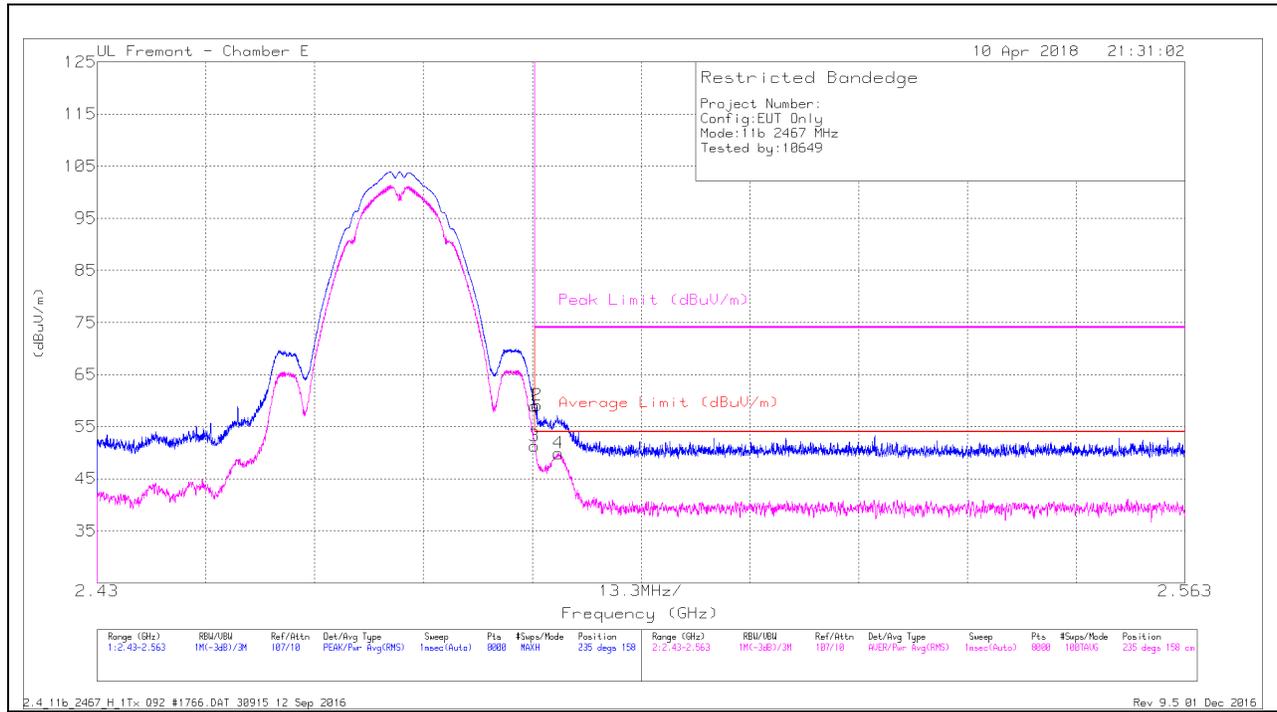


**BANDEDGE (HIGH CHANNEL 12)**

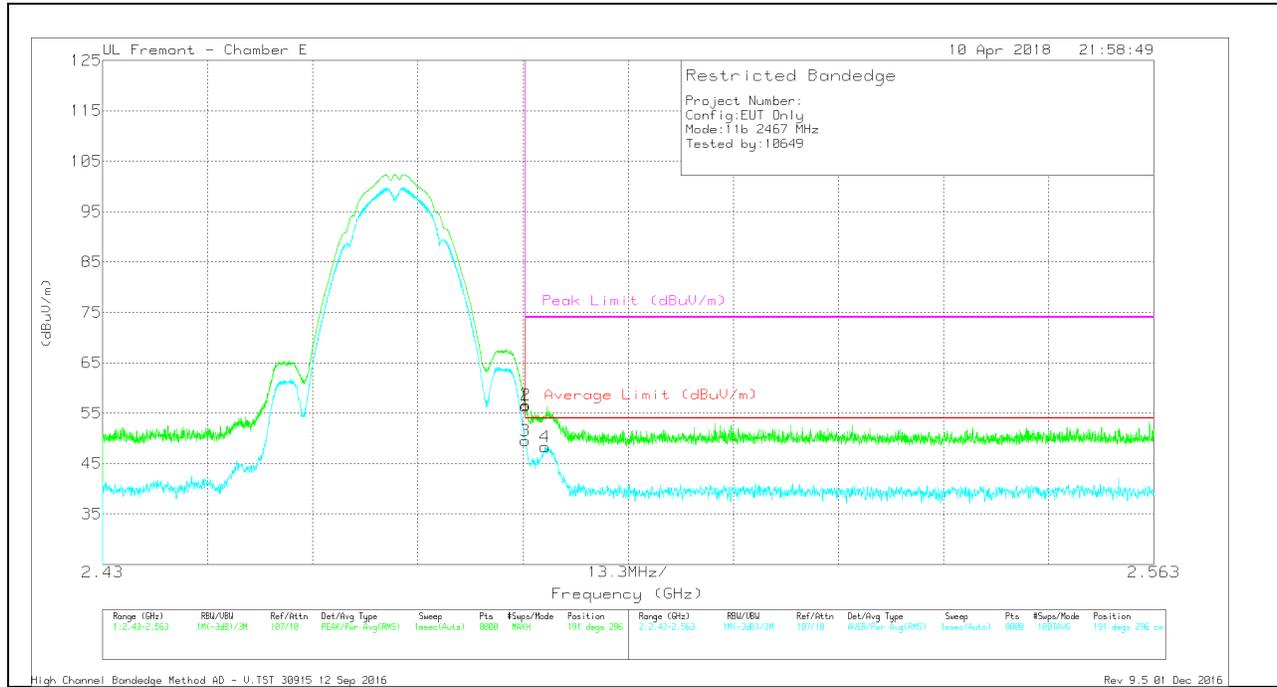
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fltr/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	49.17	Pk	32.1	-22.3	58.97	-	-	74	-15.03	235	158	H
2	* 2.484	49.31	Pk	32.1	-22.3	59.11	-	-	74	-14.89	235	158	H
3	* 2.484	41.53	RMS	32.1	-22.3	51.33	54	-2.67	-	-	235	158	H
4	* 2.486	40.16	RMS	32.1	-22.4	49.86	54	-4.14	-	-	235	158	H

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

### VERTICAL RESULT

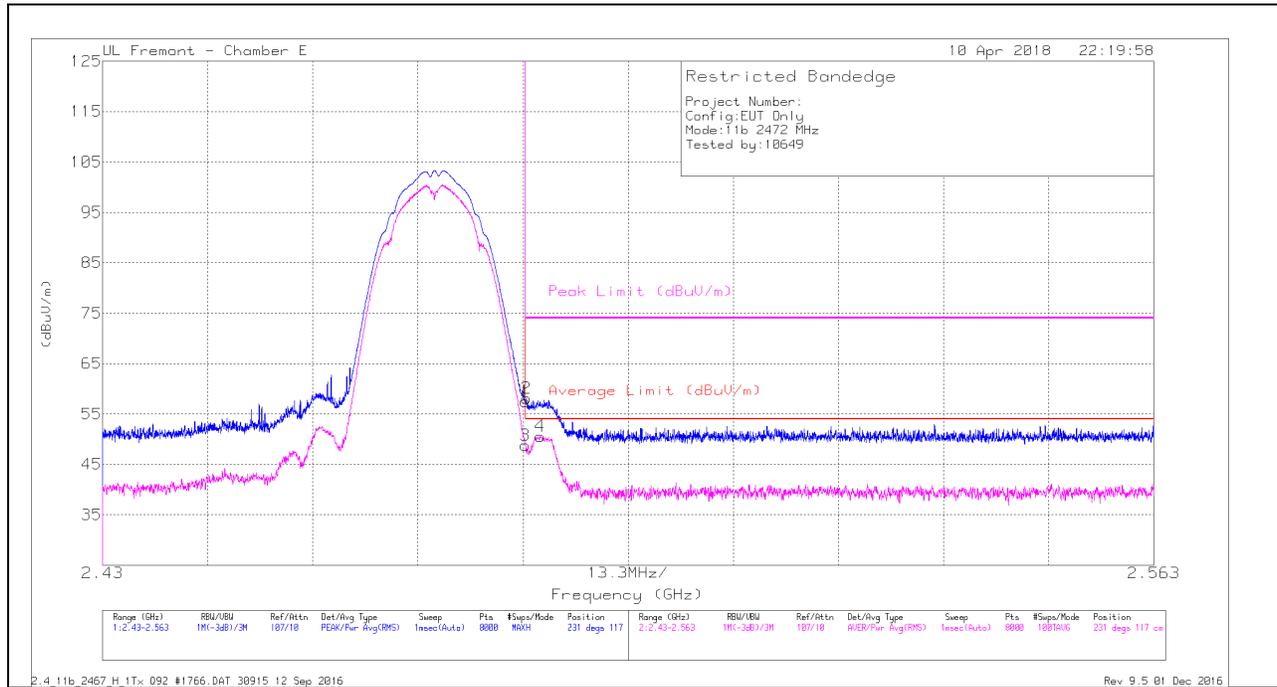


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.59	Pk	32.1	-22.3	56.39	-	-	74	-17.61	191	296	V
2	* 2.484	46.87	Pk	32.1	-22.3	56.67	-	-	74	-17.33	191	296	V
3	* 2.484	39.69	RMS	32.1	-22.3	49.49	54	-4.51	-	-	191	296	V
4	* 2.486	38.64	RMS	32.1	-22.4	48.34	54	-5.66	-	-	191	296	V

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

**BANEDGE (HIGH CHANNEL 13)**

**HORIZONTAL RESULT**



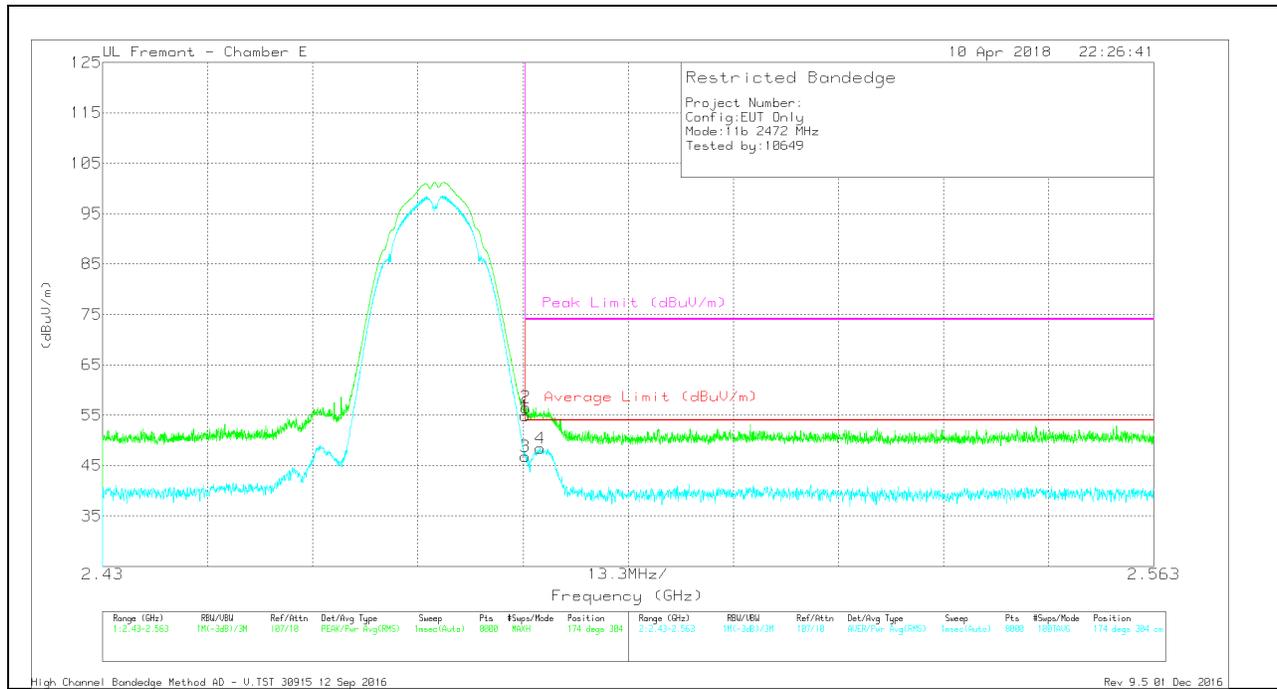
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.65	Pk	32.1	-22.3	57.45	-	-	74	-16.55	231	117	H
2	* 2.484	48.31	Pk	32.1	-22.3	58.11	-	-	74	-15.89	231	117	H
3	* 2.484	39.01	RMS	32.1	-22.3	48.81	54	-5.19	-	-	231	117	H
4	* 2.485	40.9	RMS	32.1	-22.4	50.6	54	-3.4	-	-	231	117	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



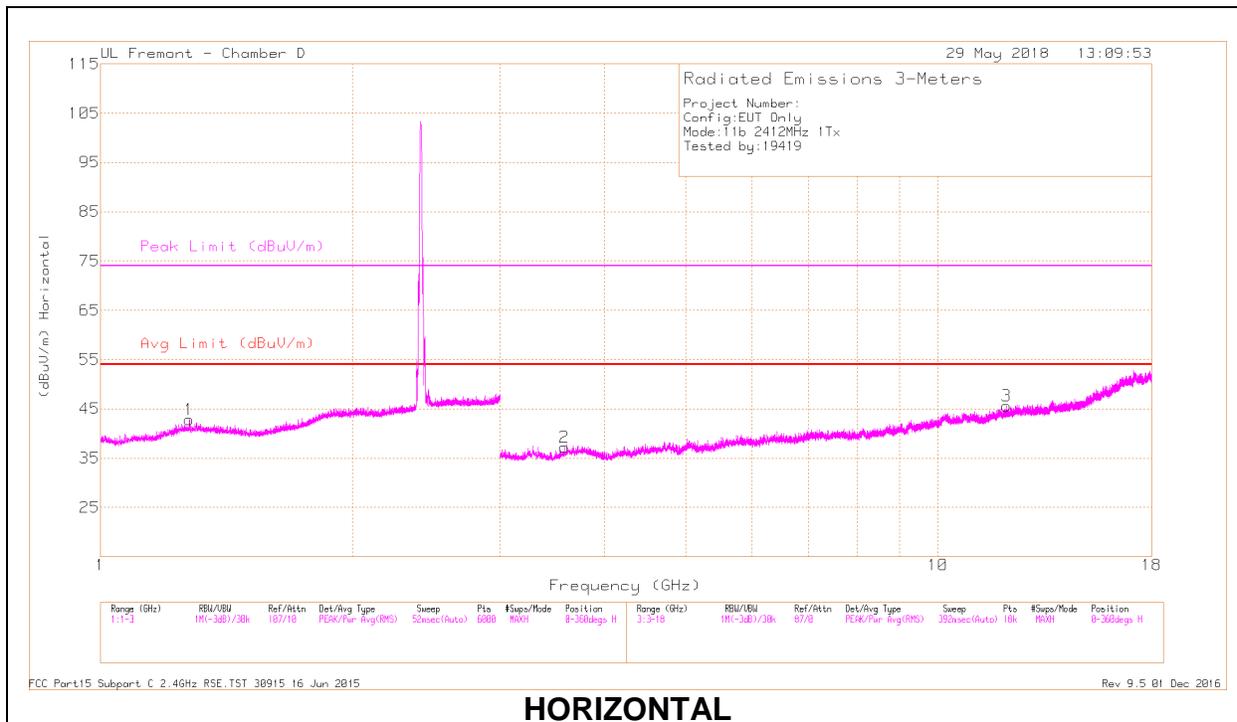
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.09	Pk	32.1	-22.3	54.89	-	-	74	-19.11	174	304	V
2	* 2.484	46.76	Pk	32.1	-22.3	56.56	-	-	74	-17.44	174	304	V
3	* 2.484	37.01	RMS	32.1	-22.3	46.81	54	-7.19	-	-	174	304	V
4	* 2.485	38.74	RMS	32.1	-22.4	48.44	54	-5.56	-	-	174	304	V

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

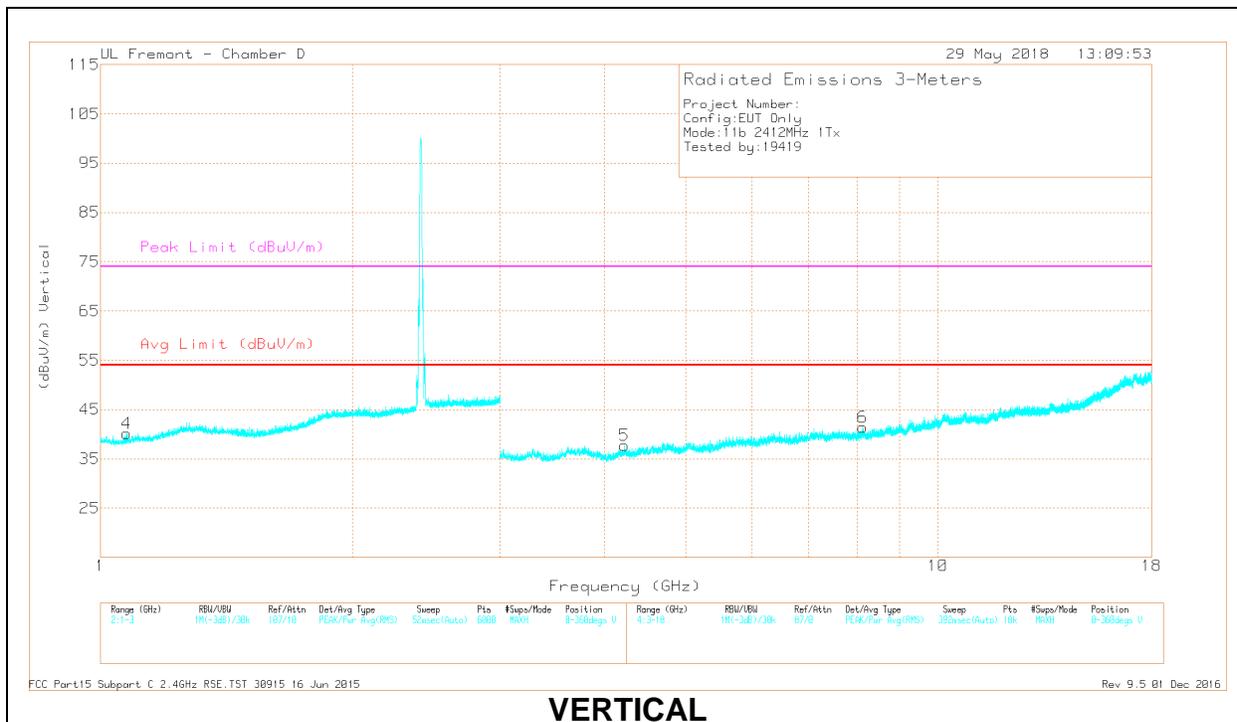
**1TX Antenna 4**

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

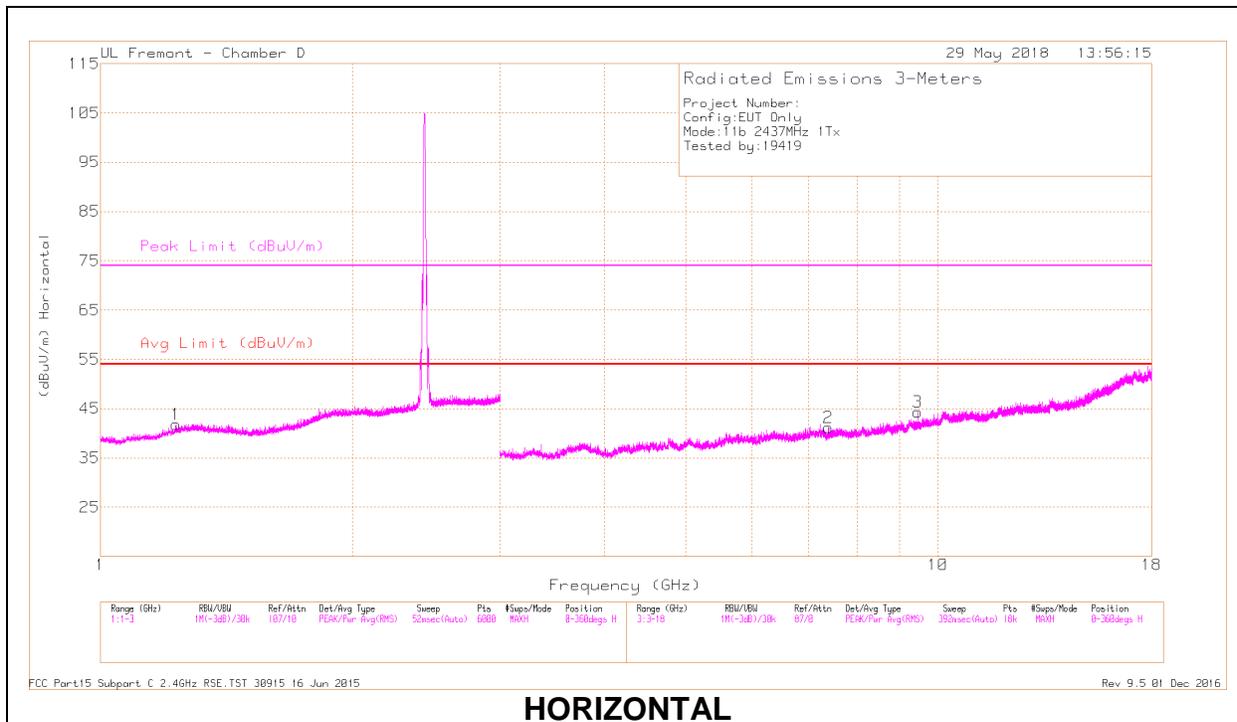
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.266	42.17	PK2	29.1	-22	49.27	-	-	74	-24.73	225	113	H
	* 1.263	29.92	MAv1	29.1	-22	37.02	54	-16.98	-	-	225	113	H
4	* 1.077	42.04	PK2	27.1	-22.3	46.84	-	-	74	-27.16	114	237	V
	* 1.076	29.97	MAv1	27.1	-22.4	34.67	54	-19.33	-	-	114	237	V
2	* 3.577	38.81	PK2	33.4	-28	44.21	-	-	74	-29.79	286	269	H
	* 3.573	26.46	MAv1	33.4	-28	31.86	54	-22.14	-	-	286	269	H
3	* 12.063	33.3	PK2	38.9	-20.5	51.7	-	-	74	-22.3	346	115	H
	* 12.063	21.89	MAv1	38.9	-20.5	40.29	54	-13.71	-	-	346	115	H
5	* 4.211	36.91	PK2	33.7	-27.3	43.31	-	-	74	-30.69	112	196	V
	* 4.214	25.3	MAv1	33.8	-27.2	31.9	54	-22.1	-	-	112	196	V
6	* 8.141	35.28	PK2	35.8	-22.5	48.58	-	-	74	-25.42	224	138	V
	* 8.124	23.22	MAv1	35.8	-22.5	36.52	54	-17.48	-	-	224	138	V

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

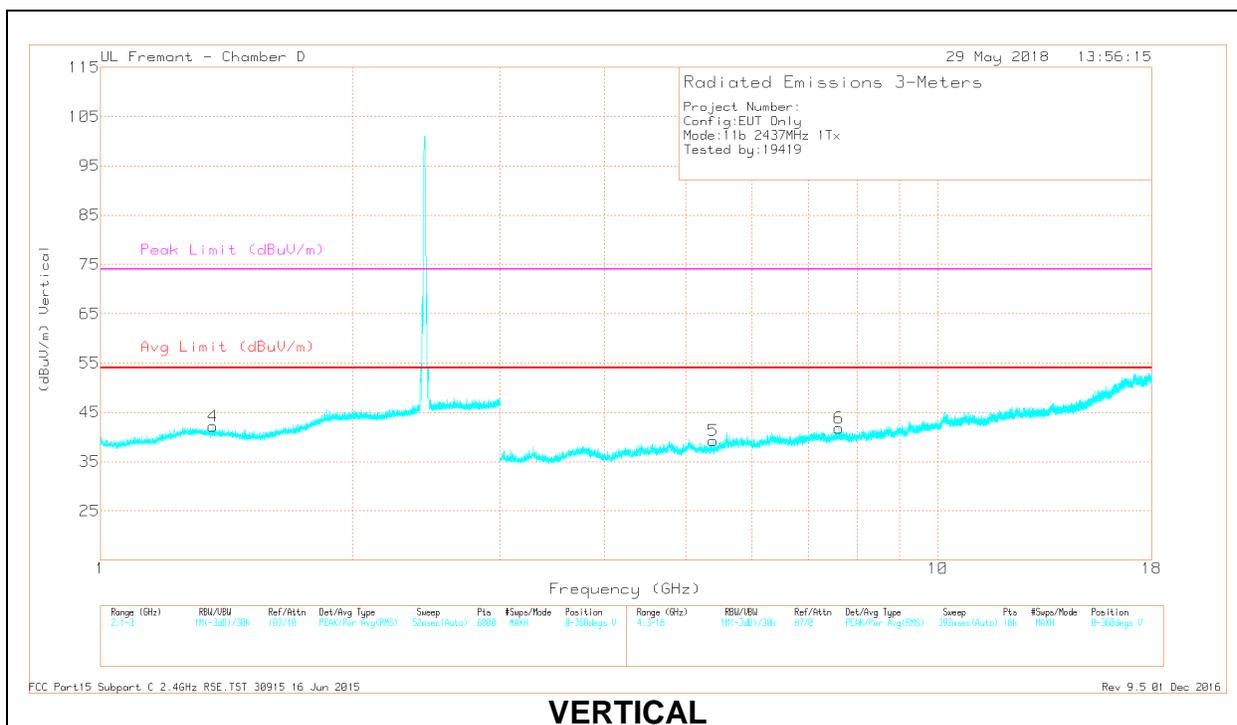
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

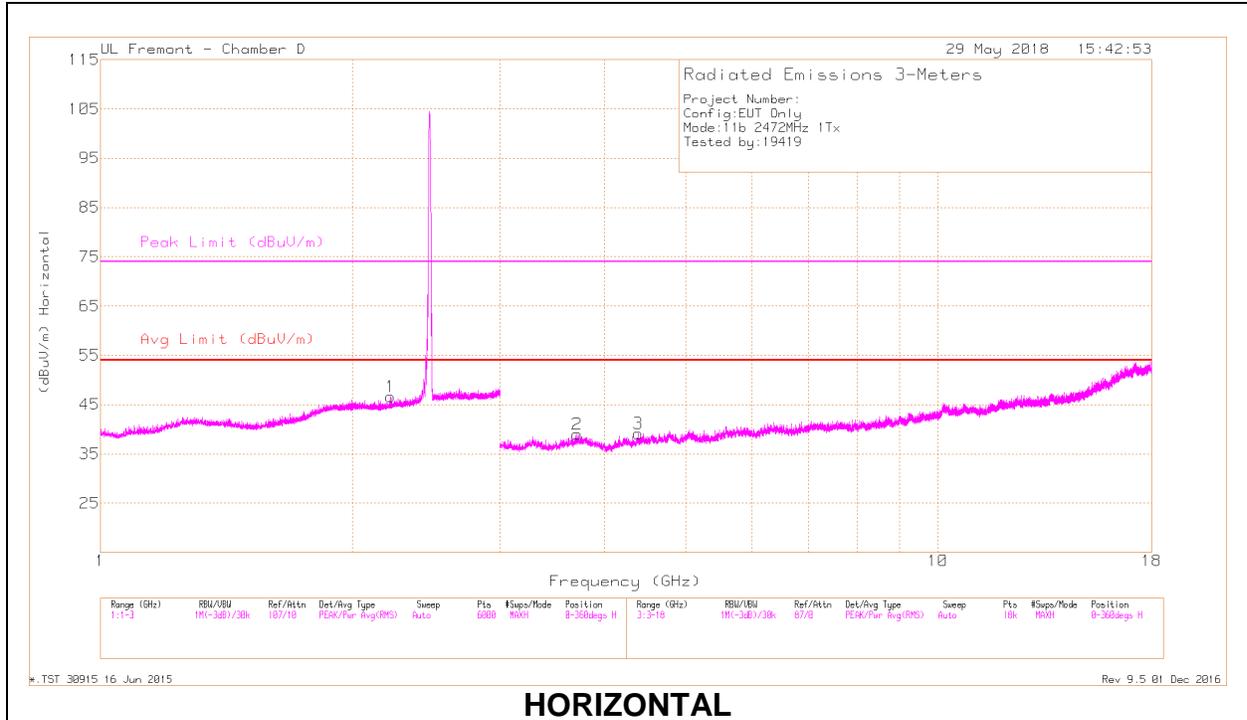
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.22	41.99	PK2	28.6	-22.1	48.49	-	-	74	-25.51	152	239	H
	* 1.241	29.87	MAv1	28.9	-22.1	36.67	54	-17.33	-	-	152	239	H
4	* 1.36	42.78	PK2	28.8	-21.9	49.68	-	-	74	-24.32	170	377	V
	* 1.368	29.75	MAv1	28.8	-21.9	36.65	54	-17.35	-	-	170	377	V
2	* 7.385	36.32	PK2	36.2	-24.7	47.82	-	-	74	-26.18	294	350	H
	* 7.39	24.05	MAv1	36.2	-24.5	35.75	54	-18.25	-	-	294	350	H
3	* 9.463	33.08	PK2	36.6	-20.9	48.78	-	-	74	-25.22	217	313	H
	* 9.449	21.79	MAv1	36.6	-20.9	37.49	54	-16.51	-	-	217	313	H
5	* 5.386	37.34	PK2	34.9	-27.3	44.94	-	-	74	-29.06	291	329	V
	* 5.383	25.56	MAv1	34.9	-27.2	33.26	54	-20.74	-	-	291	329	V
6	* 7.608	36.03	PK2	36.3	-24.4	47.93	-	-	74	-26.07	95	228	V
	* 7.604	23.99	MAv1	36.3	-24.4	35.89	54	-18.11	-	-	95	228	V

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

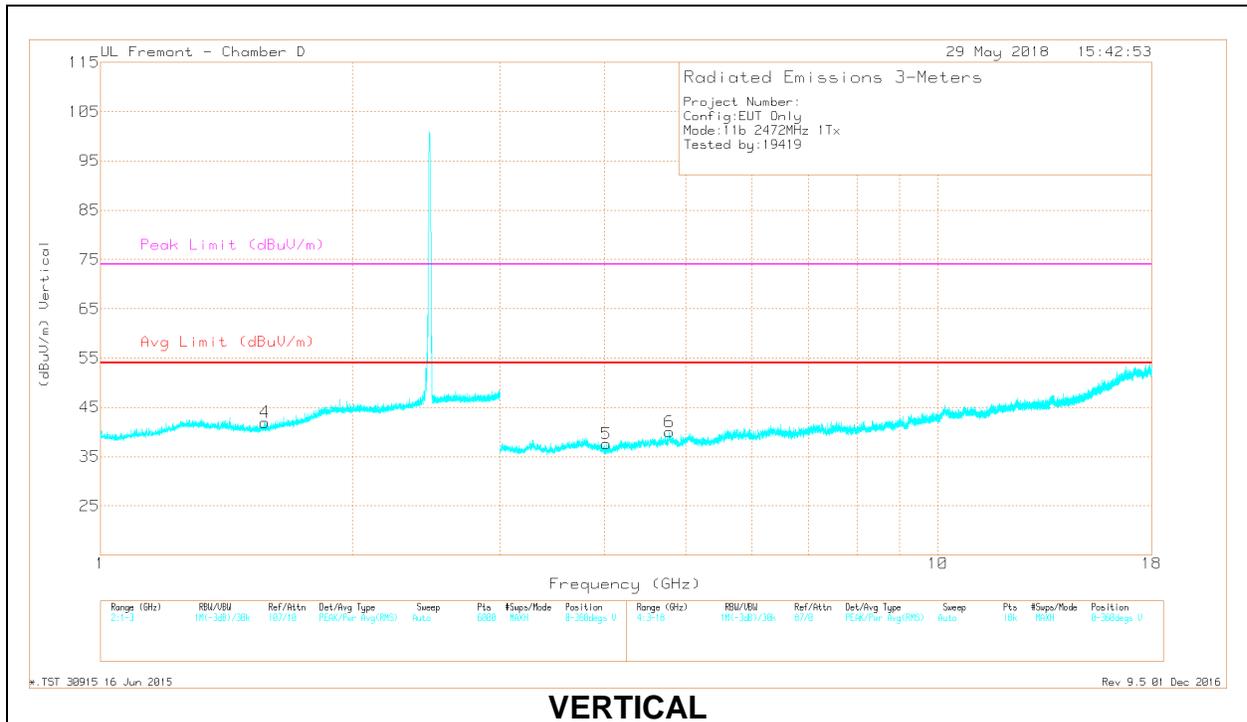
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 13 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Prod (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.23	42.02	PK2	31.4	-20.7	52.72	-	-	74	-21.28	44	248	H
	* 2.23	30.01	MAv1	31.4	-20.7	40.71	54	-13.29	-	-	44	248	H
4	* 1.559	42.26	PK2	28	-21.6	48.66	-	-	74	-25.34	118	256	V
	* 1.579	30.06	MAv1	28.2	-21.6	36.66	54	-17.34	-	-	118	256	V
2	* 3.723	38.63	PK2	33.4	-28.5	43.53	-	-	74	-30.47	110	180	H
	* 3.714	27.04	MAv1	33.4	-28.5	31.94	54	-22.06	-	-	110	180	H
3	* 4.391	37.85	PK2	34.1	-27.7	44.25	-	-	74	-29.75	8	141	H
	* 4.387	25.9	MAv1	34.1	-27.7	32.3	54	-21.7	-	-	8	141	H
5	* 4.005	37.61	PK2	33.6	-28.4	42.81	-	-	74	-31.19	152	301	V
	* 4.003	25.96	MAv1	33.6	-28.3	31.26	54	-22.74	-	-	152	301	V
6	* 4.773	37.56	PK2	34.5	-26.3	45.76	-	-	74	-28.24	37	239	V
	* 4.777	25.89	MAv1	34.5	-26.2	34.19	54	-19.81	-	-	37	239	V

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

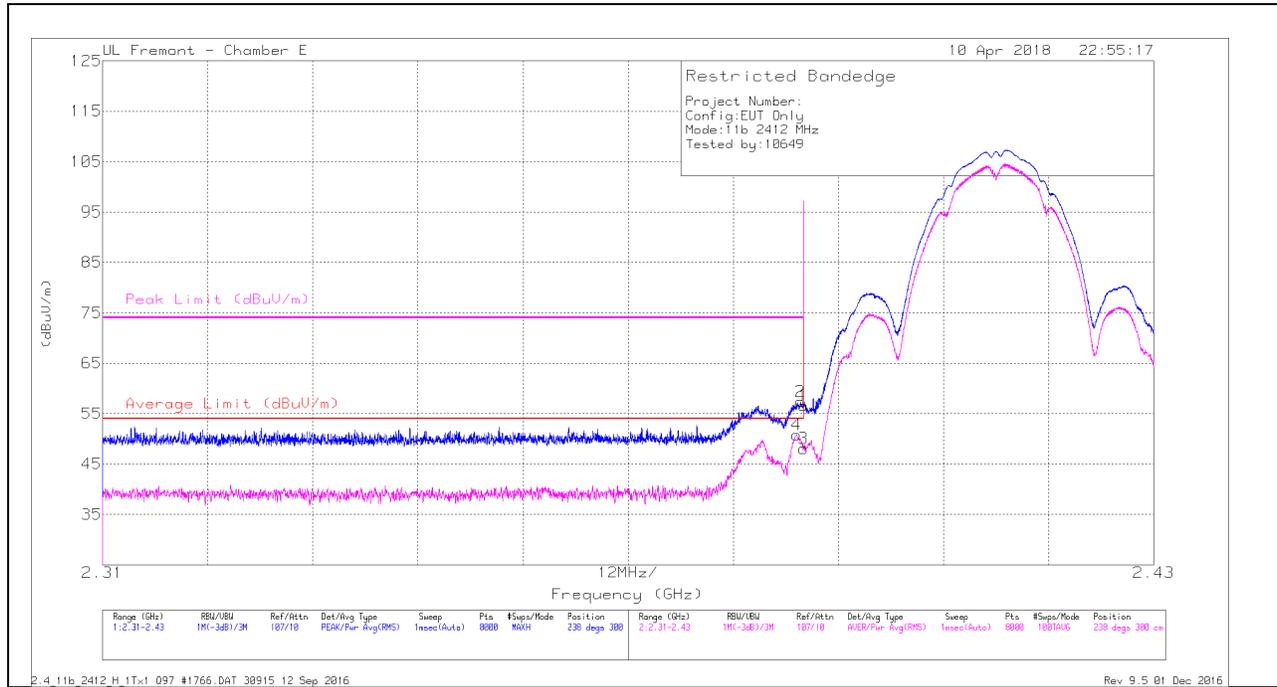
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

**1TX Antenna 3**

**BANEDGE (LOW CHANNEL 1)**

**HORIZONTAL RESULT**



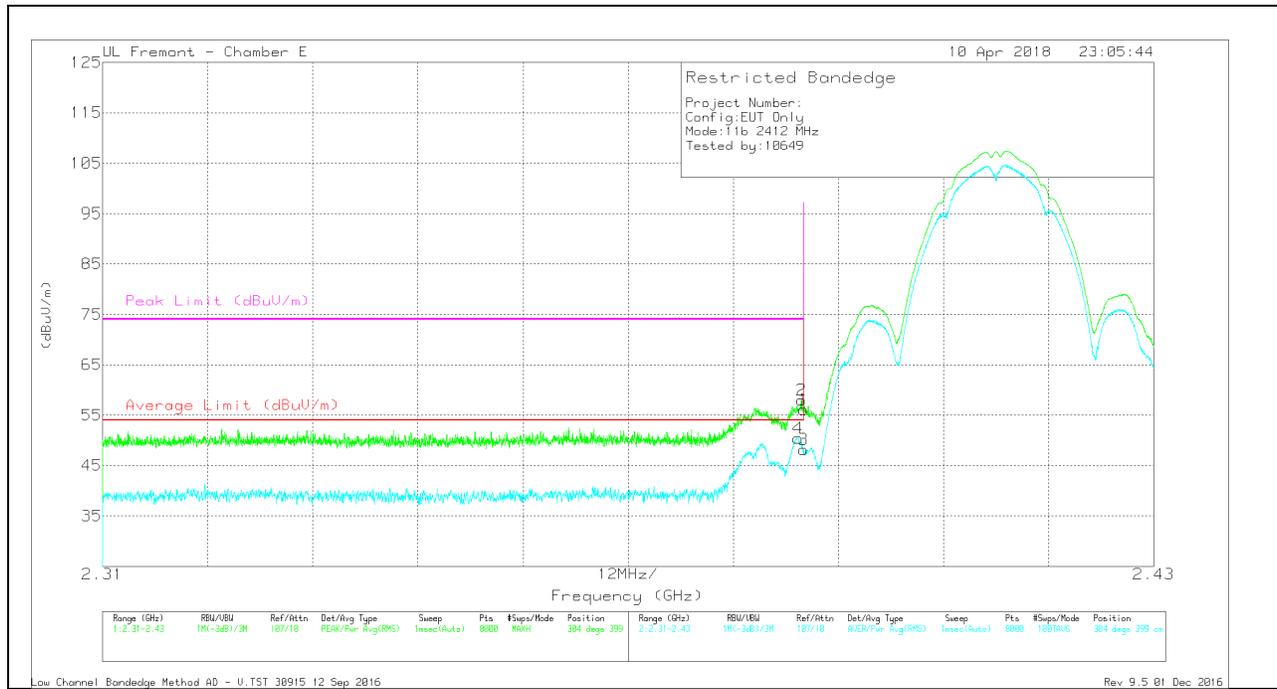
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.25	Pk	32	-22.6	56.65	-	-	74	-17.35	238	300	H
2	* 2.39	47.93	Pk	32	-22.6	57.33	-	-	74	-16.67	238	300	H
3	* 2.39	38.6	RMS	32	-22.6	48	54	-6	-	-	238	300	H
4	* 2.389	41.51	RMS	31.9	-22.6	50.81	54	-3.19	-	-	238	300	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/Cb1/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.76	Pk	32	-22.6	56.16	-	-	74	-17.84	304	399	V
2	* 2.39	48.54	Pk	32	-22.6	57.94	-	-	74	-16.06	304	399	V
3	* 2.39	38.79	RMS	32	-22.6	48.19	54	-5.81	-	-	304	399	V
4	* 2.389	41.07	RMS	32	-22.6	50.47	54	-3.53	-	-	304	399	V

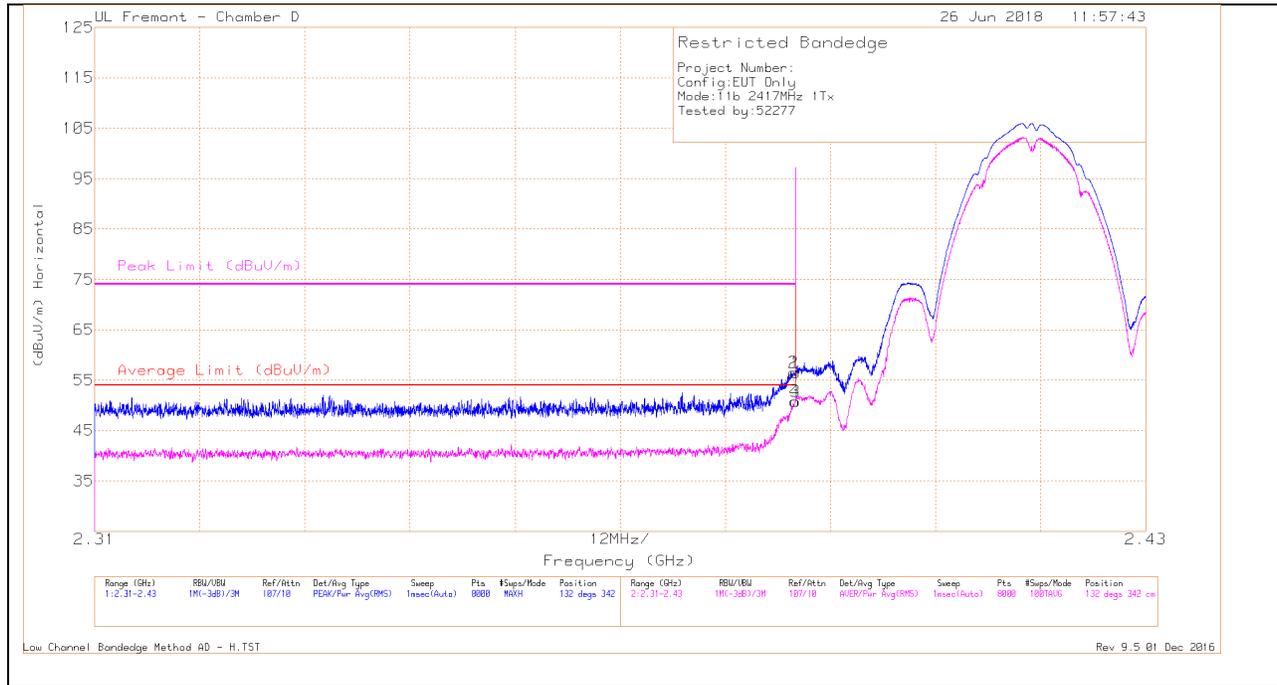
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (LOW CHANNEL 2)**

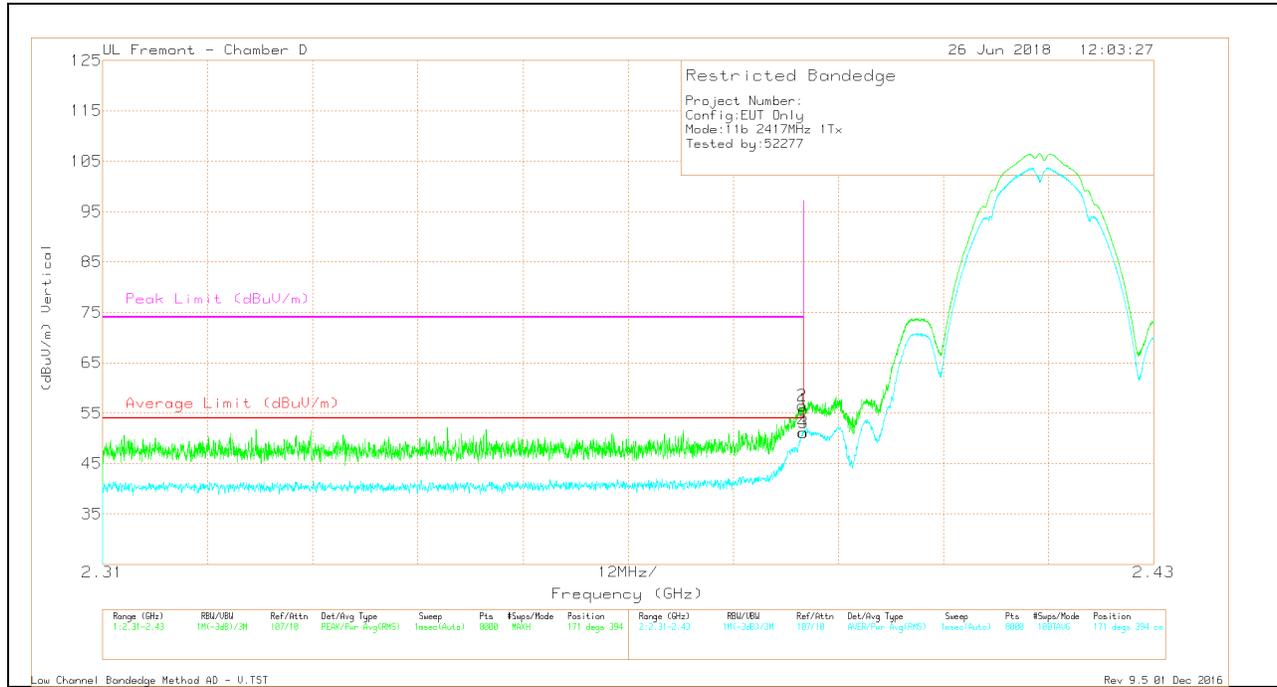
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.93	Pk	32.1	-20.5	56.53	-	-	74	-17.47	132	342	H
2	* 2.39	44.95	Pk	32.1	-20.5	56.55	-	-	74	-17.45	132	342	H
3	* 2.39	39.18	RMS	32.1	-20.5	50.78	54	-3.22	-	-	132	342	H
4	* 2.39	39.17	RMS	32.1	-20.5	50.77	54	-3.23	-	-	132	342	H

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

### VERTICAL RESULT

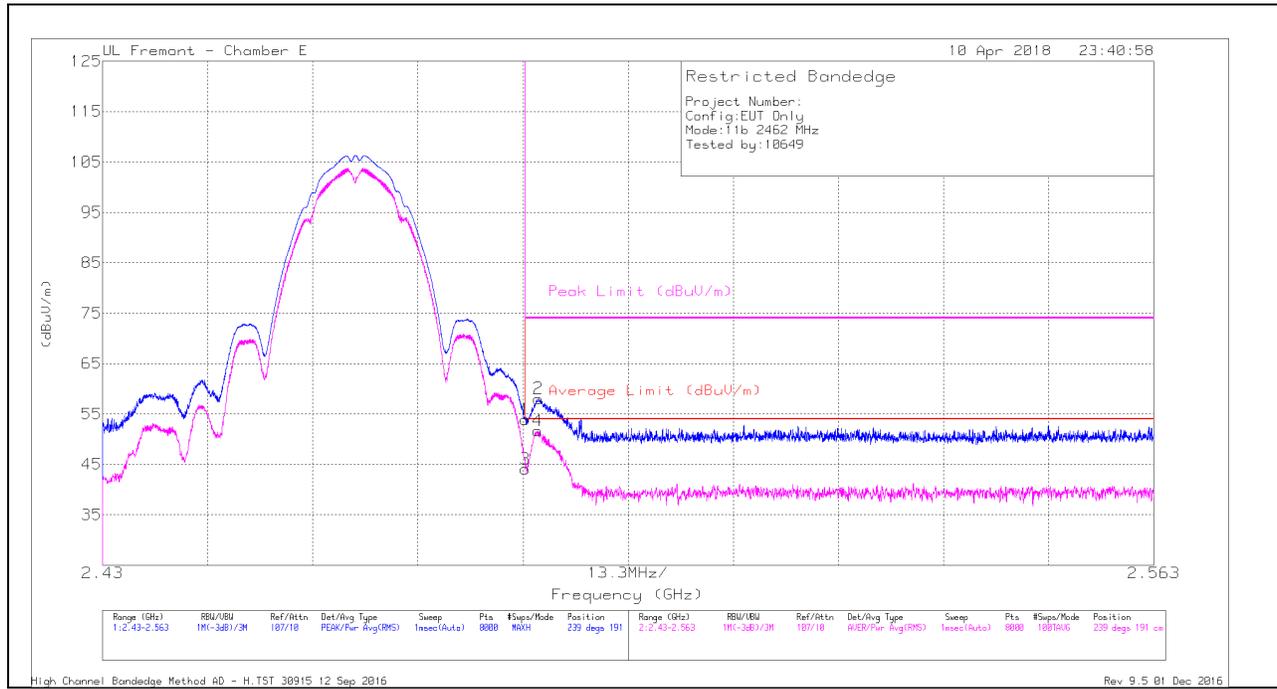


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.1	Pk	32.1	-20.5	55.7	-	-	74	-18.3	171	394	V
2	* 2.39	44.85	Pk	32.1	-20.5	56.45	-	-	74	-17.55	171	394	V
3	* 2.39	39.56	RMS	32.1	-20.5	51.16	54	-2.84	-	-	171	394	V
4	* 2.39	39.62	RMS	32.1	-20.5	51.22	54	-2.78	-	-	171	394	V

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

**BANDEDGE (HIGH CHANNEL 11)**

**HORIZONTAL RESULT**



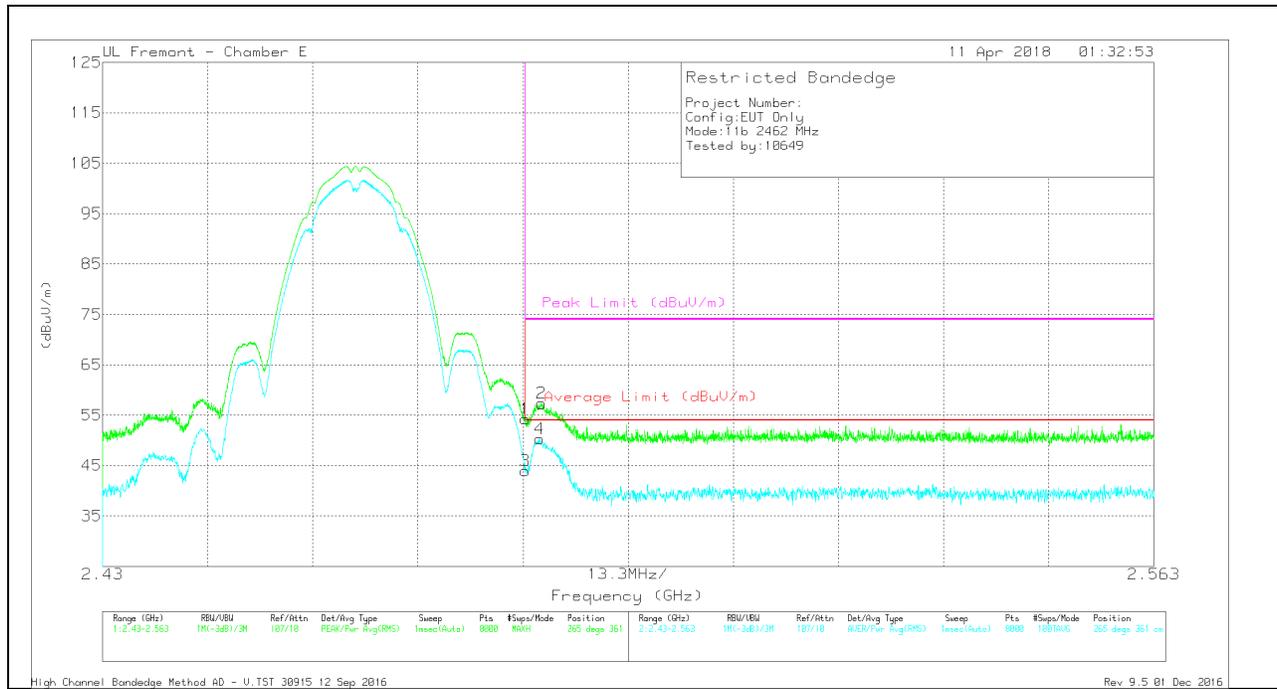
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.13	Pk	32.1	-22.3	53.93	-	-	74	-20.07	239	191	H
2	* 2.485	48.35	Pk	32.1	-22.4	58.05	-	-	74	-15.95	239	191	H
3	* 2.484	34.33	RMS	32.1	-22.3	44.13	54	-9.87	-	-	239	191	H
4	* 2.485	42.01	RMS	32.1	-22.4	51.71	54	-2.29	-	-	239	191	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

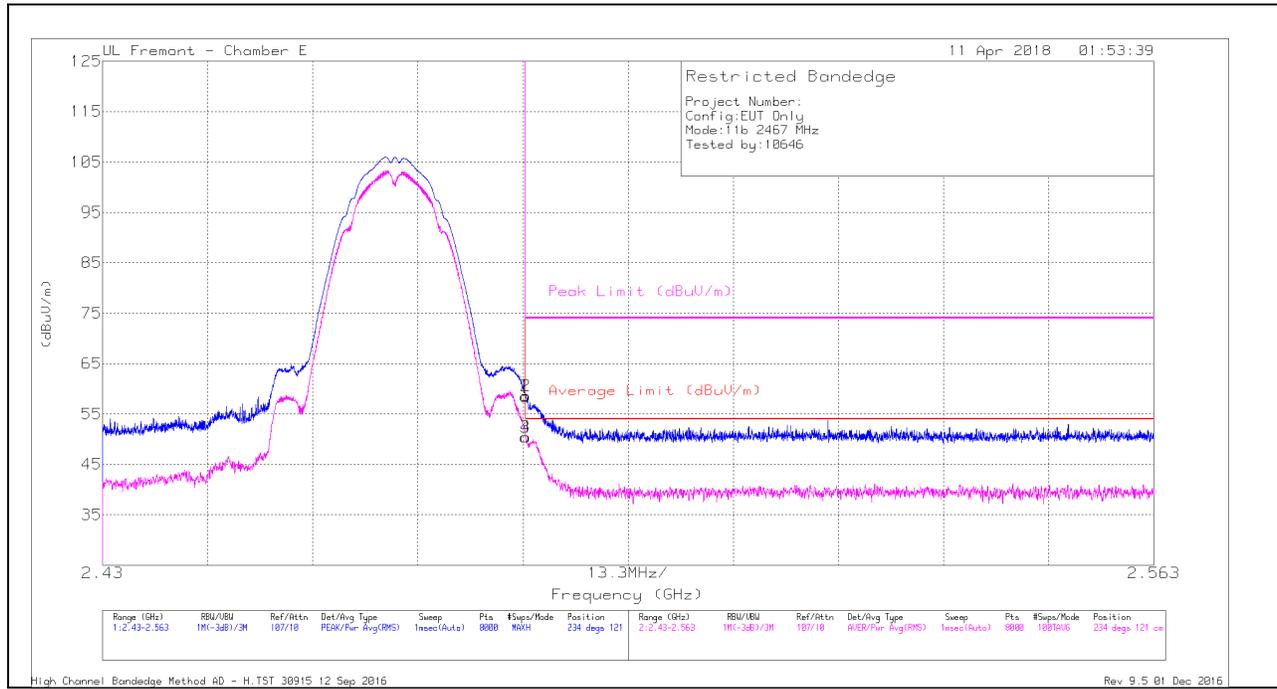


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.41	Pk	32.1	-22.3	54.21	-	-	74	-19.79	265	361	V
2	* 2.486	47.61	Pk	32.1	-22.4	57.31	-	-	74	-16.69	265	361	V
3	* 2.484	34.17	RMS	32.1	-22.3	43.97	54	-10.03	-	-	265	361	V
4	* 2.485	40.62	RMS	32.1	-22.4	50.32	54	-3.68	-	-	265	361	V

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

**BANDEDGE (HIGH CHANNEL 12)**

**HORIZONTAL RESULT**



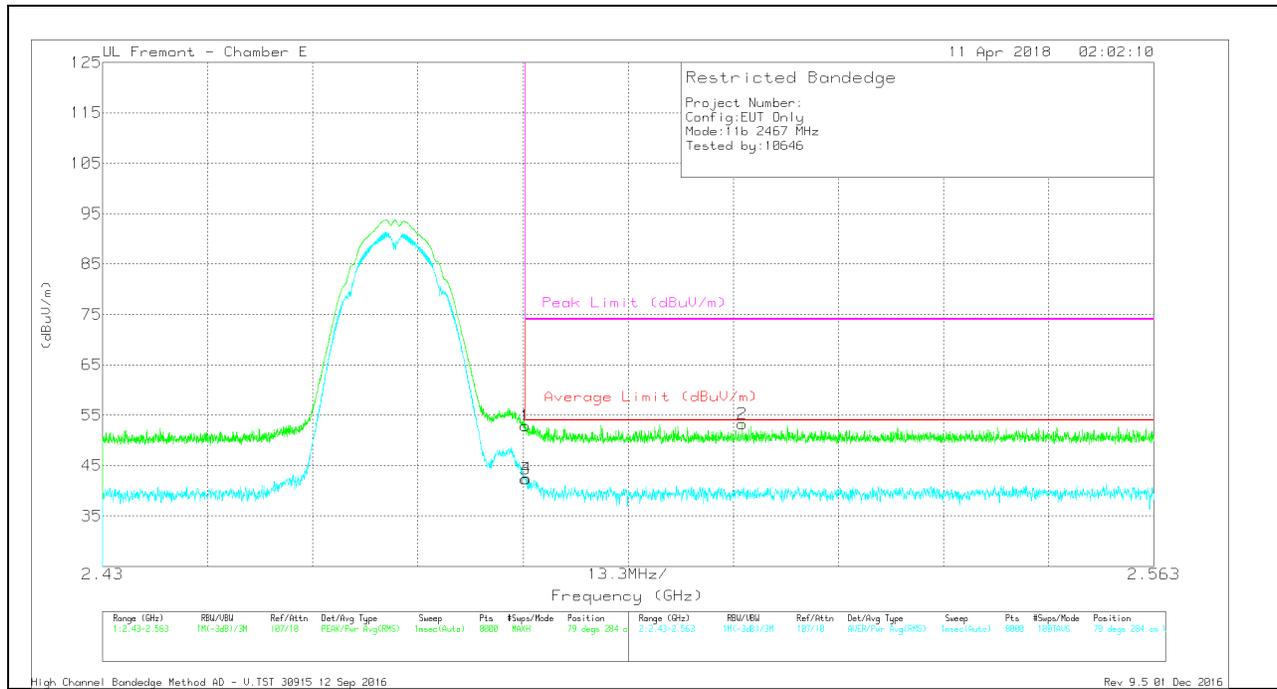
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.71	Pk	32.1	-22.3	58.51	-	-	74	-15.49	234	121	H
2	* 2.484	48.76	Pk	32.1	-22.3	58.56	-	-	74	-15.44	234	121	H
3	* 2.484	40.63	RMS	32.1	-22.3	50.43	54	-3.57	-	-	234	121	H
4	* 2.484	40.57	RMS	32.1	-22.3	50.37	54	-3.63	-	-	234	121	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/Cb/Fltr/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	43.11	Pk	32.1	-22.3	52.91	-	-	74	-21.09	79	284	V
2	2.511	43.52	Pk	32.1	-22.3	53.32	-	-	74	-20.68	79	284	V
3	* 2.484	32.55	RMS	32.1	-22.3	42.35	54	-11.65	-	-	79	284	V
4	* 2.484	32.61	RMS	32.1	-22.3	42.41	54	-11.59	-	-	79	284	V

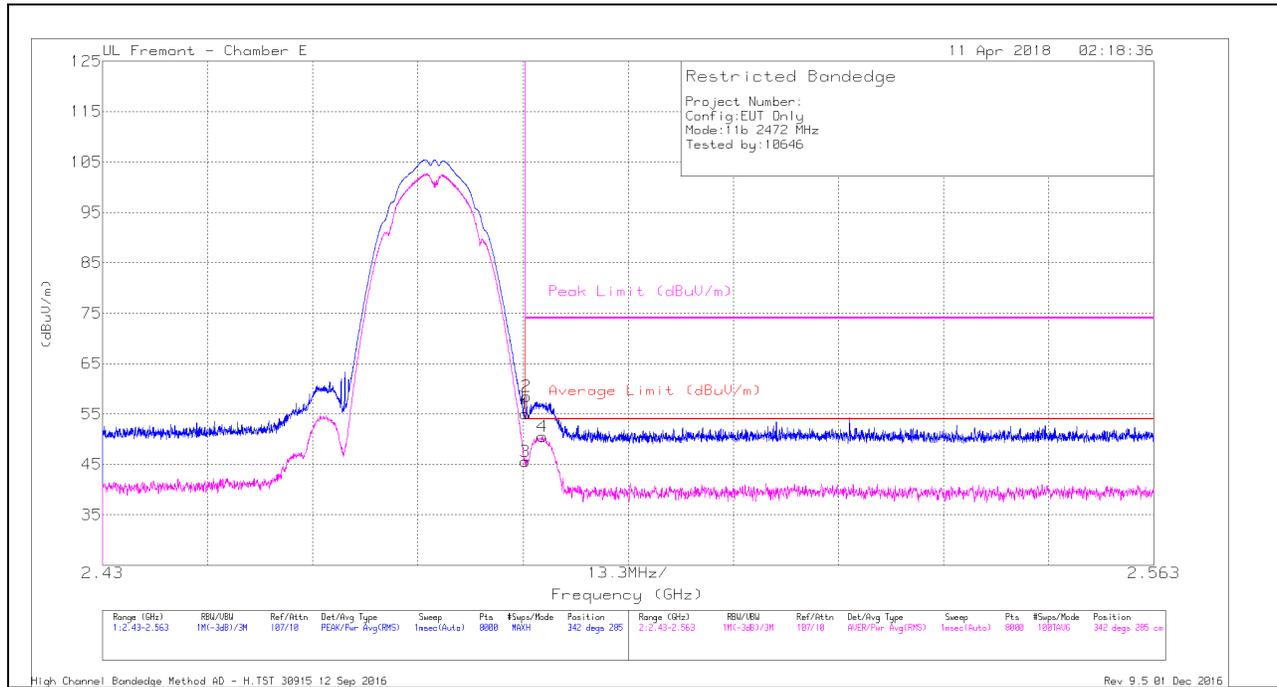
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 13)**

**HORIZONTAL RESULT**



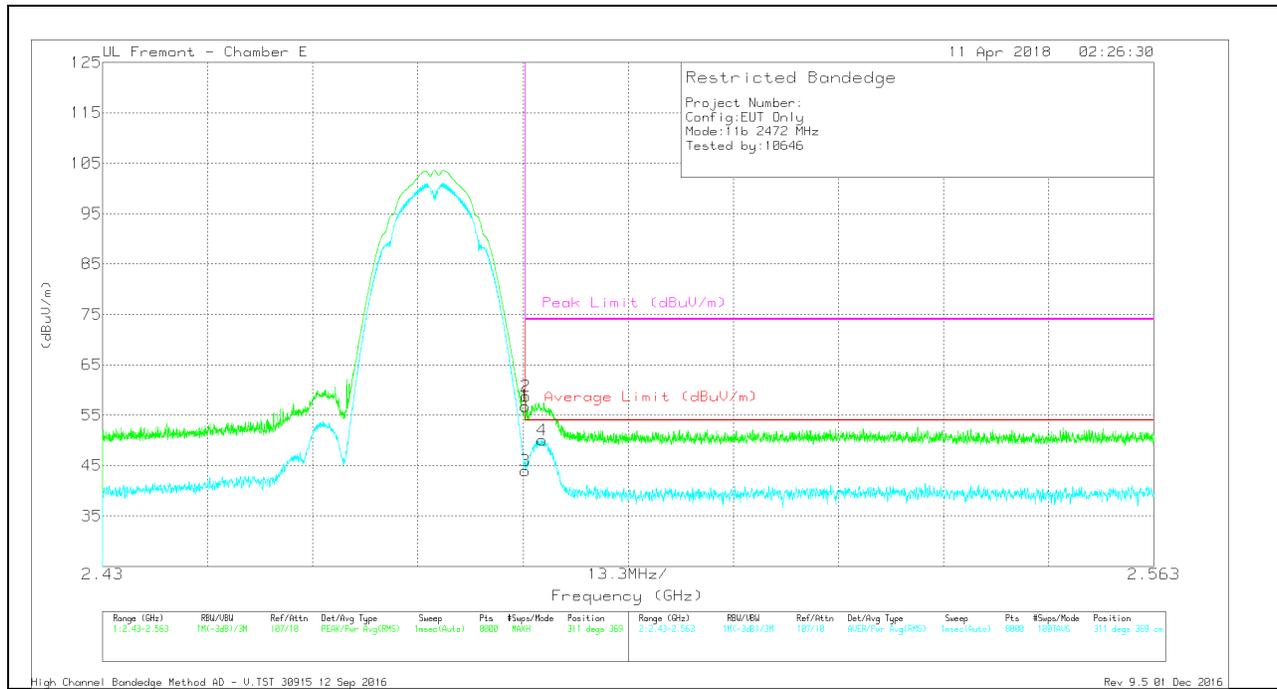
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.26	Pk	32.1	-22.3	55.06	-	-	74	-18.94	342	285	H
2	* 2.484	48.69	Pk	32.1	-22.3	58.49	-	-	74	-15.51	342	285	H
3	* 2.484	35.83	RMS	32.1	-22.3	45.63	54	-8.37	-	-	342	285	H
4	* 2.486	40.82	RMS	32.1	-22.4	50.52	54	-3.48	-	-	342	285	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



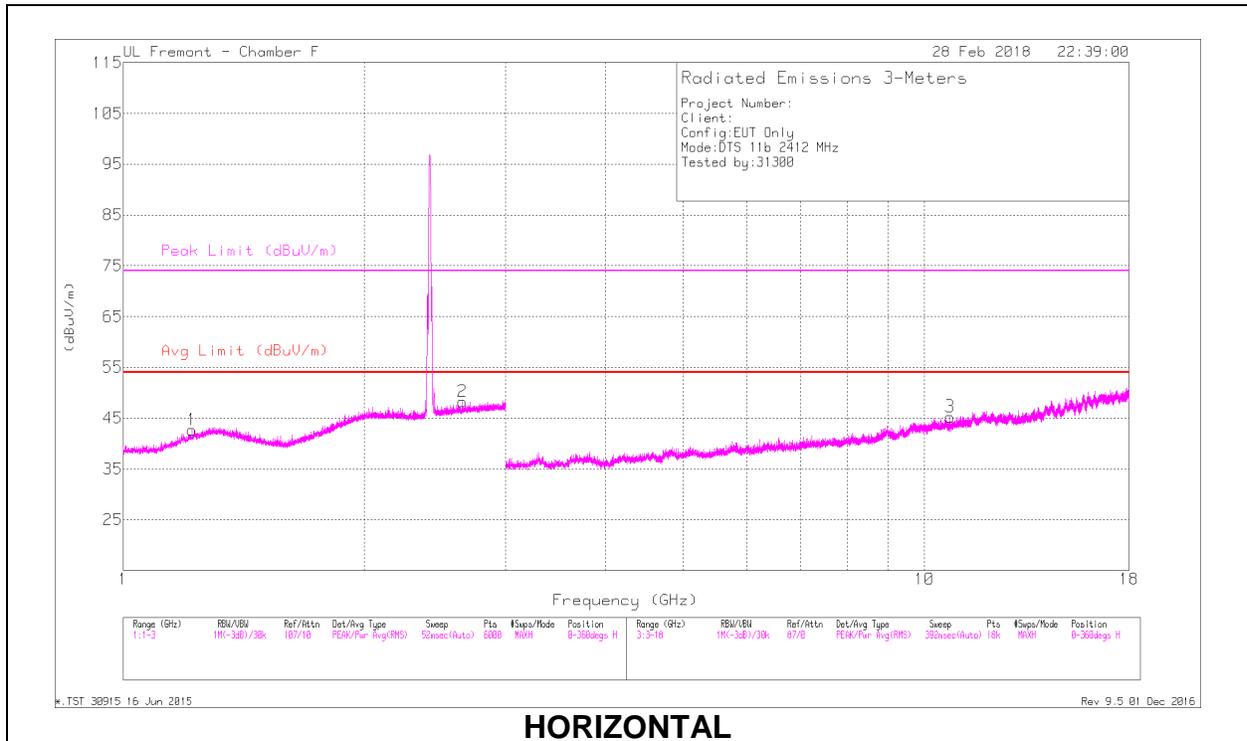
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Flt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.01	Pk	32.1	-22.3	56.81	-	-	74	-17.19	311	369	V
2	* 2.484	48.88	Pk	32.1	-22.3	58.68	-	-	74	-15.32	311	369	V
3	* 2.484	34.14	RMS	32.1	-22.3	43.94	54	-10.06	-	-	311	369	V
4	* 2.486	40.29	RMS	32.1	-22.4	49.99	54	-4.01	-	-	311	369	V

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

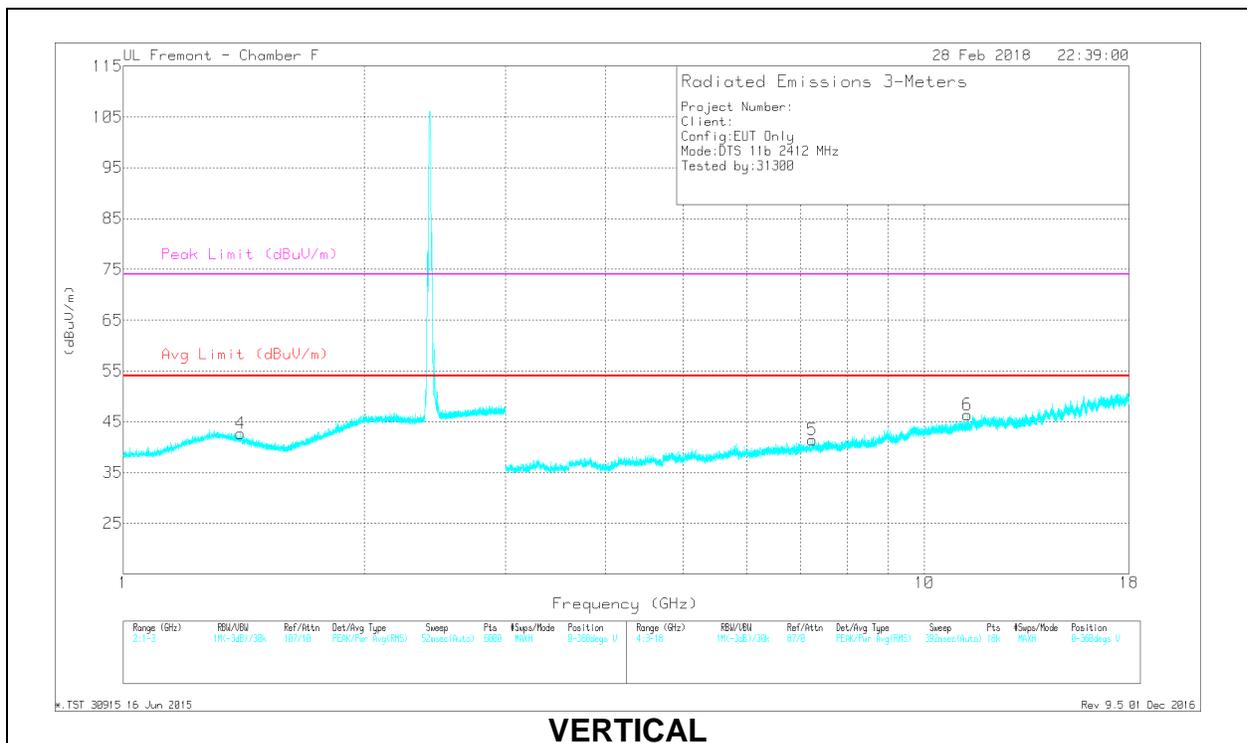
**1TX Antenna 3**

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

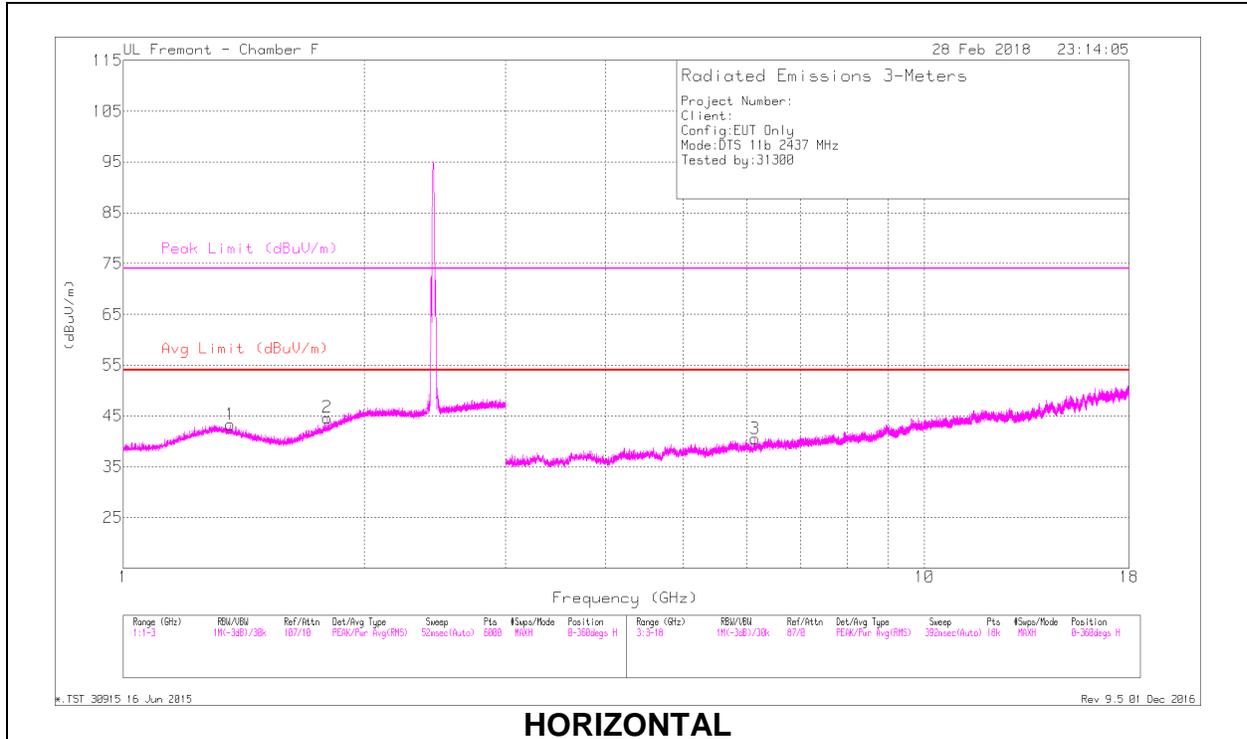
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.217	43.23	PK2	29.1	-22.2	50.13	-	-	74	-23.87	31	281	H
	* 1.217	30.2	MAv1	29.1	-22.2	37.1	54	-16.9	-	-	31	281	H
2	2.65	42.11	PK2	32.4	-20.5	54.01					29	116	H
3	* 10.771	35.35	PK2	37.7	-21.6	51.45			74	-22.55	320	244	H
	* 10.769	23.21	MAv1	37.7	-21.6	39.31	54	-14.69	-	-	320	244	H
4	* 1.403	41.96	PK2	29	-21.8	49.16			74	-24.84	118	244	V
	* 1.403	29.99	MAv1	29	-21.8	37.19	54	-16.81	-	-	118	244	V
5	7.244	38.27	PK2	35.9	-25.6	48.57			-	-	228	287	V
6	* 11.303	35.61	PK2	38.1	-21.3	52.41			74	-21.59	196	293	V
	* 11.304	23.27	MAv1	38.1	-21.3	40.07	54	-13.93	-	-	196	293	V

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

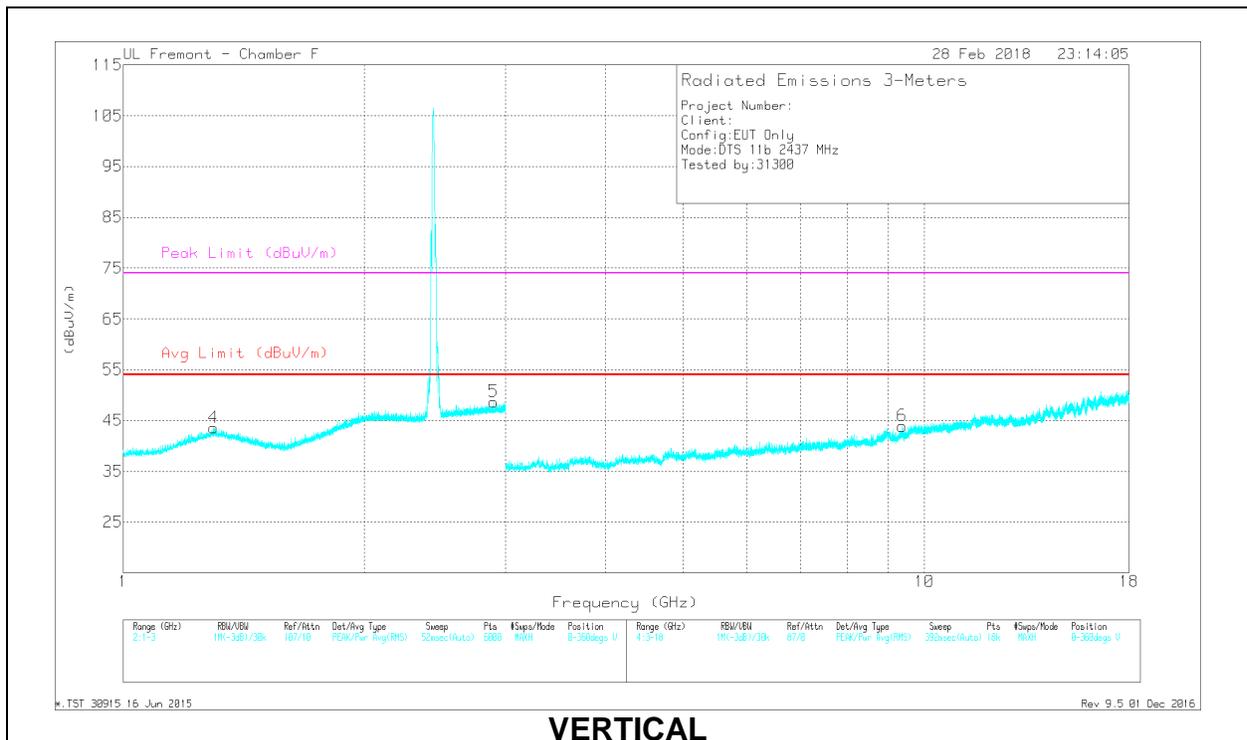
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

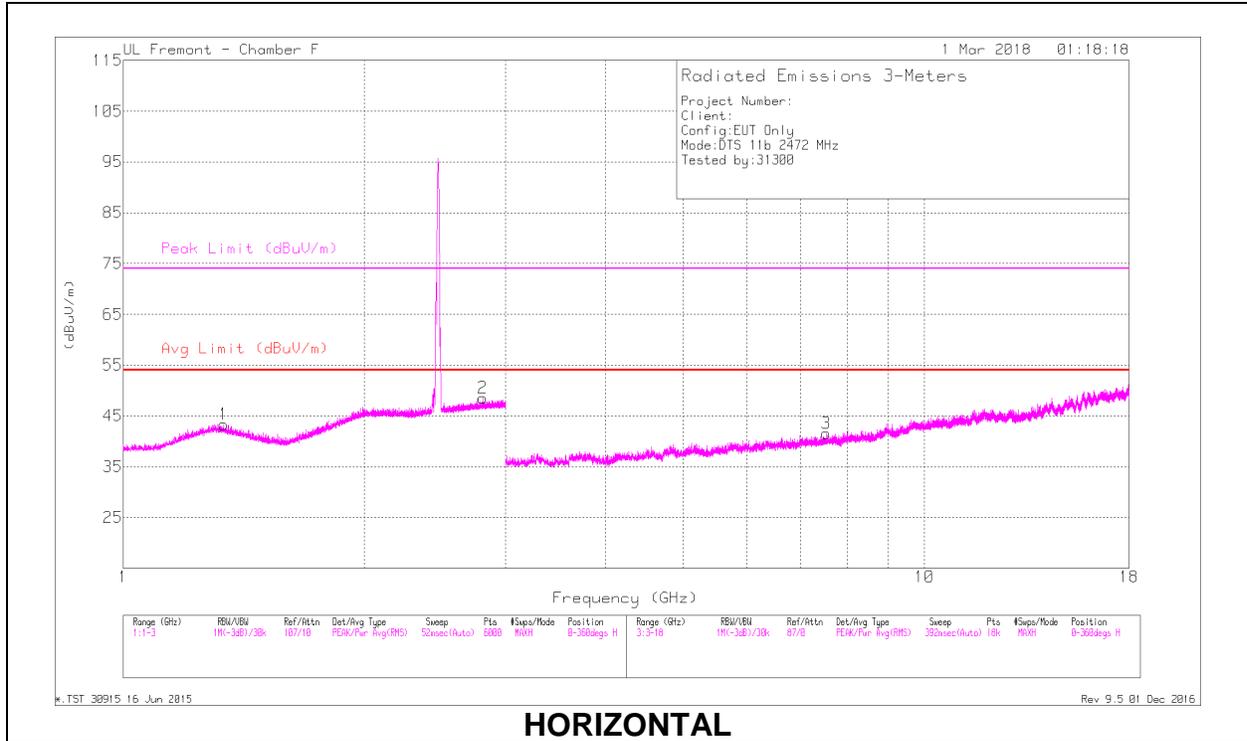
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.359	42.61	PK2	29.5	-21.8	50.31	-	-	74	-23.69	243	358	H
	* 1.361	30.02	MAv1	29.5	-21.9	37.62	54	-16.38	-	-	243	358	H
2	1.795	42.5	PK2	29.7	-21.2	51	-	-	-	-	58	243	H
3	6.143	37.78	PK2	35.3	-26.6	46.48	-	-	-	-	80	285	H
4	* 1.296	42.48	PK2	30.1	-22	50.58	-	-	74	-23.42	136	322	V
	* 1.295	30.02	MAv1	30.1	-22	38.12	54	-15.88	-	-	136	322	V
5	* 2.895	42	PK2	32.9	-20.1	54.8	-	-	74	-19.2	253	256	V
	* 2.898	29.83	MAv1	32.9	-20.2	42.53	54	-11.47	-	-	253	256	V
6	* 9.372	35	PK2	36.6	-21.6	50	-	-	74	-24	271	196	V
	* 9.372	23.12	MAv1	36.6	-21.6	38.12	54	-15.88	-	-	271	196	V

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

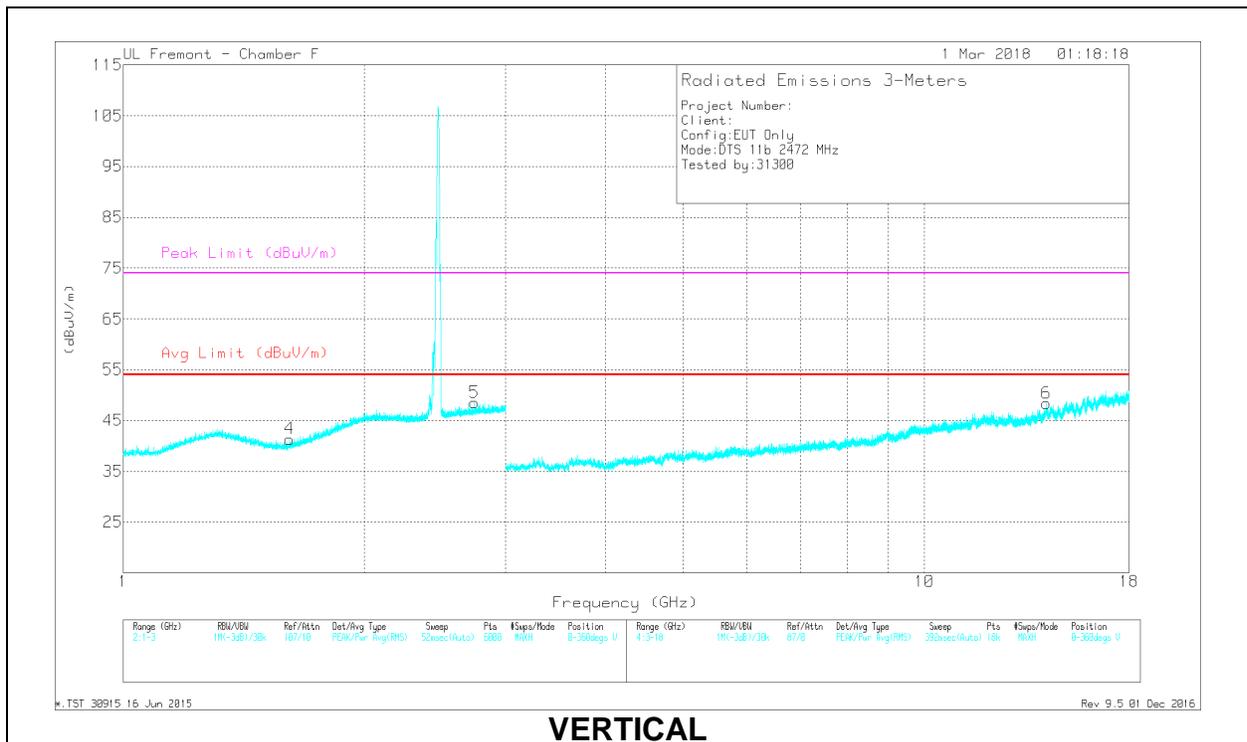
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 13 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.333	42.26	PK2	29.8	-21.8	50.26	-	-	74	-23.74	120	204	H
	* 1.333	30.15	MAv1	29.8	-21.8	38.15	54	-15.85	-	-	120	204	H
2	* 2.807	41.88	PK2	32.7	-20.2	54.38	-	-	74	-19.62	63	268	H
	* 2.807	29.92	MAv1	32.7	-20.2	42.42	54	-11.58	-	-	63	268	H
3	* 7.534	36.93	PK2	36.1	-25.2	47.83	-	-	74	-26.17	74	161	H
	* 7.535	25.07	MAv1	36.1	-25.2	35.97	54	-18.03	-	-	74	161	H
4	* 1.615	42.24	PK2	27.4	-21.6	48.04	-	-	74	-25.96	97	152	V
	* 1.615	29.96	MAv1	27.4	-21.6	35.76	54	-18.24	-	-	97	152	V
5	* 2.746	41.98	PK2	32.6	-20.3	54.28	-	-	74	-19.72	136	399	V
	* 2.746	30.02	MAv1	32.6	-20.3	42.32	54	-11.68	-	-	136	399	V
6	14.198	36.83	PK2	40.6	-22.8	54.63	-	-	-	-	96	270	V

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

PK2 - KDB558074 Method: Maximum Peak

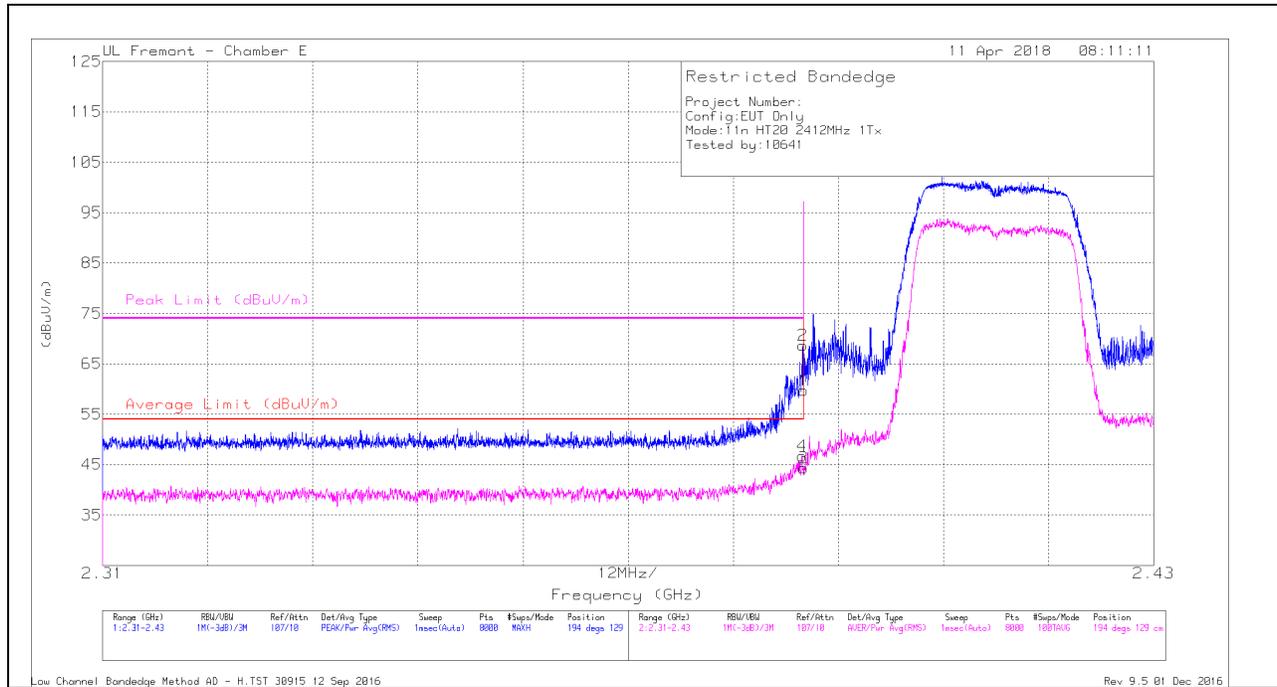
MAv1 - KDB558074 Option 1 Maximum RMS Average

**9.1.2. 802.11n HT20 MODE IN THE 2.4 GHz BAND**

**1TX Antenna 4**

**BANDEDGE (LOW CHANNEL, CH 1)**

**HORIZONTAL RESULT**



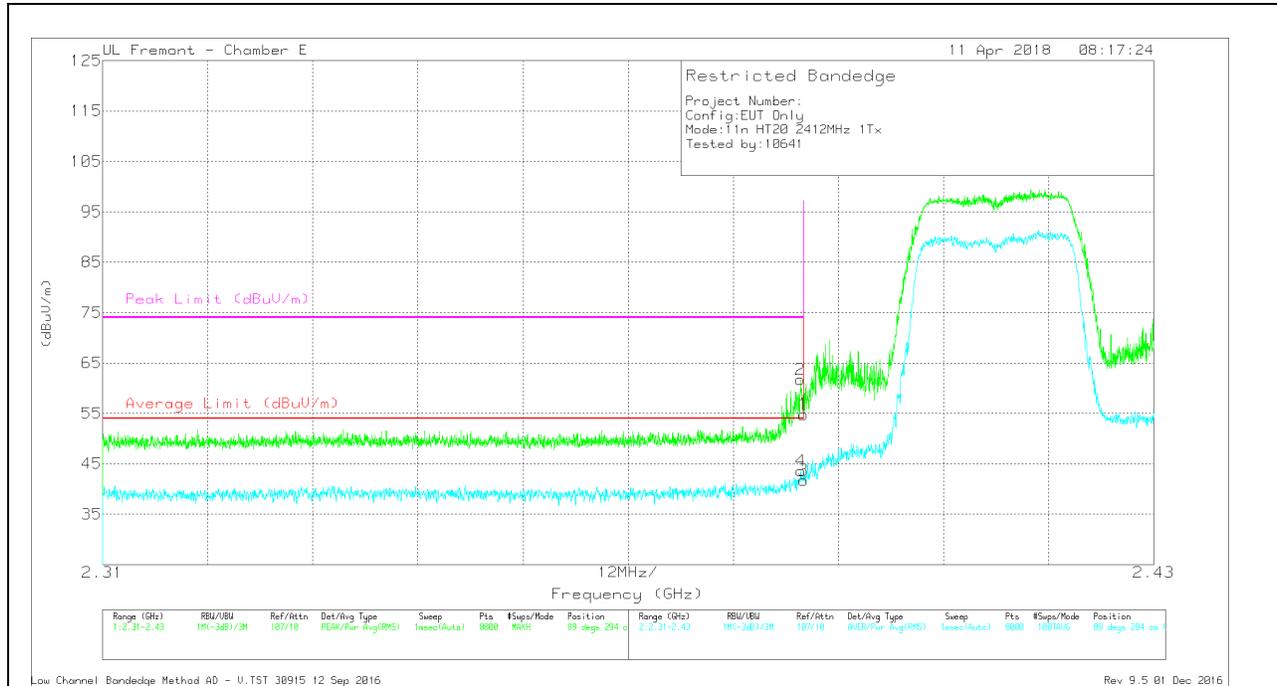
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.38	Pk	32	-22.6	59.78	-	-	74	-14.22	194	129	H
2	* 2.39	59.32	Pk	32	-22.6	68.72	-	-	74	-5.28	194	129	H
3	* 2.39	34.9	RMS	32	-22.6	44.3	54	-9.7	-	-	194	129	H
4	* 2.39	37.32	RMS	32	-22.6	46.72	54	-7.28	-	-	194	129	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/Cb/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	45.42	Pk	32	-22.6	54.82	-	-	74	-19.18	89	294	V
2	* 2.39	52.29	Pk	32	-22.6	61.69	-	-	74	-12.31	89	294	V
3	* 2.39	32.37	RMS	32	-22.6	41.77	54	-12.23	-	-	89	294	V
4	* 2.39	34.22	RMS	32	-22.6	43.62	54	-10.38	-	-	89	294	V

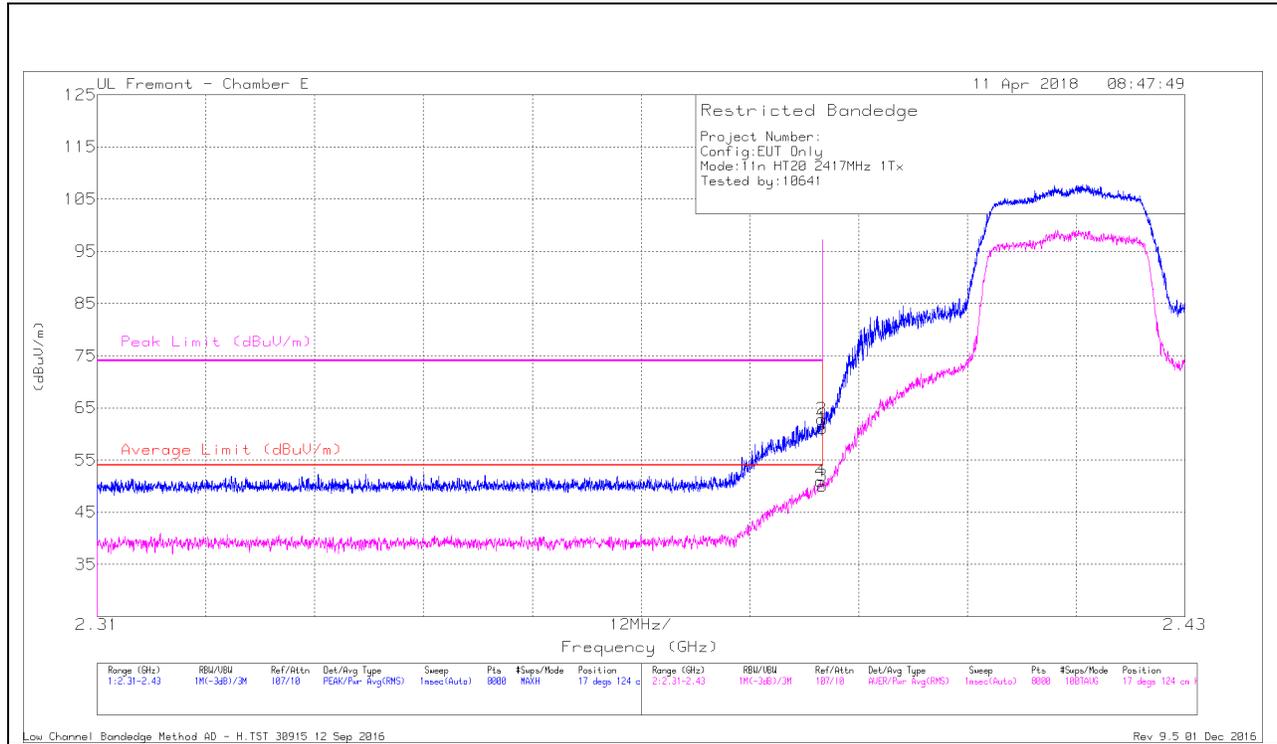
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

**HORIZONTAL RESULT**



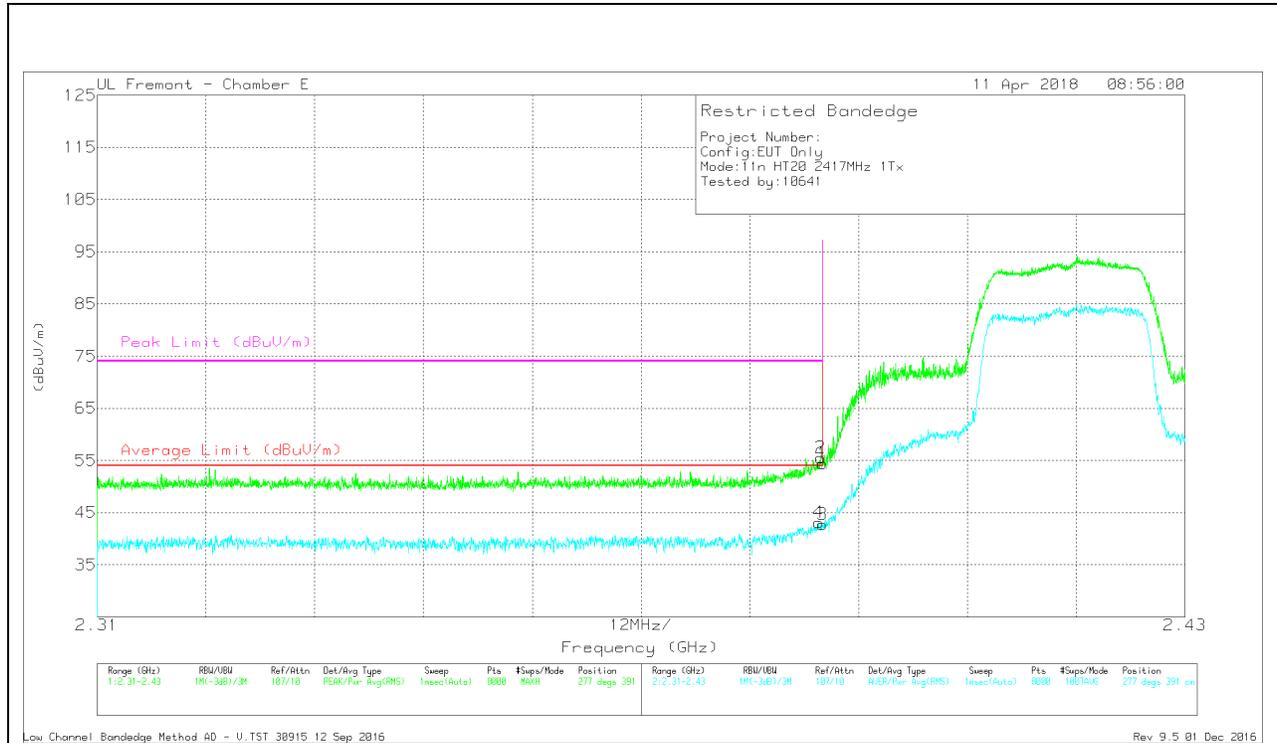
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.69	Pk	32	-22.6	61.09	-	-	74	-12.91	17	124	H
2	* 2.39	53.42	Pk	32	-22.6	62.82	-	-	74	-11.18	17	124	H
3	* 2.39	40.61	RMS	32	-22.6	50.01	54	-3.99	-	-	17	124	H
4	* 2.39	41.48	RMS	32	-22.6	50.88	54	-3.12	-	-	17	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 T346 (dB/m)	Amp/Cb/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	45	Pk	32	-22.6	54.4	-	-	74	-19.6	277	391	V
2	* 2.39	46.1	Pk	32	-22.6	55.5	-	-	74	-18.5	277	391	V
3	* 2.39	33.34	RMS	32	-22.6	42.74	54	-11.26	-	-	277	391	V
4	* 2.39	33.65	RMS	32	-22.6	43.05	54	-10.95	-	-	277	391	V

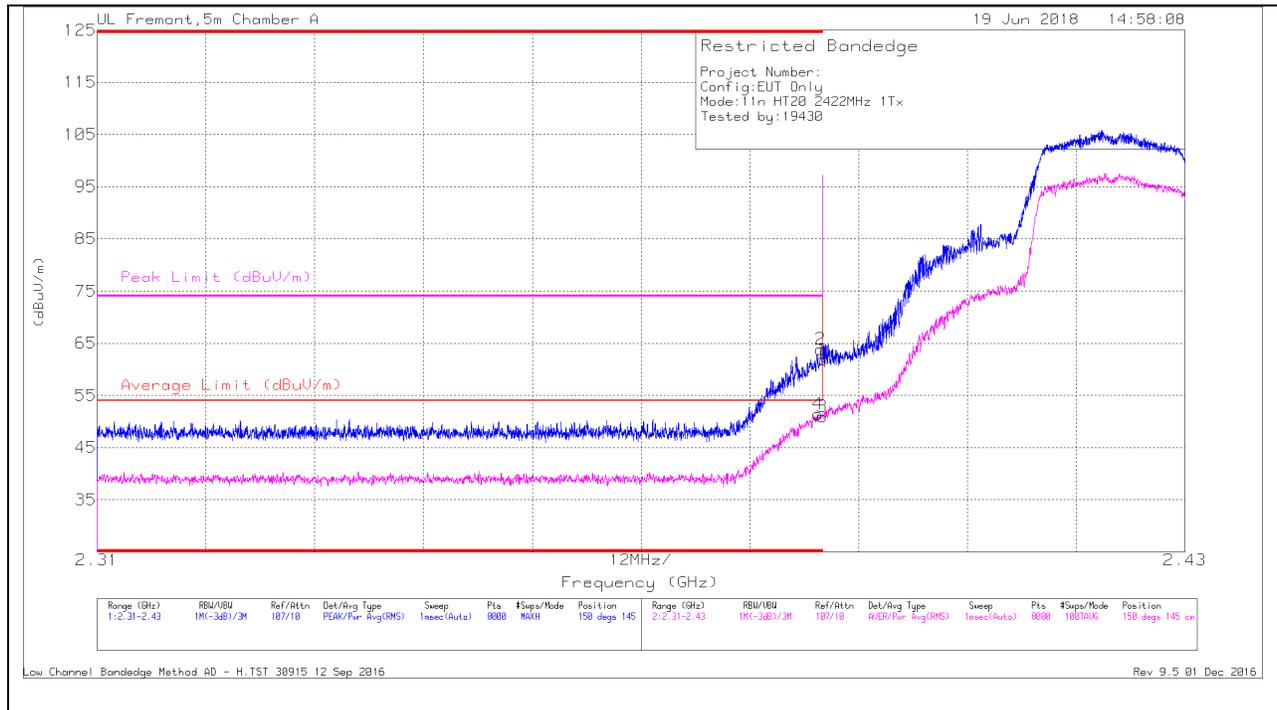
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

**HORIZONTAL RESULT**



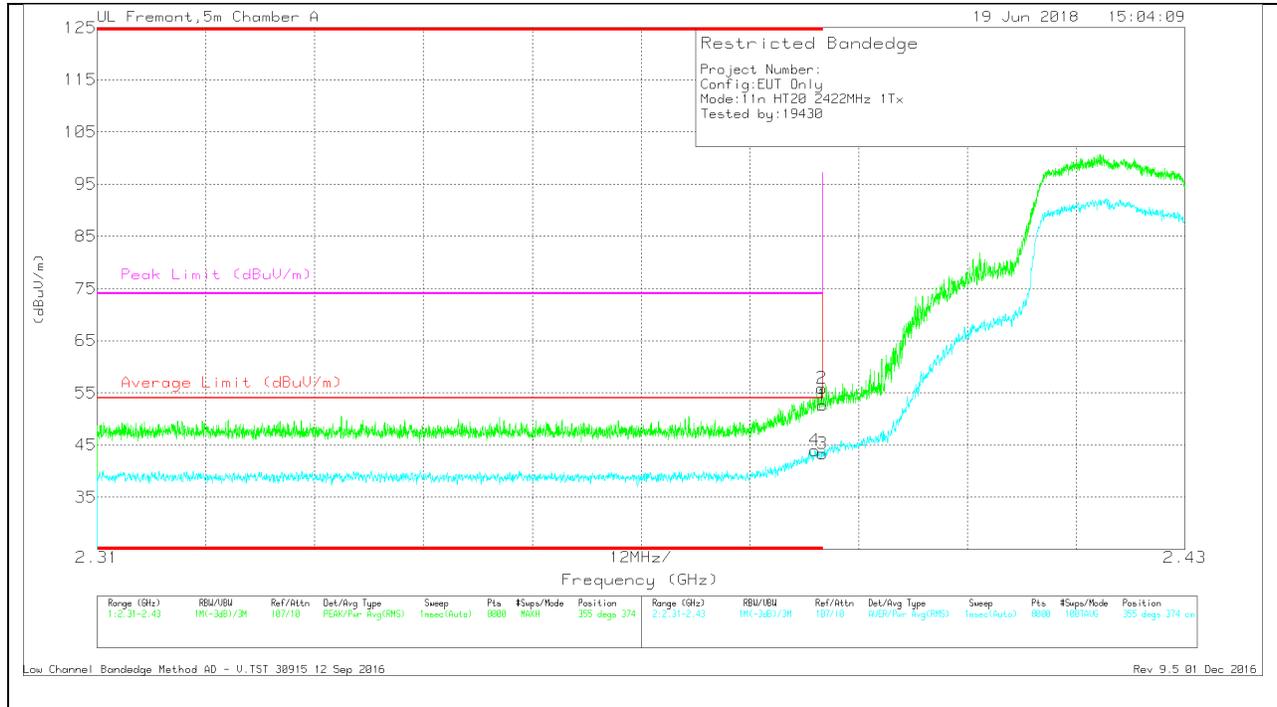
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	52.25	Pk	31.8	-22.2	61.85	-	-	74	-12.15	150	145	H
2	* 2.39	54.23	Pk	31.8	-22.2	63.83	-	-	74	-10.17	150	145	H
3	* 2.39	41.31	RMS	31.8	-22.2	50.91	54	-3.09	-	-	150	145	H
4	* 2.389	41.81	RMS	31.8	-22.2	51.41	54	-2.59	-	-	150	145	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 T862 (dB/m)	Amp/Cb/Fltr/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	43.07	Pk	31.8	-22.2	52.67	-	-	74	-21.33	355	374	V
2	* 2.39	46.26	Pk	31.8	-22.2	55.86	-	-	74	-18.14	355	374	V
3	* 2.39	33.73	RMS	31.8	-22.2	43.33	54	-10.67	-	-	355	374	V
4	* 2.389	34.34	RMS	31.8	-22.2	43.94	54	-10.06	-	-	355	374	V

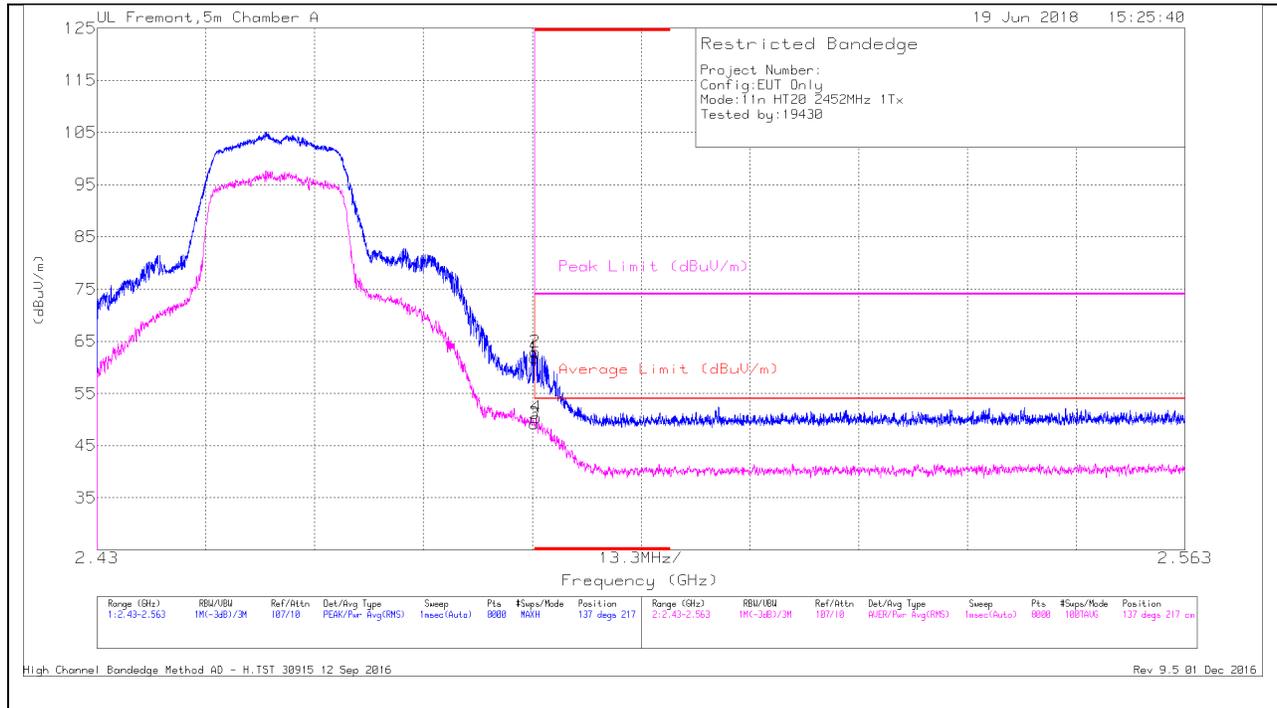
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



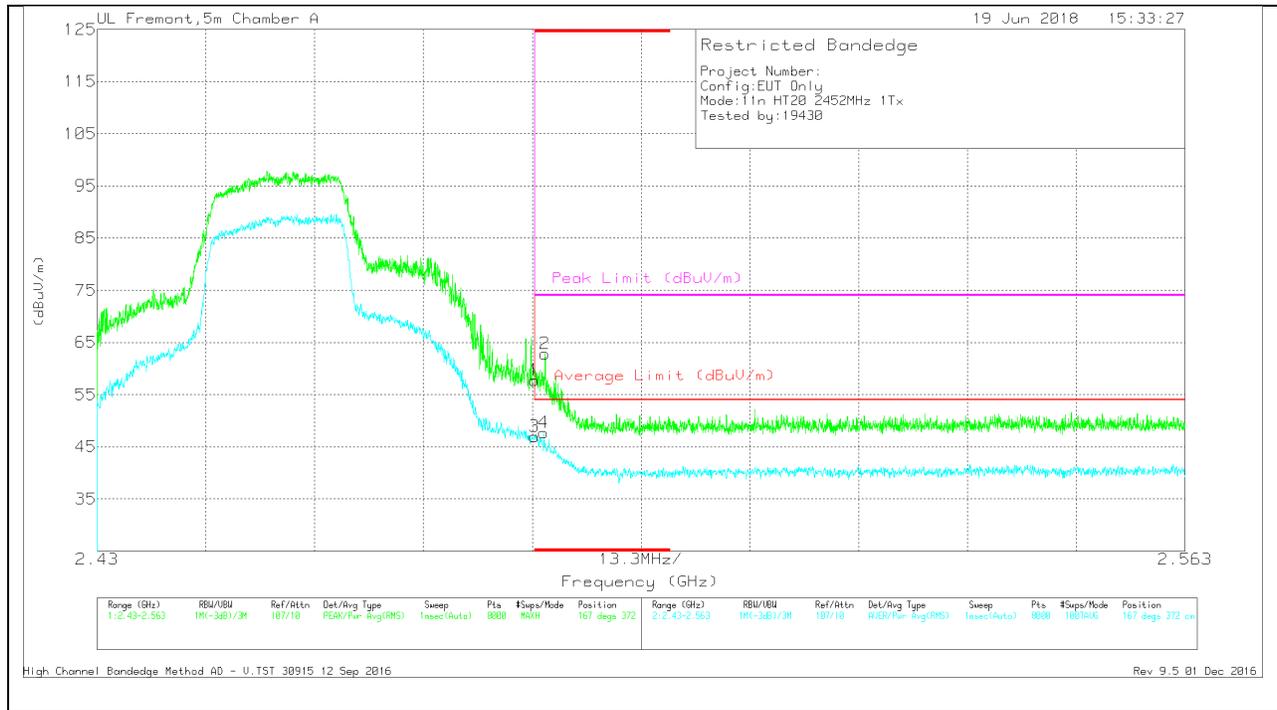
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.32	Pk	32.3	-21.8	61.82	-	-	74	-12.18	137	217	H
2	* 2.484	52.43	Pk	32.3	-21.8	62.93	-	-	74	-11.07	137	217	H
3	* 2.484	38.69	RMS	32.3	-21.8	49.19	54	-4.81	-	-	137	217	H
4	* 2.484	39.91	RMS	32.3	-21.8	50.41	54	-3.59	-	-	137	217	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 T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.25	Pk	32.3	-21.8	57.75	-	-	74	-16.25	167	372	V
3	* 2.484	36.42	RMS	32.3	-21.8	46.92	54	-7.08	-	-	167	372	V
2	* 2.485	52.29	Pk	32.3	-21.8	62.79	-	-	74	-11.21	167	372	V
4	* 2.485	37.2	RMS	32.3	-21.8	47.7	54	-6.3	-	-	167	372	V

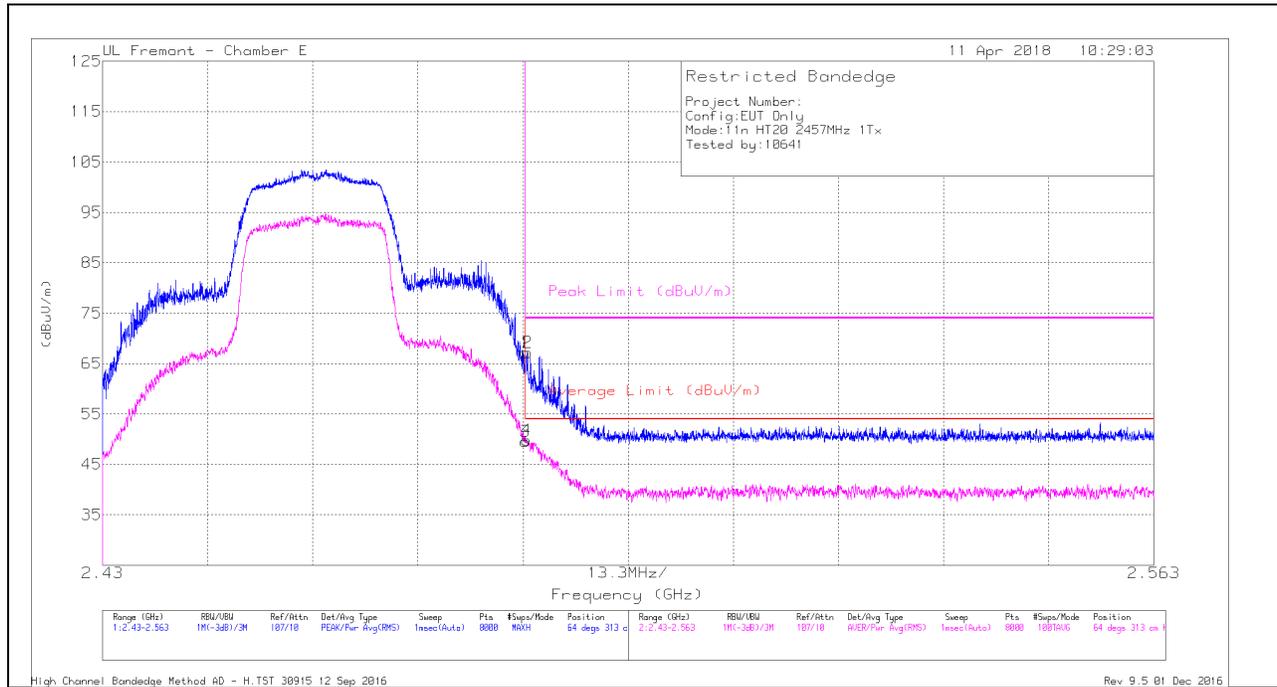
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 10)**

**HORIZONTAL RESULT**



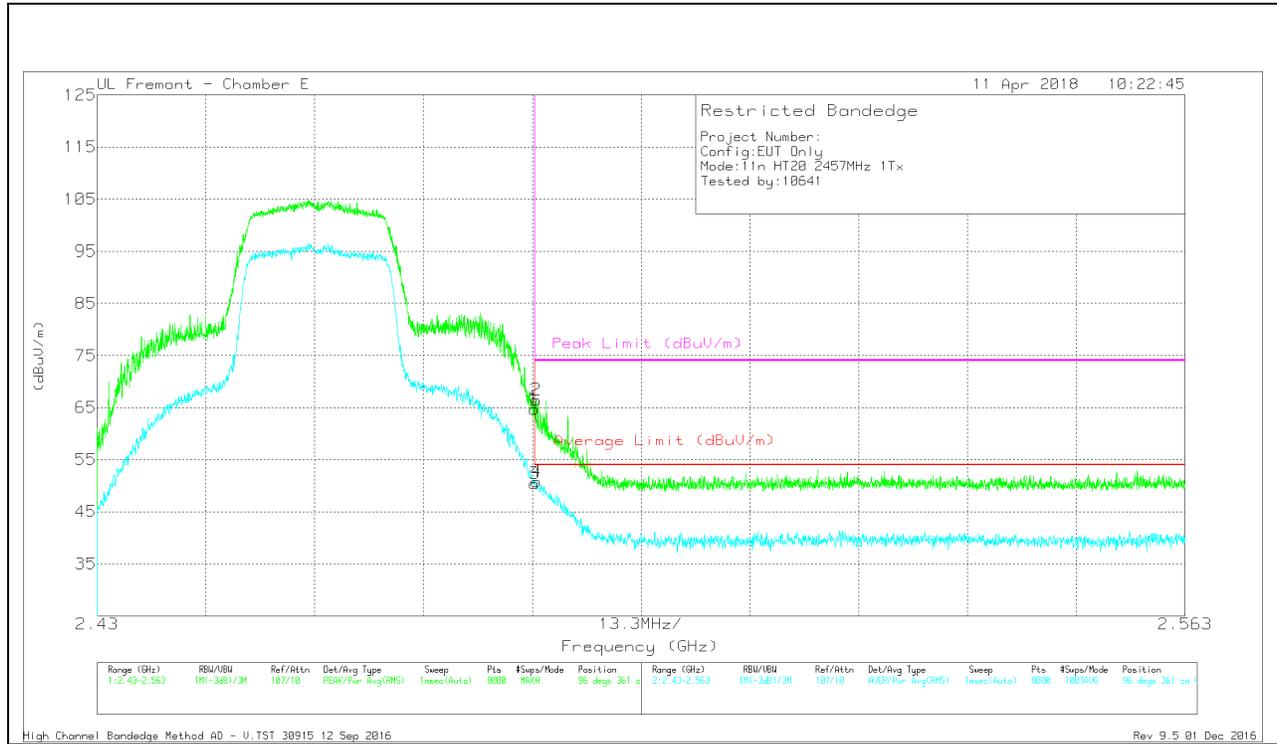
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	57.33	Pk	32.1	-22.3	67.13	-	-	74	-6.87	64	313	H
2	* 2.484	57.4	Pk	32.1	-22.3	67.2	-	-	74	-6.8	64	313	H
3	* 2.484	39.78	RMS	32.1	-22.3	49.58	54	-4.42	-	-	64	313	H
4	* 2.484	40.03	RMS	32.1	-22.3	49.83	54	-4.17	-	-	64	313	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/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.95	Pk	32.1	-22.3	64.75	-	-	74	-9.25	96	361	V
2	* 2.484	56.67	Pk	32.1	-22.3	66.47	-	-	74	-7.53	96	361	V
3	* 2.484	40.57	RMS	32.1	-22.3	50.37	54	-3.63	-	-	96	361	V
4	* 2.484	41.04	RMS	32.1	-22.3	50.84	54	-3.16	-	-	96	361	V

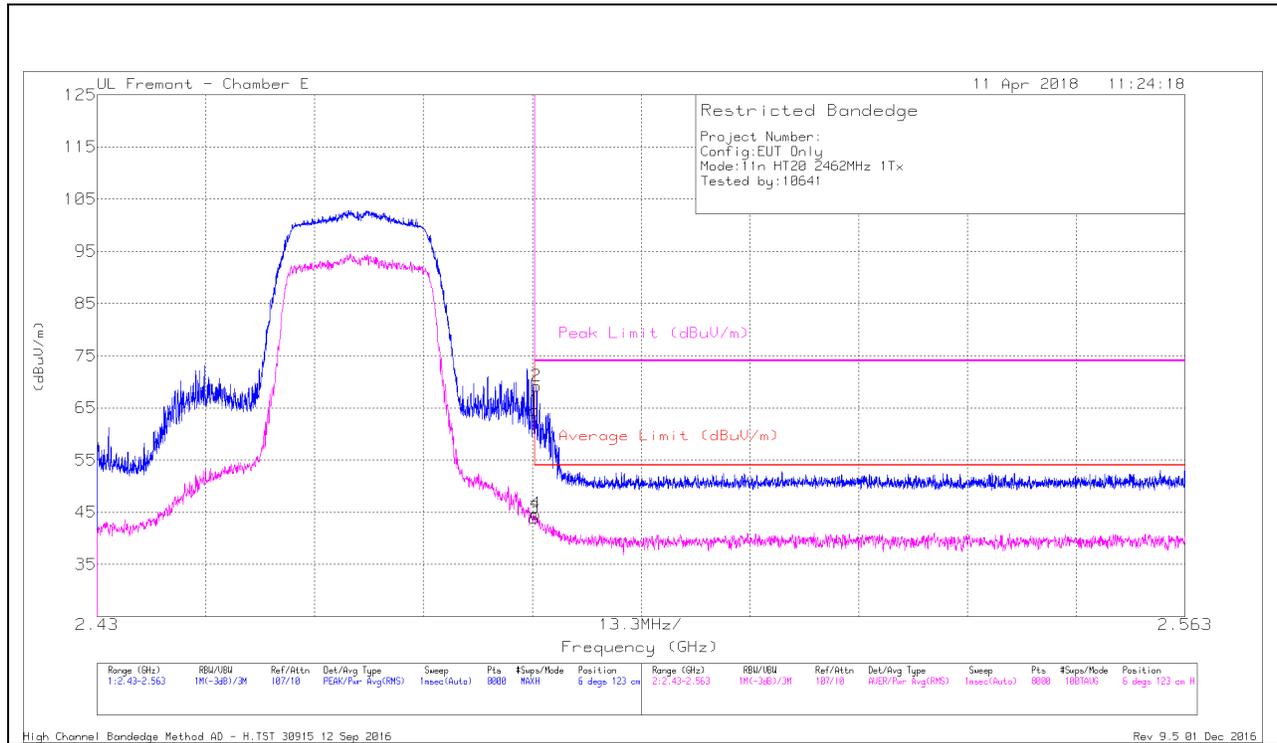
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 11)**

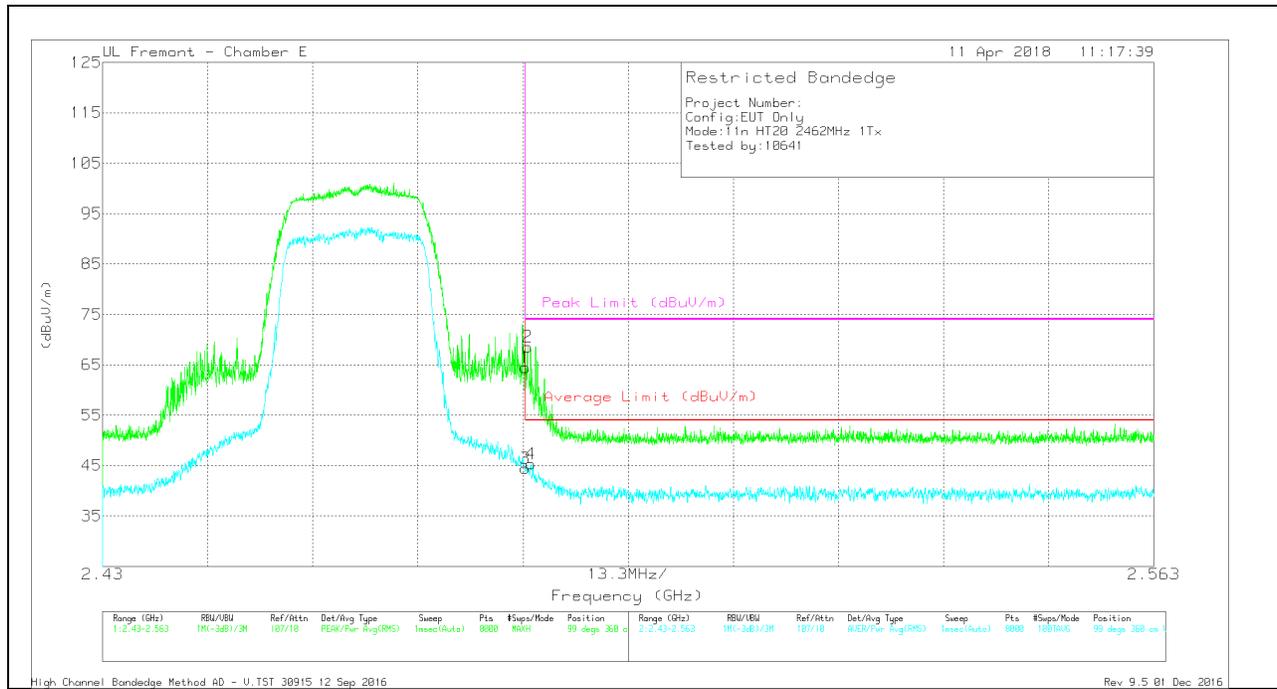
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	54.71	Pk	32.1	-22.3	64.51	-	-	74	-9.49	6	123	H
2	* 2.484	59.42	Pk	32.1	-22.3	69.22	-	-	74	-4.78	6	123	H
3	* 2.484	34.05	RMS	32.1	-22.3	43.85	54	-10.15	-	-	6	123	H
4	* 2.484	34.88	RMS	32.1	-22.3	44.68	54	-9.32	-	-	6	123	H

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

### VERTICAL RESULT

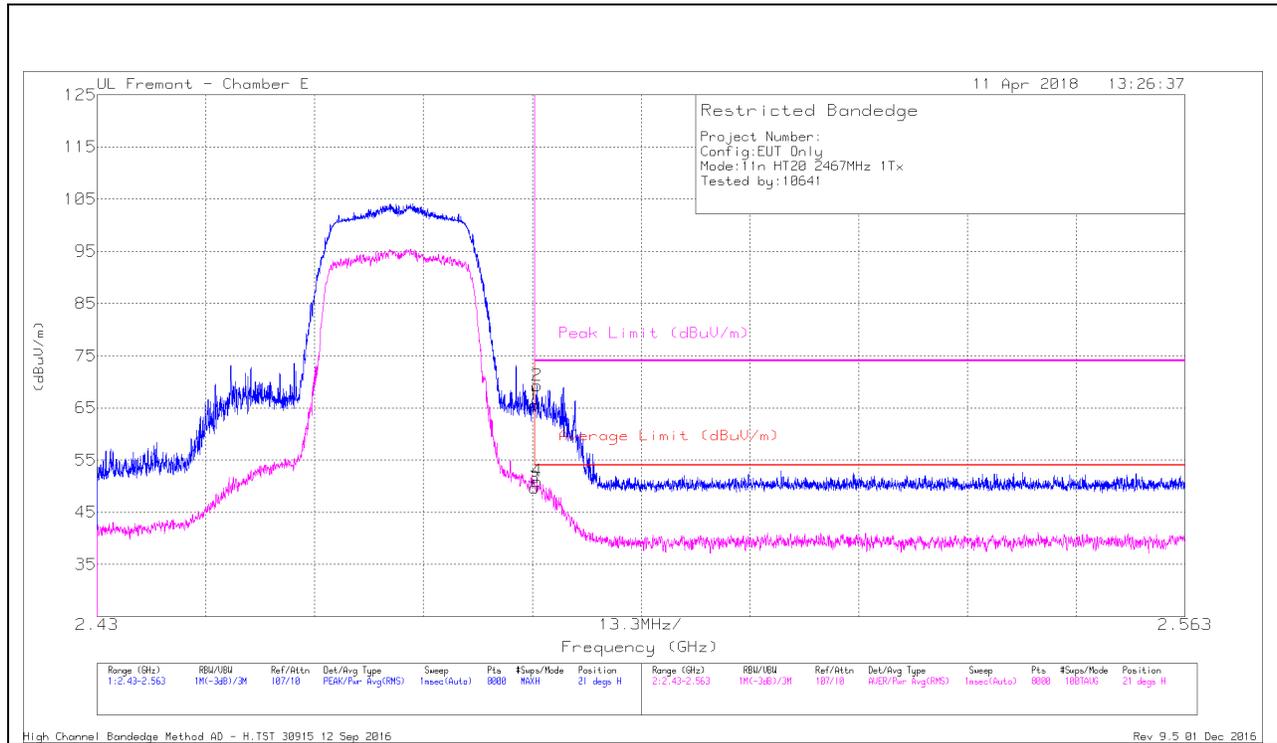


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.63	Pk	32.1	-22.3	64.43	-	-	74	-9.57	99	360	V
2	* 2.484	58.8	Pk	32.1	-22.3	68.6	-	-	74	-5.4	99	360	V
3	* 2.484	34.64	RMS	32.1	-22.3	44.44	54	-9.56	-	-	99	360	V
4	* 2.484	35.55	RMS	32.1	-22.3	45.35	54	-8.65	-	-	99	360	V

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

**BANDEDGE (HIGH CHANNEL 12)**

**HORIZONTAL RESULT**



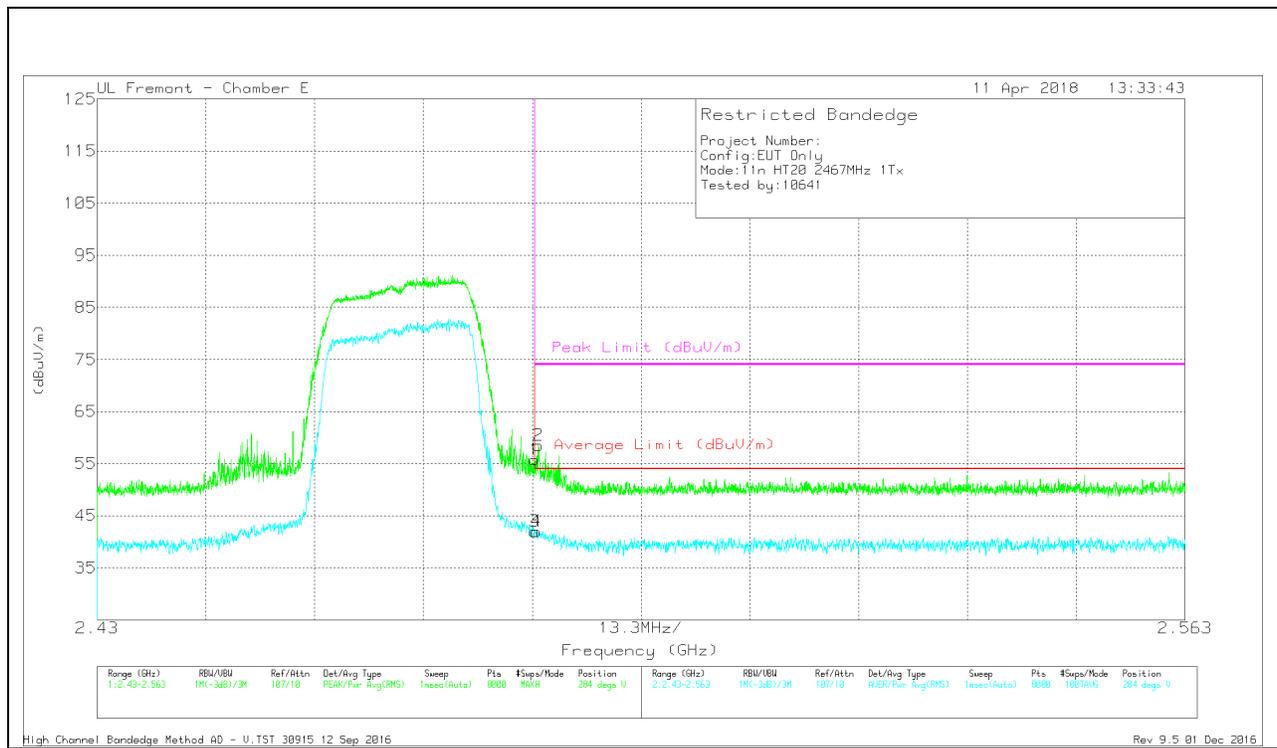
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.77	Pk	32.1	-22.3	65.57	-	-	74	-8.43	21	121	H
2	* 2.484	59.51	Pk	32.1	-22.3	69.31	-	-	74	-4.69	21	121	H
3	* 2.484	39.87	RMS	32.1	-22.3	49.67	54	-4.33	-	-	21	121	H
4	* 2.484	41.17	RMS	32.1	-22.3	50.97	54	-3.03	-	-	21	121	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/Chl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.9	Pk	32.1	-22.3	55.7	-	-	74	-18.3	284	111	V
2	* 2.484	48.66	Pk	32.1	-22.3	58.46	-	-	74	-15.54	284	111	V
3	* 2.484	32.14	RMS	32.1	-22.3	41.94	54	-12.06	-	-	284	111	V
4	* 2.484	32.21	RMS	32.1	-22.3	42.01	54	-11.99	-	-	284	111	V

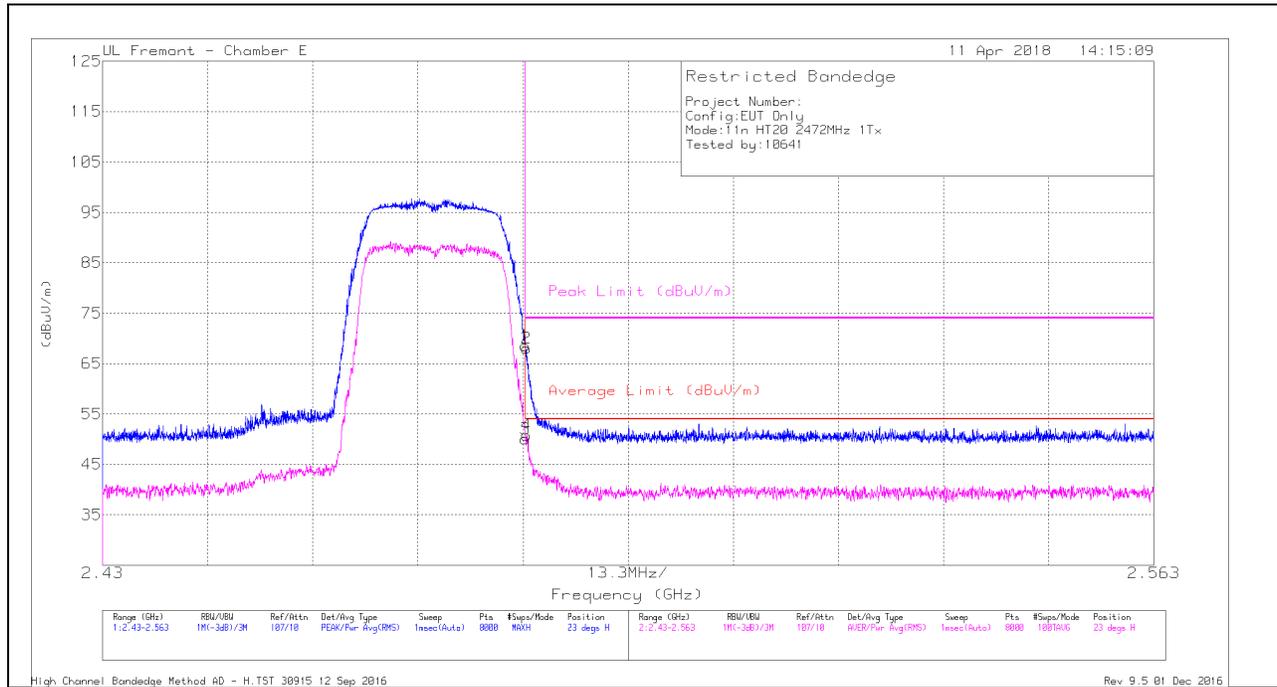
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 13)**

**HORIZONTAL RESULT**



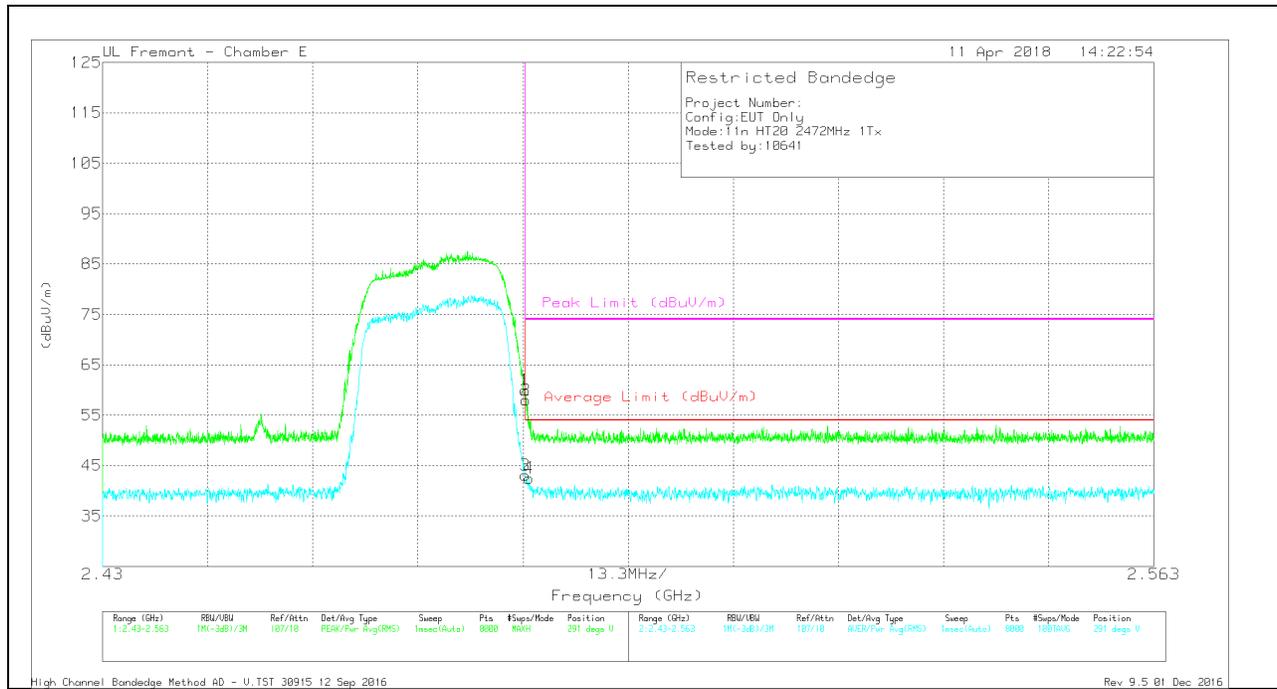
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	58.72	Pk	32.1	-22.3	68.52	-	-	74	-5.48	23	139	H
2	* 2.484	58.29	Pk	32.1	-22.3	68.09	-	-	74	-5.91	23	139	H
3	* 2.484	40.28	RMS	32.1	-22.3	50.08	54	-3.92	-	-	23	139	H
4	* 2.484	40.98	RMS	32.1	-22.3	50.78	54	-3.22	-	-	23	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 T346 (dB/m)	Amp/Cb/Fltr/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	50.12	Pk	32.1	-22.3	59.92	-	-	74	-14.08	291	110	V
2	* 2.484	48.16	Pk	32.1	-22.3	57.96	-	-	74	-16.04	291	110	V
3	* 2.484	33.3	RMS	32.1	-22.3	43.1	54	-10.9	-	-	291	110	V
4	* 2.484	32.73	RMS	32.1	-22.3	42.53	54	-11.47	-	-	291	110	V

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

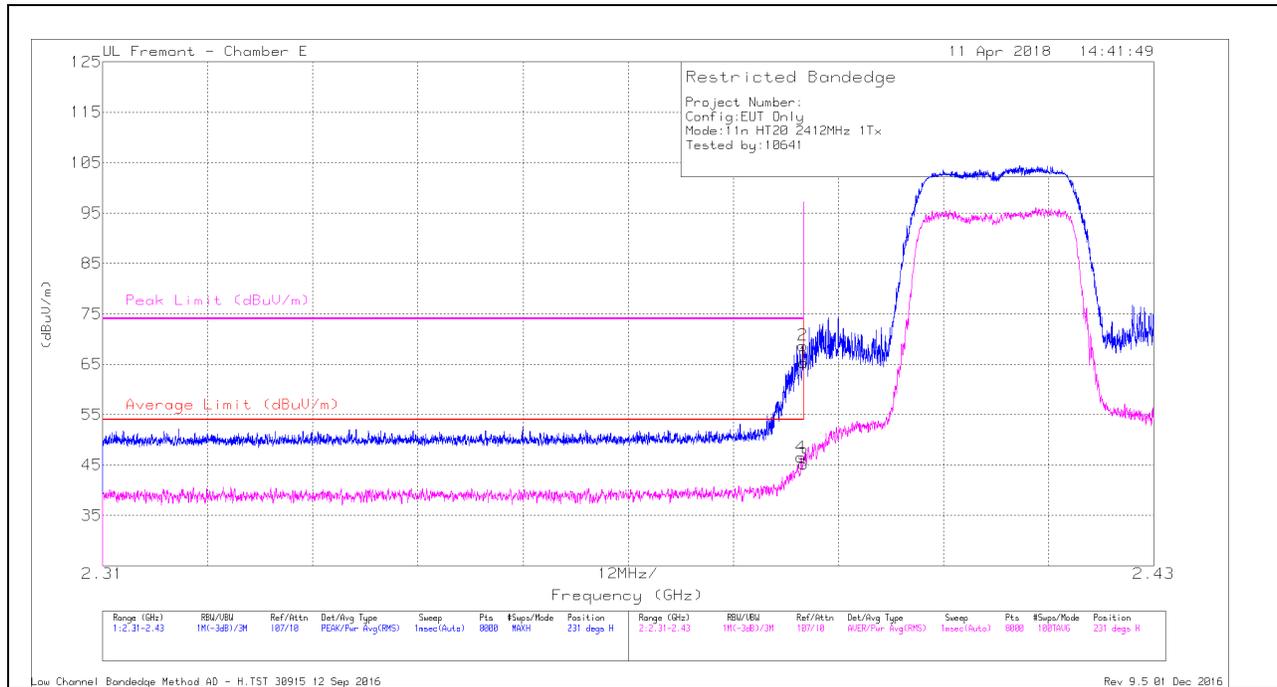
Pk - Peak detector

RMS - RMS detection

**1TX Antenna 3**

**BANDEDGE (LOW CHANNEL, CH 1)**

**HORIZONTAL RESULT**



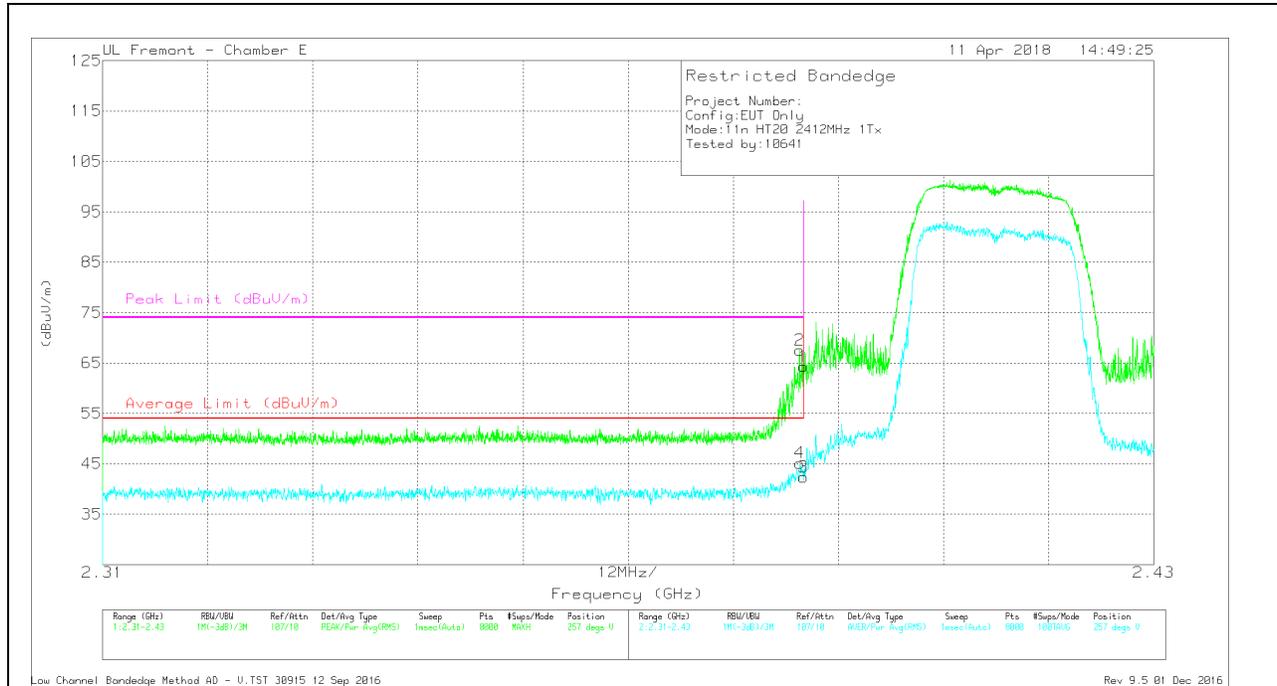
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.96	Pk	32	-22.6	65.36	-	-	74	-8.64	231	256	H
2	* 2.39	59.33	Pk	32	-22.6	68.73	-	-	74	-5.27	231	256	H
3	* 2.39	35.8	RMS	32	-22.6	45.2	54	-8.8	-	-	231	256	H
4	* 2.39	37.18	RMS	32	-22.6	46.58	54	-7.42	-	-	231	256	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.87	Pk	32	-22.6	64.27	-	-	74	-9.73	257	343	V
2	* 2.39	58.19	Pk	32	-22.6	67.59	-	-	74	-6.41	257	343	V
3	* 2.39	32.92	RMS	32	-22.6	42.32	54	-11.68	-	-	257	343	V
4	* 2.39	35.74	RMS	32	-22.6	45.14	54	-8.86	-	-	257	343	V

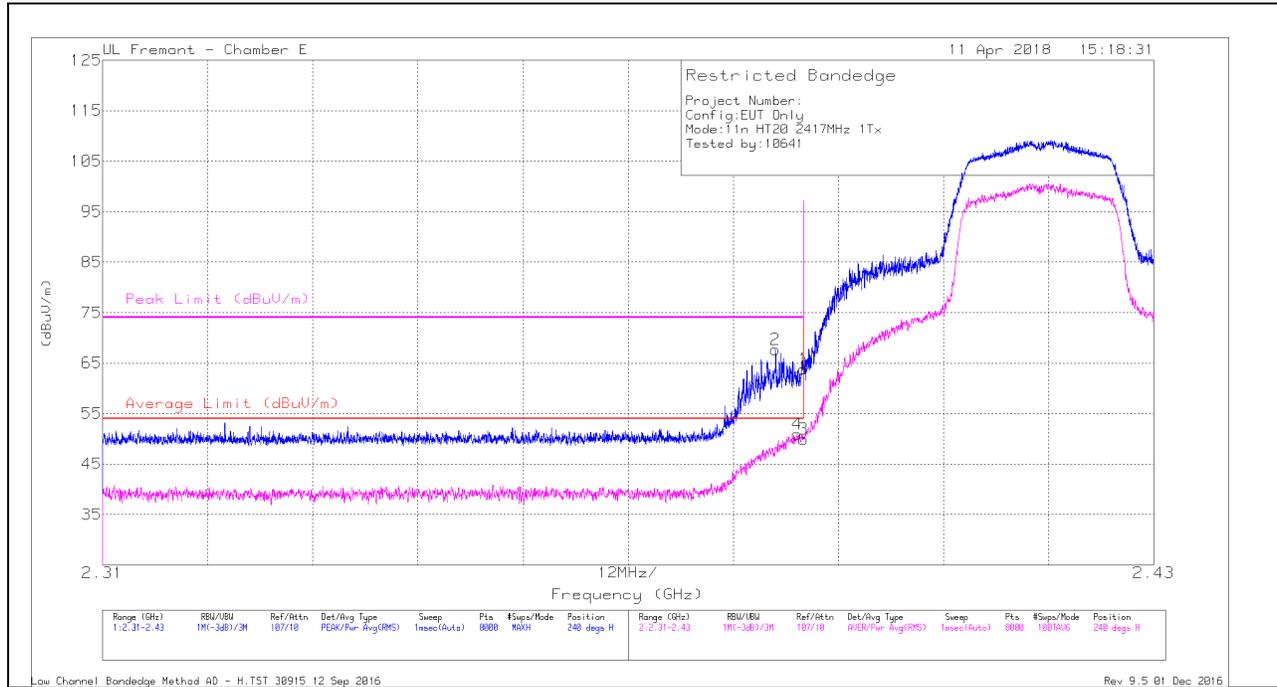
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BADEDGE (LOW CHANNEL, CH 2)**

**HORIZONTAL RESULT**



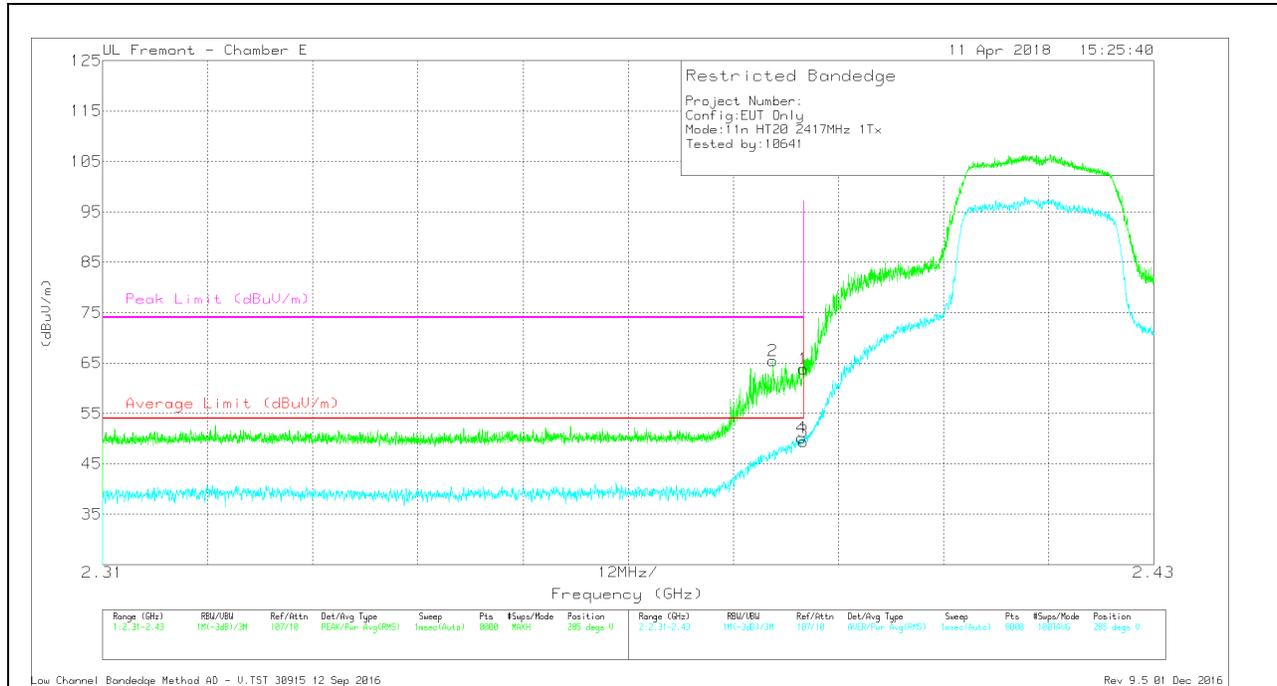
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.38	Pk	32	-22.6	63.78	-	-	74	-10.22	240	262	H
2	* 2.387	58.33	Pk	31.9	-22.6	67.63	-	-	74	-6.37	240	262	H
3	* 2.39	40.5	RMS	32	-22.6	49.9	54	-4.1	-	-	240	262	H
4	* 2.389	41.48	RMS	32	-22.6	50.88	54	-3.12	-	-	240	262	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	AFT346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.38	Pk	32	-22.6	63.78	-	-	74	-10.22	285	398	V
2	* 2.387	56.15	Pk	31.9	-22.6	65.45	-	-	74	-8.55	285	398	V
3	* 2.39	40.08	RMS	32	-22.6	49.48	54	-4.52	-	-	285	398	V
4	* 2.39	40.8	RMS	32	-22.6	50.2	54	-3.8	-	-	285	398	V

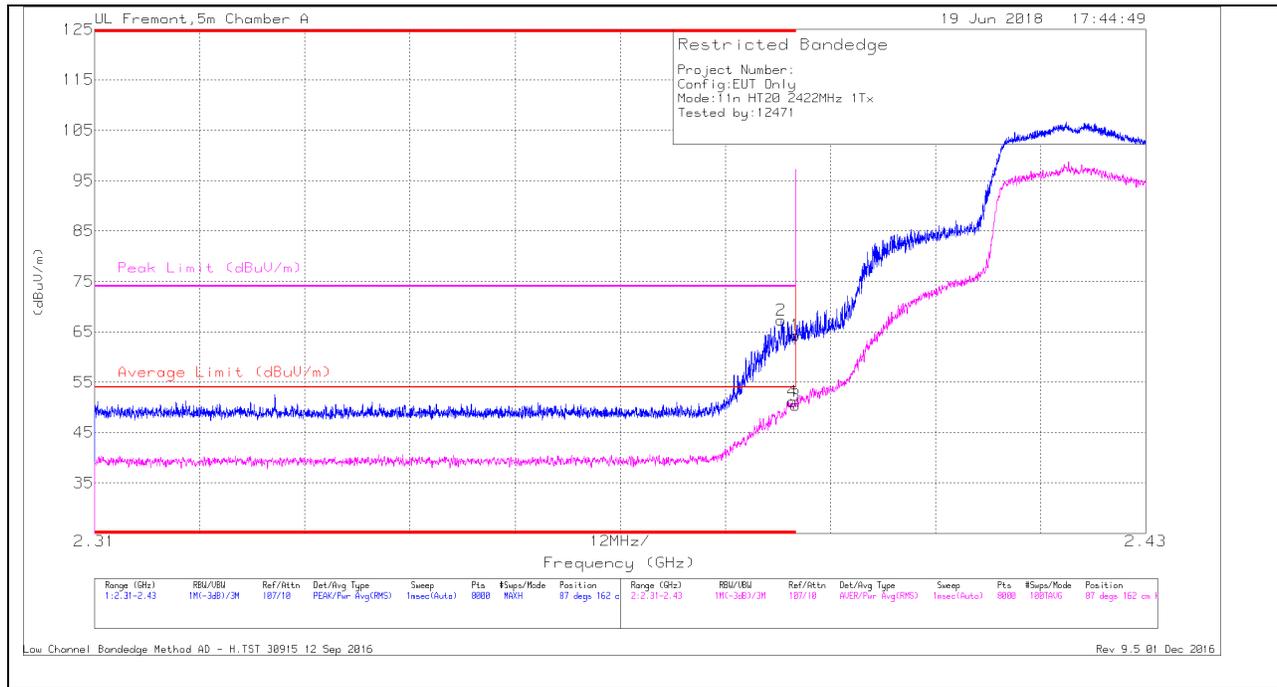
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

**HORIZONTAL RESULT**



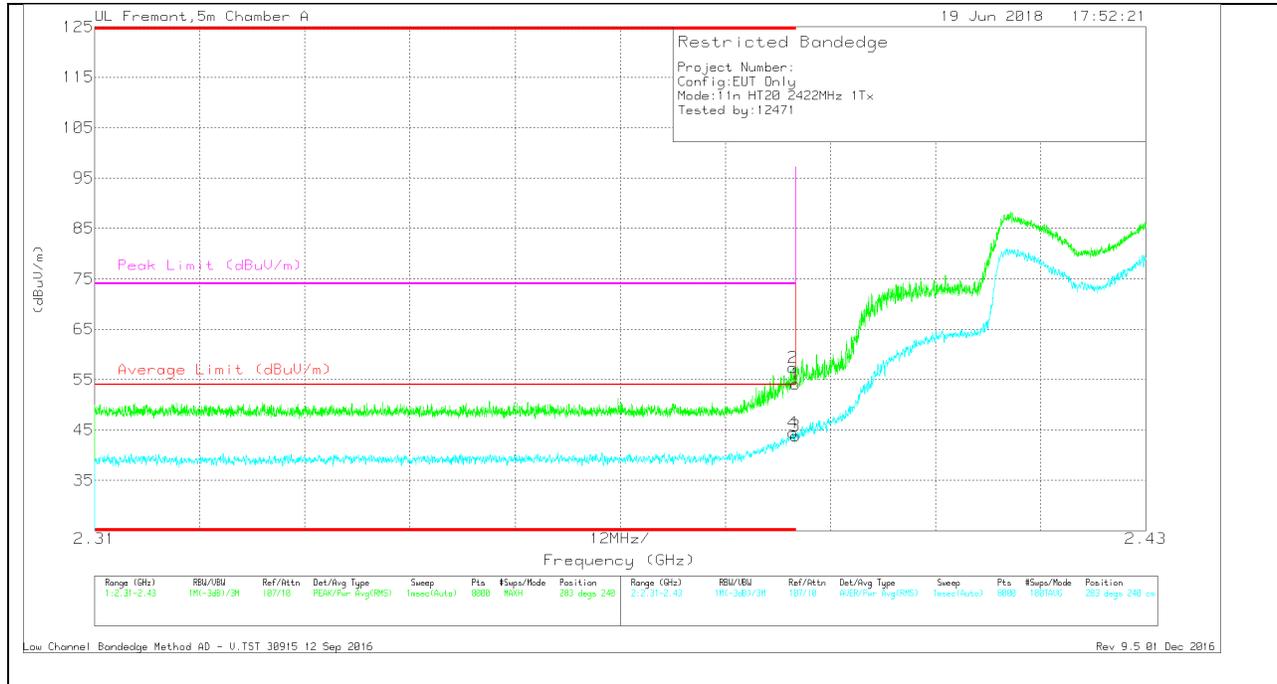
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.77	Pk	31.8	-22.2	64.37	-	-	74	-9.63	87	162	H
2	* 2.388	57.75	Pk	31.8	-22.2	67.35	-	-	74	-6.65	87	162	H
3	* 2.39	40.83	RMS	31.8	-22.2	50.43	54	-3.57	-	-	87	162	H
4	* 2.39	41.6	RMS	31.8	-22.2	51.2	54	-2.8	-	-	87	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 T862 (dB/m)	Amp/Cb1/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	44.56	Pk	31.8	-22.2	54.16	-	-	74	-19.84	283	240	V
2	* 2.39	47.72	Pk	31.8	-22.2	57.32	-	-	74	-16.68	283	240	V
3	* 2.39	34.28	RMS	31.8	-22.2	43.88	54	-10.12	-	-	283	240	V
4	* 2.39	34.8	RMS	31.8	-22.2	44.4	54	-9.6	-	-	283	240	V

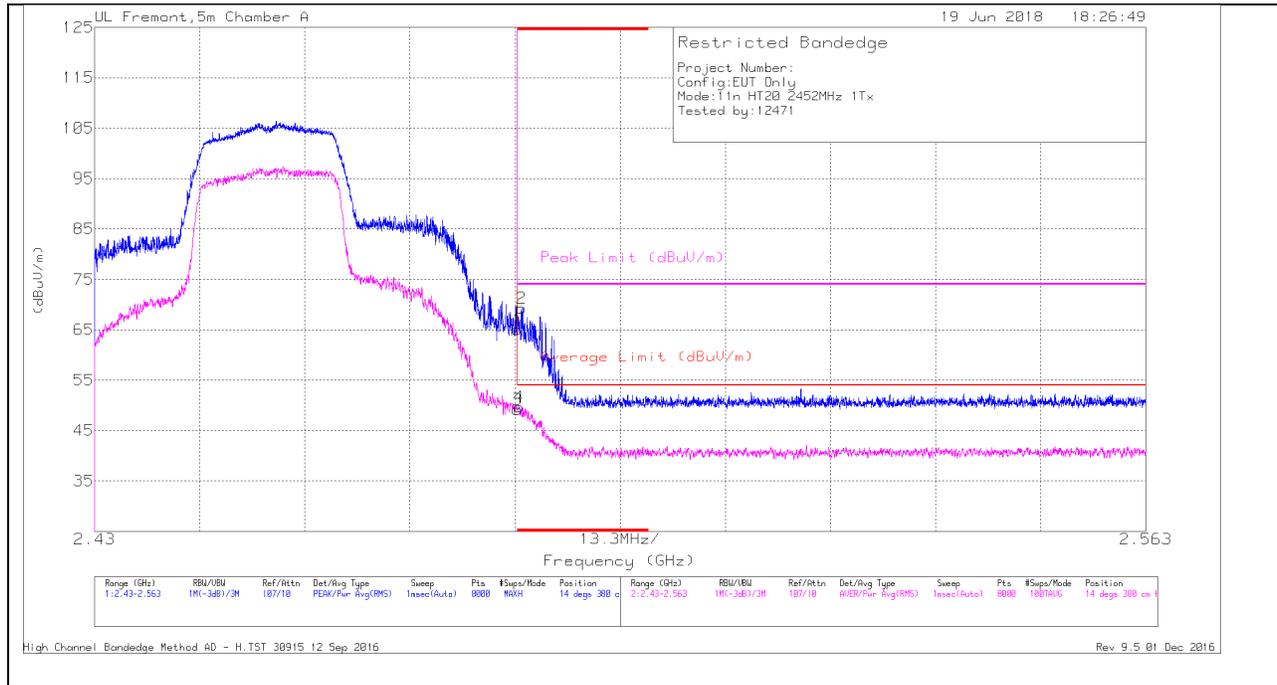
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



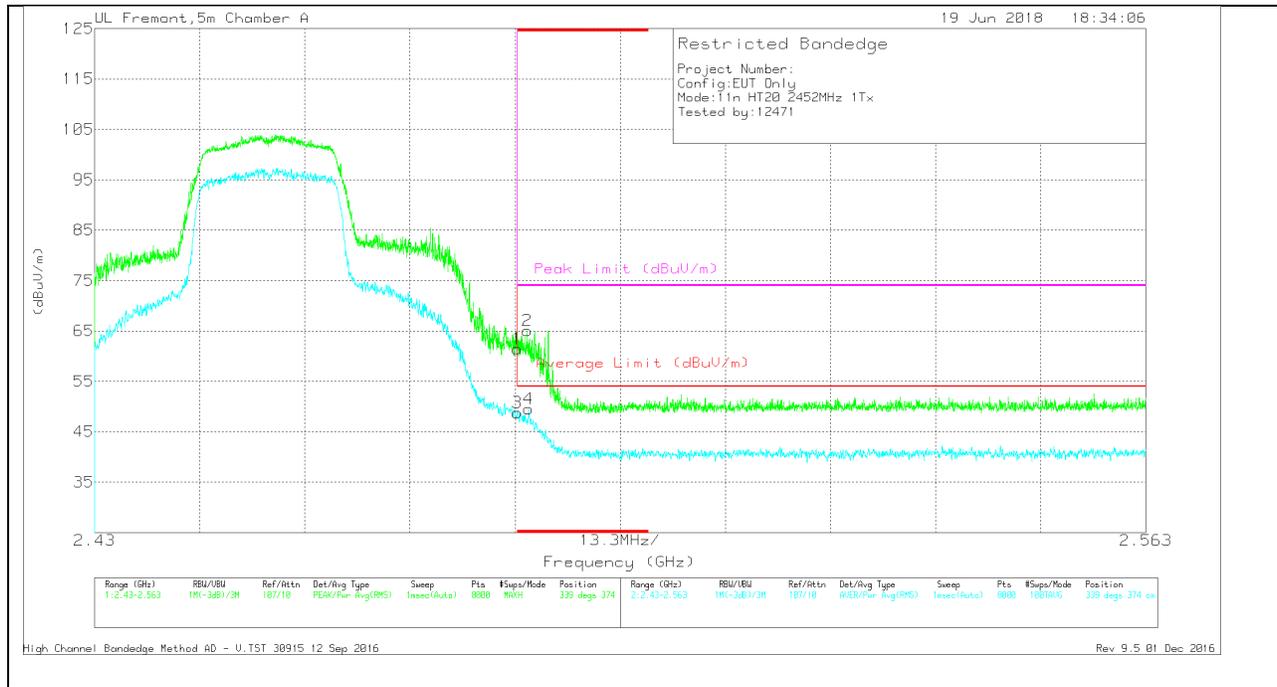
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.53	Pk	32.3	-21.8	65.03	-	-	74	-8.97	14	380	H
2	* 2.484	58.79	Pk	32.3	-21.8	69.29	-	-	74	-4.71	14	380	H
3	* 2.484	38.71	RMS	32.3	-21.8	49.21	54	-4.79	-	-	14	380	H
4	* 2.484	39.22	RMS	32.3	-21.8	49.72	54	-4.28	-	-	14	380	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

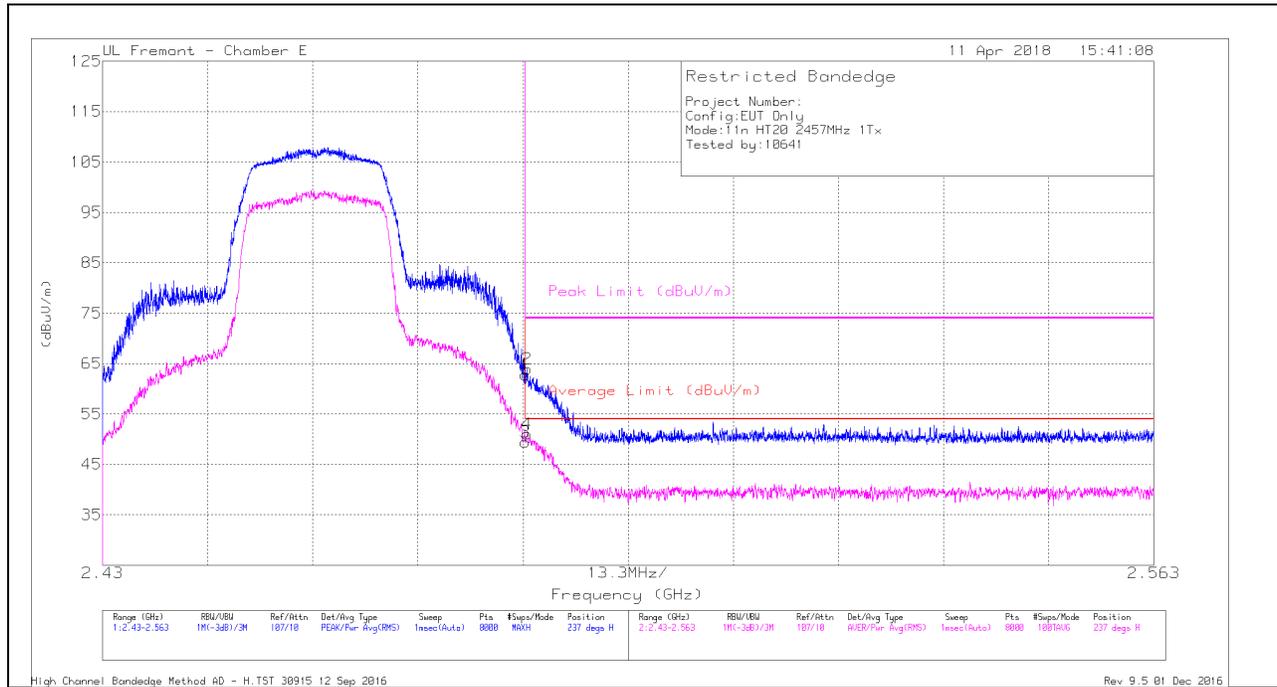


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.95	Pk	32.3	-21.8	61.45	-	-	74	-12.55	339	374	V
2	* 2.485	54.57	Pk	32.3	-21.8	65.07	-	-	74	-8.93	339	374	V
3	* 2.484	38.34	RMS	32.3	-21.8	48.84	54	-5.16	-	-	339	374	V
4	* 2.485	39.07	RMS	32.3	-21.8	49.57	54	-4.43	-	-	339	374	V

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

**BANDEDGE (HIGH CHANNEL 10)**

**HORIZONTAL RESULT**



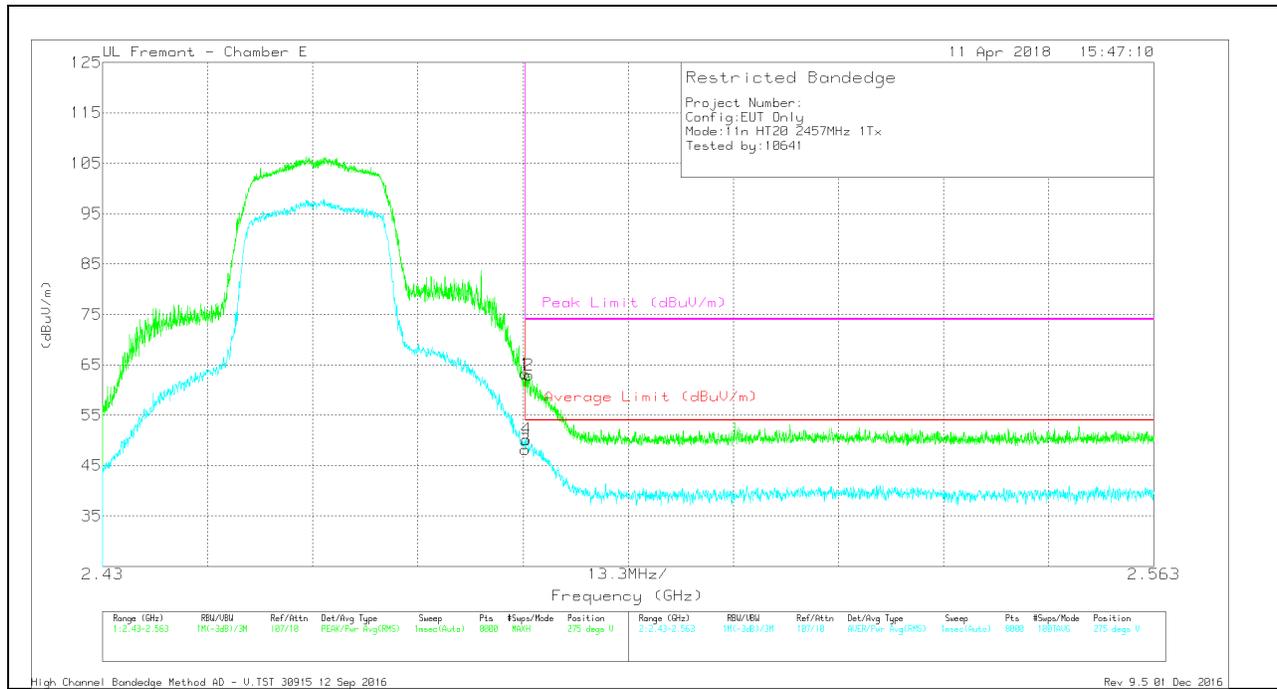
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.08	Pk	32.1	-22.3	62.88	-	-	74	-11.12	237	279	H
2	* 2.484	54.2	Pk	32.1	-22.3	64	-	-	74	-10	237	279	H
3	* 2.484	39.65	RMS	32.1	-22.3	49.45	54	-4.55	-	-	237	279	H
4	* 2.484	41.19	RMS	32.1	-22.3	50.99	54	-3.01	-	-	237	279	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

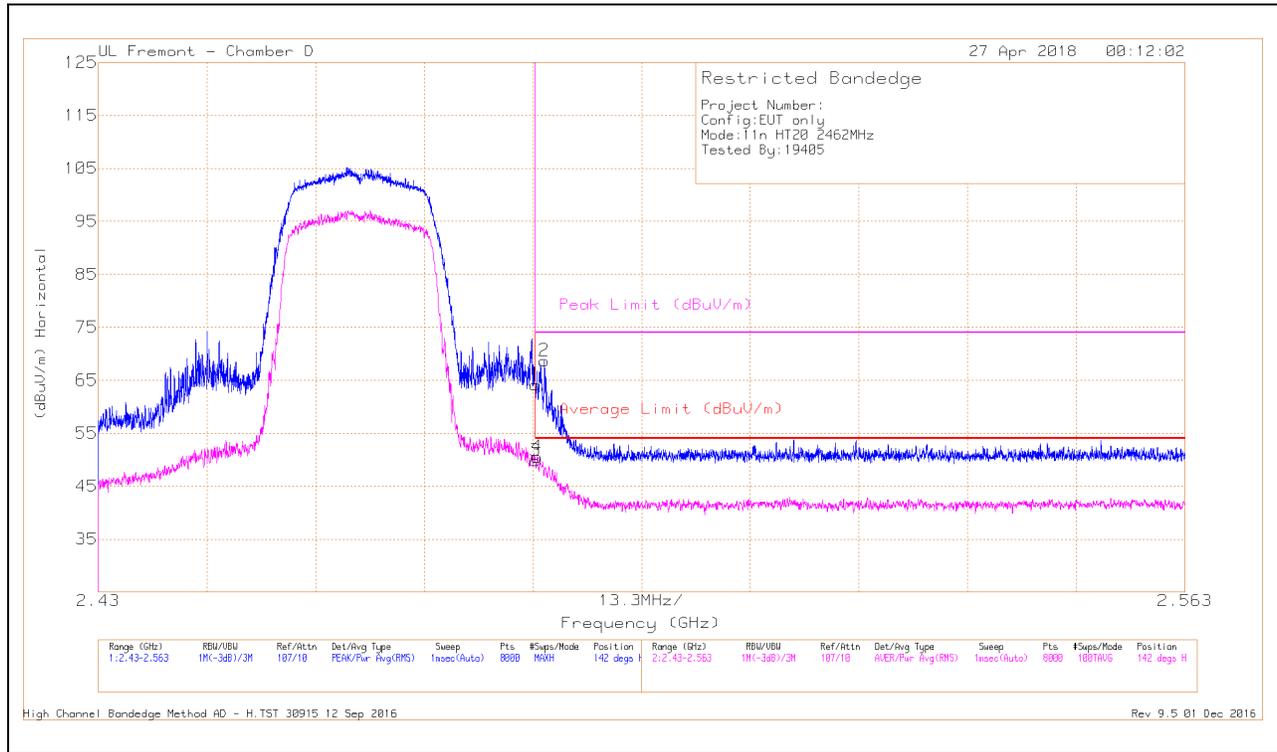


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	53.39	Pk	32.1	-22.3	63.19	-	-	74	-10.81	275	362	V
2	* 2.484	53.21	Pk	32.1	-22.3	63.01	-	-	74	-10.99	275	362	V
3	* 2.484	38.42	RMS	32.1	-22.3	48.22	54	-5.78	-	-	275	362	V
4	* 2.484	40.43	RMS	32.1	-22.3	50.23	54	-3.77	-	-	275	362	V

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

**BANDEDGE (HIGH CHANNEL 11)**

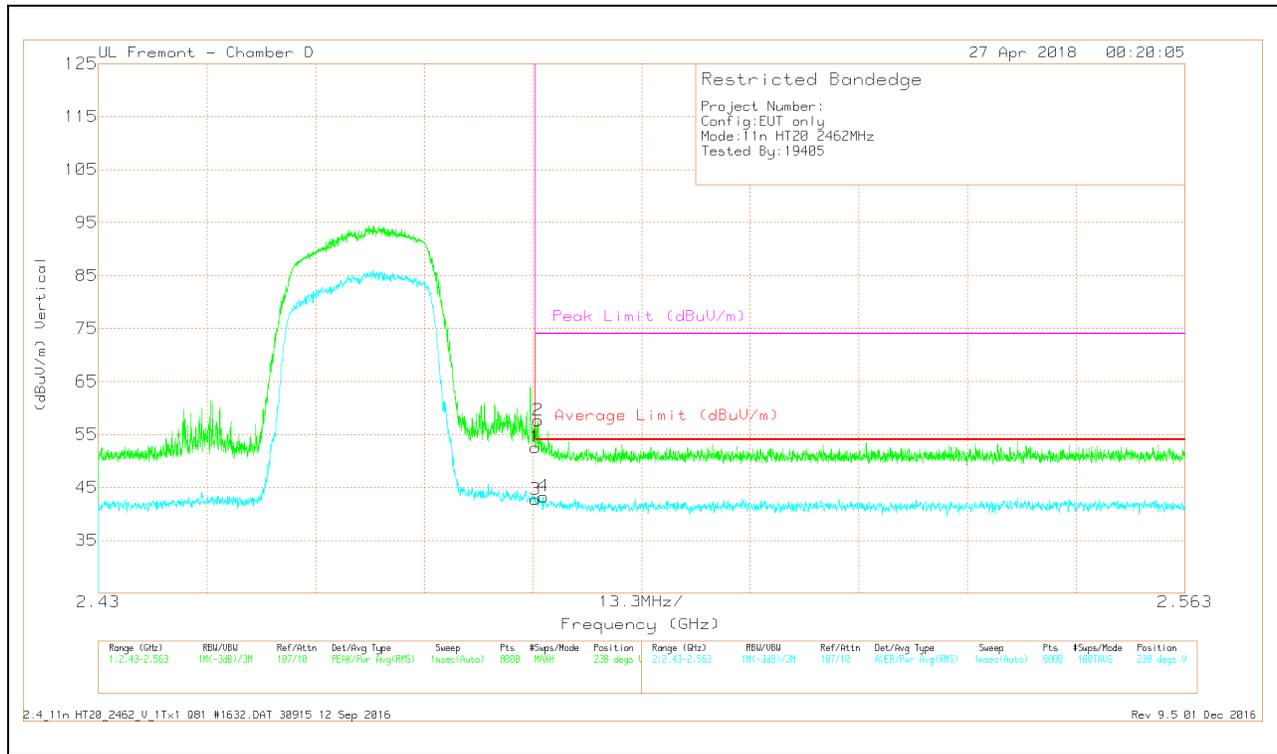
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.19	Pk	32.4	-20.4	64.19	-	-	74	-9.81	142	146	H
3	* 2.484	37.85	RMS	32.4	-20.4	49.85	54	-4.15	-	-	142	146	H
4	* 2.484	38.62	RMS	32.4	-20.5	50.52	54	-3.48	-	-	142	146	H
2	* 2.485	56.78	Pk	32.4	-20.5	68.68	-	-	74	-5.32	142	146	H

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

### VERTICAL RESULT

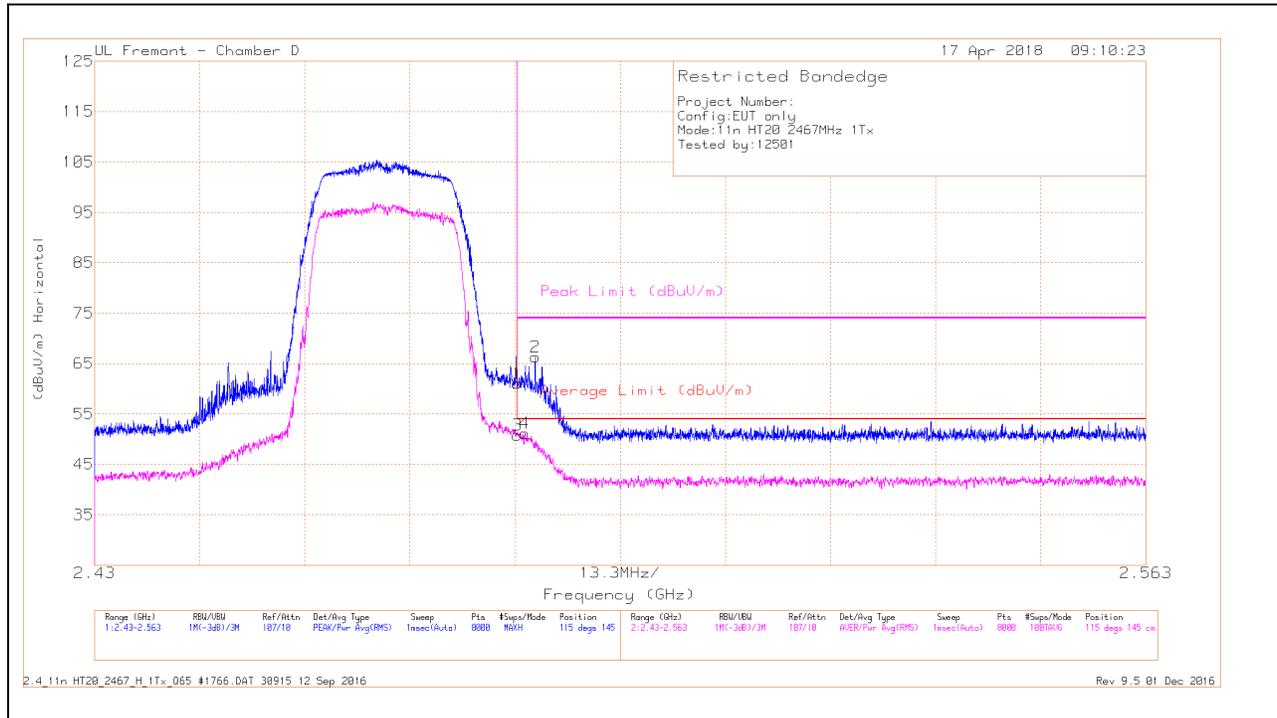


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.59	Pk	32.4	-20.4	52.59	-	-	74	-21.41	238	180	V
2	* 2.484	45.73	Pk	32.4	-20.5	57.63	-	-	74	-16.37	238	180	V
3	* 2.484	30.74	RMS	32.4	-20.4	42.74	54	-11.26	-	-	238	180	V
4	* 2.484	31.4	RMS	32.4	-20.5	43.3	54	-10.7	-	-	238	180	V

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

**BANDEDGE (HIGH CHANNEL 12)**

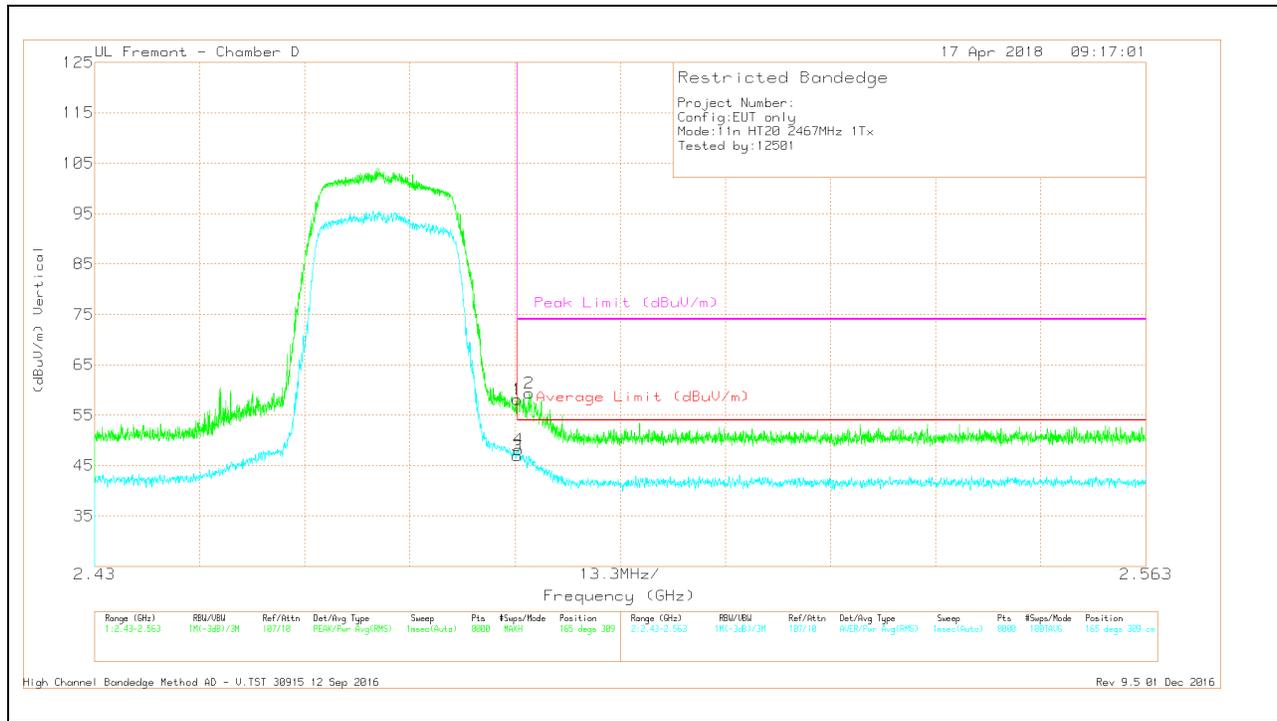
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cb/Fltr/PA d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.09	Pk	32.4	-20.4	61.09	-	-	74	-12.91	115	145	H
2	* 2.486	54.41	Pk	32.4	-20.5	66.31	-	-	74	-7.69	115	145	H
3	* 2.484	38.84	RMS	32.4	-20.4	50.84	54	-3.16	-	-	115	145	H
4	* 2.484	39.31	RMS	32.4	-20.5	51.21	54	-2.79	-	-	115	145	H

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

### VERTICAL RESULT

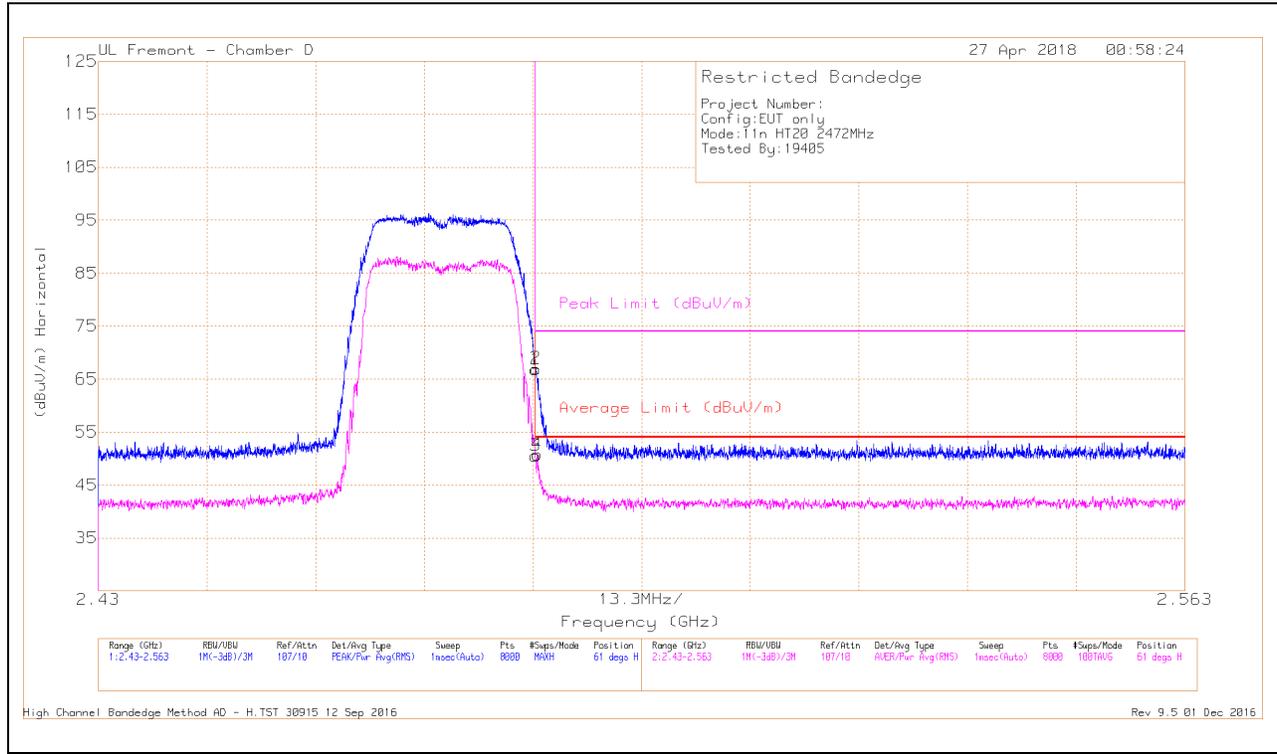


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.14	Pk	32.4	-20.4	58.14	-	-	74	-15.86	165	309	V
2	* 2.485	47.41	Pk	32.4	-20.5	59.31	-	-	74	-14.69	165	309	V
3	* 2.484	34.96	RMS	32.4	-20.4	46.96	54	-7.04	-	-	165	309	V
4	* 2.484	36.28	RMS	32.4	-20.5	48.18	54	-5.82	-	-	165	309	V

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

### BANEDGE (HIGH CHANNEL 13)

### HORIZONTAL RESULT



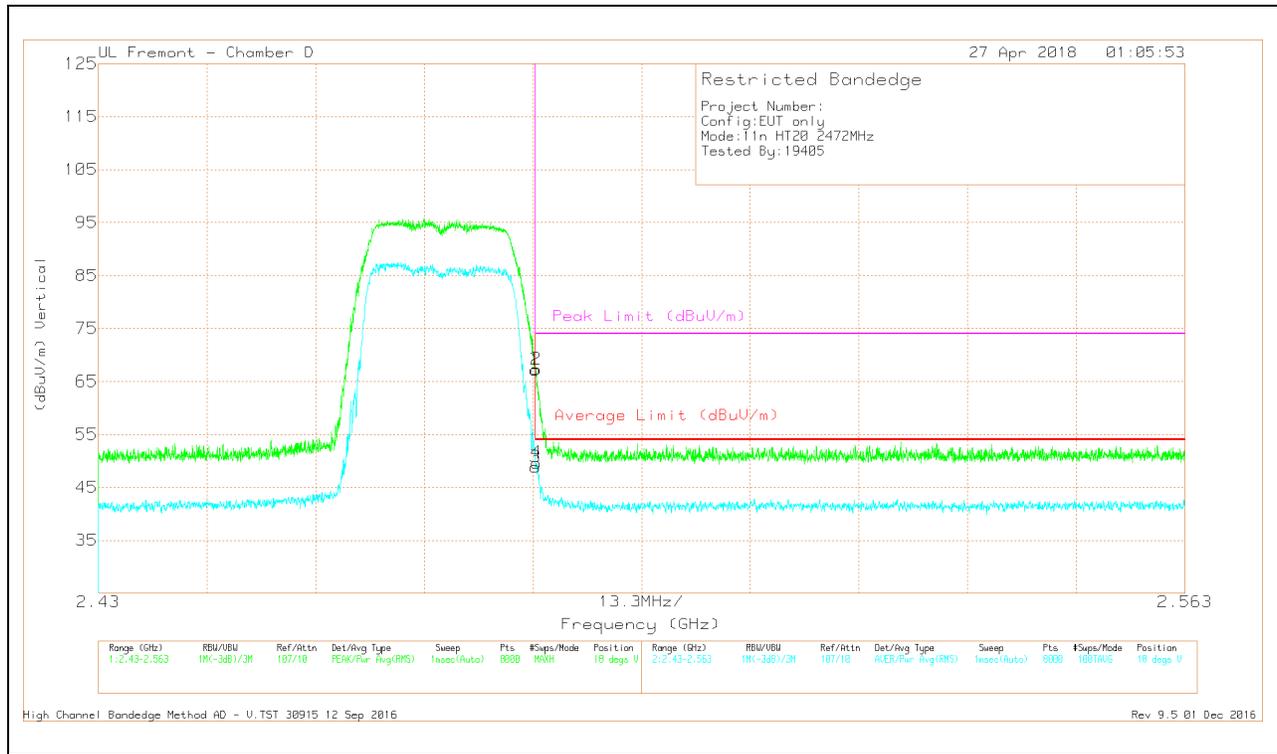
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb1/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.8	Pk	32.4	-20.4	66.8	-	-	74	-7.2	61	281	H
2	* 2.484	55.08	Pk	32.4	-20.5	66.98	-	-	74	-7.02	61	281	H
3	* 2.484	38.52	RMS	32.4	-20.4	50.52	54	-3.48	-	-	61	281	H
4	* 2.484	38.88	RMS	32.4	-20.5	50.78	54	-3.22	-	-	61	281	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 T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.16	Pk	32.4	-20.4	67.16	-	-	74	-6.84	18	368	V
2	* 2.484	55.42	Pk	32.4	-20.5	67.32	-	-	74	-6.68	18	368	V
3	* 2.484	36.84	RMS	32.4	-20.4	48.84	54	-5.16	-	-	18	368	V
4	* 2.484	37.74	RMS	32.4	-20.5	49.64	54	-4.36	-	-	18	368	V

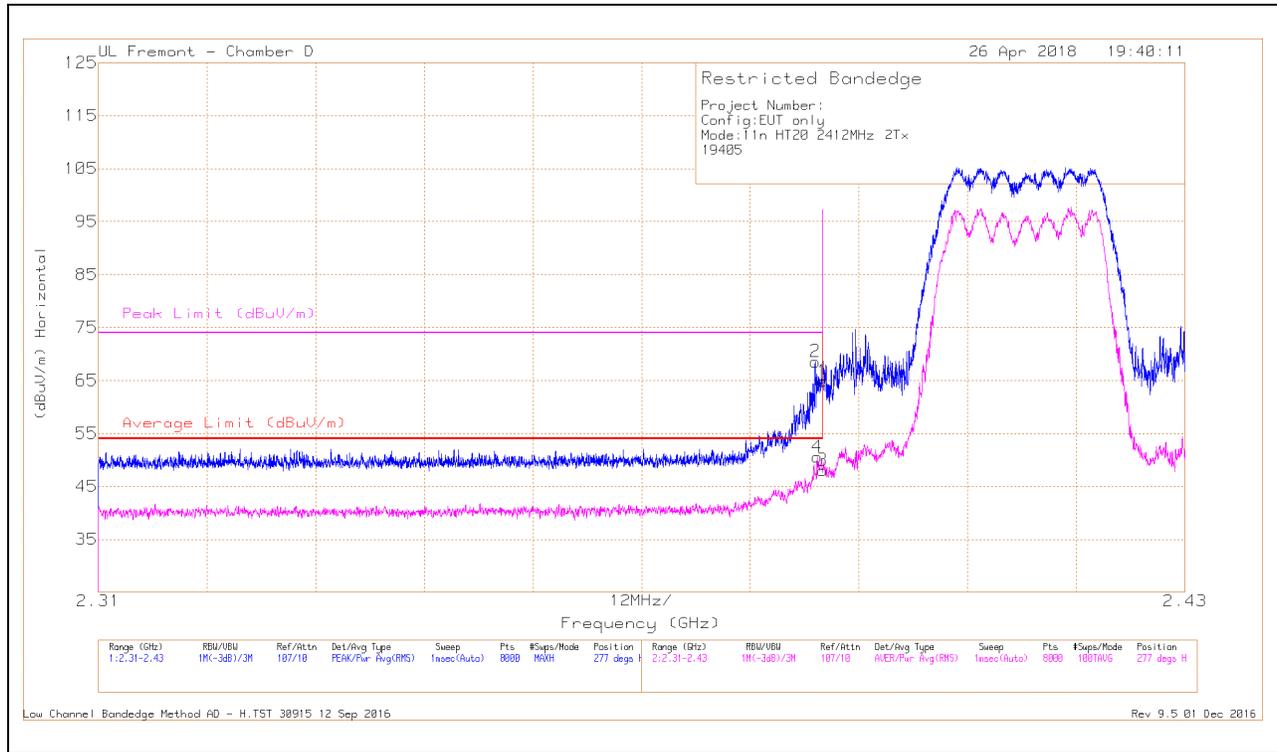
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**9.1.3. 802.11n 2TX CDD MODE IN THE 2.4 GHz BAND**

**2TX Antenna 4 + Antenna 3 CDD MODE**

**BANDEDGE (LOW CHANNEL, CH 1)**

**HORIZONTAL RESULT**



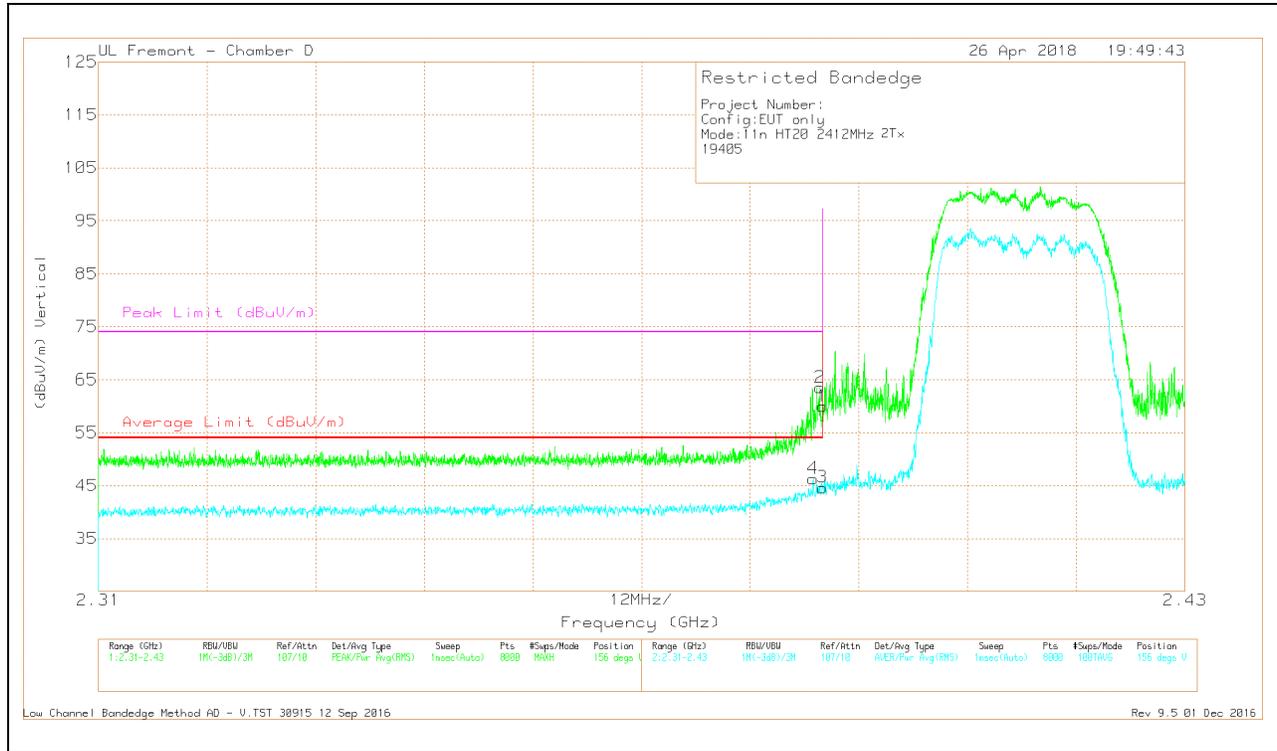
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.46	Pk	31.9	-20.5	64.86	-	-	74	-9.14	277	124	H
2	* 2.389	57.16	Pk	31.9	-20.5	68.56	-	-	74	-5.44	277	124	H
3	* 2.39	36.63	RMS	31.9	-20.5	48.03	54	-5.97	-	-	277	124	H
4	* 2.389	39.17	RMS	31.9	-20.5	50.57	54	-3.43	-	-	277	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 T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	48.56	Pk	31.9	-20.5	59.96	-	-	74	-14.04	156	390	V
2	* 2.39	52.12	Pk	31.9	-20.5	63.52	-	-	74	-10.48	156	390	V
3	* 2.39	33.24	RMS	31.9	-20.5	44.64	54	-9.36	-	-	156	390	V
4	* 2.389	34.91	RMS	31.9	-20.5	46.31	54	-7.69	-	-	156	390	V

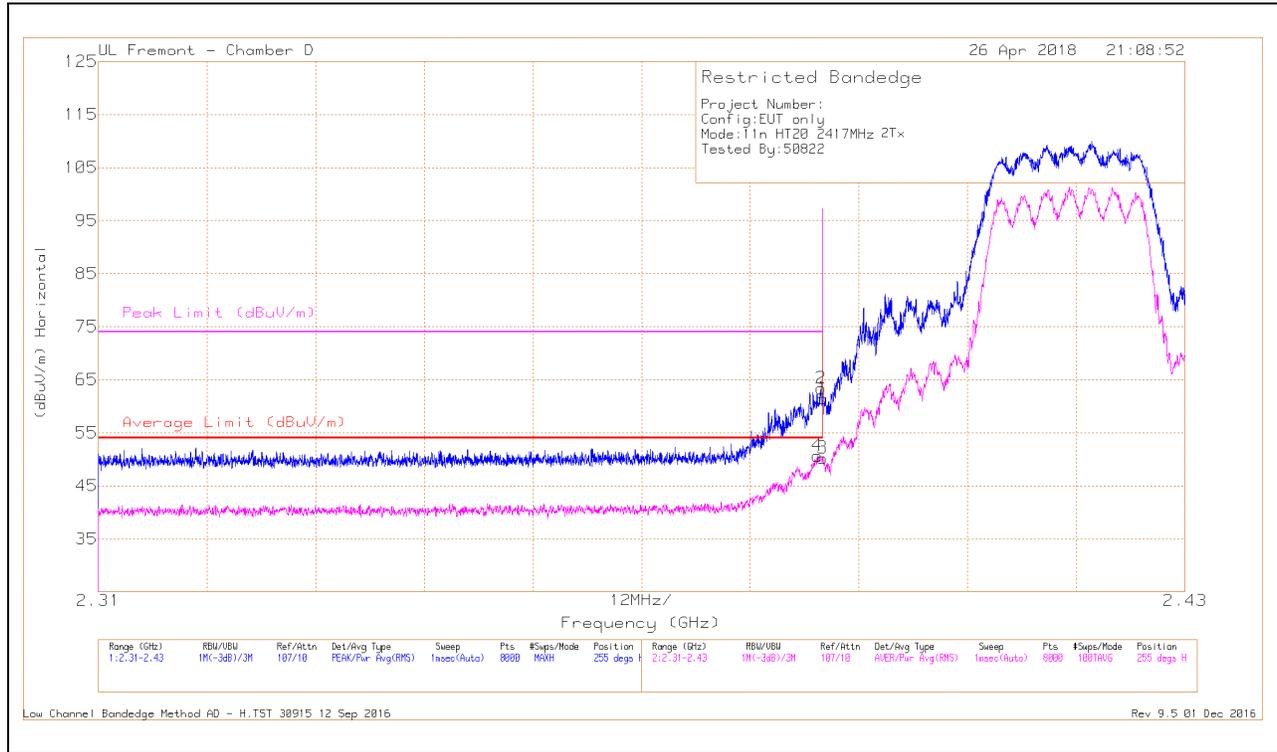
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BADEDGE (LOW CHANNEL, CH 2)**

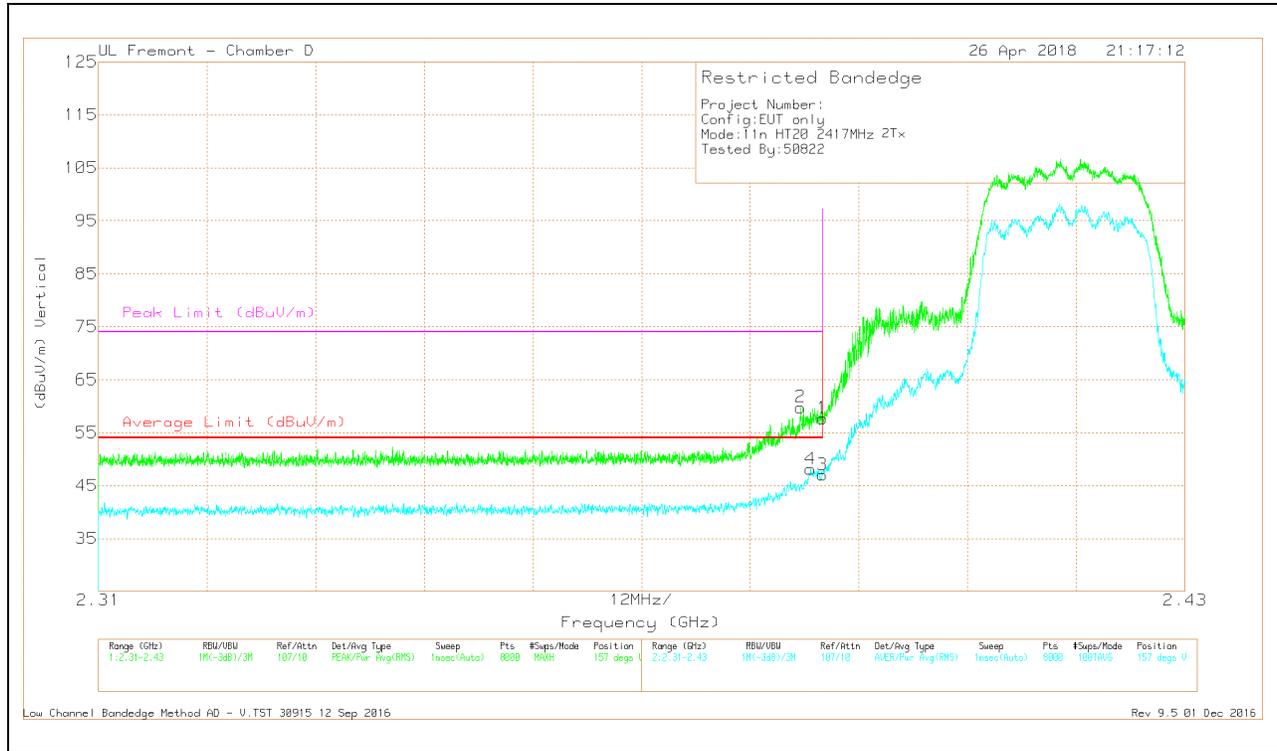
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.07	Pk	31.9	-20.5	61.47	-	-	74	-12.53	255	106	H
2	* 2.39	51.96	Pk	31.9	-20.5	63.36	-	-	74	-10.64	255	106	H
3	* 2.39	38.84	RMS	31.9	-20.5	50.24	54	-3.76	-	-	255	106	H
4	* 2.389	39.25	RMS	31.9	-20.5	50.65	54	-3.35	-	-	255	106	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 T136 (dB/m)	Amp/Cb/Fltr/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	* 2.388	48.39	Pk	31.9	-20.5	59.79	-	-	74	-14.21	157	389	V
4	* 2.389	36.74	RMS	31.9	-20.5	48.14	54	-5.86	-	-	157	389	V
1	* 2.39	46.3	Pk	31.9	-20.5	57.7	-	-	74	-16.3	157	389	V
3	* 2.39	35.63	RMS	31.9	-20.5	47.03	54	-6.97	-	-	157	389	V

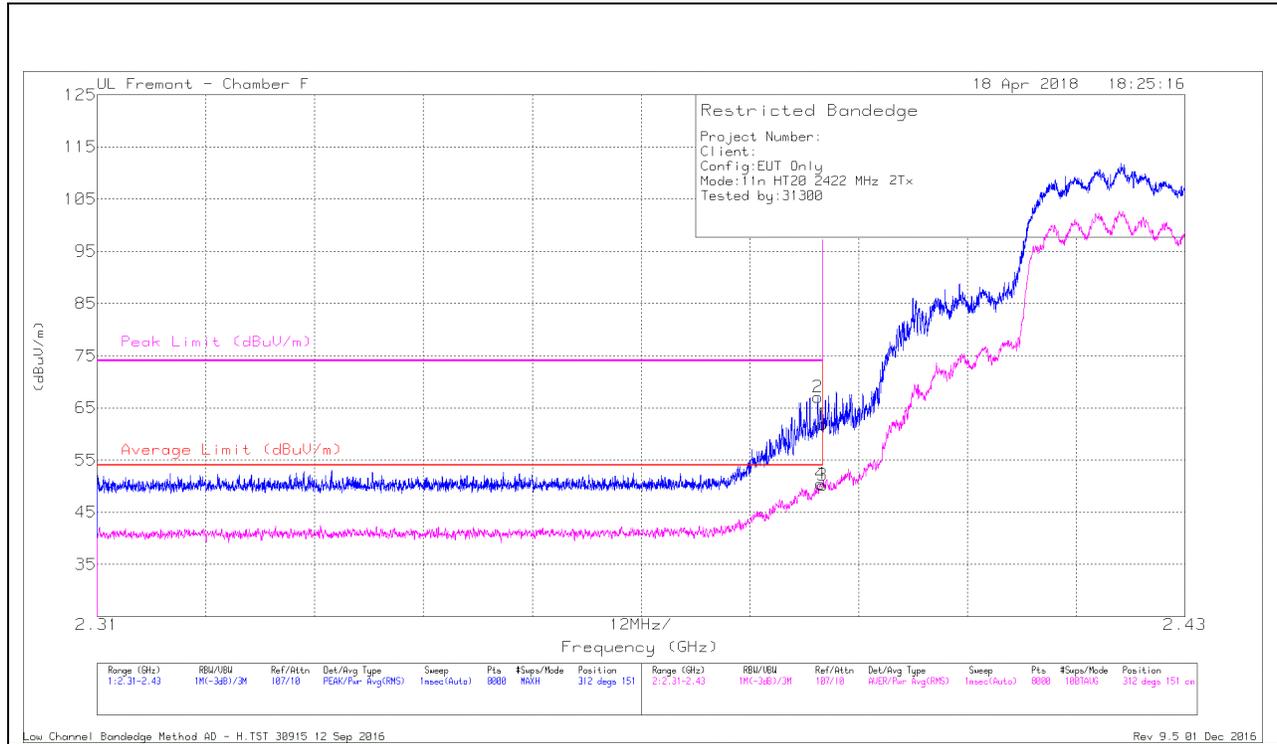
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BADEDGE (LOW CHANNEL, CH 3)**

**HORIZONTAL RESULT**



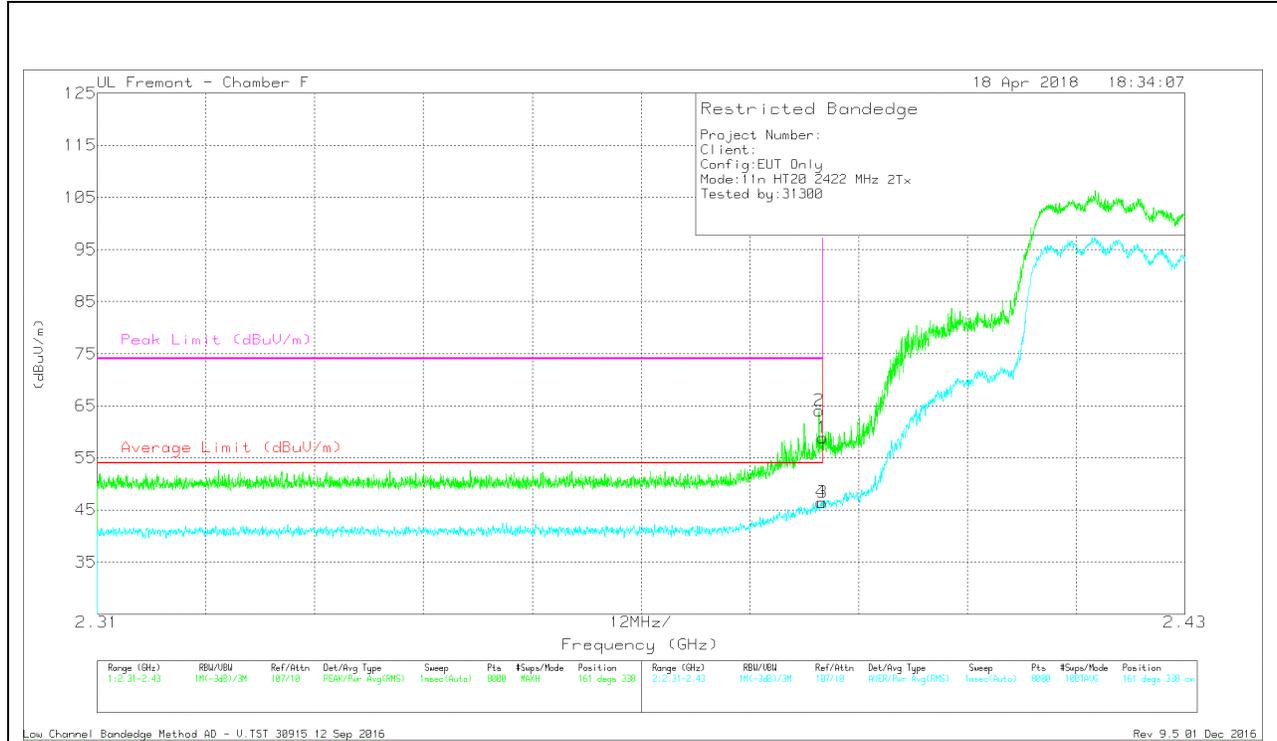
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	50.51	Pk	31.9	-20.6	61.81	-	-	74	-12.19	312	151	H
2	* 2.389	55.79	Pk	31.9	-20.6	67.09	-	-	74	-6.91	312	151	H
3	* 2.39	38.84	RMS	31.9	-20.6	50.14	54	-3.86	-	-	312	151	H
4	* 2.39	39.09	RMS	31.9	-20.6	50.39	54	-3.61	-	-	312	151	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/Cb1/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	47.57	Pk	31.9	-20.6	58.87	-	-	74	-15.13	161	338	V
2	* 2.39	52.74	Pk	31.9	-20.6	64.04	-	-	74	-9.96	161	338	V
3	* 2.39	35.18	RMS	31.9	-20.6	46.48	54	-7.52	-	-	161	338	V
4	* 2.39	35.13	RMS	31.9	-20.6	46.43	54	-7.57	-	-	161	338	V

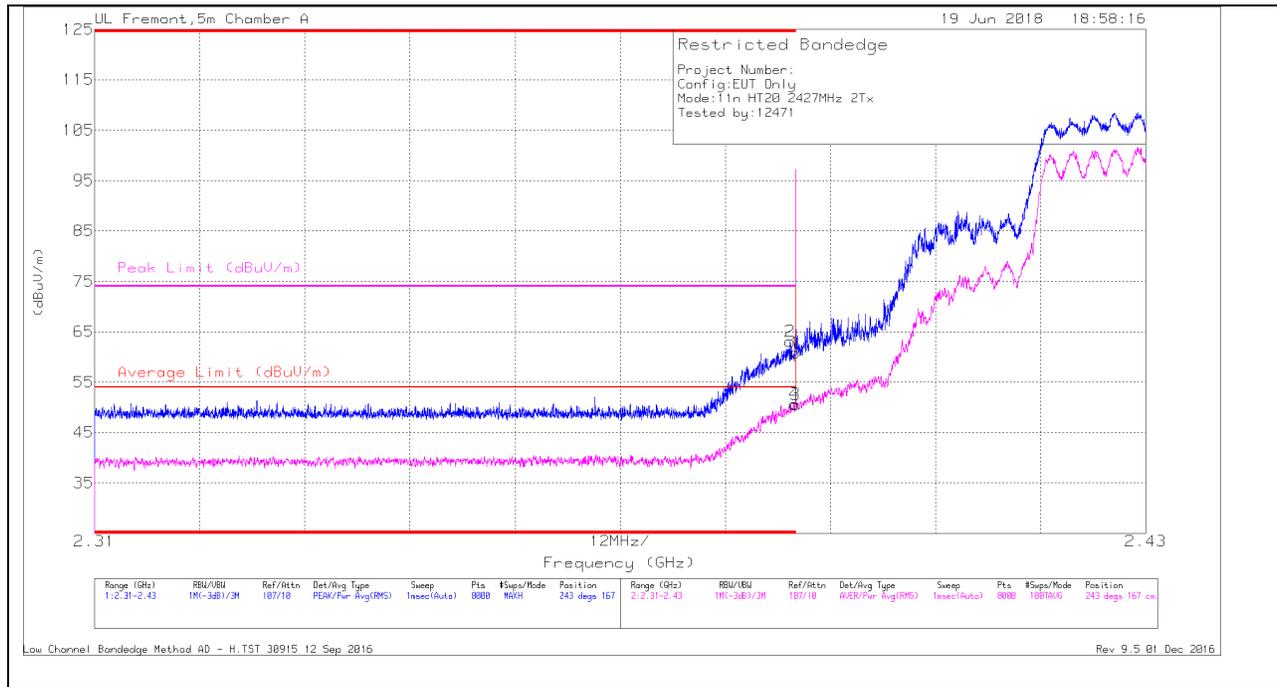
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BADEDGE (LOW CHANNEL, CH 4)**

**HORIZONTAL RESULT**



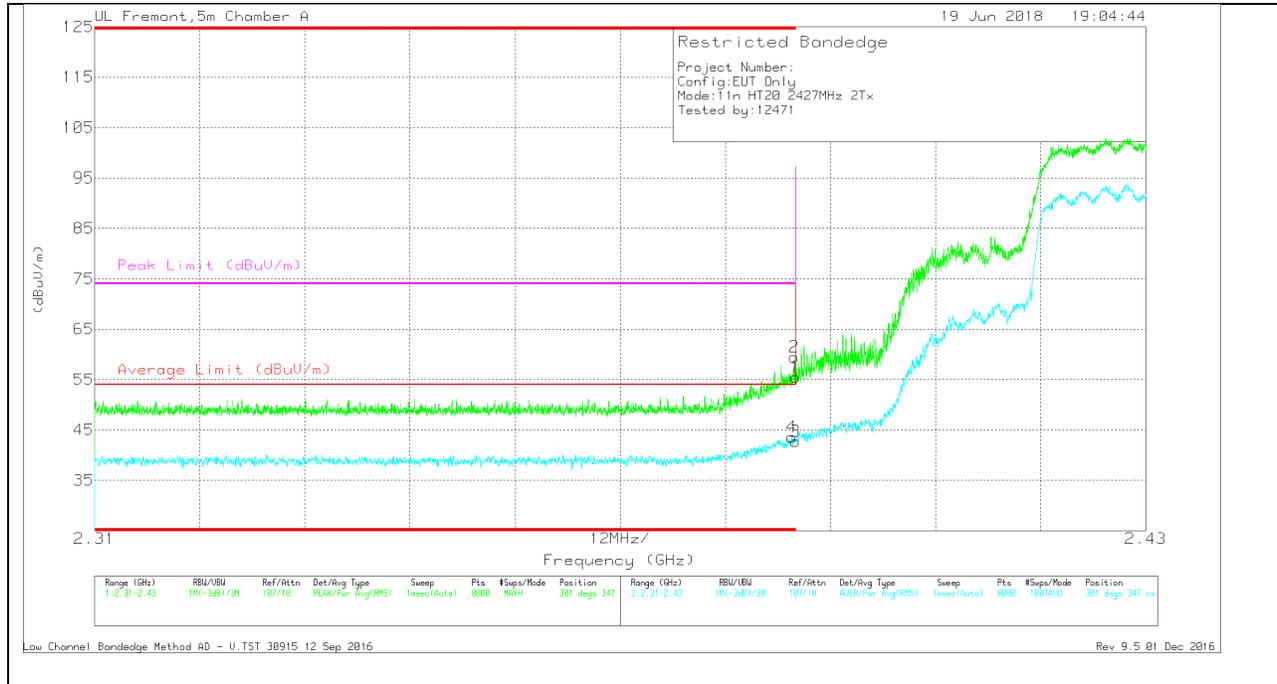
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.25	Pk	31.8	-22.2	60.85	-	-	74	-13.15	243	167	H
2	* 2.389	53.43	Pk	31.8	-22.2	63.03	-	-	74	-10.97	243	167	H
3	* 2.39	41	RMS	31.8	-22.2	50.6	54	-3.4	-	-	243	167	H
4	* 2.39	41.08	RMS	31.8	-22.2	50.68	54	-3.32	-	-	243	167	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 T862 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.91	Pk	31.8	-22.2	55.51	-	-	74	-18.49	301	347	V
2	* 2.39	49.93	Pk	31.8	-22.2	59.53	-	-	74	-14.47	301	347	V
3	* 2.39	33.14	RMS	31.8	-22.2	42.74	54	-11.26	-	-	301	347	V
4	* 2.39	33.98	RMS	31.8	-22.2	43.58	54	-10.42	-	-	301	347	V

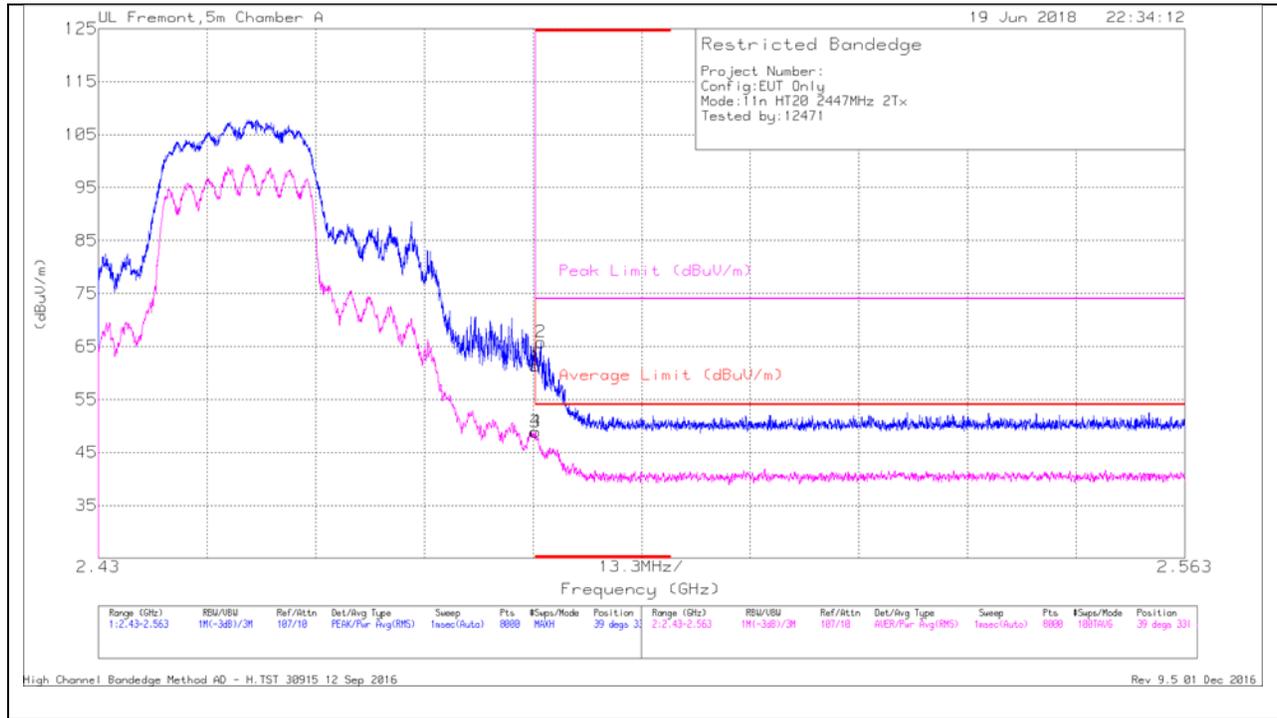
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 8)**

**HORIZONTAL RESULT**



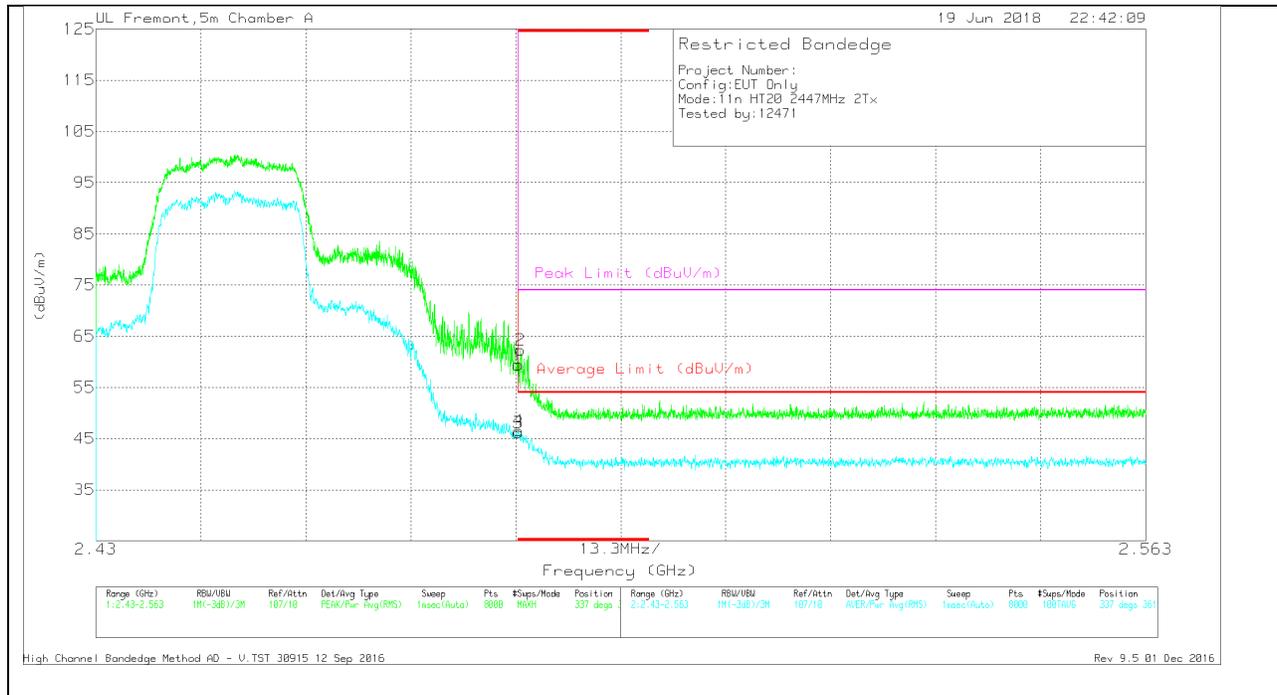
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	50.84	Pk	32.3	-21.8	61.34	-	-	74	-12.66	39	331	H
2	* 2.484	55.29	Pk	32.3	-21.8	65.79	-	-	74	-8.21	39	331	H
3	* 2.484	38.33	RMS	32.3	-21.8	48.83	54	-5.17	-	-	39	331	H
4	* 2.484	38.42	RMS	32.3	-21.8	48.92	54	-5.08	-	-	39	331	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

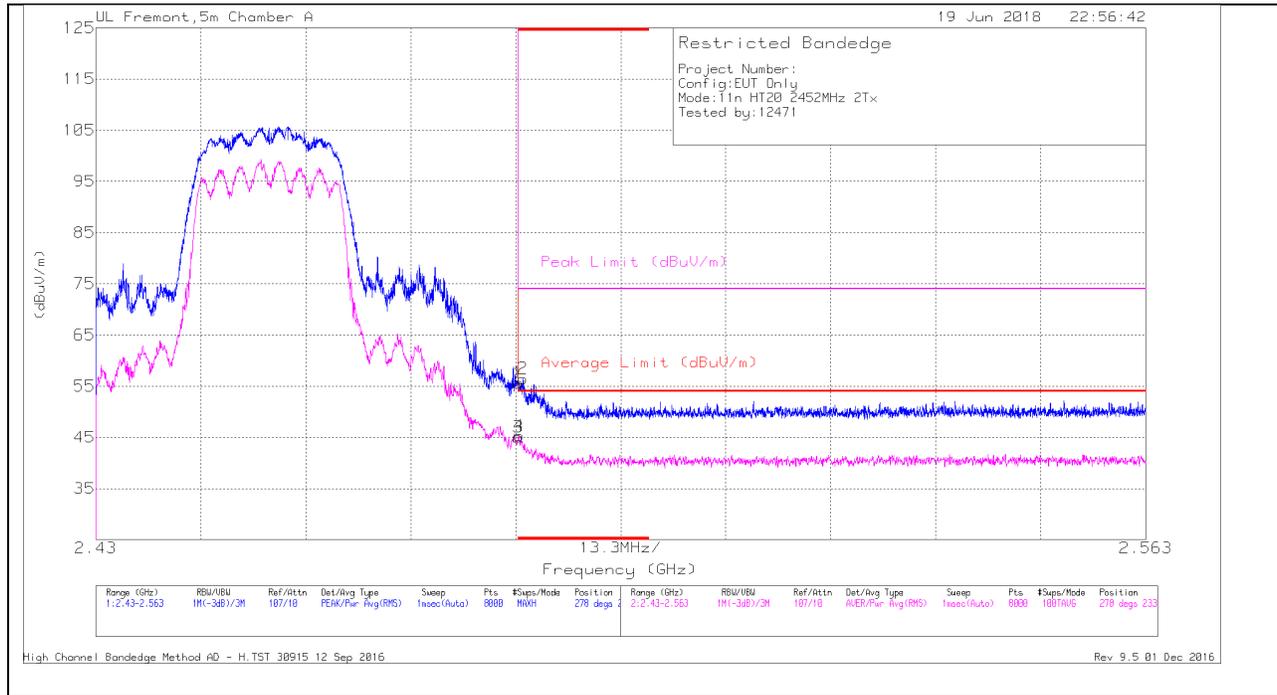


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	48.94	Pk	32.3	-21.8	59.44	-	-	74	-14.56	337	361	V
2	* 2.484	51.78	Pk	32.3	-21.8	62.28	-	-	74	-11.72	337	361	V
3	* 2.484	35.68	RMS	32.3	-21.8	46.18	54	-7.82	-	-	337	361	V
4	* 2.484	36.02	RMS	32.3	-21.8	46.52	54	-7.48	-	-	337	361	V

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

**BANEDGE (HIGH CHANNEL 9)**

**HORIZONTAL RESULT**



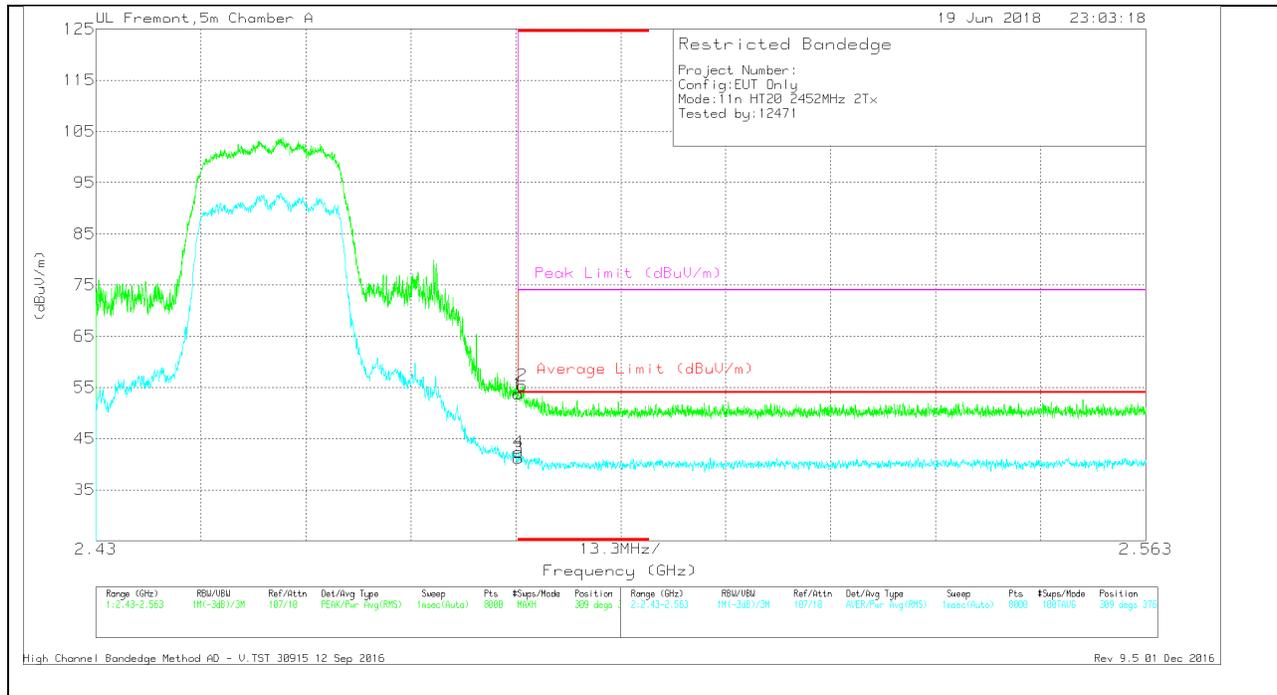
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT862 (dB/m)	Amp/Cbl/Fitr/Paid (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.15	Pk	32.3	-21.8	55.65	-	-	74	-18.35	278	233	H
2	* 2.484	45.98	Pk	32.3	-21.8	56.48	-	-	74	-17.52	278	233	H
3	* 2.484	34.55	RMS	32.3	-21.8	45.05	54	-8.95	-	-	278	233	H
4	* 2.484	34.79	RMS	32.3	-21.8	45.29	54	-8.71	-	-	278	233	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

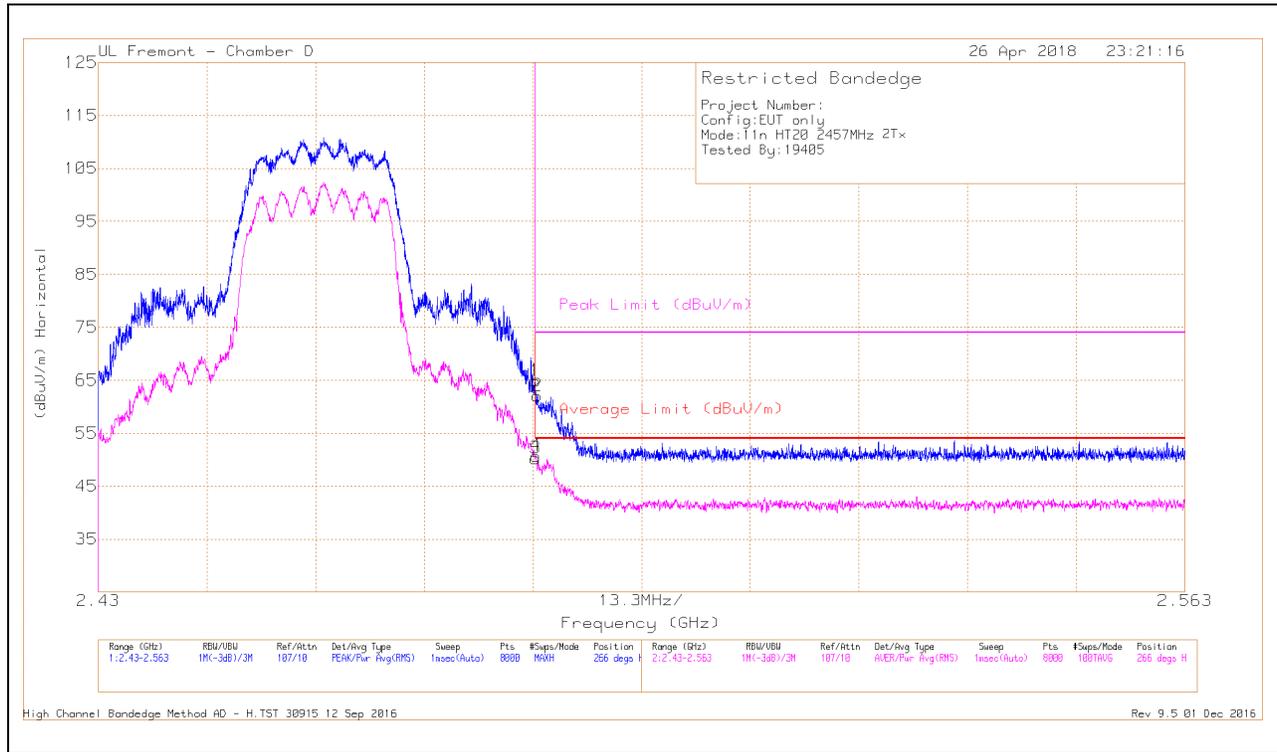


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.22	Pk	32.3	-21.8	53.72	-	-	74	-20.28	309	376	V
2	* 2.484	44.87	Pk	32.3	-21.8	55.37	-	-	74	-18.63	309	376	V
3	* 2.484	30.7	RMS	32.3	-21.8	41.2	54	-12.8	-	-	309	376	V
4	* 2.484	31.84	RMS	32.3	-21.8	42.34	54	-11.66	-	-	309	376	V

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

**BANDEDGE (HIGH CHANNEL 10)**

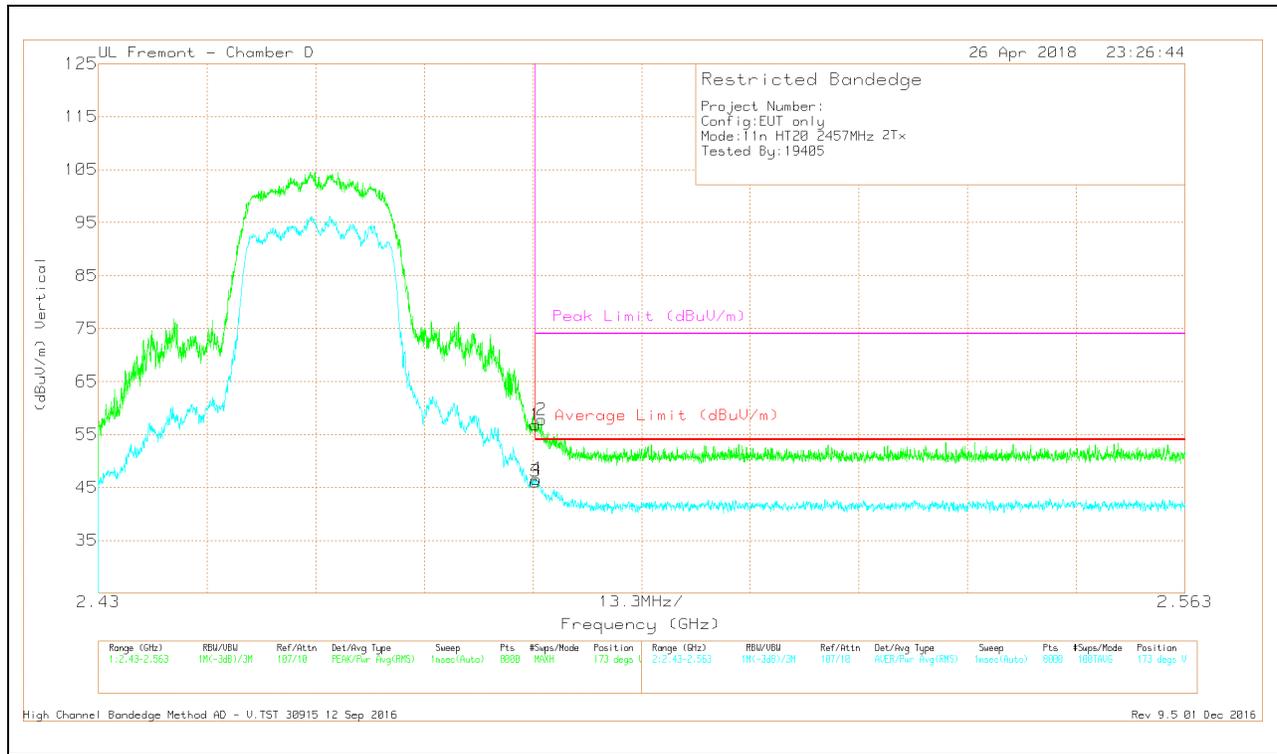
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/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	52.9	Pk	32.4	-20.4	64.9	-	-	74	-9.1	266	120	H
2	* 2.484	50.2	Pk	32.4	-20.5	62.1	-	-	74	-11.9	266	120	H
3	* 2.484	38.27	RMS	32.4	-20.4	50.27	54	-3.73	-	-	266	120	H
4	* 2.484	38.84	RMS	32.4	-20.5	50.74	54	-3.26	-	-	266	120	H

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

### VERTICAL RESULT

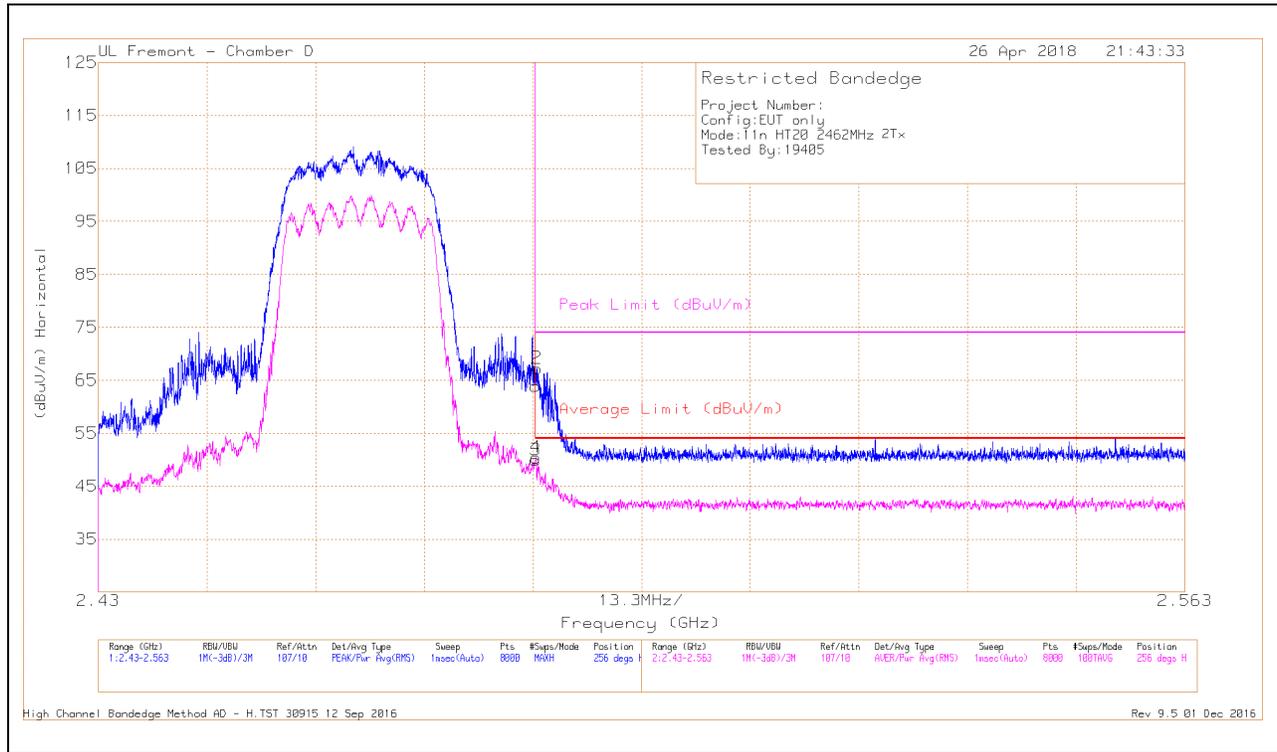


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.81	Pk	32.4	-20.4	56.81	-	-	74	-17.19	173	322	V
2	* 2.484	45.86	Pk	32.4	-20.5	57.76	-	-	74	-16.24	173	322	V
3	* 2.484	34.12	RMS	32.4	-20.4	46.12	54	-7.88	-	-	173	322	V
4	* 2.484	34.67	RMS	32.4	-20.5	46.57	54	-7.43	-	-	173	322	V

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

**BANDEDGE (HIGH CHANNEL 11)**

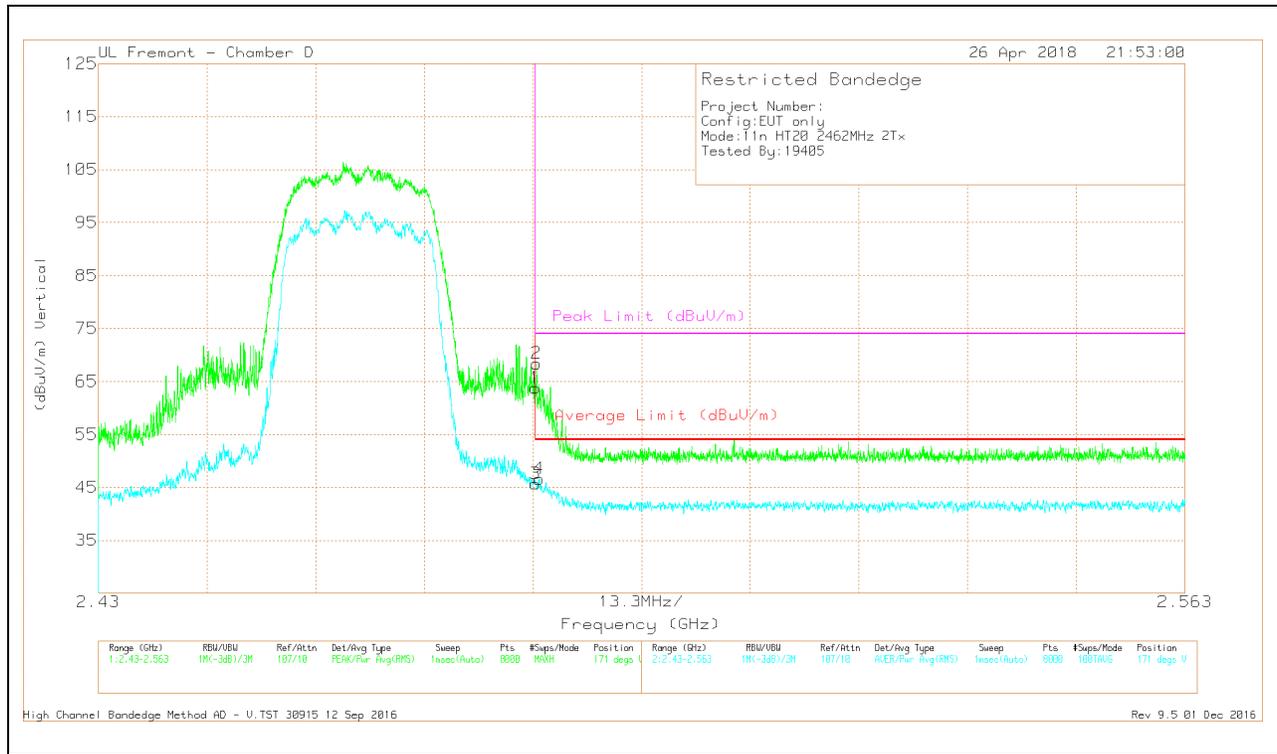
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.94	Pk	32.4	-20.4	63.94	-	-	74	-10.06	256	320	H
2	* 2.484	55.33	Pk	32.4	-20.5	67.23	-	-	74	-6.77	256	320	H
3	* 2.484	37.96	RMS	32.4	-20.4	49.96	54	-4.04	-	-	256	320	H
4	* 2.484	38.5	RMS	32.4	-20.5	50.4	54	-3.6	-	-	256	320	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 T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.74	Pk	32.4	-20.4	63.74	-	-	74	-10.26	171	366	V
2	* 2.484	56.47	Pk	32.4	-20.5	68.37	-	-	74	-5.63	171	366	V
3	* 2.484	33.68	RMS	32.4	-20.4	45.68	54	-8.32	-	-	171	366	V
4	* 2.484	34.71	RMS	32.4	-20.5	46.61	54	-7.39	-	-	171	366	V

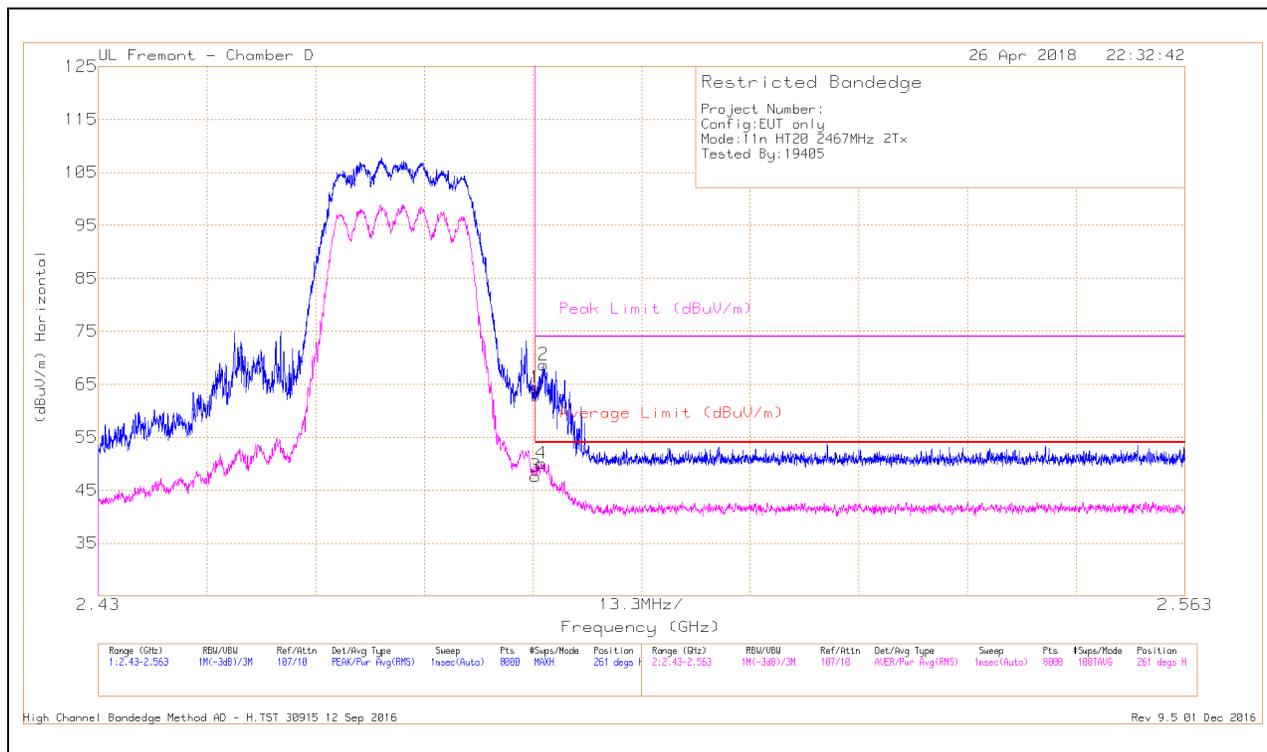
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL 12)**

**HORIZONTAL RESULT**



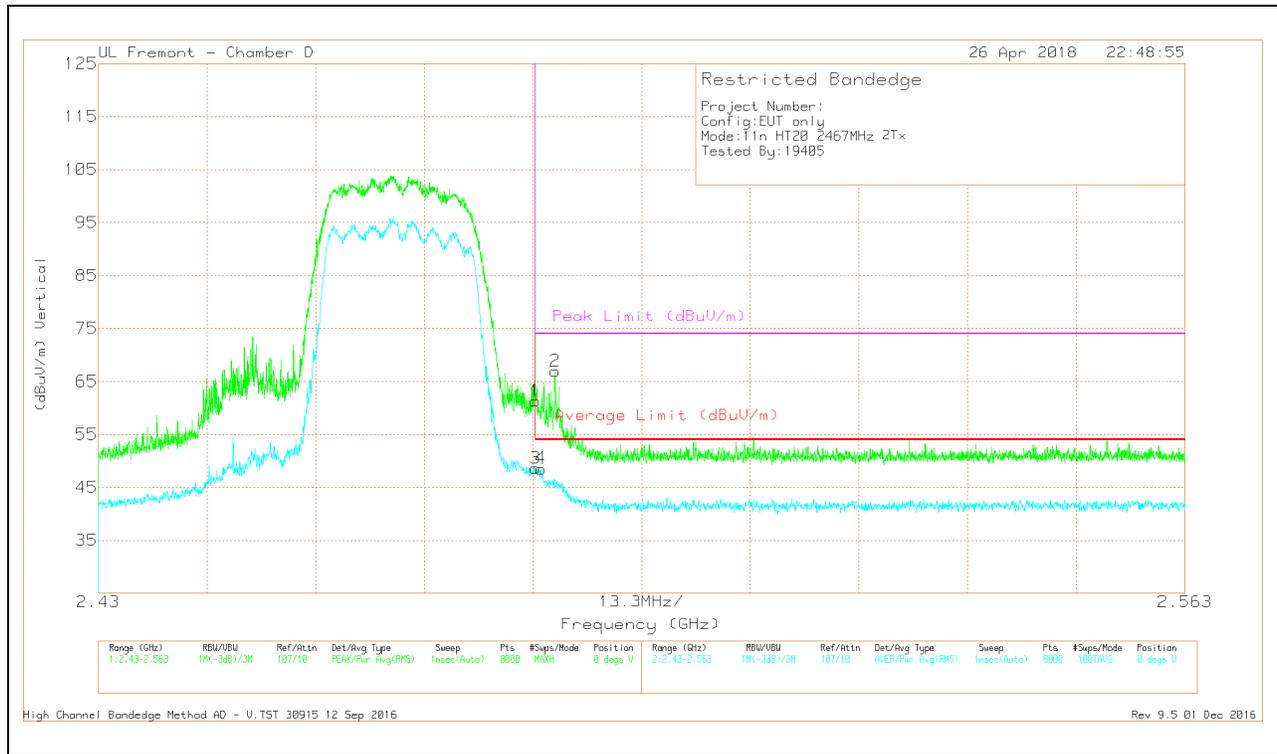
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.33	Pk	32.4	-20.4	64.33	-	-	74	-9.67	261	248	H
3	* 2.484	35.66	RMS	32.4	-20.4	47.66	54	-6.34	-	-	261	248	H
4	* 2.484	38.16	RMS	32.4	-20.5	50.06	54	-3.94	-	-	261	248	H
2	* 2.485	56.79	Pk	32.4	-20.5	68.69	-	-	74	-5.31	261	248	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

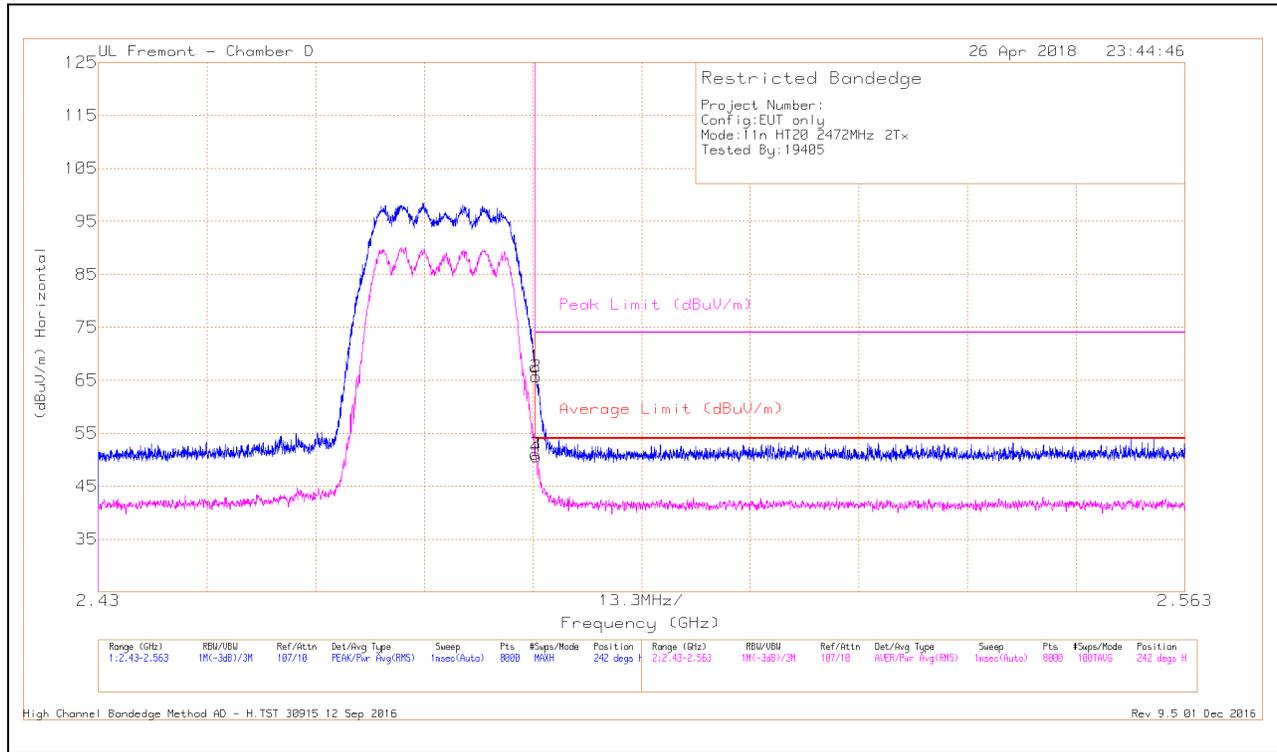


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.3	Pk	32.4	-20.4	61.3	-	-	74	-12.7	0	365	V
3	* 2.484	36.59	RMS	32.4	-20.4	48.59	54	-5.41	-	-	0	365	V
4	* 2.484	36.63	RMS	32.4	-20.5	48.53	54	-5.47	-	-	0	365	V
2	* 2.486	55.04	Pk	32.4	-20.5	66.94	-	-	74	-7.06	0	365	V

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

**BANDEDGE (HIGH CHANNEL 13)**

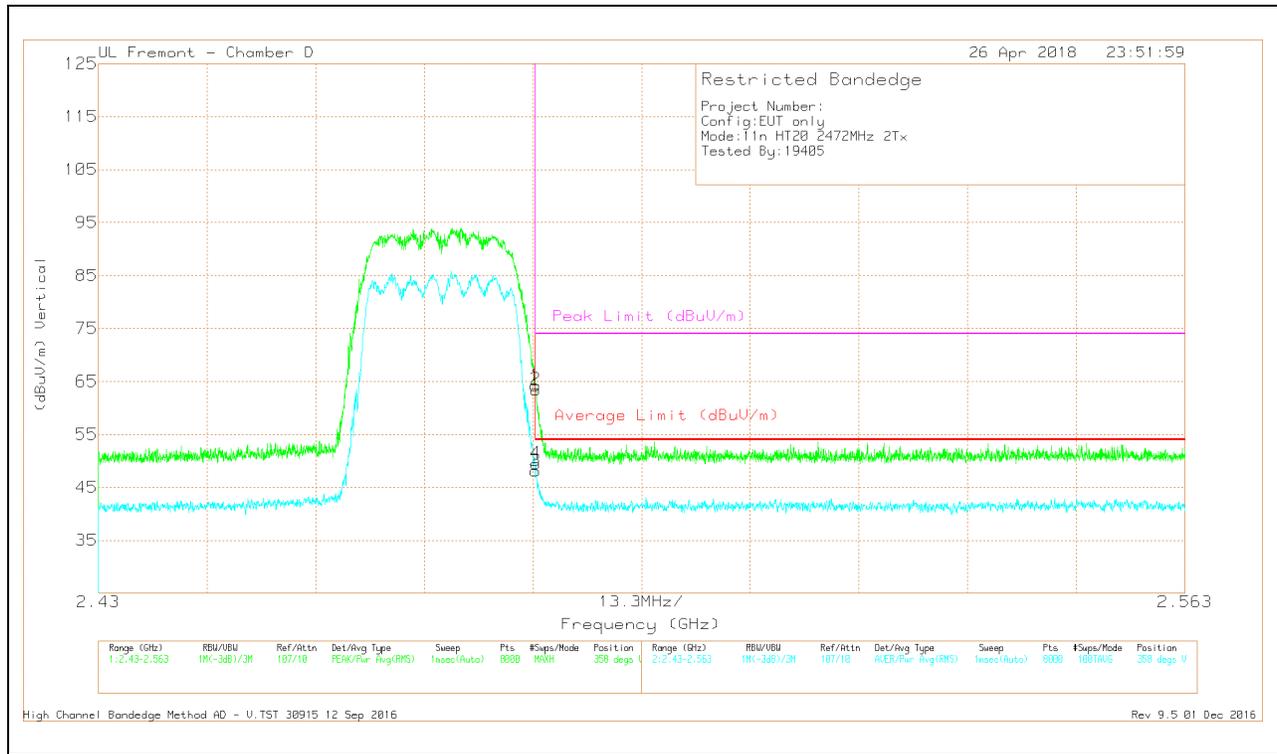
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/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	55.56	Pk	32.4	-20.4	67.56	-	-	74	-6.44	242	247	H
2	* 2.484	53.82	Pk	32.4	-20.5	65.72	-	-	74	-8.28	242	247	H
3	* 2.484	39.07	RMS	32.4	-20.4	51.07	54	-2.93	-	-	242	247	H
4	* 2.484	38.71	RMS	32.4	-20.5	50.61	54	-3.39	-	-	242	247	H

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

### VERTICAL RESULT



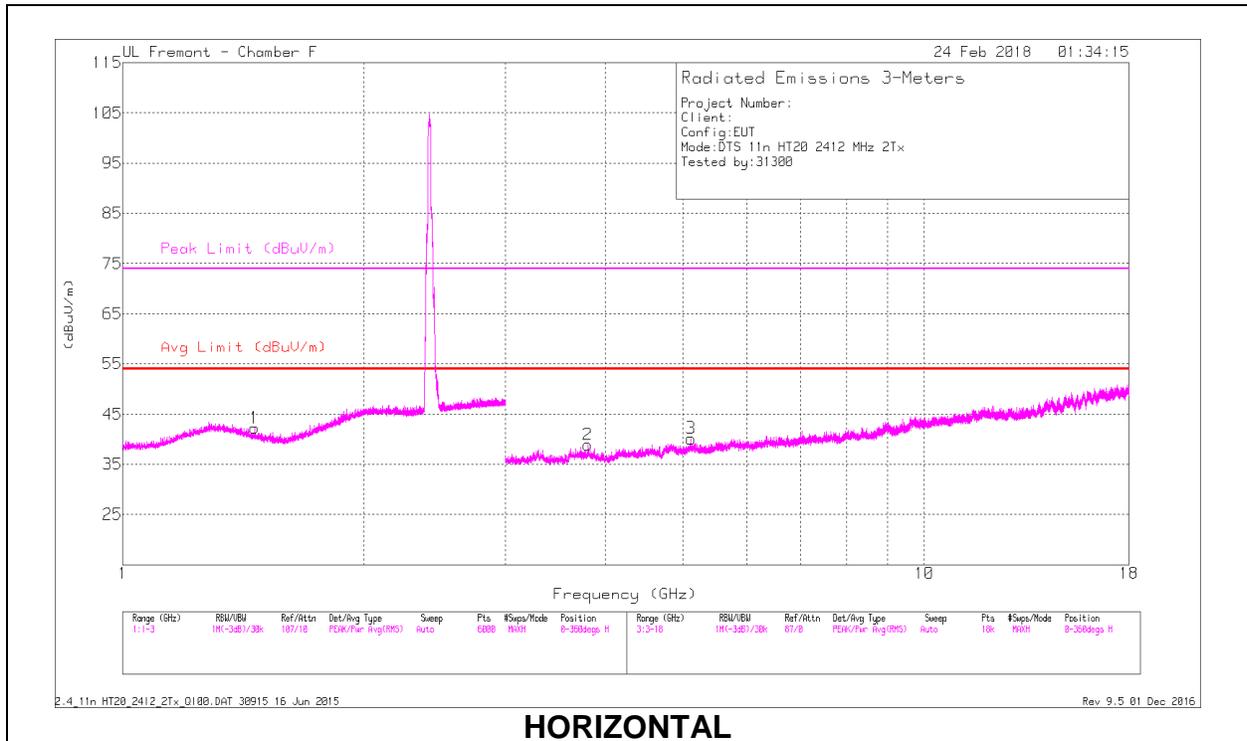
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	52.23	Pk	32.4	-20.4	64.23	-	-	74	-9.77	358	320	V
2	* 2.484	51.53	Pk	32.4	-20.5	63.43	-	-	74	-10.57	358	320	V
3	* 2.484	36.13	RMS	32.4	-20.4	48.13	54	-5.87	-	-	358	320	V
4	* 2.484	37.6	RMS	32.4	-20.5	49.5	54	-4.5	-	-	358	320	V

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

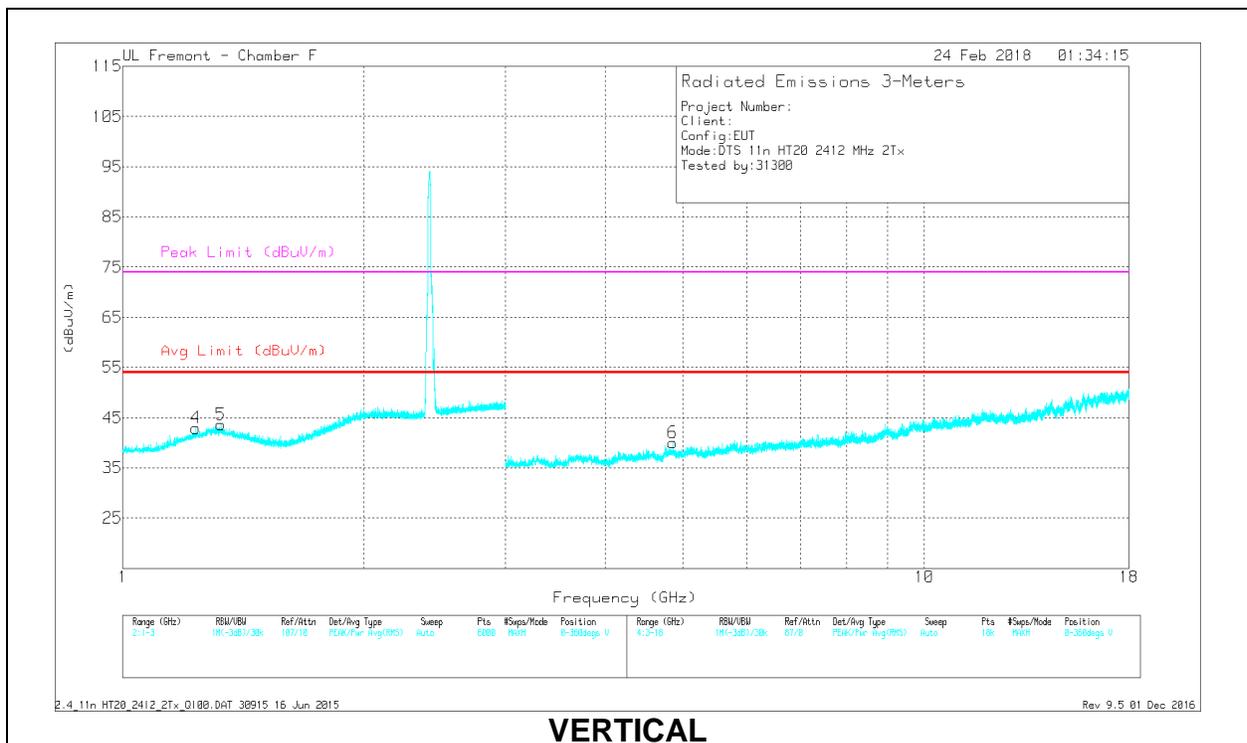
**2TX Antenna 4 + Antenna 3 CDD MODE**

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

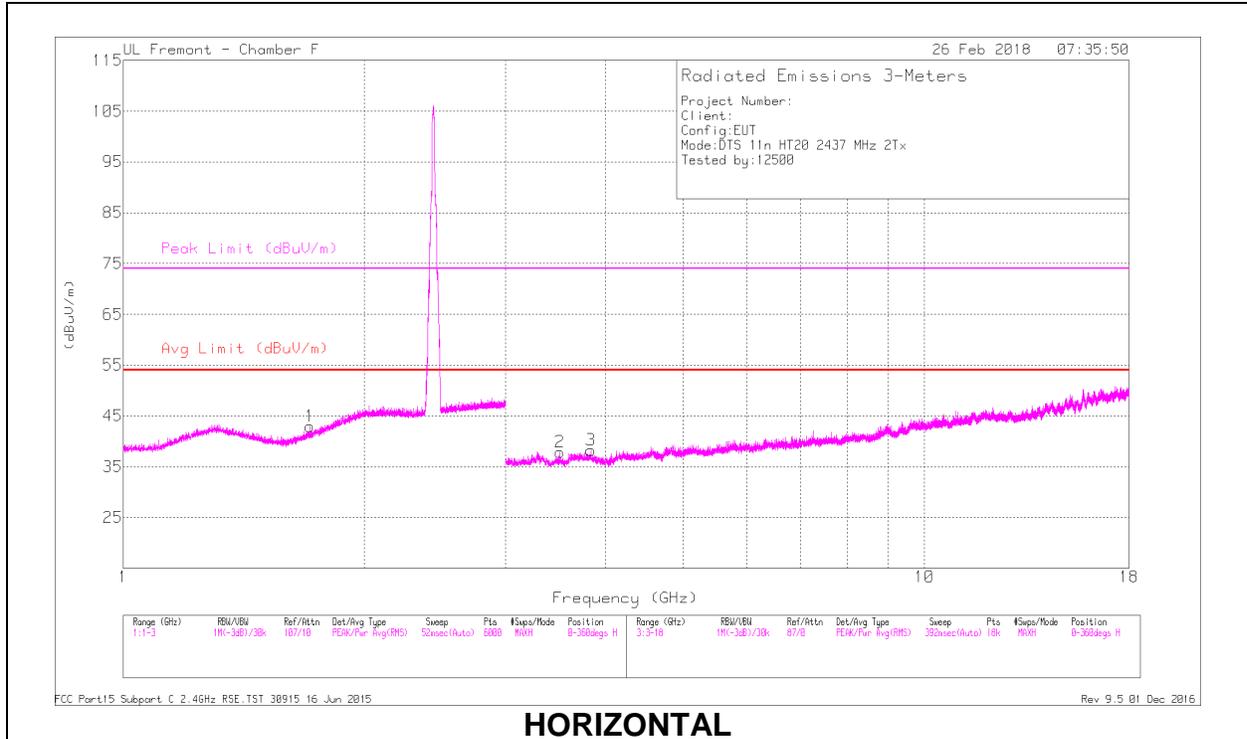
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.46	35.61	PK2	28.3	-21.7	42.21	-	-	74	-31.79	360	201	H
	* 1.459	26.8	MAv1	28.3	-21.7	33.4	54	-20.6	-	-	115	396	H
4	* 1.232	42.15	PK2	29.3	-22.1	49.35	-	-	74	-24.65	345	331	V
	* 1.234	30.11	MAv1	29.3	-22.1	37.31	54	-16.69	-	-	345	331	V
5	* 1.325	41.96	PK2	29.9	-21.9	49.96	-	-	74	-24.04	65	392	V
	* 1.327	29.97	MAv1	29.8	-21.9	37.87	54	-16.13	-	-	65	392	V
2	* 3.802	38.98	PK2	33.3	-28.2	44.08	-	-	74	-29.92	178	379	H
	* 3.804	27.42	MAv1	33.3	-28.2	32.52	54	-21.48	-	-	178	379	H
3	* 5.115	38.26	PK2	34.4	-26.5	46.16	-	-	74	-27.84	248	121	H
	* 5.114	26.6	MAv1	34.4	-26.6	34.4	54	-19.6	-	-	248	121	H
6	* 4.855	38.26	PK2	34.2	-27.4	45.06	-	-	74	-28.94	131	116	V
	* 4.853	26.53	MAv1	34.2	-27.3	33.43	54	-20.57	-	-	131	116	V

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

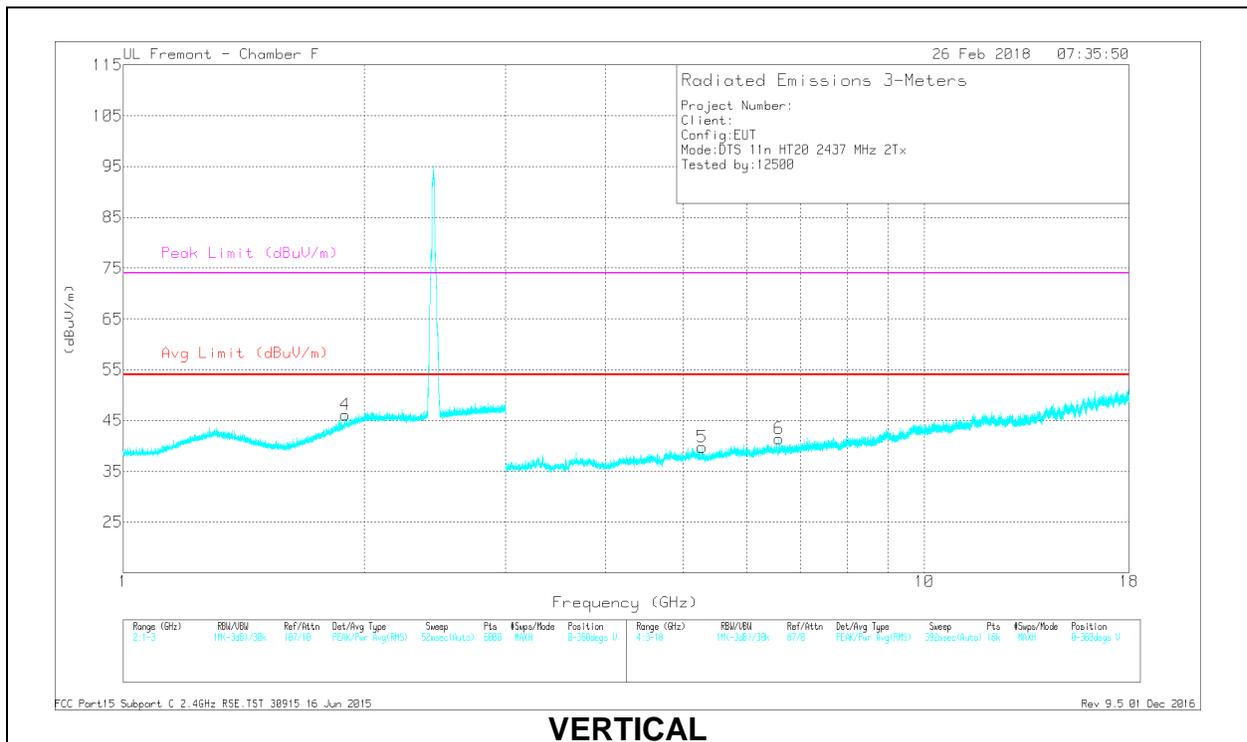
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

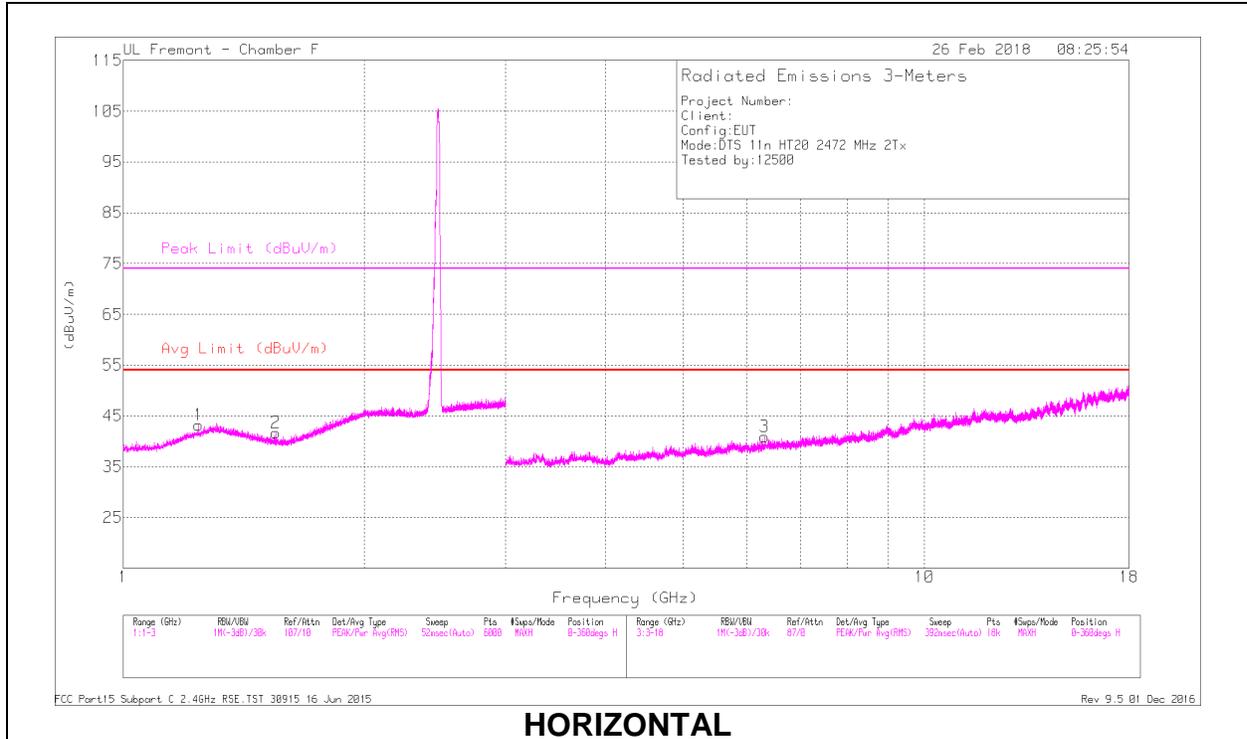
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.71	41.91	PK2	28.5	-21.4	49.01	-	-	74	-24.99	262	371	H
	* 1.71	29.8	MAv1	28.5	-21.4	36.9	54	-17.1	-	-	262	371	H
4	1.892	41.99	PK2	31.1	-21.1	51.99	-	-	-	-	187	173	V
2	* 3.51	38.9	PK2	33	-28.1	43.8	-	-	74	-30.2	351	269	H
	* 3.509	27.02	MAv1	33	-28.1	31.92	54	-22.08	-	-	351	269	H
3	* 3.834	39.14	PK2	33.3	-27.9	44.54	-	-	74	-29.46	121	342	H
	* 3.833	27.65	MAv1	33.3	-27.9	33.05	54	-20.95	-	-	121	342	H
5	5.276	38.56	PK2	34.7	-27.9	45.36	-	-	-	-	165	314	V
6	6.586	38.16	PK2	35.7	-26.4	47.46	-	-	-	-	138	134	V

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

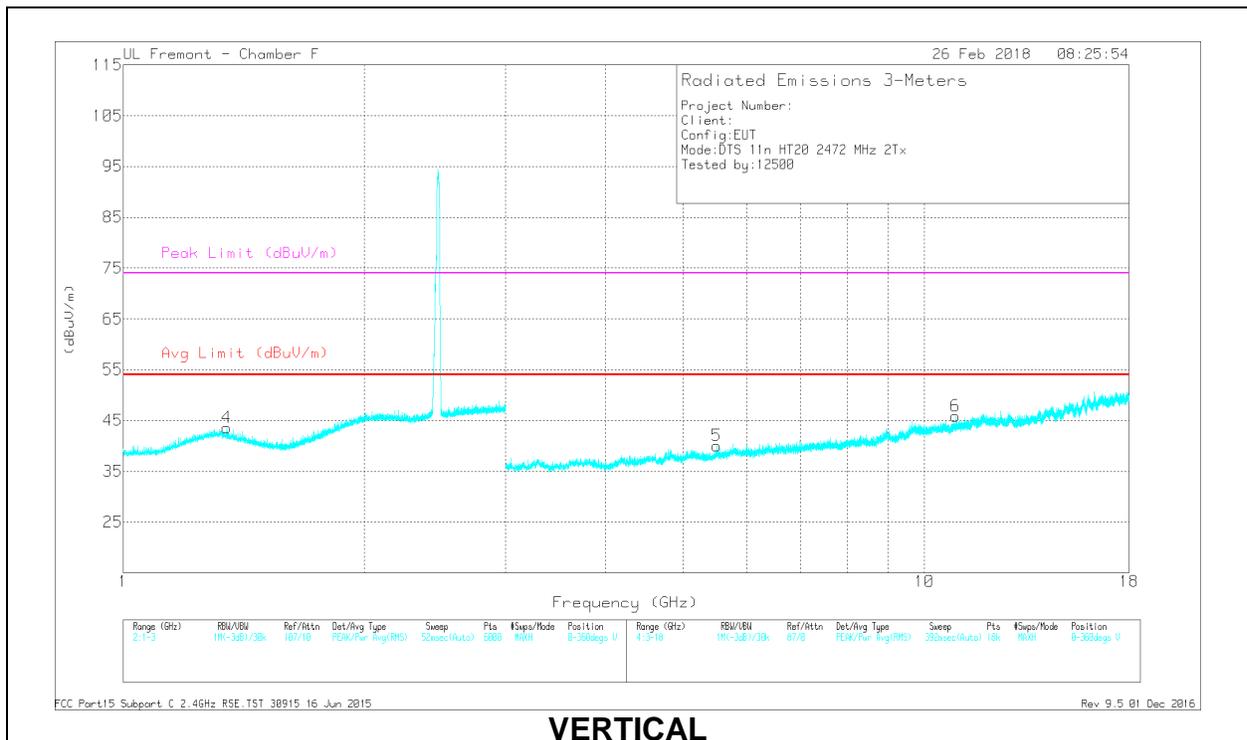
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 13 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

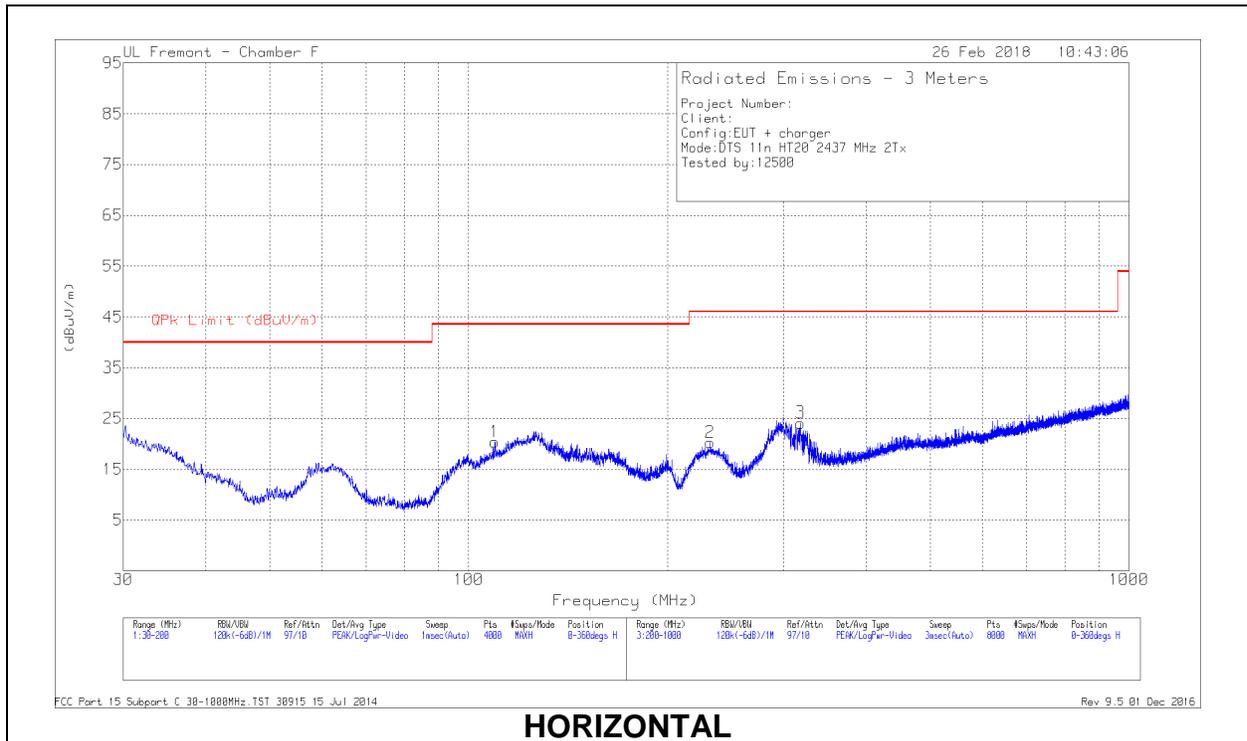
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.243	42.48	PK2	29.4	-22.1	49.78	-	-	74	-24.22	280	157	H
	* 1.241	30.07	MAv1	29.4	-22.1	37.37	54	-16.63	-	-	280	157	H
2	* 1.552	42.04	PK2	27.5	-21.7	47.84	-	-	74	-26.16	341	112	H
	* 1.55	29.89	MAv1	27.5	-21.7	35.69	54	-18.31	-	-	341	112	H
3	6.313	37.71	PK2	35.5	-26.5	46.71	-	-	-	-	350	330	H
4	* 1.344	42.45	PK2	29.7	-21.9	50.25	-	-	74	-23.75	337	385	V
	* 1.345	29.93	MAv1	29.6	-21.9	37.63	54	-16.37	-	-	337	385	V
5	5.5	38.53	PK2	34.8	-27.1	46.23	-	-	-	-	63	274	V
6	* 10.936	35.78	PK2	37.9	-21	52.68	-	-	74	-21.32	181	330	V
	* 10.934	23.14	MAv1	37.9	-21	40.04	54	-13.96	-	-	181	330	V

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

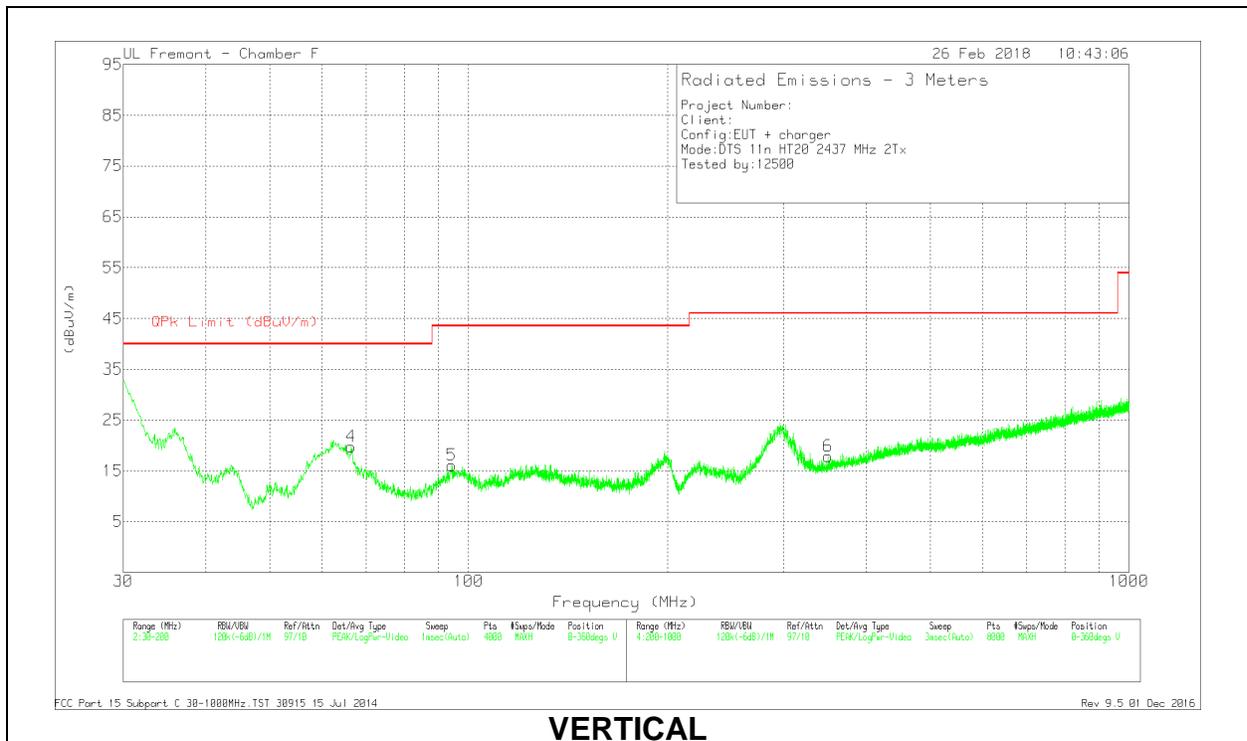
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 9.2. Worst Case Below 1 GHz



**HORIZONTAL**

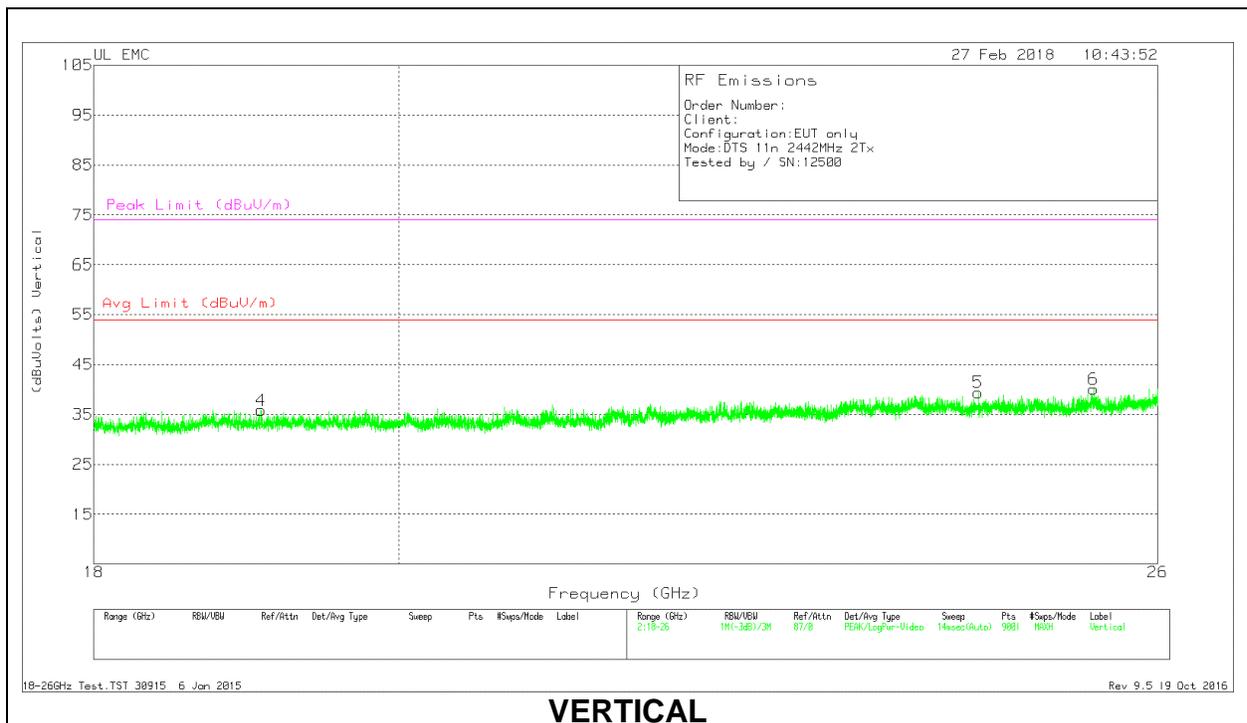
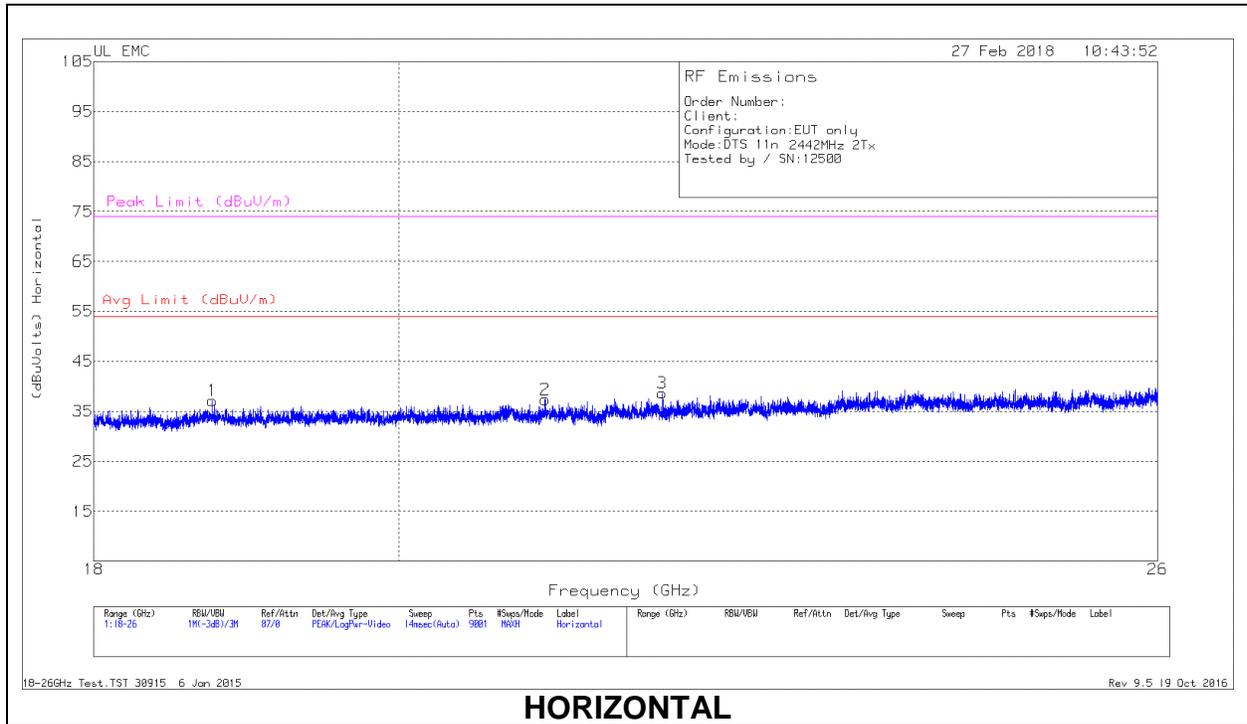


**VERTICAL**

**Below 1GHz DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 109.6231	35.04	Pk	16.4	-31.1	20.34	43.52	-23.18	0-360	299	H
4	66.3894	39.45	Pk	11.8	-31.5	19.75	40	-20.25	0-360	100	V
5	94.3617	34.89	Pk	12.5	-31.3	16.09	43.52	-27.43	0-360	100	V
2	232.2042	35.42	Pk	15.1	-30.3	20.22	46.02	-25.8	0-360	99	H
3	318.1154	36.04	Pk	17.9	-29.8	24.14	46.02	-21.88	0-360	99	H
6	350.2195	29.3	Pk	18.3	-29.8	17.8	46.02	-28.22	0-360	199	V

### 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	18.752	38.93	Pk	32.3	-24.6	-9.5	37.13	54	-16.87	74	-36.87
2	21.038	38.87	Pk	33.2	-25.2	-9.5	37.37	54	-16.63	74	-36.63
3	21.907	40.03	Pk	33.3	-25.2	-9.5	38.63	54	-15.37	74	-35.37
4	19.07	37.75	Pk	32.5	-24.9	-9.5	35.85	54	-18.15	74	-38.15
5	24.435	39.06	Pk	34	-24.2	-9.5	39.36	54	-14.64	74	-34.64
6	25.428	39.5	Pk	34.4	-24.3	-9.5	40.1	54	-13.9	74	-33.9

## 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.

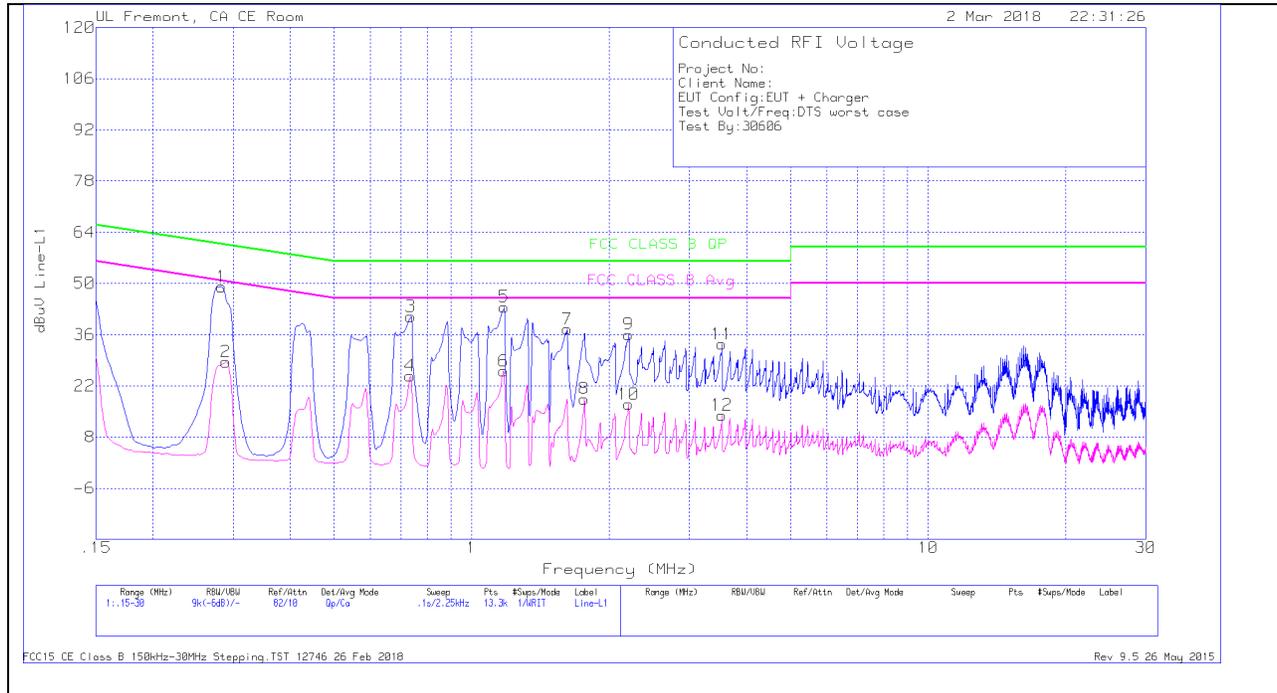
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

### 10.1.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

#### LINE 1 RESULTS



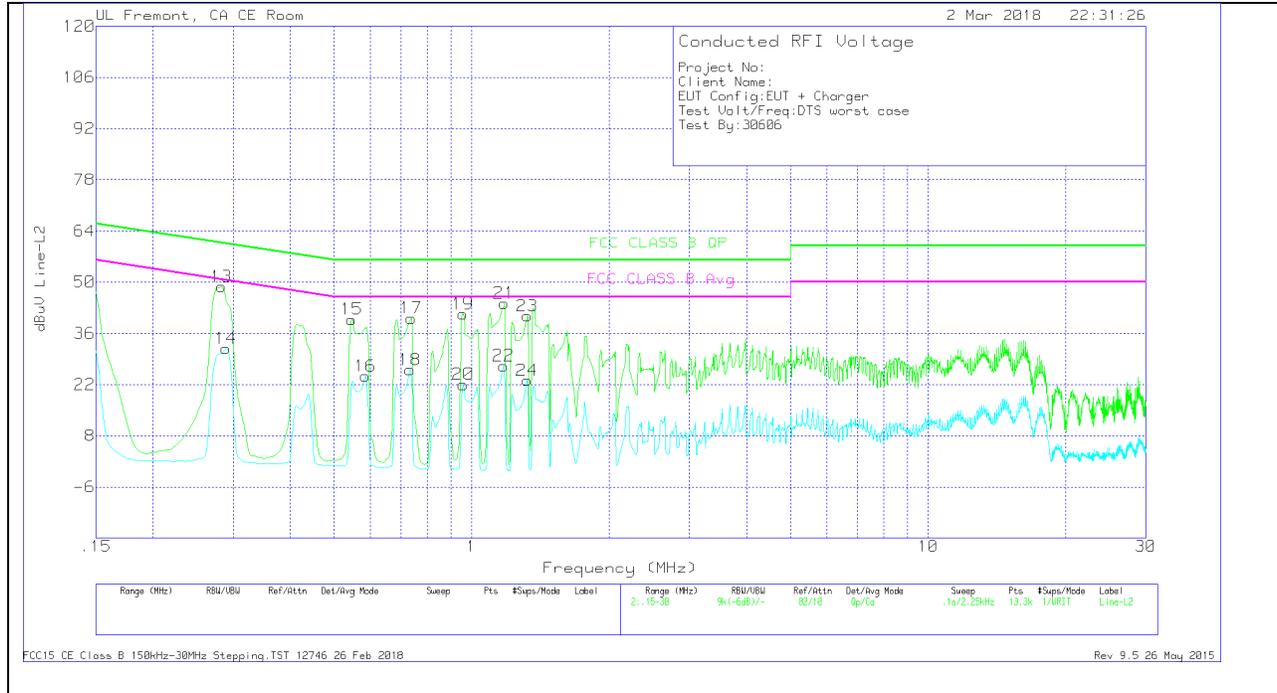
#### DATA

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Corrected Reading dBuV	FCC CLASS B QP	Margin (dB)	FCC CLASS B Avg	Margin (dB)
1	.28275	49.1	Qp	0	0	49.1	60.73	-11.63	-	-
2	.2895	28.57	Ca	0	0	28.57	-	-	50.54	-21.97
3	.735	41	Qp	0	0	41	56	-15	-	-
4	.73275	24.73	Ca	0	0	24.73	-	-	46	-21.27
5	1.17825	43.47	Qp	0	.1	43.57	56	-12.43	-	-
6	1.17375	25.96	Ca	0	.1	26.06	-	-	46	-19.94
7	1.61925	37.39	Qp	0	.1	37.49	56	-18.51	-	-
8	1.7655	18.34	Ca	0	.1	18.44	-	-	46	-27.56
9	2.20875	35.96	Qp	0	.1	36.06	56	-19.94	-	-
10	2.2065	16.89	Ca	0	.1	16.99	-	-	46	-29.01
11	3.534	33.33	Qp	0	.1	33.43	56	-22.57	-	-
12	3.53175	13.85	Ca	0	.1	13.95	-	-	46	-32.05

Qp - Quasi-Peak detector

Ca - CISPR average detection

### LINE 2 RESULTS



### DATA

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Corrected Reading dBuV	FCC CLASS B QP	Margin (dB)	FCC CLASS B Avg	Margin (dB)
13	.28275	48.77	Qp	0	0	48.77	60.73	-11.96	-	-
14	.2895	31.85	Ca	0	0	31.85	-	-	50.54	-18.69
15	.546	39.82	Qp	0	0	39.82	56	-16.18	-	-
16	.58425	24.34	Ca	0	0	24.34	-	-	46	-21.66
17	.73725	40.17	Qp	0	0	40.17	56	-15.83	-	-
18	.73275	26.06	Ca	0	0	26.06	-	-	46	-19.94
19	.9555	41.21	Qp	0	.1	41.31	56	-14.69	-	-
20	.95775	21.94	Ca	0	.1	22.04	-	-	46	-23.96
21	1.17825	44.14	Qp	0	.1	44.24	56	-11.76	-	-
22	1.17375	27.06	Ca	0	.1	27.16	-	-	46	-18.84
23	1.3245	40.66	Qp	0	.1	40.76	56	-15.24	-	-
24	1.32225	23.05	Ca	0	.1	23.15	-	-	46	-22.85

Qp - Quasi-Peak detector

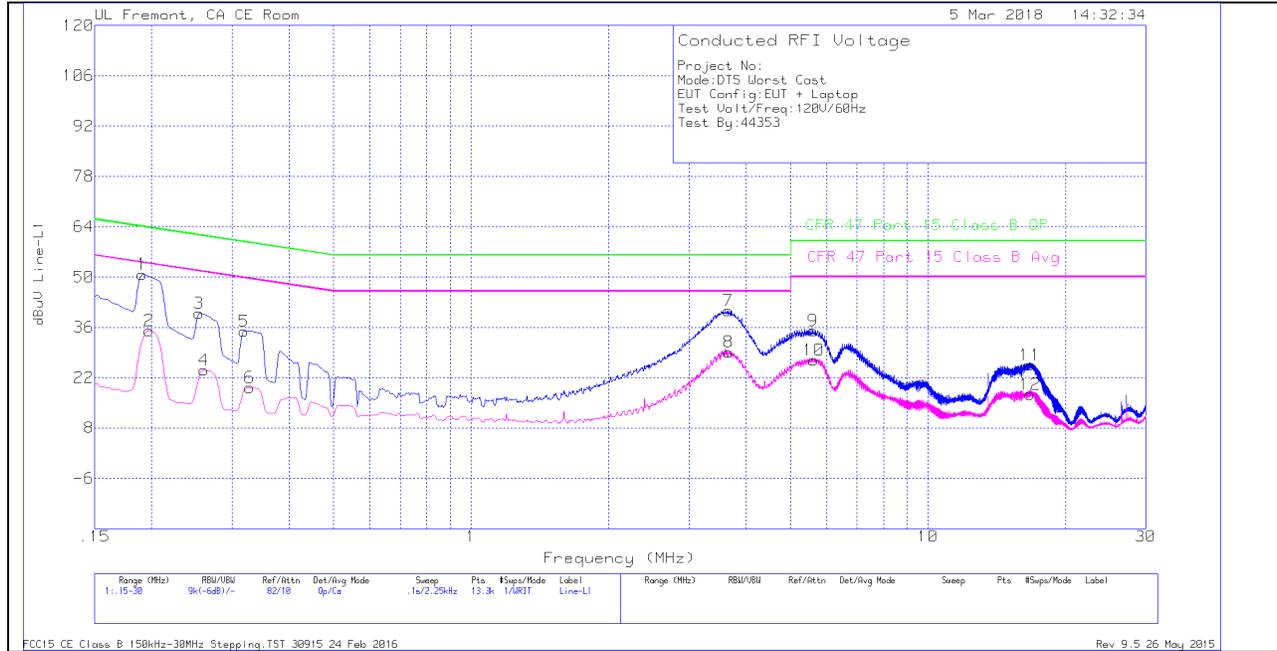
Ca - CISPR average detection

FCC15 CE Class B 150kHz-30MHz Stepping.TST 12746 26 Feb 2018

Rev 9.5 26 May 2015

**10.1.2. EUT POWERED BY HOST PC VIA USB CABLE**

**LINE 1 RESULTS**



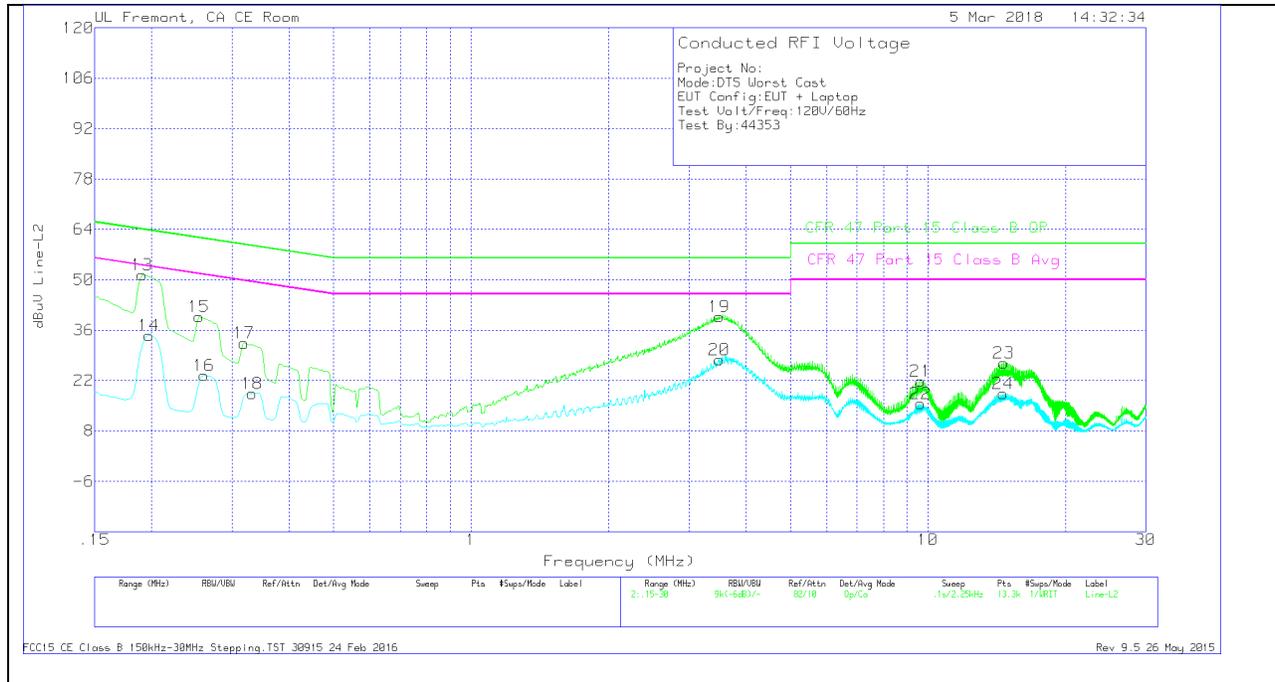
**DATA**

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	.1905	40.68	Qp	0	0	10.1	50.78	64.01	-13.23	-	-
2	.19725	24.98	Ca	0	0	10.1	35.08	-	-	53.73	-18.65
3	.2535	29.79	Qp	0	0	10.1	39.89	61.64	-21.75	-	-
4	.26025	14	Ca	0	0	10.1	24.1	-	-	51.42	-27.32
5	.31875	24.84	Qp	0	0	10.1	34.94	59.74	-24.8	-	-
6	.32775	9.1	Ca	0	0	10.1	19.2	-	-	49.51	-30.31
7	3.65775	30.39	Qp	0	.1	10.1	40.59	56	-15.41	-	-
8	3.66225	18.95	Ca	0	.1	10.1	29.15	-	-	46	-16.85
9	5.613	24.68	Qp	0	.2	10.2	35.08	60	-24.92	-	-
10	5.631	16.52	Ca	0	.2	10.2	26.92	-	-	50	-23.08
11	16.746	14.84	Qp	0	.3	10.3	25.44	60	-34.56	-	-
12	16.72575	6.79	Ca	0	.3	10.3	17.39	-	-	50	-32.61

Qp - Quasi-Peak detector

Ca - CISPR average detection

### LINE 2 RESULTS



### DATA

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	.1905	41.22	Qp	0	0	10.1	51.32	64.01	-12.69	-	-
14	.19725	24.47	Ca	0	0	10.1	34.57	-	-	53.73	-19.16
15	.2535	29.63	Qp	0	0	10.1	39.73	61.64	-21.91	-	-
16	.26025	13.26	Ca	0	0	10.1	23.36	-	-	51.42	-28.06
17	.31875	22.26	Qp	0	0	10.1	32.36	59.74	-27.38	-	-
18	.33225	8.33	Ca	0	0	10.1	18.43	-	-	49.39	-30.96
19	3.4935	29.59	Qp	0	.1	10.1	39.79	56	-16.21	-	-
20	3.49238	17.55	Ca	0	.1	10.1	27.75	-	-	46	-18.25
21	9.6405	11.42	Qp	0	.2	10.2	21.82	60	-38.18	-	-
22	9.6405	5.16	Ca	0	.2	10.2	15.56	-	-	50	-34.44
23	14.6715	16.29	Qp	.1	.3	10.2	26.89	60	-33.11	-	-
24	14.62875	7.71	Ca	.1	.3	10.2	18.31	-	-	50	-31.69

Qp - Quasi-Peak detector

Ca - CISPR average detection

FCC15 CE Class B 150kHz-30MHz Stepping.TST 30915 24 Feb 2016

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## END OF REPORT

## 11. SETUP PHOTOS

Please refer to 12124121-EP1V1 for setup photos