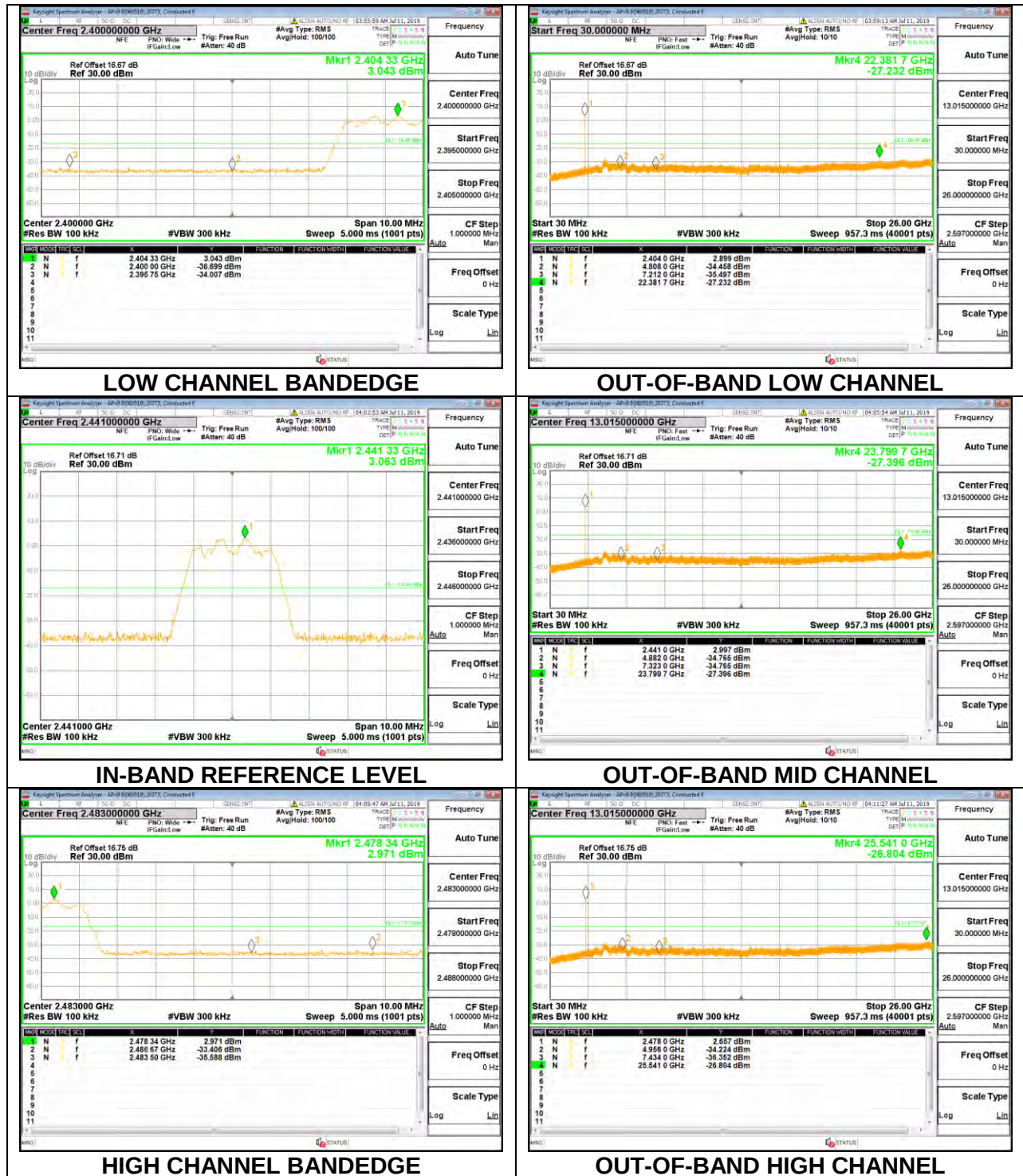
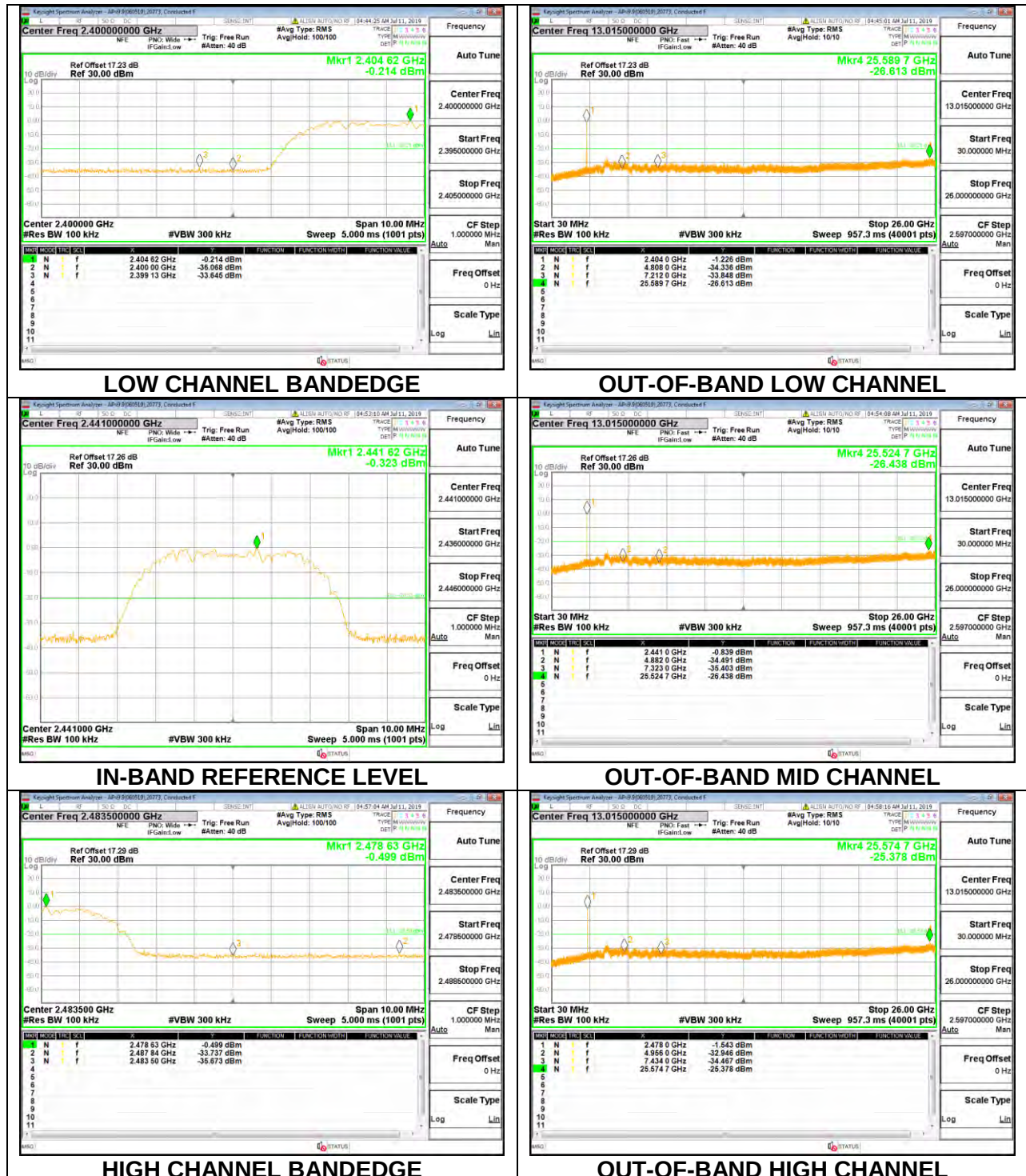


Antenna 3

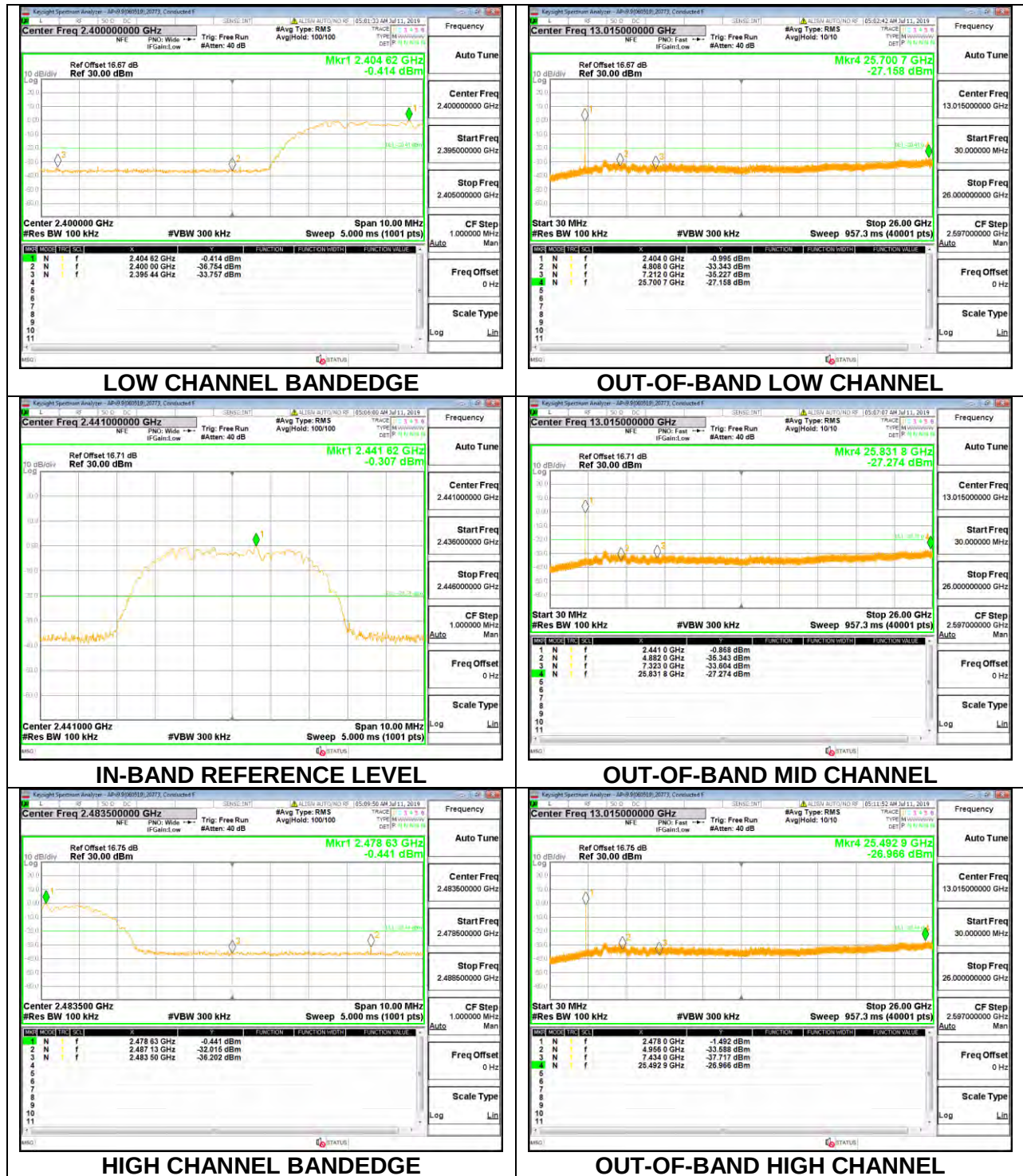


8.13.4. LOW POWER HDR (HDR8)

Antenna 4



Antenna 3



8.14. BEAMFORMING CONDUCTED SPURIOUS EMISSIONS

LIMITS

FCC §15.247 (d)

RSS-247 5.5

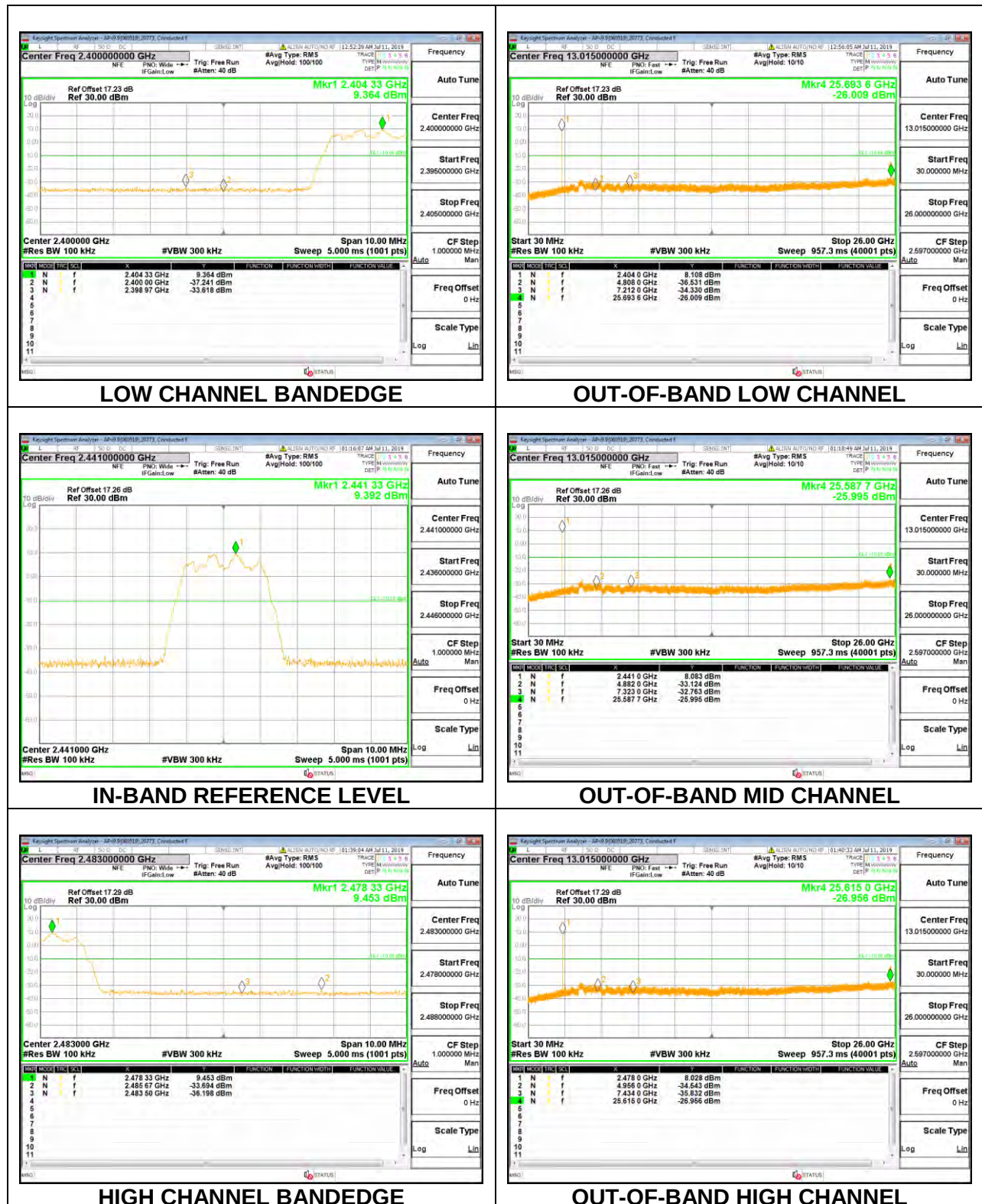
Output power was measured based on the use of a peak measurement, therefore the required attenuation is 20 dB.

Note: Test procedures and setting on beamforming are same as HDR normal mode

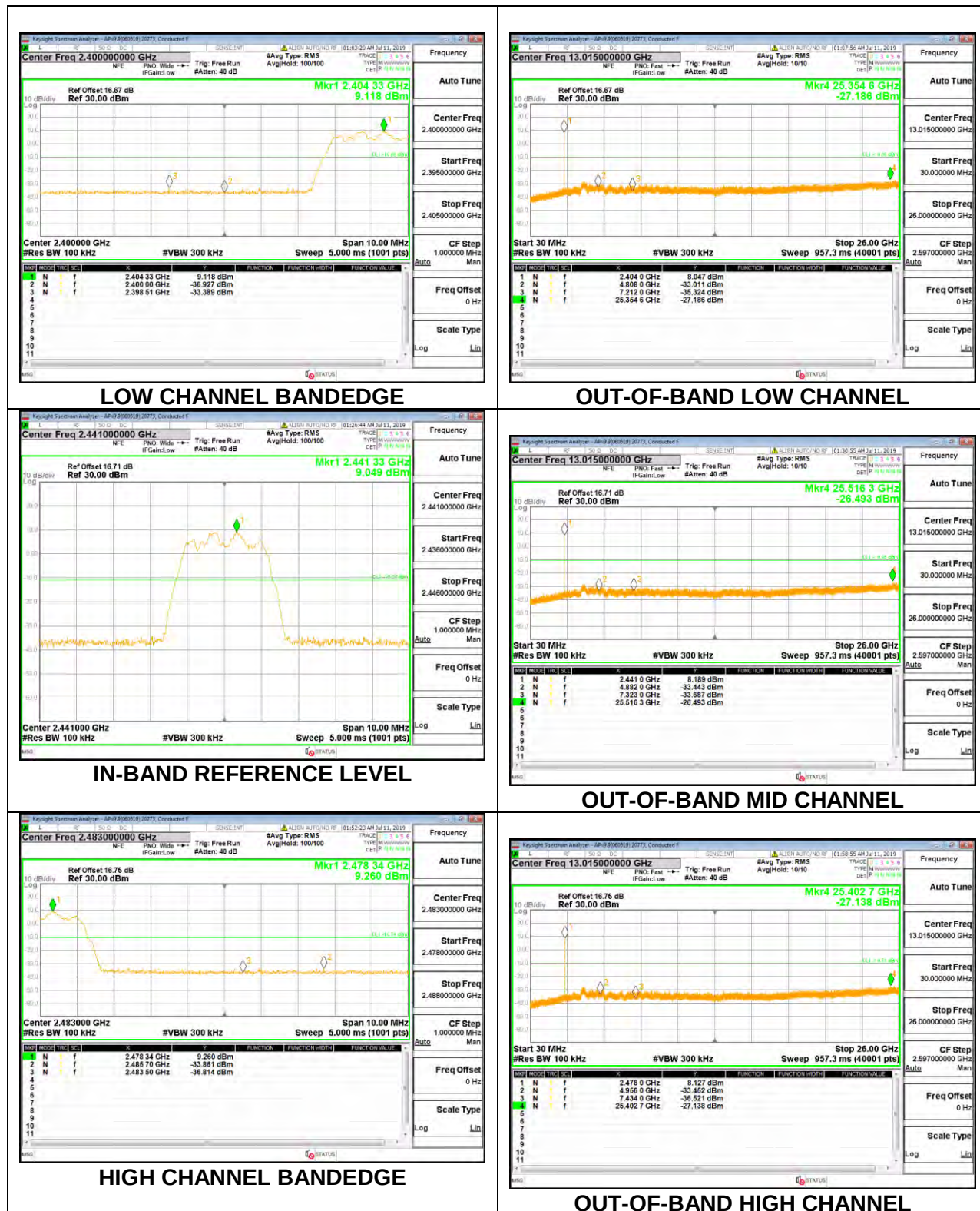
RESULTS

8.14.1. HIGH POWER HDR (HDR4)

Antenna 4

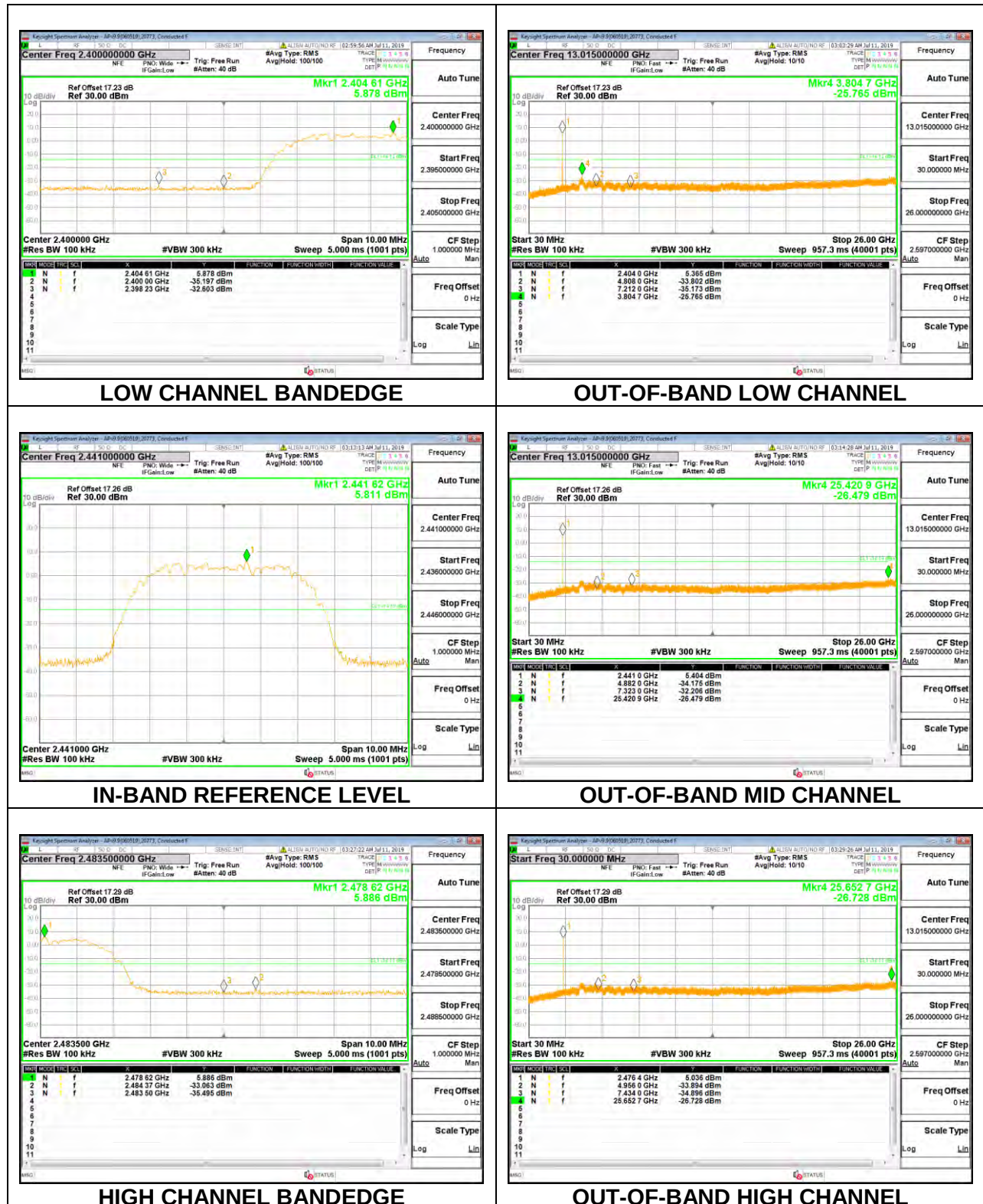


Antenna 3

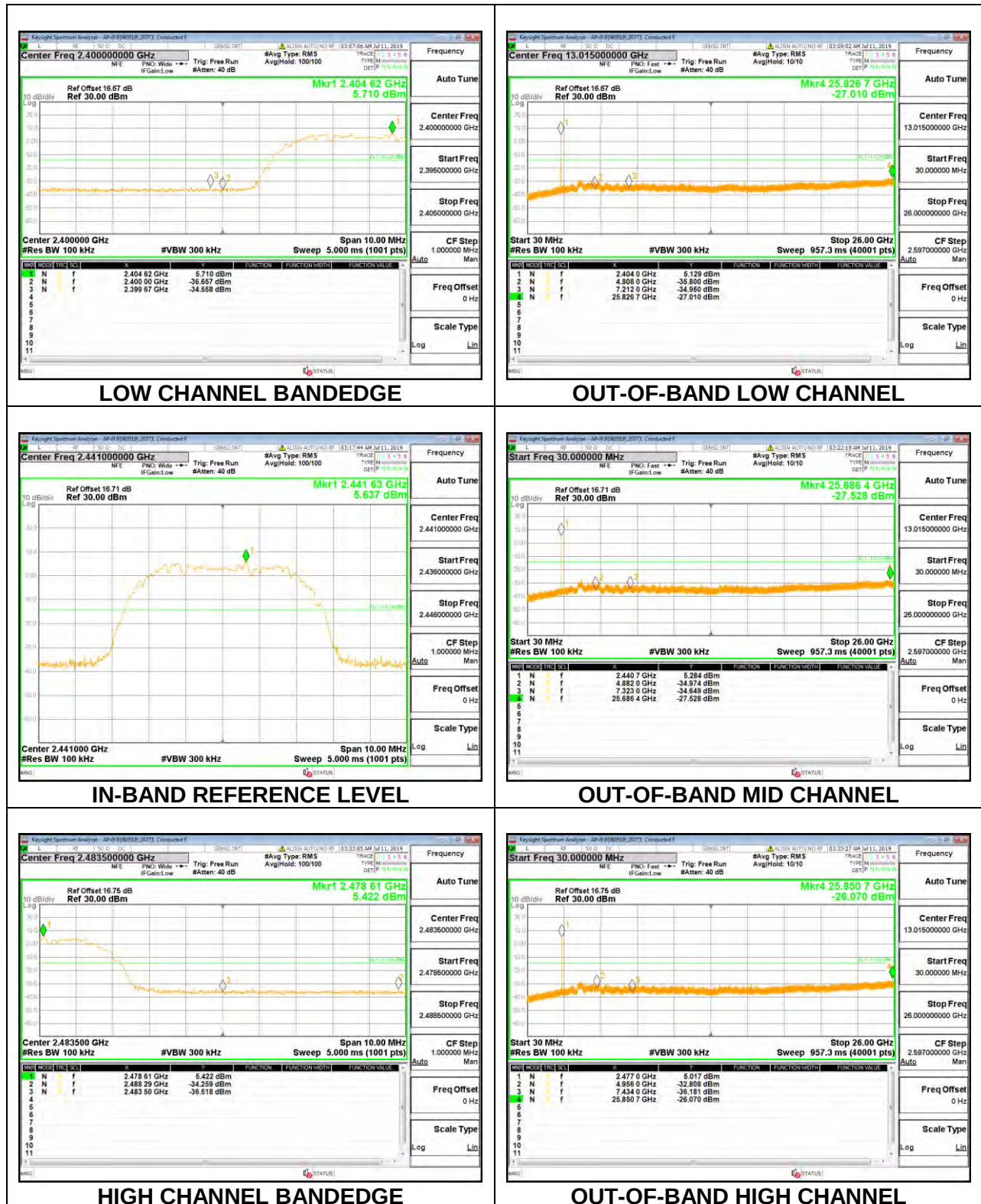


8.14.2. HIGH POWER HDR (HDR8)

Antenna 4

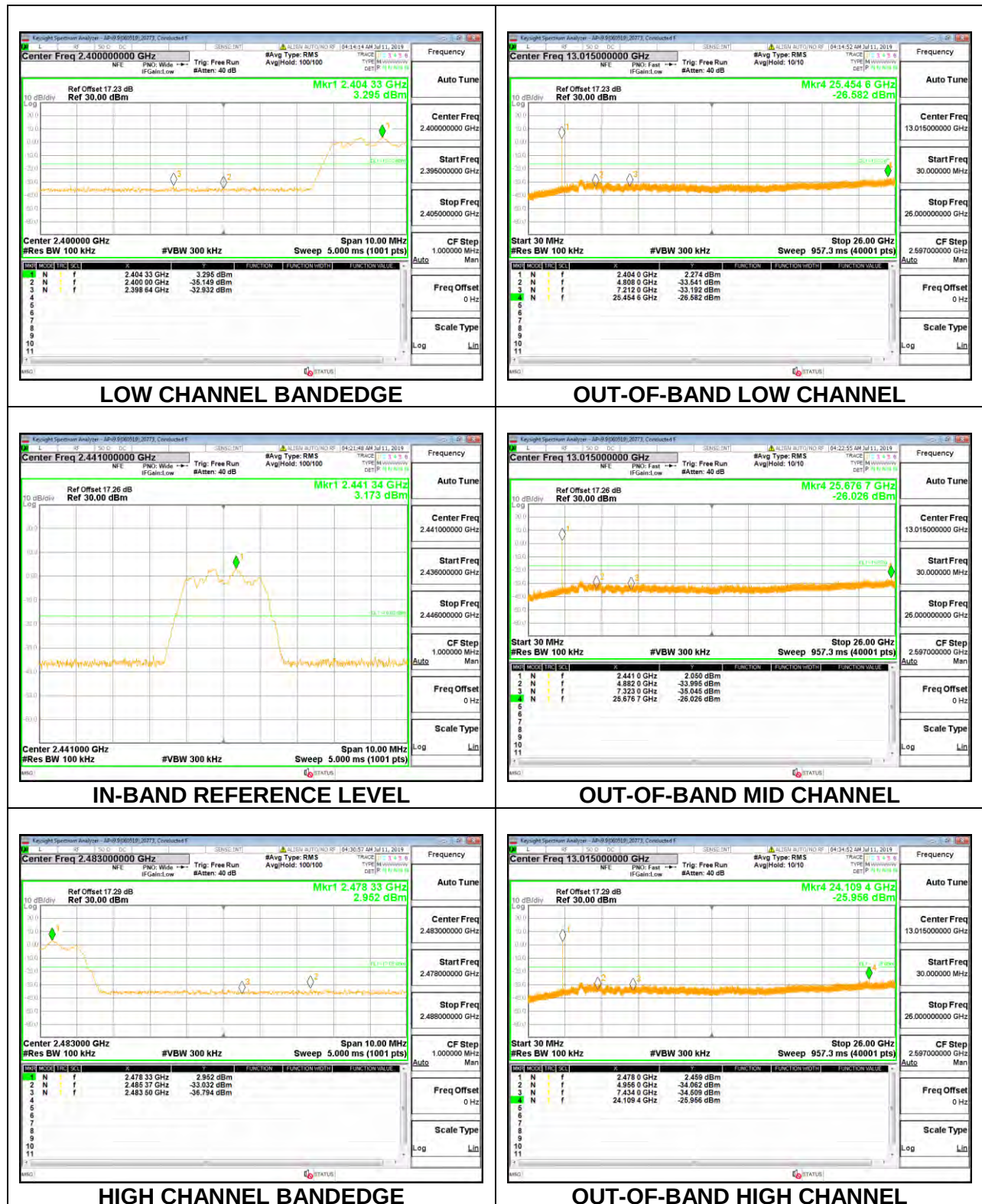


Antenna 3

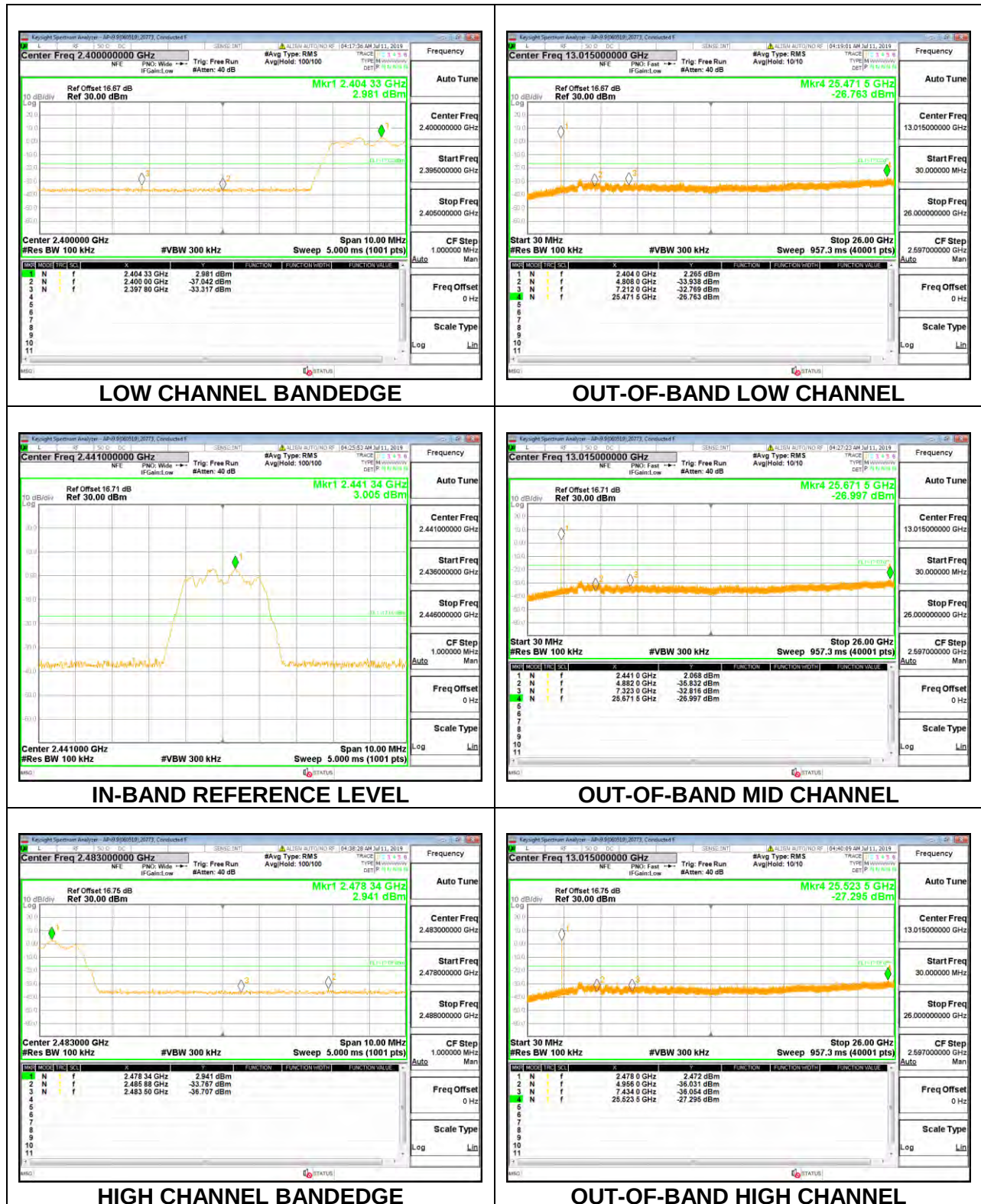


8.14.3. LOW POWER HDR (HDR4)

Antenna 4

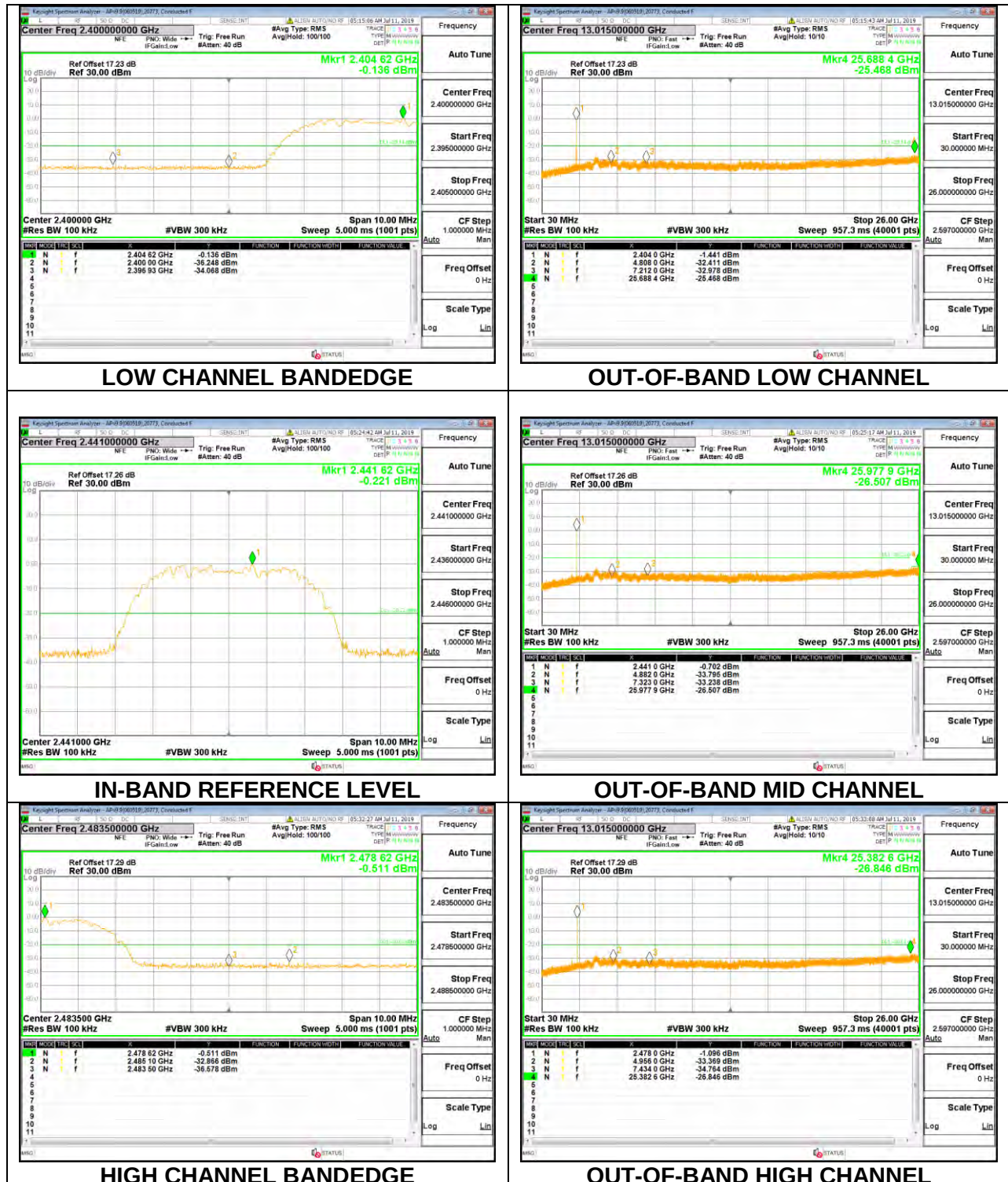


Antenna 3

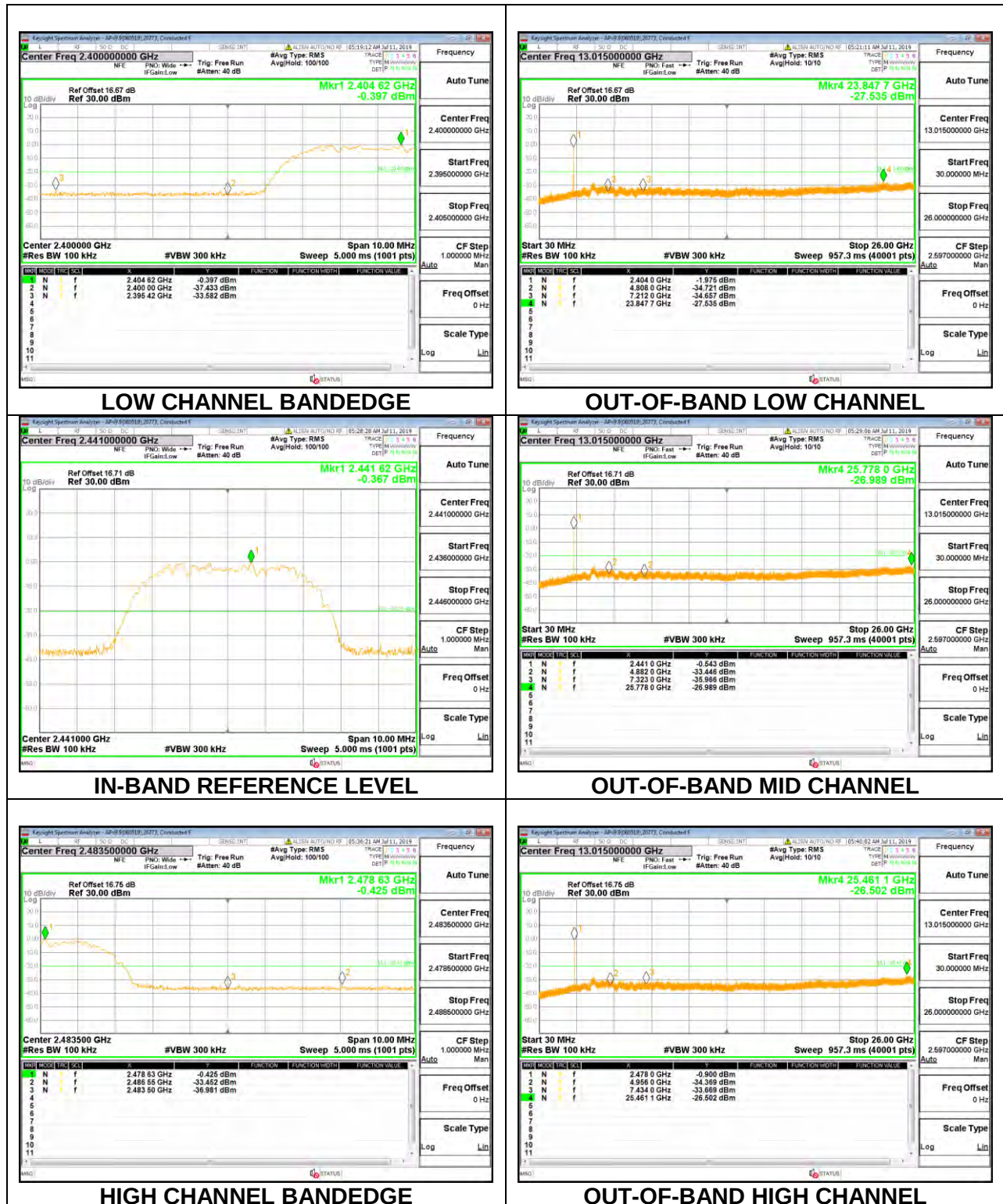


8.14.4. LOW POWER HDR (HDR8)

Antenna 4



Antenna 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.

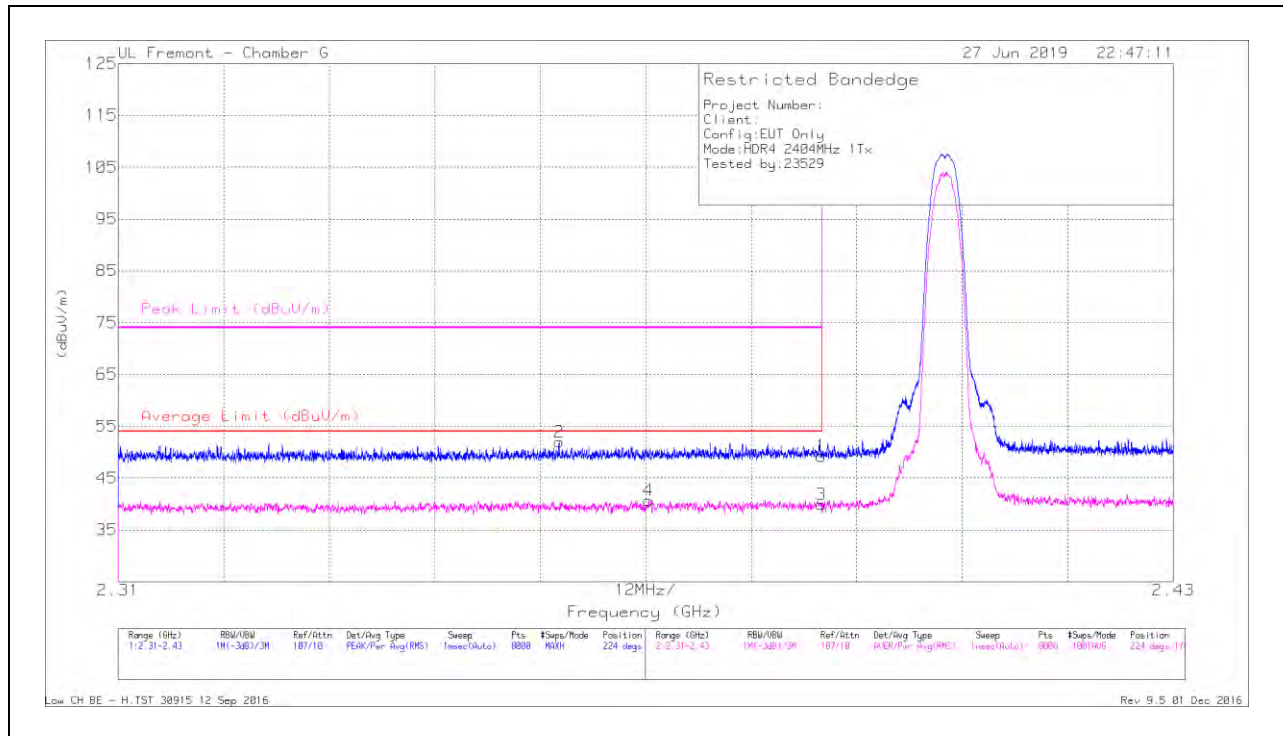
9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. HIGH POWER HDR (HDR4)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT120 (dB/m)	Amp/Cb/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	* 2.39	39.55	Pk	31.9	-22.2	49.25	-	-	74	-24.75	224	170	H
2	* 2.36	42.45	Pk	31.7	-22.2	51.95	-	-	74	-22.05	224	170	H
3	* 2.39	30.21	RMS	31.9	-22.2	39.91	54	-14.09	-	-	224	170	H
4	* 2.37	31.08	RMS	31.8	-22.2	40.68	54	-13.32	-	-	224	170	H

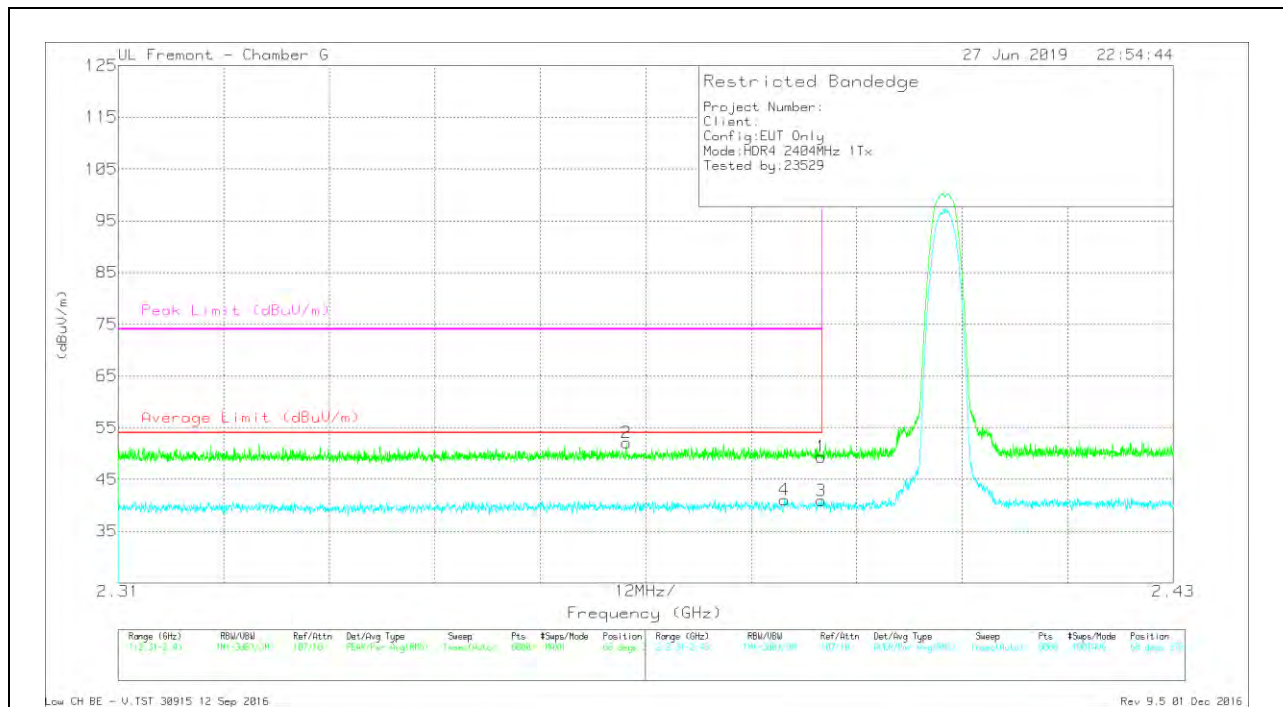
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 T120 (dB/m)	Amp/Cb/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	39.69	Pk	31.9	-22.2	49.39	-	-	74	-24.61	68	378	V
2	* 2.368	42.49	Pk	31.8	-22.2	52.09	-	-	74	-21.91	68	378	V
3	* 2.39	31.19	RMS	31.9	-22.2	40.89	54	-13.11	-	-	68	378	V
4	* 2.386	31.36	RMS	31.9	-22.2	41.06	54	-12.94	-	-	68	378	V

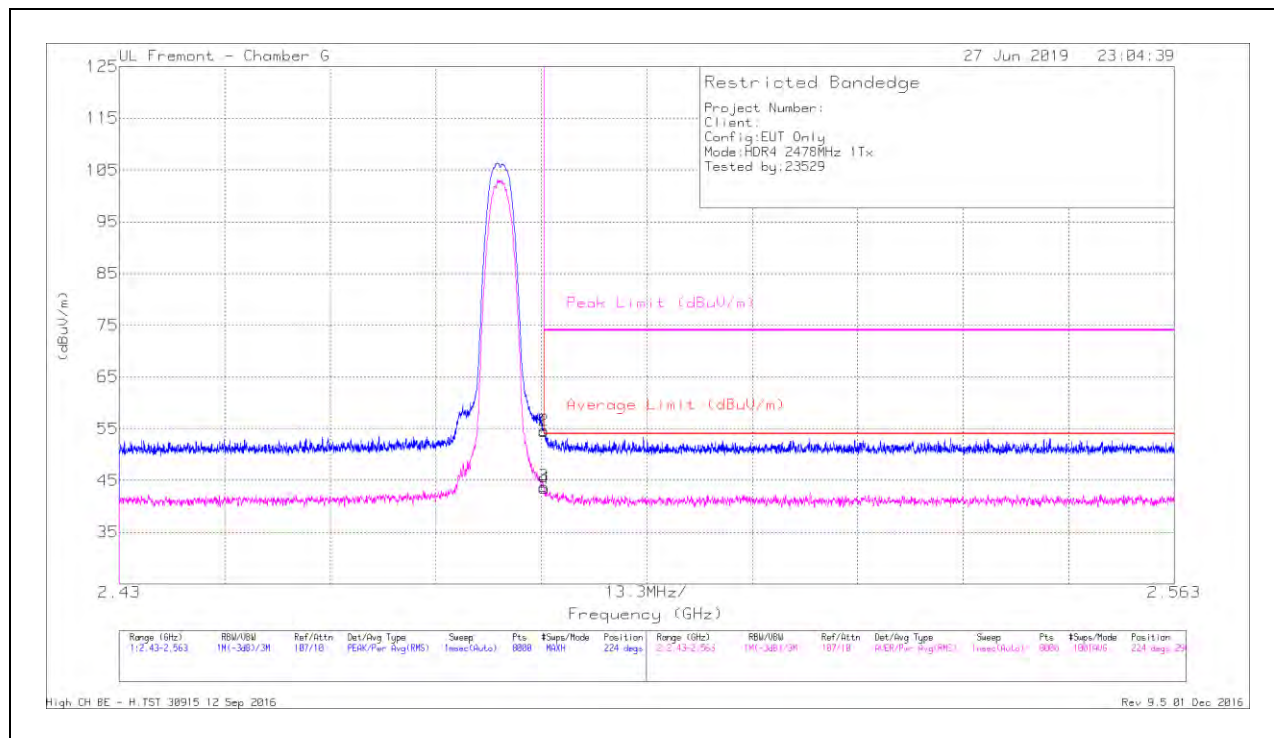
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



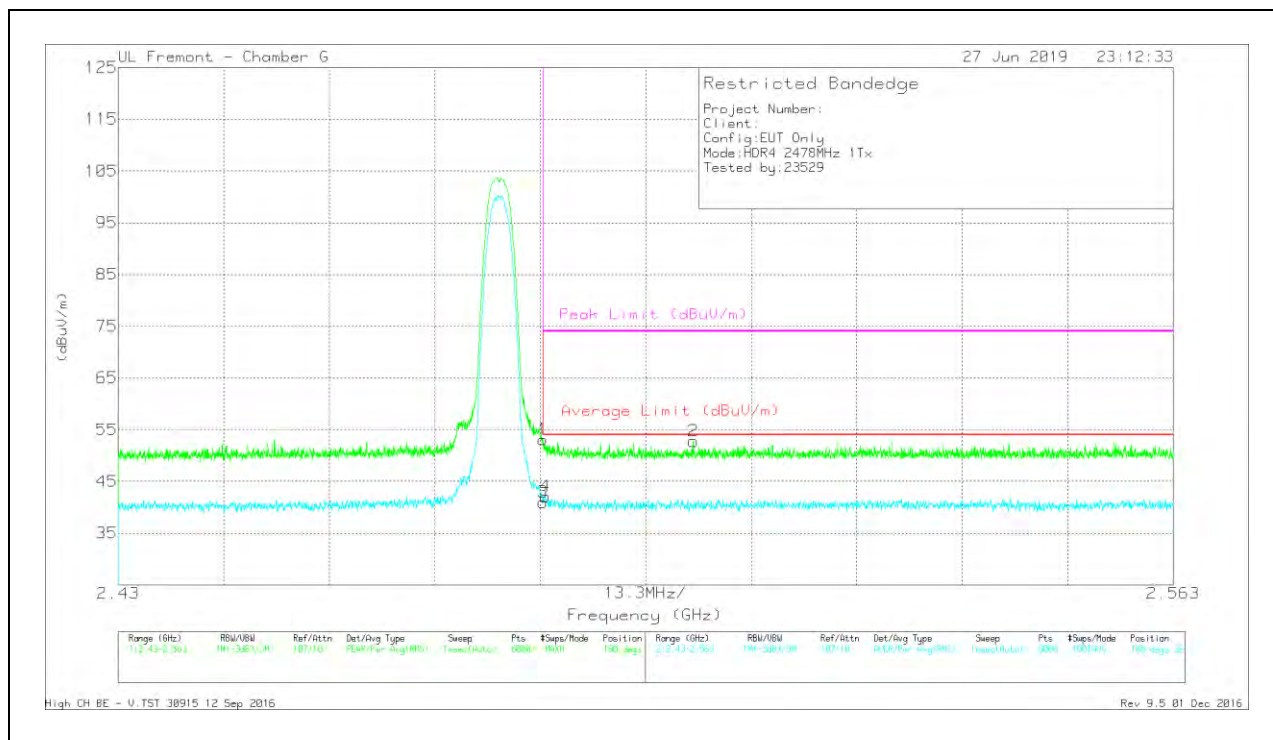
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.17	Pk	32.4	-22.1	54.47	-	-	74	-19.53	224	290	H
2	* 2.484	44.35	Pk	32.4	-22.1	54.65	-	-	74	-19.35	224	290	H
3	* 2.484	33.57	RMS	32.4	-22.1	43.87	54	-10.13	-	-	224	290	H
4	* 2.484	33.16	RMS	32.4	-22.1	43.46	54	-10.54	-	-	224	290	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 T120 (dB/m)	Amp/Cb/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	* 2.484	42.8	Pk	32.4	-22.1	53.1	-	-	74	-20.9	180	364	V
3	* 2.484	30.69	RMS	32.4	-22.1	40.99	54	-13.01	-	-	180	364	V
4	* 2.484	31.78	RMS	32.4	-22.1	42.08	54	-11.92	-	-	180	364	V
2	2.503	42.58	Pk	32.4	-22.2	52.78	-	-	74	-21.22	180	364	V

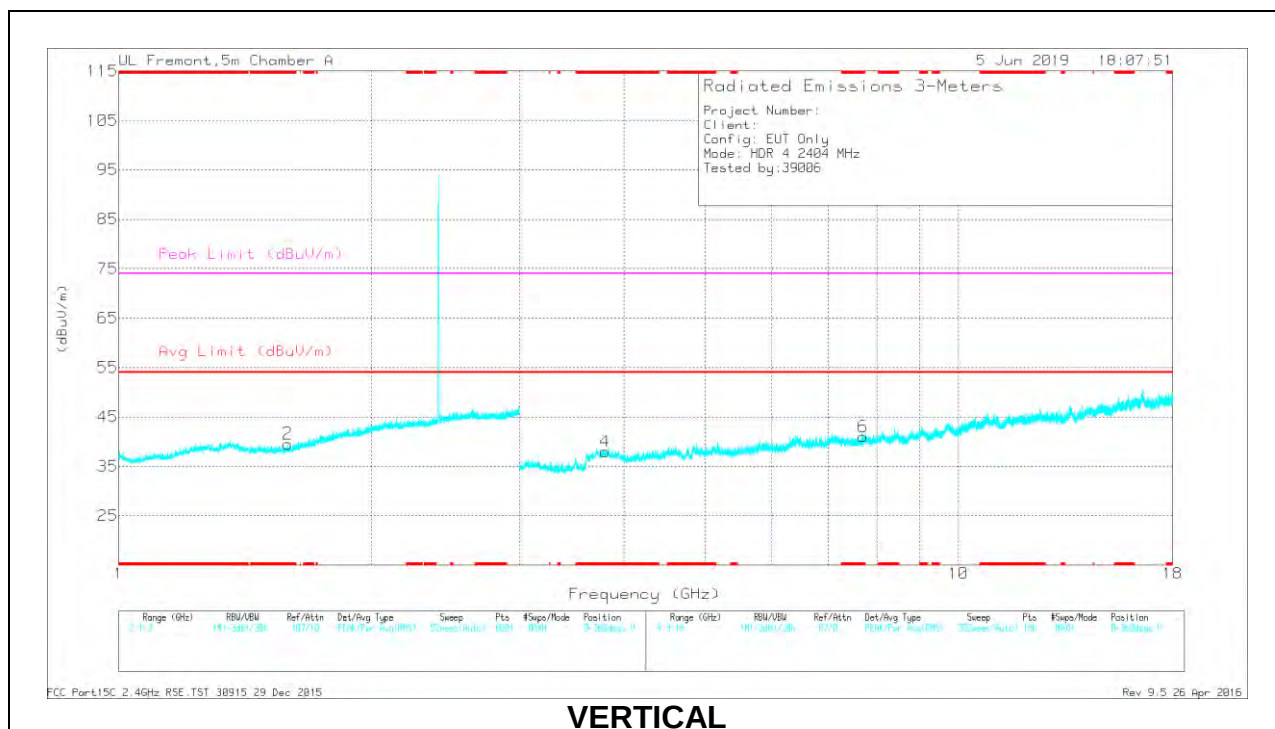
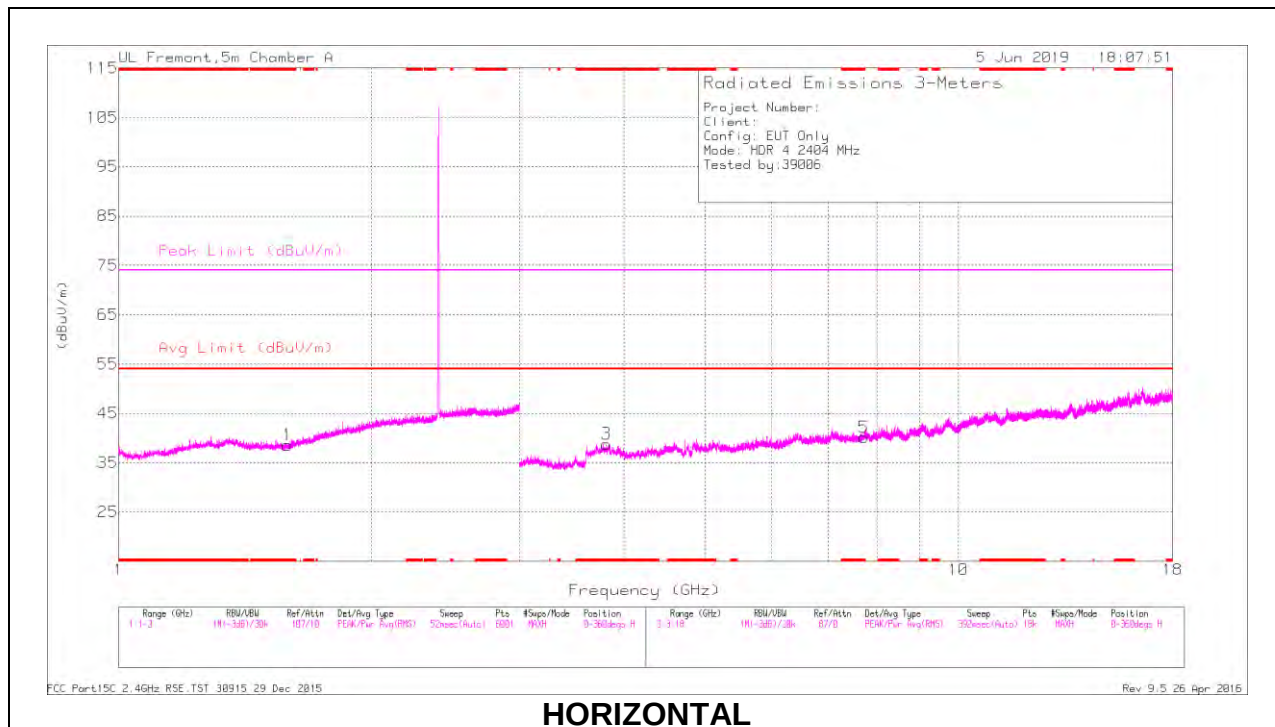
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

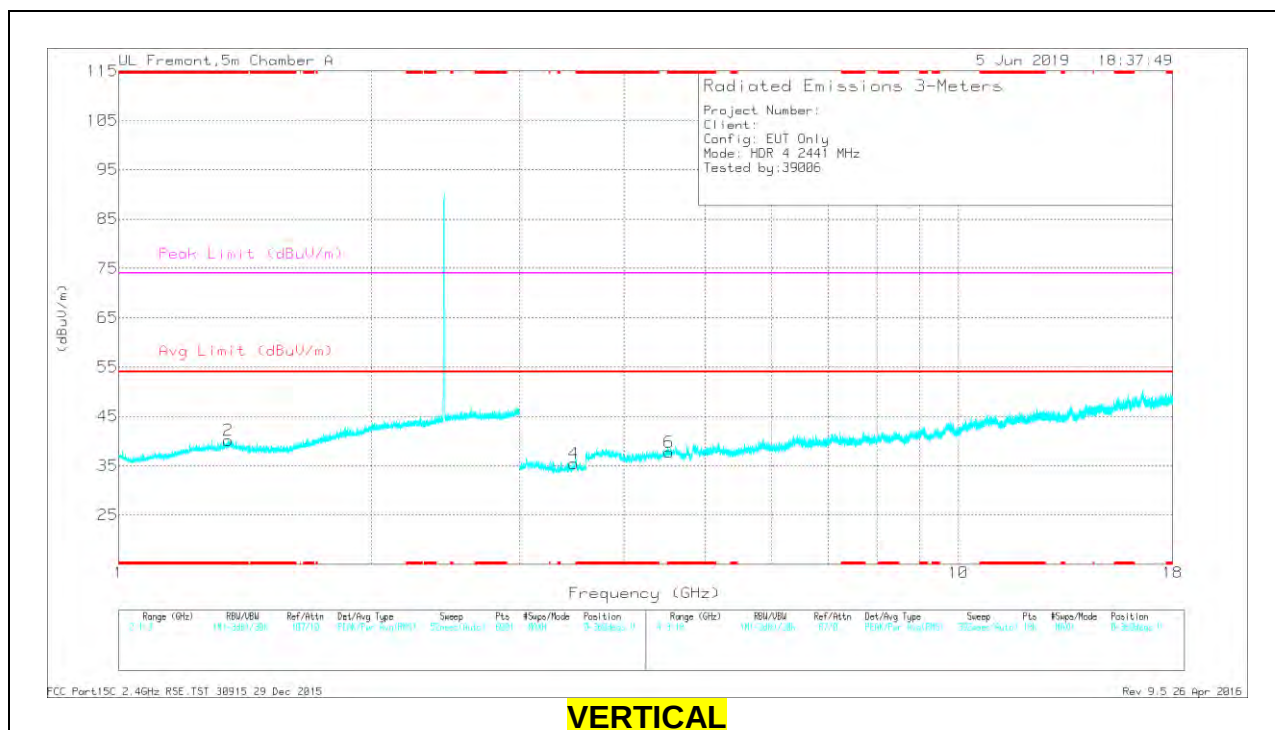
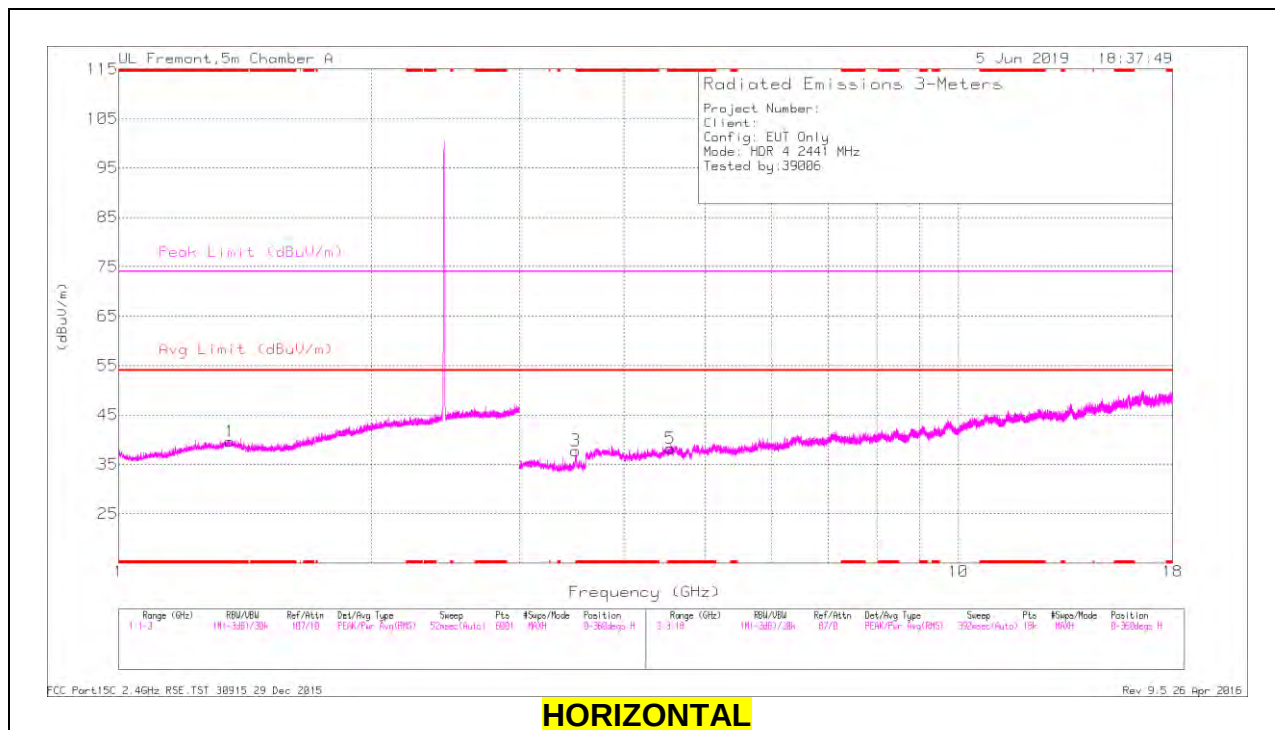
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.587	42.3	PK2	28.1	-24.2	46.2	-	-	74	-27.8	60	150	H
	* 1.59	31.37	MAv1	28.1	-24.2	35.27	54	-18.73	-	-	60	150	H
2	* 1.591	42.5	PK2	28.1	-24.2	46.4	-	-	74	-27.6	40	110	V
	* 1.592	31.55	MAv1	28.1	-24.3	35.35	54	-18.65	-	-	40	110	V
3	* 3.807	39.58	PK2	33.7	-29.1	44.18	-	-	74	-29.82	80	150	H
	* 3.809	29.91	MAv1	33.7	-29.1	34.51	54	-19.49	-	-	80	150	H
5	* 7.72	35.12	PK2	35.9	-23.6	47.42	-	-	74	-26.58	90	120	H
	* 7.719	25.21	MAv1	35.9	-23.6	37.51	54	-16.49	-	-	90	120	H
4	* 3.795	40.17	PK2	33.7	-29.2	44.67	-	-	74	-29.33	83	140	V
	* 3.794	29.72	MAv1	33.7	-29.2	34.22	54	-19.78	-	-	83	140	V
6	* 7.71	35.49	PK2	35.8	-23.6	47.69	-	-	74	-26.31	35	150	V
	* 7.707	25.77	MAv1	35.8	-23.7	37.87	54	-16.13	-	-	35	150	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 (fund is same as low power)



RADIATED EMISSIONS

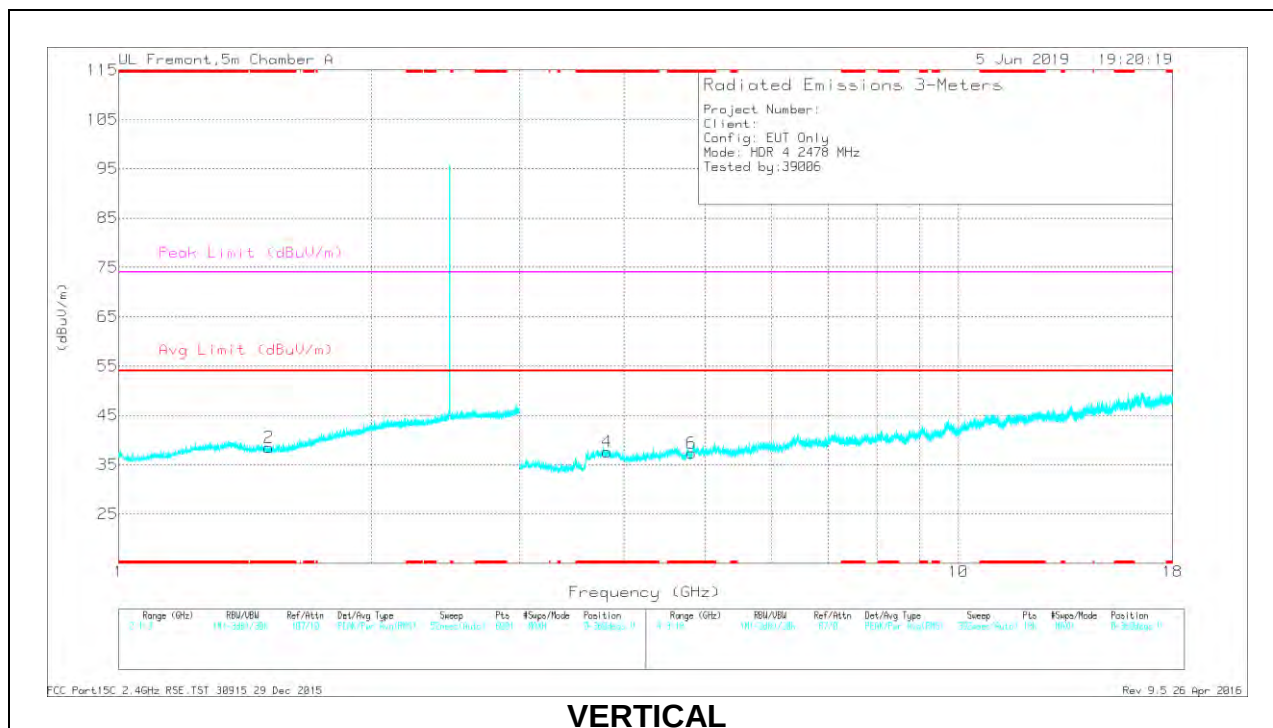
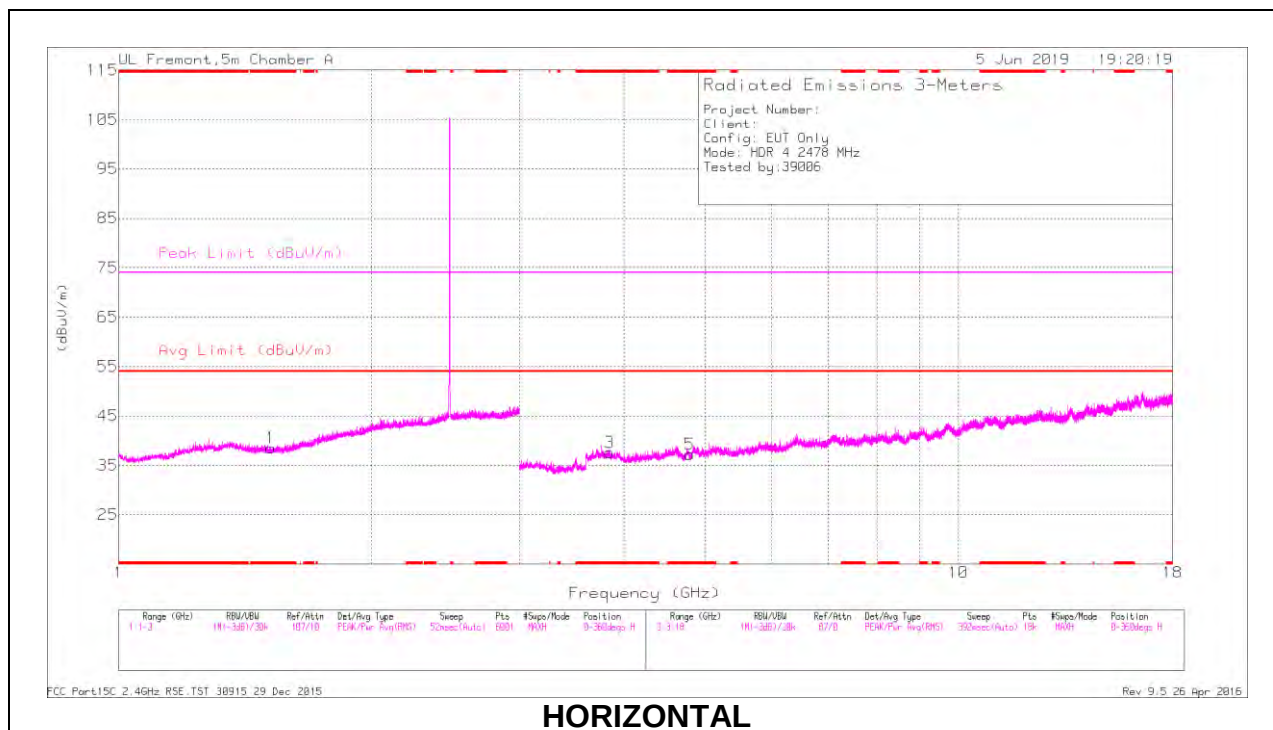
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.355	42.84	PK2	29.6	-25	47.44	-	-	74	-26.56	60	150	H
	* 1.355	31.49	MAv1	29.6	-25	36.09	54	-17.91	-	-	60	150	H
2	* 1.35	42.22	PK2	29.5	-25	46.72	-	-	74	-27.28	40	130	V
	* 1.352	31.46	MAv1	29.6	-24.9	36.16	54	-17.84	-	-	40	130	V
3	* 3.506	38.56	PK2	34.1	-28.9	43.76	-	-	74	-30.24	70	125	H
	* 3.507	27.85	MAv1	34	-29	32.85	54	-21.15	-	-	70	125	H
5	* 4.542	38.25	PK2	34.3	-27.5	45.05	-	-	74	-28.95	80	160	H
	* 4.542	28.52	MAv1	34.3	-27.5	35.32	54	-18.68	-	-	80	160	H
6	* 4.521	38.09	PK2	34.1	-27.8	44.39	-	-	74	-29.61	50	145	V
	* 4.522	28.42	MAv1	34.2	-27.8	34.82	54	-19.18	-	-	50	145	V
4	3.487	27.88	MAv1	33	-28.8	32.08	-	-	-	-	90	110	V
	3.488	38.63	PK2	33	-28.8	42.83	-	-	-	-	90	110	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

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 1.518	42.39	PK2	28.2	-24.5	46.09	-	-	74	-27.91	40	140	H
	* 1.519	31.24	MAv1	28.2	-24.5	34.94	54	-19.06	-	-	40	140	H
2	* 1.509	41.65	PK2	28.2	-24.5	45.35	-	-	74	-28.65	80	120	V
	* 1.511	31.5	MAv1	28.1	-24.5	35.1	54	-18.9	-	-	80	120	V
3	* 3.839	39.83	PK2	33.7	-29	44.53	-	-	74	-29.47	70	150	H
	* 3.843	29.6	MAv1	33.7	-29.1	34.2	54	-19.8	-	-	70	150	H
5	* 4.784	37.5	PK2	34.3	-28	43.8	-	-	74	-30.2	60	180	H
	* 4.783	27.65	MAv1	34.2	-28	33.85	54	-20.15	-	-	60	180	H
4	* 3.818	40.06	PK2	33.7	-29.2	44.56	-	-	74	-29.44	50	155	V
	* 3.815	30.01	MAv1	33.7	-29.1	34.61	54	-19.39	-	-	50	155	V
6	* 4.813	38.13	PK2	34.3	-27	45.43	-	-	74	-28.57	30	135	V
	* 4.816	27.63	MAv1	34.3	-26.9	35.03	54	-18.97	-	-	30	135	V

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

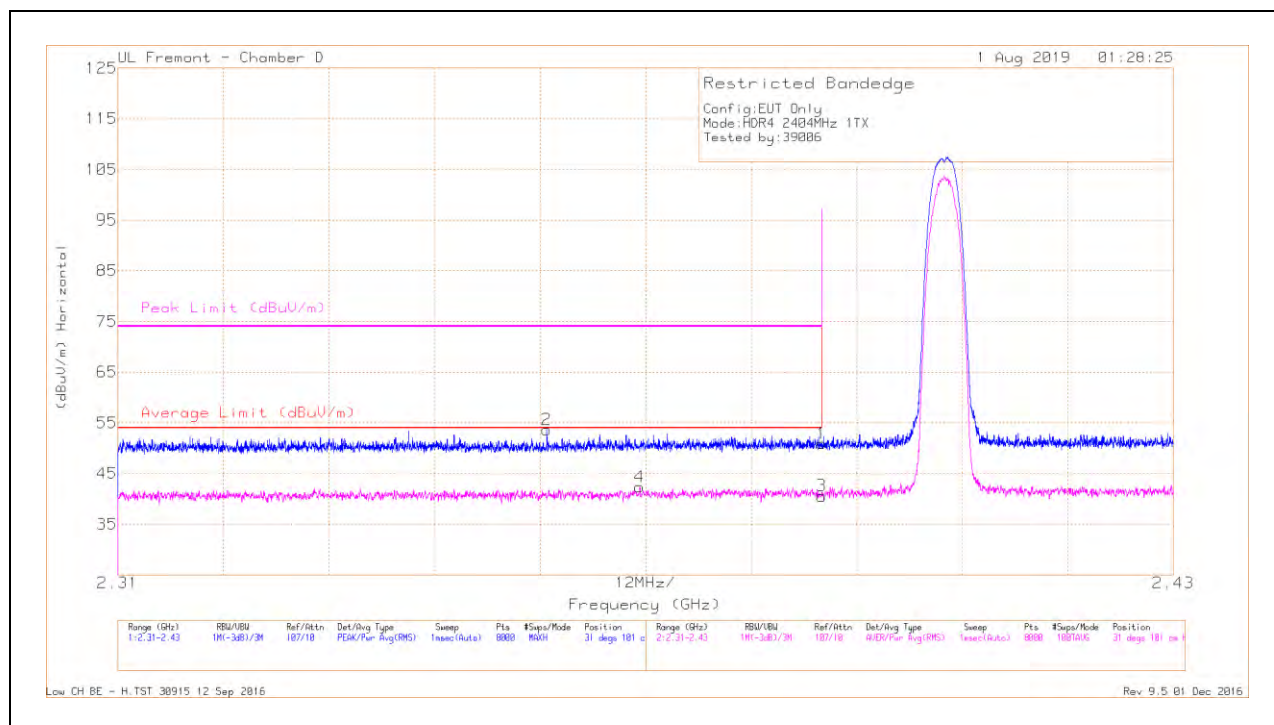
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



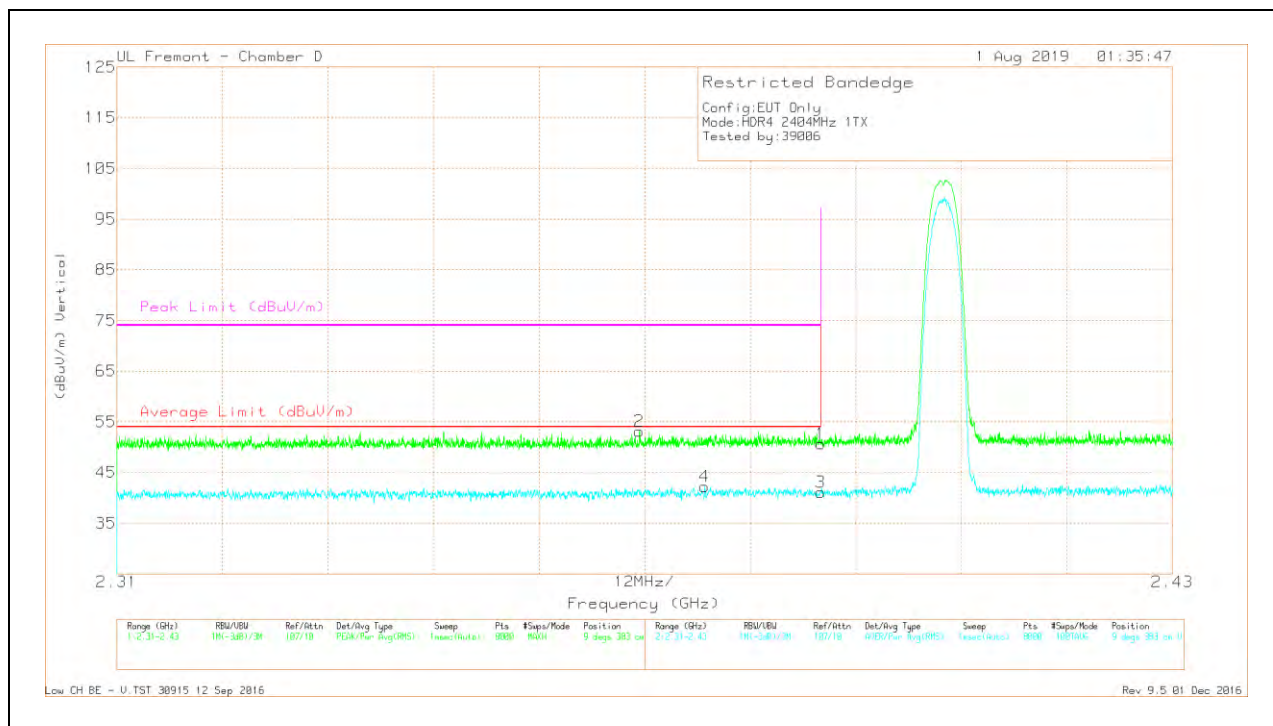
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.359	42.62	PK	31.7	-20.7	53.62	-	-	74	-20.38	31	101	H
4	* 2.369	31.26	RMS	31.8	-20.7	42.36	54	-11.64	-	-	31	101	H
1	* 2.39	39.52	PK	32	-20.6	50.92	-	-	74	-23.08	31	101	H
3	* 2.39	29.15	RMS	32	-20.6	40.55	54	-13.45	-	-	31	101	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 T712 (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	39.27	Pk	32	-20.6	50.67	-	-	74	-23.33	9	383	V
2	* 2.369	42.1	Pk	31.8	-20.7	53.2	-	-	74	-20.8	9	383	V
3	* 2.39	29.67	RMS	32	-20.6	41.07	54	-12.93	-	-	9	383	V
4	* 2.377	30.87	RMS	31.9	-20.6	42.17	54	-11.83	-	-	9	383	V

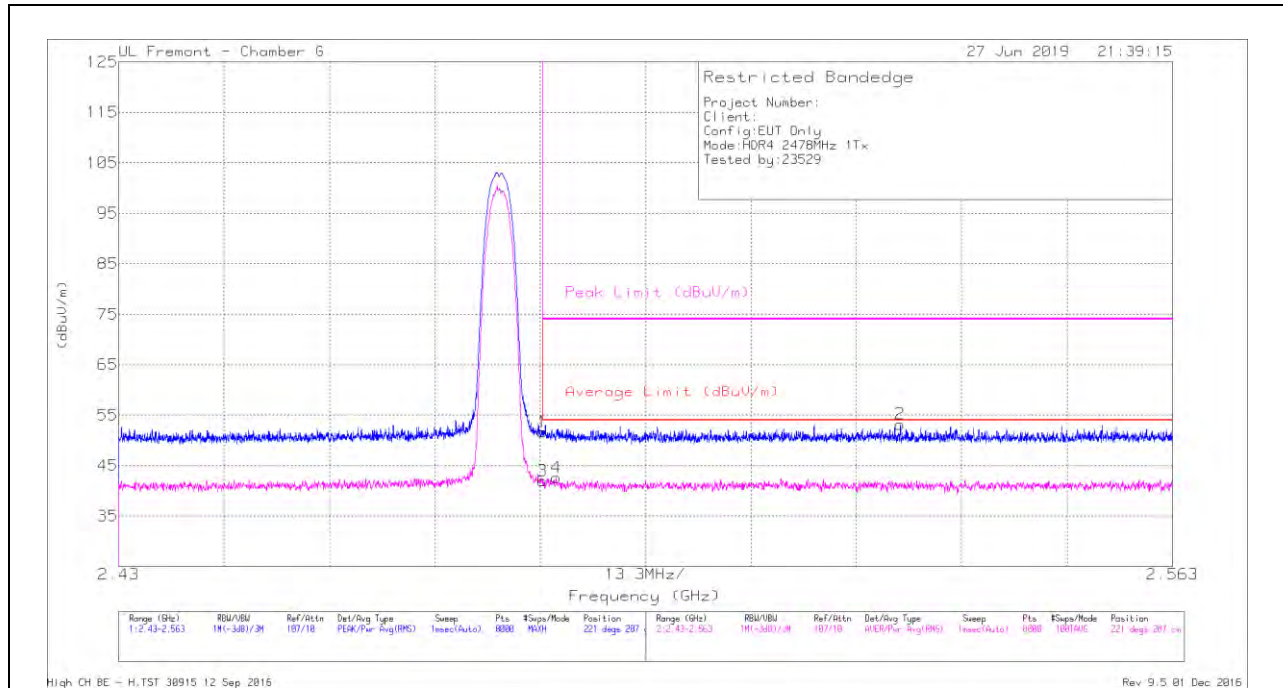
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



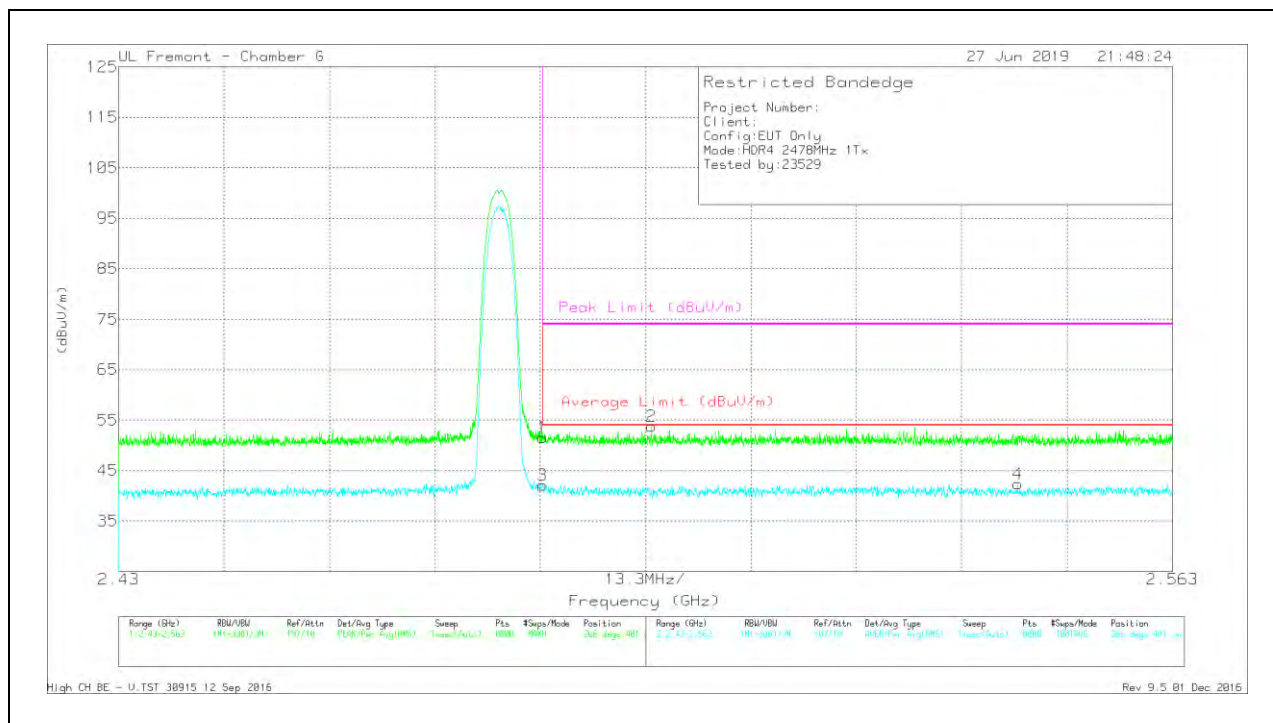
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.34	Pk	32.4	-22.1	51.64	-	-	74	-22.36	221	287	H
3	* 2.484	31.64	RMS	32.4	-22.1	41.94	54	-12.06	-	-	221	287	H
4	* 2.485	32.35	RMS	32.4	-22.2	42.55	54	-11.45	-	-	221	287	H
2	2.529	43.01	Pk	32.4	-22.2	53.21	-	-	74	-20.79	221	287	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 T120 (dB/m)	Amp/Cb/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	* 2.484	41.24	Pk	32.4	-22.1	51.54	-	-	74	-22.46	266	401	V
2	* 2.497	43.56	Pk	32.4	-22.2	53.76	-	-	74	-20.24	266	401	V
3	* 2.484	31.76	RMS	32.4	-22.1	42.06	54	-11.94	-	-	266	401	V
4	2.543	32.12	RMS	32.4	-22.2	42.32	54	-11.68	-	-	266	401	V

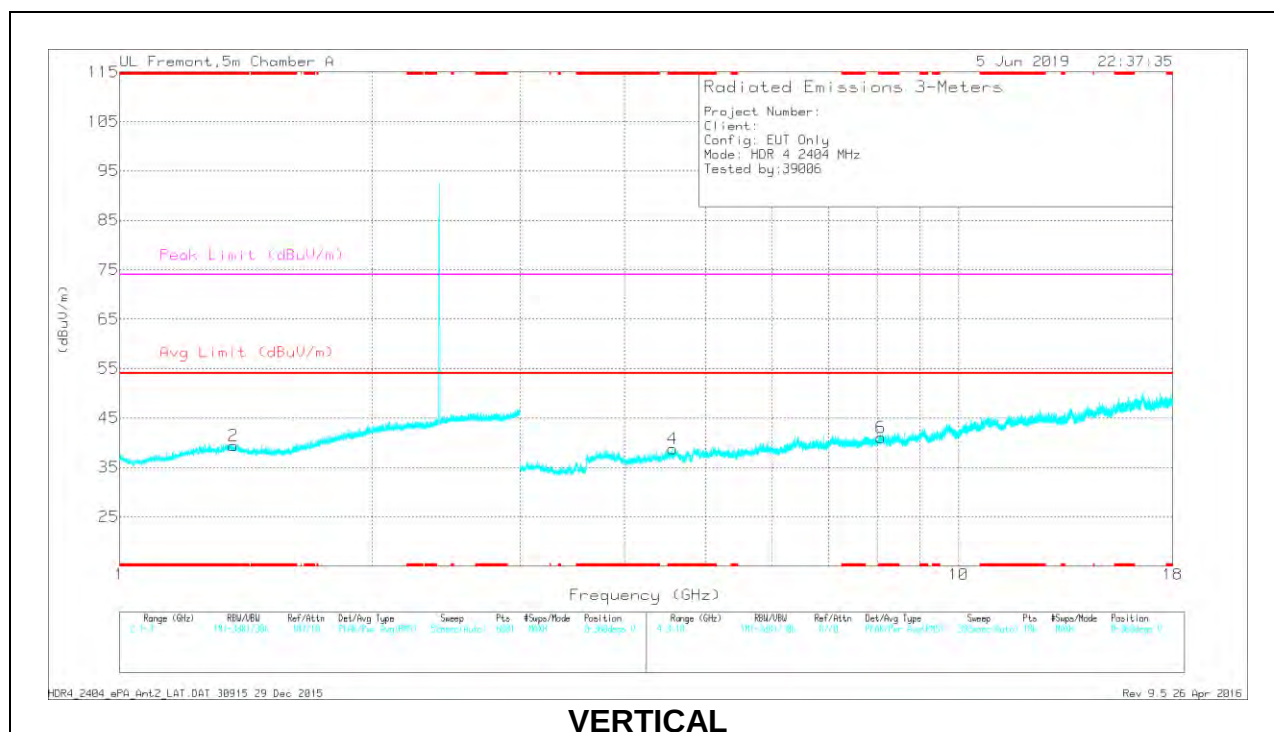
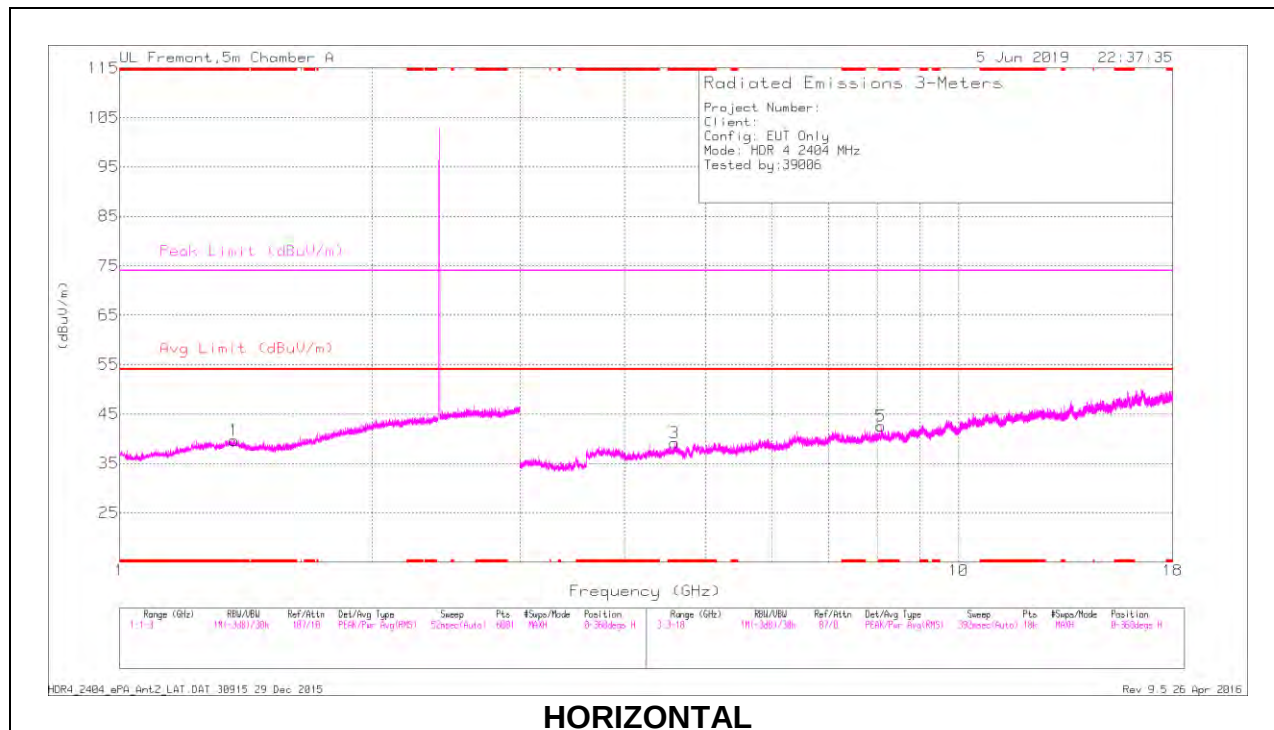
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

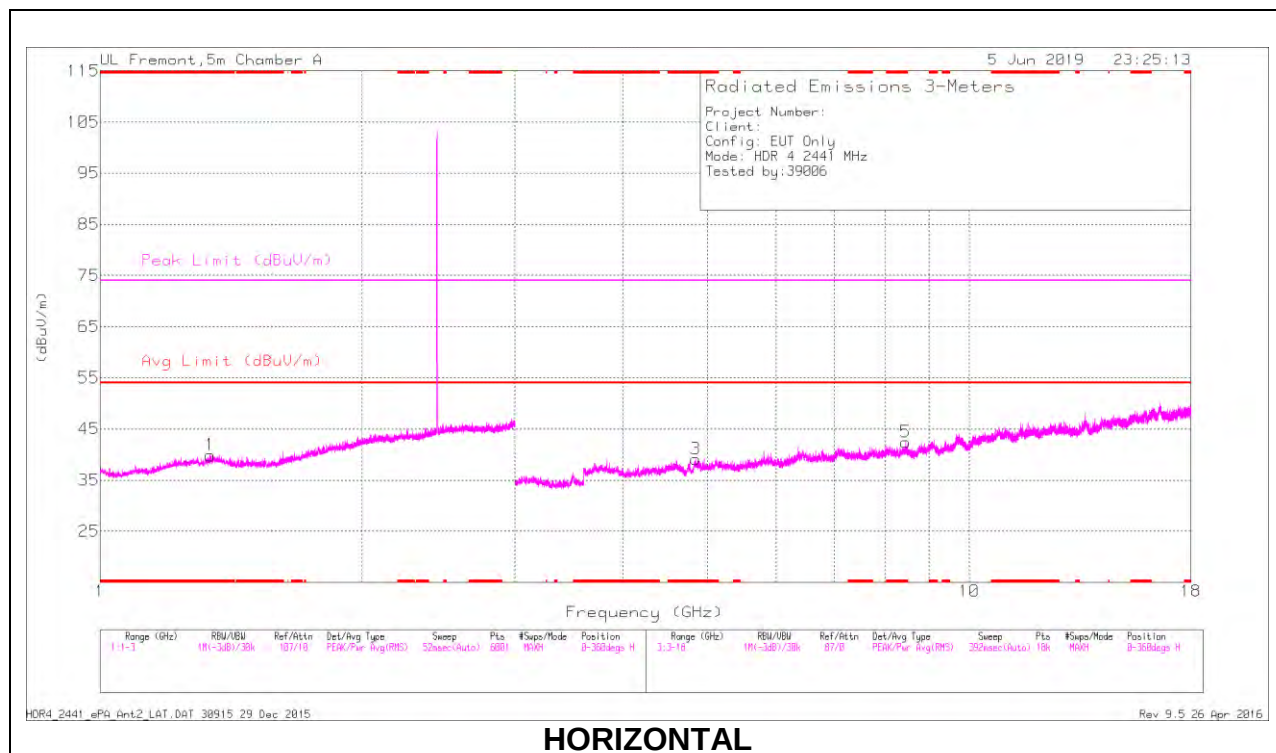
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.368	42.3	PK2	29.6	-25	46.9	-	-	74	-27.1	45	150	H
	* 1.367	31.27	MAv1	29.6	-25	35.87	54	-18.13	-	-	45	150	H
2	* 1.367	42.08	PK2	29.6	-25	46.68	-	-	74	-27.32	61	135	V
	* 1.366	31.39	MAv1	29.6	-25	35.99	54	-18.01	-	-	61	135	V
3	* 4.585	38.95	PK2	34.3	-27.8	45.45	-	-	74	-28.55	88	165	H
	* 4.587	28.41	MAv1	34.3	-27.8	34.91	54	-19.09	-	-	88	165	H
5	* 8.085	35.34	PK2	35.8	-22.9	48.24	-	-	74	-25.76	98	153	H
	* 8.089	25.02	MAv1	35.8	-23	37.82	54	-16.18	-	-	98	153	H
4	* 4.561	38.81	PK2	34.3	-28.1	45.01	-	-	74	-28.99	65	120	V
	* 4.56	28.95	MAv1	34.3	-28.2	35.05	54	-18.95	-	-	65	120	V
6	* 8.088	35.19	PK2	35.8	-22.9	48.09	-	-	74	-25.91	54	150	V
	* 8.085	25.01	MAv1	35.8	-22.9	37.91	54	-16.09	-	-	54	150	V

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

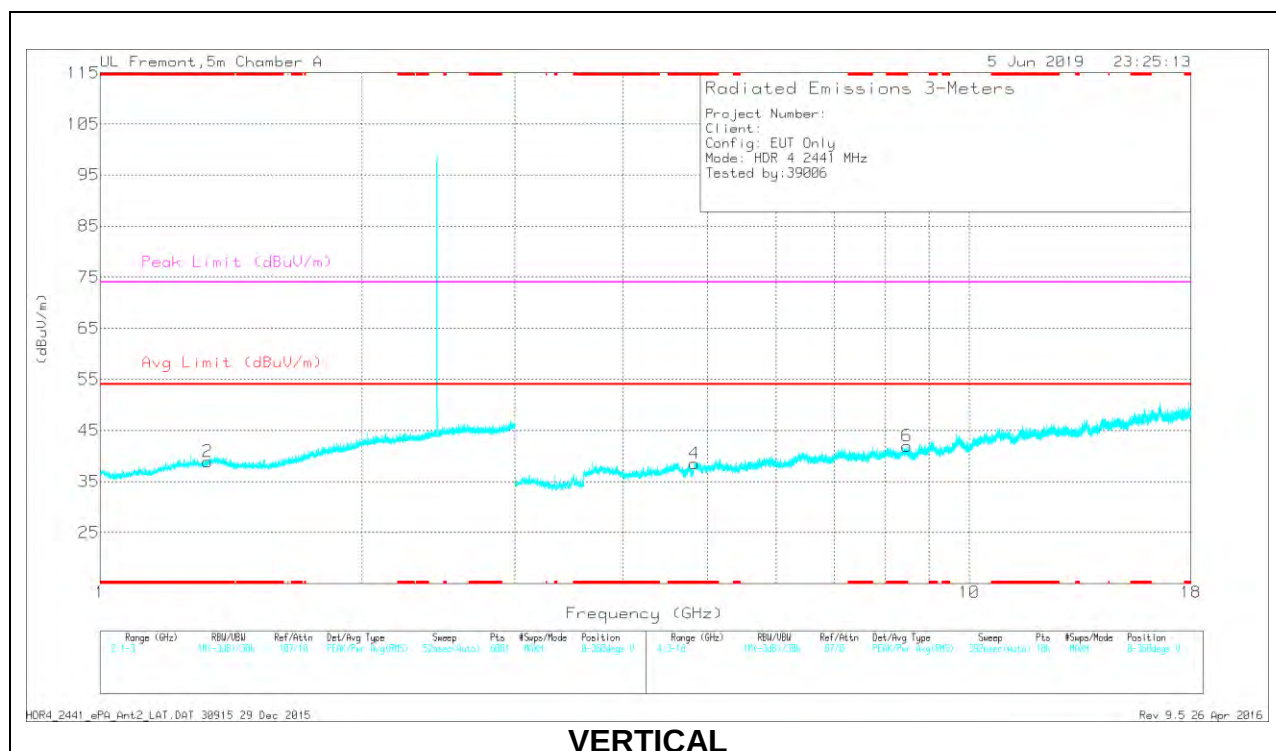
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 1.338	42.41	PK2	29.3	-25	46.71	-	-	74	-27.29	55	150	H
	* 1.341	31.37	MAv1	29.3	-25	35.67	54	-18.33	-	-	55	150	H
2	* 1.329	42.3	PK2	29	-24.9	46.4	-	-	74	-27.6	90	165	V
	* 1.329	31.65	MAv1	29	-24.9	35.75	54	-18.25	-	-	90	165	V
3	* 4.841	38.57	PK2	34.3	-26.9	45.97	-	-	74	-28.03	43	135	H
	* 4.842	28.37	MAv1	34.3	-27	35.67	54	-18.33	-	-	43	135	H
5	* 8.458	35.16	PK2	35.9	-22.7	48.36	-	-	74	-25.64	73	125	H
	* 8.456	25.03	MAv1	35.9	-22.7	38.23	54	-15.77	-	-	73	125	H
4	* 4.829	38.26	PK2	34.3	-26.7	45.86	-	-	74	-28.14	110	180	V
	* 4.83	28.39	MAv1	34.3	-26.7	35.99	54	-18.01	-	-	110	180	V
6	* 8.478	35.17	PK2	35.9	-22.3	48.77	-	-	74	-25.23	105	173	V
	* 8.479	24.8	MAv1	35.9	-22.4	38.3	54	-15.7	-	-	105	173	V

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

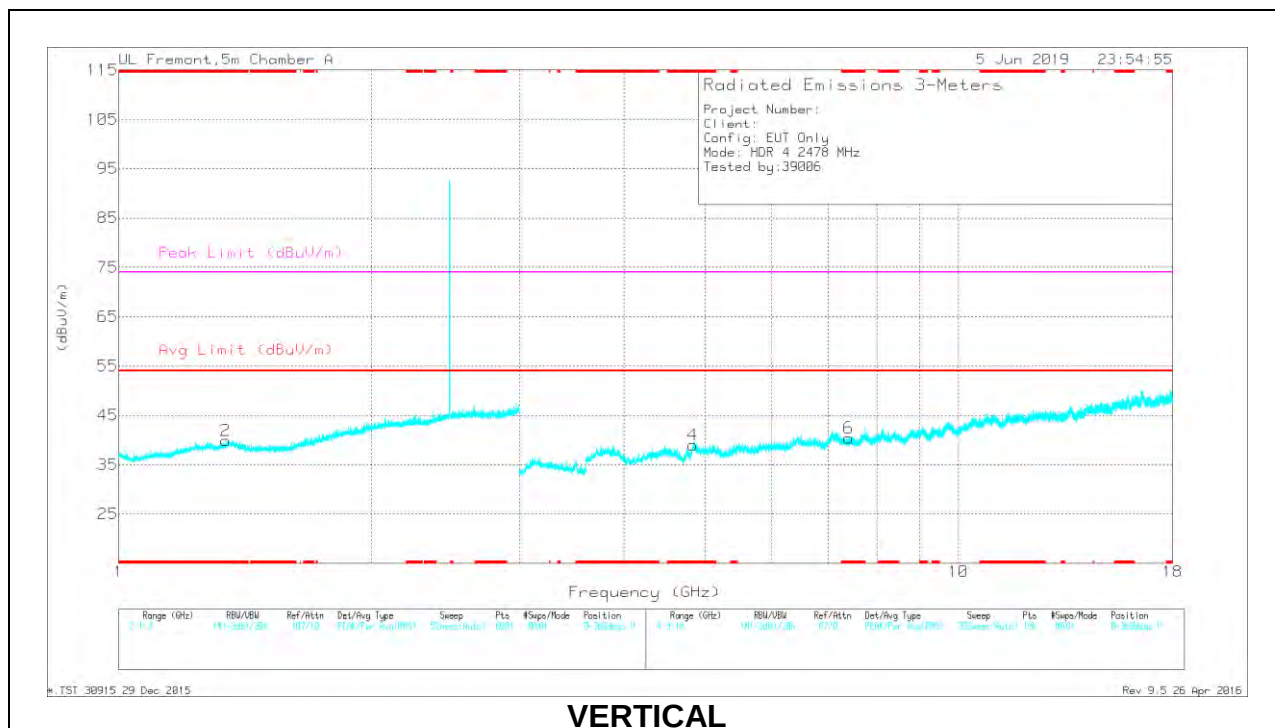
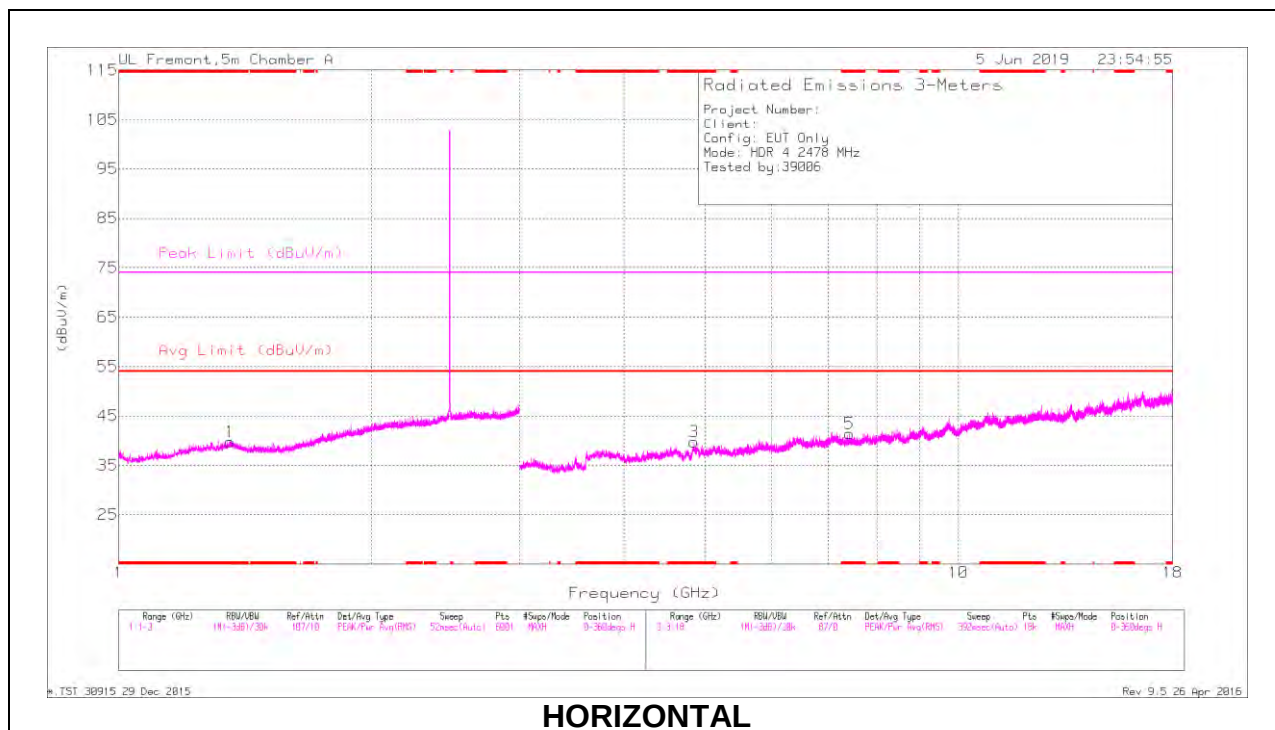
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

*.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	42.13	PK2	29.6	-25	46.73	-	-	74	-27.27	35	140	H
	* 1.359	31.64	MAv1	29.5	-25	36.14	54	-17.86	-	-	35	140	H
2	* 1.342	43.01	PK2	29.3	-25	47.31	-	-	74	-26.69	75	150	V
	* 1.341	31.61	MAv1	29.3	-25	35.91	54	-18.09	-	-	75	150	V
3	* 4.849	38.16	PK2	34.2	-27.1	45.26	-	-	74	-28.74	91	126	H
	* 4.85	28.36	MAv1	34.2	-27.1	35.46	54	-18.54	-	-	91	126	H
5	* 7.421	34.92	PK2	35.8	-23.2	47.52	-	-	74	-26.48	34	102	H
	* 7.42	24.71	MAv1	35.8	-23.2	37.31	54	-16.69	-	-	34	102	H
4	* 4.829	38.91	PK2	34.3	-26.7	46.51	-	-	74	-27.49	55	142	V
	* 4.832	28.19	MAv1	34.3	-26.8	35.69	54	-18.31	-	-	55	142	V
6	* 7.409	34.52	PK2	35.7	-23.4	46.82	-	-	74	-27.18	65	180	V
	* 7.409	24.77	MAv1	35.7	-23.4	37.07	54	-16.93	-	-	65	180	V

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

PK2 - KDB558074 Method: Maximum Peak

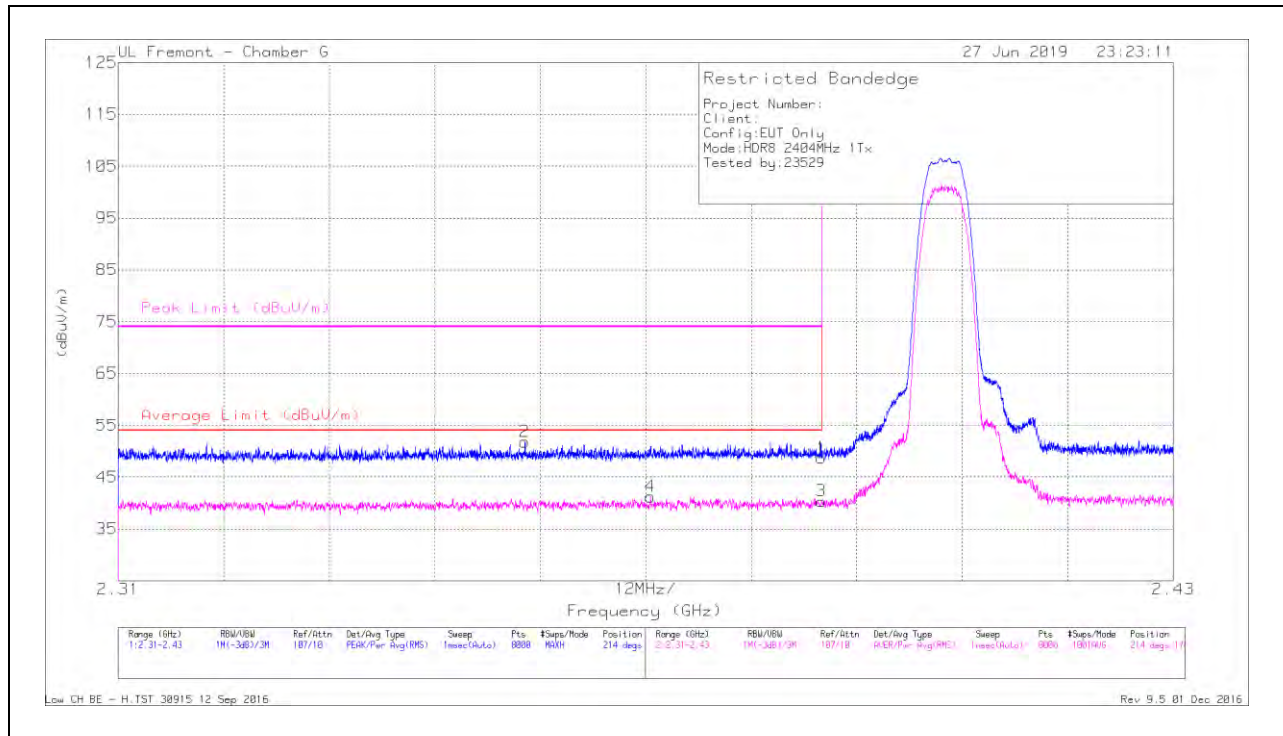
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. HIGH POWER HDR (HDR8)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



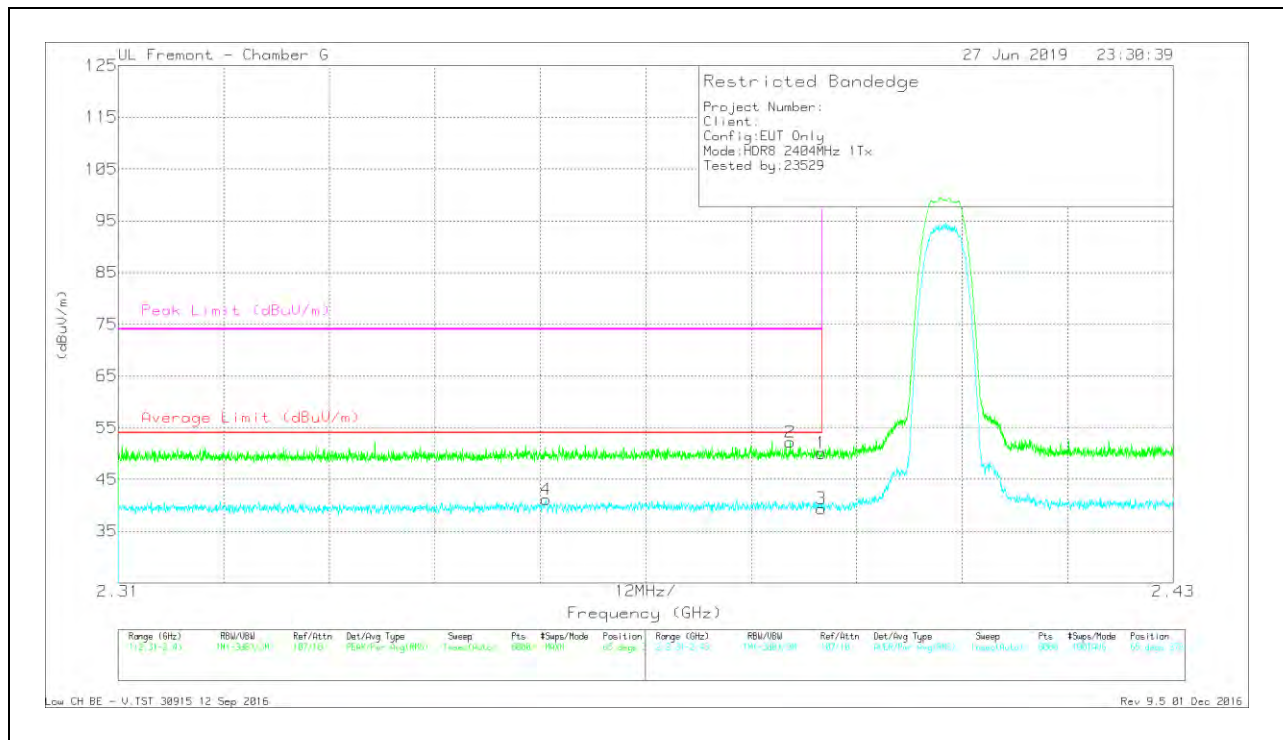
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Flt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.97	Pk	31.9	-22.2	48.67	-	-	74	-25.33	214	170	H
2	* 2.356	42.32	Pk	31.7	-22.2	51.82	-	-	74	-22.18	214	170	H
3	* 2.39	30.66	RMS	31.9	-22.2	40.36	54	-13.64	-	-	214	170	H
4	* 2.371	31.63	RMS	31.8	-22.2	41.23	54	-12.77	-	-	214	170	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

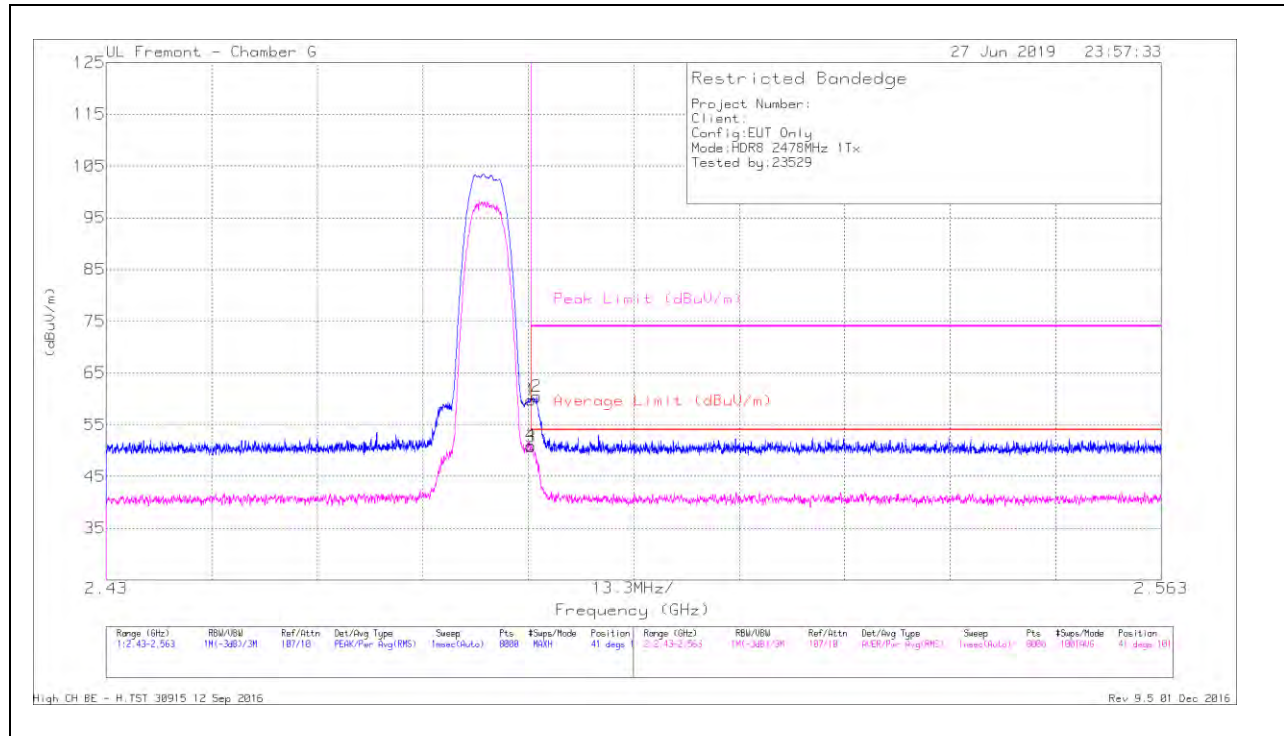


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.42	Pk	31.9	-22.2	50.12	-	-	74	-23.88	65	378	V
2	* 2.386	42.51	Pk	31.9	-22.2	52.21	-	-	74	-21.79	65	378	V
3	* 2.39	29.63	RMS	31.9	-22.2	39.33	54	-14.67	-	-	65	378	V
4	* 2.359	31.64	RMS	31.7	-22.2	41.14	54	-12.86	-	-	65	378	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

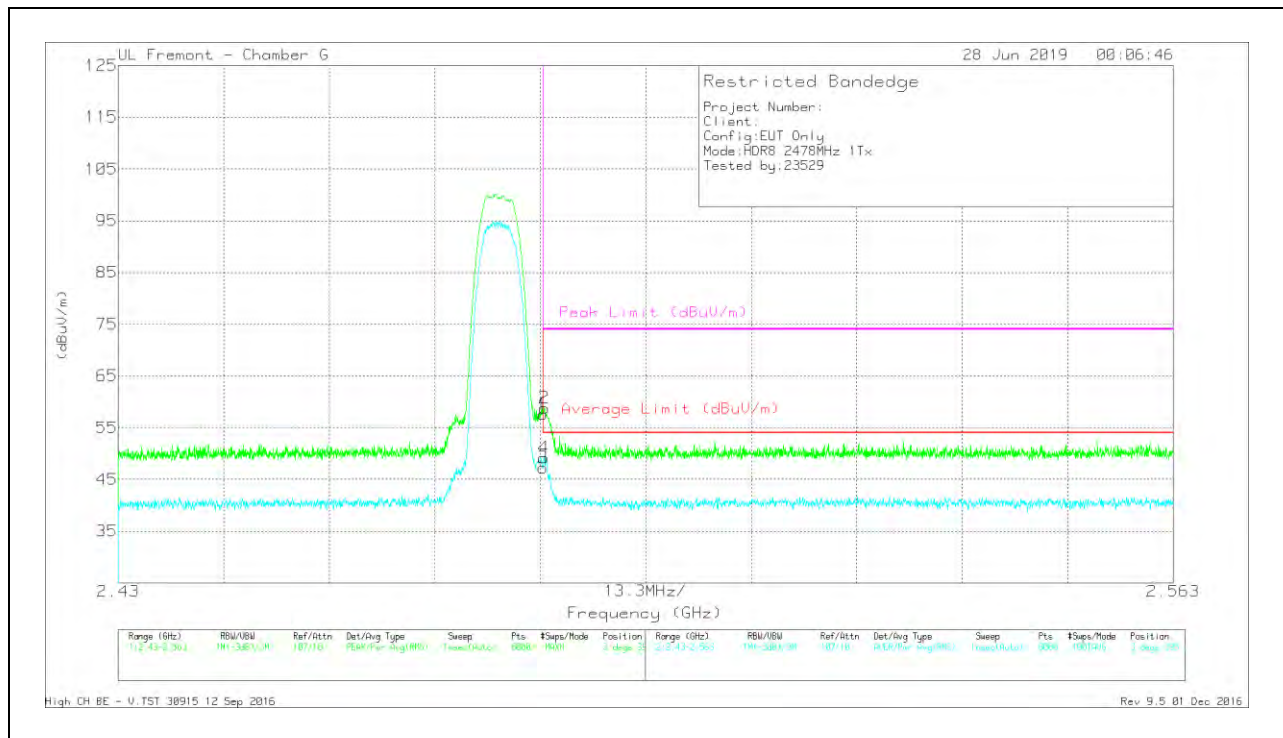
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.45	Pk	32.4	-22.1	59.75	-	-	74	-14.25	41	101	H
2	* 2.484	50.15	Pk	32.4	-22.1	60.45	-	-	74	-13.55	41	101	H
3	* 2.484	40.45	RMS	32.4	-22.1	50.75	54	-3.25	-	-	41	101	H
4	* 2.484	40.68	RMS	32.4	-22.1	50.98	54	-3.02	-	-	41	101	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 T120 (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	* 2.484	47.31	Pk	32.4	-22.1	57.61	-	-	74	-16.39	3	395	V
2	* 2.484	48.53	Pk	32.4	-22.1	58.83	-	-	74	-15.17	3	395	V
3	* 2.484	36.94	RMS	32.4	-22.1	47.24	54	-6.76	-	-	3	395	V
4	* 2.484	38.9	RMS	32.4	-22.1	49.2	54	-4.8	-	-	3	395	V

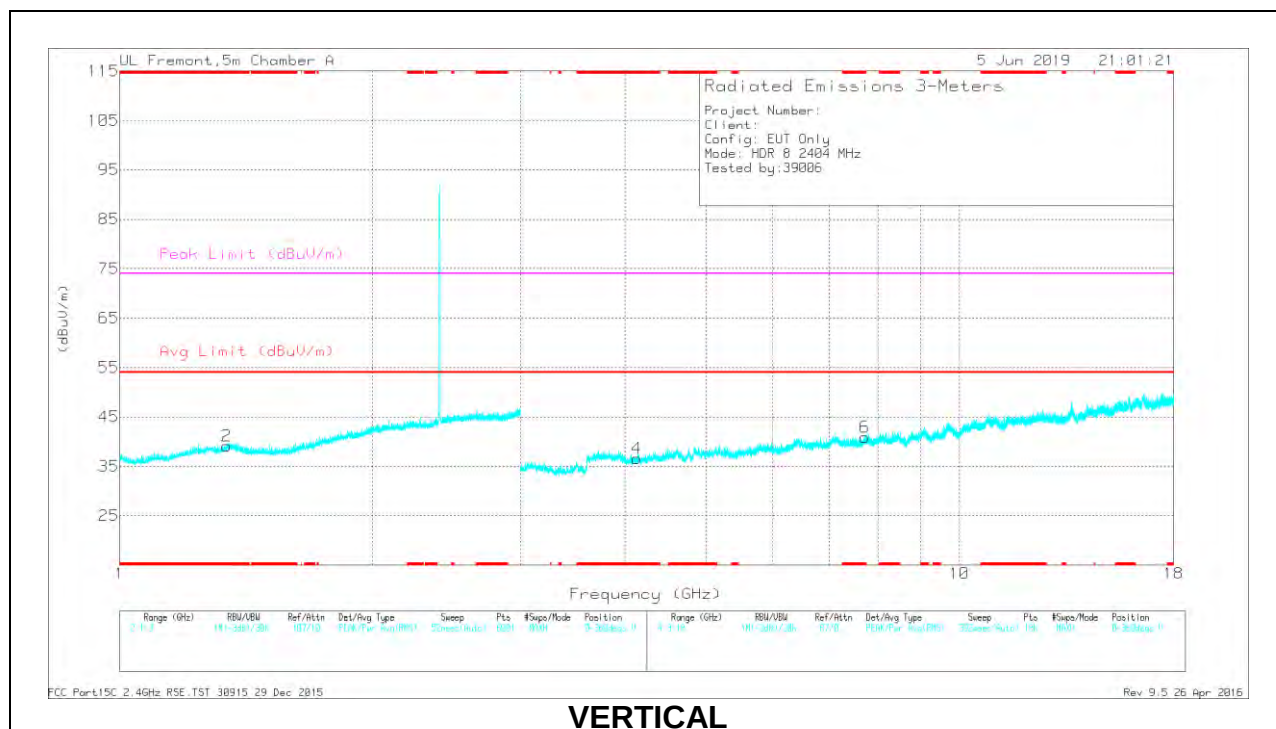
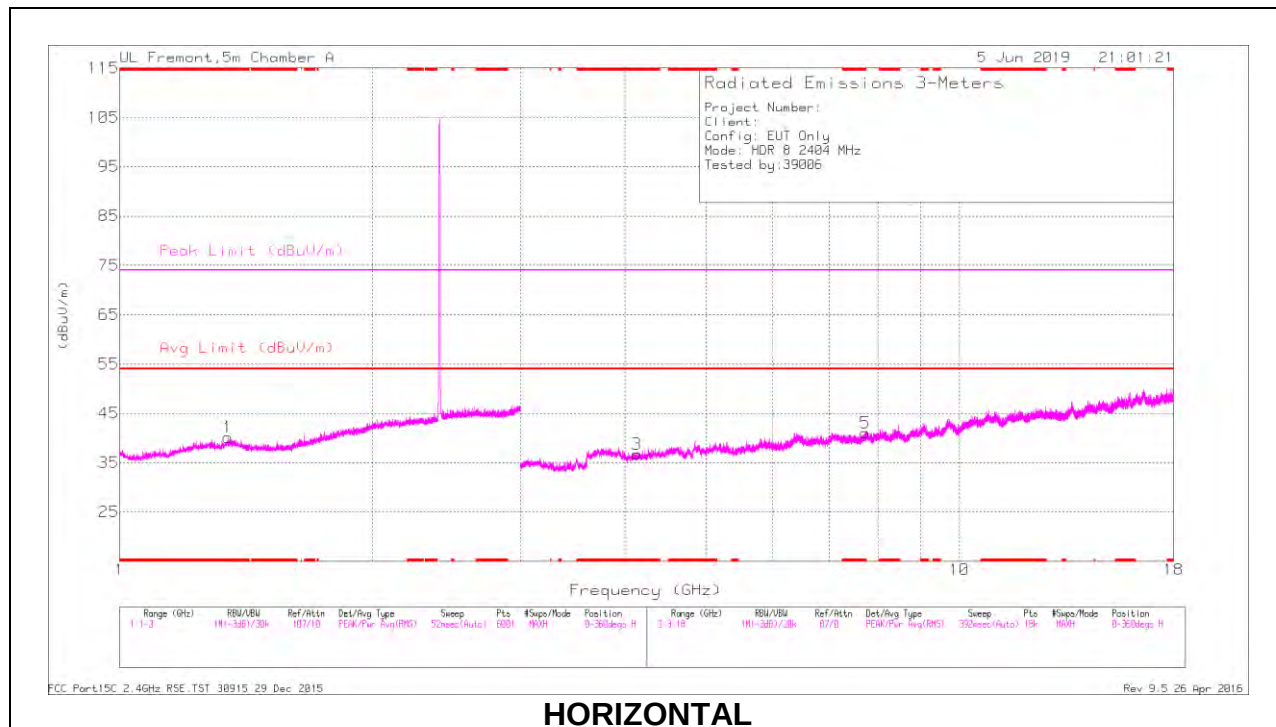
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

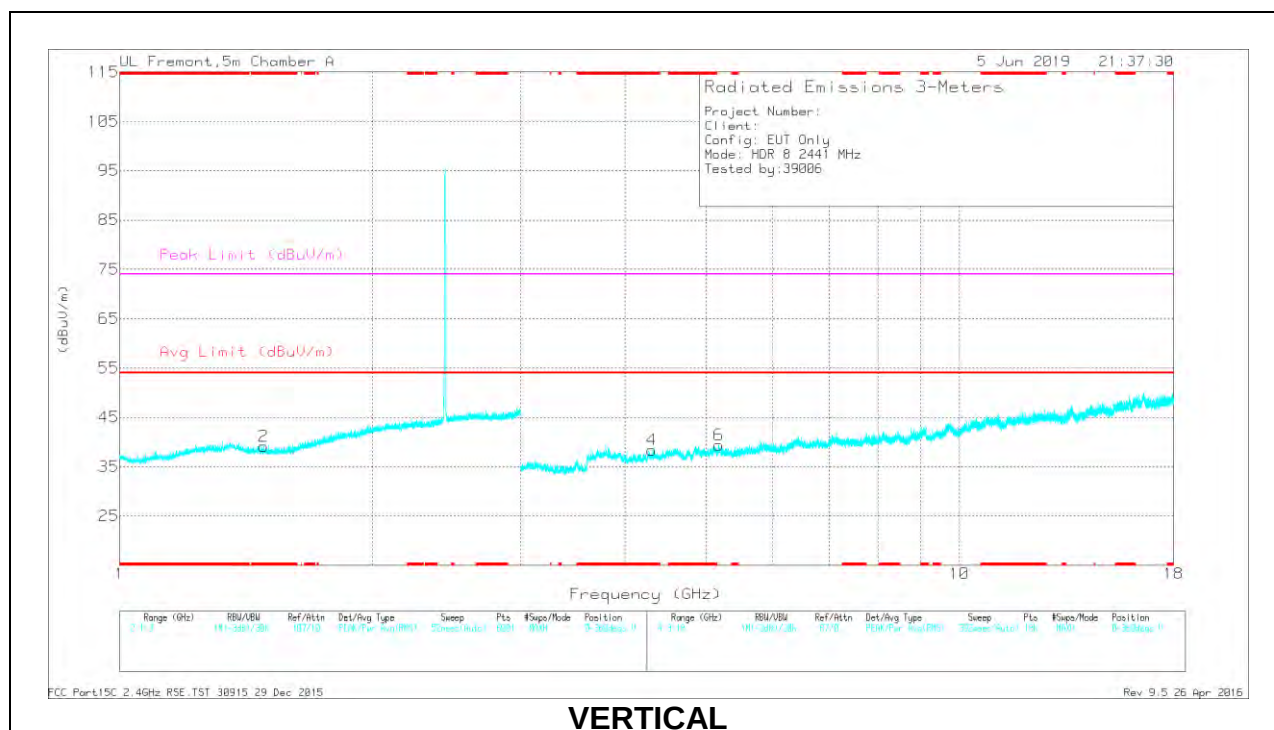
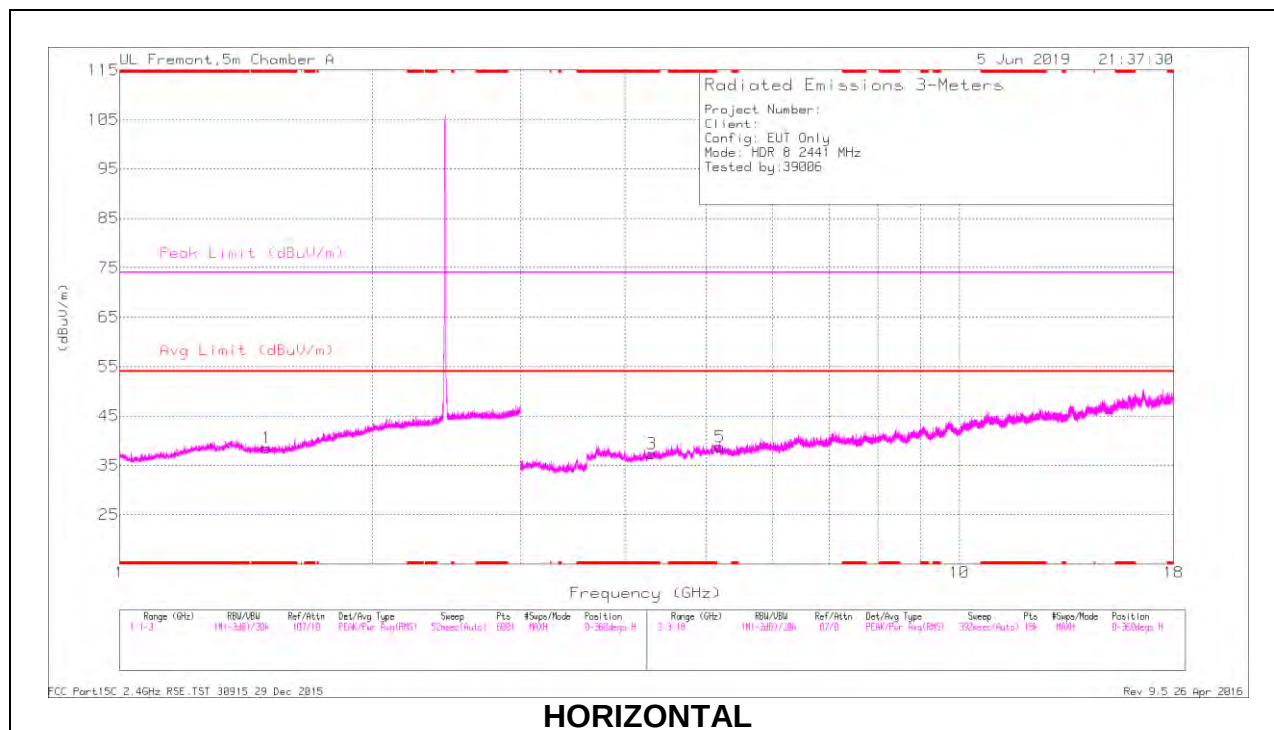
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.346	41.67	PK2	29.3	-25	45.97	-	-	74	-28.03	40	120	H
	* 1.347	31.51	MAv1	29.4	-25	35.91	54	-18.09	-	-	40	120	H
2	* 1.34	42.22	PK2	29.3	-25	46.52	-	-	74	-27.48	60	150	V
	* 1.341	31.49	MAv1	29.3	-25	35.79	54	-18.21	-	-	60	150	V
3	* 4.128	38.69	PK2	33.5	-28.7	43.49	-	-	74	-30.51	35	113	H
	* 4.129	28.44	MAv1	33.5	-28.6	33.34	54	-20.66	-	-	35	113	H
5	* 7.736	35.25	PK2	35.9	-23.2	47.95	-	-	74	-26.05	90	165	H
	* 7.734	25.06	MAv1	35.9	-23.4	37.56	54	-16.44	-	-	90	165	H
4	* 4.127	38.51	PK2	33.5	-28.7	43.31	-	-	74	-30.69	38	170	V
	* 4.13	28.52	MAv1	33.5	-28.6	33.42	54	-20.58	-	-	38	170	V
6	* 7.723	36.29	PK2	35.9	-23.5	48.69	-	-	74	-25.31	86	200	V
	* 7.723	25.53	MAv1	35.9	-23.5	37.93	54	-16.07	-	-	86	200	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

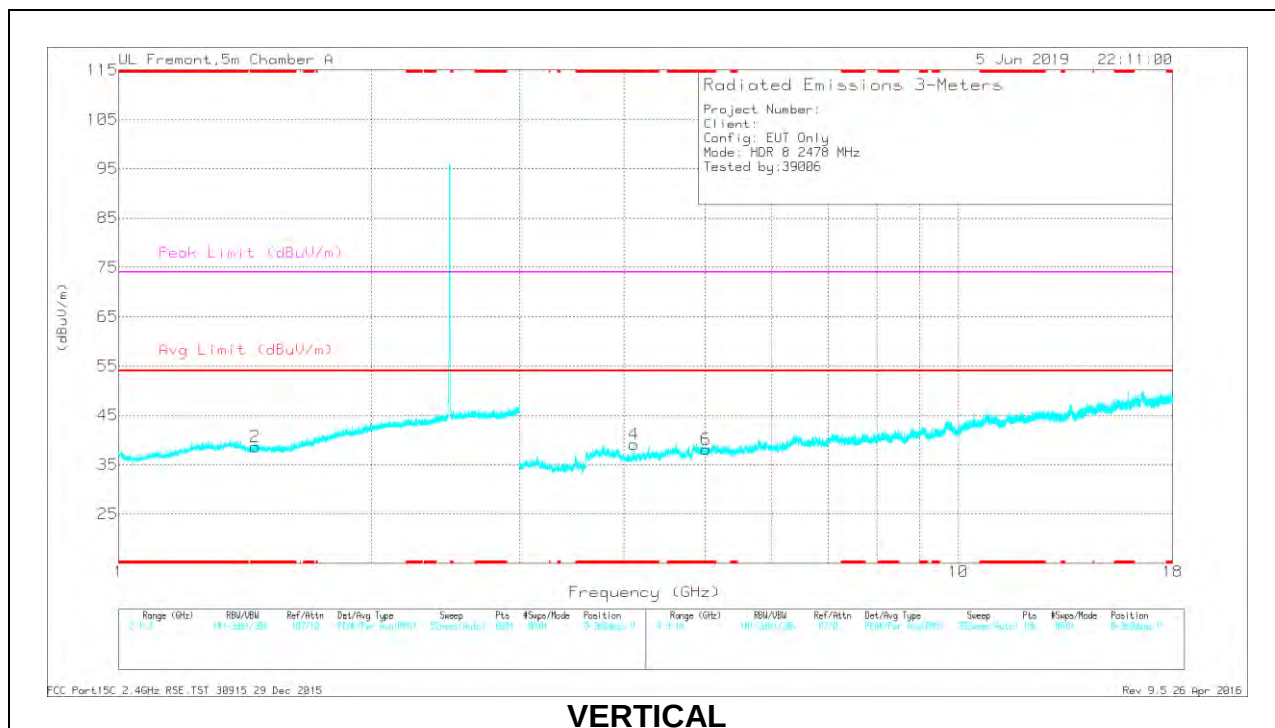
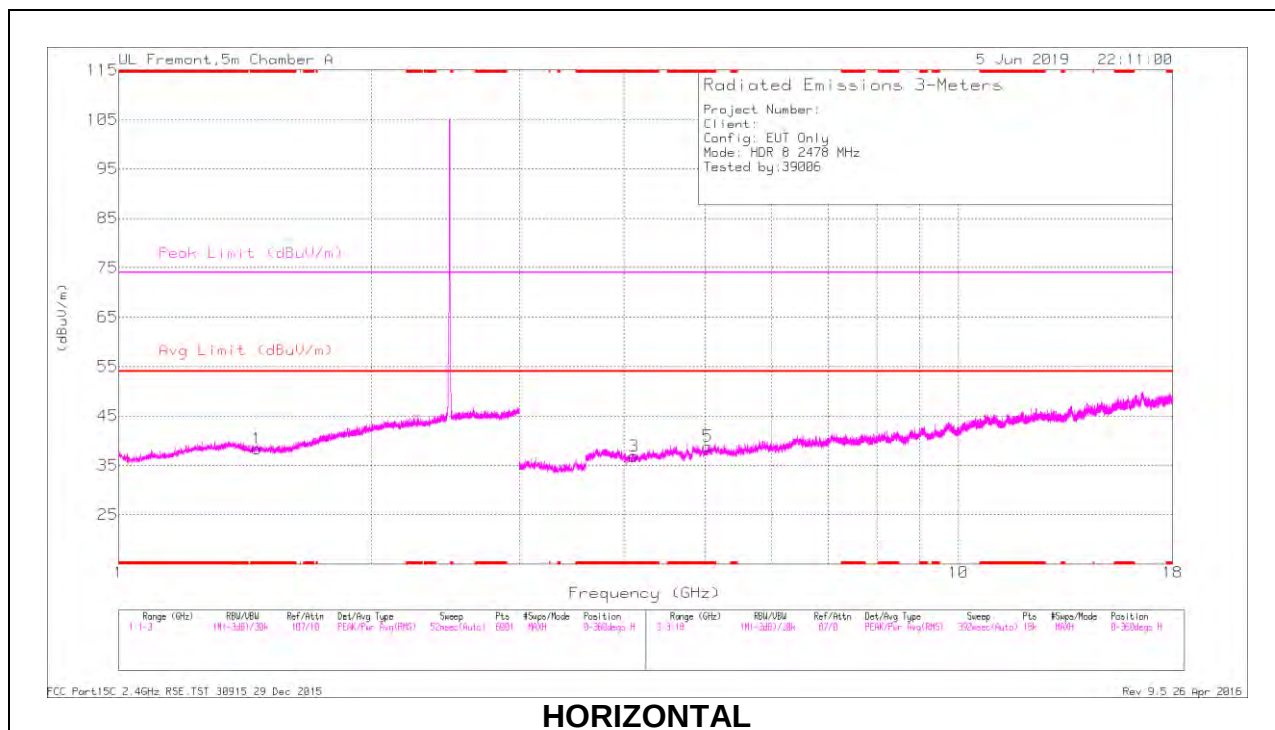
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.494	42.27	PK2	28.3	-24.7	45.87	-	-	74	-28.13	23	100	H
	* 1.495	31.32	MAv1	28.3	-24.6	35.02	54	-18.98	-	-	23	100	H
2	* 1.487	42.16	PK2	28.4	-24.7	45.86	-	-	74	-28.14	41	130	V
	* 1.487	31.29	MAv1	28.4	-24.7	34.99	54	-19.01	-	-	41	130	V
3	* 4.309	38.25	PK2	33.6	-28.2	43.65	-	-	74	-30.35	53	150	H
	* 4.308	28.58	MAv1	33.6	-28.1	34.08	54	-19.92	-	-	53	150	H
4	* 4.303	39.06	PK2	33.6	-27.9	44.76	-	-	74	-29.24	78	155	V
	* 4.303	28.34	MAv1	33.6	-27.9	34.04	54	-19.96	-	-	78	155	V
5	5.176	27.96	MAv1	34.6	-27	35.56	-	-	-	-	39	153	V
	5.177	38.31	PK2	34.6	-27	45.91	-	-	-	-	39	153	V
6	5.187	27.77	MAv1	34.6	-26.9	35.47	-	-	-	-	83	165	H
	5.19	37.69	PK2	34.6	-27	45.29	-	-	-	-	83	165	H

* - 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 T346 (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	* 1.461	42.37	PK2	28.4	-24.7	46.07	-	-	74	-27.93	75	150	H
	* 1.459	31.37	MAv1	28.4	-24.8	34.97	54	-19.03	-	-	75	150	H
2	* 1.455	42.31	PK2	28.4	-24.8	45.91	-	-	74	-28.09	63	140	V
	* 1.453	31.43	MAv1	28.4	-24.8	35.03	54	-18.97	-	-	63	140	V
3	* 4.108	38.6	PK2	33.5	-28.8	43.3	-	-	74	-30.7	68	155	H
	* 4.105	28.82	MAv1	33.6	-28.9	33.52	54	-20.48	-	-	68	155	H
5	* 5.031	38.62	PK2	34.3	-28.5	44.42	-	-	74	-29.58	32	170	H
	* 5.028	29.02	MAv1	34.3	-28.5	34.82	54	-19.18	-	-	32	170	H
4	* 4.112	39	PK2	33.5	-28.8	43.7	-	-	74	-30.3	95	145	V
	* 4.114	28.8	MAv1	33.5	-28.8	33.5	54	-20.5	-	-	95	145	V
6	* 5.006	38.79	PK2	34.3	-28.4	44.69	-	-	74	-29.31	42	203	V
	* 5.004	28.84	MAv1	34.3	-28.3	34.84	54	-19.16	-	-	42	203	V

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

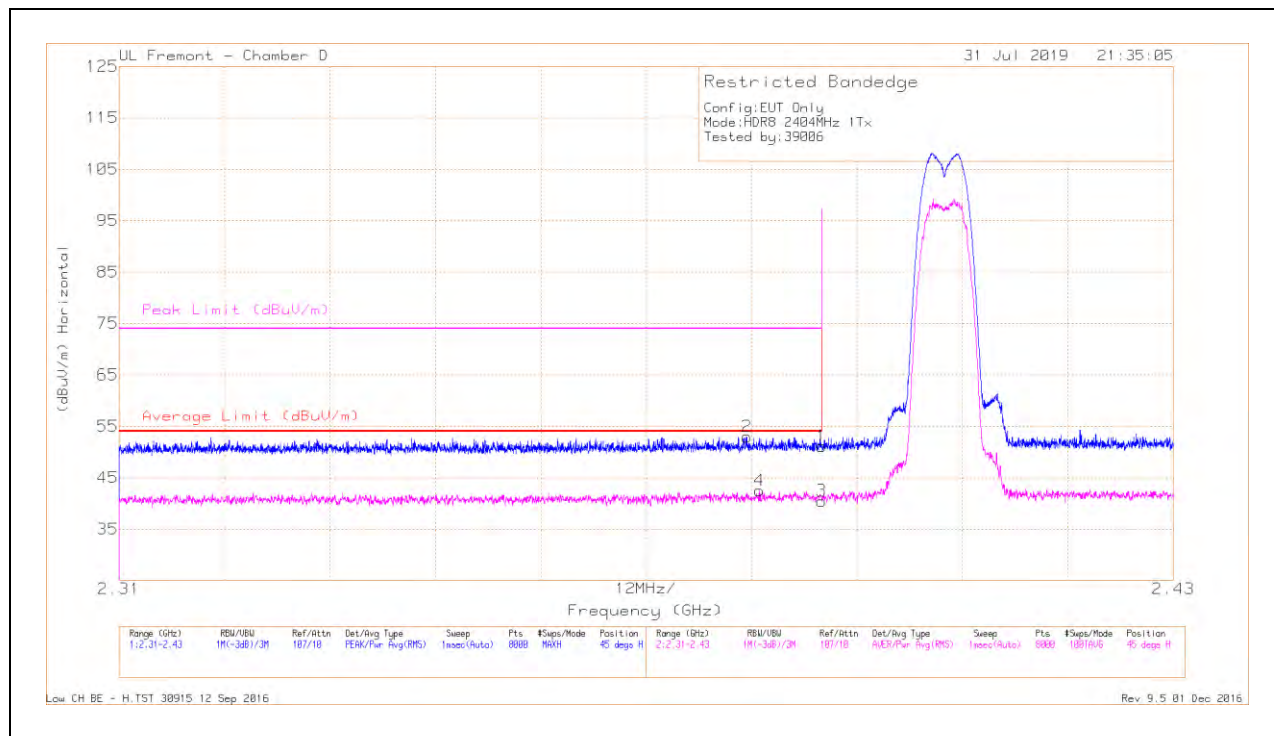
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



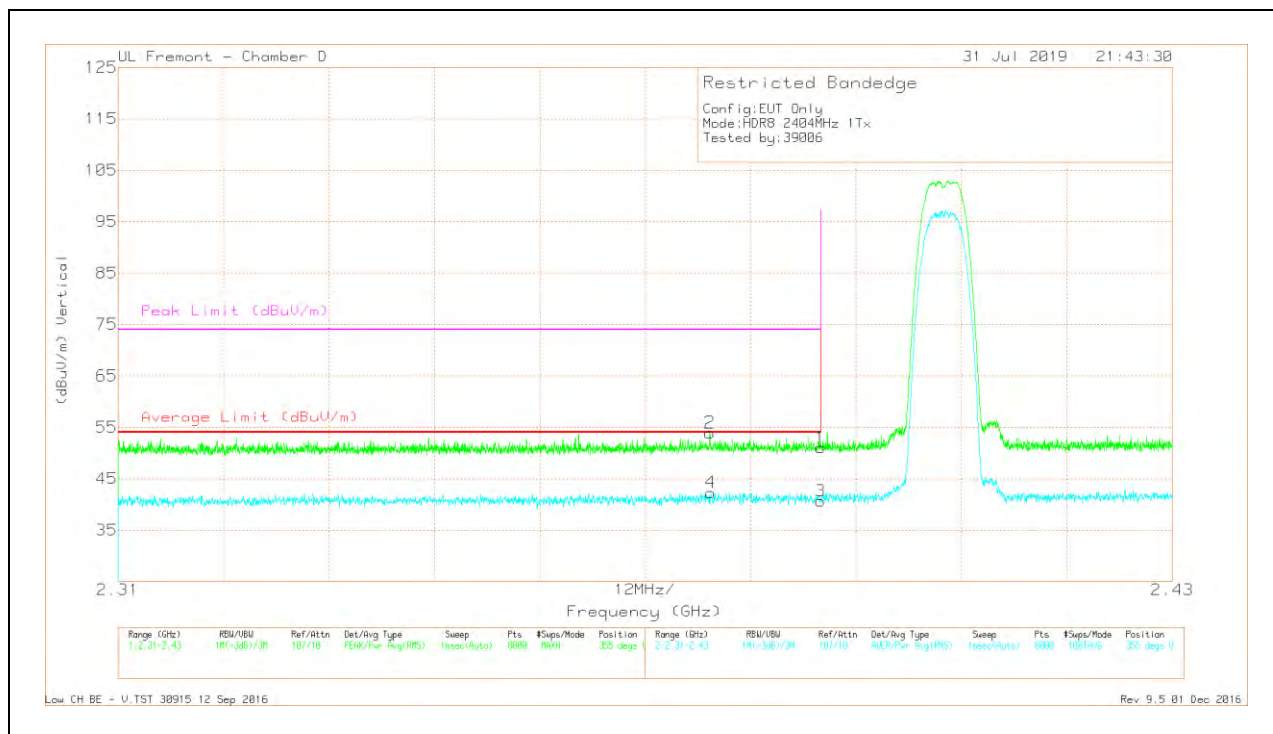
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.381	41.56	Pk	32	-20.6	52.96	-	-	74	-21.04	45	108	H
4	* 2.383	31.08	RMS	32	-20.6	42.48	54	-11.52	-	-	45	108	H
1	* 2.39	39.74	Pk	32	-20.6	51.14	-	-	74	-22.86	45	108	H
3	* 2.39	29.08	RMS	32	-20.6	40.48	54	-13.52	-	-	45	108	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

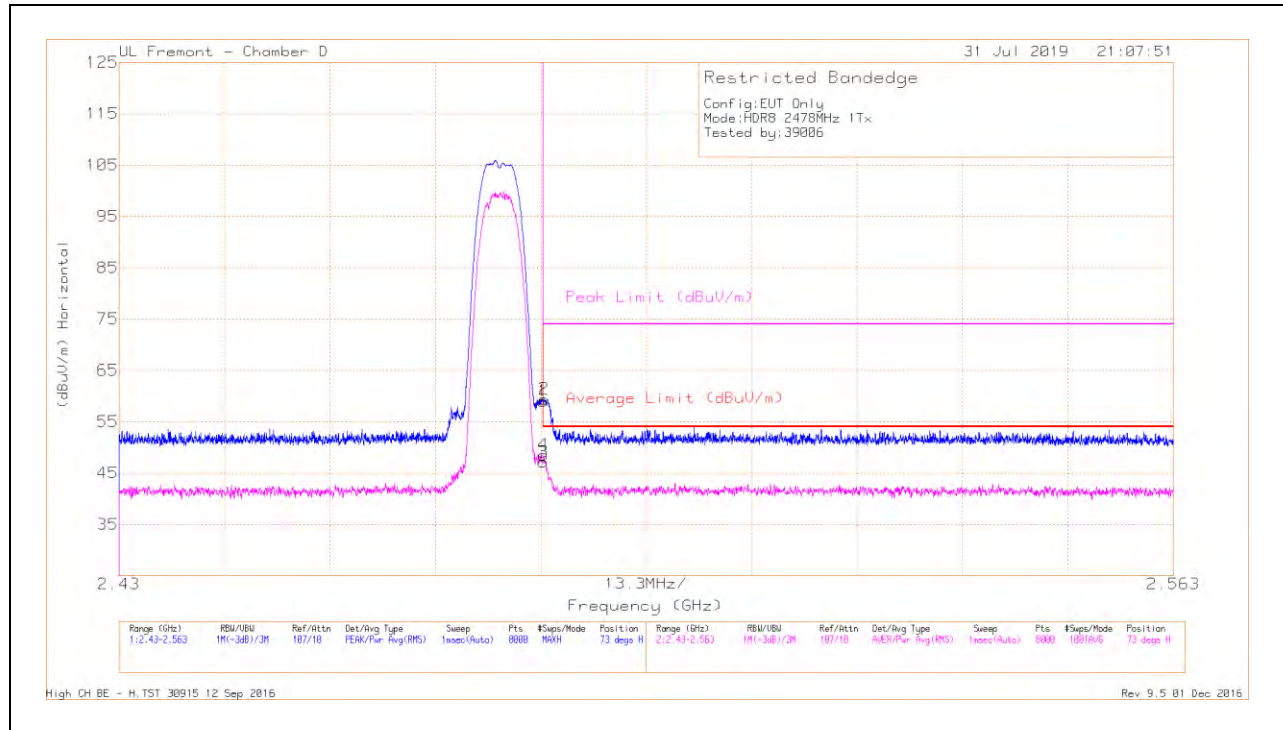


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.377	42.61	Pk	31.9	-20.6	53.91	-	-	74	-20.09	355	385	V
4	* 2.377	31.01	RMS	31.9	-20.6	42.31	54	-11.69	-	-	355	385	V
1	* 2.39	39.66	Pk	32	-20.6	51.06	-	-	74	-22.94	355	385	V
3	* 2.39	29.26	RMS	32	-20.6	40.66	54	-13.34	-	-	355	385	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

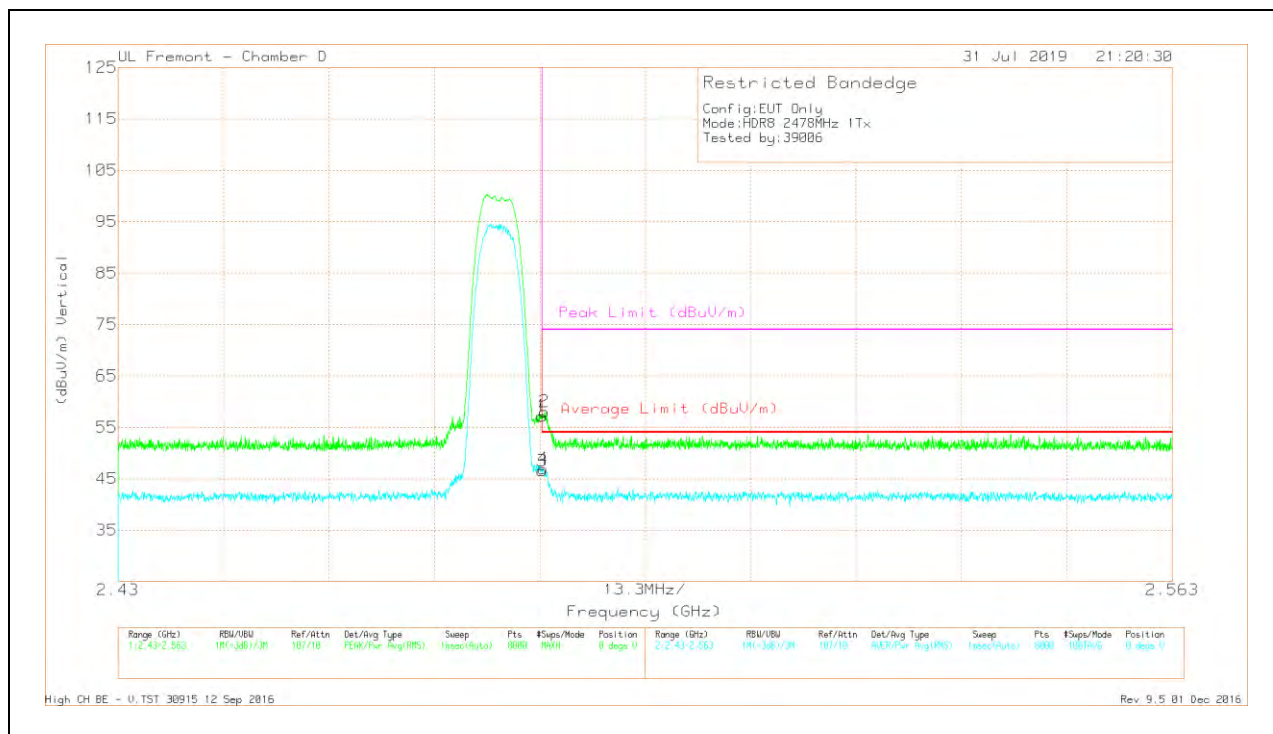
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.26	Pk	32.4	-20.6	59.06	-	-	74	-14.94	73	218	H
2	* 2.484	47.61	Pk	32.4	-20.6	59.41	-	-	74	-14.59	73	218	H
3	* 2.484	35.35	RMS	32.4	-20.6	47.15	54	-6.85	-	-	73	218	H
4	* 2.484	36.73	RMS	32.4	-20.6	48.53	54	-5.47	-	-	73	218	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 T712 (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	* 2.484	45.42	Pk	32.4	-20.6	57.22	-	-	74	-16.78	0	321	V
2	* 2.484	46.27	Pk	32.4	-20.6	58.07	-	-	74	-15.93	0	321	V
3	* 2.484	34.74	RMS	32.4	-20.6	46.54	54	-7.46	-	-	0	321	V
4	* 2.484	35.12	RMS	32.4	-20.6	46.92	54	-7.08	-	-	0	321	V

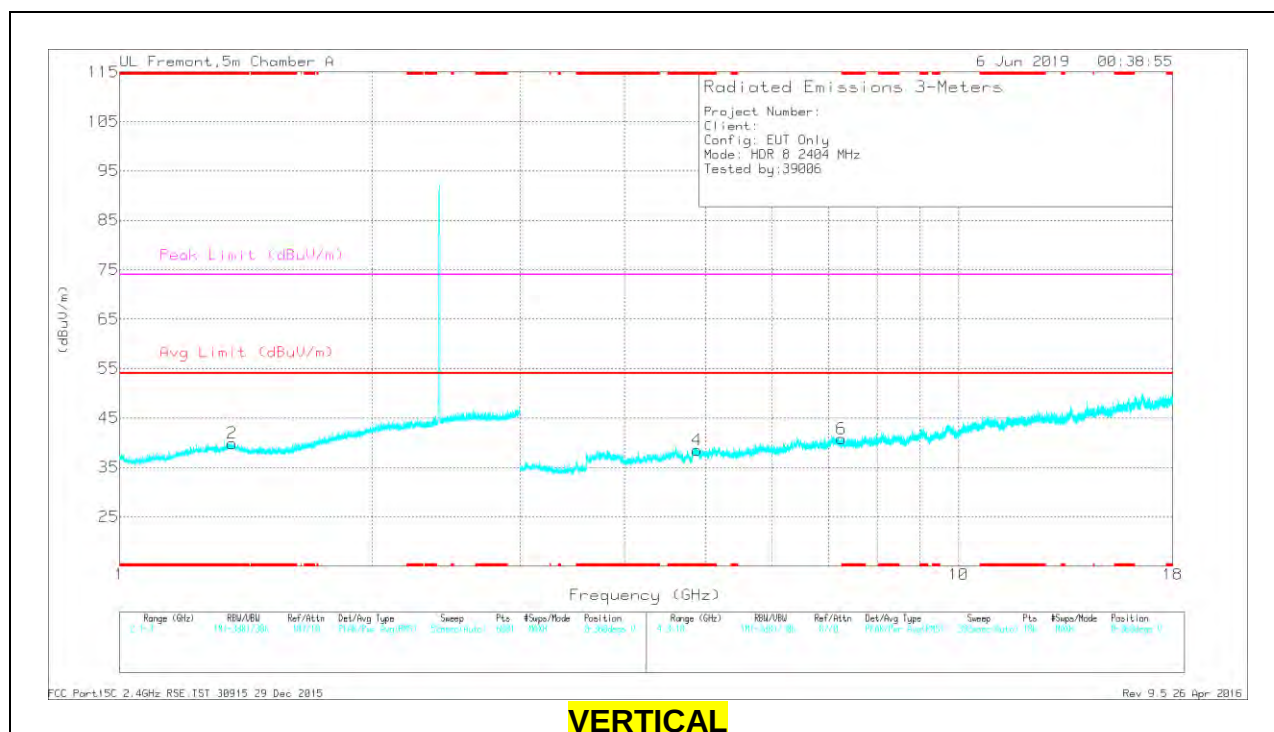
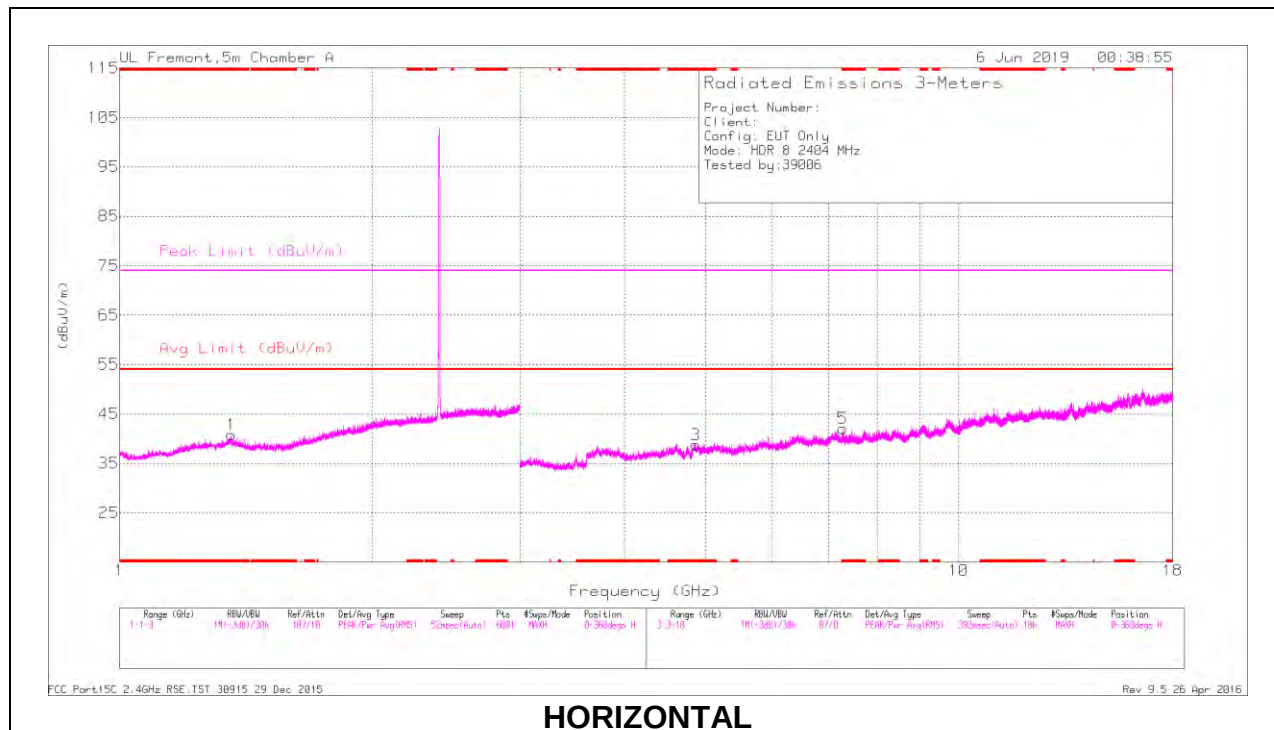
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

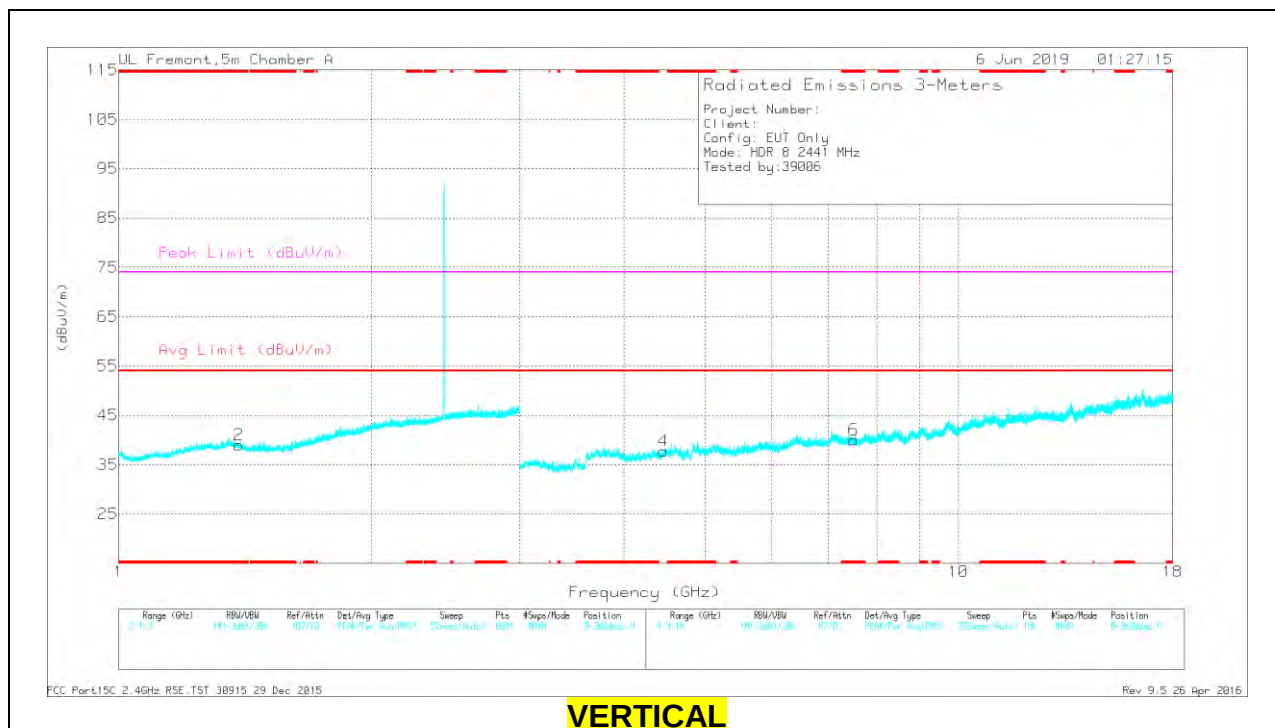
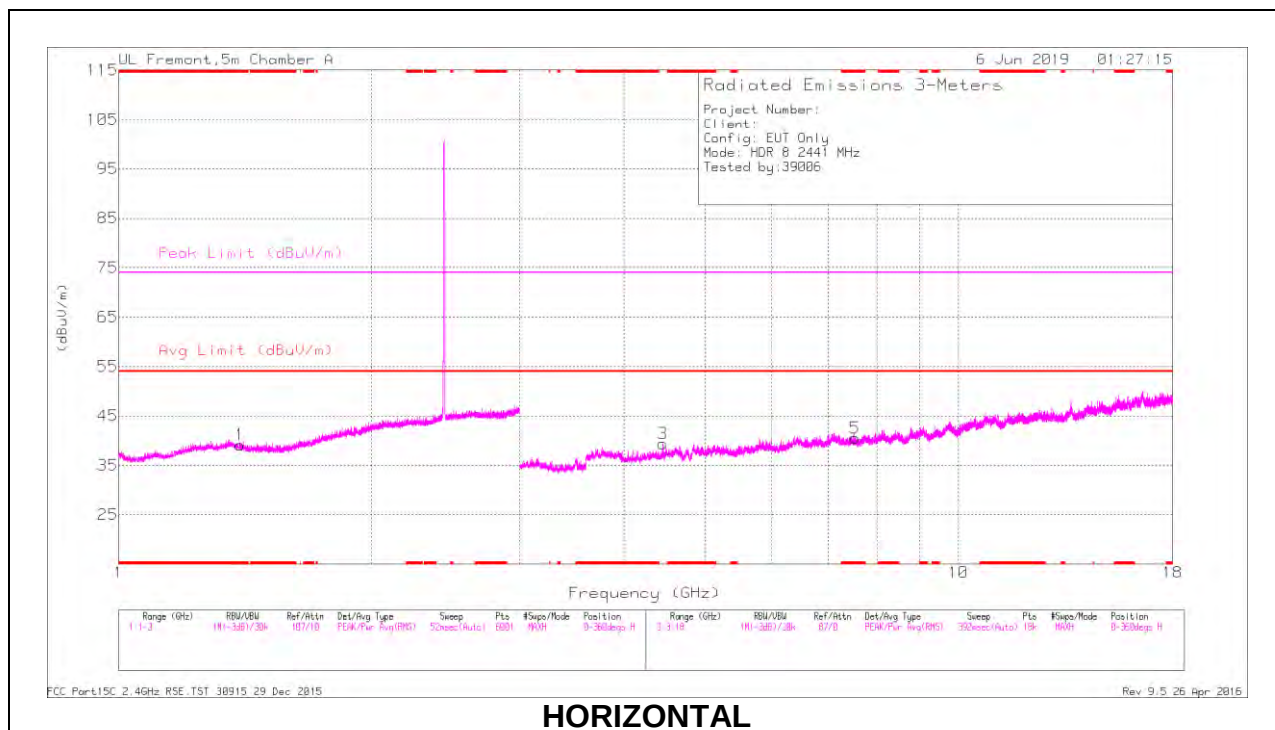
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.36	42.26	PK2	29.5	-25	46.76	-	-	74	-27.24	90	150	H
	* 1.36	31.5	MAv1	29.5	-25	36	54	-18	-	-	90	150	H
2	* 1.361	42.01	PK2	29.5	-24.9	46.61	-	-	74	-27.39	65	130	V
	* 1.36	31.63	MAv1	29.5	-25	36.13	54	-17.87	-	-	65	130	V
3	* 4.861	38.74	PK2	34.2	-27.2	45.74	-	-	74	-28.26	43	155	H
	* 4.864	27.84	MAv1	34.1	-27.1	34.84	54	-19.16	-	-	43	155	H
5	* 7.285	36.55	PK2	35.8	-24.7	47.65	-	-	74	-26.35	38	145	H
	* 7.284	26.2	MAv1	35.8	-24.7	37.3	54	-16.7	-	-	38	145	H
4	* 4.878	37.28	PK2	34.2	-26.8	44.68	-	-	74	-29.32	54	160	V
	* 4.878	27.65	MAv1	34.2	-26.8	35.05	54	-18.95	-	-	54	160	V
6	* 7.259	35.53	PK2	35.8	-24.5	46.83	-	-	74	-27.17	29	190	V
	* 7.259	25.8	MAv1	35.8	-24.5	37.1	54	-16.9	-	-	29	190	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

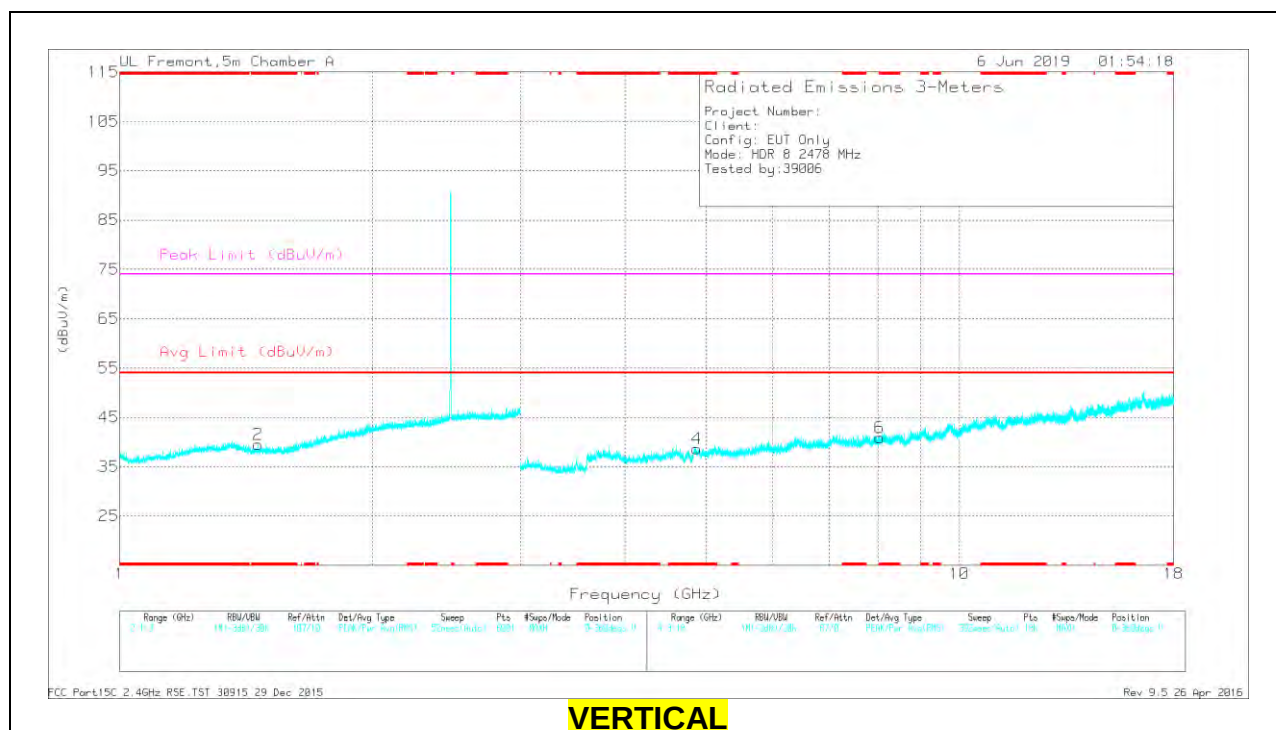
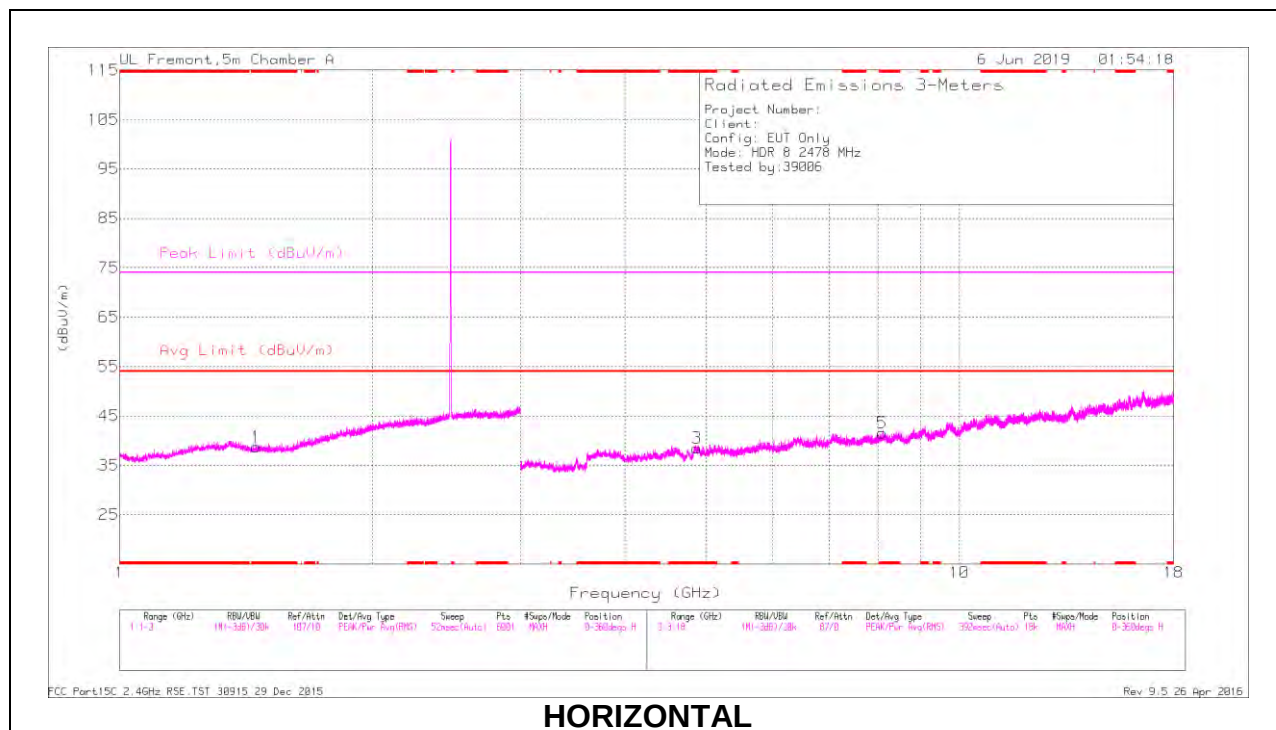
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.397	42.44	PK2	28.9	-24.9	46.44	-	-	74	-27.56	43	135	H
	* 1.396	31.64	MAv1	28.9	-24.9	35.64	54	-18.36	-	-	43	135	H
2	* 1.391	42.69	PK2	29	-25	46.69	-	-	74	-27.31	26	164	V
	* 1.392	31.7	MAv1	29	-24.9	35.8	54	-18.2	-	-	26	164	V
5	* 7.535	35.55	PK2	35.8	-23.6	47.75	-	-	74	-26.25	64	150	H
	* 7.537	24.79	MAv1	35.8	-23.6	36.99	54	-17.01	-	-	64	150	H
6	* 7.511	35.29	PK2	35.8	-23.3	47.79	-	-	74	-26.21	55	155	V
	* 7.51	24.56	MAv1	35.8	-23.3	37.06	54	-16.94	-	-	55	155	V
3	4.45	28.92	MAv1	33.8	-28.3	34.42	-	-	-	-	79	110	H
	4.451	38.71	PK2	33.8	-28.3	44.21	-	-	-	-	79	110	H
4	4.454	38.67	PK2	33.8	-28.2	44.27	-	-	-	-	90	184	V
	4.455	28.75	MAv1	33.8	-28.1	34.45	-	-	-	-	90	184	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 T346 (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	* 1.454	42.41	PK2	28.4	-24.8	46.01	-	-	74	-27.99	41	162	H
	* 1.454	31.67	MAv1	28.4	-24.8	35.27	54	-18.73	-	-	41	162	H
2	* 1.461	42.34	PK2	28.4	-24.7	46.04	-	-	74	-27.96	49	170	V
	* 1.462	31.59	MAv1	28.4	-24.7	35.29	54	-18.71	-	-	49	170	V
3	* 4.866	37.78	PK2	34.1	-27	44.88	-	-	74	-29.12	73	180	H
	* 4.868	27.59	MAv1	34.1	-26.9	34.79	54	-19.21	-	-	73	180	H
5	* 8.099	34.68	PK2	35.8	-22.5	47.98	-	-	74	-26.02	64	162	H
	* 8.1	24.7	MAv1	35.8	-22.4	38.1	54	-15.9	-	-	64	162	H
4	* 4.872	37.74	PK2	34.1	-26.9	44.94	-	-	74	-29.06	28	125	V
	* 4.874	27.73	MAv1	34.1	-26.9	34.93	54	-19.07	-	-	28	125	V
6	* 8.043	35.37	PK2	35.8	-23	48.17	-	-	74	-25.83	54	150	V
	* 8.044	25.24	MAv1	35.8	-23	38.04	54	-15.96	-	-	54	150	V

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

PK2 - KDB558074 Method: Maximum Peak

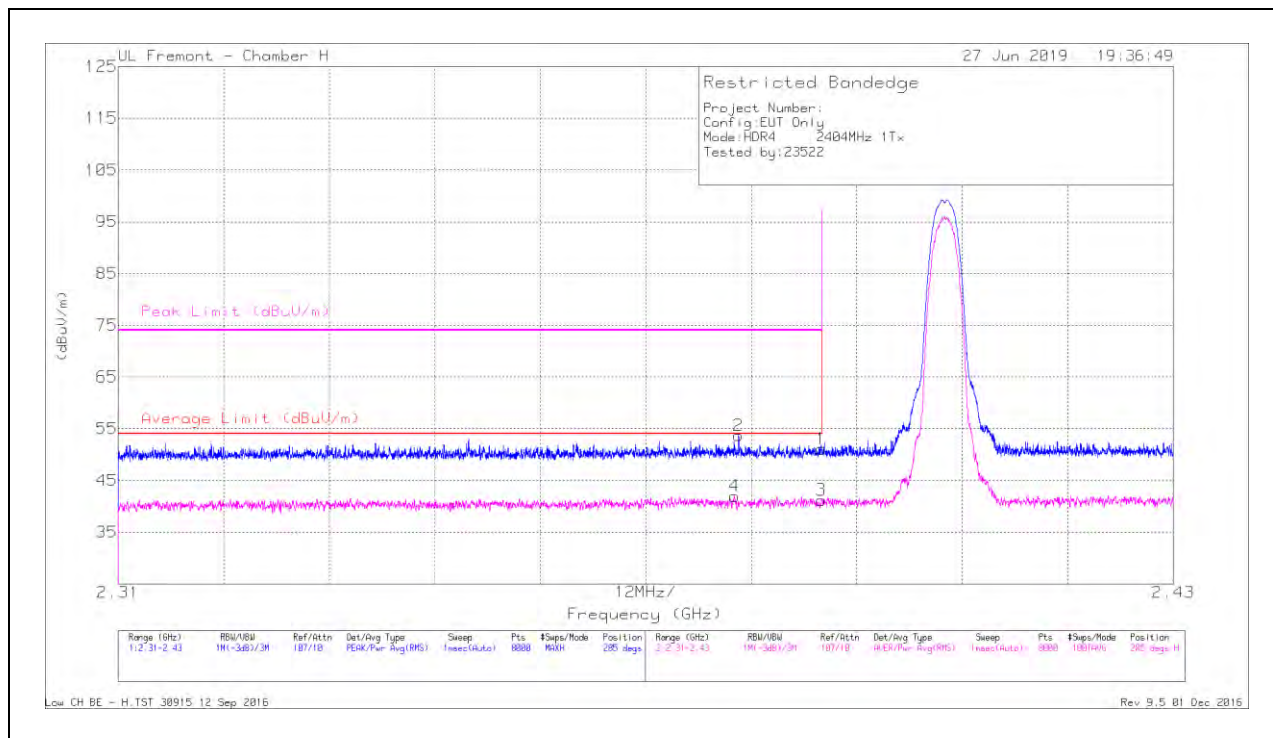
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. LOW POWER HDR (HDR4)

Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



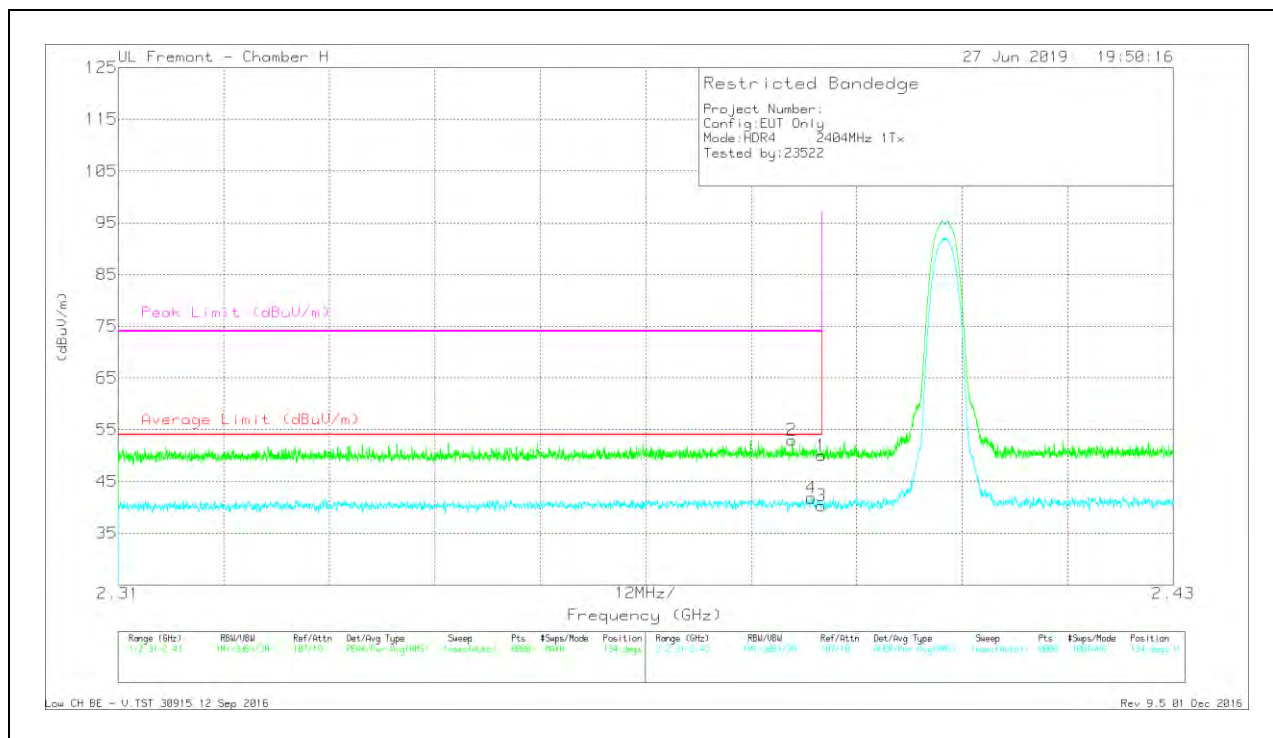
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.48	Pk	32.1	-23.5	51.08	-	-	74	-22.92	285	103	H
2	* 2.381	44.98	Pk	32.2	-23.5	53.68	-	-	74	-20.32	285	103	H
3	* 2.39	32.59	RMS	32.1	-23.5	41.19	54	-12.81	-	-	285	103	H
4	* 2.38	33.25	RMS	32.2	-23.5	41.95	54	-12.05	-	-	285	103	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 T863 (dB/m)	Amp/Cb/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
2	* 2.387	44.4	Pk	32.1	-23.5	53	-	-	74	-21	134	388	V
4	* 2.389	33.24	RMS	32.1	-23.5	41.84	54	-12.16	-	-	134	388	V
1	* 2.39	41.43	Pk	32.1	-23.5	50.03	-	-	74	-23.97	134	388	V
3	* 2.39	31.71	RMS	32.1	-23.5	40.31	54	-13.69	-	-	134	388	V

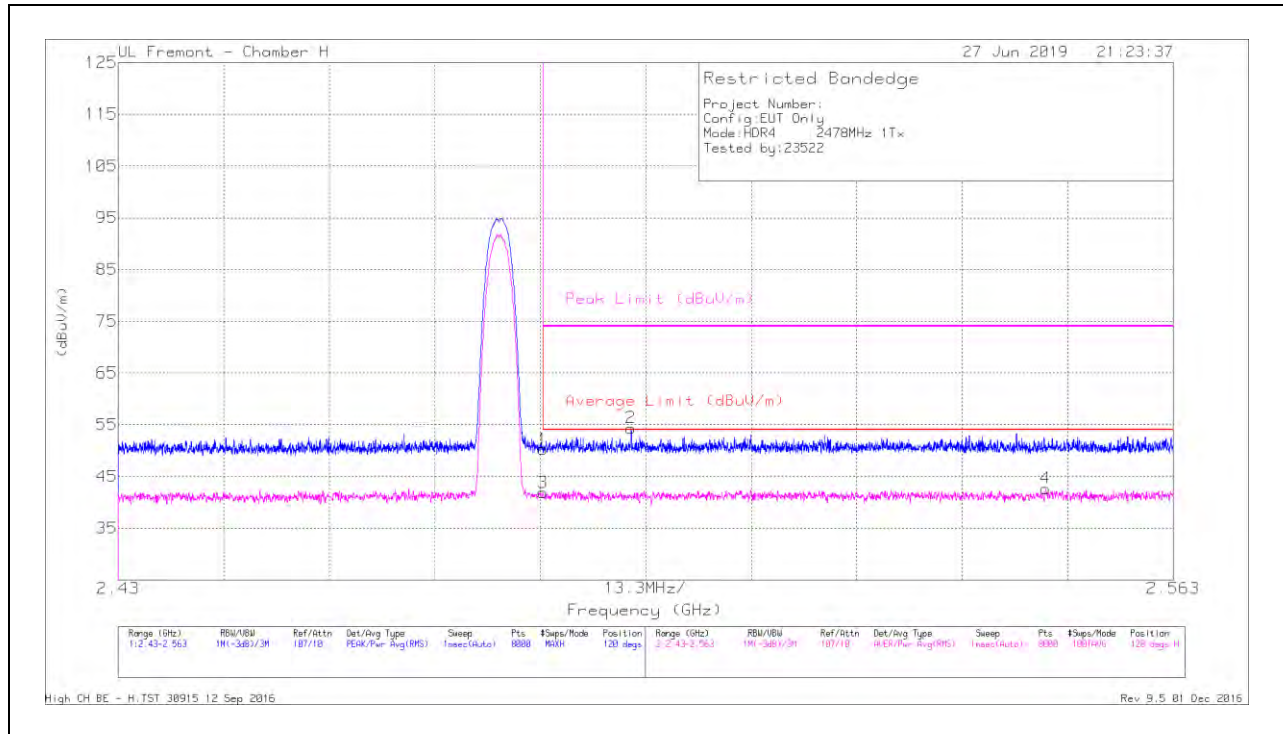
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



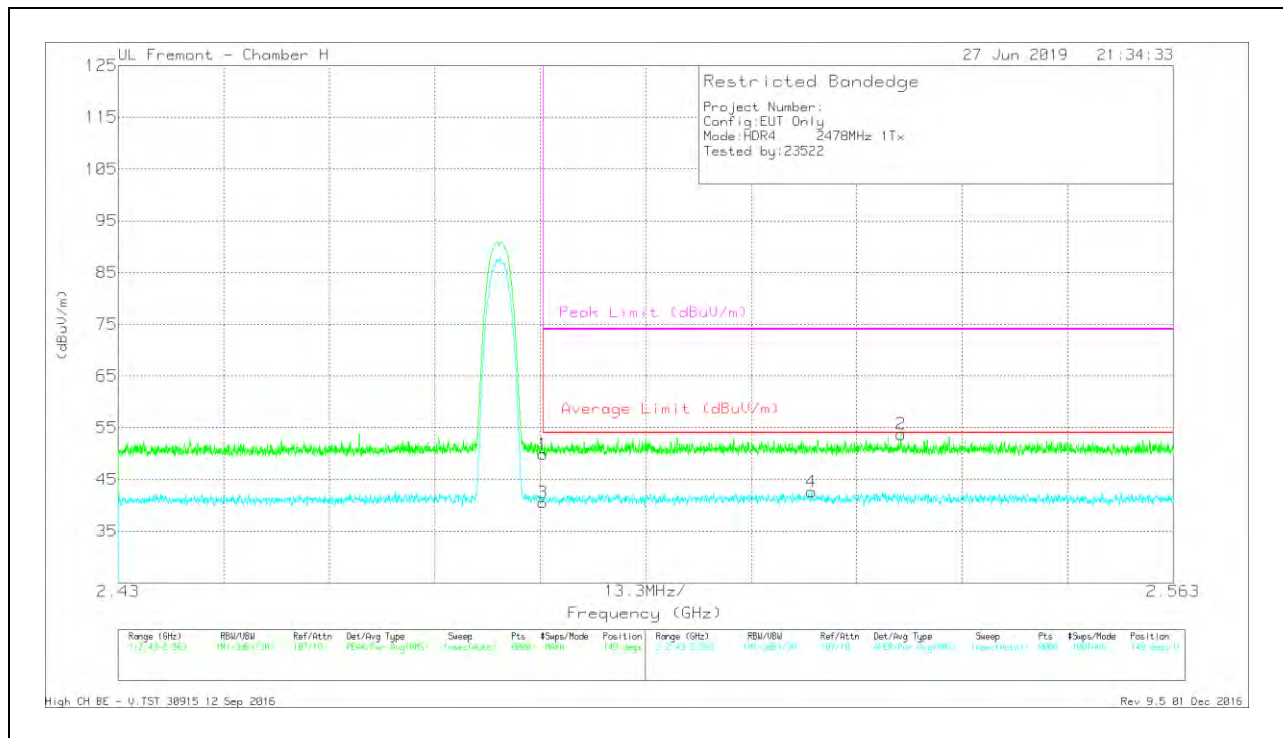
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.06	Pk	32.5	-23.3	50.26	-	-	74	-23.74	120	227	H
2	* 2.495	45.04	Pk	32.5	-23.2	54.34	-	-	74	-19.66	120	227	H
3	* 2.484	32.66	RMS	32.5	-23.3	41.86	54	-12.14	-	-	120	227	H
4	2.547	33.27	RMS	32.5	-23.1	42.67	54	-11.33	-	-	120	227	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 T863 (dB/m)	Amp/Cb/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	* 2.484	40.71	Pk	32.5	-23.3	49.91	-	-	74	-24.09	149	362	V
3	* 2.484	31.34	RMS	32.5	-23.3	40.54	54	-13.46	-	-	149	362	V
4	2.517	33.21	RMS	32.6	-23.2	42.61	54	-11.39	-	-	149	362	V
2	2.529	44.35	Pk	32.6	-23.2	53.75	-	-	74	-20.25	149	362	V

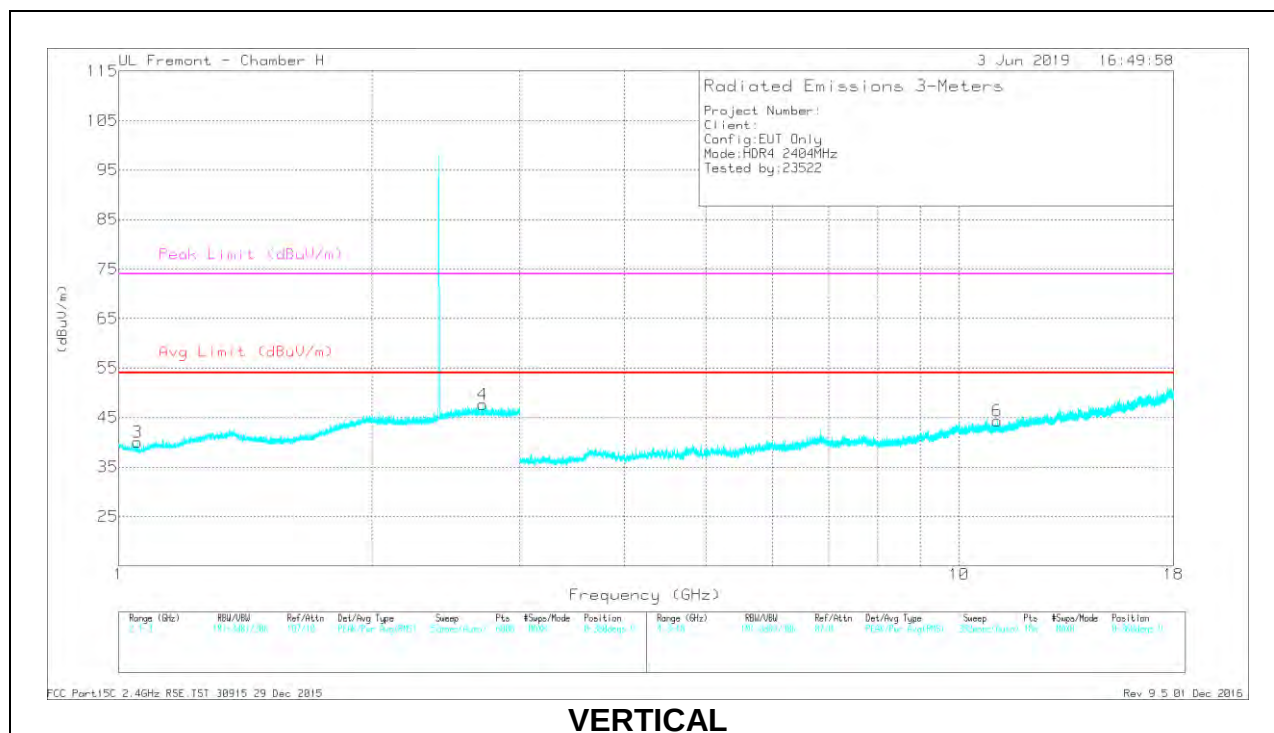
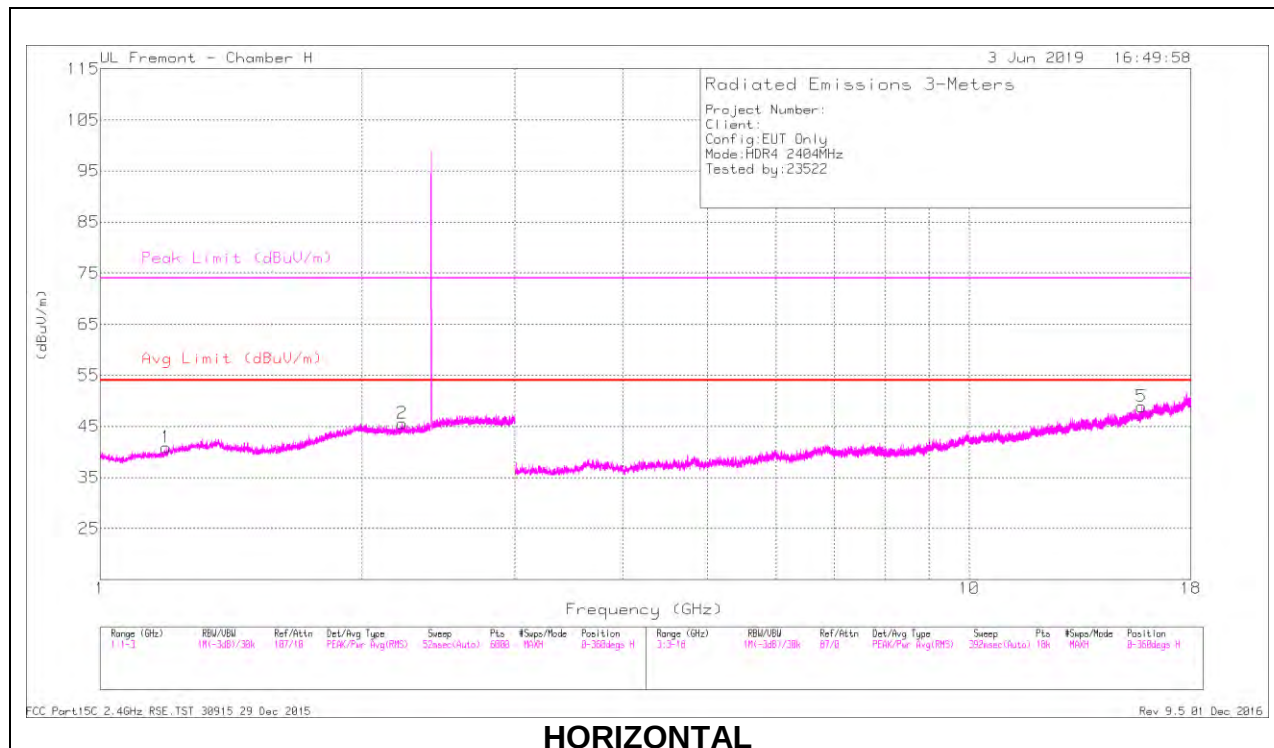
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

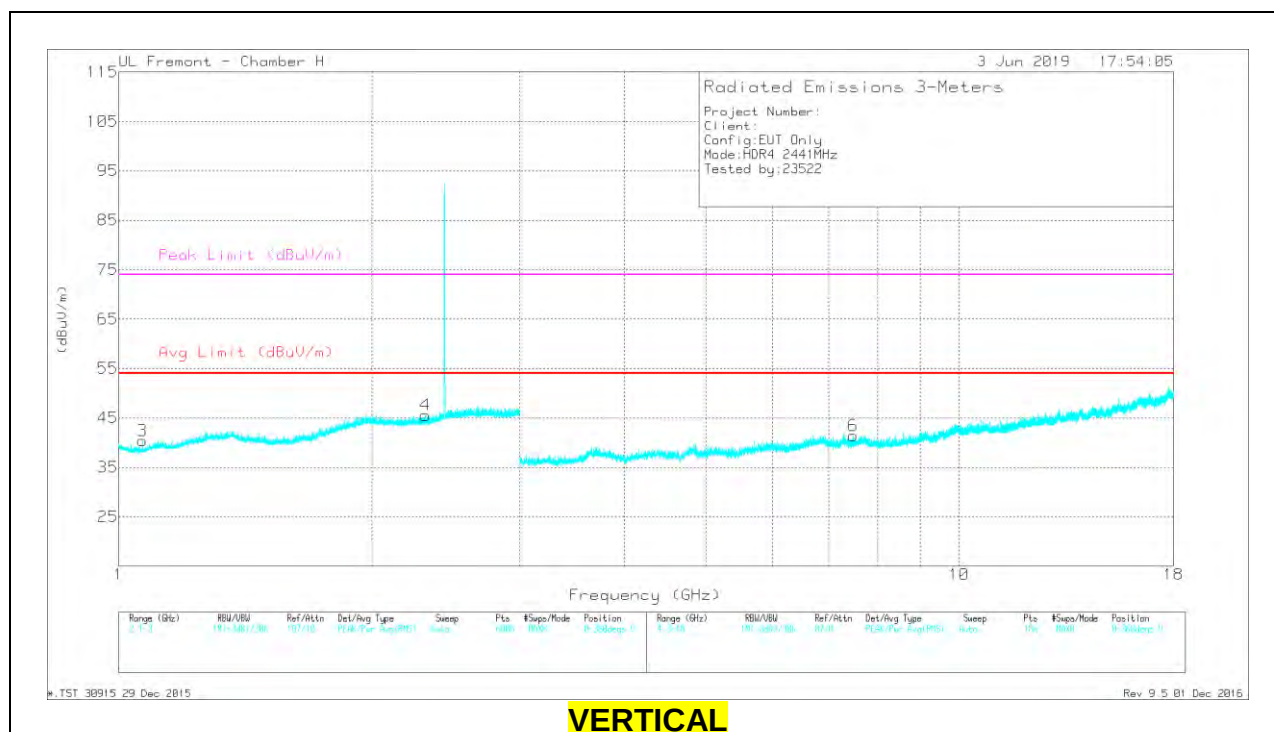
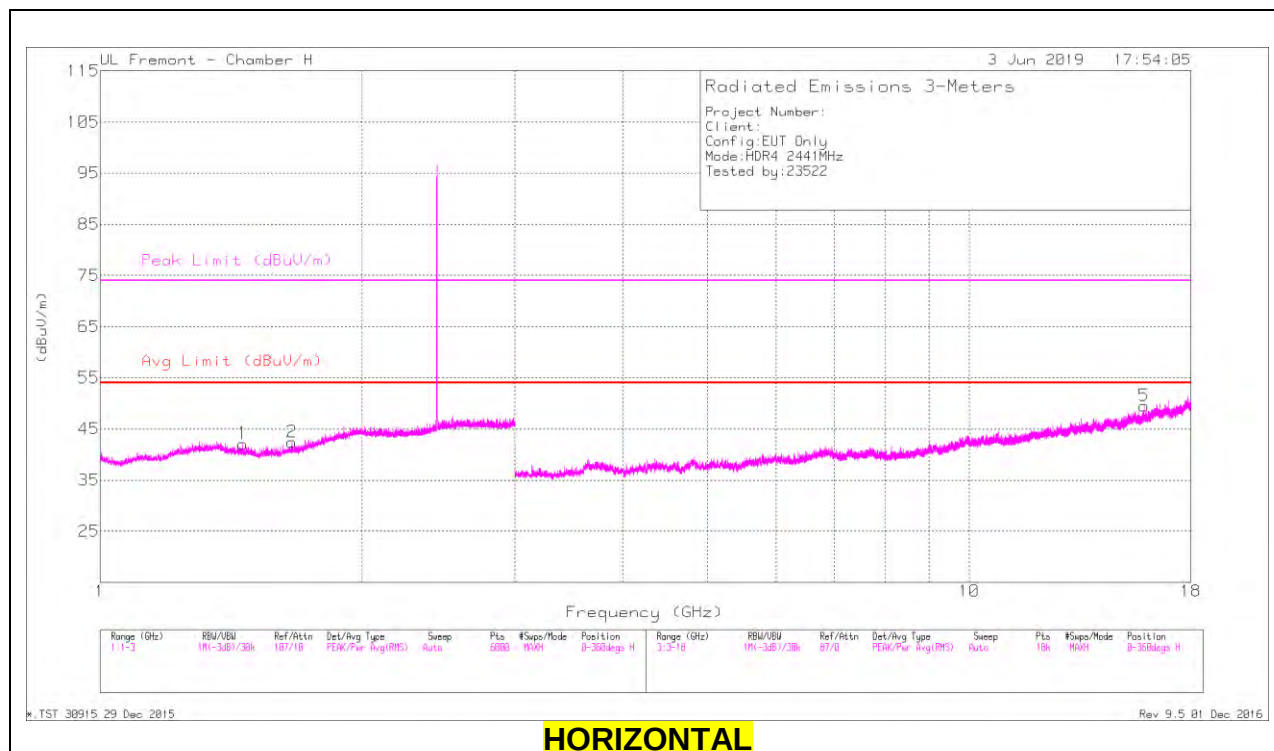
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.193	45.39	PK2	27.9	-25.6	47.69	-	-	74	-26.31	9	116	H
	* 1.193	33.53	MAv1	27.9	-25.6	35.83	54	-18.17	-	-	9	116	H
2	* 2.229	44.87	PK2	31.3	-23.9	52.27	-	-	74	-21.73	56	194	H
	* 2.227	32.79	MAv1	31.3	-23.9	40.19	54	-13.81	-	-	56	194	H
3	* 1.054	45.19	PK2	26.7	-25.8	46.09	-	-	74	-27.91	89	224	V
	* 1.052	33.71	MAv1	26.7	-25.8	34.61	54	-19.39	-	-	89	224	V
4	* 2.71	44.67	PK2	32.5	-23.1	54.07	-	-	74	-19.93	117	252	V
	* 2.712	32.59	MAv1	32.5	-23.1	41.99	54	-12.01	-	-	117	252	V
5	* 15.807	36.42	PK2	40.6	-21.5	55.52	-	-	74	-18.48	205	334	H
	* 15.807	24.55	MAv1	40.6	-21.5	43.65	54	-10.35	-	-	205	334	H
6	* 11.112	35.84	PK2	37.8	-23.1	50.54	-	-	74	-23.46	323	379	V
	* 11.111	24.76	MAv1	37.8	-23.1	39.46	54	-14.54	-	-	323	379	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

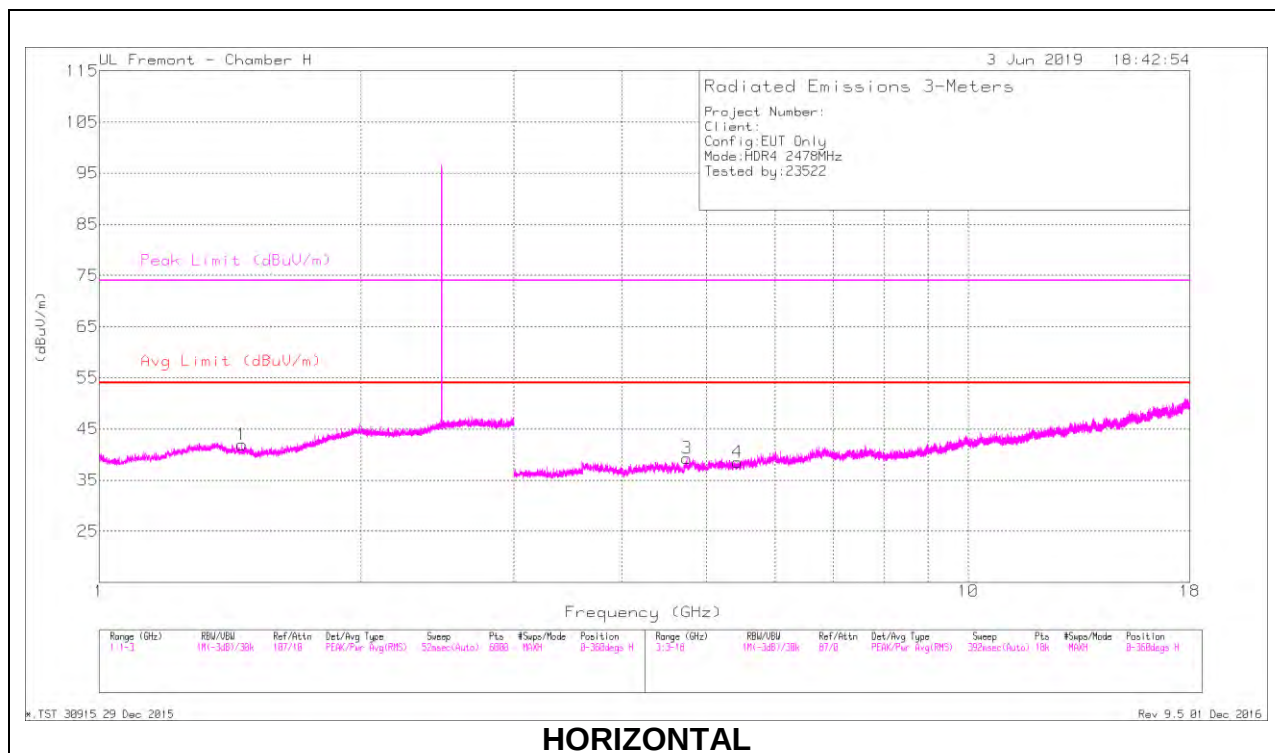
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.458	44.84	PK2	28.5	-25	48.34	-	-	74	-25.66	57	113	H
	* 1.459	33.29	MAv1	28.5	-25	36.79	54	-17.21	-	-	57	113	H
2	* 1.706	44.87	PK2	28.8	-24.5	49.17	-	-	74	-24.83	191	149	H
	* 1.684	33.23	MAv1	28.5	-24.5	37.23	54	-16.77	-	-	191	149	H
3	* 1.066	45.19	PK2	26.8	-25.8	46.19	-	-	74	-27.81	218	203	V
	* 1.066	33.73	MAv1	26.8	-25.8	34.73	54	-19.27	-	-	218	203	V
4	* 2.319	44.5	PK2	31.3	-23.6	52.2	-	-	74	-21.8	259	203	V
	* 2.317	32.64	MAv1	31.4	-23.6	40.44	54	-13.56	-	-	259	203	V
5	* 15.903	34.67	PK2	40.7	-20.5	54.87	-	-	74	-19.13	326	316	H
	* 15.904	24.08	MAv1	40.7	-20.5	44.28	54	-9.72	-	-	326	316	H
6	* 7.488	38.68	PK2	36.4	-27.6	47.48	-	-	74	-26.52	342	396	V
	* 7.488	27.42	MAv1	36.4	-27.6	36.22	54	-17.78	-	-	342	396	V

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

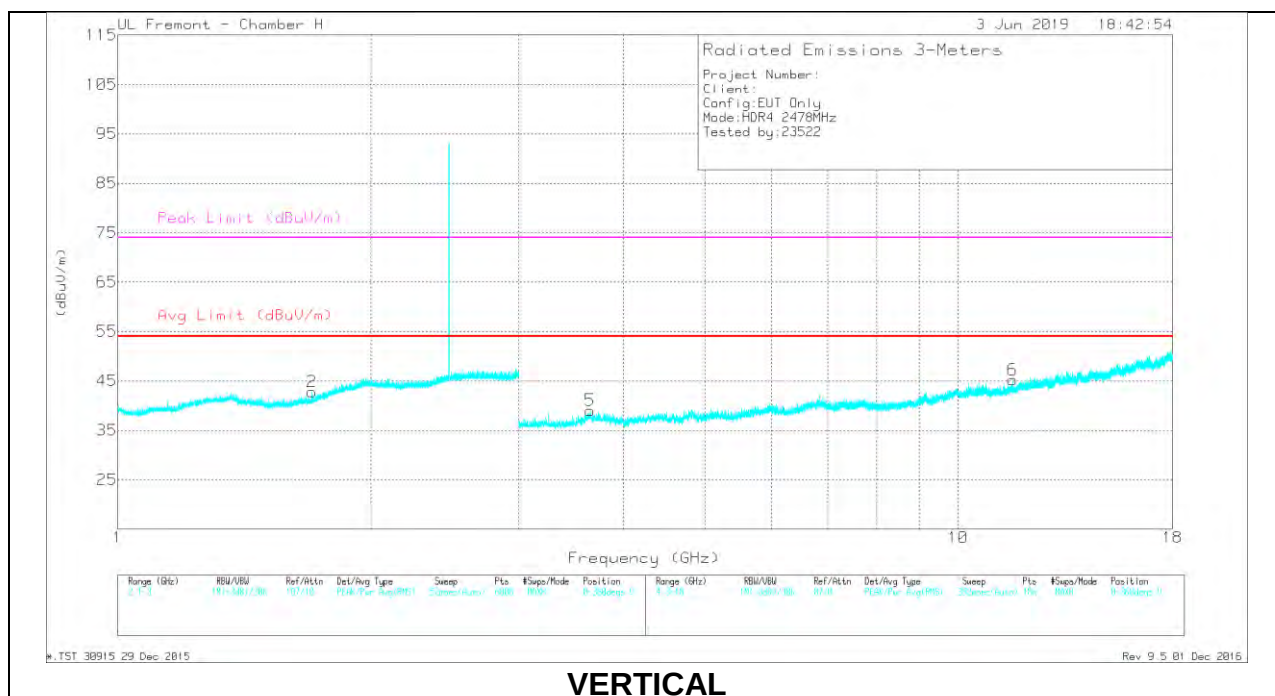
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 1.458	44.81	PK2	28.5	-25	48.31	-	-	74	-25.69	7	102	H
	* 1.46	33.21	MAv1	28.5	-25	36.71	54	-17.29	-	-	7	102	H
2	* 1.704	44.69	PK2	28.8	-24.4	49.09	-	-	74	-24.91	99	152	V
	* 1.702	33.03	MAv1	28.8	-24.4	37.43	54	-16.57	-	-	99	152	V
3	* 4.748	41.49	PK2	34	-30	45.49	-	-	74	-28.51	165	212	H
	* 4.746	30.61	MAv1	34	-30	34.61	54	-19.39	-	-	165	212	H
4	* 5.428	40.25	PK2	34.6	-29.1	45.75	-	-	74	-28.25	248	274	H
	* 5.428	28.72	MAv1	34.6	-29.1	34.22	54	-19.78	-	-	248	274	H
5	* 3.65	41.19	PK2	33.1	-29.7	44.59	-	-	74	-29.41	313	368	V
	* 3.648	29.88	MAv1	33.2	-29.6	33.48	54	-20.52	-	-	313	368	V
6	* 11.609	35.99	PK2	38.4	-23	51.39	-	-	74	-22.61	342	398	V
	* 11.608	24.63	MAv1	38.4	-23	40.03	54	-13.97	-	-	342	398	V

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

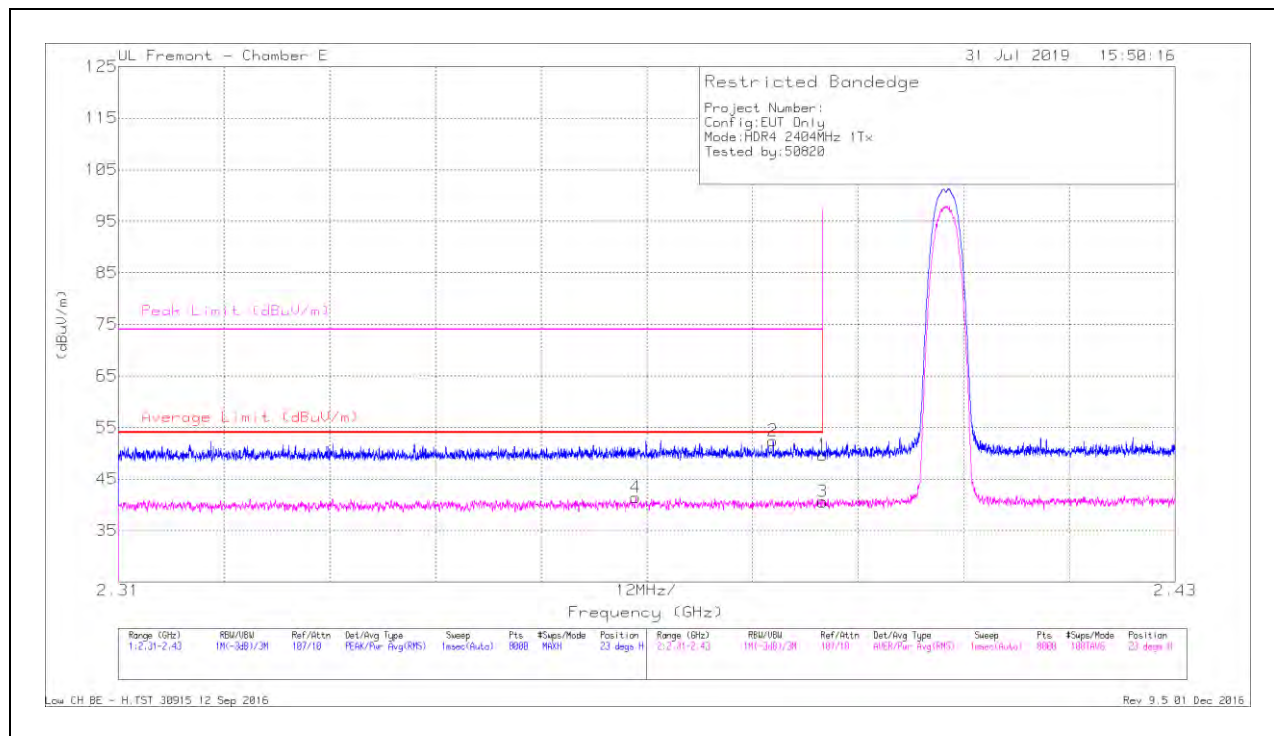
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

Antenna 3

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



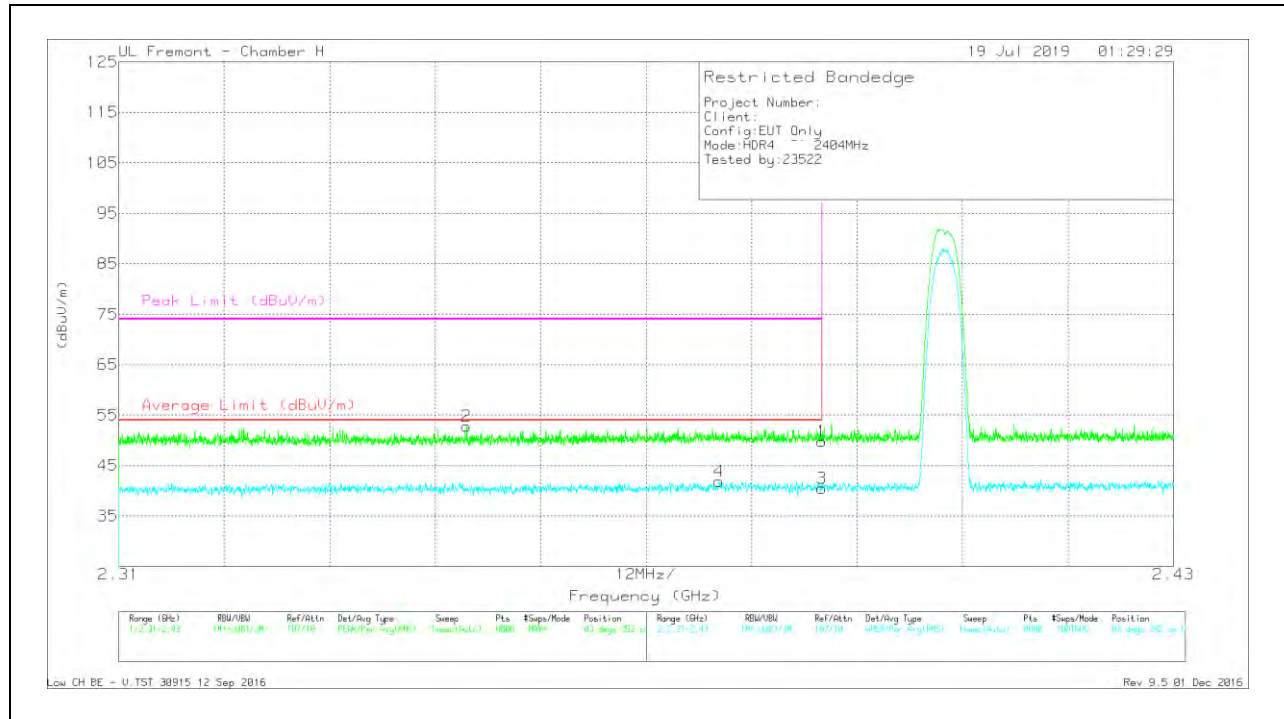
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1	* 2.39	43.53	Pk	32.3	-26.2	49.63	-	-	74	-24.37	23	130	H
2	* 2.384	46.42	Pk	32.3	-26.3	52.42	-	-	74	-21.58	23	130	H
3	* 2.39	34.53	RMS	32.3	-26.2	40.63	54	-13.37	-	-	23	130	H
4	* 2.369	35.54	RMS	32.2	-26.3	41.44	54	-12.56	-	-	23	130	H

* - 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 T863 (dB/m)	Amp/Cb/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	41.18	Pk	32.1	-23.5	49.78	-	-	74	-24.22	83	392	V
2	* 2.35	44.46	Pk	31.9	-23.6	52.76	-	-	74	-21.24	83	392	V
3	* 2.39	31.86	RMS	32.1	-23.5	40.46	54	-13.54	-	-	83	392	V
4	* 2.378	33.2	RMS	32.2	-23.5	41.9	54	-12.1	-	-	83	392	V

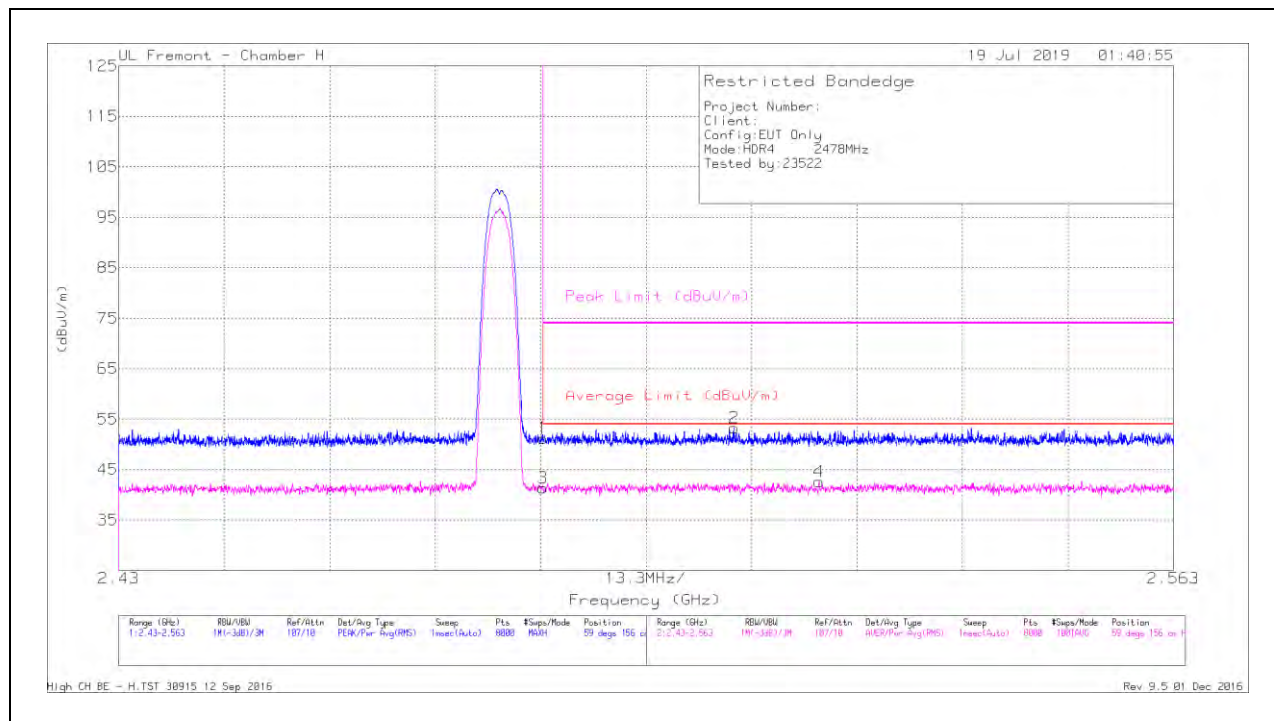
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



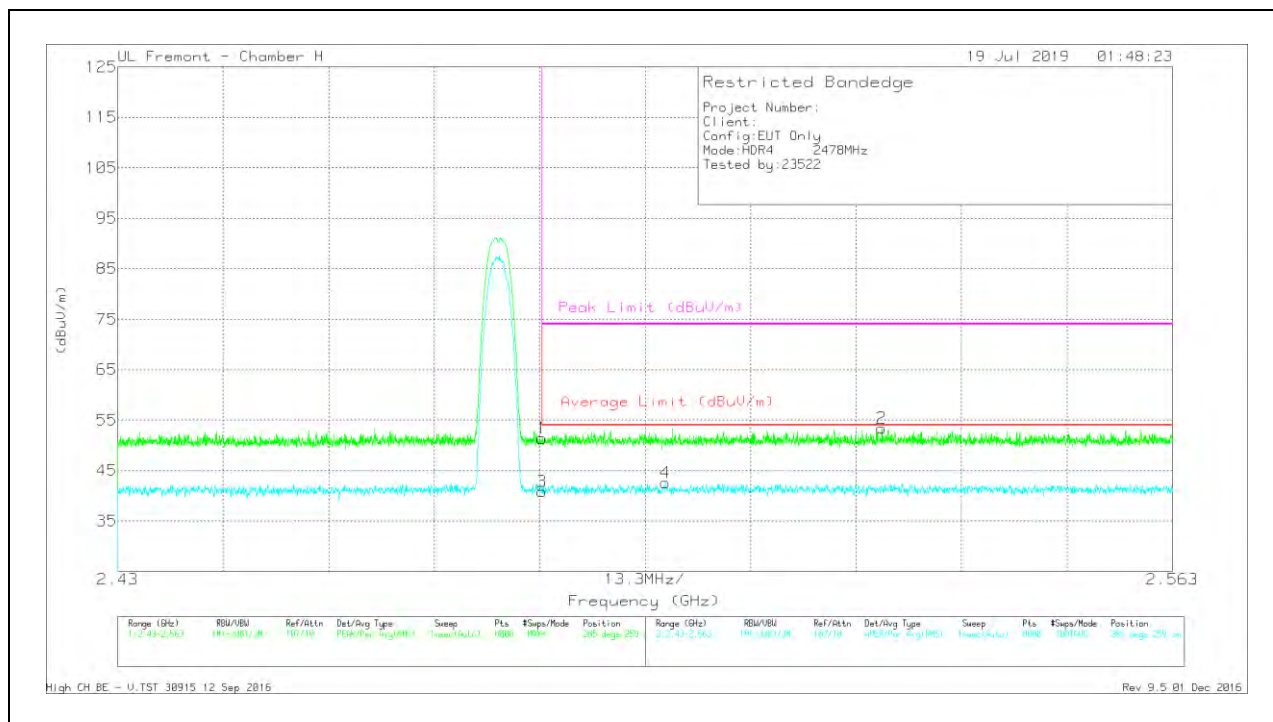
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.02	Pk	32.5	-23.3	51.22	-	-	74	-22.78	59	156	H
3	* 2.484	32.14	RMS	32.5	-23.3	41.34	54	-12.66	-	-	59	156	H
2	2.508	43.84	Pk	32.6	-23.2	53.24	-	-	74	-20.76	59	156	H
4	2.518	33.23	RMS	32.6	-23.2	42.63	54	-11.37	-	-	59	156	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 T863 (dB/m)	Amp/Cb/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	* 2.484	42.15	Pk	32.5	-23.3	51.35	-	-	74	-22.65	285	259	V
3	* 2.484	31.66	RMS	32.5	-23.3	40.86	54	-13.14	-	-	285	259	V
4	* 2.499	33.34	RMS	32.5	-23.3	42.54	54	-11.46	-	-	285	259	V
2	2.526	43.88	Pk	32.6	-23.1	53.38	-	-	74	-20.62	285	259	V

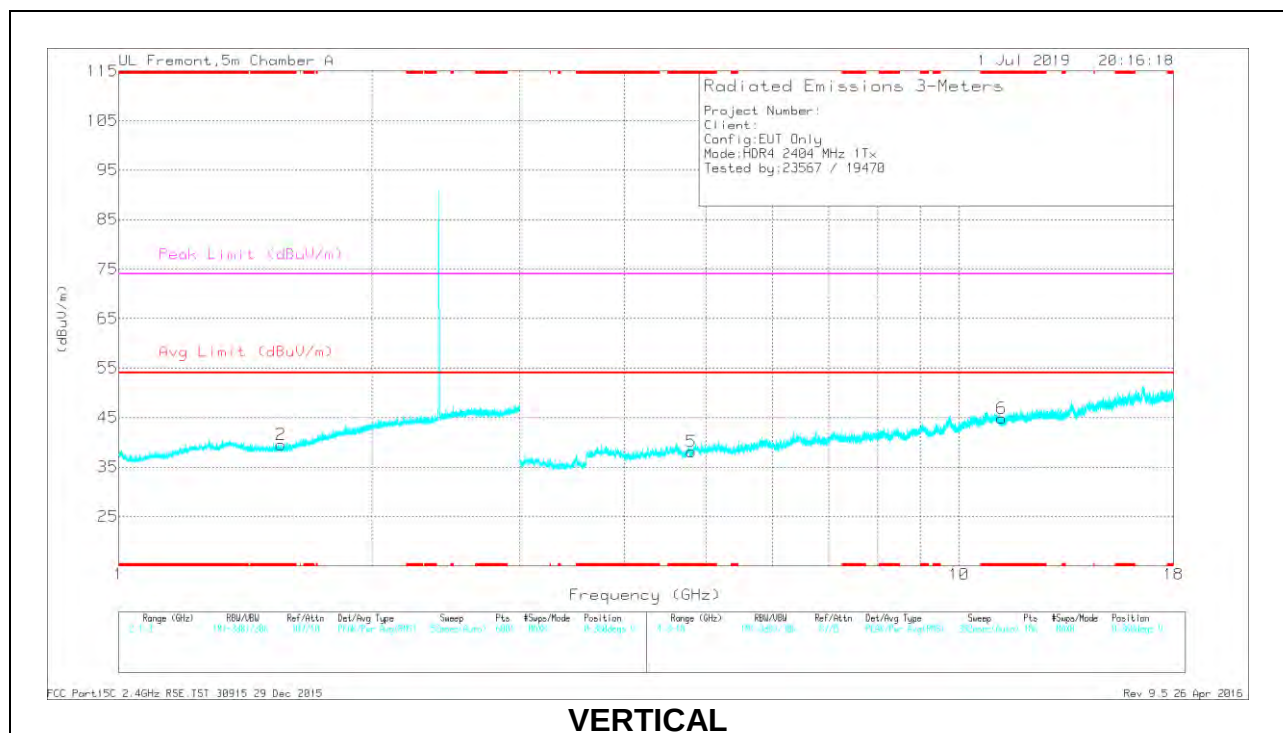
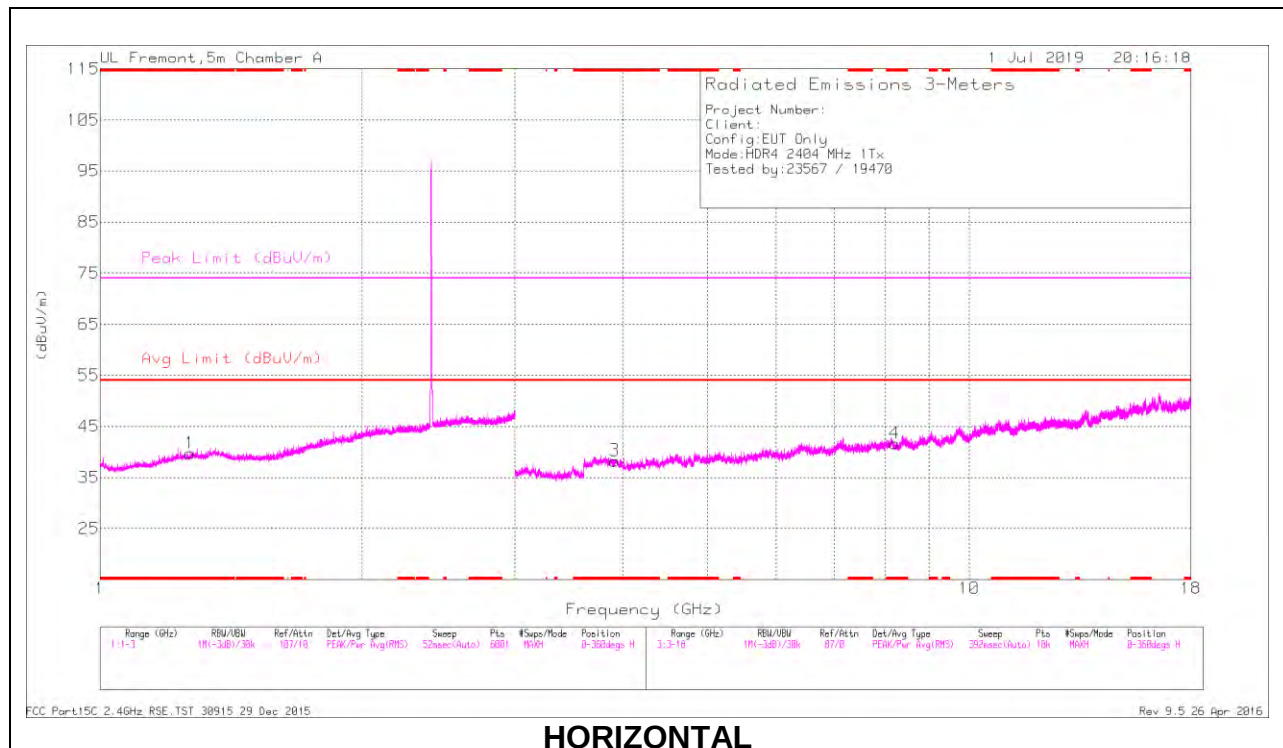
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

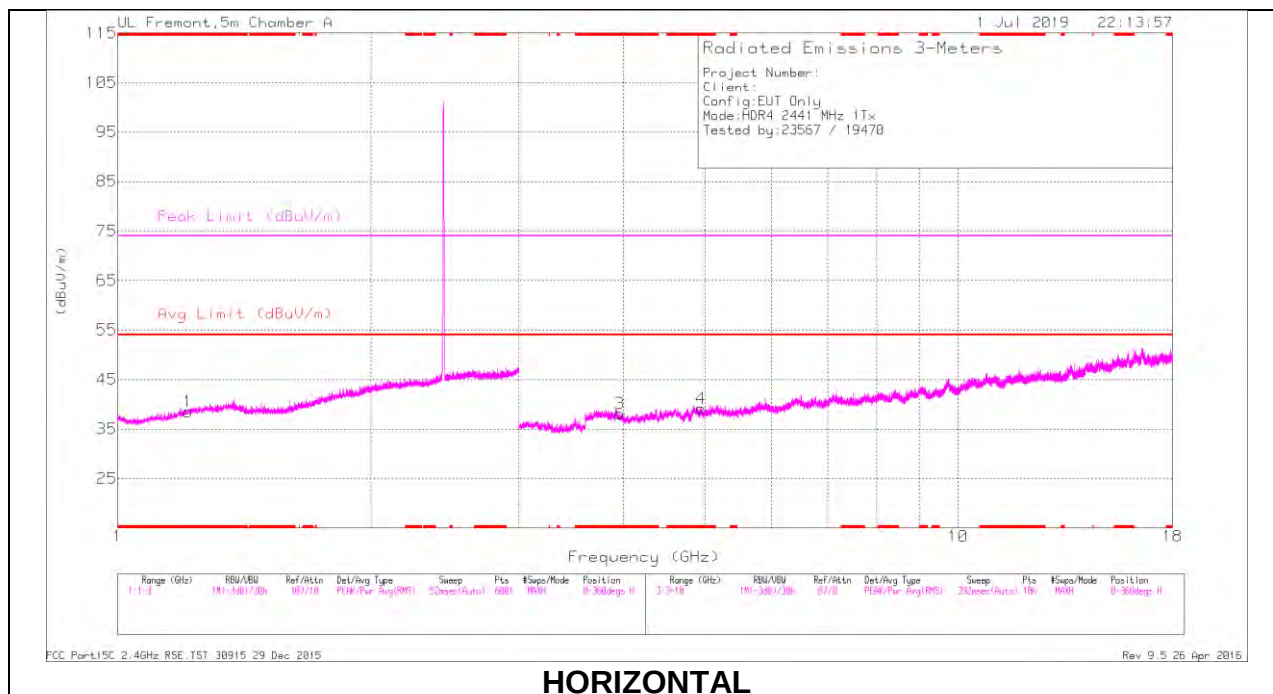
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.27	43.1	PK2	29	-24.6	47.5	-	-	74	-26.5	0	200	H
	* 1.27	31.26	MAv1	29	-24.6	35.66	54	-18.34	-	-	0	200	H
2	* 1.56	42.13	PK2	28	-24	46.13	-	-	74	-27.87	0	200	V
	* 1.558	31.35	MAv1	28	-24	35.35	54	-18.65	-	-	0	200	V
3	* 3.912	39.86	PK2	33.6	-28.2	45.26	-	-	74	-28.74	0	200	H
	* 3.914	29.59	MAv1	33.6	-28.2	34.99	54	-19.01	-	-	0	200	H
4	* 8.213	34.98	PK2	35.9	-22.1	48.78	-	-	74	-25.22	0	200	H
	* 8.214	24.58	MAv1	35.9	-22.1	38.38	54	-15.62	-	-	0	200	H
5	* 4.809	38.01	PK2	34.3	-26.6	45.71	-	-	74	-28.29	0	200	V
	* 4.808	27.39	MAv1	34.3	-26.6	35.09	54	-18.91	-	-	0	200	V
6	* 11.239	33.36	PK2	38	-19.5	51.86	-	-	74	-22.14	0	200	V
	* 11.242	22.9	MAv1	38	-19.5	41.4	54	-12.6	-	-	0	200	V

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

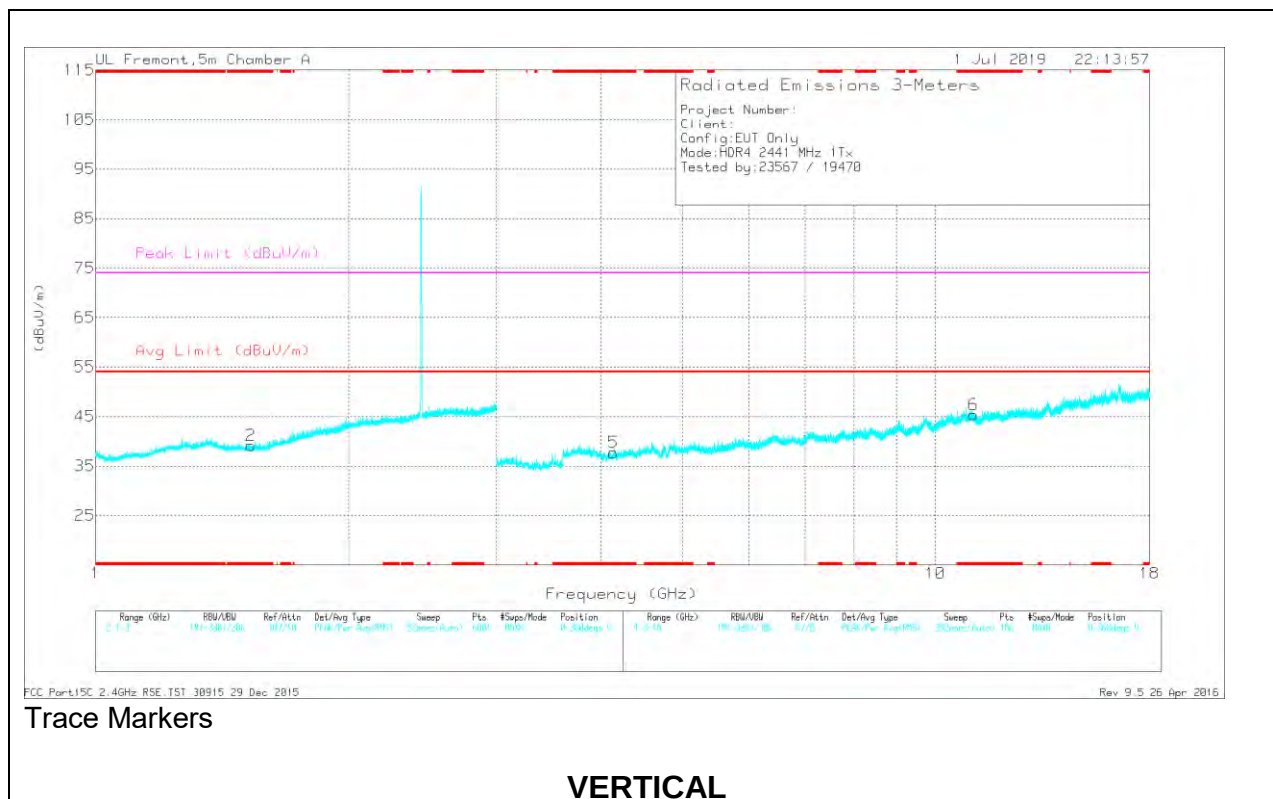
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL