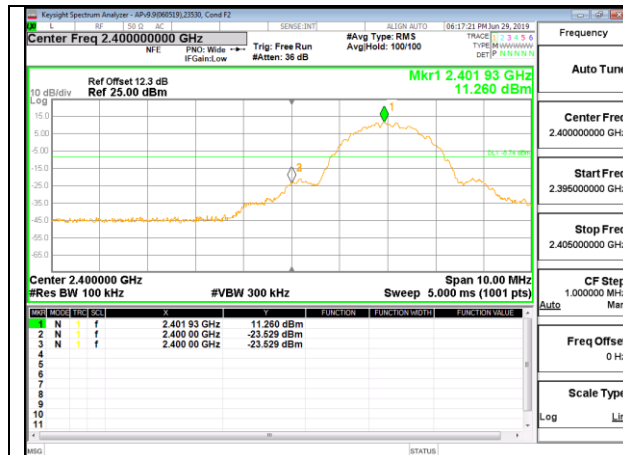
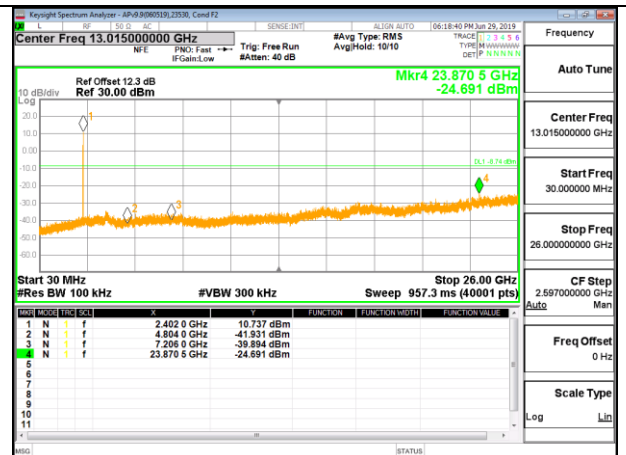


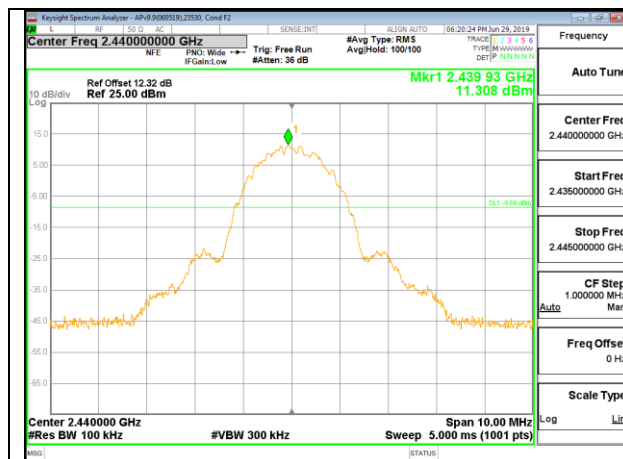
8.13.4. LOW POWER BLE (2Mbps)



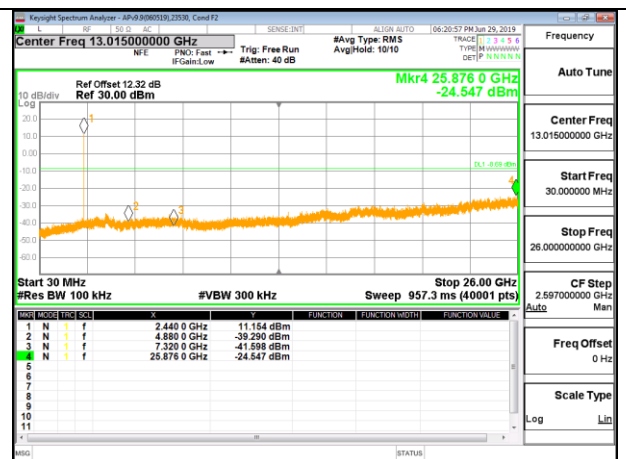
LOW CHANNEL BANDEDGE ANT 4



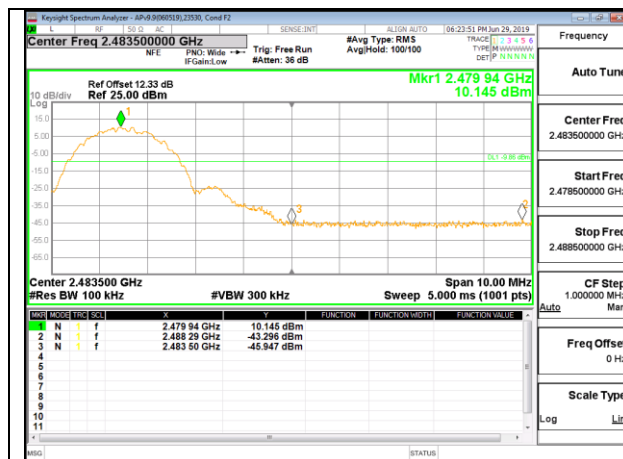
LOW CHANNEL OUT-OF-BAND ANT 4



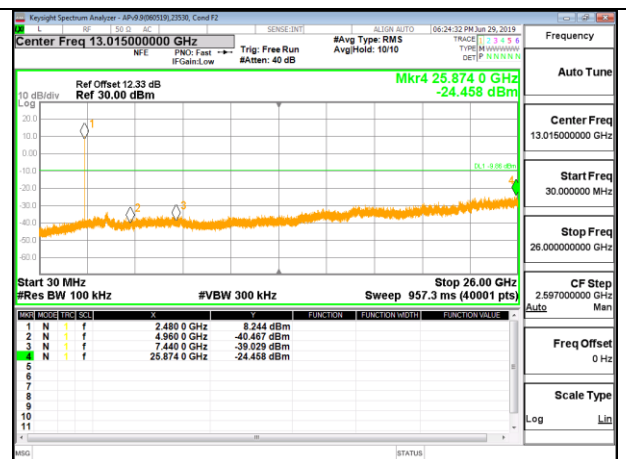
MID CHANNEL REFERENCE ANT 4



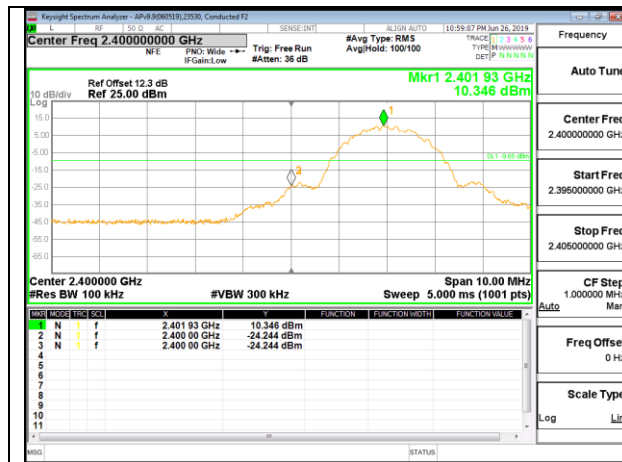
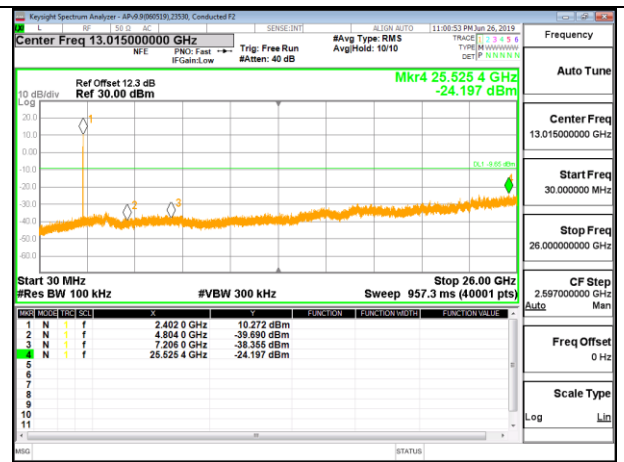
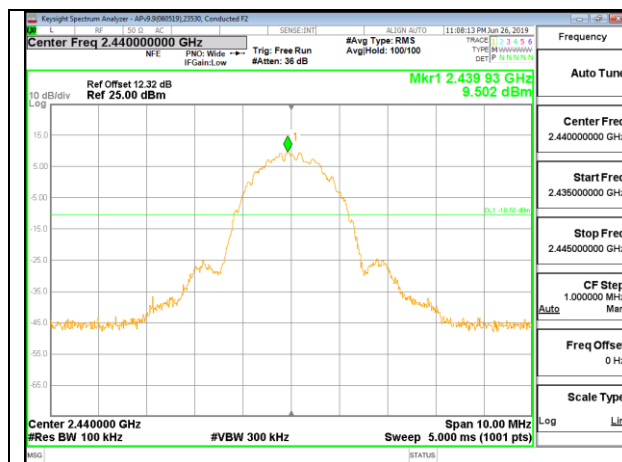
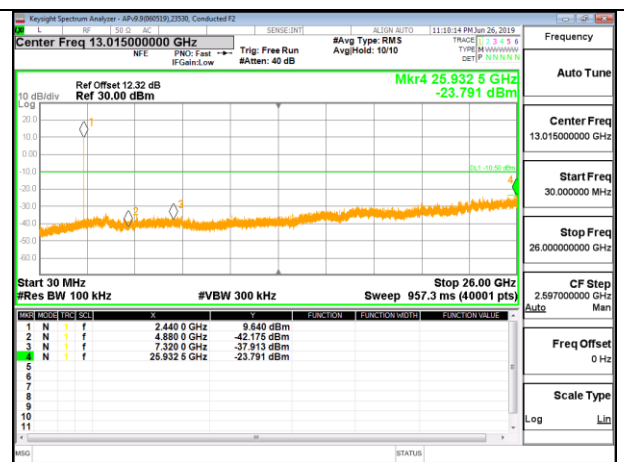
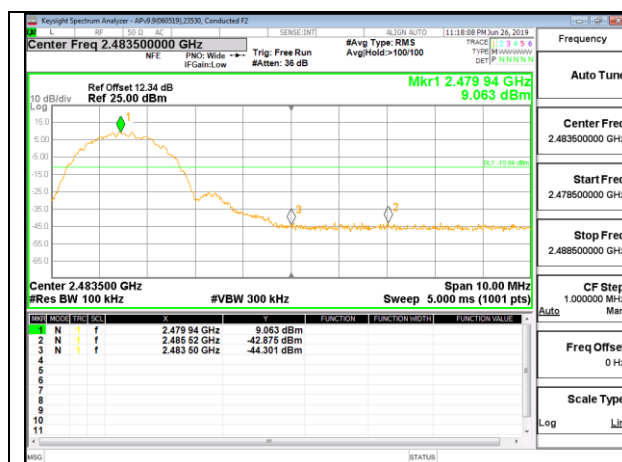
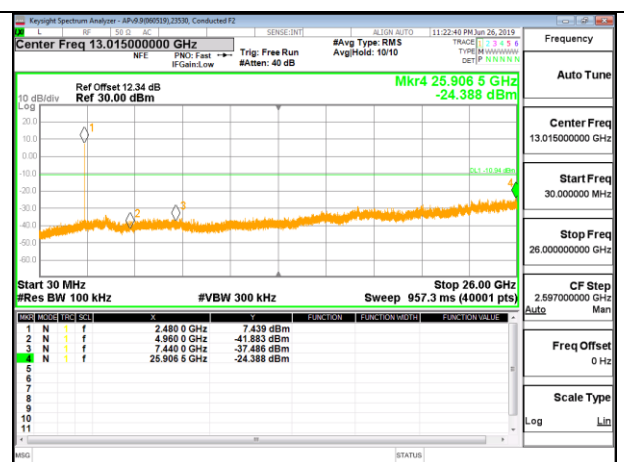
MID CHANNEL OUT-OF-BAND ANT 4



HIGH CHANNEL BANDEDGE ANT 4



HIGH CHANNEL OUT-OF-BAND ANT 4

LOW POWER (2Mbps)**LOW CHANNEL BANDEDGE ANT 3****LOW CHANNEL OUT-OF-BAND ANT 3****MID CHANNEL REFERENCE ANT 3****MID CHANNEL OUT-OF-BAND ANT 3****HIGH CHANNEL BANDEDGE ANT 3****HIGH CHANNEL OUT-OF-BAND ANT 3**

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

9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10.

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

TEST PROCEDURE

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

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

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

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

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

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

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.

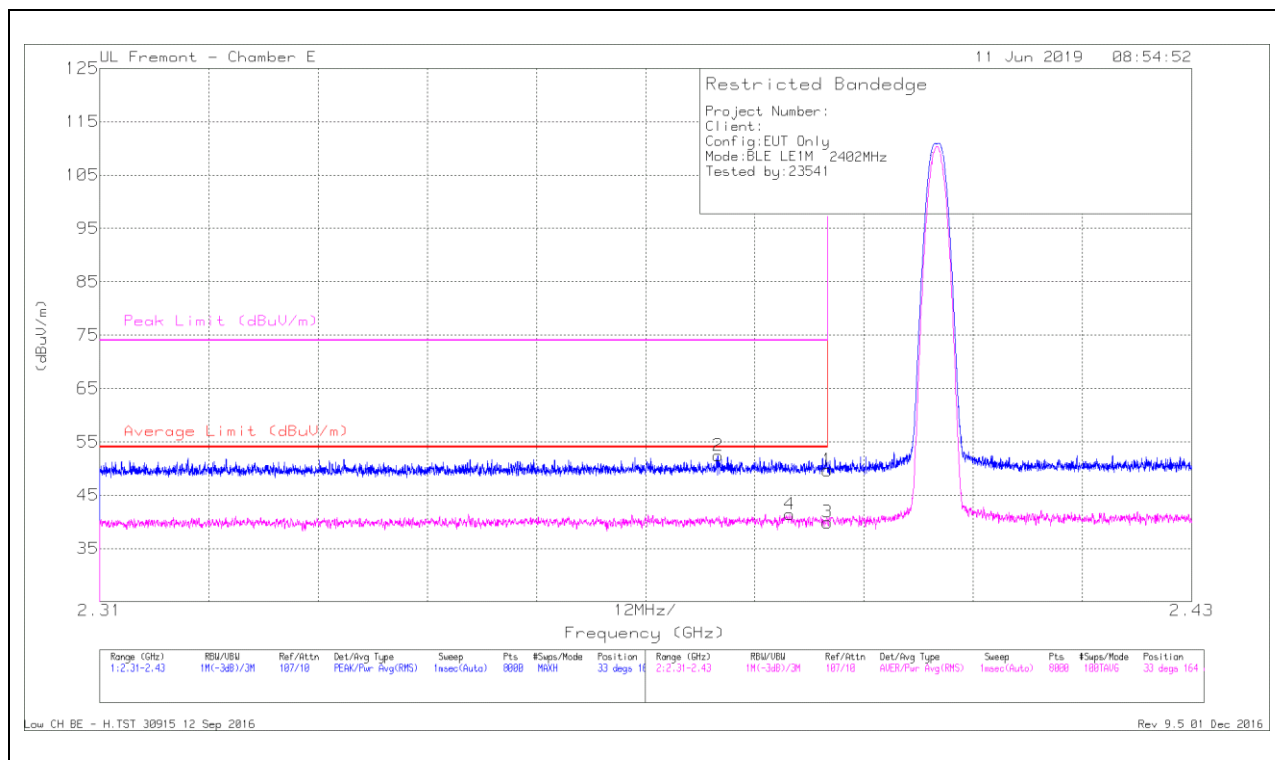
9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. HIGH POWER BLE (1Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/Cbl/Filr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.378	46.37	Pk	32.2	-26.2	52.37	-	-	74	-21.63	33	164	H
4	* 2.386	35.4	RMS	32.3	-26.3	41.4	54	-12.6	-	-	33	164	H
1	* 2.39	43.57	Pk	32.3	-26.2	49.67	-	-	74	-24.33	33	164	H
3	* 2.39	33.8	RMS	32.3	-26.2	39.9	54	-14.1	-	-	33	164	H

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

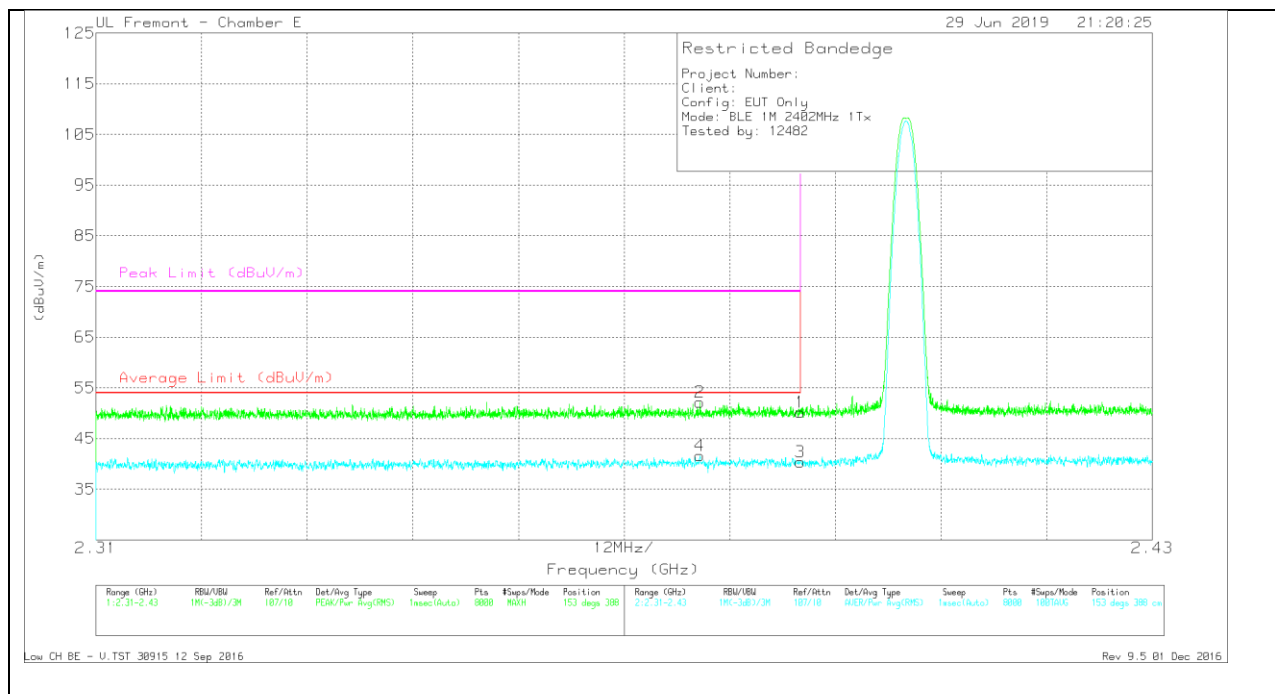
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

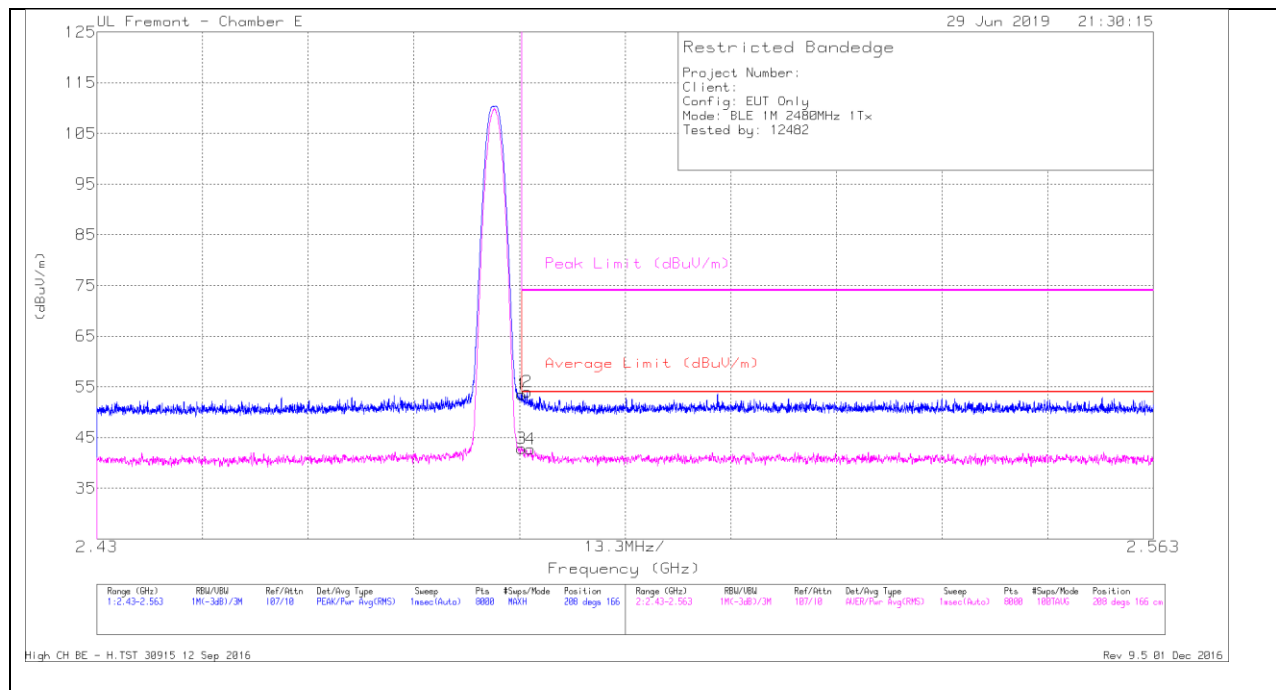


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.379	46.21	Pk	32.2	-26.2	52.21	-	-	74	-21.79	153	388	V
4	* 2.379	35.57	RMS	32.2	-26.2	41.57	54	-12.43	-	-	153	388	V
1	* 2.39	44.02	Pk	32.3	-26.2	50.12	-	-	74	-23.88	153	388	V
3	* 2.39	34.29	RMS	32.3	-26.2	40.39	54	-13.61	-	-	153	388	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

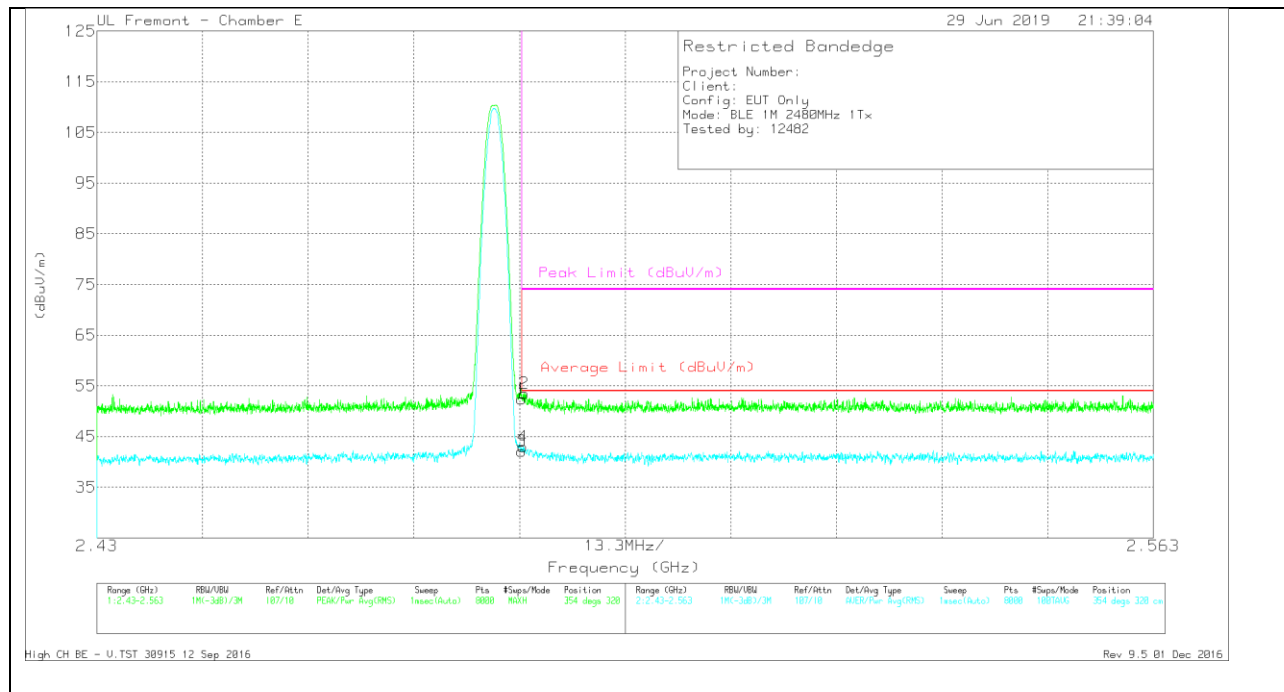
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.06	Pk	32.8	-26.3	53.56	-	-	74	-20.44	208	166	H
2	* 2.484	47.51	Pk	32.8	-26.3	54.01	-	-	74	-19.99	208	166	H
3	* 2.484	36.38	RMS	32.8	-26.3	42.88	54	-11.12	-	-	208	166	H
4	* 2.485	36.18	RMS	32.8	-26.3	42.68	54	-11.32	-	-	208	166	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

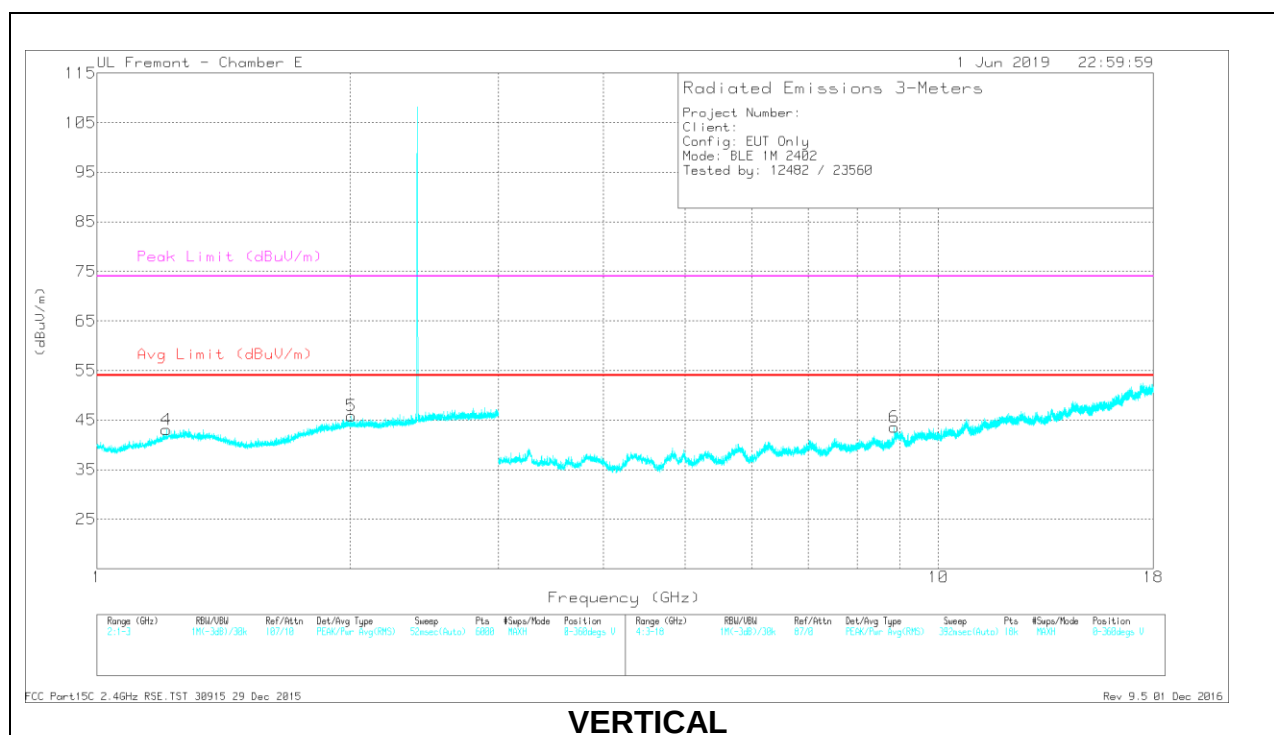
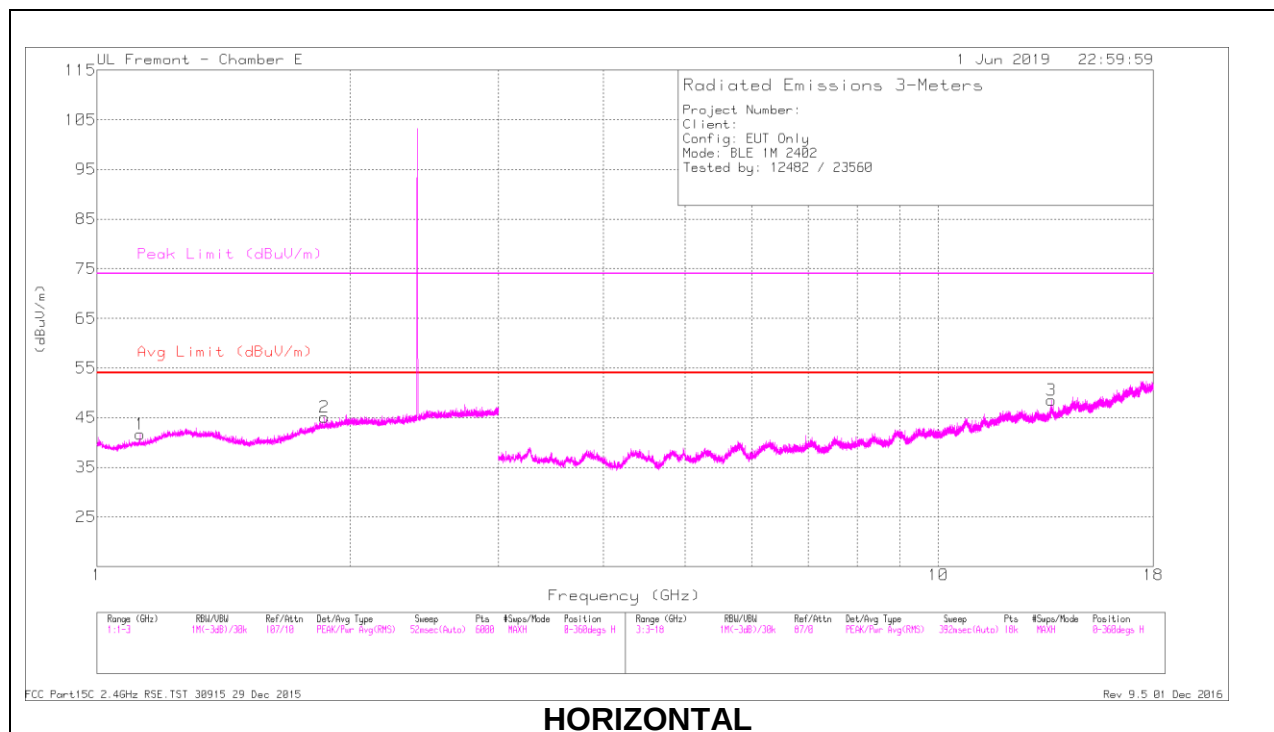


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.94	Pk	32.8	-26.3	52.44	-	-	74	-21.56	354	320	V
2	* 2.484	47.06	PK	32.8	-26.3	53.56	-	-	74	-20.44	354	320	V
3	* 2.484	35.59	RMS	32.8	-26.3	42.09	54	-11.91	-	-	354	320	V
4	* 2.484	36.5	RMS	32.8	-26.3	43	54	-	-	-	354	320	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

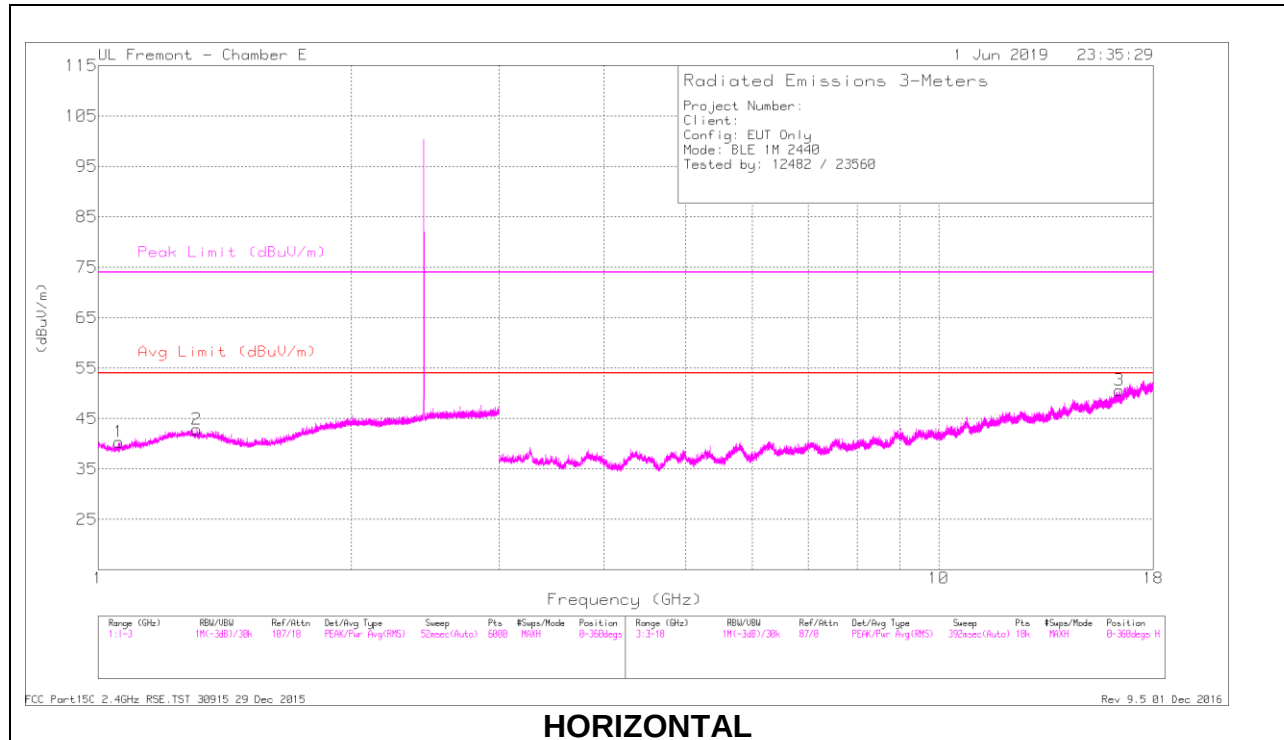
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.126	45.66	PK2	28	-26	47.66	-	-	74	-26.34	52	128	H
	* 1.127	34.07	MAv1	28	-26	36.07	54	-17.93	-	-	52	128	H
2	1.861	46.4	PK2	31	-26.3	51.1	-	-	-	-	154	191	H
3	13.624	36.71	PK2	38.6	-20.5	54.81	-	-	-	-	180	162	H
4	* 1.21	45.72	PK2	29.6	-26.1	49.22	-	-	74	-24.78	296	116	V
	* 1.207	34.2	MAv1	29.5	-26	37.7	54	-16.3	-	-	296	116	V
5	2.004	46.41	PK2	32	-26.3	52.11	-	-	-	-	259	169	V
6	8.867	37.71	PK2	36.1	-24.2	49.61	-	-	-	-	360	102	V

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

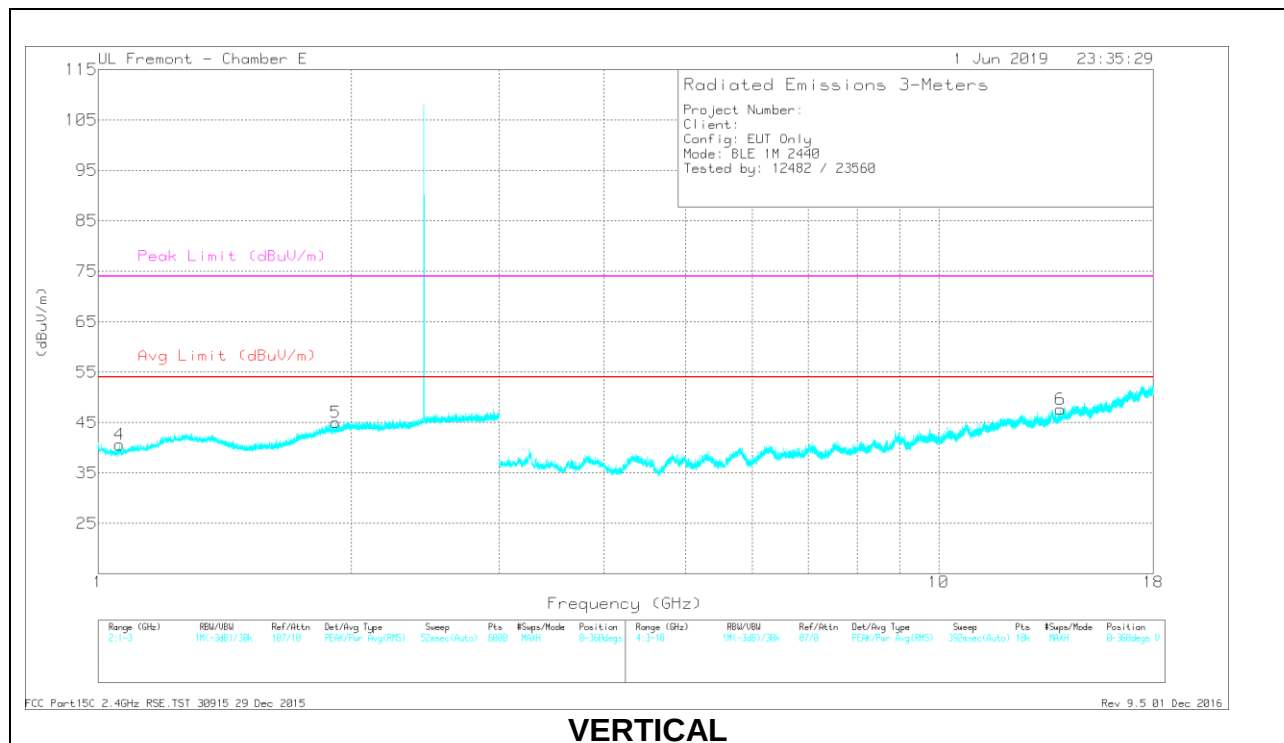
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

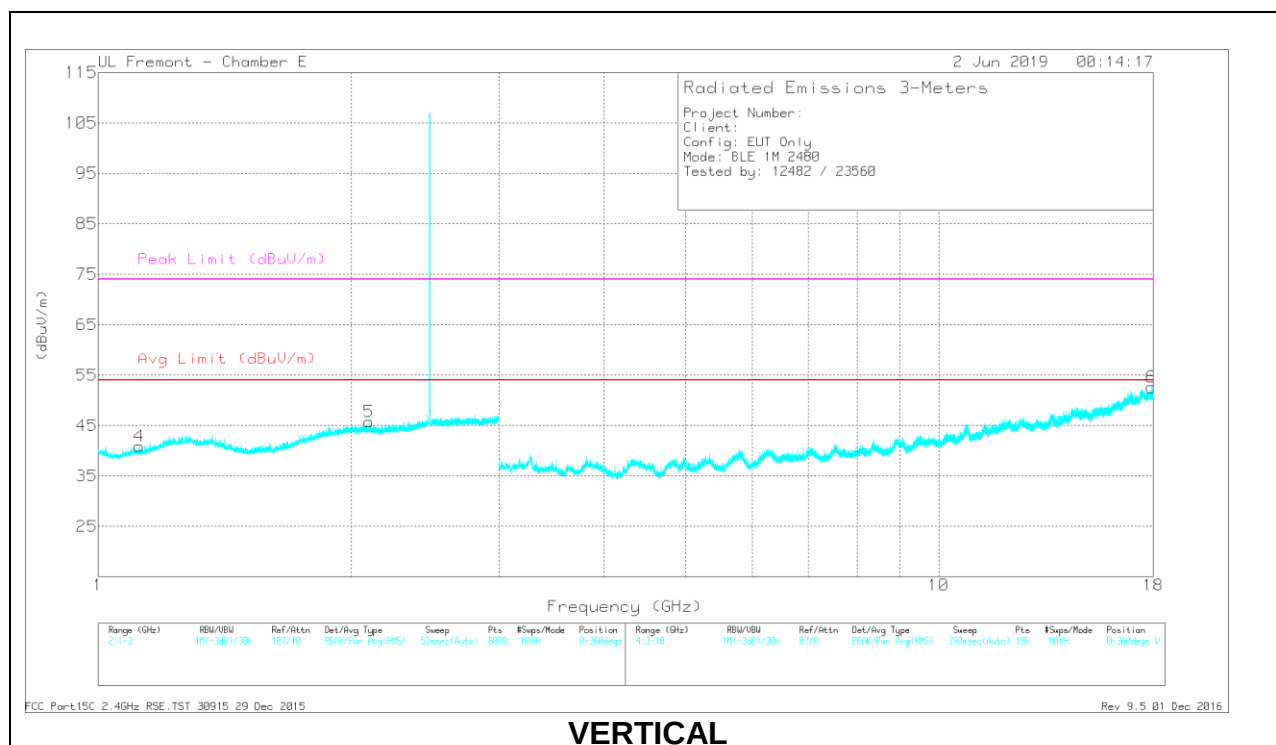
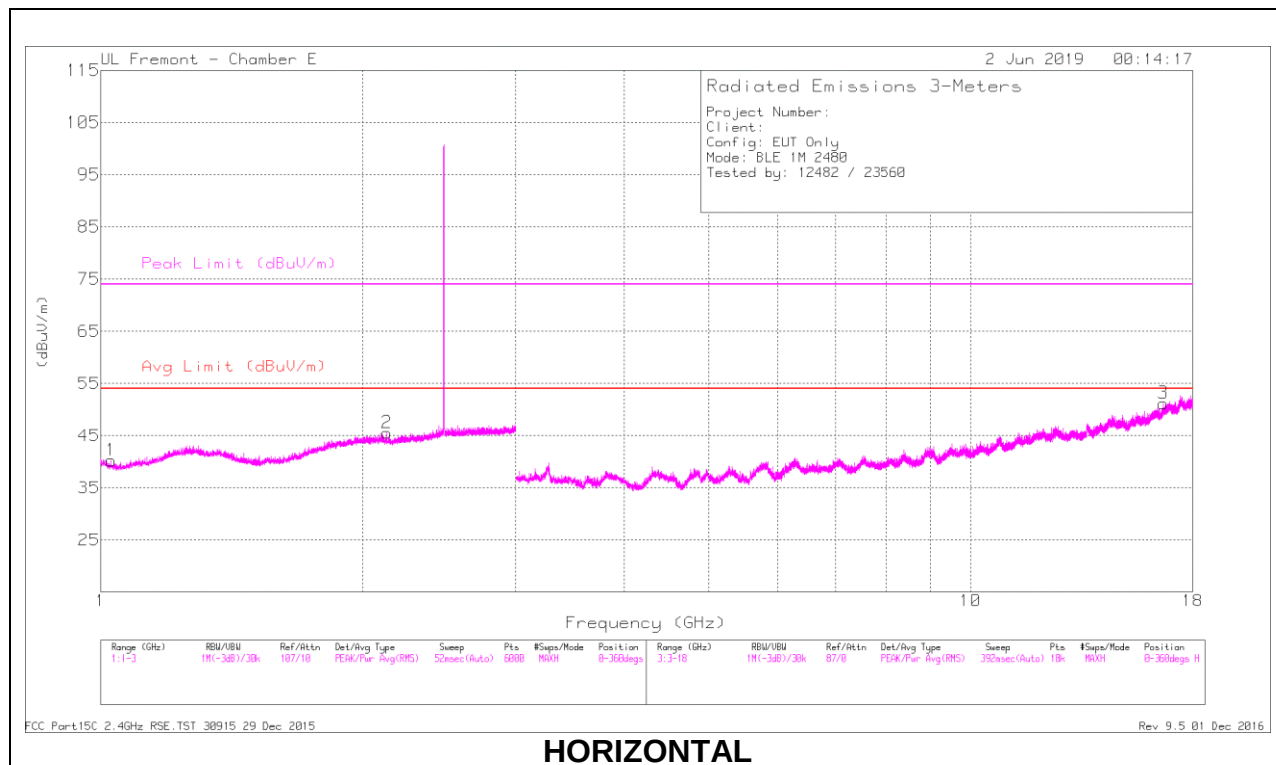
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.058	45.8	PK2	27.1	-25.9	47	-	-	74	-27	353	108	H
	* 1.059	33.95	MAv1	27.1	-25.9	35.15	54	-18.85	-	-	353	108	H
2	* 1.312	46.03	PK2	29.6	-26.2	49.43	-	-	74	-24.57	8	116	H
	* 1.313	34.39	MAv1	29.6	-26.2	37.79	54	-16.21	-	-	8	116	H
3	16.394	34.98	PK2	40.8	-19	56.78	-	-	-	-	35	108	H
4	* 1.06	46.05	PK2	27.1	-25.8	47.35	-	-	74	-26.65	120	184	V
	* 1.062	33.81	MAv1	27.2	-25.7	35.31	54	-18.69	-	-	120	184	V
5	1.919	46.61	PK2	31.4	-26.3	51.71	-	-	-	-	136	210	V
6	13.96	36.19	PK2	38.6	-21.2	53.59	-	-	-	-	312	296	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



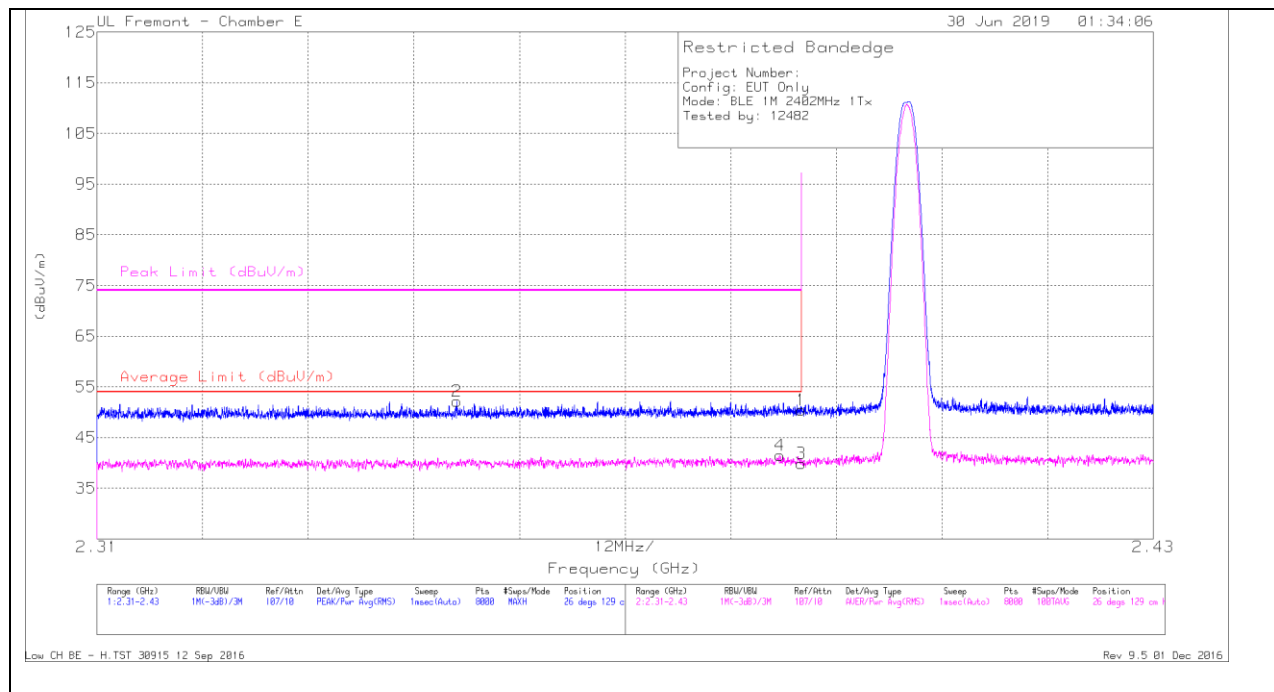
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.027	45.39	PK2	27.2	-25.7	46.89	-	-	74	-27.11	298	218	H
	* 1.026	33.75	MAv1	27.2	-25.7	35.25	54	-18.75	-	-	298	218	H
2	2.132	46.07	PK2	31.7	-26.3	51.47	-	-	-	-	240	191	H
3	16.666	36.27	PK2	41.3	-19.2	58.37	-	-	-	-	241	397	H
4	* 1.118	45.43	PK2	27.9	-25.9	47.43	-	-	74	-26.57	10	371	V
	* 1.121	34.1	MAv1	27.9	-25.9	36.1	54	-17.9	-	-	10	371	V
5	2.1	46.32	PK2	31.9	-26.3	51.92	-	-	-	-	51	160	V
6	* 17.909	35.67	PK2	41.9	-18.3	59.27	-	-	74	-14.73	350	351	V
	* 17.908	24.24	MAv1	41.9	-18.3	47.84	54	-6.16	-	-	350	351	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

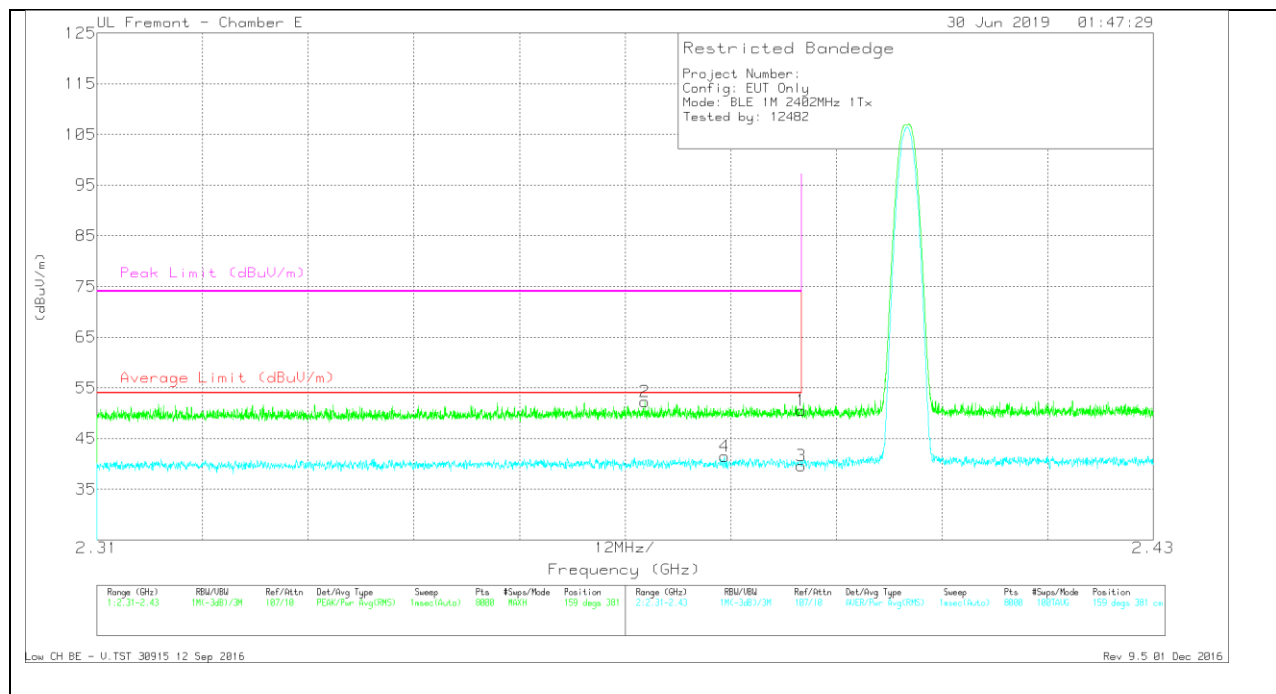
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.28	PK	32.3	-26.2	50.38	-	-	74	-23.62	26	129	H
2	* 2.351	46.39	PK	32	-26.2	52.19	-	-	74	-21.81	26	129	H
3	* 2.39	33.72	RMS	32.3	-26.2	39.82	54	-14.18	-	-	26	129	H
4	* 2.388	35.32	RMS	32.3	-26.2	41.42	54	-12.58	-	-	26	129	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL RESULT

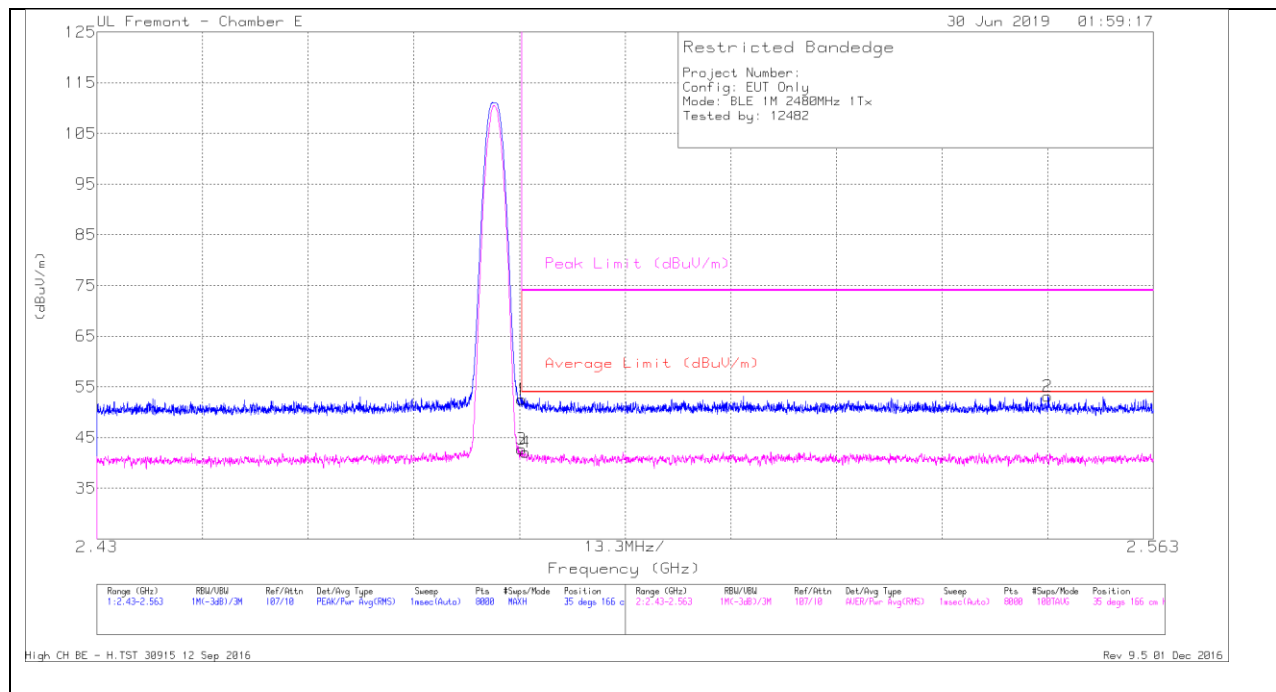


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.43	Pk	32.3	-26.2	50.53	-	-	74	-23.47	159	381	V
2	* 2.372	46.42	PK	32.2	-26.3	52.32	-	-	74	-21.68	159	381	V
3	* 2.39	33.47	RMS	32.3	-26.2	39.57	54	-14.43	-	-	159	381	V
4	* 2.381	35.53	RMS	32.3	-26.3	41.53	54	-12.47	-	-	159	381	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

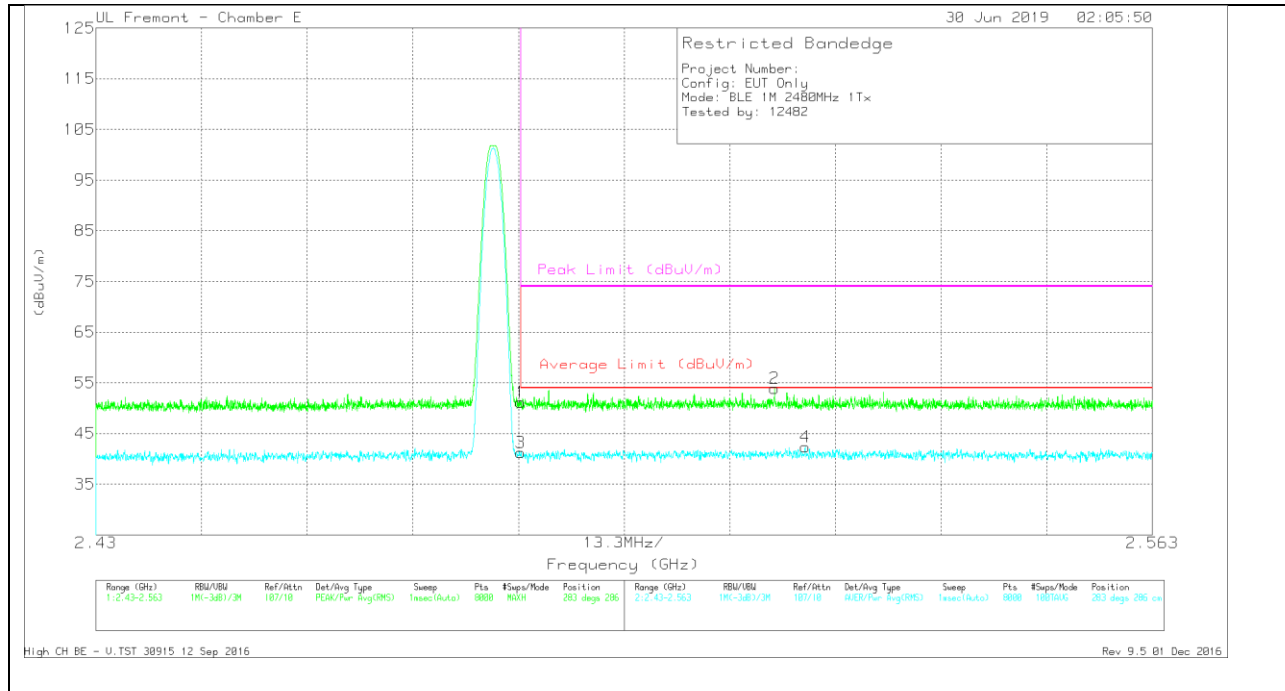
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.98	Pk	32.8	-26.3	52.48	-	-	74	-21.52	35	166	H
3	* 2.484	36.25	RMS	32.8	-26.3	42.75	54	-11.25	-	-	35	166	H
4	* 2.484	35.59	RMS	32.8	-26.3	42.09	54	-11.91	-	-	35	166	H
2	2.55	46.63	Pk	32.8	-26.3	53.13	-	-	74	-20.87	35	166	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

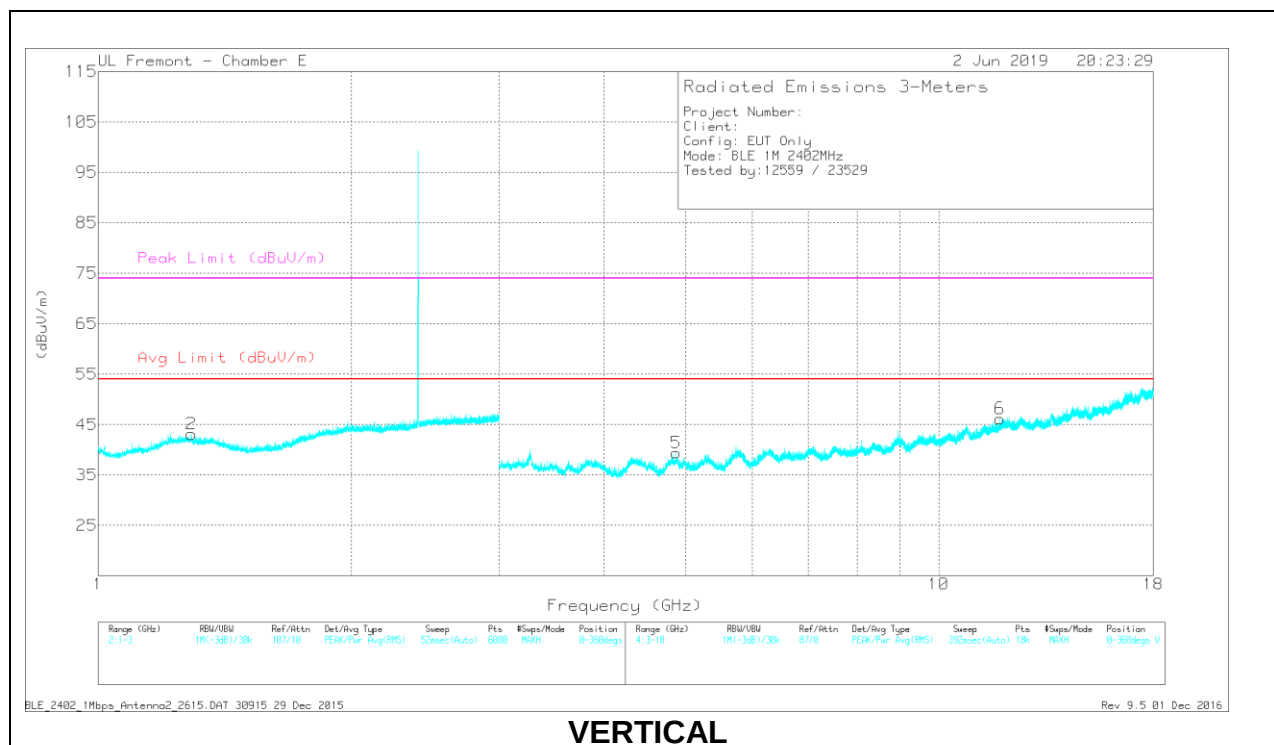
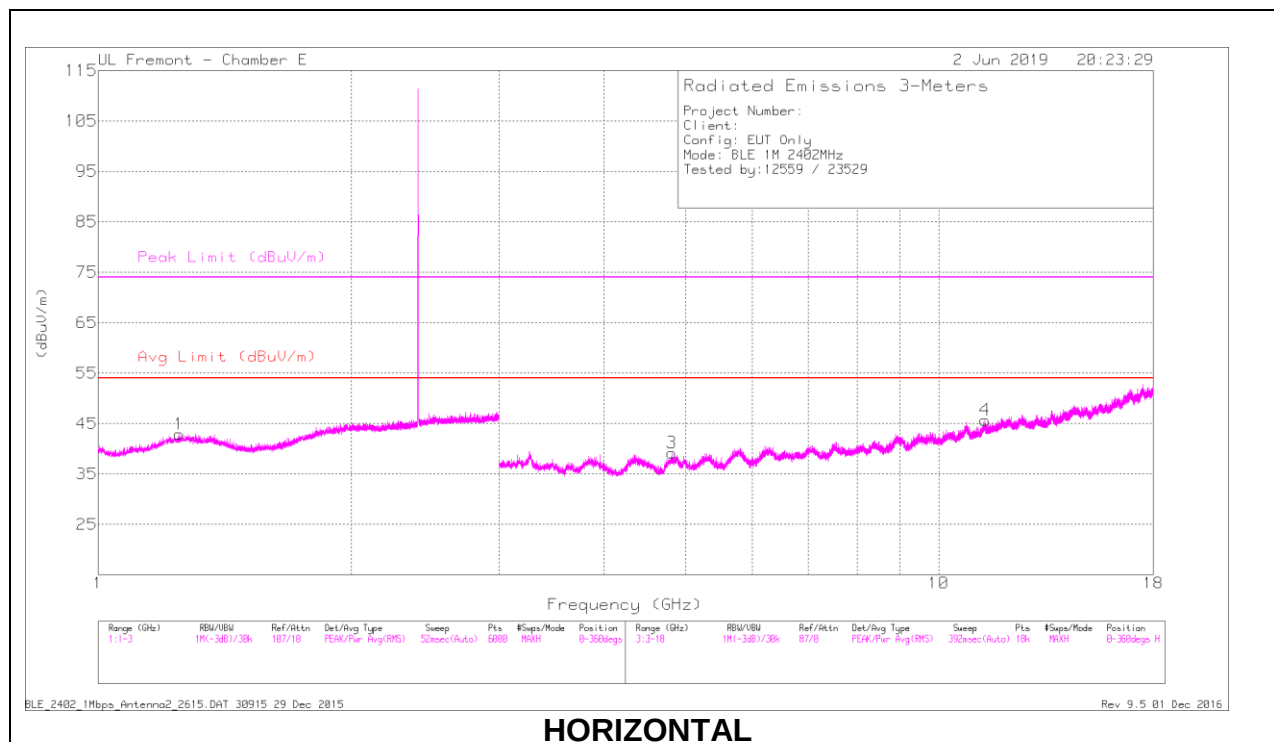


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.68	Pk	32.8	-26.3	51.18	-	-	74	-22.82	283	286	V
3	* 2.484	34.72	RMS	32.8	-26.3	41.22	54	-12.78	-	-	283	286	V
2	2.515	47.14	Pk	32.9	-26.2	53.84	-	-	74	-20.16	283	286	V
4	2.519	35.63	RMS	32.9	-26.2	42.33	54	-11.67	-	-	283	286	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

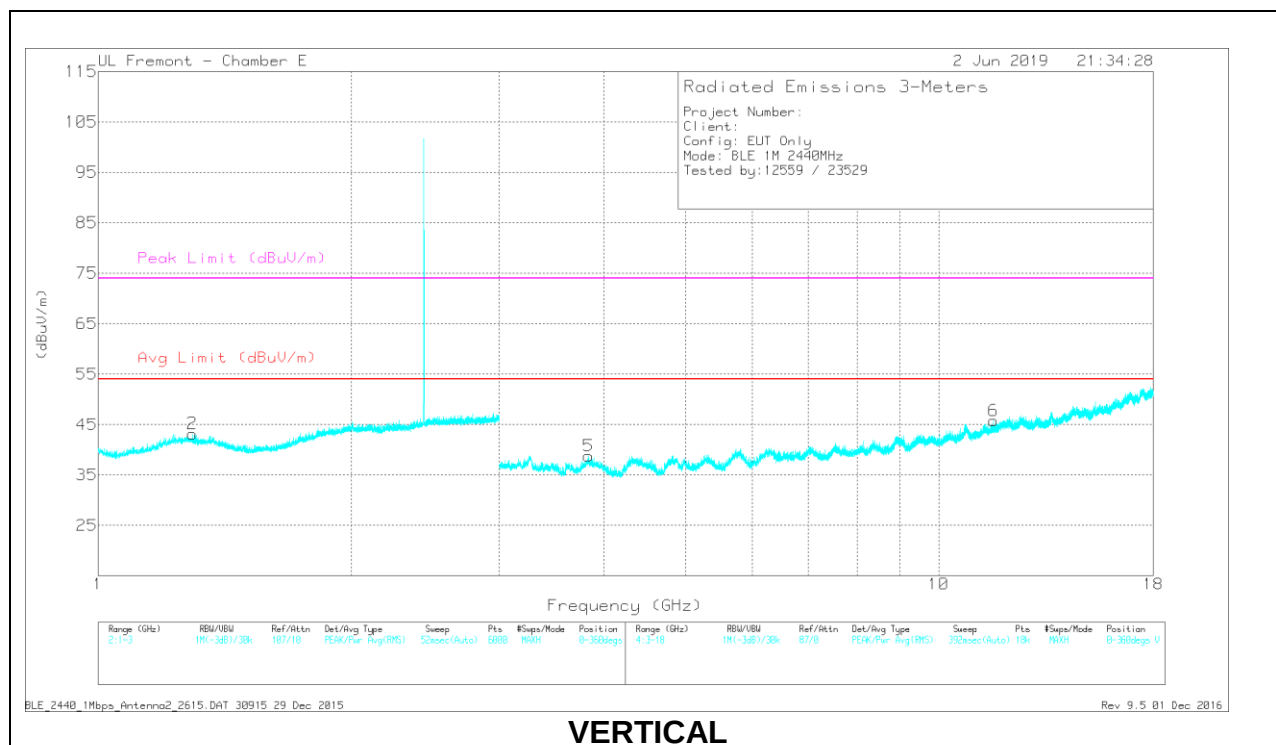
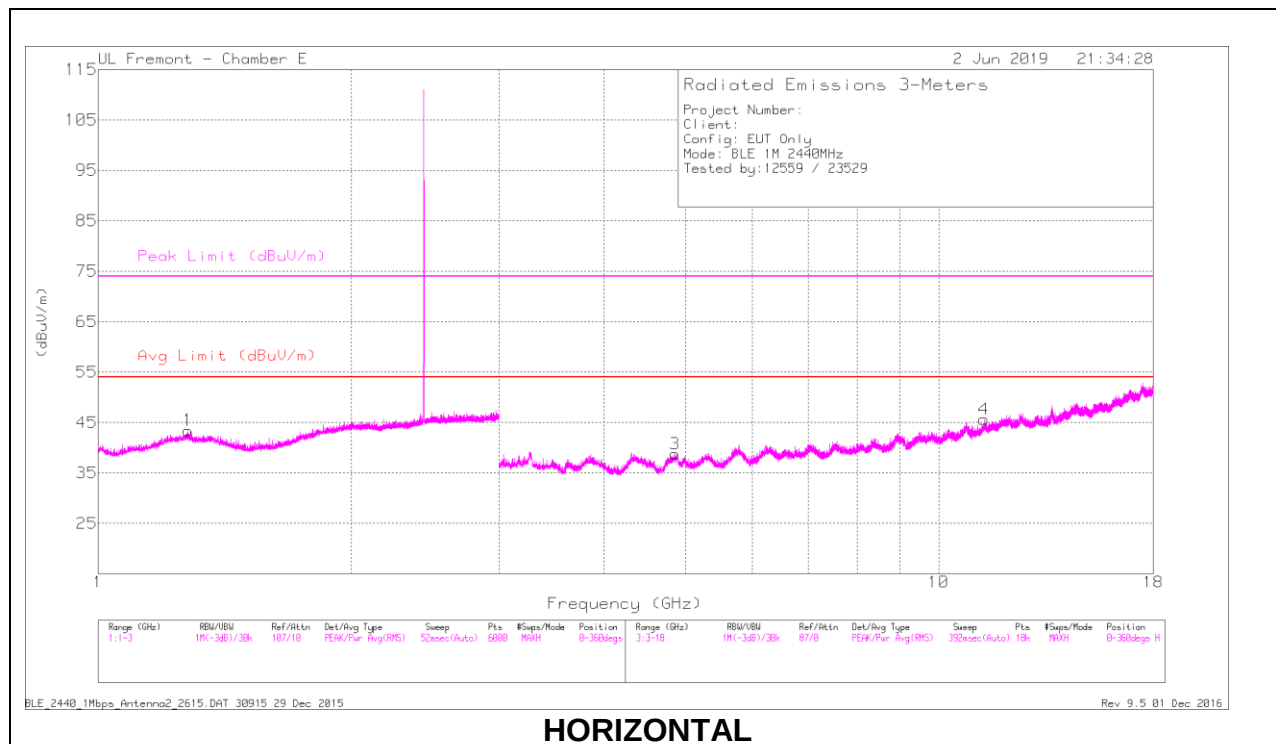
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.25	46.69	PK2	29.9	-26.2	50.39	-	-	74	-23.61	283	107	H
	* 1.247	34.4	MAv1	29.9	-26.1	38.2	54	-15.8	-	-	283	107	H
2	* 1.29	46.08	PK2	30	-26.2	49.88	-	-	74	-24.12	242	189	V
	* 1.292	34.29	MAv1	30	-26.1	38.19	54	-15.81	-	-	242	189	V
3	* 4.815	41.54	PK2	34.1	-30.1	45.54	-	-	74	-28.46	82	269	H
	* 4.817	30.6	MAv1	34.1	-30.1	34.6	54	-19.4	-	-	82	269	H
4	* 11.357	36.55	PK2	38.1	-22.6	52.05	-	-	74	-21.95	133	216	H
	* 11.356	25.14	MAv1	38.1	-22.6	40.64	54	-13.36	-	-	133	216	H
5	* 4.875	41.79	PK2	34	-29.9	45.89	-	-	74	-28.11	66	279	V
	* 4.878	30.56	MAv1	34	-29.9	34.66	54	-19.34	-	-	66	279	V
6	* 11.821	35.71	PK2	38.9	-22.3	52.31	-	-	74	-21.69	7	124	V
	* 11.82	24.67	MAv1	38.9	-22.3	41.27	54	-12.73	-	-	7	124	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

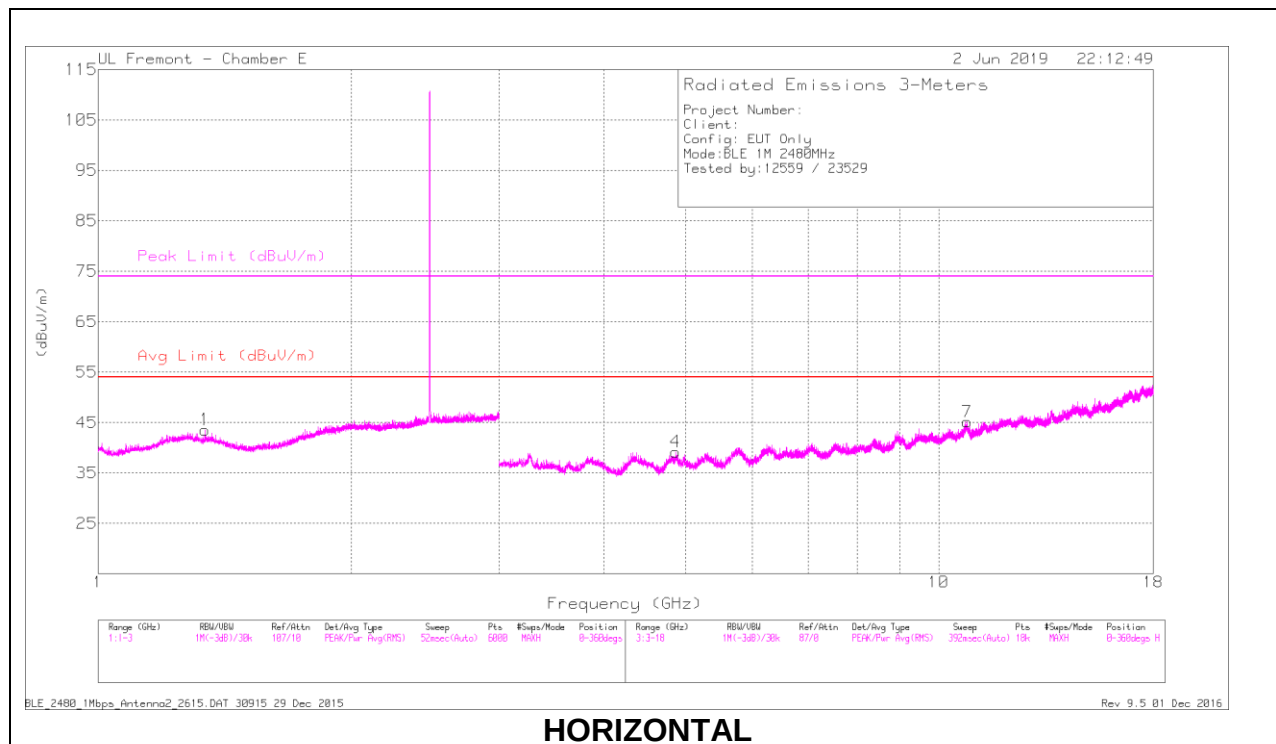
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.281	45.9	PK2	30.1	-26.2	49.8	-	-	74	-24.2	17	189	H
	* 1.28	34.4	MAv1	30.1	-26.2	38.3	54	-15.7	-	-	17	189	H
2	* 1.293	45.98	PK2	30	-26.1	49.88	-	-	74	-24.12	132	158	V
	* 1.295	34.27	MAv1	29.9	-26.2	37.97	54	-16.03	-	-	132	158	V
3	* 4.858	41.43	PK2	34.1	-29.9	45.63	-	-	74	-28.37	78	203	H
	* 4.858	30.3	MAv1	34.1	-29.9	34.5	54	-19.5	-	-	78	203	H
4	* 11.32	36.25	PK2	38.1	-22.1	52.25	-	-	74	-21.75	177	139	H
	* 11.318	24.79	MAv1	38.1	-22.1	40.79	54	-13.21	-	-	177	139	H
5	* 3.831	42.36	PK2	33.4	-30.9	44.86	-	-	74	-29.14	208	262	V
	* 3.834	31.6	MAv1	33.4	-30.9	34.1	54	-19.9	-	-	208	262	V
6	* 11.624	36.21	PK2	38.6	-22.8	52.01	-	-	74	-21.99	196	198	V
	* 11.625	24.92	MAv1	38.6	-22.8	40.72	54	-13.28	-	-	196	198	V

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

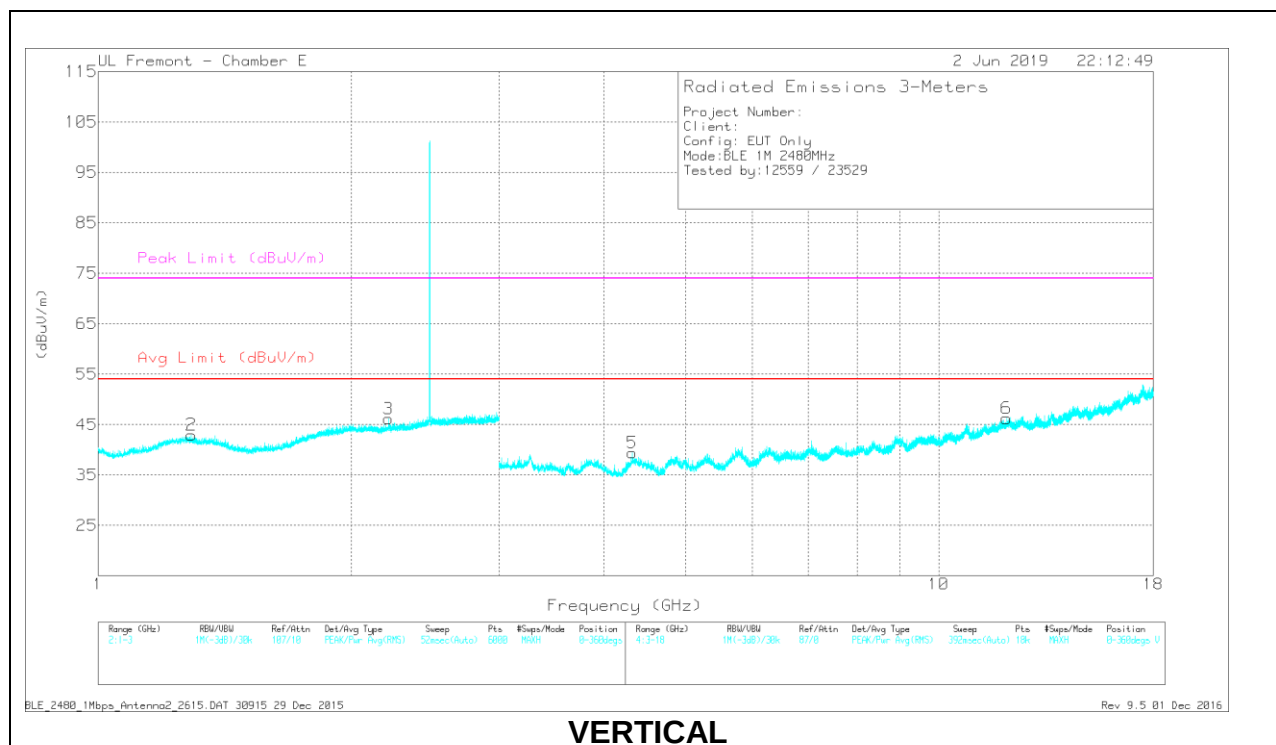
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.34	46.04	PK2	29.6	-26.2	49.44	-	-	74	-24.56	69	200	H
	* 1.342	34.42	MAv1	29.6	-26.2	37.82	54	-16.18	-	-	69	200	H
2	* 1.293	45.59	PK2	30	-26.1	49.49	-	-	74	-24.51	186	143	V
	* 1.292	34.38	MAv1	30	-26.1	38.28	54	-15.72	-	-	186	143	V
3	* 2.217	46.47	PK2	31.9	-26.3	52.07	-	-	74	-21.93	156	219	V
	* 2.215	34.78	MAv1	31.9	-26.3	40.38	54	-13.62	-	-	156	219	V
4	* 4.864	42.47	PK2	34	-29.8	46.67	-	-	74	-27.33	258	164	H
	* 4.864	30.5	MAv1	34	-29.8	34.7	54	-19.3	-	-	258	164	H
5	* 4.322	41.96	PK2	33.6	-30.1	45.46	-	-	74	-28.54	126	147	V
	* 4.32	31.09	MAv1	33.6	-30.1	34.59	54	-19.41	-	-	126	147	V
6	* 12.041	35.62	PK2	39	-22.1	52.52	-	-	74	-21.48	277	103	V
	* 12.04	24.65	MAv1	39	-22.1	41.55	54	-12.45	-	-	277	103	V
7	* 10.807	36.97	PK2	37.9	-23.3	51.57	-	-	74	-22.43	98	193	H
	* 10.809	25.88	MAv1	37.9	-23.3	40.48	54	-13.52	-	-	98	193	H

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

PK2 - KDB558074 Method: Maximum Peak

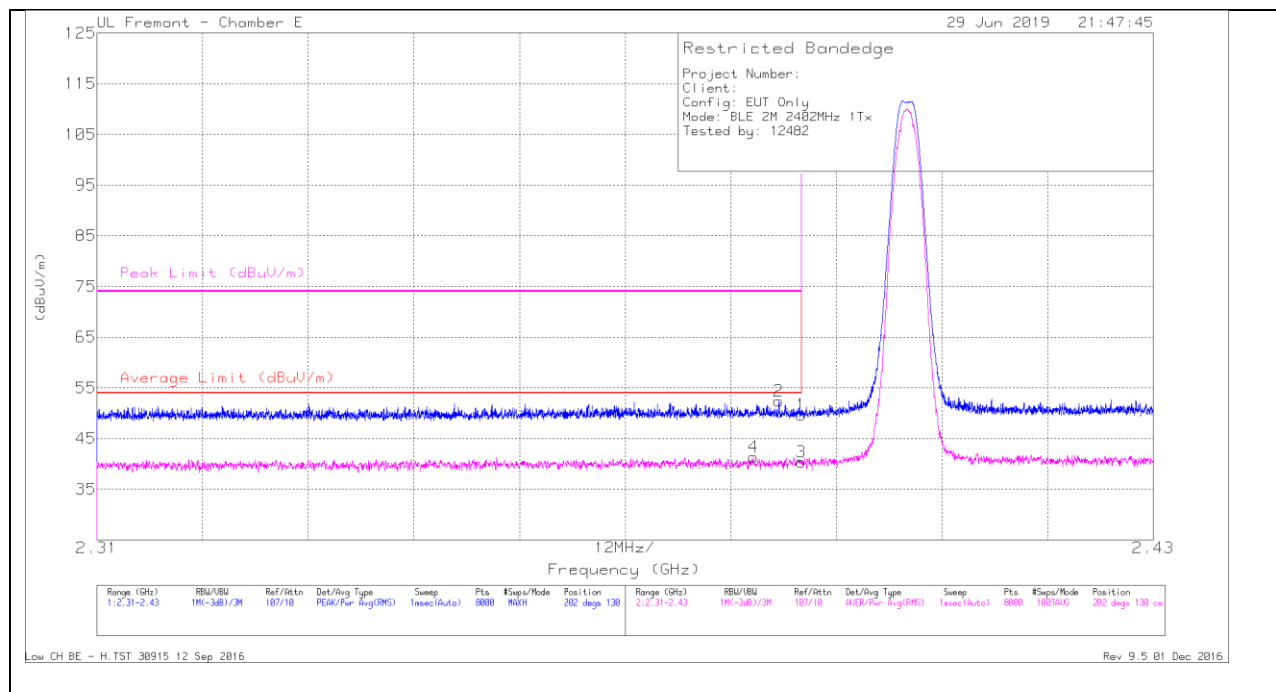
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. HIGH POWER BLE (2Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



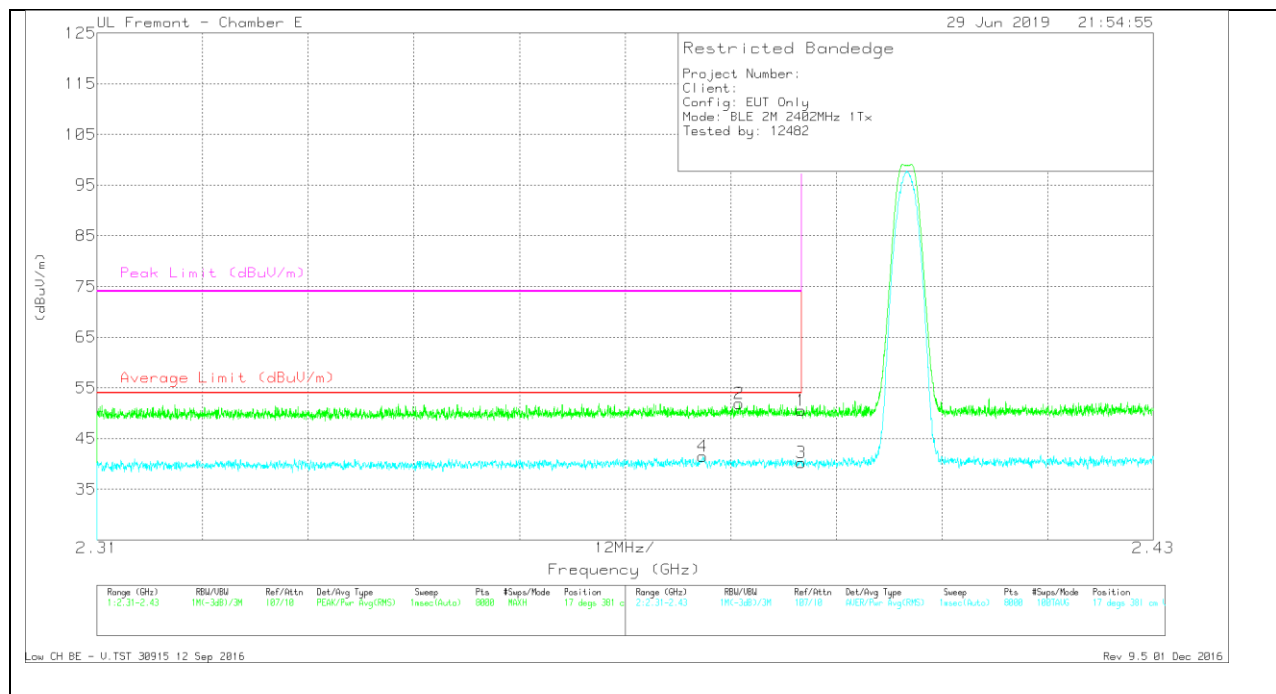
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.385	35.37	RMS	32.3	-26.3	41.37	54	-12.63	-	-	202	130	H
2	* 2.387	46.26	Pk	32.3	-26.2	52.36	-	-	74	-21.64	202	130	H
1	* 2.39	43.55	Pk	32.3	-26.2	49.65	-	-	74	-24.35	202	130	H
3	* 2.39	34.26	RMS	32.3	-26.2	40.36	54	-13.64	-	-	202	130	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

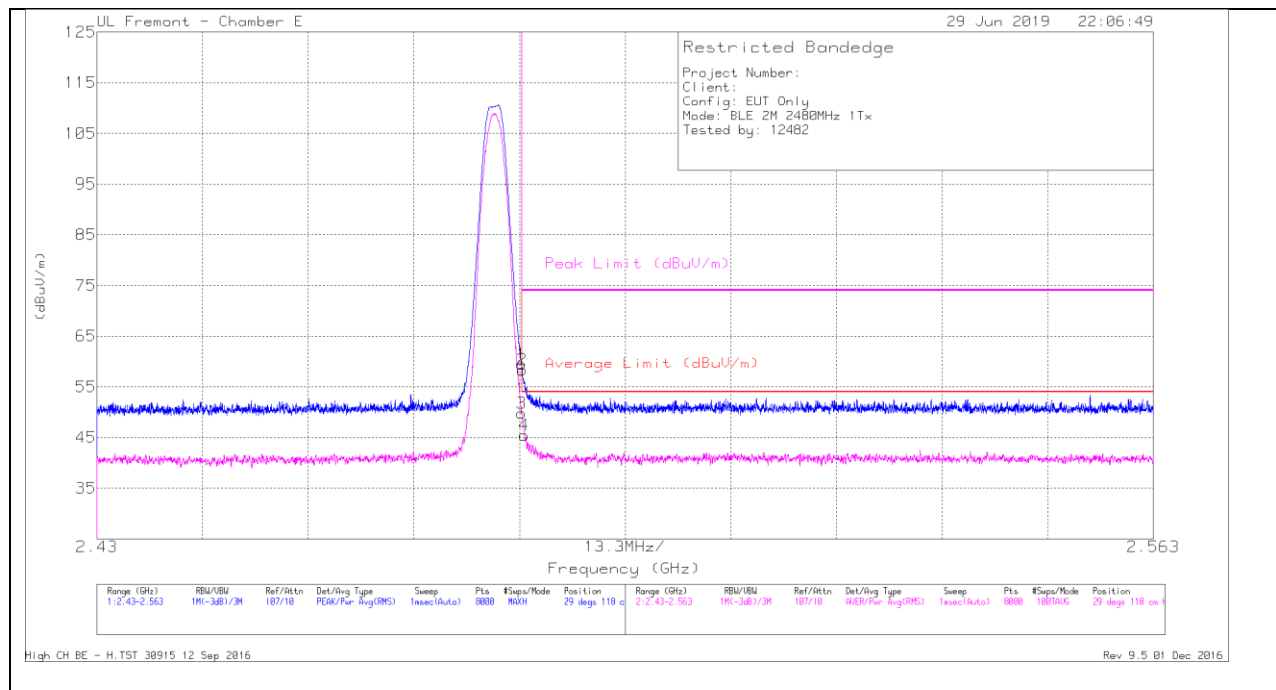


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.379	35.53	RMS	32.2	-26.2	41.53	54	-12.47	-	-	17	381	V
2	* 2.383	45.96	Pk	32.3	-26.3	51.96	-	-	74	-22.04	17	381	V
1	* 2.39	44.46	Pk	32.3	-26.2	50.56	-	-	74	-23.44	17	381	V
3	* 2.39	34.08	RMS	32.3	-26.2	40.18	54	-13.82	-	-	17	381	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

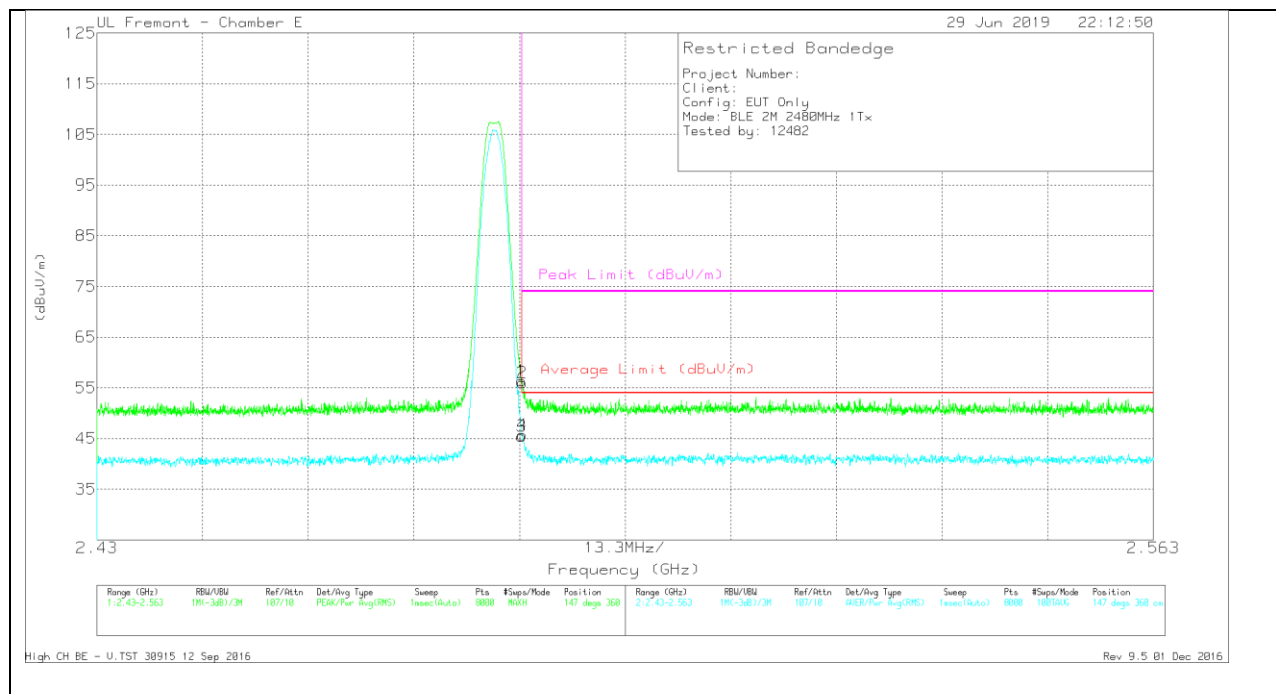
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.98	Pk	32.8	-26.3	59.48	-	-	74	-14.52	29	118	H
2	* 2.484	51.87	Pk	32.8	-26.3	58.37	-	-	74	-15.63	29	118	H
3	* 2.484	43.27	RMS	32.8	-26.3	49.77	54	-4.23	-	-	29	118	H
4	* 2.484	38.92	RMS	32.8	-26.3	45.42	54	-8.58	-	-	29	118	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

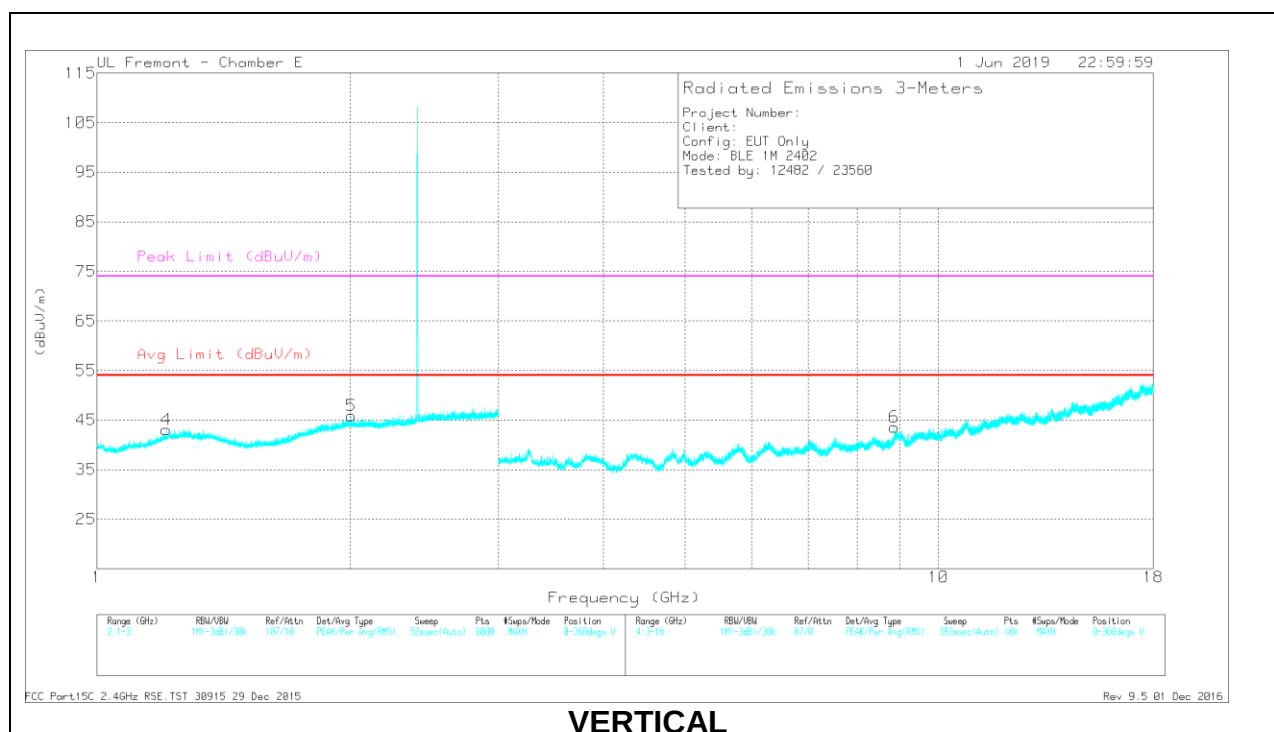
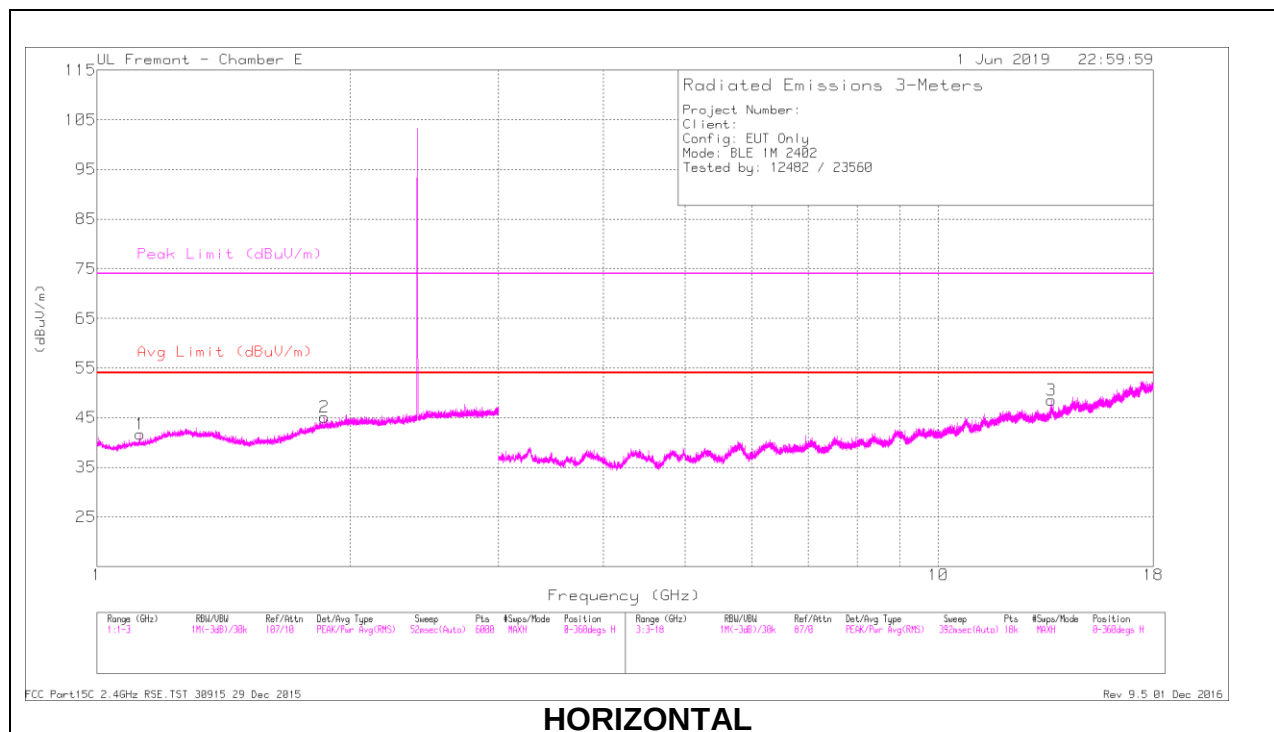


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.85	Pk	32.8	-26.3	56.35	-	-	74	-17.65	147	360	V
2	* 2.484	49.47	Pk	32.8	-26.3	55.97	-	-	74	-18.03	147	360	V
3	* 2.484	38.92	RMS	32.8	-26.3	45.42	54	-8.58	-	-	147	360	V
4	* 2.484	39.16	RMS	32.8	-26.3	45.66	54	-8.34	-	-	147	360	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

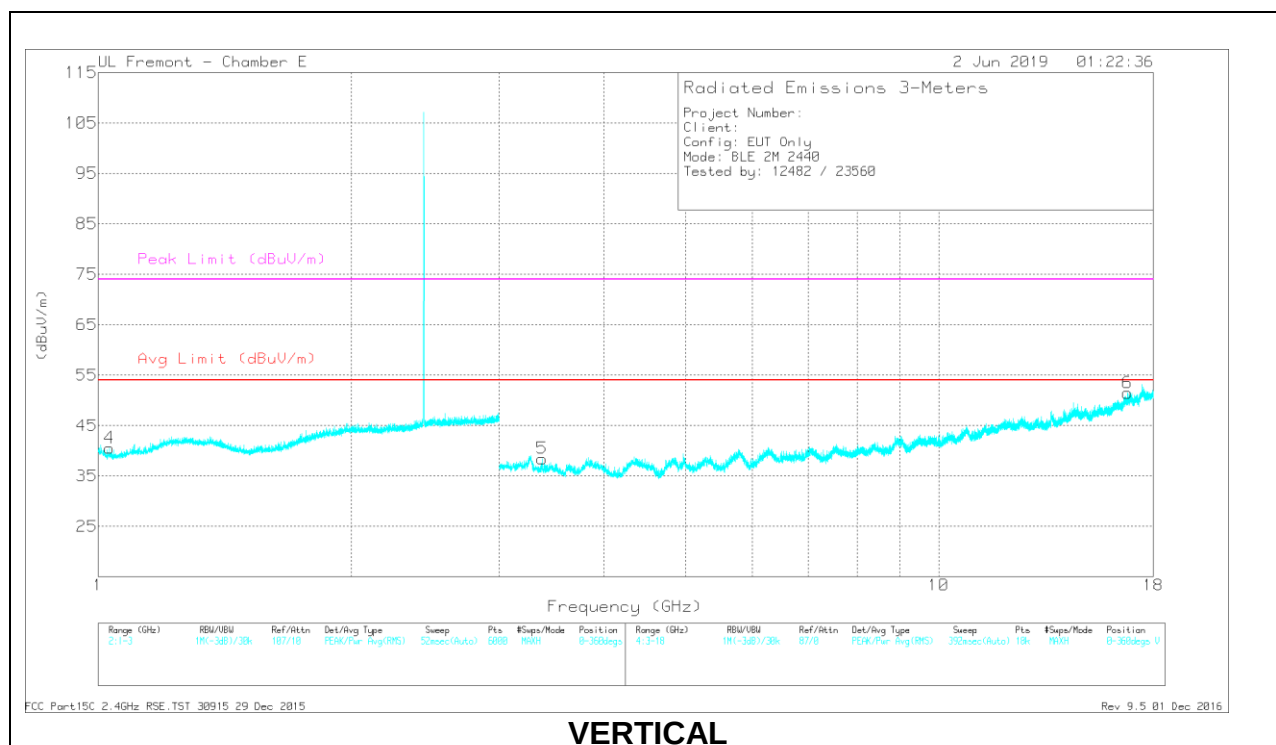
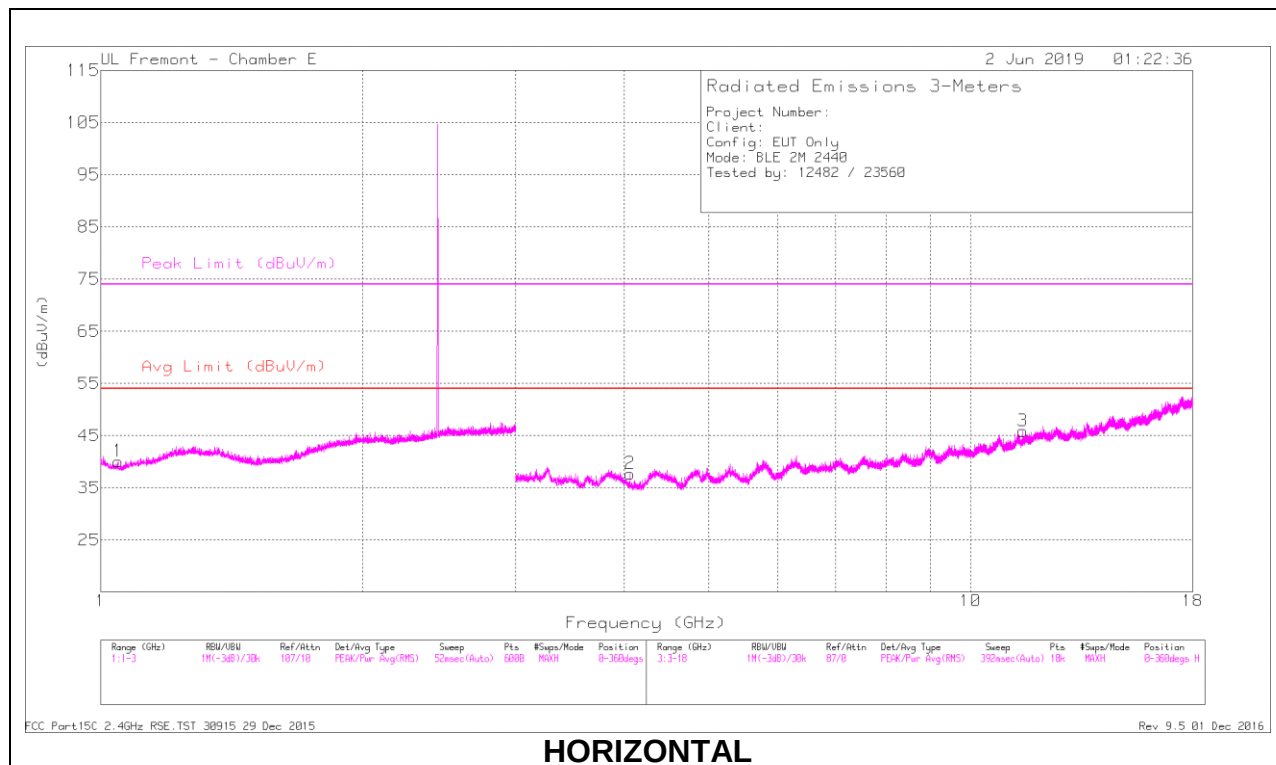
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.126	45.66	PK2	28	-26	47.66	-	-	74	-26.34	52	128	H
	* 1.127	34.07	MAv1	28	-26	36.07	54	-17.93	-	-	52	128	H
2	1.861	46.4	PK2	31	-26.3	51.1	-	-	-	-	154	191	H
3	13.624	36.71	PK2	38.6	-20.5	54.81	-	-	-	-	180	162	H
4	* 1.21	45.72	PK2	29.6	-26.1	49.22	-	-	74	-24.78	296	116	V
	* 1.207	34.2	MAv1	29.5	-26	37.7	54	-16.3	-	-	296	116	V
5	2.004	46.41	PK2	32	-26.3	52.11	-	-	-	-	259	169	V
6	8.867	37.71	PK2	36.1	-24.2	49.61	-	-	-	-	360	102	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

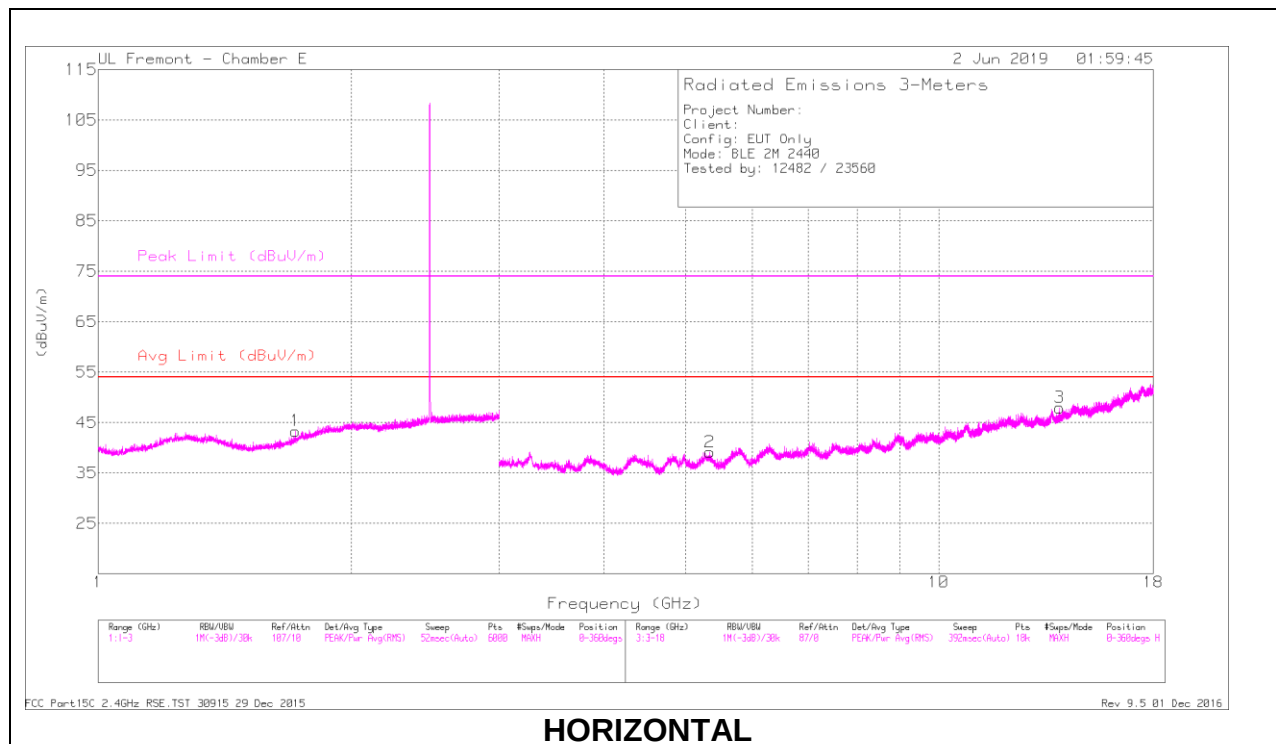
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.048	45.64	PK2	27.1	-25.8	46.94	-	-	74	-27.06	22	147	H
	* 1.047	33.88	MAv1	27.1	-25.8	35.18	54	-18.82	-	-	22	147	H
2	* 4.059	42.32	PK2	33.5	-32.1	43.72	-	-	74	-30.28	339	399	H
	* 4.057	31.09	MAv1	33.5	-32.2	32.39	54	-21.61	-	-	339	399	H
3	* 11.481	36.11	PK2	38.4	-23.2	51.31	-	-	74	-22.69	137	161	H
	* 11.484	25.27	MAv1	38.4	-23.2	40.47	54	-13.53	-	-	137	161	H
4	* 1.032	45.73	PK2	27.2	-25.7	47.23	-	-	74	-26.77	319	391	V
	* 1.03	33.79	MAv1	27.2	-25.8	35.19	54	-18.81	-	-	319	391	V
5	3.376	44.69	PK2	32.9	-32.9	44.69	-	-	-	-	285	268	V
6	16.779	35.34	PK2	41.4	-19	57.74	-	-	-	-	358	132	V

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

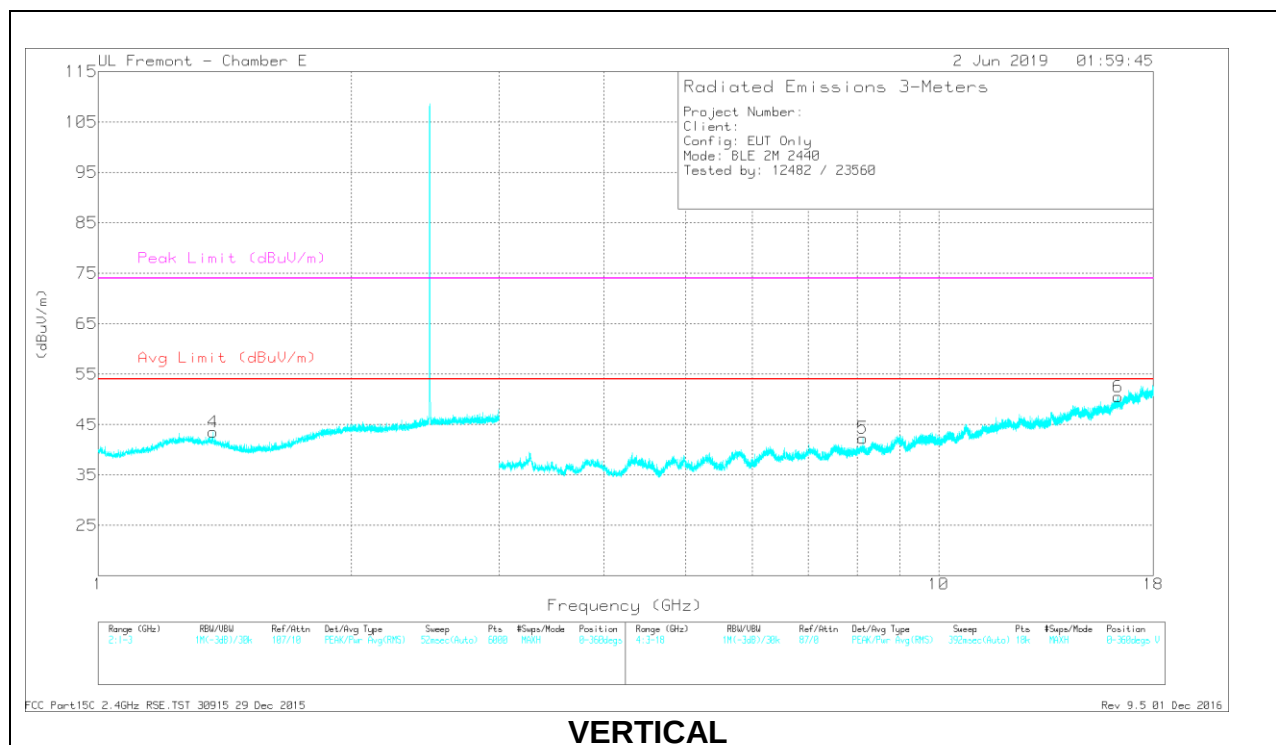
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

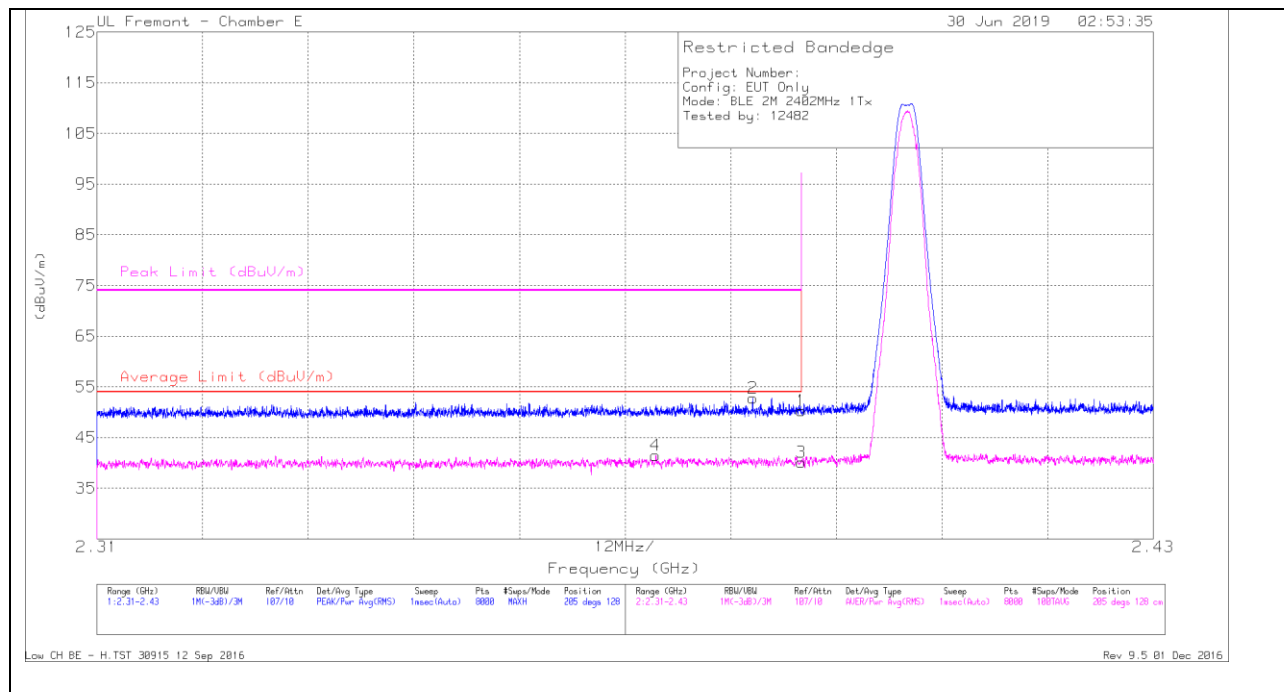
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.719	46.09	PK2	29.5	-26.3	49.29	-	-	-	-	245	180	H
2	5.343	40.94	PK2	34.5	-30.1	45.34	-	-	-	-	189	274	H
3	13.917	36.05	PK2	38.5	-21.1	53.45	-	-	-	-	69	326	H
4	* 1.369	46.44	PK2	29.7	-26.2	49.94	-	-	74	-24.06	360	122	V
	* 1.37	34.39	MAv1	29.7	-26.2	37.89	54	-16.11	-	-	360	122	V
5	* 8.128	38.23	PK2	35.8	-26.9	47.13	-	-	74	-26.87	256	267	V
	* 8.127	27.67	MAv1	35.8	-26.9	36.57	54	-17.43	-	-	256	267	V
6	16.336	34.76	PK2	40.7	-18.9	56.56	-	-	-	-	351	357	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

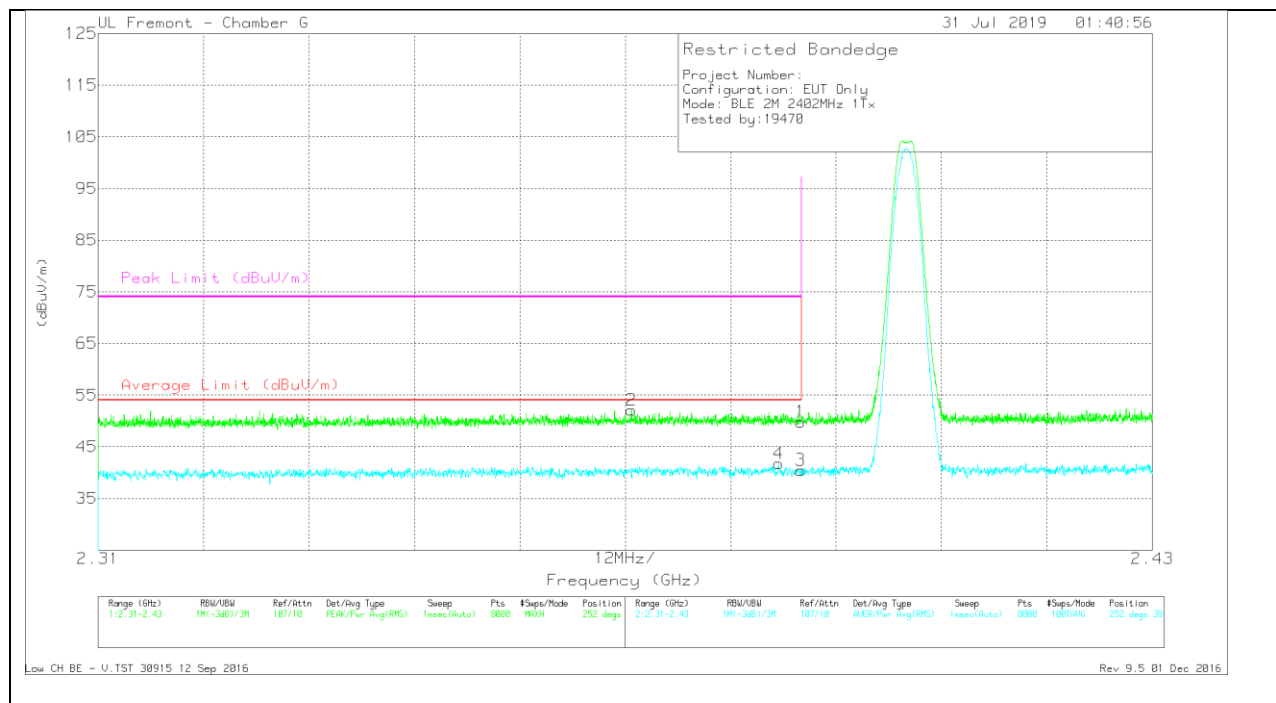
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.21	Pk	32.3	-26.2	50.31	-	-	74	-23.69	205	128	H
2	* 2.385	46.83	Pk	32.3	-26.3	52.83	-	-	74	-21.17	205	128	H
3	* 2.39	34.01	RMS	32.3	-26.2	40.11	54	-13.89	-	-	205	128	H
4	* 2.373	35.56	RMS	32.2	-26.3	41.46	54	-12.54	-	-	205	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.371	42.38	Pk	31.9	-22.2	52.08	-	-	74	-21.92	252	397	V
4	* 2.387	32.04	RMS	31.9	-22.2	41.74	54	-12.26	-	-	252	397	V
1	* 2.39	40.13	PK	31.9	-22.2	49.83	-	-	74	-24.17	252	397	V
3	* 2.39	30.76	RMS	31.9	-22.2	40.46	54	-13.54	-	-	252	397	V

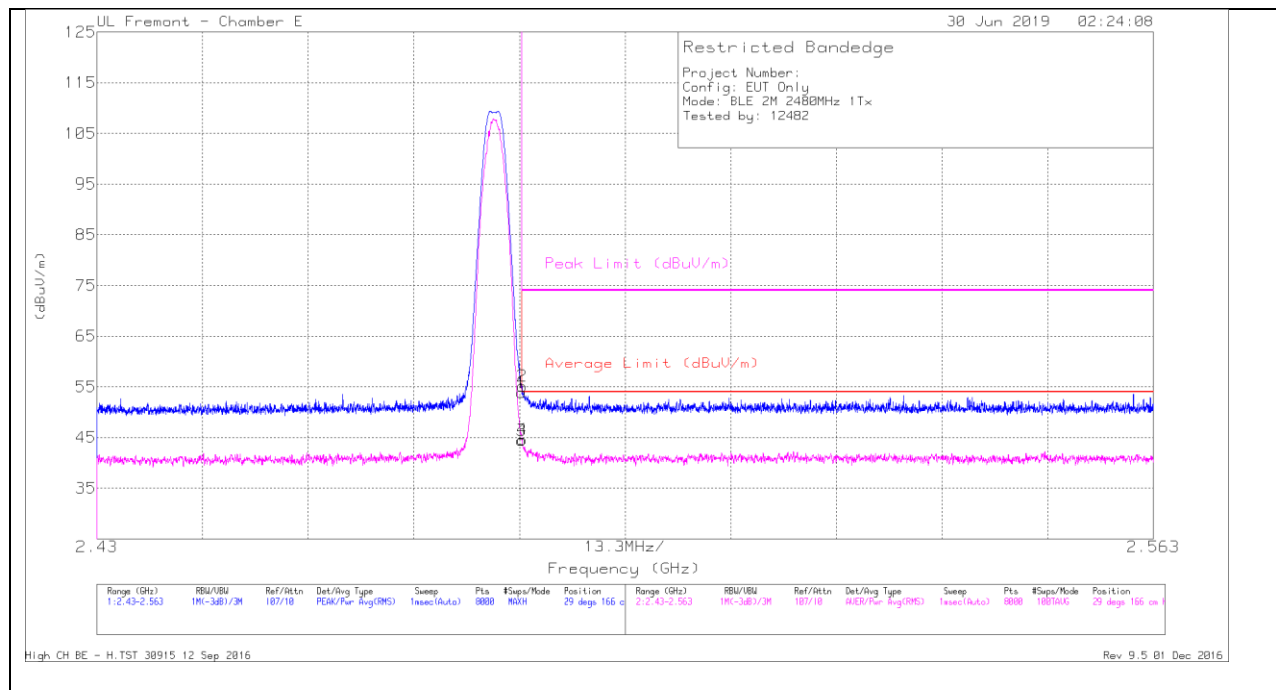
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

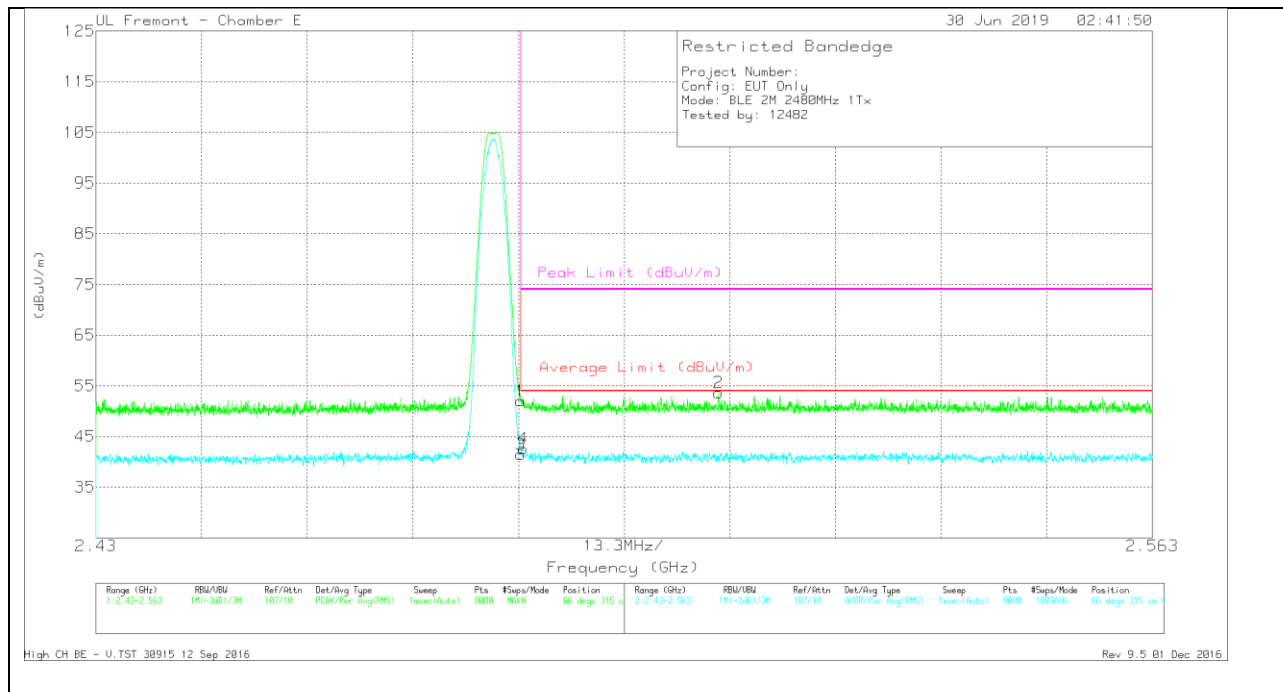
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtri/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.44	Pk	32.8	-26.3	53.94	-	-	74	-20.06	29	166	H
2	* 2.484	48.63	Pk	32.8	-26.3	55.13	-	-	74	-18.87	29	166	H
3	* 2.484	37.98	RMS	32.8	-26.3	44.48	54	-9.52	-	-	29	166	H
4	* 2.484	38.09	RMS	32.8	-26.3	44.59	54	-9.41	-	-	29	166	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

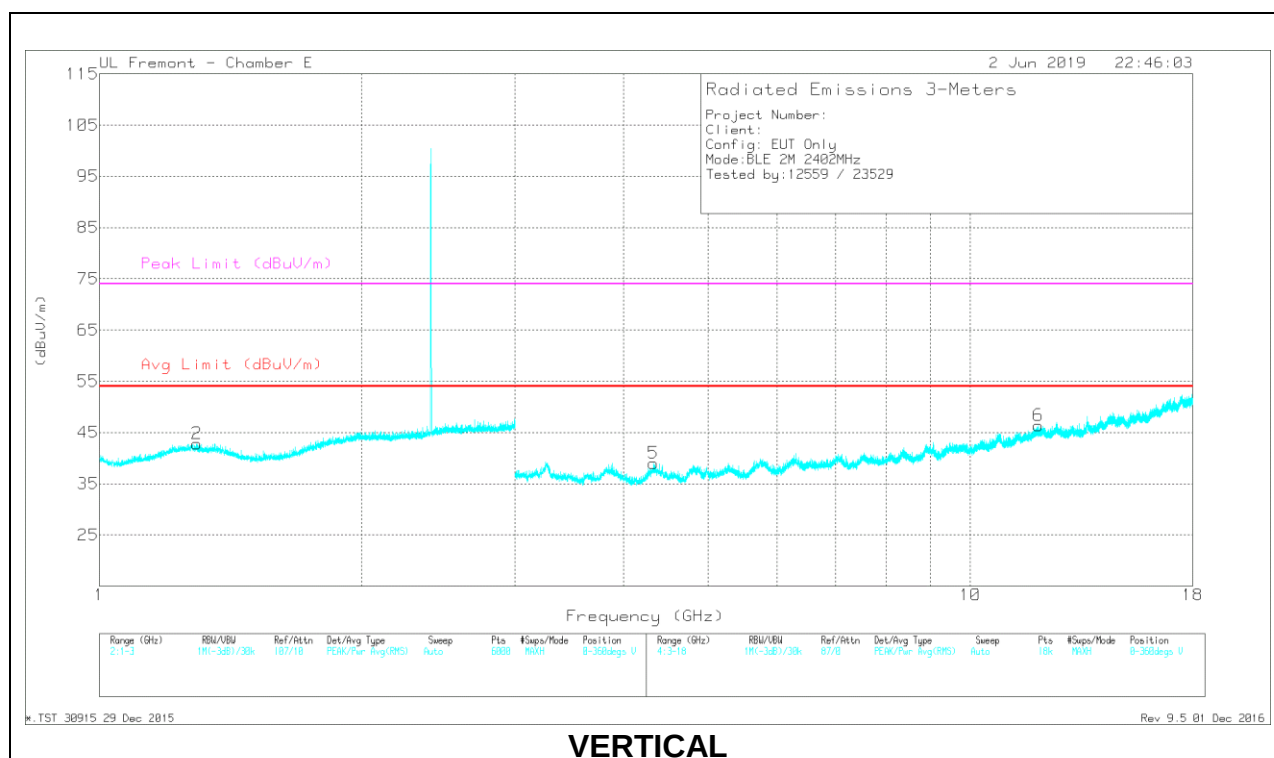
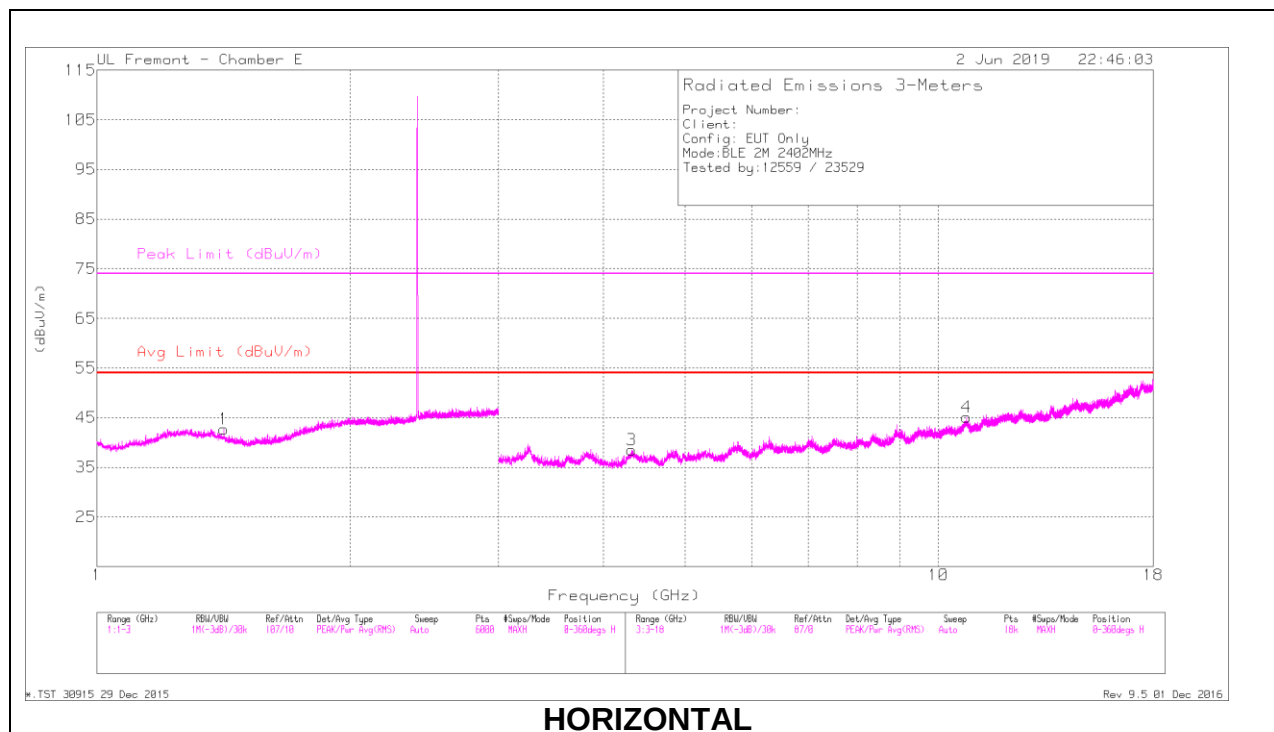


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.53	Pk	32.8	-26.3	52.03	-	-	74	-21.97	66	315	V
3	* 2.484	34.94	RMS	32.8	-26.3	41.44	54	-12.56	-	-	66	315	V
4	* 2.484	36.1	RMS	32.8	-26.3	42.6	54	-11.4	-	-	66	315	V
2	2.508	46.93	Pk	32.9	-26.2	53.63	-	-	74	-20.37	66	315	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

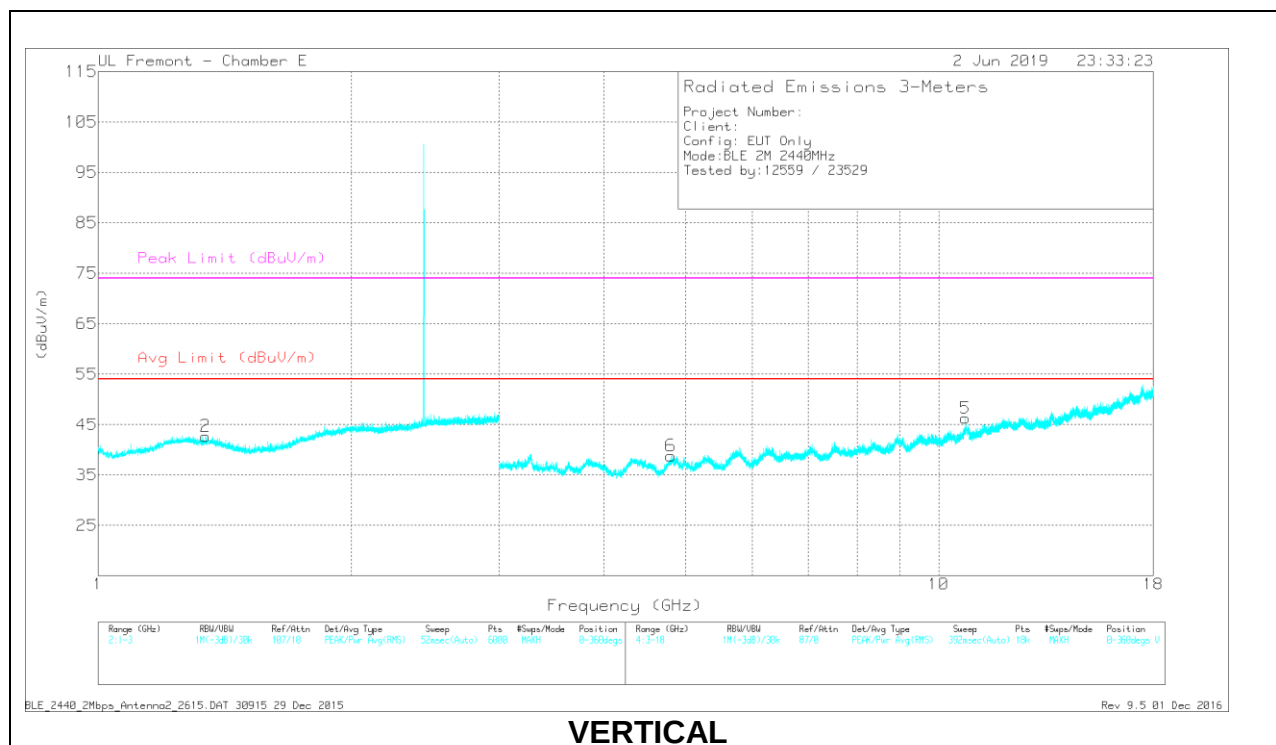
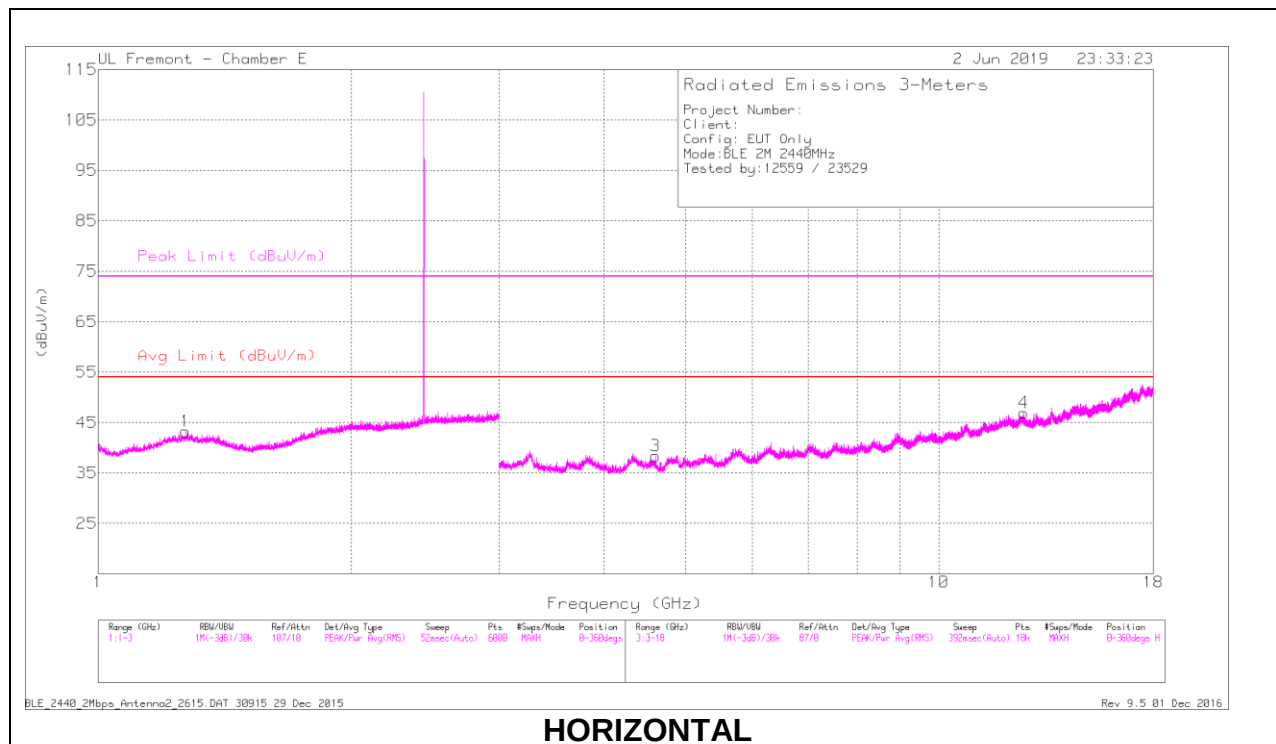
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.415	46.08	PK2	28.9	-26.2	48.78	-	-	74	-25.22	36	131	H
	* 1.413	34.45	MAv1	28.9	-26.2	37.15	54	-16.85	-	-	36	131	H
2	* 1.292	46.04	PK2	30	-26.1	49.94	-	-	74	-24.06	68	200	V
	* 1.292	34.36	MAv1	30	-26.1	38.26	54	-15.74	-	-	68	200	V
3	* 4.317	42.4	PK2	33.7	-30.2	45.9	-	-	74	-28.1	100	300	H
	* 4.32	31.31	MAv1	33.6	-30.1	34.81	54	-19.19	-	-	100	300	H
4	* 10.792	37.02	PK2	37.9	-23	51.92	-	-	74	-22.08	74	395	H
	* 10.795	26.04	MAv1	37.9	-23	40.94	54	-13.06	-	-	74	395	H
5	* 4.331	41.92	PK2	33.6	-29.9	45.62	-	-	74	-28.38	117	312	V
	* 4.331	30.85	MAv1	33.6	-29.9	34.55	54	-19.45	-	-	117	312	V
6	* 11.97	35.7	PK2	39	-22.2	52.5	-	-	74	-21.5	84	327	V
	* 11.972	24.68	MAv1	39	-22.2	41.48	54	-12.52	-	-	84	327	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

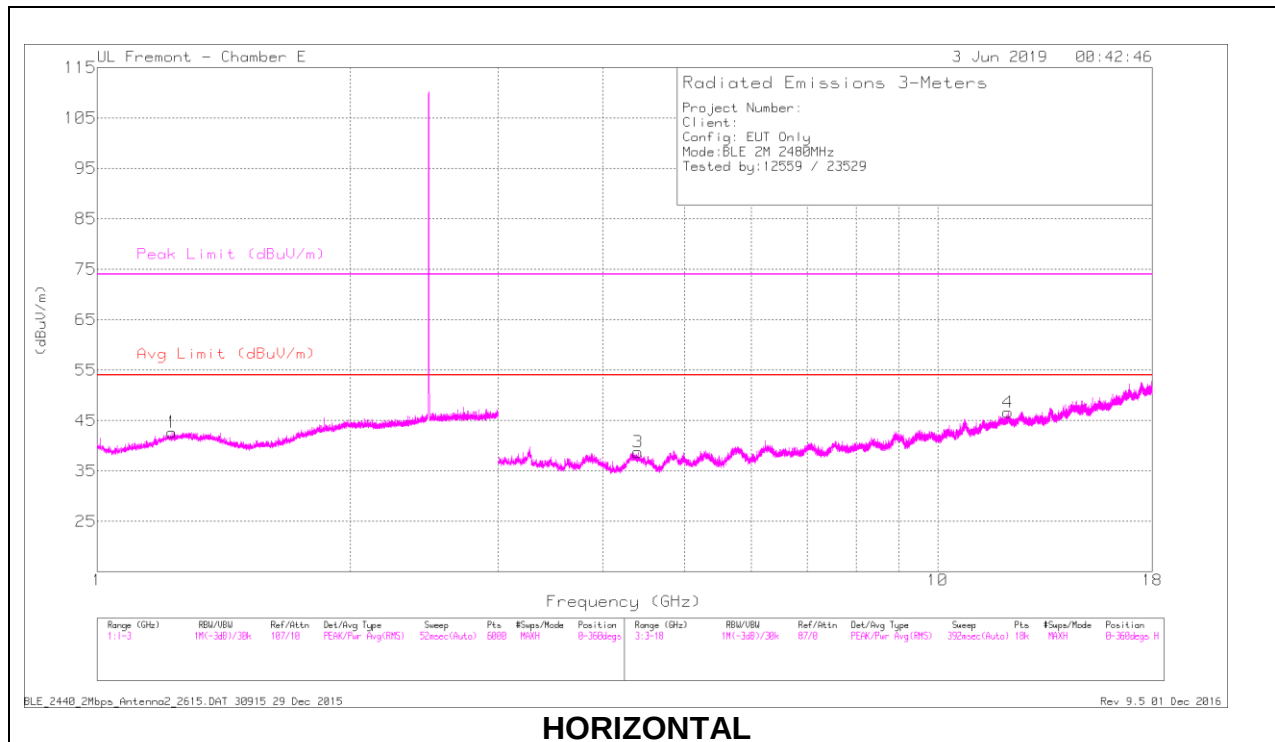
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.269	46.22	PK2	30	-26.1	50.12	-	-	74	-23.88	156	306	H
	* 1.27	34.2	MAv1	30.1	-26.2	38.1	54	-15.9	-	-	156	306	H
2	* 1.345	46.34	PK2	29.6	-26.2	49.74	-	-	74	-24.26	55	353	V
	* 1.343	34.34	MAv1	29.6	-26.2	37.74	54	-16.26	-	-	55	353	V
3	* 4.604	41.68	PK2	34.2	-31.9	43.98	-	-	74	-30.02	186	102	H
	* 4.604	30.54	MAv1	34.2	-31.9	32.84	54	-21.16	-	-	186	102	H
4	* 12.632	35.67	PK2	39	-21.7	52.97	-	-	74	-21.03	256	200	H
	* 12.632	24.38	MAv1	39	-21.7	41.68	54	-12.32	-	-	256	200	H
6	* 4.803	41.78	PK2	34.1	-30.4	45.48	-	-	74	-28.52	212	174	V
	* 4.804	30.46	MAv1	34.1	-30.4	34.16	54	-19.84	-	-	212	174	V
5	* 10.755	37.29	PK2	37.9	-23.7	51.49	-	-	74	-22.51	201	190	V
	* 10.756	25.91	MAv1	37.9	-23.6	40.21	54	-13.79	-	-	201	190	V

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

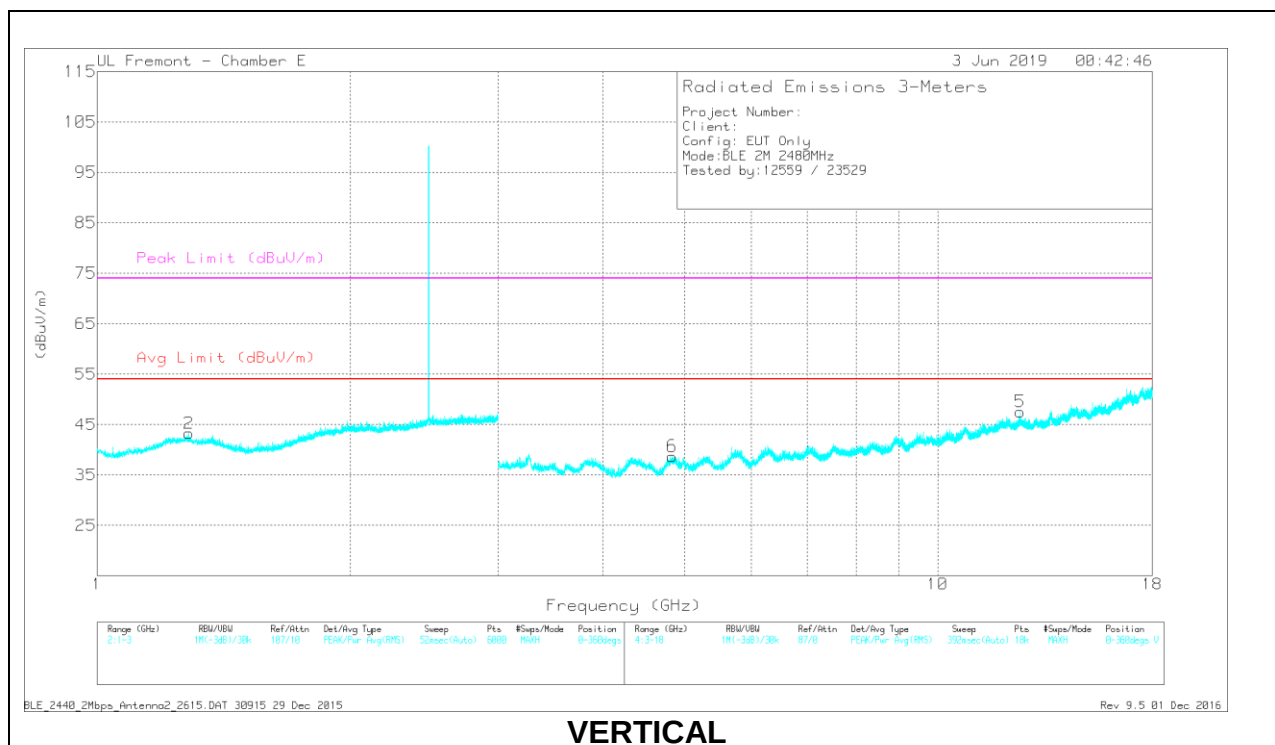
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.228	45.61	PK2	29.8	-26.1	49.31	-	-	74	-24.69	294	187	H
	* 1.227	34.11	MAv1	29.8	-26.1	37.81	54	-16.19	-	-	294	187	H
2	* 1.287	46.03	PK2	30	-26.2	49.83	-	-	74	-24.17	137	198	V
	* 1.286	34.35	MAv1	30	-26.2	38.15	54	-15.85	-	-	137	198	V
3	* 4.399	41.83	PK2	33.7	-29.8	45.73	-	-	74	-28.27	231	223	H
	* 4.399	30.35	MAv1	33.7	-29.8	34.25	54	-19.75	-	-	231	223	H
4	* 12.125	35.35	PK2	39	-21.6	52.75	-	-	74	-21.25	92	109	H
	* 12.126	24.81	MAv1	39	-21.6	42.21	54	-11.79	-	-	92	109	H
5	* 12.545	35.27	PK2	39	-21.1	53.17	-	-	74	-20.83	112	121	V
	* 12.542	24.42	MAv1	39	-21.1	42.32	54	-11.68	-	-	112	121	V
6	* 4.832	42.19	PK2	34.2	-30.2	46.19	-	-	74	-27.81	181	178	V
	* 4.831	30.56	MAv1	34.2	-30.1	34.66	54	-19.34	-	-	181	178	V

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

PK2 - KDB558074 Method: Maximum Peak

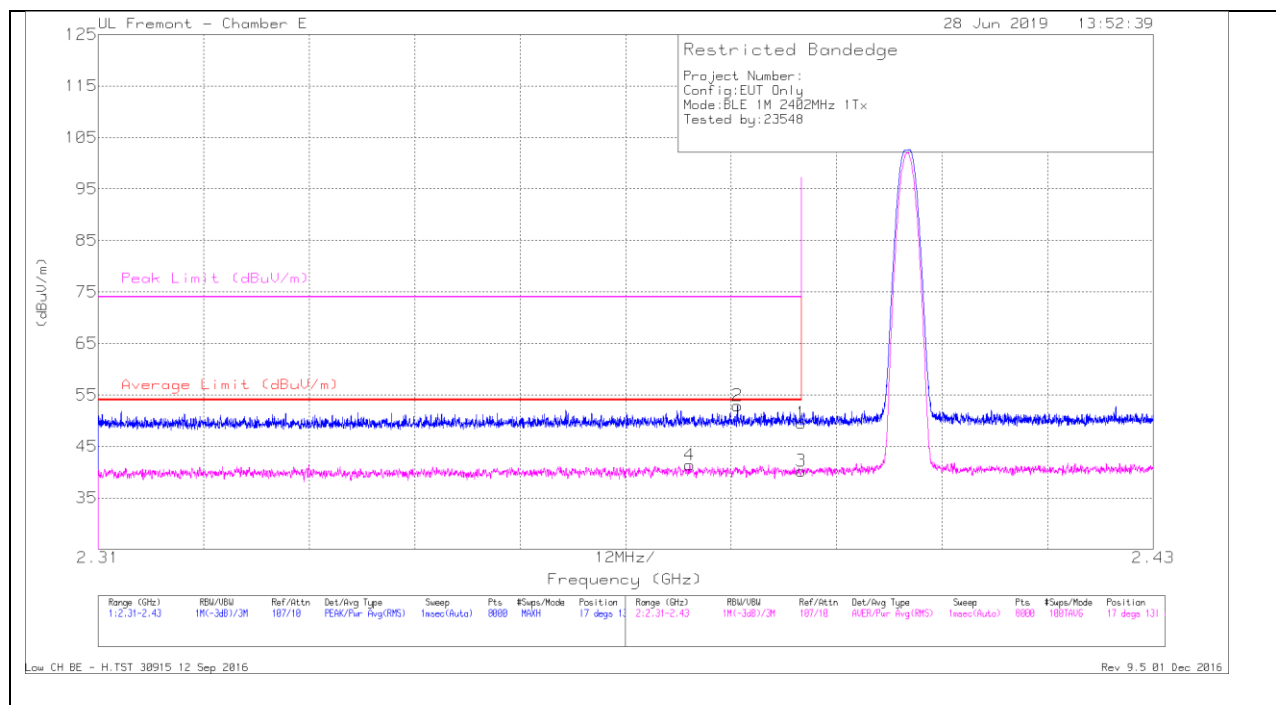
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. LOW POWER BLE (1Mbps)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



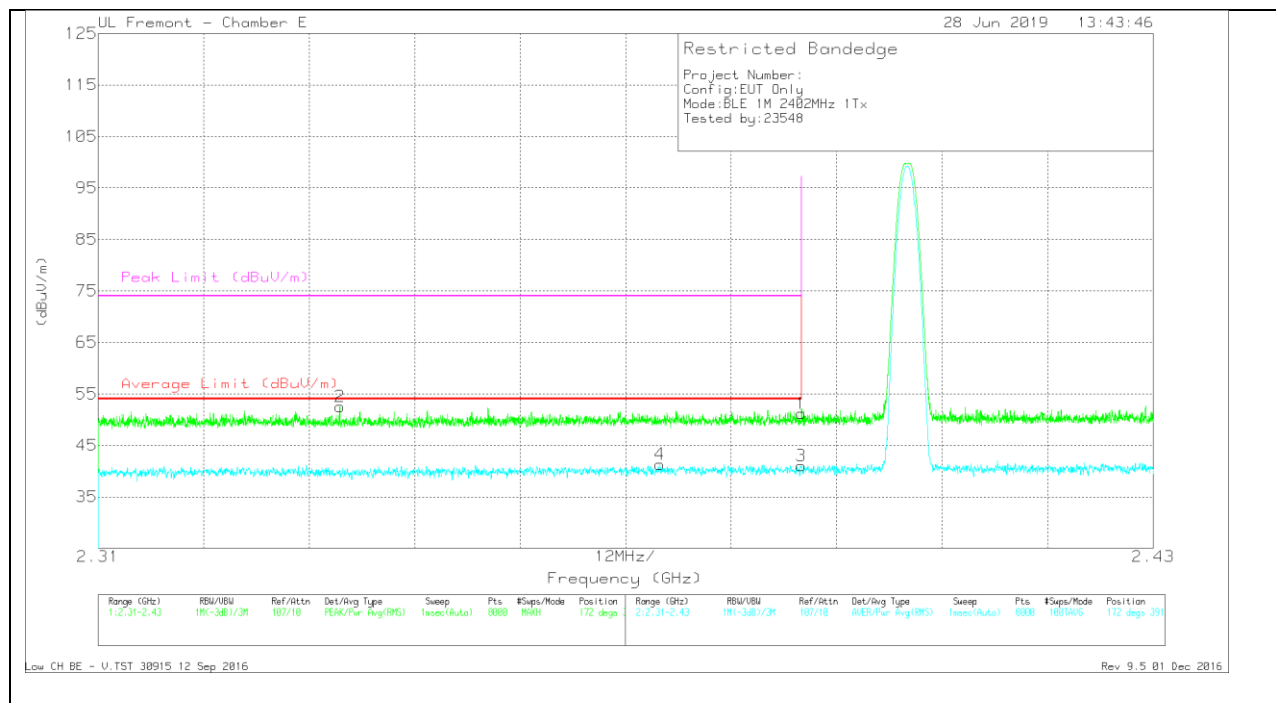
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.42	Pk	32.3	-26.2	49.52	-	-	74	-24.48	17	131	H
2	* 2.383	46.92	Pk	32.3	-26.3	52.92	-	-	74	-21.08	17	131	H
3	* 2.39	34.13	RMS	32.3	-26.2	40.23	54	-13.77	-	-	17	131	H
4	* 2.377	35.42	RMS	32.2	-26.2	41.42	54	-12.58	-	-	17	131	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

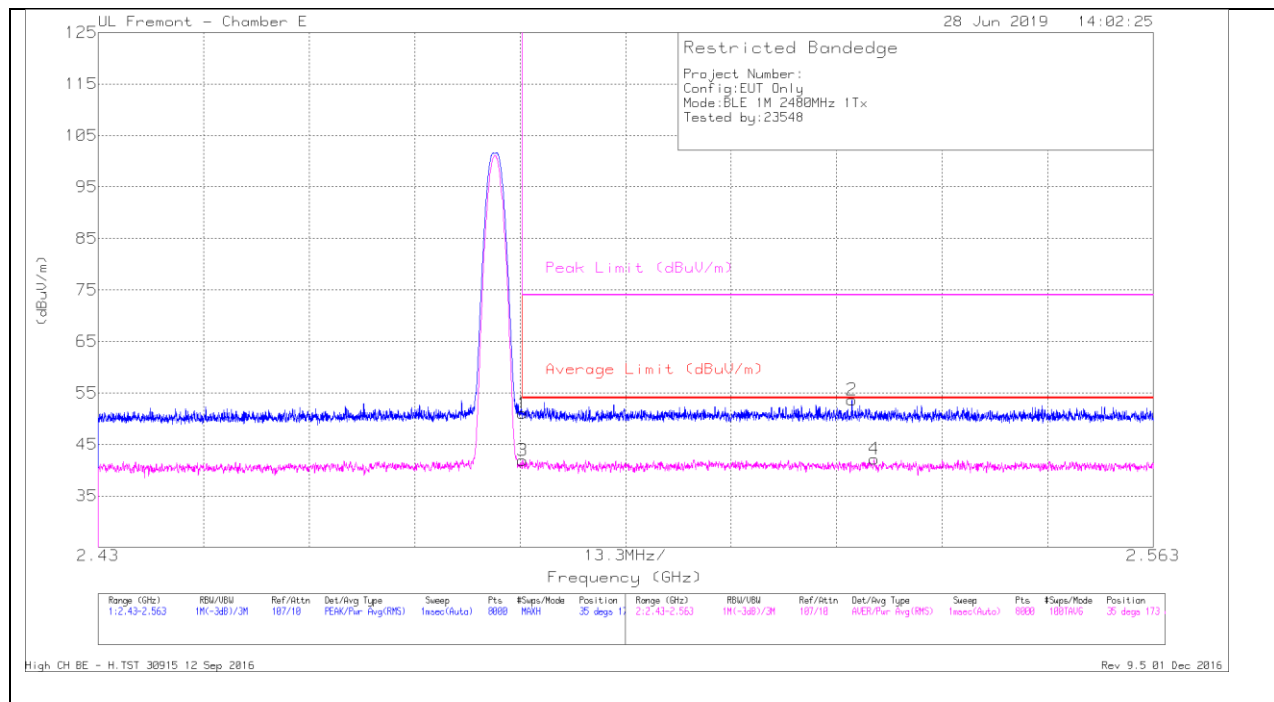


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.05	Pk	32.3	-26.2	51.15	-	-	74	-22.85	172	391	V
2	* 2.337	46.83	Pk	31.9	-26.2	52.53	-	-	74	-21.47	172	391	V
3	* 2.39	34.92	RMS	32.3	-26.2	41.02	54	-12.98	-	-	172	391	V
4	* 2.374	35.42	RMS	32.2	-26.3	41.32	54	-12.68	-	-	172	391	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

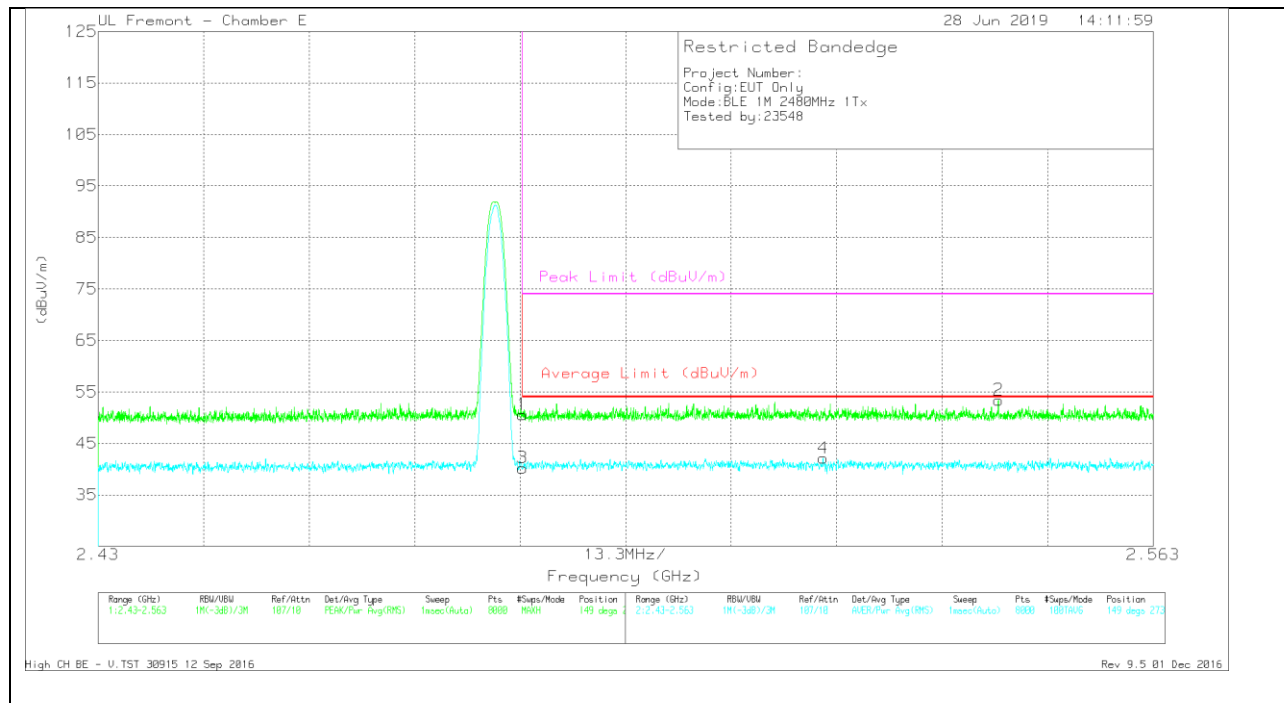
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.57	Pk	32.8	-26.3	51.07	-	-	74	-22.93	35	173	H
3	* 2.484	35.42	RMS	32.8	-26.3	41.92	54	-12.08	-	-	35	173	H
2	2.525	46.96	Pk	32.9	-26.2	53.66	-	-	74	-20.34	35	173	H
4	2.528	35.48	RMS	32.9	-26.2	42.18	54	-11.82	-	-	35	173	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

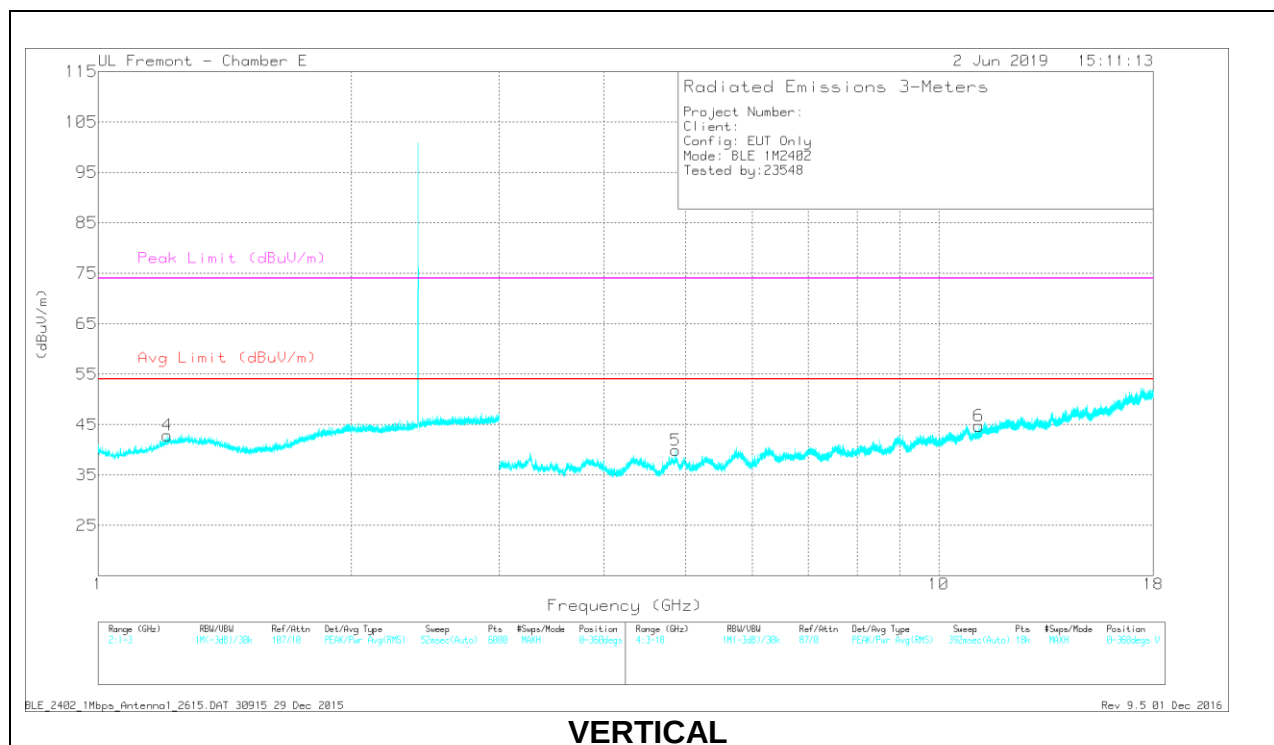
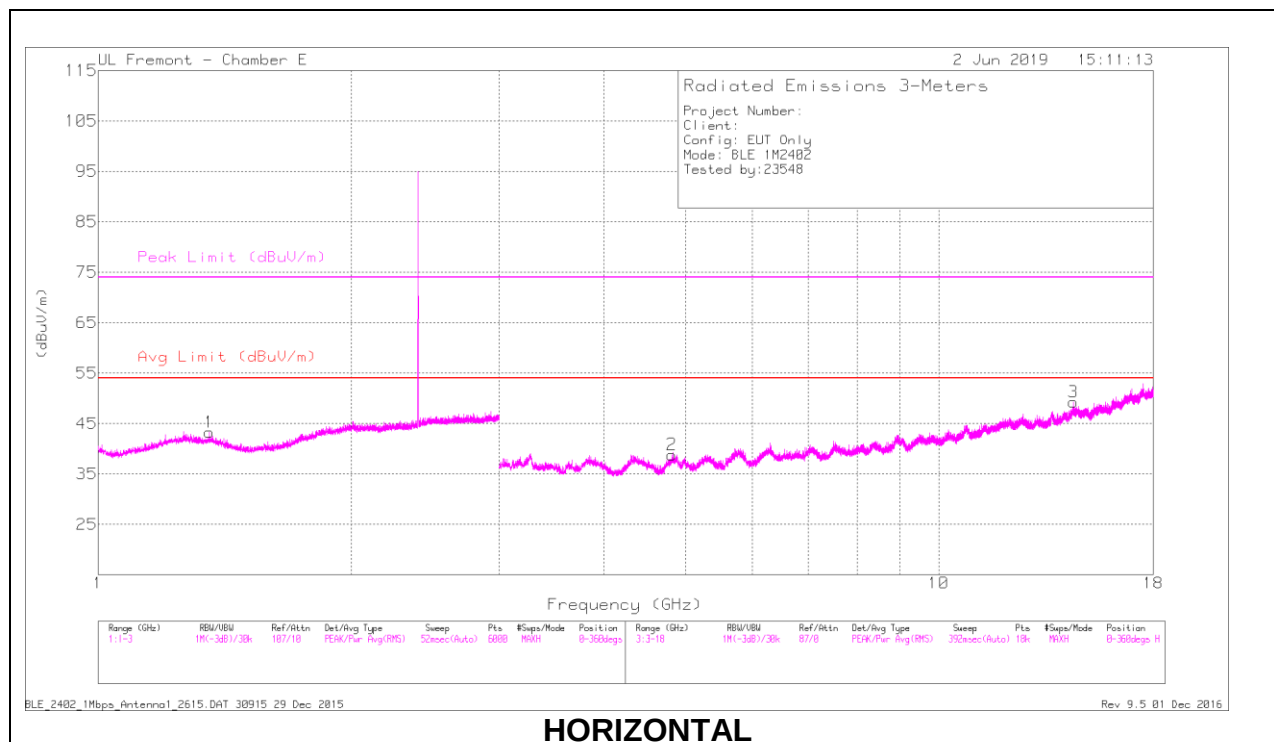


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.12	Pk	32.8	-26.3	50.62	-	-	74	-23.38	149	273	V
3	* 2.484	33.75	RMS	32.8	-26.3	40.25	54	-13.75	-	-	149	273	V
4	2.521	35.55	RMS	32.9	-26.3	42.15	54	-11.85	-	-	149	273	V
2	2.543	47.01	Pk	32.8	-26.4	53.41	-	-	74	-20.59	149	273	V

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

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL RESULTS**

RADIATED EMISSIONS

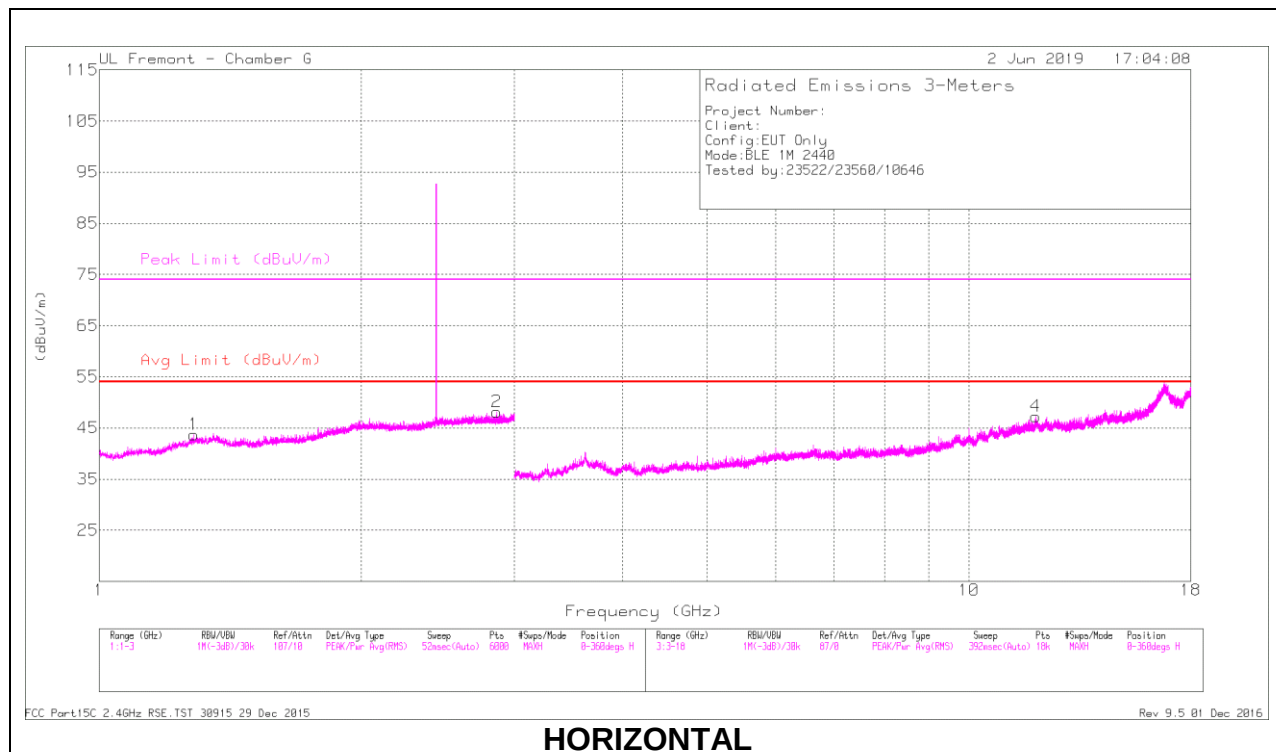
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.357	45.84	PK2	29.7	-26.2	49.34	-	-	74	-24.66	213	346	H
	* 1.359	33.92	MAv1	29.7	-26.2	37.42	54	-16.58	-	-	213	346	H
2	* 4.815	41.6	PK2	34.1	-30.1	45.6	-	-	74	-28.4	68	262	H
	* 4.812	29.81	MAv1	34.1	-30.2	33.71	54	-20.29	-	-	68	262	H
3	14.462	35.7	PK2	39.7	-20.2	55.2	-	-	-	-	0	362	H
4	* 1.21	45.71	PK2	29.5	-26.1	49.11	-	-	74	-24.89	202	103	V
	* 1.209	33.73	MAv1	29.5	-26.1	37.13	54	-16.87	-	-	202	103	V
5	* 4.867	41.45	PK2	34	-29.8	45.65	-	-	74	-28.35	107	179	V
	* 4.868	29.79	MAv1	34	-29.8	33.99	54	-20.01	-	-	107	179	V
6	* 11.165	36.85	PK2	37.9	-23.9	50.85	-	-	74	-23.15	294	101	V
	* 11.166	24.93	MAv1	37.9	-23.9	38.93	54	-15.07	-	-	294	101	V

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

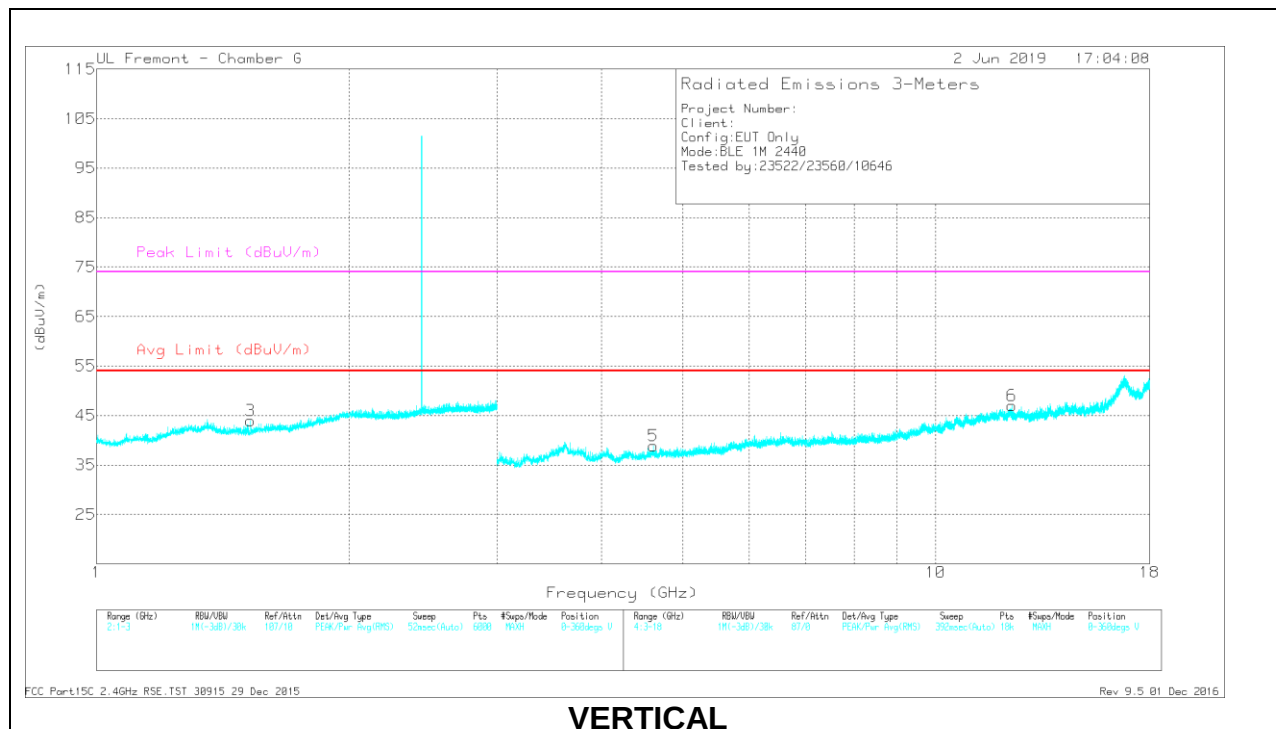
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

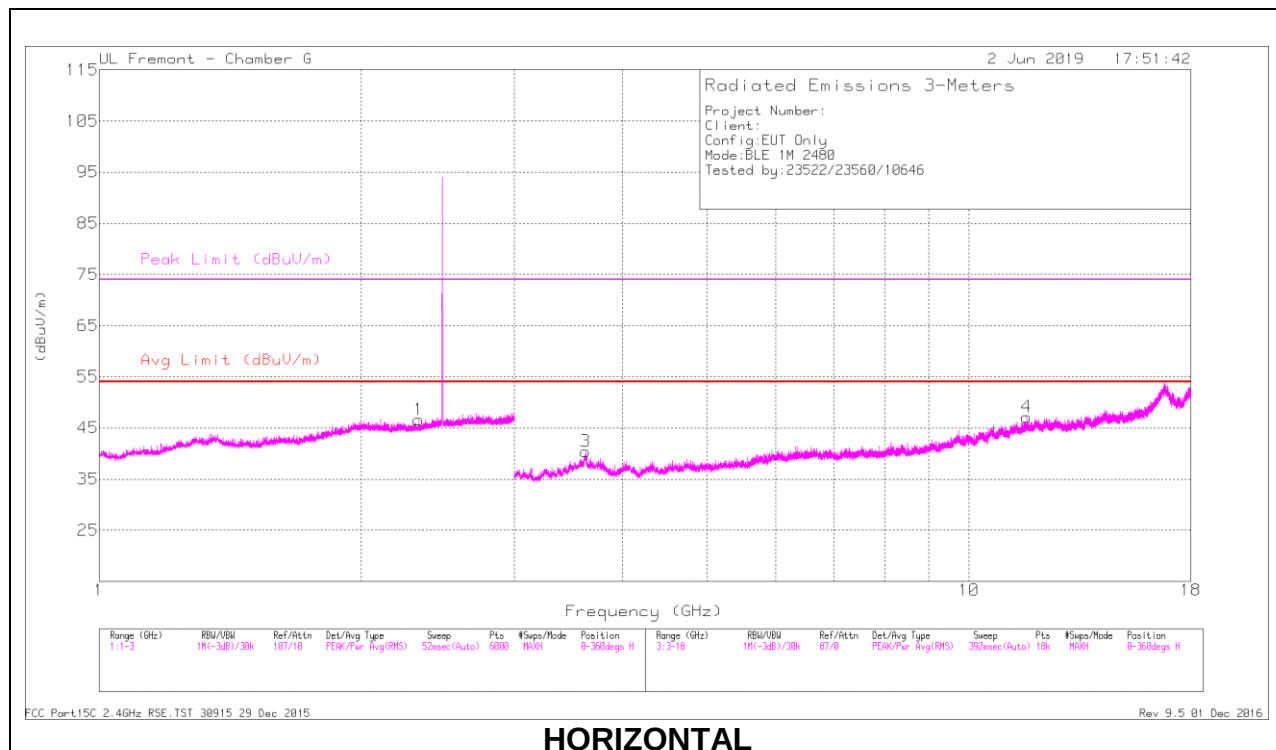
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.282	44.16	PK2	29.7	-23.6	50.26	-	-	74	-23.74	116	135	H
	* 1.284	32.31	MAv1	29.7	-23.6	38.41	54	-15.59	-	-	116	135	H
2	* 2.862	43.4	PK2	32.7	-21.9	54.2	-	-	74	-19.8	249	268	H
	* 2.864	31.92	MAv1	32.7	-21.9	42.72	54	-11.28	-	-	249	268	H
3	* 1.526	44.22	PK2	27.7	-21.8	50.12	-	-	74	-23.88	301	183	V
	* 1.525	32.12	MAv1	27.7	-21.8	38.02	54	-15.98	-	-	301	183	V
4	* 11.935	36.86	PK2	39.5	-22.3	54.06	-	-	74	-19.94	52	235	H
	* 11.936	25.12	MAv1	39.5	-22.3	42.32	54	-11.68	-	-	52	235	H
5	* 4.611	40.58	PK2	34.3	-29.6	45.28	-	-	74	-28.72	319	113	V
	* 4.612	29.36	MAv1	34.3	-29.6	34.06	54	-19.94	-	-	319	113	V
6	* 12.329	36.41	PK2	39.5	-23.1	52.81	-	-	74	-21.19	138	344	V
	* 12.329	25.45	MAv1	39.5	-23.2	41.75	54	-12.25	-	-	138	344	V

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

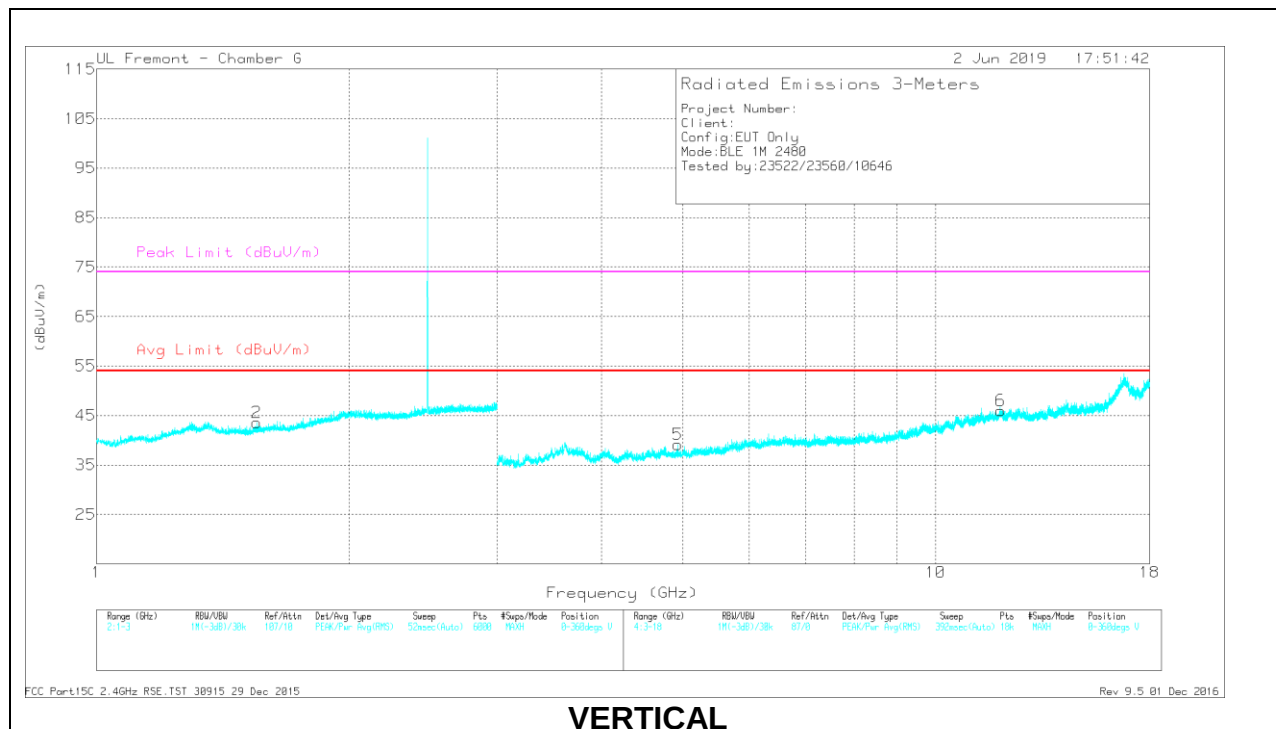
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

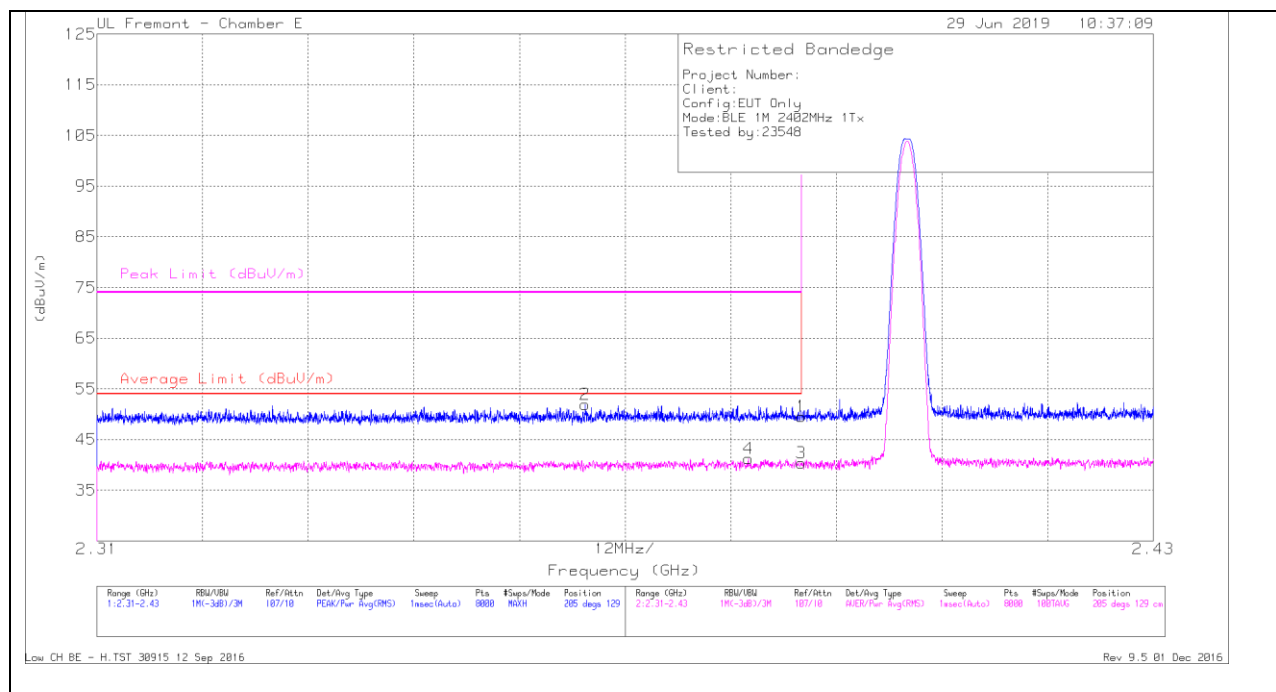
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.33	44.63	PK2	31.6	-22.3	53.93	-	-	74	-20.07	53	365	H
	* 2.328	31.97	MAv1	31.6	-22.3	41.27	54	-12.73	-	-	53	365	H
2	* 1.553	43.63	PK2	27.9	-21.4	50.13	-	-	74	-23.87	175	111	V
	* 1.551	31.8	MAv1	27.9	-21.5	38.2	54	-15.8	-	-	175	111	V
3	* 3.621	41.87	PK2	35.7	-30	47.57	-	-	74	-26.43	263	298	H
	* 3.624	30.3	MAv1	35.5	-29.9	35.9	54	-18.1	-	-	263	298	H
4	* 11.648	36.34	PK2	39.2	-22.6	52.94	-	-	74	-21.06	143	139	H
	* 11.648	25.26	MAv1	39.2	-22.6	41.86	54	-12.14	-	-	143	139	H
5	* 4.931	40.24	PK2	34.2	-29.7	44.74	-	-	74	-29.26	50	232	V
	* 4.933	29.23	MAv1	34.2	-29.6	33.83	54	-20.17	-	-	50	232	V
6	* 11.965	36.34	PK2	39.4	-22	53.74	-	-	74	-20.26	80	119	V
	* 11.965	24.71	MAv1	39.4	-22	42.11	54	-11.89	-	-	80	119	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

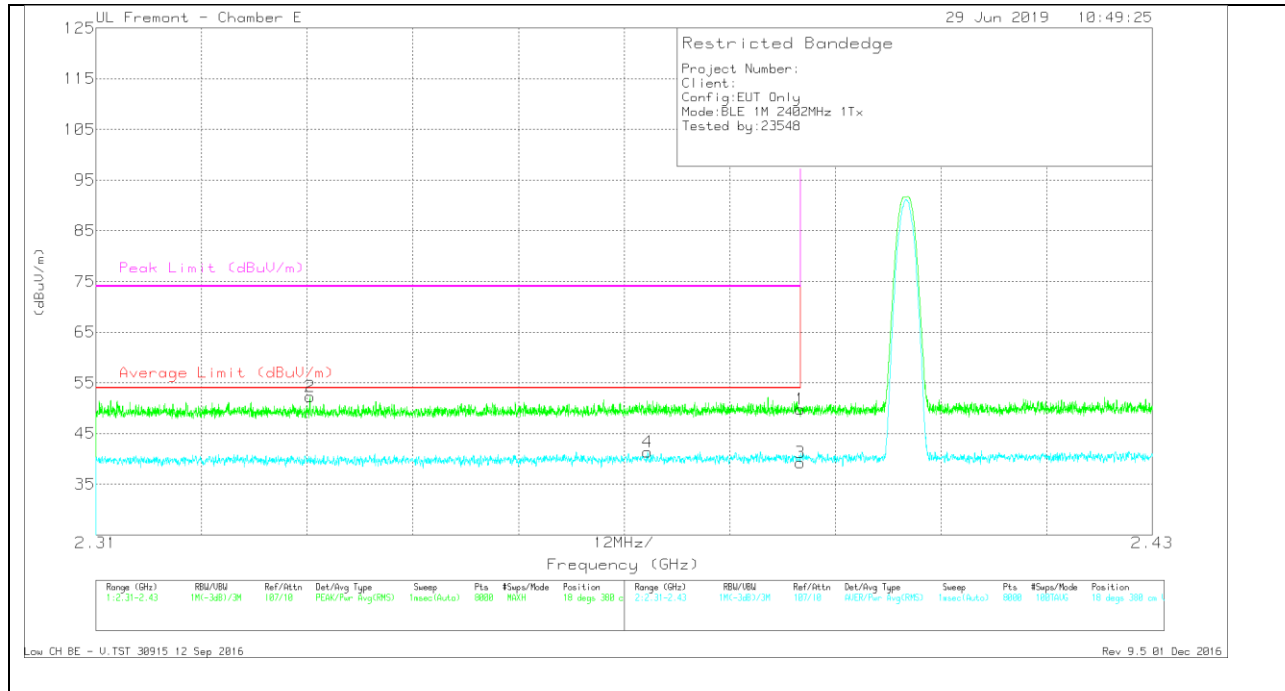
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.39	Pk	32.3	-26.2	49.49	-	-	74	-24.51	205	129	H
2	* 2.365	46.13	Pk	32.1	-26.3	51.93	-	-	74	-22.07	205	129	H
3	* 2.39	34.25	RMS	32.3	-26.2	40.35	54	-13.65	-	-	205	129	H
4	* 2.384	35.26	RMS	32.3	-26.3	41.26	54	-12.74	-	-	205	129	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

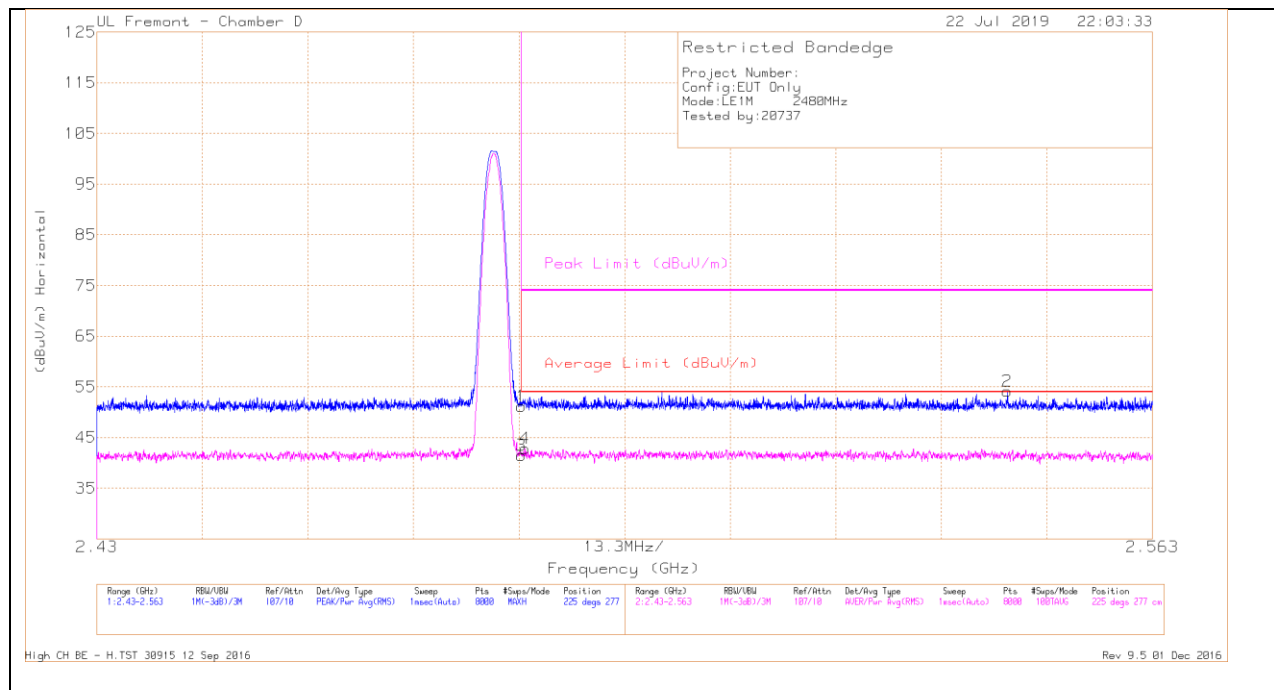


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.66	Pk	32.3	-26.2	49.76	-	-	74	-24.24	18	380	V
2	* 2.334	46.67	PK	31.9	-26.3	52.27	-	-	74	-21.73	18	380	V
3	* 2.39	33.15	RMS	32.3	-26.2	39.25	54	-14.75	-	-	18	380	V
4	* 2.373	35.48	RMS	32.2	-26.3	41.38	54	-12.62	-	-	18	380	V

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

Pk - Peak detector

RMS - RMS detection

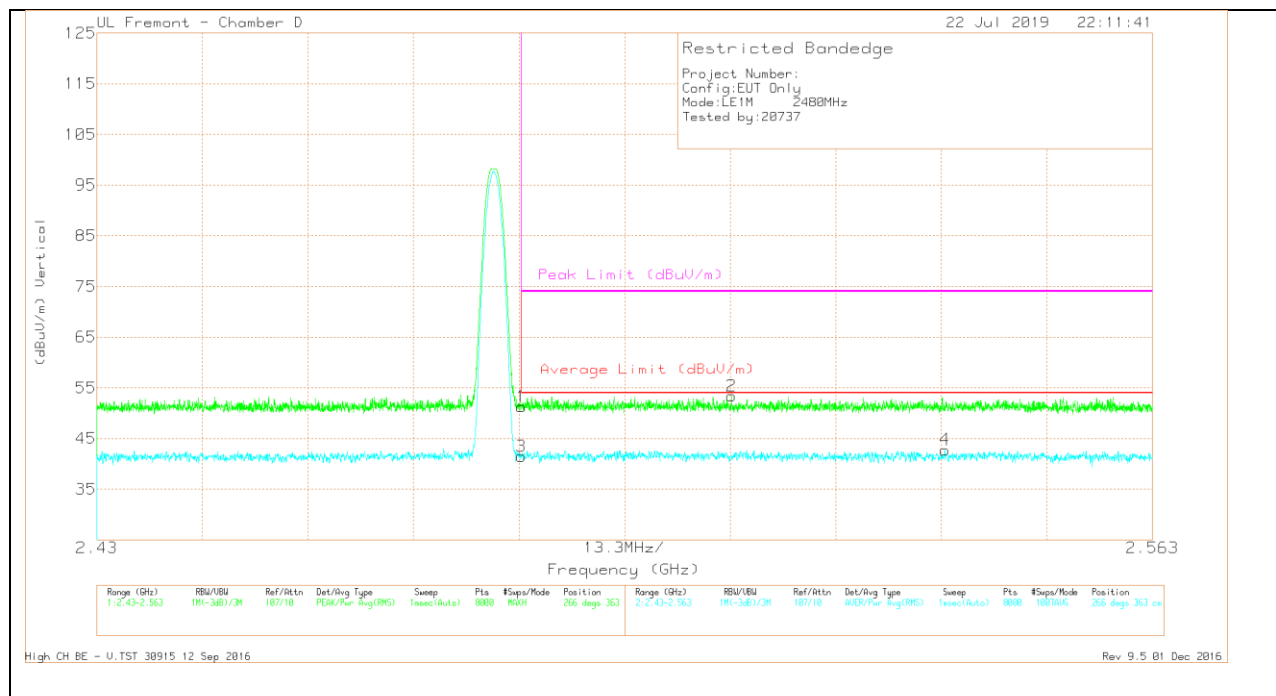
BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.46	Pk	32.4	-20.6	51.26	-	-	74	-22.74	266	363	V
3	* 2.484	29.62	RMS	32.4	-20.6	41.42	54	-12.58	-	-	266	363	V
2	2.51	41.48	Pk	32.3	-20.4	53.38	-	-	74	-20.62	266	363	V
4	2.537	31.08	RMS	32.2	-20.5	42.78	54	-11.22	-	-	266	363	V

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

Pk - Peak detector

RMS - RMS detection