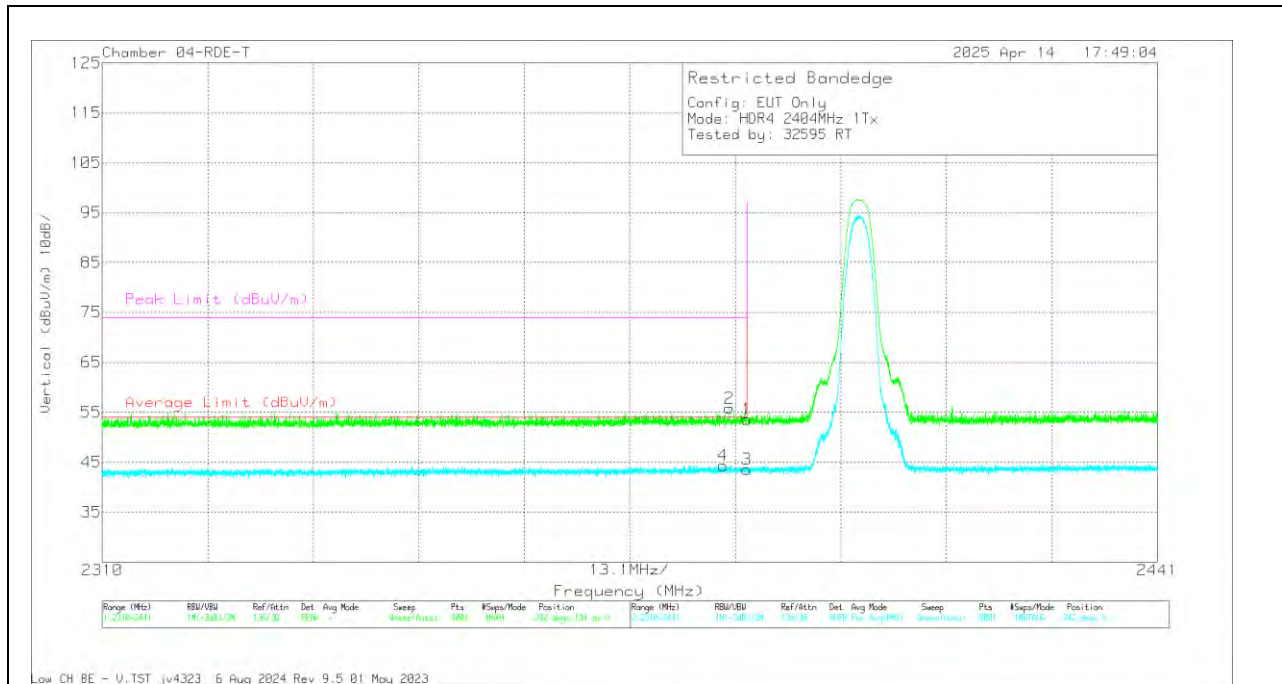


VERTICAL RESULT

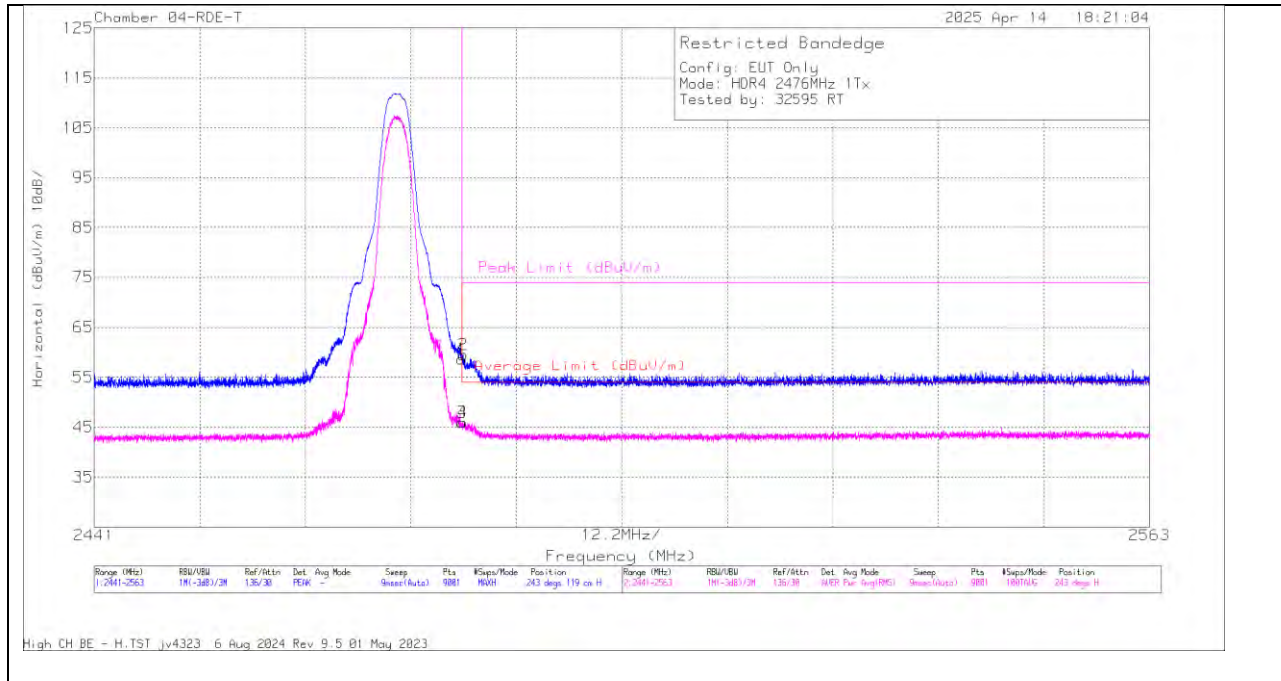


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.48	Pk	32	0	-38.81	53.67	-	-	74	-20.33	242	134	V
2	* 2387.86	62.67	Pk	32	0	-38.84	55.83	-	-	74	-18.17	242	134	V
3	* 2390	49.3	RMS	32	1.28	-38.81	43.77	54	-10.23	-	-	242	134	V
4	* 2387.074	50.19	RMS	32	1.28	-38.93	44.54	54	-9.46	-	-	242	134	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

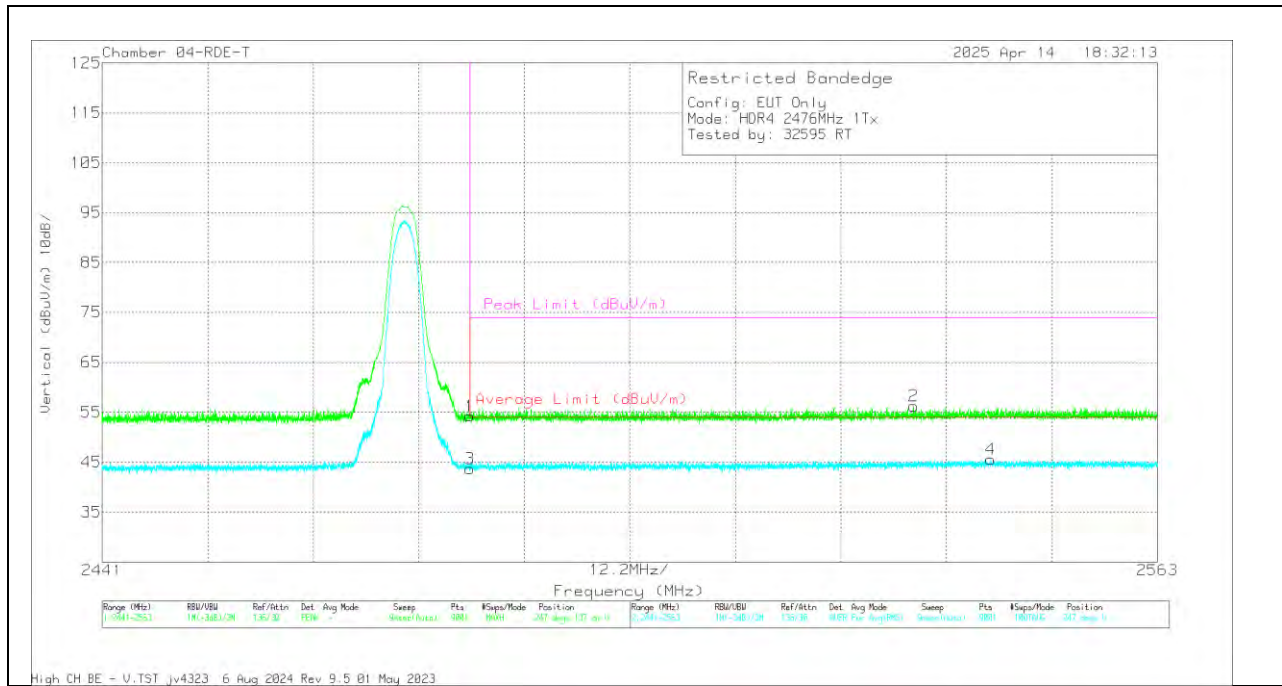
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	65.25	Pk	32.2	0	-38.74	58.71	-	-	74	-15.29	243	119	H
2	* 2483.634	66.12	Pk	32.2	0	-38.73	59.59	-	-	74	-14.41	243	119	H
3	* 2483.5	52.52	RMS	32.2	1.28	-38.74	47.26	54	-6.74	-	-	243	119	H
4	* 2483.62	52.47	RMS	32.2	1.28	-38.73	47.22	54	-6.68	-	-	243	119	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

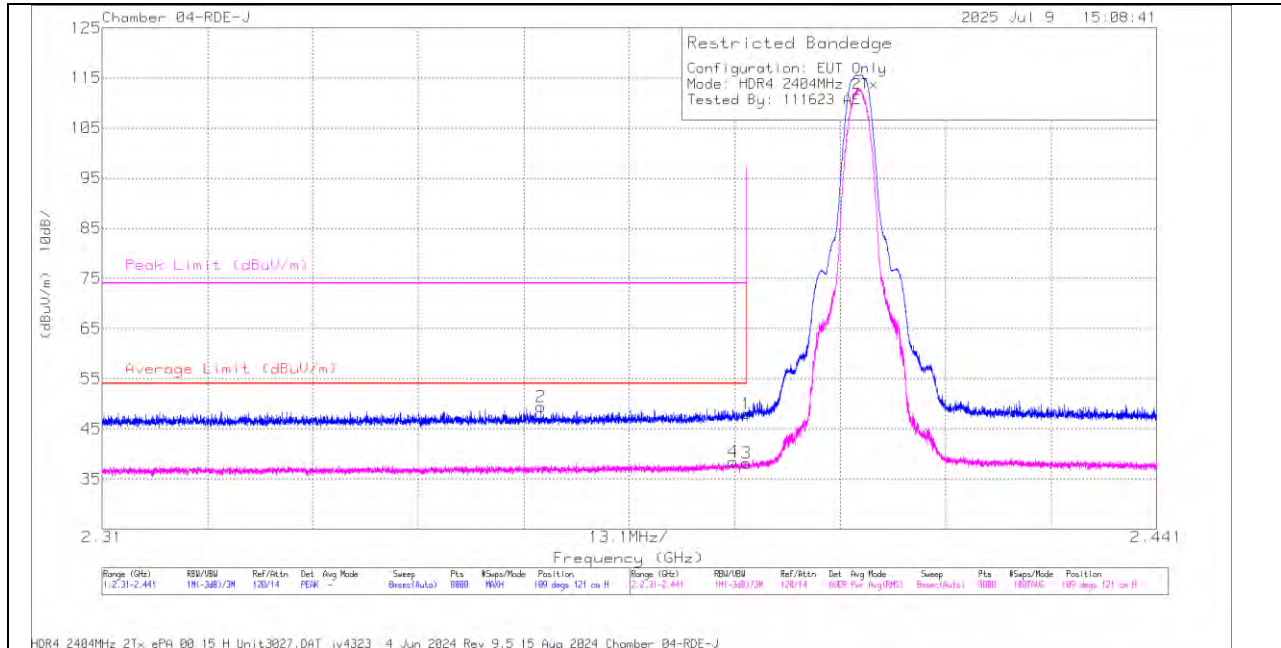


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.74	Pk	32.2	0	-38.74	54.2	-	-	74	-19.8	247	137	V
3	* 2483.5	49.13	RMS	32.2	1.28	-38.74	44.95	54	-9.05	-	-	247	137	V
2	2534.78	62.41	Pk	32.4	0	-38.51	56.3	-	-	74	-17.7	247	137	V
4	2543.714	50.57	RMS	32.4	1.28	-38.43	46.9	54	-7.10	-	-	247	137	V

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

PK - Peak detector

RMS - RMS detection

10.2.2. HIGH POWER HDR TXBF (HDR4)**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	AmpCbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.39	43.95	Pk	32.2	-28.2	0	47.95	-	-	74	-26.05	109	121	H
2	* 2.364519	45.6	Pk	32.1	-28.3	0	49.4	-	-	74	-24.6	109	121	H
3	* 2.39	33.09	RMS	32.2	-28.2	1.28	38.37	54	-15.63	-	-	109	121	H
4	* 2.388413	33.31	RMS	32.2	-28.2	1.28	38.59	54	-15.41	-	-	109	121	H

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

Pk - Peak detector

RMS - RMS detection

Chamber 04-RDE-J

2025 Jul 9 15:17:33

Restricted Bandedge
Configuration: EUT Only
Mode: HDR4 2484MHz 2Tx
Tested By: 111623 AE

(dB μ V/m) 10dB/

Peak Limit (dB μ V/m)

Average Limit (dB μ V/m)

Frequency (GHz)

Range (GHz)	RBW/MBW	Ref/Antn	Det	Avg Mode	Sweep	Pts	#Sweeps/Mode	Position	Range (GHz)	RBW/MBW	Ref/Antn	Det	Avg Mode	Sweep	Pts	#Sweeps/Mode	Position
1.7-2.441	1M-2484/2M	1201A	PKP	-	Mono/Freq	1000	1000	100 deg 115.0k Hz	1.7-2.441	1M-2484/2M	1201A	PKP	Fat Avg (DRC)	Mono/Freq	1000	1001A	100 deg 115.0k Hz

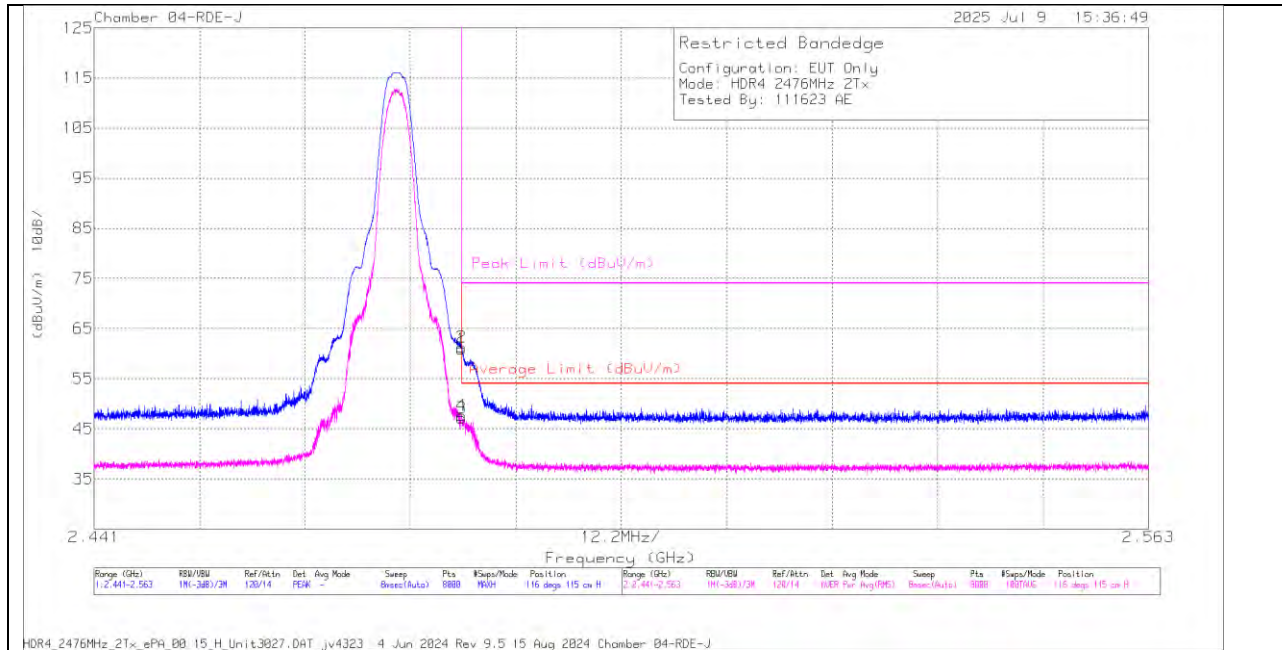
HDR4 2484MHz 2Tx ePR PA 15 U Unit3027.DAT lv4323 4 Jun 2024 Rev 9.5 15 Aug 2024 Chamber 04-RDE-J

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.34	Pk	32.2	-28.2	0	47.34	-	-	74	-26.66	102	116	V
2	* 2.389281	45.03	Pk	32.2	-28.2	0	49.03	-	-	74	-24.97	102	116	V
3	* 2.39	32.12	RMS	32.2	-28.2	1.28	37.4	54	-16.6	-	-	102	116	V
4	* 2.374837	32.91	RMS	32.2	-28.2	1.28	38.19	54	-15.81	-	-	102	116	V

Pk - Peak detector
RMS - RMS detection

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



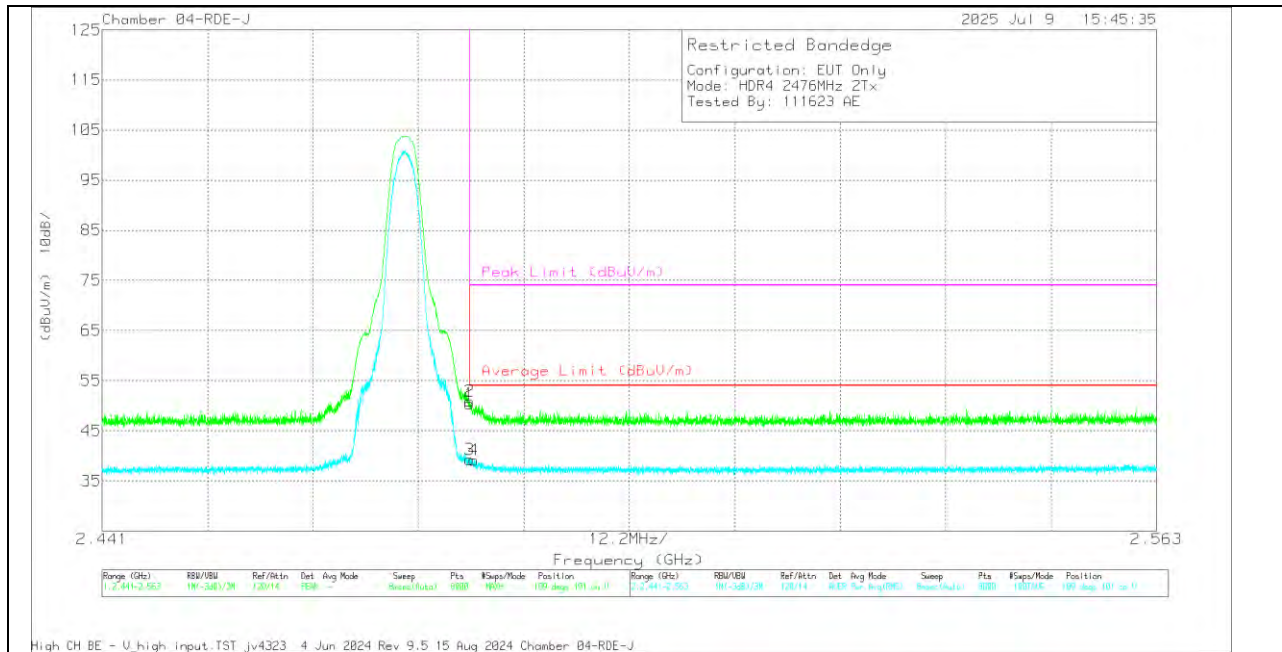
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*2.4835	56.66	Pk	32.4	-28.1	0	60.96	-	-	74	-13.04	116	115	H
2	*2.483523	56.97	Pk	32.4	-28.1	0	61.27	-	-	74	-12.73	116	115	H
3	*2.4835	41.8	RMS	32.4	-28.1	1.28	47.38	54	-6.62	-	-	116	115	H
4	*2.483538	42.24	RMS	32.4	-28.1	1.28	47.82	54	-6.18	-	-	116	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	90707 ACF (dBm)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	46.14	Pk	32.4	-28.1	0	50.44	-	-	74	-23.56	109	101	V
2	* 2.483523	46.64	Pk	32.4	-28.1	0	50.94	-	-	74	-23.06	109	101	V
3	* 2.4835	33.83	RMS	32.4	-28.1	1.28	39.41	54	-14.59	-	-	109	101	V
4	* 2.484011	33.77	RMS	32.4	-28.1	1.28	39.35	54	-14.65	-	-	109	101	V

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

Pk - Peak detector

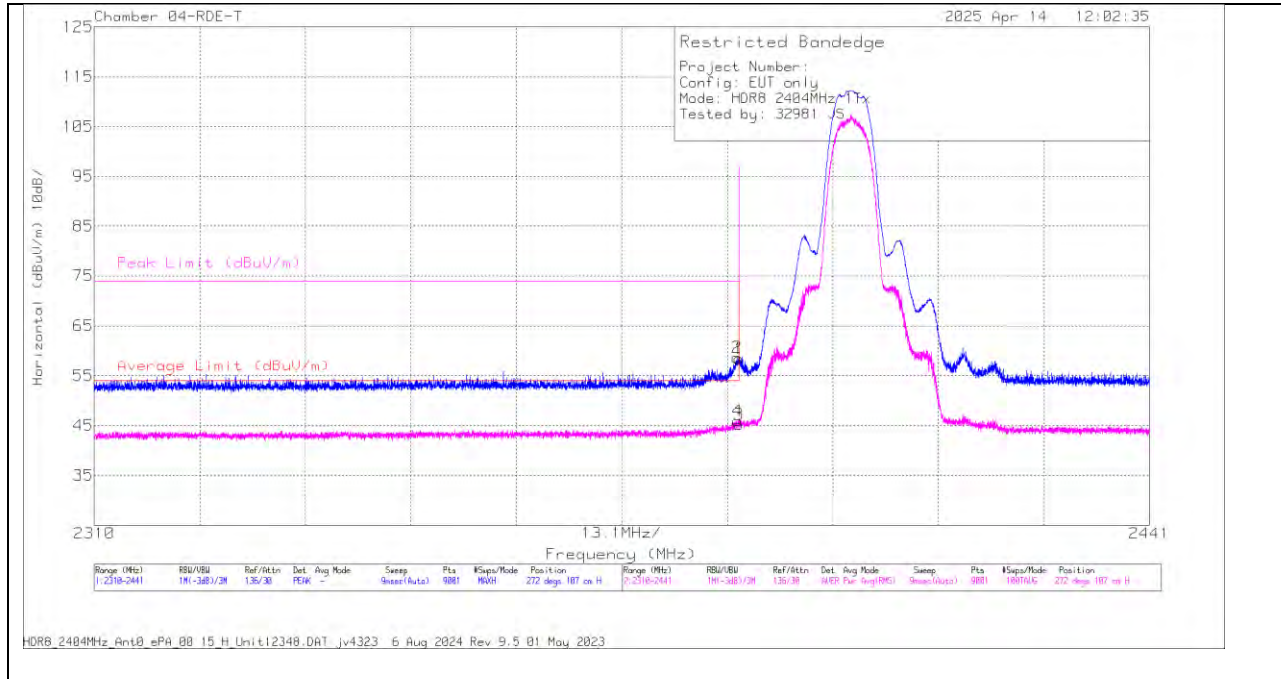
RMS - RMS detection

10.2.3. HIGH POWER HDR (HDR8)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



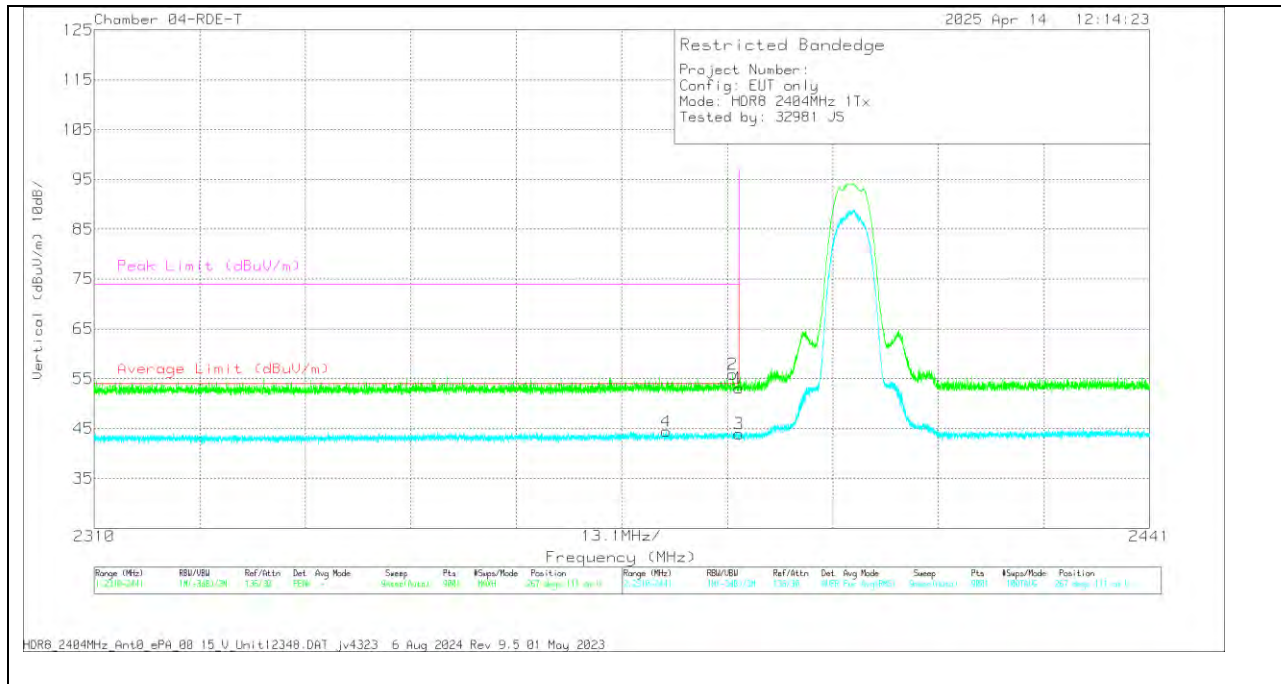
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	65.24	Pk	32	0	-38.81	58.43	-	-	74	-15.57	272	107	H
2	* 2389.781	65.52	Pk	32	0	-38.82	58.7	-	-	74	-15.3	272	107	H
3	* 2390	50.97	RMS	32	1.31	-38.81	45.47	54	-8.53	-	-	272	107	H
4	* 2389.883	51.74	RMS	32	1.31	-38.82	46.23	54	-8.77	-	-	272	107	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

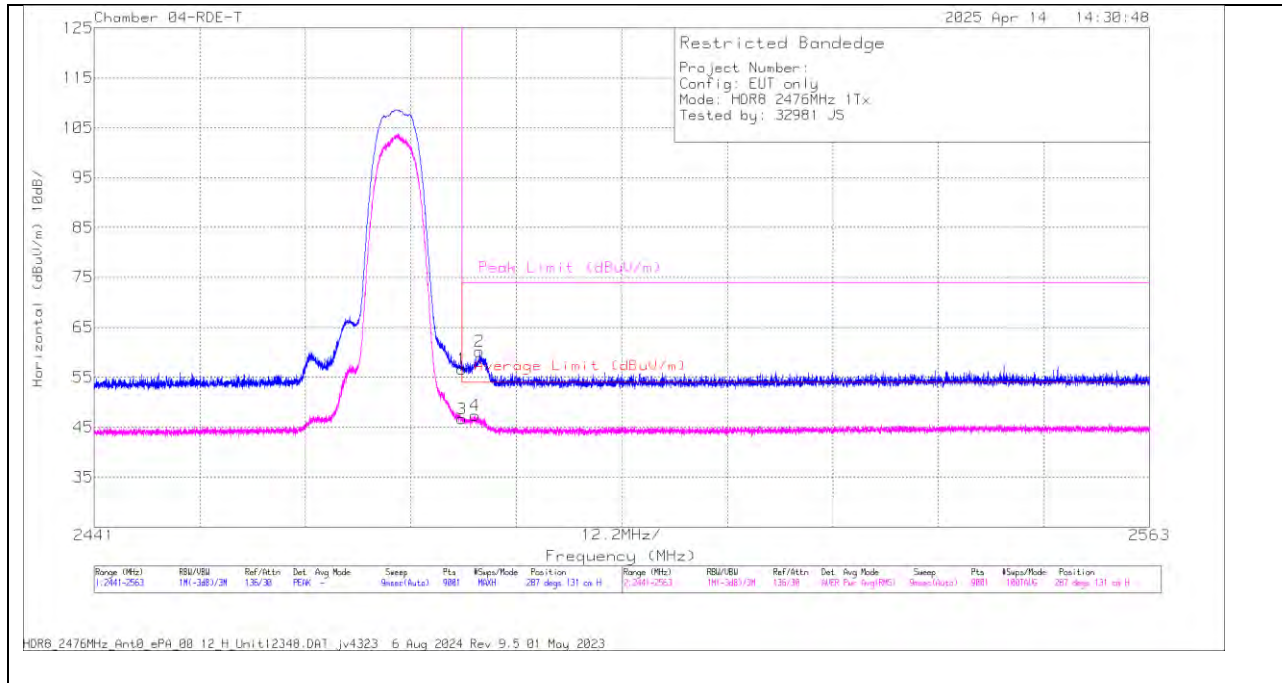


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.96	Pk	32	0	-38.81	53.15	-	-	74	-20.85	267	111	V
2	* 2389.287	62.76	Pk	32	0	-38.85	55.91	-	-	74	-18.09	267	111	V
3	* 2390	49.76	RMS	32	1.31	-38.81	44.26	54	-9.74	-	-	267	111	V
4	* 2381.004	50.41	RMS	32	1.31	-39.06	44.66	54	-9.34	-	-	267	111	V

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

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

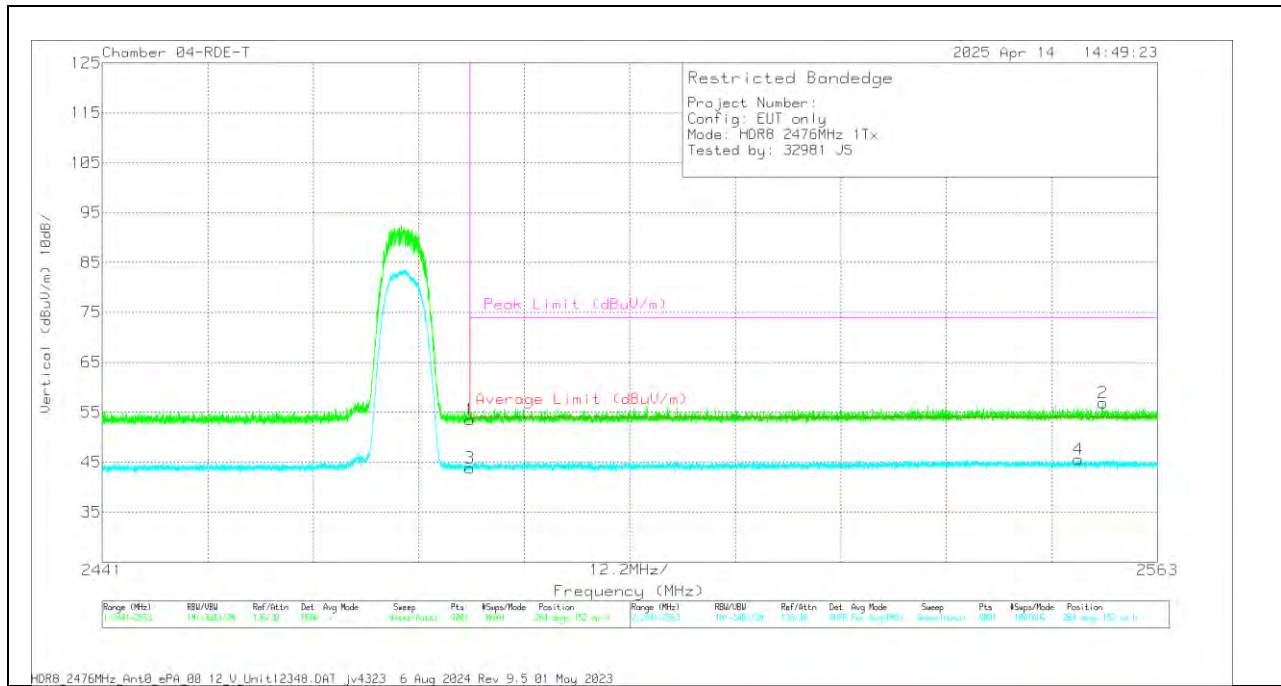
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	63.19	Pk	32.2	0	-38.74	56.65	-	-	74	-17.35	287	131	H
2	* 2485.572	66.62	Pk	32.3	0	-38.75	60.17	-	-	74	-13.83	287	131	H
3	* 2483.5	52.14	RMS	32.2	1.31	-38.74	46.91	54	-7.09	-	-	287	131	H
4	* 2485.057	52.71	RMS	32.3	1.31	-38.72	47.60	54	-6.40	-	-	287	131	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

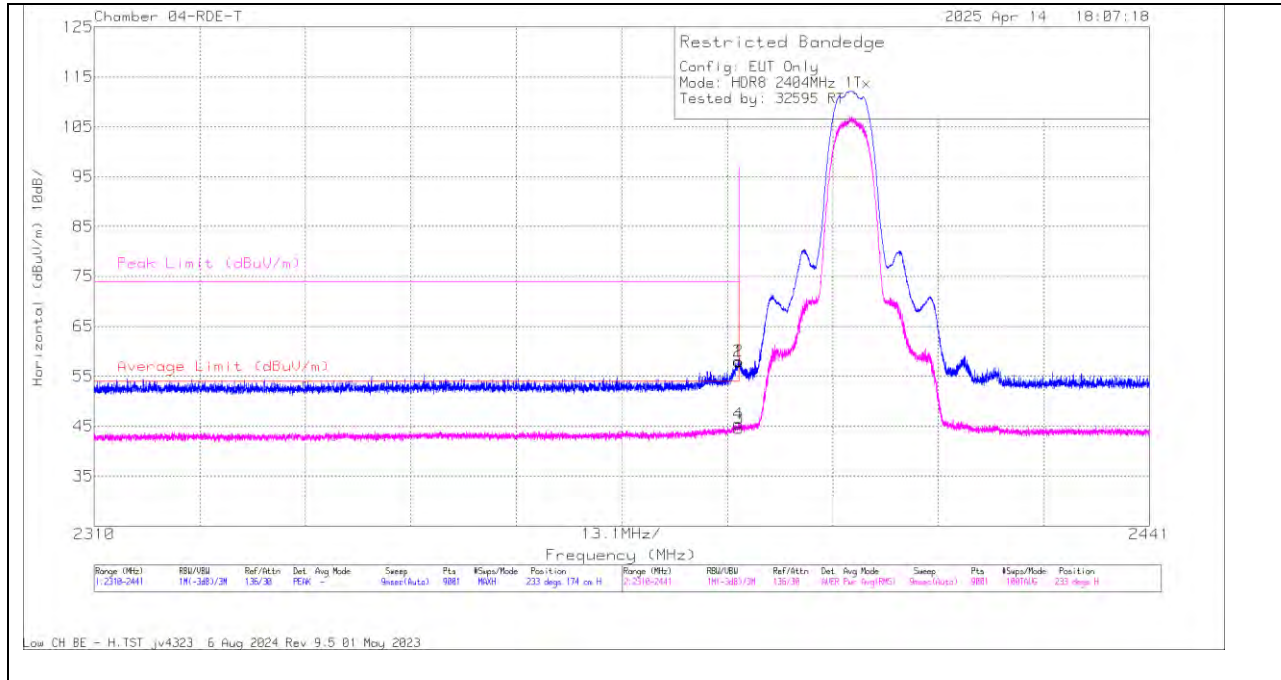


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.03	Pk	32.2	0	-38.74	53.49	-	-	74	-20.51	284	152	V
3	* 2483.5	49.29	RMS	32.2	1.31	-38.49	43.81	54	-10.19	-	-	284	152	V
4	2553.84	50.53	RMS	32.4	1.31	-38.12	45.62	54	-8.38	-	-	284	152	V
2	2556.66	62.81	Pk	32.4	0	-38.27	56.94	-	-	74	-17.06	284	152	V

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

PK - Peak detector

RMS - RMS detection

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

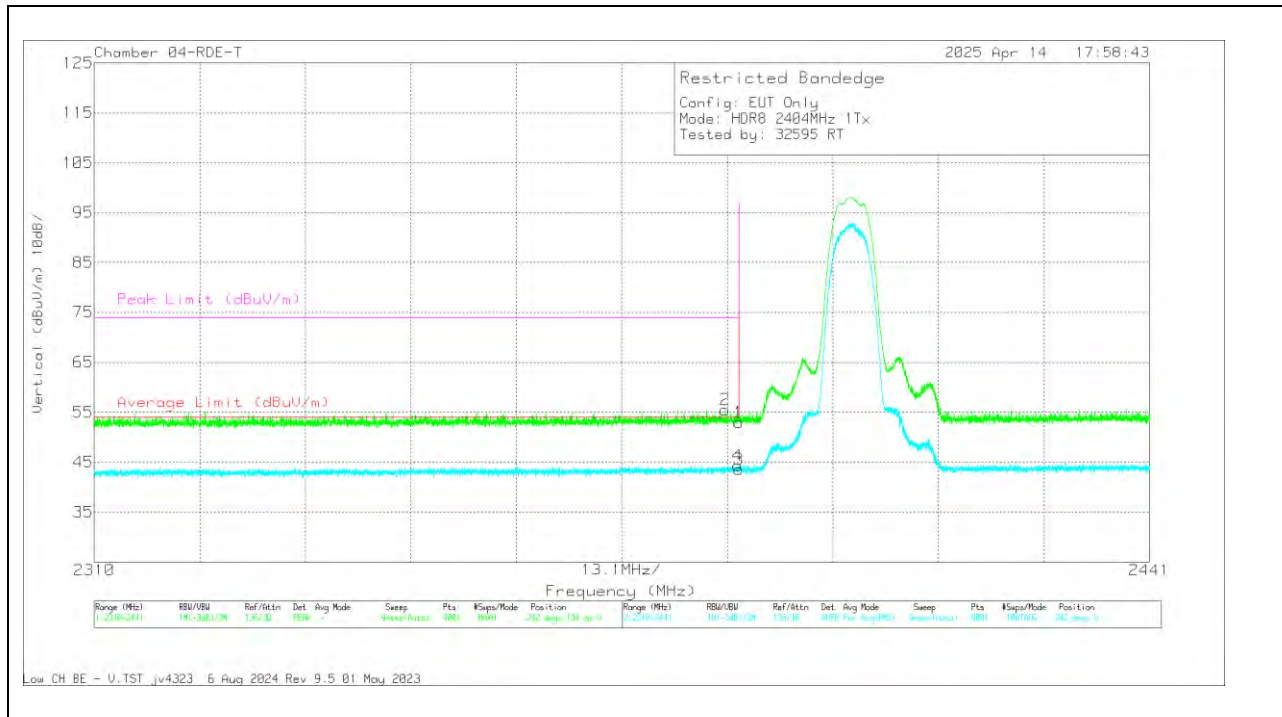
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	64.76	Pk	32	0	-38.81	57.95	-	-	74	-16.05	233	174	H
2	* 2389.985	64.89	Pk	32	0	-38.81	58.08	-	-	74	-15.92	233	174	H
3	* 2390	50.33	RMS	32	1.31	-38.81	44.83	54	-9.17	-	-	233	174	H
4	* 2389.942	51.21	RMS	32	1.31	-38.81	45.69	54	-8.29	-	-	233	174	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

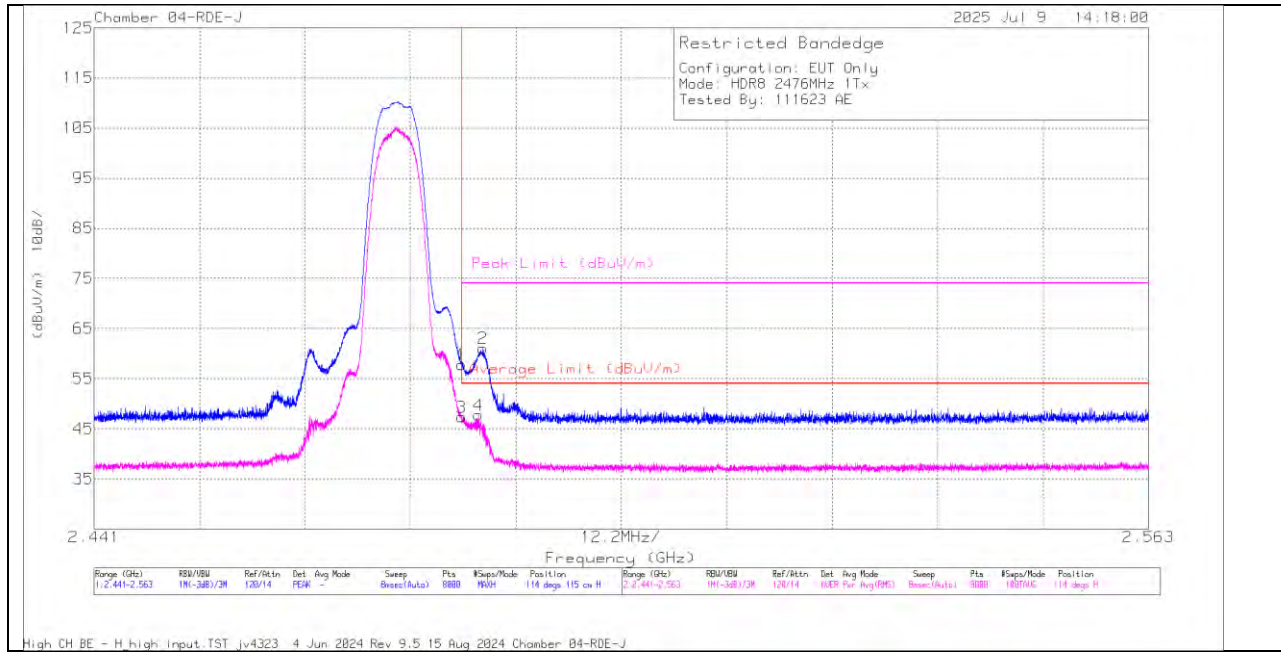


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.83	Pk	32	0	-38.81	53.02	-	-	74	-20.98	242	134	V
2	* 2388.311	62.4	Pk	32	0	-38.84	55.56	-	-	74	-18.44	242	134	V
3	* 2390	49.33	RMS	32	1.31	-38.81	43.83	54	-10.	-	-	242	134	V
4	* 2389.912	50.08	RMS	32	1.31	-38.82	44.57	54	-9.46	-	-	242	134	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

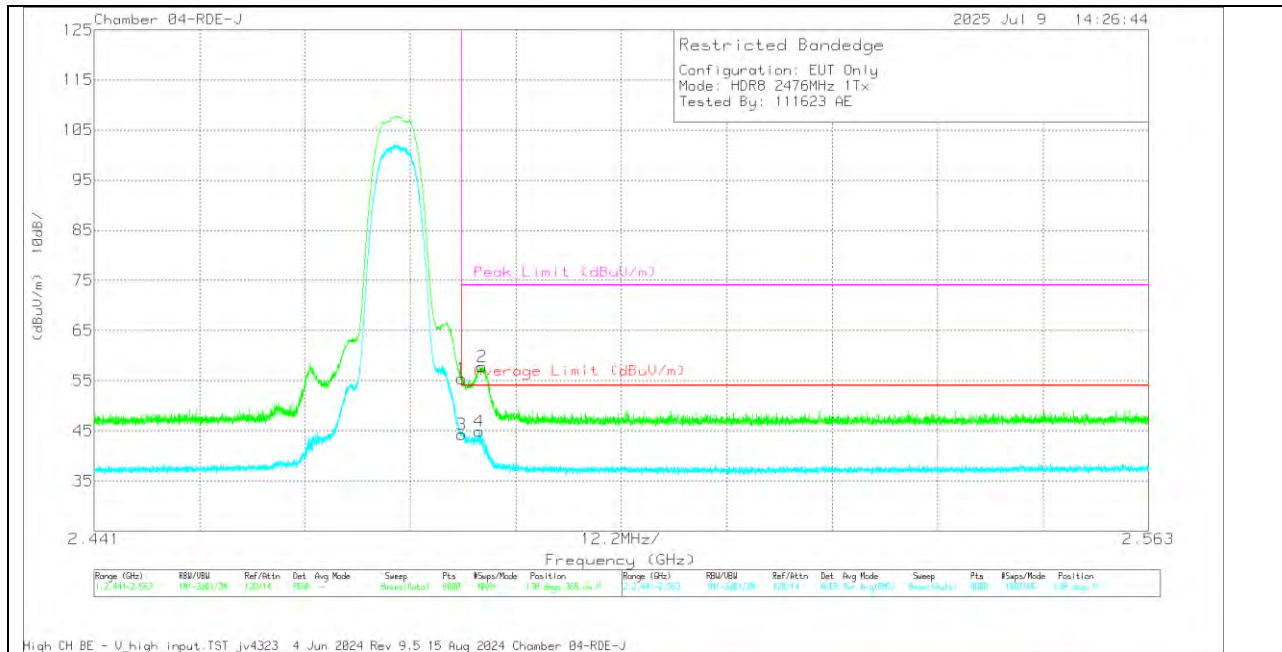
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dBm)	Amp/Ctrl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.4835	53.51	Pk	32.4	-28.1	0	57.81	-	-	74	-16.19	114	115	H
2	* 2.485948	56.62	Pk	32.5	-28.1	0	61.02	-	-	74	-12.98	114	115	H
3	* 2.4835	41.98	RMS	32.4	-28.1	1.31	47.59	54	-6.41	-	-	114	115	H
4	* 2.485444	42.35	RMS	32.4	-28.1	1.31	47.96	54	-6.04	-	-	114	115	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	80707 ACF (dB/m)	Amp/Cbl (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	51.14	Pk	32.4	-28.1	0	55.44	-	-	74	-18.56	138	368	V
2	* 2.485932	53.39	Pk	32.5	-28.1	0	57.79	-	-	74	-16.21	138	368	V
3	* 2.4835	38.86	RMS	32.4	-28.1	1.31	44.47	54	-9.53	-	-	138	368	V
4	* 2.485551	39.41	RMS	32.5	-28.1	1.31	44.12	54	-8.88	-	-	138	368	V

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

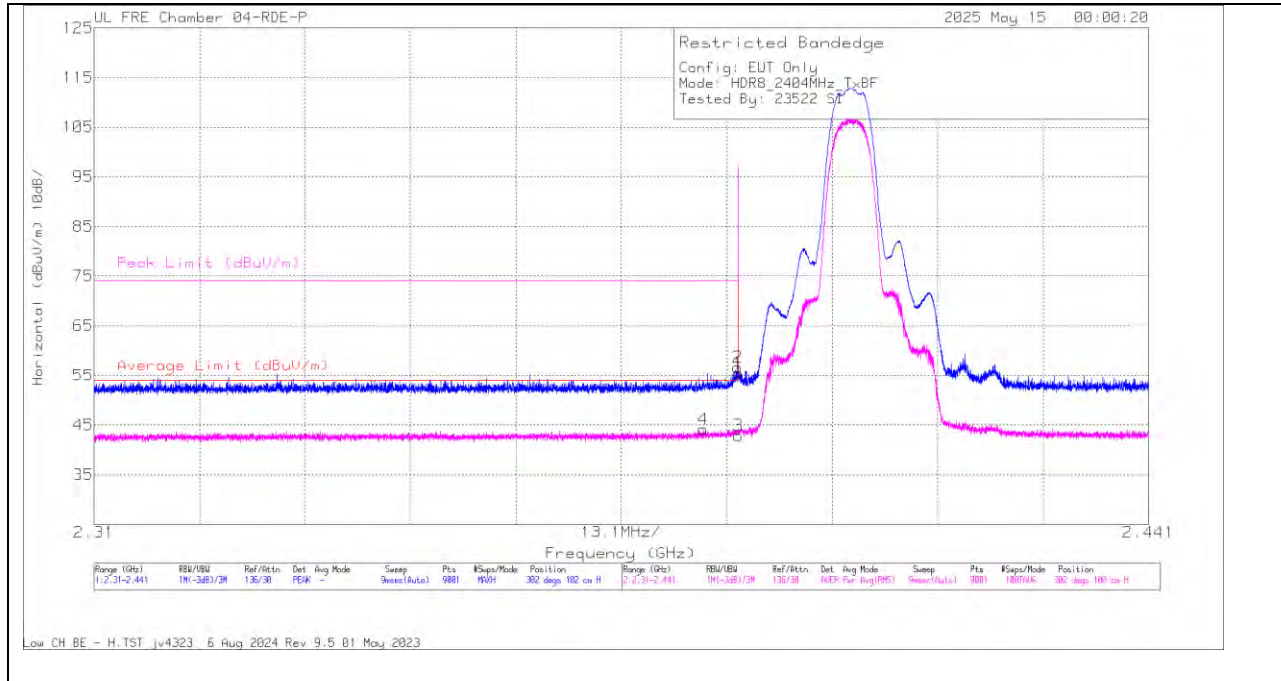
PK - Peak detector

RMS - RMS detection

10.2.4. HIGH POWER HDR TXBF (HDR8)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



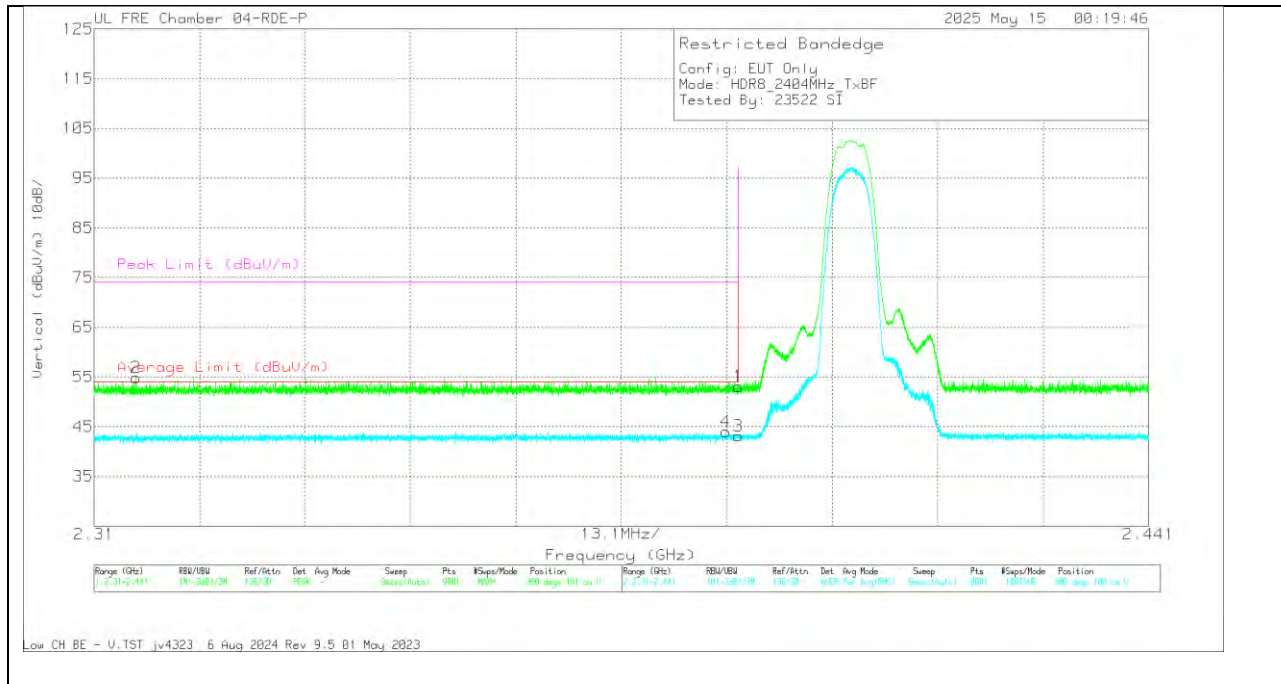
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.385662	51.67	RMS	32	1.31	-40.58	44.40	54	-9.60	-	-	302	100	H
2	2.389942	65.21	PK	32	0	-40.59	56.62	-	-	74	-17.38	302	102	H
1	2.39	64.03	PK	32	0	-40.59	55.44	-	-	74	-18.56	302	102	H
3	2.39	50.45	RMS	32	1.31	-40.59	42.17	54	-10.83	-	-	302	100	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

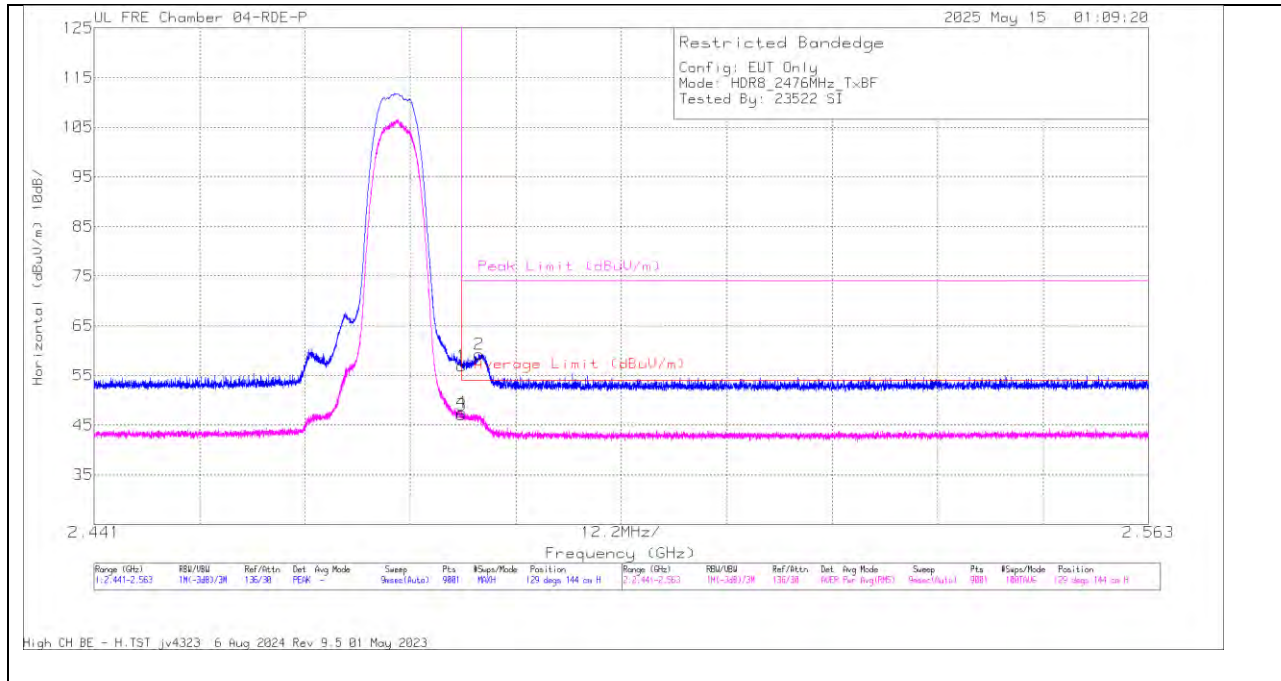


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.315211	63.77	PK	31.8	0	-40.65	54.92	-	-	74	-19.08	300	101	V
4	2.388486	51.51	RMS	32	1.31	-40.59	44.23	54	-9.77	-	-	300	100	V
1	2.39	61.68	PK	32	0	-40.59	53.09	-	-	74	-20.91	300	101	V
3	2.39	50.71	RMS	32	1.31	-40.59	43.43	54	-10.57	-	-	300	100	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	200897 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	65.36	Pk	32.2	0	-40.62	56.94	-	-	74	-17.06	129	144	H
3	2.4835	54.4	RMS	32.2	1.31	-40.62	47.29	54	-6.71	-	-	129	144	H
4	2.483539	54.93	RMS	32.2	1.31	-40.61	47.83	54	-6.17	-	-	129	144	H
2	2.485518	67.67	Pk	32.2	0	-40.62	59.25	-	-	74	-14.75	129	144	H

Pk - Peak detector

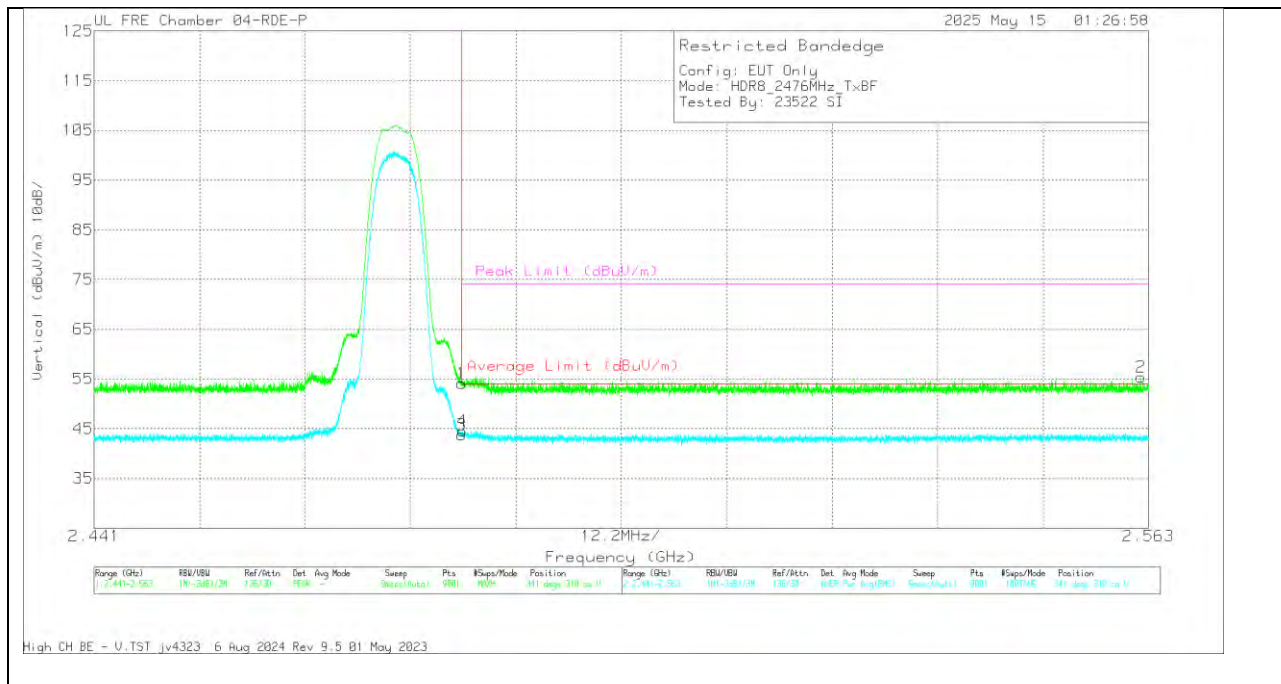
RMS - RMS detection

* - 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	200897 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	62.5	Pk	32.2	0	-40.62	54.08	-	-	74	-19.92	341	310	V
3	2.4835	51.18	RMS	32.2	1.31	-40.62	40.27	54	-9.93	-	-	341	310	V
4	2.48362	51.93	RMS	32.2	1.31	-40.61	44.83	54	-9.17	-	-	341	310	V
2	2.562123	63.63	Pk	32.2	0	-40.49	55.34	-	-	74	-18.66	341	310	V

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

PK - Peak detector

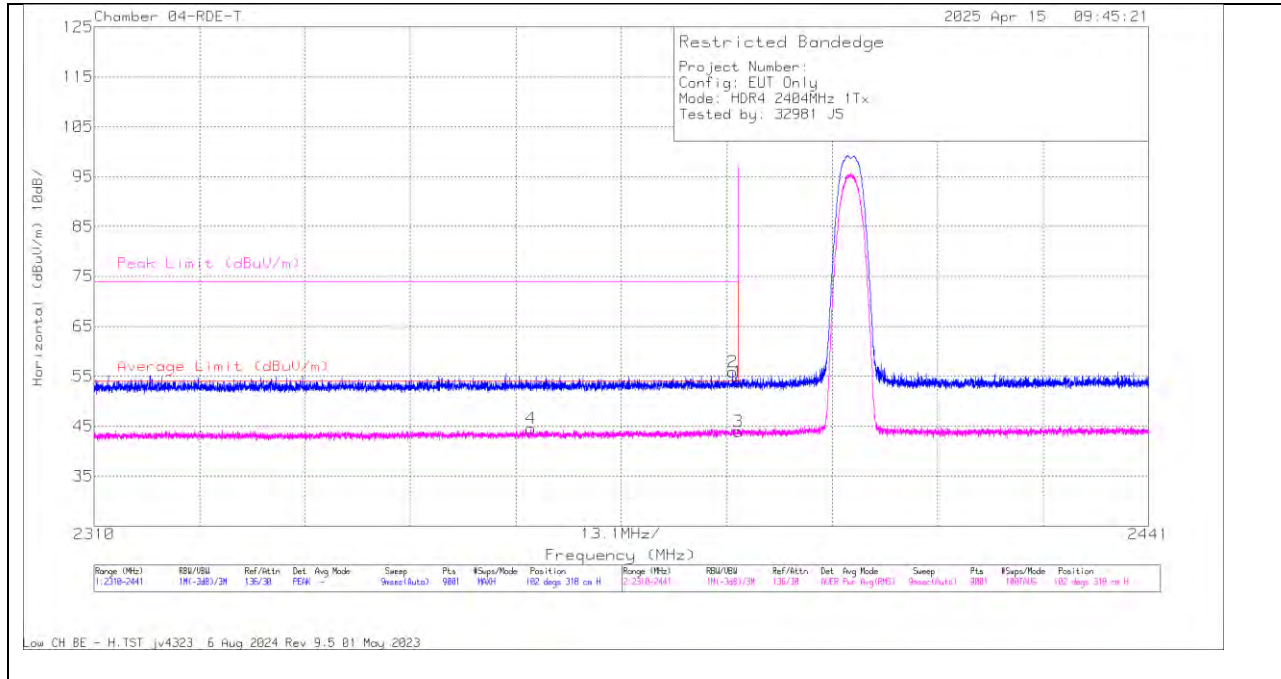
RMS - RMS detection

10.2.5. LOW POWER HDR (HDR4)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



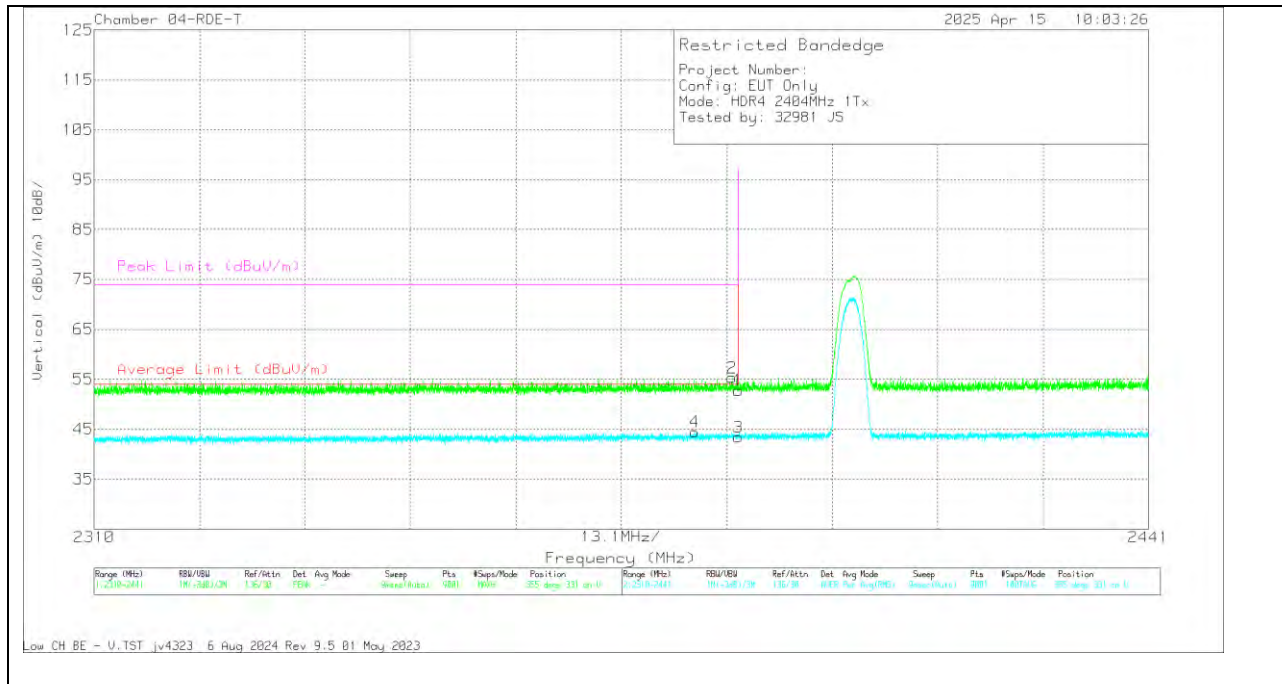
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.73	Pk	32	0	-38.81	53.92	-	-	74	-20.08	102	318	H
2	* 2389.33	62.73	Pk	32	0	-38.85	55.88	-	-	74	-18.12	102	318	H
3	* 2390	49.65	RMS	32	1.28	-38.81	44.12	54	-9.88	-	-	102	318	H
4	* 2364.25	50.61	RMS	31.9	1.28	-39	44.79	54	-9.21	-	-	102	318	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

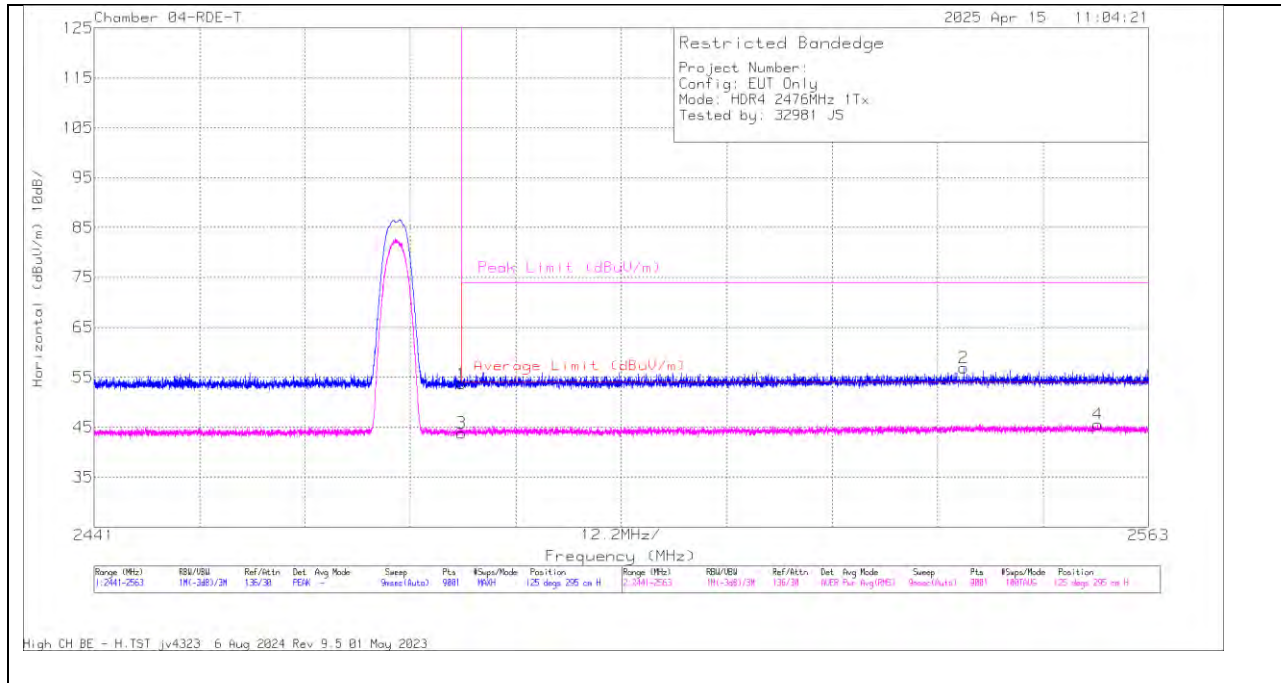


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.53	Pk	32	0	-38.81	52.72	-	-	74	-21.28	355	331	V
2	* 2389.287	62.18	Pk	32	0	-38.85	55.33	-	-	74	-18.67	355	331	V
3	* 2390	49.13	RMS	32	1.28	-38.81	43.6	54	-10.4	-	-	355	331	V
4	* 2384.629	50.3	RMS	32	1.28	-38.92	44.66	54	-9.34	-	-	355	331	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

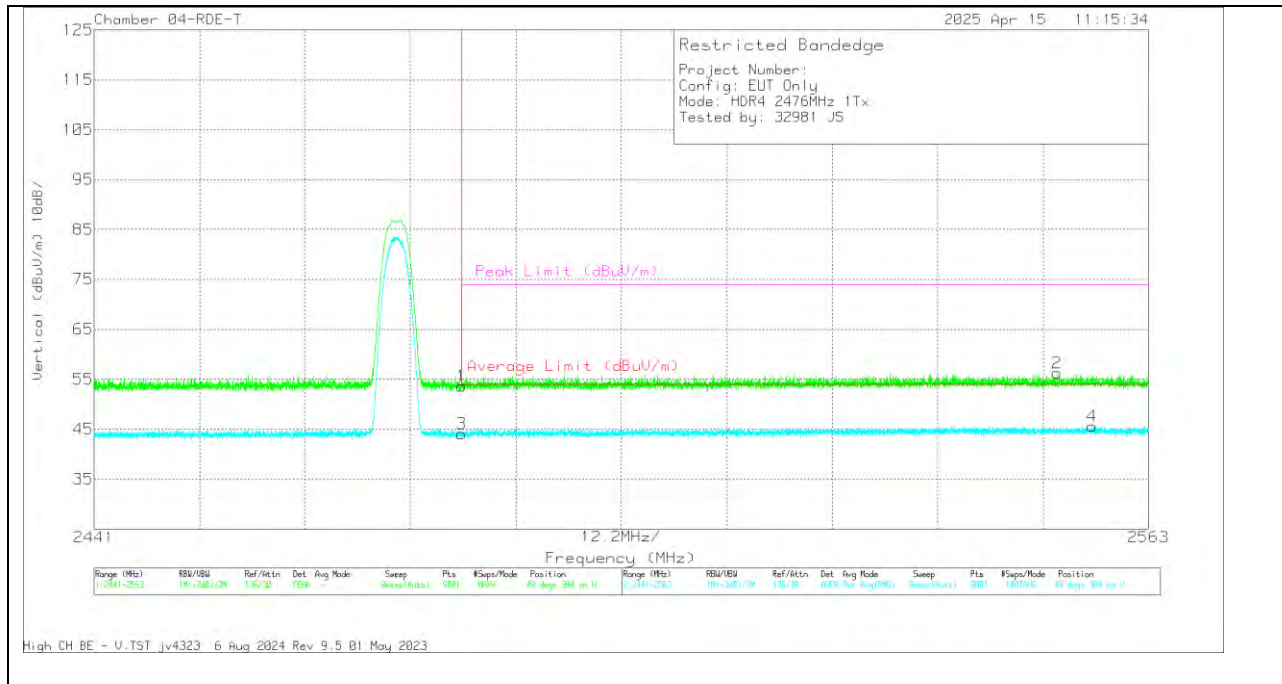
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.25	Pk	32.2	0	-38.74	53.71	-	-	74	-20.29	125	295	H
3	* 2483.5	49.34	RMS	32.2	1.28	-38.74	44.08	54	-9.92	-	-	125	295	H
2	2541.64	62.94	Pk	32.4	0	-38.39	56.95	-	-	74	-17.05	125	295	H
4	2557.148	50.41	RMS	32.4	1.28	-38.25	45.84	54	-8.16	-	-	125	295	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

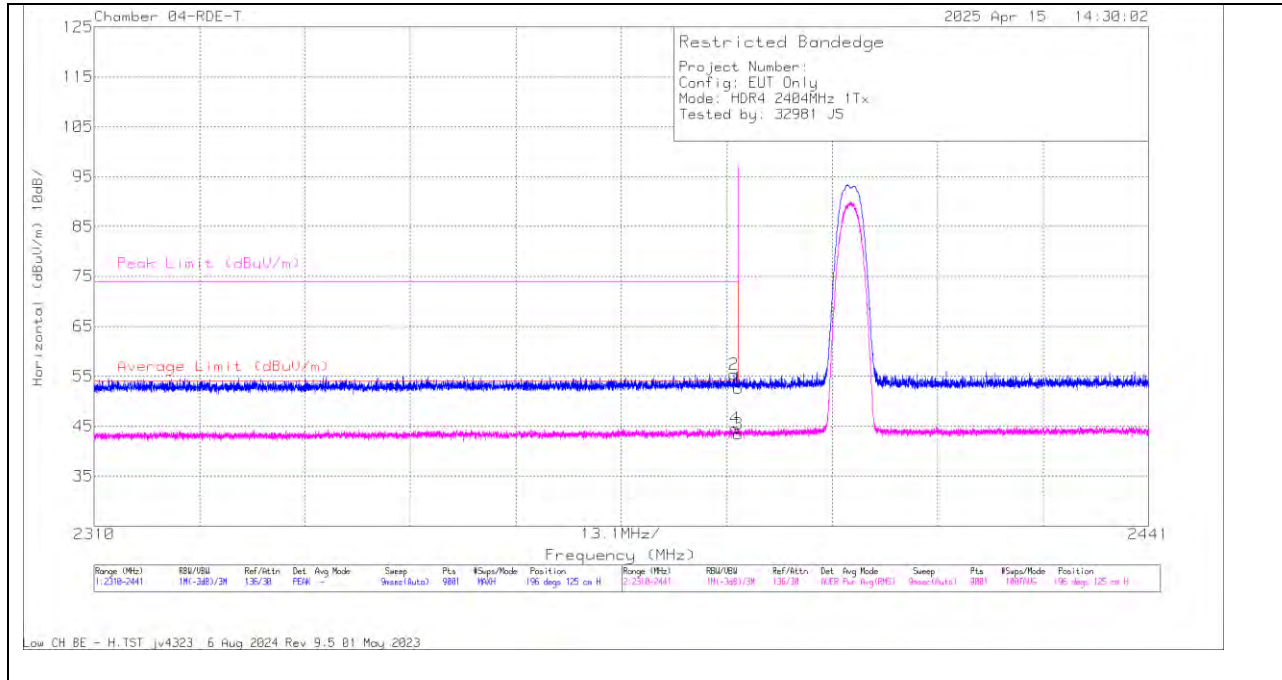


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.22	PK	32.2	0	-38.74	53.68	-	-	74	-20.32	49	384	V
3	* 2483.5	49.59	RMS	32.2	1.28	-38.74	44.33	54	-9.77	-	-	49	384	V
2	2552.417	62.25	PK	32.4	0	-38.41	56.24	-	-	74	-17.76	49	384	V
4	2556.47	50.42	RMS	32.4	1.28	-38.28	45.82	54	-8.18	-	-	49	384	V

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

PK - Peak detector

RMS - RMS detection

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

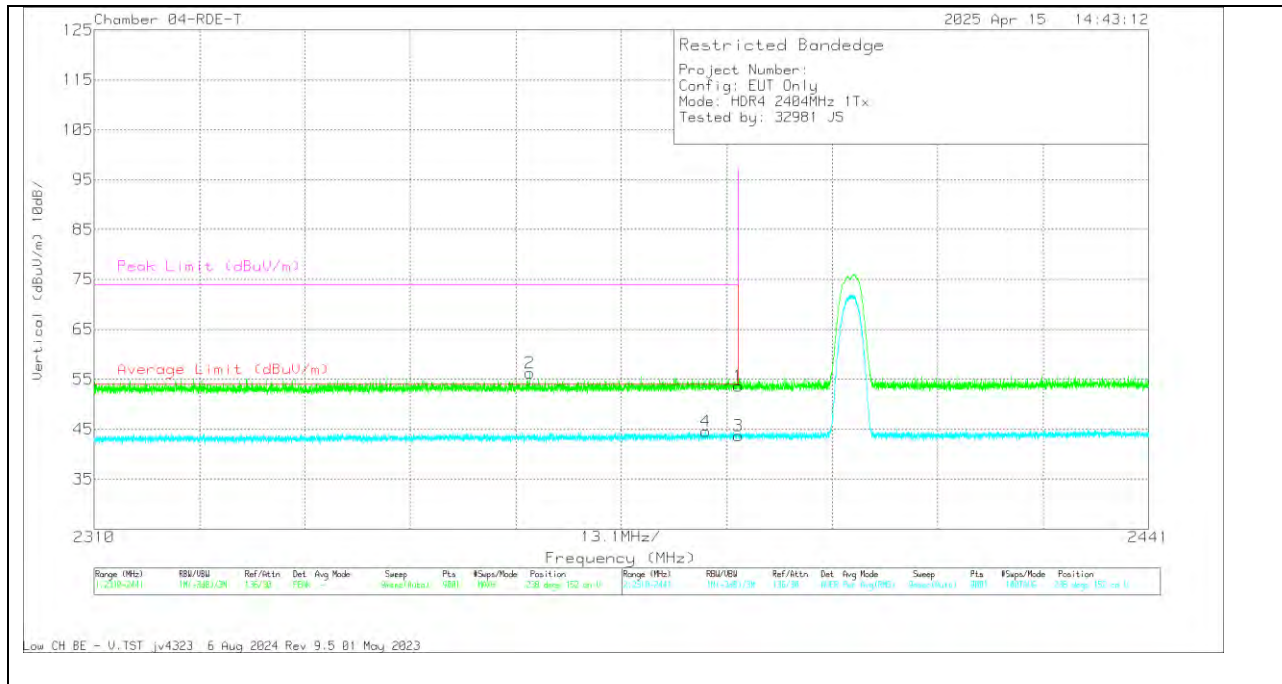
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.47	Pk	32	0	-38.81	52.66	-	-	74	-21.34	196	125	H
2	* 2389.519	62.22	Pk	32	0	-38.84	55.38	-	-	74	-18.62	196	125	H
3	* 2390	49.15	RMS	32	1.28	-38.81	43.62	54	-10.38	-	-	196	125	H
4	* 2389.621	50.37	RMS	32	1.28	-38.83	44.82	54	-9.18	-	-	196	125	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

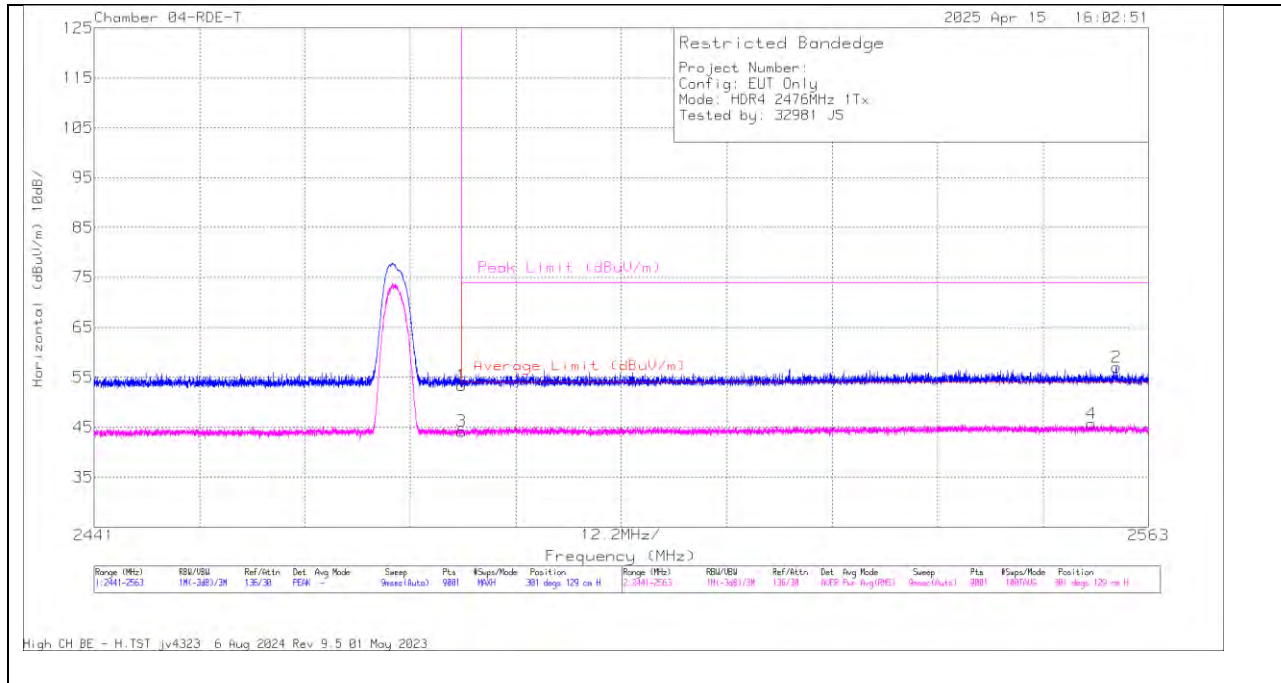


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.4	Pk	32	0	-38.81	53.59	-	-	74	-20.41	238	152	V
2	* 2364.119	63.4	Pk	31.9	0	-39	56.3	-	-	74	-17.7	238	152	V
3	* 2390	49.39	RMS	32	1.28	-38.81	43.86	54	-10.14	-	-	238	152	V
4	* 2386.011	50.5	RMS	32	1.28	-38.98	44.8	54	-9.2	-	-	238	152	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

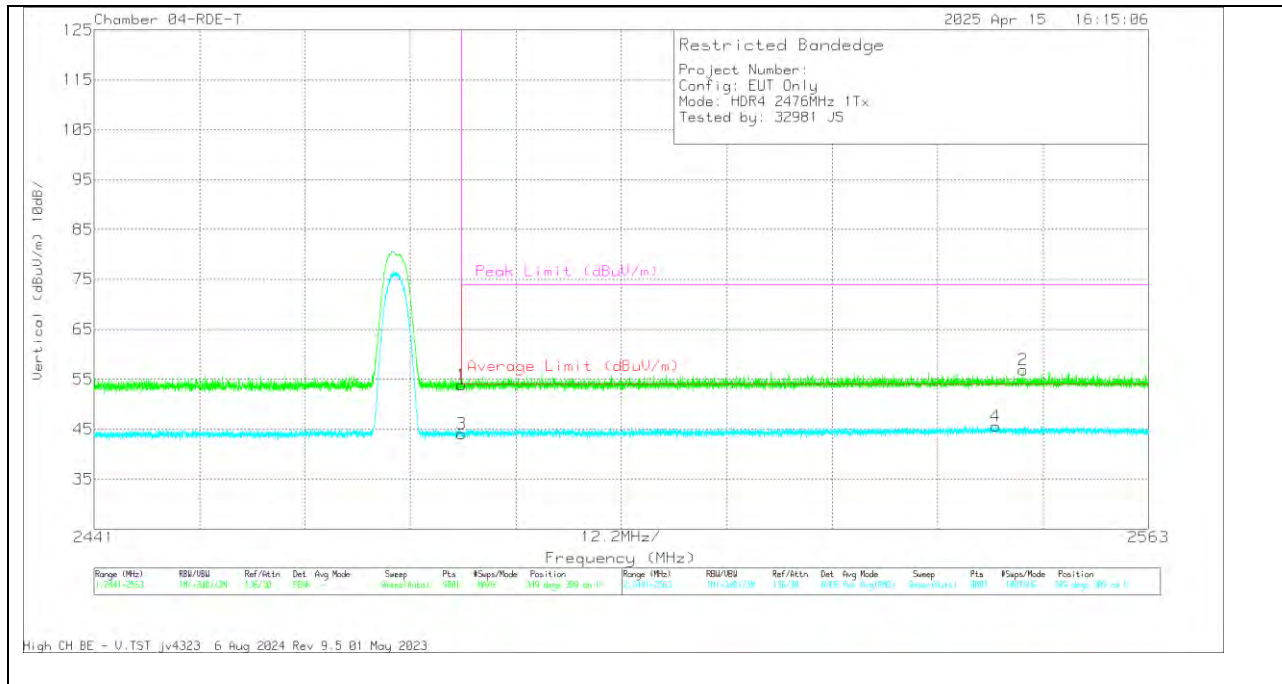
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	59.9	PK	32.2	0	-38.74	53.36	-	-	74	-20.64	301	129	H
3	* 2483.5	49.68	RMS	32.2	1.28	-38.74	44.42	54	-9.58	-	-	301	129	H
4	2556.416	50.53	RMS	32.4	1.28	-38.29	45.92	54	-8.08	-	-	301	129	H
2	2559.276	62.9	PK	32.4	0	-38.28	57.02	-	-	74	-16.98	301	129	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 (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	* 2483.5	60.45	Pk	32.2	0	-38.74	53.91	-	-	74	-20.09	349	309	V
3	* 2483.5	49.54	RMS	32.2	1.28	-38.74	44.26	54	-9.74	-	-	349	309	V
4	2545.313	50.53	RMS	32.4	1.28	-38.38	45.81	54	-8.19	-	-	349	309	V
2	2548.486	62.99	Pk	32.4	0	-38.47	56.92	-	-	74	-17.08	349	309	V

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

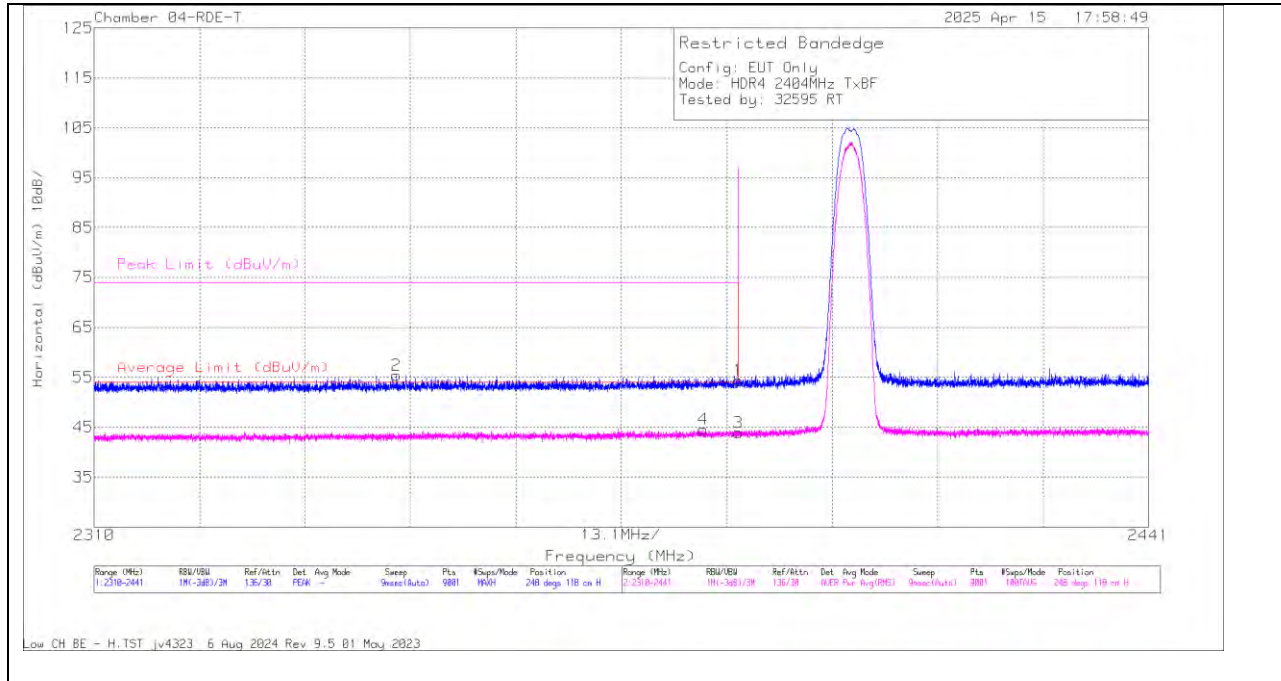
Pk - Peak detector

RMS - RMS detection

10.2.6. LOW POWER HDR TXBF (HDR4)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



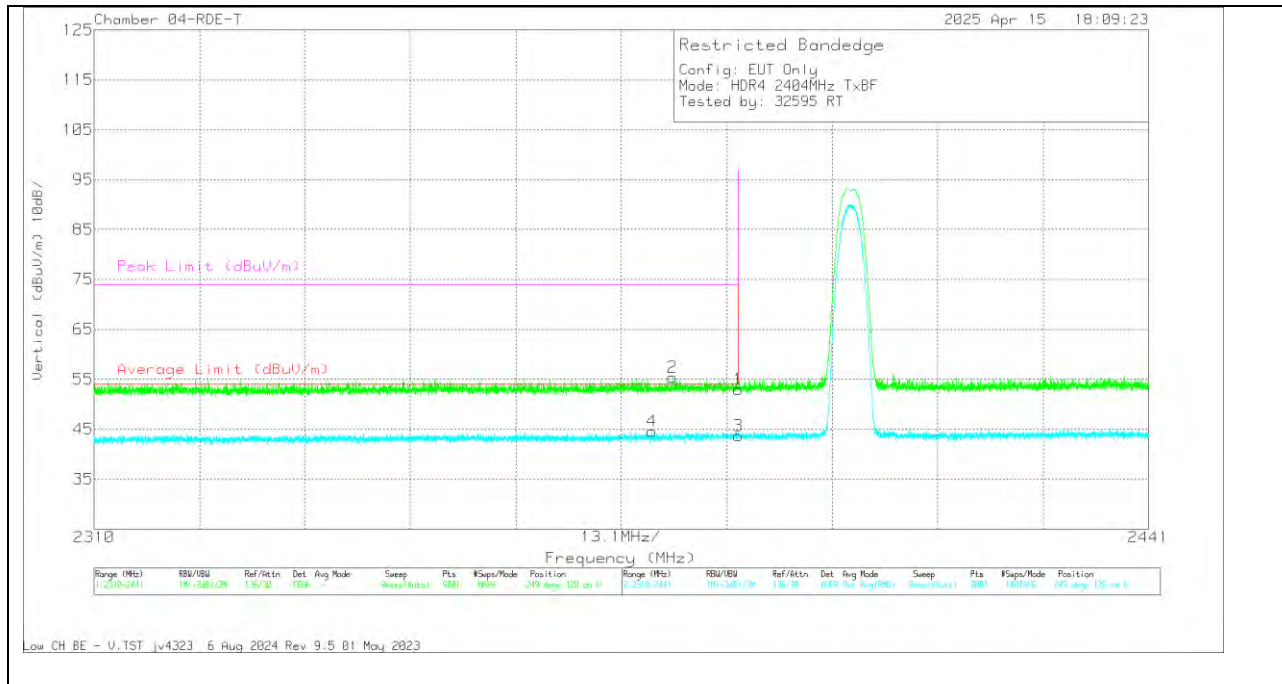
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	61.16	Pk	32	0	-38.81	54.35	-	-	74	-19.65	248	118	H
2	* 2347.54	62.73	Pk	31.8	0	-39.09	55.44	-	-	74	-18.56	248	118	H
3	* 2390	49.63	RMS	32	1.28	-38.81	44.1	54	-9.9	-	-	248	118	H
4	* 2385.706	50.45	RMS	32	1.28	-38.96	44.77	54	-9.23	-	-	248	118	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

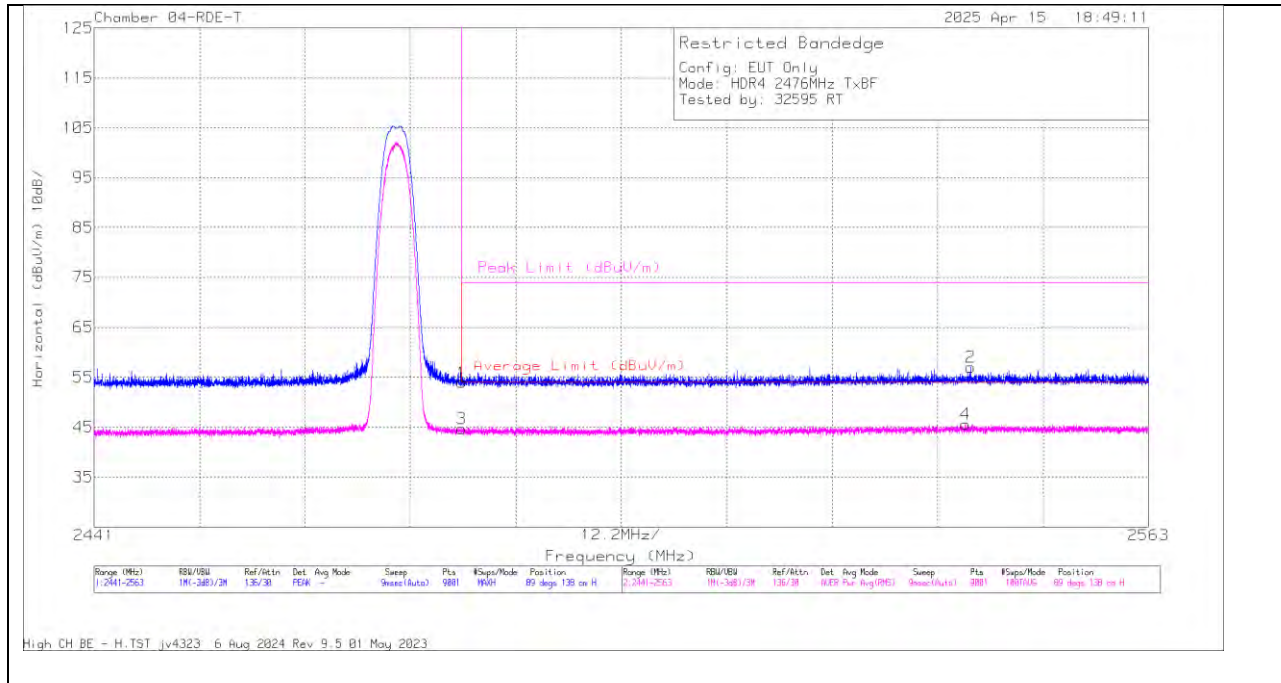


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	59.86	Pk	32	0	-38.81	53.05	-	-	74	-20.95	249	120	V
2	* 2381.863	62.44	Pk	32	0	-39.02	55.42	-	-	74	-18.58	249	120	V
3	* 2390	49.42	RMS	32	1.28	-38.81	43.89	54	-10.11	-	-	249	120	V
4	* 2379.287	50.55	RMS	32	1.28	-39.05	44.78	54	-9.22	-	-	249	120	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

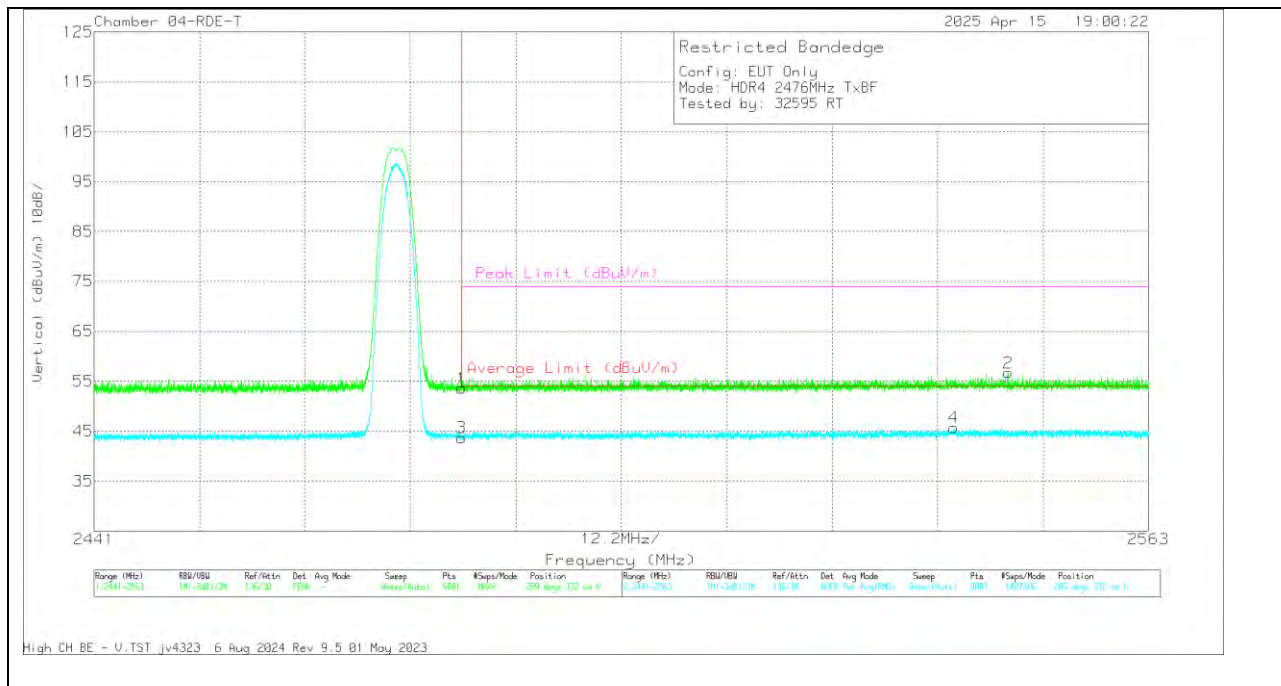
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.49	Pk	32.2	0	-38.74	53.95	-	-	74	-20.05	89	138	H
3	* 2483.5	50.19	RMS	32.2	1.28	-38.74	44.93	54	-9.07	-	-	89	138	H
4	2541.816	50.54	RMS	32.4	1.28	-38.39	45.83	54	-8.17	-	-	89	138	H
2	2542.412	63.06	Pk	32.4	0	-38.39	57.07	-	-	74	-16.93	89	138	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 (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	* 2483.5	60.12	PK	32.2	0	-38.74	53.58	-	-	74	-20.42	289	372	V
3	* 2483.5	49.17	RMS	32.2	1.28	-38.74	43.91	54	-10.09	-	-	289	372	V
4	2540.46	50.69	RMS	32.4	1.28	-38.42	45.95	54	-8.05	-	-	289	372	V
2	2546.737	62.75	PK	32.4	0	-38.44	56.71	-	-	74	-17.29	289	372	V

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

PK - Peak detector

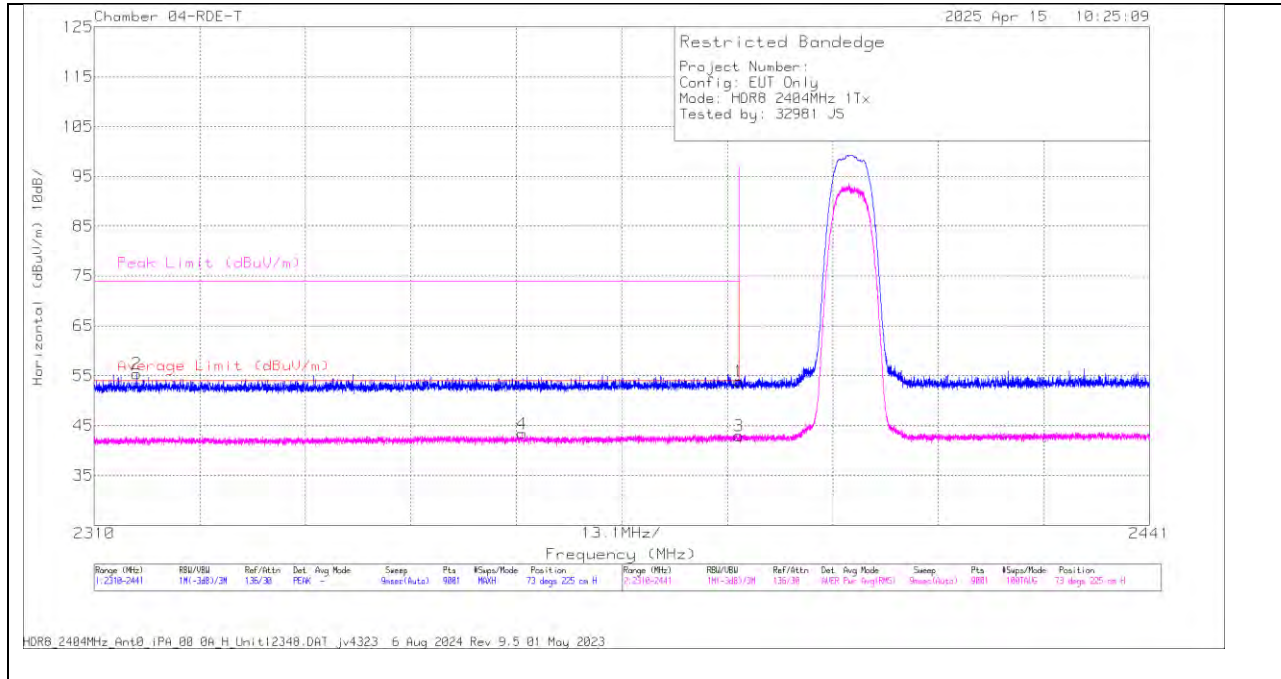
RMS - RMS detection

10.2.7. LOW POWER HDR (HDR8)

ANT 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



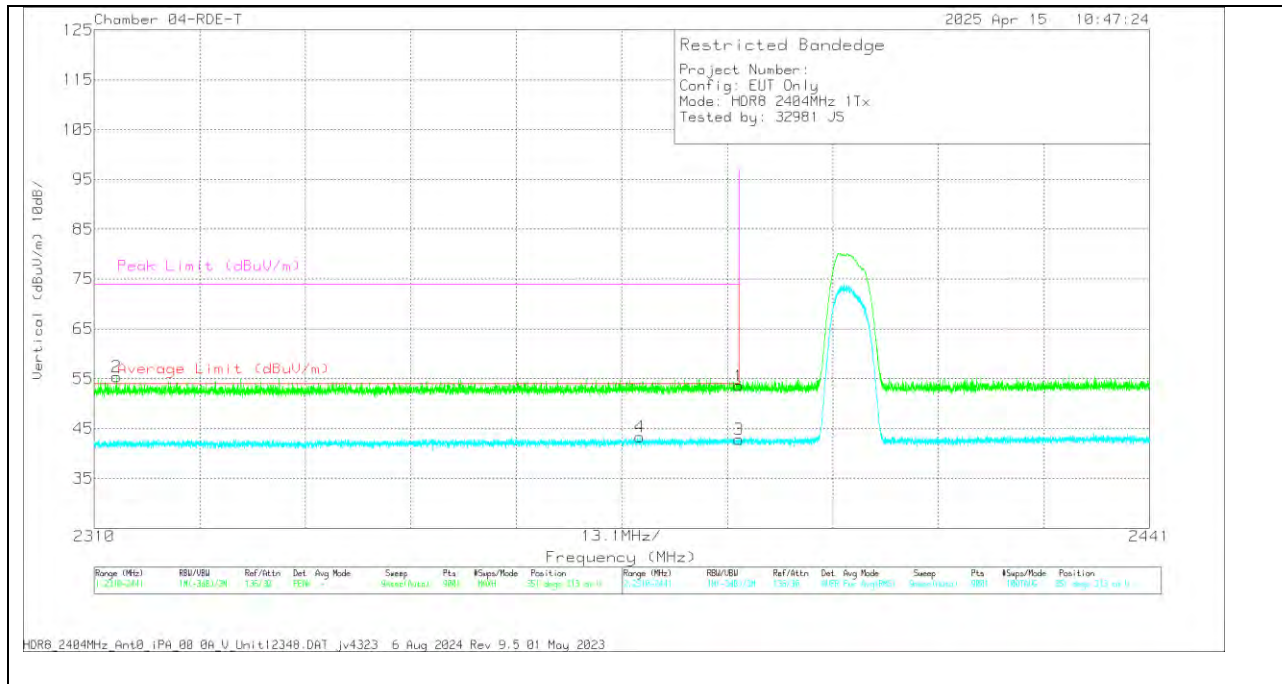
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.71	Pk	32	0	-38.81	53.9	-	-	74	-20.1	73	225	H
2	* 2315.269	62.79	Pk	31.7	0	-39.09	55.4	-	-	74	-18.6	73	225	H
3	* 2390	49.72	RMS	32	1.31	-38.81	43.72	54	-9.78	-	-	73	225	H
4	* 2363.1	50.48	RMS	31.9	1.31	-38.99	44.20	54	-9.30	-	-	73	225	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

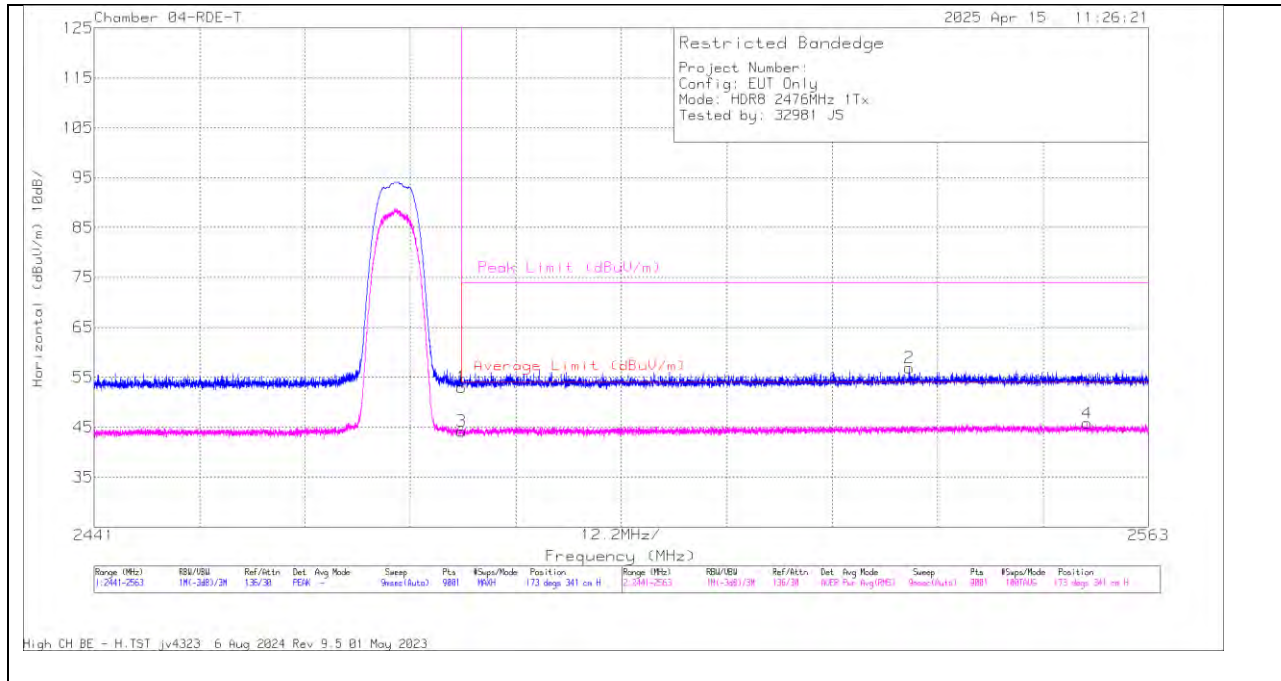


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.39	Pk	32	0	-38.81	53.58	-	-	74	-20.42	351	313	V
2	* 2312.751	62.79	Pk	31.7	0	-39.11	55.38	-	-	74	-18.62	351	313	V
3	* 2390	49.68	RMS	32	1.31	-38.81	44.18	54	-9.82	-	-	351	313	V
4	* 2377.744	50.34	RMS	32	1.31	-38.99	44.66	54	-9.39	-	-	351	313	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

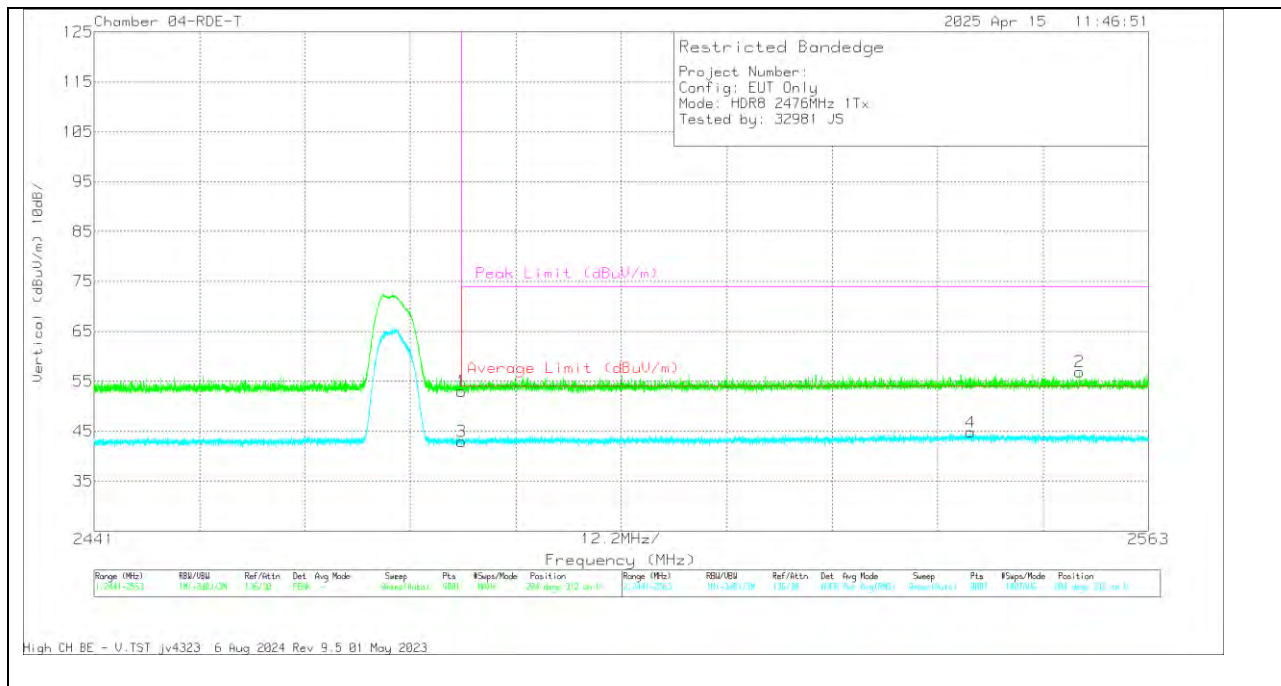
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	59.55	Pk	32.2	0	-38.74	53.01	-	-	74	-20.99	173	341	H
3	* 2483.5	49.65	RMS	32.2	1.31	-38.74	44.42	54	-9.58	-	-	173	341	H
2	2535.35	63.06	Pk	32.4	0	-38.51	56.95	-	-	74	-17.05	173	341	H
4	2555.928	50.64	RMS	32.4	1.31	-38.31	46.04	54	-7.94	-	-	173	341	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

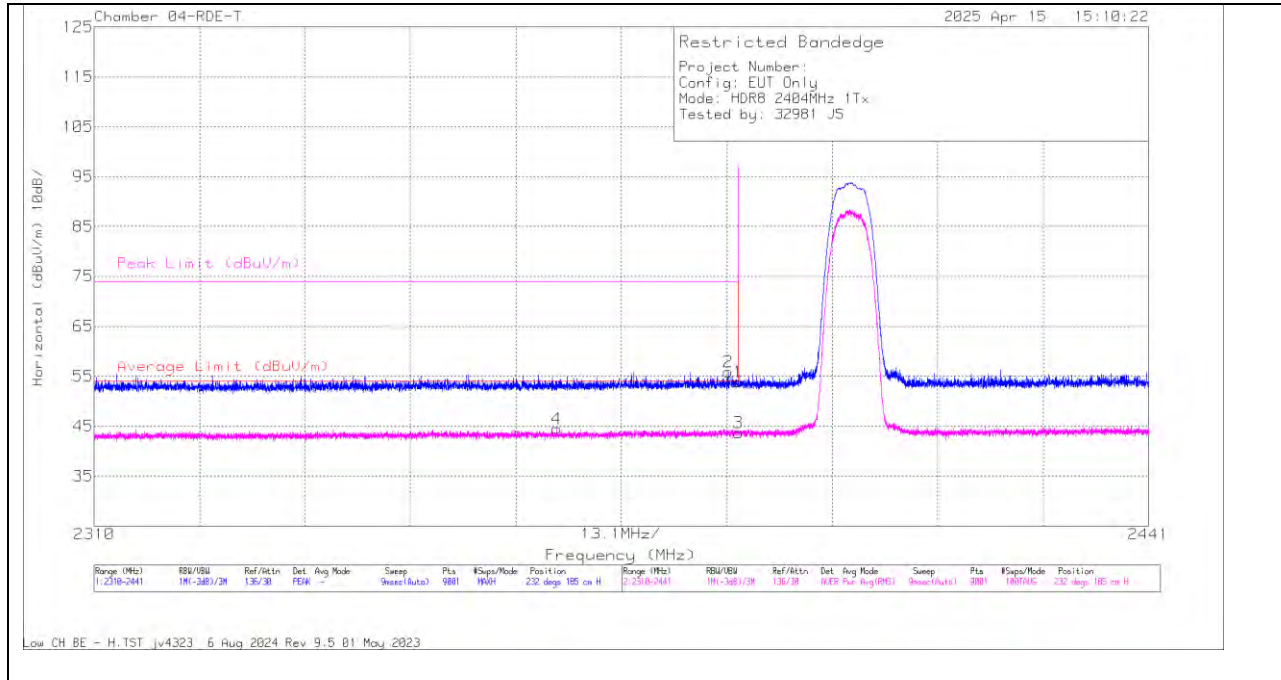


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	59.56	Pk	32.2	0	-38.74	53.02	-	-	74	-20.98	204	312	V
3	* 2483.5	49.49	RMS	32.2	1.31	-38.74	44.26	54	-9.74	-	-	204	312	V
4	2542.44	50.77	RMS	32.4	1.31	-38.39	46.09	54	-7.91	-	-	204	312	V
2	2555.006	62.81	Pk	32.4	0	-38.3	56.91	-	-	74	-17.09	204	312	V

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

Pk - Peak detector

RMS - RMS detection

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

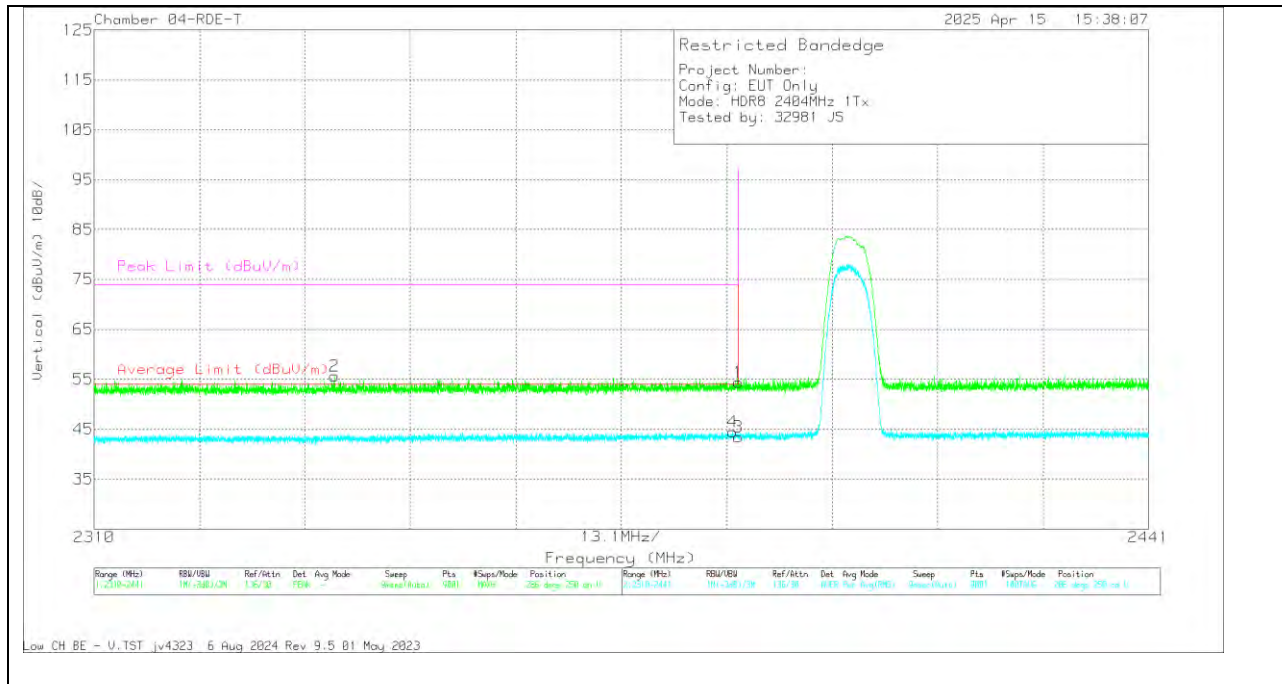
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	60.66	PK	32	0	-38.81	53.85	-	-	74	-20.15	232	185	H
2	* 2388.763	62.71	PK	32	0	-38.86	55.85	-	-	74	-18.15	232	185	H
3	* 2390	49.47	RMS	32	1.31	-38.81	43.97	54	-10.03	-	-	232	185	H
4	* 2367.453	50.56	RMS	31.9	1.31	-39	44.77	54	-9.23	-	-	232	185	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

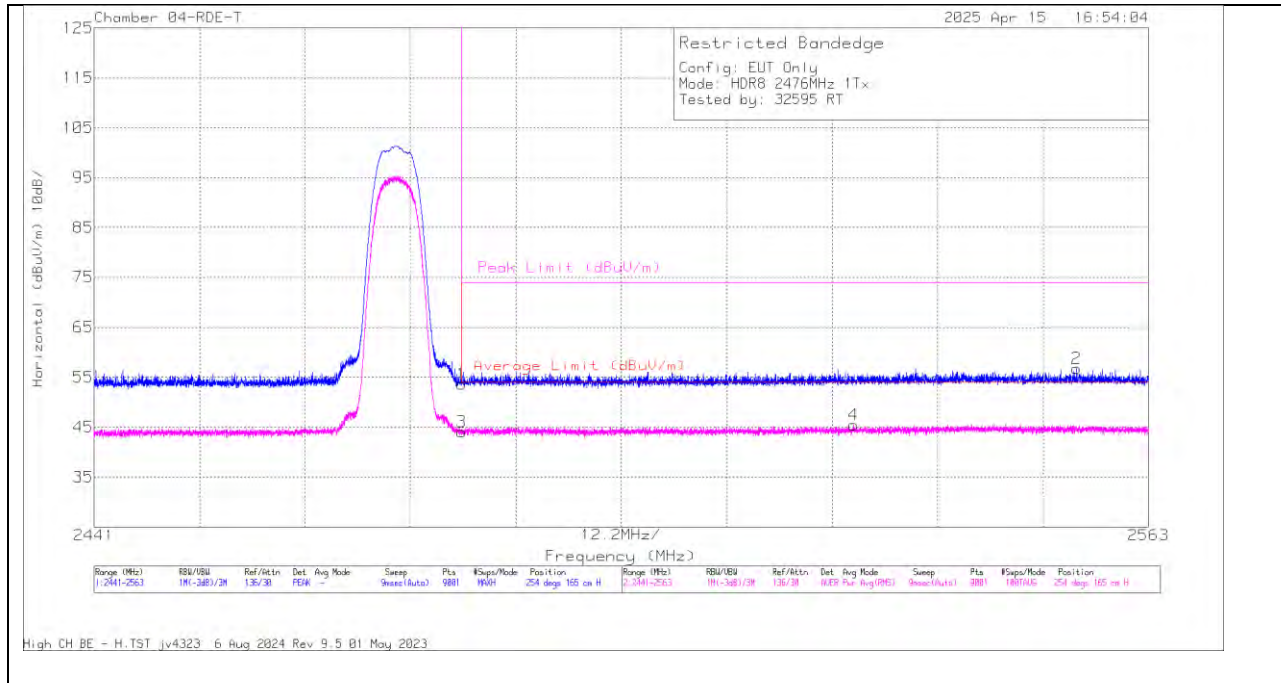


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	61.17	Pk	32	0	-38.81	54.36	-	-	74	-19.64	286	250	V
2	* 2339.825	62.93	Pk	31.8	0	-39.09	55.64	-	-	74	-18.36	286	250	V
3	* 2390	49.17	RMS	32	1.31	-38.81	43.67	54	-10.33	-	-	286	250	V
4	* 2389.33	50.27	RMS	32	1.31	-38.85	44.73	54	-9.27	-	-	286	250	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

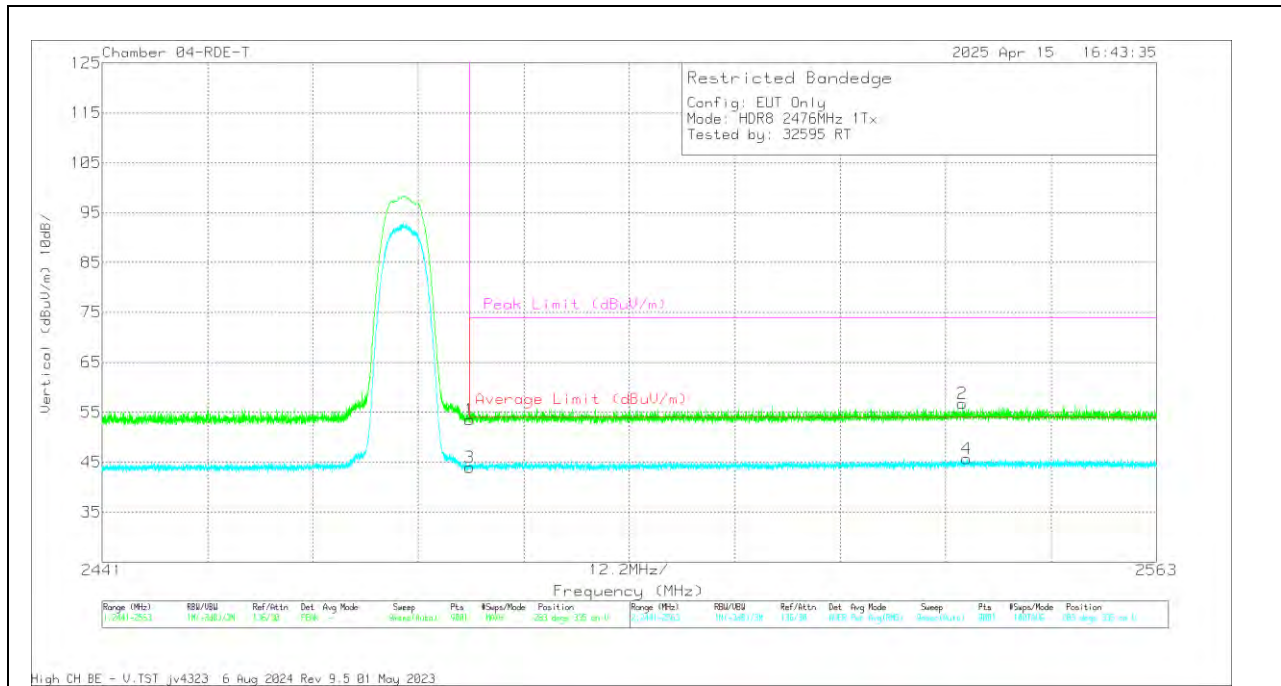
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	79834 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	60.14	Pk	32.2	0	-38.74	53.6	-	-	74	-20.4	254	165	H
3	* 2483.5	49.56	RMS	32.2	1.31	-38.74	44.31	54	-9.67	-	-	254	165	H
4	2528.884	50.63	RMS	32.4	1.31	-38.58	45.76	54	-8.24	-	-	254	165	H
2	2554.694	62.73	Pk	32.4	0	-38.32	56.81	-	-	74	-17.19	254	165	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 (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	* 2483.5	60.04	Pk	32.2	0	-38.74	53.5	-	-	74	-20.5	283	335	V
3	* 2483.5	49.45	RMS	32.2	1.31	-38.74	44.22	54	-9.78	-	-	283	335	V
2	2540.515	62.78	Pk	32.4	0	-38.42	56.76	-	-	74	-17.24	283	335	V
4	2541.043	50.71	RMS	32.4	1.31	-38.4	46.03	54	-7.98	-	-	283	335	V

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

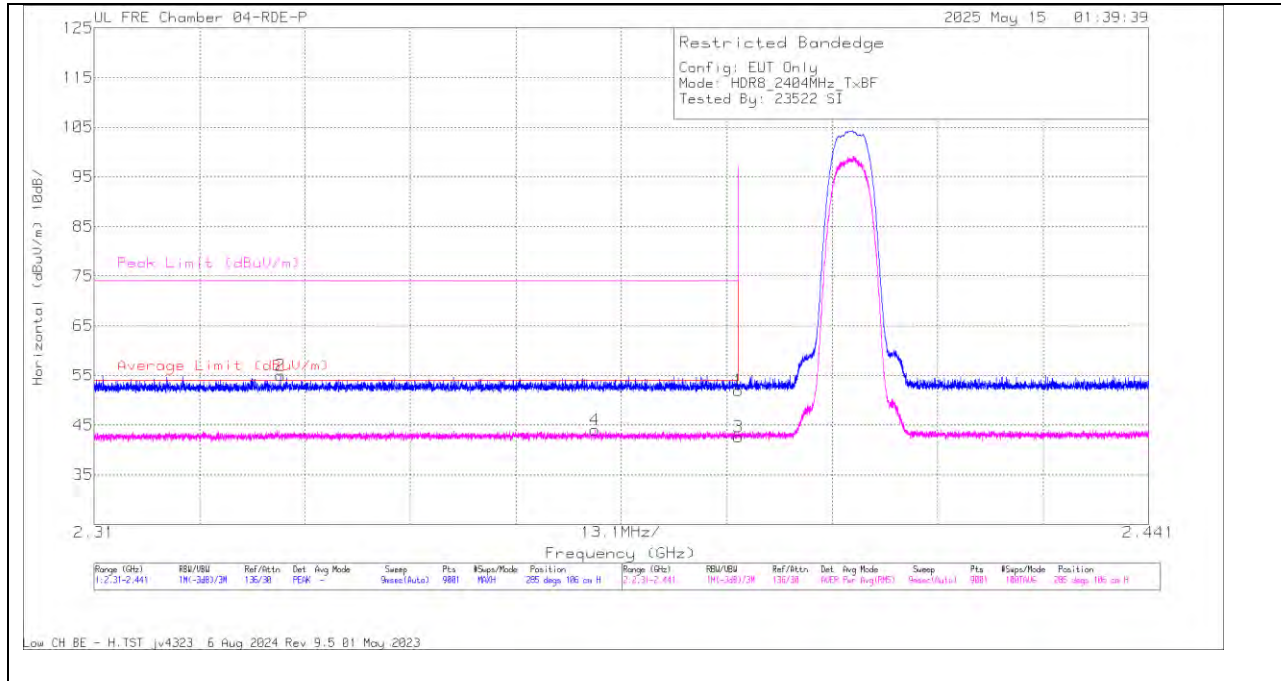
Pk - Peak detector

RMS - RMS detection

10.2.8. LOW POWER HDR TXBF (HDR8)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



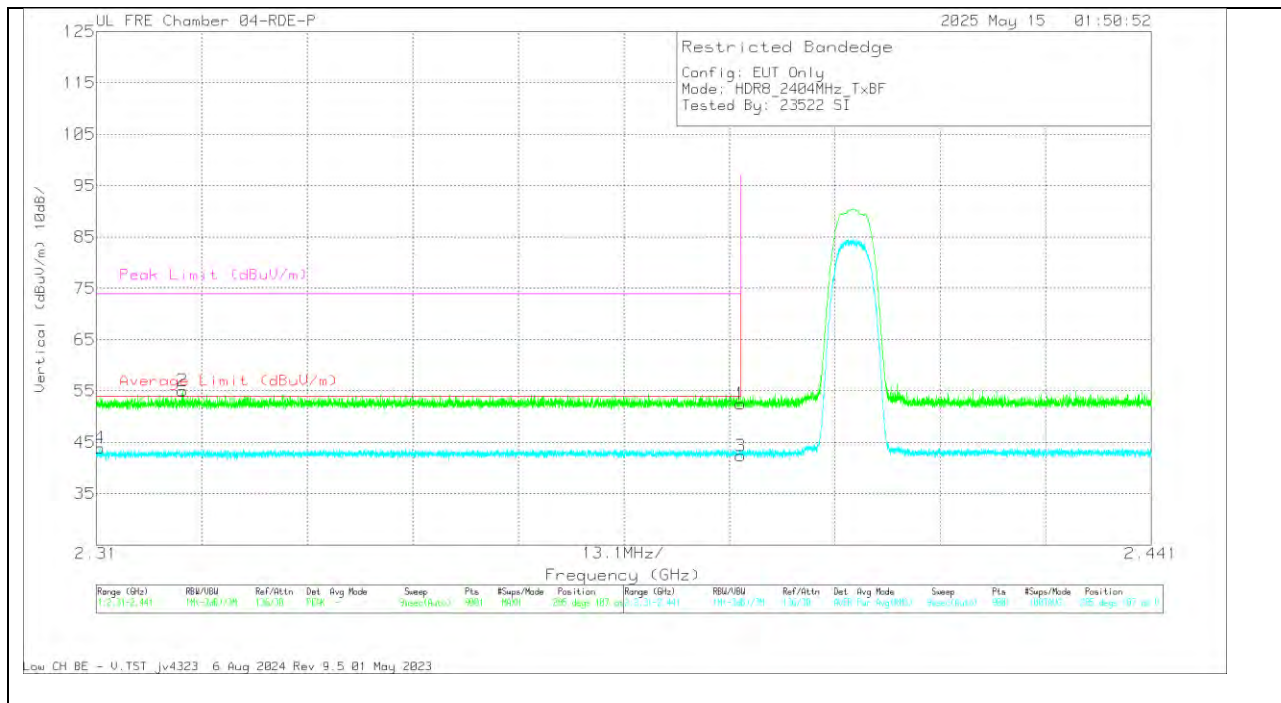
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.333144	63.77	Pk	31.9	0	-40.65	55.02	-	-	74	-18.98	285	106	H
4	2.372241	51.52	RMS	32	1.31	-40.59	44.24	54	-10.76	-	-	285	106	H
1	2.39	60.58	Pk	32	0	-40.59	51.99	-	-	74	-22.01	285	106	H
3	2.39	50.21	RMS	32	1.31	-40.59	42.93	54	-11.07	-	-	285	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



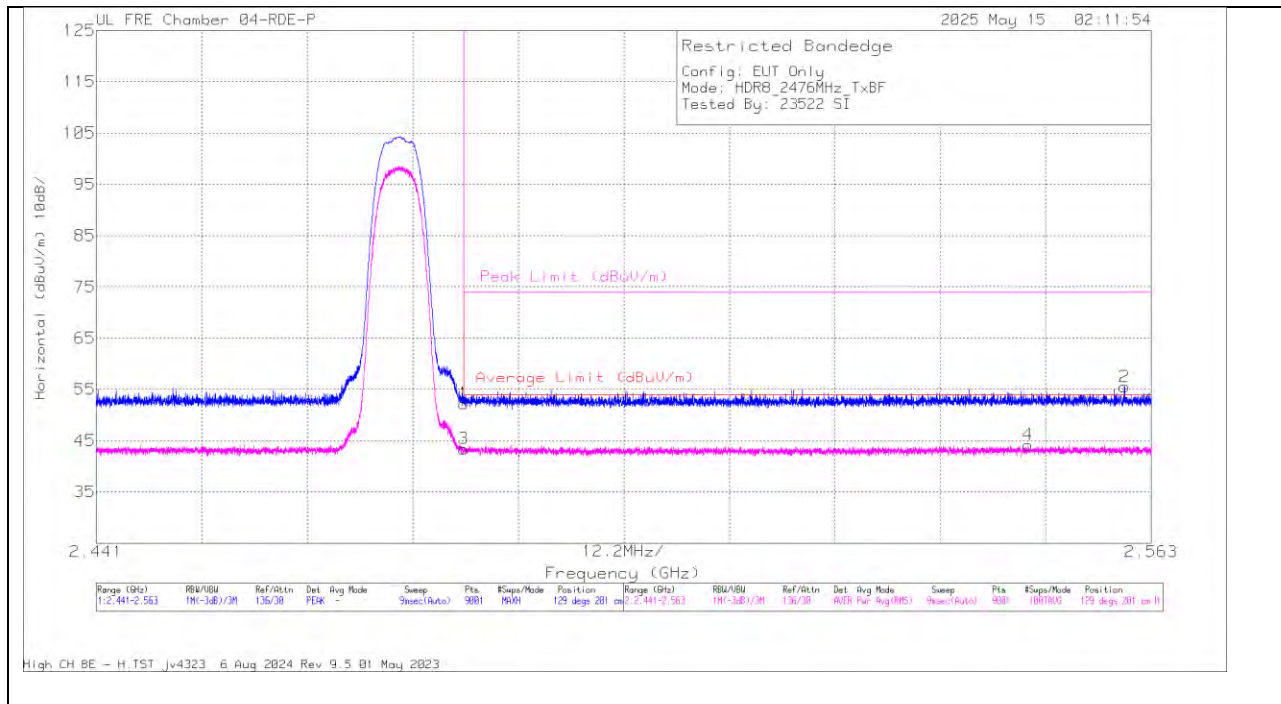
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	2.310466	51.69	RMS	31.8	1.31	-40.47	44.23	54	-9.87	-	-	285	107	V
2	2.320713	63.93	Pk	31.8	0	-40.67	55.06	-	-	74	-18.94	285	107	V
1	2.39	61.08	Pk	32	0	-40.59	52.49	-	-	74	-21.51	285	107	V
3	2.39	49.9	RMS	32	1.31	-40.59	42.62	54	-11.38	-	-	285	107	V

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

PK - Peak detector

RMS - RMS detection

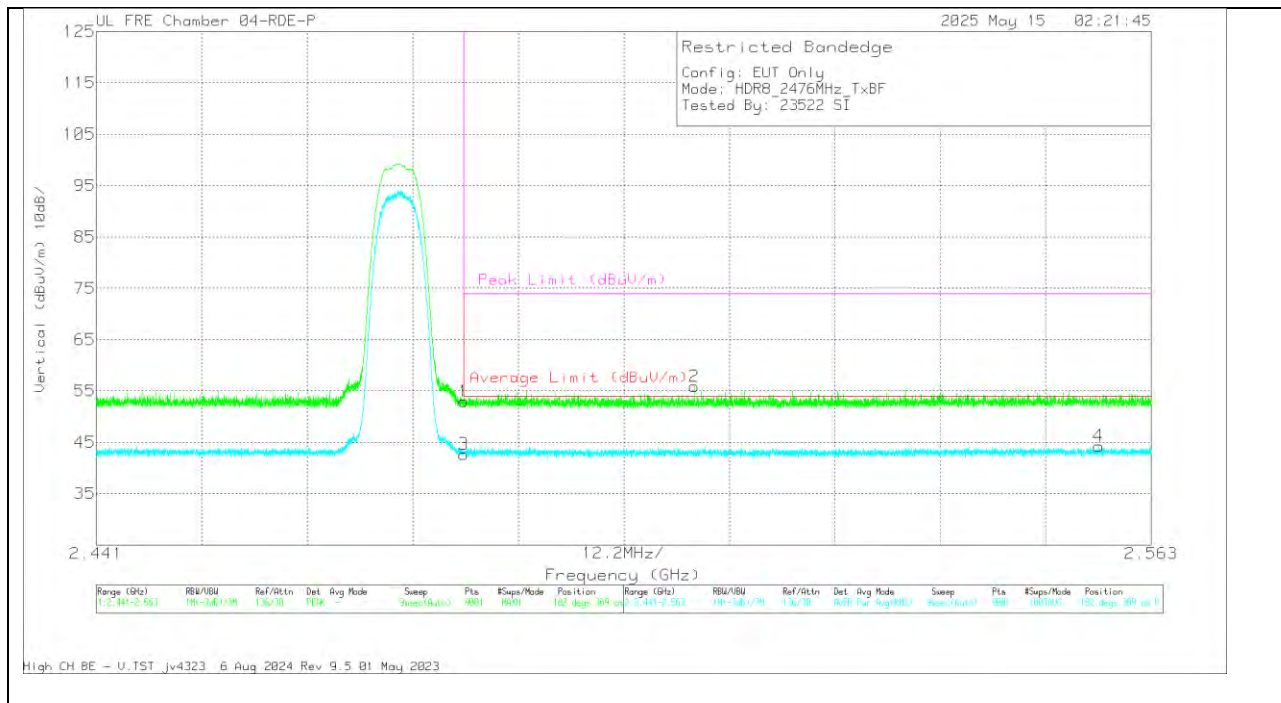
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 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	60.67	Pk	32.2	0	-40.62	52.25	-	-	74	-21.75	129	201	H
3	2.4835	50.79	RMS	32.2	1.31	-40.62	43.68	54	-10.32	-	-	129	201	H
4	2.54873	51.43	RMS	32.2	1.31	-40.52	44.42	54	-9.58	-	-	129	201	H
2	2.5599	63.79	Pk	32.2	0	-40.49	55.5	-	-	74	-18.5	129	201	H

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VERTICAL RESULT

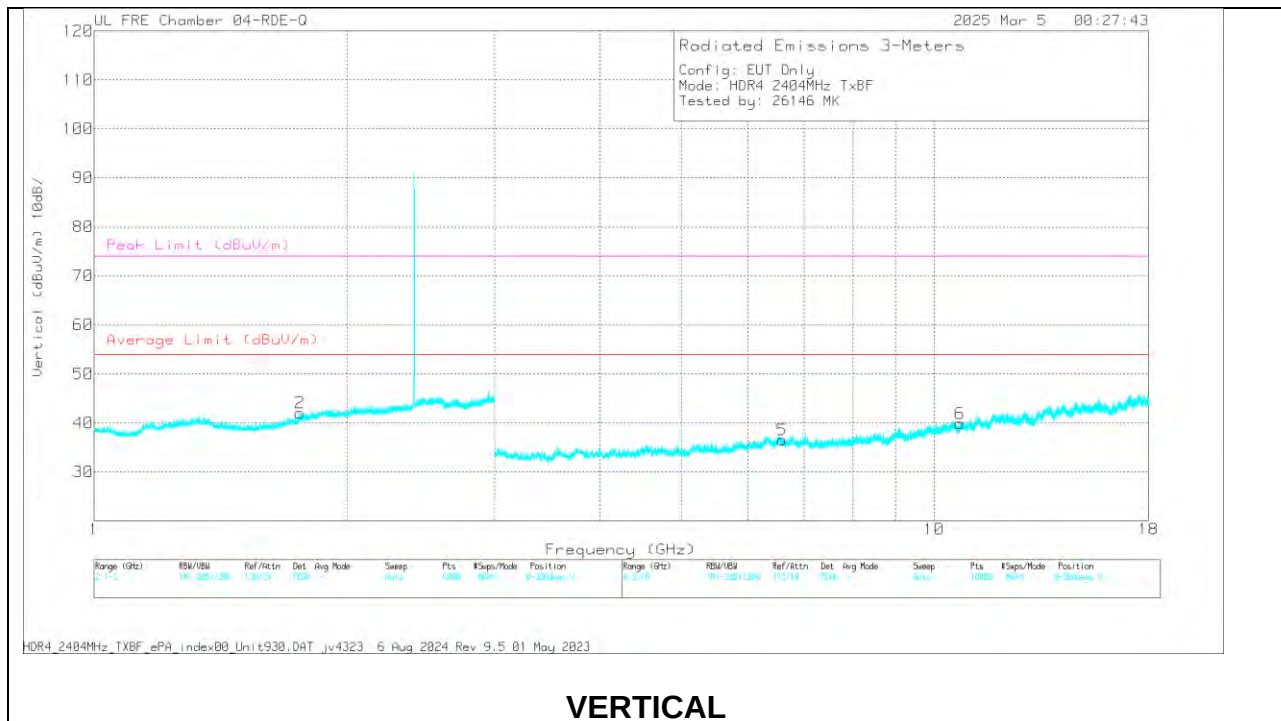
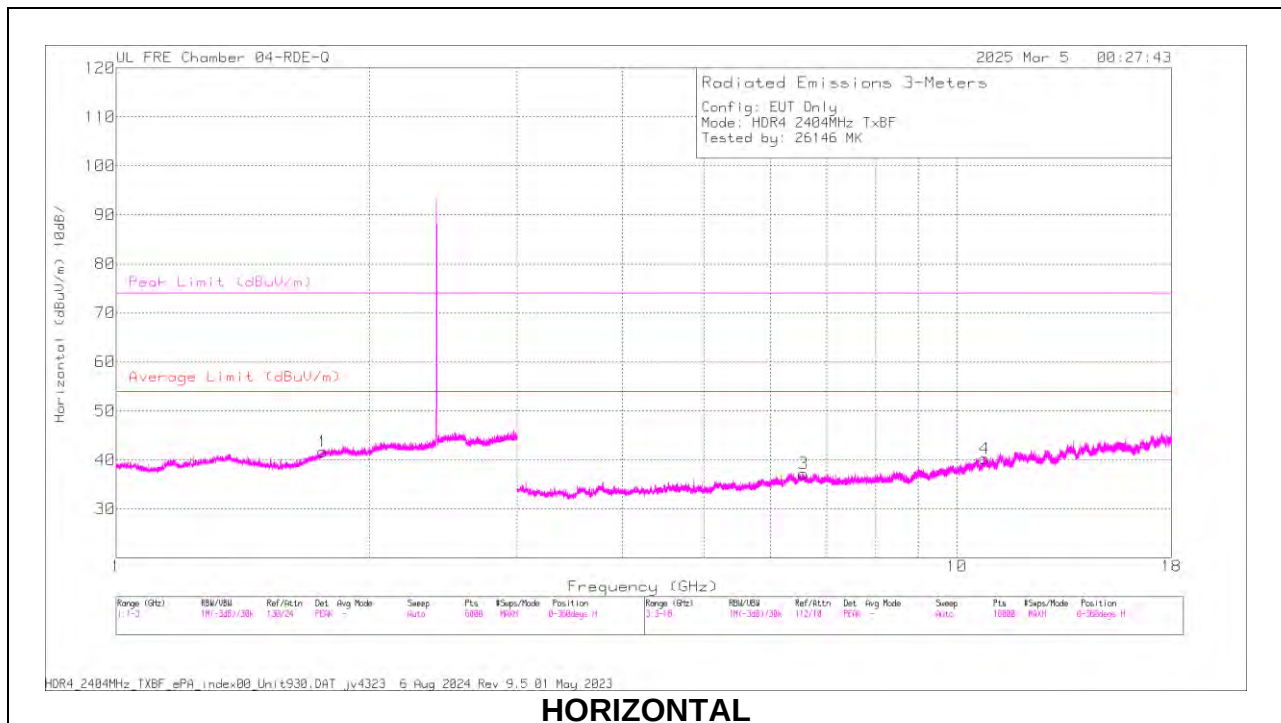


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200897 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.4835	61.36	Pk	32.2	0	-40.62	52.94	-	-	74	-21.06	182	389	V
3	2.4835	50.03	RMS	32.2	1.31	-40.62	42.92	54	-11.07	-	-	182	389	V
2	2.510149	64.26	Pk	32.2	0	-40.59	55.87	-	-	74	-18.13	182	389	V
4	2.556917	51.49	RMS	32.2	1.31	-40.49	44.51	54	-9.49	-	-	182	389	V

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

Pk - Peak detector

RMS - RMS detection

10.2.9. HDR4 TXBF HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

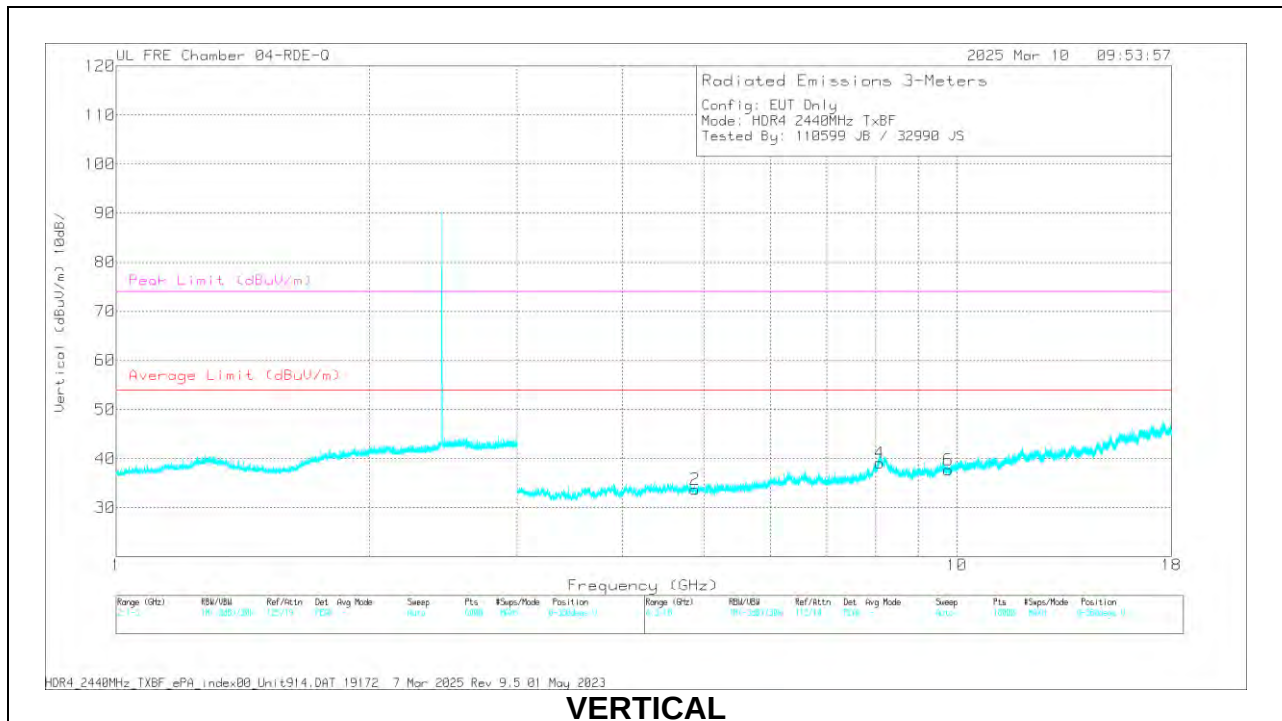
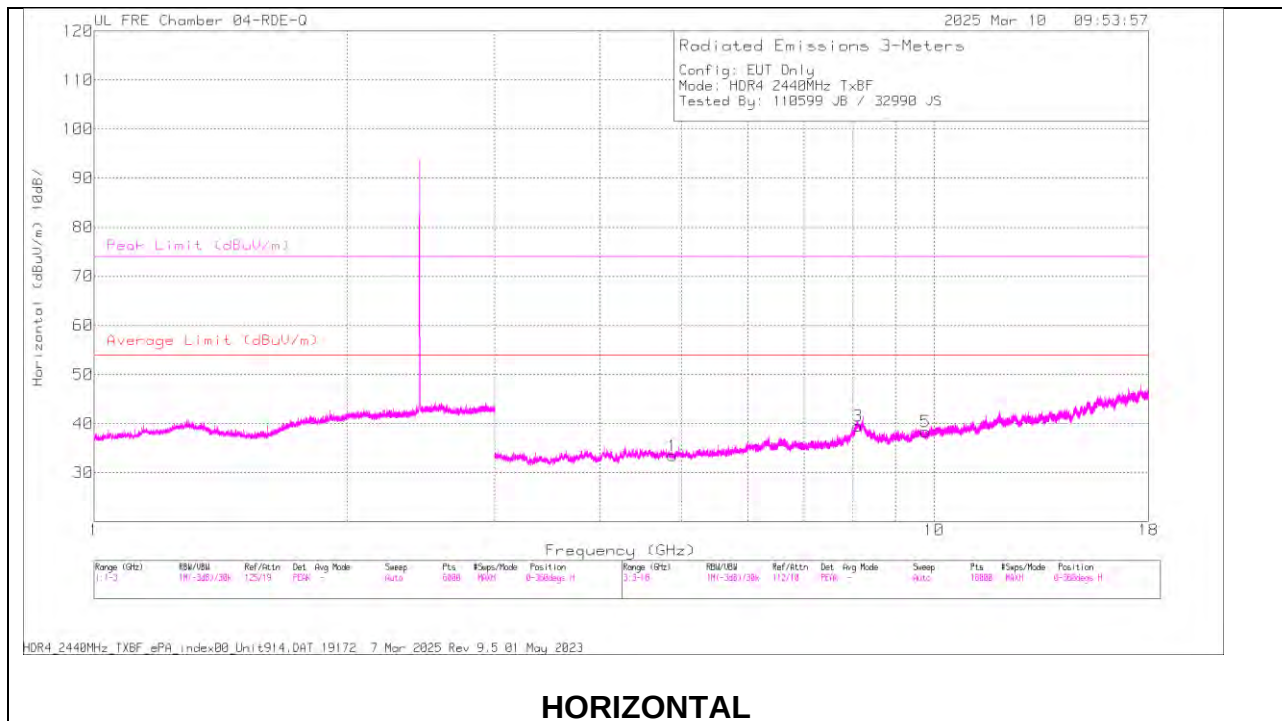
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	200785 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	1.758697	61.1	PK2	30	0	-38.52	52.58			74	-21.42	360	100	H
	1.760942	49.67	MAv1	30	1.28	-38.47	42.48	54	-11.52	-	-	360	100	H
2	1.759957	61.71	PK2	30	0	-38.46	53.25			74	-20.75	360	200	V
	1.757703	49.68	MAv1	29.9	1.28	-38.53	42.33	54	-11.67	-	-	360	200	V
3	6.568669	54.92	PK2	36	0	-44.11	46.81			74	-27.19	360	100	H
	6.569225	43.51	MAv1	36	1.28	-44.11	36.68	54	-17.32	-	-	360	100	H
5	6.589361	55.25	PK2	36	0	-44	47.25			74	-26.75	360	201	V
	6.591371	43.64	MAv1	36	1.28	-44.05	36.87	54	-17.13	-	-	360	201	V
6	10.726334	55.55	PK2	38	0	-44.62	48.93			74	-25.07	360	200	V
	10.728919	43.37	MAv1	38	1.28	-44.72	37.93	54	-16.07	-	-	360	200	V
4	10.795324	54.92	PK2	38	0	-44.89	48.03			74	-25.97	360	100	H
	10.795411	43.41	MAv1	38	1.28	-44.89	37.8	54	-16.2	-	-	360	100	H

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



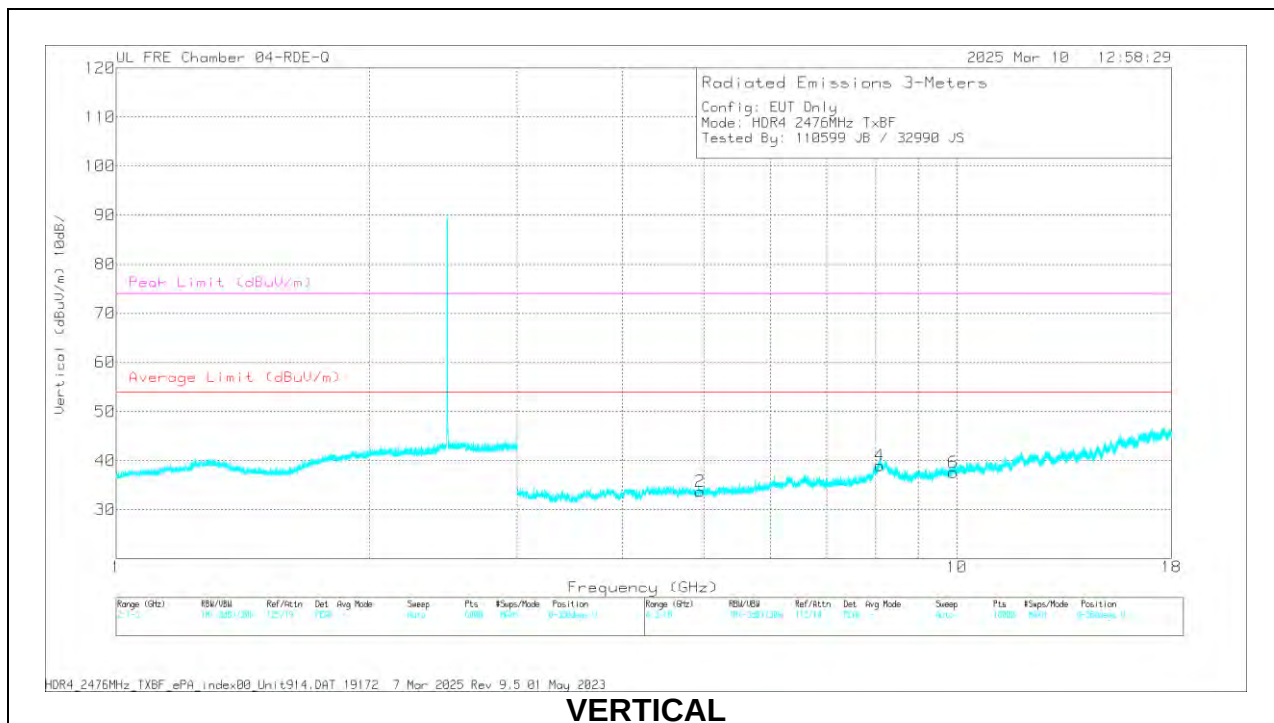
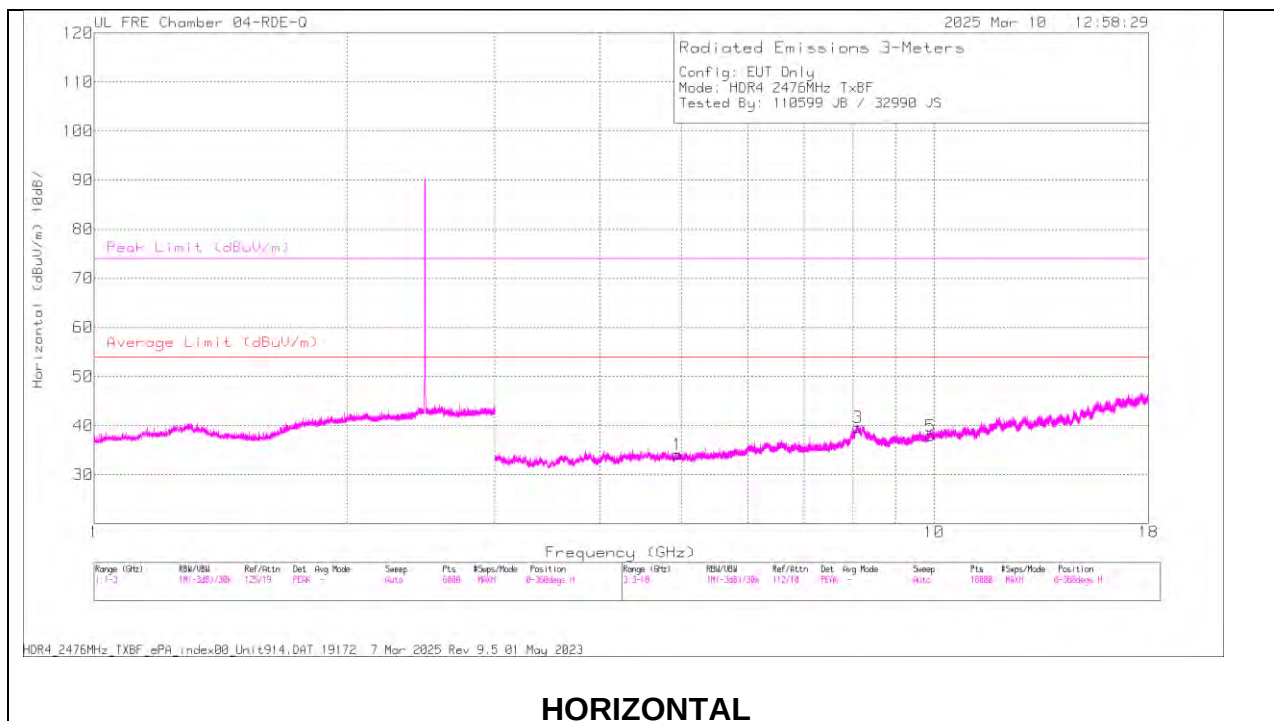
RADIATED EMISSIONS

Marker1	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	4.879837	56.55	PK2	34.2	0	-46.36	44.39			74	-29.61	128	168	H
	4.878836	44.59	MAv1	34.2	1.28	-46.35	33.72	54	-20.28	-	-	128	168	H
2	4.884902	56	PK2	34.2	0	-46.25	43.95			74	-30.05	17	112	V
	4.884197	44.72	MAv1	34.2	1.28	-46.23	33.97	54	-20.03	-	-	17	112	V
4	8.093843	54.78	PK2	36.1	0	-40.96	49.92			74	-24.08	332	292	V
	8.095229	43.02	MAv1	36.1	1.28	-40.98	39.42	54	-14.58	-	-	332	292	V
3	8.116425	54.94	PK2	36.1	0	-40.93	50.11			74	-23.89	314	362	H
	8.117116	43.57	MAv1	36.1	1.28	-40.93	40.02	54	-13.98	-	-	314	362	H
5	9.759374	56.04	PK2	37	0	-43.86	49.18			74	-24.82	61	311	H
	9.760127	43.9	MAv1	37	1.28	-43.87	38.31	54	-15.79	-	-	61	311	H
6	9.760405	55.22	PK2	37	0	-43.87	48.35			74	-25.65	147	333	V
	9.763657	43.81	MAv1	37	1.28	-43.87	38.22	54	-15.88	-	-	147	333	V

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS

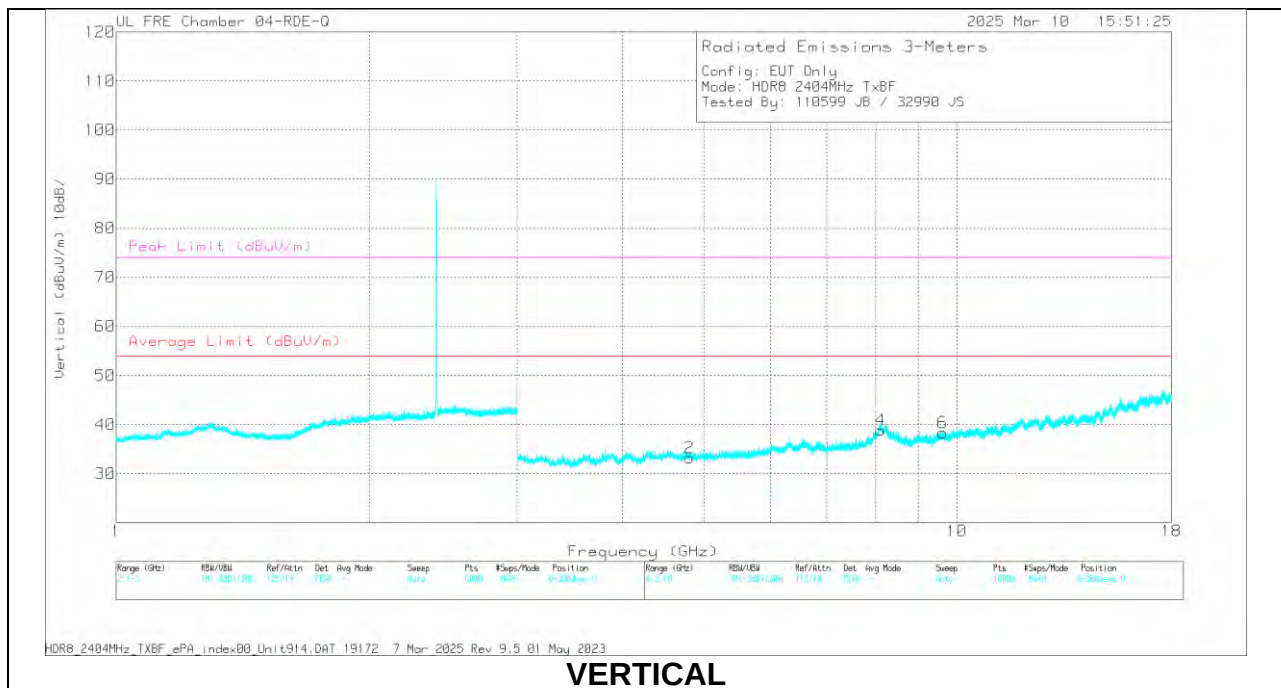
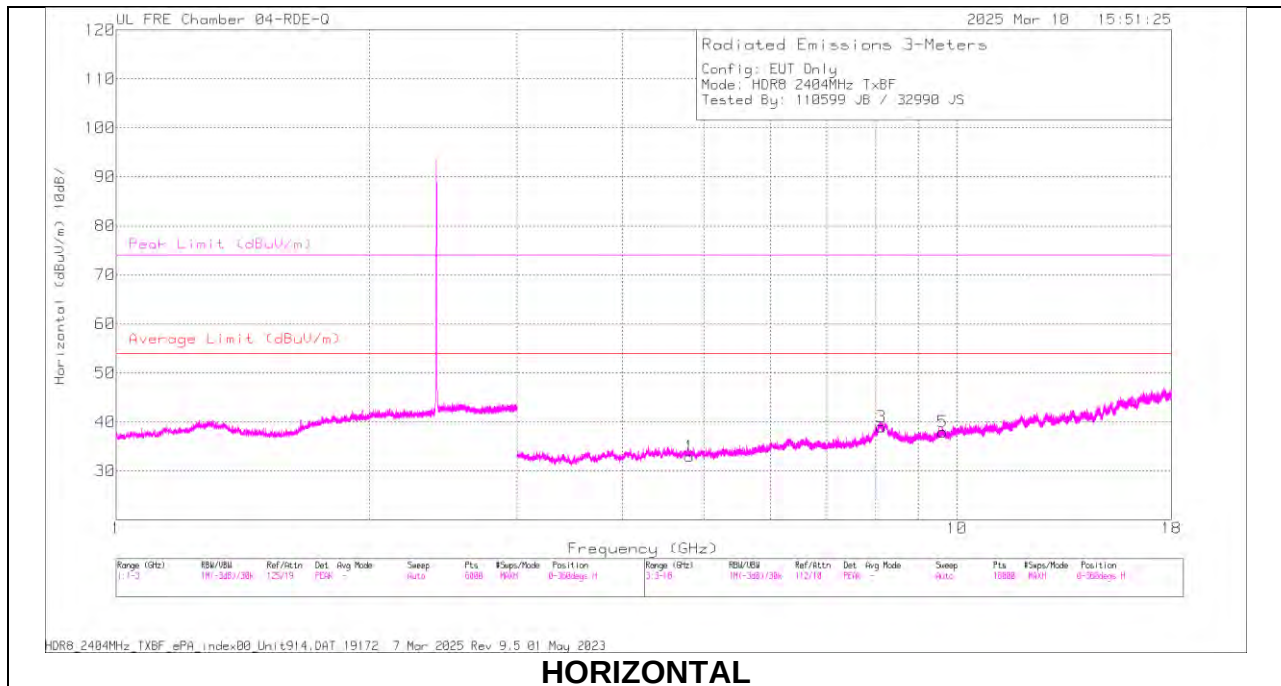


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	4.950421	56.46	PK2	34.4	0	-46.26	44.6			74	-29.4	253	103	V
	4.947812	44.44	MAv1	34.4	1.28	-46.21	33.91	54	-20.09	-	-	253	103	V
1	4.952895	56.27	PK2	34.4	0	-46.2	44.47			74	-29.53	266	358	H
	4.952208	44.78	MAv1	34.4	1.28	-46.22	34.24	54	-19.76	-	-	266	358	H
4	8.093382	55.01	PK2	36.1	0	-40.96	50.15			74	-23.85	293	241	V
	8.093099	42.79	MAv1	36.1	1.28	-40.96	39.21	54	-14.79	-	-	293	241	V
3	8.113692	54.41	PK2	36.1	0	-40.96	49.55			74	-24.45	262	167	H
	8.115908	43.34	MAv1	36.1	1.28	-40.93	39.79	54	-14.21	-	-	262	167	H
5	9.906438	55.35	PK2	37.2	0	-43.97	48.58			74	-25.42	234	179	H
	9.904936	43.54	MAv1	37.2	1.28	-43.95	38.07	54	-15.93	-	-	234	179	H
6	9.910336	55.16	PK2	37.2	0	-43.95	48.41			74	-25.59	175	359	V
	9.908619	43.65	MAv1	37.2	1.28	-43.99	38.14	54	-15.86	-	-	175	359	V

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

10.2.10. HDR8 TXBF HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

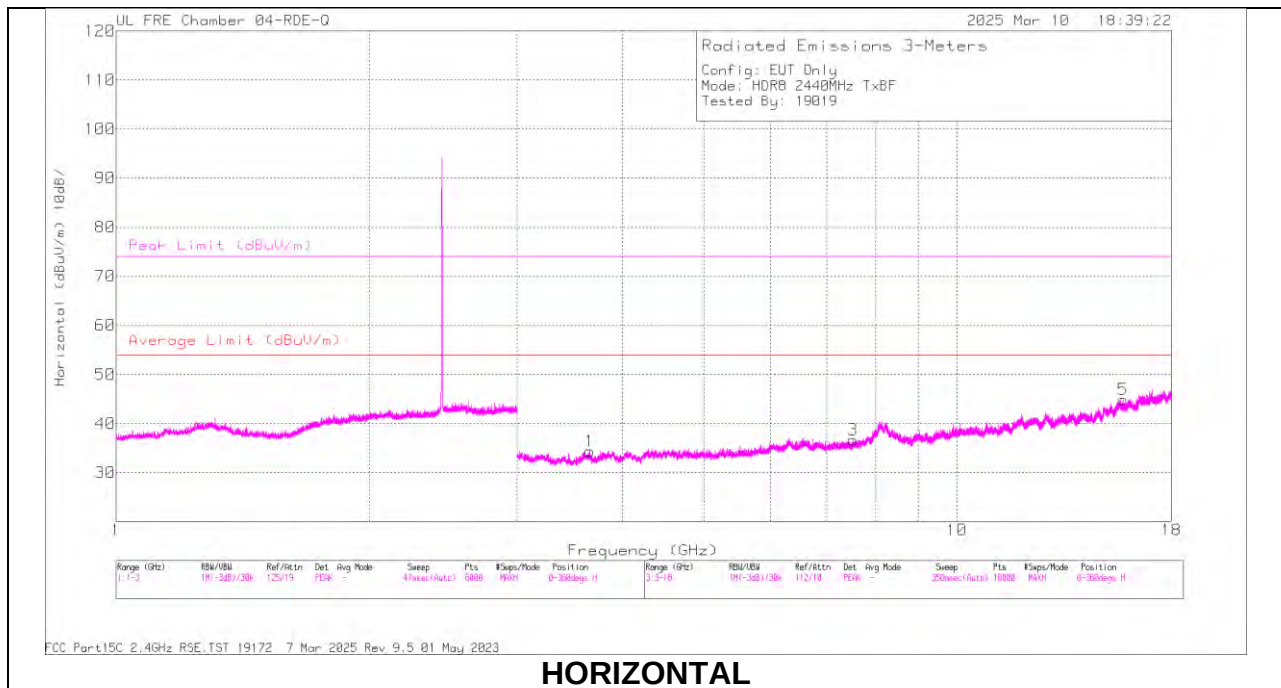
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	4.806616	44.86	MAv1	34.3	1.31	-46.43	34.04	54	-19.96	-	-	353	396	H
	4.807431	56.84	PK2	34.3	0	-46.46	44.68	-	-	74	-29.32	353	396	H
2	4.810603	56.67	PK2	34.3	0	-46.42	44.55	-	-	74	-29.45	182	179	V
	4.81152	44.69	MAv1	34.3	1.31	-46.38	33.92	54	-20.08	-	-	182	179	V
4	8.112989	54.96	PK2	36.1	0	-40.96	50.1	-	-	74	-23.9	117	192	V
	8.113217	43.32	MAv1	36.1	1.31	-40.96	39.77	54	-14.23	-	-	117	192	V
3	8.126627	42.95	MAv1	36.1	1.31	-40.96	39.40	54	-14.6	-	-	11	181	H
	8.126756	54.19	PK2	36.1	0	-40.96	49.33	-	-	74	-24.67	11	181	H
5	9.614454	55.56	PK2	36.8	0	-43.66	48.7	-	-	74	-25.3	323	357	V
	9.614933	43.95	MAv1	36.8	1.31	-43.64	38.42	54	-15.58	-	-	323	357	V
6	9.615289	43.85	MAv1	36.8	1.31	-43.63	38.33	54	-15.67	-	-	309	309	H
	9.616553	55.53	PK2	36.8	0	-43.61	48.72	-	-	74	-25.28	309	309	H

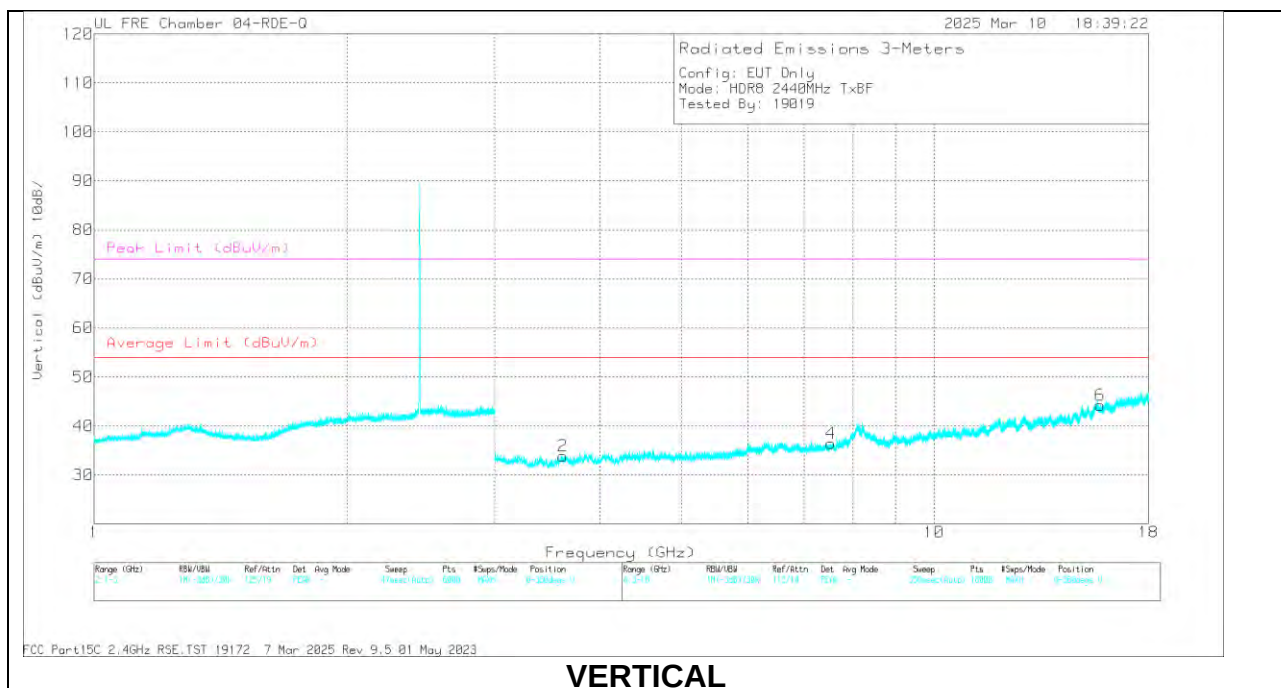
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

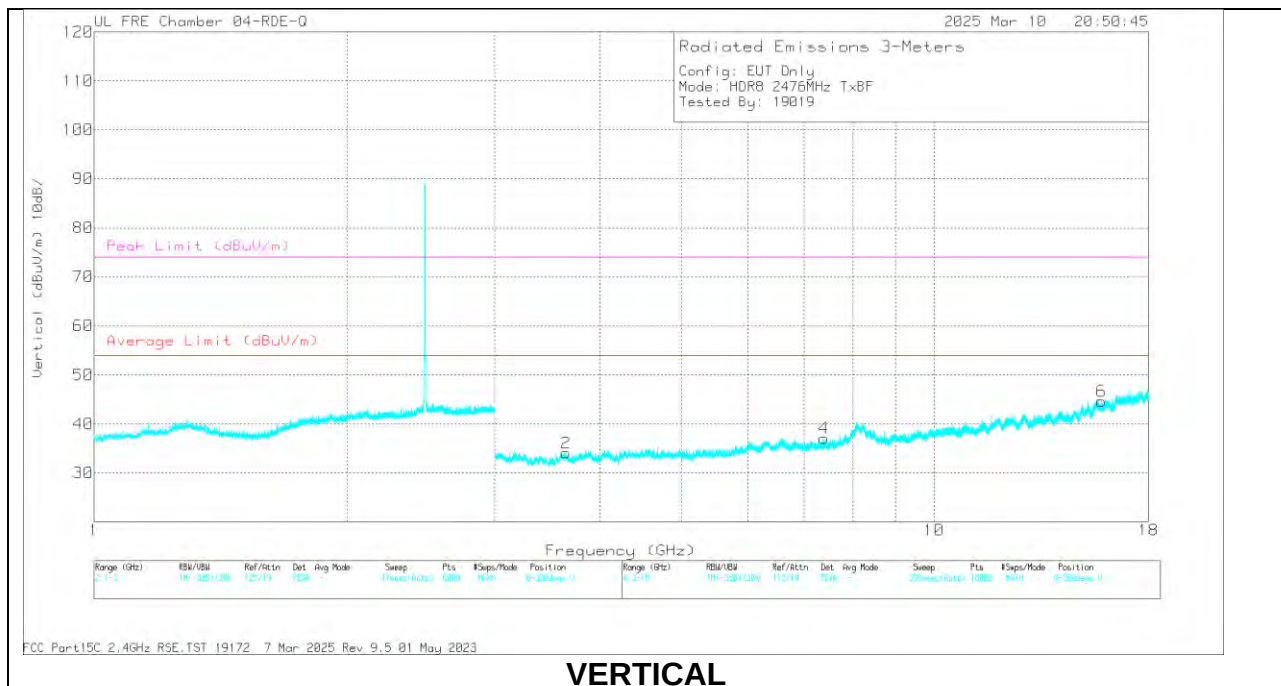
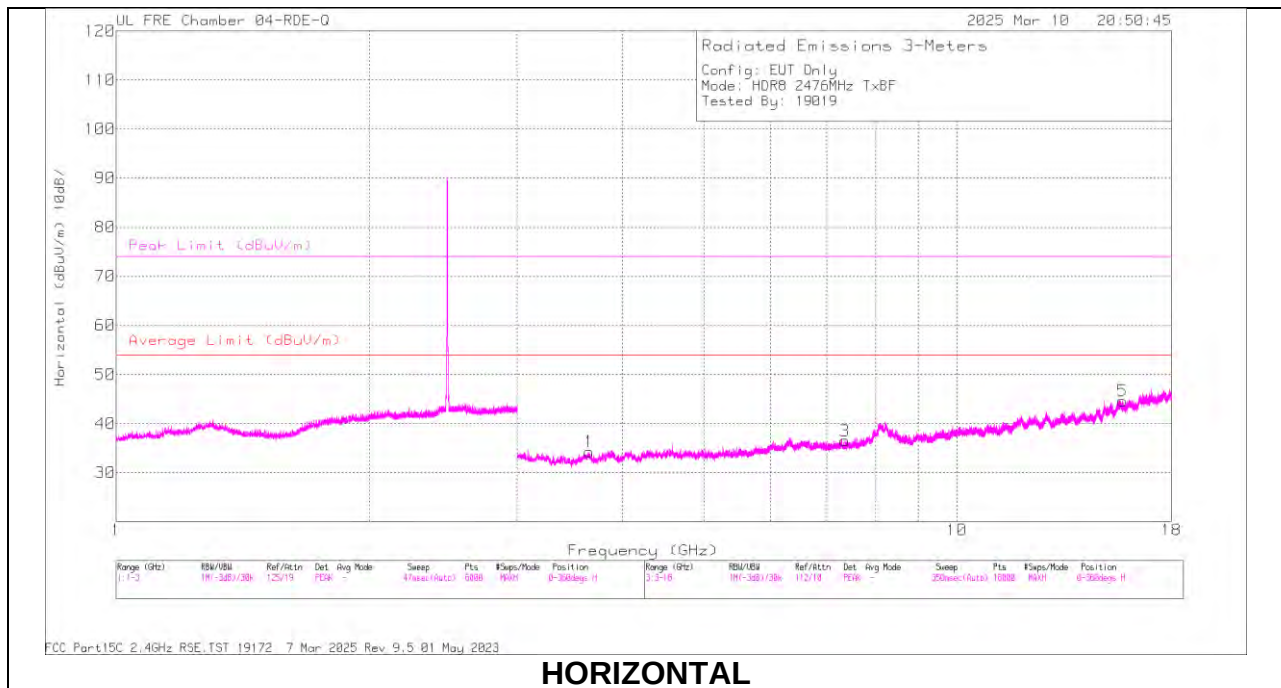
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF (dB/m)	DCCF (dB)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.658875	56.38	PK2	33.2	0	-45.48	44.1	-	-	74	-29.9	108	161	H
1	* 3.660449	44.48	MAv1	33.2	1.31	-45.54	33.45	54	-20.55	-	-	108	161	H
3	* 7.524636	54.52	PK2	35.6	0	-43.9	46.22	-	-	74	-27.78	163	128	H
3	* 7.526134	43.04	MAv1	35.6	1.31	-43.88	36.07	54	-17.93	-	-	163	128	H
5	* 15.76423	55.64	PK2	41	0	-41.46	55.18	-	-	74	-18.82	275	330	H
5	* 15.766421	44.16	MAv1	41	1.31	-41.4	45.07	54	-8.93	-	-	275	330	H
2	* 3.613737	56.82	PK2	33.1	0	-46.08	43.84	-	-	74	-30.16	191	160	V
2	* 3.614962	45.05	MAv1	33.1	1.31	-46.17	33.29	54	-20.71	-	-	191	160	V
4	* 7.542957	55.05	PK2	35.6	0	-43.93	46.72	-	-	74	-27.28	114	340	V
4	* 7.54378	43.12	MAv1	35.6	1.31	-43.94	36.09	54	-17.91	-	-	114	340	V
6	* 15.769859	56.24	PK2	41	0	-41.34	55.9	-	-	74	-18.1	336	399	V
6	* 15.76951	44.14	MAv1	41	1.31	-41.35	45.10	54	-8.9	-	-	336	399	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	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	* 3.650032	57.15	PK2	33.2	0	-45.7	44.65	-	-	74	-29.35	171	200	H
	* 3.649739	44.82	MAv1	33.2	1.31	-45.71	33.62	54	-20.38	-	-	171	200	H
3	* 7.35611	55.13	PK2	35.6	0	-44.49	46.24	-	-	74	-27.76	279	126	H
	* 7.355568	43.27	MAv1	35.6	1.31	-44.5	35.68	54	-18.32	-	-	279	126	H
5	* 15.754286	56.15	PK2	41	0	-41.7	55.45	-	-	74	-18.55	132	229	H
	* 15.756105	44.42	MAv1	41	1.31	-41.61	45.12	54	-8.88	-	-	132	229	H
2	* 3.644473	56.98	PK2	33.2	0	-45.74	44.44	-	-	74	-29.56	92	380	V
	* 3.645223	45.44	MAv1	33.2	1.31	-45.77	34.18	54	-19.82	-	-	92	380	V
4	* 7.395807	55.18	PK2	35.6	0	-44.42	46.36	-	-	74	-27.64	95	210	V
	* 7.394081	43.37	MAv1	35.6	1.31	-44.42	35.86	54	-18.14	-	-	95	210	V
6	* 15.819682	55.14	PK2	41	0	-41.43	54.71	-	-	74	-19.29	57	151	V
	* 15.817484	43.57	MAv1	41	1.31	-41.4	44.48	54	-9.52	-	-	57	151	V

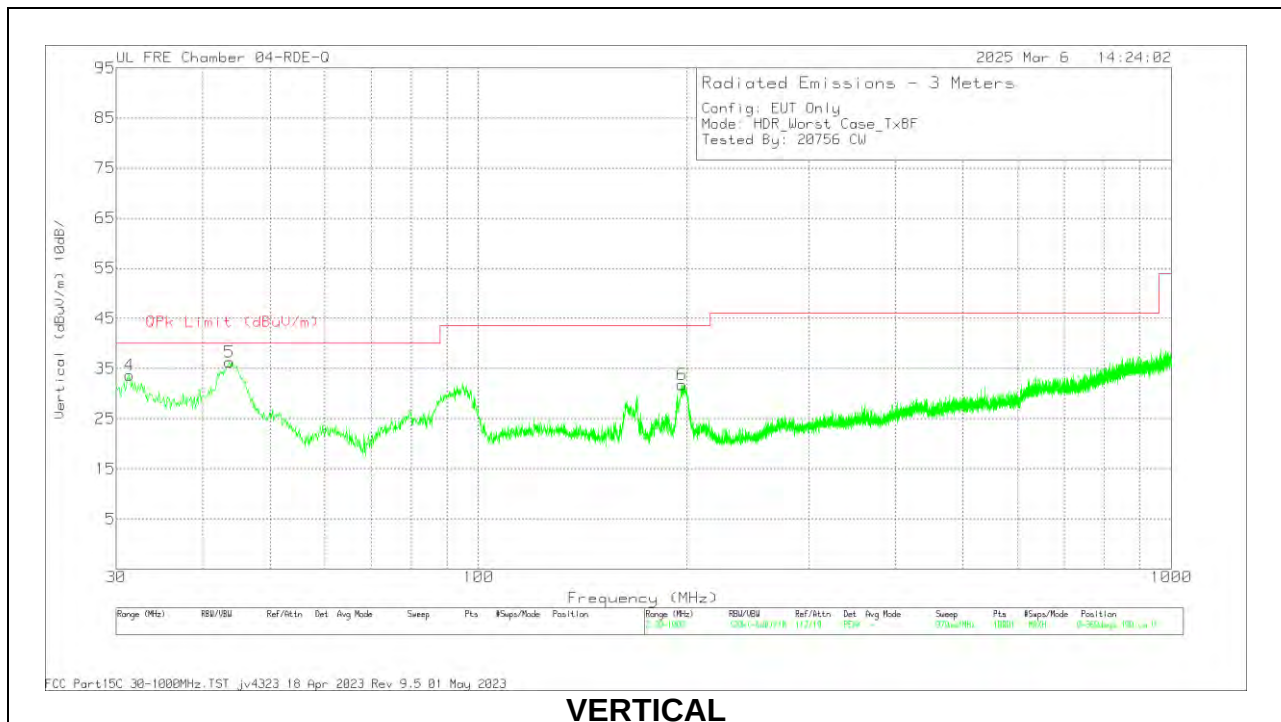
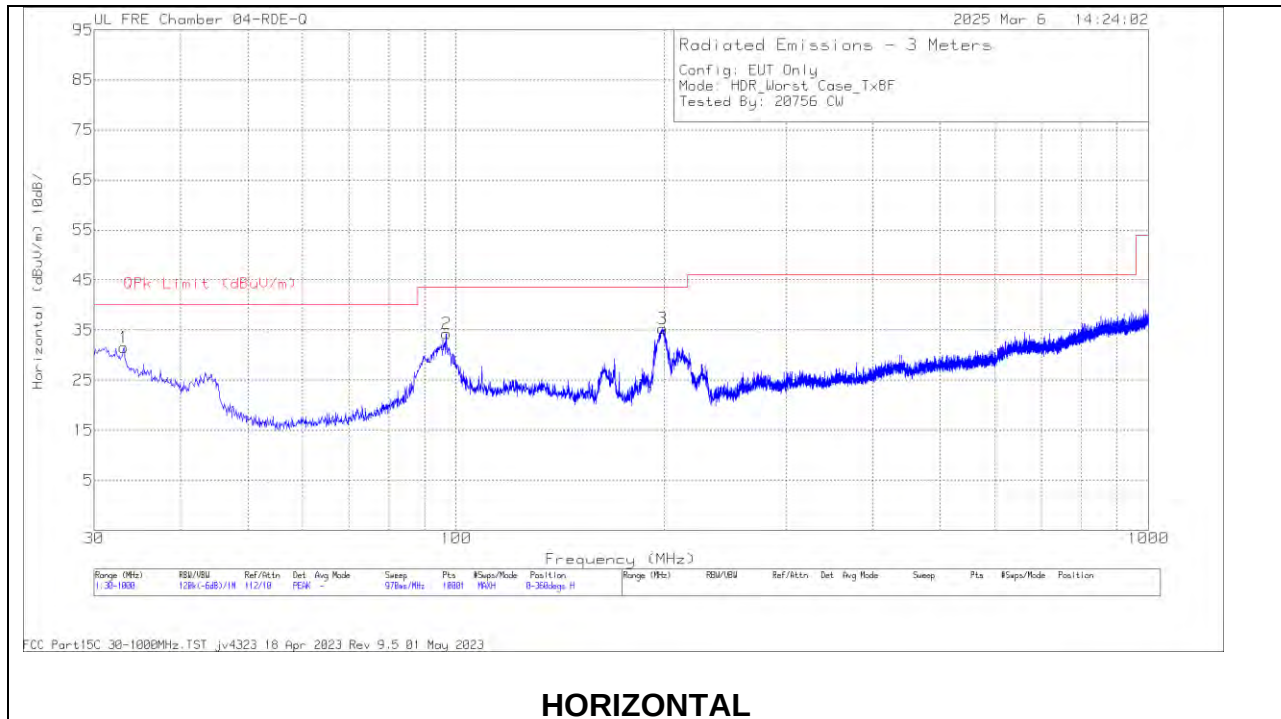
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



Below 1GHz Data

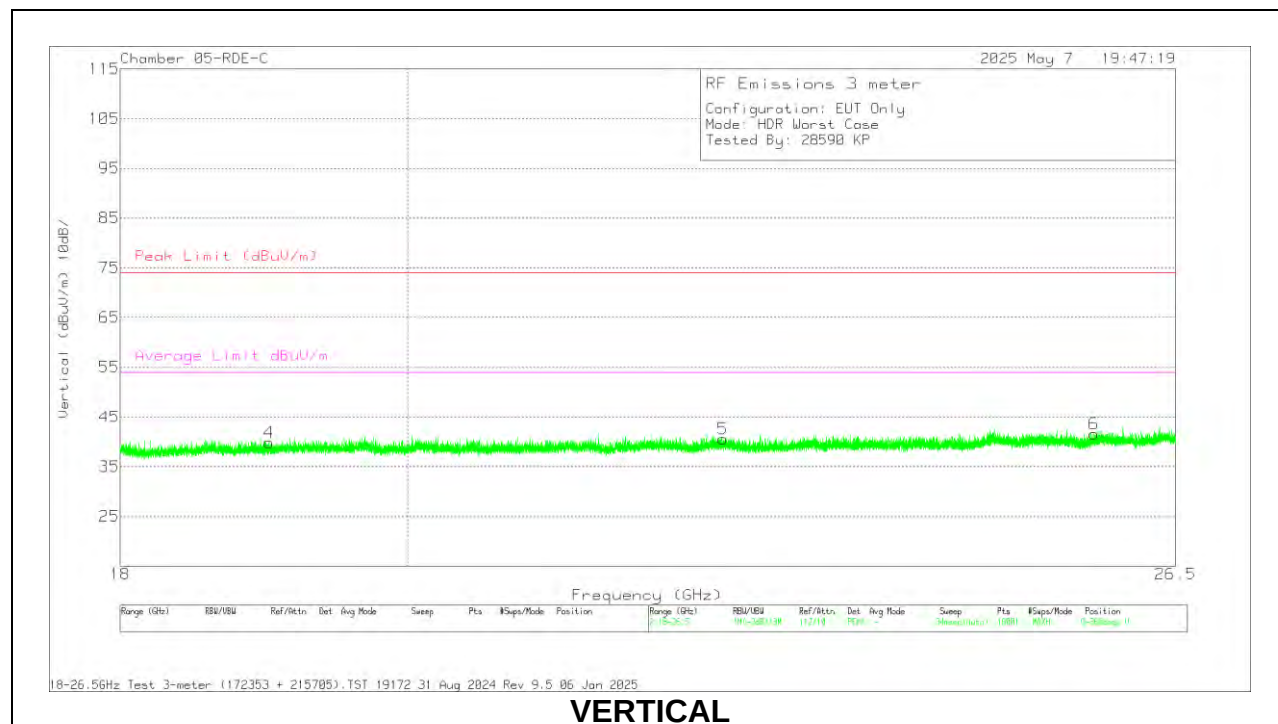
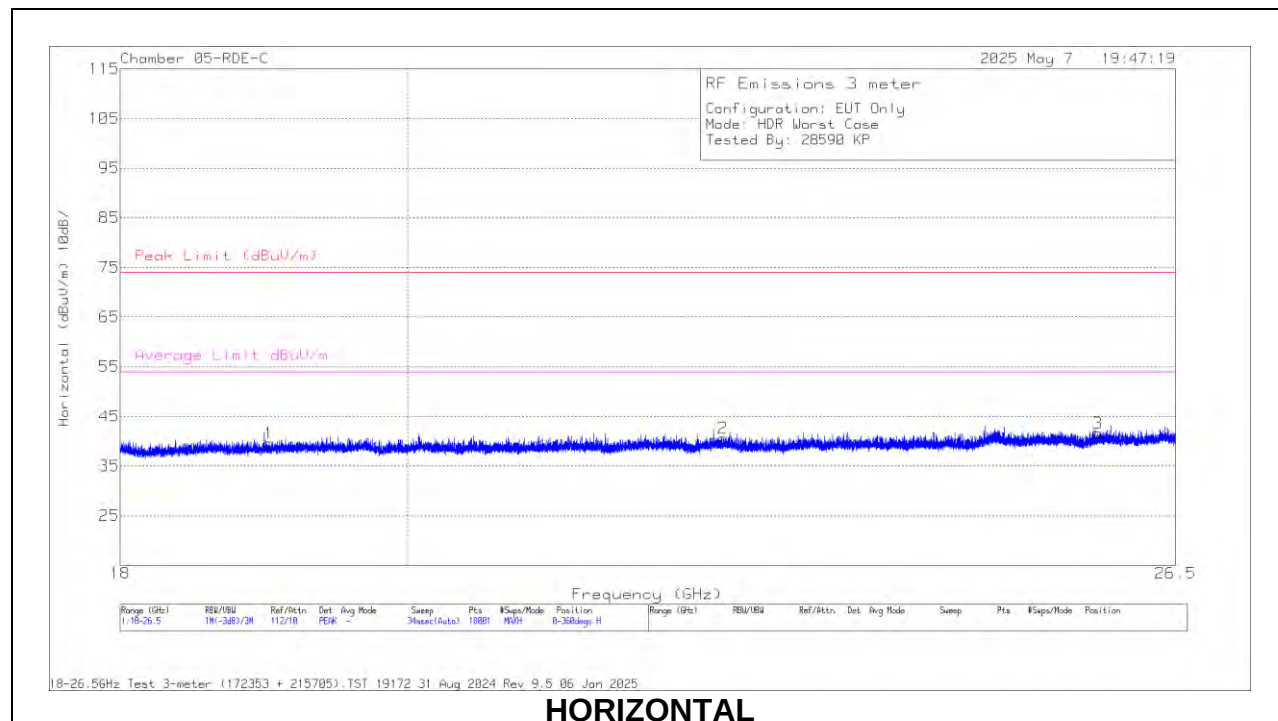
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80706 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	31.358	33.74	Pk	26.2	-26.3	33.64	40	-6.36	0-360	100	V
1	33.104	32.72	Pk	25	-26.2	31.52	40	-8.48	0-360	200	H
5	43.3452	41.96	Qp	17.3	-26.2	33.06	40	-6.94	218	110	V
2	96.833	44.65	Pk	15.2	-25.6	34.25	43.52	-9.27	0-360	200	H
6	196.646	39.01	Pk	17.9	-25.1	31.81	43.52	-11.71	0-360	100	V
3	198.586	42.11	Pk	18.3	-25.1	35.31	43.52	-8.21	0-360	100	H

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHz

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



18 – 26GHz 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	* 19.011027	54.69	Pk	32.4	-61.1	13.6	39.59	74	-34.41	54	-14.41	0-360	101	H
2	* 22.448331	53.88	Pk	33.1	-61.3	14.9	40.58	74	-33.42	54	-13.42	0-360	200	H
4	* 19.009611	54.97	Pk	32.4	-61.1	13.6	39.87	74	-34.13	54	-14.13	0-360	101	V
5	* 22.448803	53.86	Pk	33.1	-61.3	14.9	40.56	74	-33.44	54	-13.44	0-360	101	V
6	25.719413	53.18	Pk	33.8	-61.4	16	41.58	-	-	-	-	0-360	101	V
3	25.755302	53.23	Pk	33.8	-61.5	16.1	41.63	-	-	-	-	0-360	101	H

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

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.

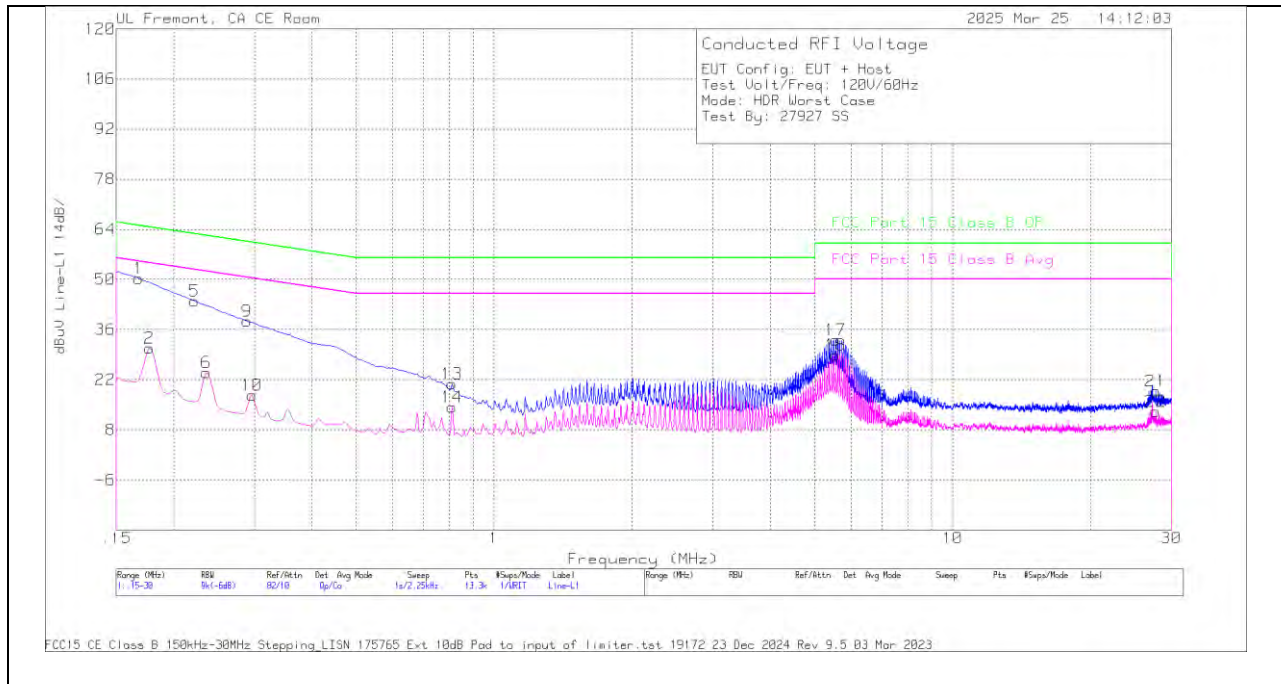
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS

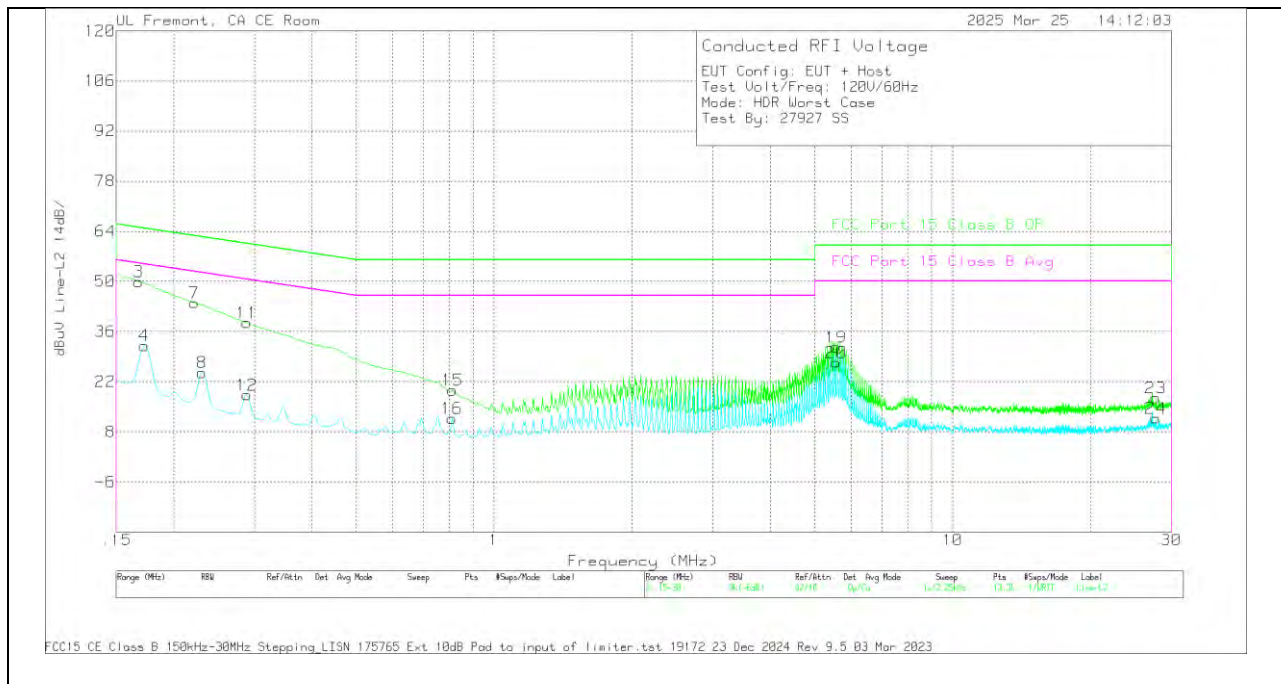


Range 1: Line-L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	CBL(dB)	Trns Limiter (dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C QP dBuV	QP Margin (dB)	FCC Part 15C Avg dBuV	Av(CISPR) Margin (dB)
2	.177	11.97	Ca	.1	.3	8.4	10	30.77	-	-	54.63	-23.86
6	.2355	5.71	Ca	0	0	8.3	10	24.01	-	-	52.25	-28.24
10	.2963	-3.34	Ca	0	0	8	10	17.66	-	-	50.35	-32.69
14	.8093	-3.62	Ca	0	.1	7.9	10	14.38	-	-	46	-31.62
18	5.5523	10.78	Ca	0	.1	8	10	28.88	-	-	50	-21.12
22	27.7035	-5.73	Ca	.2	.3	8.4	10	13.17	-	-	50	-36.83
1	.168	31.2	Qp	.1	.4	8.5	10	50.2	65.06	-14.86	-	-
5	.222	25.69	Qp	0	0	8.3	10	43.99	62.74	-18.75	-	-
9	.2895	20.3	Qp	0	0	8	10	38.3	60.54	-22.24	-	-
13	.8093	2.78	Qp	0	.1	7.9	10	20.78	56	-35.22	-	-
17	5.5523	14.96	Qp	0	.1	8	10	33.06	60	-26.94	-	-
21	27.7035	-0.09	Qp	.2	.3	8.4	10	18.81	60	-41.19	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



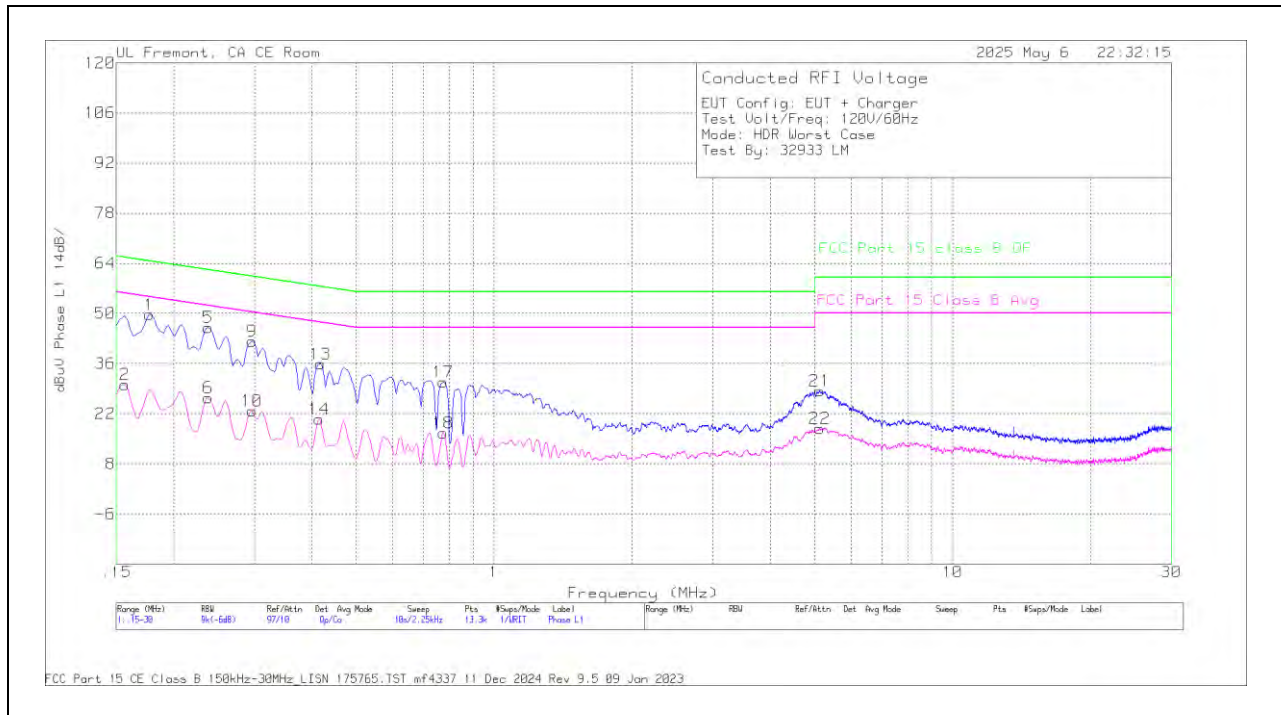
Range 2: Line-L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	CBL(dB)	Trns Limiter (dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C QP dBuV	QP Margin (dB)	FCC Part 15C Avg dBuV	Av(CISPR) Margin (dB)
4	.1725	13.35	Ca	0	.2	8.5	10	32.05	-	-	54.84	-22.79
8	.231	6.1	Ca	0	.1	8.3	10	24.5	-	-	52.41	-27.91
12	.2895	.28	Ca	0	0	8	10	18.28	-	-	50.54	-32.26
16	.8093	-6.25	Ca	0	0	7.9	10	11.65	-	-	46	-34.35
20	5.5635	8.98	Ca	0	.3	8.1	10	27.38	-	-	50	-22.62
24	27.7035	-7.21	Ca	.2	.4	8.4	10	11.79	-	-	50	-38.21
3	.168	31.18	Qp	.1	.2	8.5	10	49.98	65.06	-15.08	-	-
7	.222	25.63	Qp	0	.1	8.3	10	44.03	62.74	-18.71	-	-
11	.2895	20.43	Qp	0	0	8	10	38.43	60.54	-22.11	-	-
15	.8115	1.65	Qp	0	0	7.9	10	19.55	56	-36.45	-	-
19	5.5635	13.21	Qp	0	.3	8.1	10	31.61	60	-28.39	-	-
23	27.7035	-1.59	Qp	.2	.4	8.4	10	17.41	60	-42.59	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

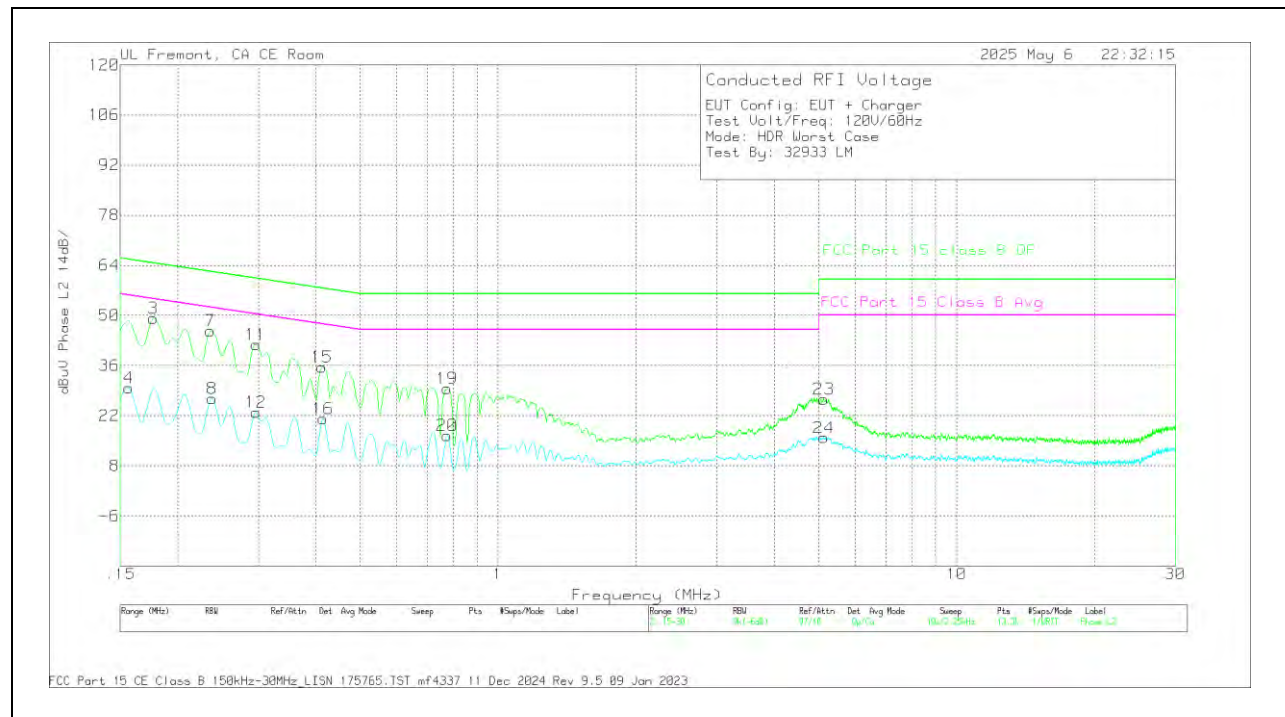


Range 1: Phase L1 15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	CBL(dB)	LISN (dB)	CBL(dB)	10dB Atten (dB)	Corrected Reading dBuV	FCC Part 15C dBuV	Margin (dB)	FCC Part 15C QP dBuV	Margin (dB)
2	.1568	11.16	Ca	.4	.1	8.5	10	30.16	55.63	-25.47	-	-
6	.2378	8.29	Ca	-.1	0	8.2	10	26.39	52.17	-25.78	-	-
10	.2963	4.69	Ca	0	0	8	10	22.69	50.35	-27.66	-	-
14	.4155	2.29	Ca	-.3	0	8.5	10	20.49	47.54	-27.05	-	-
18	.7755	-1.8	Ca	.2	0	8.2	10	16.6	46	-29.4	-	-
22	5.1293	-79	Ca	.2	0	8.4	10	17.81	50	-32.19	-	-
1	.177	30.85	Qp	.3	.1	8.4	10	49.65	-	-	64.63	-14.98
5	.2378	27.94	Qp	-.1	0	8.2	10	46.04	-	-	62.17	-16.13
9	.2963	24.15	Qp	0	0	8	10	42.15	-	-	60.35	-18.2
13	.4178	17.62	Qp	-.3	0	8.5	10	35.82	-	-	57.49	-21.67
17	.7755	12.43	Qp	.2	0	8.2	10	30.83	-	-	56	-25.17
21	5.1304	9.82	Qp	.2	0	8.4	10	28.42	-	-	60	-31.58

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	.1568	10.76	Ca	.4	.1	8.5	10	29.76	55.63	-25.87	-	-
8	.2378	8.67	Ca	-.1	0	8.2	10	26.77	52.17	-25.4	-	-
12	.2963	4.88	Ca	0	0	8	10	22.88	50.35	-27.47	-	-
16	.4155	2.94	Ca	-.3	0	8.5	10	21.14	47.54	-26.4	-	-
20	.7755	-1.91	Ca	.2	0	8.2	10	16.49	46	-29.51	-	-
24	5.127	-2.77	Ca	.2	0	8.4	10	15.83	50	-34.17	-	-
3	.177	30.58	Qp	.3	0	8.4	10	49.28	-	-	64.63	-15.35
7	.2355	27.4	Qp	0	0	8.3	10	45.7	-	-	62.25	-16.55
11	.2963	23.92	Qp	0	0	8	10	41.92	-	-	60.35	-18.43
15	.4133	17.36	Qp	-.3	0	8.5	10	35.56	-	-	57.58	-22.02
19	.7755	11.15	Qp	.2	0	8.2	10	29.55	-	-	56	-26.45
23	5.127	8.02	Qp	.2	0	8.4	10	26.62	-	-	60	-33.38

Qp - Quasi-Peak detector

Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 15496224-EP1 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 / HDR	2.4	HP (TXBF)	HDR8	Output Power (dBm)	High	Fundamental	19.33	19.28	-0.05	-10.67	Note 1
		HP (ANT1)	HDR8	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	47.96	49.59	1.63	-6.04	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical 0.03 - 1 (@43MHz)	33.64	31.04	-2.60	-6.36	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 / HDR	2.4	HP (TXBF)	HDR8	Output Power (dBm)	High	Fundamental	19.34	19.22	-0.12	-10.66	Note 1
		HP (ANT1)	CW	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	51.55	49.18	-2.37	-2.45	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical 0.03 - 1 (@43MHz)	33.64	32.50	-1.14	-6.36	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-E895A IC : 579C-E8959A			
DTS / HDR	2.4	HP (TXBF)	HDR8	Output Power (dBm)	High	Fundamental	19.34	19.30	-0.04	-10.66	Note 1
		HP (ANT1)	CW	Radiated Bandedge (dBuV/m)	High	Horizontal High Bandedge	51.55	50.42	-1.13	-2.45	Note 1
		Worst Case	CW	RSE (dBuV/m)	Mid	Vertical 0.03 - 1 (@43MHz)	33.64	34.77	1.13	-6.36	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.