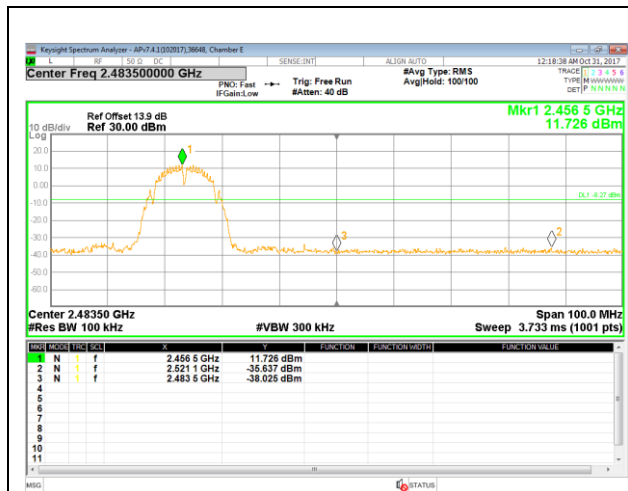
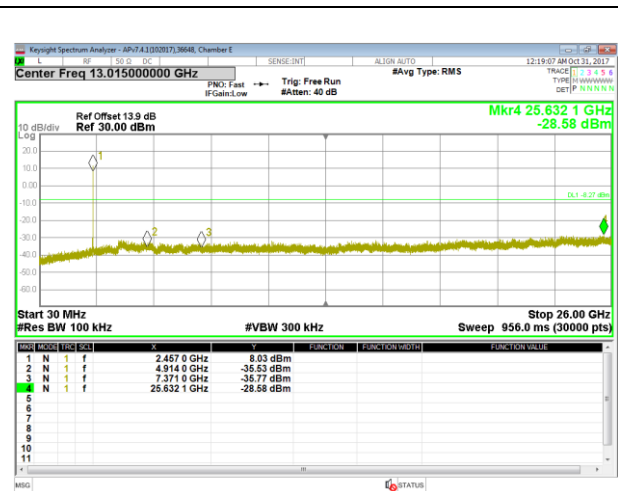
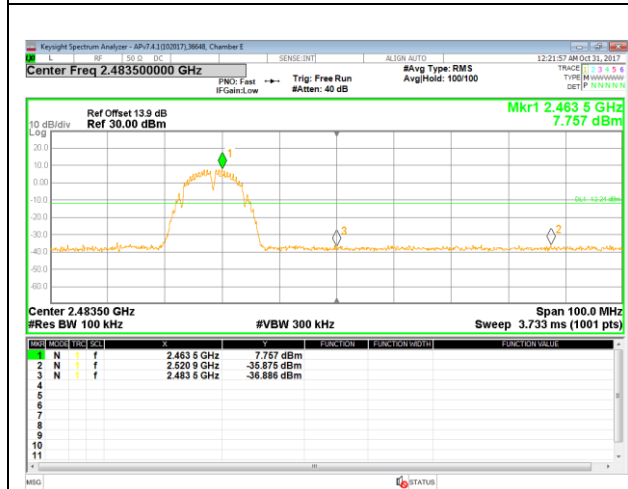




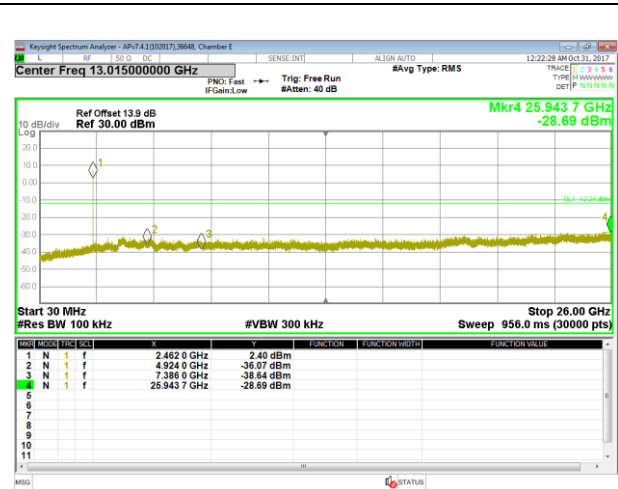
HIGH CHANNEL 10 BANDEDGE



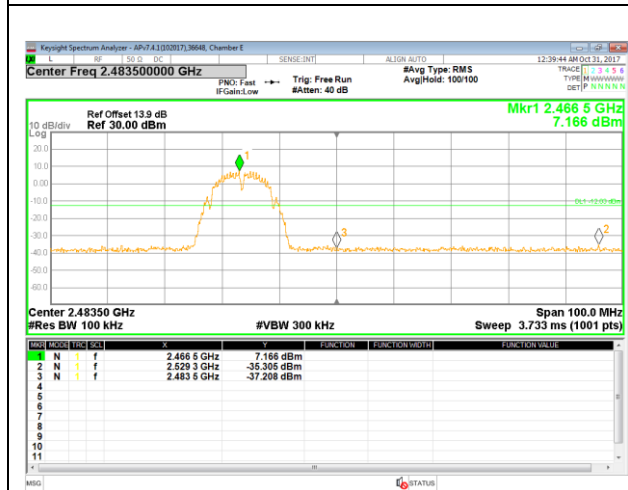
OUT-OF-BAND HIGH CHANNEL 10



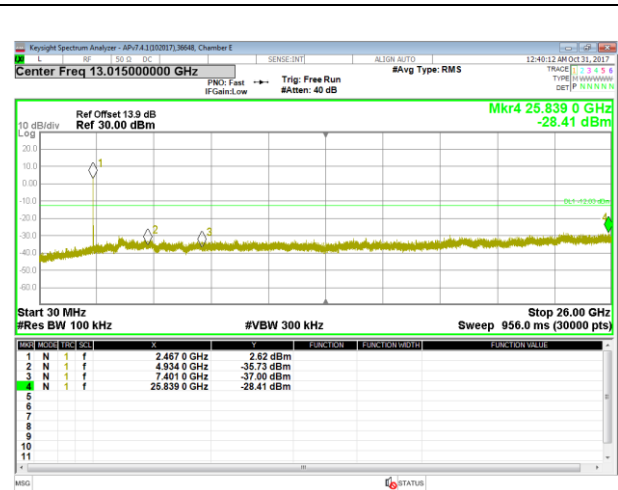
HIGH CHANNEL 11 BANDEDGE



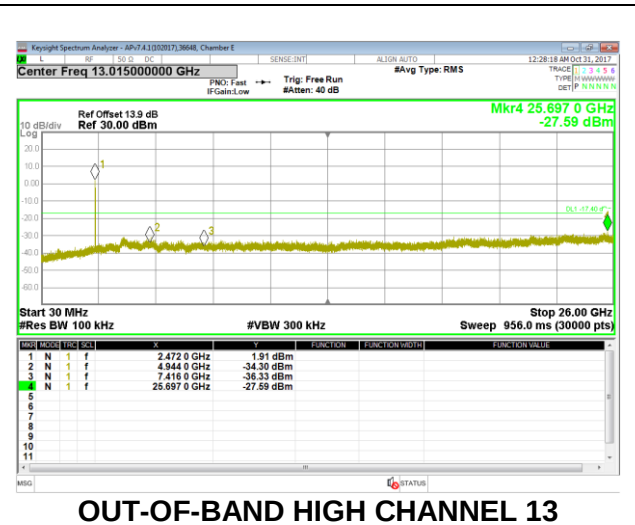
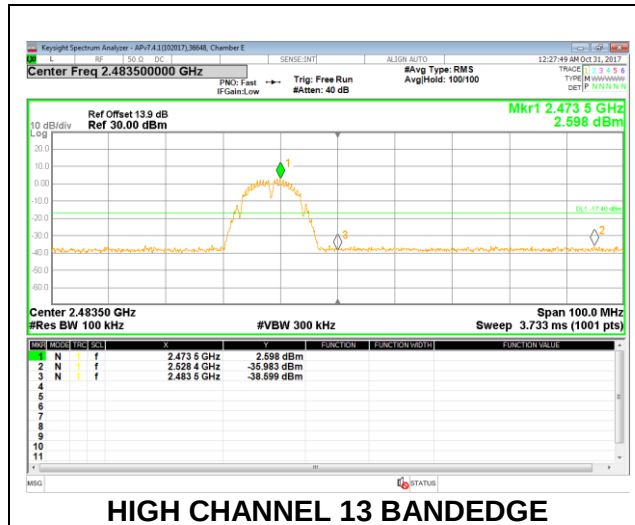
OUT-OF-BAND HIGH CHANNEL 11



HIGH CHANNEL 12 BANDEDGE

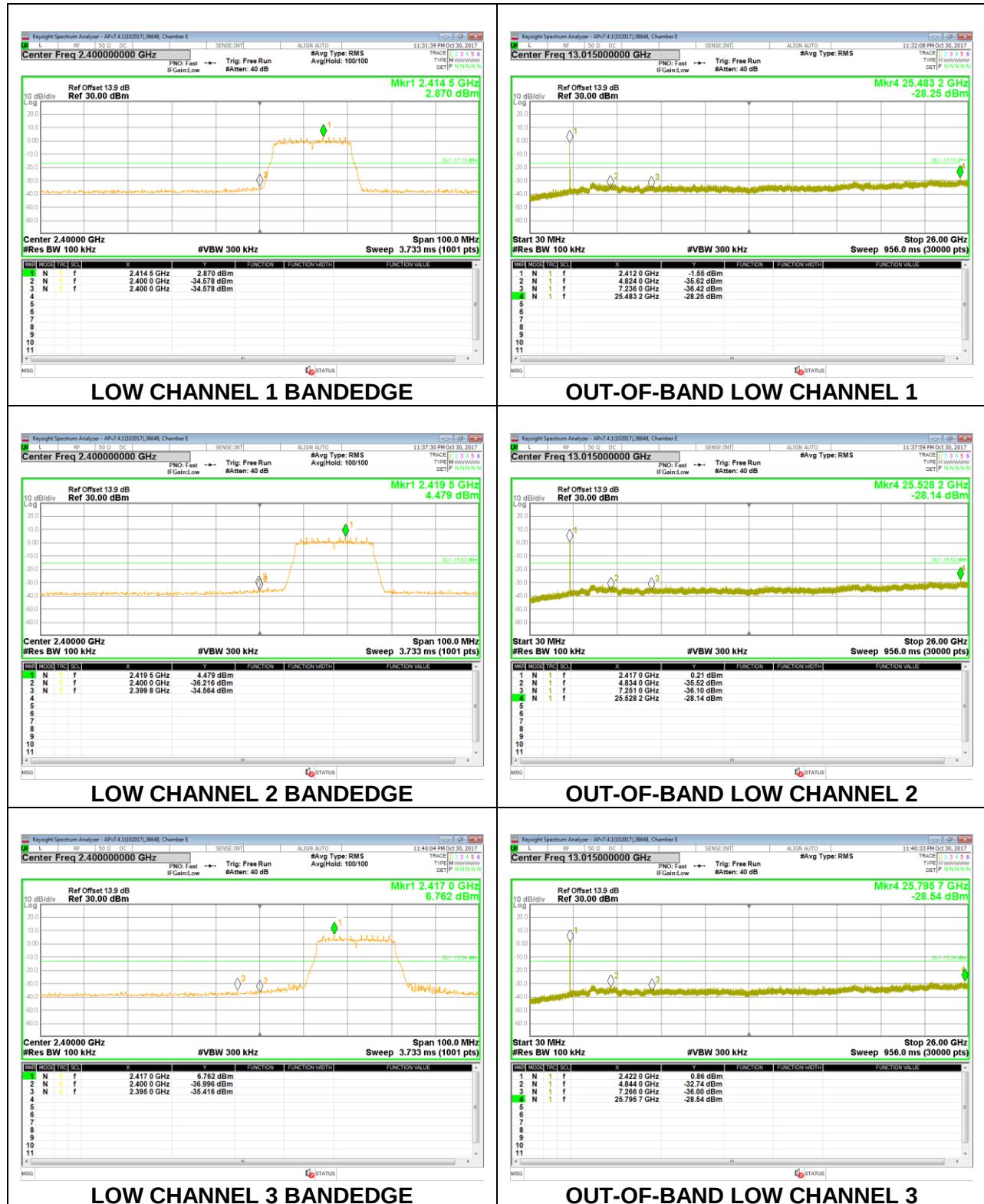


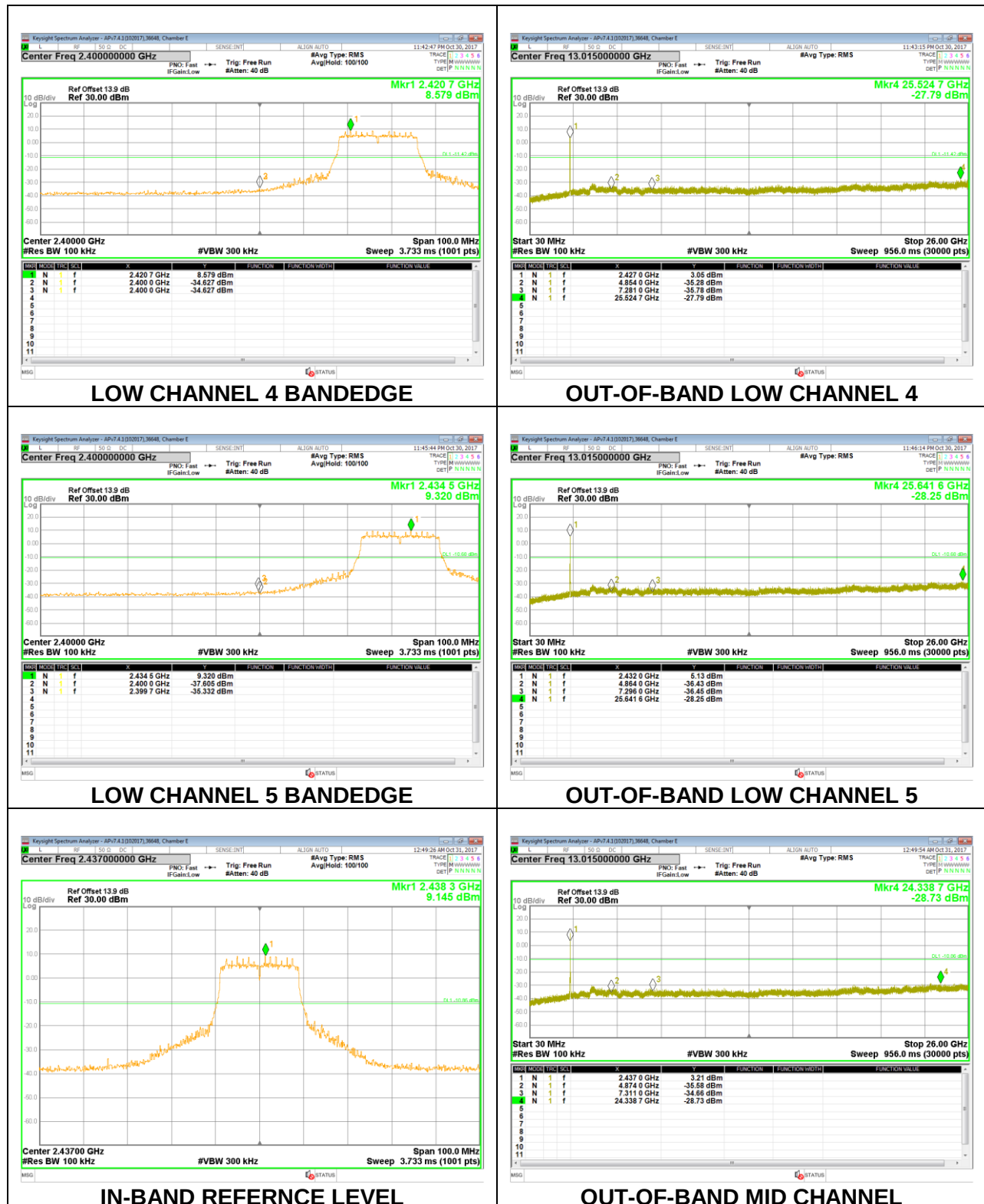
OUT-OF-BAND HIGH CHANNEL 12

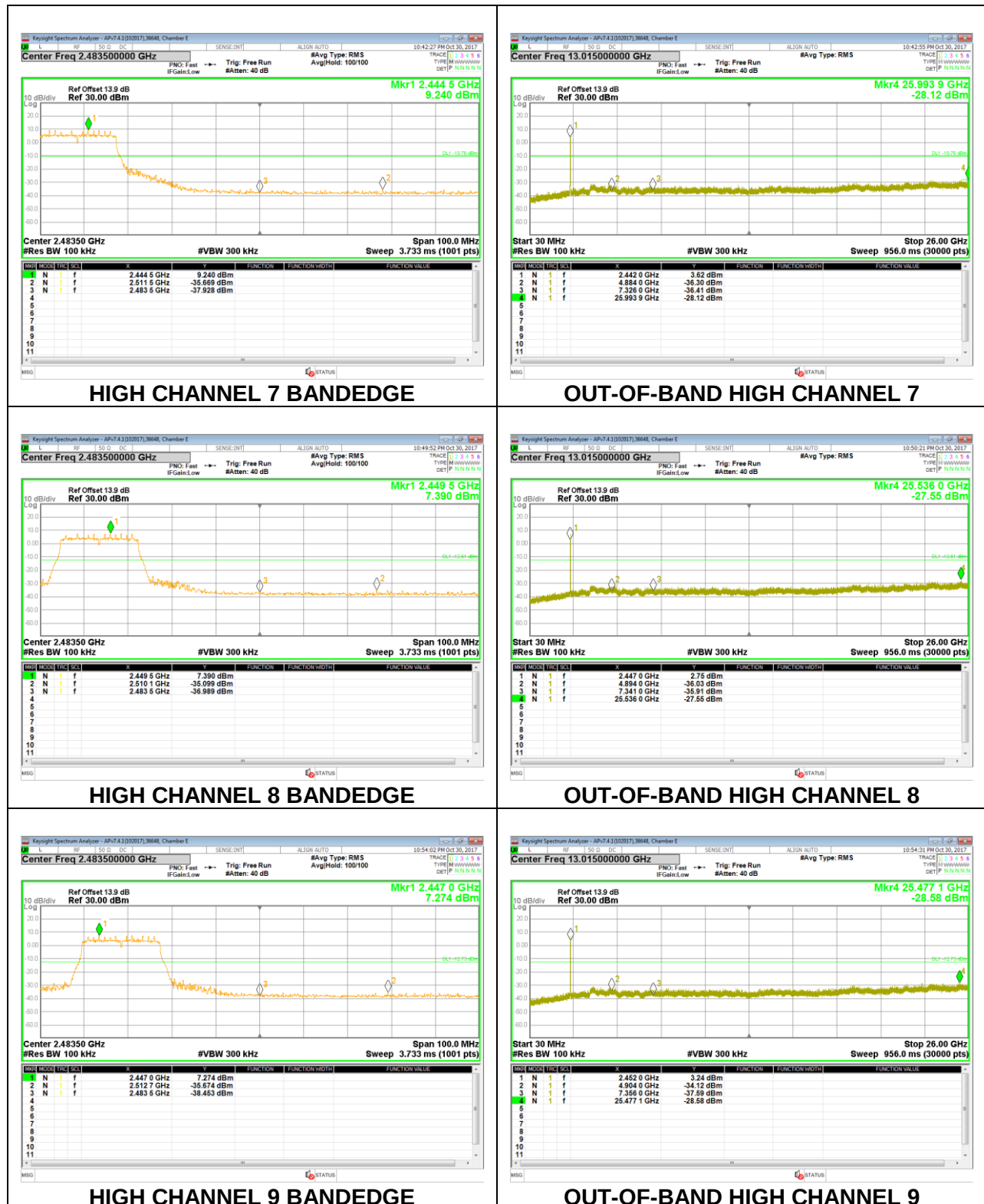


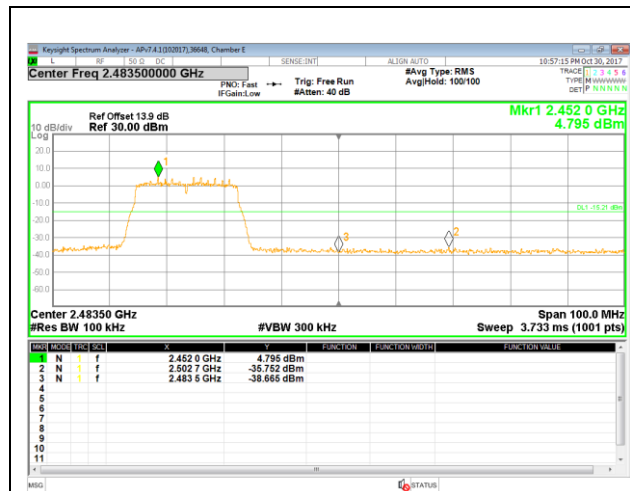
4.7.2. 802.11n HT20 MODE

1TX Antenna WF4

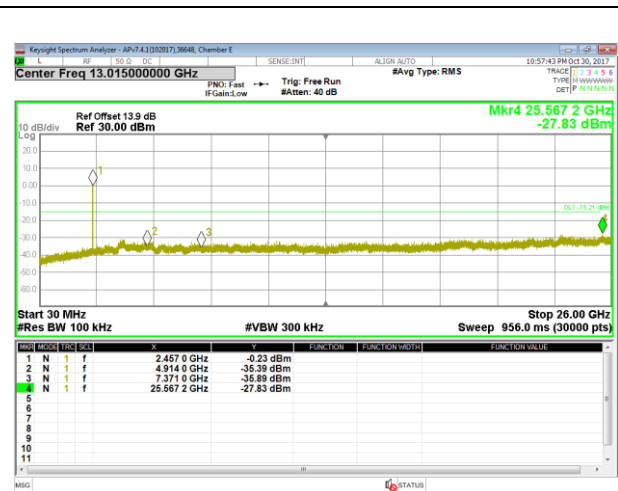




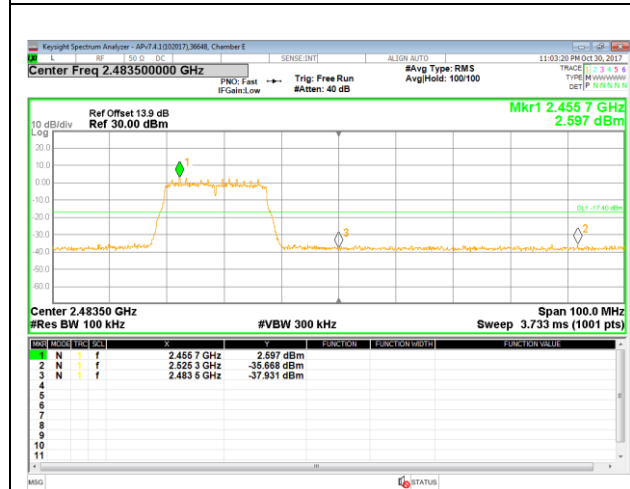




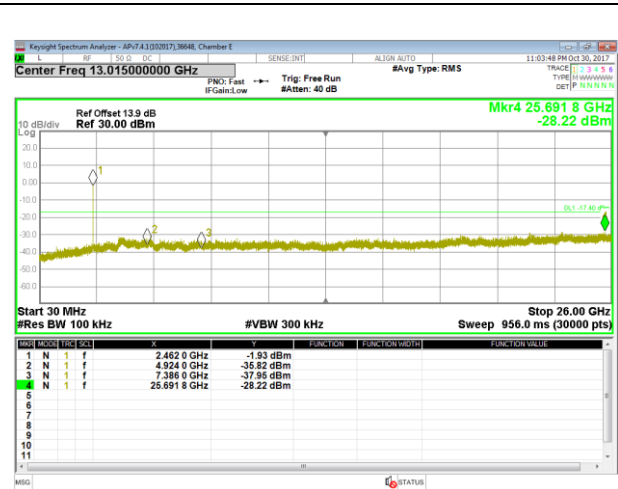
HIGH CHANNEL 10 BANDEDGE



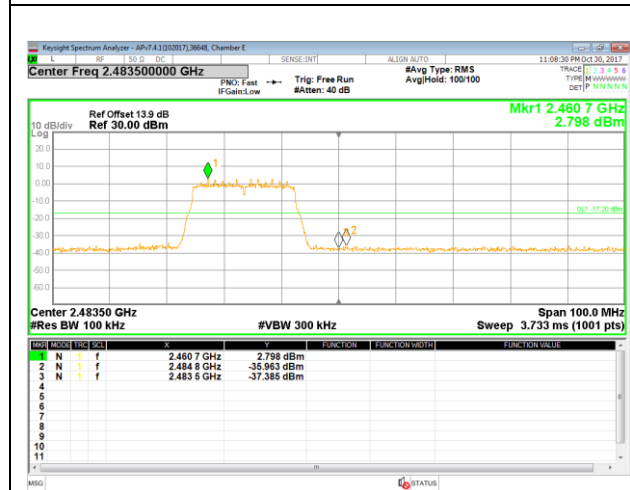
OUT-OF-BAND HIGH CHANNEL 10



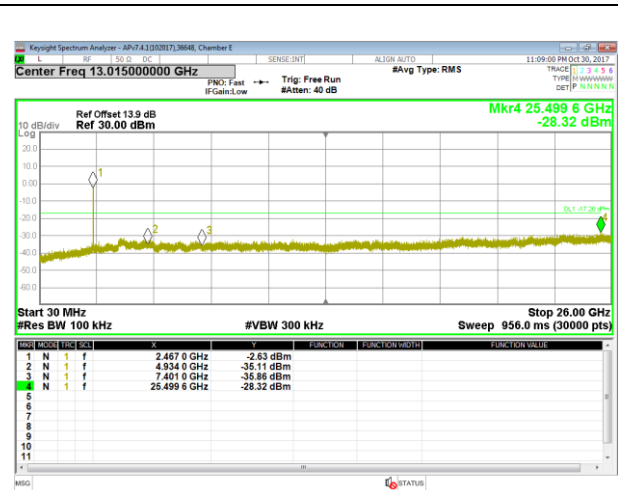
HIGH CHANNEL 11 BANDEDGE



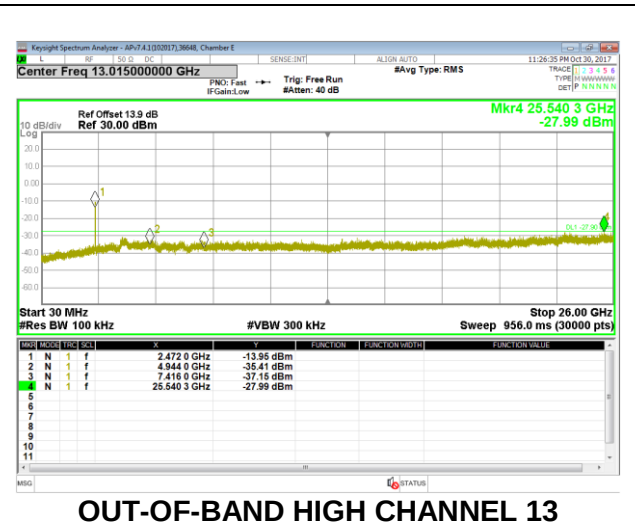
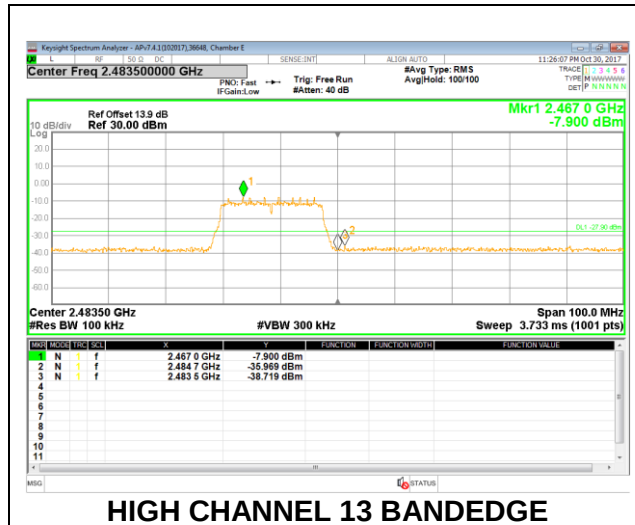
OUT-OF-BAND HIGH CHANNEL 11



HIGH CHANNEL 12 BANDEDGE



OUT-OF-BAND HIGH CHANNEL 12



5. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
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 below 1GHz and 150cm for above 1GHz. The antenna to EUT distance is 3 meters.

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.

Reference to KDB 789033 UNII part G) 6) d) Method AD:

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and add duty cycle factor to the reading offset for average measurements.

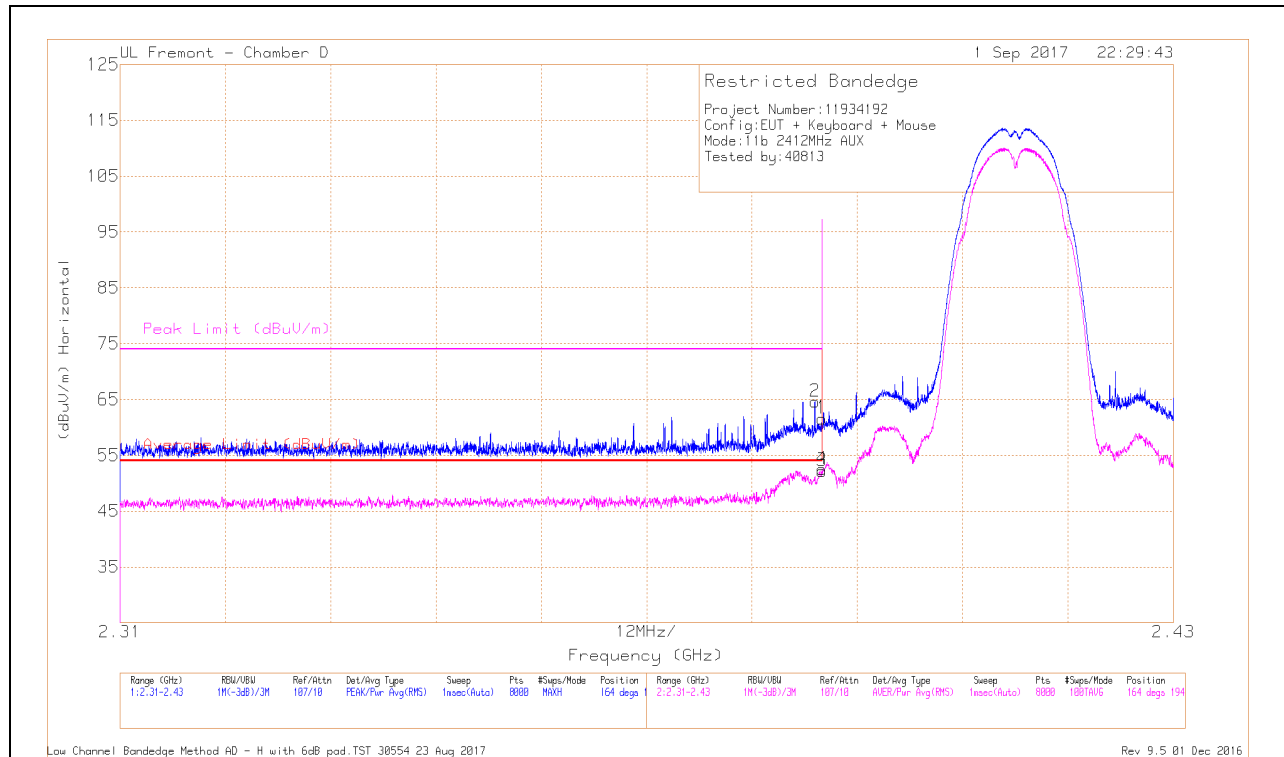
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized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

5.1. TRANSMITTER ABOVE 1 GHz

5.1.1. BANDEDGE, 1TX Antenna WF4, 802.11b Mode

LOW CHANNEL, CH 1

HORIZONTAL RESULT



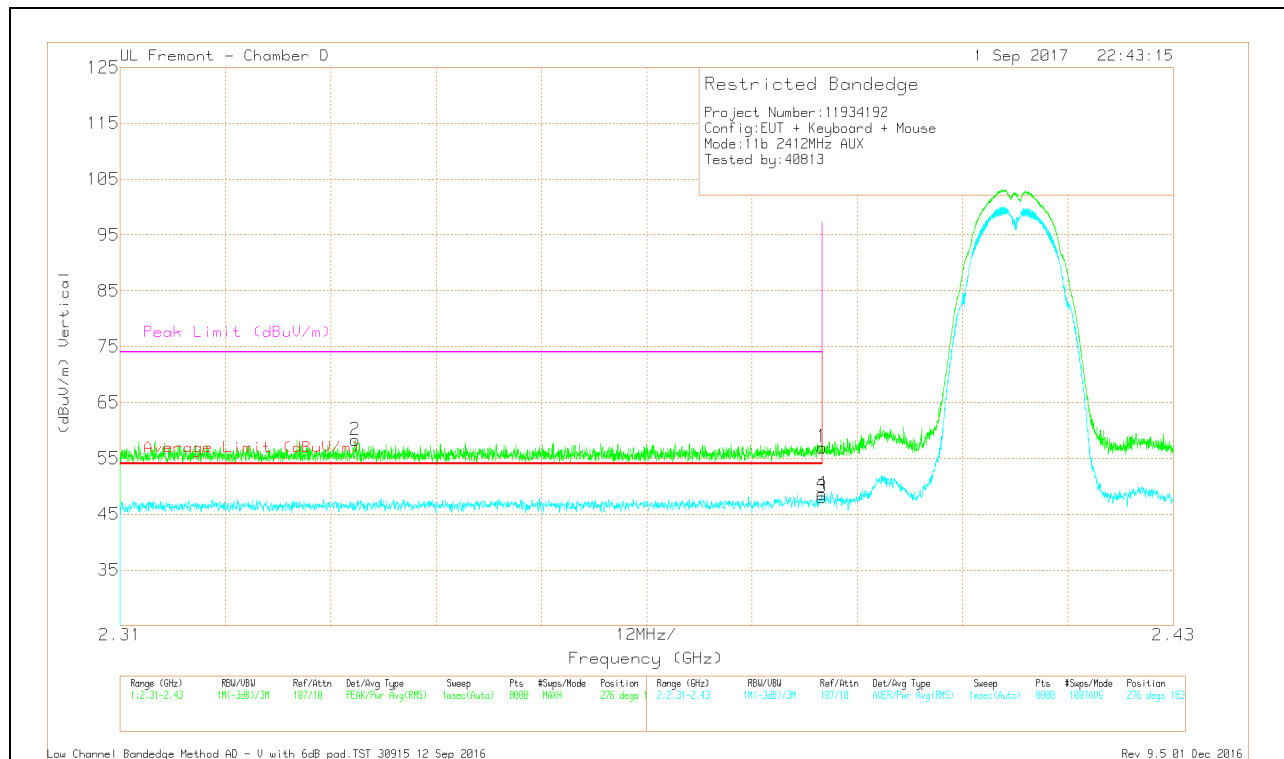
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pd (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.21	Pk	32.1	-20.7	6	0	61.61	-	-	74	-12.39	164	194	H
2	* 2.389	47.33	Pk	32.1	-20.8	6	0	64.63	-	-	74	-9.37	164	194	H
3	* 2.39	34.78	RMS	32.1	-20.7	6	0	52.18	54	-1.82	-	-	164	194	H
4	* 2.39	35.12	RMS	32.1	-20.7	6	0	52.52	54	-1.48	-	-	164	194	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 T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.57	Pk	32.1	-20.7	6	56.97	-	-	74	-17.03	276	183	V
2	* 2.337	41.14	Pk	32	-20.9	6	58.24	-	-	74	-15.76	276	183	V
3	* 2.39	30.58	RMS	32.1	-20.7	6	47.98	54	-6.02	-	-	276	183	V
4	* 2.39	31.22	RMS	32.1	-20.7	6	48.62	54	-5.38	-	-	276	183	V

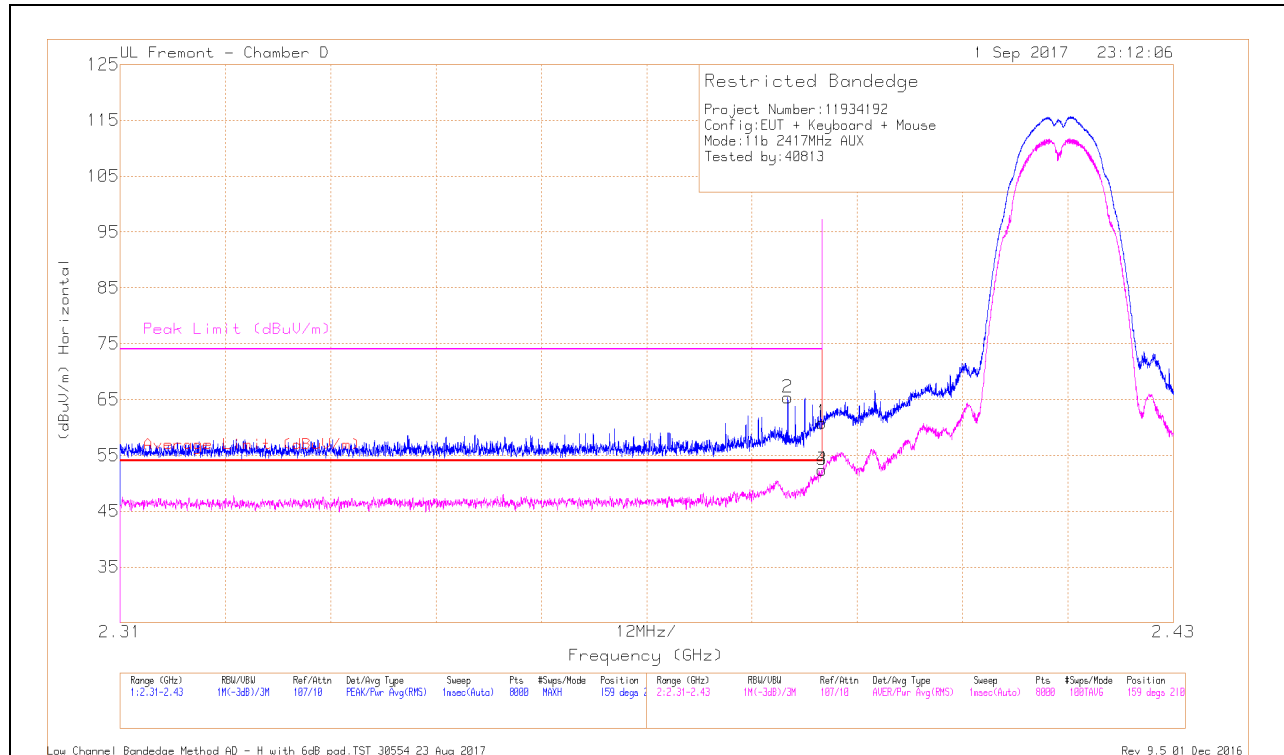
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



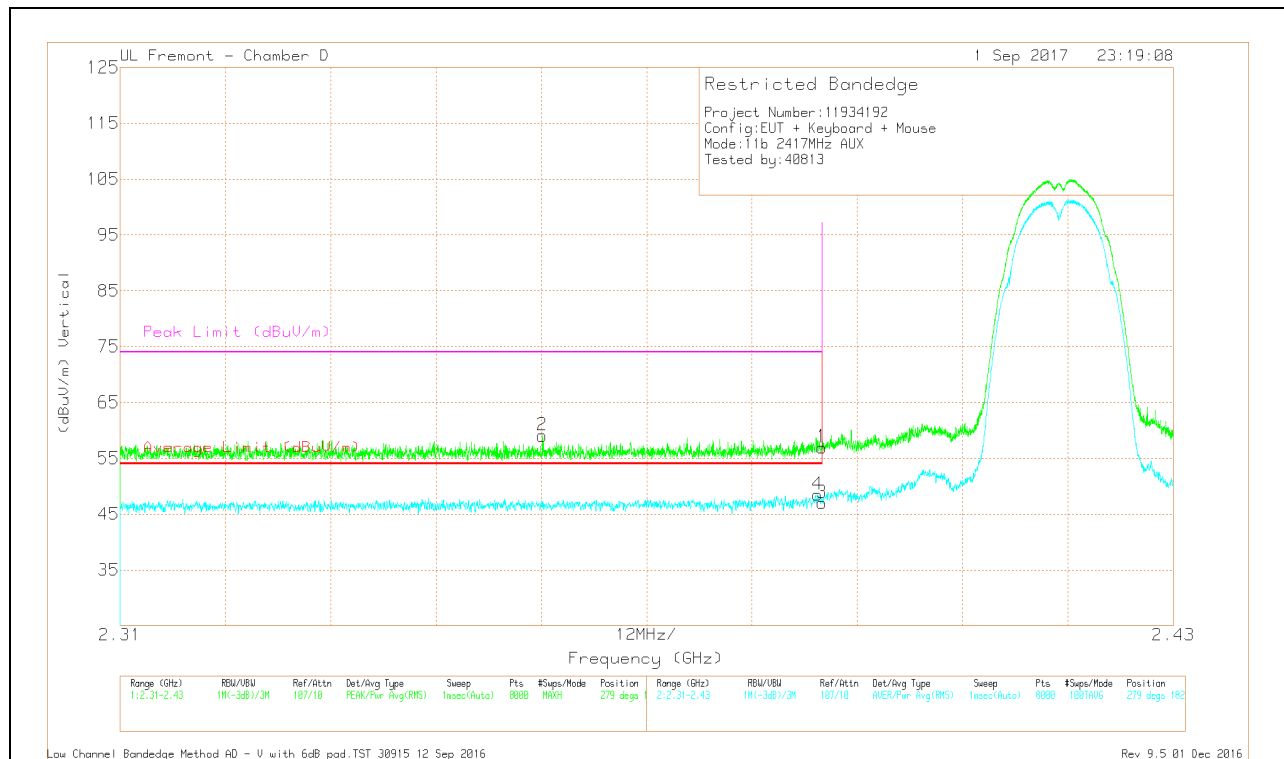
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	6dB ext Attn	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.49	Pk	32.1	-20.7	6	60.89	-	-	74	-13.11	159	210	H
2	* 2.386	48.06	Pk	32.1	-20.8	6	65.36	-	-	74	-8.64	159	210	H
3	* 2.39	34.99	RMS	32.1	-20.7	6	52.39	54	-1.61	-	-	159	210	H
4	* 2.39	35.03	RMS	32.1	-20.7	6	52.43	54	-1.57	-	-	159	210	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 T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.55	Pk	32.1	-20.7	6	56.95	-	-	74	-17.05	279	182	V
2	* 2.358	41.88	Pk	32	-20.8	6	59.08	-	-	74	-14.92	279	182	V
3	* 2.39	29.62	RMS	32.1	-20.7	6	47.02	54	-6.98	-	-	279	182	V
4	* 2.389	31.19	RMS	32.1	-20.8	6	48.49	54	-5.51	-	-	279	182	V

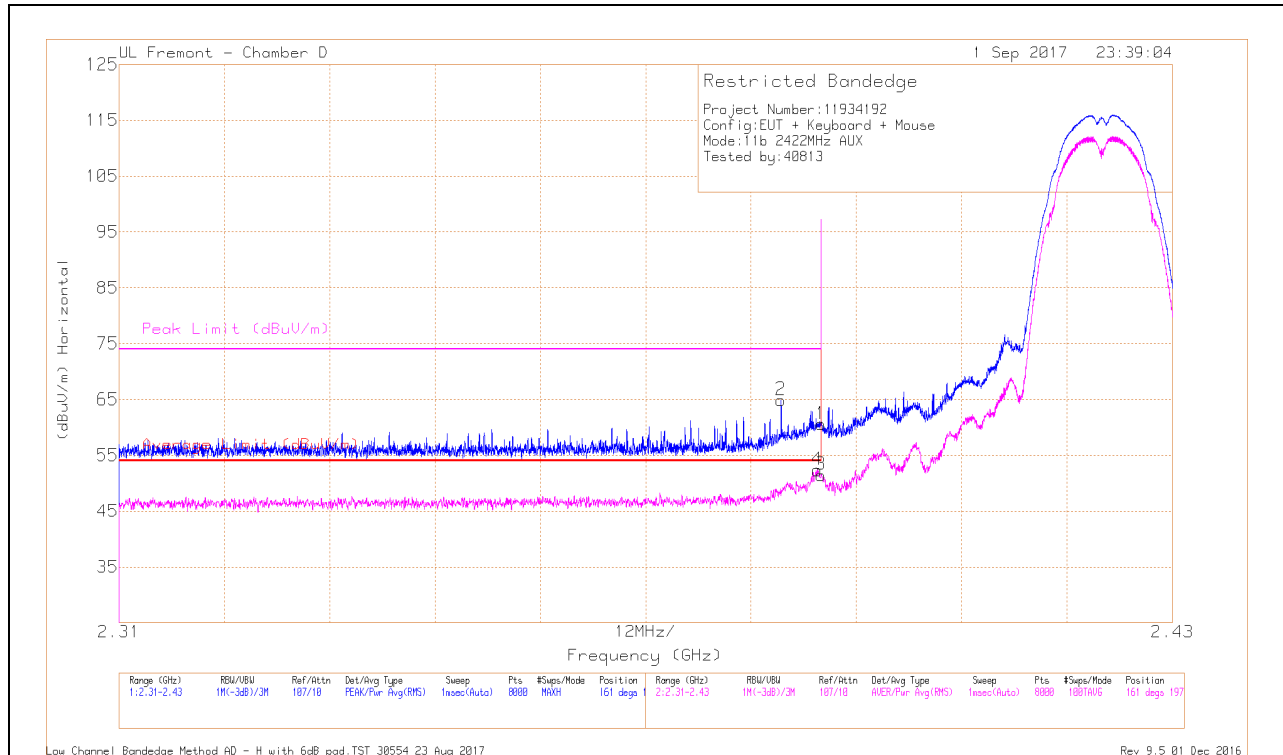
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



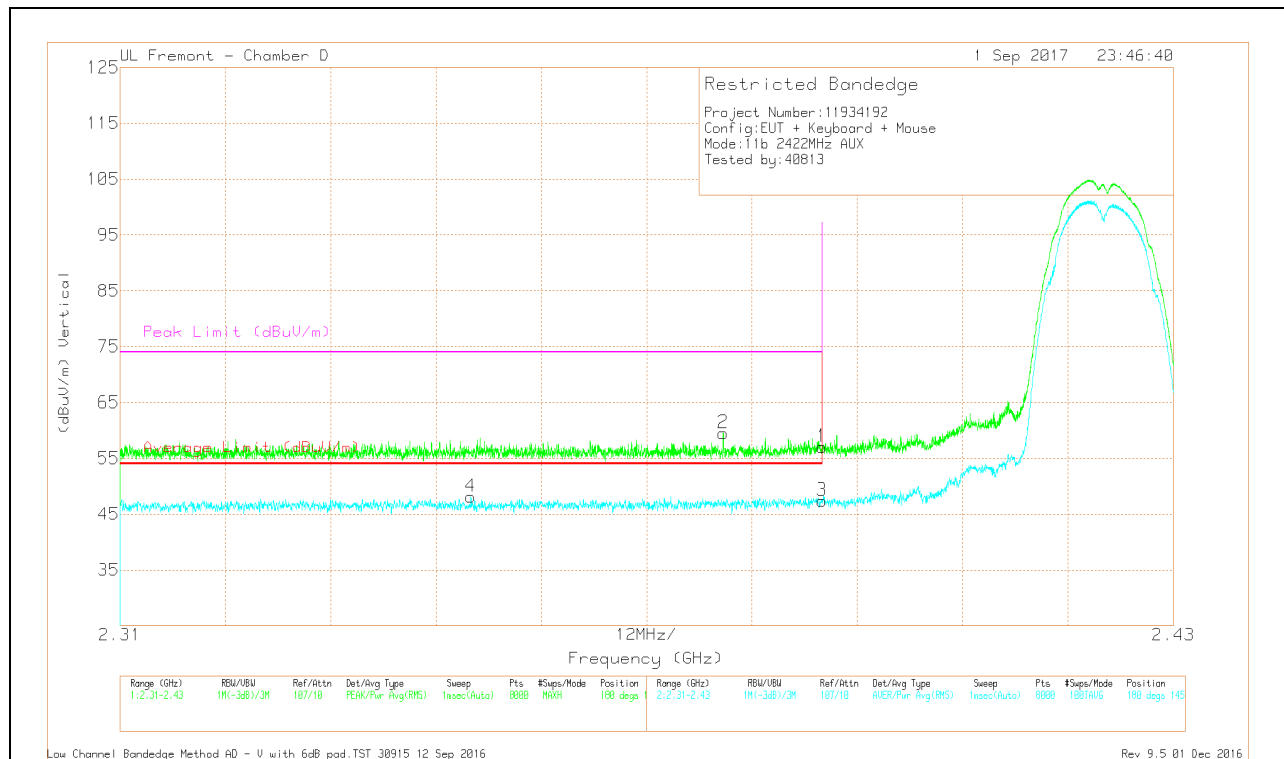
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.17	Pk	32.1	-20.7	6	60.57	-	-	74	-13.43	161	197	H
2	* 2.385	47.59	Pk	32.1	-20.8	6	64.89	-	-	74	-9.11	161	197	H
3	* 2.39	34.08	RMS	32.1	-20.7	6	51.48	54	-2.52	-	-	161	197	H
4	* 2.39	35.06	RMS	32.1	-20.8	6	52.36	54	-1.64	-	-	161	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 T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.66	Pk	32.1	-20.7	6	57.06	-	-	74	-16.94	180	145	V
2	* 2.379	42.24	Pk	32.1	-20.8	6	59.54	-	-	74	-14.46	180	145	V
3	* 2.39	30.01	RMS	32.1	-20.7	6	47.41	54	-6.59	-	-	180	145	V
4	* 2.35	30.94	RMS	32	-20.8	6	48.14	54	-5.86	-	-	180	145	V

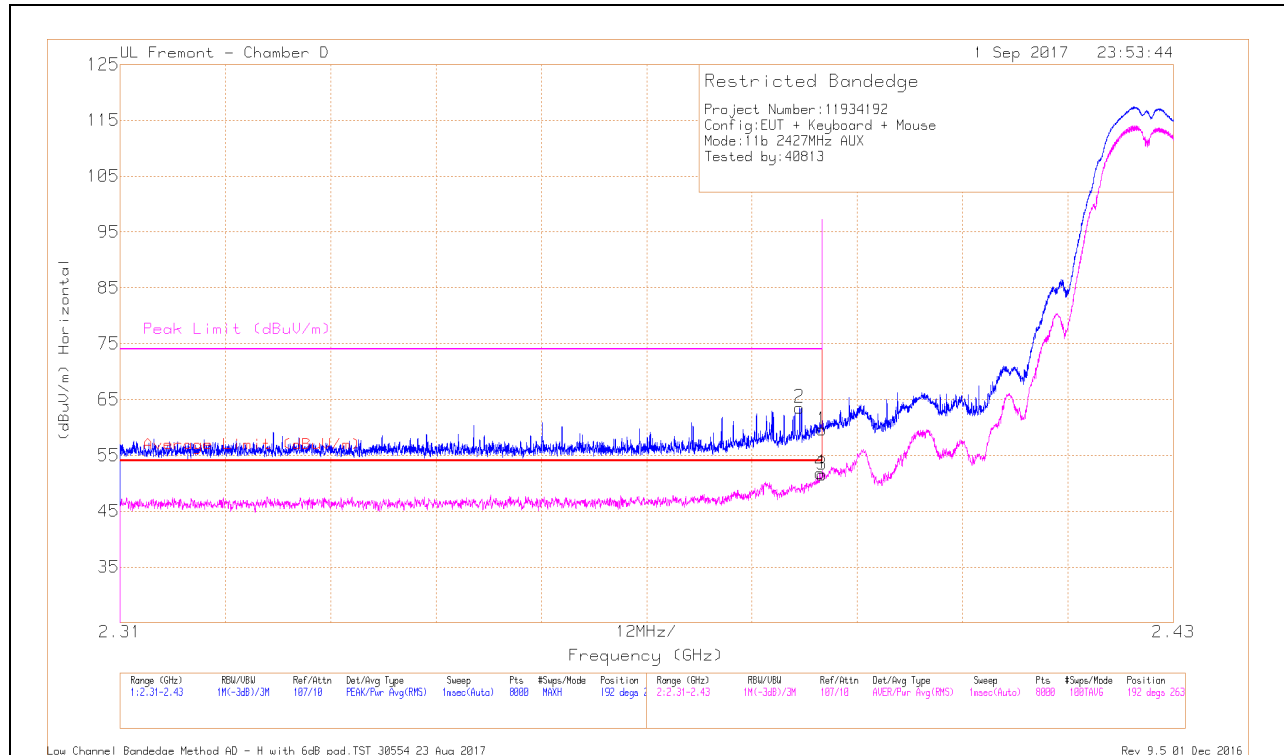
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



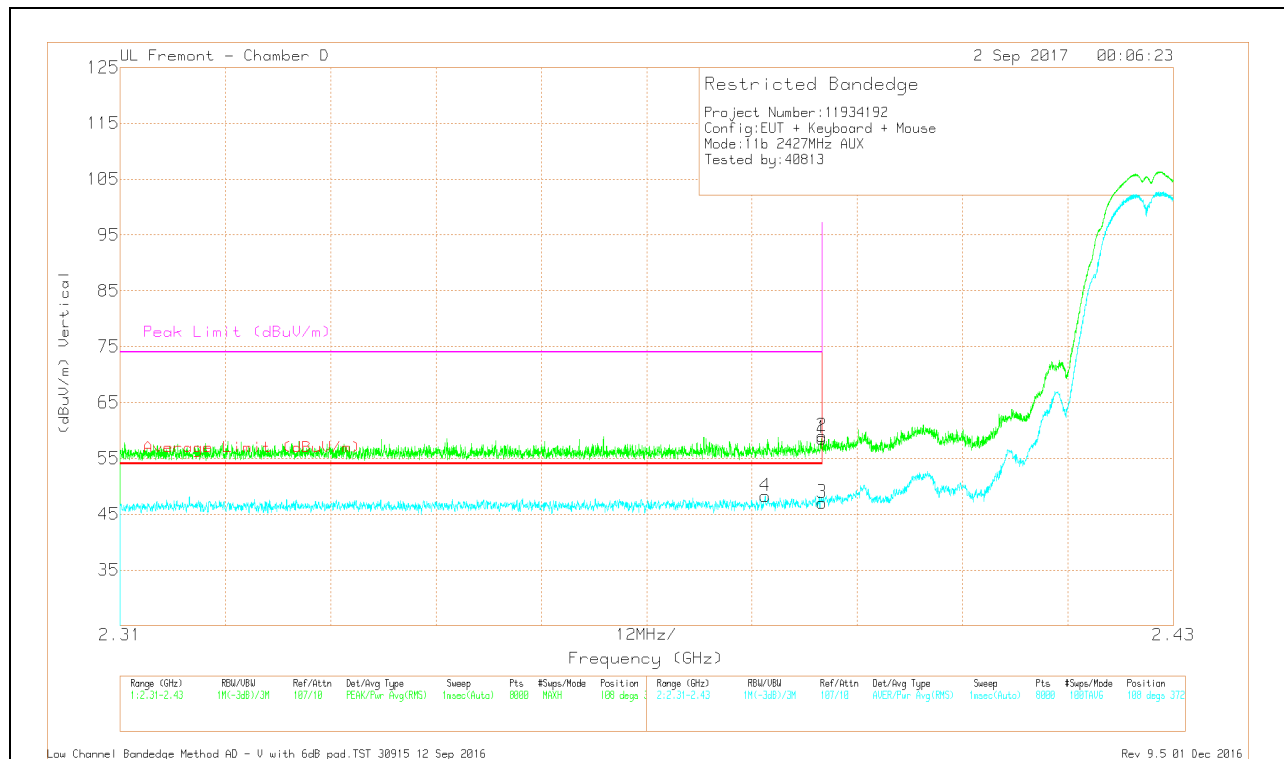
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.21	Pk	32.1	-20.7	6	0	59.61	-	-	74	-14.39	192	263	H
2	* 2.387	46.25	Pk	32.1	-20.8	6	0	63.55	-	-	74	-10.45	192	263	H
3	* 2.39	34.13	RMS	32.1	-20.7	6	0	51.53	54	-2.47	-	-	192	263	H
4	* 2.39	34.54	RMS	32.1	-20.8	6	0	51.84	54	-2.16	-	-	192	263	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 T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.19	Pk	32.1	-20.7	6	58.59	-	-	74	-15.41	108	372	V
2	* 2.39	41.61	Pk	32.1	-20.7	6	59.01	-	-	74	-14.99	108	372	V
3	* 2.39	29.65	RMS	32.1	-20.7	6	47.05	54	-6.95	-	-	108	372	V
4	* 2.384	30.96	RMS	32.1	-20.8	6	48.26	54	-5.74	-	-	108	372	V

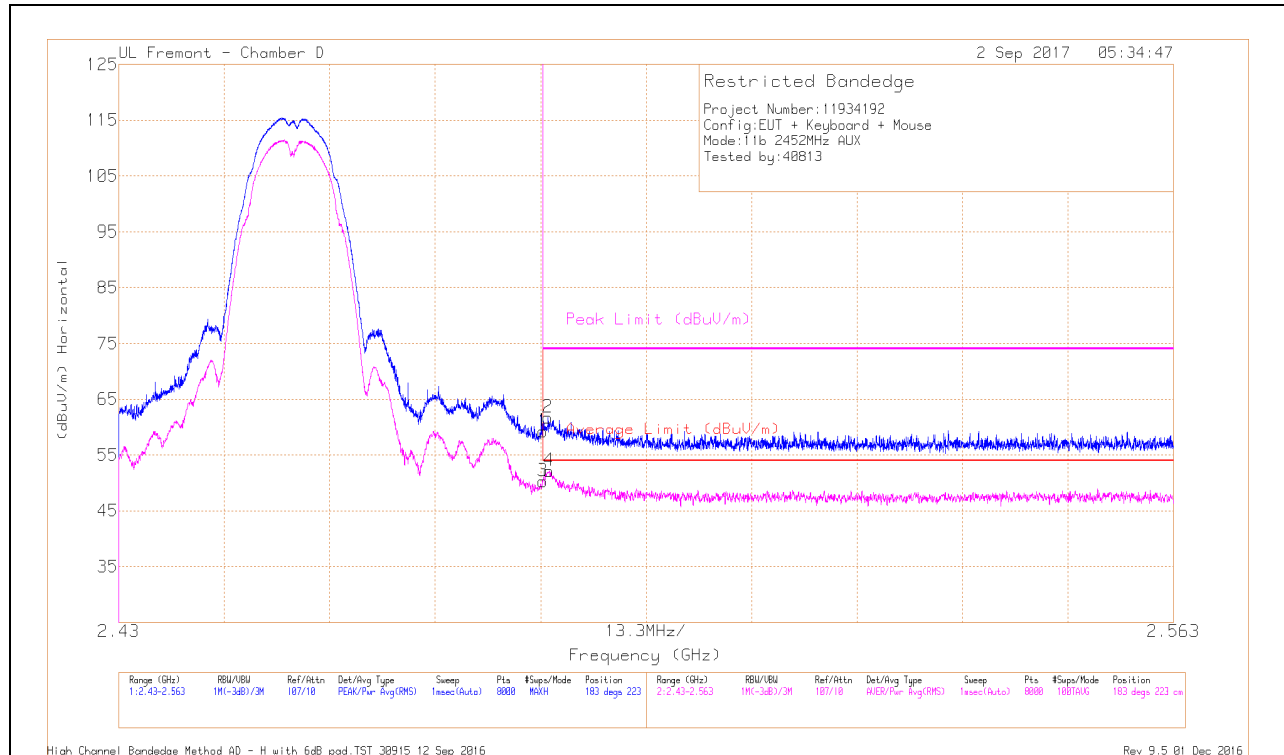
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



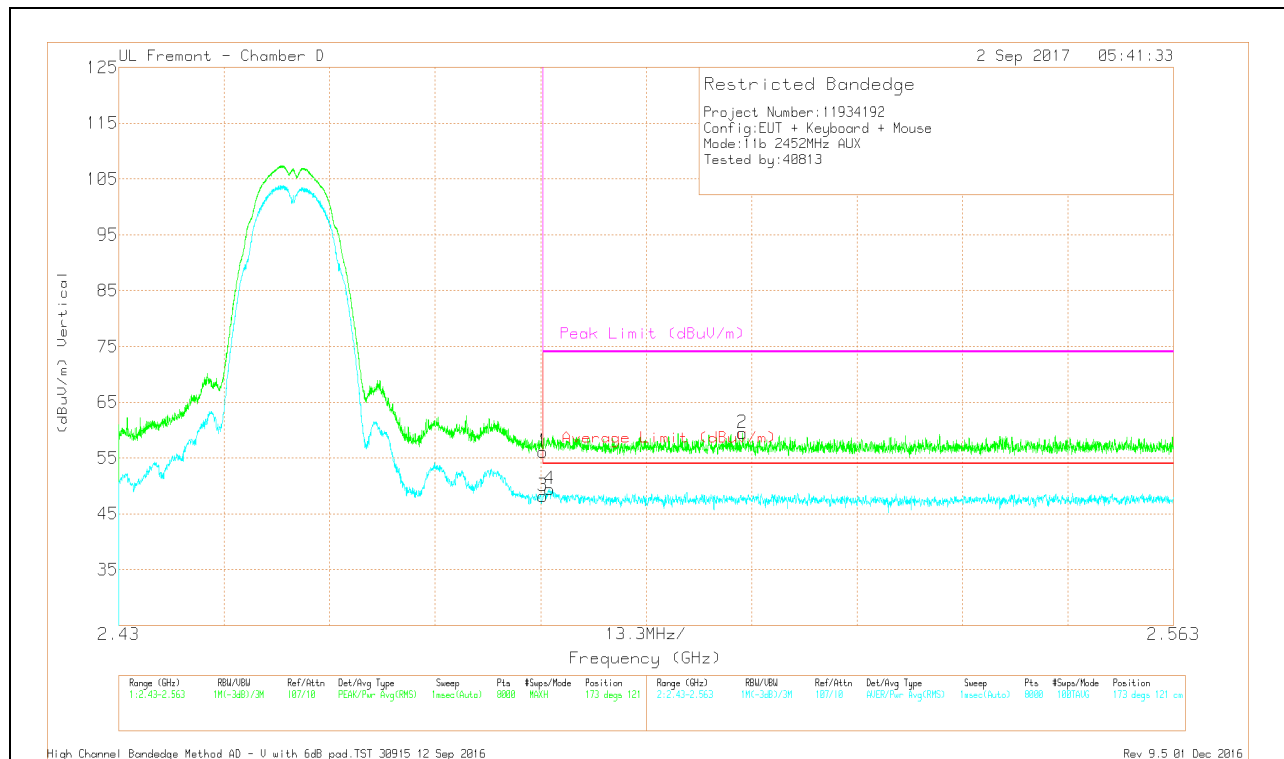
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.55	Pk	32.5	-20.8	6	59.25	-	-	74	-14.75	183	223	H
2	* 2.484	44.07	Pk	32.5	-20.8	6	61.77	-	-	74	-12.23	183	223	H
3	* 2.484	32.55	RMS	32.5	-20.8	6	50.25	54	-3.75	-	-	183	223	H
4	* 2.484	34.41	RMS	32.6	-20.8	6	52.21	54	-1.79	-	-	183	223	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 T711 (dB/m)	Amp/Cbl/Filter/Pad (dB)	6dB ext Attn	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	38.46	Pk	32.5	-20.8	6	56.16	-	-	74	-17.84	173	121	V
3	* 2.484	30.47	RMS	32.5	-20.8	6	48.17	54	-5.83	-	-	173	121	V
4	* 2.484	31.59	RMS	32.6	-20.8	6	49.39	54	-4.61	-	-	173	121	V
2	2.509	41.49	Pk	32.6	-20.6	6	59.49	-	-	74	-14.51	173	121	V

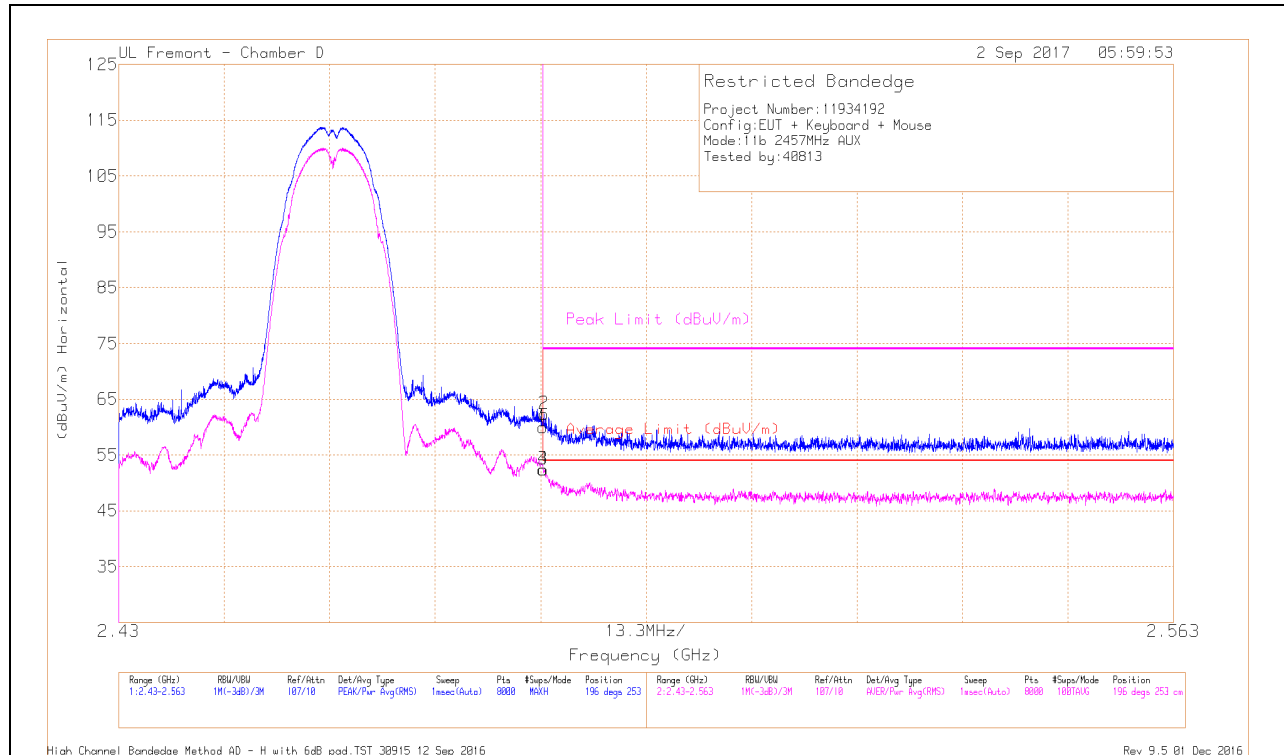
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



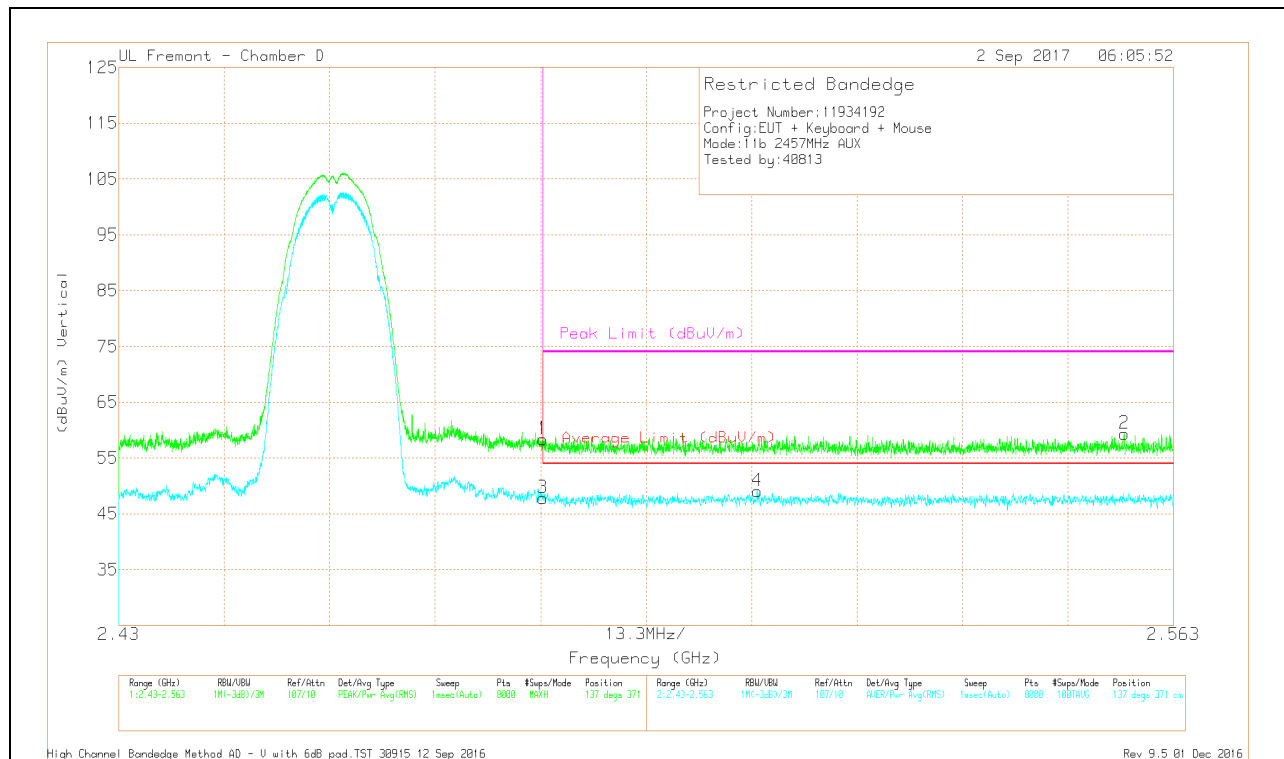
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.3	Pk	32.5	-20.8	6	60	-	-	74	-14	196	253	H
2	* 2.484	44.59	Pk	32.5	-20.8	6	62.29	-	-	74	-11.71	196	253	H
3	* 2.484	34.67	RMS	32.5	-20.8	6	52.37	54	-1.63	-	-	196	253	H
4	* 2.484	34.74	RMS	32.5	-20.8	6	52.44	54	-1.56	-	-	196	253	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 T711 (dB/m)	Amp/Cbl/Filter/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.63	Pk	32.5	-20.8	6	58.33	-	-	74	-15.67	137	371	V
3	* 2.484	30.09	RMS	32.5	-20.8	6	47.79	54	-6.21	-	-	137	371	V
4	2.511	31.01	RMS	32.6	-20.6	6	49.01	54	-4.99	-	-	137	371	V
2	2.557	41.38	Pk	32.6	-20.6	6	59.38	-	-	74	-14.62	137	371	V

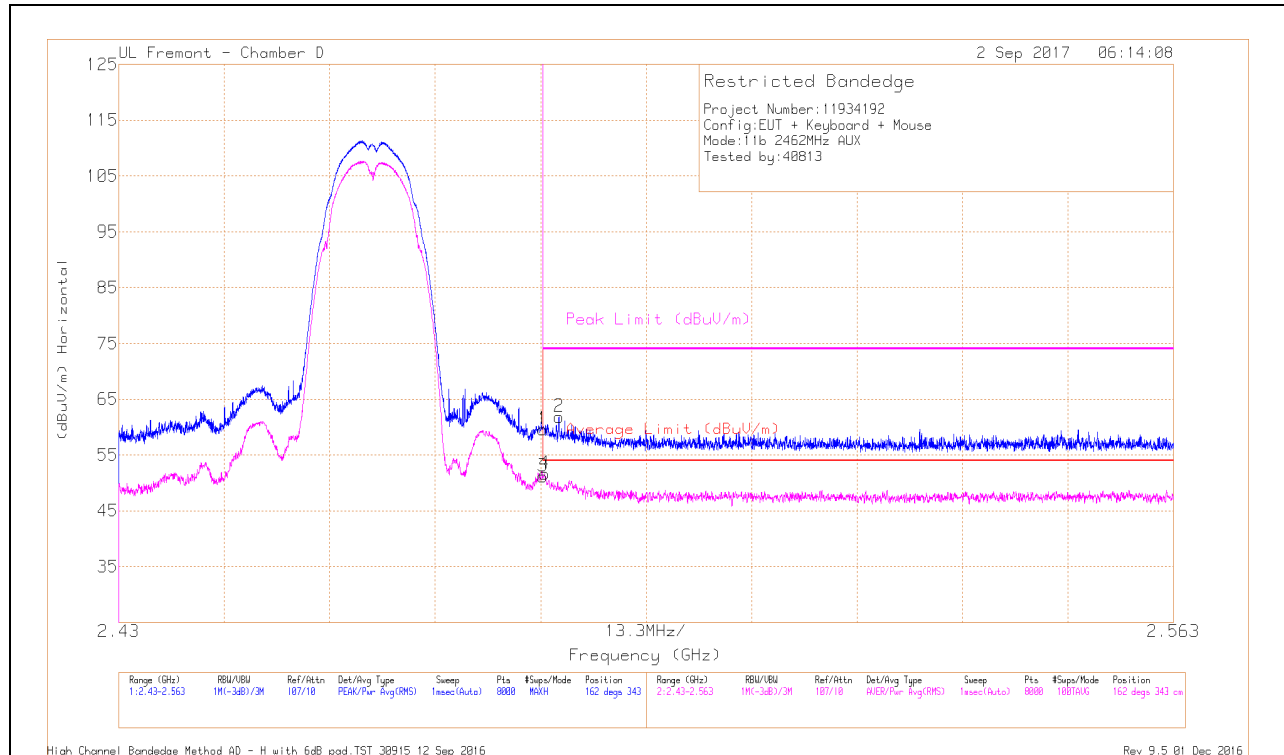
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



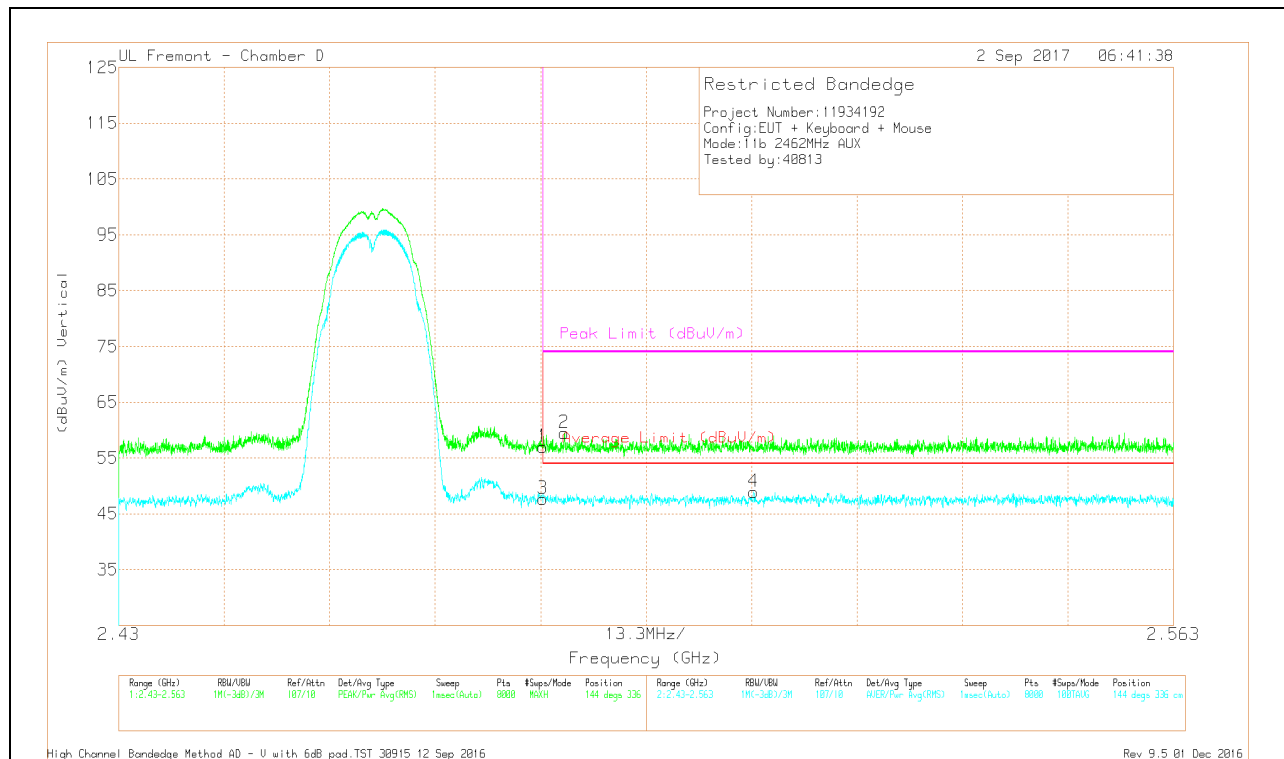
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.93	Pk	32.5	-20.8	6	59.63	-	-	74	-14.37	162	343	H
2	* 2.486	43.99	Pk	32.6	-20.8	6	61.79	-	-	74	-12.21	162	343	H
3	* 2.484	33.45	RMS	32.5	-20.8	6	51.15	54	-2.85	-	-	162	343	H
4	* 2.484	33.98	RMS	32.5	-20.8	6	51.68	54	-2.32	-	-	162	343	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 T711 (dB/m)	Amp/Cbl/Filter/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.25	Pk	32.5	-20.8	6	56.95	-	-	74	-17.05	144	336	V
2	* 2.486	41.7	Pk	32.6	-20.8	6	59.5	-	-	74	-14.5	144	336	V
3	* 2.484	30.02	RMS	32.5	-20.8	6	47.72	54	-6.28	-	-	144	336	V
4	2.51	30.94	RMS	32.6	-20.6	6	48.94	54	-5.06	-	-	144	336	V

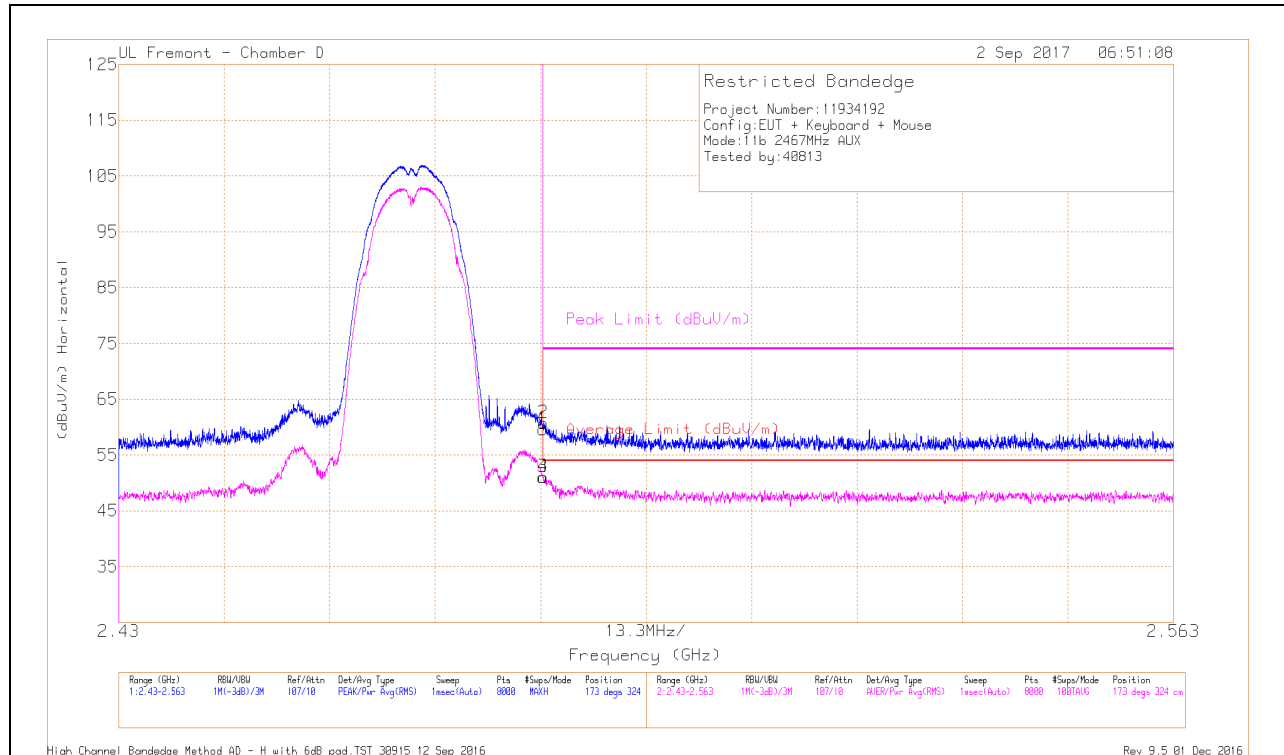
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



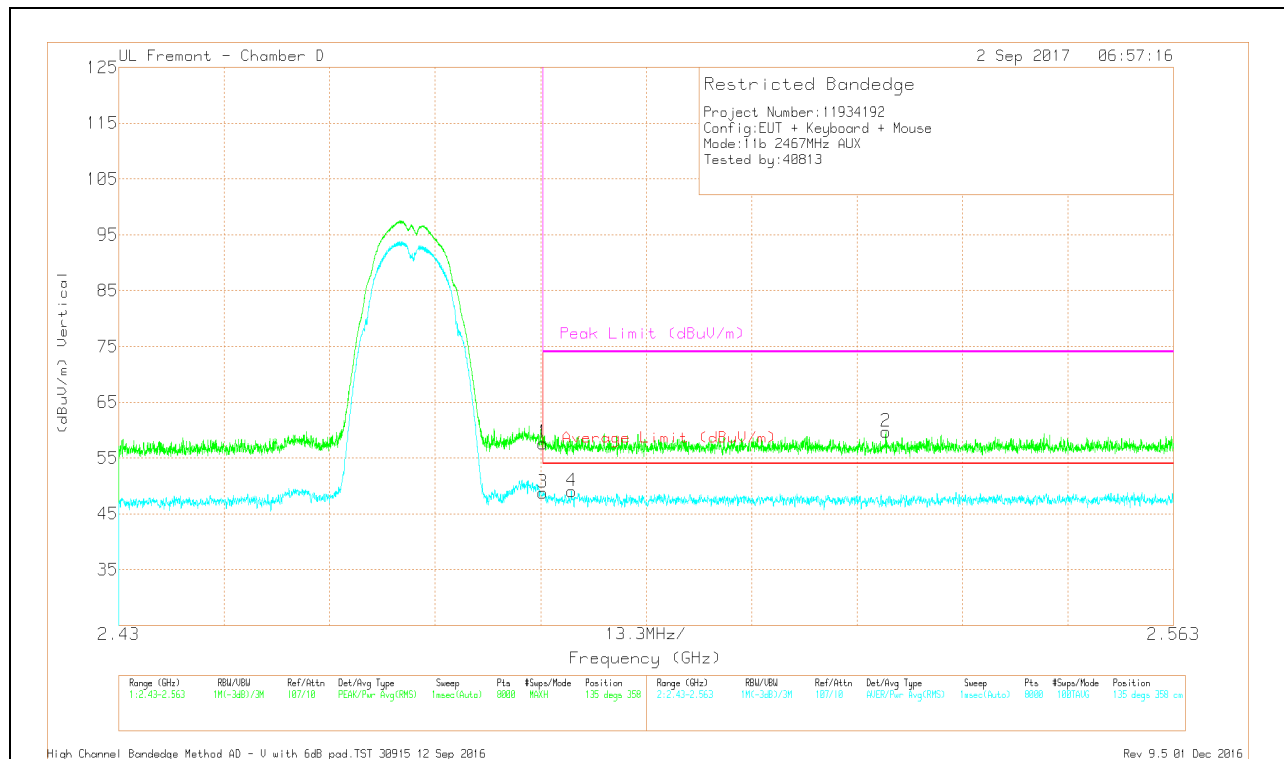
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.96	Pk	32.5	-20.8	6	59.66	-	-	74	-14.34	173	324	H
2	* 2.484	43	Pk	32.5	-20.8	6	60.7	-	-	74	-13.3	173	324	H
3	* 2.484	33.3	RMS	32.5	-20.8	6	51	54	-3	-	-	173	324	H
4	* 2.484	33.3	RMS	32.5	-20.8	6	51	54	-3	-	-	173	324	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 T711 (dB/m)	Amp/Cbl/Filter/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.98	Pk	32.5	-20.8	6	57.68	-	-	74	-16.32	135	358	V
3	* 2.484	31.05	RMS	32.5	-20.8	6	48.75	54	-5.25	-	-	135	358	V
4	* 2.487	31.25	RMS	32.6	-20.8	6	49.05	54	-4.95	-	-	135	358	V
2	2.527	41.82	Pk	32.6	-20.7	6	59.72	-	-	74	-14.28	135	358	V

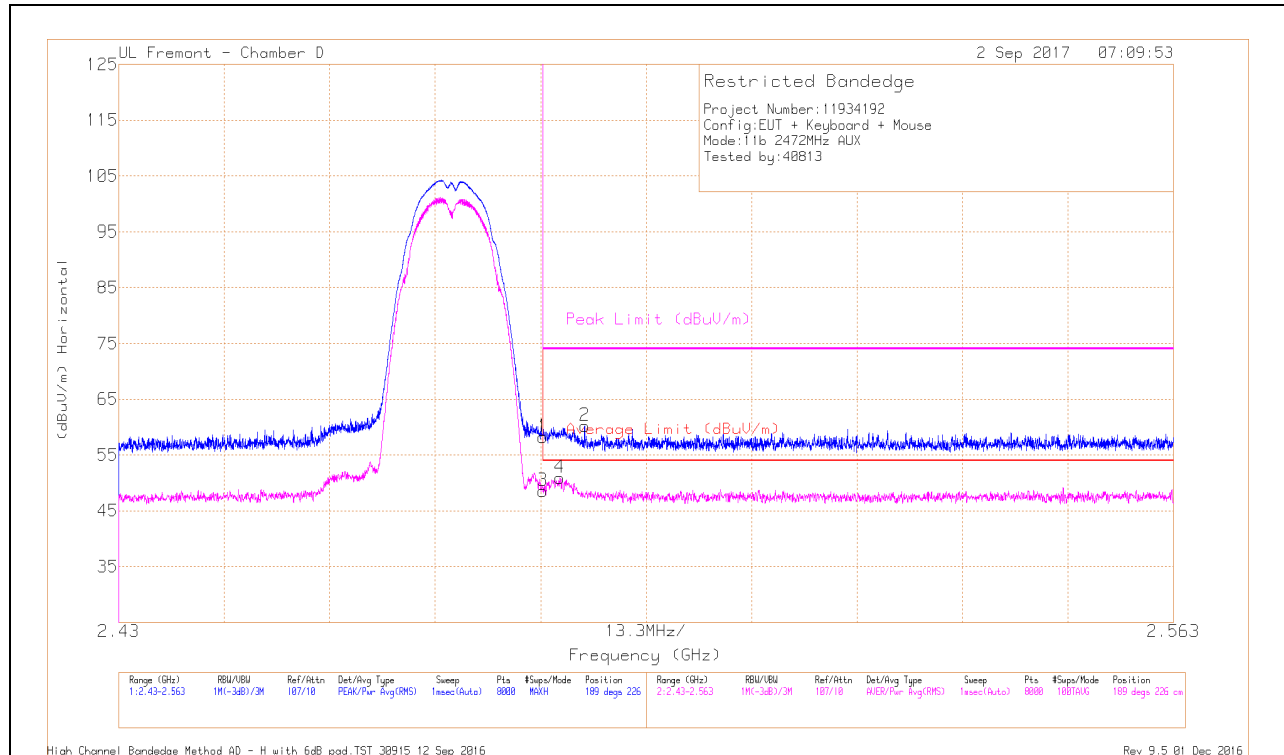
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



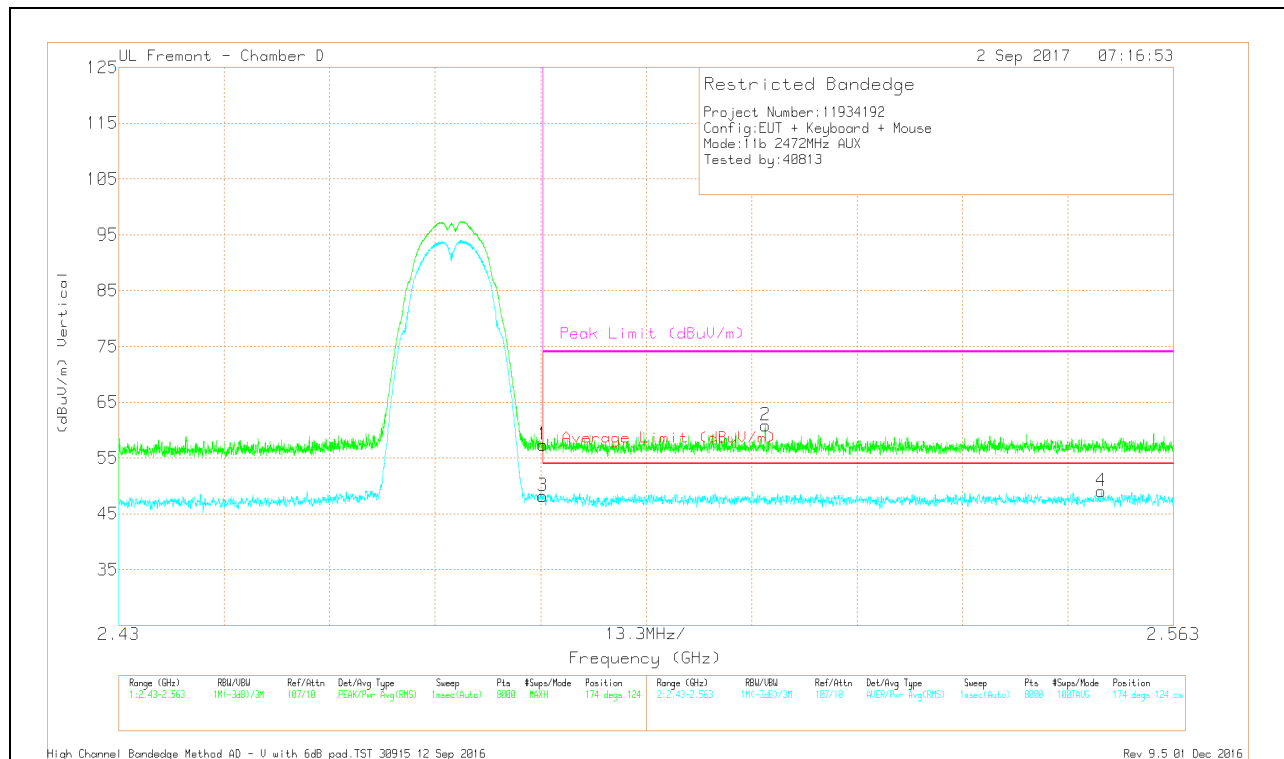
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.56	Pk	32.5	-20.8	6	58.26	-	-	74	-15.74	189	226	H
2	* 2.489	42.39	Pk	32.6	-20.8	6	60.19	-	-	74	-13.81	189	226	H
3	* 2.484	30.84	RMS	32.5	-20.8	6	48.54	54	-5.46	-	-	189	226	H
4	* 2.486	33.15	RMS	32.6	-20.8	6	50.95	54	-3.05	-	-	189	226	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 T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	6dB ext Attn	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.71	Pk	32.5	-20.8	6	57.41	-	-	74	-16.59	174	124	V
3	* 2.484	30.52	RMS	32.5	-20.8	6	48.22	54	-5.78	-	-	174	124	V
2	2.512	42.81	Pk	32.6	-20.6	6	60.81	-	-	74	-13.19	174	124	V
4	2.554	31.1	RMS	32.6	-20.6	6	49.1	54	-4.9	-	-	174	124	V

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

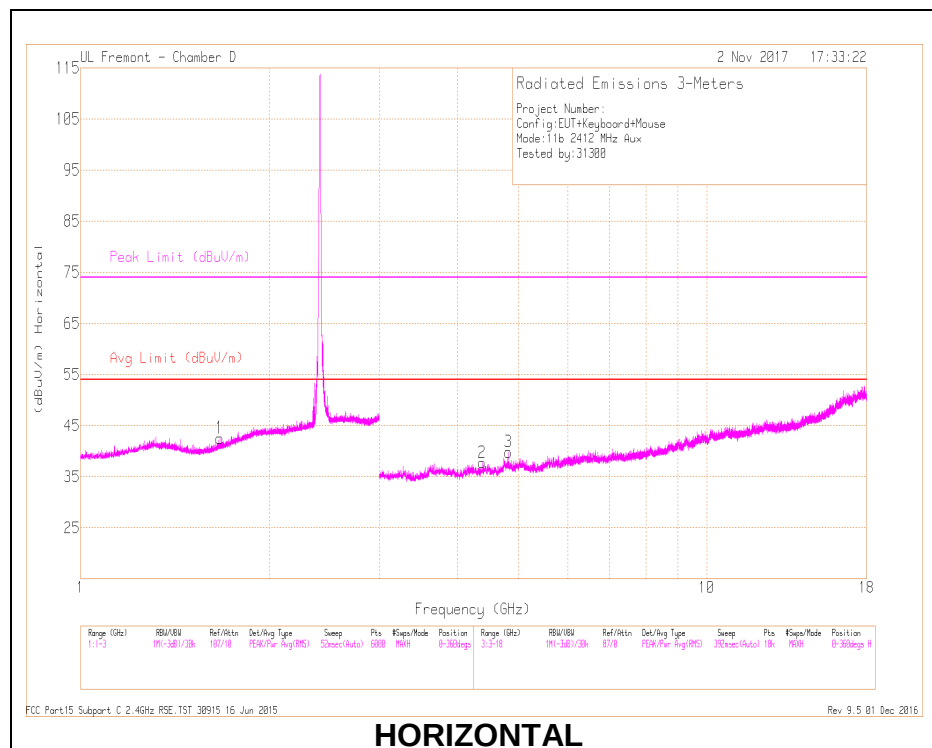
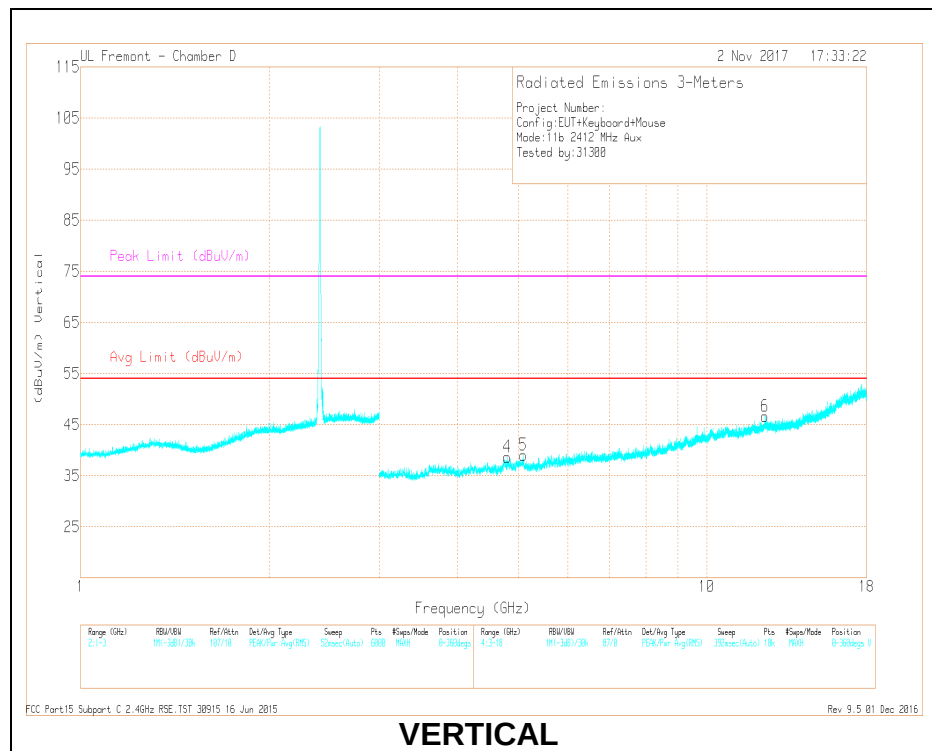
Pk - Peak detector

RMS - RMS detection

5.2. HARMONICS AND SPURIOUS EMISSIONS

5.2.1. b Mode, 1Tx

LOW CHANNEL, CH 1 RESULTS



Radiated Emissions

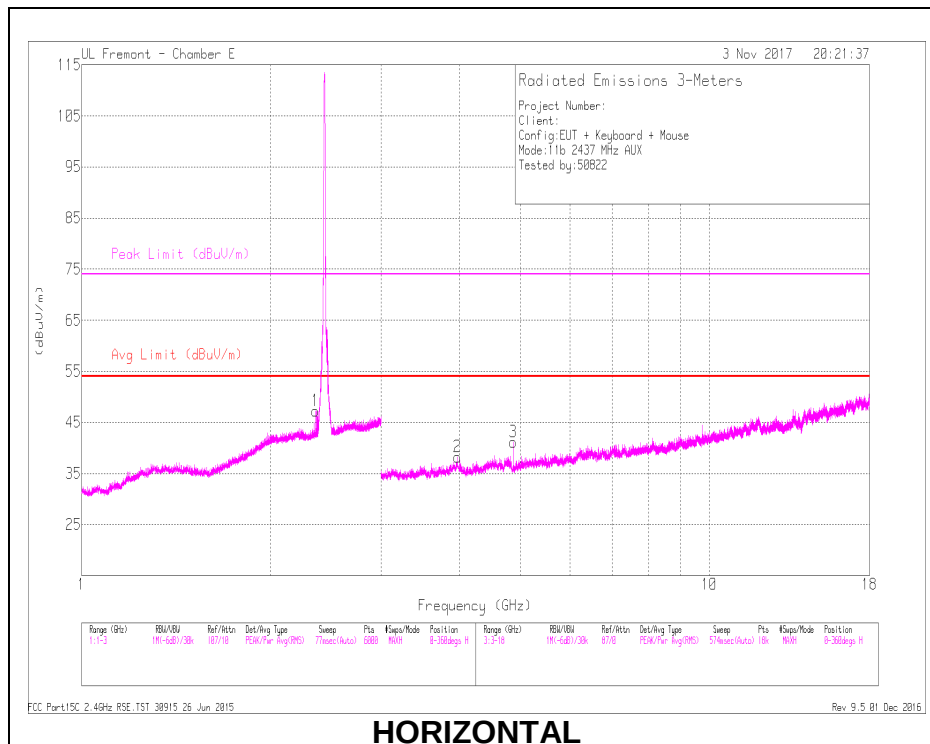
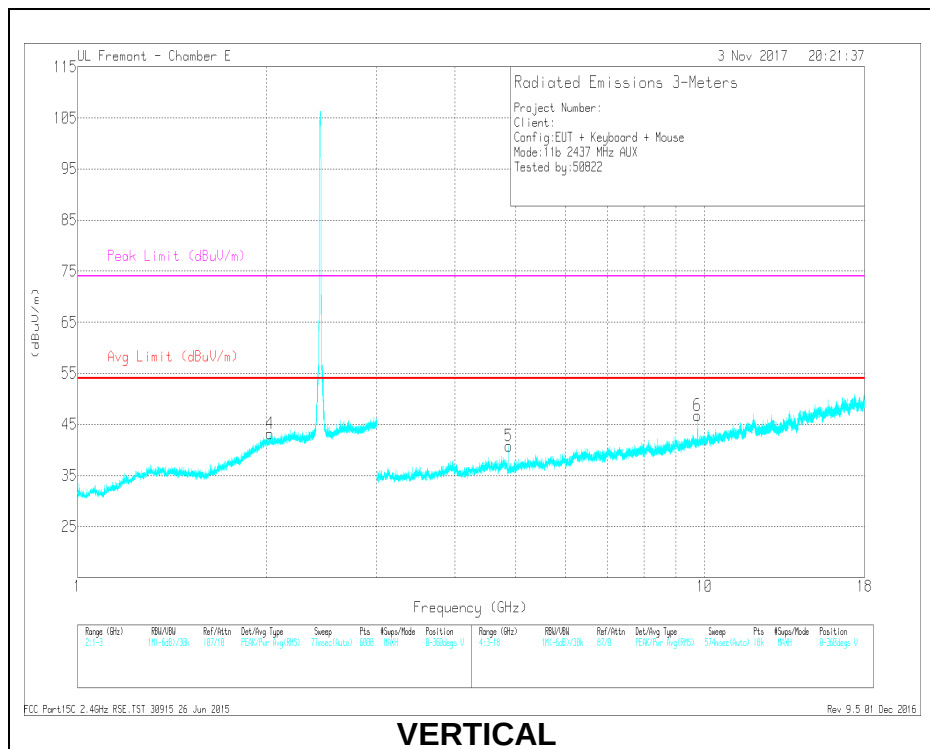
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.67	42.06	PK2	28.9	-21.7	49.26	-	-	74	-24.74	27	234	H
	* 1.668	29.82	MAv1	28.9	-21.7	37.02	54	-16.98	-	-	27	234	H
2	* 4.383	38.84	PK2	33.6	-28.3	44.14	-	-	74	-29.86	268	352	H
	* 4.382	26.55	MAv1	33.6	-28.3	31.85	54	-22.15	-	-	268	352	H
3	* 4.824	39.81	PK2	34	-27.4	46.41	-	-	74	-27.59	235	280	H
	* 4.824	30.4	MAv1	34	-27.4	37	54	-17	-	-	235	280	H
4	* 4.804	37.72	PK2	34	-26.8	44.92	-	-	74	-29.08	253	207	V
	* 4.804	26.22	MAv1	34	-26.8	33.42	54	-20.58	-	-	253	207	V
5	* 5.095	38.35	PK2	34.1	-26.8	45.65	-	-	74	-28.35	6	382	V
	* 5.096	26.47	MAv1	34.1	-26.9	33.67	54	-20.33	-	-	6	382	V
6	* 12.384	34.27	PK2	38.9	-20.4	52.77	-	-	74	-21.23	198	110	V
	* 12.383	22.51	MAv1	38.9	-20.4	41.01	54	-12.99	-	-	198	110	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

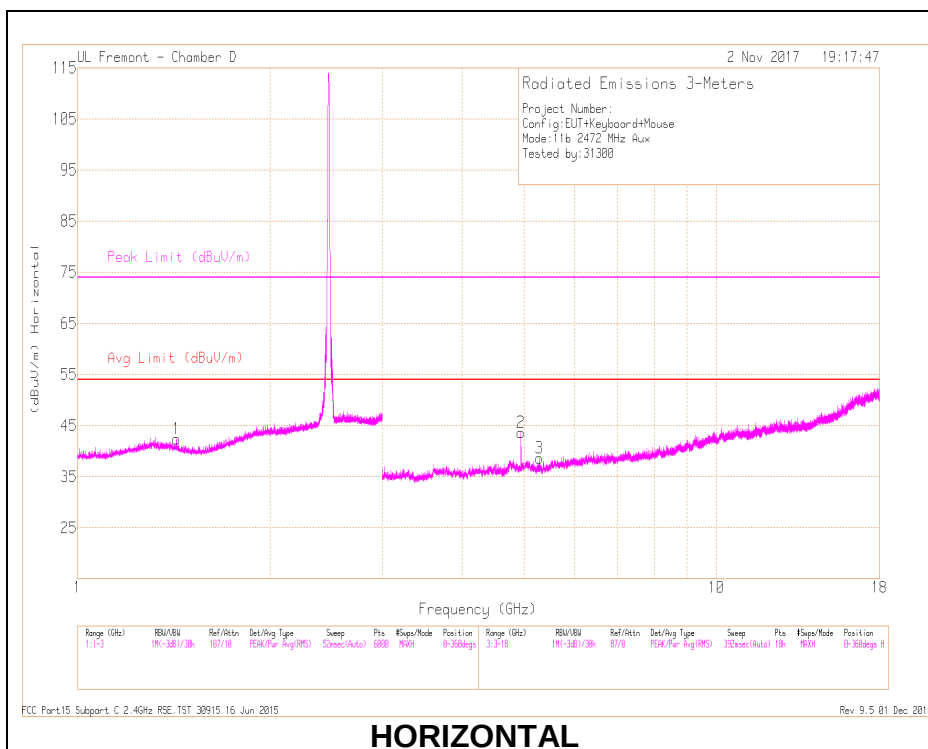
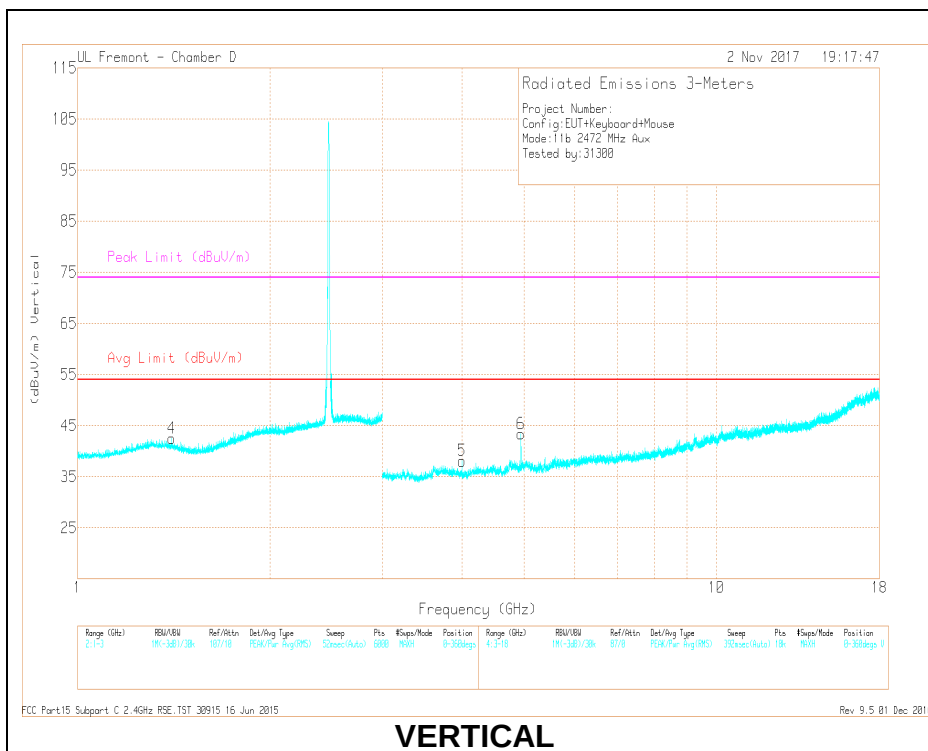
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.36	44.16	PK2	31.9	-19.5	56.56	-	-	74	-17.44	131	191	H
	* 2.358	24.81	MAv1	31.9	-19.5	37.21	54	-16.79	-	-	131	191	H
2	* 3.972	38.38	PK2	33.7	-28.1	43.98	-	-	74	-30.02	34	101	H
	* 3.974	26.9	MAv1	33.7	-28.2	32.4	54	-21.6	-	-	34	101	H
3	* 4.874	43.01	PK2	34.5	-29.4	48.11	-	-	74	-25.89	179	326	H
	* 4.874	36.97	MAv1	34.5	-29.4	42.07	54	-11.93	-	-	179	326	H
5	* 4.874	42.26	PK2	34.5	-29.4	47.36	-	-	74	-26.64	198	278	V
	* 4.874	35.73	MAv1	34.5	-29.4	40.83	54	-13.17	-	-	198	278	V
4	2.027	36.25	PK2	32.1	-19.8	48.55	-	-	-	-	185	101	V
	2.027	24.14	MAv1	32.1	-19.8	36.44	-	-	-	-	185	101	V
6	9.748	38.9	PK2	37.4	-24.6	51.7	-	-	-	-	187	201	V
	9.748	31.53	MAv1	37.4	-24.6	44.33	-	-	-	-	187	201	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 T711 (dB/m)	Amp/Cbl/FI trl/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	1.429	42.05	PK2	28.9	-22	48.95	-	-	-	-	59	319	H
2	* 4.944	42.09	PK2	34.1	-28.1	48.09	-	-	74	-25.91	238	283	H
	* 4.944	36.17	MAv1	34.1	-28.1	42.17	54	-11.83	-	-	238	283	H
3	5.286	36.76	PK2	34.2	-26.9	44.06	-	-	-	-	331	273	H
4	* 1.405	41.52	PK2	29.2	-22.1	48.62	-	-	74	-25.38	124	197	V
	* 1.404	29.79	MAv1	29.2	-22.1	36.89	54	-17.11	-	-	124	197	V
5	* 4	40.53	PK2	33.4	-28.6	45.33	-	-	74	-28.67	30	229	V
	* 4	29.39	MAv1	33.4	-28.6	34.19	54	-19.81	-	-	30	229	V
6	* 4.944	41.51	PK2	34.1	-28.1	47.51	-	-	74	-26.49	244	265	V
	* 4.944	35.21	MAv1	34.1	-28.1	41.21	54	-12.79	-	-	244	265	V

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

PK2 - KDB558074 Method: Maximum Peak

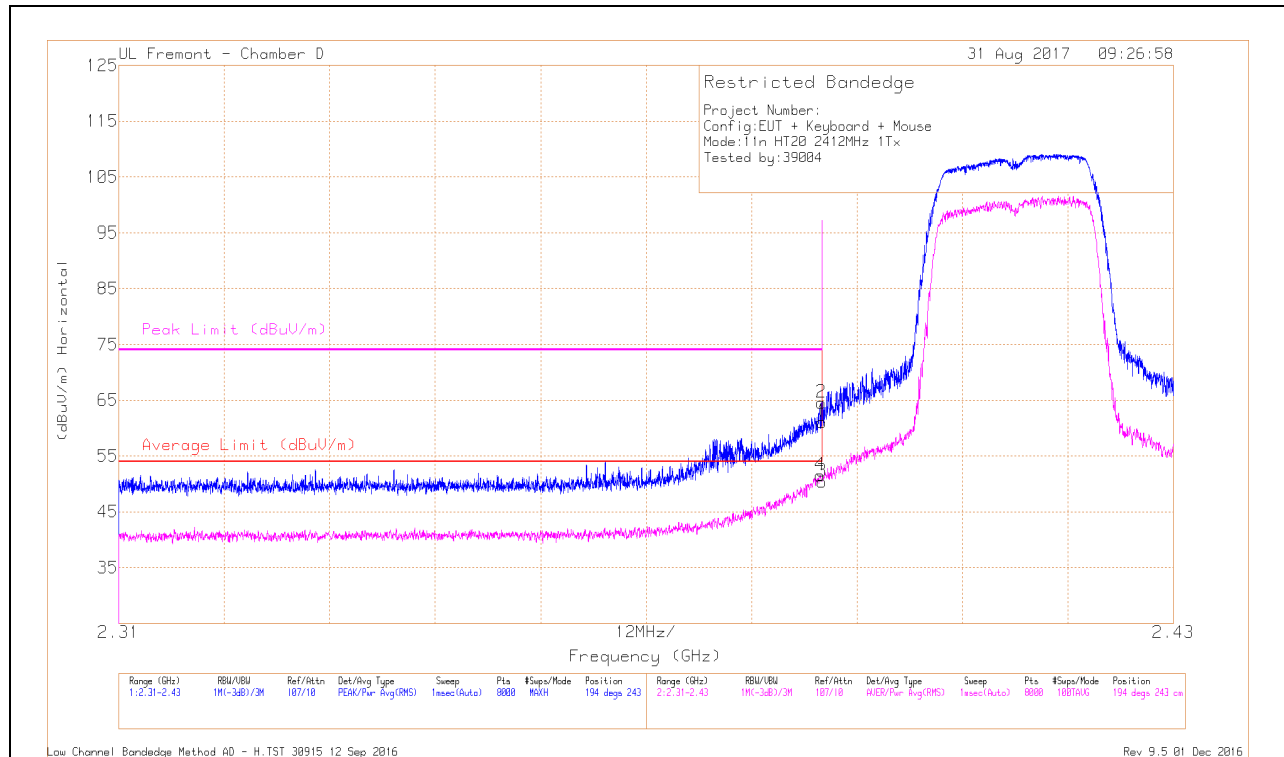
MAv1 - KDB558074 Option 1 Maximum RMS Average

5.3. BANDEDGE, 802.11n HT20 MODE

5.3.1. BANDEDGE, 1TX Antenna WF4

LOW CHANNEL, CH 1

HORIZONTAL RESULT



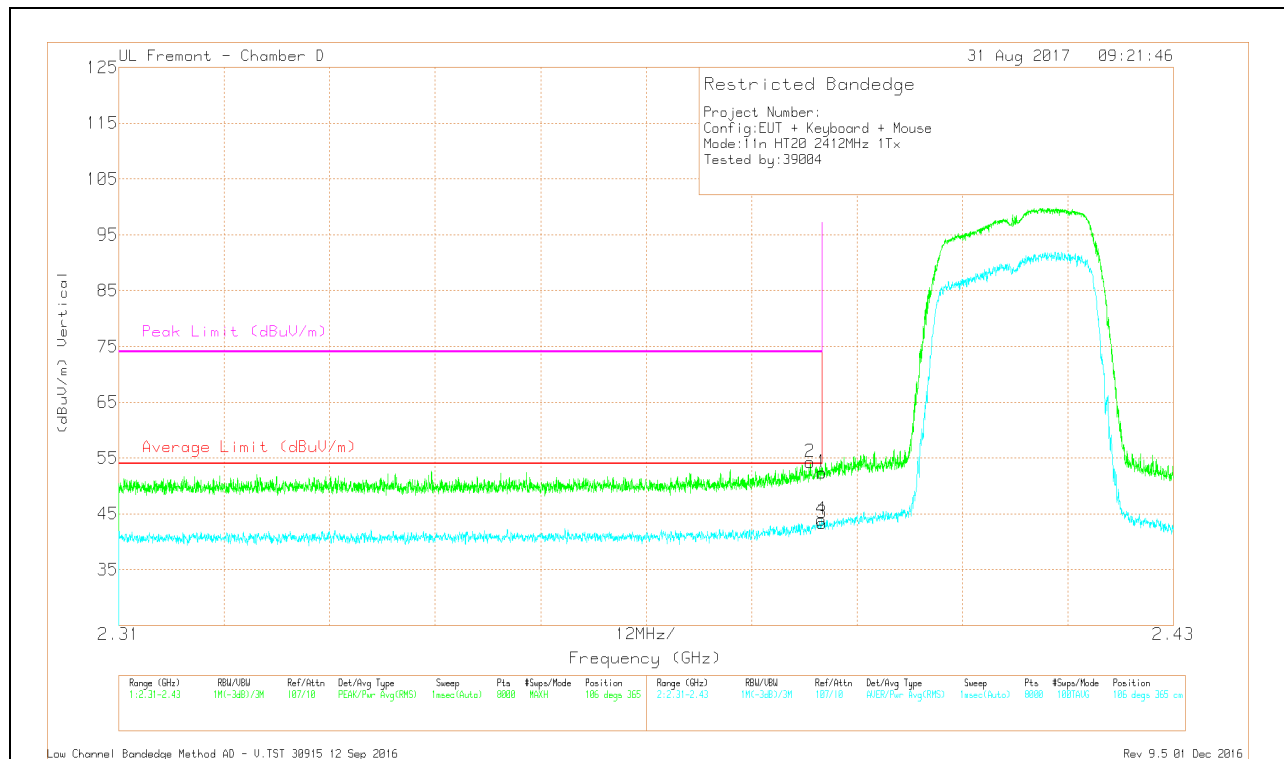
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.39	49.66	Pk	32.1	-20.7	0	61.06	-	-	74	-12.94	194	243	H
2	* 2.39	53.12	Pk	32.1	-20.7	0	64.52	-	-	74	-9.48	194	243	H
3	* 2.39	38.83	RMS	32.1	-20.7	.23	50.46	54	-3.54	-	-	194	243	H
4	* 2.39	39.95	RMS	32.1	-20.8	.23	51.48	54	-2.52	-	-	194	243	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	40.97	Pk	32.1	-20.7	0	52.37	-	-	74	-21.63	106	365	V
2	* 2.389	42.98	Pk	32.1	-20.8	0	54.28	-	-	74	-19.72	106	365	V
3	* 2.39	31.71	RMS	32.1	-20.7	.23	43.34	54	-10.66	-	-	106	365	V
4	* 2.39	32.28	RMS	32.1	-20.7	.23	43.91	54	-10.09	-	-	106	365	V

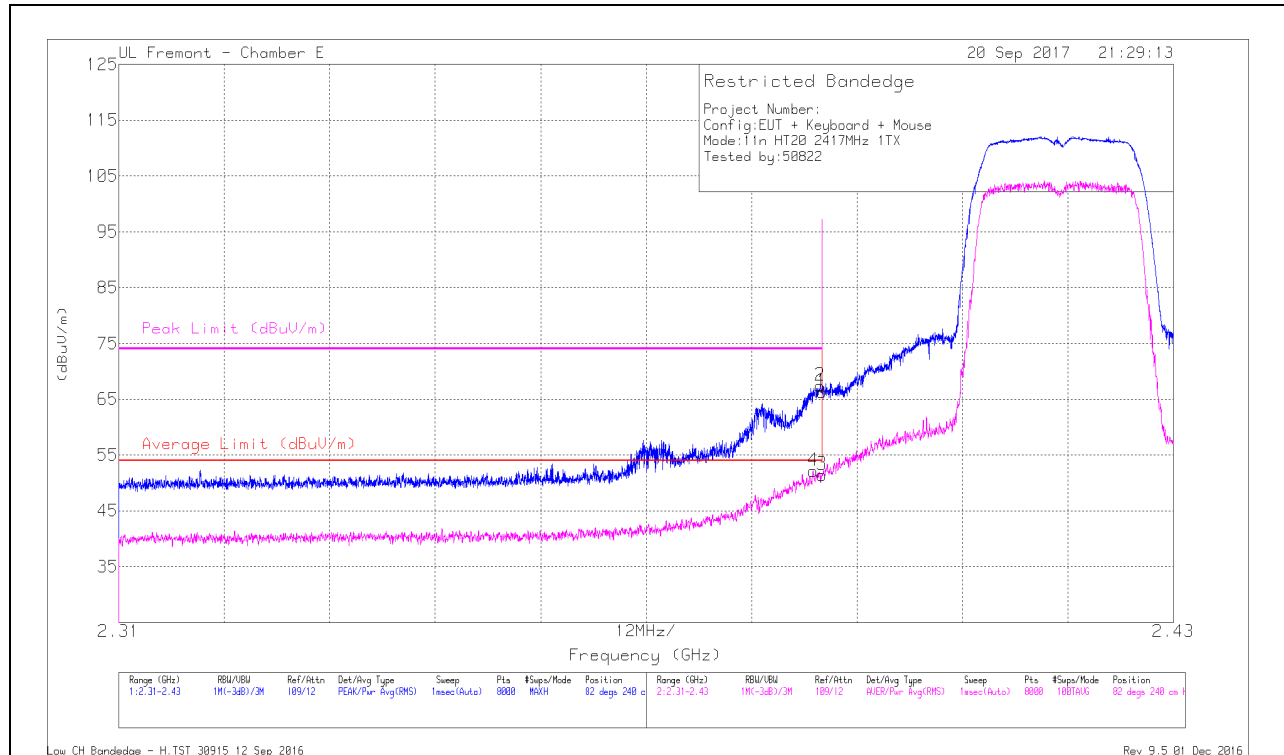
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 2)

HORIZONTAL RESULT



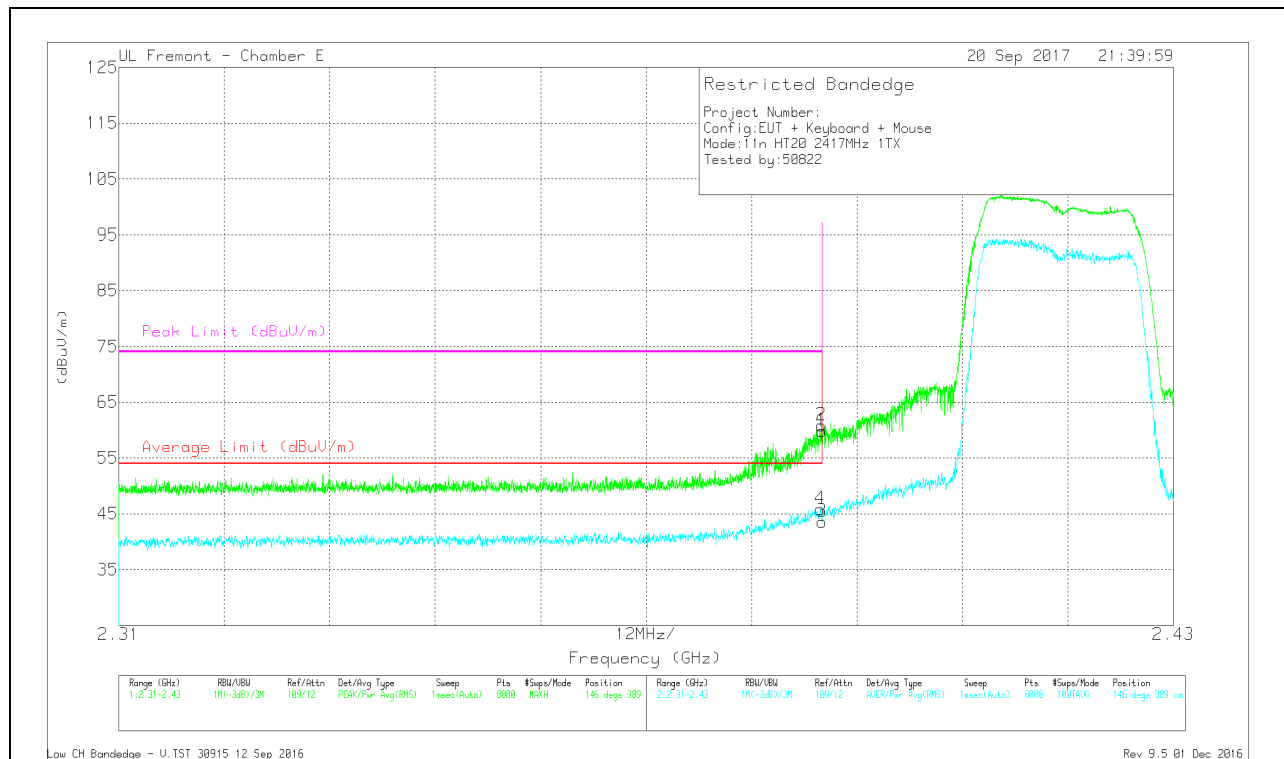
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.389	39.17	RMS	31.9	-19.2	.23	52.1	54	-1.9	-	-	82	240	H
1	* 2.39	53.49	Pk	32	-19.2	0	66.29	-	-	74	-7.71	82	240	H
2	* 2.39	54.65	Pk	32	-19.2	0	67.45	-	-	74	-6.55	82	240	H
3	* 2.39	38.44	RMS	32	-19.2	.23	51.47	54	-2.53	-	-	82	240	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 T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (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	47.05	Pk	32	-19.2	0	59.85	-	-	74	-14.15	146	389	V
2	* 2.39	48	Pk	32	-19.2	0	60.8	-	-	74	-13.2	146	389	V
3	* 2.39	30.56	RMS	32	-19.2	.23	43.59	54	-10.41	-	-	146	389	V
4	* 2.39	32.76	RMS	32	-19.2	.23	45.79	54	-8.21	-	-	146	389	V

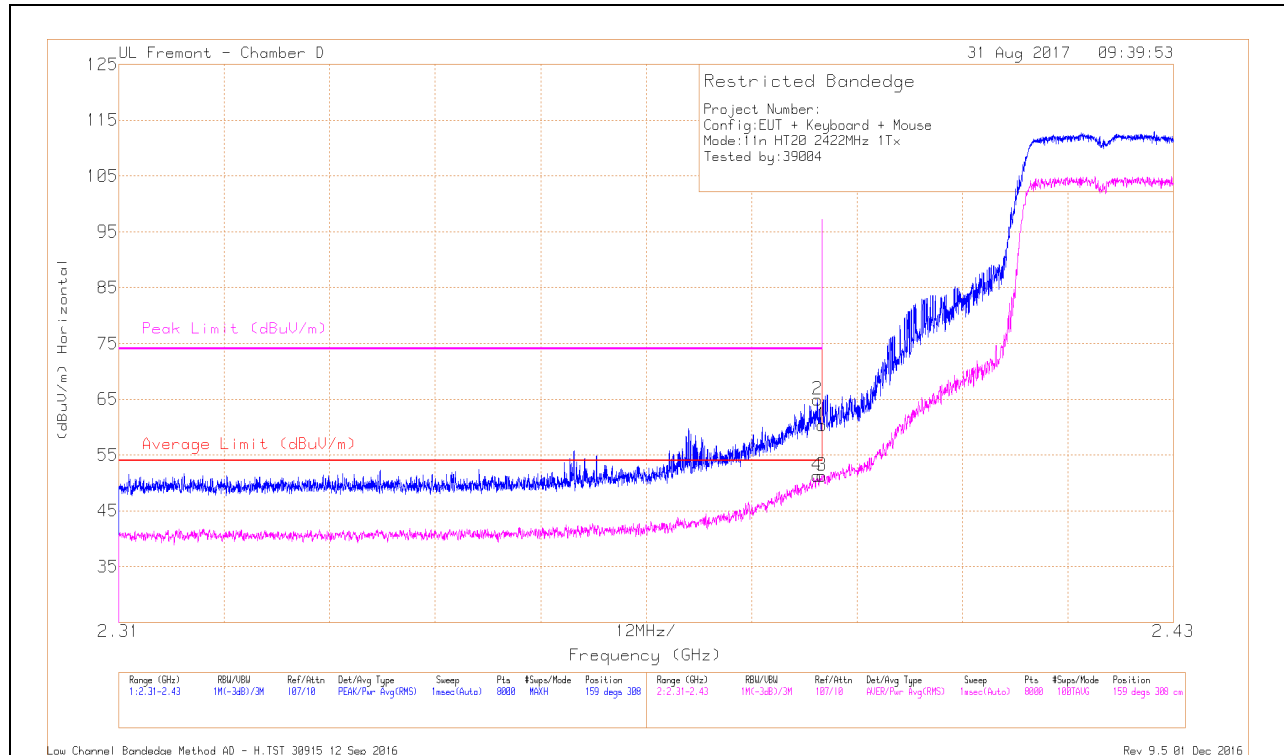
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 3)

HORIZONTAL RESULT



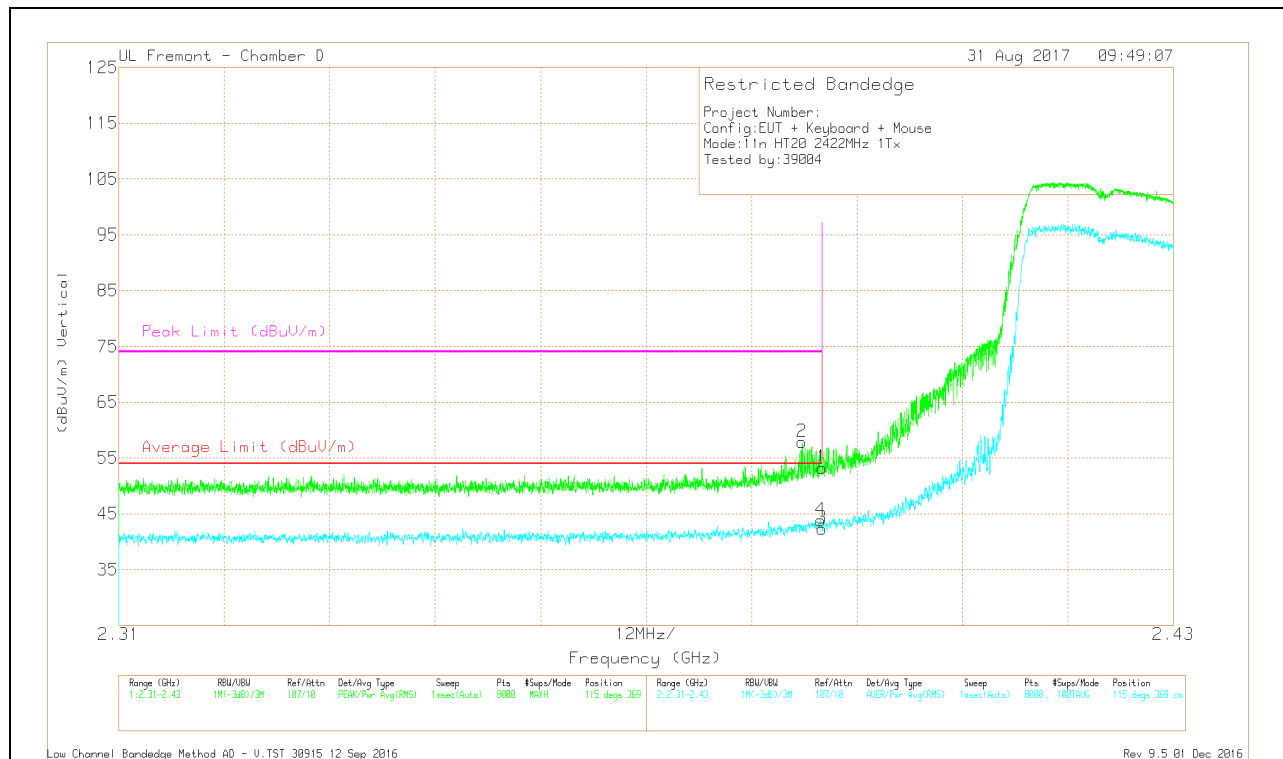
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.97	Pk	32.1	-20.7	0	60.37	-	-	74	-13.63	159	308	H
2	* 2.39	53.66	Pk	32.1	-20.8	0	64.96	-	-	74	-9.04	159	308	H
3	* 2.39	39.65	RMS	32.1	-20.7	.23	51.28	54	-2.72	-	-	159	308	H
4	* 2.389	39.78	RMS	32.1	-20.8	.23	51.31	54	-2.69	-	-	159	308	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 T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	41.82	Pk	32.1	-20.7	0	53.22	-	-	74	-20.78	115	369	V
2	* 2.388	46.58	Pk	32.1	-20.8	0	57.88	-	-	74	-16.12	115	369	V
3	* 2.39	30.74	RMS	32.1	-20.7	.23	42.37	54	-11.63	-	-	115	369	V
4	* 2.39	32.26	RMS	32.1	-20.7	.23	43.89	54	-10.11	-	-	115	369	V

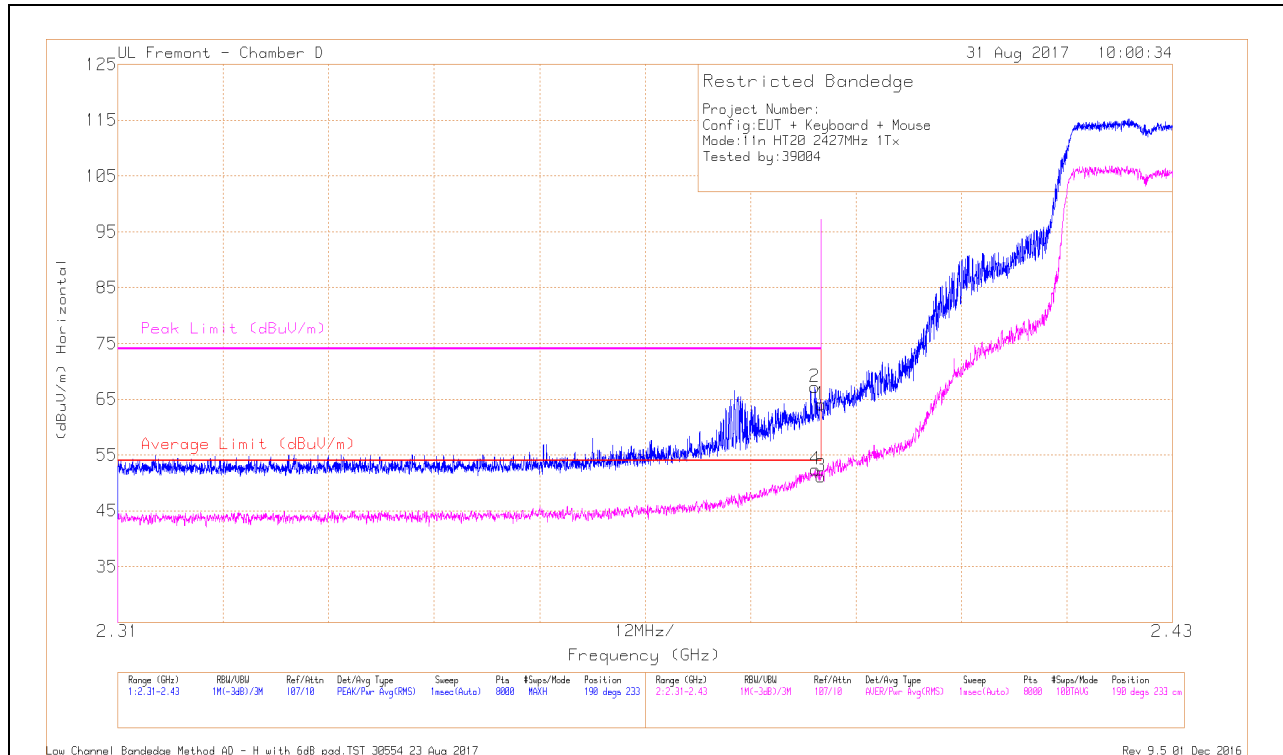
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 4)

HORIZONTAL RESULT



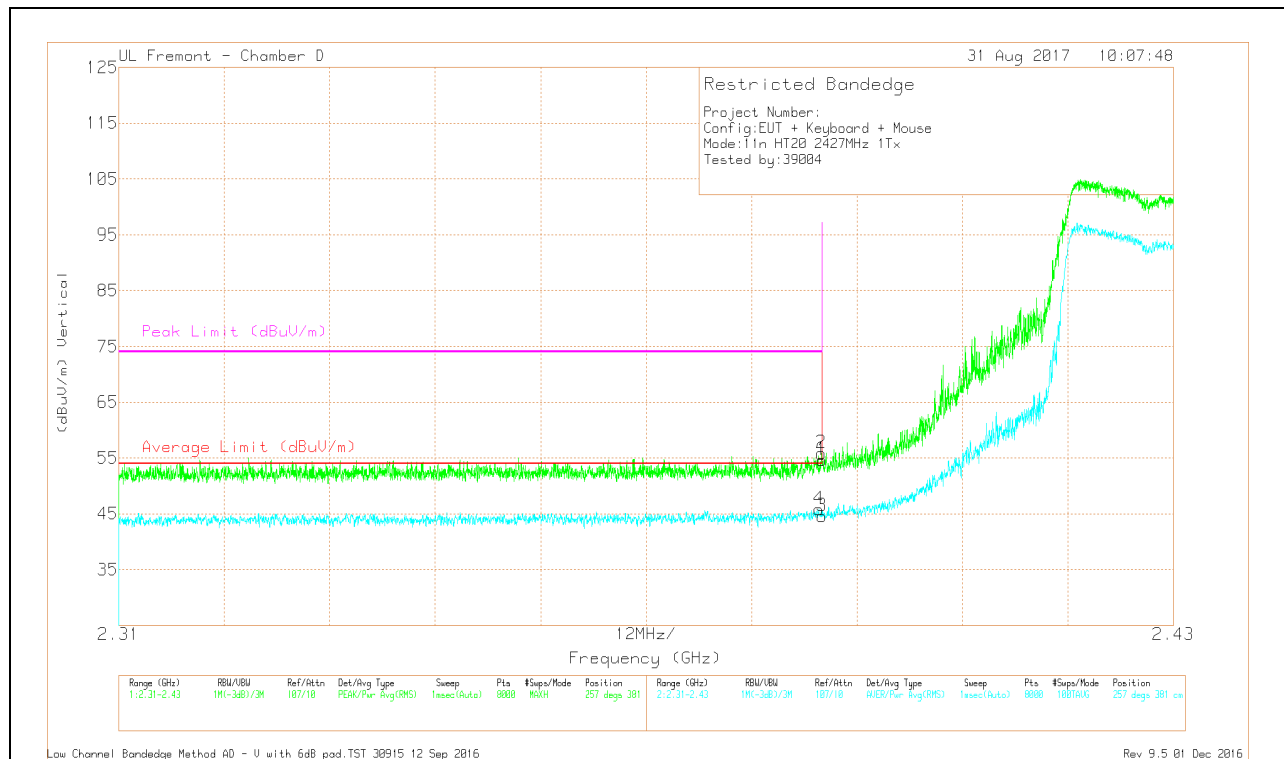
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.72	Pk	32.1	-20.7	6	0	64.12	-	-	74	-9.88	190	233	H
2	* 2.389	49.83	Pk	32.1	-20.8	6	0	67.13	-	-	74	-6.87	190	233	H
3	* 2.39	33.57	RMS	32.1	-20.7	6	.23	51.2	54	-2.8	-	-	190	233	H
4	* 2.389	34.85	RMS	32.1	-20.8	6	.23	52.38	54	-1.62	-	-	190	233	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.39	37.2	Pk	32.1	-20.7	6	0	54.6	-	-	74	-19.4	257	381	V
2	* 2.39	38.42	Pk	32.1	-20.7	6	0	55.82	-	-	74	-18.18	257	381	V
3	* 2.39	26.99	RMS	32.1	-20.7	6	.23	44.62	54	-9.38	-	-	257	381	V
4	* 2.39	28.24	RMS	32.1	-20.8	6	.23	45.77	54	-8.23	-	-	257	381	V

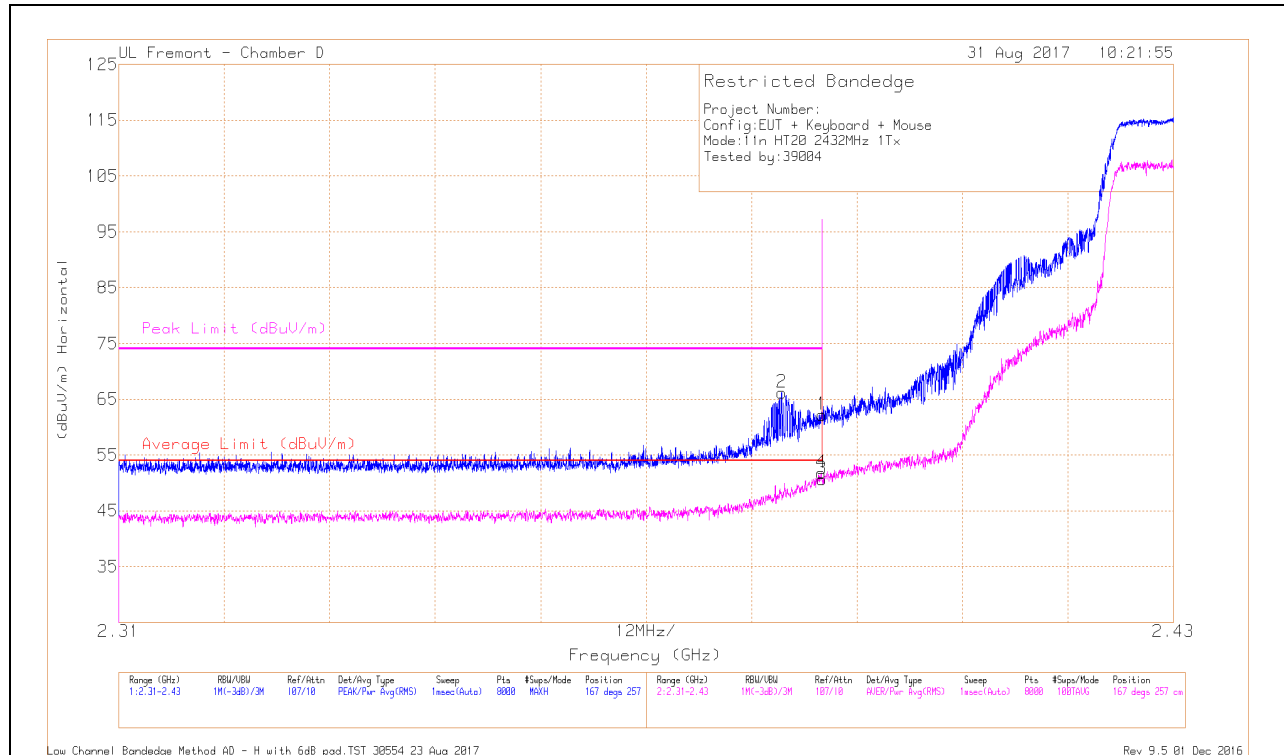
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (LOW CHANNEL, CH 5)

HORIZONTAL RESULT



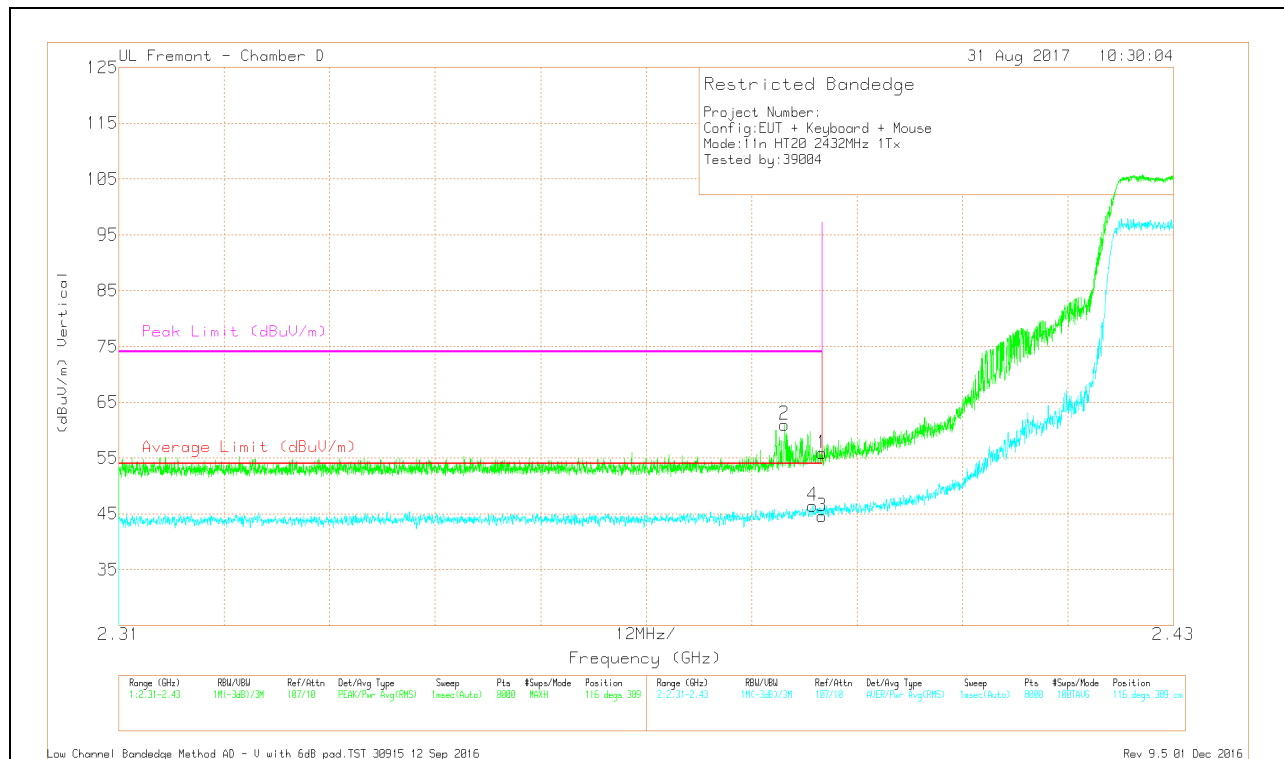
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.82	Pk	32.1	-20.7	6	0	62.22	-	-	74	-11.78	167	257	H
2	* 2.385	48.88	Pk	32.1	-20.8	6	0	66.18	-	-	74	-7.82	167	257	H
3	* 2.39	32.98	RMS	32.1	-20.7	6	.23	50.61	54	-3.39	-	-	167	257	H
4	* 2.39	34.17	RMS	32.1	-20.7	6	.23	51.8	54	-2.2	-	-	167	257	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 T711 (dB/m)	Amp/Cbl/Ftr/Pwr (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.39	38.53	Pk	32.1	-20.7	6	0	55.93	-	-	74	-18.07	116	389	V
2	* 2.386	43.73	Pk	32.1	-20.8	6	0	61.03	-	-	74	-12.97	116	389	V
3	* 2.39	26.97	RMS	32.1	-20.7	6	.23	44.6	54	-9.4	-	-	116	389	V
4	* 2.389	28.97	RMS	32.1	-20.8	6	.23	46.5	54	-7.5	-	-	116	389	V

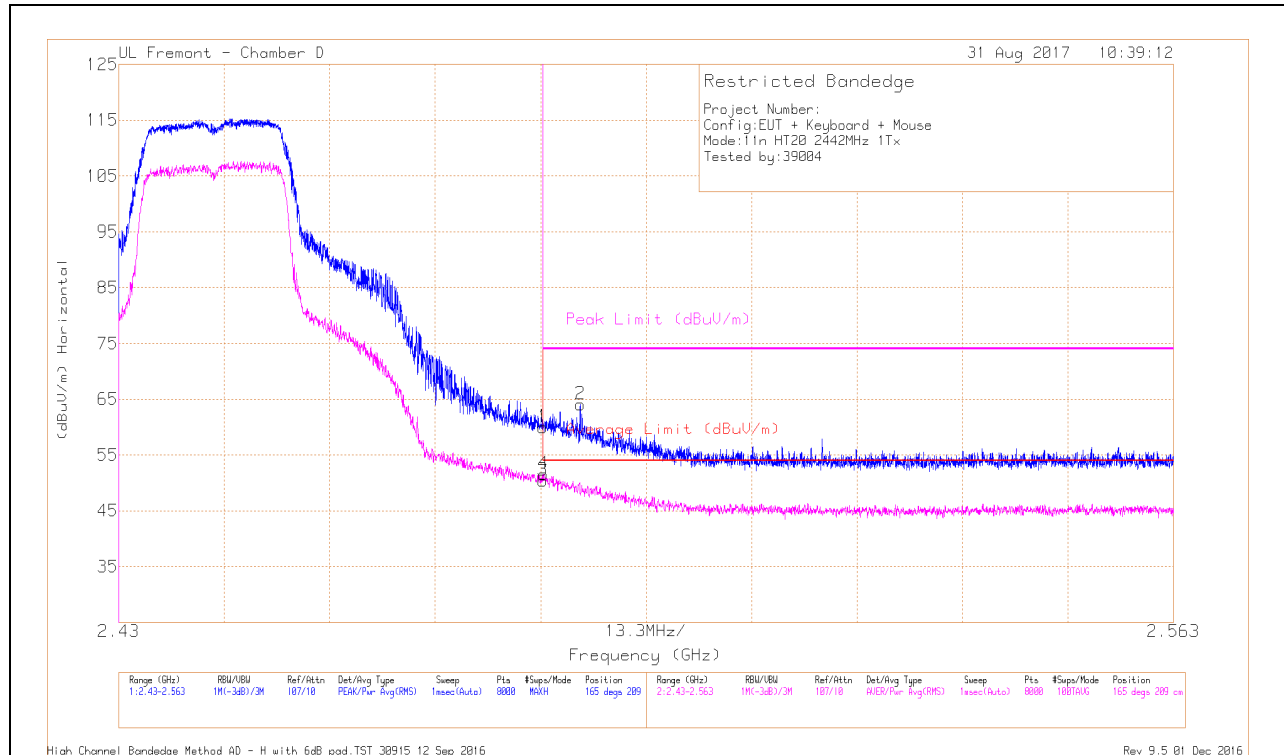
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 7)

HORIZONTAL RESULT



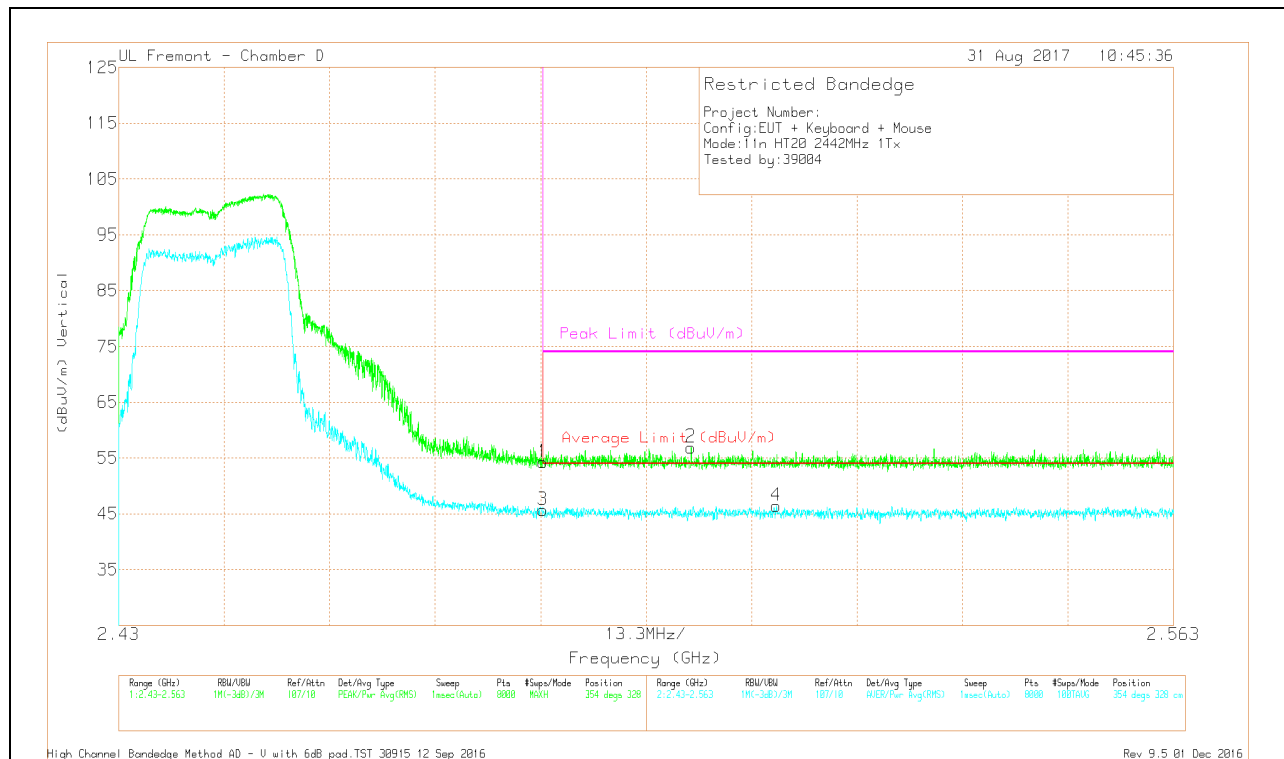
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.33	Pk	32.5	-20.8	6	0	60.03	-	-	74	-13.97	165	209	H
2	* 2.488	46.25	Pk	32.6	-20.8	6	0	64.05	-	-	74	-9.95	165	209	H
3	* 2.484	32.44	RMS	32.5	-20.8	6	.23	50.37	54	-3.63	-	-	165	209	H
4	* 2.484	33.65	RMS	32.5	-20.8	6	.23	51.58	54	-2.42	-	-	165	209	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.484	36.58	Pk	32.5	-20.8	6	0	54.28	-	-	74	-19.72	354	328	V
3	* 2.484	27.77	RMS	32.5	-20.8	6	.23	45.7	54	-8.3	-	-	354	328	V
2	2.502	39.03	Pk	32.6	-20.7	6	0	56.93	-	-	74	-17.07	354	328	V
4	2.513	28.2	RMS	32.6	-20.6	6	.23	46.43	54	-7.57	-	-	354	328	V

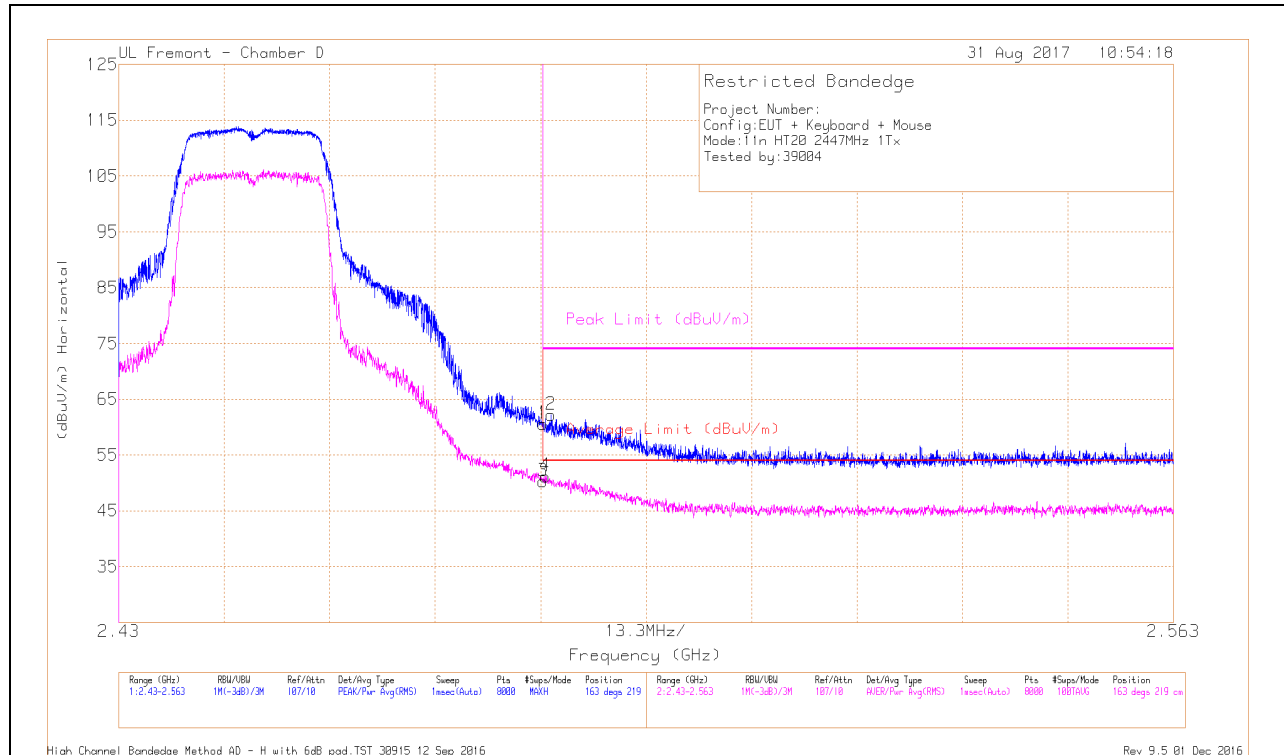
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 8)

HORIZONTAL RESULT



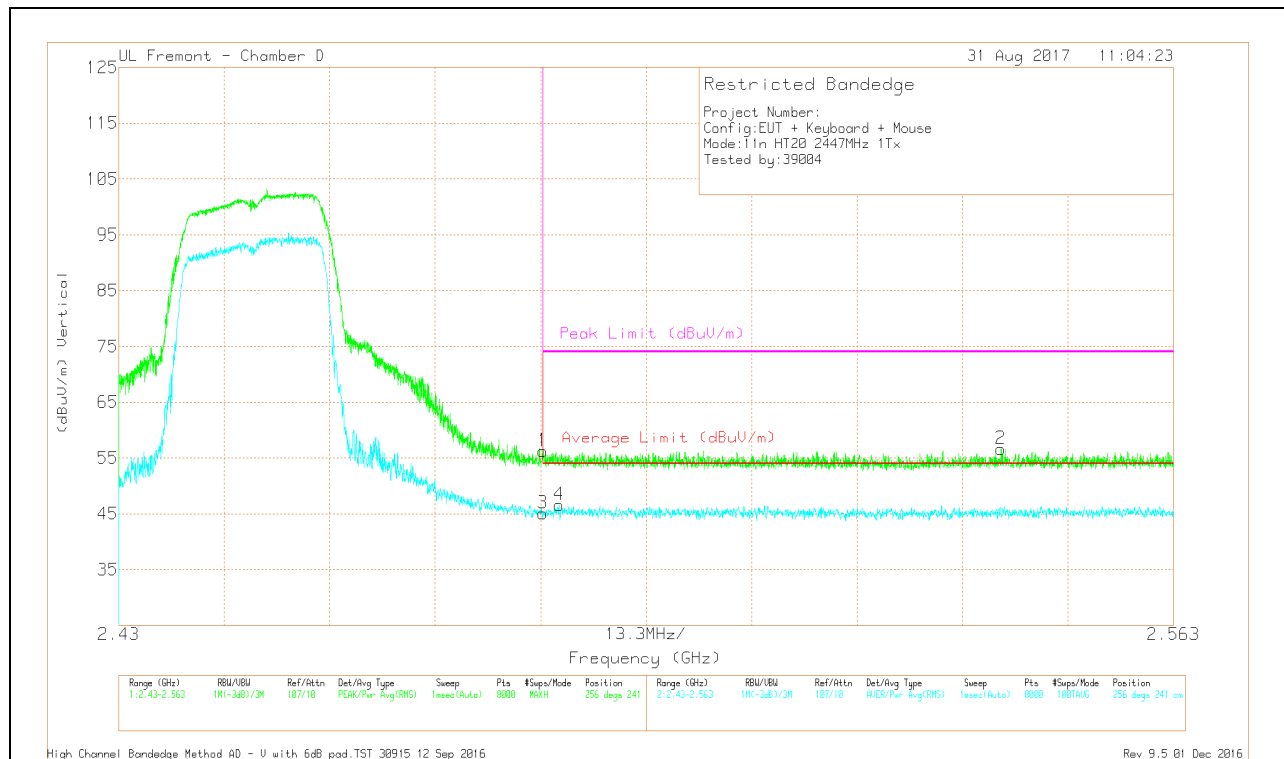
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.94	Pk	32.5	-20.8	6	0	60.64	-	-	74	-13.36	163	219	H
2	* 2.484	44.39	Pk	32.6	-20.8	6	0	62.19	-	-	74	-11.81	163	219	H
3	* 2.484	32.34	RMS	32.5	-20.8	6	.23	50.27	54	-3.73	-	-	163	219	H
4	* 2.484	33.29	RMS	32.5	-20.8	6	.23	51.22	54	-2.78	-	-	163	219	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.484	38.56	Pk	32.5	-20.8	6	0	56.26	-	-	74	-17.74	256	241	V
3	* 2.484	27.2	RMS	32.5	-20.8	6	.23	45.13	54	-8.87	-	-	256	241	V
4	* 2.486	28.55	RMS	32.6	-20.8	6	.23	46.58	54	-7.42	-	-	256	241	V
2	2.541	38.67	Pk	32.6	-20.6	6	0	56.67	-	-	74	-17.33	256	241	V

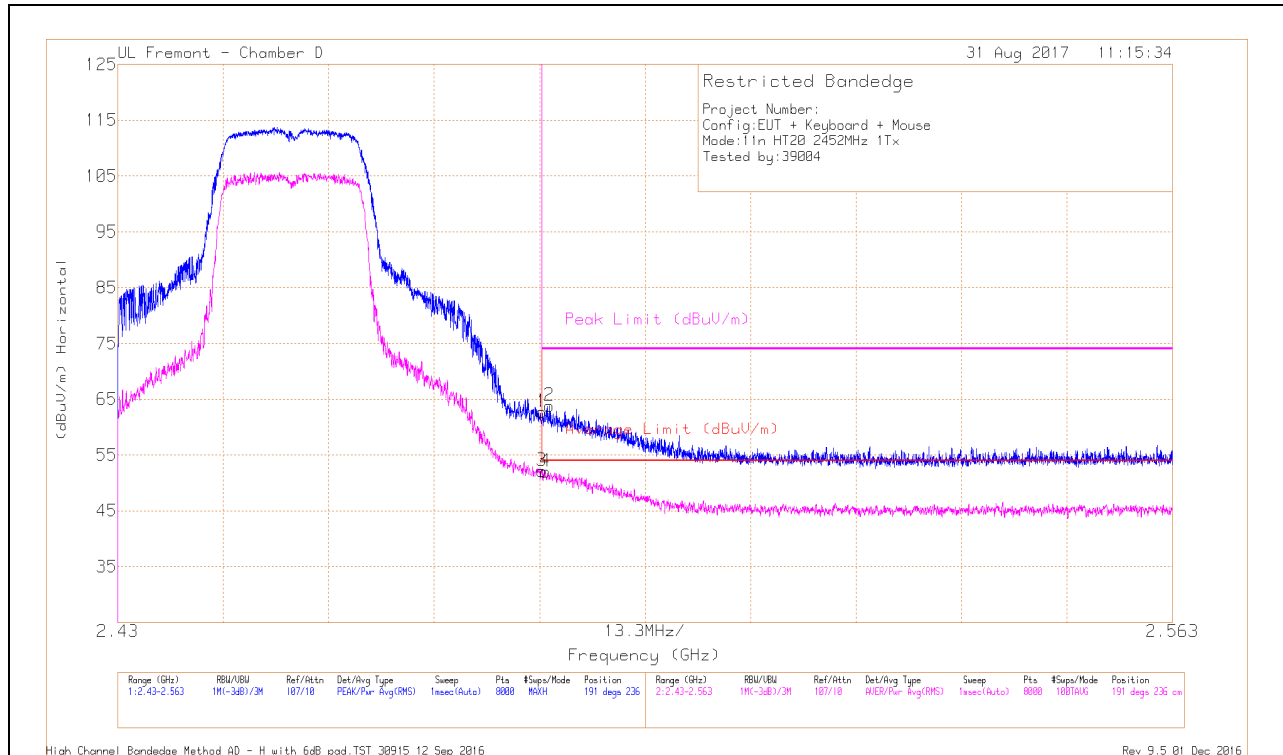
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 9)

HORIZONTAL RESULT



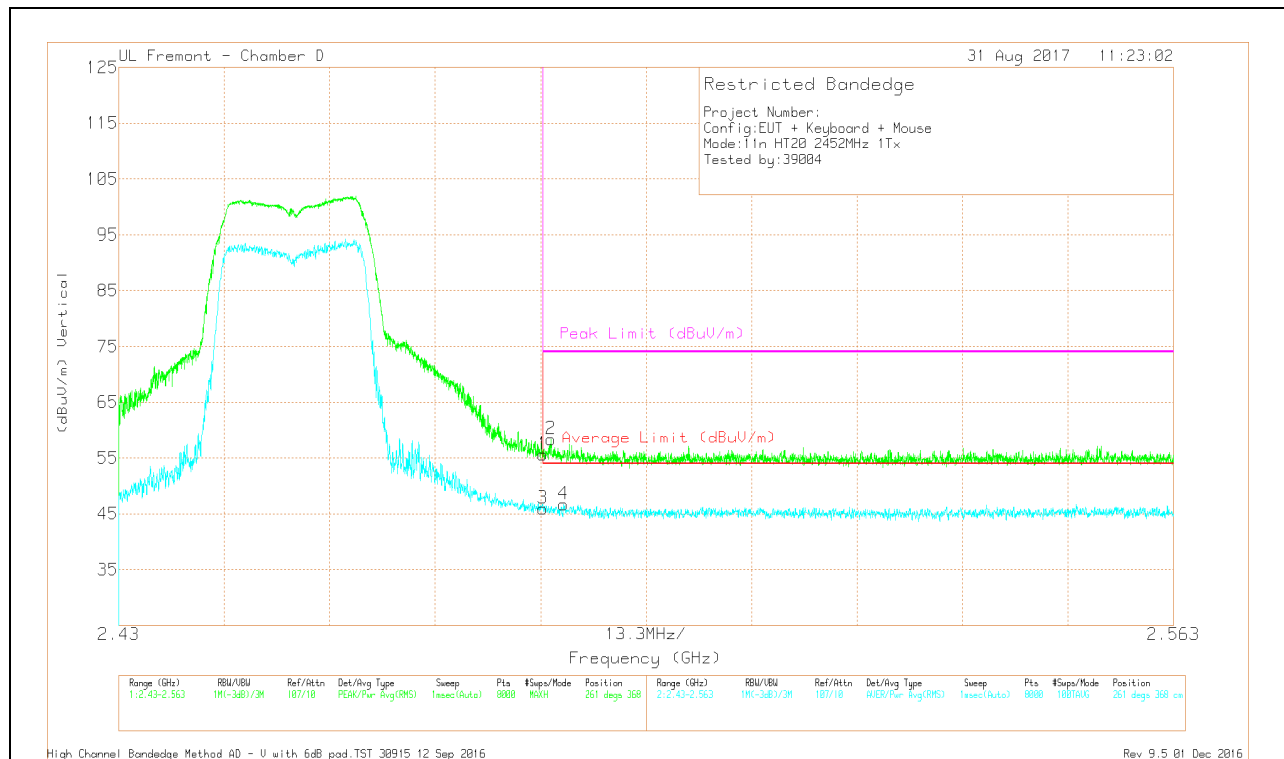
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.05	Pk	32.5	-20.8	6	0	62.75	-	-	74	-11.25	191	236	H
2	* 2.484	46.03	Pk	32.6	-20.8	6	0	63.83	-	-	74	-10.17	191	236	H
3	* 2.484	34.21	RMS	32.5	-20.8	6	.23	52.14	54	-1.86	-	-	191	236	H
4	* 2.484	34.06	RMS	32.5	-20.8	6	.23	51.99	54	-2.01	-	-	191	236	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.484	37.89	Pk	32.5	-20.8	6	0	55.59	-	-	74	-18.41	261	368	V
2	* 2.485	40.61	Pk	32.6	-20.8	6	0	58.41	-	-	74	-15.59	261	368	V
3	* 2.484	27.97	RMS	32.5	-20.8	6	.23	45.9	54	-8.1	-	-	261	368	V
4	* 2.486	28.67	RMS	32.6	-20.8	6	.23	46.7	54	-7.3	-	-	261	368	V

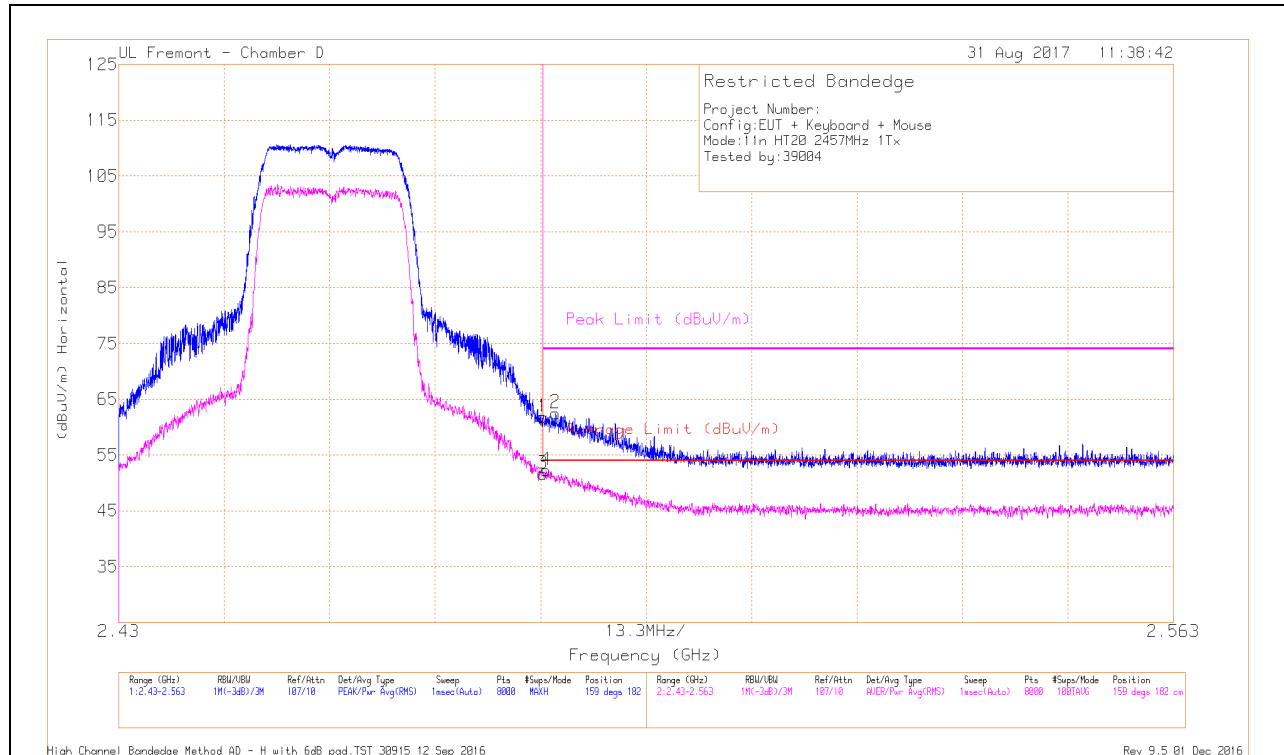
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



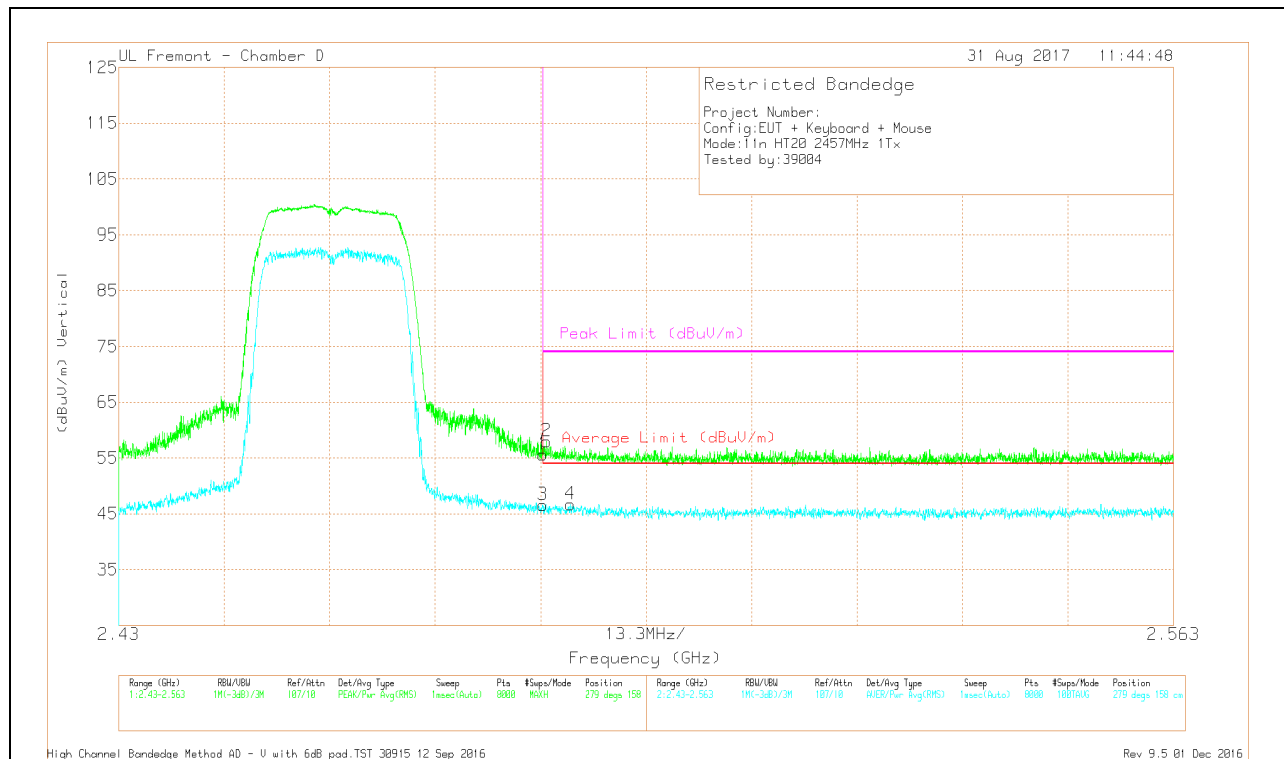
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.09	Pk	32.5	-20.8	6	0	61.79	-	-	74	-12.21	159	182	H
2	* 2.485	44.72	Pk	32.6	-20.8	6	0	62.52	-	-	74	-11.48	159	182	H
3	* 2.484	33.73	RMS	32.5	-20.8	6	.23	51.66	54	-2.34	-	-	159	182	H
4	* 2.484	34.32	RMS	32.5	-20.8	6	.23	52.25	54	-1.75	-	-	159	182	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 T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.484	37.95	Pk	32.5	-20.8	6	0	55.65	-	-	74	-18.35	279	158	V
2	* 2.484	40.3	Pk	32.5	-20.8	6	0	58	-	-	74	-16	279	158	V
3	* 2.484	28.68	RMS	32.5	-20.8	6	.23	46.61	54	-7.39	-	-	279	158	V
4	* 2.487	28.66	RMS	32.6	-20.8	6	.23	46.69	54	-7.31	-	-	279	158	V

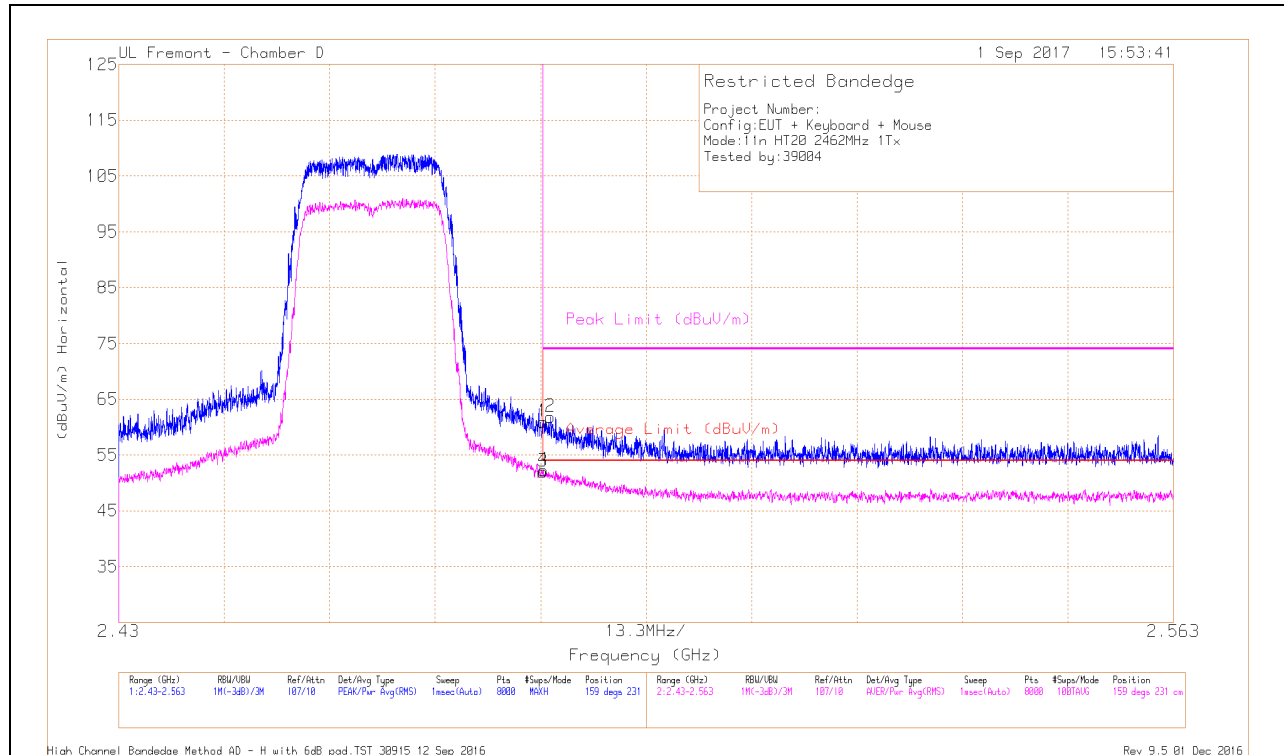
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



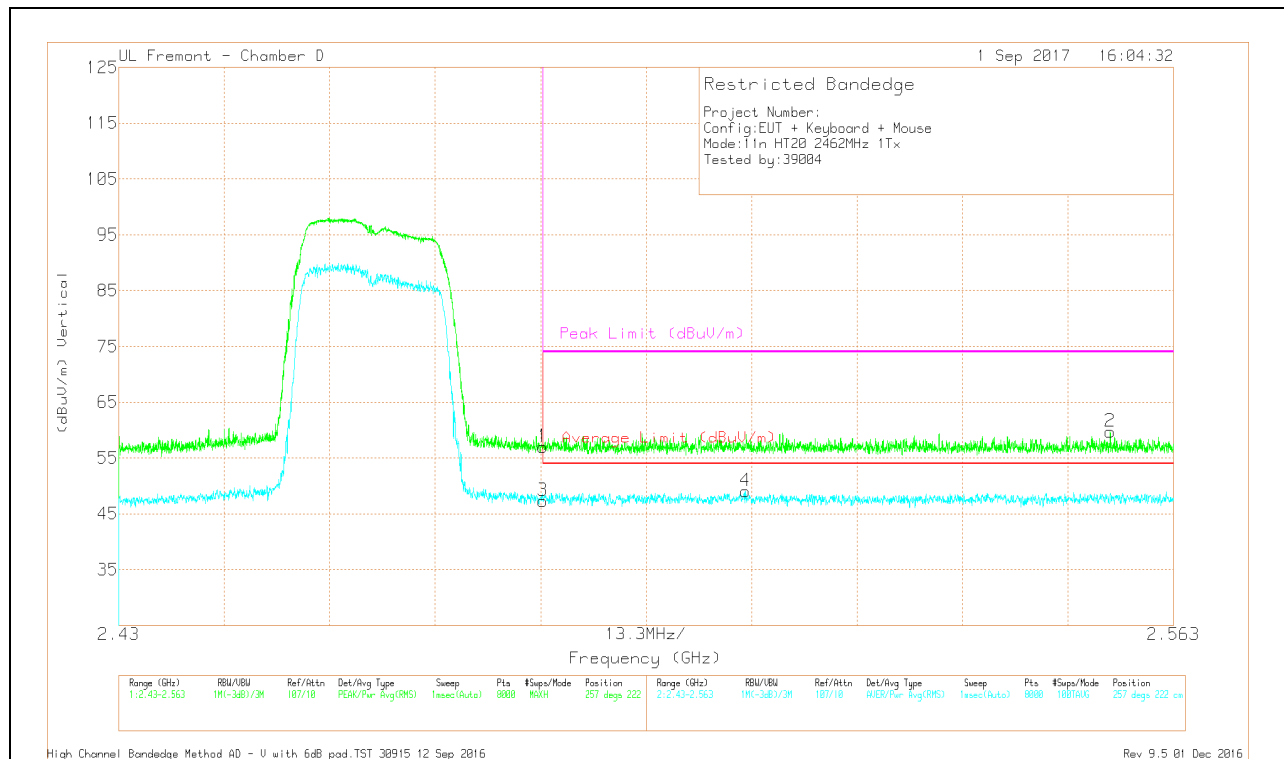
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.25	Pk	32.5	-20.8	6	0	60.95	-	-	74	-13.05	159	231	H
2	* 2.484	44.03	Pk	32.6	-20.8	6	0	61.83	-	-	74	-12.17	159	231	H
3	* 2.484	34.05	RMS	32.5	-20.8	6	.23	51.98	54	-2.02	-	-	159	231	H
4	* 2.484	34.32	RMS	32.5	-20.8	6	.23	52.25	54	-1.75	-	-	159	231	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

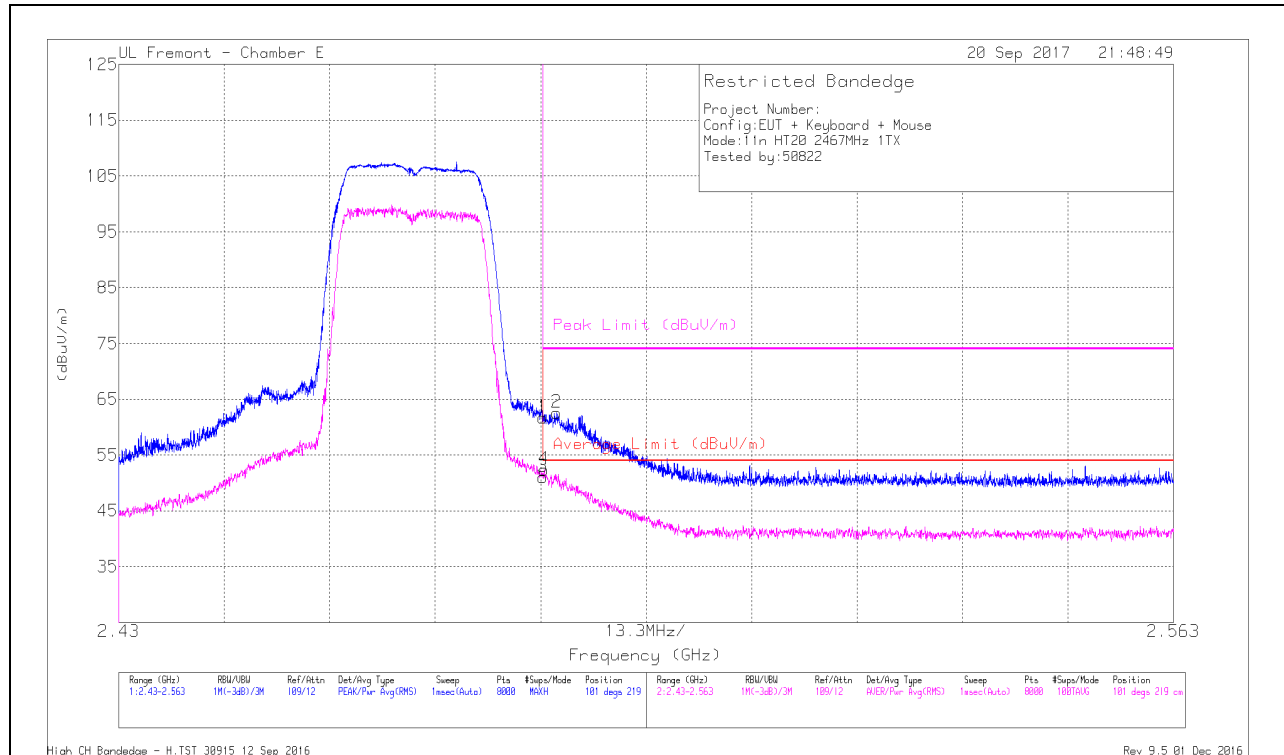


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	6dB ext Attn	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.484	39.26	Pk	32.5	-20.8	6	0	56.96	-	-	74	-17.04	257	222	V
3	* 2.484	29.36	RMS	32.5	-20.8	6	.23	47.29	54	-6.71	-	-	257	222	V
4	2.509	30.87	RMS	32.6	-20.6	6	.23	49.1	54	-4.9	-	-	257	222	V
2	2.555	41.7	Pk	32.6	-20.6	6	0	59.7	-	-	74	-14.3	257	222	V

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

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



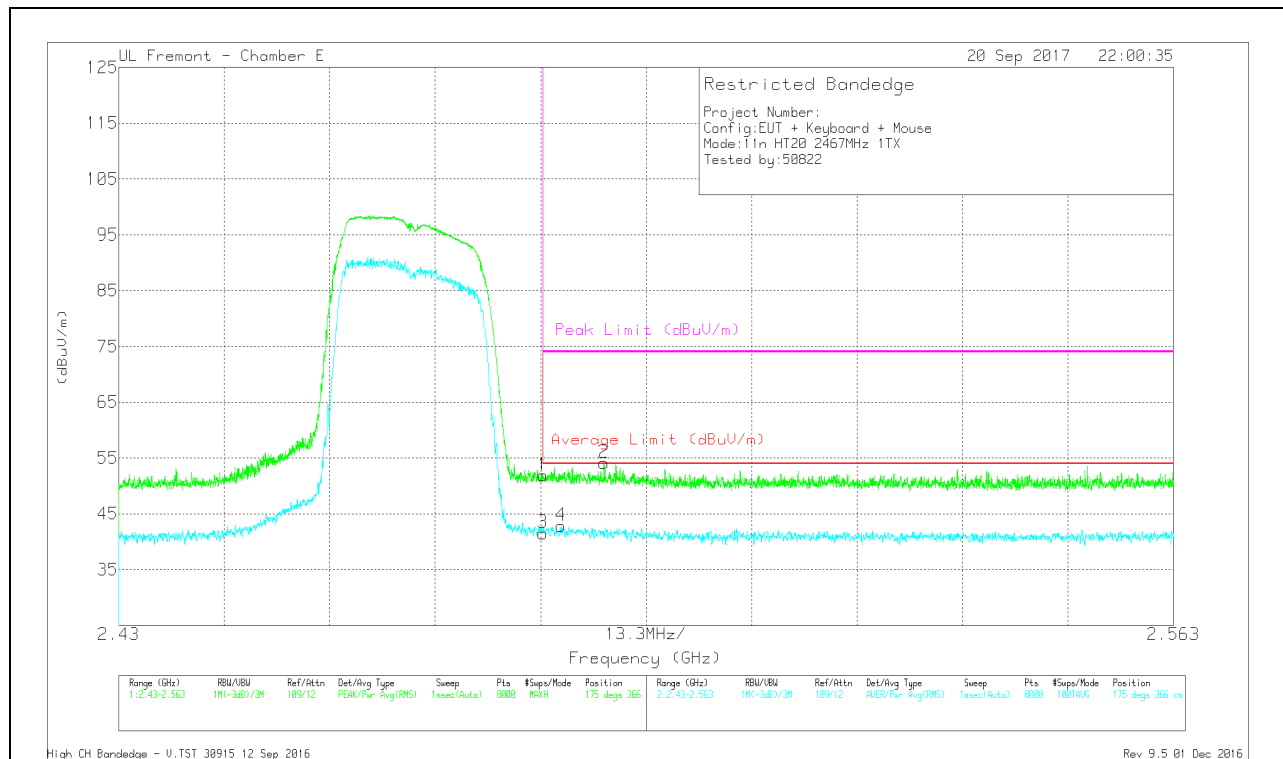
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.07	Pk	32.1	-19.4	0	61.77	-	-	74	-12.23	101	219	H
3	* 2.484	38.1	RMS	32.1	-19.4	.23	51.03	54	-2.97	-	-	101	219	H
4	* 2.484	39.46	RMS	32.1	-19.4	.23	52.39	54	-1.61	-	-	101	219	H
2	* 2.485	49.9	Pk	32.1	-19.4	0	62.6	-	-	74	-11.4	101	219	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 T346 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.21	Pk	32.1	-19.4	0	51.91	-	-	74	-22.09	175	366	V
3	* 2.484	28.61	RMS	32.1	-19.4	.23	41.54	54	-12.46	-	-	175	366	V
4	* 2.486	29.92	RMS	32.1	-19.4	.23	42.85	54	-11.15	-	-	175	366	V
2	* 2.491	41.51	Pk	32.1	-19.5	0	54.11	-	-	74	-19.89	175	366	V

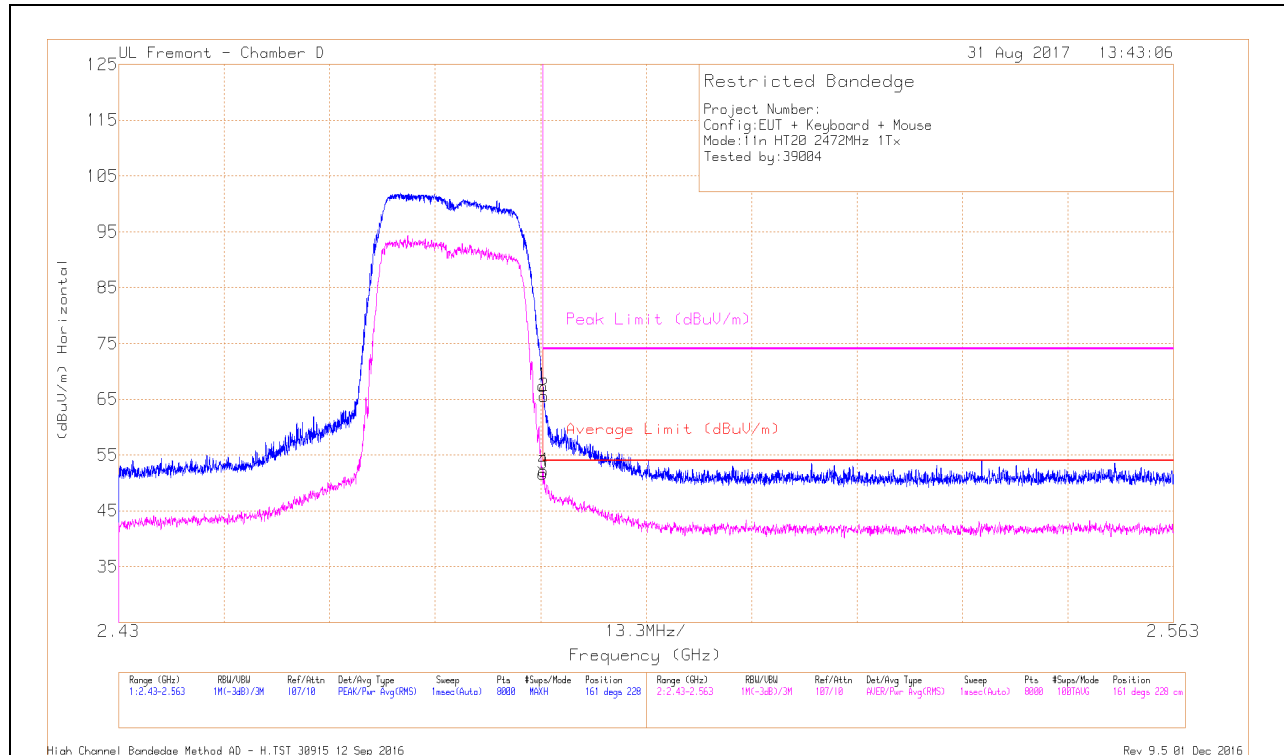
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



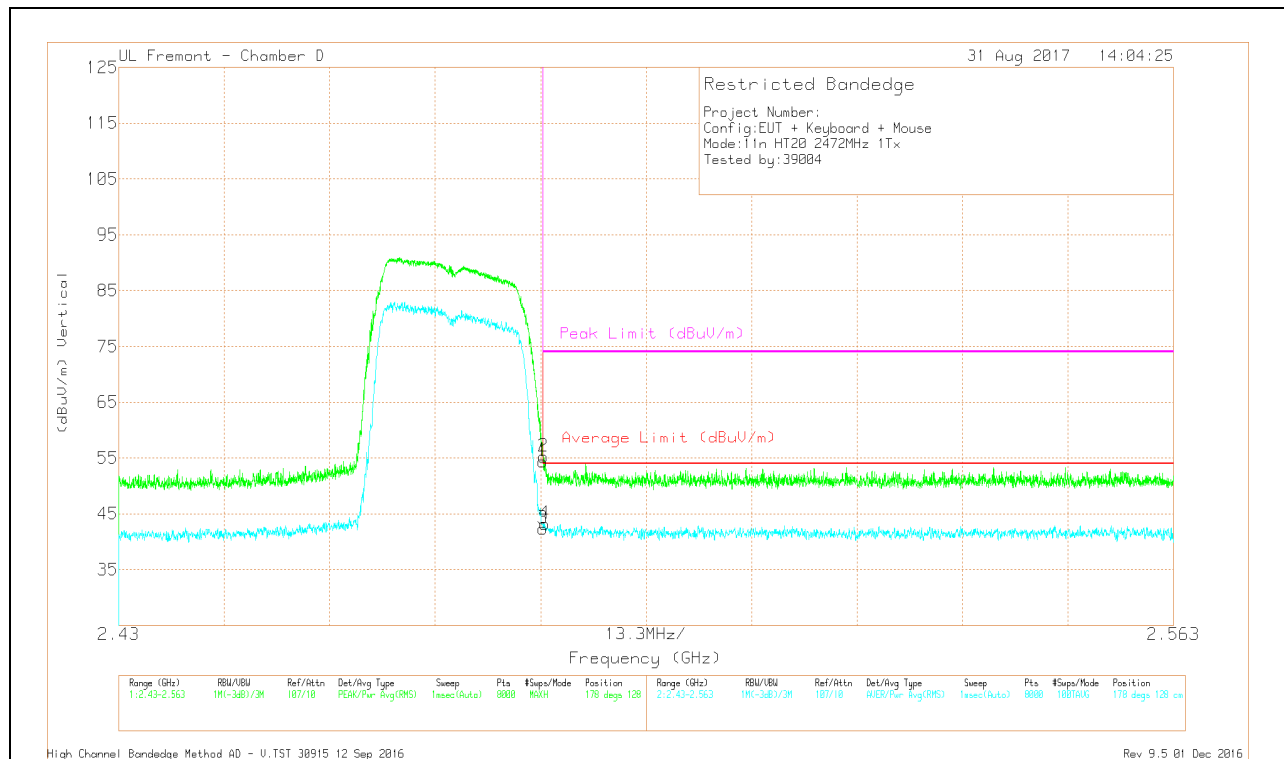
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.74	Pk	32.5	-20.8	0	67.44	-	-	74	-6.56	161	228	H
2	* 2.484	53.85	Pk	32.5	-20.8	0	65.55	-	-	74	-8.45	161	228	H
3	* 2.484	39.78	RMS	32.5	-20.8	.23	51.71	54	-2.29	-	-	161	228	H
4	* 2.484	40.25	RMS	32.5	-20.8	.23	52.18	54	-1.82	-	-	161	228	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 T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	DC Corr (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	42.75	Pk	32.5	-20.8	0	54.45	-	-	74	-19.55	178	128	V
2	* 2.484	43.51	Pk	32.5	-20.8	0	55.21	-	-	74	-18.79	178	128	V
3	* 2.484	30.65	RMS	32.5	-20.8	0	42.35	54	-11.65	-	-	178	128	V
4	* 2.484	31.55	RMS	32.5	-20.8	0	43.25	54	-10.75	-	-	178	128	V

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

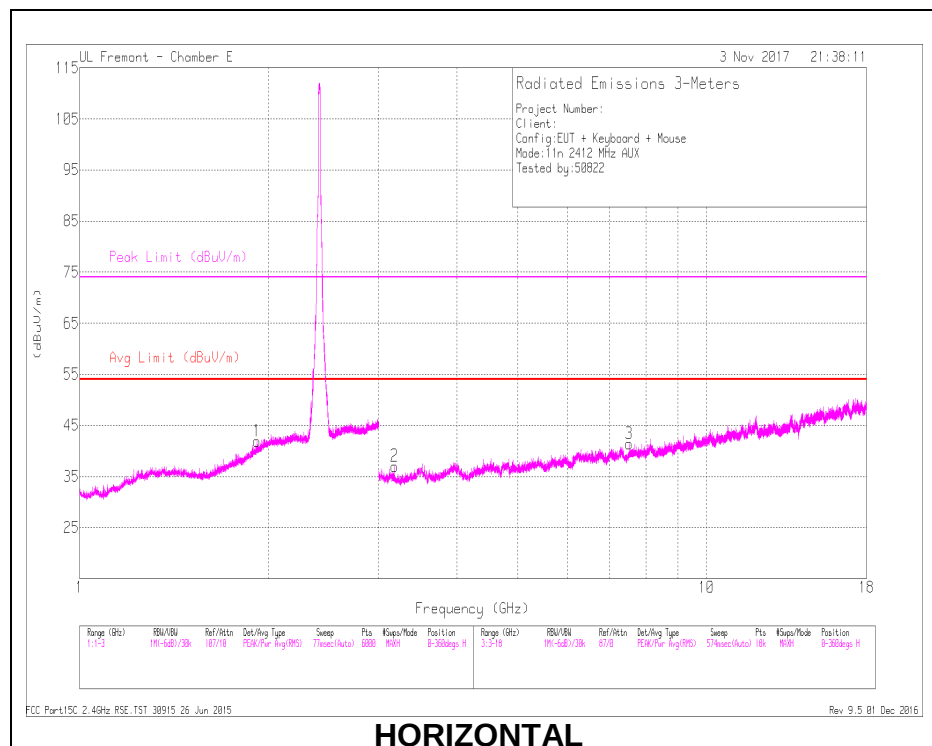
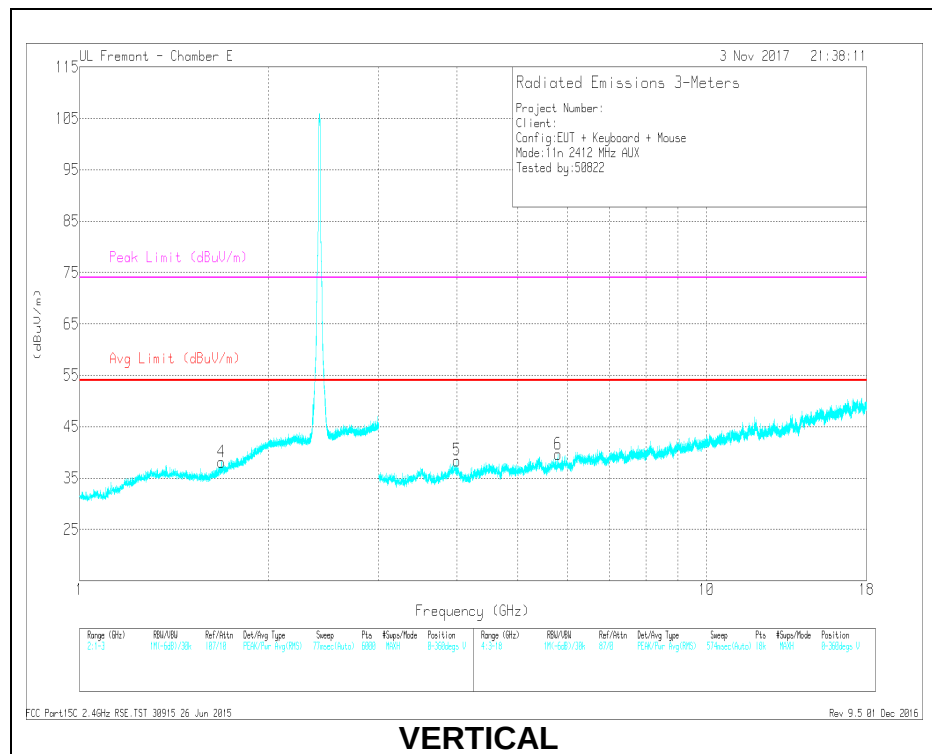
Pk - Peak detector

RMS - RMS detection

5.4. HARMONICS AND SPURIOUS EMISSIONS

5.4.1. HT20 1TX

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

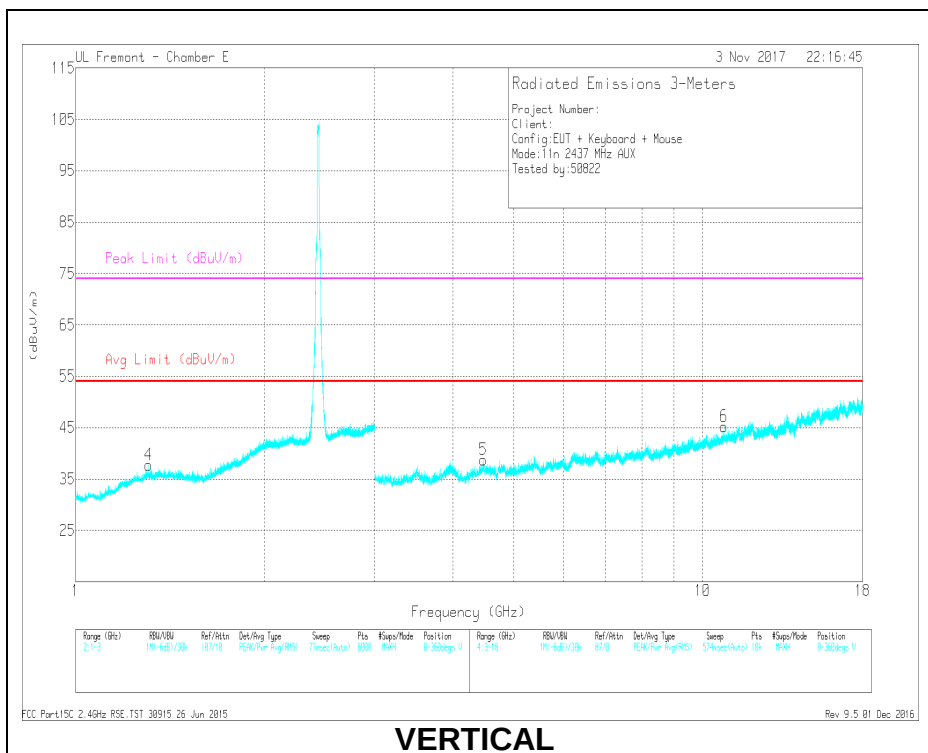
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.92	36.51	PK2	31.1	-20	47.61	-	-	-	-	100	101	H
2	3.178	39.56	PK2	33	-30.3	42.26	-	-	-	-	16	101	H
3	* 7.525	36.39	PK2	36.2	-26.1	46.49	-	-	74	-27.51	304	101	H
	* 7.524	24.96	MAv1	36.2	-26.2	34.96	54	-19.04	-	-	304	101	H
4	* 1.682	35.94	PK2	28.1	-20.4	43.64	-	-	74	-30.36	275	101	V
	* 1.682	23.58	MAv1	28.1	-20.4	31.28	54	-22.72	-	-	275	101	V
5	* 4	39.85	PK2	33.7	-28.5	45.05	-	-	74	-28.95	20	131	V
	* 4	30.11	MAv1	33.7	-28.5	35.31	54	-18.69	-	-	20	131	V
6	5.798	38.96	PK2	35.2	-29.1	45.06	-	-	-	-	355	100	V

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

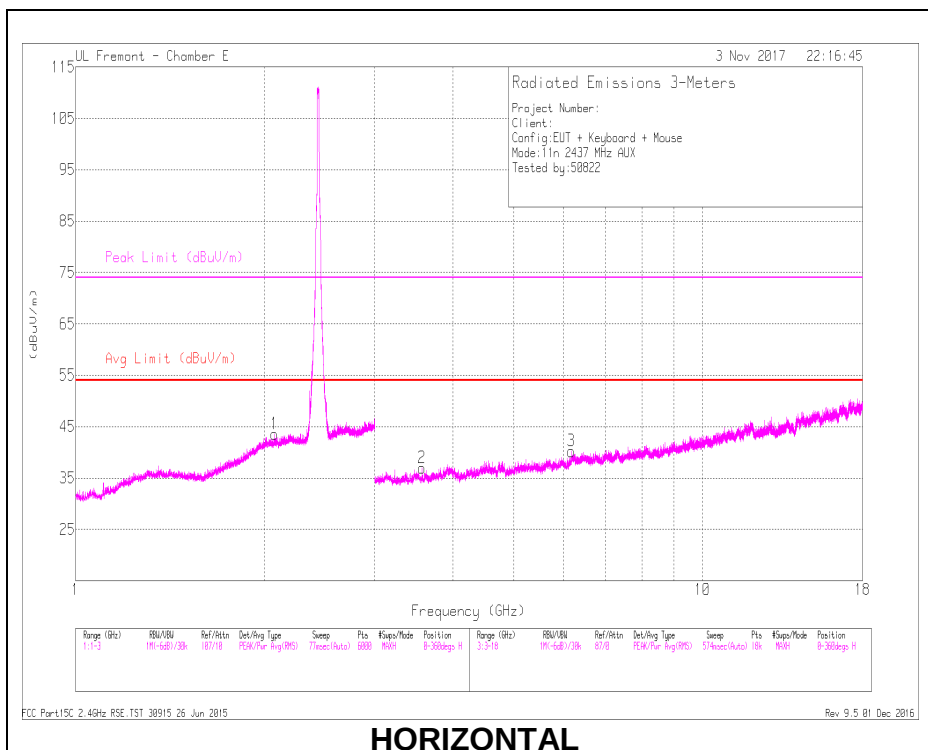
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL, CH 6 RESULTS



VERTICAL



HORIZONTAL

RADIATED EMISSIONS

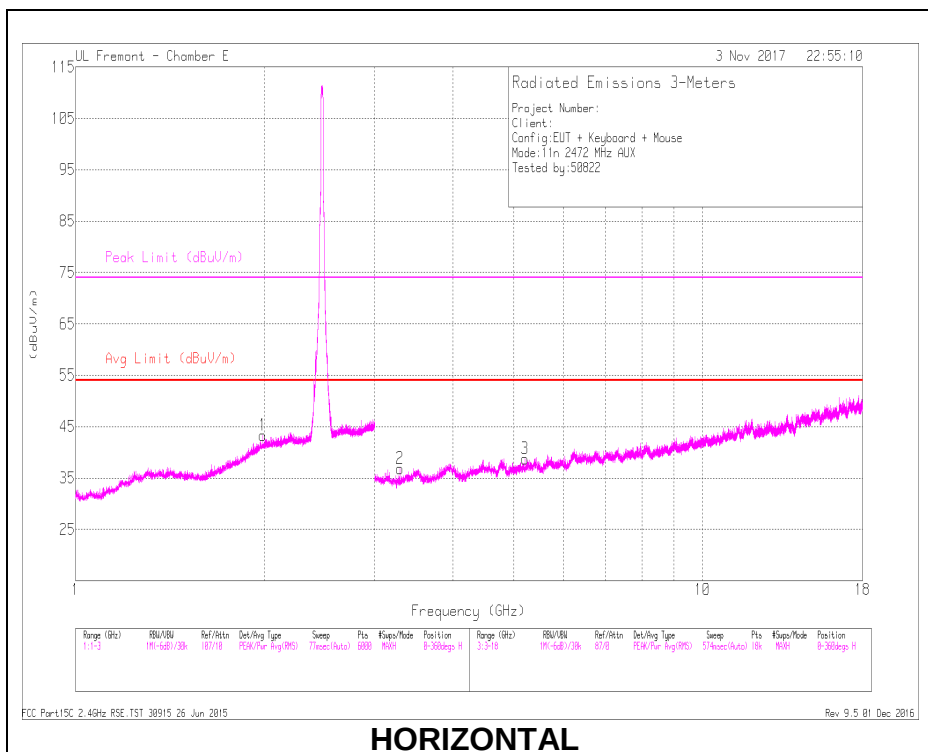
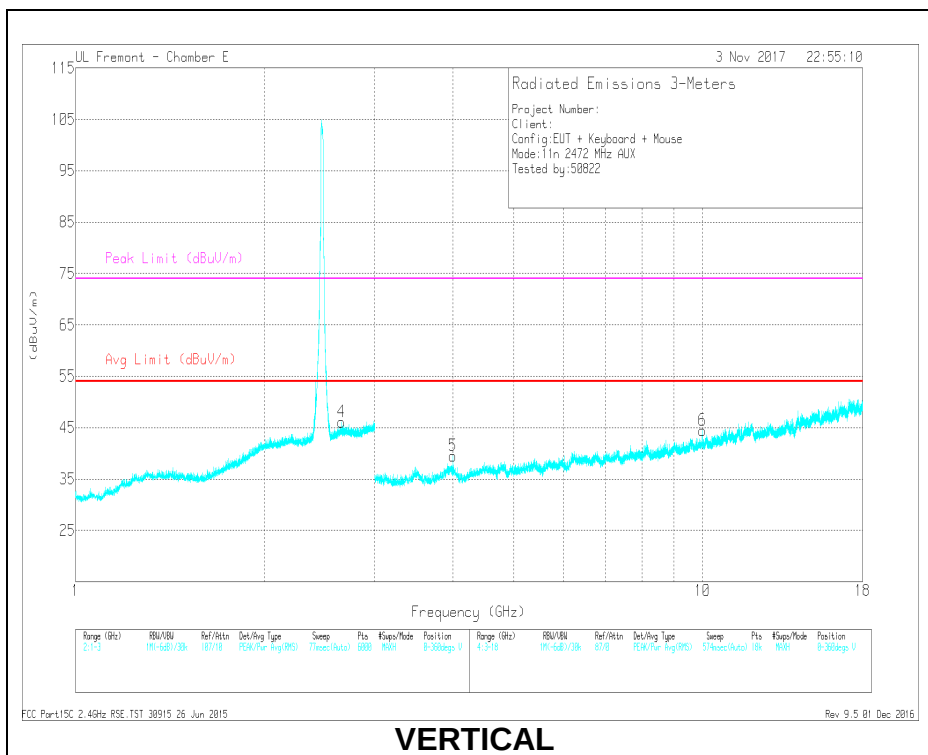
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.073	36.3	PK2	32.1	-20	0	48.4	-	-	-	-	201	146	H
2	* 3.57	39.93	PK2	33.3	-30.5	0	42.73	-	-	74	-31.27	113	182	H
	* 3.568	27.83	MAv1	33.3	-30.6	.23	30.76	54	-23.24	-	-	113	182	H
3	6.177	36.92	PK2	35.8	-27.1	0	45.62	-	-	-	-	86	134	H
4	* 1.306	35.84	PK2	28.9	-21.6	0	43.14	-	-	74	-30.86	313	101	V
	* 1.307	23.74	MAv1	28.9	-21.6	.23	31.27	54	-22.73	-	-	313	101	V
5	4.472	38.91	PK2	34.4	-29	0	44.31	-	-	-	-	327	101	V
6	* 10.811	35.5	PK2	38.1	-22.6	0	51	-	-	74	-23	177	101	V
	* 10.809	23.42	MAv1	38.1	-22.6	.23	39.15	54	-14.85	-	-	177	101	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

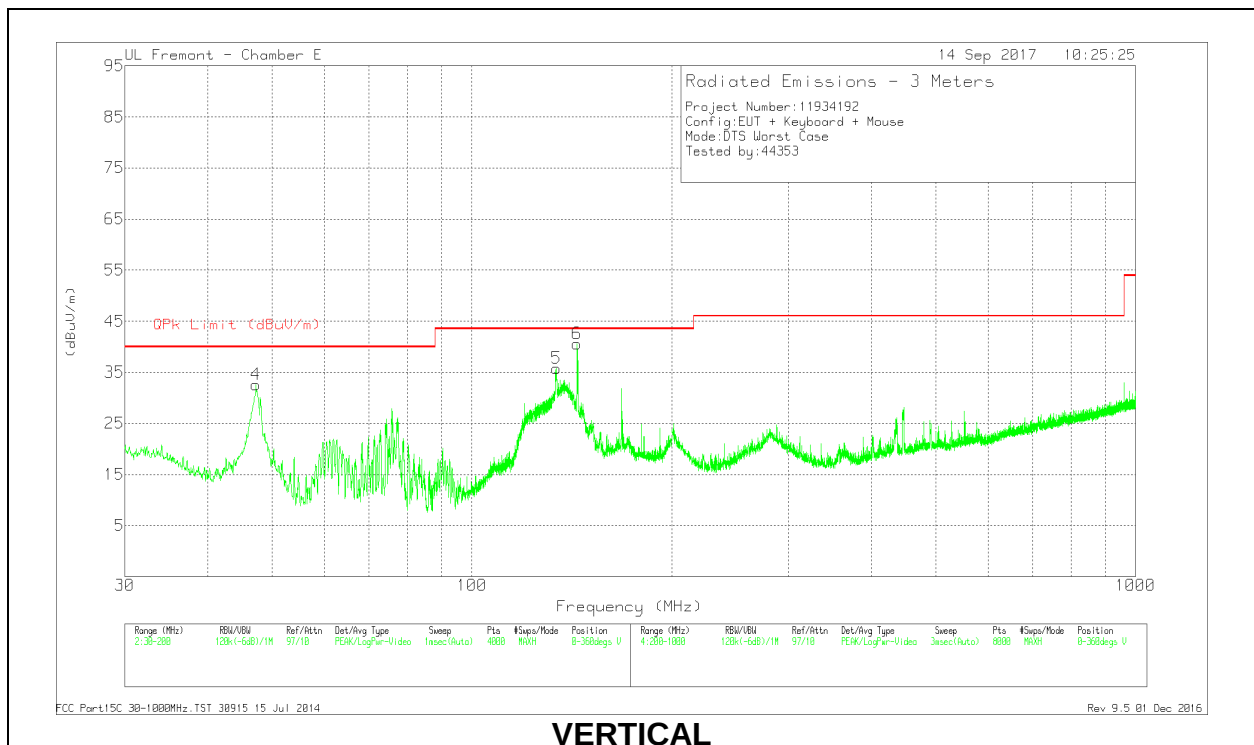
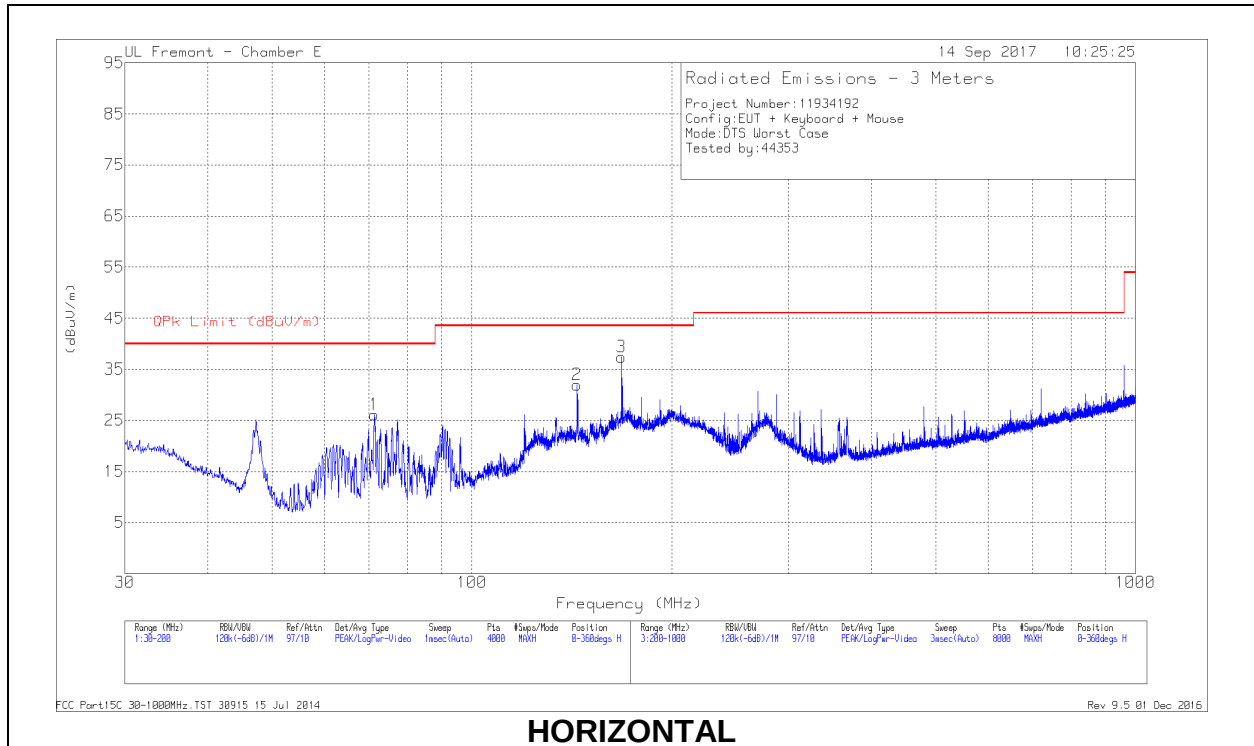
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.649	36.95	PK2	32.3	-18.9	0	50.35	-	-	-	-	212	100	V
2	3.292	40.33	PK2	32.9	-31	0	42.23	-	-	-	-	360	351	H
3	5.213	38.41	PK2	34.9	-29.6	0	43.71	-	-	-	-	102	101	H
4	* 4	40.62	PK2	33.7	-28.5	0	45.82	-	-	74	-28.18	356	101	V
	* 4	29.85	MAv1	33.7	-28.5	.23	35.28	54	-18.72	-	-	356	101	V
5	1.986	35.86	PK2	31.9	-19.7	0	48.06	-	-	-	-	288	100	H
6	9.989	35.11	PK2	37.5	-23.3	0	49.31	-	-	-	-	45	101	V

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

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

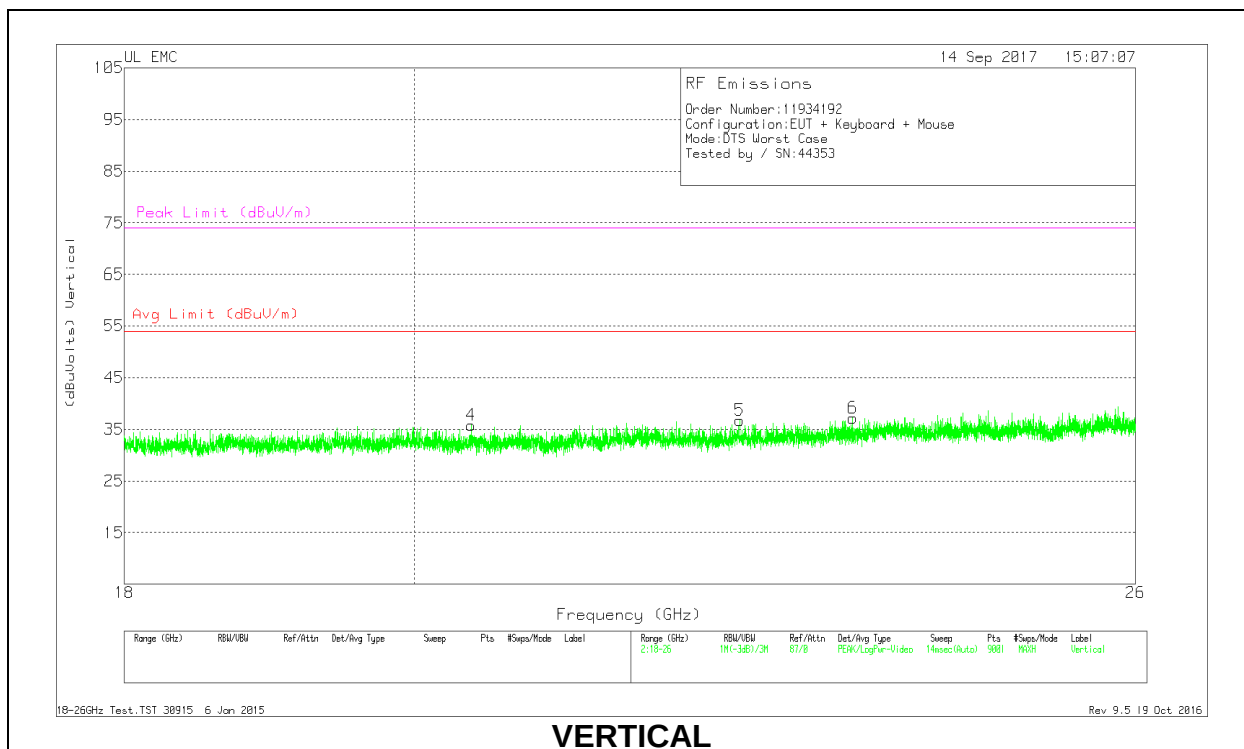
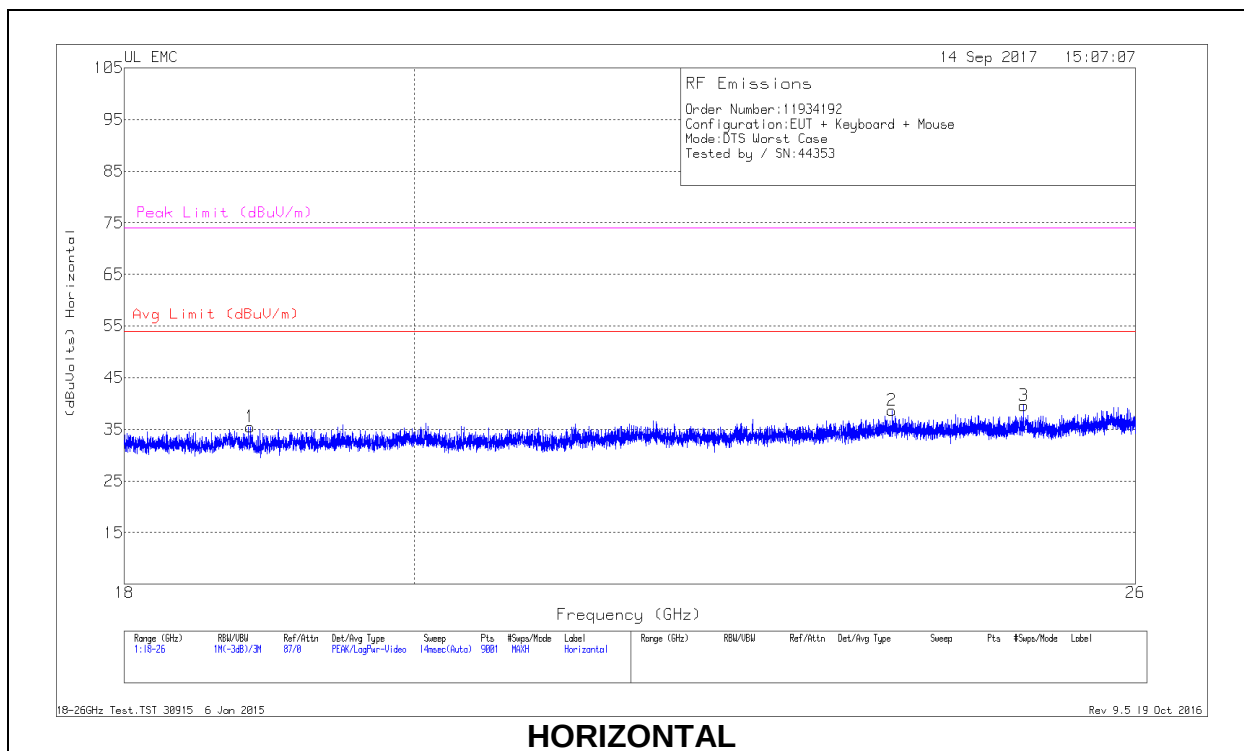
5.5. Worst Case Below 1 GHz



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 168.0332	52.25	Pk	15.4	-30.2	37.45	43.52	-6.07	0-360	200	H
5	* 134.1945	49.02	Pk	17.2	-30.5	35.72	43.52	-7.8	0-360	100	V
4	47.2595	51.64	Pk	12.4	-31.4	32.64	40	-7.36	0-360	100	V
1	71.2782	45.61	Pk	11.6	-31.1	26.11	40	-13.89	0-360	200	H
2	143.9295	45.51	Pk	16.8	-30.4	31.91	43.52	-11.61	0-360	200	H
6	144.0145	54.22	Pk	16.8	-30.4	40.62	43.52	-2.9	0-360	100	V

5.6. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T89 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	18.844	37.55	Pk	32.4	-25	-9.5	35.45	54	-18.55	74	-38.55
2	23.796	38.55	Pk	33.7	-24.1	-9.5	38.65	54	-15.35	74	-35.35
3	24.964	39.3	Pk	34.1	-24.3	-9.5	39.6	54	-14.4	74	-34.4
4	20.42	37.84	Pk	32.6	-25.2	-9.5	35.74	54	-18.26	74	-38.26
5	22.515	37.82	Pk	33.4	-25	-9.5	36.72	54	-17.28	74	-37.28
6	23.459	38.18	Pk	33.2	-24.7	-9.5	37.18	54	-16.82	74	-36.82

6. 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.

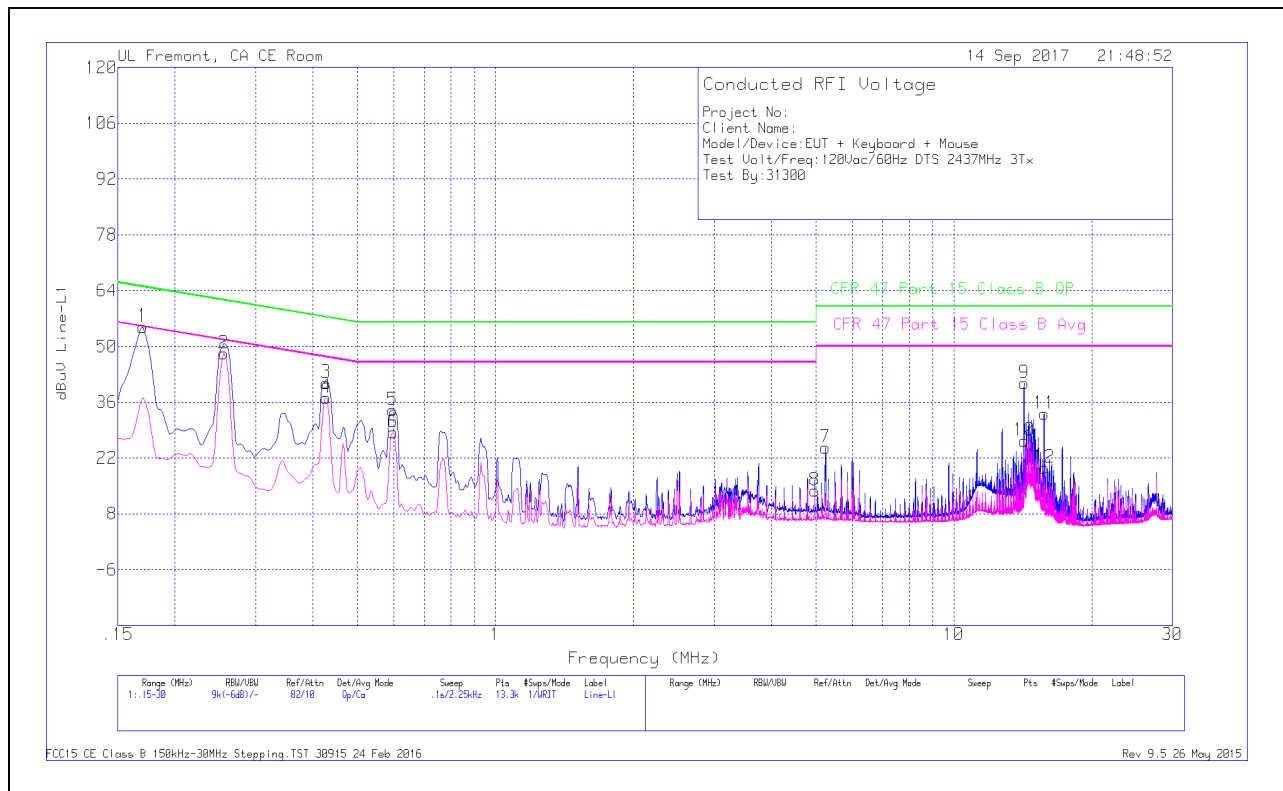
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

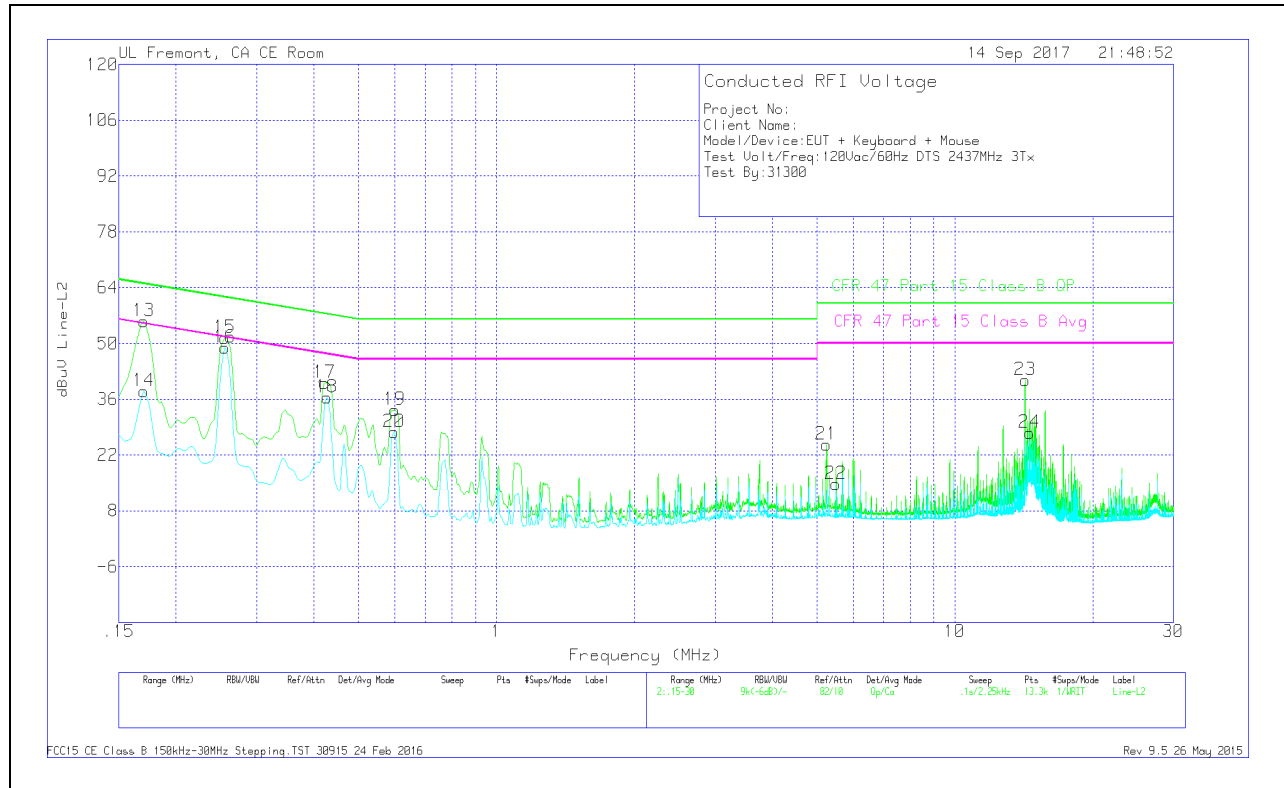
AC Power Line ACDC

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	.17025	44.75	Qp	0	.1	10.1	54.95	64.95	-10	-	-
2	.25575	38.11	Ca	0	.1	10.1	48.31	-	-	51.57	-3.26
3	.42675	30.67	Qp	0	.1	10.1	40.87	57.32	-16.45	-	-
4	.42675	27.02	Ca	0	.1	10.1	37.22	-	-	47.32	-10.1
5	.59662	23.75	Qp	0	.1	10.1	33.95	56	-22.05	-	-
6	.59775	18.29	Ca	0	.1	10.1	28.49	-	-	46	-17.51
7	5.25525	14.44	Qp	0	.1	10.1	24.64	60	-35.36	-	-
8	4.974	3.72	Ca	0	.1	10.1	13.92	-	-	46	-32.08
9	14.262	30.22	Qp	.1	.2	10.2	40.72	60	-19.28	-	-
10	14.262	15.79	Ca	.1	.2	10.2	26.29	-	-	50	-23.71
11	15.7628	22.64	Qp	0	.2	10.3	33.14	60	-26.86	-	-
12	15.7628	9.05	Ca	0	.2	10.3	19.55	-	-	50	-30.45

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	.17025	45.44	Qp	0	.1	10.1	55.64	64.95	-9.31	-	-
14	.17025	27.76	Ca	0	.1	10.1	37.96	-	-	54.95	-16.99
15	.25575	41.24	Qp	0	.1	10.1	51.44	61.57	-10.13	-	-
16	.25575	38.7	Ca	0	.1	10.1	48.9	-	-	51.57	-2.67
17	.42225	29.97	Qp	0	.1	10.1	40.17	57.4	-17.23	-	-
18	.42675	26.23	Ca	0	.1	10.1	36.43	-	-	47.32	-10.89
19	.6	23.08	Qp	0	.1	10.1	33.28	56	-22.72	-	-
20	.59775	17.53	Ca	0	.1	10.1	27.73	-	-	46	-18.27
21	5.25525	14.47	Qp	0	.1	10.1	24.67	60	-35.33	-	-
22	5.50725	4.59	Ca	0	.1	10.1	14.79	-	-	50	-35.21
23	14.262	30.25	Qp	.1	.2	10.2	40.75	60	-19.25	-	-
24	14.568	17.12	Ca	.1	.2	10.2	27.62	-	-	50	-22.38

END OF REPORT