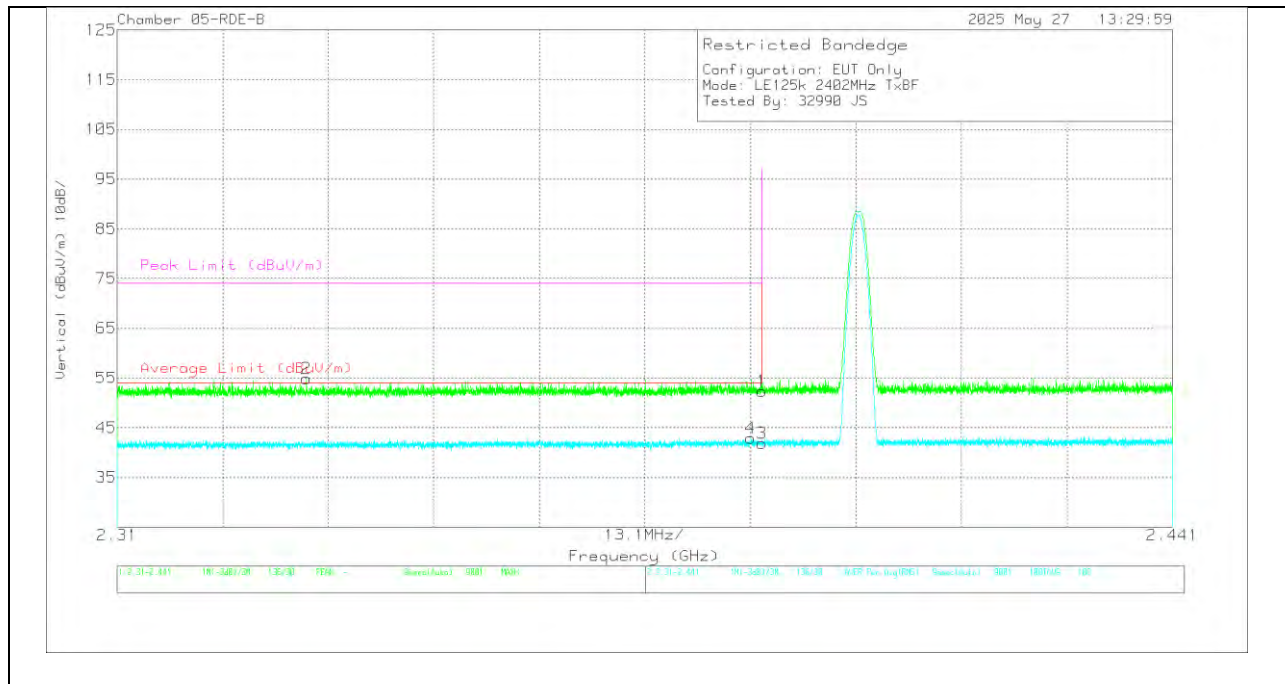


VERTICAL RESULT

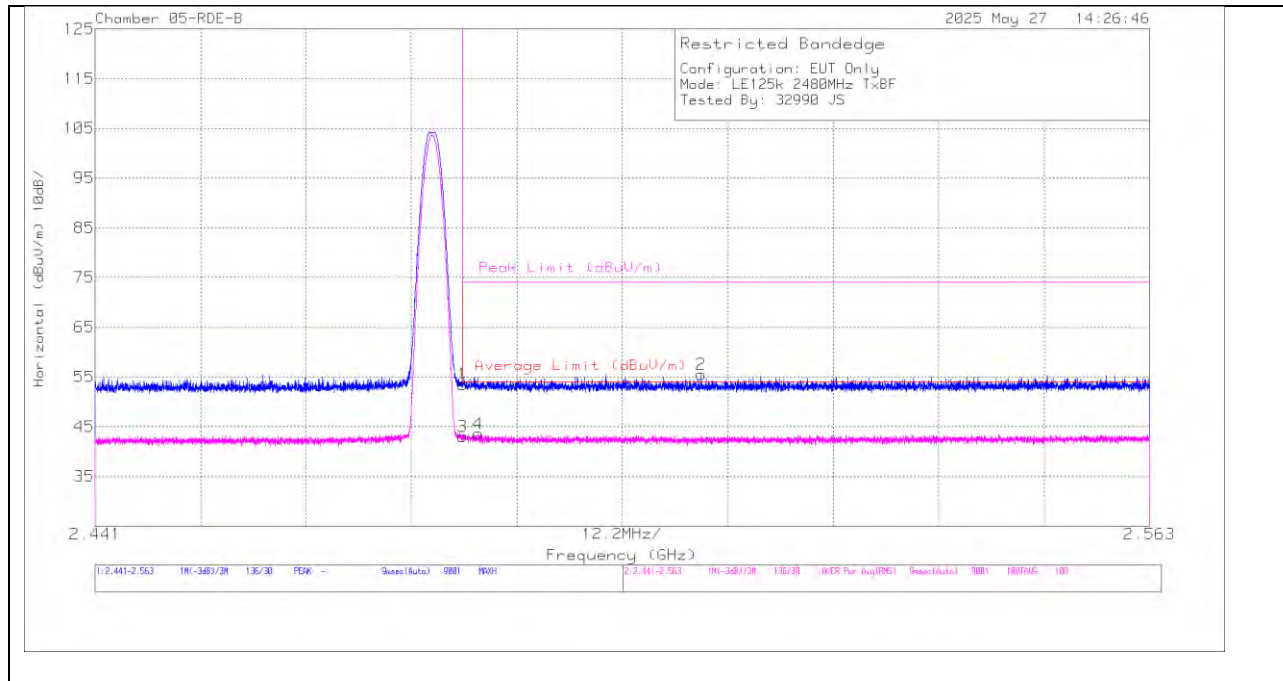


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.333493	63.7	Pk	31.8	0	-40.6	54.9	-	-	74	-19.1	355	150	V
4	*2.388661	51.16	RMS	32	.11	-40.38	42.89	54	-11.11	-	-	355	150	V
1	*2.39	60.78	Pk	32	0	-40.39	52.39	-	-	74	-21.61	355	150	V
3	*2.39	50.13	RMS	32	.11	-40.39	41.85	54	-12.15	-	-	355	150	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

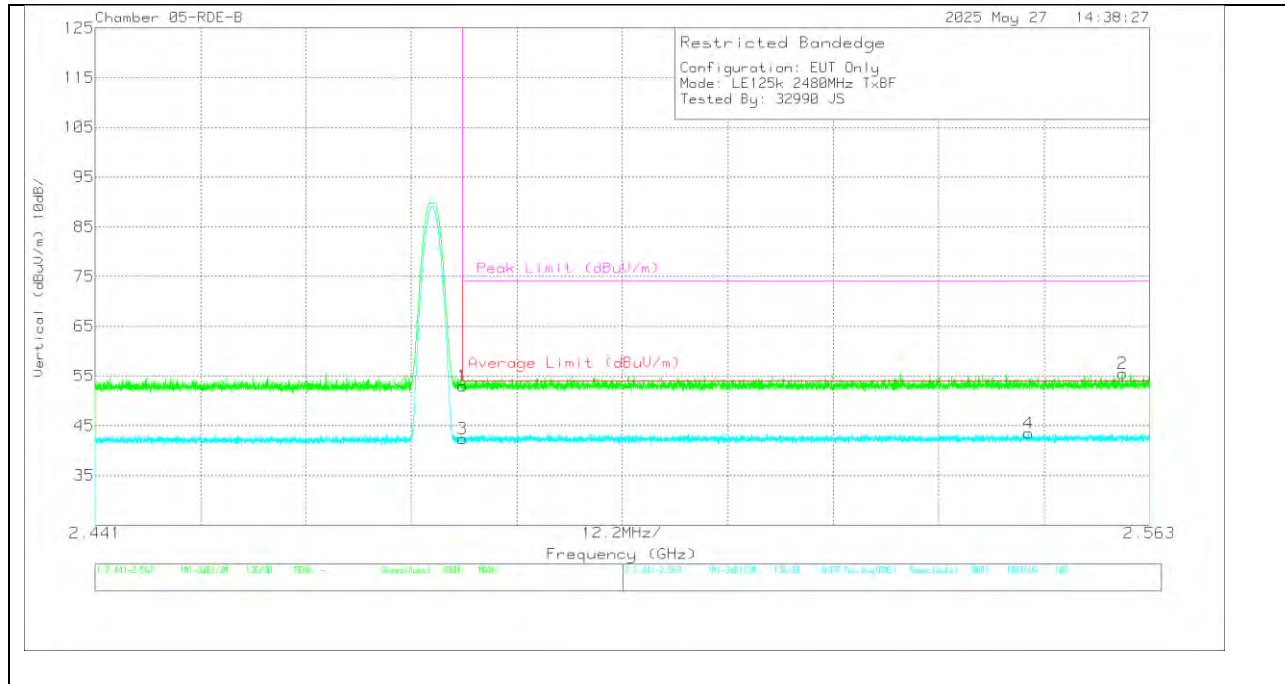
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	61.72	Pk	32.2	0	-40.39	53.53	-	-	74	-20.47	105	102	H
3	*2.4835	51.06	RMS	32.2	.11	-40.39	42.98	54	-11.02	-	-	105	102	H
4	*2.485315	51.54	RMS	32.3	.11	-40.37	43.58	54	-10.42	-	-	105	102	H
2	*2.511112	63.46	Pk	32.3	0	-40.29	55.47	-	-	74	-18.53	105	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)	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	61.13	Pk	32.2	0	-40.39	52.94	-	-	74	-21.06	357	145	V
3	*2.4835	50.48	RMS	32.2	.11	-40.39	42.4	54	-11.6	-	-	357	145	V
4	*2.549028	51.26	RMS	32.3	.11	-40.11	43.56	54	-10.44	-	-	357	145	V
2	*2.559859	63.27	Pk	32.3	0	-40.1	55.47	-	-	74	-18.53	357	145	V

Pk - Peak detector

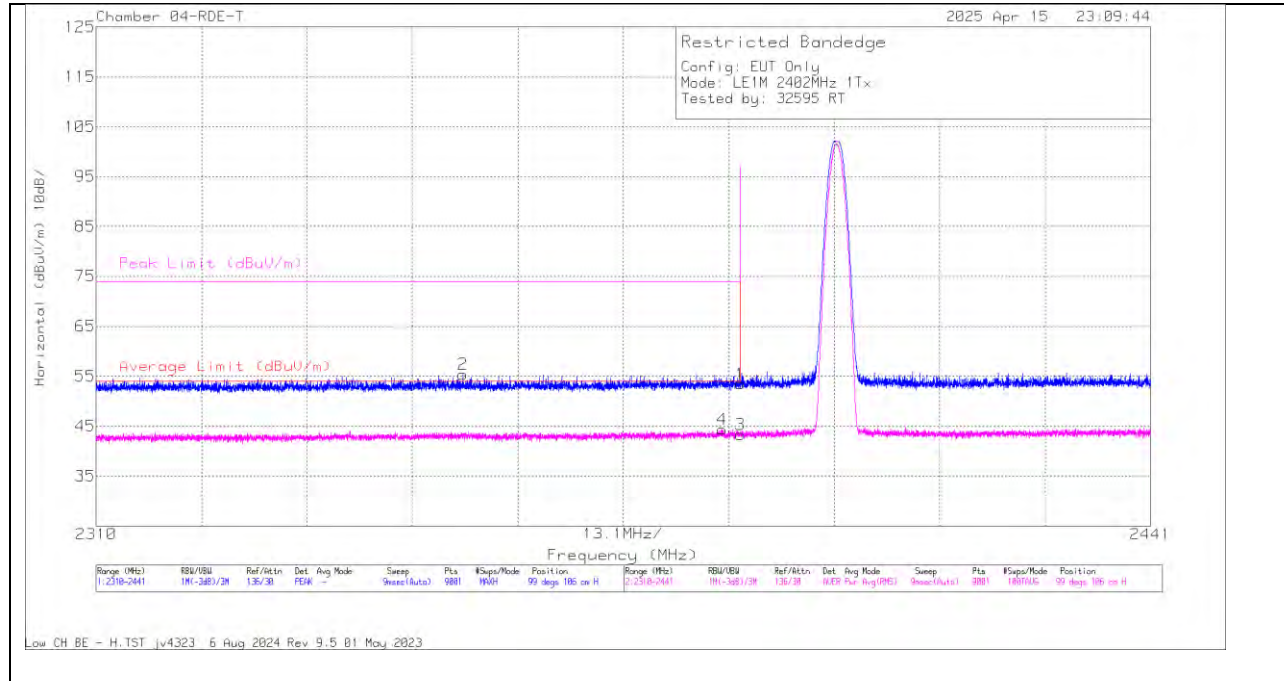
RMS - RMS detection

10.2.11. LOW POWER BLE (1Mbps)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



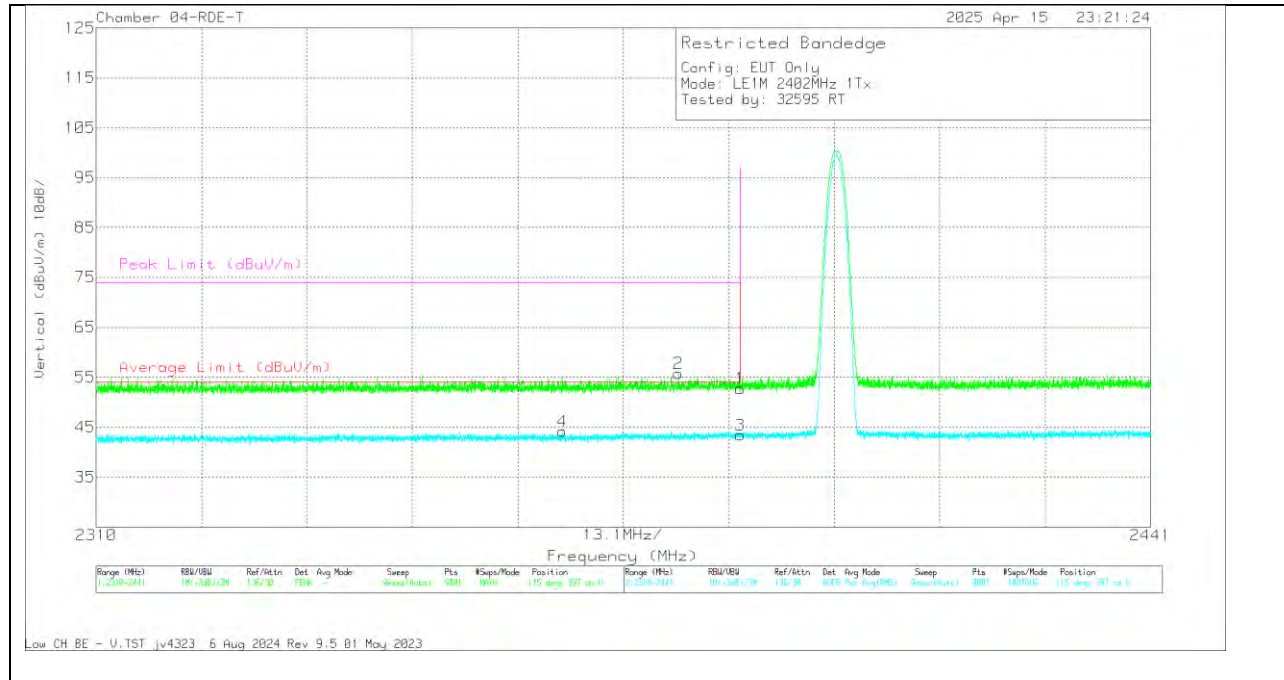
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.26	PK	32	0	-38.81	53.45	-	-	74	-20.55	99	106	H
2	* 2355.56	62.61	PK	31.8	0	-38.98	55.43	-	-	74	-18.57	99	106	H
3	* 2390	49.47	RMS	32	.72	-38.81	43.38	54	-10.62	-	-	99	106	H
4	* 2387.802	50.51	RMS	32	.72	-38.84	44.39	54	-9.61	-	-	99	106	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

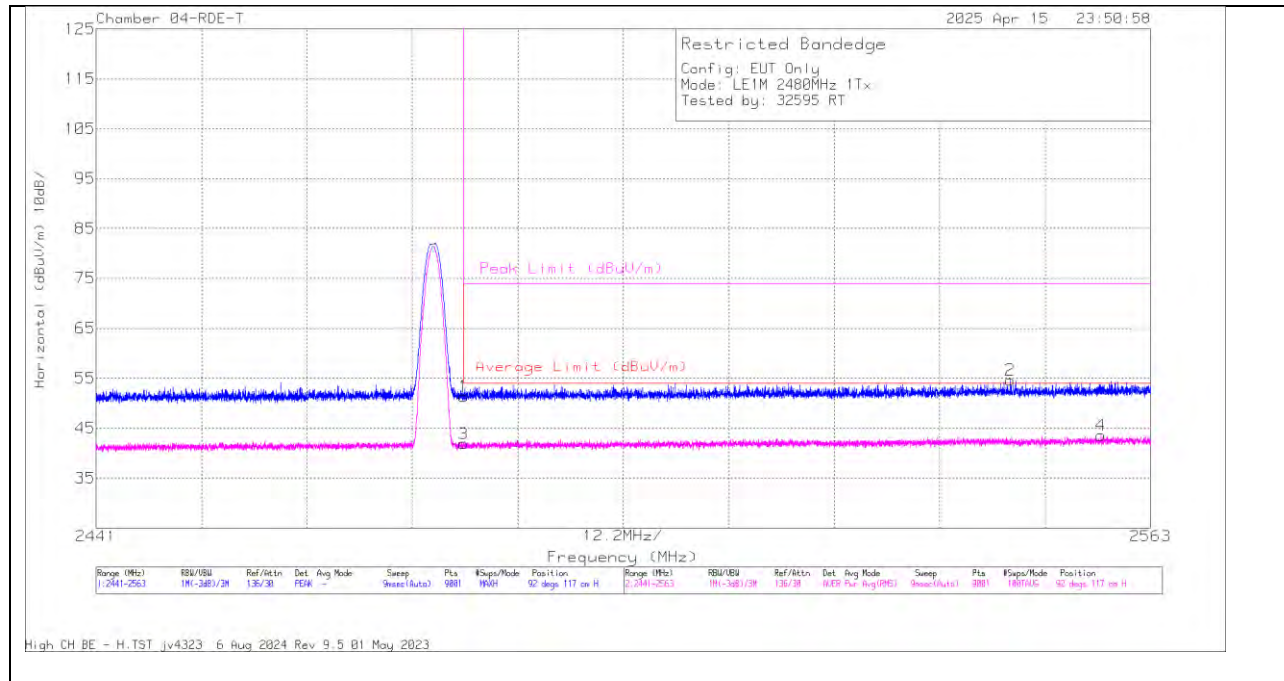


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	78834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.54	PK	32	0	-38.81	52.73	-	-	74	-21.27	115	397	V
2	* 2382.329	62.76	PK	32	0	-39	55.76	-	-	74	-18.24	115	397	V
3	* 2390	49.49	RMS	32	.72	-38.81	43.4	54	-10.6	-	-	115	397	V
4	* 2367.904	50.55	RMS	31.9	.72	-39.02	44.15	54	-9.85	-	-	115	397	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

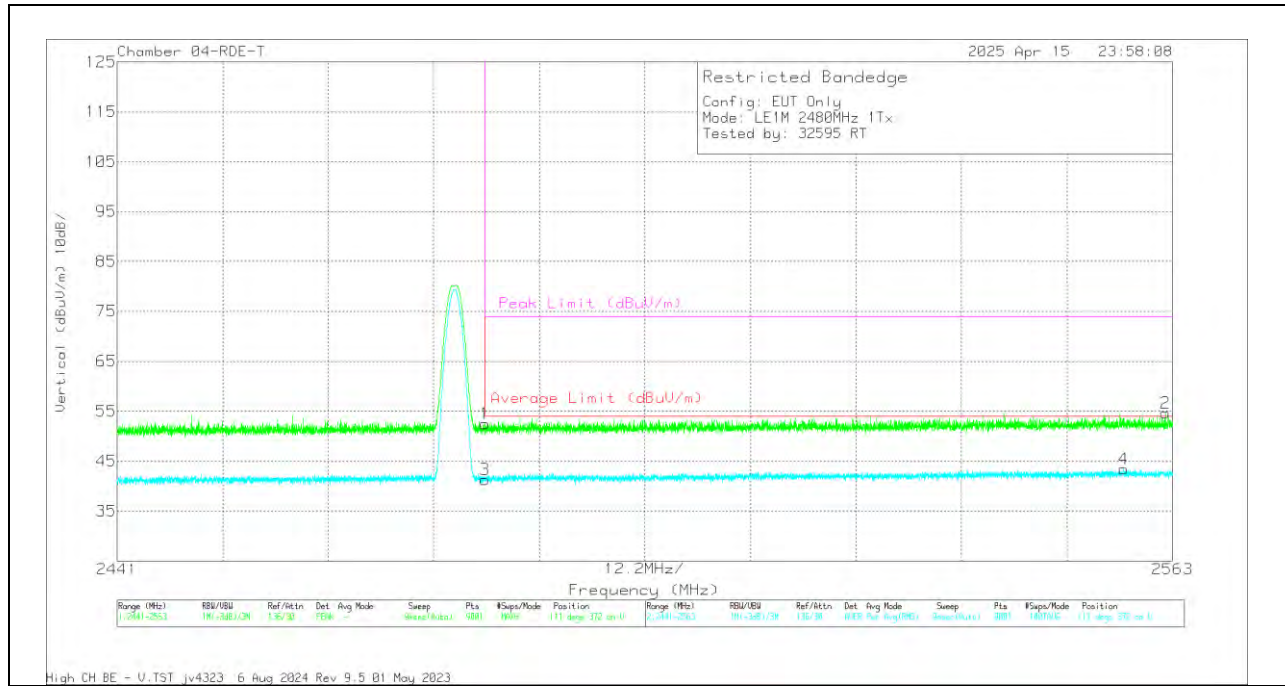
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	7834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	57.91	Pk	32.2	0	-38.74	51.37	-	-	74	-22.63	92	117	H
3	* 2483.5	47.71	RMS	32.2	.72	-38.74	41.89	54	-12.11	-	-	92	117	H
2	2546.791	60.7	Pk	32.4	0	-38.45	54.65	-	-	74	-19.35	92	117	H
4	2557.283	48.69	RMS	32.4	.72	-38.26	43.55	54	-10.45	-	-	92	117	H

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

Pk - Peak detector

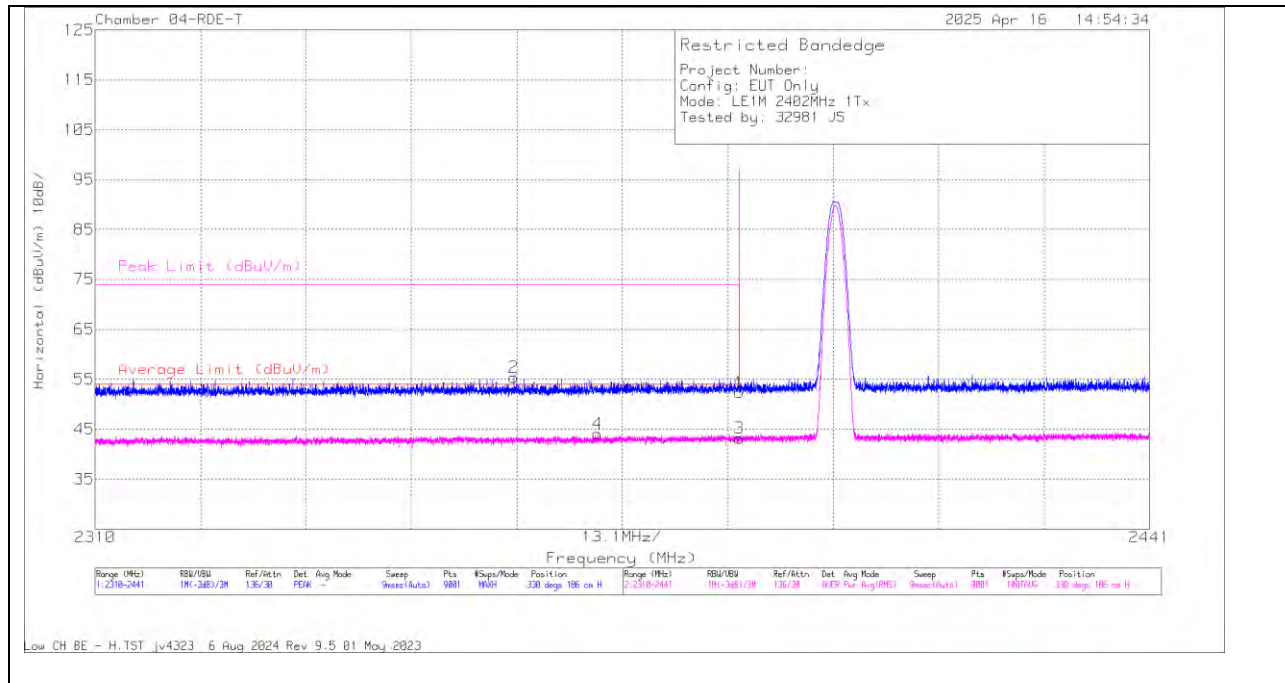
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBu/m)	Det	70034 ACP (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	59	Pk	32.2	0	-38.74	52.46	-	-	74	-21.54	111	372	V
3	* 2483.5	47.11	RMS	32.2	.72	-38.74	41.29	54	-12.71	-	-	111	372	V
4	2557.378	48.55	RMS	32.4	.72	-38.26	43.41	54	-10.59	-	-	111	372	V
2	2562.204	60.53	Pk	32.4	0	-38.32	54.61	-	-	74	-19.39	111	372	V

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

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

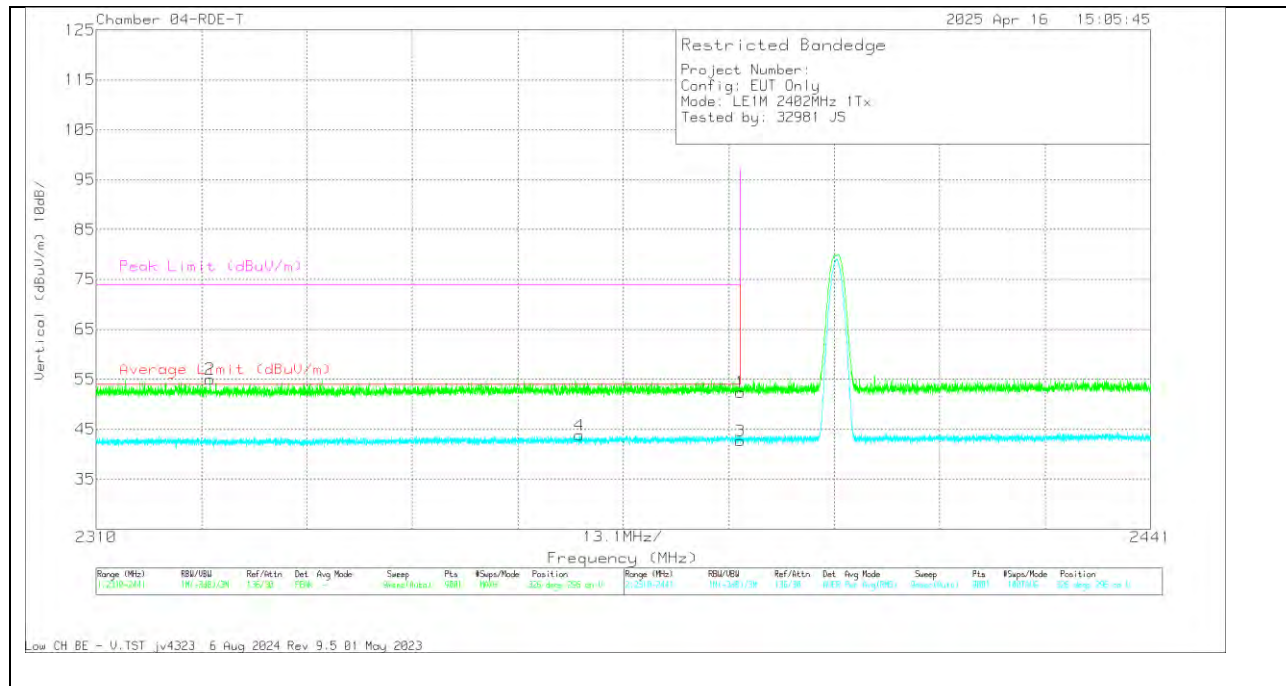
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.19	PK	32	0	-38.81	52.38	-	-	74	-21.62	330	186	H
2	* 2362.009	62.52	PK	31.9	0	-39.02	55.4	-	-	74	-18.6	330	186	H
3	* 2390	49.28	RMS	32	.72	-38.81	43.19	54	-10.81	-	-	330	186	H
4	* 2372.416	50.47	RMS	31.9	.72	-39.01	44.08	54	-9.92	-	-	330	186	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

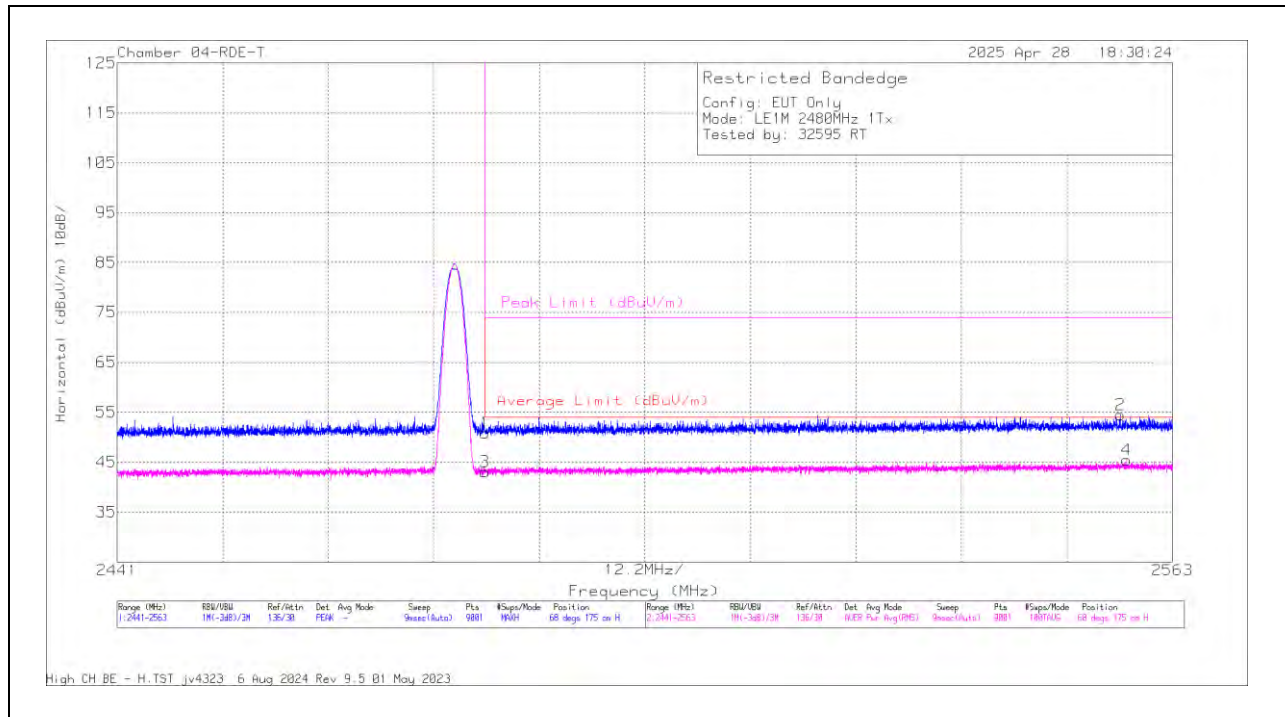


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.18	Pk	32	0	-38.81	52.37	-	-	74	-21.63	326	296	V
2	* 2324.134	62.98	Pk	31.7	0	-39.07	55.01	-	-	74	-18.99	326	296	V
3	* 2390	43.74	RMS	32	72	-38.81	42.65	54	-11.35	-	-	326	296	V
4	* 2370.014	50.16	RMS	31.9	72	-39	43.78	54	-10.22	-	-	326	296	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

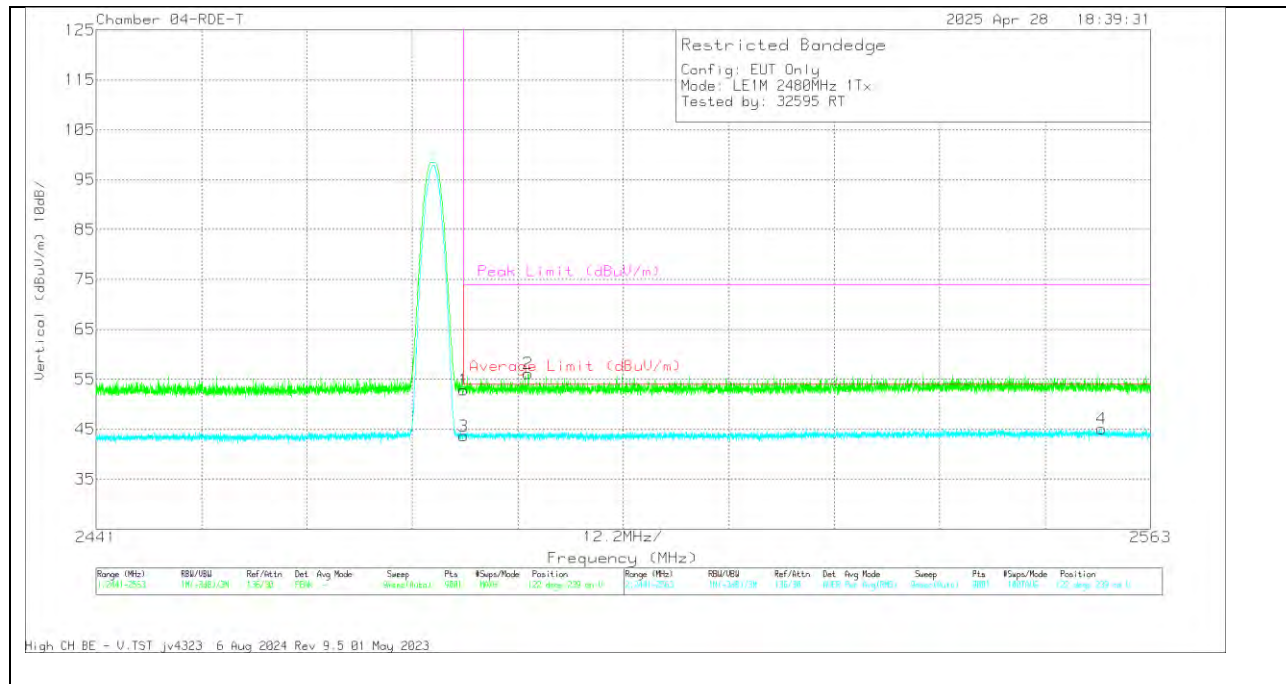
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dBm)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2483.5	57.57	Pk	32.2	0	-38.74	50.83	-	-	74	-23.17	68	175	H
3	* 2483.5	48.86	RMS	32.2	.72	-38.74	43.04	54	-10.96	-	-	68	175	H
2	2556.985	60.4	Pk	32.4	0	-38.25	54.55	-	-	74	-19.45	68	175	H
4	2557.704	50.64	RMS	32.4	.72	-38.27	45.49	54	-8.51	-	-	68	175	H

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

Pk - Peak detector

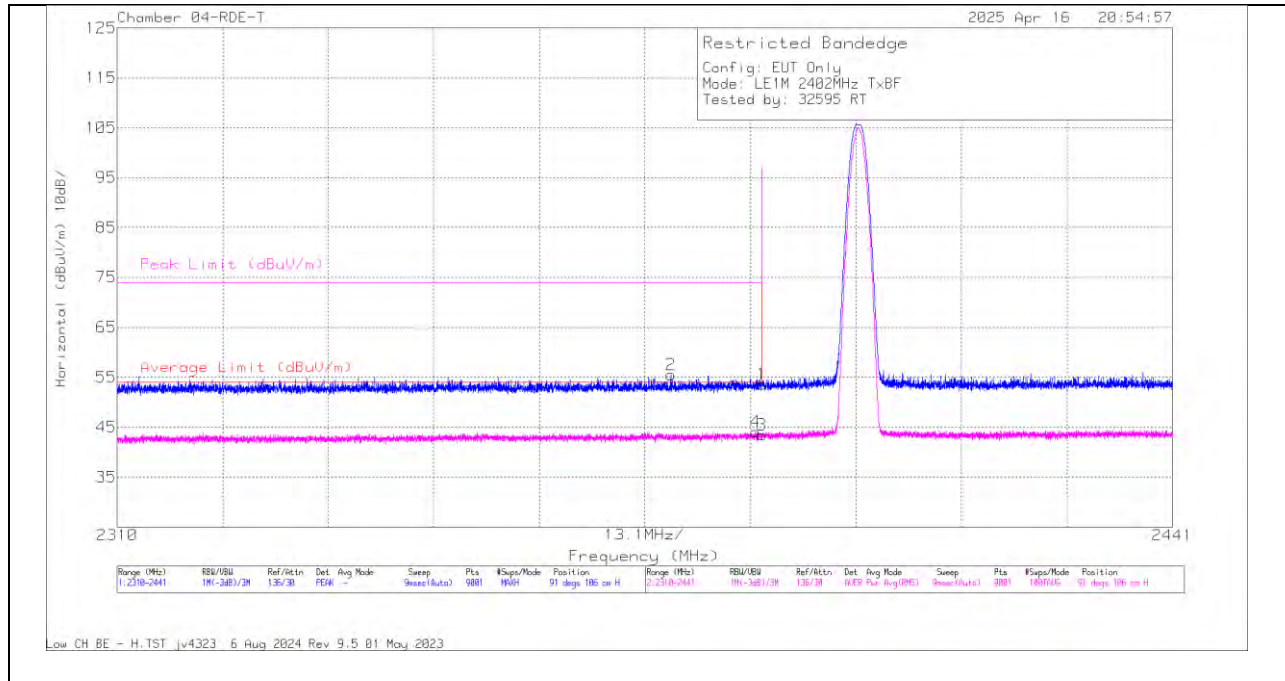
RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACP (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	59.4	PK	32.2	0	-38.74	52.86	-	-	74	-21.14	122	239	V
2	* 2491.008	62.54	PK	32.3	0	-38.66	56.18	-	-	74	-17.82	122	239	V
3	* 2483.5	49.46	RMS	32.2	.72	-38.74	43.64	54	-10.36	-	-	122	239	V
4	2557.338	50.25	RMS	32.4	.72	-38.26	45.11	54	-8.89	-	-	122	239	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 (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	* 2390	60.41	Pk	32	0	-38.81	53.6	-	-	74	-20.4	91	106	H
2	* 2378.733	62.61	Pk	32	0	-39.04	55.57	-	-	74	-18.43	91	106	H
3	* 2390	49.55	RMS	32	72	-38.81	43.46	54	-10.54	-	-	91	106	H
4	* 2389.228	50.19	RMS	32	72	-38.86	44.05	54	-9.95	-	-	91	106	H

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

Pk - Peak detector

RMS - RMS detection

Chamber 04-RDE-T

2025 Apr 16 21:05:37

Restricted Bandedge

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

Vertical (dBuV/m) 10dB/

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

13.1 MHz/

2441

Range (MHz)	RBW/VBW	Ref/Att	Det	Avg Mode	Sweep	Pts	#Sps/Mode	Position	Range (MHz)	RBW/VBW	Ref/Att	Det	Avg Mode	Sweep	Pts	#Sps/Mode	Position
100.000-2441	100.000/30.0	1.50/30	70dB	Peak	Green/Blue	1000	1000	200 degs 118 up 11	100.000-2441	100.000/30.0	1.50/30	70dB	Peak	Green/Blue	1000	1000	200 degs 118 up 11

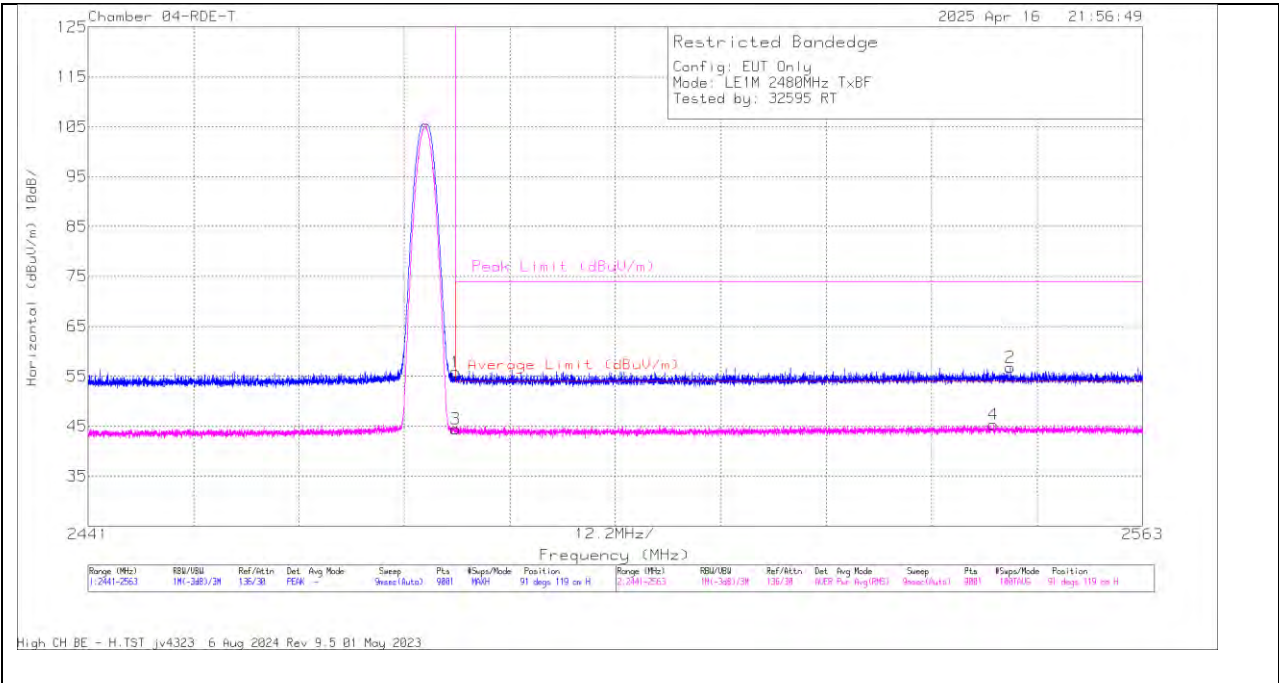
Low CH BE - U.TST jv4323 5 Aug 2024 Rev 9.5 01 May 2023

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)	Polariz
1	* 2390	60.54	PK	32	0	-38.81	53.53	-	-	74	-20.47	249	114	V
2	* 2386.675	62.12	PK	32	0	-38.85	55.27	-	-	74	-18.73	249	114	V
3	* 2390	48.95	RMS	32	-72	-38.81	42.86	54	-11.14	-	-	249	114	V
4	* 2376.404	50.29	RMS	32	-72	-38.97	44.04	54	-9.96	-	-	249	114	V

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

BANDEGE (HIGH CHANNEL)

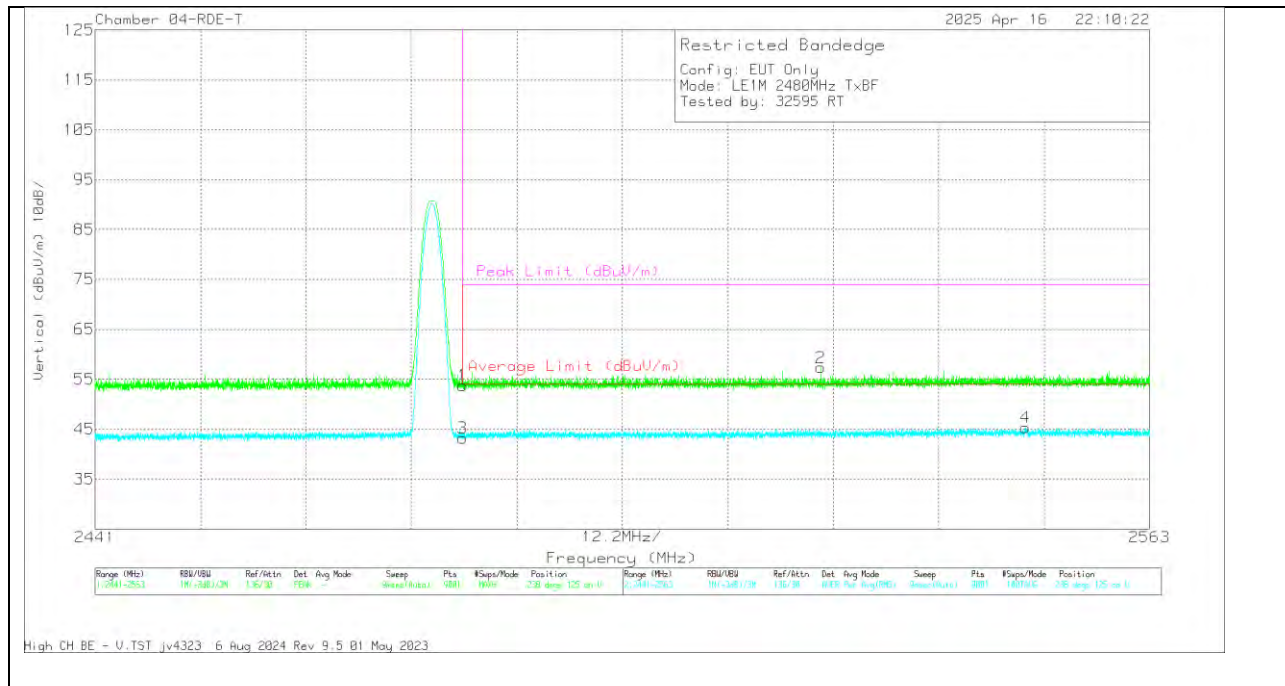
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	70634 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	62.38	Pk	32.2	0	-38.74	55.84	-	-	74	-18.16	91	119	H
3	* 2483.5	50.25	RMS	32.2	.72	-38.74	44.43	54	-9.57	-	-	91	119	H
4	2545.734	50.61	RMS	32.4	.72	-38.39	45.34	54	-8.66	-	-	91	119	H
2	2547.726	62.85	Pk	32.4	0	-38.47	56.78	-	-	74	-17.22	91	119	H

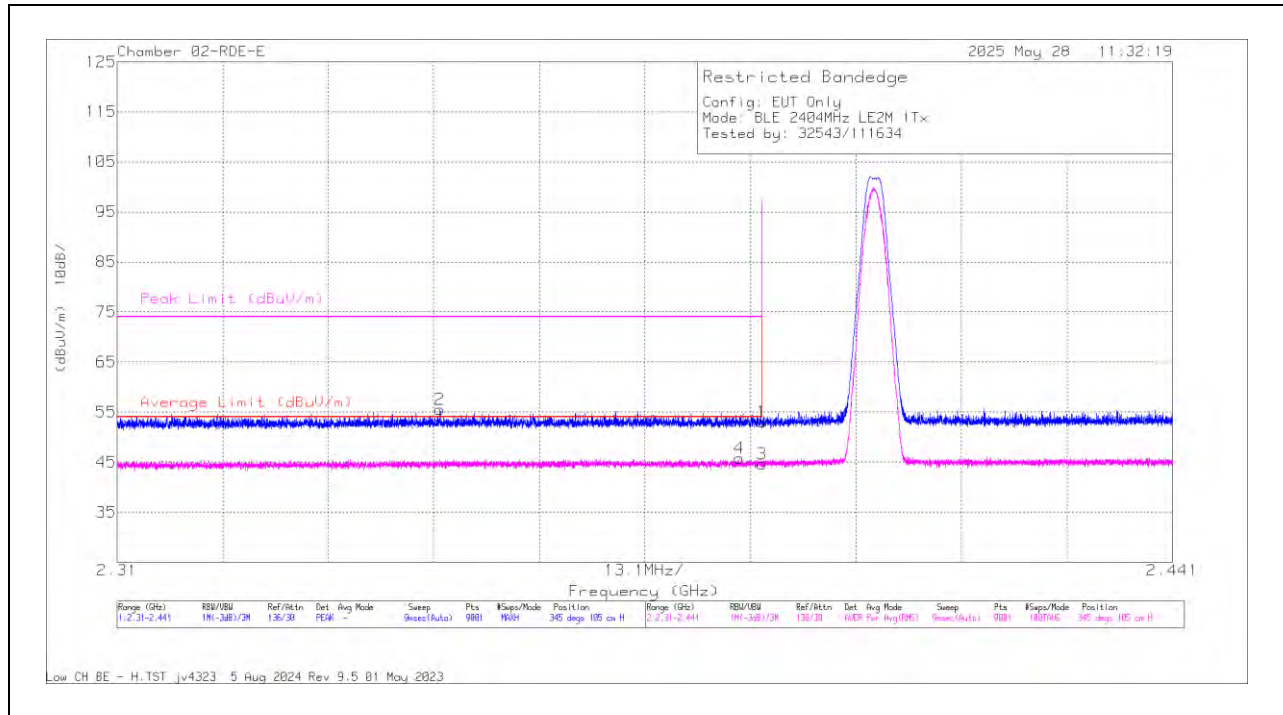
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

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	60.3	PK	32.2	0	-38.74	53.76	-	-	74	-20.24	238	125	V
3	* 2483.5	49.04	RMS	32.2	.72	-38.74	43.22	54	-10.78	-	-	238	125	V
2	2524.966	63.53	PK	32.4	0	-38.59	57.34	-	-	74	-16.66	238	125	V
4	2548.648	50.69	RMS	32.4	.72	-38.47	45.34	54	-8.66	-	-	238	125	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	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	60.65	PK	32.1	0	-39.7	53.05	-	-	74	-20.95	345	105	H
2	* 2.350044	63.26	PK	32	0	-39.7	55.56	-	-	74	-18.44	345	105	H
3	* 2.39	49.8	RMS	32.1	2.46	-39.7	44.66	54	-9.34	-	-	345	105	H
4	* 2.387205	50.96	RMS	32.1	2.46	-39.71	45.81	54	-8.19	-	-	345	105	H

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

PK - Peak detector

RMS - RMS detection

Chamber 02-RDE-E 2025 May 28 11:40:56

Restricted Bandedge
 Config: EUT Only
 Mode: BLE 2484MHz LE2M 1Tx
 Tested by: 32543/111634

Peak Limit (dBuV/m)
 Average Limit (dBuV/m)

13.1MHz/

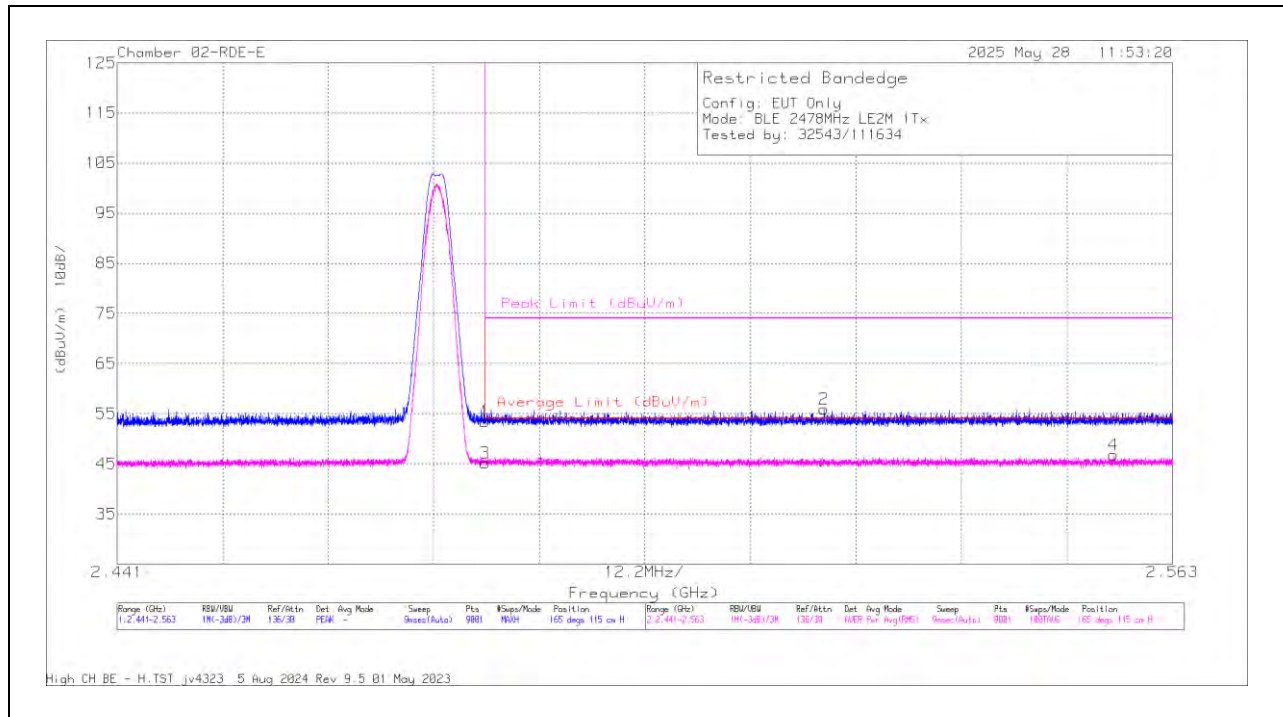
Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Bktn	Det	Avg Mode	Sweep	Pts	#Seps/Mode	Position	Range (GHz)	RBW/VBW	Ref/Bktn	Det	Avg Mode	Sweep	Pts	#Seps/Mode	Position
1.231-2.441	100-300/30	1.0/30	PEAK	-	Sweep (Auto)	1001	1000	(2 Seps 303.00 V)	1.231-2.441	100-300/30	1.0/30	PEAK	For Avg (PK)	Trace (Auto)	1001	1000	(2 Seps 303.00 V)

Low CH BE - U.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	60.97	Pk	32.1	0	-39.7	53.37	-	-	74	-20.63	12	393	V
2	* 2.332198	63.1	Pk	31.9	0	-39.77	55.23	-	-	74	-18.77	12	393	V
3	* 2.39	50	RMS	32.1	2.46	-39.7	44.86	54	-9.14	-	-	12	393	V
4	* 2.370509	50.95	RMS	32.1	2.46	-39.71	45.8	54	-8.2	-	-	12	393	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	60.5	Pk	32.5	0	-39.58	53.42	-	-	74	-20.58	165	115	H
3	* 2.4835	49.81	RMS	32.5	2.46	-39.58	45.19	54	-8.81	-	-	165	115	H
2	* 2.522716	62.94	Pk	32.5	0	-39.51	55.93	-	-	74	-18.07	165	115	H
4	* 2.556158	51.26	RMS	32.5	2.46	-39.49	46.73	54	-7.27	-	-	165	115	H

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

Pk - Peak detector

RMS - RMS detection

Chamber 02-RDE-E

2025 May 28 12:00:35

Restricted Bandedge
Config: EUT Only
Mode: BLE 2478MHz LE2M 1Tx
Tested by: 32543/111634

12.563

Peak Limit (dBm/m)

Average Limit (dBm/m)

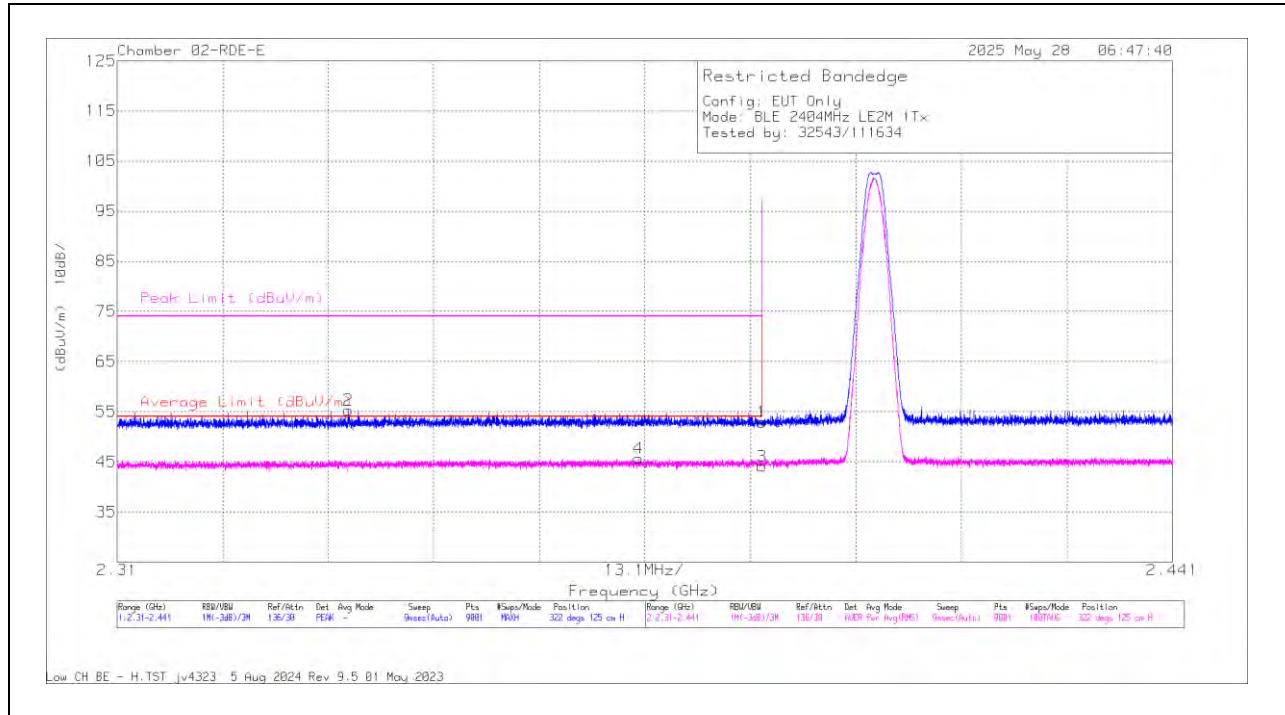
Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Att'n	Det	Avg Mode	Sweep	Pts	Swept/Mode	Position	Range (GHz)	RBW/VBW	Ref/Att'n	Det	Avg Mode	Sweep	Pts	Swept/Mode	Position
12.441-12.563	1Hz-3dB/20	1.8/30	FEM	-	(Sweep Mode)	9001	100%	327 steps, 35 s (1)	12.441-12.563	1Hz-3dB/20	1.8/30	FEM	For Avg (FEM)	(Sweep Mode)	9001	100%	327 steps, 35 s (1)

High CH BE - U.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	* 2.4835	60.62	Pk	32.5	0	-39.58	53.54	-	-	74	-20.46	323	356	V
3	* 2.4835	49.66	RMS	32.5	2.46	-39.58	45.04	54	-9.96	-	-	323	356	V
4	* 2.485545	51.05	RMS	32.5	2.46	-39.57	46.44	54	-7.56	-	-	323	356	V
2	*2.53375	63.05	Pk	32.5	0	-39.52	56.54	-	-	74	-17.46	323	356	V

Pk - Peak detector
RMS - RMS detection

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

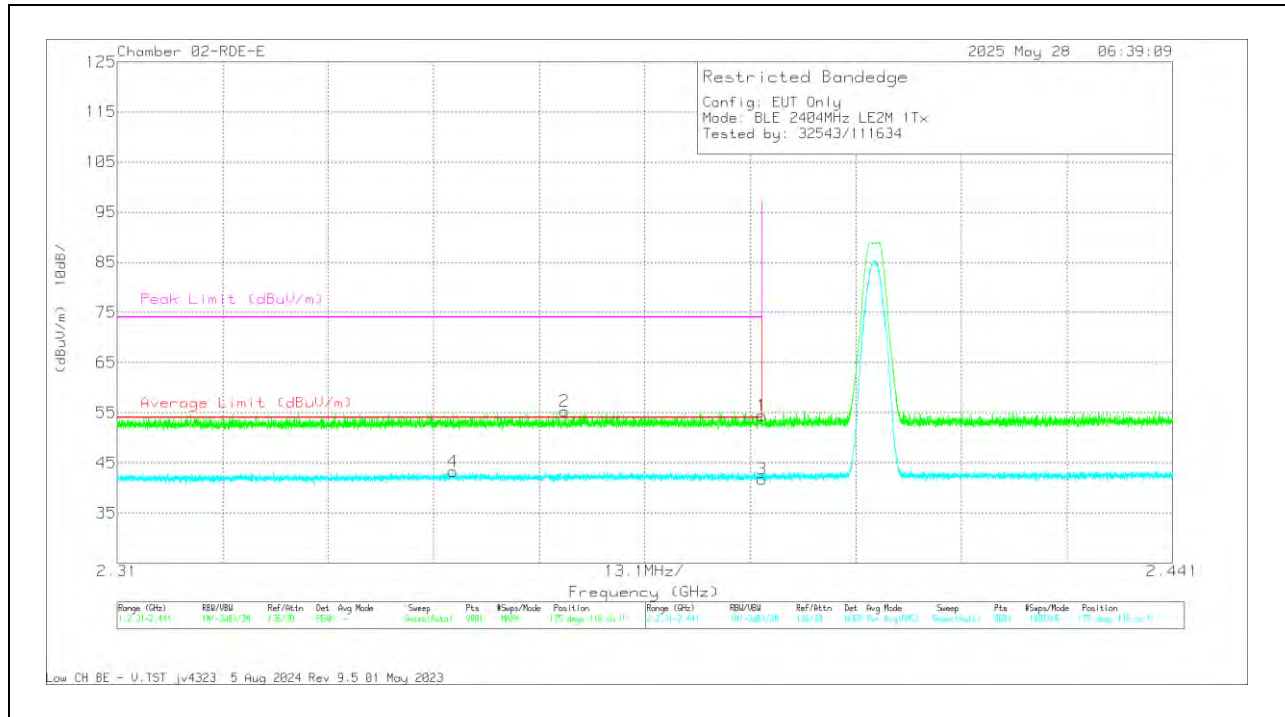
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.54	Pk	32.1	0	-39.7	52.94	-	-	74	-21.06	322	125	H
2	* 2.338719	63.12	Pk	31.9	0	-39.72	55.3	-	-	74	-18.7	322	125	H
3	* 2.39	49.23	RMS	32.1	2.46	-39.7	44.09	54	-9.91	-	-	322	125	H
4	* 2.374745	50.86	RMS	32.1	2.46	-39.72	45.7	54	-8.3	-	-	322	125	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

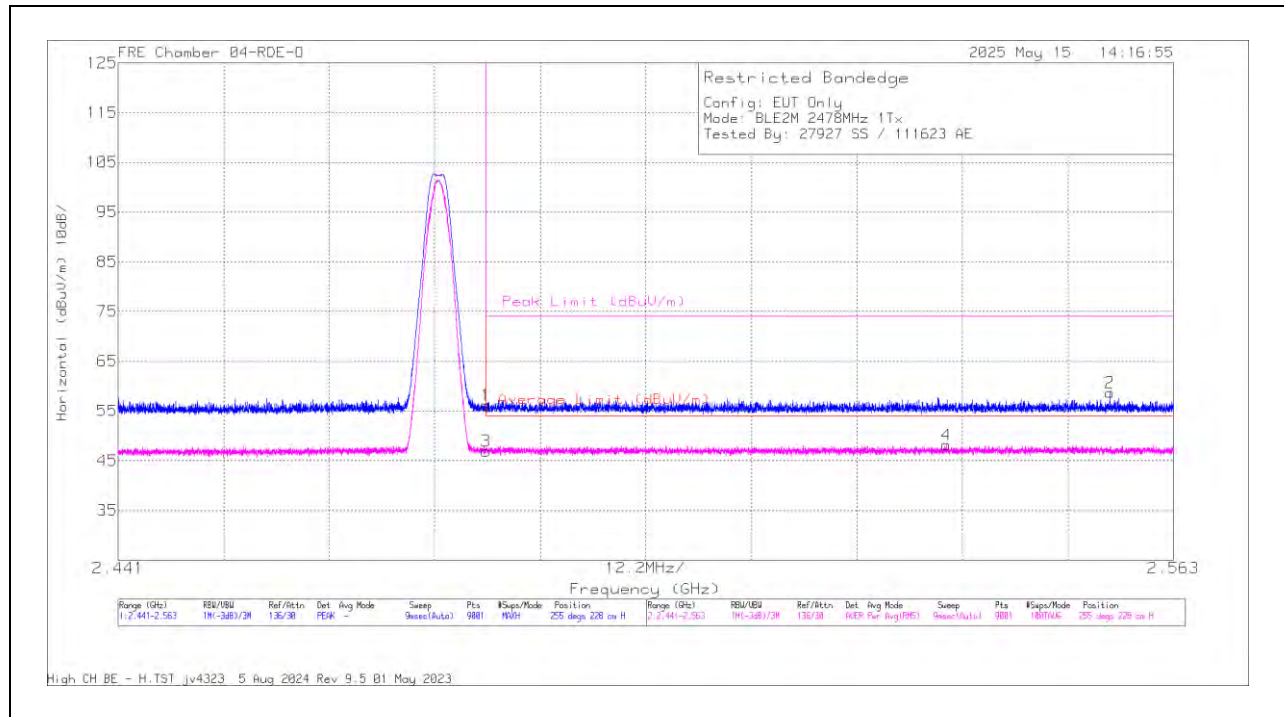


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	61.98	Pk	32.1	0	-39.7	54.38	-	-	74	-19.62	175	116	V
2	* 2.365531	62.96	Pk	32	0	-39.69	55.27	-	-	74	-18.73	175	116	V
3	* 2.39	46.87	RMS	32.1	2.46	-39.7	41.73	54	-12.27	-	-	175	116	V
4	* 2.351688	48.53	RMS	32	2.46	-39.68	43.31	54	-10.69	-	-	175	116	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

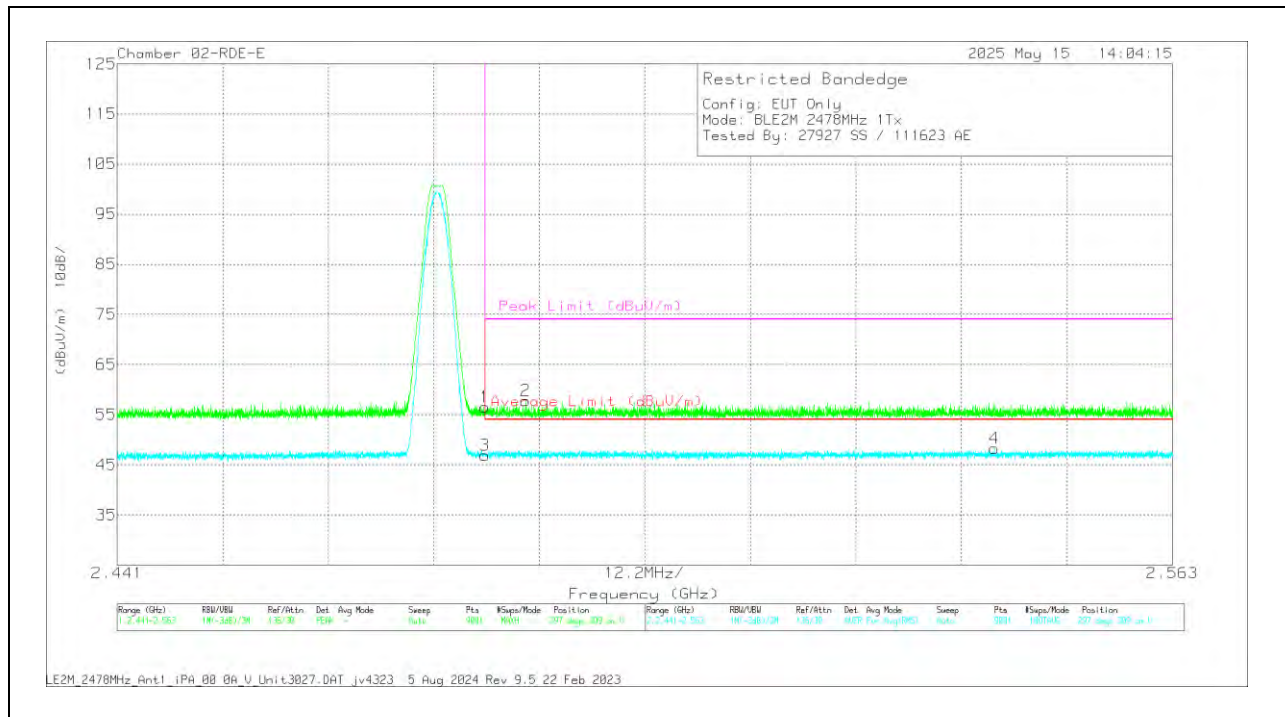
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 80402 (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	60.73	PK	32.3	0	-36.91	56.12	-	-	74	-17.88	255	228	H
3	* 2.4835	49.11	RMS	32.3	2.46	-36.91	46.96	54	-7.04	-	-	255	228	H
4	* 2.536732	50.13	RMS	32.4	2.46	-36.86	48.13	54	-5.87	-	-	255	228	H
2	* 2.555643	63.07	PK	32.4	0	-36.76	58.71	-	-	74	-15.29	255	228	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 (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	61.19	PK	32.3	0	-39.16	54.33	-	-	74	-19.67	297	309	V
2	*2.488202	62.49	PK	32.3	0	-39.12	55.67	-	-	74	-18.33	297	309	V
3	*2.4835	49.03	RMS	32.3	2.46	-39.16	44.63	54	-9.37	-	-	297	309	V
4	*2.542412	50.28	RMS	32.4	2.46	-39.01	46.13	54	-7.87	-	-	297	309	V

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

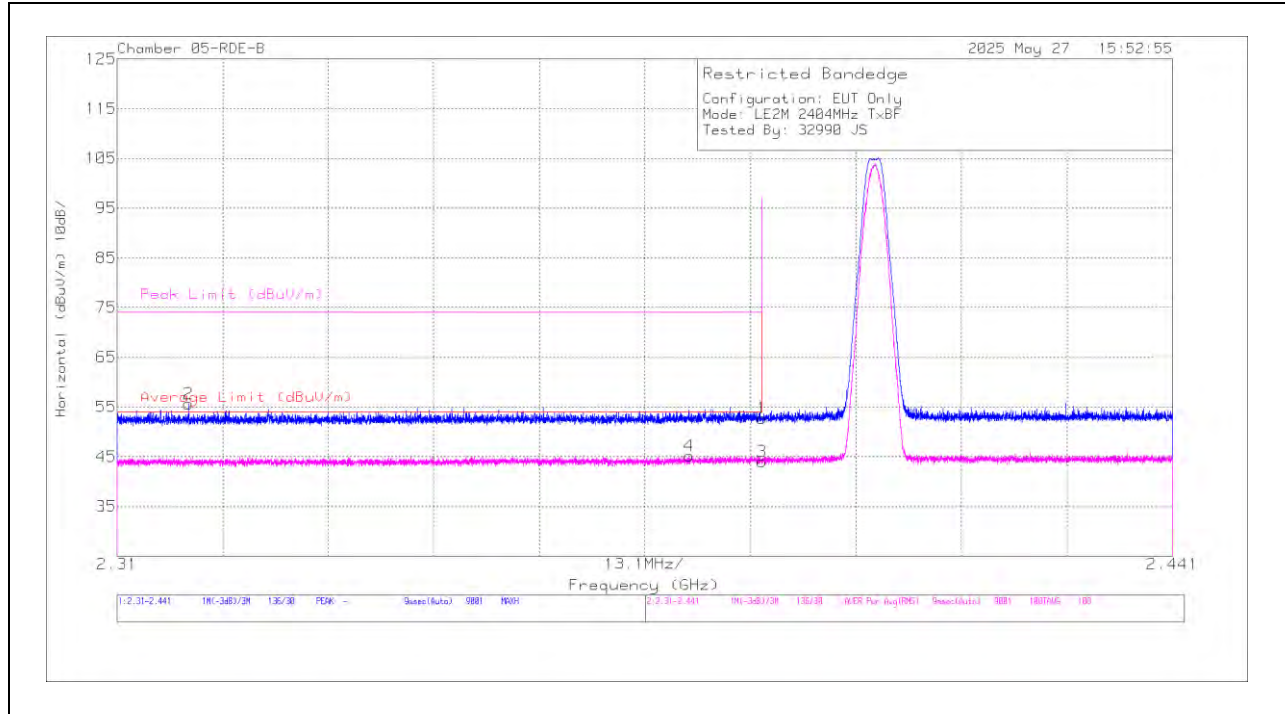
PK - Peak detector

RMS - RMS detection

10.2.14. LOW POWER BLE TXBF (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



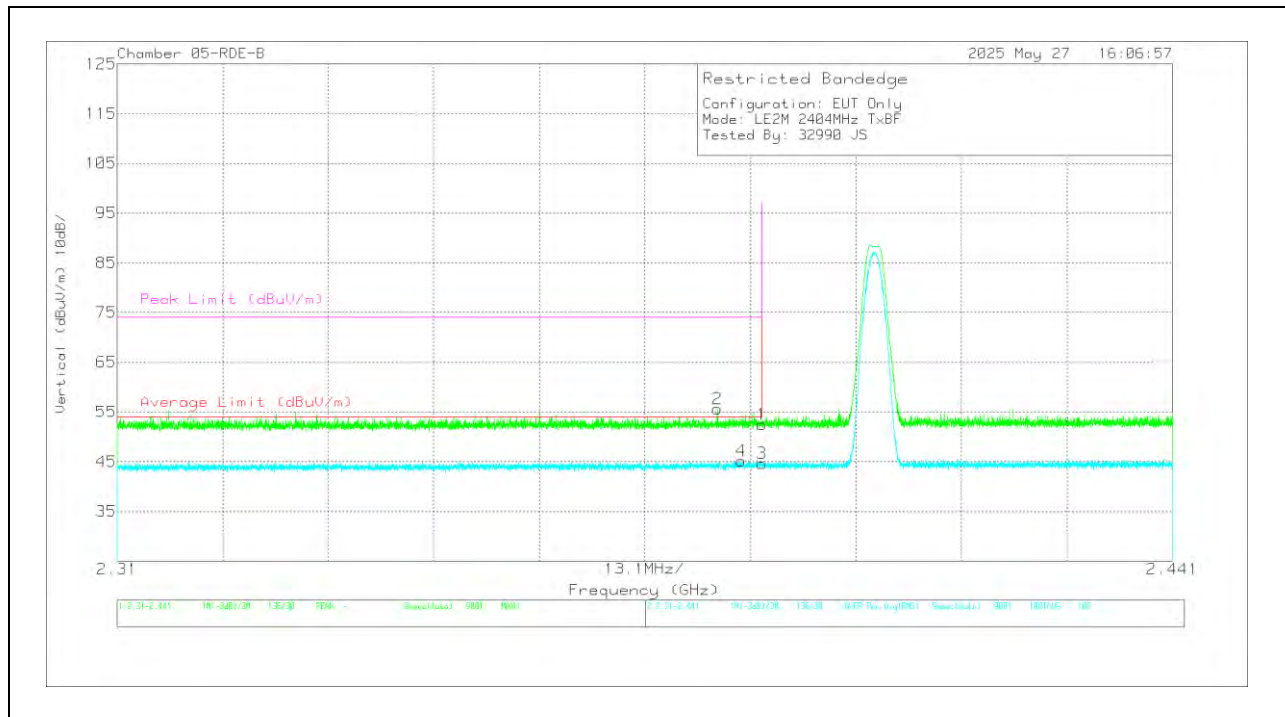
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.318879	64.57	PK	31.7	0	-40.64	55.63	-	-	74	-18.37	251	105	H
4	*2.381004	51.21	RMS	32	2.46	-40.46	45.21	54	-8.79	-	-	251	105	H
1	*2.39	61.08	PK	32	0	-40.39	52.69	-	-	74	-21.31	251	105	H
3	*2.39	49.97	RMS	32	2.46	-40.39	44.04	54	-9.96	-	-	251	105	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

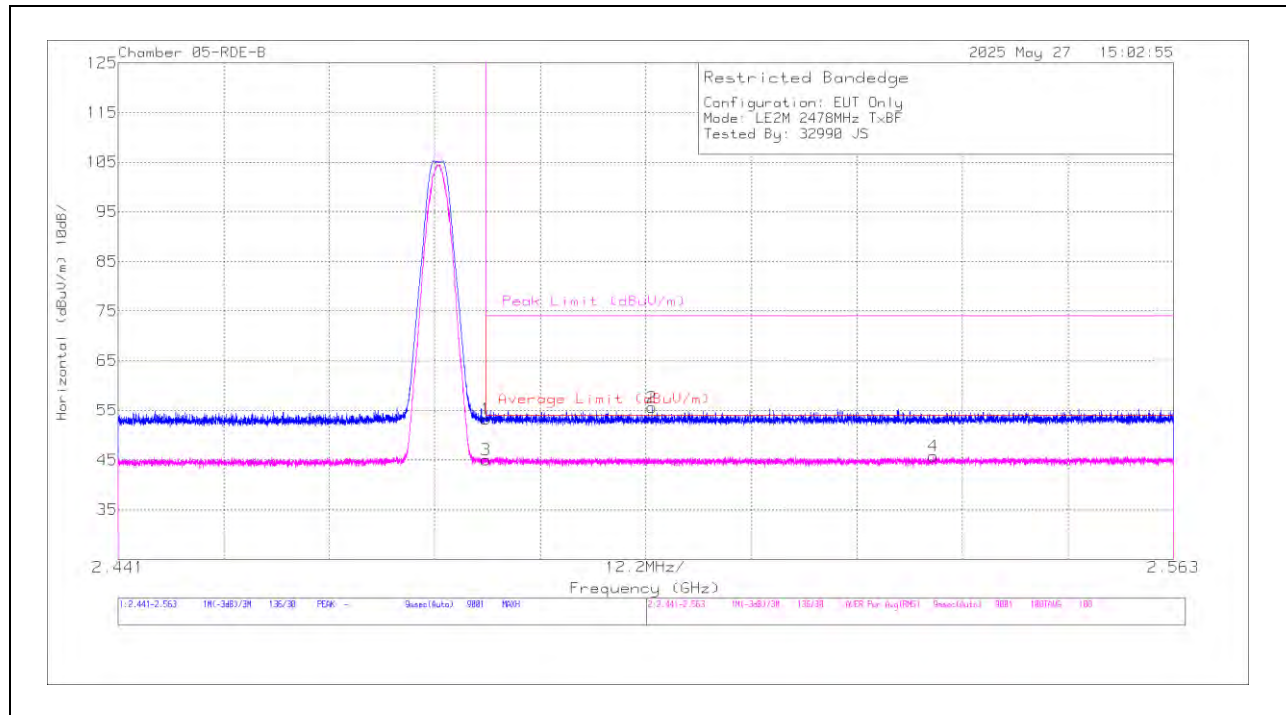


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*2.384483	64	PK	32	0	-40.41	55.59	-	-	74	-18.41	351	154	V
4	*2.387496	51.09	RMS	32	2.46	-40.39	45.16	54	-8.84	-	-	351	154	V
1	*2.39	60.89	PK	32	0	-40.39	52.5	-	-	74	-21.5	351	154	V
3	*2.39	50.63	RMS	32	2.46	-40.39	44.7	54	-9.3	-	-	351	154	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

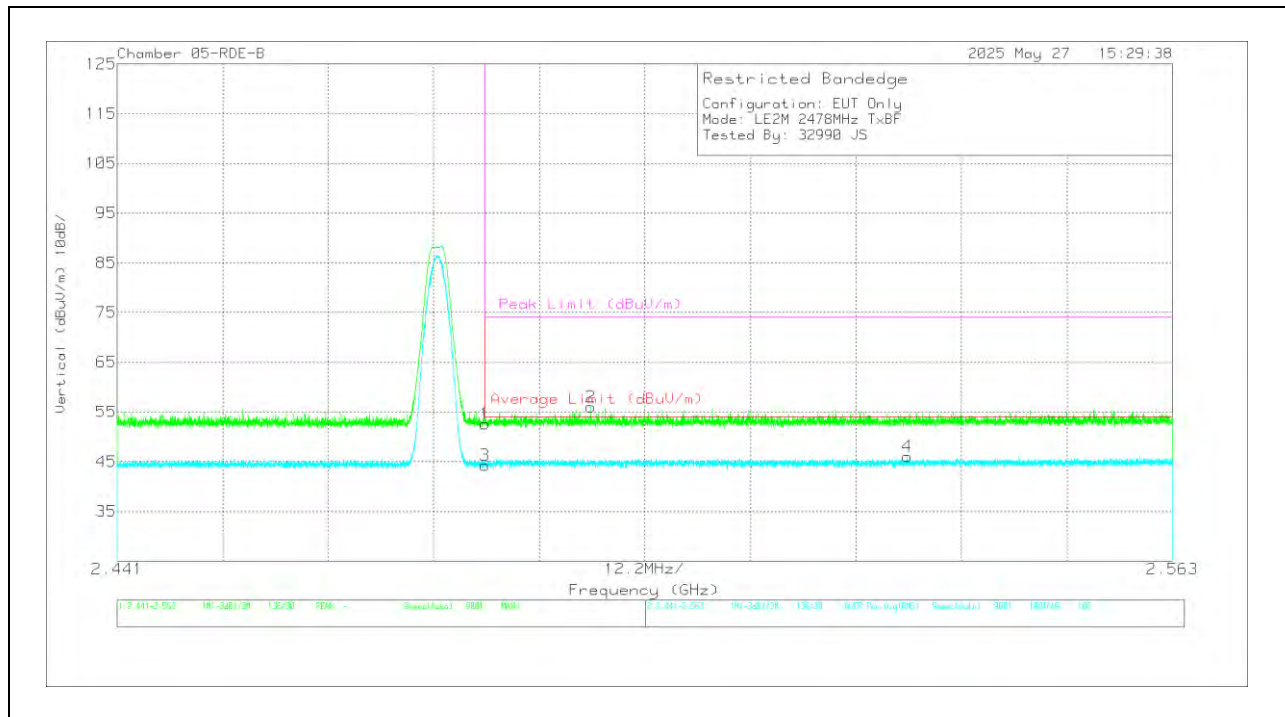
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226672 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	61.39	PK	32.2	0	-40.39	53.2	-	-	74	-20.8	100	103	H
3	*2.4835	50.73	RMS	32.2	2.46	-40.39	45	54	-9	-	-	100	103	H
2	*2.50268	63.64	PK	32.3	0	-40.37	55.57	-	-	74	-18.43	100	103	H
4	*2.535228	51.31	RMS	32.3	2.46	-40.24	45.83	54	-8.17	-	-	100	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	60.83	Pk	32.2	0	-40.39	52.64	-	-	74	-21.36	357	116	V
3	*2.4835	50.03	RMS	32.2	2.46	-40.39	44.3	54	-9.7	-	-	357	116	V
2	*2.495739	64.05	Pk	32.3	0	-40.39	55.96	-	-	74	-18.04	357	116	V
4	*2.532313	51.51	RMS	32.3	2.46	-40.25	46.02	54	-7.98	-	-	357	116	V

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

PK - Peak detector

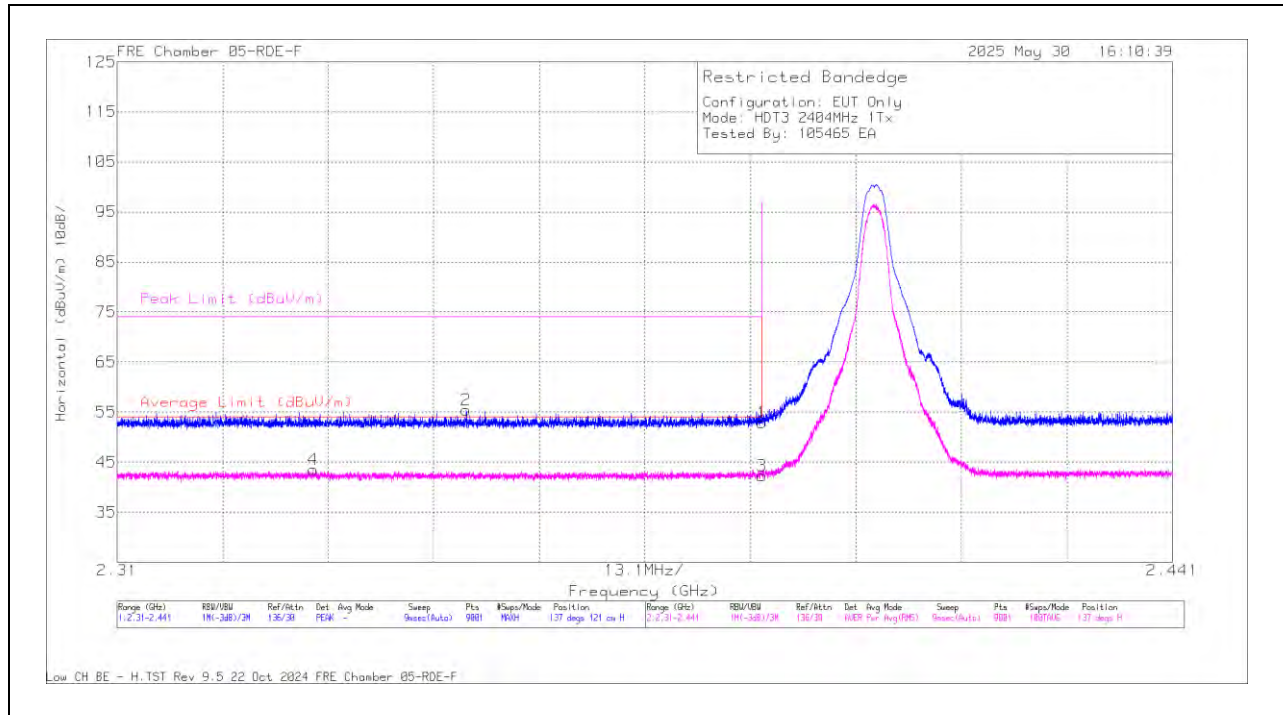
RMS - RMS detection

10.2.15. LOW POWER BLE (HDT3)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

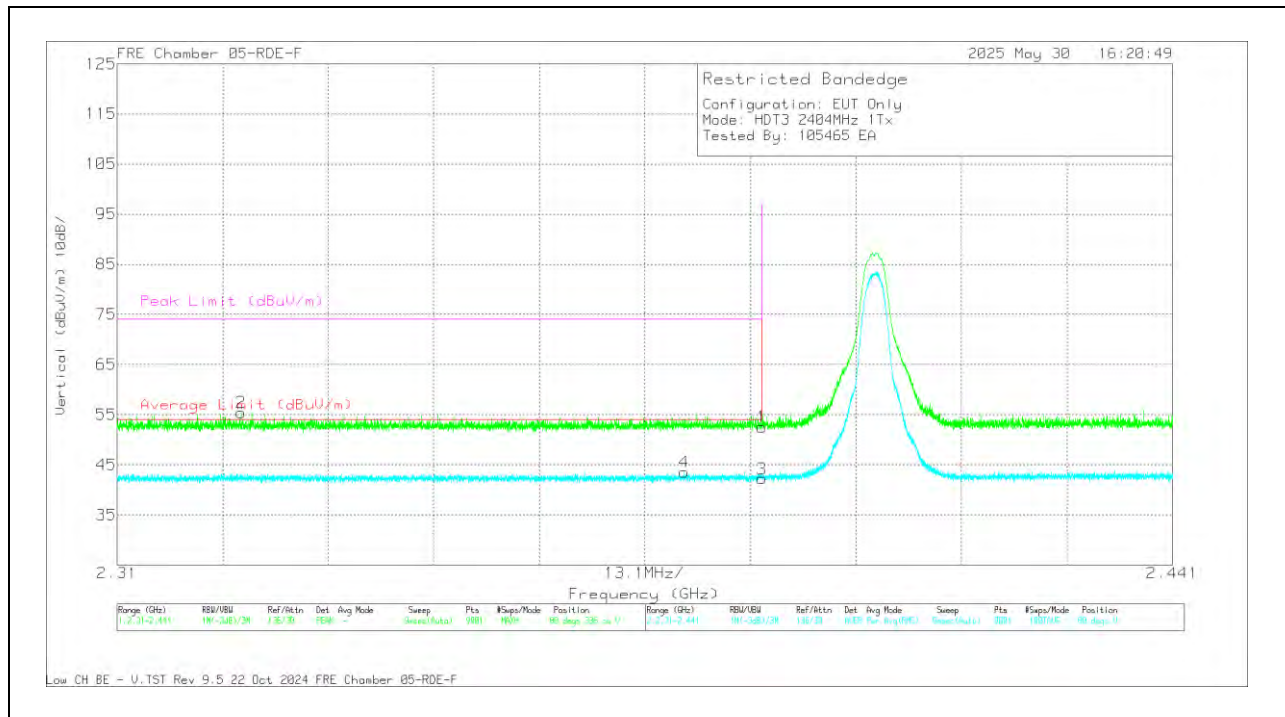


* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

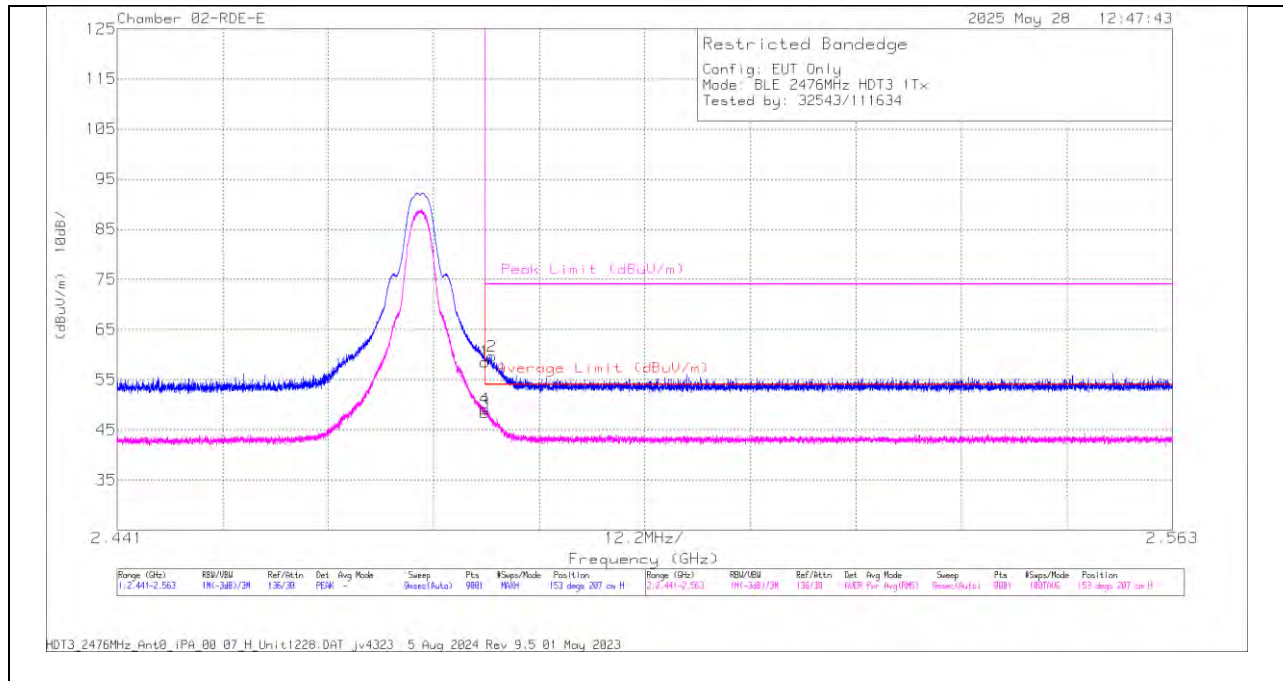


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.78	Pk	32.3	0	-40.54	52.54	-	-	74	-21.46	80	336	V
2	*2.3254	63.85	Pk	32.1	0	-40.5	55.45	-	-	74	-18.55	80	336	V
3	*2.39	50.22	RMS	32.3	.22	-40.54	42.22	54	-11.82	-	-	80	336	V
4	*2.380364	51.51	RMS	32.3	.22	-40.55	43.50	54	-10.54	-	-	80	336	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

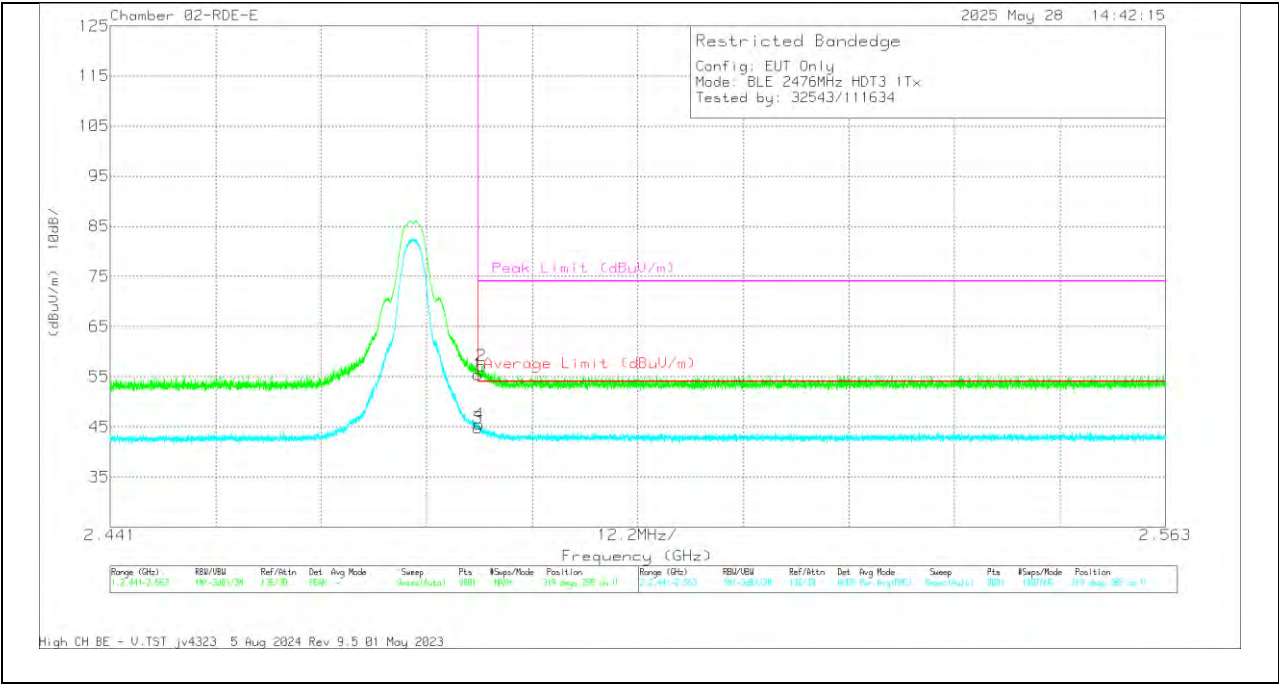
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	65.66	Pk	32.5	0	-39.58	58.58	-	-	74	-15.42	153	207	H
2	*2.484298	66.69	Pk	32.5	0	-39.58	59.61	-	-	74	-14.39	153	207	H
3	*2.4835	55.26	RMS	32.5	.22	-39.58	48.42	54	-5.62	-	-	153	207	H
4	*2.483539	55.97	RMS	32.5	.22	-39.58	49.13	54	-4.91	-	-	153	207	H

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

PK - Peak detector

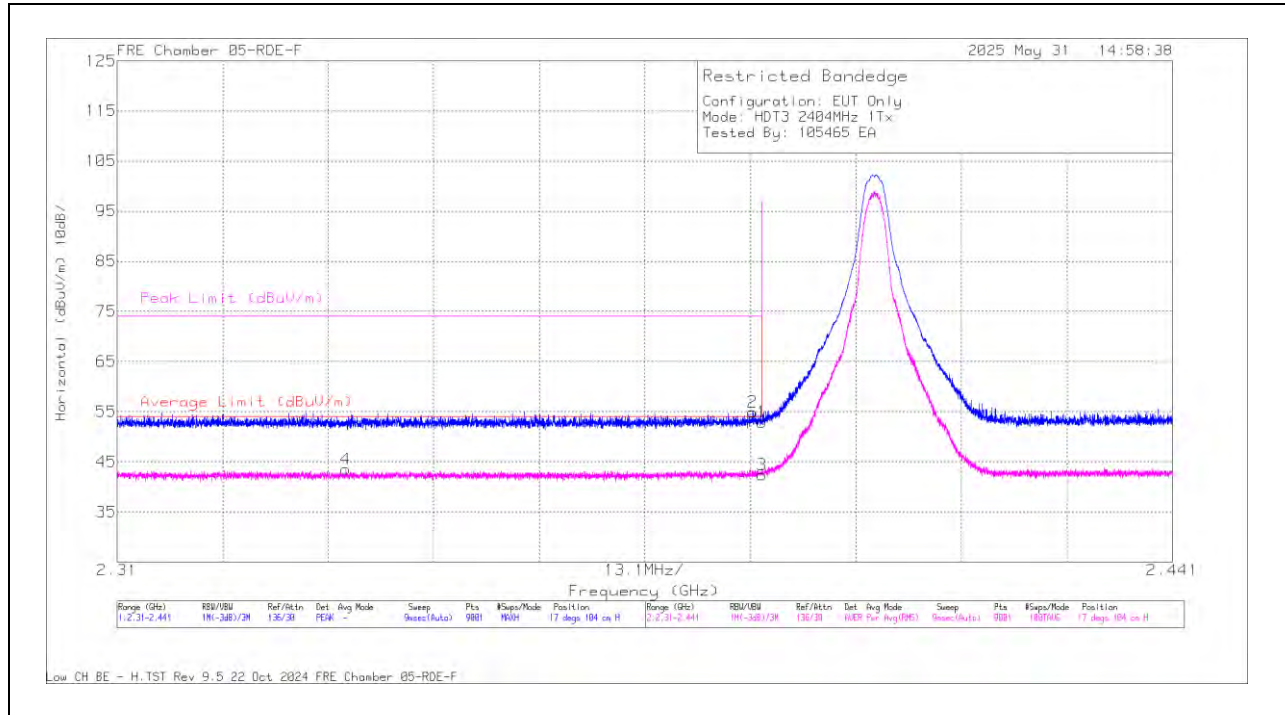
RMS - RMS detection

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	62.51	Pk	32.5	0	-39.58	55.43	-	-	74	-18.57	319	285	V
2	*2.483959	64.25	Pk	32.5	0	-39.58	57.17	-	-	74	-16.83	319	285	V
3	*2.4835	51.65	RMS	32.5	.22	-39.58	44.81	54	-9.23	-	-	319	285	V
4	*2.483688	52.39	RMS	32.5	.22	-39.58	45.55	54	-8.49	-	-	319	285	V

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

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

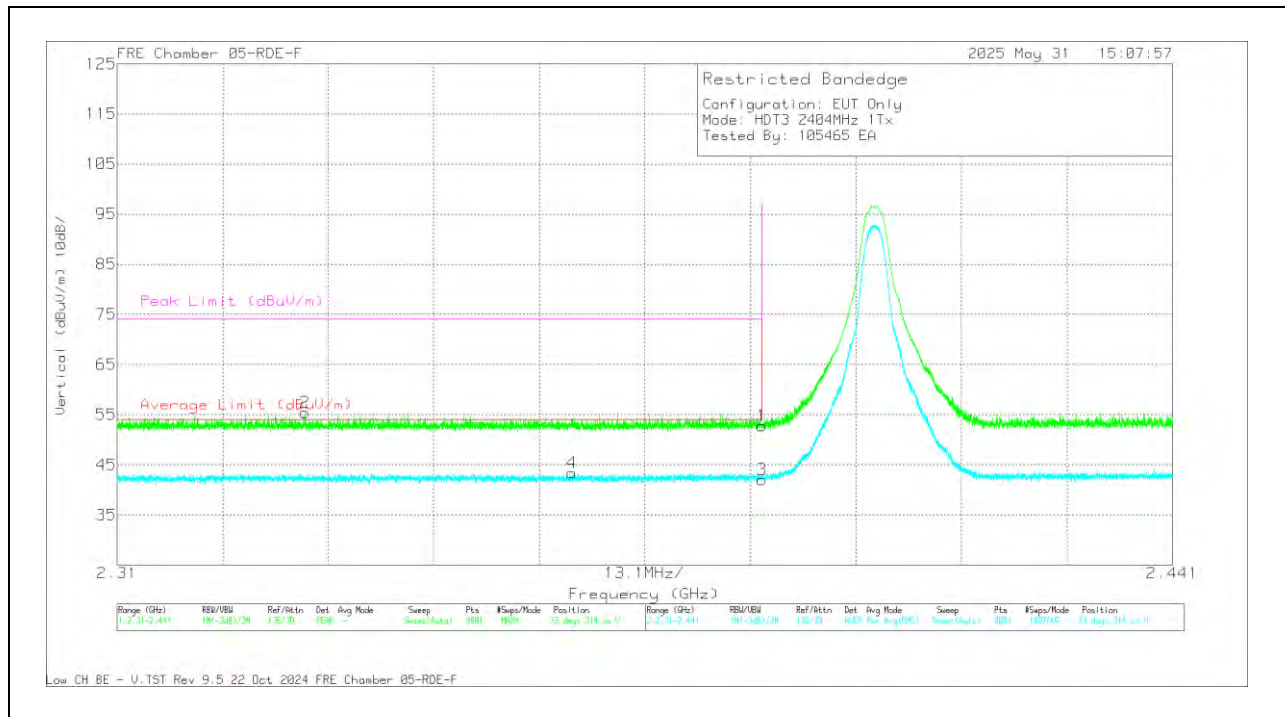
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	61.13	Pk	32.3	0	-40.54	52.89	-	-	74	-21.11	17	104	H
2	*2.398879	63.17	Pk	32.3	0	-40.55	54.92	-	-	74	-19.08	17	104	H
3	*2.39	50.45	RMS	32.3	.22	-40.54	42.45	54	-11.59	-	-	17	104	H
4	*2.39413	51.71	RMS	32.1	.22	-40.54	43.51	54	-10.53	-	-	17	104	H

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

Pk - Peak detector

RMS - RMS detection

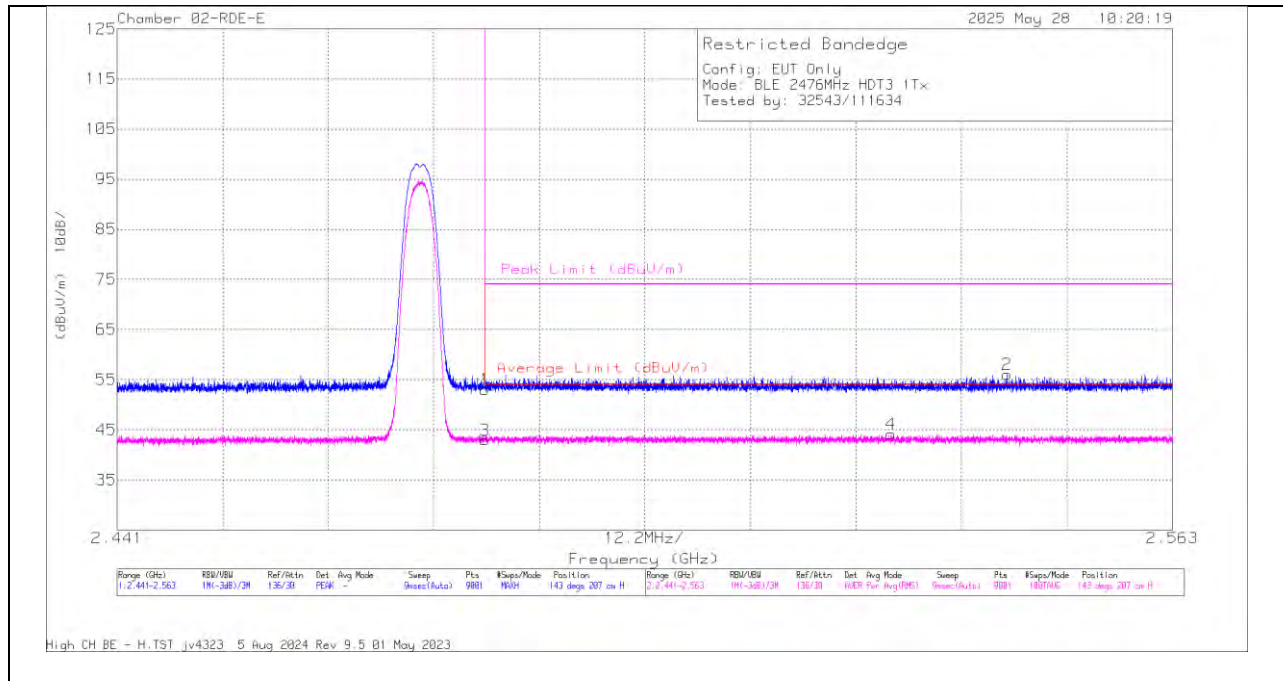
VERTICAL RESULT



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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

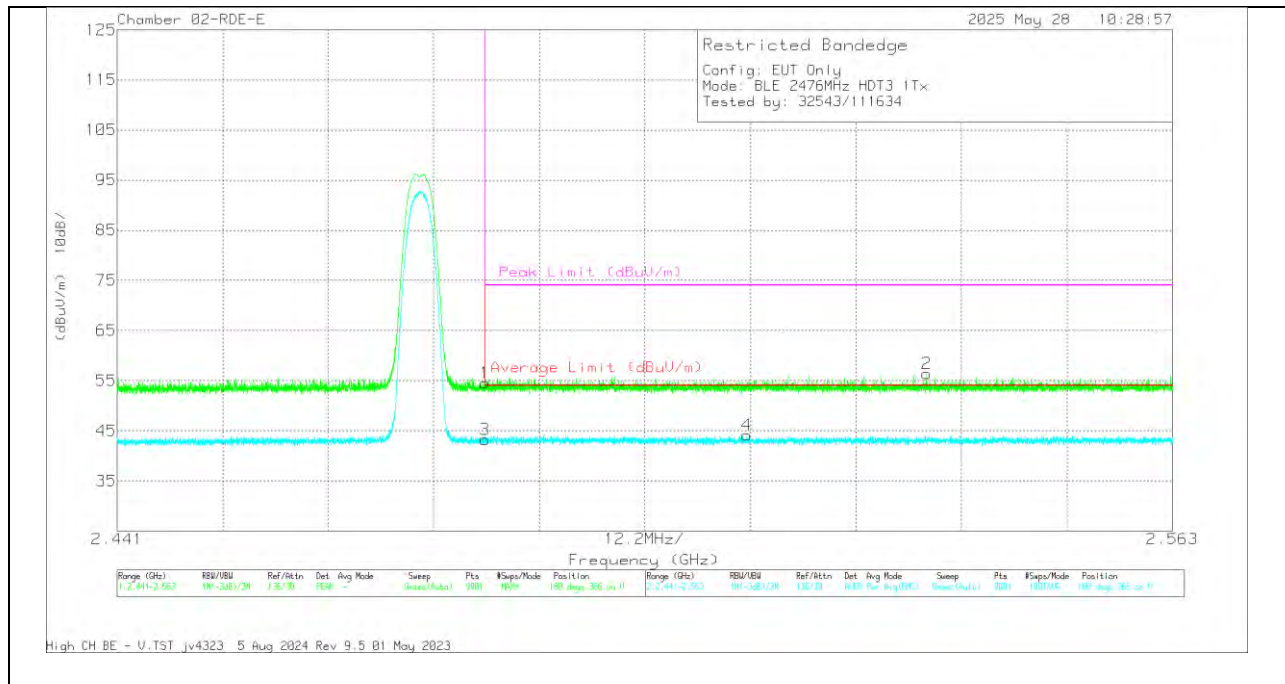
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	60.09	Pk	32.5	0	-39.58	53.01	-	-	74	-20.99	143	207	H
3	*2.4835	49.81	RMS	32.5	.22	-39.58	42.95	54	-11.07	-	-	143	207	H
4	*2.530497	50.94	RMS	32.5	.22	-39.5	44.16	54	-9.86	-	-	143	207	H
2	*2.543836	62.98	Pk	32.5	0	-39.47	56.01	-	-	74	-17.99	143	207	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

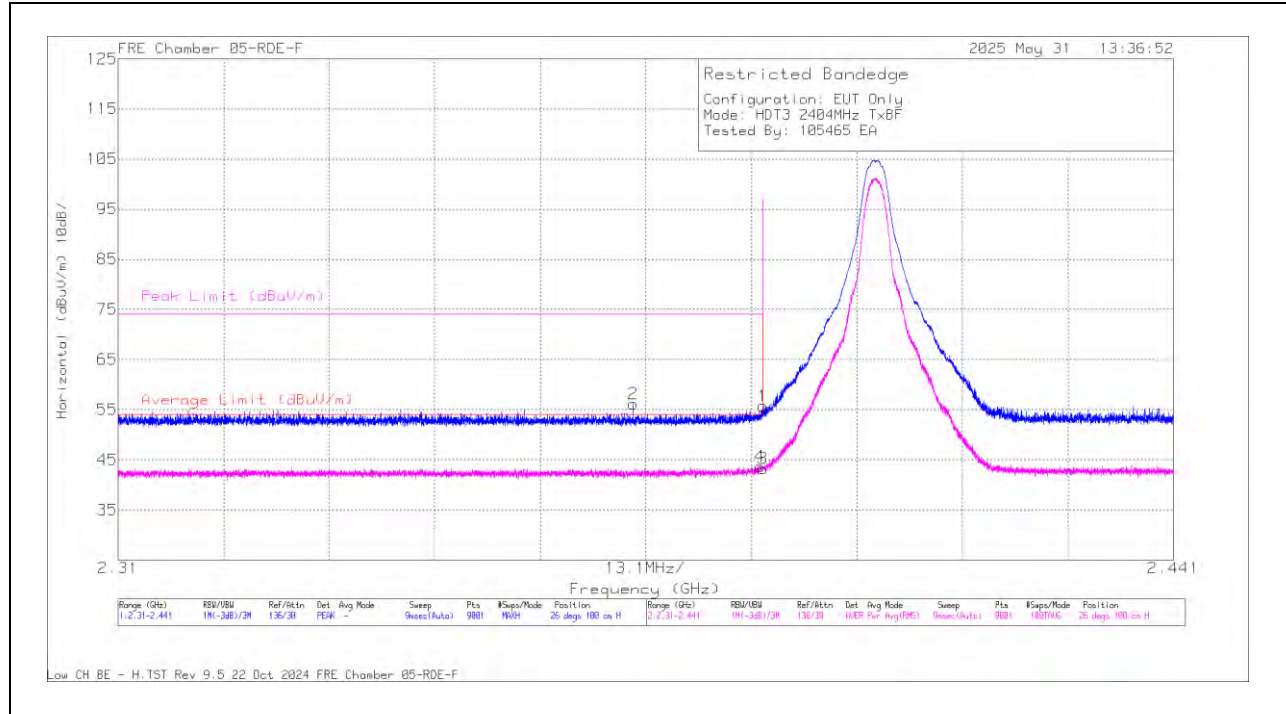


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.57	Pk	32.5	0	-39.58	54.49	-	-	74	-19.51	180	366	V
3	* 2.4835	50.17	RMS	32.5	.22	-39.58	43.31	54	-10.71	-	-	180	366	V
4	* 2.513782	50.95	RMS	32.5	.22	-39.49	44.18	54	-9.84	-	-	180	366	V
2	* 2.534564	63.4	Pk	32.5	0	-39.52	56.38	-	-	74	-17.62	180	366	V

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

Pk - Peak detector

RMS - RMS detection

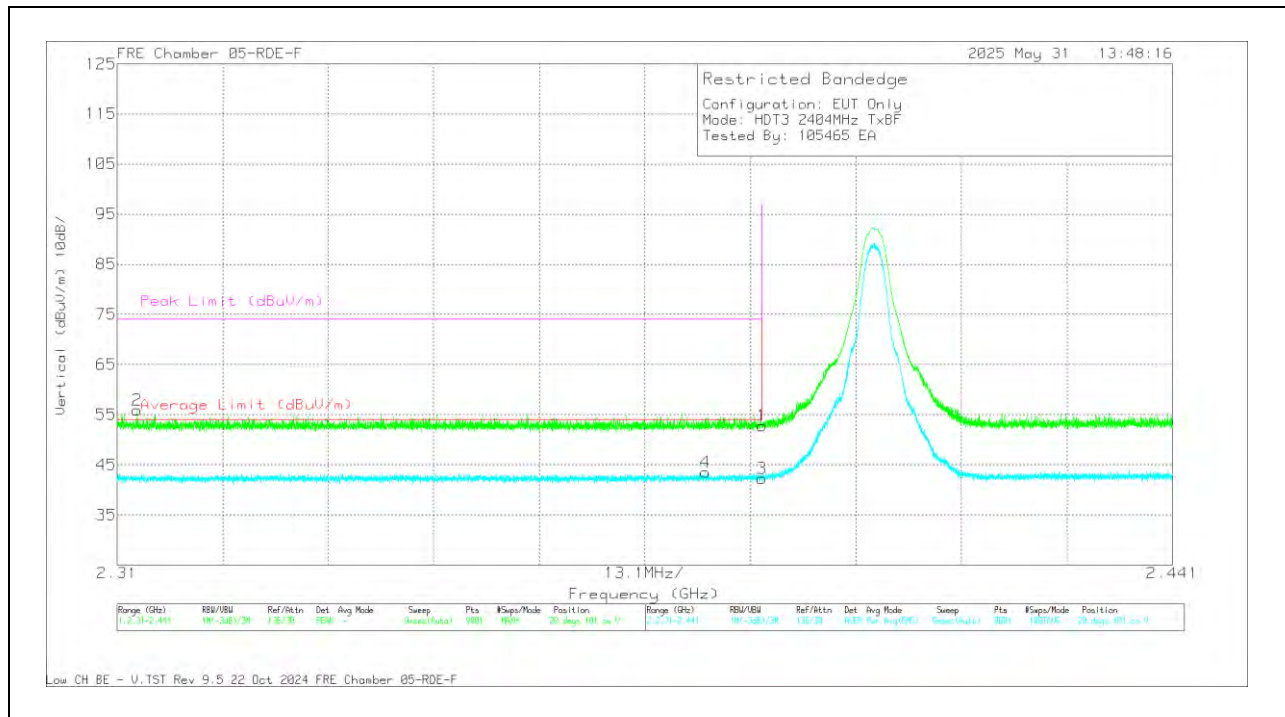
10.2.16. LOW POWER BLE TXBF (HDT3)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	63.97	Pk	32.3	0	-40.54	55.73	-	-	74	-18.27	26	100	H
2	*2.373915	64.54	Pk	32.2	0	-40.55	56.19	-	-	74	-17.81	26	100	H
3	*2.39	51.25	RMS	32.3	.22	-40.54	43.23	54	-10.79	-	-	26	100	H
4	*2.38965	51.69	RMS	32.3	.22	-40.54	43.67	54	-10.35	-	-	26	100	H

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

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT

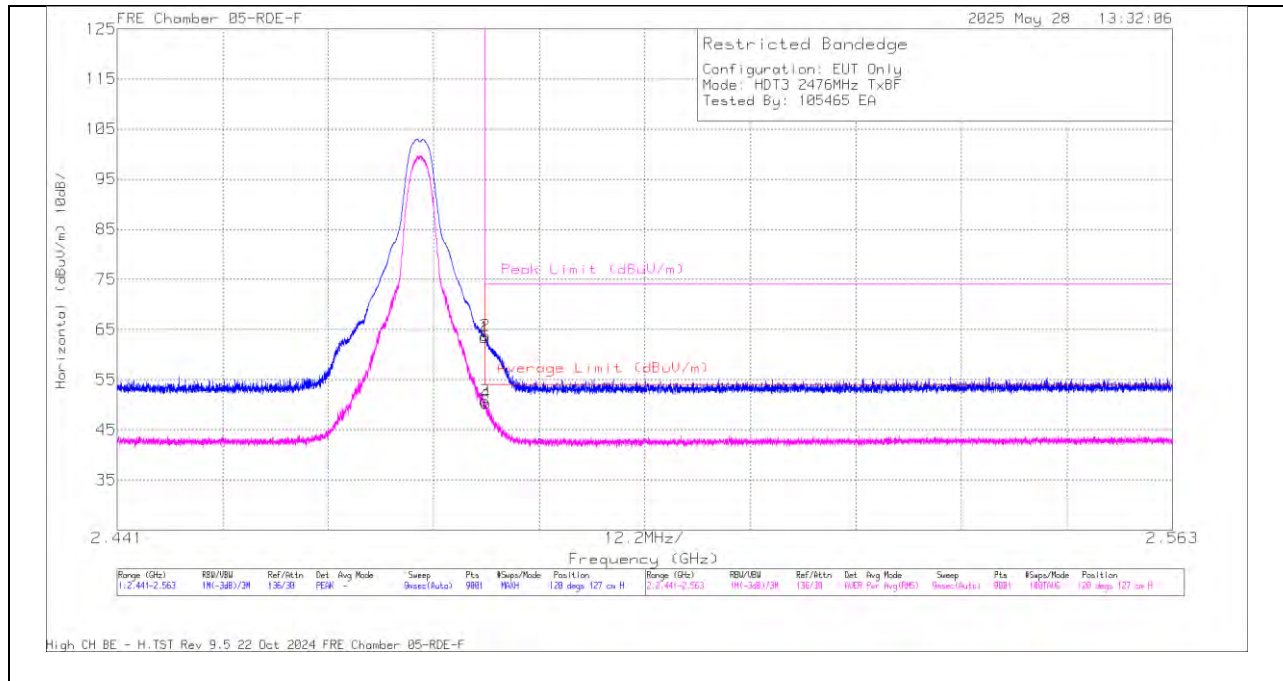


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.39	60.98	Pk	32.3	0	-40.54	52.74	-	-	74	-21.26	20	101	V
2	*2.312489	64.44	Pk	32	0	-40.49	55.95	-	-	74	-18.05	20	101	V
3	*2.39	50.32	RMS	32.3	.22	-40.54	42.30	54	-11.72	-	-	20	101	V
4	*2.382998	51.58	RMS	32.3	.22	-40.57	43.53	54	-10.49	-	-	20	101	V

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

Pk - Peak detector

RMS - RMS detection

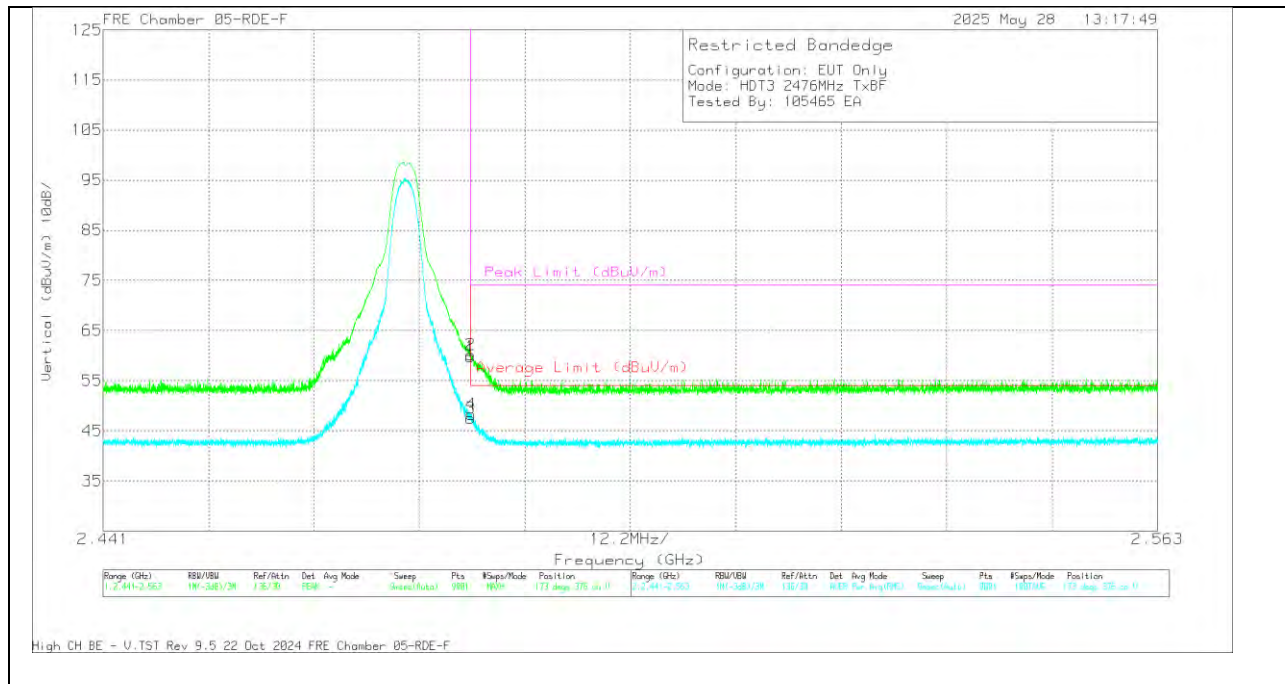
BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	71.67	PK	32.2	0	-40.44	63.43	-	-	74	-10.57	120	127	H
2	*2.483566	72.04	PK	32.2	0	-40.44	63.8	-	-	74	-10.2	120	127	H
3	*2.4835	58.77	RMS	32.2	.22	-40.44	50.75	54	-3.27	-	-	120	127	H
4	*2.483661	58.33	RMS	32.2	.22	-40.44	50.31	54	-3.71	-	-	120	127	H

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

PK - Peak detector

VERTICAL RESULT



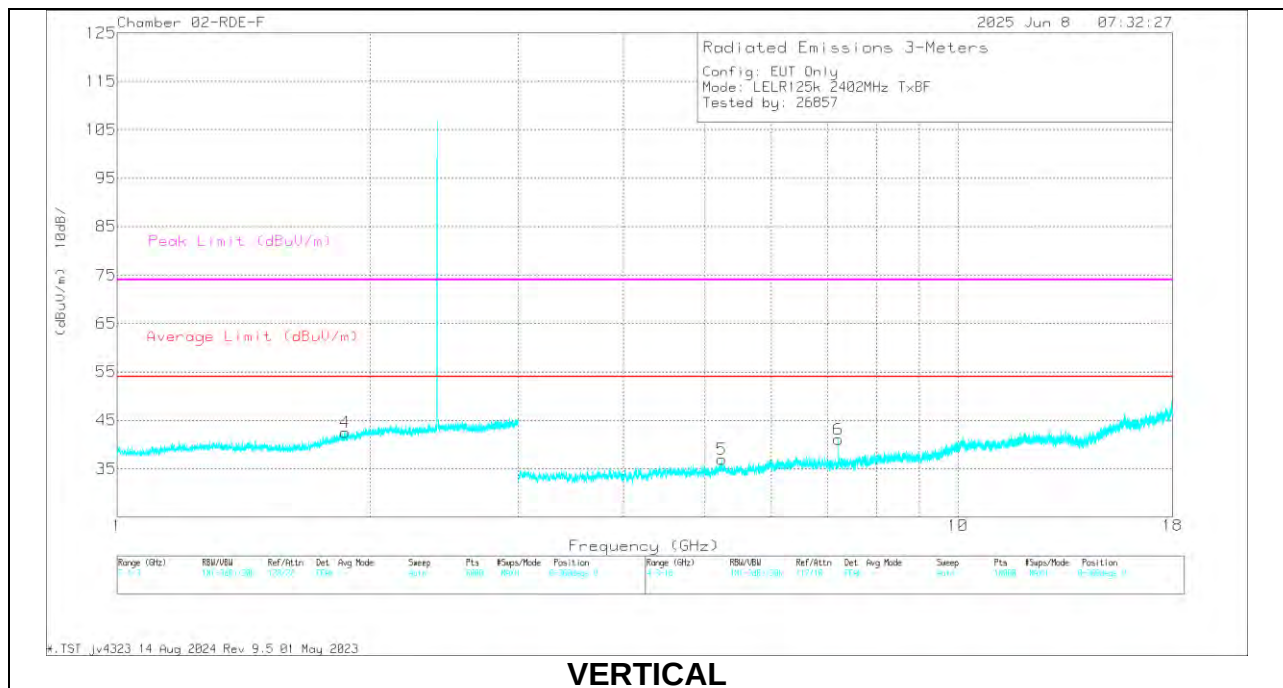
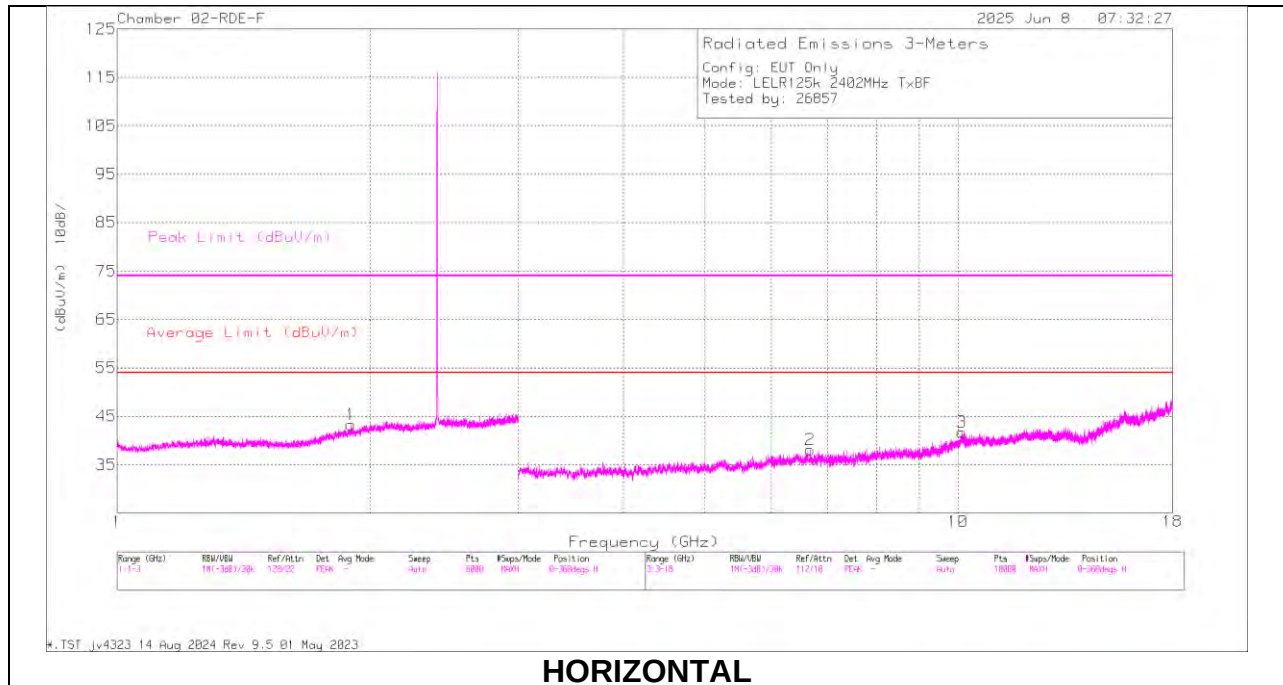
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	68.06	Pk	32.2	0	-40.44	59.82	-	-	74	-14.18	173	376	V
2	*2.483539	68.37	Pk	32.2	0	-40.44	60.13	-	-	74	-13.87	173	376	V
3	*2.4835	55.55	RMS	32.2	.22	-40.44	47.53	54	-6.49	-	-	173	376	V
4	*2.483566	56.28	RMS	32.2	.22	-40.44	48.26	54	-5.76	-	-	173	376	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

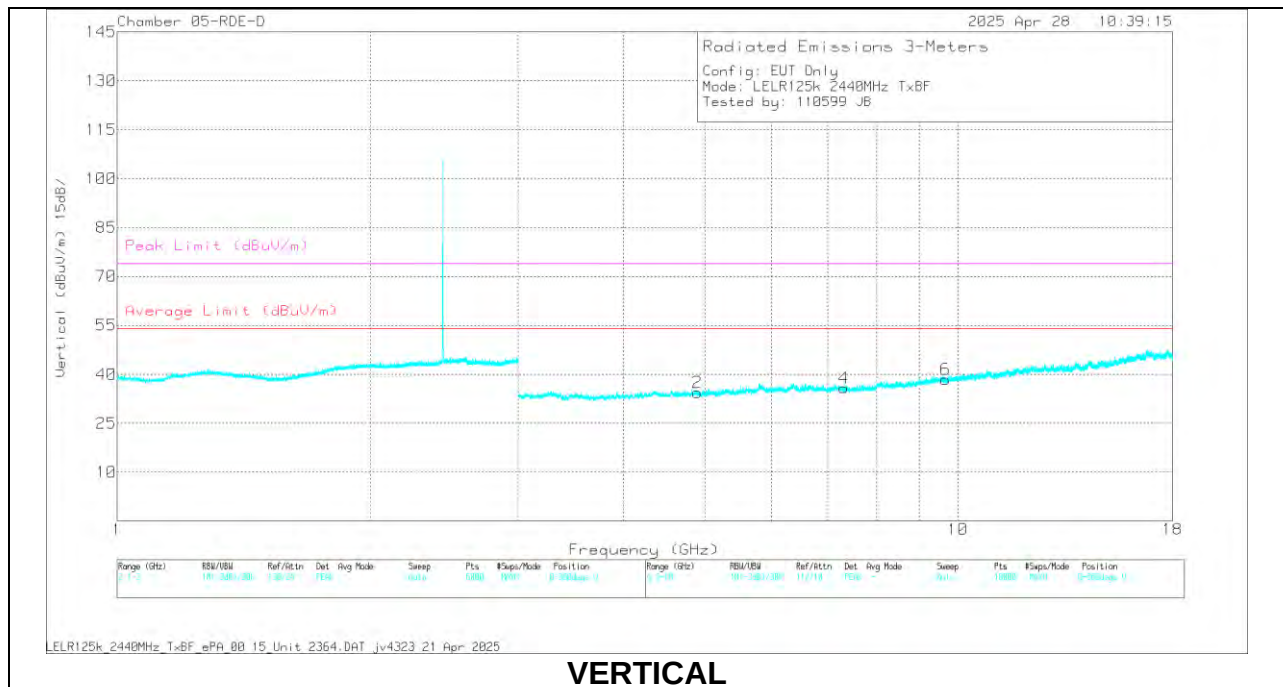
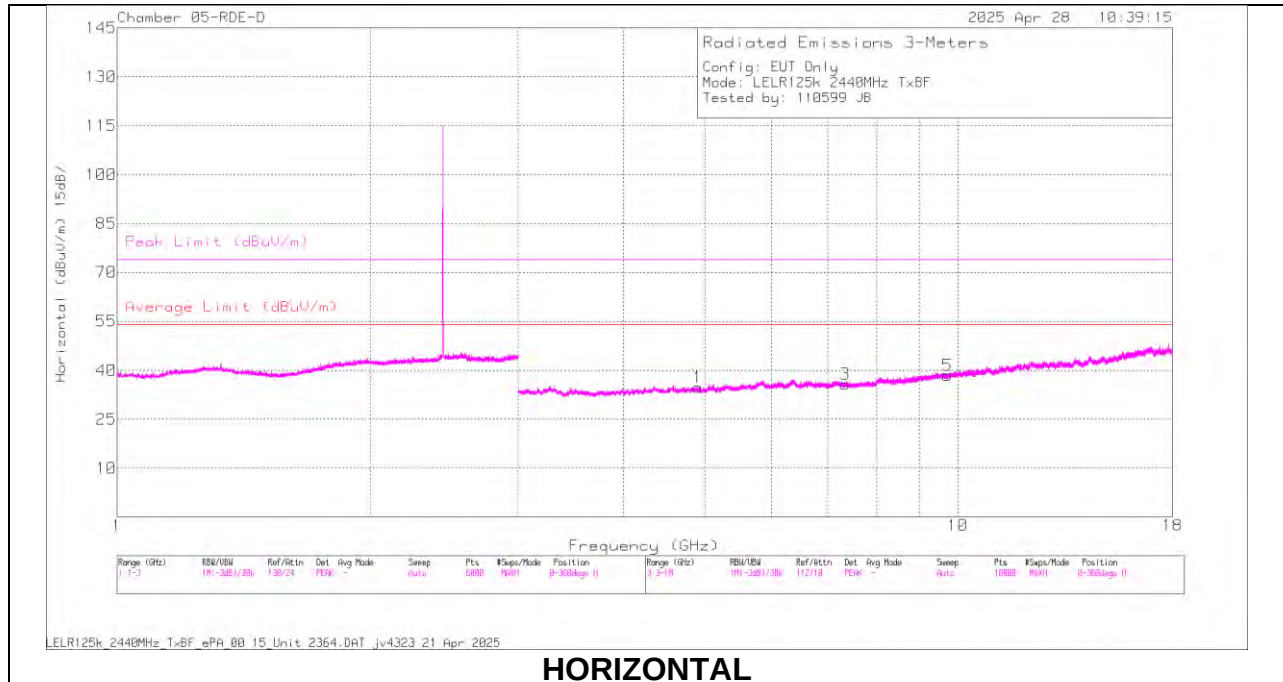
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.864418	48.38	MAv1	30.5	0.11	-38.87	40.12	-	-	-	-	163	169	V
4	1.865988	60.28	PK2	30.5	0	-38.8	51.98	-	-	-	-	163	169	V
1	1.895877	48.48	MAv1	30.7	0.11	-38.89	40.4	-	-	-	-	175	101	H
1	1.896747	60.14	PK2	30.7	0	-38.68	52.16	-	-	-	-	175	101	H
5	5.239155	56.64	PK2	34.6	0	-45.52	45.72	-	-	-	-	112	162	V
5	5.240972	45.19	MAv1	34.5	0.11	-45.79	34.01	-	-	-	-	112	162	V
2	6.673003	42.83	MAv1	35.7	0.11	-43	35.64	-	-	-	-	34	262	H
2	6.674979	54.95	PK2	35.7	0	-43	47.65	-	-	-	-	34	262	H
6	7.207703	43.44	MAv1	35.6	0	-44.36	34.68	-	-	-	-	306	365	V
6	7.207727	55.22	PK2	35.6	0.11	-44.35	46.58	-	-	-	-	306	365	V
3	10.11579	44.92	MAv1	37.8	0.11	-43	39.83	-	-	-	-	360	204	H
3	10.11631	56.22	PK2	37.8	0	-43.03	50.99	-	-	-	-	360	204	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

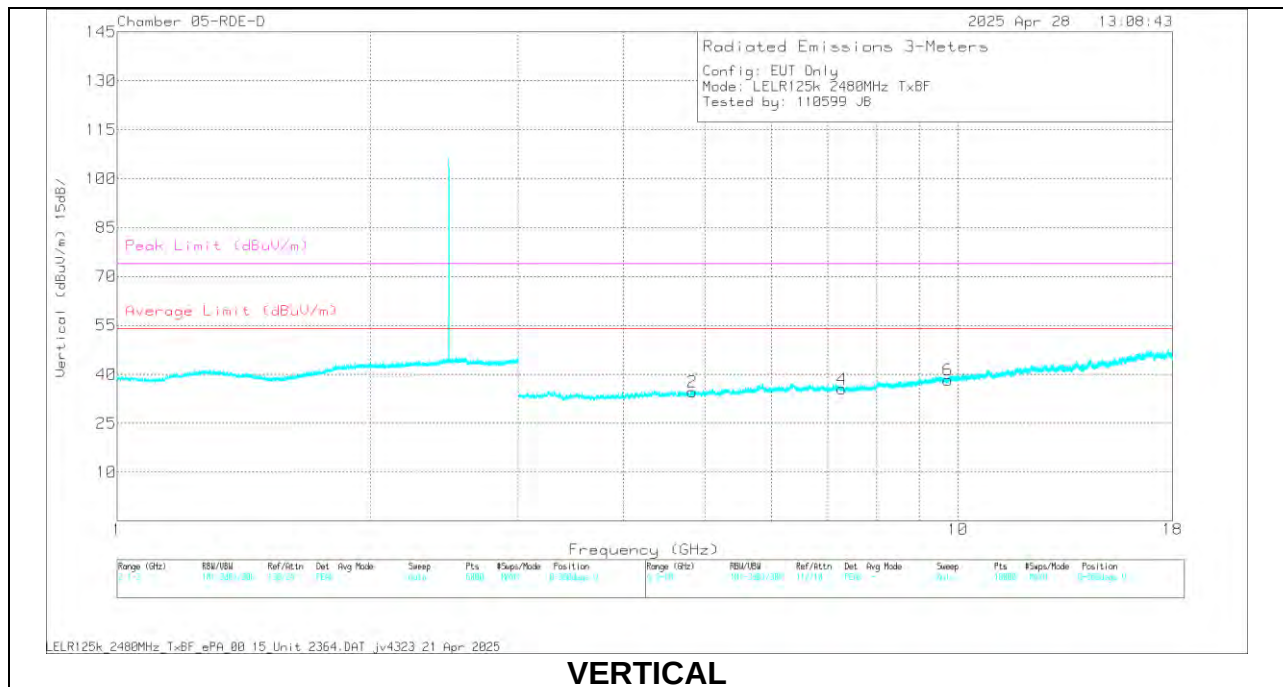
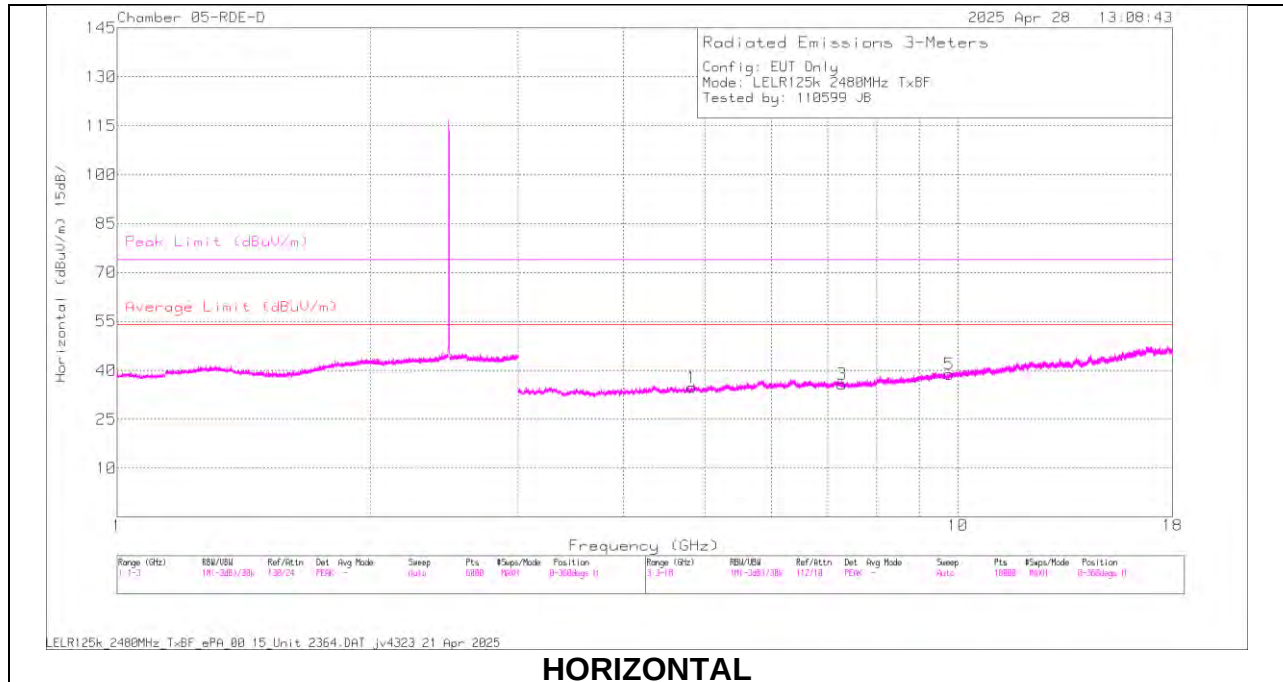
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81887 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*4.900028	58.83	PK2	34.2	0	-48.4	44.63	-	-	74	-29.37	45	192	V
2	*4.900231	47.5	MAv1	34.2	.11	-48.4	33.41	54	-20.59	-	-	45	192	V
1	*4.902311	47.32	MAv1	34.2	.11	-48.3	33.33	54	-20.67	-	-	29	233	H
1	*4.902356	58.94	PK2	34.2	0	-48.3	44.84	-	-	74	-29.16	29	233	H
4	*7.31997	58.55	PK2	35.6	0	-47.19	46.96	-	-	74	-27.04	54	110	V
4	*7.320707	47.71	MAv1	35.6	.11	-47.15	36.27	54	-17.73	-	-	54	110	V
3	9.675088	46.58	MAv1	36.6	.11	-46.18	37.11	-	-	-	-	66	337	V
3	9.675523	57.99	PK2	36.6	0	-46.16	48.43	-	-	-	-	66	337	V
6	9.706376	58.13	PK2	36.7	0	-46.21	48.62	-	-	-	-	355	248	H
	9.70662	46.16	MAv1	36.7	.11	-46.22	36.75	-	-	-	-	355	248	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



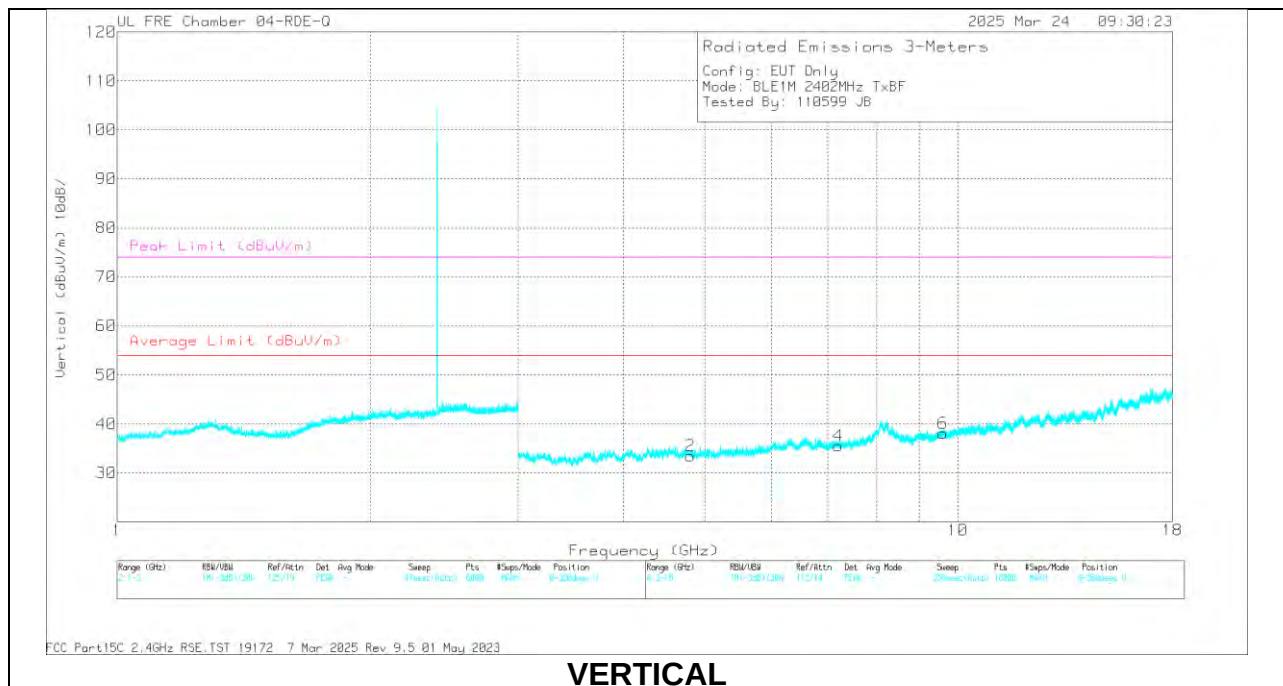
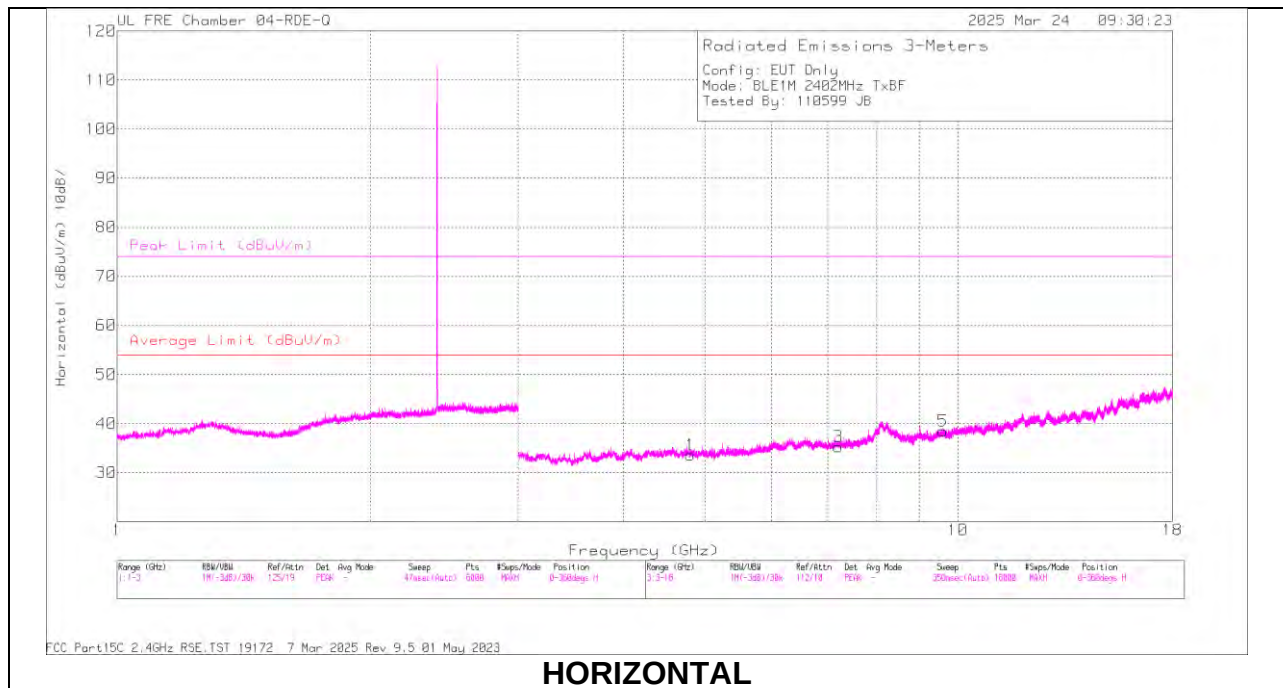
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	8187 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	*4.826554	59.75	PK2	34.2	0	-48.94	45.01	-	-	74	-28.99	250	254	H
1	*4.830307	48.02	MAv1	34.2	.11	-48.93	33.4	54	-20.6	-	-	250	254	H
2	*4.832988	47.82	MAv1	34.2	.11	-48.92	33.21	54	-20.79	-	-	28	120	V
2	*4.834326	59.47	PK2	34.2	0	-48.89	44.78	-	-	74	-29.22	28	120	V
4	*7.274624	57.63	PK2	35.6	0	-47	46.23	-	-	74	-27.77	119	101	V
4	*7.275287	46.05	MAv1	35.6	.11	-47.01	34.75	54	-19.25	-	-	119	101	V
3	*7.276998	46.07	MAv1	35.6	.11	-46.98	34.8	54	-19.2	-	-	337	345	H
3	*7.277974	57.33	PK2	35.6	0	-47.03	45.9	-	-	74	-28.1	337	345	H
6	9.743692	46.08	MAv1	36.7	.11	-45.94	36.95	-	-	-	-	167	339	V
6	9.743702	57.65	PK2	36.7	0	-45.94	48.41	-	-	-	-	167	339	V
5	9.762311	46.89	MAv1	36.8	.11	-46.35	37.45	-	-	-	-	33	129	H
5	9.764709	58.58	PK2	36.8	0	-46.4	48.98	-	-	-	-	33	129	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

1Mbps**LOW CHANNEL RESULTS**

Radiated Emissions

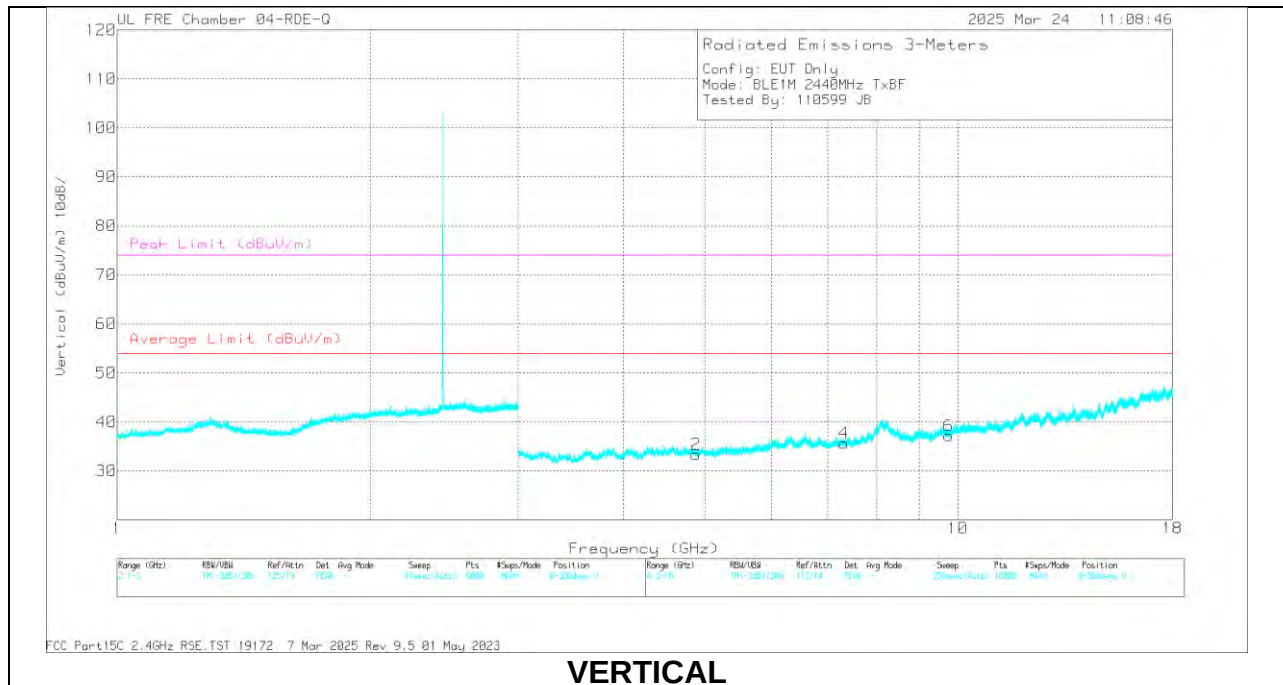
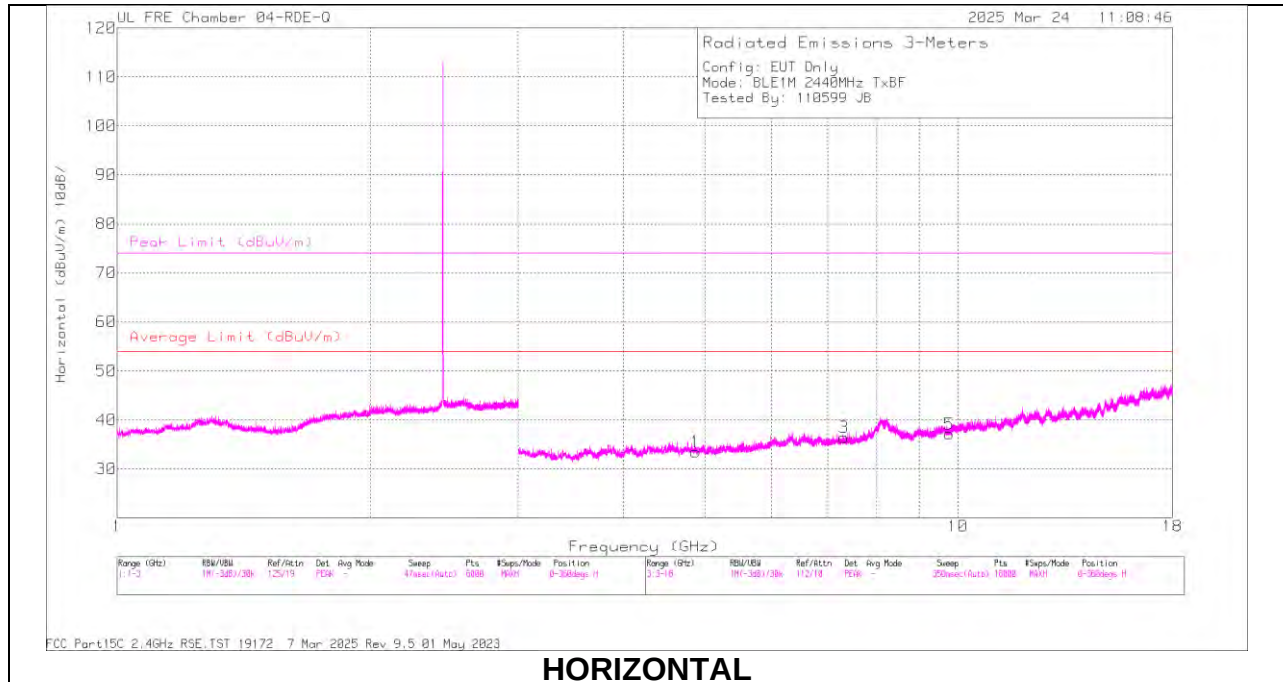
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	22741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.808301	56.76	PK2	34.3	0	-46.47	44.59	-	-	74	-29.41	36	377	H
	*4.810398	45.22	MAv1	34.3	0.72	-46.43	33.81	54	-20.19	-	-	36	377	H
2	*4.807299	56.58	PK2	34.3	0	-46.45	44.43	-	-	74	-29.57	131	126	V
	*4.804254	44.84	MAv1	34.3	0.72	-46.45	33.41	54	-20.59	-	-	131	126	V
3	7.208329	55.39	PK2	35.6	0	-44.6	46.39	-	-	-	-	89	259	H
	7.207204	43.75	MAv1	35.6	0.72	-44.62	35.45	-	-	-	-	89	259	H
4	7.207764	55.32	PK2	35.6	0	-44.61	46.31	-	-	-	-	191	199	V
	7.206775	43.62	MAv1	35.6	0.72	-44.63	35.31	-	-	-	-	191	199	V
5	9.607172	55.7	PK2	36.8	0	-43.82	48.68	-	-	-	-	16	335	H
	9.607421	44.39	MAv1	36.8	0.72	-43.82	38.09	-	-	-	-	16	335	H
6	9.605043	56.54	PK2	36.8	0	-43.8	49.54	-	-	-	-	313	228	V
	9.605652	44.09	MAv1	36.8	0.72	-43.81	37.8	-	-	-	-	313	228	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

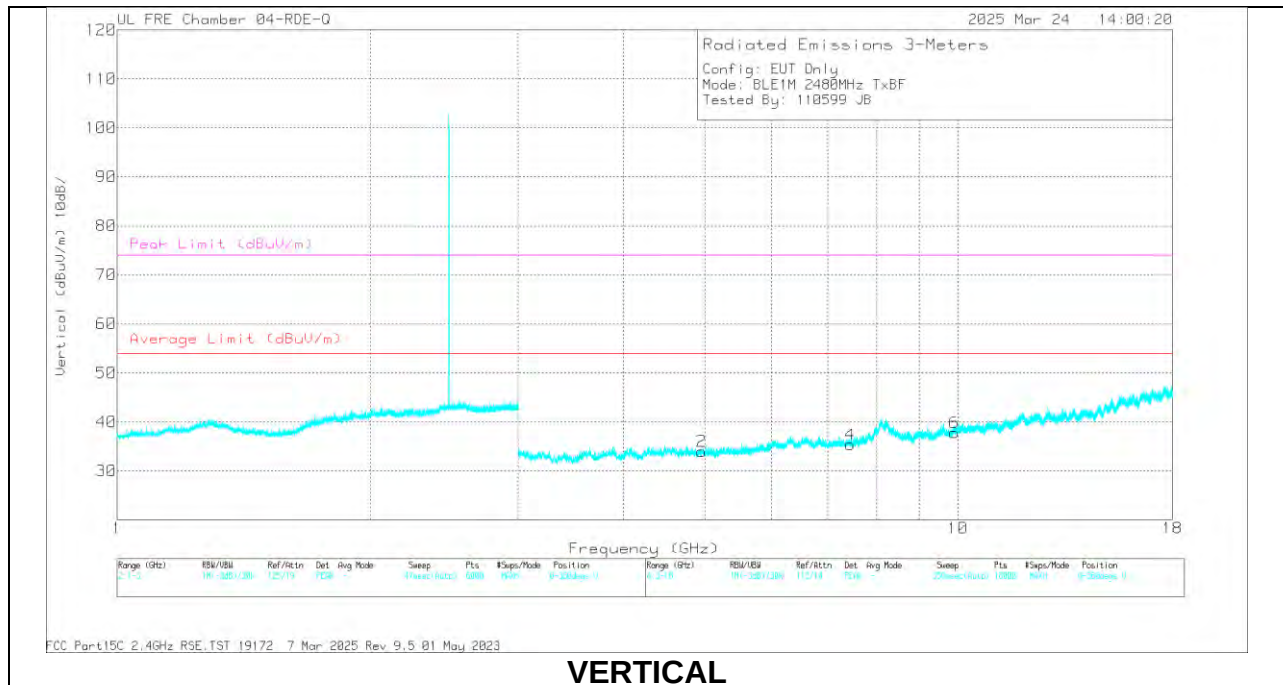
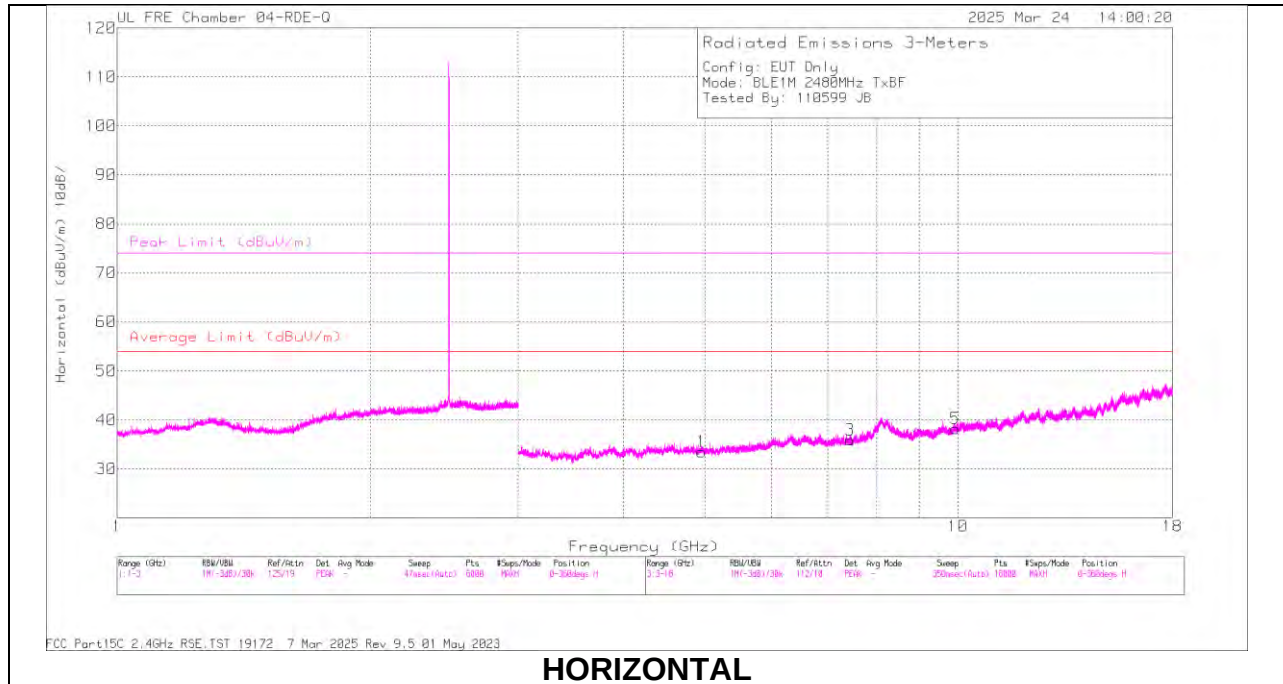
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.876485	57.4	PK2	34.2	0	-46.33	45.27	-	-	74	-28.73	6	377	H
	*4.873437	45.11	MAv1	34.2	.72	-46.36	33.66	54	-20.4	-	-	6	377	H
2	*4.881627	56.69	PK2	34.2	0	-46.28	44.61	-	-	74	-29.39	266	325	V
	*4.88166	45.05	MAv1	34.2	.72	-46.28	33.68	54	-20.32	-	-	266	325	V
3	7.318679	55.86	PK2	35.6	0	-44.58	46.88	-	-	-	-	111	326	H
	7.31726	43.8	MAv1	35.6	.72	-44.61	35.5	-	-	-	-	111	326	H
4	7.328166	55.19	PK2	35.6	0	-44.56	46.23	-	-	-	-	50	331	V
	7.325498	43.8	MAv1	35.6	.72	-44.56	35.55	-	-	-	-	50	331	V
5	9.757429	55.05	PK2	37	0	-43.88	48.17	-	-	-	-	60	260	H
	9.75904	43.69	MAv1	37	.72	-43.86	37.54	-	-	-	-	60	260	H
6	9.748921	55.48	PK2	37	0	-43.83	48.65	-	-	-	-	239	336	V
	9.750217	43.87	MAv1	37	.72	-43.84	37.74	-	-	-	-	239	336	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



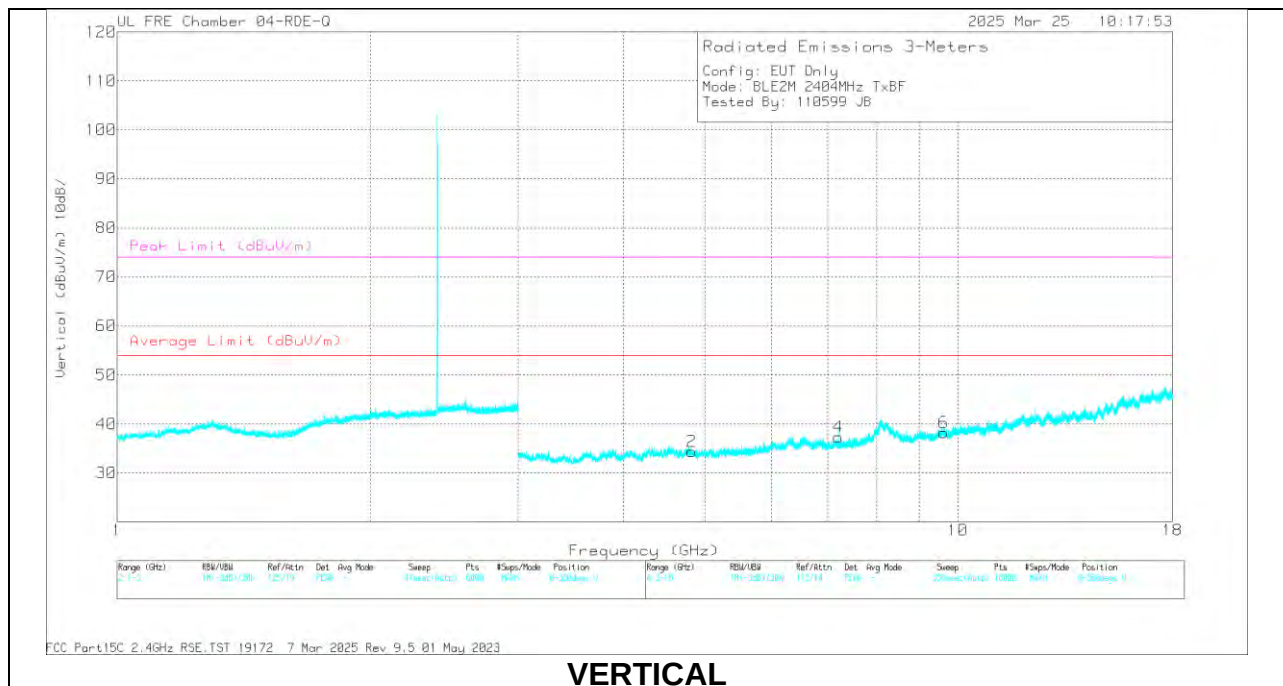
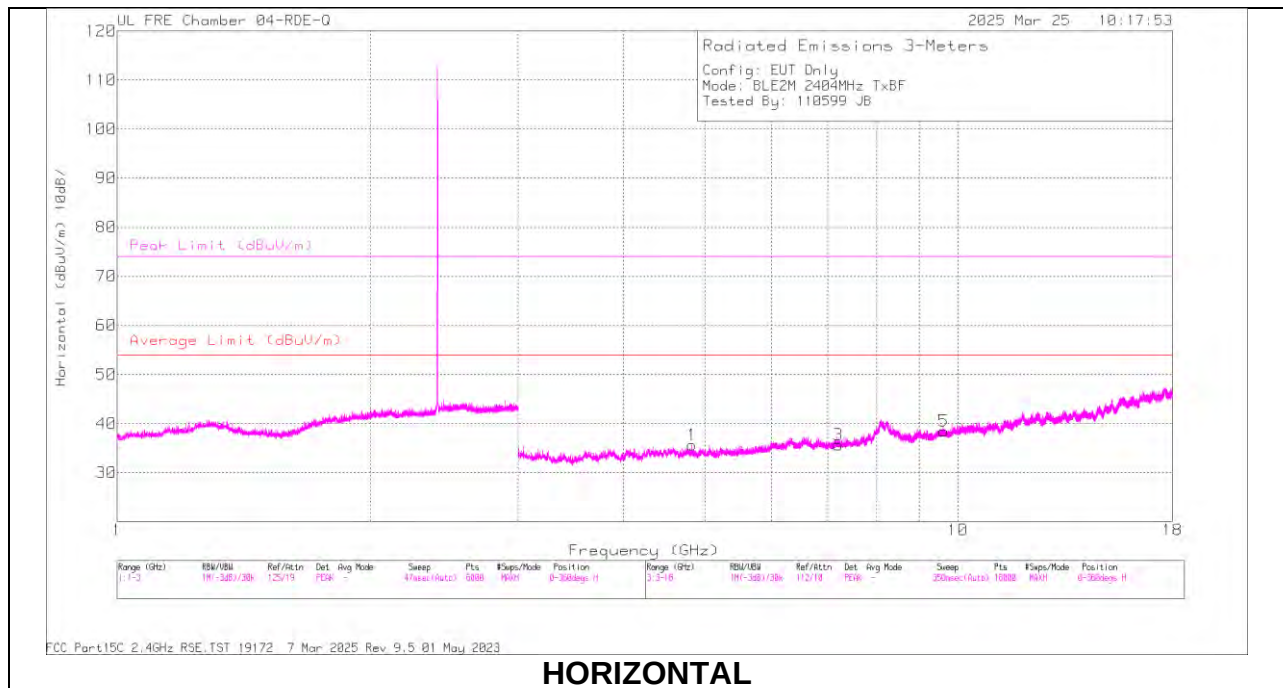
Radiated Emissions

Marker	Frequency (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	*4.961561	56.53	PK2	34.3	0	-46.31	44.52	-	-	74	-29.48	355	350	H
	*4.963439	45.08	MAv1	34.3	.72	-46.37	33.72	54	-20.28	-	-	355	350	H
2	*4.962519	56.34	PK2	34.3	0	-46.33	44.31	-	-	74	-29.69	33	256	V
	*4.959551	44.79	MAv1	34.4	.72	-46.33	33.57	54	-20.43	-	-	33	256	V
3	*7.440931	55.86	PK2	35.6	0	-44.59	46.87	-	-	74	-27.13	46	359	H
	*7.439516	44.1	MAv1	35.6	.72	-44.55	35.86	54	-18.14	-	-	46	359	H
4	*7.448513	55.13	PK2	35.6	0	-44.57	46.16	-	-	74	-27.84	331	311	V
	*7.449568	43.78	MAv1	35.6	.72	-44.56	35.53	54	-18.47	-	-	331	311	V
5	9.932294	55.68	PK2	37.2	0	-43.86	49.02	-	-	-	-	251	202	H
	9.931474	43.65	MAv1	37.2	.72	-43.84	37.72	-	-	-	-	251	202	H
6	9.906625	55.11	PK2	37.2	0	-43.98	48.33	-	-	-	-	80	111	V
	9.906211	43.73	MAv1	37.2	.72	-43.97	37.67	-	-	-	-	80	111	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

2Mbps**LOW CHANNEL RESULTS**

Radiated Emissions

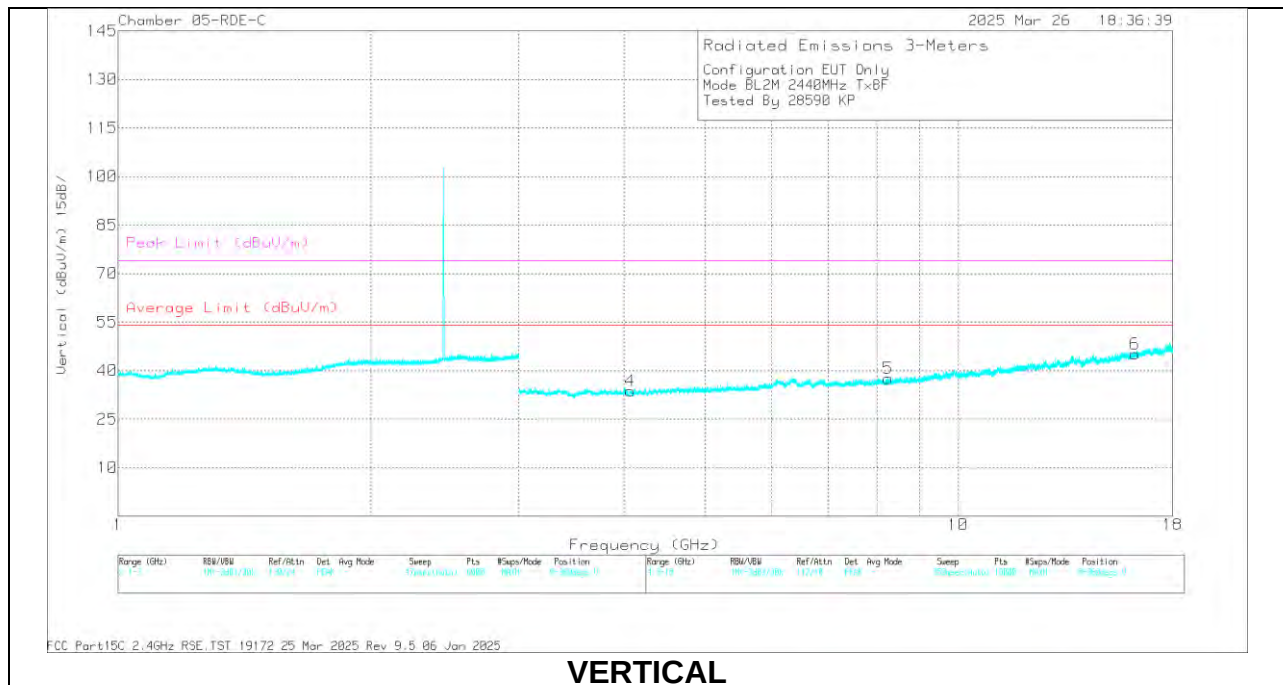
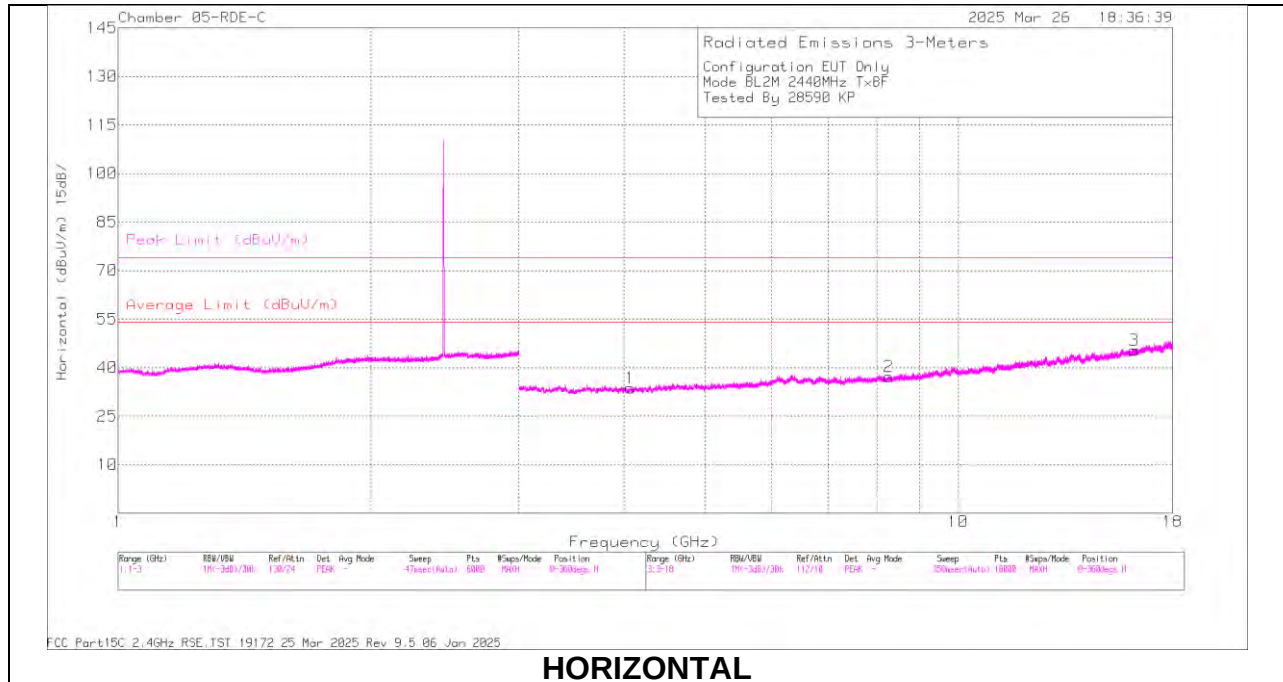
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*4.820525	45.21	MAv1	34.3	2.46	-46.39	35.58	54	-18.42	-	-	310	206	V
2	*4.821192	57.39	PK2	34.3	0	-46.36	45.33	-	-	74	-28.67	310	206	V
1	*4.825662	45.14	MAv1	34.3	2.46	-46.38	35.52	54	-18.48	-	-	304	112	H
1	*4.828497	56.71	PK2	34.3	0	-46.37	44.64	-	-	74	-29.36	304	112	H
3	7.212114	55.41	PK2	35.6	0	-44.56	46.45	-	-	-	-	210	375	H
3	7.212617	43.79	MAv1	35.6	2.46	-44.58	37.27	-	-	-	-	210	375	H
4	7.213133	55.4	PK2	35.6	0	-44.59	46.41	-	-	-	-	347	219	V
4	7.213852	43.87	MAv1	35.6	2.46	-44.61	37.32	-	-	-	-	347	219	V
5	9.613608	56.65	PK2	36.8	0	-43.68	49.77	-	-	-	-	142	107	V
5	9.614924	44.24	MAv1	36.8	2.46	-43.64	39.86	-	-	-	-	142	107	V
6	9.614943	55.88	PK2	36.8	0	-43.64	49.04	-	-	-	-	286	309	H
6	9.616772	44.34	MAv1	36.8	2.46	-43.6	40	-	-	-	-	286	309	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

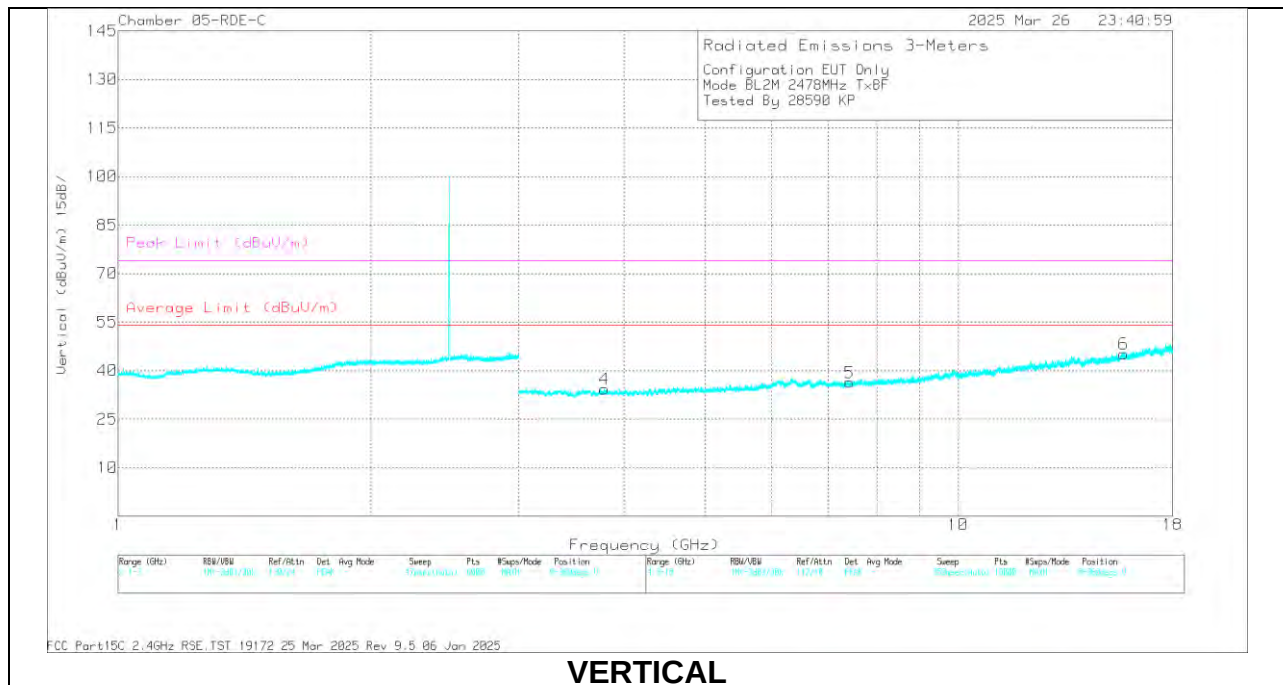
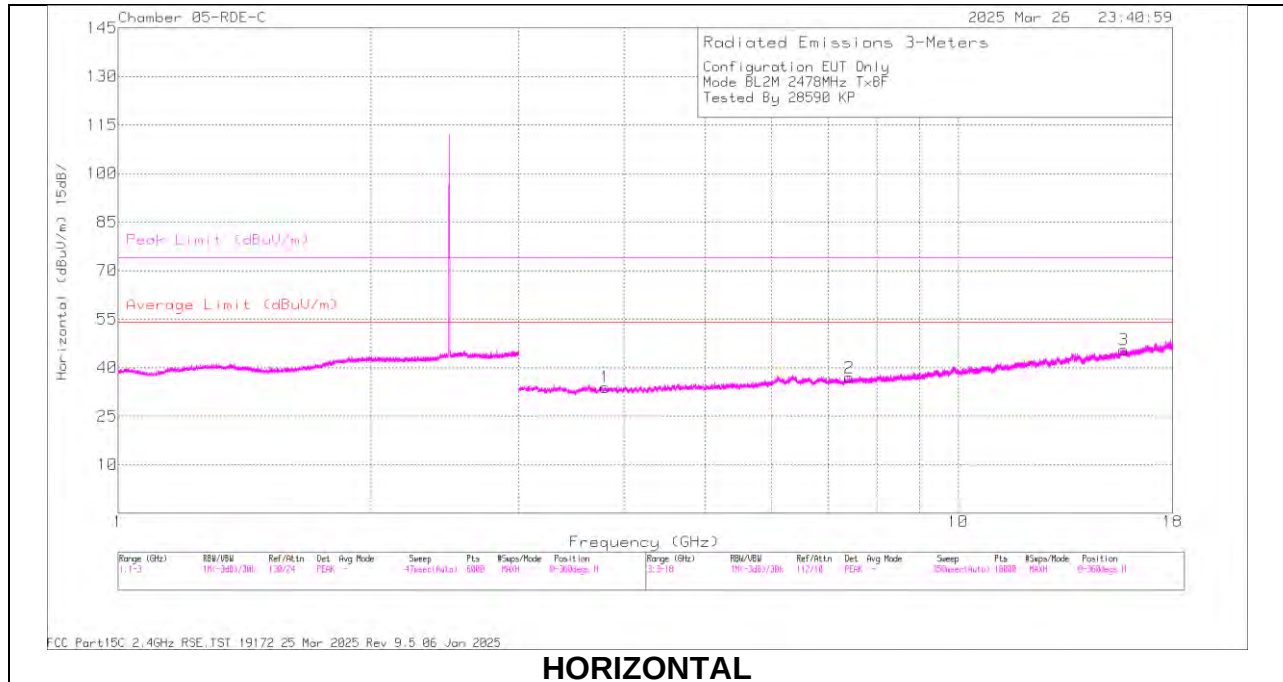
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230300 ACF (dB/m)	DCCF (dB)	GainLoss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.067178	58.67	PK2	33.4	0	-47.92	44.15	-	-	74	-29.85	1	101	H
1	* 4.076787	46.44	MAV1	33.4	2.46	-47.98	34.32	54	-19.68	-	-	1	101	H
2	* 8.28049	57.95	PK2	35.8	0	-46.4	47.35	-	-	74	-26.65	1	101	H
2	* 8.263957	46.31	MAV1	35.8	2.46	-46.4	38.17	54	-15.83	-	-	1	101	H
3	* 15.925521	58.32	PK2	40.7	0	-44.85	54.17	-	-	74	-19.83	1	101	H
3	* 15.961729	47.16	MAV1	40.7	2.46	-45.2	45.12	54	-8.88	-	-	1	101	H
4	* 4.071396	58.11	PK2	33.4	0	-47.96	43.55	-	-	74	-30.45	1	101	V
4	* 4.07924	46.59	MAV1	33.4	2.46	-47.9	34.55	54	-19.45	-	-	1	101	V
5	* 8.25809	58.14	PK2	35.8	0	-46.5	47.44	-	-	74	-26.56	1	101	V
5	* 8.262223	46.07	MAV1	35.8	2.46	-46.4	37.93	54	-16.07	-	-	1	101	V
6	16.20915	58.94	PK2	40.7	0	-45.09	54.55	-	-	-	-	1	101	V
6	16.246558	47.09	MAV1	40.7	2.46	-45.4	44.85	-	-	-	-	1	101	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 (GHz)	Meter Reading (dBuV)	Det	Z30300 ACF (dB/m)	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	* 3.797656	58.65	PK2	33.4	0	-48	44.05	-	-	74	-29.95	0	101	H
1	* 3.799389	46.78	MAV1	33.4	2.46	-47.96	34.68	54	-19.32	-	-	0	101	H
2	* 7.437259	58.22	PK2	35.7	0	-47.33	46.59	-	-	74	-27.41	0	101	H
2	* 7.438192	46.31	MAV1	35.7	2.46	-47.38	37.09	54	-16.91	-	-	0	101	H
3	* 15.750486	58.36	PK2	40.6	0	-44.9	54.06	-	-	74	-19.94	0	101	H
3	* 15.72054	46.43	MAV1	40.5	2.46	-44.85	44.54	54	-9.46	-	-	0	101	H
4	* 3.790729	58.69	PK2	33.4	0	-48	44.09	-	-	74	-29.91	0	101	V
4	* 3.796853	46.68	MAV1	33.4	2.46	-47.99	34.55	54	-19.45	-	-	0	101	V
5	* 7.421224	58.31	PK2	35.6	0	-47.12	46.79	-	-	74	-27.21	0	101	V
5	* 7.446797	46.43	MAV1	35.7	2.46	-47.5	37.09	54	-16.91	-	-	0	101	V
6	* 15.742397	59.03	PK2	40.6	0	-44.88	54.75	-	-	74	-19.25	0	101	V
6	* 15.746193	46.3	MAV1	40.6	2.46	-44.9	44.46	54	-9.54	-	-	0	101	V

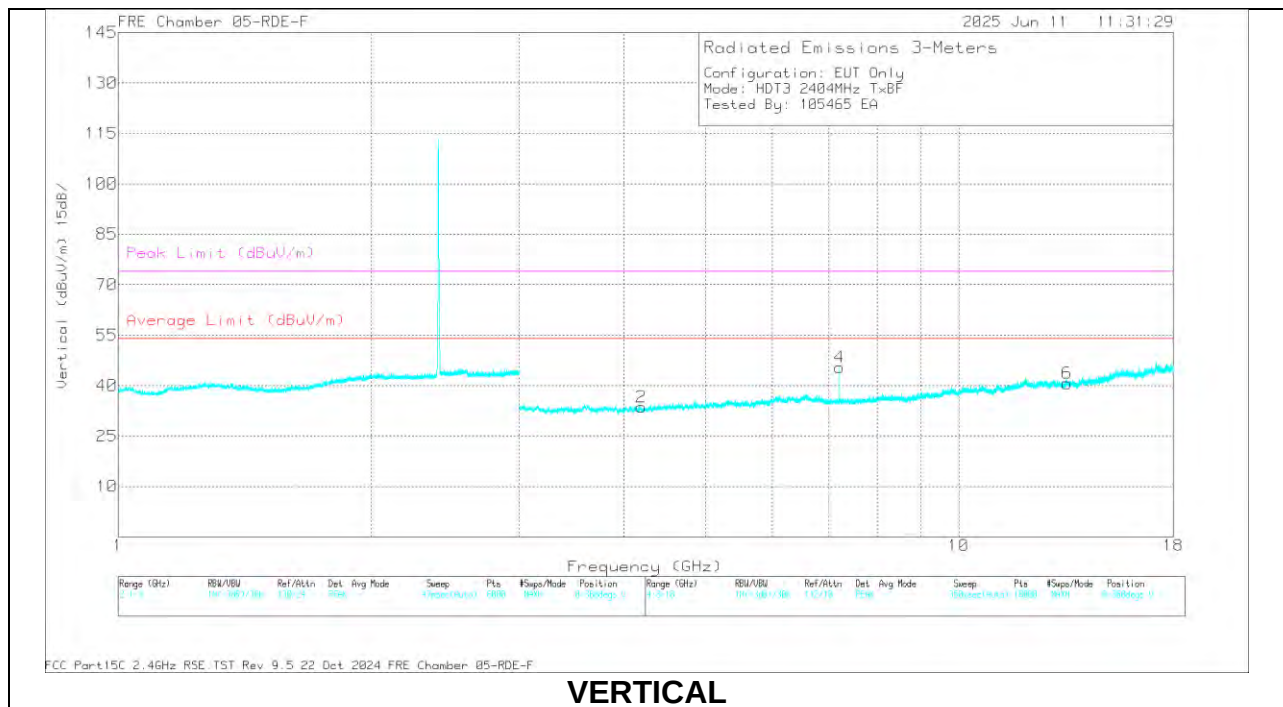
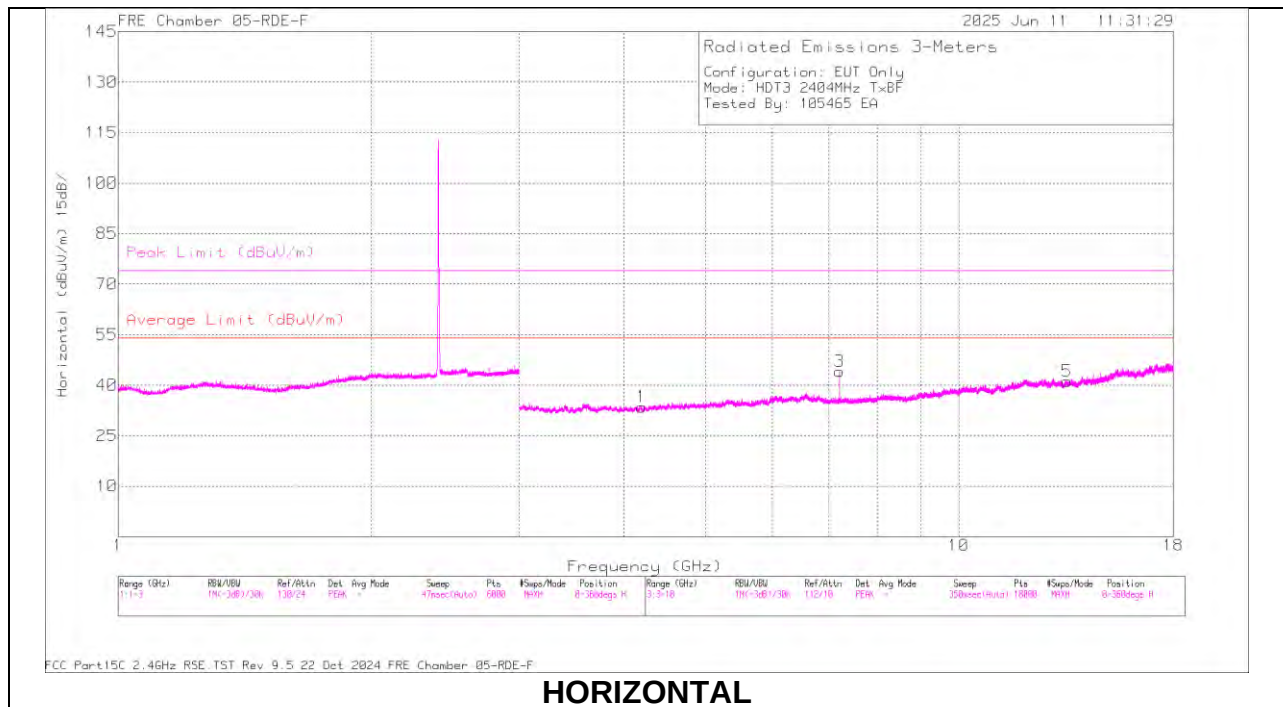
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HDT3

LOW CHANNEL RESULTS



Radiated Emissions

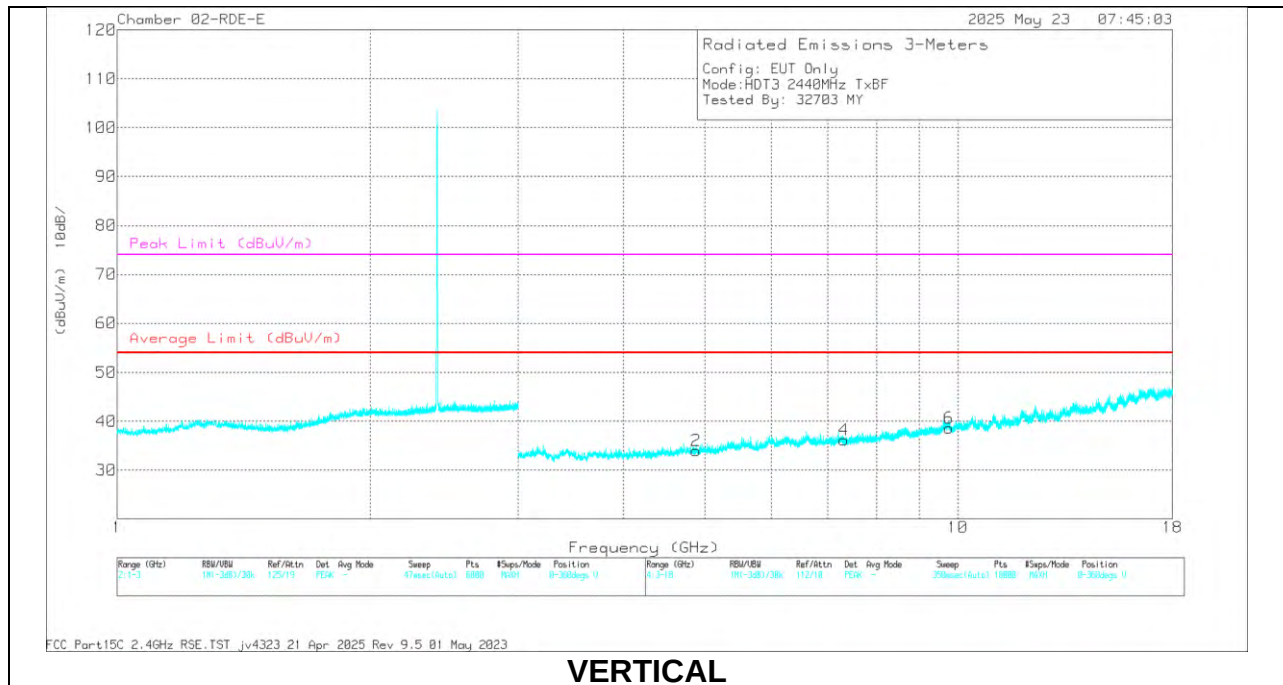
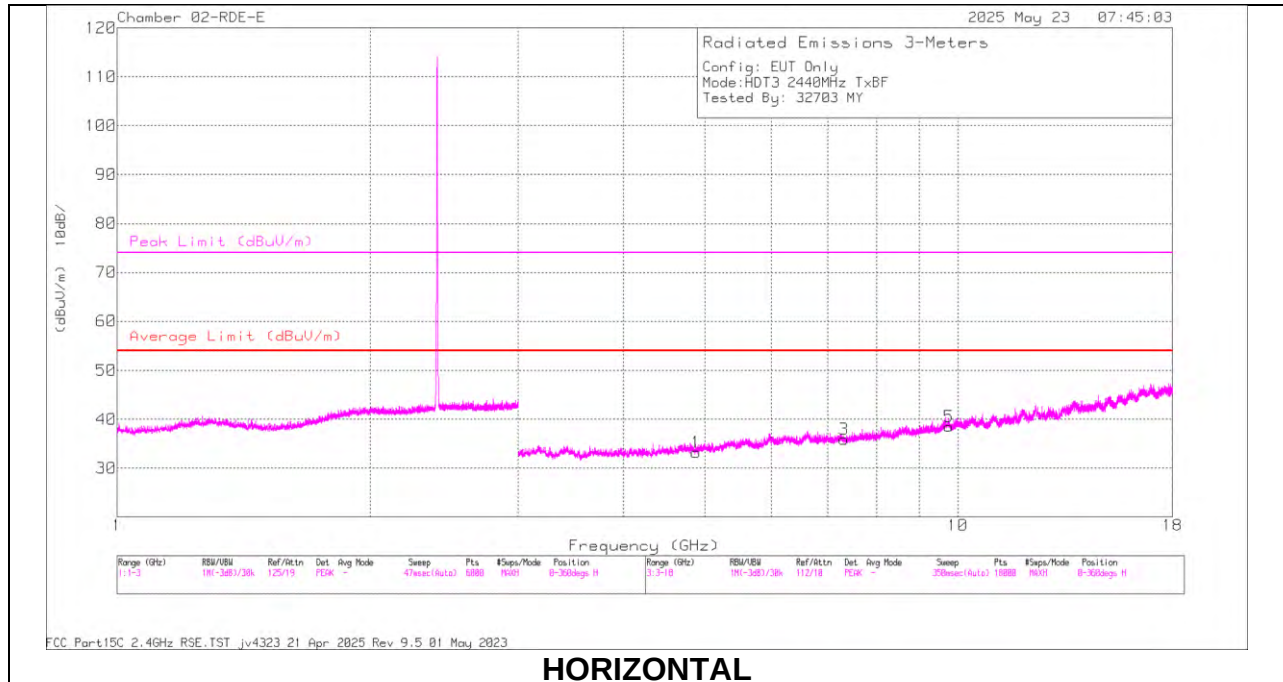
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	230299 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*4.205607	58.13	PK-U	33.6	0	-47.54	44.19	-	-	74	-29.81	48	208	H
1	*4.179158	46.15	ADR	33.6	.22	-47.63	32.34	54	-21.66	-	-	48	208	H
3	7.212983	62.13	PK-U	35.7	0	-46.3	51.53	-	-	-	-	27	101	H
3	7.211351	53.72	ADR	35.7	.22	-46.23	43.42	-	-	-	-	27	101	H
5	13.459754	55.13	PK-U	39	0	-43.19	50.94	-	-	-	-	68	119	H
5	13.453203	42.7	ADR	39	.22	-43.32	38.61	-	-	-	-	68	119	H
2	*4.18919	57.91	PK-U	33.6	0	-47.66	43.85	-	-	74	-30.15	341	378	V
2	*4.187506	46.17	ADR	33.6	.22	-47.63	32.36	54	-21.64	-	-	341	378	V
4	7.212824	62.52	PK-U	35.7	0	-46.29	51.93	-	-	-	-	208	140	V
4	7.212459	53.97	ADR	35.7	.22	-46.28	43.62	-	-	-	-	208	140	V
6	13.46091	55.26	PK-U	39	0	-43.17	51.09	-	-	-	-	185	282	V
6	13.473826	43.56	ADR	39	.22	-43.33	39.46	-	-	-	-	185	282	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

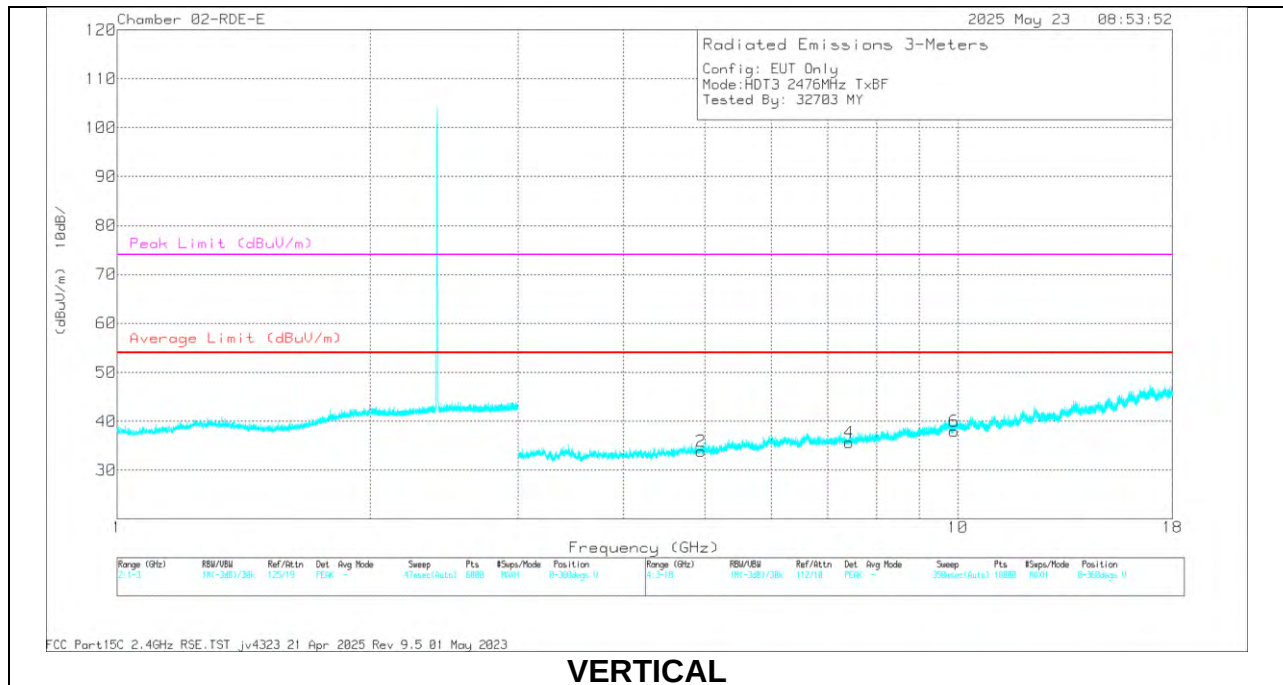
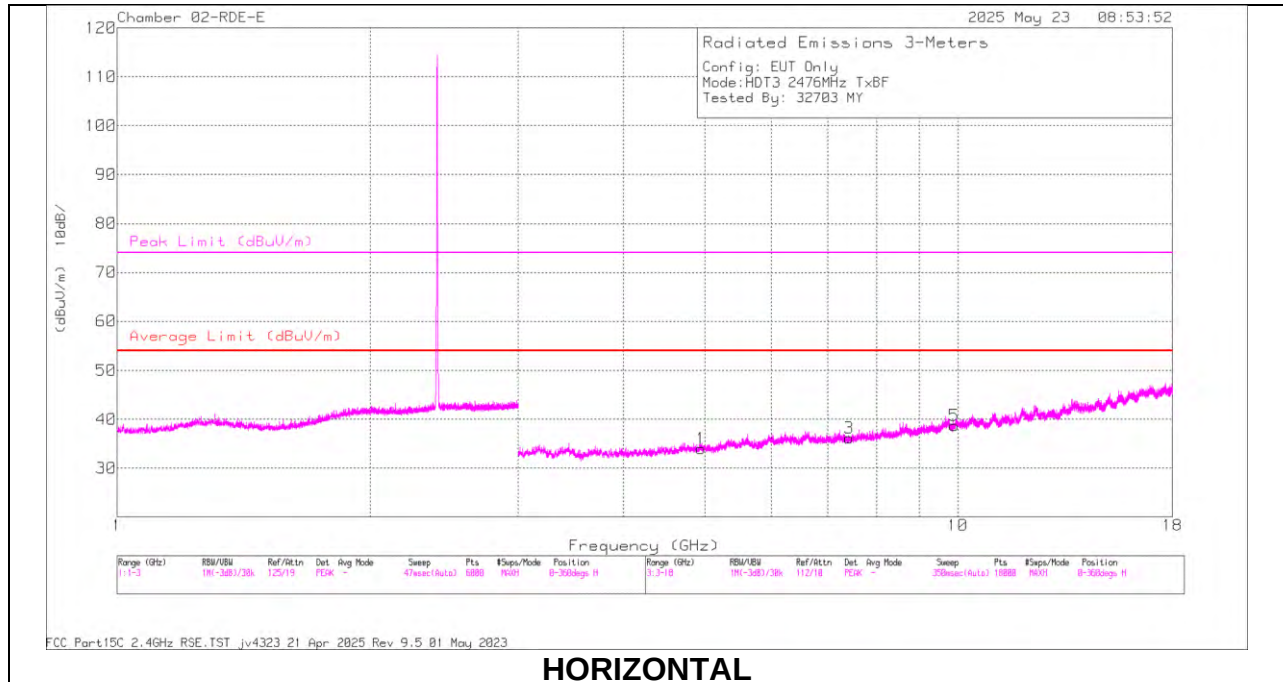
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	84796 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.883433	57.31	PK2	34.4	0	-47.4	44.31	-	-	74	-29.69	273	199	H
1	* 4.883064	46.09	MAv1	34.4	0.22	-47.4	33.31	54	-20.69	-	-	273	199	H
3	* 7.318903	56.27	PK2	35.6	0	-45.53	46.34	-	-	74	-27.66	321	283	H
3	* 7.320161	44.78	MAv1	35.6	0.22	-45.51	35.09	54	-18.91	-	-	321	283	H
2	* 4.88025	57.51	PK2	34.4	0	-47.43	44.48	-	-	74	-29.52	286	275	V
2	* 4.883931	45.97	MAv1	34.4	0.22	-47.39	33.2	54	-20.8	-	-	286	275	V
4	* 7.320949	57	PK2	35.6	0	-45.48	47.12	-	-	74	-26.88	102	175	V
4	* 7.32199	45.02	MAv1	35.6	0.22	-45.48	35.36	54	-18.64	-	-	102	175	V
5	9.759217	57.02	PK2	37	0	-44.97	49.05	-	-	-	-	329	364	V
5	9.760884	45.44	MAv1	37	0.22	-44.97	37.69	-	-	-	-	329	364	V
6	9.76302	45.65	MAv1	37	0.22	-44.93	37.94	-	-	-	-	126	213	H
6	9.764893	56.71	PK2	37	0	-44.87	48.84	-	-	-	-	126	213	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	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	* 4.950246	57.94	PK2	34.4	0	-47.69	44.65	-	-	74	-29.35	185	331	H
1	* 4.951366	46.62	MAv1	34.4	0.22	-47.7	33.54	54	-20.46	-	-	185	331	H
3	* 7.428141	56.76	PK2	35.7	0	-46.06	46.4	-	-	74	-27.6	177	215	H
3	* 7.427546	45.21	MAv1	35.7	0.22	-46.09	35.04	54	-18.96	-	-	177	215	H
2	* 4.952439	57.98	PK2	34.4	0	-47.71	44.67	-	-	74	-29.33	316	134	V
2	* 4.951271	46.4	MAv1	34.4	0.22	-47.7	33.32	54	-20.68	-	-	316	134	V
4	* 7.42539	57.04	PK2	35.7	0	-46.15	46.59	-	-	74	-27.41	225	188	V
4	* 7.42449	45.3	MAv1	35.7	0.22	-46.17	35.05	54	-18.95	-	-	225	188	V
5	9.906297	58.42	PK2	37.1	0	-45.97	49.55	-	-	-	-	331	387	V
5	9.9082	58.11	PK2	37.1	0	-46.05	49.16	-	-	-	-	16	285	H
6	9.90843	46.33	MAv1	37.1	0.22	-46.06	37.59	-	-	-	-	16	285	H
6	9.908509	46.32	MAv1	37.1	0.22	-46.06	37.58	-	-	-	-	331	387	V

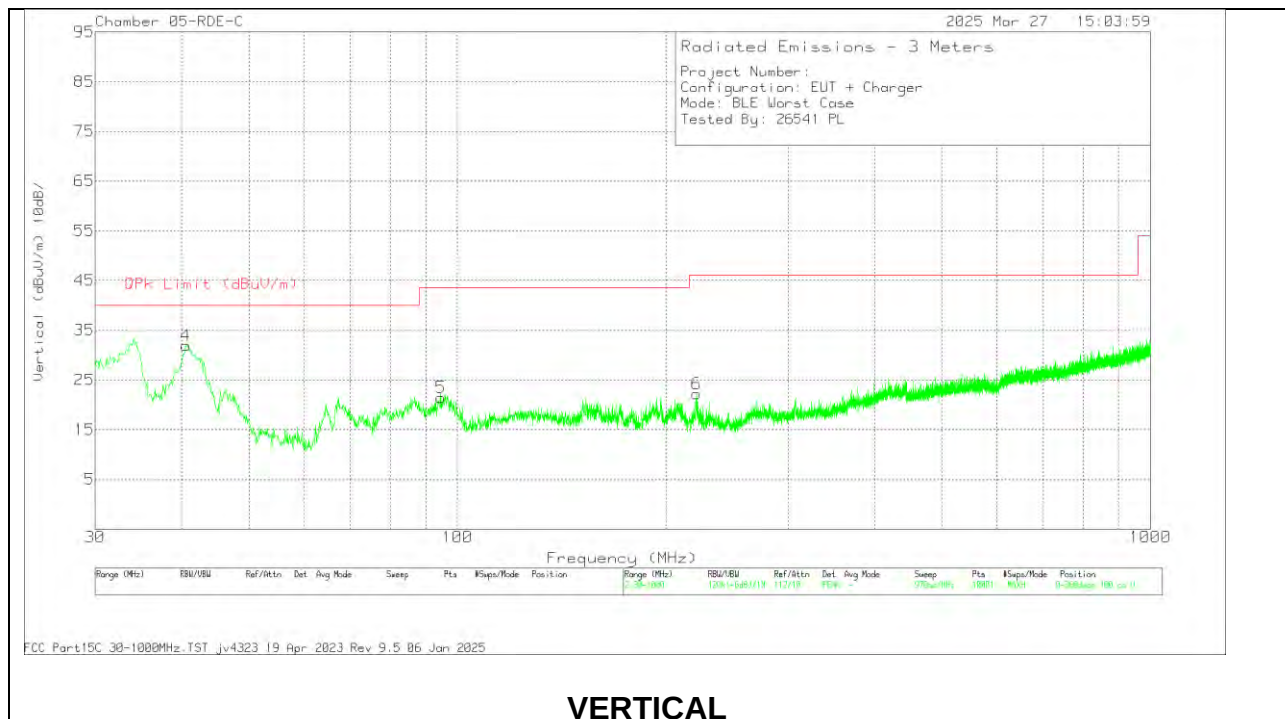
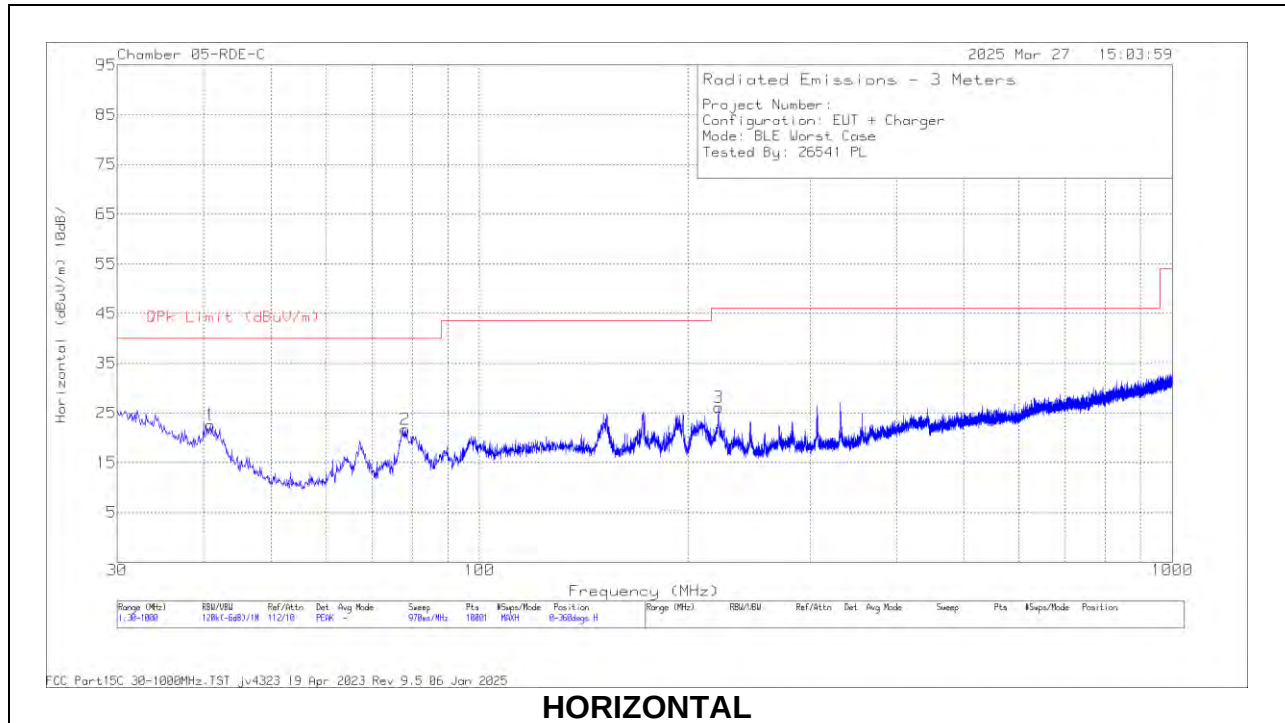
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171863 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	40.7984	40.72	Qp	18.9	-31	28.62	40	-11.38	344	105	V
1	40.8095	28.43	Qp	18.9	-31	16.33	40	-23.67	91	190	H
2	77.909	32.22	Pk	13.8	-30.6	15.42	40	-24.58	289	247	H
5	94.674	32.5	Qp	14.7	-30.6	16.6	43.52	-26.92	302	116	V
3	221.179	33.55	Qp	16.6	-30	20.15	46.02	-25.87	32	186	H
6	221.306	31.58	Qp	16.6	-30	18.18	46.02	-27.84	143	102	V

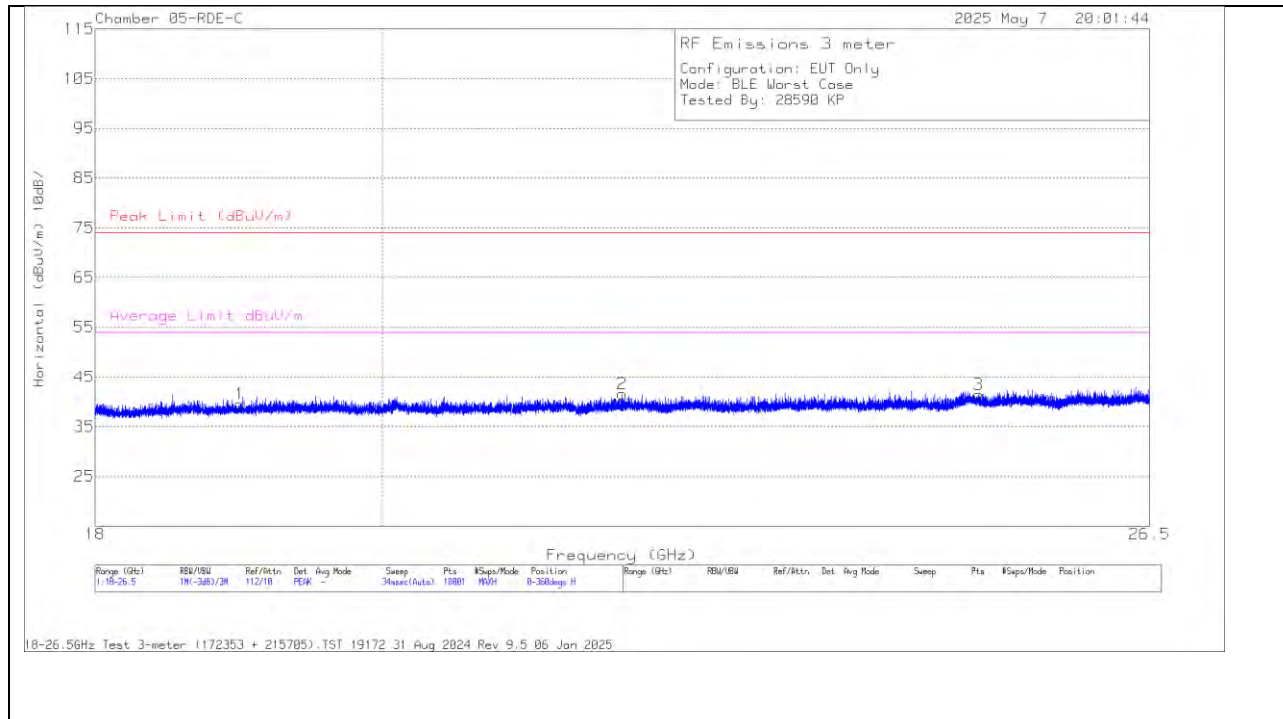
Pk - Peak detector

Qp - Quasi-Peak detector

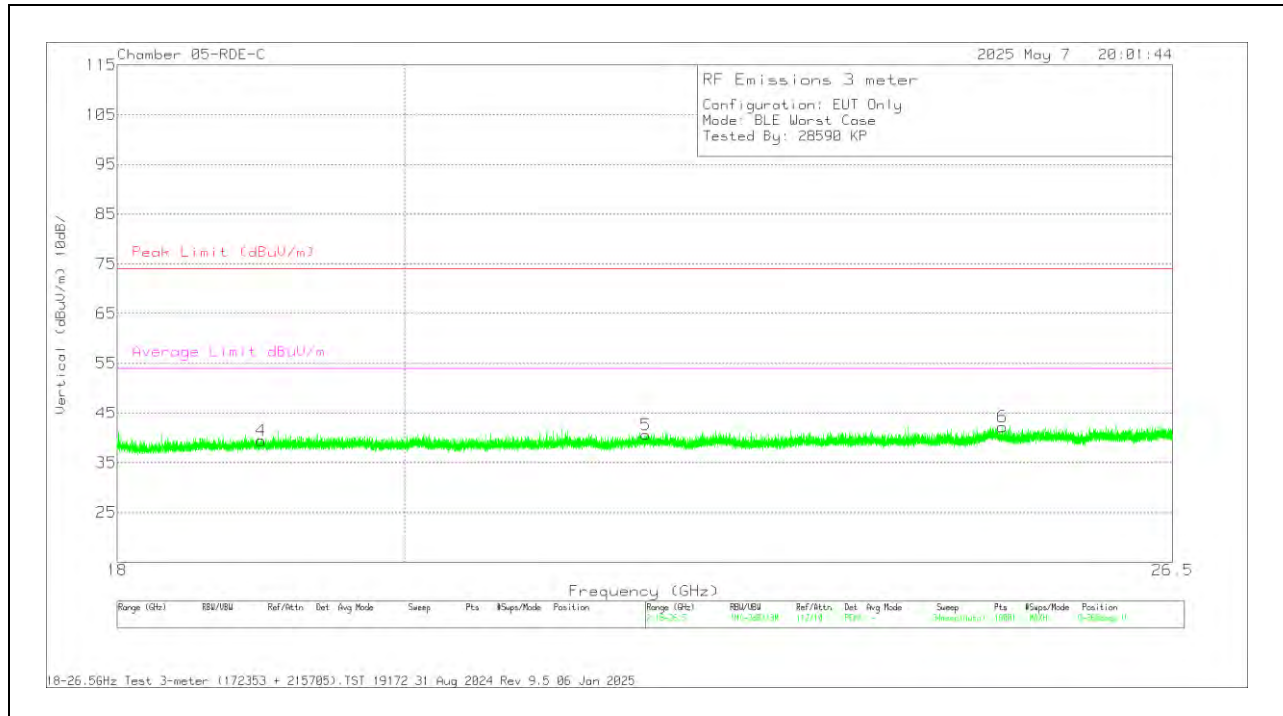
10.4. WORST CASE 18-26 GHz

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

HORIZONTAL



VERTICAL



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172353 ACF (dB/m)	CBL AMP (dB)	CBL AMP (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.986	54.71	Pk	32.4	-61.1	13.6	39.61	74	-34.39	54	-14.39	0-360	101	H
4	* 18.976555	54.52	Pk	32.4	-61.1	13.6	39.42	74	-34.58	54	-14.58	0-360	101	V
2	21.837748	54.98	Pk	33	-61.1	14.7	41.58	-	-	-	-	0-360	101	H
5	21.849554	54.04	Pk	33	-61.1	14.7	40.64	-	-	-	-	0-360	101	V
3	24.889719	53.89	Pk	33.8	-62	15.8	41.49	-	-	-	-	0-360	101	H
6	24.90058	54.61	Pk	33.8	-62	15.8	42.21	-	-	-	-	0-360	200	V

Pk - Peak detector

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.

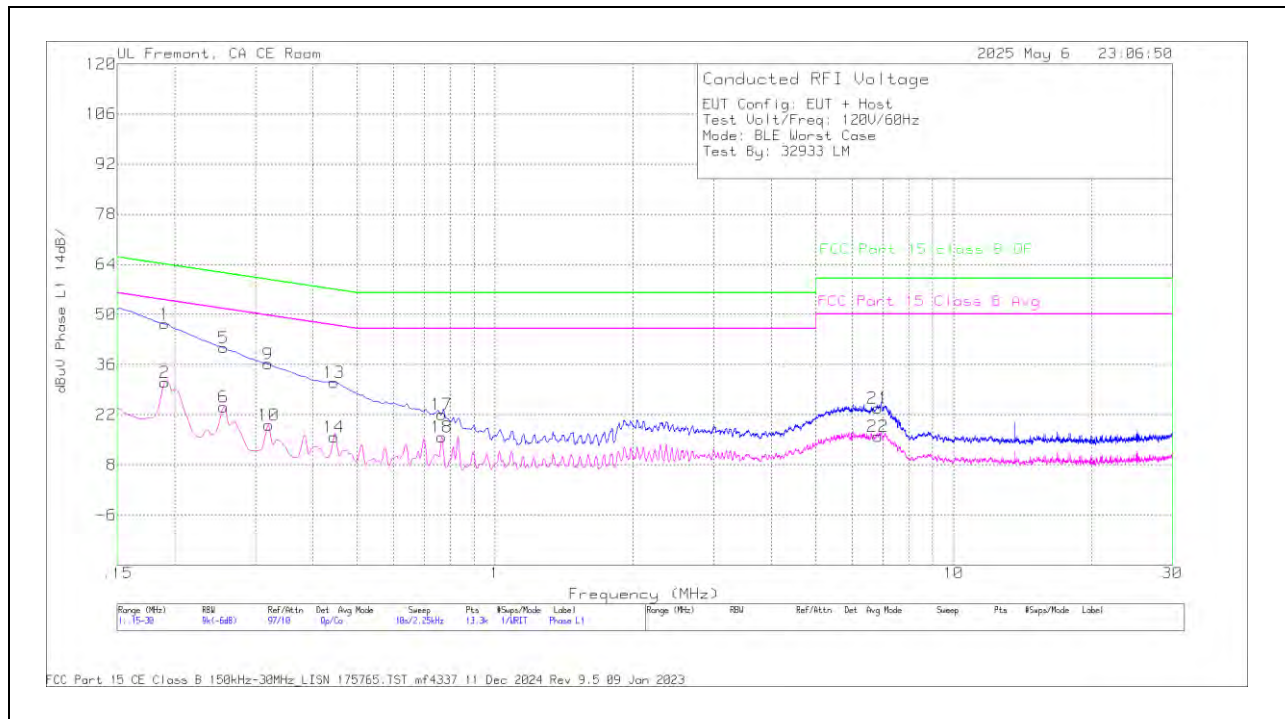
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC Power Line WITH LAPTOP

LINE 1 RESULTS

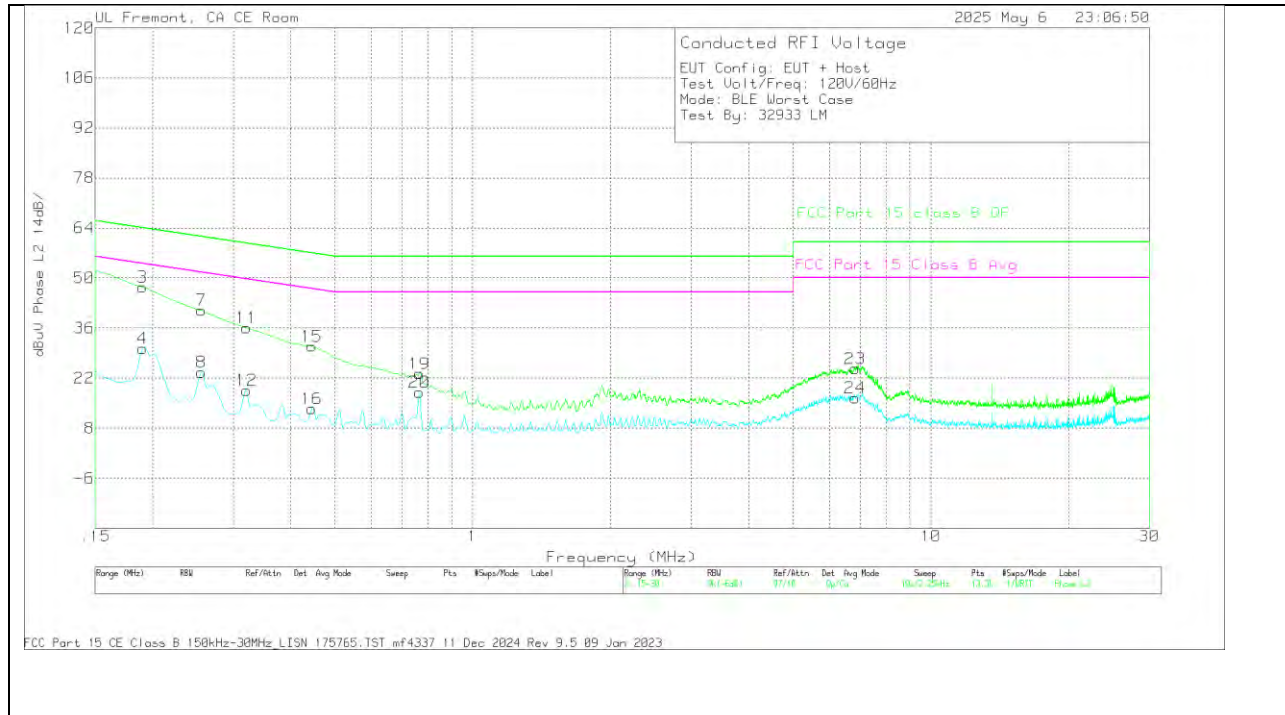


Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C Avg	Margin (dB)	FCC Part 15C QP	Margin (dB)
2	.1905	12.36	Ca	.2	.1	8.4	10	31.06	54.01	-22.95	-	-
6	.2558	6.03	Ca	-.1	0	8.2	10	24.13	51.57	-27.44	-	-
10	.321	1.06	Ca	-.2	0	8.2	10	19.06	49.68	-30.62	-	-
14	.4448	-3.1	Ca	.1	0	8.8	10	15.8	46.97	-31.17	-	-
18	.7643	-2.82	Ca	.1	0	8.4	10	15.68	46	-30.32	-	-
22	6.8348	-2.36	Ca	.2	0	8.1	10	15.94	50	-34.06	-	-
1	.1905	28.66	Qp	.2	.1	8.4	10	47.36	-	-	64.01	-16.65
5	.2558	22.6	Qp	-.1	0	8.2	10	40.7	-	-	61.57	-20.87
9	.3199	18.16	Qp	-.2	0	8.2	10	36.16	-	-	59.71	-23.55
13	.4448	12.09	Qp	.1	0	8.8	10	30.99	-	-	56.97	-25.98
17	.7643	3.49	Qp	.1	0	8.4	10	21.99	-	-	56	-34.01
21	6.8348	5.54	Qp	.2	0	8.1	10	23.84	-	-	60	-36.16

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



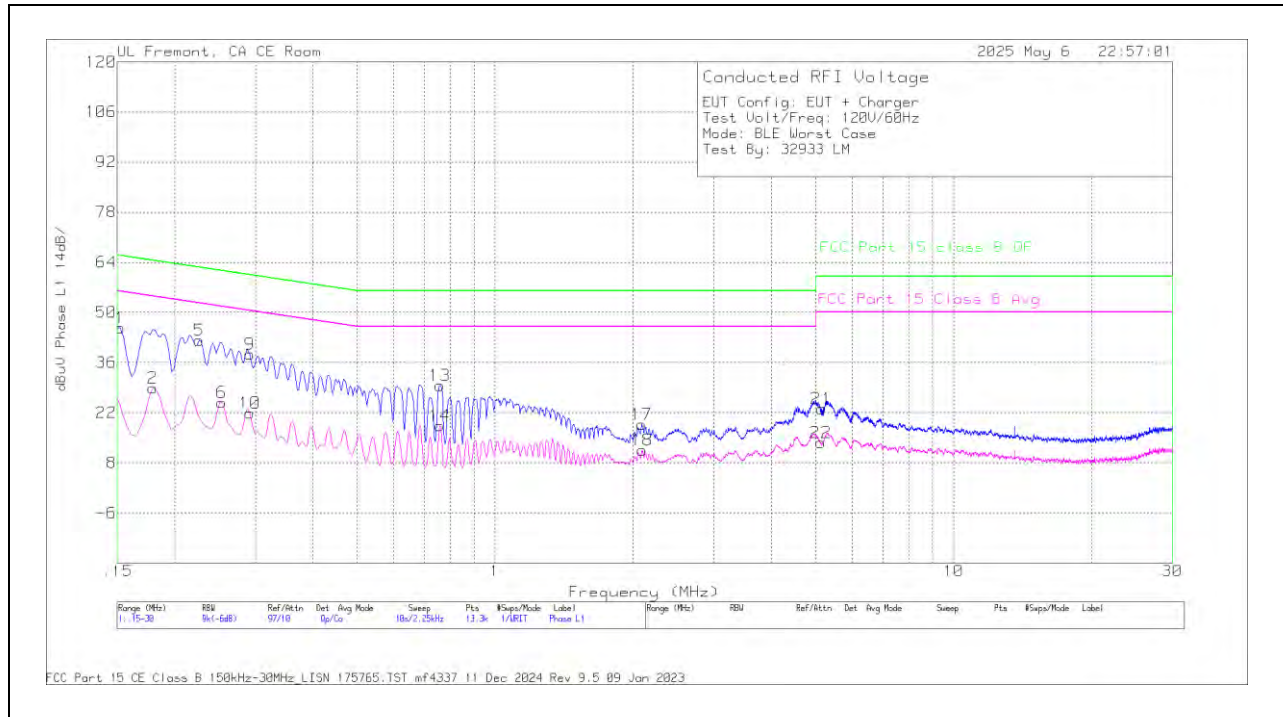
Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C Avg dBuV	Margin (dB)	FCC Part 15C QP dBuV	Margin (dB)
4	.1905	11.68	Ca	.2	0	8.4	10	30.28	54.01	-23.73	-	-
8	.2558	5.46	Ca	-.1	0	8.2	10	23.56	51.57	-28.01	-	-
12	.321	.61	Ca	-.2	0	8.2	10	18.61	49.68	-31.07	-	-
16	.4448	-5.51	Ca	.1	0	8.8	10	13.39	46.97	-33.58	-	-
20	.7643	-.43	Ca	.1	0	8.4	10	18.07	46	-27.93	-	-
24	6.8336	-1.83	Ca	.2	0	8.1	10	16.47	50	-33.53	-	-
3	.1905	28.79	Qp	.2	0	8.4	10	47.39	-	-	64.01	-16.62
7	.2558	22.81	Qp	-.1	0	8.2	10	40.91	-	-	61.57	-20.66
11	.321	18.12	Qp	-.2	0	8.2	10	36.12	-	-	59.68	-23.56
15	.4448	11.99	Qp	.1	0	8.8	10	30.89	-	-	56.97	-26.08
19	.7643	4.69	Qp	.1	0	8.4	10	23.19	-	-	56	-32.81
23	6.8348	6.3	Qp	.2	0	8.1	10	24.6	-	-	60	-35.4

Qp - Quasi-Peak detector

Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER

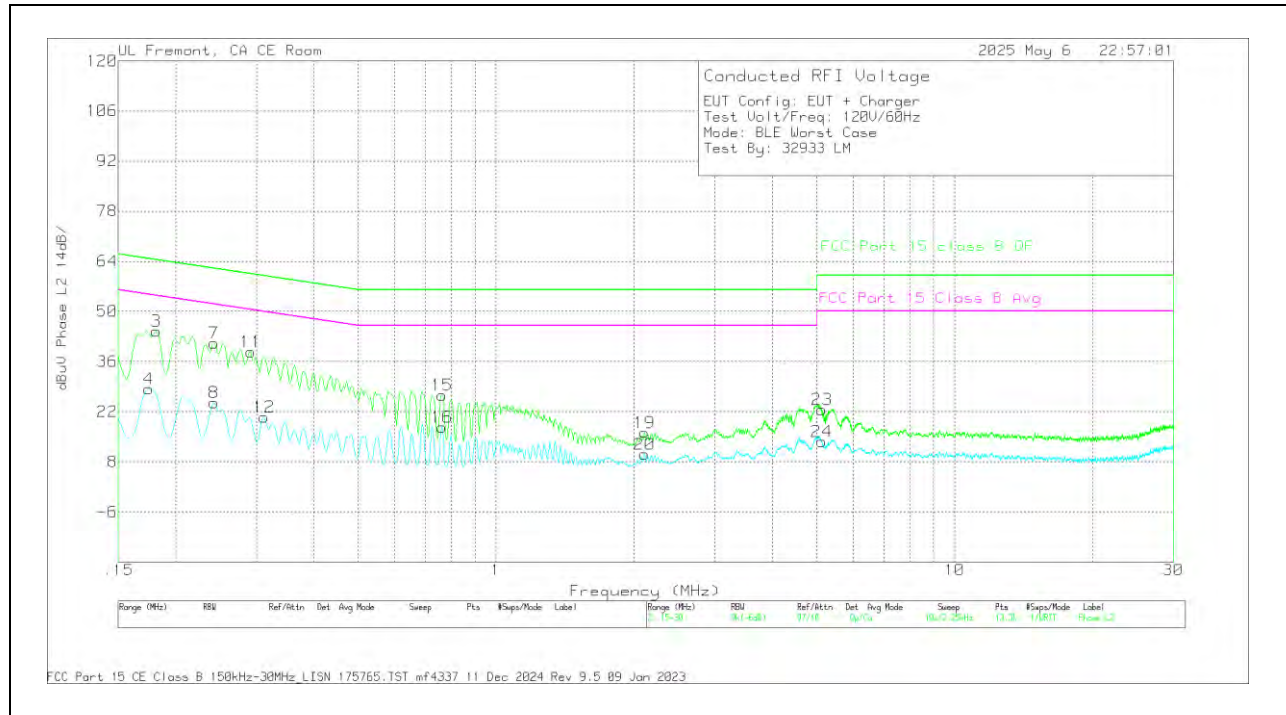
LINE 1 RESULTS



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C Avg dBuV	Margin (dB)	FCC Part 15C QP dBuV	Margin (dB)
2	.1793	10.05	Ca	.3	.1	8.4	10	28.85	54.52	-25.67	-	-
6	.2535	6.7	Ca	-.1	0	8.2	10	24.8	51.64	-26.84	-	-
10	.2918	3.85	Ca	0	0	8	10	21.85	50.47	-28.62	-	-
14	.7575	-.16	Ca	.1	0	8.5	10	18.44	46	-27.56	-	-
18	2.0918	-7.38	Ca	.2	0	8.7	10	11.52	46	-34.48	-	-
22	5.1315	-4.9	Ca	.2	0	8.4	10	13.7	50	-36.3	-	-
1	.1523	26.65	Qp	.5	.1	8.5	10	45.75	-	-	65.88	-20.13
5	.2265	23.84	Qp	0	0	8.3	10	42.14	-	-	62.58	-20.44
9	.2918	20.36	Qp	0	0	8	10	38.36	-	-	60.47	-22.11
13	.7575	10.92	Qp	.1	0	8.5	10	29.52	-	-	56	-26.48
17	2.0895	-.15	Qp	.2	0	8.6	10	18.65	-	-	56	-37.35
21	5.1428	4.64	Qp	.2	0	8.3	10	23.14	-	-	60	-36.86

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C Avg dBuV	Margin (dB)	FCC Part 15C QP dBuV	Margin (dB)
4	.1748	9.55	Ca	.3	0	8.5	10	28.35	54.73	-26.38	-	-
8	.2423	6.36	Ca	-.1	0	8.2	10	24.46	52.02	-27.56	-	-
12	.312	2.49	Ca	-.1	0	8.1	10	20.49	49.92	-29.43	-	-
16	.762	-.79	Ca	.1	0	8.4	10	17.71	46	-28.29	-	-
20	2.1053	-8.75	Ca	.2	0	8.6	10	10.05	46	-35.95	-	-
24	5.136	-4.92	Ca	.2	0	8.4	10	13.68	50	-36.32	-	-
3	.1815	25.87	Qp	.2	0	8.4	10	44.47	-	-	64.42	-19.95
7	.2423	23.12	Qp	-.1	0	8.2	10	41.22	-	-	62.02	-20.8
11	.2918	20.64	Qp	0	0	8	10	38.64	-	-	60.47	-21.83
15	.762	8.17	Qp	.1	0	8.4	10	26.67	-	-	56	-29.33
19	2.1075	-2.63	Qp	.2	0	8.6	10	16.17	-	-	56	-39.83
23	5.1405	4.08	Qp	.2	0	8.3	10	22.58	-	-	60	-37.42

Qp - Quasi-Peak detector
 Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15496224-EP1V1 for setup photos.

APPENDIX A – SPOT CHECK EVALUATION

1. SPOT CHECK EVALUATION

1.1. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3256, A3522, A3523 and A3524.

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
A3256	BCG-E8949A	579C-E8949A	-With FR2/LTE/5GNR B14/29/71 -No B11/21 -With UL MIMO (n41/48/77)	eSIM	-
A3522	BCG-E8957A	579C-E8957A	-Without FR2 -Added B11/21 -No UL MIMO	eSIM	A3256
A3523	BCG-E8958A	579C-E8958A	-Without FR2 -No LTE/5GNR B14/29/71 -No LTE B11/21 -No UL MIMO	eSIM+pSIM	
A3524	BCG-E8959A	579C-E8959A	-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} deviation from Reference data, V_{dB} variant spot check level, and R_{dB} measurement level

1.2. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3522

A3522 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3256	Sub Model: A3522	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8949A IC : 579C-E8949A	FCC ID : BCG-E8957A IC : 579C-E8957A			
DTS / BLE	2.4	HP (TXBF)	2Mbps	Output Power (dBm)	Mid	Fundamental	23.51	23.48	-0.03	-6.49	Note 1
		HDT3 (TXBF)	CW	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	50.75	49.80	-0.95	-3.25	Note 1
		BLE (TXBF)	2Mbps	RSE (dBuV/m)	Mid	Horizontal (@15.962GHz)	45.12	47.60	2.48	-8.88	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.

1.3. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3523

A3523 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3256	Sub Model: A3523	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8949A IC : 579C-E8949A	FCC ID : BCG-E8958A IC : 579C-E8958A			
DTS / BLE	2.4	HP (TXBF)	2Mbps	Output Power (dBm)	Mid	Fundamental	23.51	23.43	-0.08	-6.49	Note 1
		HDT3 (TXBF)	CW	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	50.75	51.10	0.35	-3.25	Note 1
		BLE (TXBF)	2Mbps	RSE (dBuV/m)	Mid	Horizontal (@15.962GHz)	45.12	47.70	2.58	-8.88	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.

1.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3524

A3524 SPOT CHECK RESULTS											
Equipment Class / Technology	Frequency (GHz)	Mode	Data Rate	Test Item	Channel	Measured Frequency (GHz)	Original Model: A3256	Sub Model: A3524	Delta (dB)	Margin	Remarks
							FCC ID : BCG-E8949A IC : 579C-E8949A	FCC ID : BCG-E8959A IC : 579C-E8959A			
DTS / BLE	2.4	HP (TXBF)	2Mbps	Output Power (dBm)	Mid	Fundamental	23.51	23.48	-0.03	-6.49	Note 1
		HDT3 (TXBF)	CW	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	50.75	52.20	1.45	-3.25	Note 1
		BLE (TXBF)	2Mbps	RSE (dBuV/m)	Mid	Horizontal (@15.962GHz)	45.12	47.62	2.50	-8.88	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.