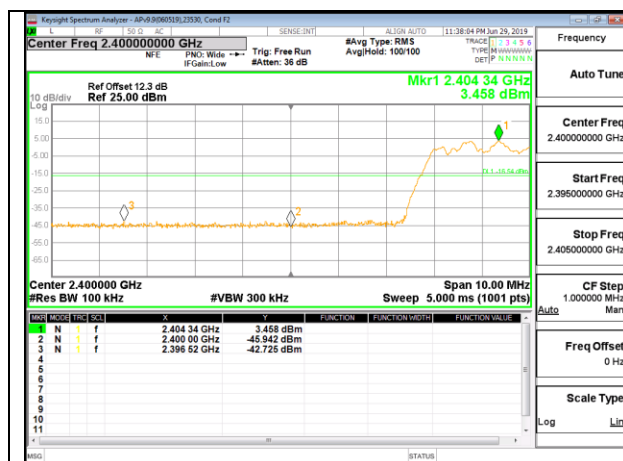
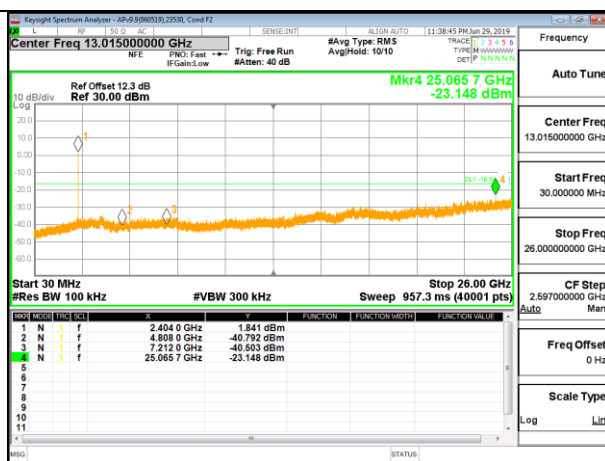


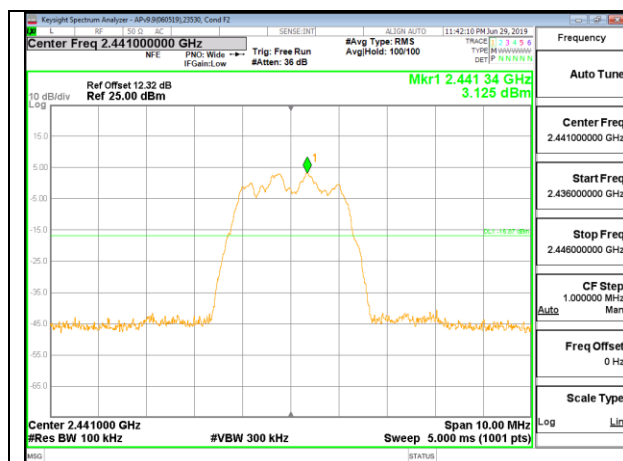
Antenna 3



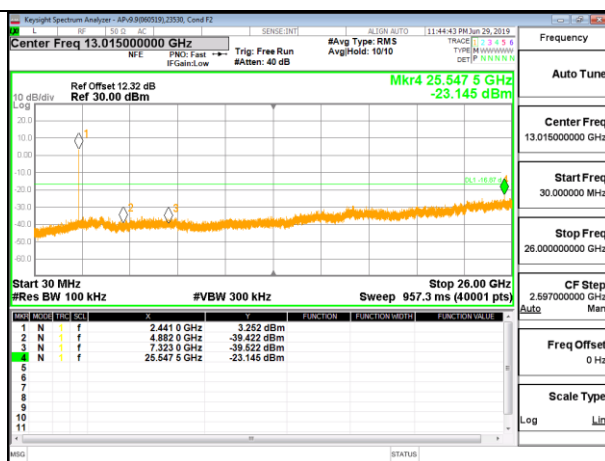
LOW CHANNEL , BANDEDGE ANT 3



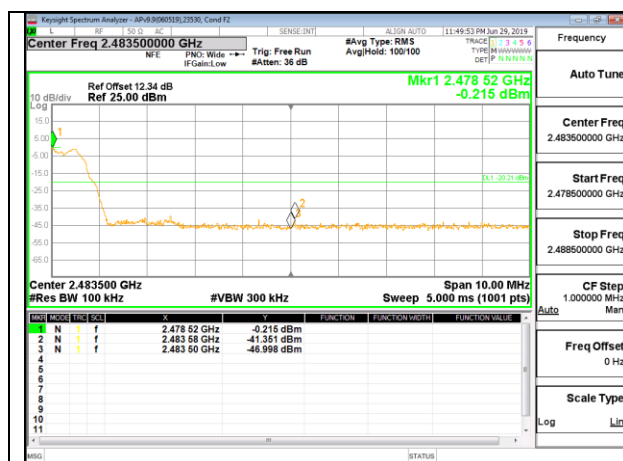
LOW CHANNEL OUT-OF-BAND ANT 3



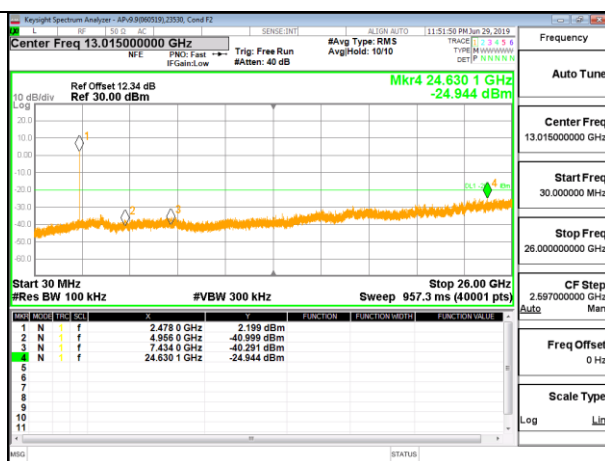
MID CHANNEL REFERENCE ANT 3



MID CHANNEL OUT-OF-BAND ANT 3



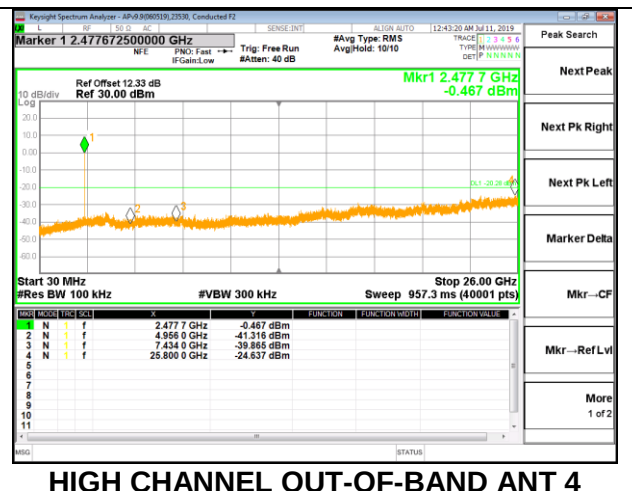
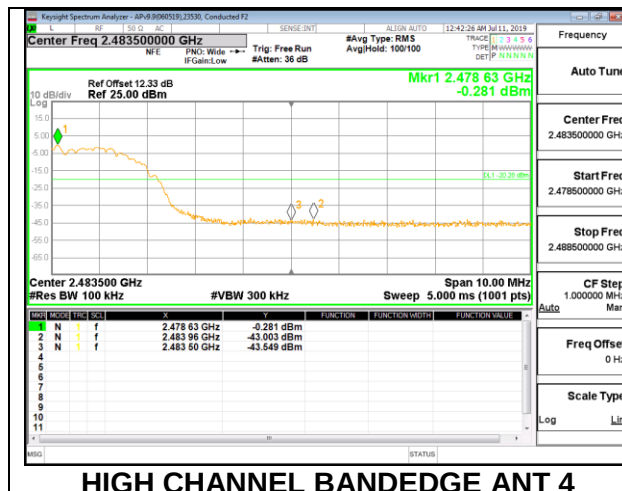
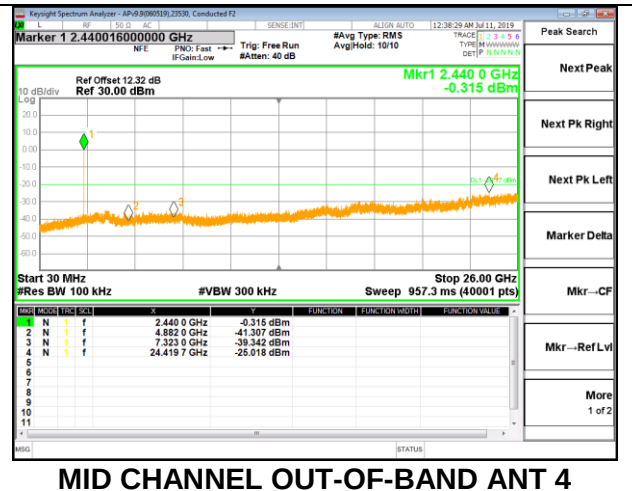
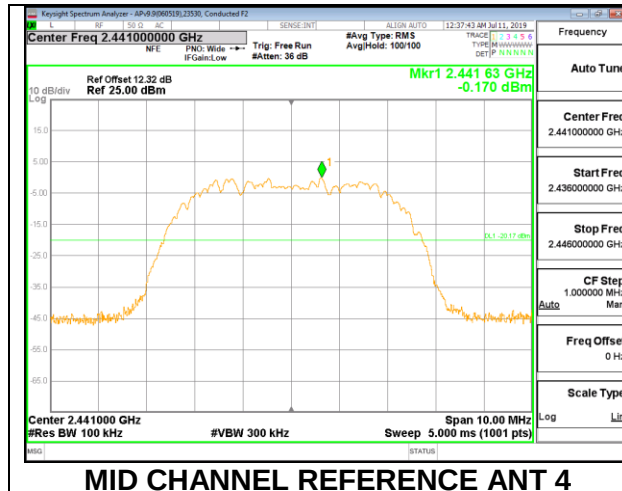
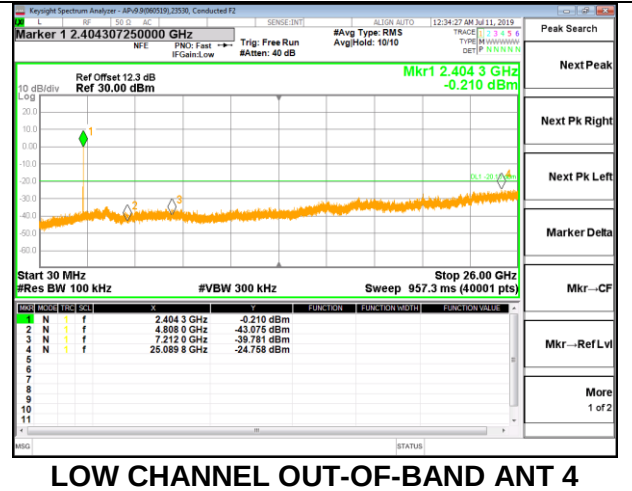
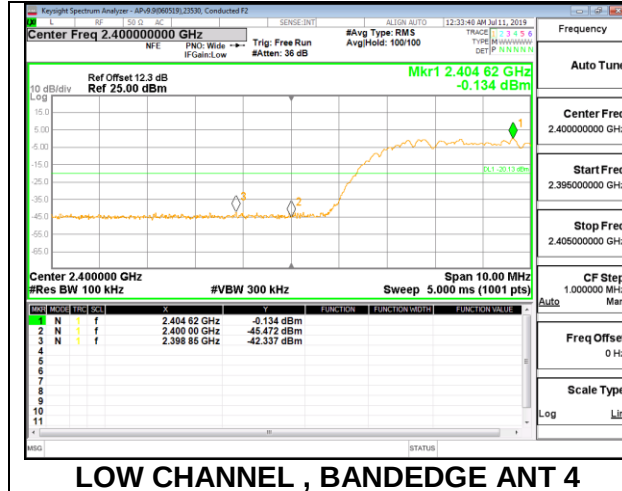
HIGH CHANNEL BANDEDGE ANT 3



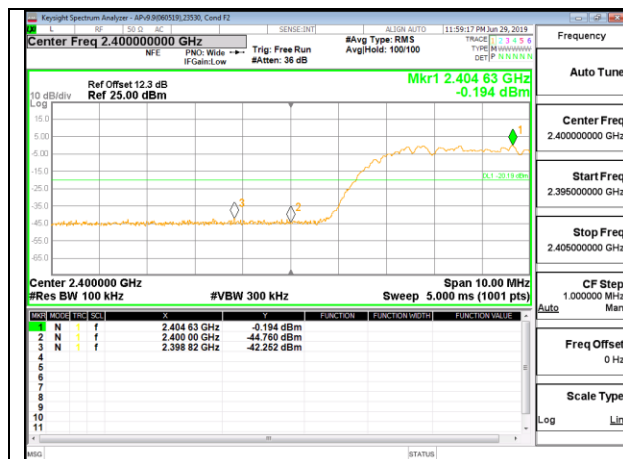
HIGH CHANNEL OUT-OF-BAND ANT 3

8.13.4. HDR8, LOW POWER

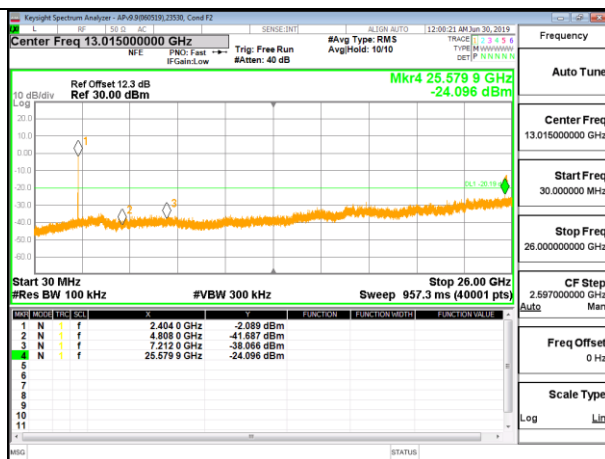
Antenna 4



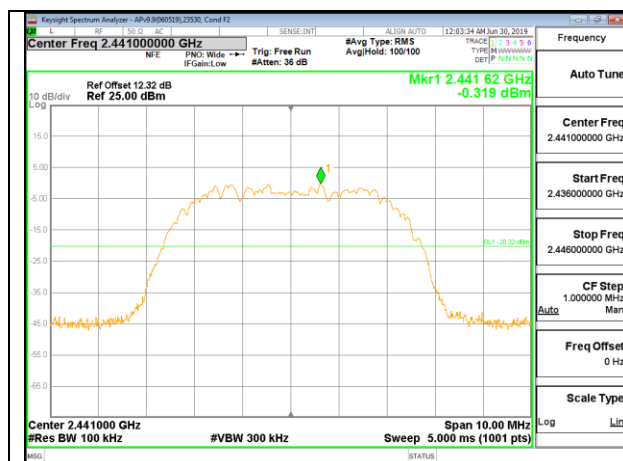
Antenna 3



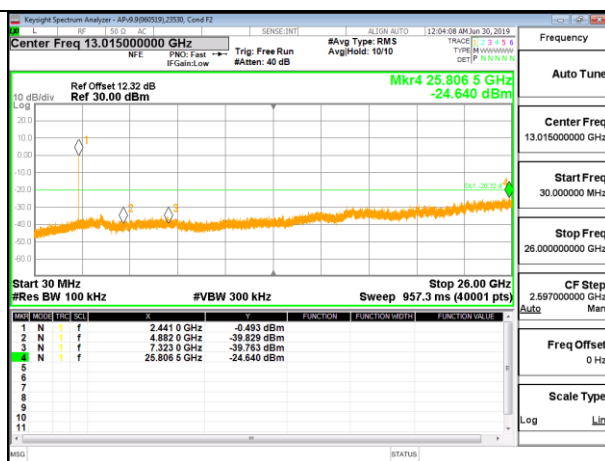
LOW CHANNEL , BANDEDGE ANT 3



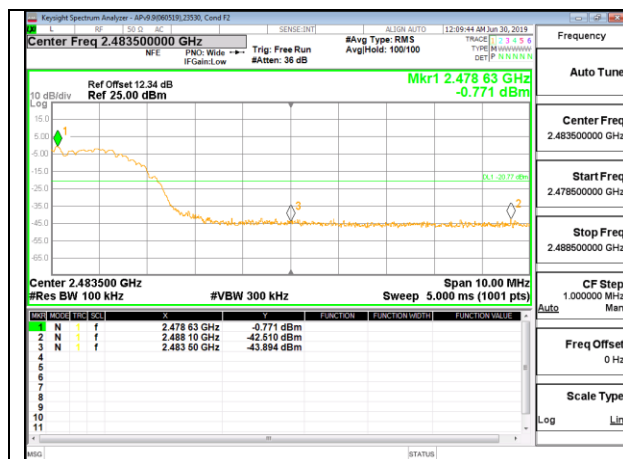
LOW CHANNEL OUT-OF-BAND ANT 3



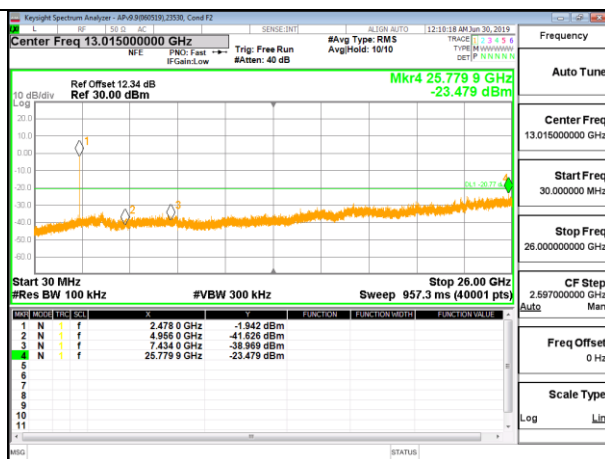
MID CHANNEL REFERENCE ANT 3



MID CHANNEL OUT-OF-BAND ANT 3



HIGH CHANNEL BANDEDGE ANT 3



HIGH CHANNEL OUT-OF-BAND ANT 3

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.

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.

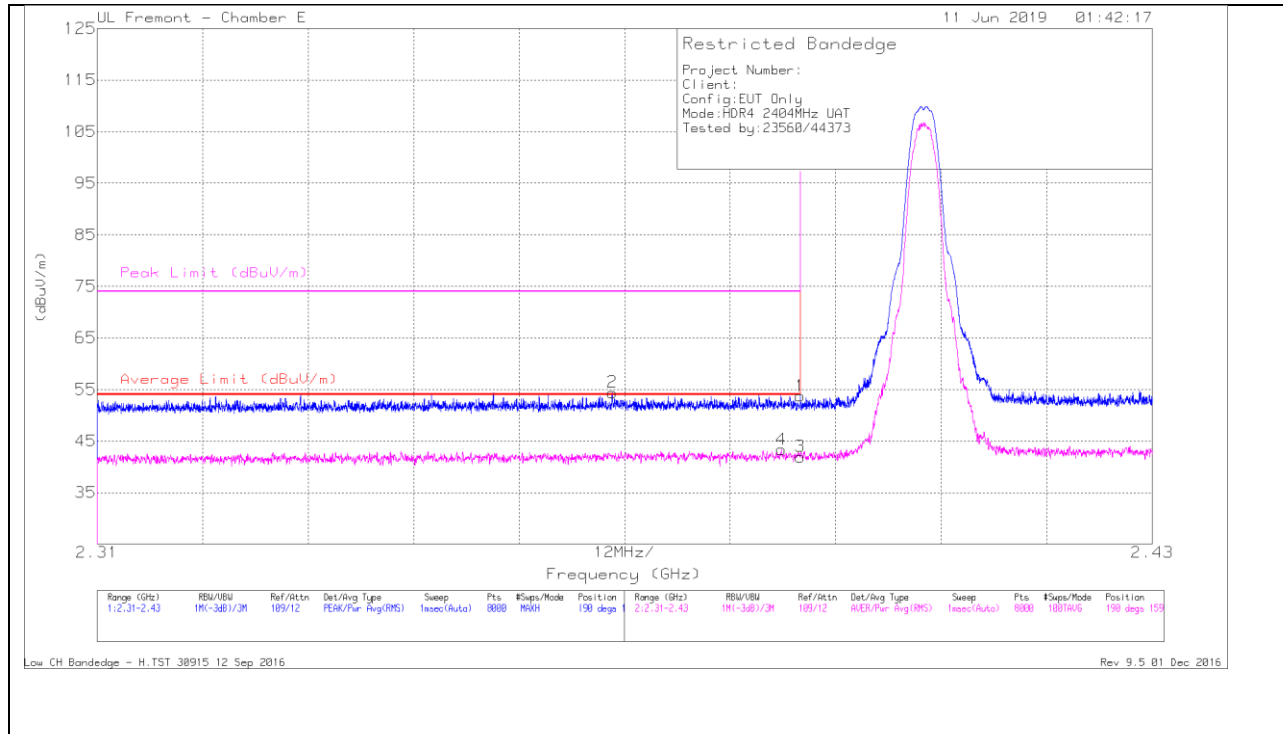
9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. HIGH POWER HDR (HDR4)

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	39.72	Pk	32.3	-18.3	53.72	-	-	74	-20.28	190	159	H
2	* 2.369	40.52	Pk	32.2	-18.3	54.42	-	-	74	-19.58	190	159	H
3	* 2.39	27.95	RMS	32.3	-18.3	41.95	54	-12.05	-	-	190	159	H
4	* 2.388	29.33	RMS	32.3	-18.3	43.33	54	-10.67	-	-	190	159	H

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

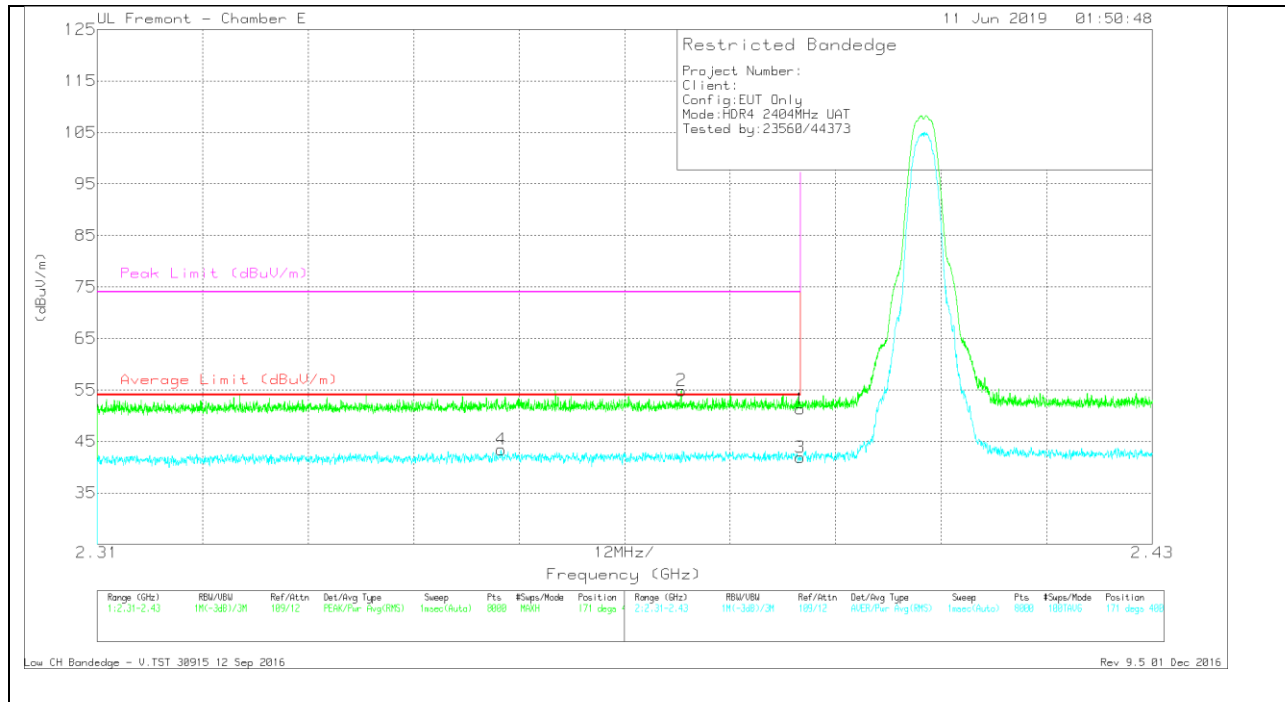
Pk - Peak detector

RMS - RMS detection

Low CH Bandedge - 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/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
4	* 2.356	29.63	RMS	32	-18.2	43.43	54	-10.57	-	-	171	400	V
2	* 2.376	40.97	Pk	32.2	-18.3	54.87	-	-	74	-19.13	171	400	V
1	* 2.39	37.3	Pk	32.3	-18.3	51.3	-	-	74	-22.7	171	400	V
3	* 2.39	27.89	RMS	32.3	-18.3	41.89	54	-12.11	-	-	171	400	V

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

Pk - Peak detector

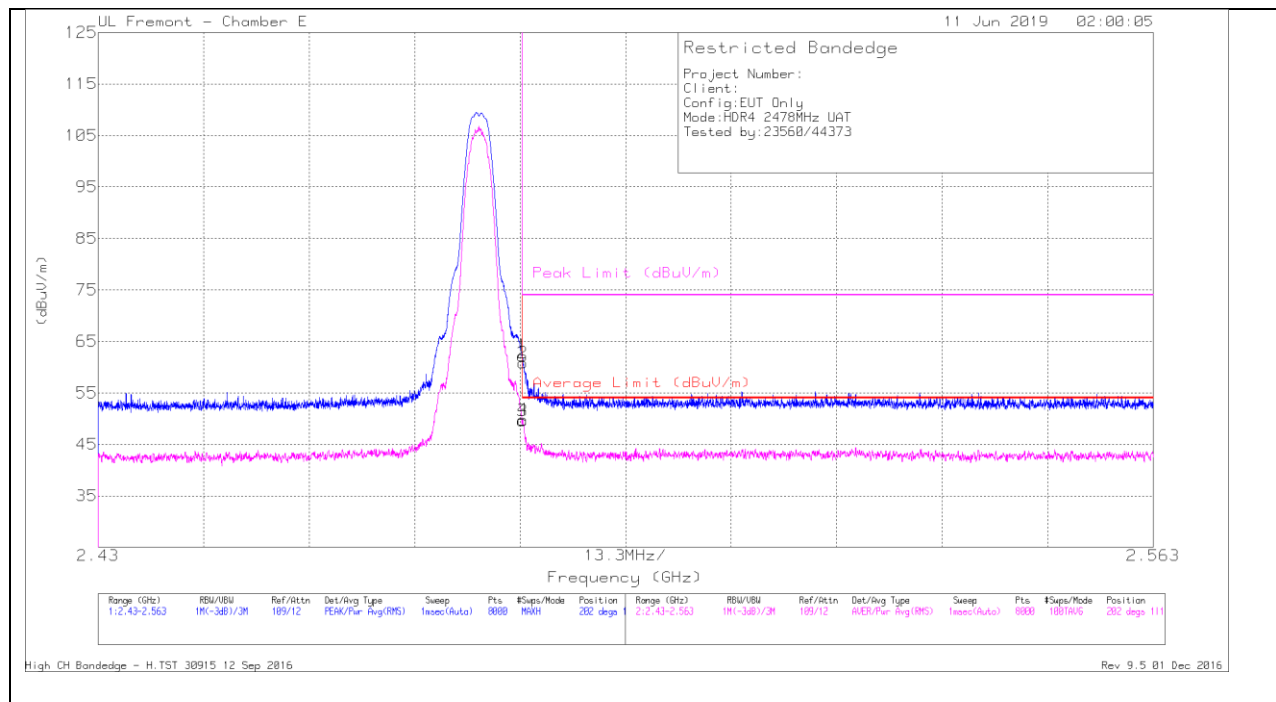
RMS - RMS detection

Low CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtri/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	47.5	Pk	32.8	-18.1	62.2	-	-	74	-11.8	202	111	H
2	* 2.484	46.13	Pk	32.8	-18.1	60.83	-	-	74	-13.17	202	111	H
3	* 2.484	34.9	RMS	32.8	-18.1	49.6	54	-4.4	-	-	202	111	H
4	* 2.484	35.09	RMS	32.8	-18.1	49.79	54	-4.21	-	-	202	111	H

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

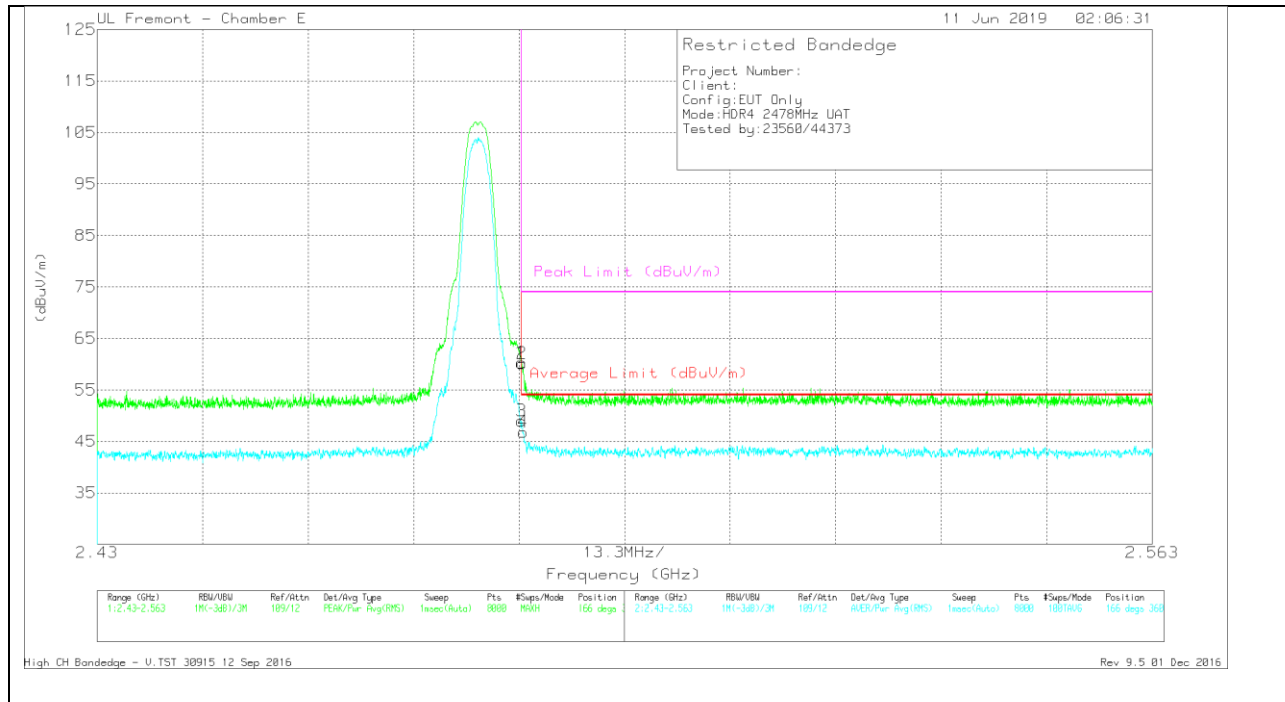
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - 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/Ch/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	45.6	Pk	32.8	-18.1	60.3	-	-	74	-13.7	166	360	V
2	* 2.484	45.45	Pk	32.8	-18.1	60.15	-	-	74	-13.85	166	360	V
3	* 2.484	34.3	RMS	32.8	-18.1	49	54	-5	-	-	166	360	V
4	* 2.484	32.11	RMS	32.8	-18.1	46.81	54	-7.19	-	-	166	360	V

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

Pk - Peak detector

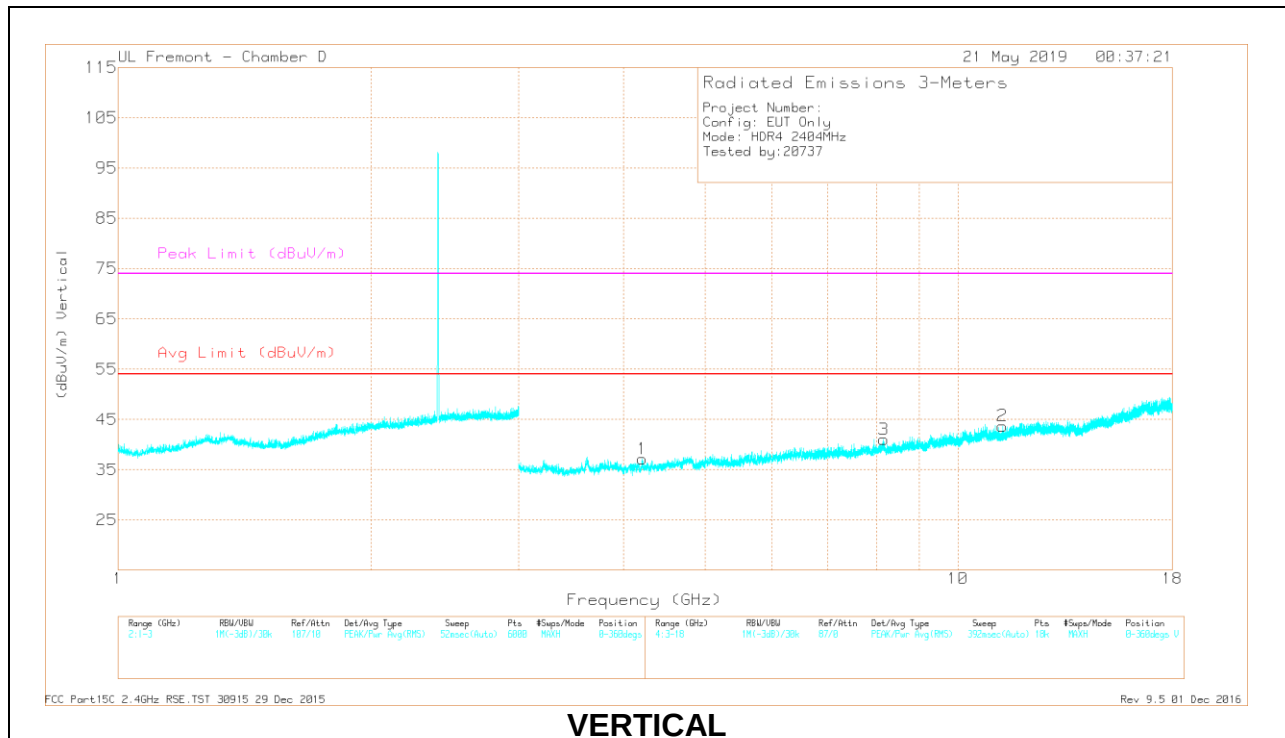
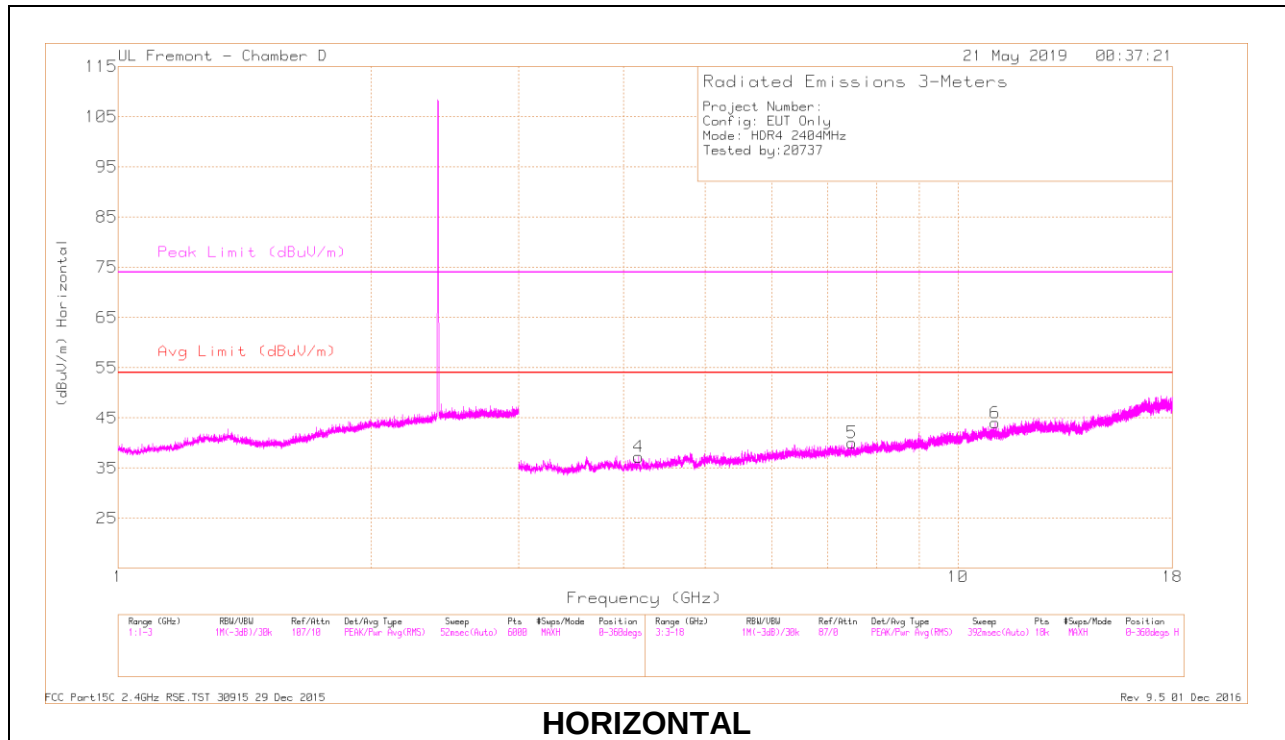
RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

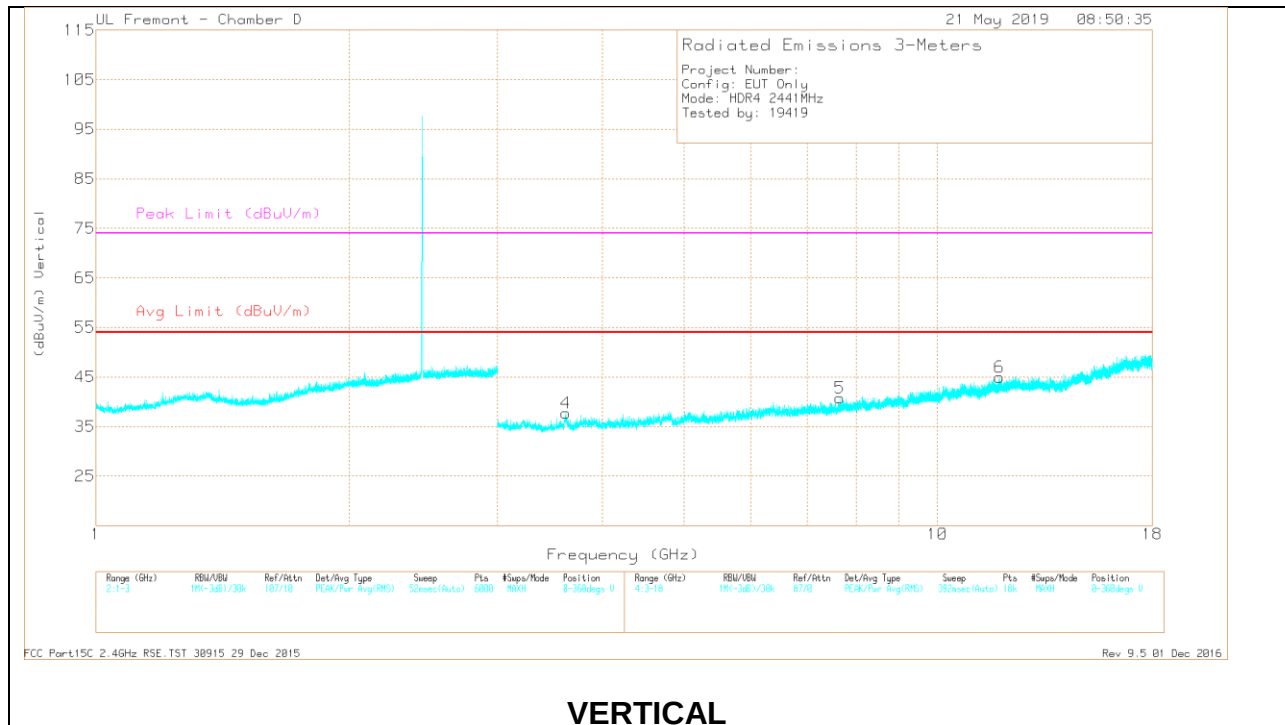
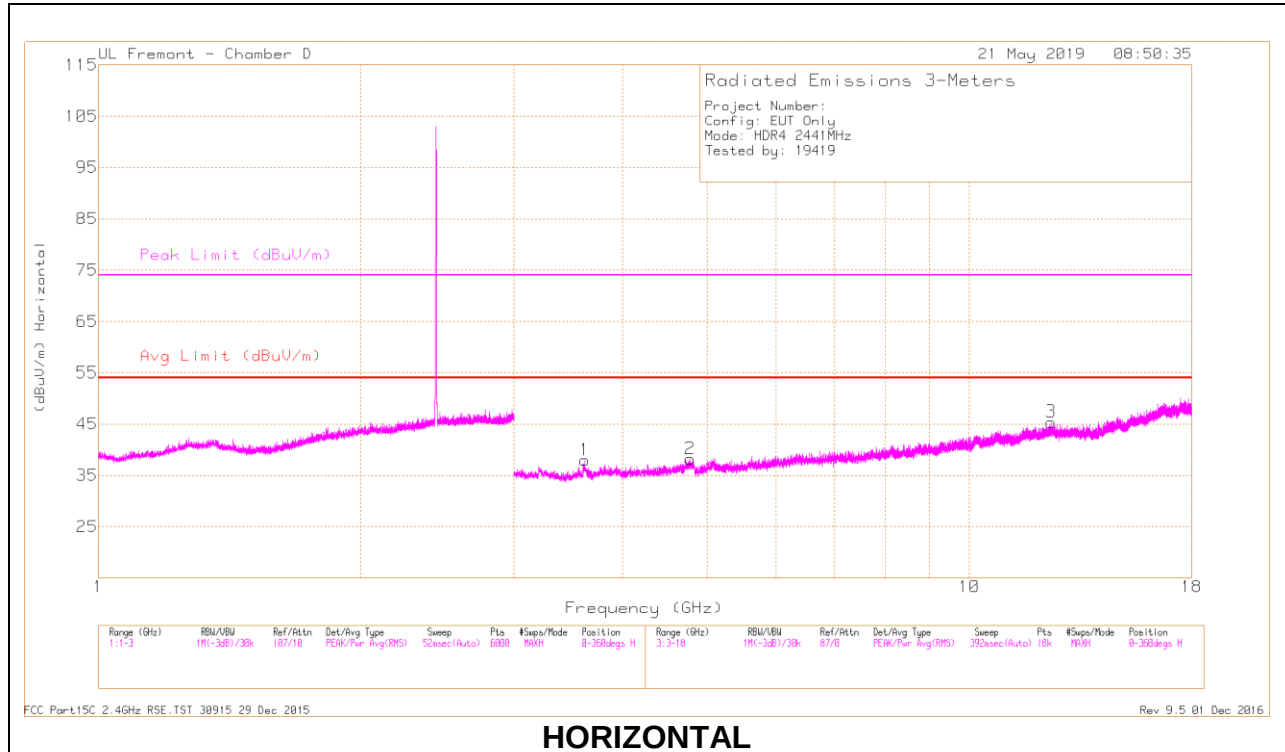
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.166	38.65	PK2	33.2	-27.9	43.95	-	-	74	-30.05	348	123	H
	* 4.166	26.82	MAv1	33.2	-27.9	32.12	54	-21.88	-	-	348	123	H
5	* 7.482	35.58	PK2	35.4	-24.6	46.38	-	-	74	-27.62	263	151	H
	* 7.48	23.71	MAv1	35.4	-24.7	34.41	54	-19.59	-	-	263	151	H
6	* 11.084	34.8	PK2	37.7	-21.3	51.2	-	-	74	-22.8	173	192	H
	* 11.084	21.43	MAv1	37.7	-21.3	37.83	54	-16.17	-	-	173	192	H
1	* 4.214	39.05	PK2	33.3	-27.4	44.95	-	-	74	-29.05	183	214	V
	* 4.213	26.79	MAv1	33.3	-27.5	32.59	54	-21.41	-	-	183	214	V
2	* 11.3	33.7	PK2	37.9	-21.3	50.3	-	-	74	-23.7	236	297	V
	* 11.301	21.16	MAv1	37.9	-21.3	37.76	54	-16.24	-	-	236	297	V
3	* 8.16	35.81	PK2	35.7	-23.2	48.31	-	-	74	-25.69	196	335	V
	* 8.161	22.8	MAv1	35.7	-23.2	35.3	54	-18.7	-	-	196	335	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

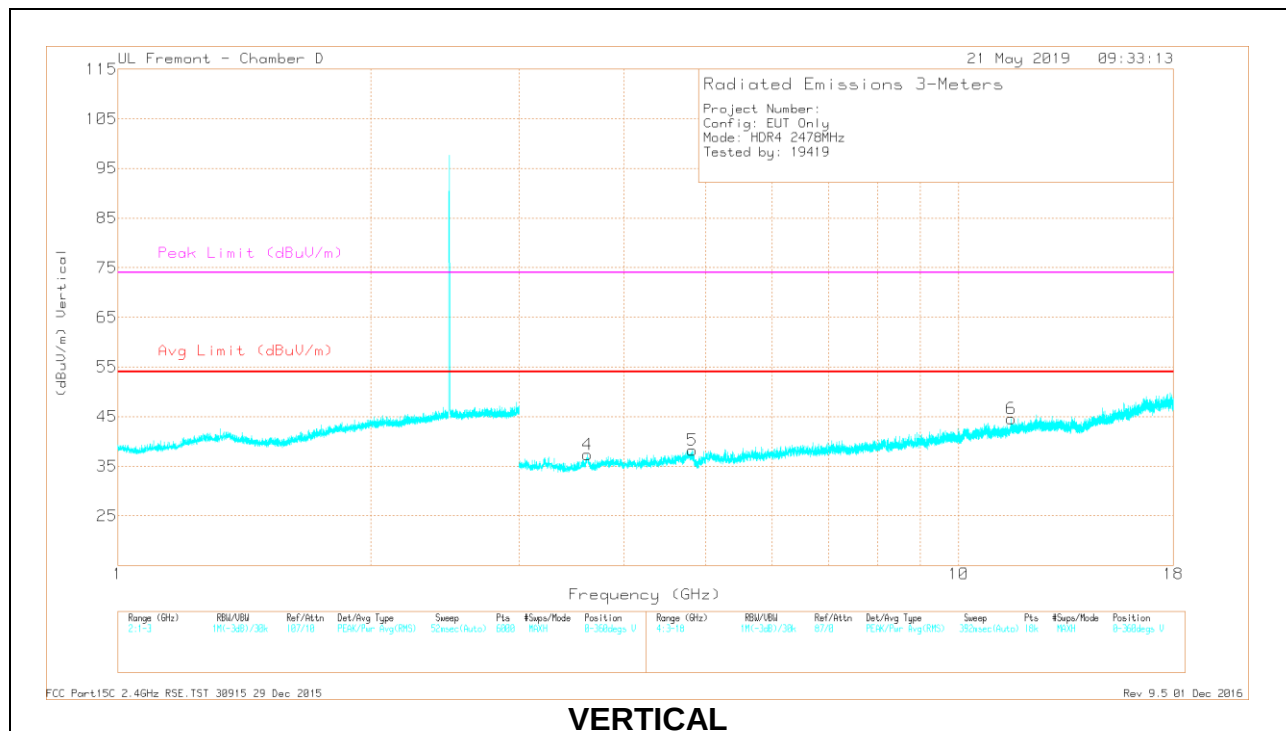
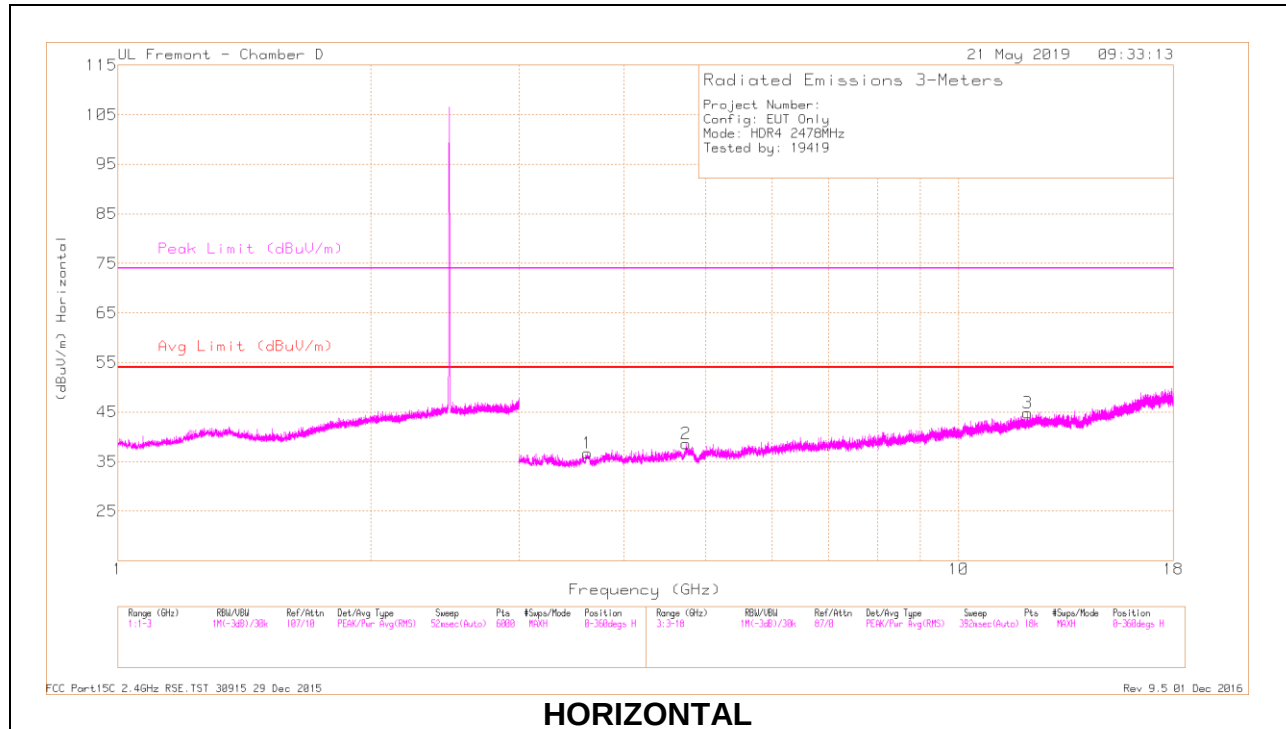
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.617	39.19	PK2	33.6	-28.4	44.39	-	-	74	-29.61	180	221	H
	* 3.619	26.91	MAv1	33.5	-28.4	32.01	54	-21.99	-	-	180	221	H
2	* 4.781	38.78	PK2	34	-26.8	45.98	-	-	74	-28.02	277	143	H
	* 4.782	25.91	MAv1	34	-26.9	33.01	54	-20.99	-	-	277	143	H
3	* 12.404	34.65	PK2	38.9	-21.4	52.15	-	-	74	-21.85	326	223	H
	* 12.407	21.1	MAv1	38.9	-21.6	38.4	54	-15.6	-	-	326	223	H
4	* 3.618	39.35	PK2	33.5	-28.4	44.45	-	-	74	-29.55	315	180	V
	* 3.619	27.02	MAv1	33.5	-28.4	32.12	54	-21.88	-	-	315	180	V
5	* 7.65	36.71	PK2	35.6	-24.9	47.41	-	-	74	-26.59	359	152	V
	* 7.652	23.28	MAv1	35.6	-24.9	33.98	54	-20.02	-	-	359	152	V
6	* 11.85	34.25	PK2	38.5	-21.3	51.45	-	-	74	-22.55	4	218	V
	* 11.85	20.96	MAv1	38.5	-21.3	38.16	54	-15.84	-	-	4	218	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	AF T712 (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	* 3.62	39.42	PK2	33.5	-28.4	44.52	-	-	74	-29.48	329	111	H
	* 3.62	27.19	MAv1	33.5	-28.4	32.29	54	-21.71	-	-	329	111	H
2	* 4.735	37.74	PK2	33.9	-26.6	45.04	-	-	74	-28.96	0	233	H
	* 4.735	25.29	MAv1	33.9	-26.7	32.49	54	-21.51	-	-	0	233	H
3	* 12.076	34.36	PK2	38.7	-22.1	50.96	-	-	74	-23.04	135	295	H
	* 12.078	21.04	MAv1	38.7	-22.1	37.64	54	-16.36	-	-	135	295	H
4	* 3.618	39.63	PK2	33.6	-28.4	44.83	-	-	74	-29.17	0	356	V
	* 3.617	26.62	MAv1	33.6	-28.4	31.82	54	-22.18	-	-	0	356	V
5	* 4.823	38.65	PK2	34	-27.2	45.45	-	-	74	-28.55	28	392	V
	* 4.823	25.94	MAv1	34	-27.2	32.74	54	-21.26	-	-	28	392	V
6	* 11.541	34	PK2	38.2	-21.1	51.1	-	-	74	-22.9	156	259	V
	* 11.541	20.33	MAv1	38.2	-21.1	37.43	54	-16.57	-	-	156	259	V

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

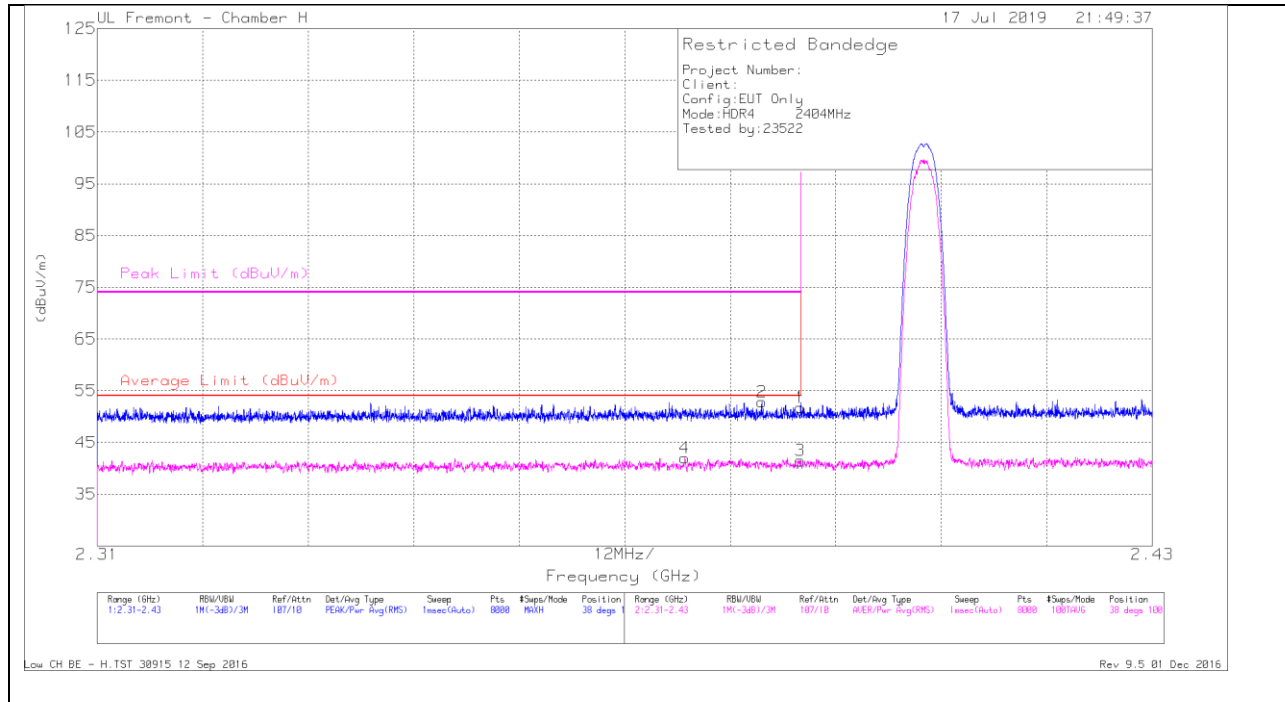
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	43.13	Pk	32.1	-23.5	51.73	-	-	74	-22.27	38	100	H
2	* 2.386	44.21	Pk	32.1	-23.5	52.81	-	-	74	-21.19	38	100	H
3	* 2.39	32.87	RMS	32.1	-23.5	41.47	54	-12.53	-	-	38	100	H
4	* 2.377	33.4	RMS	32.1	-23.5	42	54	-12	-	-	38	100	H

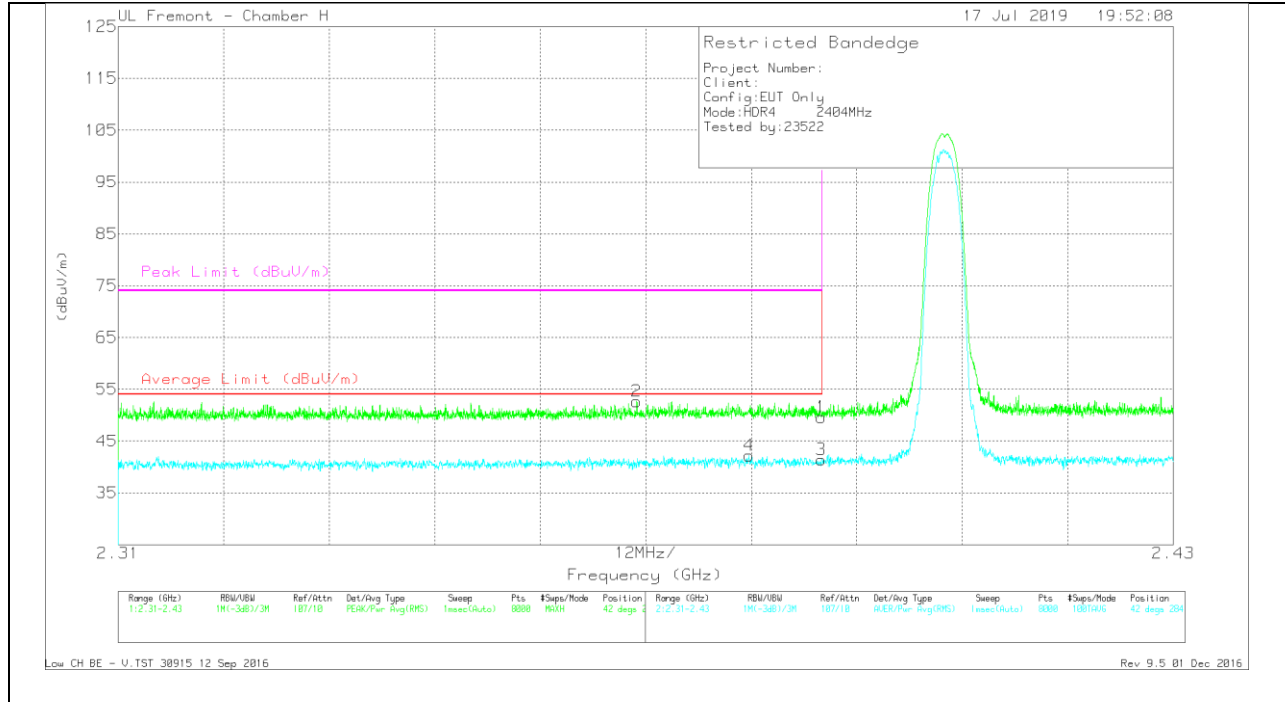
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.39	41.02	Pk	32.1	-23.5	49.62	-	-	74	-24.38	42	284	V
2	* 2.369	44.17	Pk	32	-23.5	52.67	-	-	74	-21.33	42	284	V
3	* 2.39	32.81	RMS	32.1	-23.5	41.41	54	-12.59	-	-	42	284	V
4	* 2.382	33.51	RMS	32.2	-23.5	42.21	54	-11.79	-	-	42	284	V

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

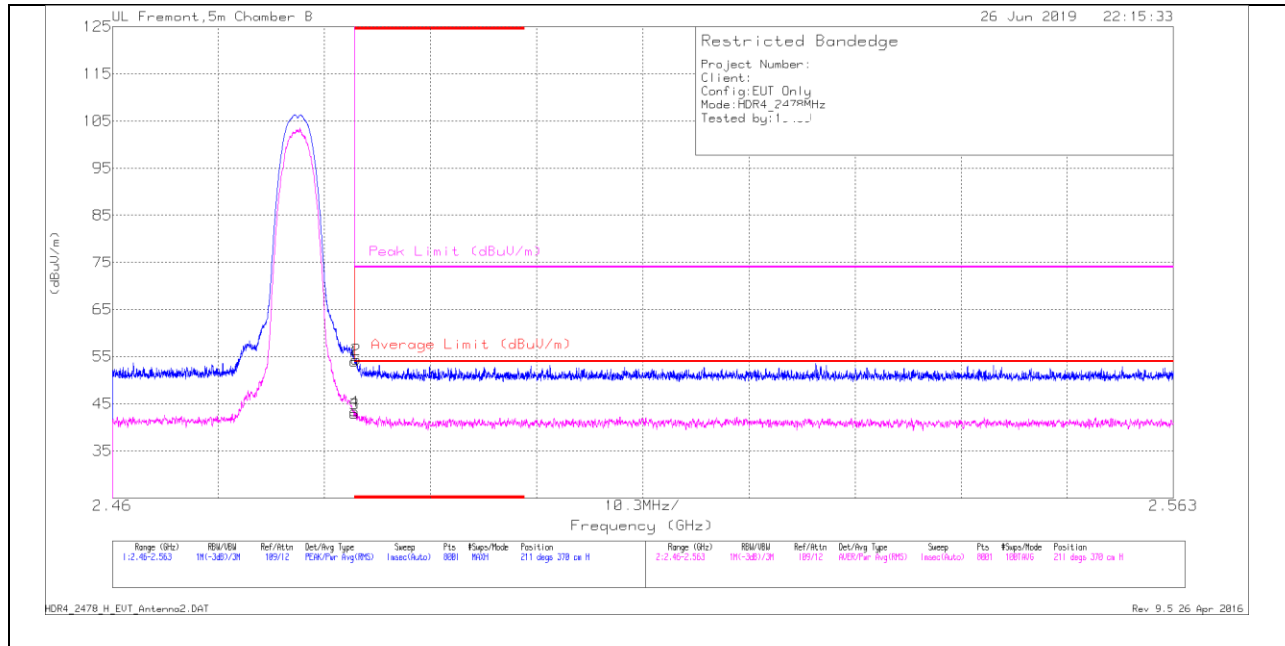
Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT(similar to low power)



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.58	Pk	32.3	-18.9	53.98	-	-	74	-20.02	211	370	H
2	* 2.484	41.03	Pk	32.3	-18.9	54.43	-	-	74	-19.57	211	370	H
3	* 2.484	29.48	RMS	32.3	-18.9	42.88	54	-11.12	-	-	211	370	H
4	* 2.484	30.02	RMS	32.3	-18.9	43.42	54	-10.58	-	-	211	370	H

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

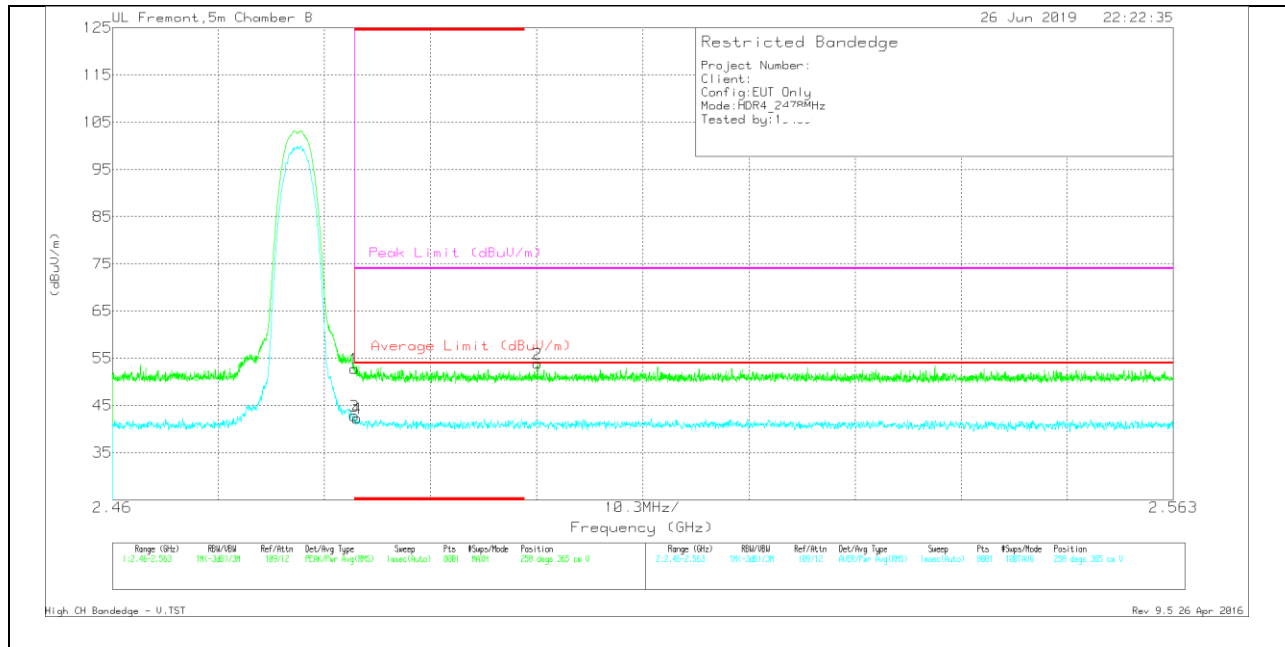
Pk - Peak detector

RMS - RMS detection

HDR4_2478_H_EVT_Antenna2.DAT

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	39.39	Pk	32.3	-18.9	52.79	-	-	74	-21.21	258	365	V
3	* 2.484	29.46	RMS	32.3	-18.9	42.86	54	-11.14	-	-	258	365	V
4	* 2.484	28.9	RMS	32.3	-18.9	42.3	54	-11.7	-	-	258	365	V
2	2.501	40.44	Pk	32.4	-19	53.84	-	-	74	-20.16	258	365	V

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

Pk - Peak detector

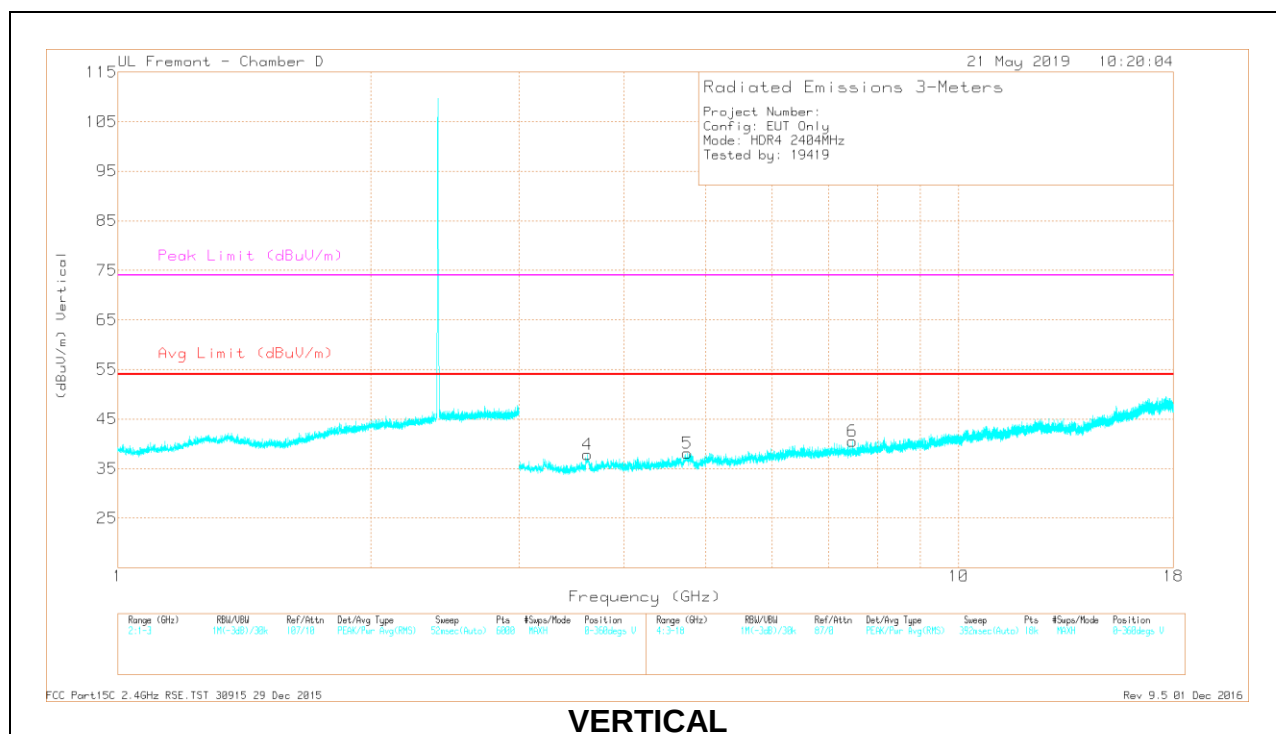
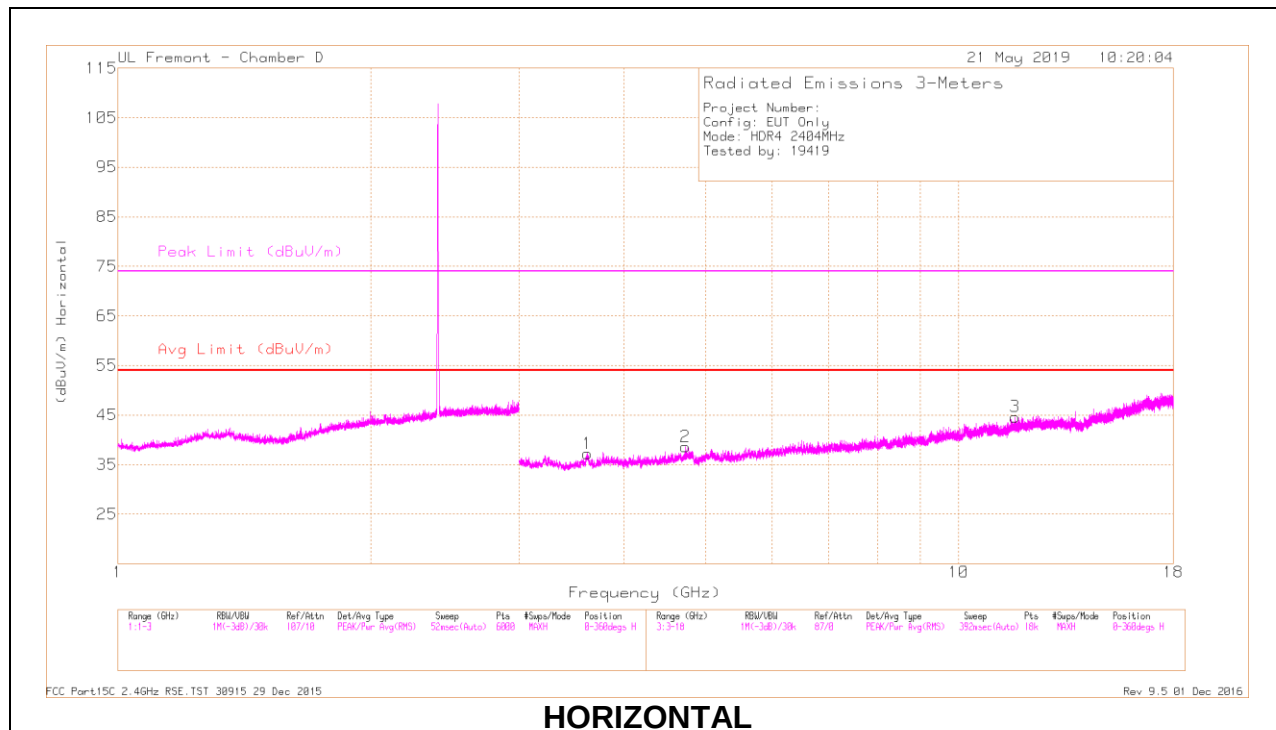
RMS - RMS detection

High CH Bandedge - V.TST

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

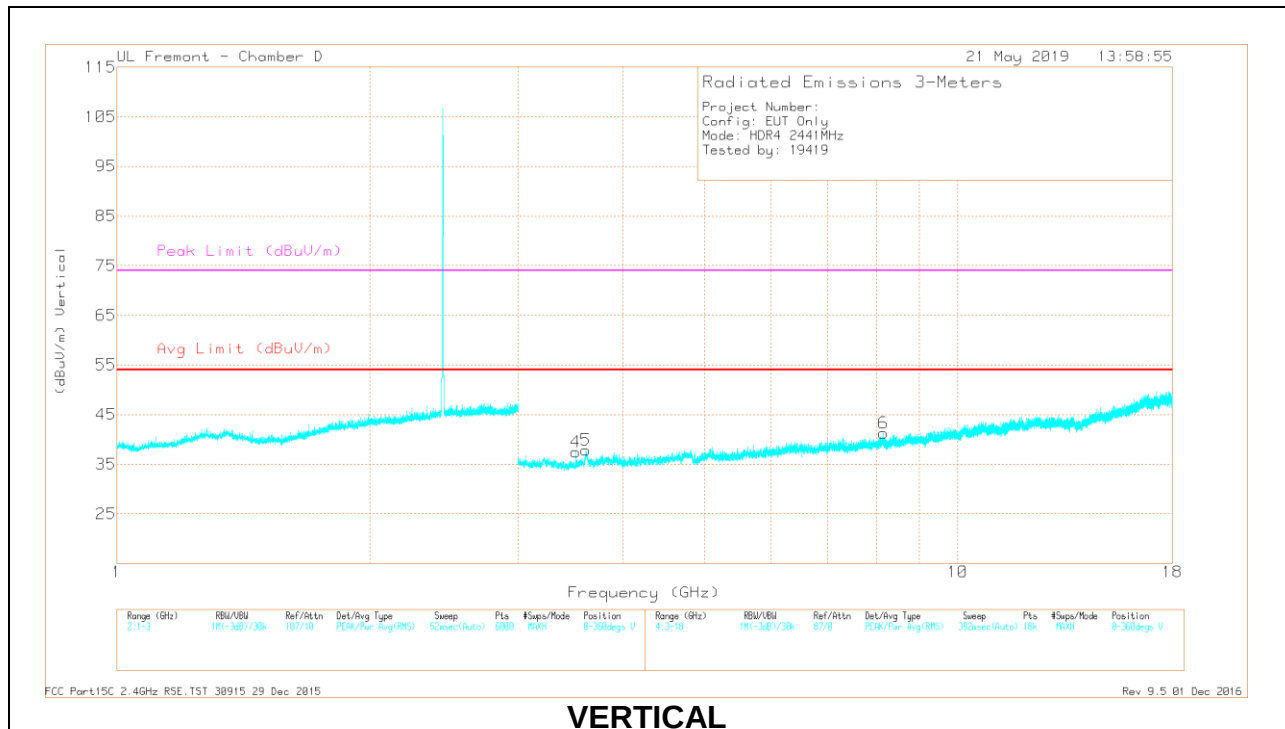
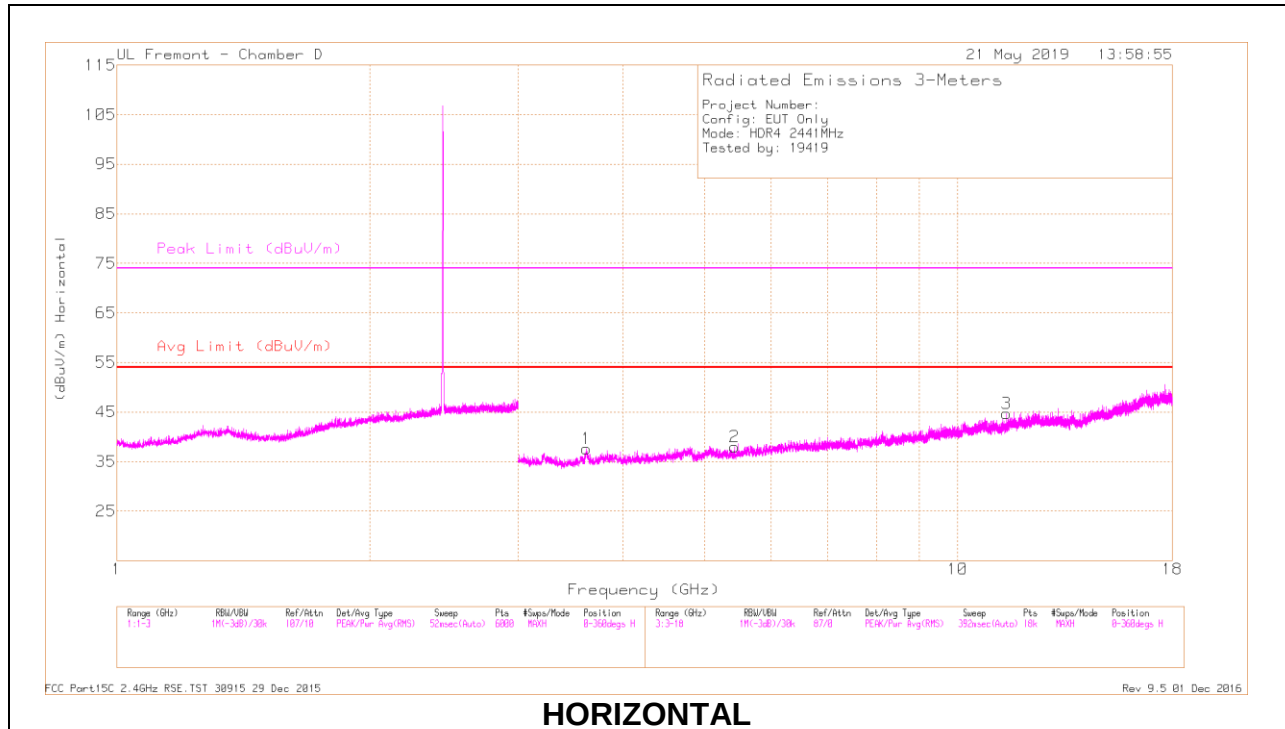
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.617	38.66	PK2	33.6	-28.4	43.86	-	-	74	-30.14	164	347	H
	* 3.618	26.81	MAv1	33.6	-28.4	32.01	54	-21.99	-	-	164	347	H
2	* 4.73	37.94	PK2	33.9	-26.8	45.04	-	-	74	-28.96	18	263	H
	* 4.73	25.42	MAv1	33.9	-26.8	32.52	54	-21.48	-	-	18	263	H
3	* 11.665	34.4	PK2	38.3	-21	51.7	-	-	74	-22.3	202	181	H
	* 11.665	20.33	MAv1	38.3	-21	37.63	54	-16.37	-	-	202	181	H
4	* 3.621	39.02	PK2	33.5	-28.4	44.12	-	-	74	-29.88	358	361	V
	* 3.622	27.01	MAv1	33.4	-28.4	32.01	54	-21.99	-	-	358	361	V
5	* 4.76	38.34	PK2	33.9	-26.6	45.64	-	-	74	-28.36	226	294	V
	* 4.757	25.42	MAv1	34	-26.5	32.92	54	-21.08	-	-	226	294	V
6	* 7.478	36.2	PK2	35.5	-24.7	47	-	-	74	-27	108	356	V
	* 7.477	22.96	MAv1	35.5	-24.7	33.76	54	-20.24	-	-	108	356	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

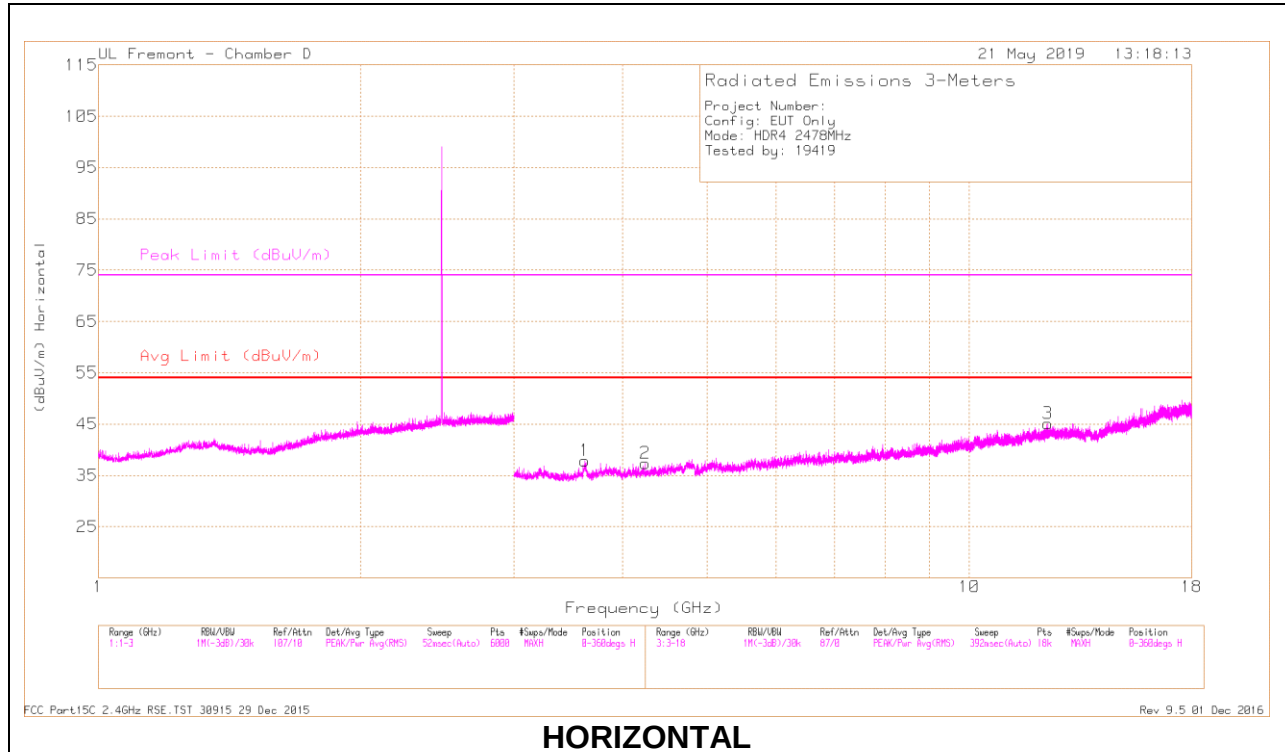
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.622	39.97	PK2	33.4	-28.4	44.97	-	-	74	-29.03	27	166	H
	* 3.622	27.1	MAv1	33.4	-28.4	32.1	54	-21.9	-	-	27	166	H
2	* 5.428	37.84	PK2	34.4	-27.7	44.54	-	-	74	-29.46	67	102	H
	* 5.427	25.68	MAv1	34.4	-27.7	32.38	54	-21.62	-	-	67	102	H
3	* 11.424	33.99	PK2	38	-21.8	50.19	-	-	74	-23.81	75	332	H
	* 11.426	20.71	MAv1	38	-21.8	36.91	54	-17.09	-	-	75	332	H
4	* 3.514	38.91	PK2	32.8	-28.5	43.21	-	-	74	-30.79	275	259	V
	* 3.516	26.49	MAv1	32.8	-28.4	30.89	54	-23.11	-	-	275	259	V
5	* 3.612	38.96	PK2	33.4	-28.3	44.06	-	-	74	-29.94	324	299	V
	* 3.614	26.81	MAv1	33.5	-28.4	31.91	54	-22.09	-	-	324	299	V
6	* 8.16	35.25	PK2	35.7	-23.2	47.75	-	-	74	-26.25	250	269	V
	* 8.16	23.06	MAv1	35.7	-23.2	35.56	54	-18.44	-	-	250	269	V

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

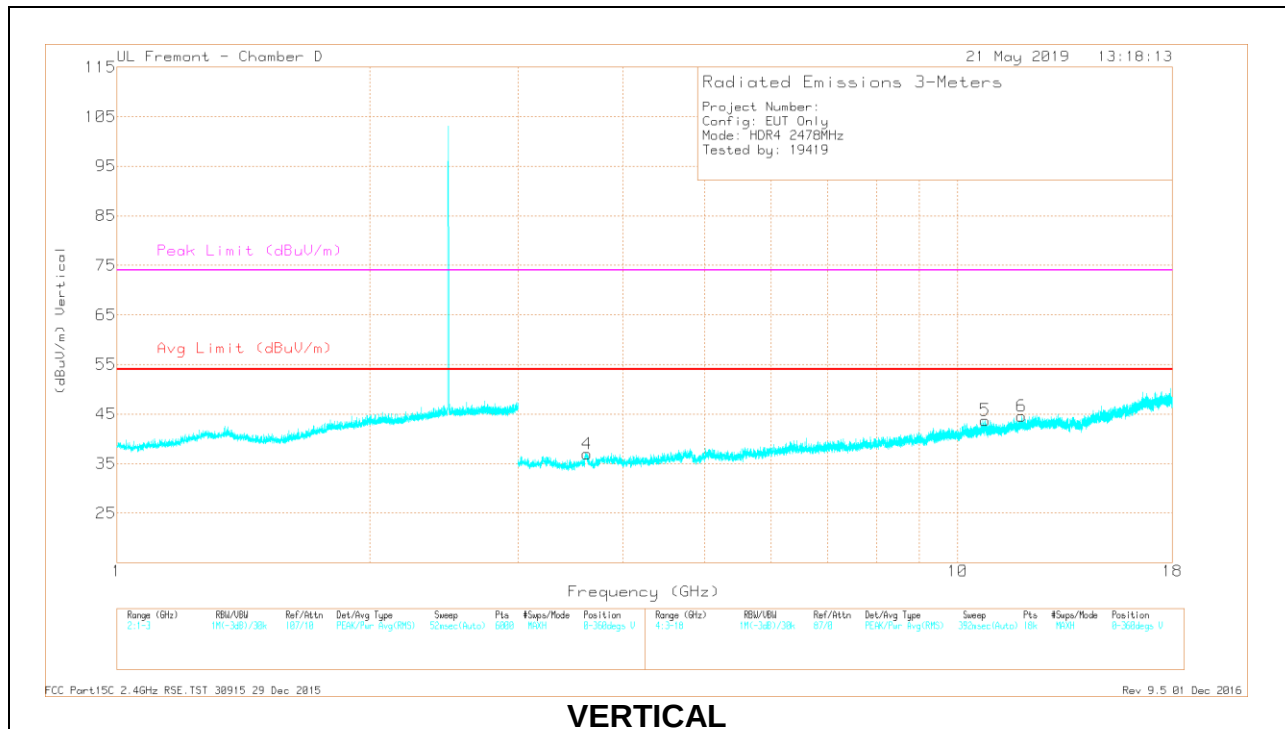
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/ 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	* 3.618	39.42	PK2	33.5	-28.4	44.52	-	-	74	-29.48	278	195	H
	* 3.621	26.95	MAv1	33.4	-28.4	31.95	54	-22.05	-	-	278	195	H
2	* 4.246	38.97	PK2	33.3	-27.6	44.67	-	-	74	-29.33	204	171	H
	* 4.249	25.98	MAv1	33.3	-27.7	31.58	54	-22.42	-	-	204	171	H
3	* 12.296	34.68	PK2	38.9	-22	51.58	-	-	74	-22.42	58	211	H
	* 12.298	21.35	MAv1	38.9	-22	38.25	54	-15.75	-	-	58	211	H
4	* 3.621	39.75	PK2	33.4	-28.4	44.75	-	-	74	-29.25	270	115	V
	* 3.622	27.03	MAv1	33.4	-28.4	32.03	54	-21.97	-	-	270	115	V
5	* 10.786	33.92	PK2	37.8	-20.9	50.82	-	-	74	-23.18	131	317	V
	* 10.788	19.75	MAv1	37.8	-20.9	36.65	54	-17.35	-	-	131	317	V
6	* 11.918	34.09	PK2	38.6	-21.4	51.29	-	-	74	-22.71	233	275	V
	* 11.919	20.88	MAv1	38.6	-21.4	38.08	54	-15.92	-	-	233	275	V

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

PK2 - KDB558074 Method: Maximum Peak

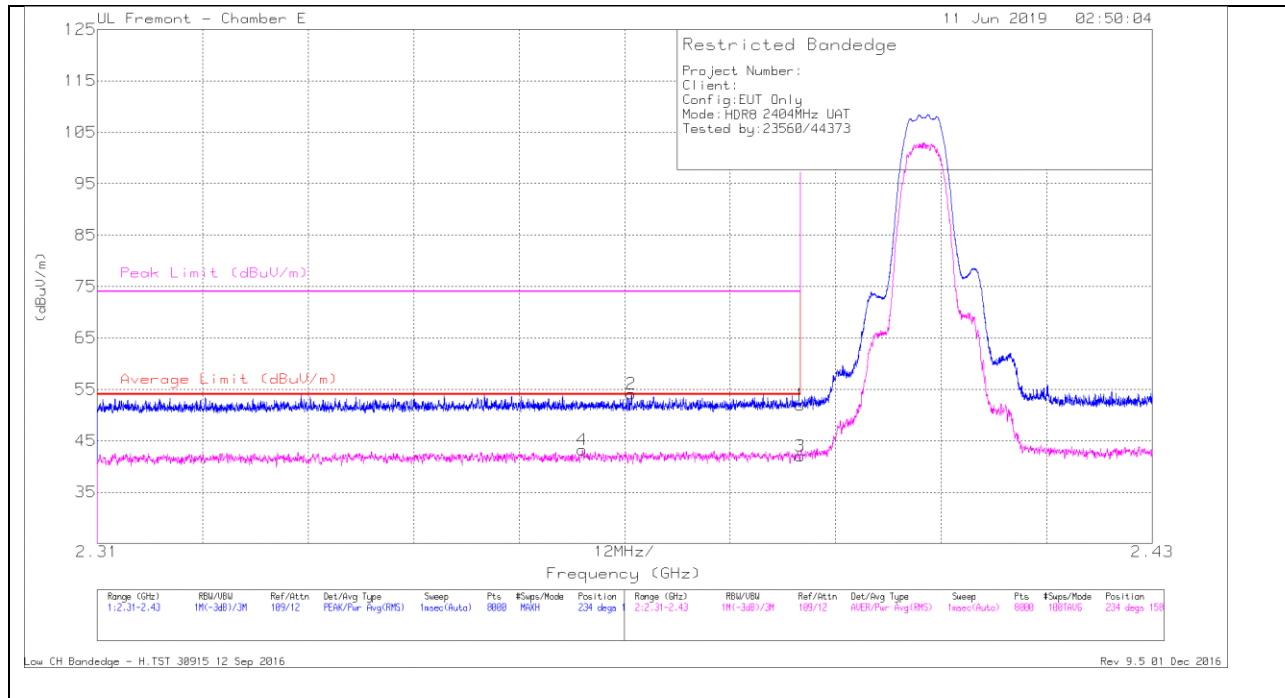
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. HIGH POWER HDR (HDR8)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



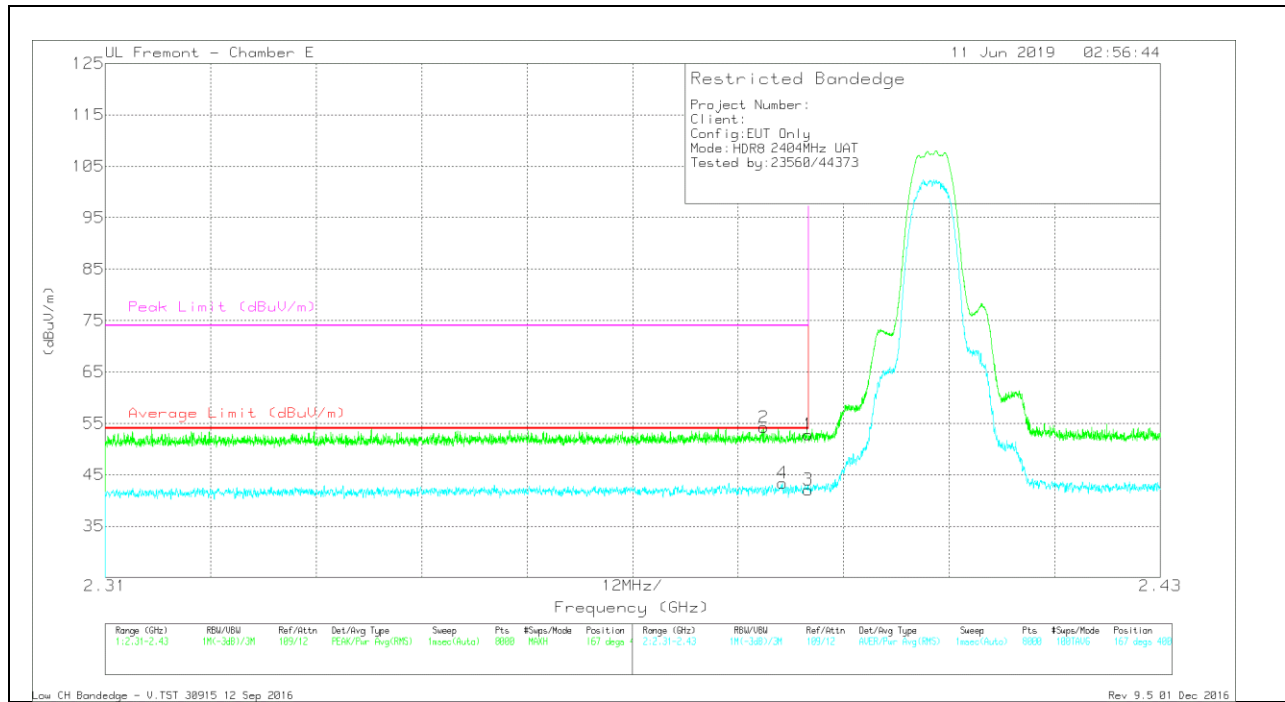
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.365	29.43	RMS	32.1	-18.3	43.23	54	-10.77	-	-	234	158	H
2	* 2.371	40.29	Pk	32.2	-18.4	54.09	-	-	74	-19.91	234	158	H
1	* 2.39	37.96	Pk	32.3	-18.3	51.96	-	-	74	-22.04	234	158	H
3	* 2.39	28.01	RMS	32.3	-18.3	42.01	54	-11.99	-	-	234	158	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/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
2	* 2.385	40.12	Pk	32.3	-18.2	54.22	-	-	74	-19.78	167	400	V
4	* 2.387	29.38	RMS	32.3	-18.3	43.38	54	-10.62	-	-	167	400	V
1	* 2.39	38.81	Pk	32.3	-18.3	52.81	-	-	74	-21.19	167	400	V
3	* 2.39	28.07	RMS	32.3	-18.3	42.07	54	-11.93	-	-	167	400	V

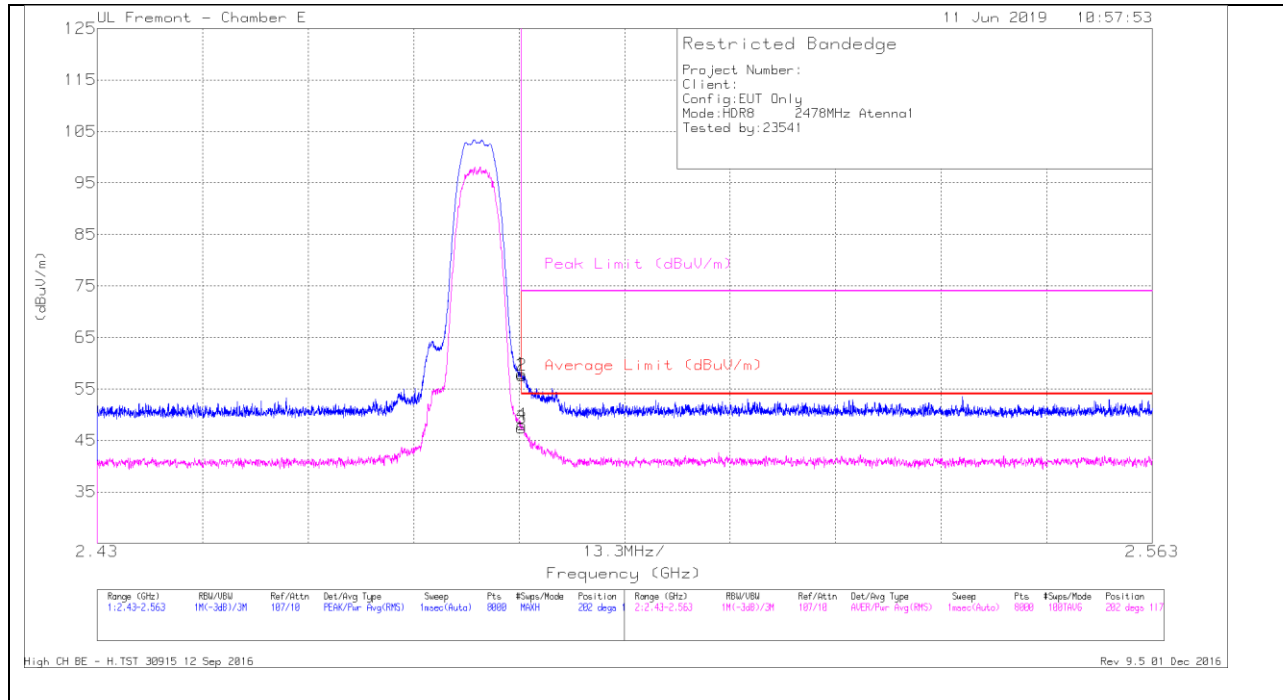
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Ampl/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	51.37	Pk	32.8	-26.3	57.87	-	-	74	-16.13	202	117	H
2	* 2.484	51.09	Pk	32.8	-26.3	57.59	-	-	74	-16.41	202	117	H
3	* 2.484	40.91	RMS	32.8	-26.3	47.41	54	-6.59	-	-	202	117	H
4	* 2.484	41.55	RMS	32.8	-26.3	48.05	54	-5.95	-	-	202	117	H

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

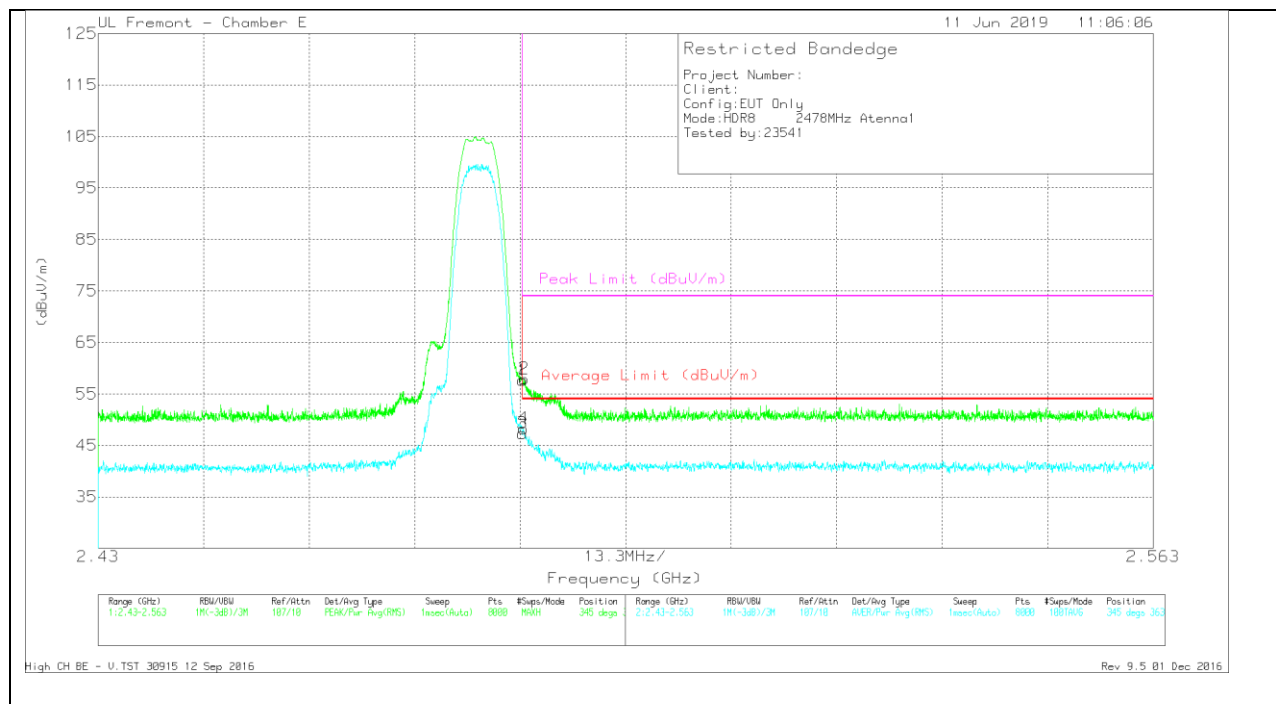
Pk - Peak detector

RMS - RMS detection

High 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/Ch/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	51.14	Pk	32.8	-26.3	57.64	-	-	74	-16.36	345	363	V
2	* 2.484	51.43	Pk	32.8	-26.3	57.93	-	-	74	-16.07	345	363	V
3	* 2.484	40.84	RMS	32.8	-26.3	47.34	54	-6.66	-	-	345	363	V
4	* 2.484	41.8	RMS	32.8	-26.3	48.3	54	-5.7	-	-	345	363	V

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

Pk - Peak detector

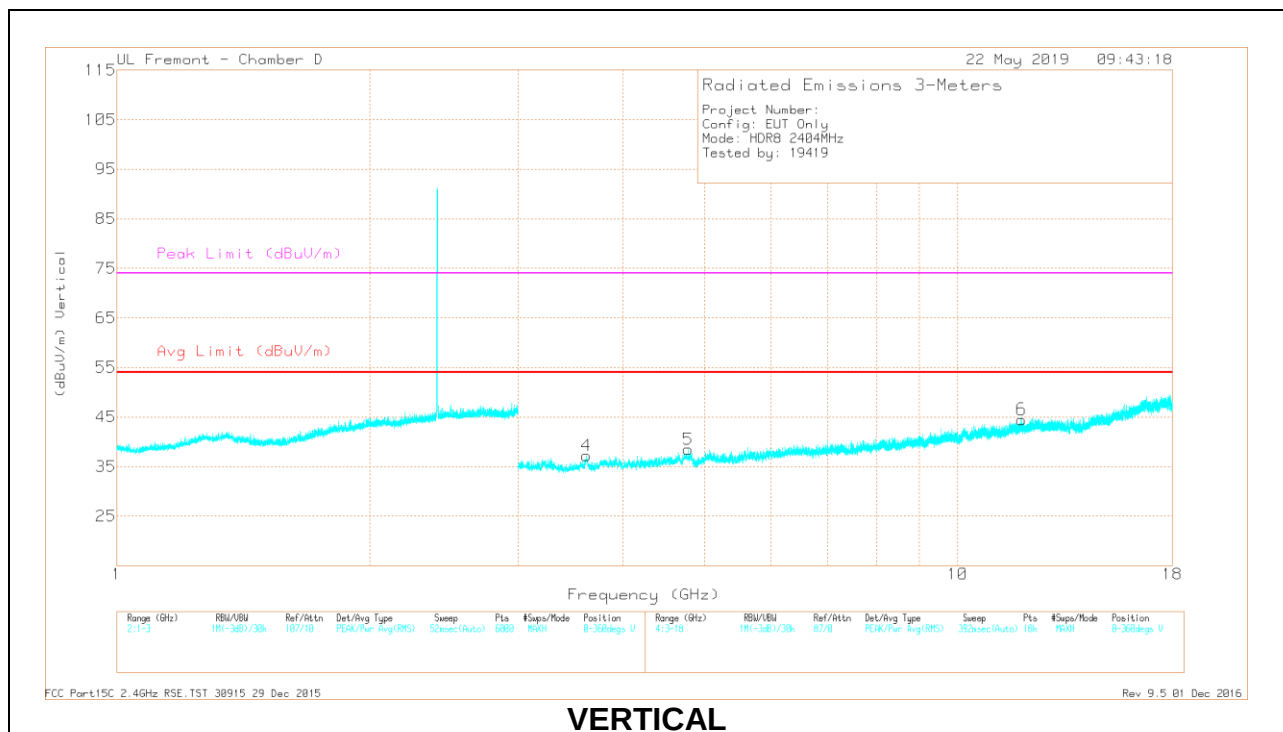
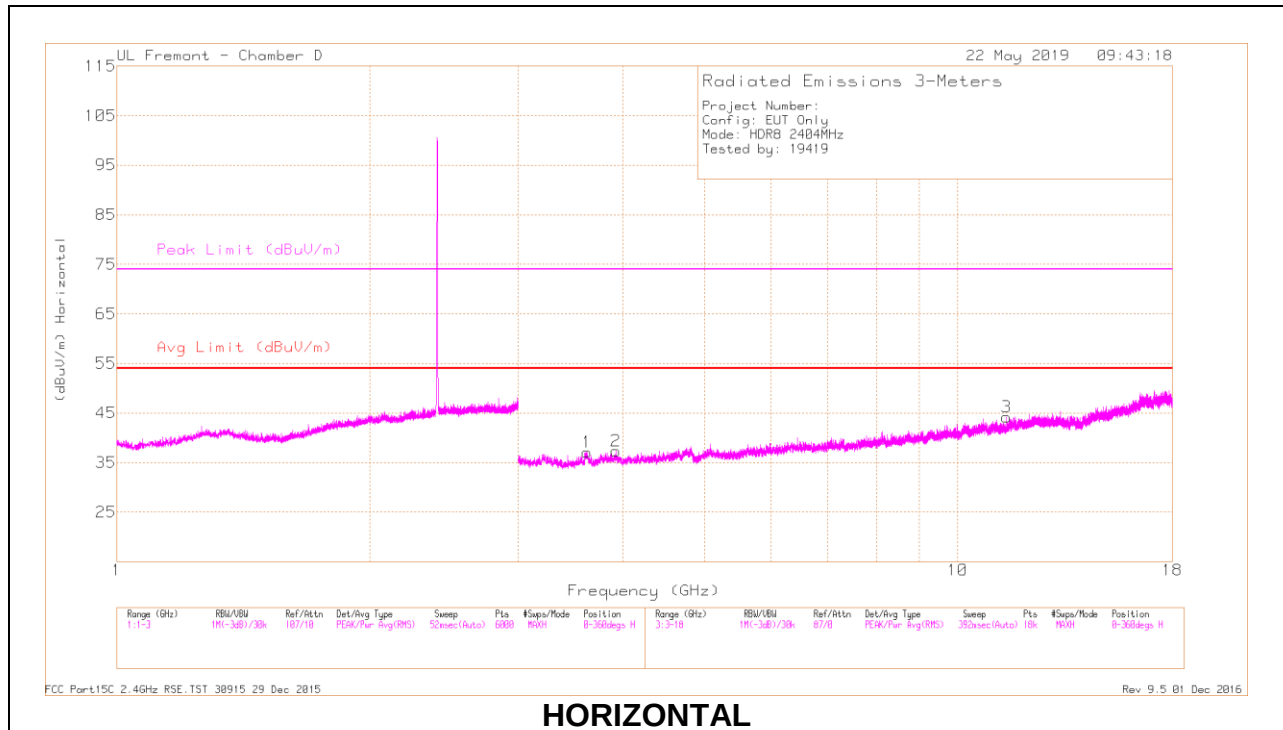
RMS - RMS detection

High CH BE - U.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

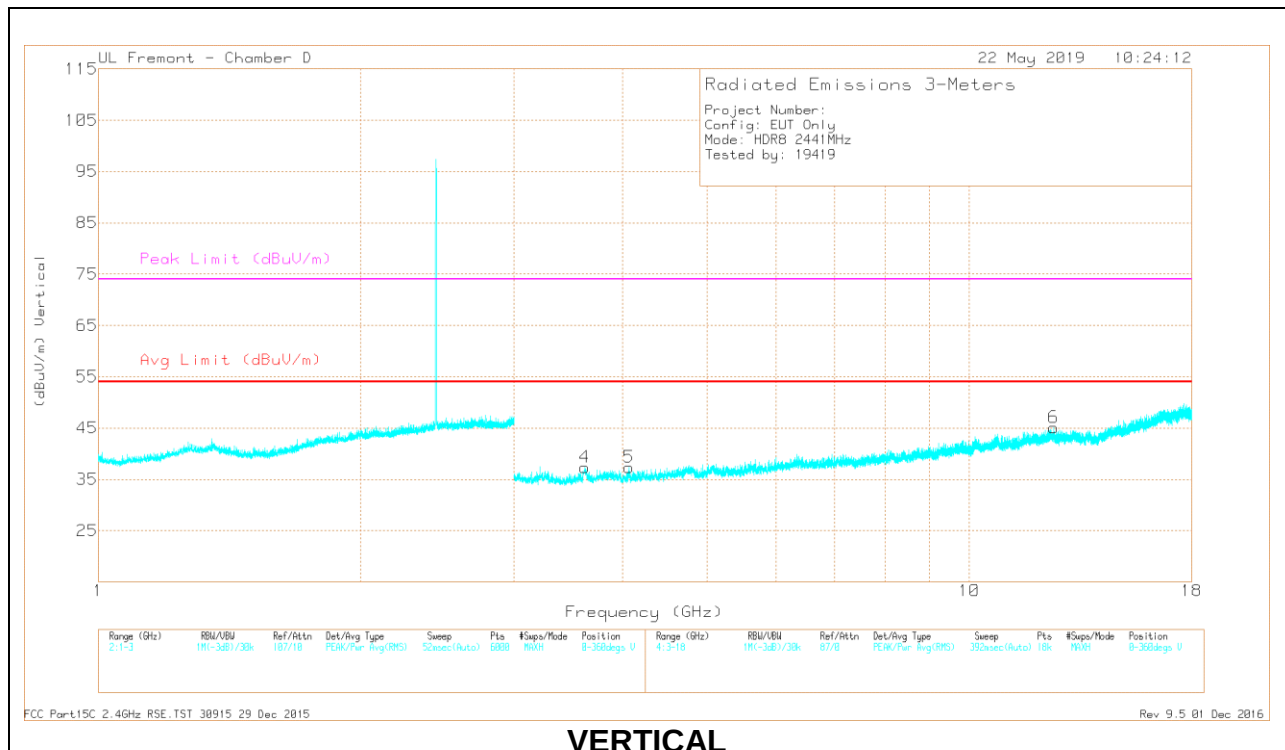
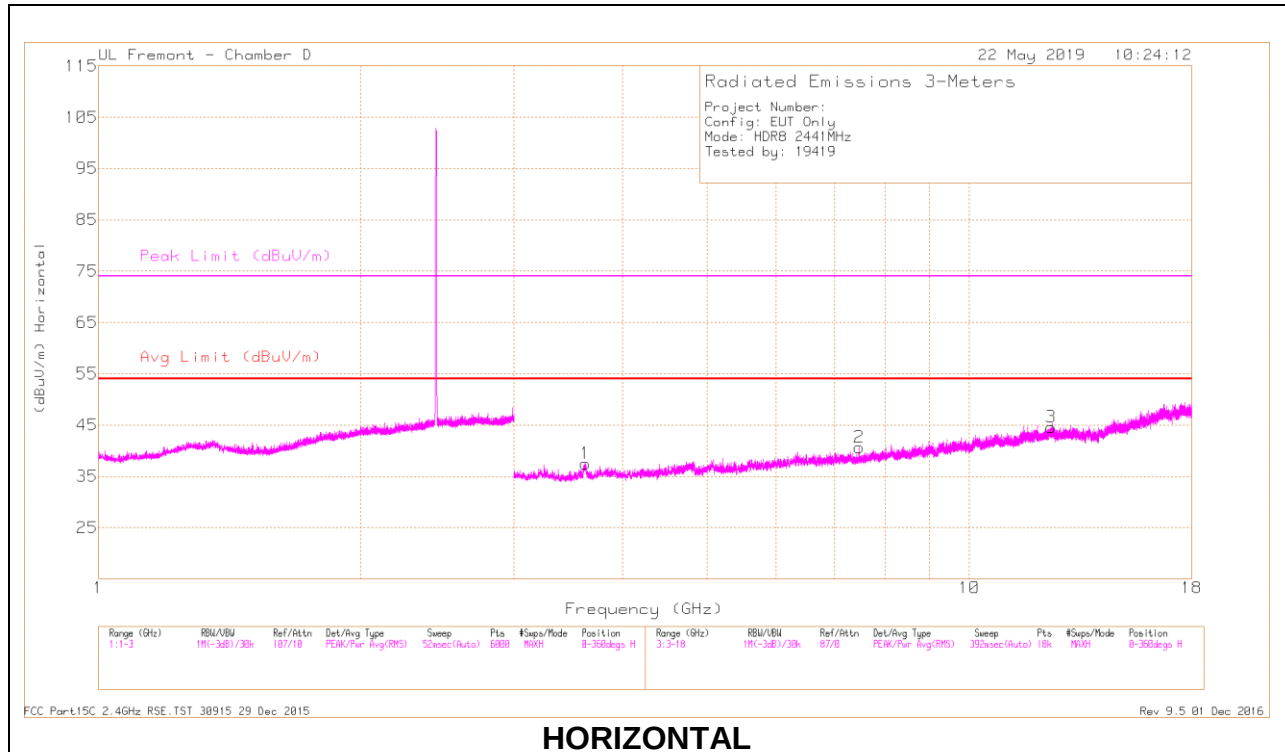
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.623	39.58	PK2	33.3	-28.5	44.38	-	-	74	-29.62	262	265	H
	* 3.625	27.03	MAv1	33.2	-28.6	31.63	54	-22.37	-	-	262	265	H
2	* 3.92	39.49	PK2	33.4	-27.8	45.09	-	-	74	-28.91	272	236	H
	* 3.92	26.89	MAv1	33.4	-27.8	32.49	54	-21.51	-	-	272	236	H
3	* 11.425	34.23	PK2	38	-21.8	50.43	-	-	74	-23.57	13	268	H
	* 11.427	20.66	MAv1	38	-21.8	36.86	54	-17.14	-	-	13	268	H
4	* 3.616	39.44	PK2	33.6	-28.4	44.64	-	-	74	-29.36	23	275	V
	* 3.618	26.96	MAv1	33.5	-28.4	32.06	54	-21.94	-	-	23	275	V
5	* 4.782	38.6	PK2	34	-26.9	45.7	-	-	74	-28.3	73	163	V
	* 4.781	25.85	MAv1	34	-26.8	33.05	54	-20.95	-	-	73	163	V
6	* 11.906	34.06	PK2	38.6	-21.3	51.36	-	-	74	-22.64	114	245	V
	* 11.903	20.5	MAv1	38.6	-21.2	37.9	54	-16.1	-	-	114	245	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

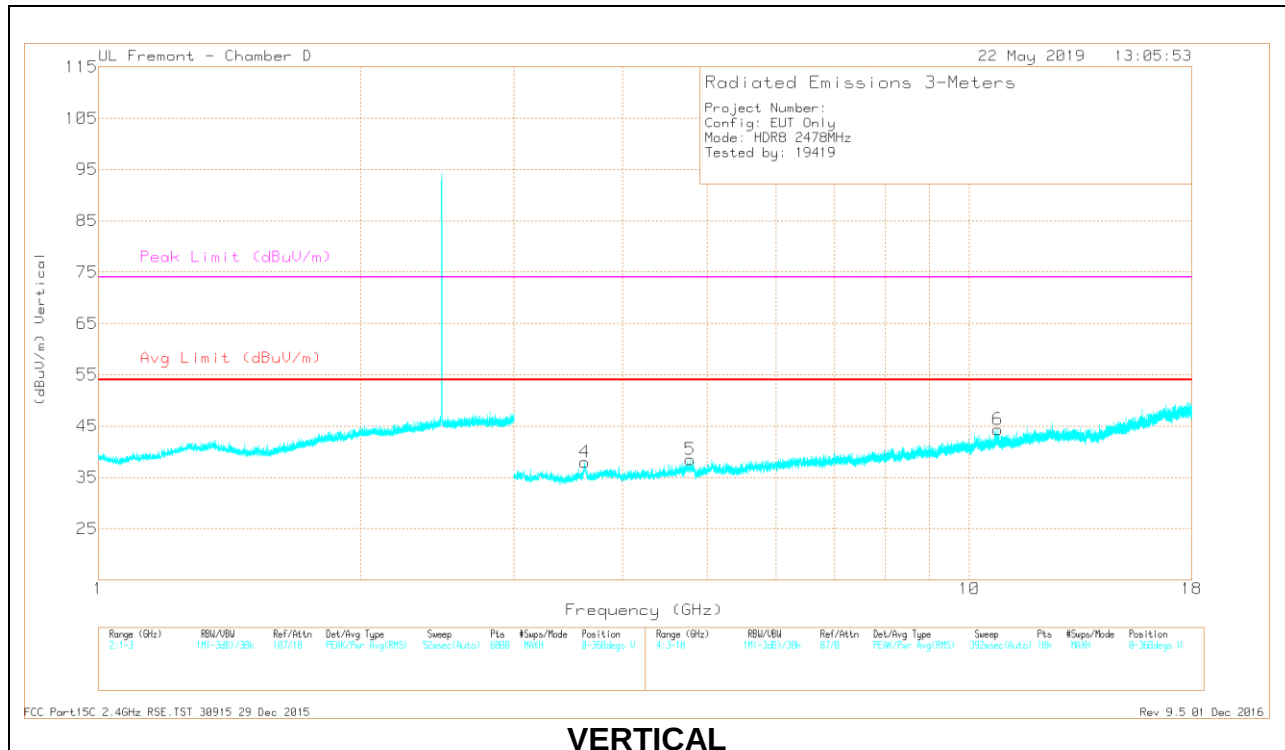
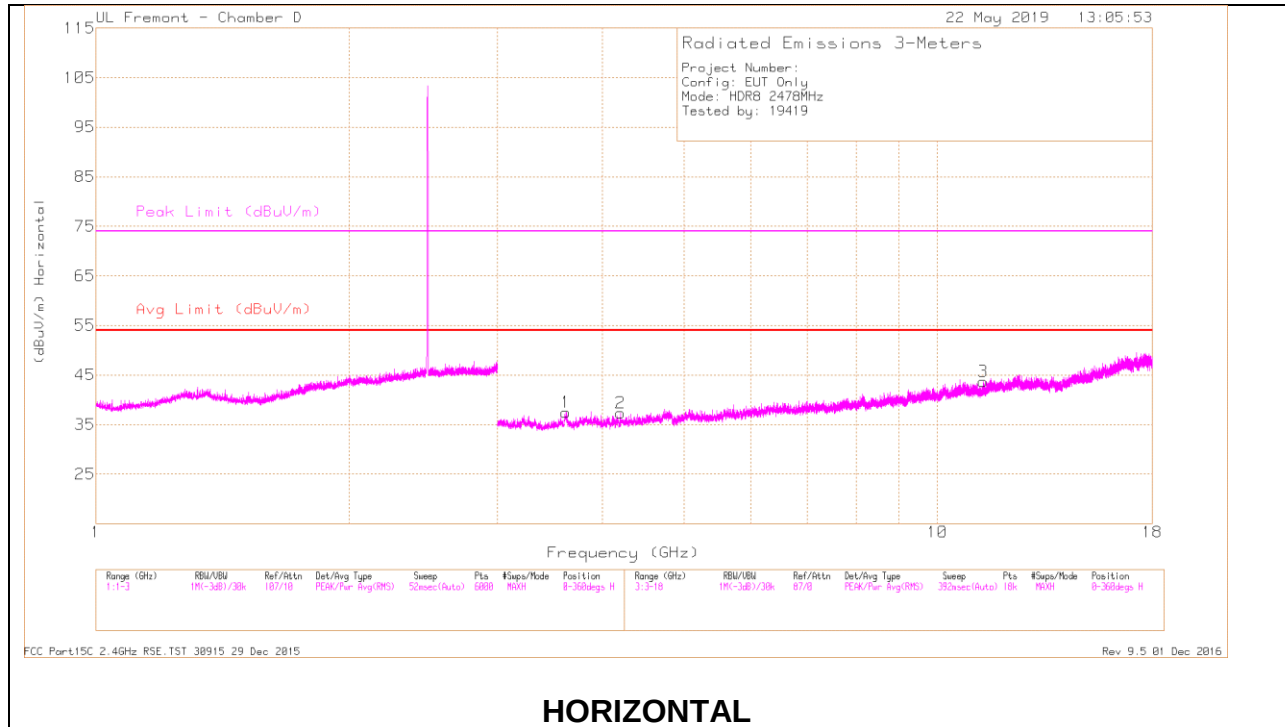
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.623	39.38	PK2	33.3	-28.5	44.18	-	-	74	-29.82	356	124	H
	* 3.624	26.98	MAv1	33.3	-28.5	31.78	54	-22.22	-	-	356	124	H
2	* 7.473	36.52	PK2	35.5	-24.7	47.32	-	-	74	-26.68	6	252	H
	* 7.473	22.97	MAv1	35.5	-24.7	33.77	54	-20.23	-	-	6	252	H
3	* 12.412	34.56	PK2	38.9	-21.7	51.76	-	-	74	-22.24	323	129	H
	* 12.415	21.23	MAv1	38.9	-21.7	38.43	54	-15.57	-	-	323	129	H
4	* 3.62	39.06	PK2	33.5	-28.4	44.16	-	-	74	-29.84	115	129	V
	* 3.618	26.98	MAv1	33.5	-28.4	32.08	54	-21.92	-	-	115	129	V
5	* 4.066	39.22	PK2	33.5	-28.1	44.62	-	-	74	-29.38	356	152	V
	* 4.067	26.53	MAv1	33.5	-28	32.03	54	-21.97	-	-	356	152	V
6	* 12.503	34.91	PK2	38.9	-21.3	52.51	-	-	74	-21.49	93	337	V
	* 12.505	20.94	MAv1	38.9	-21.3	38.54	54	-15.46	-	-	93	337	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	AF T712 (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	* 3.617	39.34	PK2	33.6	-28.4	44.54	-	-	74	-29.46	304	133	H
	* 3.619	27.13	MAv1	33.5	-28.4	32.23	54	-21.77	-	-	304	133	H
2	* 4.205	39.53	PK2	33.4	-27.5	45.43	-	-	74	-28.57	274	332	H
	* 4.205	25.92	MAv1	33.4	-27.5	31.82	54	-22.18	-	-	274	332	H
3	* 11.342	33.96	PK2	38	-21.6	50.36	-	-	74	-23.64	124	134	H
	* 11.339	20.31	MAv1	38	-21.5	36.81	54	-17.19	-	-	124	134	H
4	* 3.616	39.46	PK2	33.6	-28.4	44.66	-	-	74	-29.34	65	213	V
	* 3.617	26.6	MAv1	33.6	-28.4	31.8	54	-22.2	-	-	65	213	V
5	* 4.78	38.67	PK2	34	-26.7	45.97	-	-	74	-28.03	304	311	V
	* 4.778	25.81	MAv1	34	-26.6	33.21	54	-20.79	-	-	304	311	V
6	* 10.782	34.81	PK2	37.8	-20.8	51.81	-	-	74	-22.19	169	163	V
	* 10.778	19.7	MAv1	37.8	-20.8	36.7	54	-17.3	-	-	169	163	V

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

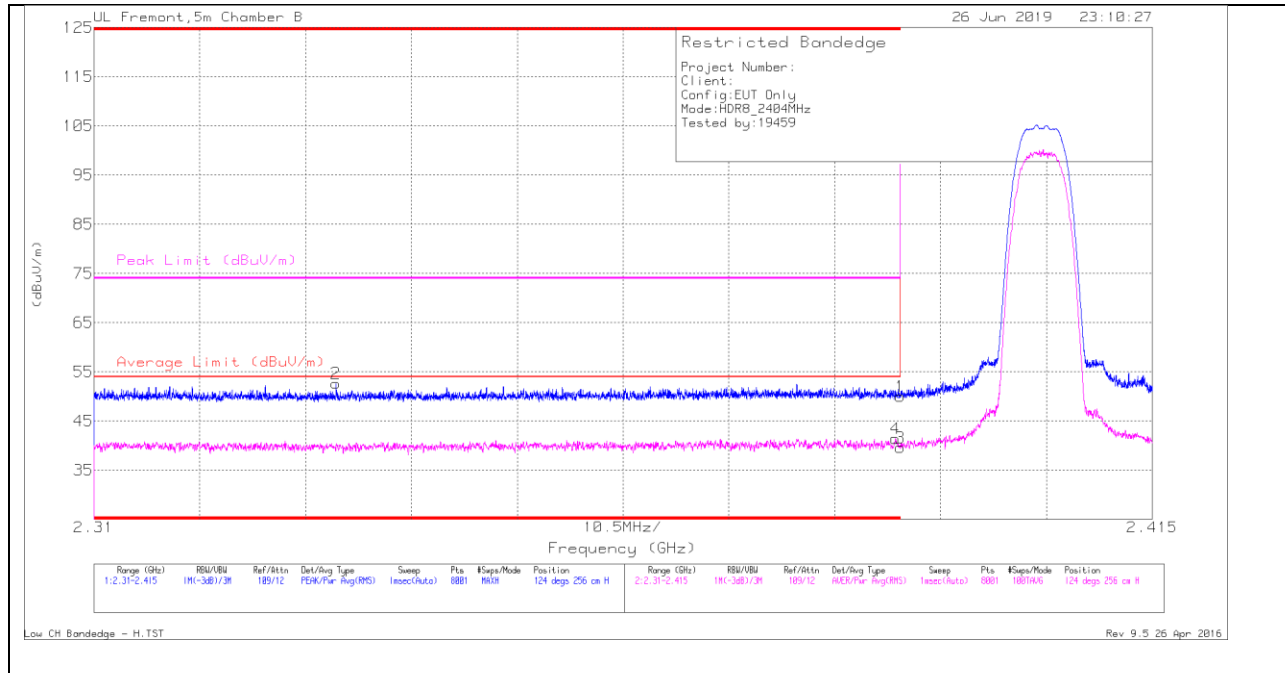
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



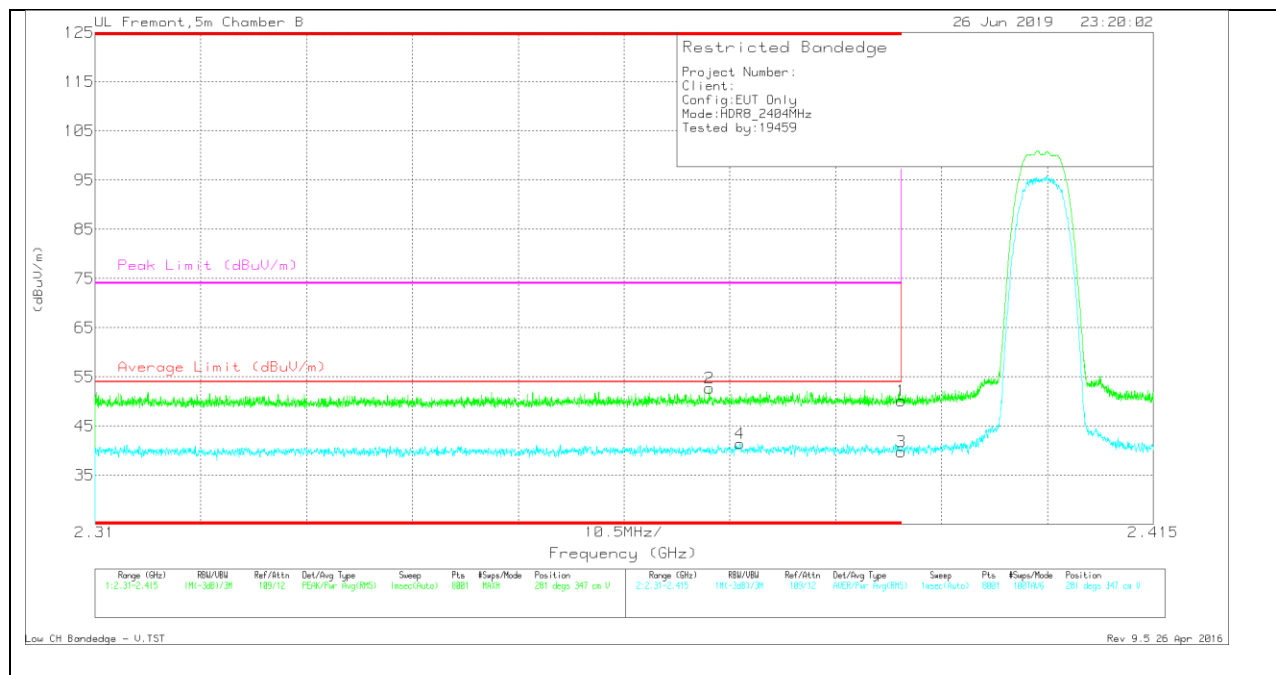
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	36.98	Pk	31.9	-18.9	49.98	-	-	74	-24.02	124	256	H
2	* 2.334	40.06	Pk	31.6	-19	52.66	-	-	74	-21.34	124	256	H
3	* 2.39	26.6	RMS	31.9	-18.9	39.6	54	-14.4	-	-	124	256	H
4	* 2.39	28.46	RMS	31.9	-18.9	41.46	54	-12.54	-	-	124	256	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 T344 (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	39.82	Pk	31.8	-18.9	52.72	-	-	74	-21.28	281	347	V
4	* 2.374	28.57	RMS	31.8	-18.9	41.47	54	-12.53	-	-	281	347	V
1	* 2.39	37.19	Pk	31.9	-18.9	50.19	-	-	74	-23.81	281	347	V
3	* 2.39	26.8	RMS	31.9	-18.9	39.8	54	-14.2	-	-	281	347	V

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

Pk - Peak detector

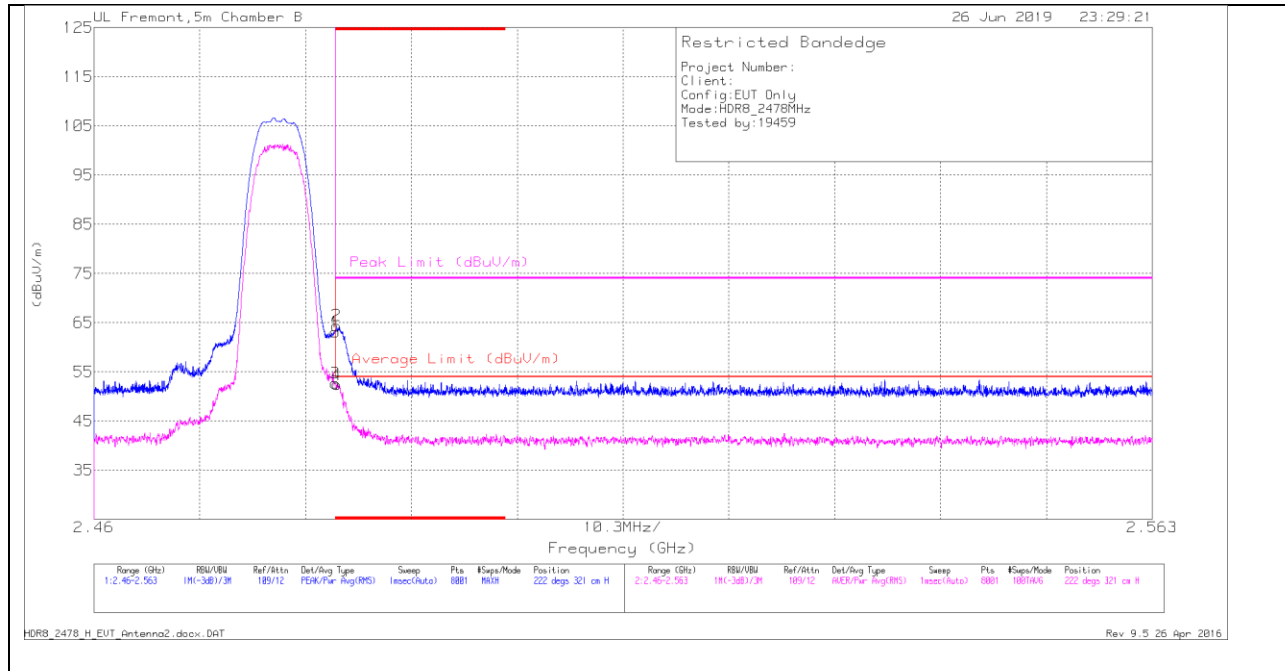
RMS - RMS detection

Low CH Bandedge - V.TST

Rev 9.5 26 Apr 2016

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Ampl/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	49.69	Pk	32.3	-18.9	63.09	-	-	74	-10.91	222	321	H
2	* 2.484	51.02	Pk	32.3	-18.9	64.42	-	-	74	-9.58	222	321	H
3	* 2.484	39.33	RMS	32.3	-18.9	52.73	54	-1.27	-	-	222	321	H
4	* 2.484	39.02	RMS	32.3	-18.9	52.42	54	-1.58	-	-	222	321	H

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

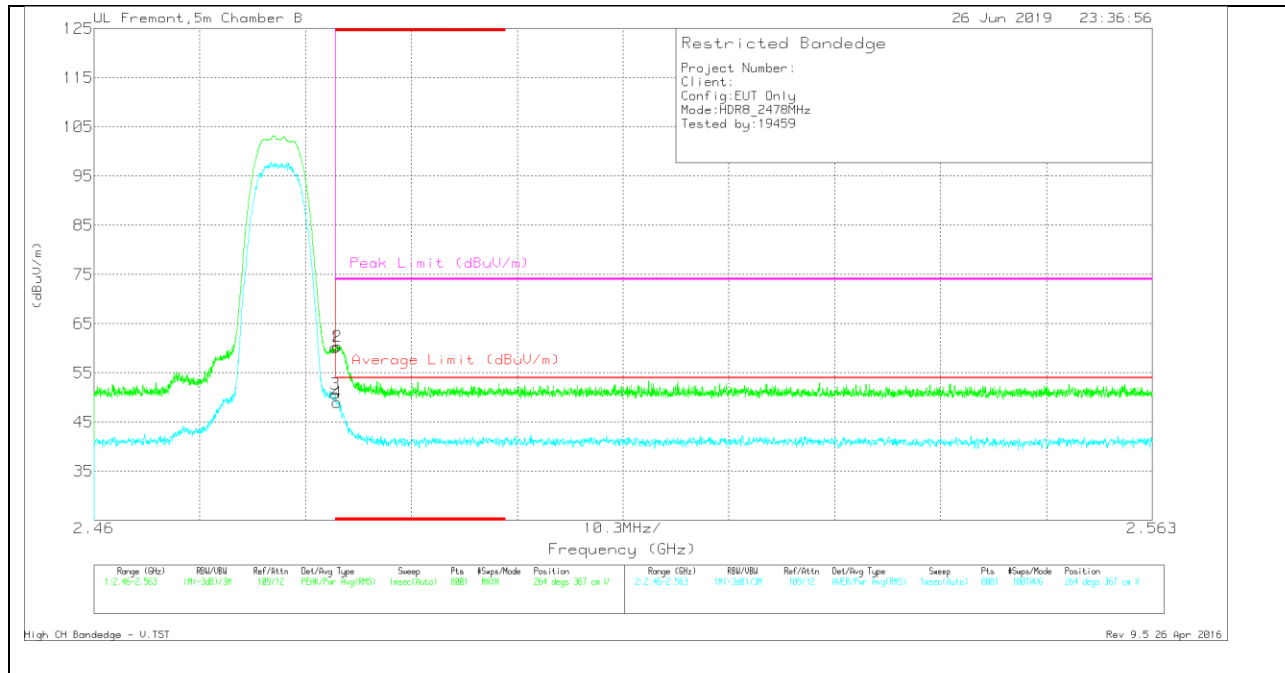
Pk - Peak detector

RMS - RMS detection

HDR8_2478_H_EVT_Antenna2.docx.DAT

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Chn/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	46.76	Pk	32.3	-18.9	60.16	-	-	74	-13.84	264	367	V
2	* 2.484	47	Pk	32.3	-18.9	60.4	-	-	74	-13.6	264	367	V
3	* 2.484	37.33	RMS	32.3	-18.9	50.73	54	-3.27	-	-	264	367	V
4	* 2.484	35.59	RMS	32.3	-18.9	48.99	54	-5.01	-	-	264	367	V

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

Pk - Peak detector

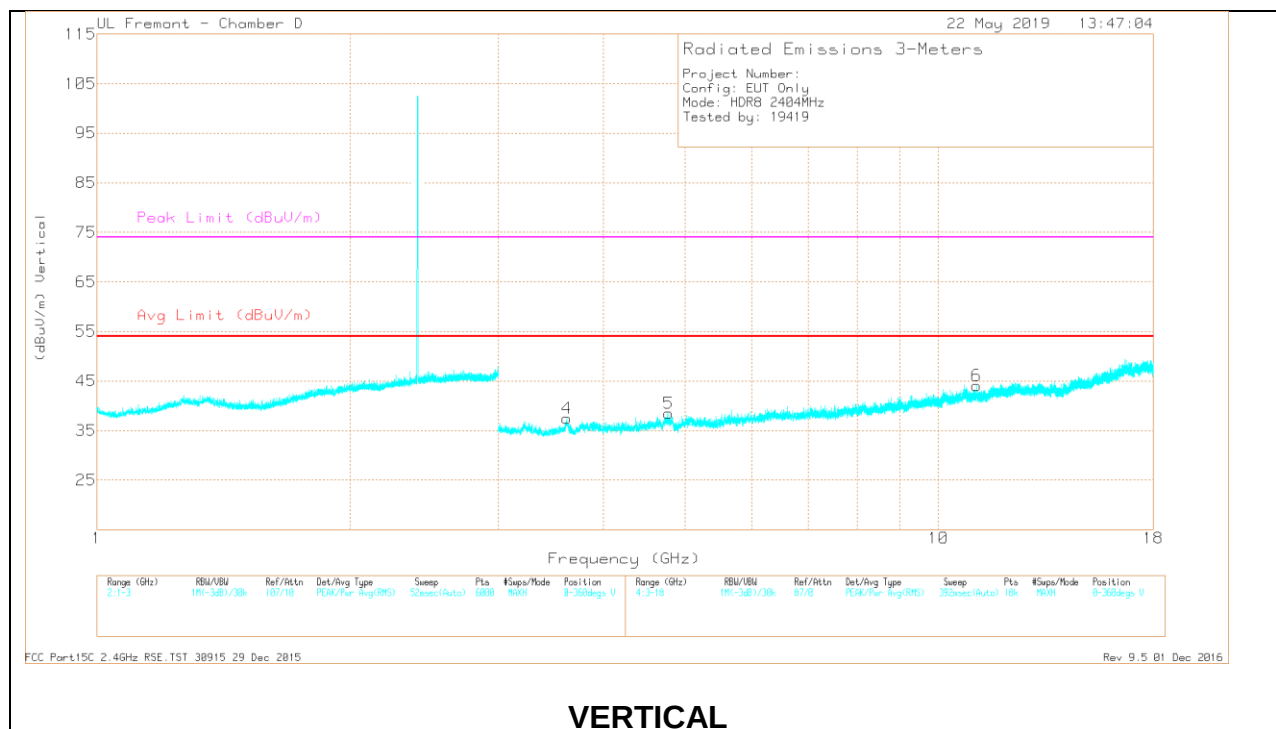
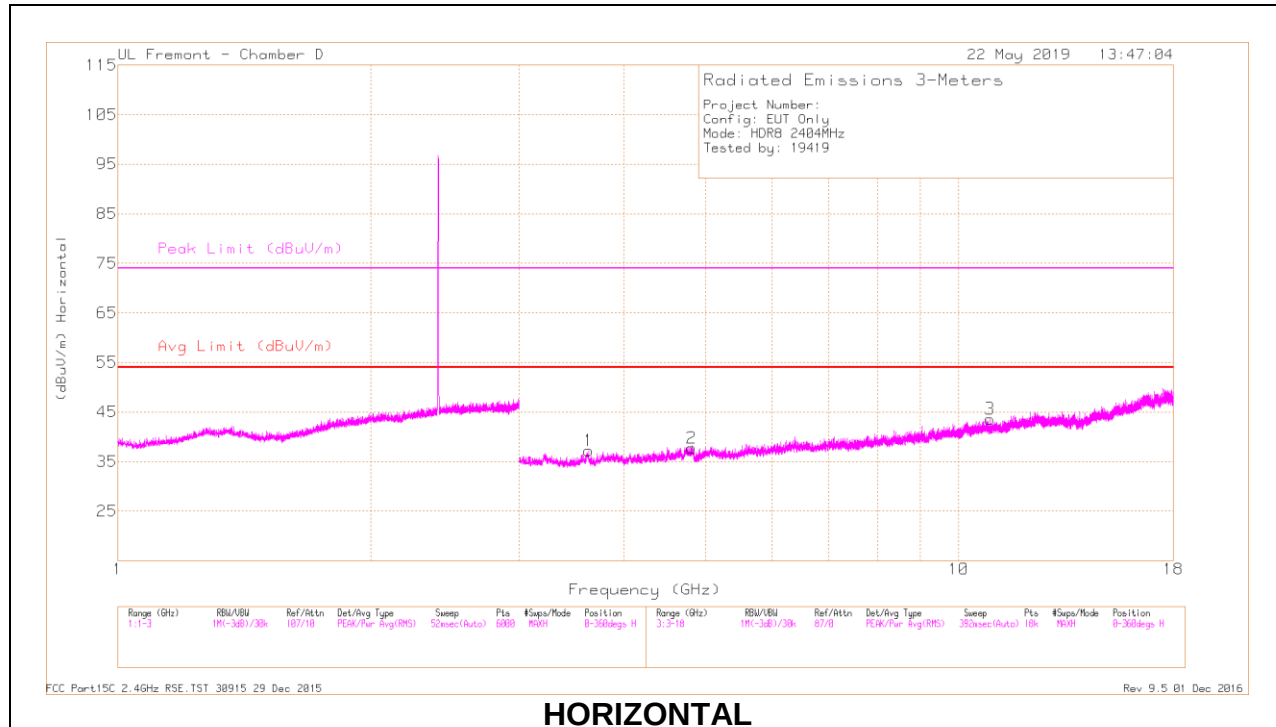
RMS - RMS detection

High CH Bandedge - V.TST

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

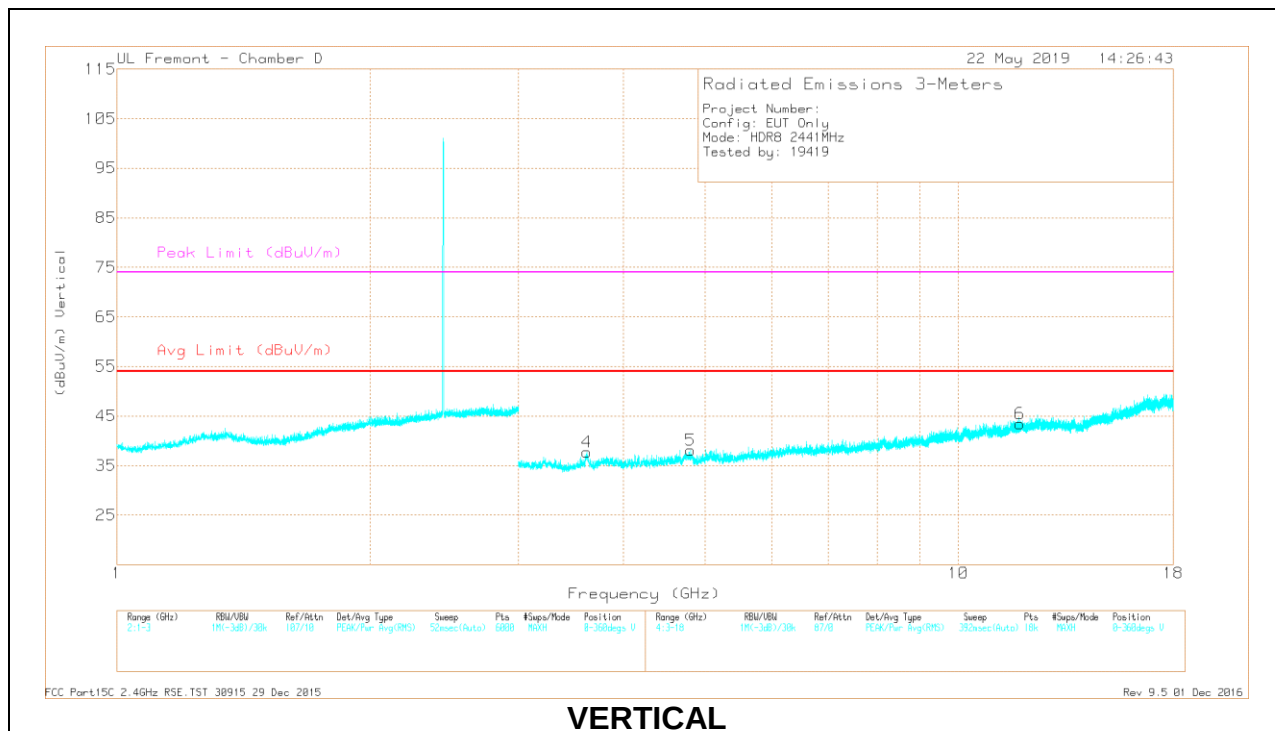
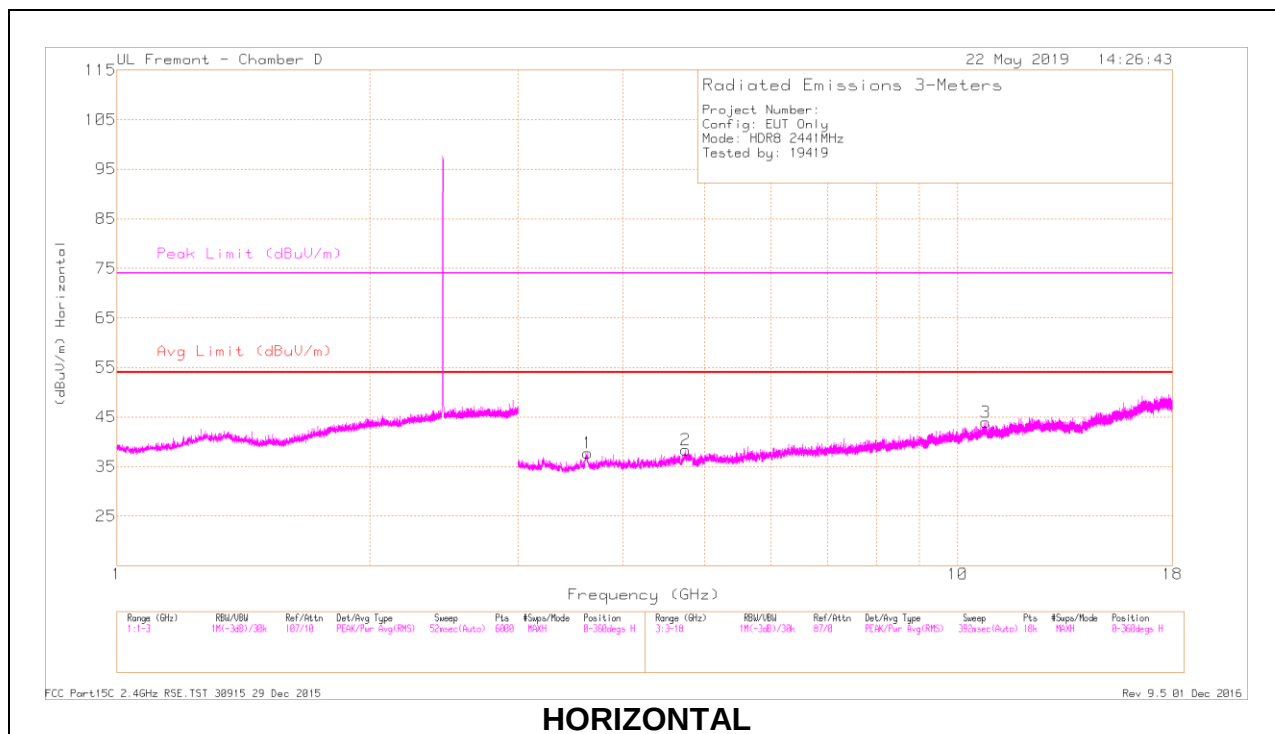
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.631	39.18	PK2	33.1	-28.5	43.78	-	-	74	-30.22	178	256	H
	* 3.631	26.88	MAv1	33.1	-28.5	31.48	54	-22.52	-	-	178	256	H
2	* 4.817	38.53	PK2	34	-27	45.53	-	-	74	-28.47	192	153	H
	* 4.818	25.9	MAv1	34	-27	32.9	54	-21.1	-	-	192	153	H
3	* 10.888	34.44	PK2	37.8	-21.5	50.74	-	-	74	-23.26	354	236	H
	* 10.889	20.04	MAv1	37.8	-21.5	36.34	54	-17.66	-	-	354	236	H
4	* 3.619	39.16	PK2	33.5	-28.4	44.26	-	-	74	-29.74	137	378	V
	* 3.62	26.87	MAv1	33.5	-28.4	31.97	54	-22.03	-	-	137	378	V
5	* 4.776	38.19	PK2	34	-26.6	45.59	-	-	74	-28.41	230	125	V
	* 4.779	25.88	MAv1	34	-26.7	33.18	54	-20.82	-	-	230	125	V
6	* 11.107	35.08	PK2	37.8	-21.4	51.48	-	-	74	-22.52	298	172	V
	* 11.11	20.75	MAv1	37.8	-21.5	37.05	54	-16.95	-	-	298	172	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

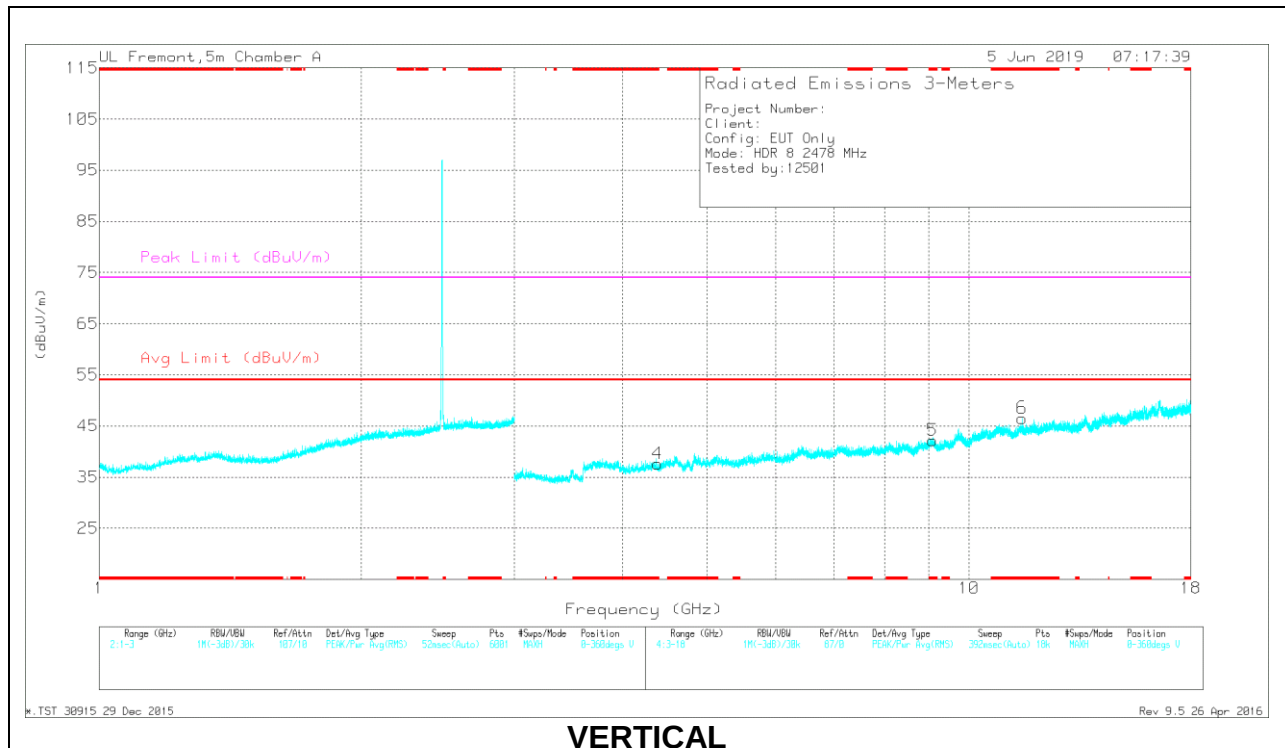
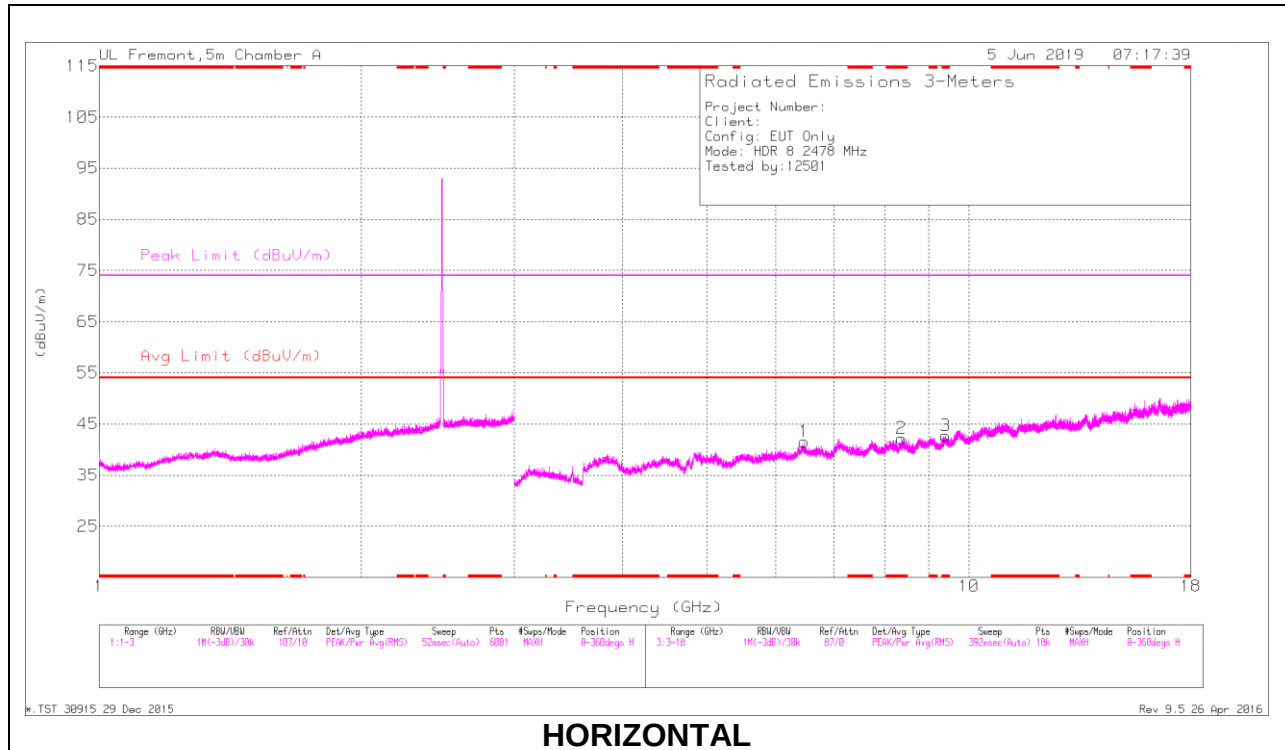
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.629	39.82	PK2	33.1	-28.5	44.42	-	-	74	-29.58	328	127	H
	* 3.628	26.75	MAv1	33.2	-28.5	31.45	54	-22.55	-	-	328	127	H
2	* 4.747	38.4	PK2	33.9	-26.6	45.7	-	-	74	-28.3	52	167	H
	* 4.748	25.36	MAv1	33.9	-26.7	32.56	54	-21.44	-	-	52	167	H
3	* 10.801	33.69	PK2	37.8	-21.2	50.29	-	-	74	-23.71	2	250	H
	* 10.8	19.9	MAv1	37.8	-21.2	36.5	54	-17.5	-	-	2	250	H
4	* 3.621	39.23	PK2	33.4	-28.4	44.23	-	-	74	-29.77	87	372	V
	* 3.621	27.05	MAv1	33.4	-28.4	32.05	54	-21.95	-	-	87	372	V
5	* 4.803	39.02	PK2	34.1	-26.8	46.32	-	-	74	-27.68	123	230	V
	* 4.801	26.75	MAv1	34.1	-26.8	34.05	54	-19.95	-	-	123	230	V
6	* 11.82	34.52	PK2	38.5	-21.5	51.52	-	-	74	-22.48	106	159	V
	* 11.822	21.43	MAv1	38.5	-21.5	38.43	54	-15.57	-	-	106	159	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 8.369	35.18	PK2	35.9	-23.3	47.78	-	-	74	-26.22	360	101	H
* 8.368	25.17	MAv1	35.9	-23.3	37.77	54	-16.23	-	-	360	101	H
* 9.398	34.42	PK2	36.4	-21.6	49.22	-	-	74	-24.78	360	199	H
* 9.399	24.03	MAv1	36.4	-21.6	38.83	54	-15.17	-	-	360	199	H
* 4.391	39.85	PK2	33.7	-29.1	44.45	-	-	74	-29.55	360	199	V
* 4.389	29.64	MAv1	33.7	-29	34.34	54	-19.66	-	-	360	199	V
* 9.085	33.98	PK2	36.3	-21.8	48.48	-	-	74	-25.52	360	199	V
* 9.087	24.3	MAv1	36.3	-21.8	38.8	54	-15.2	-	-	360	199	V
* 11.514	33.33	PK2	38.1	-19.9	51.53	-	-	74	-22.47	360	102	V
* 11.513	23.19	MAv1	38.1	-19.9	41.39	54	-12.61	-	-	360	102	V
6.46	36.22	PK2	35.9	-24.9	47.22	-	-	-	-	360	101	H

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

PK2 - KDB558074 Method: Maximum Peak

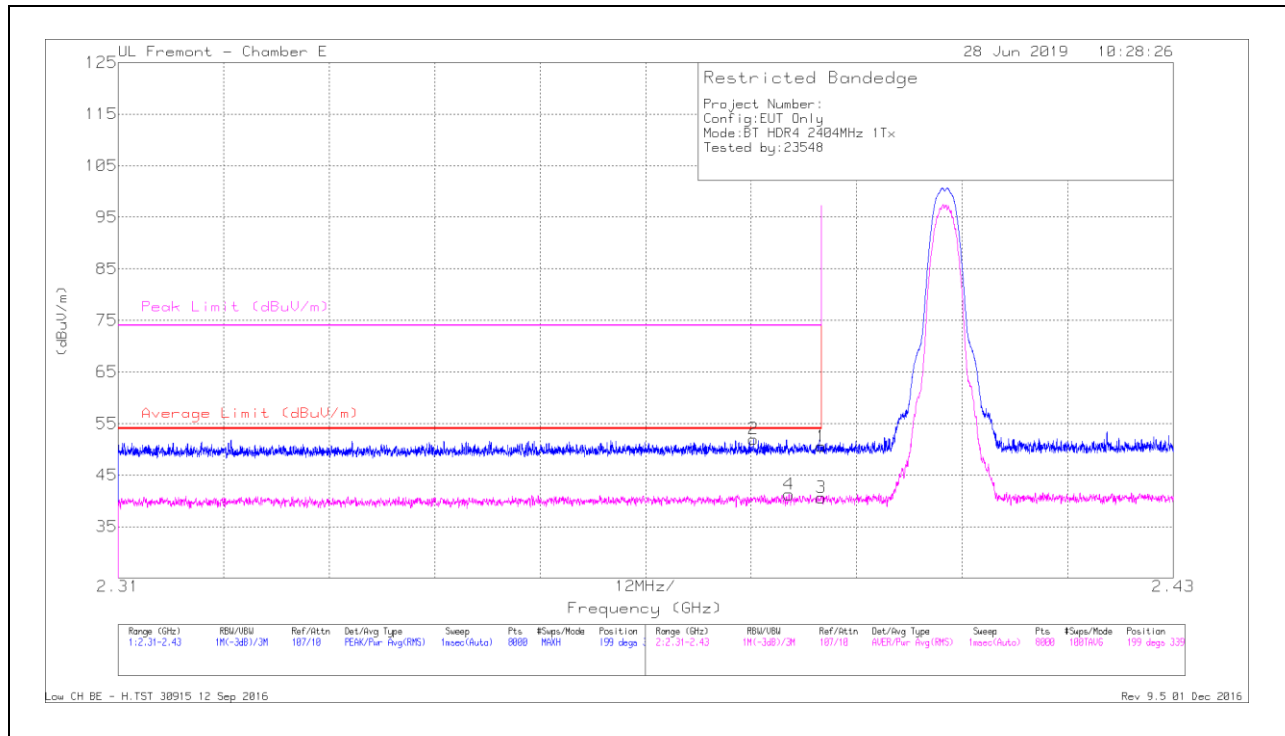
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. LOW POWER HDR (HDR4)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



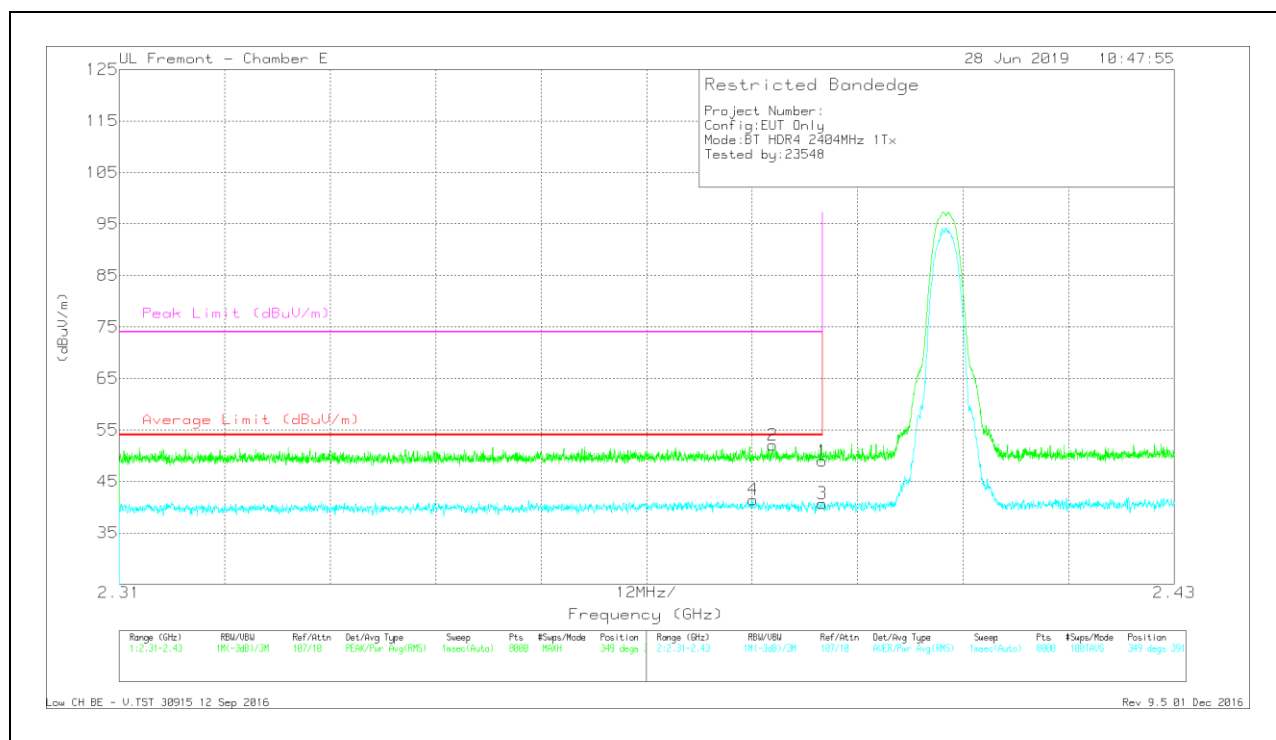
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.48	Pk	32.3	-26.2	50.58	-	-	74	-23.42	199	339	H
2	* 2.382	45.98	Pk	32.3	-26.3	51.98	-	-	74	-22.02	199	339	H
3	* 2.39	34.53	RMS	32.3	-26.2	40.63	54	-13.37	-	-	199	339	H
4	* 2.386	35.25	RMS	32.3	-26.3	41.25	54	-12.75	-	-	199	339	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/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	* 2.39	42.87	Pk	32.3	-26.2	48.97	-	-	74	-25.03	349	391	V
2	* 2.384	46.03	Pk	32.3	-26.3	52.03	-	-	74	-21.97	349	391	V
3	* 2.39	34.62	RMS	32.3	-26.2	40.72	54	-13.28	-	-	349	391	V
4	* 2.382	35.45	RMS	32.3	-26.3	41.45	54	-12.55	-	-	349	391	V

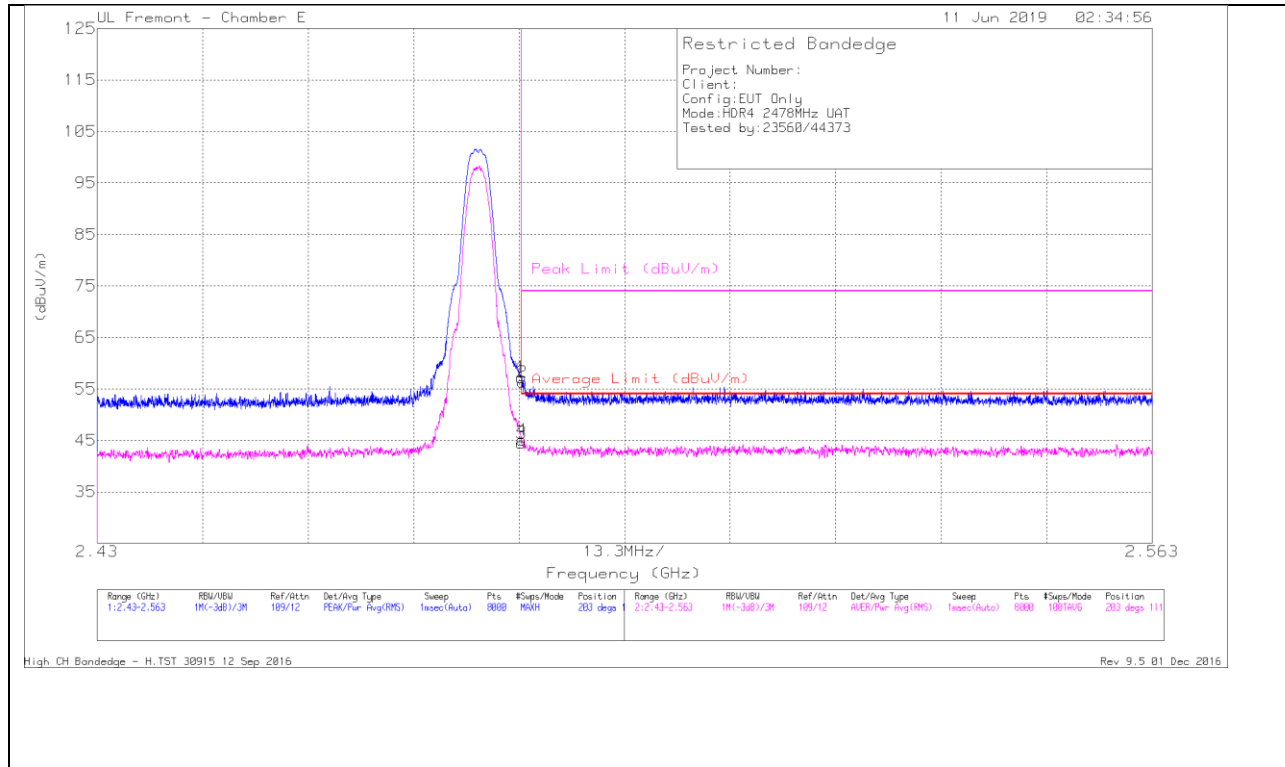
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtri/ 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	42.54	Pk	32.8	-18.1	57.24	-	-	74	-16.76	203	111	H
2	* 2.484	41.58	Pk	32.8	-18.1	56.28	-	-	74	-17.72	203	111	H
3	* 2.484	29.79	RMS	32.8	-18.1	44.49	54	-9.51	-	-	203	111	H
4	* 2.484	30.38	RMS	32.8	-18.1	45.08	54	-8.92	-	-	203	111	H

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

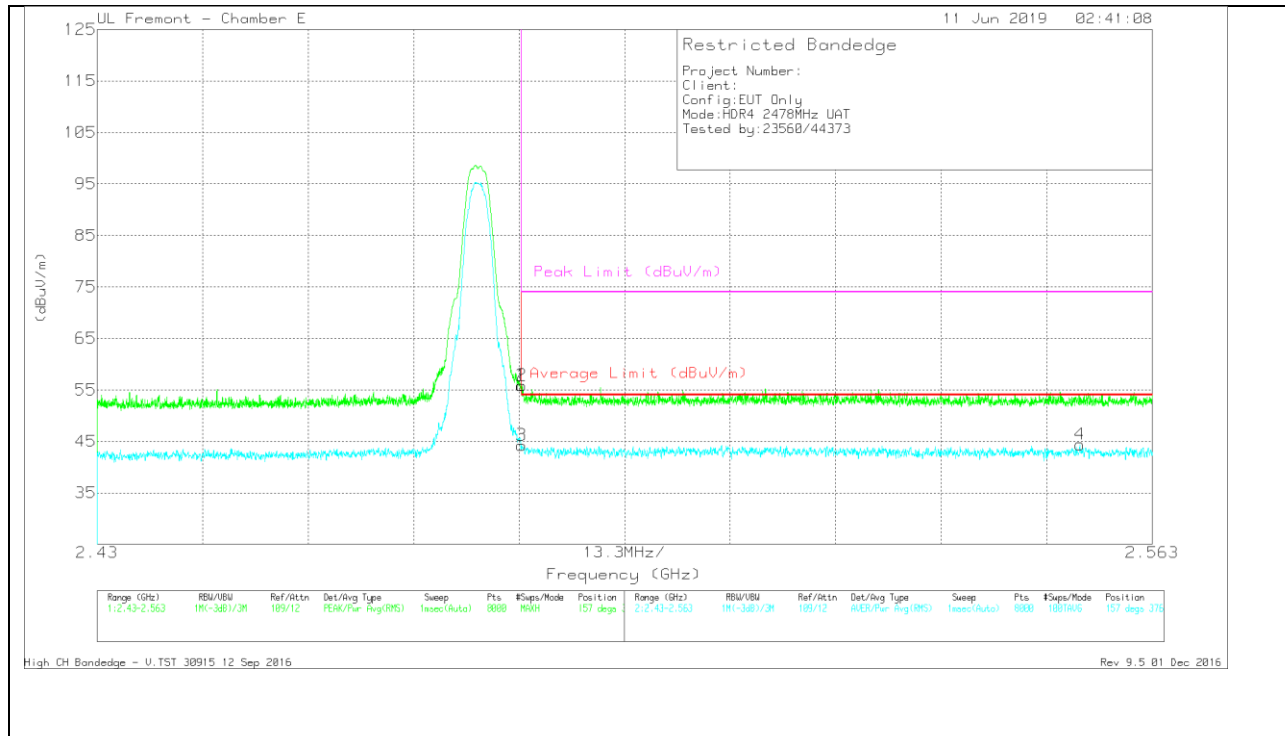
Pk - Peak detector

RMS - RMS detection

High CH Bandedge - 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)	Ampl/Chn/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	41.15	Pk	32.8	-18.1	55.85	-	-	74	-18.15	157	376	V
2	* 2.484	41.17	Pk	32.8	-18.1	55.87	-	-	74	-18.13	157	376	V
3	* 2.484	29.56	RMS	32.8	-18.1	44.26	54	-9.74	-	-	157	376	V
4	2.554	29.81	RMS	32.8	-18.2	44.41	54	-9.59	-	-	157	376	V

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

Pk - Peak detector

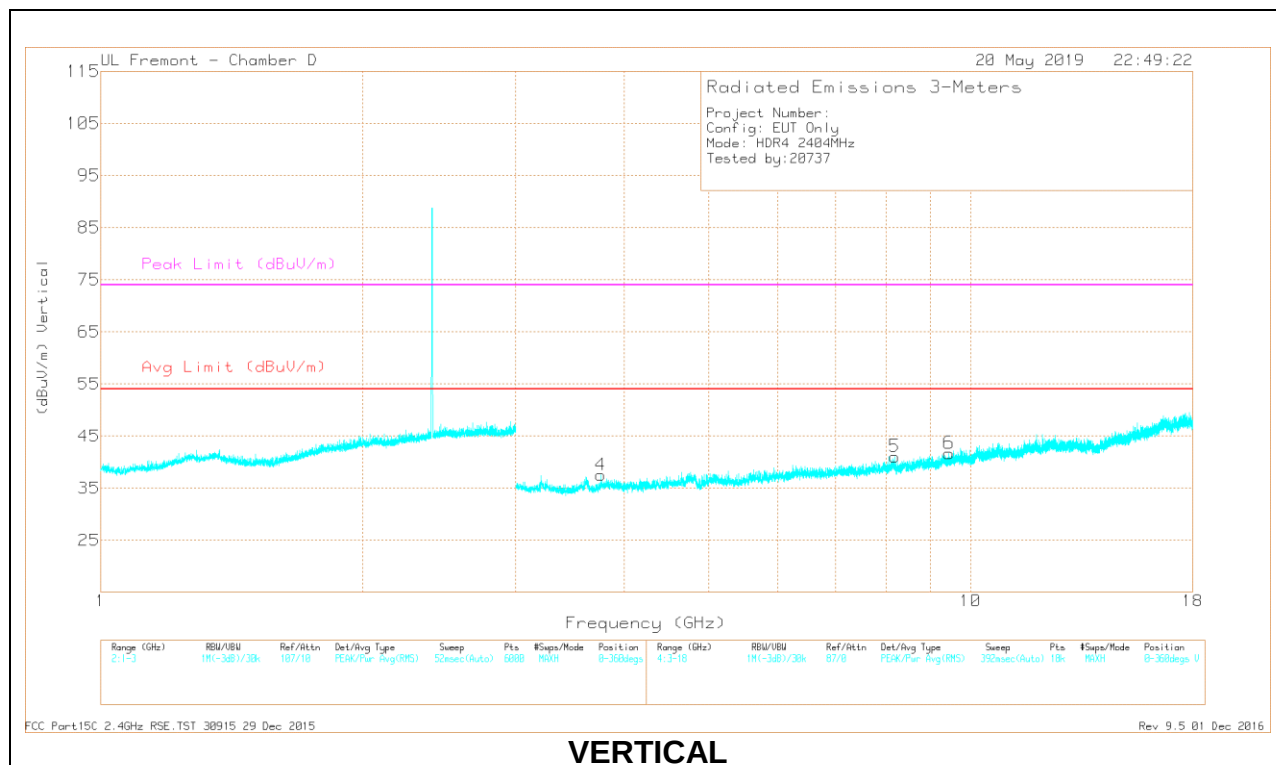
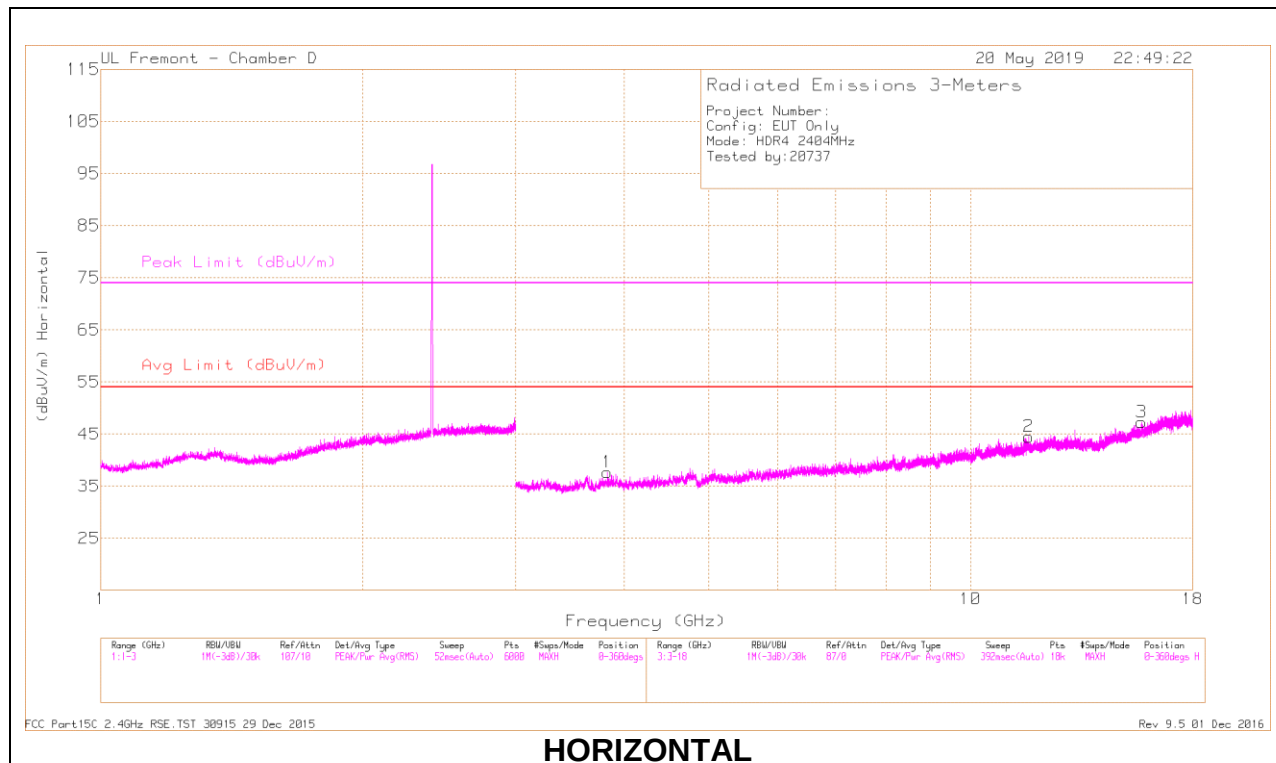
RMS - RMS detection

High CH Bandedge - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/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	* 3.823	39.98	PK2	33.5	-28.4	45.08	-	-	74	-28.92	43	124	H
	* 3.825	27.8	MAv1	33.5	-28.4	32.9	54	-21.1	-	-	43	124	H
2	* 11.666	34.69	PK2	38.3	-21.1	51.89	-	-	74	-22.11	360	154	H
	* 11.667	21.37	MAv1	38.3	-21.1	38.57	54	-15.43	-	-	360	154	H
3	* 15.722	35.03	PK2	40.2	-20.3	54.93	-	-	74	-19.07	303	209	H
	* 15.724	21.87	MAv1	40.2	-20.4	41.67	54	-12.33	-	-	303	209	H
4	* 3.76	39.61	PK2	33.3	-27.9	45.01	-	-	74	-28.99	235	259	V
	* 3.76	27.57	MAv1	33.3	-27.9	32.97	54	-21.03	-	-	235	259	V
5	* 8.182	35.18	PK2	35.7	-23.3	47.58	-	-	74	-26.42	176	304	V
	* 8.182	23.21	MAv1	35.7	-23.4	35.51	54	-18.49	-	-	176	304	V
6	* 9.444	34.3	PK2	36.5	-21.9	48.9	-	-	74	-25.1	210	283	V
	* 9.445	21.72	MAv1	36.5	-22	36.22	54	-17.78	-	-	210	283	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average