

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.

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

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.

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

KDB 558074 D01 15.247 Meas Guidance v05r02

Use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the field strength limit (e.g., within a Government Restricted band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (i.e., not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector. Note that Section 15.35(c) specifies that the DCCF shall represent the worst-case (greatest duty cycle) over any 100 msec transmission period.

Results

High Power Beamforming GFSK mode is set to maximum power per chain to cover both SISO and MIMO modes to complies with radiated spurious emissions limits in the restricted bands between 1GHz and 18GHz low/mid/high channel (except the band edge).

Spurious emissions for frequencies below 1GHz and above 18GHz were limited to the middle channel as preliminary testing indicated that changing the operating frequency had no significant impact on the emissions in those frequency bands.

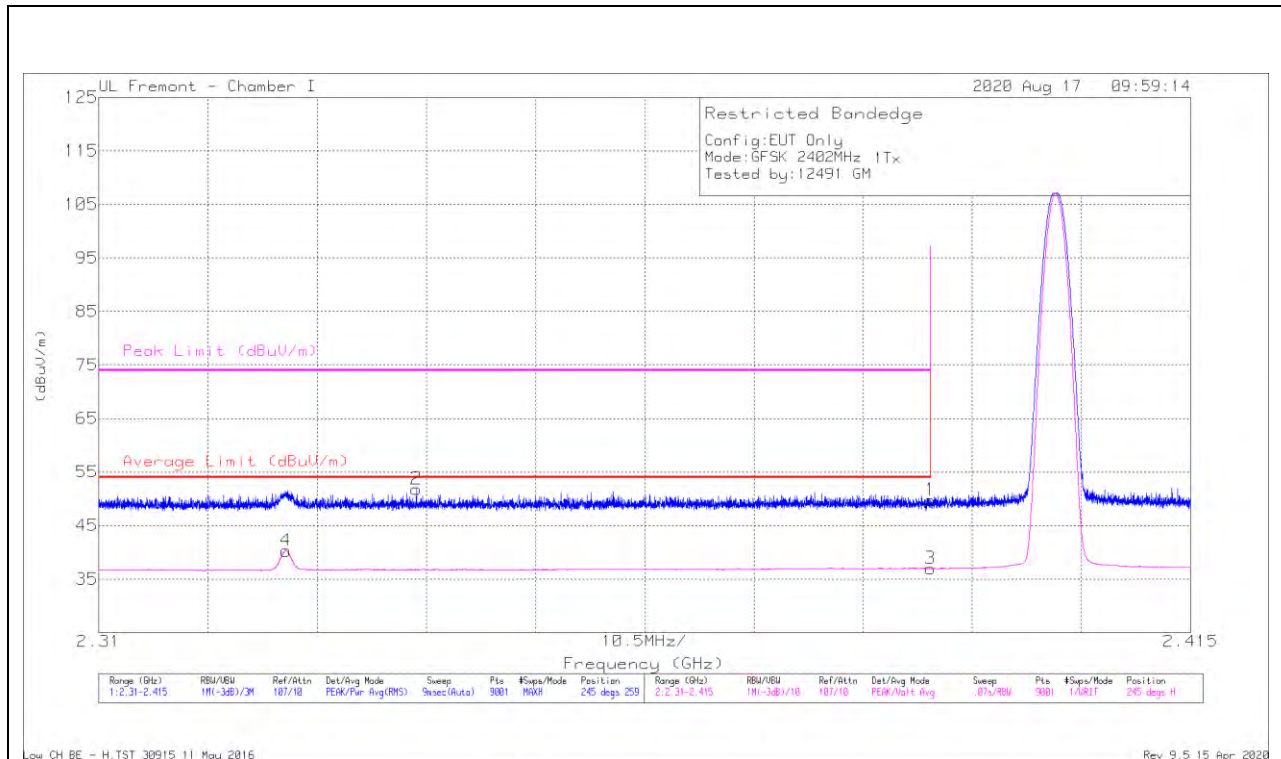
10.1. TRANSMITTER ABOVE 1 GHz

10.1.1. HIGH POWER BASIC DATA RATE GFSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



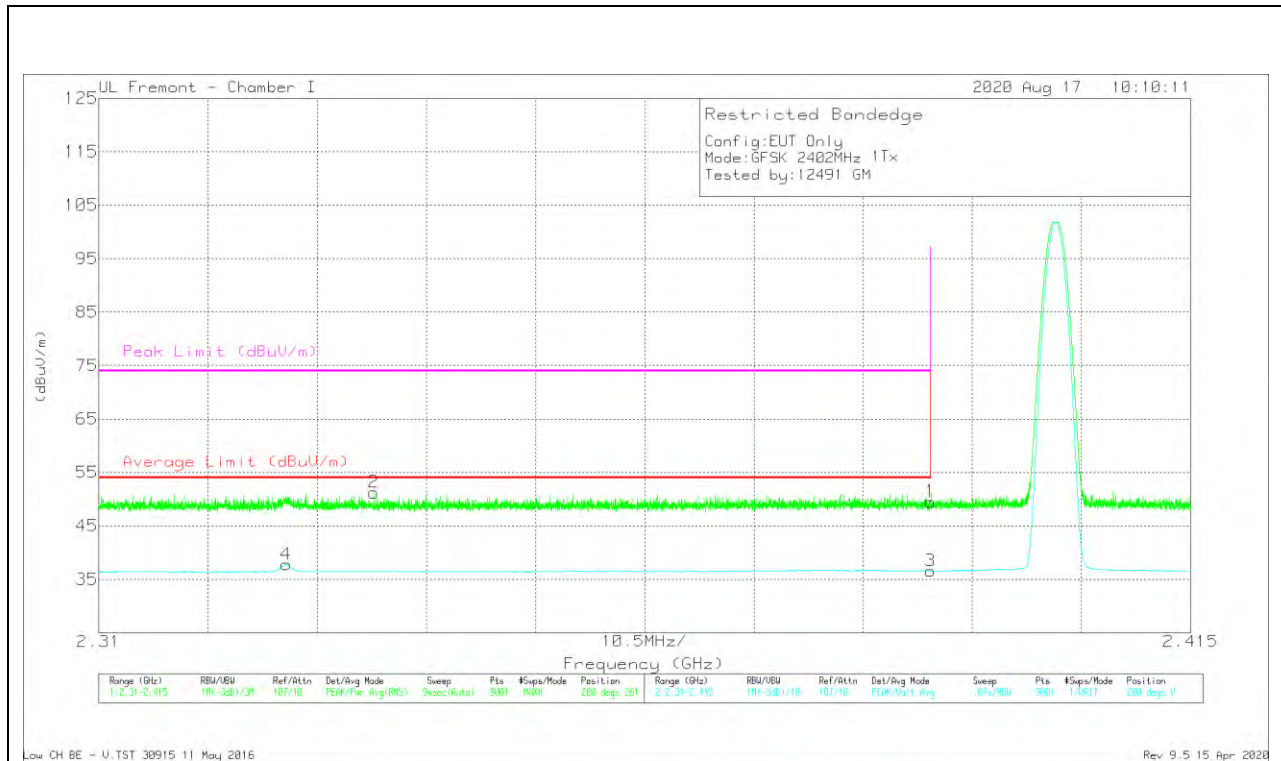
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	35.04	Pk	32	-17.3	49.74	-	-	74	-24.26	245	259	H
2	* 2.34054	37.22	Pk	31.8	-17.2	51.82	-	-	74	-22.18	245	259	H
3	* 2.38999	22.24	VA1T	32	-17.3	36.94	54	-17.06	-	-	245	259	H
4	* 2.32798	25.79	VA1T	31.7	-17.2	40.29	54	-13.71	-	-	245	259	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	AF T346 (dB/m)	Amp/Cbll/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.8	Pk	32	-17.3	49.5	-	-	74	-24.5	200	261	V
2	* 2.33643	36.65	Pk	31.8	-17.2	51.25	-	-	74	-22.75	200	261	V
3	* 2.38999	21.85	VA1T	32	-17.3	36.55	54	-17.45	-	-	200	261	V
4	* 2.32803	23.27	VA1T	31.7	-17.2	37.77	54	-16.23	-	-	200	261	V

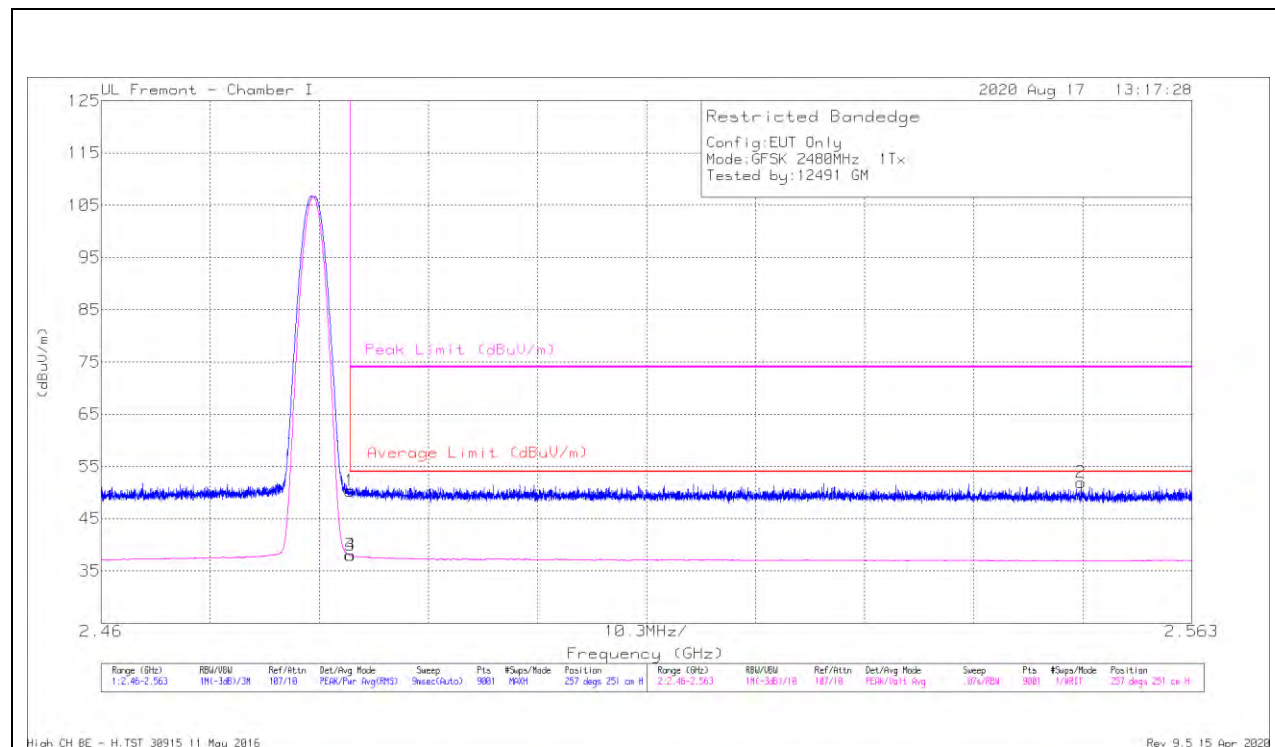
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



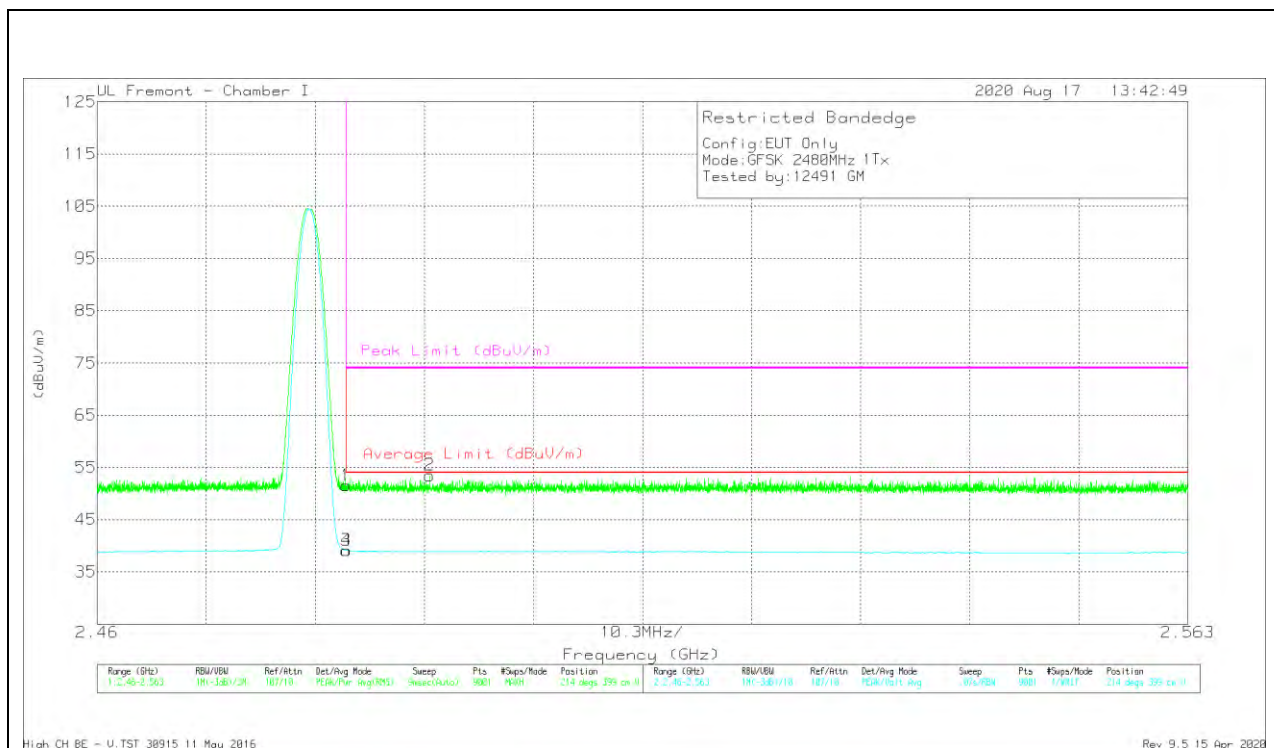
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.48351	35.55	Pk	32.4	-17.7	50.25	-	-	74	-23.75	257	251	H
2	2.55251	37.42	Pk	32.3	-17.8	51.92	-	-	74	-22.08	257	251	H
3	* 2.48351	23.29	VA1T	32.4	-17.7	37.99	54	-16.01	-	-	257	251	H
4	* 2.48353	23.28	VA1T	32.4	-17.7	37.98	54	-16.02	-	-	257	251	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	AF T346 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	36.83	Pk	32.4	-17.7	51.53	-	-	74	-22.47	214	399	V
2	* 2.49138	38.76	Pk	32.5	-17.8	53.46	-	-	74	-20.54	214	399	V
3	* 2.48351	24.42	VA1T	32.4	-17.7	39.12	54	-14.88	-	-	214	399	V
4	* 2.48354	24.44	VA1T	32.4	-17.7	39.14	54	-14.86	-	-	214	399	V

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

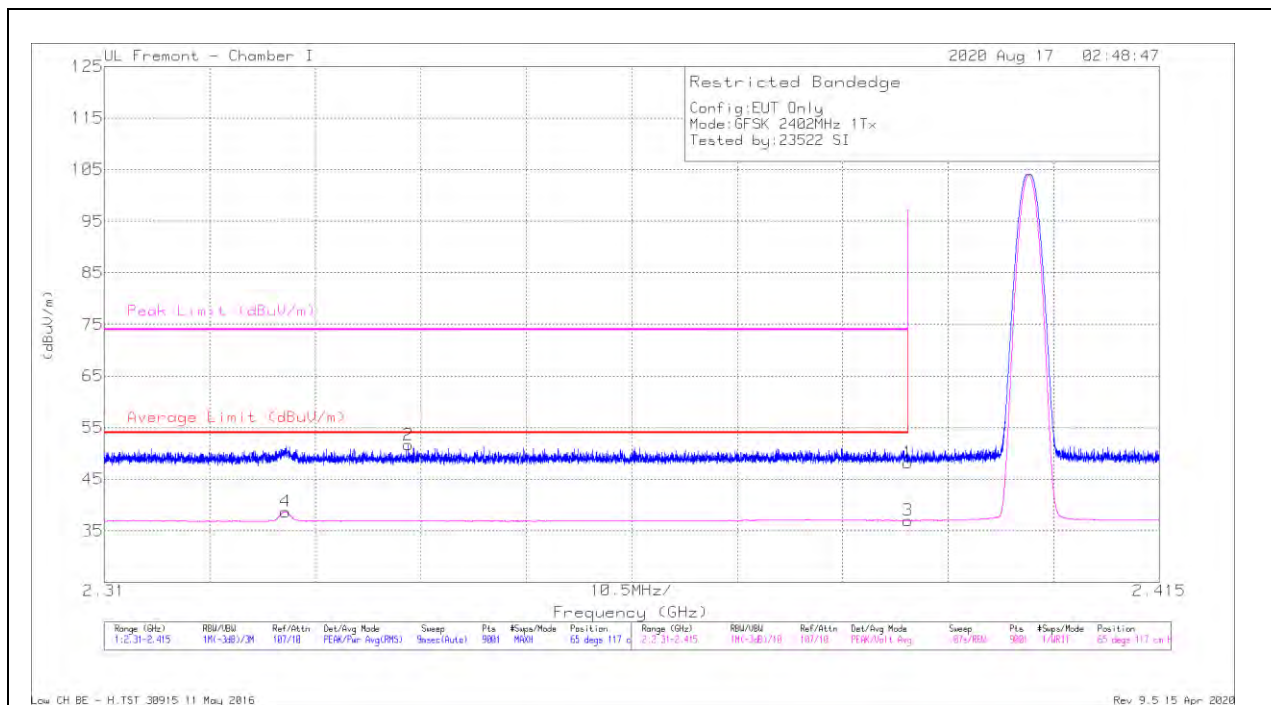
Pk - Peak detector

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

ANT 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



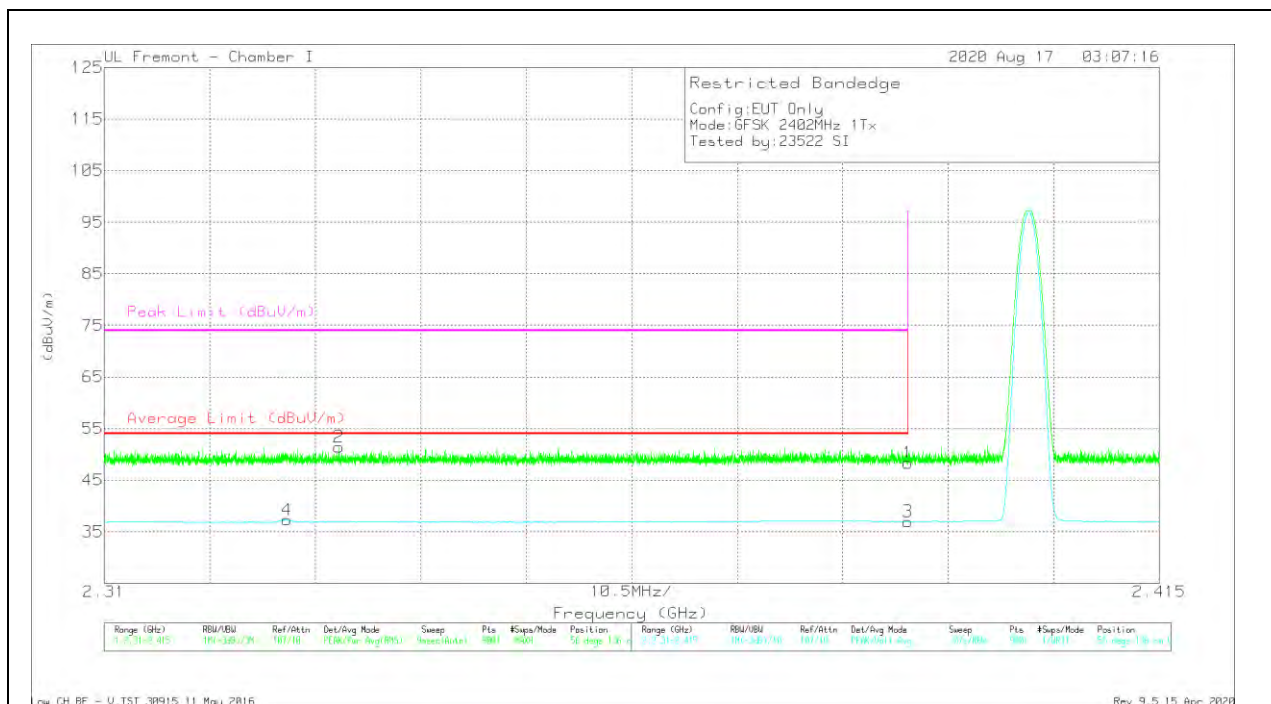
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	33.46	Pk	32	-17.3	48.16	-	-	74	-25.84	65	117	H
2	* 2.34024	37.03	Pk	31.8	-17.2	51.63	-	-	74	-22.37	65	117	H
3	* 2.38999	22.27	VA1T	32	-17.3	36.97	54	-17.03	-	-	65	117	H
4	* 2.32804	24.19	VA1T	31.7	-17.2	38.69	54	-15.31	-	-	65	117	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

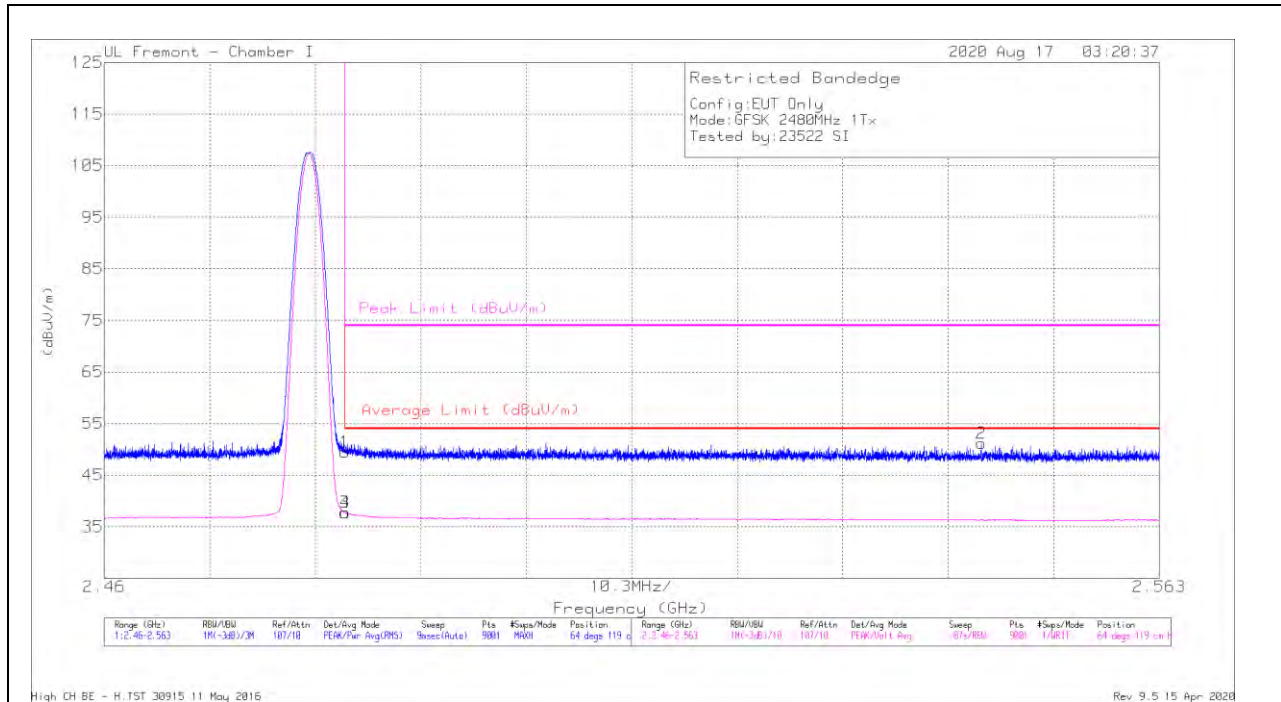


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	33.62	Pk	32	-17.3	48.32	-	-	74	-25.68	56	136	V
2	* 2.33335	36.82	Pk	31.8	-17.2	51.42	-	-	74	-22.58	56	136	V
3	* 2.38999	22.24	VA1T	32	-17.3	36.94	54	-17.06	-	-	56	136	V
4	* 2.32818	22.76	VA1T	31.7	-17.2	37.26	54	-16.74	-	-	56	136	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**

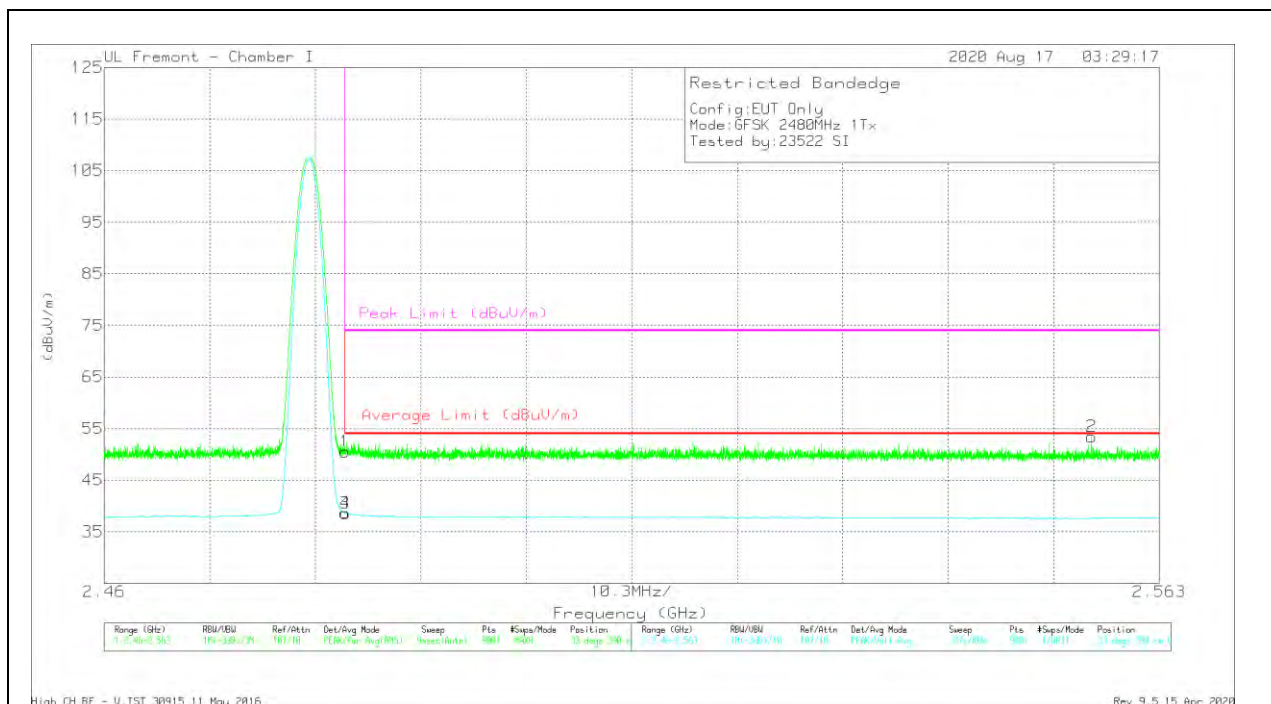
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	34.77	Pk	32.4	-17.7	49.47	-	-	74	-24.53	64	119	H
2	2.54562	36.57	Pk	32.4	-17.8	51.17	-	-	74	-22.83	64	119	H
3	* 2.48351	23.04	VA1T	32.4	-17.7	37.74	54	-16.26	-	-	64	119	H
4	* 2.48354	23.02	VA1T	32.4	-17.7	37.72	54	-16.28	-	-	64	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	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	35.83	Pk	32.4	-17.7	50.53	-	-	74	-23.47	33	390	V
2	2.55639	38.93	Pk	32.3	-17.8	53.43	-	-	74	-20.57	33	390	V
3	* 2.48351	23.92	VA1T	32.4	-17.7	38.62	54	-15.38	-	-	33	390	V
4	* 2.48356	23.88	VA1T	32.4	-17.7	38.58	54	-15.42	-	-	33	390	V

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

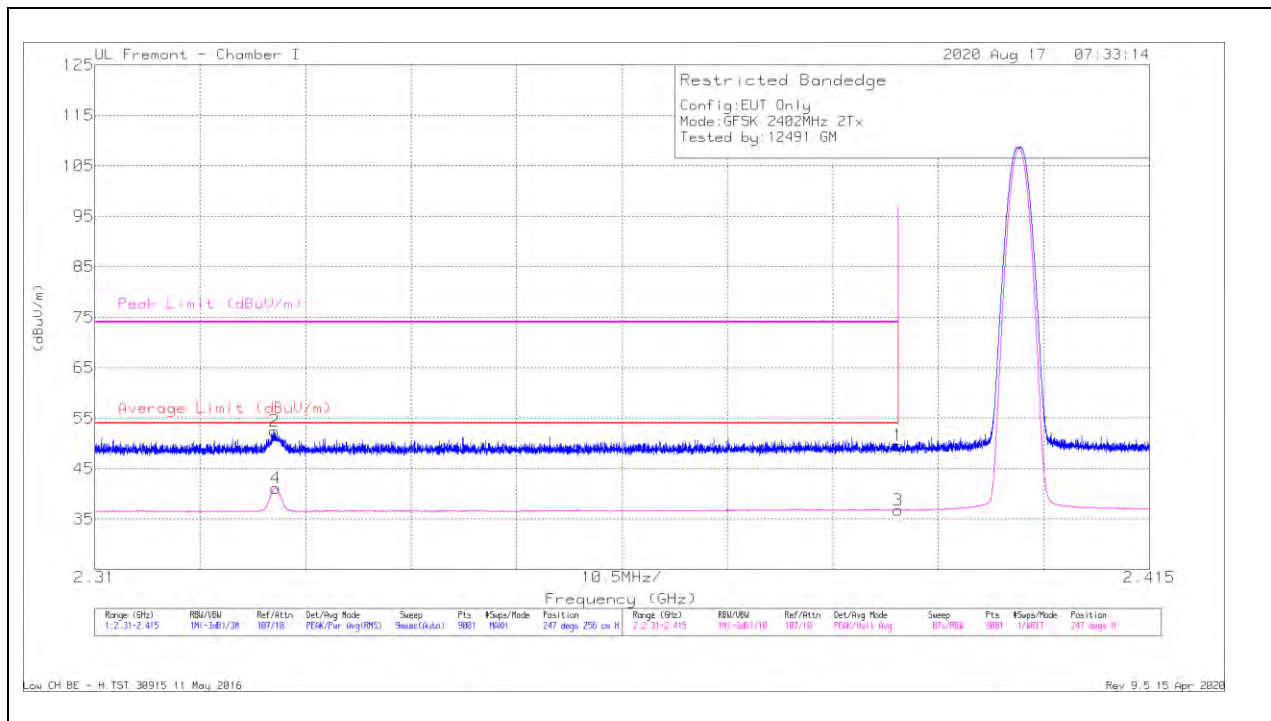
Pk - Peak detector

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

10.1.2. HIGH POWER BASIC DATA RATE TX BF GFSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



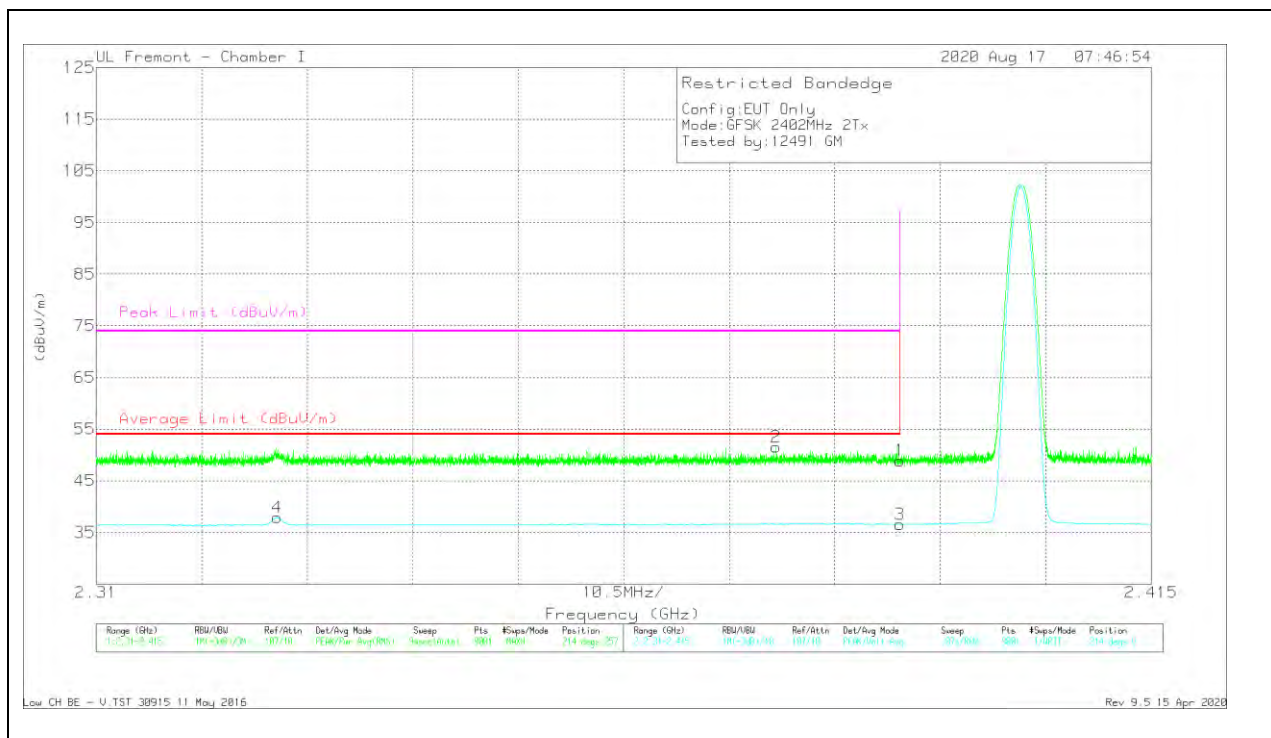
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.81	Pk	32	-17.3	49.51	-	-	74	-24.49	247	256	H
2	* 2.32791	37.96	Pk	31.7	-17.2	52.46	-	-	74	-21.54	247	256	H
3	* 2.38999	22.07	VA1T	32	-17.3	36.77	54	-17.23	-	-	247	256	H
4	* 2.32803	26.65	VA1T	31.7	-17.2	41.15	54	-12.85	-	-	247	256	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	AF T346 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.19	Pk	32	-17.3	48.89	-	-	74	-25.11	214	257	V
2	* 2.37768	36.82	Pk	32	-17.3	51.52	-	-	74	-22.48	214	257	V
3	* 2.38999	21.85	VA1T	32	-17.3	36.55	54	-17.45	-	-	214	257	V
4	* 2.32799	23.37	VA1T	31.7	-17.2	37.87	54	-16.13	-	-	214	257	V

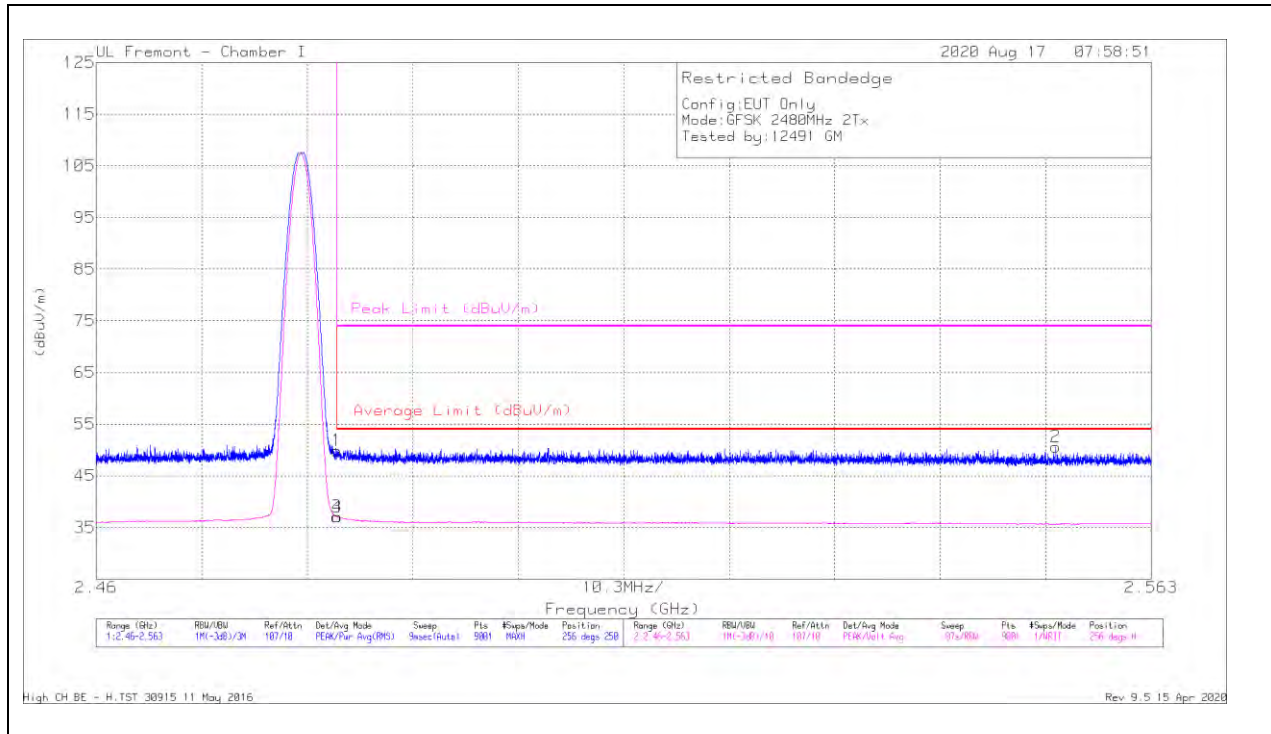
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



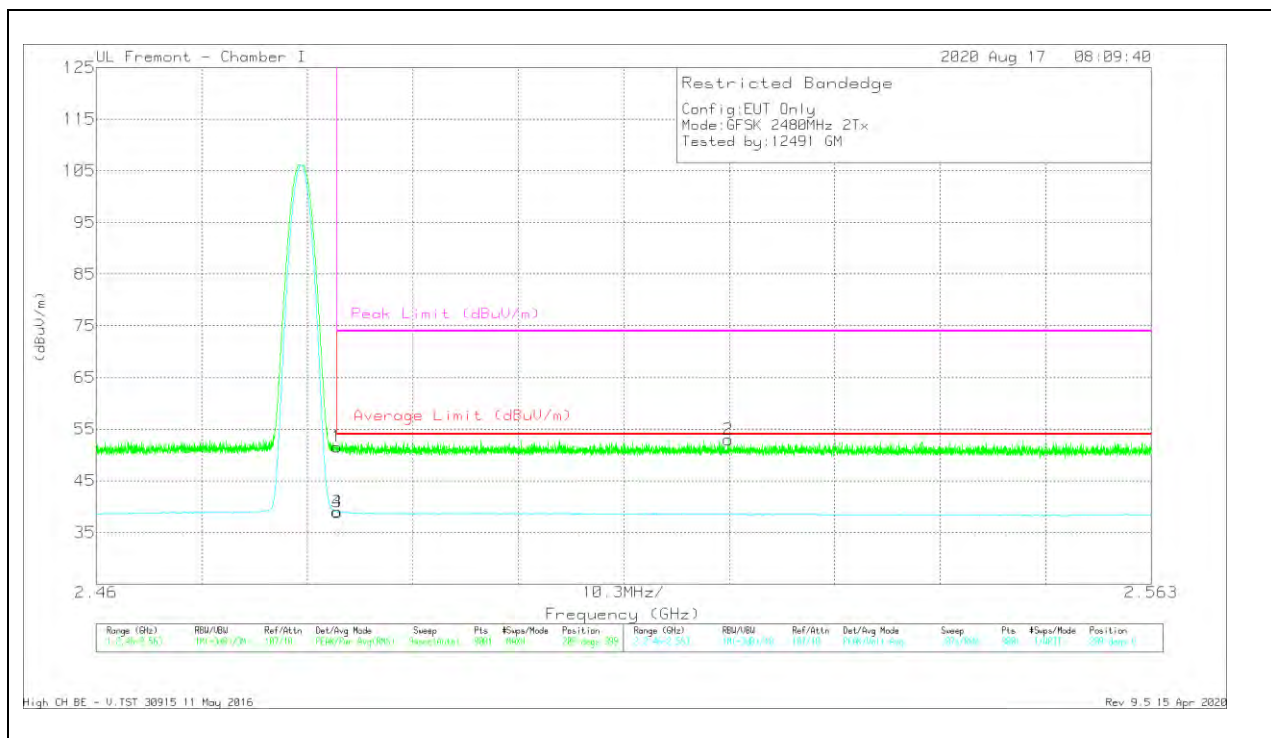
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	35.15	Pk	32.4	-17.7	49.85	-	-	74	-24.15	256	250	H
2	2.55366	36.1	Pk	32.3	-17.8	50.6	-	-	74	-23.4	256	250	H
3	* 2.48351	22.35	VA1T	32.4	-17.7	37.05	54	-16.95	-	-	256	250	H
4	* 2.48354	22.33	VA1T	32.4	-17.7	37.03	54	-16.97	-	-	256	250	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	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	36.9	Pk	32.4	-17.7	51.6	-	-	74	-22.4	209	399	V
2	2.52172	38.25	Pk	32.5	-17.8	52.95	-	-	74	-21.05	209	399	V
3	* 2.48351	24.27	VA1T	32.4	-17.7	38.97	54	-15.03	-	-	209	399	V
4	* 2.48354	24.25	VA1T	32.4	-17.7	38.95	54	-15.05	-	-	209	399	V

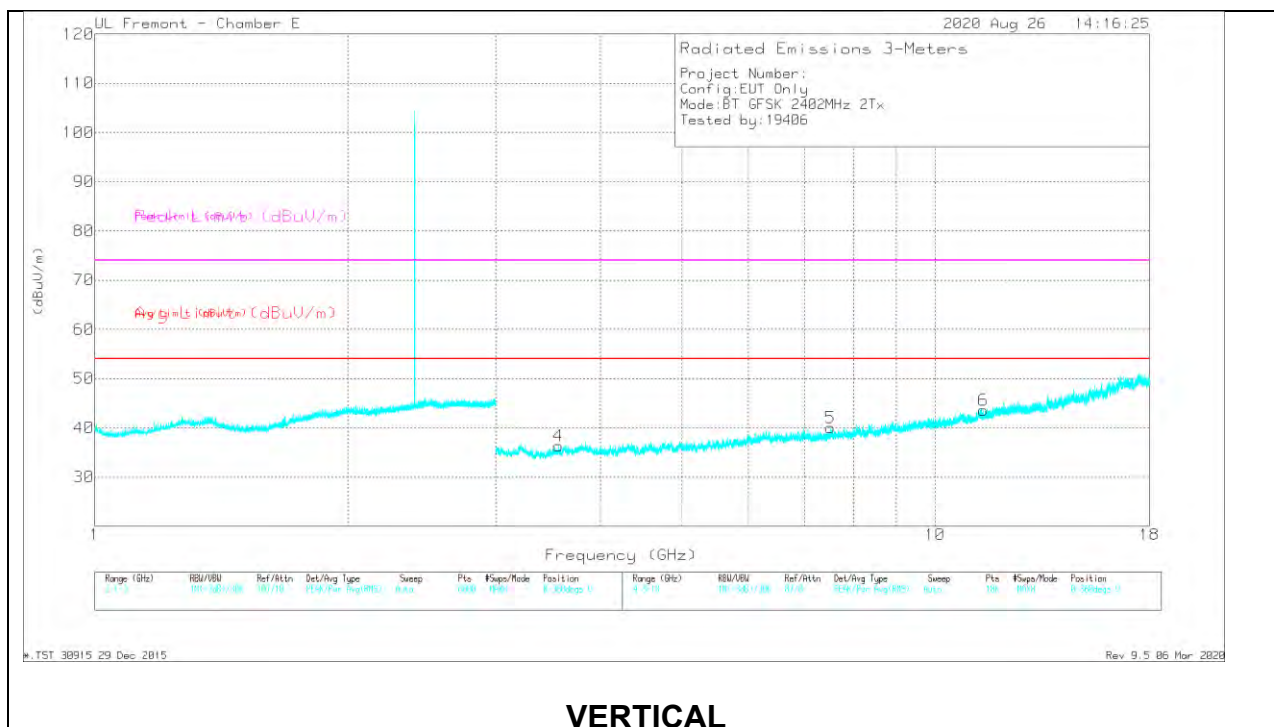
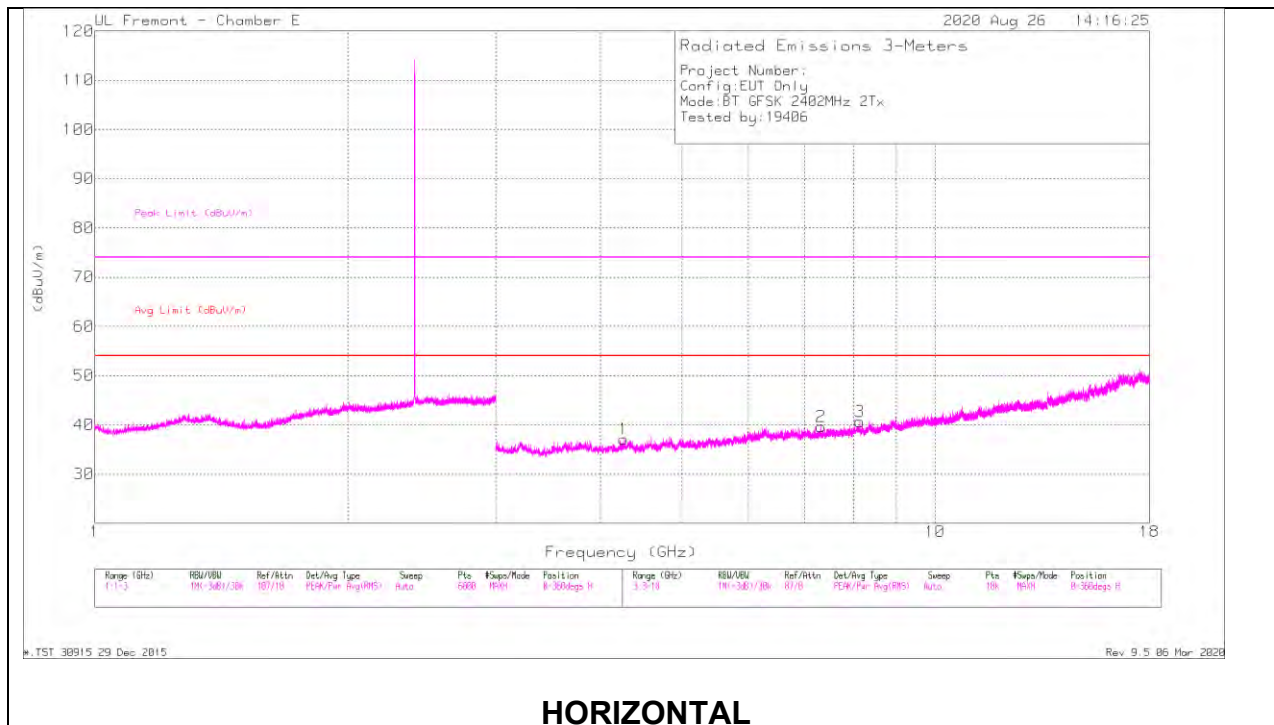
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.25832	41.24	PKFH	33.5	-32.4	42.34	-	-	74	-31.66	86	156	H
	* 4.26	29.35	VA1T	33.5	-32.4	30.45	54	-23.55	-	-	86	156	H
2	* 7.31586	37.06	PKFH	35.5	-28.1	44.46	-	-	74	-29.54	214	286	H
	* 7.31721	25.21	VA1T	35.5	-28.1	32.61	54	-21.39	-	-	214	286	H
3	* 8.13523	37.3	PKFH	35.8	-27.3	45.8	-	-	74	-28.2	145	322	H
	* 8.13622	25.29	VA1T	35.8	-27.3	33.79	54	-20.21	-	-	145	322	H
4	* 3.56528	41.89	PKFH	33.2	-33.6	41.49	-	-	74	-32.51	275	223	V
	* 3.56508	30.29	VA1T	33.2	-33.6	29.89	54	-24.11	-	-	275	223	V
5	* 7.51082	37.55	PKFH	35.7	-27.5	45.75	-	-	74	-28.25	269	255	V
	* 7.51062	24.97	VA1T	35.7	-27.5	33.17	54	-20.83	-	-	269	255	V
6	* 11.42284	35.25	PKFH	37.9	-23.9	49.25	-	-	74	-24.75	175	230	V
	* 11.42072	23.01	VA1T	37.9	-23.9	37.01	54	-16.99	-	-	175	230	V

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

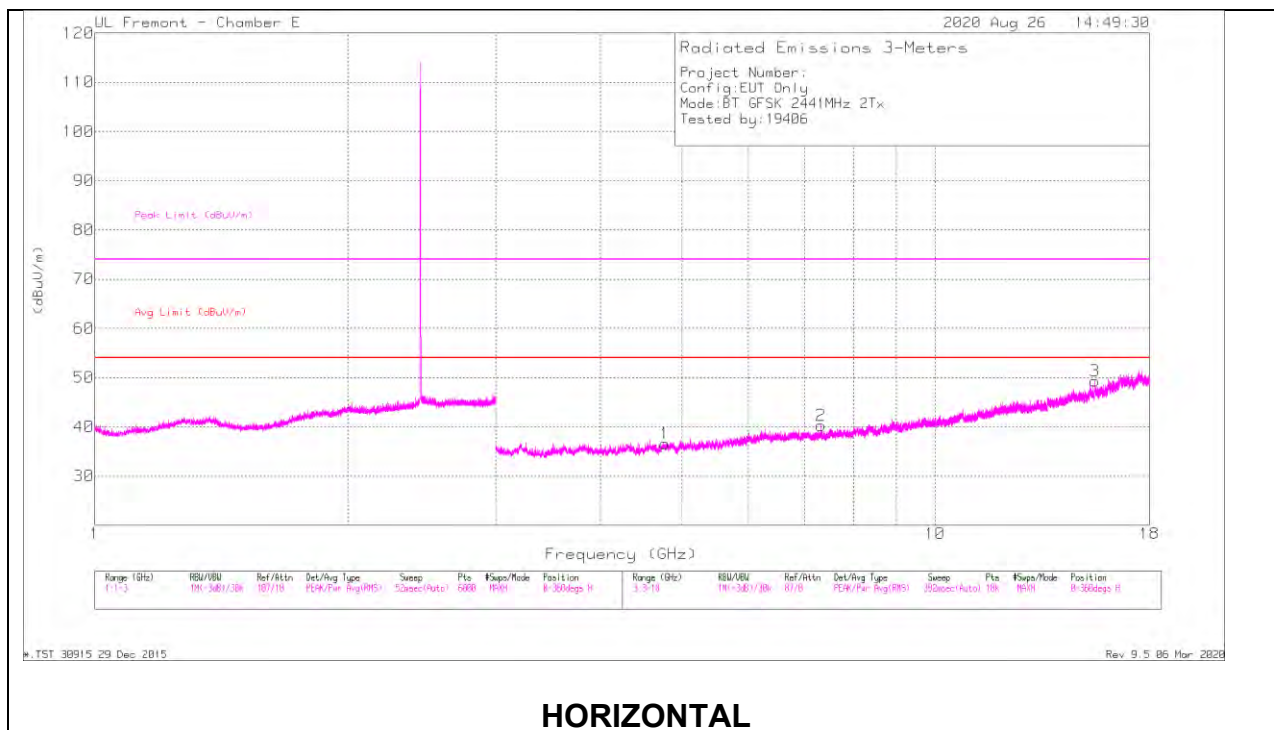
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

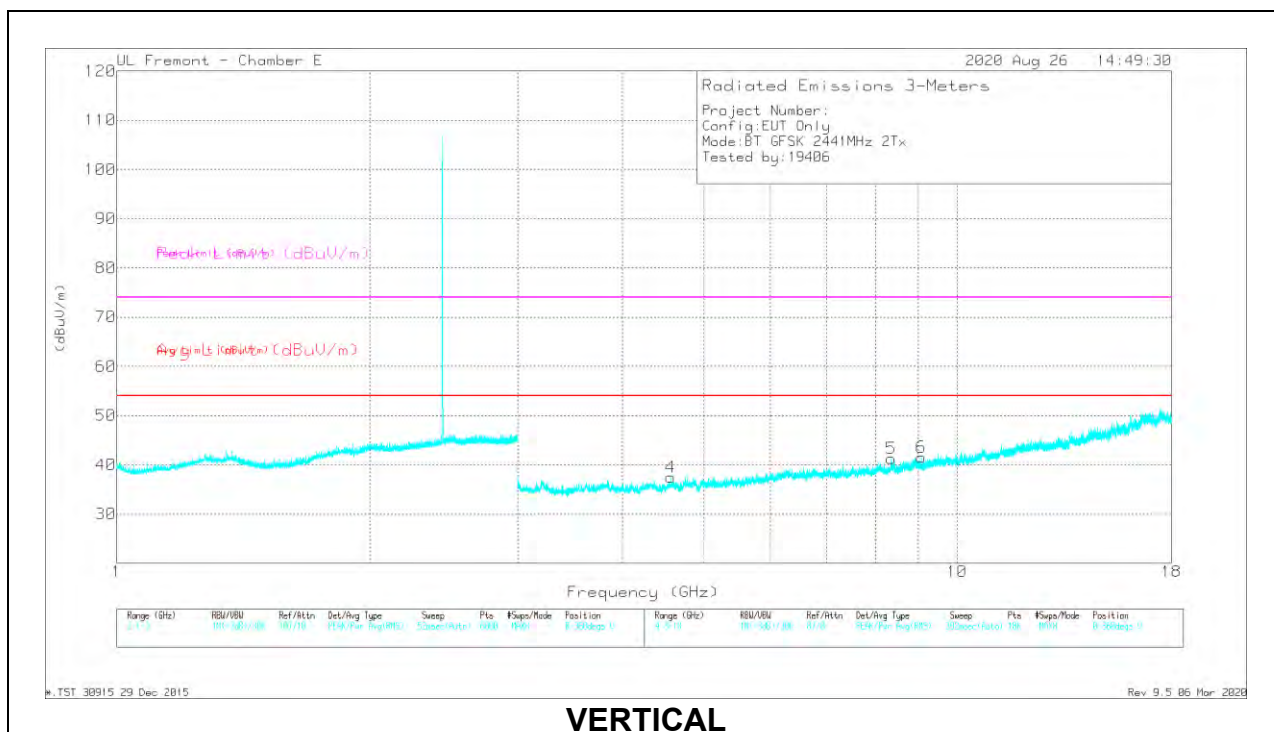
* TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.77024	40.53	PKFH	34.2	-32	42.73	-	-	74	-31.27	119	165	H
	* 4.76818	28.65	VA1T	34.2	-32	30.85	54	-23.15	-	-	119	165	H
2	* 7.32215	37.28	PKFH	35.6	-28.2	44.68	-	-	74	-29.32	171	218	H
	* 7.32295	25.8	VA1T	35.6	-28.2	33.2	54	-20.8	-	-	171	218	H
3	* 15.50263	33.46	PKFH	40.3	-19.5	54.26	-	-	74	-19.74	300	274	H
	* 15.50345	22.04	VA1T	40.3	-19.5	42.84	54	-11.16	-	-	300	274	H
4	* 4.56443	41.5	PKFH	34.2	-32.2	43.5	-	-	74	-30.5	224	187	V
	* 4.56709	29.14	VA1T	34.2	-32.2	31.14	54	-22.86	-	-	224	187	V
5	* 8.34843	36.94	PKFH	35.9	-26.2	46.64	-	-	74	-27.36	171	156	V
	* 8.3478	25.11	VA1T	35.9	-26.2	34.81	54	-19.19	-	-	171	156	V
6	* 9.07192	35.98	PKFH	36.1	-25.9	46.18	-	-	74	-27.82	285	254	V
	* 9.07145	24.28	VA1T	36.1	-25.9	34.48	54	-19.52	-	-	285	254	V

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

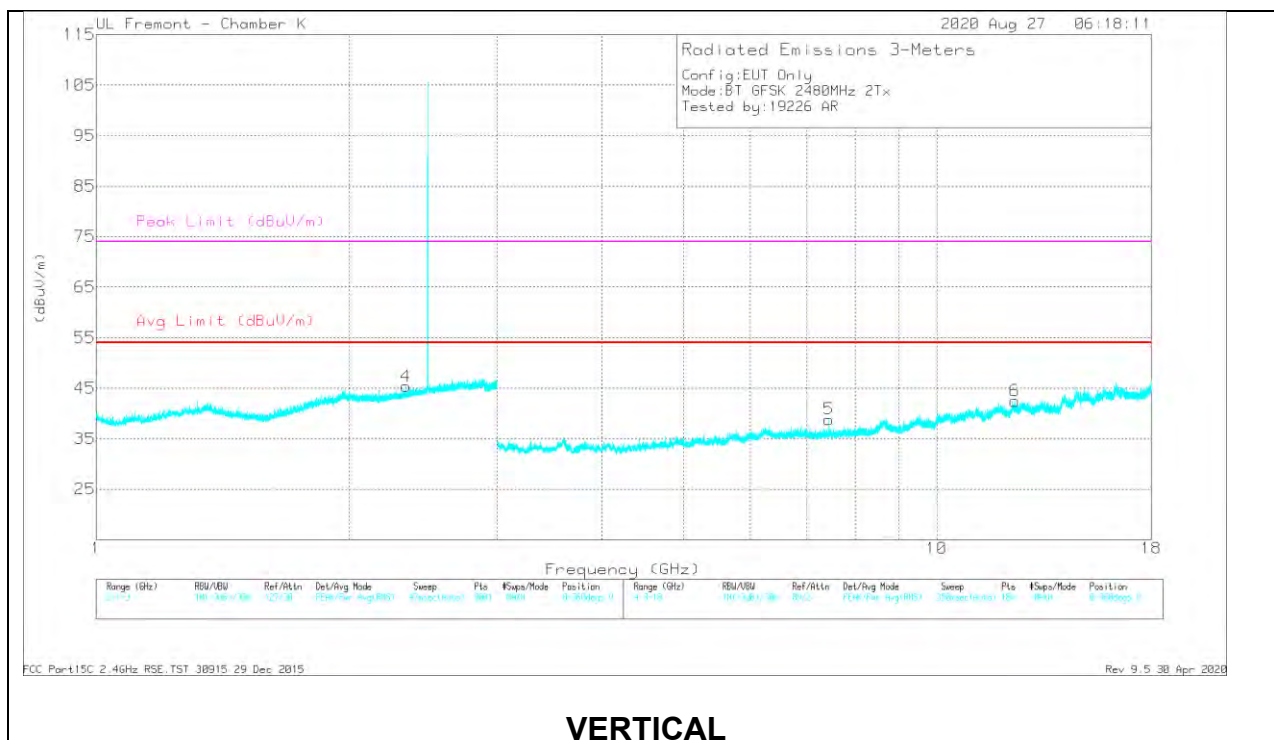
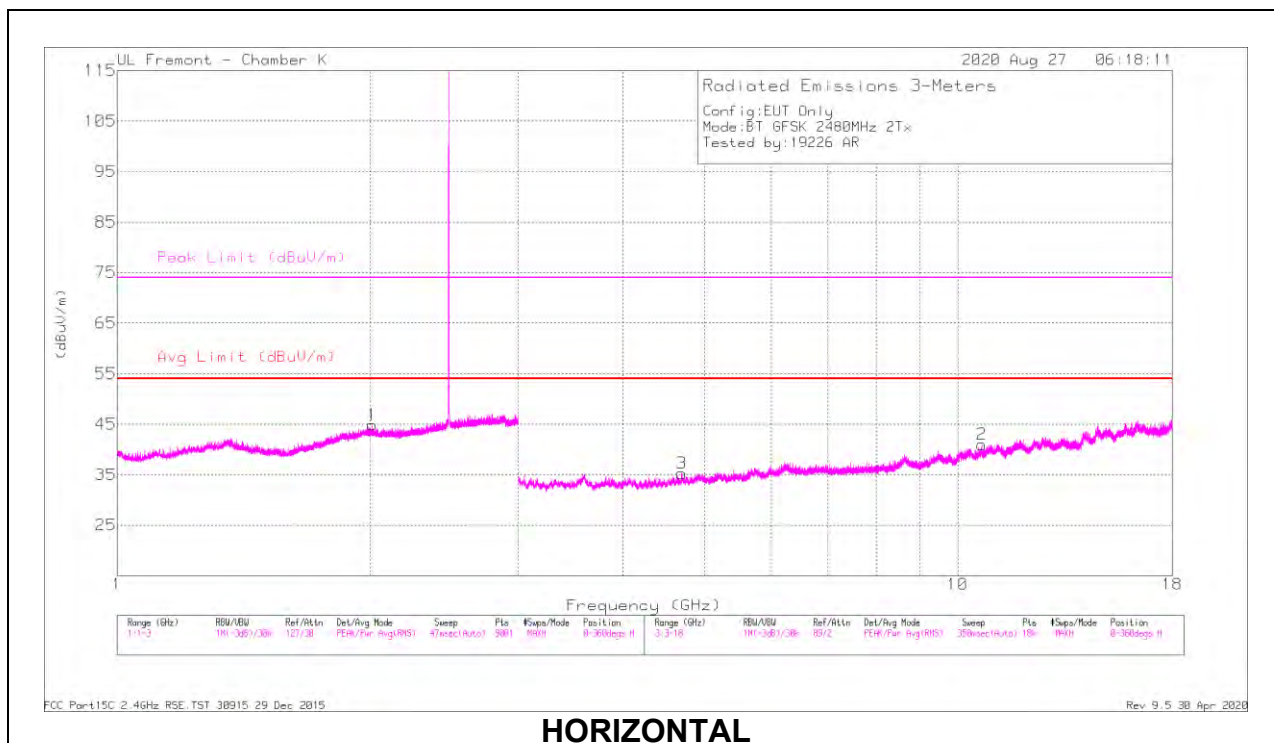
PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

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

*.TST 30915 29 Dec 2015

Rev 9.5 06 Mar 2020

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.01014	55.66	PKFH	31.5	-35.8	51.36	-	-	-	-	296	364	H
4	* 2.33862	56.33	PKFH	31.7	-35.2	52.83	-	-	74	-21.17	279	222	V
	* 2.33871	42.69	VA1T	31.7	-35.2	39.19	54	-14.81	-	-	279	222	V
2	* 10.67953	46.77	PKFH	37.9	-36.3	48.37	-	-	74	-25.63	323	241	H
	* 10.68234	33.16	VA1T	37.9	-36.3	34.76	54	-19.24	-	-	323	241	H
3	* 4.69435	49.54	PKFH	34	-41.4	42.14	-	-	74	-31.86	9	155	H
	* 4.69437	36.61	VA1T	34	-41.4	29.21	54	-24.79	-	-	9	155	H
5	* 7.43953	53.81	PKFH	35.7	-38	51.51	-	-	74	-22.49	240	97	V
	* 7.43998	48.36	VA1T	35.7	-38	46.06	54	-7.94	-	-	240	97	V
6	* 12.38873	45.18	PKFH	39	-34.3	49.88	-	-	74	-24.12	148	110	V
	* 12.38895	31.63	VA1T	39	-34.3	36.33	54	-17.67	-	-	148	110	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

FCC Part15C 2.4GHz RSE.TST 30915 29 Dec 2015

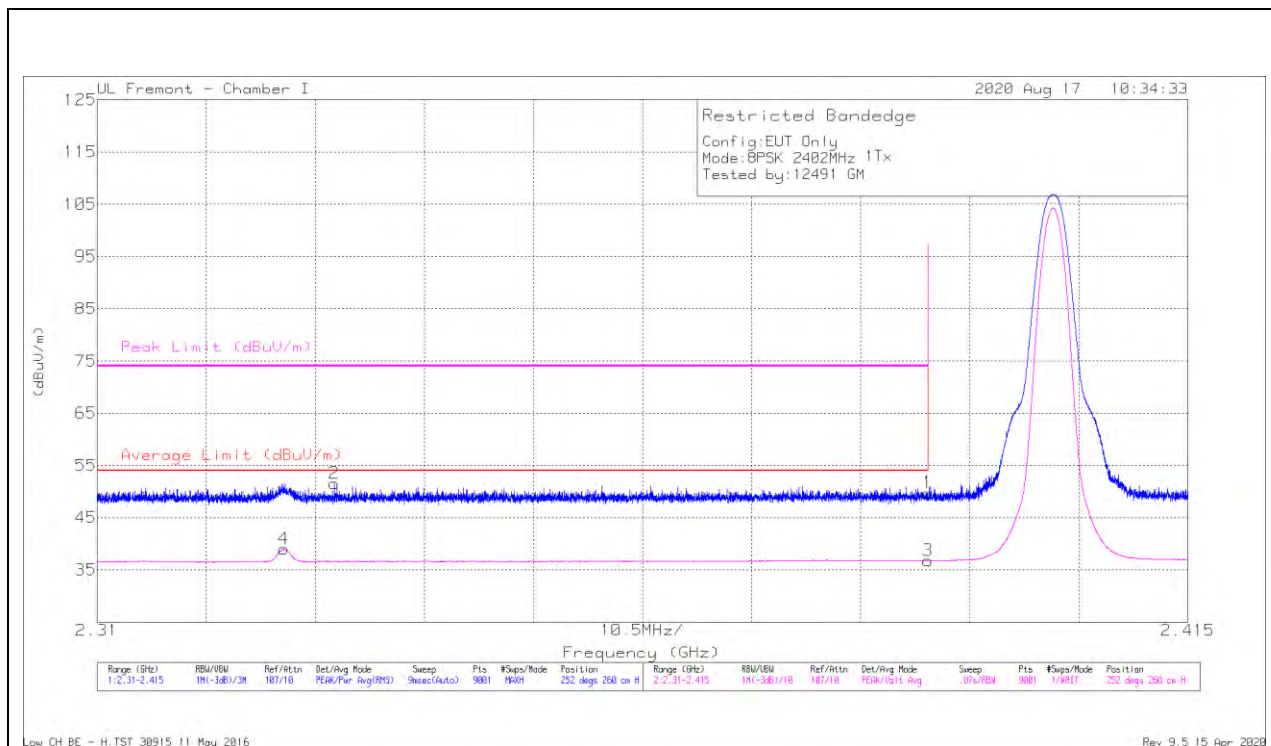
Rev 9.5 30 Apr 2020

10.1.3. HIGH POWER ENHANCED DATA RATE 8PSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



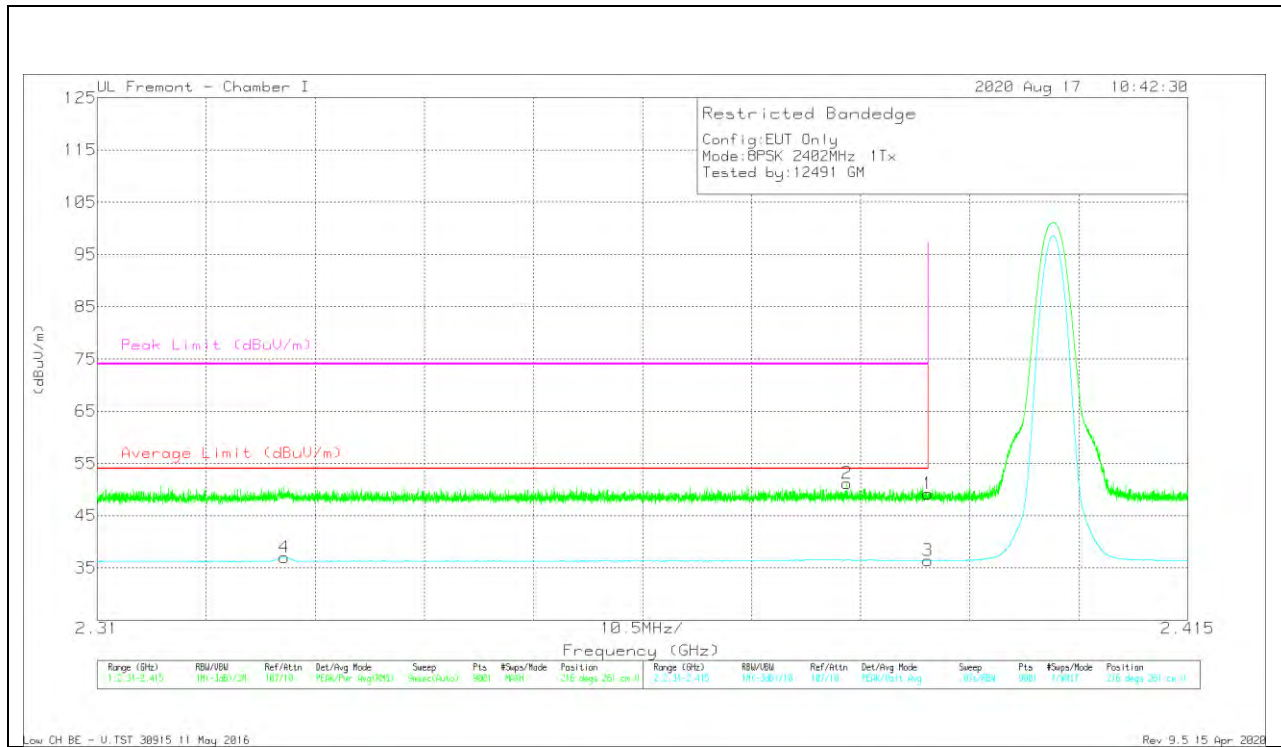
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	35.03	Pk	32	-17.3	49.73	-	-	74	-24.27	252	260	H
2	* 2.33282	36.91	Pk	31.8	-17.2	51.51	-	-	74	-22.49	252	260	H
3	* 2.38999	22.05	VA1T	32	-17.3	36.75	54	-17.25	-	-	252	260	H
4	* 2.32794	24.44	VA1T	31.7	-17.2	38.94	54	-15.06	-	-	252	260	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	AF T346 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.53	Pk	32	-17.3	49.23	-	-	74	-24.77	216	261	V
2	* 2.3822	36.44	Pk	32	-17.3	51.14	-	-	74	-22.86	216	261	V
3	* 2.38999	21.66	VA1T	32	-17.3	36.36	54	-17.64	-	-	216	261	V
4	* 2.32803	22.53	VA1T	31.7	-17.2	37.03	54	-16.97	-	-	216	261	V

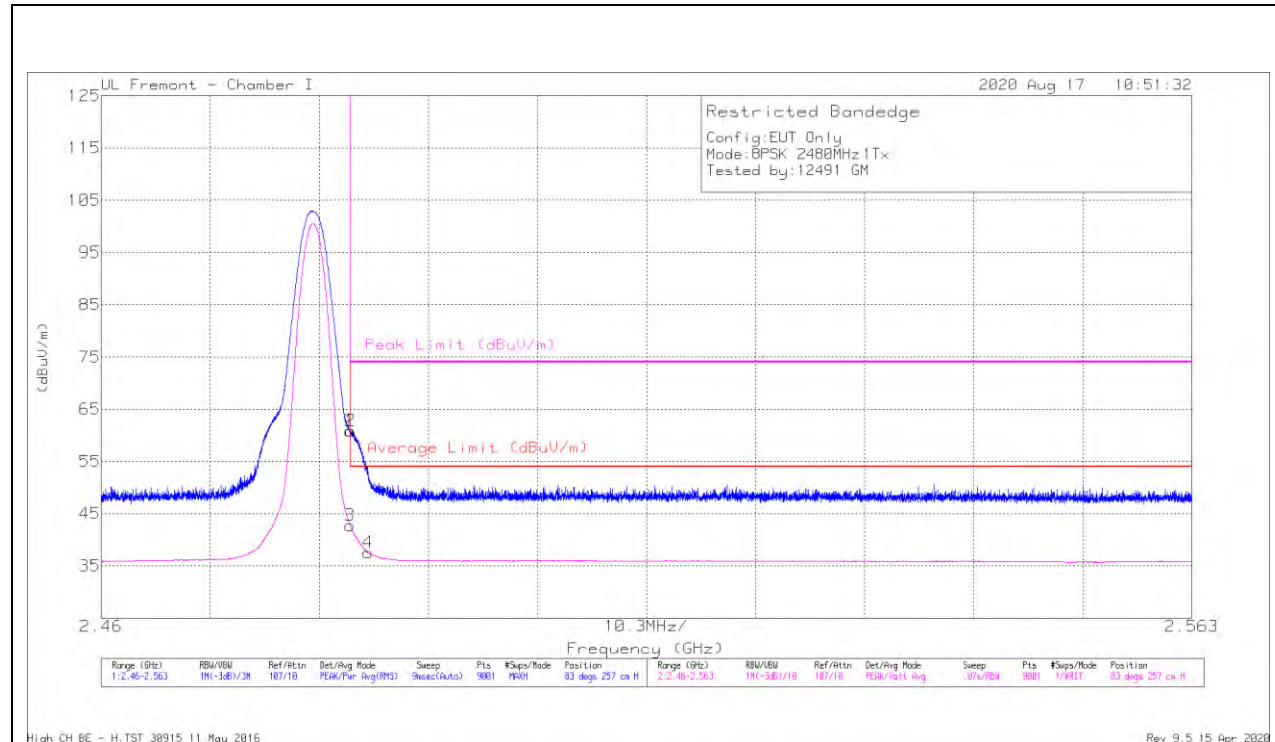
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



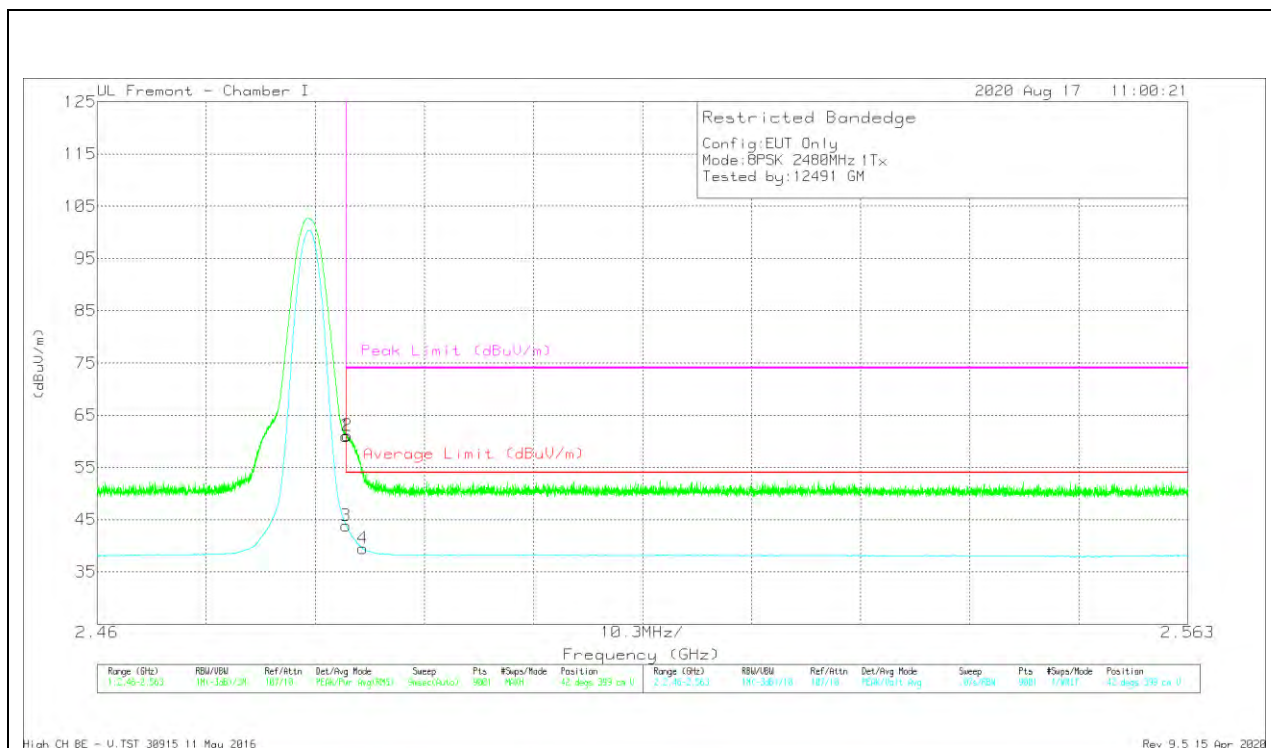
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	46.15	Pk	32.4	-17.7	60.85	-	-	74	-13.15	83	257	H
2	* 2.48355	46.15	Pk	32.4	-17.7	60.85	-	-	74	-13.15	83	257	H
3	* 2.48351	28.01	VA1T	32.4	-17.7	42.71	54	-11.29	-	-	83	257	H
4	* 2.48522	22.67	VA1T	32.5	-17.7	37.47	54	-16.53	-	-	83	257	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	AF T346 (dB/m)	Amp/Cbll/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	46.26	Pk	32.4	-17.7	60.96	-	-	74	-13.04	42	399	V
2	* 2.48364	46.43	Pk	32.4	-17.7	61.13	-	-	74	-12.87	42	399	V
3	* 2.48351	29.17	VA1T	32.4	-17.7	43.87	54	-10.13	-	-	42	399	V
4	* 2.48509	24.66	VA1T	32.5	-17.7	39.46	54	-14.54	-	-	42	399	V

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

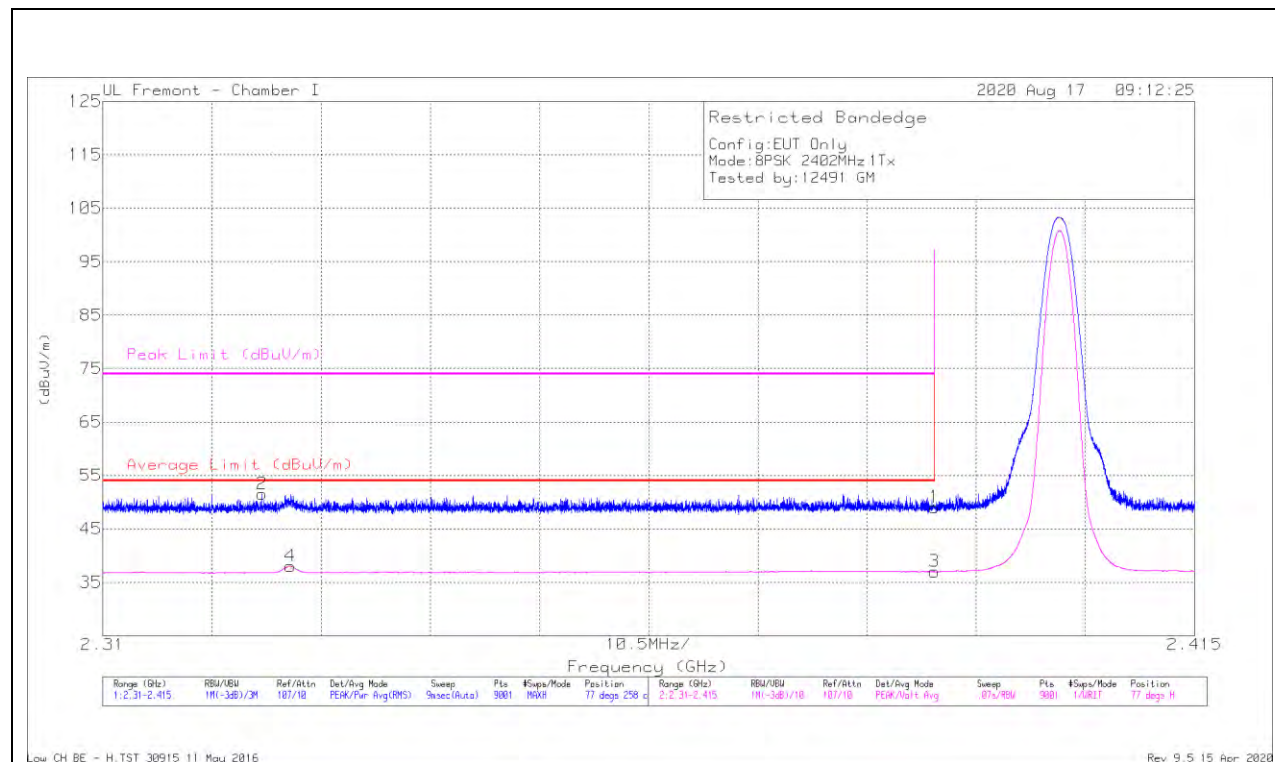
Pk - Peak detector

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

ANT 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



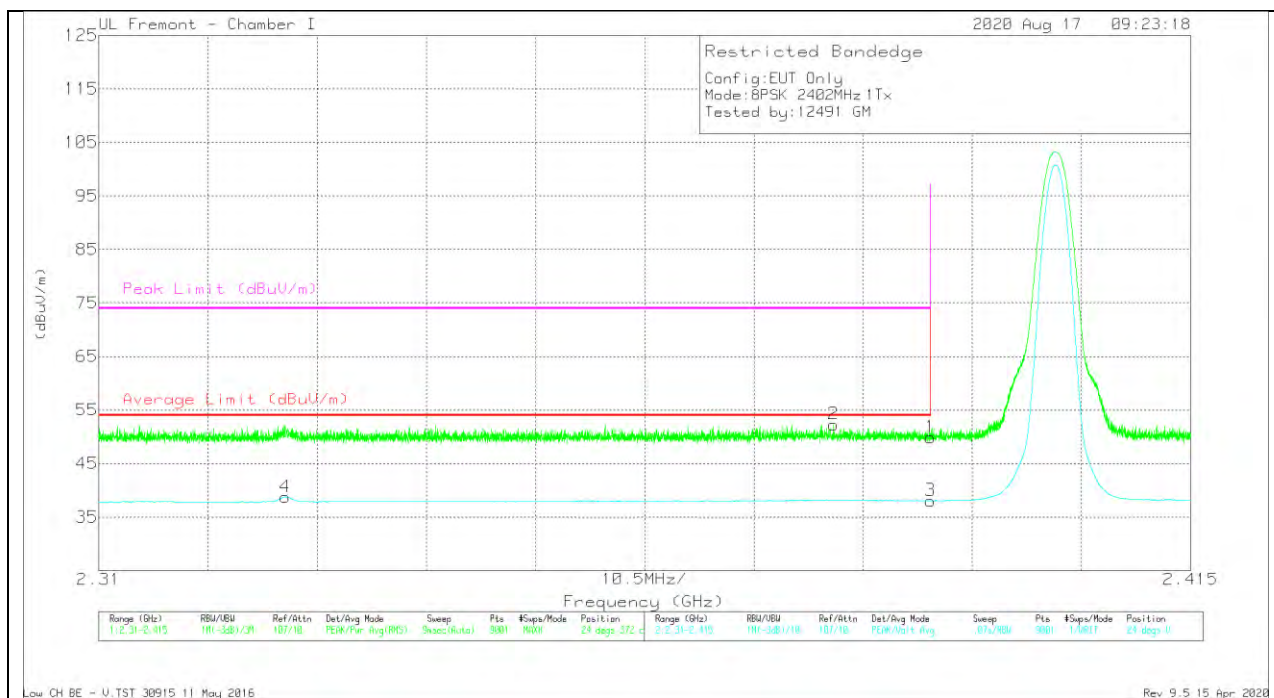
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtz/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.31	Pk	32	-17.3	49.01	-	-	74	-24.99	77	258	H
2	* 2.32532	37.03	Pk	31.7	-17.2	51.53	-	-	74	-22.47	77	258	H
3	* 2.38999	22.29	VA1T	32	-17.3	36.99	54	-17.01	-	-	77	258	H
4	* 2.32804	23.5	VA1T	31.7	-17.2	38	54	-16	-	-	77	258	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	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.38999	35.2	Pk	32	-17.3	49.9	-	-	74	-24.1	24	372	V
2	* 2.38068	37.62	Pk	32	-17.3	52.32	-	-	74	-21.68	24	372	V
3	* 2.38999	23.36	VA1T	32	-17.3	38.06	54	-15.94	-	-	24	372	V
4	* 2.32794	24.25	VA1T	31.7	-17.2	38.75	54	-15.25	-	-	24	372	V

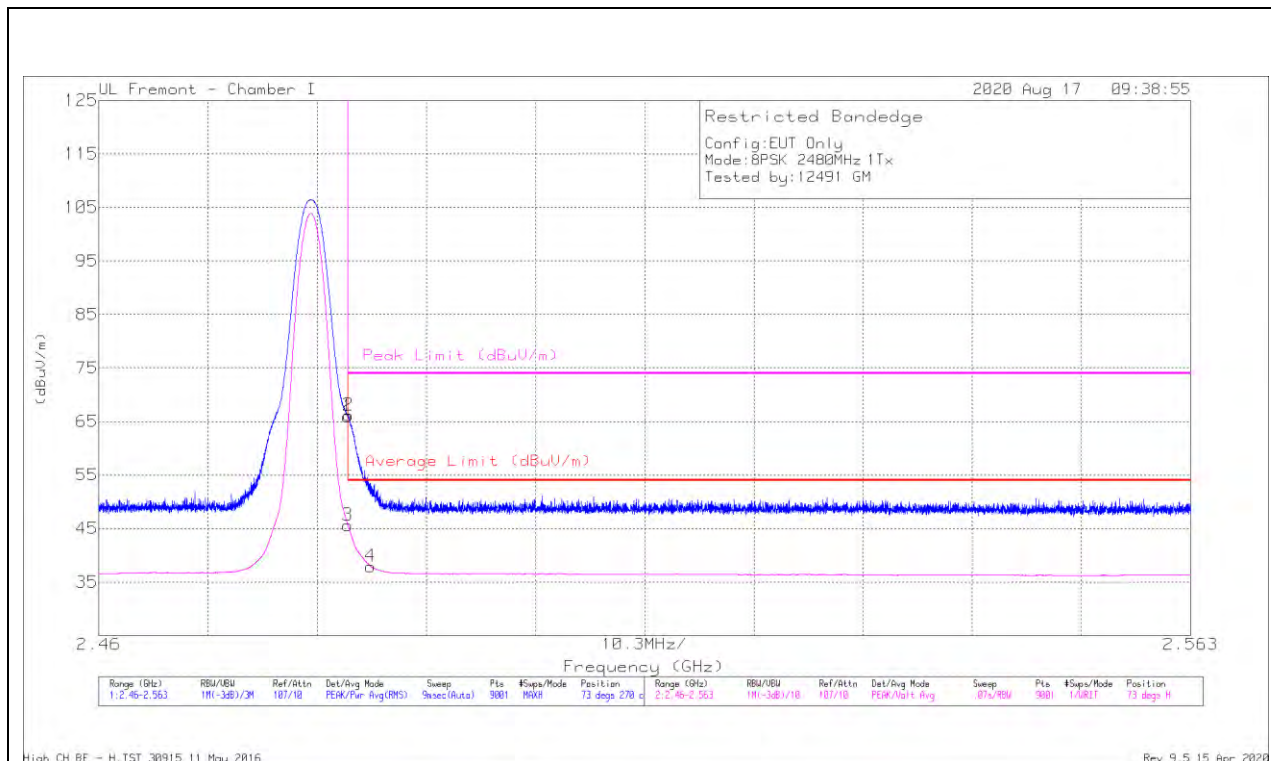
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



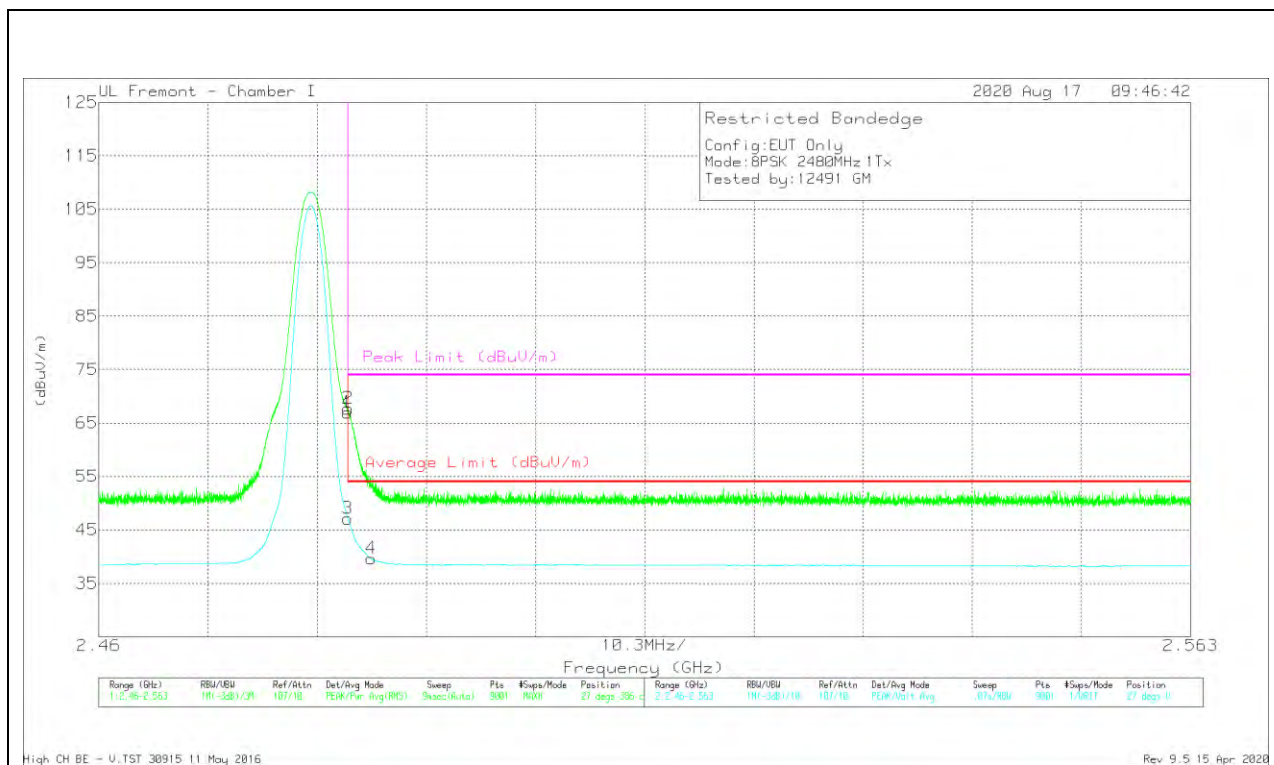
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	51.29	Pk	32.4	-17.7	65.99	-	-	74	-8.01	73	270	H
2	* 2.48354	51.48	Pk	32.4	-17.7	66.18	-	-	74	-7.82	73	270	H
3	* 2.48351	30.9	VA1T	32.4	-17.7	45.6	54	-8.4	-	-	73	270	H
4	* 2.48565	23.13	VA1T	32.5	-17.7	37.93	54	-16.07	-	-	73	270	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	AF T346 (dBm)	Amp/Cbll/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	52.26	Pk	32.4	-17.7	66.96	-	-	74	-7.04	27	386	V
2	* 2.48352	53	Pk	32.4	-17.7	67.7	-	-	74	-6.3	27	386	V
3	* 2.48351	32.42	VA1T	32.4	-17.7	47.12	54	-6.88	-	-	27	386	V
4	* 2.48569	24.82	VA1T	32.5	-17.7	39.62	54	-14.38	-	-	27	386	V

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

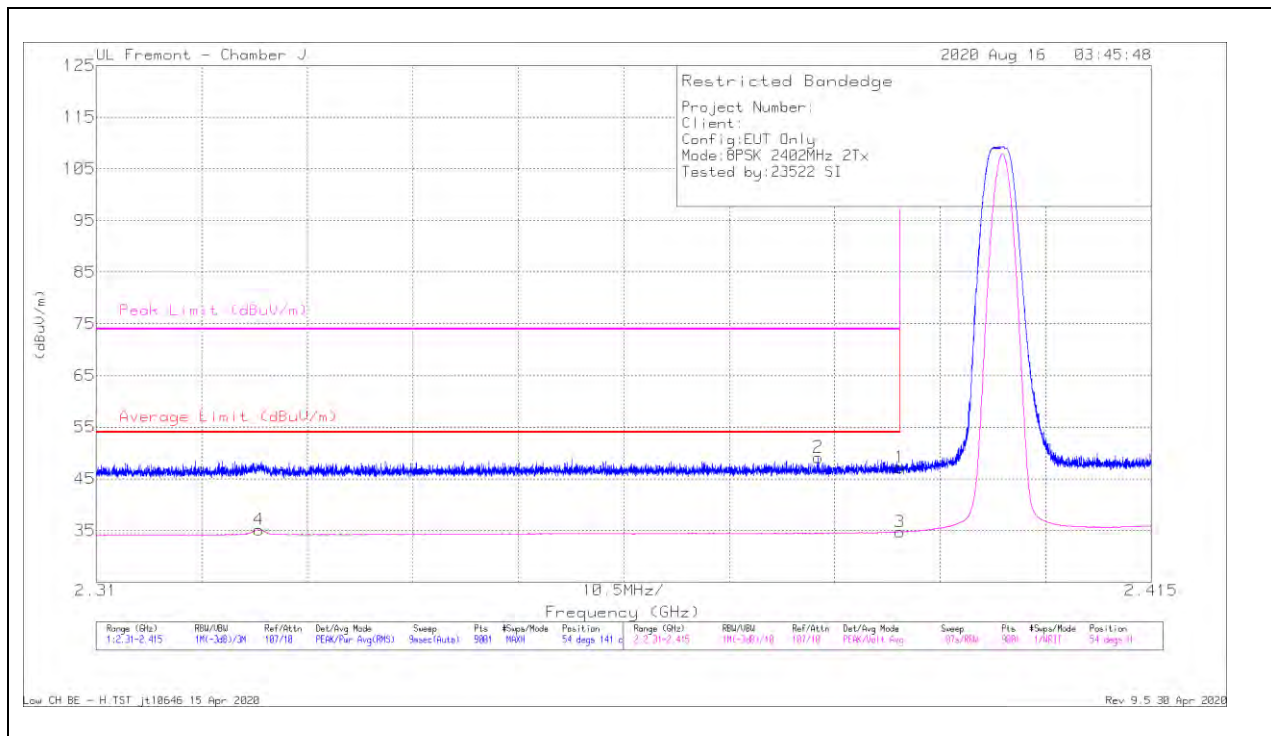
Pk - Peak detector

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

10.1.4. HIGH POWER ENHANCED DATA RATE TXBF 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



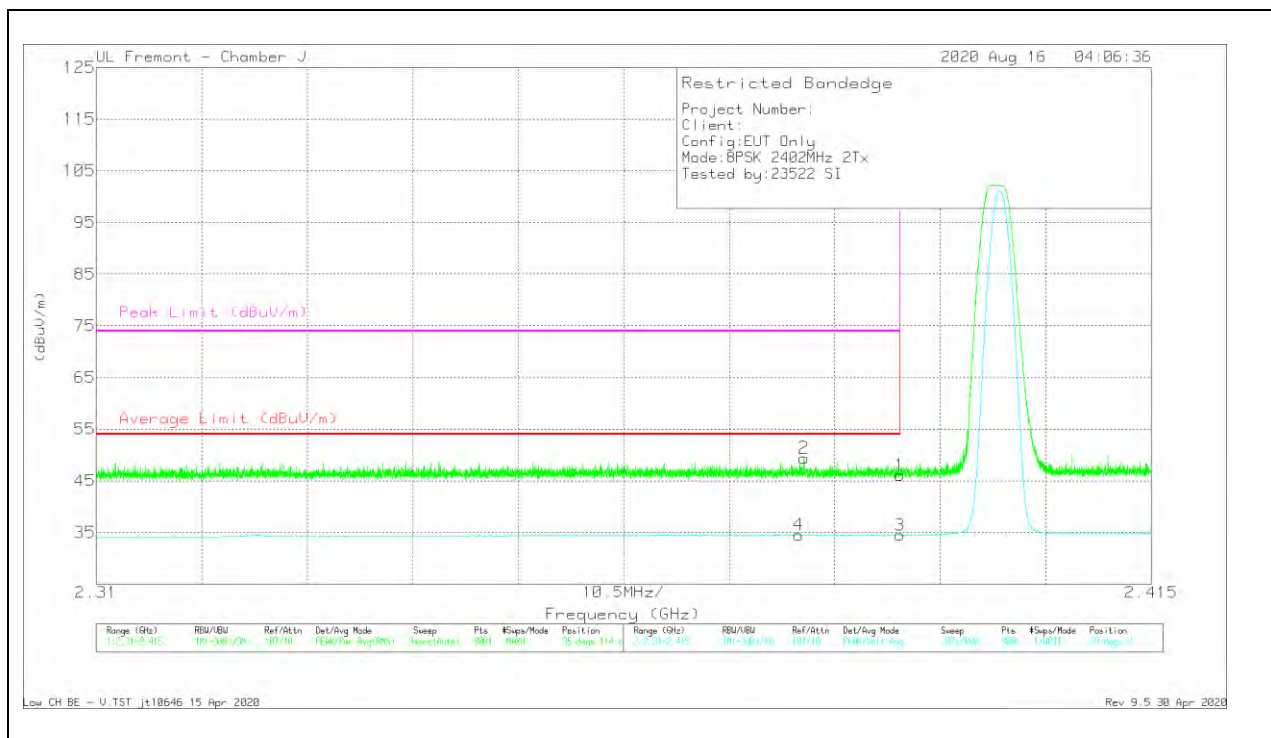
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/CbI/Filt/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	43.71	Pk	29	-25.5	47.21	-	-	74	-26.79	54	141	H
2	* 2.38187	45.63	Pk	29	-25.5	49.13	-	-	74	-24.87	54	141	H
3	* 2.38999	31.22	VA1T	29	-25.5	34.72	54	-19.28	-	-	54	141	H
4	* 2.32618	31.95	VA1T	28.8	-25.6	35.15	54	-18.85	-	-	54	141	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

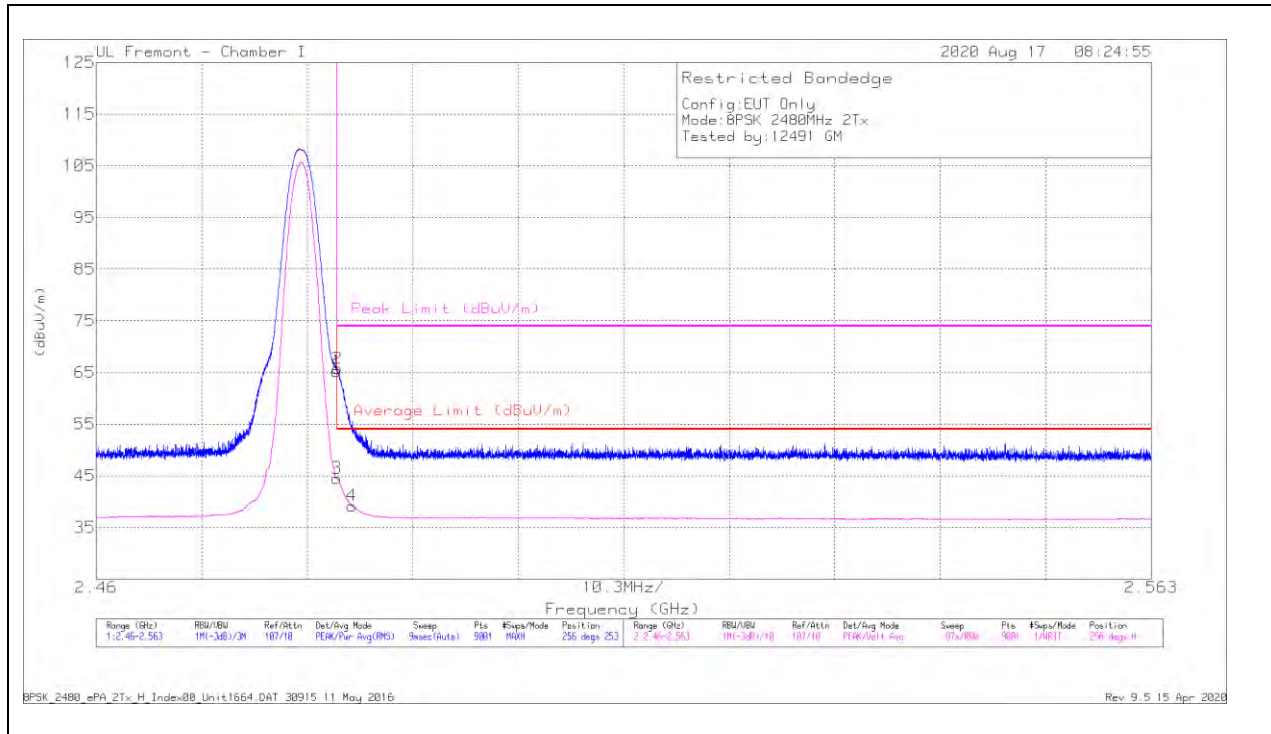


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	42.56	Pk	29	-25.5	46.06	-	-	74	-27.94	39	114	V
2	* 2.38043	45.87	Pk	29	-25.5	49.37	-	-	74	-24.63	39	114	V
3	* 2.38999	30.96	VA1T	29	-25.5	34.46	54	-19.54	-	-	39	114	V
4	* 2.37991	31.02	VA1T	29	-25.5	34.52	54	-19.48	-	-	39	114	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**

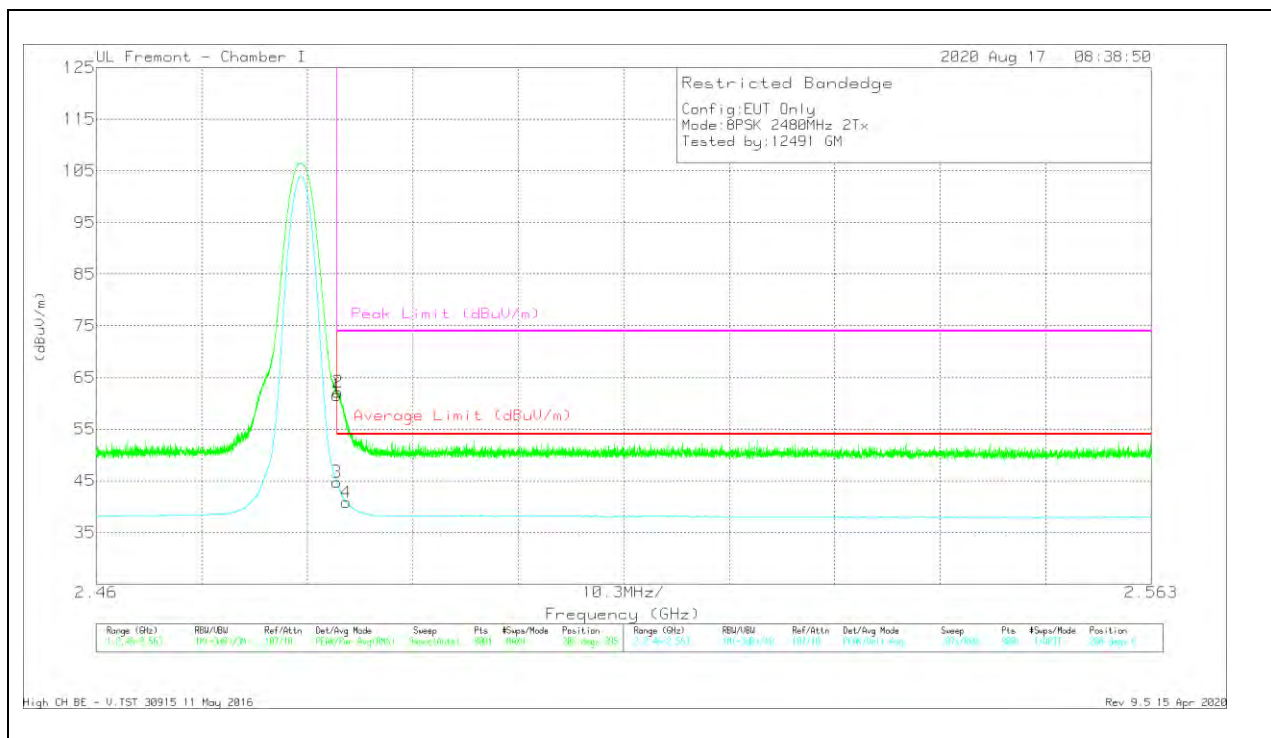
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbI/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	50.56	Pk	32.4	-17.7	65.26	-	-	74	-8.74	256	253	H
2	* 2.48353	51.09	Pk	32.4	-17.7	65.79	-	-	74	-8.21	256	253	H
3	* 2.48351	29.81	VA1T	32.4	-17.7	44.51	54	-9.49	-	-	256	253	H
4	* 2.48497	24.37	VA1T	32.5	-17.7	39.17	54	-14.83	-	-	256	253	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	AF T346 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	46.9	Pk	32.4	-17.7	61.6	-	-	74	-12.4	206	395	V
2	* 2.48361	47.45	Pk	32.4	-17.7	62.15	-	-	74	-11.85	206	395	V
3	* 2.48351	30.03	VA1T	32.4	-17.7	44.73	54	-9.27	-	-	206	395	V
4	* 2.48442	26.12	VA1T	32.4	-17.7	40.82	54	-13.18	-	-	206	395	V

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

Pk - Peak detector

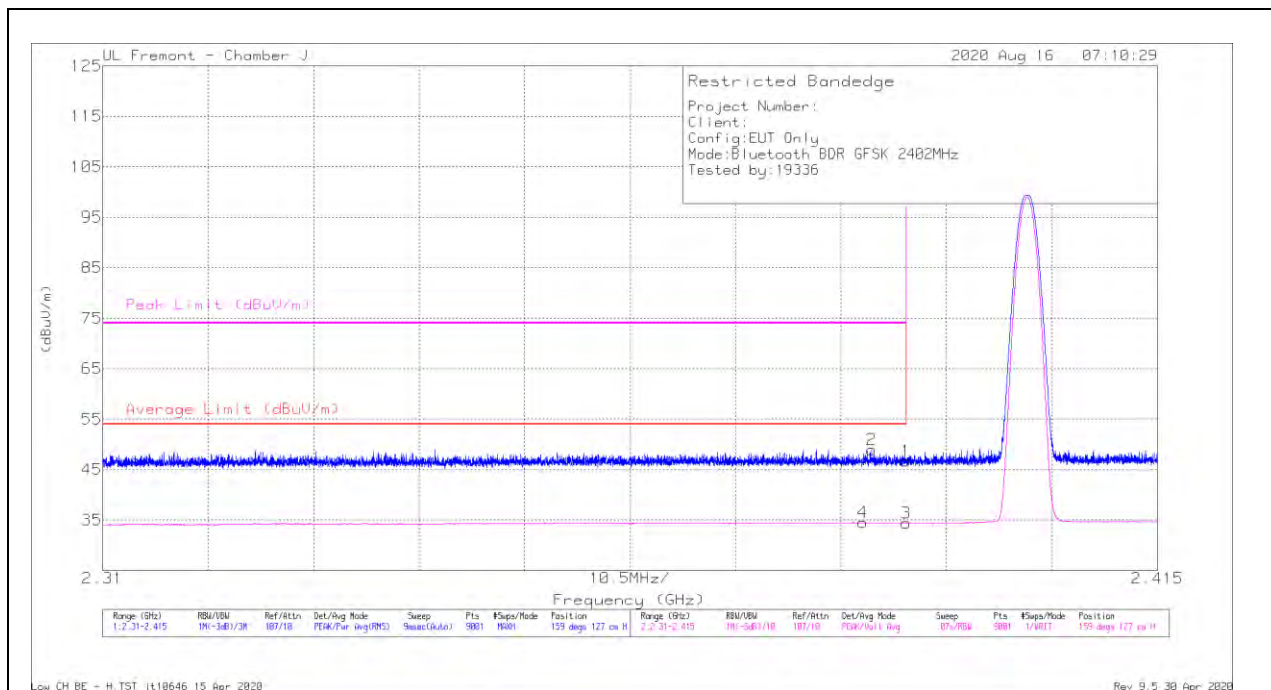
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.5. LOW POWER BASIC DATA RATE GFSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



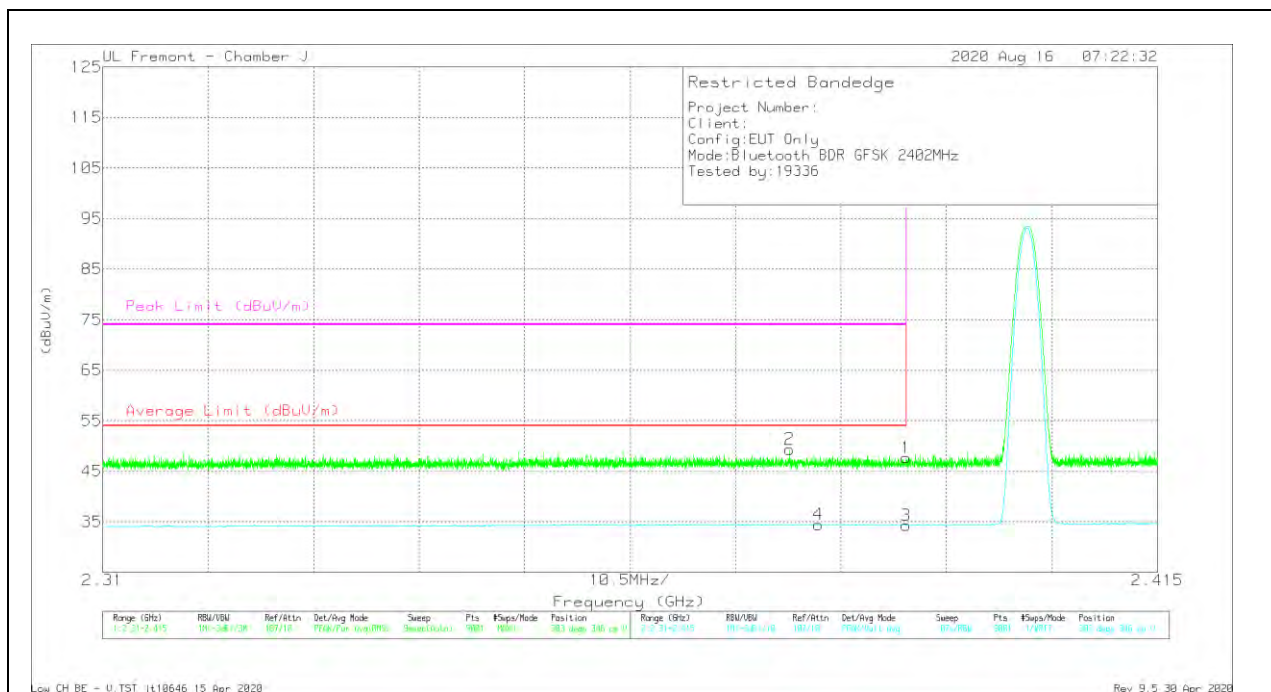
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	43.24	PK	29	-25.5	46.74	-	-	74	-27.26	159	127	H
2	* 2.38654	45.43	PK	29	-25.5	48.93	-	-	74	-25.07	159	127	H
3	* 2.38999	30.91	VA1T	29	-25.5	34.41	54	-19.59	-	-	159	127	H
4	* 2.38568	30.97	VA1T	29	-25.5	34.47	54	-19.53	-	-	159	127	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	AF T963 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.38999	44.22	Pk	29	-25.5	47.72	-	-	74	-26.28	303	346	V
2	* 2.37838	45.86	Pk	29	-25.5	49.36	-	-	74	-24.64	303	346	V
3	* 2.38999	30.83	VA1T	29	-25.5	34.33	54	-19.67	-	-	303	346	V
4	* 2.38125	30.96	VA1T	29	-25.5	34.46	54	-19.54	-	-	303	346	V

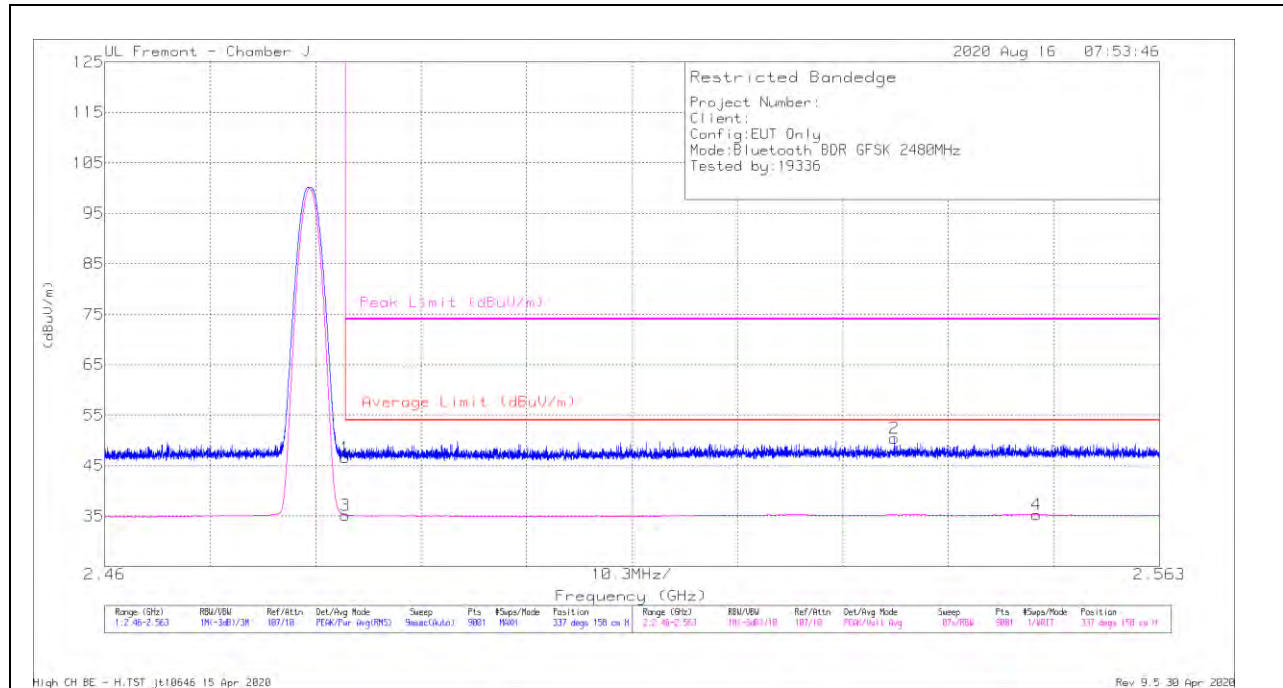
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



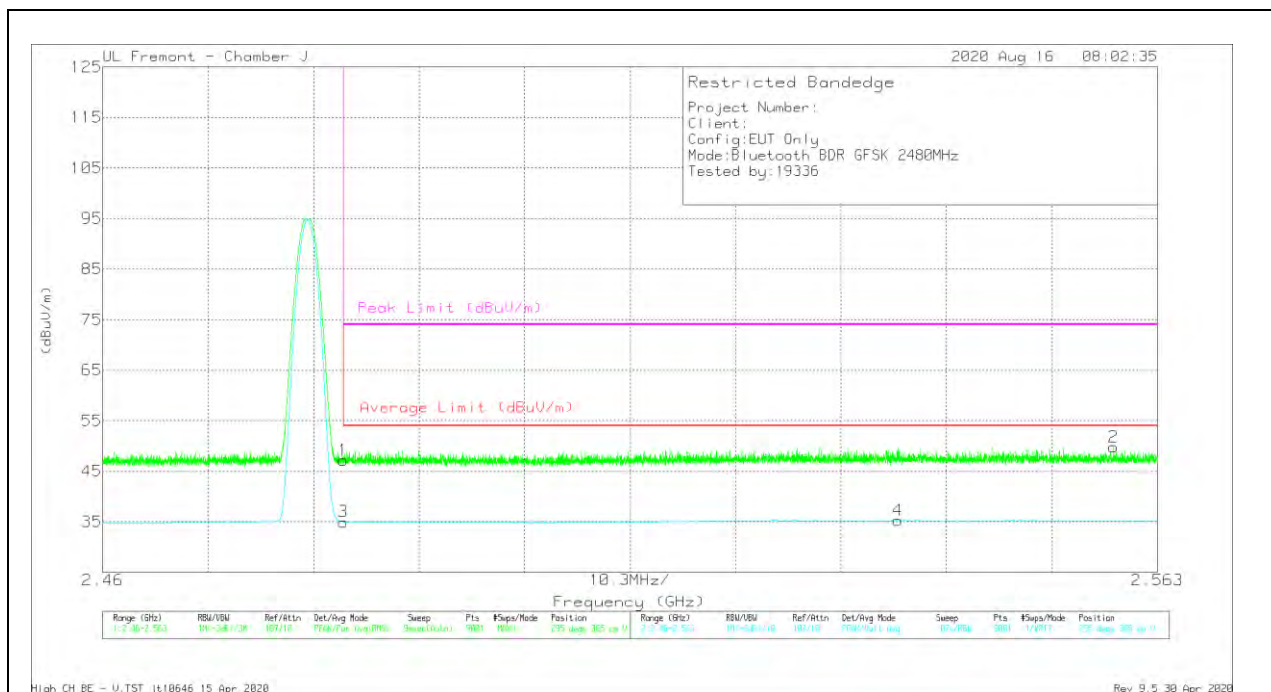
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/CbI/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	42.59	Pk	29.5	-25.5	46.59	-	-	74	-27.41	337	158	H
2	2.53713	46.02	Pk	29.8	-25.4	50.42	-	-	74	-23.58	337	158	H
3	* 2.48351	31.16	VA1T	29.5	-25.5	35.16	54	-18.84	-	-	337	158	H
4	2.55098	30.79	VA1T	29.9	-25.4	35.29	54	-18.71	-	-	337	158	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	AF T963 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.14	Pk	29.5	-25.5	47.14	-	-	74	-26.86	295	365	V
2	2.5587	45.35	Pk	29.8	-25.4	49.75	-	-	74	-24.25	295	365	V
3	* 2.48351	30.96	VA1T	29.5	-25.5	34.96	54	-19.04	-	-	295	365	V
4	2.53765	30.86	VA1T	29.8	-25.4	35.26	54	-18.74	-	-	295	365	V

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

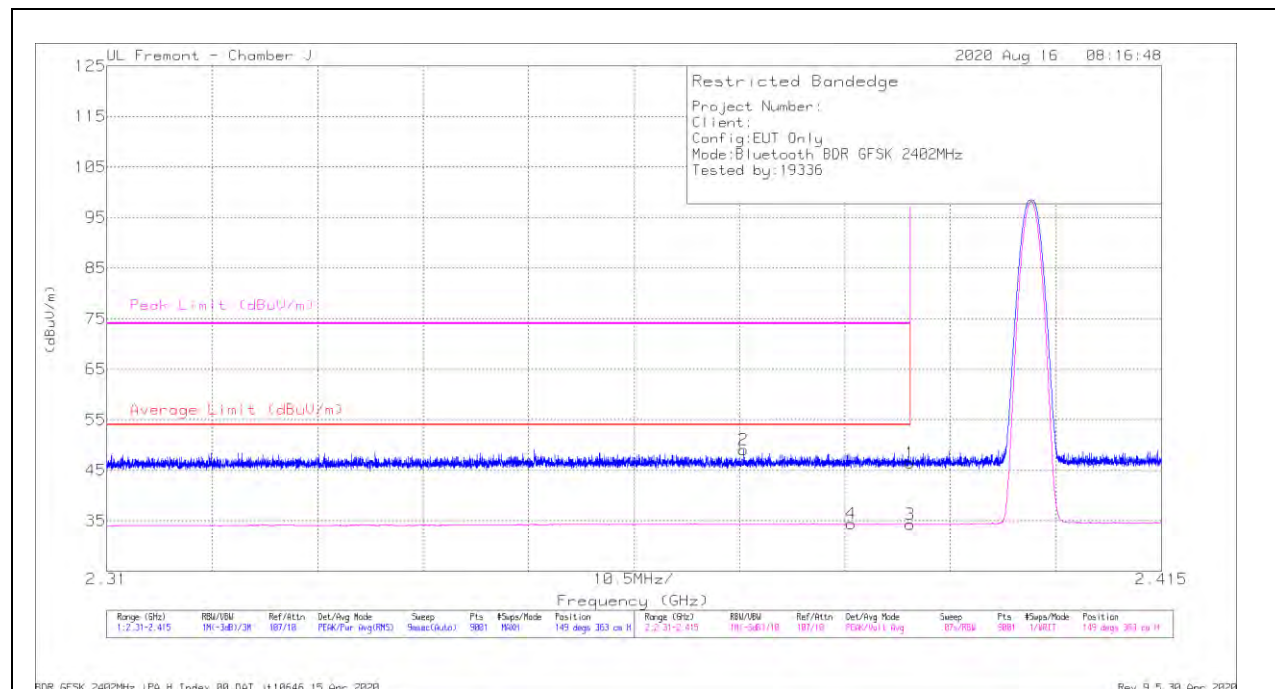
Pk - Peak detector

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

ANT 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT963 (dB/m)	Amp/Cbl/FitriPa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	42.92	Pk	29	-25.5	46.42	-	-	74	-27.58	149	363	H
2	* 2.3734	45.6	Pk	29	-25.5	49.1	-	-	74	-24.9	149	363	H
3	* 2.38999	30.78	VA1T	29	-25.5	34.28	54	-19.72	-	-	149	363	H
4	* 2.38411	30.86	VA1T	29	-25.5	34.36	54	-19.64	-	-	149	363	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

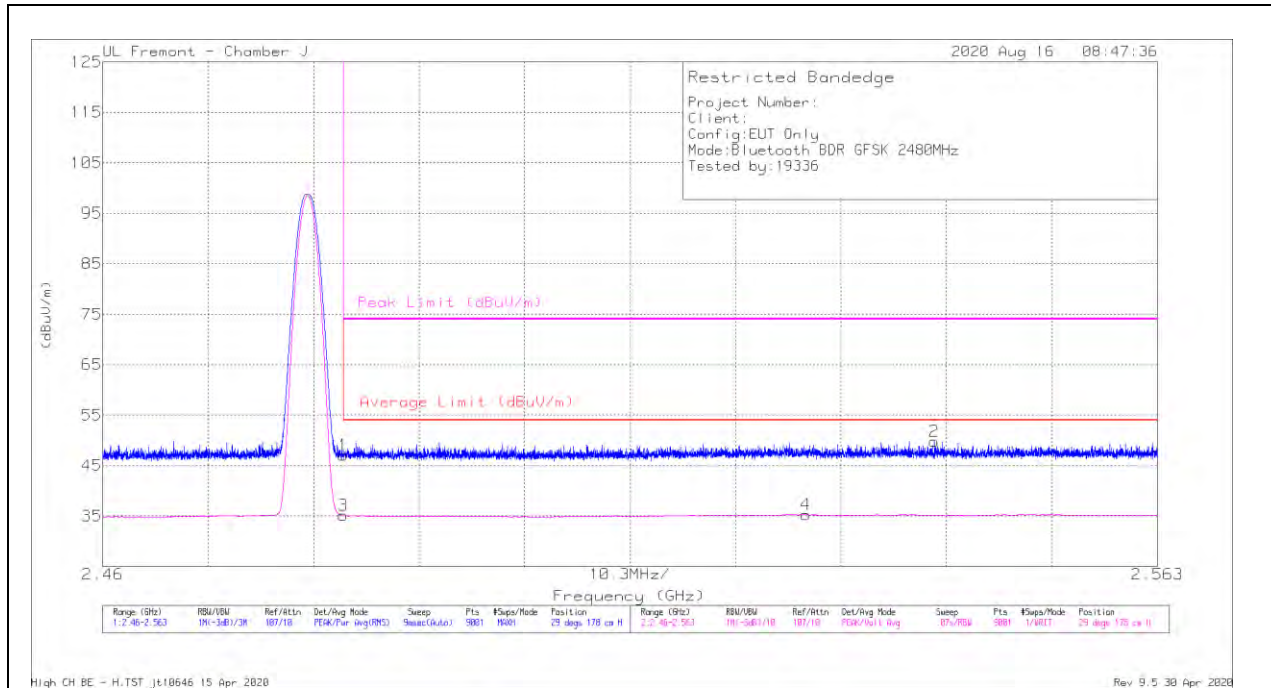
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Readg (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	43.4	Pk	29	-25.5	46.9	-	-	74	-27.1	105	363	V
2	* 2.35296	45.52	Pk	28.9	-25.5	48.92	-	-	74	-25.08	105	363	V
3	* 2.38999	30.73	VA1T	29	-25.5	34.23	54	-19.77	-	-	105	363	V
4	* 2.38045	30.88	VA1T	29	-25.5	34.38	54	-19.62	-	-	105	363	V

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



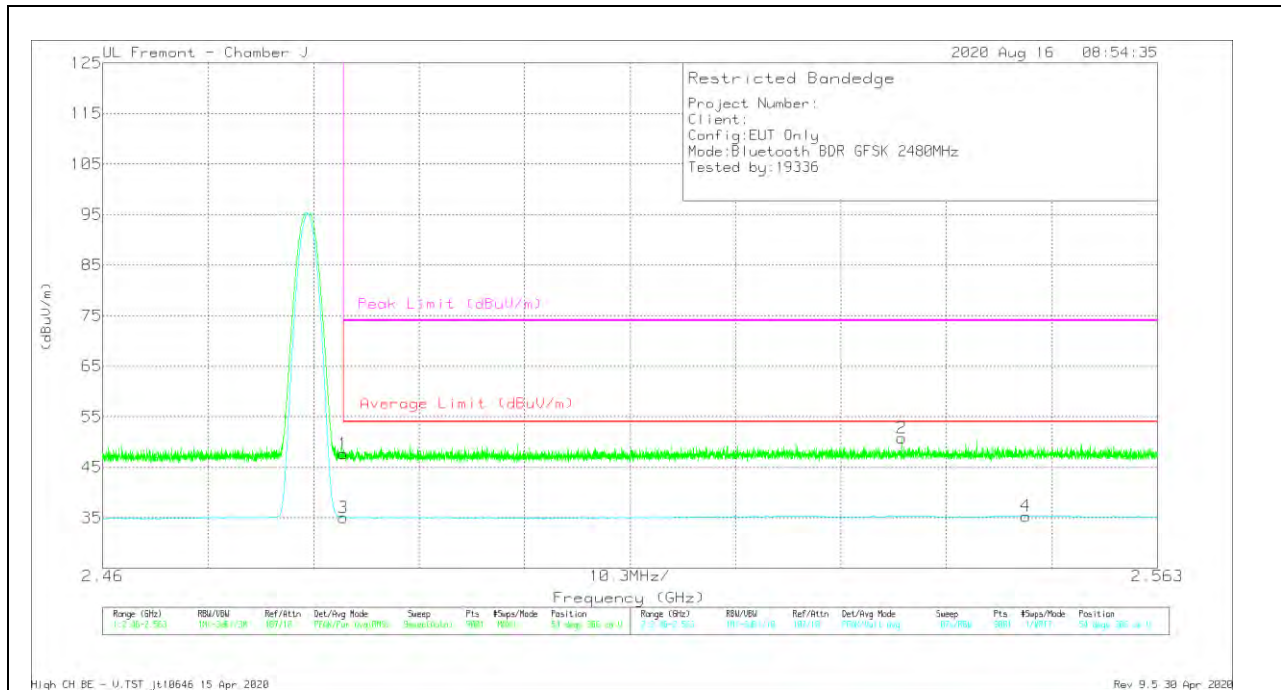
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbll/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.02	Pk	29.5	-25.5	47.02	-	-	74	-26.98	29	178	H
2	2.54123	45.42	Pk	29.8	-25.4	49.82	-	-	74	-24.18	29	178	H
3	* 2.48351	31.09	VA1T	29.5	-25.5	35.09	54	-18.91	-	-	29	178	H
4	2.52866	30.88	VA1T	29.8	-25.4	35.28	54	-18.72	-	-	29	178	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	AF T963 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.48351	43.69	Pk	29.5	-25.5	47.69	-	-	74	-26.31	54	366	V
2	2.53801	46.26	Pk	29.9	-25.4	50.76	-	-	74	-23.24	54	366	V
3	* 2.48351	31.02	VA1T	29.5	-25.5	35.02	54	-18.98	-	-	54	366	V
4	2.55016	30.83	VA1T	29.9	-25.4	35.33	54	-18.67	-	-	54	366	V

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

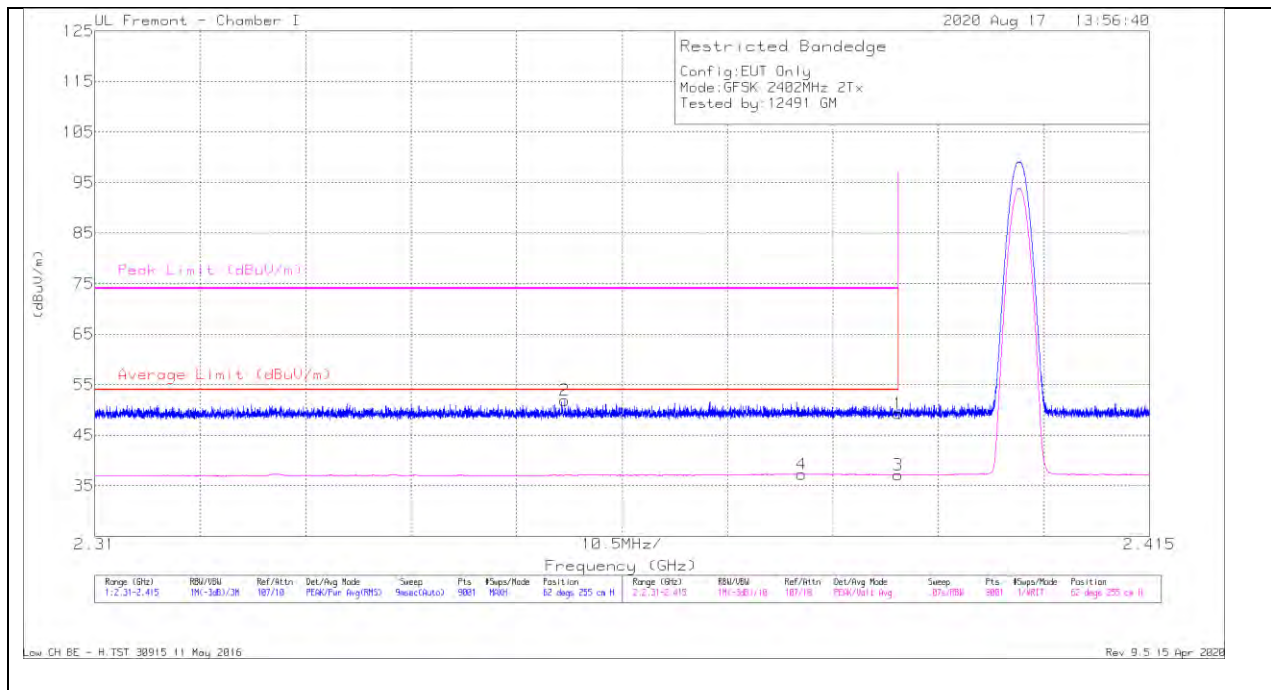
Pk - Peak detector

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

10.1.6. LOW POWER BASIC DATA RATE TXBF GFSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



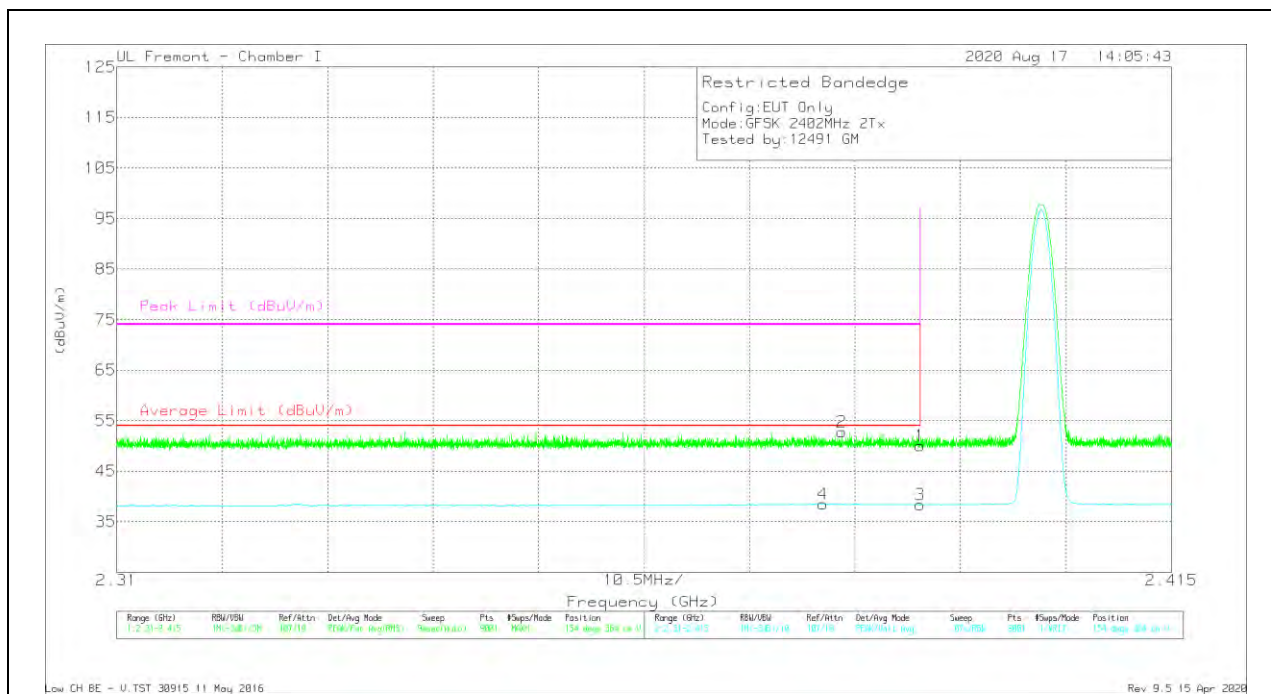
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	34.6	Pk	32	-17.3	49.3	-	-	74	-24.7	62	255	H
2	* 2.35677	37.43	Pk	31.8	-17.3	51.93	-	-	74	-22.07	62	255	H
3	* 2.38999	22.44	VA1T	32	-17.3	37.14	54	-16.86	-	-	62	255	H
4	* 2.38034	22.59	VA1T	32	-17.3	37.29	54	-16.71	-	-	62	255	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

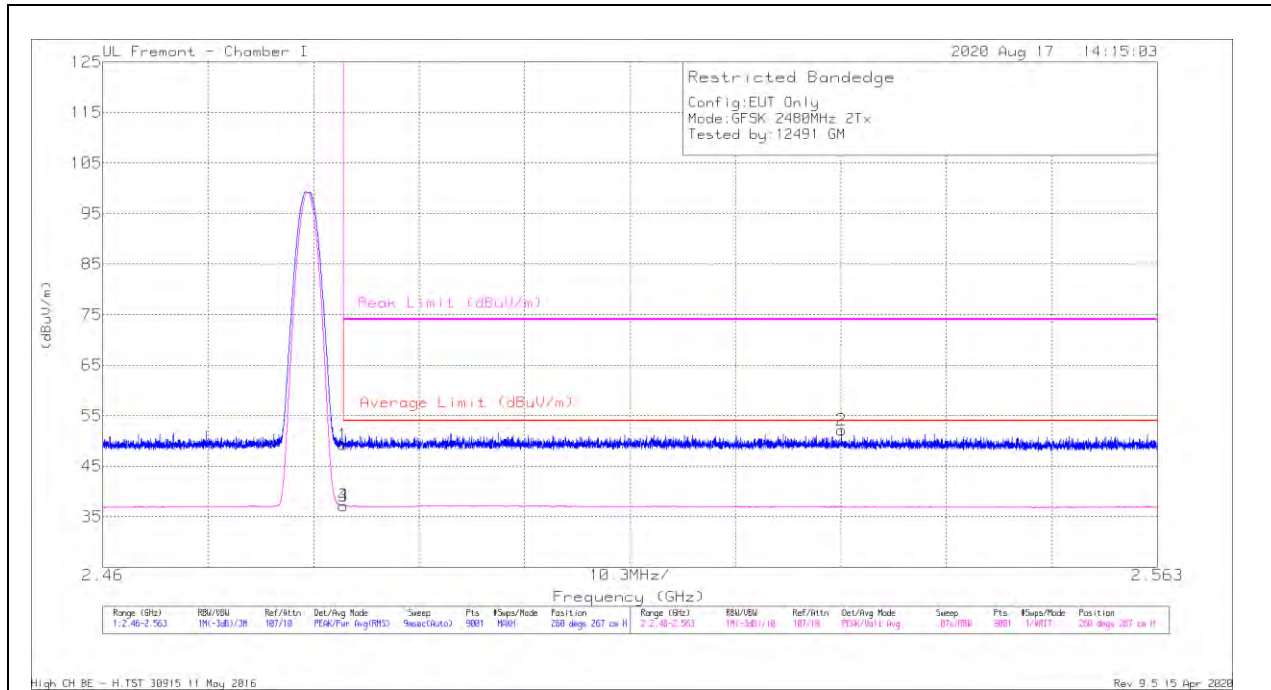


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	35.34	Pk	32	-17.3	50.04	-	-	74	-23.96	154	364	V
2	* 2.38218	38.11	Pk	32	-17.3	52.81	-	-	74	-21.19	154	364	V
3	* 2.38999	23.63	VA1T	32	-17.3	38.33	54	-15.67	-	-	154	364	V
4	* 2.38029	23.79	VA1T	32	-17.3	38.49	54	-15.51	-	-	154	364	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**

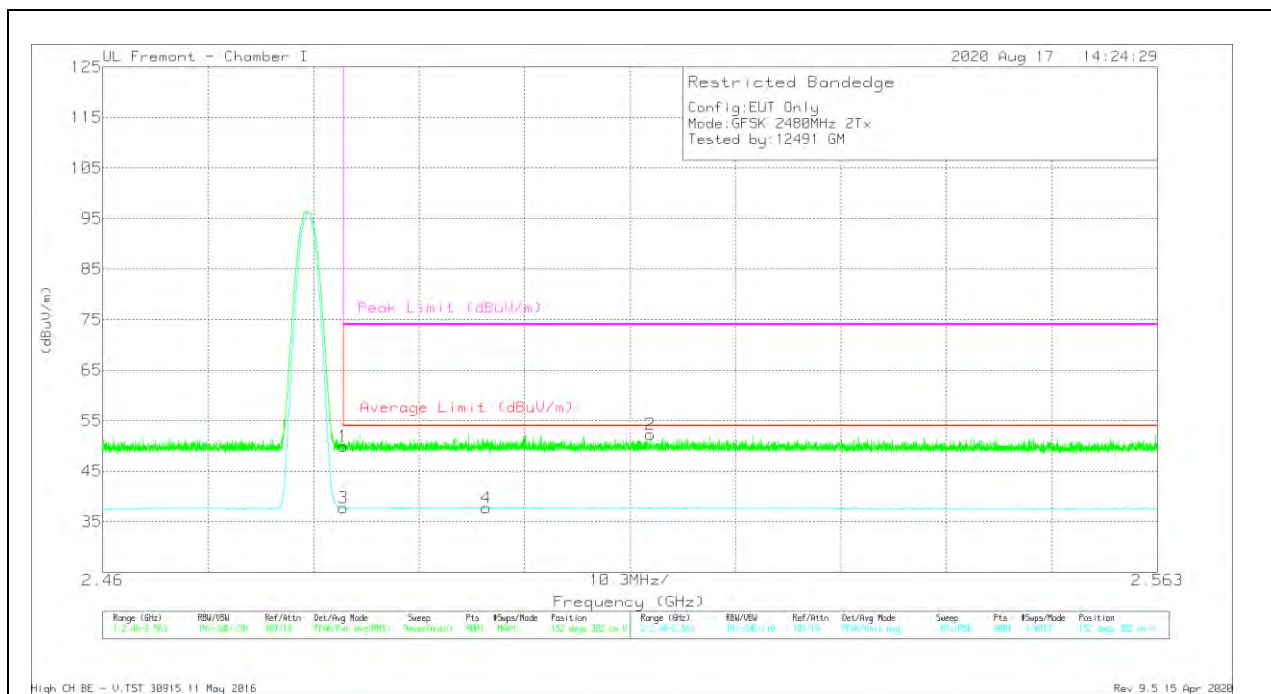
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbll/Filtr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	34.61	Pk	32.4	-17.7	49.31	-	-	74	-24.69	260	267	H
2	2.53215	37.5	Pk	32.4	-17.8	52.1	-	-	74	-21.9	260	267	H
3	* 2.48351	22.49	VA1T	32.4	-17.7	37.19	54	-16.81	-	-	260	267	H
4	* 2.48352	22.49	VA1T	32.4	-17.7	37.19	54	-16.81	-	-	260	267	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	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.48351	35.2	Pk	32.4	-17.7	49.9	-	-	74	-24.1	152	382	V
2	2.51349	37.55	Pk	32.5	-17.8	52.25	-	-	74	-21.75	152	382	V
3	* 2.48351	23	VA1T	32.4	-17.7	37.7	54	-16.3	-	-	152	382	V
4	* 2.49744	23.09	VA1T	32.5	-17.8	37.79	54	-16.21	-	-	152	382	V

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

Pk - Peak detector

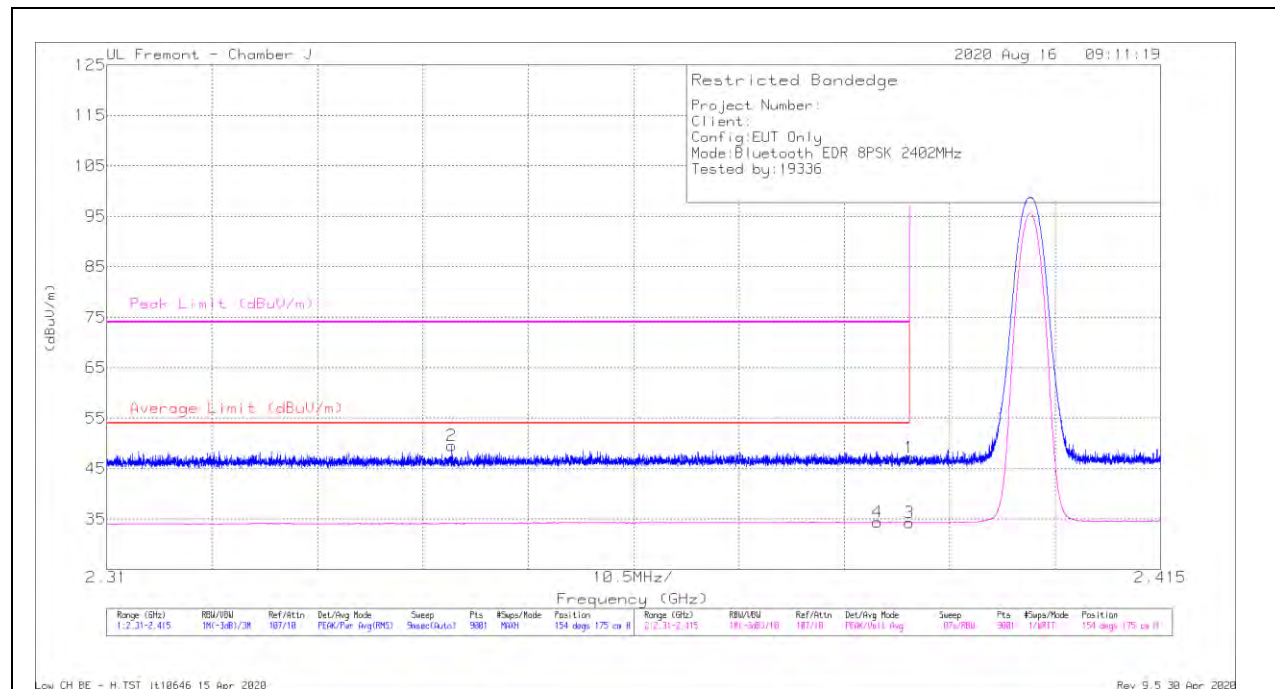
VA1T - FHSS: Linear Voltage Average VB=1/Ton where: Ton is transmit duration

10.1.7. LOW POWER ENHANCED DATA RATE 8PSK MODULATION

ANT 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



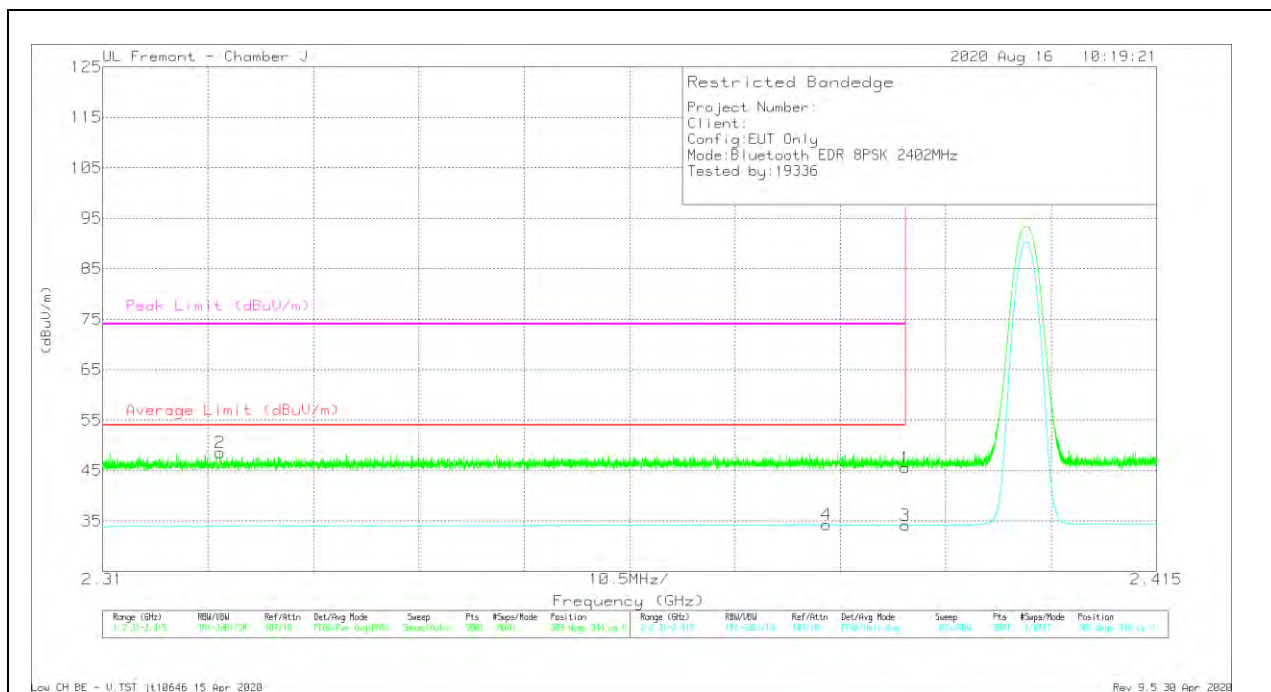
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/CbI/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	43.63	Pk	29	-25.5	47.13	-	-	74	-26.87	154	175	H
2	* 2.34439	46.22	Pk	28.9	-25.6	49.52	-	-	74	-24.48	154	175	H
3	* 2.38999	30.79	VA1T	29	-25.5	34.29	54	-19.71	-	-	154	175	H
4	* 2.3866	30.86	VA1T	29	-25.5	34.36	54	-19.64	-	-	154	175	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	AF T963 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	42.05	Pk	29	-25.5	45.55	-	-	74	-28.45	309	344	V
2	* 2.32169	45.32	Pk	28.8	-25.6	48.52	-	-	74	-25.48	309	344	V
3	* 2.38999	30.63	VA1T	29	-25.5	34.13	54	-19.87	-	-	309	344	V
4	* 2.3821	30.77	VA1T	29	-25.5	34.27	54	-19.73	-	-	309	344	V

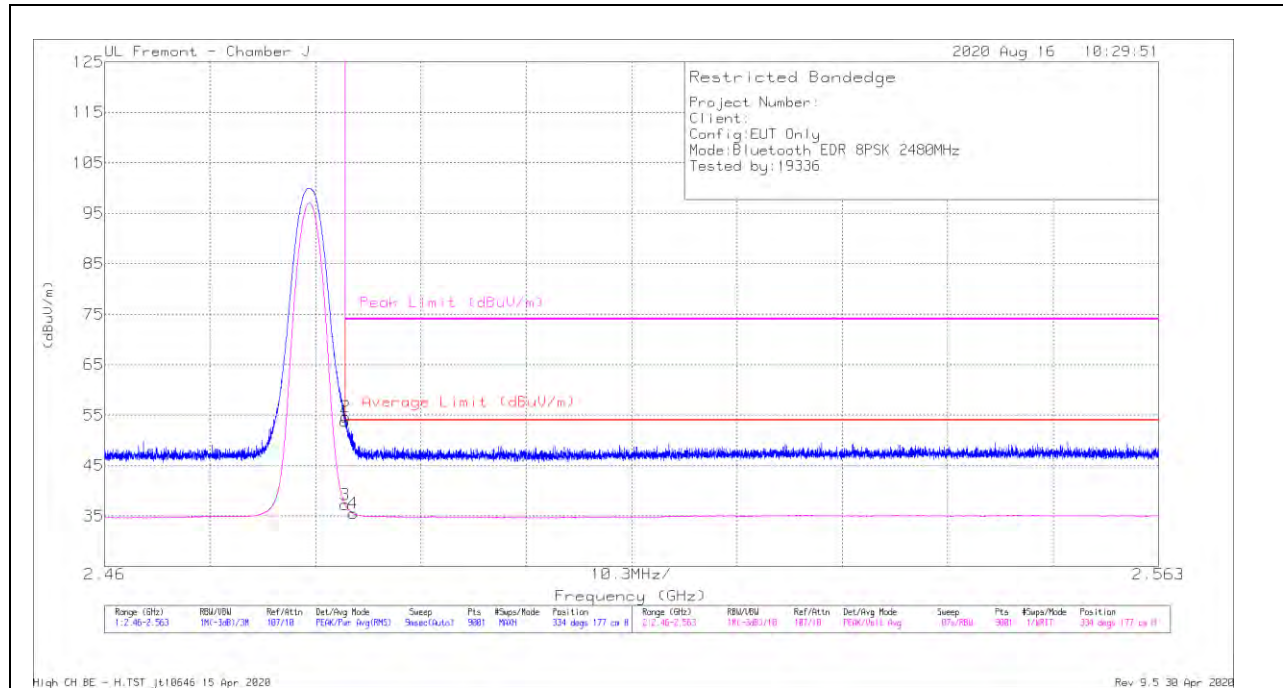
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



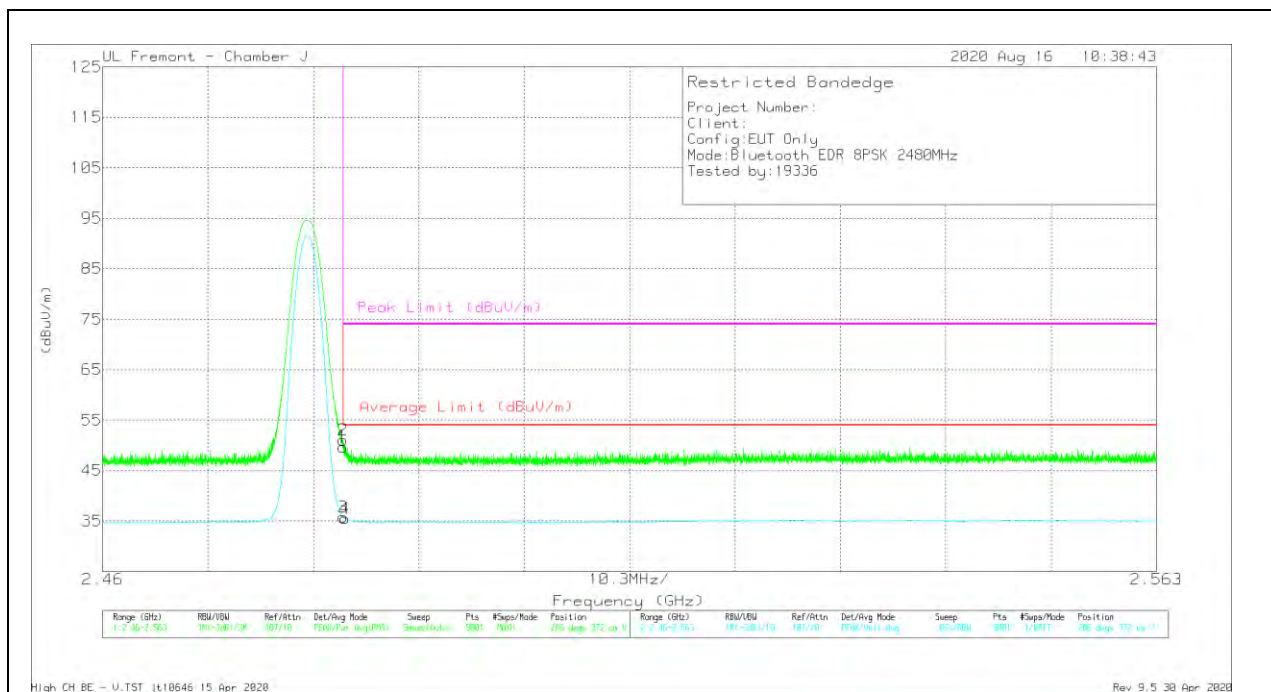
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dogs)	Height (cm)	Polarity
1	* 2.48351	49.78	Pk	29.5	-25.5	53.78	-	-	74	-20.22	334	177	H
2	* 2.48353	50.69	Pk	29.5	-25.5	54.69	-	-	74	-19.31	334	177	H
3	* 2.48351	33.2	VA1T	29.5	-25.5	37.2	54	-16.8	-	-	334	177	H
4	* 2.48426	31.52	VA1T	29.5	-25.5	35.52	54	-18.48	-	-	334	177	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	AF T963 (dB/m)	Amp/CbI/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.48351	45.65	Pk	29.5	-25.5	49.65	-	-	74	-24.35	286	372	V
2	* 2.48352	47.06	Pk	29.5	-25.5	51.06	-	-	74	-22.94	286	372	V
3	* 2.48351	31.78	VA1T	29.5	-25.5	35.78	54	-18.22	-	-	286	372	V
4	* 2.48367	31.53	VA1T	29.5	-25.5	35.53	54	-18.47	-	-	286	372	V

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

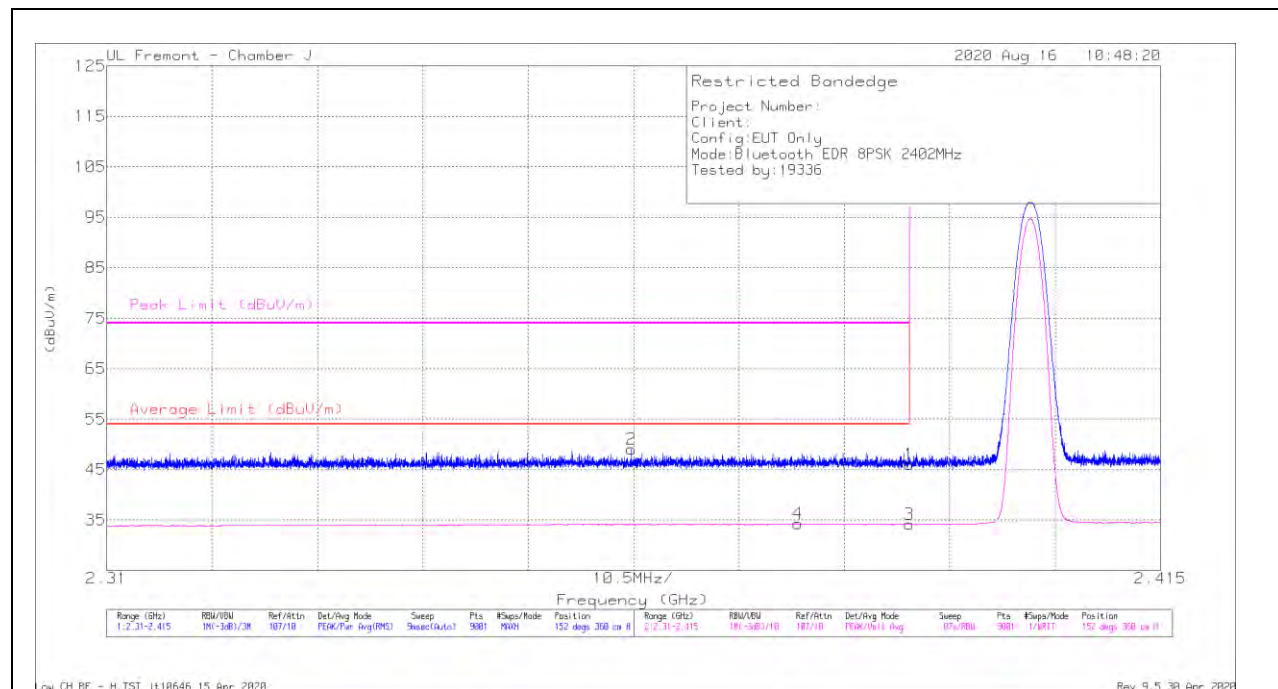
Pk - Peak detector

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

ANT 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



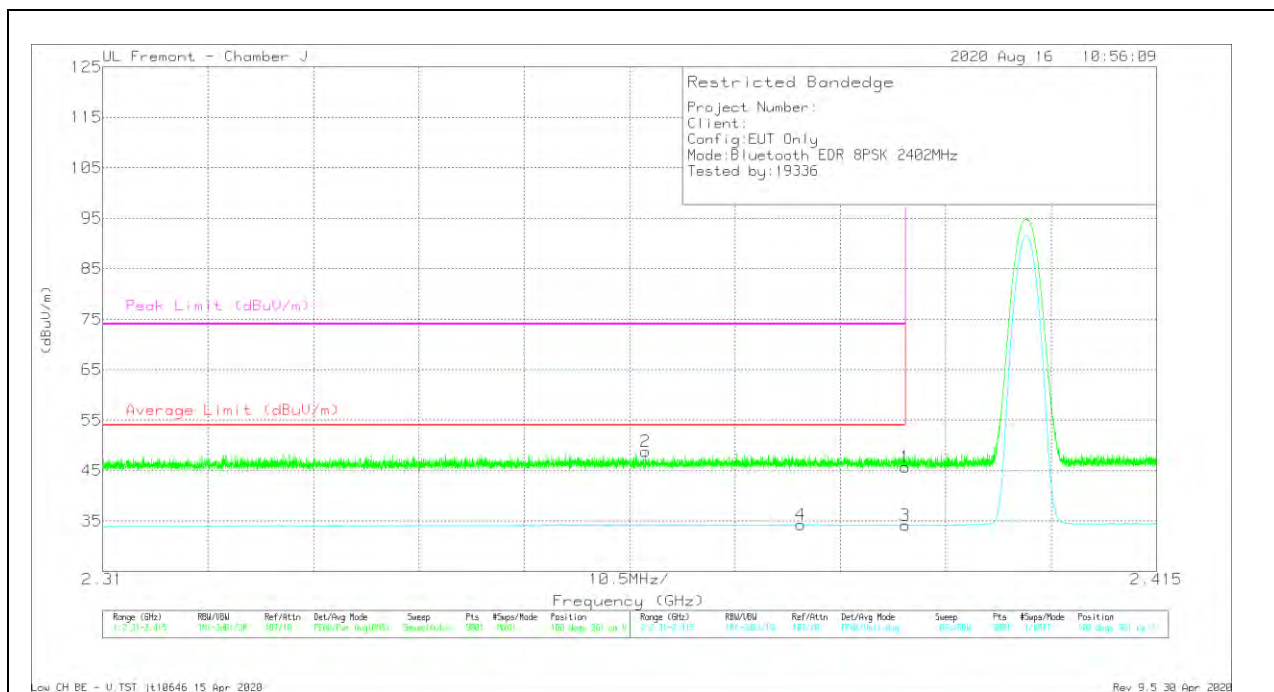
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/Cbl/FitriPa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 2.38999	42.54	Pk	29	-25.5	46.04	-	-	74	-27.96	152	360	H
2	* 2.36228	45.58	Pk	29	-25.5	49.08	-	-	74	-24.92	152	360	H
3	* 2.38999	30.64	VA1T	29	-25.5	34.14	54	-19.86	-	-	152	360	H
4	* 2.37888	30.72	VA1T	29	-25.5	34.22	54	-19.78	-	-	152	360	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	AF T963 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	42.15	Pk	29	-25.5	45.65	-	-	74	-28.35	100	361	V
2	* 2.36409	45.27	Pk	29	-25.5	48.77	-	-	74	-25.23	100	361	V
3	* 2.38999	30.69	VA1T	29	-25.5	34.19	54	-19.81	-	-	100	361	V
4	* 2.37958	30.78	VA1T	29	-25.5	34.28	54	-19.72	-	-	100	361	V

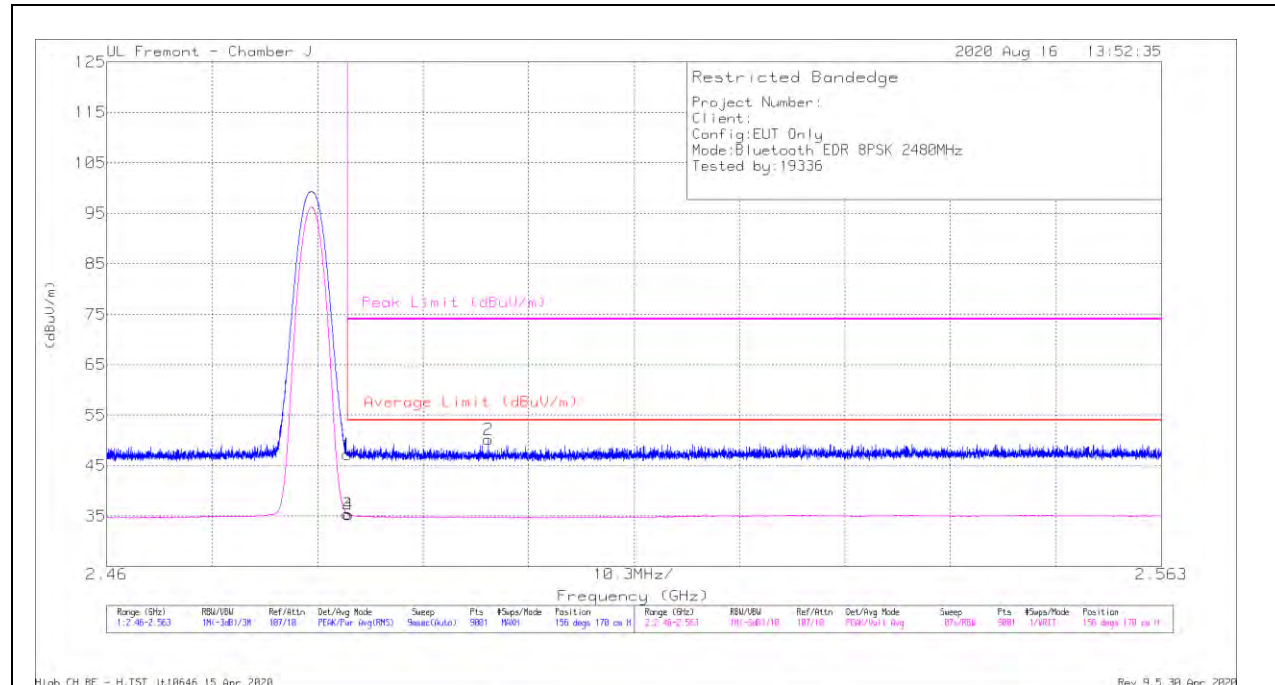
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



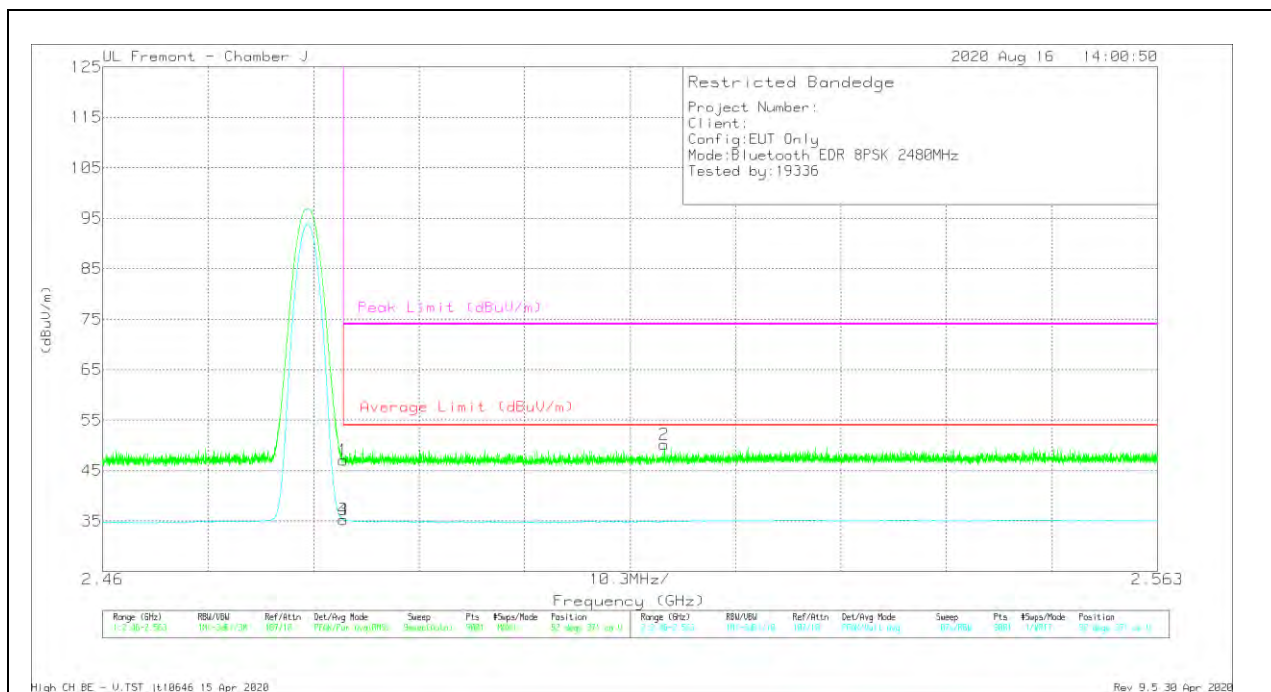
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T963 (dB/m)	Amp/CbI/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.24	Pk	29.5	-25.5	47.24	-	-	74	-26.76	156	170	H
2	* 2.49727	46.06	Pk	29.6	-25.5	50.16	-	-	74	-23.84	156	170	H
3	* 2.48351	31.4	VA1T	29.5	-25.5	35.4	54	-18.6	-	-	156	170	H
4	* 2.48364	31.29	VA1T	29.5	-25.5	35.29	54	-18.71	-	-	156	170	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	AF T963 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	43.11	Pk	29.5	-25.5	47.11	-	-	74	-26.89	92	371	V
2	2.51485	45.92	Pk	29.7	-25.5	50.12	-	-	74	-23.88	92	371	V
3	* 2.48351	31.22	VA1T	29.5	-25.5	35.22	54	-18.78	-	-	92	371	V
4	* 2.48352	31.22	VA1T	29.5	-25.5	35.22	54	-18.78	-	-	92	371	V

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

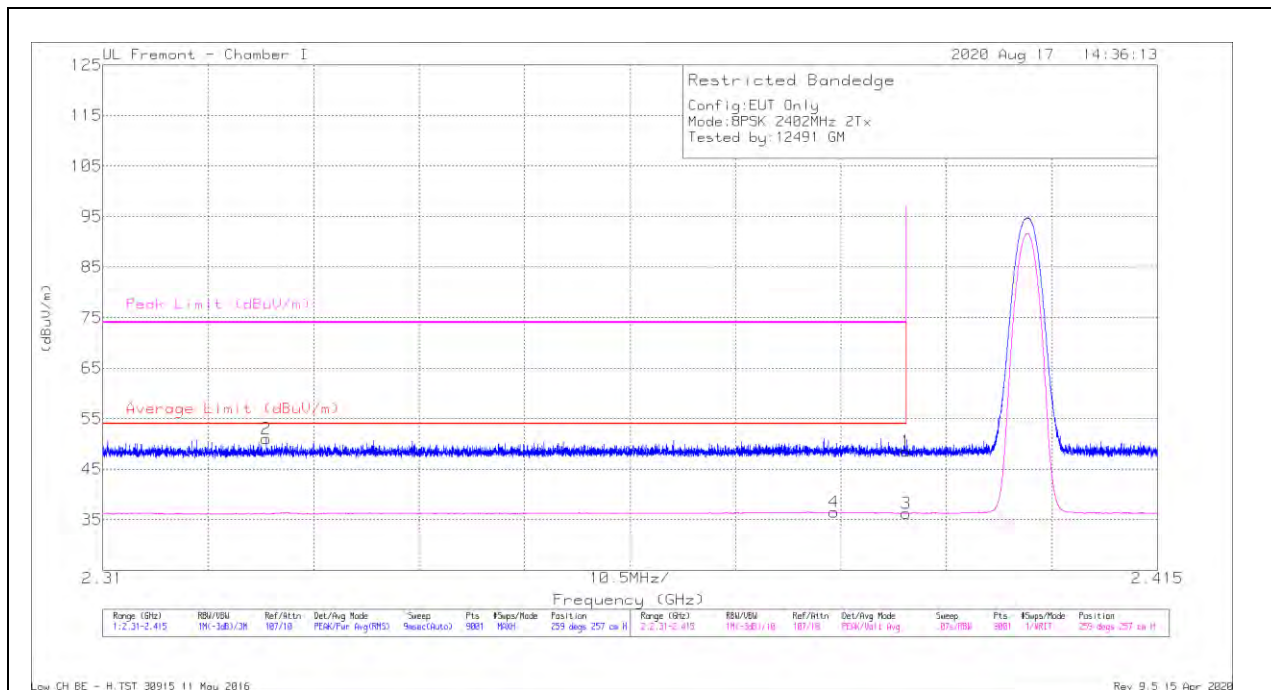
Pk - Peak detector

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

10.1.8. LOW POWER ENHANCED DATA RATE TXBF 8PSK MODULATION

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



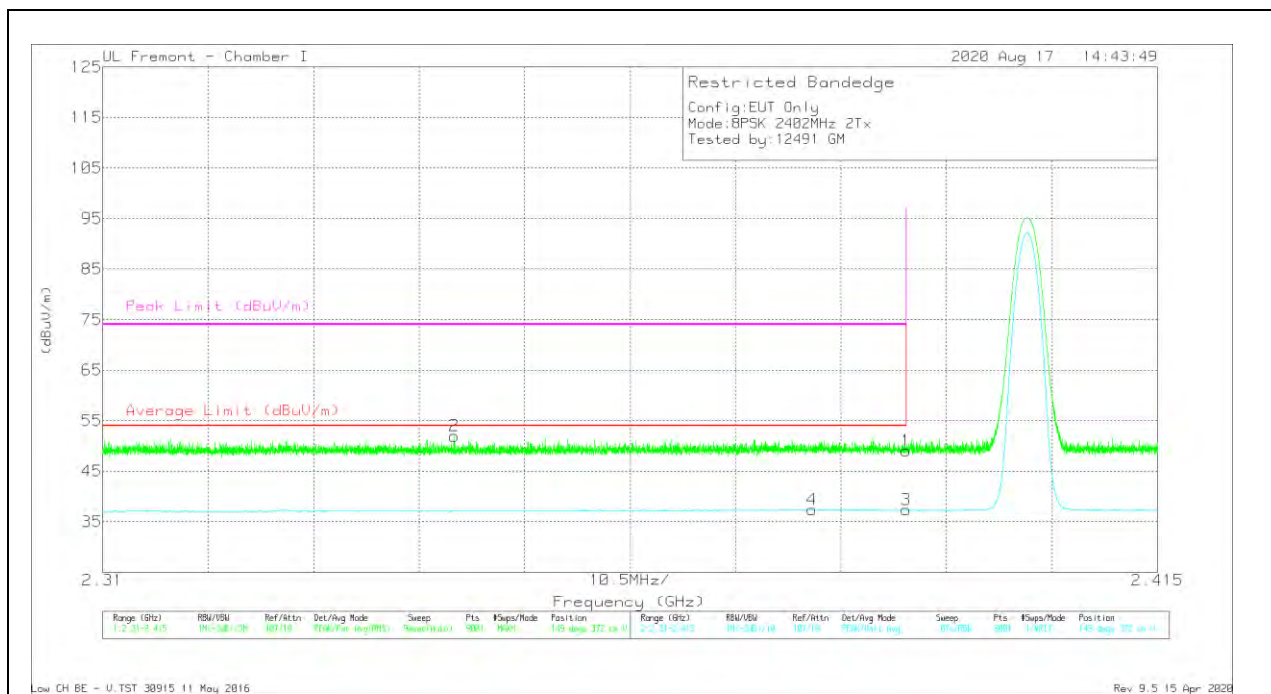
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38999	33.86	Pk	32	-17.3	48.56	-	-	74	-25.44	259	257	H
2	* 2.32628	36.52	Pk	31.7	-17.2	51.02	-	-	74	-22.98	259	257	H
3	* 2.38999	21.59	VA1T	32	-17.3	36.29	54	-17.71	-	-	259	257	H
4	* 2.38283	21.79	VA1T	32	-17.3	36.49	54	-17.51	-	-	259	257	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	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dega)	Height (cm)	Polarity
1	* 2.38999	34.35	Pk	32	-17.3	49.05	-	-	74	-24.95	149	372	V
2	* 2.34502	37.37	Pk	31.8	-17.2	51.97	-	-	74	-22.03	149	372	V
3	* 2.38999	22.63	VA1T	32	-17.3	37.33	54	-16.67	-	-	149	372	V
4	* 2.38061	22.71	VA1T	32	-17.3	37.41	54	-16.59	-	-	149	372	V

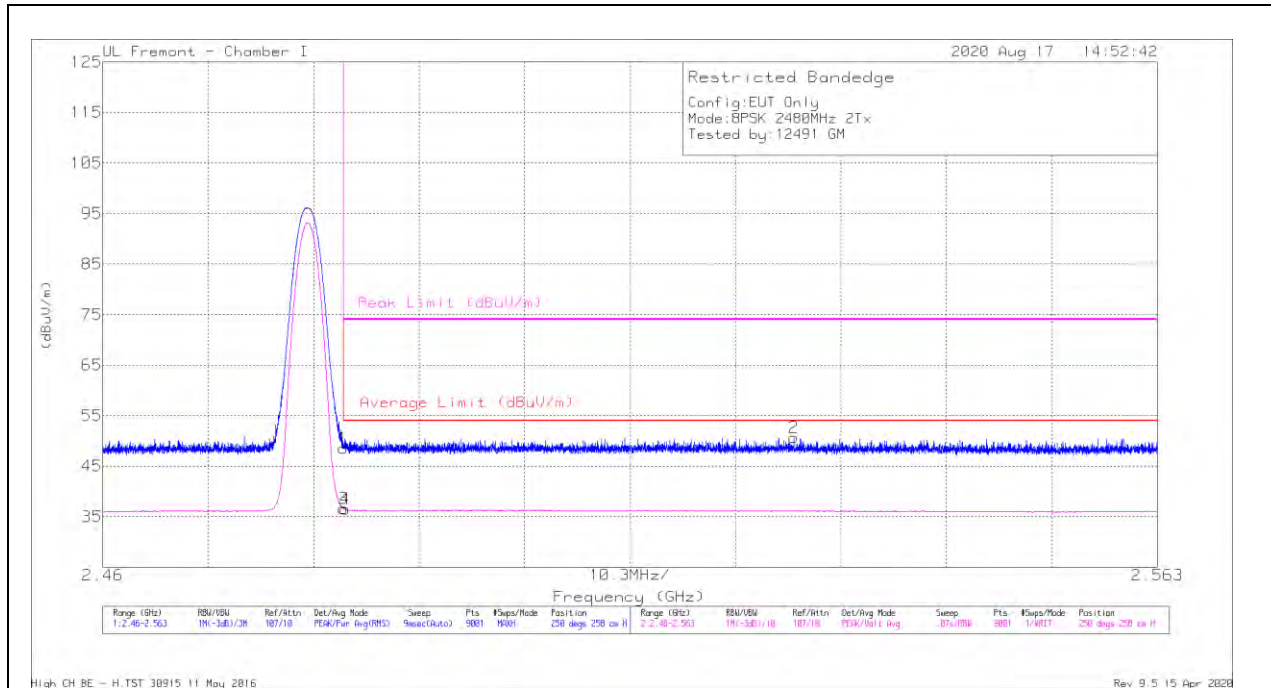
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



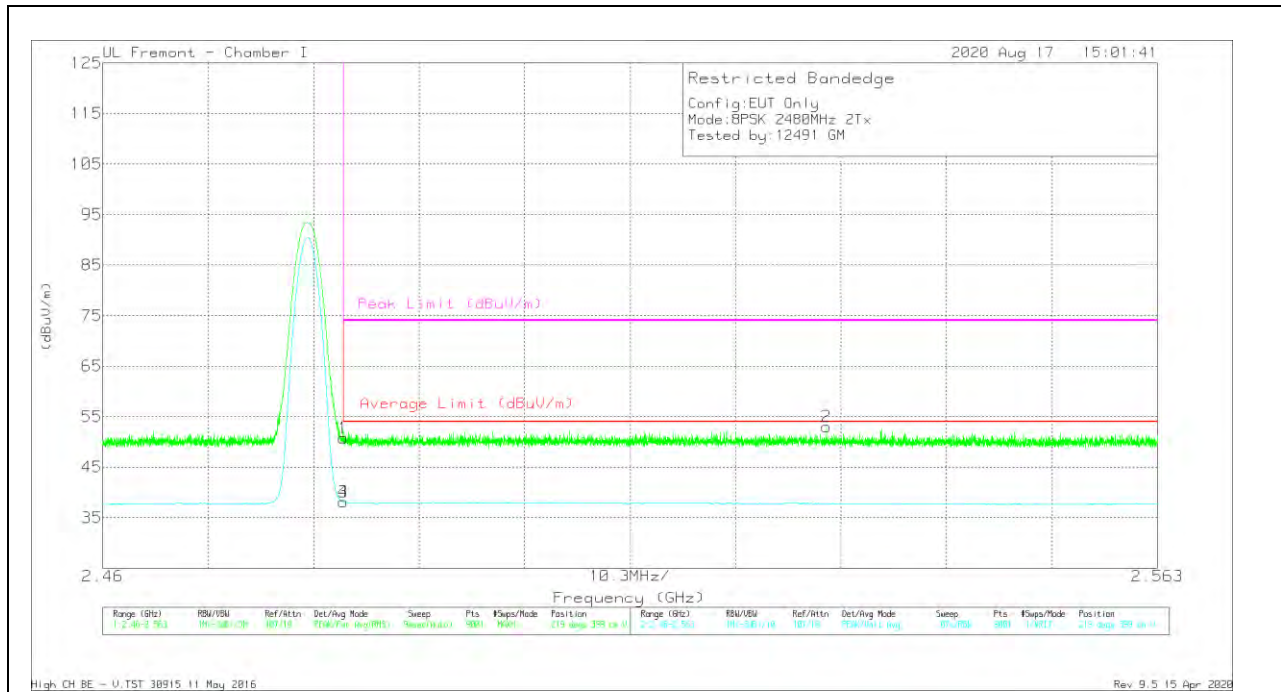
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbll/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48351	33.87	Pk	32.4	-17.7	48.57	-	-	74	-25.43	250	258	H
2	2.5275	36.01	Pk	32.4	-17.8	50.61	-	-	74	-23.39	250	258	H
3	* 2.48351	21.95	VA1T	32.4	-17.7	36.65	54	-17.35	-	-	250	258	H
4	* 2.48367	21.76	VA1T	32.4	-17.7	36.46	54	-17.54	-	-	250	258	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	AF T346 (dB/m)	Amp/Cbl/FitriPa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Dega)	Height (cm)	Polarity
1	* 2.48351	36.06	Pk	32.4	-17.7	50.76	-	-	74	-23.24	219	399	V
2	2.53067	38.43	Pk	32.4	-17.8	53.03	-	-	74	-20.97	219	399	V
3	* 2.48351	23.37	VA1T	32.4	-17.7	38.07	54	-15.93	-	-	219	399	V
4	* 2.48352	23.37	VA1T	32.4	-17.7	38.07	54	-15.93	-	-	219	399	V

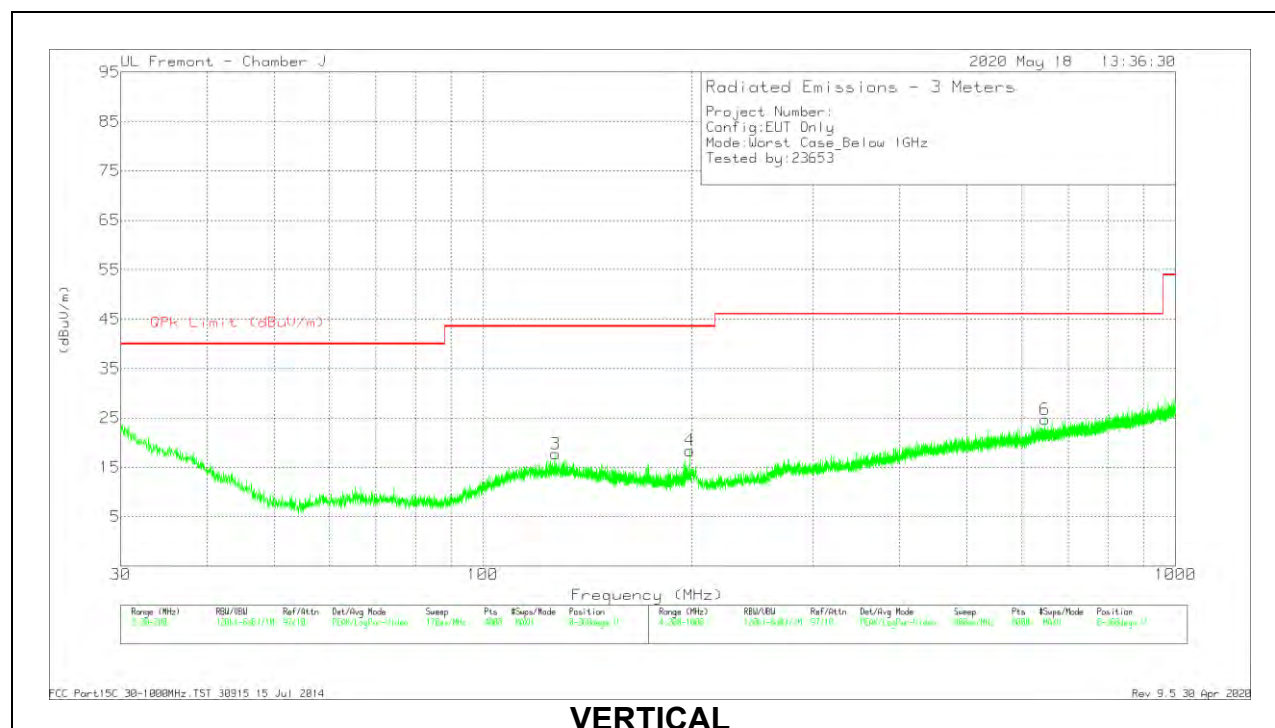
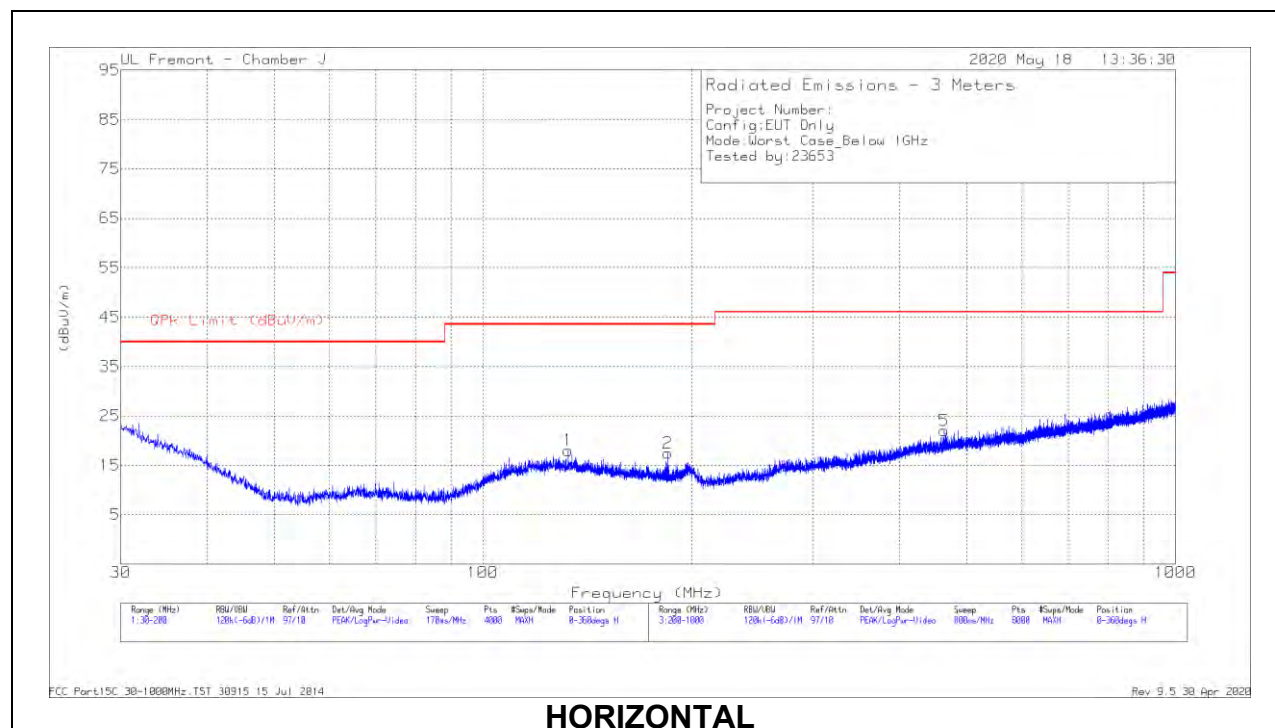
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

10.2. WORST CASE BELOW 1 GHZ

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



Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T899 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degr)	Height (cm)	Polarity
1	* 132.7916	29.35	Pk	19.5	-30.8	18.05	43.52	-25.47	0-360	196	H
2	184.8676	30.86	Pk	17.1	-30.5	17.46	43.52	-26.06	0-360	100	H
3	* 127.4777	29.08	Pk	19.6	-30.9	17.78	43.52	-25.74	0-360	100	V
4	198.7262	30.33	Pk	18.5	-30.4	18.43	43.52	-25.09	0-360	100	V
5	463.9343	28.59	Pk	23	-29.6	21.99	46.02	-24.03	0-360	299	H
6	647.6582	28.19	Pk	25.6	-29.1	24.69	46.02	-21.33	0-360	199	V

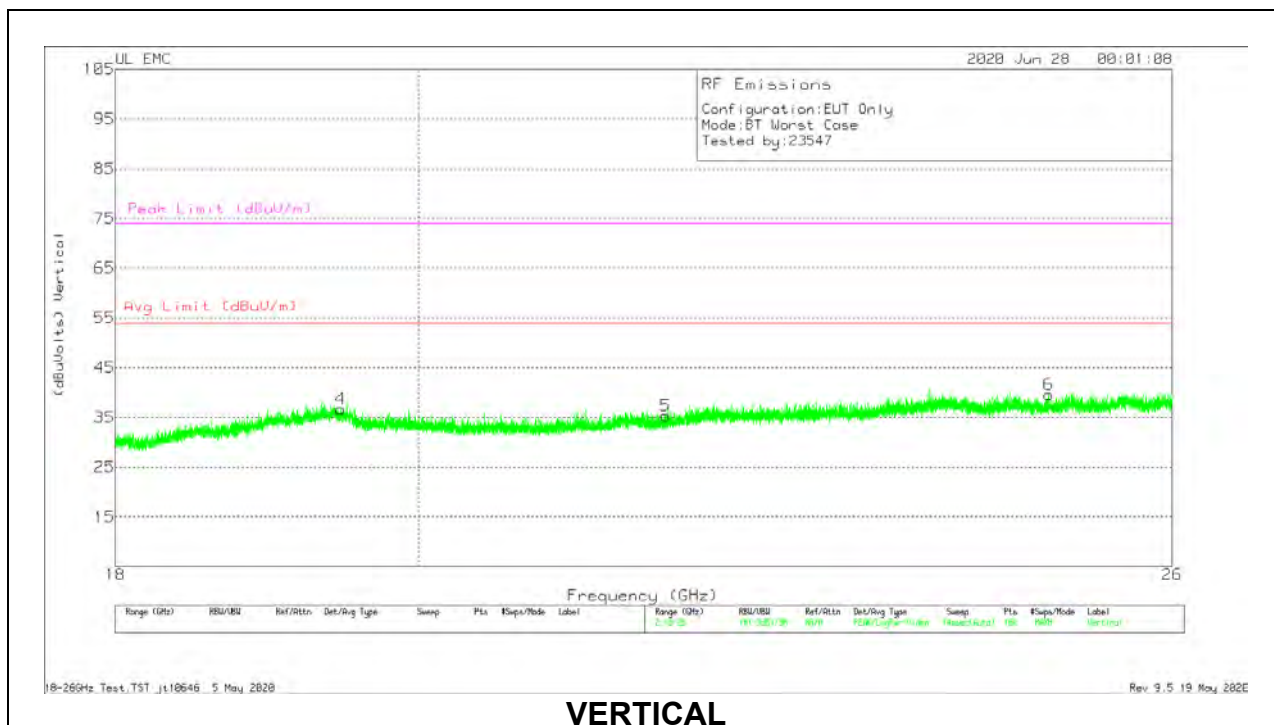
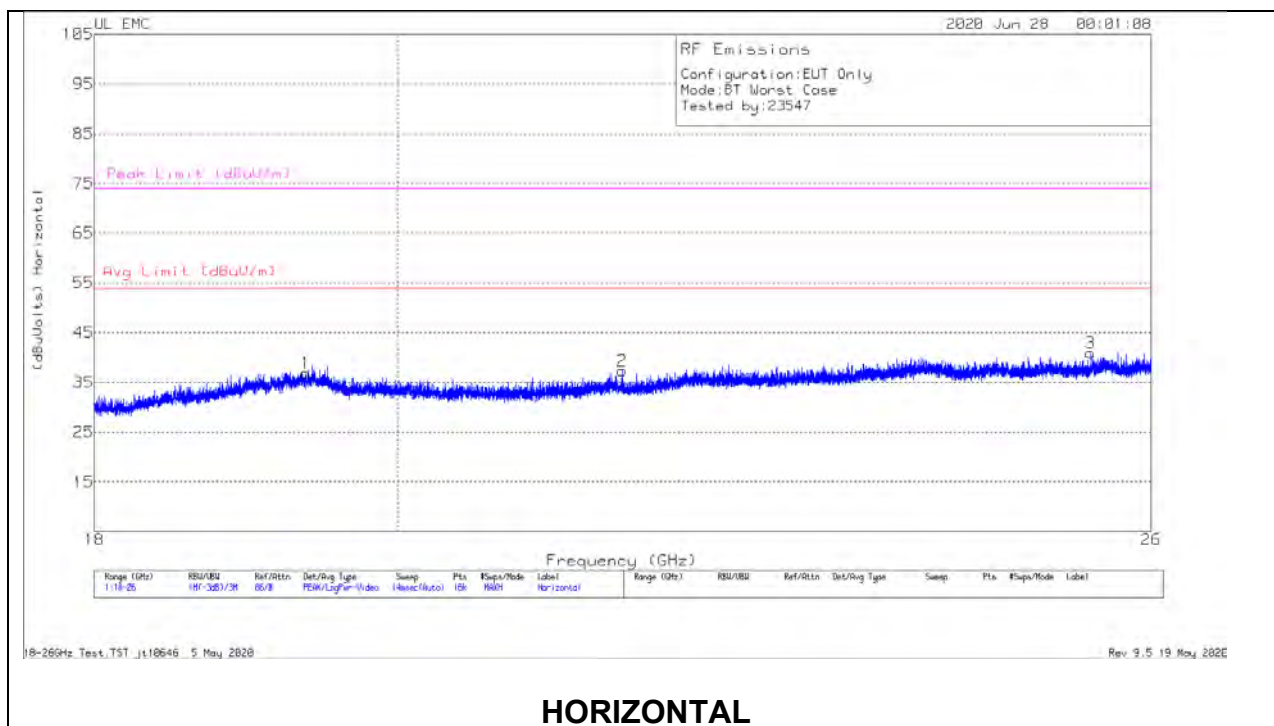
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

FCC Part15C 30-1000MHz.TST 30915 15 Jul 2014
Rev 9.5 30 Apr 2020

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	T125 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.37291	32.64	Pk	32.6	-18.9	-9.5	36.84	54	-17.16	74	-37.16
2	21.62828	34.23	Pk	33.2	-20.6	-9.5	37.33	54	-16.67	74	-36.67
3	25.45554	35.85	Pk	34.1	-19.5	-9.5	40.95	54	-13.05	74	-33.05
4	19.46741	32.42	Pk	32.8	-19	-9.5	36.72	54	-17.28	74	-37.28
5	21.79526	32.54	Pk	33.2	-20.9	-9.5	35.34	54	-18.66	74	-38.66
6	24.90657	34.39	Pk	34.3	-19.6	-9.5	39.59	54	-14.41	74	-34.41

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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.

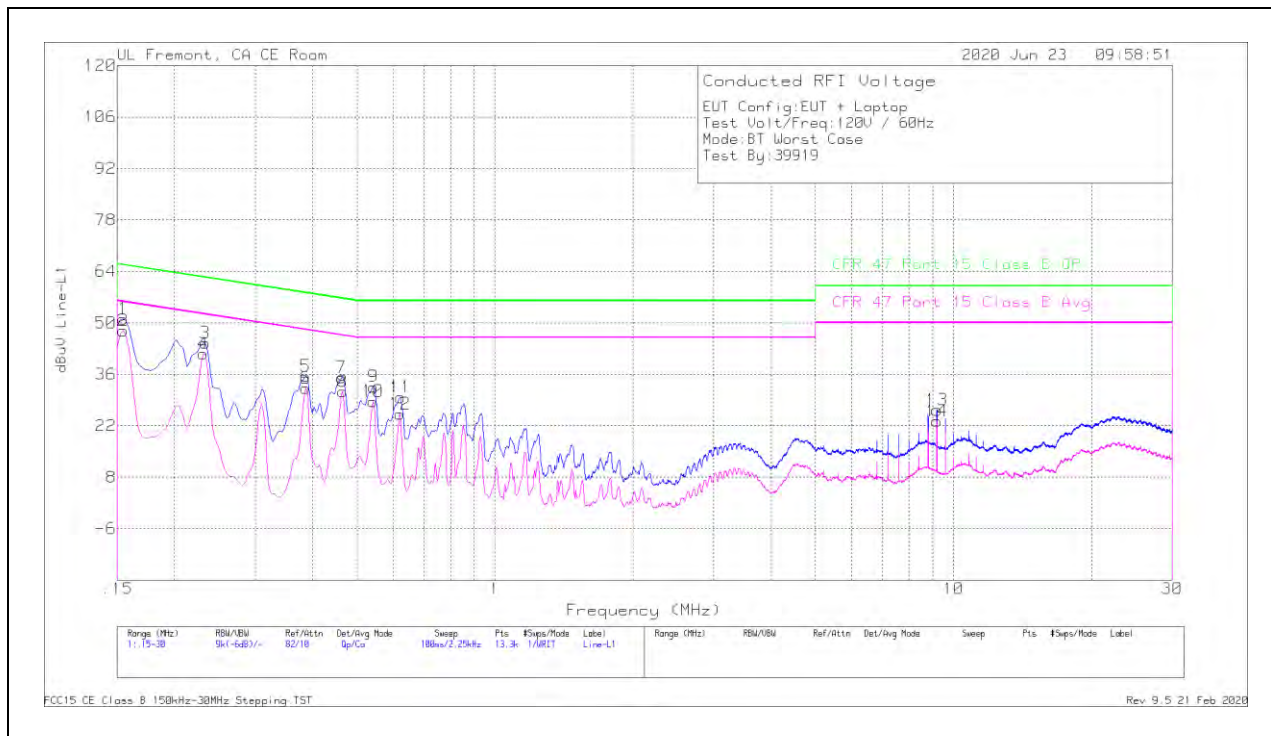
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1. AC POWER LINE WITH LAPTOP

LINE 1 RESULTS

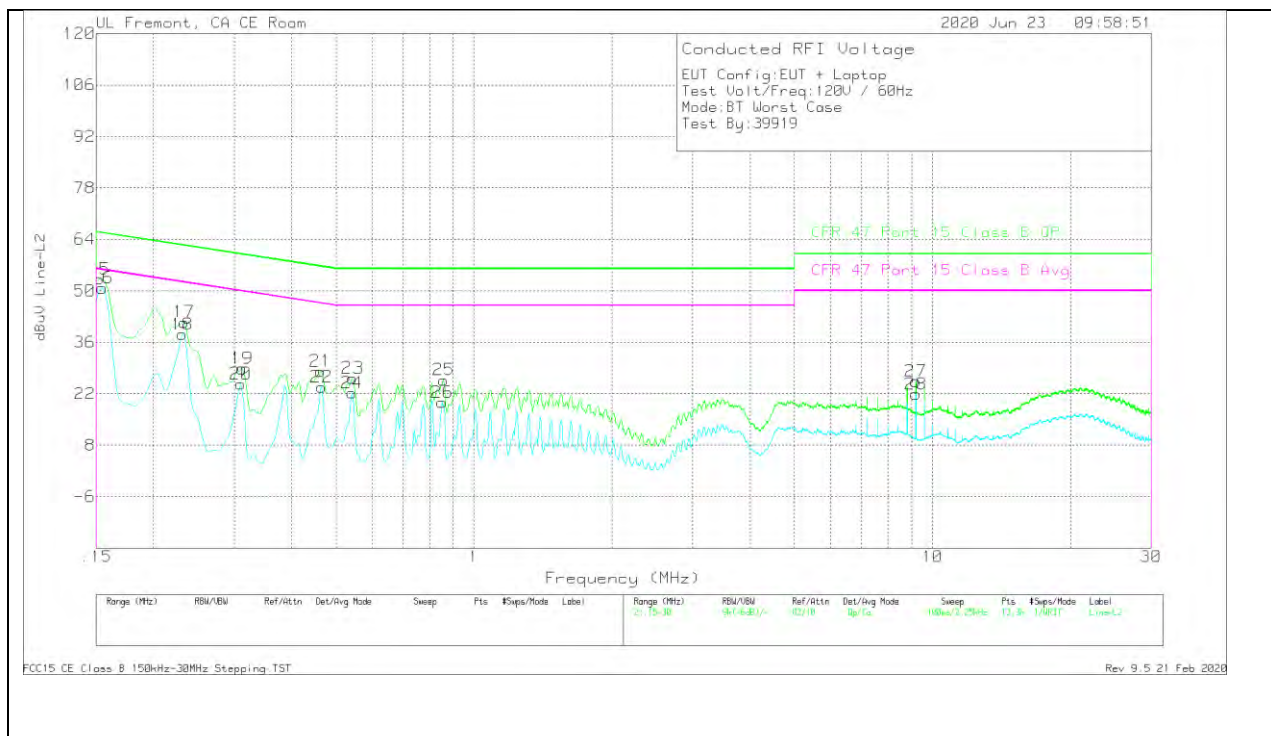


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argin (dB)
1	.1545	40.95	Qp	.1	0	10	51.05	65.75	-14.7	-	-
2	.1545	37.77	Ca	.1	0	10	47.87	-	-	55.75	-7.88
3	.23325	34.52	Qp	0	0	10	44.52	62.33	-17.81	-	-
4	.231	31.58	Ca	0	0	10	41.58	-	-	52.41	-10.83
5	.38625	25.45	Qp	0	0	10	35.45	58.14	-22.69	-	-
6	.38625	22.2	Ca	0	0	10	32.2	-	-	48.14	-15.94
7	.46275	25.09	Qp	0	0	10	35.09	56.64	-21.55	-	-
8	.465	21.29	Ca	0	0	10	31.29	-	-	46.6	-15.31
9	.54375	22.59	Qp	0	0	10	32.59	56	-23.41	-	-
10	.5415	18.6	Ca	0	0	10	28.6	-	-	46	-17.4
11	.6225	19.71	Qp	0	0	10	29.71	56	-26.29	-	-
12	.62025	15.19	Ca	0	0	10	25.19	-	-	46	-20.81
13	9.1995	15.98	Qp	0	.2	10.1	26.28	60	-33.72	-	-
14	9.19725	12.94	Ca	0	.2	10.1	23.24	-	-	50	-26.76

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



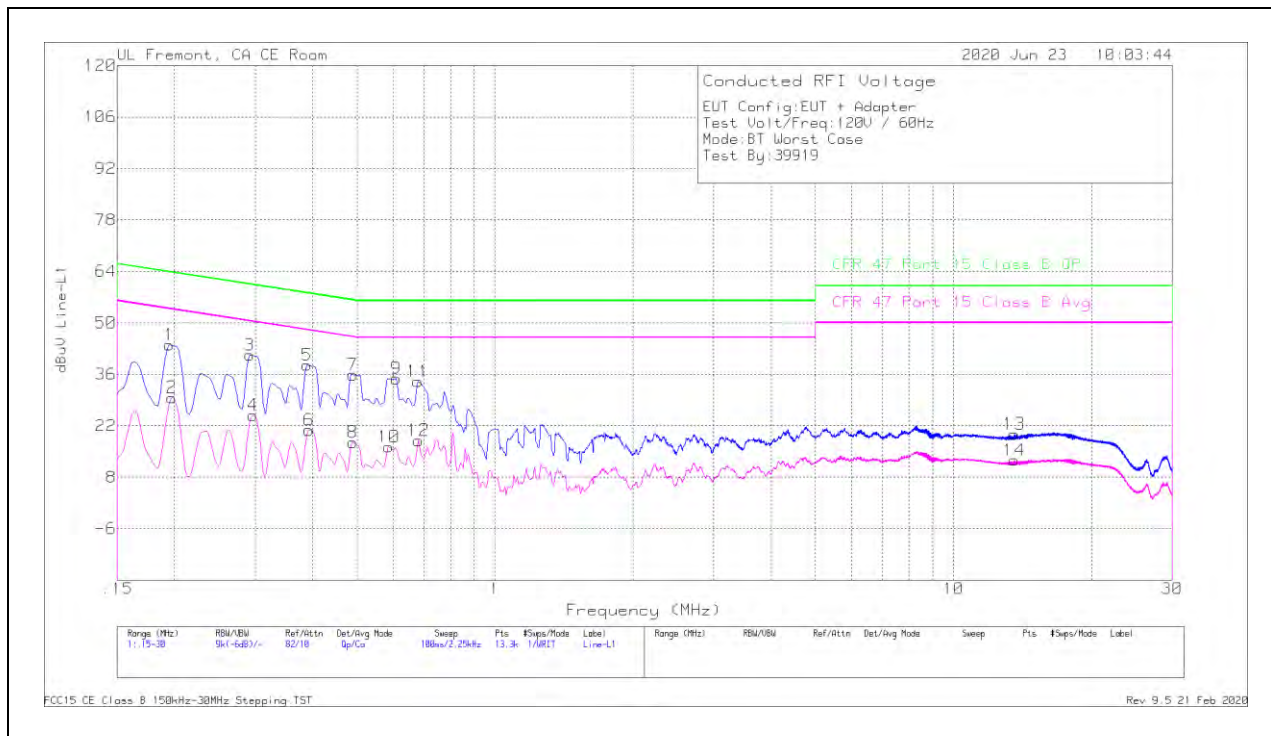
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argin (dB)
15	.15225	43.21	Qp	0	0	10	53.21	65.88	-12.67	-	-
16	.1545	40.76	Ca	0	0	10	50.76	-	-	55.75	-4.99
17	.23325	31.5	Qp	0	0	10	41.5	62.33	-20.83	-	-
18	.231	28.14	Ca	0	0	10	38.14	-	-	52.41	-14.27
19	.312	18.85	Qp	0	0	10	28.85	59.92	-31.07	-	-
20	.30975	14.68	Ca	0	0	10	24.68	-	-	49.98	-25.3
21	.46275	18.11	Qp	0	0	10	28.11	56.64	-28.53	-	-
22	.465	13.82	Ca	0	0	10	23.82	-	-	46.6	-22.78
23	.54375	16.24	Qp	0	0	10	26.24	56	-29.76	-	-
24	.5415	12.23	Ca	0	0	10	22.23	-	-	46	-23.77
25	.85875	15.74	Qp	0	0	10	25.74	56	-30.26	-	-
26	.852	9.64	Ca	0	0	10	19.64	-	-	46	-26.36
27	9.19725	15.12	Qp	0	.2	10.1	25.42	60	-34.58	-	-
28	9.1995	11.58	Ca	0	.2	10.1	21.88	-	-	50	-28.12

Qp - Quasi-Peak detector

Ca - CISPR average detection

11.2. AC POWER LINE WITH AC/DC ADAPTER

LINE 1 RESULTS

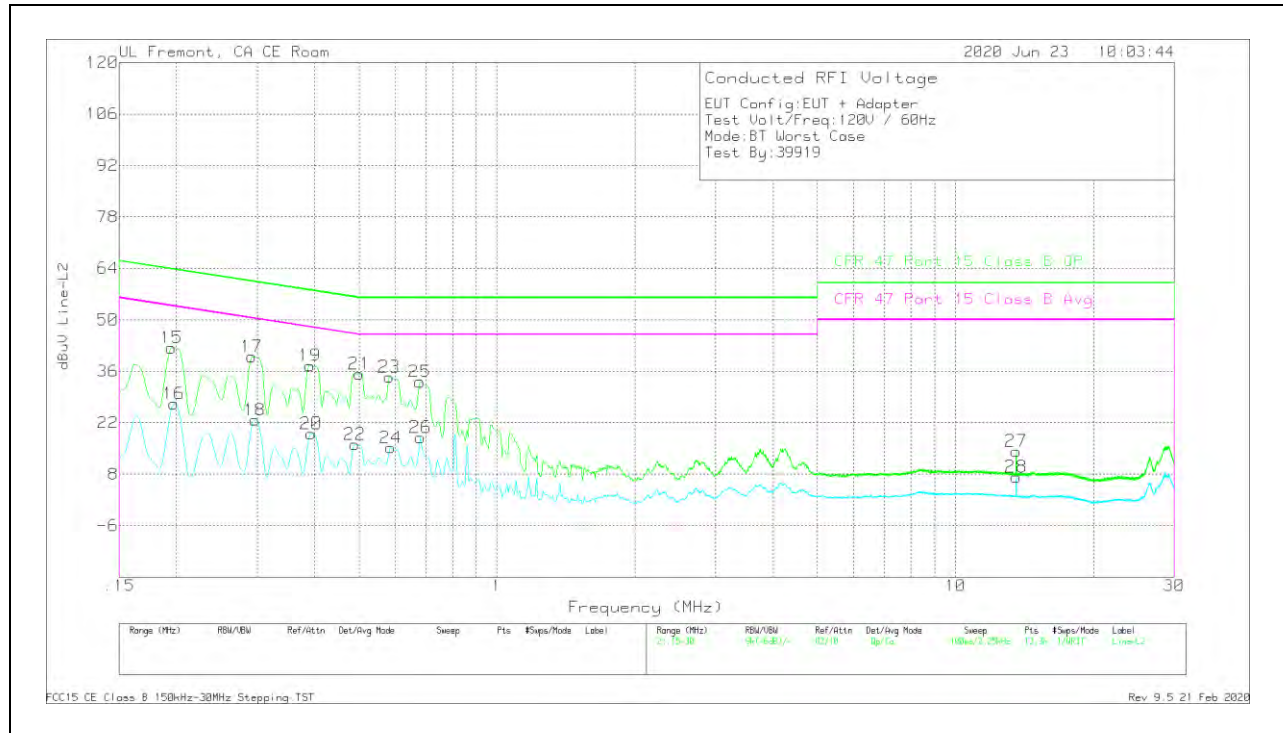


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argin (dB)
1	.195	34	Qp	0	0	10	44	63.82	-19.82	-	-
2	.19725	19.64	Ca	0	0	10	29.64	-	-	53.73	-24.09
3	.29175	31.21	Qp	0	0	10	41.21	60.47	-19.26	-	-
4	.29625	14.83	Ca	0	0	10	24.83	-	-	50.35	-25.52
5	.3885	28.47	Qp	0	0	10	38.47	58.1	-19.63	-	-
6	.393	10.83	Ca	0	0	10	20.83	-	-	48	-27.17
7	.48975	25.88	Qp	0	0	10	35.88	56.17	-20.29	-	-
8	.48975	7.47	Ca	0	0	10	17.47	-	-	46.17	-28.7
9	.609	24.85	Qp	0	0	10	34.85	56	-21.15	-	-
10	.5865	6.22	Ca	0	0	10	16.22	-	-	46	-29.78
11	.67875	24.02	Qp	0	0	10	34.02	56	-21.98	-	-
12	.681	7.98	Ca	0	0	10	17.98	-	-	46	-28.02
*13	13.56225	9.33	Qp	.1	.2	10.1	19.73	60	-40.27	-	-
*14	13.56225	2.23	Ca	.1	.2	10.1	12.63	-	-	50	-37.37

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argn (dB)
15	.195	32.39	Qp	0	0	10	42.39	63.82	-21.43	-	-
16	.19725	17.16	Ca	0	0	10	27.16	-	-	53.73	-26.57
17	.29175	30	Qp	0	0	10	40	60.47	-20.47	-	-
18	.29625	12.76	Ca	0	0	10	22.76	-	-	50.35	-27.59
19	.39075	27.56	Qp	0	0	10	37.56	58.05	-20.49	-	-
20	.393	9	Ca	0	0	10	19	-	-	48	-29
21	.501	25.31	Qp	0	0	10	35.31	56	-20.69	-	-
22	.48975	6.09	Ca	0	0	10	16.09	-	-	46.17	-30.08
23	.582	24.41	Qp	0	0	10	34.41	56	-21.59	-	-
24	.5865	5.23	Ca	0	0	10	15.23	-	-	46	-30.77
25	.67875	23.12	Qp	0	0	10	33.12	56	-22.88	-	-
26	.681	7.98	Ca	0	0	10	17.98	-	-	46	-28.02
*27	13.56	3.85	Qp	.1	.2	10.1	14.25	60	-45.75	-	-
*28	13.56	-3.17	Ca	.1	.2	10.1	7.23	-	-	50	-42.77

Qp - Quasi-Peak detector

Ca - CISPR average detection

*Indicates UL RFID signal. Not from device.

12. SETUP PHOTOS

Please refer to 13179110-EP1V1 for setup photos

END OF TEST REPORT