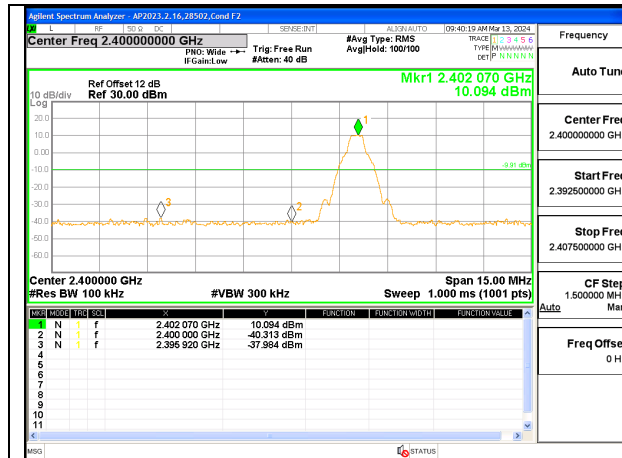
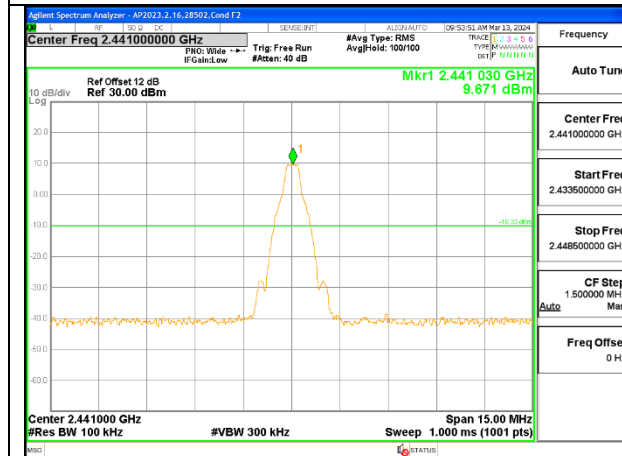


9.8.5. LOW POWER BASIC DATA RATE GFSK MODULATION

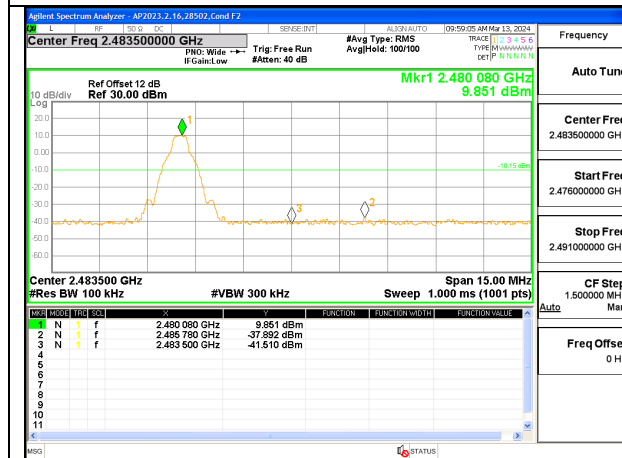
ANT 4 SPURIOUS EMISSIONS, NON-HOPPING



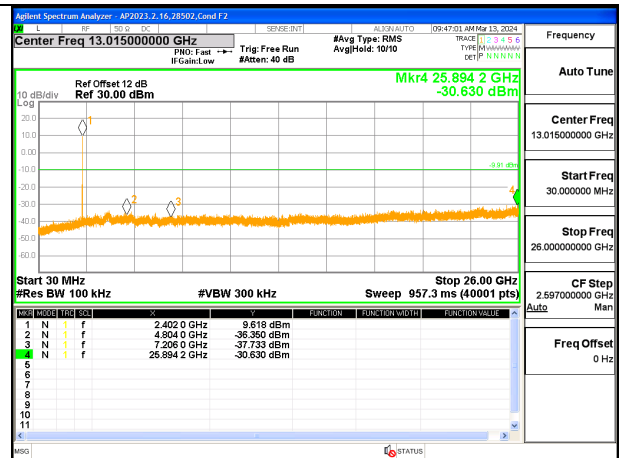
LOW CHANNEL BANDEDGE



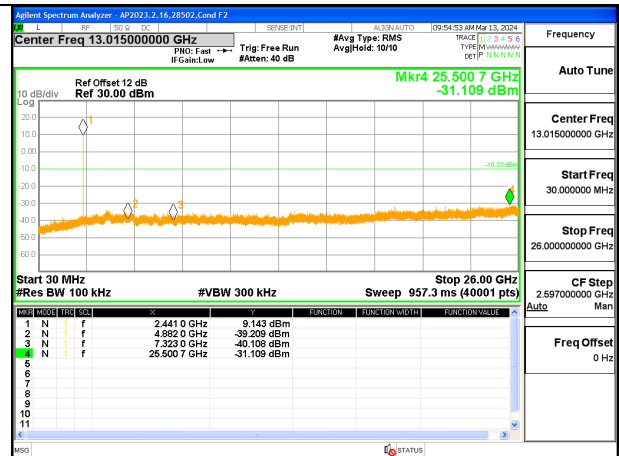
IN-BAND REFERENCE LEVEL



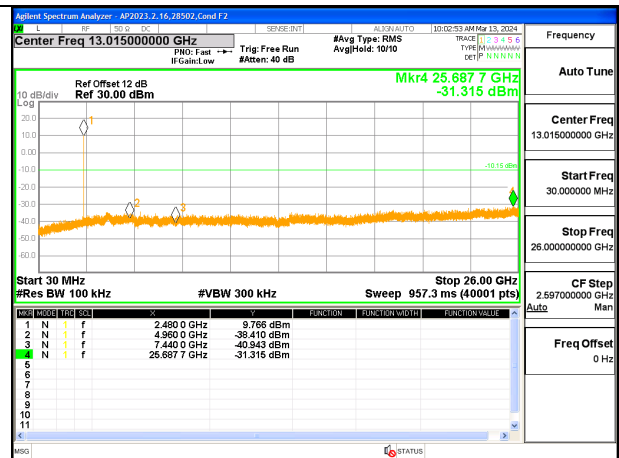
HIGH CHANNEL BANDEDGE



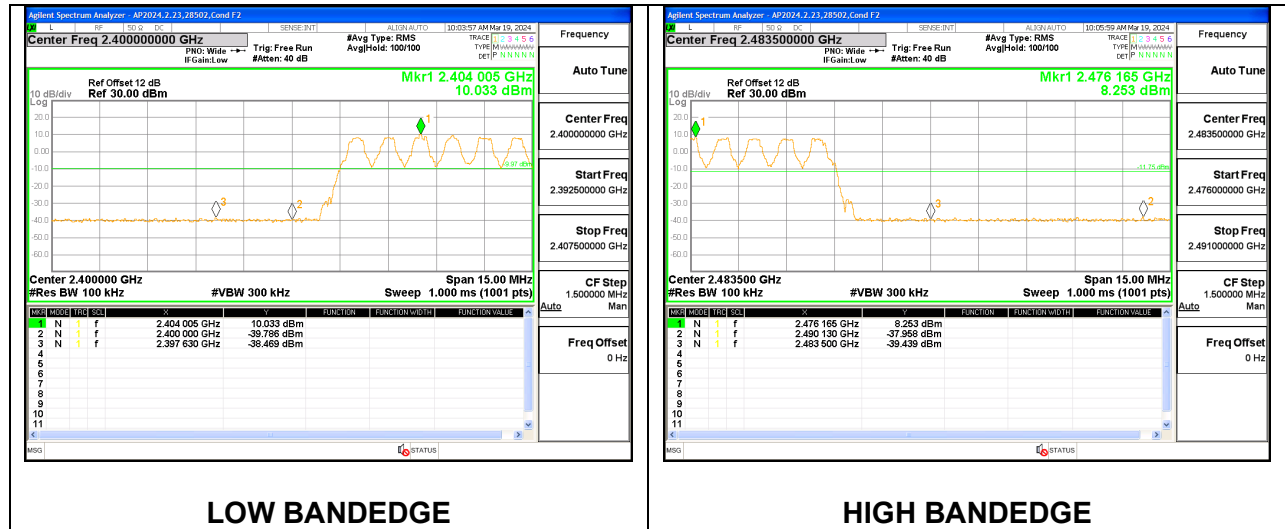
OUT-OF-BAND LOW CHANNEL

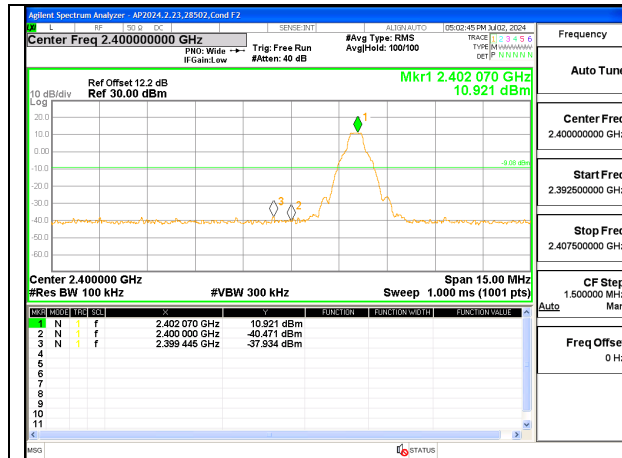
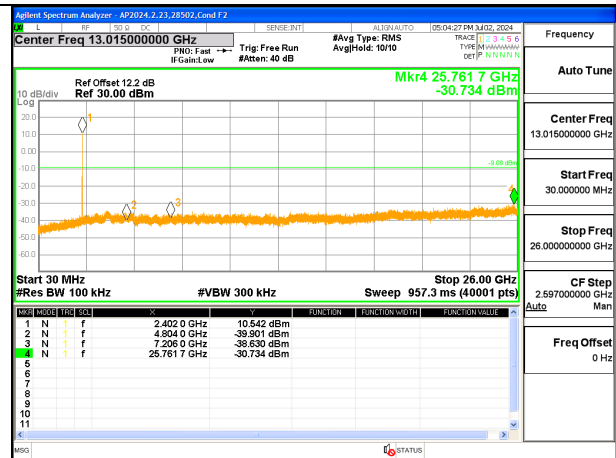
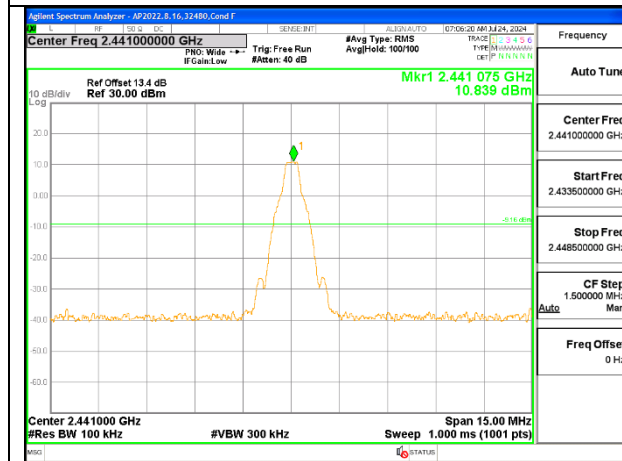
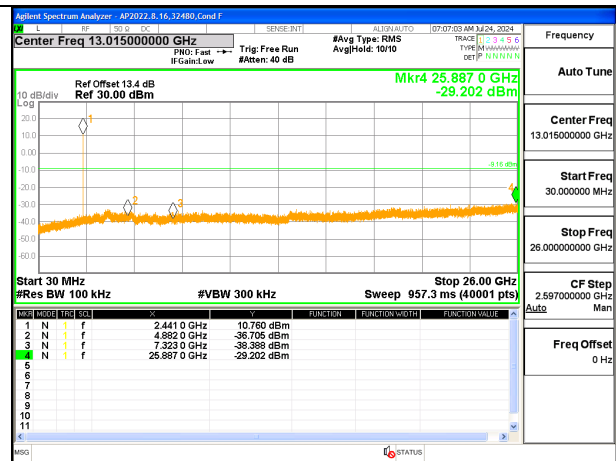
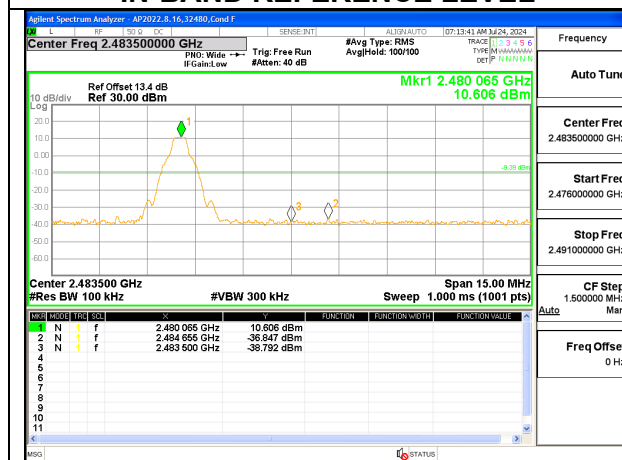
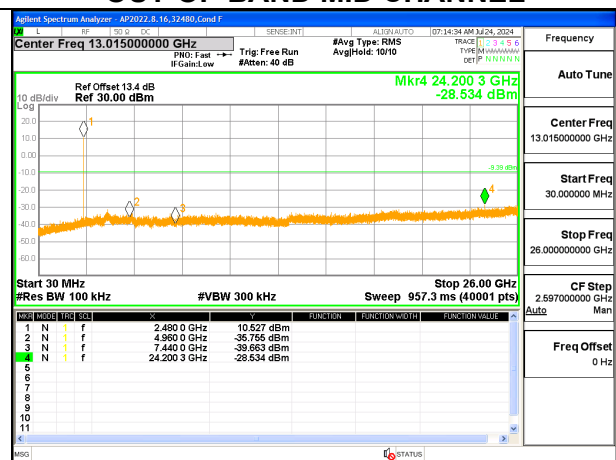


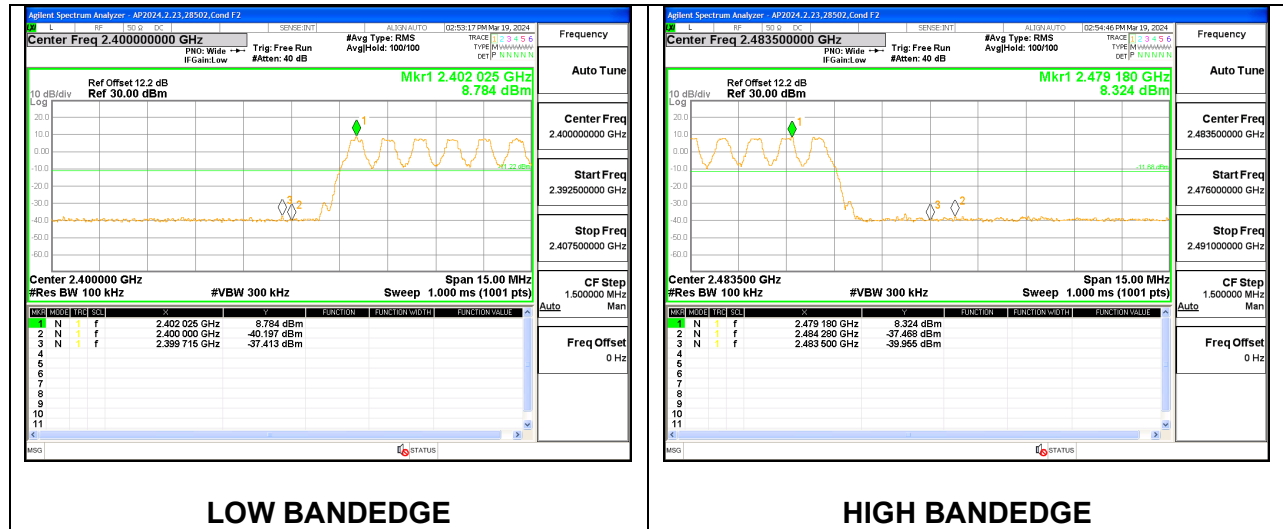
OUT-OF-BAND MID CHANNEL



OUT-OF-BAND HIGH CHANNEL

ANT 4 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

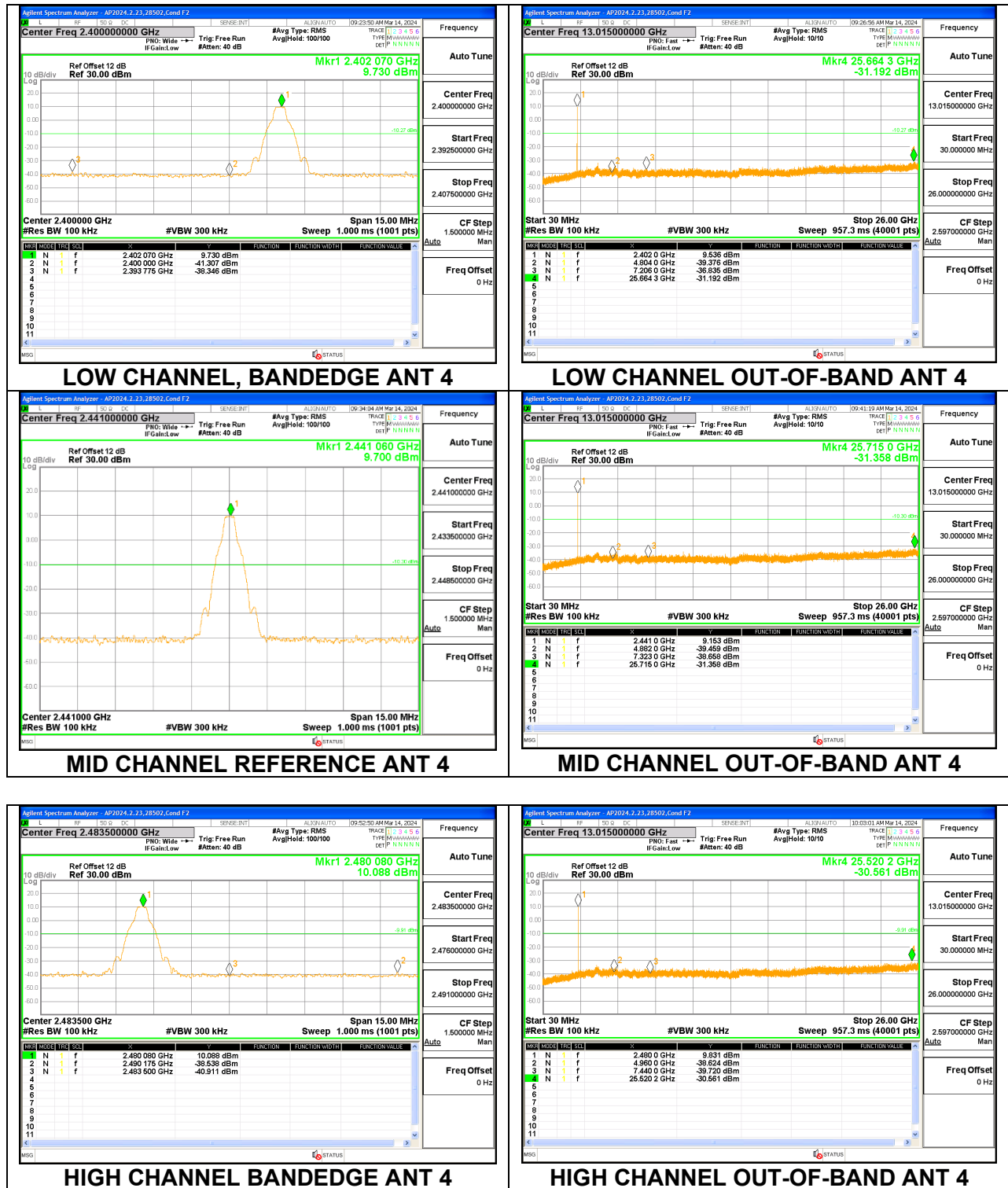
ANT 3 SPURIOUS EMISSIONS, NON-HOPPING**LOW CHANNEL BANDEDGE****OUT-OF-BAND LOW CHANNEL****IN-BAND REFERENCE LEVEL****OUT-OF-BAND MID CHANNEL****HIGH CHANNEL BANDEDGE****OUT-OF-BAND HIGH CHANNEL**

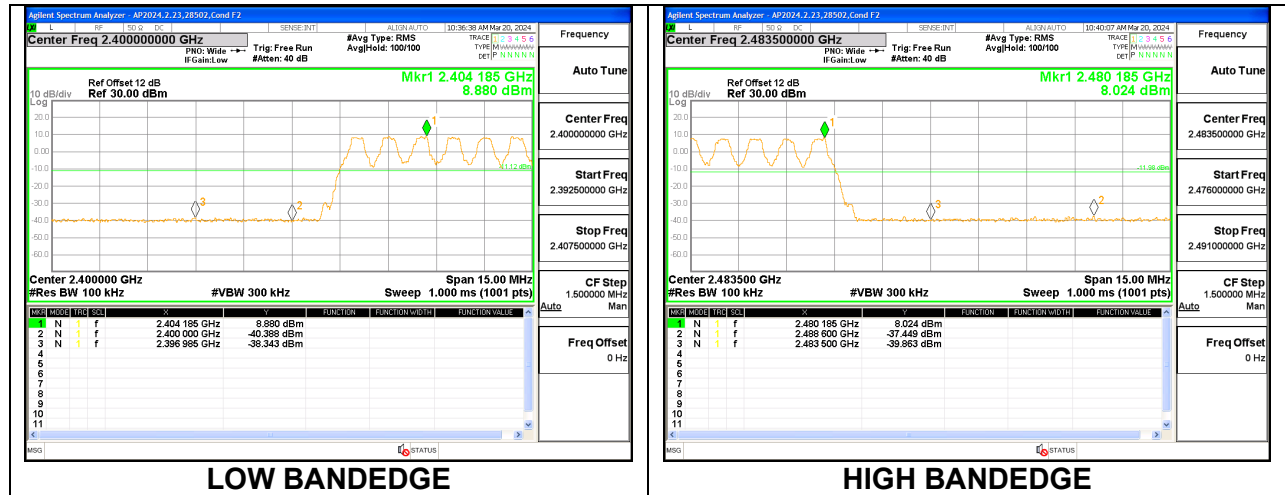
ANT 3 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

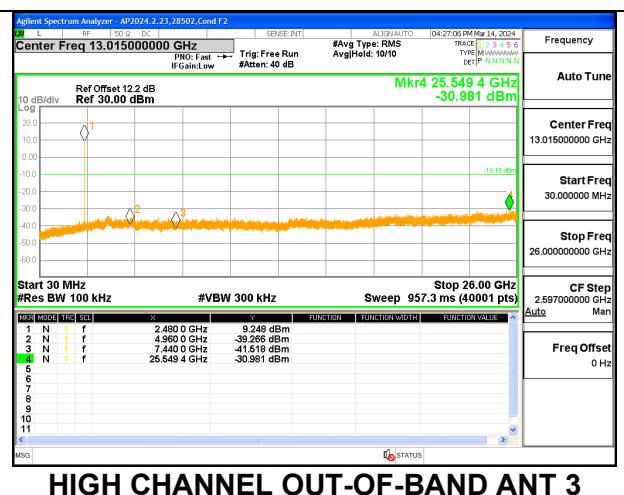
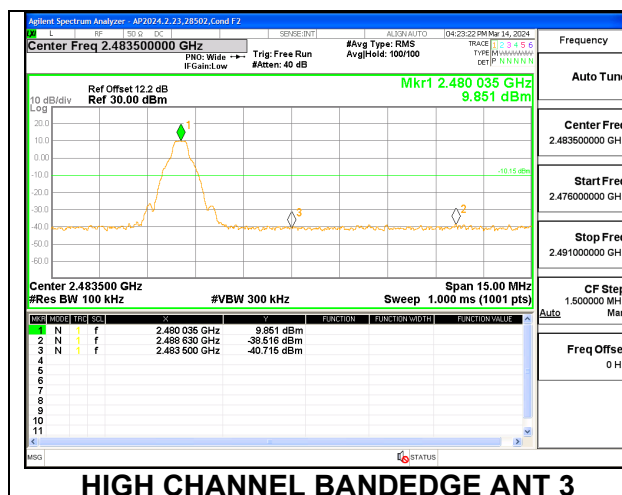
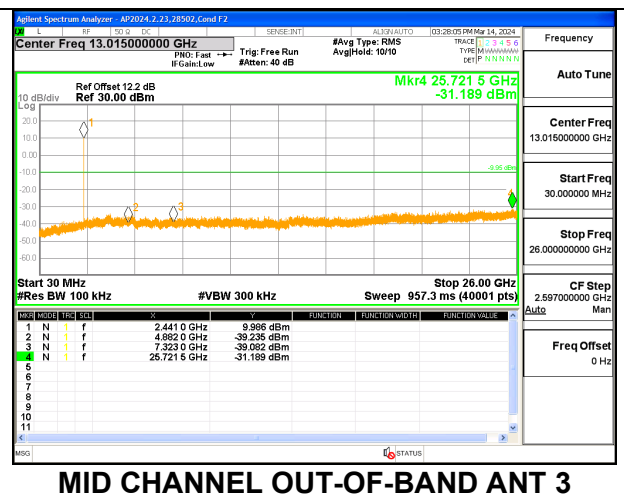
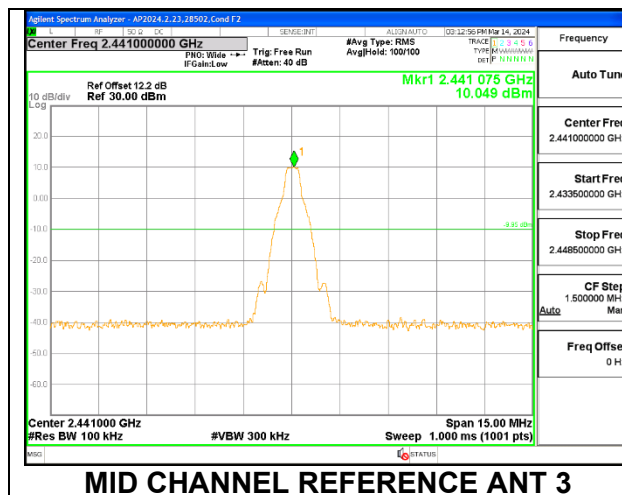
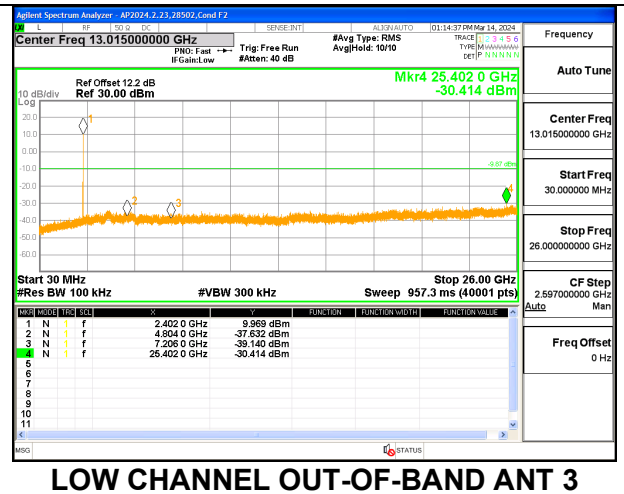
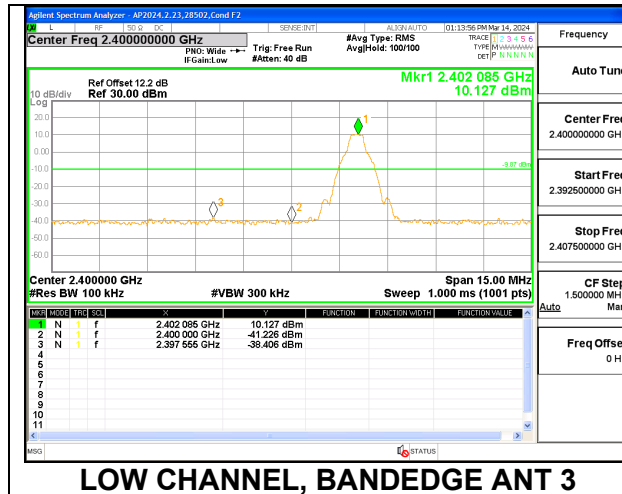
9.8.6. LOW POWER BASIC DATA RATE TXBF GFSK MODULATION

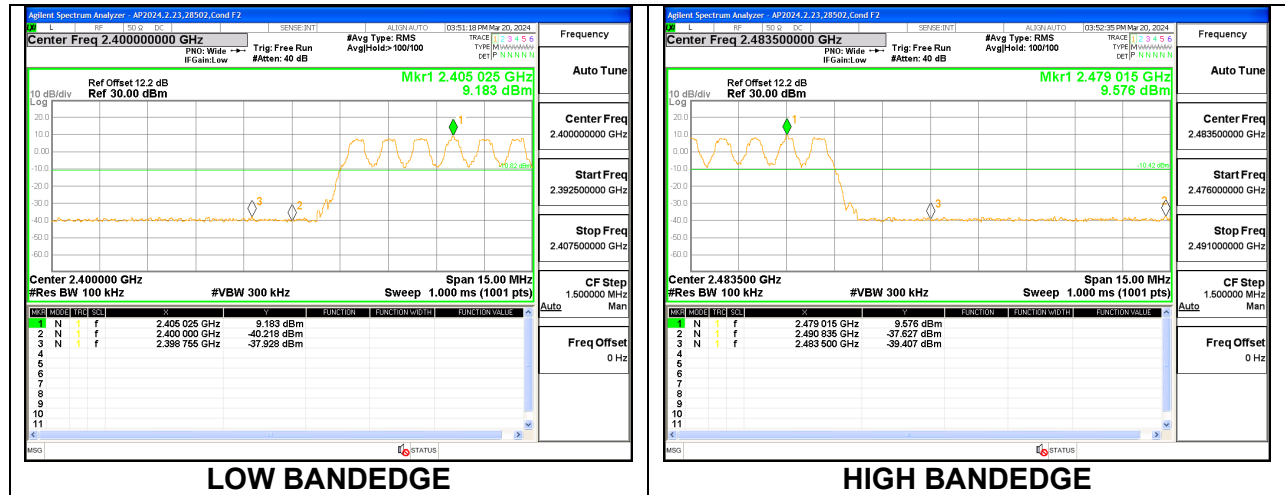
Note: Test procedure on beamforming mode is same as BT basic and EDR mode

ANT 4



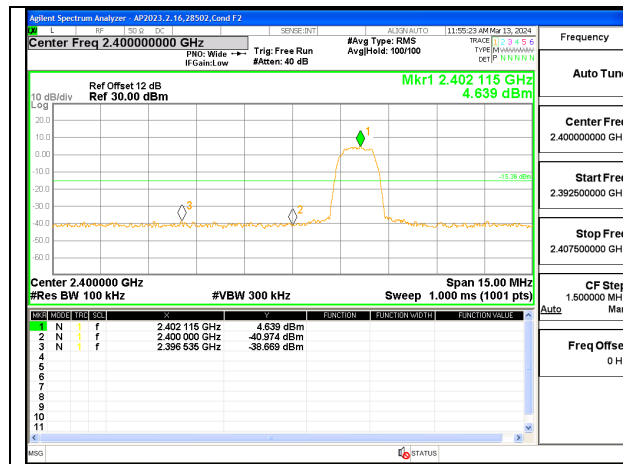
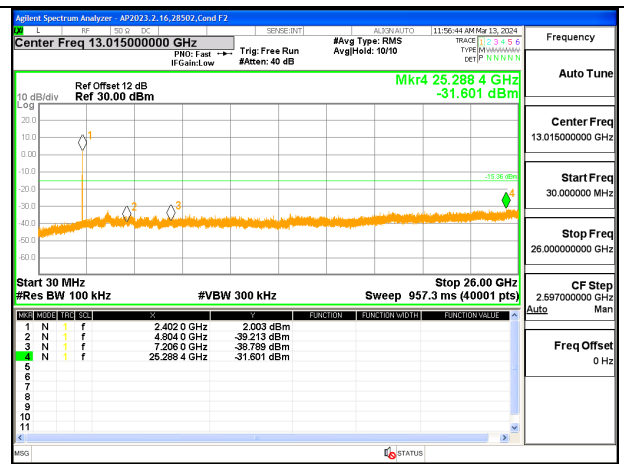
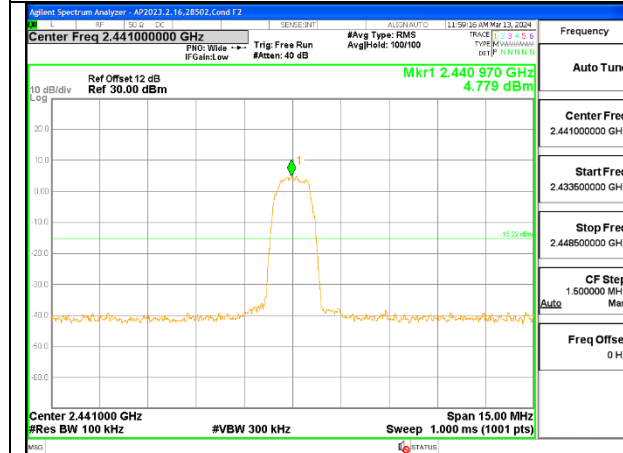
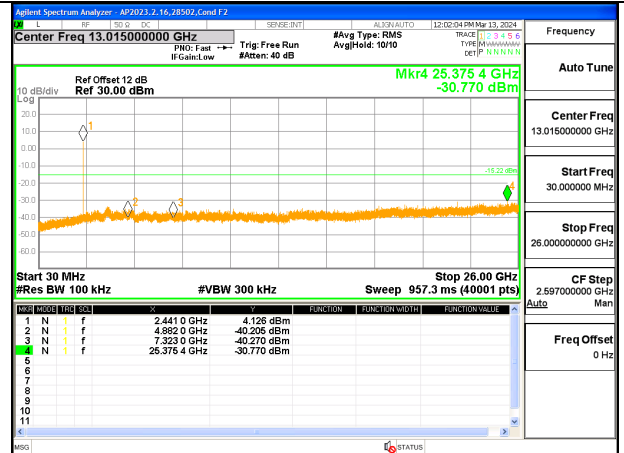
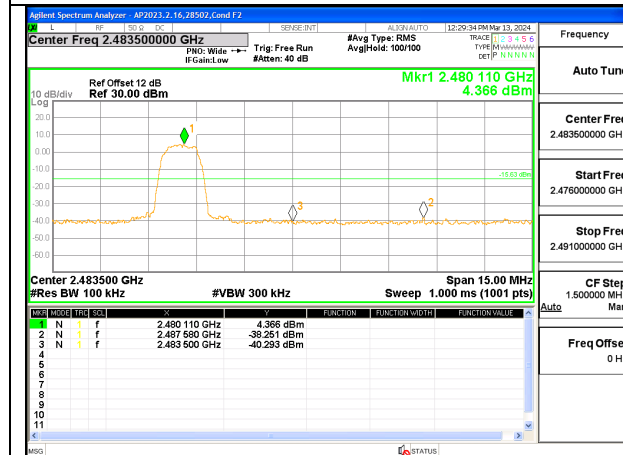
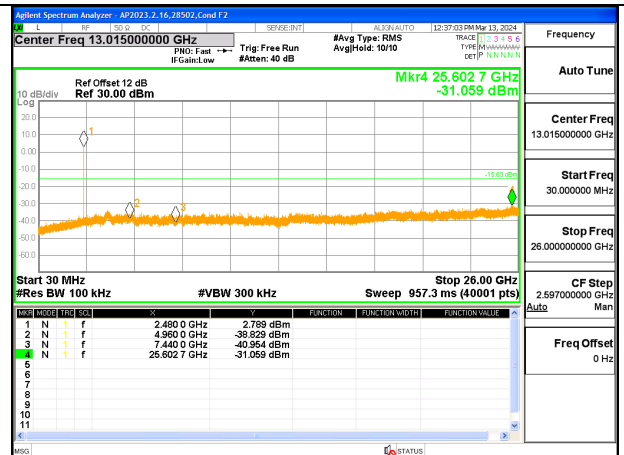
ANT 4 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

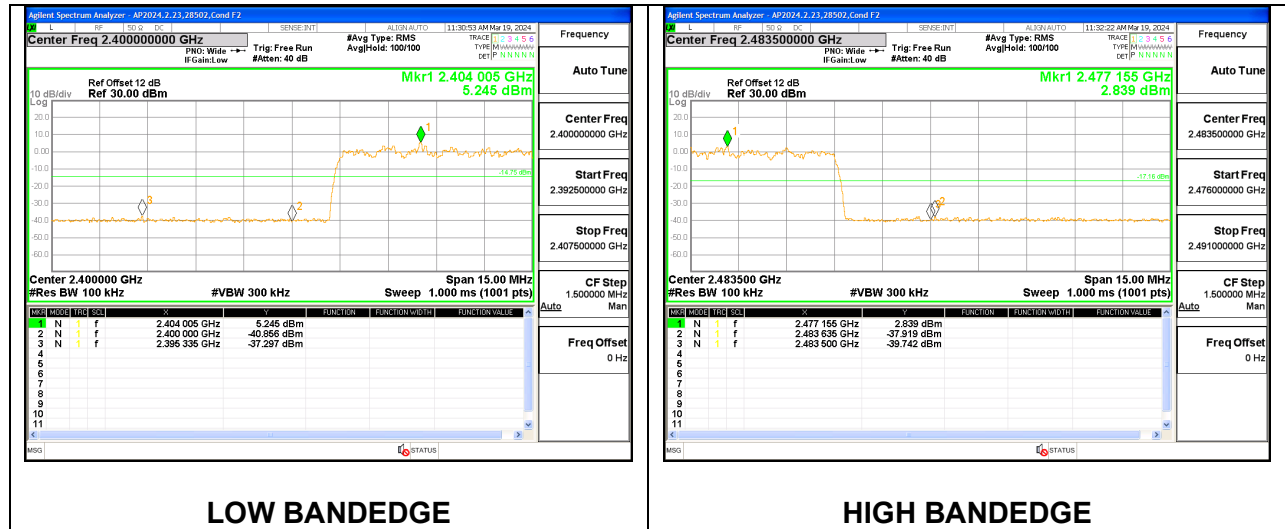
ANT 3

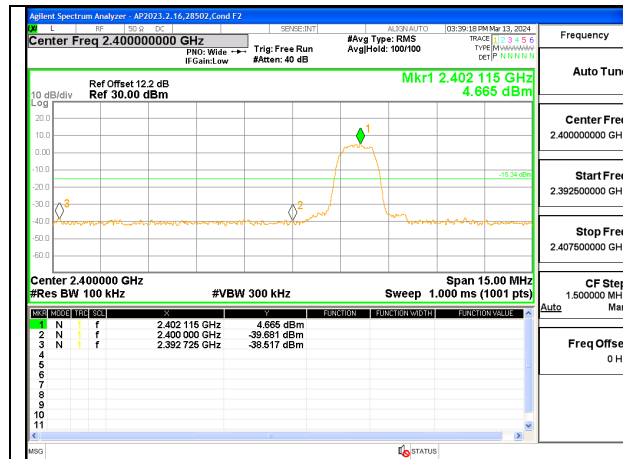
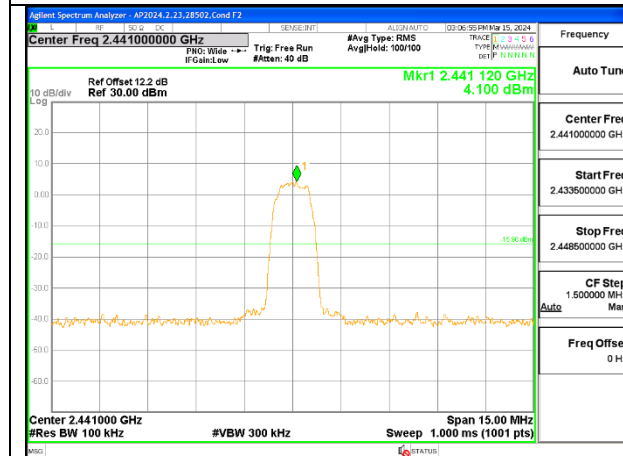
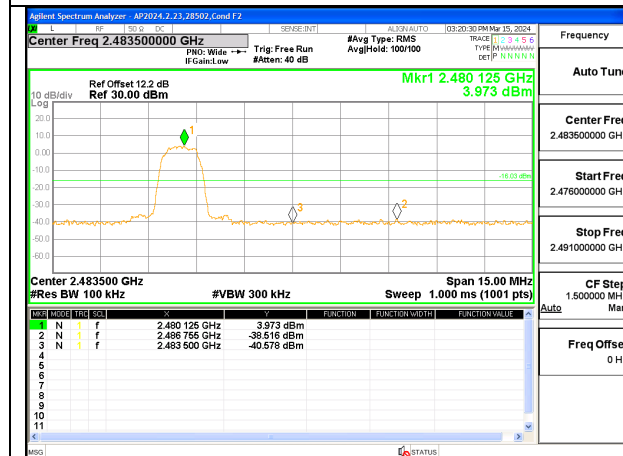
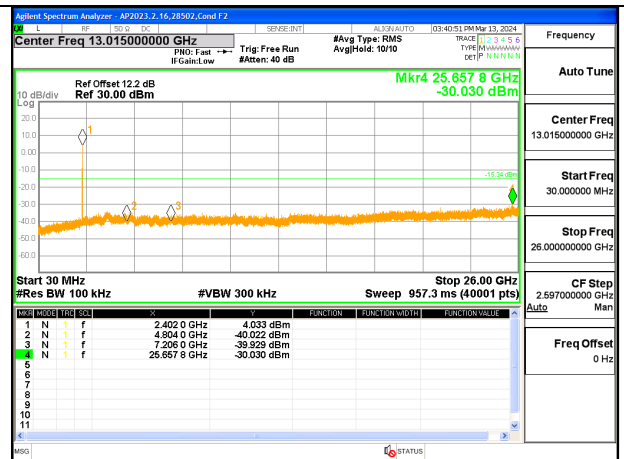
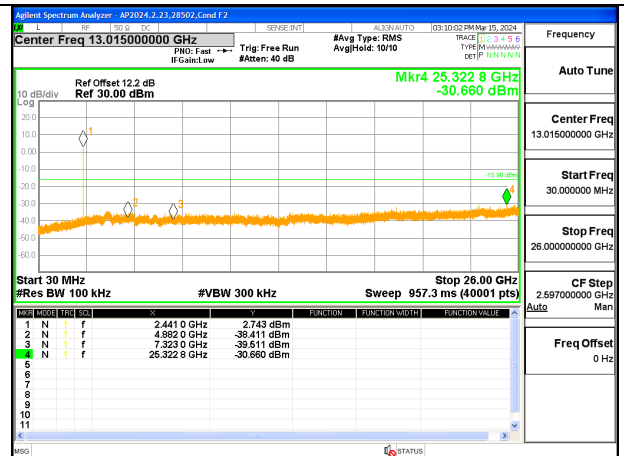
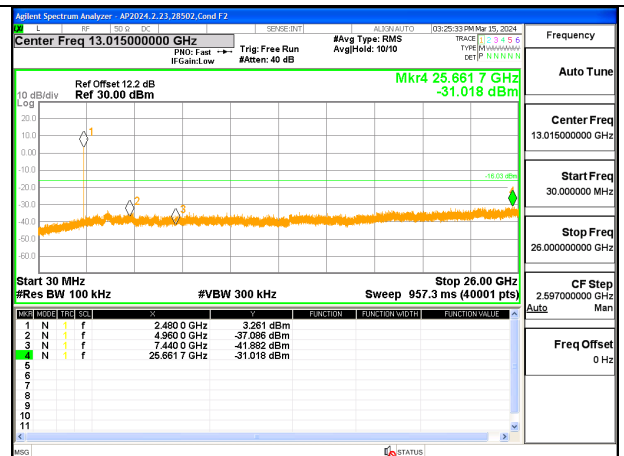
ANT 3 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

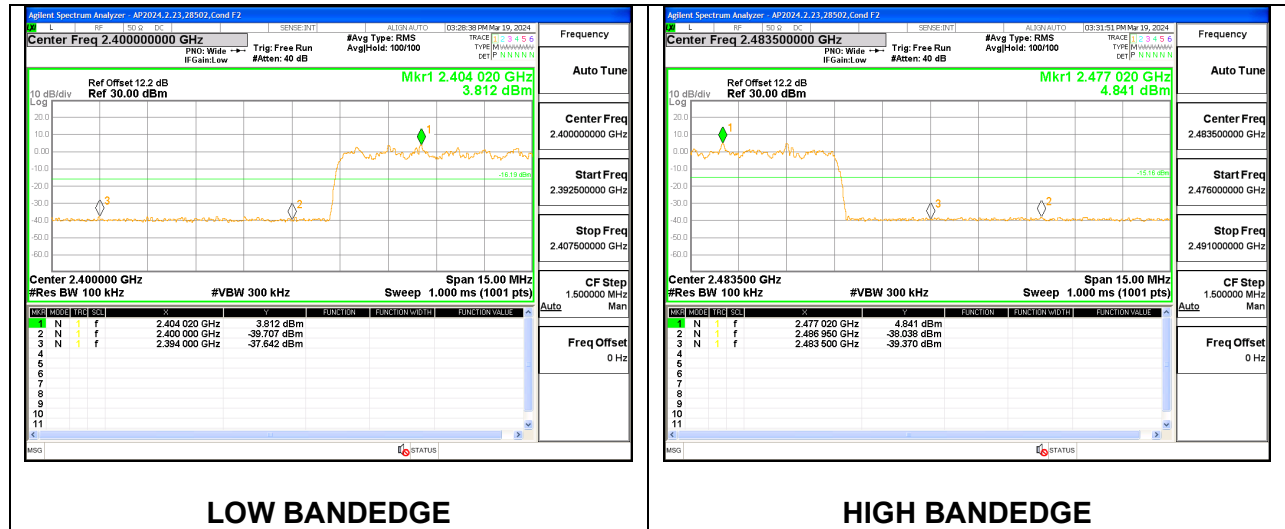
9.8.7. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

ANT 4 SPURIOUS EMISSIONS, NON-HOPPING

**LOW CHANNEL BANDEDGE****OUT-OF-BAND LOW CHANNEL****IN-BAND REFERENCE LEVEL****OUT-OF-BAND MID CHANNEL****HIGH CHANNEL BANDEDGE****OUT-OF-BAND HIGH CHANNEL**

ANT 4 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

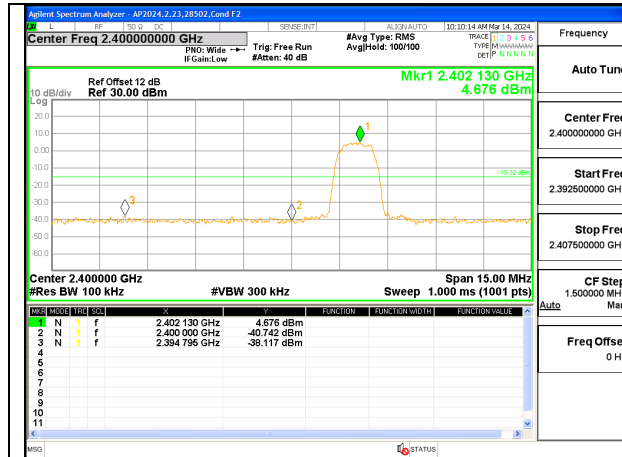
ANT 3 SPURIOUS EMISSIONS, NON-HOPPING**LOW CHANNEL BANDEDGE****IN-BAND REFERENCE LEVEL****HIGH CHANNEL BANDEDGE****OUT-OF-BAND LOW CHANNEL****OUT-OF-BAND MID CHANNEL****OUT-OF-BAND HIGH CHANNEL**

ANT 3 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

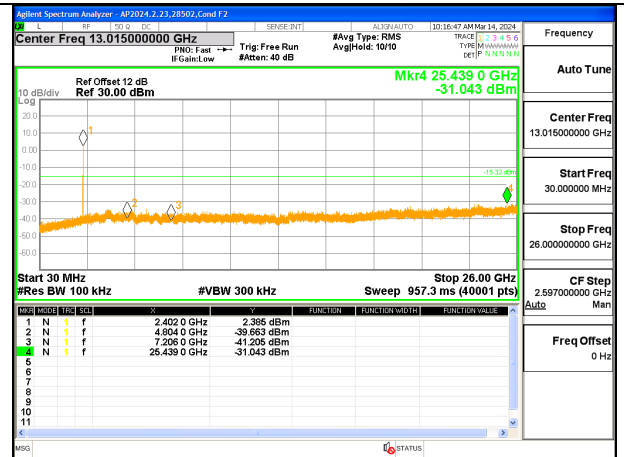
9.8.8. LOW POWER BASIC DATA RATE TXBF 8PSK MODULATION

Note: Test procedure on beamforming mode is same as BT basic and EDR mode

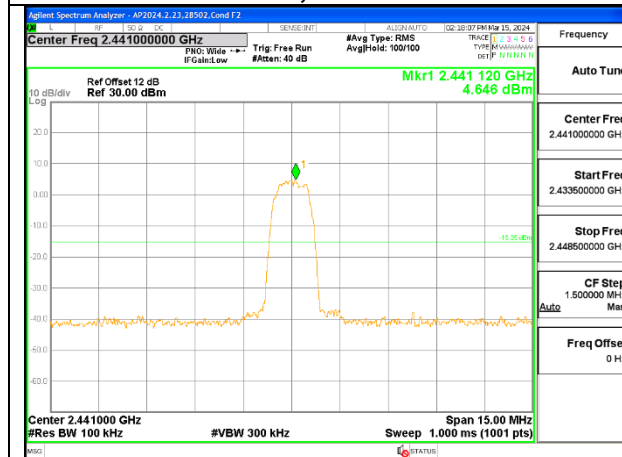
ANT 4



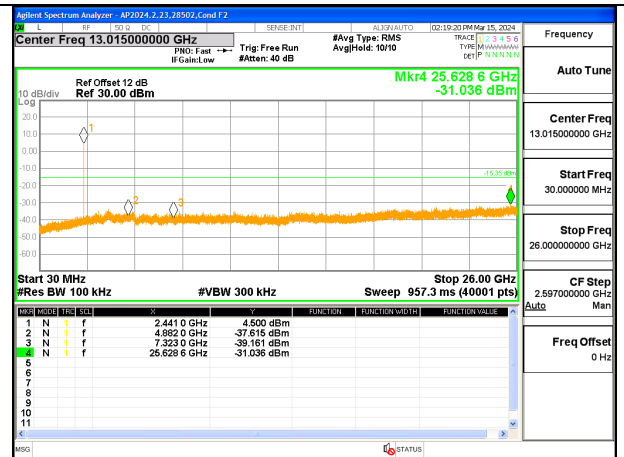
LOW CHANNEL, BANDEDGE ANT 4



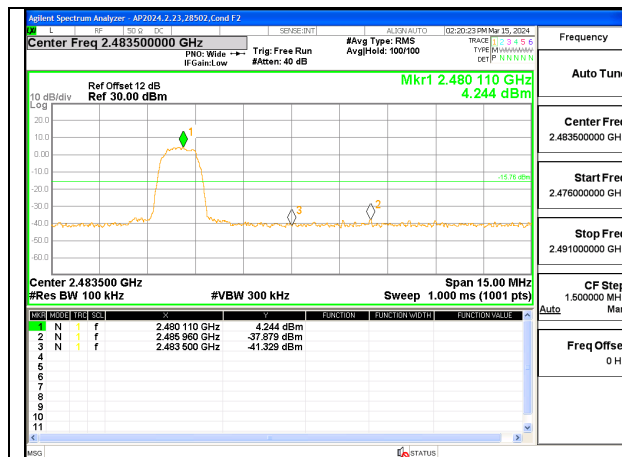
LOW CHANNEL OUT-OF-BAND ANT 4



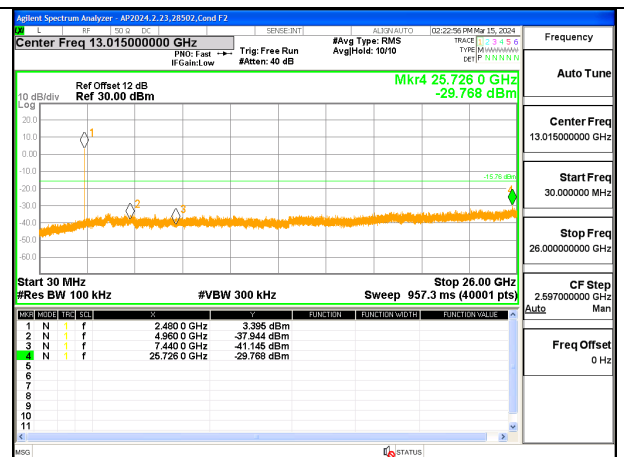
MID CHANNEL REFERENCE ANT 4



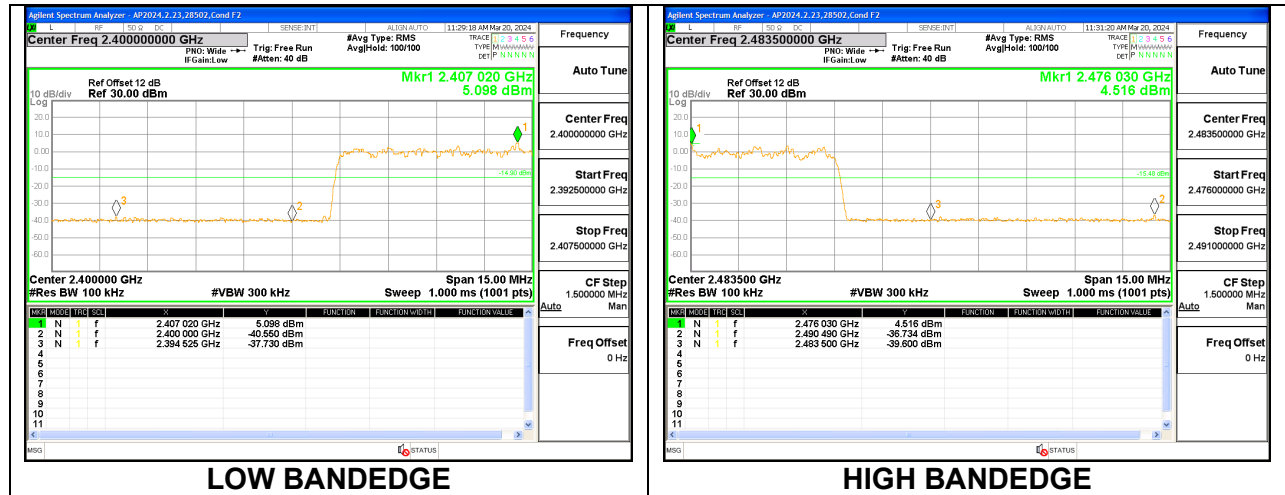
MID CHANNEL OUT-OF-BAND ANT 4

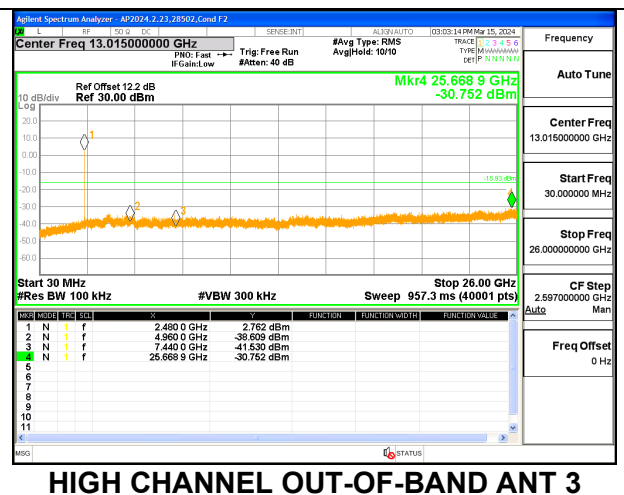
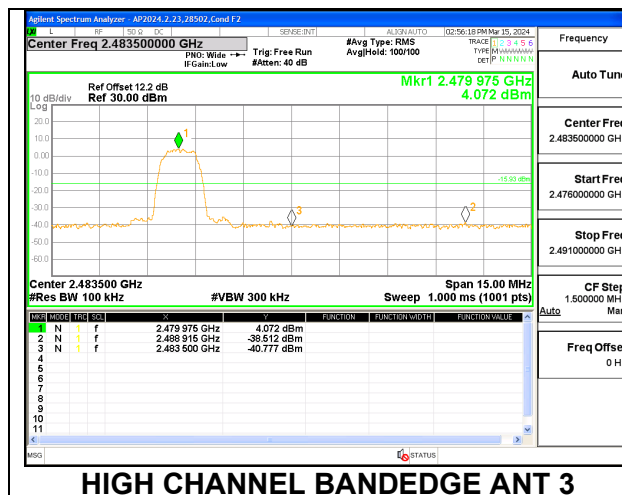
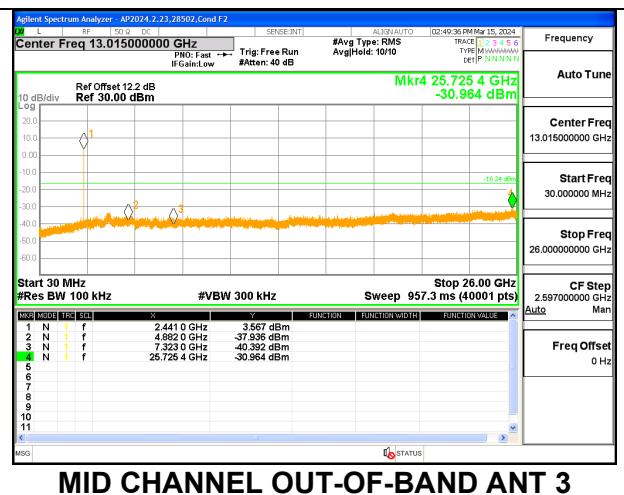
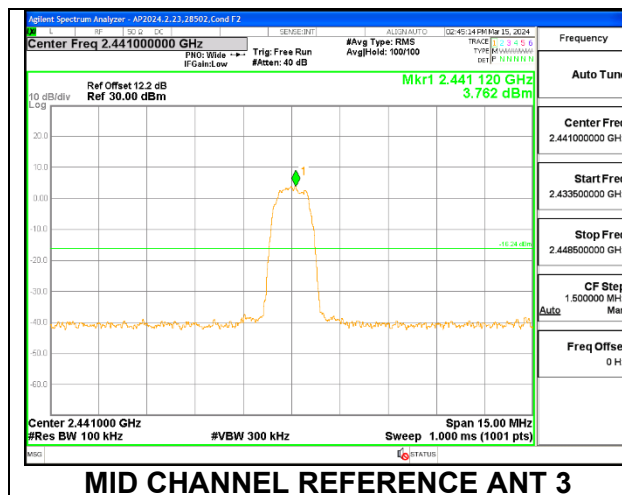
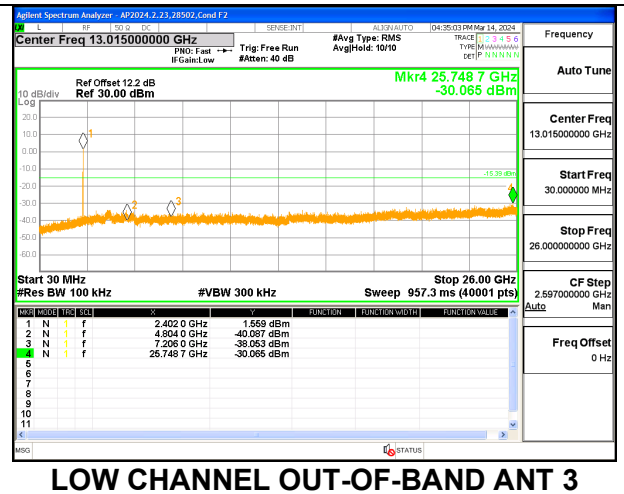
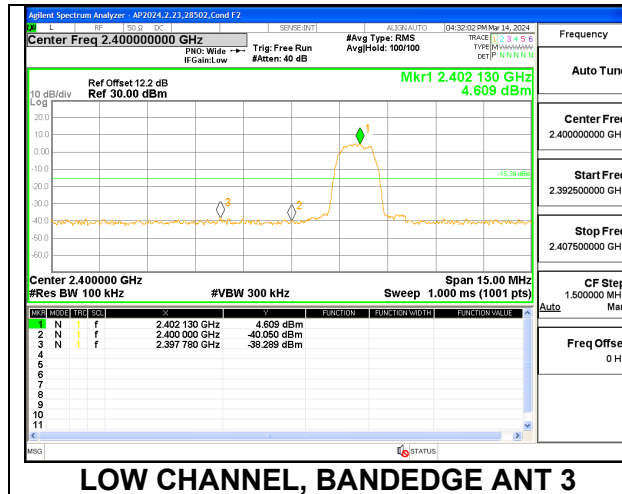


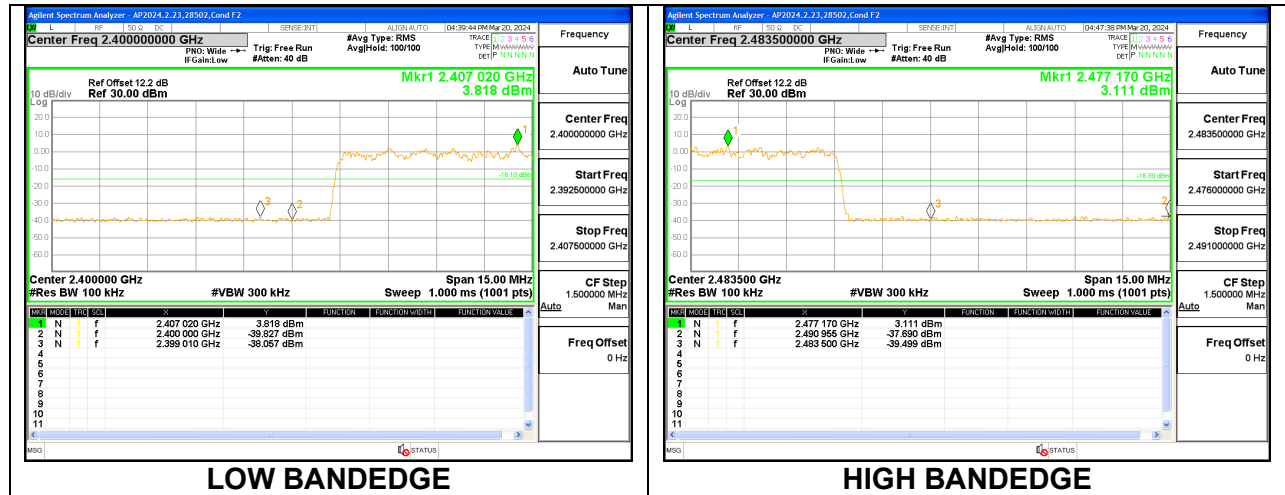
HIGH CHANNEL BANDEDGE ANT 4



HIGH CHANNEL OUT-OF-BAND ANT 4

ANT 4 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

ANT 3

ANT 3 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON

10. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10.

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final scans above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T (10 Hz) video bandwidth with peak detector for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

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

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

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

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

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

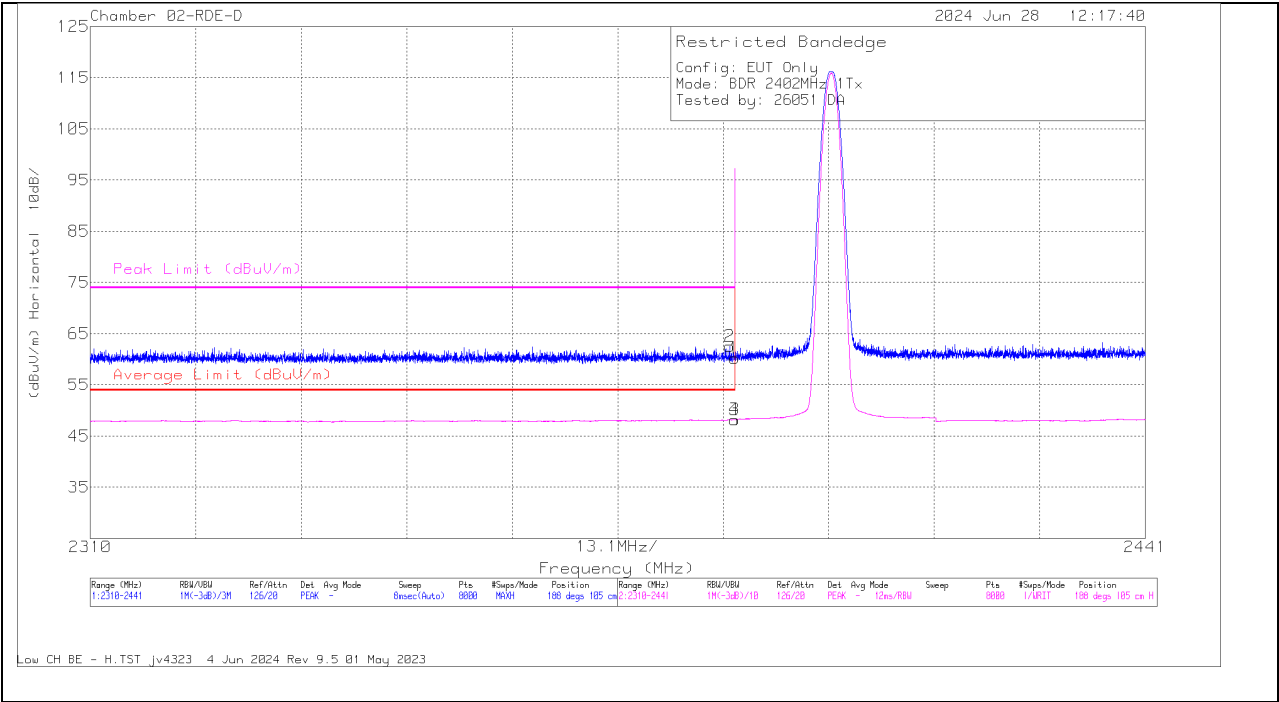
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. HIGH POWER BASIC DATA RATE GFSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

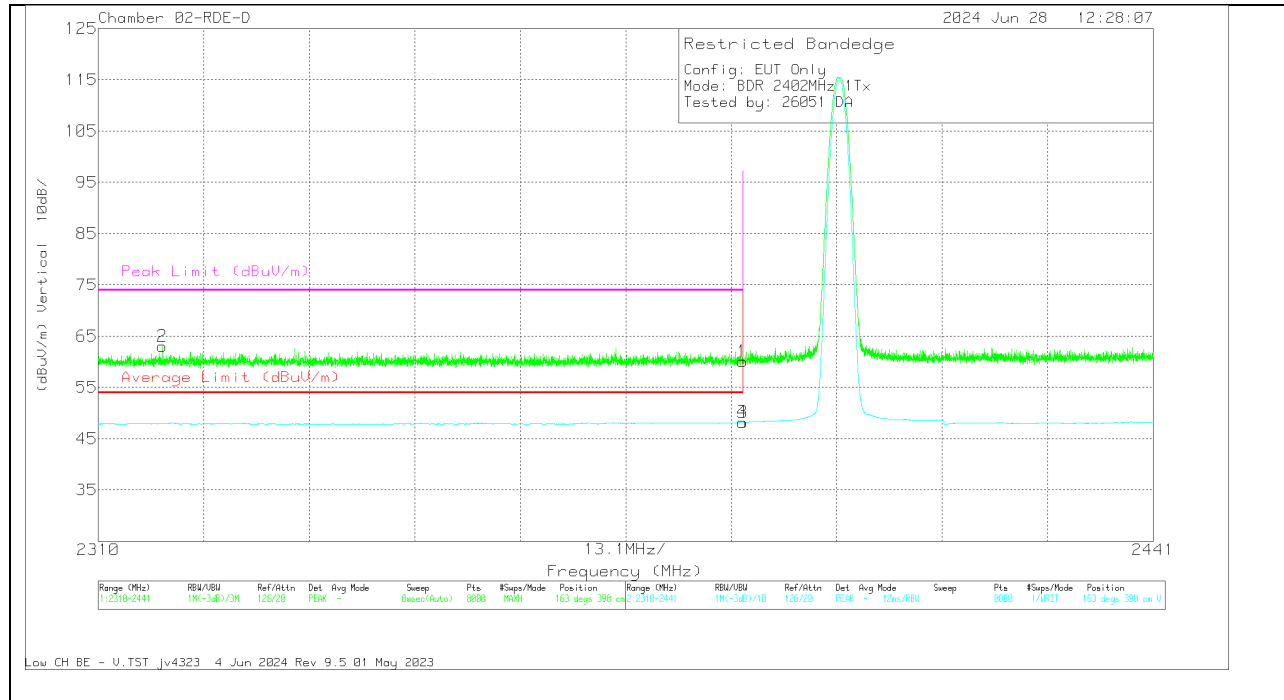
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2390	47.6	Pk	32.2	-19.6	60.2	-	-	74	-13.8	188	105	H
2	* 2389.379	50.03	Pk	32.2	-19.7	62.53	-	-	74	-11.47	188	105	H
3	* 2390	35.61	VA1T	32.2	-19.6	48.21	54	-5.79	-	-	188	105	H
4	* 2389.985	35.61	VA1T	32.2	-19.6	48.21	54	-5.79	-	-	188	105	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.48	Pk	32.2	-19.6	60.08	-	-	74	-13.92	163	398	V
2	* 2317.926	50.72	Pk	32	-19.7	63.02	-	-	74	-10.98	163	398	V
3	* 2390	35.6	VA1T	32.2	-19.6	48.2	54	-5.8	-	-	163	398	V
4	* 2389.969	35.61	VA1T	32.2	-19.6	48.21	54	-5.79	-	-	163	398	V

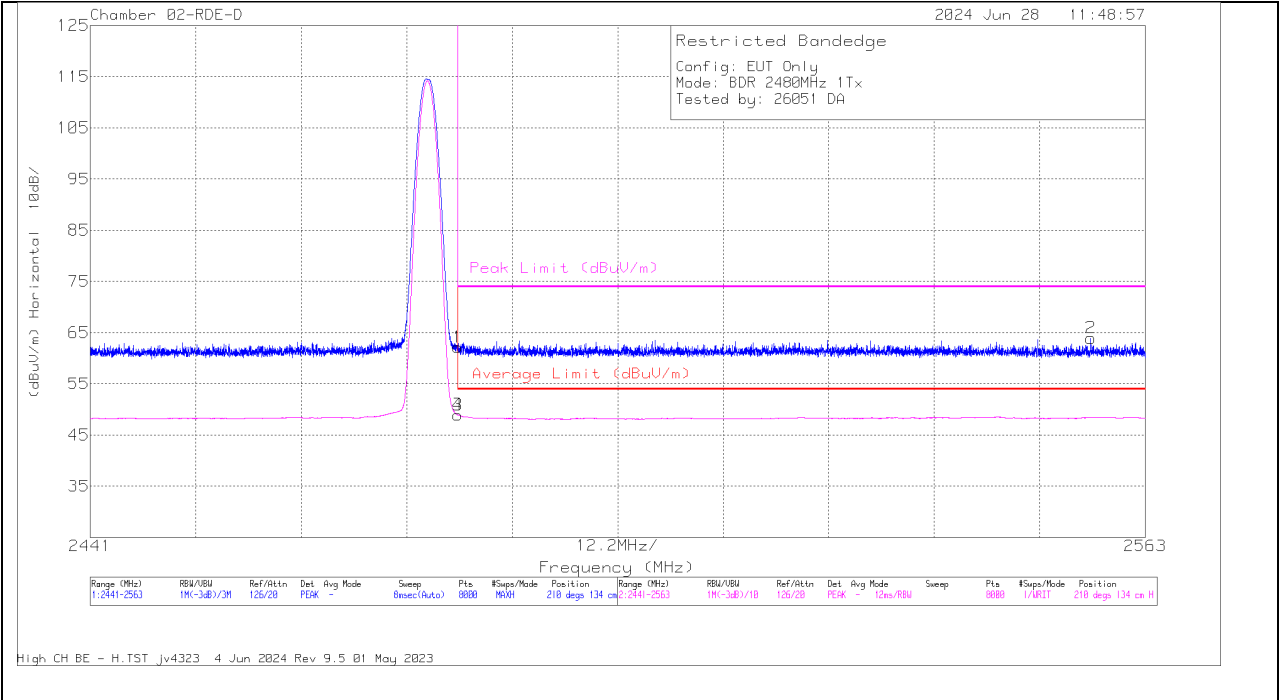
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANEDGE (HIGH CHANNEL)

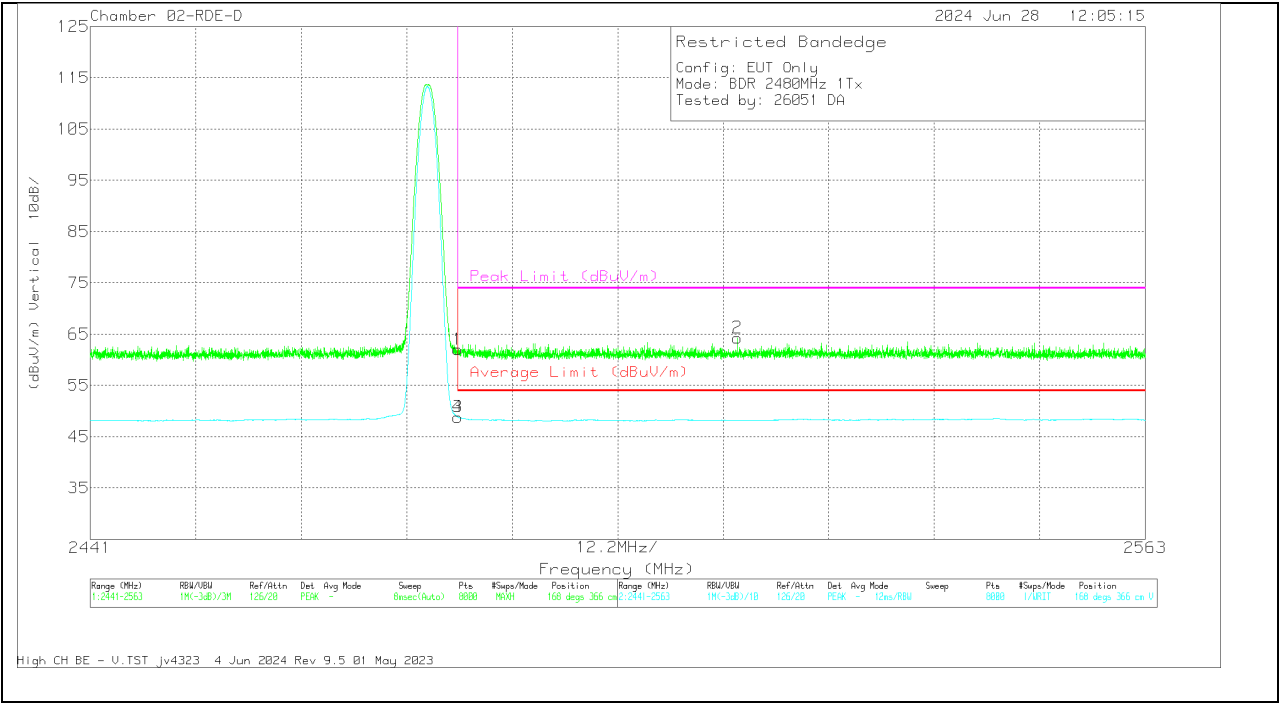
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	49.34	Pk	32.4	-19.6	62.14	-	-	74	-11.86	210	134	H
3	* 2483.5	36.11	VA1T	32.4	-19.6	48.91	54	-5.09	-	-	210	134	H
4	* 2483.507	36.11	VA1T	32.4	-19.6	48.91	54	-5.09	-	-	210	134	H
2	2556.702	50.94	Pk	32.3	-19.3	63.94	-	-	74	-10.06	210	134	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



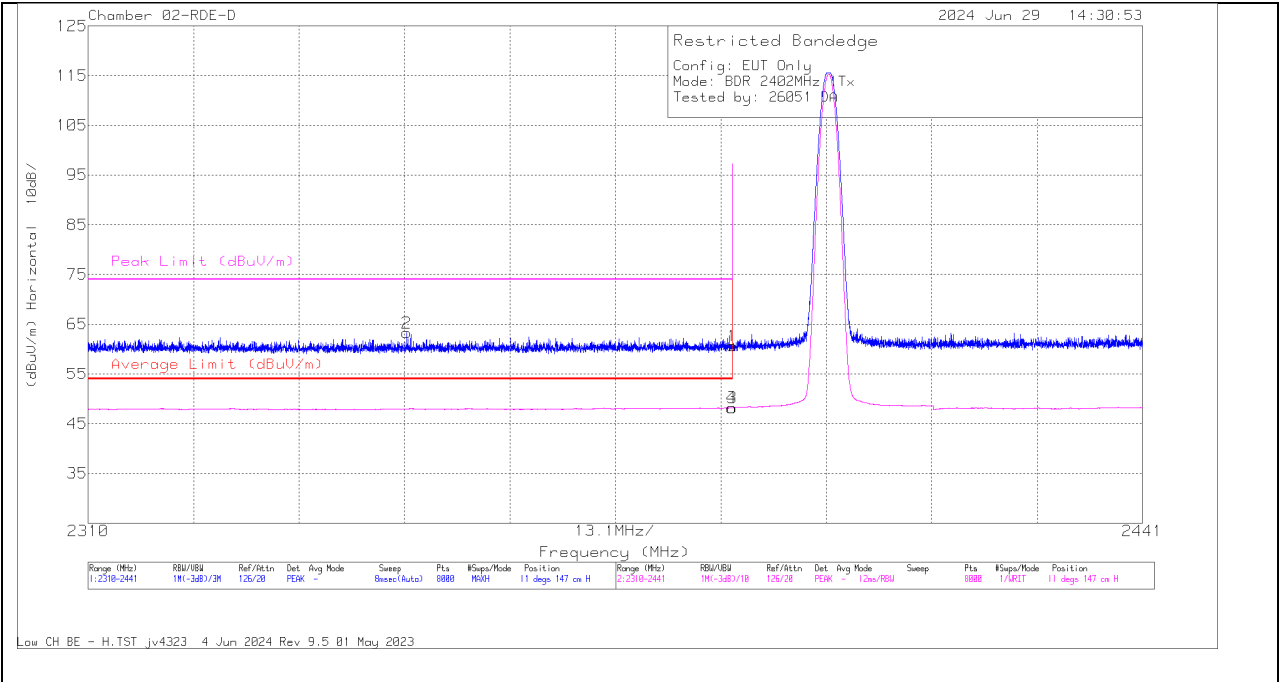
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	49.23	Pk	32.4	-19.6	62.03	-	-	74	-11.97	168	366	V
3	* 2483.5	36.04	VA1T	32.4	-19.6	48.84	54	-5.16	-	-	168	366	V
4	* 2483.507	36.04	VA1T	32.4	-19.6	48.84	54	-5.16	-	-	168	366	V
2	2515.811	51.28	Pk	32.4	-19.4	64.28	-	-	74	-9.72	168	366	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANT 3

BANDEGE (LOW CHANNEL)

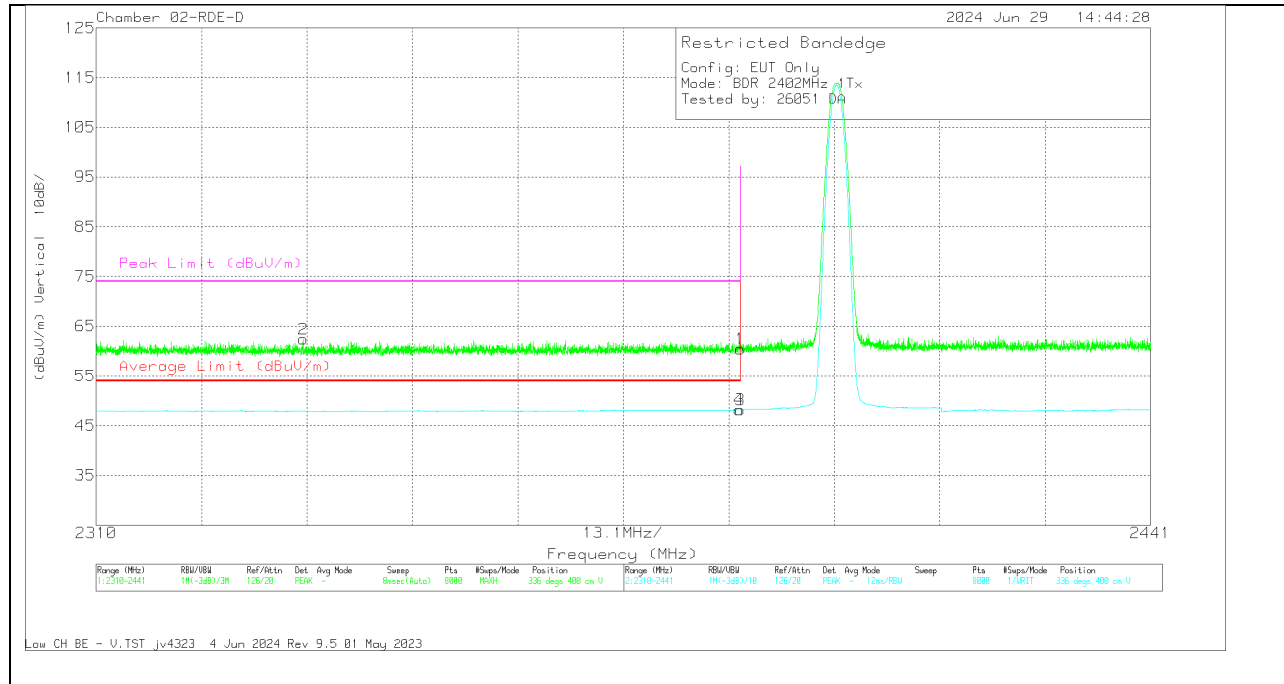
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF(dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	48.02	Pk	32.2	-19.6	60.62	-	-	74	-13.38	11	147	H
2	* 2349.583	50.76	Pk	32.1	-19.6	63.26	-	-	74	-10.74	11	147	H
3	* 2390	35.59	VA1T	32.2	-19.6	48.19	54	-5.81	-	-	11	147	H
4	* 2389.969	35.59	VA1T	32.2	-19.6	48.19	54	-5.81	-	-	11	147	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.79	Pk	32.2	-19.6	60.39	-	-	74	-13.61	336	400	V
2	* 2335.696	50.08	Pk	32	-19.7	62.38	-	-	74	-11.62	336	400	V
3	* 2390	35.59	VA1T	32.2	-19.6	48.19	54	-5.81	-	-	336	400	V
4	* 2389.887	35.62	VA1T	32.2	-19.6	48.22	54	-5.78	-	-	336	400	V

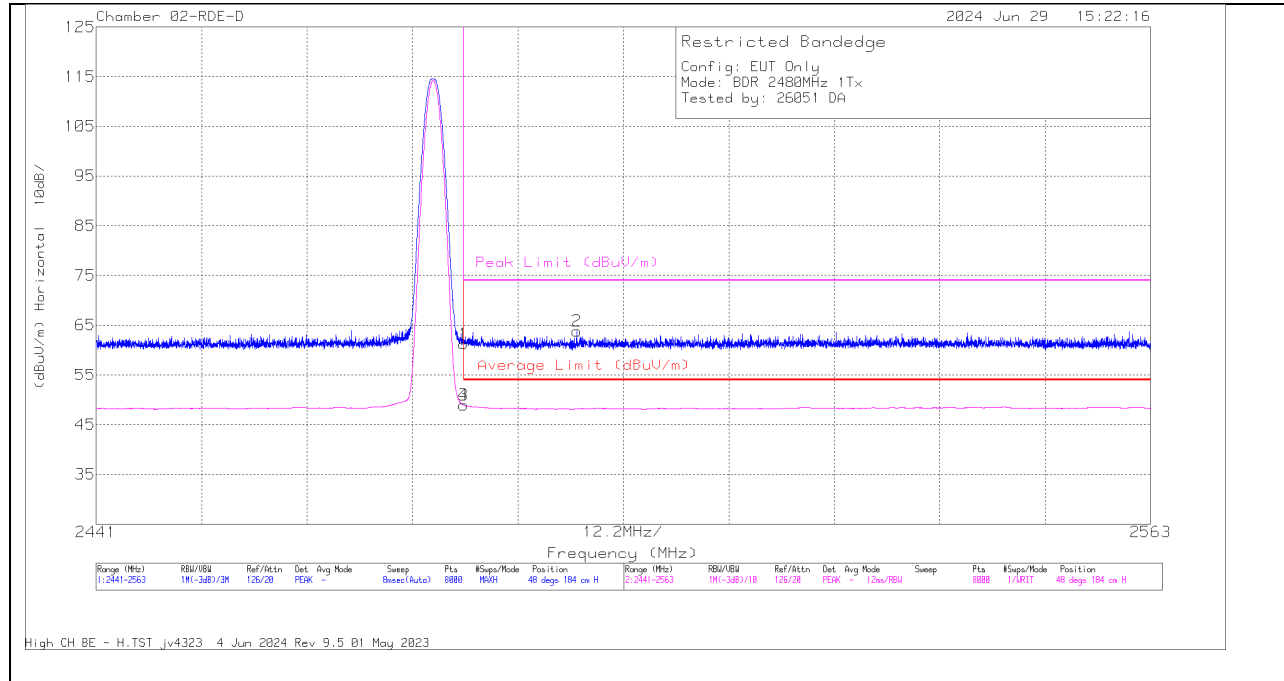
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



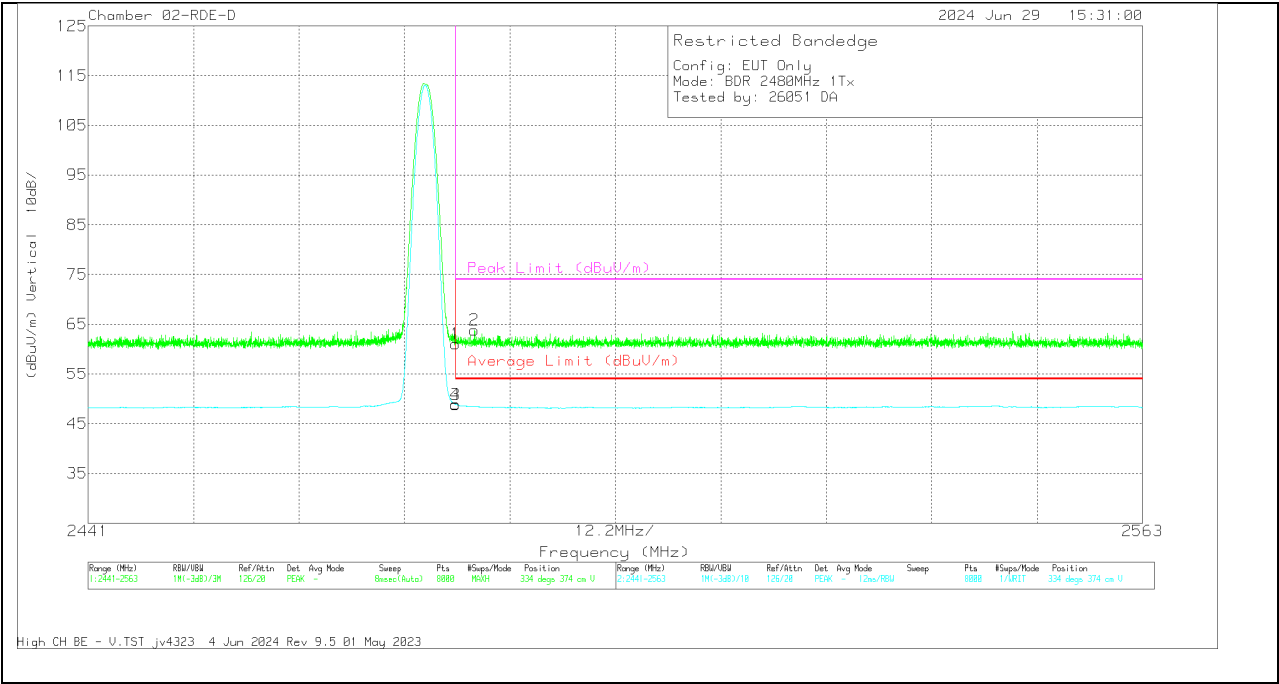
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.43	Pk	32.4	-19.6	61.23	-	-	74	-12.77	48	184	H
2	* 2496.594	50.97	Pk	32.4	-19.5	63.87	-	-	74	-10.13	48	184	H
3	* 2483.5	36.17	VA1T	32.4	-19.6	48.97	54	-5.03	-	-	48	184	H
4	* 2483.507	36.16	VA1T	32.4	-19.6	48.96	54	-5.04	-	-	48	184	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



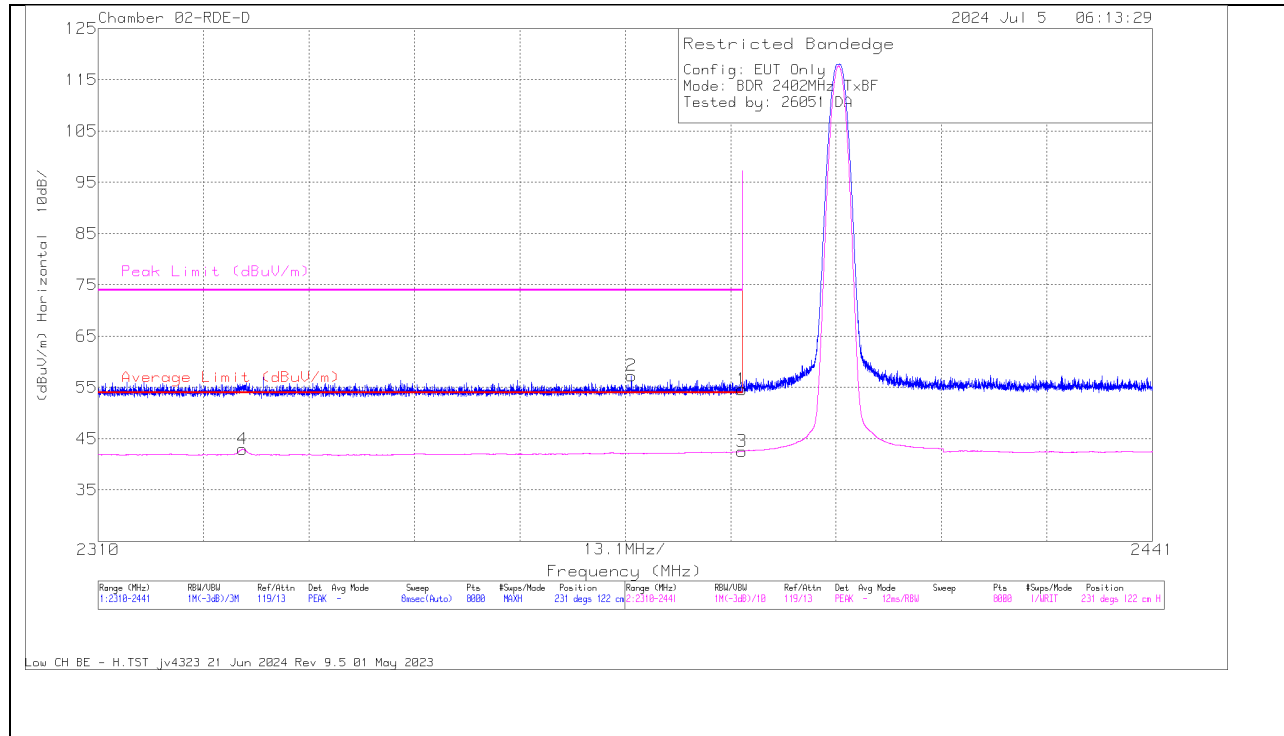
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.24	Pk	32.4	-19.6	61.04	-	-	74	-12.96	334	374	V
2	* 2485.719	50.96	Pk	32.4	-19.5	63.86	-	-	74	-10.14	334	374	V
3	* 2483.5	36.08	VA1T	32.4	-19.6	48.88	54	-5.12	-	-	334	374	V
4	* 2483.507	36.07	VA1T	32.4	-19.6	48.87	54	-5.13	-	-	334	374	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.2. HIGH POWER BASIC DATA RATE TX BF GFSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



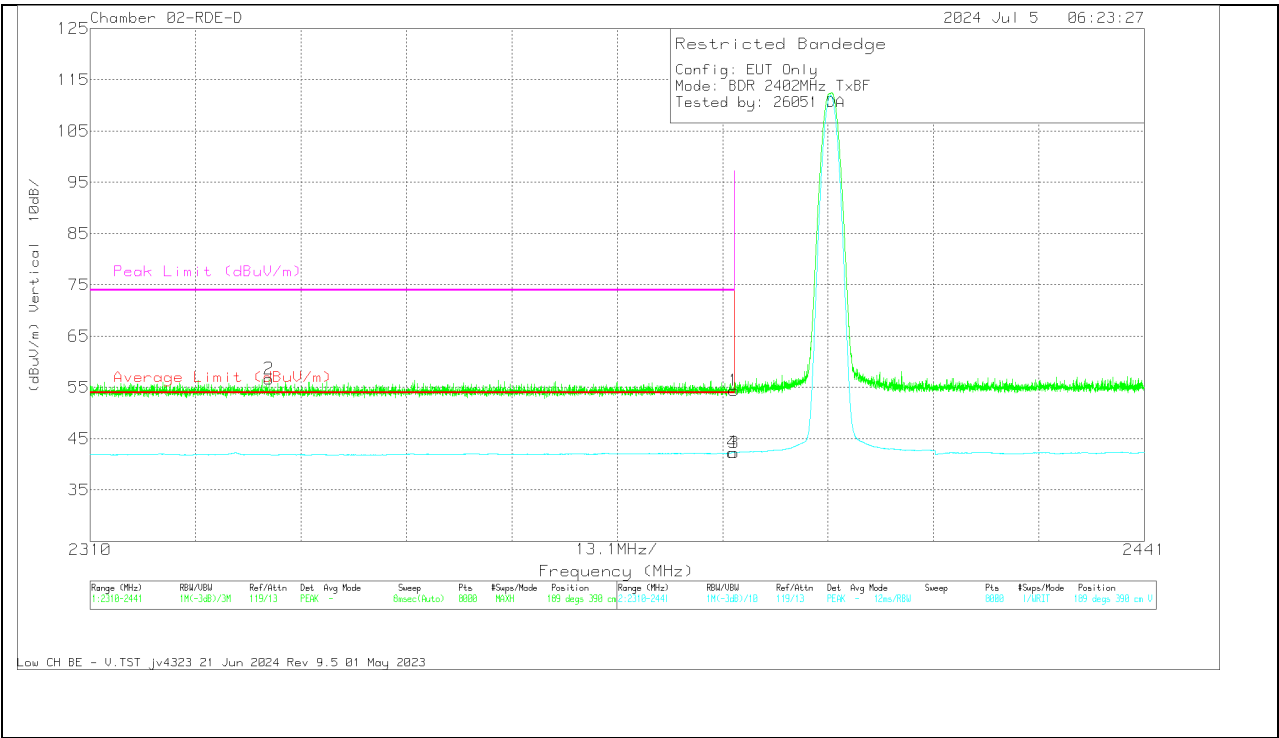
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	42.03	PK	32.2	-19.6	54.63	-	-	74	-19.37	231	122	H
2	* 2376.261	44.8	PK	32.2	-19.7	57.3	-	-	74	-16.7	231	122	H
3	* 2390	29.94	VA1T	32.2	-19.6	42.54	54	-11.46	-	-	231	122	H
4	* 2327.949	30.66	VA1T	32	-19.7	42.96	54	-11.04	-	-	231	122	H

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

PK - Peak detector

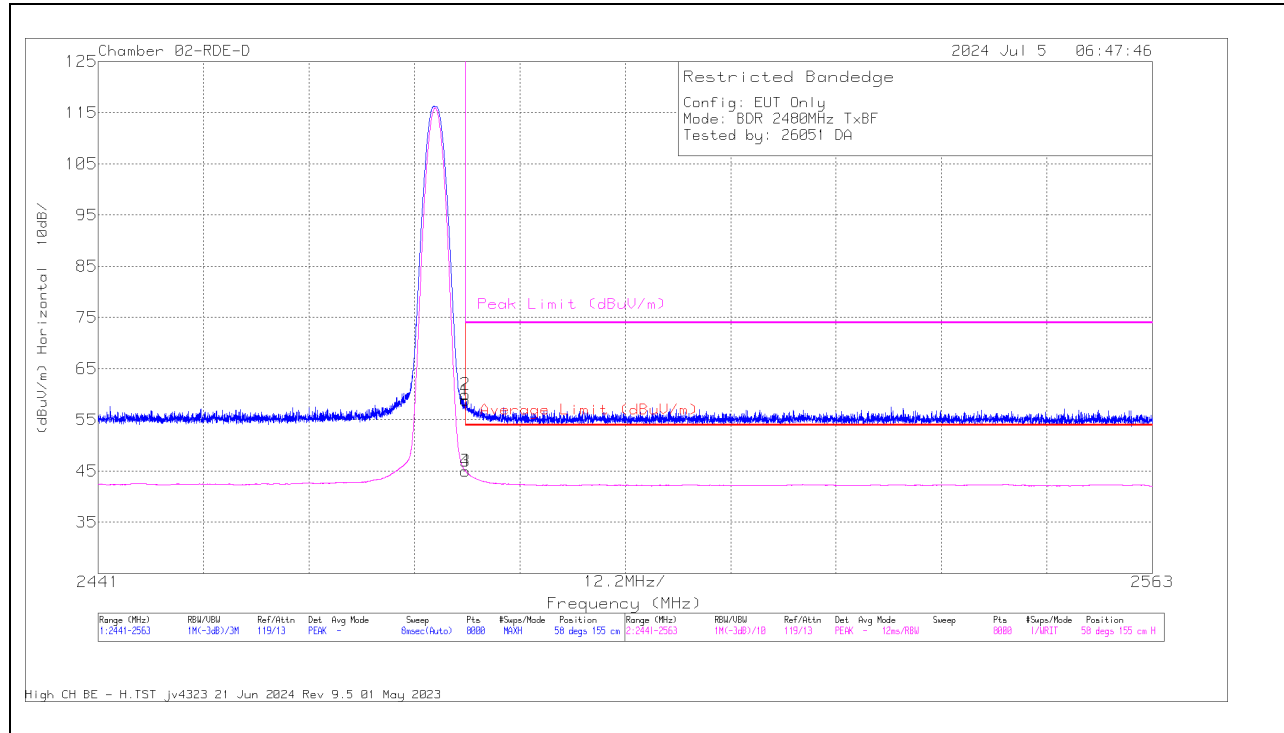
VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	41.81	Pk	32.2	-19.6	54.41	-	-	74	-19.59	189	390	V
2	* 2332.24	44.34	Pk	32	-19.7	56.64	-	-	74	-17.36	189	390	V
3	* 2390	29.64	VA1T	32.2	-19.6	42.24	54	-11.76	-	-	189	390	V
4	* 2389.805	29.68	VA1T	32.2	-19.6	42.28	54	-11.72	-	-	189	390	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

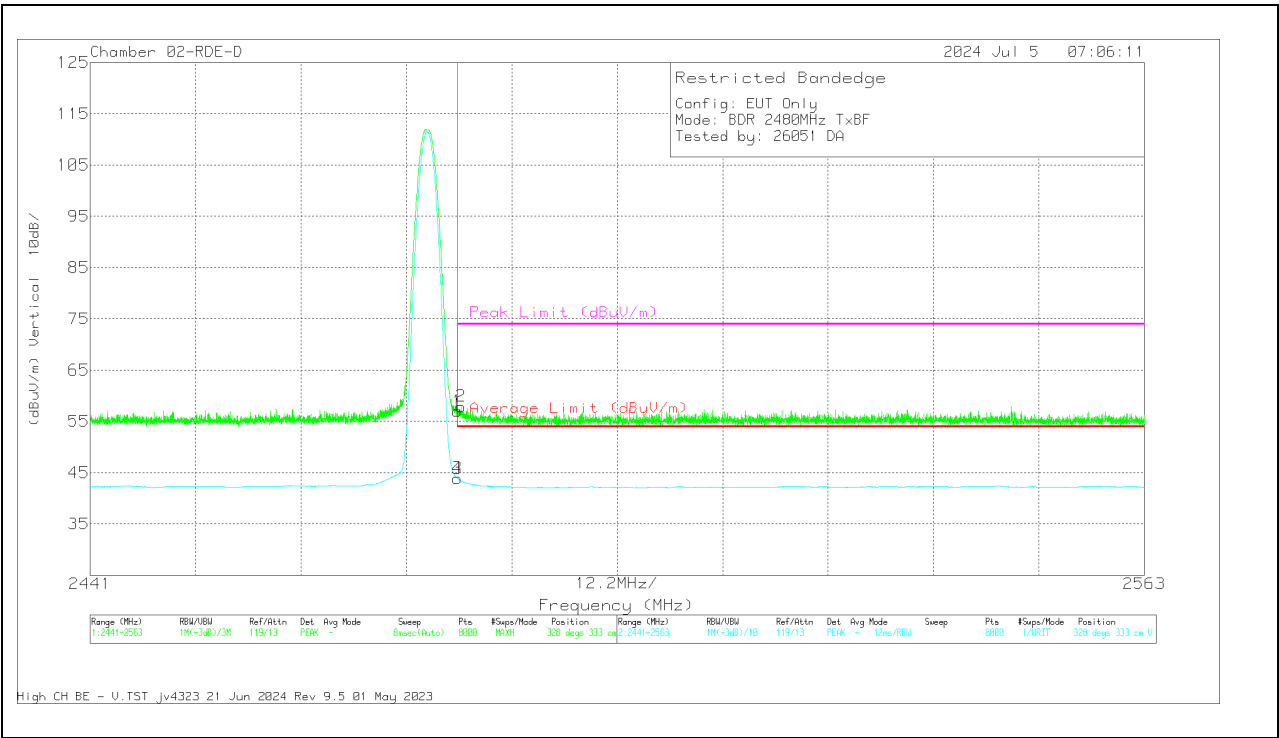
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	46.02	Pk	32.4	-19.6	58.82	-	-	74	-15.18	58	155	H
2	* 2483.523	47.17	Pk	32.4	-19.6	59.97	-	-	74	-14.03	58	155	H
3	* 2483.5	32.18	VA1T	32.4	-19.6	44.98	54	-9.02	-	-	58	155	H
4	* 2483.507	32.17	VA1T	32.4	-19.6	44.97	54	-9.03	-	-	58	155	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2483.5	44.19	Pk	32.4	-19.6	56.99	-	-	74	-17.01	328	333	V
2	* 2483.919	45.12	Pk	32.4	-19.6	57.92	-	-	74	-16.08	328	333	V
3	* 2483.5	31.08	VA1T	32.4	-19.6	43.88	54	-10.12	-	-	328	333	V
4	* 2483.507	31.07	VA1T	32.4	-19.6	43.87	54	-10.13	-	-	328	333	V

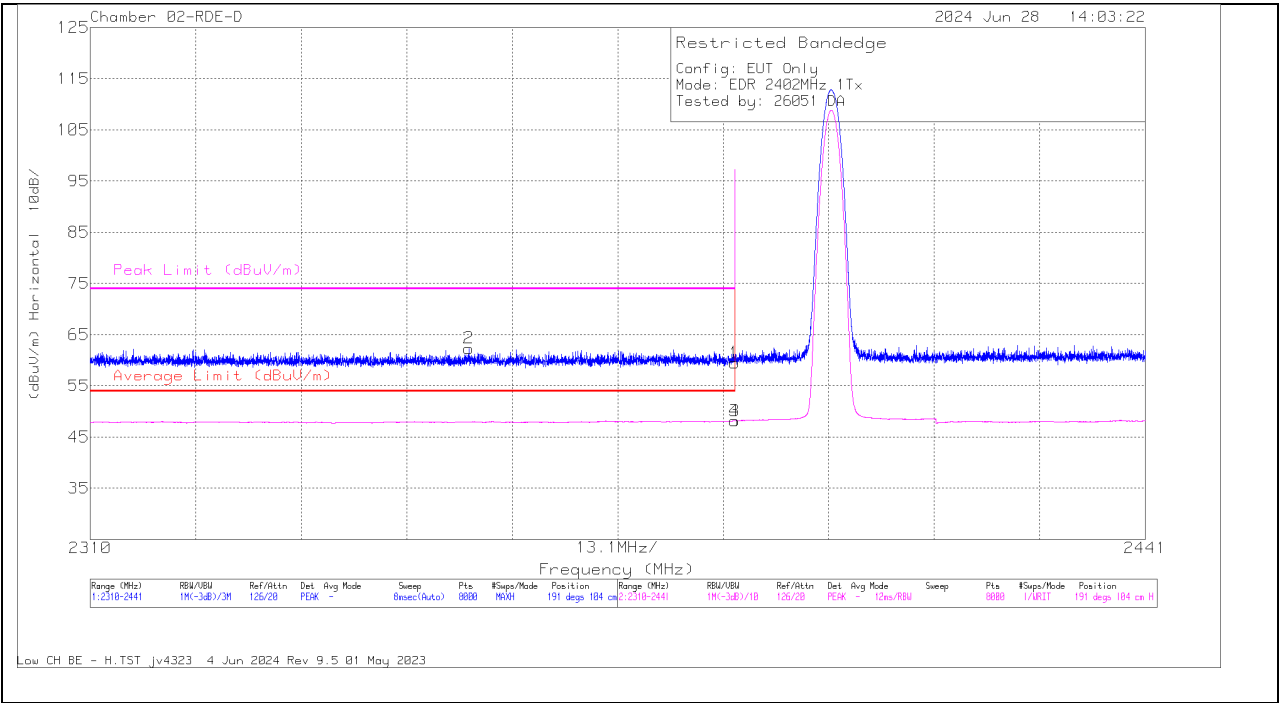
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.3. HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

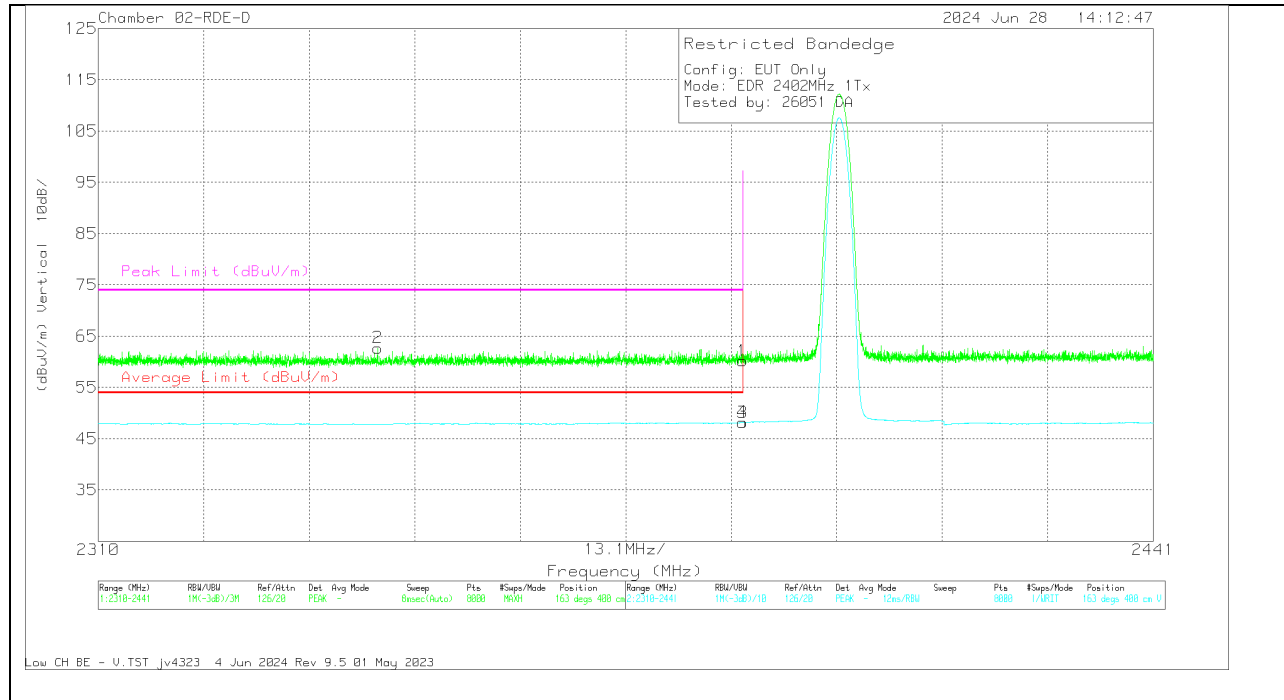
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	46.86	Pk	32.2	-19.6	59.46	-	-	74	-14.54	191	104	H
2	* 2357.002	49.84	Pk	32.1	-19.6	62.34	-	-	74	-11.66	191	104	H
3	* 2390	35.54	VA1T	32.2	-19.6	48.14	54	-5.86	-	-	191	104	H
4	* 2389.953	35.55	VA1T	32.2	-19.6	48.15	54	-5.85	-	-	191	104	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.57	Pk	32.2	-19.6	60.17	-	-	74	-13.83	163	400	V
2	* 2344.686	50.4	Pk	32	-19.7	62.7	-	-	74	-11.3	163	400	V
3	* 2390	35.55	VA1T	32.2	-19.6	48.15	54	-5.85	-	-	163	400	V
4	* 2389.953	35.57	VA1T	32.2	-19.6	48.17	54	-5.83	-	-	163	400	V

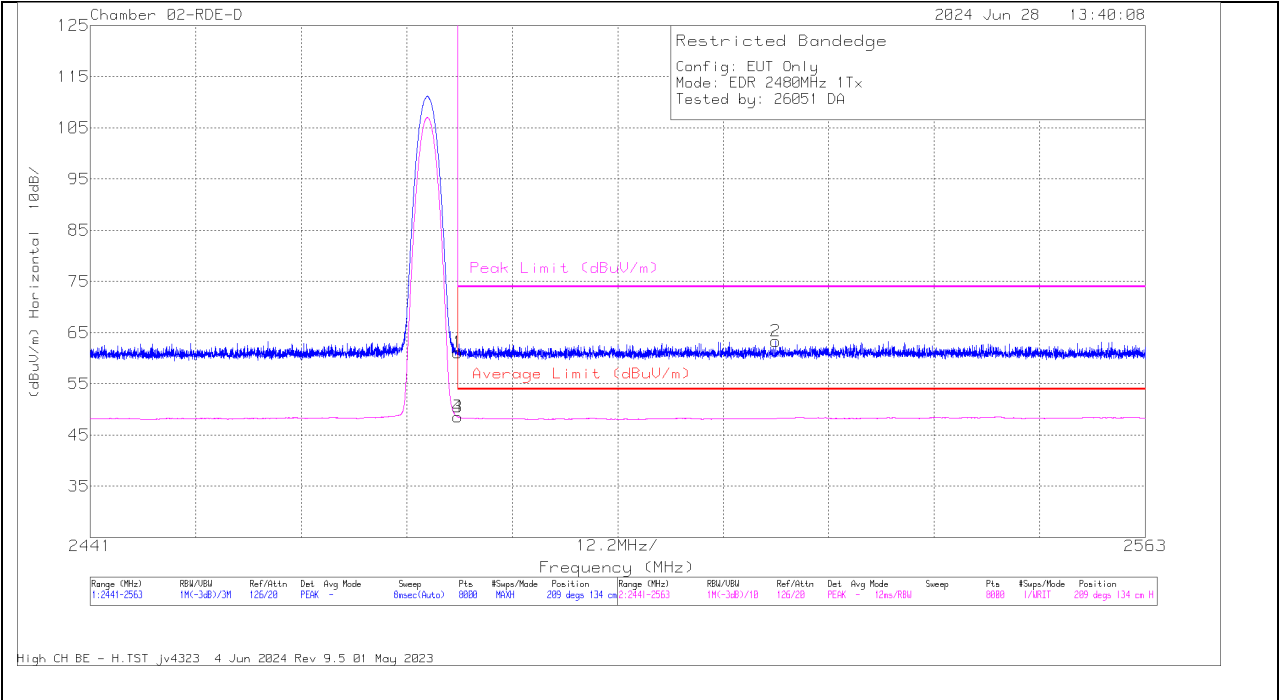
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)

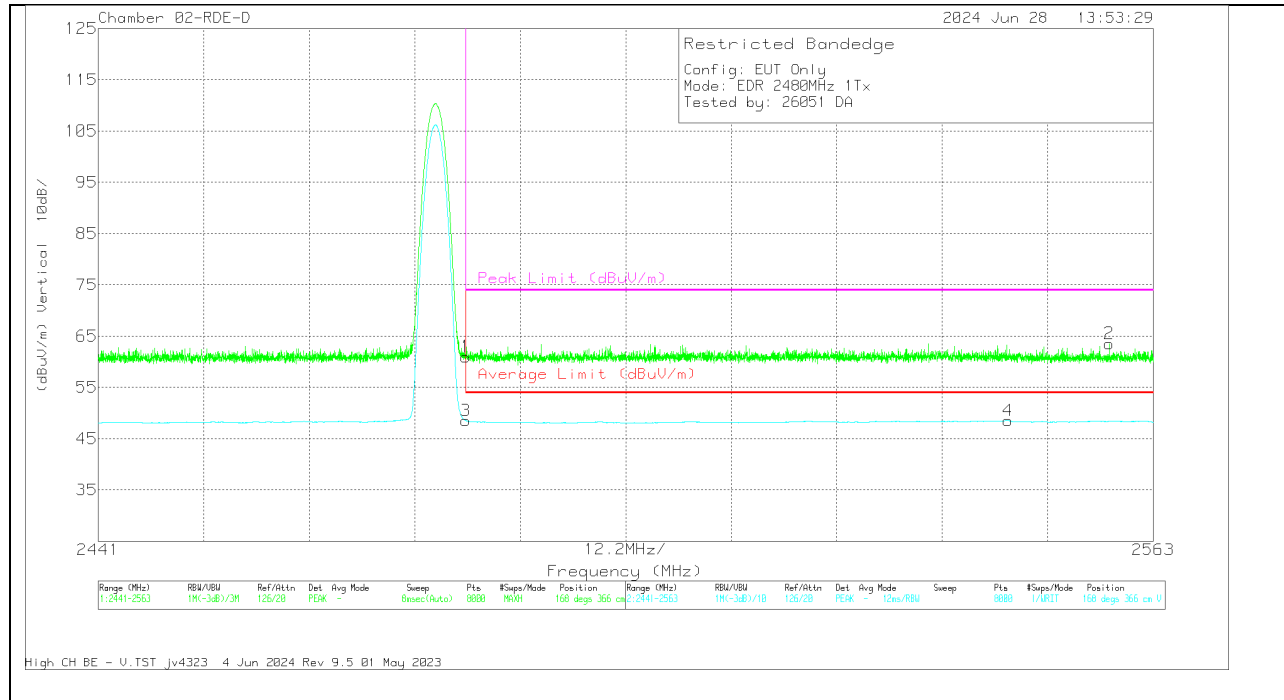
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2483.5	48.32	Pk	32.4	-19.6	61.12	-	-	74	-12.88	209	134	H
3	* 2483.5	35.73	VA1T	32.4	-19.6	48.53	54	-5.47	-	-	209	134	H
4	* 2483.507	35.73	VA1T	32.4	-19.6	48.53	54	-5.47	-	-	209	134	H
2	2520.249	50.34	Pk	32.4	-19.4	63.34	-	-	74	-10.66	209	134	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.15	Pk	32.4	-19.6	60.95	-	-	74	-13.05	168	366	V
3	* 2483.5	35.71	VA1T	32.4	-19.6	48.51	54	-5.49	-	-	168	366	V
4	2546.224	35.32	VA1T	32.4	-19.2	48.52	54	-5.48	-	-	168	366	V
2	2557.922	50.54	Pk	32.3	-19.3	63.54	-	-	74	-10.46	168	366	V

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

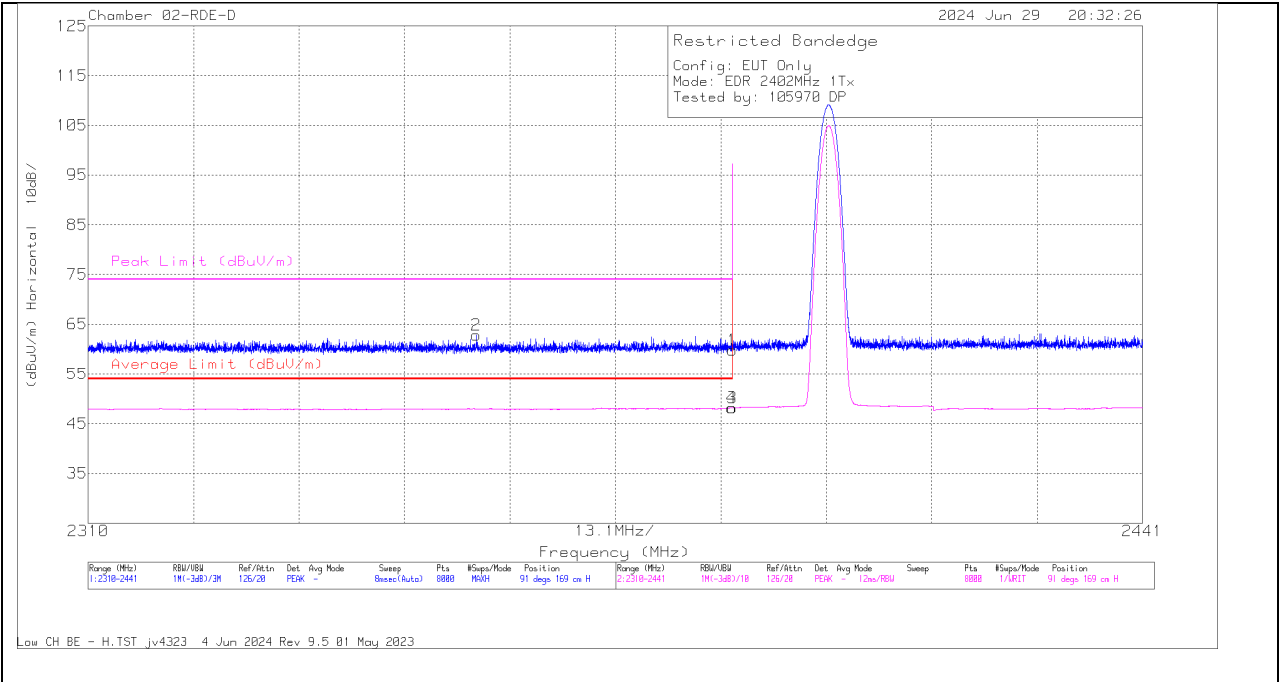
Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANT 3

BANDEGE (LOW CHANNEL)

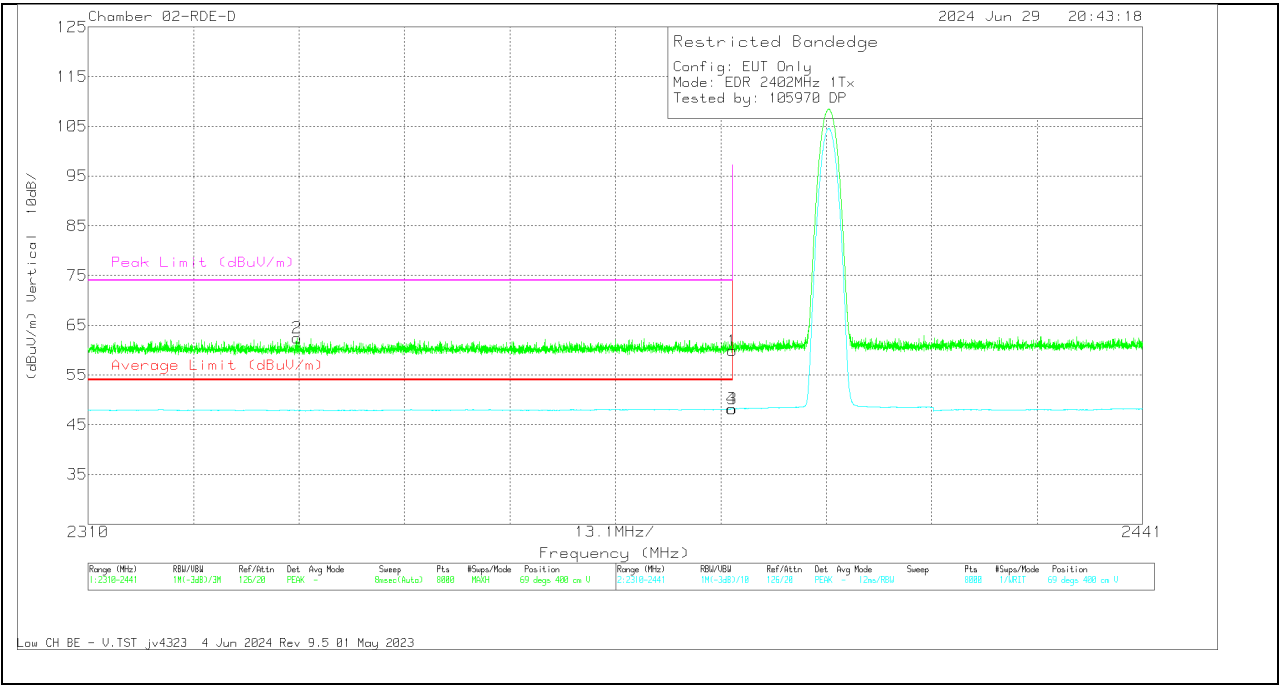
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.16	Pk	32.2	-19.6	59.76	-	-	74	-14.24	91	169	H
2	* 2358.198	50.27	Pk	32.1	-19.6	62.77	-	-	74	-11.23	91	169	H
3	* 2390	35.54	VA1T	32.2	-19.6	48.14	54	-5.86	-	-	91	169	H
4	* 2389.969	35.56	VA1T	32.2	-19.6	48.16	54	-5.84	-	-	91	169	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT

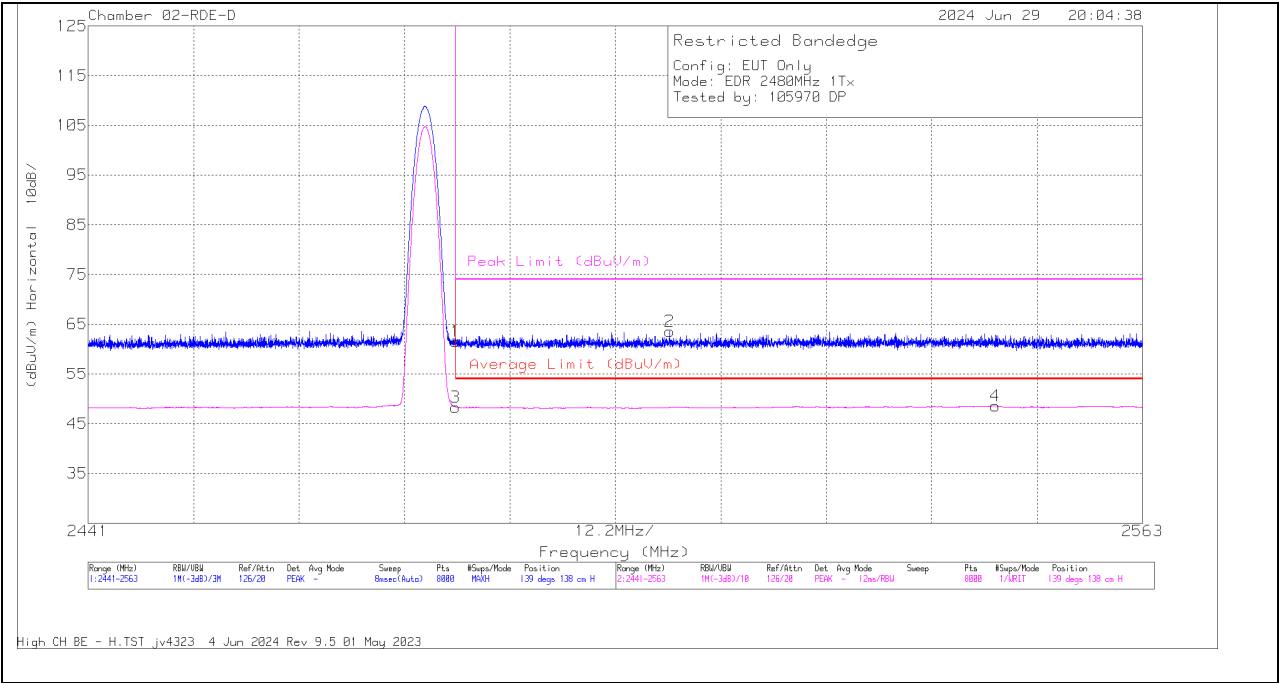


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.27	Pk	32.2	-19.6	59.87	-	-	74	-14.13	69	400	V
2	* 2335.941	50.12	Pk	32	-19.7	62.42	-	-	74	-11.58	69	400	V
3	* 2390	35.55	VA1T	32.2	-19.6	48.15	54	-5.85	-	-	69	400	V
4	* 2389.985	35.55	VA1T	32.2	-19.6	48.15	54	-5.85	-	-	69	400	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANEDGE (HIGH CHANNEL)

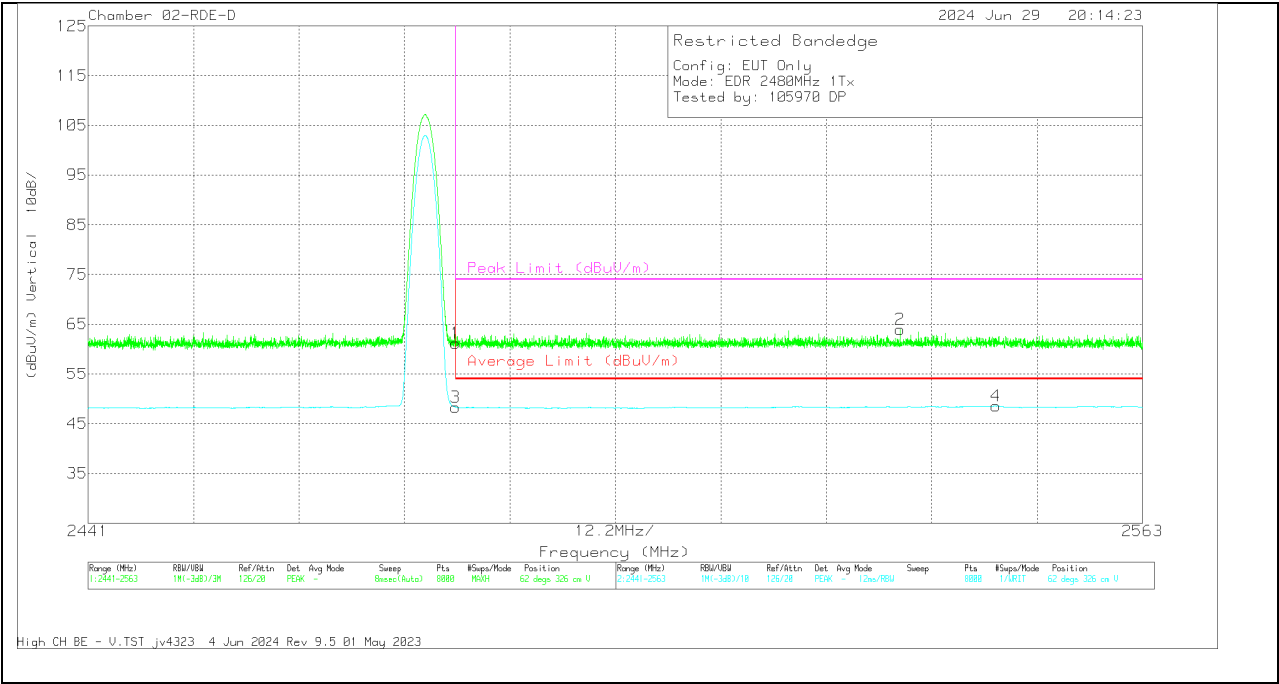
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.79	Pk	32.4	-19.6	61.59	-	-	74	-12.41	139	138	H
3	* 2483.5	35.56	VA1T	32.4	-19.6	48.36	54	-5.64	-	-	139	138	H
2	2508.261	50.54	Pk	32.4	-19.4	63.54	-	-	74	-10.46	139	138	H
4	2545.964	35.36	VA1T	32.4	-19.2	48.56	54	-5.44	-	-	139	138	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



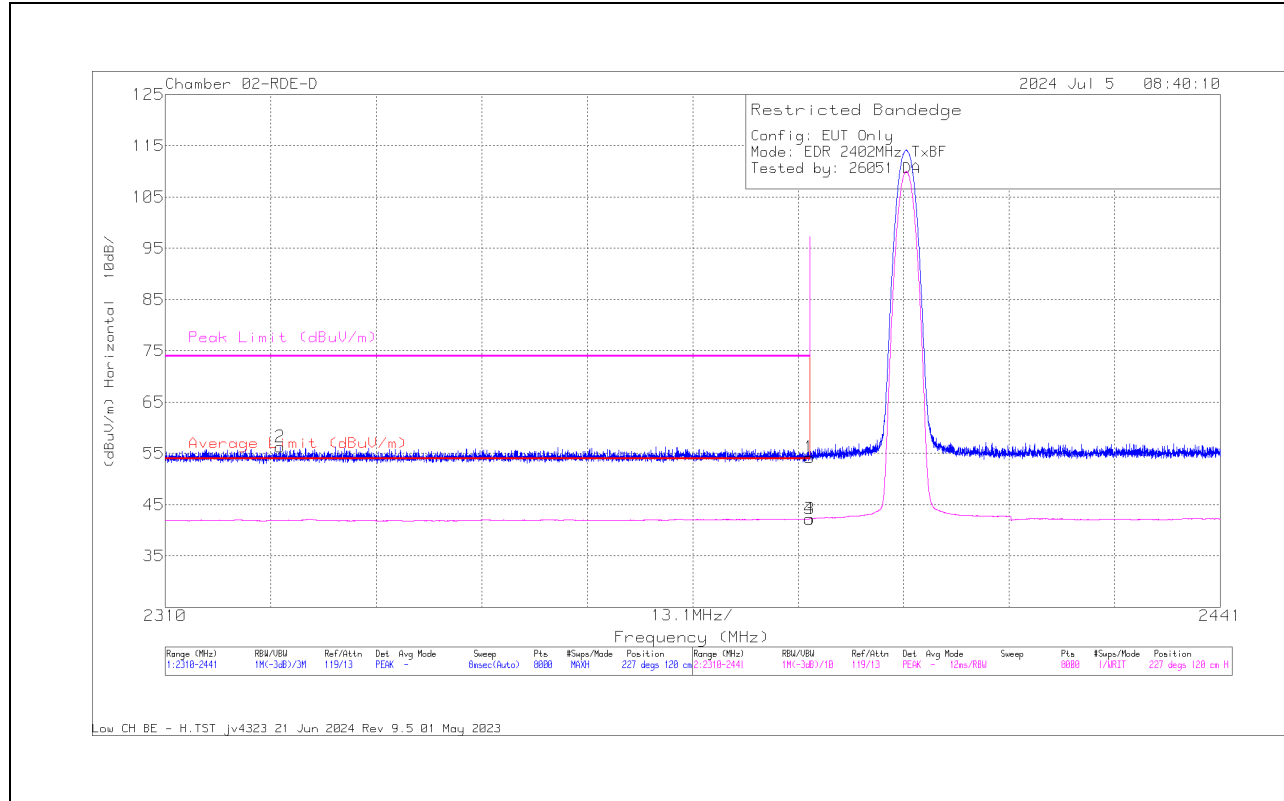
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.4	Pk	32.4	-19.6	61.2	-	-	74	-12.8	62	326	V
3	* 2483.5	35.55	VA1T	32.4	-19.6	48.35	54	-5.65	-	-	62	326	V
2	2534.968	50.91	Pk	32.4	-19.4	63.91	-	-	74	-10.09	62	326	V
4	2546.01	35.35	VA1T	32.4	-19.2	48.55	54	-5.45	-	-	62	326	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.4. HIGH POWER BASIC DATA RATE TXBF 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



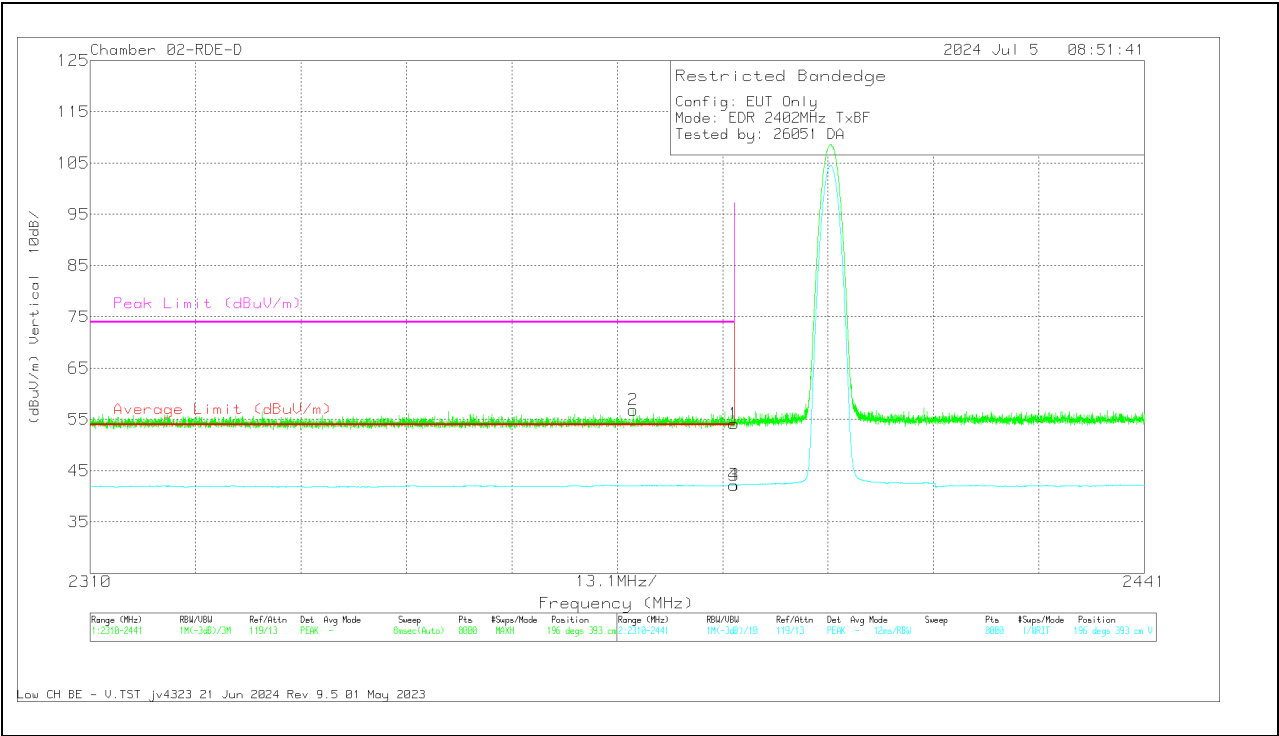
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	41.63	Pk	32.2	-19.6	54.23	-	-	74	-19.77	227	120	H
2	* 2324.264	43.97	Pk	32	-19.7	56.27	-	-	74	-17.73	227	120	H
3	* 2390	29.64	VA1T	32.2	-19.6	42.24	54	-11.76	-	-	227	120	H
4	* 2389.985	29.63	VA1T	32.2	-19.6	42.23	54	-11.77	-	-	227	120	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

VERTICAL RESULT

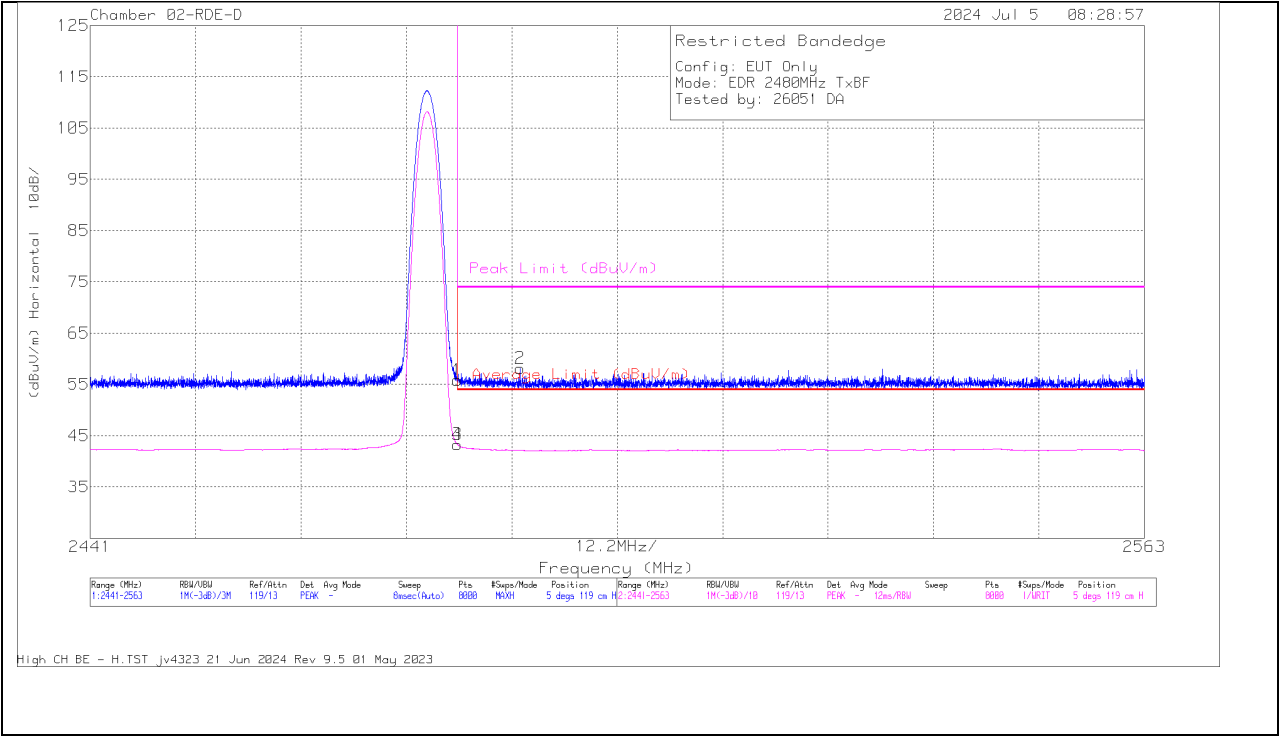


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2390	41.57	Pk	32.2	-19.6	54.17	-	-	74	-19.83	196	393	V
2	* 2377.473	44.34	Pk	32.2	-19.7	56.84	-	-	74	-17.16	196	393	V
3	* 2390	29.57	VA1T	32.2	-19.6	42.17	54	-11.83	-	-	196	393	V
4	* 2389.953	29.58	VA1T	32.2	-19.6	42.18	54	-11.82	-	-	196	393	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANEDGE (HIGH CHANNEL)

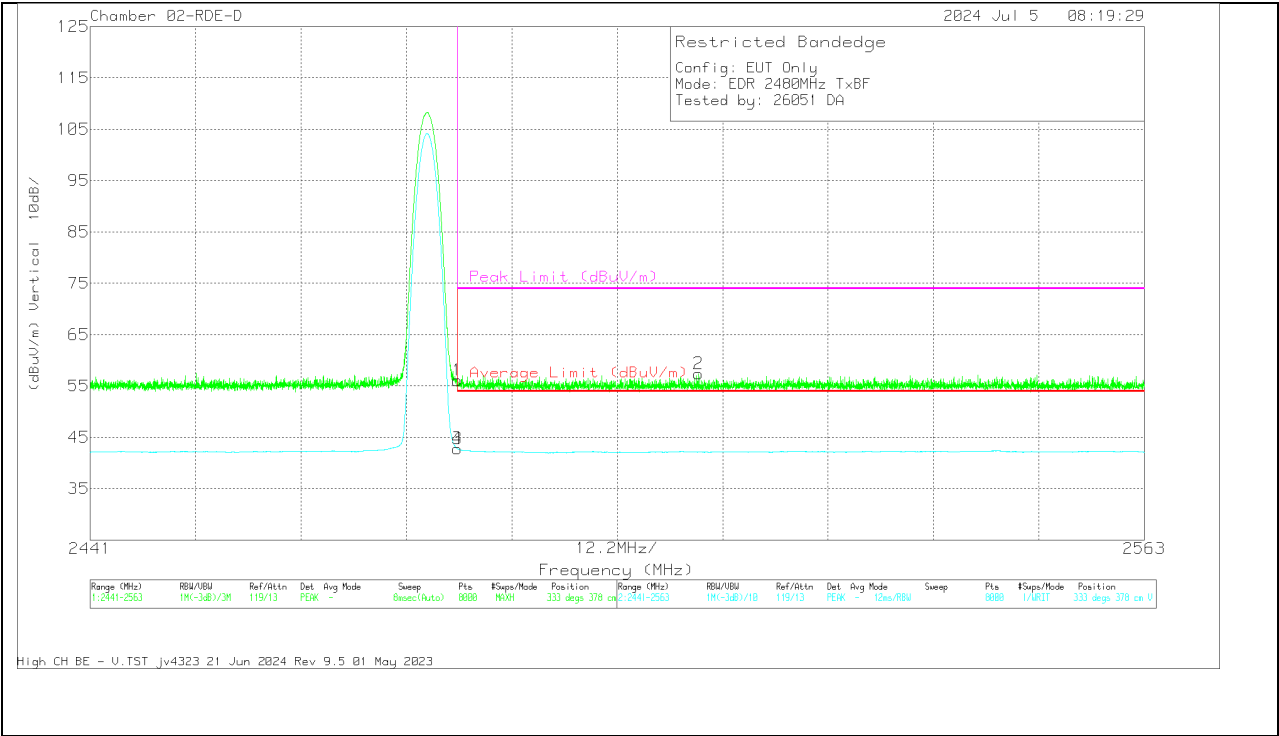
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	43.05	Pk	32.4	-19.6	55.85	-	-	74	-18.15	5	119	H
2	* 2490.737	45.25	Pk	32.4	-19.5	58.15	-	-	74	-15.85	5	119	H
3	* 2483.5	30.49	VA1T	32.4	-19.6	43.29	54	-10.71	-	-	5	119	H
4	* 2483.507	30.48	VA1T	32.4	-19.6	43.28	54	-10.72	-	-	5	119	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	43.29	Pk	32.4	-19.6	56.09	-	-	74	-17.91	333	378	V
3	* 2483.5	29.99	VA1T	32.4	-19.6	42.79	54	-11.21	-	-	333	378	V
4	* 2483.507	29.98	VA1T	32.4	-19.6	42.78	54	-11.22	-	-	333	378	V
2	2511.403	44.39	Pk	32.4	-19.4	57.39	-	-	74	-16.61	333	378	V

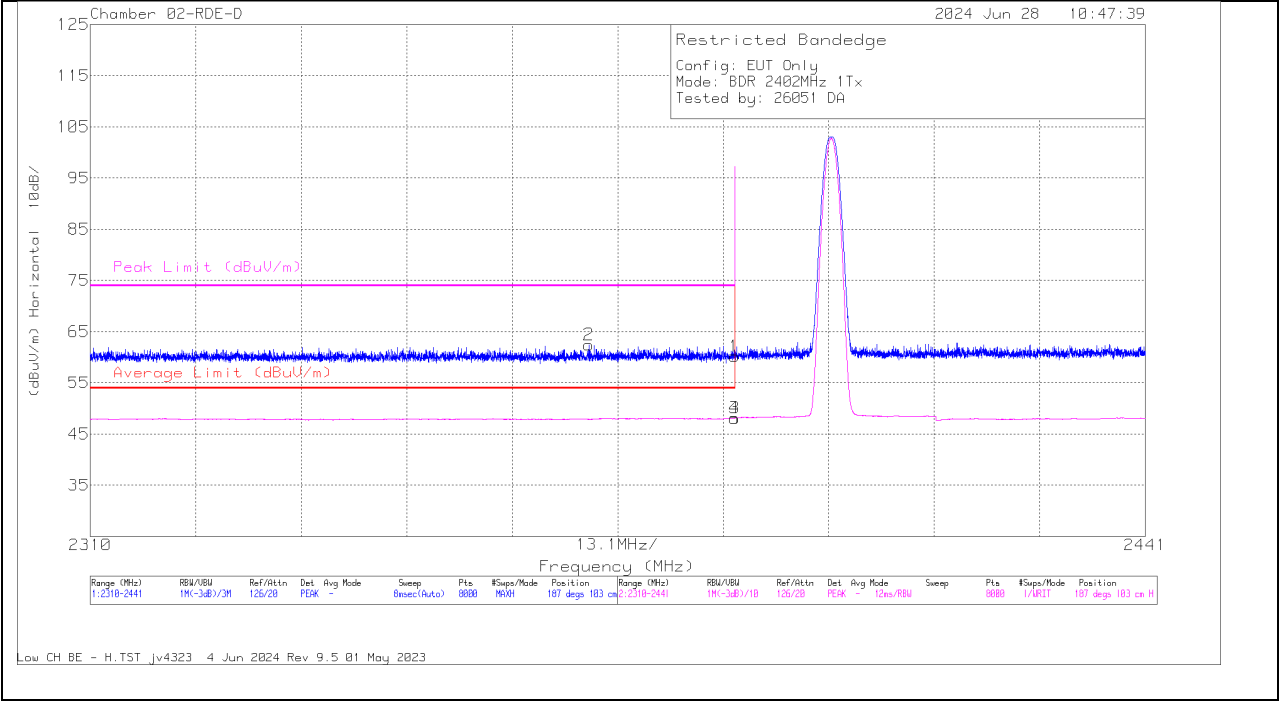
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.5. LOW POWER BASIC DATA RATE GFSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

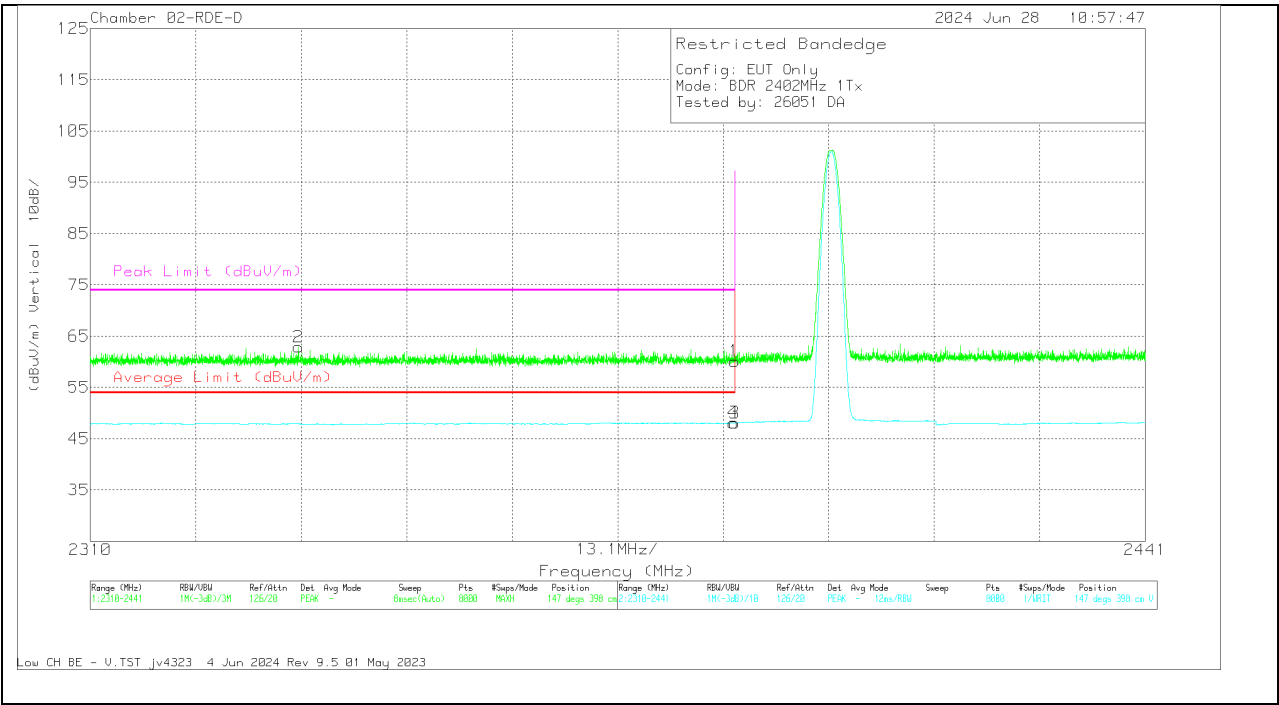
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.58	Pk	32.2	-19.6	60.18	-	-	74	-13.82	187	103	H
2	* 2371.905	50.03	Pk	32.1	-19.7	62.43	-	-	74	-11.57	187	103	H
3	* 2390	35.51	VA1T	32.2	-19.6	48.11	54	-5.89	-	-	187	103	H
4	* 2389.985	35.49	VA1T	32.2	-19.6	48.09	54	-5.91	-	-	187	103	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT

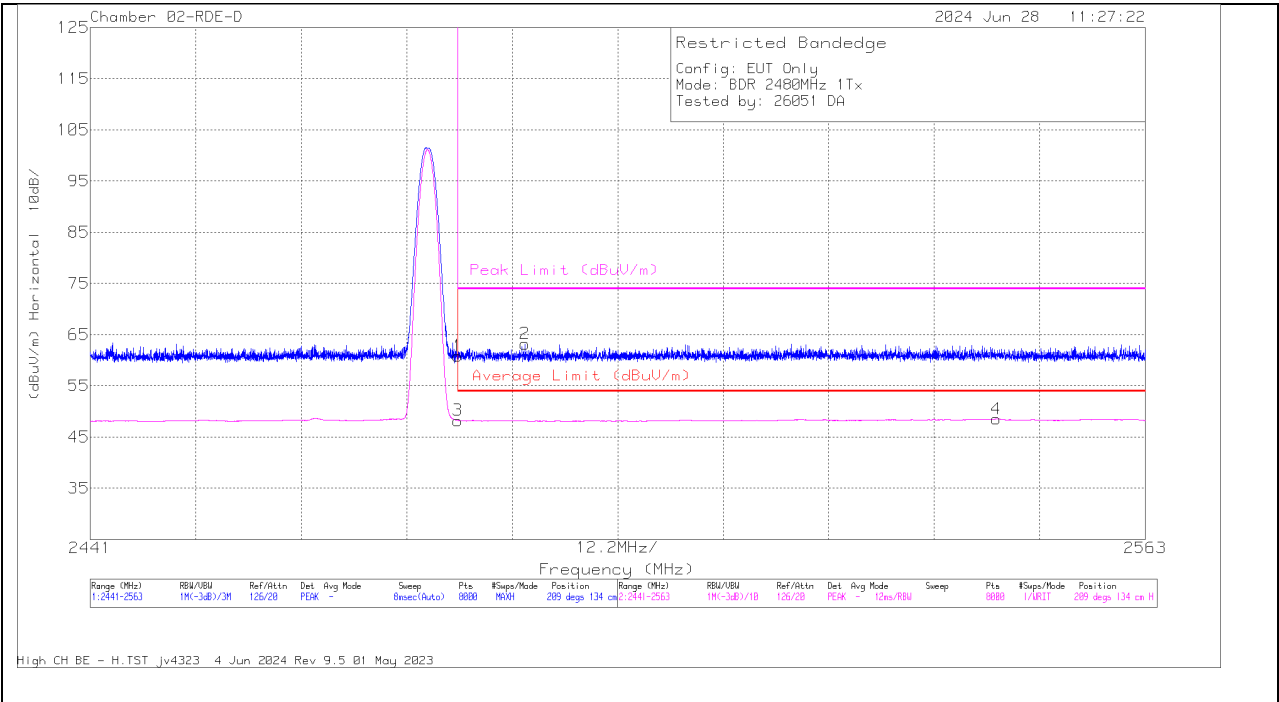


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.5	Pk	32.2	-19.6	60.1	-	-	74	-13.9	147	398	V
2	* 2335.843	50.57	Pk	32	-19.7	62.87	-	-	74	-11.13	147	398	V
3	* 2390	35.47	VA1T	32.2	-19.6	48.07	54	-5.93	-	-	147	398	V
4	* 2389.854	35.51	VA1T	32.2	-19.6	48.11	54	-5.89	-	-	147	398	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)

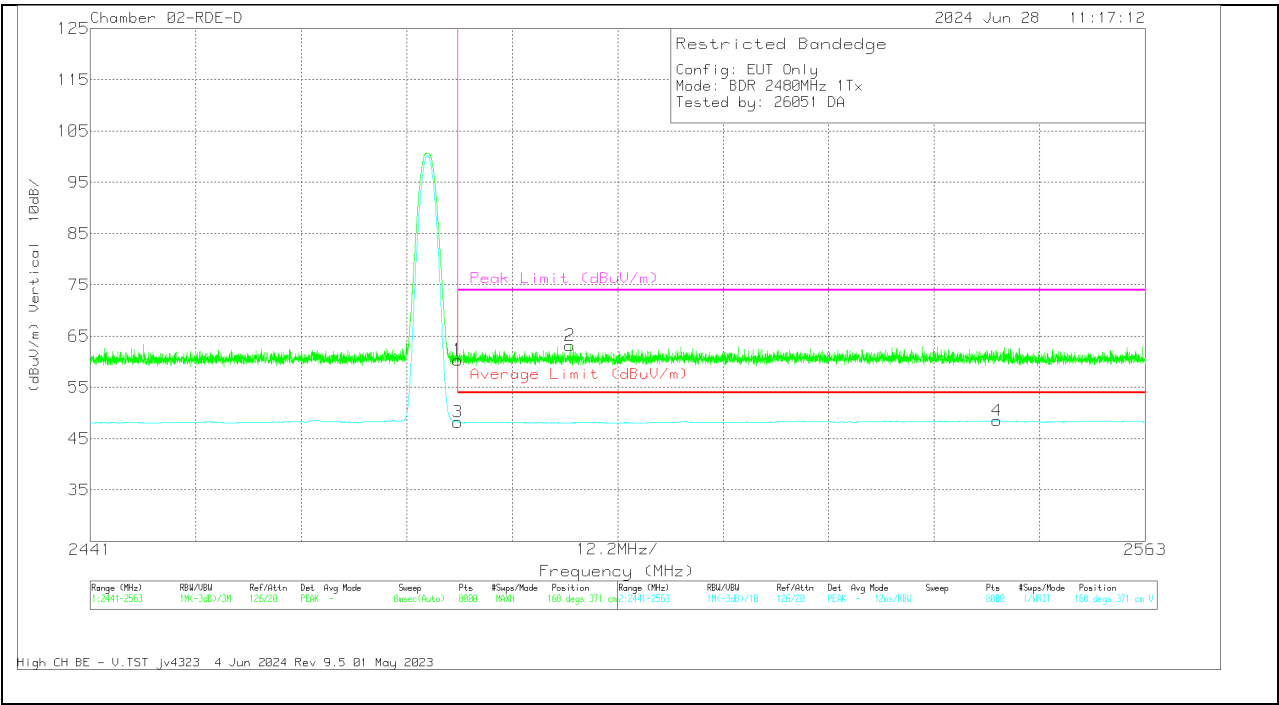
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.01	Pk	32.4	-19.6	60.81	-	-	74	-13.19	209	134	H
2	* 2491.271	50.3	Pk	32.4	-19.5	63.2	-	-	74	-10.8	209	134	H
3	* 2483.5	35.43	VA1T	32.4	-19.6	48.23	54	-5.77	-	-	209	134	H
4	2545.751	35.32	VA1T	32.4	-19.2	48.52	54	-5.48	-	-	209	134	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



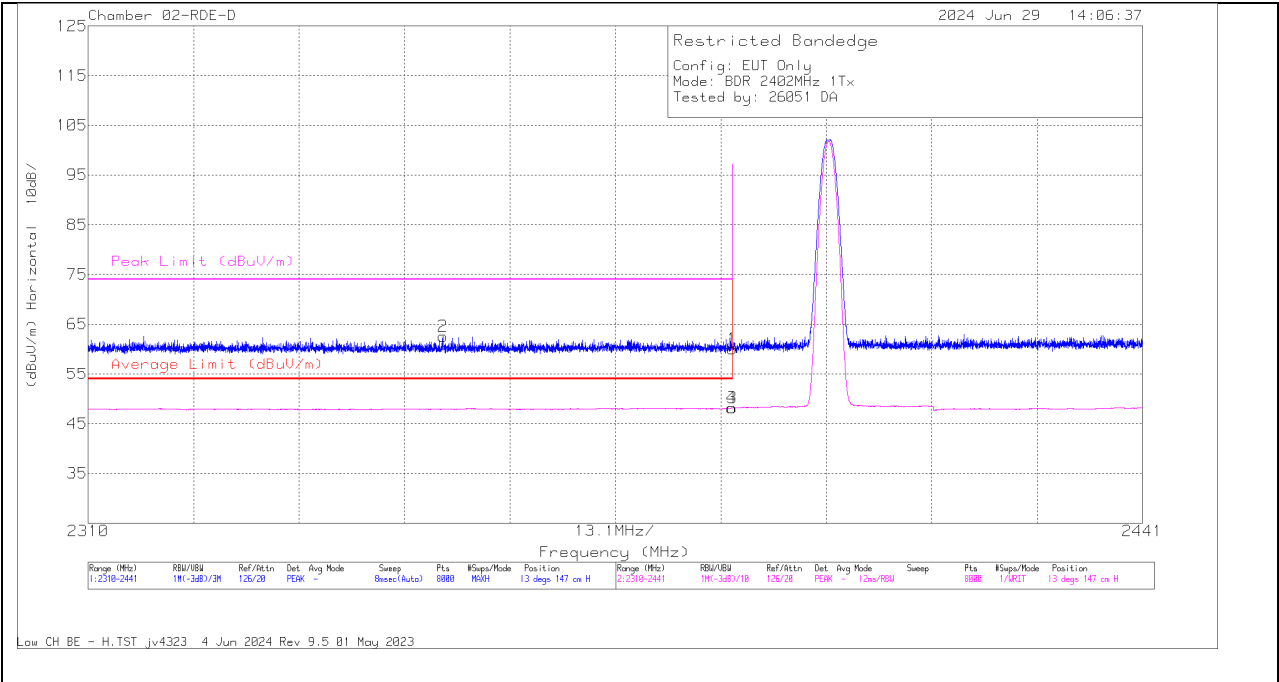
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	47.53	Pk	32.4	-19.6	60.33	-	-	74	-13.67	168	371	V
2	* 2496.472	50.34	Pk	32.4	-19.6	63.14	-	-	74	-10.86	168	371	V
3	* 2483.5	35.44	VA1T	32.4	-19.6	48.24	54	-5.76	-	-	168	371	V
4	2545.827	35.3	VA1T	32.4	-19.2	48.5	54	-5.5	-	-	168	371	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average $V_B=1/T_{on}$ where: T_{on} is transmit duration

ANT 3

BANDEGE (LOW CHANNEL)

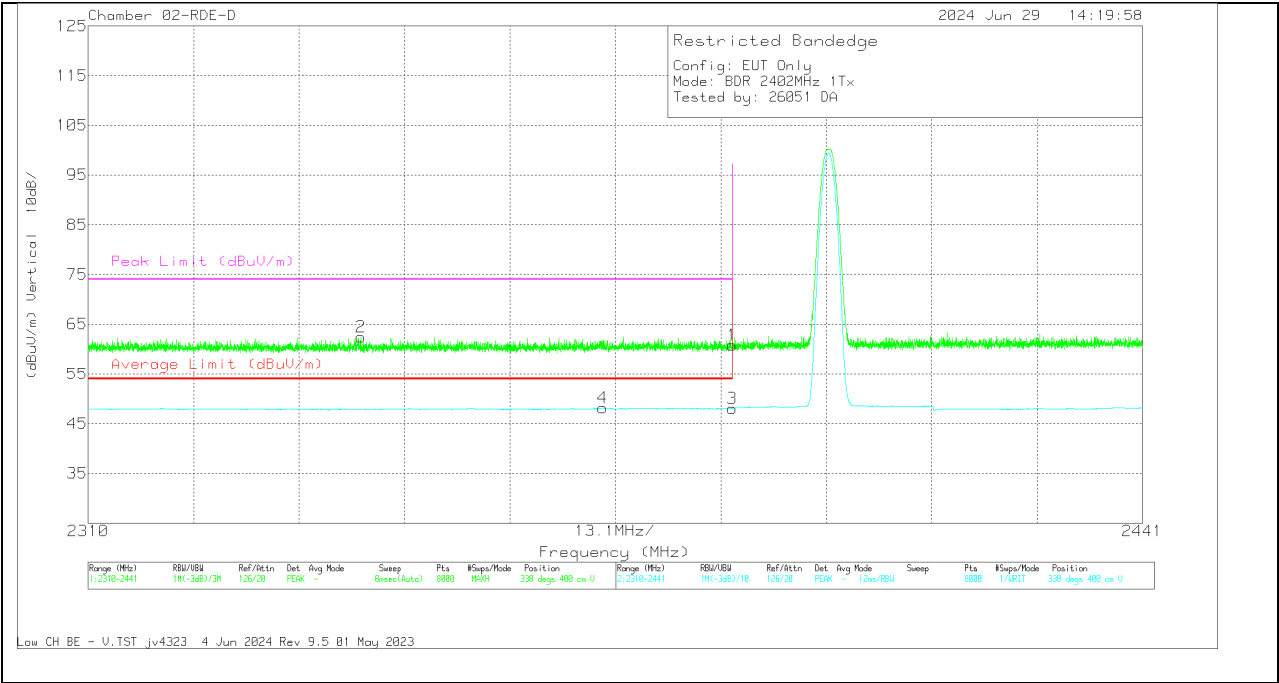
HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.4	Pk	32.2	-19.6	60	-	-	74	-14	13	147	H
2	* 2354.071	50.2	Pk	32.1	-19.7	62.6	-	-	74	-11.4	13	147	H
3	* 2390	35.56	VA1T	32.2	-19.6	48.16	54	-5.84	-	-	13	147	H
4	* 2389.985	35.55	VA1T	32.2	-19.6	48.15	54	-5.85	-	-	13	147	H

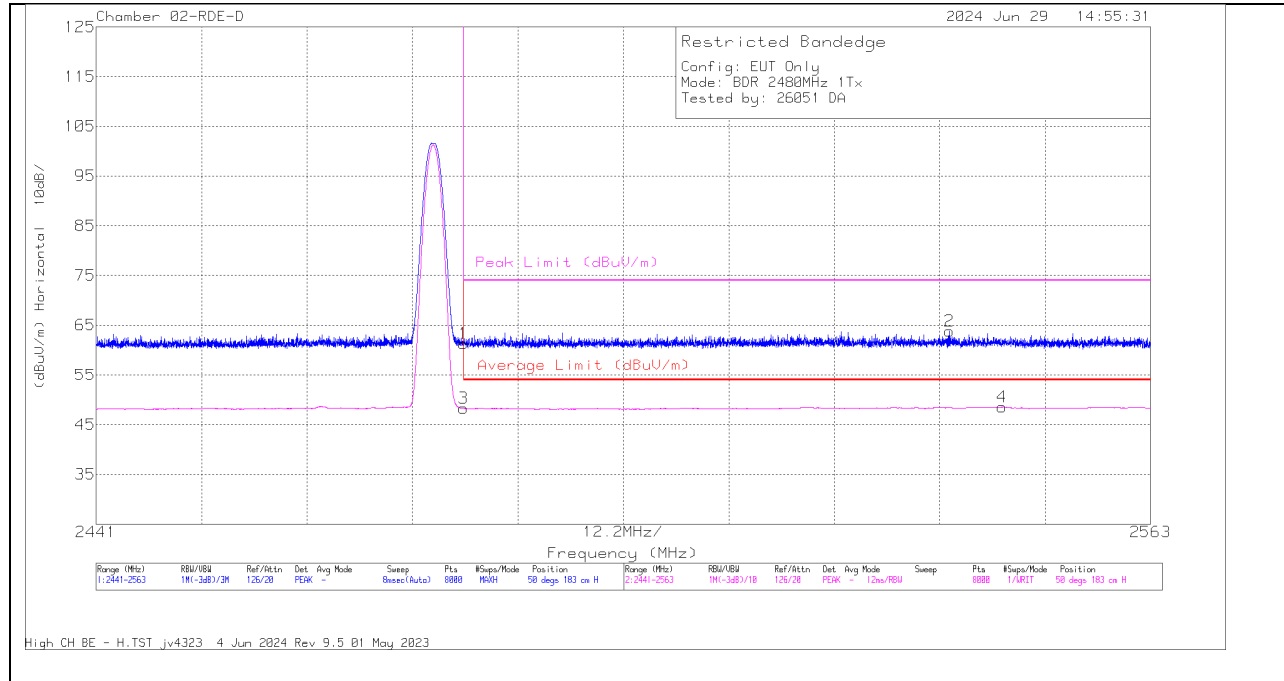
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	48.24	Pk	32.2	-19.6	60.84	-	-	74	-13.16	338	400	V
2	* 2343.868	50.17	Pk	32	-19.7	62.47	-	-	74	-11.53	338	400	V
3	* 2390	35.51	VA1T	32.2	-19.6	48.11	54	-5.89	-	-	338	400	V
4	* 2373.952	35.54	VA1T	32.2	-19.6	48.14	54	-5.86	-	-	338	400	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

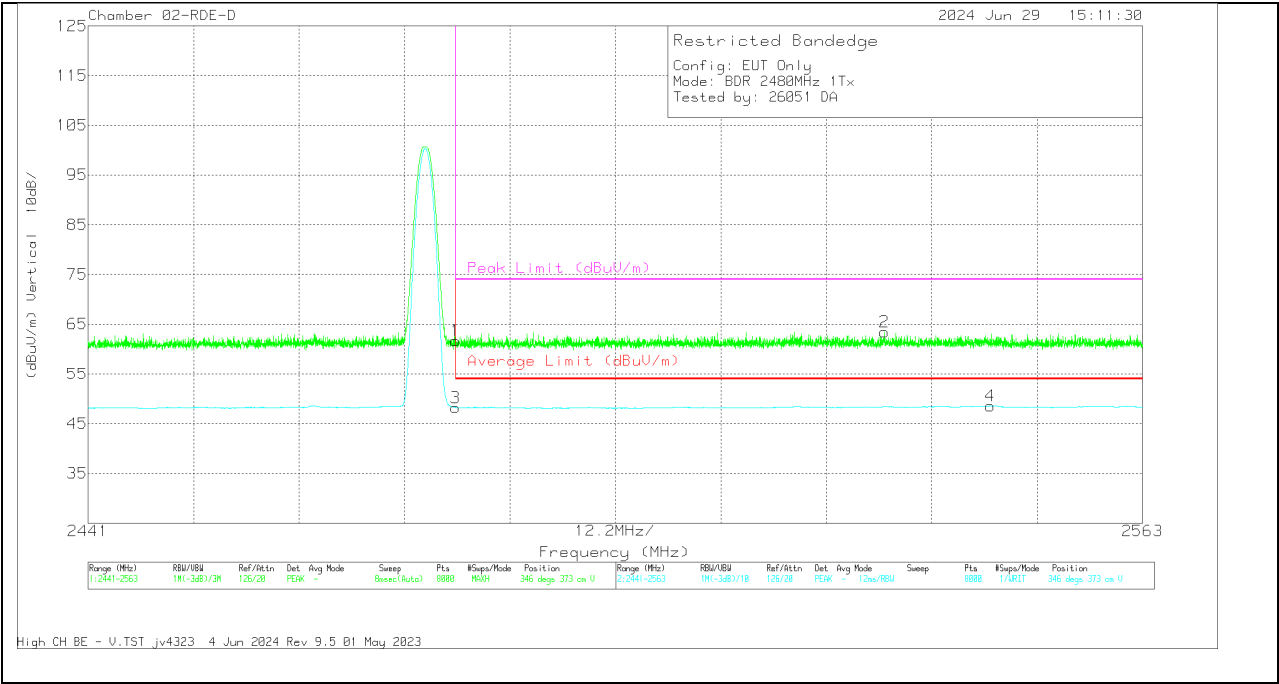
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.55	Pk	32.4	-19.6	61.35	-	-	74	-12.65	50	183	H
3	* 2483.5	35.48	VA1T	32.4	-19.6	48.28	54	-5.72	-	-	50	183	H
2	2539.711	50.72	Pk	32.4	-19.3	63.82	-	-	74	-10.18	50	183	H
4	2545.812	35.32	VA1T	32.4	-19.2	48.52	54	-5.48	-	-	50	183	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



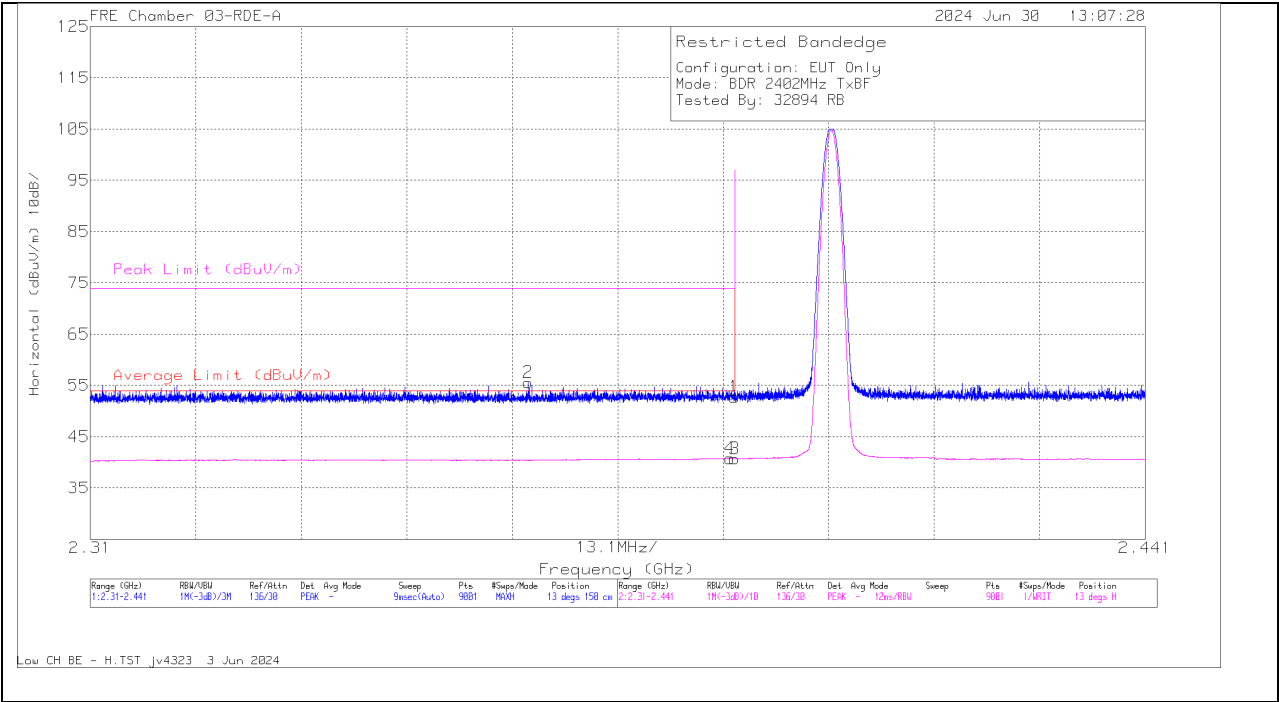
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.89	Pk	32.4	-19.6	61.69	-	-	74	-12.31	346	373	V
3	* 2483.5	35.44	VA1T	32.4	-19.6	48.24	54	-5.76	-	-	346	373	V
2	2533.153	50.33	Pk	32.4	-19.3	63.43	-	-	74	-10.57	346	373	V
4	2545.385	35.45	VA1T	32.4	-19.3	48.55	54	-5.45	-	-	346	373	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.6. LOW POWER BASIC DATA RATE TXBF GFSK MODULATION

BANDEDGE (LOW CHANNEL)

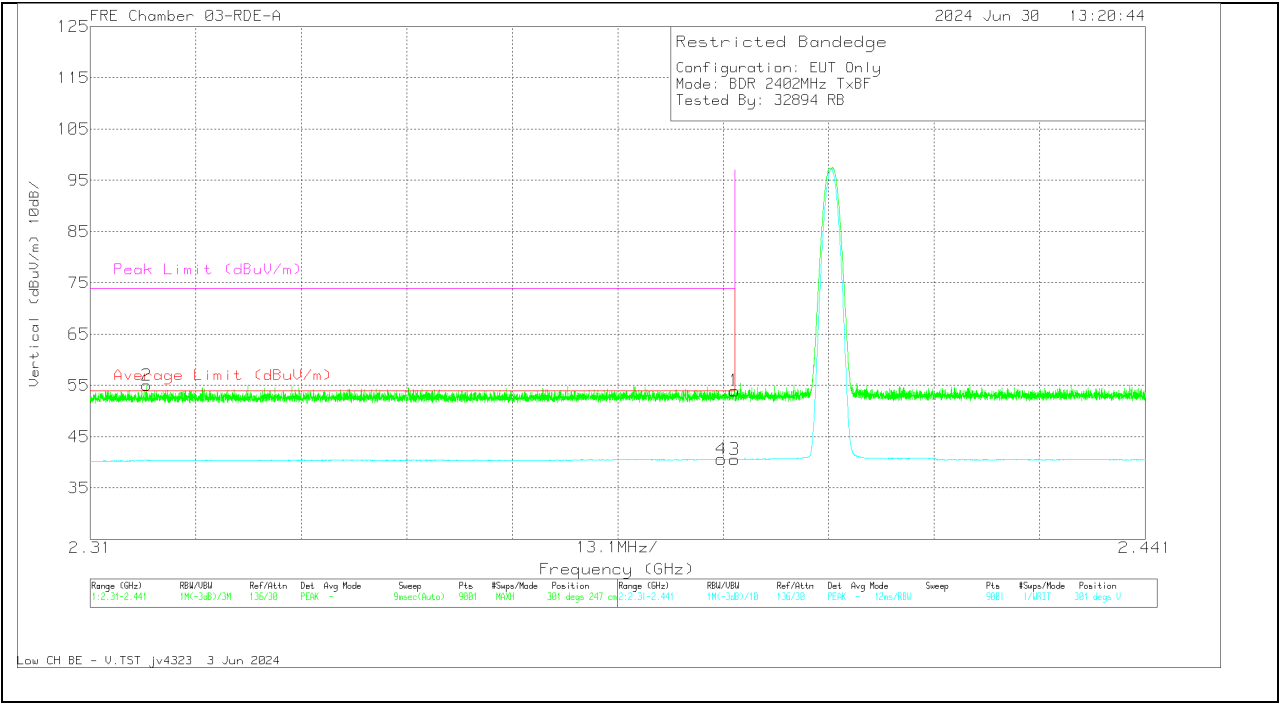
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.39	60.75	Pk	32.1	-40.07	52.78	-	-	74	-21.22	13	150	H
2	* 2.364367	63.71	Pk	32	-40.15	55.56	-	-	74	-18.44	13	150	H
3	* 2.39	48.66	VA1T	32.1	-40.07	40.69	54	-13.31	-	-	13	149	H
4	* 2.389403	48.72	VA1T	32.1	-40.06	40.76	54	-13.24	-	-	13	149	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT

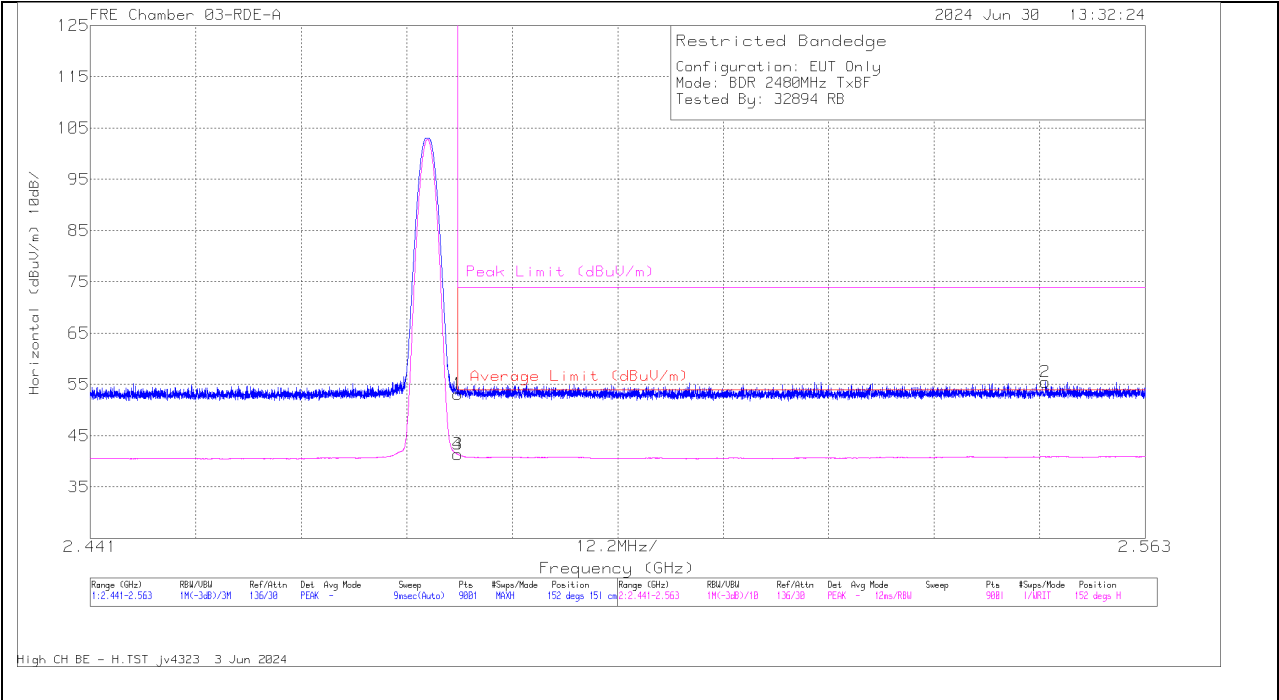


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.39	61.95	Pk	32.1	-40.07	53.98	-	-	74	-20.02	301	247	V
2	* 2.316987	63.33	Pk	31.9	-40.2	55.03	-	-	74	-18.97	301	247	V
3	* 2.39	48.53	VA1T	32.1	-40.07	40.56	54	-13.44	-	-	301	247	V
4	* 2.38837	48.57	VA1T	32.1	-40.05	40.62	54	-13.38	-	-	301	247	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)

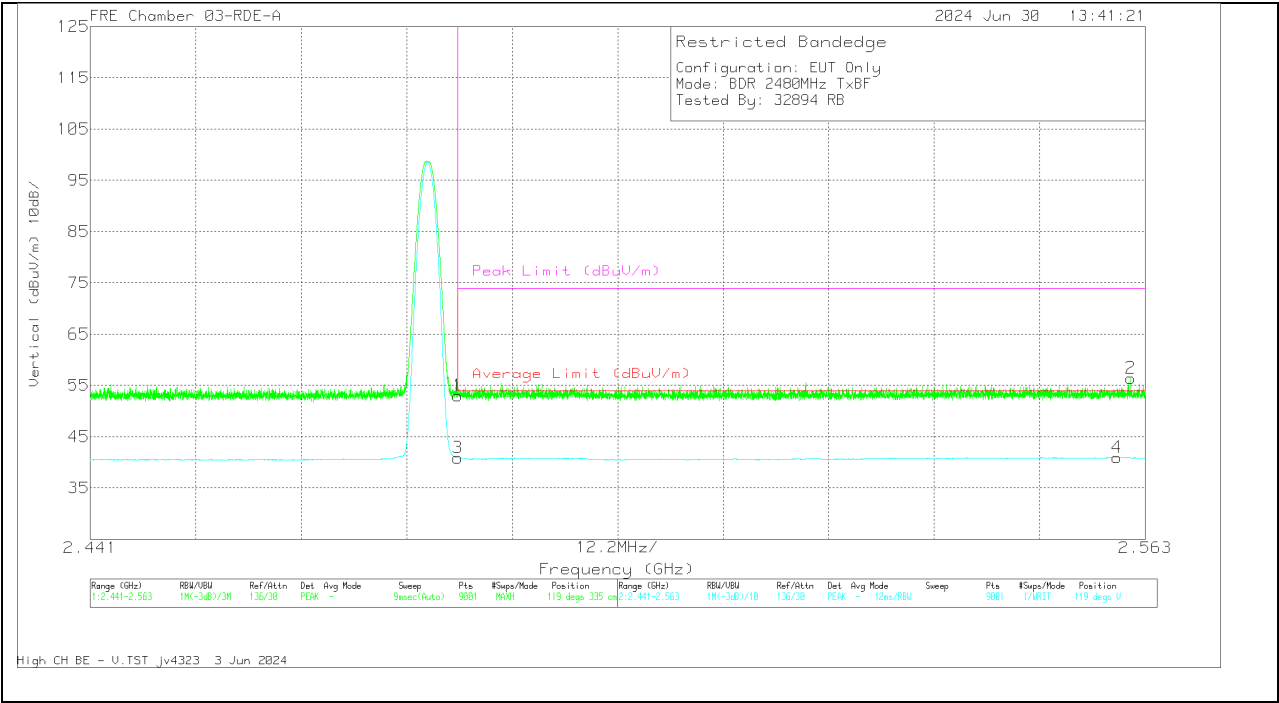
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (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	60.73	Pk	32.2	-39.84	53.09	-	-	74	-20.91	152	151	H
3	* 2.4835	49.01	VA1T	32.2	-39.84	41.37	54	-12.63	-	-	152	151	H
4	* 2.483512	49	VA1T	32.2	-39.83	41.37	54	-12.63	-	-	152	151	H
2	2.551454	62.88	Pk	32.2	-39.6	55.48	-	-	74	-18.52	152	151	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (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	60.63	Pk	32.2	-39.84	52.99	-	-	74	-21.01	119	335	V
3	* 2.4835	48.52	VA1T	32.2	-39.84	40.88	54	-13.12	-	-	119	334	V
4	2.55971	48.32	VA1T	32.2	-39.58	40.94	54	-13.06	-	-	119	334	V
2	2.561323	63.79	Pk	32.2	-39.58	56.41	-	-	74	-17.59	119	335	V

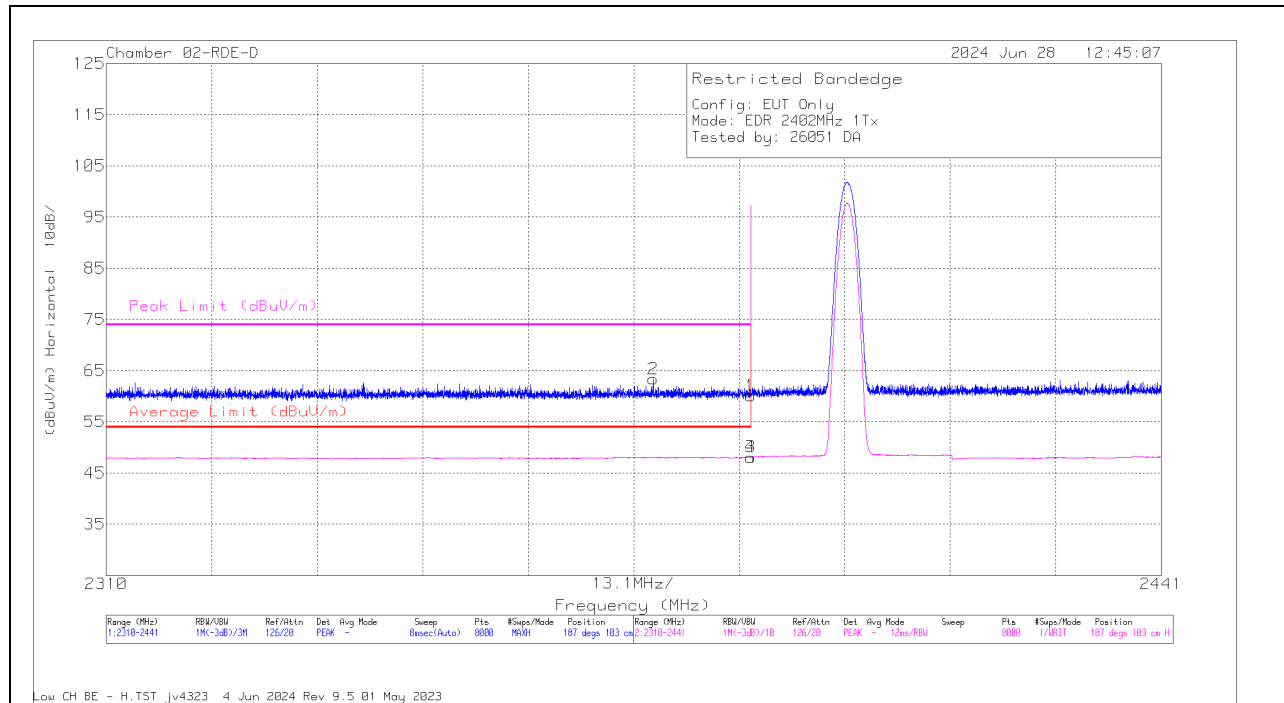
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.7. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



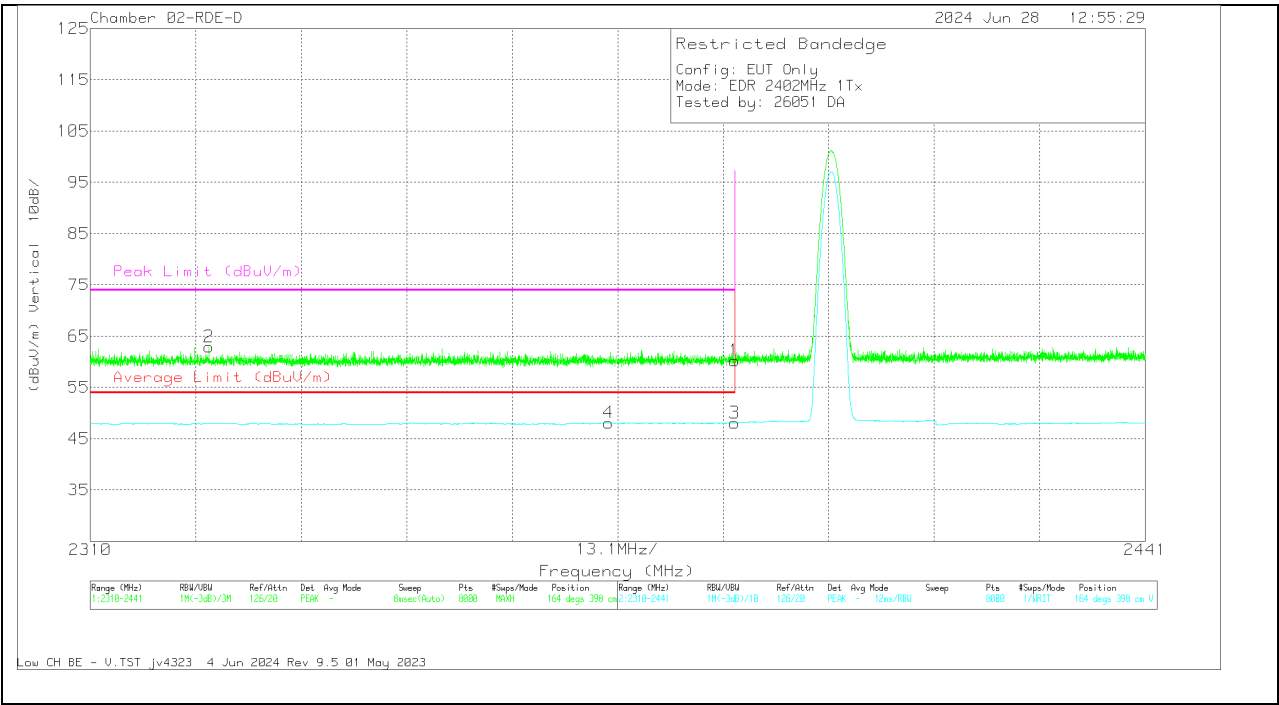
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.47	Pk	32.2	-19.6	60.07	-	-	74	-13.93	187	103	H
2	* 2377.915	50.86	Pk	32.2	-19.7	63.36	-	-	74	-10.64	187	103	H
3	* 2390	35.5	VA1T	32.2	-19.6	48.1	54	-5.9	-	-	187	103	H
4	* 2389.985	35.5	VA1T	32.2	-19.6	48.1	54	-5.9	-	-	187	103	H

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

Pk - Peak detector

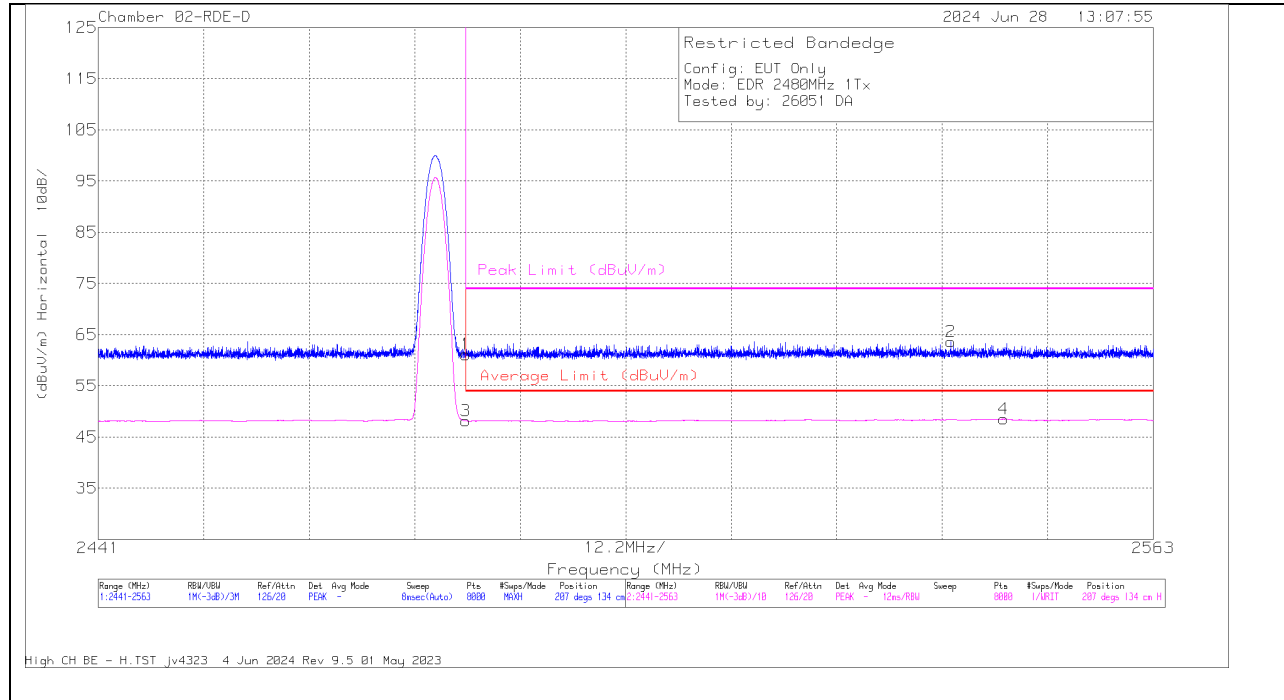
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.61	Pk	32.2	-19.6	60.21	-	-	74	-13.79	164	398	V
2	* 2324.739	50.6	Pk	32	-19.7	62.9	-	-	74	-11.1	164	398	V
3	* 2390	35.48	VA1T	32.2	-19.6	48.08	54	-5.92	-	-	164	398	V
4	* 2374.345	35.49	VA1T	32.2	-19.6	48.09	54	-5.91	-	-	164	398	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

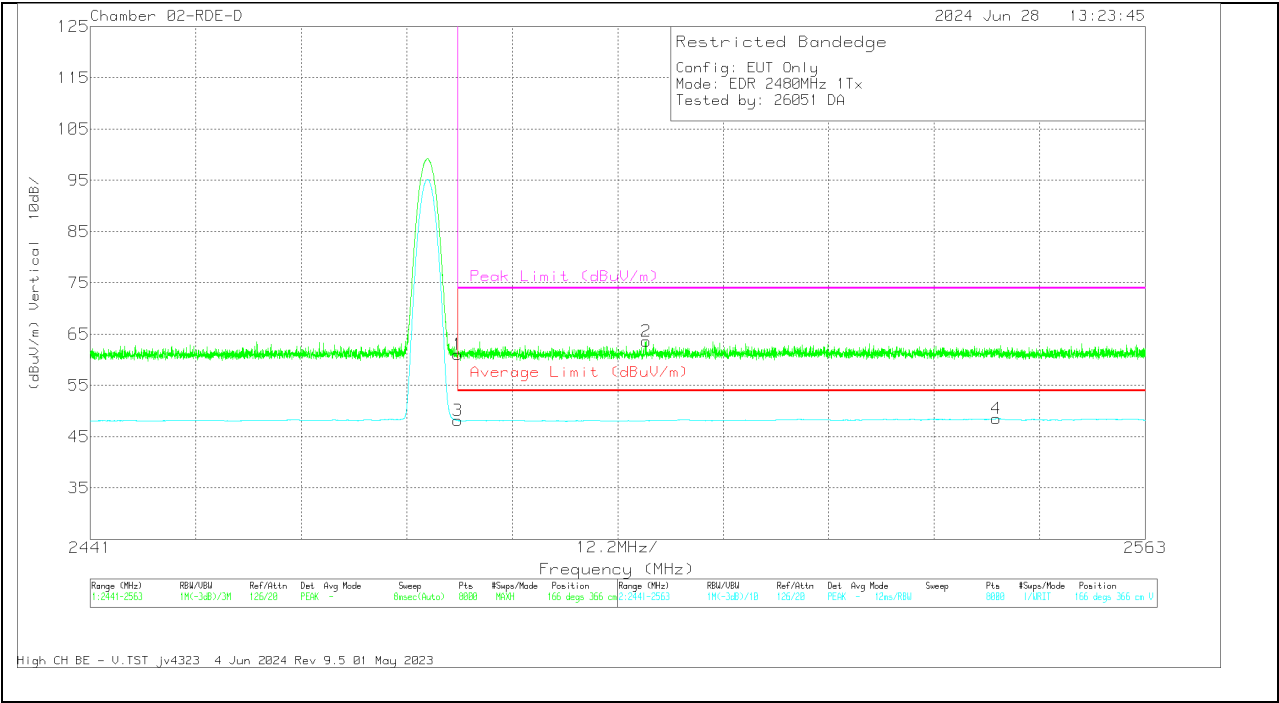
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.32	Pk	32.4	-19.6	61.12	-	-	74	-12.88	207	134	H
3	* 2483.5	35.35	VA1T	32.4	-19.6	48.15	54	-5.85	-	-	207	134	H
2	2539.604	50.5	Pk	32.4	-19.3	63.6	-	-	74	-10.4	207	134	H
4	2545.674	35.3	VA1T	32.4	-19.2	48.5	54	-5.5	-	-	207	134	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $VB=1/Ton$ where: Ton is transmit duration

VERTICAL RESULT



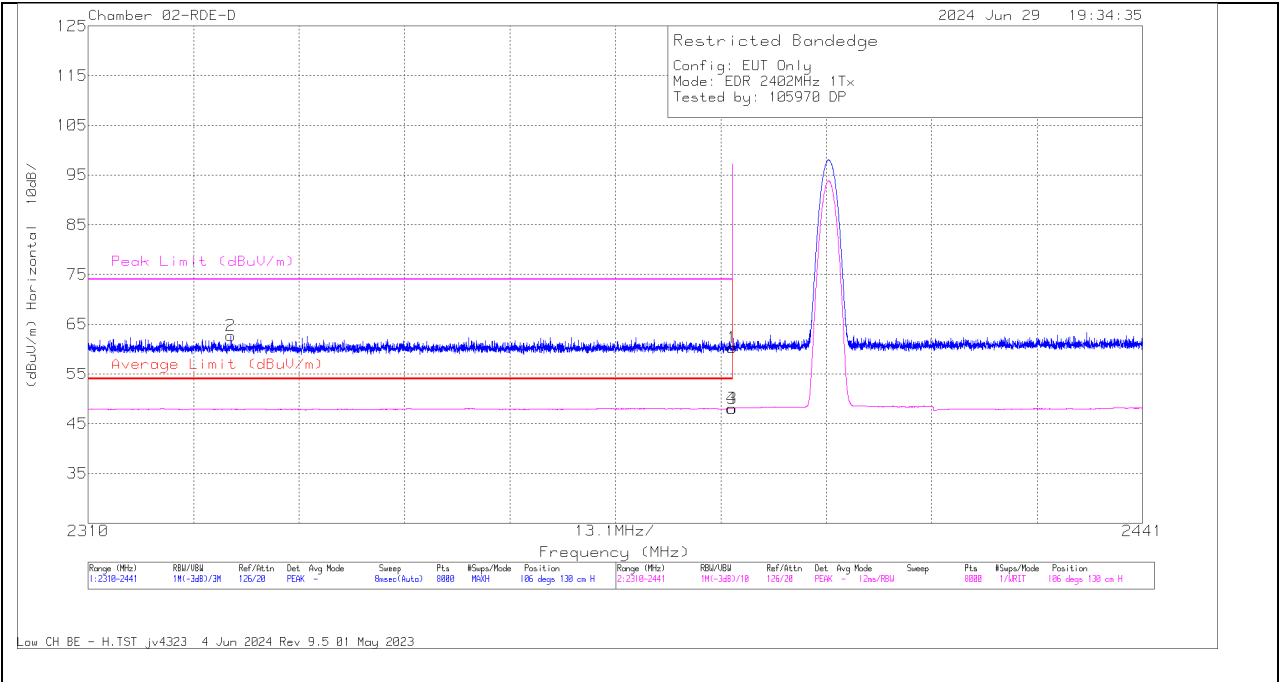
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.22	Pk	32.4	-19.6	61.02	-	-	74	-12.98	166	366	V
3	* 2483.5	35.34	VA1T	32.4	-19.6	48.14	54	-5.86	-	-	166	366	V
2	2505.272	50.7	Pk	32.4	-19.5	63.6	-	-	74	-10.4	166	366	V
4	2545.781	35.33	VA1T	32.4	-19.2	48.53	54	-5.47	-	-	166	366	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

ANT 3

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	47.66	Pk	32.2	-19.6	60.26	-	-	74	-13.74	106	130	H
2	* 2327.753	50.43	Pk	32	-19.7	62.73	-	-	74	-11.27	106	130	H
3	* 2390	35.51	VA1T	32.2	-19.6	48.11	54	-5.89	-	-	106	130	H
4	* 2389.969	35.51	VA1T	32.2	-19.6	48.11	54	-5.89	-	-	106	130	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

Chamber 02-RDE-D

2024 Jun 29 19:46:02

Restricted Bandedge

Config: EUT Only
Mode: EDR 2402MHz 1Tx
Tested by: 105970 DP

Vertical 10dB/

Peak Limit (dBu/m)

Average Limit (dBu/m)

Frequency (MHz)

13.1MHz/

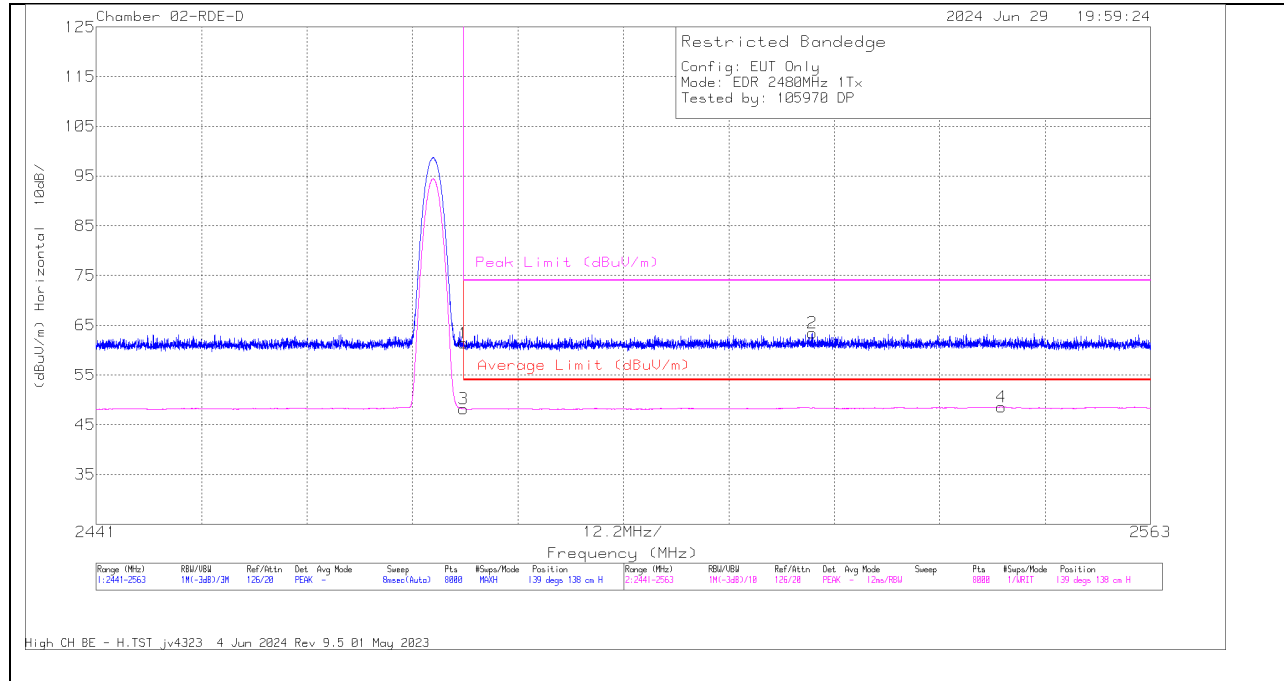
2310 2441

Range (MHz)	RBW/VBW	Ref/Att	Det. Avg Mode	Sweep	Pls	#Seps/Mode	Position	Range (MHz)	RBW/VBW	Ref/Att	Det. Avg Mode	Sweep	Pls	#Seps/Mode	Position
1-2310-2441	1M-3dB/3M	1dB/20	PEAK	-	8000	16381	F2 deg- 400 on U	1-2310-2441	1M-3dB/1B	1dB/20	FSK	Low/RSU	8000	1-16381	F2 deg- 400 on U

Low CH BE - V.TST_jv4323 4 Jun 2024 Rev 9.5 01 May 2023

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2390	48.01	Pk	32.2	-19.6	60.61	-	-	74	-13.39	73	400	V
2	* 2376.441	50.78	Pk	32.2	-19.7	63.28	-	-	74	-10.72	73	400	V
3	* 2390	35.49	VA1T	32.2	-19.6	48.09	54	-5.91	-	-	73	400	V
4	* 2373.985	35.52	VA1T	32.2	-19.6	48.12	54	-5.88	-	-	73	400	V

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

BANEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

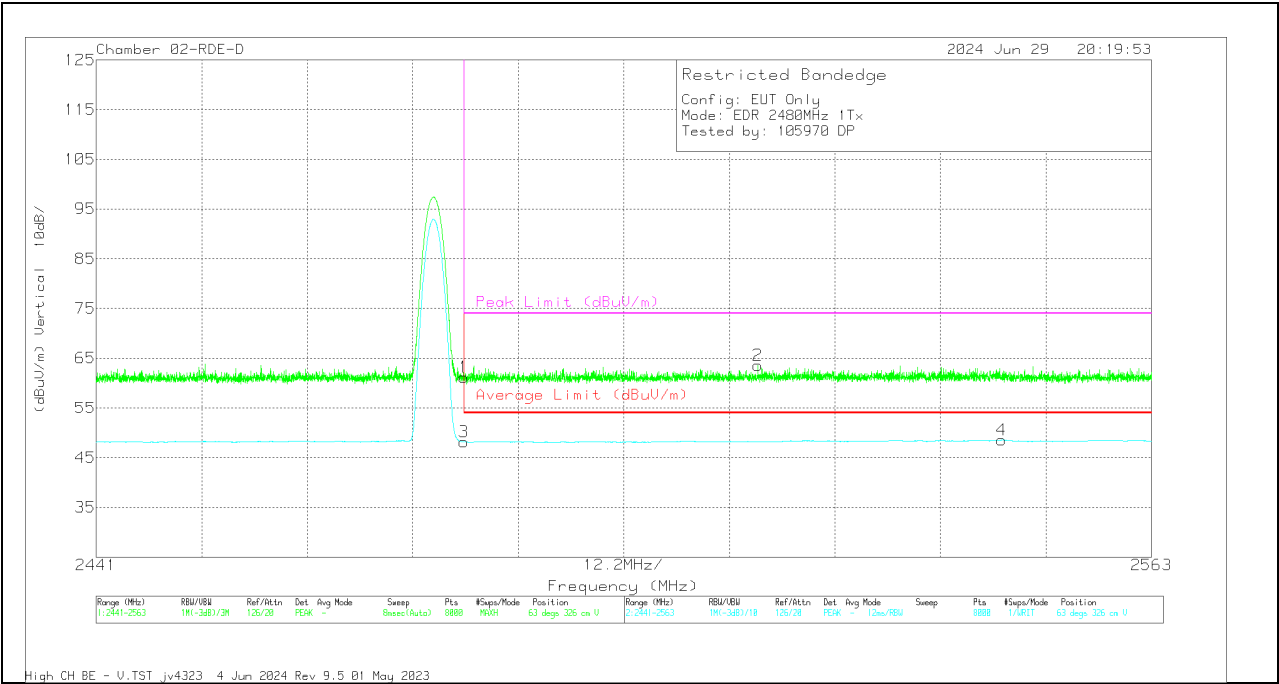
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.58	Pk	32.4	-19.6	61.38	-	-	74	-12.62	139	138	H
3	* 2483.5	35.4	VA1T	32.4	-19.6	48.2	54	-5.8	-	-	139	138	H
2	2523.895	50.35	Pk	32.4	-19.3	63.45	-	-	74	-10.55	139	138	H
4	2545.781	35.32	VA1T	32.4	-19.2	48.52	54	-5.48	-	-	139	138	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average $V_B = 1/T_{on}$ where: T_{on} is transmit duration

VERTICAL RESULT



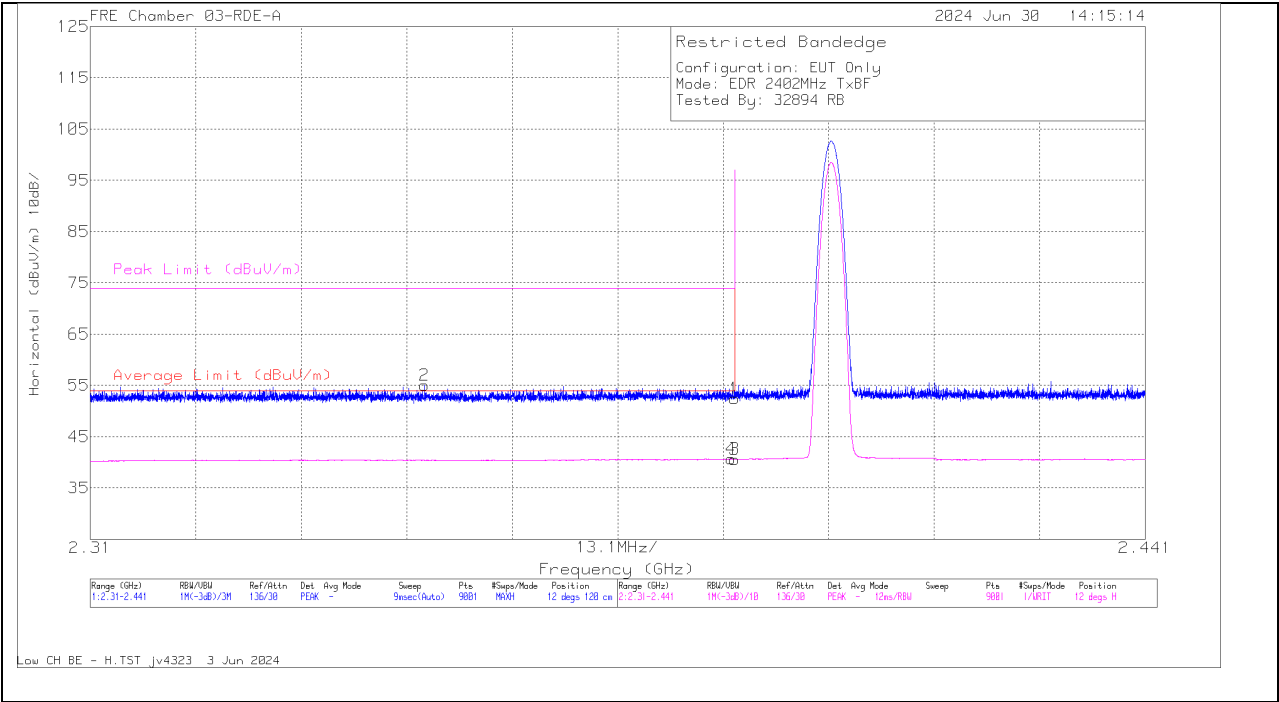
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	200896 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2483.5	48.33	Pk	32.4	-19.6	61.13	-	-	74	-12.87	63	326	V
3	* 2483.5	35.38	VA1T	32.4	-19.6	48.18	54	-5.82	-	-	63	326	V
2	2517.489	50.54	Pk	32.4	-19.4	63.54	-	-	74	-10.46	63	326	V
4	2545.69	35.36	VA1T	32.4	-19.2	48.56	54	-5.44	-	-	63	326	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.8. LOW POWER BASIC DATA RATE TXBF 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

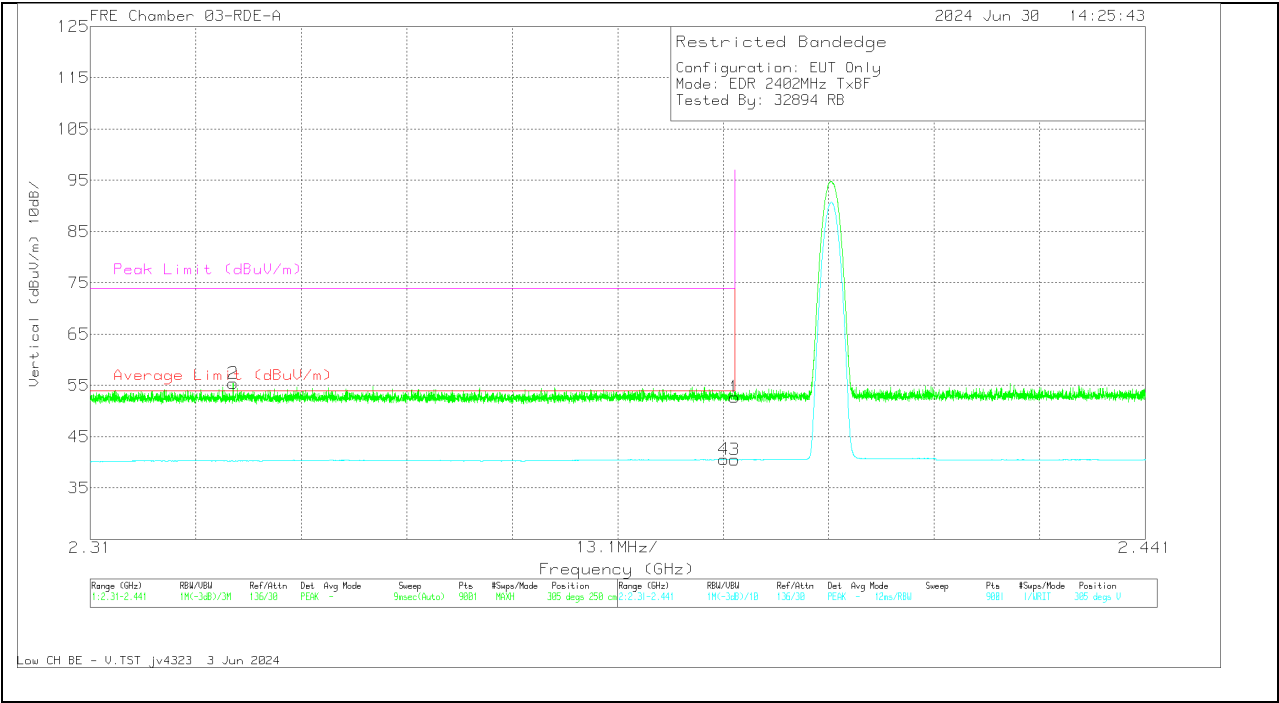
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (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	60.4	Pk	32.1	-40.07	52.43	-	-	74	-21.57	12	120	H
2	* 2.351499	63.16	Pk	32	-40.15	55.01	-	-	74	-18.99	12	120	H
3	* 2.39	48.57	VA1T	32.1	-40.07	40.6	54	-13.4	-	-	12	120	H
4	* 2.389578	48.61	VA1T	32.1	-40.06	40.65	54	-13.35	-	-	12	120	H

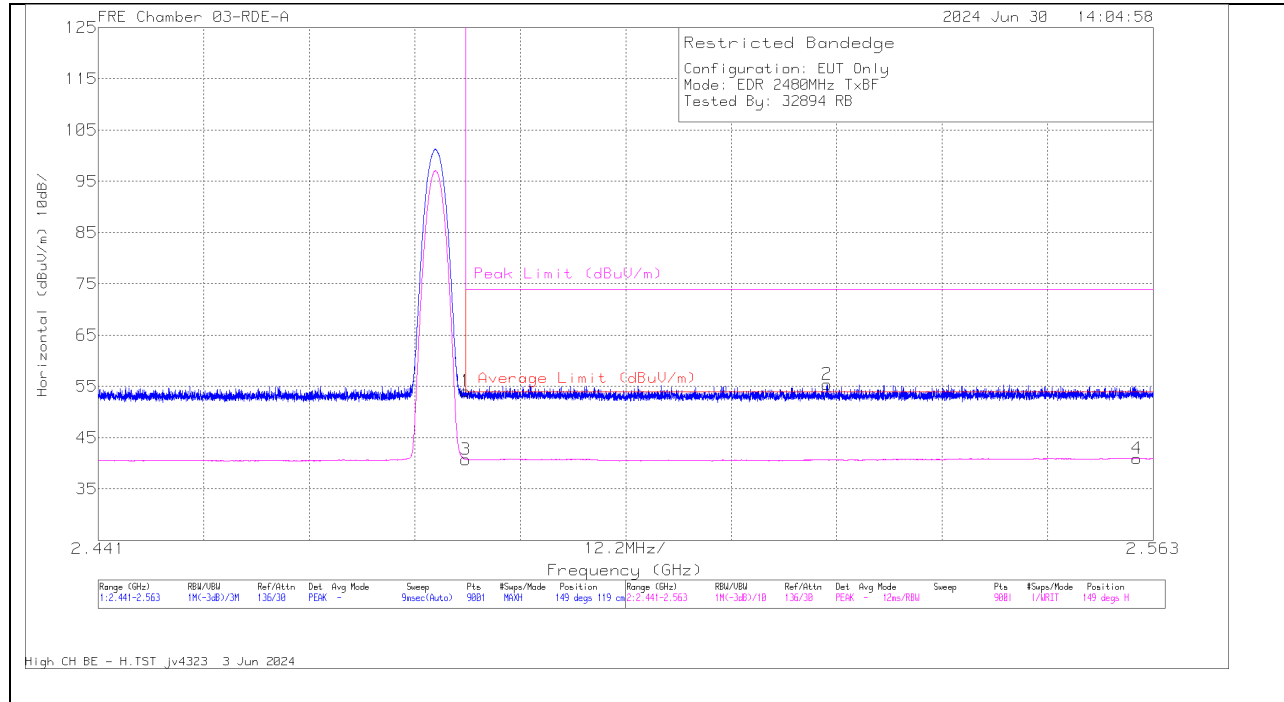
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (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	60.68	Pk	32.1	-40.07	52.71	-	-	74	-21.29	305	250	V
2	* 2.327744	63.71	Pk	31.9	-40.2	55.41	-	-	74	-18.59	305	250	V
3	* 2.39	48.49	VA1T	32.1	-40.07	40.52	54	-13.48	-	-	305	250	V
4	* 2.388675	48.53	VA1T	32.1	-40.05	40.58	54	-13.42	-	-	305	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

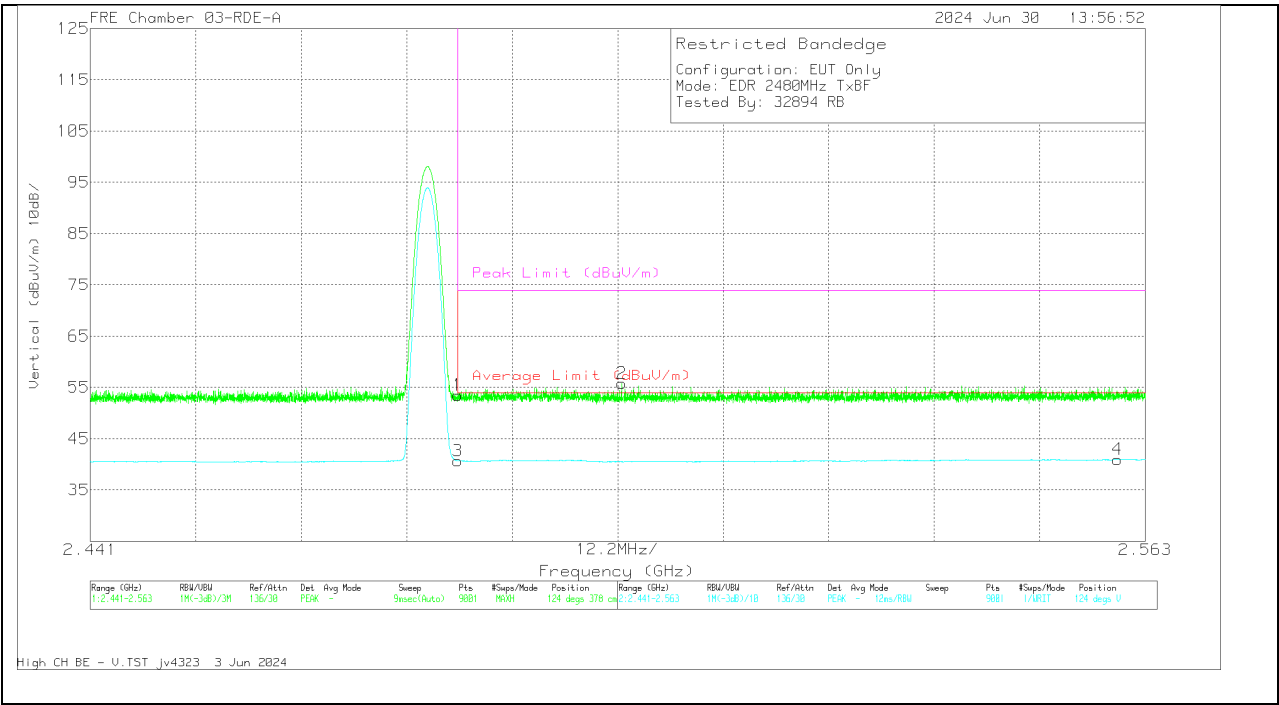
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.4835	61.75	Pk	32.2	-39.84	54.11	-	-	74	-19.89	149	119	H
3	* 2.4835	48.39	VA1T	32.2	-39.84	40.75	54	-13.25	-	-	149	119	H
2	2.525305	62.95	Pk	32.2	-39.71	55.44	-	-	74	-18.56	149	119	H
4	2.561106	48.33	VA1T	32.2	-39.57	40.96	54	-13.04	-	-	149	119	H

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

Pk - Peak detector

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

VERTICAL RESULT

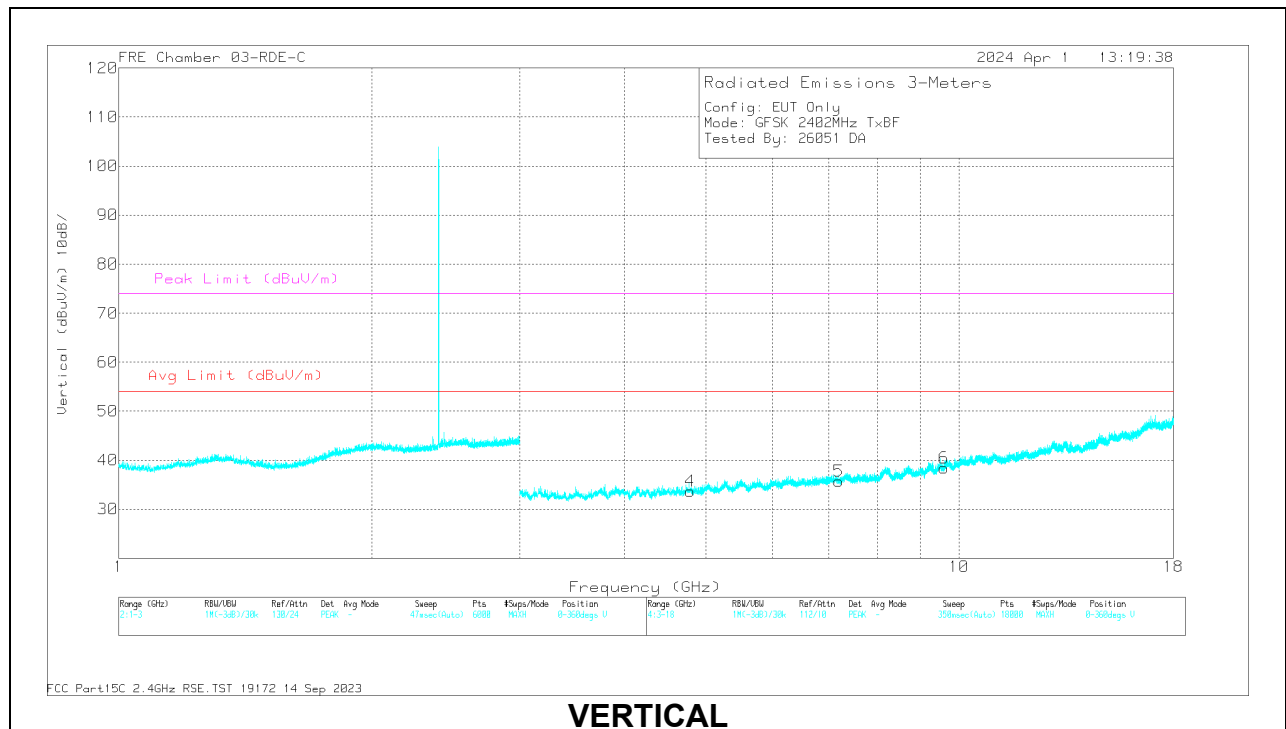
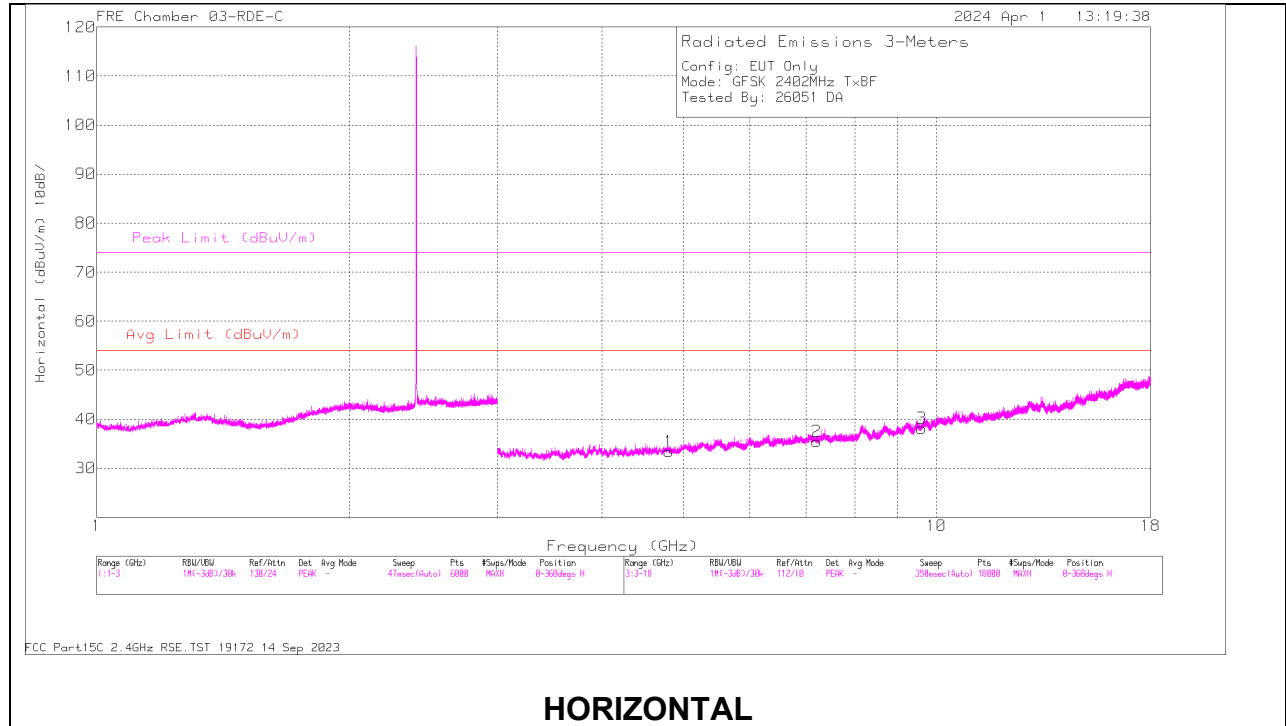


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	226673 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.4835	61.12	Pk	32.2	-39.84	53.48	-	-	74	-20.52	124	378	V
3	* 2.4835	48.31	VA1T	32.2	-39.84	40.67	54	-13.33	-	-	124	378	V
2	2.502449	63.36	Pk	32.2	-39.78	55.78	-	-	74	-18.22	124	378	V
4	2.559805	48.34	VA1T	32.2	-39.57	40.97	54	-13.03	-	-	124	378	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.9. WORST CASE TXBF HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

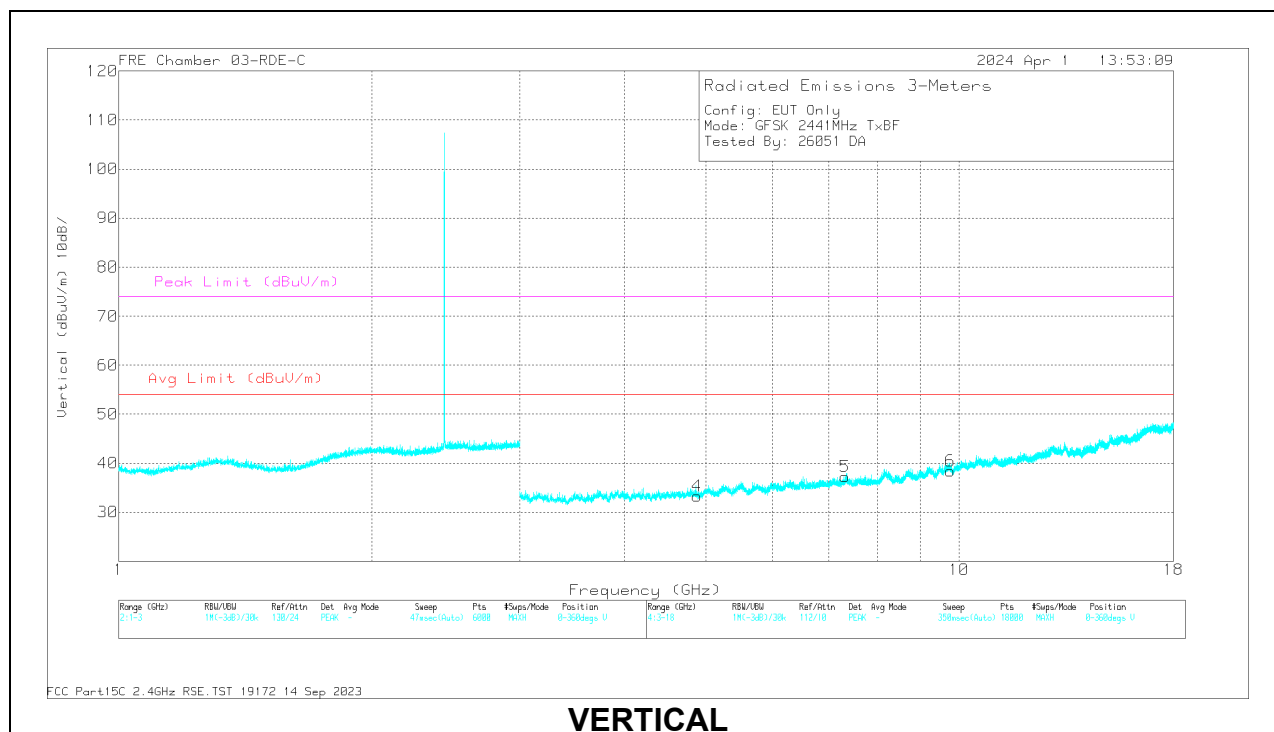
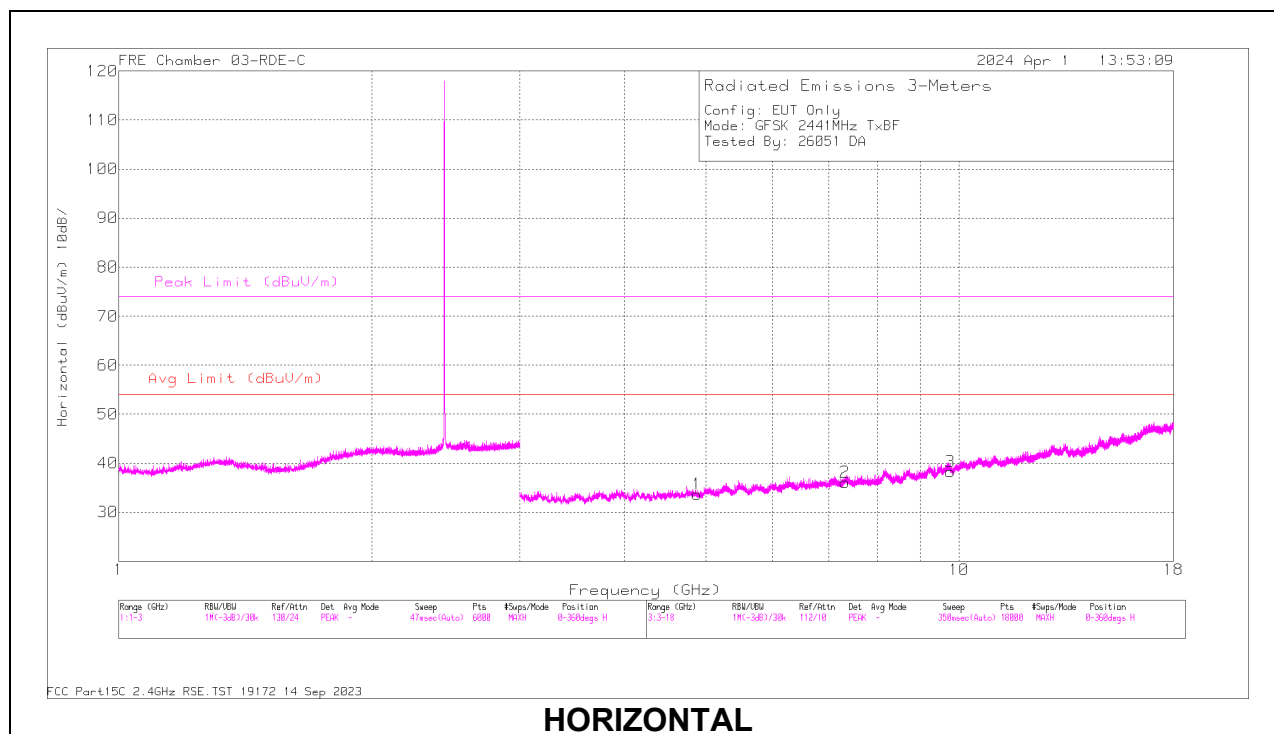
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m) 3m	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.803151	56.53	PKFH	33.7	-47.4	42.83	-	-	74	-31.17	0	101	H
1	* 4.804164	43.11	VA1T	33.7	-47.42	29.39	54	-24.61	-	-	0	101	H
4	* 4.804962	56.92	PKFH	33.7	-47.5	43.12	-	-	74	-30.88	0	200	V
4	* 4.802032	43.01	VA1T	33.7	-47.4	29.31	54	-24.69	-	-	0	200	V
5	7.205827	55.32	PKFH	35.7	-46.38	44.64	-	-	74	-29.36	0	200	V
5	7.205991	41.95	VA1T	35.7	-46.4	31.25	-	-	-	-	0	200	V
2	7.206594	56.67	PKFH	35.7	-46.4	45.97	-	-	74	-28.03	0	101	H
2	7.207352	41.96	VA1T	35.7	-46.4	31.26	-	-	-	-	0	101	H
3	9.606674	56.91	PKFH	36.7	-45.73	47.88	-	-	74	-26.12	0	101	H
3	9.60759	43.01	VA1T	36.7	-45.76	33.95	-	-	-	-	0	101	H
6	9.607668	42.97	VA1T	36.7	-45.77	33.9	-	-	-	-	0	101	V
6	9.608153	56.21	PKFH	36.7	-45.8	47.11	-	-	74	-26.89	0	101	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

MID CHANNEL RESULTS



RADIATED EMISSIONS

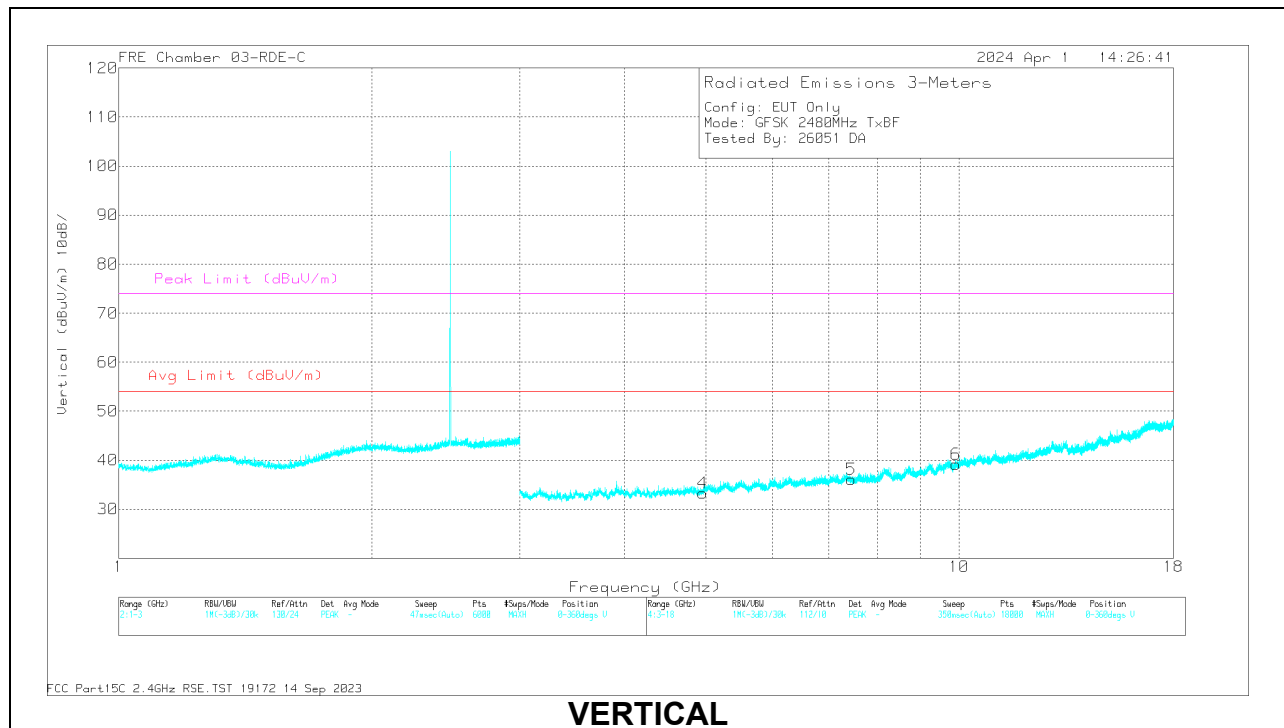
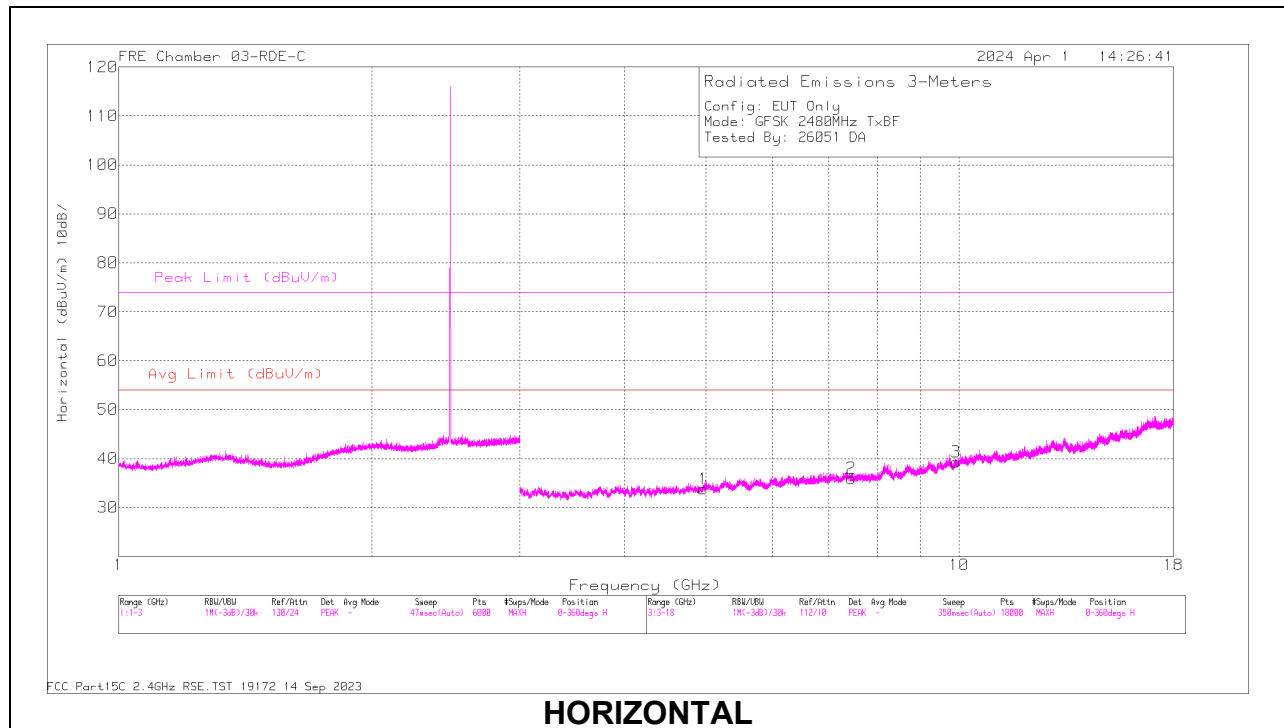
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m) 3m	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.880821	56.75	PKFH	33.7	-47.6	42.85	-	-	74	-31.15	0	200	H
1	* 4.8818	42.82	VA1T	33.7	-47.52	29	54	-25	-	-	0	200	H
2	* 7.321385	55.15	PKFH	35.7	-45.7	45.15	-	-	74	-28.85	0	101	H
2	* 7.323214	41.91	VA1T	35.7	-45.7	31.91	54	-22.09	-	-	0	101	H
4	* 4.883014	56.91	PKFH	33.7	-47.5	43.11	-	-	74	-30.89	0	101	V
4	* 4.882119	42.96	VA1T	33.7	-47.5	29.16	54	-24.84	-	-	0	101	V
5	* 7.322034	55.77	PKFH	35.7	-45.7	45.77	-	-	74	-28.23	0	101	V
5	* 7.322585	41.89	VA1T	35.7	-45.7	31.89	54	-22.11	-	-	0	101	V
3	9.762296	55.91	PKFH	36.9	-44.8	48.01	-	-	74	-25.99	0	200	H
3	9.762328	42.62	VA1T	36.9	-44.8	34.72	-	-	-	-	0	200	H
6	9.76264	42.64	VA1T	36.9	-44.8	34.74	-	-	-	-	0	200	V
6	9.764502	56.05	PKFH	36.9	-44.85	48.1	-	-	74	-25.9	0	200	V

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

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m) 3m	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.958376	56.88	PKFH	33.8	-47.5	43.18	-	-	74	-30.82	0	200	H
1	* 4.961455	42.99	VA1T	33.8	-47.45	29.34	54	-24.66	-	-	0	200	H
2	* 7.441964	56.52	PKFH	35.7	-46.3	45.92	-	-	74	-28.08	0	101	H
2	* 7.439214	41.92	VA1T	35.7	-46.18	31.44	54	-22.56	-	-	0	101	H
4	* 4.961692	56.37	PKFH	33.8	-47.43	42.74	-	-	74	-31.26	0	200	V
4	* 4.96156	42.94	VA1T	33.8	-47.44	29.3	54	-24.7	-	-	0	200	V
5	* 7.441988	55.79	PKFH	35.7	-46.3	45.19	-	-	74	-28.81	0	200	V
5	* 7.438719	42	VA1T	35.7	-46.23	31.47	54	-22.53	-	-	0	200	V
3	9.91857	42.6	VA1T	37.1	-45.24	34.46	-	-	-	-	0	101	H
6	9.918812	56.13	PKFH	37.1	-45.22	48.01	-	-	74	-25.99	0	200	V
6	9.919443	42.66	VA1T	37.1	-45.2	34.56	-	-	-	-	0	200	V
3	9.919565	57.28	PKFH	37.1	-45.2	49.18	-	-	74	-24.82	0	101	H

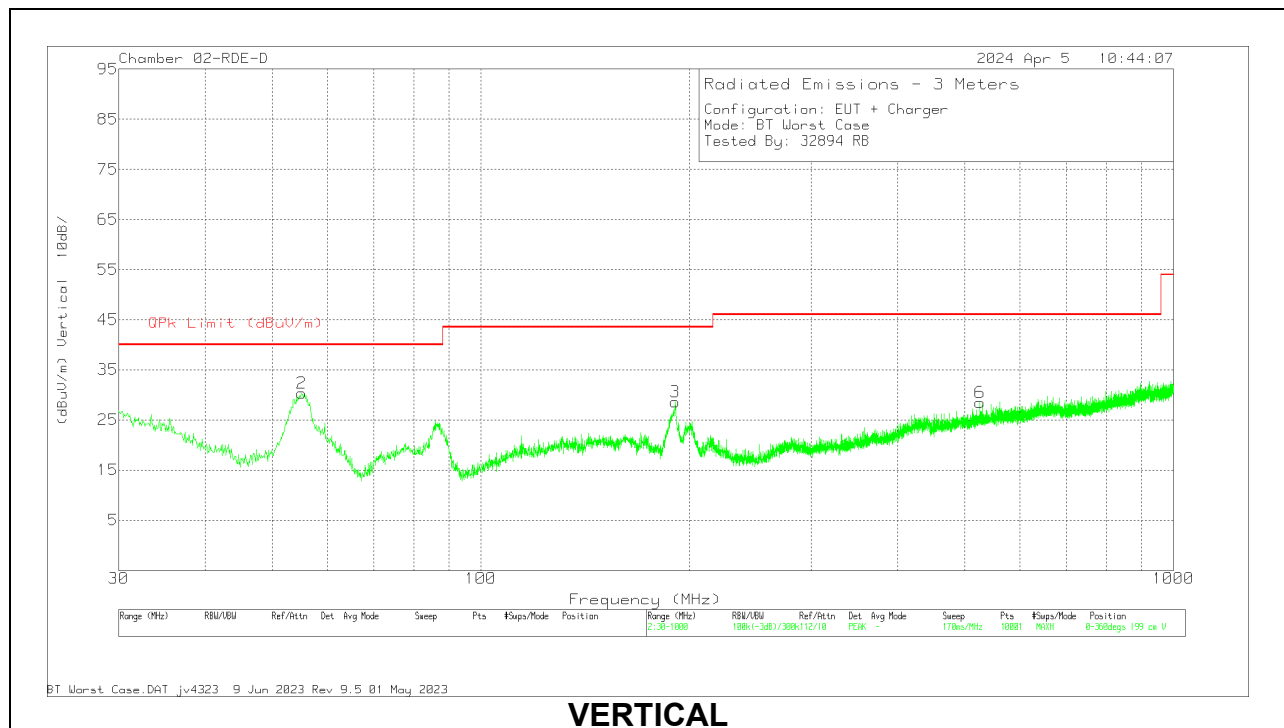
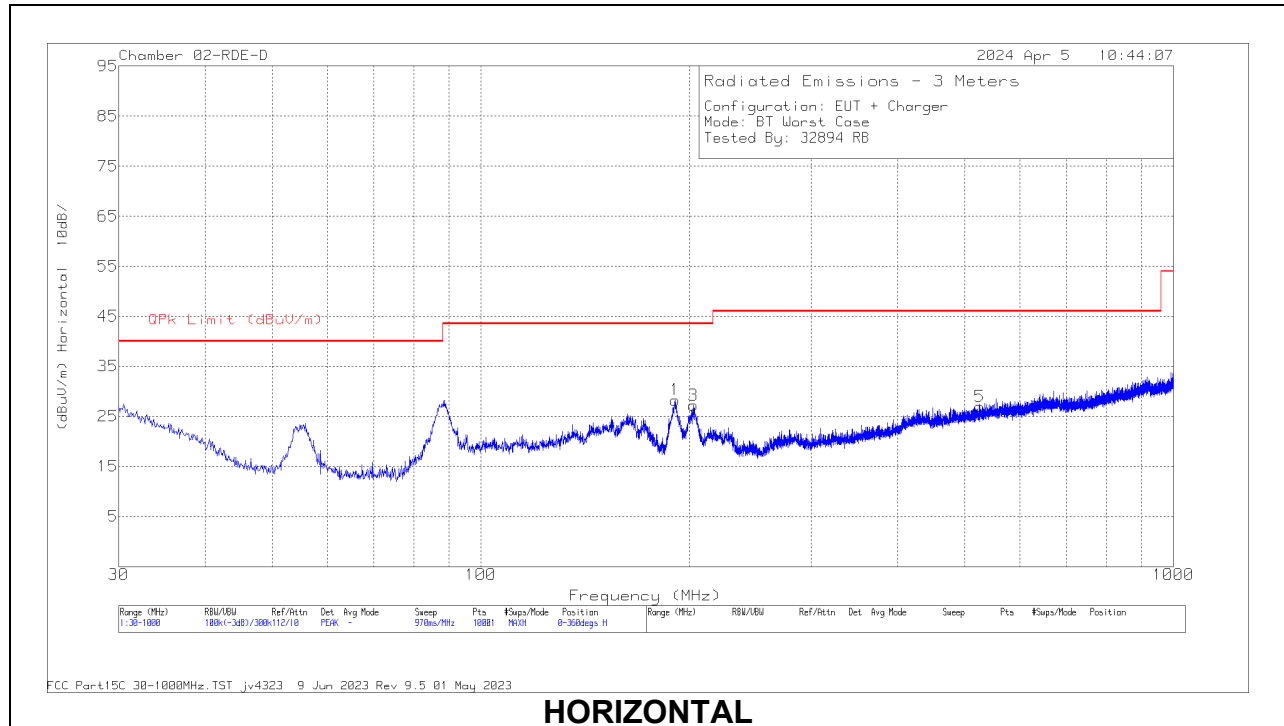
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.2. WORST CASE BELOW 1 GHZ

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



Below 1GHz Data

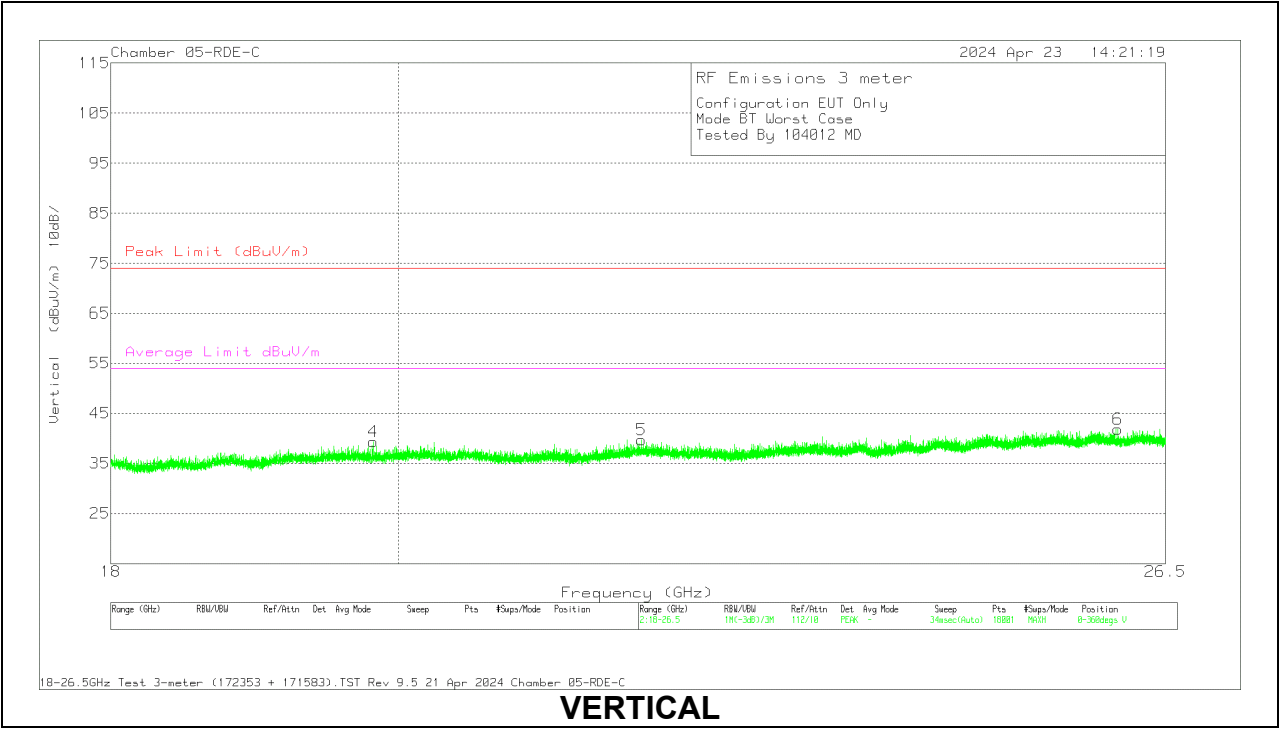
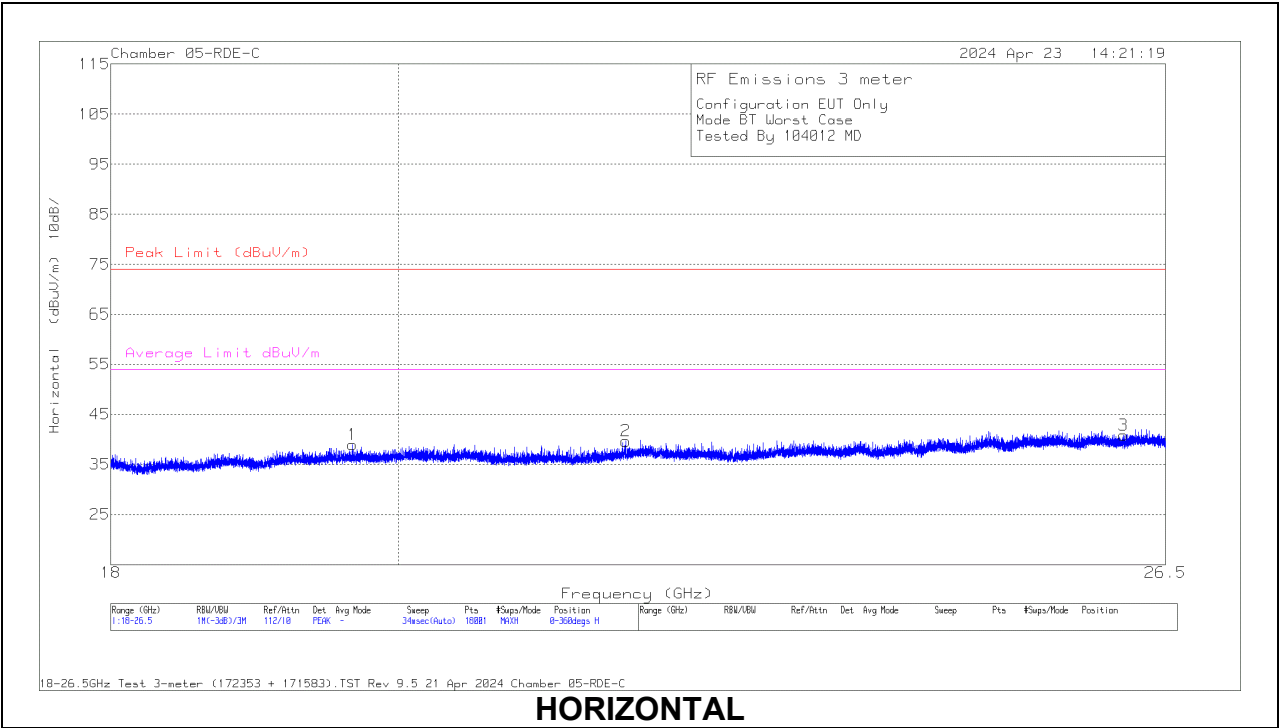
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	85151 ACF (dB/m)	Cbl(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	55.123	48.18	Pk	13.2	-31	30.38	40	-9.62	0-360	100	V
	55.123	43.86	Qp	13.2	-31.1	25.96	40	-14.04	227	105	V
1	88.685	45.24	Pk	13.7	-30.7	28.24	43.52	-15.28	0-360	199	H
3	190.729	40.95	Pk	17.3	-29.7	28.55	43.52	-14.97	0-360	100	V
4	190.826	40.59	Pk	17.3	-29.6	28.29	43.52	-15.23	0-360	199	H
5	524.894	31.3	Pk	23.7	-28	27	46.02	-19.02	0-360	299	H
6	525.767	32.53	Pk	23.7	-27.8	28.43	46.02	-17.59	0-360	199	V

Pk - Peak detector

Qp - Quasi-Peak detector

10.3. 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) - 3mH	171583 Amp Assembly (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	19.670249	58.4	Pk	33	-65.3	12.9	39	74	-35	54	-15.00	0-360	200	H
4	19.817582	58.48	Pk	32.9	-64.9	12.9	39.38	74	-34.62	54	-14.62	0-360	200	V
2	21.742832	57.46	Pk	33.6	-65	13.6	39.66	74	-34.34	54	-14.34	0-360	101	H
5	21.86797	57.37	Pk	33.7	-65.1	13.7	39.67	74	-34.33	54	-14.33	0-360	101	V
6	26.041468	55.27	Pk	34.8	-63.2	15	41.87	74	-32.13	54	-12.13	0-360	101	V
3	26.097191	54.13	Pk	34.8	-63.1	15	40.83	74	-33.17	54	-13.17	0-360	101	H

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

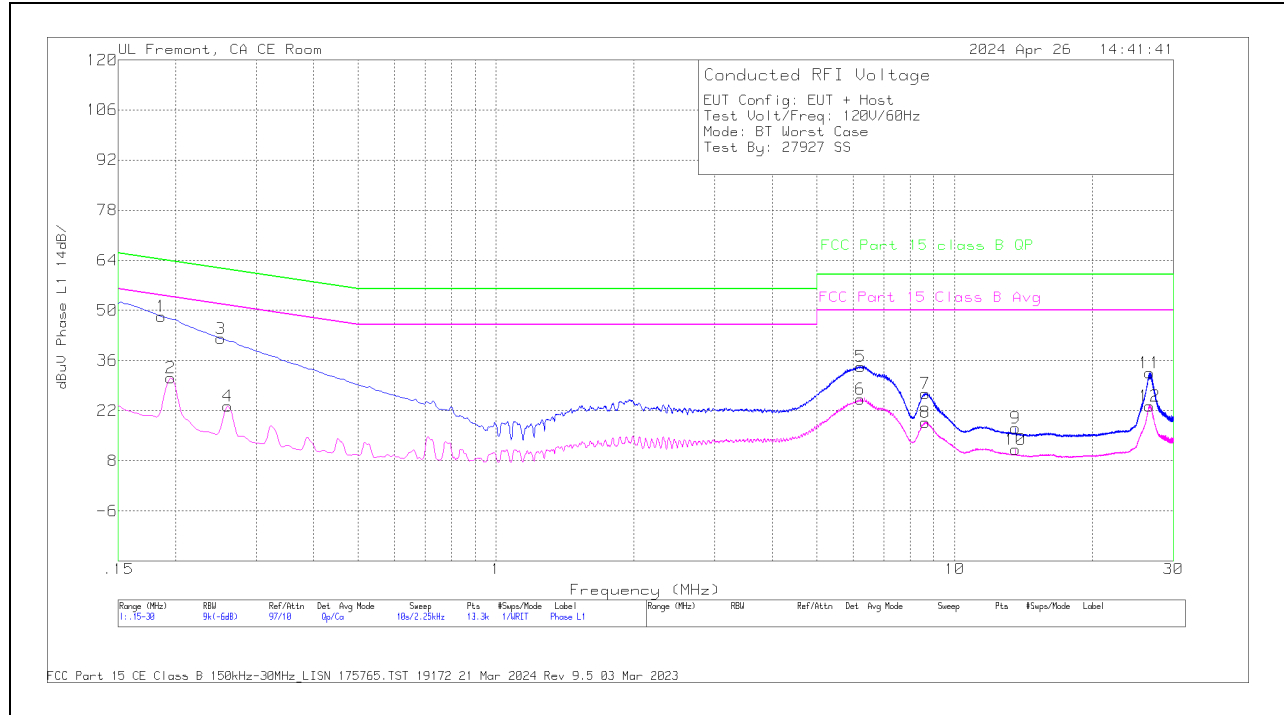
TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

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

RESULTS

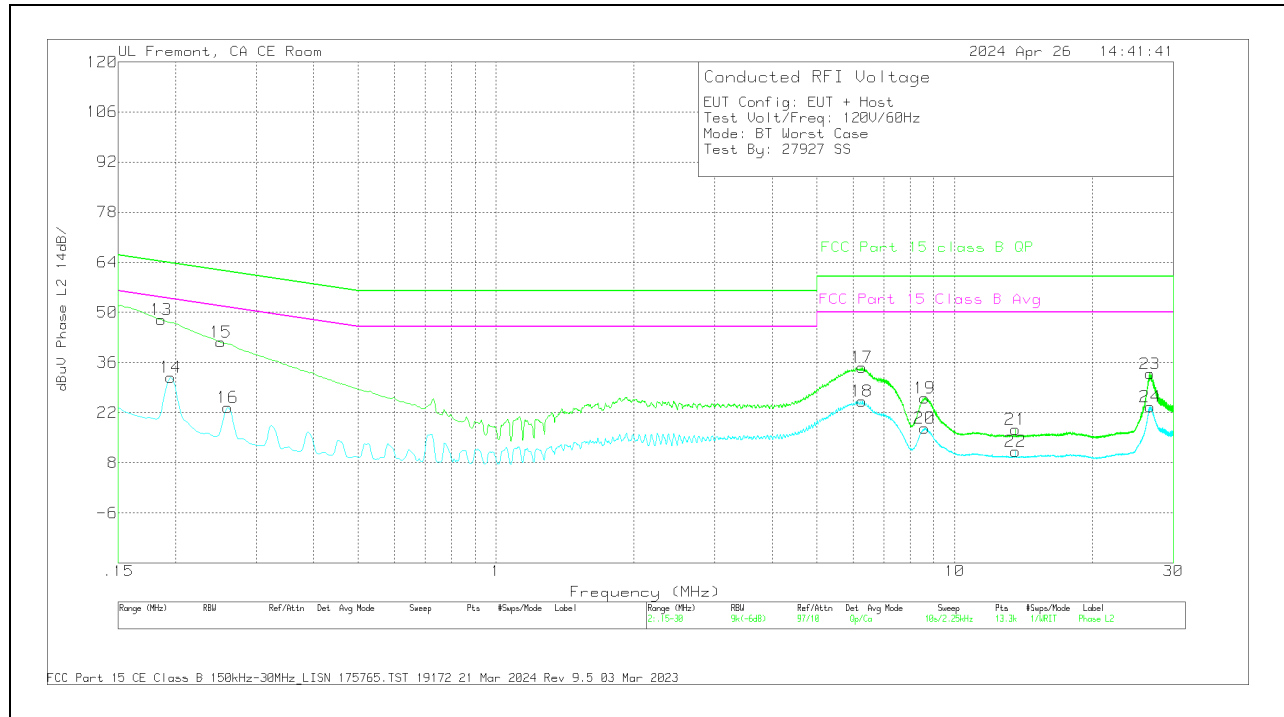
11.1.1. AC POWER LINE WITH LAPTOP**LINE 1 RESULTS**

Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	Tms Limiter (dB)	10 dB Pad	Corrected Reading dBuV	FCC Part 15 Class B Avg dBuV	Margin (dB)	FCC Part 15 class B QP dBuV	Margin (dB)
2	.195	11.62	Ca	.1	.1	9.4	10	31.22	53.82	-22.6	-	-
4	.2603	3.86	Ca	0	0	9.4	10	23.26	51.42	-28.16	-	-
6	6.2295	5.54	Ca	.2	0	9.4	10	25.14	50	-24.86	-	-
8	8.6359	-83	Ca	.2	0	9.4	10	18.77	50	-31.23	-	-
10	13.56	-8.8	Ca	.3	.1	9.5	10	11.1	50	-38.9	-	-
12	26.6145	3.39	Ca	.3	.2	9.4	10	23.29	50	-26.71	-	-
1	.186	28.75	Qp	.1	.1	9.4	10	48.35	-	-	64.21	-15.86
3	.2513	22.72	Qp	0	0	9.4	10	42.12	-	-	61.72	-19.6
5	6.2318	14.7	Qp	.2	0	9.4	10	34.3	-	-	60	-25.7
7	8.6348	7.17	Qp	.2	0	9.4	10	26.77	-	-	60	-33.23
9	13.56	-2.75	Qp	.3	.1	9.5	10	17.15	-	-	60	-42.85
11	26.6078	12.7	Qp	.3	.2	9.4	10	32.6	-	-	60	-27.4

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



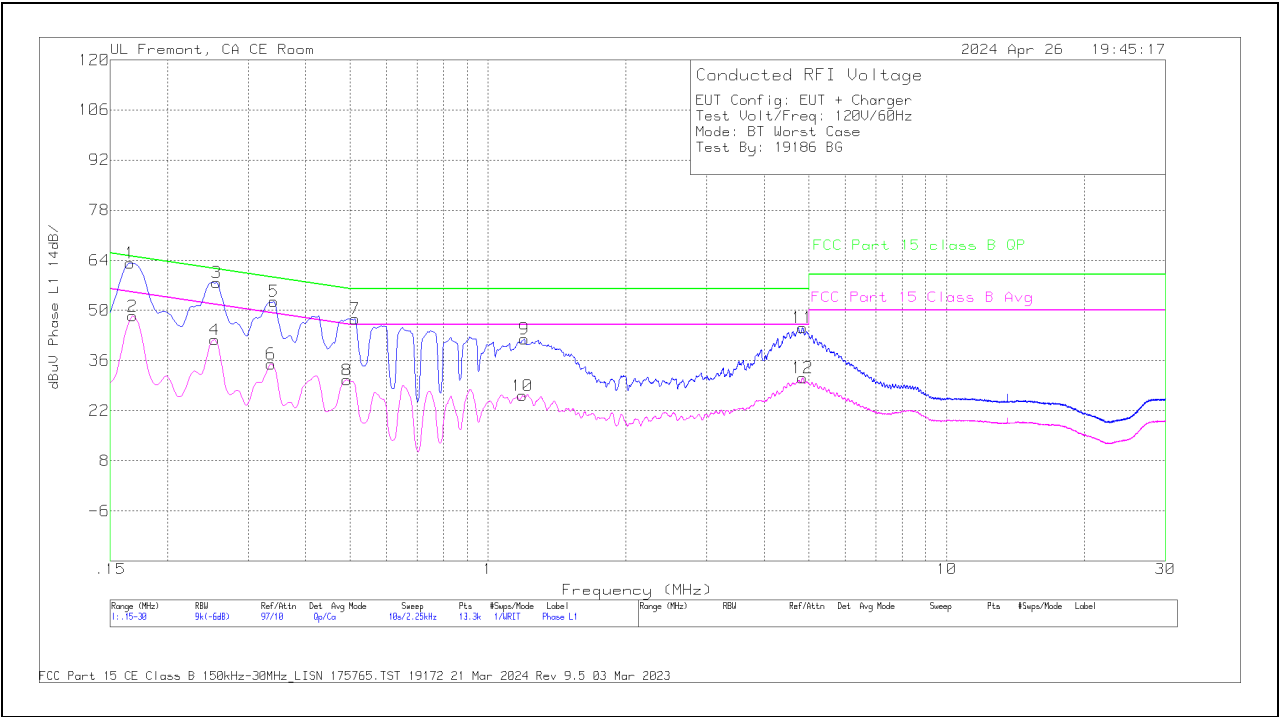
Range 2: Phase L2 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	Trms Limiter (dB)	10 dB Pad	Corrected Reading dBuV	FCC Part 15 Class B Avg dBuV	Margin (dB)	FCC Part 15 class B QP dBuV	Margin (dB)
14	.195	12.38	Ca	.1	0	9.4	10	31.88	53.82	-21.94	-	-
16	.2603	4.11	Ca	0	0	9.4	10	23.51	51.42	-27.91	-	-
18	6.2869	5.72	Ca	.2	0	9.3	10	25.22	50	-24.78	-	-
20	8.5943	-1.98	Ca	.2	0	9.4	10	17.62	50	-32.38	-	-
22	13.56	-8.67	Ca	.2	.1	9.5	10	11.13	50	-38.87	-	-
24	26.6798	3.68	Ca	.3	.2	9.4	10	23.58	50	-26.42	-	-
13	.186	28.44	Qp	.1	0	9.4	10	47.94	-	-	64.21	-16.27
15	.2513	22.35	Qp	0	0	9.4	10	41.75	-	-	61.72	-19.97
17	6.2869	15.12	Qp	.2	0	9.3	10	34.62	-	-	60	-25.38
19	8.5943	6.42	Qp	.2	0	9.4	10	26.02	-	-	60	-33.98
21	13.56	-2.46	Qp	.2	.1	9.5	10	17.34	-	-	60	-42.66
23	26.6573	12.93	Qp	.3	.2	9.4	10	32.83	-	-	60	-27.17

Qp - Quasi-Peak detector

Ca - CISPR average detection

11.1.2. AC POWER LINE WITH AC/DC ADAPTER

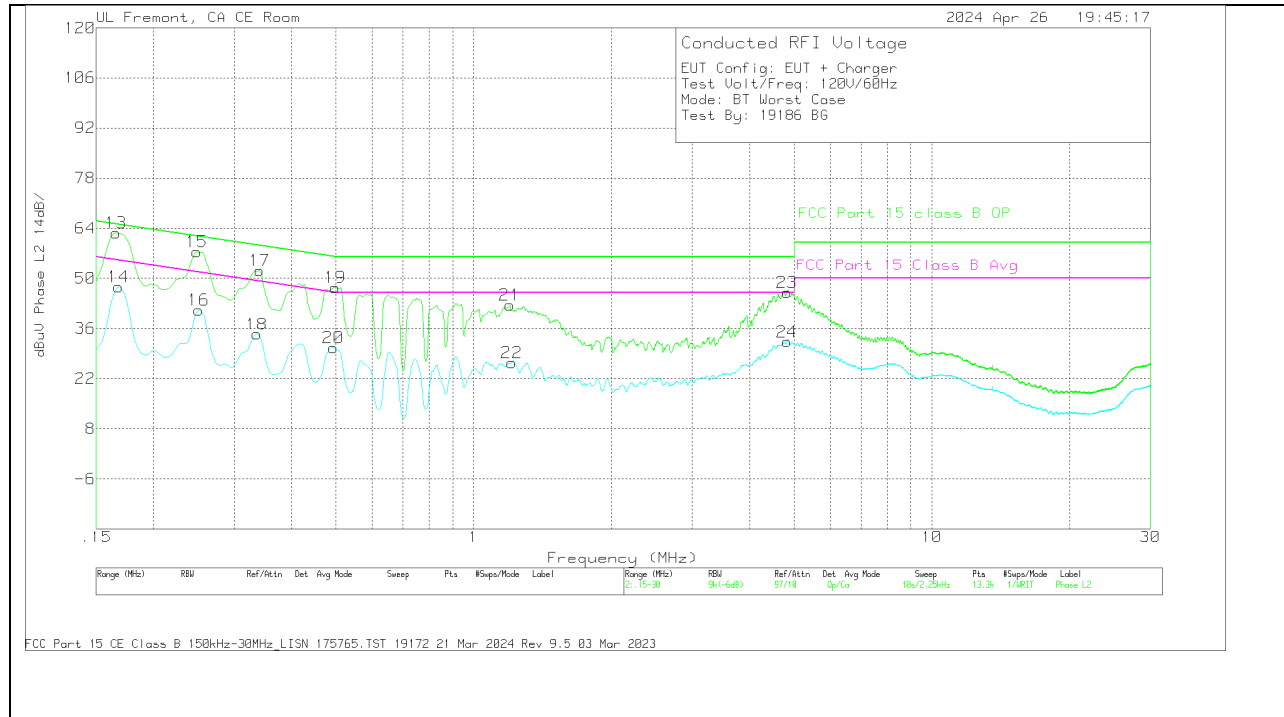
LINE 1 RESULTS



Range 1: Phase L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Cbl (dB)	LISN (dB)	Tms Limiter (dB)	10 dB Pad	Corrected Reading dBuV	FCC Part 15 Class B Avg dBuV	Margin (dB)	FCC Part 15 class B QP dBuV	Margin (dB)
2	.168	28.82	Ca	0	.1	9.5	10	48.42	55.06	-6.64	-	-
4	.2535	22.38	Ca	0	0	9.4	10	41.78	51.64	-9.86	-	-
6	.3368	15.62	Ca	0	0	9.4	10	35.02	49.28	-14.26	-	-
8	.492	11.25	Ca	0	0	9.3	10	30.55	46.13	-15.58	-	-
10	1.1895	6.67	Ca	.1	0	9.4	10	26.17	46	-19.83	-	-
12	4.8525	11.5	Ca	.2	0	9.4	10	31.1	46	-14.9	-	-
1	.1658	43.57	Qp	0	.1	9.5	10	63.17	-	-	65.17	-2
3	.2558	38.43	Qp	0	0	9.4	10	57.83	-	-	61.57	-3.74
5	.3413	33.08	Qp	0	0	9.4	10	52.48	-	-	59.17	-6.69
7	.5123	28.37	Qp	0	0	9.3	10	47.67	-	-	56	-8.33
9	1.2008	22.54	Qp	.1	0	9.4	10	42.04	-	-	56	-13.96
11	4.848	25.64	Qp	.2	0	9.4	10	45.24	-	-	56	-10.76

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)	Trns Limiter (dB)	10 dB Pad	Corrected Reading dBuV	FCC Part 15 Class B Avg dBuV	Margin (dB)	FCC Part 15 class B QP dBuV	Margin (dB)
14	.168	28.08	Ca	0	.1	9.5	10	47.68	55.06	-7.38	-	-
16	.2513	21.71	Ca	0	0	9.4	10	41.11	51.72	-10.61	-	-
18	.3368	14.91	Ca	.1	0	9.4	10	34.41	49.28	-14.87	-	-
20	.4943	11.35	Ca	0	0	9.3	10	30.65	46.1	-15.45	-	-
22	1.212	6.98	Ca	.1	0	9.4	10	26.48	46	-19.52	-	-
24	4.8278	12.7	Ca	.2	0	9.4	10	32.3	46	-13.7	-	-
13	.1658	43.11	Qp	0	.1	9.5	10	62.71	-	-	65.17	-2.46
15	.249	37.99	Qp	0	0	9.4	10	57.39	-	-	61.79	-4.4
17	.3413	32.74	Qp	.1	0	9.4	10	52.24	-	-	59.17	-6.93
19	.4988	28.21	Qp	0	0	9.3	10	47.51	-	-	56.02	-8.51
21	1.2008	23.1	Qp	.1	0	9.4	10	42.6	-	-	56	-13.4
23	4.8278	26.42	Qp	.2	0	9.4	10	46.02	-	-	56	-9.98

Qp - Quasi-Peak detector

Ca - CISPR average detection

12. SETUP PHOTOS

Please refer to 14982479-EP1V1 for setup photos

END OF TEST REPORT