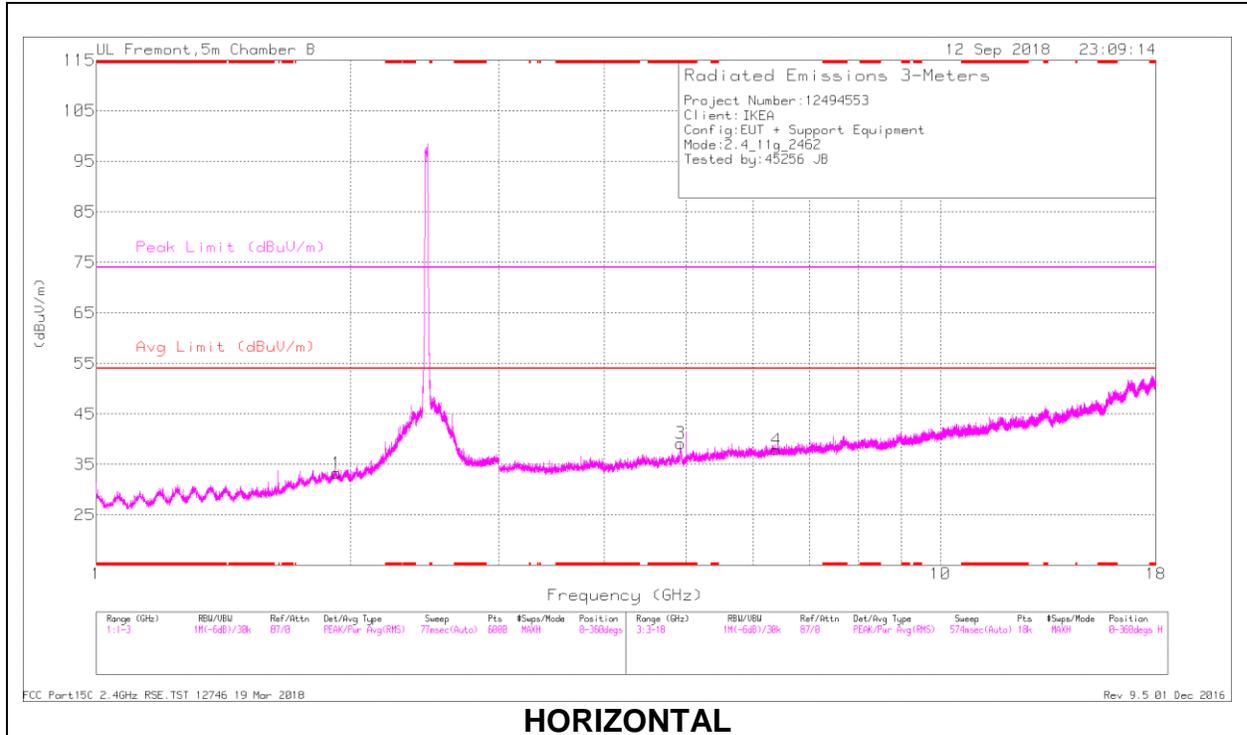
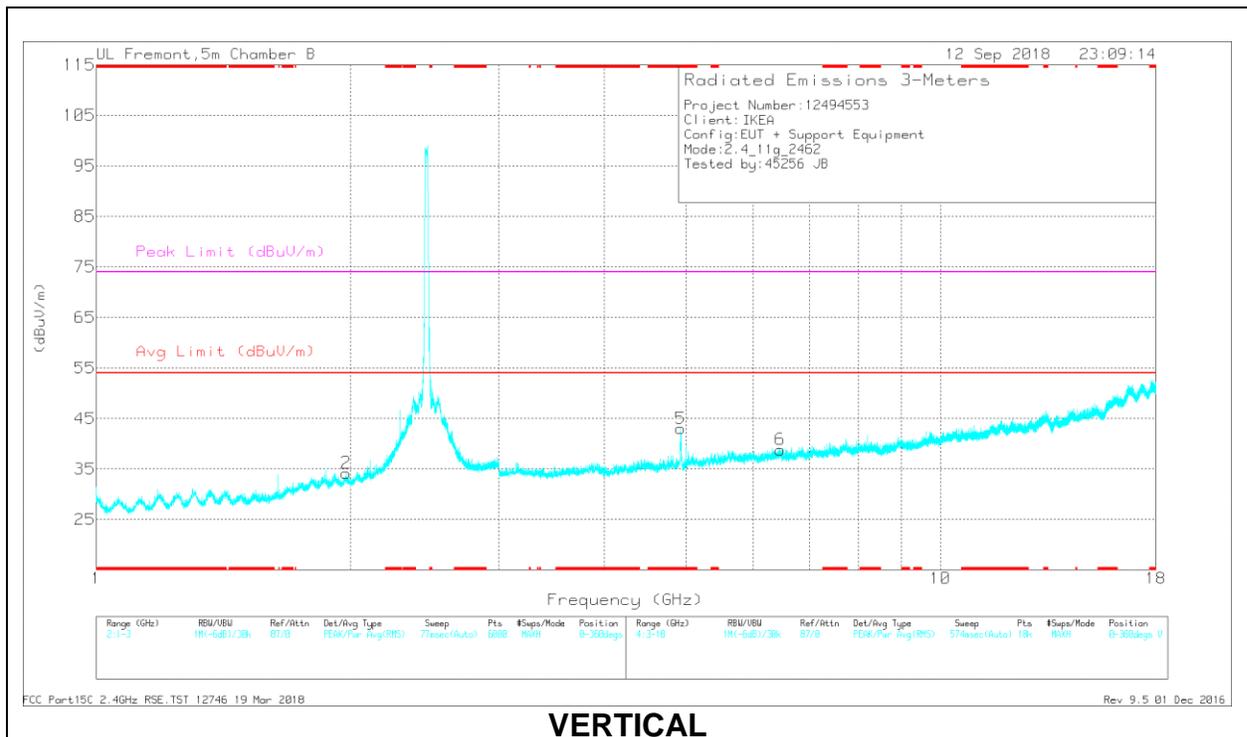


### HIGH CHANNEL, CH 11 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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
3	* 4.926	45.13	PK2	34.4	-30.2	0	49.33	-	-	74	-24.67	276	162	H
	* 4.925	30.65	MAv1	34.4	-30.3	.11	34.86	54	-19.14	-	-	276	162	H
5	* 4.923	49.01	PK2	34.4	-30.5	0	52.91	-	-	74	-21.09	245	207	V
	* 4.923	34.01	MAv1	34.4	-30.5	.11	38.02	54	-15.98	-	-	245	207	V
1	1.927	23.39	PK2	31	-21.1	0	33.29	-	-	-	-	0-360	102	H
2	1.976	24.2	PK2	30.9	-20.9	0	34.2	-	-	-	-	0-360	101	V
4	6.394	31.22	PK2	35.8	-29.1	0	37.92	-	-	-	-	0-360	102	H
6	6.465	31.44	PK2	35.7	-28.3	0	38.84	-	-	-	-	0-360	200	V

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

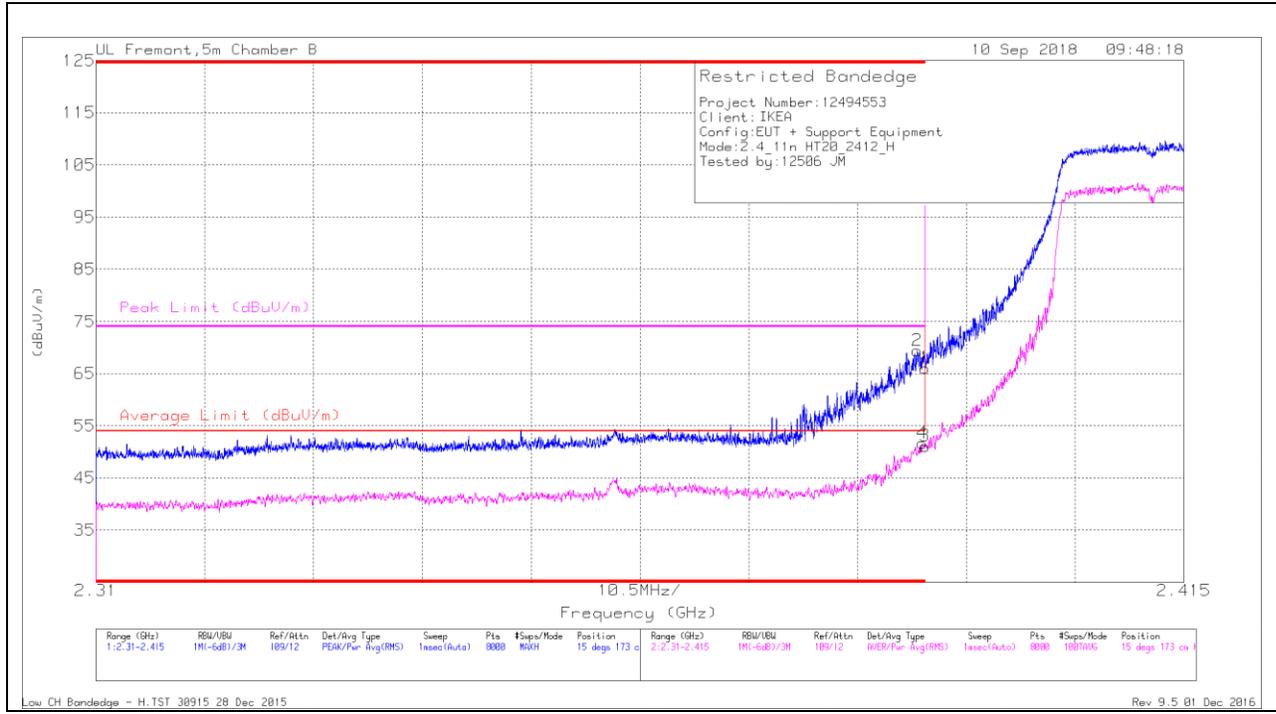
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

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

**HORIZONTAL RESULT**



**Trace Markers**

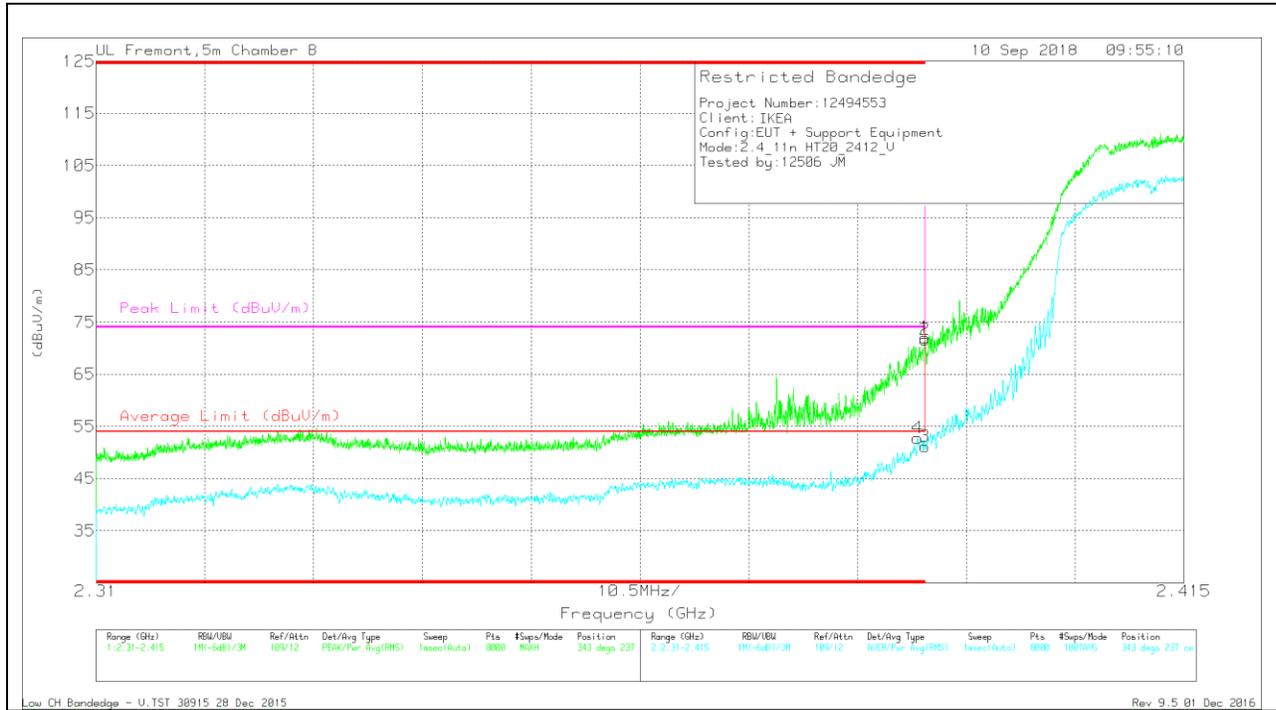
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.01	Pk	32.3	-21.2	0	66.11	-	-	74	-7.89	15	173	H
2	* 2.389	58.2	Pk	32.3	-21.1	0	69.4	-	-	74	-4.6	15	173	H
3	* 2.39	39.89	RMS	32.3	-21.2	.11	51.1	54	-2.9	-	-	15	173	H
4	* 2.39	40.41	RMS	32.3	-21.2	.11	51.62	54	-2.38	-	-	15	173	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



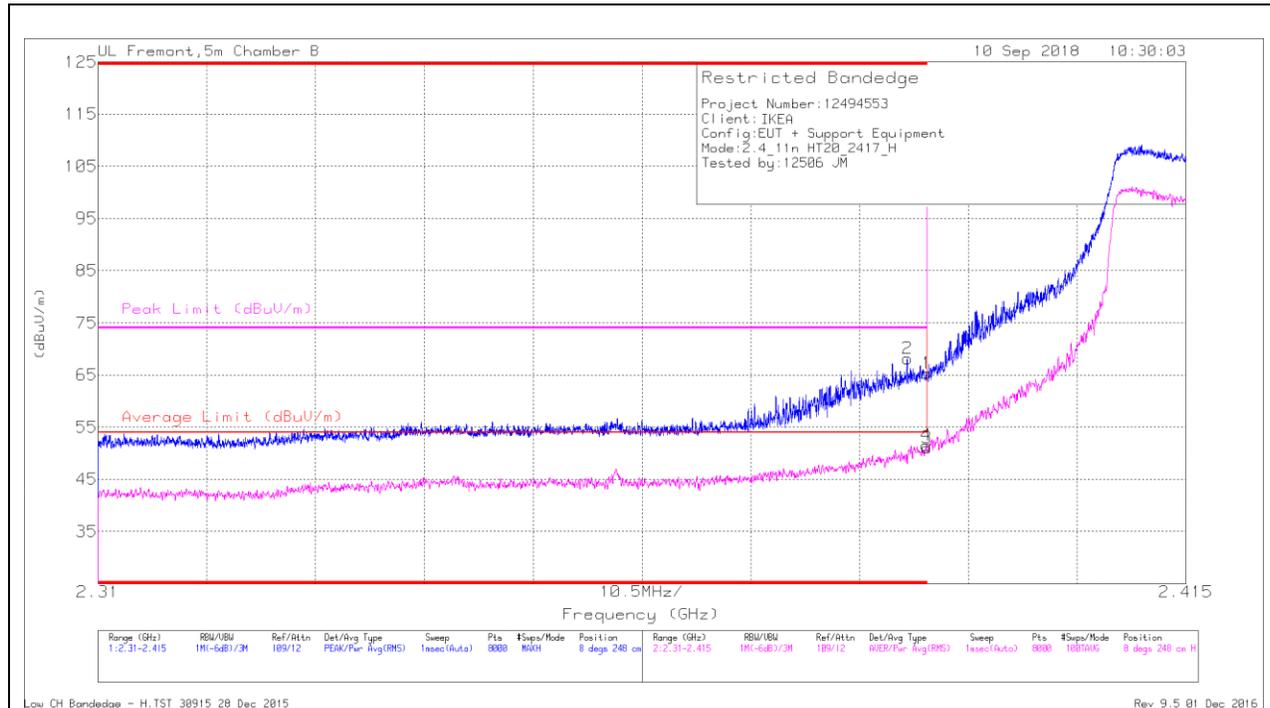
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	60.92	Pk	32.3	-21.2	0	72.02	-	-	74	-1.98	343	237	V
2	* 2.39	60.6	Pk	32.3	-21.2	0	71.7	-	-	74	-2.3	343	237	V
3	* 2.39	39.93	RMS	32.3	-21.2	.11	51.14	54	-2.86	-	-	343	237	V
4	* 2.389	41.41	RMS	32.3	-21.1	.11	52.72	54	-1.28	-	-	343	237	V

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

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

**HORIZONTAL RESULT**



**Trace Markers**

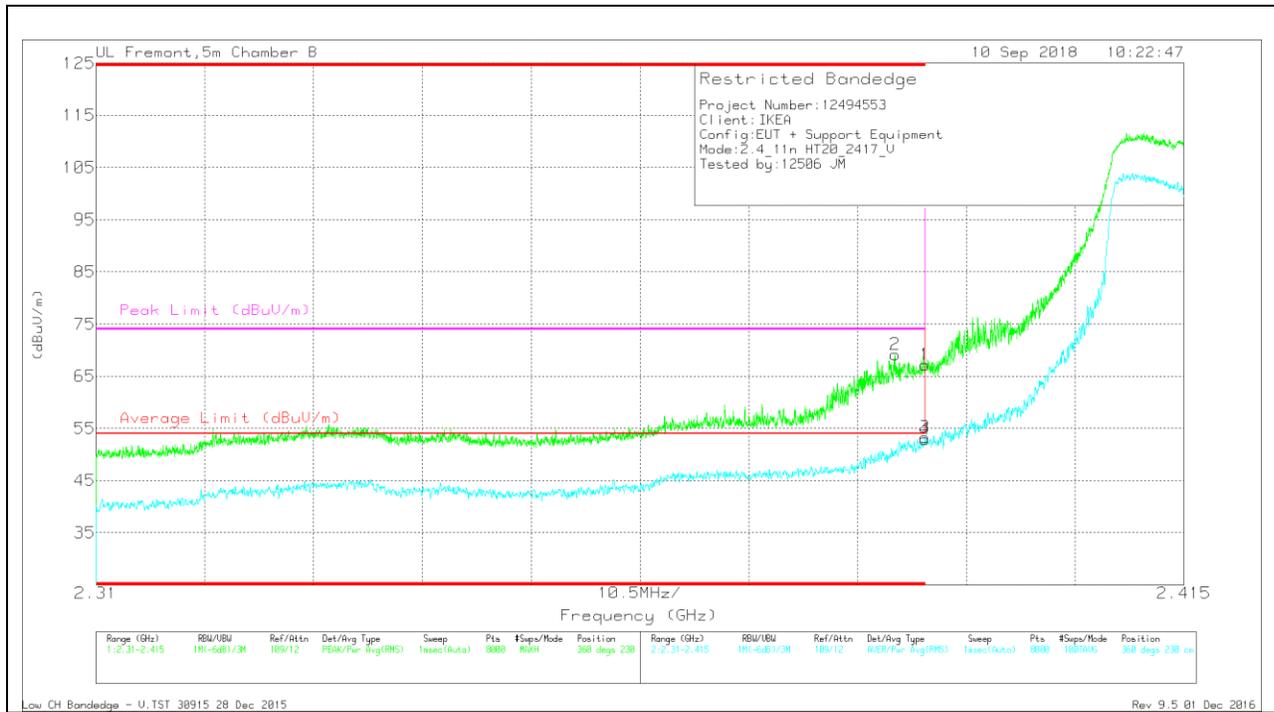
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	54.24	Pk	32.3	-21.2	0	65.34	-	-	74	-8.66	8	248	H
2	* 2.388	56.94	Pk	32.3	-21.1	0	68.14	-	-	74	-5.86	8	248	H
3	* 2.39	39.97	RMS	32.3	-21.2	.11	51.18	54	-2.82	-	-	8	248	H
4	* 2.39	40.45	RMS	32.3	-21.2	.11	51.66	54	-2.34	-	-	8	248	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



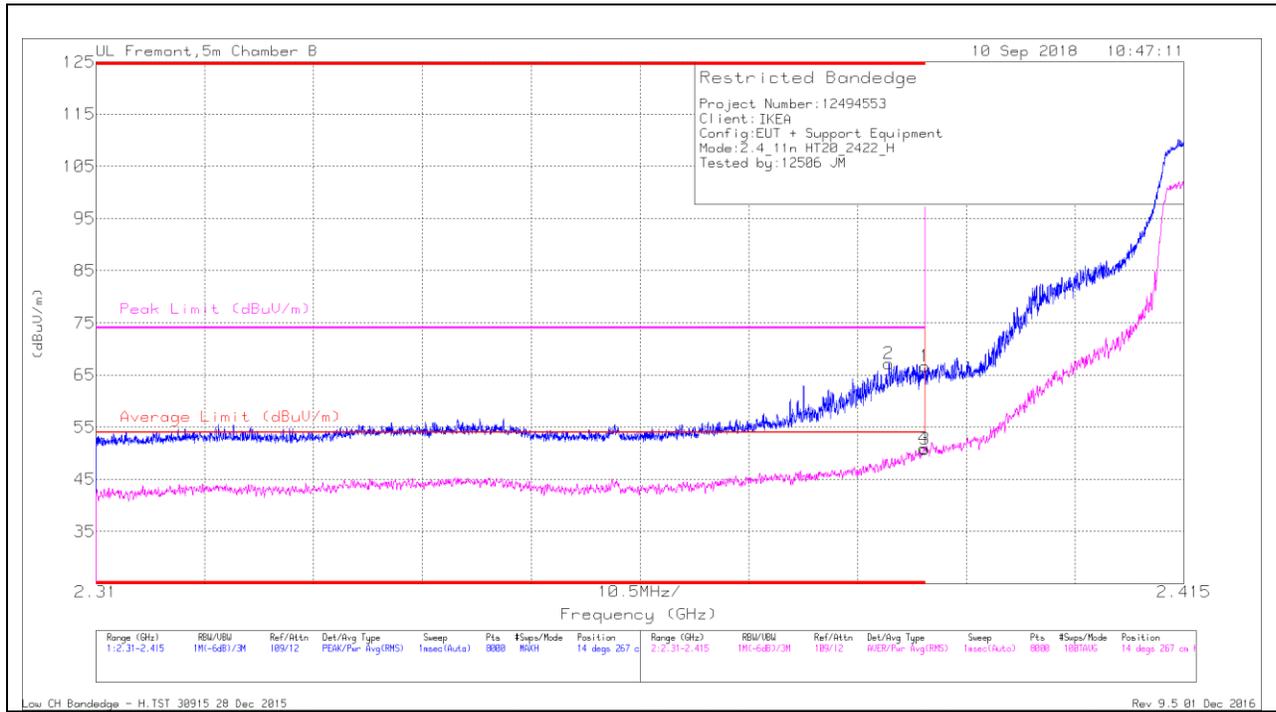
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	56.07	Pk	32.3	-21.2	0	67.17	-	-	74	-6.83	360	230	V
2	* 2.387	57.99	Pk	32.3	-21.1	0	69.19	-	-	74	-4.81	360	230	V
3	* 2.39	42.02	RMS	32.3	-21.2	.11	53.23	54	-0.77	-	-	360	230	V
4	* 2.39	41.68	RMS	32.3	-21.2	.11	52.89	54	-1.11	-	-	360	230	V

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

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

**HORIZONTAL RESULT**



**Trace Markers**

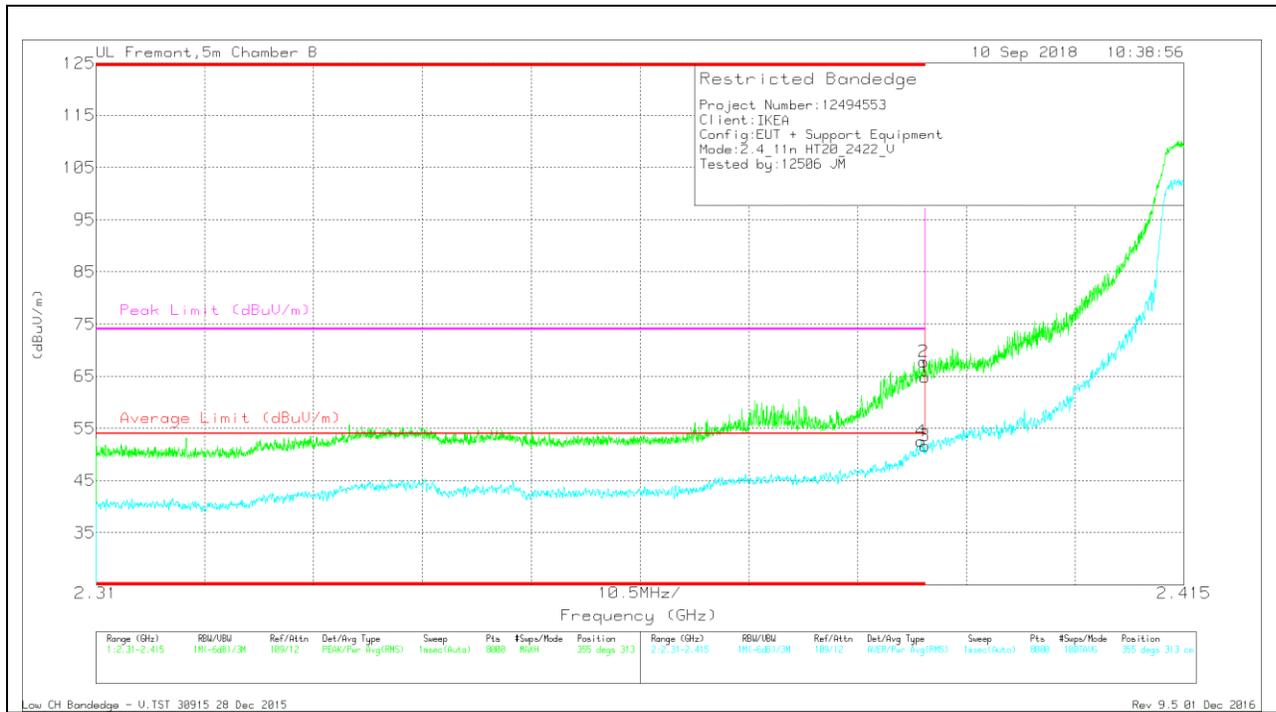
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	55.62	Pk	32.3	-21.2	0	66.72	-	-	74	-7.28	14	267	H
2	* 2.387	55.98	Pk	32.3	-21.1	0	67.18	-	-	74	-6.82	14	267	H
3	* 2.39	39.63	RMS	32.3	-21.2	.11	50.84	54	-3.16	-	-	14	267	H
4	* 2.39	39.67	RMS	32.3	-21.2	.11	50.88	54	-3.12	-	-	14	267	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



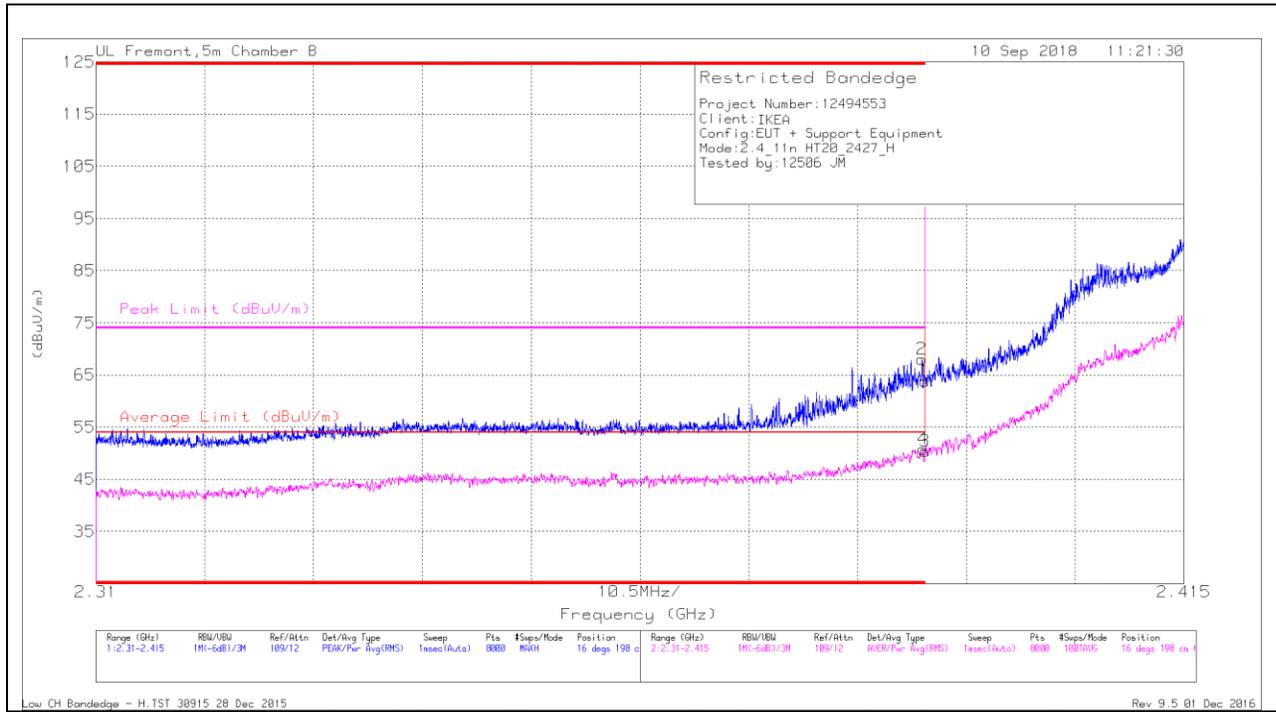
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	53.77	Pk	32.3	-21.2	0	64.87	-	-	74	-9.13	355	313	V
2	* 2.39	56.7	Pk	32.3	-21.2	0	67.8	-	-	74	-6.2	355	313	V
3	* 2.39	40.4	RMS	32.3	-21.2	.11	51.61	54	-2.39	-	-	355	313	V
4	* 2.39	41.29	RMS	32.3	-21.2	.11	52.5	54	-1.5	-	-	355	313	V

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

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

**HORIZONTAL RESULT**

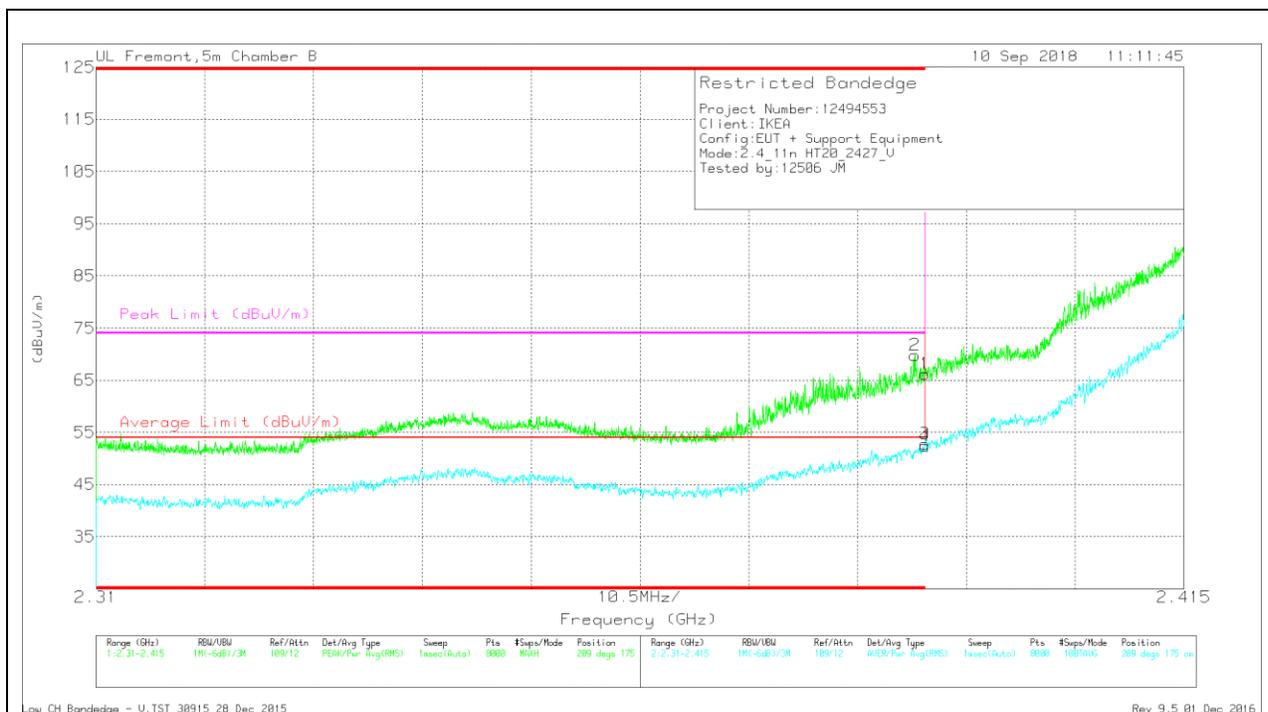


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	52.73	Pk	32.3	-21.2	0	63.83	-	-	74	-10.17	16	198	H
2	* 2.39	56.91	Pk	32.3	-21.2	0	68.01	-	-	74	-5.99	16	198	H
3	* 2.39	39.24	RMS	32.3	-21.2	.11	50.45	54	-3.55	-	-	16	198	H
4	* 2.39	39.57	RMS	32.3	-21.2	.11	50.78	54	-3.22	-	-	16	198	H

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

### VERTICAL RESULT



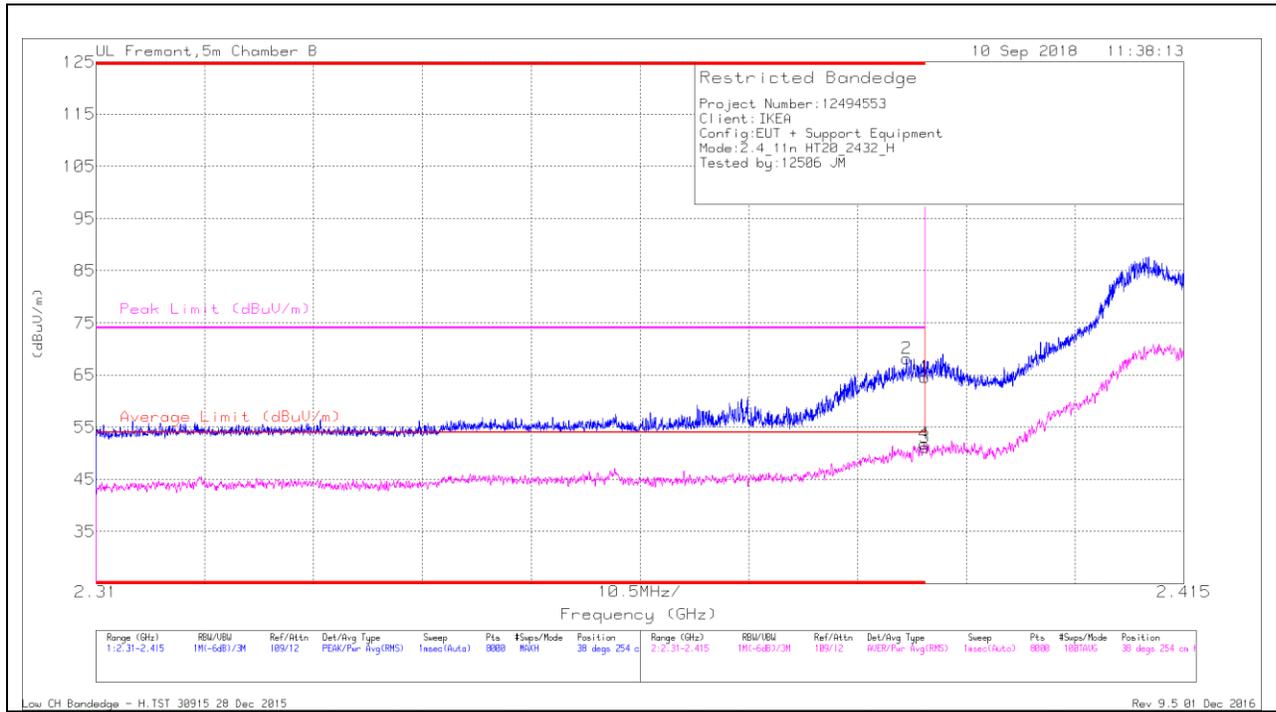
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	55.06	Pk	32.3	-21.2	0	66.16	-	-	74	-7.84	209	175	V
2	* 2.389	58.62	Pk	32.3	-21.1	0	69.82	-	-	74	-4.18	209	175	V
3	* 2.39	41.54	RMS	32.3	-21.2	.18	52.82	54	-1.18	-	-	209	175	V
4	* 2.39	41.13	RMS	32.3	-21.2	.18	52.41	54	-1.59	-	-	209	175	V

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

**BANDEDGE (LOW CHANNEL, CH 5)**

**HORIZONTAL RESULT**

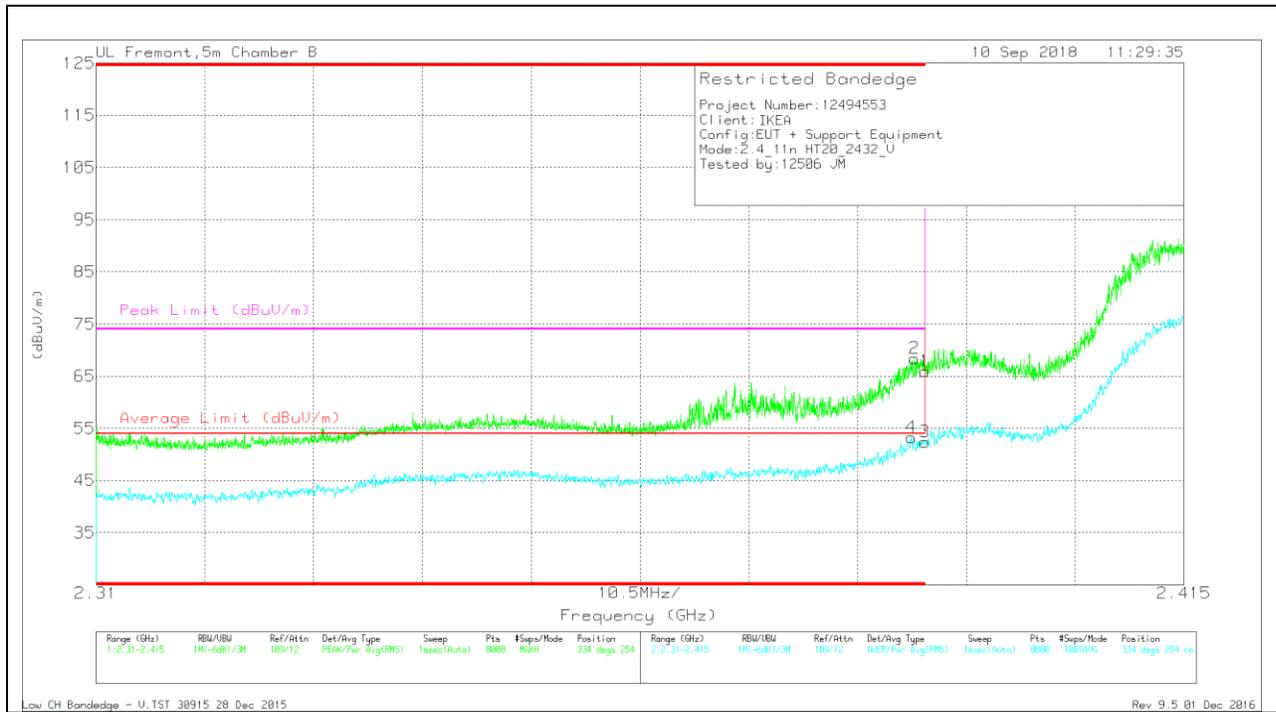


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	53.43	Pk	32.3	-21.2	0	64.53	-	-	74	-9.47	38	254	H
2	* 2.388	56.92	Pk	32.3	-21.1	0	68.12	-	-	74	-5.88	38	254	H
3	* 2.39	39.92	RMS	32.3	-21.2	.11	51.13	54	-2.87	-	-	38	254	H
4	* 2.39	40.62	RMS	32.3	-21.2	.11	51.83	54	-2.17	-	-	38	254	H

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

### VERTICAL RESULT



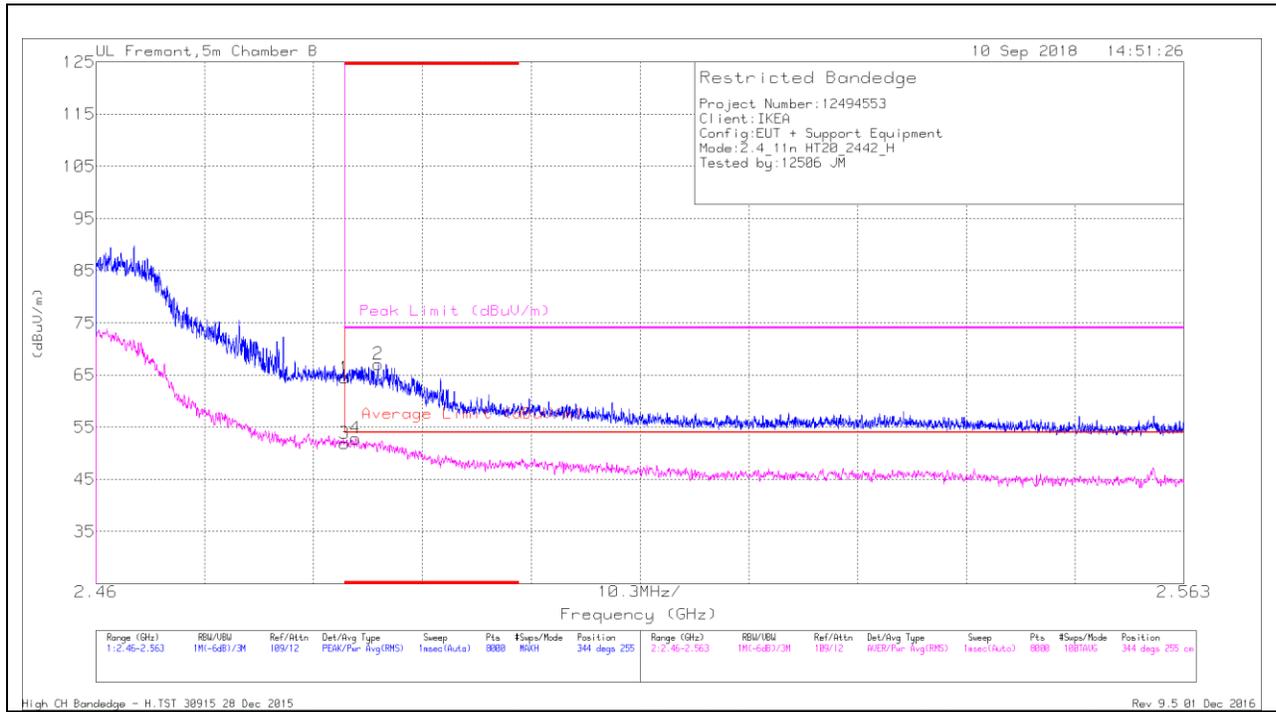
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	54.85	Pk	32.3	-21.2	0	65.95	-	-	74	-8.05	334	254	V
2	* 2.389	57.2	Pk	32.3	-21.1	0	68.4	-	-	74	-5.6	334	254	V
3	* 2.39	41.23	RMS	32.3	-21.2	.11	52.44	54	-1.56	-	-	334	254	V
4	* 2.389	41.93	RMS	32.3	-21.1	.11	53.24	54	-0.76	-	-	334	254	V

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

**BANDEGE (HIGH CHANNEL, CH 7)**

**HORIZONTAL RESULT**

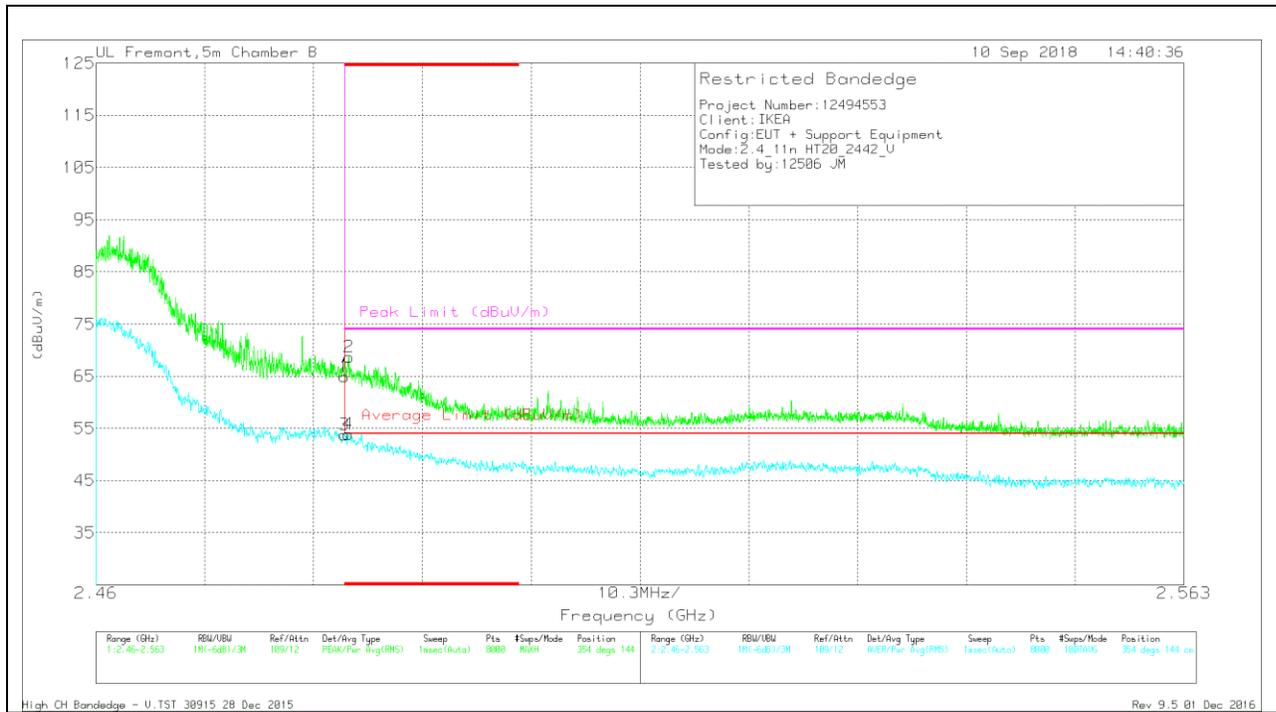


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.484	52.54	Pk	32.6	-20.7	0	64.44	-	-	74	-9.56	344	255	H
2	* 2.487	55.21	Pk	32.6	-20.7	0	67.11	-	-	74	-6.89	344	255	H
3	* 2.484	39.85	RMS	32.6	-20.7	.11	51.86	54	-2.14	-	-	344	255	H
4	* 2.485	40.83	RMS	32.6	-20.7	.11	52.84	54	-1.16	-	-	344	255	H

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

### VERTICAL RESULT



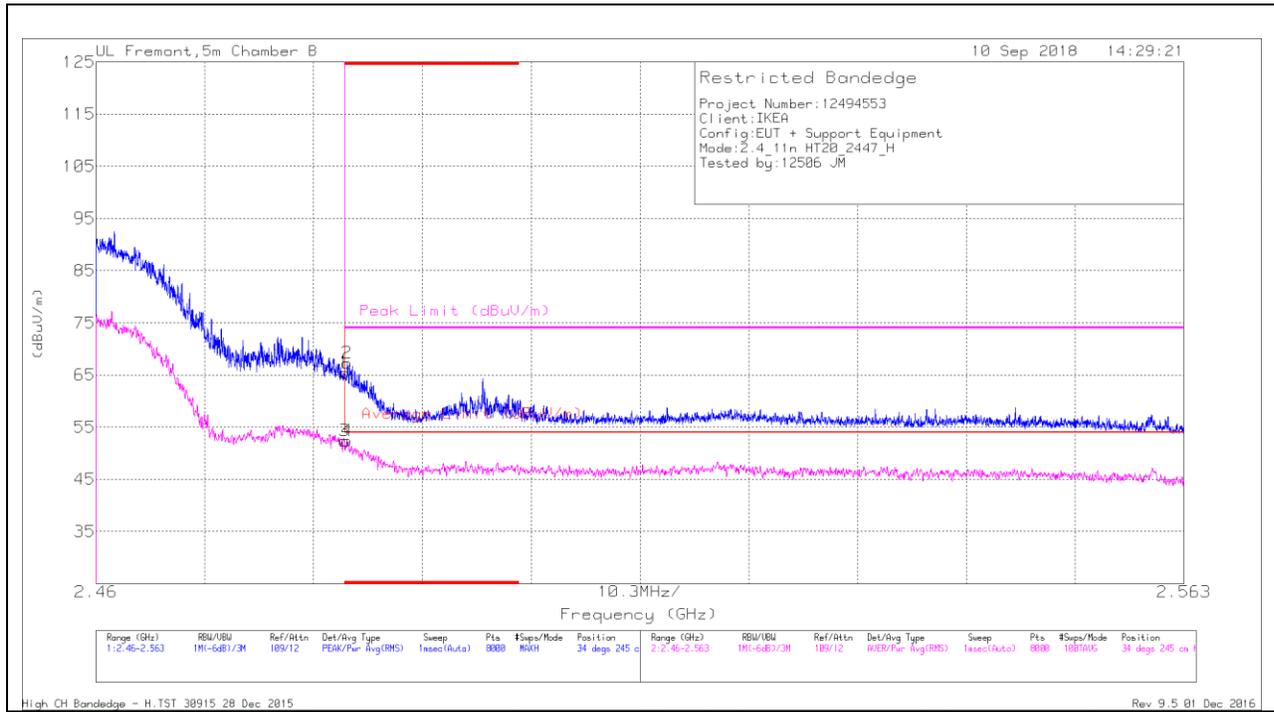
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.484	53.1	Pk	32.6	-20.7	0	65	-	-	74	-9	354	144	V
2	* 2.484	56.78	Pk	32.6	-20.7	0	68.68	-	-	74	-5.32	354	144	V
3	* 2.484	41.79	RMS	32.6	-20.7	.11	53.8	54	-.2	-	-	354	144	V
4	* 2.484	41.93	RMS	32.6	-20.7	.11	53.94	54	-.06	-	-	354	144	V

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

**BANDEGE (HIGH CHANNEL, CH 8)**

**HORIZONTAL RESULT**

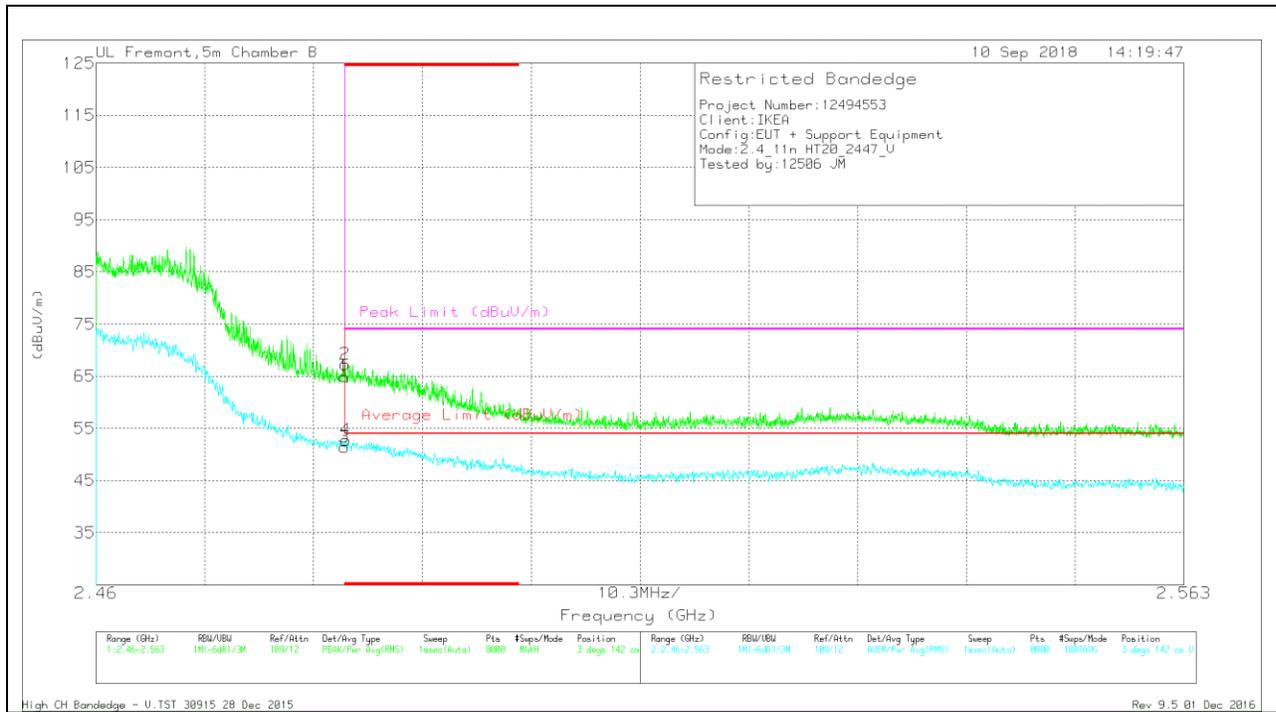


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.484	53.48	Pk	32.6	-20.7	0	65.38	-	-	74	-8.62	34	245	H
2	* 2.484	55.41	Pk	32.6	-20.7	0	67.31	-	-	74	-6.69	34	245	H
3	* 2.484	40.39	RMS	32.6	-20.7	.11	52.4	54	-1.6	-	-	34	245	H
4	* 2.484	40.39	RMS	32.6	-20.7	.11	52.4	54	-1.6	-	-	34	245	H

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

### VERTICAL RESULT



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.484	52.99	Pk	32.6	-20.7	0	64.89	-	-	74	-9.11	3	142	V
2	* 2.484	55.38	Pk	32.6	-20.7	0	67.28	-	-	74	-6.72	3	142	V
3	* 2.484	39.35	RMS	32.6	-20.7	.11	51.36	54	-2.64	-	-	3	142	V
4	* 2.484	40.78	RMS	32.6	-20.7	.11	52.79	54	-1.21	-	-	3	142	V

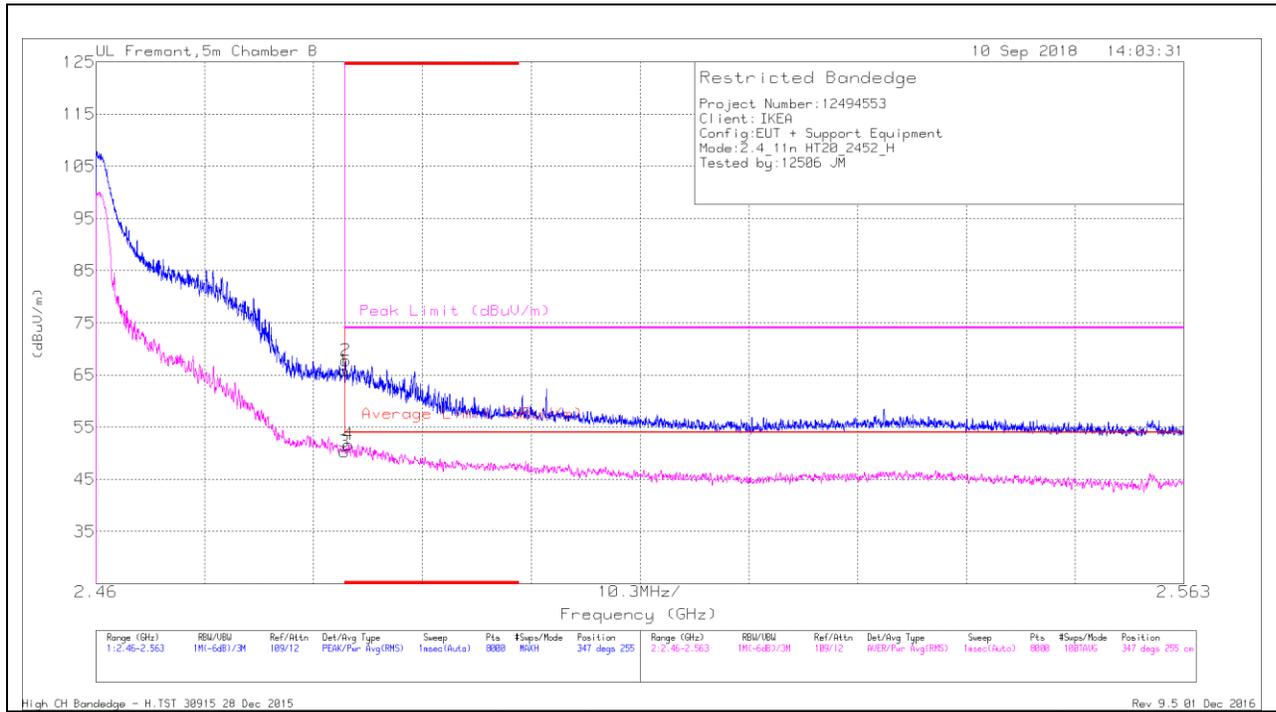
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

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

**HORIZONTAL RESULT**

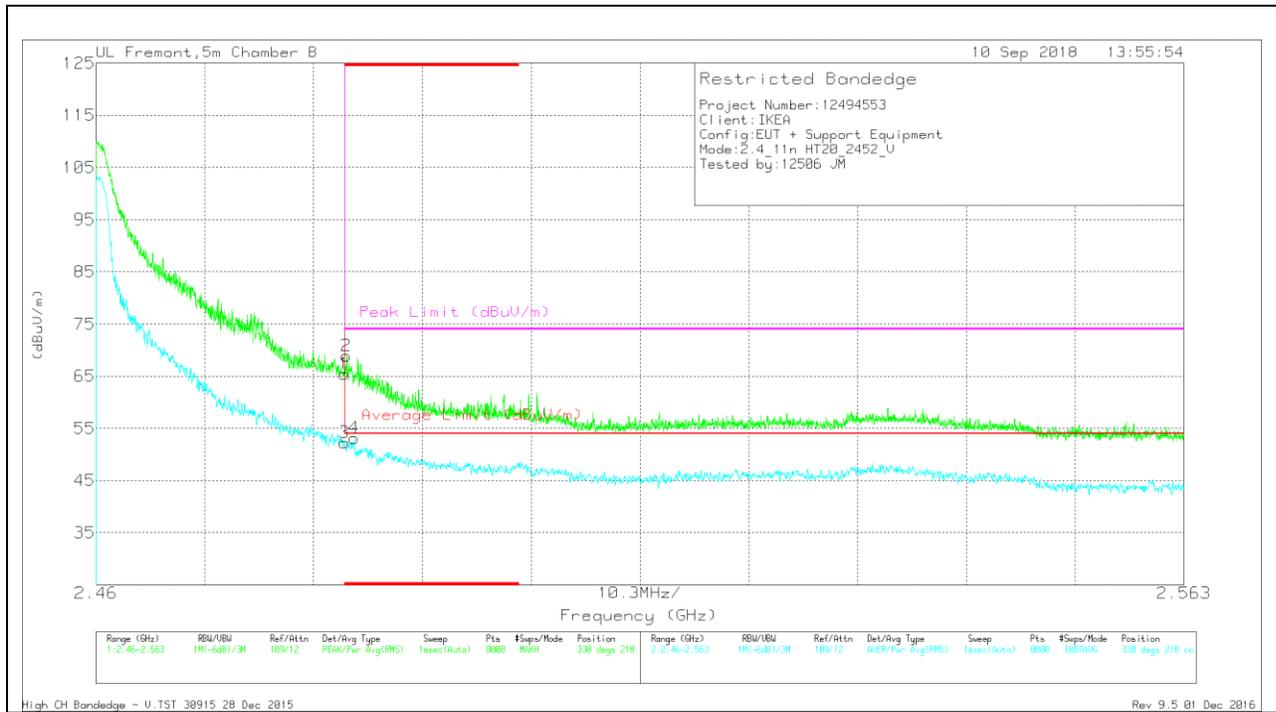


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.484	53.93	Pk	32.6	-20.7	0	65.83	-	-	74	-8.17	347	255	H
2	* 2.484	55.93	Pk	32.6	-20.7	0	67.83	-	-	74	-6.17	347	255	H
3	* 2.484	38.29	RMS	32.6	-20.7	.11	50.3	54	-3.7	-	-	347	255	H
4	* 2.484	39.69	RMS	32.6	-20.7	.11	51.7	54	-2.3	-	-	347	255	H

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

### VERTICAL RESULT



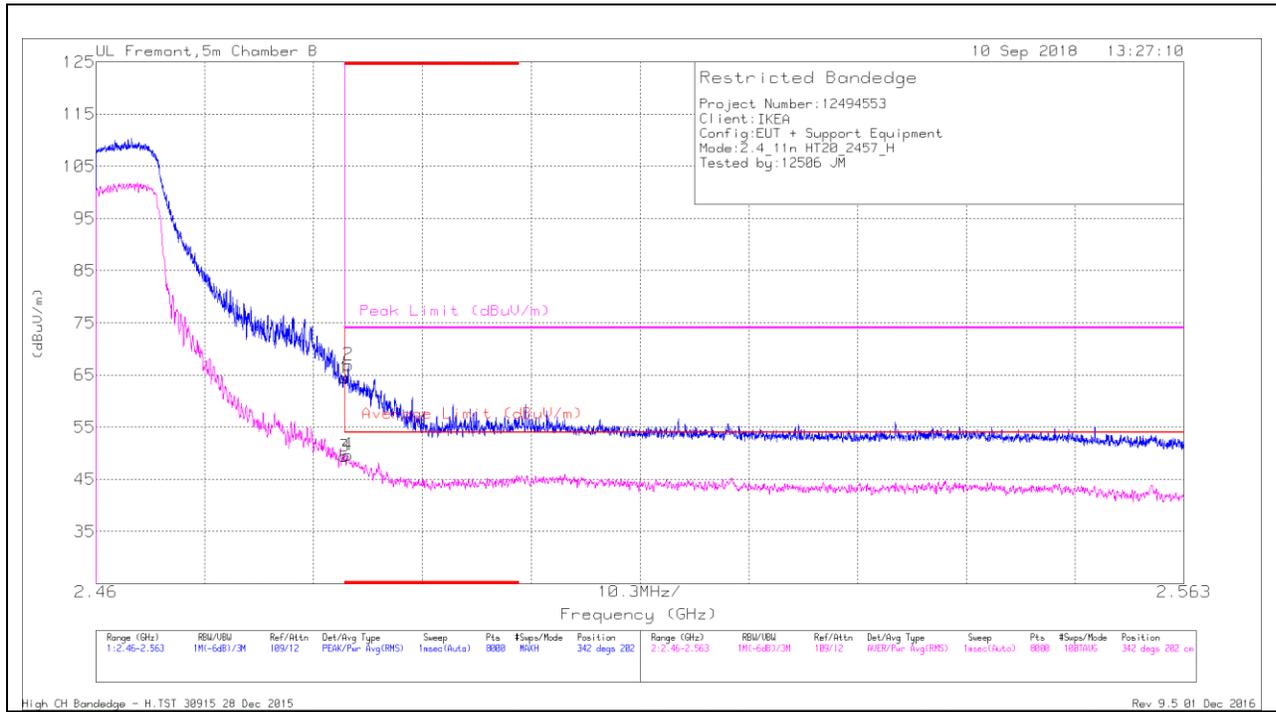
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.484	53.59	Pk	32.6	-20.7	0	65.49	-	-	74	-8.51	330	218	V
2	* 2.484	56.96	Pk	32.6	-20.7	0	68.86	-	-	74	-5.14	330	218	V
3	* 2.484	40.27	RMS	32.6	-20.7	.11	52.28	54	-1.72	-	-	330	218	V
4	* 2.484	41.11	RMS	32.6	-20.7	.11	53.12	54	-0.88	-	-	330	218	V

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

**BANDEGE (HIGH CHANNEL, CH 10)**

**HORIZONTAL RESULT**

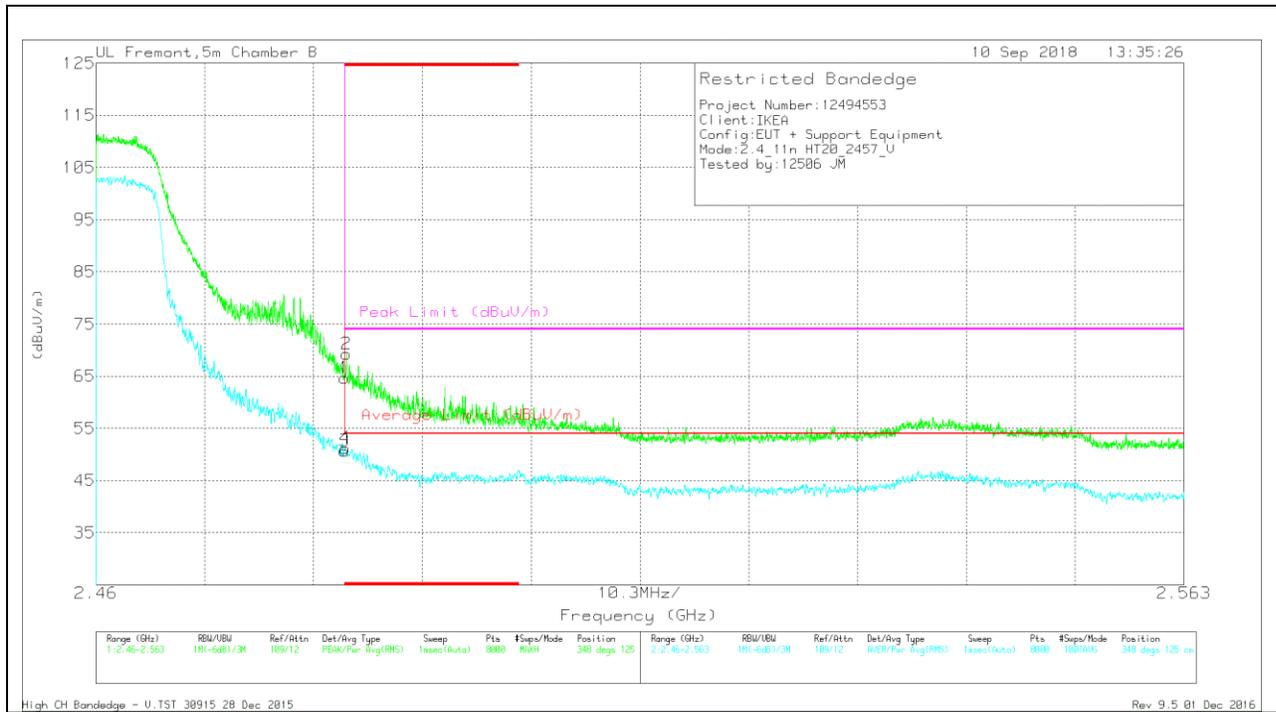


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.484	52.57	Pk	32.6	-20.7	0	64.47	-	-	74	-9.53	342	202	H
2	* 2.484	55.09	Pk	32.6	-20.7	0	66.99	-	-	74	-7.01	342	202	H
3	* 2.484	37.36	RMS	32.6	-20.7	.11	49.37	54	-4.63	-	-	342	202	H
4	* 2.484	37.72	RMS	32.6	-20.7	.11	49.73	54	-4.27	-	-	342	202	H

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

### VERTICAL RESULT



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.484	52.76	Pk	32.6	-20.7	0	64.66	-	-	74	-9.34	348	125	V
2	* 2.484	57.43	Pk	32.6	-20.7	0	69.33	-	-	74	-4.67	348	125	V
3	* 2.484	38.63	RMS	32.6	-20.7	.11	50.64	54	-3.36	-	-	348	125	V
4	* 2.484	39.21	RMS	32.6	-20.7	.11	51.22	54	-2.78	-	-	348	125	V

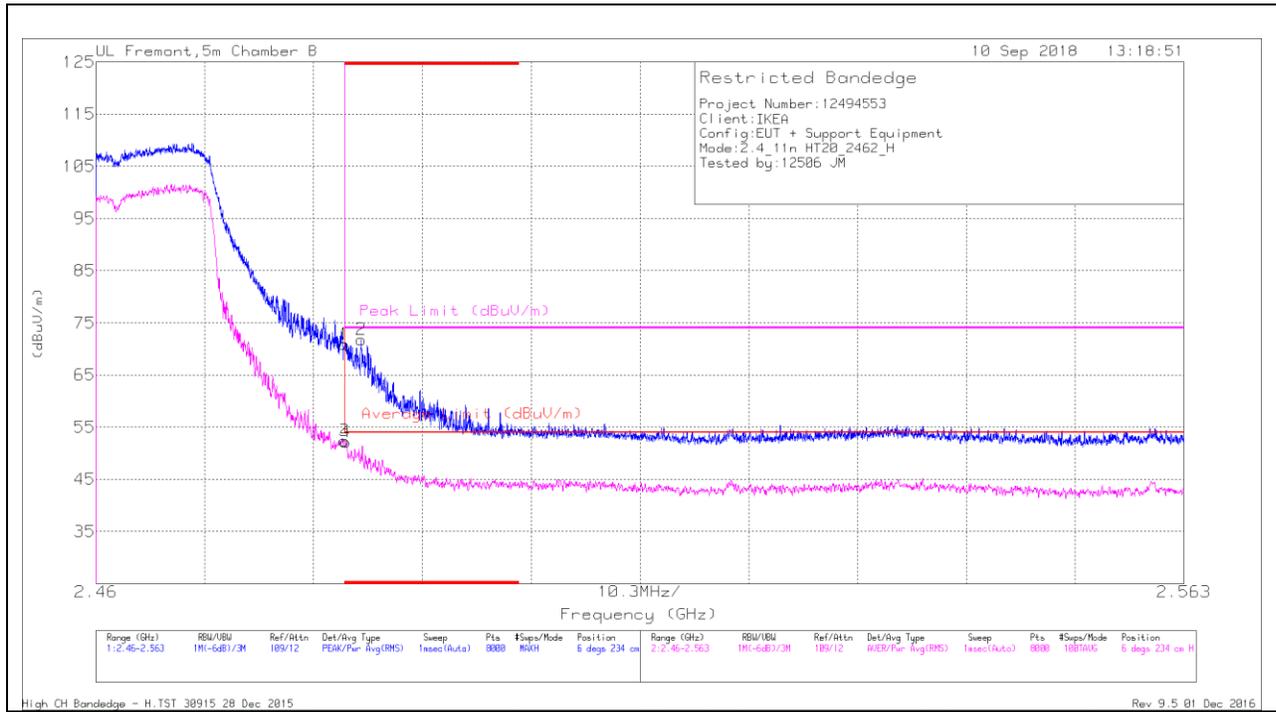
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEGE (HIGH CHANNEL, CH 11)**

**HORIZONTAL RESULT**

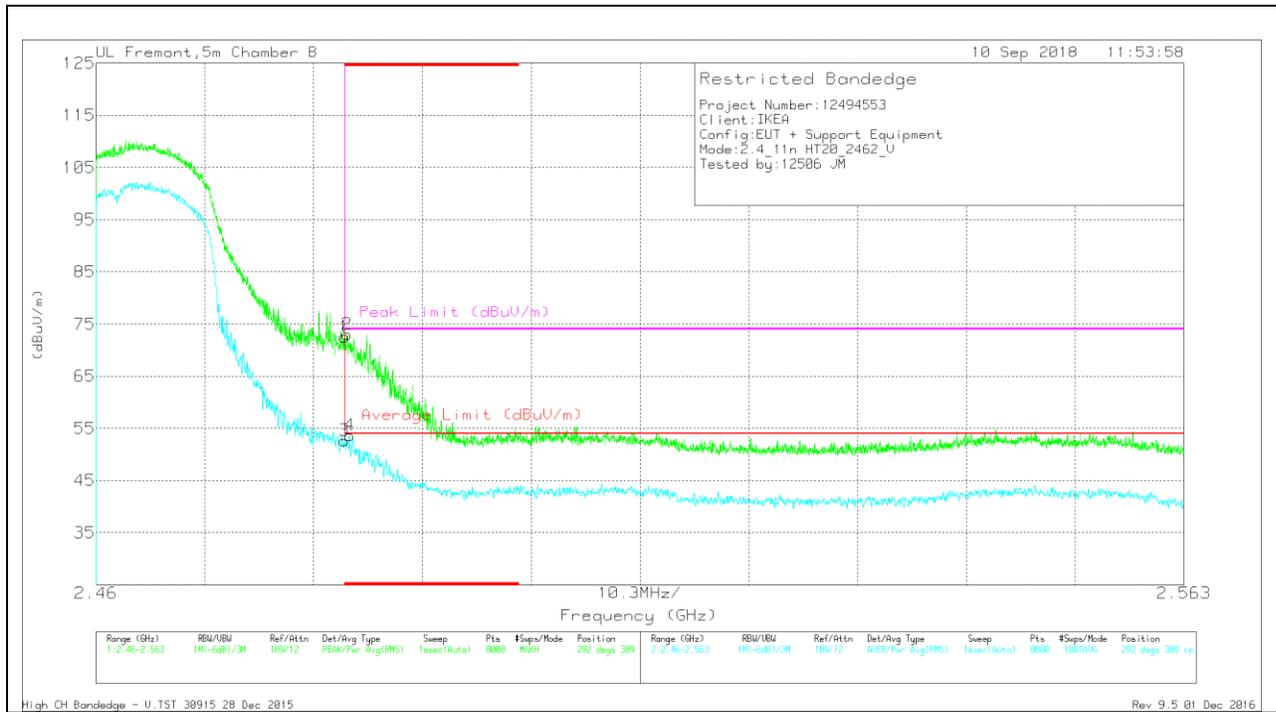


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (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	* 2.484	59.04	Pk	32.6	-20.7	0	70.94	-	-	74	-3.06	6	234	H
2	* 2.485	59.84	Pk	32.6	-20.7	0	71.74	-	-	74	-2.26	6	234	H
3	* 2.484	40.34	RMS	32.6	-20.7	.11	52.35	54	-1.65	-	-	6	234	H
4	* 2.484	40.13	RMS	32.6	-20.7	.11	52.14	54	-1.86	-	-	6	234	H

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

### VERTICAL RESULT



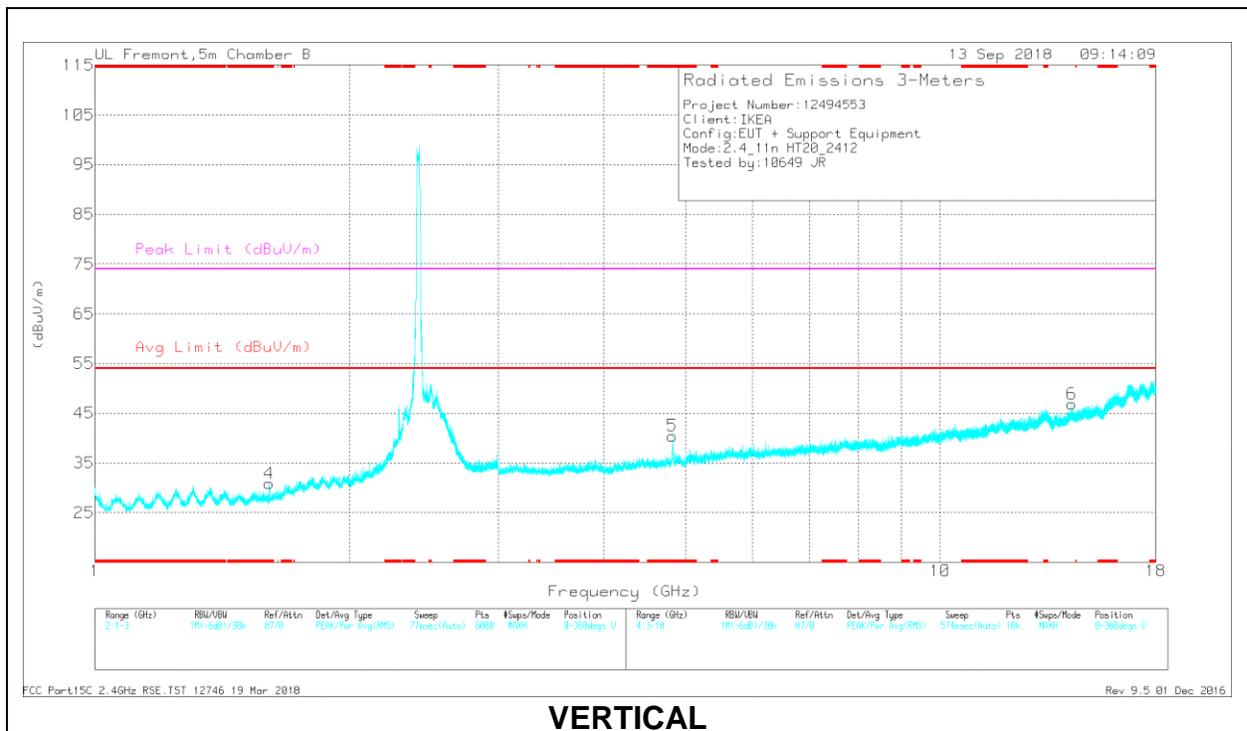
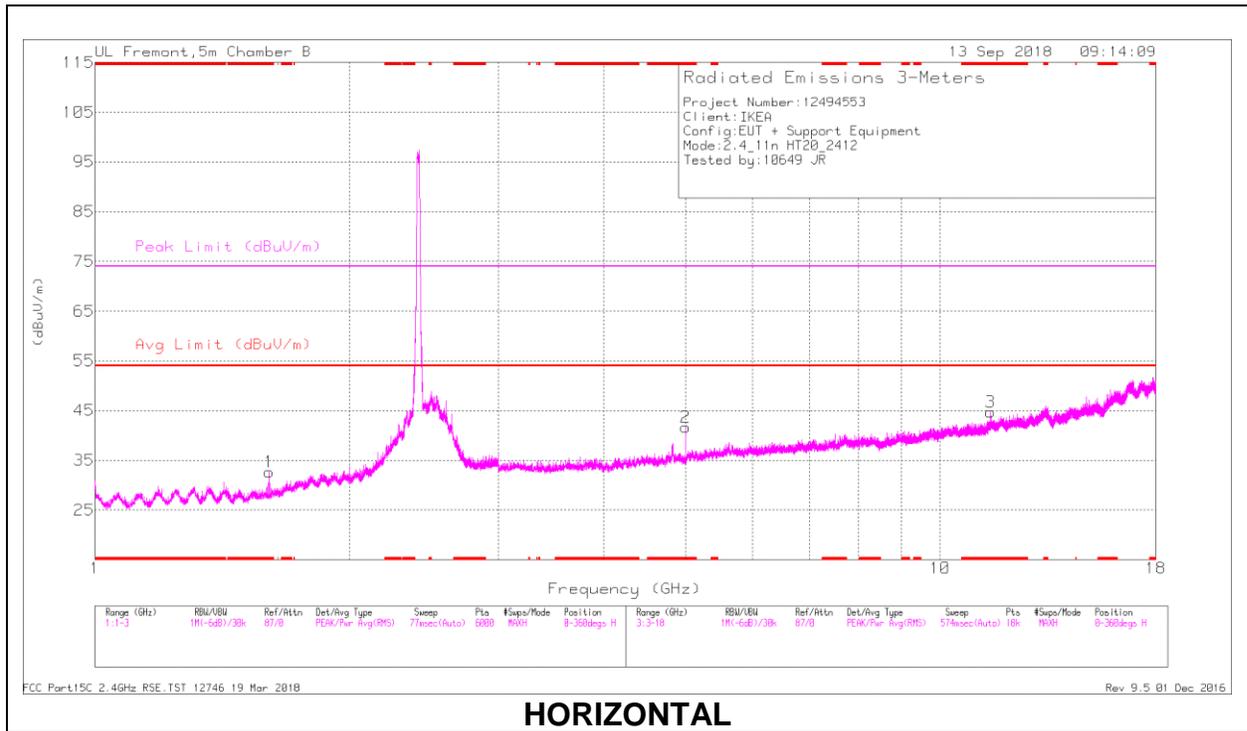
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.484	60.62	Pk	32.6	-20.7	0	72.52	-	-	74	-1.48	292	389	V
2	* 2.484	61.15	Pk	32.6	-20.7	0	73.05	-	-	74	-0.95	292	389	V
3	* 2.484	40.69	RMS	32.6	-20.7	.11	52.7	54	-1.3	-	-	292	389	V
4	* 2.484	41.65	RMS	32.6	-20.7	.11	53.66	54	-0.34	-	-	292	389	V

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

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL, CH 1 RESULTS



**RADIATED EMISSIONS**

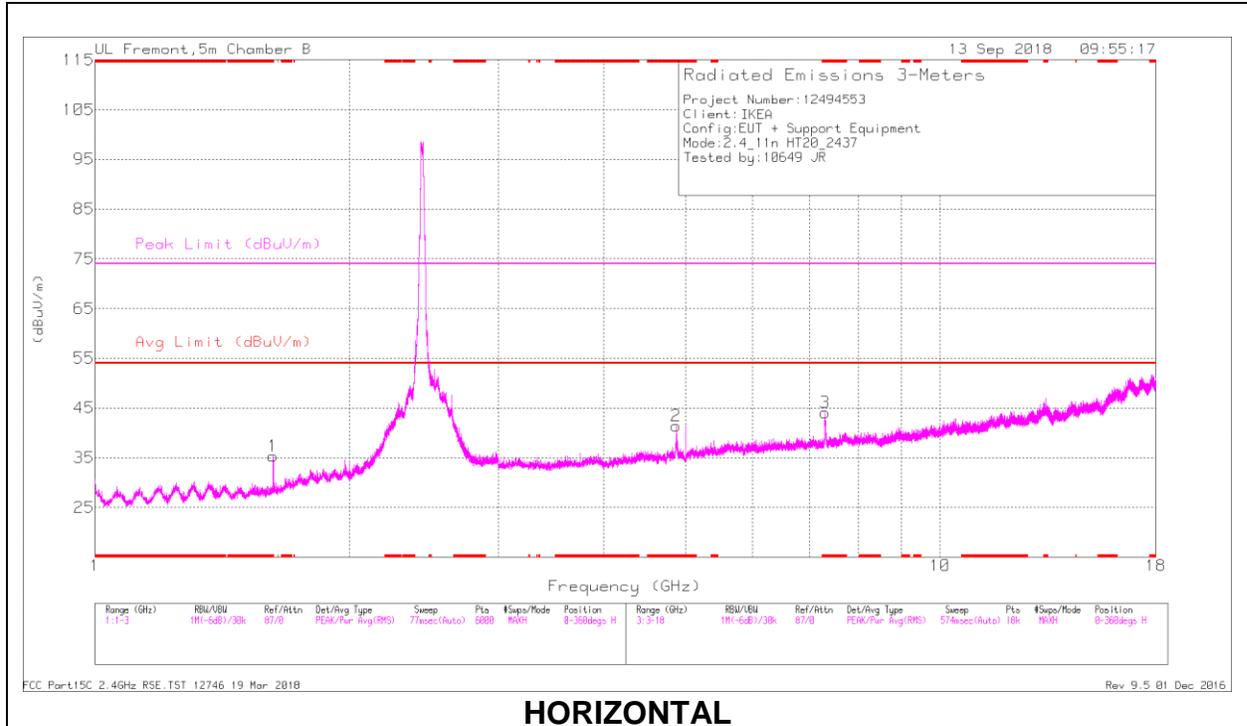
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.608	31.12	PK2	27.8	-21.1	0	37.82	-	-	74	-36.18	115	222	H
	* 1.608	22.86	MAv1	27.8	-21.2	.11	29.57	54	-24.43	-	-	115	222	H
4	* 1.608	31.19	PK2	27.8	-21.2	0	37.79	-	-	74	-36.21	204	146	V
	* 1.608	22.24	MAv1	27.8	-21.2	.11	28.95	54	-25.05	-	-	204	146	V
2	* 5	40.83	PK2	34.6	-28.8	0	46.63	-	-	74	-27.37	228	271	H
	* 5	34.14	MAv1	34.6	-28.8	.11	40.05	54	-13.95	-	-	228	271	H
3	* 11.461	32.81	PK2	38.4	-22.1	0	49.11	-	-	74	-24.89	4	339	H
	* 11.46	20.38	MAv1	38.4	-22	.11	36.89	54	-17.11	-	-	4	339	H
5	* 4.823	46.94	PK2	34.1	-29.4	0	51.64	-	-	74	-22.36	245	197	V
	* 4.823	31.28	MAv1	34.1	-29.4	.11	36.09	54	-17.91	-	-	245	197	V
6	14.319	32.29	PK2	40.4	-20.7	0	51.99	-	-	-	-	55	191	V

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

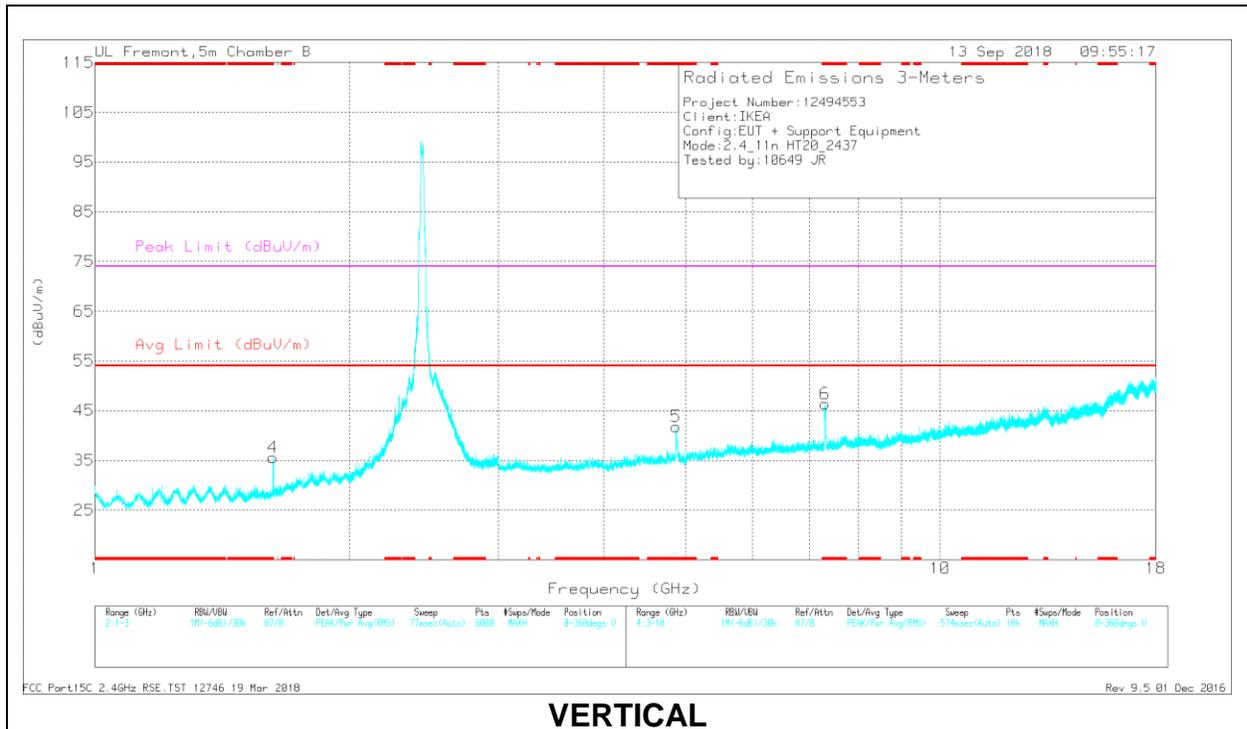
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

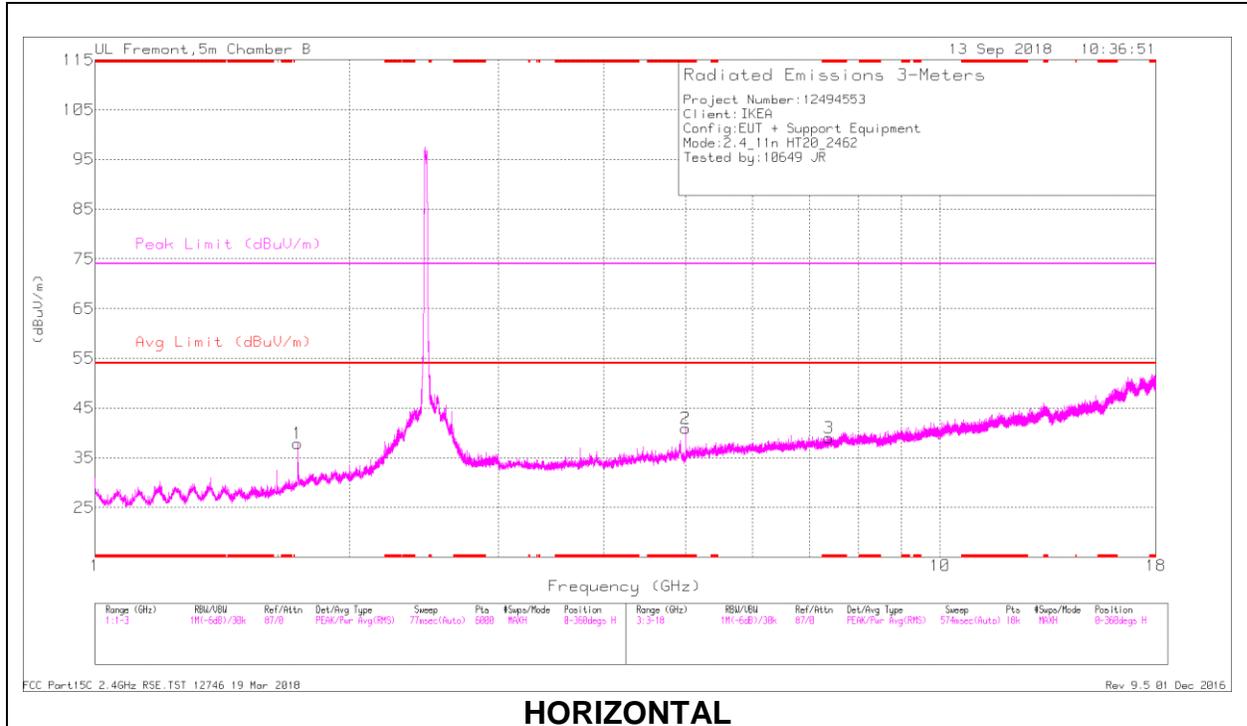
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.625	32.55	PK2	28.1	-21.4	0	39.25	-	-	74	-34.75	100	346	H
	* 1.625	26.35	MAv1	28.1	-21.4	.11	33.16	54	-20.84	-	-	100	346	H
4	* 1.625	33.73	PK2	28.1	-21.4	0	40.43	-	-	74	-33.57	193	150	V
	* 1.625	28.87	MAv1	28.1	-21.4	.11	35.68	54	-18.32	-	-	193	150	V
2	* 4.876	45.31	PK2	34.3	-30.4	0	49.21	-	-	74	-24.79	259	185	H
	* 4.875	32.65	MAv1	34.3	-30.4	.11	36.66	54	-17.34	-	-	259	185	H
3	* 7.311	44.33	PK2	35.9	-27.9	0	52.33	-	-	74	-21.67	223	199	H
	* 7.31	31.37	MAv1	35.9	-27.9	.11	39.48	54	-14.52	-	-	223	199	H
5	* 4.873	45.6	PK2	34.3	-30.3	0	49.6	-	-	74	-24.4	146	153	V
	* 4.873	33.85	MAv1	34.3	-30.3	.11	37.96	54	-16.04	-	-	146	153	V
6	* 7.317	46.46	PK2	35.9	-28	0	54.36	-	-	74	-19.64	173	314	V
	* 7.317	33.22	MAv1	35.9	-28	.11	41.23	54	-12.77	-	-	173	314	V

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

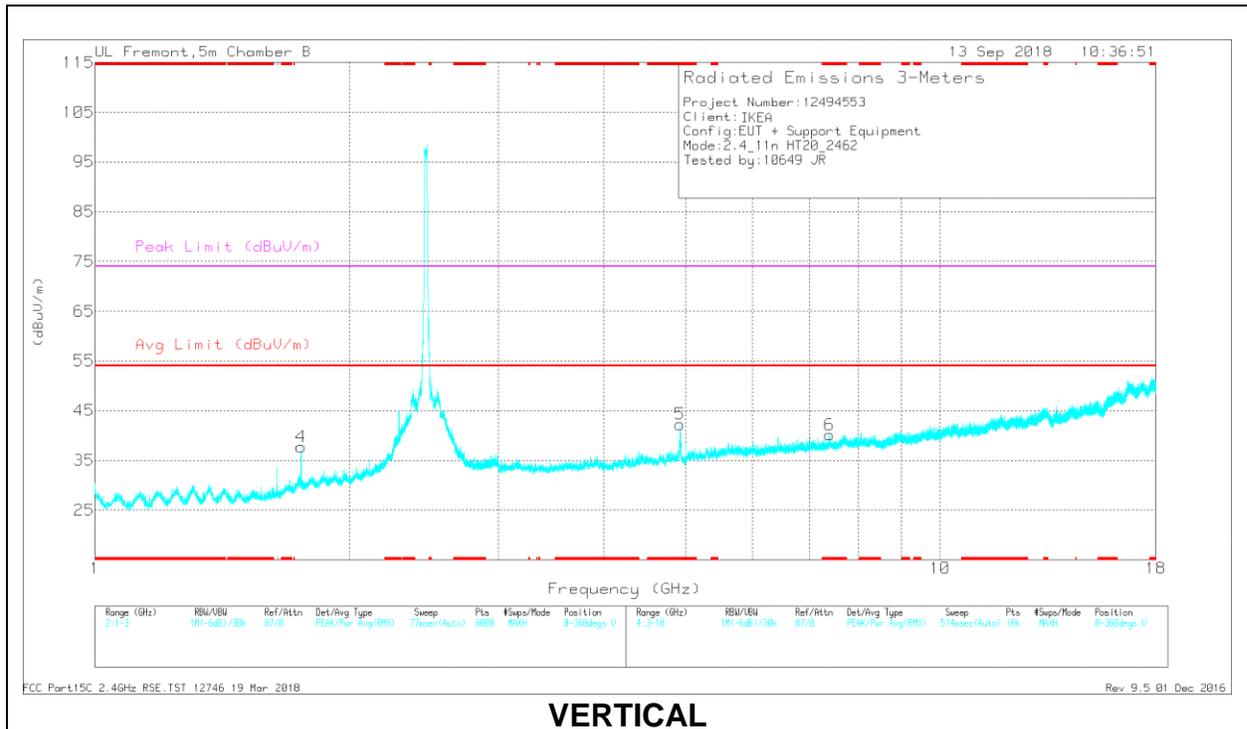
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 11 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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
2	* 5	41.34	PK2	34.6	-28.8	0	47.14	-	-	74	-26.86	247	199	H
	* 5	35.01	MAv1	34.6	-28.8	.11	40.92	54	-13.08	-	-	247	199	H
3	* 7.389	36.44	PK2	36.1	-26.9	0	45.64	-	-	74	-28.36	319	349	H
	* 7.386	24.14	MAv1	36.1	-26.9	.11	33.45	54	-20.55	-	-	319	349	H
5	* 4.924	48.23	PK2	34.4	-30.4	0	52.23	-	-	74	-21.77	248	151	V
	* 4.925	32.15	MAv1	34.4	-30.3	.11	36.36	54	-17.64	-	-	248	151	V
6	* 7.391	38.82	PK2	36.1	-26.8	0	48.12	-	-	74	-25.88	153	277	V
	* 7.391	25.05	MAv1	36.1	-26.8	.11	34.46	54	-19.54	-	-	153	277	V
1	1.739	30.35	PK2	30	-21.2	0	39.15	-	-	-	-	333	169	H
4	1.754	28.69	PK2	30.2	-21.1	0	37.79	-	-	-	-	333	152	V

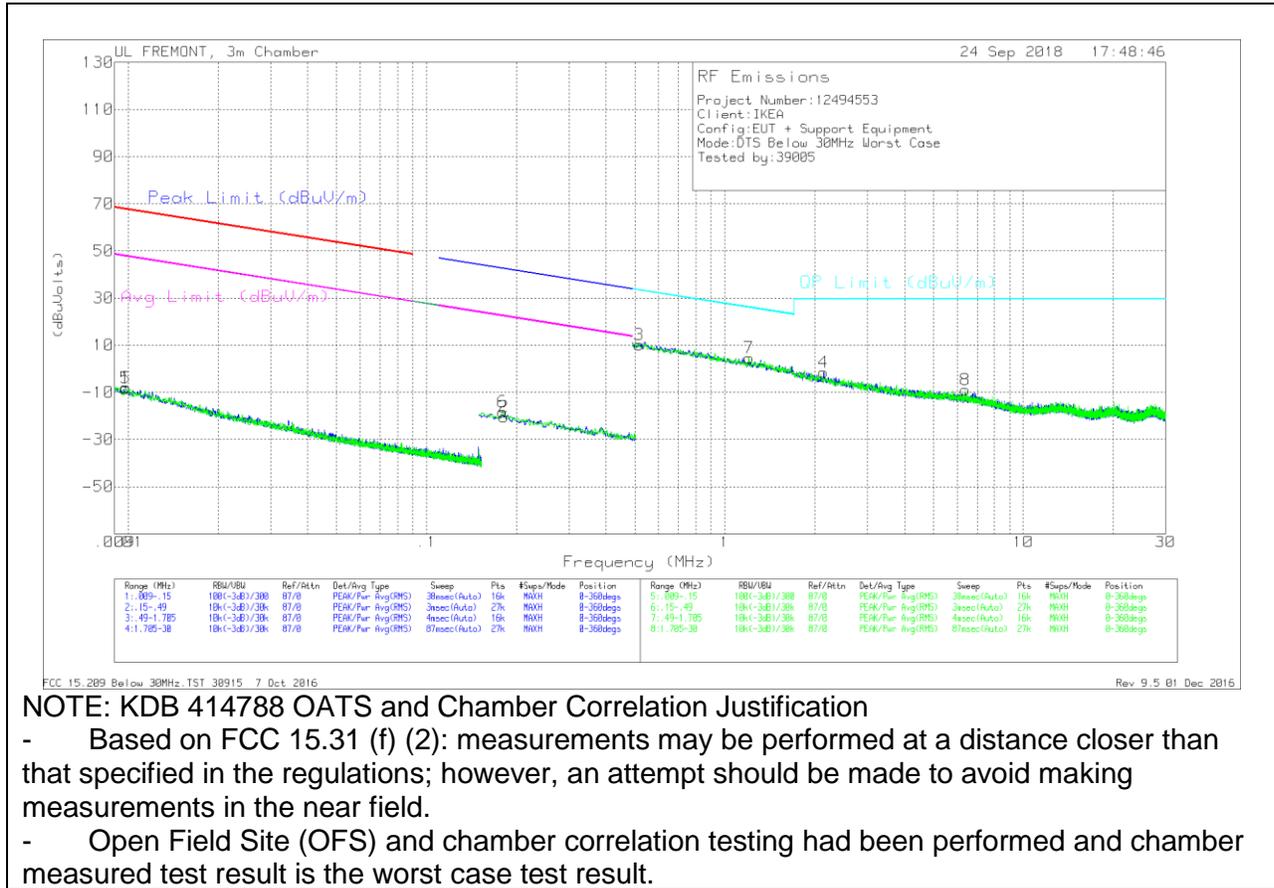
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

## 9.2. Worst Case Below 30 MHz

### SPURIOUS EMISSIONS 9 kHz TO 30 MHz (WORST-CASE CONFIGURATION)



### Below 30 MHz Data

#### Trace Markers

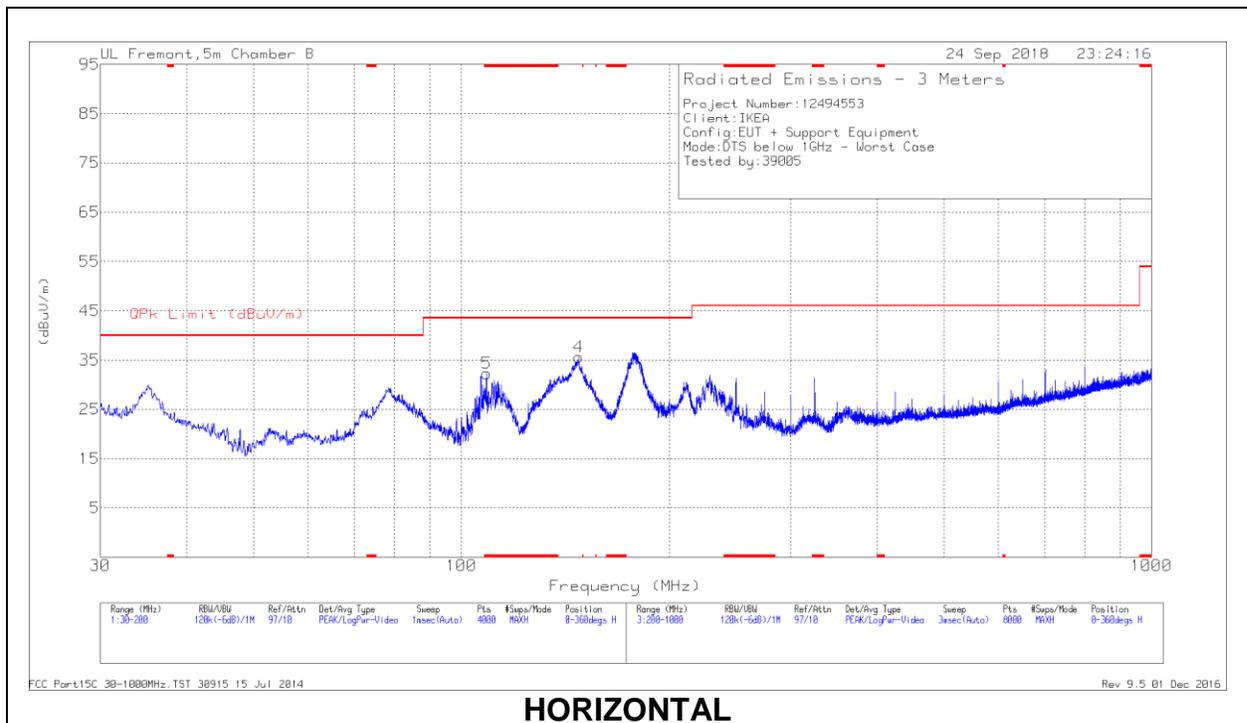
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.00979	51.71	Pk	19.1	1.4	-80	-7.79	67.77	-75.56	47.77	-55.56	-	-	-	-	0-360
5	.0098	51.25	Pk	19.1	1.4	-80	-8.25	67.76	-76.01	47.76	-56.01	-	-	-	-	0-360
6	.17995	48.55	Pk	11.8	1.5	-80	-18.15	-	-	-	-	42.52	-60.67	22.52	-40.67	0-360
2	.18155	46.3	Pk	11.8	1.5	-80	-20.4	-	-	-	-	42.44	-62.84	22.44	-42.84	0-360

#### Pk - Peak detector

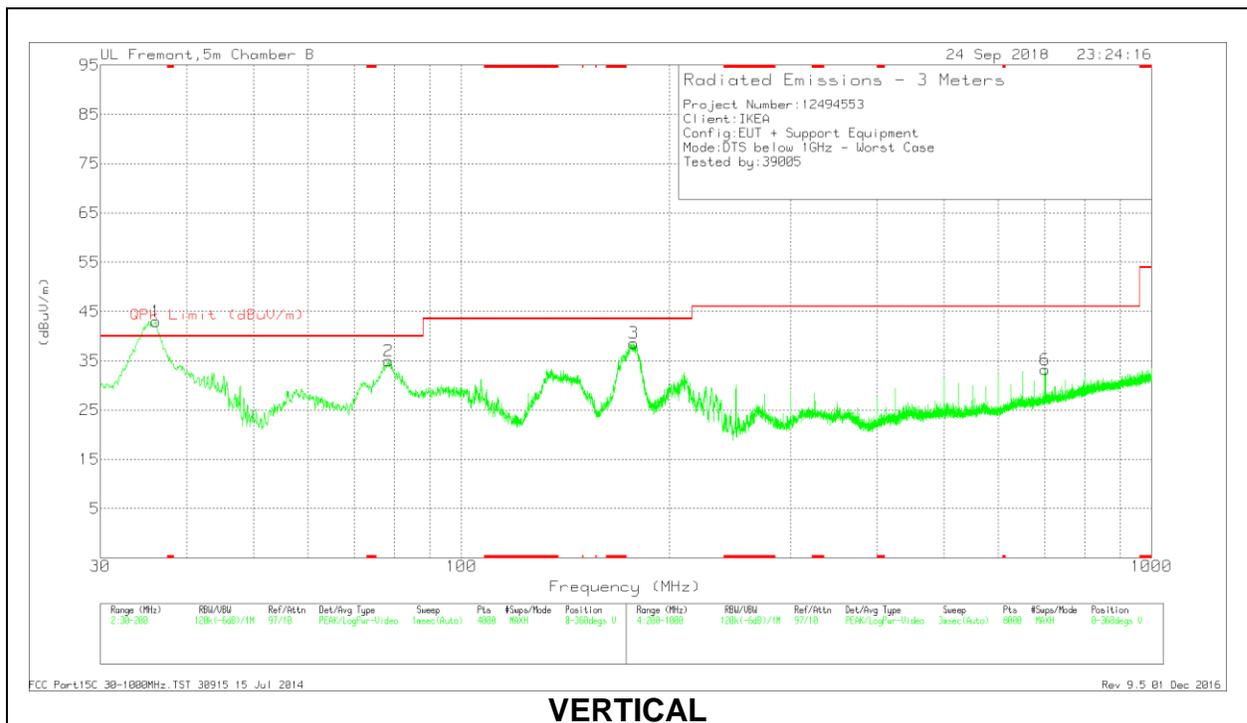
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.51478	37.05	Pk	11.7	1.5	-40	10.25	33.37	-23.12	-	-	-	-	0-360
7	1.20326	31.21	Pk	11.8	1.5	-40	4.51	26.02	-21.51	-	-	-	-	0-360
4	2.14516	25.08	Pk	11.9	1.5	-40	-1.52	29.5	-31.02	-	-	-	-	0-360
8	6.41209	18.11	Pk	11.4	1.5	-40	-8.99	29.5	-38.49	-	-	-	-	0-360

#### Pk - Peak detector

### 9.3. Worst Case Below 1 GHz



**HORIZONTAL**



**VERTICAL**

**Below 1GHz DATA**

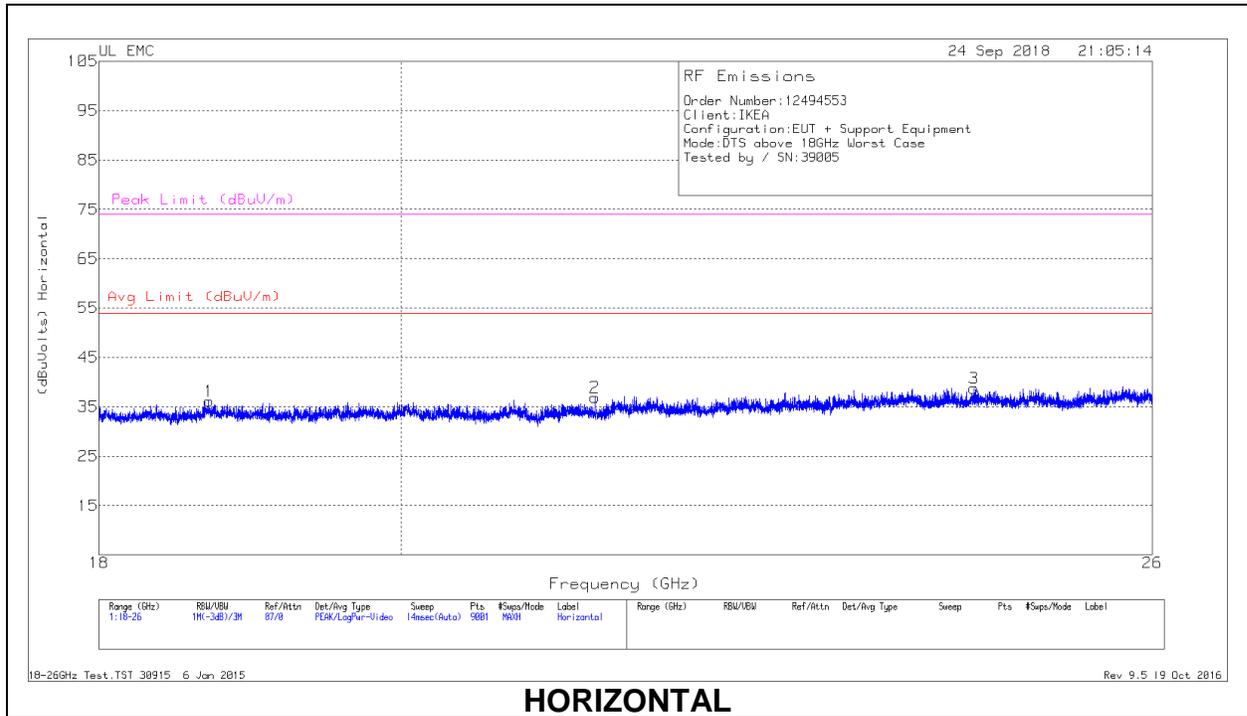
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 108.8154	43.67	Pk	16.5	-27.9	32.27	43.52	-11.25	0-360	300	H
1	36.0791	50.85	Pk	20.8	-28.7	42.95	40	2.95	0-360	100	V
	36.134	46.9	Qp	20.8	-28.7	39	40	-1	265	105	V
2	78.4625	51.34	Pk	11.8	-28.2	34.94	40	-5.06	0-360	100	V
	78.4231	45.98	Qp	11.8	-28.2	29.58	40	-10.42	221	103	V
4	147.883	46.53	Pk	16.5	-27.4	35.63	43.52	-7.89	0-360	200	H
3	177.7682	50.41	Pk	15.3	-27.1	38.61	43.52	-4.91	0-360	100	V
	177.688	44.66	Qp	15.3	-27.1	32.86	43.52	-10.66	342	100	V
6	701.0651	33.98	Pk	24.3	-25.1	33.18	46.02	-12.84	0-360	200	V

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

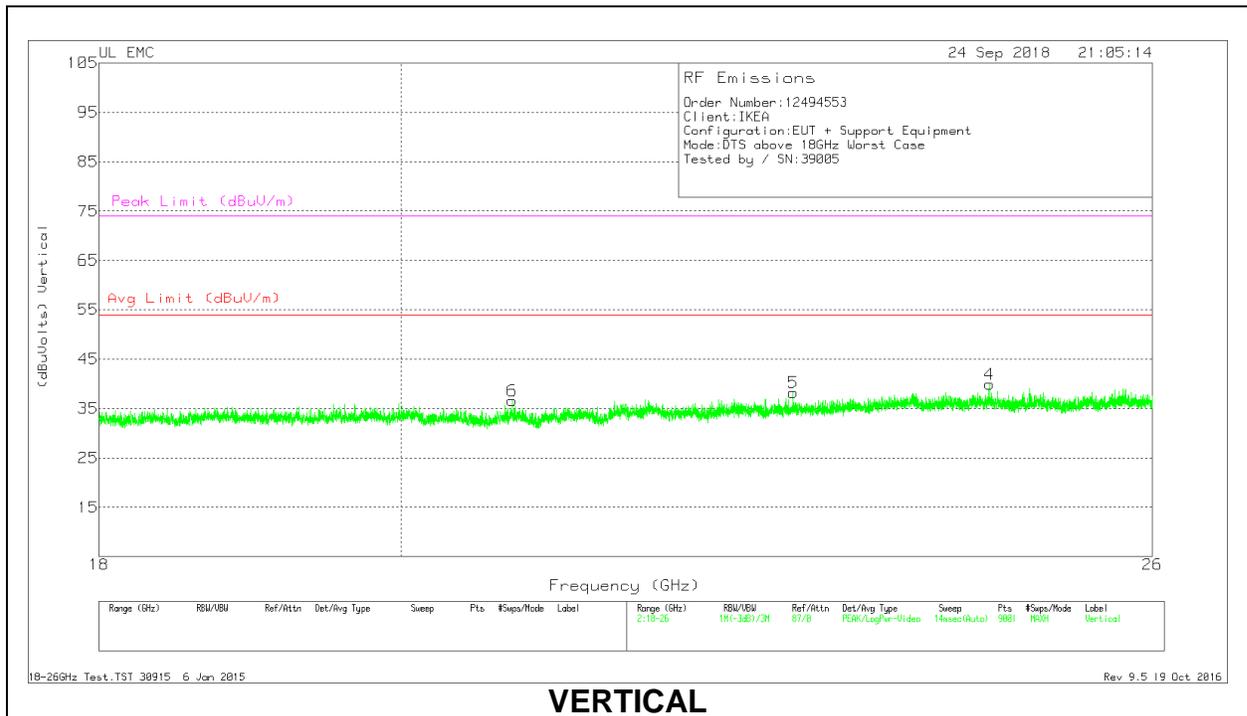
Pk - Peak detector

Qp - Quasi-Peak detector

### 9.4. Worst Case 18-26 GHz



**HORIZONTAL**



**VERTICAL**

**18 – 26GHz DATA**

Marker	Frequency (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)	Margin (dB)
1	18.703	37.44	Pk	32.5	-24.3	-9.5	36.14	54	-17.86	74	-37.86
2	21.403	38.9	Pk	33.1	-25.6	-9.5	36.9	54	-17.1	74	-37.1
3	24.43	38.45	Pk	33.9	-24.1	-9.5	38.75	54	-15.25	74	-35.25
4	24.564	39.41	Pk	33.9	-23.9	-9.5	39.91	54	-14.09	74	-34.09
5	22.934	39.23	Pk	33.5	-25	-9.5	38.23	54	-15.77	74	-35.77
6	20.794	38.4	Pk	32.7	-25	-9.5	36.6	54	-17.4	74	-37.4

Pk - Peak detector

## 10. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

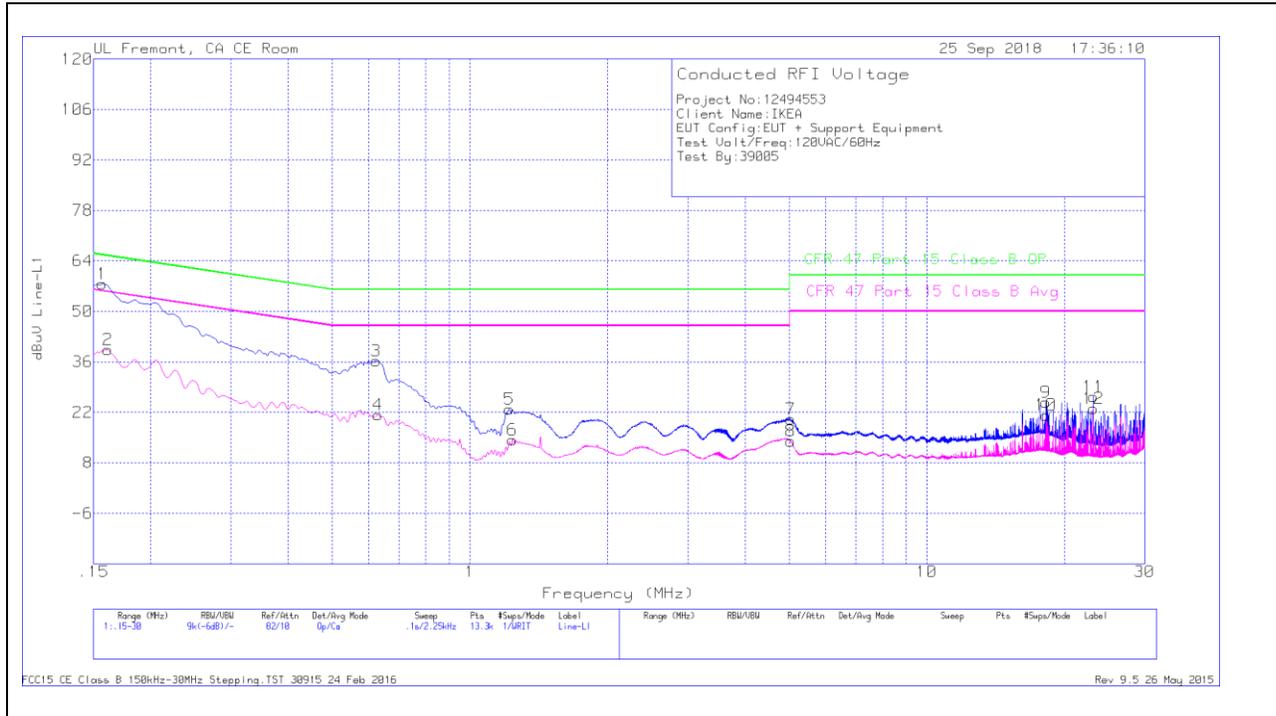
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS

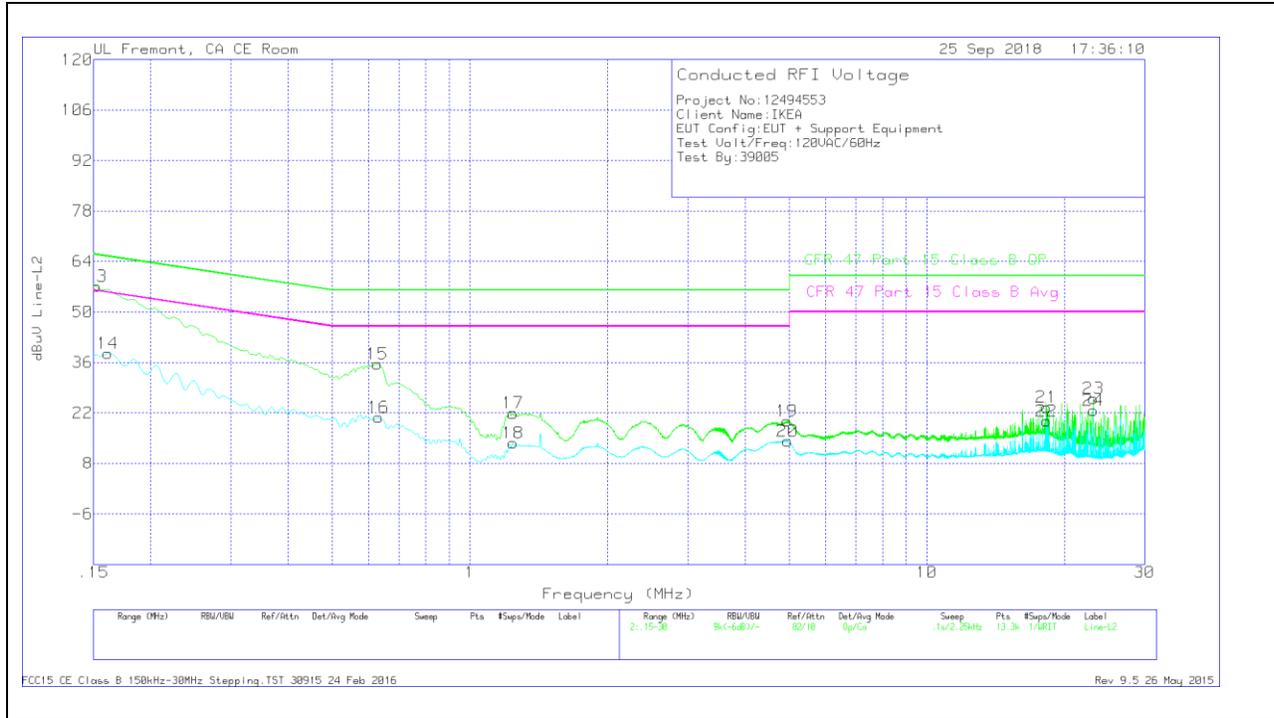


Trace Markers

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	.15675	47.46	Qp	.1	0	10.1	57.66	65.63	-7.97	-	-
2	.16125	29.19	Ca	.1	0	10.1	39.39	-	-	55.4	-16.01
3	.6225	26.2	Qp	0	0	10.1	36.3	56	-19.7	-	-
4	.62925	11.28	Ca	0	0	10.1	21.38	-	-	46	-24.62
5	1.21875	12.75	Qp	0	.1	10.1	22.95	56	-33.05	-	-
6	1.239	4.17	Ca	0	.1	10.1	14.37	-	-	46	-31.63
7	5.03475	9.84	Qp	0	.1	10.1	20.04	60	-39.96	-	-
8	5.03025	3.87	Ca	0	.1	10.1	14.07	-	-	50	-35.93
9	18.24225	14.08	Qp	.1	.3	10.3	24.78	60	-35.22	-	-
10	18.24225	10.53	Ca	.1	.3	10.3	21.23	-	-	50	-28.77
11	23.12925	15.61	Qp	.1	.3	10.4	26.41	60	-33.59	-	-
12	23.12925	12.23	Ca	.1	.3	10.4	23.03	-	-	50	-26.97

Qp - Quasi-Peak detector  
 Ca - CISPR average detection

### LINE 2 RESULTS



#### Trace Markers

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	.15225	46.87	Qp	.1	0	10.1	57.07	65.88	-8.81	-	-
14	.16125	28.36	Ca	.1	0	10.1	38.56	-	-	55.4	-16.84
15	.627	25.48	Qp	0	0	10.1	35.58	56	-20.42	-	-
16	.6315	10.72	Ca	0	0	10.1	20.82	-	-	46	-25.18
17	1.24125	11.73	Qp	0	.1	10.1	21.93	56	-34.07	-	-
18	1.24125	3.52	Ca	0	.1	10.1	13.72	-	-	46	-32.28
19	4.94925	9.6	Qp	0	.1	10.1	19.8	56	-36.2	-	-
20	4.9515	4.02	Ca	0	.1	10.1	14.22	-	-	46	-31.78
21	18.30525	12.9	Qp	.1	.3	10.3	23.6	60	-36.4	-	-
22	18.30525	9.1	Ca	.1	.3	10.3	19.8	-	-	50	-30.2
23	23.12925	15.23	Qp	.1	.3	10.4	26.03	60	-33.97	-	-
24	23.12925	11.89	Ca	.1	.3	10.4	22.69	-	-	50	-27.31

Qp - Quasi-Peak detector  
 Ca - CISPR average detection