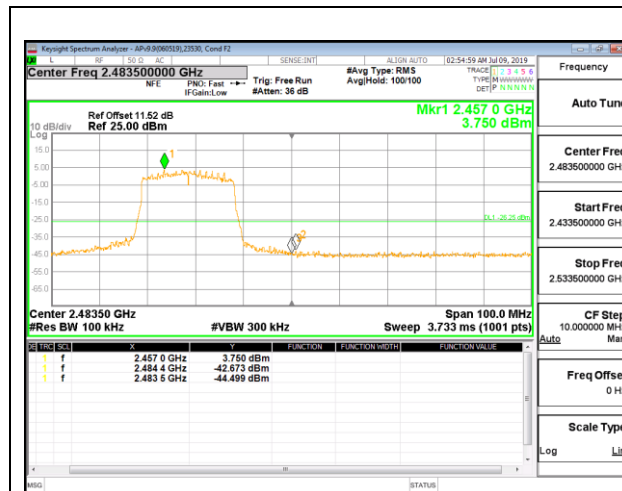
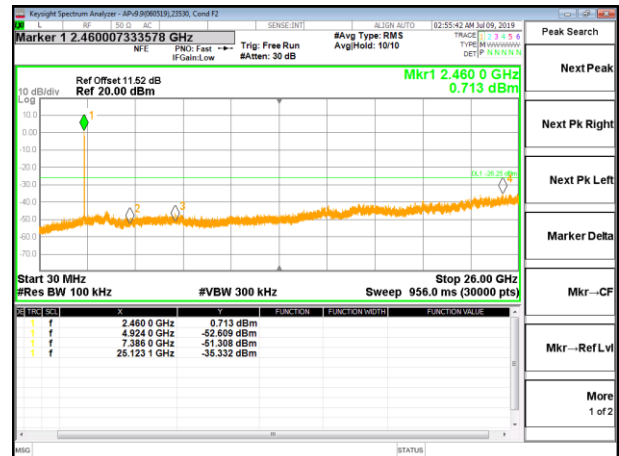
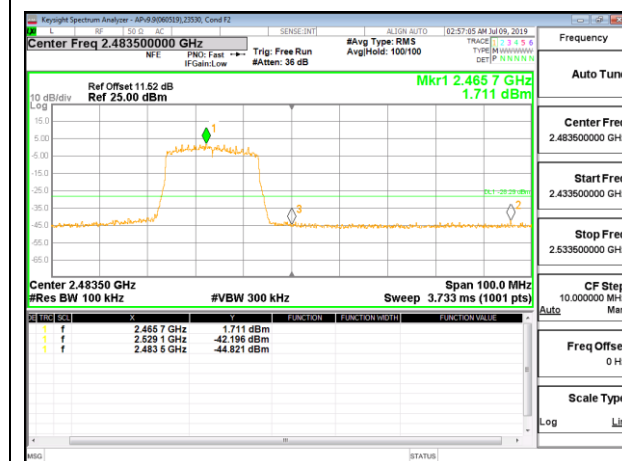




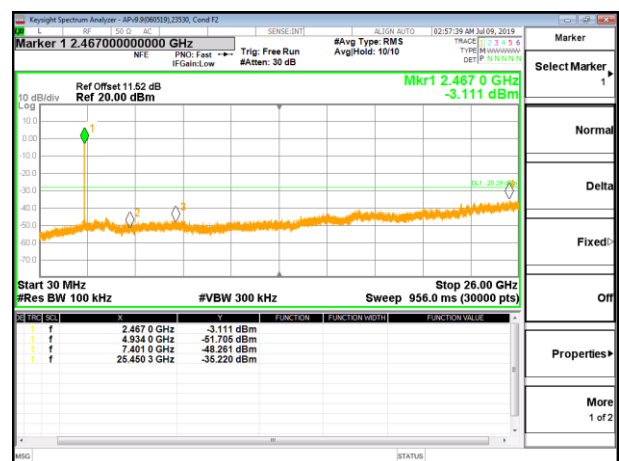
HIGH CHANNEL 11 BANDEDGE ANT 5



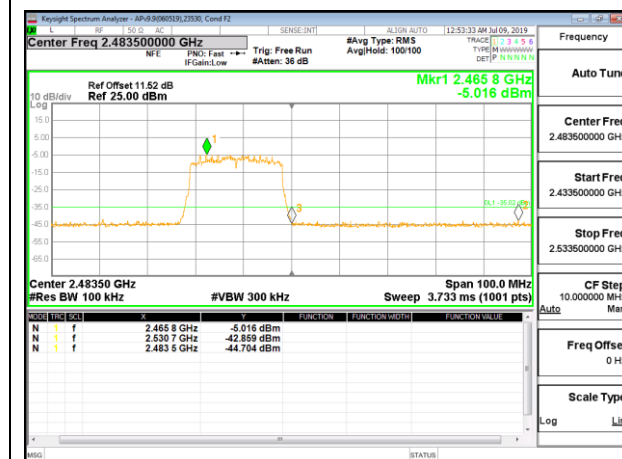
OUT-OF-BAND HIGH CHANNEL 11 ANT 5



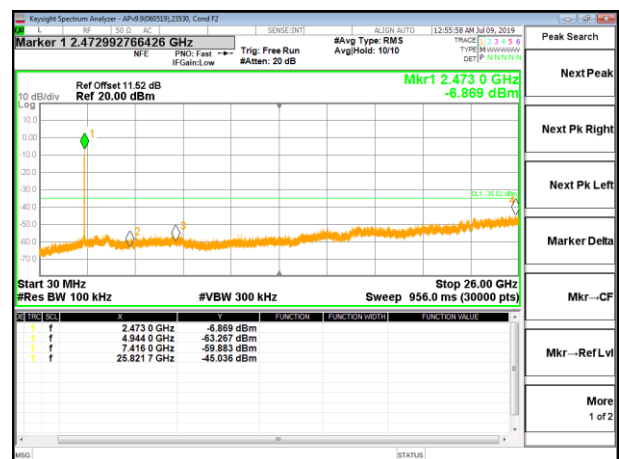
HIGH CHANNEL 12 BANDEDGE ANT 5



OUT-OF-BAND HIGH CHANNEL 12 ANT 5



HIGH CHANNEL 13 BANDEDGE ANT 5



OUT-OF-BAND HIGH CHANNEL 13 ANT 5

9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10

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

TEST PROCEDURE

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

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

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

For final 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.

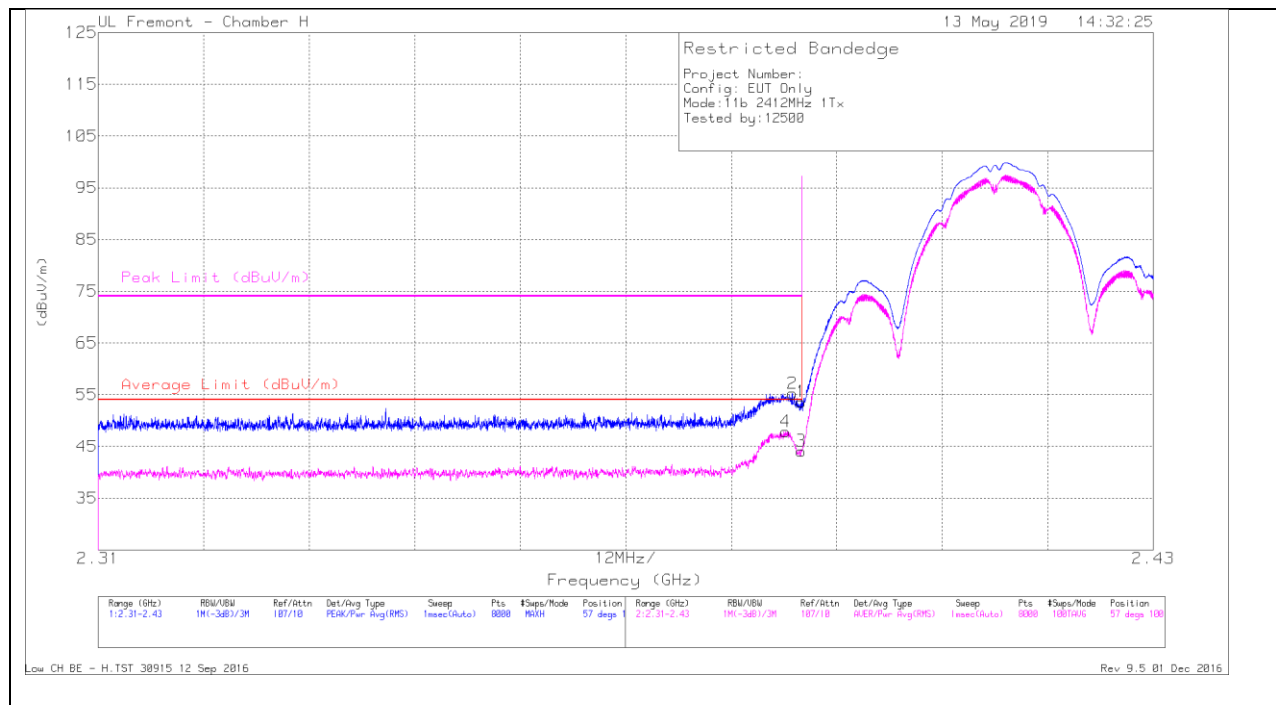
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/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	45.51	Pk	31.6	-23.5	53.61	-	-	74	-20.39	57	100	H
2	* 2.389	47.13	Pk	31.6	-23.5	55.23	-	-	74	-18.77	57	100	H
3	* 2.39	35.99	RMS	31.6	-23.5	44.09	54	-9.91	-	-	57	100	H
4	* 2.388	39.75	RMS	31.6	-23.5	47.85	54	-6.15	-	-	57	100	H

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

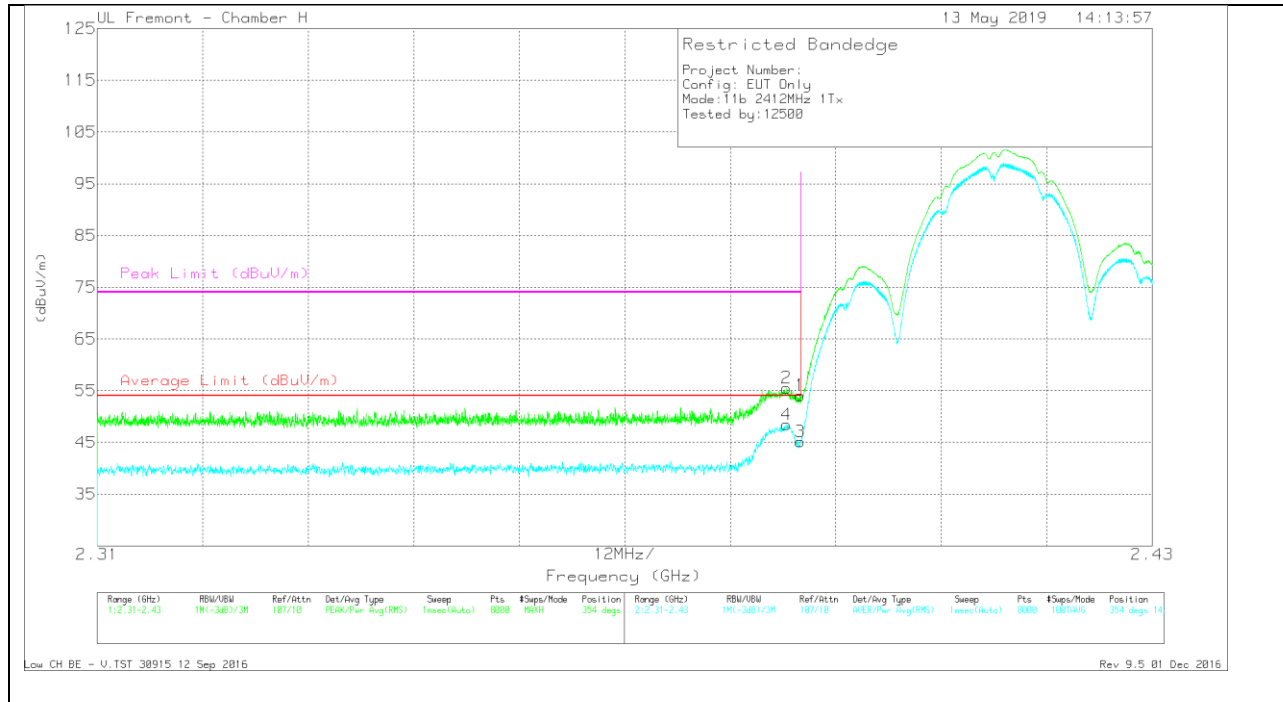
Pk - Peak detector

RMS - RMS detection

Low CH BE - H.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtz/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	45.98	Pk	31.6	-23.5	54.08	-	-	74	-19.92	354	142	V
2	* 2.388	47.43	Pk	31.6	-23.5	55.53	-	-	74	-18.47	354	142	V
3	* 2.39	37.05	RMS	31.6	-23.5	45.15	54	-8.85	-	-	354	142	V
4	* 2.388	40.35	RMS	31.6	-23.5	48.45	54	-5.55	-	-	354	142	V

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

Pk - Peak detector

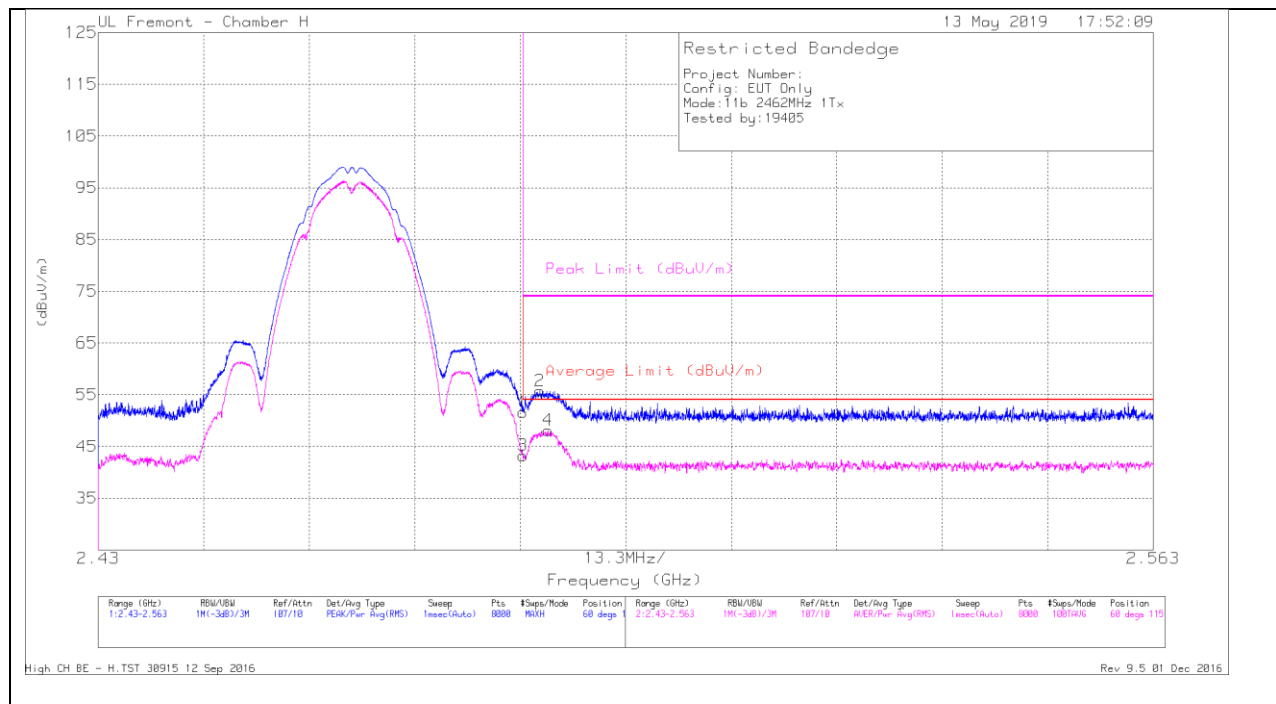
RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	42.6	Pk	32.3	-23.3	51.6	-	-	74	-22.4	60	115	H
2	* 2.486	46.73	Pk	32.3	-23.3	55.73	-	-	74	-18.27	60	115	H
3	* 2.484	34.28	RMS	32.3	-23.3	43.28	54	-10.72	-	-	60	115	H
4	* 2.487	39.13	RMS	32.3	-23.3	48.13	54	-5.87	-	-	60	115	H

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

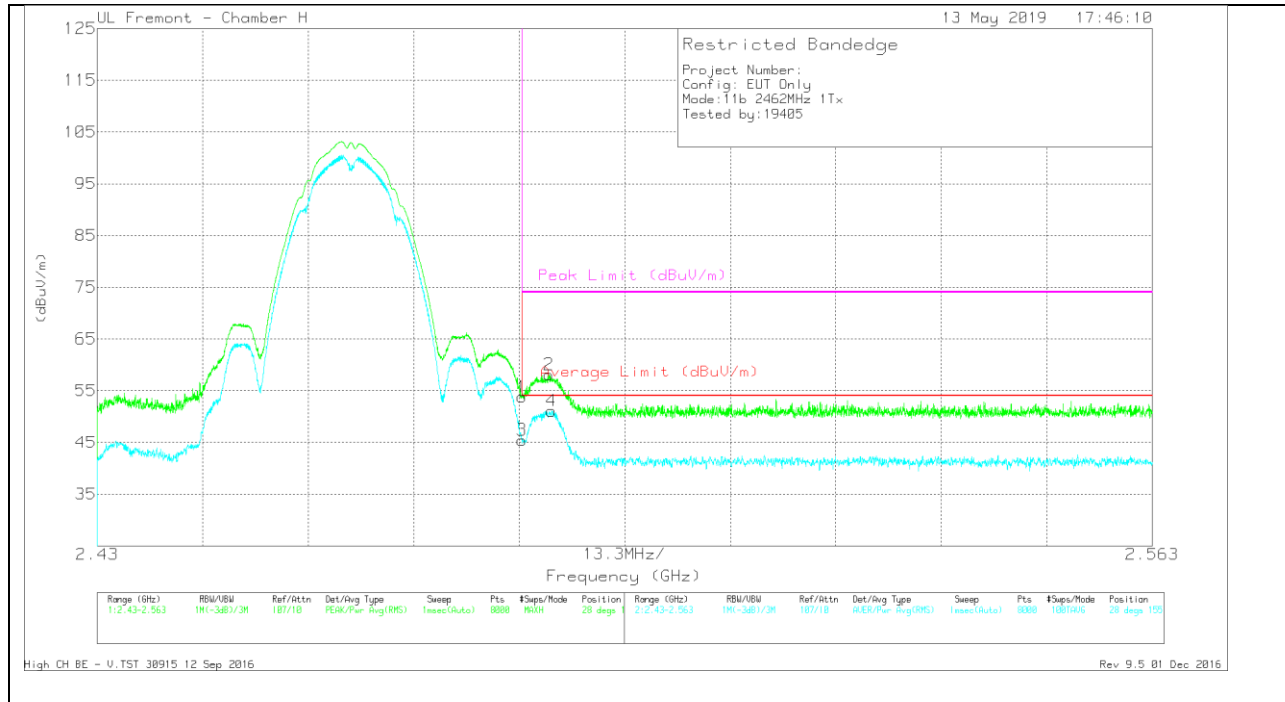
Pk - Peak detector

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 T136 (dB/m)	Amp/Cb/Ftr/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	44.78	Pk	32.3	-23.3	53.78	-	-	74	-20.22	28	155	V
2	* 2.487	49.09	Pk	32.3	-23.3	58.09	-	-	74	-15.91	28	155	V
3	* 2.484	36.45	RMS	32.3	-23.3	45.45	54	-8.55	-	-	28	155	V
4	* 2.487	42.08	RMS	32.3	-23.3	51.08	54	-2.92	-	-	28	155	V

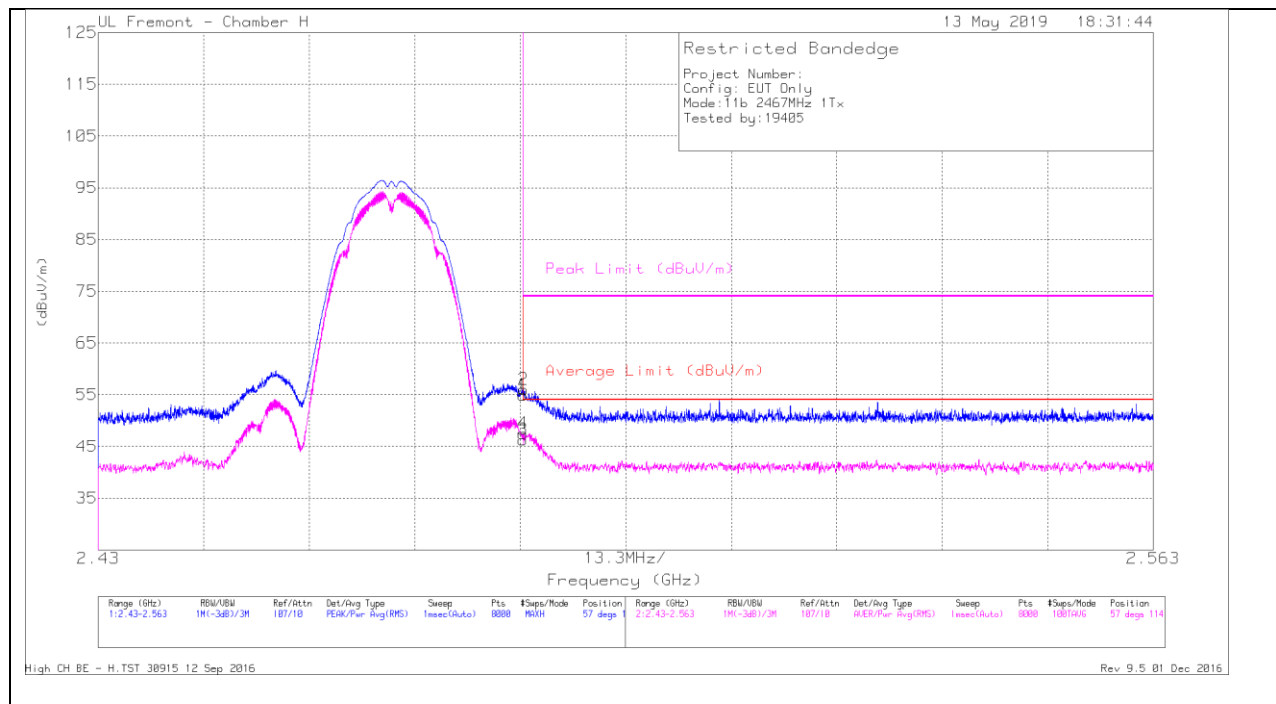
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 12)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/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	45.98	Pk	32.3	-23.3	54.98	-	-	74	-19.02	57	114	H
2	* 2.484	47	Pk	32.3	-23.3	56	-	-	74	-18	57	114	H
3	* 2.484	37.32	RMS	32.3	-23.3	46.32	54	-7.68	-	-	57	114	H
4	* 2.484	38.48	RMS	32.3	-23.3	47.48	54	-6.52	-	-	57	114	H

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

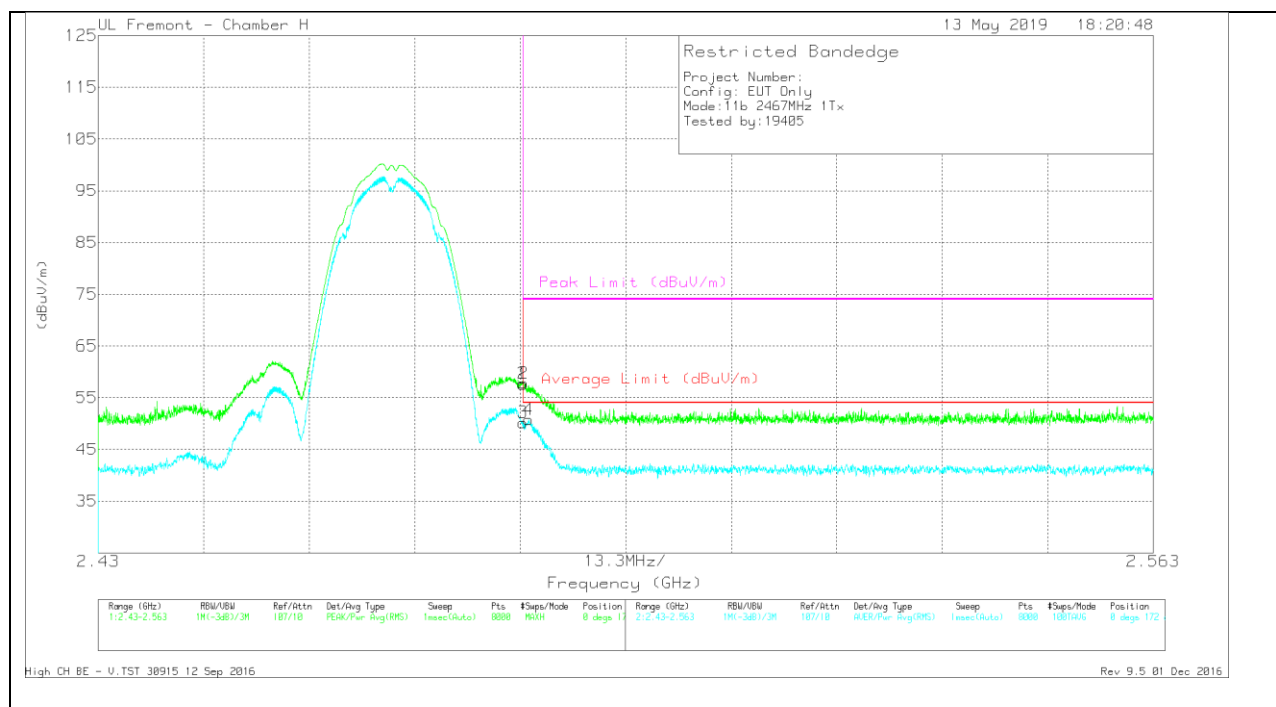
Pk - Peak detector

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 T136 (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	48.63	Pk	32.3	-23.3	57.63	-	-	74	-16.37	0	172	V
2	* 2.484	48.81	Pk	32.3	-23.3	57.81	-	-	74	-16.19	0	172	V
3	* 2.484	41.2	RMS	32.3	-23.3	50.2	54	-3.8	-	-	0	172	V
4	* 2.484	41.74	RMS	32.3	-23.3	50.74	54	-3.26	-	-	0	172	V

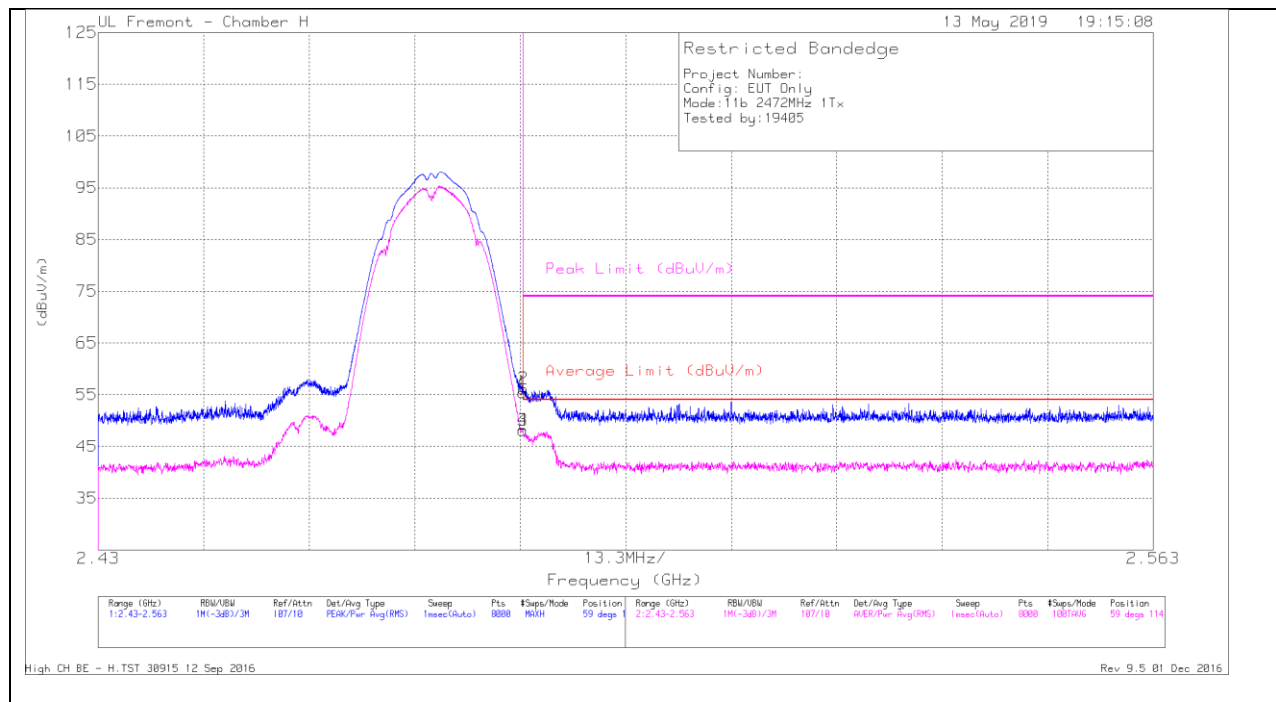
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.4	Pk	32.3	-23.3	55.4	-	-	74	-18.6	59	114	H
2	* 2.484	47.15	Pk	32.3	-23.3	56.15	-	-	74	-17.85	59	114	H
3	* 2.484	39.11	RMS	32.3	-23.3	48.11	54	-5.89	-	-	59	114	H
4	* 2.484	39.17	RMS	32.3	-23.3	48.17	54	-5.83	-	-	59	114	H

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

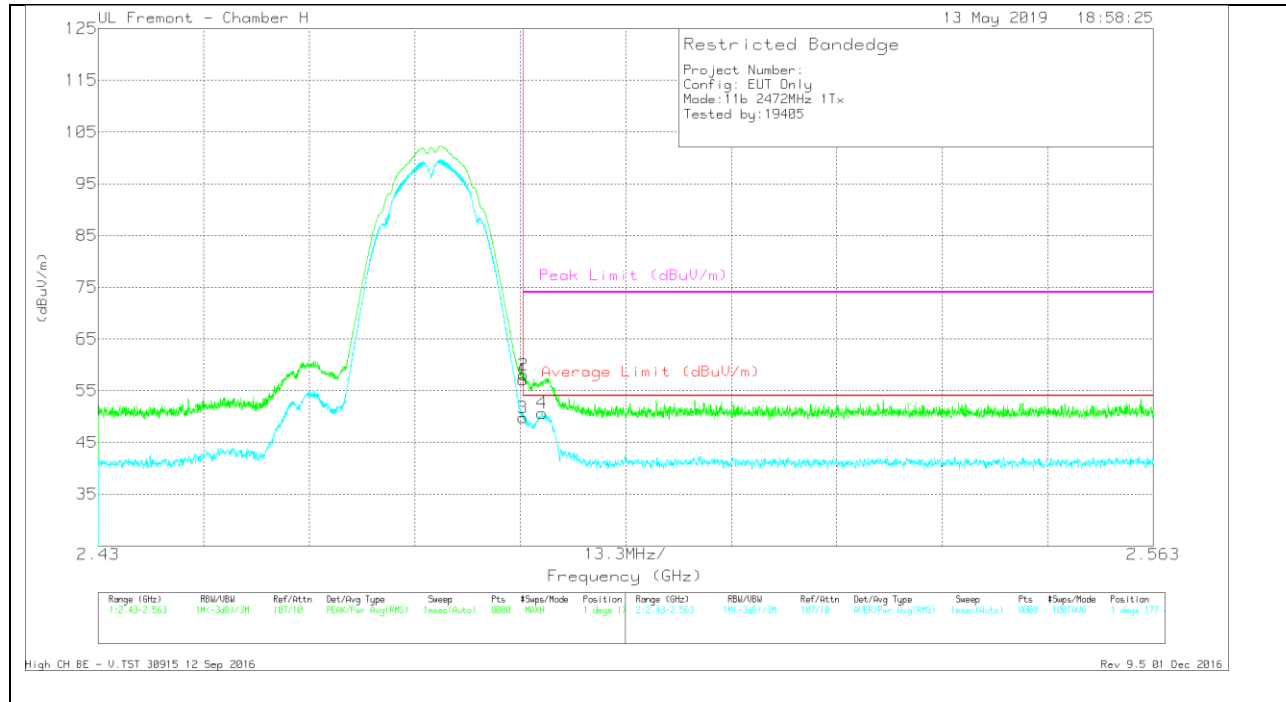
Pk - Peak detector

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 T136 (dB/m)	Amp/Cb/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	48.16	Pk	32.3	-23.3	57.16	-	-	74	-16.84	1	177	V
2	* 2.484	49.05	Pk	32.3	-23.3	58.05	-	-	74	-15.95	1	177	V
3	* 2.484	40.78	RMS	32.3	-23.3	49.78	54	-4.22	-	-	1	177	V
4	* 2.486	41.68	RMS	32.3	-23.3	50.68	54	-3.32	-	-	1	177	V

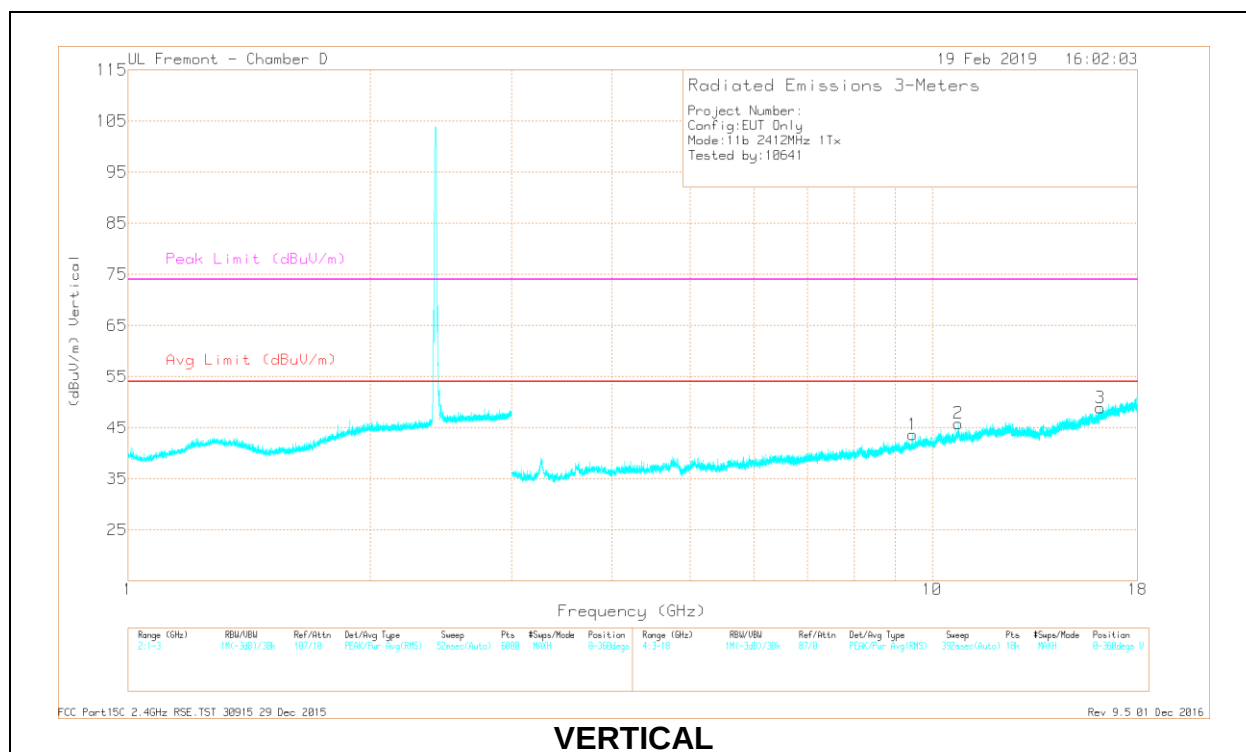
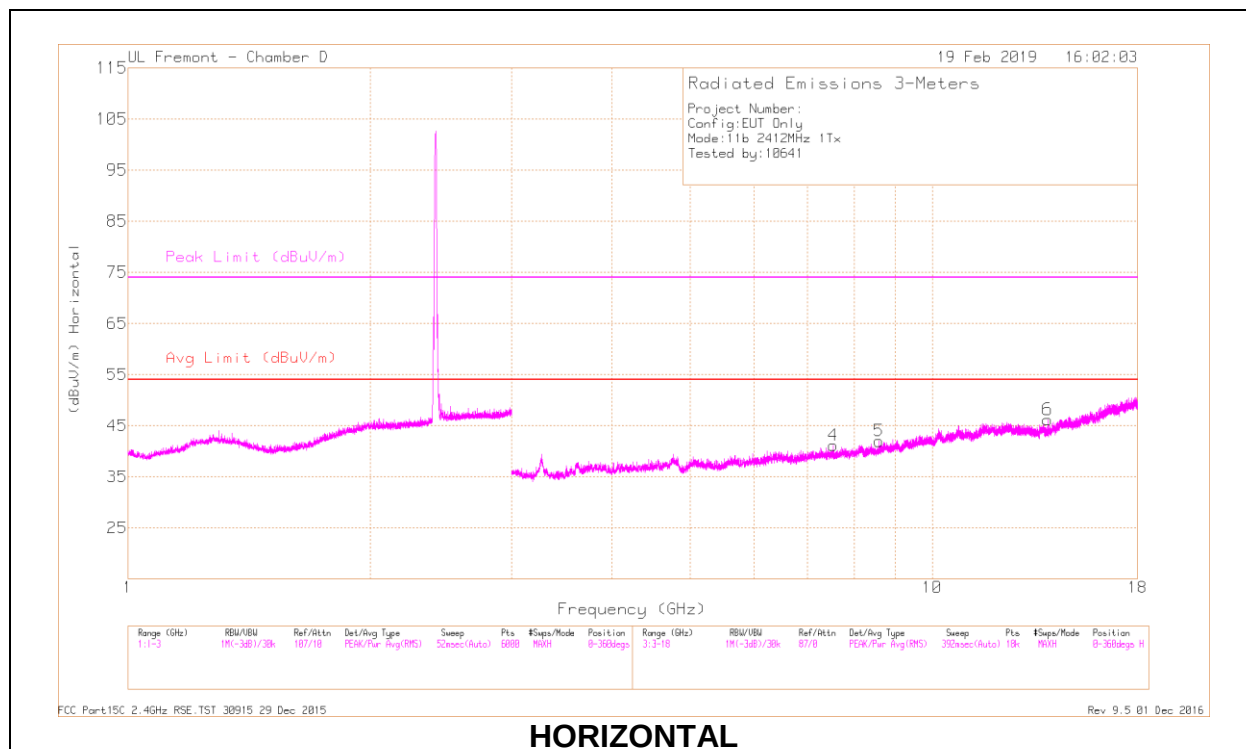
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL, CH 1 RESULTS**

RADIATED EMISSIONS

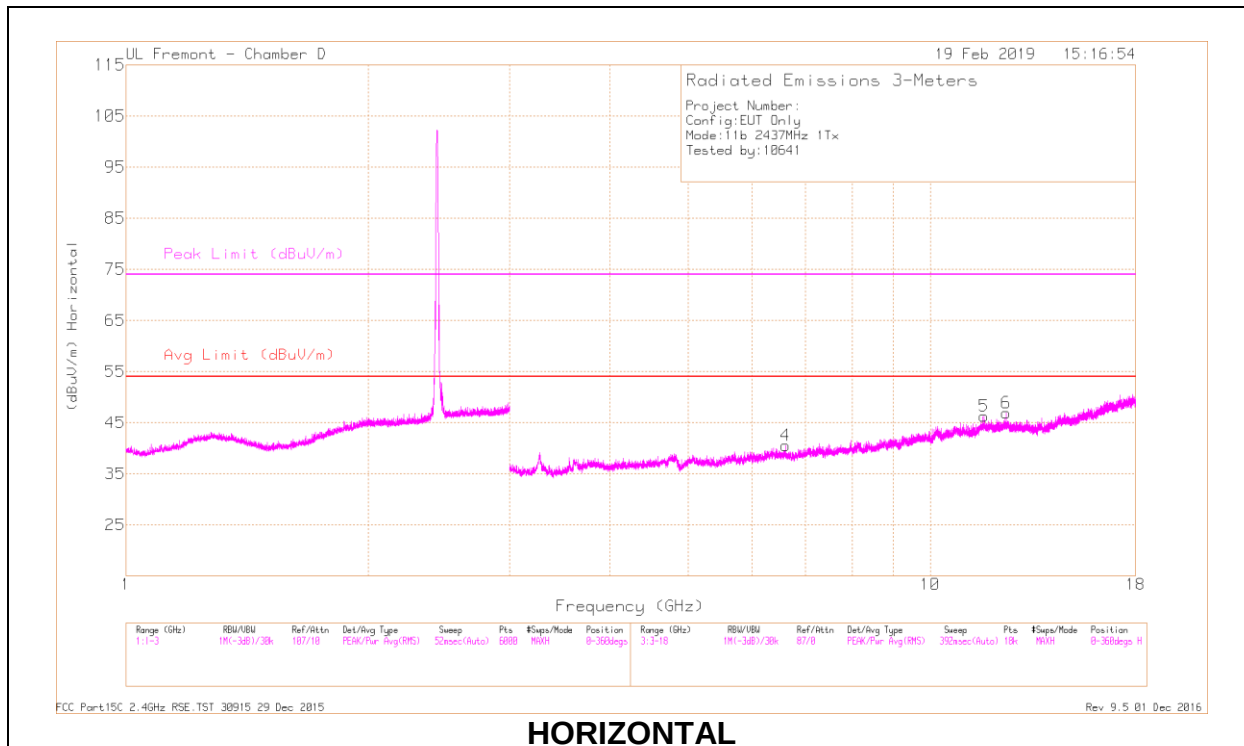
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.454	34.52	PK2	36.6	-21.7	49.42	-	-	74	-24.58	249	314	V
	* 9.455	22.46	MAv1	36.6	-21.7	37.36	54	-16.64	-	-	249	314	V
2	* 10.778	33.89	PK2	38	-20.8	51.09	-	-	74	-22.91	259	375	V
	* 10.779	22.55	MAv1	38	-20.8	39.75	54	-14.25	-	-	259	375	V
3	* 16.179	34.63	PK2	40.6	-20.2	55.03	-	-	74	-18.97	263	375	V
	* 16.177	22.94	MAv1	40.6	-20.1	43.44	54	-10.56	-	-	263	375	V
4	* 7.527	36.48	PK2	35.8	-25.1	47.18	-	-	74	-26.82	343	204	H
	* 7.528	24.65	MAv1	35.8	-25.1	35.35	54	-18.65	-	-	343	204	H
5	8.586	35.07	PK2	35.9	-23.4	47.57	-	-	-	-	9	361	H
6	13.917	35.85	PK2	38.8	-23.5	51.15	-	-	-	-	0	127	H

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

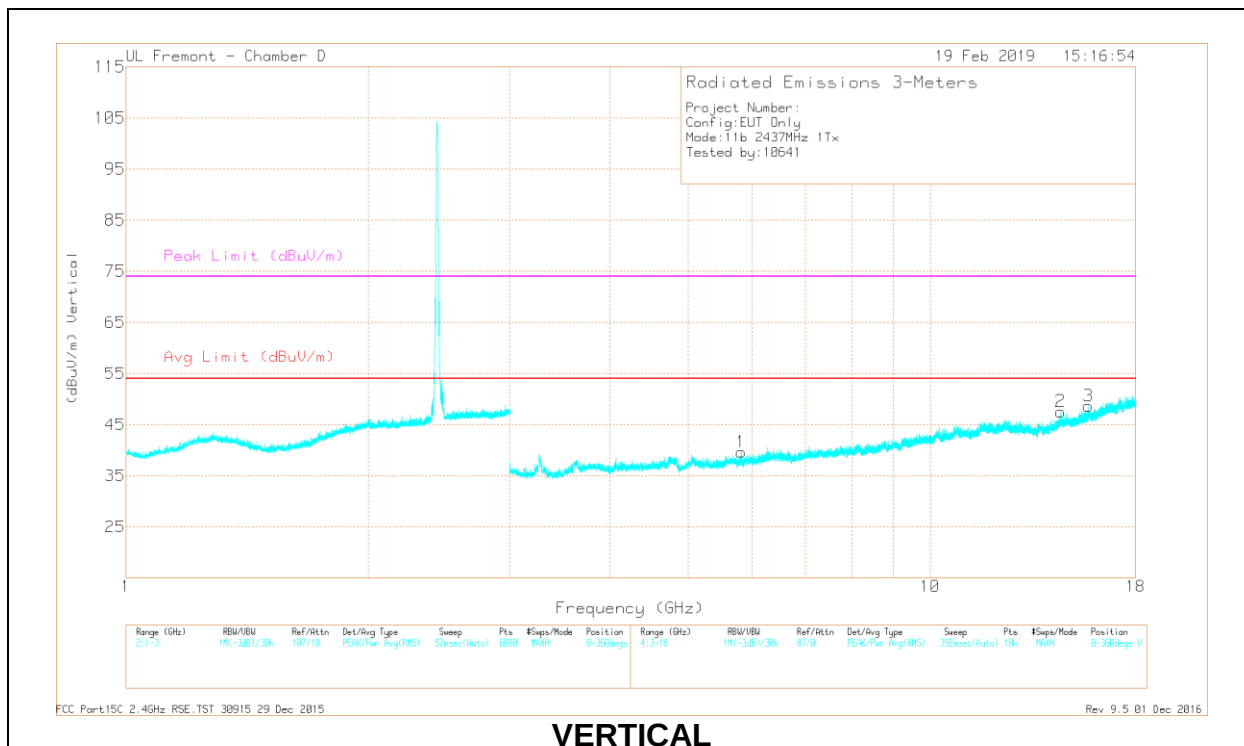
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.822	38.89	PK2	35	-27	46.89	-	-	-	-	29	225	V
2	14.522	36.13	PK2	39.9	-23.1	52.93	-	-	-	-	319	178	V
3	* 15.724	35.08	PK2	40.2	-20.4	54.88	-	-	74	-19.12	47	106	V
	* 15.724	23.16	MAv1	40.2	-20.4	42.96	54	-11.04	-	-	47	106	V
4	6.608	37.36	PK2	35.5	-25.4	47.46	-	-	-	-	198	168	H
5	* 11.66	34.24	PK2	38.8	-20.8	52.24	-	-	74	-21.76	202	242	H
	* 11.659	22.9	MAv1	38.8	-20.9	40.8	54	-13.2	-	-	202	242	H
6	* 12.425	35.51	PK2	39.1	-21.8	52.81	-	-	74	-21.19	206	361	H
	* 12.427	23.15	MAv1	39.1	-21.8	40.45	54	-13.55	-	-	206	361	H

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

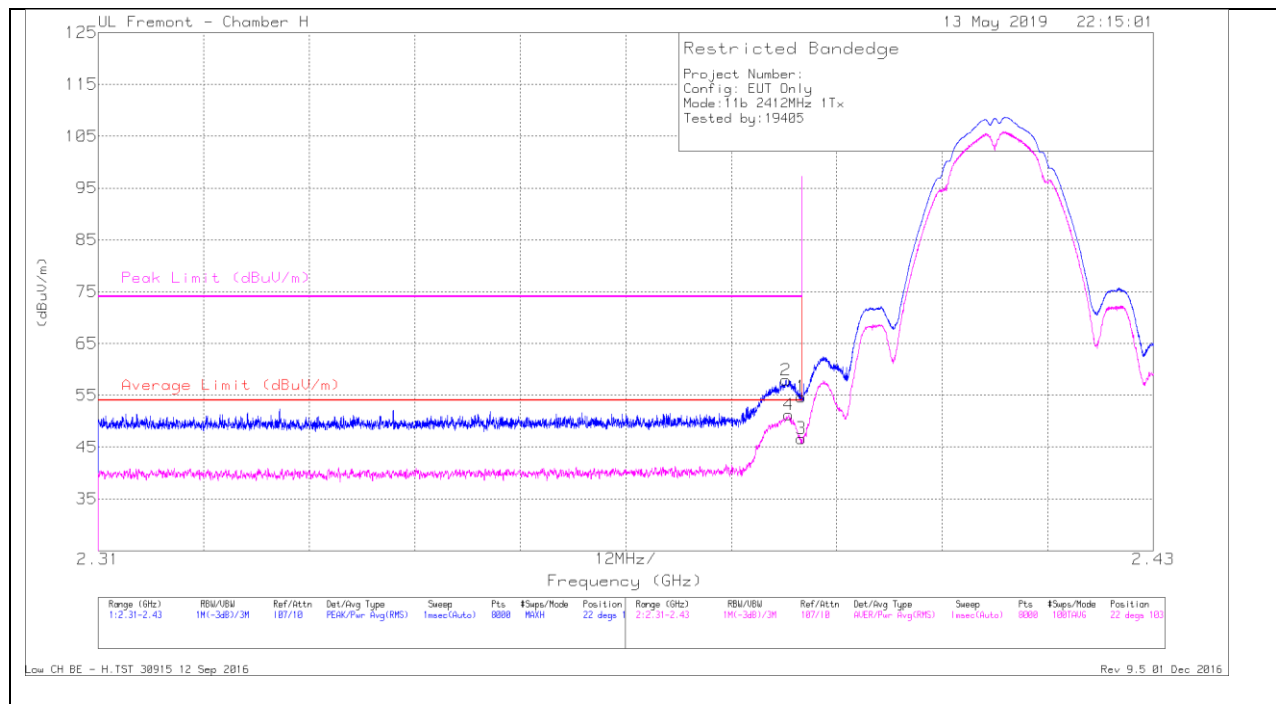
RADIATED EMISSIONS

Markers	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.383	35.33	PK2	35.8	-22.9	48.23	-	-	74	-25.77	52	314	H
	* 8.383	23.65	MAv1	35.8	-22.9	36.55	54	-17.45	-	-	52	314	H
2	* 5.043	37.49	PK2	34.3	-26.2	45.59	-	-	74	-28.41	178	247	H
	* 5.041	26.07	MAv1	34.3	-26.3	34.07	54	-19.93	-	-	178	247	H
3	16.526	34.13	PK2	41.3	-19.8	55.63	-	-	-	-	300	370	H
4	5.63	38.13	PK2	34.8	-26.4	46.53	-	-	-	-	224	190	V
5	* 7.289	35.94	PK2	35.7	-24.8	46.84	-	-	74	-27.16	133	352	V
	* 7.289	24.69	MAv1	35.7	-24.8	35.59	54	-18.41	-	-	133	352	V
6	* 11.653	34.77	PK2	38.8	-21.2	52.37	-	-	74	-21.63	83	110	V
	* 11.652	22.9	MAv1	38.8	-21.2	40.5	54	-13.5	-	-	83	110	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

1TX Antenna 5 MODE**BANDEDGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	46.61	Pk	31.6	-23.5	54.71	-	-	74	-19.29	22	103	H
2	* 2.388	49.84	Pk	31.6	-23.5	57.94	-	-	74	-16.06	22	103	H
3	* 2.39	38.54	RMS	31.6	-23.5	46.64	54	-7.36	-	-	22	103	H
4	* 2.389	43.13	RMS	31.6	-23.5	51.23	54	-2.77	-	-	22	103	H

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

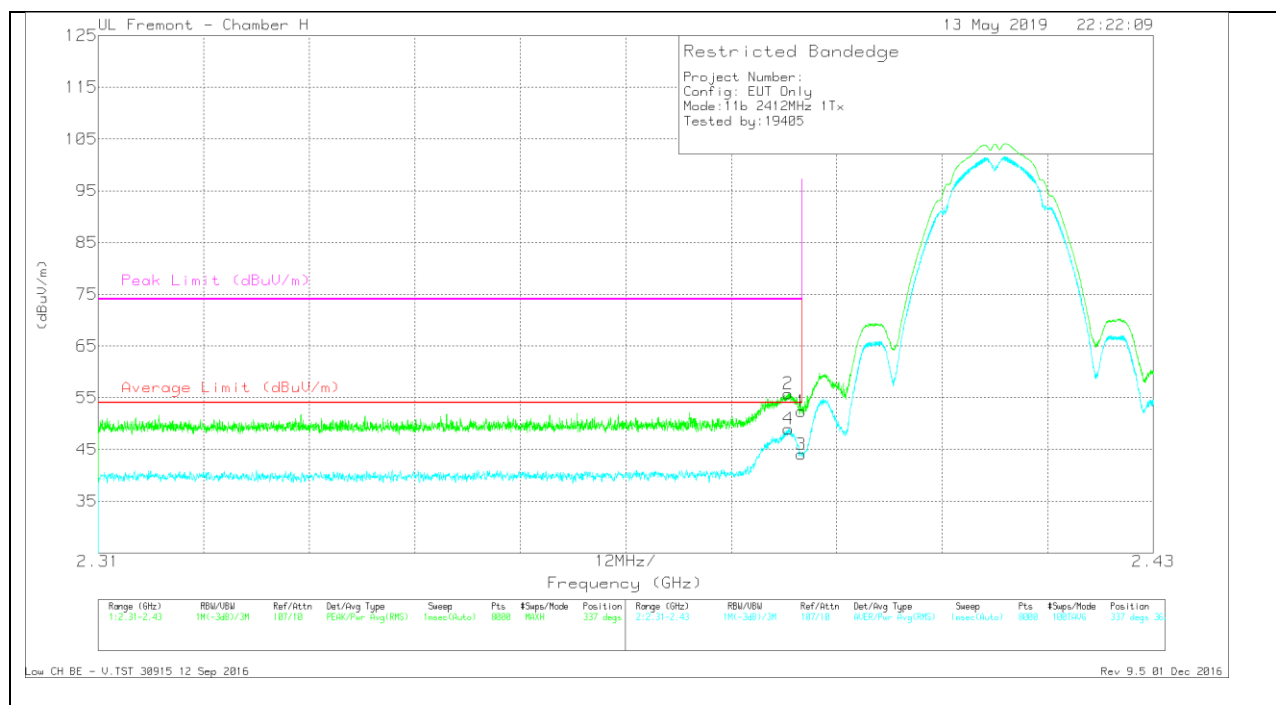
Pk - Peak detector

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 T136 (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	44.25	Pk	31.6	-23.5	52.35	-	-	74	-21.65	337	362	V
2	* 2.388	47.69	Pk	31.6	-23.5	55.79	-	-	74	-18.21	337	362	V
3	* 2.39	35.97	RMS	31.6	-23.5	44.07	54	-9.93	-	-	337	362	V
4	* 2.389	40.87	RMS	31.6	-23.5	48.97	54	-5.03	-	-	337	362	V

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

Pk - Peak detector

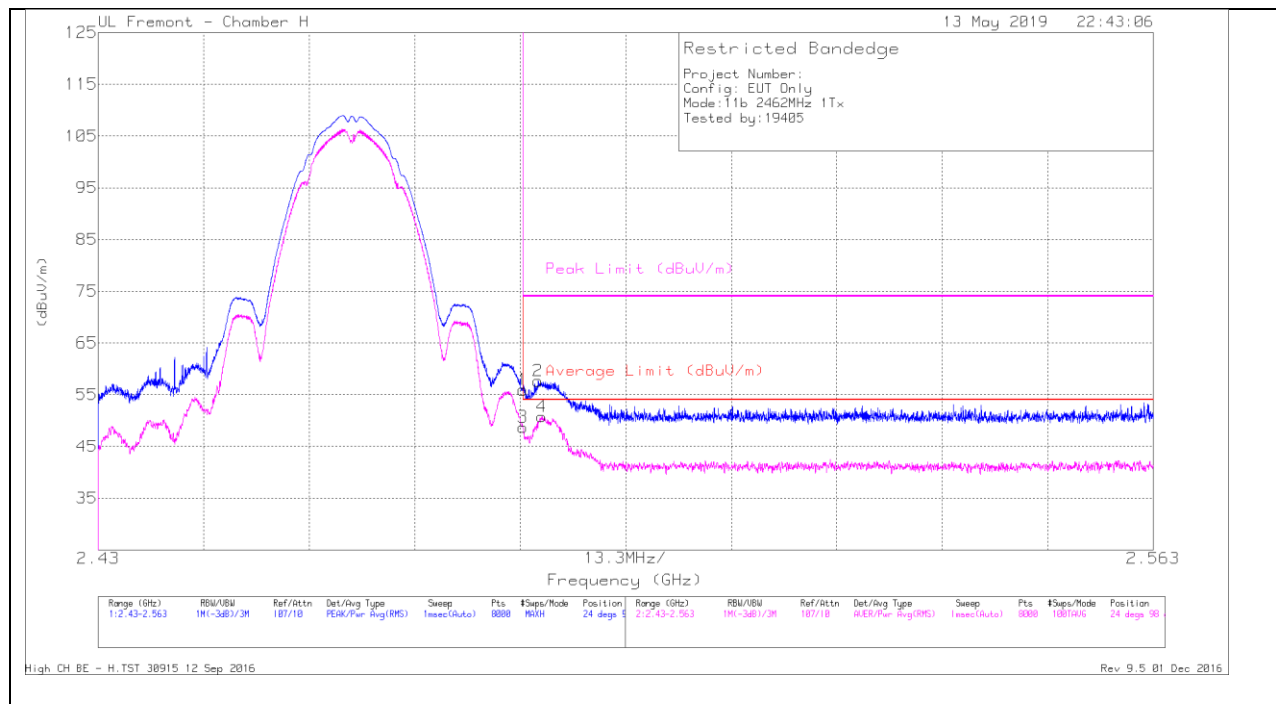
RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/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	46.95	Pk	32.3	-23.3	55.95	-	-	74	-18.05	24	98	H
2	* 2.485	48.66	Pk	32.3	-23.3	57.66	-	-	74	-16.34	24	98	H
3	* 2.484	39.72	RMS	32.3	-23.3	48.72	54	-5.28	-	-	24	98	H
4	* 2.486	41.76	RMS	32.3	-23.3	50.76	54	-3.24	-	-	24	98	H

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

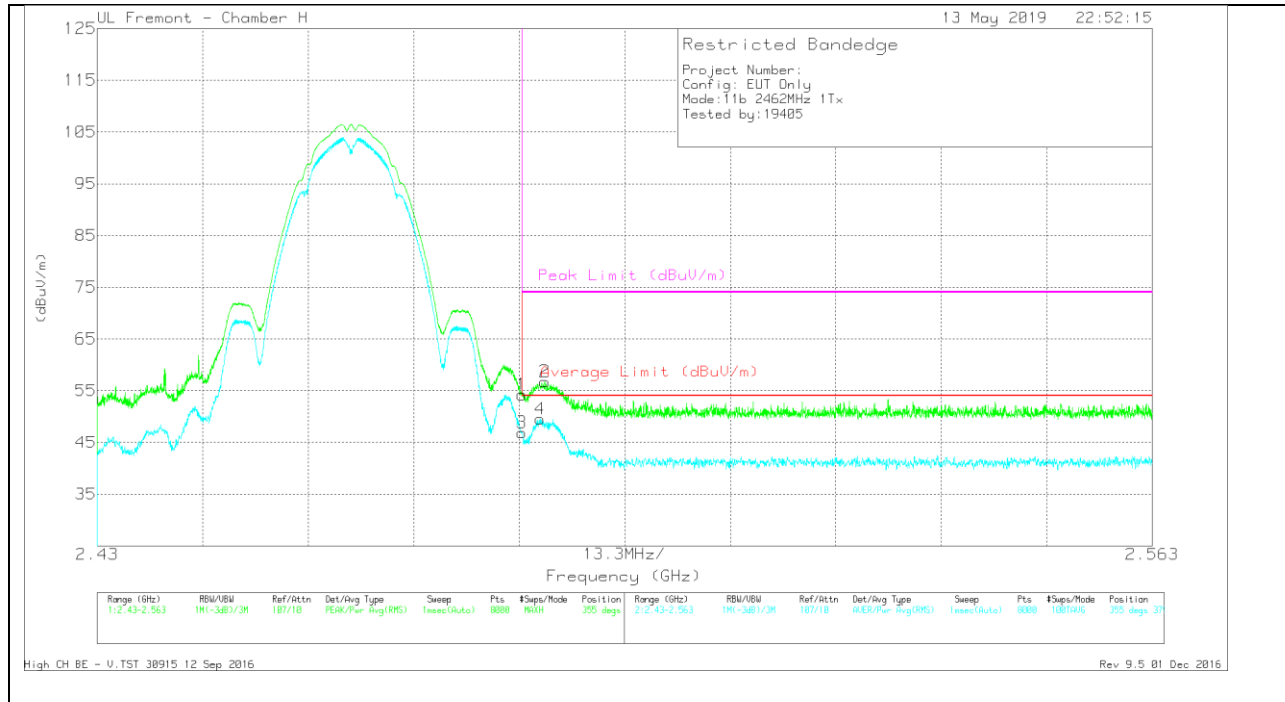
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.24	Pk	32.3	-23.3	54.24	-	-	74	-19.76	355	379	V
2	* 2.486	47.77	Pk	32.3	-23.3	56.77	-	-	74	-17.23	355	379	V
3	* 2.484	37.87	RMS	32.3	-23.3	46.87	54	-7.13	-	-	355	379	V
4	* 2.486	40.54	RMS	32.3	-23.3	49.54	54	-4.46	-	-	355	379	V

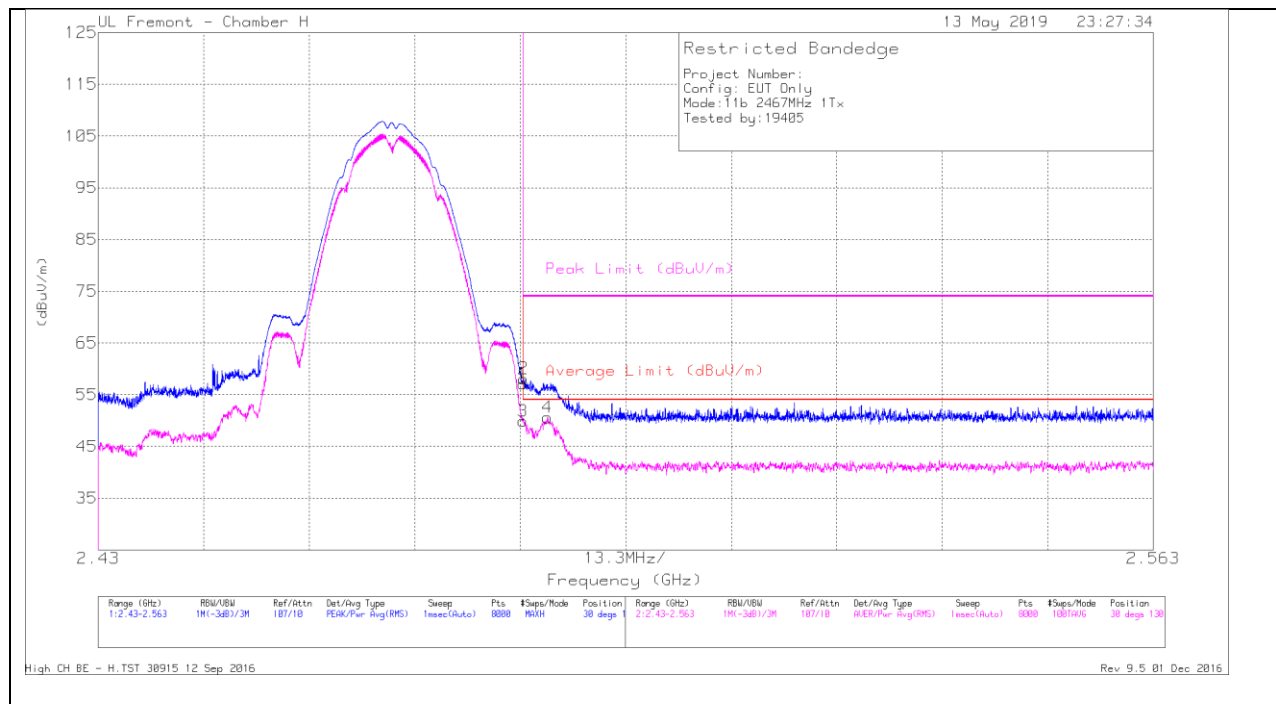
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 12)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Ftr/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	48.15	Pk	32.3	-23.3	57.15	-	-	74	-16.85	30	130	H
2	* 2.484	49.1	Pk	32.3	-23.3	58.1	-	-	74	-15.9	30	130	H
3	* 2.484	40.88	RMS	32.3	-23.3	49.88	54	-4.12	-	-	30	130	H
4	* 2.487	41.6	RMS	32.3	-23.3	50.6	54	-3.4	-	-	30	130	H

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

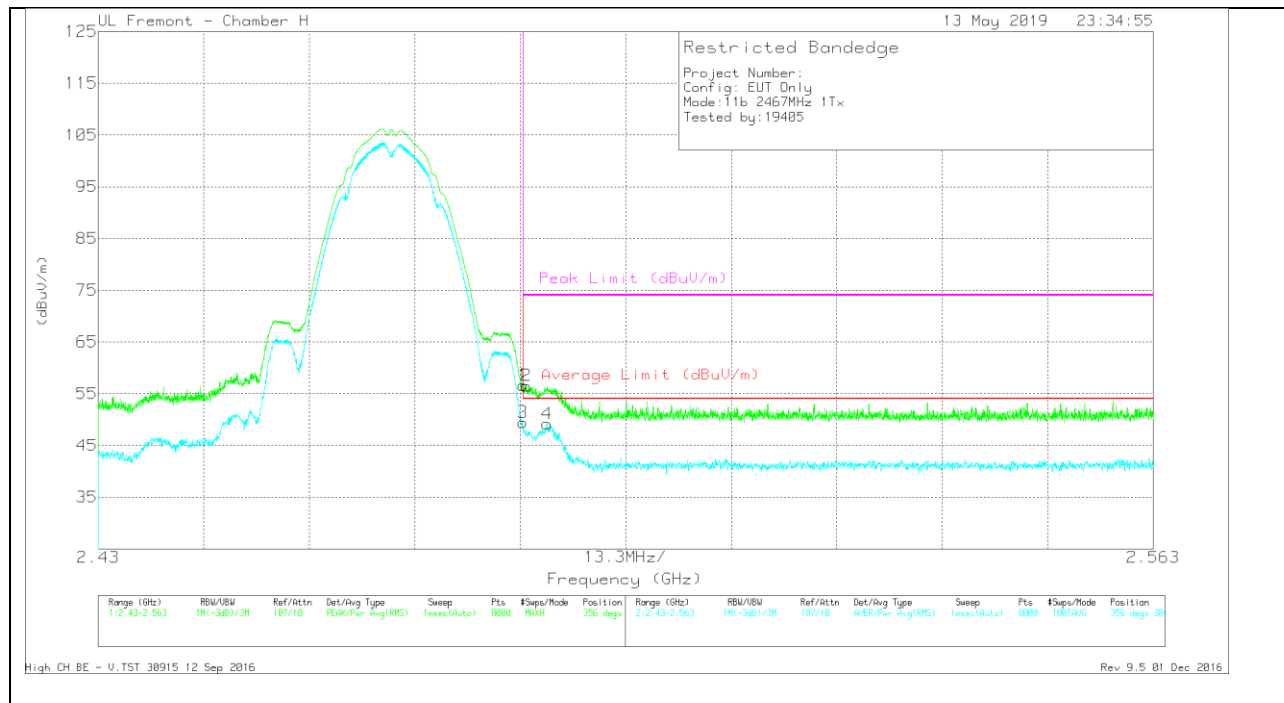
Pk - Peak detector

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 T136 (dB/m)	Ampl/Cbl/Filt/r/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	47.63	Pk	32.3	-23.3	56.63	-	-	74	-17.37	356	380	V
2	* 2.484	47.54	Pk	32.3	-23.3	56.54	-	-	74	-17.46	356	380	V
3	* 2.484	40.44	RMS	32.3	-23.3	49.44	54	-4.56	-	-	356	380	V
4	* 2.487	40.17	RMS	32.3	-23.3	49.17	54	-4.83	-	-	356	380	V

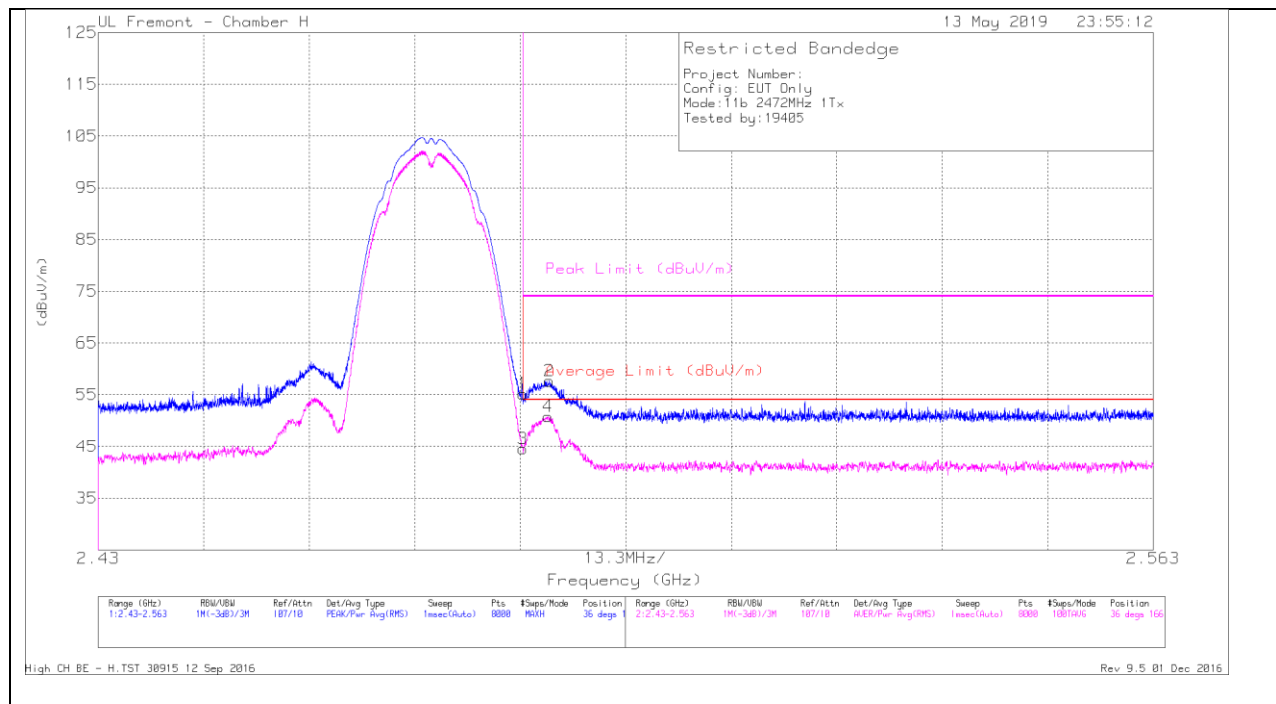
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	46.19	Pk	32.3	-23.3	55.19	-	-	74	-18.81	36	166	H
2	* 2.487	48.65	Pk	32.3	-23.3	57.65	-	-	74	-16.35	36	166	H
3	* 2.484	35.54	RMS	32.3	-23.3	44.54	54	-9.46	-	-	36	166	H
4	* 2.487	41.78	RMS	32.3	-23.3	50.78	54	-3.22	-	-	36	166	H

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

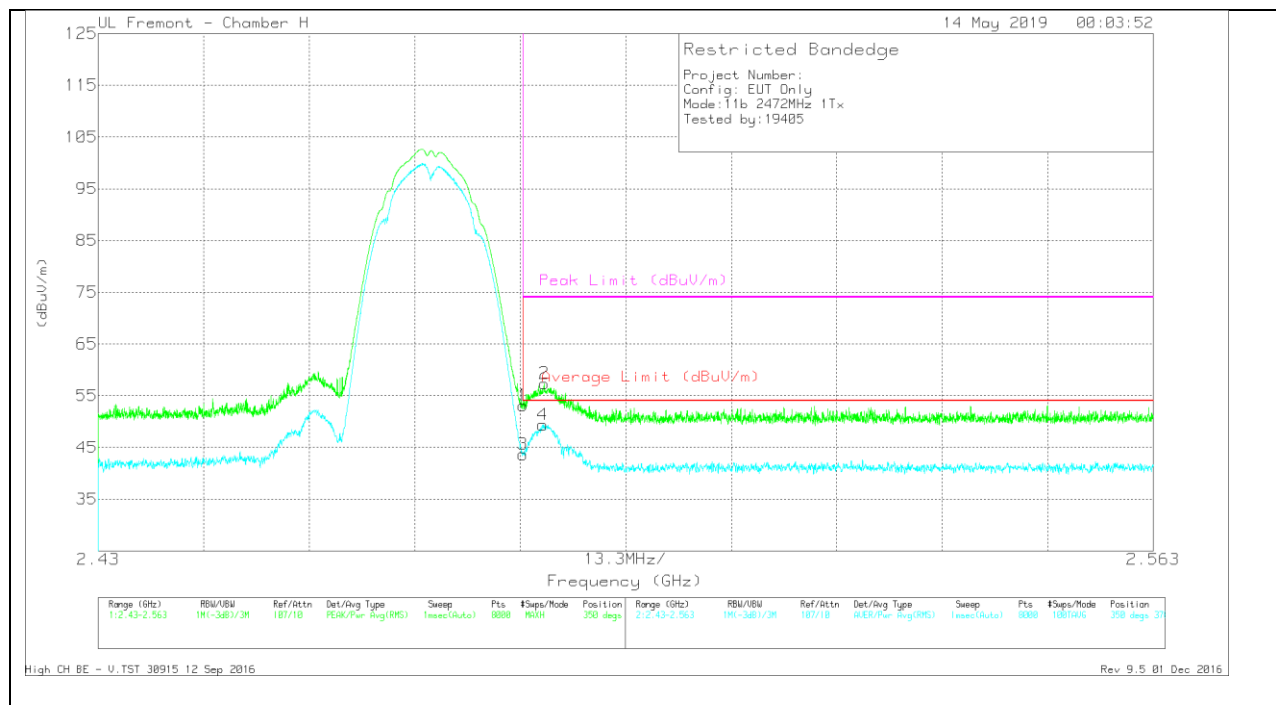
Pk - Peak detector

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 T136 (dB/m)	Ampl/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.12	Pk	32.3	-23.3	53.12	-	-	74	-20.88	350	376	V
2	* 2.486	48.38	Pk	32.3	-23.3	57.38	-	-	74	-16.62	350	376	V
3	* 2.484	34.66	RMS	32.3	-23.3	43.66	54	-10.34	-	-	350	376	V
4	* 2.486	40.38	RMS	32.3	-23.3	49.38	54	-4.62	-	-	350	376	V

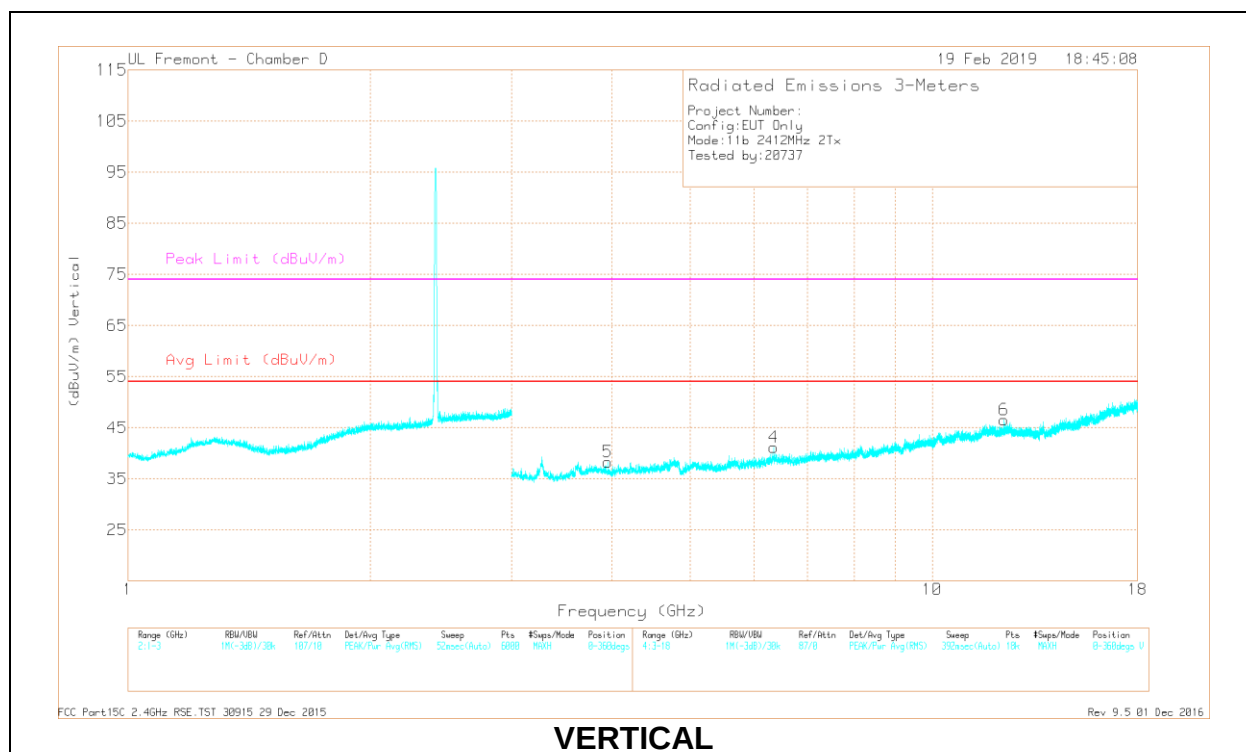
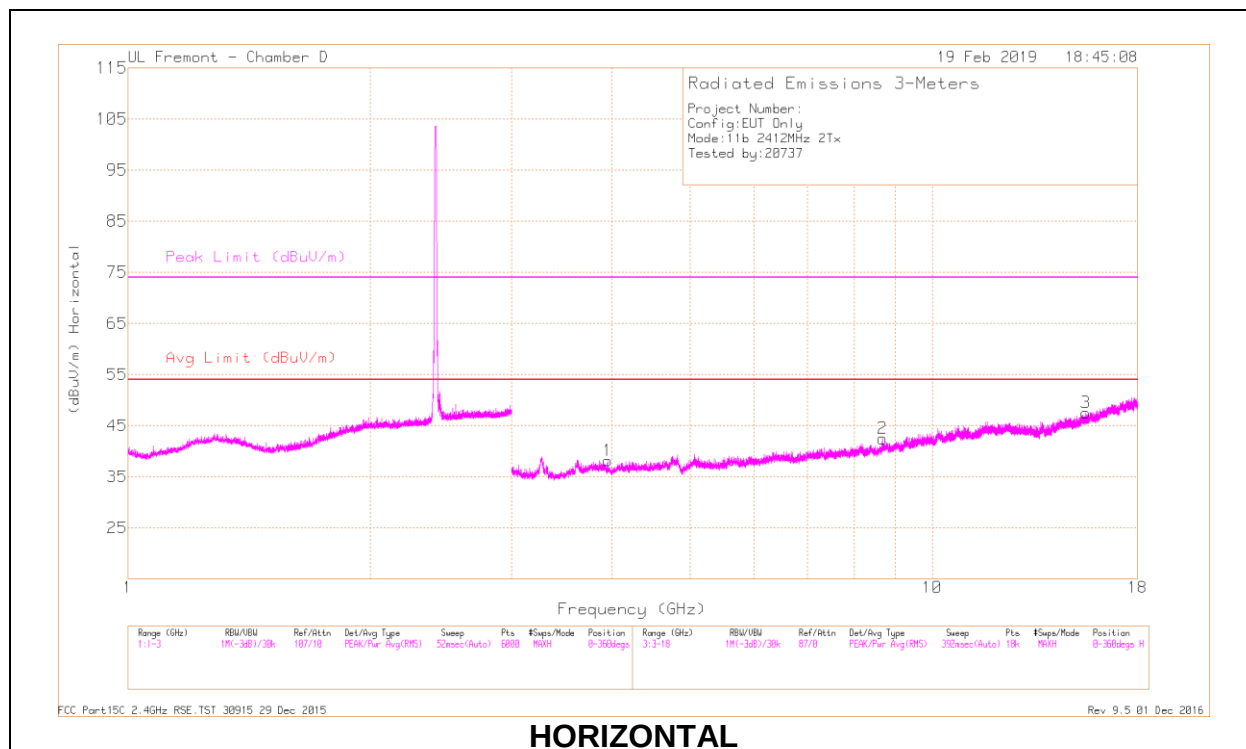
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS**LOW CHANNEL, CH 1 RESULTS**

RADIATED EMISSIONS

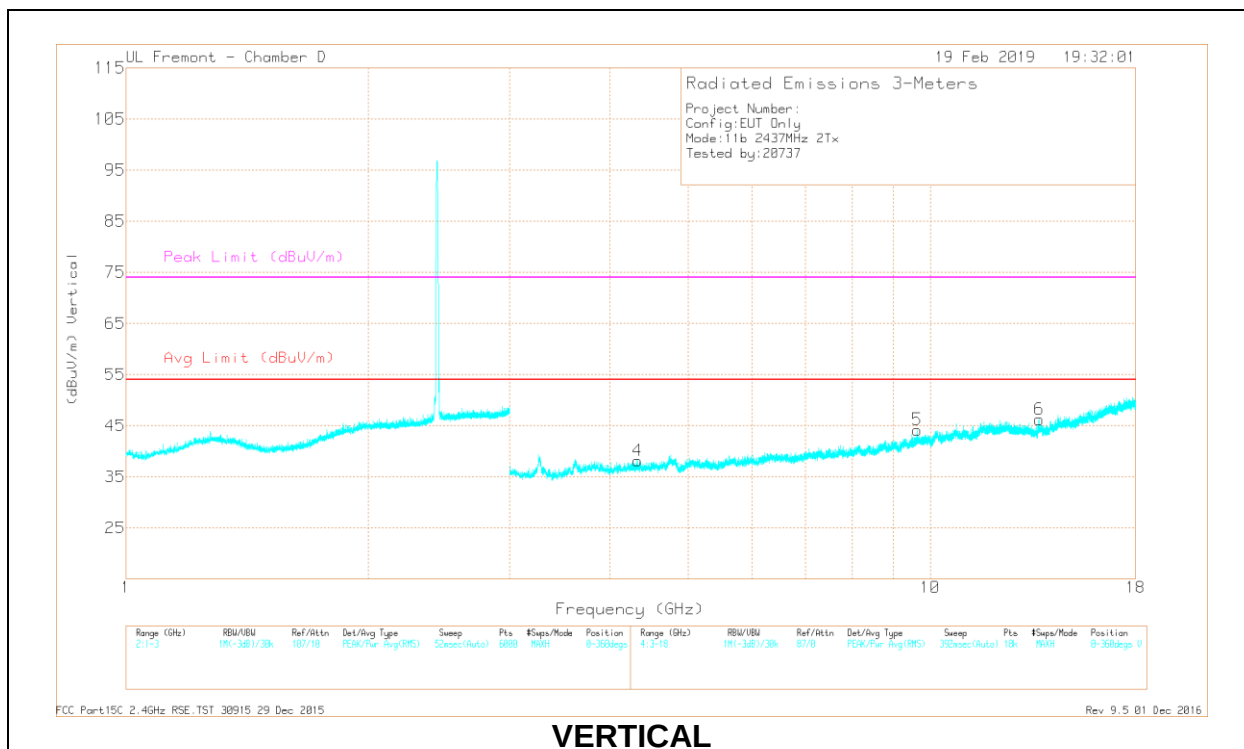
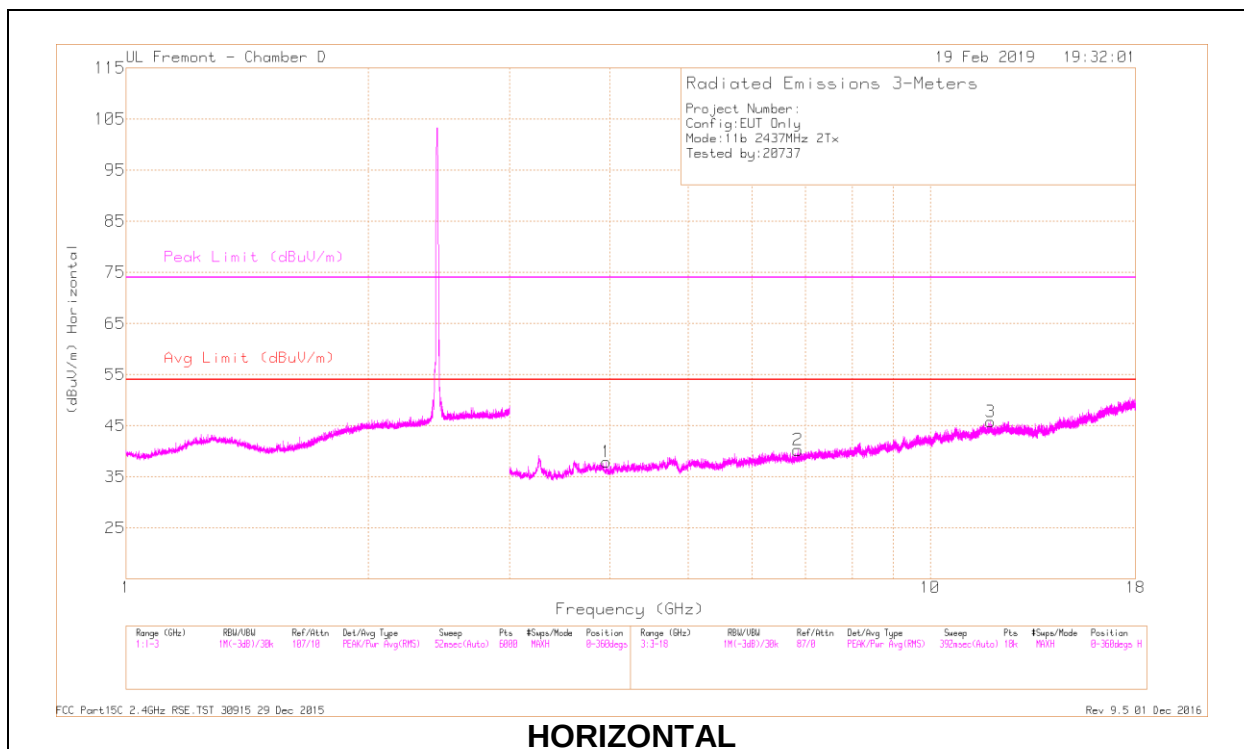
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.949	39.36	PK2	33.7	-28.3	44.76	-	-	74	-29.24	81	238	H
	* 3.952	27.7	MAv1	33.6	-28.3	33	54	-21	-	-	81	238	H
2	8.675	34.84	PK2	36	-22.5	48.34	-	-	-	-	328	225	H
3	* 15.518	35.08	PK2	40.3	-21.3	54.08	-	-	74	-19.92	107	168	H
	* 15.514	23.66	MAv1	40.3	-21.4	42.56	54	-11.44	-	-	107	168	H
4	6.352	37.25	PK2	35.5	-25.6	47.15	-	-	-	-	155	259	V
5	* 3.949	39.62	PK2	33.7	-28.3	45.02	-	-	74	-28.98	294	211	V
	* 3.951	27.73	MAv1	33.7	-28.3	33.13	54	-20.87	-	-	294	211	V
6	* 12.279	35.21	PK2	39.1	-22.1	52.21	-	-	74	-21.79	146	283	V
	* 12.282	23.34	MAv1	39.1	-22.2	40.24	54	-13.76	-	-	146	283	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, CH 6 RESULTS



RADIATED EMISSIONS

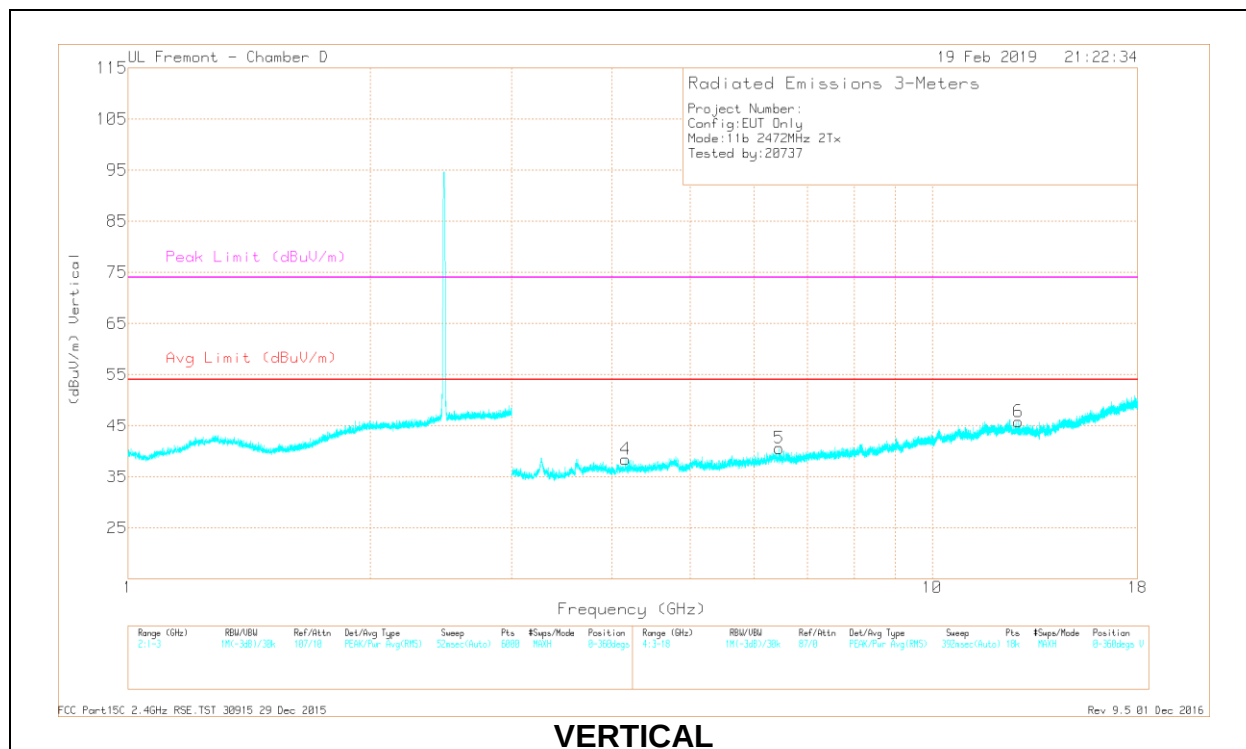
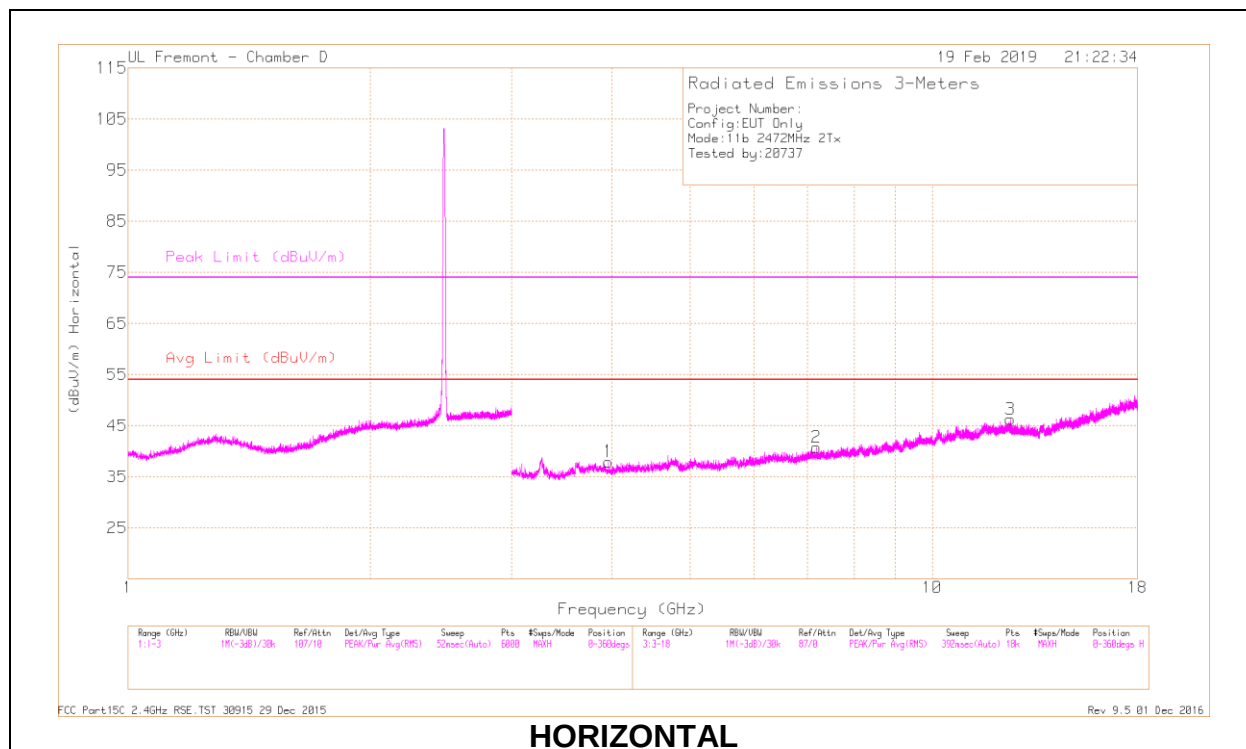
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.96	39.06	PK2	33.6	-28.3	44.36	-	-	74	-29.64	112	211	H
	* 3.96	27.55	MAv1	33.6	-28.3	32.85	54	-21.15	-	-	112	211	H
2	6.845	36.97	PK2	35.6	-25.9	46.67	-	-	-	-	354	151	H
	6.848	25.22	MAv1	35.6	-25.8	35.02	-	-	-	-	354	151	H
3	* 11.891	34.15	PK2	39	-21.3	51.85	-	-	74	-22.15	247	329	H
	* 11.889	22.83	MAv1	39	-21.3	40.53	54	-13.47	-	-	247	329	H
4	* 4.329	39.49	PK2	34.1	-28.5	45.09	-	-	74	-28.91	213	400	V
	* 4.328	27.57	MAv1	34.1	-28.5	33.17	54	-20.83	-	-	213	400	V
5	9.641	34.84	PK2	36.9	-21.8	49.94	-	-	-	-	156	228	V
6	13.658	36.87	PK2	38.7	-23.2	52.37	-	-	-	-	282	156	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, CH 13 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	* 3.958	39.51	PK2	33.6	-28.2	44.91	-	-	74	-29.09	285	192	H
	* 3.961	27.65	MAv1	33.6	-28.3	32.95	54	-21.05	-	-	285	192	H
2	7.174	36.4	PK2	35.7	-25	47.1	-	-	-	-	156	127	H
3	* 12.507	34.82	PK2	39.2	-21.4	52.62	-	-	74	-21.38	77	161	H
	* 12.506	23.11	MAv1	39.2	-21.3	41.01	54	-12.99	-	-	77	161	H
4	* 4.158	38.74	PK2	34	-28	44.74	-	-	74	-29.26	191	391	V
	* 4.158	27.15	MAv1	34	-28	33.15	54	-20.85	-	-	191	391	V
5	6.448	37.71	PK2	35.6	-26.4	46.91	-	-	-	-	166	106	V
6	12.796	35.32	PK2	39.1	-22.4	52.02	-	-	-	-	78	303	V

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

PK2 - KDB558074 Method: Maximum Peak

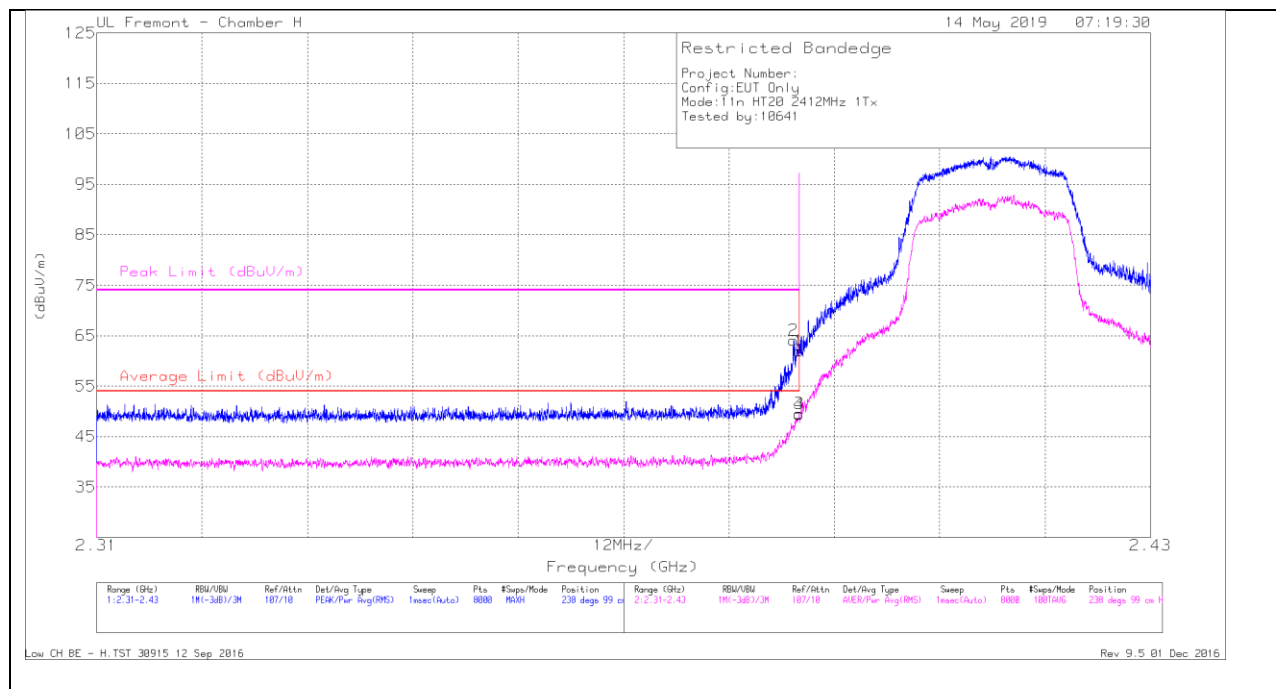
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	53.87	Pk	31.6	-23.5	61.97	-	-	74	-12.03	238	99	H
2	* 2.389	55.94	Pk	31.6	-23.5	64.04	-	-	74	-9.96	238	99	H
3	* 2.39	41.41	RMS	31.6	-23.5	49.51	54	-4.49	-	-	238	99	H
4	* 2.39	41.27	RMS	31.6	-23.5	49.37	54	-4.63	-	-	238	99	H

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

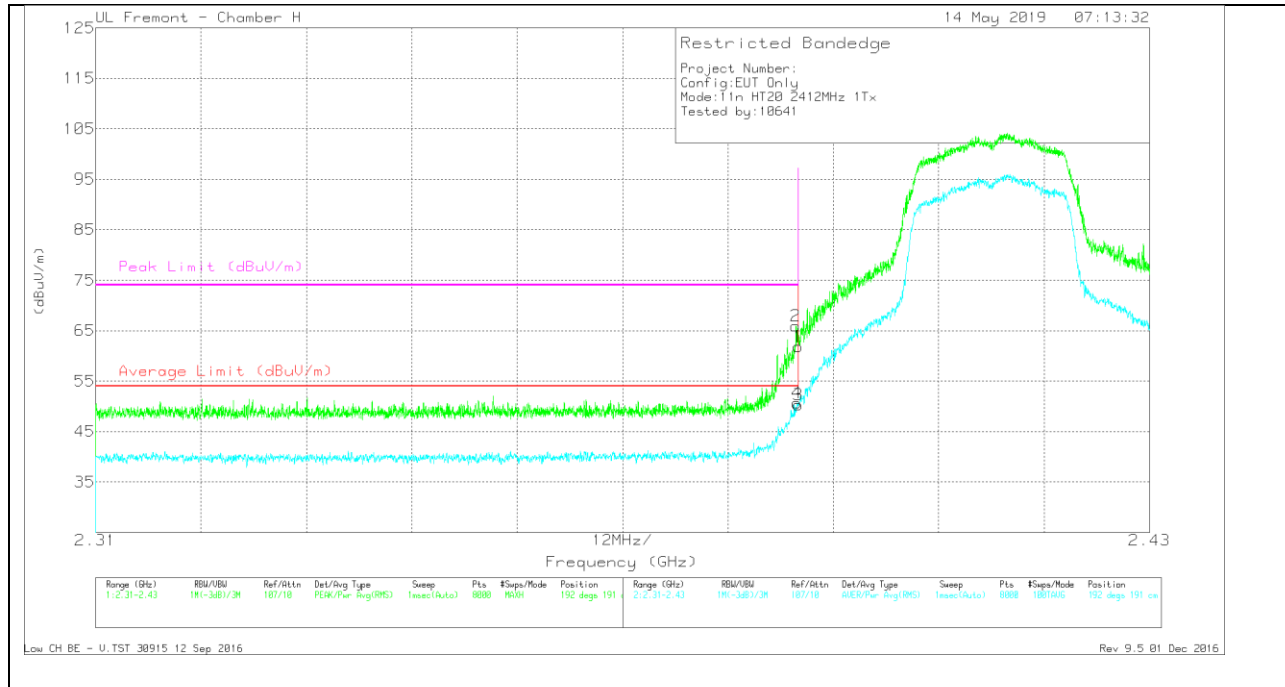
Pk - Peak detector

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 T136 (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	53.78	Pk	31.6	-23.5	61.88	-	-	74	-12.12	192	191	V
2	* 2.39	57.78	Pk	31.6	-23.5	65.88	-	-	74	-8.12	192	191	V
3	* 2.39	42.16	RMS	31.6	-23.5	50.26	54	-3.74	-	-	192	191	V
4	* 2.39	42.61	RMS	31.6	-23.5	50.71	54	-3.29	-	-	192	191	V

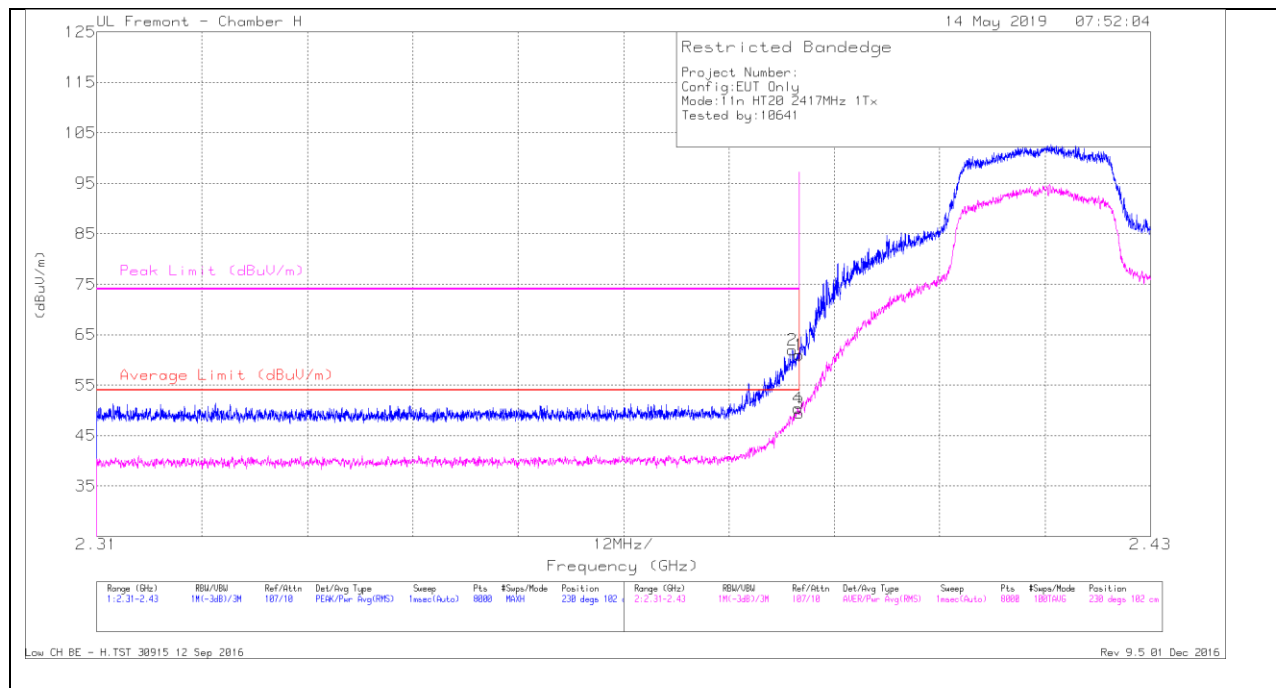
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	52.82	Pk	31.6	-23.5	60.92	-	-	74	-13.08	230	102	H
2	* 2.389	53.81	Pk	31.6	-23.5	61.91	-	-	74	-12.09	230	102	H
3	* 2.39	41.38	RMS	31.6	-23.5	49.48	54	-4.52	-	-	230	102	H
4	* 2.39	42.31	RMS	31.6	-23.5	50.41	54	-3.59	-	-	230	102	H

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

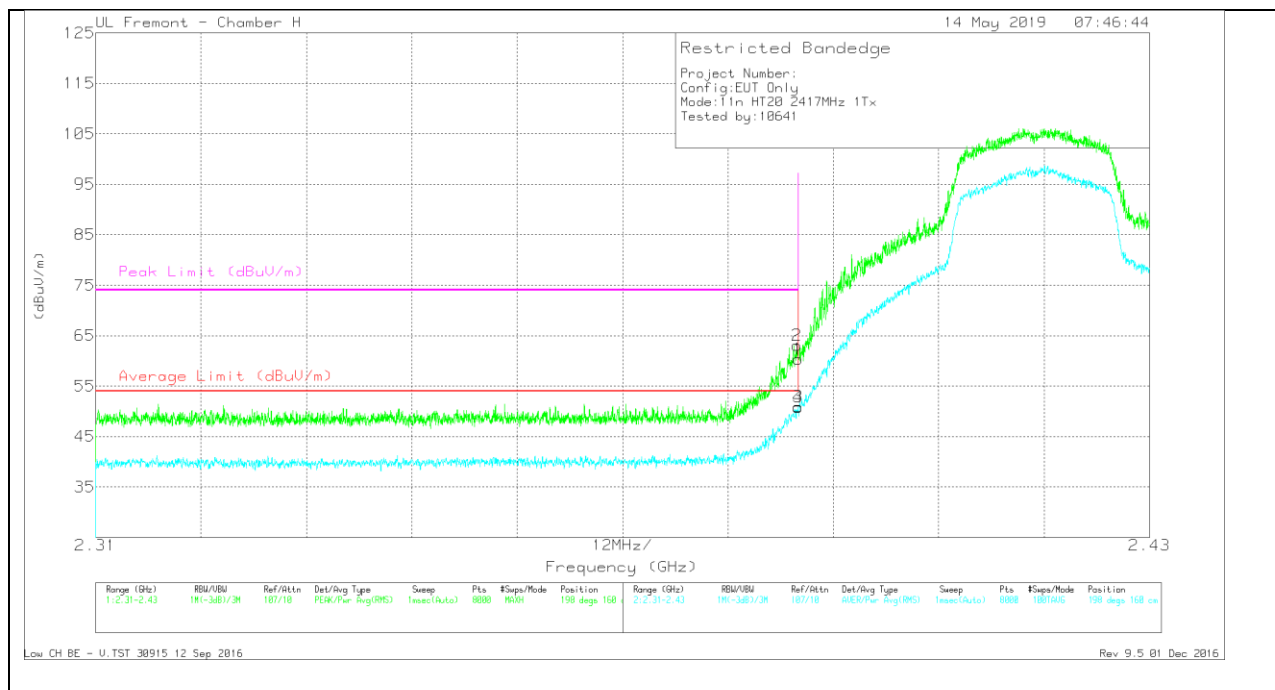
Pk - Peak detector

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 T136 (dB/m)	Ampl/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	52.28	Pk	31.6	-23.5	60.38	-	-	74	-13.62	198	160	V
2	* 2.39	54.99	Pk	31.6	-23.5	63.09	-	-	74	-10.91	198	160	V
3	* 2.39	42.85	RMS	31.6	-23.5	50.95	54	-3.05	-	-	198	160	V
4	* 2.39	42.68	RMS	31.6	-23.5	50.78	54	-3.22	-	-	198	160	V

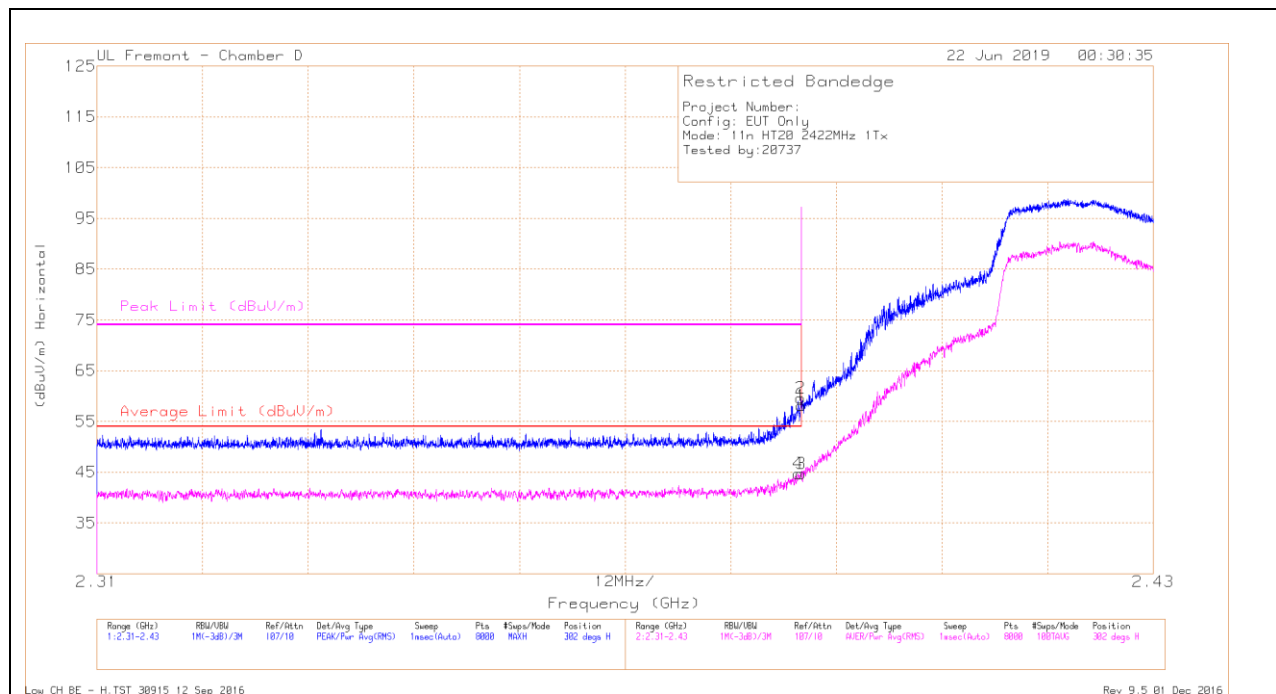
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (LOW CHANNEL, CH 3)**HORIZONTAL RESULT**

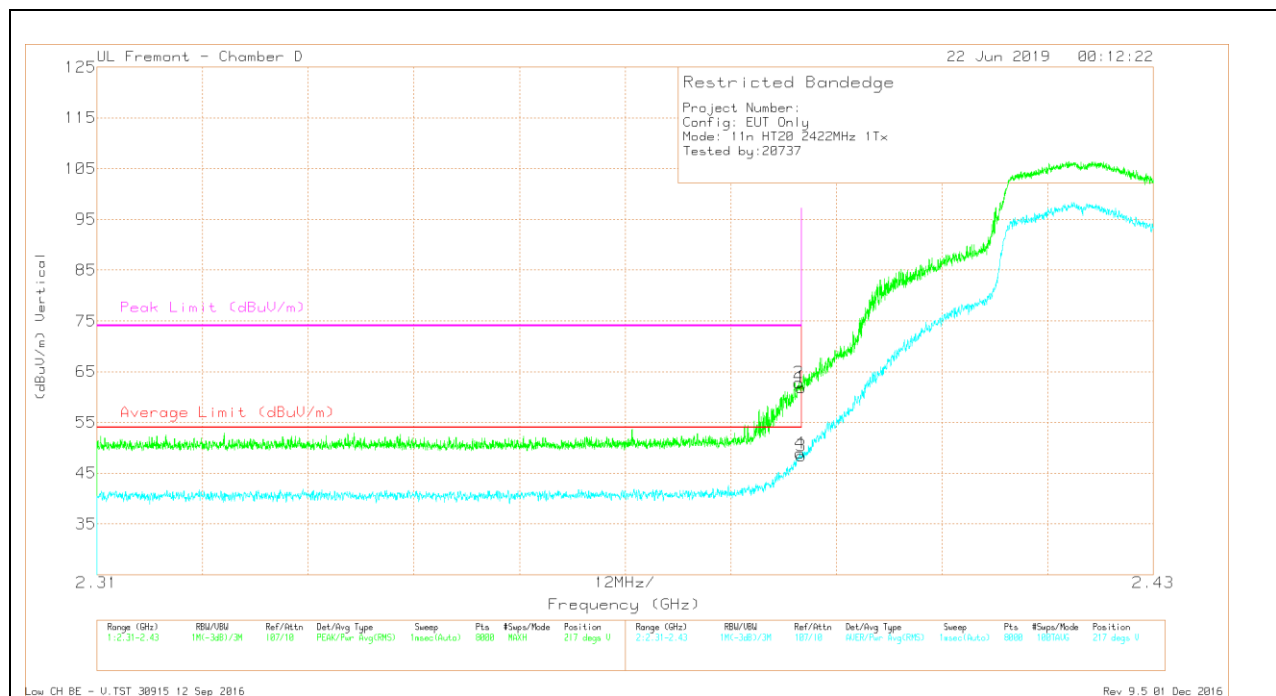
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.73	Pk	32	-20.6	58.13	-	-	74	-15.87	302	254	H
2	* 2.39	48.15	Pk	32	-20.6	59.55	-	-	74	-14.45	302	254	H
3	* 2.39	33.3	RMS	32	-20.6	44.7	54	-9.3	-	-	302	254	H
4	* 2.39	33.32	RMS	32	-20.6	44.72	54	-9.28	-	-	302	254	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

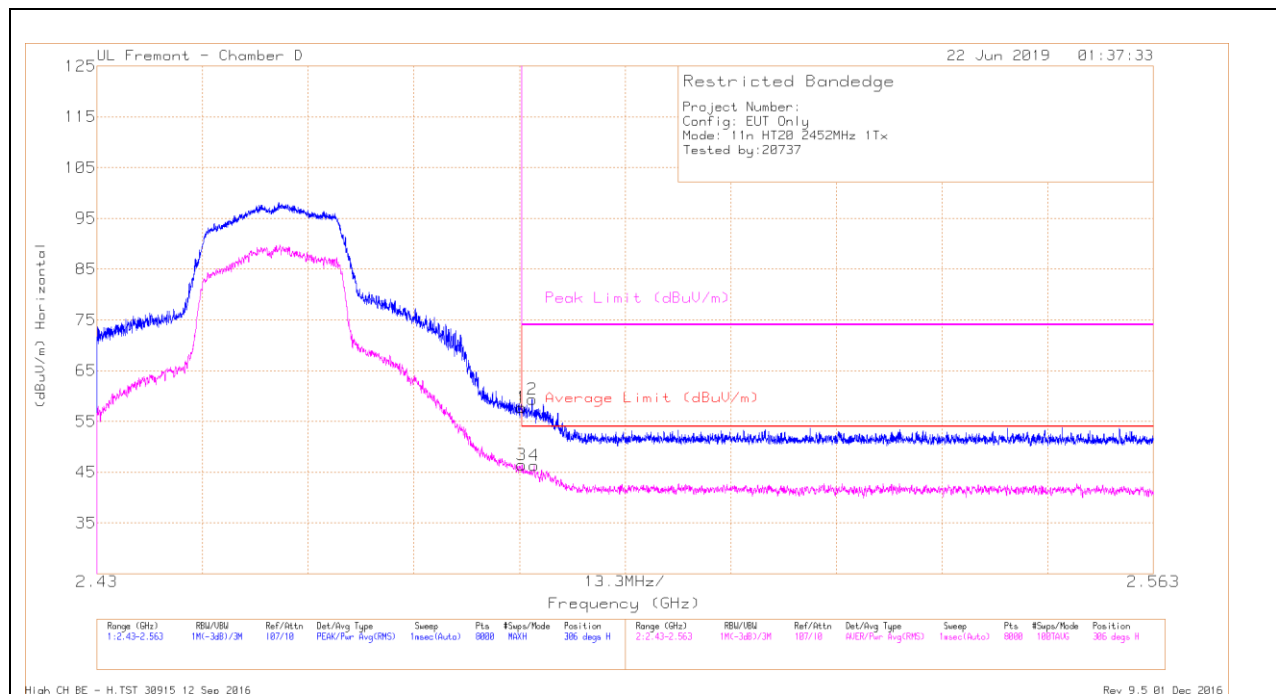


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.5	Pk	32	-20.6	61.9	-	-	74	-12.1	217	204	V
2	* 2.39	51.45	Pk	32	-20.6	62.85	-	-	74	-11.15	217	204	V
3	* 2.39	37.02	RMS	32	-20.6	48.42	54	-5.58	-	-	217	204	V
4	* 2.39	37.54	RMS	32	-20.6	48.94	54	-5.06	-	-	217	204	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)**HORIZONTAL RESULT**

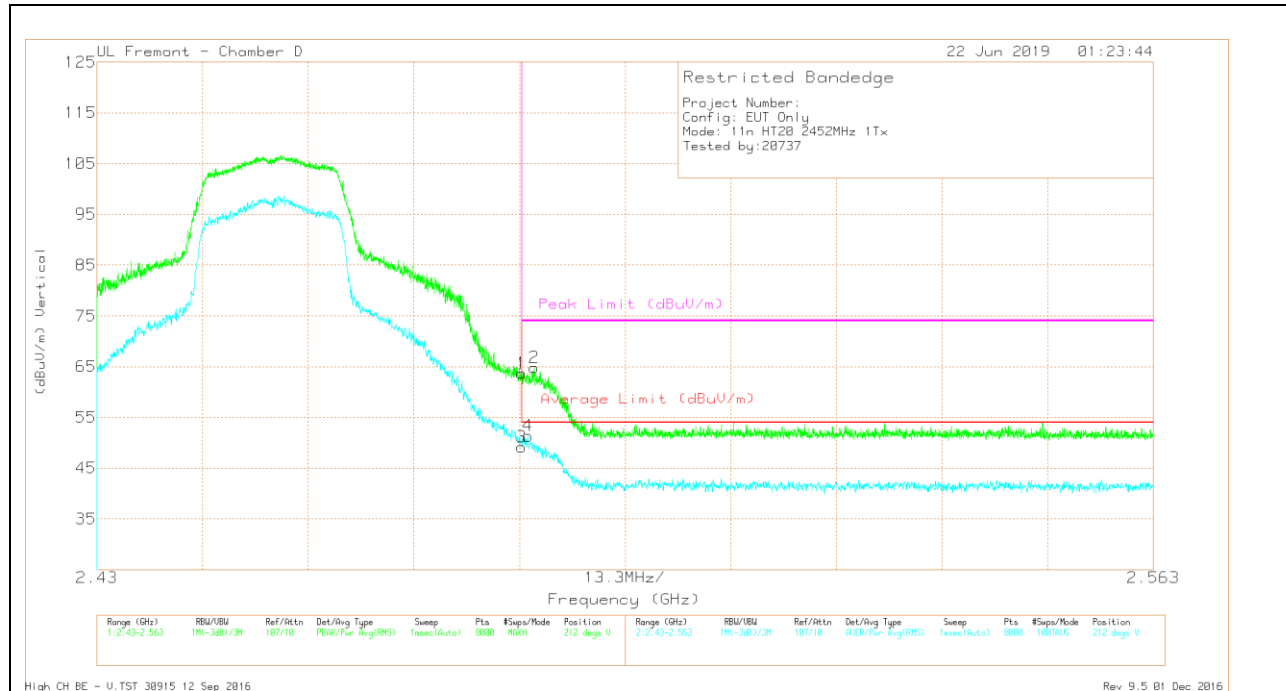
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.91	Pk	32.4	-20.6	57.71	-	-	74	-16.29	306	207	H
2	* 2.485	47.69	Pk	32.3	-20.6	59.39	-	-	74	-14.61	306	207	H
3	* 2.484	34.63	RMS	32.4	-20.6	46.43	54	-7.57	-	-	306	207	H
4	* 2.485	34.57	RMS	32.3	-20.6	46.27	54	-7.73	-	-	306	207	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

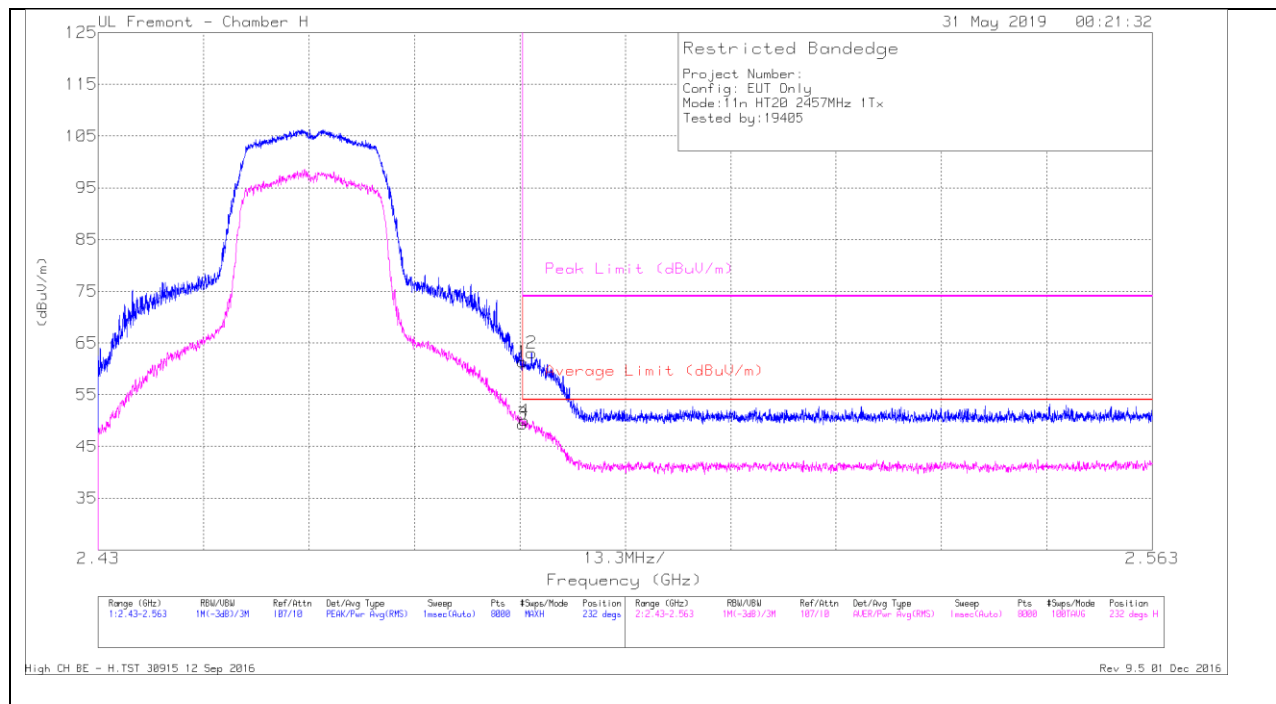


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.86	Pk	32.4	-20.6	63.66	-	-	74	-10.34	212	190	V
2	* 2.485	53.12	Pk	32.3	-20.6	64.82	-	-	74	-9.18	212	190	V
3	* 2.484	37.38	RMS	32.4	-20.6	49.18	54	-4.82	-	-	212	190	V
4	* 2.484	39.65	RMS	32.3	-20.6	51.35	54	-2.65	-	-	212	190	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Ftr/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	52.32	Pk	32.3	-23.3	61.32	-	-	74	-12.68	232	109	H
2	* 2.485	54.1	Pk	32.3	-23.3	63.1	-	-	74	-10.9	232	109	H
3	* 2.484	40.35	RMS	32.3	-23.3	49.35	54	-4.65	-	-	232	109	H
4	* 2.484	41.02	RMS	32.3	-23.3	50.02	54	-3.98	-	-	232	109	H

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

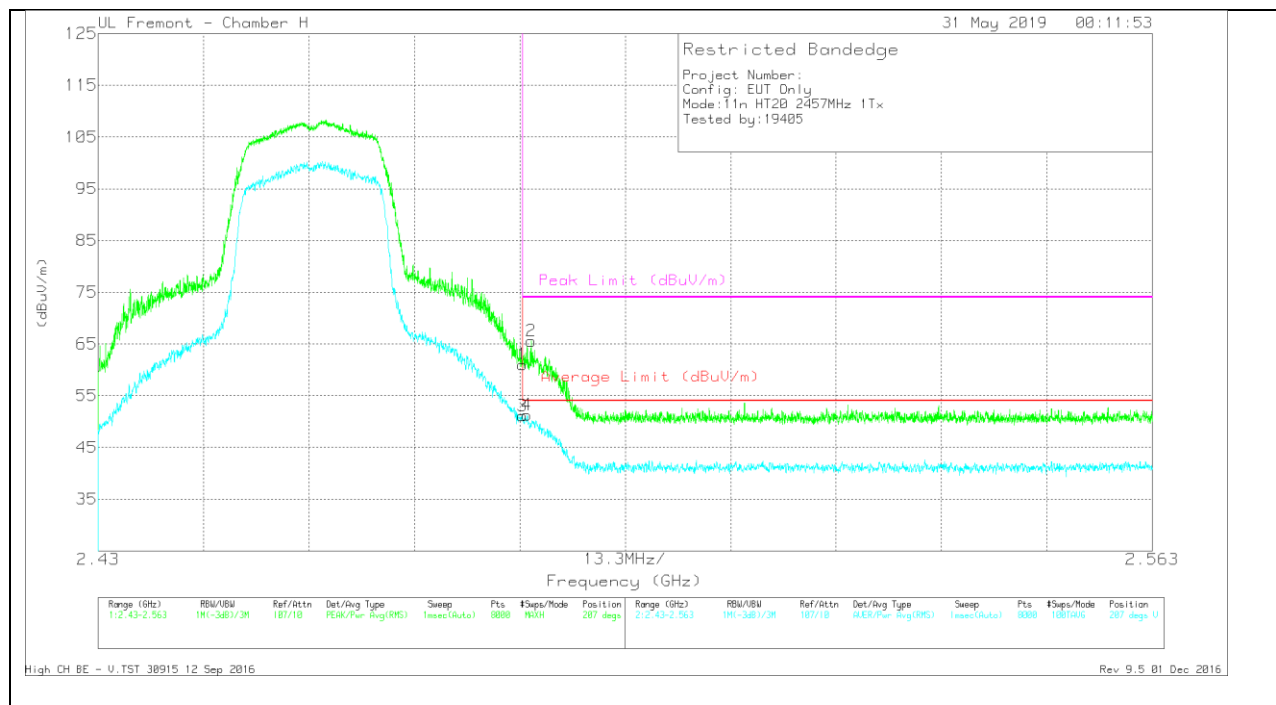
Pk - Peak detector

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 T136 (dB/m)	Amp/Cb/Ftr/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	52.04	Pk	32.3	-23.3	61.04	-	-	74	-12.96	207	194	V
2	* 2.485	56.57	Pk	32.3	-23.3	65.57	-	-	74	-8.43	207	194	V
3	* 2.484	42.12	RMS	32.3	-23.3	51.12	54	-2.88	-	-	207	194	V
4	* 2.484	42.26	RMS	32.3	-23.3	51.26	54	-2.74	-	-	207	194	V

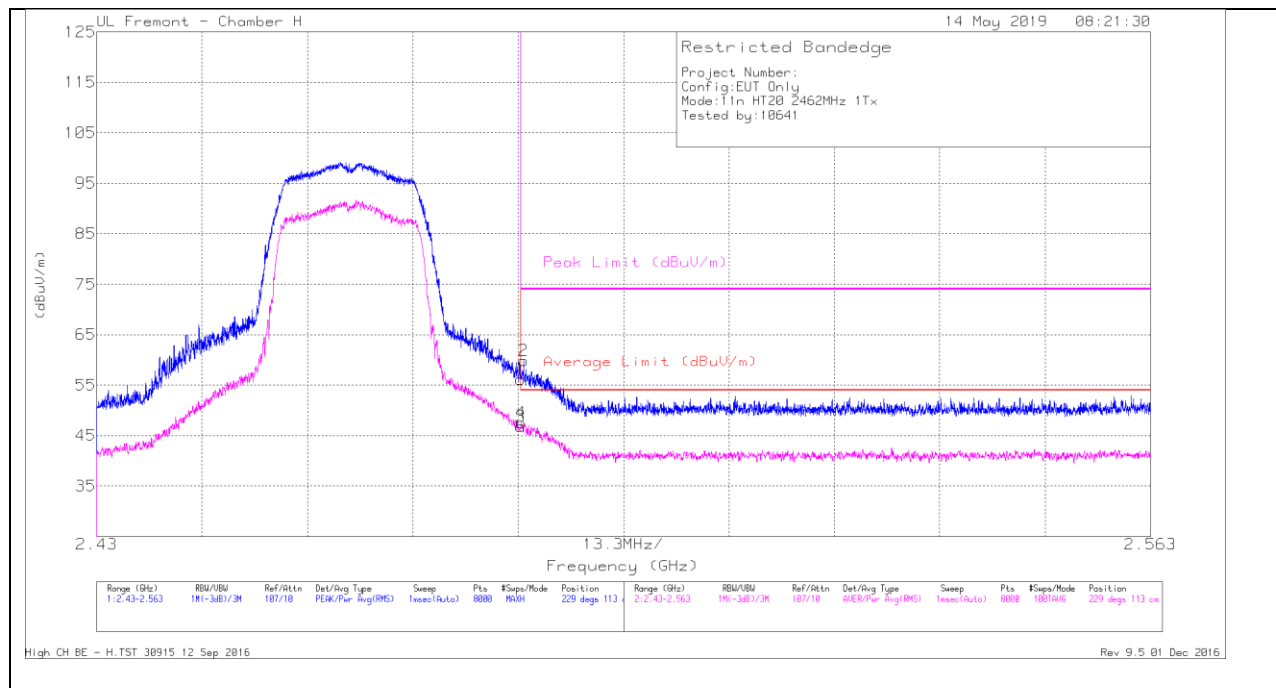
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 11)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	47.19	Pk	32.3	-23.3	56.19	-	-	74	-17.81	229	113	H
2	* 2.484	50.86	Pk	32.3	-23.3	59.86	-	-	74	-14.14	229	113	H
3	* 2.484	37.87	RMS	32.3	-23.3	46.87	54	-7.13	-	-	229	113	H
4	* 2.484	38.59	RMS	32.3	-23.3	47.59	54	-6.41	-	-	229	113	H

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

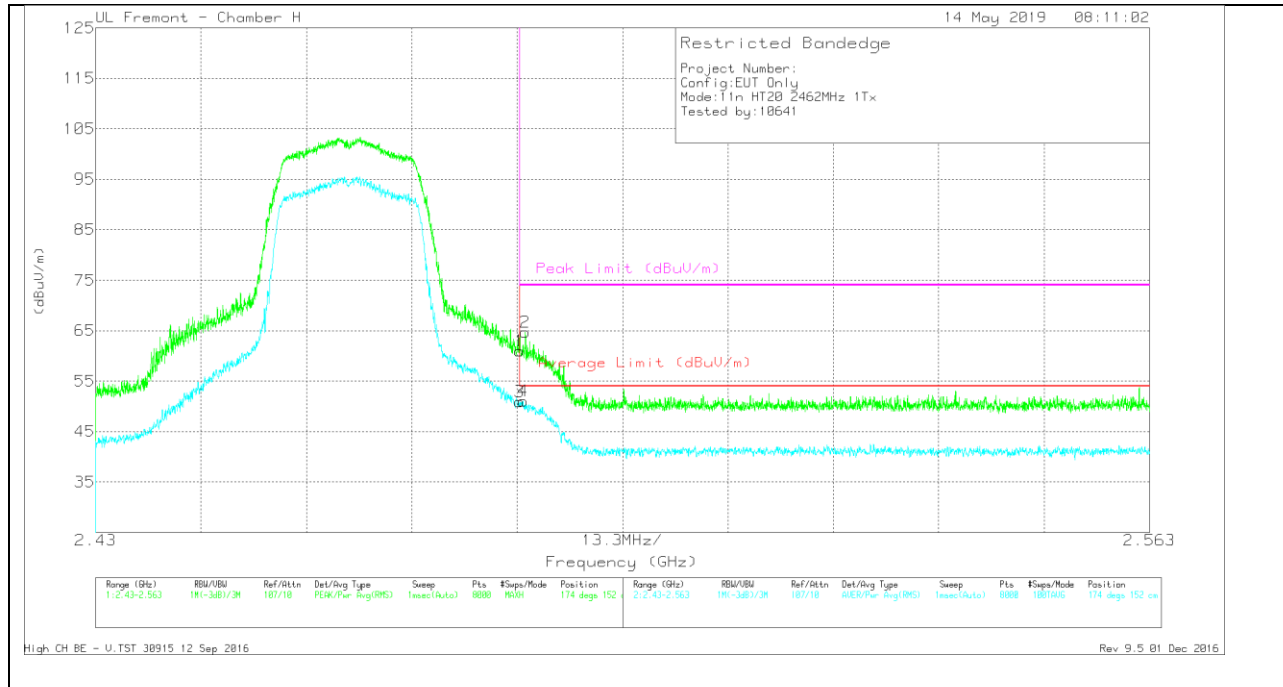
Pk - Peak detector

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 T136 (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	51.94	Pk	32.3	-23.3	60.94	-	-	74	-13.06	174	152	V
2	* 2.484	55.73	Pk	32.3	-23.3	64.73	-	-	74	-9.27	174	152	V
3	* 2.484	41.88	RMS	32.3	-23.3	50.88	54	-3.12	-	-	174	152	V
4	* 2.484	42.09	RMS	32.3	-23.3	51.09	54	-2.91	-	-	174	152	V

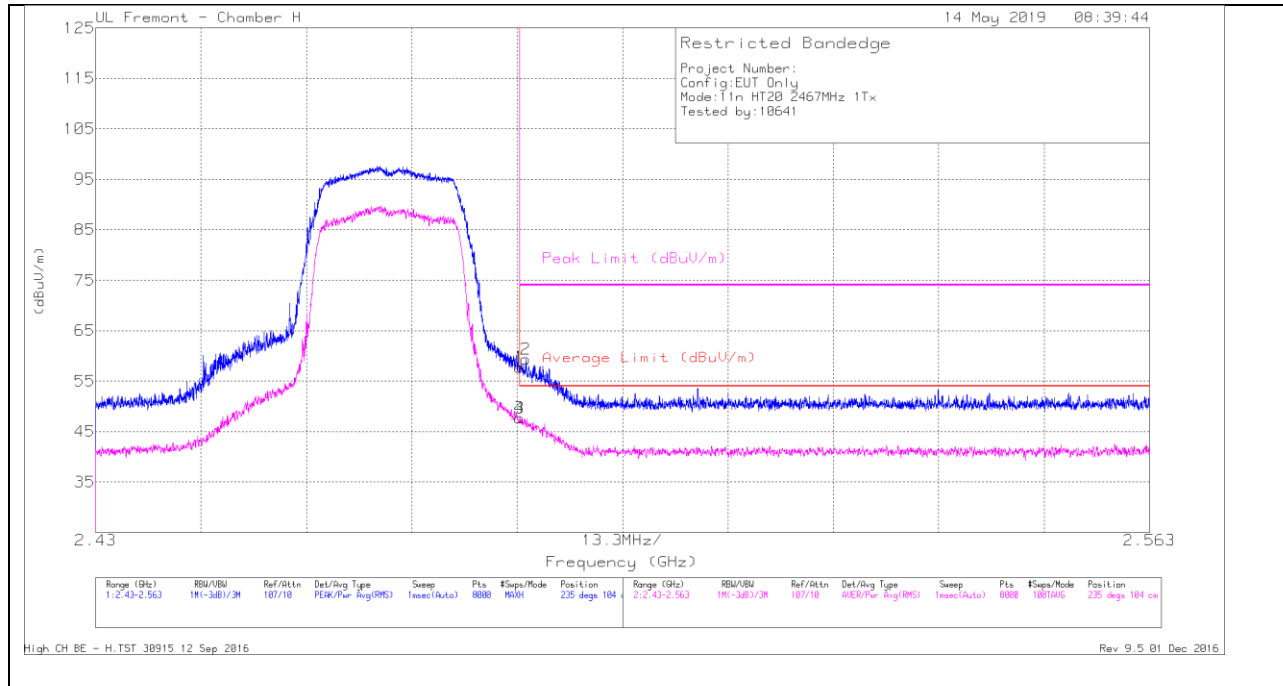
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 12)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/FiltriPa 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	48.75	Pk	32.3	-23.3	57.75	-	-	74	-16.25	235	104	H
2	* 2.484	50.34	Pk	32.3	-23.3	59.34	-	-	74	-14.66	235	104	H
3	* 2.484	38.67	RMS	32.3	-23.3	47.67	54	-6.33	-	-	235	104	H
4	* 2.484	38.74	RMS	32.3	-23.3	47.74	54	-6.26	-	-	235	104	H

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

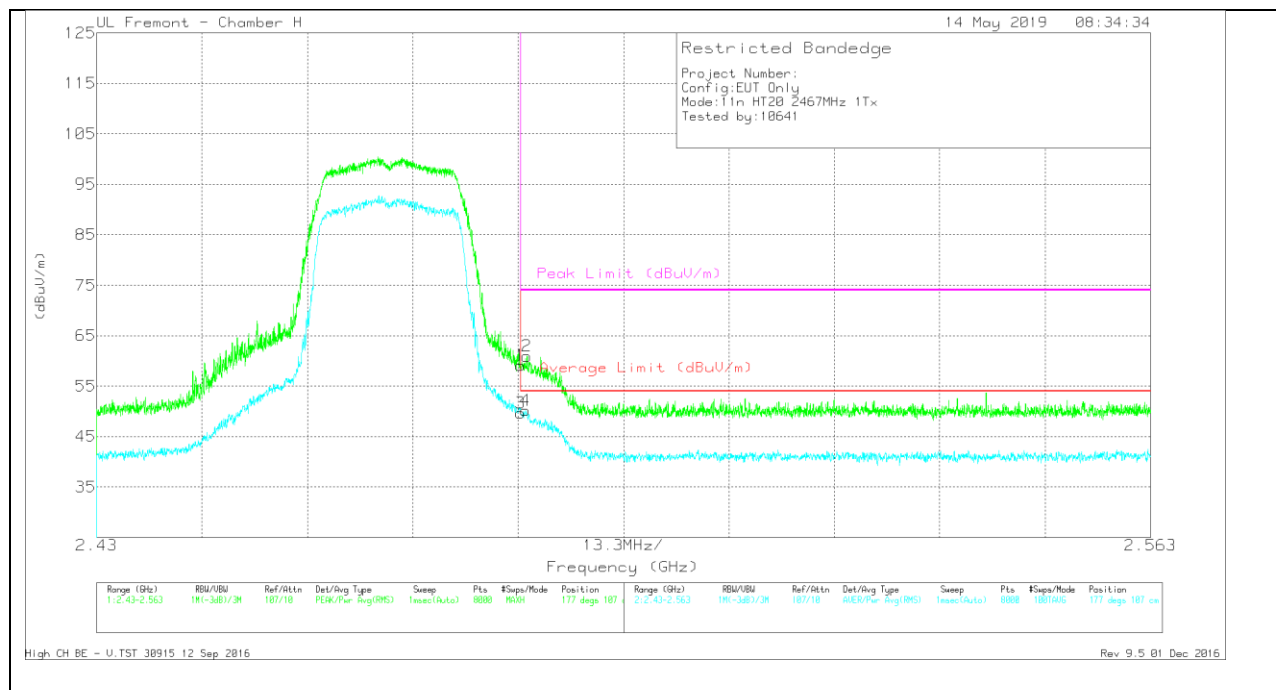
Pk - Peak detector

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 T136 (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	50.09	Pk	32.3	-23.3	59.09	-	-	74	-14.91	177	107	V
2	* 2.484	51.91	Pk	32.3	-23.3	60.91	-	-	74	-13.09	177	107	V
3	* 2.484	40.62	RMS	32.3	-23.3	49.62	54	-4.38	-	-	177	107	V
4	* 2.484	41.12	RMS	32.3	-23.3	50.12	54	-3.88	-	-	177	107	V

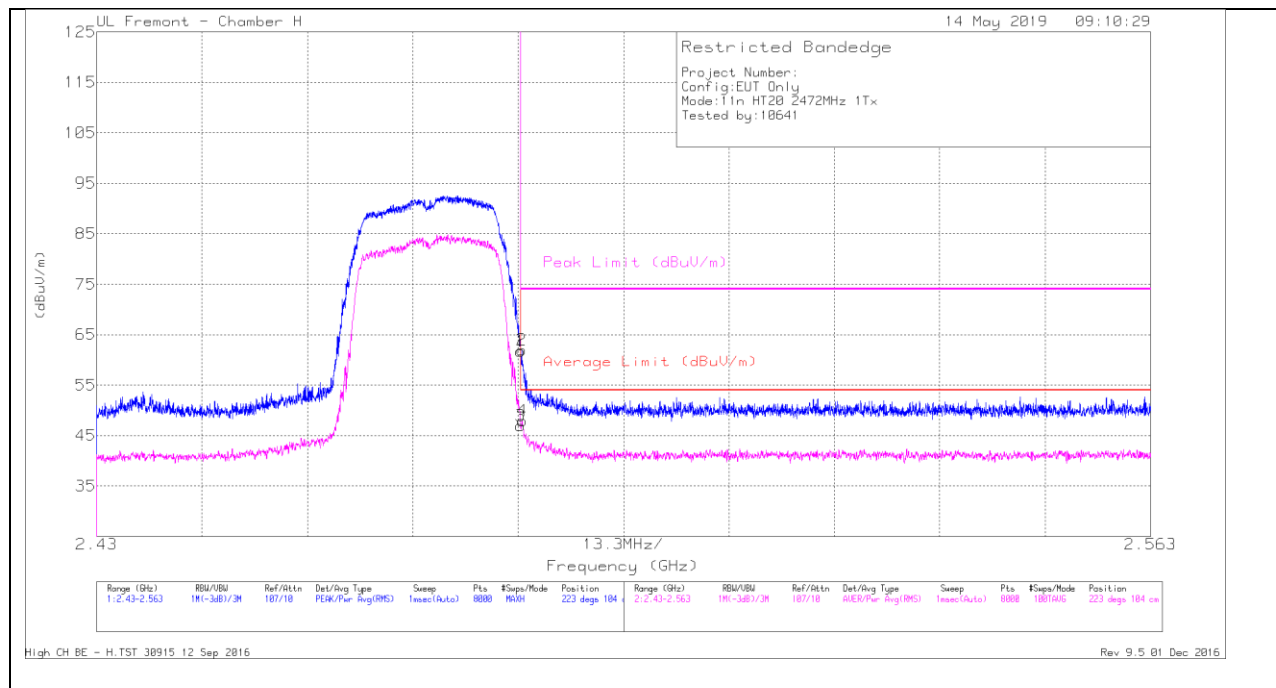
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL, CH 13)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.68	Pk	32.3	-23.3	61.68	-	-	74	-12.32	223	104	H
2	* 2.484	52.95	Pk	32.3	-23.3	61.95	-	-	74	-12.05	223	104	H
3	* 2.484	37.97	RMS	32.3	-23.3	46.97	54	-7.03	-	-	223	104	H
4	* 2.484	38.88	RMS	32.3	-23.3	47.88	54	-6.12	-	-	223	104	H

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

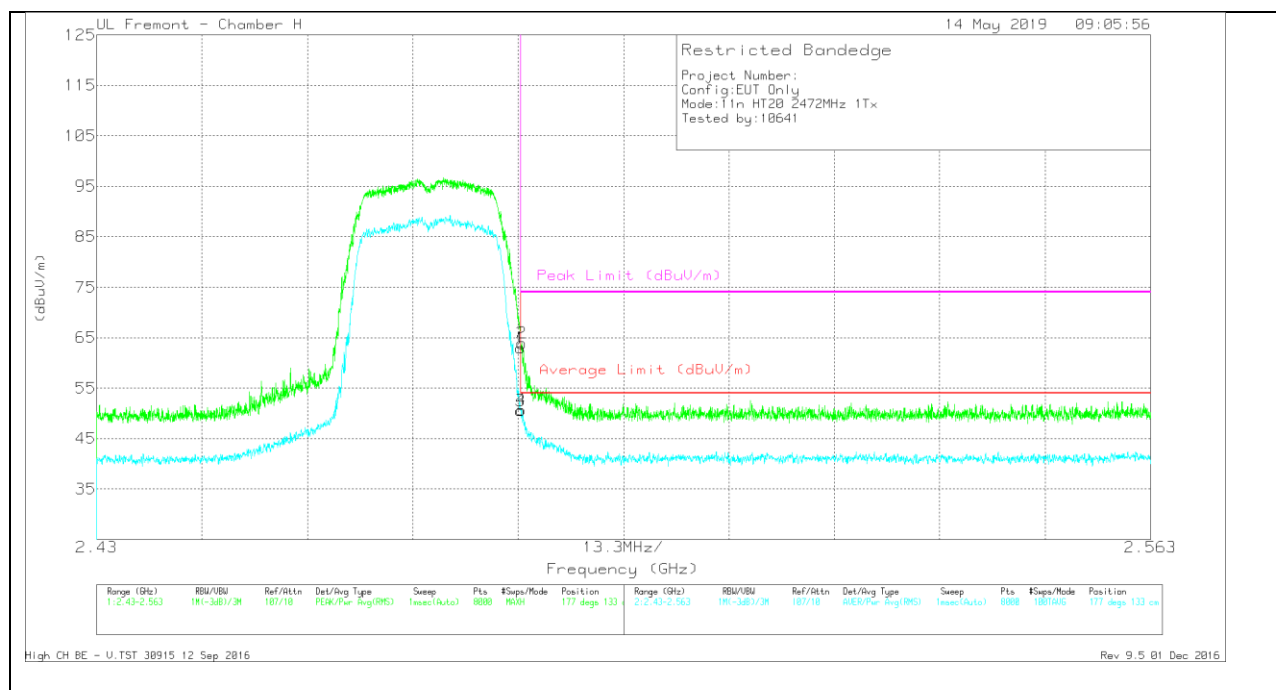
Pk - Peak detector

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 T136 (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	53.97	Pk	32.3	-23.3	62.97	-	-	74	-11.03	177	133	V
2	* 2.484	54.89	Pk	32.3	-23.3	63.89	-	-	74	-10.11	177	133	V
3	* 2.484	41.55	RMS	32.3	-23.3	50.55	54	-3.45	-	-	177	133	V
4	* 2.484	41.71	RMS	32.3	-23.3	50.71	54	-3.29	-	-	177	133	V

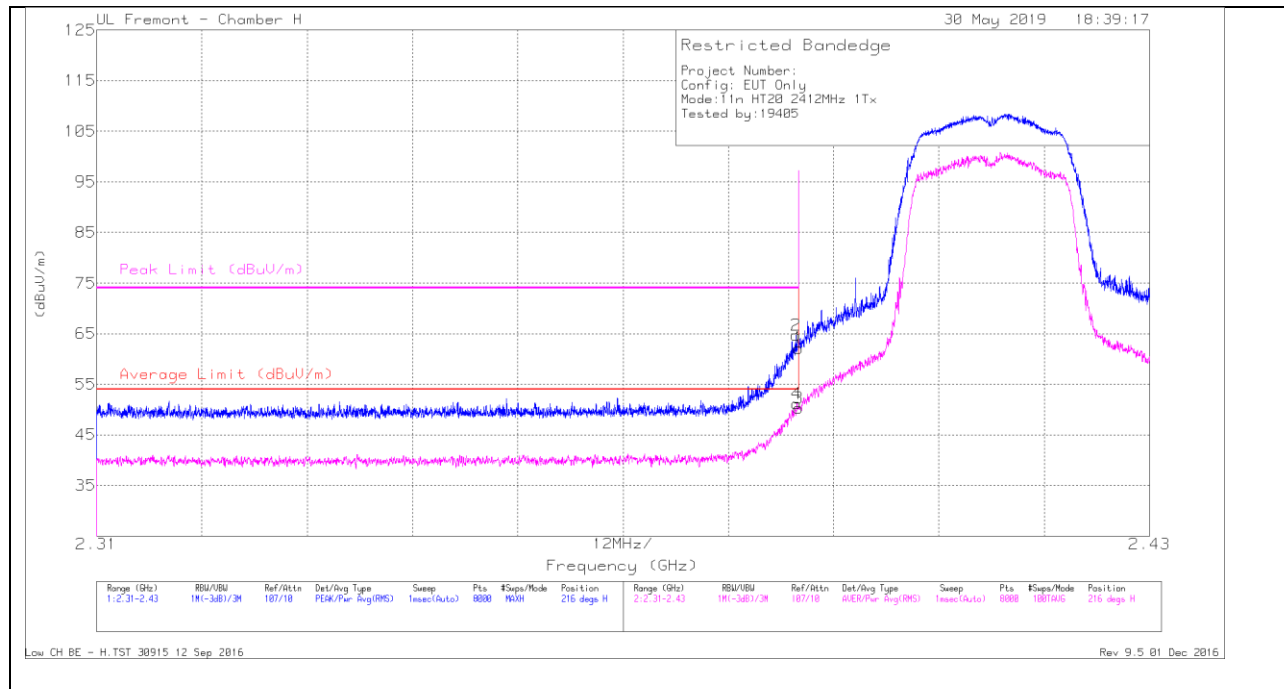
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE**BANDEDGE (LOW CHANNEL, CH 1)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	54.05	Pk	31.6	-23.5	62.15	-	-	74	-11.85	216	123	H
2	* 2.39	56.55	Pk	31.6	-23.5	64.65	-	-	74	-9.35	216	123	H
3	* 2.39	42.16	RMS	31.6	-23.5	50.26	54	-3.74	-	-	216	123	H
4	* 2.39	43.06	RMS	31.6	-23.5	51.16	54	-2.84	-	-	216	123	H

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

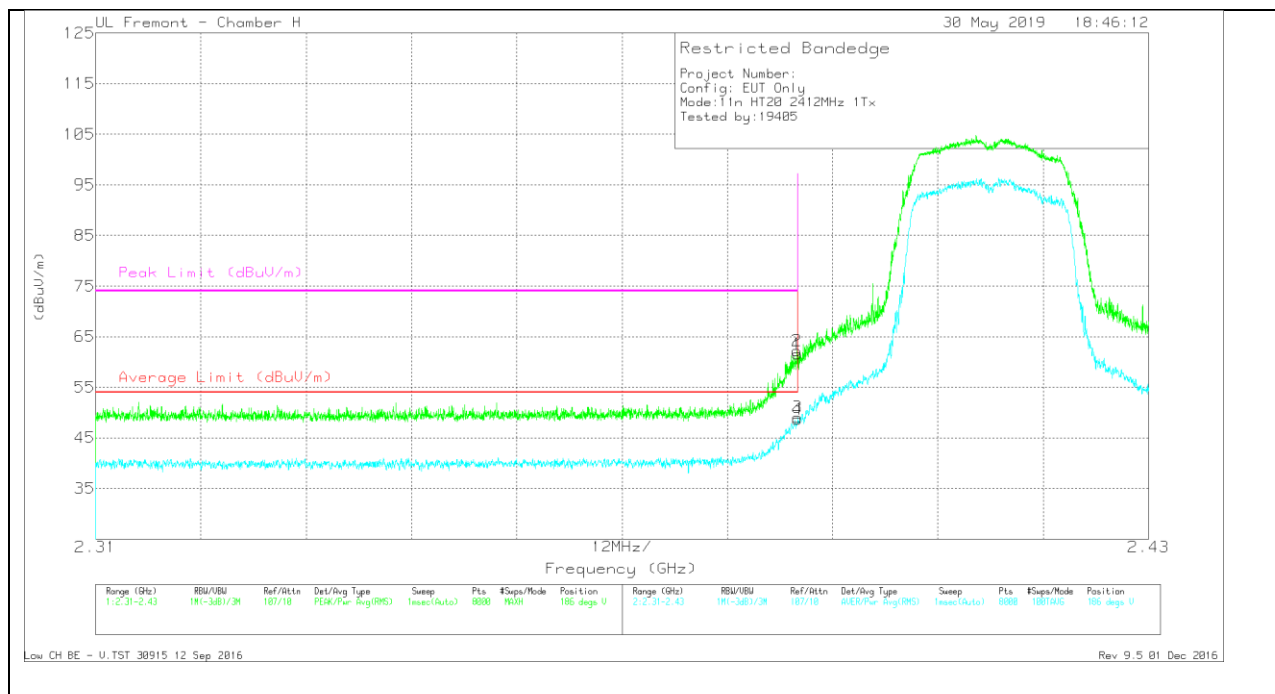
Pk - Peak detector

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 T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.51	Pk	31.6	-23.5	61.61	-	-	74	-12.39	186	399	V
2	* 2.39	54.15	Pk	31.6	-23.5	62.25	-	-	74	-11.75	186	399	V
3	* 2.39	40.93	RMS	31.6	-23.5	49.03	54	-4.97	-	-	186	399	V
4	* 2.39	40.54	RMS	31.6	-23.5	48.64	54	-5.36	-	-	186	399	V

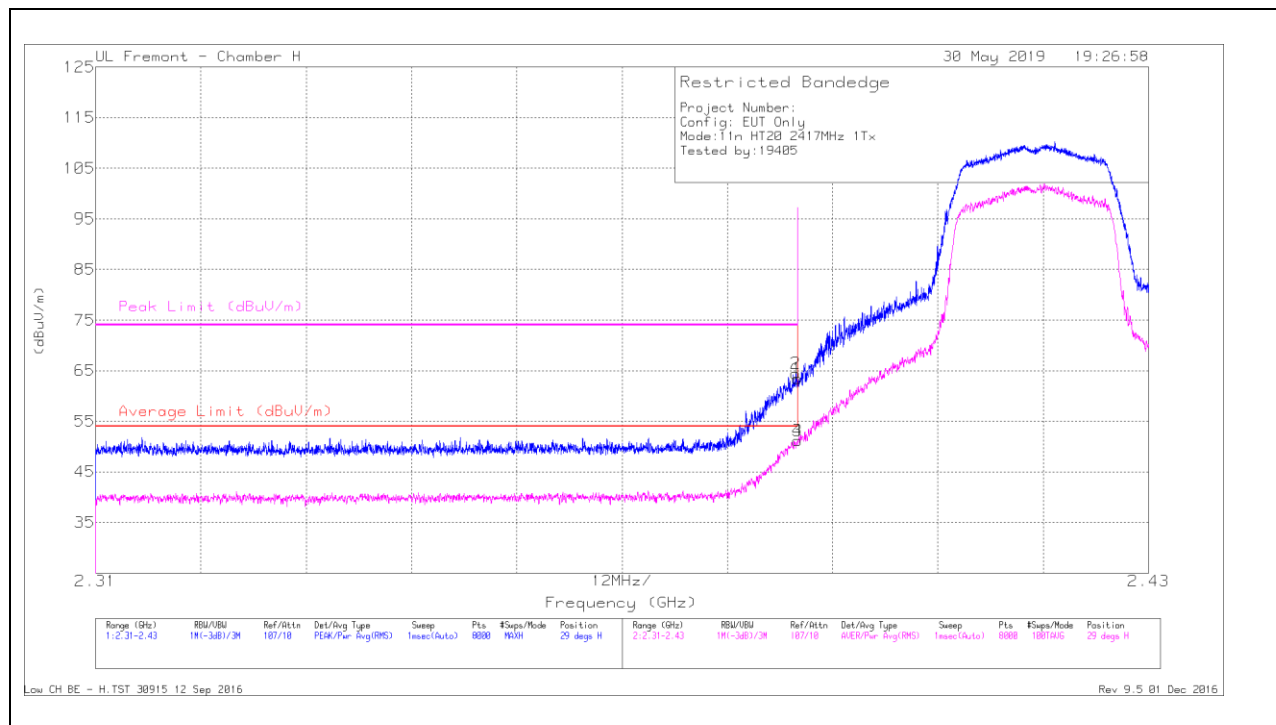
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (LOW CHANNEL, CH 2)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.32	Pk	31.6	-23.5	63.42	-	-	74	-10.58	29	107	H
2	* 2.39	56.36	Pk	31.6	-23.5	64.46	-	-	74	-9.54	29	107	H
3	* 2.39	43.07	RMS	31.6	-23.5	51.17	54	-2.83	-	-	29	107	H
4	* 2.39	43.05	RMS	31.6	-23.5	51.15	54	-2.85	-	-	29	107	H

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

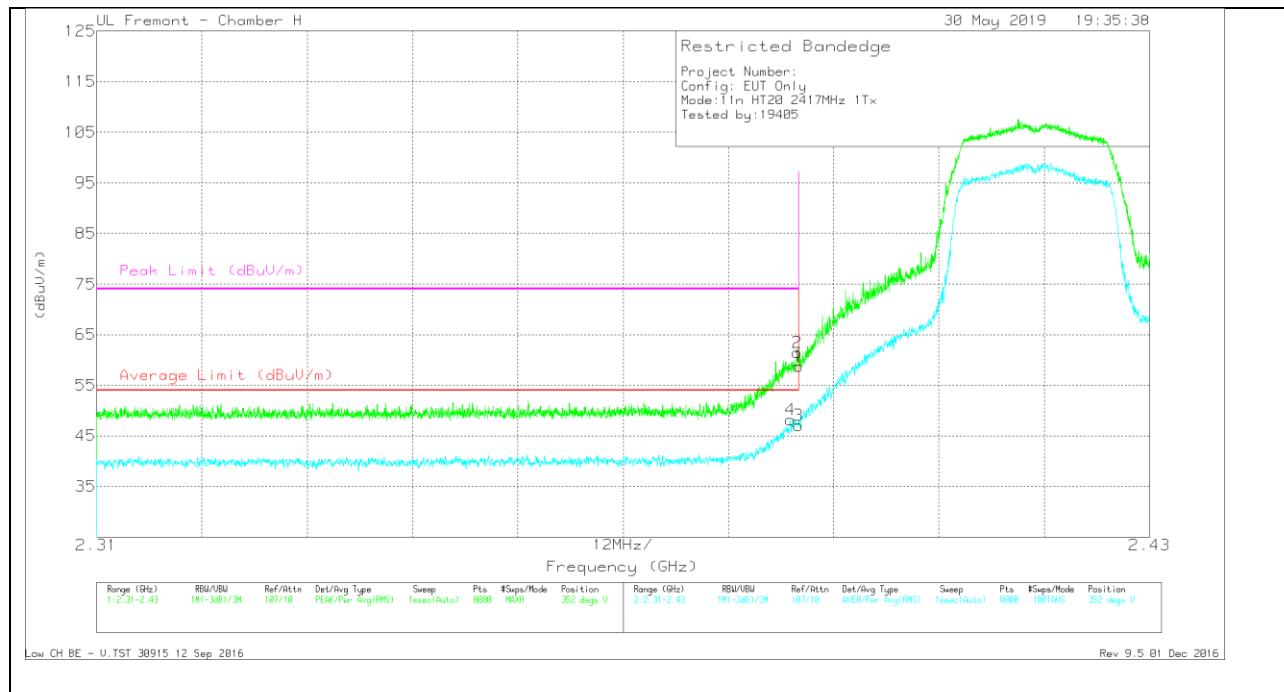
Pk - Peak detector

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 T136 (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	50.68	Pk	31.6	-23.5	58.78	-	-	74	-15.22	352	349	V
2	* 2.39	53.35	Pk	31.6	-23.5	61.45	-	-	74	-12.55	352	349	V
3	* 2.39	38.98	RMS	31.6	-23.5	47.08	54	-6.92	-	-	352	349	V
4	* 2.389	40.07	RMS	31.6	-23.5	48.17	54	-5.83	-	-	352	349	V

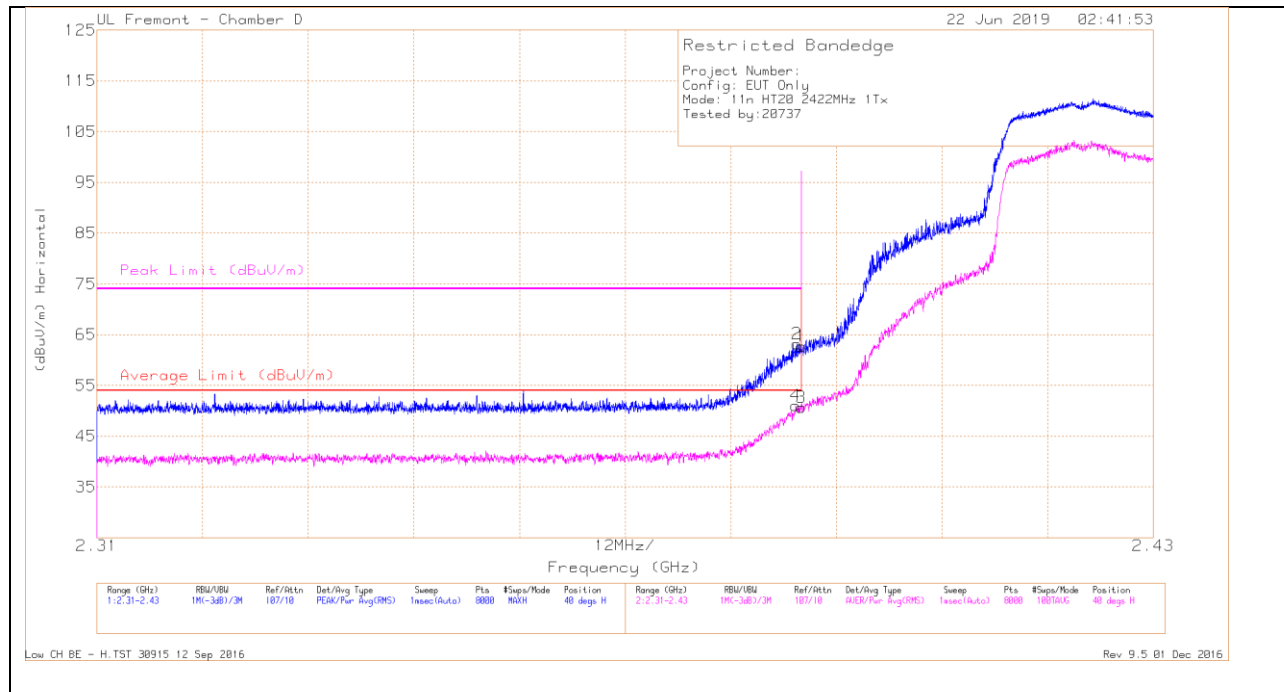
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

Low CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016

BANDEDGE (LOW CHANNEL, CH 3)**HORIZONTAL RESULT**

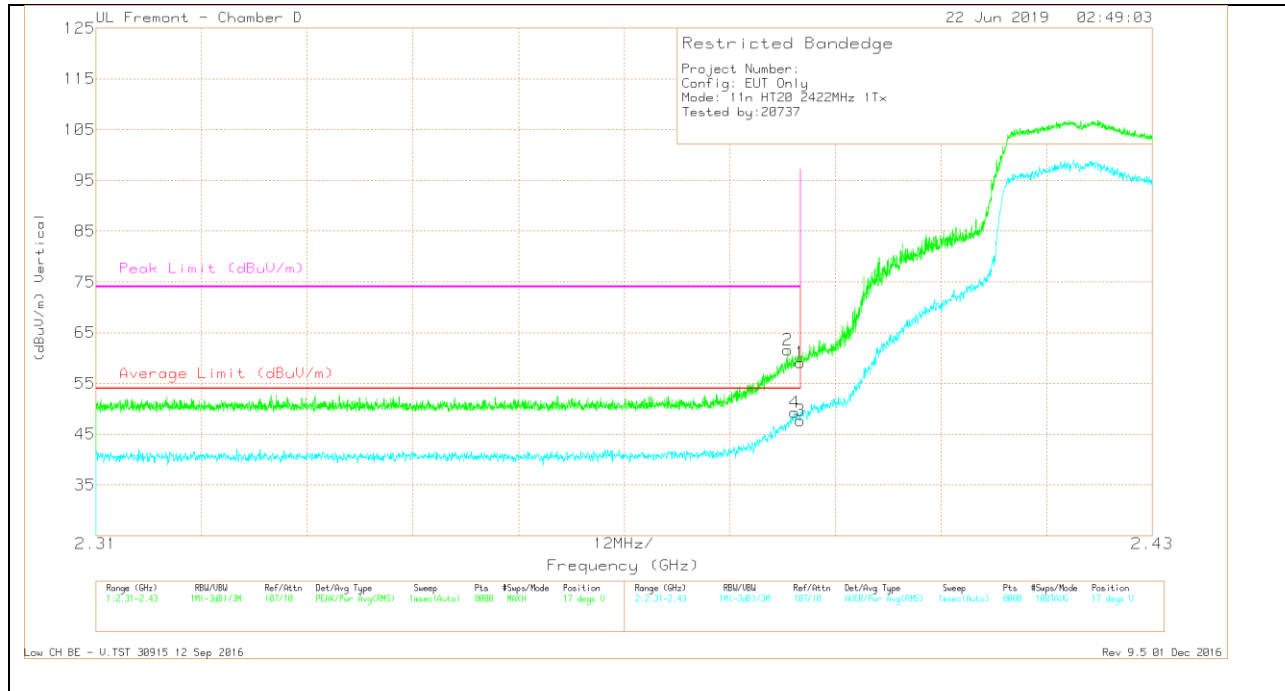
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.36	Pk	32	-20.6	62.76	-	-	74	-11.24	40	111	H
2	* 2.39	51.77	Pk	32	-20.6	63.17	-	-	74	-10.83	40	111	H
3	* 2.39	39.26	RMS	32	-20.6	50.66	54	-3.34	-	-	40	111	H
4	* 2.389	39.63	RMS	32	-20.6	51.03	54	-2.97	-	-	40	111	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

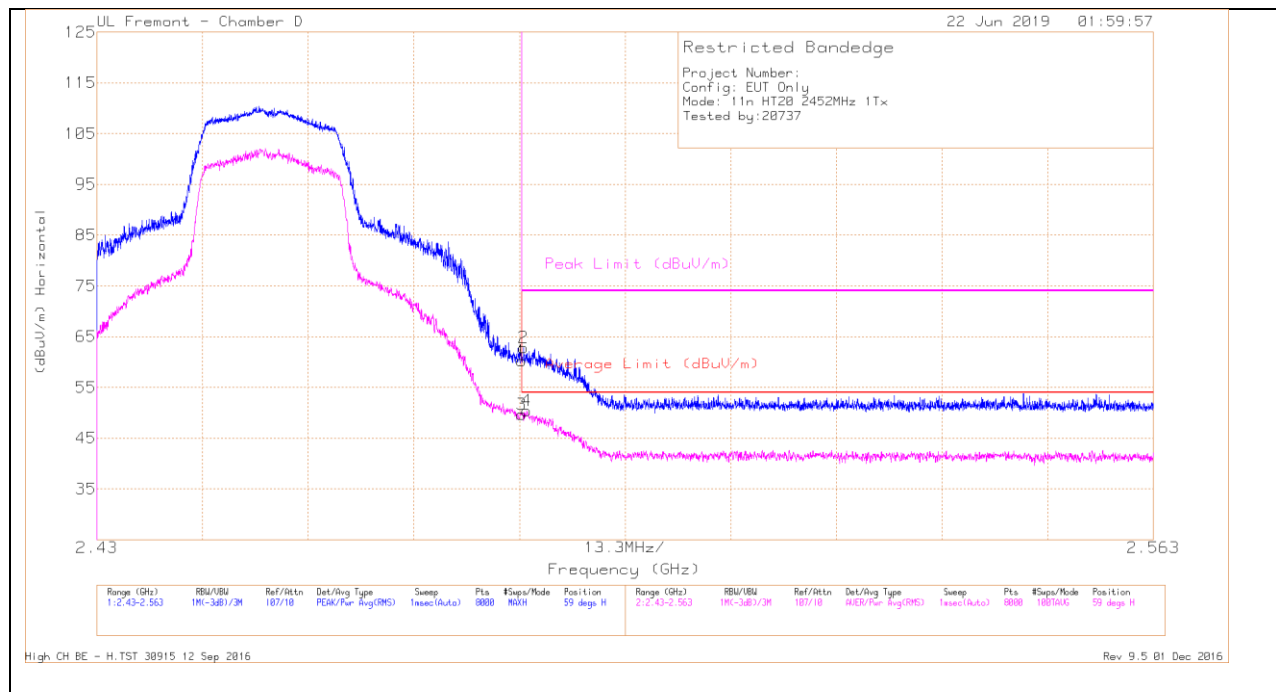


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.73	Pk	32	-20.6	59.13	-	-	74	-14.87	17	349	V
2	* 2.389	50.23	Pk	32	-20.6	61.63	-	-	74	-12.37	17	349	V
3	* 2.39	36.33	RMS	32	-20.6	47.73	54	-6.27	-	-	17	349	V
4	* 2.389	37.87	RMS	32	-20.6	49.27	54	-4.73	-	-	17	349	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)**HORIZONTAL RESULT**

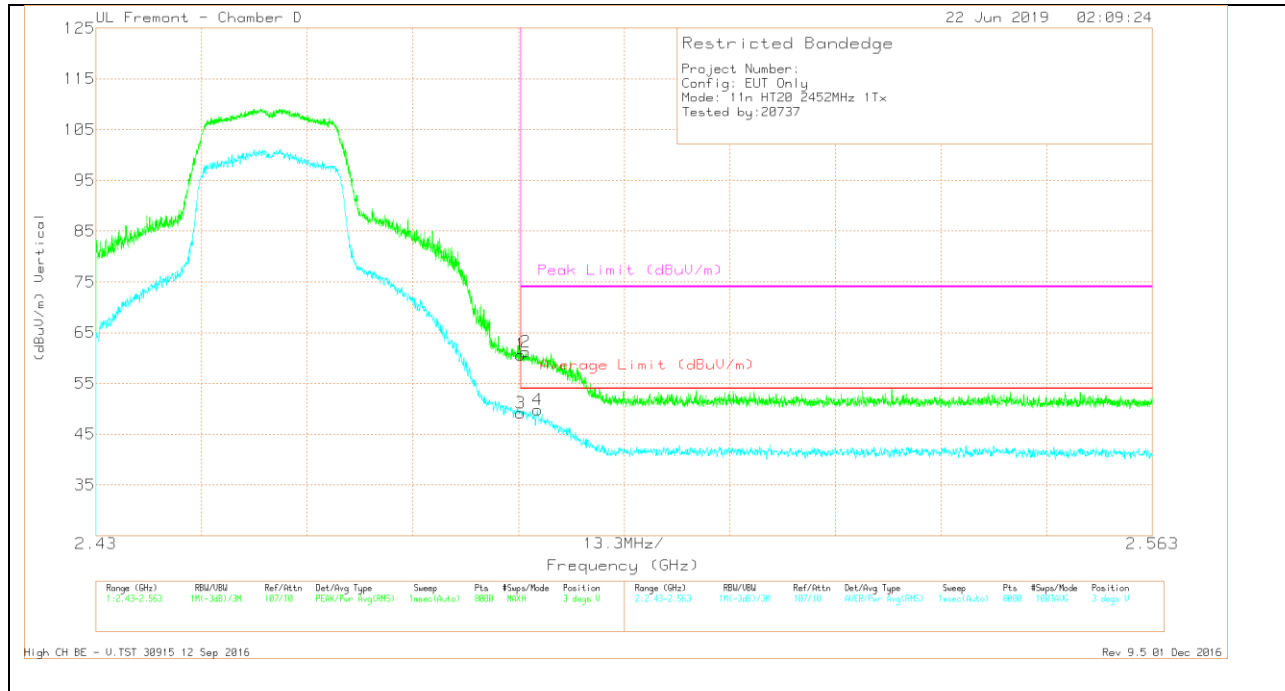
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.37	Pk	32.4	-20.6	60.17	-	-	74	-13.83	59	221	H
2	* 2.484	51.08	Pk	32.4	-20.6	62.88	-	-	74	-11.12	59	221	H
3	* 2.484	37.9	RMS	32.4	-20.6	49.7	54	-4.3	-	-	59	221	H
4	* 2.484	38.66	RMS	32.3	-20.6	50.36	54	-3.64	-	-	59	221	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

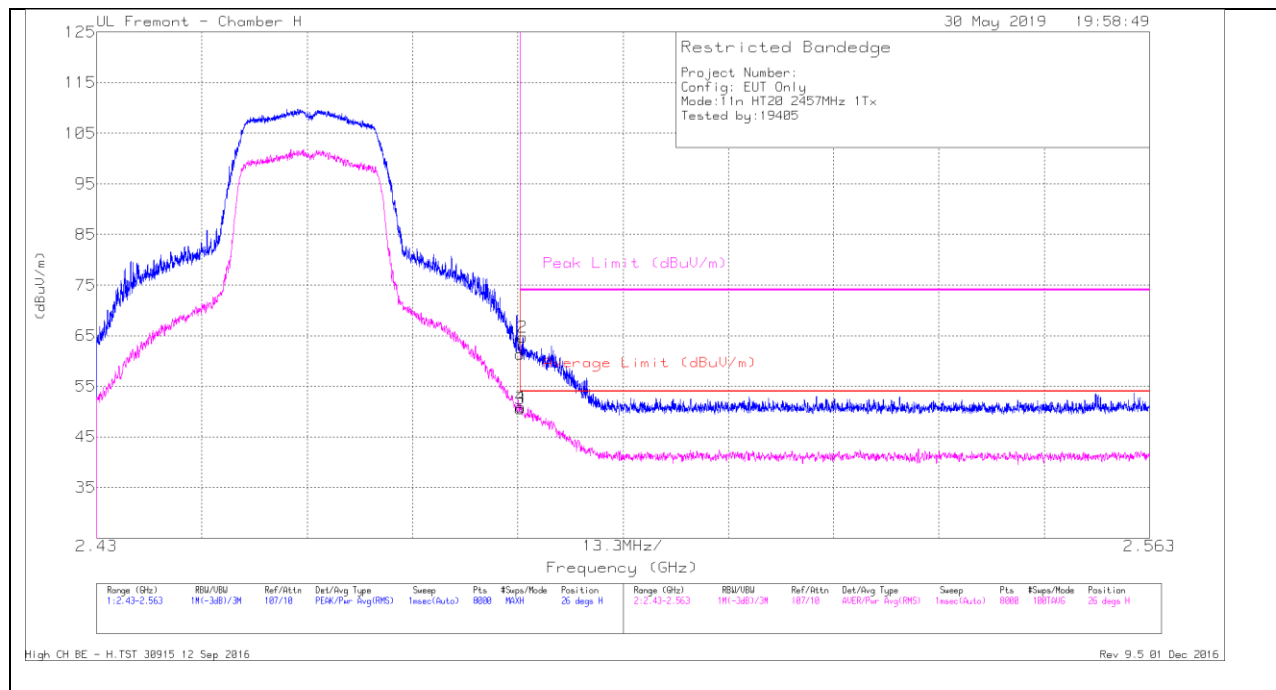


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.86	Pk	32.4	-20.6	60.66	-	-	74	-13.34	3	369	V
2	* 2.484	49.48	Pk	32.3	-20.6	61.18	-	-	74	-12.82	3	369	V
3	* 2.484	37.33	RMS	32.4	-20.6	49.13	54	-4.87	-	-	3	369	V
4	* 2.486	38.09	RMS	32.3	-20.6	49.79	54	-4.21	-	-	3	369	V

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

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.39	Pk	32.3	-23.3	61.39	-	-	74	-12.61	26	144	H
2	* 2.484	55.67	Pk	32.3	-23.3	64.67	-	-	74	-9.33	26	144	H
3	* 2.484	41.57	RMS	32.3	-23.3	50.57	54	-3.43	-	-	26	144	H
4	* 2.484	41.95	RMS	32.3	-23.3	50.95	54	-3.05	-	-	26	144	H

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

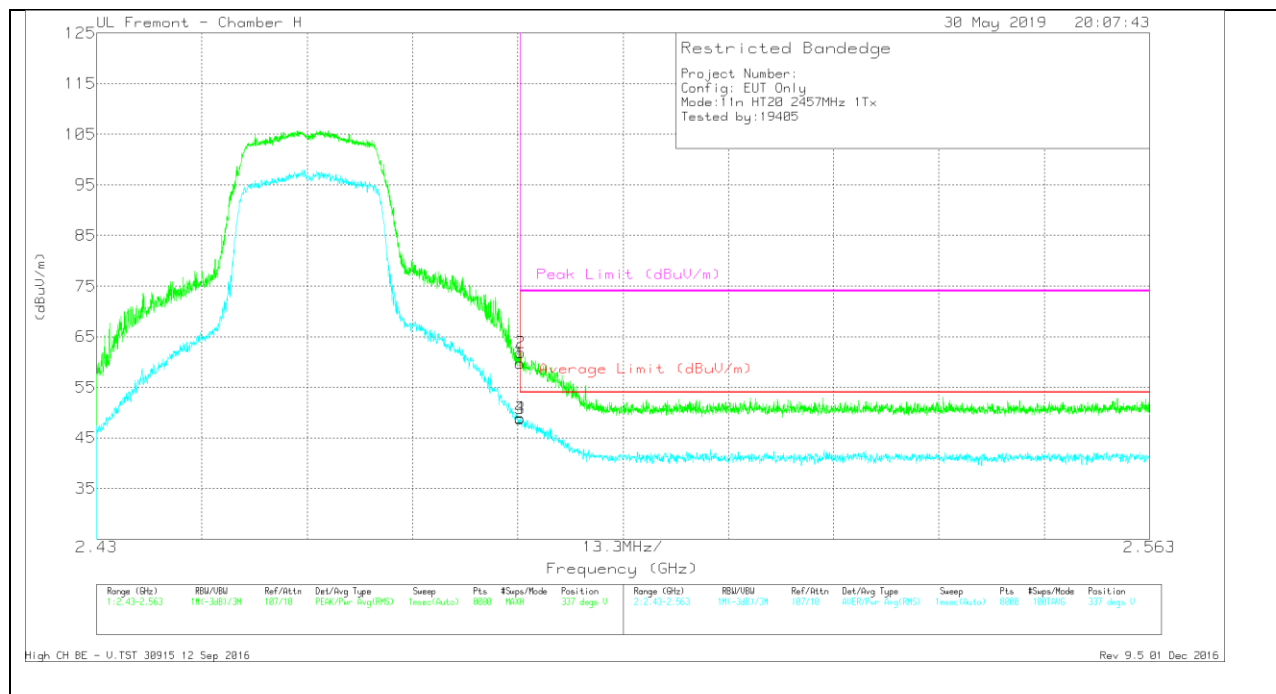
Pk - Peak detector

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 T136 (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	50.74	Pk	32.3	-23.3	59.74	-	-	74	-14.26	337	367	V
2	* 2.484	52.85	Pk	32.3	-23.3	61.85	-	-	74	-12.15	337	367	V
3	* 2.484	39.86	RMS	32.3	-23.3	48.86	54	-5.14	-	-	337	367	V
4	* 2.484	39.9	RMS	32.3	-23.3	48.9	54	-5.1	-	-	337	367	V

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

Pk - Peak detector

RMS - RMS detection

High CH BE - V.TST 30915 12 Sep 2016

Rev 9.5 01 Dec 2016