

UL Fremont - Chamber G

30 Jun 2019 01:29:09

Restricted Bandedge

Project Number:
Config: EUT Only
Mode: T1ax HE20 2412MHz ITx
Tested by: 19470

(dBuV/m)

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

12MHz/

Frequency (GHz)

Range (GHz)	RBW/ABW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position	Range (GHz)	RBW/ABW	Ref/Attn	Det/Avg Type	Sweep	Pts	#Seps/Mode	Position
1.2-2.4	1M/3dB/1M	107/10	PLM/Tot Avg (RMS)	Trace (HAW)	4096	1600	332 deg	2.4-2.43	1M/3dB/1M	107/10	PLM/Tot Avg (RMS)	Trace (HAW)	4096	1600	332 deg

Low CH RF - U.T.S.T. 30915 12 Sep 2016

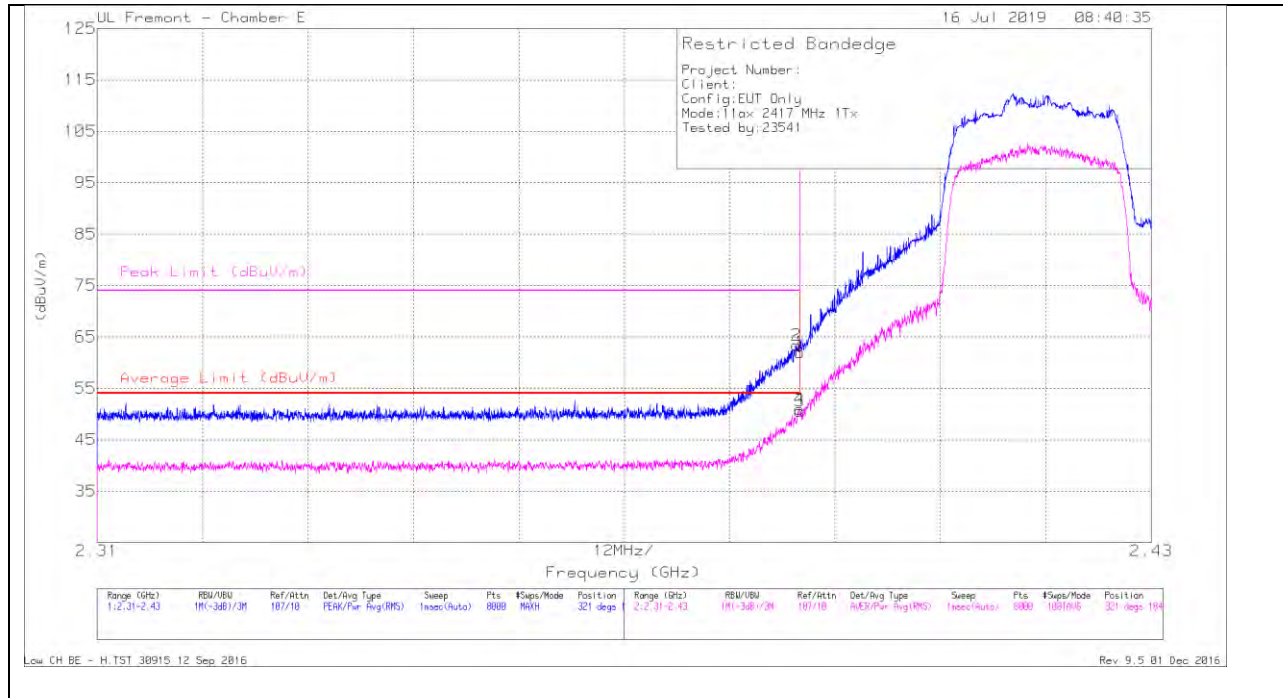
Rev 9.5.01 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Ctrl/Filt/r/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	53	Pk	31.9	-22.2	62.7	-	-	74	-11.3	332	319	V
2	* 2.39	56.39	Pk	31.9	-22.2	66.09	-	-	74	-7.91	332	319	V
3	* 2.39	37.03	RMS	31.9	-22.2	46.73	54	-7.27	-	-	332	319	V
4	* 2.39	38.15	RMS	31.9	-22.2	47.85	54	-6.15	-	-	332	319	V

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



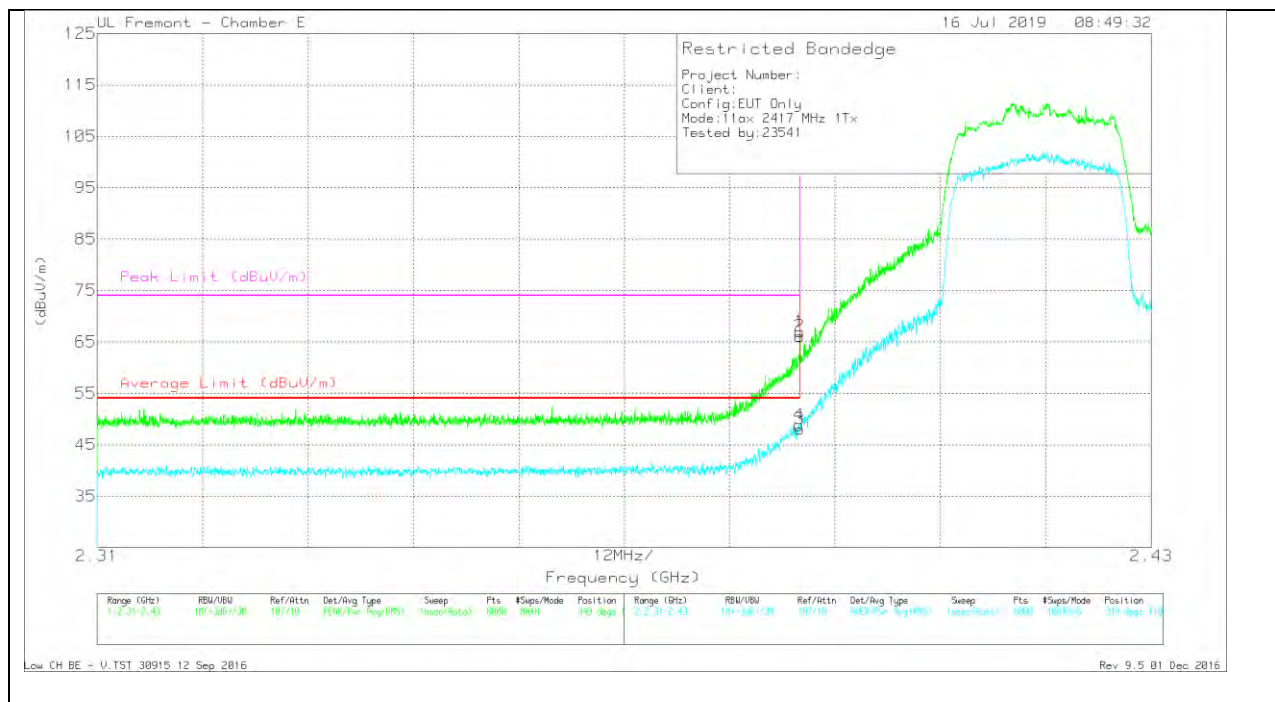
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.92	Pk	32.3	-26.2	62.02	-	-	74	-11.98	321	184	H
2	* 2.39	57.28	Pk	32.3	-26.2	63.38	-	-	74	-10.62	321	184	H
3	* 2.39	44.51	RMS	32.3	-26.2	50.61	54	-3.39	-	-	321	184	H
4	* 2.39	44.83	RMS	32.3	-26.2	50.93	54	-3.07	-	-	321	184	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)	Dot	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	60.89	Pk	32.3	-26.2	66.99	-	-	74	-7.01	349	110	V
2	* 2.39	60.04	Pk	32.3	-26.2	66.14	-	-	74	-7.86	349	110	V
3	* 2.39	41.96	RMS	32.3	-26.2	48.06	54	-5.94	-	-	349	110	V
4	* 2.39	42.71	RMS	32.3	-26.2	48.81	54	-5.19	-	-	349	110	V

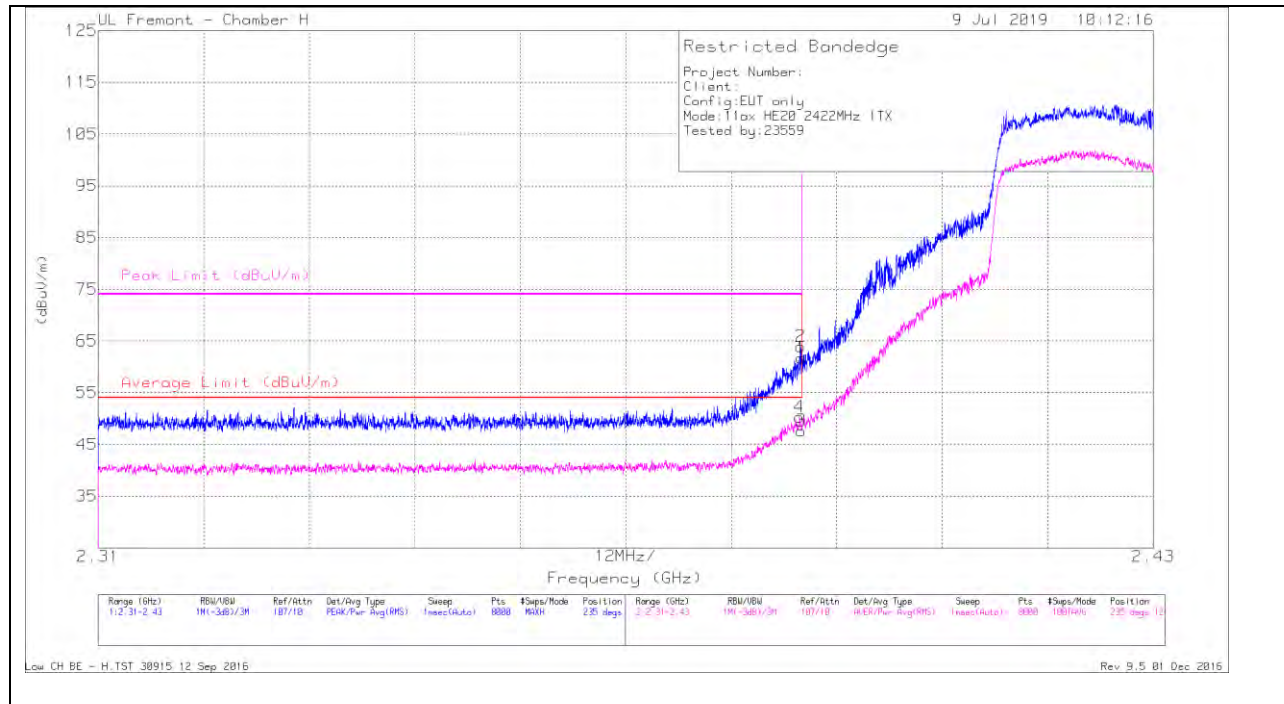
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



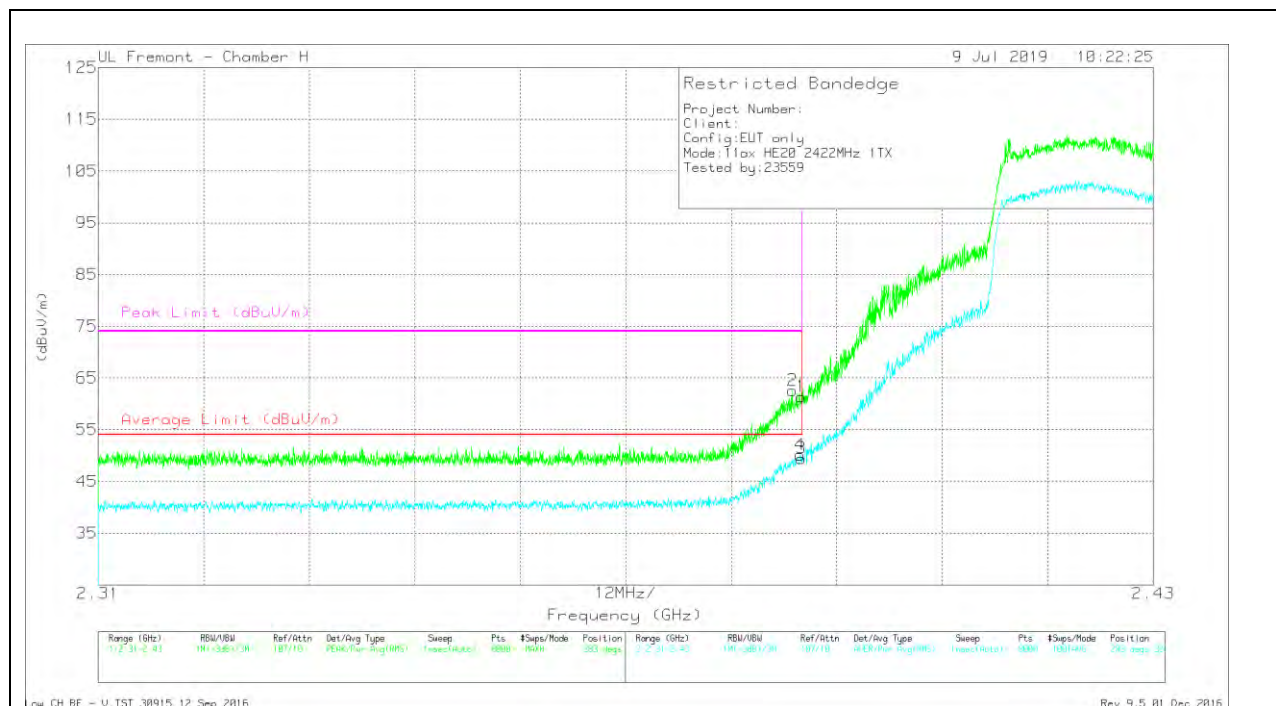
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.1	Pk	32.1	-23.5	61.7	-	-	74	-12.3	235	124	H
2	* 2.39	55.35	Pk	32.1	-23.5	63.95	-	-	74	-10.05	235	124	H
3	* 2.39	39.03	RMS	32.1	-23.5	47.63	54	-6.37	-	-	235	124	H
4	* 2.39	41.69	RMS	32.1	-23.5	50.29	54	-3.71	-	-	235	124	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/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	52.8	Pk	32.1	-23.5	61.4	-	-	74	-12.6	283	320	V
2	* 2.389	53.98	Pk	32.1	-23.5	62.58	-	-	74	-11.42	283	320	V
3	* 2.39	40.88	RMS	32.1	-23.5	49.48	54	-4.52	-	-	283	320	V
4	* 2.39	41.51	RMS	32.1	-23.5	50.11	54	-3.89	-	-	283	320	V

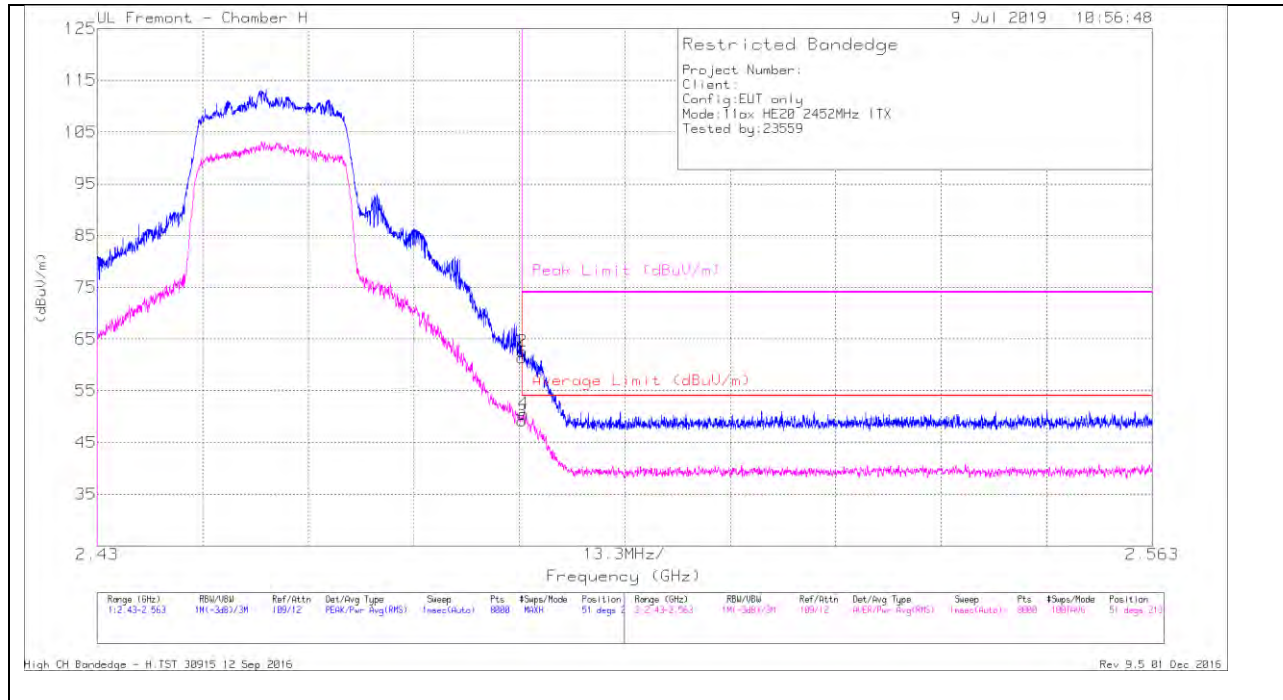
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



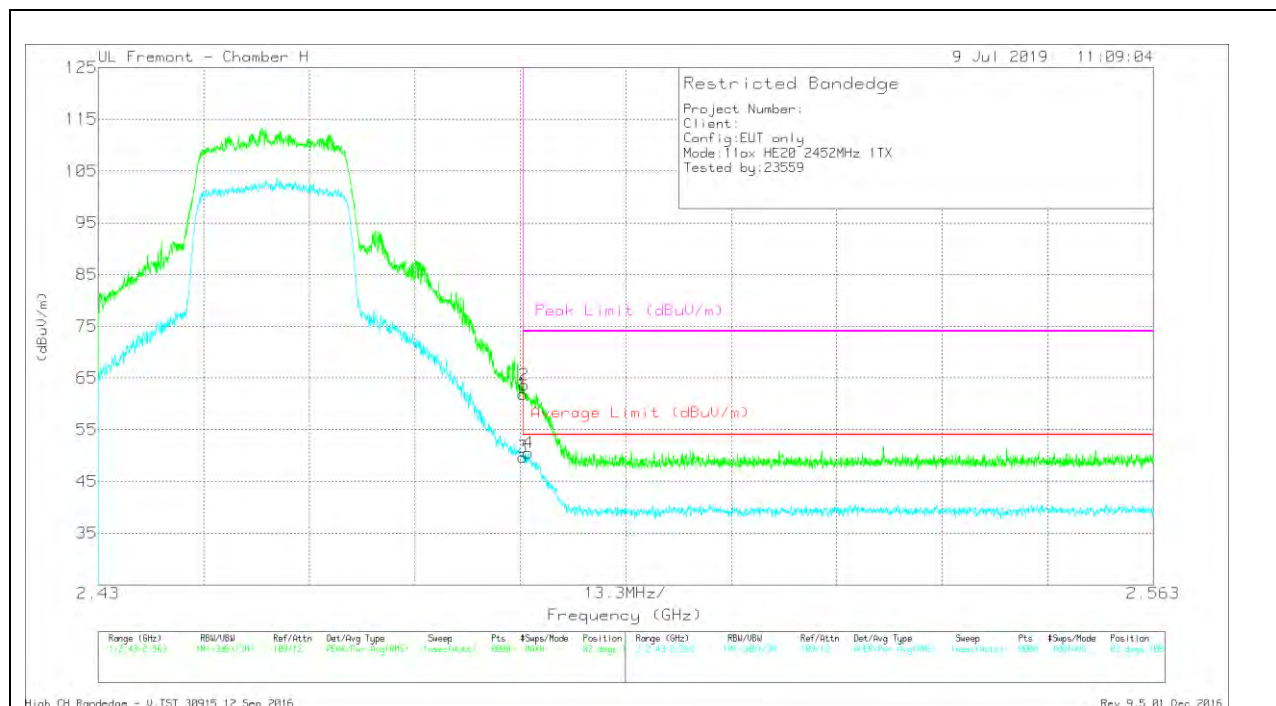
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.33	Pk	32.5	-21.5	61.33	-	-	74	-12.67	51	213	H
2	* 2.484	51.63	Pk	32.5	-21.5	62.63	-	-	74	-11.37	51	213	H
3	* 2.484	38.16	RMS	32.5	-21.5	49.16	54	-4.84	-	-	51	213	H
4	* 2.484	39.56	RMS	32.5	-21.5	50.56	54	-3.44	-	-	51	213	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/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	50.9	Pk	32.5	-21.5	61.9	-	-	74	-12.1	82	108	V
2	* 2.484	52.64	Pk	32.5	-21.5	63.64	-	-	74	-10.36	82	108	V
3	* 2.484	38.69	RMS	32.5	-21.5	49.69	54	-4.31	-	-	82	108	V
4	* 2.484	39.51	RMS	32.5	-21.5	50.51	54	-3.49	-	-	82	108	V

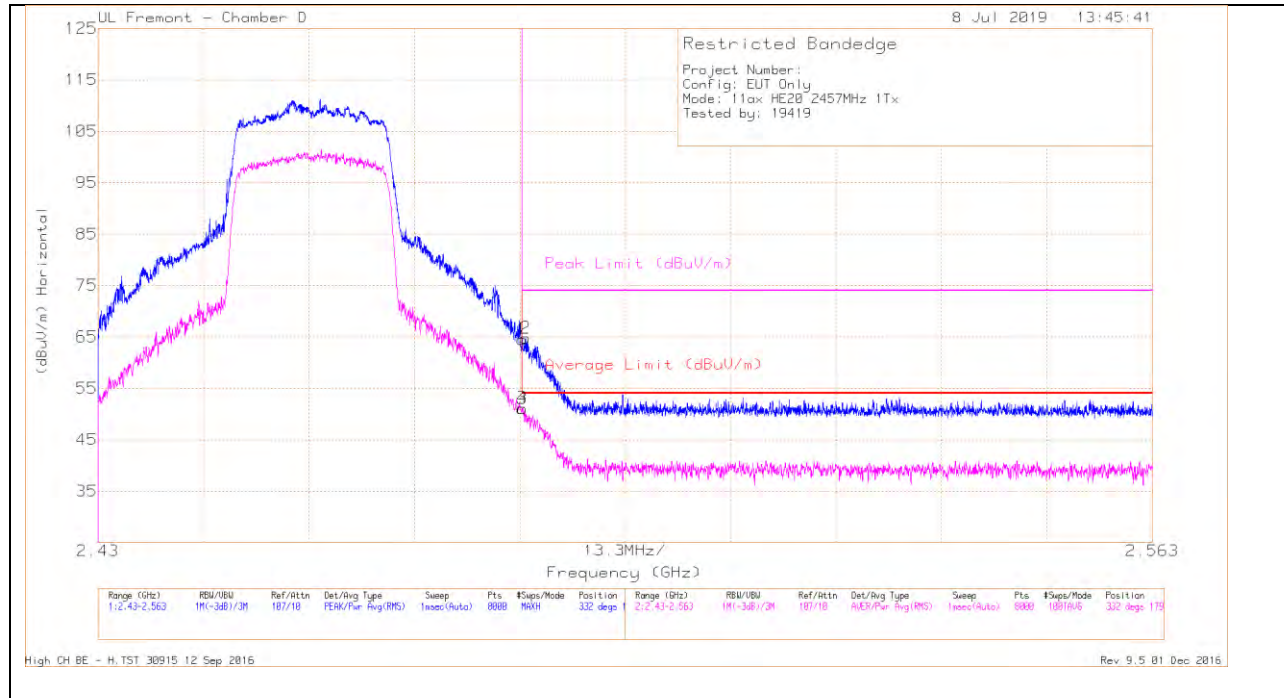
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



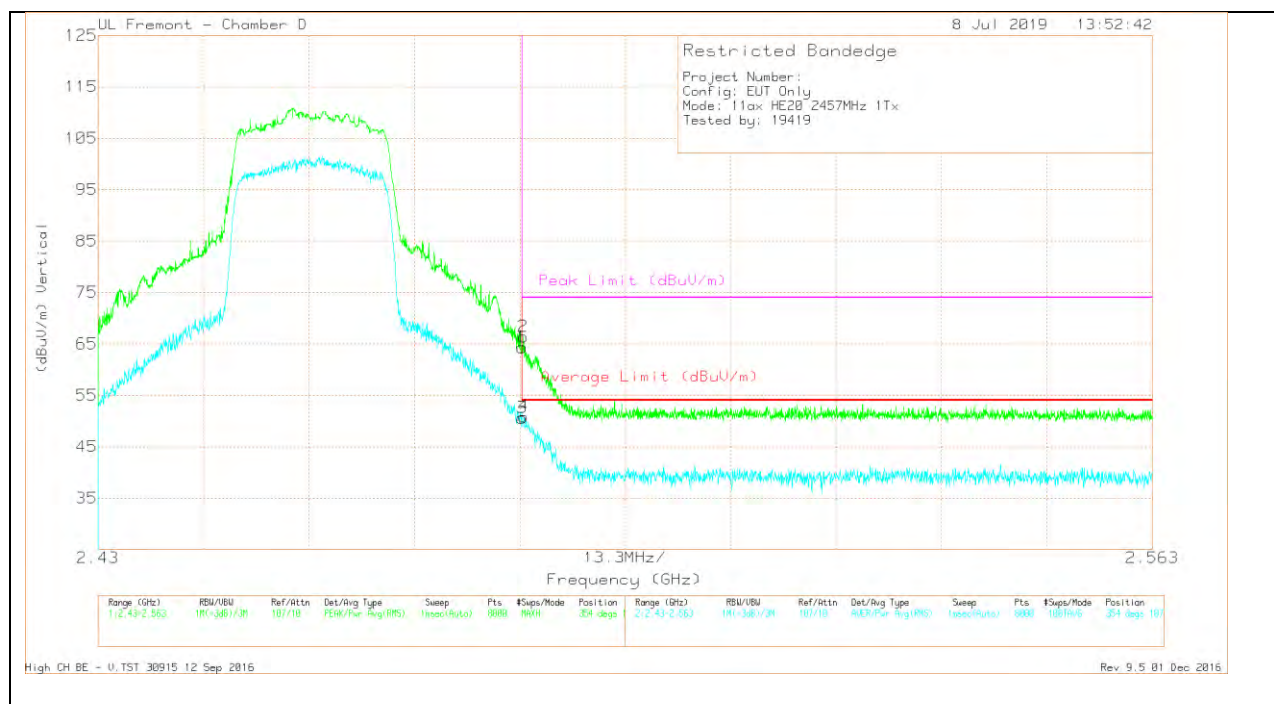
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.76	Pk	32.4	-20.6	64.56	-	-	74	-9.44	332	179	H
2	* 2.484	53.06	Pk	32.3	-20.6	64.76	-	-	74	-9.24	332	179	H
3	* 2.484	39.31	RMS	32.4	-20.6	51.11	54	-2.89	-	-	332	179	H
4	* 2.484	39.32	RMS	32.4	-20.6	51.12	54	-2.88	-	-	332	179	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/Filr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.53	Pk	32.4	-20.6	64.33	-	-	74	-9.67	354	107	V
2	* 2.484	54.61	Pk	32.4	-20.6	66.41	-	-	74	-7.59	354	107	V
3	* 2.484	38.84	RMS	32.4	-20.6	50.64	54	-3.36	-	-	354	107	V
4	* 2.484	39.08	RMS	32.4	-20.6	50.88	54	-3.12	-	-	354	107	V

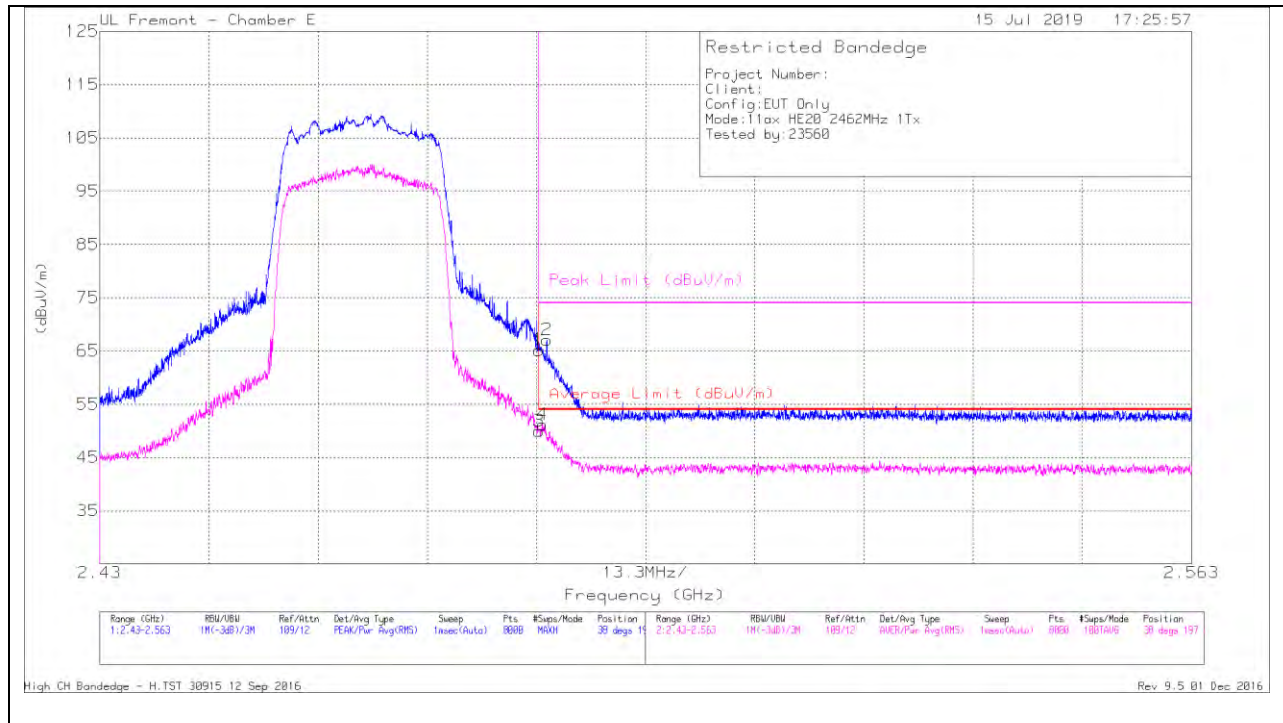
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



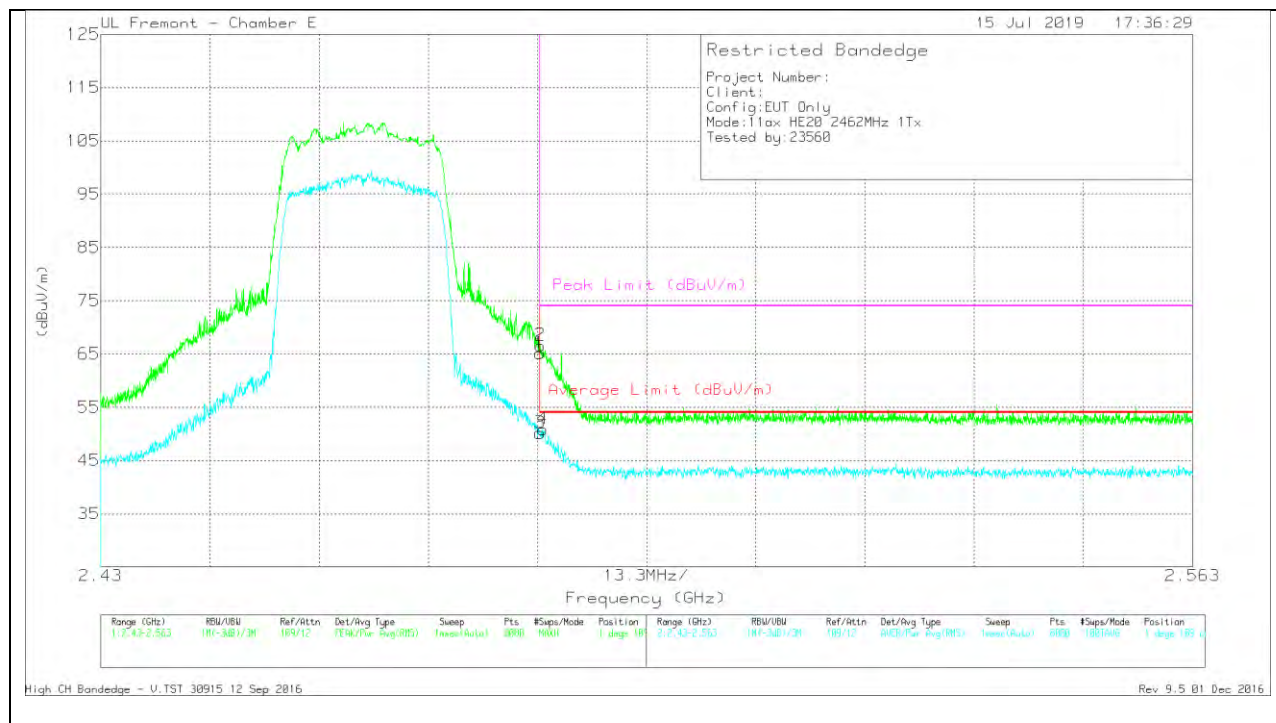
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.45	Pk	32.8	-18.1	65.15	-	-	74	-8.85	38	197	H
2	* 2.484	52.34	Pk	32.8	-18.1	67.04	-	-	74	-6.96	38	197	H
3	* 2.484	35.26	RMS	32.8	-18.1	49.96	54	-4.04	-	-	38	197	H
4	* 2.484	36.46	RMS	32.8	-18.1	51.16	54	-2.84	-	-	38	197	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/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	50.4	Pk	32.8	-18.1	65.1	-	-	74	-8.9	1	109	V
2	* 2.484	51.92	Pk	32.8	-18.1	66.62	-	-	74	-7.38	1	109	V
3	* 2.484	35.46	RMS	32.8	-18.1	50.16	54	-3.84	-	-	1	109	V
4	* 2.484	36.18	RMS	32.8	-18.1	50.88	54	-3.12	-	-	1	109	V

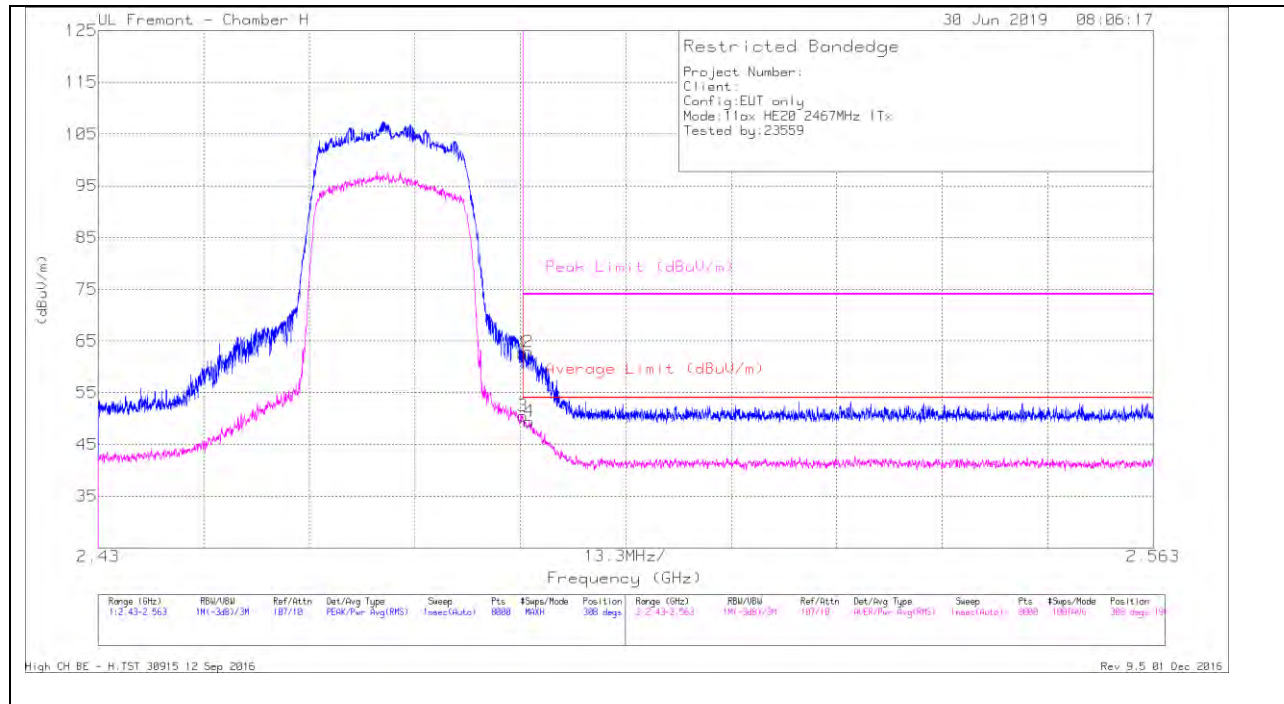
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



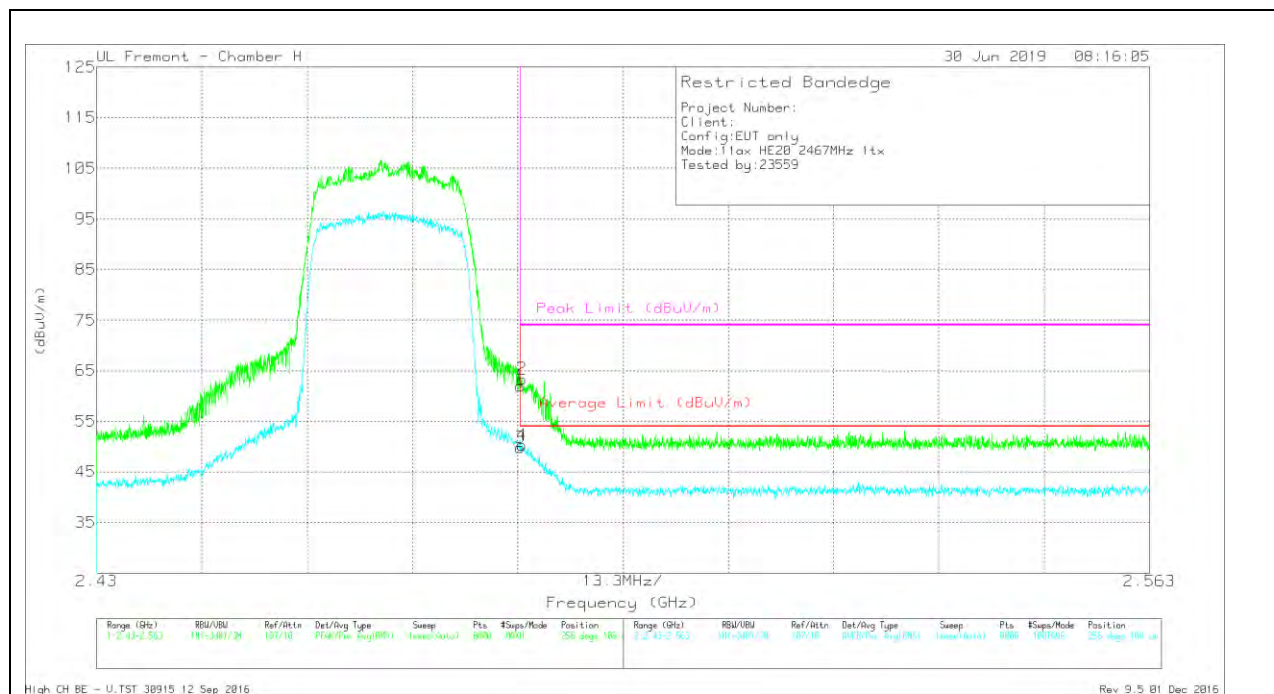
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.44	Pk	32.5	-23.3	62.64	-	-	74	-11.36	308	190	H
2	* 2.484	53.7	Pk	32.5	-23.3	62.9	-	-	74	-11.1	308	190	H
3	* 2.484	41.33	RMS	32.5	-23.3	50.53	54	-3.47	-	-	308	190	H
4	* 2.484	40.26	RMS	32.5	-23.3	49.46	54	-4.54	-	-	308	190	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/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	52.79	Pk	32.5	-23.3	61.99	-	-	74	-12.01	256	108	V
2	* 2.484	54.19	Pk	32.5	-23.3	63.39	-	-	74	-10.61	256	108	V
3	* 2.484	40.58	RMS	32.5	-23.3	49.78	54	-4.22	-	-	256	108	V
4	* 2.484	41.14	RMS	32.5	-23.3	50.34	54	-3.66	-	-	256	108	V

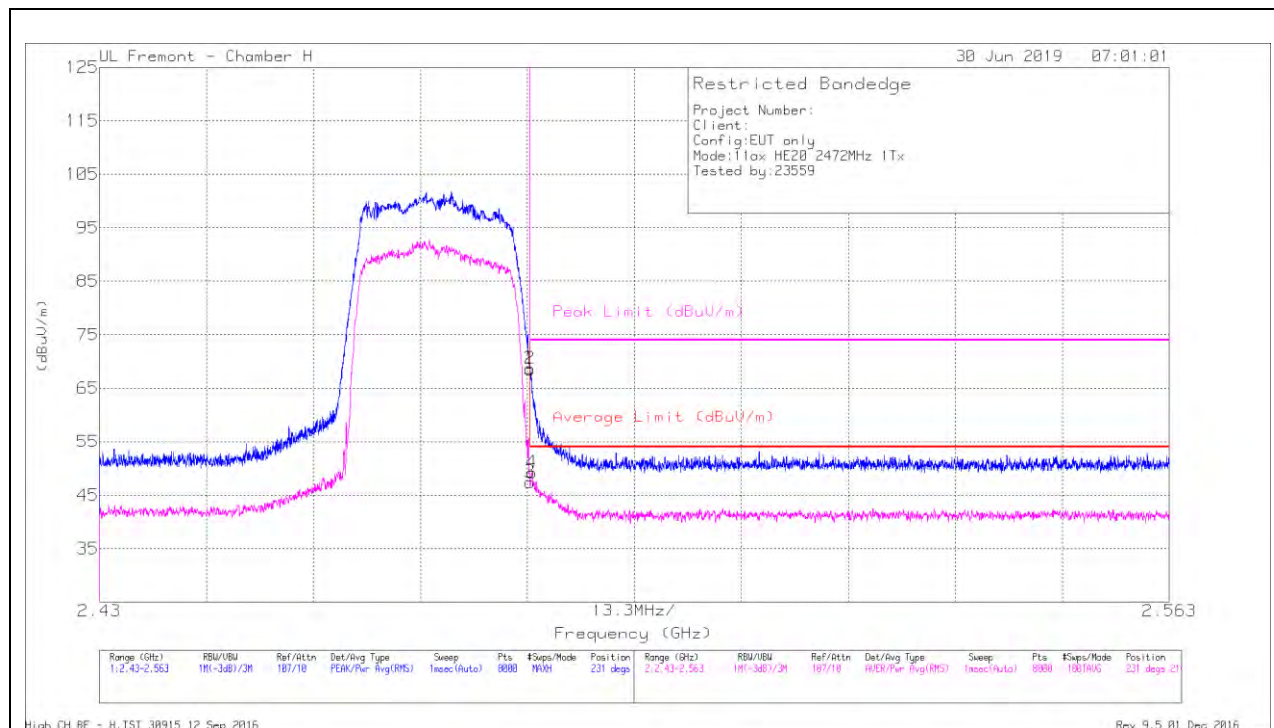
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



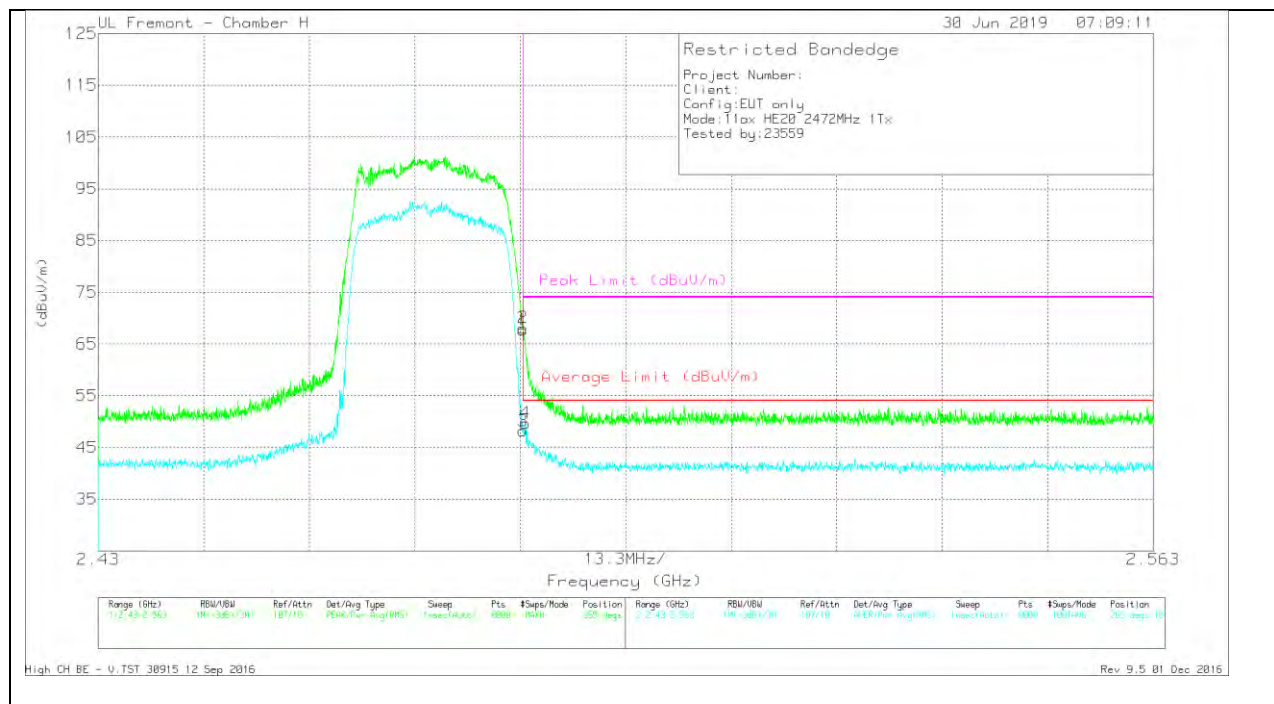
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.33	Pk	32.5	-23.3	68.53	-	-	74	-5.47	231	214	H
2	* 2.484	59.5	Pk	32.5	-23.3	68.7	-	-	74	-5.3	231	214	H
3	* 2.484	38.24	RMS	32.5	-23.3	47.44	54	-6.56	-	-	231	214	H
4	* 2.484	40.03	RMS	32.5	-23.3	49.23	54	-4.77	-	-	231	214	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/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	58.51	Pk	32.5	-23.3	67.71	-	-	74	-6.29	265	107	V
2	* 2.484	58.9	Pk	32.5	-23.3	68.1	-	-	74	-5.9	265	107	V
3	* 2.484	39	RMS	32.5	-23.3	48.2	54	-5.8	-	-	265	107	V
4	* 2.484	40.5	RMS	32.5	-23.3	49.7	54	-4.3	-	-	265	107	V

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

Pk - Peak detector

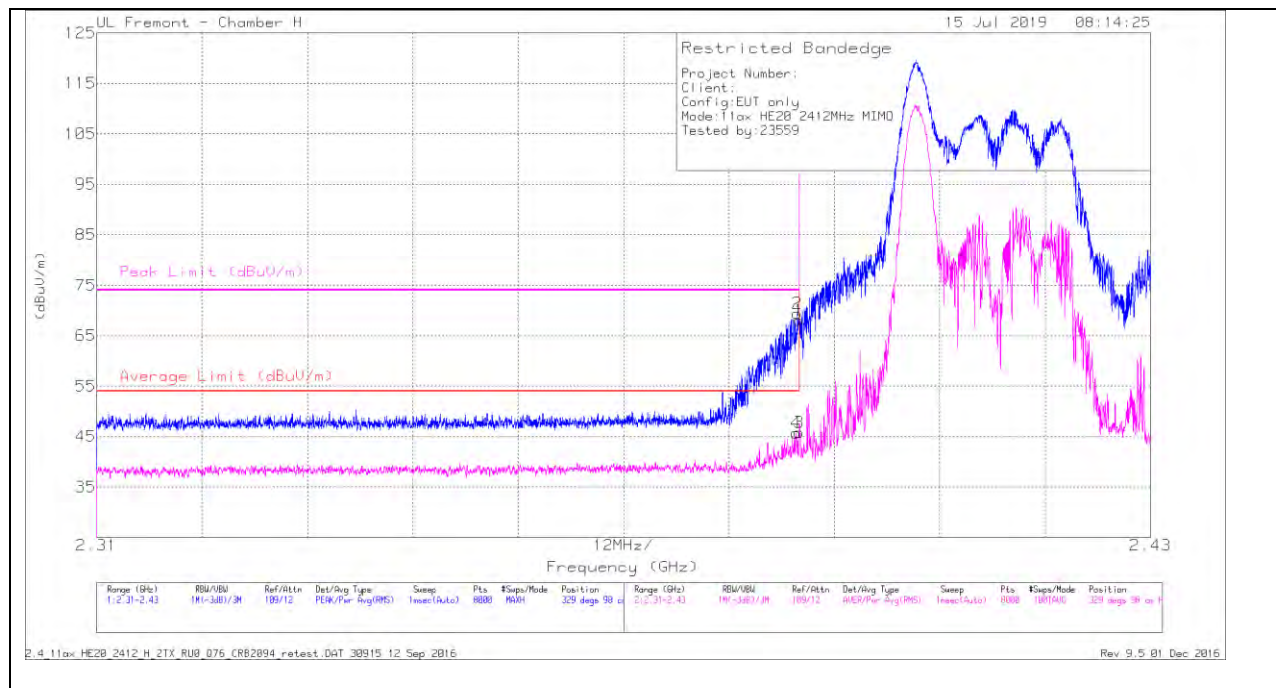
RMS - RMS detection

9.1.4. TX ABOVE 1 GHz 802.11ax HE20 OFDMA MODE IN THE 2.4 GHz BAND

2TX ANTENNA 4 + ANTENNA 3 OFDMA MODE: 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



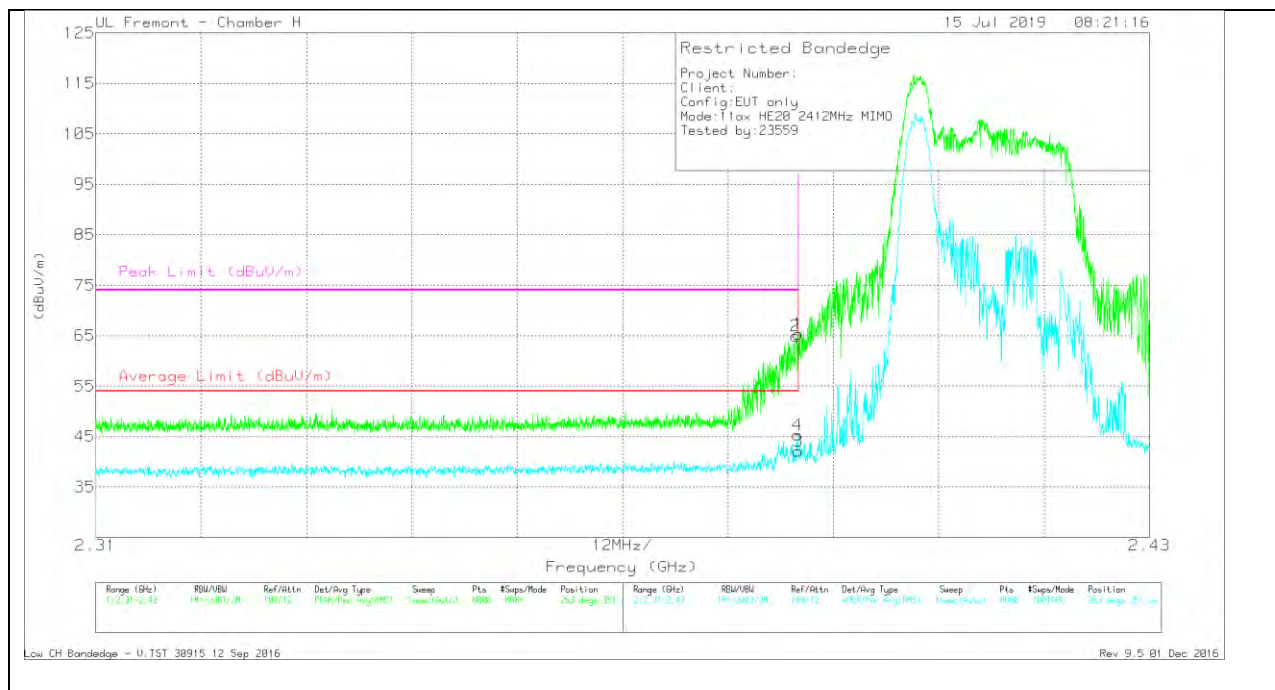
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	57.39	Pk	32.1	-21.4	68.09	-	-	74	-5.91	329	98	H
2	* 2.39	58.7	Pk	32.1	-21.4	69.4	-	-	74	-4.6	329	98	H
3	* 2.39	35.1	RMS	32.1	-21.4	45.8	54	-8.2	-	-	329	98	H
4	* 2.39	35.02	RMS	32.1	-21.4	45.72	54	-8.28	-	-	329	98	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/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	54.67	Pk	32.1	-21.4	65.37	-	-	74	-8.63	263	351	V
2	* 2.39	54.23	Pk	32.1	-21.4	64.93	-	-	74	-9.07	263	351	V
3	* 2.39	31.39	RMS	32.1	-21.4	42.09	54	-11.91	-	-	263	351	V
4	* 2.39	34.66	RMS	32.1	-21.4	45.36	54	-8.64	-	-	263	351	V

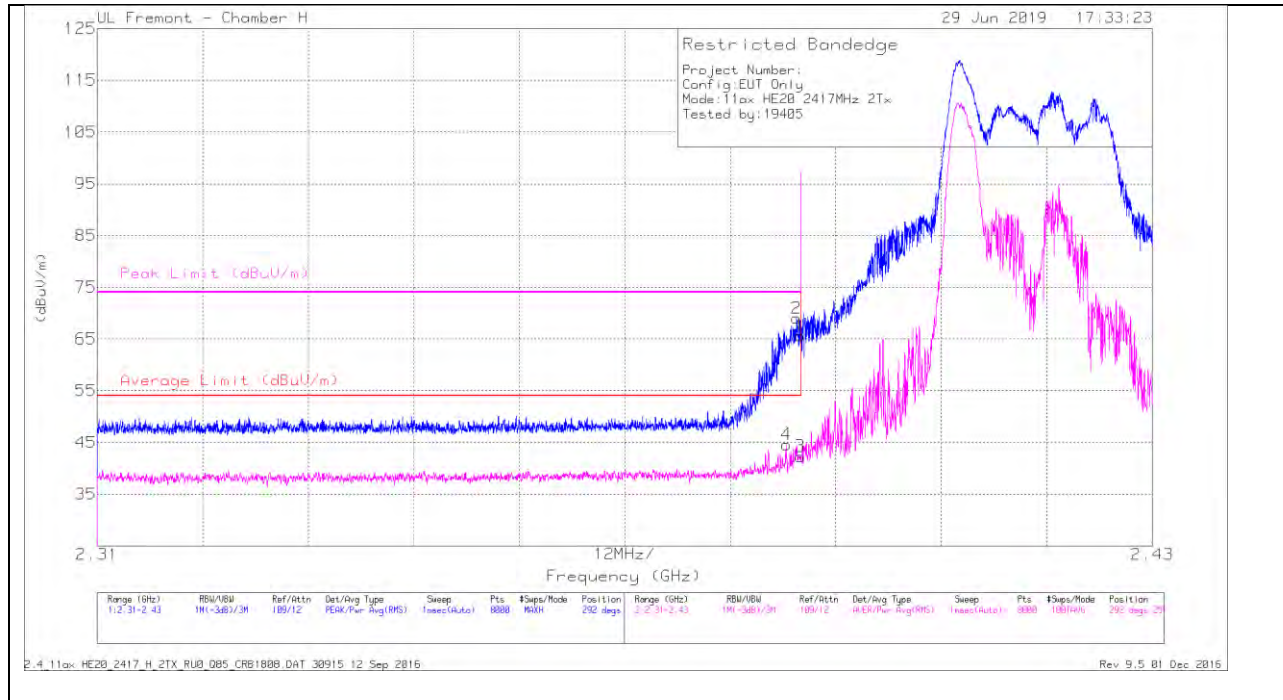
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2

HORIZONTAL RESULT



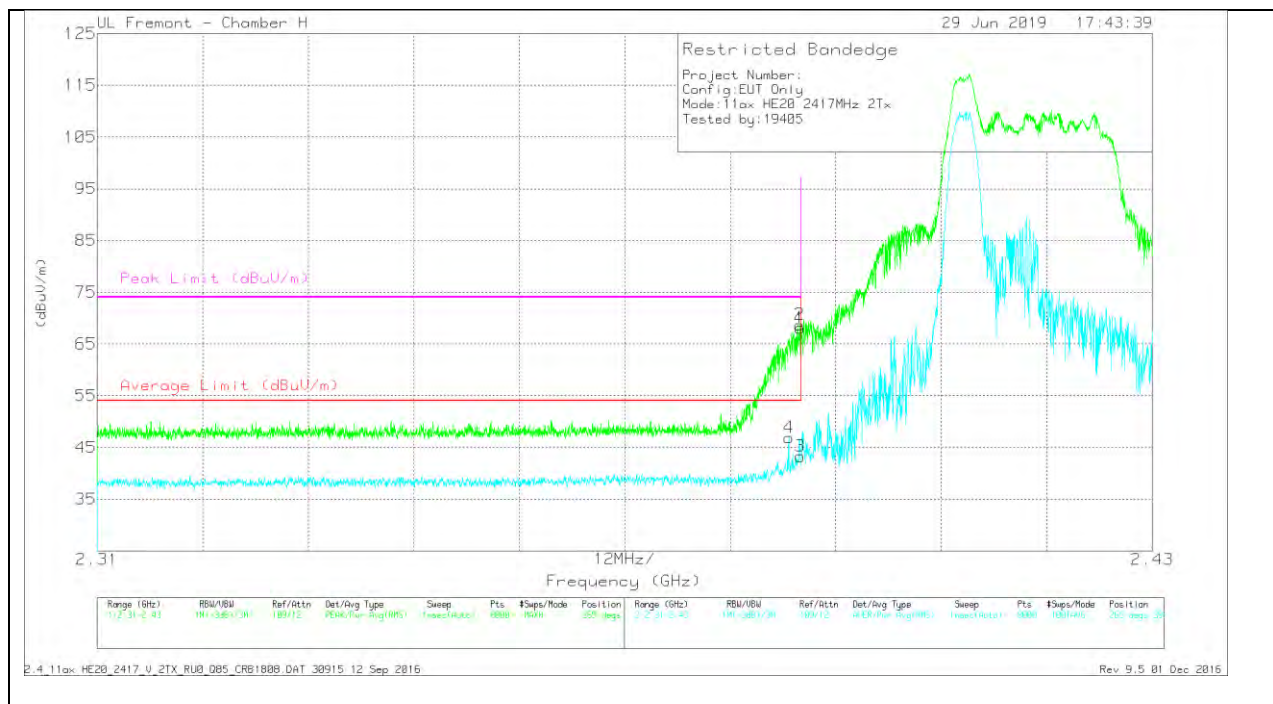
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.96	Pk	32.1	-21.4	65.66	-	-	74	-8.34	292	255	H
2	* 2.39	58.3	Pk	32.1	-21.4	69	-	-	74	-5	292	255	H
3	* 2.39	31.59	RMS	32.1	-21.4	42.29	54	-11.71	-	-	292	255	H
4	* 2.388	33.86	RMS	32.1	-21.4	44.56	54	-9.44	-	-	292	255	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/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	57.41	Pk	32.1	-21.4	68.11	-	-	74	-5.89	265	398	V
2	* 2.39	58.01	Pk	32.1	-21.4	68.71	-	-	74	-5.29	265	398	V
3	* 2.39	32.59	RMS	32.1	-21.4	43.29	54	-10.71	-	-	265	398	V
4	* 2.389	36.2	RMS	32.1	-21.4	46.9	54	-7.1	-	-	265	398	V

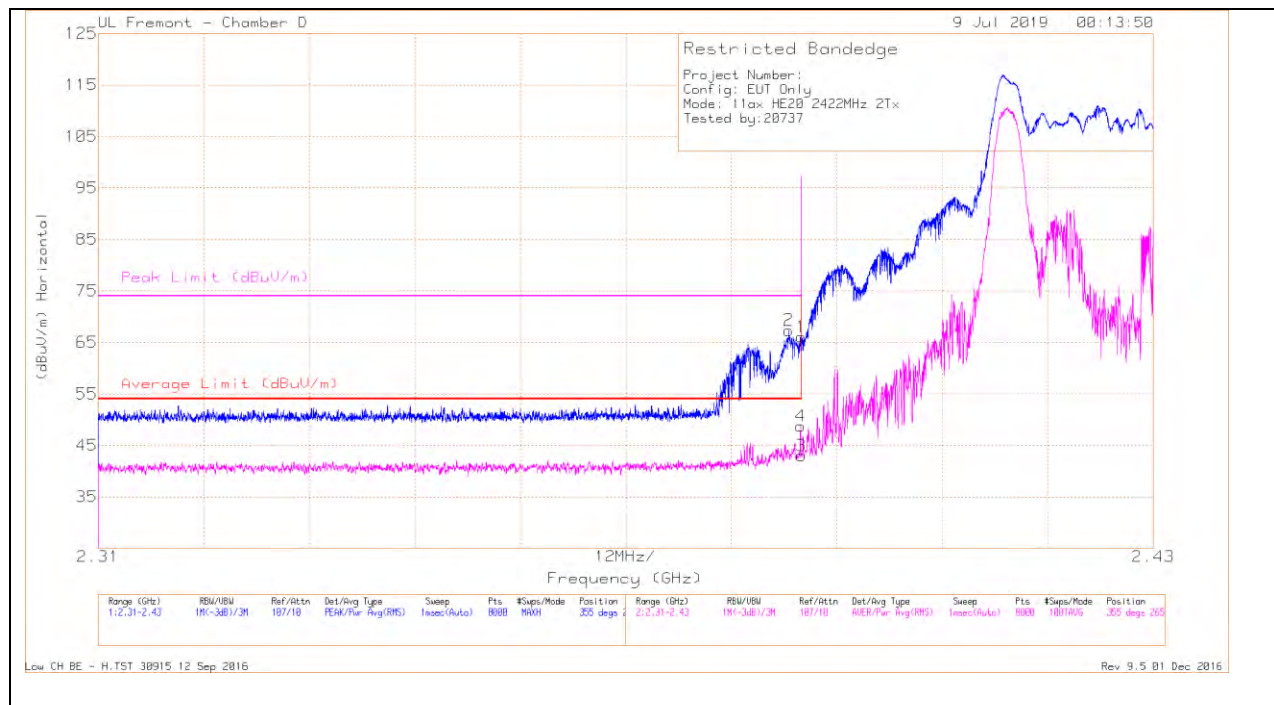
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



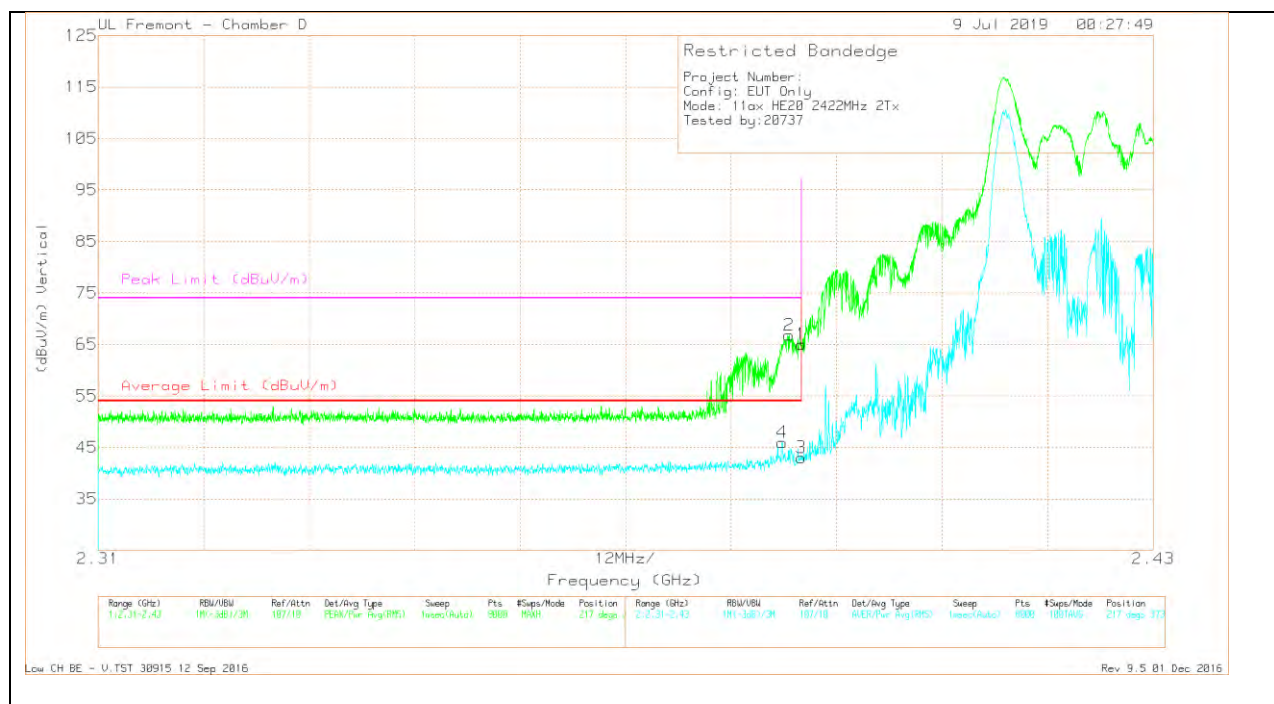
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	55.96	Pk	32	-20.6	67.36	-	-	74	-6.64	355	265	H
1	* 2.39	54.68	Pk	32	-20.6	66.08	-	-	74	-7.92	355	265	H
3	* 2.39	31.58	RMS	32	-20.6	42.98	54	-11.02	-	-	355	265	H
4	* 2.39	37.34	RMS	32	-20.6	48.74	54	-5.26	-	-	355	265	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.388	34.55	RMS	32	-20.6	45.95	54	-8.05	-	-	217	373	V
2	* 2.389	55.4	Pk	32	-20.6	66.8	-	-	74	-7.2	217	373	V
1	* 2.39	53.63	Pk	32	-20.6	65.03	-	-	74	-8.97	217	373	V
3	* 2.39	31.62	RMS	32	-20.6	43.02	54	-10.98	-	-	217	373	V

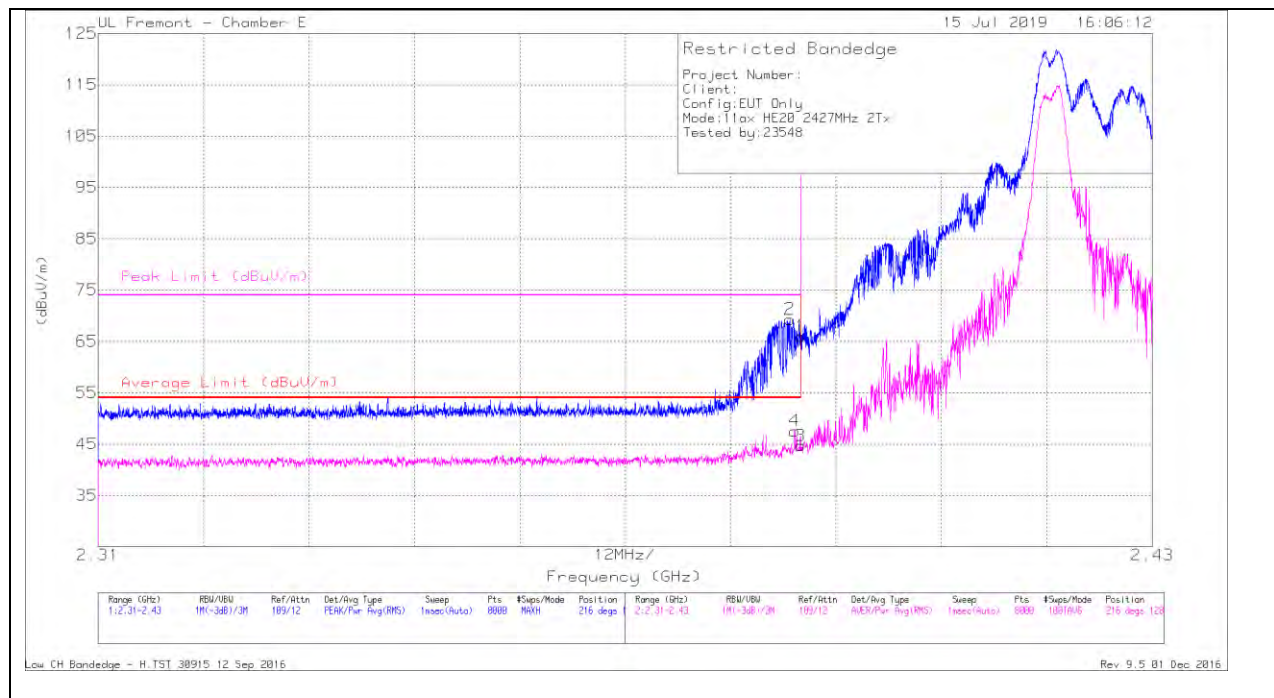
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



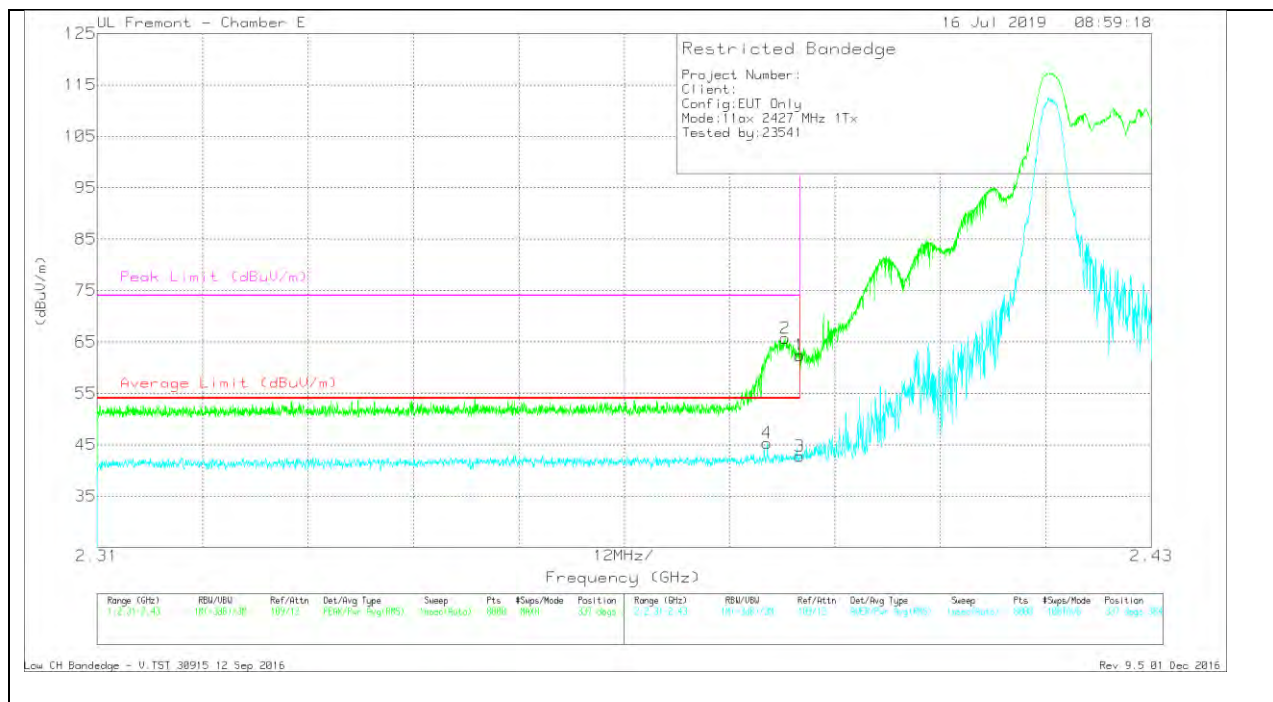
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.99	Pk	32.3	-18.3	65.99	-	-	74	-8.01	216	128	H
2	* 2.389	55.31	Pk	32.3	-18.3	69.31	-	-	74	-4.69	216	128	H
3	* 2.39	30.71	RMS	32.3	-18.3	44.71	54	-9.29	-	-	216	128	H
4	* 2.389	33.58	RMS	32.3	-18.3	47.58	54	-6.42	-	-	216	128	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.386	31.34	RMS	32.3	-18.3	45.34	54	-8.66	-	-	337	384	V
2	* 2.388	51.71	Pk	32.3	-18.3	65.71	-	-	74	-8.29	337	384	V
1	* 2.39	48.37	Pk	32.3	-18.3	62.37	-	-	74	-11.63	337	384	V
3	* 2.39	28.74	RMS	32.3	-18.3	42.74	54	-11.26	-	-	337	384	V

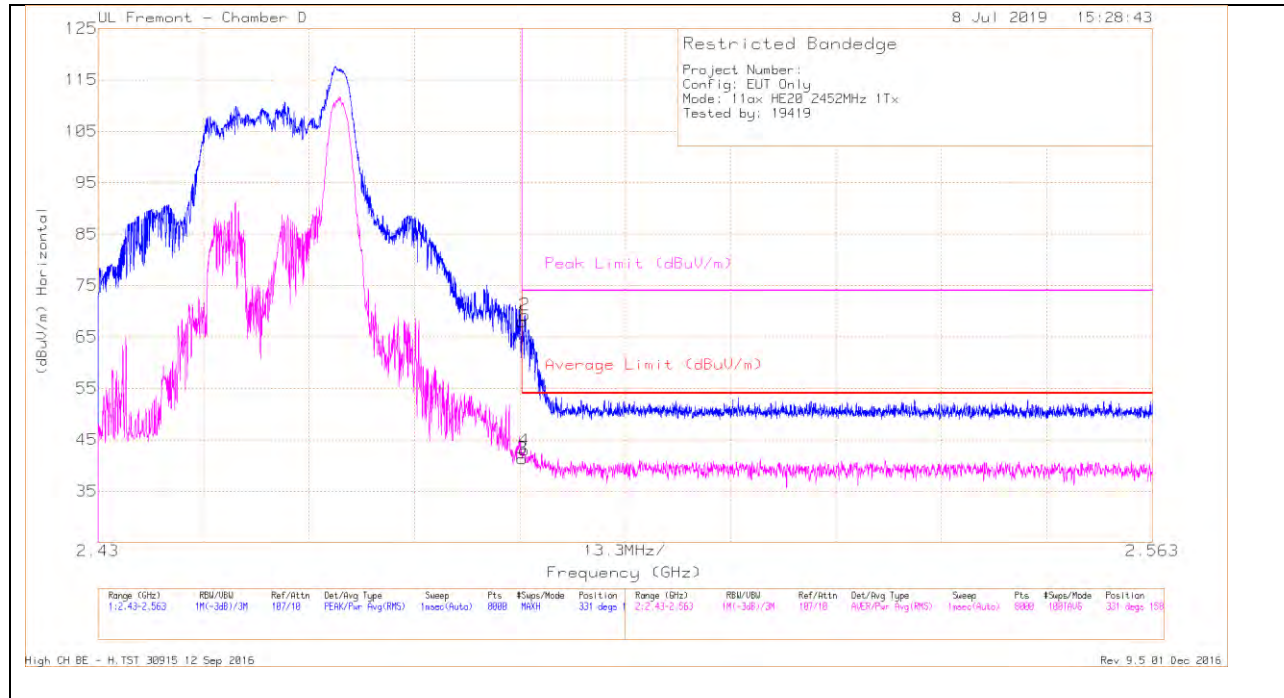
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (LOW CHANNEL, CH 9)

HORIZONTAL RESULT



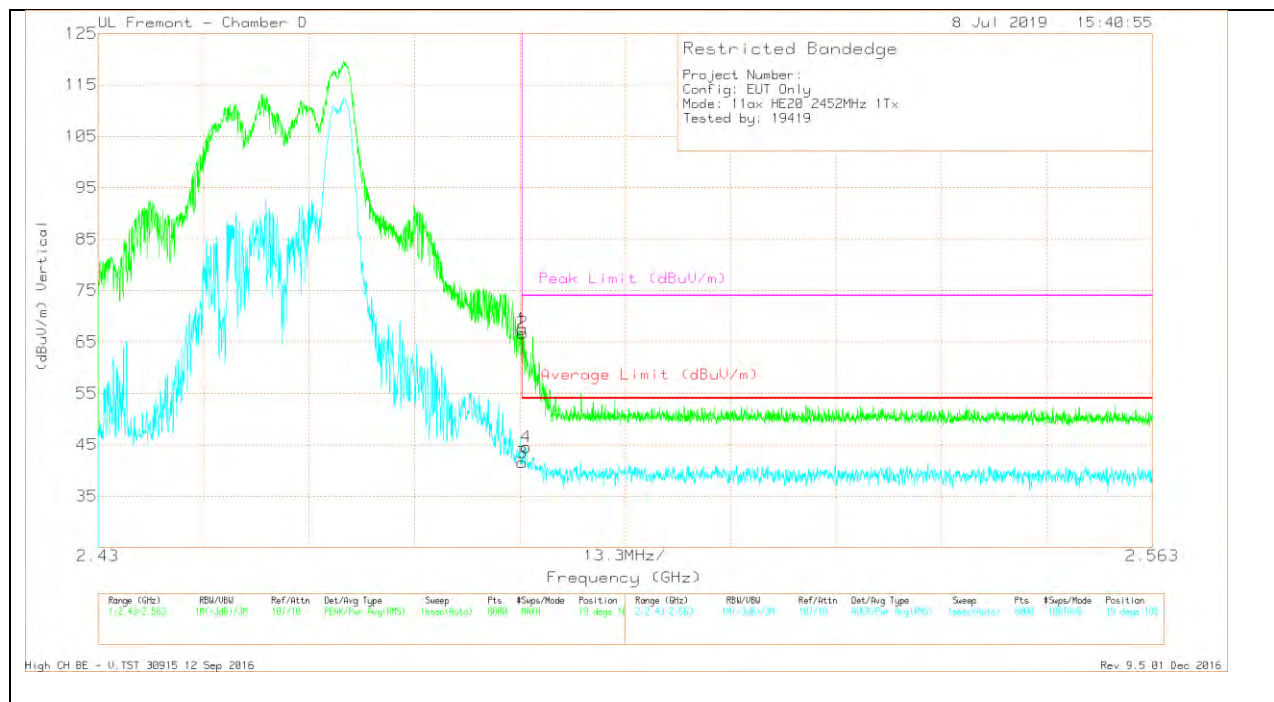
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.14	Pk	32.4	-20.6	67.94	-	-	74	-6.06	331	158	H
2	* 2.484	57.48	Pk	32.4	-20.6	69.28	-	-	74	-4.72	331	158	H
3	* 2.484	29.54	RMS	32.4	-20.6	41.34	54	-12.66	-	-	331	158	H
4	* 2.484	31.19	RMS	32.4	-20.6	42.99	54	-11.01	-	-	331	158	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.71	Pk	32.4	-20.6	67.51	-	-	74	-6.49	19	105	V
2	* 2.484	54.95	Pk	32.4	-20.6	66.75	-	-	74	-7.25	19	105	V
3	* 2.484	29.72	RMS	32.4	-20.6	41.52	54	-12.48	-	-	19	105	V
4	* 2.484	32.83	RMS	32.3	-20.6	44.53	54	-9.47	-	-	19	105	V

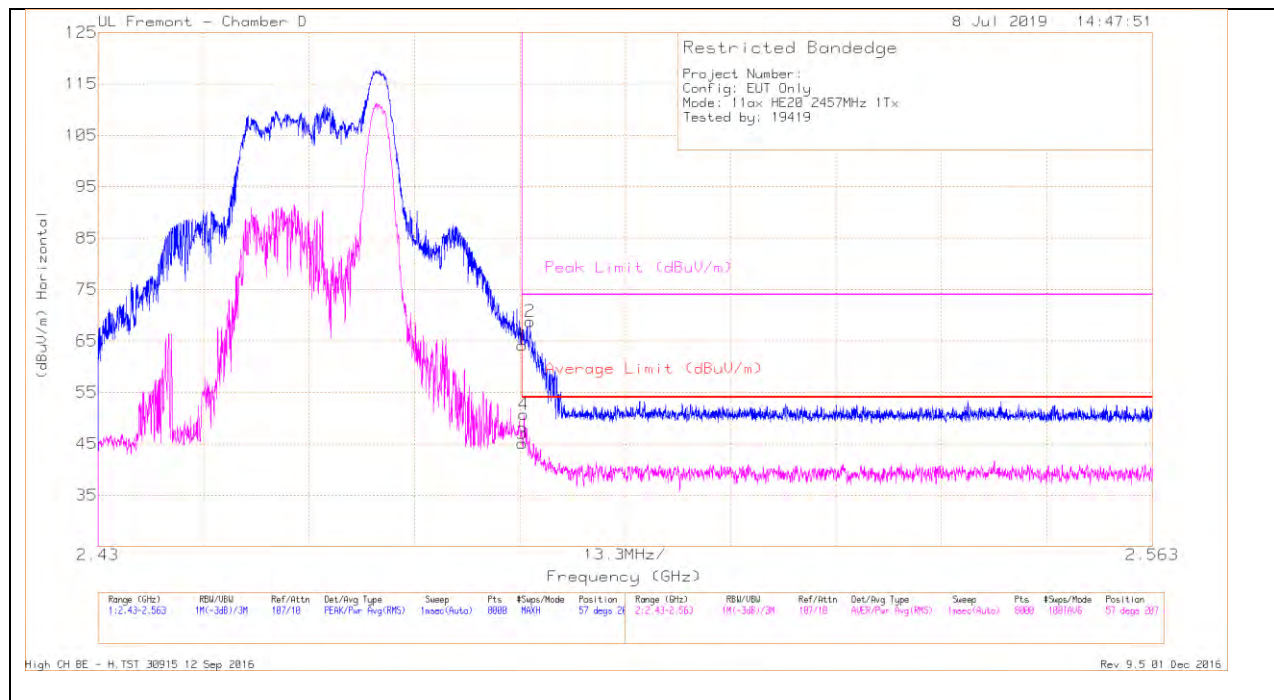
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



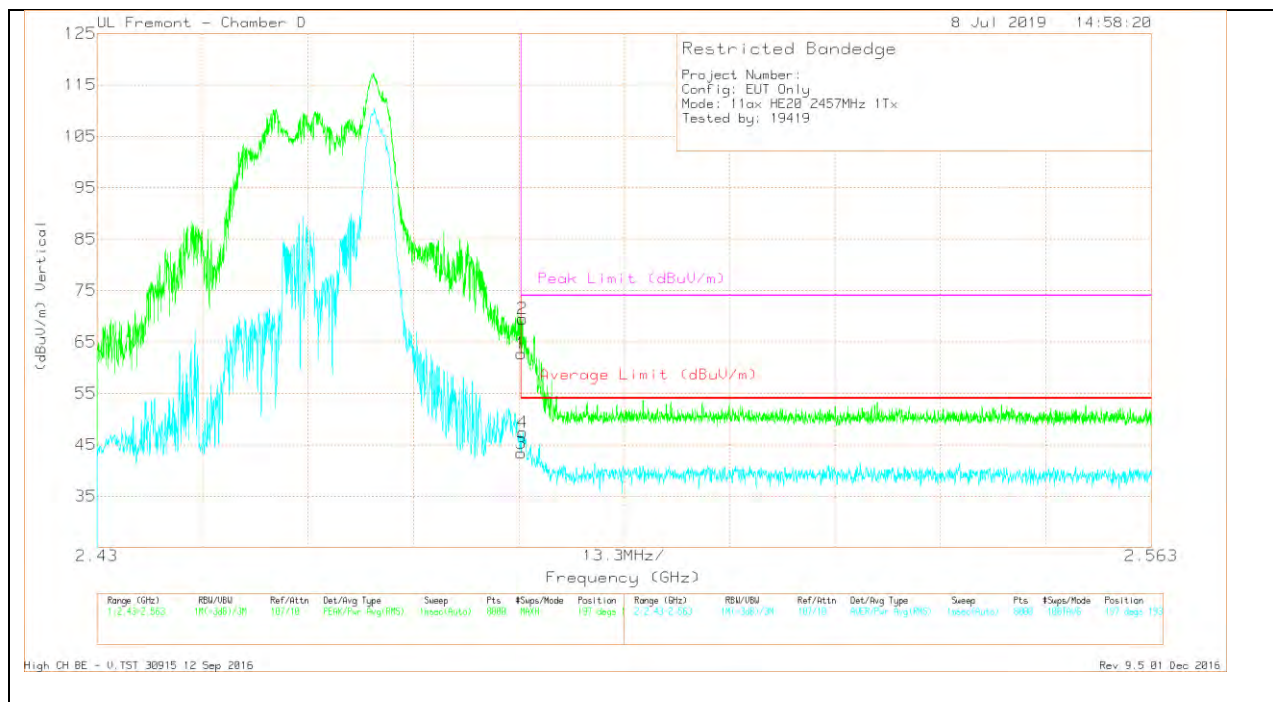
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.36	Pk	32.4	-20.6	64.16	-	-	74	-9.84	57	207	H
2	* 2.485	57.12	Pk	32.3	-20.6	68.82	-	-	74	-5.18	57	207	H
3	* 2.484	33.31	RMS	32.4	-20.6	45.11	54	-8.89	-	-	57	207	H
4	* 2.484	38.92	RMS	32.4	-20.6	50.72	54	-3.28	-	-	57	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/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	50.9	Pk	32.4	-20.6	62.7	-	-	74	-11.3	197	193	V
2	* 2.484	57.67	Pk	32.4	-20.6	69.47	-	-	74	-4.53	197	193	V
3	* 2.484	31.54	RMS	32.4	-20.6	43.34	54	-10.66	-	-	197	193	V
4	* 2.484	35.58	RMS	32.4	-20.6	47.38	54	-6.62	-	-	197	193	V

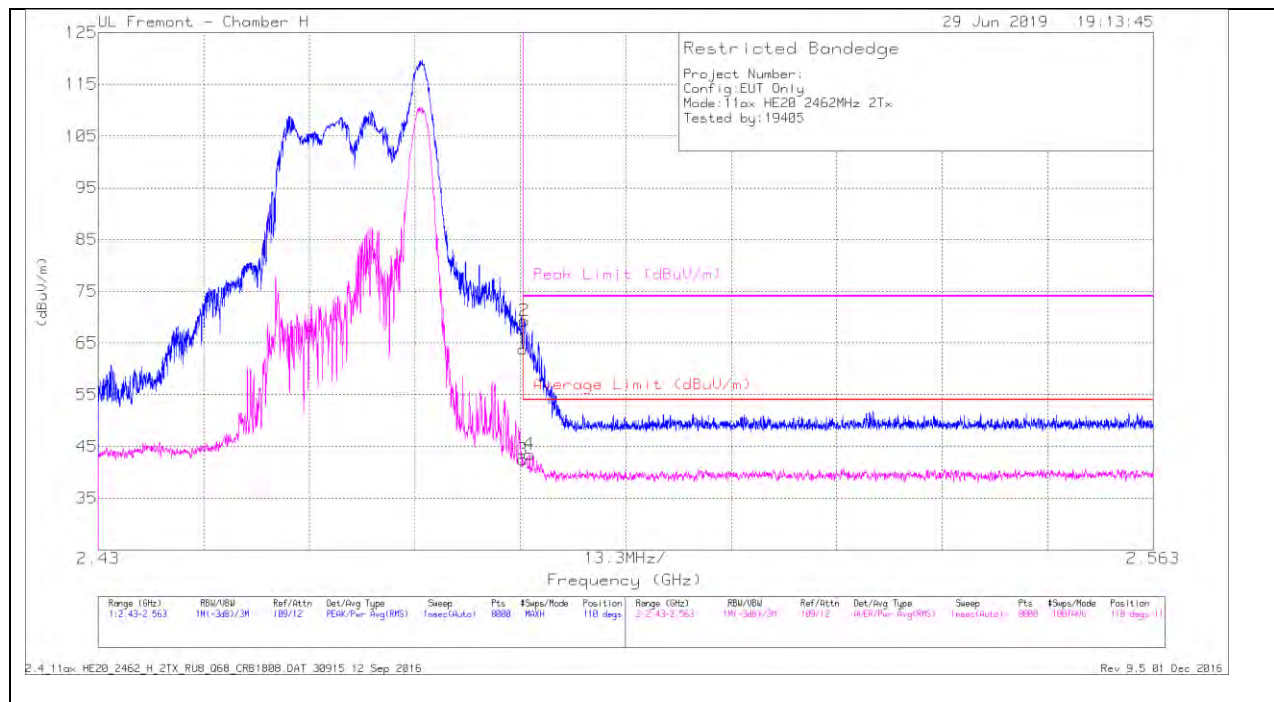
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



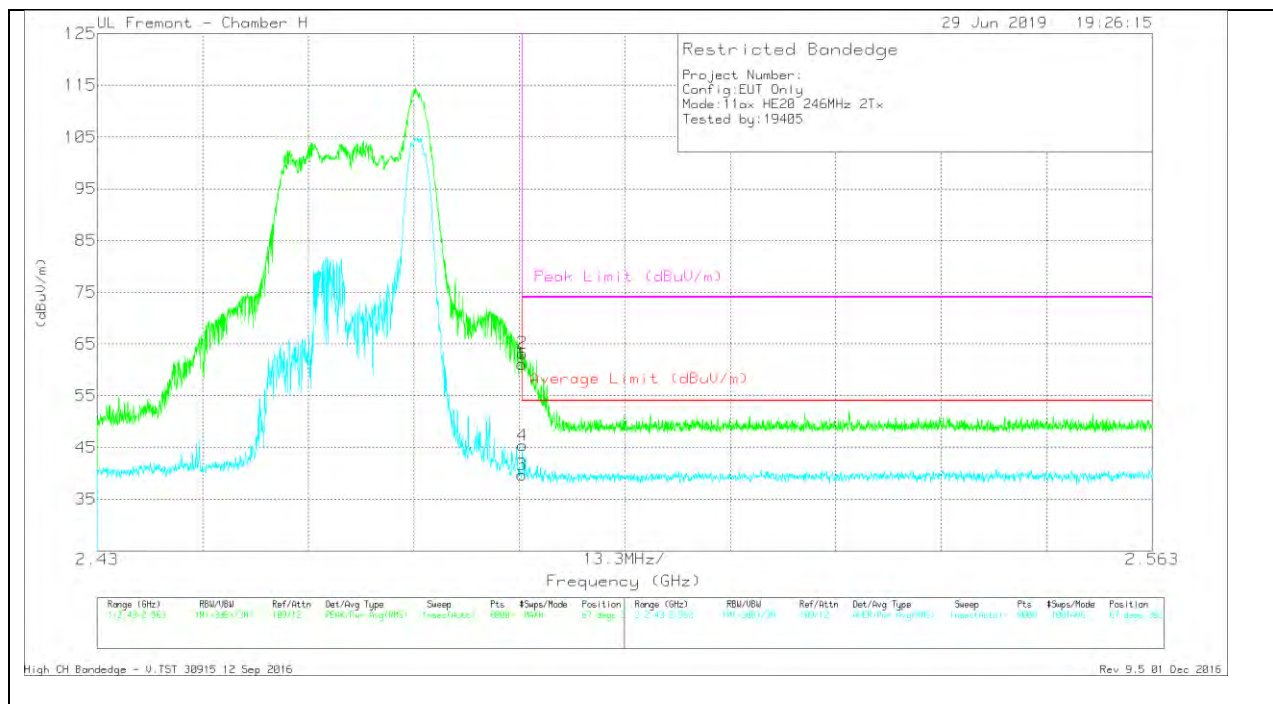
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.78	Pk	32.5	-21.5	63.78	-	-	74	-10.22	110	112	H
2	* 2.484	58.31	Pk	32.5	-21.5	69.31	-	-	74	-4.69	110	112	H
3	* 2.484	31.49	RMS	32.5	-21.5	42.49	54	-11.51	-	-	110	112	H
4	* 2.484	32.5	RMS	32.5	-21.5	43.5	54	-10.5	-	-	110	112	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/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	50.11	Pk	32.5	-21.5	61.11	-	-	74	-12.89	67	362	V
2	* 2.484	52.21	Pk	32.5	-21.5	63.21	-	-	74	-10.79	67	362	V
3	* 2.484	28.72	RMS	32.5	-21.5	39.72	54	-14.28	-	-	67	362	V
4	* 2.484	34.39	RMS	32.5	-21.5	45.39	54	-8.61	-	-	67	362	V

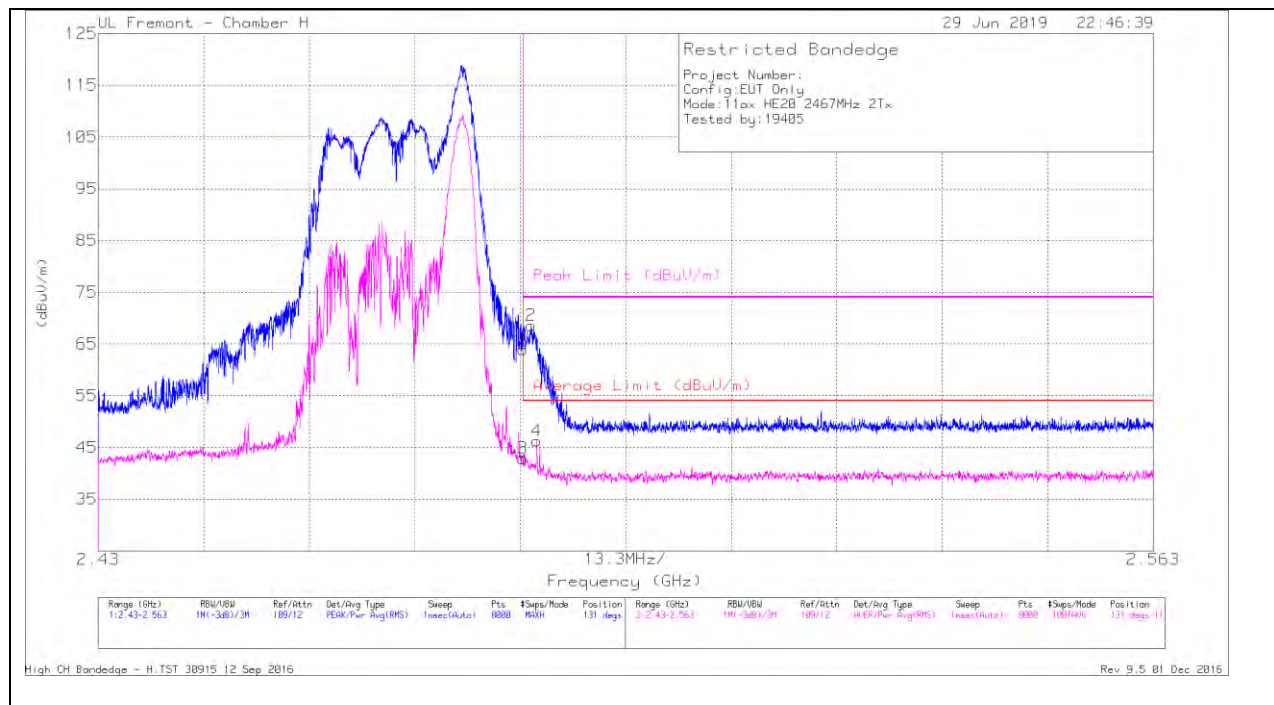
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



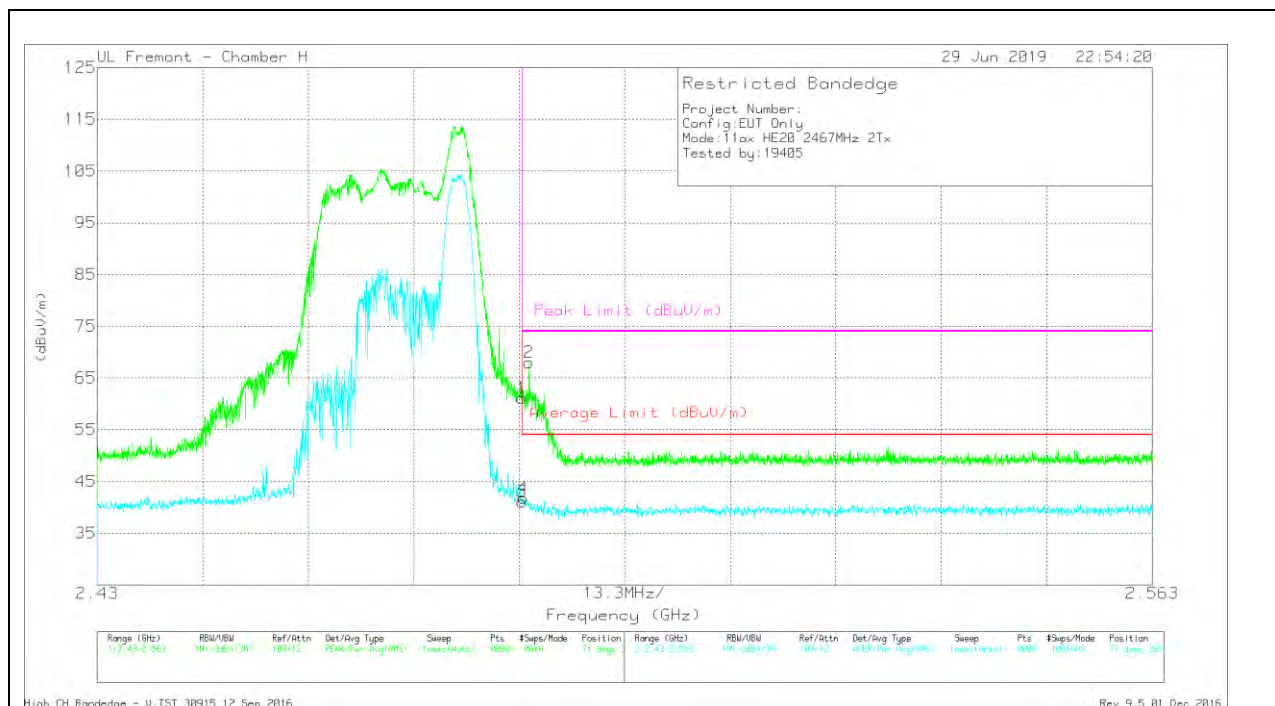
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.96	Pk	32.5	-21.5	63.96	-	-	74	-10.04	131	112	H
2	* 2.485	57.57	Pk	32.5	-21.5	68.57	-	-	74	-5.43	131	112	H
3	* 2.484	31.93	RMS	32.5	-21.5	42.93	54	-11.07	-	-	131	112	H
4	* 2.485	35.25	RMS	32.5	-21.5	46.25	54	-7.75	-	-	131	112	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/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	50.1	Pk	32.5	-21.5	61.1	-	-	74	-12.9	71	365	V
2	* 2.484	57	Pk	32.5	-21.5	68	-	-	74	-6	71	365	V
3	* 2.484	30.1	RMS	32.5	-21.5	41.1	54	-12.9	-	-	71	365	V
4	* 2.484	30.75	RMS	32.5	-21.5	41.75	54	-12.25	-	-	71	365	V

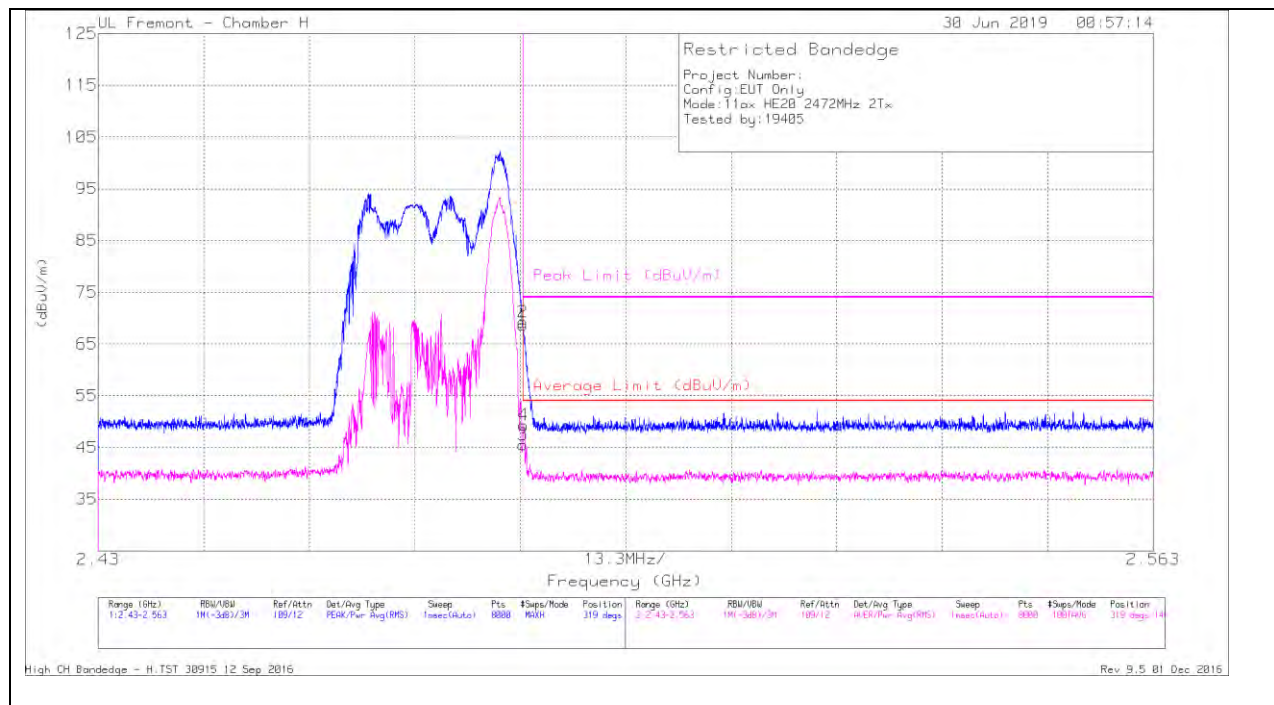
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



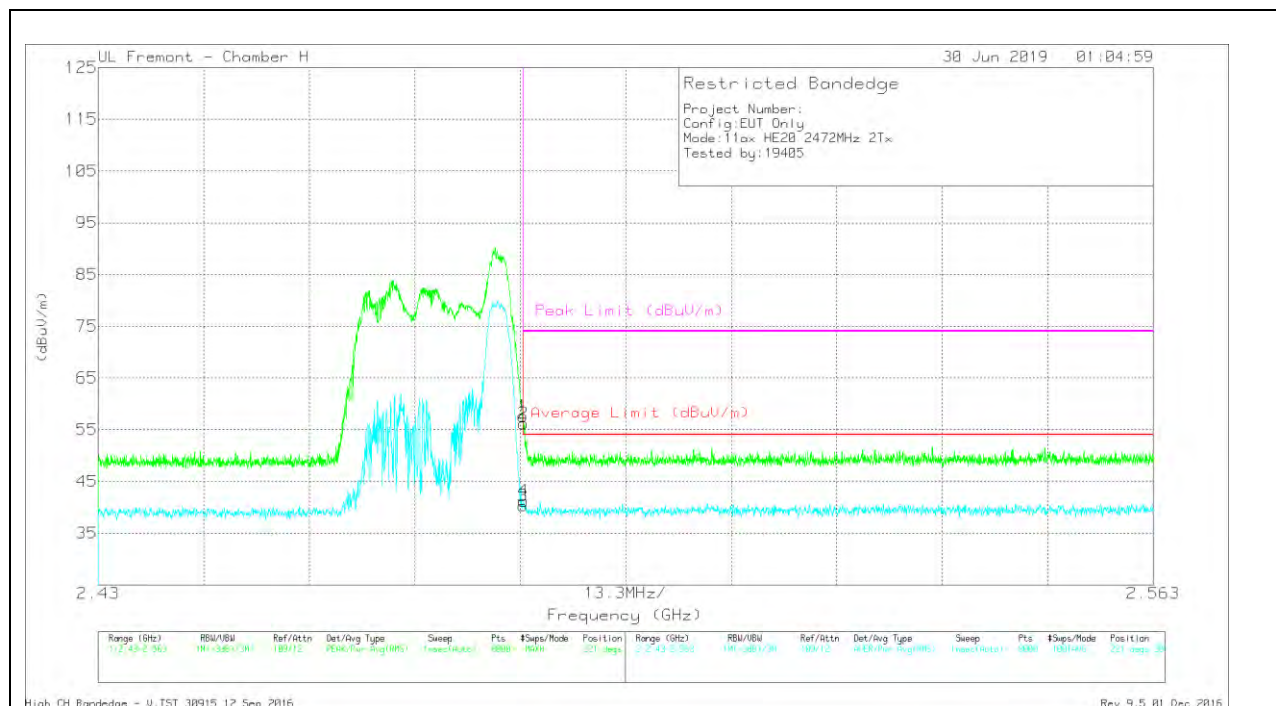
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.65	Pk	32.5	-21.5	68.65	-	-	74	-5.35	319	146	H
2	* 2.484	58.22	Pk	32.5	-21.5	69.22	-	-	74	-4.78	319	146	H
3	* 2.484	34.56	RMS	32.5	-21.5	45.56	54	-8.44	-	-	319	146	H
4	* 2.484	38.32	RMS	32.5	-21.5	49.32	54	-4.68	-	-	319	146	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/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	46.66	Pk	32.5	-21.5	57.66	-	-	74	-16.34	221	305	V
2	* 2.484	45.19	Pk	32.5	-21.5	56.19	-	-	74	-17.81	221	305	V
3	* 2.484	29.28	RMS	32.5	-21.5	40.28	54	-13.72	-	-	221	305	V
4	* 2.484	30.22	RMS	32.5	-21.5	41.22	54	-12.78	-	-	221	305	V

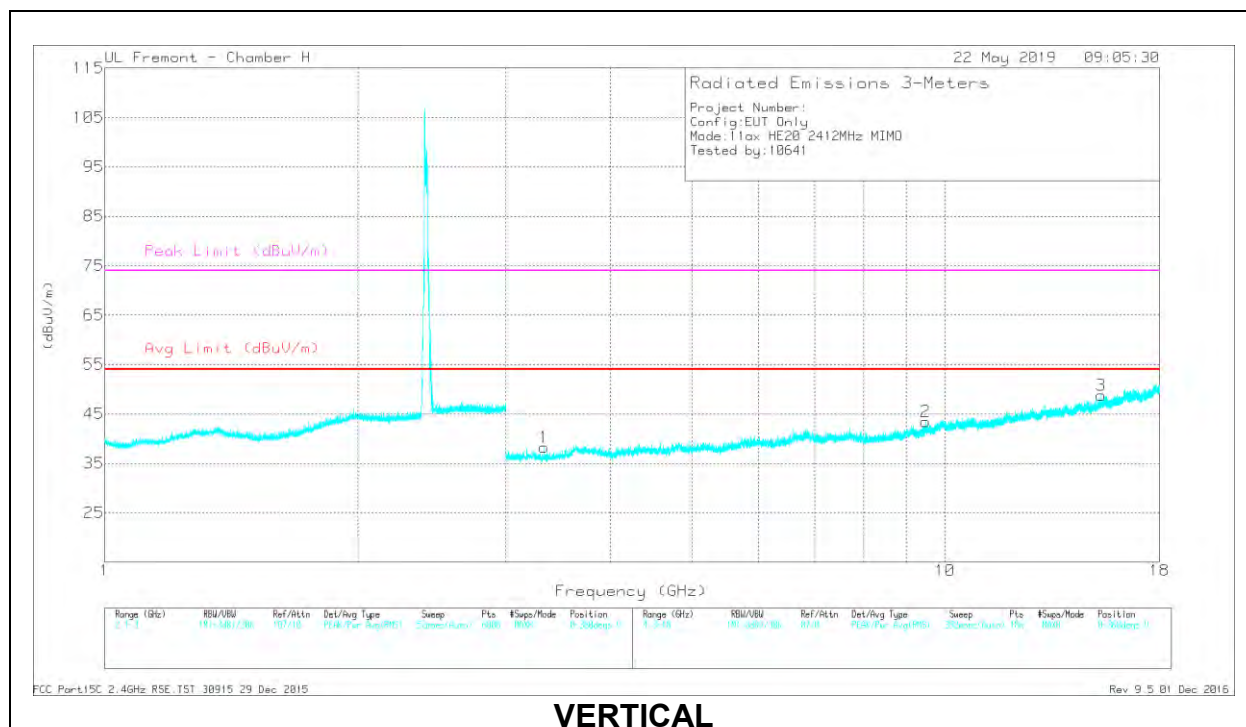
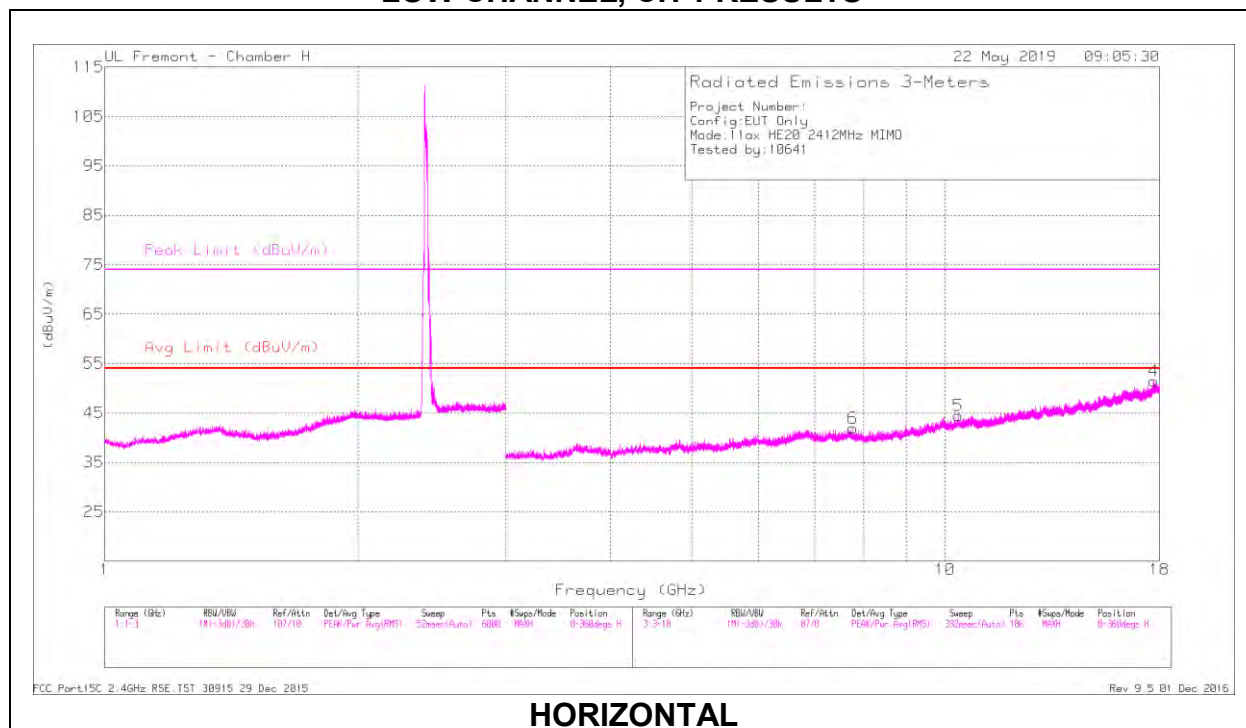
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

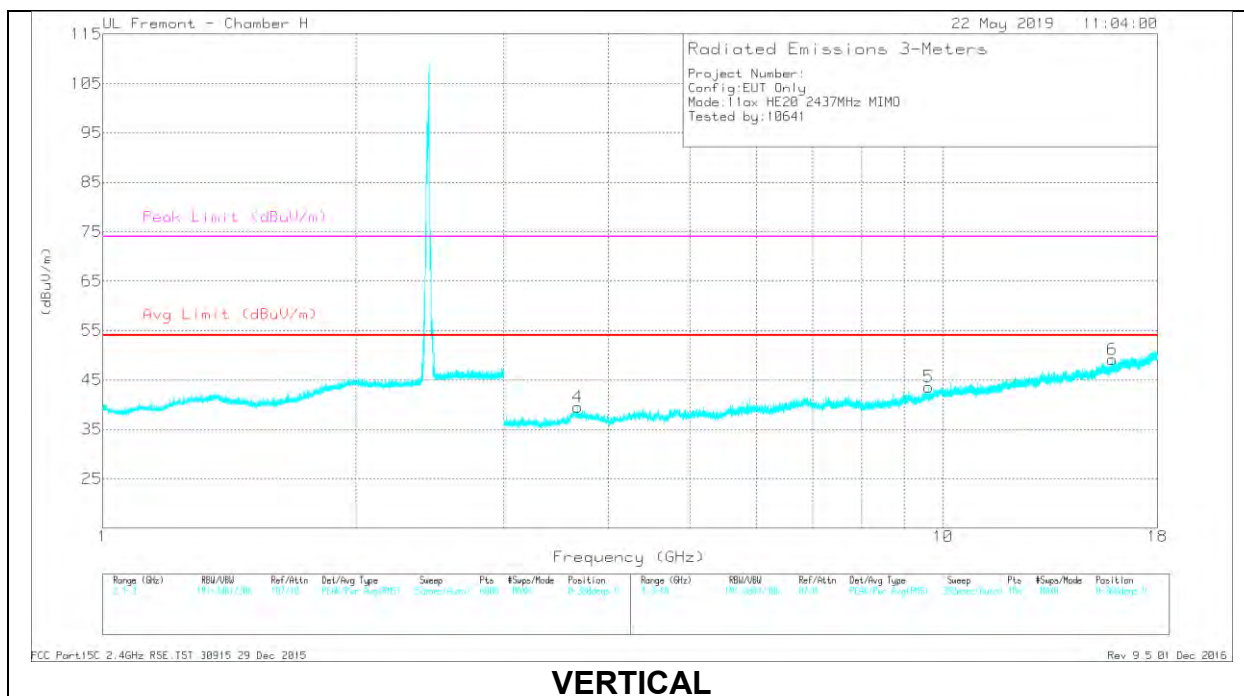
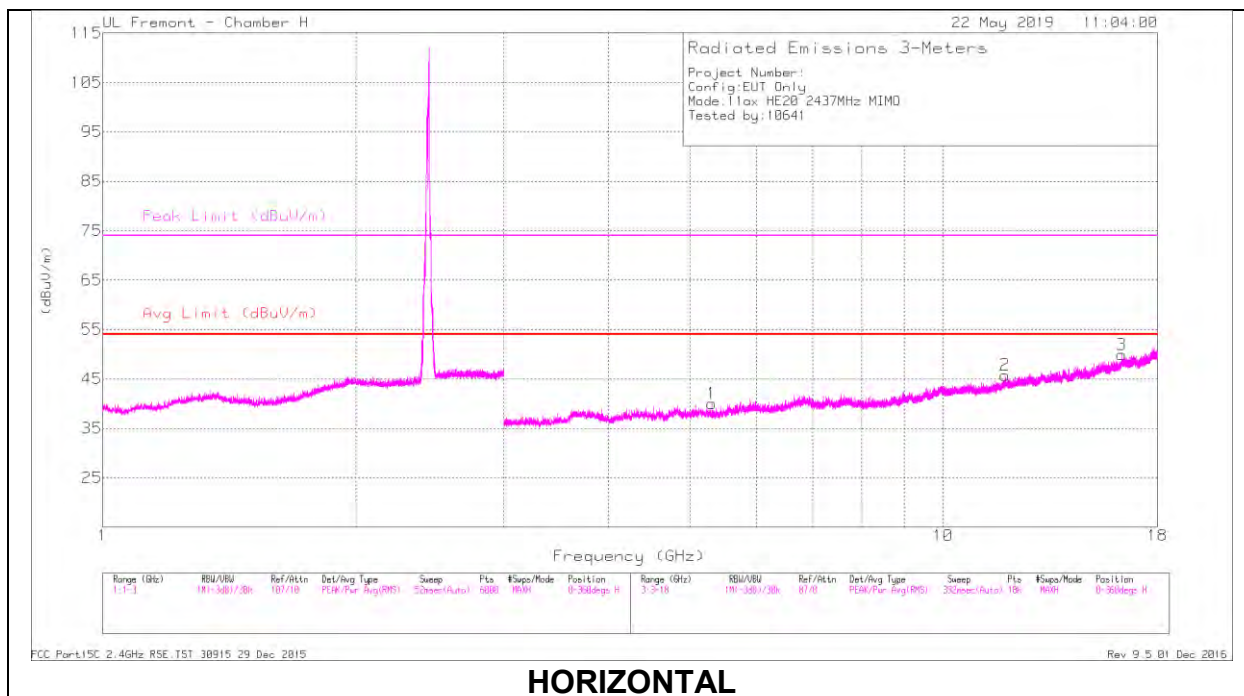
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 17.732	34.54	PK2	41.6	-18.7	57.44	-	-	74	-16.56	101	137	H
	* 17.732	23.84	MAv1	41.6	-18.7	46.74	54	-7.26	-	-	101	137	H
1	* 3.337	42.53	PK2	32.6	-30.5	44.63	-	-	74	-29.37	108	121	V
	* 3.333	30.81	MAv1	32.7	-30.5	33.01	54	-20.99	-	-	108	121	V
2	* 9.491	36.27	PK2	36.8	-23.9	49.17	-	-	74	-24.83	143	136	V
	* 9.492	25.14	MAv1	36.8	-23.9	38.04	54	-15.96	-	-	143	136	V
6	7.774	37.88	PK2	36.4	-26.4	47.88	-	-	74	-26.12	203	198	H
5	10.365	36.1	PK2	37.5	-23	50.6	-	-	74	-23.4	256	170	H
3	15.348	36.12	PK2	40.7	-21.8	55.02	-	-	74	-18.98	239	183	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

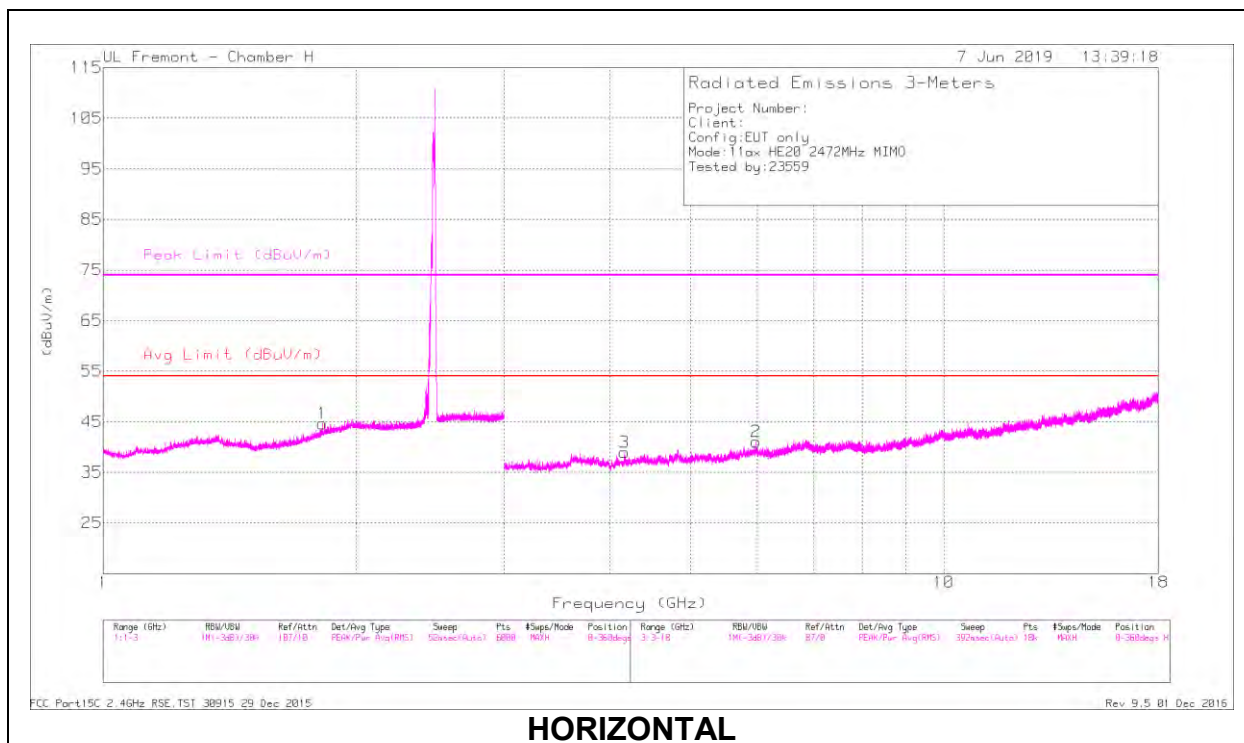
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.862	35.96	PK2	38.7	-22.8	51.86	-	-	74	-22.14	121	165	H
	* 11.863	24.86	MAV1	38.7	-22.8	40.76	54	-13.24	-	-	121	165	H
4	* 3.673	41.43	PK2	33.1	-30	44.53	-	-	74	-29.47	156	177	V
	* 3.674	30.06	MAV1	33.1	-30	33.16	54	-20.84	-	-	156	177	V
6	* 15.903	35.28	PK2	40.7	-20.5	55.48	-	-	74	-18.52	119	194	V
	* 15.906	24.3	MAV1	40.8	-20.6	44.5	54	-9.5	-	-	119	194	V
1	5.305	40.58	PK2	34.6	-29.2	45.98	-	-	74	-28.02	145	118	H
5	9.617	36.45	PK2	36.9	-24.5	48.85	-	-	74	-25.15	136	155	V
3	16.323	35.48	PK2	41.4	-20.5	56.38	-	-	74	-17.62	114	136	H

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

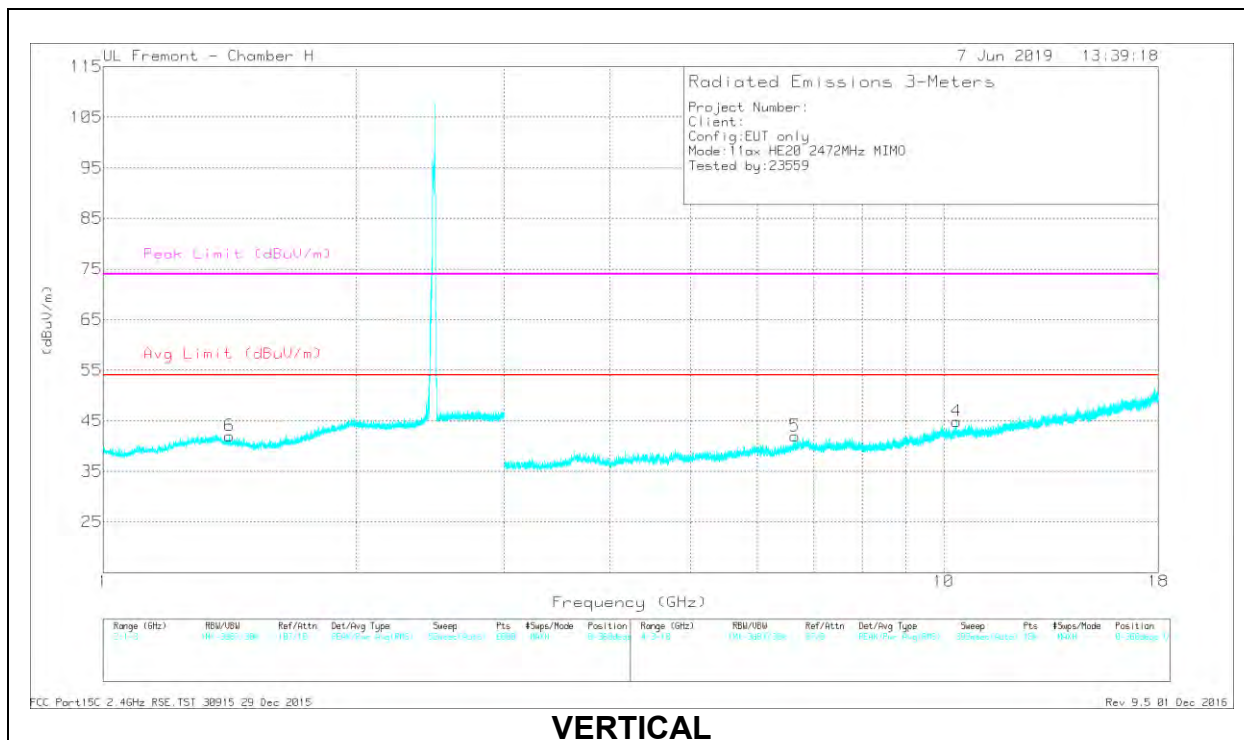
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	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
6	* 1.412	45.27	PK2	28.7	-25.1	48.87	-	-	74	-25.13	105	252	V
	* 1.414	33.37	MAv1	28.7	-25.1	36.97	54	-17.03	-	-	105	252	V
3	* 4.172	42.05	PK2	33.2	-30.7	44.55	-	-	74	-29.45	131	321	H
	* 4.171	30.97	MAv1	33.2	-30.7	33.47	54	-20.53	-	-	131	321	H
1	1.823	44.38	PK2	30.6	-24.3	50.68	-	-	-	-	243	172	H
2	5.976	41.3	PK2	35.6	-29.4	47.5	-	-	-	-	22	335	H
5	6.65	40.06	PK2	36.7	-28.7	48.06	-	-	-	-	360	121	V
4	10.363	35.82	PK2	37.5	-22.9	50.42	-	-	-	-	219	207	V

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

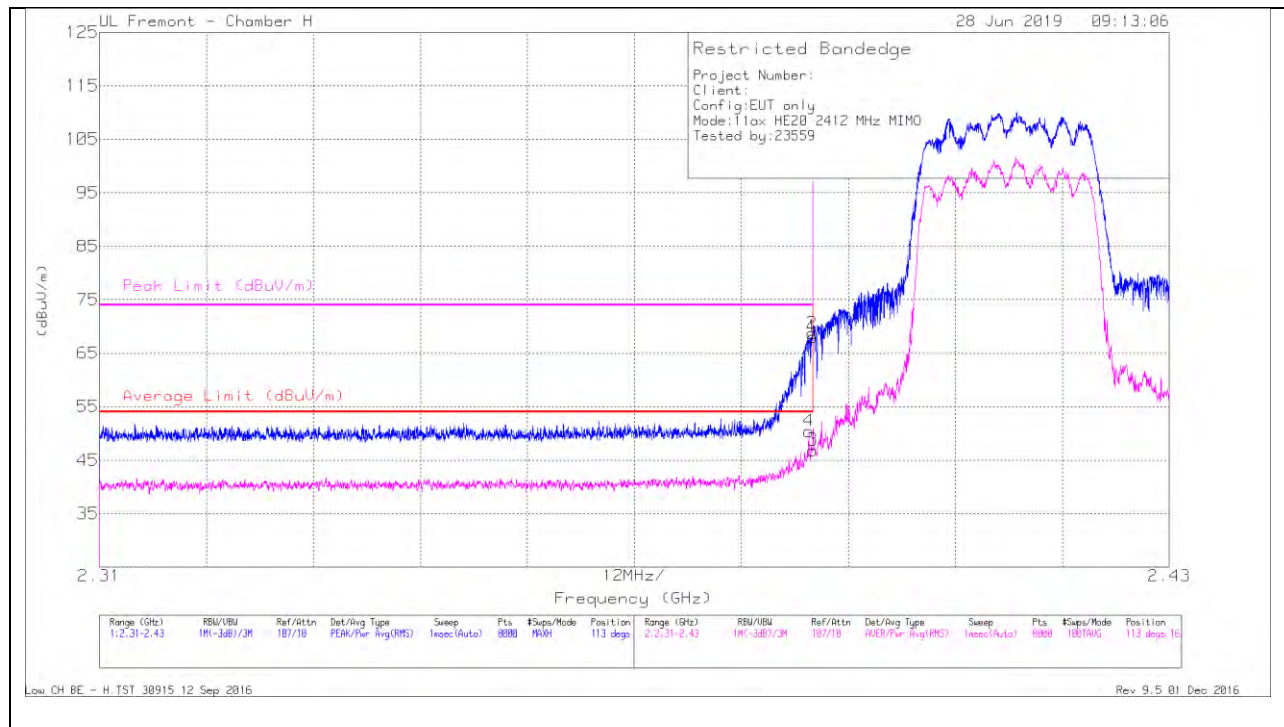
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

ANTENNA 4 + ANTENNA 3 2TX OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



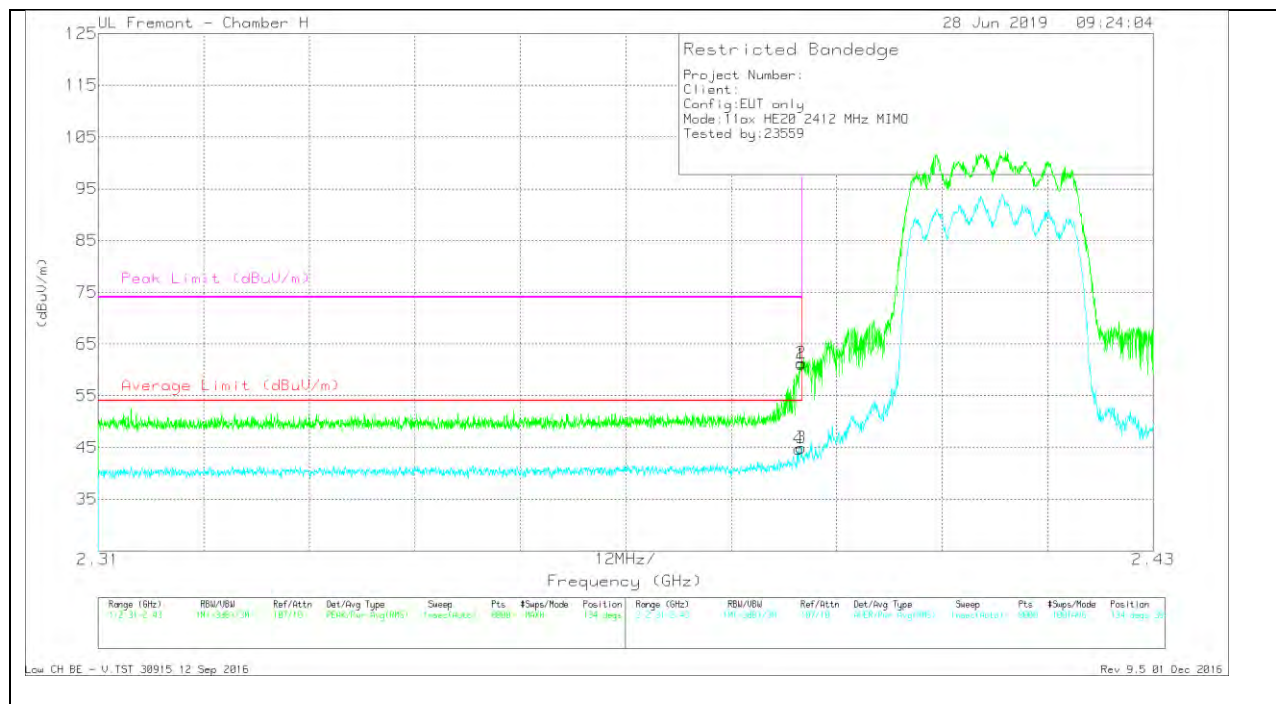
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	59.45	Pk	32.1	-23.5	68.05	-	-	74	-5.95	113	162	H
2	* 2.39	60.09	Pk	32.1	-23.5	68.69	-	-	74	-5.31	113	162	H
3	* 2.39	38.22	RMS	32.1	-23.5	46.82	54	-7.18	-	-	113	162	H
4	* 2.39	41.79	RMS	32.1	-23.5	50.39	54	-3.61	-	-	113	162	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/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	52.5	Pk	32.1	-23.5	61.1	-	-	74	-12.9	134	392	V
2	* 2.39	52.74	Pk	32.1	-23.5	61.34	-	-	74	-12.66	134	392	V
3	* 2.39	36.37	RMS	32.1	-23.5	44.97	54	-9.03	-	-	134	392	V
4	* 2.39	36.14	RMS	32.1	-23.5	44.74	54	-9.26	-	-	134	392	V

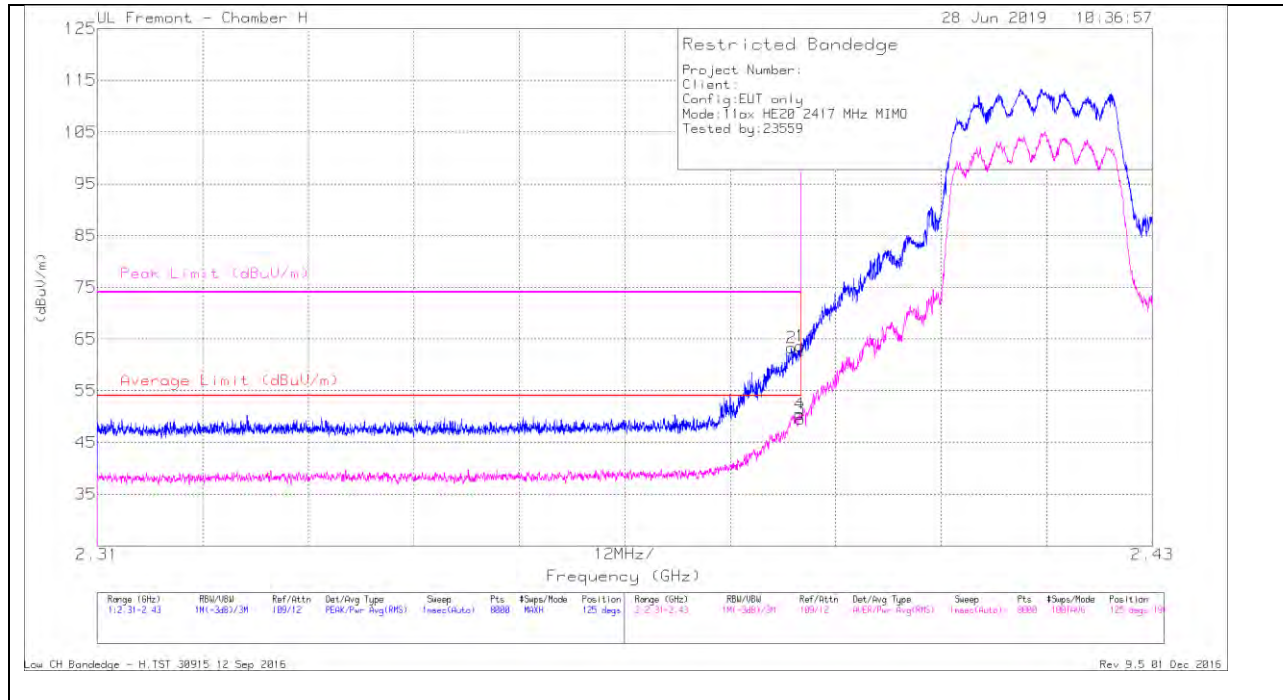
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



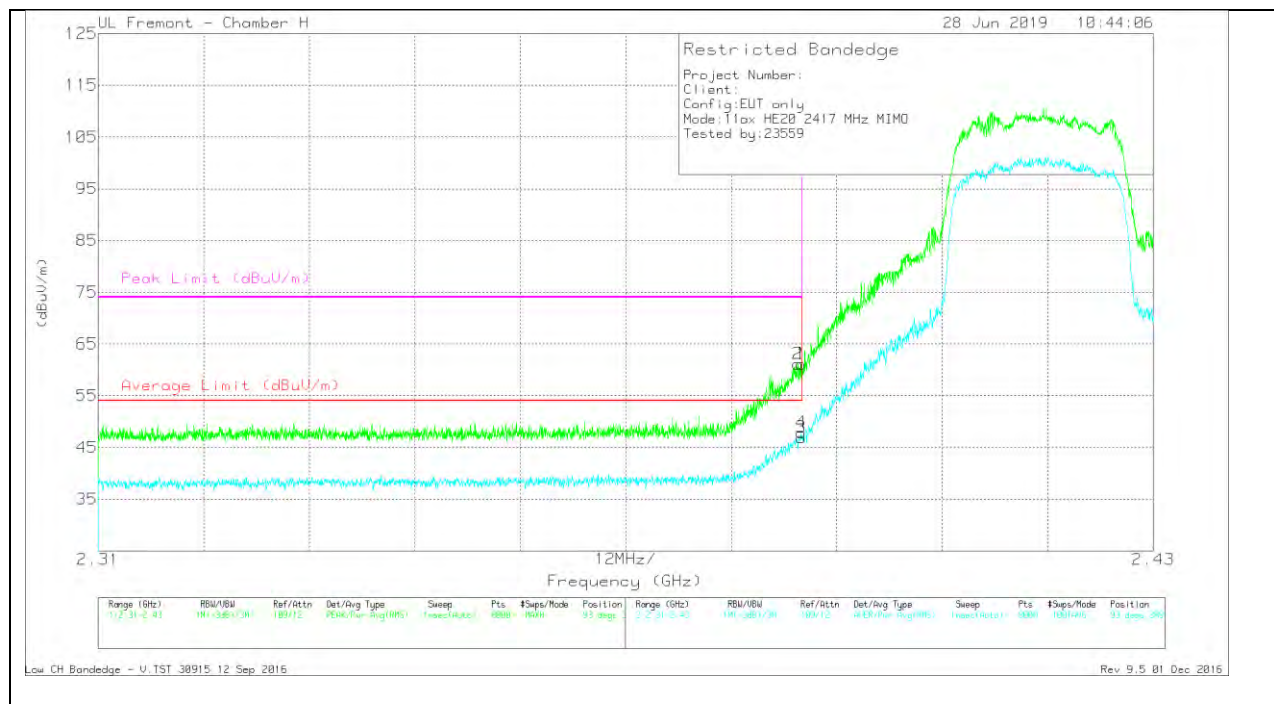
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.94	Pk	32.1	-21.4	63.64	-	-	74	-10.36	125	190	H
2	* 2.389	52.59	Pk	32.1	-21.4	63.29	-	-	74	-10.71	125	190	H
3	* 2.39	38.88	RMS	32.1	-21.4	49.58	54	-4.42	-	-	125	190	H
4	* 2.39	39.78	RMS	32.1	-21.4	50.48	54	-3.52	-	-	125	190	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/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	50.43	Pk	32.1	-21.4	61.13	-	-	74	-12.87	93	389	V
2	* 2.39	50.46	Pk	32.1	-21.4	61.16	-	-	74	-12.84	93	389	V
3	* 2.39	36.23	RMS	32.1	-21.4	46.93	54	-7.07	-	-	93	389	V
4	* 2.39	37.15	RMS	32.1	-21.4	47.85	54	-6.15	-	-	93	389	V

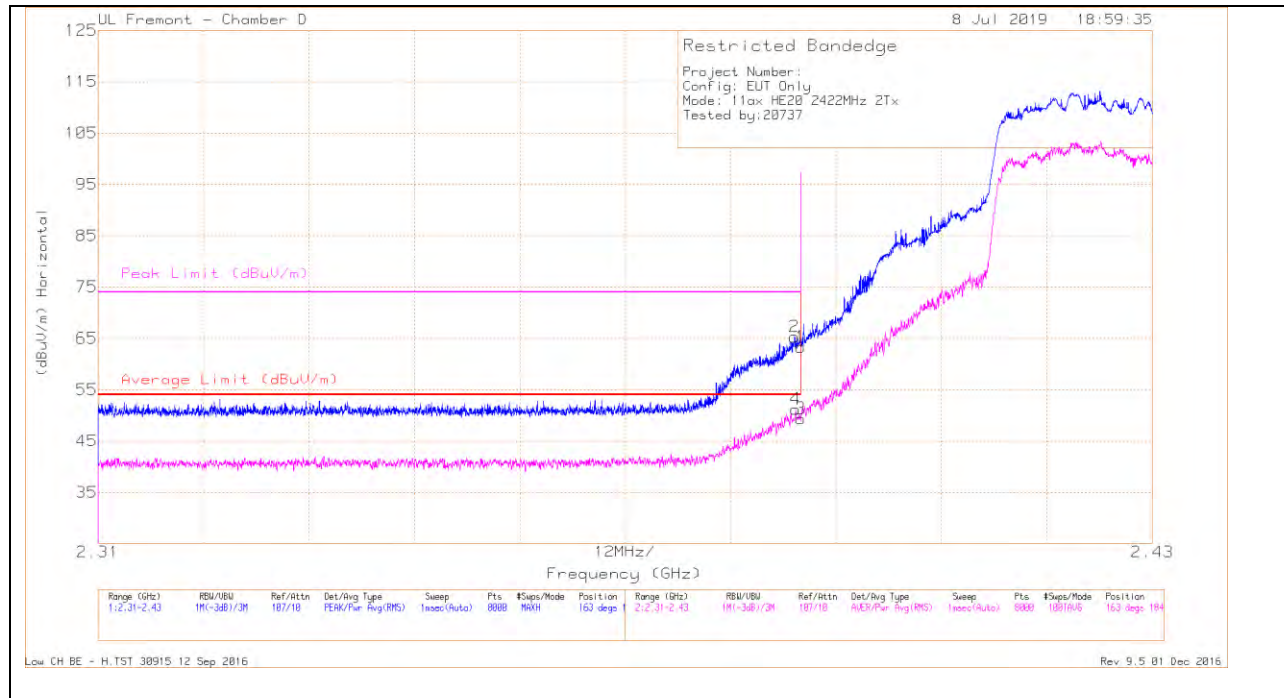
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



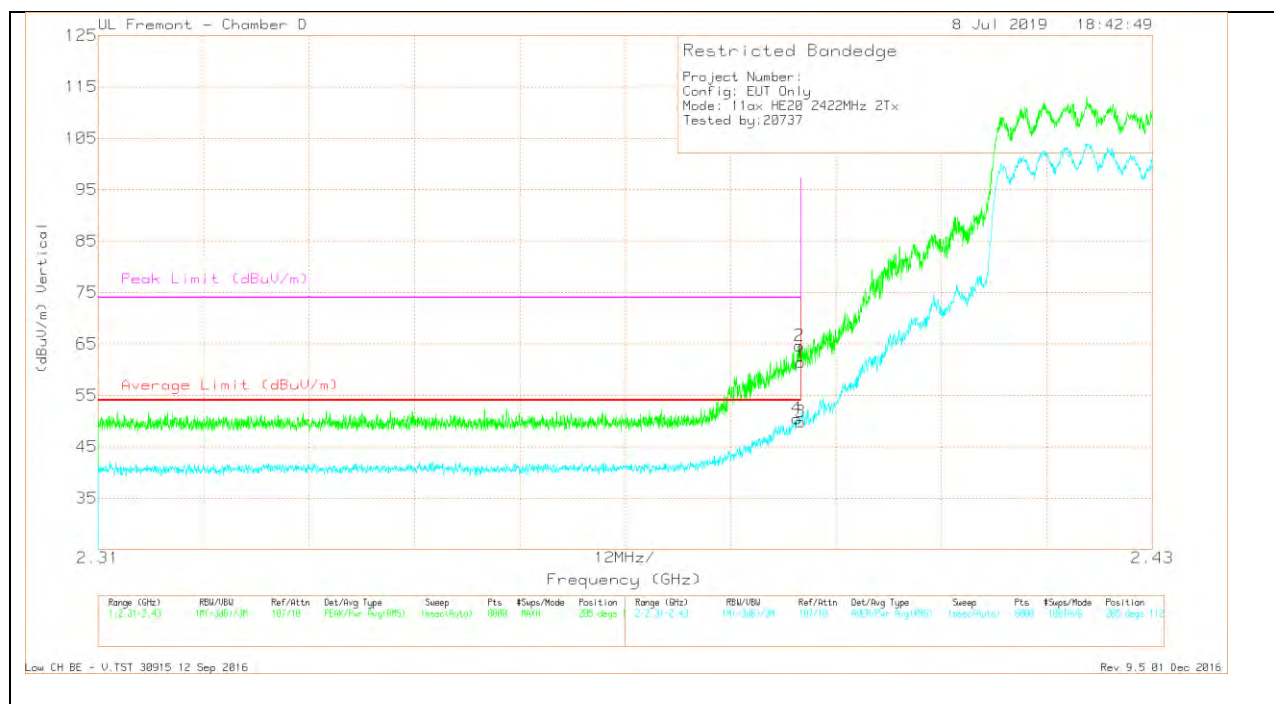
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.389	53.91	Pk	32	-20.6	65.31	-	-	74	-8.69	163	184	H
4	* 2.389	39.82	RMS	32	-20.6	51.22	54	-2.78	-	-	163	184	H
1	* 2.39	51.95	Pk	32	-20.6	63.35	-	-	74	-10.65	163	184	H
3	* 2.39	37.97	RMS	32	-20.6	49.37	54	-4.63	-	-	163	184	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/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	50.08	Pk	32	-20.6	61.48	-	-	74	-12.52	205	112	V
2	* 2.39	53.24	Pk	32	-20.6	64.64	-	-	74	-9.36	205	112	V
3	* 2.39	38.49	RMS	32	-20.6	49.89	54	-4.11	-	-	205	112	V
4	* 2.39	39.1	RMS	32	-20.6	50.5	54	-3.5	-	-	205	112	V

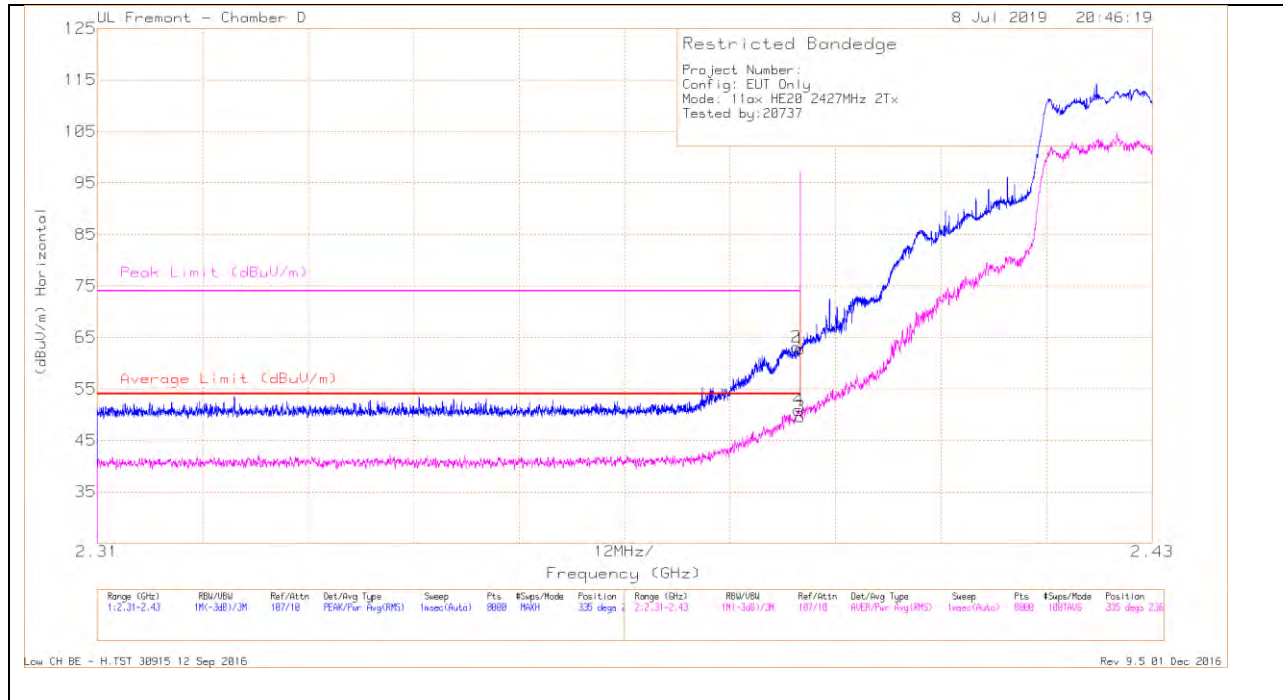
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



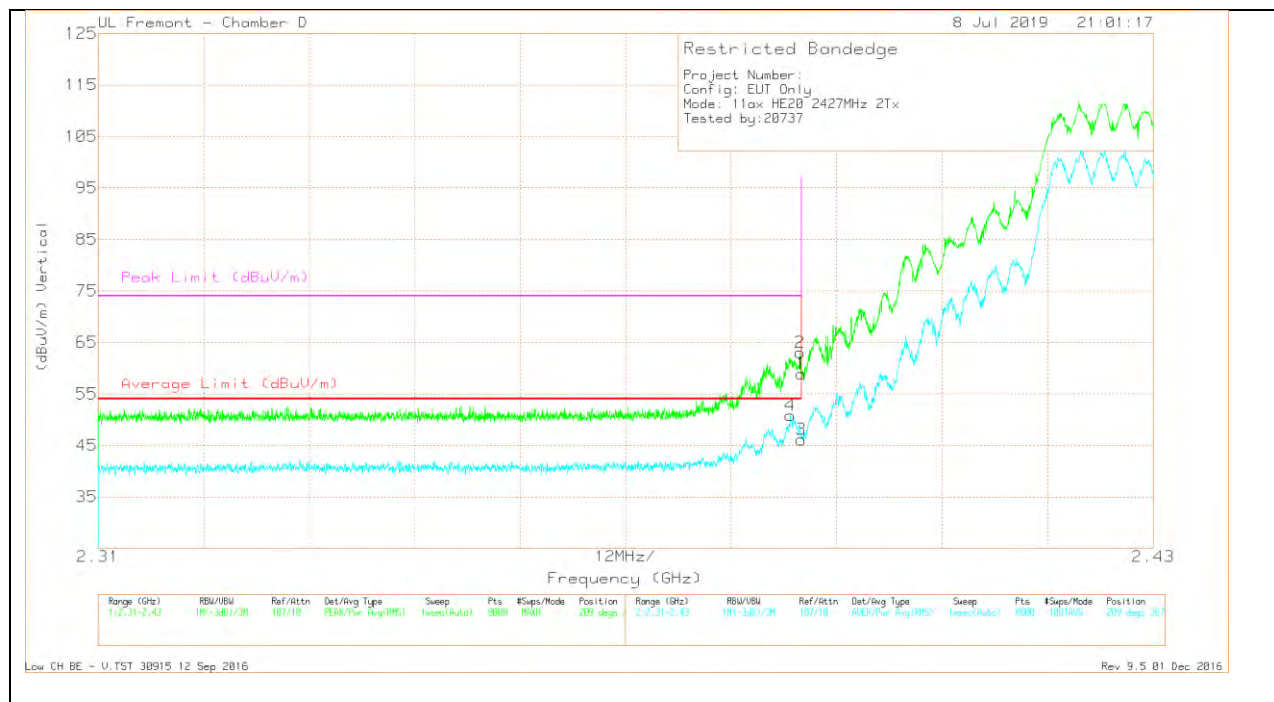
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtri/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.4	Pk	32	-20.6	62.8	-	-	74	-11.2	335	236	H
2	* 2.39	51.72	Pk	32	-20.6	63.12	-	-	74	-10.88	335	236	H
3	* 2.39	38.17	RMS	32	-20.6	49.57	54	-4.43	-	-	335	236	H
4	* 2.39	39.5	RMS	32	-20.6	50.9	54	-3.1	-	-	335	236	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.389	39.41	RMS	32	-20.6	50.81	54	-3.19	-	-	209	367	V
1	* 2.39	47.5	Pk	32	-20.6	58.9	-	-	74	-15.1	209	367	V
2	* 2.39	51.6	Pk	32	-20.6	63	-	-	74	-11	209	367	V
3	* 2.39	34.73	RMS	32	-20.6	46.13	54	-7.87	-	-	209	367	V

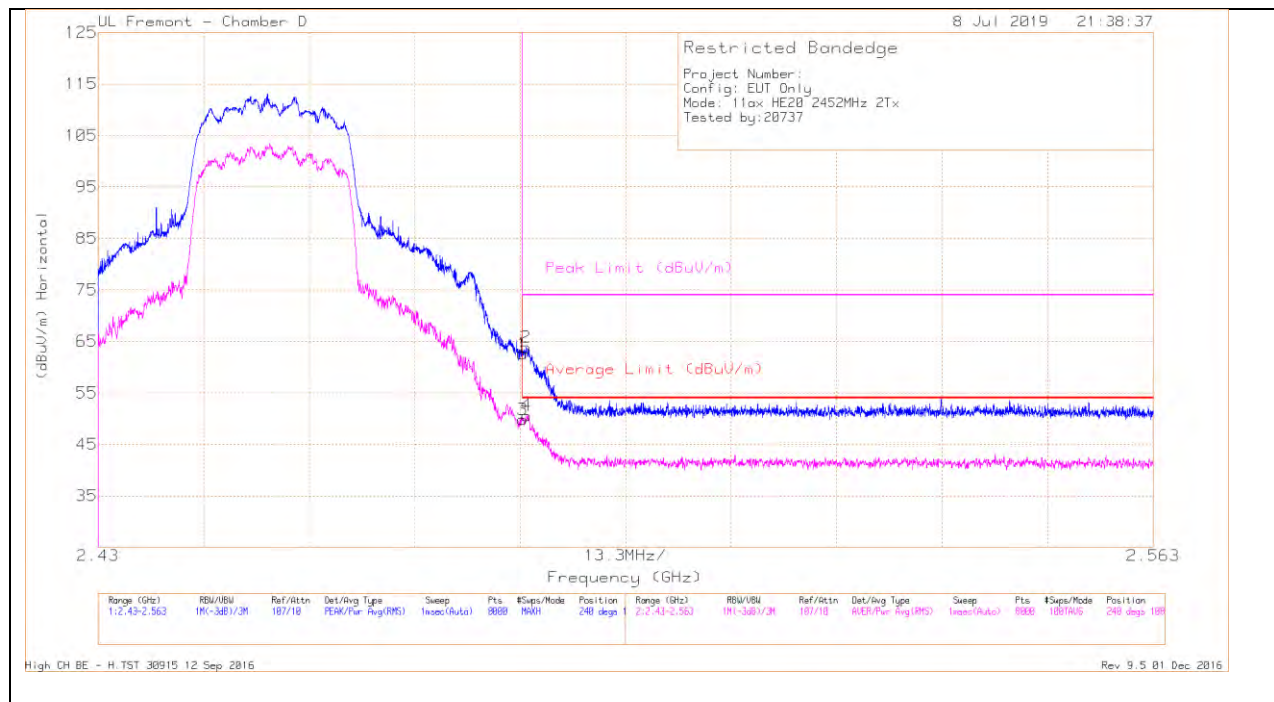
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 9)

HORIZONTAL RESULT



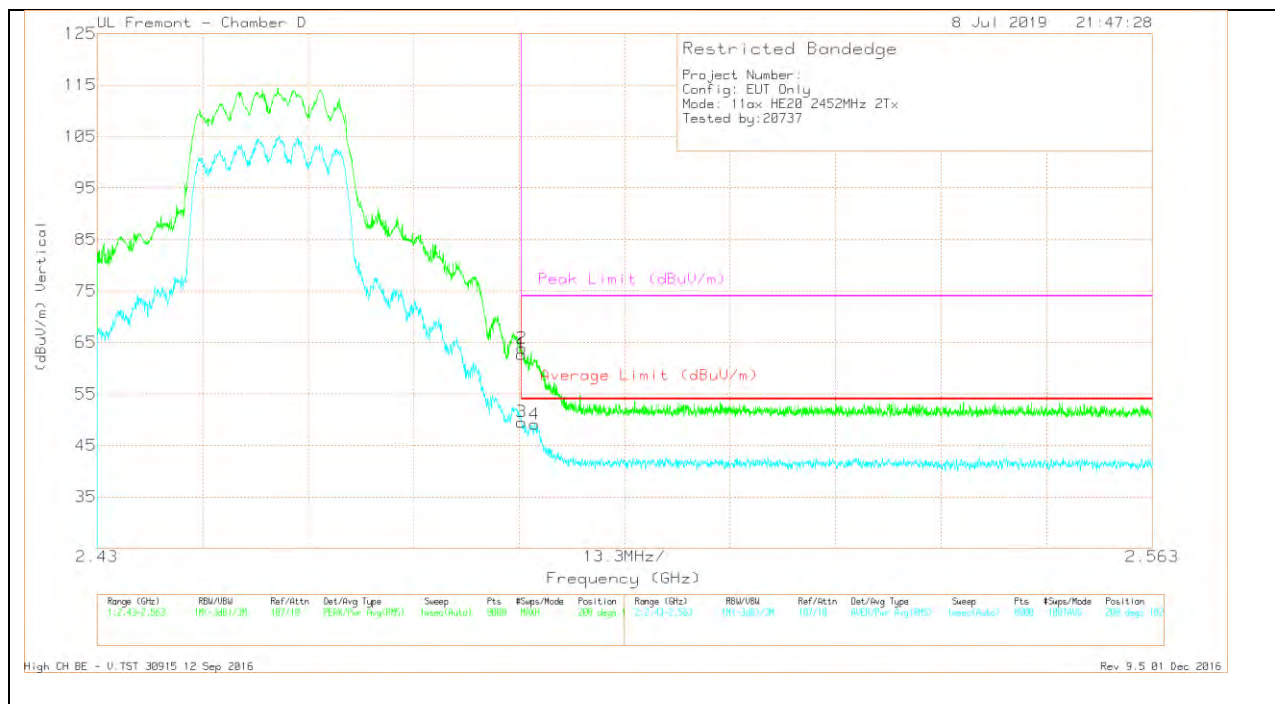
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FiltriP ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.82	Pk	32.4	-20.6	62.62	-	-	74	-11.38	240	108	H
2	* 2.484	52.15	Pk	32.3	-20.6	63.85	-	-	74	-10.15	240	108	H
3	* 2.484	38.03	RMS	32.4	-20.6	49.83	54	-4.17	-	-	240	108	H
4	* 2.484	38.92	RMS	32.3	-20.6	50.62	54	-3.38	-	-	240	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/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	50.92	Pk	32.4	-20.6	62.72	-	-	74	-11.28	208	102	V
2	* 2.484	52.1	Pk	32.4	-20.6	63.9	-	-	74	-10.1	208	102	V
3	* 2.484	37.73	RMS	32.4	-20.6	49.53	54	-4.47	-	-	208	102	V
4	* 2.485	37.39	RMS	32.3	-20.6	49.09	54	-4.91	-	-	208	102	V

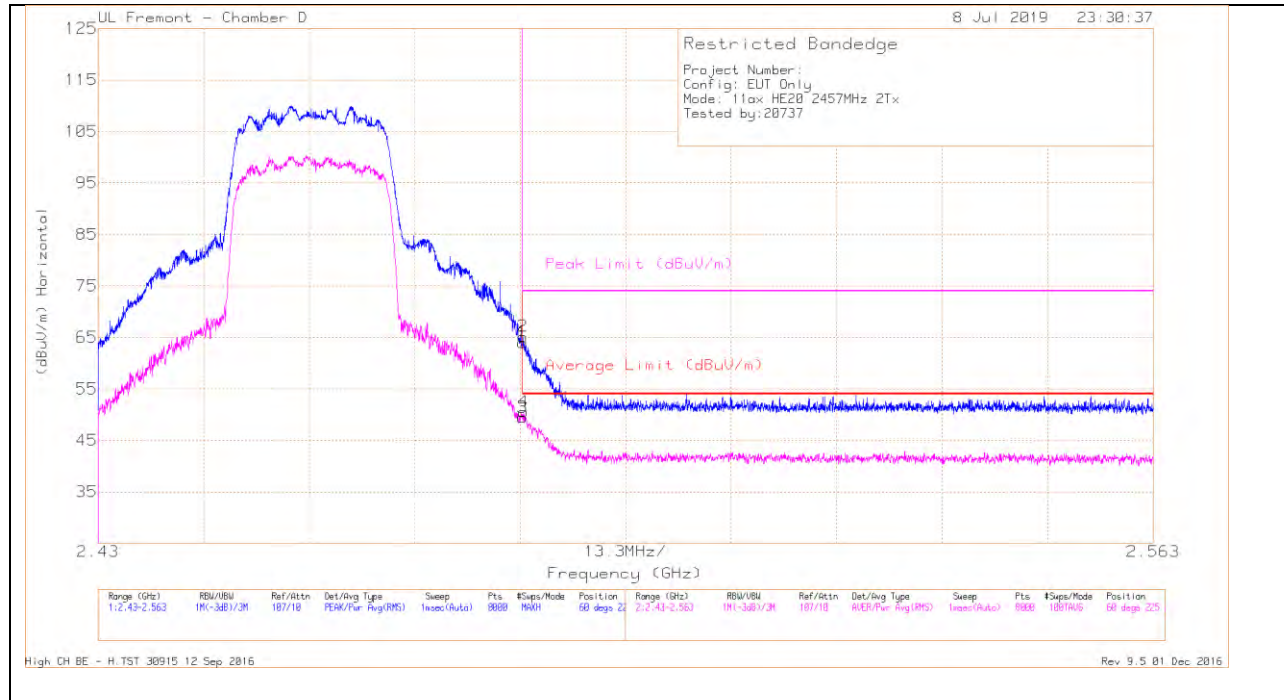
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

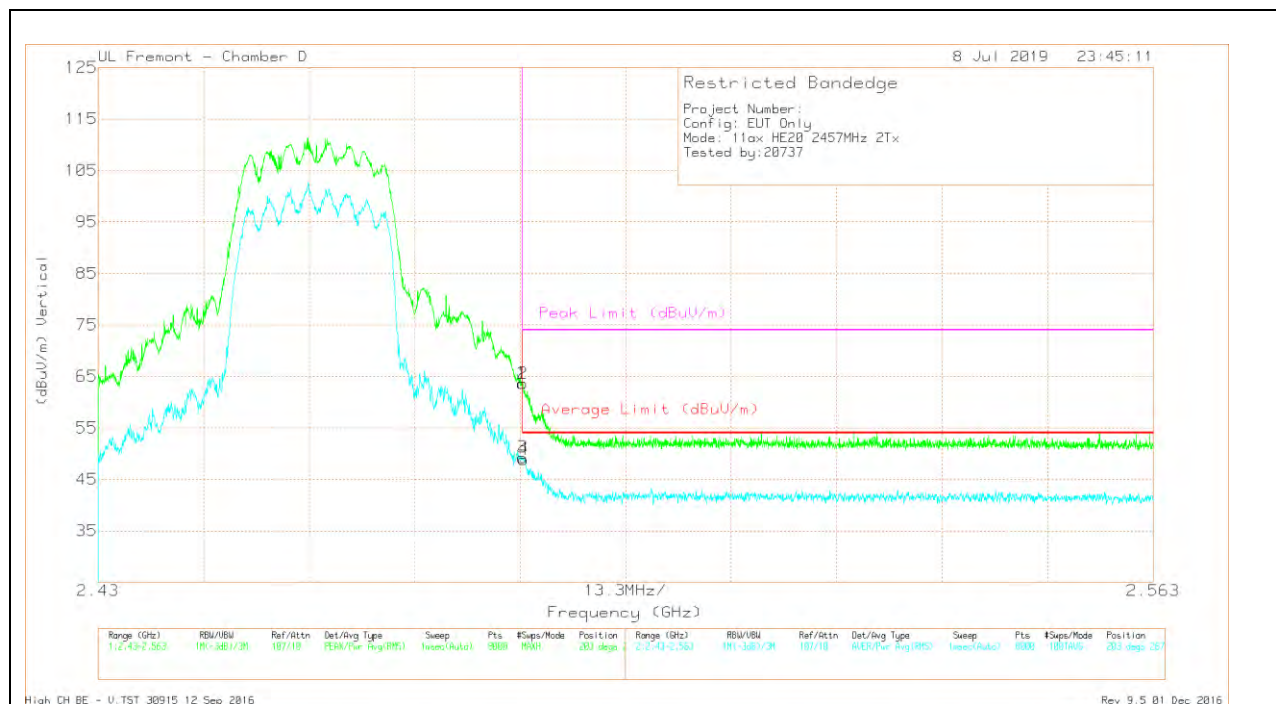
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.27	Pk	32.4	-20.6	64.07	-	-	74	-9.93	60	225	H
2	* 2.484	53.37	Pk	32.4	-20.6	65.17	-	-	74	-8.83	60	225	H
3	* 2.484	37.67	RMS	32.4	-20.6	49.47	54	-4.53	-	-	60	225	H
4	* 2.484	38.74	RMS	32.4	-20.6	50.54	54	-3.46	-	-	60	225	H

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

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.82	Pk	32.4	-20.6	63.62	-	-	74	-10.38	203	267	V
2	* 2.484	51.85	Pk	32.4	-20.6	63.65	-	-	74	-10.35	203	267	V
3	* 2.484	37.49	RMS	32.4	-20.6	49.29	54	-4.71	-	-	203	267	V
4	* 2.484	37.11	RMS	32.4	-20.6	48.91	54	-5.09	-	-	203	267	V

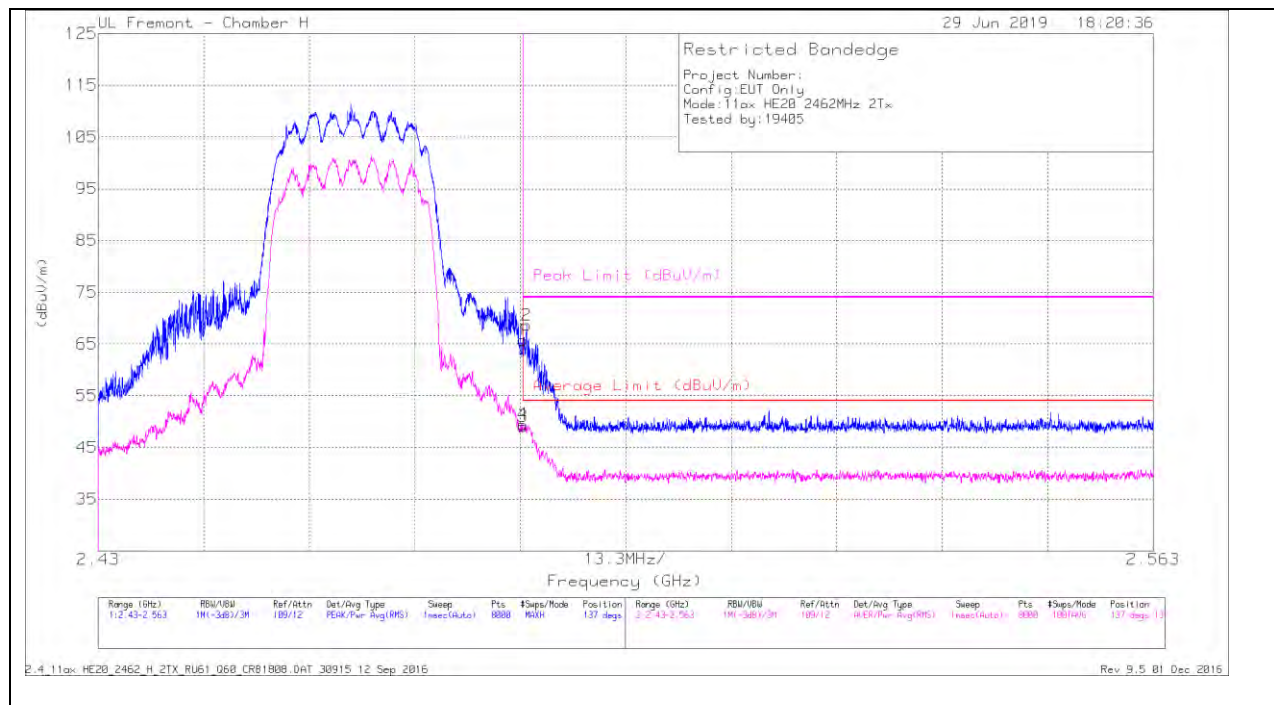
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



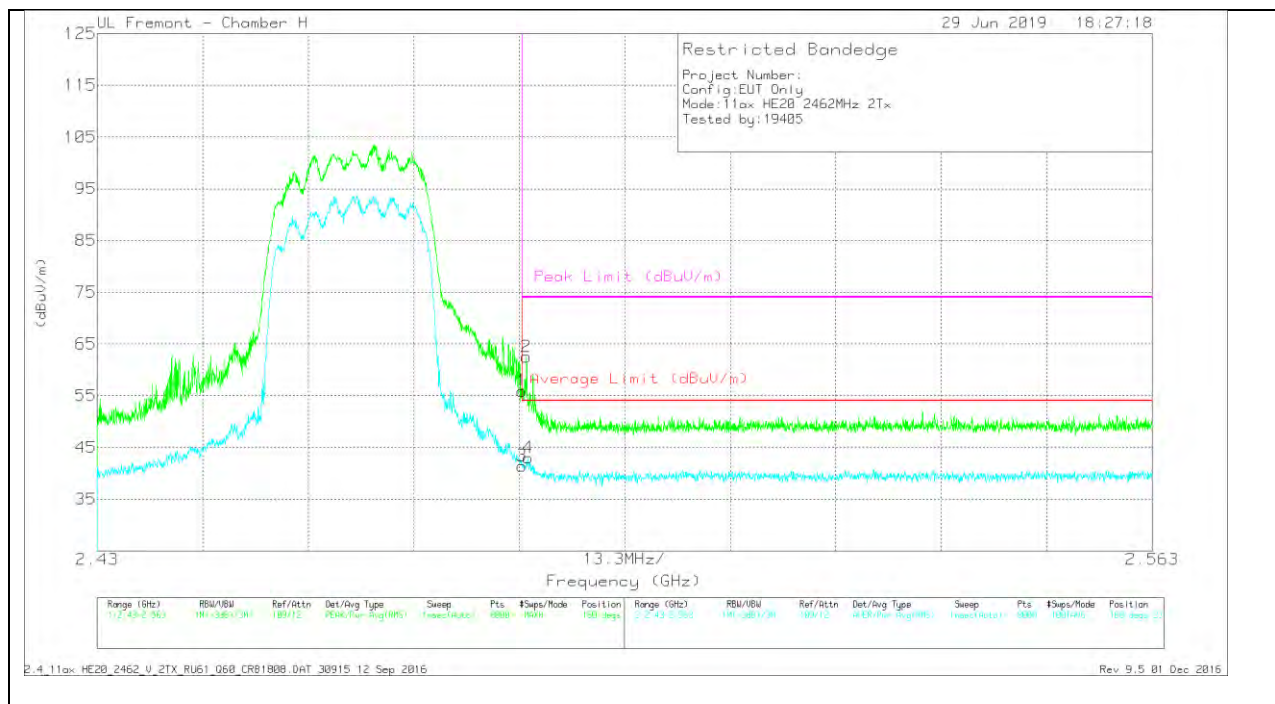
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.7	Pk	32.5	-21.5	65.7	-	-	74	-8.3	137	139	H
2	* 2.484	57.65	Pk	32.5	-21.5	68.65	-	-	74	-5.35	137	139	H
3	* 2.484	38.09	RMS	32.5	-21.5	49.09	54	-4.91	-	-	137	139	H
4	* 2.484	38.44	RMS	32.5	-21.5	49.44	54	-4.56	-	-	137	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

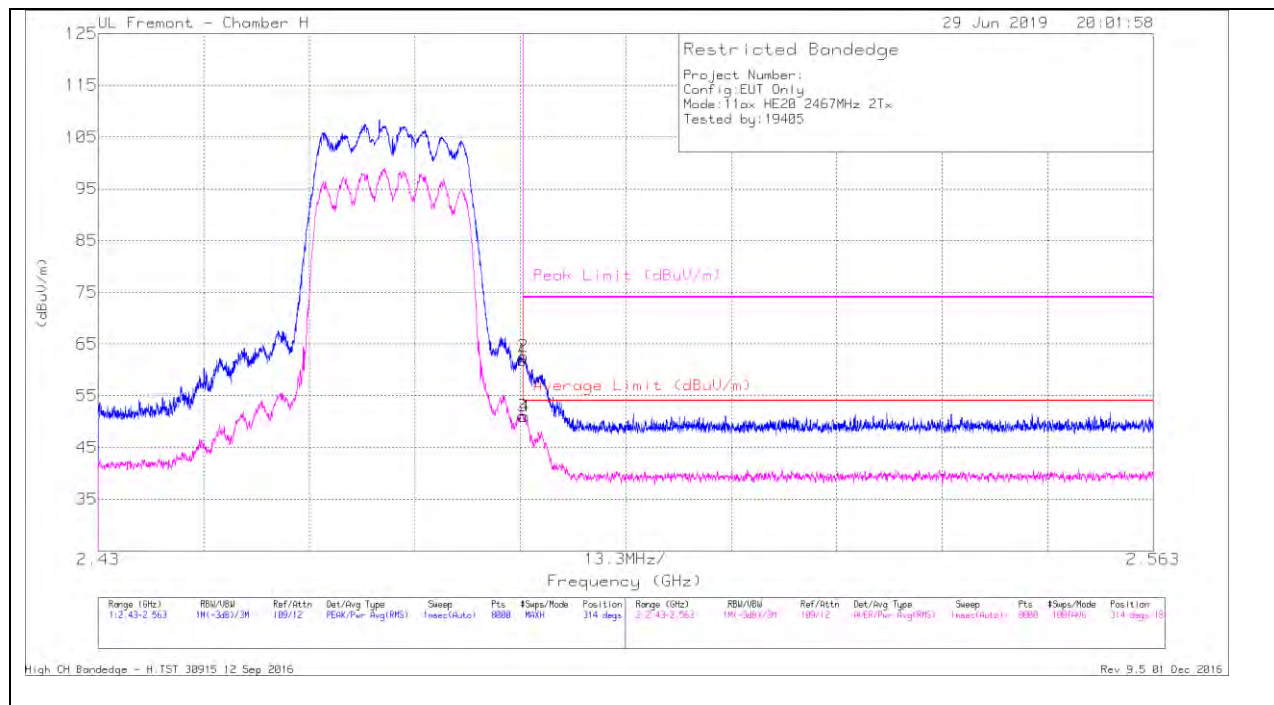


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.93	PK	32.5	-21.5	55.93	-	-	74	-18.07	160	331	V
2	* 2.484	51.52	PK	32.5	-21.5	62.52	-	-	74	-11.48	160	331	V
3	* 2.484	30.44	RMS	32.5	-21.5	41.44	54	-12.56	-	-	160	331	V
4	* 2.484	31.99	RMS	32.5	-21.5	42.99	54	-11.01	-	-	160	331	V

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

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



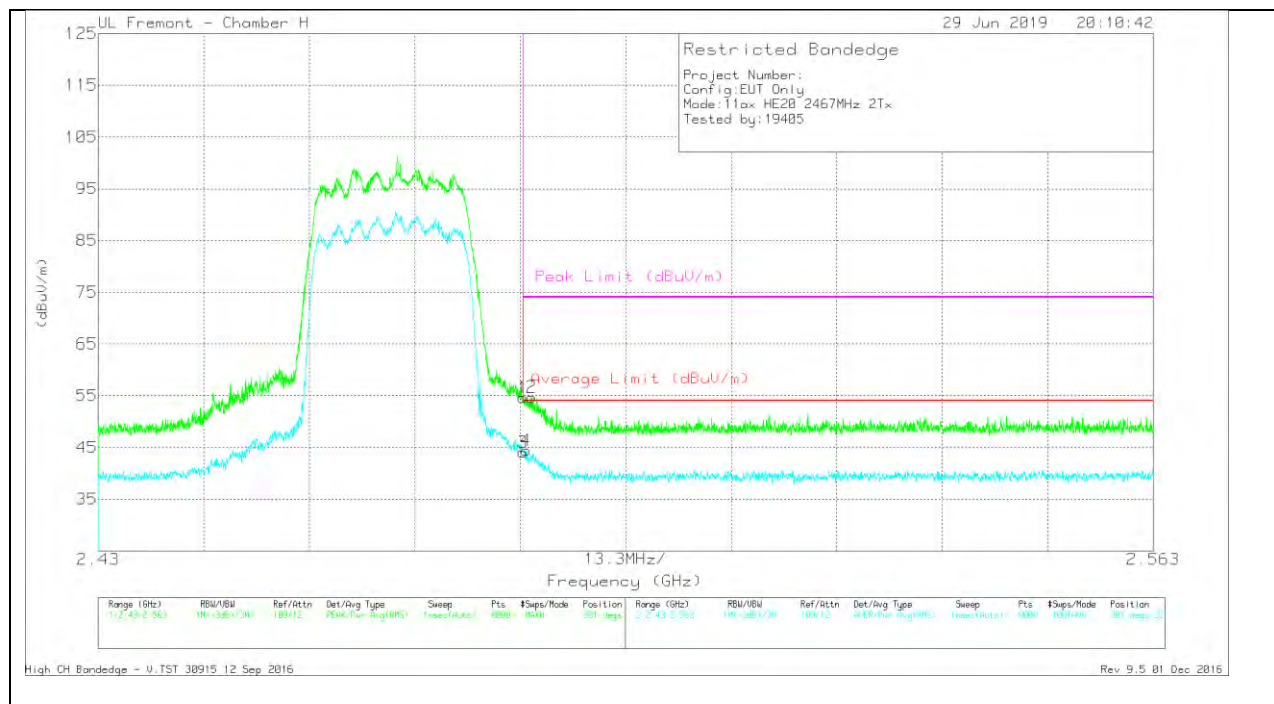
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.88	Pk	32.5	-21.5	61.88	-	-	74	-12.12	314	183	H
2	* 2.484	51.59	Pk	32.5	-21.5	62.59	-	-	74	-11.41	314	183	H
3	* 2.484	40.09	RMS	32.5	-21.5	51.09	54	-2.91	-	-	314	183	H
4	* 2.484	39.99	RMS	32.5	-21.5	50.99	54	-3.01	-	-	314	183	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.64	Pk	32.5	-21.5	54.64	-	-	74	-19.36	301	327	V
2	* 2.485	43.7	Pk	32.5	-21.5	54.7	-	-	74	-19.3	301	327	V
3	* 2.484	33.05	RMS	32.5	-21.5	44.05	54	-9.95	-	-	301	327	V
4	* 2.484	33.42	RMS	32.5	-21.5	44.42	54	-9.58	-	-	301	327	V

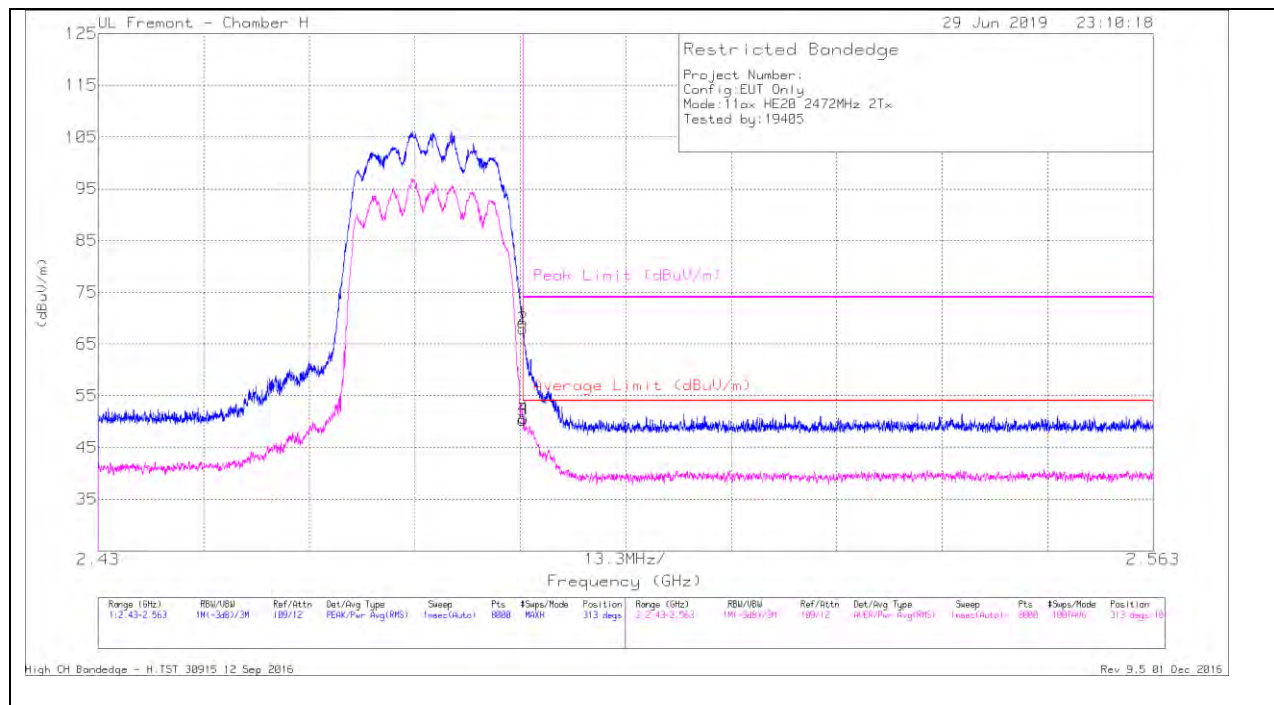
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



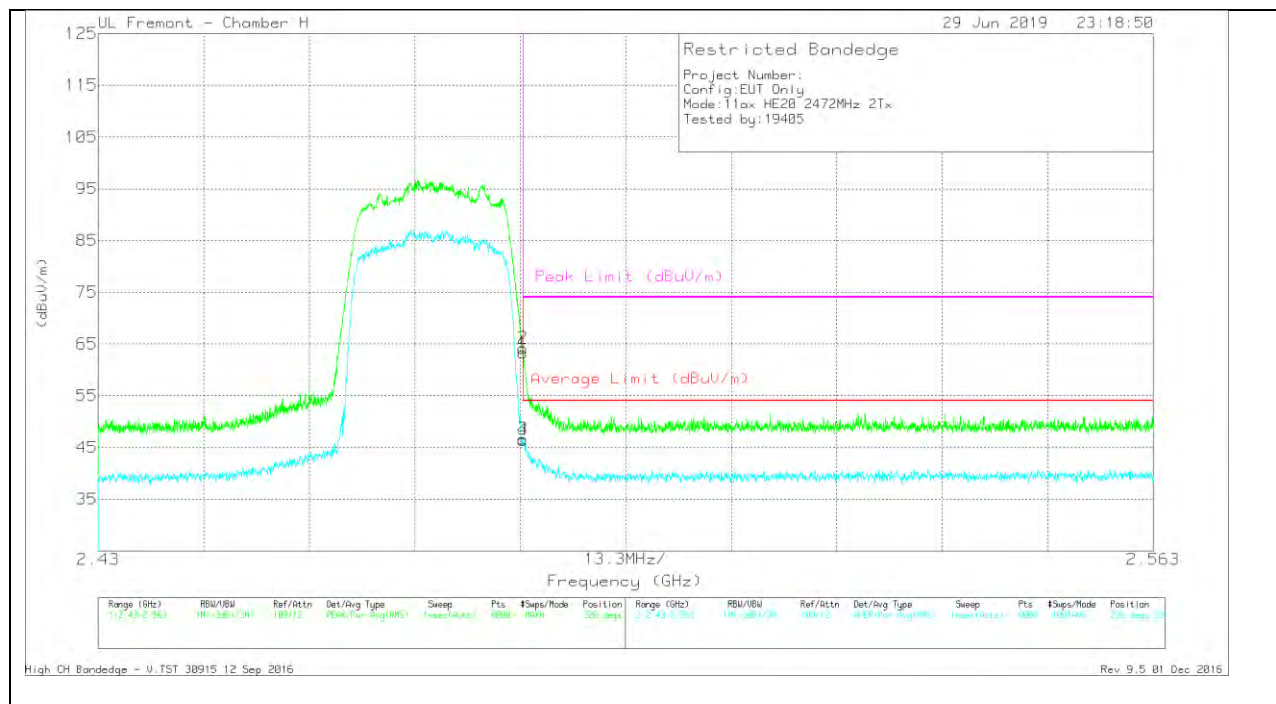
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.13	Pk	32.5	-21.5	69.13	-	-	74	-4.87	313	101	H
2	* 2.484	56.95	Pk	32.5	-21.5	67.95	-	-	74	-6.05	313	101	H
3	* 2.484	39.29	RMS	32.5	-21.5	50.29	54	-3.71	-	-	313	101	H
4	* 2.484	39.64	RMS	32.5	-21.5	50.64	54	-3.36	-	-	313	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 T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.33	Pk	32.5	-21.5	63.33	-	-	74	-10.67	226	330	V
2	* 2.484	53.18	Pk	32.5	-21.5	64.18	-	-	74	-9.82	226	330	V
3	* 2.484	35.64	RMS	32.5	-21.5	46.64	54	-7.36	-	-	226	330	V
4	* 2.484	35.42	RMS	32.5	-21.5	46.42	54	-7.58	-	-	226	330	V

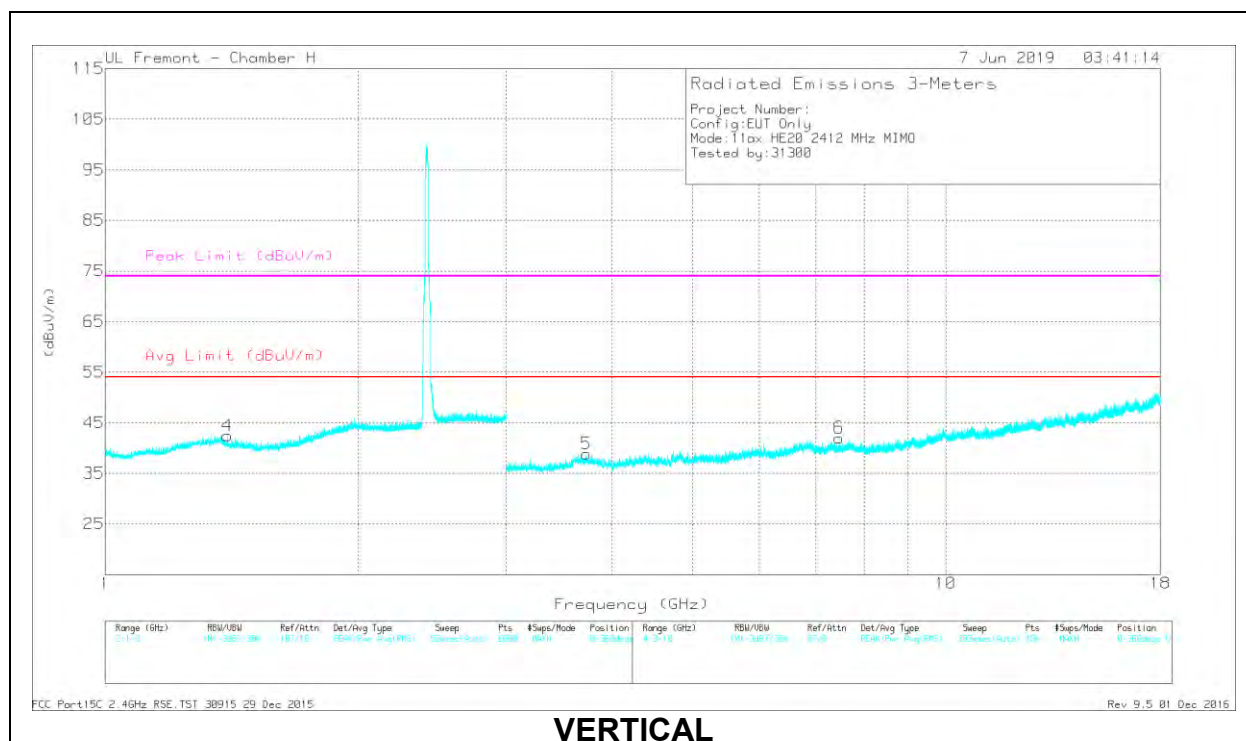
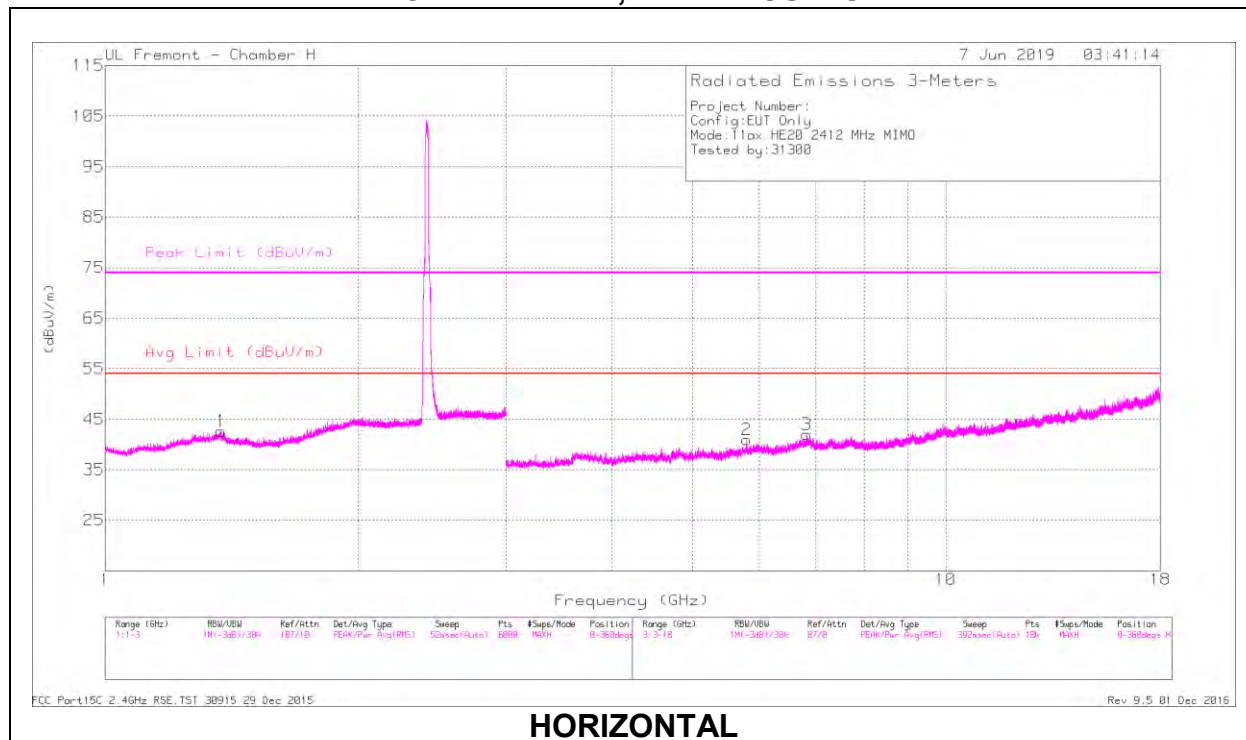
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

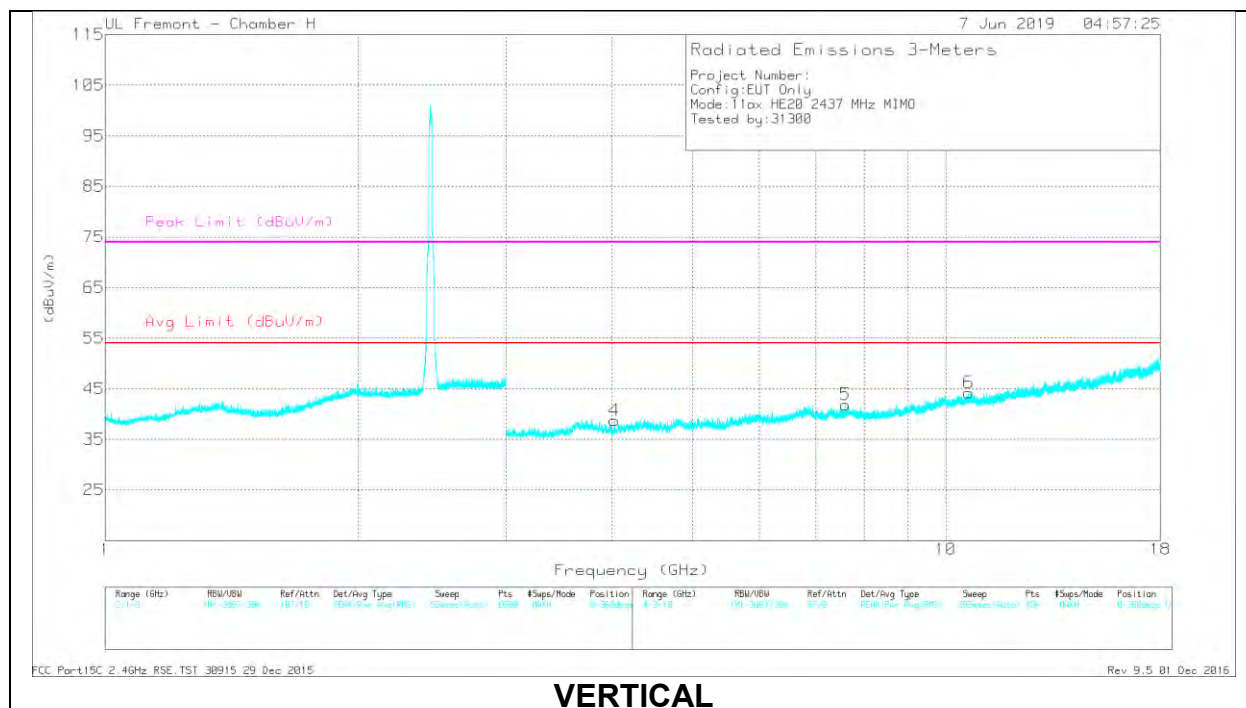
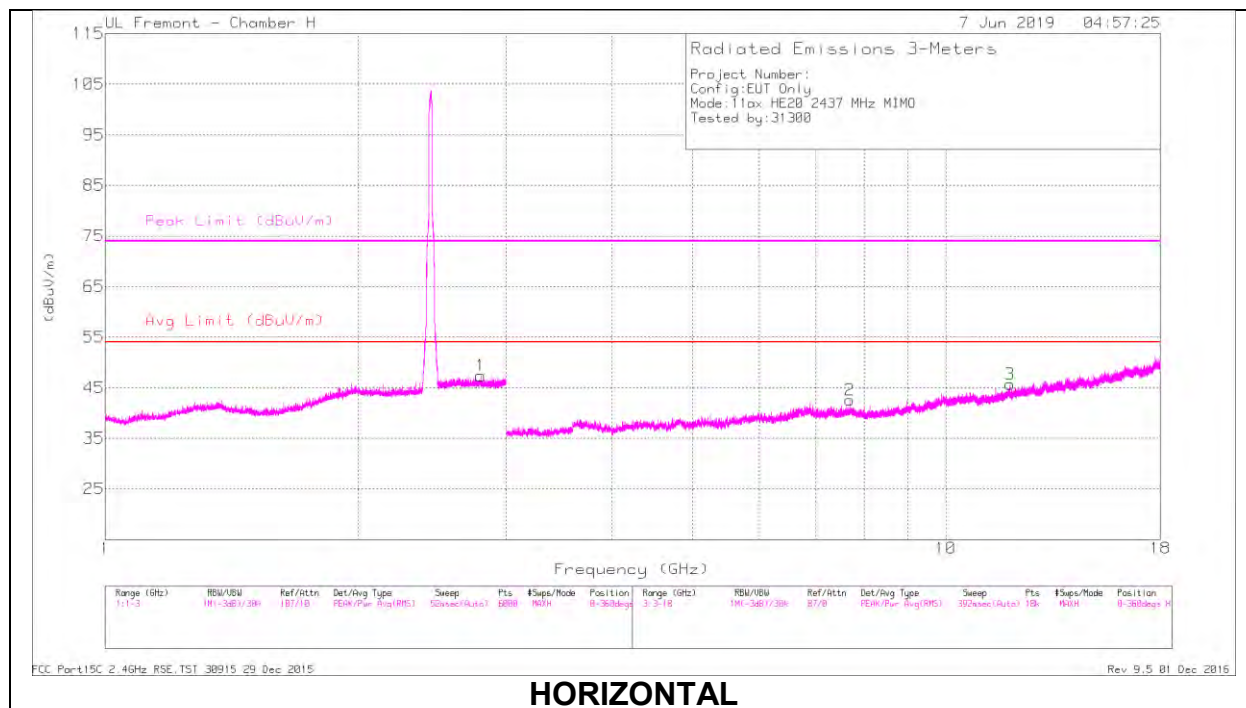
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.374	45.38	PK2	29.4	-25.2	49.58	-	-	74	-24.42	0	100	H
	* 1.374	33.6	MAv1	29.4	-25.2	37.8	54	-16.2	-	-	0	100	H
4	* 1.399	45.26	PK2	28.8	-25.1	48.96	-	-	74	-25.04	0	100	V
	* 1.396	33.29	MAv1	28.9	-25.1	37.09	54	-16.91	-	-	0	100	V
5	* 3.736	42.04	PK2	33.2	-30.9	44.34	-	-	74	-29.66	0	100	V
	* 3.736	31	MAv1	33.2	-30.9	33.3	54	-20.7	-	-	0	100	V
6	* 7.467	38.61	PK2	36.5	-27.5	47.61	-	-	74	-26.39	0	100	V
	* 7.466	27.34	MAv1	36.5	-27.4	36.44	54	-17.56	-	-	0	100	V
2	5.794	40.63	PK2	35.4	-29	47.03	-	-	74	-26.97	0	100	H
	5.796	29.17	MAv1	35.4	-29.1	35.47	54	-18.53	-	-	0	100	H
3	6.834	39.5	PK2	36.7	-28	48.2	-	-	74	-25.8	0	100	H
	6.832	28.31	MAv1	36.7	-28.1	36.91	54	-17.09	-	-	0	100	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



RADIATED EMISSIONS

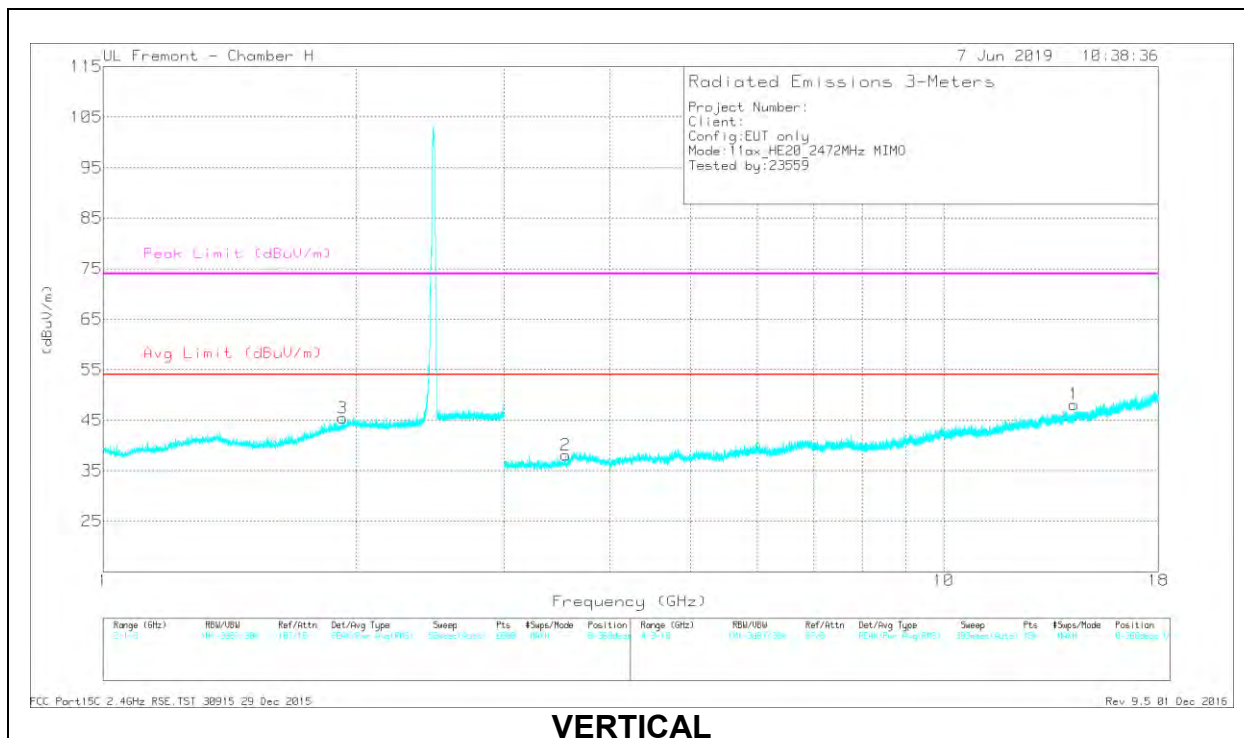
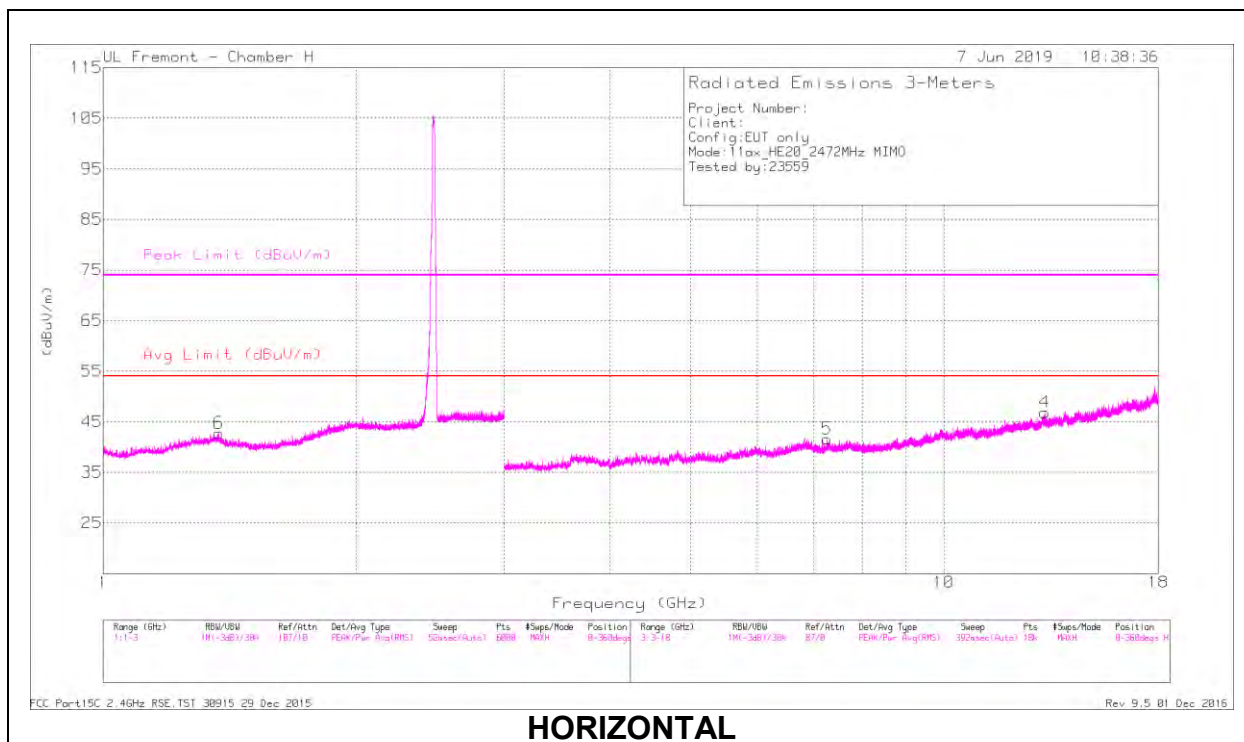
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.798	44.49	PK2	32.5	-23.1	53.89	-	-	74	-20.11	0	100	H
	* 2.797	32.59	MAv1	32.5	-23.1	41.99	54	-12.01	-	-	0	100	H
2	* 7.69	37.88	PK2	36.6	-26.7	47.78	-	-	74	-26.22	0	100	H
	* 7.689	27.06	MAv1	36.6	-26.7	36.96	54	-17.04	-	-	0	100	H
3	* 11.923	35.93	PK2	38.7	-23.1	51.53	-	-	74	-22.47	0	100	H
	* 11.921	24.81	MAv1	38.7	-23.1	40.41	54	-13.59	-	-	0	100	H
4	* 4.035	41.22	PK2	33.3	-30.2	44.32	-	-	74	-29.68	0	100	V
	* 4.035	30.11	MAv1	33.3	-30.2	33.21	54	-20.79	-	-	0	100	V
5	* 7.594	38.91	PK2	36.6	-27.7	47.81	-	-	74	-26.19	0	100	V
	* 7.593	27.59	MAv1	36.6	-27.7	36.49	54	-17.51	-	-	0	100	V
6	* 10.651	35.69	PK2	37.7	-23.3	50.09	-	-	74	-23.91	0	100	V
	* 10.651	24.75	MAv1	37.7	-23.3	39.15	54	-14.85	-	-	0	100	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

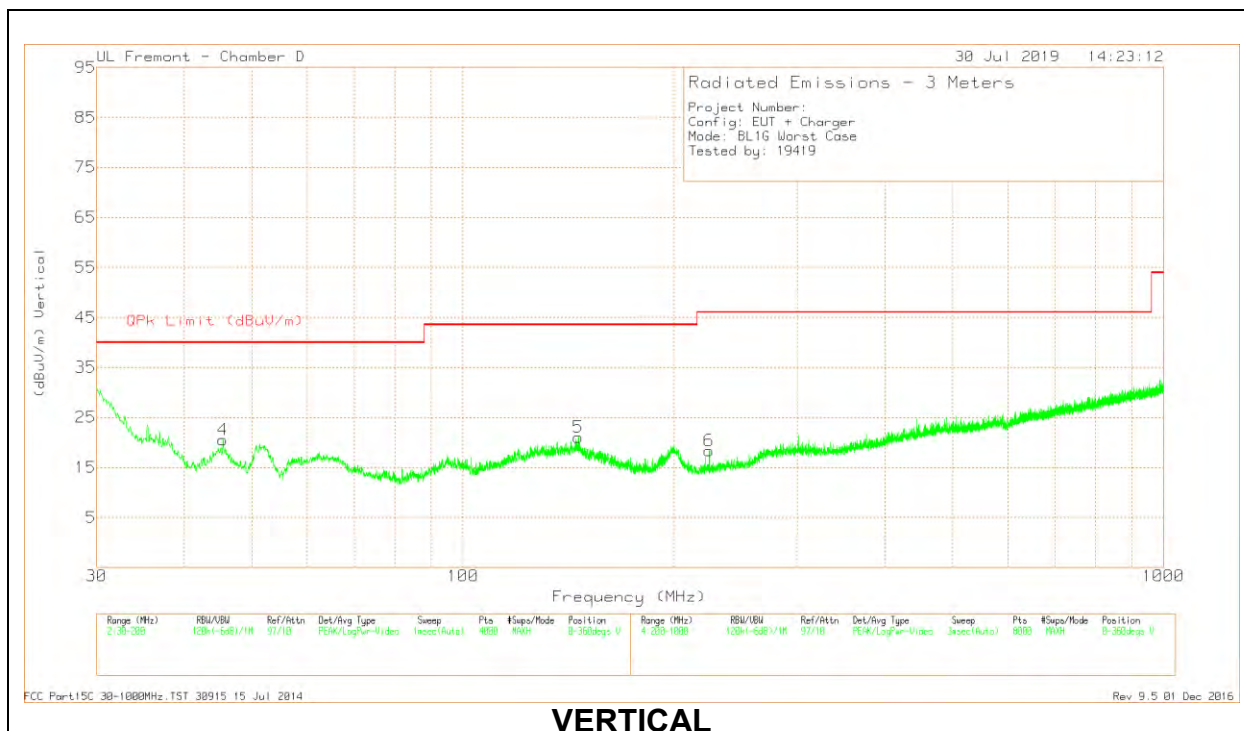
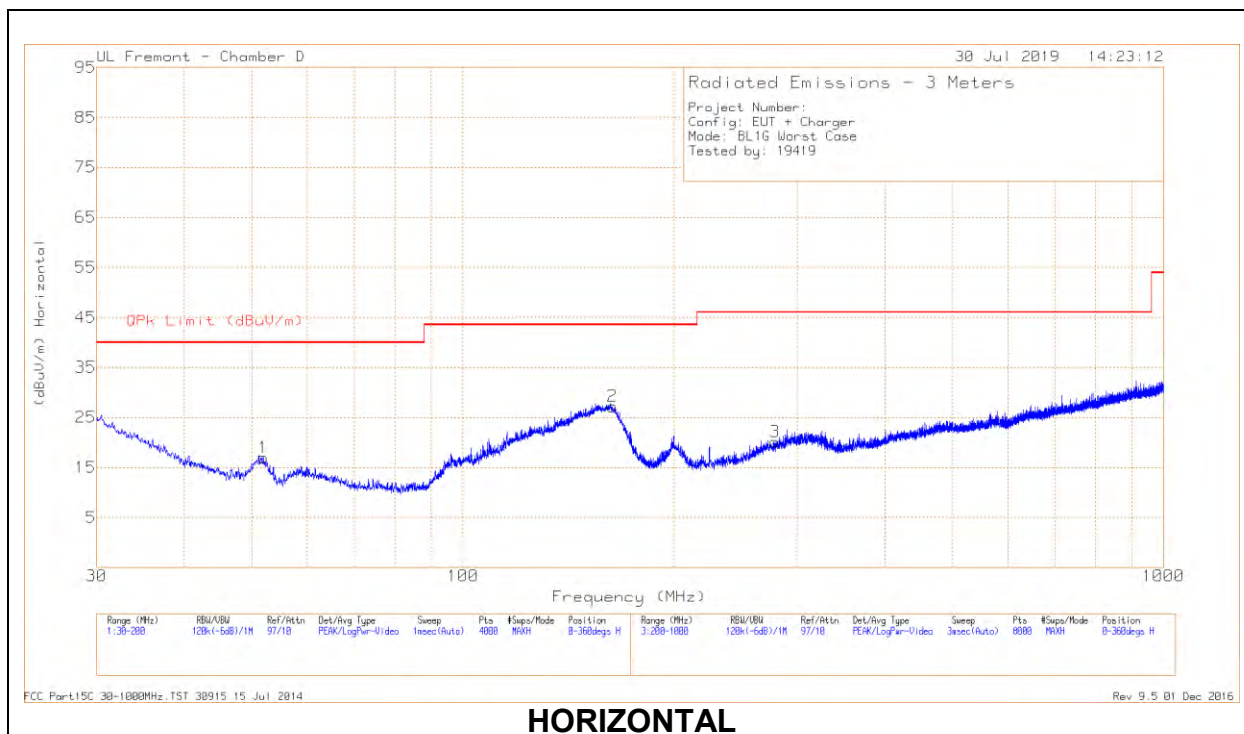
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 1.376	45.43	PK2	29.3	-25.2	49.53	-	-	74	-24.47	155	172	H
	* 1.369	33.56	MAv1	29.6	-25.2	37.96	54	-16.04	-	-	155	172	H
5	* 7.258	38.75	PK2	36.4	-27.2	47.95	-	-	74	-26.05	169	249	H
	* 7.257	27.75	MAv1	36.4	-27.2	36.95	54	-17.05	-	-	169	249	H
2	* 3.544	42.13	PK2	33.1	-30.6	44.63	-	-	74	-29.37	297	213	V
	* 3.547	30.76	MAv1	33.1	-30.6	33.26	54	-20.74	-	-	297	213	V
3	1.922	44.47	PK2	31.4	-24.2	51.67	-	-	-	-	295	259	V
4	13.193	35.26	PK2	39.5	-22.3	52.46	-	-	-	-	307	332	H
1	14.277	36	PK2	39.6	-22.5	53.1	-	-	-	-	24	119	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. WORST CASE BELOW 1 GHz



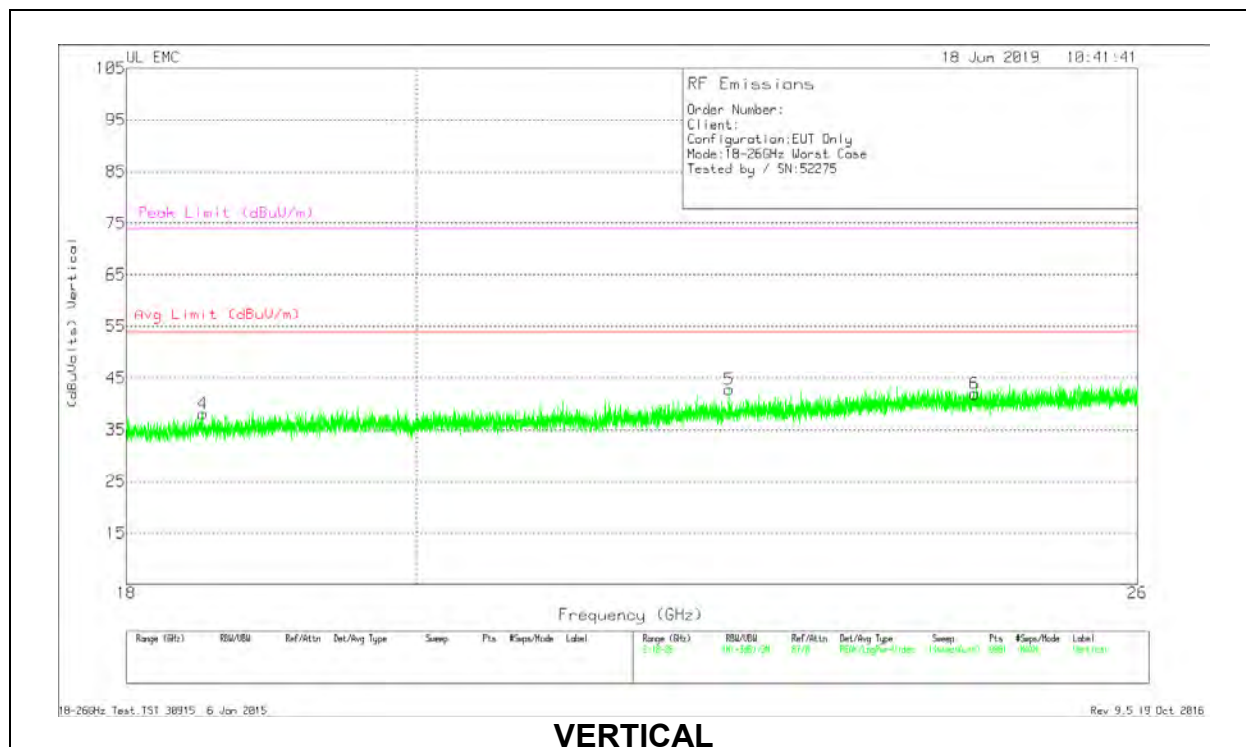
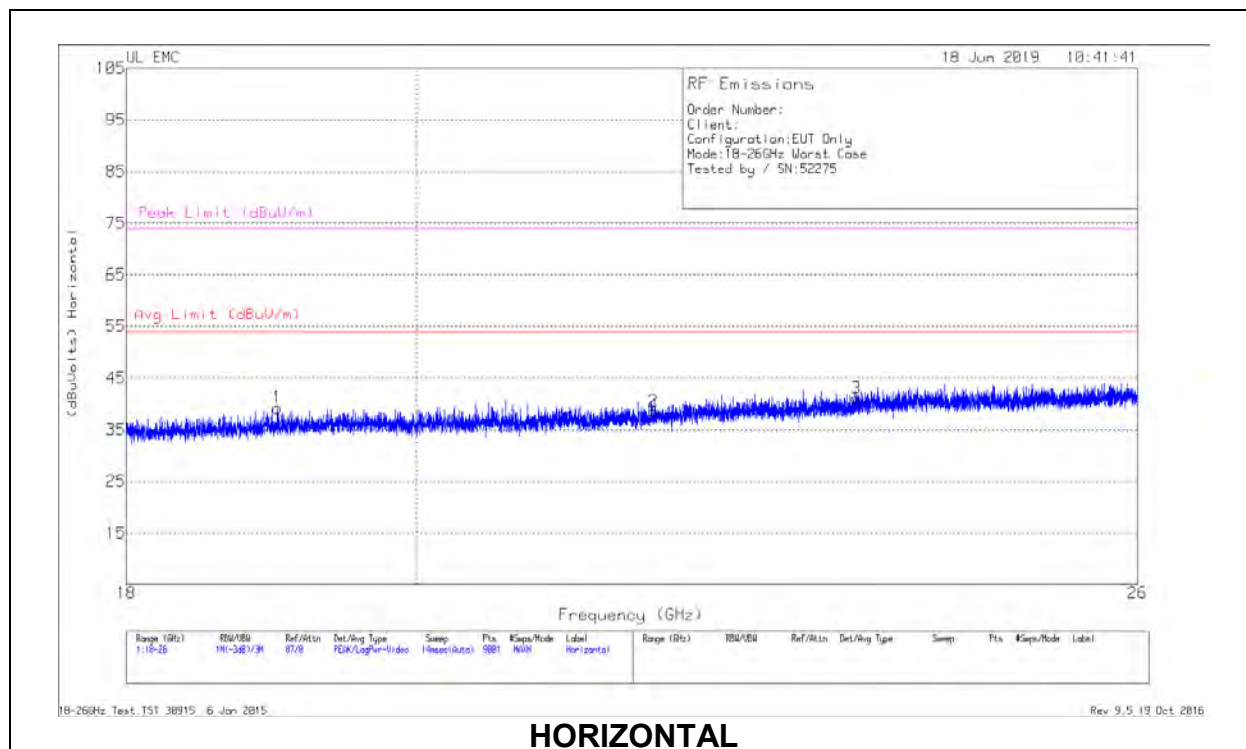
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T185 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 163.7377	34.71	Qp	17.9	-30.5	22.11	43.52	-21.41	120	141	H
3	* 278.9101	24.31	Qp	19.3	-29.8	13.81	46.02	-32.21	306	137	H
4	45.6571	28.3	Qp	15.8	-31.6	12.5	40	-27.5	307	165	V
1	51.9604	27.45	Qp	13.2	-31.5	9.15	40	-30.85	59	207	H
5	146.0158	27.85	Qp	18.5	-30.6	15.75	43.52	-27.77	25	159	V
6	224.7526	25.36	Qp	16.8	-30.1	12.06	46.02	-33.96	35	113	V

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

Qp - Quasi-Peak detector

9.3. WORST CASE 18-26 GHz



18 – 26GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T449 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.017	37.81	Pk	32.6	-21.7	-9.5	39.21	54	-14.79	74	-34.79
2	21.803	35.73	Pk	33.2	-20.9	-9.5	38.53	54	-15.47	74	-35.47
3	23.474	36.56	Pk	34	-20	-9.5	41.06	54	-12.94	74	-32.94
4	18.508	37.11	Pk	32.4	-21.9	-9.5	38.11	54	-15.89	74	-35.89
5	22.411	39.12	Pk	33.5	-20.3	-9.5	42.82	54	-11.18	74	-31.18
6	24.502	36.53	Pk	34.4	-19.5	-9.5	41.93	54	-12.07	74	-32.07

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

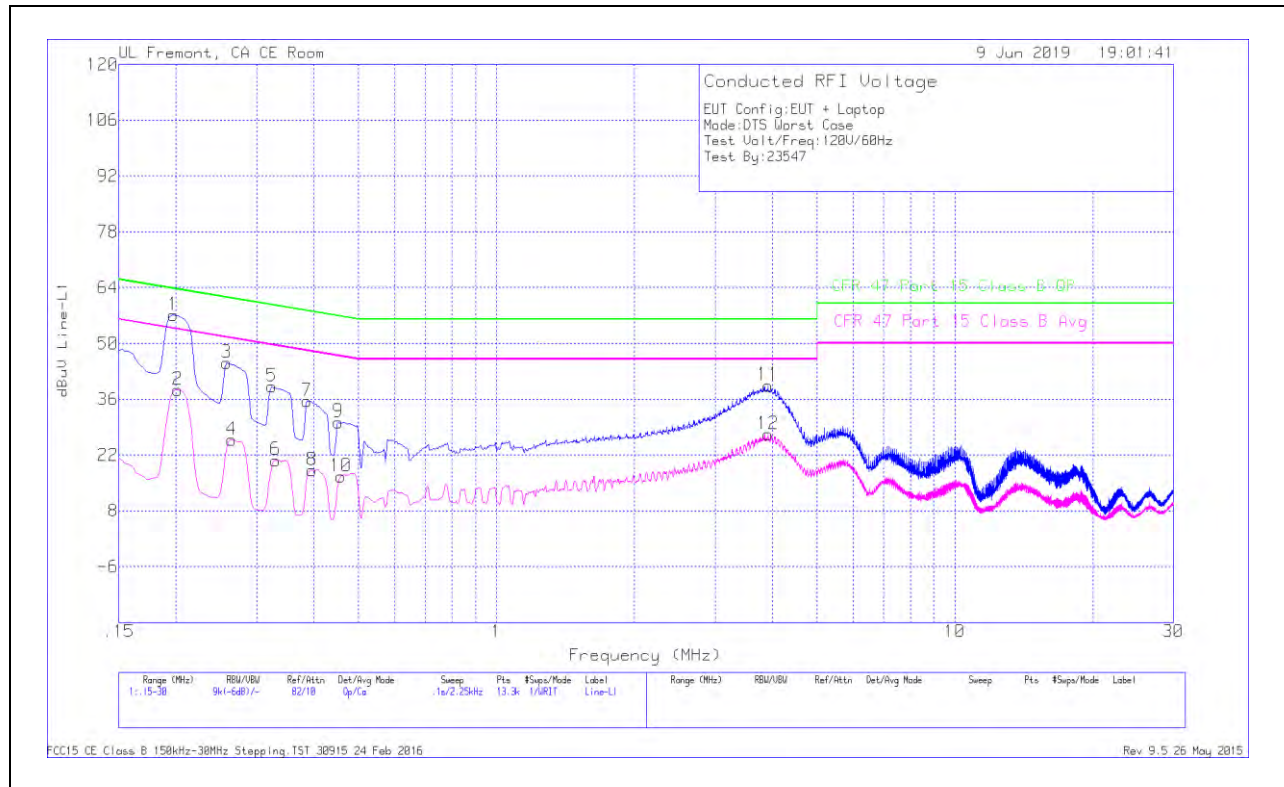
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS



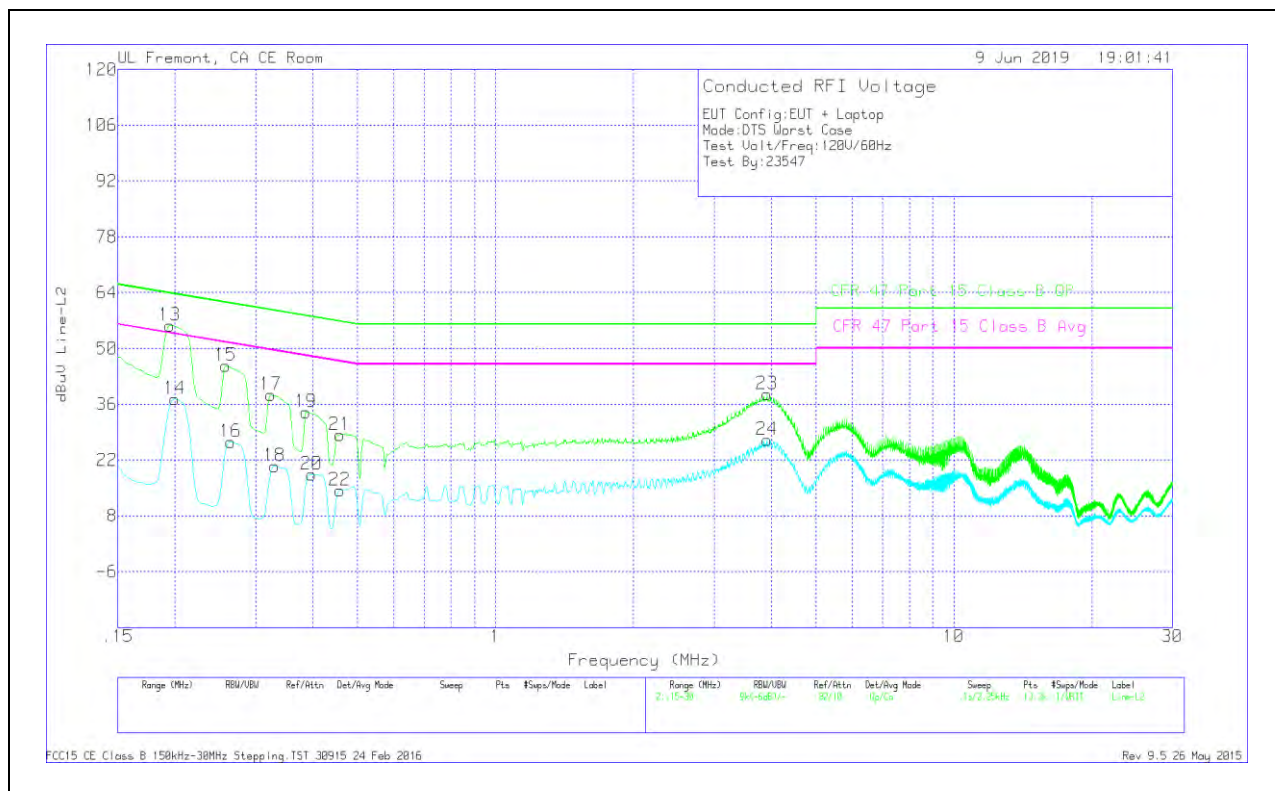
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.19725	47.01	Qp	0	0	10.1	57.11	63.73	-6.62	-	-
2	.20175	28.25	Ca	0	0	10.1	38.35	-	-	53.54	-15.19
3	.258	35.04	Qp	0	0	10.1	45.14	61.5	-16.36	-	-
4	.26475	15.8	Ca	0	0	10.1	25.9	-	-	51.28	-25.38
5	.32325	29.07	Qp	0	0	10.1	39.17	59.62	-20.45	-	-
6	.33	10.61	Ca	0	0	10.1	20.71	-	-	49.45	-28.74
7	.38625	25.53	Qp	0	0	10.1	35.63	58.14	-22.51	-	-
8	.39525	8.16	Ca	0	0	10.1	18.26	-	-	47.95	-29.69
9	.4515	20.17	Qp	0	0	10.1	30.27	56.85	-26.58	-	-
10	.45825	6.47	Ca	0	0	10.1	16.57	-	-	46.72	-30.15
11	3.91425	29.28	Qp	0	.1	10.1	39.48	56	-16.52	-	-
12	3.91425	17	Ca	0	.1	10.1	27.2	-	-	46	-18.8

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



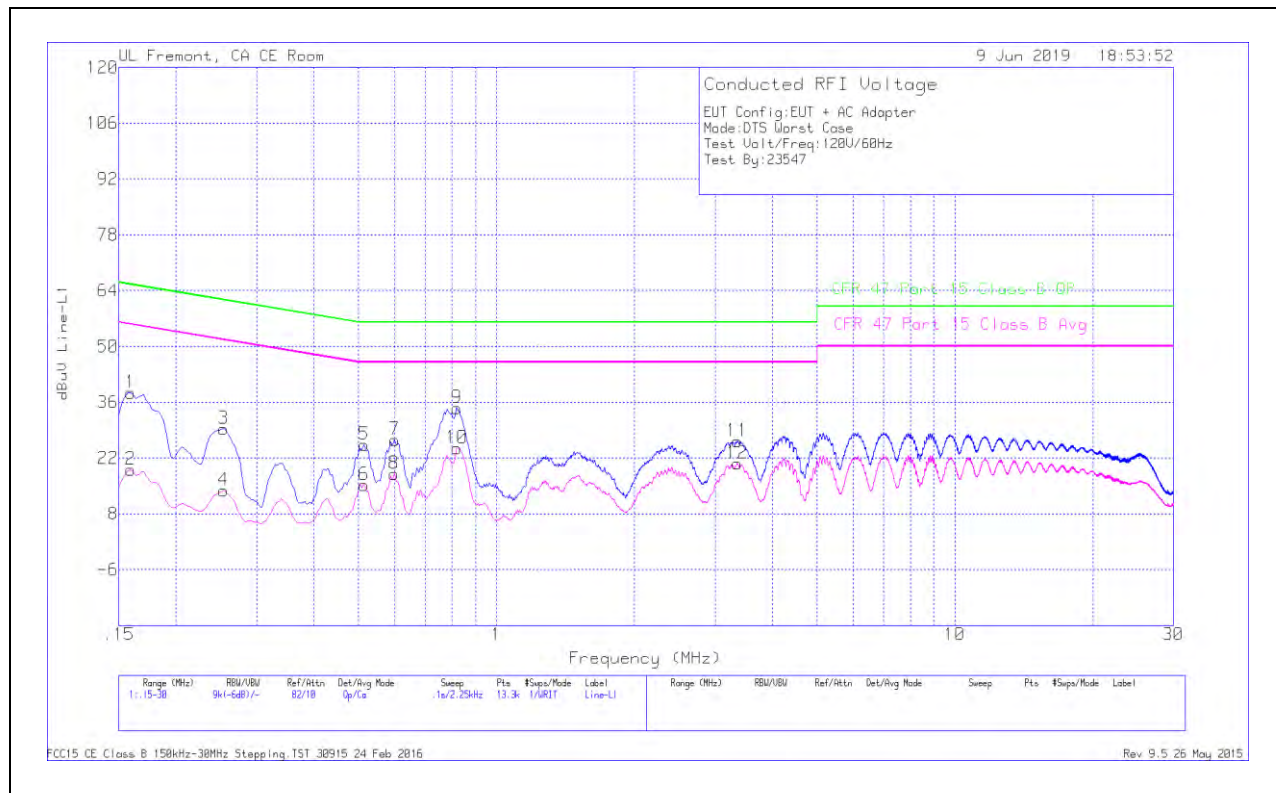
Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.195	45.62	Qp	0	0	10.1	55.72	63.82	-8.1	-	-
14	.1995	27.18	Ca	0	0	10.1	37.28	-	-	53.63	-16.35
15	.258	35.57	Qp	0	0	10.1	45.67	61.5	-15.83	-	-
16	.26475	16.5	Ca	0	0	10.1	26.6	-	-	51.28	-24.68
17	.32325	28.28	Qp	0	0	10.1	38.38	59.62	-21.24	-	-
18	.33	10.37	Ca	0	0	10.1	20.47	-	-	49.45	-28.98
19	.38625	23.98	Qp	0	0	10.1	34.08	58.14	-24.06	-	-
20	.3975	8.29	Ca	0	0	10.1	18.39	-	-	47.91	-29.52
21	.45825	18.22	Qp	0	0	10.1	28.32	56.72	-28.4	-	-
22	.45825	4.33	Ca	0	0	10.1	14.43	-	-	46.72	-32.29
23	3.912	28.28	Qp	0	.1	10.1	38.48	56	-17.52	-	-
24	3.912	16.93	Ca	0	.1	10.1	27.13	-	-	46	-18.87

Qp - Quasi-Peak detector
Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS



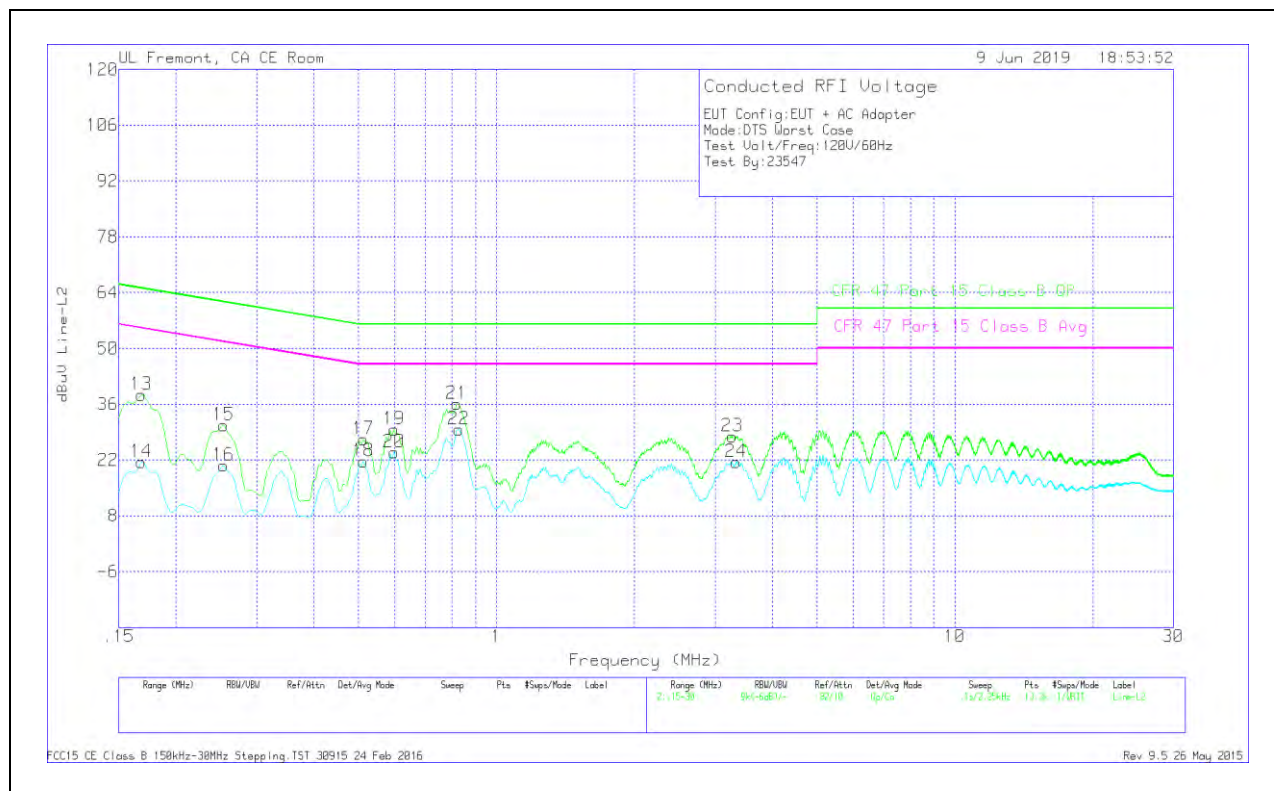
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.159	28.22	Qp	.1	0	10.1	38.42	65.52	-27.1	-	-
2	.159	8.88	Ca	.1	0	10.1	19.08	-	-	55.52	-36.44
3	.2535	19.28	Qp	0	0	10.1	29.38	61.64	-32.26	-	-
4	.2535	3.82	Ca	0	0	10.1	13.92	-	-	51.64	-37.72
5	.5145	15.23	Qp	0	0	10.1	25.33	56	-30.67	-	-
6	.5145	5.2	Ca	0	0	10.1	15.3	-	-	46	-30.7
7	.6	16.48	Qp	0	0	10.1	26.58	56	-29.42	-	-
8	.59775	7.95	Ca	0	0	10.1	18.05	-	-	46	-27.95
9	.8205	24.44	Qp	0	0	10.1	34.54	56	-21.46	-	-
10	.8205	14.42	Ca	0	0	10.1	24.52	-	-	46	-21.48
11	3.35175	15.96	Qp	0	.1	10.1	26.16	56	-29.84	-	-
12	3.354	10.37	Ca	0	.1	10.1	20.57	-	-	46	-25.43

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.168	28.15	Qp	.1	0	10.1	38.35	65.06	-26.71	-	-
14	.168	11.33	Ca	.1	0	10.1	21.53	-	-	55.06	-33.53
15	.2535	20.64	Qp	0	0	10.1	30.74	61.64	-30.9	-	-
16	.2535	10.48	Ca	0	0	10.1	20.58	-	-	51.64	-31.06
17	.51225	17.17	Qp	0	0	10.1	27.27	56	-28.73	-	-
18	.51225	11.49	Ca	0	0	10.1	21.59	-	-	46	-24.41
19	.59775	19.52	Qp	0	0	10.1	29.62	56	-26.38	-	-
20	.59775	13.86	Ca	0	0	10.1	23.96	-	-	46	-22.04
21	.8205	26.04	Qp	0	0	10.1	36.14	56	-19.86	-	-
22	.82725	19.53	Ca	0	0	10.1	29.63	-	-	46	-16.37
23	3.27525	17.73	Qp	0	.1	10.1	27.93	56	-28.07	-	-
24	3.336	11.32	Ca	0	.1	10.1	21.52	-	-	46	-24.48

Qp - Quasi-Peak detector
Ca - CISPR average detection

END OF TEST REPORT

11. SETUP PHOTOS

Please refer to 12943451-EP1V1 for setup photos