1	34	0.49	-46.84	33.04	54	-20.96	-	-	360	200	V
			* 4.973672	57.75	PK2	34	0	-46.79	44.96	-	-	74	-29.04	360	200	H
			* 4.983766	45.52	MAv1	34	0.49	-46.83	33.18	54	-20.82	-	-	360	200	H
			* 7.401207	56.03	PK2	35.7	0	-44.45	47.28	-	-	74	-26.72	360	101	H
			* 7.432536	44.13	MAv1	35.7	0.49	-44.94	35.38	54	-18.62	-	-	360	101	H
			* 7.445495	57.06	PK2	35.8	0	-44.92	47.94	-	-	74	-26.06	360	200	V
			* 7.448148	44.4	MAv1	35.7	0.49	-44.94	35.65	54	-18.35	-	-	360	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

9.1.12. SPURIOUS EMISSIONS – WORST-CASE**HDT8 / 2476 MHz / HIGH POWER / MIMO TXBF****HORIZONTAL RESULT****VERTICAL RESULT**

MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 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
5	* 10.621195	57.82	PK2	37.7	0	-44.87	50.65	-	-	74	-23.35	360	200	H
	* 10.6168	45.32	MAv1	37.7	.49	-44.81	38.7	54	-15.3	-	-	360	200	H
6	* 10.621595	57	PK2	37.7	0	-44.86	49.84	-	-	74	-24.16	360	200	V
	* 10.615231	45.33	MAv1	37.7	.49	-44.78	38.74	54	-15.26	-	-	360	200	V
2	* 4.952378	57.35	PK2	34	0	-46.74	44.61	-	-	74	-29.39	360	200	V
	* 4.962827	45.39	MAv1	34	.49	-46.84	33.04	54	-20.96	-	-	360	200	V
1	* 4.973672	57.75	PK2	34	0	-46.79	44.96	-	-	74	-29.04	360	200	H
	* 4.983766	45.52	MAv1	34	.49	-46.83	33.18	54	-20.82	-	-	360	200	H
3	* 7.401207	56.03	PK2	35.7	0	-44.45	47.28	-	-	74	-26.72	360	101	H
	* 7.432536	44.13	MAv1	35.7	.49	-44.94	35.38	54	-18.62	-	-	360	101	H
4	* 7.445495	57.06	PK2	35.8	0	-44.92	47.94	-	-	74	-26.06	360	200	V
	* 7.448148	44.4	MAv1	35.7	.49	-44.94	35.65	54	-18.35	-	-	360	200	V

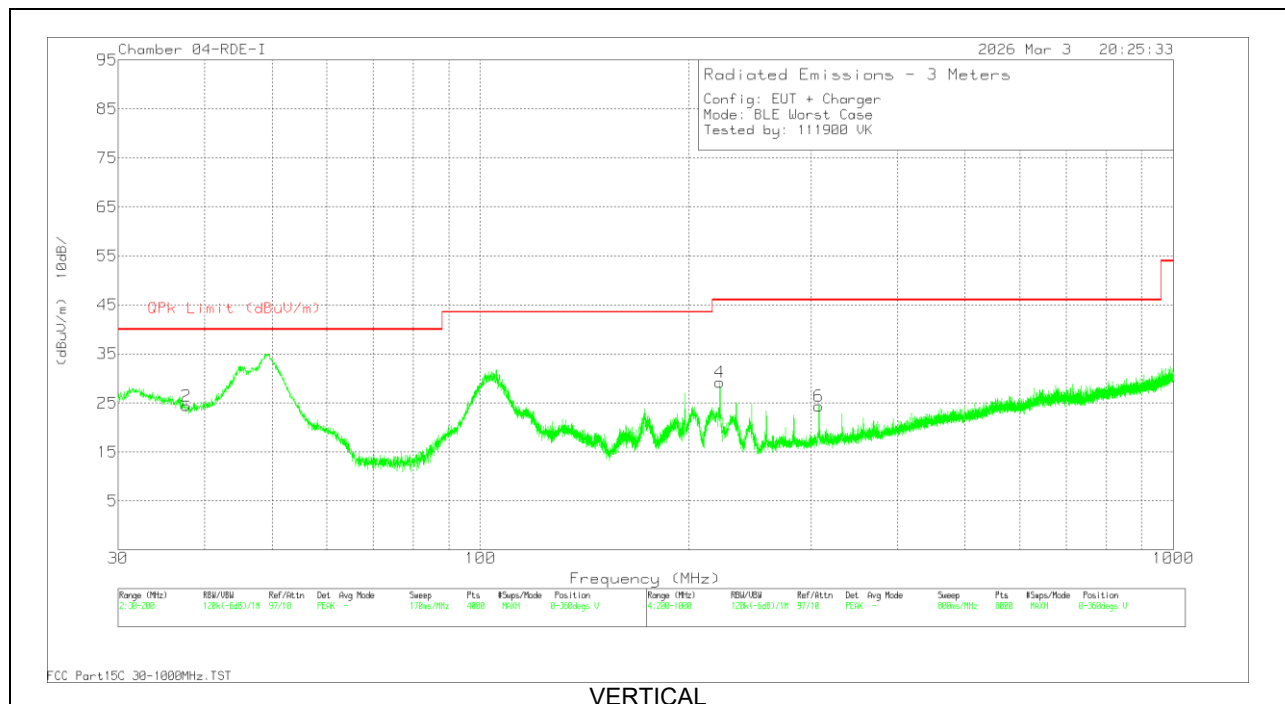
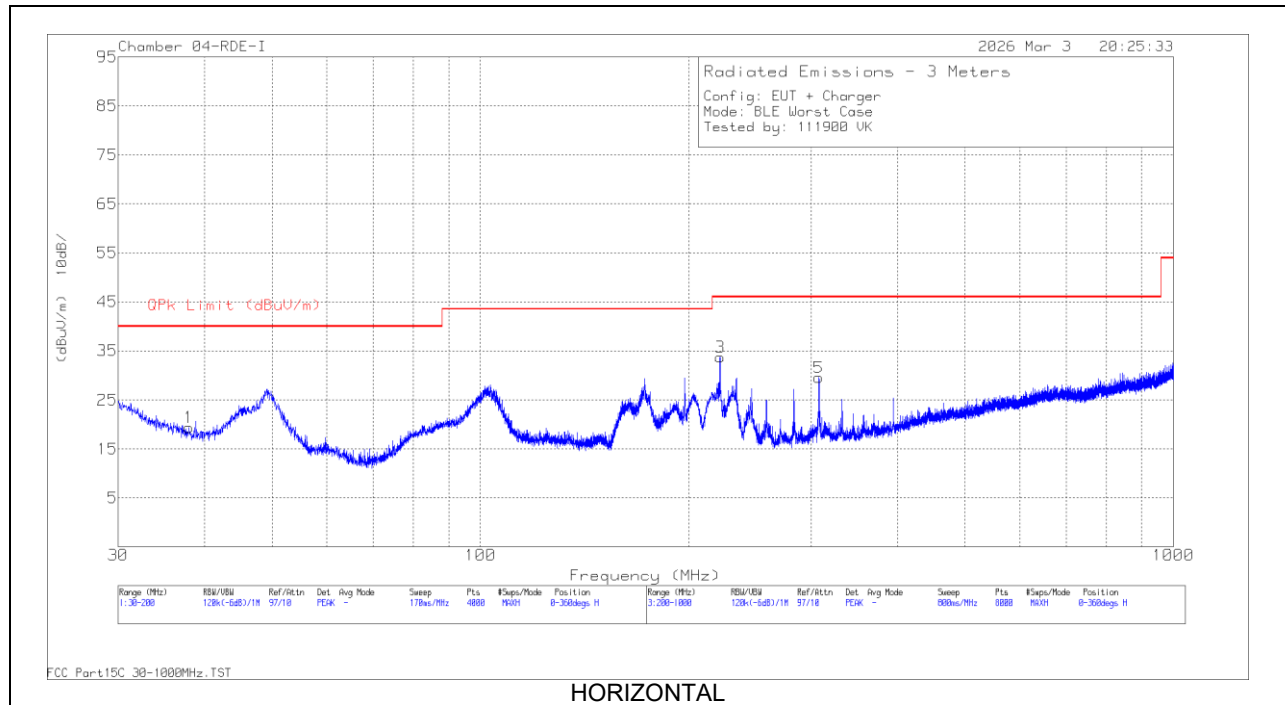
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2. 30 MHz - 1 GHz – WORST-CASE

SPURIOUS EMISSIONS



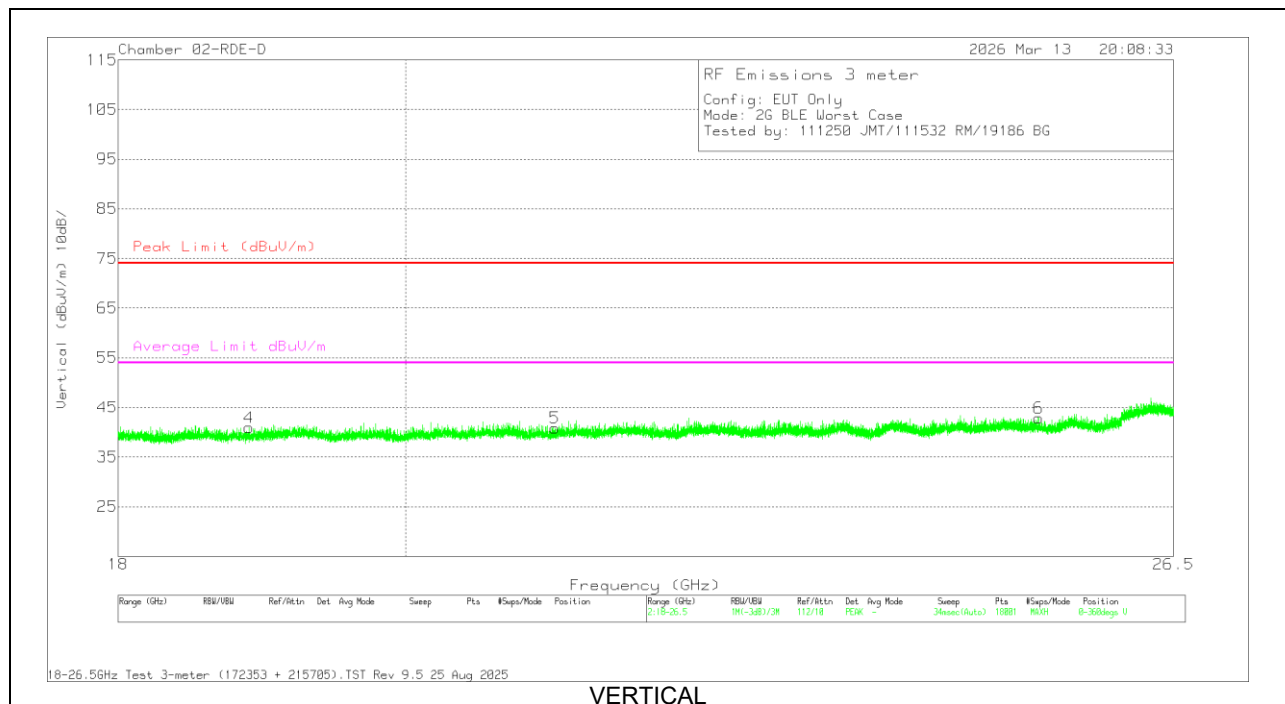
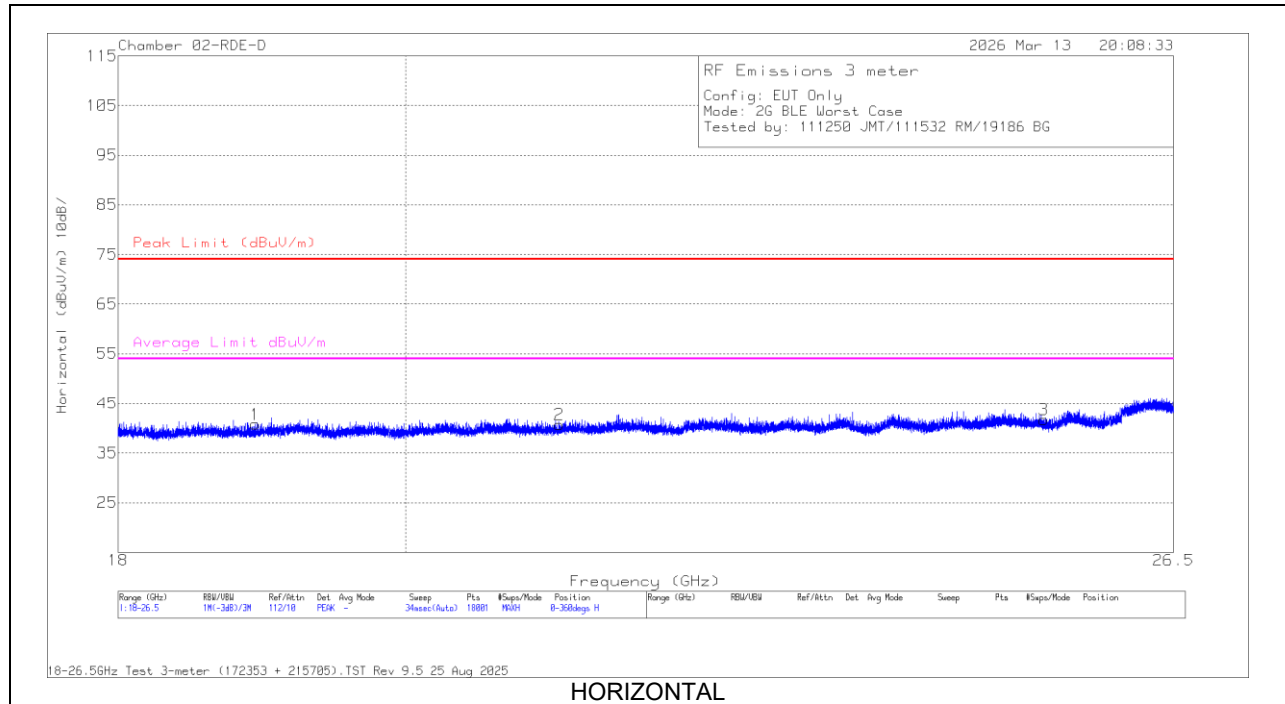
MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	82258 ACF (dB/m)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	37.6095	30.4	Qp	21.3	-31.2	.41	20.91	40	-19.09	0	100	V
1	37.9071	21.47	Qp	21.1	-31.2	.41	11.78	40	-28.22	0	298	H
4	221.65	40.11	Qp	16.6	-30.1	.41	27.02	46.02	-19	230	126	V
3	221.737	44.99	Qp	16.6	-30.1	.41	31.9	46.02	-14.12	234	142	H
6	307.782	32.29	Qp	19.5	-29.6	.41	22.6	46.02	-23.42	298	161	V
5	307.92	38.36	Qp	19.5	-29.6	.41	28.67	46.02	-17.35	42	127	H

Qp - Quasi-Peak detector

9.3. 18 GHz - 26 GHz – WORST-CASE

SPURIOUS EMISSIONS



MEASURED DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172353 ACF (dB/m)	AMP (dB)	Cable (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
4	* 18.88202	41.17	MAv1	32.3	-60.7	17.8	0.71	31.28	-	-	54	-22.72	360	101	V
	* 18.8827	53.06	PK2	32.3	-60.7	17.8	0	42.46	74	-31.54	-	-	360	101	V
1	* 18.92652	52.74	PK2	32.3	-60.7	17.8	0	42.14	74	-31.86	-	-	360	101	H
	* 18.92734	41.11	MAv1	32.3	-60.7	17.8	0.71	31.22	-	-	54	-22.78	360	101	H
5	* 21.12124	38.81	MAv1	32.7	-59.6	18.8	0.71	31.42	-	-	54	-22.58	360	199	V
	* 21.12256	50.54	PK2	32.7	-59.6	18.8	0	42.44	74	-31.56	-	-	360	199	V
2	* 21.15630	38.85	MAv1	32.6	-59.7	18.9	0.71	31.36	-	-	54	-22.64	360	199	H
	* 21.15969	50.78	PK2	32.6	-59.7	18.9	0	42.58	74	-31.42	-	-	360	199	H
6	25.21901	39.04	MAv1	33.7	-60.9	20.6	0	32.44	-	-	-	-	360	199	V
	25.222804	50.68	PK2	33.7	-60.9	20.6	0	44.08	-	-	-	-	360	199	V
3	25.26671	38.91	MAv1	33.8	-61.1	20.7	0	32.31	-	-	-	-	360	101	H
	25.267066	50.22	PK2	33.8	-61.1	20.7	0	43.62	-	-	-	-	360	101	H

* - indicates frequency in CFR47 Pt 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.

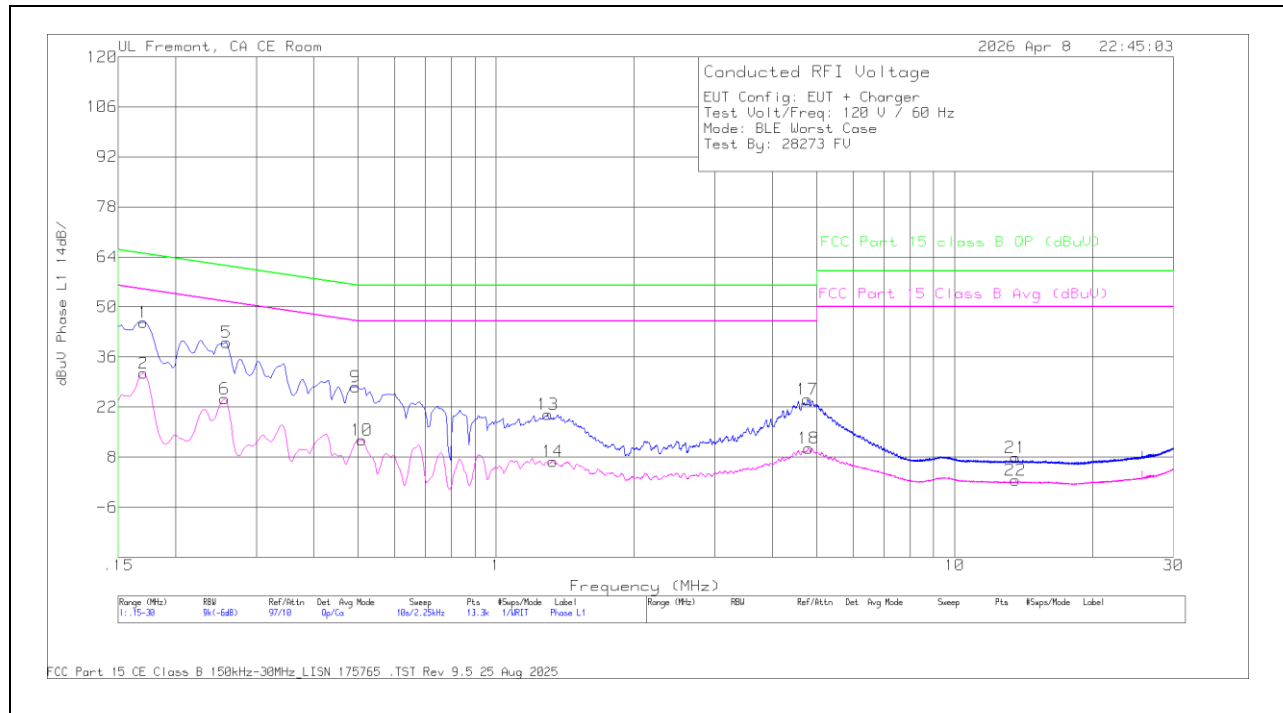
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. AC POWER LINE WITH AC/DC ADAPTER

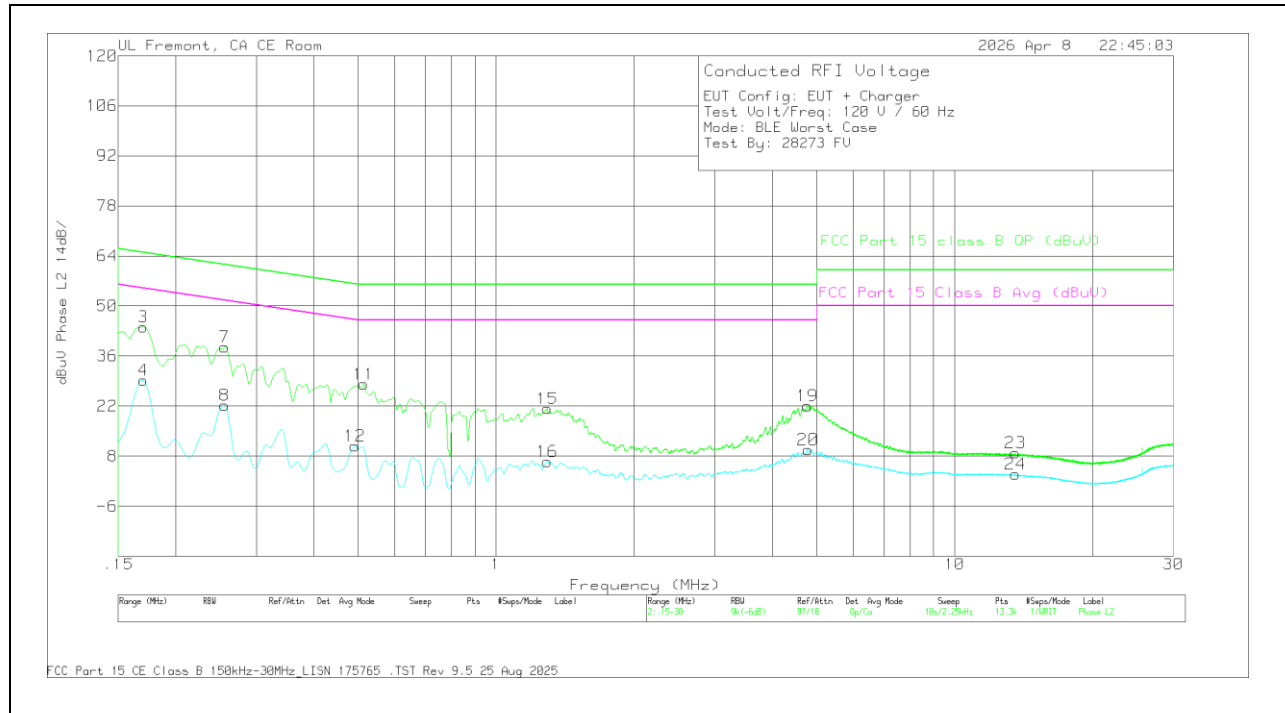
LINE 1 RESULTS



MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 Class B QP (dBuV)	Margin (dB)
2	.1703	21.34	Ca	0	.1	10	31.44	54.95	-23.51	-	-
6	.2558	14.27	Ca	0	0	10	24.27	51.57	-27.3	-	-
10	.51	2.73	Ca	0	0	10	12.73	46	-33.27	-	-
14	1.329	-3.24	Ca	.1	0	10	6.86	46	-39.14	-	-
18	4.8008	.37	Ca	.1	0	10	10.47	46	-35.53	-	-
22	13.56	-8.7	Ca	.2	.1	10	1.6	50	-48.4	-	-
1	.1703	35.58	Qp	0	.1	10	45.68	-	-	64.95	-19.27
5	.258	30.17	Qp	0	0	10	40.17	-	-	61.5	-21.33
9	.4943	17.68	Qp	0	0	10	27.68	-	-	56.1	-28.42
13	1.2975	9.82	Qp	.1	0	10	19.92	-	-	56	-36.08
17	4.7805	13.99	Qp	.1	0	10	24.09	-	-	56	-31.91
21	13.56	-2.41	Qp	.2	.1	10	7.89	-	-	60	-52.11

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS**MEASURED DATA**

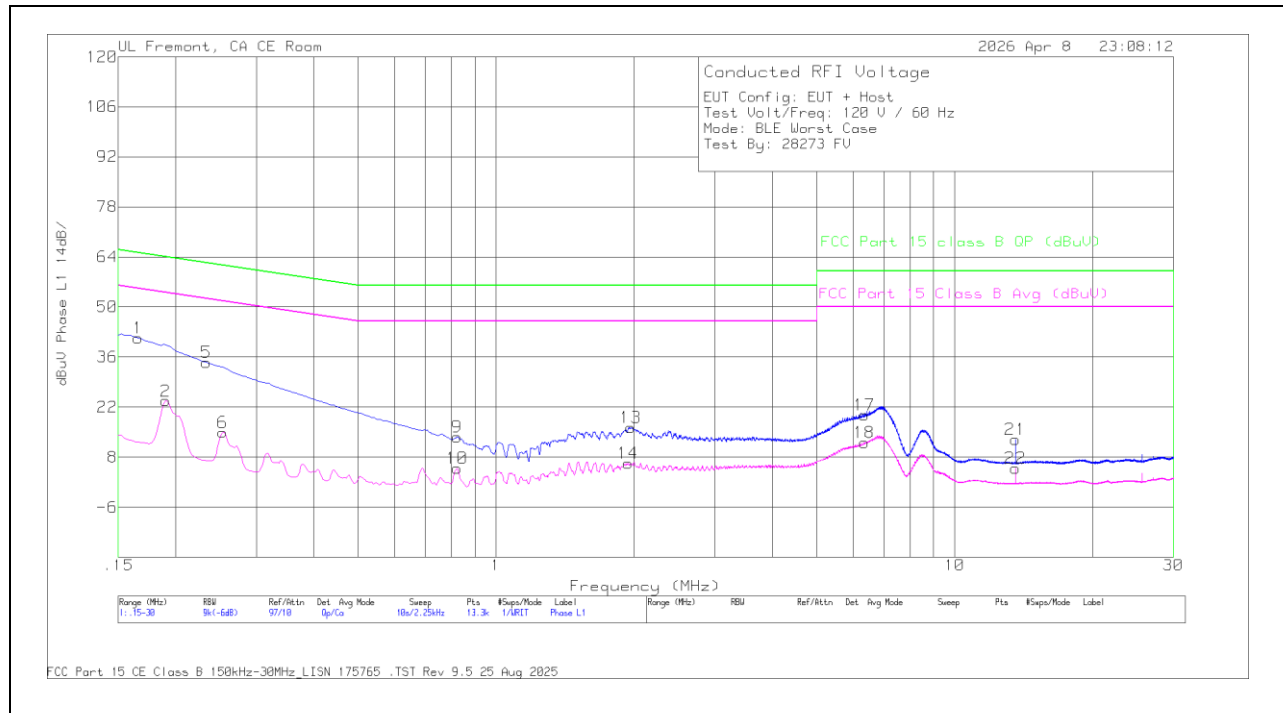
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 Class B QP (dBuV)	Margin (dB)
4	.1703	19.22	Ca	0	0	10	29.22	54.95	-25.73	-	-
8	.2558	12.22	Ca	0	0	10	22.22	51.57	-29.35	-	-
12	.492	.81	Ca	0	0	10	10.81	46.13	-35.32	-	-
16	1.293	-3.67	Ca	.1	0	10	6.43	46	-39.57	-	-
20	4.7895	-2.9	Ca	.1	0	10	9.81	46	-36.19	-	-
24	13.56	-7.36	Ca	.2	.1	10	2.94	50	-47.06	-	-
3	.1703	34.13	Qp	0	0	10	44.13	-	-	64.95	-20.82
7	.2558	28.54	Qp	0	0	10	38.54	-	-	61.57	-23.03
11	.5145	18.11	Qp	0	0	10	28.11	-	-	56	-27.89
15	1.293	11.17	Qp	.1	0	10	21.27	-	-	56	-34.73
19	4.7715	11.96	Qp	.1	0	10	22.06	-	-	56	-33.94
23	13.5623	-1.33	Qp	.2	.1	10	8.97	-	-	60	-51.03

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.2. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS

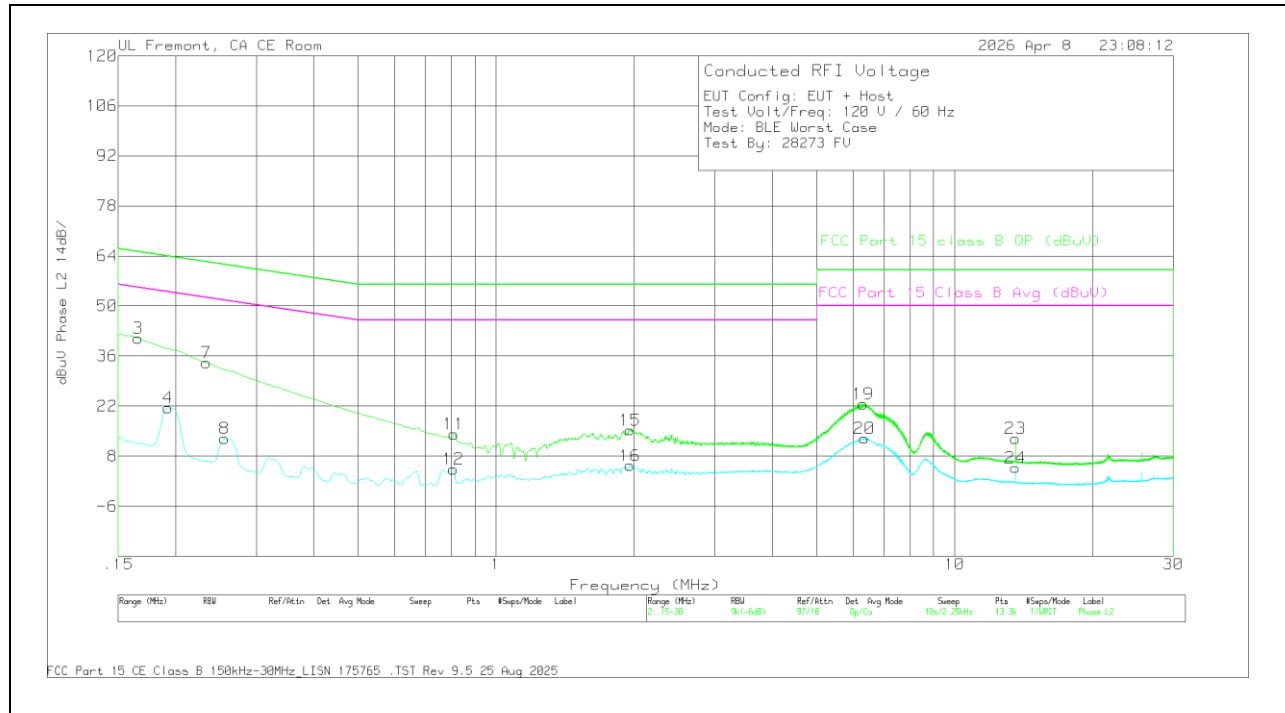


MEASURED DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 Class B QP (dBuV)	Margin (dB)
2	.1905	13.61	Ca	0	.1	10	23.71	54.01	-30.3	-	-
6	.2535	4.94	Ca	0	0	10	14.94	51.64	-36.7	-	-
10	.8228	-5.22	Ca	.1	0	10	4.88	46	-41.12	-	-
14	1.9388	-3.8	Ca	.1	0	10	6.3	46	-39.7	-	-
18	6.3488	1.89	Ca	.2	0	10	12.09	50	-37.91	-	-
22	13.56	-5.45	Ca	.2	.1	10	4.85	50	-45.15	-	-
1	.1658	31.22	Qp	0	.1	10	41.32	-	-	65.17	-23.85
5	.2333	24.5	Qp	0	0	10	34.5	-	-	62.33	-27.83
9	.8228	3.6	Qp	.1	0	10	13.7	-	-	56	-42.3
13	1.968	6.22	Qp	.1	0	10	16.32	-	-	56	-39.68
17	6.36	9.51	Qp	.2	0	10	19.71	-	-	60	-40.29
21	13.56	2.66	Qp	.2	.1	10	12.96	-	-	60	-47.04

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS**MEASURED DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	10dB Attenuator (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 Class B QP (dBuV)	Margin (dB)
4	.1928	11.57	Ca	0	0	10	21.57	53.92	-32.35	-	-
8	.2558	2.94	Ca	0	0	10	12.94	51.57	-38.63	-	-
12	.807	-5.69	Ca	.1	0	10	4.41	46	-41.59	-	-
16	1.9613	-4.78	Ca	.1	0	10	5.32	46	-40.68	-	-
20	6.351	2.81	Ca	.2	0	10	13.01	50	-36.99	-	-
24	13.56	-5.52	Ca	.2	.1	10	4.78	50	-45.22	-	-
3	.1658	30.82	Qp	0	.1	10	40.92	-	-	65.17	-24.25
7	.2333	24.12	Qp	0	0	10	34.12	-	-	62.33	-28.21
11	.8093	4.08	Qp	.1	0	10	14.18	-	-	56	-41.82
15	1.9613	5.19	Qp	.1	0	10	15.29	-	-	56	-40.71
19	6.3263	12.34	Qp	.2	0	10	22.54	-	-	60	-37.46
23	13.56	2.61	Qp	.2	.1	10	12.91	-	-	60	-47.09

Qp - Quasi-Peak detector

Ca - CISPR average detection

11. SETUP PHOTOS

Please refer to 15982167-EP1V1 for setup photos.