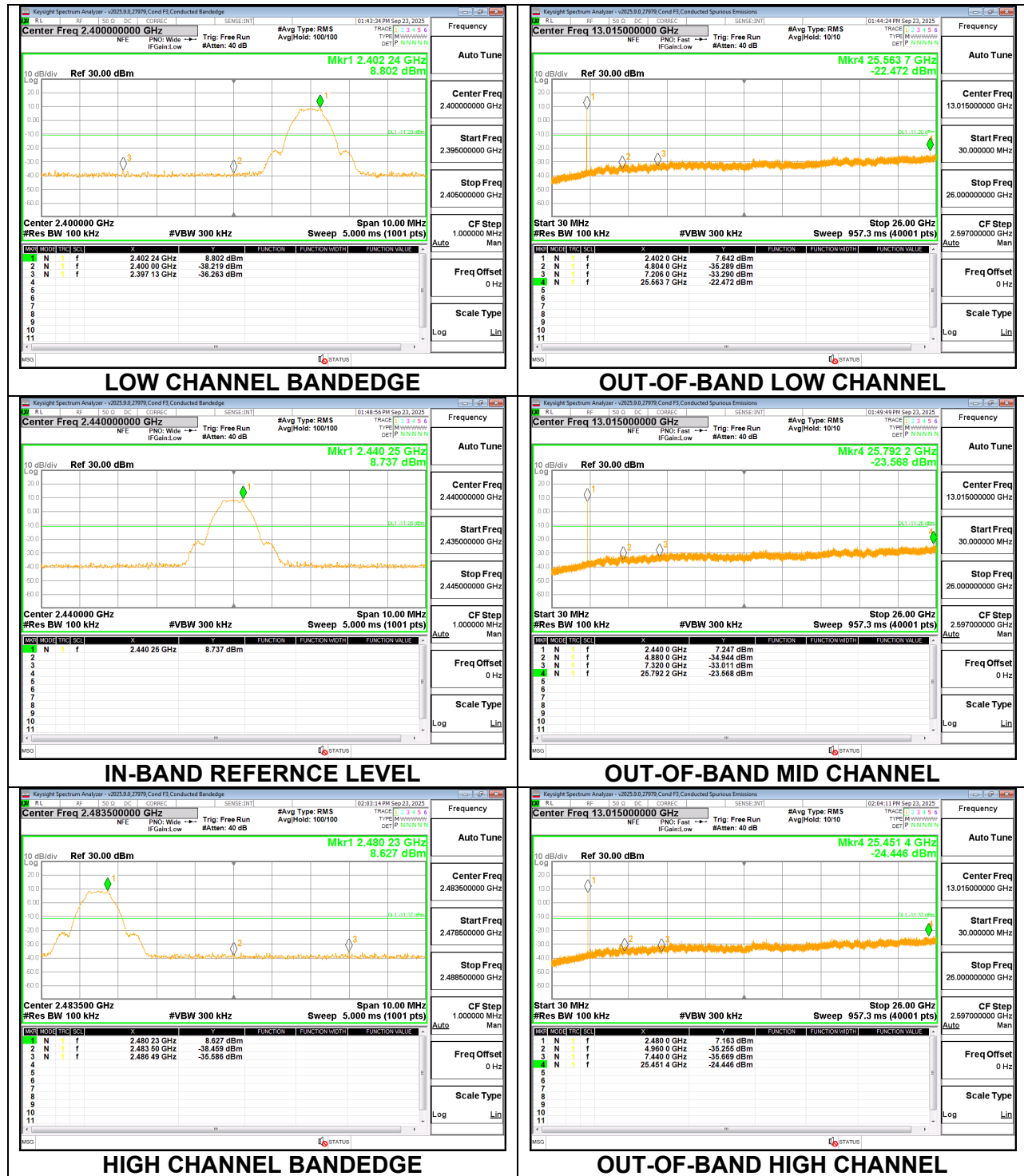


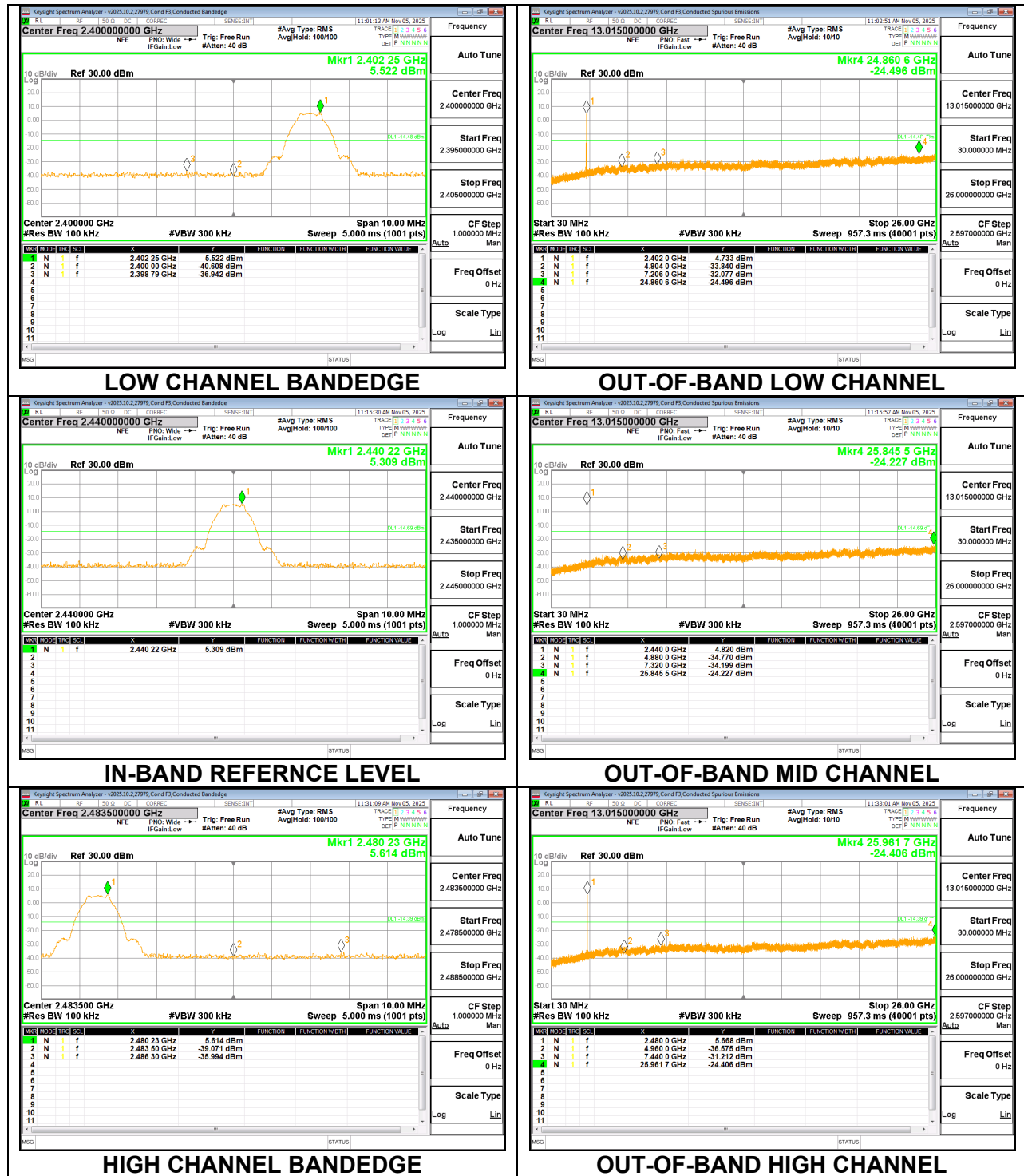
ANT 3



9.6.6. LOW POWER LE1M MIMO TXBF

ANT 4



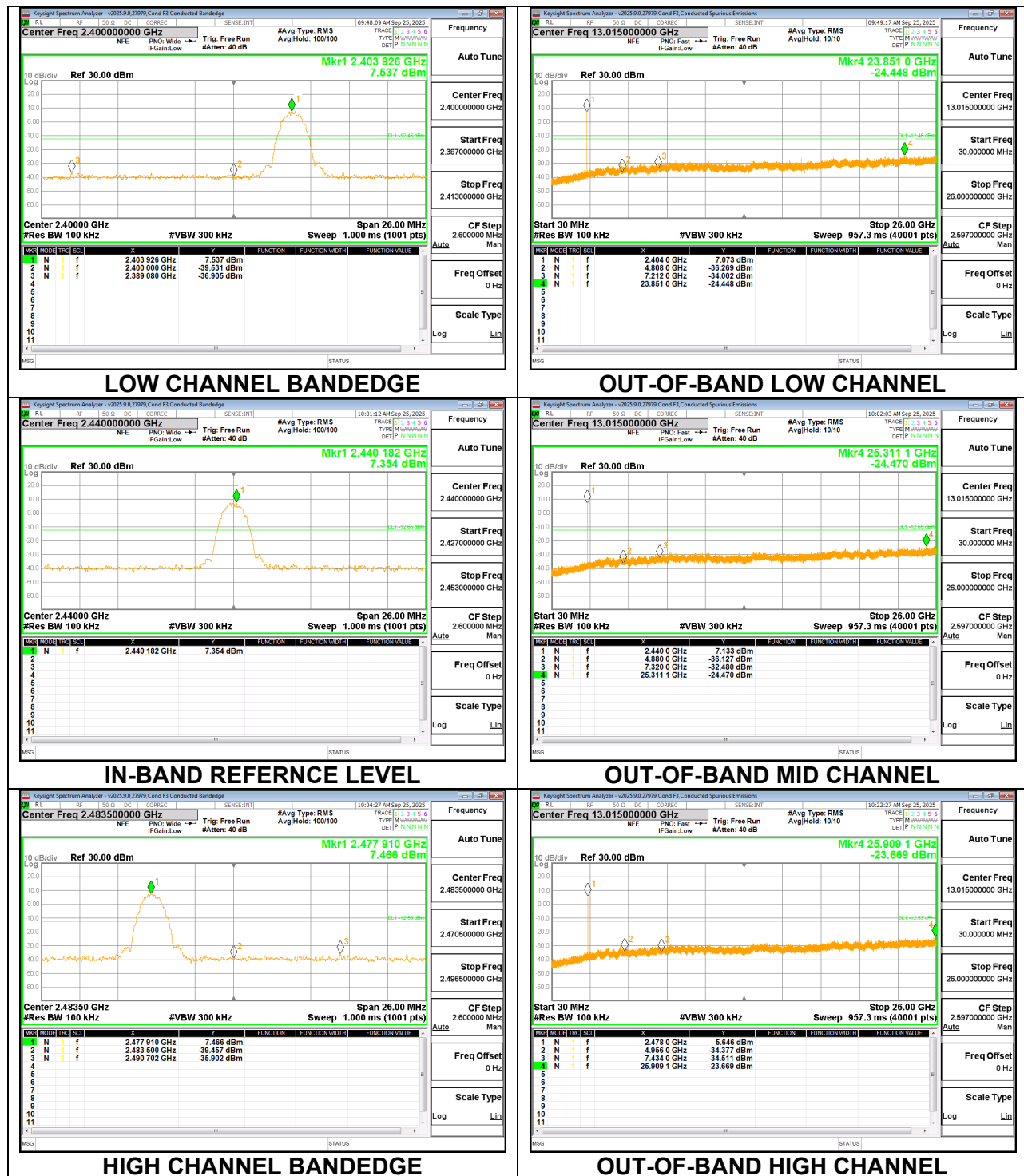
ANT 3

9.6.7. LOW POWER LE2M

ANT 4



ANT 3

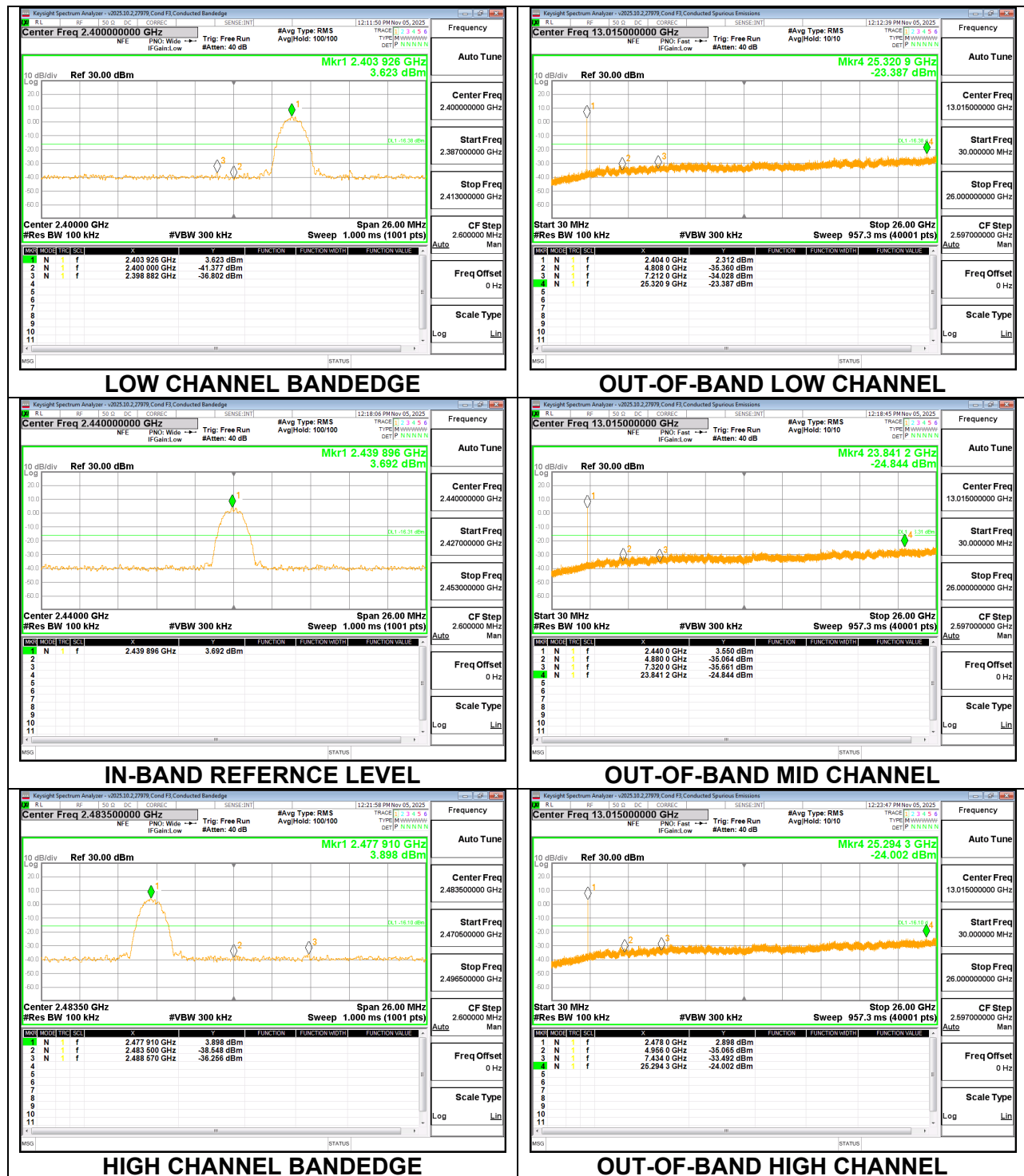


9.6.8. LOW POWER LE2M MIMO TXBF

ANT 4



ANT 3



10. 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

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.

10.1. TRANSMITTER ABOVE 1 GHz

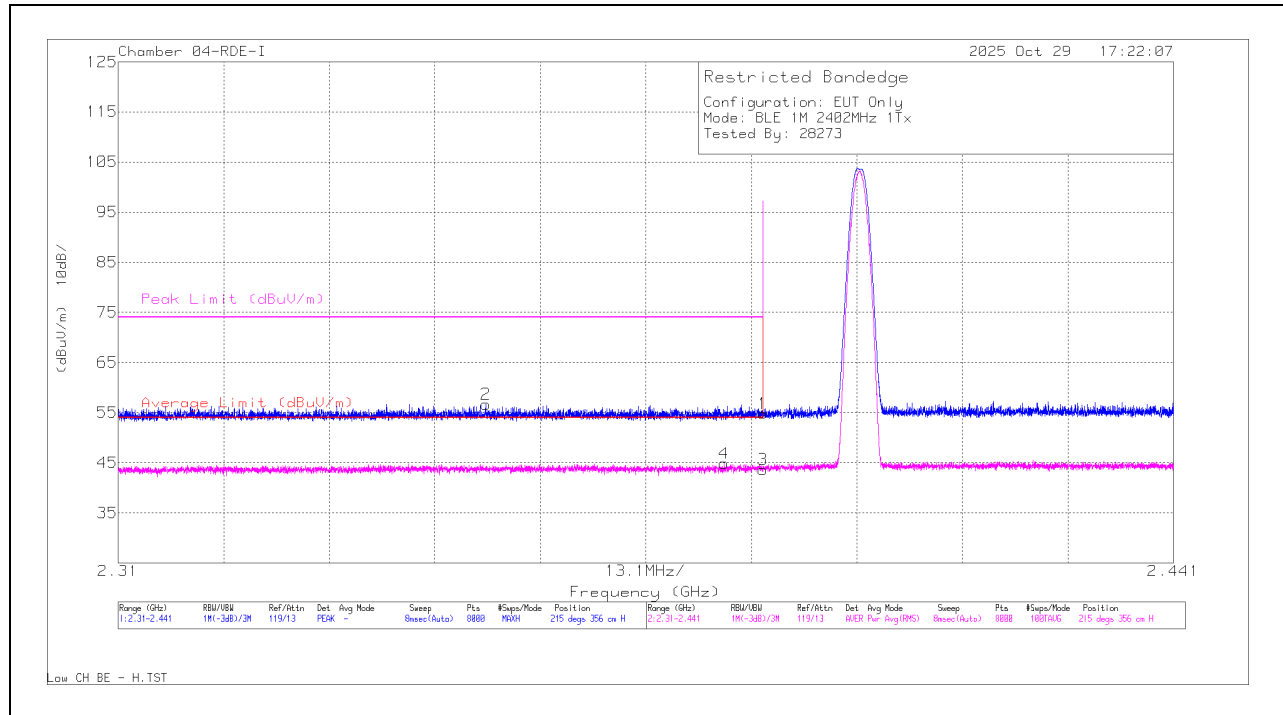
10.1.1. SISO MODE – LOW BANDEDGE – HIGH POWER

2.4GHz (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2402	4	* 2.39	42.94	Pk	31.8	-19.9	0	54.84	-	-	74	-19.16	215	356	H
			* 2.355626	44.7	Pk	31.7	-19.7	0	56.7	-	-	74	-17.3	215	356	H
			* 2.39	31.75	RMS	31.8	-19.9	0	43.65	54	-10.35	-	-	215	356	H
			* 2.385236	32.94	RMS	31.7	-19.8	0	44.84	54	-9.16	-	-	215	356	H
			* 2.39	42.31	Pk	31.8	-19.9	0	54.21	-	-	74	-19.79	7	347	V
			* 2.346701	44.18	Pk	31.7	-19.7	0	56.18	-	-	74	-17.82	7	347	V
		3	* 2.39	31.03	RMS	31.8	-19.9	0	42.93	54	-11.07	-	-	7	347	V
			* 2.389297	31.73	RMS	31.8	-19.8	0	43.73	54	-10.27	-	-	7	347	V
			* 2.39	42.6	Pk	31.8	-19.9	0	54.5	-	-	74	-19.5	247	398	H
			* 2.377637	44.8	Pk	31.7	-19.7	0	56.8	-	-	74	-17.2	247	398	H
			* 2.39	32.87	RMS	31.8	-19.9	0	44.77	54	-9.23	-	-	247	398	H
			* 2.389854	33.04	RMS	31.8	-19.8	0	45.04	54	-8.96	-	-	247	398	H
LE2M	2404	4	* 2.39	41.59	Pk	31.8	-19.9	0	53.49	-	-	74	-20.51	172	398	V
			* 2.373313	44.66	Pk	31.7	-19.8	0	56.56	-	-	74	-17.44	172	398	V
			* 2.39	31.68	RMS	31.8	-19.9	0	43.58	54	-10.42	-	-	172	398	V
			* 2.389216	32.39	RMS	31.8	-19.8	0	44.39	54	-9.61	-	-	172	398	V
			* 2.39	42.12	Pk	31.8	-19.9	0	54.02	-	-	74	-19.98	124	166	H
			* 2.387758	44.28	Pk	31.8	-19.8	0	56.28	-	-	74	-17.72	124	166	H
		3	* 2.39	31.79	RMS	31.8	-19.9	0	43.69	54	-10.31	-	-	124	166	H
			* 2.354251	32.41	RMS	31.7	-19.7	0	44.41	54	-9.59	-	-	124	166	H
			* 2.39	43.36	Pk	31.8	-19.9	0	55.26	-	-	74	-18.74	67	400	V
			* 2.322496	45.39	Pk	31.6	-19.7	0	57.29	-	-	74	-16.71	67	400	V
			* 2.39	32.19	RMS	31.8	-19.9	0	44.09	54	-9.91	-	-	67	400	V
			* 2.343327	33.12	RMS	31.7	-19.6	0	45.22	54	-8.78	-	-	67	400	V
		3	* 2.39	42.23	Pk	31.8	-19.9	0	54.13	-	-	74	-19.87	215	384	H
			* 2.345276	44.89	Pk	31.7	-19.6	0	56.99	-	-	74	-17.01	215	384	H
			* 2.39	31.71	RMS	31.8	-19.9	0	43.61	54	-10.39	-	-	215	384	H
			* 2.382534	32.64	RMS	31.7	-19.8	0	44.54	54	-9.46	-	-	215	384	H
			* 2.39	43.99	Pk	31.8	-19.9	0	55.89	-	-	74	-18.11	195	400	V
			* 2.364011	46.37	Pk	31.7	-19.7	0	58.37	-	-	74	-15.63	195	400	V
		3	* 2.39	32.32	RMS	31.8	-19.9	0	44.22	54	-9.78	-	-	195	400	V
			* 2.388331	33.25	RMS	31.8	-19.8	0	45.25	54	-8.75	-	-	195	400	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 4 (1Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT****Trace Markers**

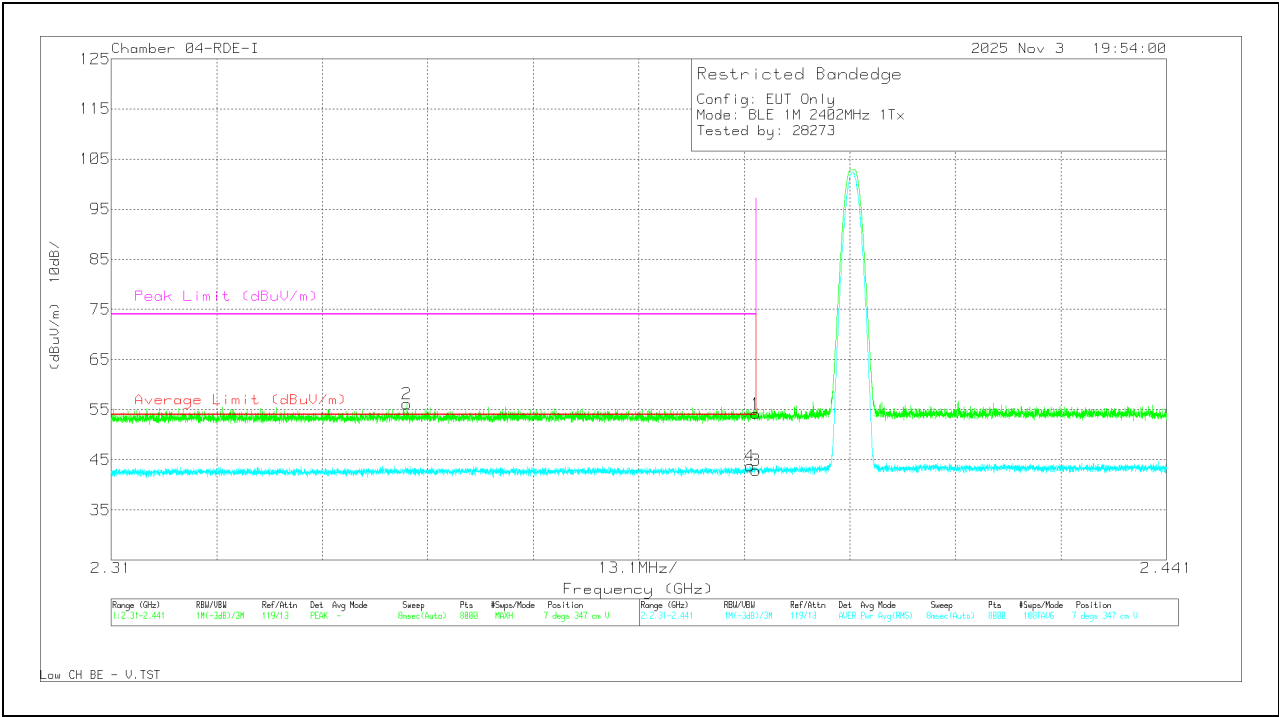
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.94	PK	31.8	-19.9	0	54.84	-	-	74	-19.16	215	356	H
2	* 2.355626	44.7	PK	31.7	-19.7	0	56.7	-	-	74	-17.3	215	356	H
3	* 2.39	31.75	RMS	31.8	-19.9	0	43.65	54	-10.35	-	-	215	356	H
4	* 2.385236	32.94	RMS	31.7	-19.8	0	44.84	54	-9.16	-	-	215	356	H

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

PK - Peak detector

RMS - RMS detection

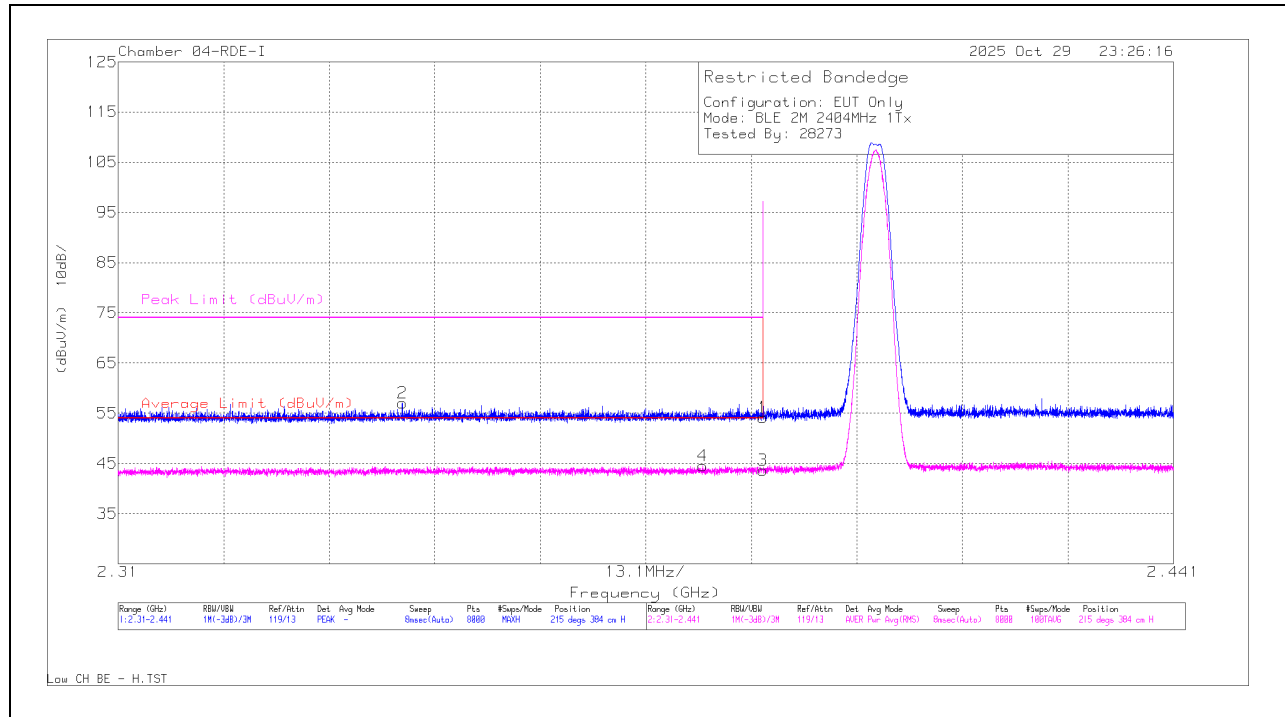
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl/Psd (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.31	Pk	31.8	-19.9	0	54.21	-	-	74	-19.79	7	347	V
2	* 2.346701	44.18	Pk	31.7	-19.7	0	56.18	-	-	74	-17.82	7	347	V
3	* 2.39	31.03	RMS	31.8	-19.9	0	42.93	54	-11.07	-	-	7	347	V
4	* 2.389297	31.73	RMS	31.8	-19.8	0	43.73	54	-10.27	-	-	7	347	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

1TX Antenna 3 (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT****Trace Markers**

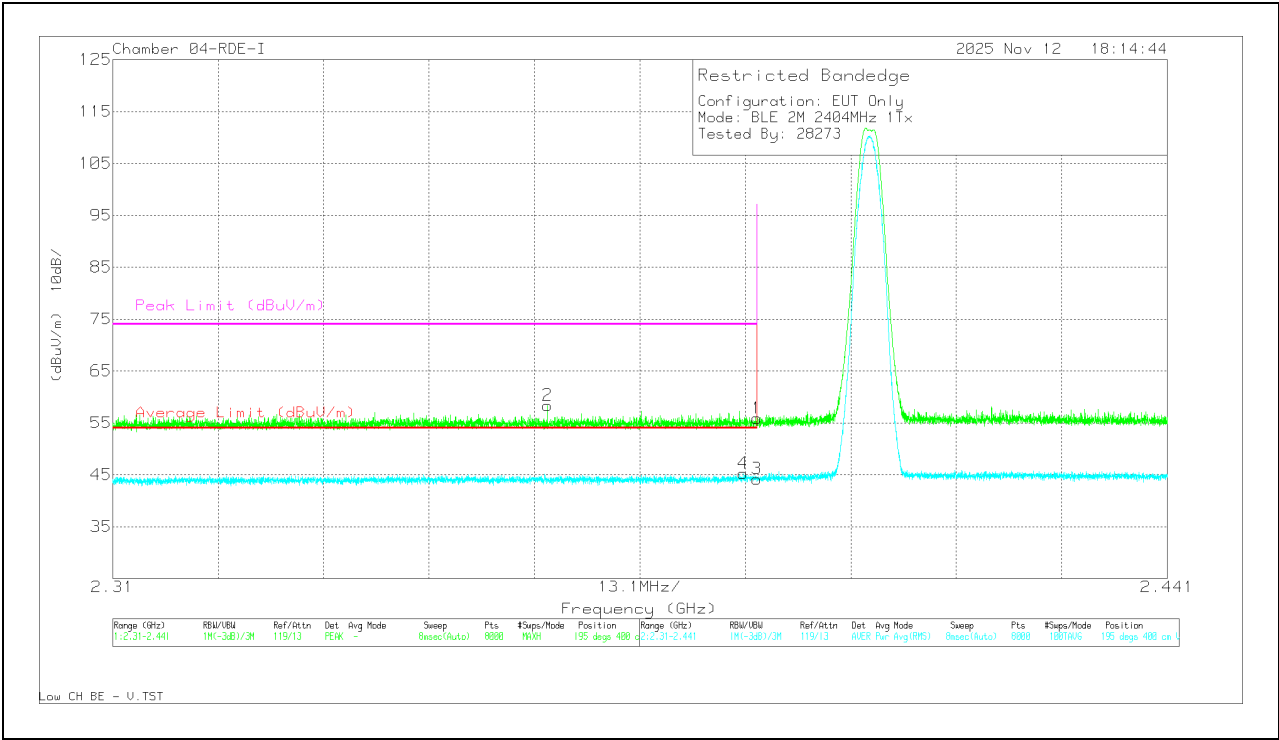
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/CH/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.23	Pk	31.8	-19.9	0	54.13	-	-	74	-19.87	215	384	H
2	* 2.345276	44.89	Pk	31.7	-19.6	0	56.99	-	-	74	-17.01	215	384	H
3	* 2.39	31.71	RMS	31.8	-19.9	0	43.61	54	-10.39	-	-	215	384	H
4	* 2.382534	32.64	RMS	31.7	-19.8	0	44.54	54	-9.46	-	-	215	384	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	43.99	Pk	31.8	-19.9	0	55.89	-	-	74	-18.11	195	400	V
2	* 2.364011	46.37	Pk	31.7	-19.7	0	58.37	-	-	74	-15.63	195	400	V
3	* 2.39	32.32	RMS	31.8	-19.9	0	44.22	54	-9.78	-	-	195	400	V
4	* 2.388331	33.25	RMS	31.8	-19.8	0	45.25	54	-8.75	-	-	195	400	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

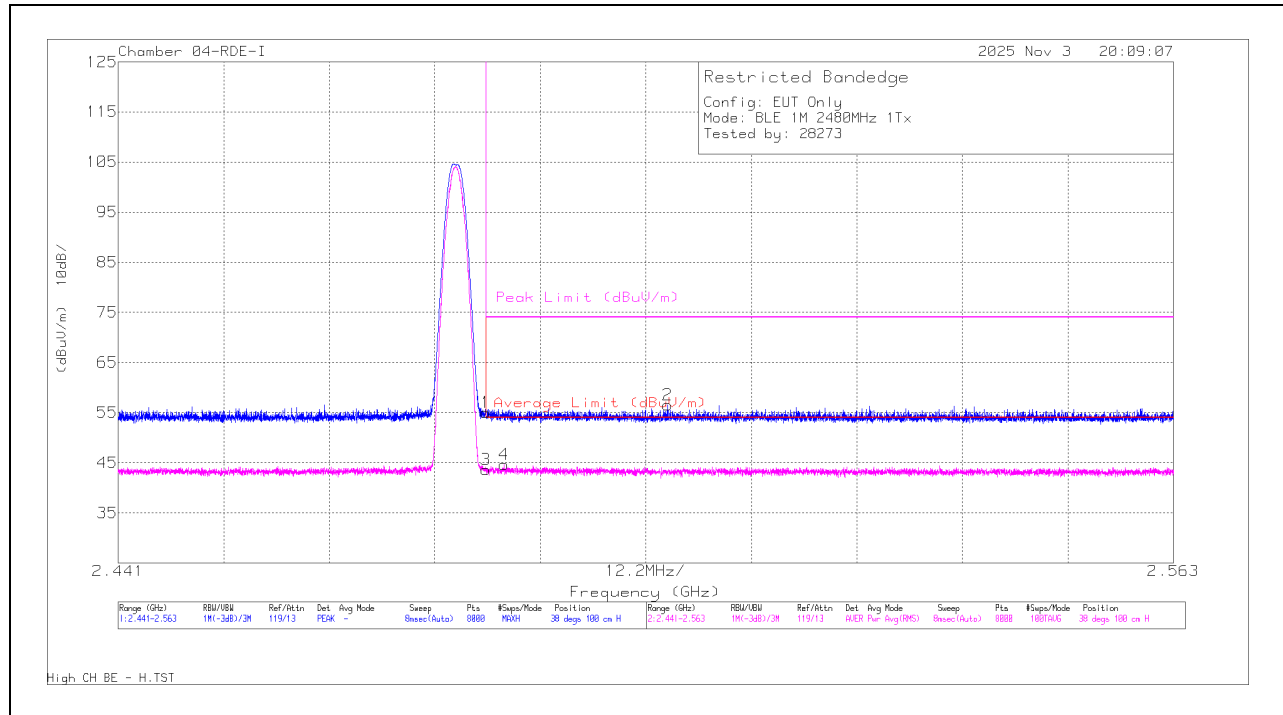
10.1.2. SISO MODE – HIGH BANDEDGE – HIGH POWER

2.4GHz (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2480	4	* 2.4835	43.08	Pk	32.3	-20.3	0	55.08	-	-	74	-18.92	38	100	H
			2.504555	44.53	Pk	32.4	-20.4	0	56.53	-	-	74	-17.47	38	100	H
			* 2.4835	31.6	RMS	32.3	-20.3	0	43.6	54	-10.4	-	-	38	100	H
			* 2.485627	32.59	RMS	32.3	-20.2	0	44.69	54	-9.31	-	-	38	100	H
			* 2.4835	43.17	Pk	32.3	-20.3	0	55.17	-	-	74	-18.83	354	401	V
			2.53358	45.6	Pk	32.4	-20.5	0	57.5	-	-	74	-16.5	354	401	V
			* 2.4835	32.34	RMS	32.3	-20.3	0	44.34	54	-9.66	-	-	354	401	V
			* 2.492369	32.95	RMS	32.3	-20.3	0	44.95	54	-9.05	-	-	354	401	V
		3	* 2.4835	44.33	Pk	32.3	-20.3	0	56.33	-	-	74	-17.67	55	179	H
			* 2.48639	45.96	Pk	32.3	-20.2	0	58.06	-	-	74	-15.94	55	179	H
			* 2.4835	33.52	RMS	32.3	-20.3	0	45.52	54	-8.48	-	-	55	179	H
			* 2.483889	34.01	RMS	32.3	-20.3	0	46.01	54	-7.99	-	-	55	179	H
			* 2.4835	44.6	Pk	32.3	-20.3	0	56.6	-	-	74	-17.4	19	101	V
			* 2.499979	45.97	Pk	32.3	-20.3	0	57.97	-	-	74	-16.03	19	101	V
			* 2.4835	34.07	RMS	32.3	-20.3	0	46.07	54	-7.93	-	-	19	101	V
			* 2.483629	34.46	RMS	32.3	-20.3	0	46.46	54	-7.54	-	-	19	101	V
LE2M	2478	4	* 2.4835	41.99	Pk	32.3	-20.3	0	53.99	-	-	74	-20.01	218	377	H
			2.505745	44.86	Pk	32.4	-20.4	0	56.86	-	-	74	-17.14	218	377	H
			* 2.4835	31.31	RMS	32.3	-20.3	0	43.31	54	-10.69	-	-	218	377	H
			* 2.493711	32.45	RMS	32.3	-20.3	0	44.45	54	-9.55	-	-	218	377	H
			* 2.4835	42.34	Pk	32.3	-20.3	0	54.34	-	-	74	-19.66	183	380	V
			* 2.487732	44.4	Pk	32.3	-20.3	0	56.4	-	-	74	-17.6	183	380	V
			* 2.4835	31.47	RMS	32.3	-20.3	0	43.47	54	-10.53	-	-	183	380	V
			2.503228	32.33	RMS	32.3	-20.3	0	44.33	54	-9.67	-	-	183	380	V
		3	* 2.4835	42.37	Pk	32.3	-20.3	0	54.37	-	-	74	-19.63	204	184	H
			2.544668	45.35	Pk	32.4	-20.5	0	57.25	-	-	74	-16.75	204	184	H
			* 2.4835	31.01	RMS	32.3	-20.3	0	43.01	54	-10.99	-	-	204	184	H
			* 2.487976	32.4	RMS	32.3	-20.2	0	44.5	54	-9.5	-	-	204	184	H
			* 2.4835	42.01	Pk	32.3	-20.3	0	54.01	-	-	74	-19.99	170	296	V
			2.541007	44.54	Pk	32.4	-20.4	0	56.54	-	-	74	-17.46	170	296	V
			* 2.4835	31.69	RMS	32.3	-20.3	0	43.69	54	-10.31	-	-	170	296	V
			* 2.485932	32.25	RMS	32.3	-20.2	0	44.35	54	-9.65	-	-	170	296	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 4 (1Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

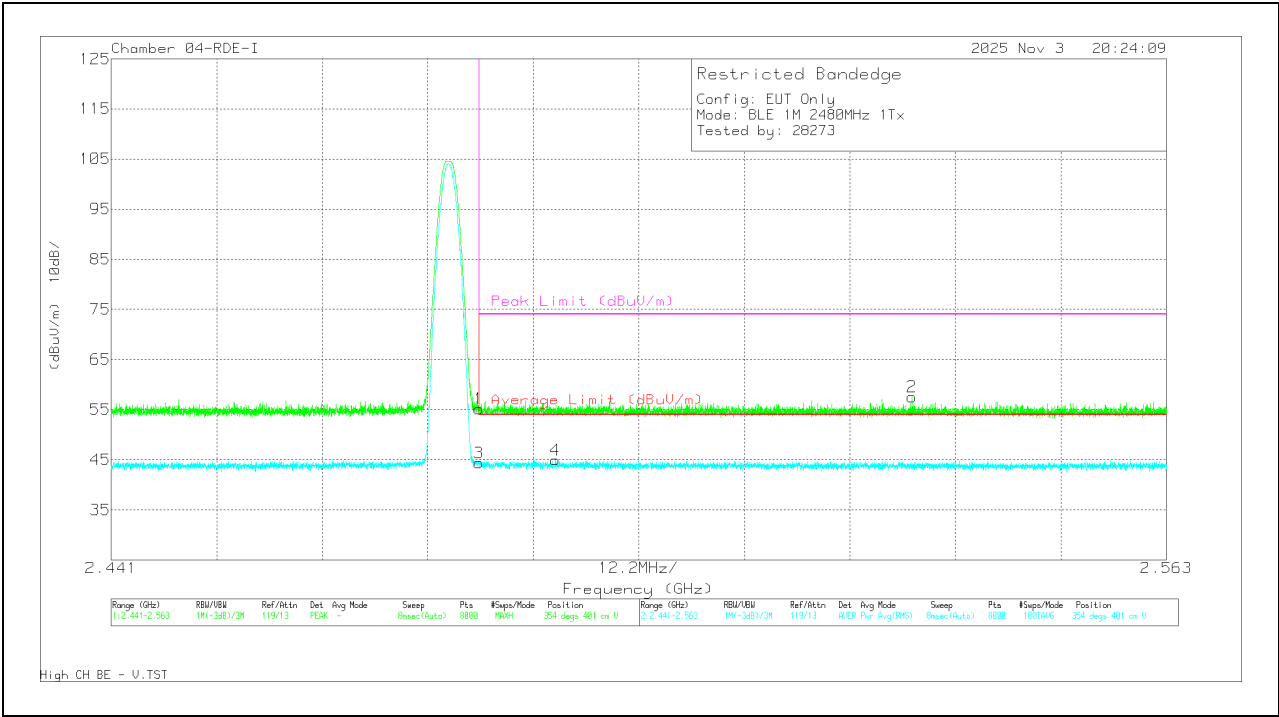
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/CH/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.08	Pk	32.3	-20.3	0	55.08	-	-	74	-18.92	38	100	H
2	2.504555	44.53	Pk	32.4	-20.4	0	56.53	-	-	74	-17.47	38	100	H
3	* 2.4835	31.6	RMS	32.3	-20.3	0	43.6	54	-10.4	-	-	38	100	H
4	* 2.485627	32.59	RMS	32.3	-20.2	0	44.69	54	-9.31	-	-	38	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

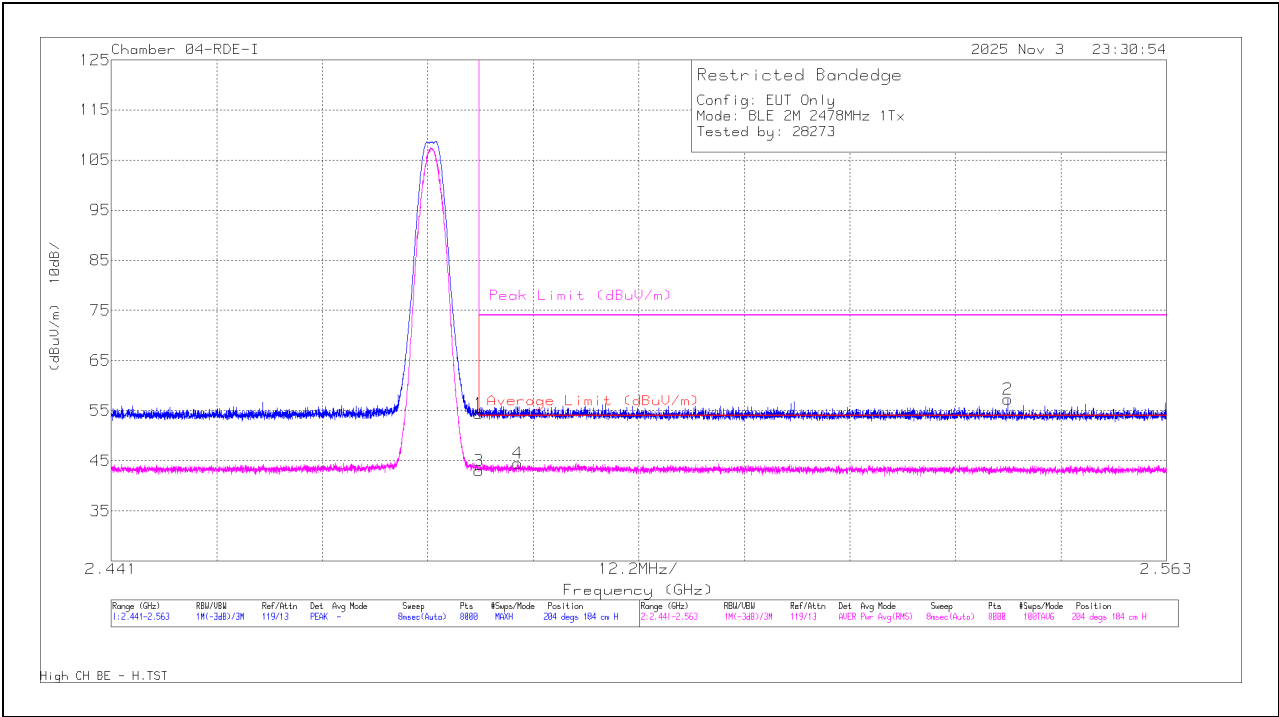
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.17	Pk	32.3	-20.3	0	55.17	-	-	74	-18.83	354	401	V
2	2.53358	45.6	Pk	32.4	-20.5	0	57.5	-	-	74	-16.5	354	401	V
3	* 2.4835	32.34	RMS	32.3	-20.3	0	44.34	54	-9.66	-	-	354	401	V
4	* 2.492369	32.95	RMS	32.3	-20.3	0	44.95	54	-9.05	-	-	354	401	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

1TX Antenna 3 (2Mbps)

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

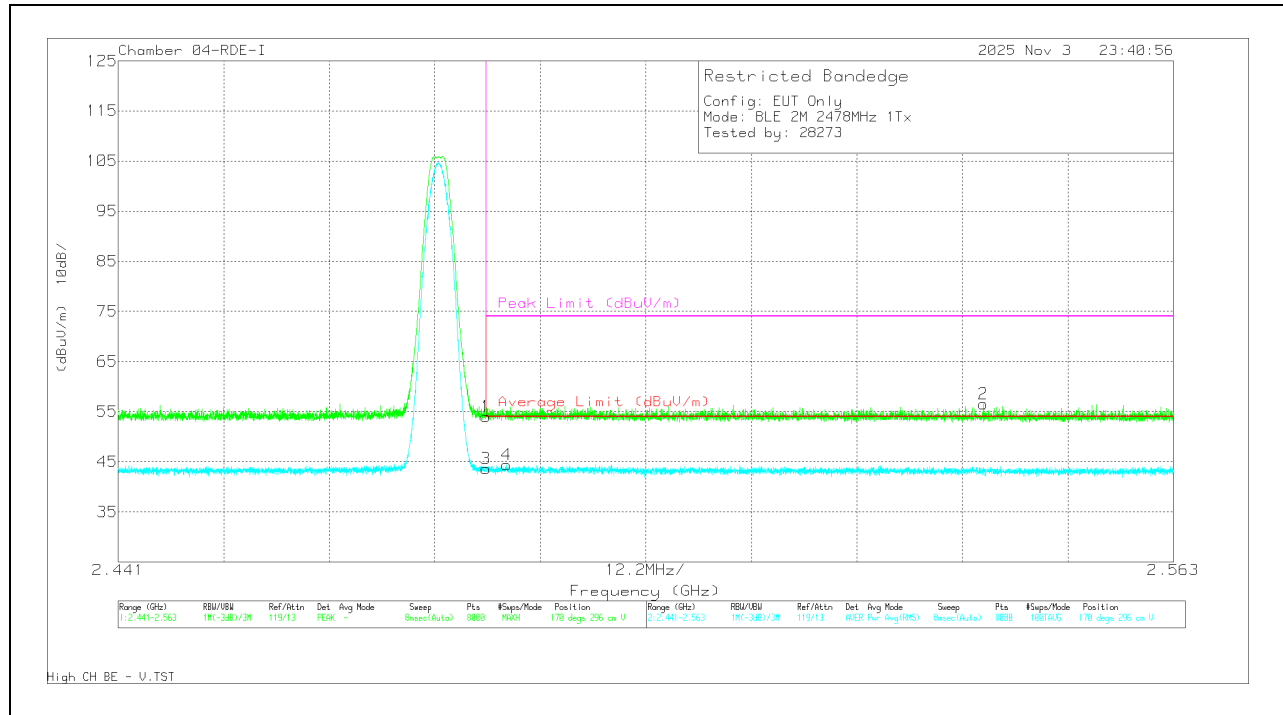


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.37	Pk	32.3	-20.3	0	54.37	-	-	74	-19.63	204	194	H
2	2.544668	45.35	Pk	32.4	-20.5	0	57.25	-	-	74	-16.75	204	194	H
3	* 2.4835	31.01	RMS	32.3	-20.3	0	43.01	54	-10.99	-	-	204	194	H
4	* 2.487976	32.4	RMS	32.3	-20.2	0	44.5	54	-9.5	-	-	204	194	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.01	PK	32.3	-20.3	0	54.01	-	-	74	-19.99	170	296	V
2	2.541007	44.54	PK	32.4	-20.4	0	56.54	-	-	74	-17.46	170	296	V
3	* 2.4835	31.69	RMS	32.3	-20.3	0	43.69	54	-10.31	-	-	170	296	V
4	* 2.485932	32.25	RMS	32.3	-20.2	0	44.35	54	-9.65	-	-	170	296	V

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

PK - Peak detector

RMS - RMS detection

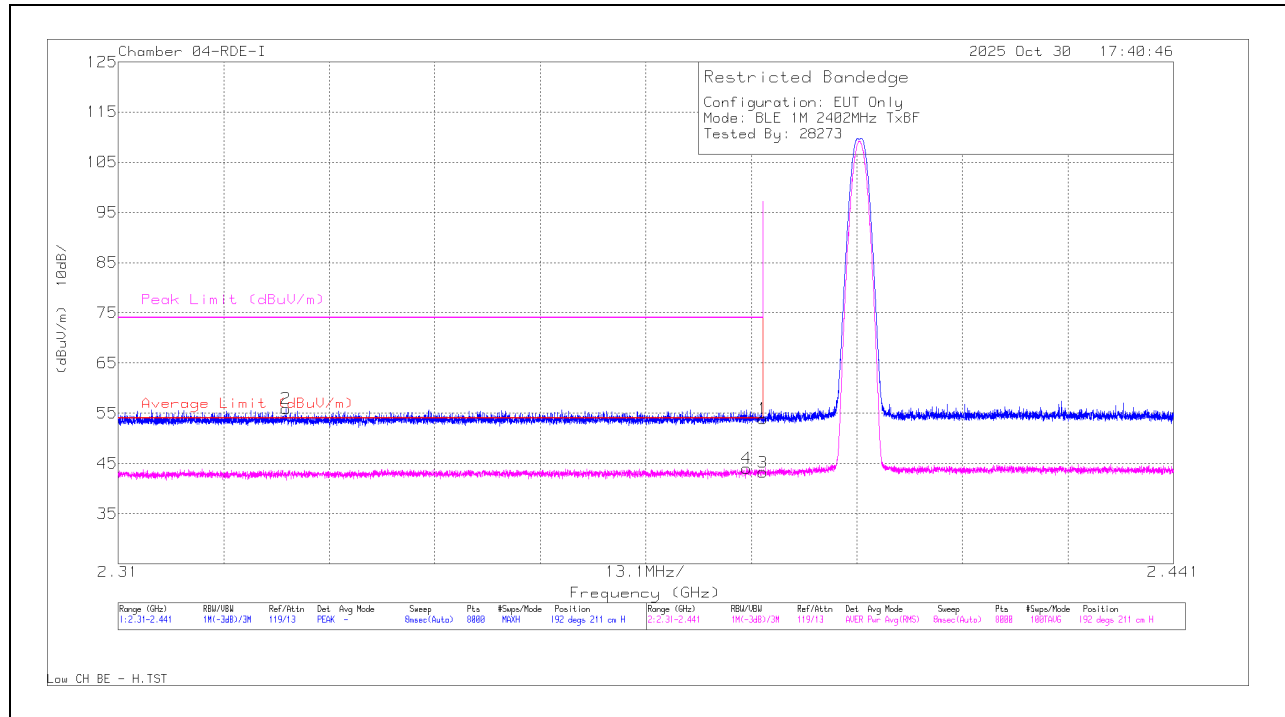
10.1.3. MIMO TXBF MODE – LOW BANDEDGE – HIGH POWER

2.4GHz (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2402	4 + 3	* 2.39	42.04	Pk	31.8	-19.9	0	53.94	-	-	74	-20.06	192	211	H
			* 2.330848	43.98	Pk	31.6	-19.7	0	55.88	-	-	74	-18.12	192	211	H
			* 2.39	31.31	RMS	31.8	-19.9	0	43.21	54	-10.79	-	-	192	211	H
			* 2.388004	31.99	RMS	31.8	-19.8	0	43.99	54	-10.01	-	-	192	211	H
			* 2.39	43.6	Pk	31.8	-19.9	0	55.5	-	-	74	-18.5	28	396	V
			* 2.387856	45.2	Pk	31.8	-19.8	0	57.2	-	-	74	-16.8	28	396	V
			* 2.39	32.89	RMS	31.8	-19.9	0	44.79	54	-9.21	-	-	28	396	V
			* 2.384925	33.5	RMS	31.7	-19.8	0	45.4	54	-8.6	-	-	28	396	V
LE2M	2404	4 + 3	* 2.39	43.07	Pk	31.8	-19.9	0	54.97	-	-	74	-19.03	18	153	H
			* 2.326361	45.27	Pk	31.6	-19.7	0	57.17	-	-	74	-16.83	18	153	H
			* 2.39	32.85	RMS	31.8	-19.9	0	44.75	54	-9.25	-	-	18	153	H
			* 2.384221	33.39	RMS	31.7	-19.8	0	45.29	54	-8.71	-	-	18	153	H
			* 2.39	42.77	Pk	31.8	-19.9	0	54.67	-	-	74	-19.33	42	400	V
			* 2.349256	45.42	Pk	31.7	-19.7	0	57.42	-	-	74	-16.58	42	400	V
			* 2.39	32.34	RMS	31.8	-19.9	0	44.24	54	-9.76	-	-	42	400	V
			* 2.342132	33.25	RMS	31.7	-19.7	0	45.25	54	-8.75	-	-	42	400	V

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

Pk - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (1Mbps)**BANEDGE (LOW CHANNEL)****HORIZONTAL RESULT****Trace Markers**

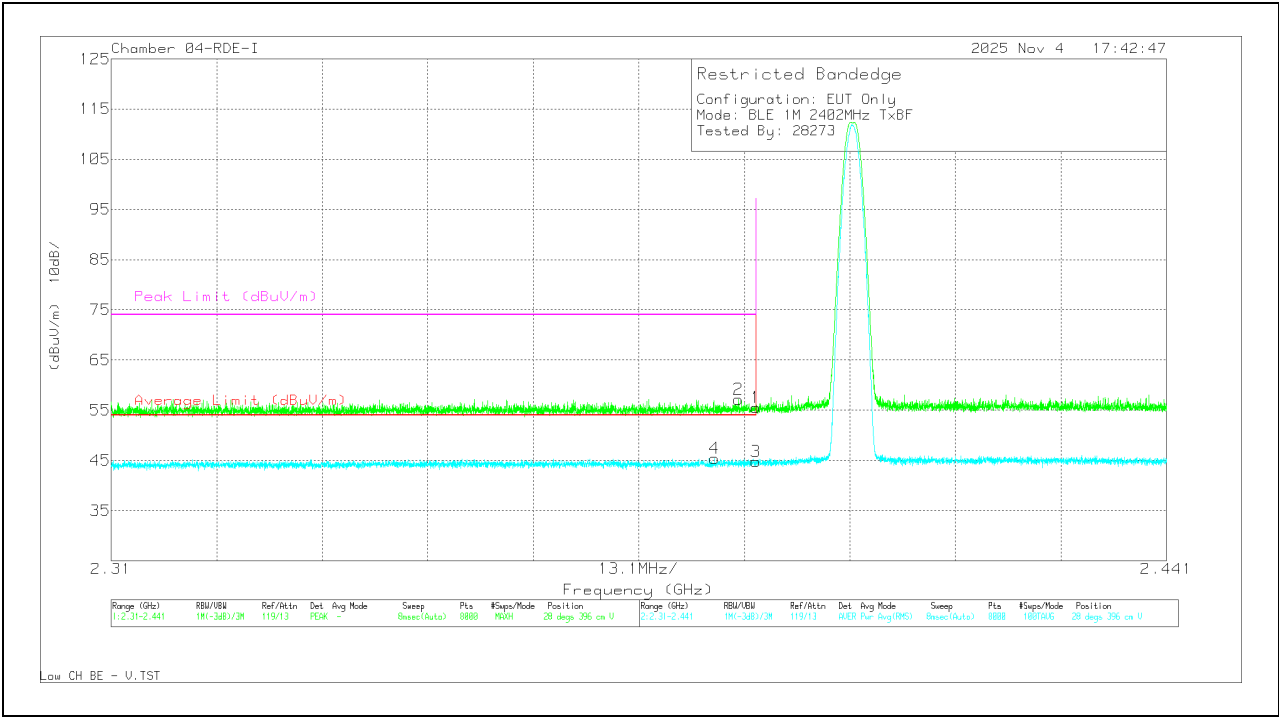
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.04	Pk	31.8	-19.9	0	53.94	-	-	74	-20.06	192	211	H
2	* 2.330848	43.98	Pk	31.6	-19.7	0	55.88	-	-	74	-18.12	192	211	H
3	* 2.39	31.31	RMS	31.8	-19.9	0	43.21	54	-10.79	-	-	192	211	H
4	* 2.388004	31.99	RMS	31.8	-19.8	0	43.99	54	-10.01	-	-	192	211	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.6	PK	31.8	-19.9	0	55.5	-	-	74	-18.5	28	396	V
2	* 2.387856	45.2	PK	31.8	-19.8	0	57.2	-	-	74	-16.8	28	396	V
3	* 2.39	32.89	RMS	31.8	-19.9	0	44.79	54	-9.21	-	-	28	396	V
4	* 2.384925	33.5	RMS	31.7	-19.8	0	45.4	54	-8.6	-	-	28	396	V

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

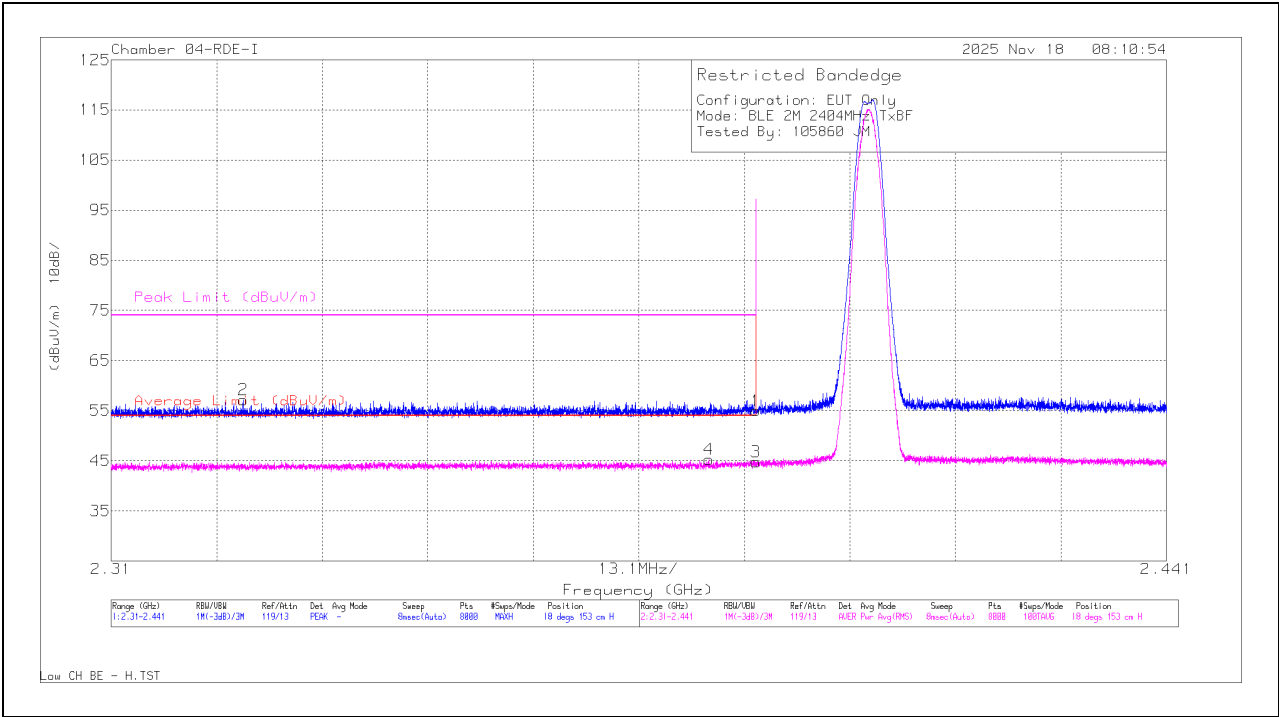
PK - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

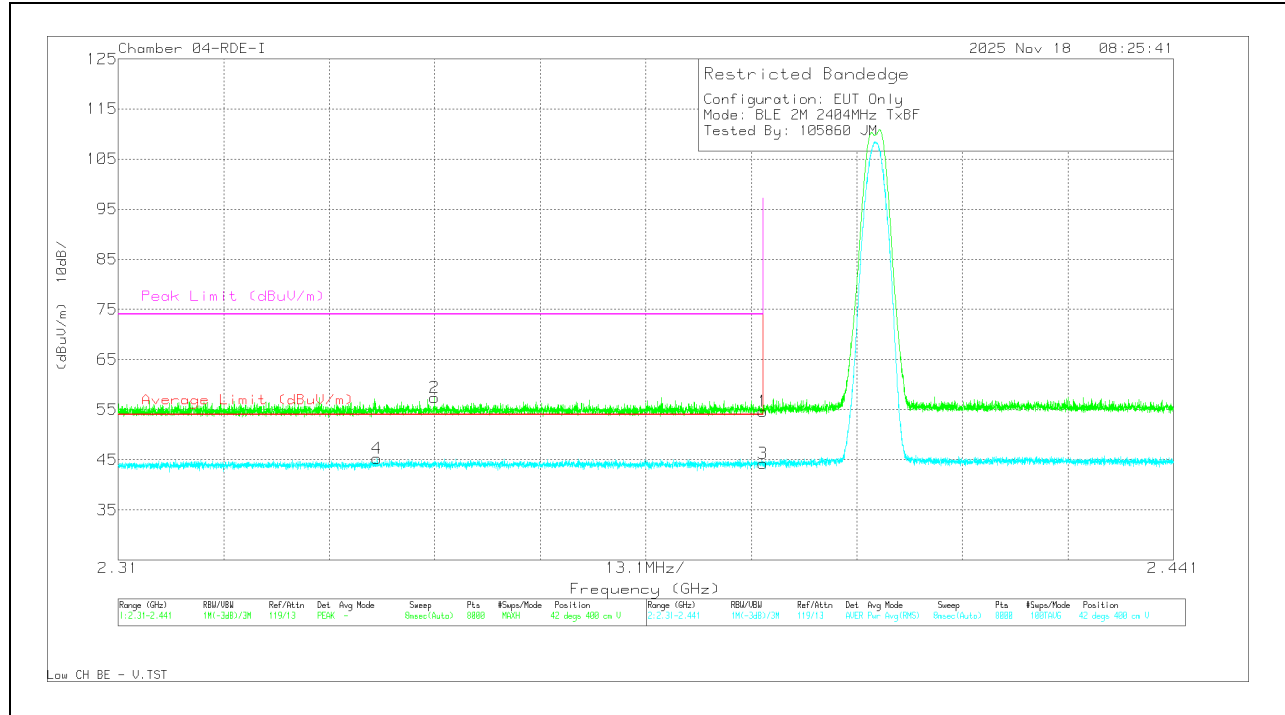
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACI (dB/m)	Amp/Ch/Ref (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	43.07	PK	31.8	-19.9	0	54.97	-	-	74	-19.03	18	153	H
2	* 2.326361	45.27	PK	31.6	-19.7	0	57.17	-	-	74	-16.83	18	153	H
3	* 2.39	32.85	RMS	31.8	-19.9	0	44.75	54	-9.25	-	-	18	153	H
4	* 2.384221	33.39	RMS	31.7	-19.8	0	45.29	54	-8.71	-	-	18	153	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.77	Pk	31.8	-19.9	0	54.67	-	-	74	-19.33	42	400	V
2	* 2.349256	45.42	Pk	31.7	-19.7	0	57.42	-	-	74	-16.58	42	400	V
3	* 2.39	32.34	RMS	31.8	-19.9	0	44.24	54	-9.76	-	-	42	400	V
4	* 2.342132	33.25	RMS	31.7	-19.7	0	45.25	54	-8.75	-	-	42	400	V

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

Pk - Peak detector

RMS - RMS detection

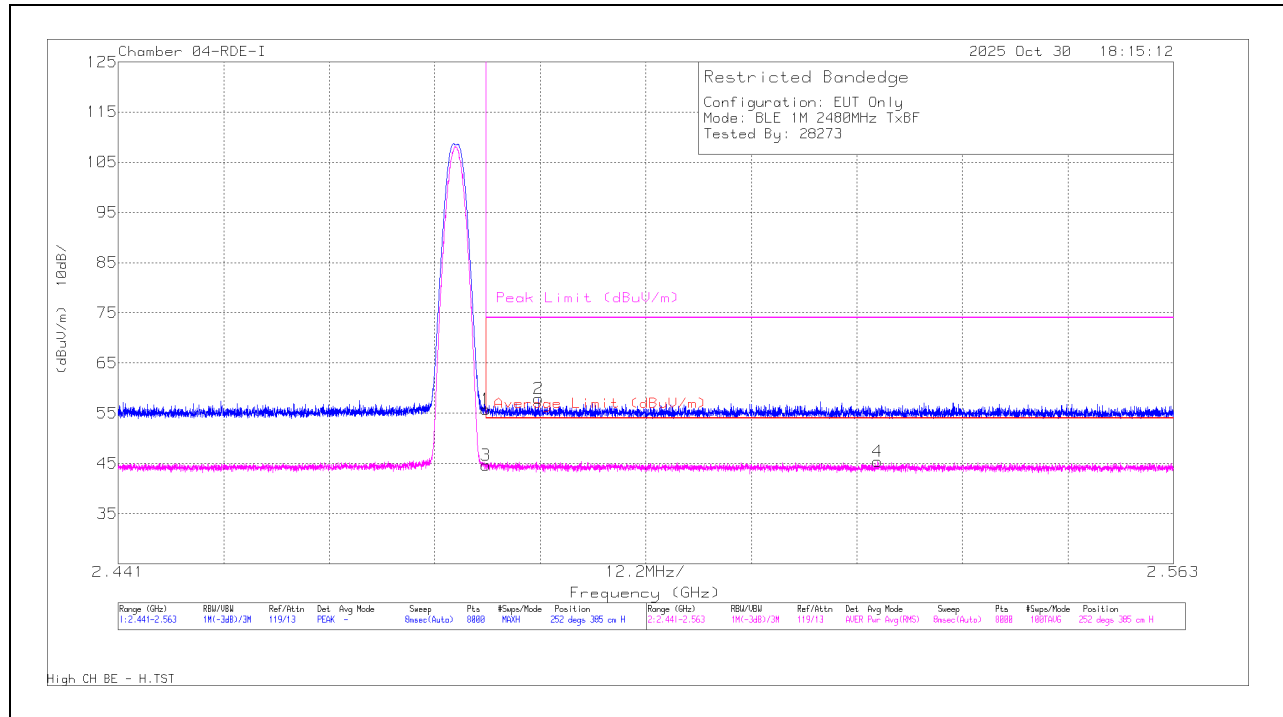
10.1.4. MIMO TXBF MODE – HIGH BANDEDGE – HIGH POWER

2.4GHz (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2480	4 + 3	* 2.4835	43.8	Pk	32.3	-20.3	0	55.8	-	-	74	-18.2	252	385	H
			* 2.489593	45.79	Pk	32.3	-20.2	0	57.89	-	-	74	-16.11	252	385	H
			* 2.4835	32.6	RMS	32.3	-20.3	0	44.6	54	-9.4	-	-	252	385	H
			2.528821	33.38	RMS	32.4	-20.4	0	45.38	54	-8.62	-	-	252	385	H
			* 2.4835	44.45	Pk	32.3	-20.3	0	56.45	-	-	74	-17.55	348	371	V
			* 2.483767	46.18	Pk	32.3	-20.3	0	58.18	-	-	74	-15.82	348	371	V
			* 2.4835	34.27	RMS	32.3	-20.3	0	46.27	54	-7.73	-	-	348	371	V
			* 2.483767	34.59	RMS	32.3	-20.3	0	46.59	54	-7.41	-	-	348	371	V
LE2M	2478	4 + 3	* 2.4835	42.67	Pk	32.3	-20.3	0	54.67	-	-	74	-19.33	255	379	H
			2.5136	45.26	Pk	32.4	-20.4	0	57.26	-	-	74	-16.74	255	379	H
			* 2.4835	31.82	RMS	32.3	-20.3	0	43.82	54	-10.18	-	-	255	379	H
			* 2.488464	33.1	RMS	32.3	-20.2	0	45.2	54	-8.8	-	-	255	379	H
			* 2.4835	43.76	Pk	32.3	-20.3	0	55.76	-	-	74	-18.24	169	372	V
			2.512059	46.09	Pk	32.4	-20.4	0	58.09	-	-	74	-15.91	169	372	V
			* 2.4835	33.51	RMS	32.3	-20.3	0	45.51	54	-8.49	-	-	169	372	V
			* 2.484224	34.2	RMS	32.3	-20.3	0	46.2	54	-7.8	-	-	169	372	V

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

Pk - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (1Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

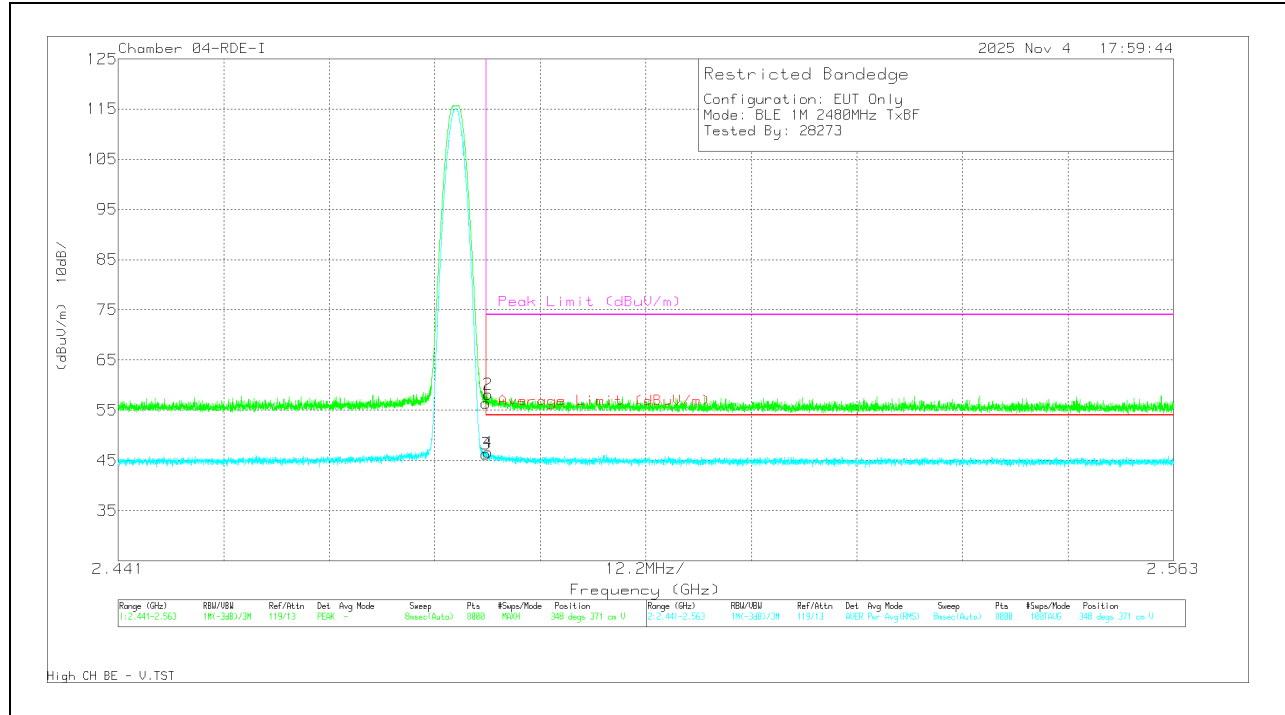
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.8	PK	32.3	-20.3	0	55.8	-	-	74	-18.2	252	385	H
2	* 2.489593	45.79	PK	32.3	-20.2	0	57.89	-	-	74	-16.11	252	385	H
3	* 2.4835	32.6	RMS	32.3	-20.3	0	44.6	54	-9.4	-	-	252	385	H
4	2.528821	33.38	RMS	32.4	-20.4	0	45.38	54	-8.62	-	-	252	385	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



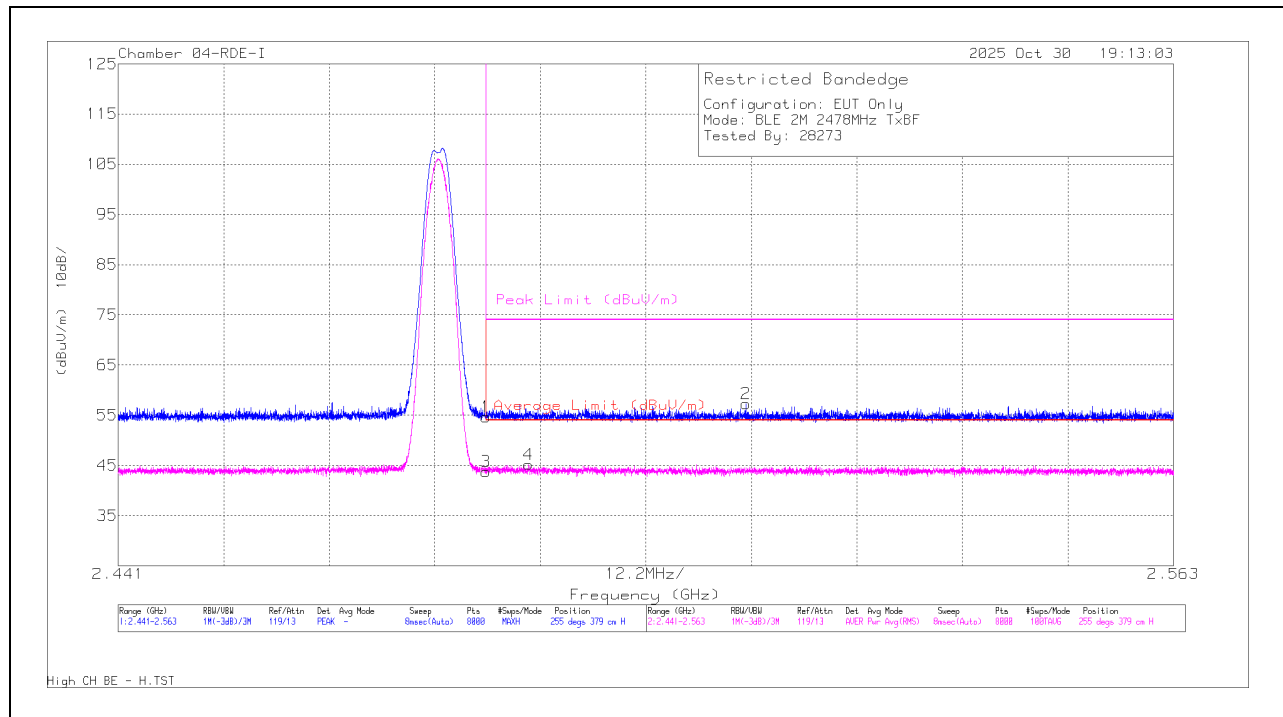
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	44.45	PK	32.3	-20.3	0	56.45	-	-	74	-17.55	348	371	V
2	* 2.483767	46.18	PK	32.3	-20.3	0	58.18	-	-	74	-15.82	348	371	V
3	* 2.4835	34.27	RMS	32.3	-20.3	0	46.27	54	-7.73	-	-	348	371	V
4	* 2.483767	34.59	RMS	32.3	-20.3	0	46.59	54	-7.41	-	-	348	371	V

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

PK - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (2Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

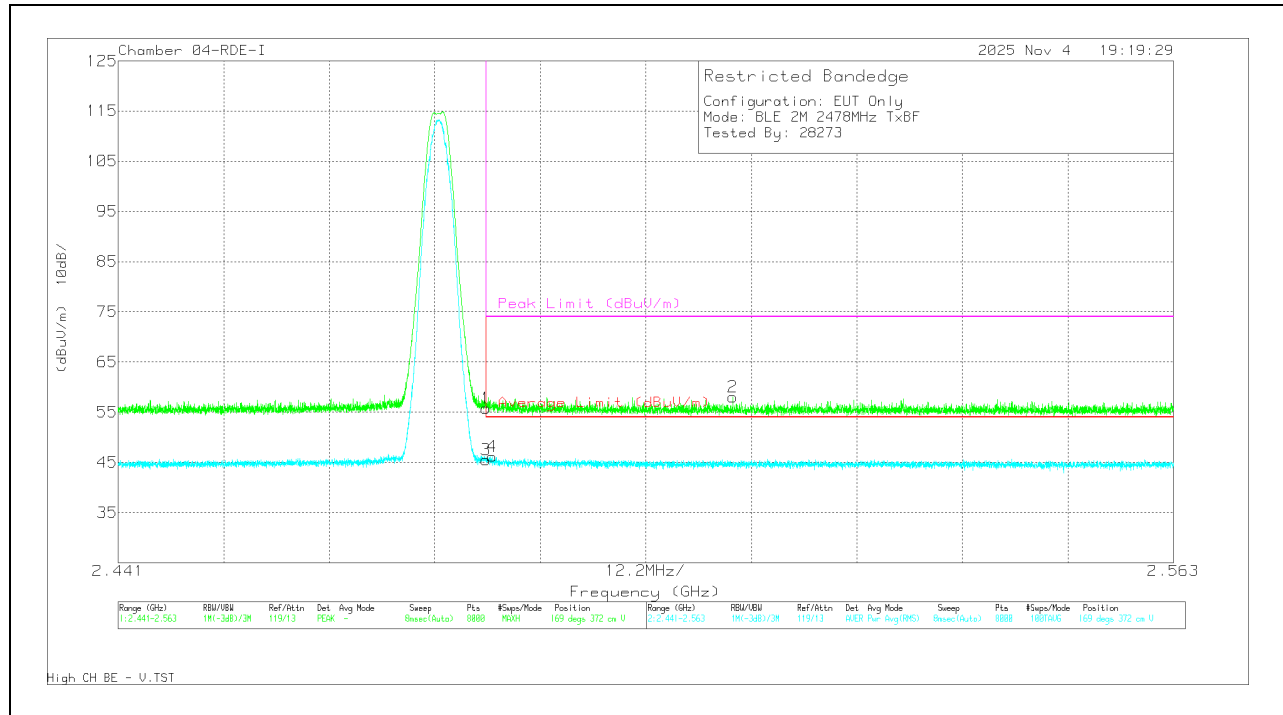
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	42.67	Pk	32.3	-20.3	0	54.67	-	-	74	-19.33	255	379	H
2	2.5136	45.26	Pk	32.4	-20.4	0	57.26	-	-	74	-16.74	255	379	H
3	* 2.4835	31.82	RMS	32.3	-20.3	0	43.82	54	-10.18	-	-	255	379	H
4	* 2.488464	33.1	RMS	32.3	-20.2	0	45.2	54	-8.8	-	-	255	379	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.76	PK	32.3	-20.3	0	55.76	-	-	74	-18.24	169	372	V
2	2.512059	46.09	PK	32.4	-20.4	0	58.09	-	-	74	-15.91	169	372	V
3	* 2.4835	33.51	RMS	32.3	-20.3	0	45.51	54	-8.49	-	-	169	372	V
4	* 2.484224	34.2	RMS	32.3	-20.3	0	46.2	54	-7.8	-	-	169	372	V

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

PK - Peak detector

RMS - RMS detection

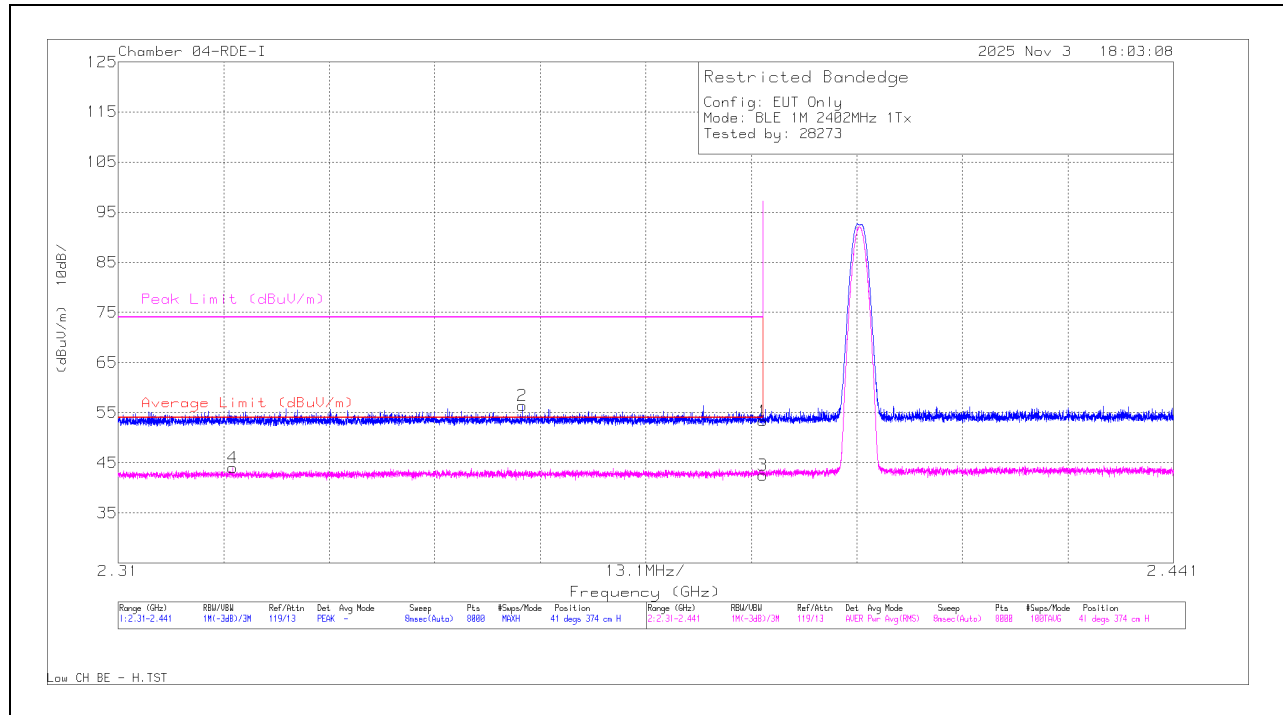
10.1.5. SISO MODE – LOW BANDEDGE – LOW POWER

2.4GHz (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2402	4	* 2.39	41.44	Pk	31.8	-19.9	0	53.34	-	-	74	-20.66	41	374	H
			* 2.360163	44.43	Pk	31.7	-19.7	0	56.43	-	-	74	-17.57	41	374	H
			* 2.39	30.67	RMS	31.8	-19.9	0	42.57	54	-11.43	-	-	41	374	H
			* 2.324199	32.1	RMS	31.6	-19.7	0	44	54	-10	-	-	41	374	H
			* 2.39	42.03	Pk	31.8	-19.9	0	53.93	-	-	74	-20.07	5	399	V
			* 2.364339	44.52	Pk	31.7	-19.7	0	56.52	-	-	74	-17.48	5	399	V
		3	* 2.39	31.11	RMS	31.8	-19.9	0	43.01	54	-10.99	-	-	5	399	V
			* 2.387316	32.39	RMS	31.8	-19.8	0	44.39	54	-9.61	-	-	5	399	V
			* 2.39	42.38	Pk	31.8	-19.9	0	54.28	-	-	74	-19.72	193	394	H
			* 2.353972	45.55	Pk	31.7	-19.7	0	57.55	-	-	74	-16.45	193	394	H
			* 2.39	32.19	RMS	31.8	-19.9	0	44.09	54	-9.91	-	-	193	394	H
			* 2.387136	32.91	RMS	31.8	-19.8	0	44.91	54	-9.09	-	-	193	394	H
			* 2.39	42.79	Pk	31.8	-19.9	0	54.69	-	-	74	-19.31	142	321	V
			* 2.37934	44.84	Pk	31.7	-19.7	0	56.84	-	-	74	-17.16	142	321	V
			* 2.39	31.44	RMS	31.8	-19.9	0	43.34	54	-10.66	-	-	142	321	V
			* 2.389003	32.64	RMS	31.8	-19.8	0	44.64	54	-9.36	-	-	142	321	V
LE2M	2404	4	* 2.39	61.42	Pk	32.2	-38.9	0	54.72	-	-	74	-19.28	33	162	H
			* 2.377365	62.64	Pk	32.1	-39	0	55.74	-	-	74	-18.26	33	162	H
			* 2.39	49.42	RMS	32.2	-38.9	0	42.72	54	-11.28	-	-	33	162	H
			* 2.389738	50.74	RMS	32.2	-38.9	0	44.04	54	-9.96	-	-	33	162	H
			* 2.39	60.21	Pk	32.2	-38.9	0	53.51	-	-	74	-20.49	266	396	V
			* 2.389607	62.73	Pk	32.2	-38.9	0	56.03	-	-	74	-17.97	266	396	V
		3	* 2.39	49.34	RMS	32.2	-38.9	0	42.64	54	-11.36	-	-	266	396	V
			* 2.387321	50.75	RMS	32.2	-38.9	0	44.05	54	-9.95	-	-	266	396	V
			* 2.39	41.56	Pk	31.8	-19.9	0	53.46	-	-	74	-20.54	116	167	H
			* 2.360638	44.34	Pk	31.7	-19.7	0	56.34	-	-	74	-17.66	116	167	H
			* 2.39	31.55	RMS	31.8	-19.9	0	43.45	54	-10.55	-	-	116	167	H
			* 2.3543	32.3	RMS	31.7	-19.7	0	44.3	54	-9.7	-	-	116	167	H
			* 2.39	42.49	Pk	31.8	-19.9	0	54.39	-	-	74	-19.61	167	401	V
			* 2.358067	44.64	Pk	31.7	-19.7	0	56.64	-	-	74	-17.36	167	401	V
			* 2.39	31.43	RMS	31.8	-19.9	0	43.33	54	-10.67	-	-	167	401	V
			* 2.368679	32.39	RMS	31.7	-19.7	0	44.39	54	-9.61	-	-	167	401	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 4 (1Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT****Trace Markers**

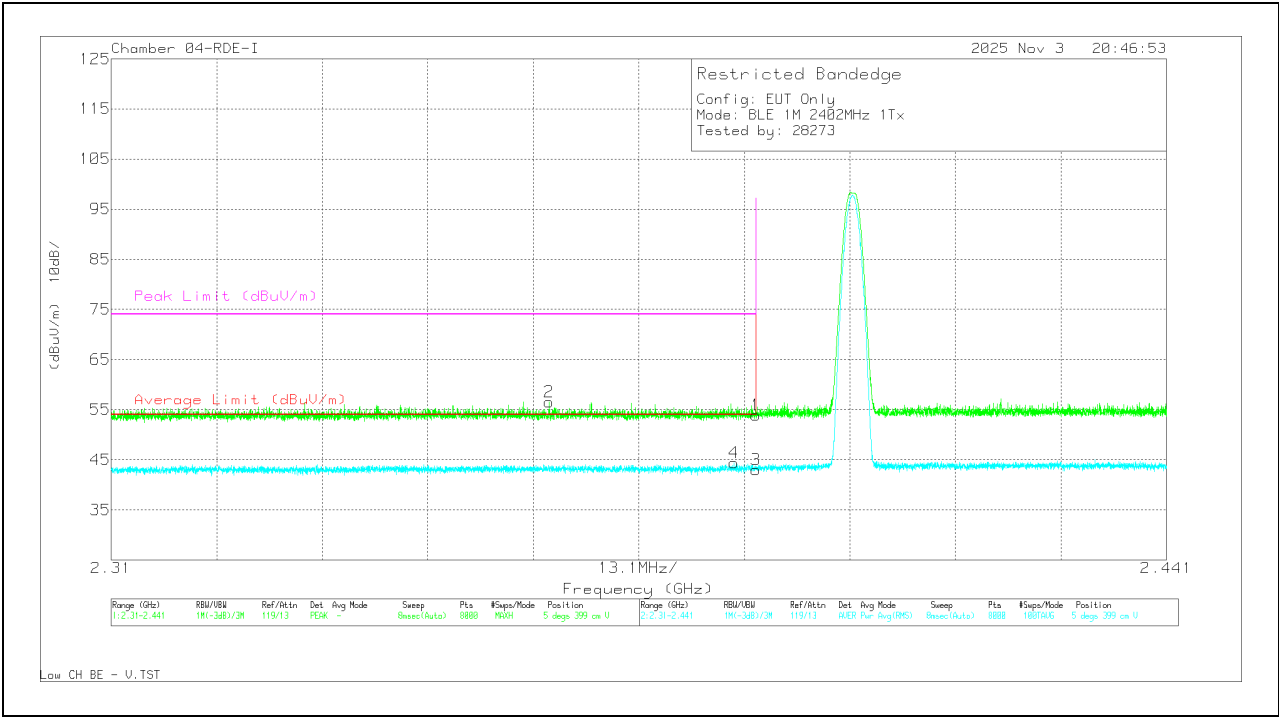
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/CM/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.44	Pk	31.8	-19.9	0	53.34	-	-	74	-20.66	41	374	H
2	* 2.360163	44.43	Pk	31.7	-19.7	0	56.43	-	-	74	-17.57	41	374	H
3	* 2.39	30.67	RMS	31.8	-19.9	0	42.57	54	-11.43	-	-	41	374	H
4	* 2.324199	32.1	RMS	31.6	-19.7	0	44	54	-10	-	-	41	374	H

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

Pk - Peak detector

RMS - RMS detection

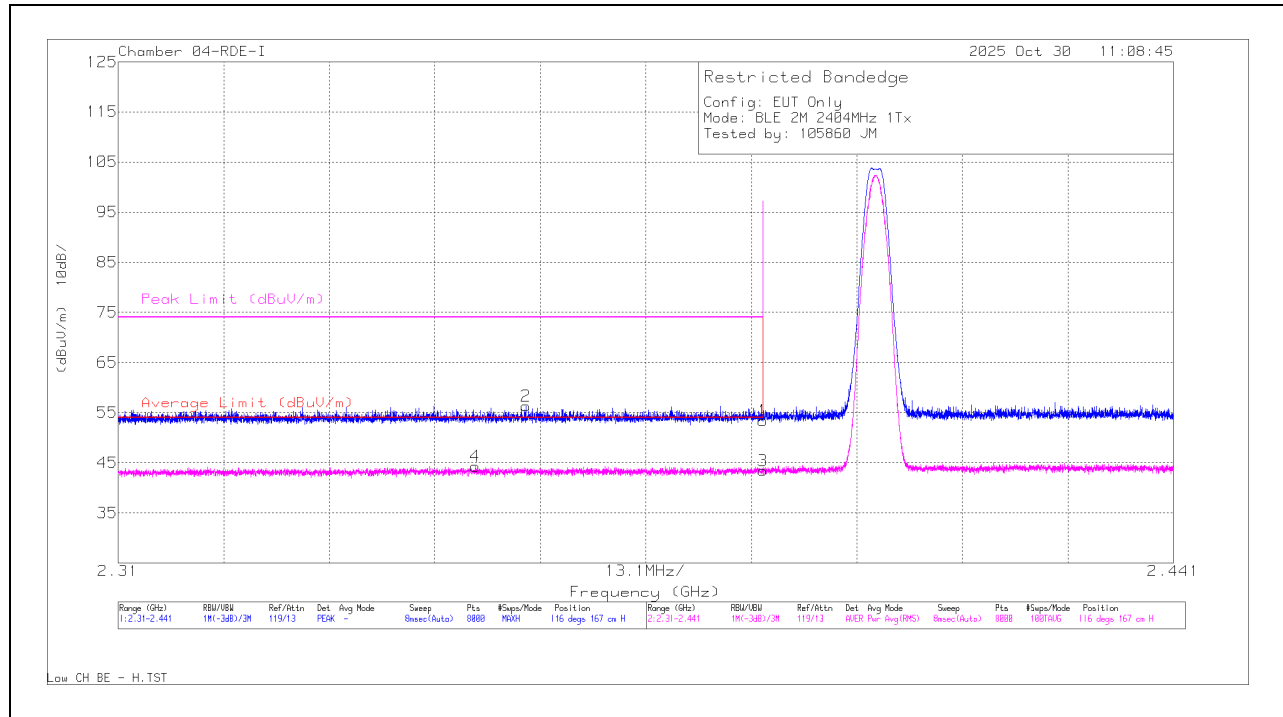
VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.03	PK	31.8	-19.9	0	53.93	-	-	74	-20.07	5	399	V
2	* 2.364339	44.52	PK	31.7	-19.7	0	56.52	-	-	74	-17.48	5	399	V
3	* 2.39	31.11	RMS	31.8	-19.9	0	43.01	54	-10.99	-	-	5	399	V
4	* 2.387316	32.39	RMS	31.8	-19.8	0	44.39	54	-9.61	-	-	5	399	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

1TX Antenna 3 (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT****Trace Markers**

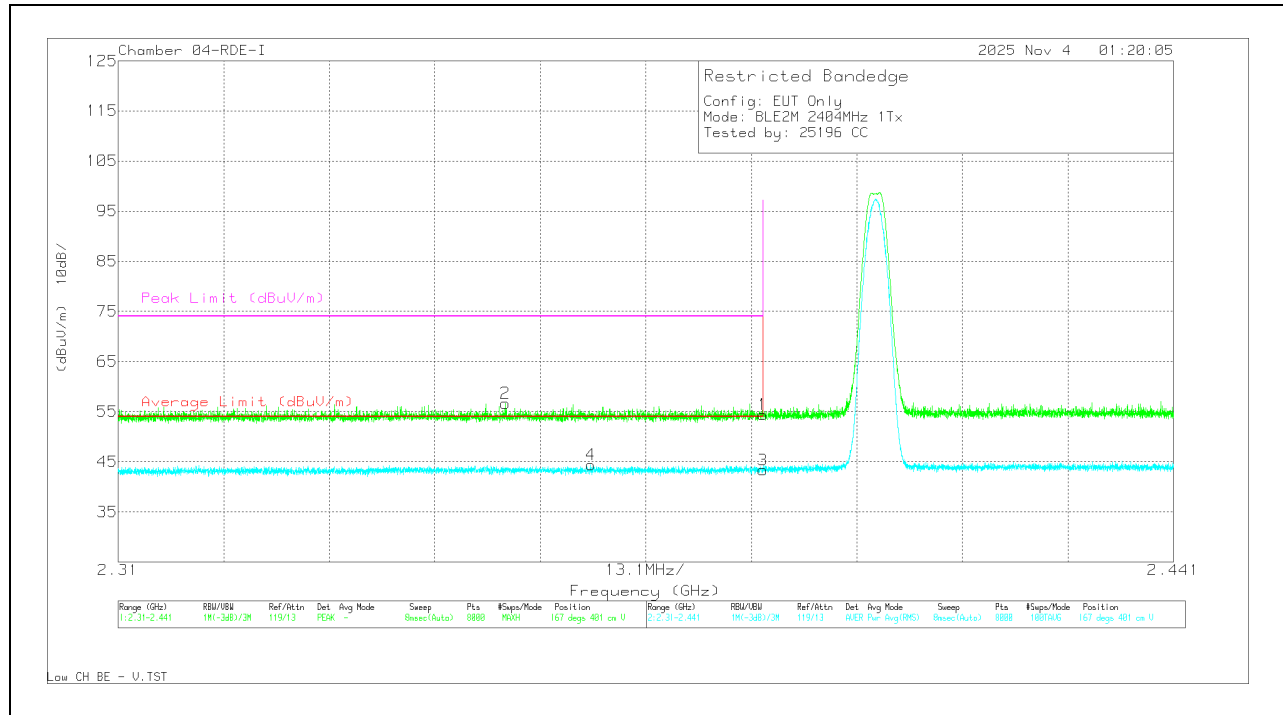
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.56	Pk	31.8	-19.9	0	53.46	-	-	74	-20.54	116	167	H
2	* 2.360638	44.34	Pk	31.7	-19.7	0	56.34	-	-	74	-17.66	116	167	H
3	* 2.39	31.55	RMS	31.8	-19.9	0	43.45	54	-10.55	-	-	116	167	H
4	* 2.3543	32.3	RMS	31.7	-19.7	0	44.3	54	-9.7	-	-	116	167	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.49	PK	31.8	-19.9	0	54.39	-	-	74	-19.61	167	401	V
2	* 2.358067	44.64	PK	31.7	-19.7	0	56.64	-	-	74	-17.36	167	401	V
3	* 2.39	31.43	RMS	31.8	-19.9	0	43.33	54	-10.67	-	-	167	401	V
4	* 2.368679	32.39	RMS	31.7	-19.7	0	44.39	54	-9.61	-	-	167	401	V

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

Pk - Peak detector

RMS - RMS detection

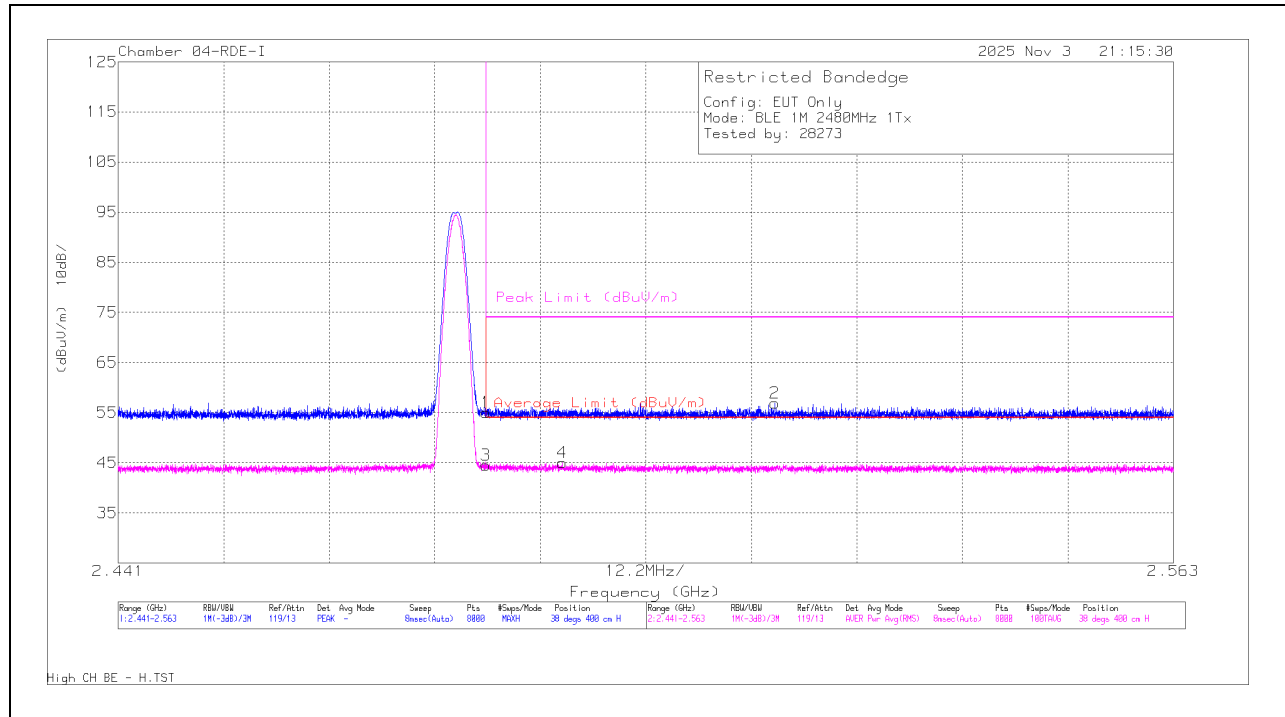
10.1.6. SISO MODE – HIGH BANDEDGE – LOW POWER

2.4GHz (SISO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2480	4	* 2.4835	43.01	Pk	32.3	-20.3	0	55.01	-	-	74	-18.99	38	400	H
			2.516909	44.88	Pk	32.4	-20.4	0	56.88	-	-	74	-17.12	38	400	H
			* 2.4835	32.5	RMS	32.3	-20.3	0	44.5	54	-9.5	-	-	38	400	H
			* 2.492369	33.07	RMS	32.3	-20.3	0	45.07	54	-8.93	-	-	38	400	H
			* 2.4835	42.23	Pk	32.3	-20.3	0	54.23	-	-	74	-19.77	355	379	V
			2.548435	44.56	Pk	32.4	-20.5	0	56.46	-	-	74	-17.54	355	379	V
			* 2.4835	31.49	RMS	32.3	-20.3	0	43.49	54	-10.51	-	-	355	379	V
			* 2.485399	32.4	RMS	32.3	-20.2	0	44.5	54	-9.5	-	-	355	379	V
		3	* 2.4835	43.34	Pk	32.3	-20.3	0	55.34	-	-	74	-18.66	57	178	H
			* 2.485444	46.02	Pk	32.3	-20.2	0	58.12	-	-	74	-15.88	57	178	H
			* 2.4835	32.54	RMS	32.3	-20.3	0	44.54	54	-9.46	-	-	57	178	H
			2.51816	33.68	RMS	32.4	-20.4	0	45.68	54	-8.32	-	-	57	178	H
			* 2.4835	44.18	Pk	32.3	-20.3	0	56.18	-	-	74	-17.82	20	106	V
			* 2.485277	45.61	Pk	32.3	-20.2	0	57.71	-	-	74	-16.29	20	106	V
			* 2.4835	32.65	RMS	32.3	-20.3	0	44.65	54	-9.35	-	-	20	106	V
			* 2.484712	33.78	RMS	32.3	-20.3	0	45.78	54	-8.22	-	-	20	106	V
LE2M	2478	4	* 2.4835	42.22	Pk	32.3	-20.3	0	54.22	-	-	74	-19.78	38	100	H
			2.552812	44.52	Pk	32.4	-20.5	0	56.42	-	-	74	-17.58	38	100	H
			* 2.4835	31.43	RMS	32.3	-20.3	0	43.43	54	-10.57	-	-	38	100	H
			* 2.489212	32.19	RMS	32.3	-20.2	0	44.29	54	-9.71	-	-	38	100	H
			* 2.4835	42.95	Pk	32.3	-20.3	0	54.95	-	-	74	-19.05	8	401	V
			2.551287	44.98	Pk	32.4	-20.5	0	56.88	-	-	74	-17.12	8	401	V
			* 2.4835	32.01	RMS	32.3	-20.3	0	44.01	54	-9.99	-	-	8	401	V
			2.511373	33	RMS	32.4	-20.4	0	45	54	-9	-	-	8	401	V
		3	2.4835	60.58	Pk	32.2	-39.76	0	53.02	-	-	74	-20.98	229	327	H
			2.516358	63.47	Pk	32.2	-39.71	0	55.96	-	-	74	-18.04	229	327	H
			2.4835	49.67	RMS	32.2	-39.76	0	42.11	54	-11.89	-	-	229	327	H
			2.540515	51.05	RMS	32.2	-39.68	0	43.57	54	-10.43	-	-	229	327	H
			2.4835	61.94	Pk	32.2	-39.76	0	54.38	-	-	74	-19.62	332	355	V
			2.54427	63.86	Pk	32.2	-39.65	0	56.41	-	-	74	-17.59	332	355	V
			2.4835	50.35	RMS	32.2	-39.76	0	42.79	54	-11.21	-	-	332	355	V
			2.561093	51.01	RMS	32.2	-39.56	0	43.65	54	-10.35	-	-	332	355	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 4 (1Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

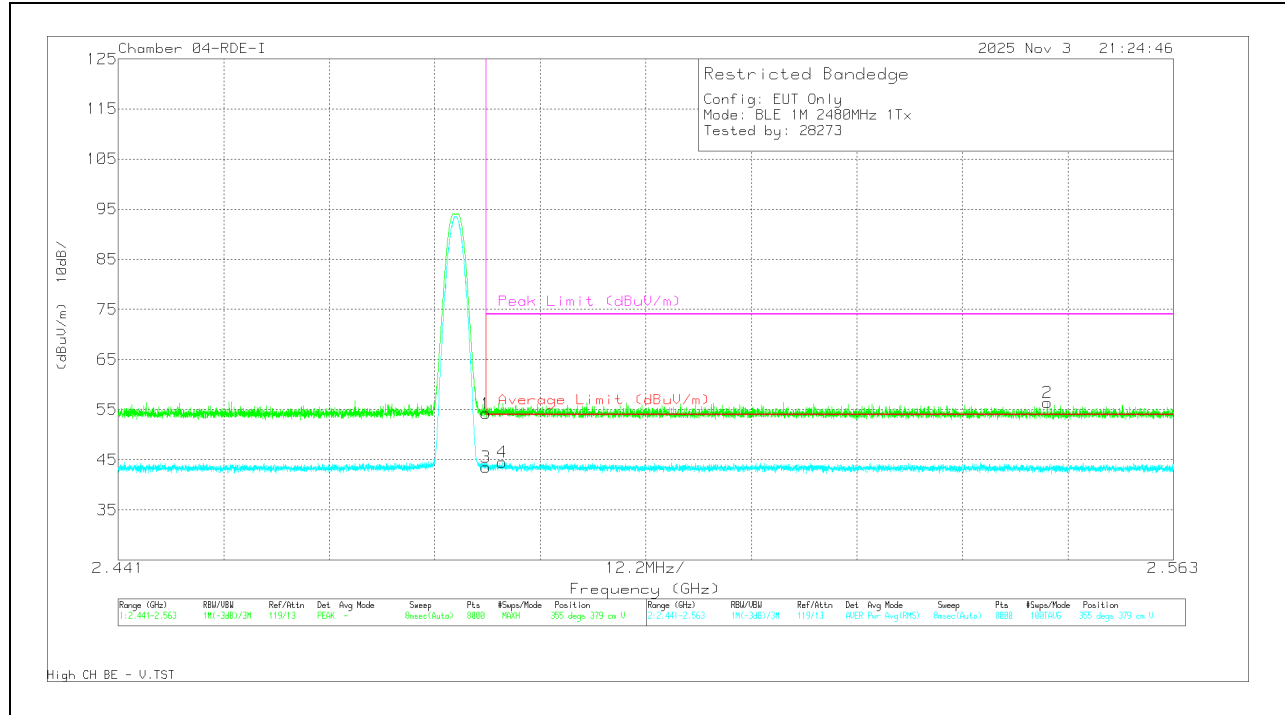
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/CH/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.01	Pk	32.3	-20.3	0	55.01	-	-	74	-18.99	38	400	H
2	2.516909	44.88	Pk	32.4	-20.4	0	56.88	-	-	74	-17.12	38	400	H
3	* 2.4835	32.5	RMS	32.3	-20.3	0	44.5	54	-9.5	-	-	38	400	H
4	* 2.492369	33.07	RMS	32.3	-20.3	0	45.07	54	-8.93	-	-	38	400	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl/Psd (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.23	PK	32.3	-20.3	0	54.23	-	-	74	-19.77	355	379	V
2	2.548435	44.56	PK	32.4	-20.5	0	56.46	-	-	74	-17.54	355	379	V
3	* 2.4835	31.49	RMS	32.3	-20.3	0	43.49	54	-10.51	-	-	355	379	V
4	* 2.485399	32.4	RMS	32.3	-20.2	0	44.5	54	-9.5	-	-	355	379	V

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

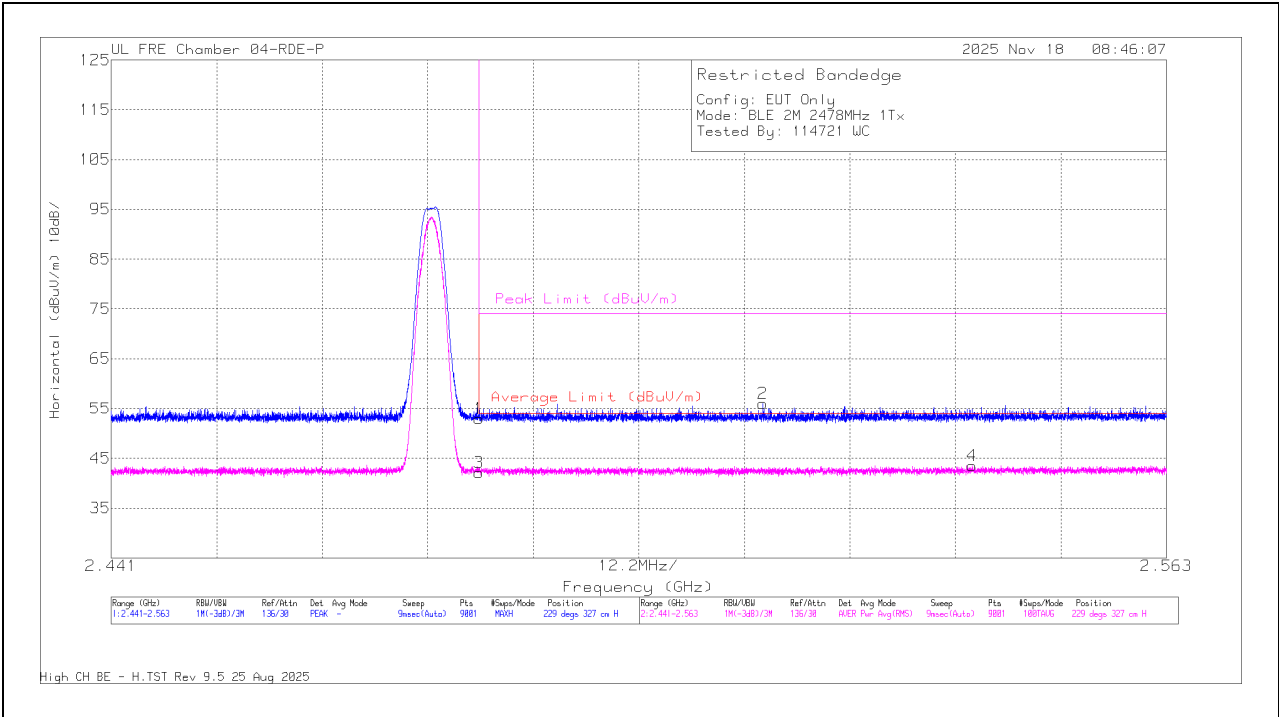
PK - Peak detector

RMS - RMS detection

1TX Antenna 3 (2Mbps)

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

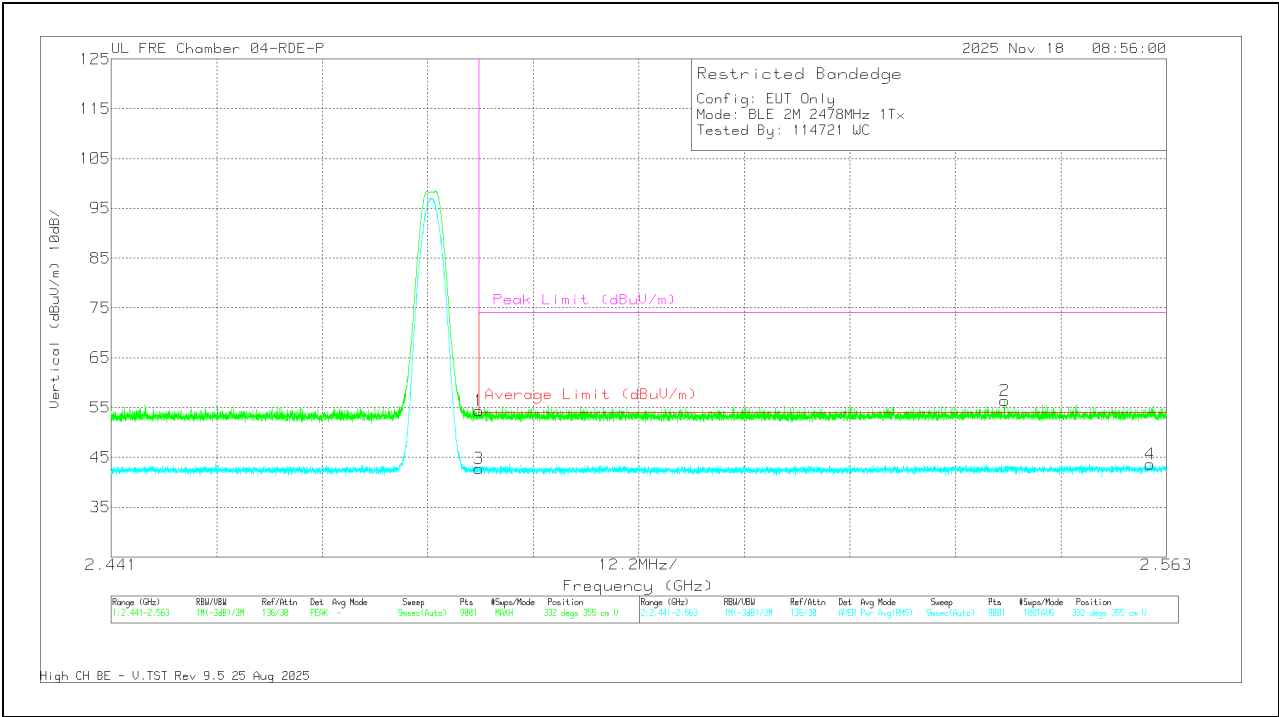


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200997 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	60.58	Pk	32.2	-39.76	0	53.02	-	-	74	-20.98	229	327	H
2	2.516358	63.47	Pk	32.2	-39.71	0	55.96	-	-	74	-18.04	229	327	H
3	2.4835	49.67	RMS	32.2	-39.76	0	42.11	54	-11.89	-	-	229	327	H
4	2.540515	51.05	RMS	32.2	-39.68	0	43.57	54	-10.43	-	-	229	327	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200997 ACF (dBm)	Gain/Loss (dB)	DOCF (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	61.94	Pk	32.2	-39.76	0	54.38	-	-	74	-19.62	332	355	V
2	2.54427	63.86	Pk	32.2	-39.65	0	56.41	-	-	74	-17.59	332	355	V
3	2.4835	50.35	RMS	32.2	-39.76	0	42.79	54	-11.21	-	-	332	355	V
4	2.561093	51.01	RMS	32.2	-39.56	0	43.65	54	-10.35	-	-	332	355	V

Pk - Peak detector
RMS - RMS detection

10.1.7. MIMO TXBF MODE – LOW BANDEDGE – LOW POWER

2.4GHz (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Filt/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2402	4 + 3	* 2.39	44.01	Pk	31.8	-19.9	0	55.91	-	-	74	-18.09	240	161	H
			* 2.3345	45.26	Pk	31.6	-19.7	0	57.16	-	-	74	-16.84	240	161	H
			* 2.39	32.19	RMS	31.8	-19.9	0	44.09	54	-9.91	-	-	240	161	H
			* 2.389117	33.25	RMS	31.8	-19.8	0	45.25	54	-8.75	-	-	240	161	H
			* 2.39	43.49	Pk	31.8	-19.9	0	55.39	-	-	74	-18.61	166	359	V
			* 2.31393	46.12	Pk	31.5	-19.7	0	57.92	-	-	74	-16.08	166	359	V
			* 2.39	32.81	RMS	31.8	-19.9	0	44.71	54	-9.29	-	-	166	359	V
			* 2.349796	33.16	RMS	31.7	-19.7	0	45.16	54	-8.84	-	-	166	359	V
LE2M	2404	4 + 3	* 2.39	42.58	Pk	31.8	-19.9	0	54.48	-	-	74	-19.52	13	102	H
			* 2.357395	45.61	Pk	31.7	-19.7	0	57.61	-	-	74	-16.39	13	102	H
			* 2.39	32.36	RMS	31.8	-19.9	0	44.26	54	-9.74	-	-	13	102	H
			* 2.343868	33.14	RMS	31.7	-19.6	0	45.24	54	-8.76	-	-	13	102	H
			* 2.39	42.68	Pk	31.8	-19.9	0	54.58	-	-	74	-19.42	8	400	V
			* 2.385089	45.6	Pk	31.7	-19.8	0	57.5	-	-	74	-16.5	8	400	V
			* 2.39	32.63	RMS	31.8	-19.9	0	44.53	54	-9.47	-	-	8	400	V
			* 2.374918	33.35	RMS	31.7	-19.8	0	45.25	54	-8.75	-	-	8	400	V

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

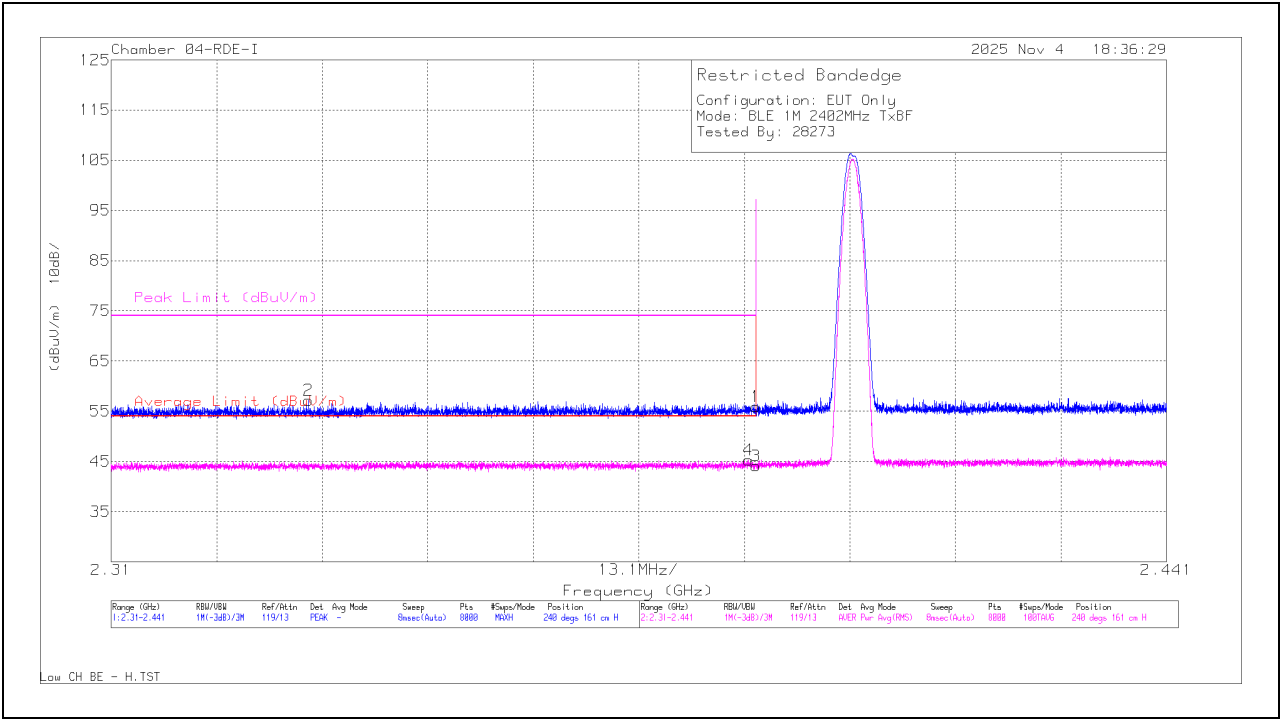
Pk - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (1Mbps)

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT

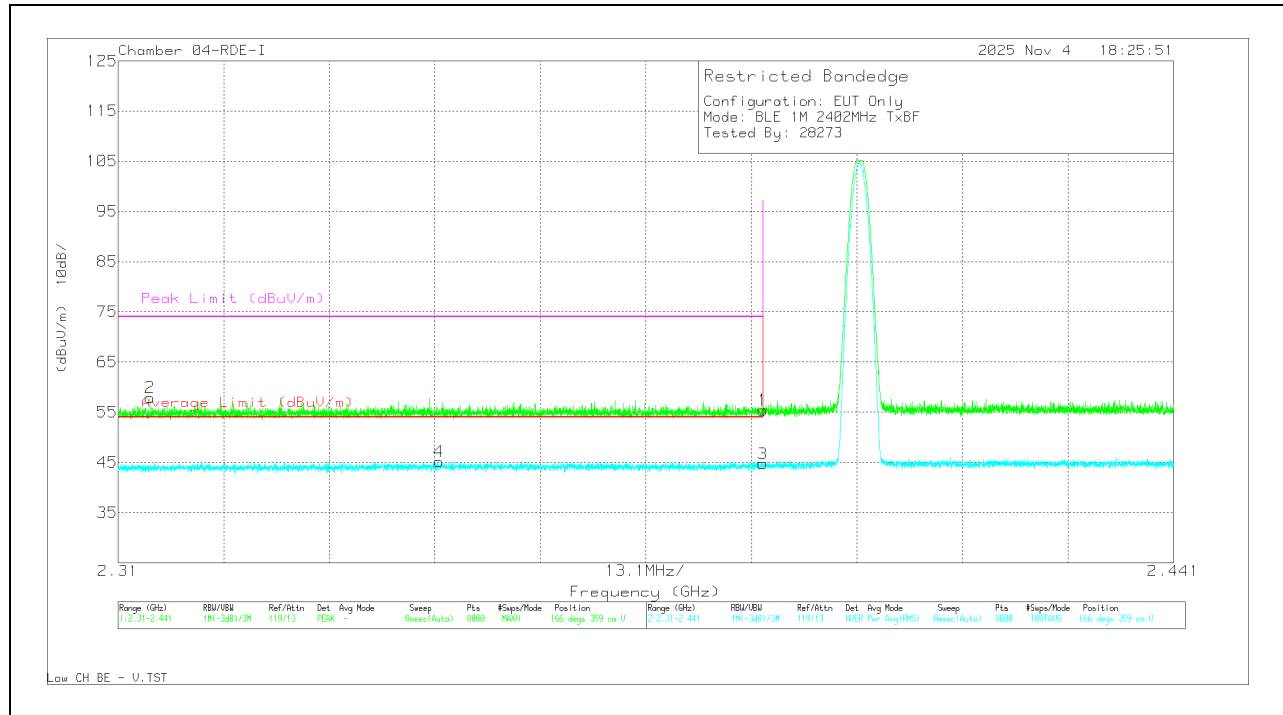


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.01	Pk	31.8	-19.9	0	55.91	-	-	74	-18.09	240	161	H
2	* 2.3345	45.26	Pk	31.6	-19.7	0	57.16	-	-	74	-16.84	240	161	H
3	* 2.39	32.19	RMS	31.8	-19.9	0	44.09	54	-9.91	-	-	240	161	H
4	* 2.389117	33.25	RMS	31.8	-19.8	0	45.25	54	-8.75	-	-	240	161	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.49	PK	31.8	-19.9	0	55.39	-	-	74	-18.61	166	359	V
2	* 2.31393	46.12	PK	31.5	-19.7	0	57.92	-	-	74	-16.08	166	359	V
3	* 2.39	32.81	RMS	31.8	-19.9	0	44.71	54	-9.29	-	-	166	359	V
4	* 2.349796	33.16	RMS	31.7	-19.7	0	45.16	54	-8.84	-	-	166	359	V

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

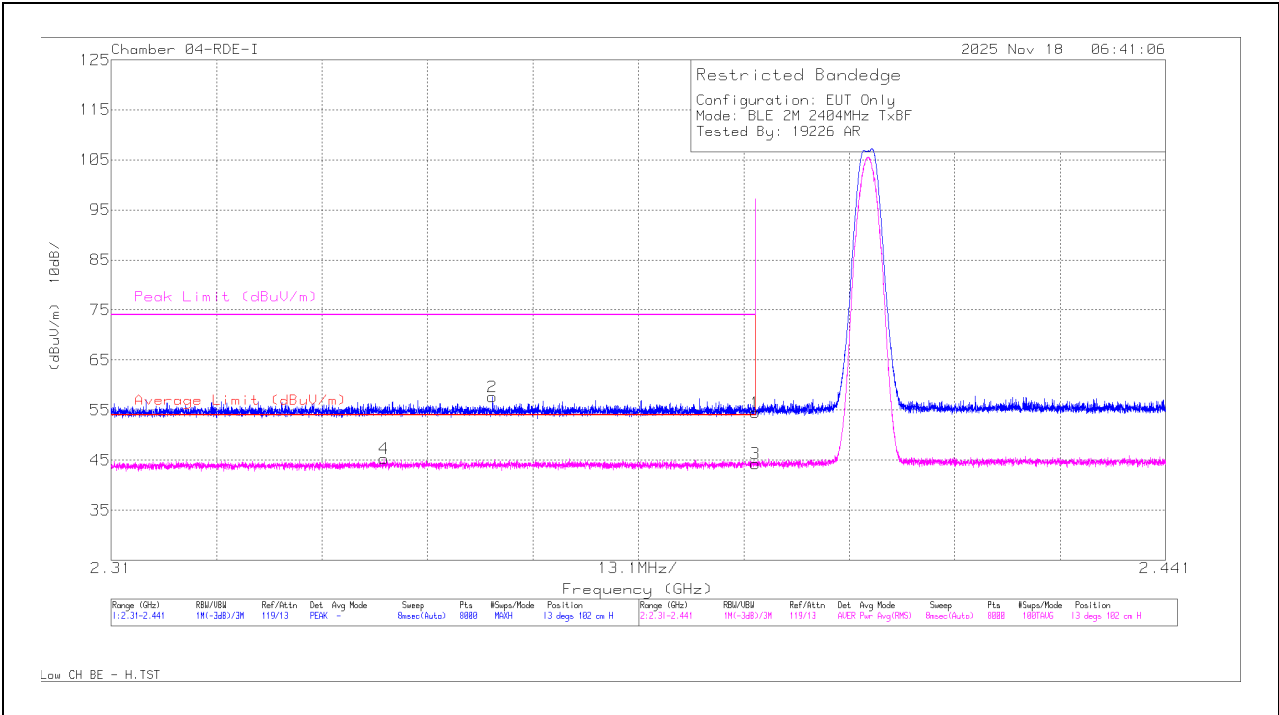
PK - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

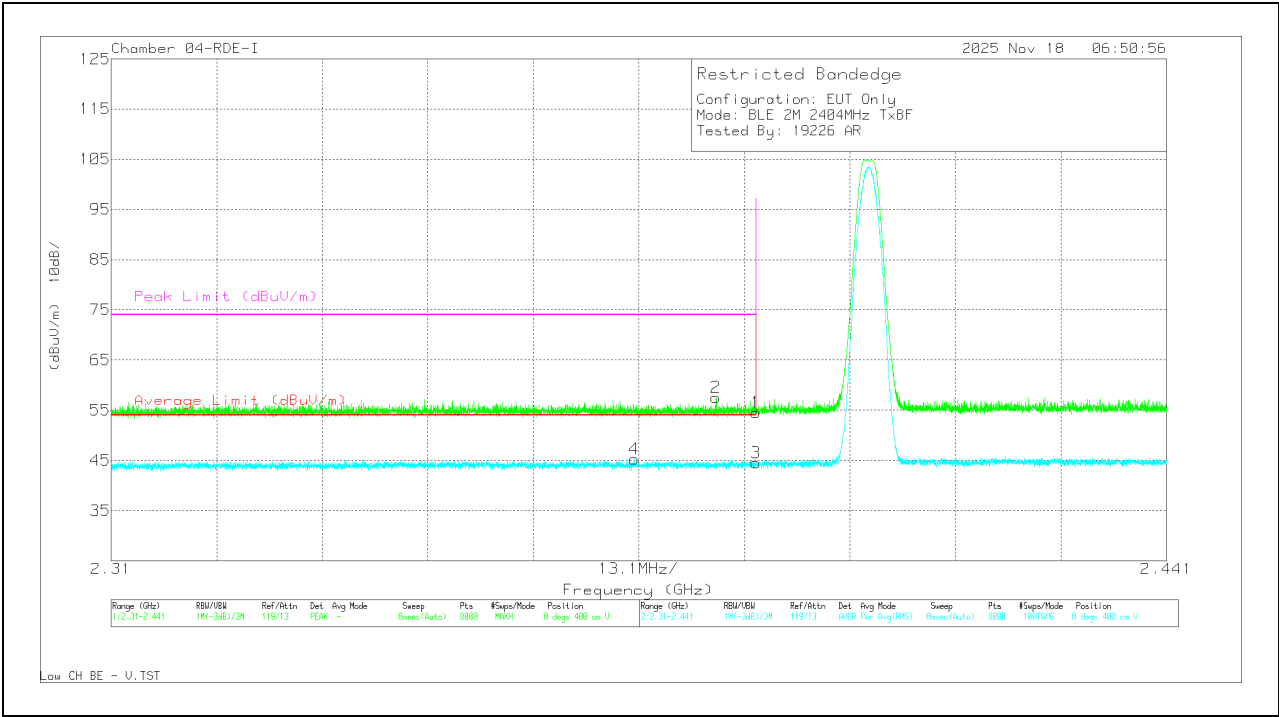


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.58	Pk	31.8	-19.9	0	54.48	-	-	74	-19.52	13	102	H
2	* 2.357395	45.61	Pk	31.7	-19.7	0	57.61	-	-	74	-16.39	13	102	H
3	* 2.39	32.36	RMS	31.8	-19.9	0	44.26	54	-9.74	-	-	13	102	H
4	* 2.343868	33.14	RMS	31.7	-19.6	0	45.24	54	-8.76	-	-	13	102	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.68	Pk	31.8	-19.9	0	54.58	-	-	74	-19.42	8	400	V
2	* 2.385089	45.6	Pk	31.7	-19.8	0	57.5	-	-	74	-16.5	8	400	V
3	* 2.39	32.63	RMS	31.8	-19.9	0	44.53	54	-9.47	-	-	8	400	V
4	* 2.374918	33.35	RMS	31.7	-19.8	0	45.25	54	-8.75	-	-	8	400	V

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

Pk - Peak detector

RMS - RMS detection

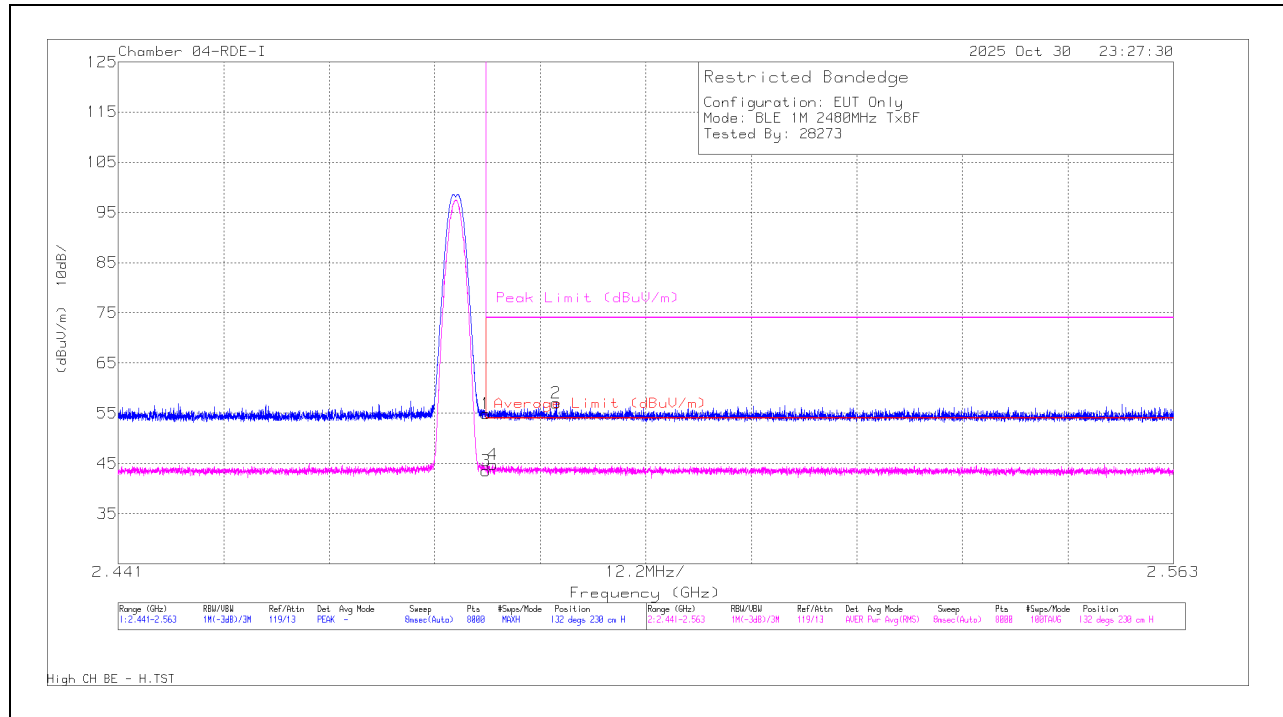
10.1.8. MIMO TXBF MODE – HIGH BANDEDGE – LOW POWER

2.4GHz (MIMO)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2480	4 + 3	* 2.4835	42.9	Pk	32.3	-20.3	0	54.9	-	-	74	-19.1	132	230	H
			* 2.491652	44.99	Pk	32.3	-20.3	0	56.99	-	-	74	-17.01	132	230	H
			* 2.4835	31.49	RMS	32.3	-20.3	0	43.49	54	-10.51	-	-	132	230	H
			* 2.484285	32.76	RMS	32.3	-20.3	0	44.76	54	-9.24	-	-	132	230	H
			* 2.4835	44.17	Pk	32.3	-20.3	0	56.17	-	-	74	-17.83	349	372	V
			2.557113	46.12	Pk	32.4	-20.5	0	58.02	-	-	74	-15.98	349	372	V
			* 2.4835	33.74	RMS	32.3	-20.3	0	45.74	54	-8.26	-	-	349	372	V
			* 2.497402	34.02	RMS	32.3	-20.3	0	46.02	54	-7.98	-	-	349	372	V
LE2M	2478	4 + 3	* 2.4835	42.05	Pk	32.3	-20.3	0	54.05	-	-	74	-19.95	228	265	H
			2.516818	45.23	Pk	32.4	-20.4	0	57.23	-	-	74	-16.77	228	265	H
			* 2.4835	31.36	RMS	32.3	-20.3	0	43.36	54	-10.64	-	-	228	265	H
			* 2.497966	32.76	RMS	32.3	-20.3	0	44.76	54	-9.24	-	-	228	265	H
			* 2.4835	43.6	Pk	32.3	-20.3	0	55.6	-	-	74	-18.4	167	371	V
			2.525039	46.47	Pk	32.4	-20.4	0	58.47	-	-	74	-15.53	167	371	V
			* 2.4835	32.66	RMS	32.3	-20.3	0	44.66	54	-9.34	-	-	167	371	V
			* 2.489074	33.74	RMS	32.3	-20.2	0	45.84	54	-8.16	-	-	167	371	V

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

Pk - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (1Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

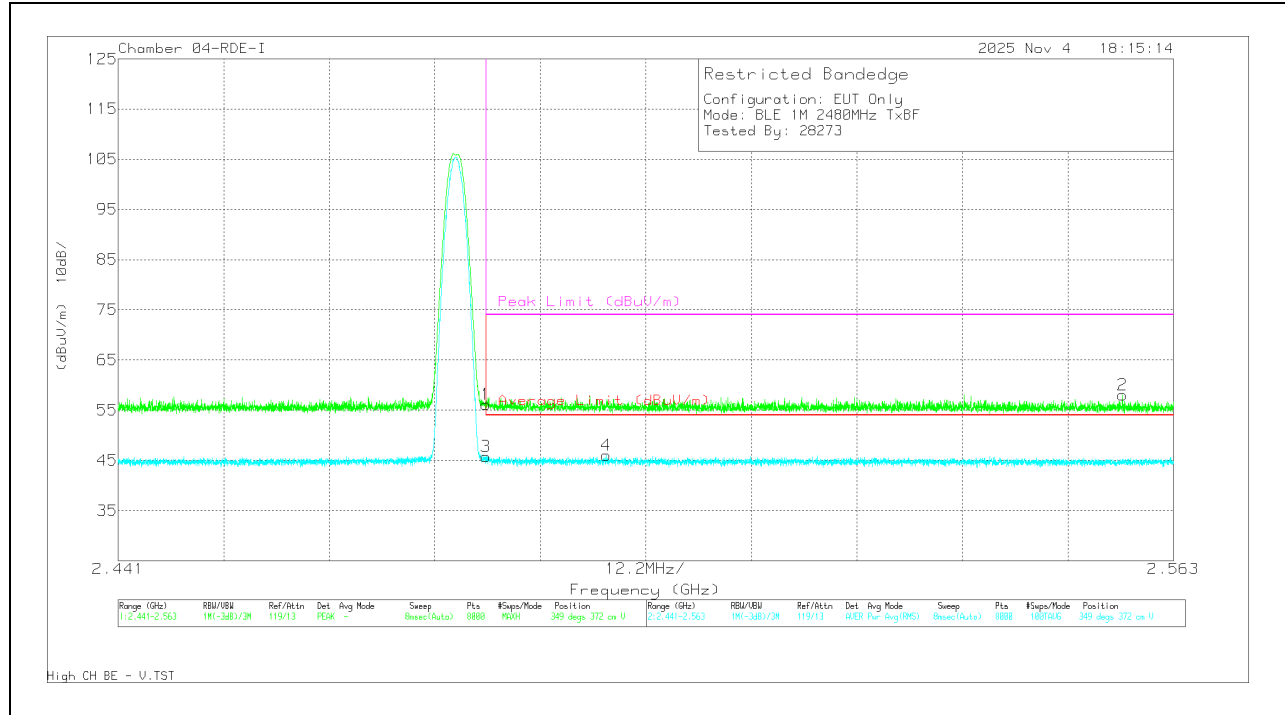
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.9	Pk	32.3	-20.3	0	54.9	-	-	74	-19.1	132	230	H
2	* 2.491652	44.99	Pk	32.3	-20.3	0	56.99	-	-	74	-17.01	132	230	H
3	* 2.4835	31.49	RMS	32.3	-20.3	0	43.49	54	-10.51	-	-	132	230	H
4	* 2.484285	32.76	RMS	32.3	-20.3	0	44.76	54	-9.24	-	-	132	230	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



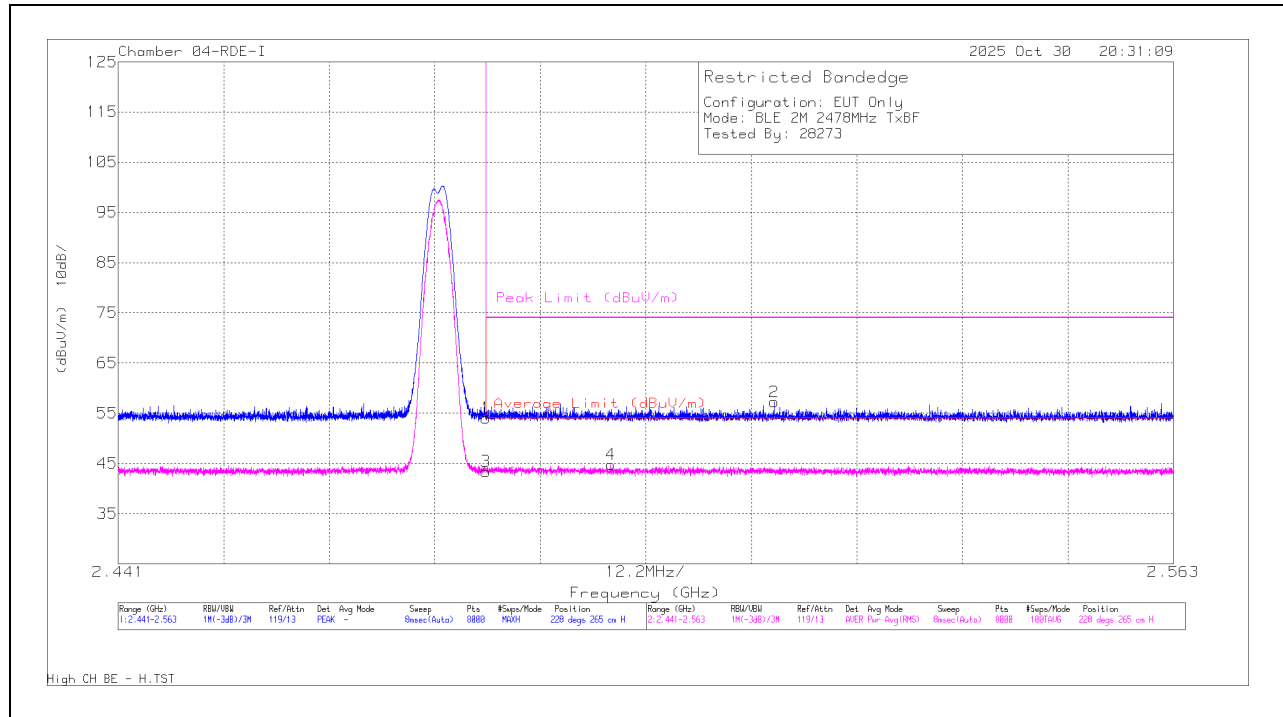
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	44.17	PK	32.3	-20.3	0	56.17	-	-	74	-17.83	349	372	V
2	2.557113	46.12	PK	32.4	-20.5	0	58.02	-	-	74	-15.98	349	372	V
3	* 2.4835	33.74	RMS	32.3	-20.3	0	45.74	54	-8.26	-	-	349	372	V
4	* 2.497402	34.02	RMS	32.3	-20.3	0	46.02	54	-7.98	-	-	349	372	V

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

PK - Peak detector

RMS - RMS detection

TxBF Antenna 4 + 3 (2Mbps)**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT****Trace Markers**

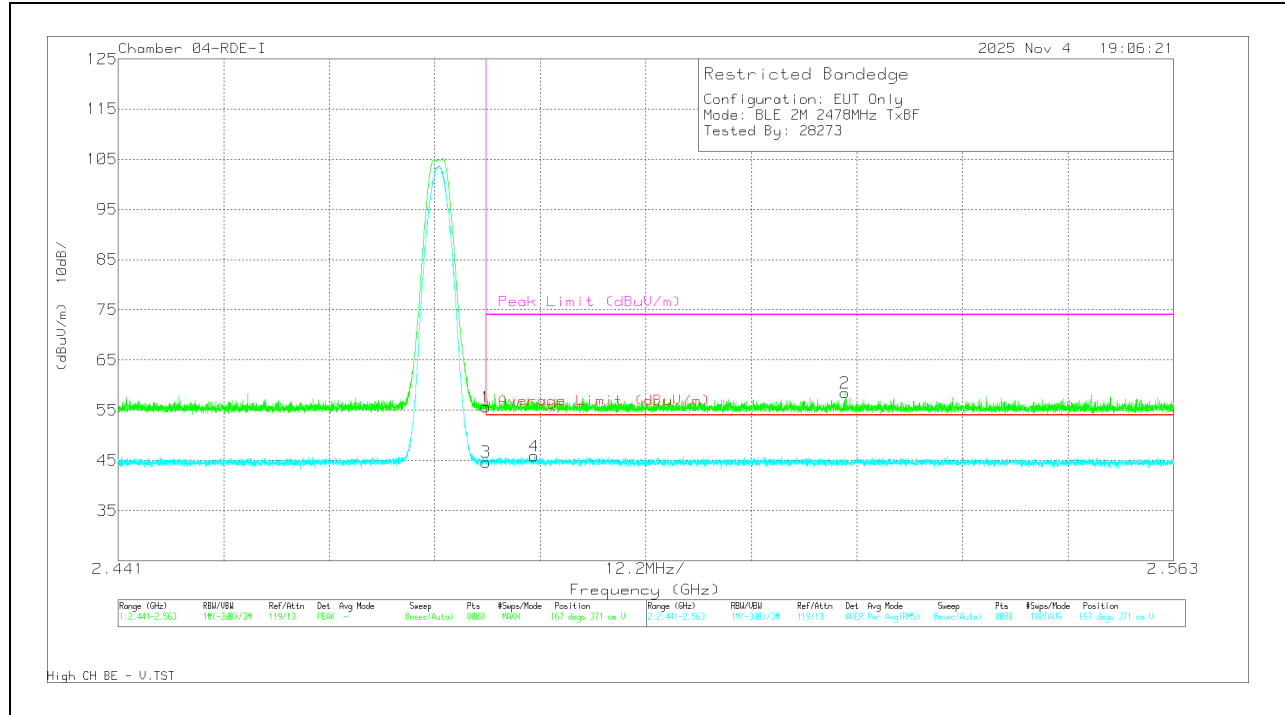
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	42.05	Pk	32.3	-20.3	0	54.05	-	-	74	-19.95	228	265	H
2	2.516818	45.23	Pk	32.4	-20.4	0	57.23	-	-	74	-16.77	228	265	H
3	* 2.4835	31.36	RMS	32.3	-20.3	0	43.36	54	-10.64	-	-	228	265	H
4	* 2.497966	32.76	RMS	32.3	-20.3	0	44.76	54	-9.24	-	-	228	265	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	43.6	PK	32.3	-20.3	0	55.6	-	-	74	-18.4	167	371	V
2	2.525039	46.47	PK	32.4	-20.4	0	58.47	-	-	74	-15.53	167	371	V
3	* 2.4835	32.66	RMS	32.3	-20.3	0	44.66	54	-9.34	-	-	167	371	V
4	* 2.489074	33.74	RMS	32.3	-20.2	0	45.84	54	-8.16	-	-	167	371	V

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

PK - Peak detector

RMS - RMS detection

10.1.9. MIMO TXBF MODE – SPURIOUS EMISSIONS – HIGH POWER

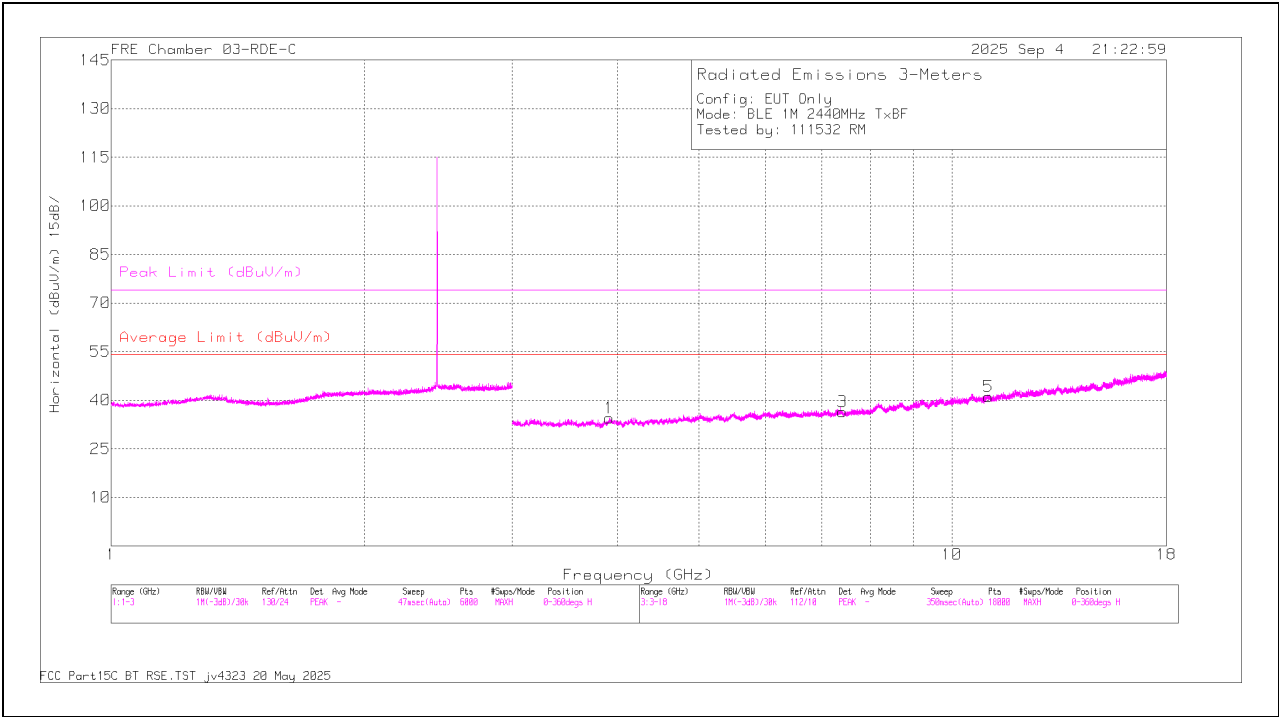
2.4 GHz (MIMO TXBF)	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	DCCF (dB)	Correct Reading (dBuV/m)	Avg Limit (dBuV/m)	Avg Margin (dB)	Pk Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
LE1M	2402	4 + 3	* 3.67036	56.7	PK2	32.9	-45.57	0	44.03	-	-	74	-29.97	2	101	H
			* 3.670548	44.54	MAV1	32.9	-45.57	0	31.87	54	-22.13	-	-	2	101	H
			* 3.666571	44.35	MAV1	32.9	-45.53	0	31.72	54	-22.28	-	-	2	101	V
			* 3.667697	56.28	PK2	32.9	-45.54	0	43.64	-	-	74	-30.36	2	101	V
			* 7.265711	55.94	PK2	35.5	-45.49	0	45.95	-	-	74	-28.05	2	198	H
			* 7.266753	44.55	MAV1	35.5	-45.48	0	34.57	54	-19.43	-	-	2	198	H
			* 7.270784	44.78	MAV1	35.5	-45.45	0	34.83	54	-19.17	-	-	2	101	V
			* 7.271584	56.43	PK2	35.5	-45.43	0	46.5	-	-	74	-27.5	2	101	V
			10.513769	45.32	MAV1	37.7	-43.32	0	39.7	54	-14.3	-	-	2	198	H
			10.513989	56.93	PK2	37.7	-43.31	0	51.32	-	-	74	-22.68	2	198	H
			10.516988	45.12	MAV1	37.7	-43.33	0	39.49	54	-14.51	-	-	2	199	V
			10.519871	56.6	PK2	37.7	-43.31	0	50.99	-	-	74	-23.01	2	199	V
	2440	4 + 3	* 3.908509	56.67	PK2	33.2	-45.67	0	44.2	-	-	74	-29.8	0	101	H
			* 3.908939	44.71	MAV1	33.2	-45.67	0	32.24	54	-21.76	-	-	0	101	H
			* 3.91286	56.93	PK2	33.3	-45.7	0	44.53	-	-	74	-29.47	0	101	V
			* 3.913144	44.74	MAV1	33.3	-45.7	0	32.34	54	-21.66	-	-	0	101	V
			* 7.409368	44.77	MAV1	35.5	-45.52	0	34.75	54	-19.25	-	-	0	198	H
			* 7.409455	56.02	PK2	35.5	-45.52	0	46	-	-	74	-28	0	198	H
			* 7.406944	56.31	PK2	35.5	-45.47	0	46.34	-	-	74	-27.66	0	101	V
			* 7.408555	44.95	MAV1	35.5	-45.51	0	34.94	54	-19.06	-	-	0	101	V
			* 11.049443	44.31	MAV1	37.9	-42.72	0	39.49	54	-14.51	-	-	0	198	H
			* 11.049807	55.6	PK2	37.9	-42.73	0	50.77	-	-	74	-23.23	0	198	H
			* 11.056195	44.23	MAV1	37.9	-42.6	0	39.53	54	-14.47	-	-	0	199	V
			* 11.056239	56.04	PK2	37.9	-42.6	0	51.34	-	-	74	-22.66	0	199	V
	2480	4 + 3	* 3.692194	56.57	PK2	32.9	-45.56	0	43.91	-	-	74	-30.09	0	198	H
			* 3.695011	44.29	MAV1	32.9	-45.61	0	31.58	54	-22.42	-	-	0	198	H
			* 3.696584	44.35	MAV1	32.9	-45.6	0	31.65	54	-22.35	-	-	0	198	V
			* 3.698224	55.61	PK2	32.9	-45.59	0	42.92	-	-	74	-31.08	0	198	V
			* 7.367584	44.75	MAV1	35.5	-45.13	0	35.12	54	-18.88	-	-	0	198	H
			* 7.368871	56.66	PK2	35.5	-45.11	0	47.05	-	-	74	-26.95	0	198	H
			* 7.372097	44.7	MAV1	35.5	-45.11	0	35.09	54	-18.91	-	-	0	198	V
			* 7.37357	56.31	PK2	35.5	-45.12	0	46.69	-	-	74	-27.31	0	198	V
			* 11.092677	44.25	MAV1	38	-42.66	0	39.59	54	-14.41	-	-	0	101	H
			* 11.093313	55.71	PK2	38	-42.67	0	51.04	-	-	74	-22.96	0	101	H
			* 11.086431	44.42	MAV1	37.9	-42.43	0	39.89	54	-14.11	-	-	0	198	V
			* 11.089793	55.67	PK2	37.9	-42.51	0	51.06	-	-	74	-22.94	0	198	V
LE2M	2404	4 + 3	* 3.851646	43.47	MAV1	33.1	-45.18	0	31.39	54	-22.61	-	-	0	199	H
			* 3.854146	54.57	PK2	33.1	-45.17	0	42.5	-	-	74	-31.5	0	199	H
			* 3.855005	43.45	MAV1	33.1	-45.16	0	31.39	54	-22.61	-	-	0	199	V
			* 3.855022	54.94	PK2	33.1	-45.16	0	42.88	-	-	74	-31.12	0	199	V
			* 7.400524	56.19	PK2	35.5	-45.37	0	46.32	-	-	74	-27.68	0	101	H
			* 7.401503	44.65	MAV1	35.5	-45.38	0	34.77	54	-19.23	-	-	0	101	H
			* 7.392844	56.42	PK2	35.5	-45.32	0	46.6	-	-	74	-27.4	0	199	V
			* 7.394482	44.73	MAV1	35.5	-45.34	0	34.89	54	-19.11	-	-	0	199	V
			* 11.443469	43.75	MAV1	38.2	-42.15	0	39.8	54	-14.2	-	-	0	101	H
			* 11.444841	55.42	PK2	38.2	-42.12	0	51.5	-	-	74	-22.5	0	101	H
			* 11.442195	55.8	PK2	38.2	-42.2	0	51.8	-	-	74	-22.2	0	199	V
			* 11.443374	43.96	MAV1	38.2	-42.15	0	40.01	54	-13.99	-	-	0	199	V
	2440	4 + 3	* 4.880391	45.15	MAV1	34.4	-47.22	0	32.33	54	-21.67	-	-	12	263	H
			* 4.878819	56.88	PK2	34.4	-47.2	0	44.08	-	-	74	-29.92	12	263	H
			* 4.877434	45.55	MAV1	34.4	-47.17	0	32.78	54	-21.22	-	-	114	374	V
			* 4.879525	57.24	PK2	34.4	-47.21	0	44.43	-	-	74	-29.57	114	374	V
			* 7.320291	44.36	MAV1	35.5	-44.94	0	34.92	54	-19.08	-	-	272	298	H
			* 7.320871	56	PK2	35.5	-44.94	0	46.56	-	-	74	-27.44	272	298	H
			* 7.317254	44.25	MAV1	35.5	-44.93	0	34.82	54	-19.18	-	-	138	224	V
			* 7.319741	56.08	PK2	35.5	-44.94	0	46.64	-	-	74	-27.36	138	224	V
			9.757721	56.63	PK2	37.1	-43.93	0	49.8	-	-	-	-	202	183	H
			9.758245	45.4	MAV1	37.1	-43.93	0	38.57	-	-	-	-	202	183	H
			9.758738	45.52	MAV1	37.1	-43.92	0	38.7	-	-	-	-	37	374	V
			9.76194	57.36	PK2	37.1	-43.89	0	50.57	-	-	-	-	37	374	V
	2478	4 + 3	* 4.956963	44.8	MAV1	34.4	-47.07	0	32.13	54	-21.87	-	-	353	133	H
			* 4.958514	56.65	PK2	34.4	-47.07	0	43.98	-	-	74	-30.02	353	133	H
			* 4.954412	45.12	MAV1	34.4	-47.07	0	32.45	54	-21.55	-	-	34	219	V
			* 4.95447	56.59	PK2	34.4	-47.07	0	43.92	-	-	74	-30.08	34	219	V
			* 7.436913	44.38	MAV1	35.6	-45.57	0	34.41	54	-19.59	-	-	214	243	H
			* 7.43494	55.77	PK2	35.6	-45.56	0	45.81	-	-	74	-28.19	214	243	H
			* 7.433473	56.17	PK2	35.5	-45.56	0	46.11	-	-	74	-27.89	65	247	V
			* 7.435255	44.39	MAV1	35.6	-45.57	0	34.42	54	-19.58	-	-	65	247	V
			9.909278	45.41	MAV1	37.3	-44.84	0	37.87	-	-	-	-	28	372	H
			9.910994	56.92	PK2	37.3	-44.84	0	49.38	-	-	-	-	28	372	H
			9.909998	57.04	PK2	37.3	-44.84	0	49.5	-	-	-	-	40	337	V
			9.910626	45.03	MAV1	37.3	-44.84	0	37.49	-	-	-	-	40	337	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average

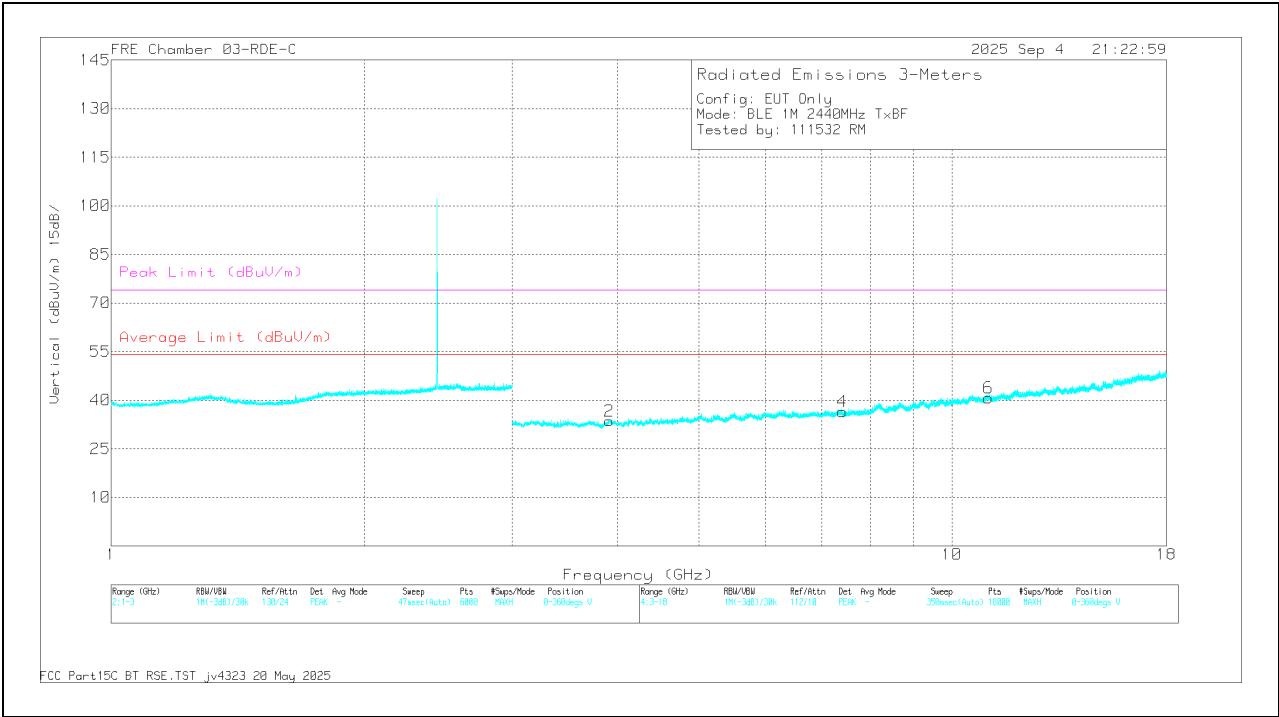
LE1M TXBF MODE - HIGH POWER

SPURIOUS HARMONIC (MID CHANNEL)

HORIZONTAL RESULT



VERTICAL RESULT



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 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	* 3.908509	56.67	PK2	33.2	0	-45.67	44.2	-	-	74	-29.8	0	101	H
	* 3.908939	44.71	MAv1	33.2	0	-45.67	32.24	54	-21.76	-	-	0	101	H
2	* 3.91286	56.93	PK2	33.3	0	-45.7	44.53	-	-	74	-29.47	0	101	V
	* 3.913144	44.74	MAv1	33.3	0	-45.7	32.34	54	-21.66	-	-	0	101	V
3	* 7.409368	44.77	MAv1	35.5	0	-45.52	34.75	54	-19.25	-	-	0	198	H
	* 7.409455	56.02	PK2	35.5	0	-45.52	46	-	-	74	-28	0	198	H
4	* 7.406944	56.31	PK2	35.5	0	-45.47	46.34	-	-	74	-27.66	0	101	V
	* 7.408555	44.95	MAv1	35.5	0	-45.51	34.94	54	-19.06	-	-	0	101	V
5	* 11.049443	44.31	MAv1	37.9	0	-42.72	39.49	54	-14.51	-	-	0	198	H
	* 11.049807	55.6	PK2	37.9	0	-42.73	50.77	-	-	74	-23.23	0	198	H
6	* 11.056195	44.23	MAv1	37.9	0	-42.6	39.53	54	-14.47	-	-	0	199	V
	* 11.056239	56.04	PK2	37.9	0	-42.6	51.34	-	-	74	-22.66	0	199	V

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

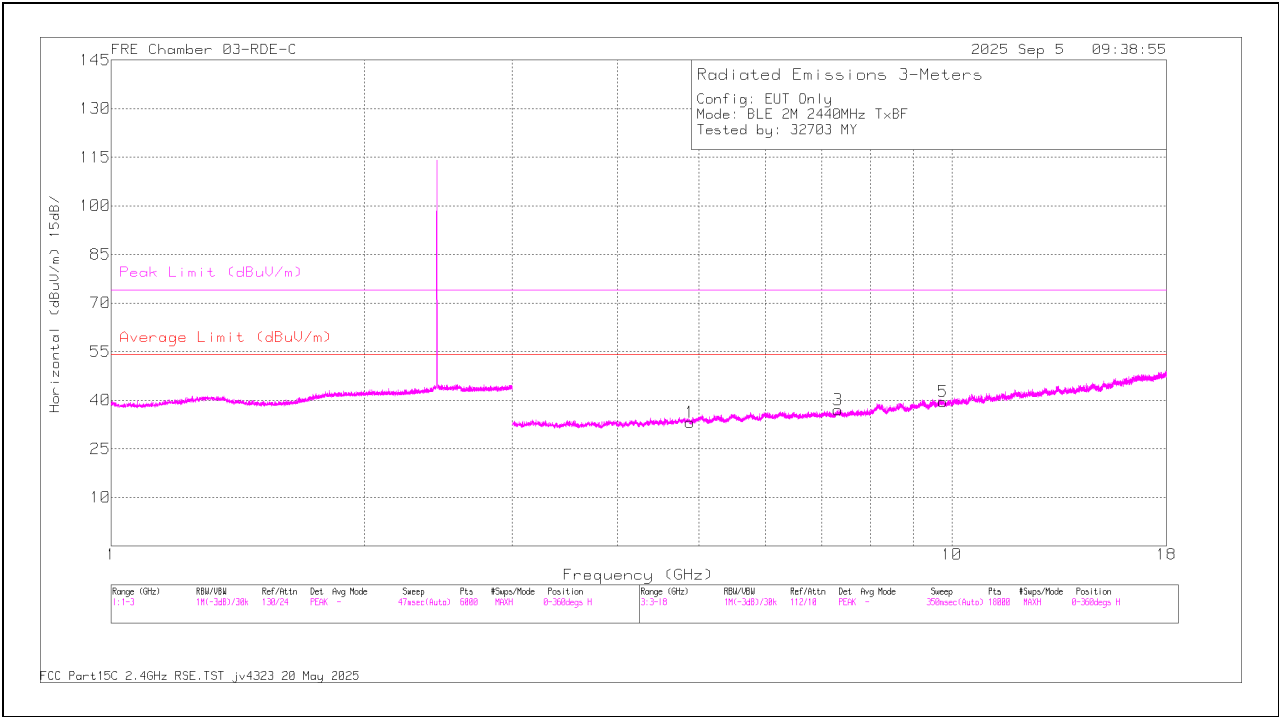
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

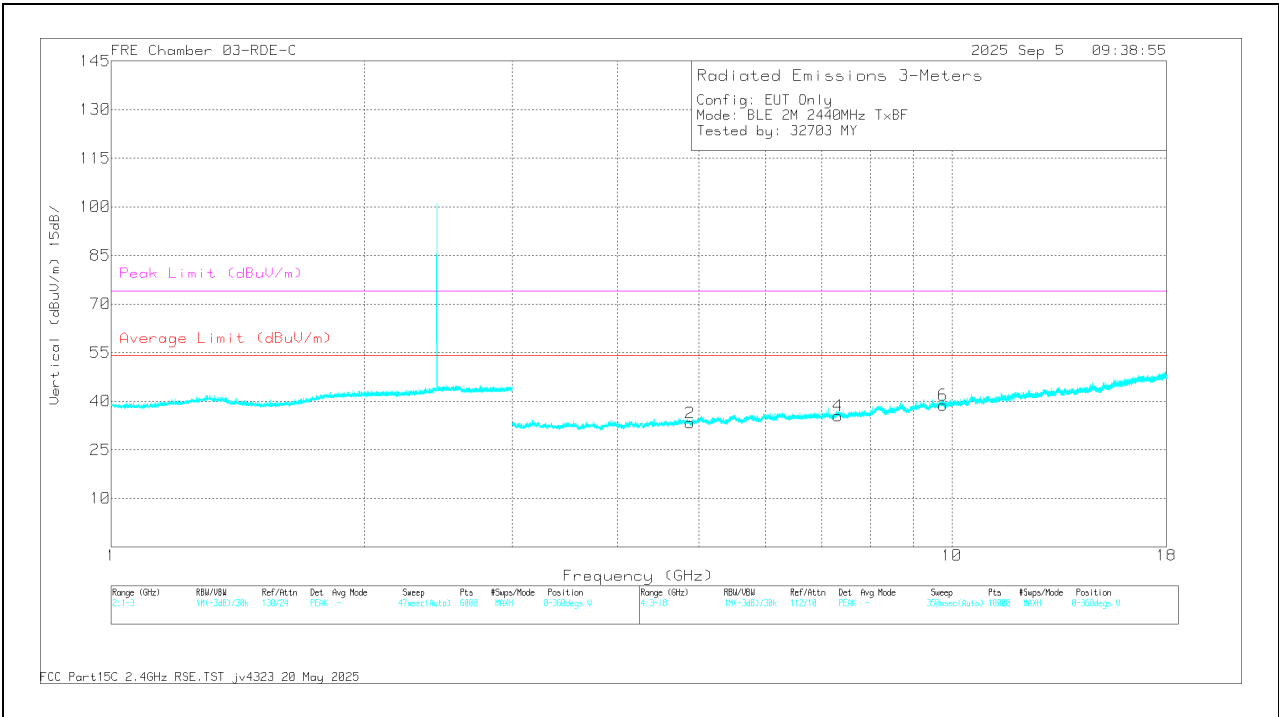
LE2M TXBF MODE - HIGH POWER

SPURIOUS HARMONIC (MID CHANNEL)

HORIZONTAL RESULT



VERTICAL RESULT



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84797 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	* 4.880391	45.15	MAv1	34.4	0	-47.22	32.33	54	-21.67	-	-	12	263	H
	* 4.878819	56.88	PK2	34.4	0	-47.2	44.08	-	-	74	-29.92	12	263	H
2	* 4.877434	45.55	MAv1	34.4	0	-47.17	32.78	54	-21.22	-	-	114	374	V
	* 4.879525	57.24	PK2	34.4	0	-47.21	44.43	-	-	74	-29.57	114	374	V
3	* 7.320291	44.36	MAv1	35.5	0	-44.94	34.92	54	-19.08	-	-	272	298	H
	* 7.320871	56	PK2	35.5	0	-44.94	46.56	-	-	74	-27.44	272	298	H
4	* 7.317254	44.25	MAv1	35.5	0	-44.93	34.82	54	-19.18	-	-	138	224	V
	* 7.319741	56.08	PK2	35.5	0	-44.94	46.64	-	-	-	-	138	224	V
5	9.757721	56.63	PK2	37.1	0	-43.93	49.8	-	-	-	-	202	183	H
	9.758245	45.4	MAv1	37.1	0	-43.93	38.57	-	-	-	-	202	183	H
6	9.758738	45.52	MAv1	37.1	0	-43.92	38.7	-	-	-	-	37	374	V
	9.76194	57.36	PK2	37.1	0	-43.89	50.57	-	-	-	-	37	374	V

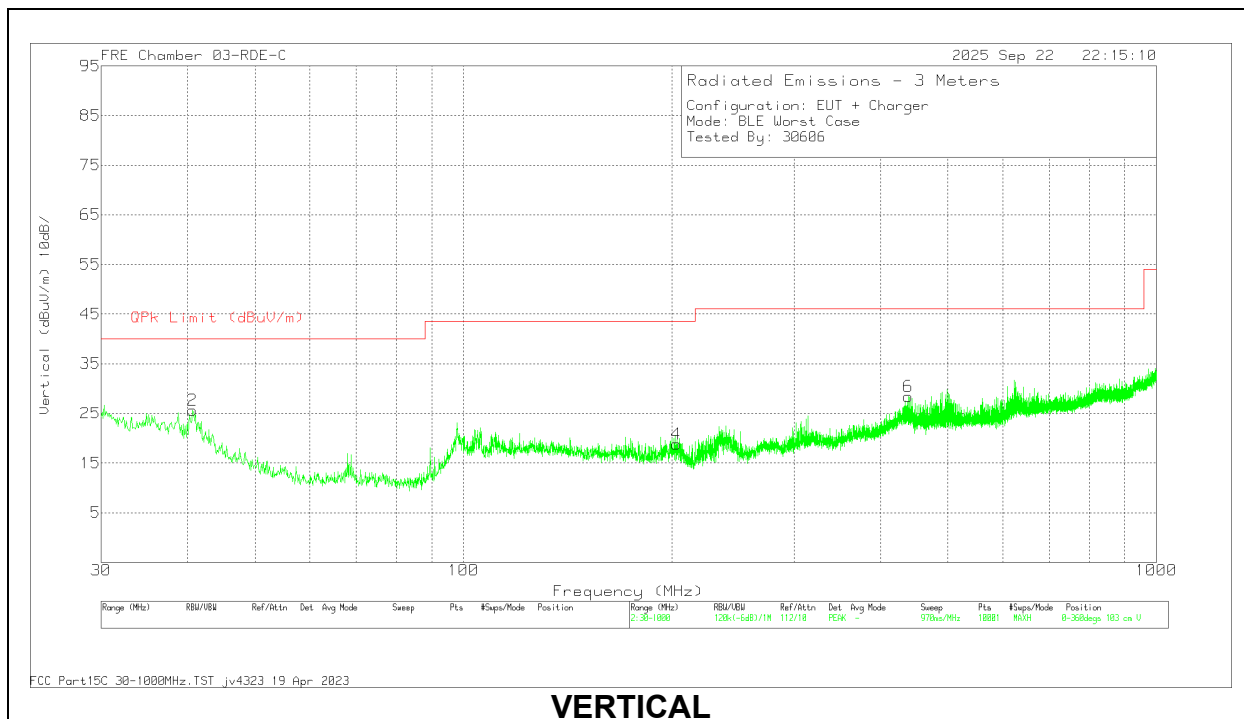
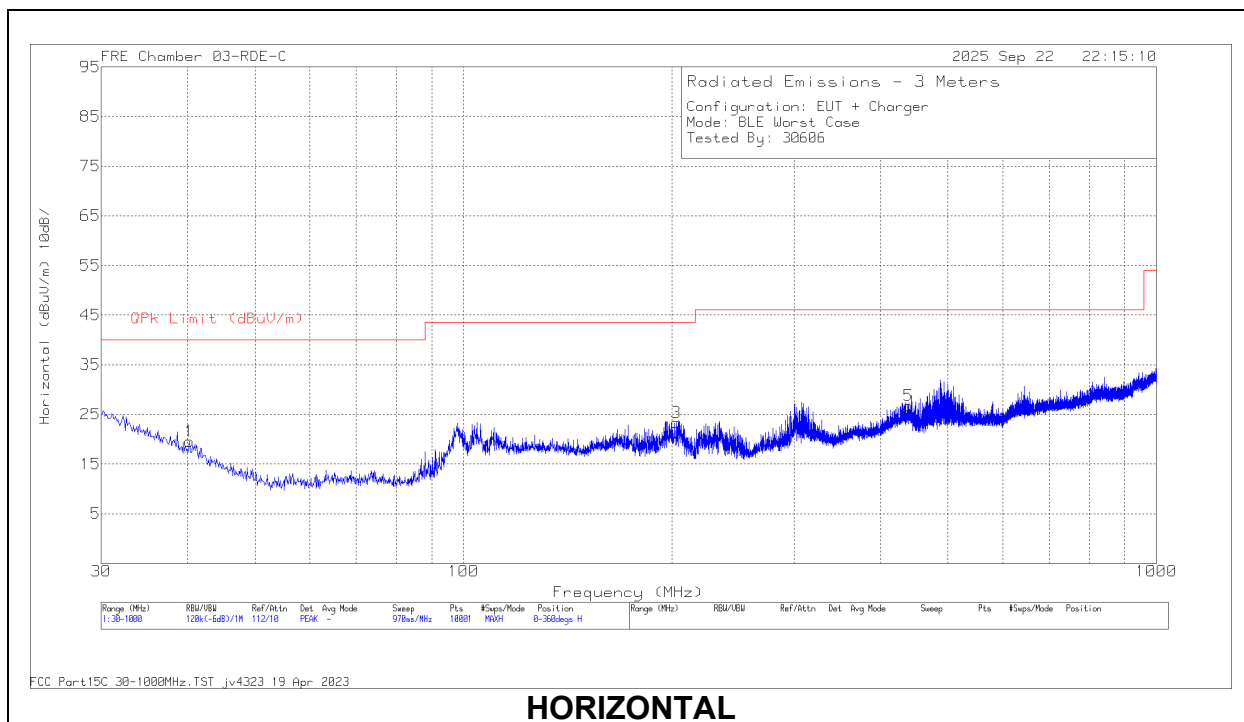
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



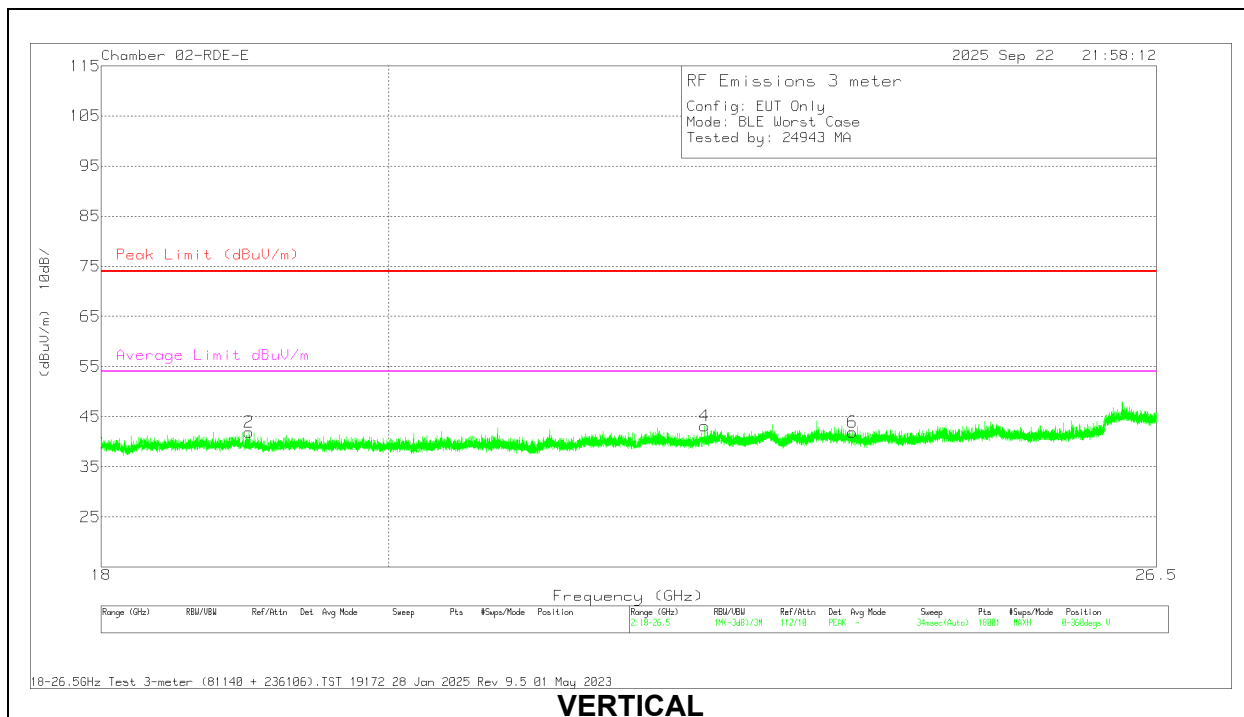
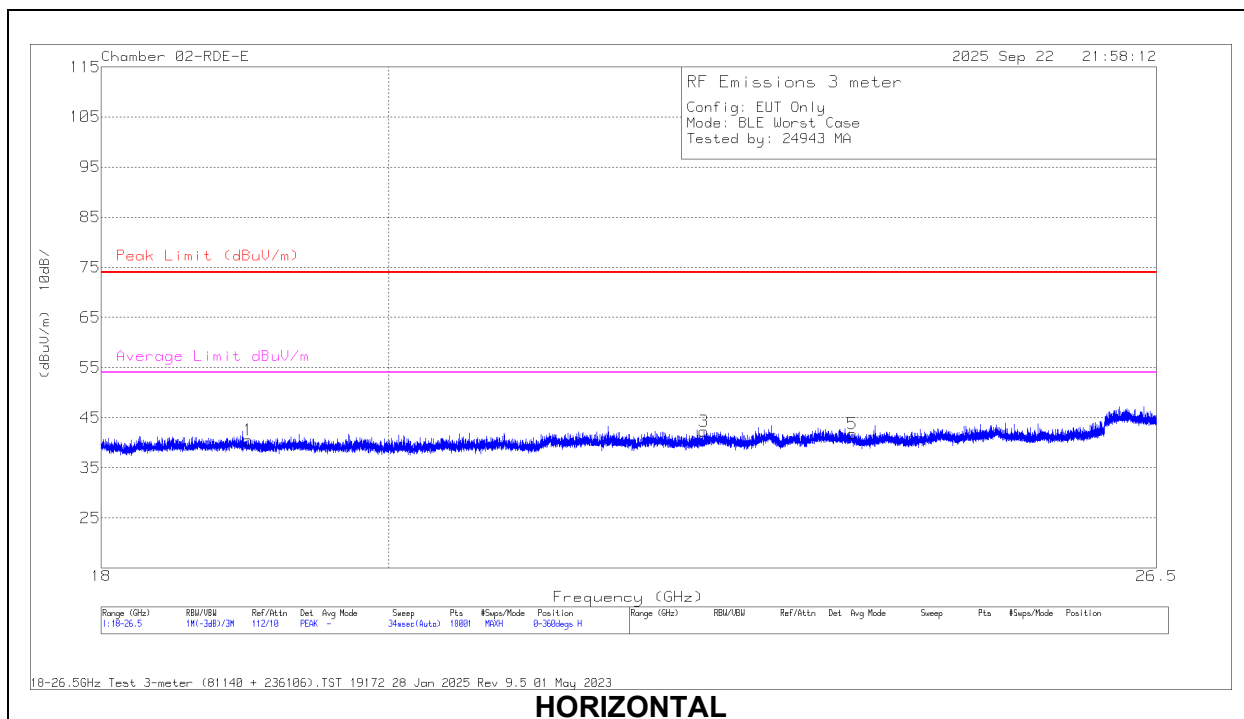
Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	232075 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.9929	22.63	Qp	19.9	-31.5	11.03	40	-28.97	0	197	H
2	40.8929	32.2	Qp	19.3	-31.5	20	40	-20	0	104	V
3	202.978	25.15	Qp	17.5	-30.1	12.55	43.52	-30.97	0	106	H
4	202.964	24.4	Qp	17.5	-30.1	11.8	43.52	-31.72	0	197	V
5	438.657	22.63	Qp	22.6	-28.9	16.33	46.02	-29.69	0	298	H
6	438.517	20.54	Qp	22.6	-28.9	14.24	46.02	-31.78	0	105	V

Qp - Quasi-Peak detector

10.3. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81140 ACF (dB/m)	Coupler (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.998046	40.85	MAv1	32.3	-62.6	20.5	31.05	-	-	54	-22.95	360	101	H
	* 18.9997	52.37	PK2	32.3	-62.6	20.5	42.57	74	-31.43	-	-	360	101	H
2	* 18.999818	40.71	MAv1	32.3	-62.6	20.5	30.91	-	-	54	-23.09	360	200	V
	* 19.000691	52.13	PK2	32.3	-62.6	20.5	42.33	74	-31.67	-	-	360	200	V
3	* 22.448383	38.38	MAv1	33.1	-62.5	22.5	31.48	-	-	54	-22.52	360	200	H
	* 22.449961	49.76	PK2	33.1	-62.5	22.5	42.86	74	-31.14	-	-	360	200	H
4	* 22.456939	49.98	PK2	33.1	-62.4	22.5	43.18	74	-30.82	-	-	360	200	V
	* 22.457148	38.42	MAv1	33.1	-62.4	22.5	31.62	-	-	54	-22.38	360	200	V
5	* 23.704582	38.83	MAv1	33.5	-63.1	23.2	32.43	-	-	54	-21.57	360	200	H
	* 23.706743	50.18	PK2	33.5	-63.1	23.2	43.78	74	-30.22	-	-	360	200	H
6	* 23.706791	50.27	PK2	33.5	-63.1	23.2	43.87	74	-30.13	-	-	360	101	V
	* 23.704314	38.79	MAv1	33.5	-63.1	23.2	32.39	-	-	54	-21.61	360	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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.

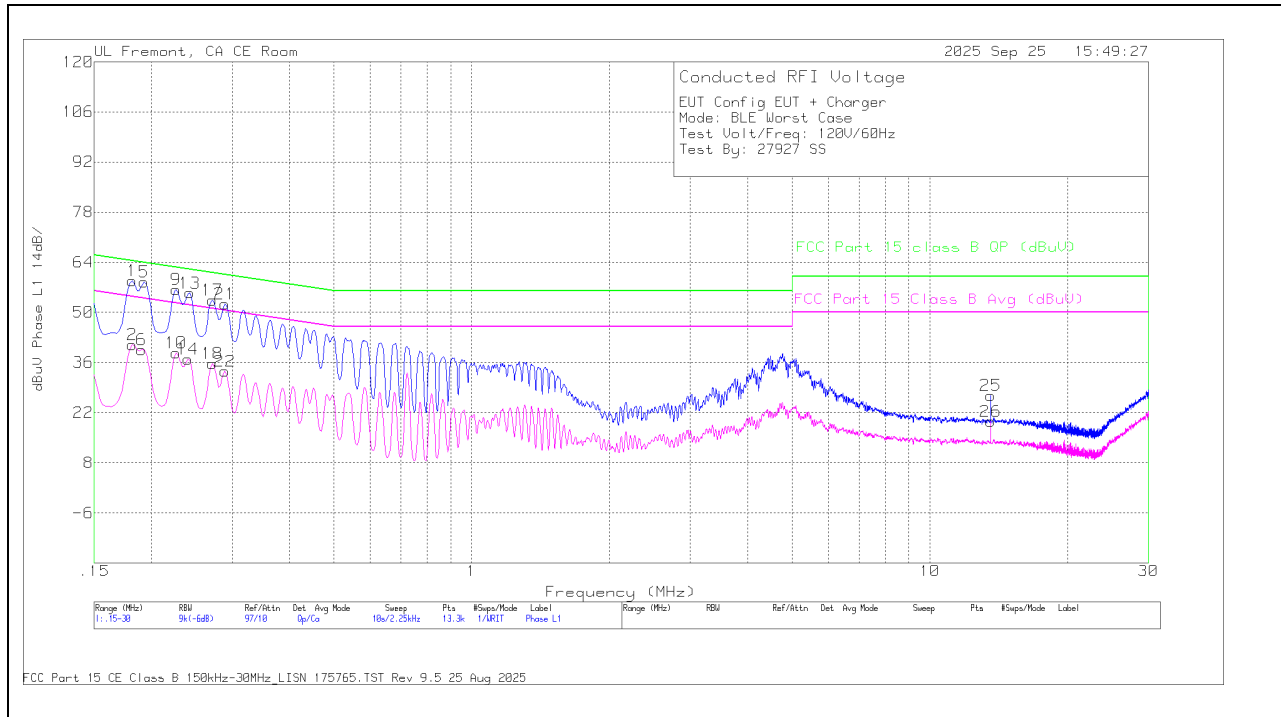
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

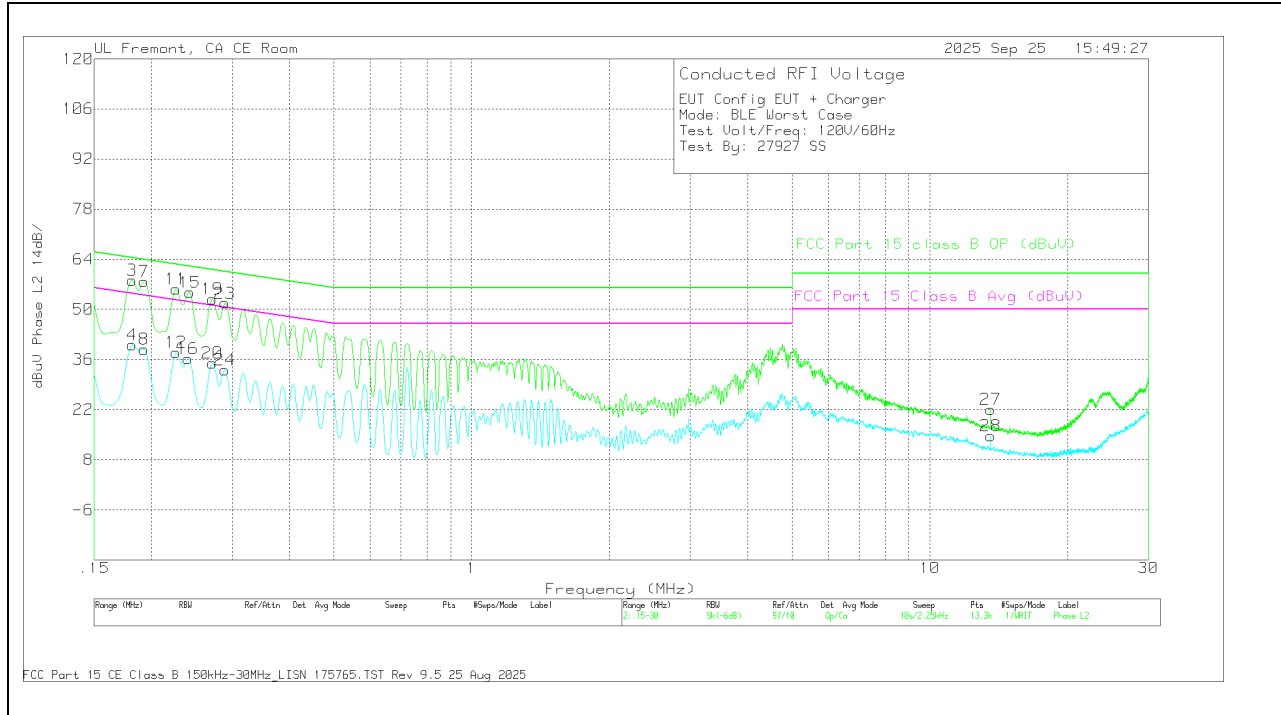


Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL (dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1815	22.58	Ca	-.1	.1	8.4	10	40.98	54.42	-13.44	-	-
6	.1905	21.06	Ca	0	.1	8.4	10	39.56	54.01	-14.45	-	-
10	.2265	20.34	Ca	.1	0	8.3	10	38.74	52.58	-13.84	-	-
14	.24	18.59	Ca	.1	0	8.2	10	36.89	52.1	-15.21	-	-
18	.2715	17.47	Ca	.1	0	8.1	10	35.67	51.07	-15.4	-	-
22	.2895	15.34	Ca	.2	0	8	10	33.54	50.54	-17	-	-
26	.13.56	.92	Ca	.3	.1	8.2	10	19.52	50	-30.48	-	-
1	.1815	40.41	Qp	-.1	.1	8.4	10	58.81	-	-	64.42	-5.61
5	.1928	39.94	Qp	0	.1	8.4	10	58.44	-	-	63.92	-5.48
9	.2265	38.02	Qp	.1	0	8.3	10	56.42	-	-	62.58	-6.16
13	.2423	37.13	Qp	.1	0	8.2	10	55.43	-	-	62.02	-6.59
17	.2715	35.29	Qp	.1	0	8.1	10	53.49	-	-	61.07	-7.58
21	.2895	34.11	Qp	.2	0	8	10	52.31	-	-	60.54	-8.23
25	.13.56	8.2	Qp	.3	.1	8.2	10	26.8	-	-	60	-33.2

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS

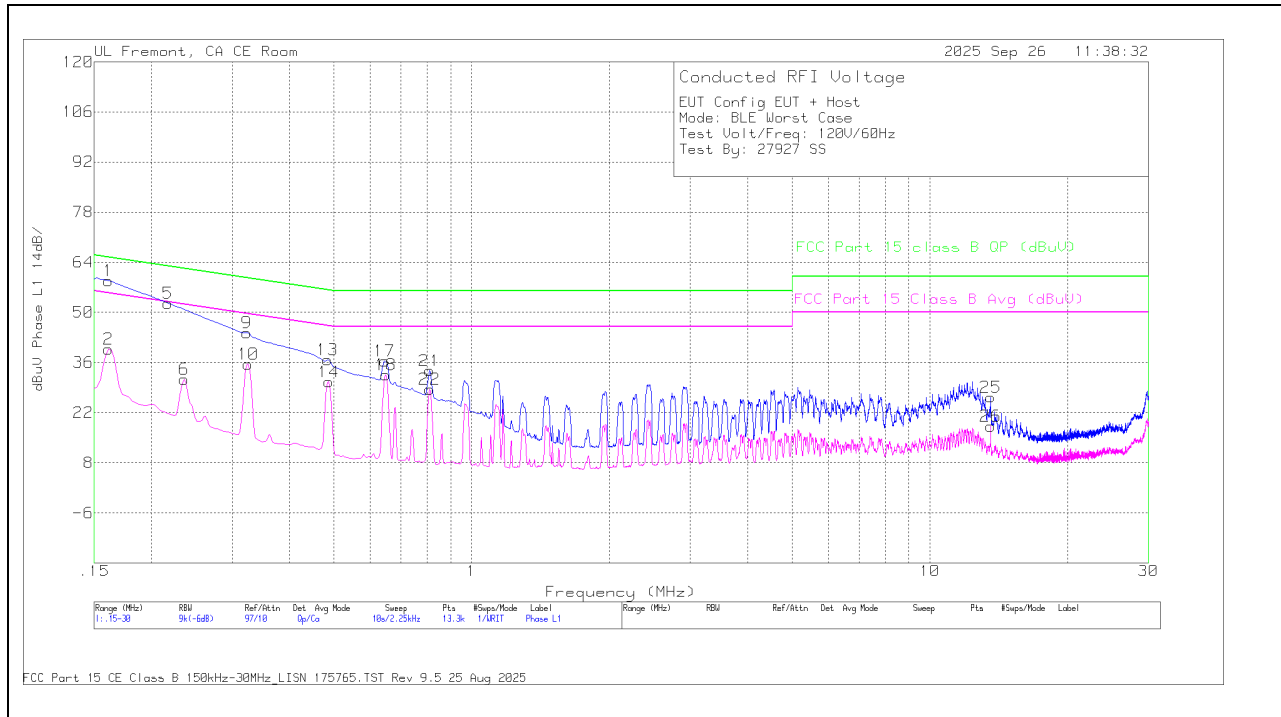


Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL (dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
4	.1815	21.83	Ca	-.1	0	8.4	10	40.13	54.42	-14.29	-	-
8	.1928	20.41	Ca	0	0	8.4	10	38.81	53.92	-15.11	-	-
12	.2265	19.58	Ca	.1	0	8.3	10	37.98	52.58	-14.6	-	-
16	.24	17.88	Ca	.1	0	8.2	10	36.18	52.1	-15.92	-	-
20	.2715	16.82	Ca	.1	0	8.1	10	35.02	51.07	-16.05	-	-
24	.2895	14.87	Ca	.2	0	8	10	33.07	50.54	-17.47	-	-
28	13.56	-3.92	Ca	.3	.1	8.2	10	14.68	50	-35.32	-	-
3	.1815	39.83	Qp	-.1	0	8.4	10	58.13	-	-	64.42	-6.29
7	.1928	39.41	Qp	0	0	8.4	10	57.81	-	-	63.92	-6.11
11	.2265	37.33	Qp	.1	0	8.3	10	55.73	-	-	62.58	-6.85
15	.2423	36.44	Qp	.1	0	8.2	10	54.74	-	-	62.02	-7.28
19	.2715	34.67	Qp	.1	0	8.1	10	52.87	-	-	61.07	-8.2
23	.2895	33.55	Qp	.2	0	8	10	51.75	-	-	60.54	-8.79
27	13.56	3.43	Qp	.3	.1	8.2	10	22.03	-	-	60	-37.97

Qp - Quasi-Peak detector
Ca - CISPR average detection

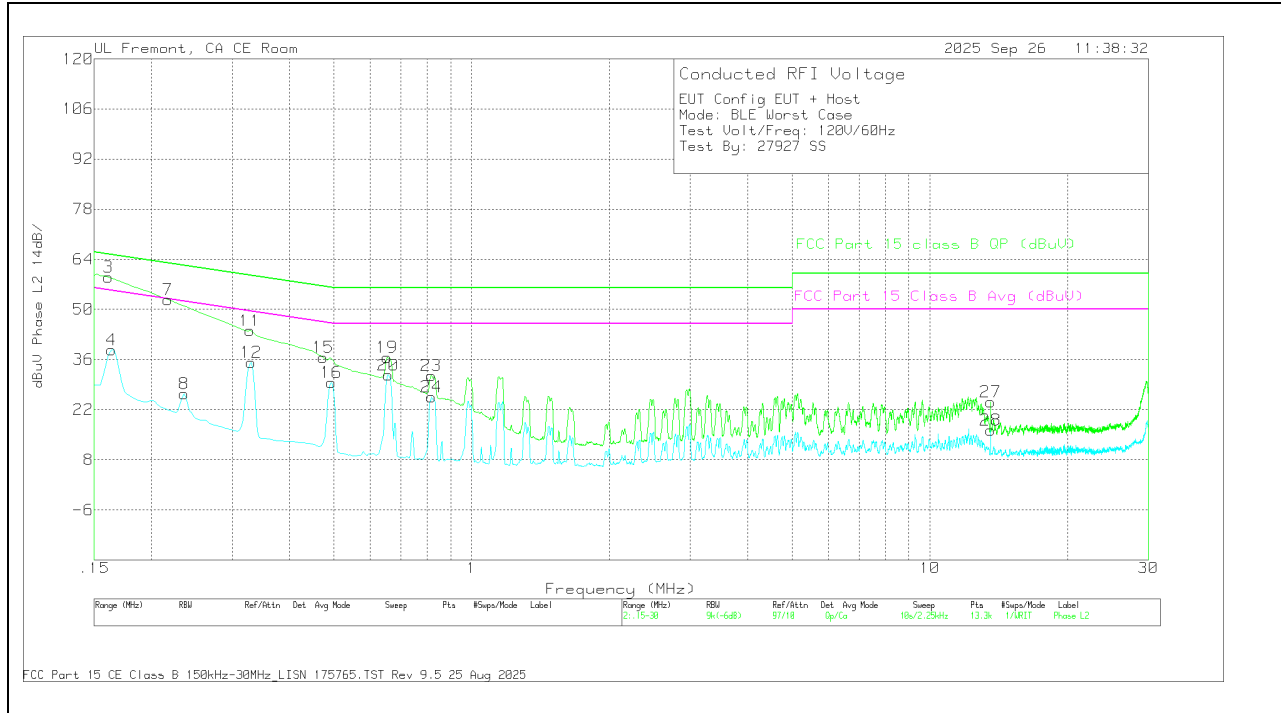
11.2. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL (dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1613	21.39	Ca	-.3	.1	8.5	10	39.69	55.4	-15.71	-	-
6	.2355	12.95	Ca	.1	0	8.3	10	31.35	52.25	-20.9	-	-
10	.3255	17.52	Ca	-.2	0	8.2	10	35.52	49.57	-14.05	-	-
14	.4875	12.35	Ca	0	0	8.2	10	30.55	46.21	-15.66	-	-
18	.6495	14.06	Ca	.1	0	8.4	10	32.56	46	-13.44	-	-
22	.8093	10.29	Ca	.3	0	7.9	10	28.49	46	-17.51	-	-
26	13.56	-45	Ca	.3	.1	8.2	10	18.15	50	-31.85	-	-
1	.1613	40.56	Qp	-.3	.1	8.5	10	58.86	-	-	65.4	-6.54
5	.2175	34.18	Qp	.1	0	8.3	10	52.58	-	-	62.91	-10.33
9	.3233	26.33	Qp	-.2	0	8.2	10	44.33	-	-	59.62	-15.29
13	.4853	18.55	Qp	0	0	8.2	10	36.75	-	-	56.25	-19.5
17	.645	17.92	Qp	.1	0	8.4	10	36.42	-	-	56	-19.58
21	.8093	15.51	Qp	.3	0	7.9	10	33.71	-	-	56	-22.29
25	13.56	7.73	Qp	.3	.1	8.2	10	26.33	-	-	60	-33.67

LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL (dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
4	.1635	20.4	Ca	-.3	.1	8.5	10	38.7	55.28	-16.58	-	-
8	.2355	7.98	Ca	.1	0	8.3	10	26.38	52.25	-25.87	-	-
12	.33	17.26	Ca	-.3	0	8.2	10	35.16	49.45	-14.29	-	-
16	.4943	11.62	Ca	-.1	0	8	10	29.52	46.1	-16.58	-	-
20	.6585	13.11	Ca	.1	0	8.4	10	31.61	46	-14.39	-	-
24	.8183	7.42	Ca	.2	0	7.9	10	25.52	46	-20.48	-	-
28	13.56	-2.27	Ca	.3	.1	8.2	10	16.33	50	-33.67	-	-
3	.1613	40.74	Qp	-.3	.1	8.5	10	59.04	-	-	65.4	-6.36
7	.2175	34.35	Qp	.1	0	8.3	10	52.75	-	-	62.91	-10.16
11	.3278	26.05	Qp	-.2	0	8.2	10	44.05	-	-	59.51	-15.46
15	.474	18.07	Qp	.1	0	8.4	10	36.57	-	-	56.44	-19.87
19	.654	18.12	Qp	.1	0	8.4	10	36.62	-	-	56	-19.38
23	.816	13.44	Qp	.2	0	7.9	10	31.54	-	-	56	-24.46
27	13.56	5.56	Qp	.3	.1	8.2	10	24.16	-	-	60	-35.84

12. SETUP PHOTOS

Please refer to 15941282-EP1V1 for setup photos

13. APPENDIX A – SPOT CHECK EVALUATION

13.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3575, A3634 and A3635.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3575	BCG-E9145A	579C-E9145A		eSIM only	-
A3634	BCG-E9147A	579C-E9147A	No B14/29/71	eSIM + pSIM	A3575
A3635	BCG-E9148A	579C-E9148A	No B14/29/71/53/MSS		

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).

$$d_{dB} = |V_{dB} - R_{dB}| \quad (1)$$

$$d_{dB} \leq d_{dBmax} \quad (2)$$

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

Where d_{dB} is deviation between the variant and the reference model, V_{dB} is variant spot check level, R_{dB} is the corresponding reference measurement level, d_{dBmax} is the maximum deviation d_{dB} allowed, and M_{dB} is the margin in dB.

13.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3634

A3634 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3575	Sub Model: A3634	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9145A IC : 579C-E9145A	FCC ID : BCG-E9147A IC : 579C-E9147A			
DTS / BLE	2.4	LE High Power TxBF	2Mbps	Output Power (dBm)	Mid	2440.00	22.94	22.92	-0.02	-7.06	Note 1
		LE High Power TxBF Avg. Vert	1Mbps	Radiated Bandedge (dBuV/m)	High	* 2.483767	46.59	46.59	0.00	-7.41	Note 1
		LE High Power TxBF Ave. Vert	2Mbps	RSE (dBuV/m)	Low	11.443374	40.01	39.91	-0.10	-13.99	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.

13.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3635

A3635 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3575	Sub Model: A3635	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E9145A IC : 579C-E9145A	FCC ID : BCG-E9148A IC : 579C-E9148A			
DTS / BLE	2.4	LE High Power TxBF	2Mbps	Output Power (dBm)	Mid	2440.00	22.94	22.88	-0.06	-7.06	Note 1
		LE High Power TxBF Avg. Vert	1Mbps	Radiated Bandedge (dBuV/m)	High	* 2.483767	46.59	44.24	-2.35	-7.41	Note 1
		LE High Power TxBF Ave. Vert	2Mbps	RSE (dBuV/m)	Low	11.443374	40.01	39.78	-0.23	-13.99	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.