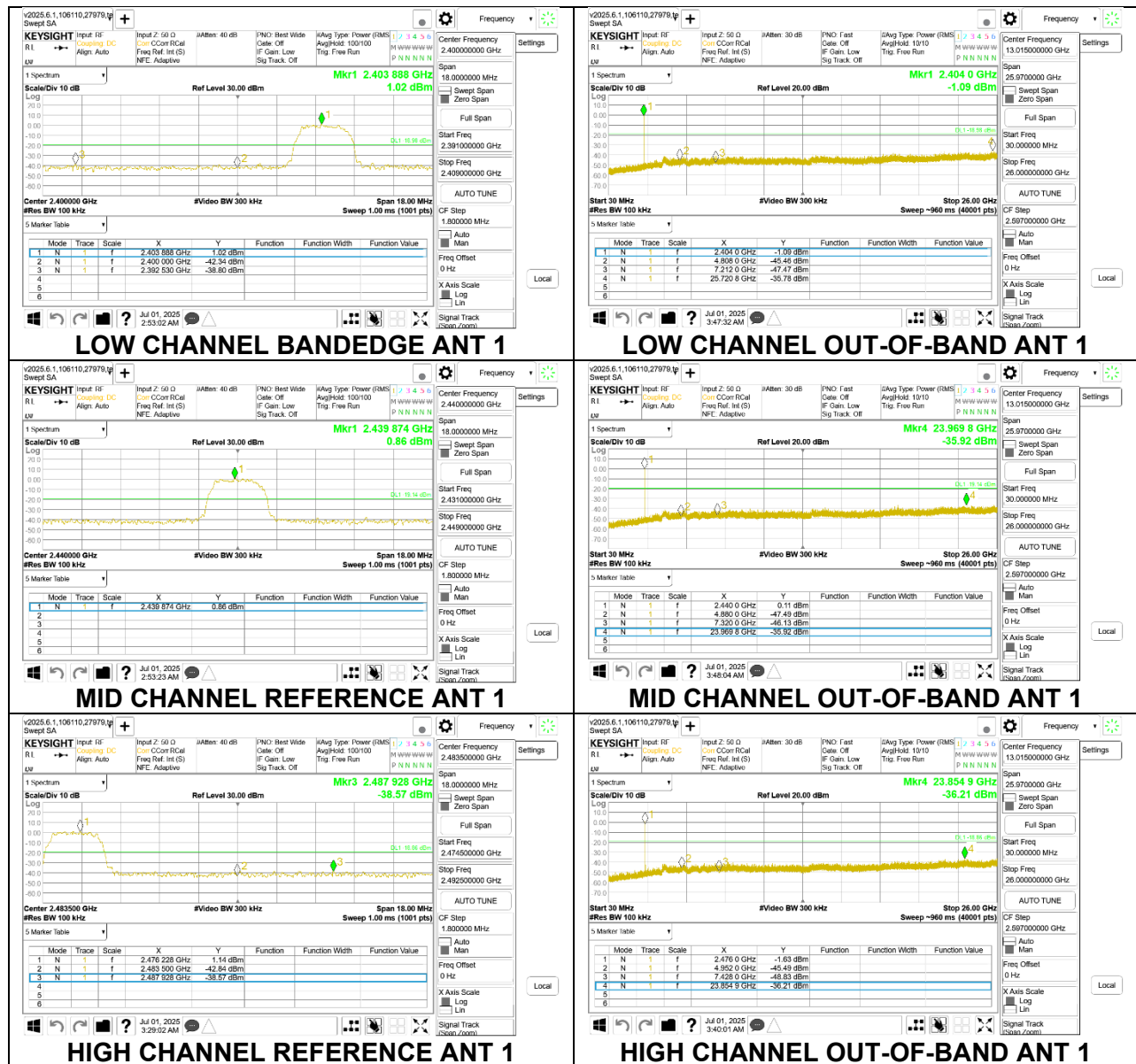




10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

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.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only. Blue color trace on plots: Parallel orientation. Green color trace on plots: Perpendicular orientation.

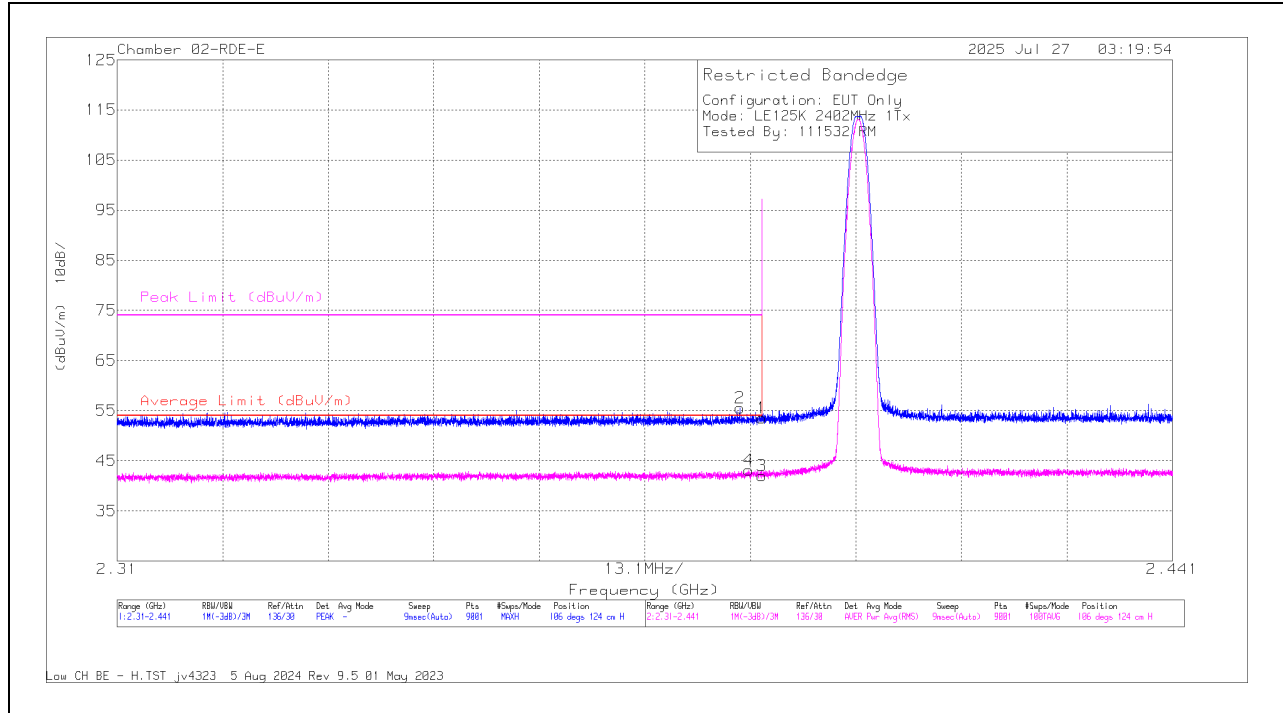
Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

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

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

Compliance with radiated spurious emissions limits in the restricted bands closest to the allocated 2402 – 2480 MHz band were performed on all modes for the low and high channels. Additional measurements on adjacent channels to the low and/or high channels were limited to cases where the edge channels have a significantly lower rated power than the adjacent channels.

Compliance with radiated spurious emissions limits in the restricted bands between 1GHz and 18GHz (except as explained for the band edge) the operating band were performed on the low, middle, and high channel for LELR8, 1Mbps, 2Mbps, and HDT3 mode. As these modes has the highest output power and highest power spectral density it is considered worst case for spurious emissions. For these tests both transmit chains were operating simultaneously and set to the maximum power per chain to cover both TXBF modes. Spurious emissions for frequencies below 1Ghz and above 18GHz were limited to the center channel as preliminary testing indicated that changing the operating frequency had no significant impact on the emissions in those frequency bands.

10.2. TRANSMITTER ABOVE 1 GHz**10.2.1. HIGH POWER BLE (125kbps)****ANT 2****BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

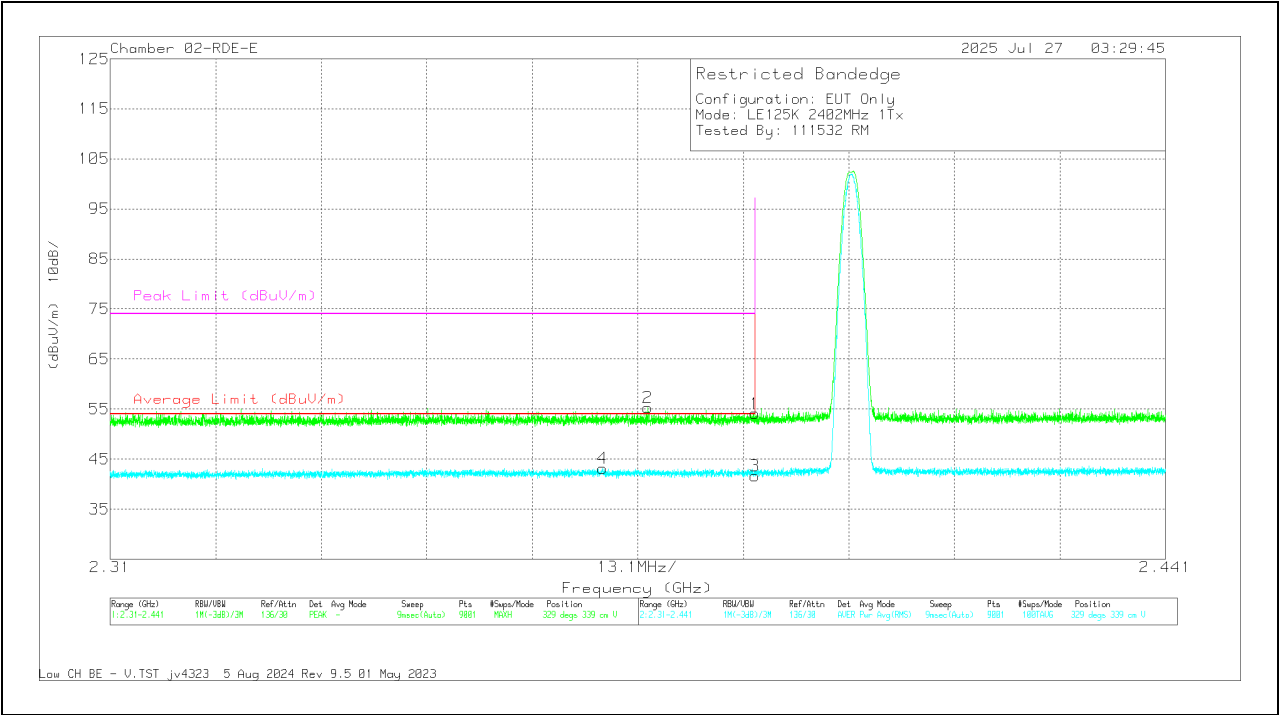
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.11	Pk	32.1	0	-39.7	53.51	-	-	74	-20.49	106	124	H
2	* 2.387278	63.13	Pk	32.1	0	-39.71	55.52	-	-	74	-18.48	106	124	H
3	* 2.39	49.5	RMS	32.1	.11	-39.7	42.01	54	-11.99	-	-	106	124	H
4	* 2.388384	50.67	RMS	32.1	.11	-39.7	43.18	54	-10.82	-	-	106	124	H

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

Pk - Peak detector

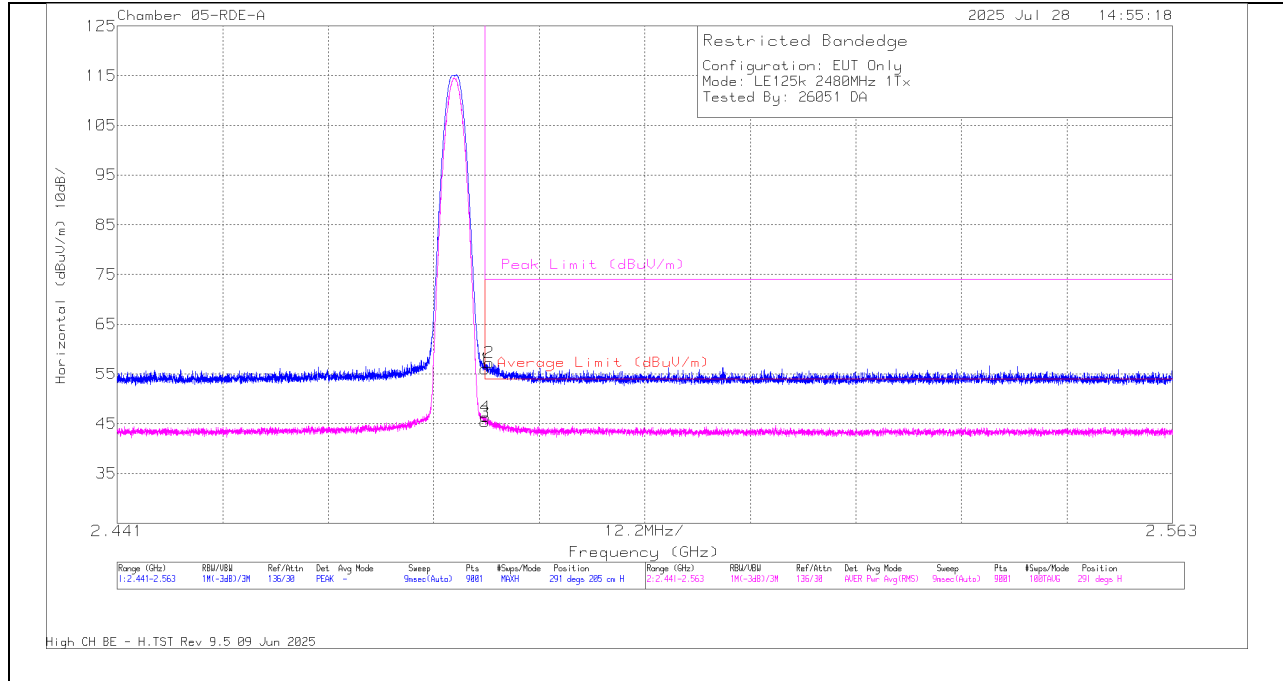
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBu)	Det	94796 ACF (dBm)	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	61.71	Pk	32.1	0	-39.7	54.11	-	-	74	-19.89	329	339	V
2	* 2.376768	62.85	Pk	32.1	0	-39.7	55.25	-	-	74	-18.75	329	339	V
3	* 2.39	49.16	RMS	32.1	.11	-39.7	41.67	54	-12.33	-	-	329	339	V
4	* 2.371121	50.67	RMS	32.1	.11	-39.7	43.17	54	-10.83	-	-	329	339	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

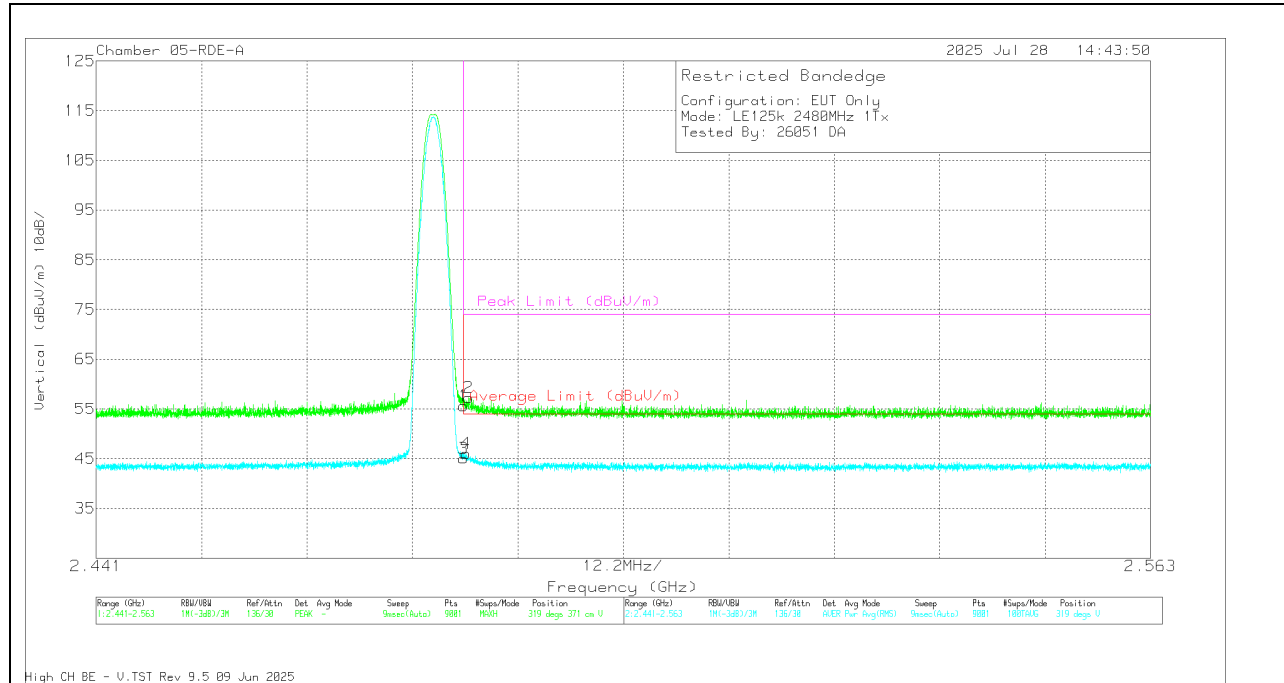
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.72	Pk	32.7	0	-39.4	56.02	-	-	74	-17.98	291	205	H
2	* 2.484	63.92	Pk	32.7	0	-39.4	57.22	-	-	74	-16.78	291	205	H
3	* 2.4835	51.93	RMS	32.7	.11	-39.4	45.34	54	-8.66	-	-	291	205	H
4	* 2.483607	52.94	RMS	32.7	.11	-39.4	46.35	54	-7.65	-	-	291	205	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

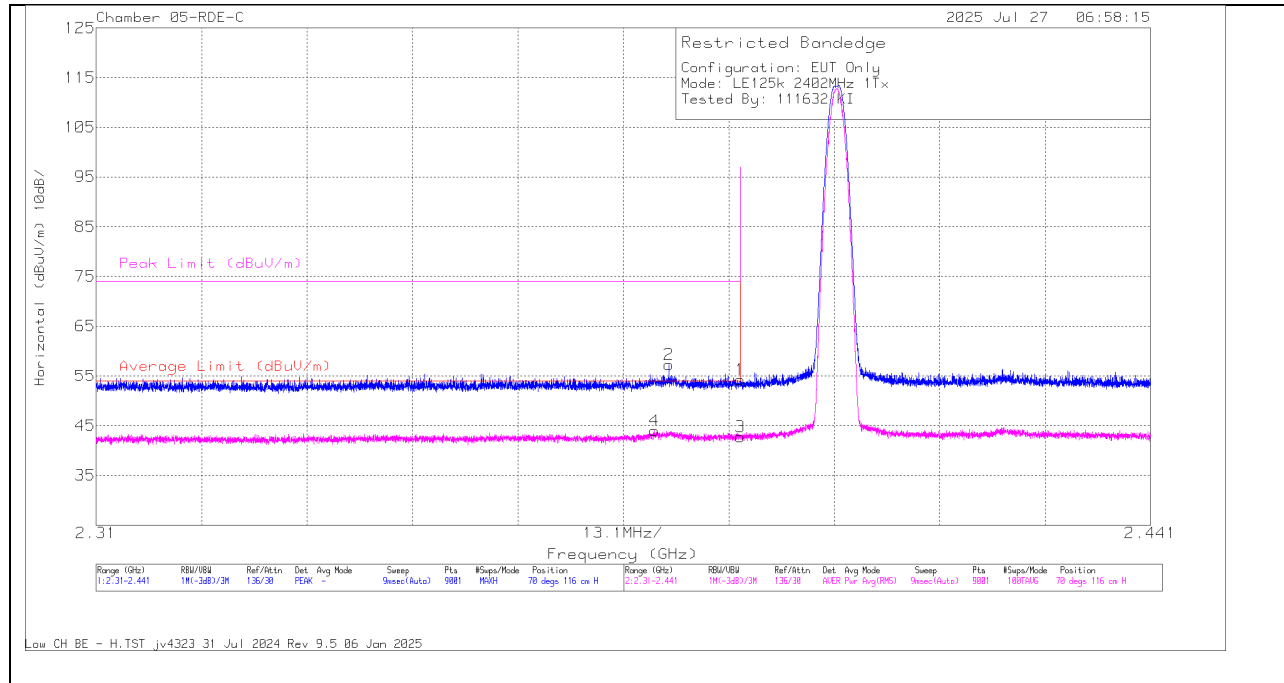


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	62.28	Pk	32.7	0	-39.4	55.58	-	-	74	-18.42	319	371	V
2	*2.484122	64.01	Pk	32.7	0	-39.4	57.31	-	-	74	-16.69	319	371	V
3	*2.4835	51.68	RMS	32.7	-11	-39.4	45.06	54	-8.91	-	-	319	371	V
4	*2.483783	52.66	RMS	32.7	-11	-39.4	46.07	54	-7.93	-	-	319	371	V

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

Pk - Peak detector

RMS - RMS detection

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

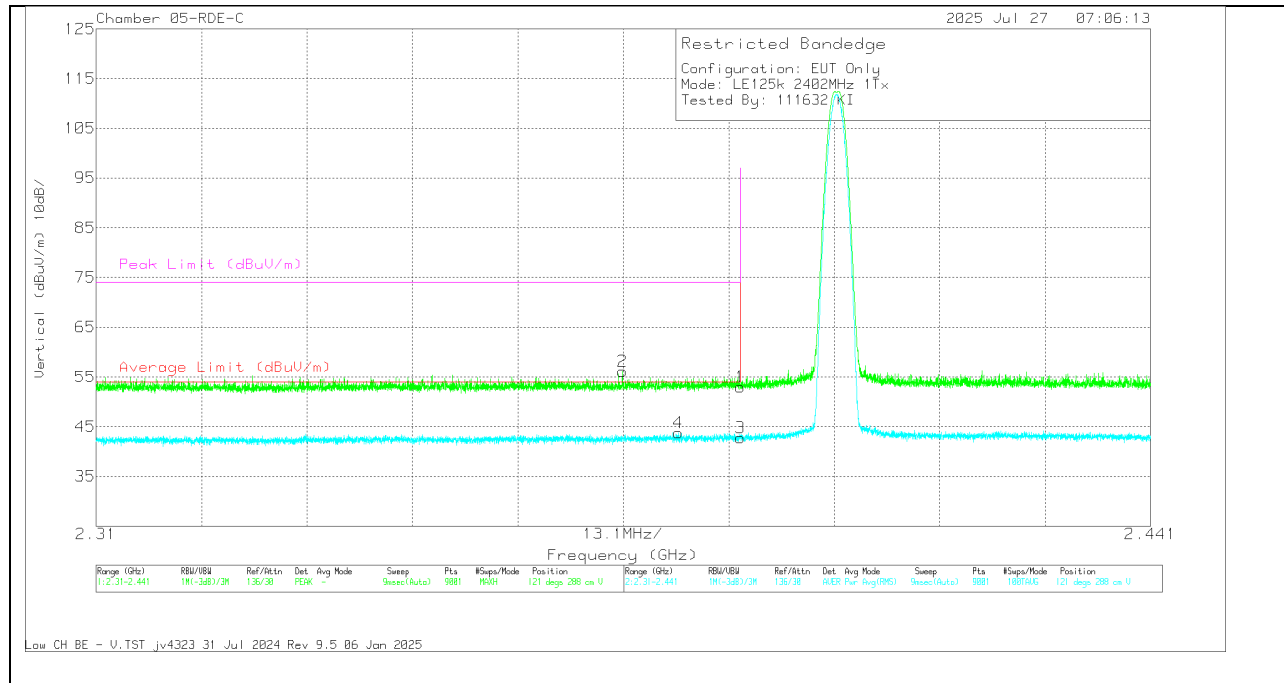
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*2.379359	52.1	RMS	32	.11	-40.24	43.97	54	-10.03	-	-	70	116	H
2	*2.38115	65.5	Pk	32	0	-40.23	57.27	-	-	74	-16.73	70	116	H
1	*2.39	62.6	Pk	32	0	-40.36	54.24	-	-	74	-19.76	70	116	H
3	*2.39	51.01	RMS	32	.11	-40.36	42.76	54	-11.24	-	-	70	116	H

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

Pk - Peak detector

RMS - RMS detection

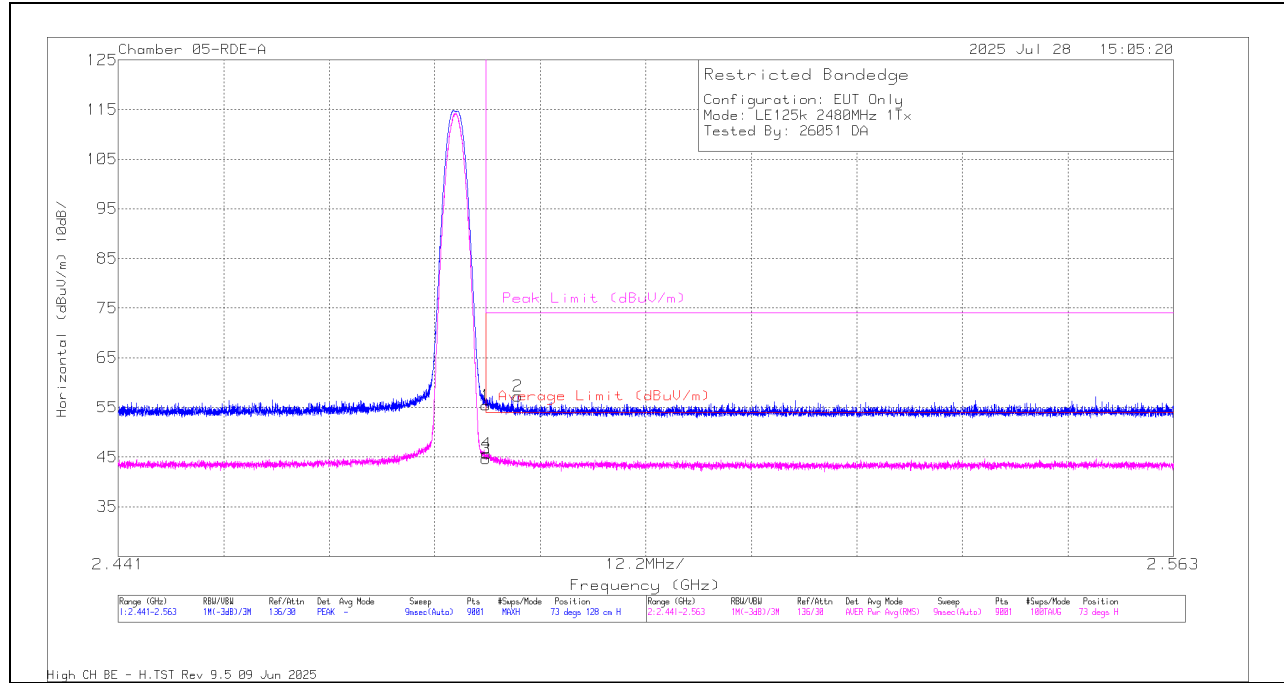
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 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
2	*2.3754	64.38	Pk	32	0	-40.29	56.09	-	-	74	-17.91	121	288	V
4	*2.382358	51.87	RMS	32	.11	-40.21	43.77	54	-10.23	-	-	121	288	V
1	*2.39	61.32	Pk	32	0	-40.36	52.96	-	-	74	-21.04	121	288	V
3	*2.39	50.98	RMS	32	.11	-40.36	42.73	54	-11.27	-	-	121	288	V

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

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

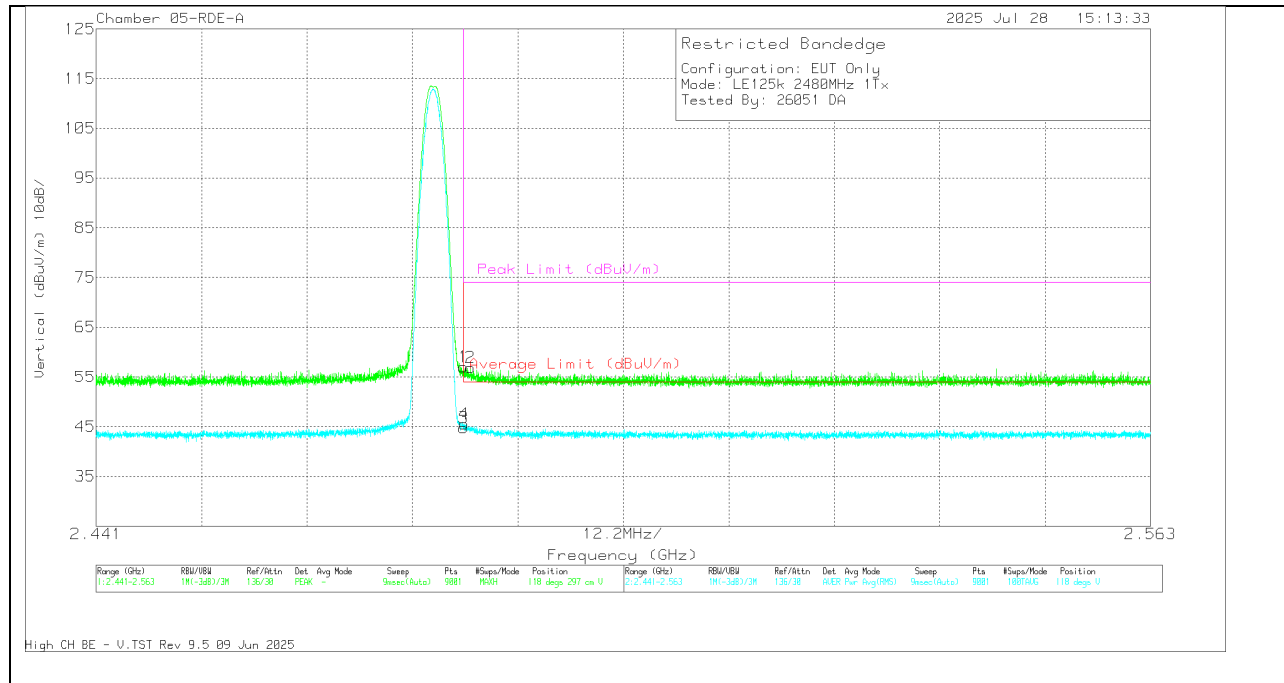
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.13	PK	32.7	0	-39.4	55.43	-	-	74	-18.57	73	128	H
2	* 2.487185	63.98	PK	32.7	0	-39.4	57.28	-	-	74	-16.72	73	128	H
3	* 2.4835	51.2	RMS	32.7	.11	-39.4	44.61	54	-9.39	-	-	73	128	H
4	* 2.483552	52.27	RMS	32.7	.11	-39.4	45.68	54	-8.32	-	-	73	128	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACI (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Dops)	Height (cm)	Polarity
1	* 2.4835	63.68	PK	32.7	0	-39.4	56.98	-	-	74	-17.02	118	297	V
2	* 2.48311	63.62	PK	32.7	0	-39.4	56.92	-	-	74	-17.08	118	297	V
3	* 2.4835	51.39	RMS	32.7	.11	-39.4	44.8	54	-8.2	-	-	118	297	V
4	* 2.483579	52.09	RMS	32.7	.11	-39.4	45.5	54	-8.5	-	-	118	297	V

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

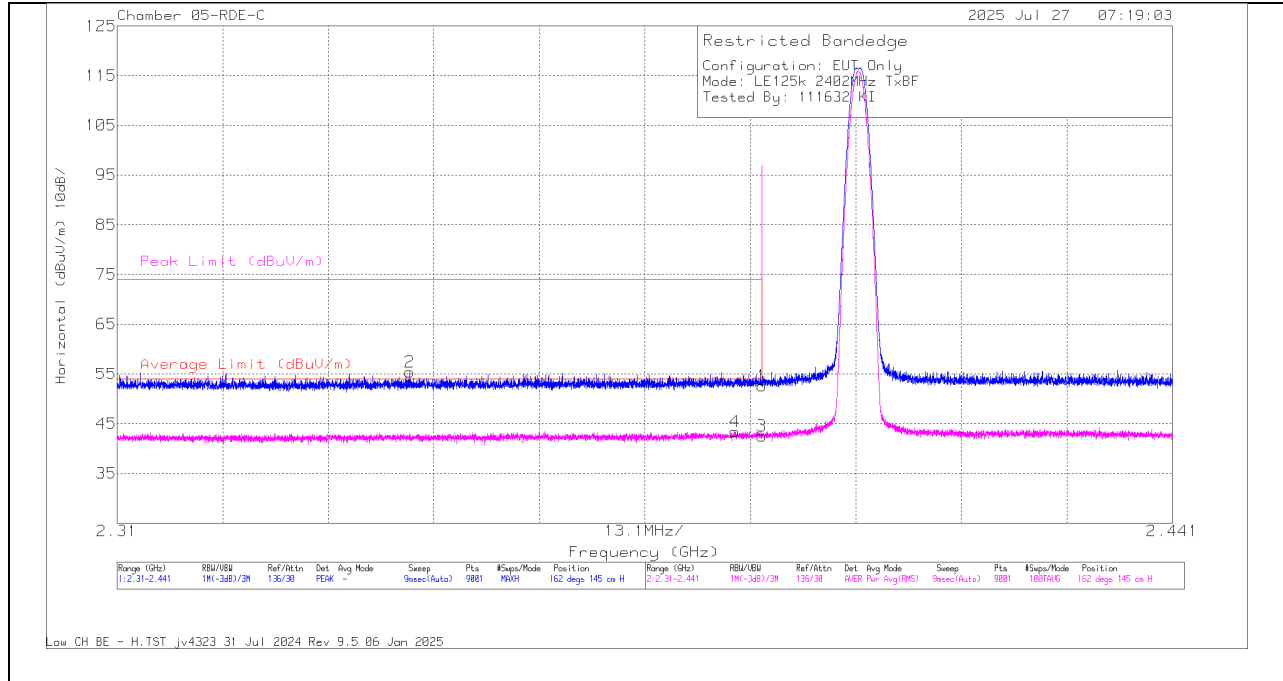
PK - Peak detector

RMS - RMS detection

10.2.2. HIGH POWER BLE TXBF (125kbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

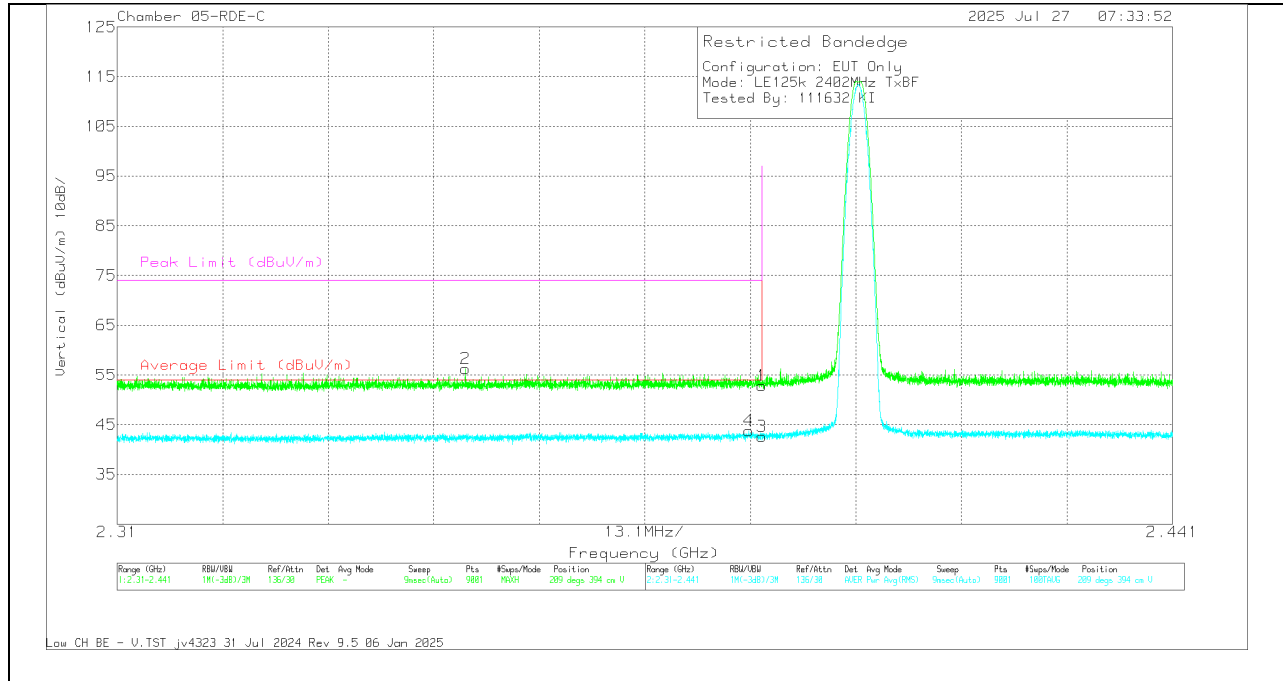


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.346288	63.72	Pk	31.8	0	-40.13	55.39	-	-	74	-18.61	162	145	H
4	*2.386725	51.59	RMS	32	.11	-40.28	43.42	54	-10.58	-	-	162	145	H
1	*2.39	61.01	Pk	32	0	-40.36	52.65	-	-	74	-21.35	162	145	H
3	*2.39	50.76	RMS	32	.11	-40.36	42.51	54	-11.49	-	-	162	145	H

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

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

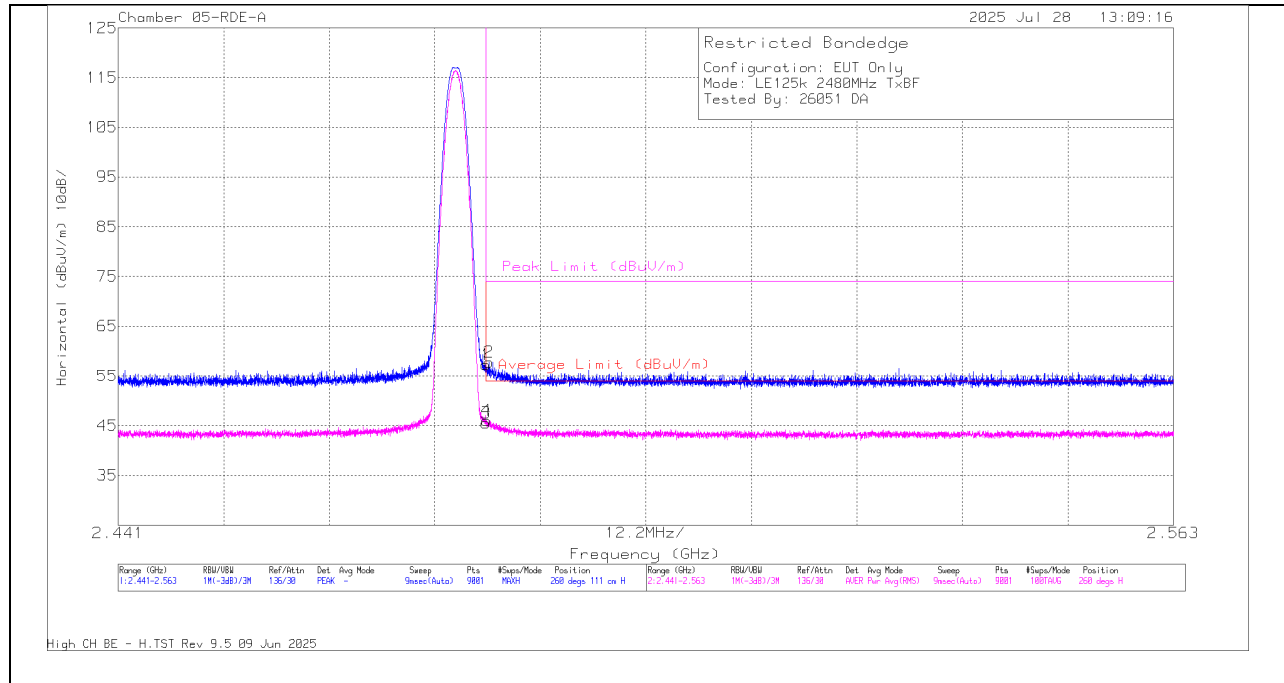


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.353202	64.6	Pk	31.8	0	-40.09	56.31	-	-	74	-17.69	209	394	V
4	*2.38428	51.9	RMS	32	.11	-40.26	43.75	54	-10.25	-	-	209	394	V
1	*2.39	61.17	Pk	32	0	-40.36	52.81	-	-	74	-21.19	209	394	V
3	*2.39	50.85	RMS	32	.11	-40.36	42.6	54	-11.4	-	-	209	394	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

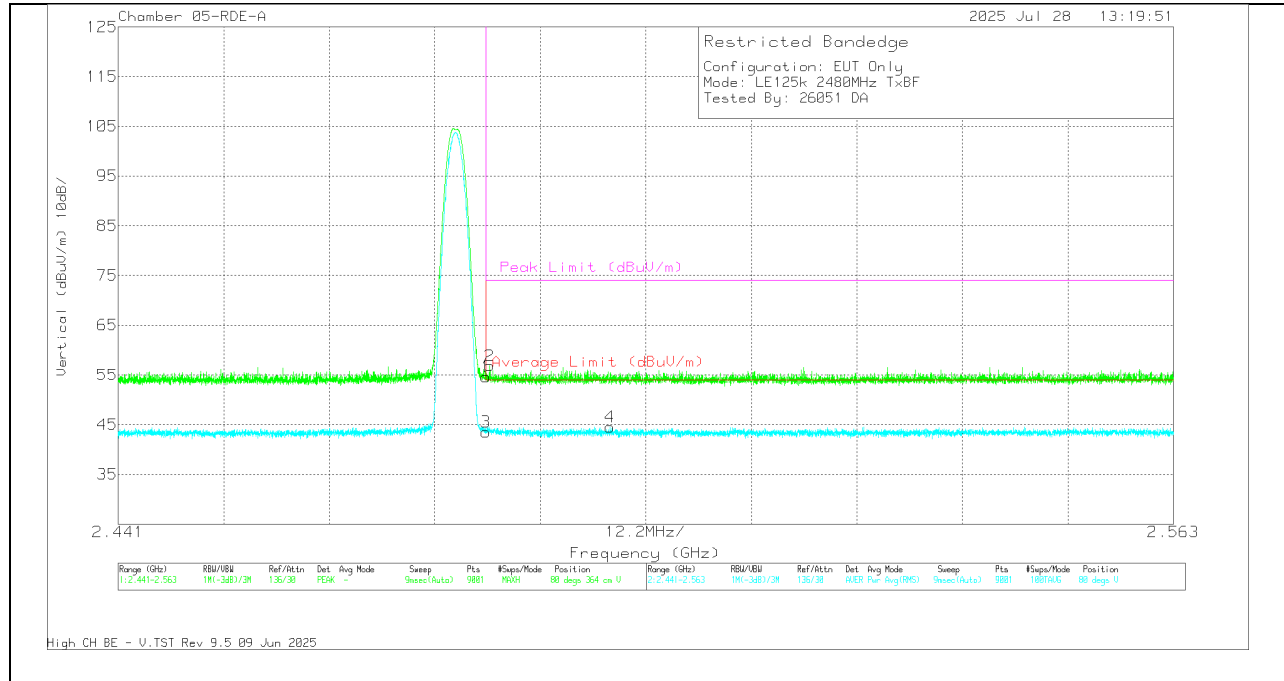
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	63.97	Pk	32.7	0	-39.4	57.27	-	-	74	-16.73	260	111	H
2	* 2.483878	64.47	Pk	32.7	0	-39.4	57.77	-	-	74	-16.23	260	111	H
3	* 2.4835	52.18	RMS	32.7	.11	-39.4	45.59	54	-8.41	-	-	260	111	H
4	* 2.483552	52.66	RMS	32.7	.11	-39.4	46.07	54	-7.93	-	-	260	111	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dBm)	DCGF (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	61.31	Pk	32.7	0	-39.4	54.61	-	-	74	-19.39	80	364	V
2	*2.483832	63.53	Pk	32.7	0	-39.4	56.83	-	-	74	-17.17	80	364	V
3	*2.4835	50.15	RMS	32.7	.11	-39.4	43.56	54	-10.44	-	-	80	364	V
4	*2.497854	51.08	RMS	32.8	.11	-39.41	44.58	54	-9.42	-	-	80	364	V

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

Pk - Peak detector

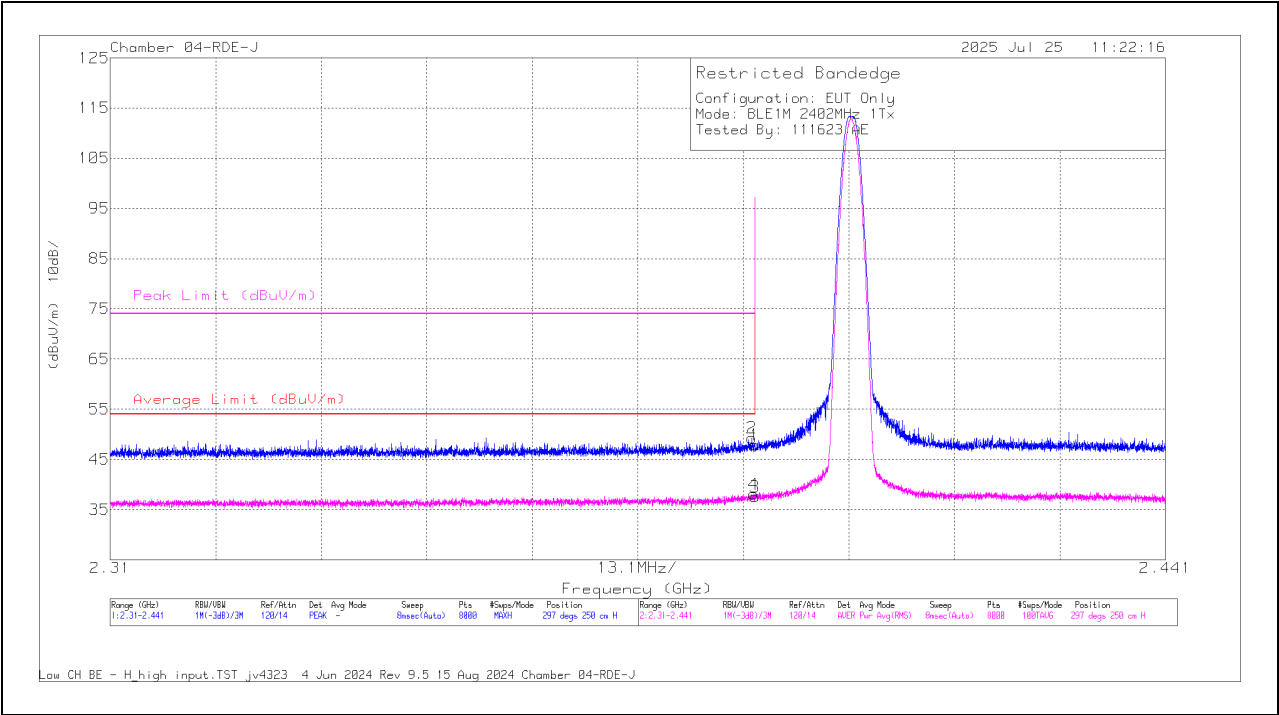
RMS - RMS detection

10.2.3. HIGH POWER BLE (1Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

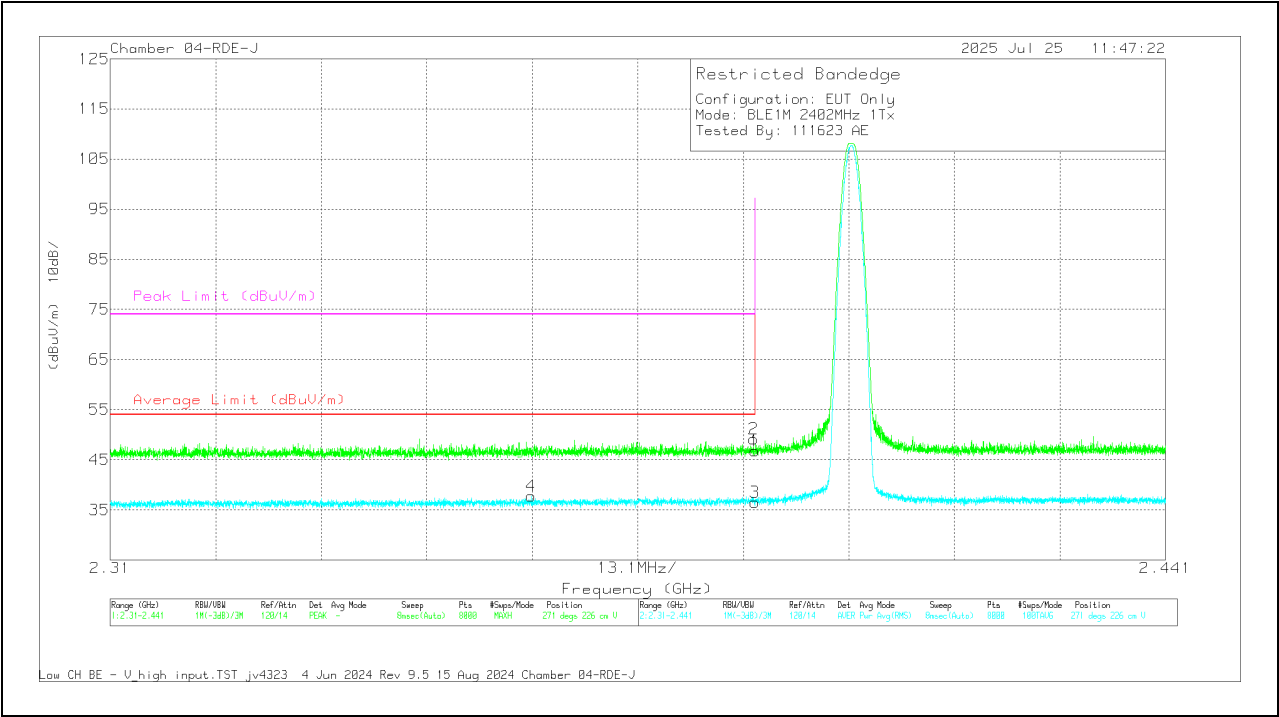
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Ampl/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.95	Pk	32.2	-26.2	0	47.95	-	-	74	-26.05	297	250	H
2	* 2.389641	45.28	Pk	32.2	-26.2	0	49.28	-	-	74	-24.72	297	250	H
3	* 2.39	32.84	RMS	32.2	-26.2	.72	37.56	54	-16.44	-	-	297	250	H
4	* 2.389903	33.35	RMS	32.2	-26.2	.72	36.07	54	-15.93	-	-	297	250	H

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

VERTICAL RESULT

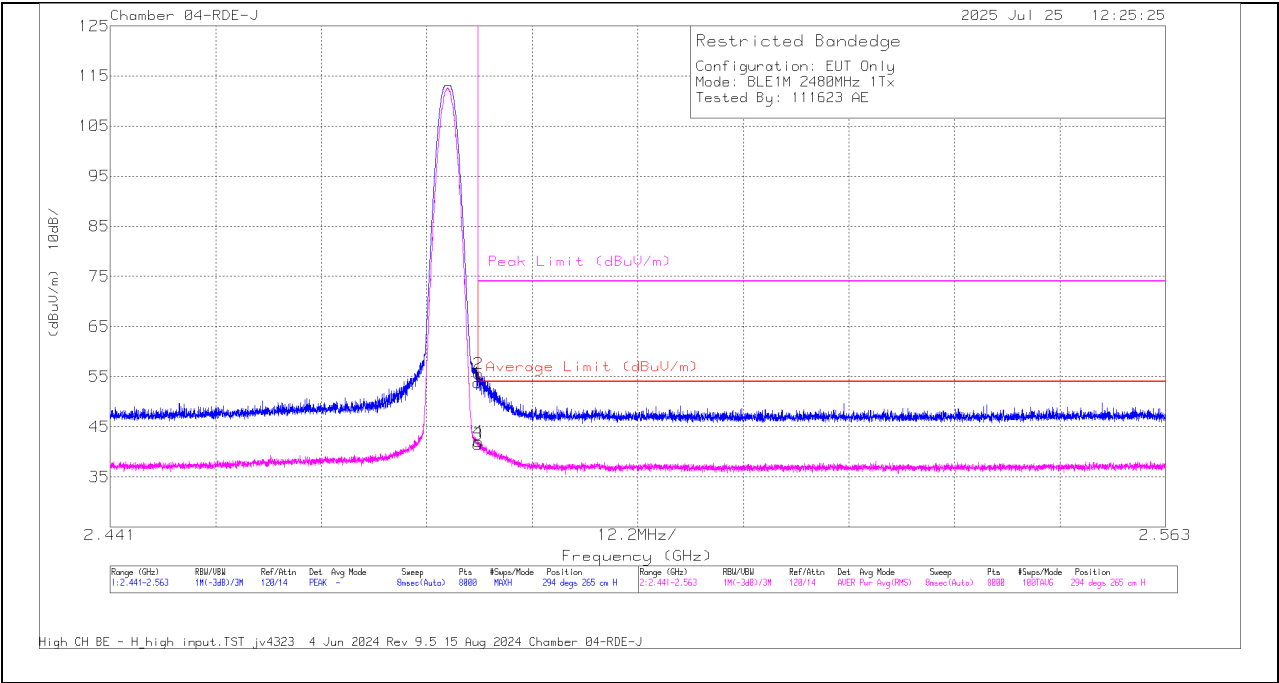


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.76	PK	32.2	-26.2	0	46.76	-	-	74	-27.24	271	226	V
2	* 2.389871	45.19	PK	32.2	-26.2	0	49.19	-	-	74	-24.81	271	226	V
3	* 2.39	31.81	RMS	32.2	-28.2	.72	36.53	54	-17.47	-	-	271	226	V
4	* 2.362275	33.29	RMS	32.1	-28.3	.72	37.81	54	-16.19	-	-	271	226	V

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

BANDEDGE (HIGH CHANNEL)

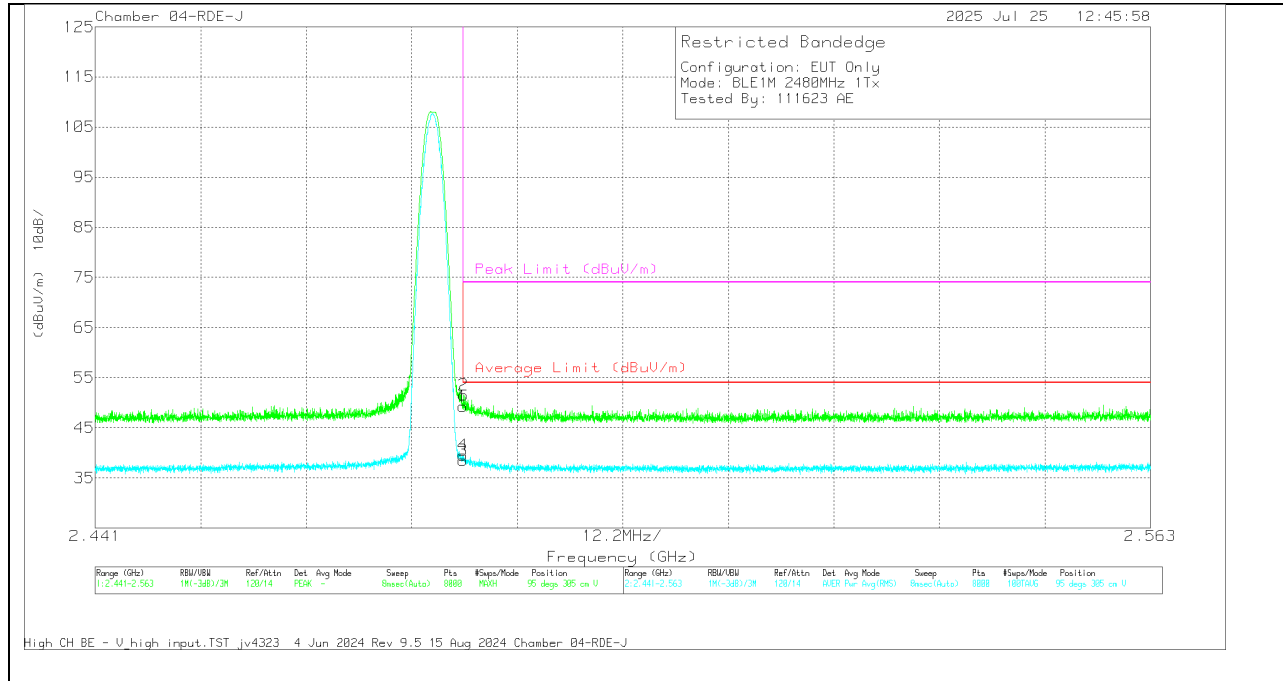
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Cb (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	49.43	Pk	32.4	-28.1	0	53.73	-	-	74	-20.27	294	265	H
2	* 2.483599	51.3	Pk	32.4	-28.1	0	55.6	-	-	74	-18.4	294	265	H
3	* 2.4835	36.51	RMS	32.4	-28.1	.72	41.53	54	-12.47	-	-	294	265	H
4	* 2.483599	36.96	RMS	32.4	-28.1	.72	41.98	54	-12.02	-	-	294	265	H

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

VERTICAL RESULT

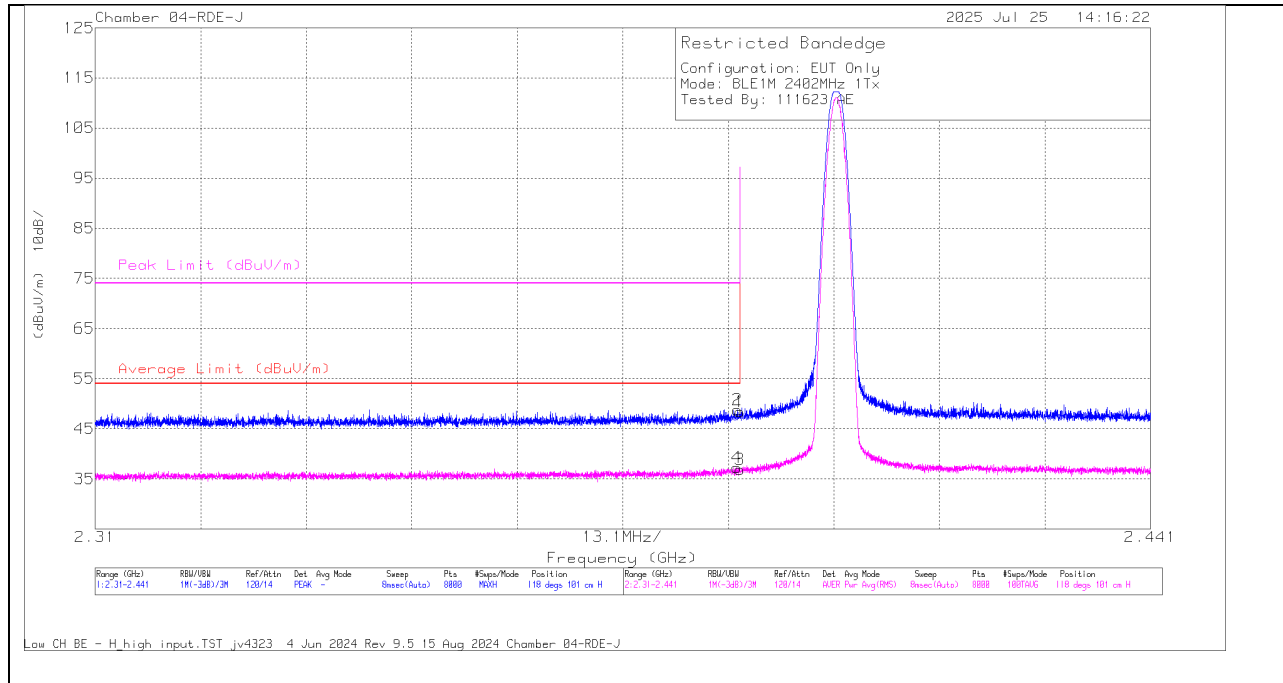


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	00707 ACF (dBm)	AmprCbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	44.98	PK	32.4	-28.1	0	49.28	-	-	74	-24.72	95	305	V
2	* 2.483614	47.21	PK	32.4	-28.1	0	51.51	-	-	74	-22.49	95	305	V
3	* 2.4835	33.64	RMS	32.4	-28.1	.72	38.56	54	-15.44	-	-	95	305	V
4	* 2.483538	34.5	RMS	32.4	-28.1	.72	39.52	54	-14.48	-	-	95	305	V

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

PK - Peak detector

RMS - RMS detection

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

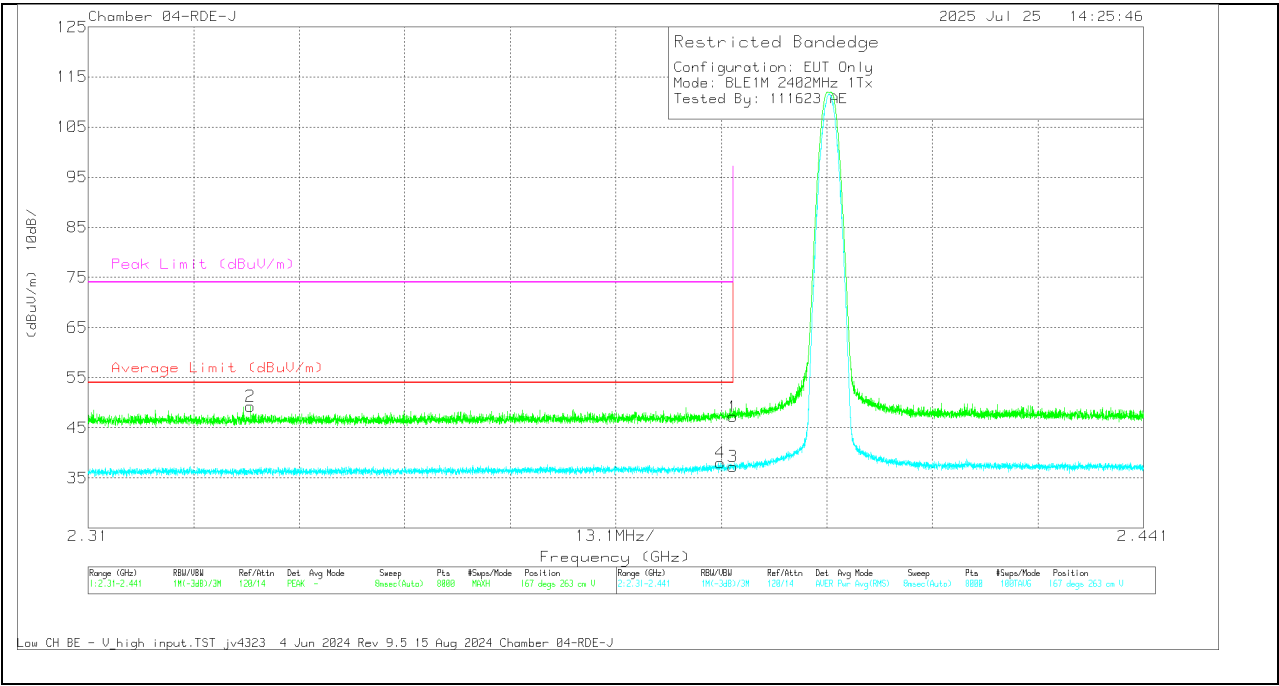
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	99797 ACF (dBm)	Ampl/Cbl (dB)	OCOF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.38	Pk	32.2	-28.2	0	48.38	-	-	74	-25.62	118	101	H
2	* 2.38974	44.76	Pk	32.2	-28.2	0	48.76	-	-	74	-25.24	118	101	H
3	* 2.39	32.86	RMS	32.2	-28.2	0.72	37.58	54	-16.42	-	-	118	101	H
4	* 2.389625	33.27	RMS	32.2	-28.2	0.72	37.99	54	-16.01	-	-	118	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

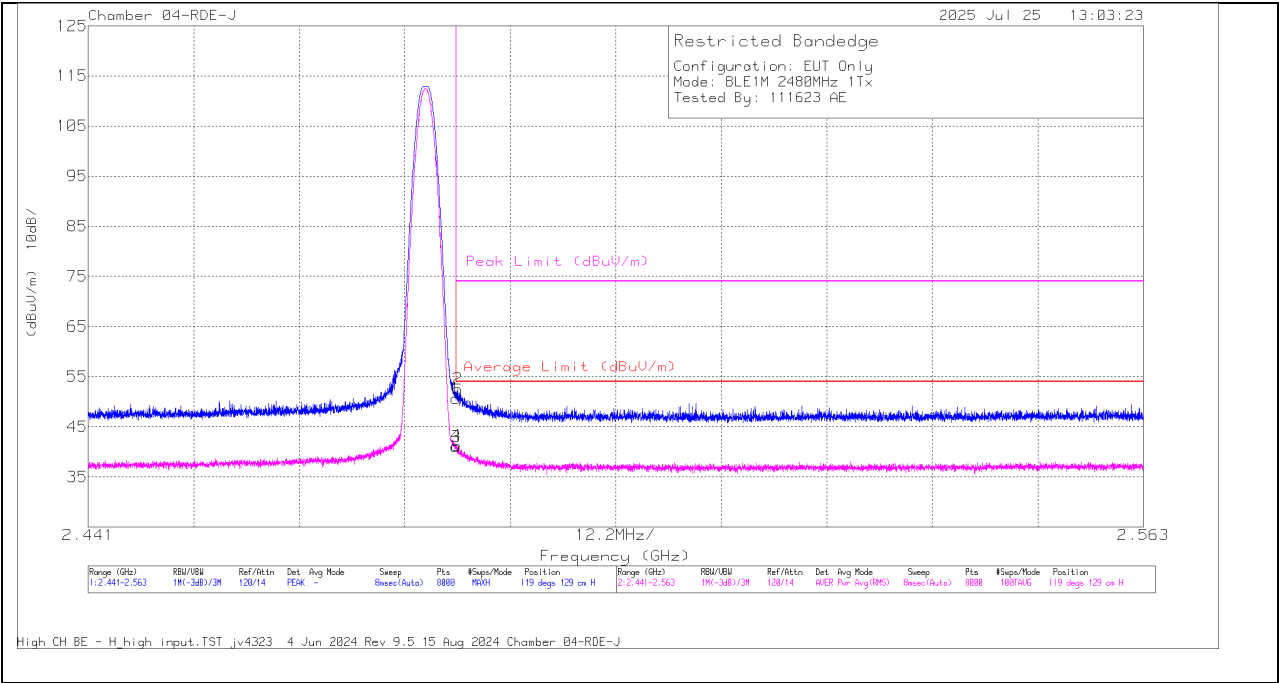


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	90767 ACF (dBm)	Amp/Cbt (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.22	PK	32.2	-28.2	0	47.22	-	-	74	-26.78	167	263	V
2	* 2.330144	45.88	PK	31.9	-28.5	0	49.28	-	-	74	-24.72	167	263	V
3	* 2.39	32.55	RMS	32.2	-28.2	.72	37.27	54	-16.73	-	-	167	263	V
4	* 2.388511	33.3	RMS	32.2	-28.2	.72	38.02	54	-15.98	-	-	167	263	V

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

BANDEDGE (HIGH CHANNEL)

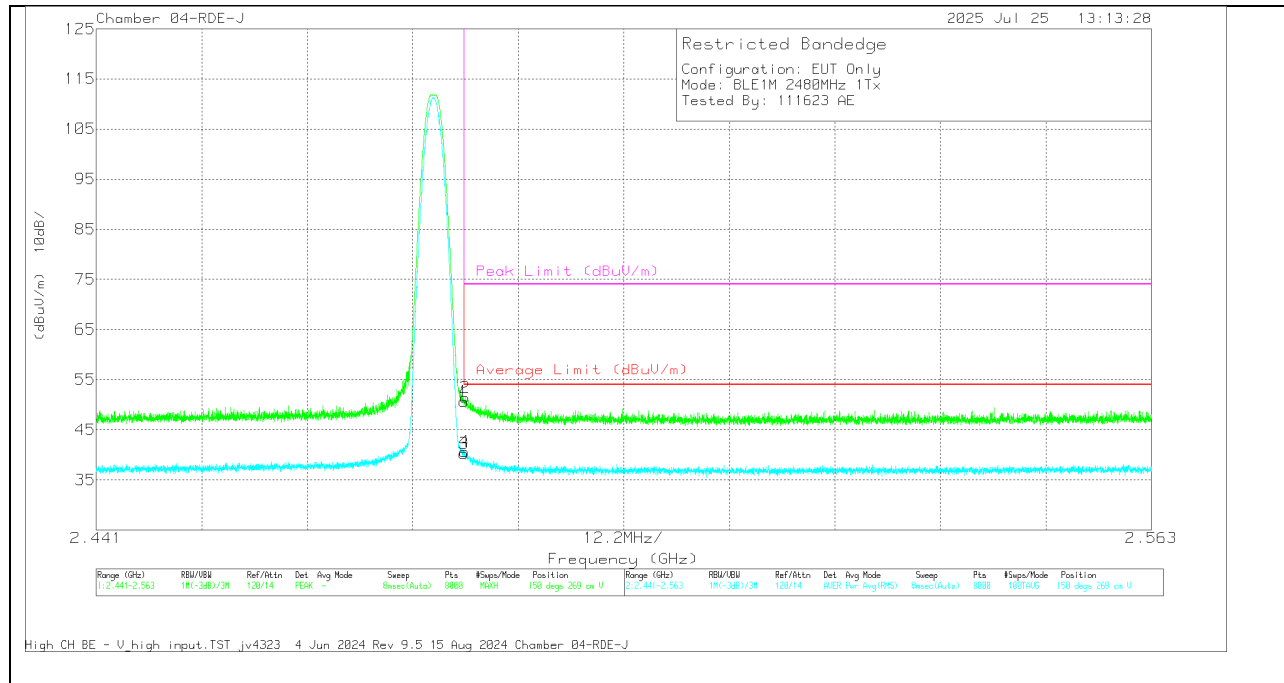
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Cb1 (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	46.39	Pk	32.4	-28.1	0	50.69	-	-	74	-23.31	119	129	H
2	* 2.483751	46.27	Pk	32.4	-28.1	0	52.67	-	-	74	-21.43	119	129	H
3	* 2.4835	36.01	RMS	32.4	-28.1	.72	41.03	54	-12.97	-	-	119	129	H
4	* 2.483568	36.23	RMS	32.4	-28.1	.72	41.25	54	-12.75	-	-	119	129	H

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

VERTICAL RESULT



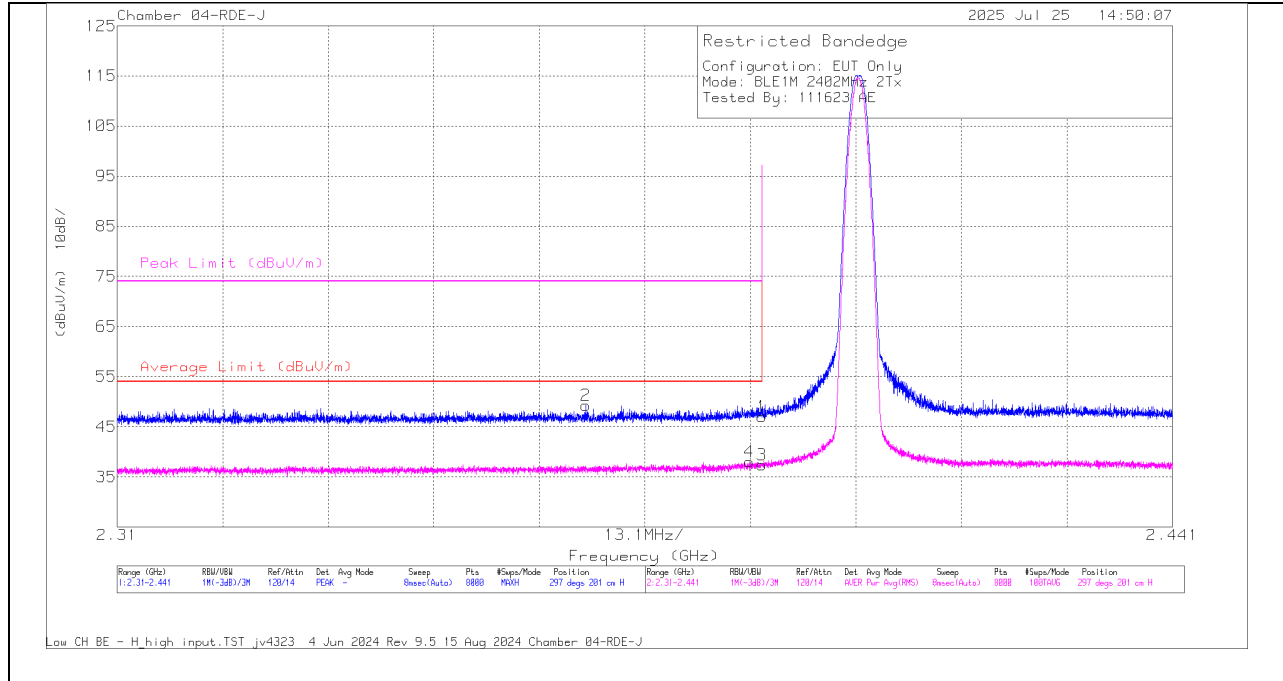
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	B0707 ACF (dBm)	AmpCbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	46.37	Pk	32.4	-28.1	0	50.67	-	-	74	-23.33	150	269	V
2	* 2.48356	47.16	Pk	32.4	-28.1	0	51.46	-	-	74	-22.54	150	269	V
3	* 2.4835	35.25	RMS	32.4	-28.1	-72	40.27	54	-13.73	-	-	150	269	V
4	* 2.483553	35.6	RMS	32.4	-28.1	-72	40.62	54	-13.38	-	-	150	269	V

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

10.2.4. HIGH POWER BLE TXBF (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



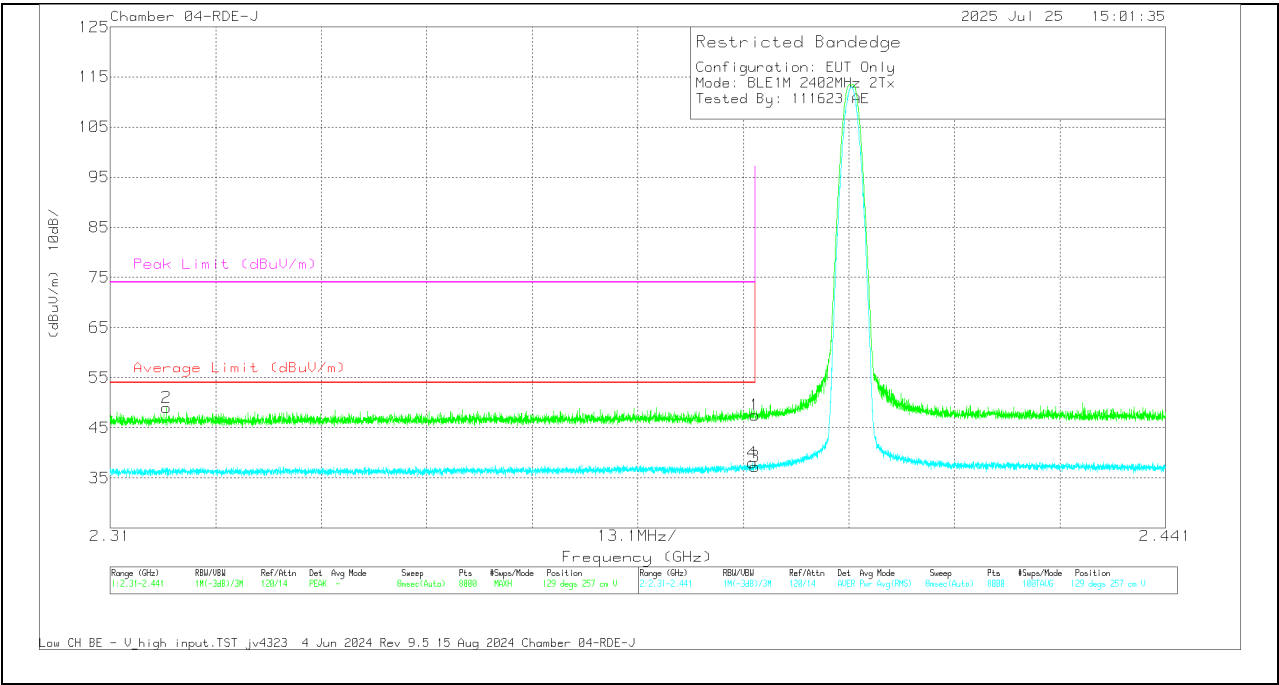
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Ctrl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43	PK	32.2	-28.2	0	47	-	-	74	-27	297	201	H
2	* 2.368138	45.47	PK	32.1	-28.3	0	49.27	-	-	74	-24.73	297	201	H
3	* 2.39	32.06	RMS	32.2	-28.2	.72	37.38	54	-16.62	-	-	297	201	H
4	* 2.388462	33.28	RMS	32.2	-28.2	.72	38	54	-16	-	-	297	201	H

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

PK - Peak detector

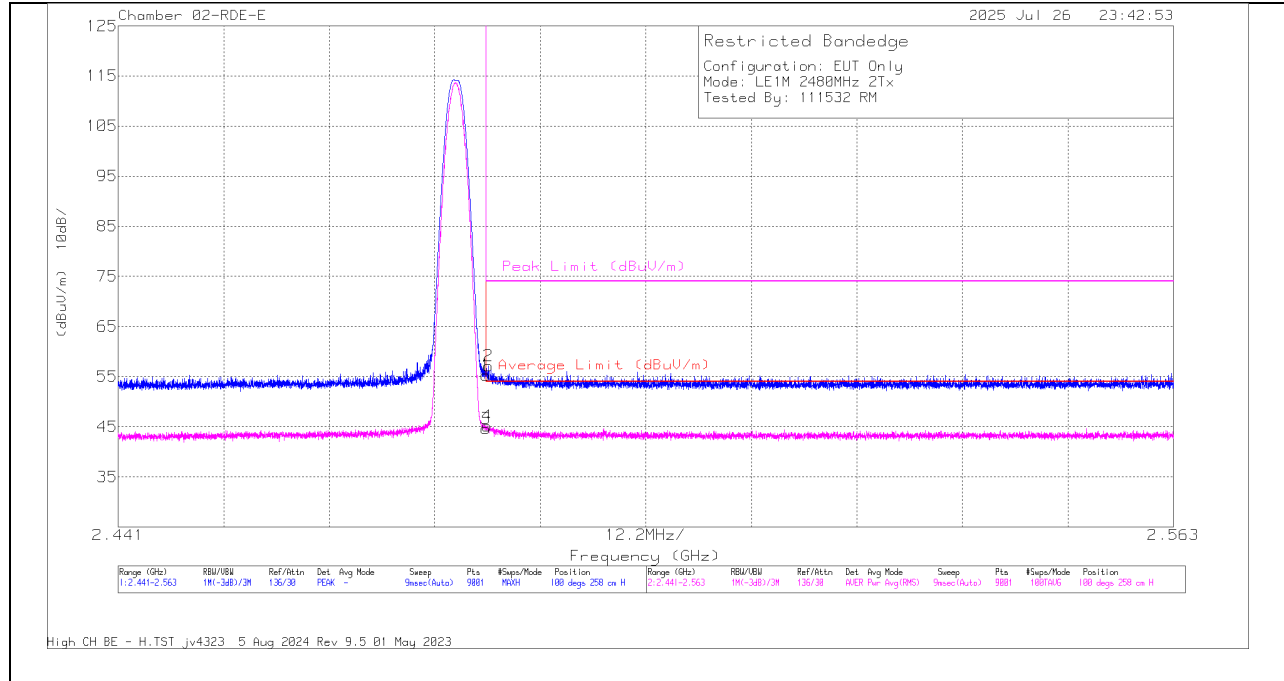
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	00707 ACF (dBm)	AmprCbt (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	43.56	PK	32.2	-28.2	0	47.56	-	-	74	-26.44	129	257	V
2	* 2.316977	45.64	PK	31.9	-28.5	0	49.04	-	-	74	-24.96	129	257	V
3	* 2.39	32.57	RMS	32.2	-28.2	.72	37.29	54	-16.71	-	-	129	257	V
4	* 2.389707	33.31	RMS	32.2	-28.2	.72	38.03	54	-15.97	-	-	129	257	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

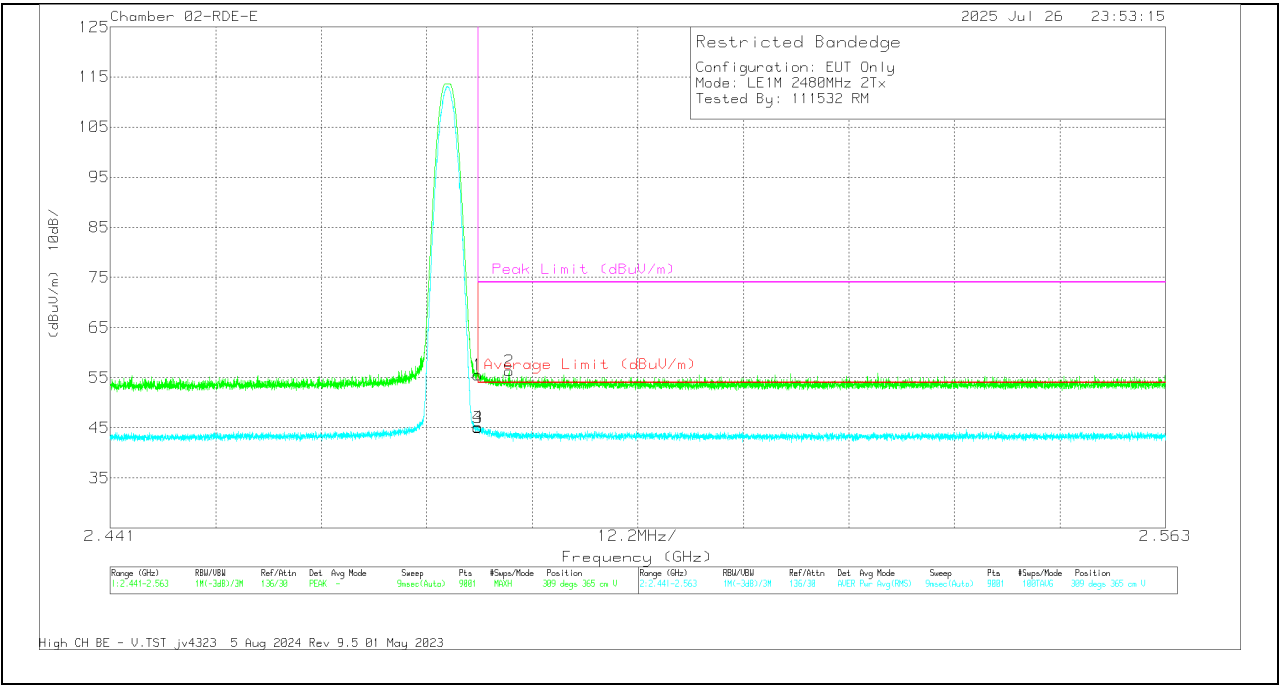
Marker	Frequency (GHz)	Meter Reading (dBU)	Det	34796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBU/m)	Average Limit (dBU/m)	Margin (dB)	Peak Limit (dBU/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.34	Pk	32.5	0	-39.58	55.26	-	-	74	-18.74	100	258	H
2	* 2.48361	64.23	Pk	32.5	0	-39.58	57.15	-	-	74	-16.85	100	258	H
3	* 2.4835	50.99	RMS	32.5	.72	-39.58	44.63	54	-9.37	-	-	100	258	H
4	* 2.483647	51.48	RMS	32.5	.72	-39.58	45.12	54	-8.88	-	-	100	258	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	S4796 ACF (dBm)	DCCP (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	62.65	Pk	32.5	0	-39.58	55.57	-	-	74	-18.43	309	365	V
2	* 2.487145	63.41	Pk	32.5	0	-39.57	56.34	-	-	74	-17.66	309	365	V
3	* 2.4835	51.43	RMS	32.5	.72	-39.58	45.07	54	-8.93	-	-	309	365	V
4	* 2.483512	51.48	RMS	32.5	.72	-39.58	45.12	54	-8.88	-	-	309	365	V

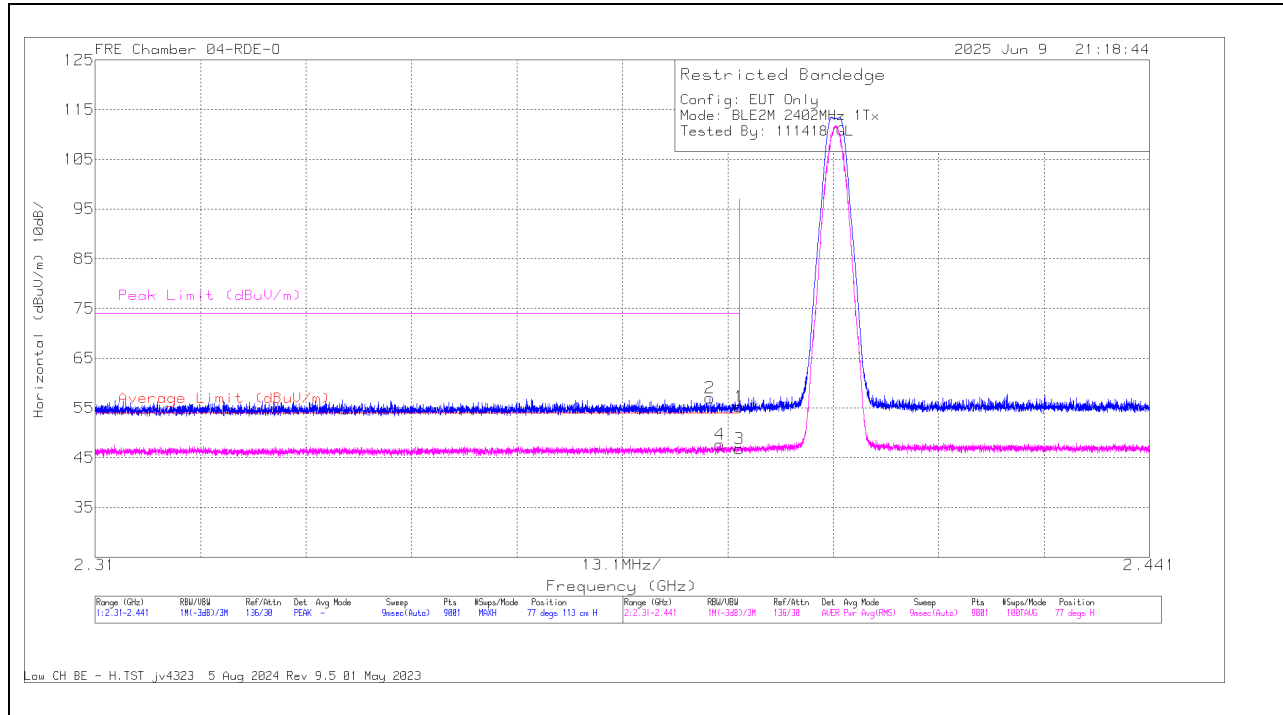
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

10.2.5. HIGH POWER BLE (2Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



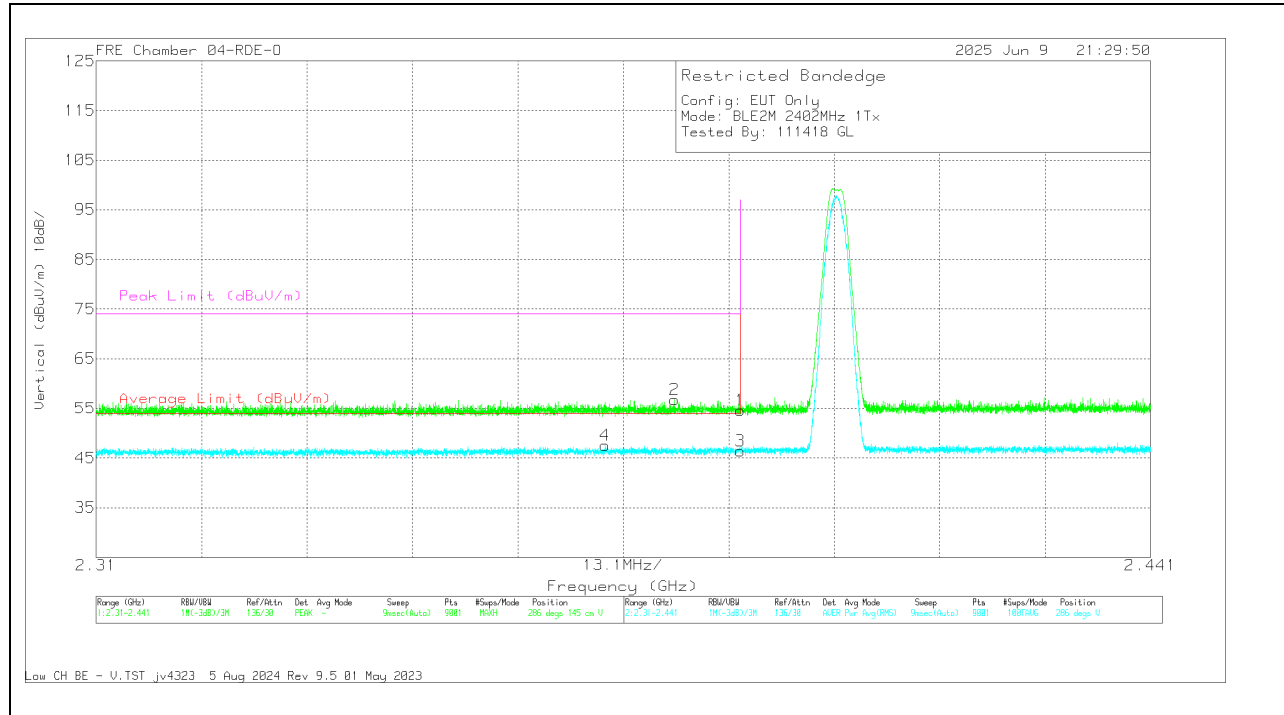
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 50402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.26	Pk	32.1	0	-37.08	55.28	-	-	74	-18.72	77	113	H
2	* 2.386404	61.98	Pk	32.1	0	-37.11	56.88	-	-	74	-17.02	77	113	H
3	* 2.39	49.33	RMS	32.1	2.46	-37.08	46.81	54	-7.19	-	-	77	113	H
4	* 2.387656	50.22	RMS	32.1	2.46	-37.09	47.69	54	-6.31	-	-	77	113	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

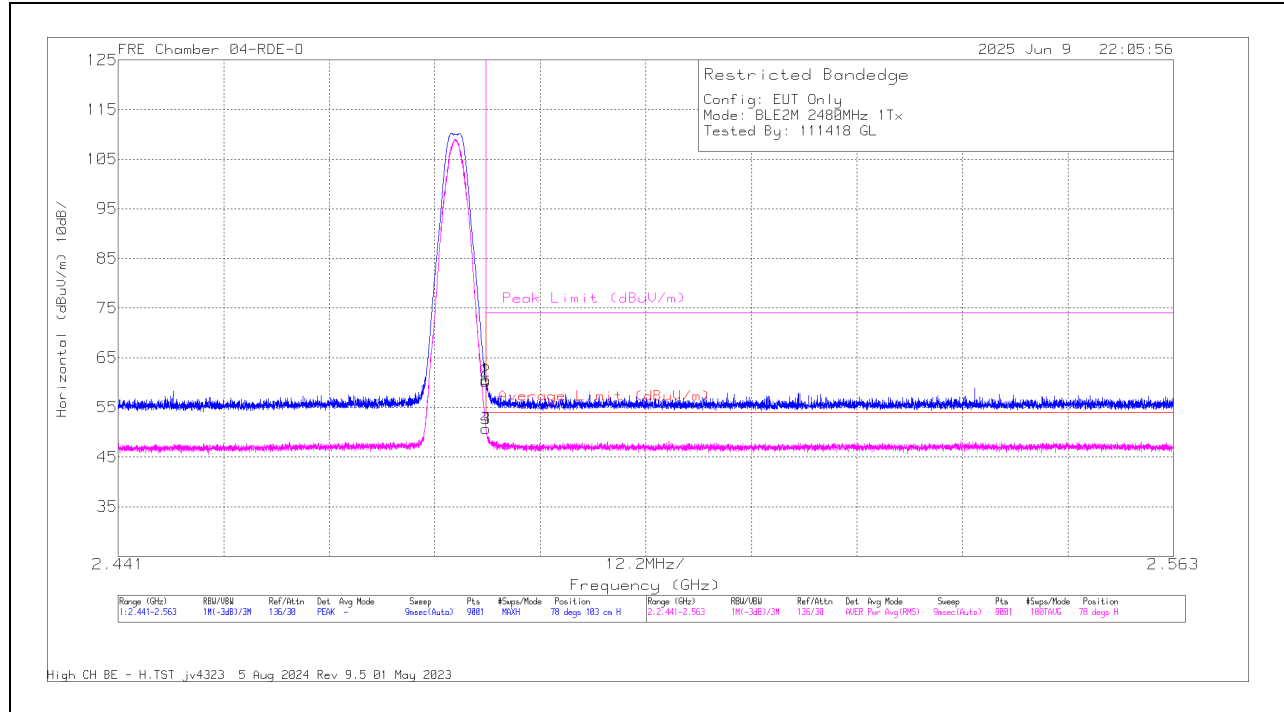


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.61	Pk	32.1	0	-37.08	54.63	-	-	74	-19.37	286	145	V
2	* 2.381892	61.94	Pk	32	0	-37.14	56.8	-	-	74	-17.2	286	145	V
3	* 2.39	48.94	RMS	32.1	2.46	-37.08	46.42	54	-7.58	-	-	286	145	V
4	* 2.373202	50.14	RMS	32	2.46	-37.09	47.51	54	-6.49	-	-	286	145	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

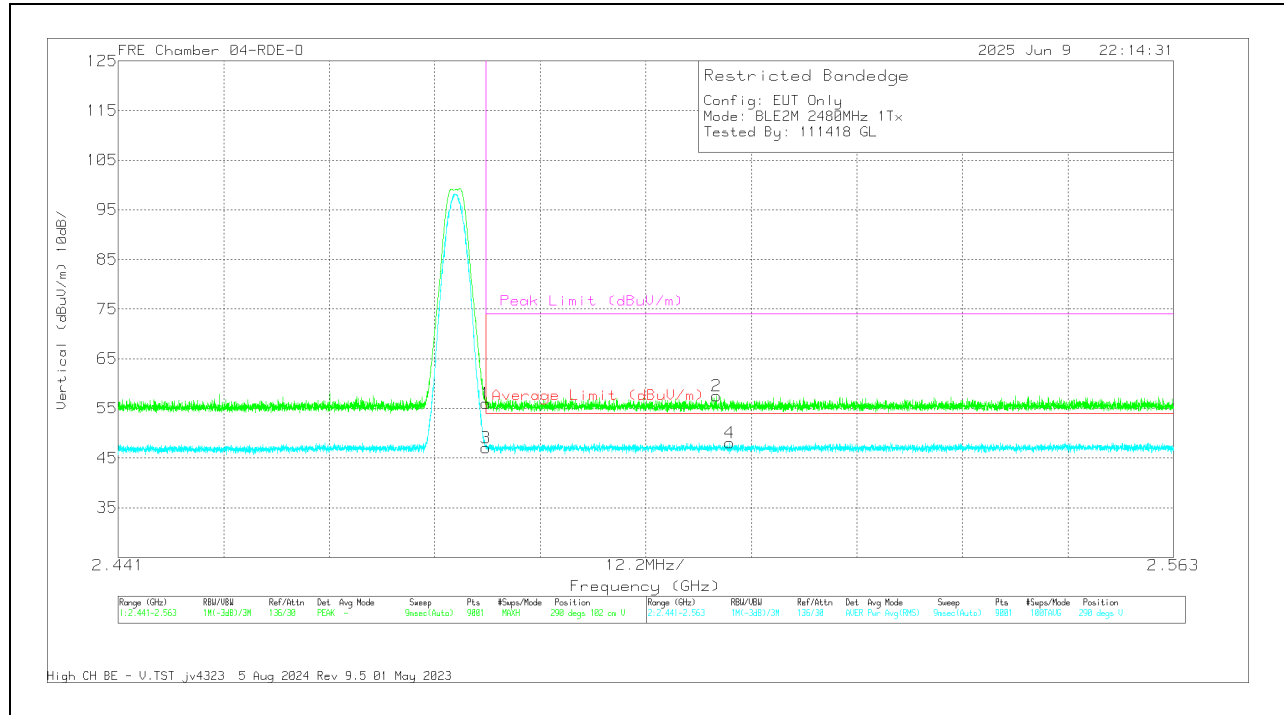
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	65.25	Pk	32.3	0	-36.91	60.64	-	-	74	-13.36	78	103	H
2	* 2.483512	64.86	Pk	32.3	0	-36.9	60.26	-	-	74	-13.74	78	103	H
3	* 2.4835	52.9	RMS	32.3	2.46	-36.91	50.75	54	-3.25	-	-	78	103	H
4	* 2.483525	52.87	RMS	32.3	2.46	-36.9	50.73	54	-3.27	-	-	78	103	H

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

Pk - Peak detector

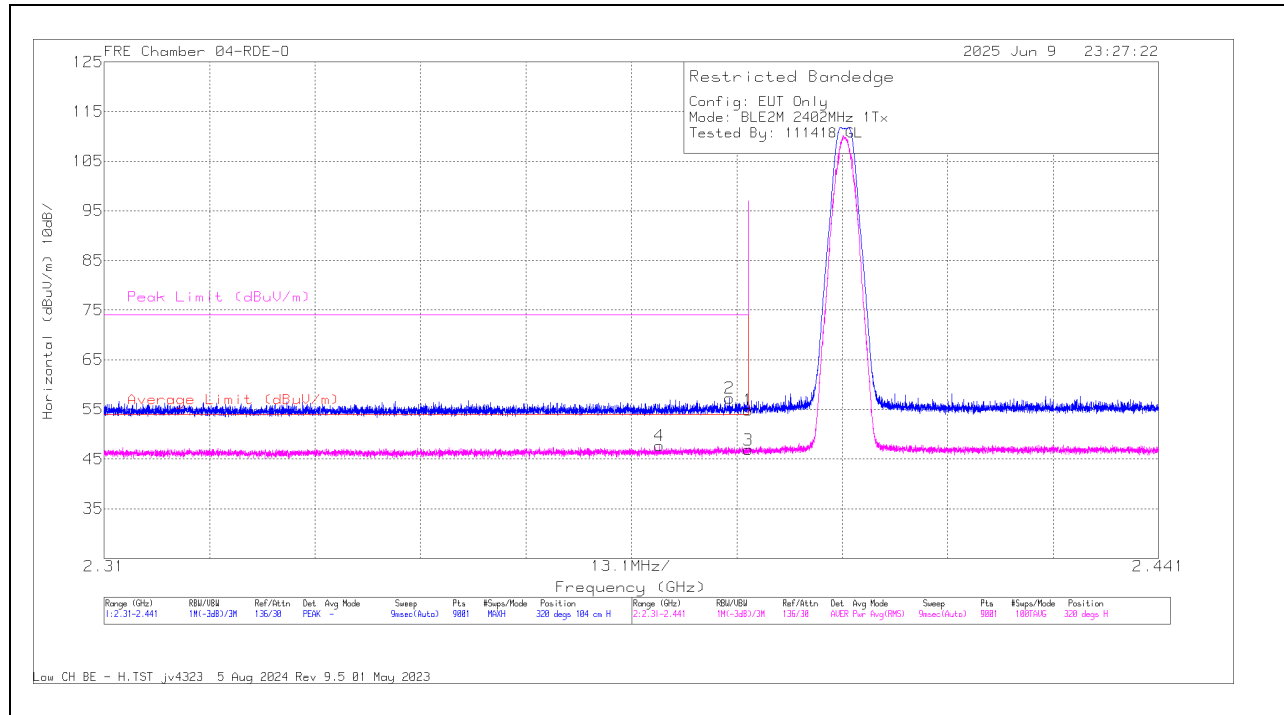
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBm)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.61	PK	32.3	0	-36.91	56	-	-	74	-18	290	102	V
3	* 2.4835	49.18	RMS	32.3	2.46	-36.91	47.03	54	-6.97	-	-	290	102	V
2	2.510149	62.01	PK	32.4	0	-36.88	57.53	-	-	74	-16.47	290	102	V
4	2.511685	50.14	RMS	32.4	2.46	-36.89	48.11	54	-5.89	-	-	290	102	V

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

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

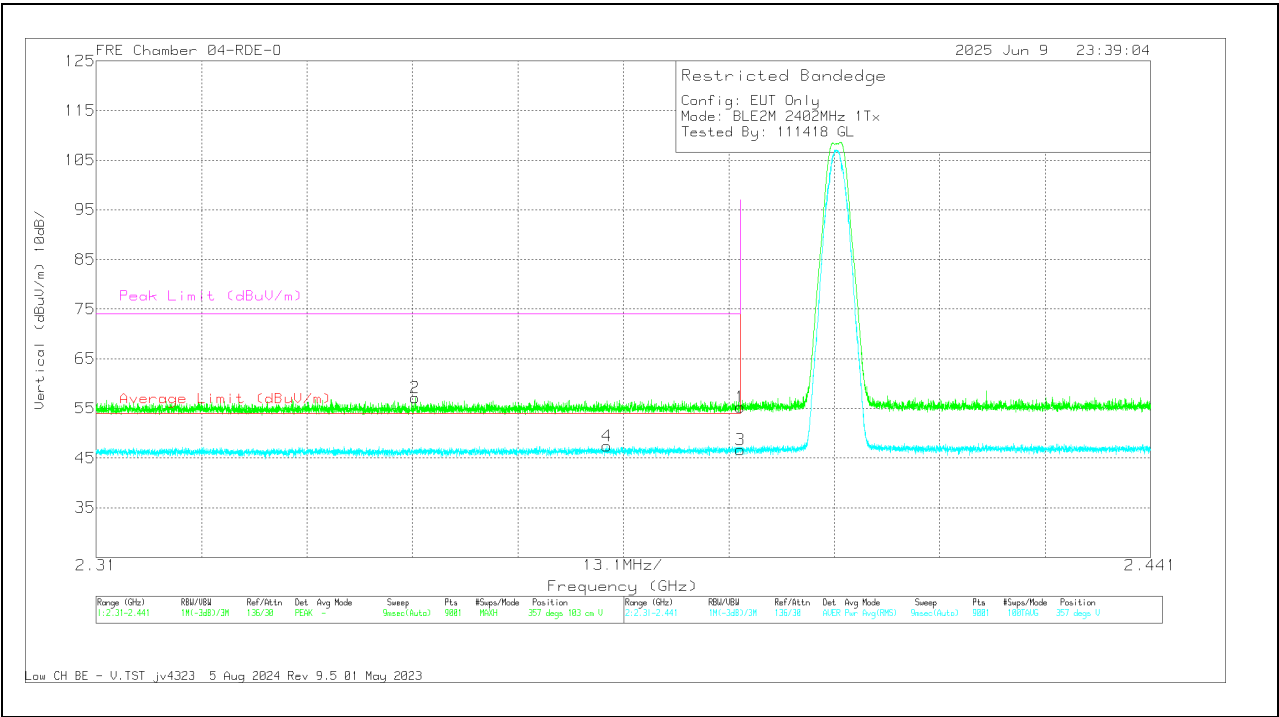
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	59.84	Pk	32.1	0	-37.08	54.86	-	-	74	-19.14	320	104	H
2	* 2.37685	62.25	Pk	32.1	0	-37.09	57.26	-	-	74	-16.74	320	104	H
3	* 2.39	49.38	RMS	32.1	2.46	-37.06	46.86	54	-7.14	-	-	320	104	H
4	* 2.37895	50.36	RMS	32	2.46	-37.13	47.69	54	-6.31	-	-	320	104	H

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

Pk - Peak detector

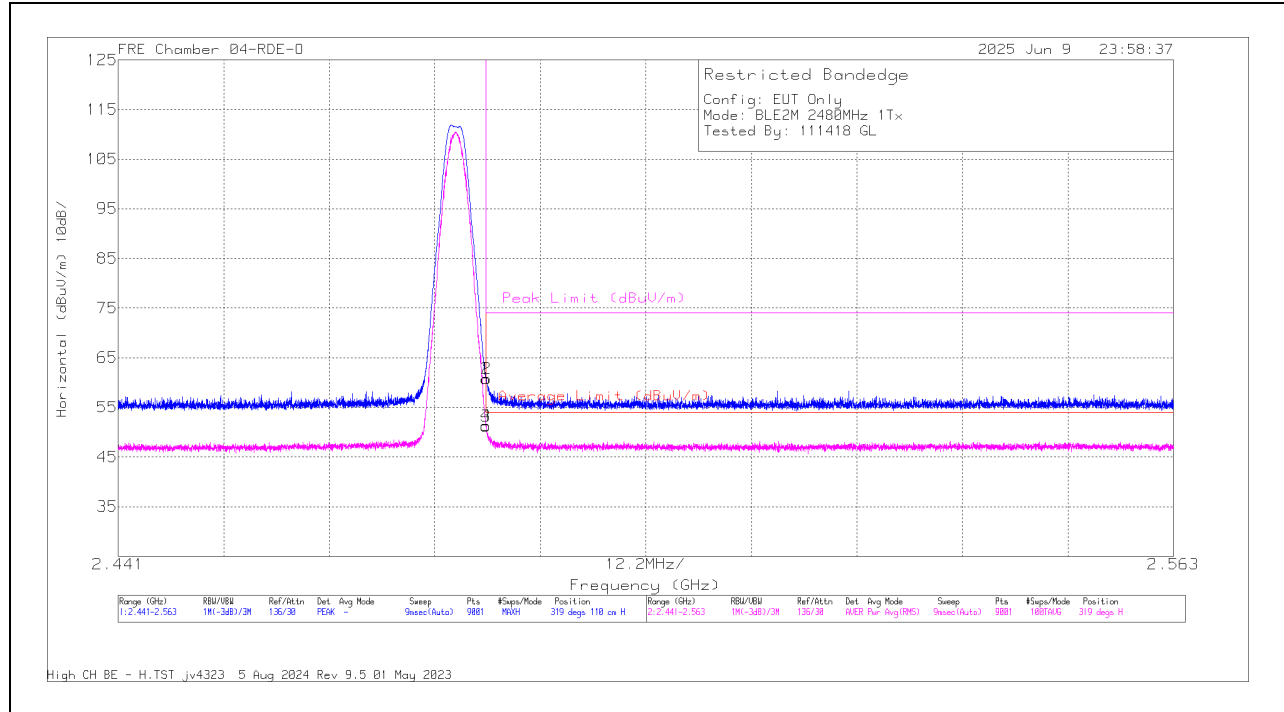
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	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	60.25	Pk	32.1	0	-37.08	55.27	-	-	74	-18.73	357	103	V
2	* 2.349621	62.45	Pk	31.8	0	-37.1	57.15	-	-	74	-16.85	357	103	V
3	* 2.39	49.19	RMS	32.1	2.46	-37.08	46.67	54	-7.33	-	-	357	103	V
4	* 2.373493	50.09	RMS	32	2.46	-37.09	47.46	54	-6.54	-	-	357	103	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

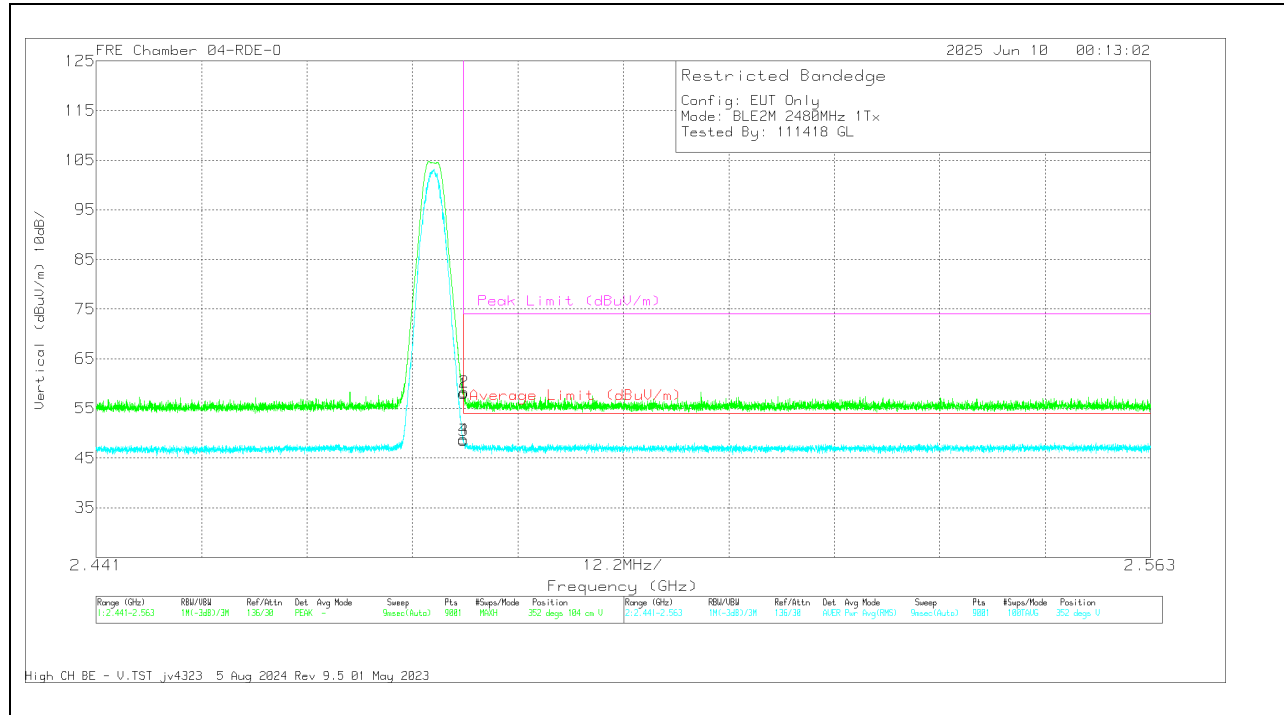
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	65.34	Pk	32.3	0	-36.91	60.73	-	-	74	-13.27	319	110	H
2	* 2.483579	65.42	Pk	32.3	0	-36.9	60.82	-	-	74	-13.18	319	110	H
3	* 2.4835	53.38	RMS	32.3	2.46	-36.91	51.23	54	-2.77	-	-	319	110	H
4	* 2.483512	53.47	RMS	32.3	2.46	-36.9	51.33	54	-2.67	-	-	319	110	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

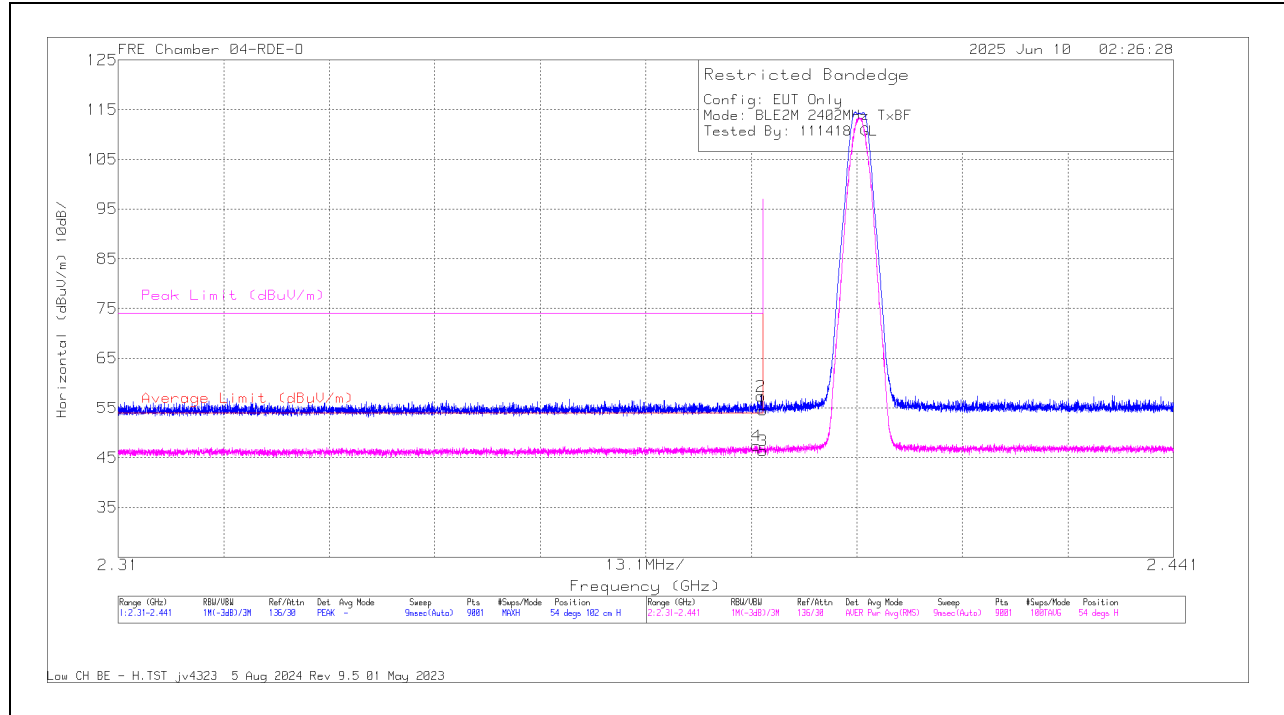


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	62.58	PK	32.3	0	-36.91	57.97	-	-	74	-16.03	352	104	V
2	* 2.483579	62.86	PK	32.3	0	-36.9	58.26	-	-	74	-15.74	352	104	V
3	* 2.4835	50.72	RMS	32.3	2.46	-36.91	48.57	54	-5.43	-	-	352	104	V
4	* 2.483525	50.9	RMS	32.3	2.46	-36.9	48.76	54	-5.24	-	-	352	104	V

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

PK - Peak detector

RMS - RMS detection

10.2.6. HIGH POWER BLE TXBF (2Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

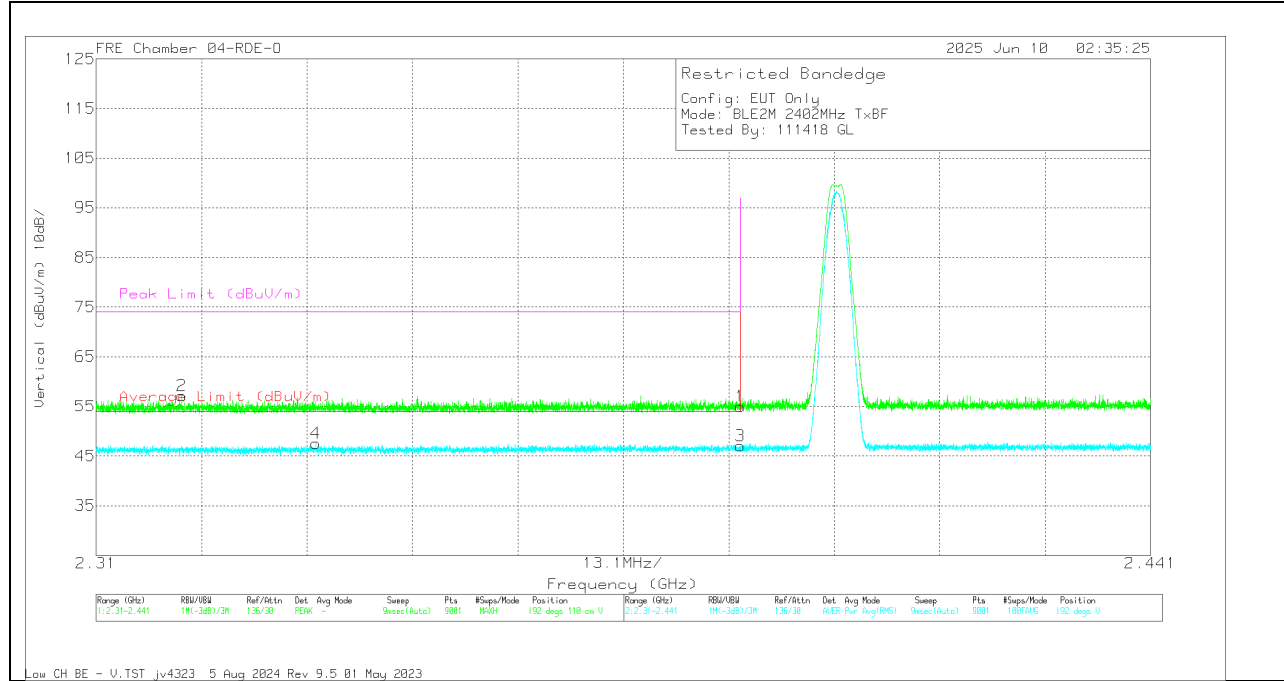
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	59.53	Pk	32.1	0	-37.08	54.55	-	-	74	-19.45	54	102	H
2	* 2.389767	62.31	Pk	32.1	0	-37.08	57.33	-	-	74	-16.67	54	102	H
3	* 2.39	48.88	RMS	32.1	2.46	-37.08	46.36	54	-7.64	-	-	54	102	H
4	* 2.389272	49.9	RMS	32.1	2.46	-37.08	47.38	54	-6.62	-	-	54	102	H

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

Pk - Peak detector

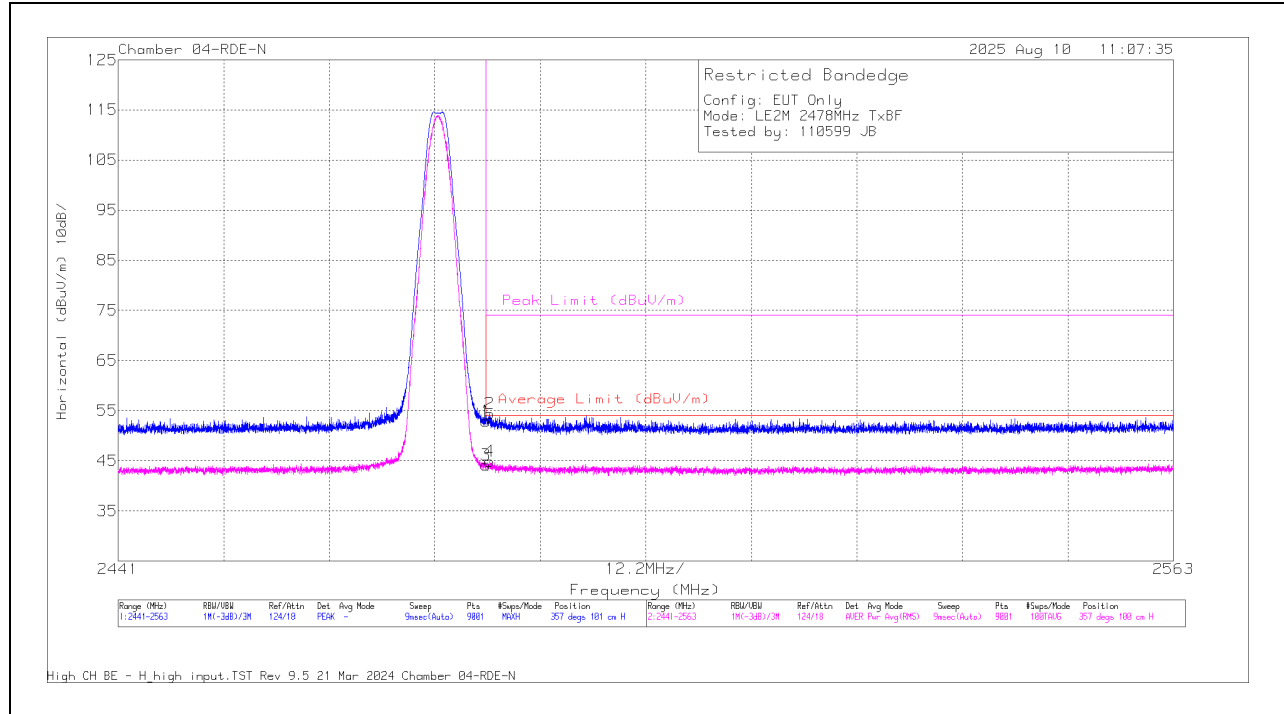
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV/m)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	* 2.39	59.95	Pk	32.1	0	-37.08	54.97	-	-	74	-19.03	192	110	V
2	* 2.320626	62.38	Pk	31.8	0	-37.01	57.17	-	-	74	-16.83	192	110	V
3	* 2.39	49.61	RMS	32.1	2.46	-37.08	47.09	54	-6.91	-	-	192	110	V
4	* 2.337278	50.26	RMS	31.8	2.46	-36.96	47.56	54	-6.44	-	-	192	110	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

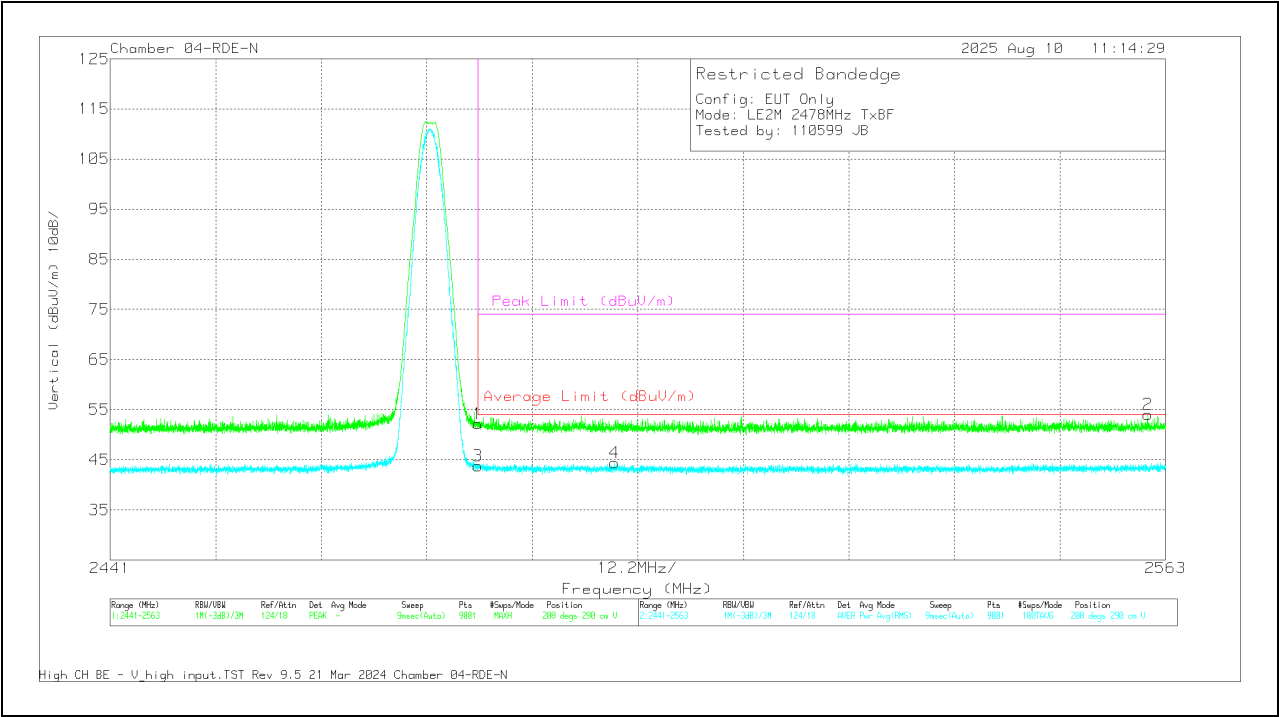
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2483.5	46.96	Pk	32.4	0	-26.42	52.94	-	-	74	-21.06	357	101	H
2	* 2483.918	48.44	Pk	32.4	0	-26.43	54.41	-	-	74	-19.59	357	101	H
3	* 2483.5	35.73	RMS	32.4	2.46	-26.42	44.17	54	-9.83	-	-	357	100	H
4	* 2483.973	36.44	RMS	32.4	2.46	-26.43	44.87	54	-9.13	-	-	357	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	41112 ACF (dBm)	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	* 2483.5	46.23	Pk	32.4	0	-26.42	52.21	-	-	74	-21.79	208	290	V
3	* 2483.5	35.28	RMS	32.4	2.46	-26.42	43.72	54	-10.28	-	-	208	290	V
4	* 2499.304	35.95	RMS	32.4	2.46	-26.38	44.43	54	-9.57	-	-	208	290	V
2	2560.943	47.9	Pk	32.4	0	-26.22	54.08	-	-	74	-19.92	208	290	V

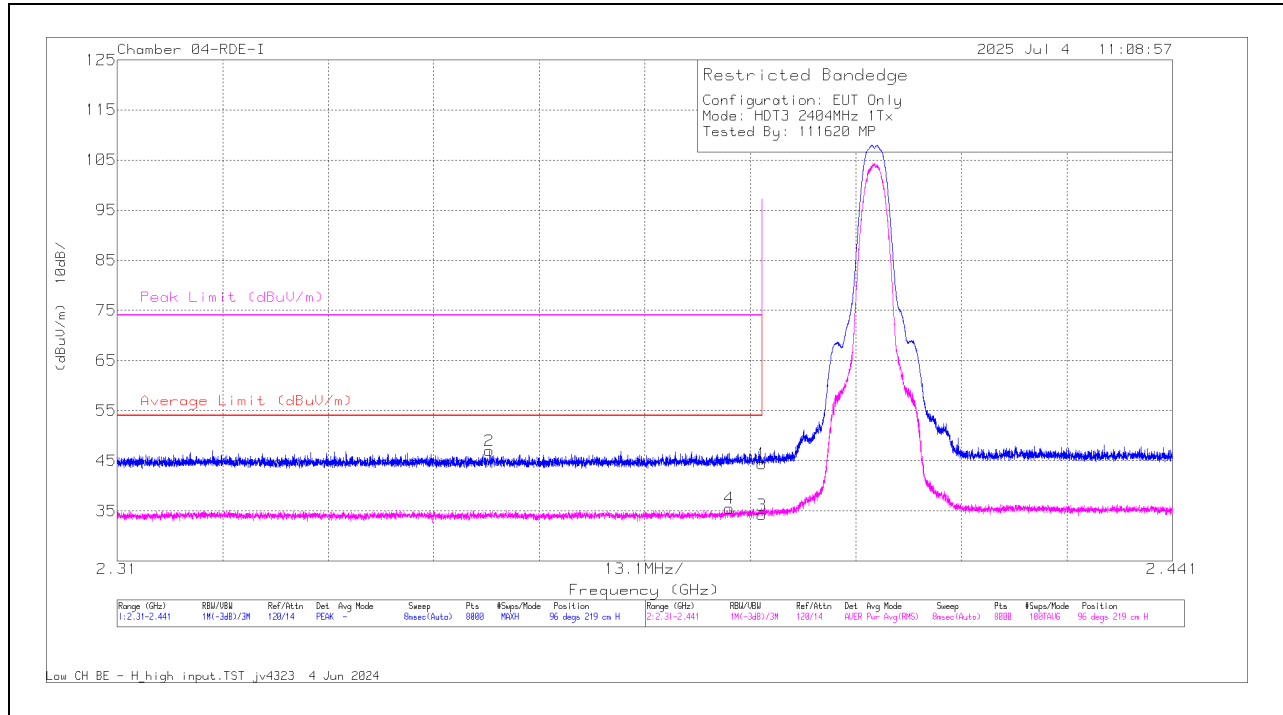
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
RMS - RMS detection

10.2.7. HIGH POWER BLE (HDT3)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



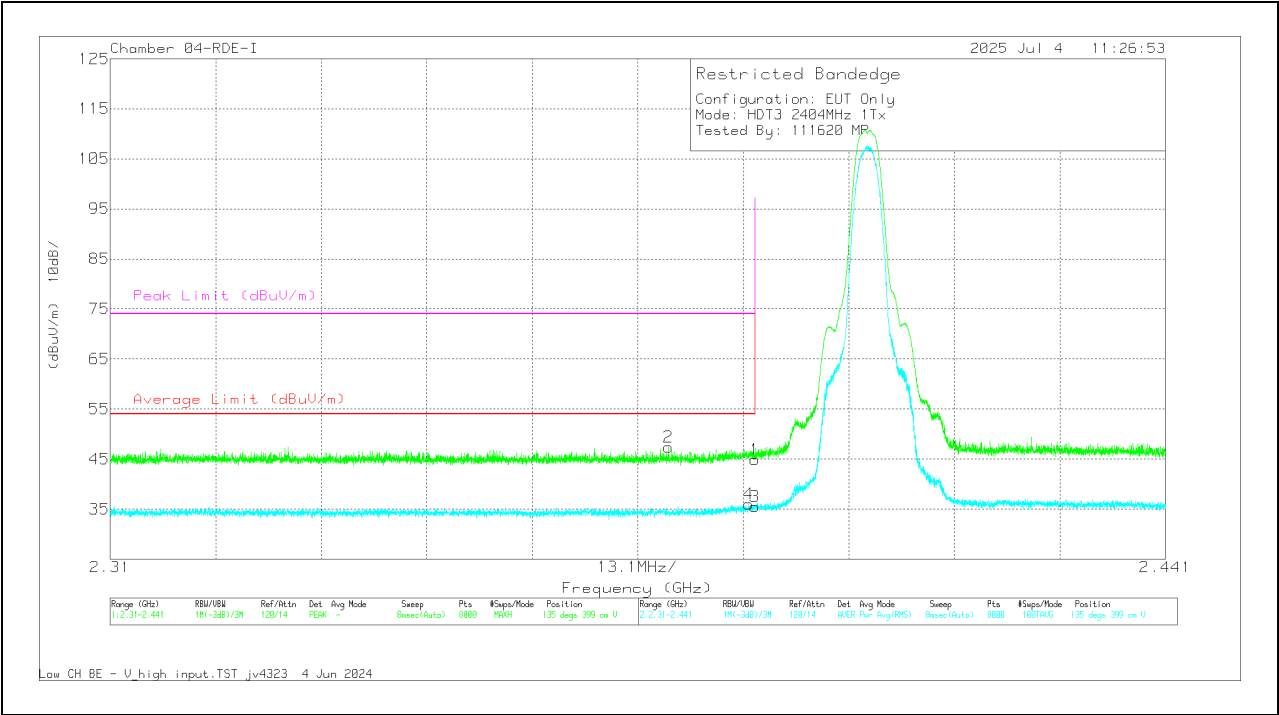
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.13	Pk	31.8	-29.5	0	44.43	-	-	74	-29.57	96	219	H
2	* 2.3562	44.67	Pk	31.7	-29.4	0	46.97	-	-	74	-27.03	96	219	H
3	* 2.39	31.66	RMS	31.8	-29.5	23	34.19	54	-19.81	-	-	96	219	H
4	* 2.386006	32.94	RMS	31.8	-29.5	23	35.47	54	-18.53	-	-	96	219	H

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

Pk - Peak detector

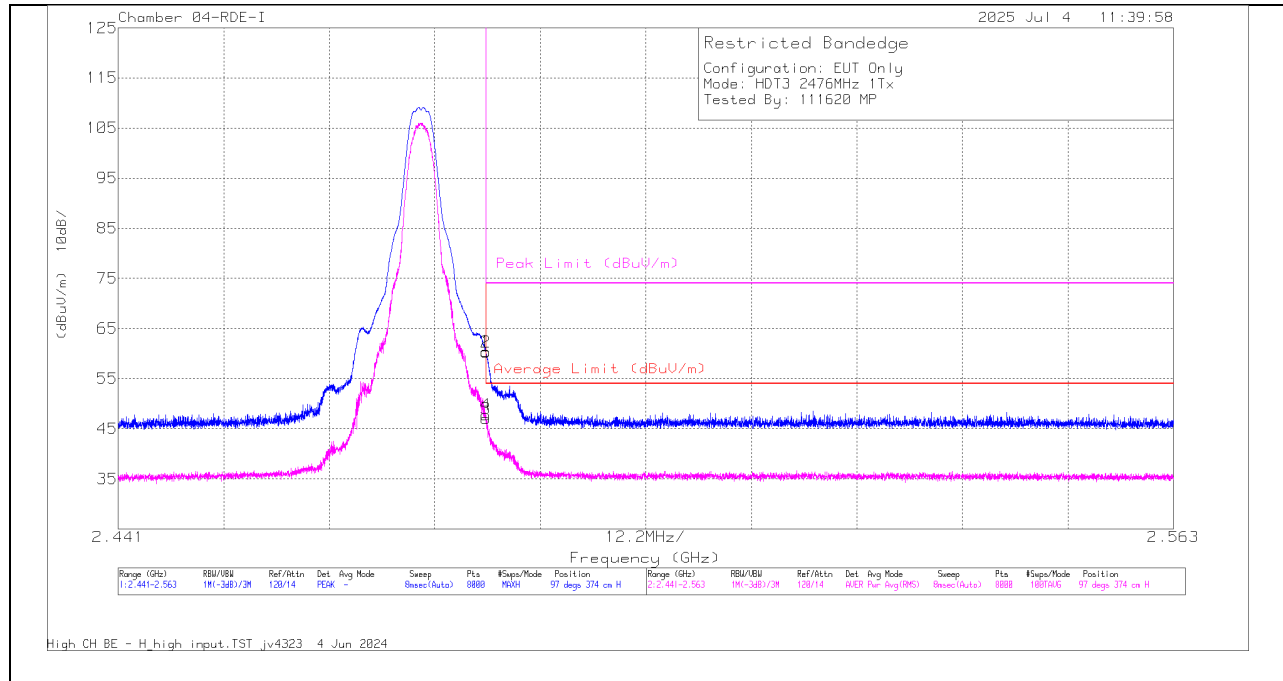
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (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	42.61	Pk	31.8	-29.5	0	44.91	-	-	74	-29.09	135	399	V
2	* 2.379291	45.22	Pk	31.7	-29.5	0	47.42	-	-	74	-26.58	135	399	V
3	* 2.39	33	RMS	31.8	-29.5	23	35.53	54	-18.47	-	-	135	399	V
4	* 2.389248	33.52	RMS	31.8	-29.5	23	36.05	54	-17.95	-	-	135	399	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

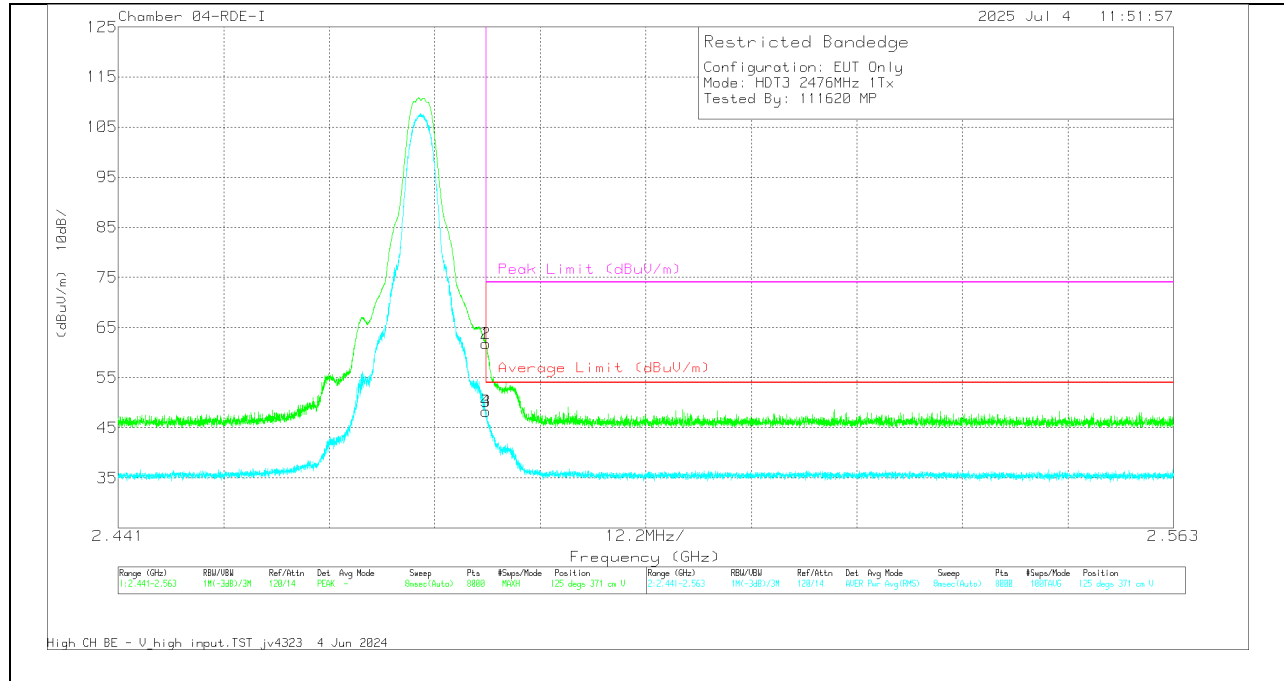
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	57.6	Pk	32.3	-29.5	0	60.4	-	-	74	-13.6	97	374	H
2	* 2.483507	57.49	Pk	32.3	-29.5	0	60.29	-	-	74	-13.71	97	374	H
3	* 2.4835	44	RMS	32.3	-29.5	.23	47.03	54	-6.97	-	-	97	374	H
4	* 2.483523	44.73	RMS	32.3	-29.5	.23	47.76	54	-6.24	-	-	97	374	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

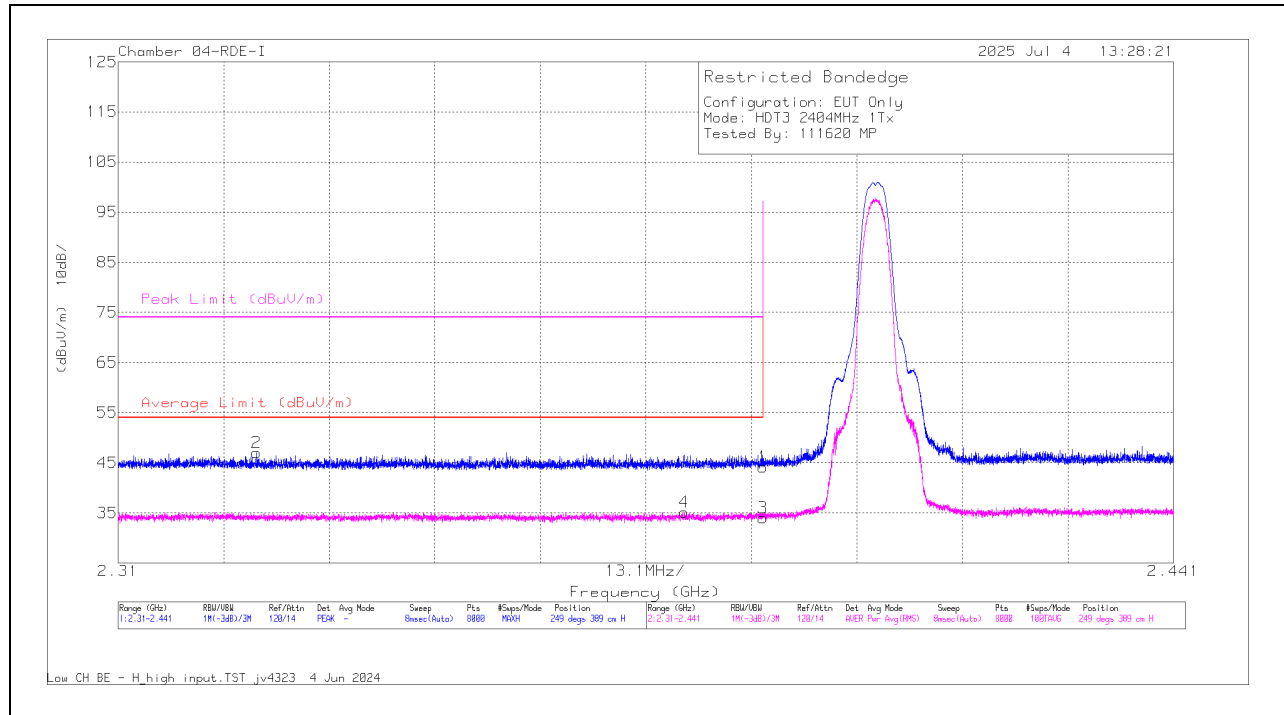


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	58.98	Pk	32.3	-29.5	0	61.78	-	-	74	-12.22	125	371	V
2	* 2.483507	59	Pk	32.3	-29.5	0	61.8	-	-	74	-12.2	125	371	V
3	* 2.4835	45.21	RMS	32.3	-29.5	23	48.24	54	-5.76	-	-	125	371	V
4	* 2.483538	45.23	RMS	32.3	-29.5	23	48.26	54	-5.74	-	-	125	371	V

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

Pk - Peak detector

RMS - RMS detection

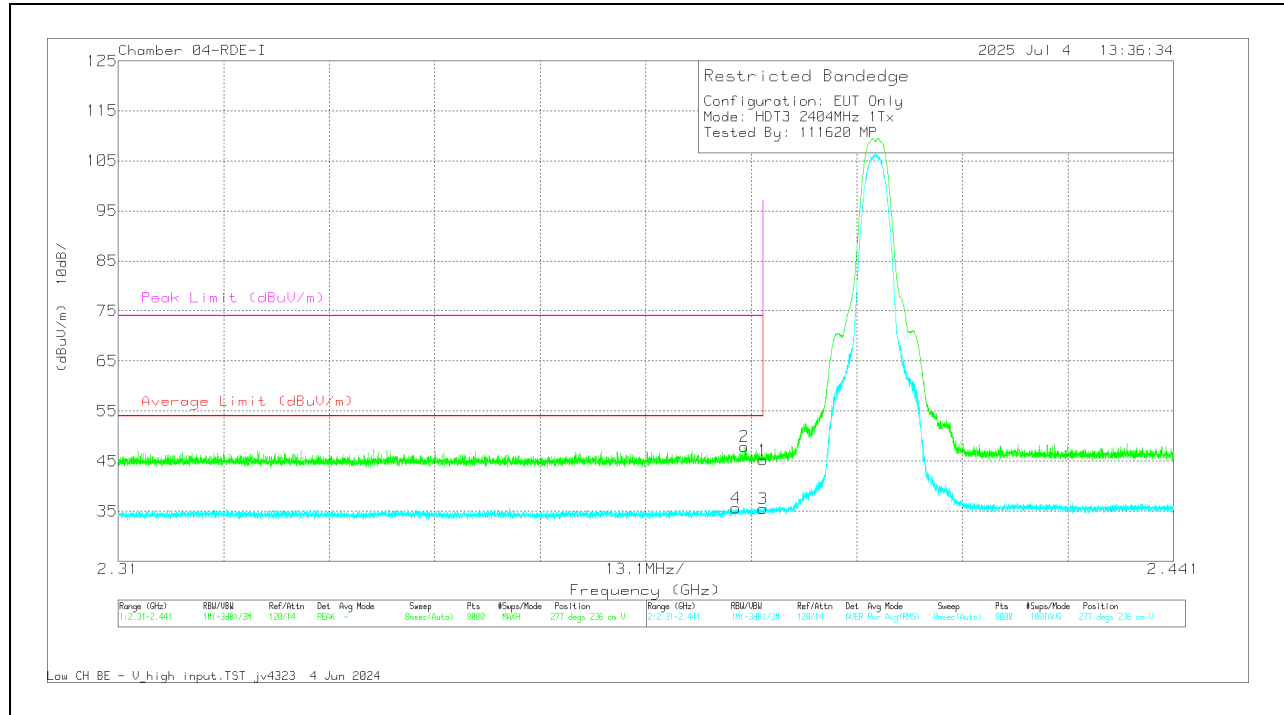
ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

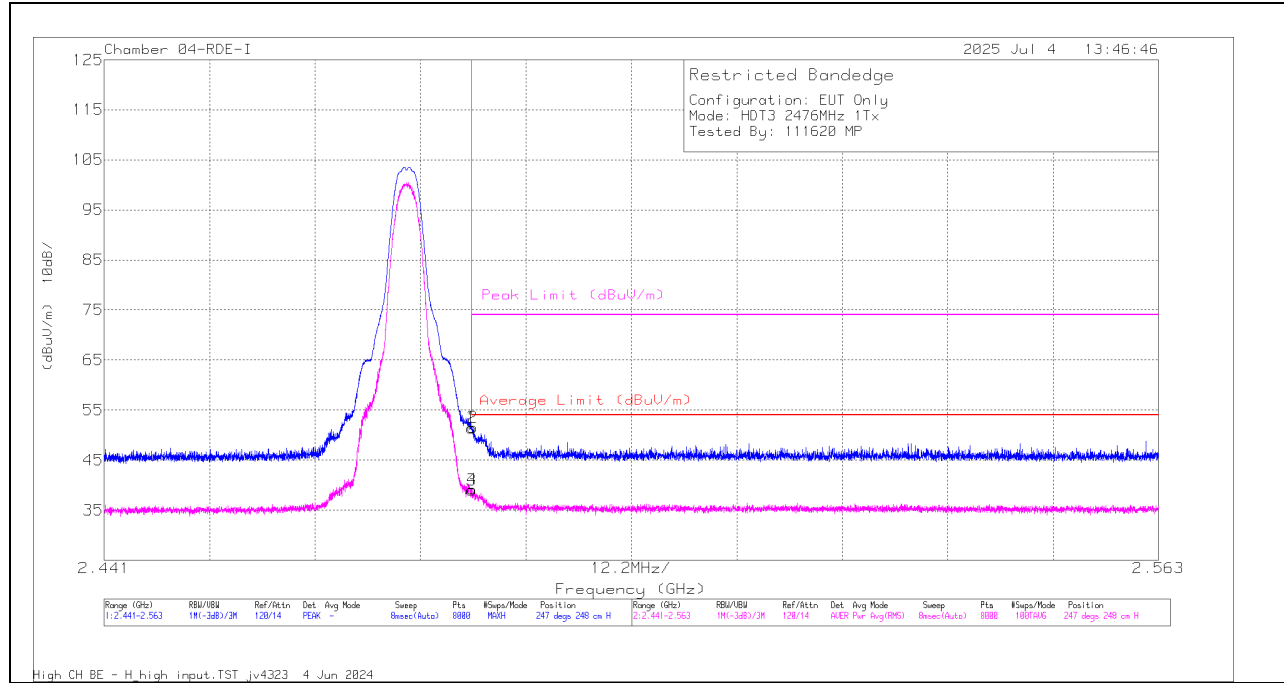


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.9	Pk	31.8	-29.5	0	45.2	-	-	74	-28.8	277	236	V
2	* 2.387742	45.58	Pk	31.8	-29.5	0	47.88	-	-	74	-26.12	277	236	V
3	* 2.39	32.93	RMS	31.8	-29.5	.23	35.46	54	-18.54	-	-	277	236	V
4	* 2.38671	33.22	RMS	31.8	-29.6	.23	35.65	54	-18.35	-	-	277	236	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

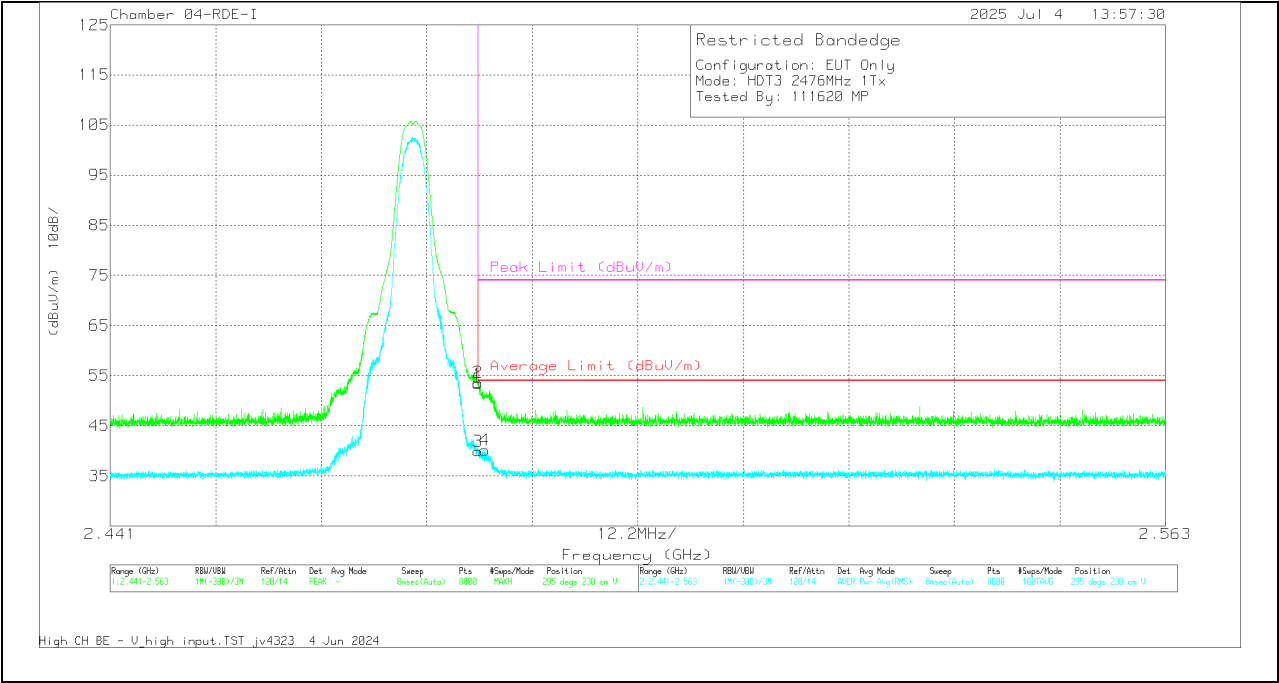
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	48.58	Pk	32.3	-29.5	0	51.38	-	-	74	-22.62	247	248	H
2	* 2.483675	48.76	Pk	32.3	-29.5	0	51.56	-	-	74	-22.44	247	248	H
3	* 2.4835	35.99	RMS	32.3	-29.5	-23	39.02	54	-14.98	-	-	247	248	H
4	* 2.483599	36.16	RMS	32.3	-29.5	-23	39.19	54	-14.81	-	-	247	248	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



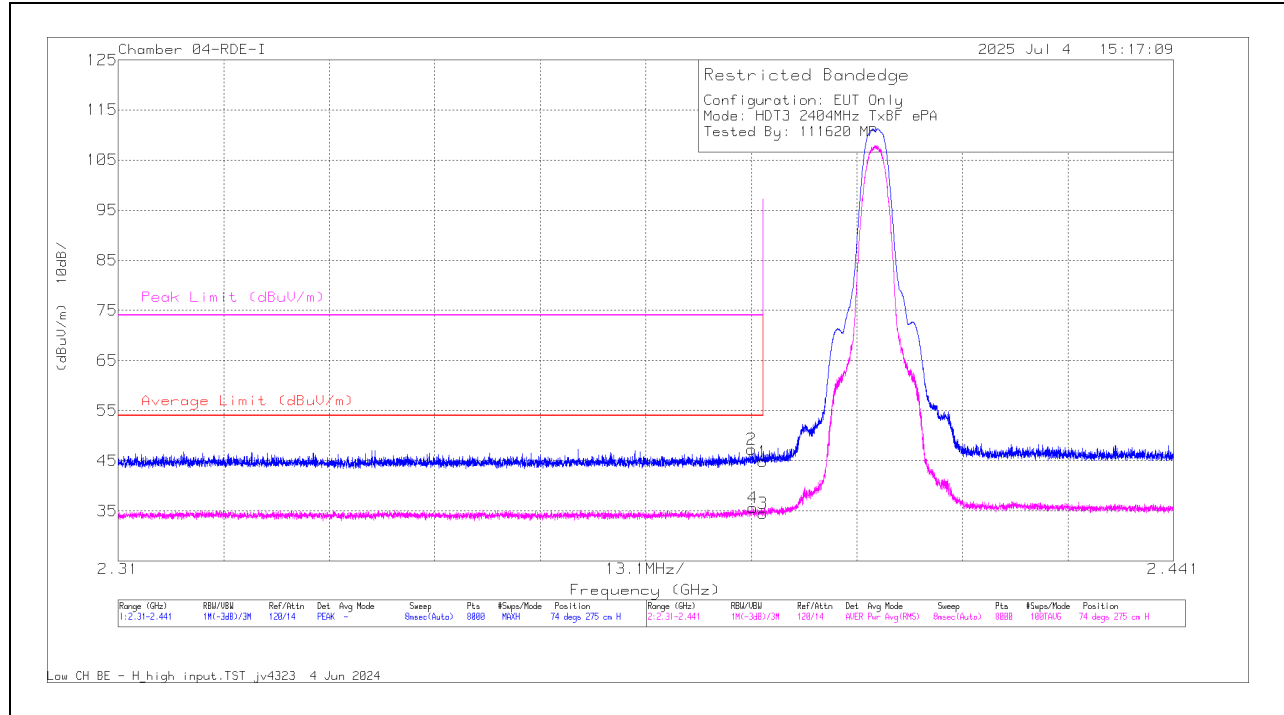
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	50.54	Pk	32.3	-29.5	0	53.34	-	-	74	-20.66	295	230	V
2	* 2.483507	50.86	Pk	32.3	-29.5	0	53.66	-	-	74	-20.34	295	230	V
3	* 2.4835	36.91	RMS	32.3	-29.5	23	39.94	54	-14.06	-	-	295	230	V
4	* 2.484316	37.12	RMS	32.3	-29.5	23	40.15	54	-13.85	-	-	295	230	V

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

10.2.8. HIGH POWER BLE TXBF (HDT3)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



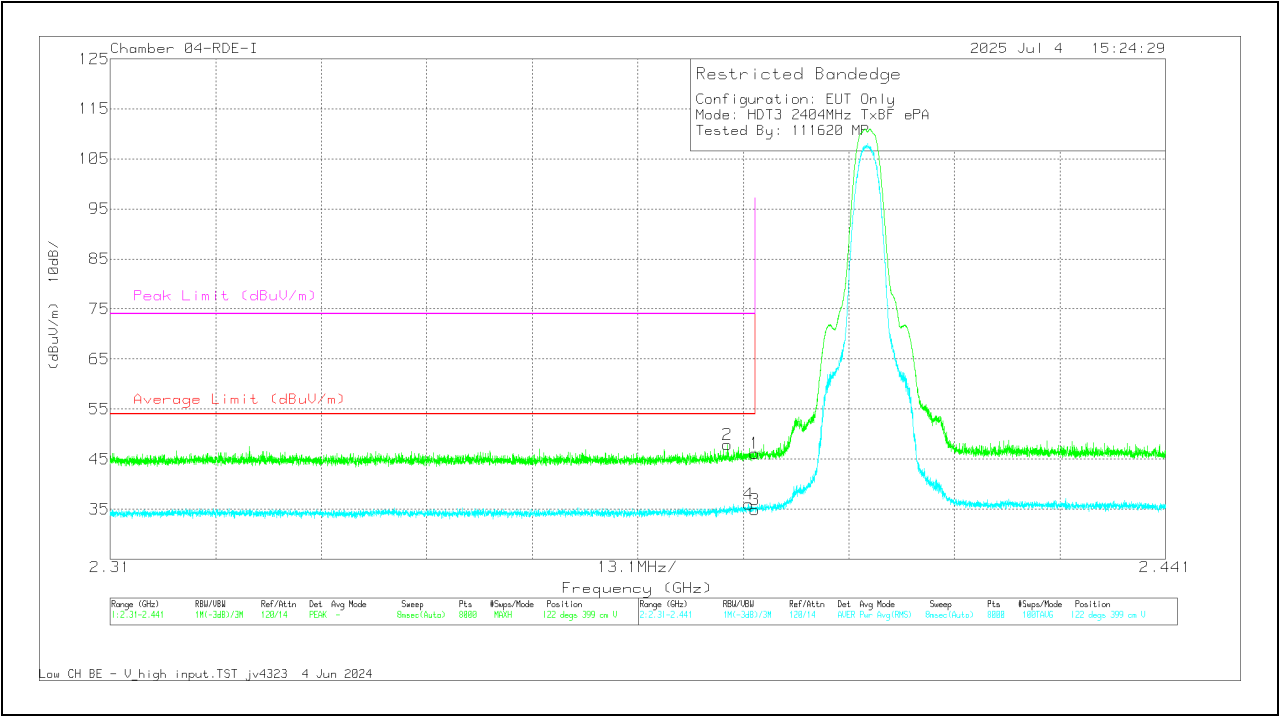
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.53	Pk	31.8	-29.5	0	44.83	-	-	74	-29.17	74	275	H
2	* 2.388642	44.96	Pk	31.8	-29.5	0	47.26	-	-	74	-26.74	74	275	H
3	* 2.39	31.94	RMS	31.8	-29.5	.23	34.47	54	-19.53	-	-	74	275	H
4	* 2.38879	33.08	RMS	31.8	-29.5	.23	35.61	54	-18.39	-	-	74	275	H

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

Pk - Peak detector

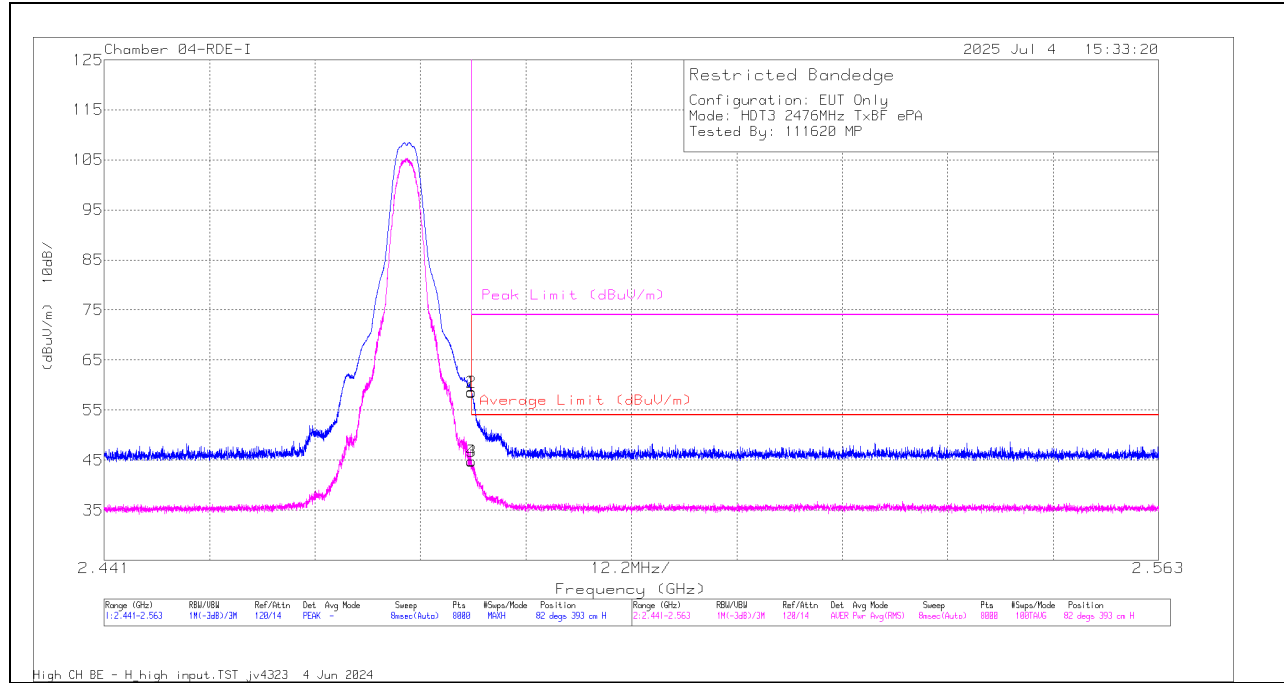
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (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	43.83	Pk	31.8	-29.5	0	46.13	-	-	74	-27.87	122	399	V
2	* 2.386644	45.7	Pk	31.8	-29.6	0	47.9	-	-	74	-26.1	122	399	V
3	* 2.39	32.38	RMS	31.8	-29.5	.23	34.91	54	-19.09	-	-	122	399	V
4	* 2.389281	33.5	RMS	31.8	-29.5	.23	36.03	54	-17.97	-	-	122	399	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

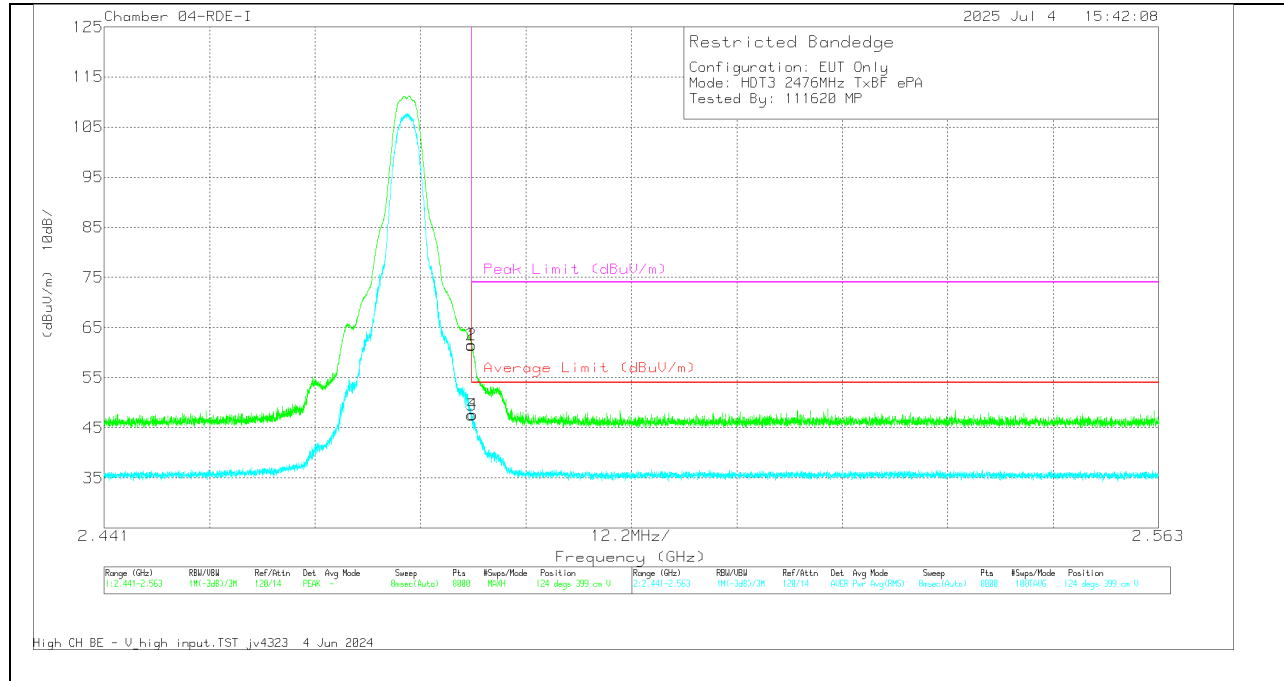
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	55.81	Pk	32.3	-29.5	0	58.51	-	-	74	-15.39	82	393	H
2	* 2.483507	55.75	Pk	32.3	-29.5	0	58.55	-	-	74	-15.45	82	393	H
3	* 2.4835	41.8	RMS	32.3	-29.5	23	44.83	54	-9.17	-	-	82	393	H
4	* 2.483507	41.71	RMS	32.3	-29.5	23	44.74	54	-9.26	-	-	82	393	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACI (dB/m)	Amp/Ch (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	58.64	PK	32.3	-29.5	0	61.44	-	-	74	-12.56	124	399	V
2	* 2.483523	58.73	PK	32.3	-29.5	0	61.53	-	-	74	-12.47	124	399	V
3	* 2.4835	44.49	RMS	32.3	-29.5	23	47.52	54	-6.48	-	-	124	399	V
4	* 2.483645	44.63	RMS	32.3	-29.5	23	47.66	54	-6.34	-	-	124	399	V

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

PK - Peak detector

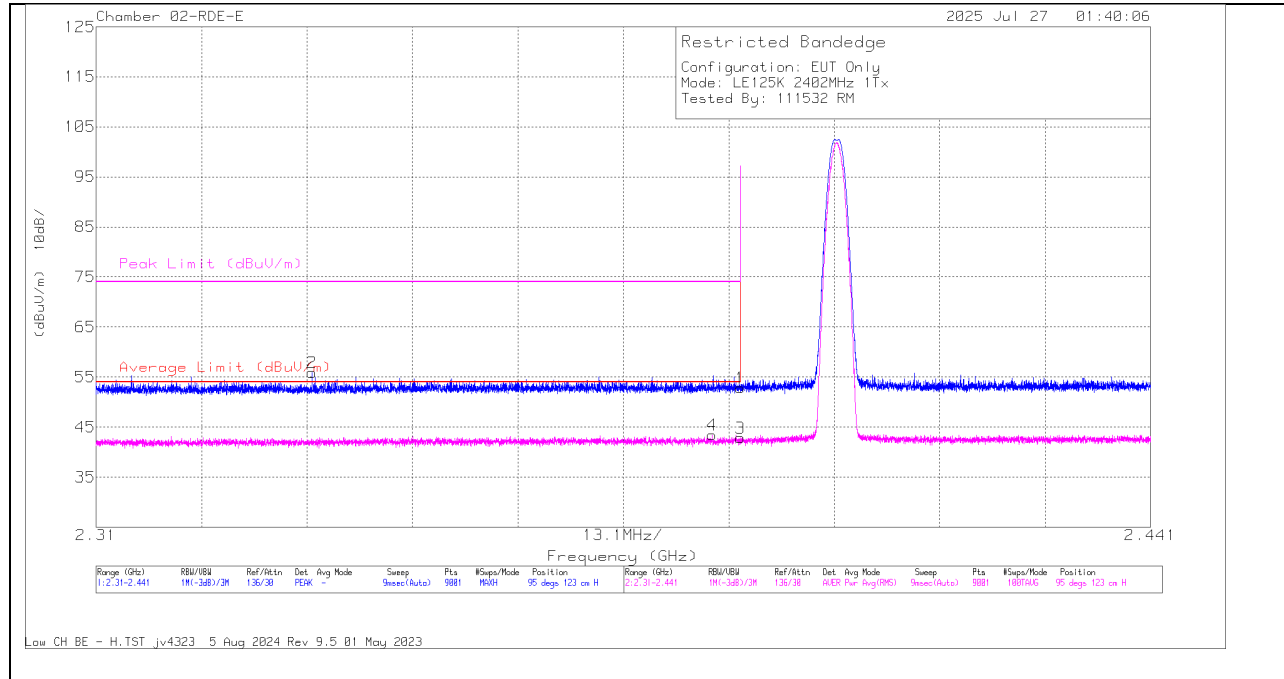
RMS - RMS detection

10.2.9. LOW POWER BLE (125kbps)

ANT 2

BANDEDGE (LOW CHANNEL)

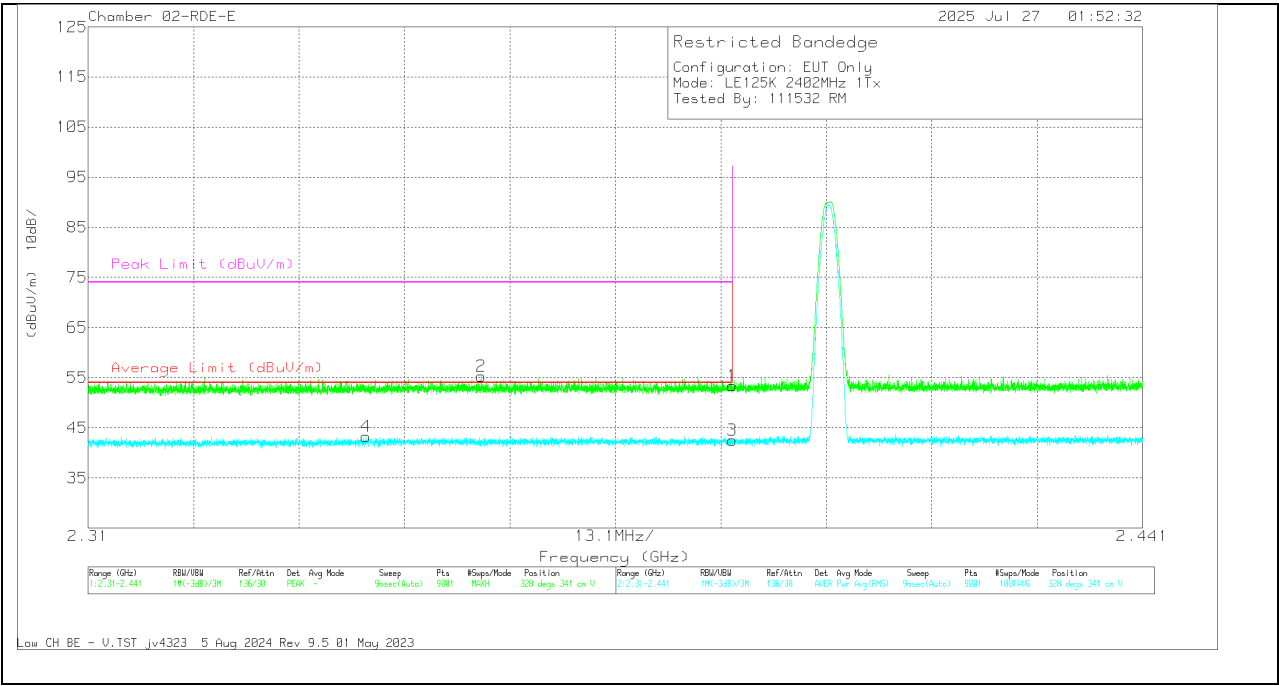
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	60.44	Pk	32.1	0	-39.7	52.84	-	-	74	-21.16	95	123	H
2	* 2.38827	63.69	Pk	31.9	0	-39.73	55.86	-	-	74	-18.14	95	123	H
3	* 2.39	50.32	RMS	32.1	.11	-39.7	42.83	54	-11.17	-	-	95	123	H
4	* 2.38655	50.95	RMS	32.1	.11	-39.71	43.45	54	-10.55	-	-	95	123	H

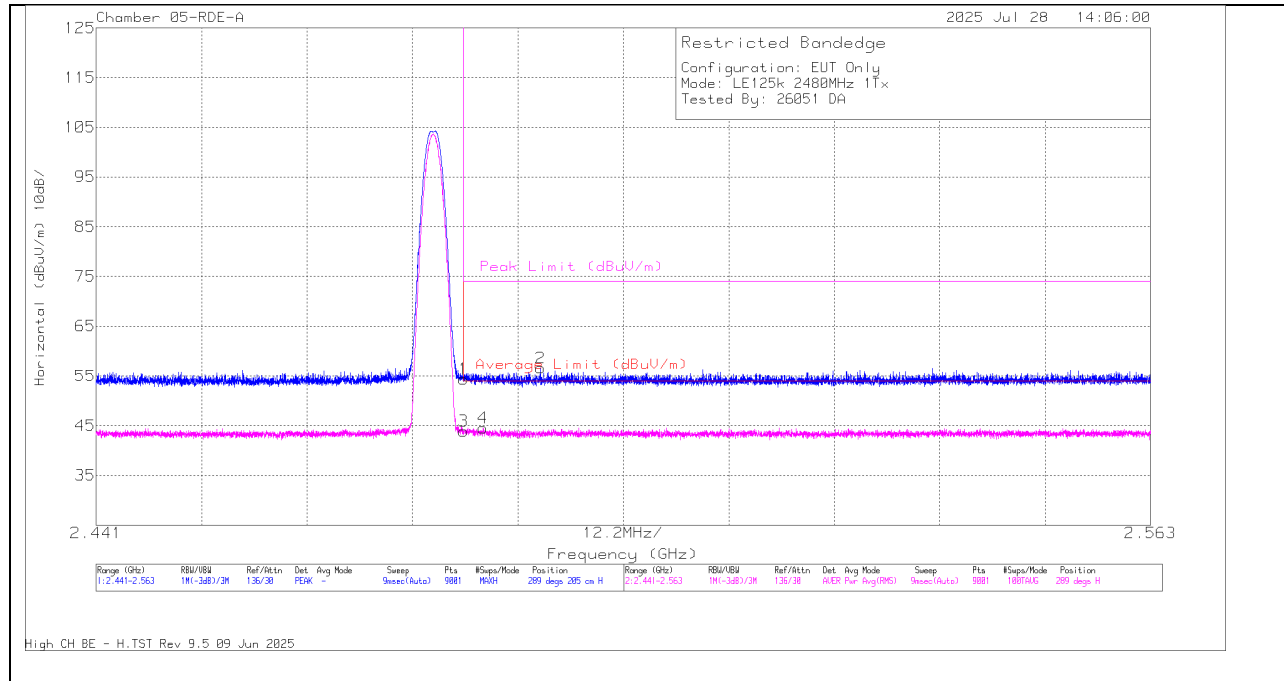
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	54796 ACF (dBm)	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	* 2.339	60.97	PK	32.1	0	-39.73	53.37	-	-	74	-20.63	328	341	V
2	* 2.35835	63.02	PK	32	0	-39.73	55.29	-	-	74	-18.71	328	341	V
3	* 2.339	49.98	RMS	32.1	.11	-39.72	42.49	54	-11.51	-	-	328	341	V
4	* 2.344512	50.85	RMS	32	.11	-39.72	43.24	54	-10.76	-	-	328	341	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

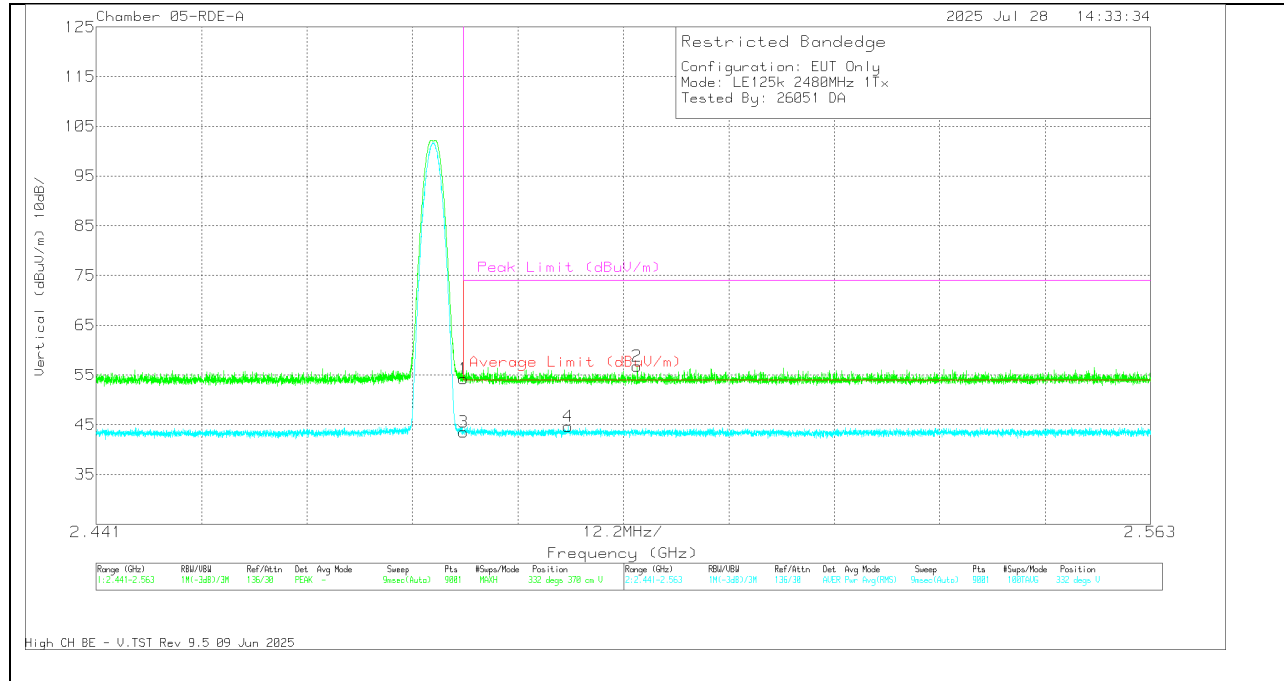
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.06	PK	32.7	0	-39.4	54.38	-	-	74	-19.62	289	205	H
2	* 2.492416	63.34	PK	32.7	0	-39.46	56.58	-	-	74	-17.42	289	205	H
3	* 2.4835	50.45	RMS	32.7	.11	-39.4	43.86	54	-10.14	-	-	289	205	H
4	* 2.485762	51.16	RMS	32.7	.11	-39.4	44.57	54	-9.43	-	-	289	205	H

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

PK - Peak detector

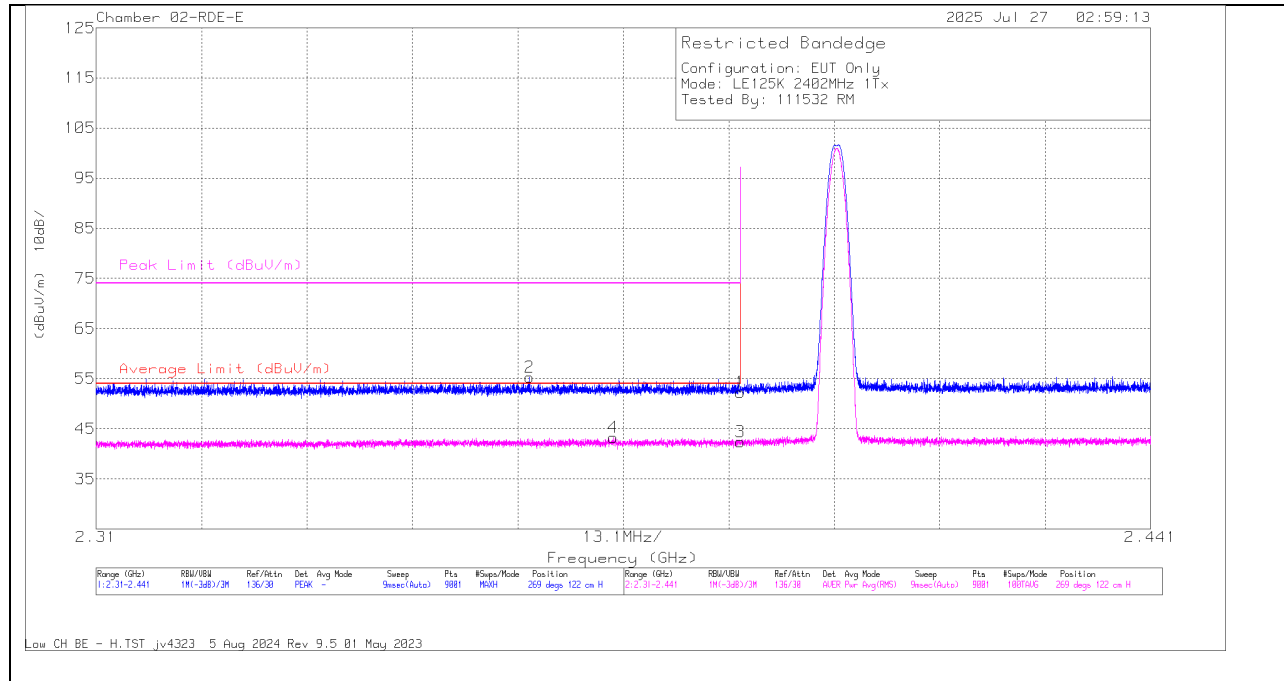
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dBm)	DOCF (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	60.94	PK	32.7	0	-39.4	54.24	-	-	74	-19.76	332	370	V
3	* 2.4835	50.08	RMS	32.7	.11	-39.4	43.49	54	-10.51	-	-	332	370	V
4	* 2.495617	51.1	RMS	32.8	.11	-39.4	44.61	54	-9.39	-	-	332	370	V
2	2.503602	63.33	PK	32.8	0	-39.4	56.73	-	-	74	-17.27	332	370	V

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

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

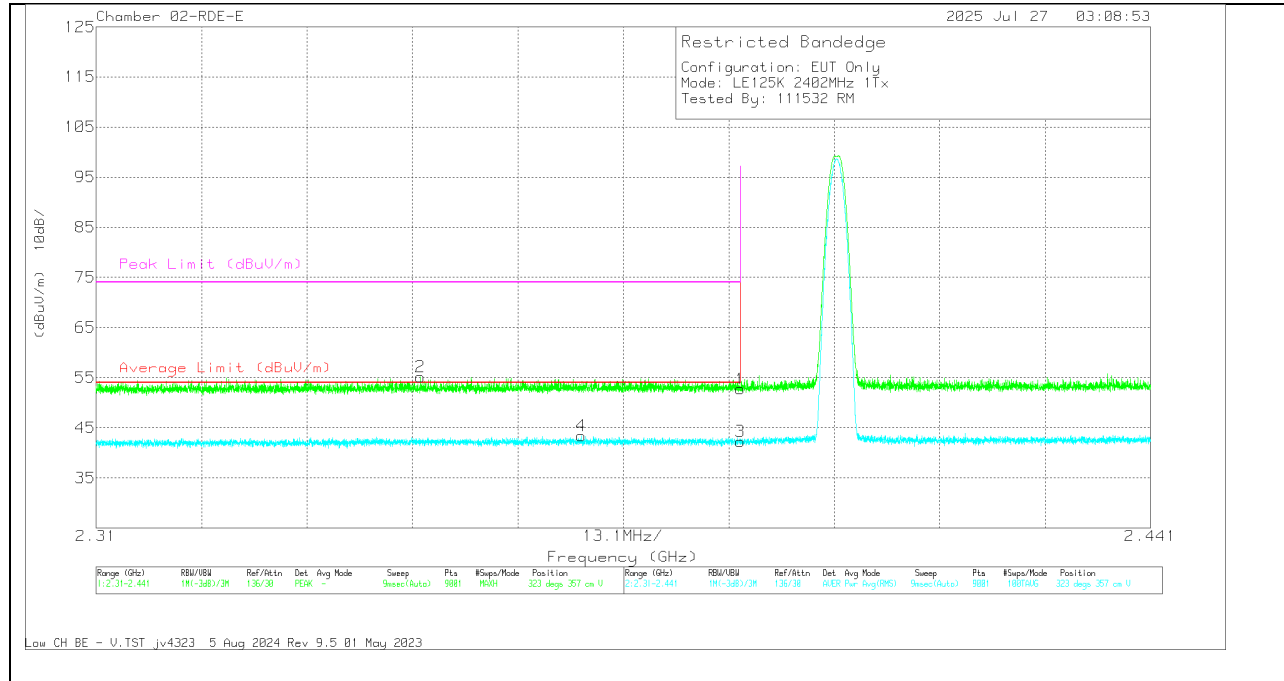
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.91	Pk	32.1	0	-39.7	52.31	-	-	74	-21.69	269	122	H
2	* 2.363857	62.98	Pk	32	0	-39.7	55.28	-	-	74	-18.72	269	122	H
3	* 2.39	49.87	RMS	32.1	.11	-39.7	42.38	54	-11.62	-	-	269	122	H
4	* 2.374207	50.83	RMS	32.1	.11	-39.72	43.32	54	-10.68	-	-	269	122	H

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

Pk - Peak detector

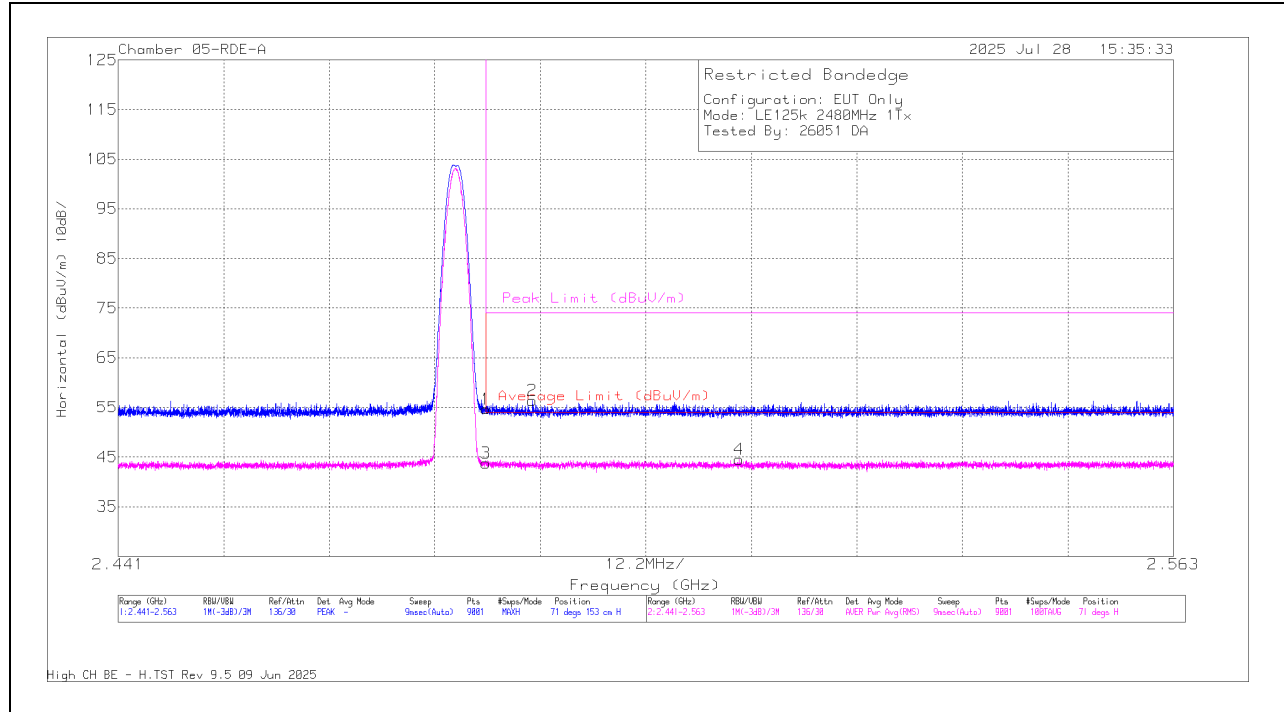
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCGF (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	60.33	Pk	32.1	0	-39.7	52.73	-	-	74	-21.27	323	357	V
2	* 2.350306	62.87	Pk	32	0	-39.69	55.18	-	-	74	-18.82	323	357	V
3	* 2.39	49.81	RMS	32.1	11	-39.7	42.32	54	-11.68	-	-	323	357	V
4	* 2.370262	50.87	RMS	32.1	11	-39.7	43.38	54	-10.62	-	-	323	357	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

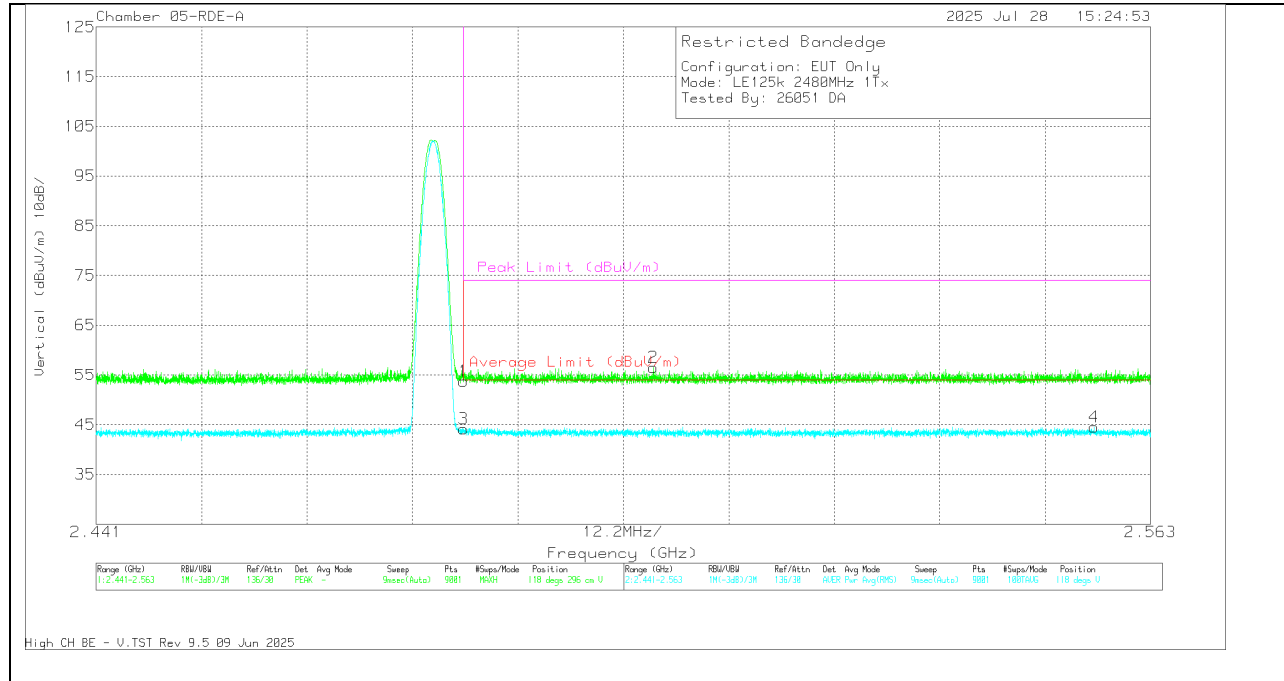
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.38	Pk	32.7	0	-39.4	54.68	-	-	74	-19.32	71	153	H
2	* 2.488907	63.11	Pk	32.7	0	-39.4	56.41	-	-	74	-17.59	71	153	H
3	* 2.4835	50.41	RMS	32.7	.11	-39.4	43.82	54	-10.18	-	-	71	153	H
4	2.512806	50.93	RMS	32.8	.11	-39.3	44.54	54	-9.46	-	-	71	153	H

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

Pk - Peak detector

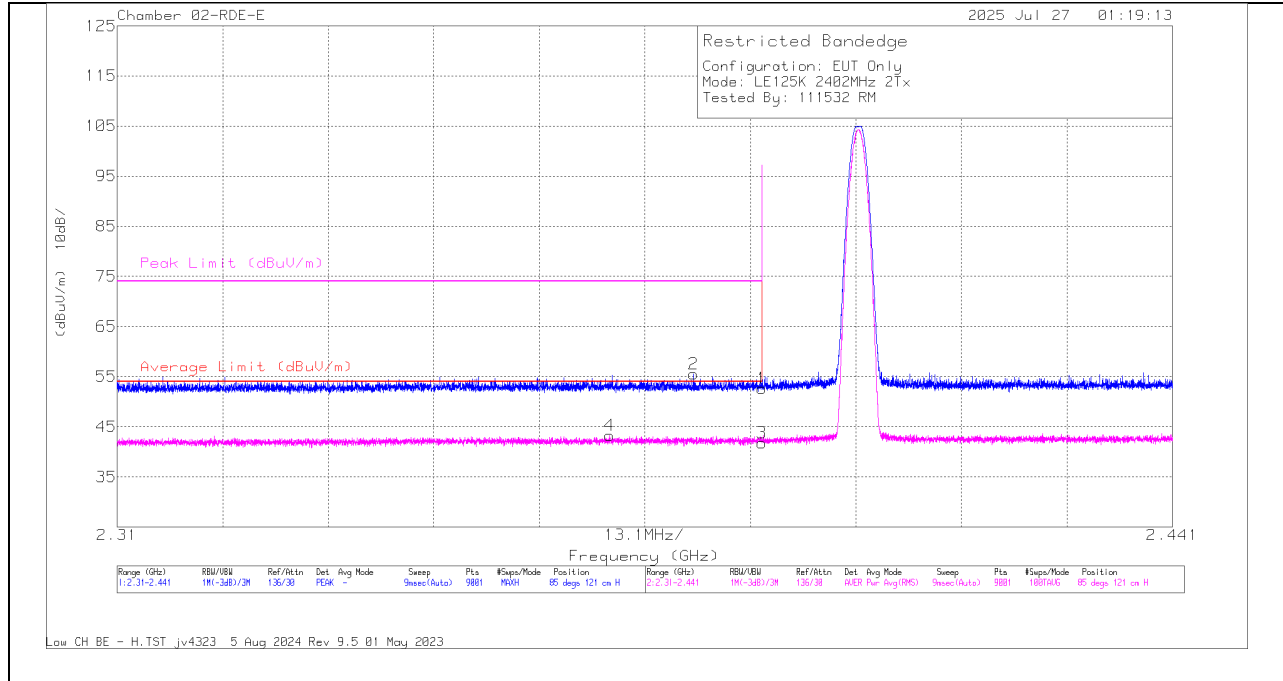
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACI (dBm)	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	60.44	PK	32.7	0	-39.4	53.74	-	-	74	-20.26	118	296	V
3	*2.4835	50.7	RMS	32.7	11	-39.4	44.11	54	-9.89	-	-	118	296	V
2	2.505499	63.09	PK	32.8	0	-39.35	56.54	-	-	74	-17.46	118	296	V
4	2.556456	50.96	RMS	32.8	11	-39.3	44.57	54	-9.43	-	-	118	296	V

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

10.2.10. LOW POWER BLE TXBF (125kbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

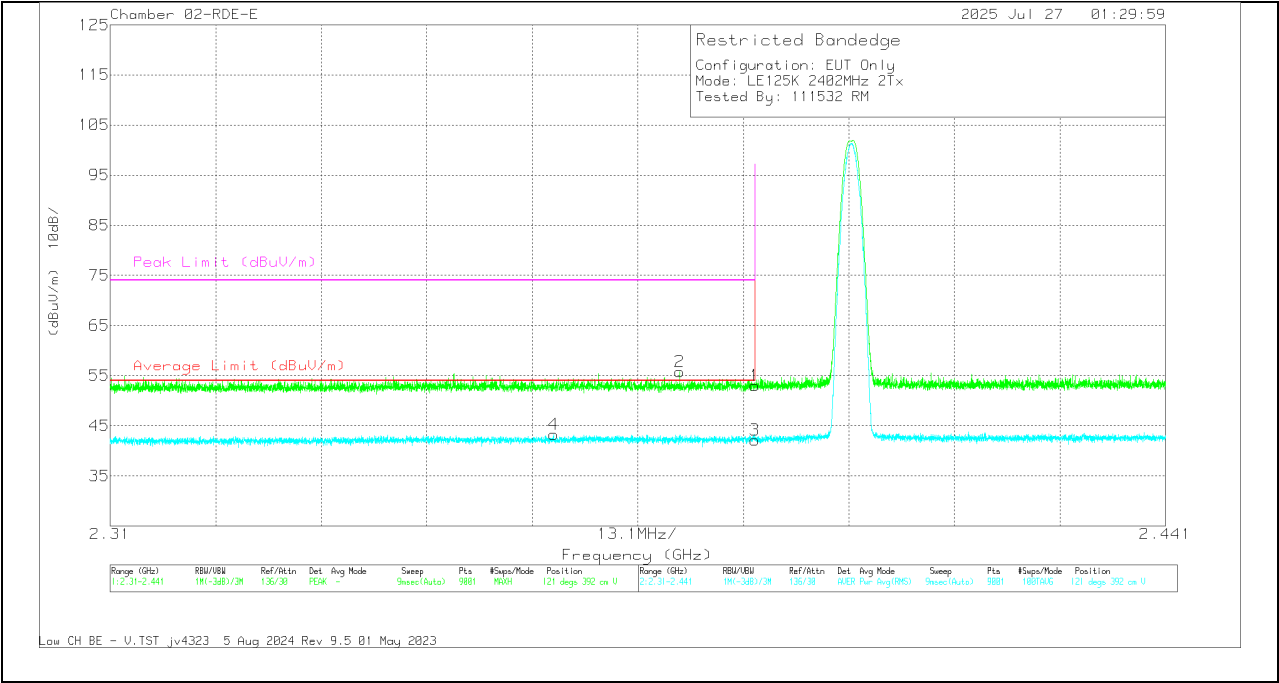
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	94796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	60.28	PK	32.1	0	-39.7	52.68	-	-	74	-21.32	85	121	H
2	* 2.381543	63.1	PK	32.1	0	-39.69	55.51	-	-	74	-18.49	85	121	H
3	* 2.39	49.28	RMS	32.1	.11	-39.7	41.79	54	-12.21	-	-	85	121	H
4	* 2.371121	50.82	RMS	32.1	.11	-39.71	43.32	54	-10.68	-	-	85	121	H

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

PK - Peak detector

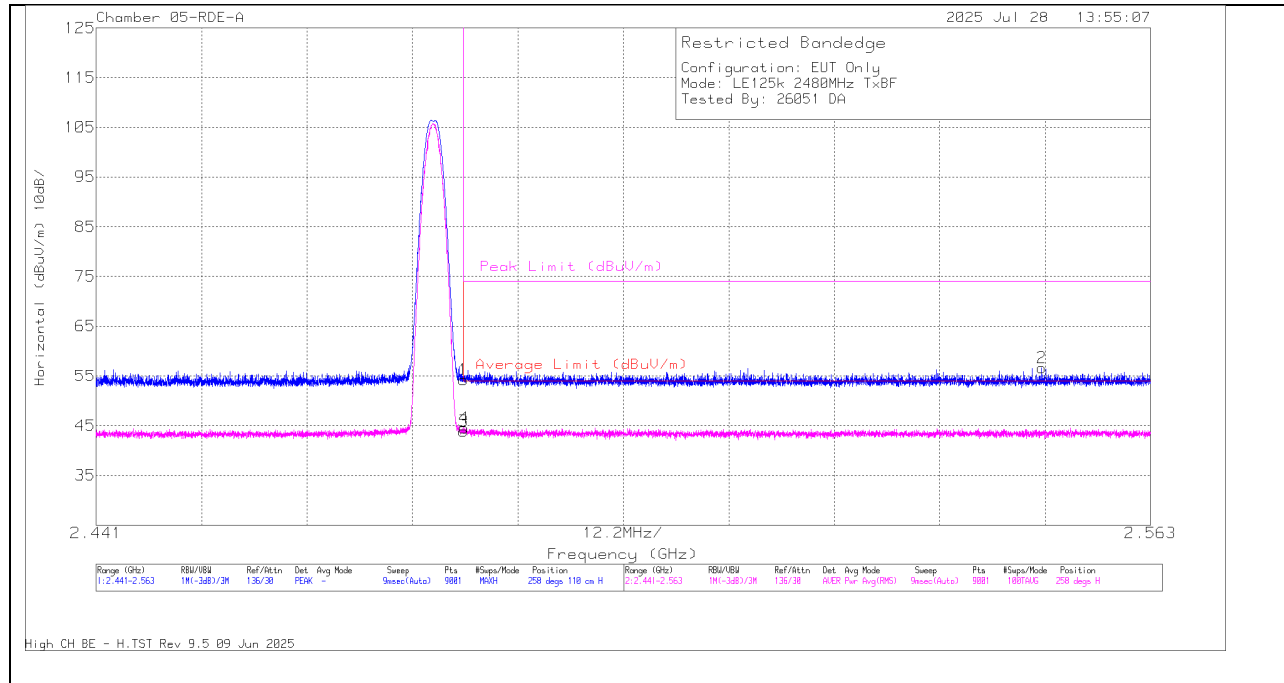
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCGF (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	60.64	Pk	32.1	0	-39.7	53.04	-	-	74	-20.96	121	392	V
2	* 2.380698	63.37	Pk	32.1	0	-39.69	55.78	-	-	74	-18.22	121	392	V
3	* 2.39	49.65	RMS	32.1	.11	-39.7	42.16	54	-11.84	-	-	121	392	V
4	* 2.365036	50.91	RMS	32	.11	-39.7	43.32	54	-10.68	-	-	121	392	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

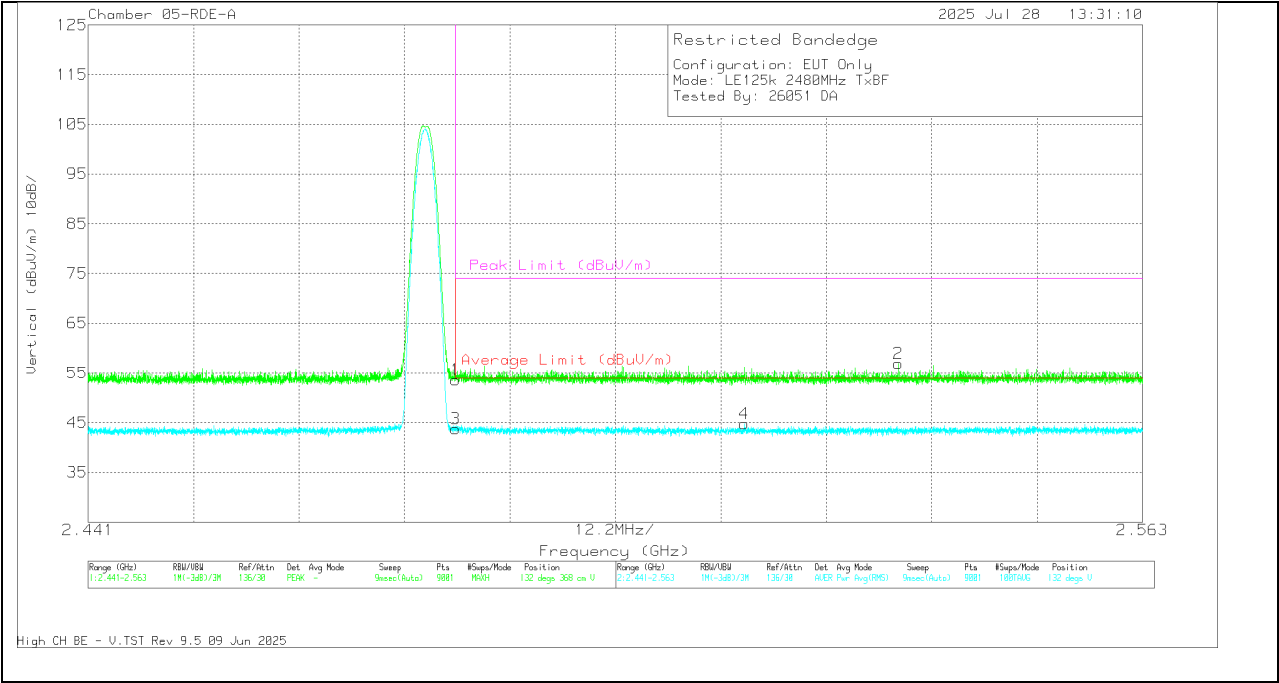
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226671 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.95	Pk	32.7	0	-39.4	54.25	-	-	74	-19.74	258	110	H
3	* 2.4835	50.45	RMS	32.7	.11	-39.4	43.86	54	-10.14	-	-	258	110	H
4	* 2.483593	51.14	RMS	32.7	.11	-39.4	44.55	54	-9.45	-	-	258	110	H
2	2.550424	63.14	Pk	32.8	0	-39.3	56.64	-	-	74	-17.36	258	110	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22671 ACF (dBm)	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	60.27	Pk	32.7	0	-39.4	53.57	-	-	74	-20.43	132	368	V
3	* 2.4835	50.38	RMS	32.7	.11	-39.4	43.79	54	-10.21	-	-	132	368	V
4	2.516941	51.16	RMS	32.8	.11	-39.3	44.79	54	-9.21	-	-	132	368	V
2	2.53474	63.57	Pk	32.8	0	-39.47	56.9	-	-	74	-17.1	132	368	V

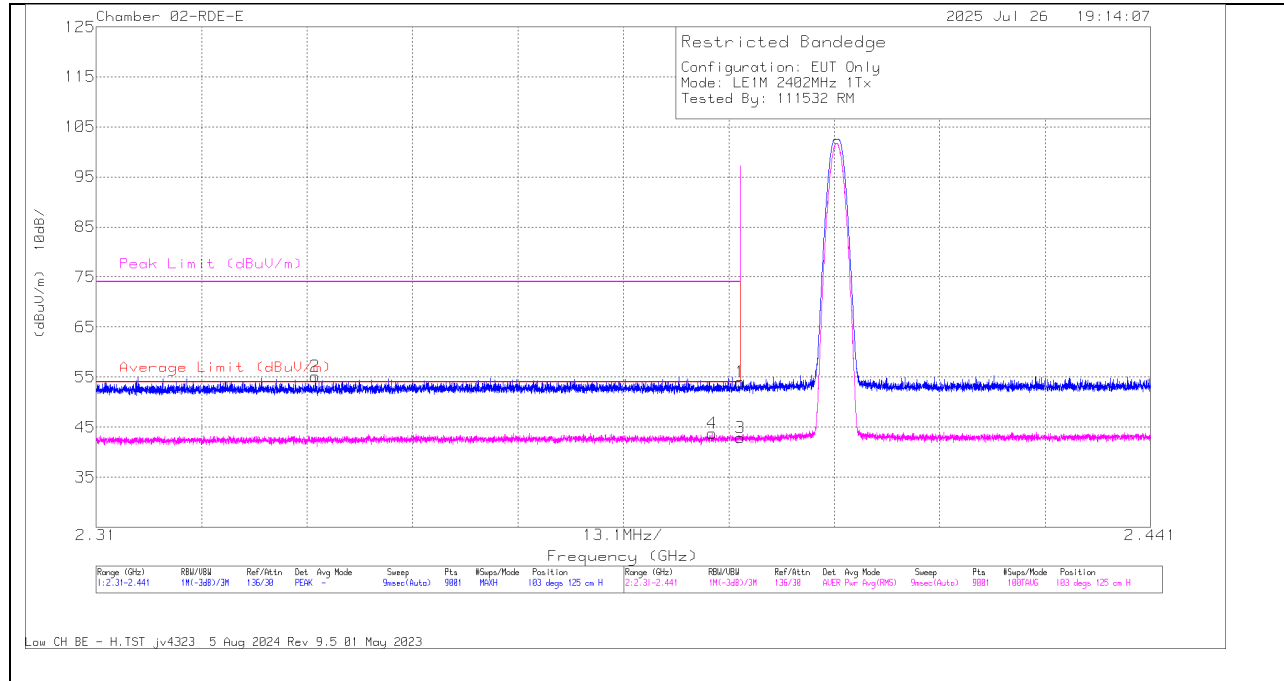
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
RMS - RMS detection

10.2.11. LOW POWER BLE (1Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



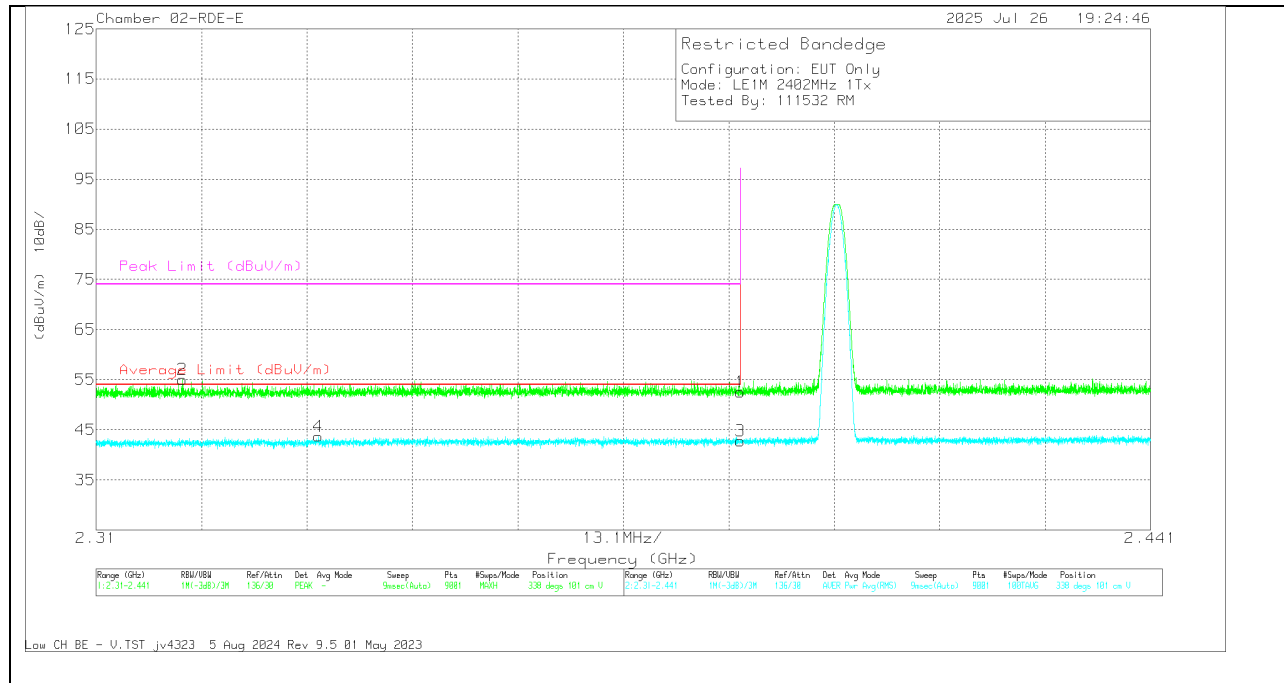
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	94796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.6	PK	32.1	0	-39.7	54	-	-	74	-20	103	125	H
2	* 2.337191	62.96	PK	31.9	0	-39.73	55.13	-	-	74	-18.87	103	125	H
3	* 2.39	49.76	RMS	32.1	.72	-39.7	42.86	54	-11.12	-	-	103	125	H
4	* 2.386535	50.64	RMS	32.1	.72	-39.71	43.75	54	-10.25	-	-	103	125	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	S4796 ACF (dBm)	DCGF (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	60.13	Pk	32.1	0	-39.7	52.53	-	-	74	-21.47	338	101	V
2	* 2.320699	62.99	Pk	31.8	0	-39.77	55.02	-	-	74	-18.98	338	101	V
3	* 2.39	49.63	RMS	32.1	72	-39.7	42.75	54	-11.25	-	-	338	101	V
4	* 2.337627	50.81	RMS	31.9	72	-39.73	43.7	54	-10.3	-	-	338	101	V

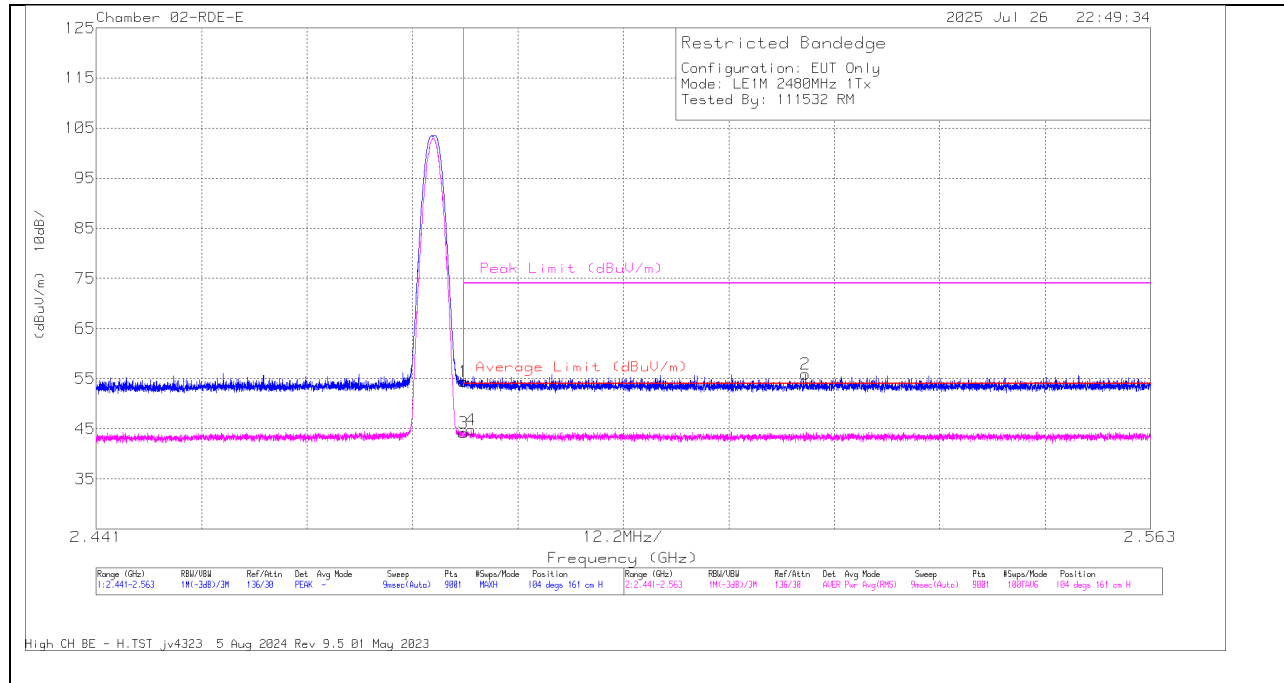
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



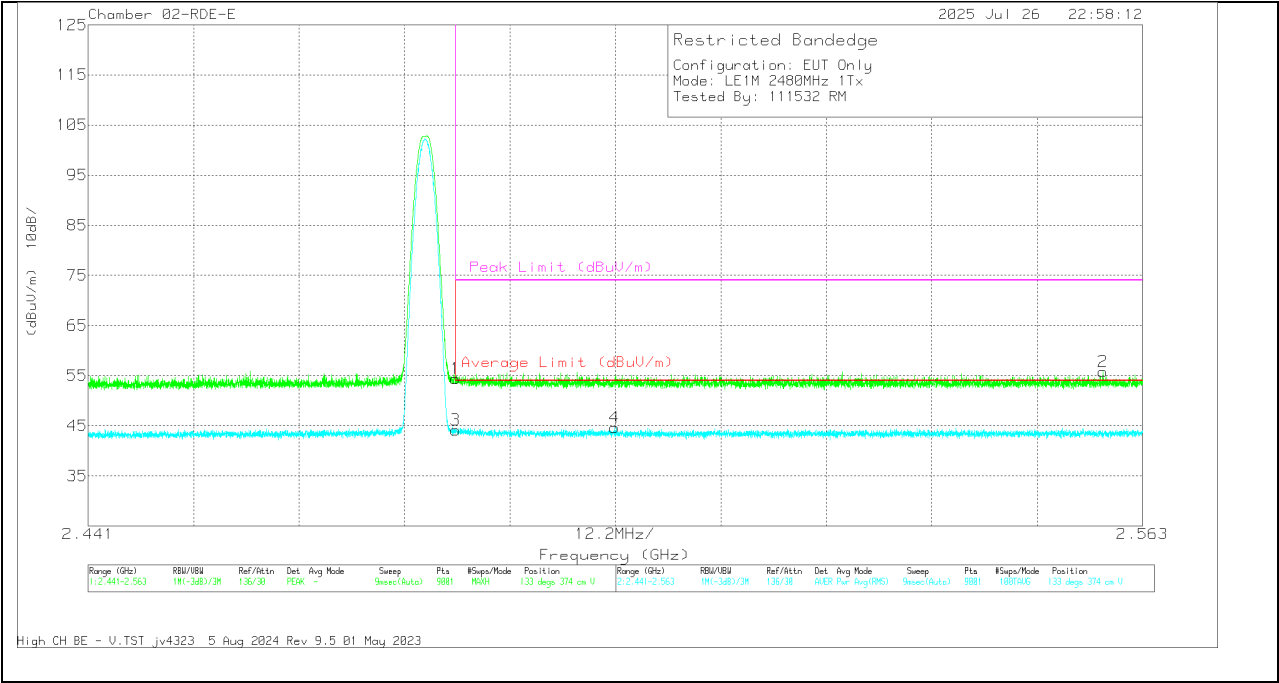
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	S4796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuVm)	Average Limit (dBuVm)	Margin (dB)	Peak Limit (dBuVm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.52	Pk	32.5	0	-39.58	54.44	-	-	74	-19.56	104	161	H
3	* 2.4835	50.56	RMS	32.5	.72	-39.58	44.2	54	-9.8	-	-	104	161	H
4	* 2.484406	51.11	RMS	32.5	.72	-39.58	44.75	54	-9.25	-	-	104	161	H
2	2.523068	62.97	Pk	32.5	0	-39.51	55.96	-	-	74	-18.04	104	161	H

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

Pk - Peak detector

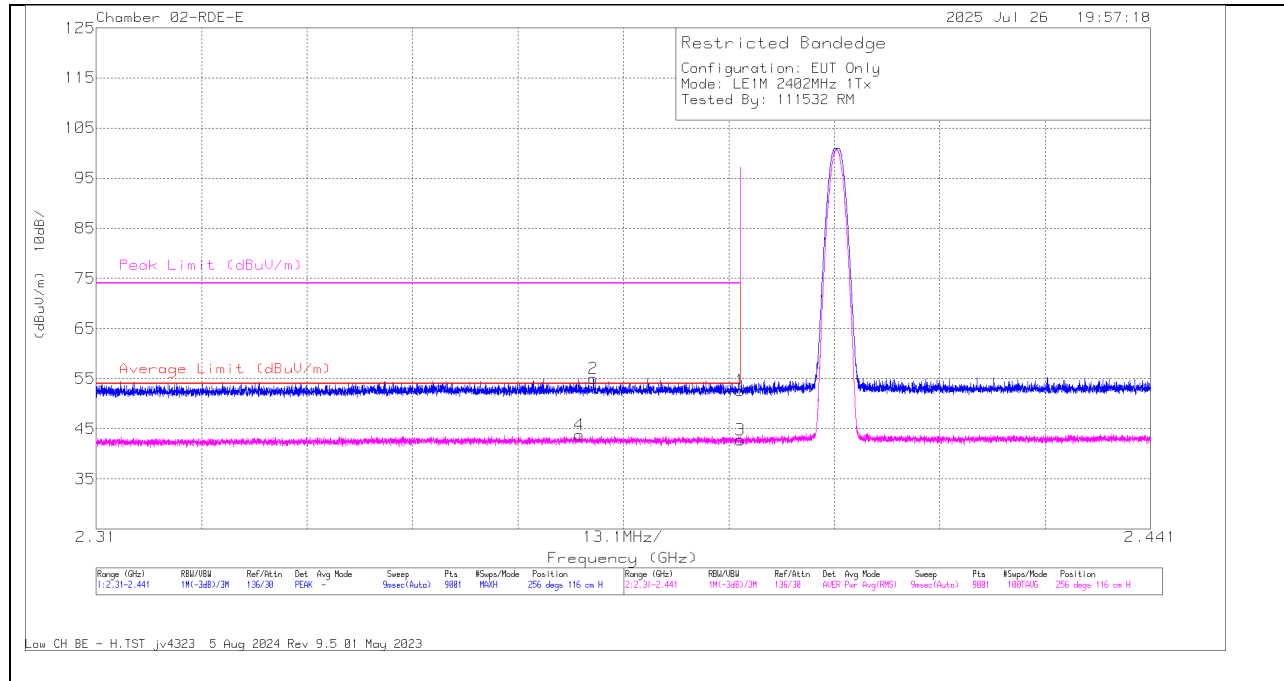
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	64796 ACF (dBm)	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	61.45	Pk	32.5	0	-39.58	54.37	-	-	74	-19.63	133	374	V
3	* 2.4835	50.47	RMS	32.5	72	-39.58	44.11	54	-8.89	-	-	133	374	V
4	2.501948	50.9	RMS	32.5	72	-39.52	44.6	54	-8.4	-	-	133	374	V
2	2.558409	62.79	Pk	32.5	0	-39.5	55.79	-	-	74	-18.21	133	374	V

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

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

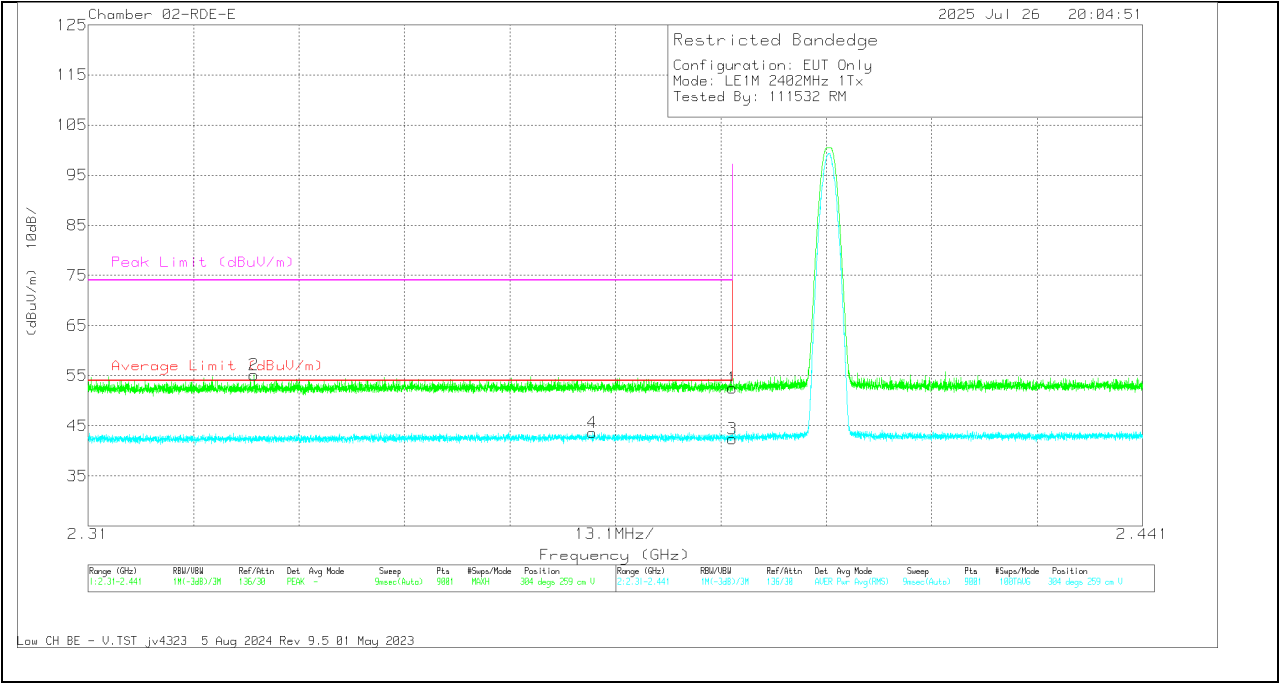
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.25	Pk	32.1	0	-39.7	52.65	-	-	74	-21.35	256	116	H
2	*2.37179	62.64	Pk	32.1	0	-39.72	55.02	-	-	74	-18.98	256	116	H
3	*2.39	49.7	RMS	32.1	72	-39.7	42.82	54	-11.18	-	-	256	116	H
4	*2.370029	50.66	RMS	32.1	72	-39.7	43.78	54	-10.22	-	-	256	116	H

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

Pk - Peak detector

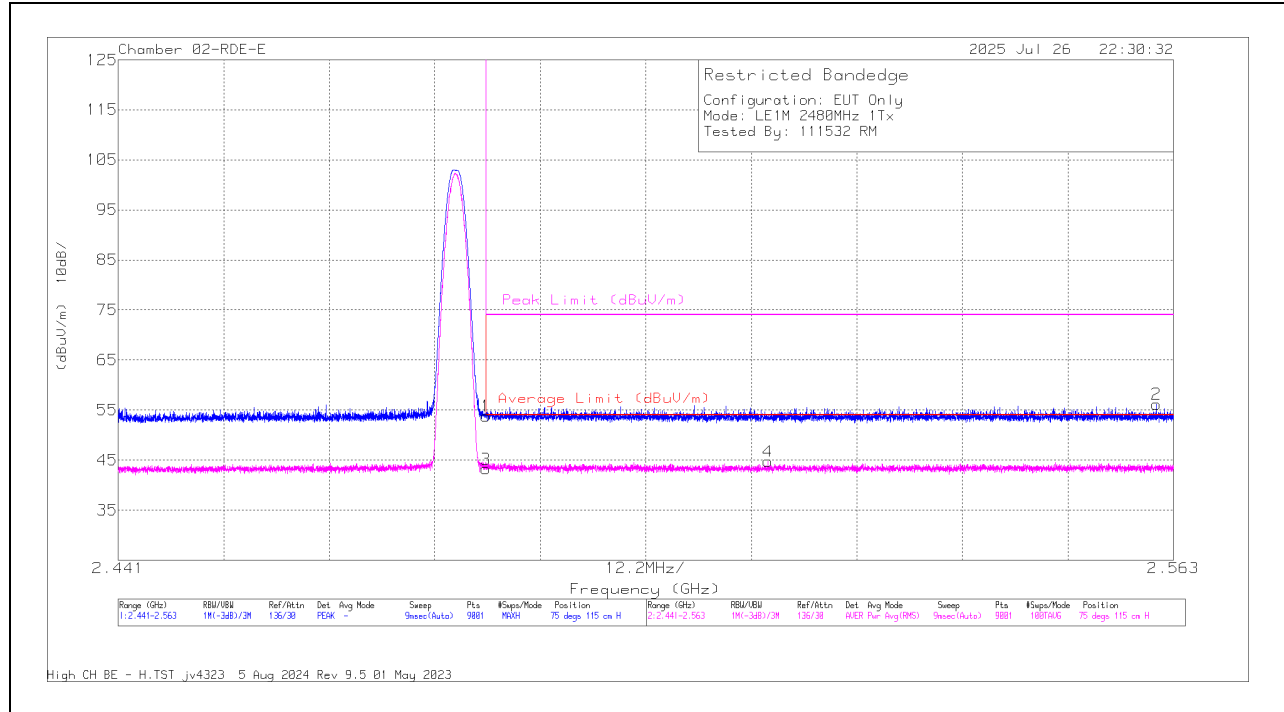
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCGF (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	60.11	PK	32.1	0	-39.7	52.51	-	-	74	-21.49	304	259	V
2	* 2.330582	63.03	PK	31.9	0	-39.76	55.17	-	-	74	-18.83	304	259	V
3	* 2.39	49.24	RMS	32.1	.72	-39.7	42.36	54	-11.64	-	-	304	259	V
4	* 2.372649	50.58	RMS	32.1	.72	-39.72	43.68	54	-10.32	-	-	304	259	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

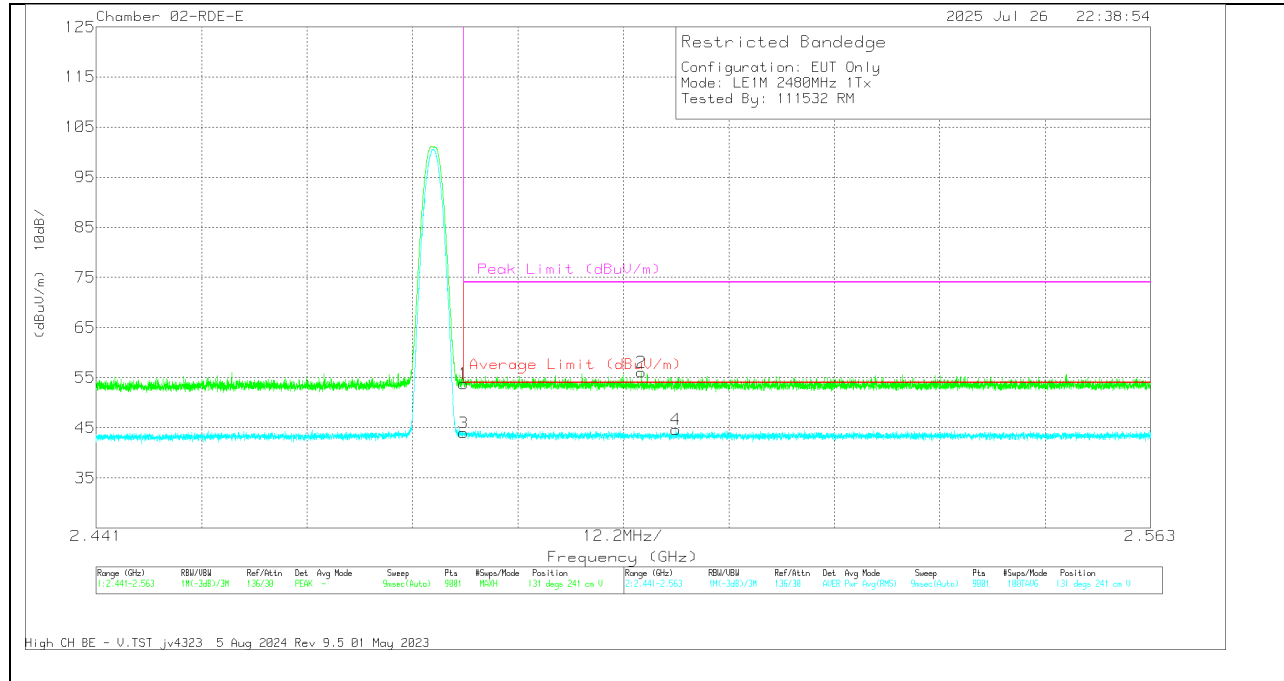
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.9	Pk	32.5	0	-39.58	53.82	-	-	74	-20.18	75	115	H
3	* 2.4835	49.56	RMS	32.5	72	-39.58	43.2	54	-10.8	-	-	75	115	H
4	2.516127	50.98	RMS	32.5	72	-39.49	44.71	54	-9.29	-	-	75	115	H
2	2.561011	63.19	Pk	32.5	0	-39.49	56.2	-	-	74	-17.8	75	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



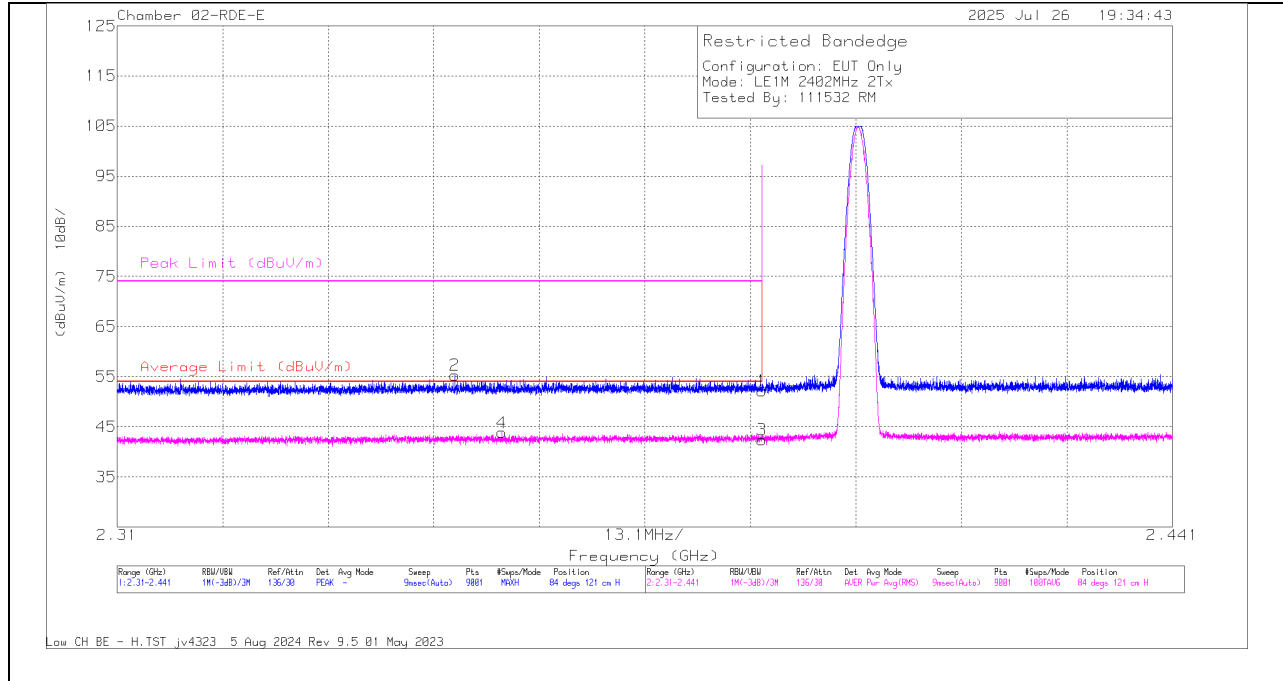
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84798 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.84	Pk	32.5	0	-39.58	53.76	-	-	74	-20.24	131	241	V
3	* 2.4835	50.32	RMS	32.5	.72	-39.58	43.96	54	-10.04	-	-	131	241	V
2	2.50409	63.11	Pk	32.5	0	-39.52	56.09	-	-	74	-17.51	131	241	V
4	2.508062	50.93	RMS	32.5	.72	-39.53	44.82	54	-9.38	-	-	131	241	V

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

10.2.12. LOW POWER BLE TXBF (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



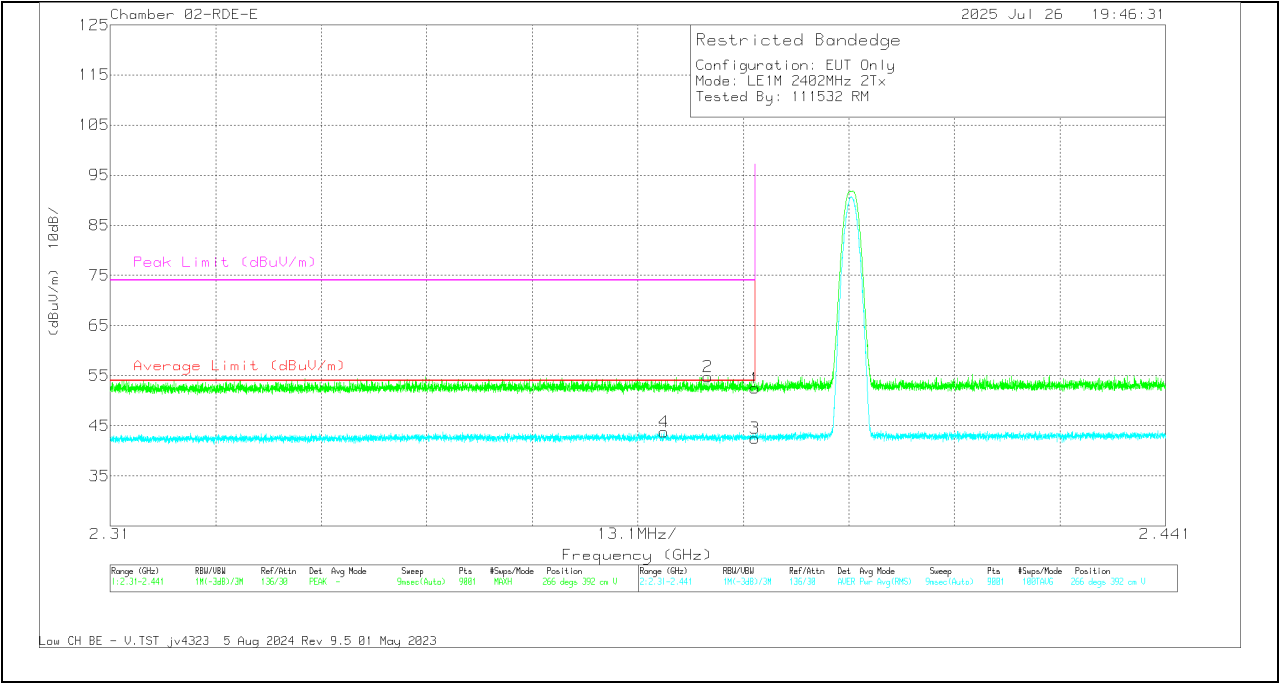
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	94796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.79	PK	32.1	0	-39.7	52.19	-	-	74	-21.81	84	121	H
2	* 2.351907	62.97	PK	32	0	-39.68	55.29	-	-	74	-18.71	84	121	H
3	* 2.39	49.27	RMS	32.1	.72	-39.7	42.39	54	-11.61	-	-	84	121	H
4	* 2.357773	50.83	RMS	32	.72	-39.72	43.83	54	-10.17	-	-	84	121	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

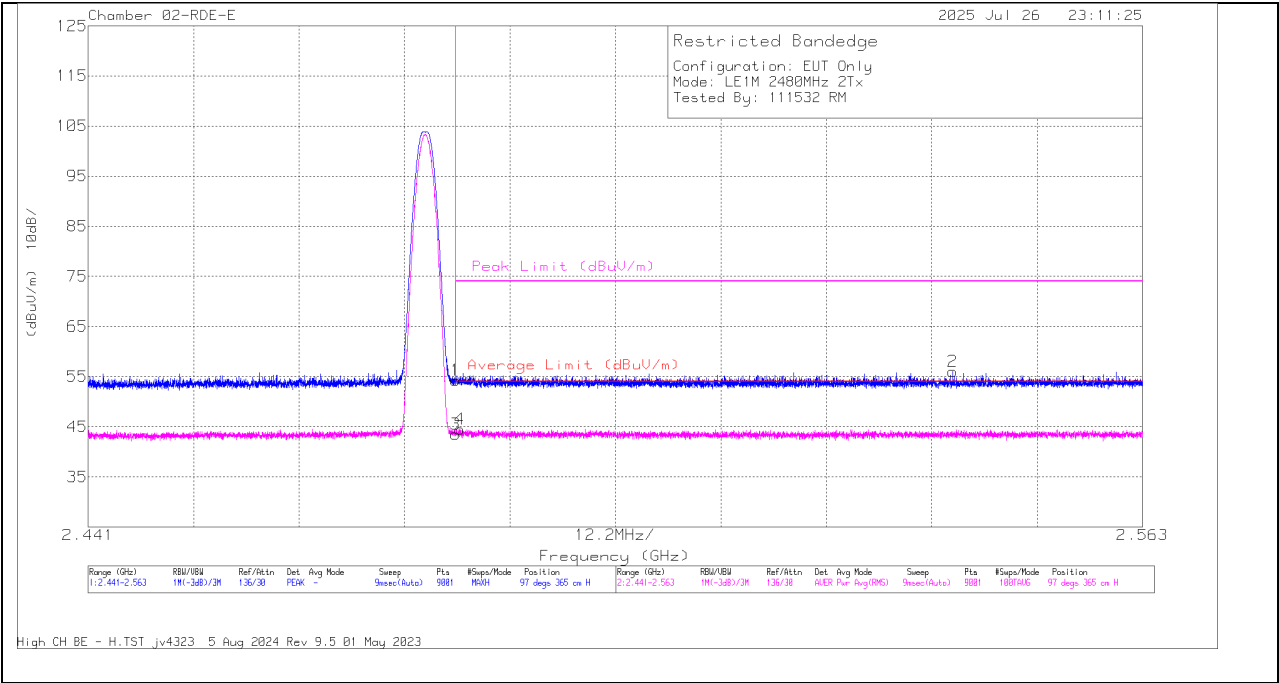


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	S4796 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.07	Pk	32.1	0	-39.7	52.47	-	-	74	-21.53	266	392	V
2	* 2.384192	62.38	Pk	32.1	0	-39.7	54.78	-	-	74	-19.22	266	392	V
3	* 2.39	49.36	RMS	32.1	72	-39.7	42.48	54	-11.52	-	-	266	392	V
4	* 2.378719	50.62	RMS	32.1	72	-39.7	43.74	54	-10.26	-	-	266	392	V

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

BANDEDGE (HIGH CHANNEL)

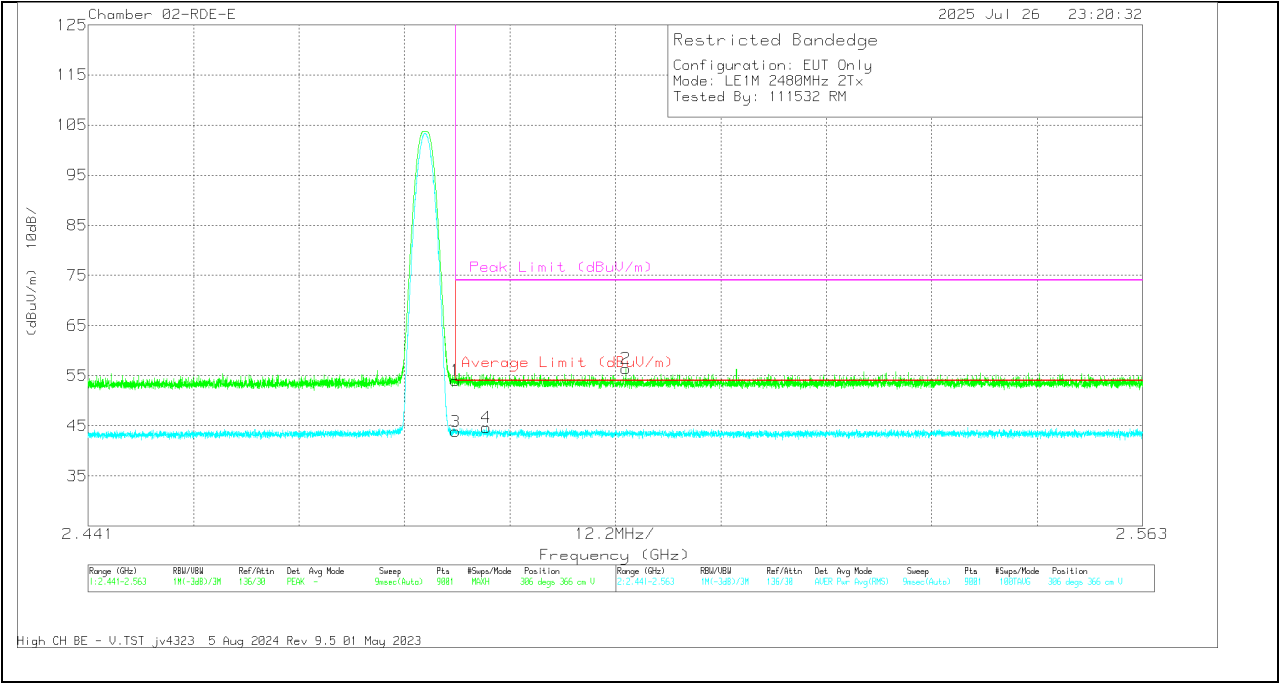
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	94796 ACF (dBm)	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	61.4	Pk	32.5	0	-39.58	54.32	-	-	74	-19.68	97	365	H
3	* 2.4835	49.9	RMS	32.5	.72	-39.58	43.54	54	-10.46	-	-	97	365	H
4	* 2.484013	50.84	RMS	32.5	.72	-39.58	44.48	54	-9.52	-	-	97	365	H
2	2.541043	62.98	Pk	32.5	0	-39.48	56	-	-	74	-18	97	365	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	94796 ACF (dBm)	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	61.12	Pk	32.5	0	-39.58	54.04	-	-	74	-19.96	306	366	V
3	* 2.4835	50.19	RMS	32.5	72	-39.58	43.83	54	-10.17	-	-	306	366	V
4	* 2.487077	51	RMS	32.5	72	-39.57	44.65	54	-8.35	-	-	306	366	V
2	2.503236	63.45	Pk	32.5	0	-39.54	56.41	-	-	74	-17.59	306	366	V

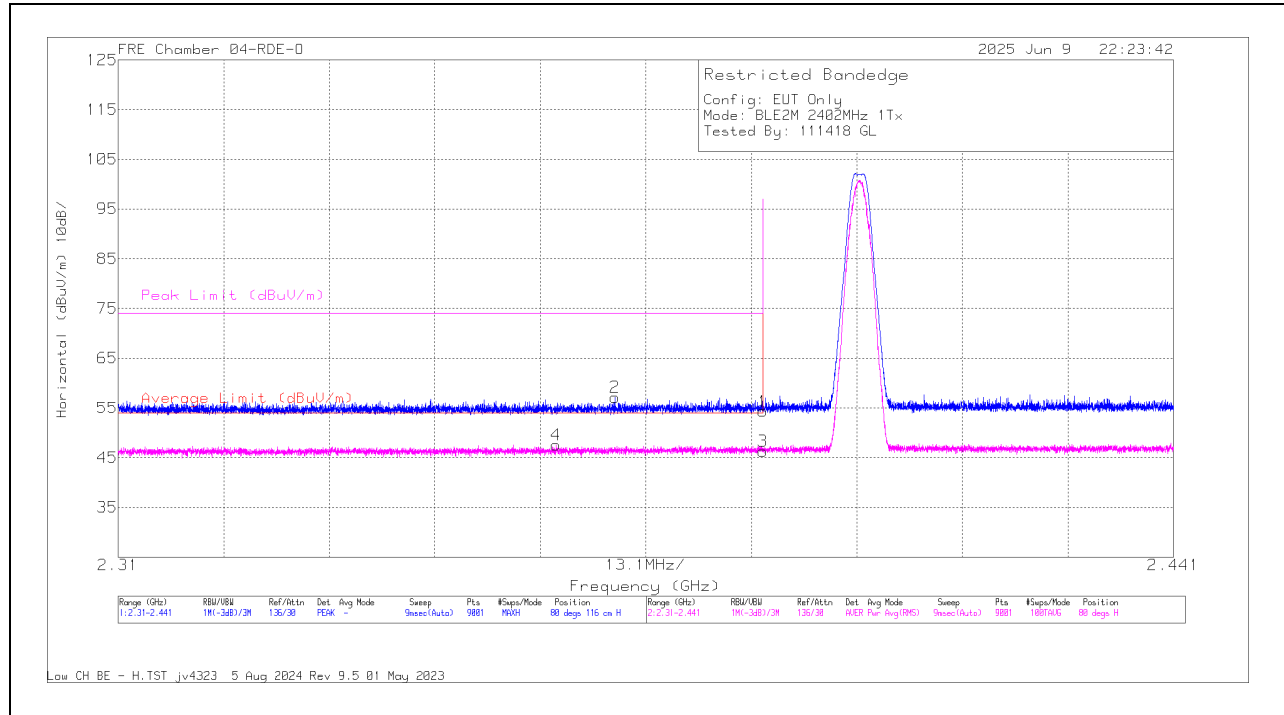
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

10.2.13. LOW POWER BLE (2Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



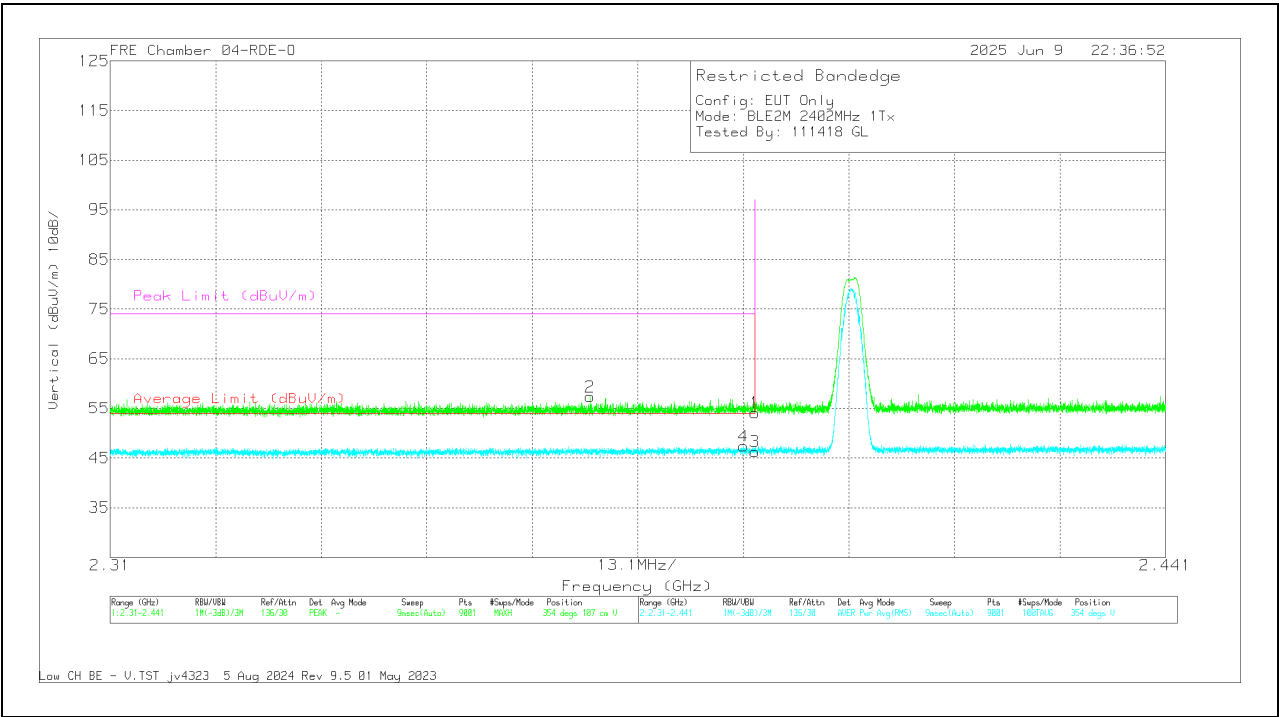
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 50402 (dBm)	OCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.25	Pk	32.1	0	-37.08	54.3	-	-	74	-19.7	80	116	H
2	* 2.371645	62.25	Pk	32	0	-37.08	57.17	-	-	74	-16.83	80	116	H
3	* 2.39	48.79	RMS	32.1	2.46	-37.08	46.27	54	-7.73	-	-	80	116	H
4	* 2.364396	50.34	RMS	31.9	2.46	-37.13	47.57	54	-6.43	-	-	80	116	H

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

Pk - Peak detector

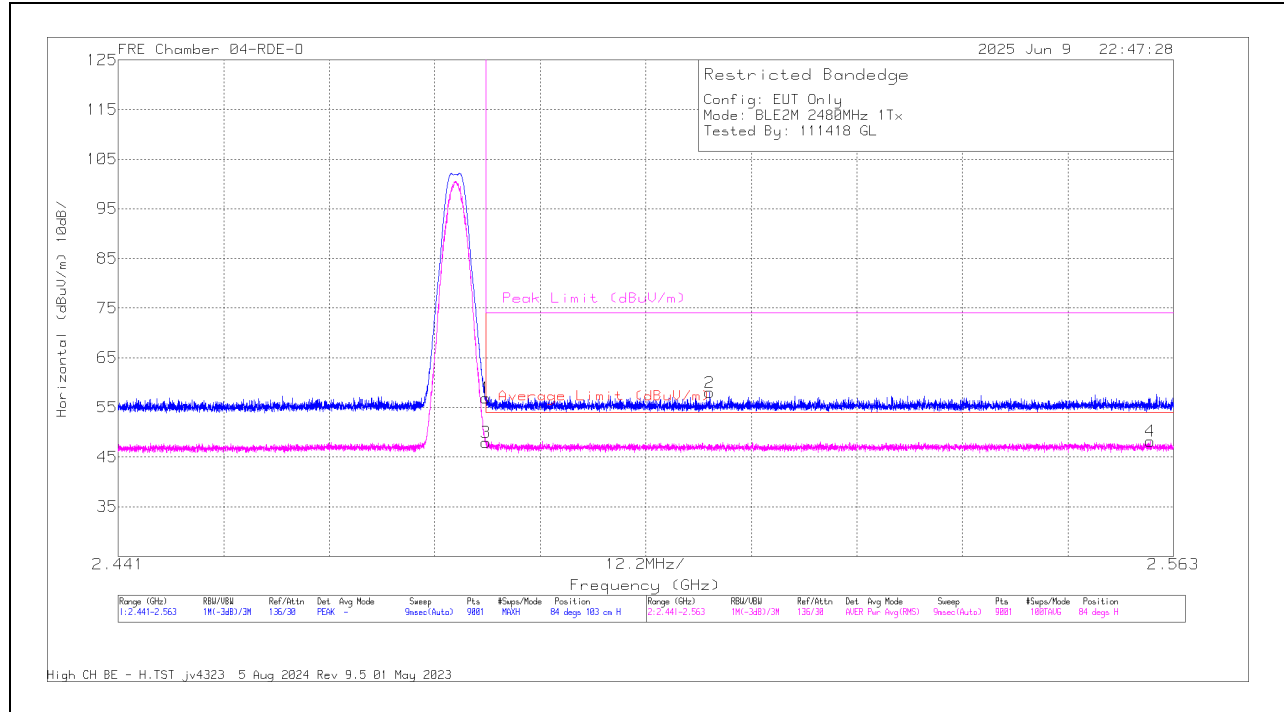
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	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	59.15	Pk	32.1	0	-37.08	54.17	-	-	74	-19.83	354	107	V
2	* 2.369592	62.43	Pk	32	0	-37.1	57.33	-	-	74	-16.67	354	107	V
3	* 2.39	48.78	RMS	32.1	2.46	-37.08	46.26	54	-7.74	-	-	354	107	V
4	* 2.388632	49.89	RMS	32.1	2.46	-37.08	47.37	54	-6.63	-	-	354	107	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

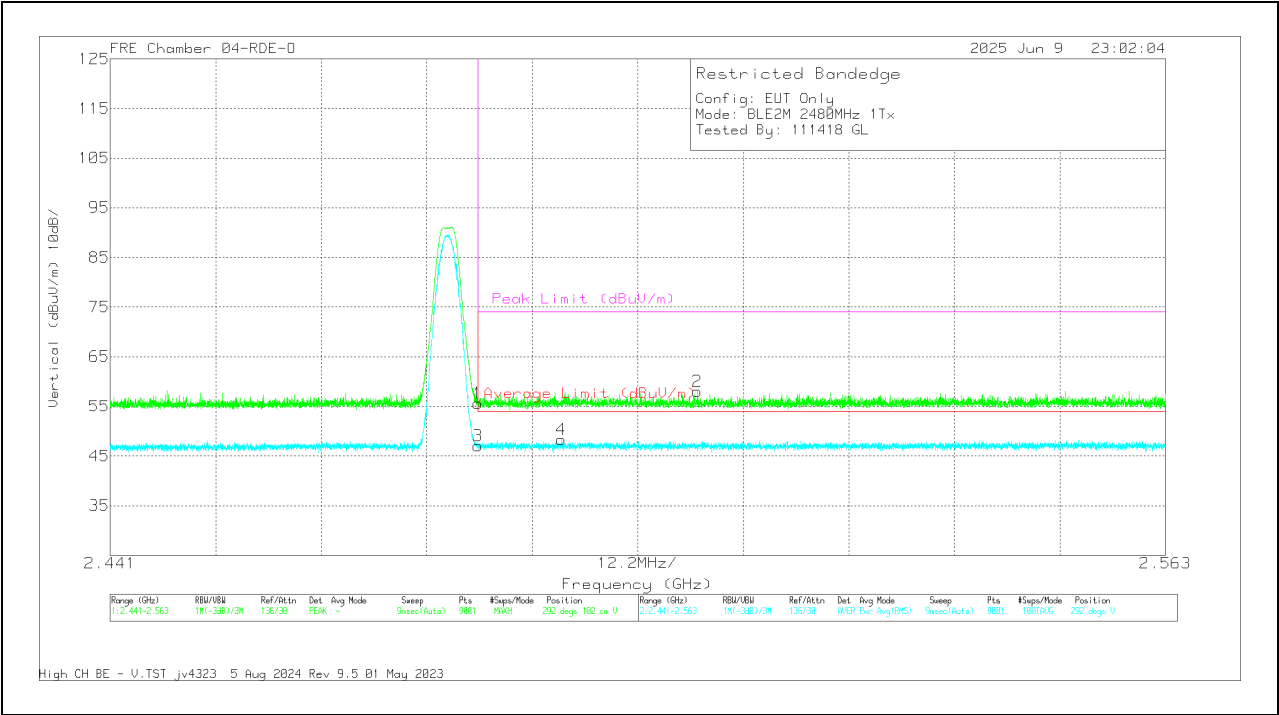
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.47	PK	32.3	0	-36.91	56.86	-	-	74	-17.14	84	103	H
3	* 2.4835	50.11	RMS	32.3	2.46	-36.91	47.96	54	-6.04	-	-	84	103	H
2	2.509349	62.46	PK	32.4	0	-36.89	57.97	-	-	74	-16.03	84	103	H
4	2.560293	50.12	RMS	32.4	2.46	-36.83	48.15	54	-5.85	-	-	84	103	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



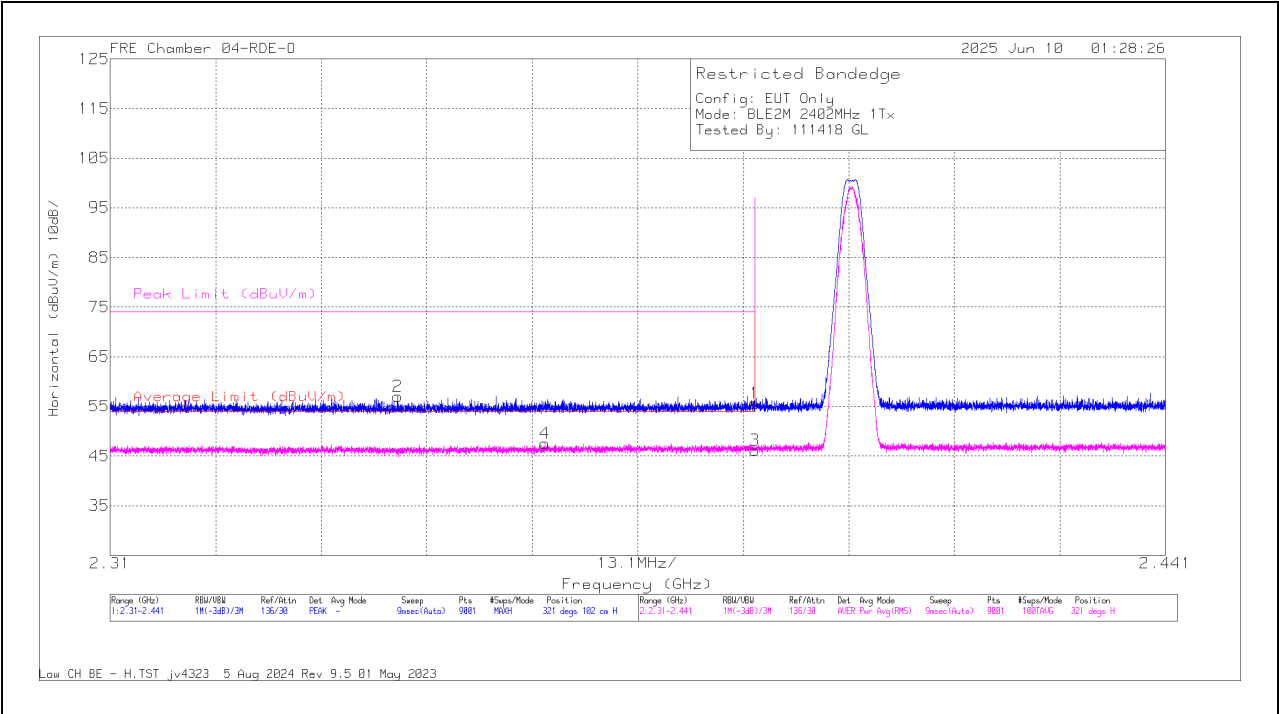
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.24	PK	32.3	0	-36.91	55.63	-	-	74	-18.37	292	102	V
3	* 2.4835	49.16	RMS	32.3	2.46	-36.91	47.01	54	-6.99	-	-	292	102	V
4	* 2.493177	50.43	RMS	32.3	2.46	-36.92	48.27	54	-5.73	-	-	292	102	V
2	2.508902	62.56	PK	32.4	0	-36.9	58.06	-	-	74	-15.94	292	102	V

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

ANT 1

BANDEDGE (LOW CHANNEL)

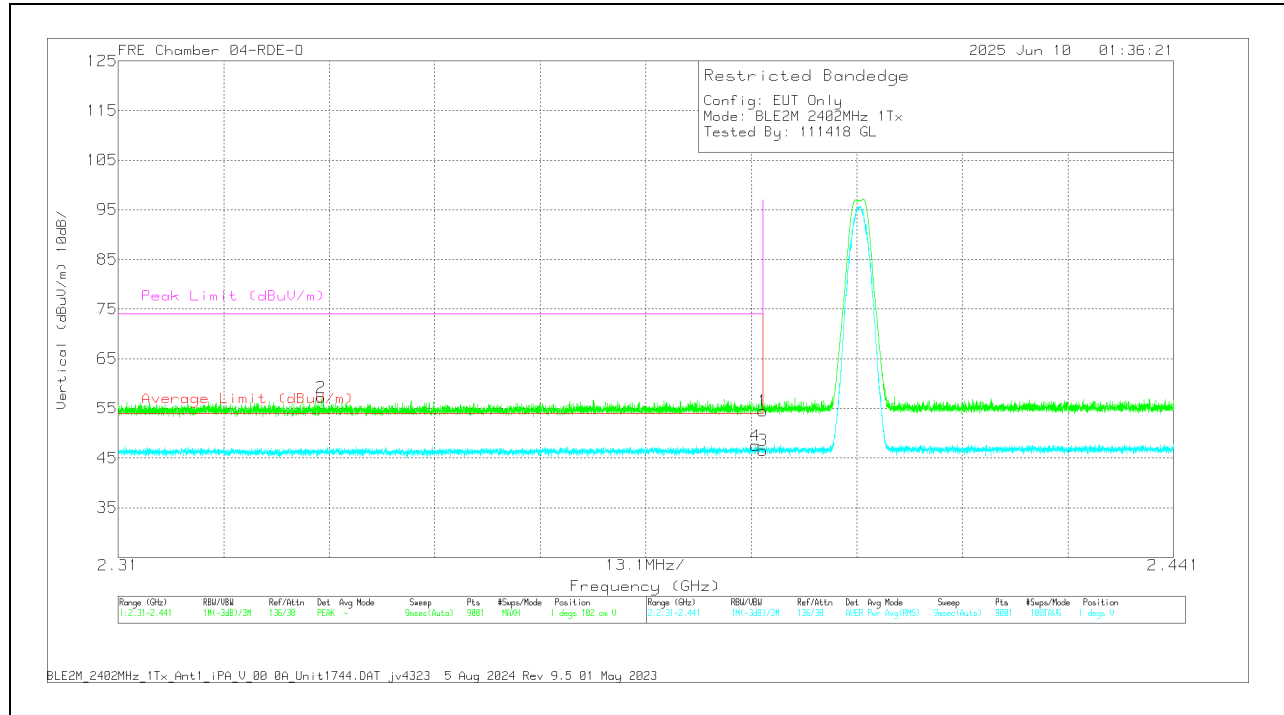
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	60.62	Pk	32.1	0	-37.08	55.64	-	-	74	-18.36	321	102	H
2	* 2.345706	62.36	Pk	31.8	0	-37.11	57.05	-	-	74	-16.95	321	102	H
3	* 2.39	48.65	RMS	32.1	2.46	-37.08	46.13	54	-7.87	-	-	321	102	H
4	* 2.363945	50.33	RMS	31.9	2.46	-37.14	47.55	54	-6.45	-	-	321	102	H

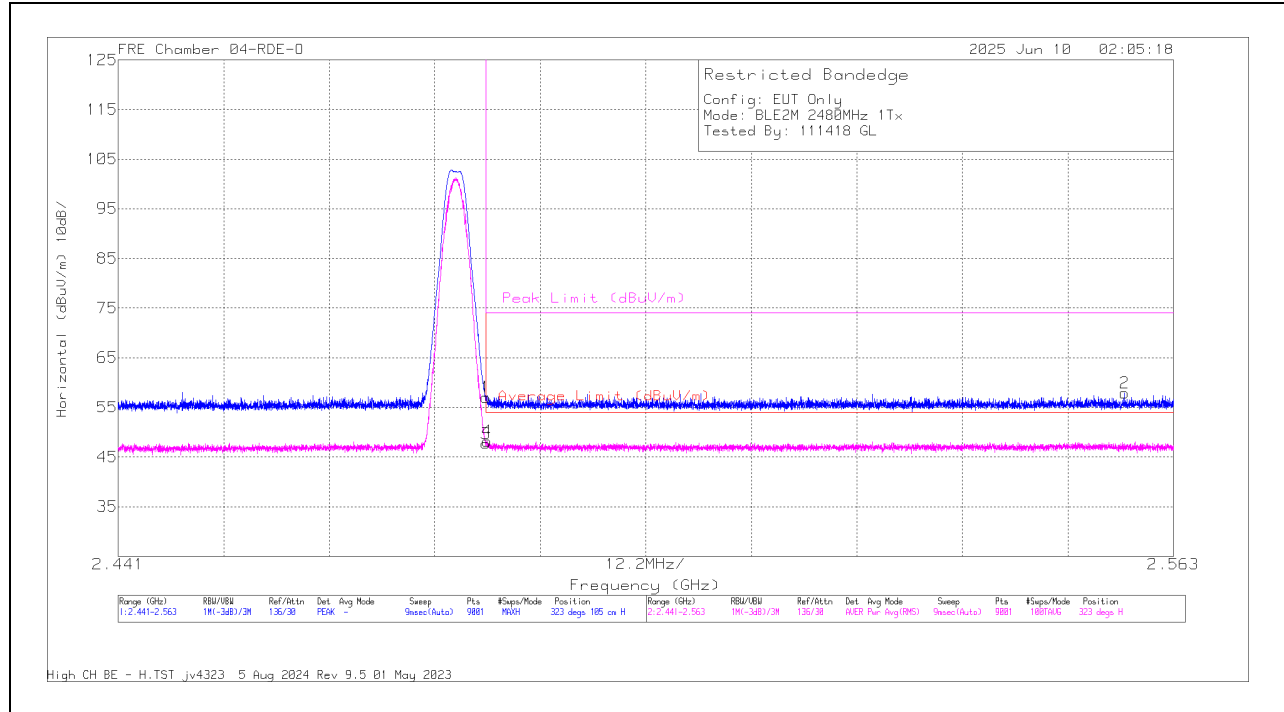
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBu)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.45	Pk	32.1	0	-37.08	54.47	-	-	74	-19.53	1	102	V
2	* 2.335167	62.38	Pk	31.8	0	-36.98	57.2	-	-	74	-16.8	1	102	V
3	* 2.39	49.11	RMS	32.1	2.46	-37.08	46.59	54	-7.41	-	-	1	102	V
4	* 2.389126	50.02	RMS	32.1	2.46	-37.08	47.5	54	-6.5	-	-	1	102	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

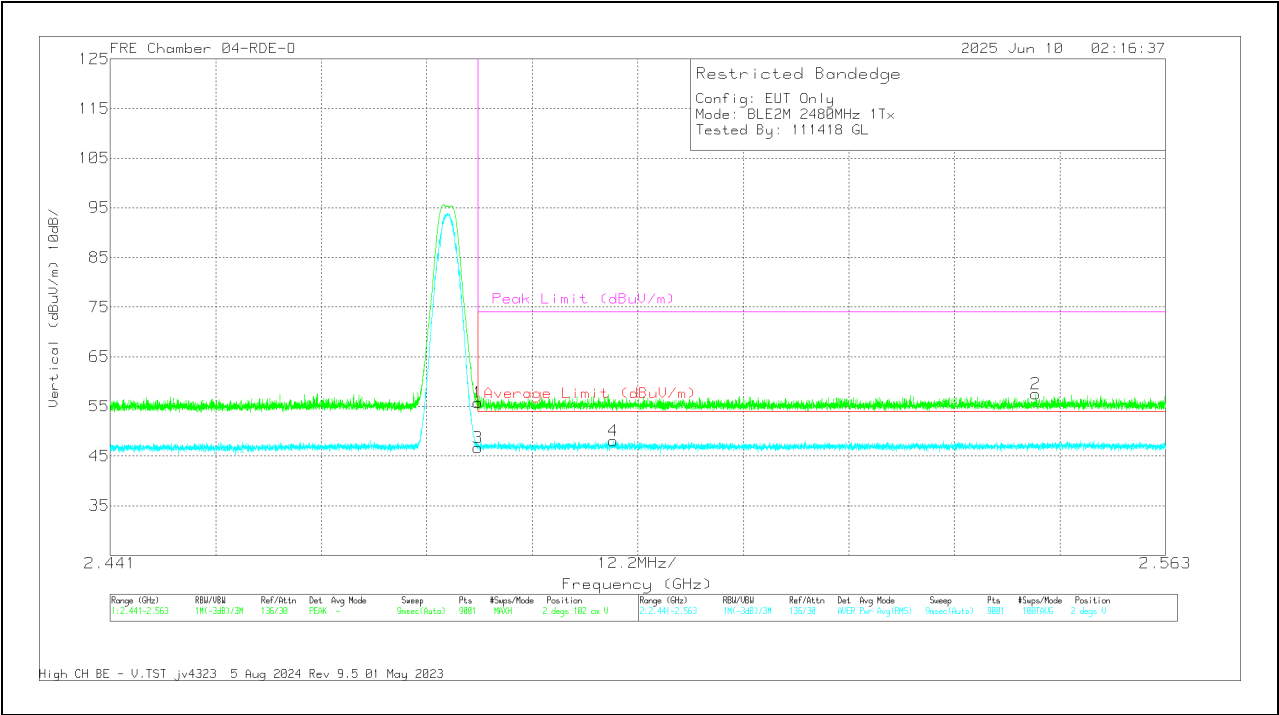
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	61.59	PK	32.3	0	-36.91	56.98	-	-	74	-17.02	323	105	H
3	* 2.4835	49.89	RMS	32.3	2.46	-36.91	47.74	54	-6.26	-	-	323	105	H
4	* 2.483674	50.35	RMS	32.3	2.46	-36.9	48.21	54	-5.79	-	-	323	105	H
2	2.557378	62.3	PK	32.4	0	-36.8	57.9	-	-	74	-16.1	323	105	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



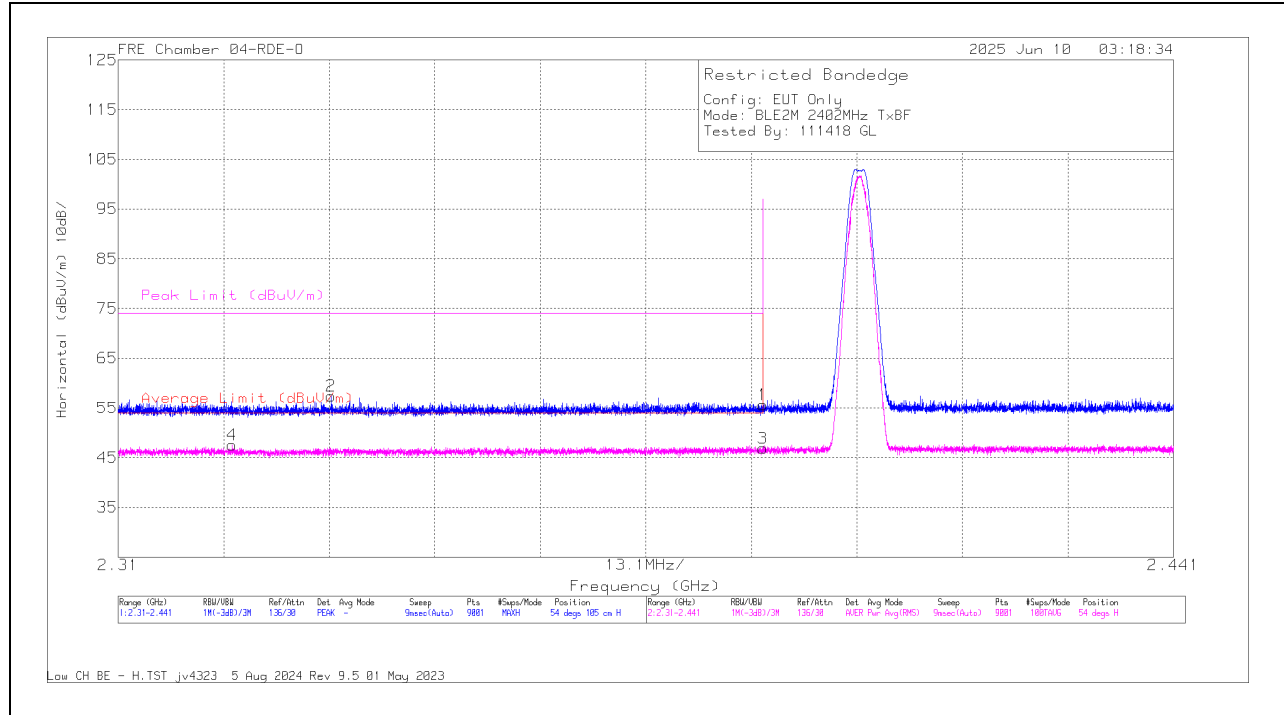
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.33	PK	32.3	0	-36.91	55.72	-	-	74	-18.28	2	102	V
3	* 2.4835	48.78	RMS	32.3	2.46	-36.91	46.63	54	-7.37	-	-	2	102	V
4	* 2.499182	50.13	RMS	32.4	2.46	-36.89	48.1	54	-5.9	-	-	2	102	V
2	2.548025	61.88	PK	32.4	0	-36.79	57.49	-	-	74	-16.51	2	102	V

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

10.2.14. LOW POWER BLE TXBF (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



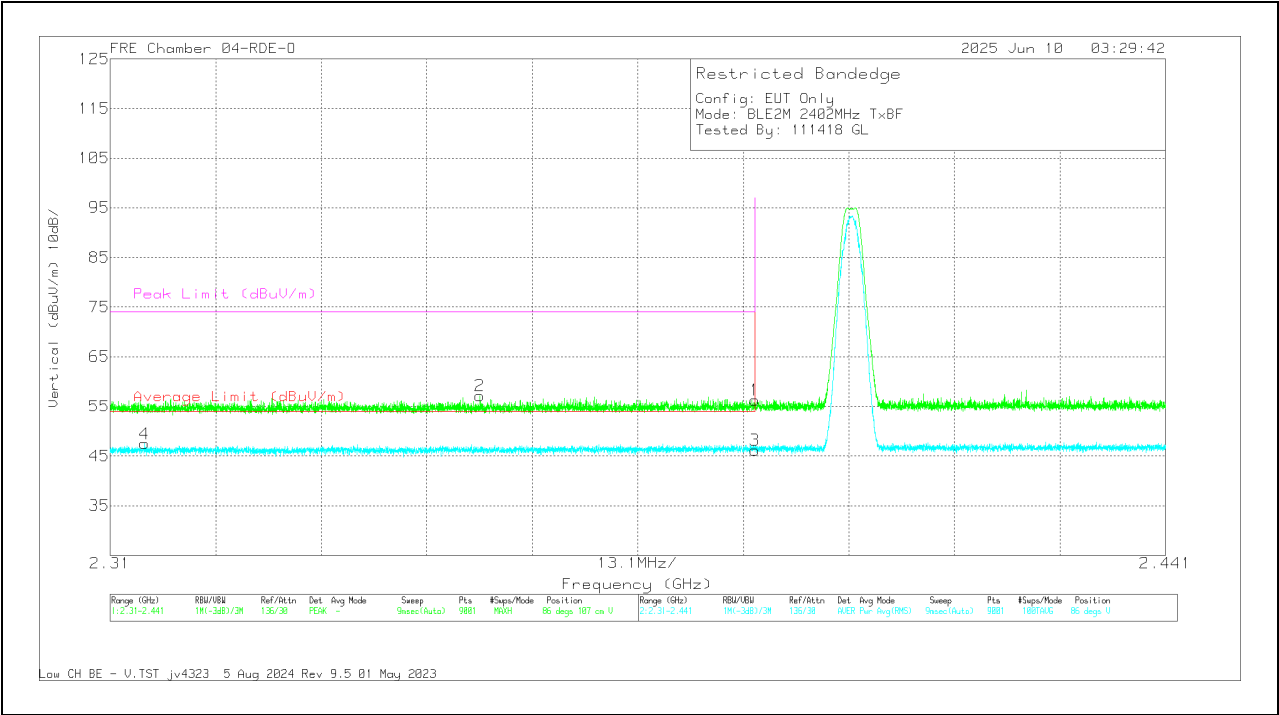
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	60.57	Pk	32.1	0	-37.08	55.59	-	-	74	-18.41	54	105	H
2	* 2.336463	62.52	Pk	31.8	0	-36.96	57.36	-	-	74	-16.64	54	105	H
3	* 2.39	49.39	RMS	32.1	2.46	-37.08	46.87	54	-7.13	-	-	54	105	H
4	* 2.324148	50.31	RMS	31.8	2.46	-37.03	47.54	54	-6.46	-	-	54	105	H

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

Pk - Peak detector

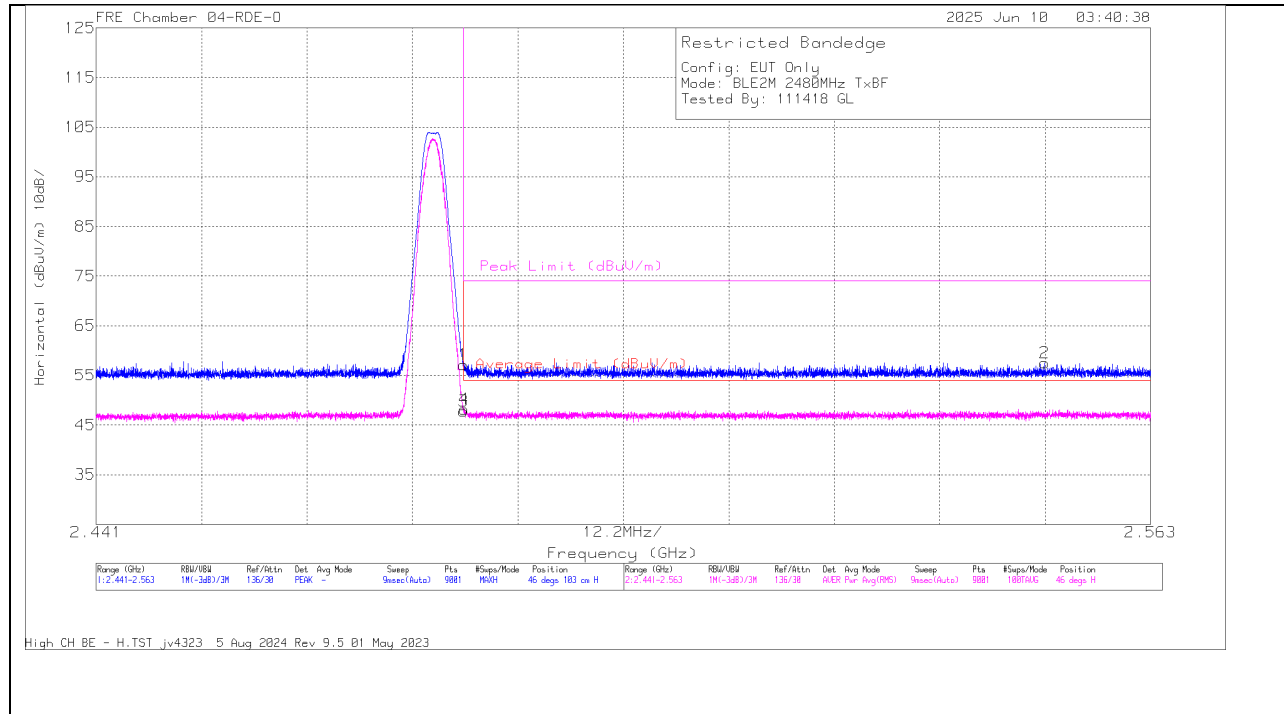
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBu)	Det	AF 60402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.22	Pk	32.1	0	-37.08	56.24	-	-	74	-17.76	86	107	V
2	* 2.355866	62.28	Pk	31.9	0	-37.08	57.1	-	-	74	-16.9	86	107	V
3	* 2.39	48.71	RMS	32.1	2.46	-37.08	46.19	54	-7.81	-	-	86	107	V
4	* 2.314294	50.28	RMS	31.8	2.46	-37.05	47.49	54	-6.51	-	-	86	107	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

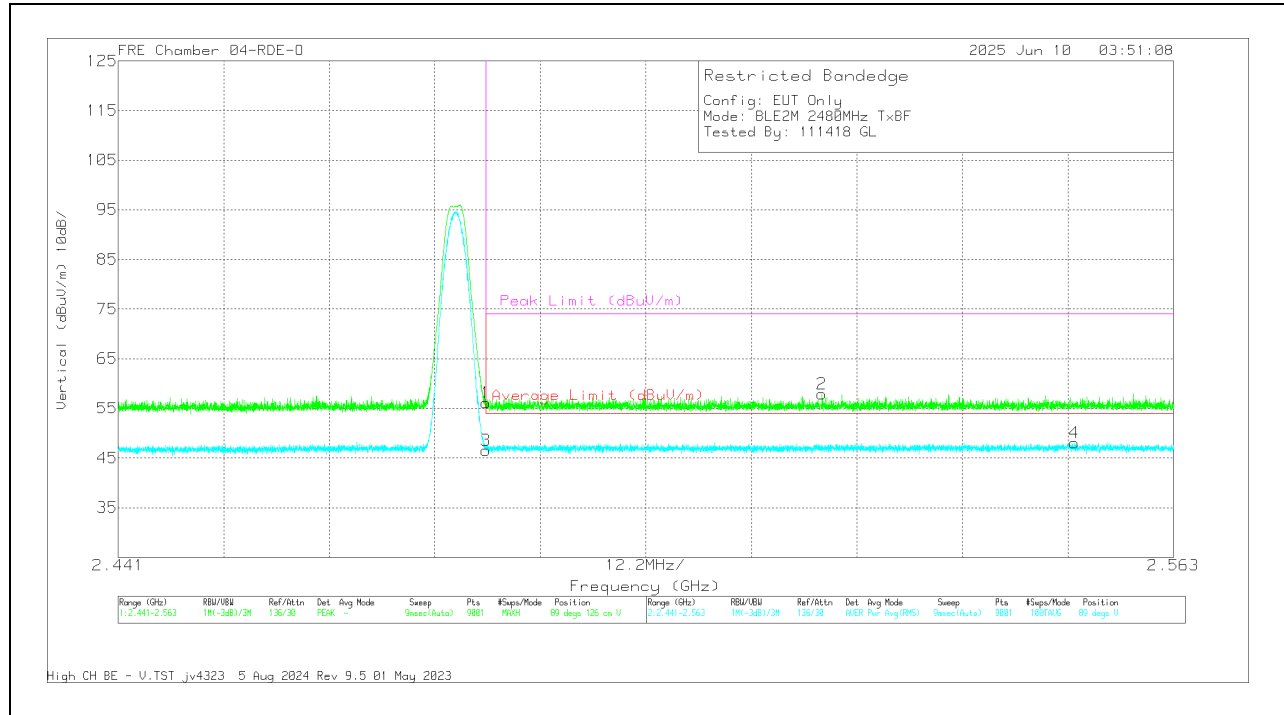
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 68402 (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.74	Pk	32.3	0	-36.91	57.13	-	-	74	-16.87	46	103	H
3	* 2.4835	50.01	RMS	32.3	2.46	-36.91	47.86	54	-6.14	-	-	46	103	H
4	* 2.483566	50.29	RMS	32.3	2.46	-36.9	48.15	54	-5.85	-	-	46	103	H
2	2.550776	61.87	Pk	32.4	0	-36.72	57.55	-	-	74	-16.45	46	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dBm)	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	60.79	PK	32.3	0	-36.91	56.18	-	-	74	-17.82	89	126	V
3	* 2.4835	48.73	RMS	32.3	2.46	-36.91	46.58	54	-7.42	-	-	89	126	V
2	2.52235	62.43	PK	32.4	0	-36.88	57.95	-	-	74	-16.05	89	126	V
4	2.551563	49.92	RMS	32.4	2.46	-36.7	48.08	54	-5.92	-	-	89	126	V

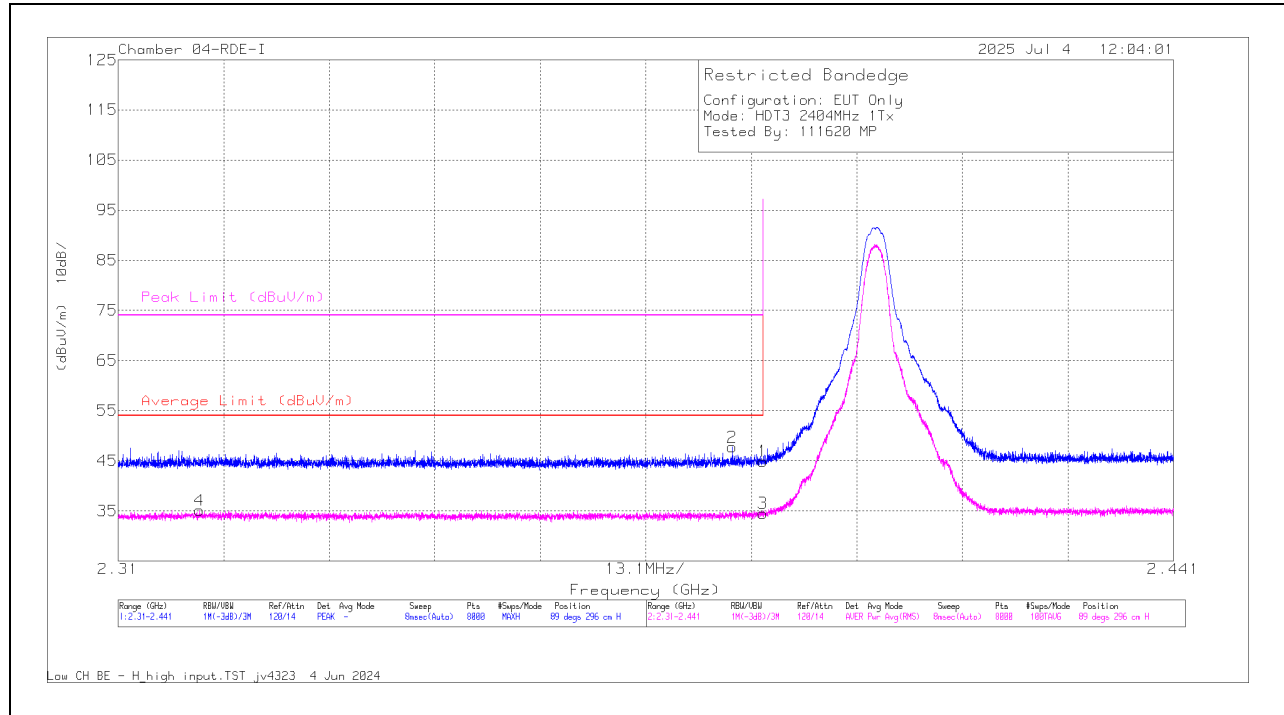
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

10.2.15. LOW POWER BLE (HDT3)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (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	42.63	PK	31.8	-29.5	0	44.93	-	-	74	-29.07	89	296	H
2	* 2.386251	45.41	PK	31.8	-29.5	0	47.71	-	-	74	-26.29	89	296	H
3	* 2.39	31.98	RMS	31.8	-29.5	23	34.51	54	-19.49	-	-	89	296	H
4	* 2.320121	32.55	RMS	31.6	-29.3	23	35.08	54	-18.92	-	-	89	296	H

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

PK - Peak detector

RMS - RMS detection

Chamber 04-RDE-I

2025 Jul 4 12:14:59

Restricted Bandedge

Configuration: EUT Only
Mode: HDT3 2404MHz 1Tx
Tested By: 111620 MP

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.1 MHz/

Frequency (GHz)

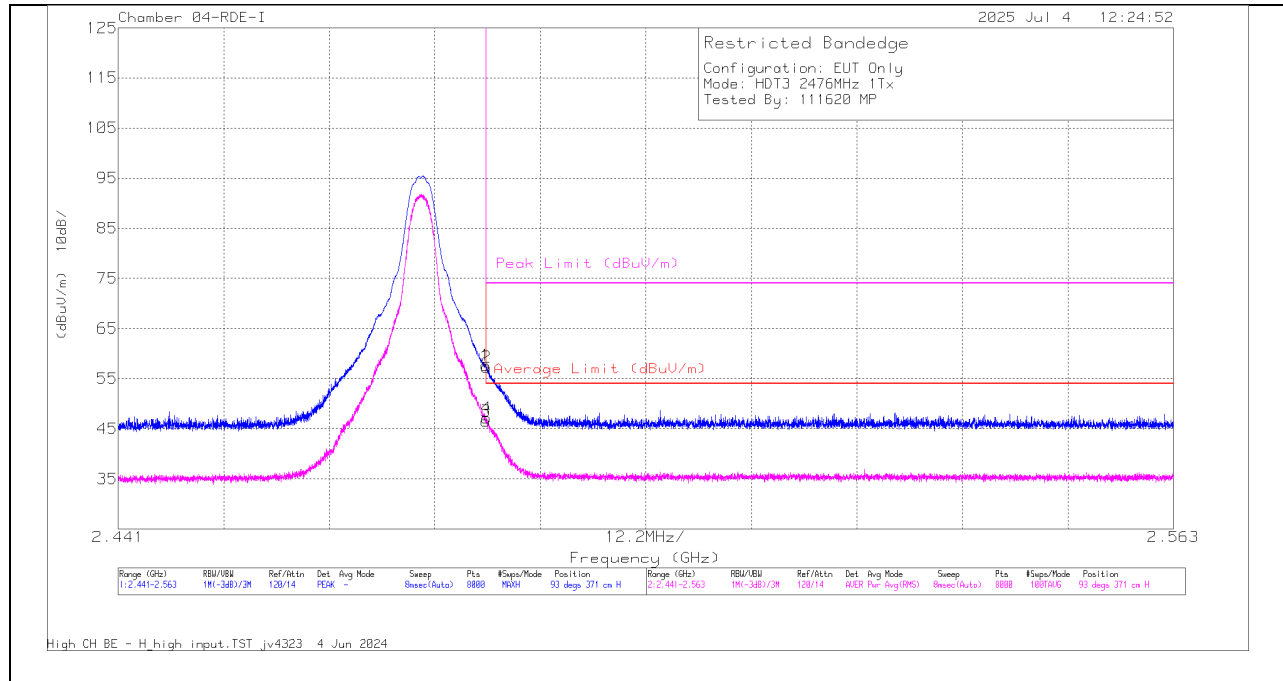
Range (GHz) RBW/USB Ref/Attn Det Avg Mode Sweep Pts #Spts/Mode Position
1.231-2.441 1M-3dB/73M 120/14 PEAK - Sinec(Auto) 8888 744H 127 degs 398 on U

Range (GHz) RBW/USB Ref/Attn Det Avg Mode Sweep Pts #Spts/Mode Position
1.231-2.441 1M-3dB/73M 120/14 RDR Fur Avg(RMS) Sinec(Auto) 8888 180146 127 degs 398 on U

Low CH BE - U_high input.TST jv4323 4 Jun 2024

Marker	Frequency (GHz)	Mezr Reading (dBuV)	Det	222240 ACF (dB/m)	Amp/Cbl (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	42.9	Pk	31.8	-29.5	0	45.2	-	-	74	-28.8	127	398	V
2	* 2.383713	45.14	Pk	31.7	-29.6	0	47.24	-	-	74	-26.76	127	398	V
3	* 2.39	32.44	RMS	31.8	-	-29.5	23	34.97	54	-19.03	-	127	398	V
4	* 2.388904	33.12	RMS	31.8	-	-29.5	23	35.65	54	-18.35	-	127	398	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

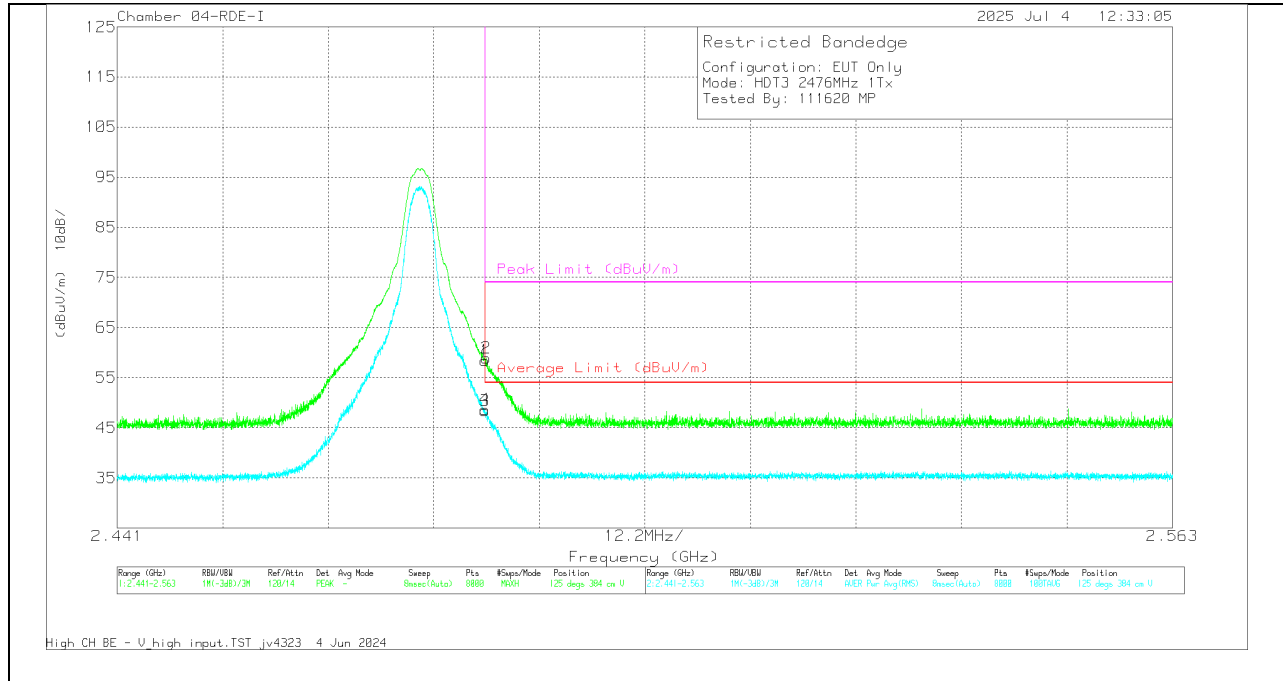
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	54.88	Pk	32.3	-29.5	0	57.68	-	-	74	-16.32	93	371	H
2	* 2.483568	54.53	Pk	32.3	-29.5	0	57.33	-	-	74	-16.67	93	371	H
3	* 2.4835	43.47	RMS	32.3	-29.5	.23	46.5	54	-7.5	-	-	93	371	H
4	* 2.483584	44.15	RMS	32.3	-29.5	.23	47.18	54	-6.82	-	-	93	371	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

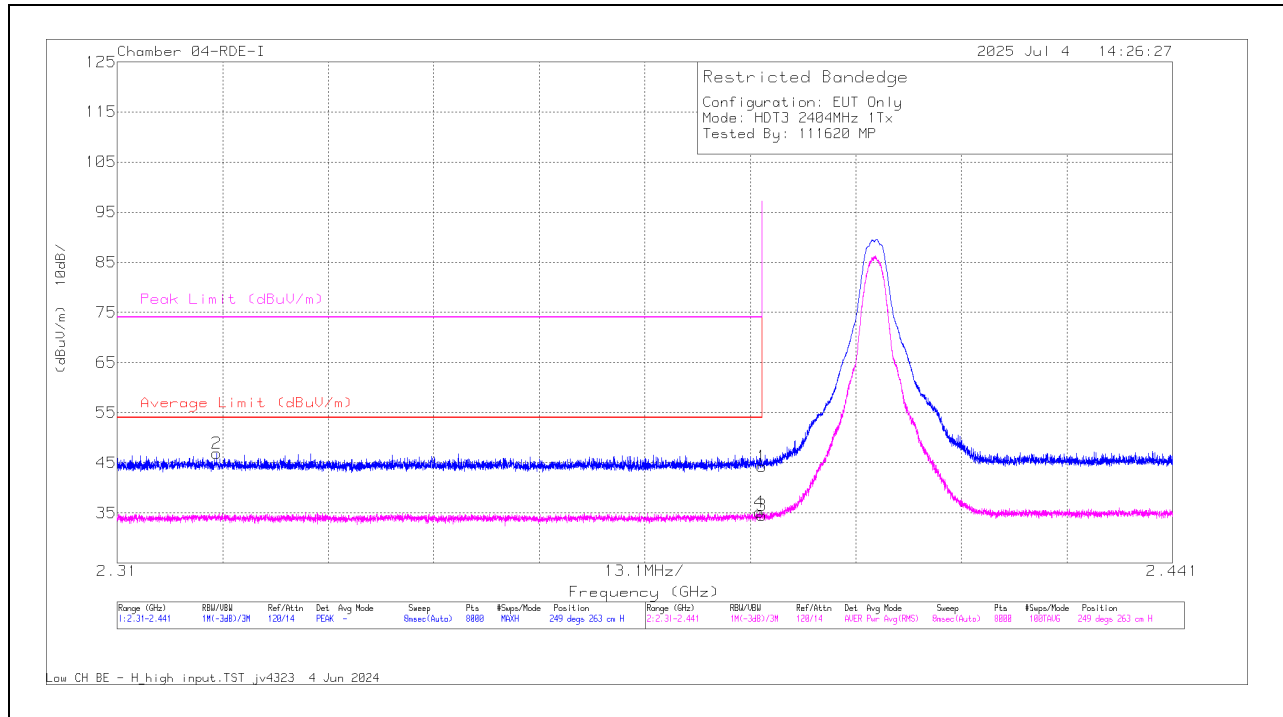


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACI (dB/m)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	55.57	Pk	32.3	-29.5	0	58.37	-	-	74	-15.63	125	384	V
2	* 2.483675	56.09	Pk	32.3	-29.5	0	58.89	-	-	74	-15.11	125	384	V
3	* 2.4835	45.38	RMS	32.3	-29.5	.23	48.41	54	-5.59	-	-	125	384	V
4	* 2.483507	45.61	RMS	32.3	-29.5	.23	48.64	54	-5.36	-	-	125	384	V

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

Pk - Peak detector

RMS - RMS detection

ANT 1**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

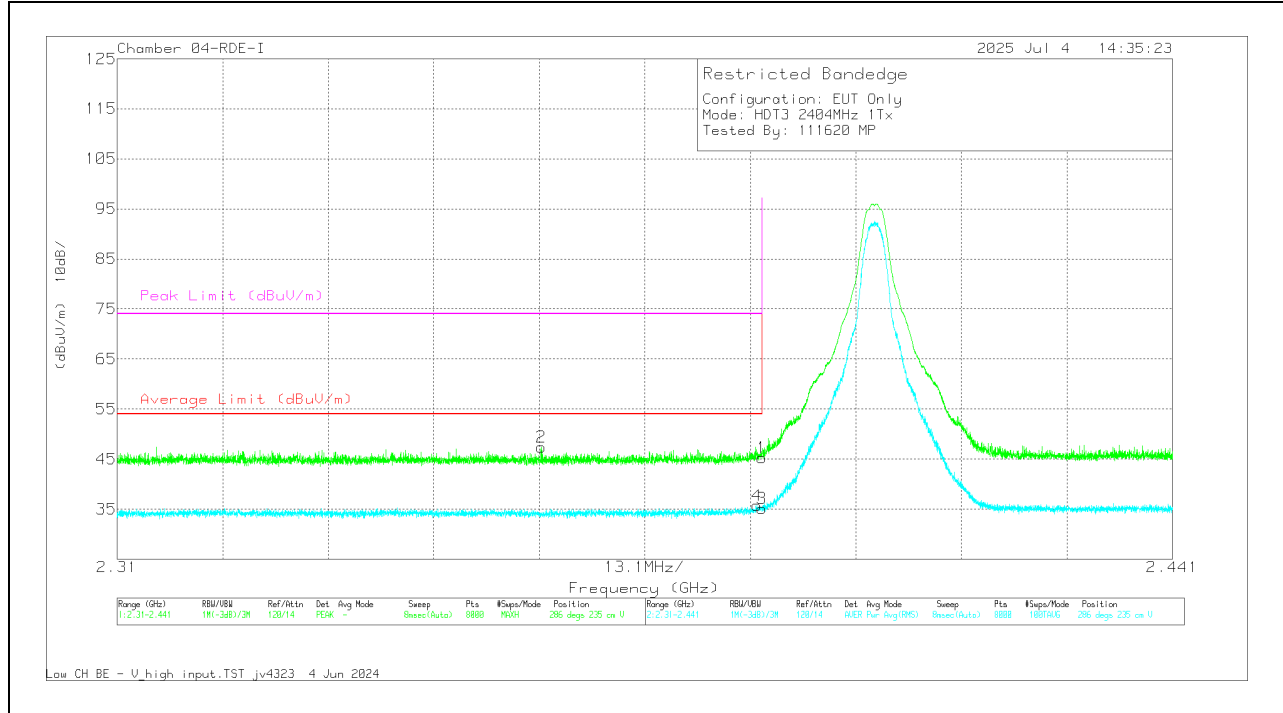
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.95	Pk	31.8	-29.5	0	44.25	-	-	74	-29.75	249	263	H
2	* 2.322348	44.61	Pk	31.6	-29.3	0	46.91	-	-	74	-27.09	249	263	H
3	* 2.39	32.02	RMS	31.8	-29.5	23	34.55	54	-19.45	-	-	249	263	H
4	* 2.38974	32.65	RMS	31.8	-29.5	23	35.18	54	-18.82	-	-	249	263	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

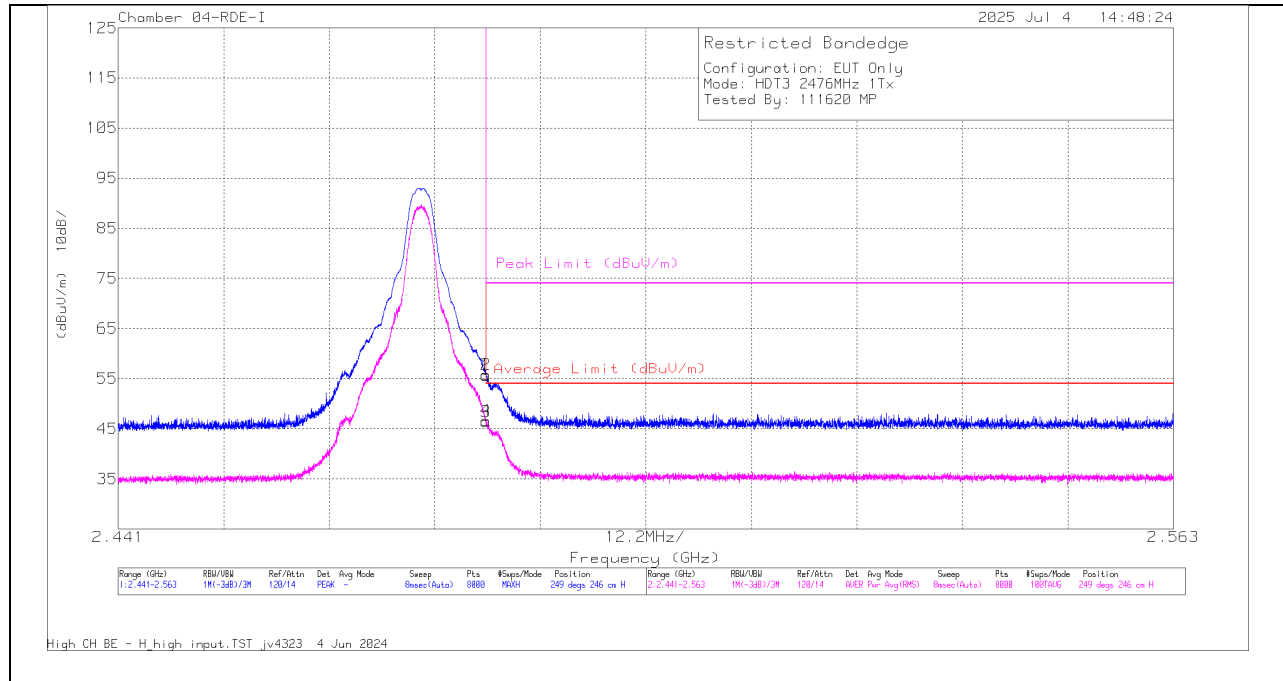


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Chl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.02	Pk	31.8	-29.5	0	45.32	-	-	74	-28.68	286	235	V
2	* 2.362619	45.35	Pk	31.7	-29.6	0	47.45	-	-	74	-26.55	286	235	V
3	* 2.39	32.63	RMS	31.8	-29.5	.23	35.16	54	-18.84	-	-	286	235	V
4	* 2.389379	33.17	RMS	31.8	-29.5	.23	35.7	54	-18.3	-	-	286	235	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

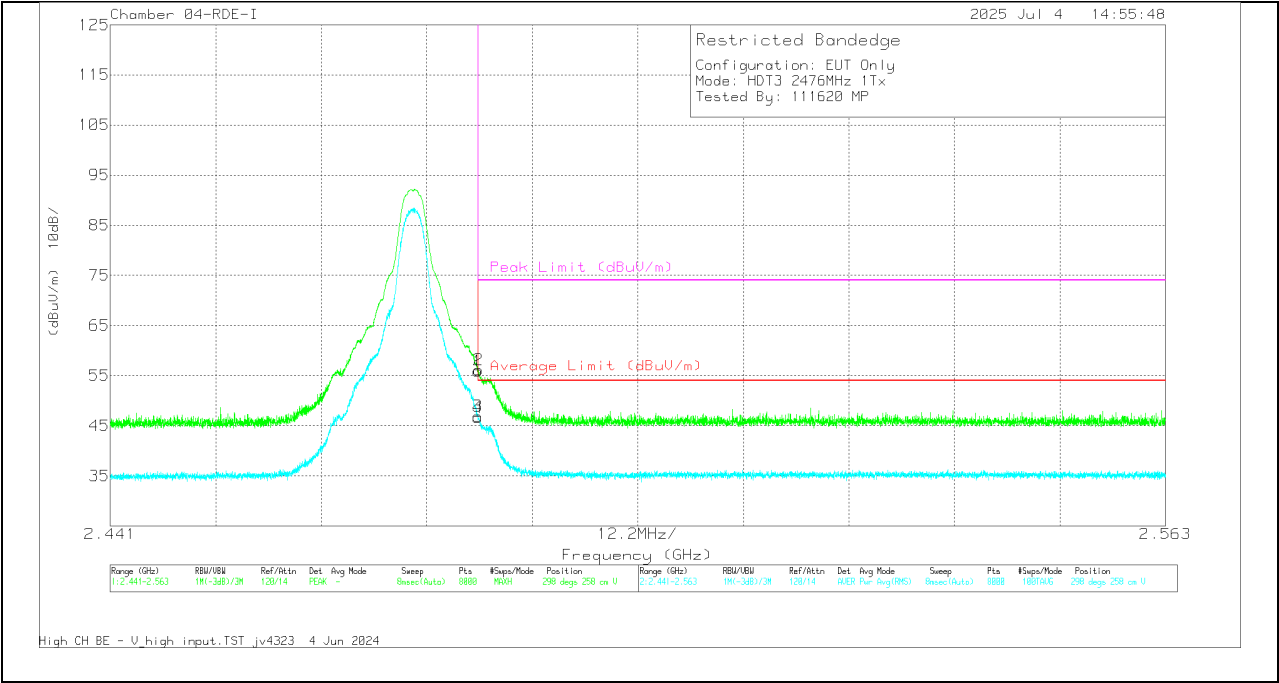
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	52.86	Pk	32.3	-29.5	0	55.66	-	-	74	-18.34	249	246	H
2	* 2.483507	52.96	Pk	32.3	-29.5	0	55.76	-	-	74	-18.24	249	246	H
3	* 2.4835	43.36	RMS	32.3	-29.5	.23	46.39	54	-7.61	-	-	249	246	H
4	* 2.483523	43.59	RMS	32.3	-29.5	.23	46.62	54	-7.38	-	-	249	246	H

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

Pk - Peak detector

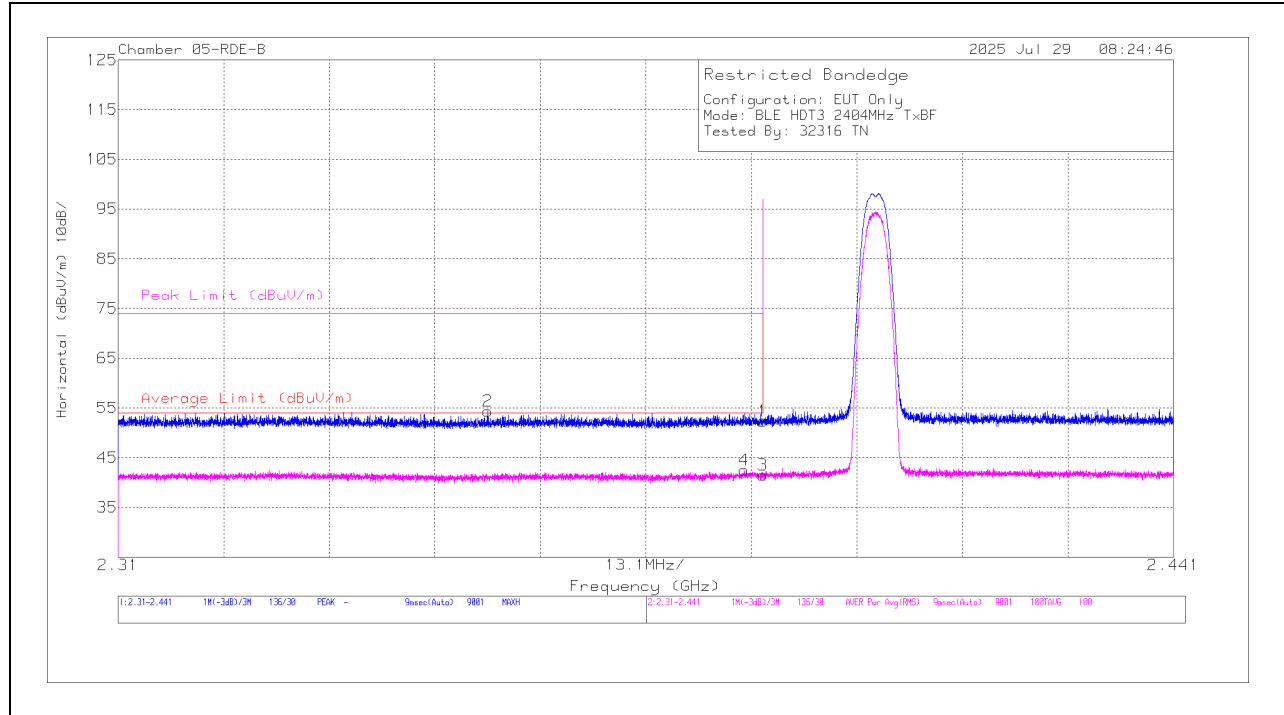
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222740 ACF (dB/m)	Amp/Ch (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	53.08	Pk	32.3	-29.5	0	55.88	-	-	74	-18.12	298	258	V
2	* 2.483584	53.35	Pk	32.3	-29.5	0	56.15	-	-	74	-17.85	298	258	V
3	* 2.4835	43.92	RMS	32.3	-29.5	23	46.95	54	-7.05	-	-	298	258	V
4	* 2.483507	43.66	RMS	32.3	-29.5	23	46.69	54	-7.31	-	-	298	258	V

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

10.2.16. LOW POWER BLE TXBF (HDT3)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

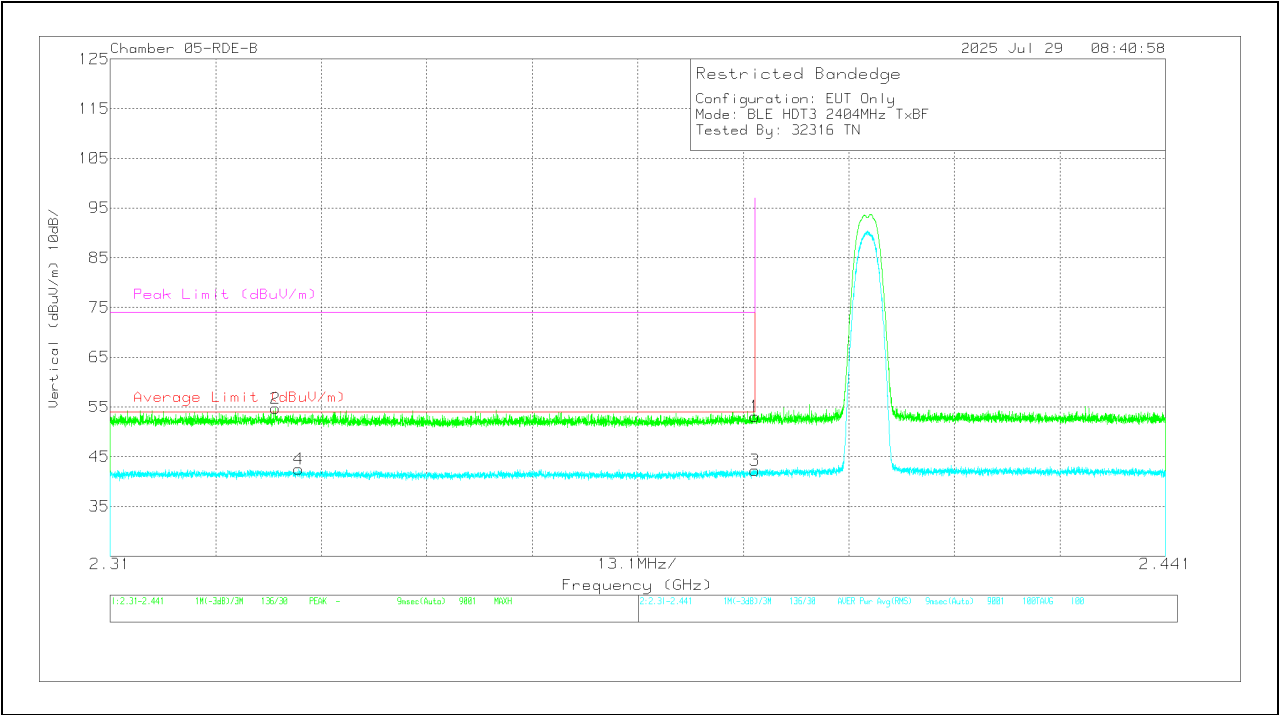
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.355866	62.89	Pk	31.9	0	-40.44	54.35	-	-	74	-19.65	263	103	H
4	*2.387729	50.64	RMS	32	.23	-40.38	42.49	54	-11.51	-	-	263	103	H
1	*2.39	60.74	Pk	32	0	-40.39	52.35	-	-	74	-21.65	263	103	H
3	*2.39	49.66	RMS	32	.23	-40.39	41.5	54	-12.5	-	-	263	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



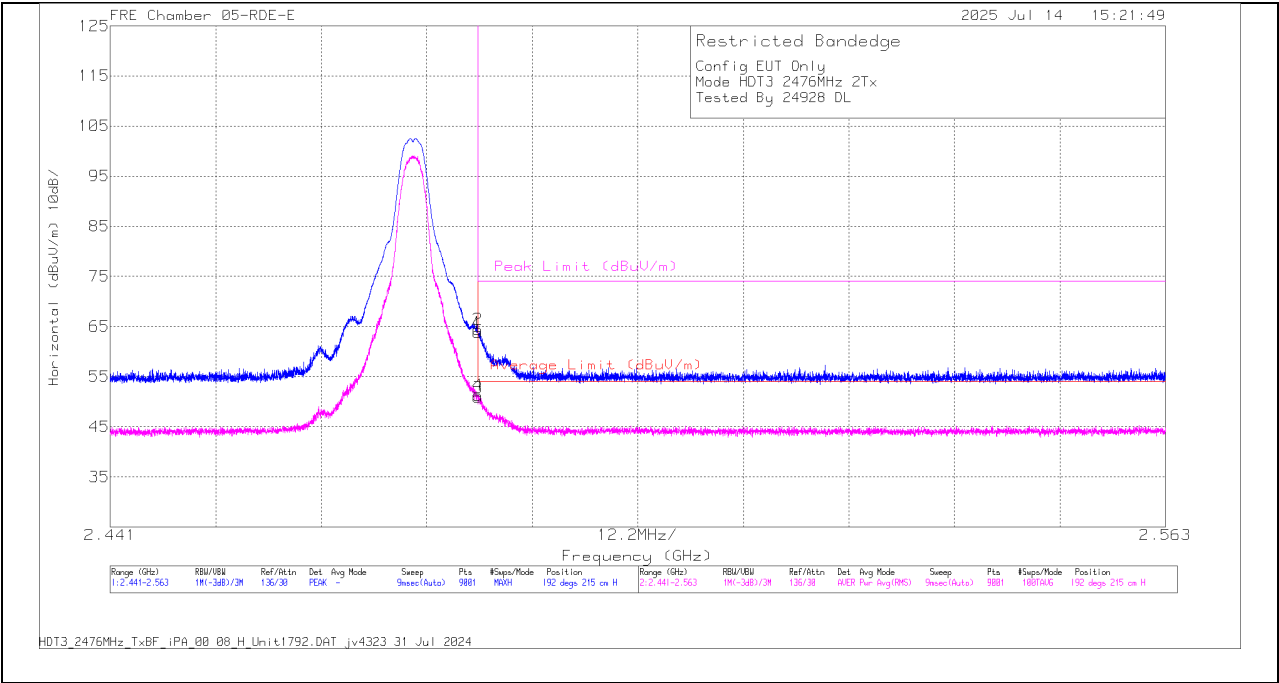
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.330495	63.48	Pk	31.8	0	-40.59	54.69	-	-	74	-19.31	303	351	V
4	*2.333406	51.12	RMS	31.8	23	-40.6	42.55	54	-11.45	-	-	303	351	V
1	*2.39	61.52	Pk	32	0	-40.39	53.13	-	-	74	-20.87	303	351	V
3	*2.39	50.38	RMS	32	23	-40.39	42.22	54	-11.78	-	-	303	351	V

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

Pk - Peak detector
RMS - RMS detection

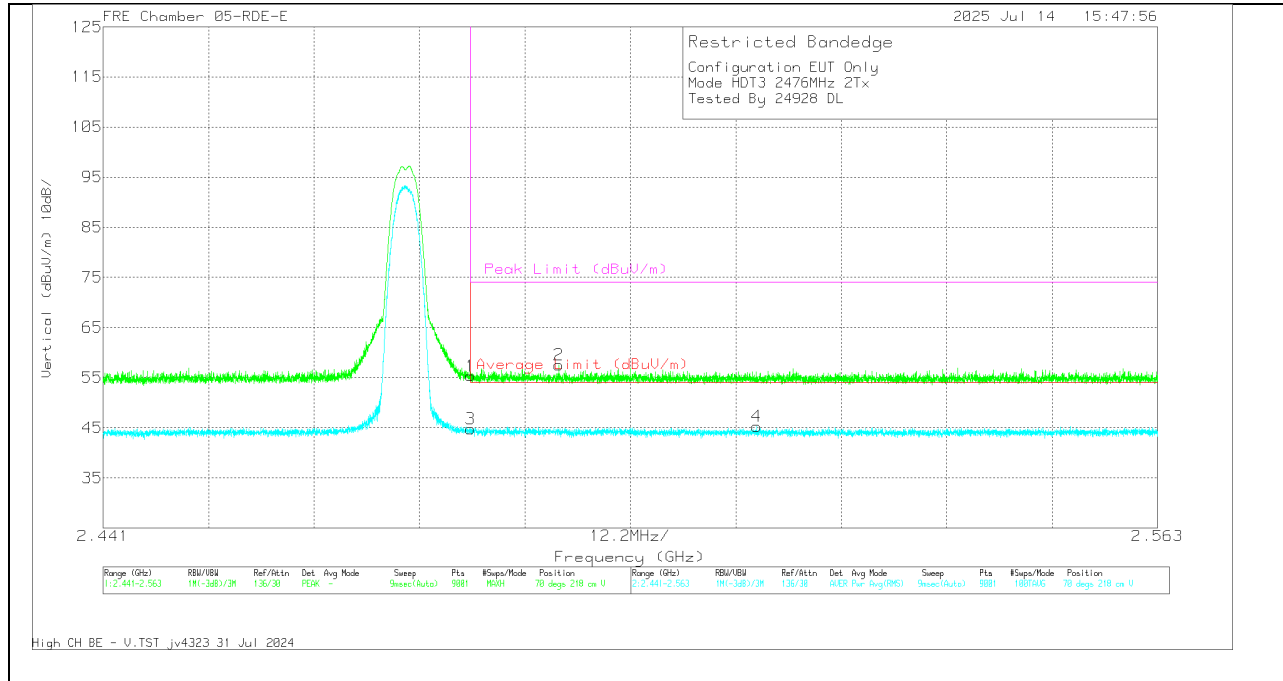
BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84454 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	69.02	Pk	32.4	0	-37.65	63.77	-	-	74	-10.23	192	215	H
2	* 2.483525	69.65	Pk	32.4	0	-37.65	64.4	-	-	74	-9.6	192	215	H
3	* 2.4835	55.86	RMS	32.4	.23	-37.65	50.84	54	-3.16	-	-	192	215	H
4	* 2.483512	56.35	RMS	32.4	.23	-37.65	51.33	54	-2.67	-	-	192	215	H

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80404 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	60.59	Pk	32.4	0	-37.65	55.34	-	-	74	-18.66	70	218	V
2	* 2.493706	62.81	Pk	32.4	0	-37.7	57.51	-	-	74	-16.49	70	218	V
3	* 2.4835	49.74	RMS	32.4	23	-37.65	44.72	54	-9.28	-	-	70	218	V
4	2.516629	50.26	RMS	32.4	23	-37.6	45.29	54	-8.71	-	-	70	218	V

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

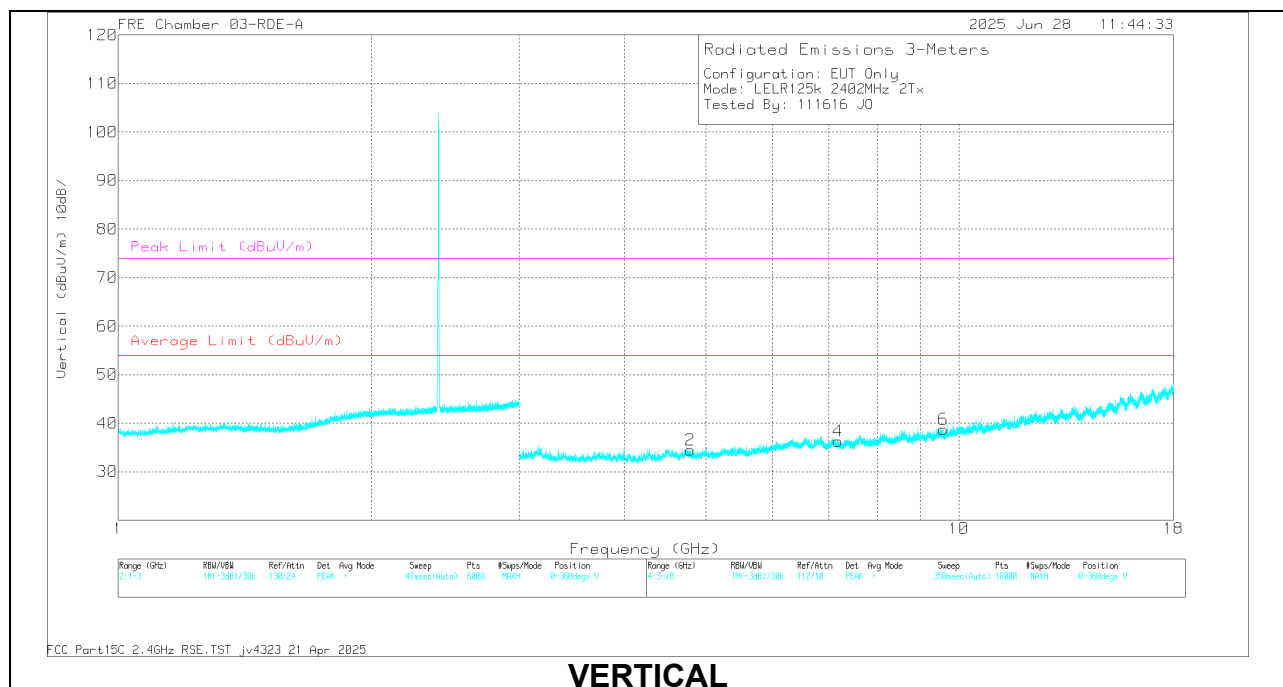
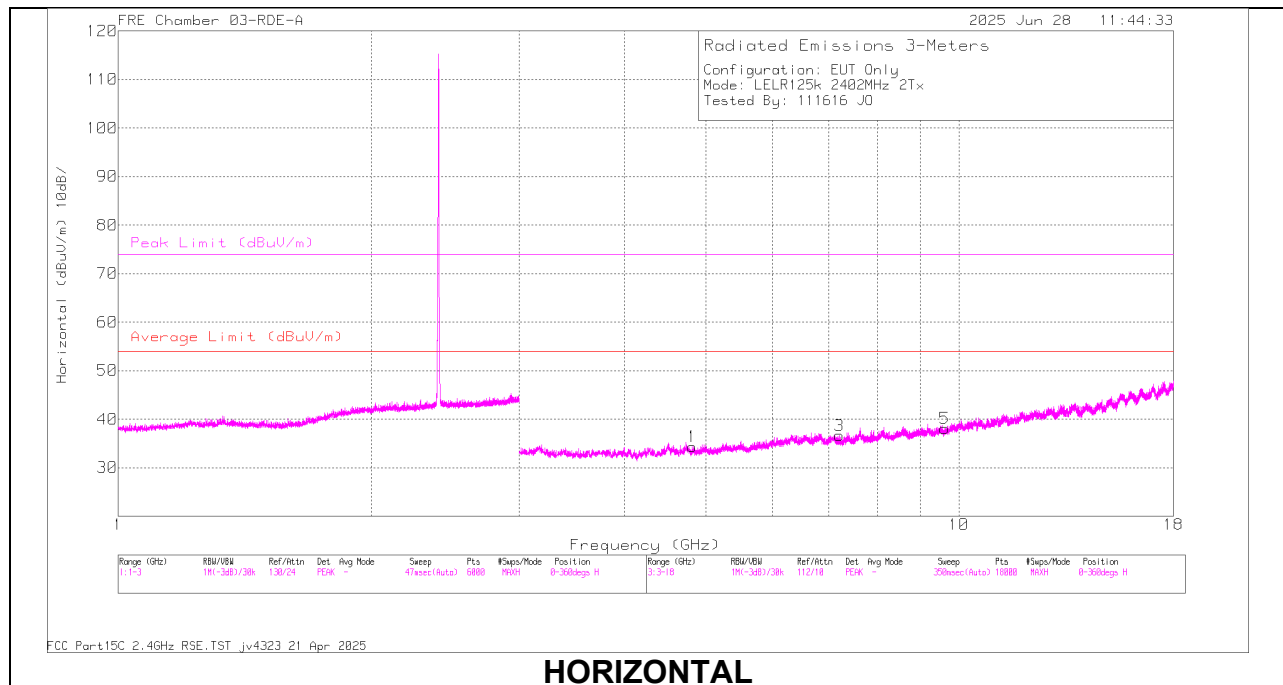
Pk - Peak detector

RMS - RMS detection

10.2.17. WORST CASE HARMONICS AND SPURIOUS EMISSIONS

125kbps

LOW CHANNEL RESULTS



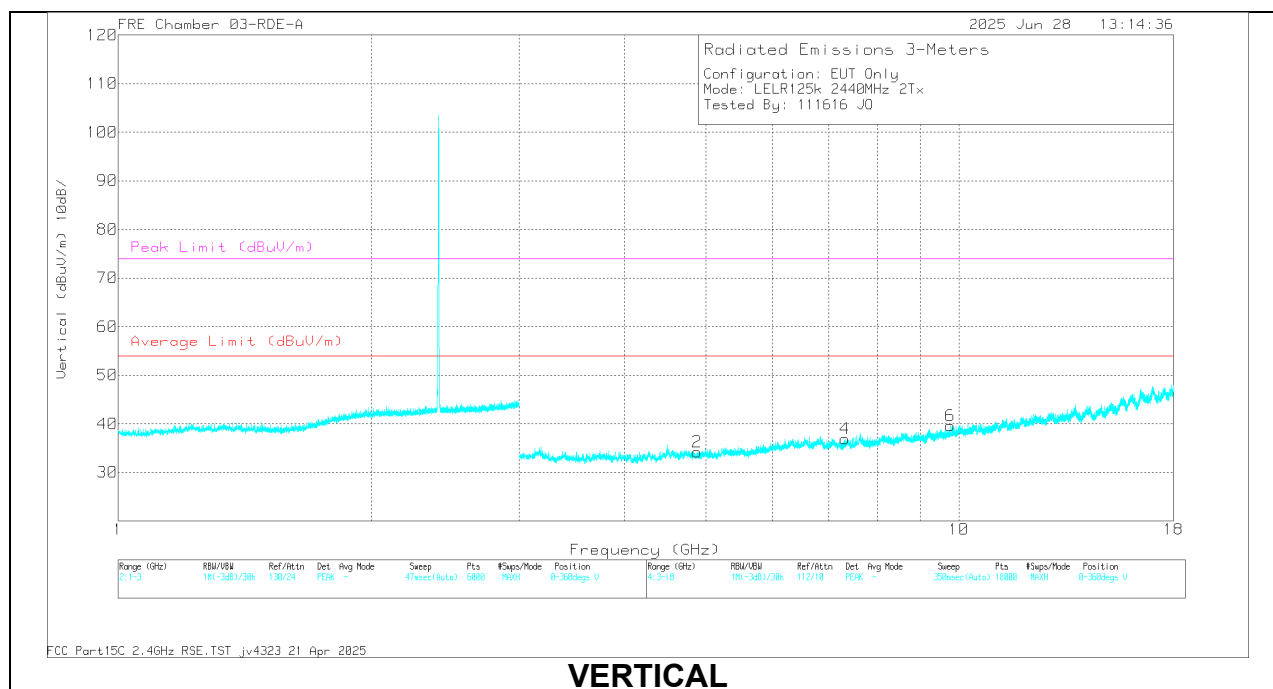
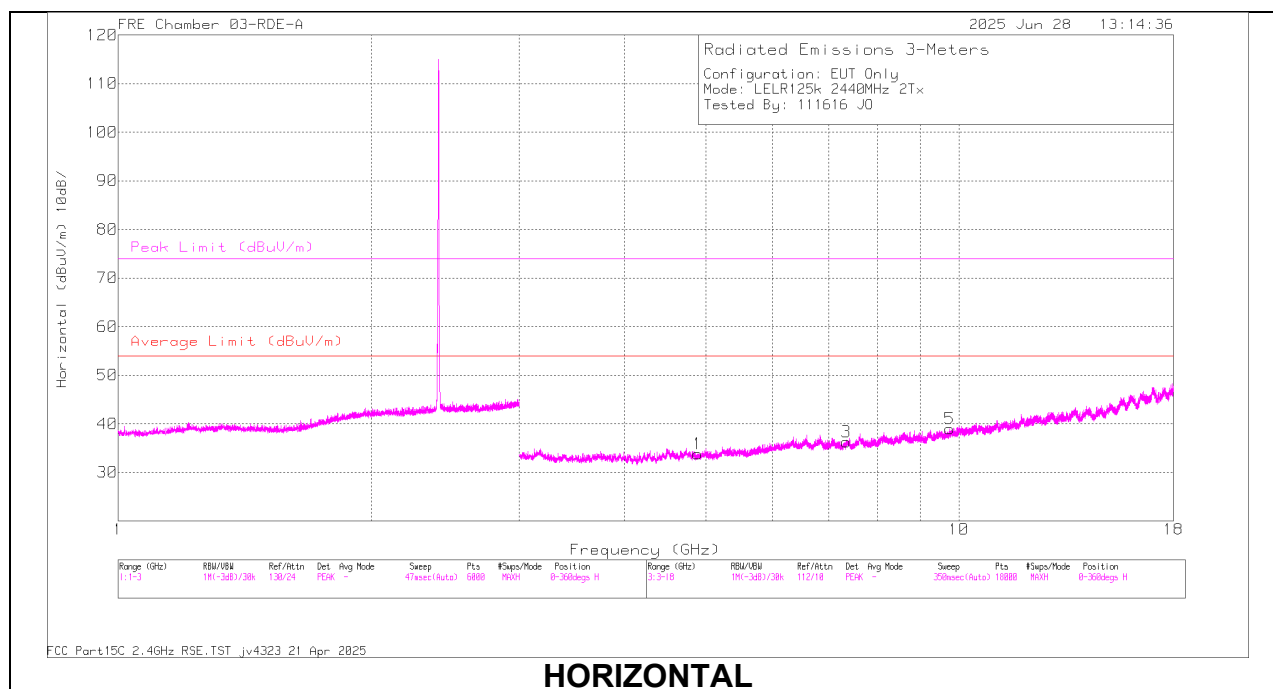
Radiated Emissions

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 (Dogs)	Height (cm)	Polarity
1	* 4.822547	55.88	PK2	34	0	-47.7	42.18	-	-	74	-31.82	5	342	H
1	* 4.822899	42.58	MAv1	34	.11	-47.7	28.99	54	-25.01	-	-	5	342	H
2	* 4.787364	56.37	PK2	34	0	-48.2	42.17	-	-	74	-31.83	81	296	V
2	* 4.786552	43.18	MAv1	34	.11	-48.16	29.13	54	-24.87	-	-	81	296	V
4	7.180922	54.85	PK2	35.8	0	-45.99	44.66	-	-	-	-	331	354	V
4	7.182678	41.2	MAv1	35.8	.11	-46	31.11	-	-	-	-	331	354	V
3	7.211449	41.26	MAv1	35.8	.11	-46	31.17	-	-	-	-	124	370	H
3	7.212586	53.99	PK2	35.8	0	-46	43.79	-	-	-	-	124	370	H
6	9.592569	54.47	PK2	36.6	0	-45.2	45.87	-	-	-	-	196	246	V
6	9.595072	41.39	MAv1	36.6	.11	-45.31	32.79	-	-	-	-	196	246	V
5	9.613223	55.13	PK2	36.6	0	-45.38	46.35	-	-	-	-	114	241	H
5	9.614921	41.36	MAv1	36.6	.11	-45.3	32.77	-	-	-	-	114	241	H

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



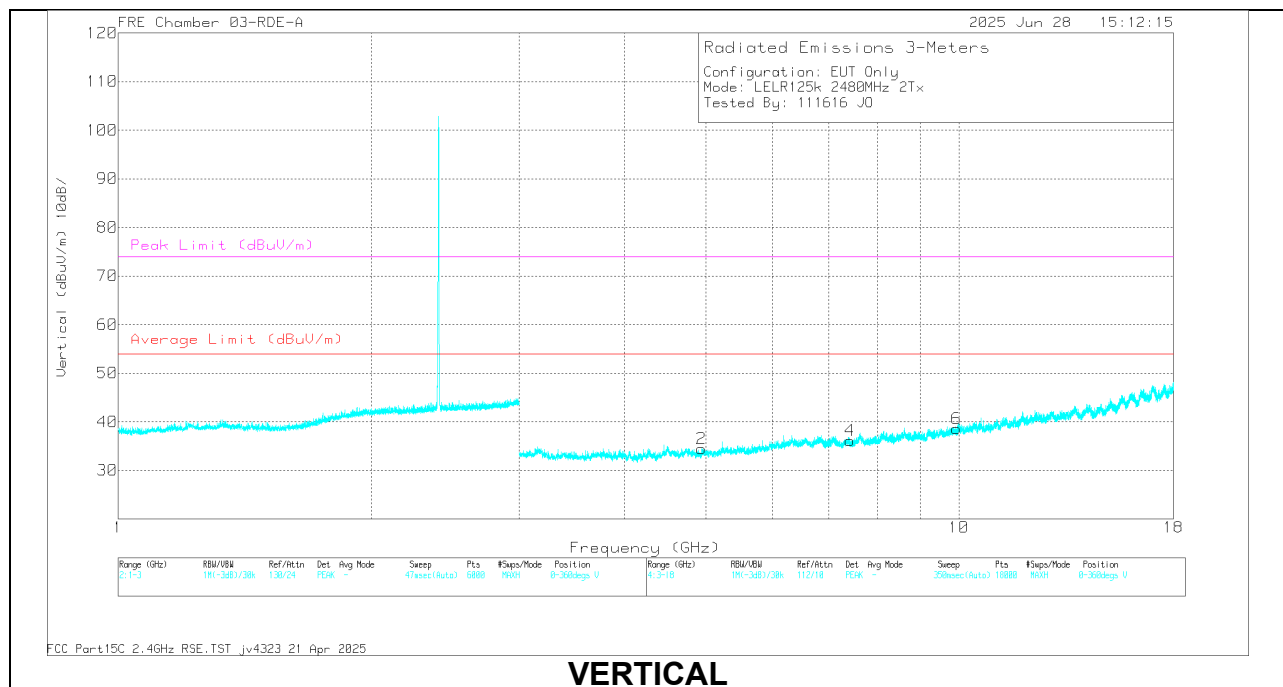
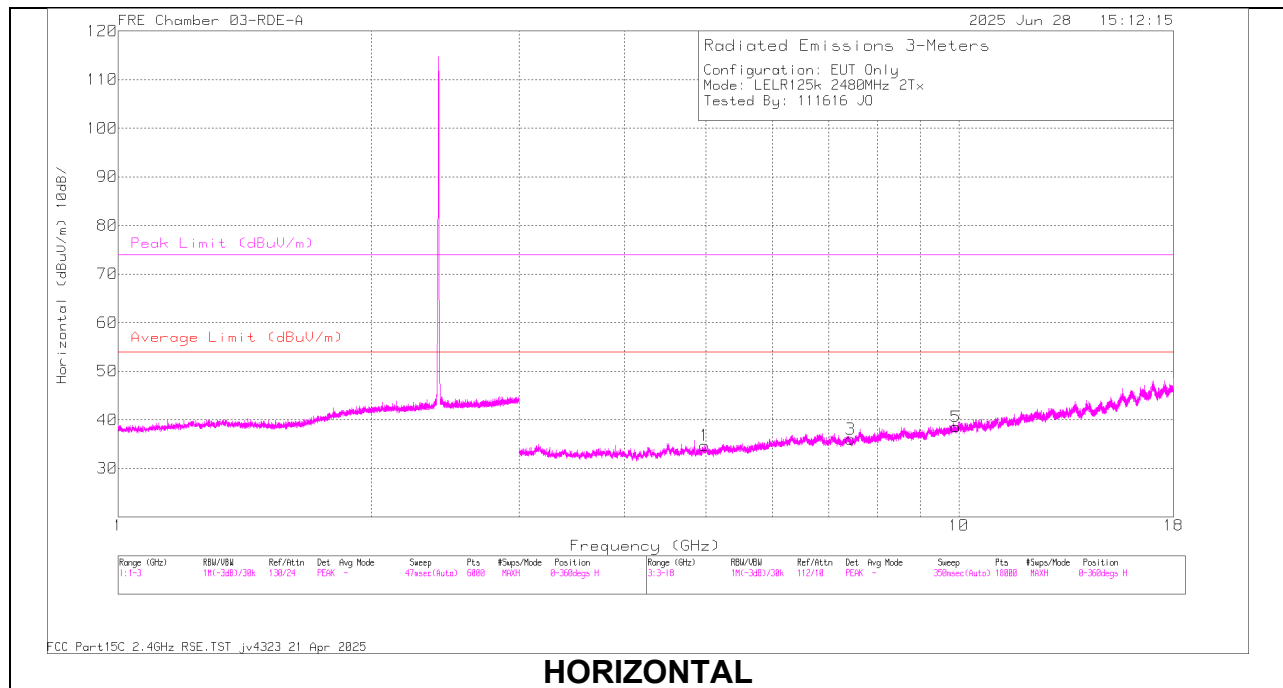
Radiated Emissions

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 (Dogs)	Height (cm)	Polarity
1	* 4.893299	56.7	PK2	34	0	-48	42.7	-	-	74	-31.3	120	294	H
1	* 4.895014	42.99	MAV1	34	.11	-48	29.1	54	-24.9	-	-	120	294	H
3	* 7.340751	54.22	PK2	35.8	0	-45.68	44.34	-	-	74	-29.66	82	216	H
3	* 7.340159	41.09	MAV1	35.8	.11	-45.62	31.38	54	-22.62	-	-	82	216	H
2	* 4.881107	56.3	PK2	34	0	-48	42.3	-	-	74	-31.7	73	225	V
2	* 4.879287	42.73	MAV1	34	.11	-47.93	28.91	54	-25.09	-	-	73	225	V
4	* 7.325503	53.96	PK2	35.8	0	-45.7	44.06	-	-	74	-29.94	286	226	V
4	* 7.324736	41.11	MAV1	35.8	.11	-45.7	31.32	54	-22.68	-	-	286	226	V
5	9.760204	55.17	PK2	36.8	0	-45.2	46.77	-	-	-	-	356	320	H
5	9.760663	41.71	MAV1	36.8	.11	-45.2	33.42	-	-	-	-	356	320	H
6	9.768865	55.08	PK2	36.8	0	-44.99	46.89	-	-	-	-	235	309	V
6	9.771593	41.76	MAV1	36.8	.11	-45.16	33.51	-	-	-	-	235	309	V

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



Radiated Emissions

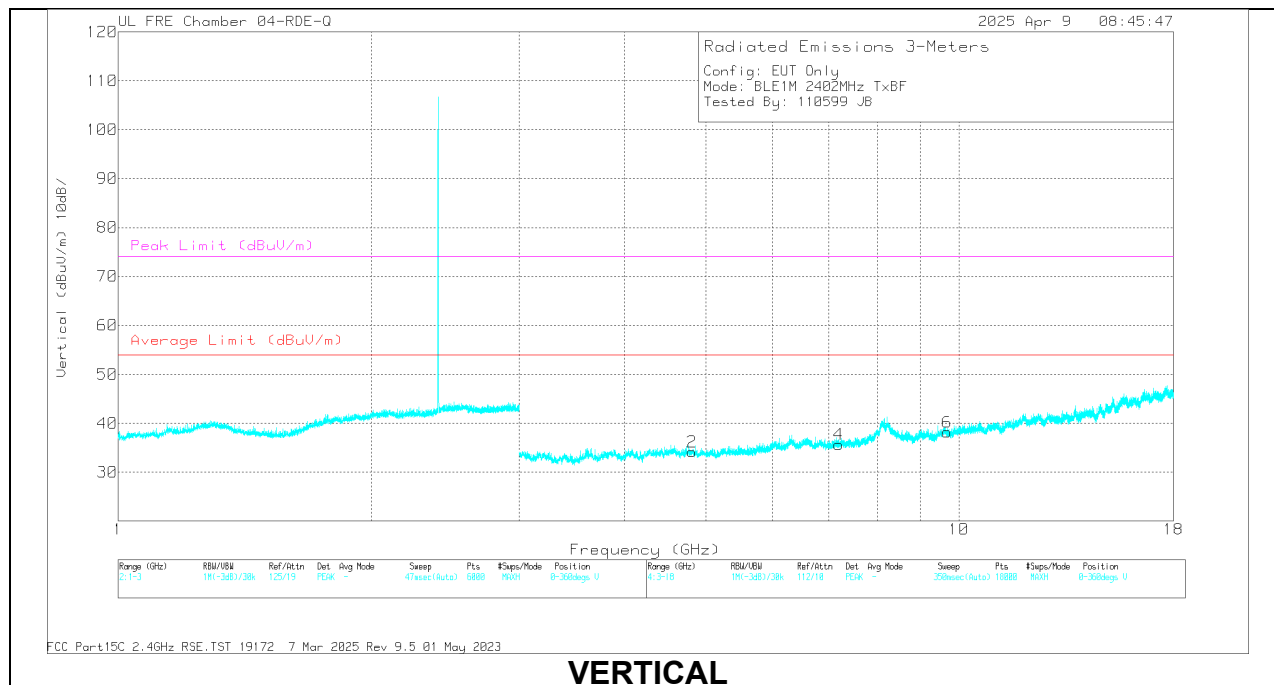
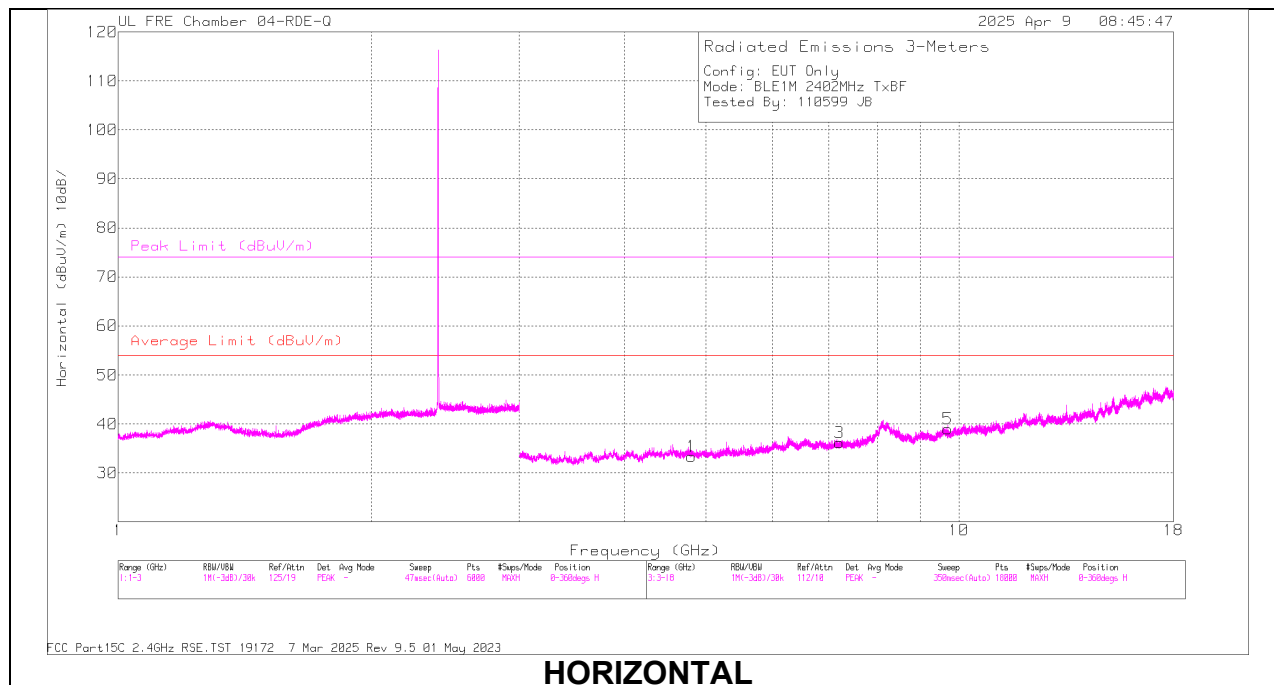
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Dogs)	Height (cm)	Polarity
1	* 4.978748	56.46	PK2	34	0	-47.9	42.56	-	-	74	-31.44	86	277	H
1	* 4.979912	43.19	MAV1	34	.11	-47.9	29.4	54	-24.6	-	-	86	277	H
3	* 7.435555	54.04	PK2	35.8	0	-46.2	43.64	-	-	74	-30.36	92	125	H
3	* 7.435753	41.28	MAV1	35.8	.11	-46.2	30.99	54	-23.01	-	-	92	125	H
2	* 4.94271	55.99	PK2	34	0	-48	41.99	-	-	74	-32.01	70	358	V
2	* 4.943293	43.02	MAV1	34	.11	-48	29.13	54	-24.87	-	-	70	358	V
4	* 7.419289	54.64	PK2	35.8	0	-46	44.44	-	-	74	-29.56	21	378	V
4	* 7.419171	41.31	MAV1	35.8	.11	-46	31.22	54	-22.78	-	-	21	378	V
5	9.927232	53.88	PK2	37.1	0	-45.02	45.96	-	-	-	-	118	377	H
5	9.9296	41.19	MAV1	37.1	.11	-45.16	33.24	-	-	-	-	118	377	H
6	9.935278	41.24	MAV1	37.1	.11	-45.1	33.35	-	-	-	-	30	289	V
6	9.935318	54.38	PK2	37.1	0	-45.1	46.38	-	-	-	-	30	289	V

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

1Mbps

LOW CHANNEL RESULTS



Radiated Emissions

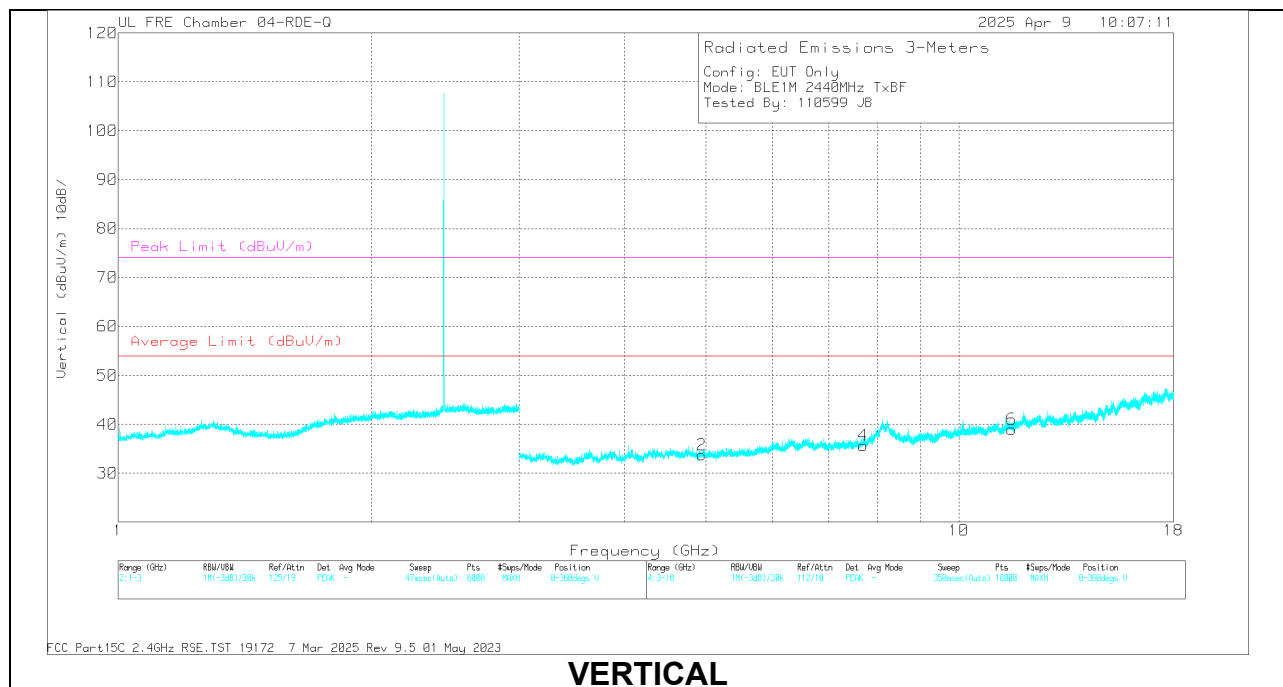
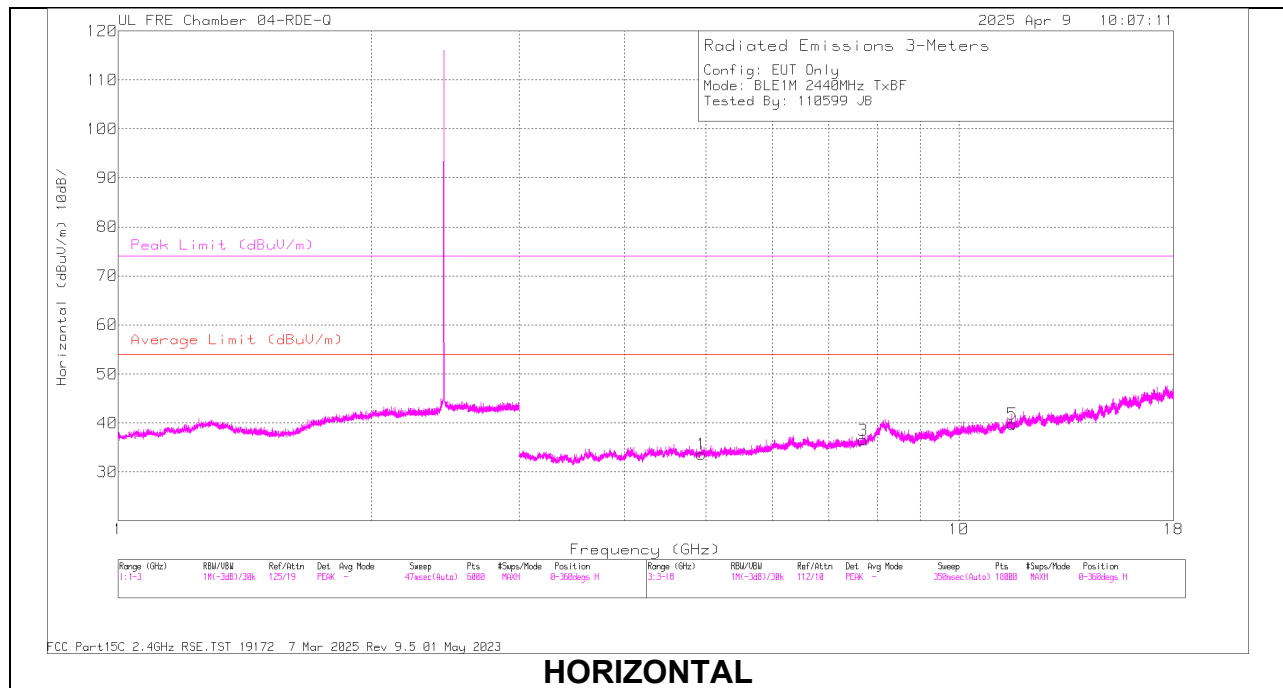
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.814004	57.01	PK2	34.3	0	-46.36	44.95	-	-	74	-29.05	93	388	H
1	*4.815496	45.39	MAv1	34.3	0.72	-46.45	33.96	54	-20.04	-	-	93	388	H
2	*4.817456	45.37	MAv1	34.3	0.72	-46.53	33.86	54	-20.14	-	-	166	347	V
2	*4.817857	57.15	PK2	34.3	0	-46.52	44.93	-	-	74	-29.07	166	347	V
4	7.198393	44	MAv1	35.6	0.72	-44.67	35.65	-	-	-	-	38	392	V
4	7.199408	55.72	PK2	35.6	0	-44.69	46.63	-	-	-	-	38	392	V
3	7.206503	43.95	MAv1	35.6	0.72	-44.63	35.64	-	-	-	-	301	297	H
3	7.208686	55.59	PK2	35.6	0	-44.58	46.61	-	-	-	-	301	297	H
6	9.693043	44.2	MAv1	36.9	0.72	-43.74	38.08	-	-	-	-	67	279	V
6	9.693391	56	PK2	36.9	0	-43.74	49.16	-	-	-	-	67	279	V
5	9.698619	56.04	PK2	36.9	0	-43.79	49.15	-	-	-	-	80	143	H
5	9.700354	44.09	MAv1	36.9	0.72	-43.82	37.89	-	-	-	-	80	143	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



Radiated Emissions

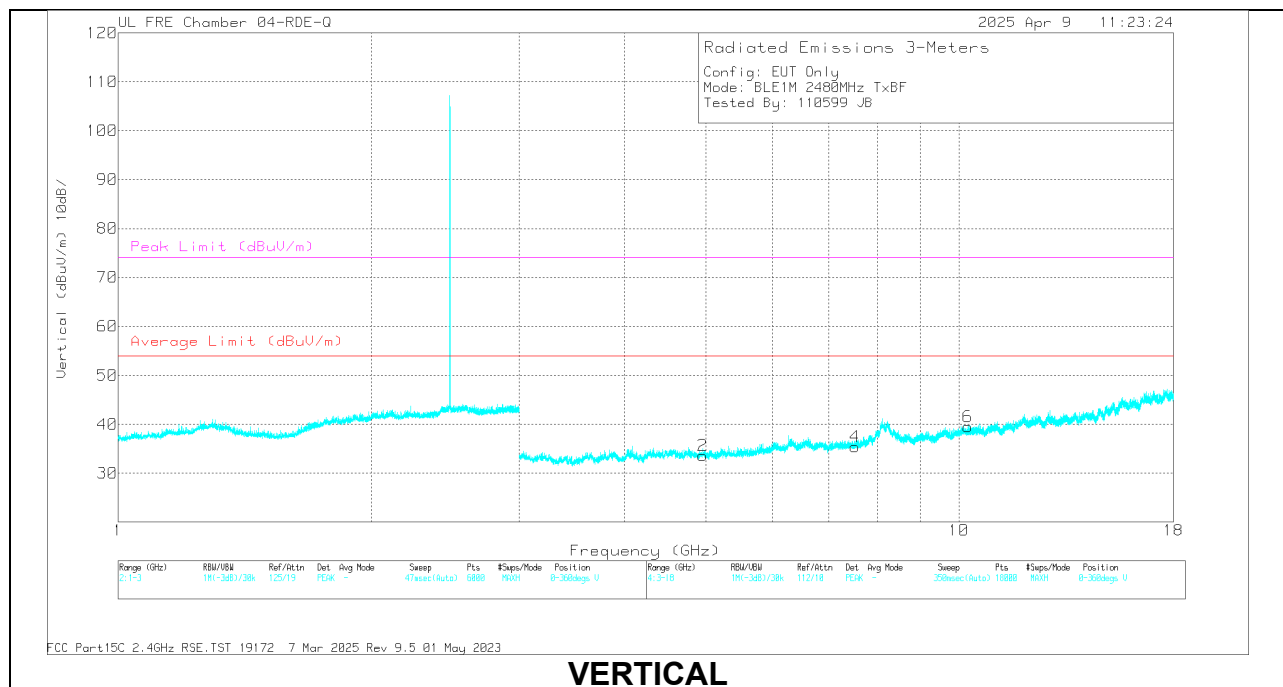
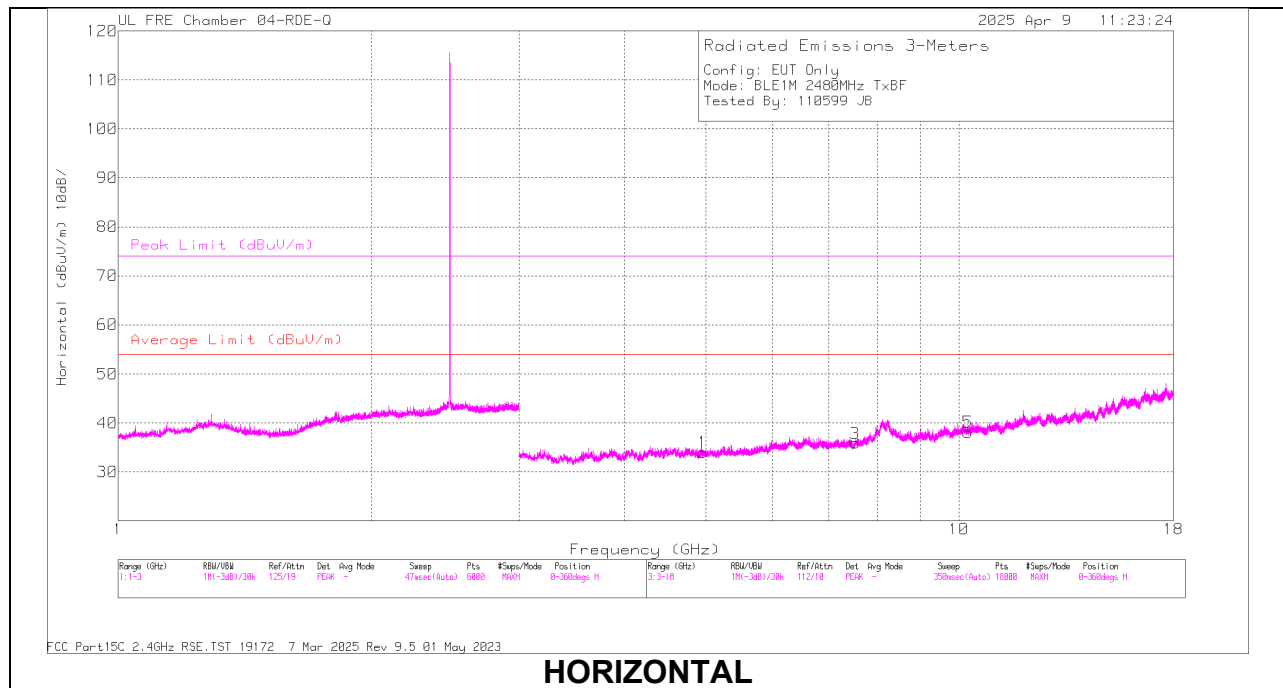
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.937856	44.82	MAv1	34.3	0.72	-45.99	33.85	54	-20.15	-	-	6	395	H
1	*4.939981	57.16	PK2	34.3	0	-46	45.46	-	-	74	-28.54	6	395	H
2	*4.946333	56.3	PK2	34.4	0	-46.16	44.54	-	-	74	-29.46	73	133	V
2	*4.947291	44.6	MAv1	34.4	0.72	-46.2	33.52	54	-20.48	-	-	73	133	V
3	7.688596	44.01	MAv1	35.6	0.72	-44.27	36.06	-	-	-	-	214	309	H
3	7.690667	55.44	PK2	35.6	0	-44.21	46.83	-	-	-	-	214	309	H
4	7.691685	43.74	MAv1	35.6	0.72	-44.19	35.87	-	-	-	-	110	279	V
4	7.69176	55.2	PK2	35.6	0	-44.18	46.62	-	-	-	-	110	279	V
5	*11.561587	55.42	PK2	38.4	0	-43.56	50.26	-	-	74	-23.74	238	354	V
5	*11.564592	43.72	MAv1	38.4	0.72	-43.54	39.3	54	-14.7	-	-	238	354	V
6	*11.572505	55.2	PK2	38.4	0	-43.48	50.12	-	-	74	-23.88	111	292	H
6	*11.573157	43.97	MAv1	38.4	0.72	-43.48	39.61	54	-14.39	-	-	111	292	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



Radiated Emissions

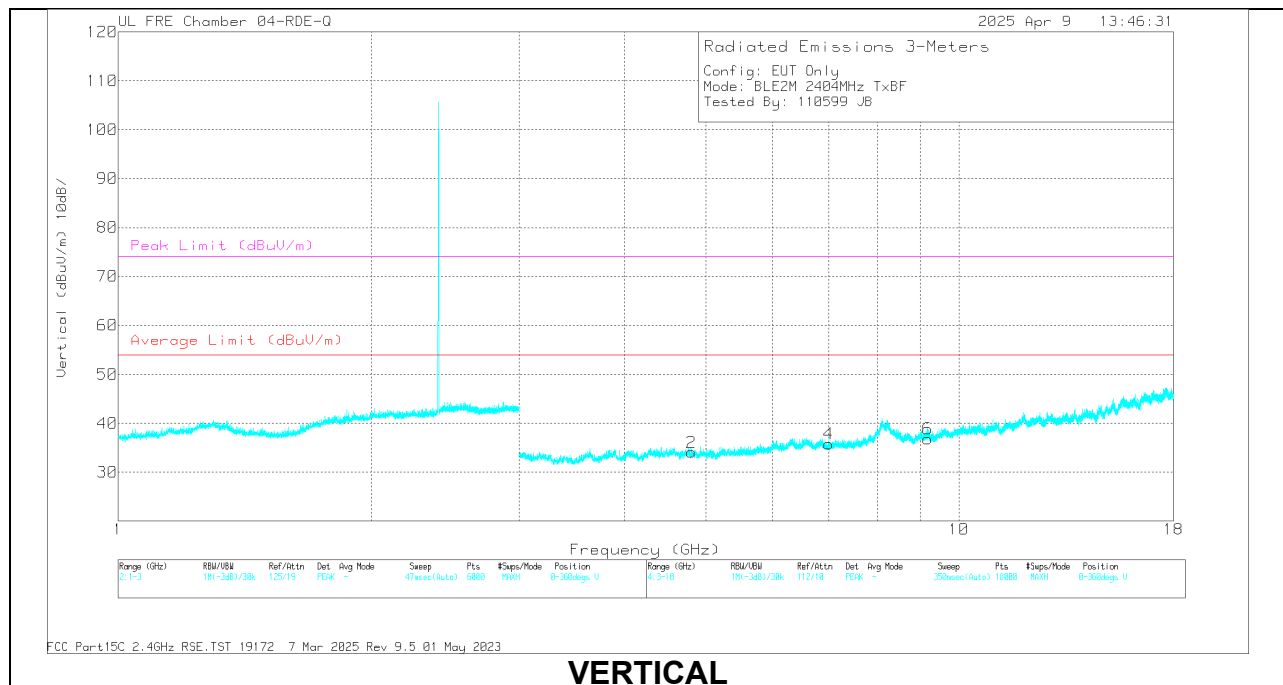
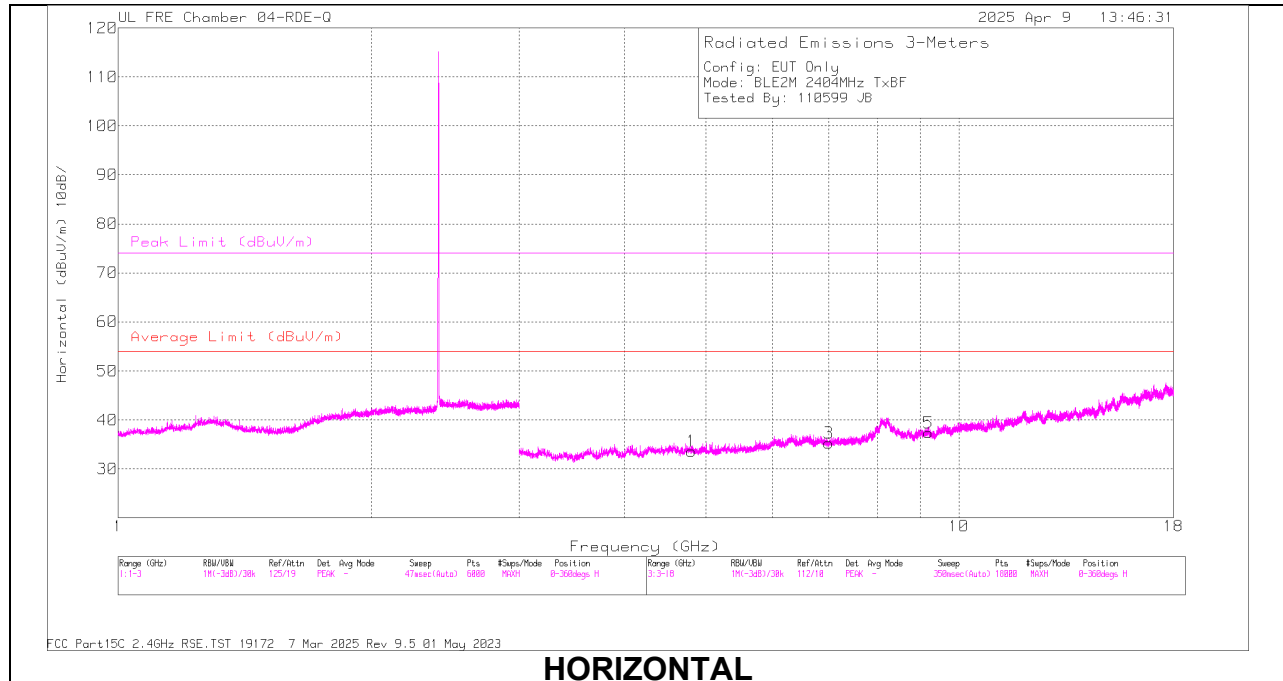
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*4.955011	56.65	PK2	34.4	0	-46.2	44.85	-	-	74	-29.15	330	266	V
2	*4.955933	44.68	MAv1	34.4	0.72	-46.26	33.54	54	-20.46	-	-	330	266	V
1	*4.959541	56.51	PK2	34.4	0	-46.33	44.58	-	-	74	-29.42	63	232	H
1	*4.961934	44.89	MAv1	34.3	0.72	-46.3	33.61	54	-20.39	-	-	63	232	H
3	*7.517326	55.74	PK2	35.6	0	-44.09	47.25	-	-	74	-26.75	105	170	V
3	*7.520624	43.31	MAv1	35.6	0.72	-43.96	35.67	54	-18.33	-	-	105	170	V
4	*7.520984	54.25	PK2	35.6	0	-43.94	45.91	-	-	74	-28.09	249	145	H
4	*7.524019	43.1	MAv1	35.6	0.72	-43.9	35.52	54	-18.48	-	-	249	145	H
5	10.248618	55.97	PK2	37.5	0	-44.16	49.31	-	-	-	-	9	385	V
5	10.249451	44.47	MAv1	37.5	0.72	-44.17	38.52	-	-	-	-	9	385	V
6	10.249566	55.36	PK2	37.5	0	-44.18	48.68	-	-	-	-	354	126	H
6	10.250879	44.02	MAv1	37.5	0.72	-44.2	38.04	-	-	-	-	354	126	H

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2Mbps

LOW CHANNEL RESULTS



Radiated Emissions

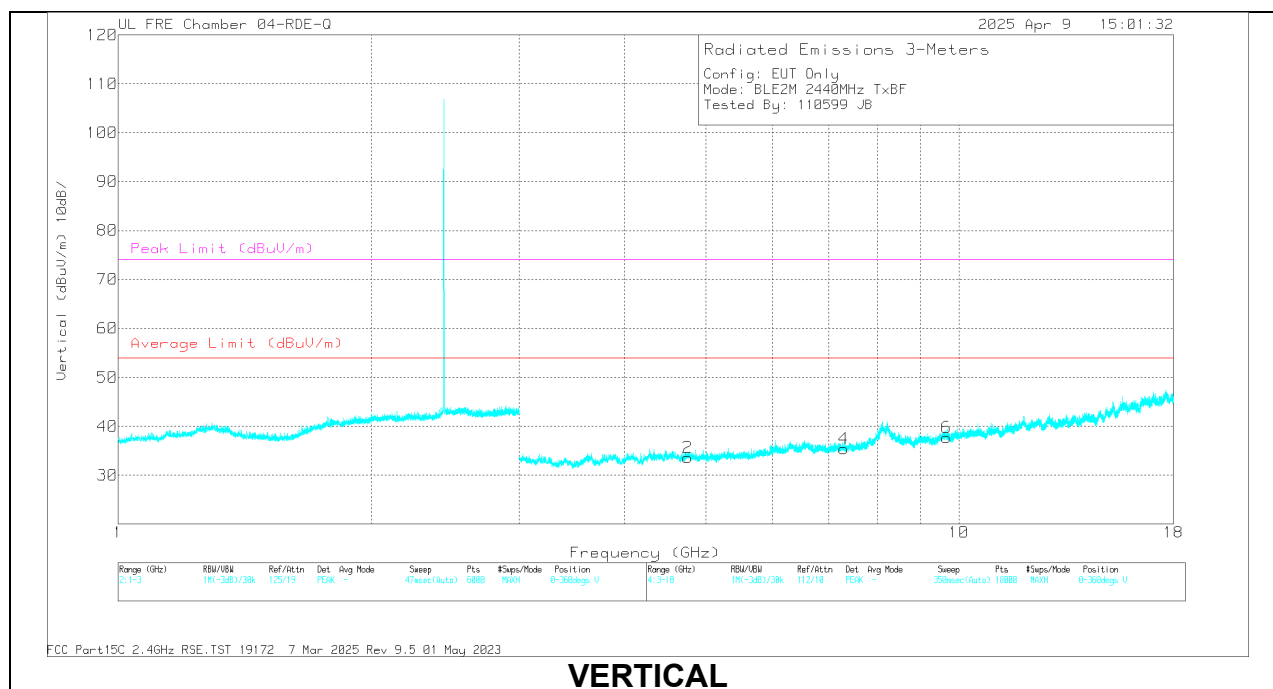
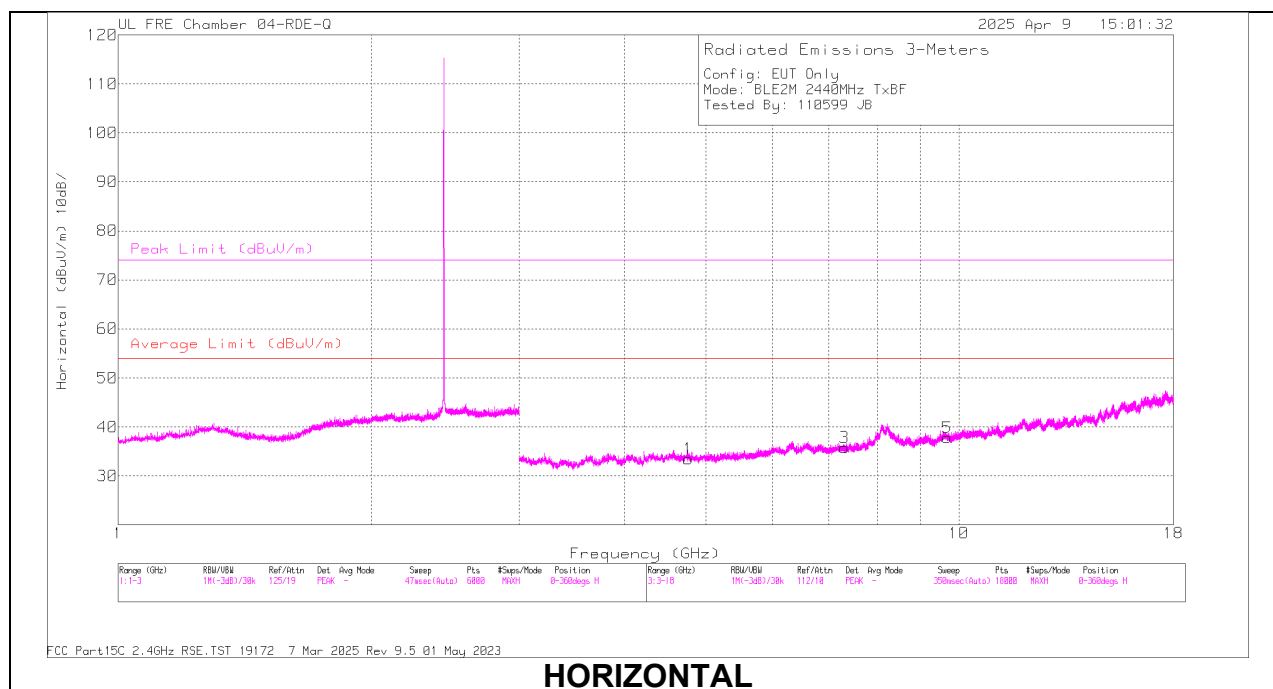
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.810904	45.29	MAv1	34.3	2.46	-46.41	35.64	54	-18.36	-	-	158	327	V
1	*4.810963	57.03	PK2	34.3	0	-46.41	44.92	-	-	74	-29.08	158	327	V
2	*4.813852	56.6	PK2	34.3	0	-46.36	44.54	-	-	74	-29.46	243	334	H
2	*4.814283	45.14	MAv1	34.3	2.46	-46.38	35.52	54	-18.48	-	-	243	334	H
4	6.994804	43.6	MAv1	35.5	2.46	-44.78	36.78	-	-	-	-	244	350	V
4	6.995826	55.19	PK2	35.5	0	-44.79	45.9	-	-	-	-	244	350	V
3	7.00468	55.17	PK2	35.6	0	-44.78	45.99	-	-	-	-	301	113	H
3	7.004937	43.4	MAv1	35.6	2.46	-44.78	36.68	-	-	-	-	301	113	H
6	*9.180033	55.46	PK2	36.2	0	-43.52	48.14	-	-	74	-25.86	7	335	V
6	*9.181186	44.11	MAv1	36.2	2.46	-43.53	39.24	54	-14.76	-	-	7	335	V
5	*9.195633	44.3	MAv1	36.2	2.46	-43.46	39.5	54	-14.5	-	-	135	392	H
5	*9.195858	56.55	PK2	36.2	0	-43.46	49.29	-	-	74	-24.71	135	392	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



Radiated Emissions

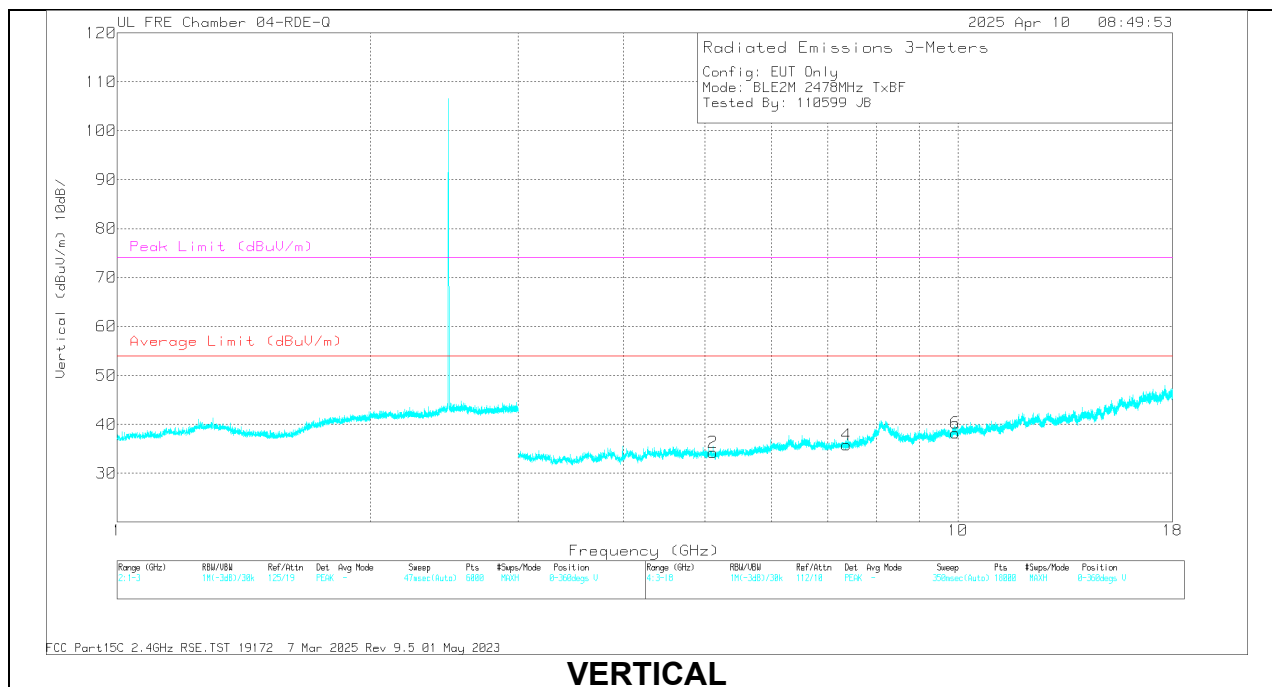
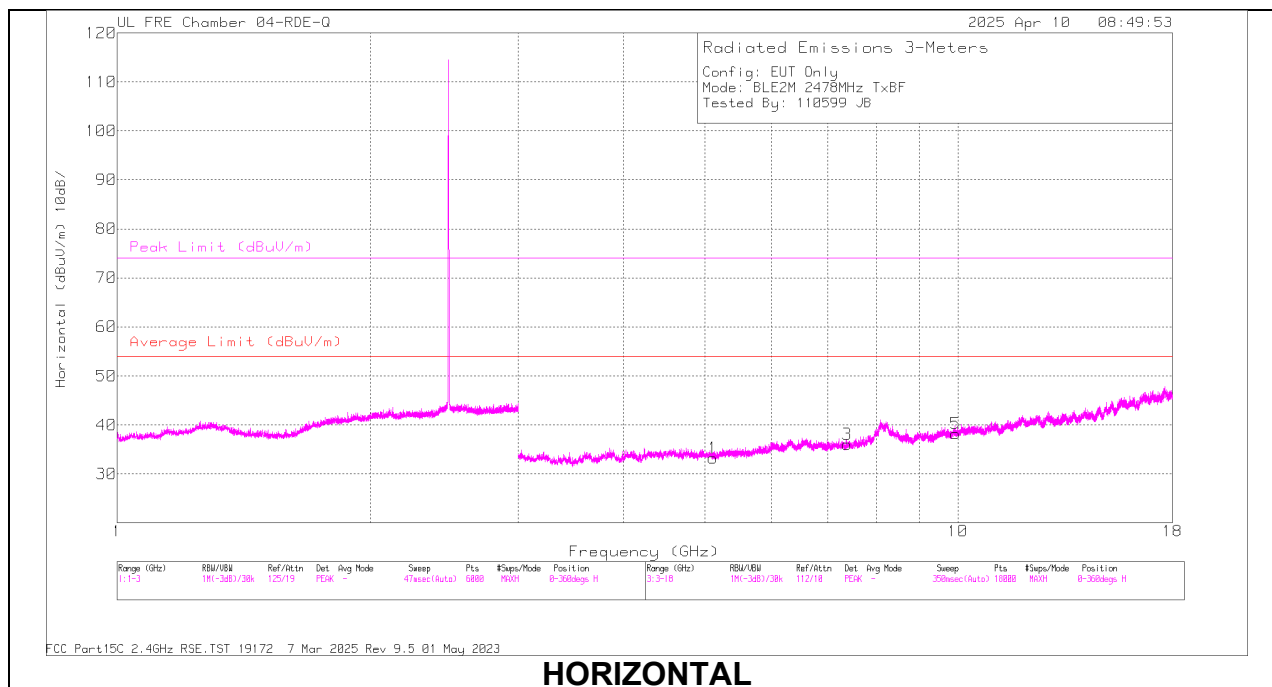
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*4.754454	56.66	PK2	34.2	0	-46.24	44.62	-	-	74	-29.38	117	200	V
2	*4.754596	45.25	MAv1	34.2	2.46	-46.25	35.66	54	-18.34	-	-	117	200	V
1	*4.768018	57.04	PK2	34.2	0	-46.31	44.93	-	-	74	-29.07	117	398	H
1	*4.768079	45.36	MAv1	34.2	2.46	-46.32	35.7	54	-18.3	-	-	117	398	H
4	*7.298574	55.42	PK2	35.6	0	-44.54	46.48	-	-	74	-27.52	337	164	V
4	*7.300865	43.63	MAv1	35.6	2.46	-44.61	37.08	54	-16.92	-	-	337	164	V
3	*7.30946	43.52	MAv1	35.6	2.46	-44.61	36.97	54	-17.03	-	-	81	188	H
3	*7.309565	55.27	PK2	35.6	0	-44.6	46.27	-	-	74	-27.73	81	188	H
6	9.669551	43.96	MAv1	36.9	2.46	-43.86	39.46	-	-	-	-	358	112	V
6	9.671086	56.04	PK2	36.9	0	-43.83	49.11	-	-	-	-	358	112	V
5	9.691949	55.2	PK2	36.9	0	-43.76	48.34	-	-	-	-	50	116	H
5	9.694535	44	MAv1	36.9	2.46	-43.73	39.63	-	-	-	-	50	116	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 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	*5.111992	56.81	PK2	34.3	0	-46.17	44.94	-	-	74	-29.06	169	172	H
1	*5.114063	44.77	MAv1	34.3	2.46	-46.15	35.38	54	-18.62	-	-	169	172	H
2	*5.114894	56.41	PK2	34.3	0	-46.21	44.5	-	-	74	-29.5	274	386	V
2	*5.116939	44.91	MAv1	34.3	2.46	-46.32	35.35	54	-18.65	-	-	274	386	V
4	*7.370697	54.95	PK2	35.6	0	-44.47	46.08	-	-	74	-27.92	181	175	V
4	*7.372295	43.55	MAv1	35.6	2.46	-44.48	37.13	54	-16.87	-	-	181	175	V
3	*7.389862	55.98	PK2	35.6	0	-44.4	47.18	-	-	74	-26.82	83	380	H
3	*7.390243	43.71	MAv1	35.6	2.46	-44.39	37.38	54	-16.62	-	-	83	380	H
6	9.930432	43.7	MAv1	37.2	2.46	-43.83	39.53	-	-	-	-	21	122	V
6	9.933286	54.94	PK2	37.2	0	-43.88	48.26	-	-	-	-	21	122	V
5	9.941219	43.88	MAv1	37.3	2.46	-43.92	39.72	-	-	-	-	43	336	H
5	9.944023	55.33	PK2	37.3	0	-43.91	48.72	-	-	-	-	43	336	H

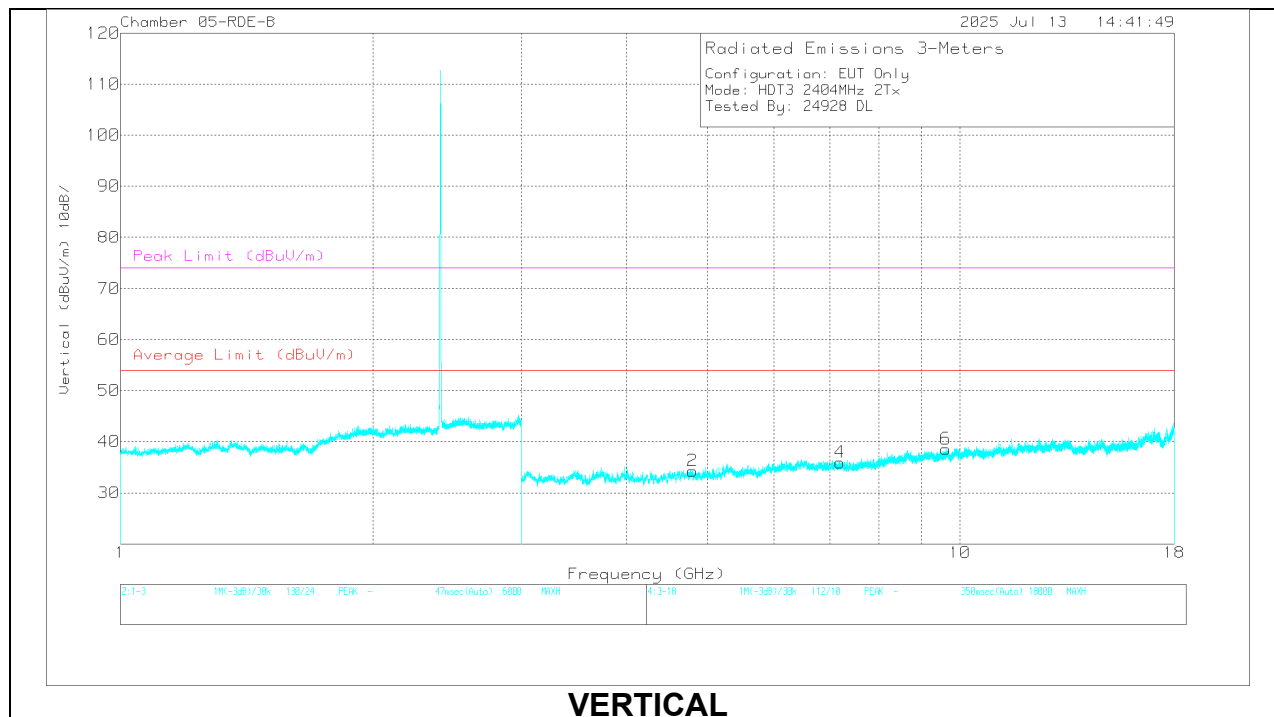
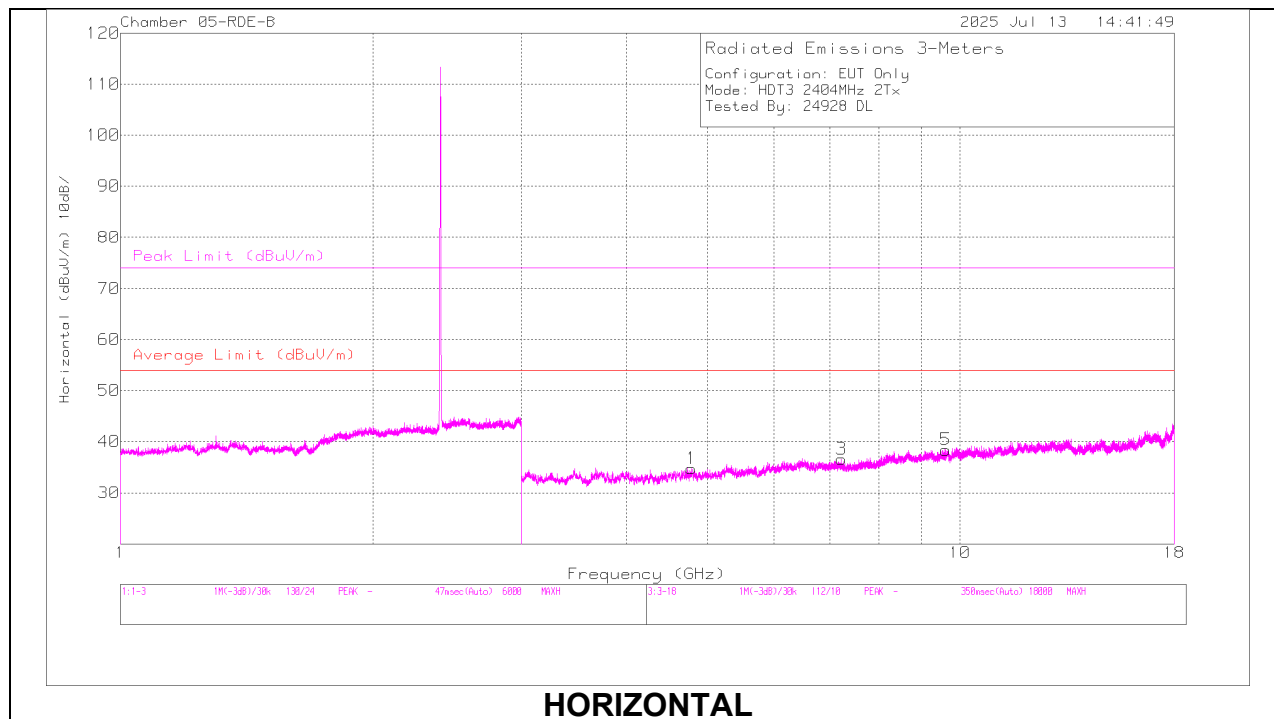
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HDT3

LOW CHANNEL RESULTS



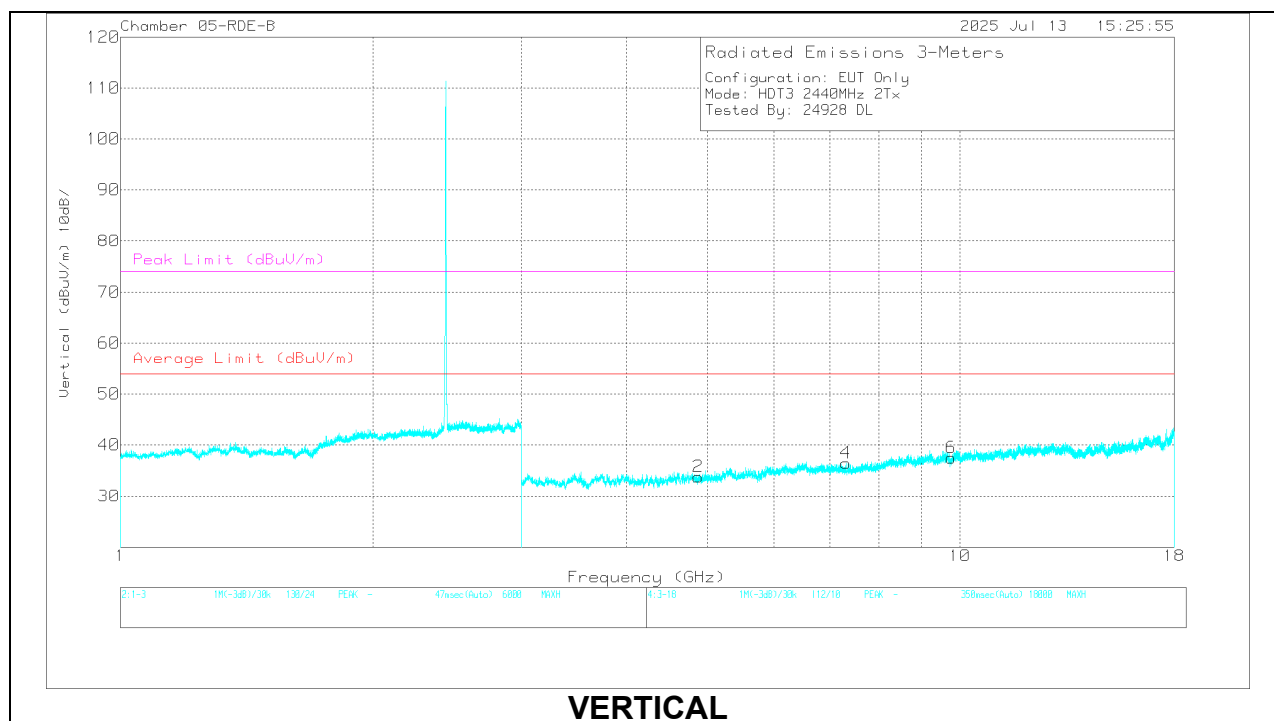
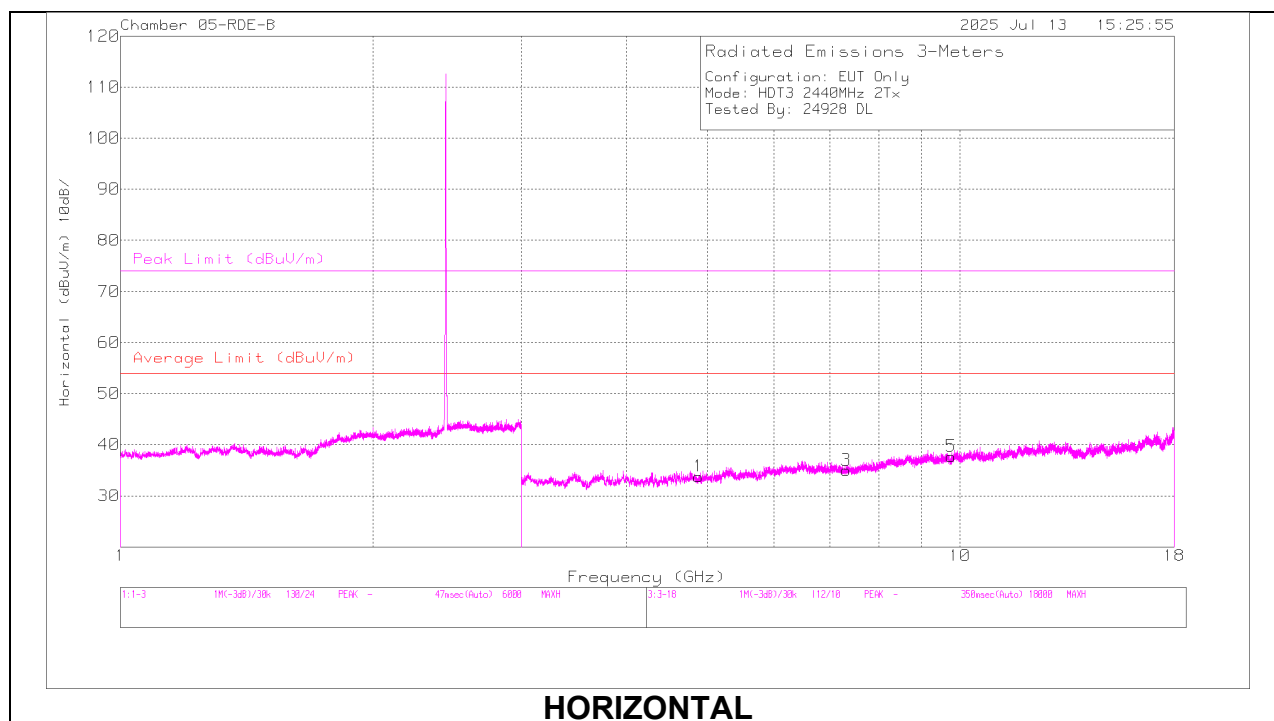
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 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	*4.785906	58.12	PK2	34.1	0	-48.2	44.02	-	-	74	-29.98	67	124	H
1	*4.786134	46.81	MAv1	34.1	0.23	-48.19	32.95	54	-21.05	-	-	67	124	H
2	*4.800972	57.9	PK2	34.1	0	-47.92	44.08	-	-	74	-29.92	50	205	V
2	*4.802614	46.29	MAv1	34.1	0.23	-47.97	32.65	54	-21.35	-	-	50	205	V
4	7.190747	55.53	PK2	35.7	0	-45.51	45.72	-	-	-	-	159	235	V
4	7.191799	44.26	MAv1	35.7	0.23	-45.55	34.64	-	-	-	-	159	235	V
3	7.224064	55.34	PK2	35.7	0	-45.64	45.4	-	-	-	-	143	114	H
3	7.226269	44.19	MAv1	35.7	0.23	-45.7	34.42	-	-	-	-	143	114	H
5	9.615212	44.06	MAv1	36.7	0.23	-44.31	36.68	-	-	-	-	93	163	H
5	9.617815	55.72	PK2	36.7	0	-44.33	48.09	-	-	-	-	93	163	H
6	9.619756	44.04	MAv1	36.7	0.23	-44.34	36.63	-	-	-	-	211	197	V
6	9.620537	55.66	PK2	36.7	0	-44.34	48.02	-	-	-	-	211	197	V

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

PK2- KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS

Radiated Emissions

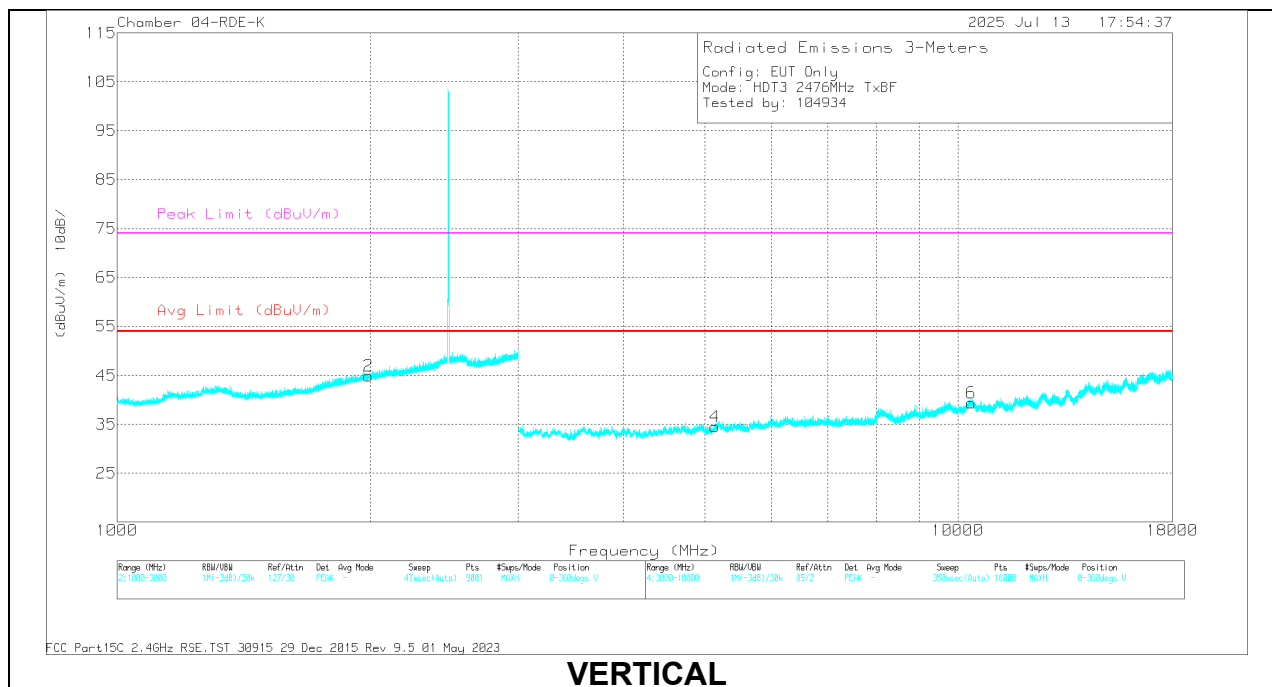
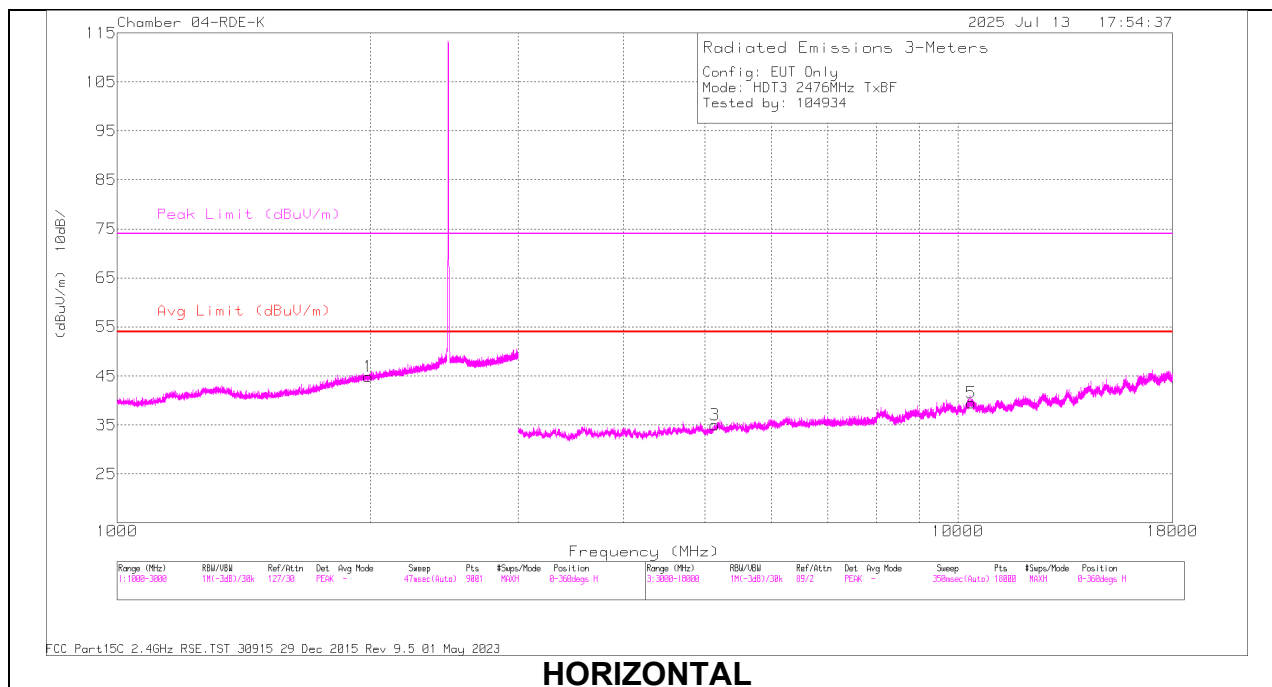
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*4.878828	58.39	PK2	34.1	0	-47.76	44.73	-	-	74	-29.27	24	245	H
2	*4.878973	57.35	PK2	34.1	0	-47.76	43.69	-	-	74	-30.31	84	223	V
1	*4.880264	46.06	MAv1	34.1	0.23	-47.81	32.58	54	-21.42	-	-	84	223	V
1	*4.880424	46.69	MAv1	34.1	0.23	-47.81	33.21	54	-20.79	-	-	24	245	H
4	*7.313826	44.02	MAv1	35.6	0.23	-45.76	34.09	54	-19.91	-	-	248	195	V
4	*7.317087	55.47	PK2	35.6	0	-45.78	45.29	-	-	74	-28.71	248	195	V
3	*7.320324	55.74	PK2	35.6	0	-45.72	45.62	-	-	74	-28.38	40	215	H
3	*7.322148	43.86	MAv1	35.6	0.23	-45.71	33.98	54	-20.02	-	-	40	215	H
5	9.758152	54.76	PK2	36.9	0	-44.32	47.34	-	-	-	-	142	196	H
5	9.758388	43.28	MAv1	36.9	0.23	-44.33	36.08	-	-	-	-	142	196	H
6	9.758684	43.28	MAv1	36.9	0.23	-44.33	36.08	-	-	-	-	175	215	V
6	9.759501	54.48	PK2	36.9	0	-44.35	47.03	-	-	-	-	175	215	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



Radiated Emissions

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	206808 ACF (dBm)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1989.959	59.53	PK2	31.2	-35.5	0	55.23	-	-	-	-	237	308	V
1	1990.363	48.09	MAv1	31.2	-35.5	0.23	44.02	-	-	-	-	237	308	V
2	1990.953	59.2	PK2	31.2	-35.5	0	54.9	-	-	-	-	241	319	H
2	1992.487	48.1	MAv1	31.3	-35.5	0.23	44.13	-	-	-	-	241	319	H
3	* 5136.135	39.23	MAv1	34.3	-39.9	0.23	33.86	54	-20.14	-	-	49	369	H
3	* 5136.842	50.63	PK2	34.3	-39.9	0	45.03	-	-	74	-28.97	49	369	H
4	* 5138.484	51.09	PK2	34.3	-39.9	0	45.49	-	-	74	-28.51	82	256	V
4	* 5139.058	39.19	MAv1	34.3	-39.9	0.23	33.82	54	-20.18	-	-	82	256	V
6	10368.847	49.85	PK2	37.5	-36.4	0	50.95	-	-	-	-	356	343	V
6	10370.005	37.15	MAv1	37.5	-36.4	0.23	38.48	-	-	-	-	237	247	H
5	10370.009	49.15	PK2	37.5	-36.4	0	50.25	-	-	-	-	237	247	H
5	10370.363	37.58	MAv1	37.5	-36.4	0.23	38.91	-	-	-	-	356	343	V

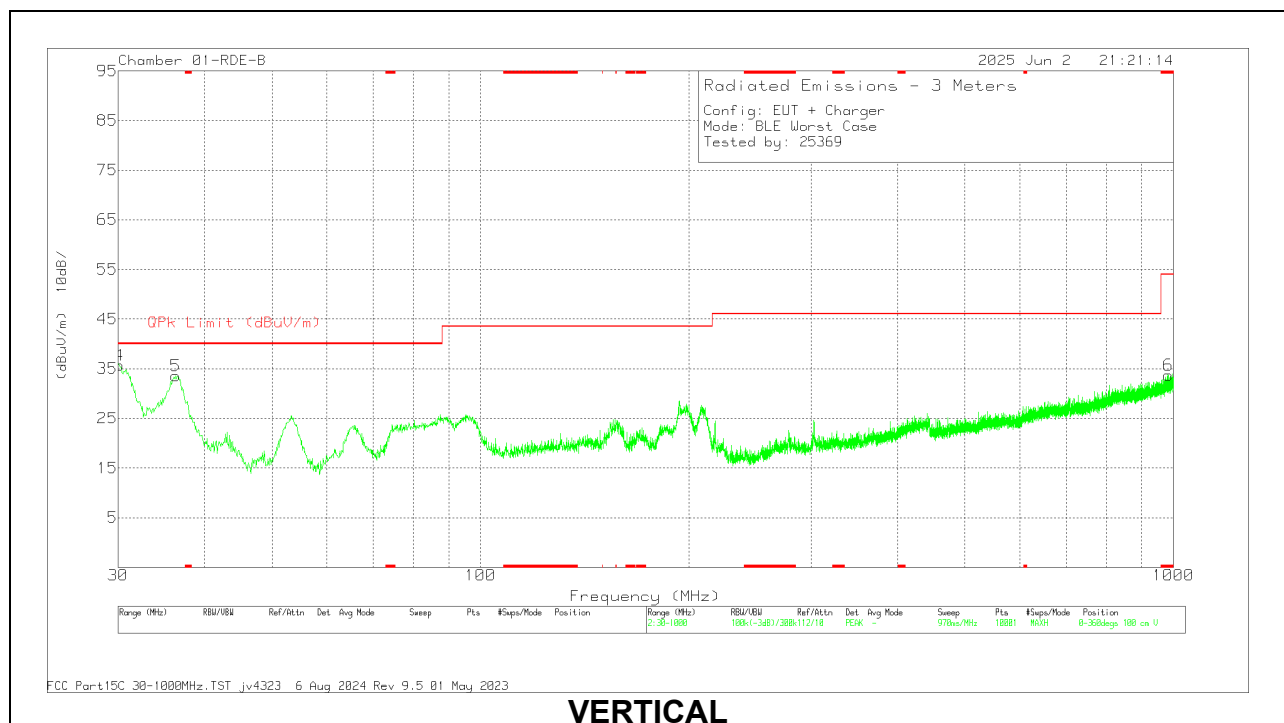
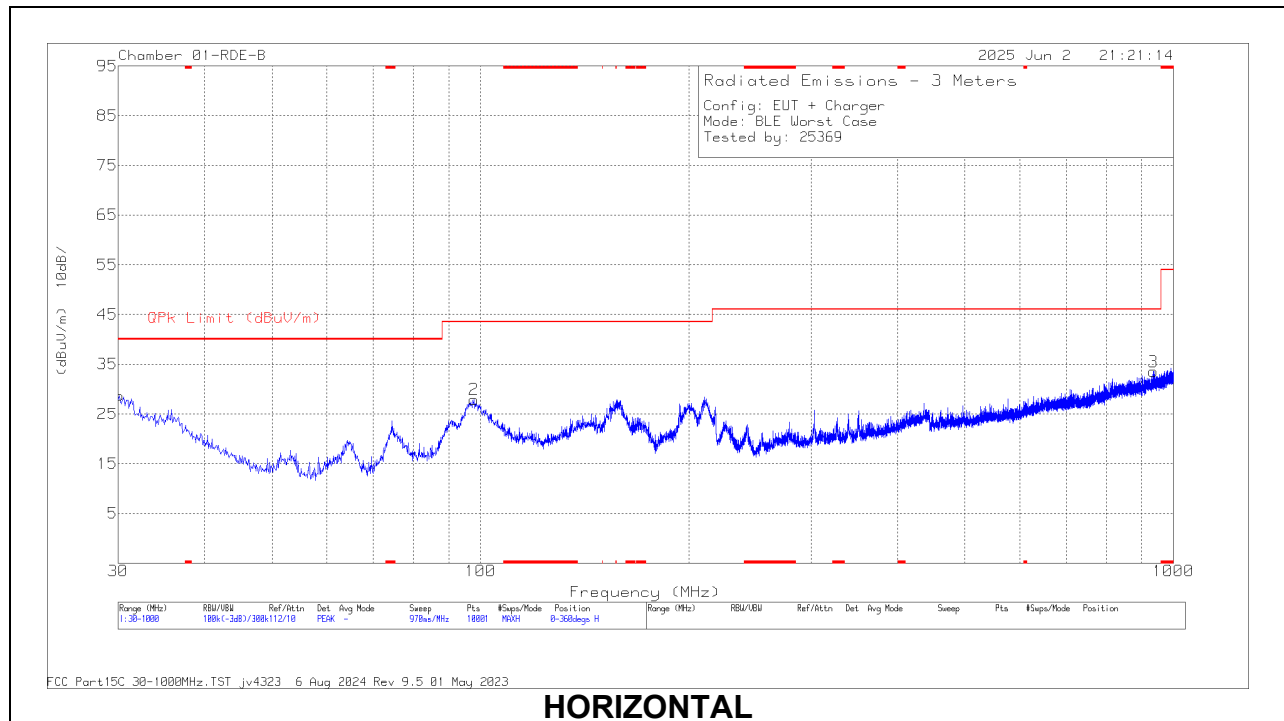
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.3. WORST CASE BELOW 1 GHz

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



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	85150 ACF (dB/m)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 983.704	30.88	Pk	28.8	-26	0	33.68	53.97	-20.29	0-360	100	V
1	30.097	33.01	Pk	27.2	-31.5	0	28.71	40	-11.29	0-360	100	H
4	30.097	39.97	Pk	27.2	-31.5	0	35.67	40	-4.33	0-360	100	V
	30.0424	36.67	Qp	27.3	-31.5	2.46	34.93	40	-5.07	241	112	V
5	36.305	41.73	Pk	23.2	-31.4	0	33.53	40	-6.47	0-360	100	V
2	97.803	43.15	Pk	15.6	-30.8	0	27.95	43.52	-15.57	0-360	299	H
3	935.398	31.91	Pk	28.3	-26.7	0	33.51	46.02	-12.51	0-360	299	H

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

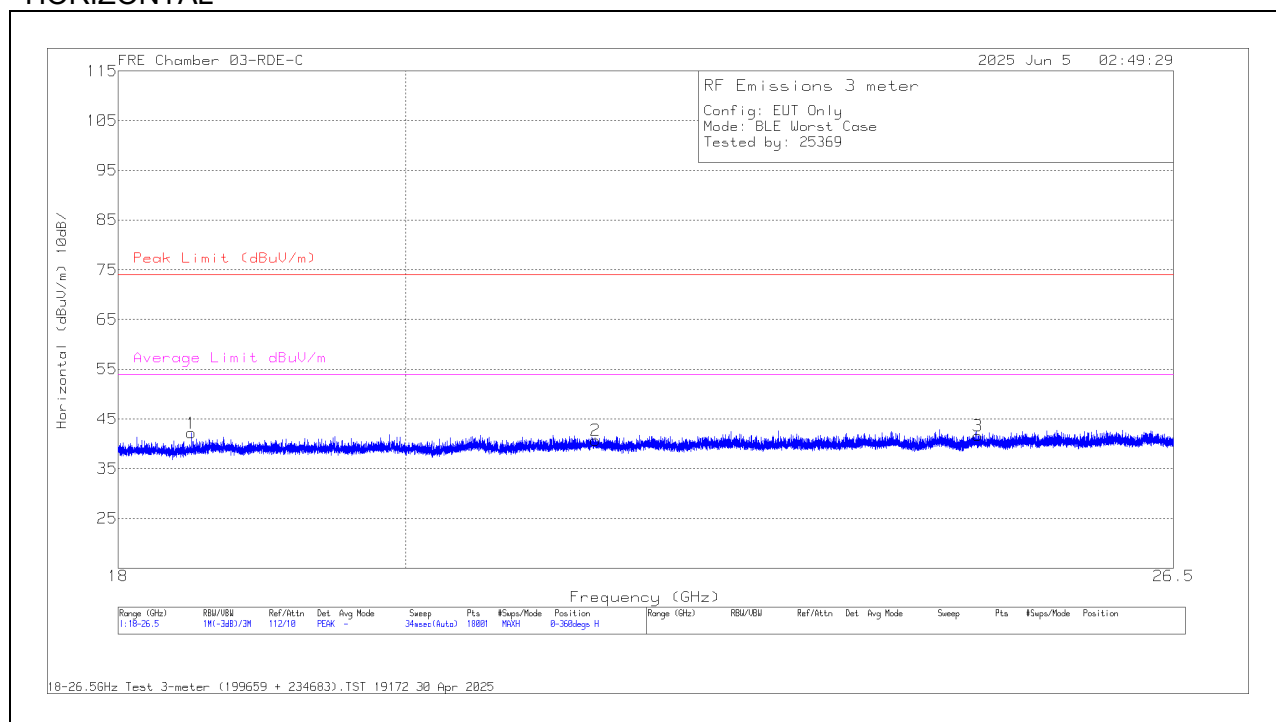
Pk - Peak detector

Qp - Quasi-Peak detector

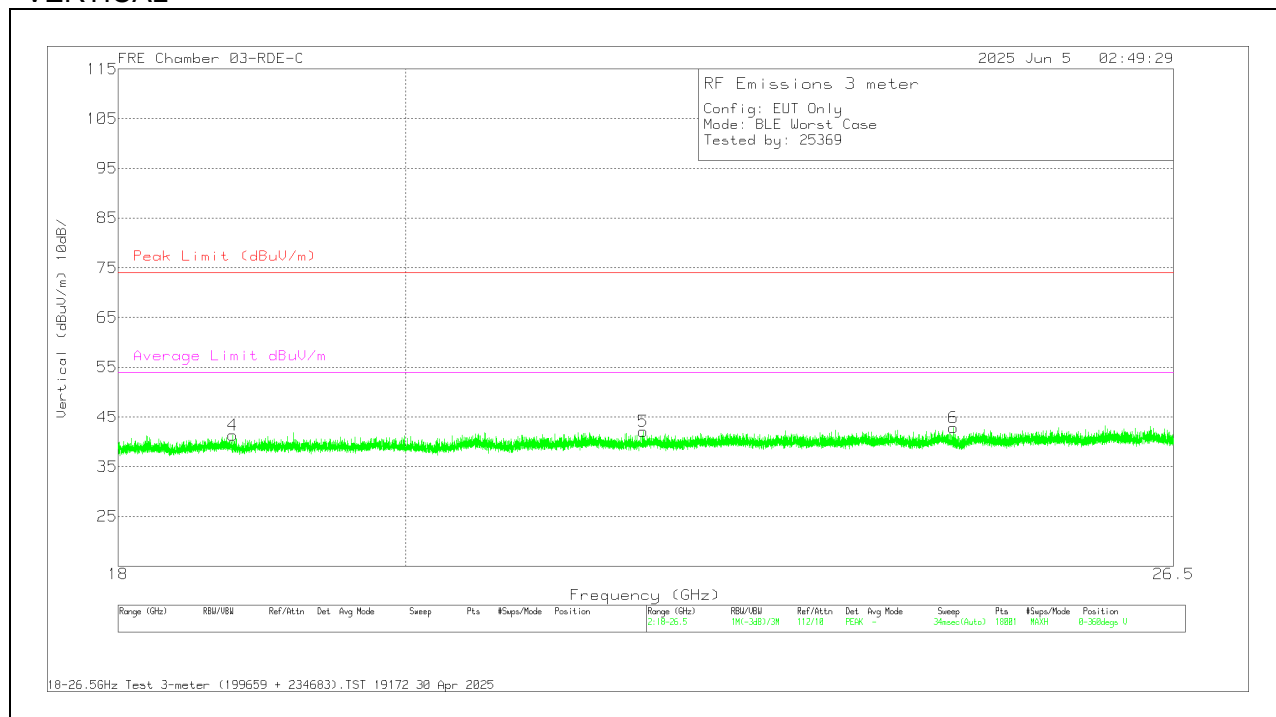
10.4. WORST CASE 18-26 GHz

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

HORIZONTAL



VERTICAL



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	199659 ACF (dB/m)	234683 18-26.5GHz Amp Assembly	Cable (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.488491	58.29	PK2	32.3	-62.6	13.8	41.79	74	-32.21	-	-	360	101	H
1	* 18.489539	46.03	MAv1	32.3	-62.6	13.8	29.53	-	-	54	-24.47	360	101	H
4	* 18.770565	58.07	PK2	32.2	-62.5	14	41.77	74	-32.23	-	-	360	101	V
4	* 18.773022	46.34	MAv1	32.2	-62.5	14	30.04	-	-	54	-23.96	360	101	V
2	21.441976	56.52	PK2	32.9	-61.6	15	42.82	-	-	-	-	360	101	H
2	21.442706	44.68	MAv1	32.9	-61.6	15	30.98	-	-	-	-	360	101	H
5	21.819401	56.31	PK2	32.9	-62	15.1	42.31	-	-	-	-	360	200	V
5	21.819899	44.58	MAv1	32.9	-62	15.1	30.58	-	-	-	-	360	200	V
6	24.443679	56.48	PK2	33.6	-62.3	16.1	43.88	-	-	-	-	360	200	V
6	24.444935	44.13	MAv1	33.6	-62.3	16.1	31.53	-	-	-	-	360	200	V
3	24.667405	42.91	MAv1	33.7	-62.2	16.2	30.61	-	-	-	-	360	200	H
3	24.667442	54.31	PK2	33.7	-62.2	16.2	42.01	-	-	-	-	360	200	H

* - 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 (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

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.

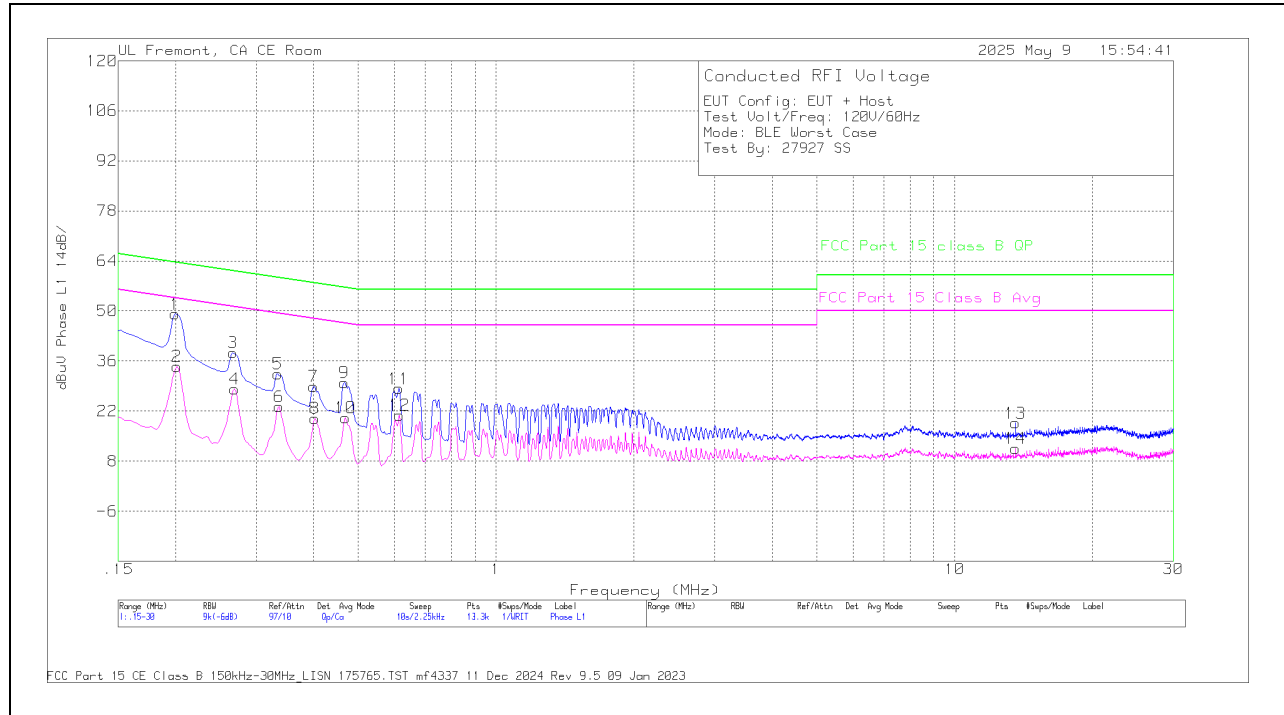
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC Power Line WITH LAPTOP

LINE 1 RESULTS

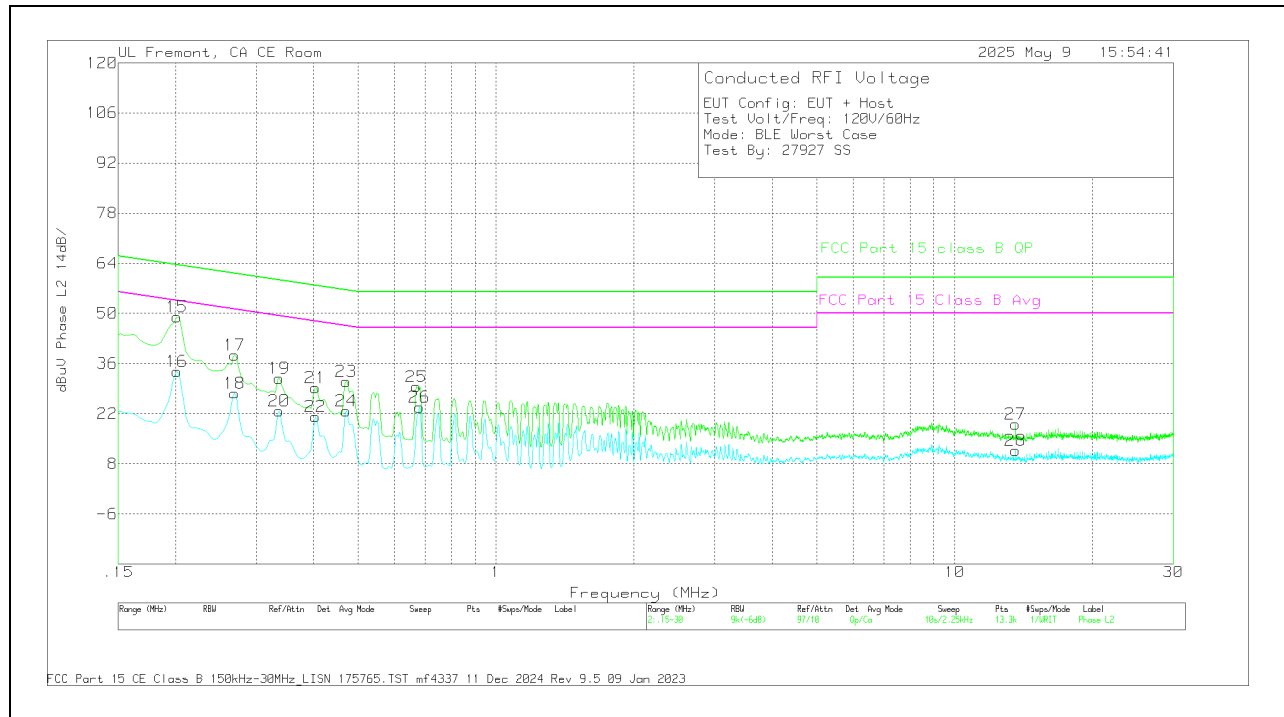


Range 1: Phase L1 .15 - 30MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	DOCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.2018	15.34	Ca	.1	0	8.4	10	.7	34.54	53.54	-19	-	-
4	.2693	9.54	Ca	-.1	0	8.1	10	.7	28.24	51.14	-22.9	-	-
6	.3368	4.5	Ca	-.3	0	8.3	10	.7	23.2	49.28	-26.08	-	-
8	.402	1.38	Ca	-.5	0	8.3	10	.7	19.88	47.81	-27.93	-	-
10	.4695	.77	Ca	.1	0	8.5	10	.7	20.07	46.52	-26.45	-	-
12	.6158	1.88	Ca	0	0	8.3	10	.7	20.88	46	-25.12	-	-
14	13.56	-7.7	Ca	.2	.1	8.2	10	.7	11.5	50	-38.5	-	-
1	.1995	29.82	Qp	.1	.1	8.4	10	.7	49.12	-	-	63.63	-14.51
3	.267	19.69	Qp	-.1	0	8.1	10	.7	38.39	-	-	61.21	-22.82
5	.3345	13.63	Qp	-.3	0	8.3	10	.7	32.33	-	-	59.34	-27.01
7	.3998	10.38	Qp	-.5	0	8.3	10	.7	28.88	-	-	57.86	-28.98
9	.4673	10.5	Qp	.1	0	8.6	10	.7	29.9	-	-	56.56	-26.66
11	.6135	9.27	Qp	0	0	8.3	10	.7	28.27	-	-	56	-27.73
13	13.56	-5.7	Qp	.2	.1	8.2	10	.7	18.63	-	-	60	-41.37

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



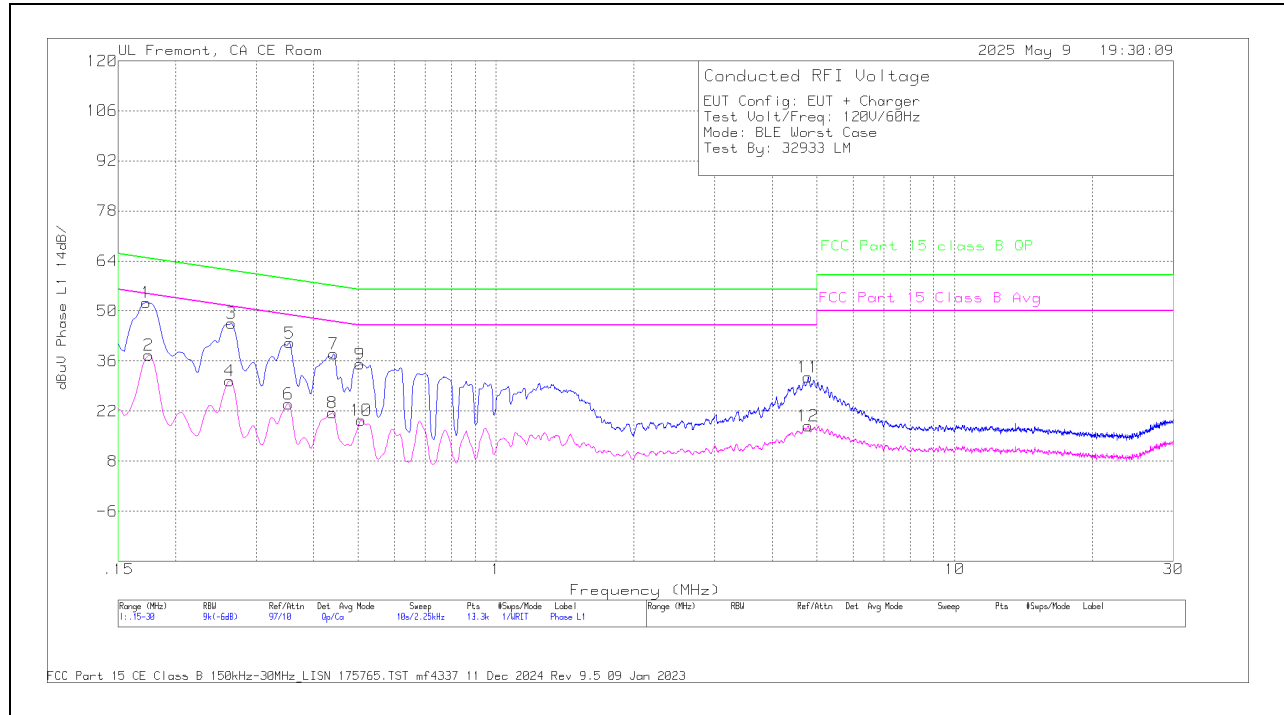
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	DCCF (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
16	.2018	14.63	Ca	.1	0	8.4	10	.7	33.83	53.54	-19.71	-	-
18	.2693	9.03	Ca	-.1	0	8.1	10	.7	27.73	51.14	-23.41	-	-
20	.3368	3.99	Ca	-.3	0	8.3	10	.7	22.69	49.28	-26.59	-	-
22	.4043	2.43	Ca	-.4	0	8.4	10	.7	21.13	47.77	-26.64	-	-
24	.4718	3.39	Ca	.1	0	8.5	10	.7	22.69	46.48	-23.79	-	-
26	.681	4.6	Ca	.2	0	8.3	10	.7	23.8	46	-22.2	-	-
28	13.56	-7.54	Ca	.2	.1	8.2	10	.7	11.66	50	-38.34	-	-
15	.2018	29.84	Qp	.1	0	8.4	10	.7	49.04	-	-	63.54	-14.5
17	.2693	19.58	Qp	-.1	0	8.1	10	.7	38.28	-	-	61.14	-22.86
19	.3368	13.23	Qp	-.3	0	8.3	10	.7	31.93	-	-	59.28	-27.35
21	.4043	10.57	Qp	-.4	0	8.4	10	.7	29.27	-	-	57.77	-28.5
23	.4718	11.66	Qp	.1	0	8.5	10	.7	30.96	-	-	56.48	-25.52
25	.6698	10.4	Qp	.1	0	8.3	10	.7	29.5	-	-	56	-26.5
27	13.56	-13	Qp	.2	.1	8.2	10	.7	19.07	-	-	60	-40.93

Qp - Quasi-Peak detector

Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

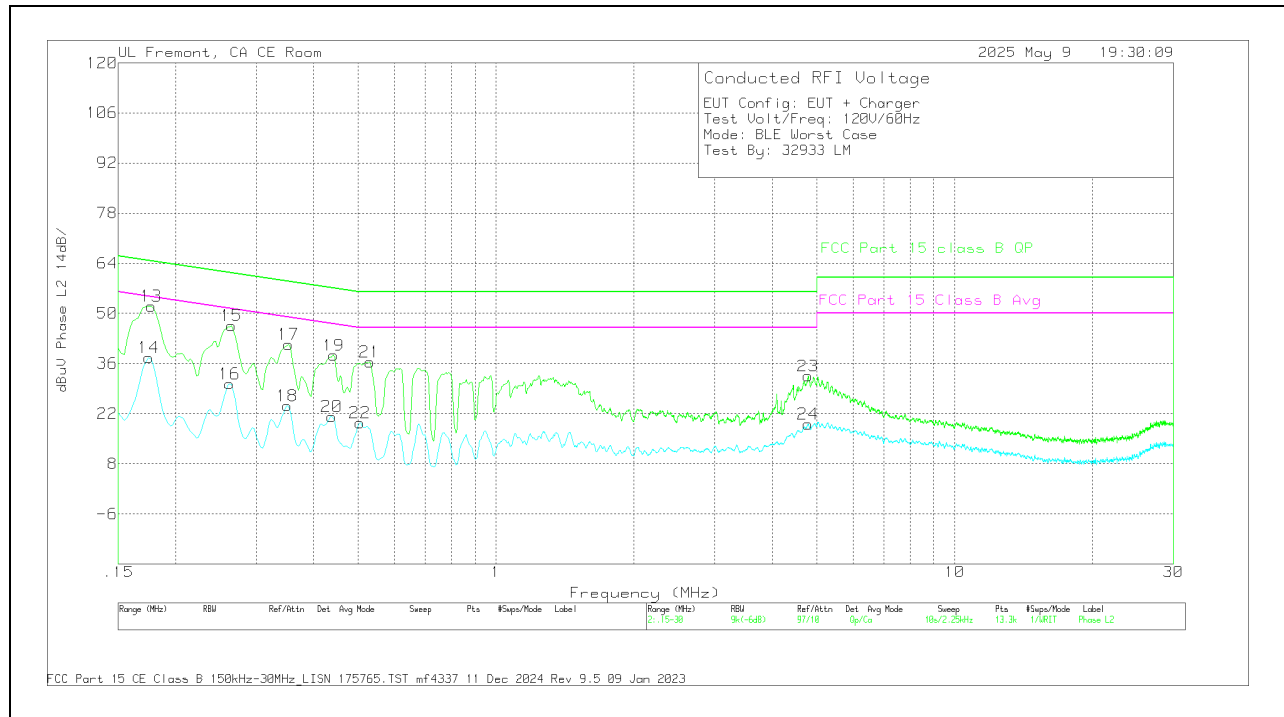


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading (dBuV)	FCC Part 15 Class B Avg (dBuV)	Margin (dB)	FCC Part 15 class B QP (dBuV)	Margin (dB)
2	.1748	18.77	Ca	.3	.1	8.5	10	37.67	54.73	-17.06	-	-
4	.2625	12.39	Ca	-.1	0	8.2	10	30.49	51.35	-20.86	-	-
6	.3525	5.91	Ca	-.4	0	8.4	10	23.91	48.9	-24.99	-	-
8	.4403	2.58	Ca	.1	0	8.8	10	21.48	47.06	-25.58	-	-
10	.5078	1.72	Ca	-.2	0	7.9	10	19.42	46	-26.58	-	-
12	4.7918	-.85	Ca	.3	0	8.4	10	17.85	46	-28.15	-	-
1	.1725	33.43	Qp	.3	.1	8.5	10	52.33	-	-	64.84	-12.51
3	.2648	28.61	Qp	-.1	0	8.1	10	46.61	-	-	61.28	-14.67
5	.3548	23.06	Qp	-.4	0	8.4	10	41.06	-	-	58.85	-17.79
7	.4425	19.06	Qp	.1	0	8.8	10	37.96	-	-	57.01	-19.05
9	.5055	17.32	Qp	-.1	0	7.9	10	35.12	-	-	56	-20.88
11	4.7963	12.79	Qp	.3	0	8.4	10	31.49	-	-	56	-24.51

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



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)
14	.1748	18.84	Ca	.3	0	8.5	10	37.64	54.73	-17.09	-	-
16	.2625	12.26	Ca	-.1	0	8.2	10	30.36	51.35	-20.99	-	-
18	.3503	6.23	Ca	-.4	0	8.4	10	24.23	48.96	-24.73	-	-
20	.438	2.35	Ca	0	0	8.8	10	21.15	47.1	-25.95	-	-
22	.5055	1.64	Ca	-.1	0	7.9	10	19.44	46	-26.56	-	-
24	4.7918	.42	Ca	.3	0	8.4	10	19.12	46	-26.88	-	-
13	.177	33.32	Qp	.3	0	8.4	10	52.02	-	-	64.63	-12.61
15	.2648	28.52	Qp	-.1	0	8.1	10	46.52	-	-	61.28	-14.76
17	.3525	23.27	Qp	-.4	0	8.4	10	41.27	-	-	58.9	-17.63
19	.4425	19.37	Qp	.1	0	8.8	10	38.27	-	-	57.01	-18.74
21	.5303	18.9	Qp	-.3	0	7.8	10	36.4	-	-	56	-19.6
23	4.7963	13.78	Qp	.3	0	8.4	10	32.48	-	-	56	-23.52

Qp - Quasi-Peak detector

Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15496249-EP1 for setup photos.

13. APPENDIX A - SPOT CHECK EVALUATION

13.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3257, A3525, A3526 and A3527.

These models have the same PCB layout, design, common components, antennas, antenna locations and housing cases, except for FR2 is removed from variants and disabled/enabled cellular bands via software as shown below.

Model	FCC ID	IC ID	Feature Difference	Sim Support	Reference Model
A3257	BCG-E8950A	579C-E8950A	-With FR2/LTE/5GNR B14/29/71 -No B11/21 -With UL MIMO (n41/48/77)	eSIM	-
A3525	BCG-E8960A	579C-E8960A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3257
A3526	BCG-E8961A	579C-E8961A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -No UL MIMO	eSIM+pSIM	
A3527	BCG-E8962A	579C-E8962A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -With UL MIMO (n41/78/79) -No MSS / 5GNR B53	pSIM+pSIM	

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

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

Where d_{dB} 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 A3525

A3525 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3525	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8960A IC : 579C-E8960A			
DTS / BLE	2.4	BLE, TxBF	2 Mbps	Output Power (dBm)	High	Fundamental	23.61	23.32	-0.29	-6.39	Note 1
		BLE, ANT1, AVG, Horiz.	2 Mbps	Radiated Bandedge (dBuV/m)	High	2.483512	51.33	50.84	-0.49	-2.67	Note 1
		Worst-Case	Worst-Case	RSE (dBuV/m)	Mid	30.097 MHz	35.67	36.13	0.46	-18.33	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 A3526

A3526 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3526	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8961A IC : 579C-E8961A			
DTS / BLE	2.4	BLE, TxBF	2 Mbps	Output Power (dBm)	High	Fundamental	23.61	23.36	-0.25	-6.39	Note 1
		BLE, ANT1, AVG, Horiz.	2 Mbps	Radiated Bandedge (dBuV/m)	High	2.483512	51.33	50.81	-0.52	-2.67	Note 1
		Worst-Case	Worst-Case	RSE (dBuV/m)	Mid	30.097 MHz	35.67	33.71	-1.96	-18.33	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.

13.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3527

A3527 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3257	Sub Model: A3527	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8950A IC : 579C-E8950A	FCC ID: BCG-E8962A IC : 579C-E8962A			
DTS / BLE	2.4	BLE, TxBF	2 Mbps	Output Power (dBm)	High	Fundamental	23.61	23.34	-0.27	-6.39	Note 1
		BLE, ANT1, AVG, Horiz.	2 Mbps	Radiated Bandedge (dBuV/m)	High	2.483512	51.33	51.08	-0.25	-2.67	Note 1
		Worst-Case	Worst-Case	RSE (dBuV/m)	Mid	30.097 MHz	35.67	33.61	-2.06	-18.33	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.