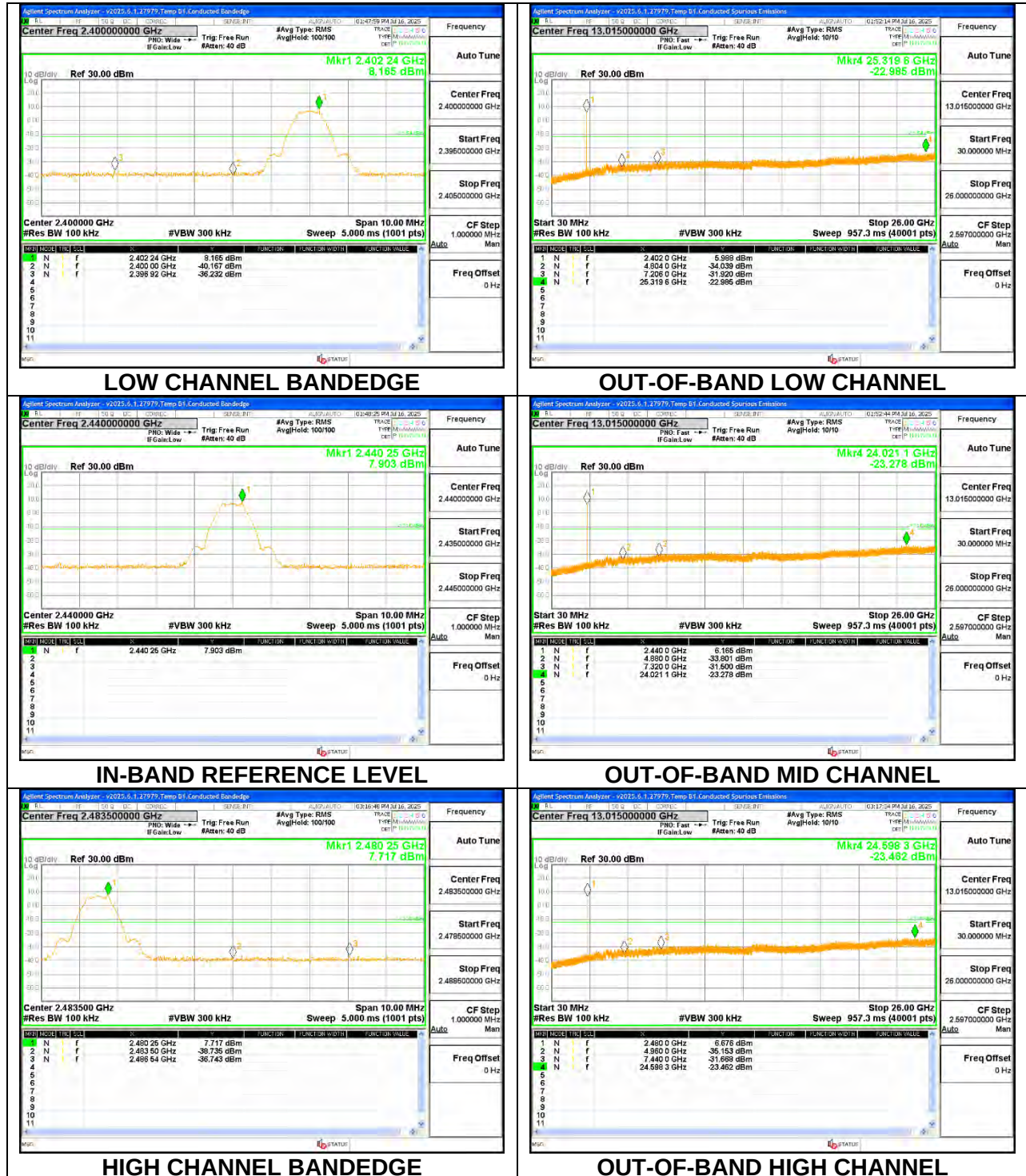
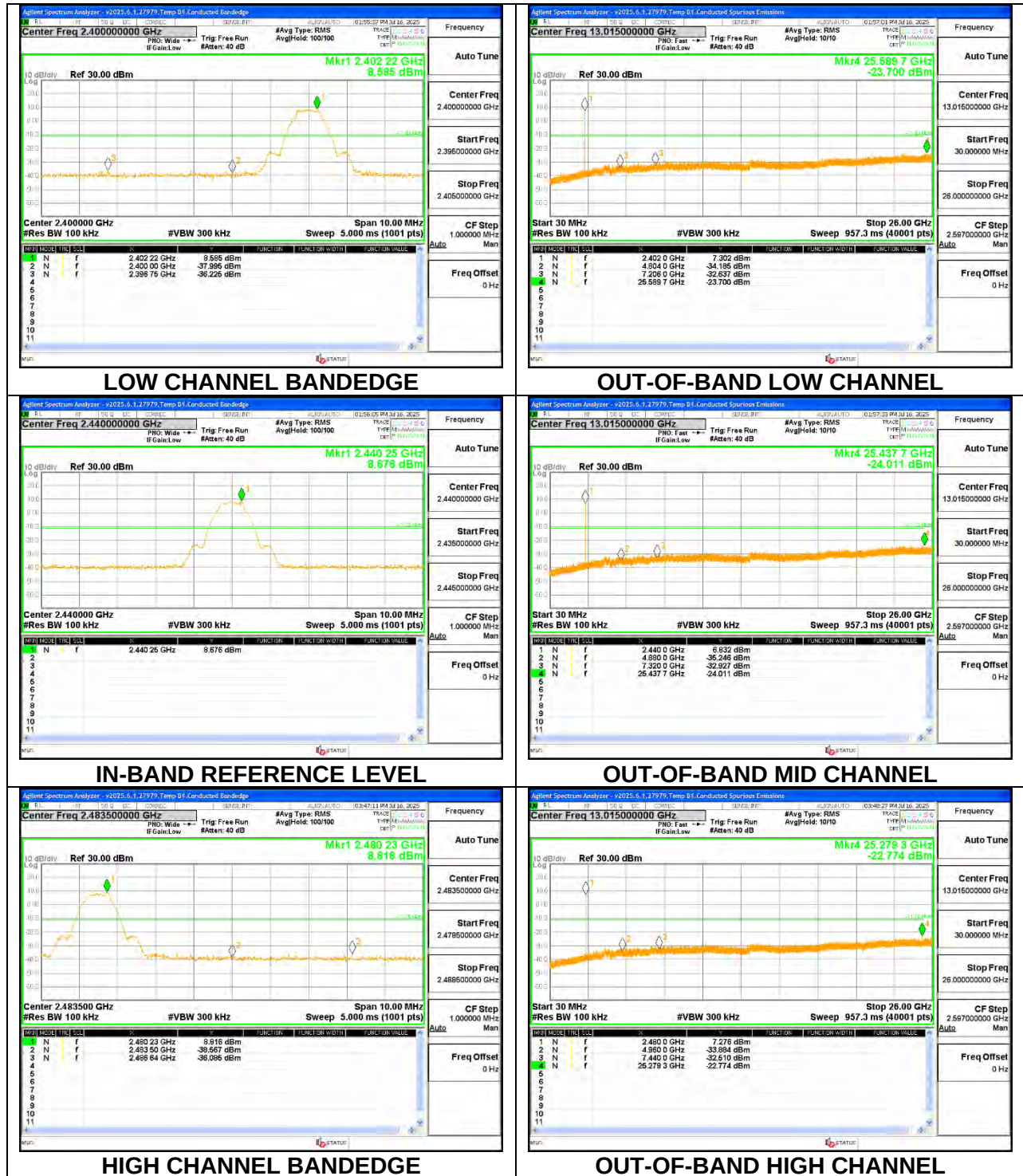


9.7.11. LOW POWER BLE (1Mbps)

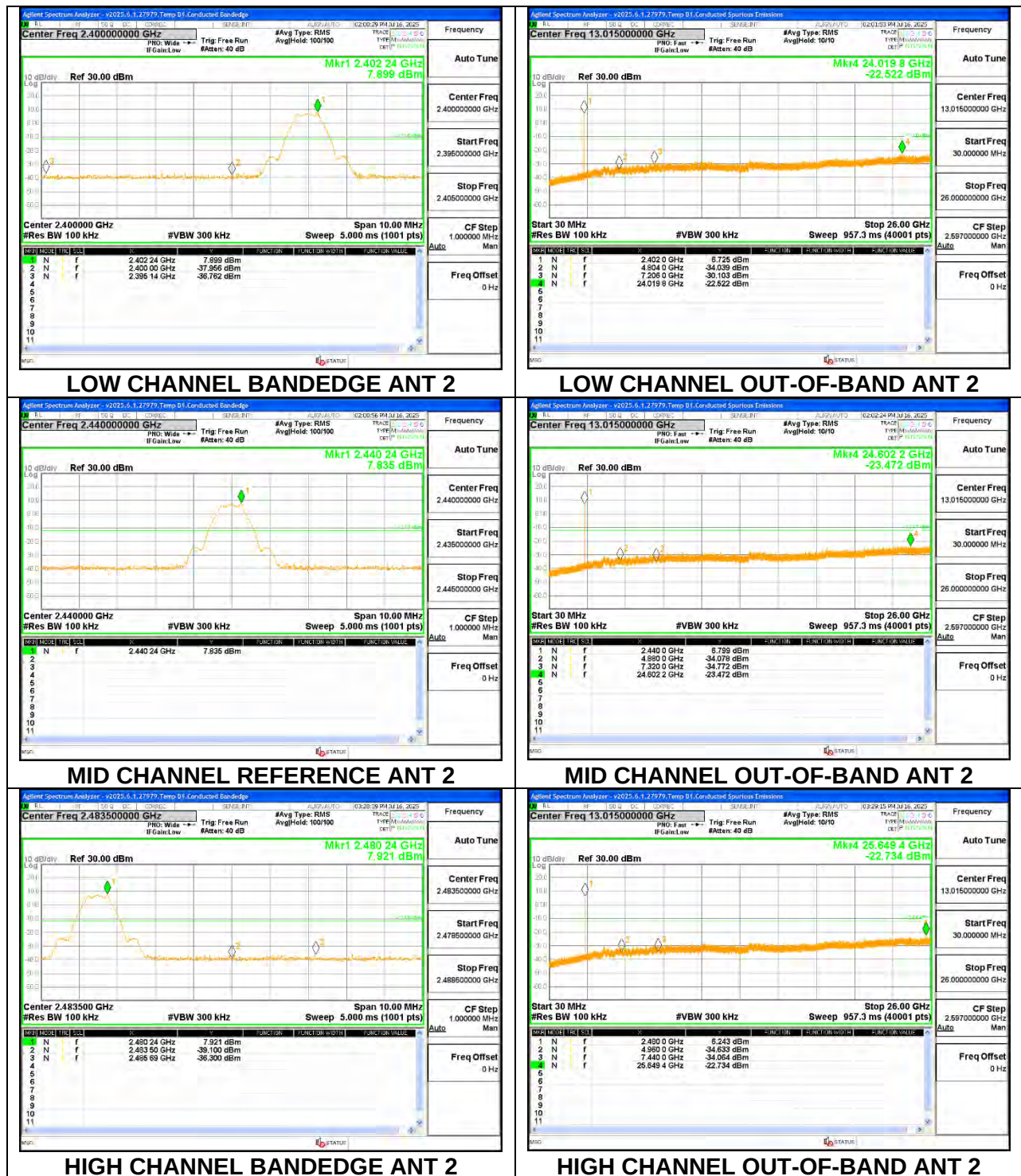
ANT 2

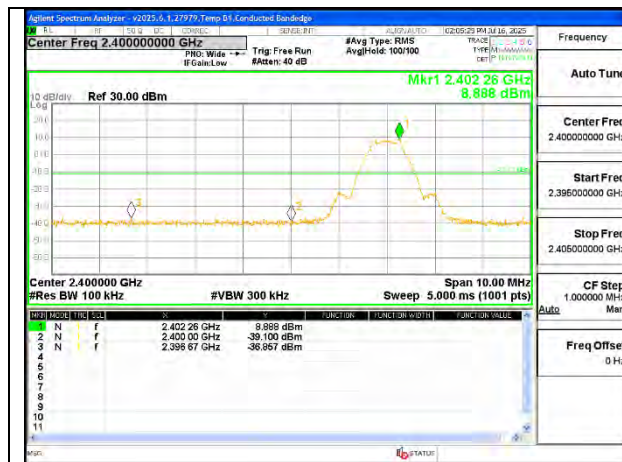


ANT 1

9.7.12. LOW POWER BLE TXBF (1Mbps)

Note: Test procedures and setting are same as BLE normal mode.

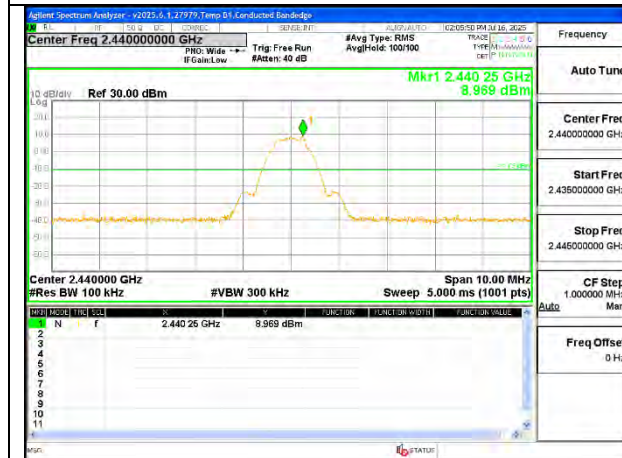




LOW CHANNEL BANDEDGE ANT 1



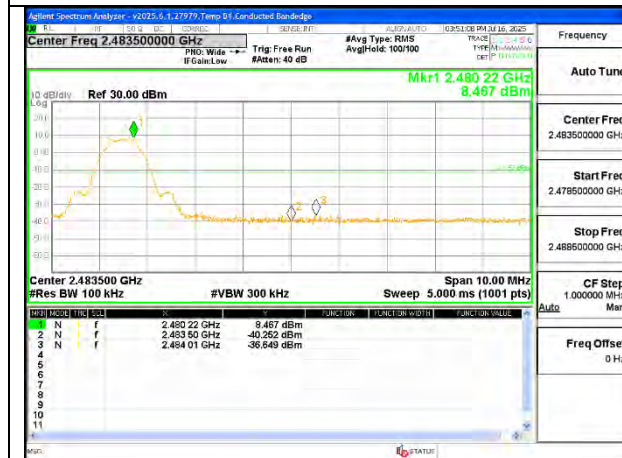
LOW CHANNEL OUT-OF-BAND ANT 1



MID CHANNEL REFERENCE ANT 1



MID CHANNEL OUT-OF-BAND ANT 1



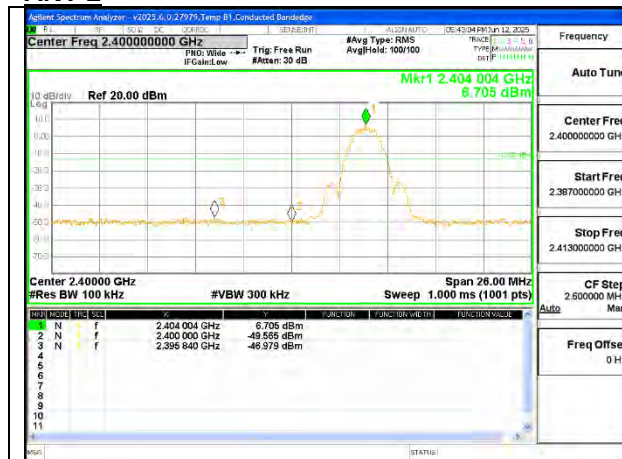
HIGH CHANNEL REFERENCE ANT 1



HIGH CHANNEL OUT-OF-BAND ANT 1

9.7.13. LOW POWER BLE (2Mbps)

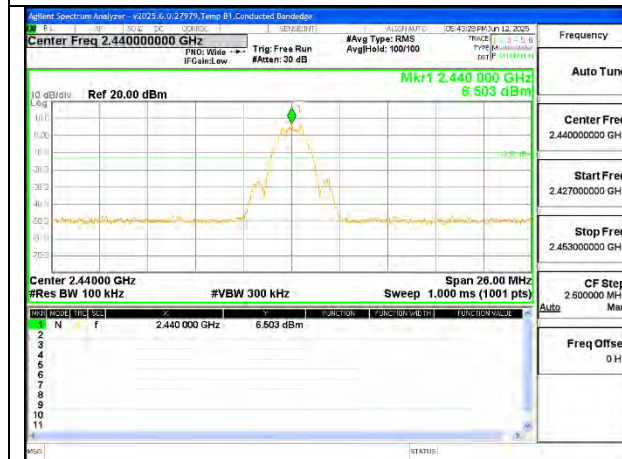
ANT 2



LOW CHANNEL BANDEDGE



OUT-OF-BAND LOW CHANNEL



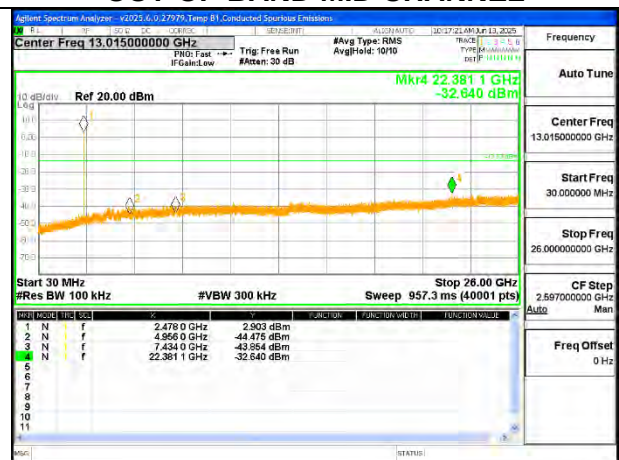
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL

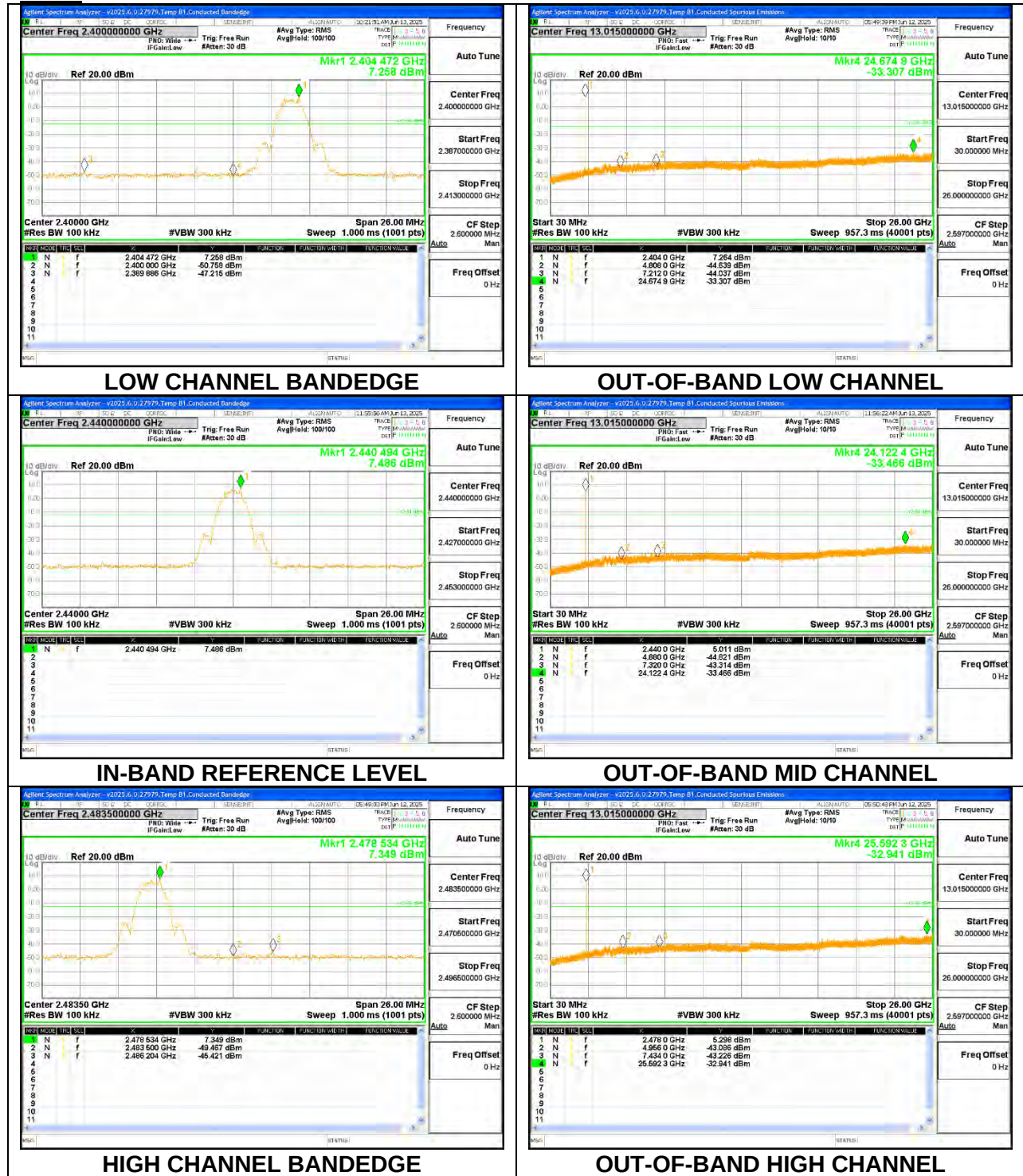


HIGH CHANNEL BANDEDGE



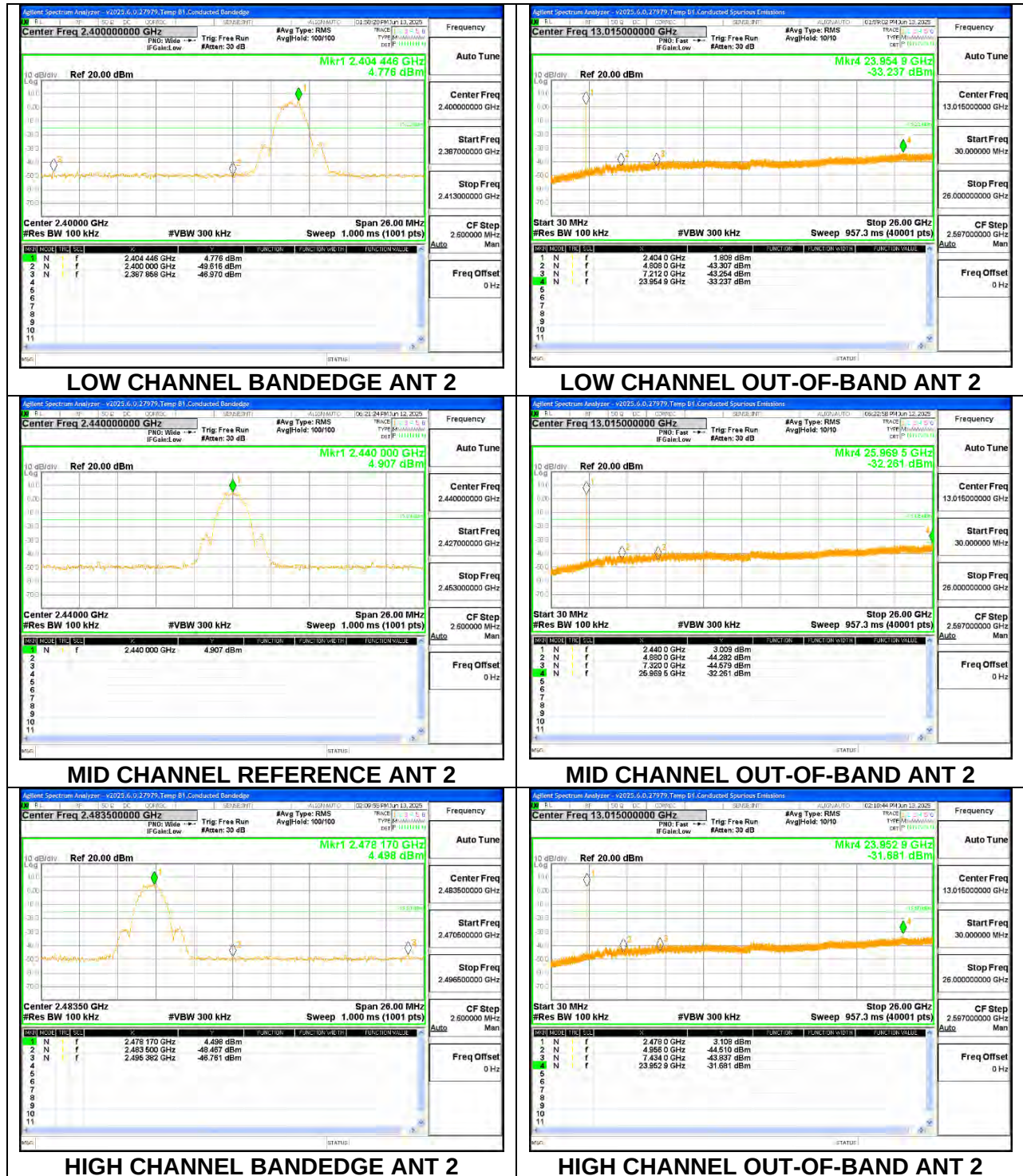
OUT-OF-BAND HIGH CHANNEL

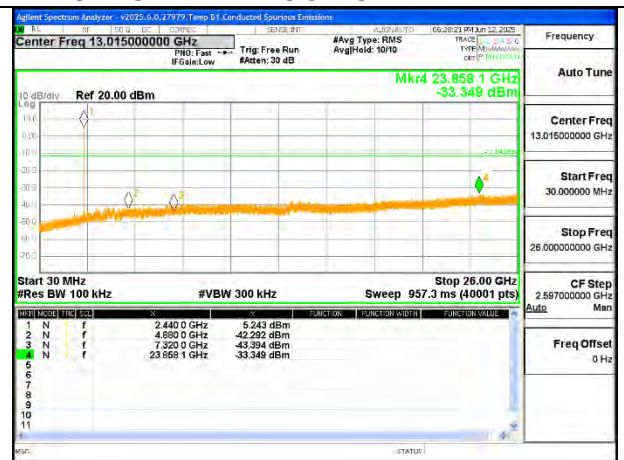
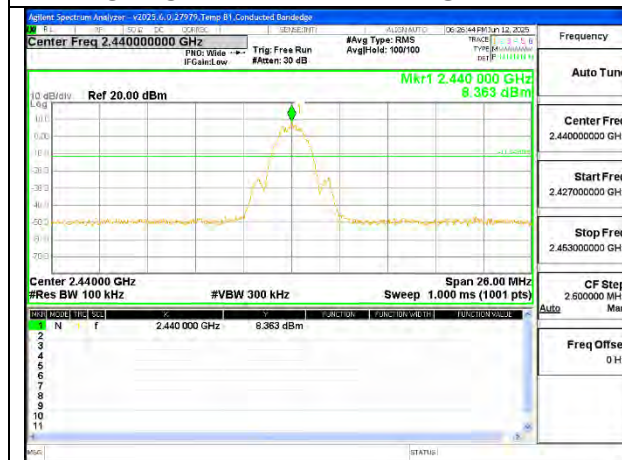
ANT 1



9.7.14. LOW POWER BLE TXBF (2Mbps)

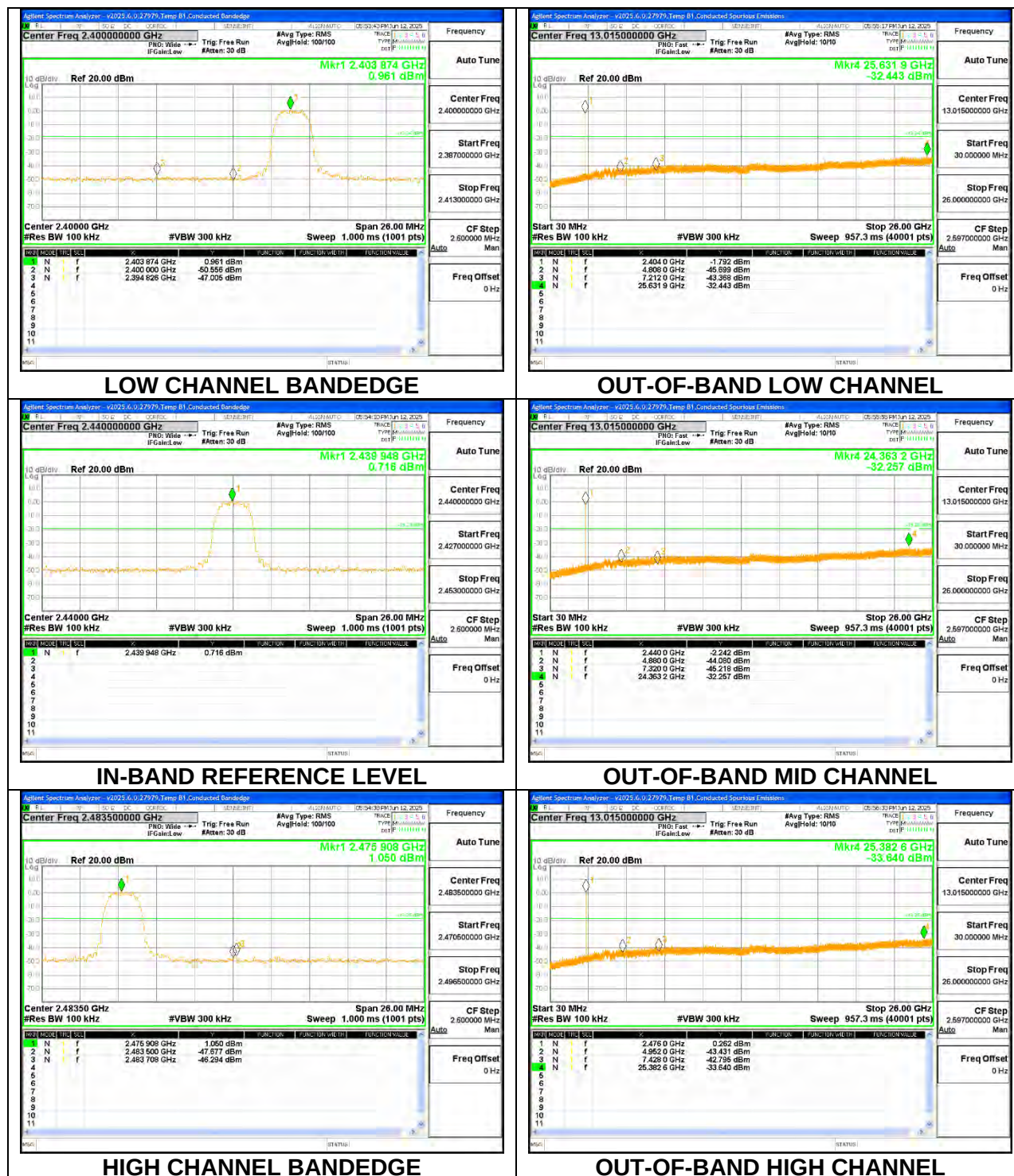
Note: Test procedures and settings are the same as BLE normal mode.

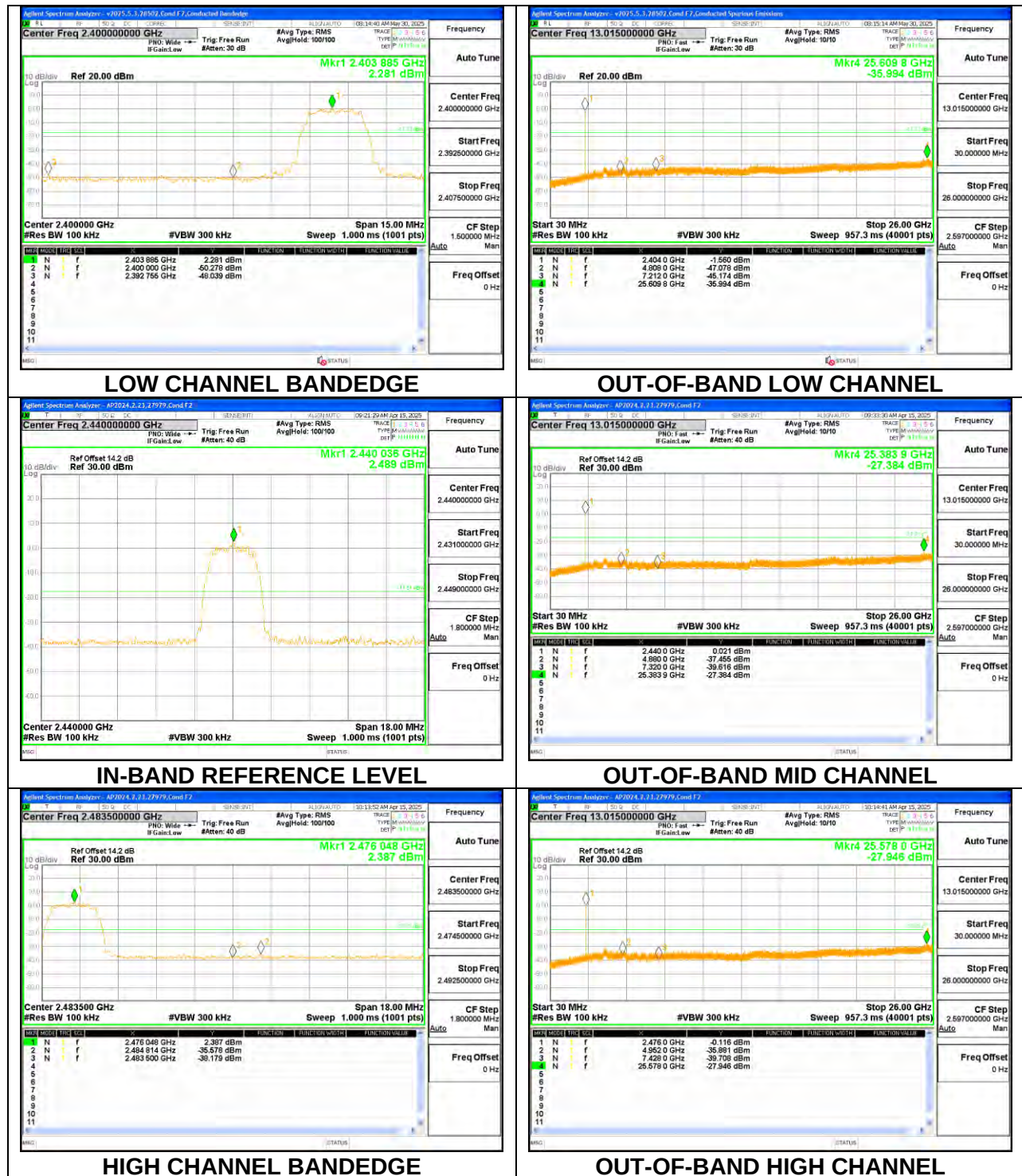




9.7.15. LOW POWER BLE (HDT3)

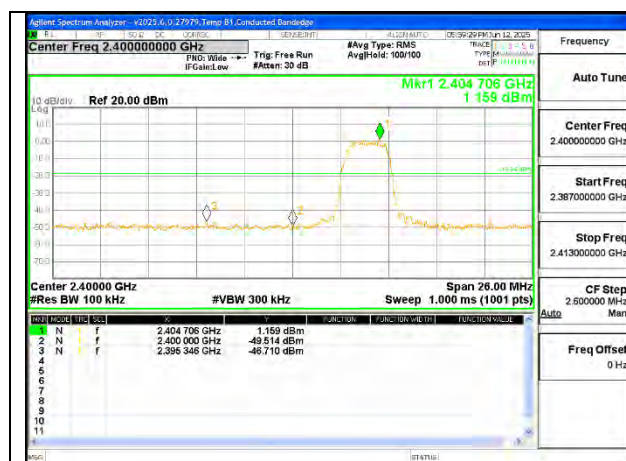
ANT 2



ANT 1

9.7.16. LOW POWER BLE TXBF (HDT3)

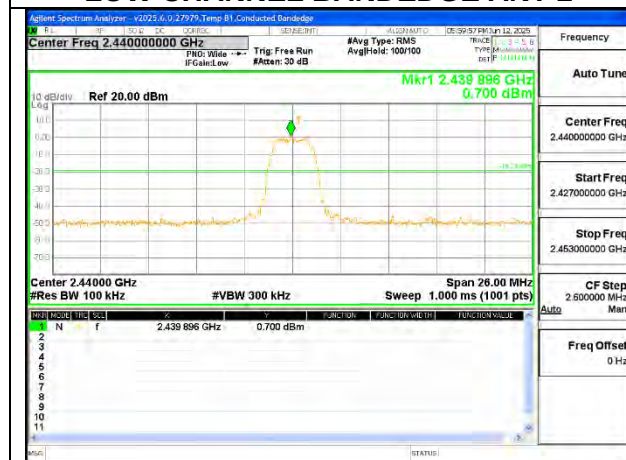
Note: Test procedures and setting are same as BLE normal mode.



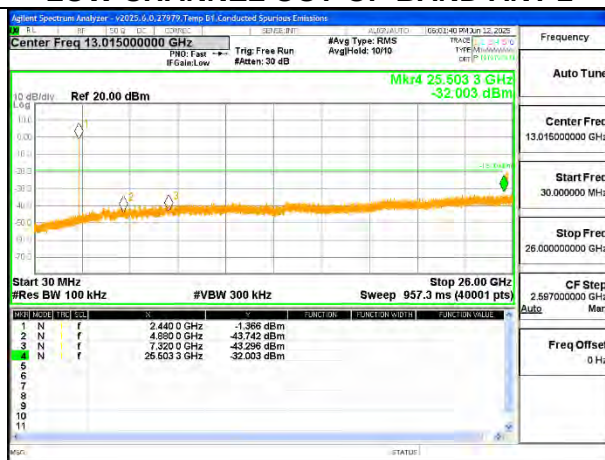
LOW CHANNEL BANDEDGE ANT 2



LOW CHANNEL OUT-OF-BAND ANT 2



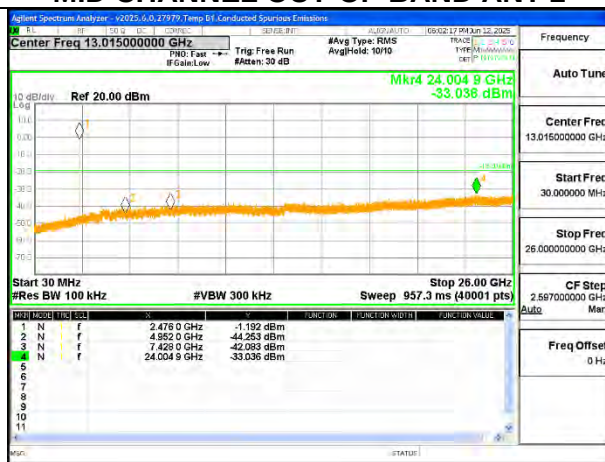
MID CHANNEL REFERENCE ANT 2



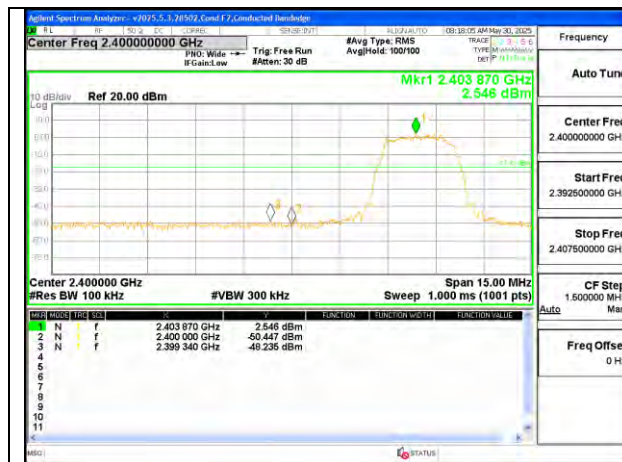
MID CHANNEL OUT-OF-BAND ANT 2



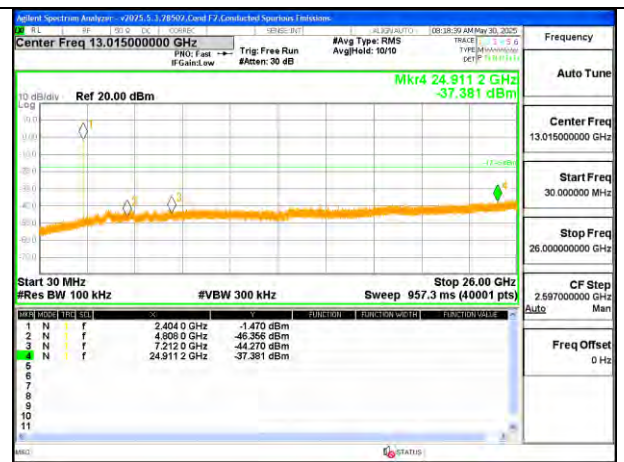
HIGH CHANNEL BANDEDGE ANT 2



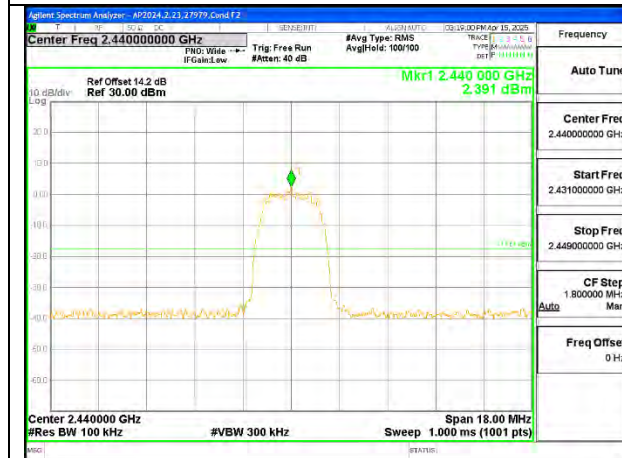
HIGH CHANNEL OUT-OF-BAND ANT 2



LOW CHANNEL BANDEDGE ANT 1



LOW CHANNEL OUT-OF-BAND ANT 1



MID CHANNEL REFERENCE ANT 1



MID CHANNEL OUT-OF-BAND ANT 1



HIGH CHANNEL REFERENCE ANT 1



HIGH CHANNEL OUT-OF-BAND ANT 1

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.

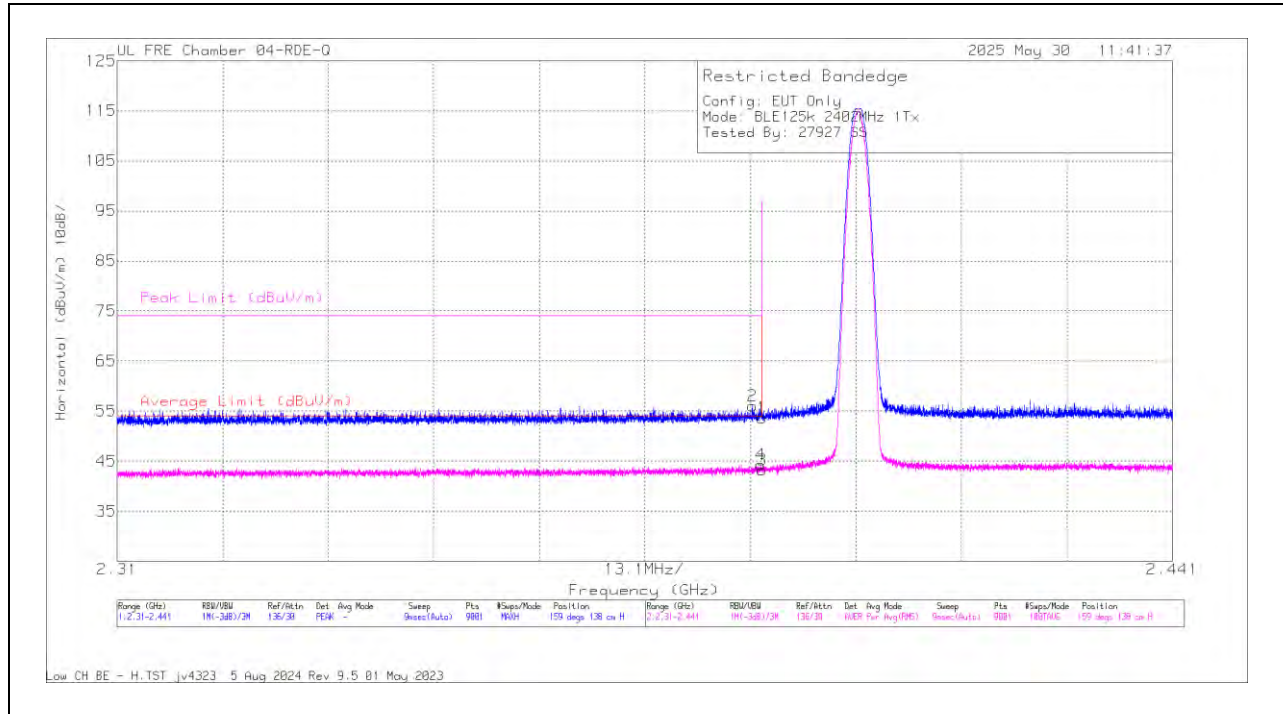
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized 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.

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

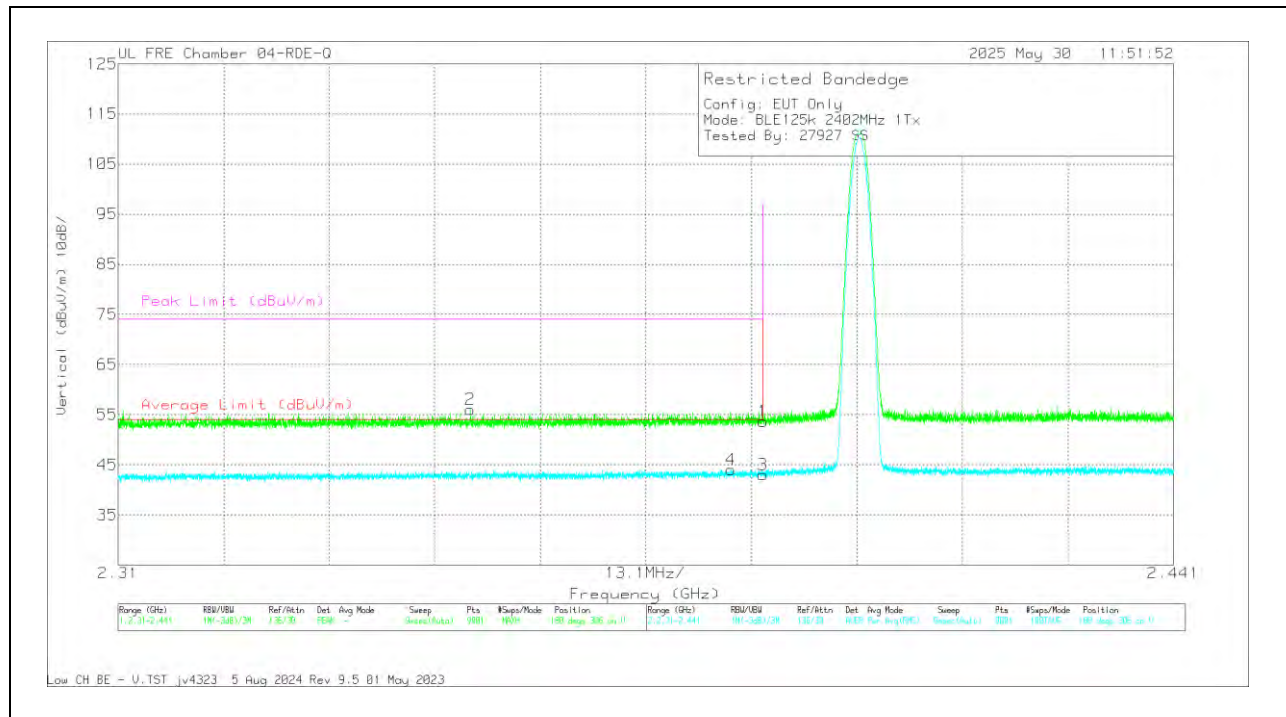
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.388835	62.47	PK	31.9	0	-38.31	56.06	-	-	74	-17.94	159	138	H
4	*2.389912	50.51	RMS	31.9	.11	-38.27	44.25	54	-9.75	-	-	159	138	H
1	*2.39	60.03	PK	31.9	0	-38.27	53.66	-	-	74	-20.34	159	138	H
3	*2.39	49.48	RMS	31.9	.11	-38.27	43.22	54	-10.78	-	-	159	138	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

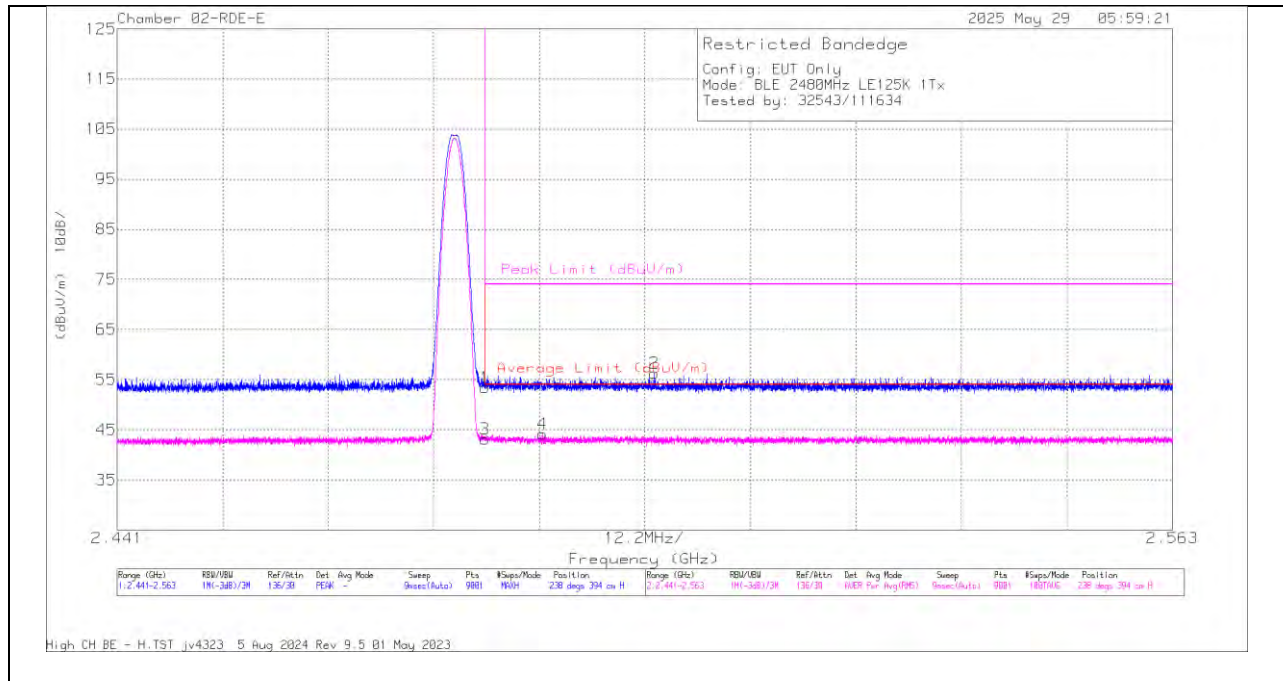


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.353726	62.53	Pk	31.9	0	-38.42	56.01	-	-	74	-17.99	180	306	V
4	*2.386041	50.39	RMS	31.9	.11	-38.33	44.07	54	-9.93	-	-	180	306	V
1	*2.39	60.06	Pk	31.9	0	-38.27	53.69	-	-	74	-20.31	180	306	V
3	*2.39	49.28	RMS	31.9	.11	-38.27	43.02	54	-10.98	-	-	180	306	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

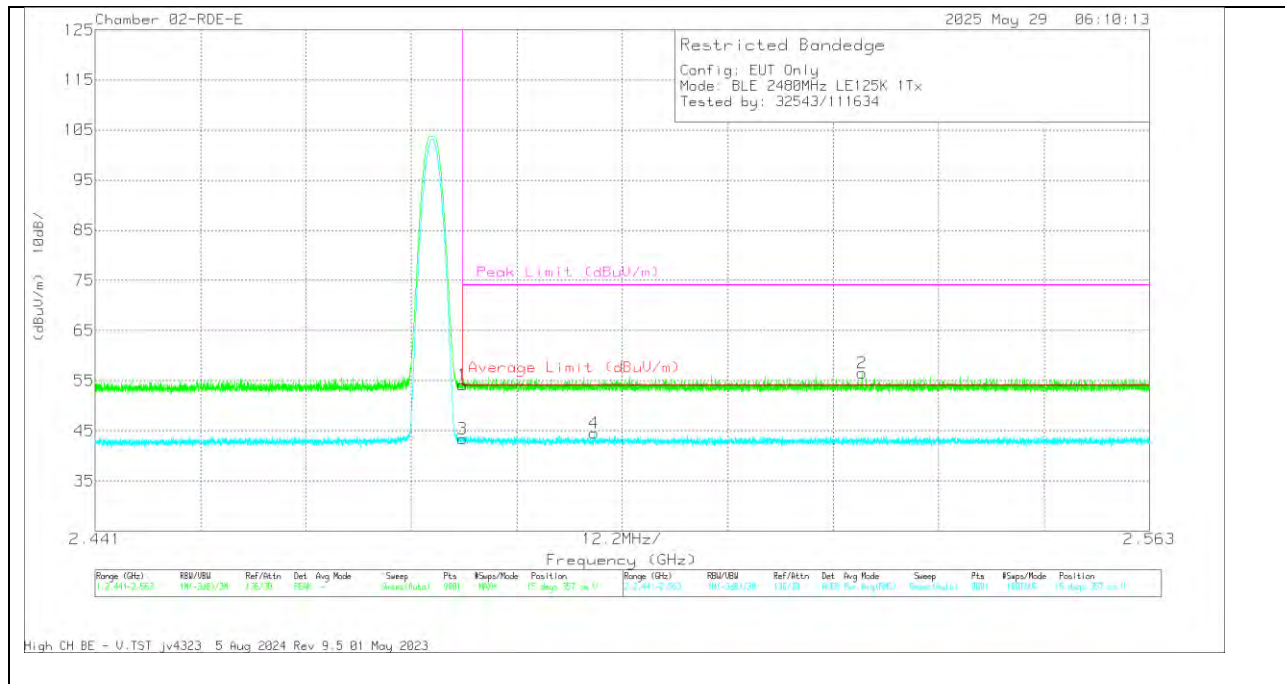
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	60.54	PK	32.5	0	-39.58	53.46	-	-	74	-20.54	238	394	H
3	*2.4835	50.13	RMS	32.5	.11	-39.58	43.16	54	-10.84	-	-	238	394	H
4	*2.490195	51.06	RMS	32.5	.11	-39.57	44.1	54	-9.9	-	-	238	394	H
2	*2.5031	63.32	PK	32.5	0	-39.54	56.28	-	-	74	-17.72	238	394	H

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

PK - Peak detector

RMS - RMS detection

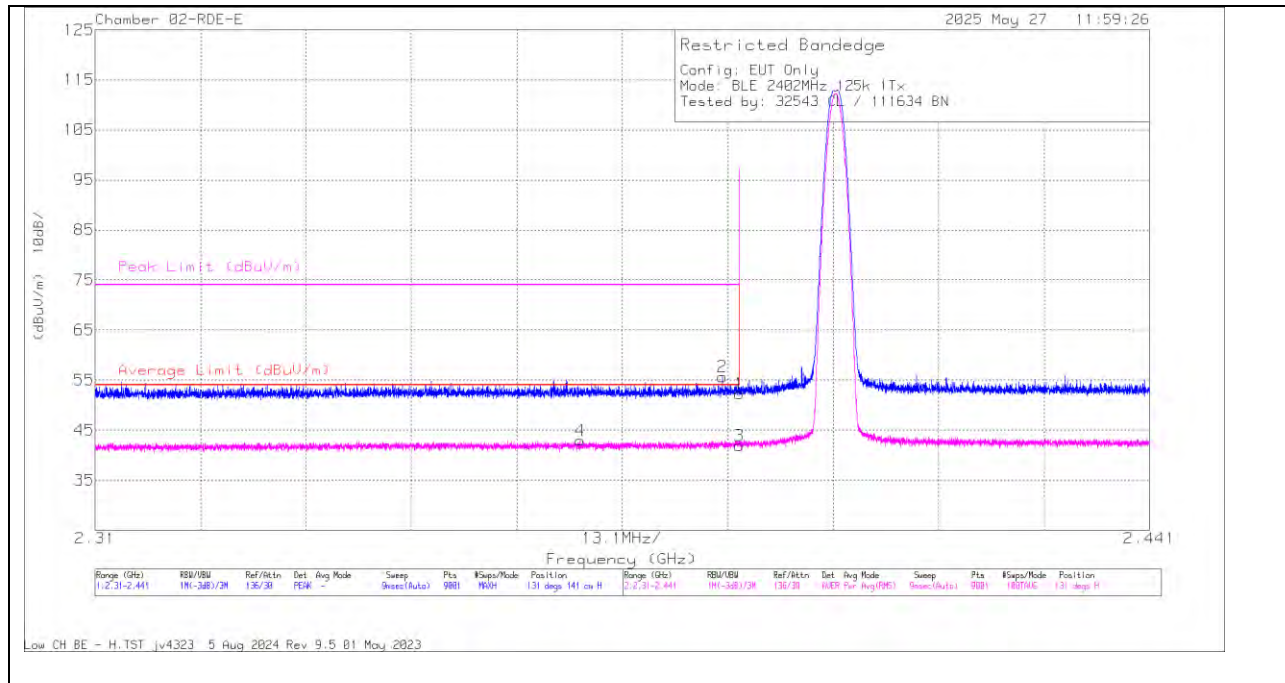
VERTICAL RESULT



* - 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 (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.91	Pk	32.1	0	-39.7	52.31	-	-	74	-21.69	131	141	H
2	* 2.387947	63.26	Pk	32.1	0	-39.7	55.66	-	-	74	-18.34	131	141	H
3	* 2.39	49.34	RMS	32.1	.11	-39.7	41.85	54	-12.15	-	-	131	141	H
4	* 2.370276	50.44	RMS	32.1	.11	-39.7	42.95	54	-11.05	-	-	131	141	H

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

PK - Peak detector

RMS - RMS detection

Chamber 02-RDE-E

2025 May 27 10:54:35

Restricted Bandedge

Config: EUT Only
Mode: BLE 2402MHz 125k 1Tx
Tested by: 32543 CL / 111634 BN

Peak Limit (dBu/m)

Average Limit (dBu/m)

13.1MHz/

Frequency (GHz)

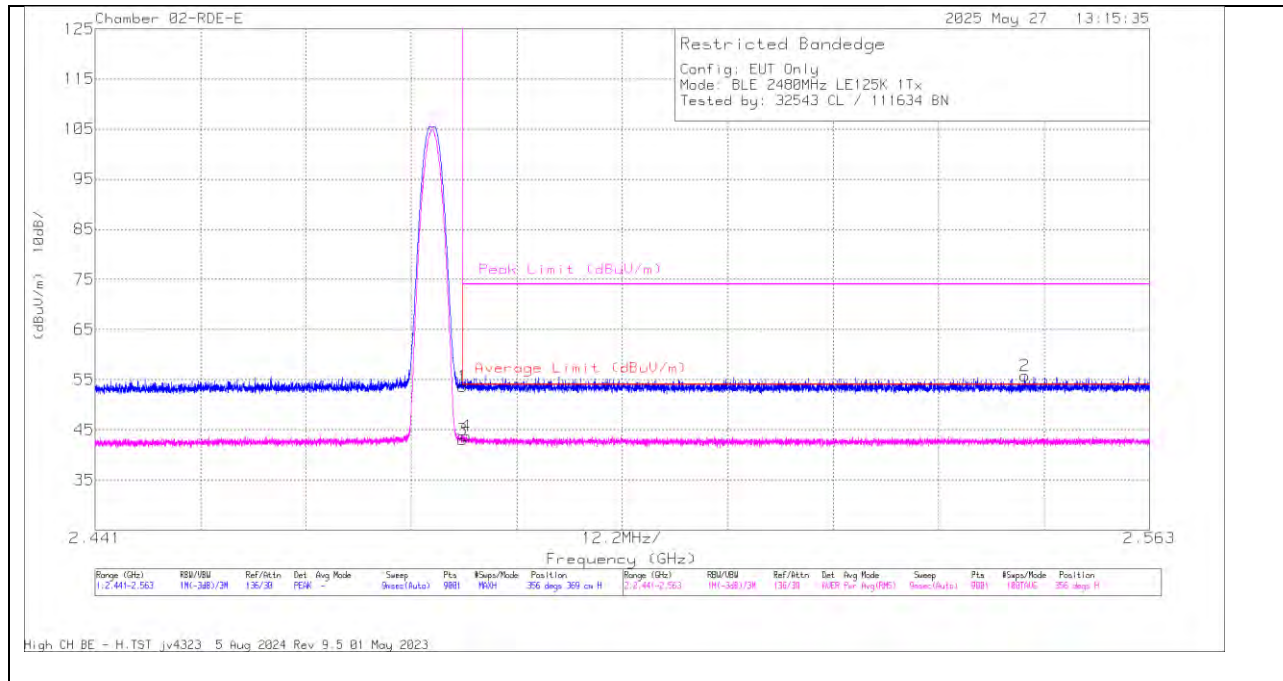
Range (GHz) 2.31-2.41 RBW/VBW 1M-3dB/2M Ref/Attn 1.8/30 Det Avg Mode FSD - Sweep Green/Red Pts 900 #Samps/Mode 1000 Position 125 degs 3.00 dB

Range (GHz) 2.31-2.41 RBW/VBW 1M-3dB/2M Ref/Attn 1.8/30 Det Avg Mode FSD For Avg(PK) Sweep Green/Red Pts 900 #Samps/Mode 1000 Position 125 degs 1

Low CH BE - V.TST jv4323 5 Aug 2024 Rev 9.5 01 May 2023

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.92	Pk	32.1	0	-39.7	52.32	-	-	74	-21.68	129	338	V
2	* 2.37917	63.48	Pk	32.1	0	-39.7	55.88	-	-	74	-18.12	129	338	V
3	* 2.39	49.91	RMS	32.1	.11	-39.7	42.42	54	-11.58	-	-	129	338	V
4	* 2.358966	50.74	RMS	32	.11	-39.73	43.12	54	-10.88	-	-	129	338	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

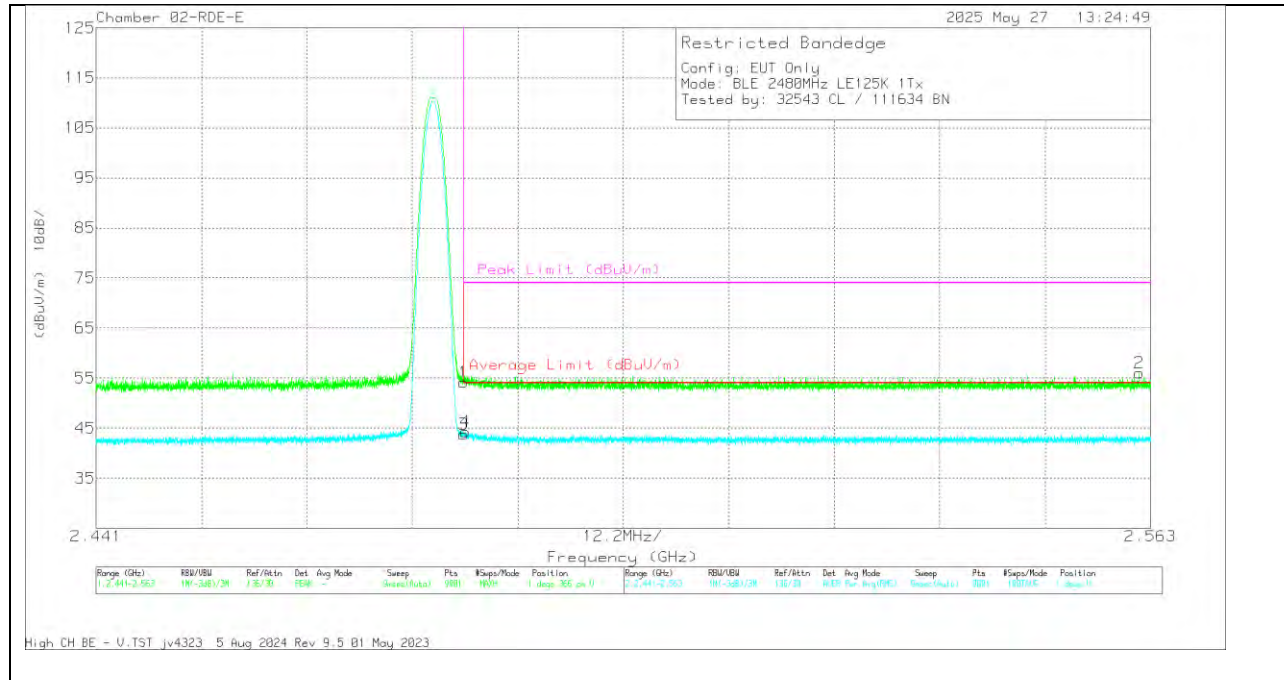
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.77	Pk	32.5	0	-39.58	53.69	-	-	74	-20.31	356	369	H
3	* 2.4835	50.09	RMS	32.5	.11	-39.58	43.12	54	-10.88	-	-	356	369	H
4	* 2.483918	50.88	RMS	32.5	.11	-39.58	43.91	54	-10.09	-	-	356	369	H
2	*2.548608	62.78	Pk	32.5	0	-39.51	55.77	-	-	74	-18.23	356	369	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 (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	61.21	Pk	32.5	0	-39.58	54.13	-	-	74	-19.87	1	366	V
3	*2.4835	50.7	RMS	32.5	.11	-39.58	43.73	54	-10.27	-	-	1	366	V
4	*2.483756	51.19	RMS	32.5	.11	-39.58	44.22	54	-9.78	-	-	1	366	V
2	*2.561676	63.04	Pk	32.5	0	-39.5	56.04	-	-	74	-17.96	1	366	V

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

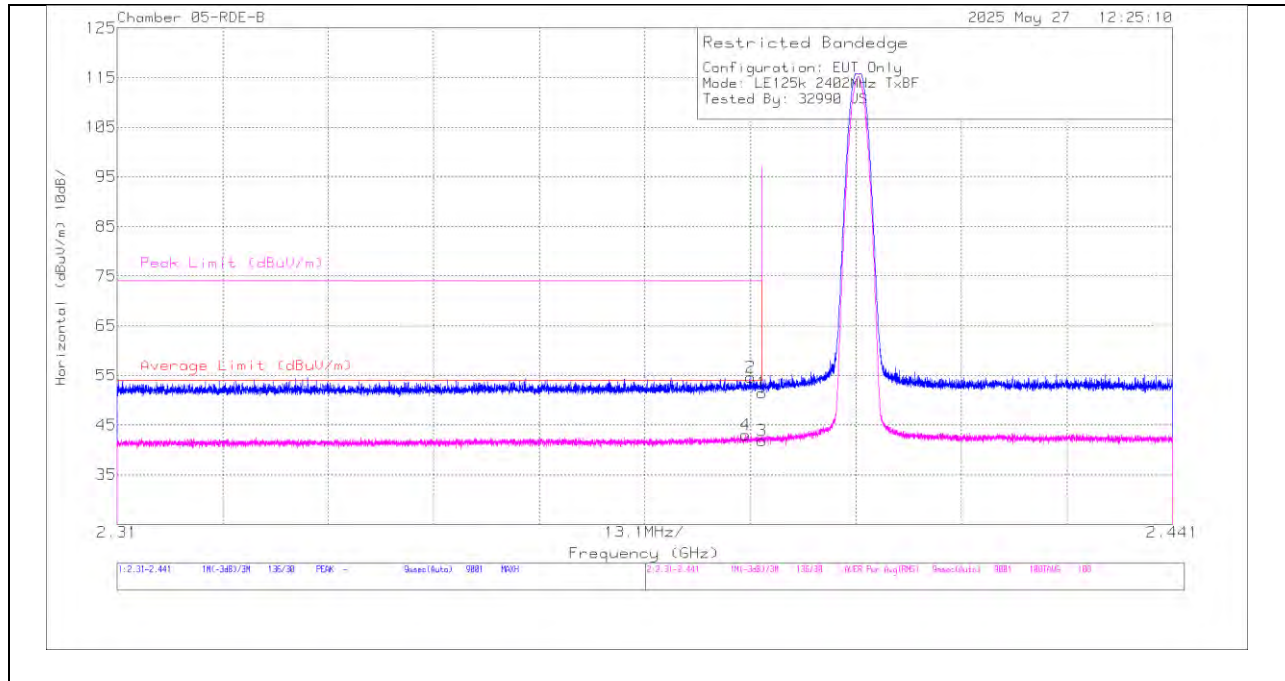
Pk - Peak detector

RMS - RMS detection

10.2.2. HIGH POWER BLE TXBF (125kbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



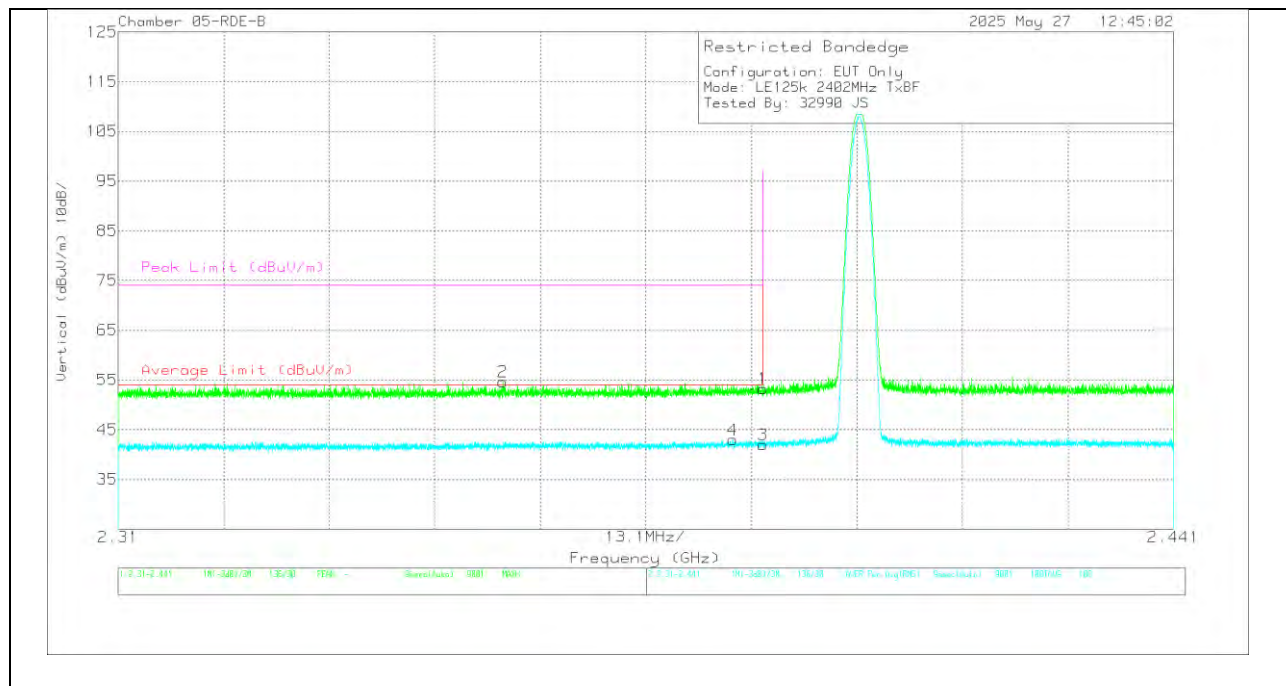
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*2.388035	51.26	RMS	32	.11	-40.38	42.99	54	-11.01	-	-	98	167	H
2	*2.388646	63.03	Pk	32	0	-40.38	54.65	-	-	74	-19.35	98	167	H
1	*2.39	59.9	Pk	32	0	-40.39	51.51	-	-	74	-22.49	98	167	H
3	*2.39	50.17	RMS	32	.11	-40.39	41.89	54	-12.11	-	-	98	167	H

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

Pk - Peak detector

RMS - RMS detection

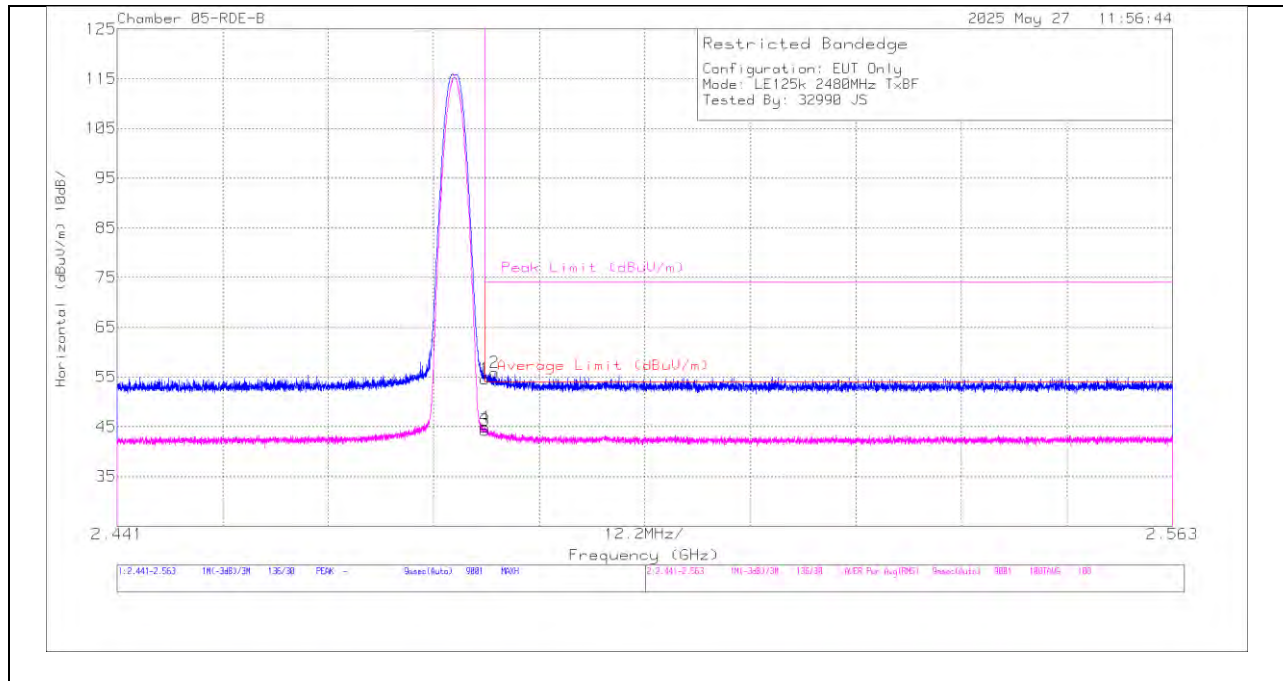
VERTICAL RESULT



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	*2.357715	63.16	Pk	31.9	0	-40.42	54.64	-	-	74	-19.36	150	366	V
4	*2.386317	51.23	RMS	32	.11	-40.39	42.95	54	-11.05	-	-	150	366	V
1	*2.39	61.62	Pk	32	0	-40.39	53.23	-	-	74	-20.77	150	366	V
3	*2.39	50.24	RMS	32	.11	-40.39	41.96	54	-12.04	-	-	150	366	V

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

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

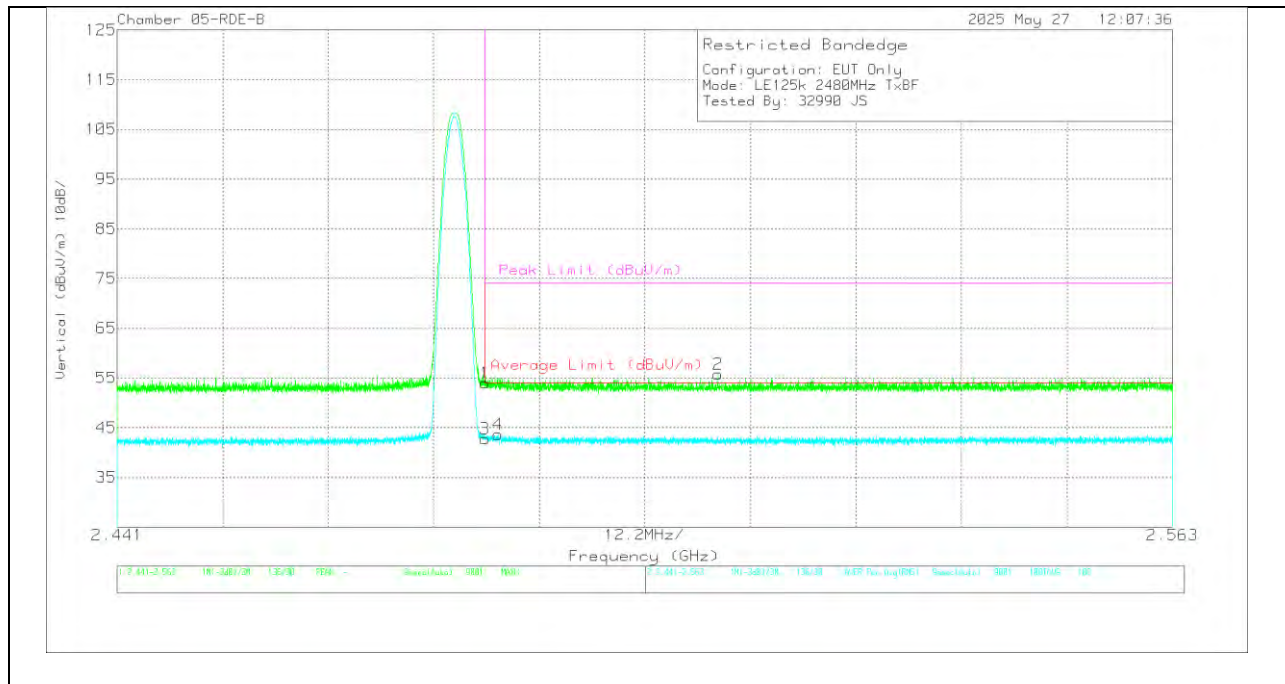
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	62.86	PK	32.2	0	-40.39	54.67	-	-	74	-19.33	98	103	H
3	*2.4835	52.38	RMS	32.2	.11	-40.39	44.3	54	-9.7	-	-	98	103	H
4	*2.483539	53	RMS	32.2	.11	-40.38	44.93	54	-9.07	-	-	98	103	H
2	*2.484637	63.98	PK	32.3	0	-40.37	55.91	-	-	74	-18.09	98	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
1	*2.4835	62.15	Pk	32.2	0	-40.39	53.96	-	-	74	-20.04	159	382	V
3	*2.4835	50.88	RMS	32.2	.11	-40.39	42.8	54	-11.2	-	-	159	382	V
4	*2.48503	51.59	RMS	32.3	.11	-40.36	43.64	54	-10.36	-	-	159	382	V
2	*2.510461	63.72	Pk	32.3	0	-40.3	55.72	-	-	74	-18.28	159	382	V

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

Pk - Peak detector

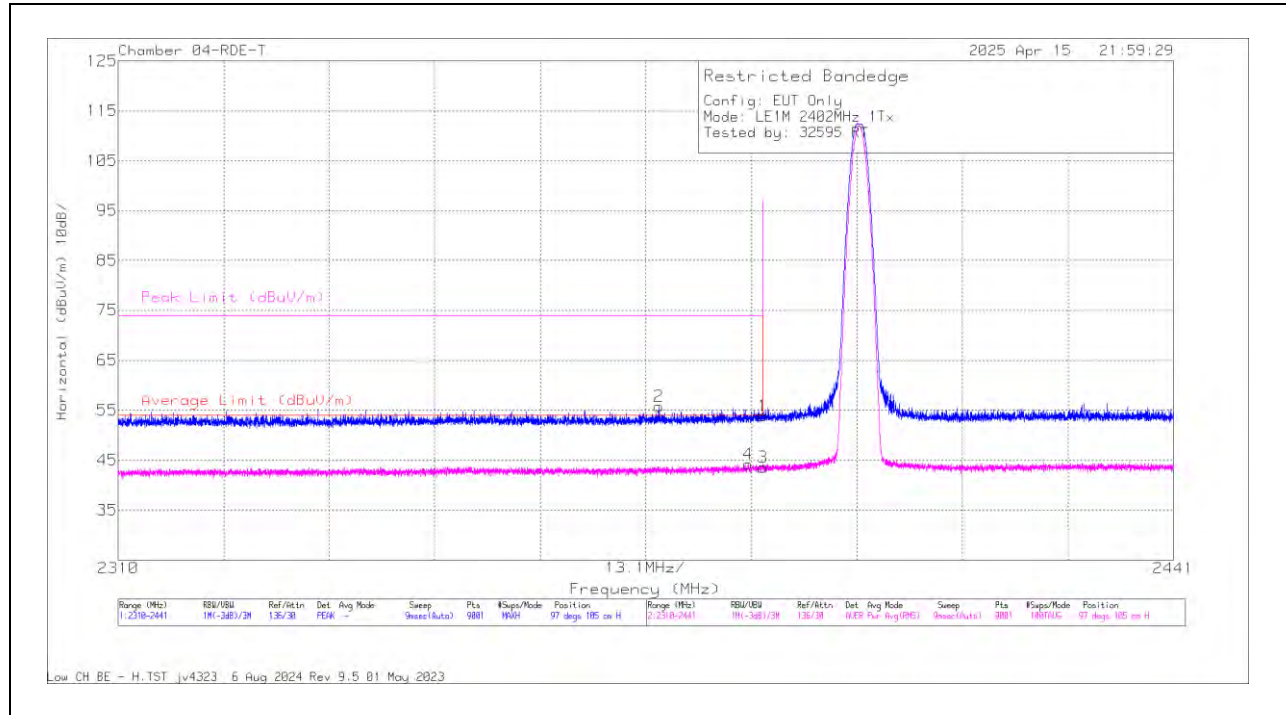
RMS - RMS detection

10.2.3. HIGH POWER BLE (1Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCOF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.67	Pk	32	0	-38.81	53.86	-	-	74	-20.14	97	105	H
2	* 2377.089	62.78	Pk	32	0	-38.98	55.8	-	-	74	-18.2	97	105	H
3	* 2390	49.66	RMS	32	.72	-38.81	43.57	54	-10.43	-	-	97	105	H
4	* 2388.209	50.37	RMS	32	.72	-38.83	44.26	54	-9.74	-	-	97	105	H

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

Chamber 04-RDE-T

2025 Apr 15 22:11:29

Restricted Bandedge

Config: EUT Only
Mode: LE1M 2402MHz 1Tx
Tested by: 32595 RT

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

Vertical (dBuV/m) 10dB/

Frequency (MHz)

13.1 MHz/

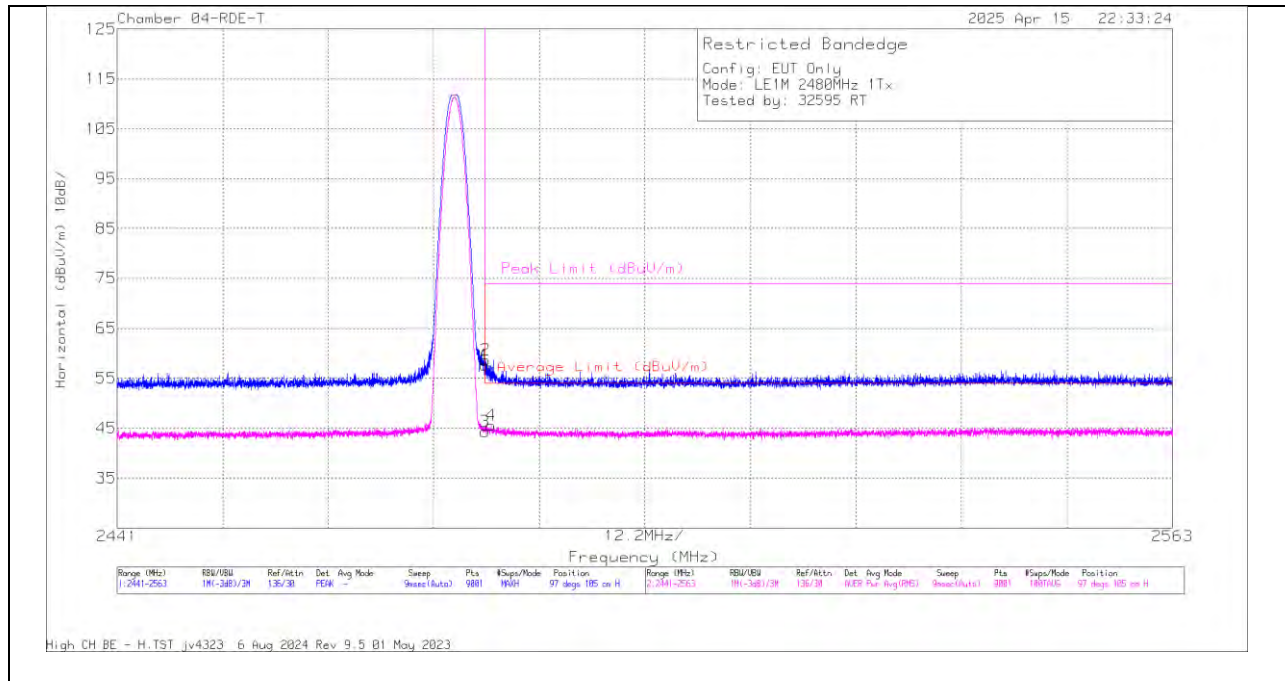
2441

Range (MHz)	RBW/VBW	Ref/Att'n	Det	Avg Mode	Sweep	Pls	#Seps/Mode	Position	Range (MHz)	RBW/VBW	Ref/Att'n	Det	Avg Mode	Sweep	Pls	#Seps/Mode	Position
100-2441	100-2441/30	1.50/30	ITD	-	Sweep/Normal	1001	1000	1.00 deg 100 up U	100-2441	100-2441/30	1.50/30	ITD	Pos Avg (RMS)	Sweep/Normal	1001	1000	1.00 deg 100 up U

Low CH BE - U.TST jv4323 5 Aug 2024 Rev 9.5 01 May 2023

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBhm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Deps)	Height (cm)	Polarity
1	* 2390	60.37	Pk	32	0	-38.81	53.56	-	-	74	-20.44	120	396	V
2	* 2388.835	62.81	Pk	32	0	-38.86	55.95	-	-	74	-18.05	120	396	V
3	* 2390	49.65	RMS	32	.72	-38.81	43.56	54	-10.44	-	-	120	396	V
4	* 2386.244	50.48	RMS	32	.72	-38.97	44.23	54	-9.77	-	-	120	396	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

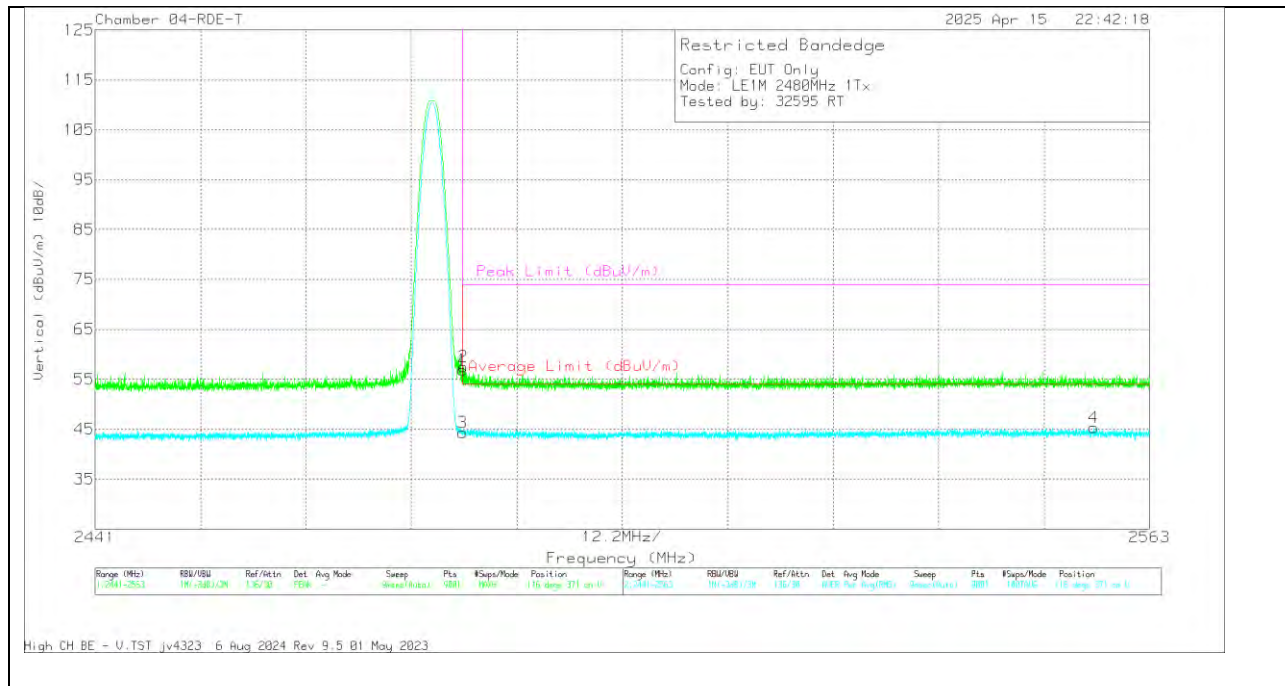
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	64.18	Pk	32.2	0	-38.74	57.64	-	-	74	-16.36	97	105	H
2	* 2483.579	65.21	Pk	32.2	0	-38.73	58.68	-	-	74	-15.32	97	105	H
3	* 2483.5	50.12	RMS	32.2	.72	-38.74	44.3	54	-9.7	-	-	97	105	H
4	* 2484.257	51.38	RMS	32.2	.72	-38.72	45.58	54	-8.42	-	-	97	105	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

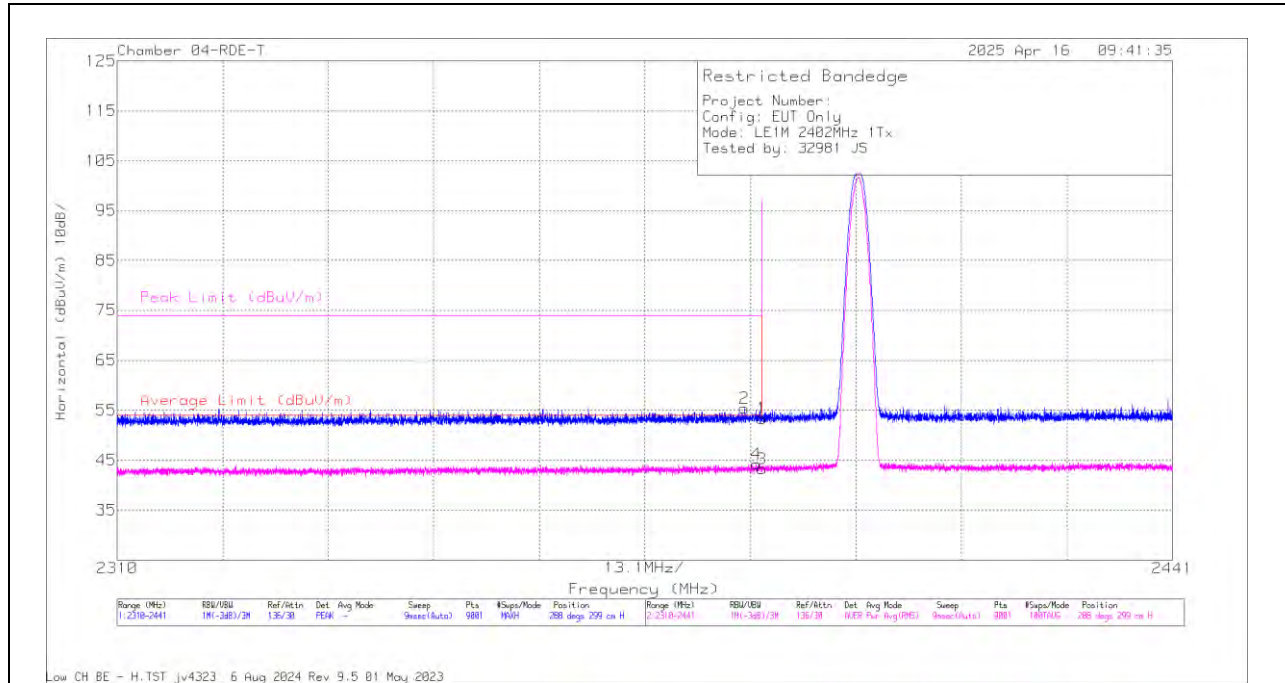


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	63.45	Pk	32.2	0	-38.74	56.91	-	-	74	-17.09	116	371	V
2	* 2483.62	64.08	Pk	32.2	0	-38.73	57.55	-	-	74	-16.45	116	371	V
3	* 2483.5	50.2	RMS	32.2	.72	-38.74	44.38	54	-9.62	-	-	116	371	V
4	2556.538	50.52	RMS	32.4	.72	-38.28	45.36	54	-8.64	-	-	116	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**

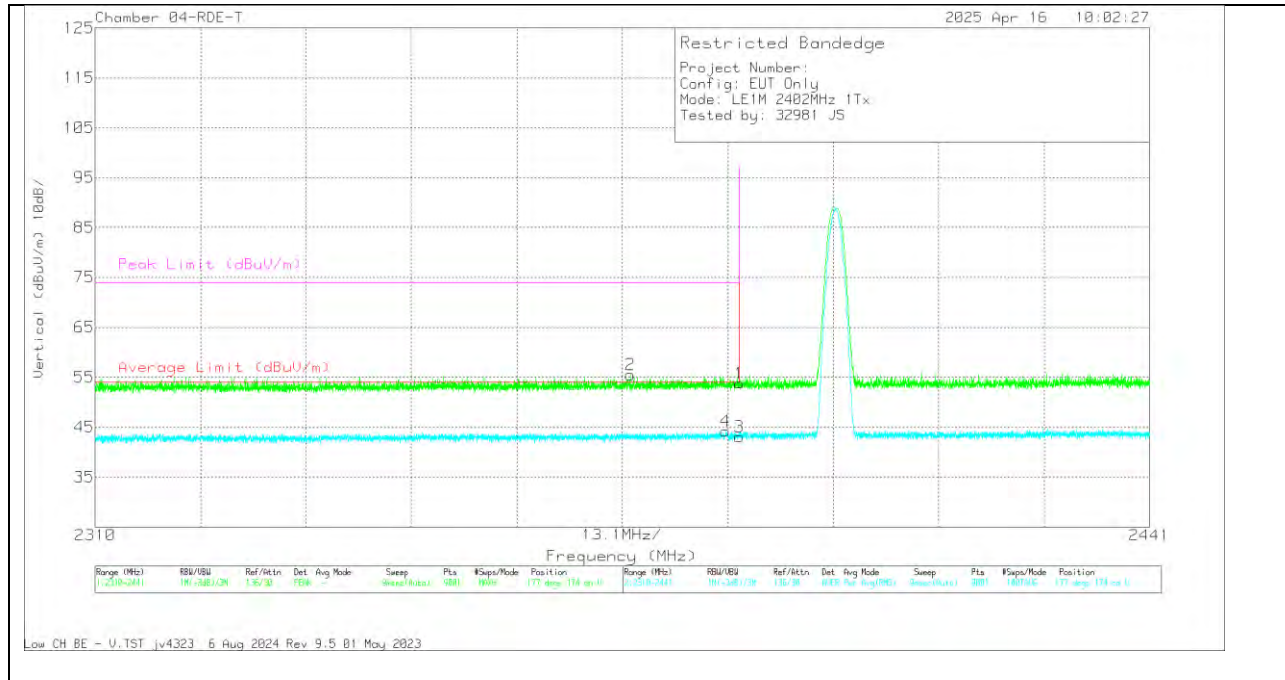
Marker	Frequency (MHz)	Meter Reading (dBu)	Det	78834 ACF (dBm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.15	Pk	32	0	-38.81	53.34	-	-	74	-20.66	288	299	H
2	* 2387.845	62.29	Pk	32	0	-38.84	55.45	-	-	74	-18.55	288	299	H
3	* 2390	49.36	RMS	32	.72	-38.81	43.27	54	-10.73	-	-	288	299	H
4	* 2389.301	50.36	RMS	32	.72	-38.85	44.23	54	-9.77	-	-	288	299	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

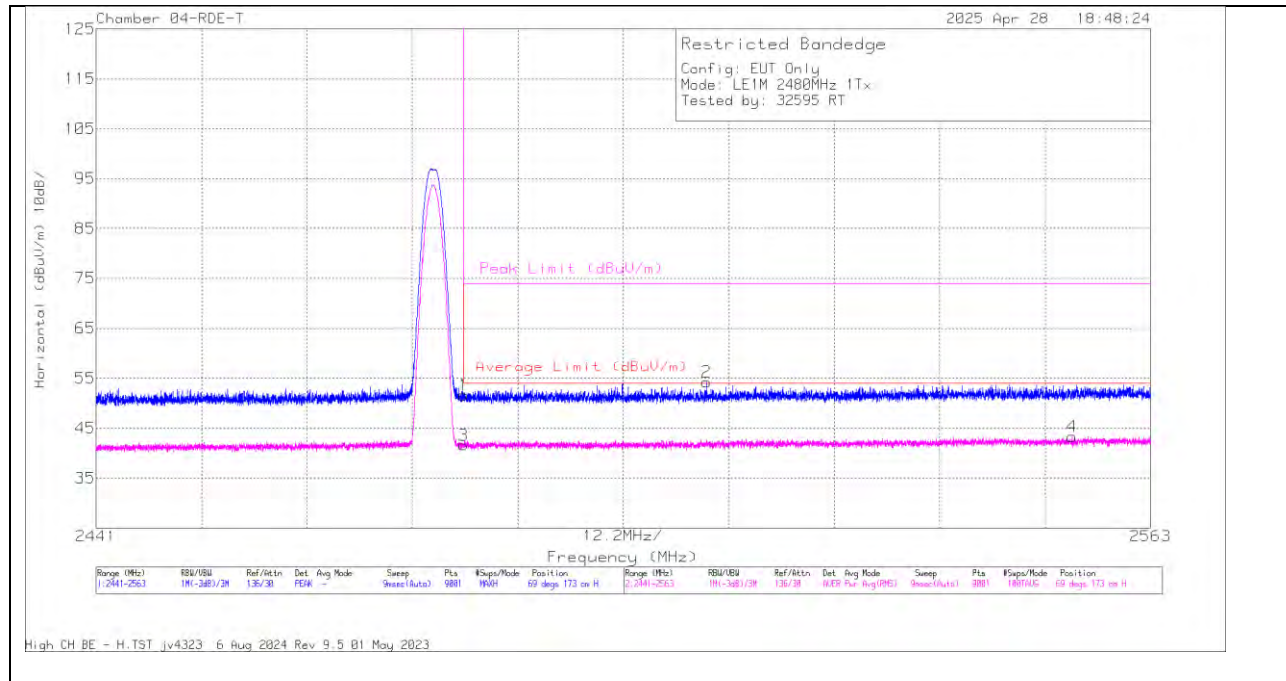


Marker	Frequency (MHz)	Meter Reading (dBu)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.62	Pk	32	0	-38.81	53.81	-	-	74	-20.19	177	174	V
2	* 2376.492	62.49	Pk	32	0	-38.97	55.52	-	-	74	-18.48	177	174	V
3	* 2390	49.2	RMS	32	.72	-38.81	43.11	54	-10.89	-	-	177	174	V
4	* 2388.34	50.31	RMS	32	.72	-38.84	44.19	54	-9.81	-	-	177	174	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

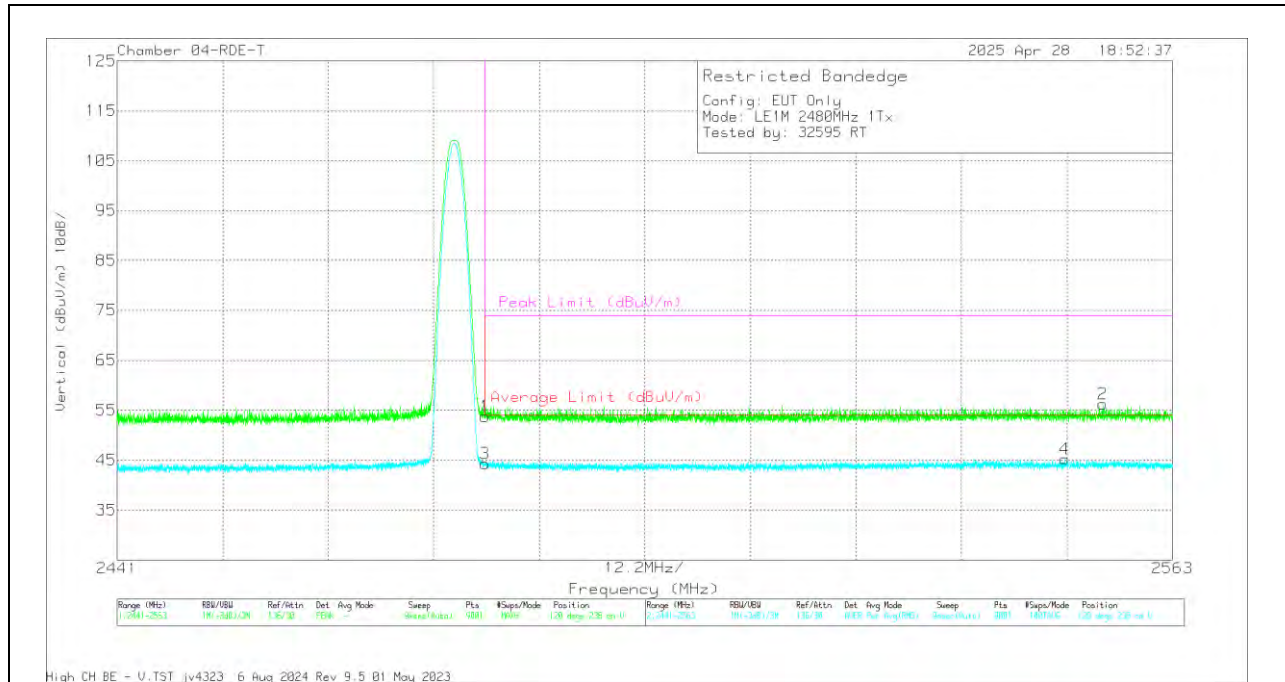
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	58.2	Pk	32.2	0	-38.74	51.66	-	-	74	-22.34	69	173	H
3	* 2483.5	47.45	RMS	32.2	.72	-38.74	41.63	54	-12.37	-	-	69	173	H
2	2511.6	60.46	Pk	32.4	0	-38.64	54.22	-	-	74	-19.78	69	173	H
4	2553.921	48.63	RMS	32.4	.72	-38.37	43.38	54	-10.62	-	-	69	173	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

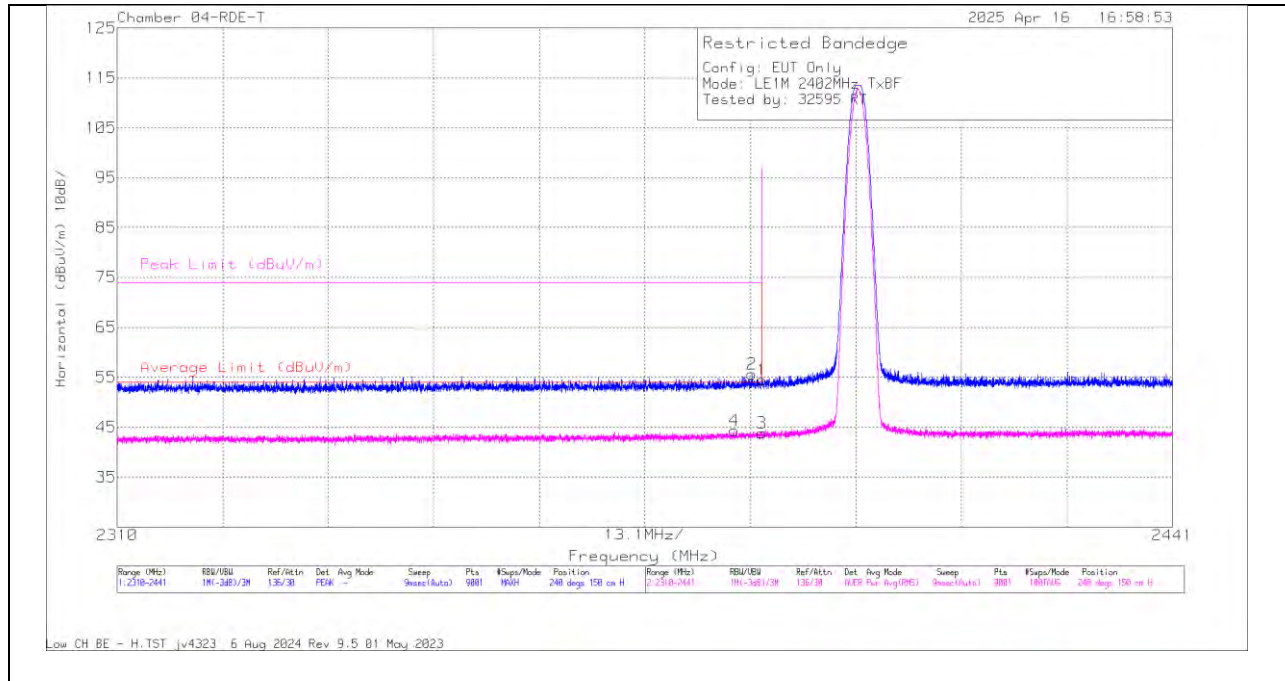


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.32	Pk	32.2	0	-38.74	53.78	-	-	74	-20.22	120	238	V
3	* 2483.5	50.14	RMS	32.2	.72	-38.74	44.32	54	-9.68	-	-	120	238	V
4	2550.519	50.64	RMS	32.4	.72	-38.49	45.27	54	-8.73	-	-	120	238	V
2	2554.925	62.19	Pk	32.4	0	-38.31	56.28	-	-	74	-17.72	120	238	V

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

Pk - Peak detector

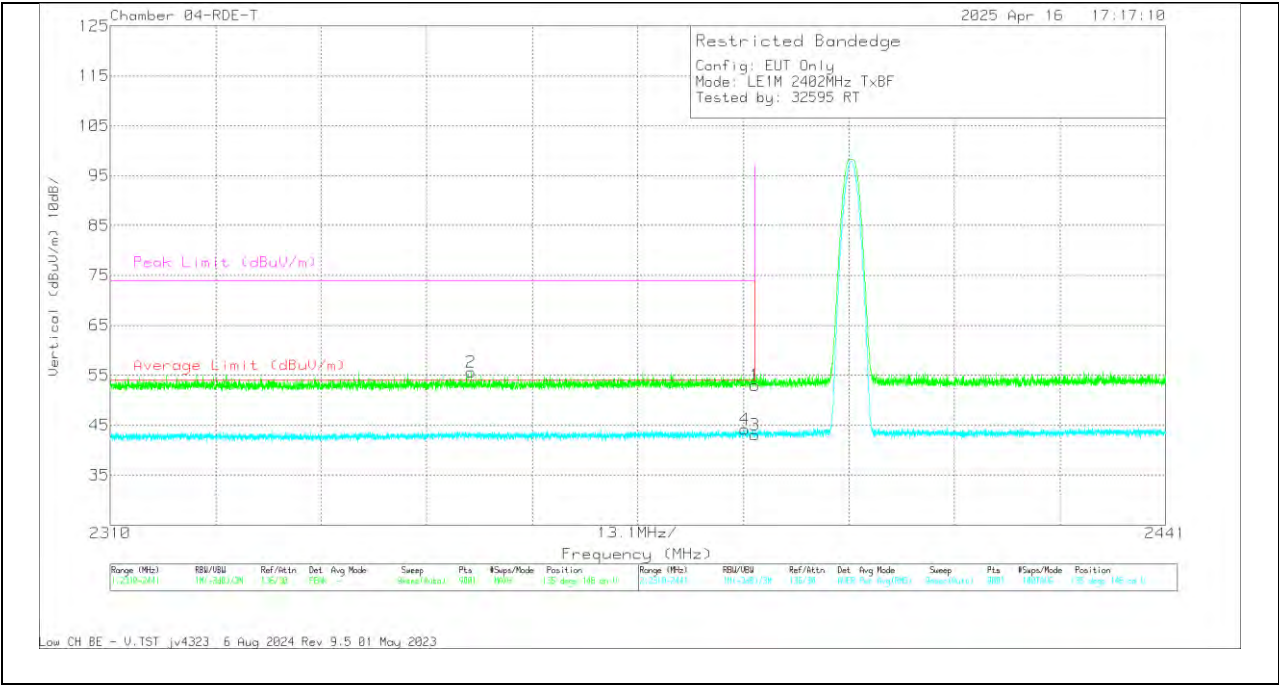
RMS - RMS detection

10.2.4. HIGH POWER BLE TXBF (1Mbps)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (MHz)	Meter Reading (dBu)	Det	79834 ACF (dBm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2390	61.27	Pk	32	0	-38.81	54.46	-	-	74	-19.54	240	150	H
2	* 2388.792	62.49	Pk	32	0	-38.86	55.63	-	-	74	-18.37	240	150	H
3	* 2390	49.95	RMS	32	.72	-38.81	43.86	54	-10.14	-	-	240	150	H
4	* 2386.637	50.56	RMS	32	.72	-38.95	44.33	54	-9.67	-	-	240	150	H

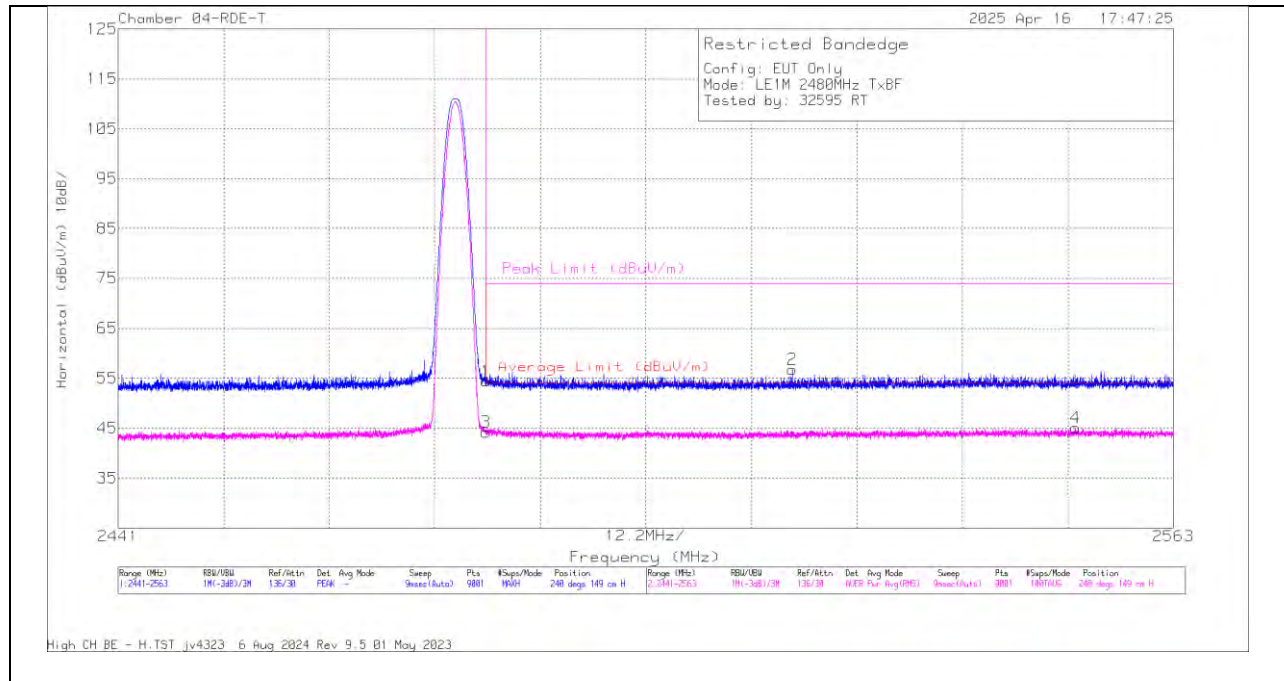
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	7834 ACF (dBm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.8	Pk	32	0	-38.81	52.99	-	-	74	-21.01	135	148	V
2	* 2354.803	62.8	Pk	31.8	0	-38.99	55.61	-	-	74	-18.39	135	148	V
3	* 2390	49.16	RMS	32	.72	-38.81	43.07	54	-10.93	-	-	135	148	V
4	* 2388.792	50.4	RMS	32	.72	-38.86	44.26	54	-9.74	-	-	135	148	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

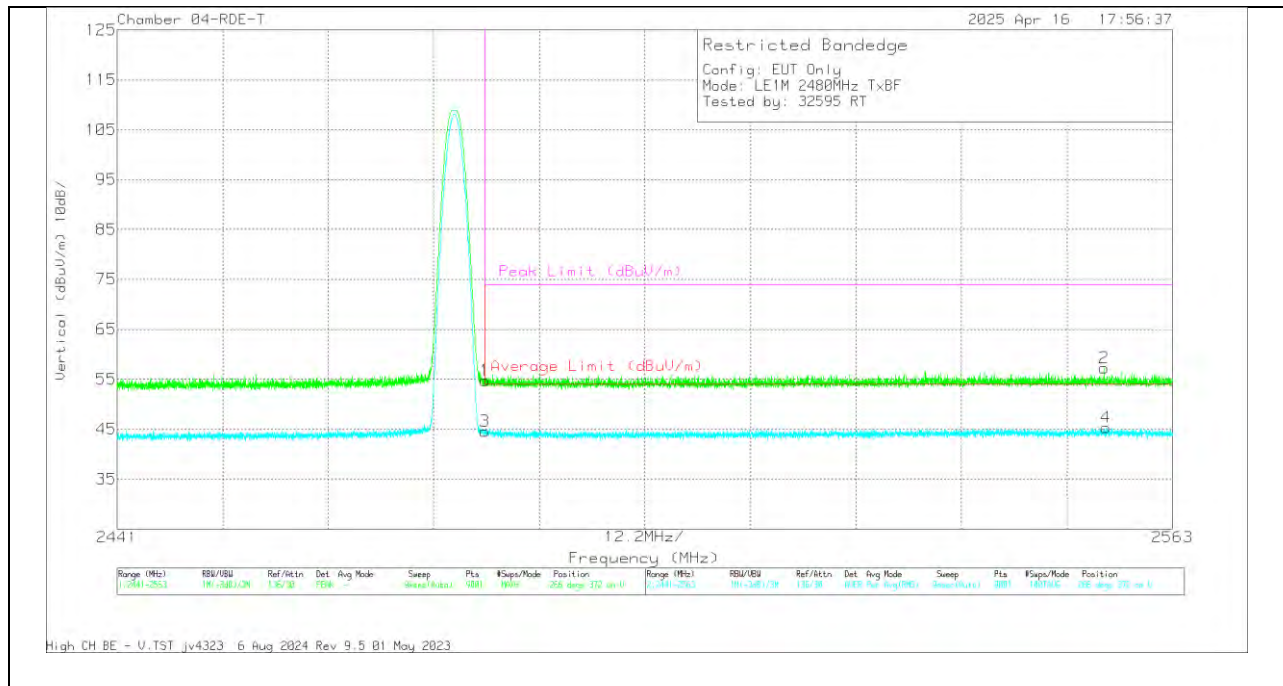
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	61	Pk	32.2	0	-38.74	54.46	-	-	74	-19.54	240	149	H
3	* 2483.5	50.04	RMS	32.2	.72	-38.74	44.22	54	-9.78	-	-	240	149	H
2	2518.92	62.95	Pk	32.4	0	-38.53	56.82	-	-	74	-17.18	240	149	H
4	2551.698	50.38	RMS	32.4	.72	-38.43	45.07	54	-8.93	-	-	240	149	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBU/m)	Det	79834 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	* 2483.5	61.3	Pk	32.2	0	-38.74	54.76	-	-	74	-19.24	266	372	V
3	* 2483.5	50.41	RMS	32.2	.72	-38.74	44.59	54	-9.41	-	-	266	372	V
2	2555.114	63.22	Pk	32.4	0	-38.3	57.32	-	-	74	-16.68	266	372	V
4	2555.318	50.5	RMS	32.4	.72	-38.3	45.32	54	-8.68	-	-	266	372	V

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

PK - Peak detector

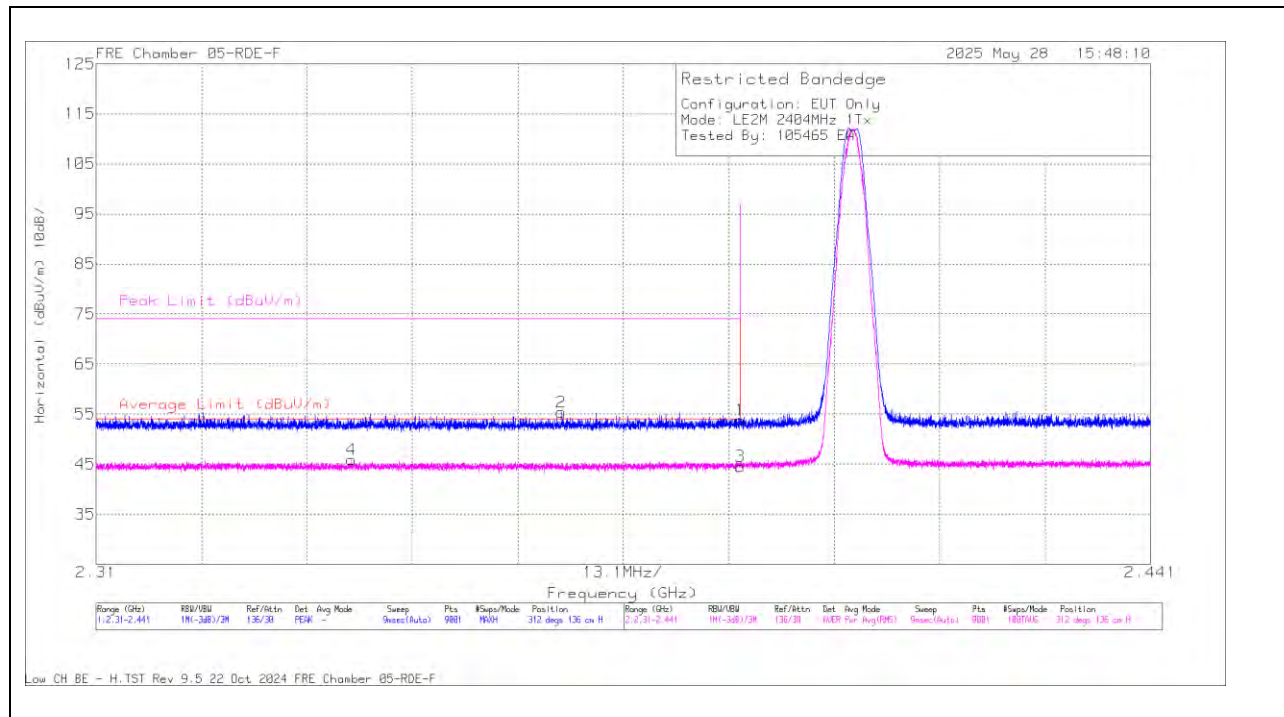
RMS - RMS detection

10.2.5. HIGH POWER BLE (2Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



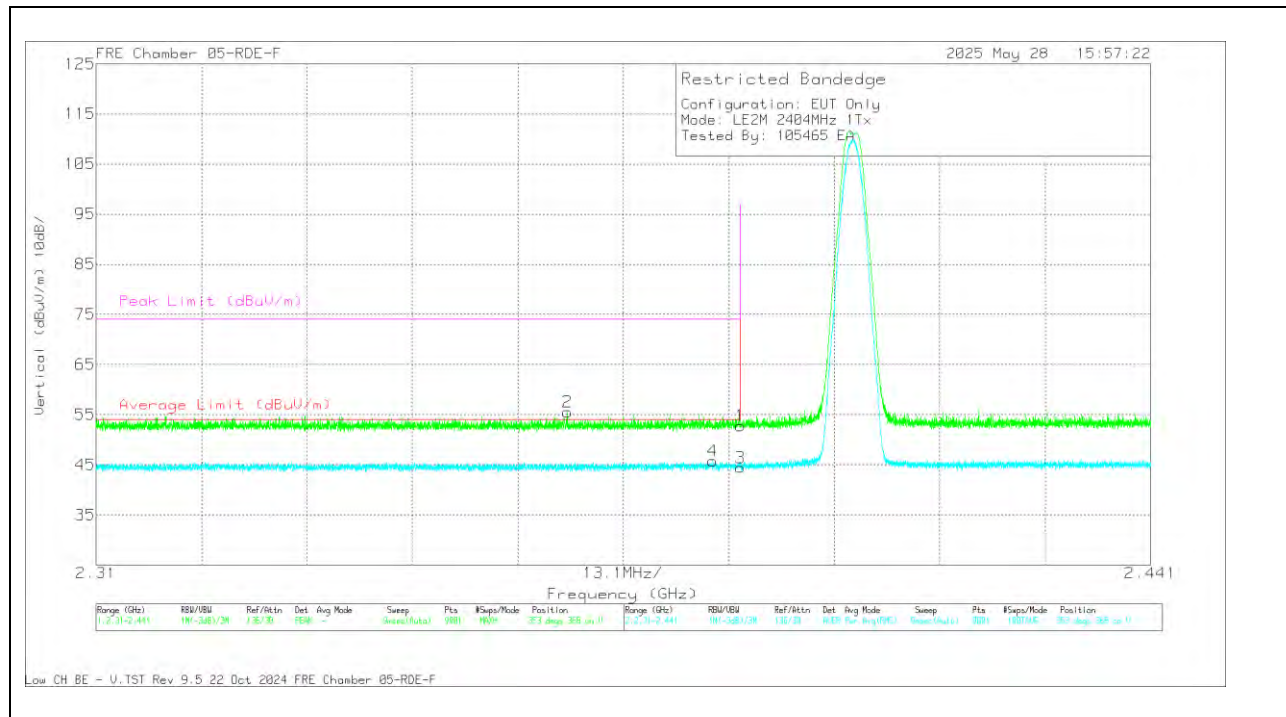
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	61.98	PK	32.3	0	-40.54	53.74	-	-	74	-20.26	312	136	H
2	*2.367773	63.7	PK	32.2	0	-40.55	55.35	-	-	74	-18.65	312	136	H
3	*2.39	50.32	RMS	32.3	2.46	-40.54	44.54	54	-9.46	-	-	312	136	H
4	*2.341747	51.84	RMS	32.1	2.46	-40.53	45.87	54	-8.13	-	-	312	136	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

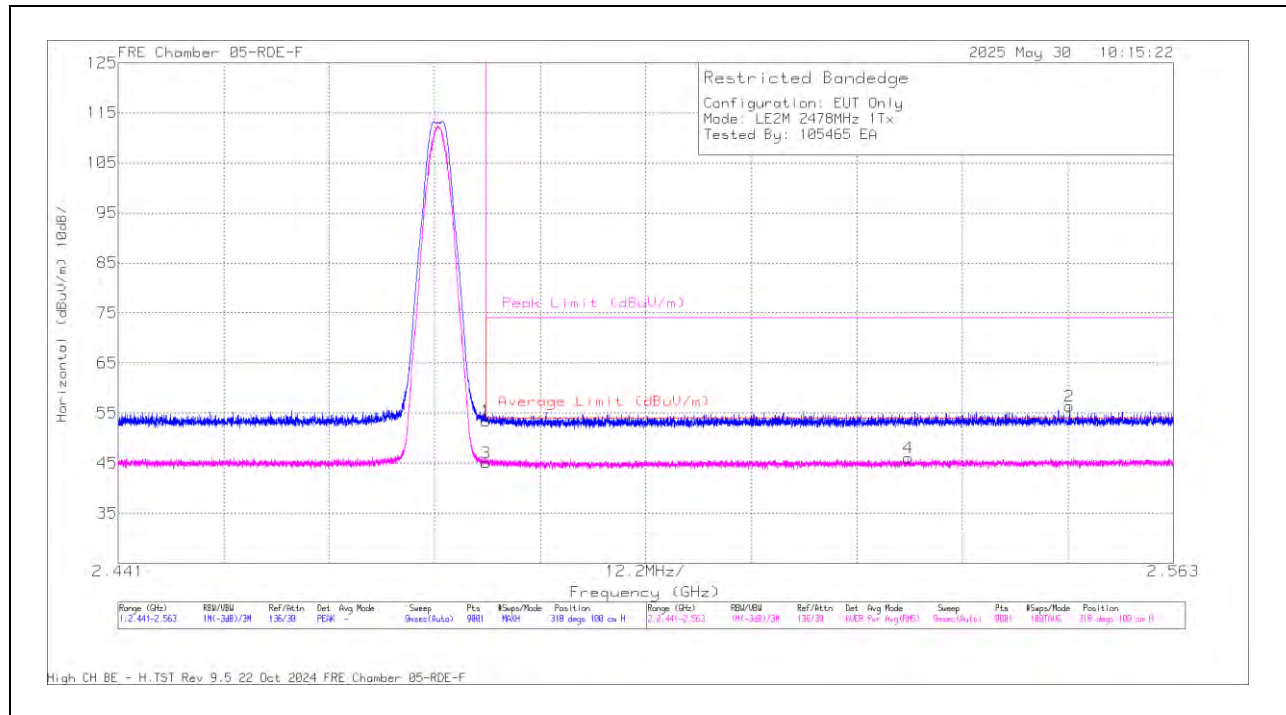


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.99	Pk	32.3	0	-40.54	52.75	-	-	74	-21.25	353	368	V
2	*2.36853	63.83	Pk	32.2	0	-40.54	55.49	-	-	74	-18.51	353	368	V
3	*2.39	50.23	RMS	32.3	2.46	-40.54	44.45	54	-9.55	-	-	353	368	V
4	*2.386623	51.55	RMS	32.3	2.46	-40.57	45.74	54	-8.26	-	-	353	368	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

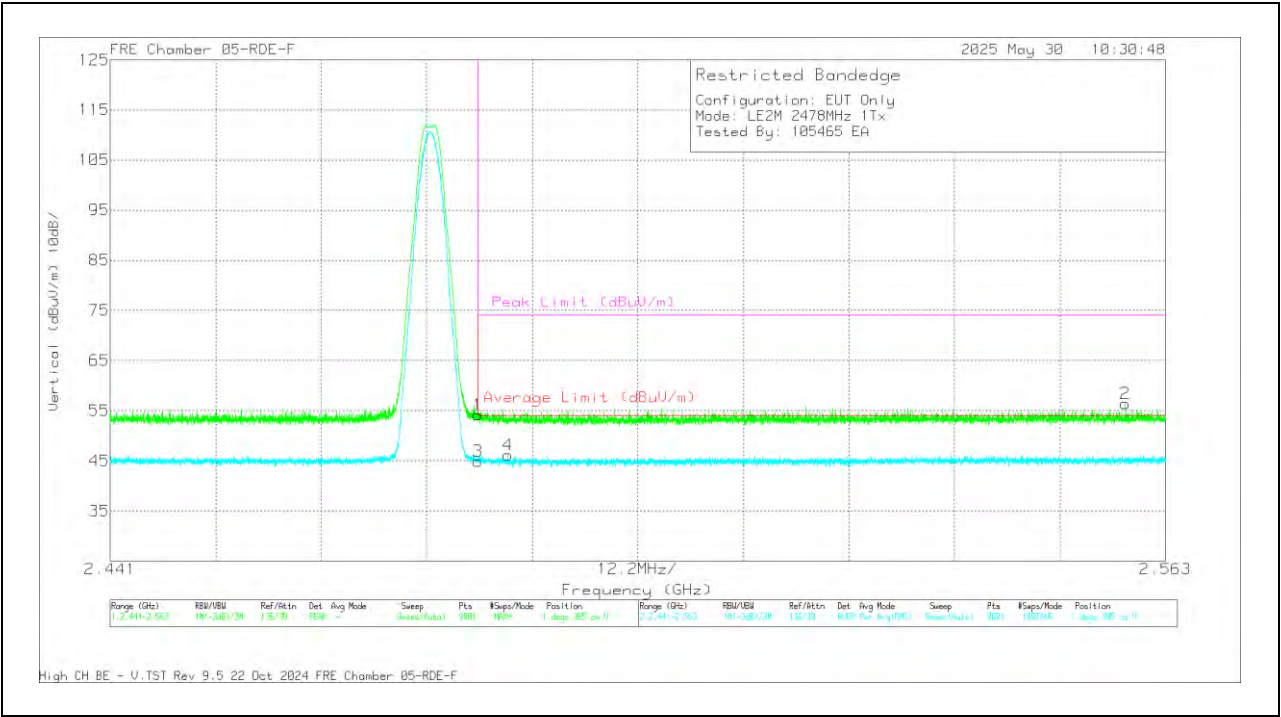
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	61.6	PK	32.2	0	-40.44	53.36	-	-	74	-20.64	318	100	H
2	*2.55098	64.09	PK	32.4	0	-40.14	56.35	-	-	74	-17.65	318	100	H
3	*2.4835	50.85	RMS	32.2	2.46	-40.44	45.07	54	-8.93	-	-	318	100	H
4	*2.532354	51.33	RMS	32.4	2.46	-40.2	45.99	54	-8.01	-	-	318	100	H

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

PK - Peak detector

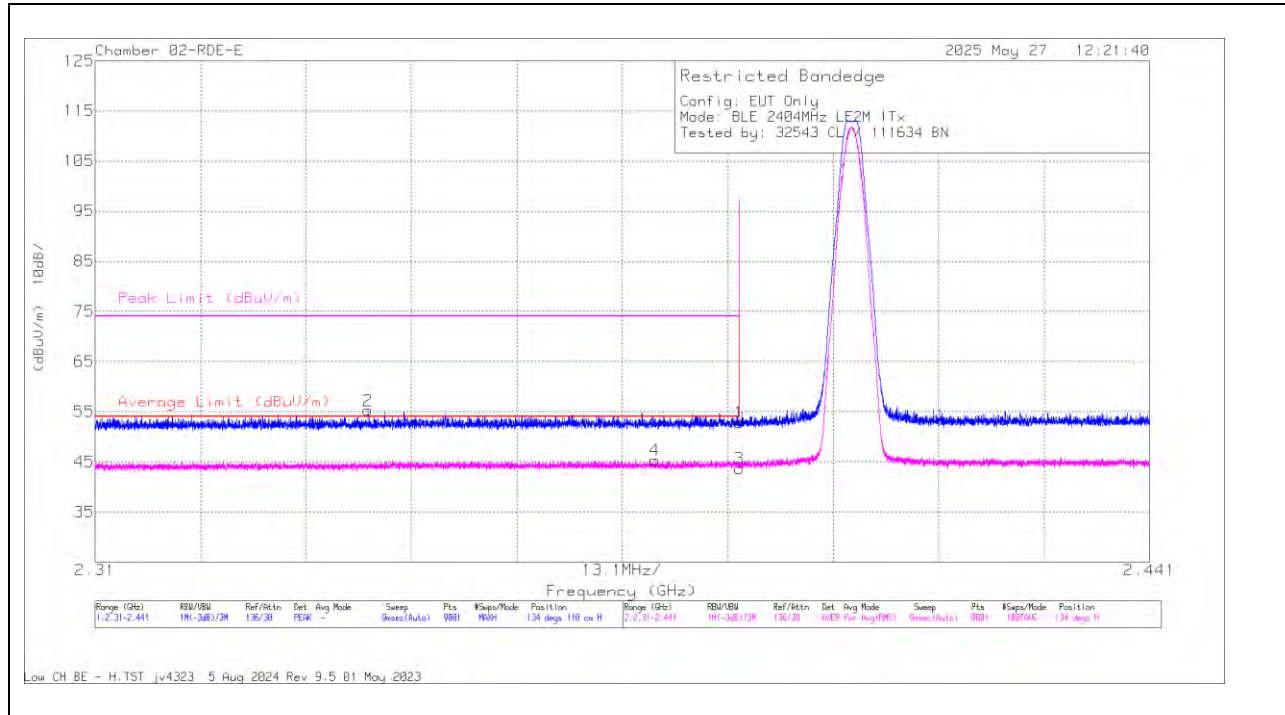
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 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	62.35	Pk	32.2	0	-40.44	54.11	-	-	74	-19.89	1	385	V
2	*2.558341	64.13	Pk	32.4	0	-40.09	56.44	-	-	74	-17.56	1	385	V
3	*2.4835	50.7	RMS	32.2	2.46	-40.44	44.92	54	-9.08	-	-	1	385	V
4	*2.486968	51.88	RMS	32.2	2.46	-40.4	46.14	54	-7.86	-	-	1	385	V

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

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

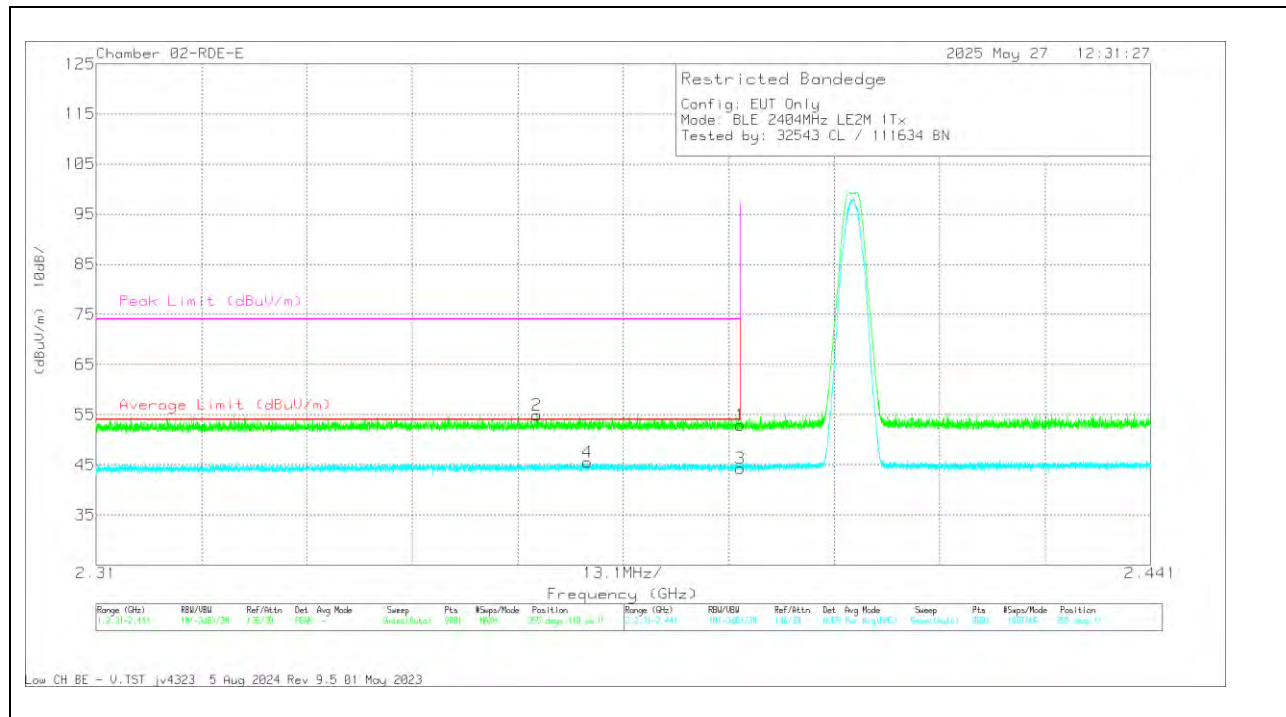
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.36	PK	32.1	0	-39.7	52.76	-	-	74	-21.24	134	110	H
2	* 2.343901	62.93	PK	32	0	-39.71	55.22	-	-	74	-18.78	134	110	H
3	* 2.39	49.73	RMS	32.1	2.46	-39.7	43.59	54	-10.41	-	-	134	110	H
4	* 2.379549	50.46	RMS	32.1	2.46	-39.69	45.33	54	-8.67	-	-	134	110	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

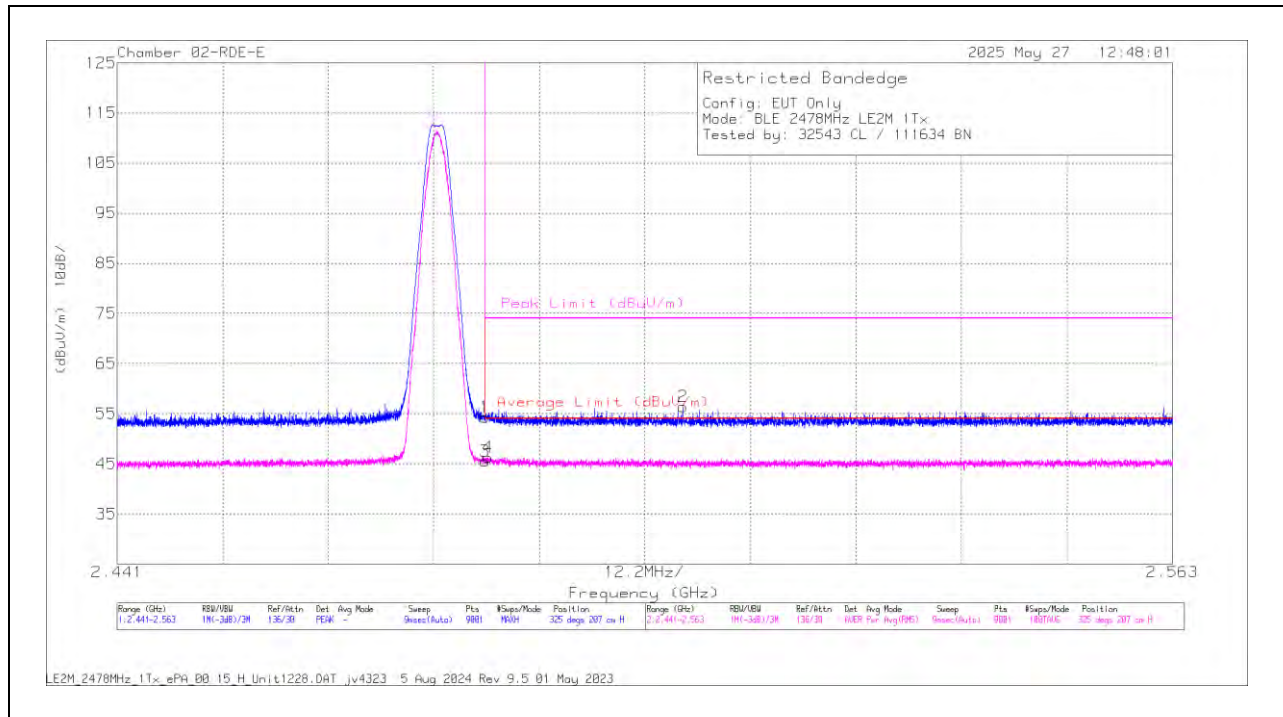


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.46	Pk	32.1	0	-39.7	52.86	-	-	74	-21.14	355	110	V
2	* 2.364774	62.65	Pk	32	0	-39.7	54.95	-	-	74	-19.05	355	110	V
3	* 2.39	49.38	RMS	32.1	2.46	-39.7	44.24	54	-9.76	-	-	355	110	V
4	* 2.371019	50.64	RMS	32.1	2.46	-39.71	45.49	54	-8.51	-	-	355	110	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

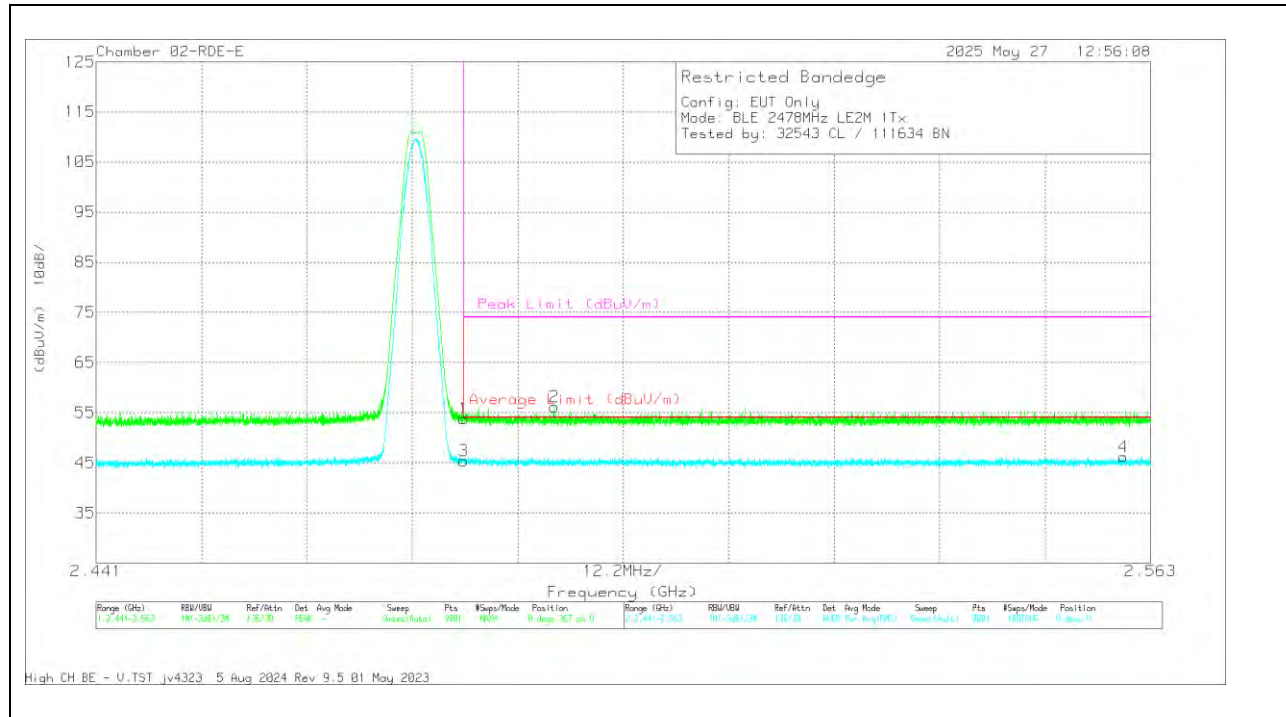
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.41	PK	32.5	0	-39.58	54.33	-	-	74	-19.67	325	207	H
3	* 2.4835	50.15	RMS	32.5	2.46	-39.58	45.53	54	-8.47	-	-	325	207	H
4	* 2.483905	50.85	RMS	32.5	2.46	-39.58	46.23	54	-7.77	-	-	325	207	H
2	* 2.506394	63.48	PK	32.5	0	-39.52	56.46	-	-	74	-17.54	325	207	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT



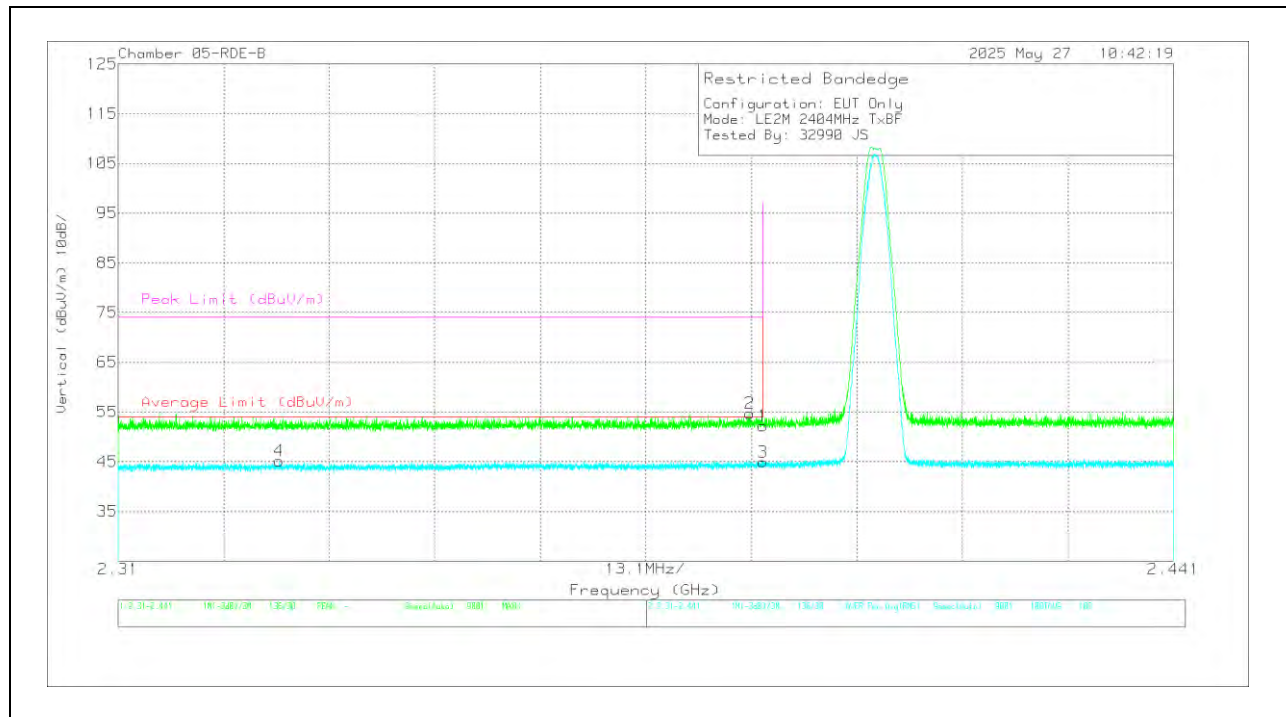
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.89	PK	32.5	0	-39.58	53.81	-	-	74	-20.19	0	367	V
2	* 2.494031	63.26	PK	32.5	0	-39.57	56.19	-	-	74	-17.81	0	367	V
3	* 2.4835	49.97	RMS	32.5	2.46	-39.58	45.35	54	-8.65	-	-	0	367	V
4	* 2.559845	50.74	RMS	32.5	2.46	-39.5	46.2	54	-7.8	-	-	0	367	V

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

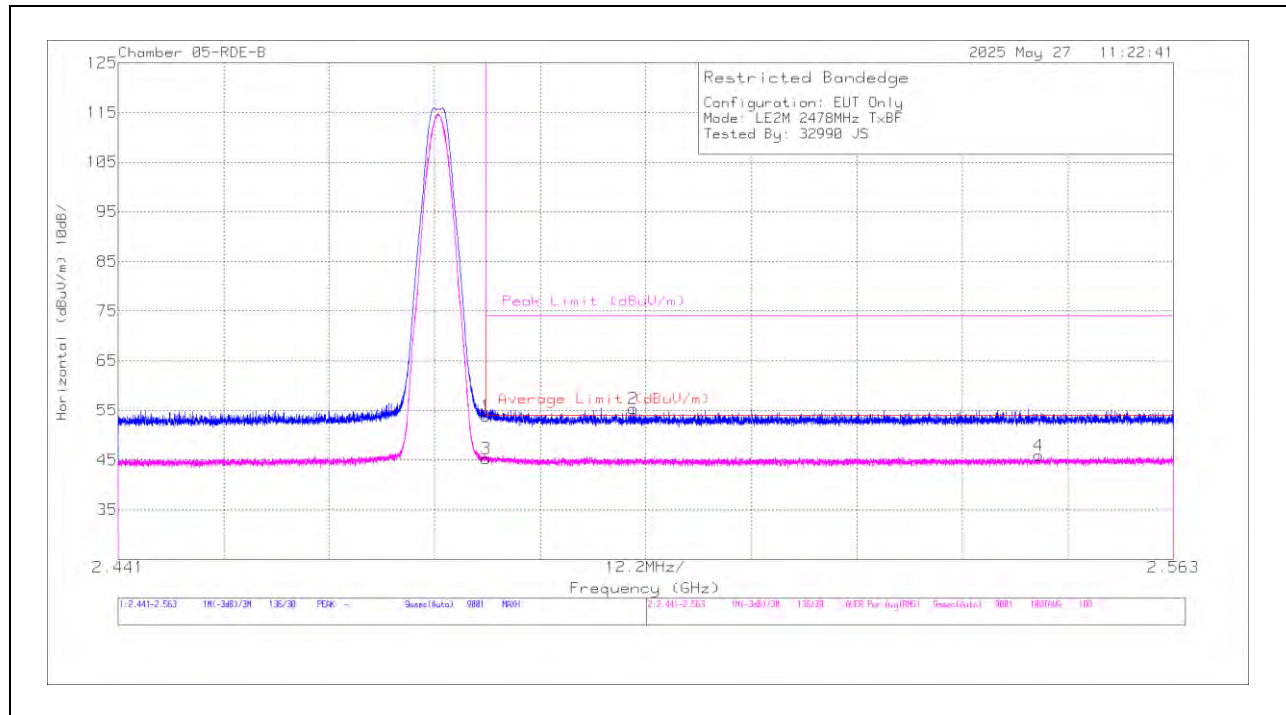


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	*2.329971	51.54	RMS	31.8	2.46	-40.59	45.21	54	-8.79	-	-	147	367	V
2	*2.388384	63.12	Pk	32	0	-40.38	54.74	-	-	74	-19.26	147	367	V
1	*2.39	60.62	Pk	32	0	-40.39	52.23	-	-	74	-21.77	147	367	V
3	*2.39	50.89	RMS	32	2.46	-40.39	44.96	54	-9.04	-	-	147	367	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

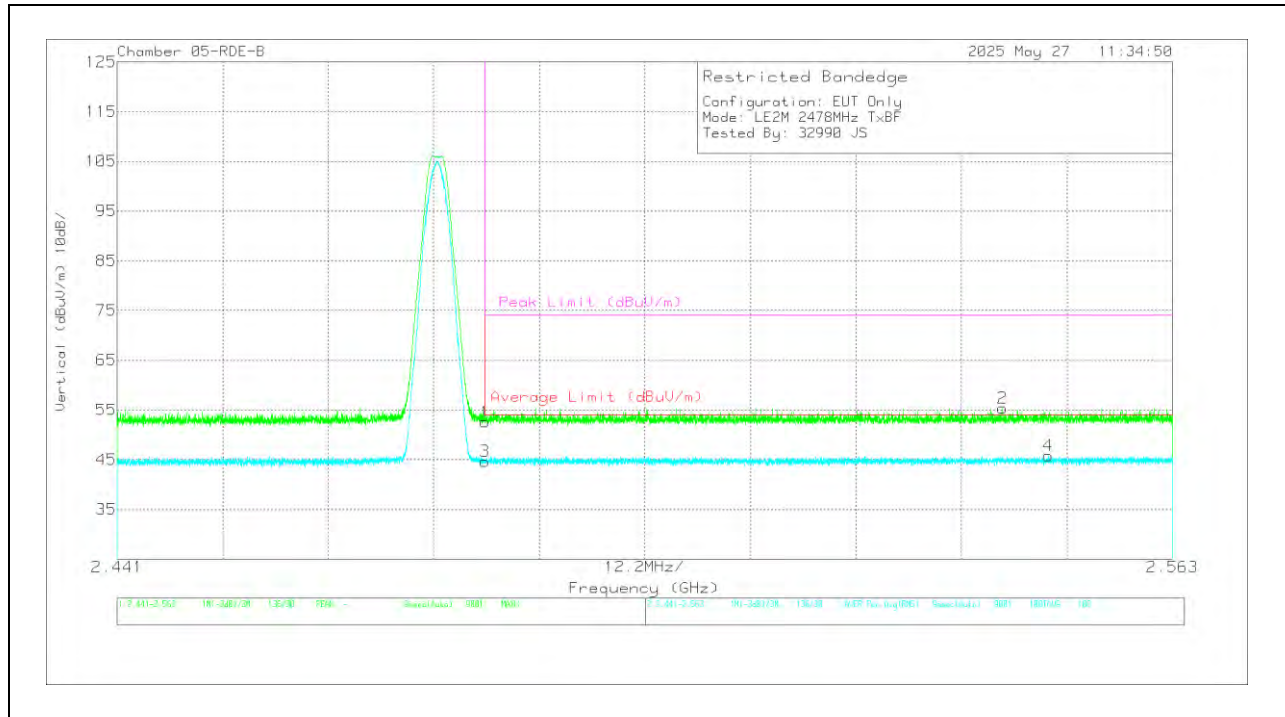
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	62.06	PK	32.2	0	-40.39	53.87	-	-	74	-20.13	95	124	H
3	*2.4835	50.97	RMS	32.2	2.46	-40.39	45.24	54	-8.76	-	-	95	124	H
2	*2.500565	63.46	PK	32.3	0	-40.38	55.38	-	-	74	-18.62	95	124	H
4	*2.547442	51.24	RMS	32.3	2.46	-40.12	45.88	54	-8.12	-	-	95	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 (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	*2.4835	60.74	Pk	32.2	0	-40.39	52.55	-	-	74	-21.45	257	379	V
3	*2.4835	50.4	RMS	32.2	2.46	-40.39	44.67	54	-9.33	-	-	257	379	V
2	*2.543361	63.2	Pk	32.3	0	-40.15	55.35	-	-	74	-18.65	257	379	V
4	*2.548675	51.15	RMS	32.3	2.46	-40.12	45.79	54	-8.21	-	-	257	379	V

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

PK - Peak detector

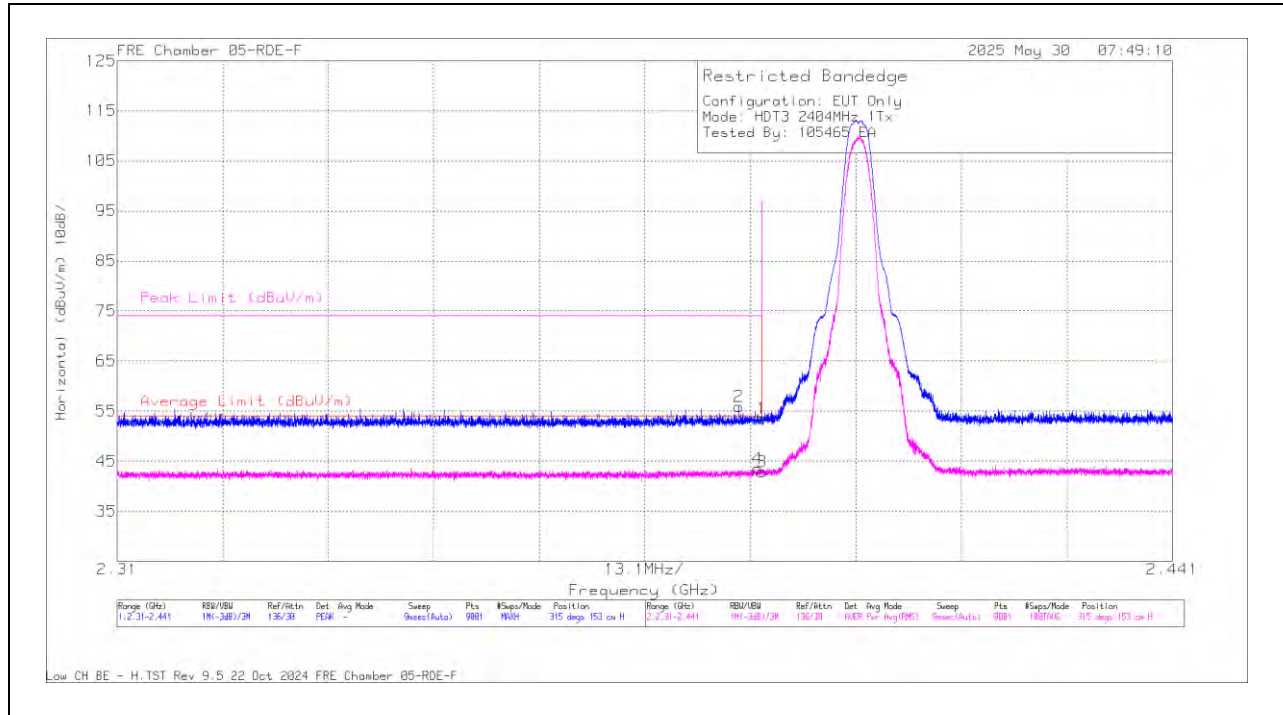
RMS - RMS detection

10.2.7. HIGH POWER BLE (HDT3)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



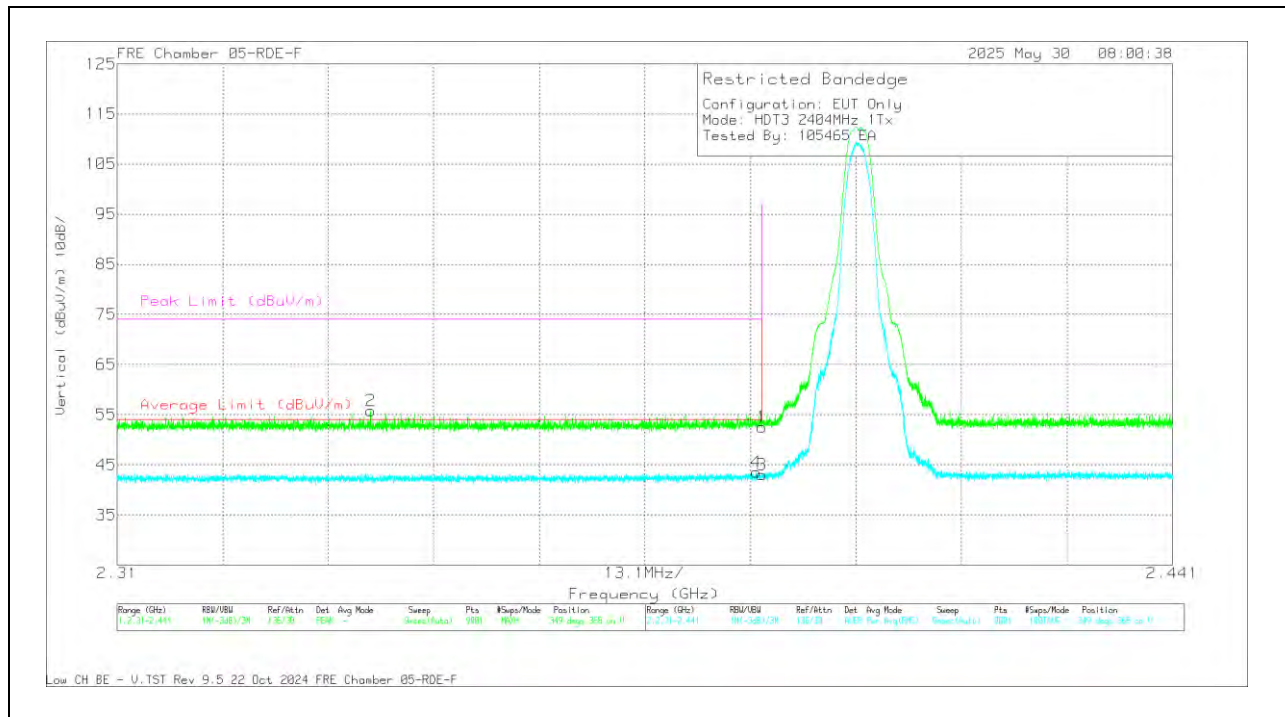
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	61.81	Pk	32.3	0	-40.54	53.57	-	-	74	-20.43	315	153	H
2	*2.387147	64.17	Pk	32.3	0	-40.58	55.89	-	-	74	-18.11	315	153	H
3	*2.39	50.89	RMS	32.3	.22	-40.54	42.87	54	-11.15	-	-	315	153	H
4	*2.389519	51.57	RMS	32.3	.22	-40.54	43.55	54	-10.47	-	-	315	153	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

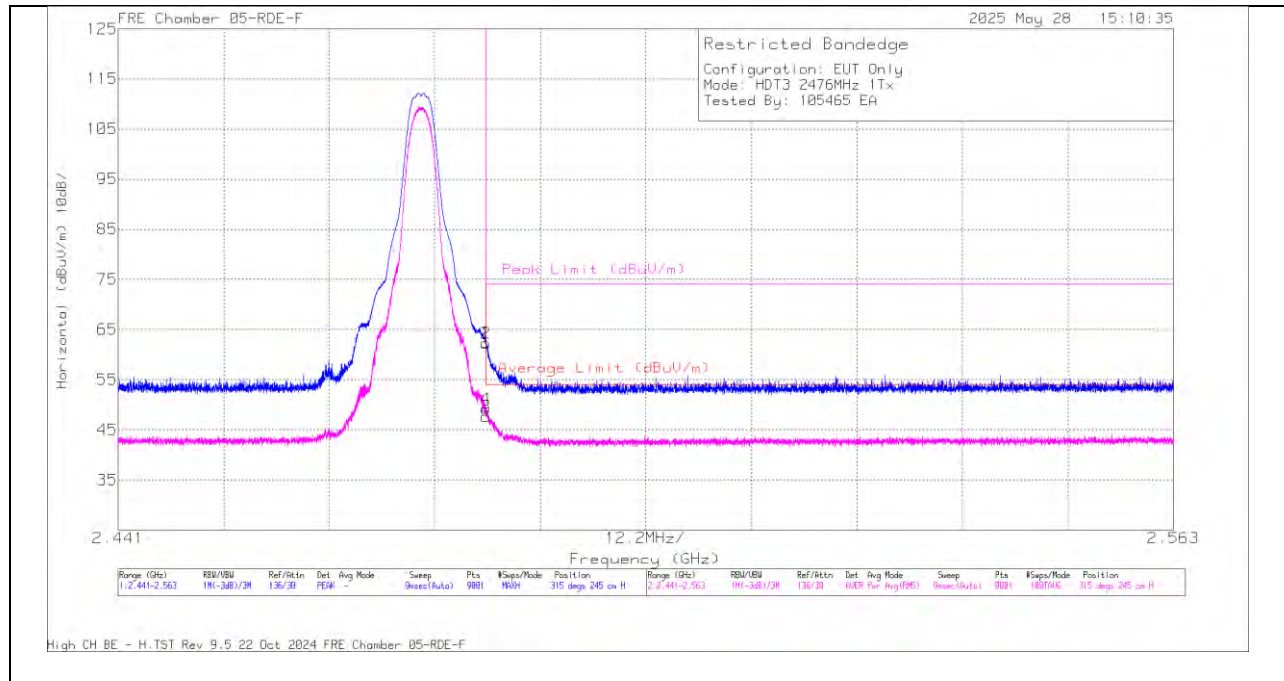


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.82	PK	32.3	0	-40.54	52.58	-	-	74	-21.42	349	368	V
2	*2.341456	64.21	PK	32.1	0	-40.53	55.78	-	-	74	-18.22	349	368	V
3	*2.39	51.02	RMS	32.3	.22	-40.54	43.02	54	-12.01	-	-	349	368	V
4	*2.389345	51.54	RMS	32.3	.22	-40.55	43.53	54	-10.51	-	-	349	368	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

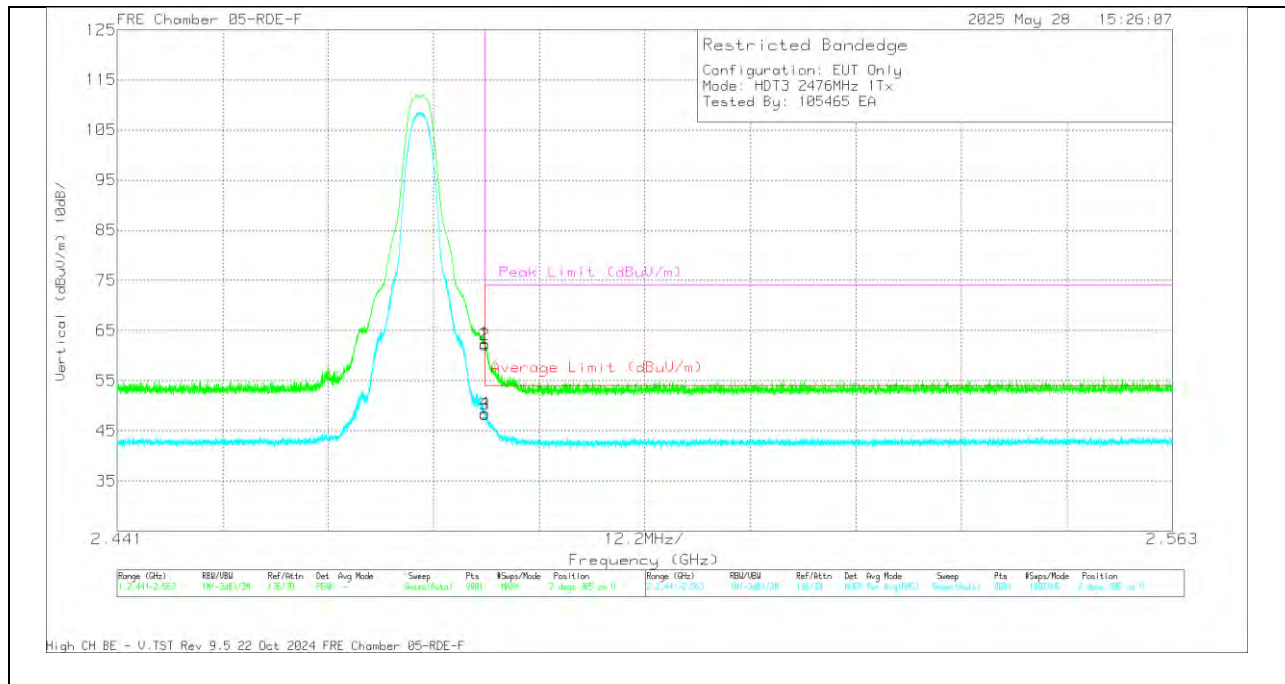
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	70.5	Pk	32.2	0	-40.44	62.26	-	-	74	-11.74	315	245	H
2	*2.483525	70.59	Pk	32.2	0	-40.44	62.35	-	-	74	-11.65	315	245	H
3	*2.4835	55.66	RMS	32.2	.22	-40.44	47.66	54	-6.38	-	-	315	245	H
4	*2.483525	57.23	RMS	32.2	.22	-40.44	49.23	54	-4.81	-	-	315	245	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

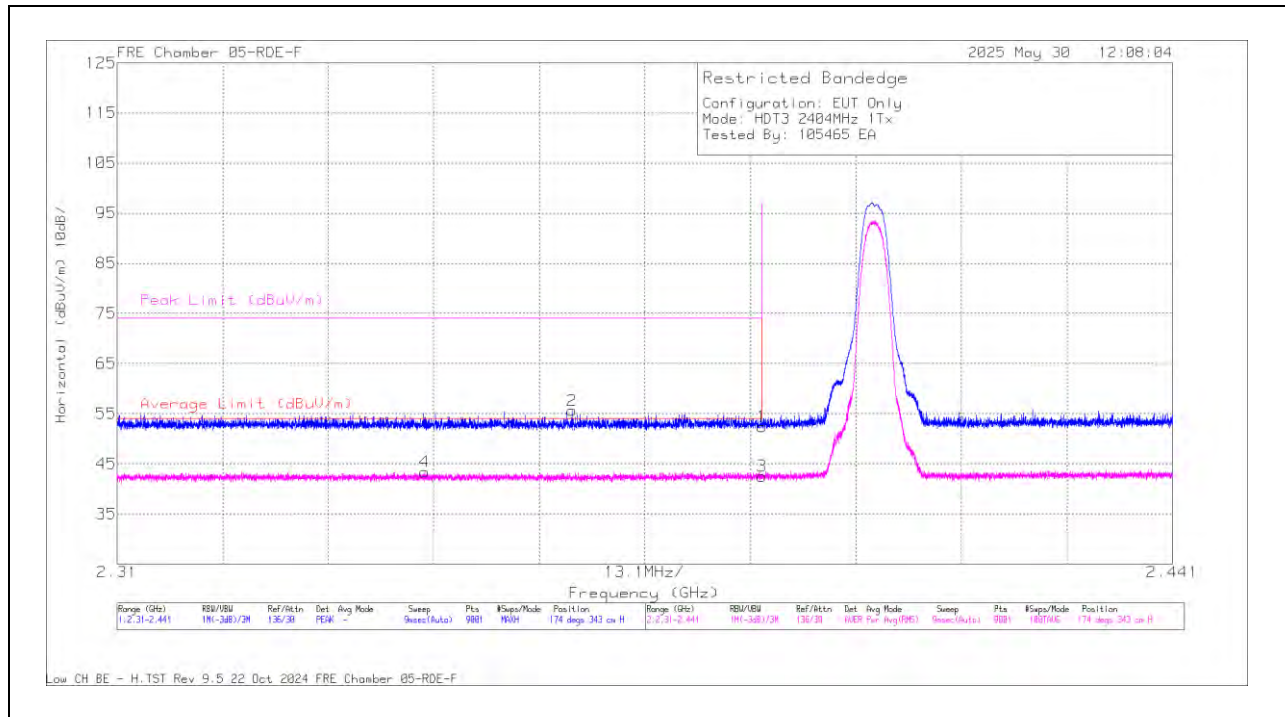


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	70.65	Pk	32.2	0	-40.44	62.41	-	-	74	-11.59	2	385	V
2	*2.483512	70.44	Pk	32.2	0	-40.44	62.2	-	-	74	-11.8	2	385	V
3	*2.4835	56.24	RMS	32.2	.22	-40.44	48.24	54	-5.80	-	-	2	385	V
4	*2.483512	56.57	RMS	32.2	.22	-40.44	48.57	54	-5.47	-	-	2	385	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	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.61	Pk	32.3	0	-40.54	52.37	-	-	74	-21.63	174	343	H
2	*2.366477	63.94	Pk	32.2	0	-40.54	55.6	-	-	74	-18.4	174	343	H
3	*2.39	50.51	RMS	32.3	.22	-40.54	42.51	54	-11.53	-	-	174	343	H
4	*2.348151	51.57	RMS	32.2	.22	-40.55	43.46	54	-10.58	-	-	174	343	H

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

Pk - Peak detector
RMS - RMS detection

Vertical (dBuV/m) 10dB/

125
115
105
95
85
75
65
55
45
35
25

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

2.31 2.441

13.1MHz/

Frequency (GHz)

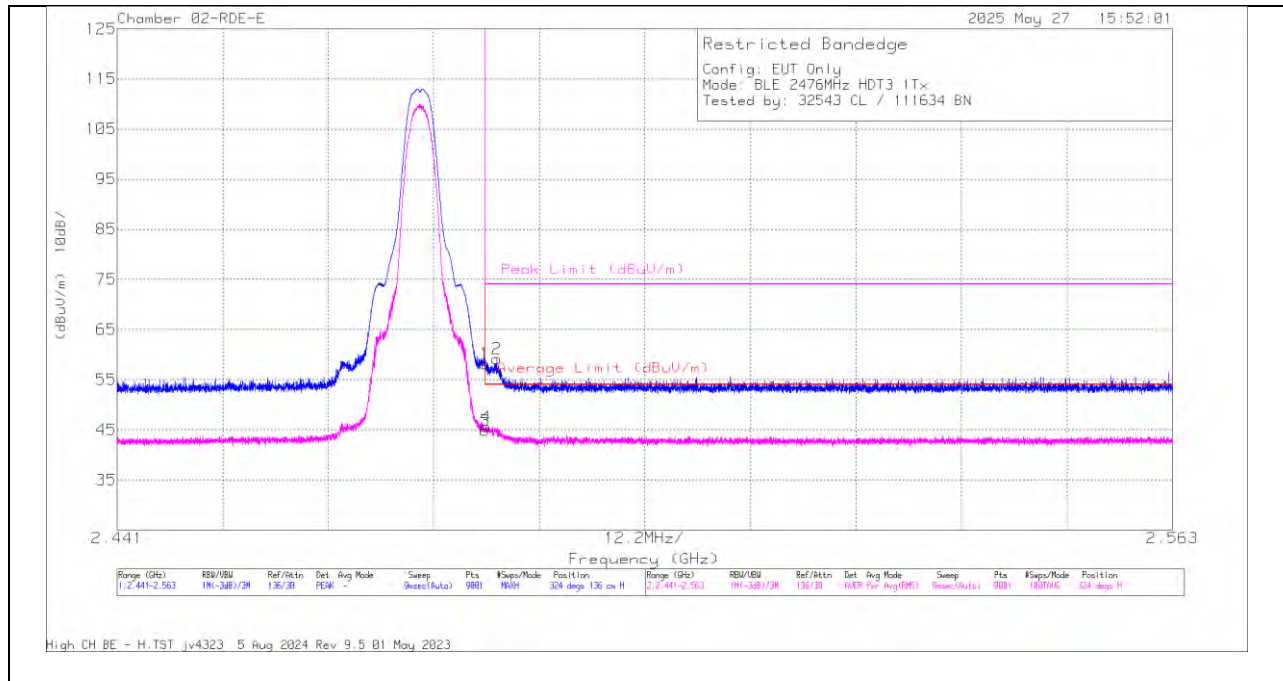
Restricted Bandedge
Configuration: EUT Only
Mode: HDT3 2404MHz ITx
Tested By: 105465 EA

Range (GHz)	RBW/VBW	Ref/Bktn	Det	Avg Mode	Sweep	Pts	#Samps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Bktn	Det	Avg Mode	Sweep	Pts	#Samps/Mode	Position
2.31-2.441	100-340/20	1.0/30	PEAK	-	Sweep (Auto)	9001	1000	210 steps 362 us (1)	2.31-2.441	100-340/20	1.0/30	PEAK	Per Avg (OFF)	Sweep (Auto)	9001	1000	210 steps 362 us (1)

Low CH BE - U.TST Rev 9.5 22 Oct 2024 FRE Chamber 05-RDE-F

Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	61.21	Pk	32.3	0	-40.54	52.97	-	-	74	-21.03	316	362	V
2	*2.374731	64.54	Pk	32.2	0	-40.54	56.2	-	-	74	-17.8	316	362	V
3	*2.39	51.04	RMS	32.3	.22	-40.54	43.04	54	-11.00	-	-	316	362	V
4	*2.34361	51.44	RMS	32.2	.22	-40.5	43.38	54	-10.66	-	-	316	362	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

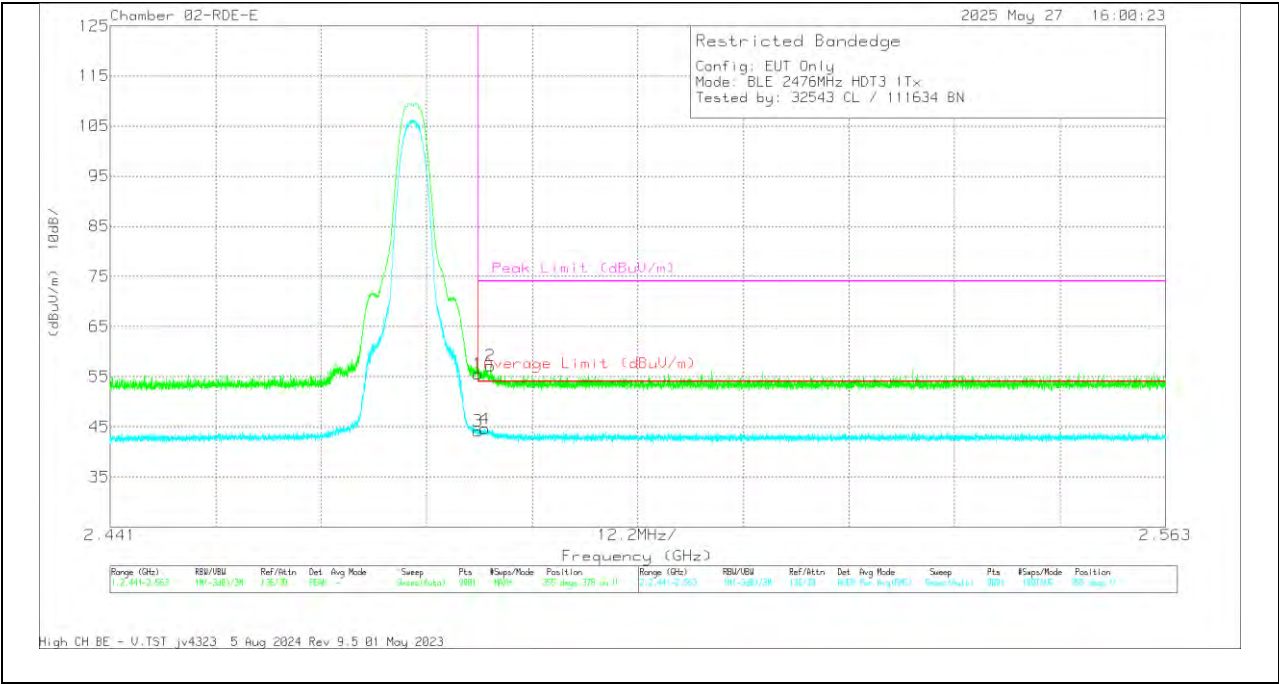
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	65.22	Pk	32.5	0	-39.58	58.14	-	-	74	-15.86	324	136	H
2	*2.484867	66.23	Pk	32.5	0	-39.57	59.16	-	-	74	-14.84	324	136	H
3	*2.4835	51.7	RMS	32.5	.22	-39.58	44.86	54	-9.18	-	-	324	136	H
4	*2.483634	52.45	RMS	32.5	.22	-39.58	45.61	54	-8.43	-	-	324	136	H

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

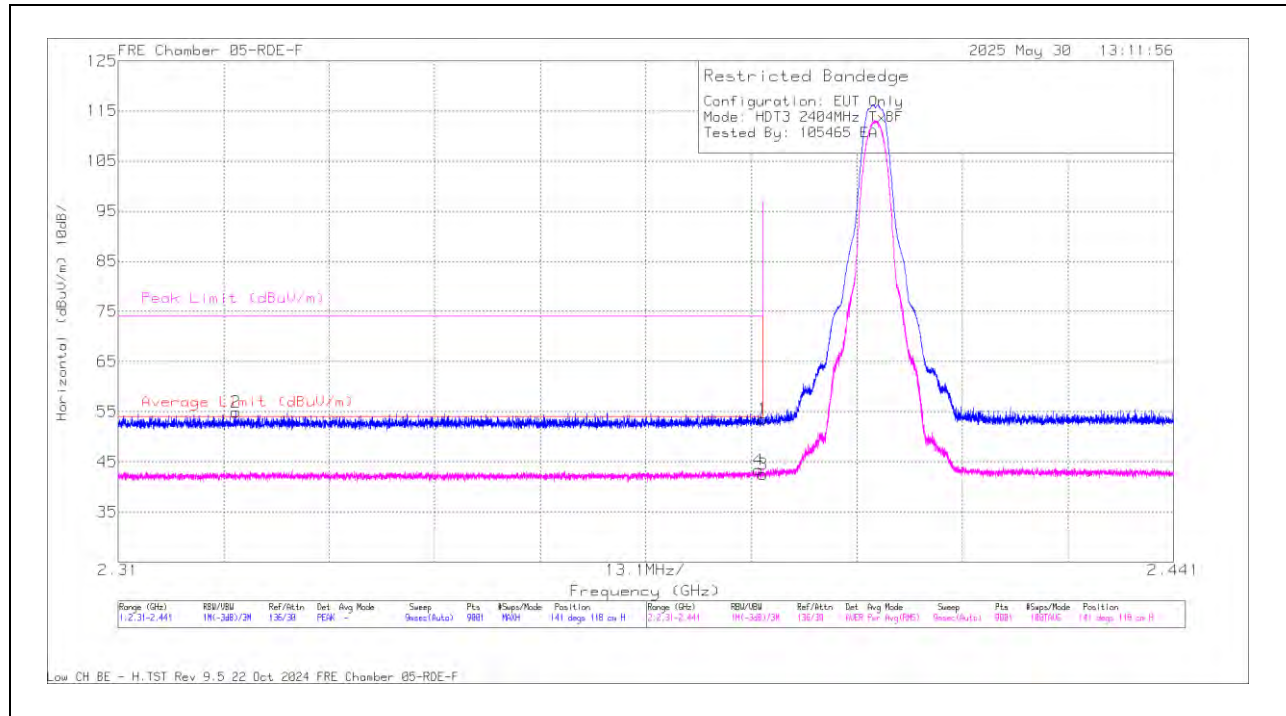
Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



* - 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**

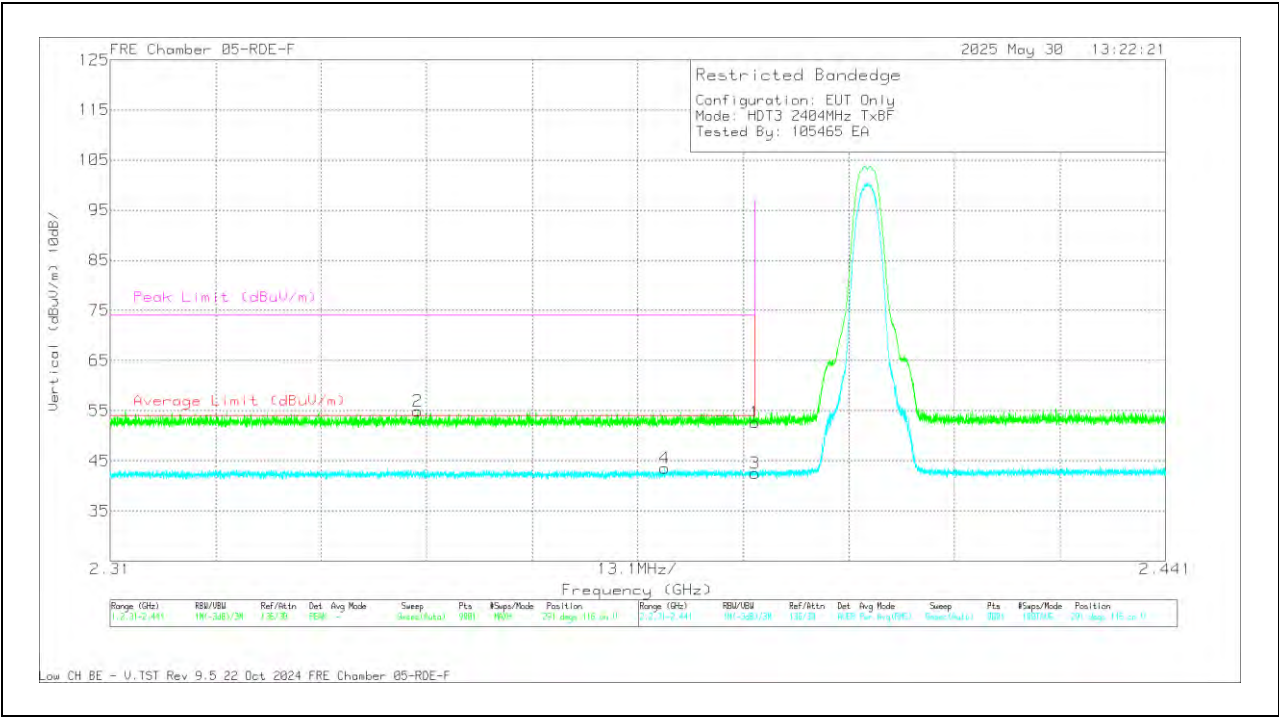
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	61.78	Pk	32.3	0	-40.54	53.54	-	-	74	-20.46	141	118	H
2	*2.324629	63.28	Pk	32.1	0	-40.51	54.87	-	-	74	-19.13	141	118	H
3	*2.39	50.55	RMS	32.3	.22	-40.54	42.55	54	-11.49	-	-	141	118	H
4	*2.389476	51.37	RMS	32.3	.22	-40.55	43.36	54	-10.68	-	-	141	118	H

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

Pk - Peak detector

RMS - RMS detection

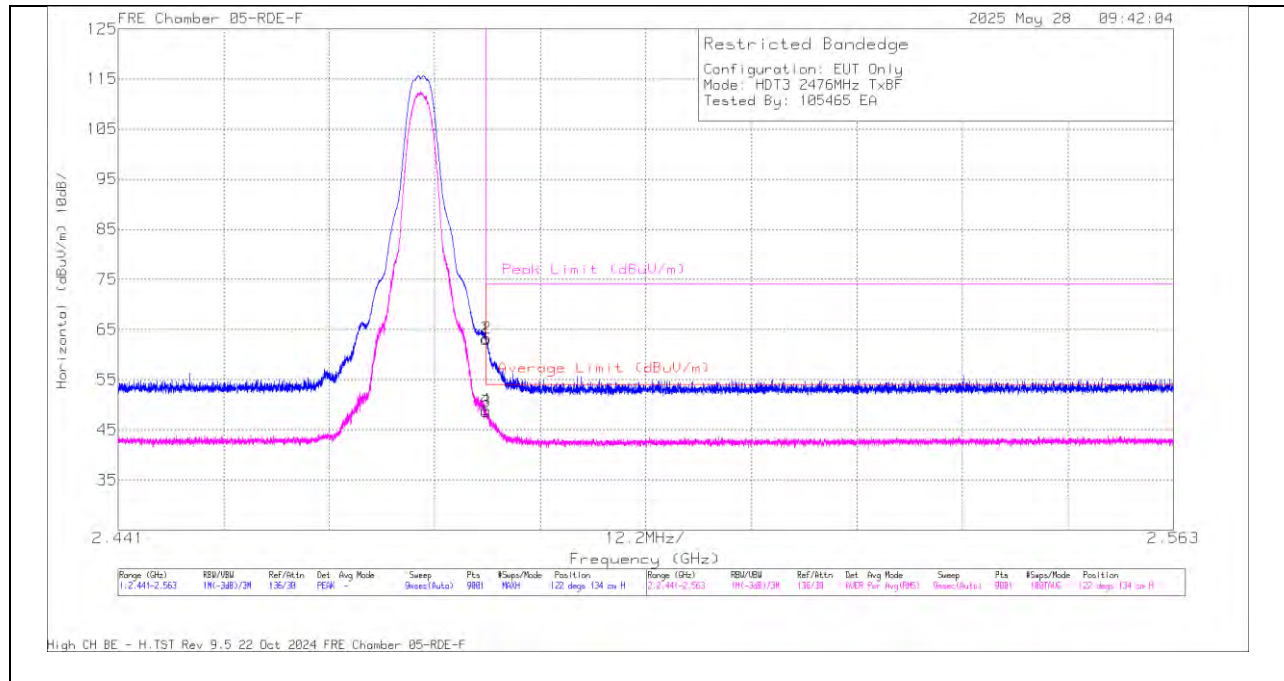
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.85	Pk	32.3	0	-40.54	52.61	-	-	74	-21.39	291	116	V
2	*2.348151	63.28	Pk	32.2	0	-40.55	54.93	-	-	74	-19.07	291	116	V
3	*2.39	50.54	RMS	32.3	.22	-40.54	42.54	54	-11.50	-	-	291	116	V
4	*2.378806	51.61	RMS	32.2	.22	-40.54	43.51	54	-10.53	-	-	291	116	V

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

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

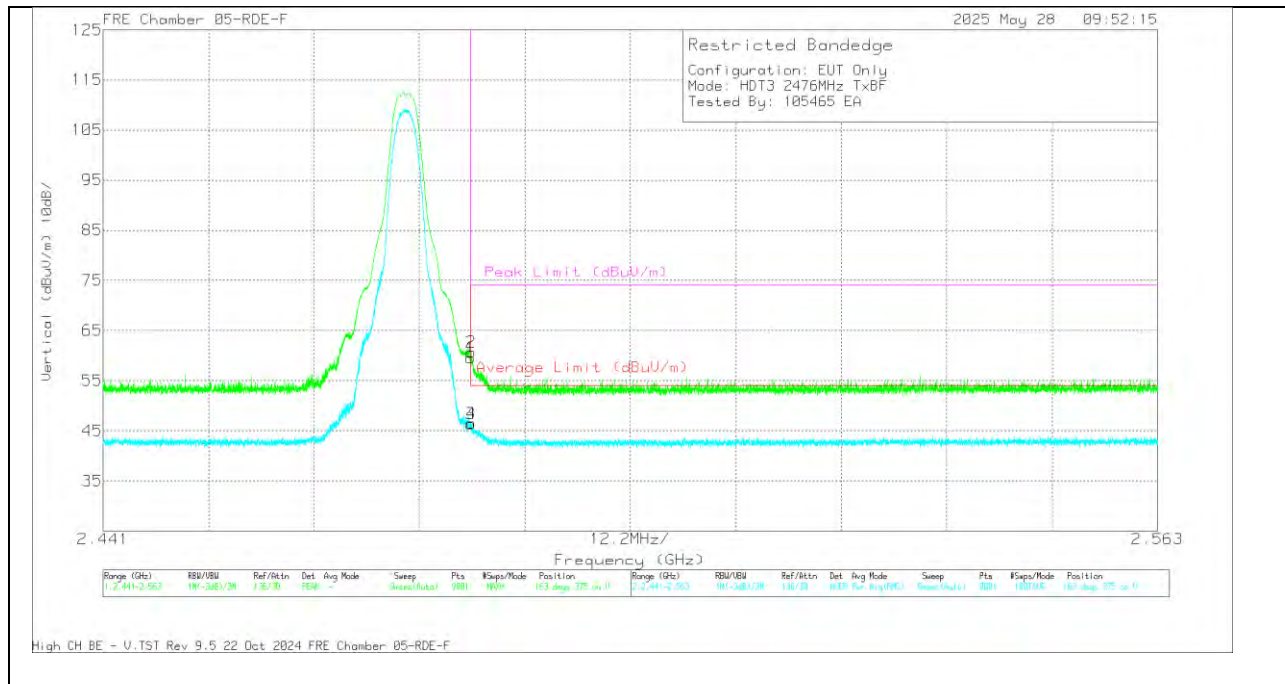
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	71.27	PK	32.2	0	-40.44	63.03	-	-	74	-10.97	122	134	H
2	*2.483579	71.53	PK	32.2	0	-40.44	63.29	-	-	74	-10.71	122	134	H
3	*2.4835	56.68	RMS	32.2	.22	-40.44	48.68	54	-5.36	-	-	122	134	H
4	*2.483512	57.09	RMS	32.2	.22	-40.44	49.09	54	-4.95	-	-	122	134	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	230299 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	67.83	Pk	32.2	0	-40.44	59.59	-	-	74	-14.41	163	375	V
2	*2.483566	68.88	Pk	32.2	0	-40.44	60.64	-	-	74	-13.36	163	375	V
3	*2.4835	54.39	RMS	32.2	.22	-40.44	46.39	54	-7.65	-	-	163	375	V
4	*2.48362	54.48	RMS	32.2	.22	-40.44	46.48	54	-7.56	-	-	163	375	V

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

Pk - Peak detector

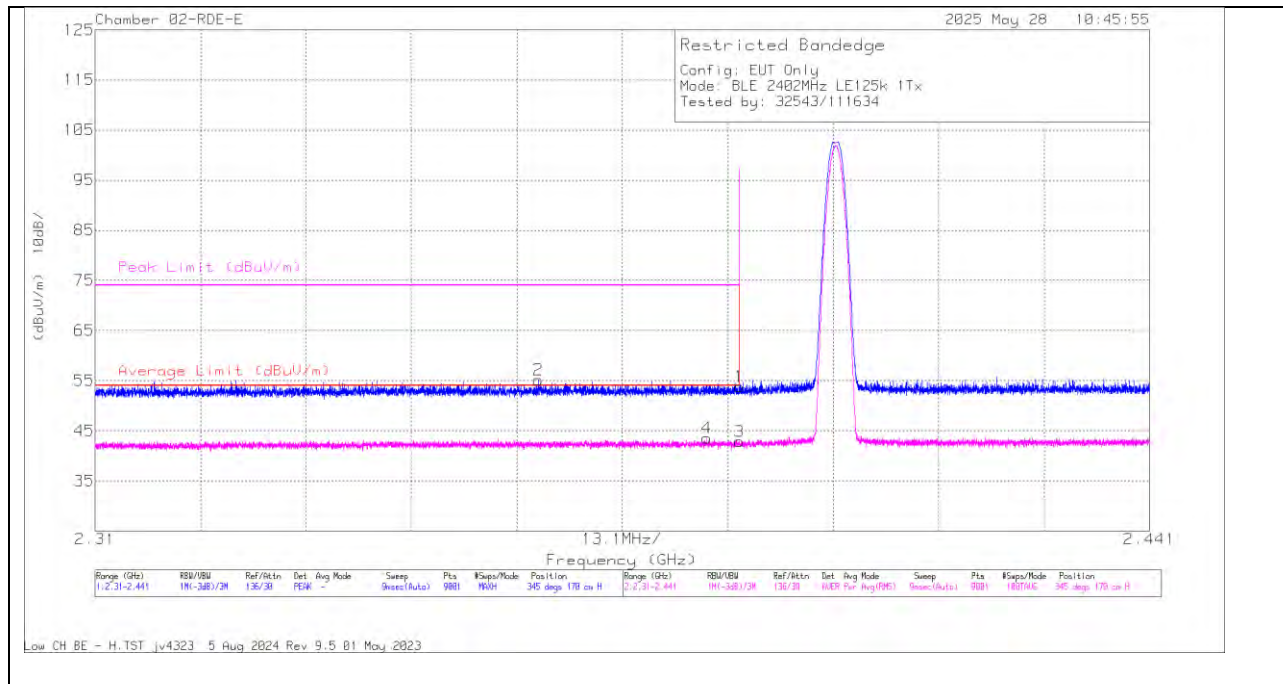
RMS - RMS detection

10.2.9. LOW POWER BLE (125kbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.35	PK	32.1	0	-39.7	53.75	-	-	74	-20.25	345	170	H
2	* 2.36508	62.82	PK	32	0	-39.7	55.12	-	-	74	-18.88	345	170	H
3	* 2.39	50.33	RMS	32.1	.11	-39.7	42.84	54	-11.16	-	-	345	170	H
4	* 2.385982	50.97	RMS	32.1	.11	-39.71	43.47	54	-10.53	-	-	345	170	H

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

PK - Peak detector

RMS - RMS detection

Chamber 02-RDE-E

2025 May 28 10:55:43

Restricted Bandedge

Config: EUT Only
Mode: BLE 2402MHz LE125k 1Tx
Tested by: 32543/111634

Peak Limit (dBm/100Hz)

Average Limit (dBm/100Hz)

13.1MHz

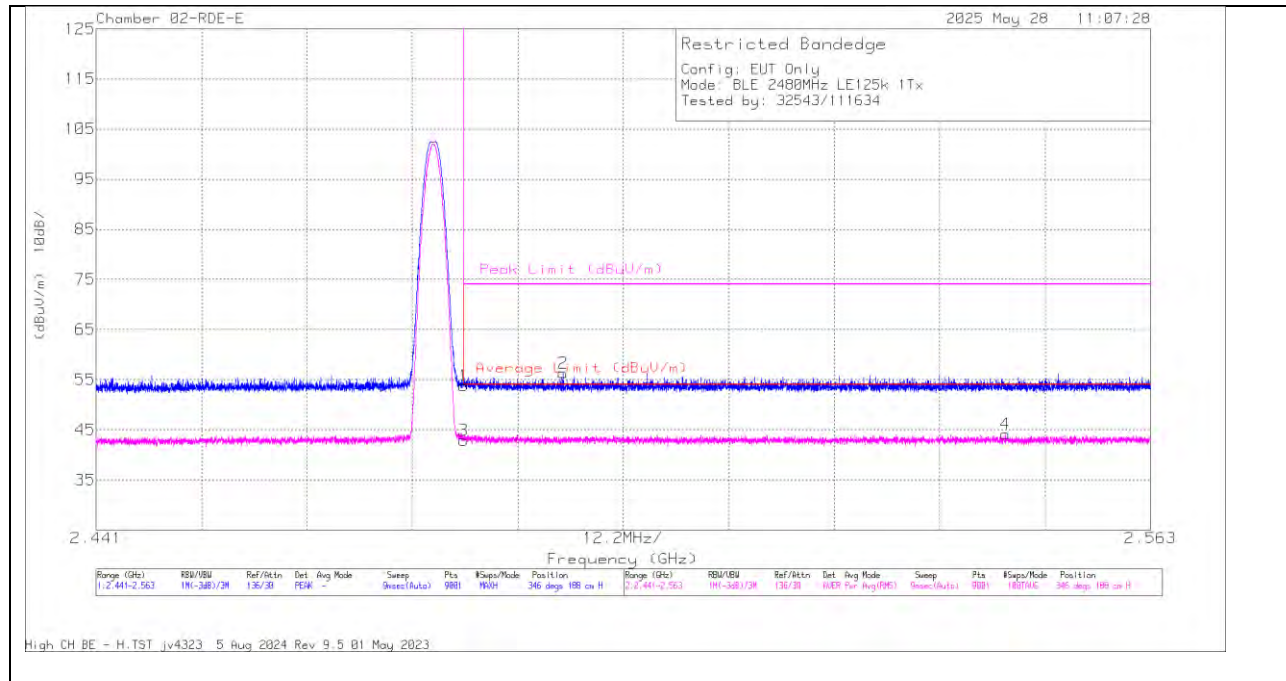
Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Attn	Det	Avg Mode	Sweep	Pls	#Seps/Mode	Position
1.231-2.441	1M-3dB/2M	1.85/30	PEAK	-	Sweep (Normal)	9001	100M	15 steps 300 us 11

Low CH BE - V.TST jv4323 5 Aug 2024 Rev 9.5 01 May 2023

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCC (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	60.41	Pk	32.1	0	-39.7	52.81	-	-	74	-21.19	16	349	V
2	* 2.375924	63.47	Pk	32.1	0	-39.71	55.86	-	-	74	-18.14	16	349	V
3	* 2.39	50.17	RMS	32.1	.11	-39.7	42.68	54	-11.32	-	-	16	349	V
4	* 2.342838	51.17	RMS	31.9	.11	-39.71	43.47	54	-10.53	-	-	16	349	V

Pk - Peak detector
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT****Trace Markers**

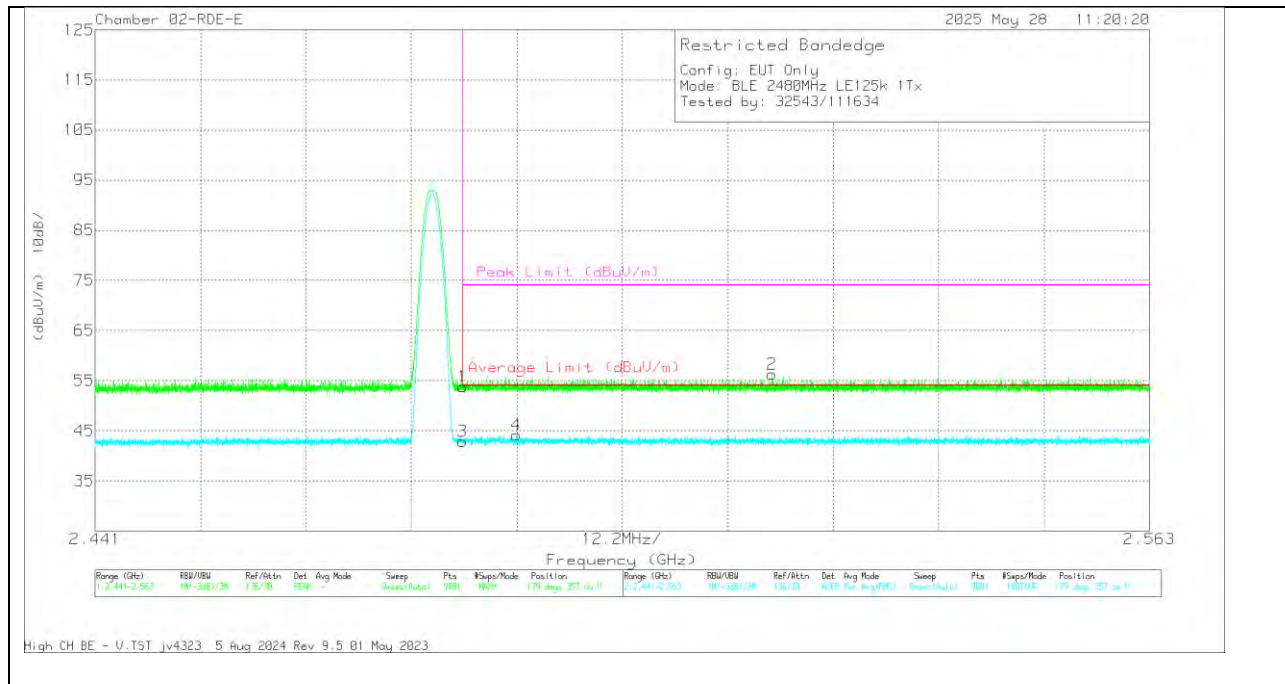
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.87	Pk	32.5	0	-39.58	53.79	-	-	74	-20.21	346	188	H
2	* 2.495007	63.39	Pk	32.5	0	-39.55	56.34	-	-	74	-17.66	346	188	H
3	* 2.4835	49.84	RMS	32.5	.11	-39.58	42.87	54	-11.13	-	-	346	188	H
4	2.546222	51	RMS	32.5	.11	-39.49	44.12	54	-9.88	-	-	346	188	H

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

Pk - Peak detector

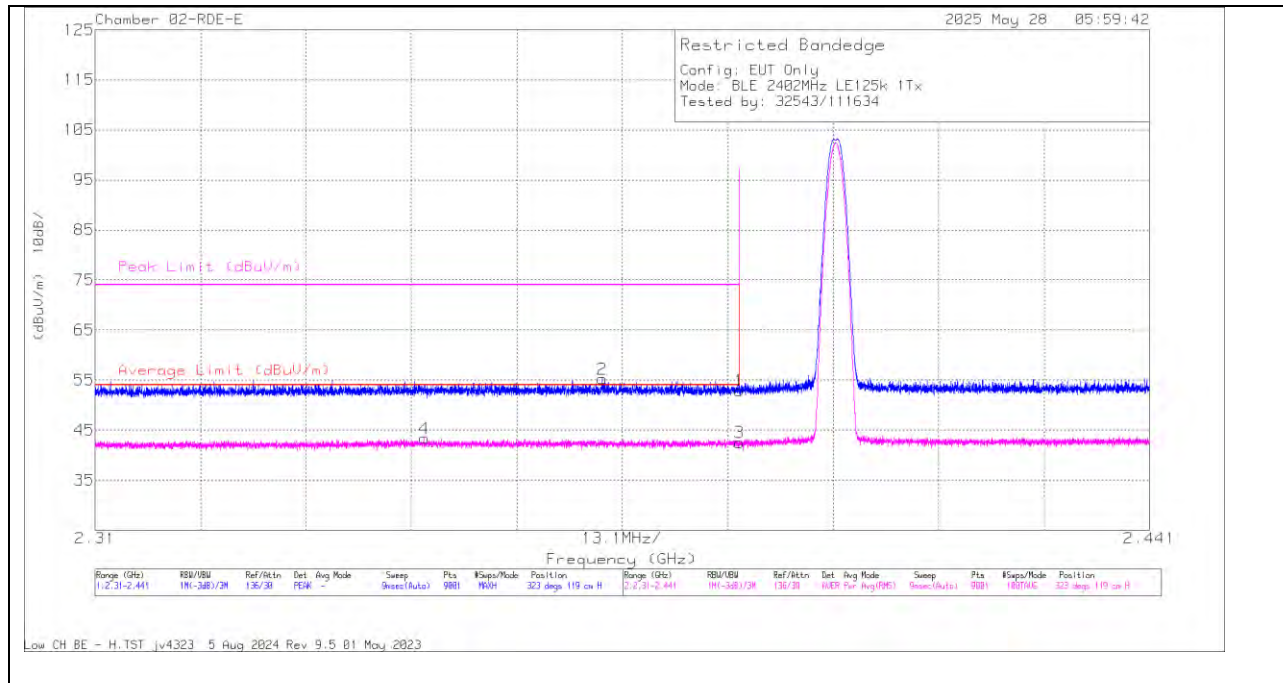
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (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	60.89	Pk	32.5	0	-39.58	53.81	-	-	74	-20.19	179	357	V
3	*2.4835	49.91	RMS	32.5	.11	-39.58	42.94	54	-11.06	-	-	179	357	V
4	*2.489774	51.11	RMS	32.5	.11	-39.57	44.15	54	-9.85	-	-	179	357	V
2	*2.519327	63.25	Pk	32.5	0	-39.5	56.25	-	-	74	-17.75	179	357	V

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

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

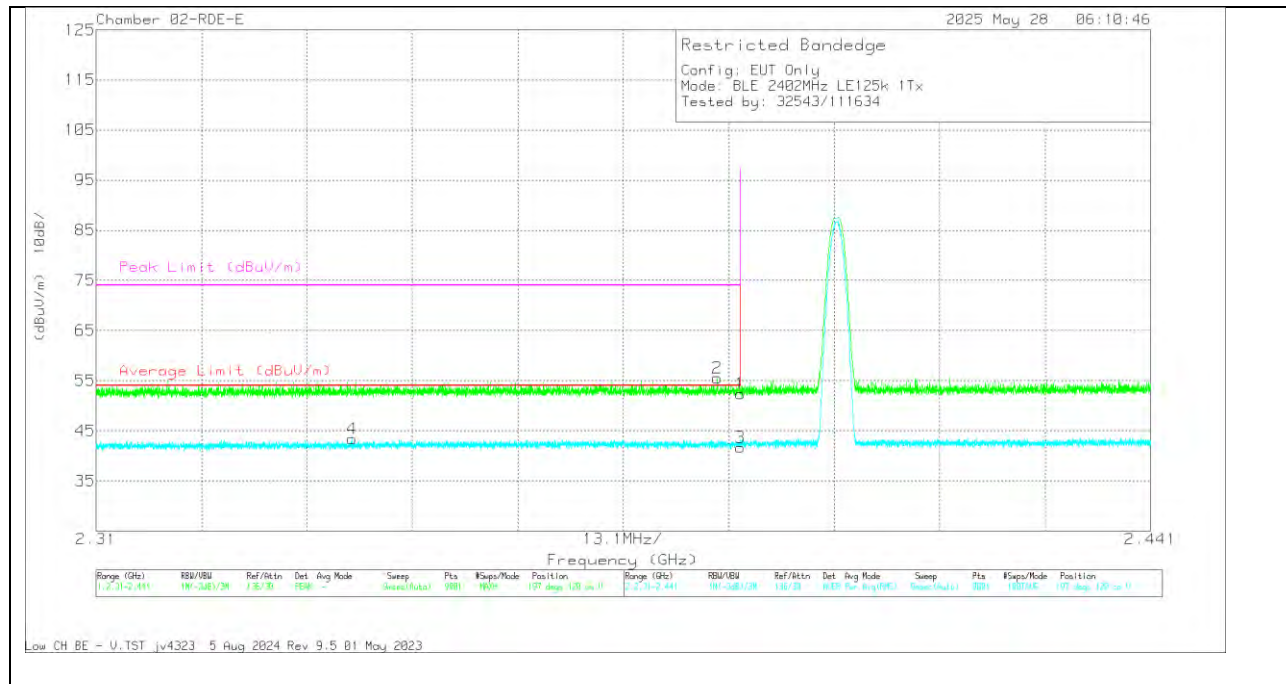
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.52	Pk	32.1	0	-39.7	52.92	-	-	74	-21.08	323	119	H
2	* 2.373027	62.84	Pk	32.1	0	-39.72	55.22	-	-	74	-18.78	323	119	H
3	* 2.39	50.04	RMS	32.1	.11	-39.7	42.55	54	-11.45	-	-	323	119	H
4	* 2.350902	50.9	RMS	32	.11	-39.68	43.33	54	-10.67	-	-	323	119	H

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

Pk - Peak detector

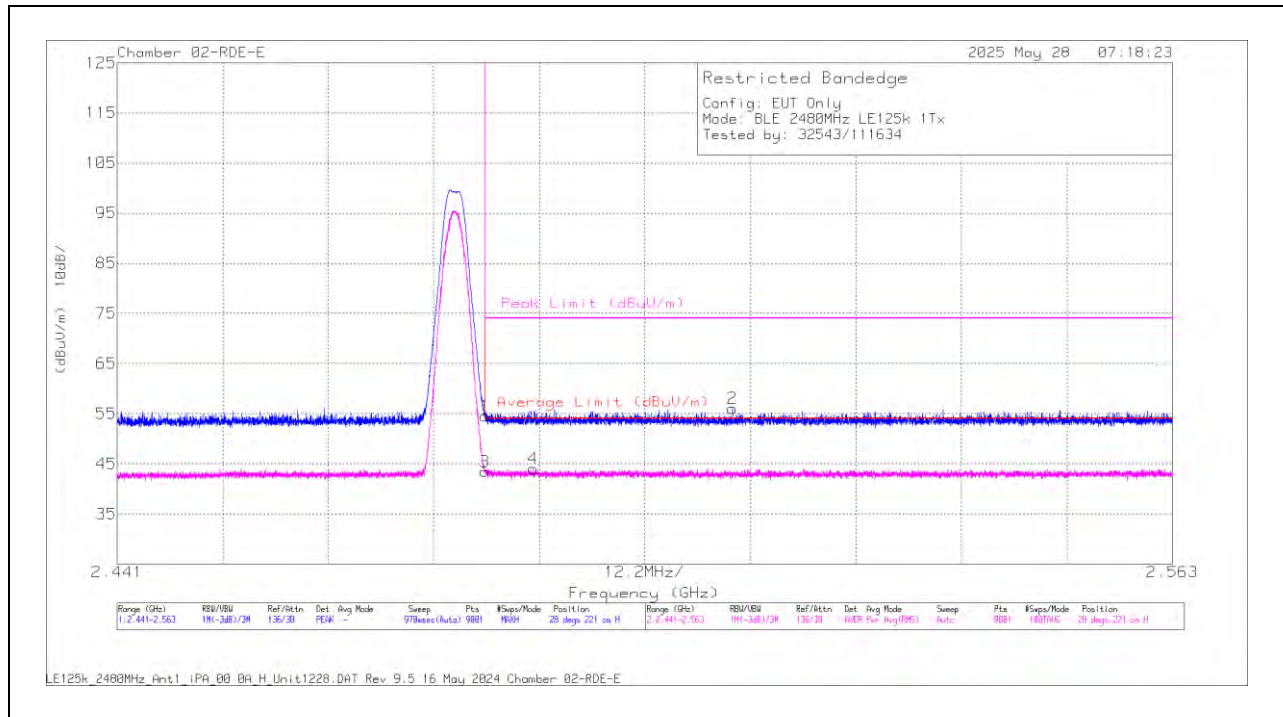
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.02	Pk	32.1	0	-39.7	52.42	-	-	74	-21.58	197	120	V
2	* 2.38719	63.1	Pk	32.1	0	-39.71	55.49	-	-	74	-18.51	197	120	V
3	* 2.39	49.19	RMS	32.1	.11	-39.7	41.7	54	-12.3	-	-	197	120	V
4	* 2.341819	51.06	RMS	31.9	.11	-39.7	43.37	54	-10.63	-	-	197	120	V

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

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

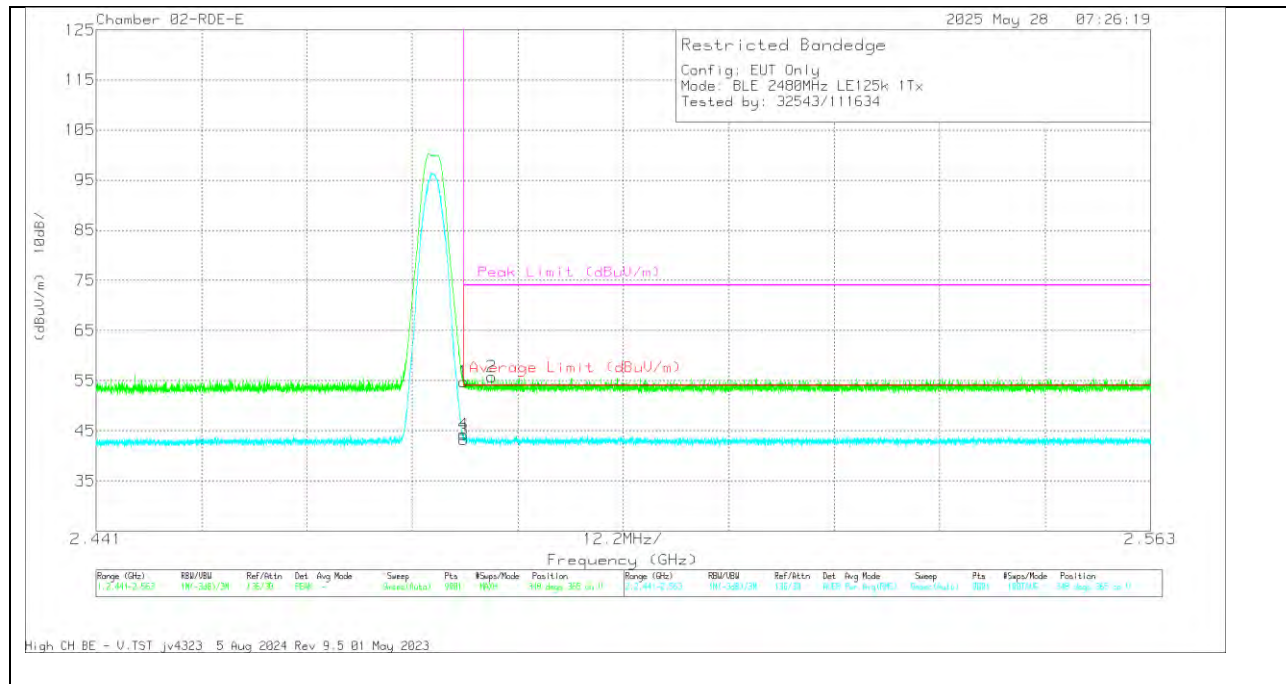
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.64	PK	32.5	0	-39.58	54.56	-	-	74	-19.44	28	221	H
3	* 2.4835	50.42	RMS	32.5	.11	-39.58	43.45	54	-10.55	-	-	28	221	H
4	* 2.489097	50.97	RMS	32.5	.11	-39.57	44.01	54	-9.99	-	-	28	221	H
2	* 2.512155	63.01	PK	32.5	0	-39.5	56.01	-	-	74	-17.99	28	221	H

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

PK - Peak detector

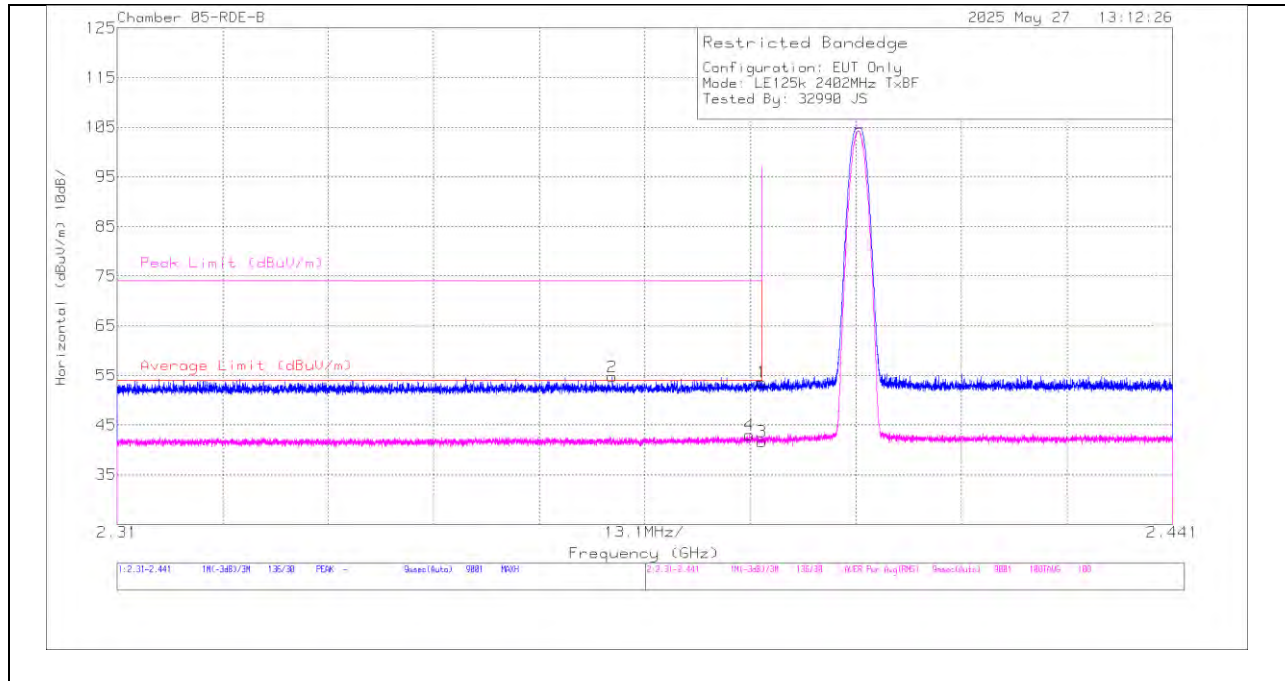
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (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	61.85	Pk	32.5	0	-39.58	54.77	-	-	74	-19.23	348	365	V
2	* 2.486779	62.87	Pk	32.5	0	-39.57	55.8	-	-	74	-18.2	348	365	V
3	* 2.4835	50.21	RMS	32.5	.11	-39.58	43.24	54	-10.76	-	-	348	365	V
4	* 2.483512	51.28	RMS	32.5	.11	-39.58	44.31	54	-9.69	-	-	348	365	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	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	*2.37147	63.35	Pk	31.9	0	-40.56	54.69	-	-	74	-19.31	245	174	H
4	*2.388501	51.23	RMS	32	.11	-40.38	42.96	54	-11.04	-	-	245	174	H
1	*2.39	61.97	Pk	32	0	-40.39	53.58	-	-	74	-20.42	245	174	H
3	*2.39	49.89	RMS	32	.11	-40.39	41.61	54	-12.39	-	-	245	174	H

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

Pk - Peak detector

RMS - RMS detection