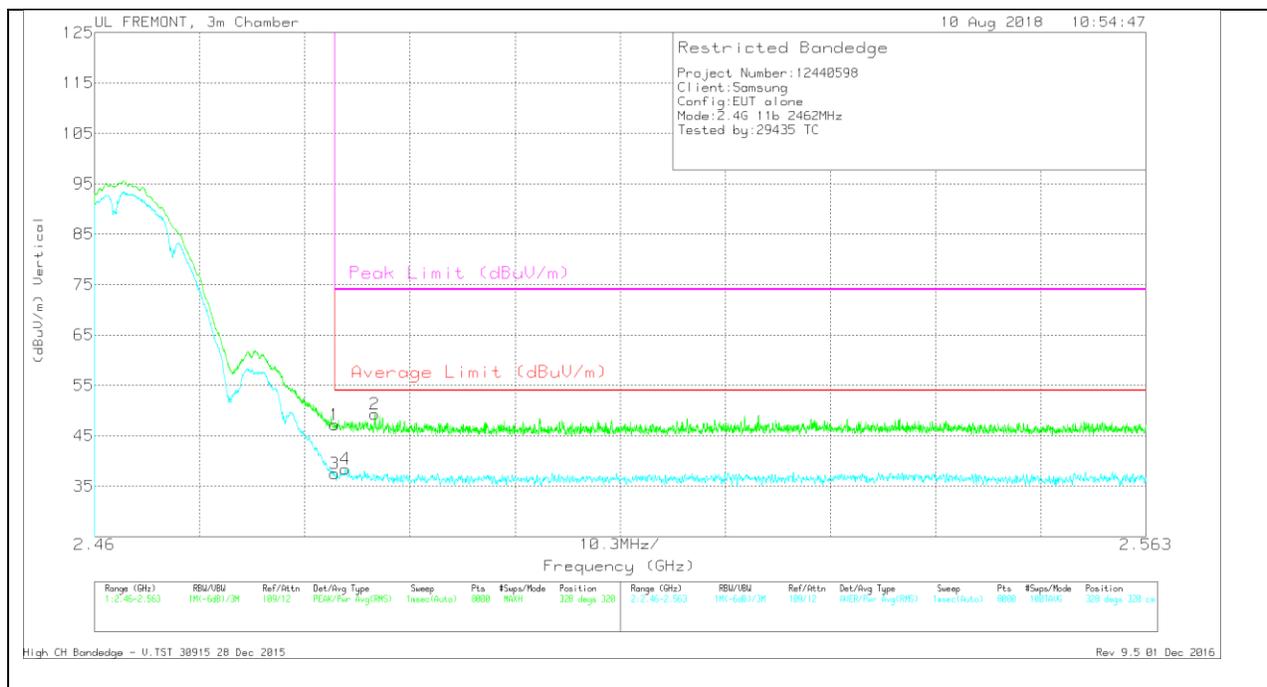


### VERTICAL RESULT

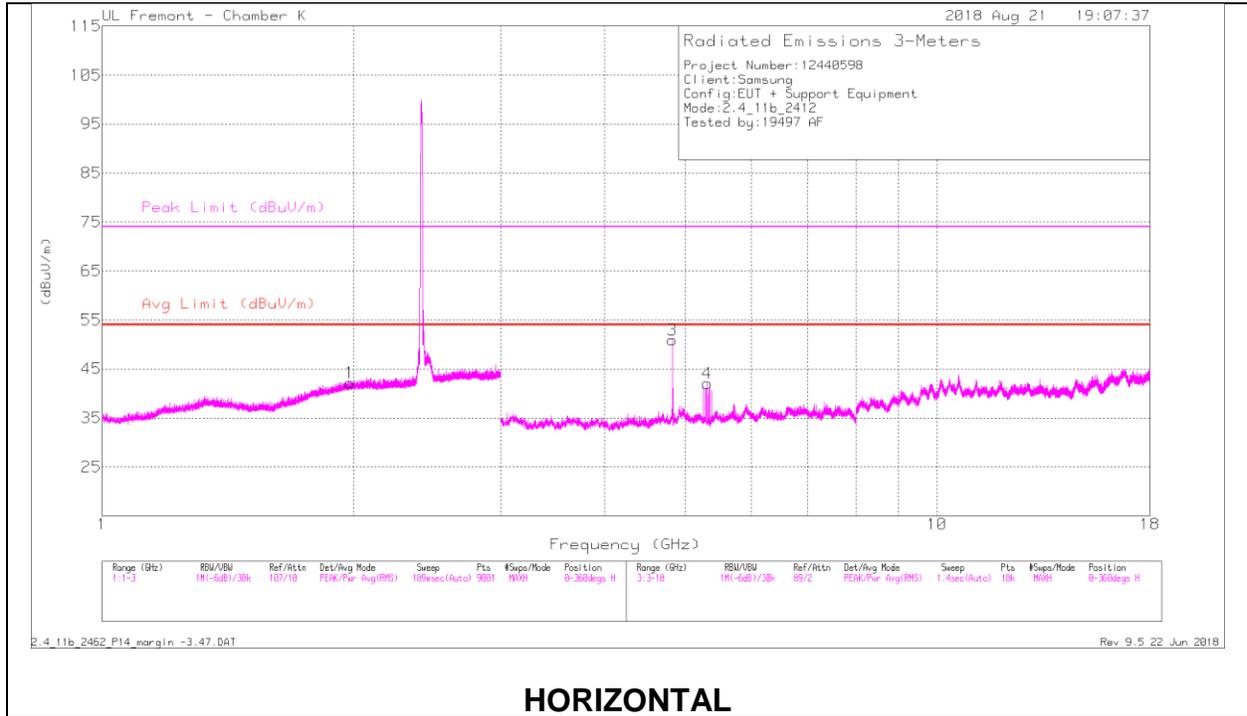


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.484	36.72	Pk	32.3	-21.8	47.22	-	-	74	-26.78	328	320	V
3	2.484	27.06	RMS	32.3	-21.8	37.56	54	-16.44	-	-	328	320	V
4	2.485	27.93	RMS	32.3	-21.8	38.43	54	-15.57	-	-	328	320	V
2	2.487	38.8	Pk	32.3	-21.8	49.3	-	-	74	-24.7	328	320	V

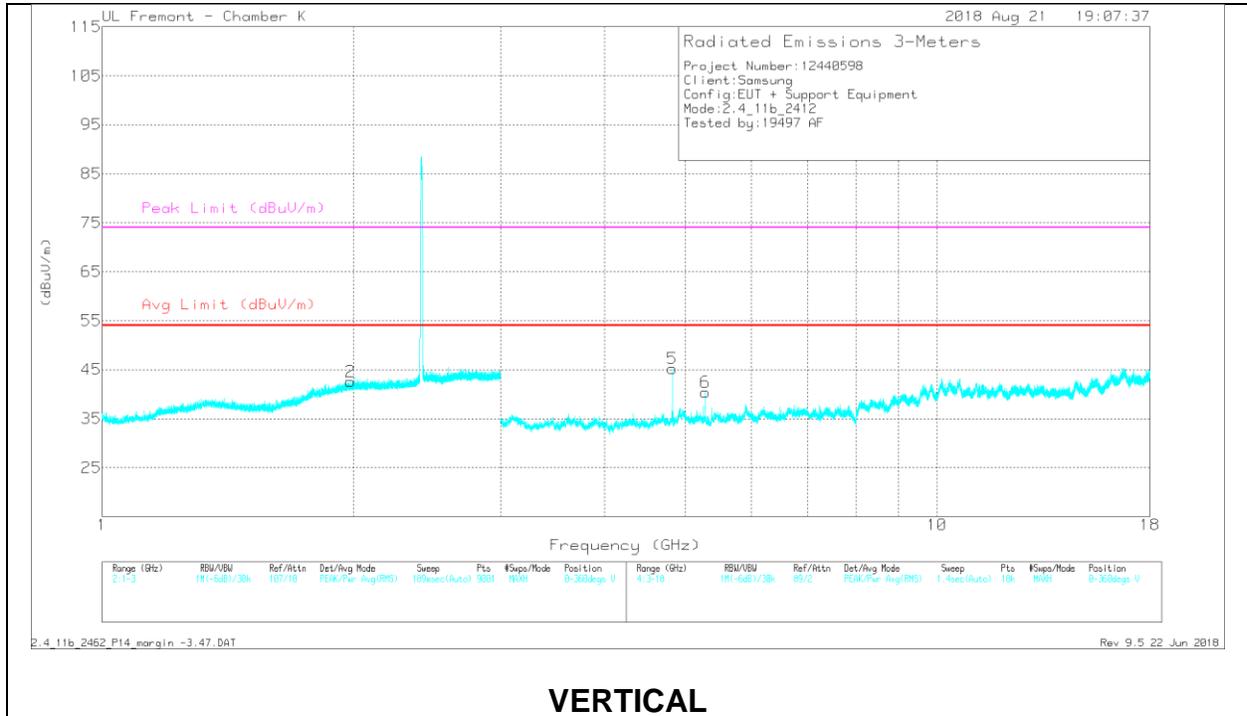
Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



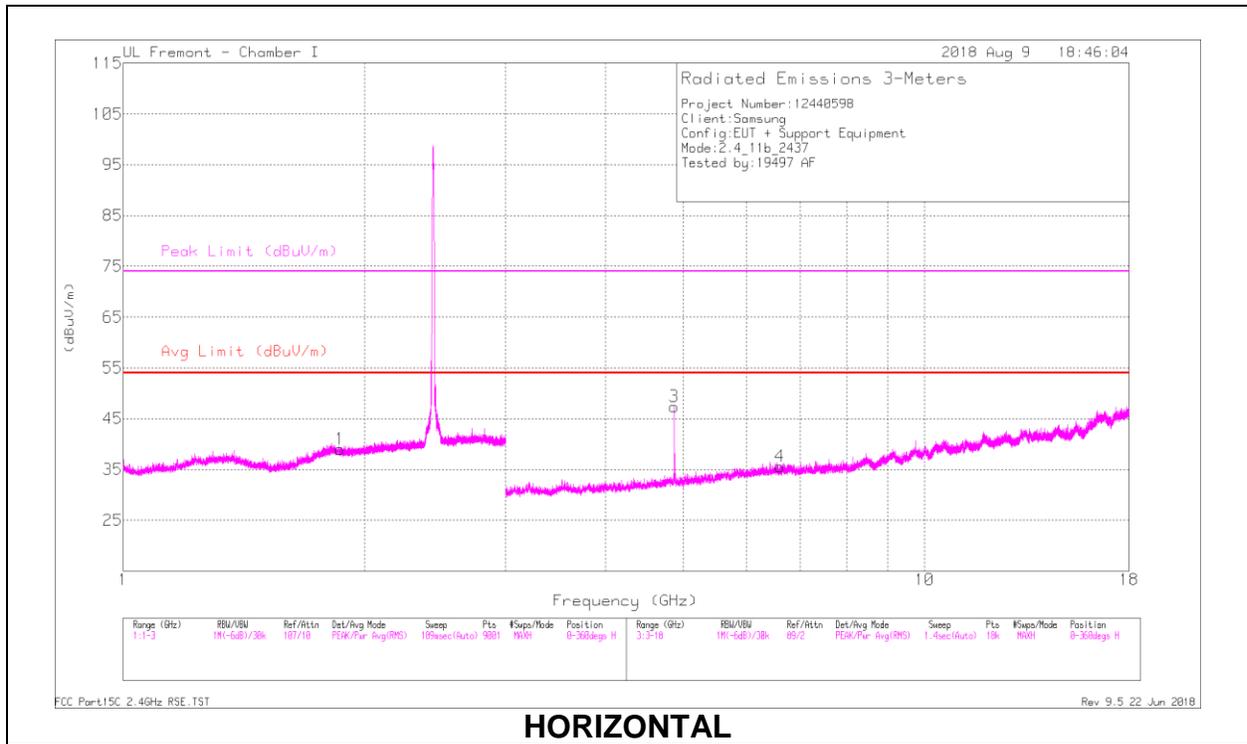
**VERTICAL**

**RADIATED EMISSIONS**

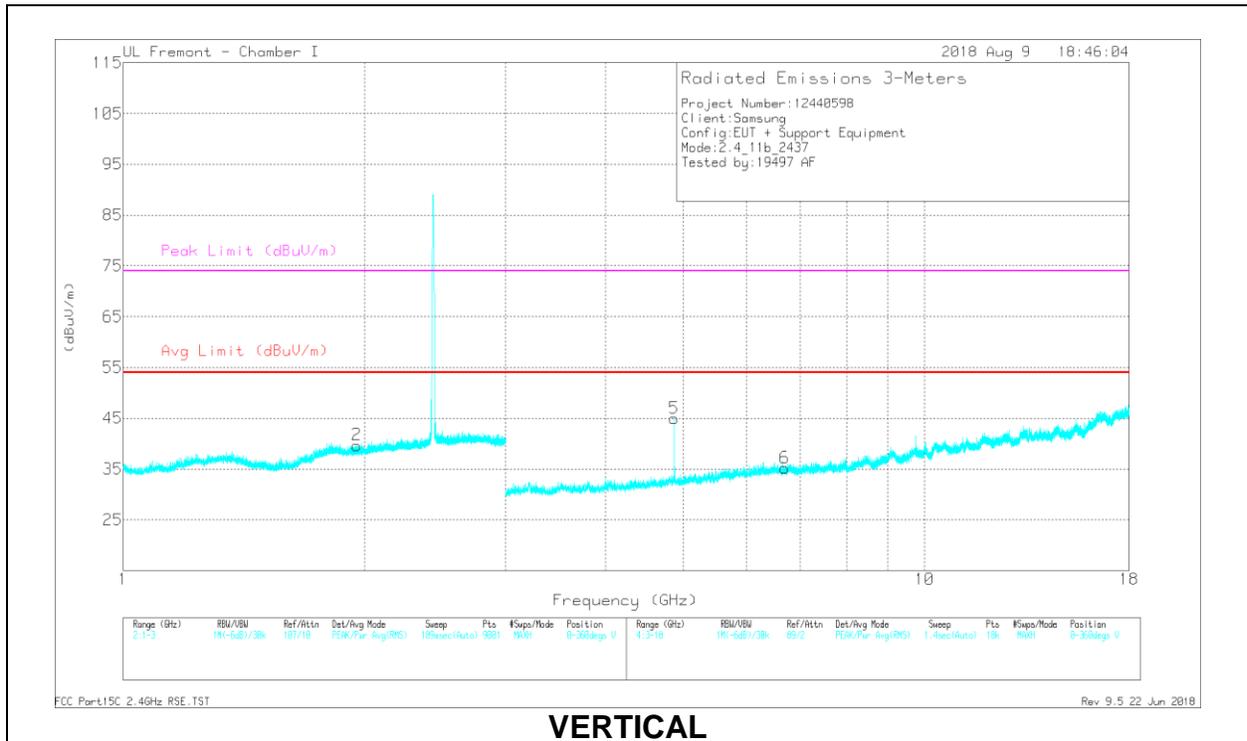
Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.98	40.64	PK2	31.6	-23.6	0	48.64	-	-	-	-	166	286	H
1.985	41.6	PK2	31.6	-23.6	0	49.6	-	-	-	-	184	391	V
* 4.824	47.51	PK2	34.2	-29	0	52.71	-	-	74	-21.29	120	101	H
* 4.824	45.62	MAV1	34.2	-29	0	50.82	54	-3.18	-	-	120	101	H
5.311	36.16	PK2	34.5	-28.6	0	42.06	-	-	-	-	189	287	H
* 4.824	43.22	PK2	34.2	-29	0	48.42	-	-	74	-25.58	87	103	V
* 4.824	39.07	MAV1	34.2	-29	0	44.27	54	-9.73	-	-	87	103	V
5.282	38.18	PK2	34.4	-28.5	0	44.08	-	-	-	-	29	294	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAV1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

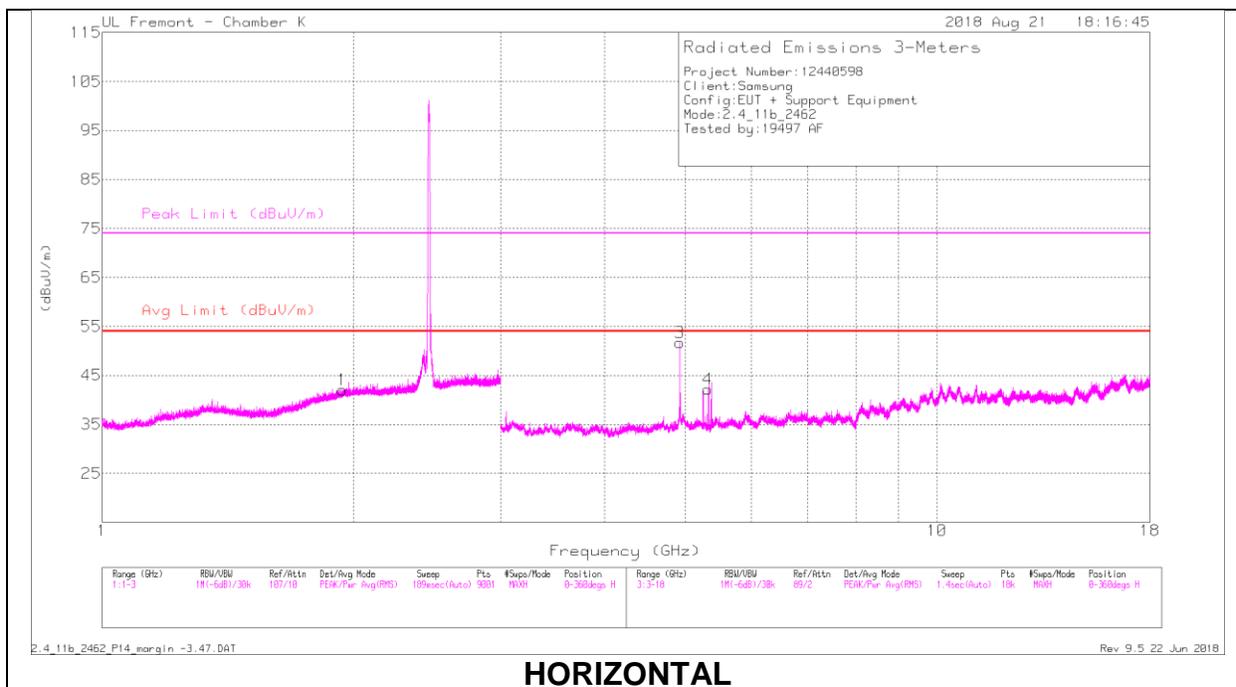
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.863	38.31	PK2	30.7	-22.3	0	46.71	-	-	-	-	233	178	H
1.96	38.09	PK2	30.8	-22.5	0	46.39	-	-	-	-	356	303	V
* 4.874	44.88	PK2	34.2	-28.6	0	50.48	-	-	74	-23.52	39	325	H
* 4.874	42.63	MAv1	34.2	-28.6	0	48.23	54	-5.77	-	-	39	325	H
6.595	32.42	PK2	35.7	-25.7	0	42.42	-	-	-	-	256	185	H
* 4.874	41.1	PK2	34.2	-28.6	0	46.7	-	-	74	-27.3	350	114	V
* 4.874	38.33	MAv1	34.2	-28.6	0	43.93	54	-10.07	-	-	350	114	V
6.691	33.81	PK2	35.7	-26.9	0	42.61	-	-	-	-	3	105	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

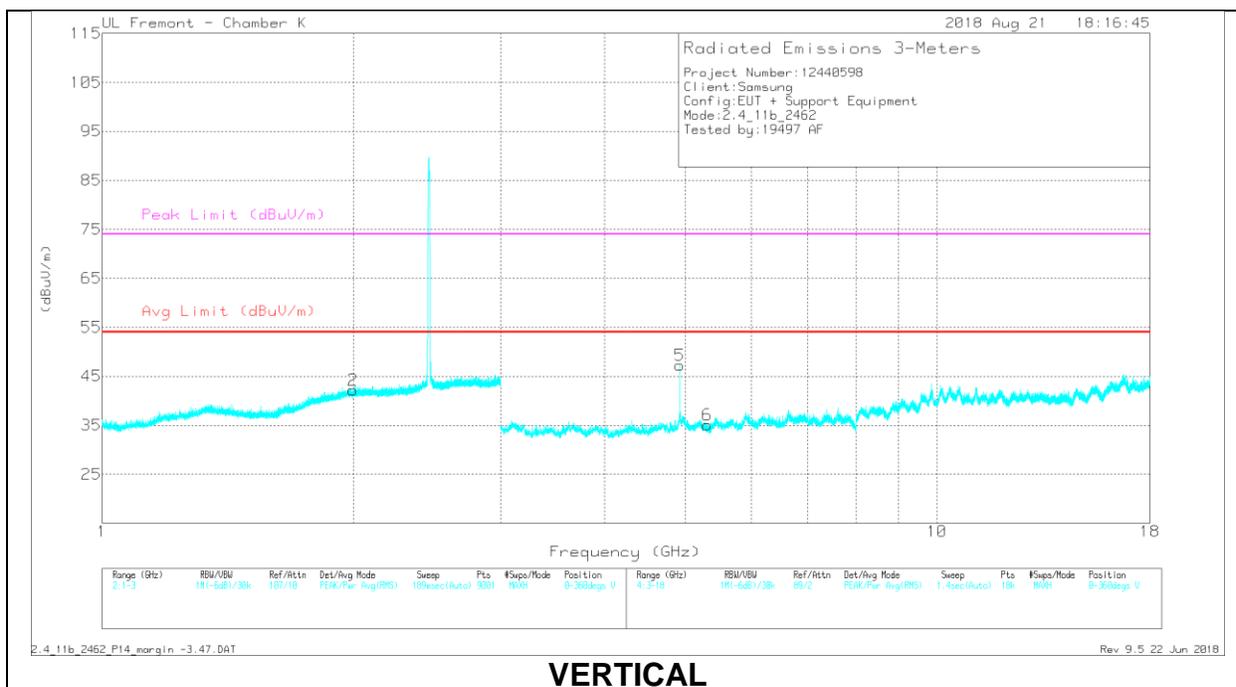
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 11 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

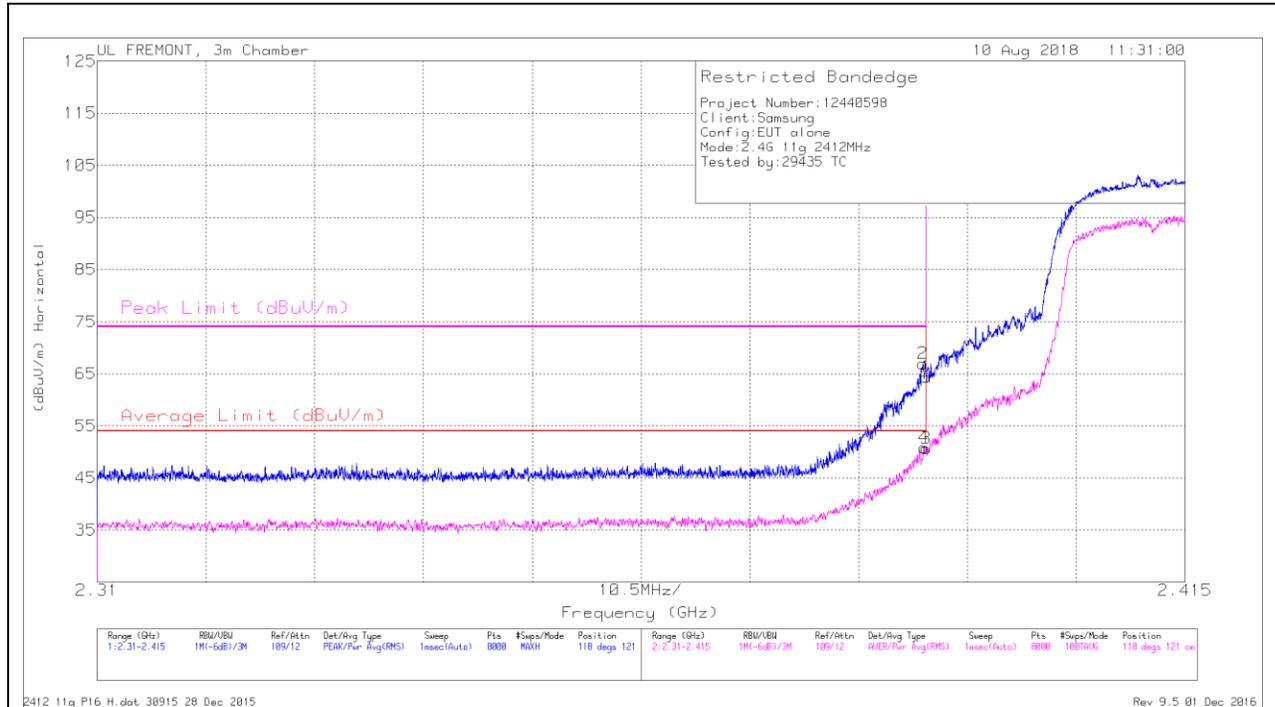
Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.937	40.96	PK2	31.4	-23.7	0	48.66	-	-	-	-	26	226	H
1.998	42.23	PK2	31.7	-23.6	0	50.33	-	-	-	-	137	193	V
* 4.924	45.91	PK2	34.2	-27.9	0	52.21	-	-	74	-21.79	133	102	H
* 4.924	43.75	MAV1	34.2	-27.9	0	50.05	54	-3.95	-	-	133	102	H
5.315	36.05	PK2	34.5	-28.5	0	42.05	-	-	-	-	104	251	H
* 4.924	44.01	PK2	34.2	-27.9	0	50.31	-	-	74	-23.69	112	100	V
* 4.924	40.51	MAV1	34.2	-27.9	0	46.81	54	-7.19	-	-	112	100	V
5.313	36	PK2	34.5	-28.5	0	42	-	-	-	-	109	369	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAV1 - KDB558074 Option 1 Maximum RMS Average

### 10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

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

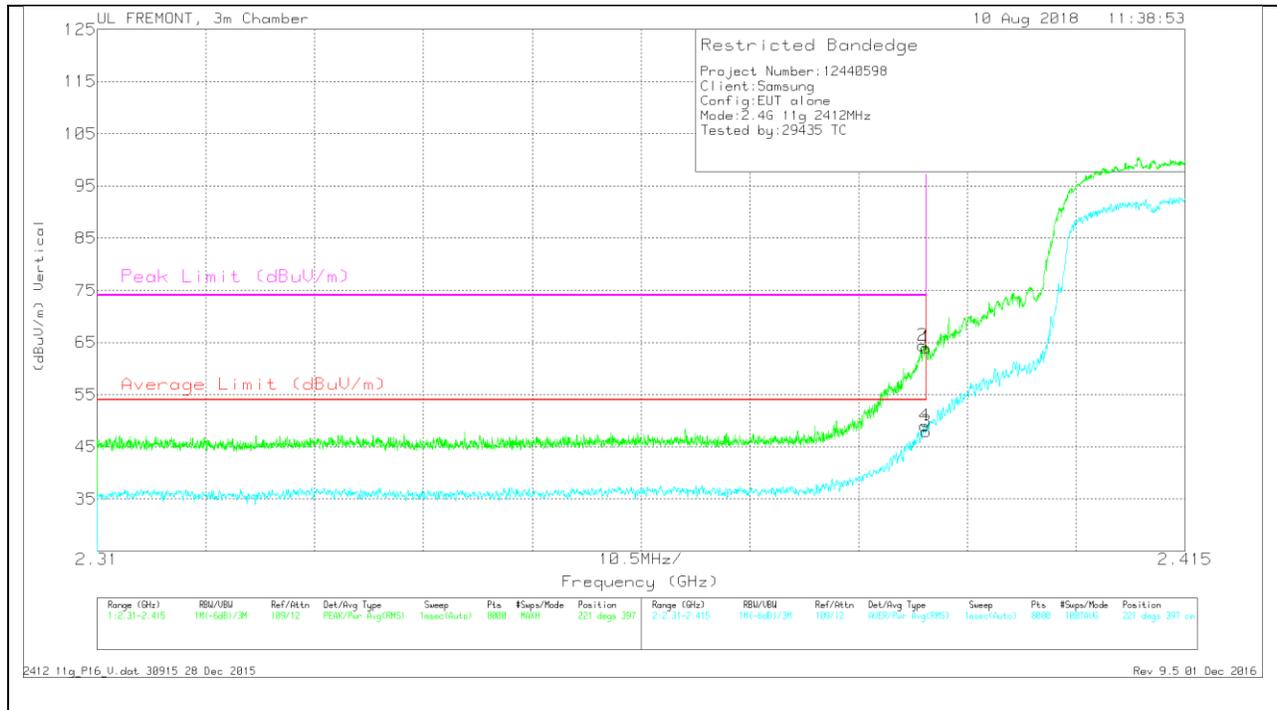
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	53.77	Pk	32	-21.4	0	64.37	-	-	74	-9.63	118	121	H
2	2.39	56.33	Pk	32	-21.4	0	66.93	-	-	74	-7.07	118	121	H
3	2.39	40.06	RMS	32	-21.4	.22	50.88	54	-3.12	-	-	118	121	H
4	2.39	40.18	RMS	32	-21.4	.22	51	54	-3	-	-	118	121	H

PK - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

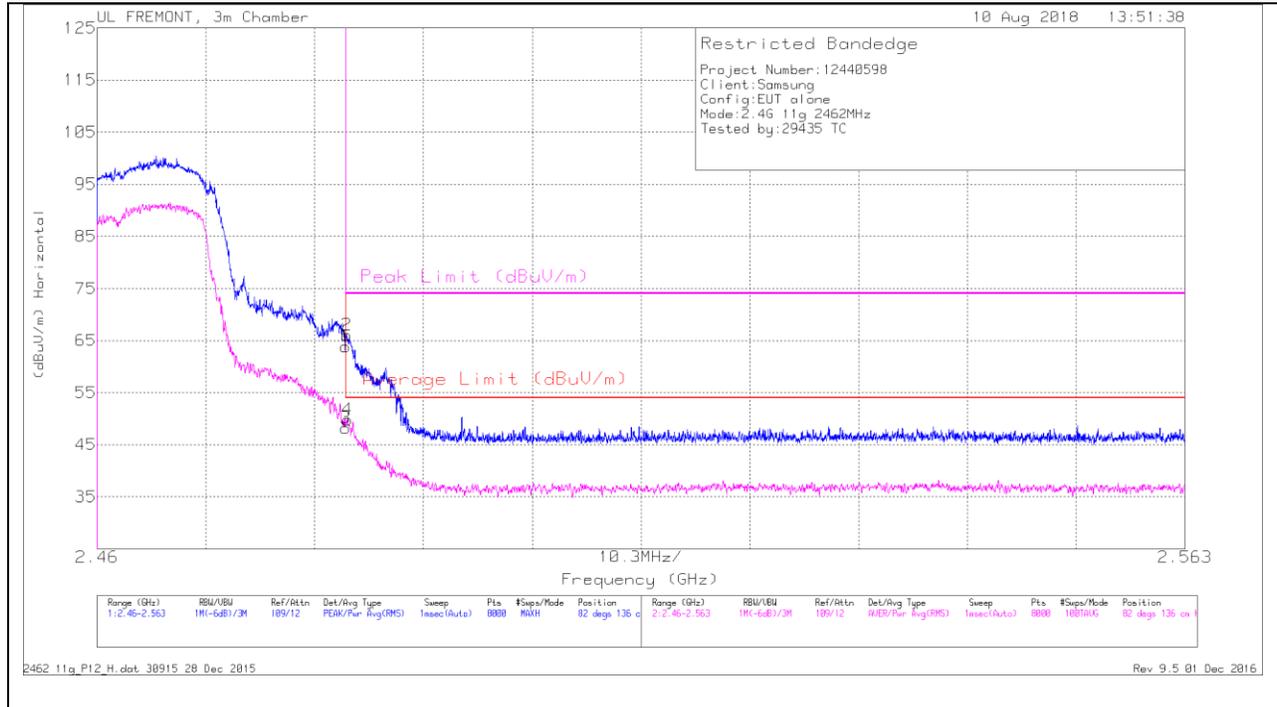


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39	53.4	Pk	32	-21.4	0	64	-	-	74	-10	221	397	V
2	2.39	53.79	Pk	32	-21.4	0	64.39	-	-	74	-9.61	221	397	V
3	2.39	37.32	RMS	32	-21.4	.22	48.14	54	-5.86	-	-	221	397	V
4	2.39	38.41	RMS	32	-21.4	.22	49.23	54	-4.77	-	-	221	397	V

Pk - Peak detector  
 RMS - RMS detection

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

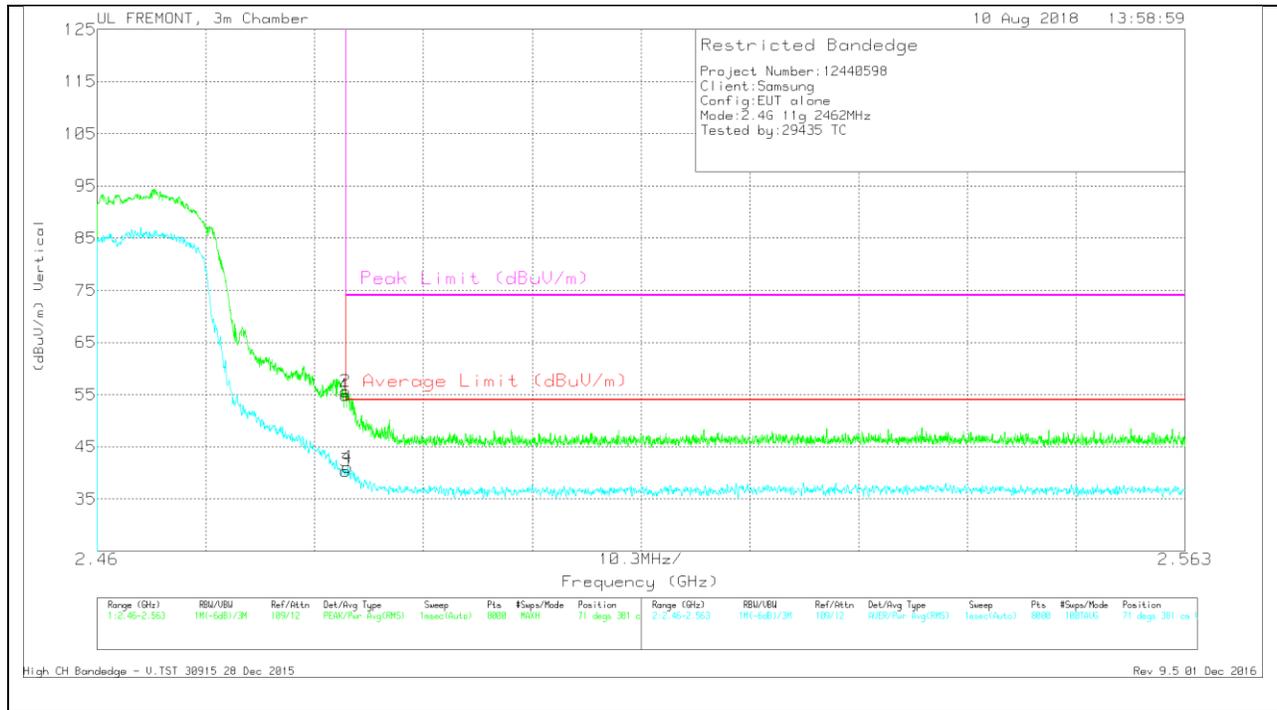
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Ch/Fltr/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	53.33	Pk	32.3	-21.8	0	63.83	-	-	74	-10.17	82	136	H
2	2.484	55.6	Pk	32.3	-21.8	0	66.1	-	-	74	-7.9	82	136	H
3	2.484	37.72	RMS	32.3	-21.8	.22	48.44	54	-5.56	-	-	82	136	H
4	2.484	39.27	RMS	32.3	-21.8	.22	49.99	54	-4.01	-	-	82	136	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

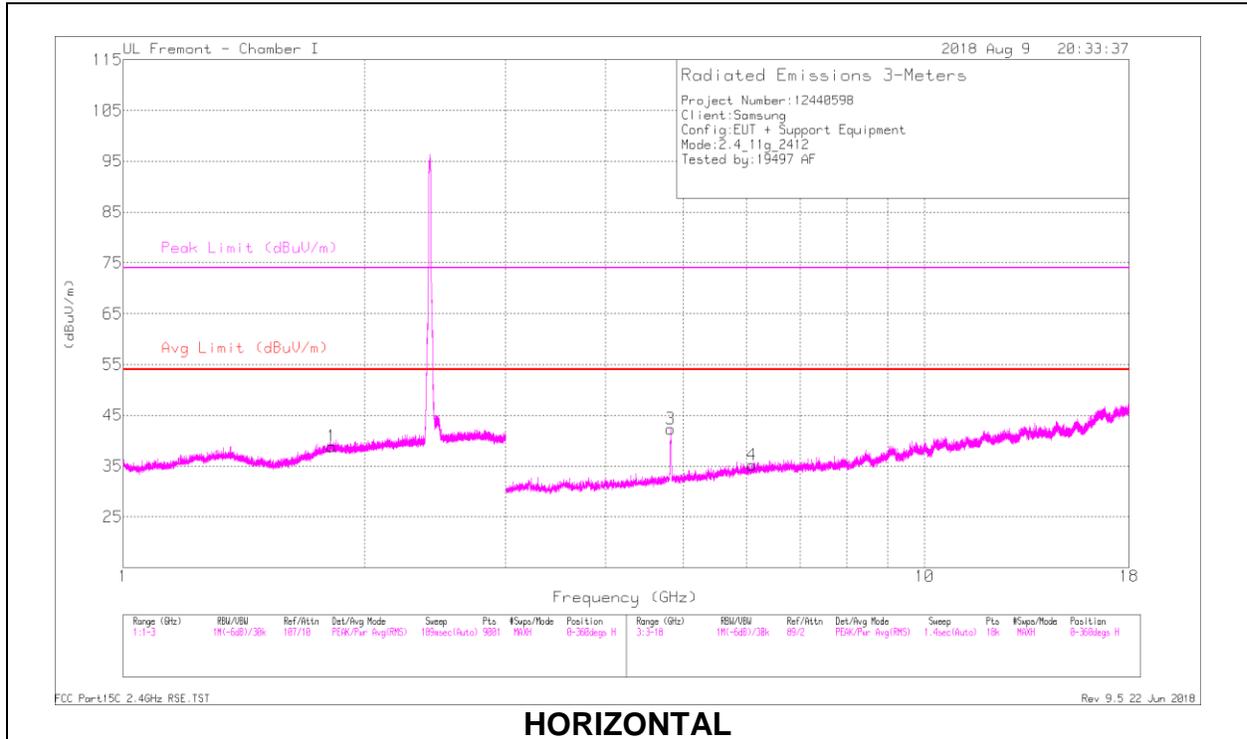


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.484	44.33	Pk	32.3	-21.8	0	54.83	-	-	74	-19.17	71	381	V
2	2.484	45.08	Pk	32.3	-21.8	0	55.58	-	-	74	-18.42	71	381	V
3	2.484	29.92	RMS	32.3	-21.8	.22	40.64	54	-13.36	-	-	71	381	V
4	2.484	30.59	RMS	32.3	-21.8	.22	41.31	54	-12.69	-	-	71	381	V

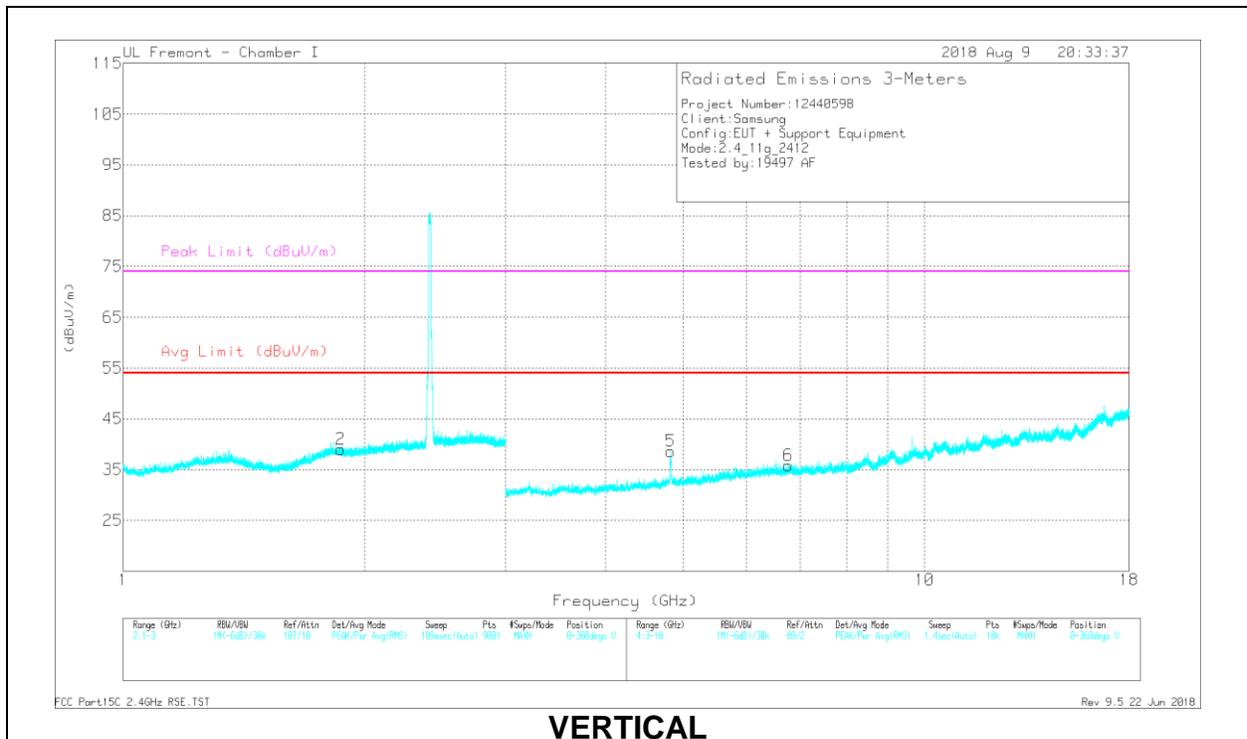
Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

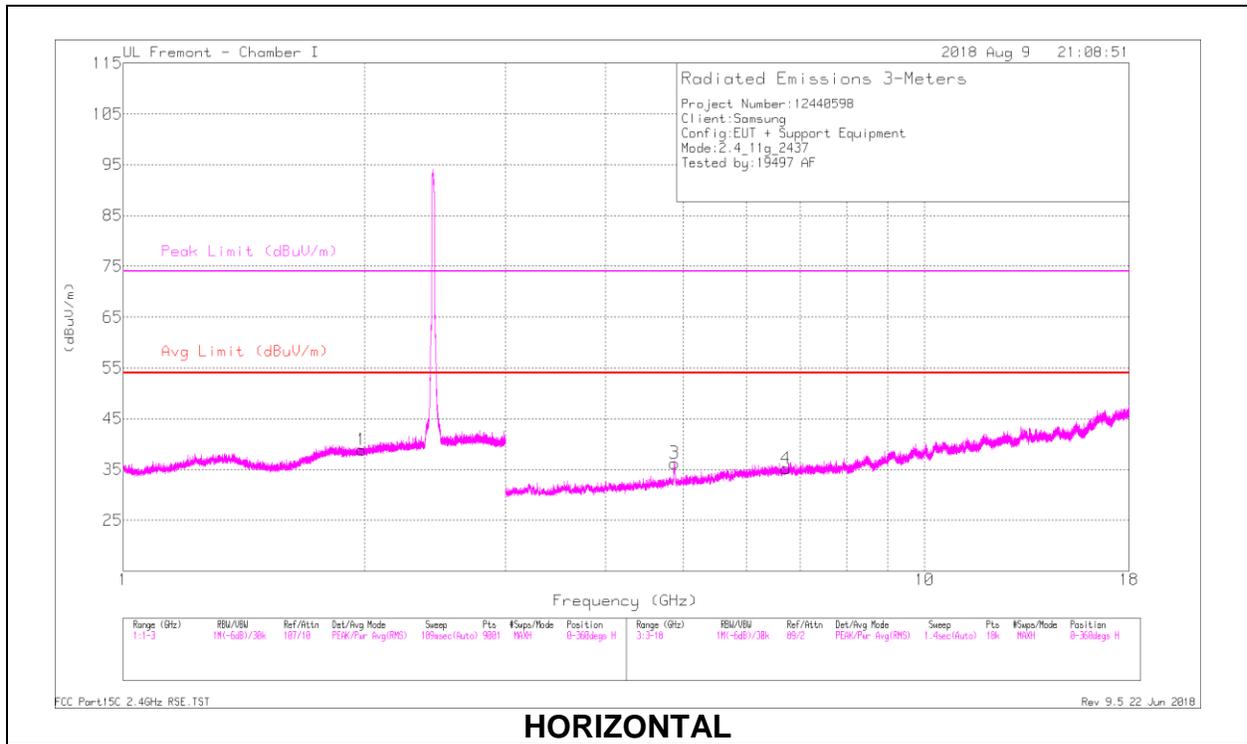
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.82	38.08	PK2	30.8	-22.2	0	46.68	-	-	-	-	330	300	H
1.869	38.13	PK2	30.8	-22.3	0	46.63	-	-	-	-	125	183	V
* 4.823	44	PK2	34.2	-28.2	0	50	-	-	74	-24	48	283	H
* 4.824	34.19	MAv1	34.2	-28.3	.22	40.31	54	-13.69	-	-	48	283	H
6.09	34.54	PK2	35.4	-27.6	0	42.34	-	-	-	-	35	157	H
* 4.822	39.25	PK2	34.2	-28.2	0	45.25	-	-	74	-28.75	312	105	V
* 4.822	29.95	MAv1	34.2	-28.2	.22	36.17	54	-17.83	-	-	312	105	V
6.763	34.21	PK2	35.6	-26.7	0	43.11	-	-	-	-	79	155	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

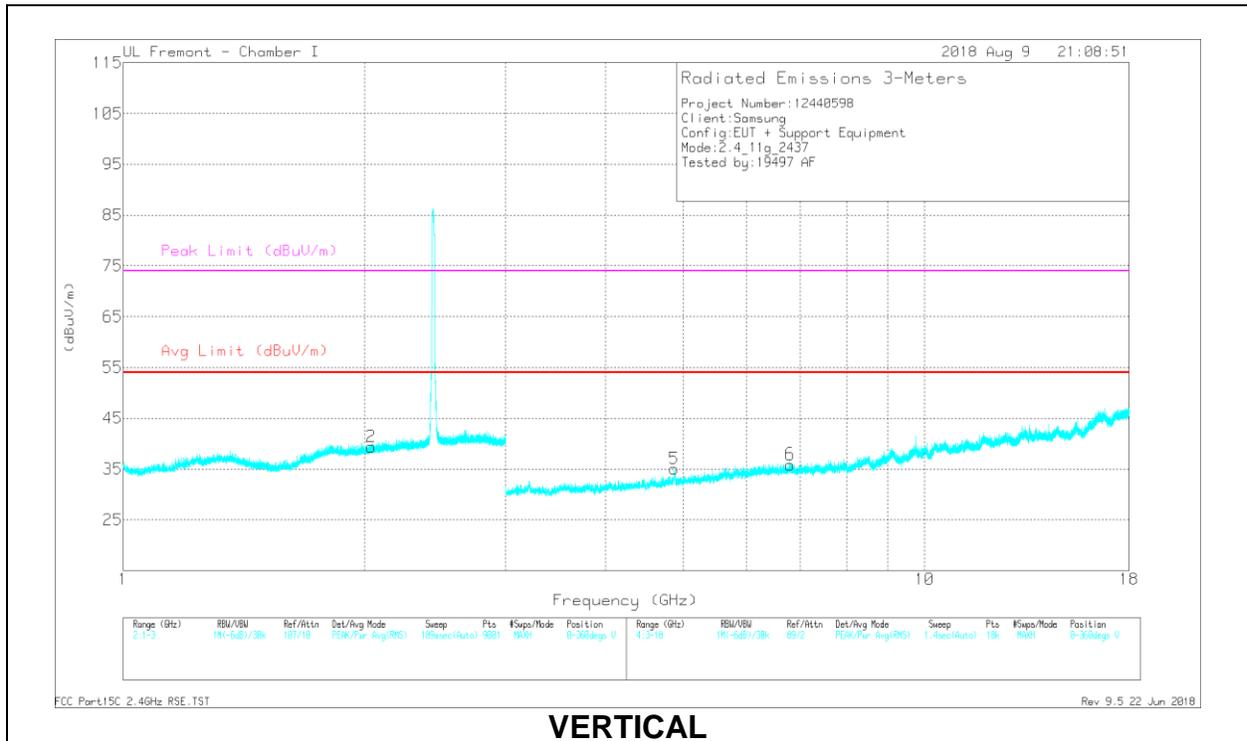
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

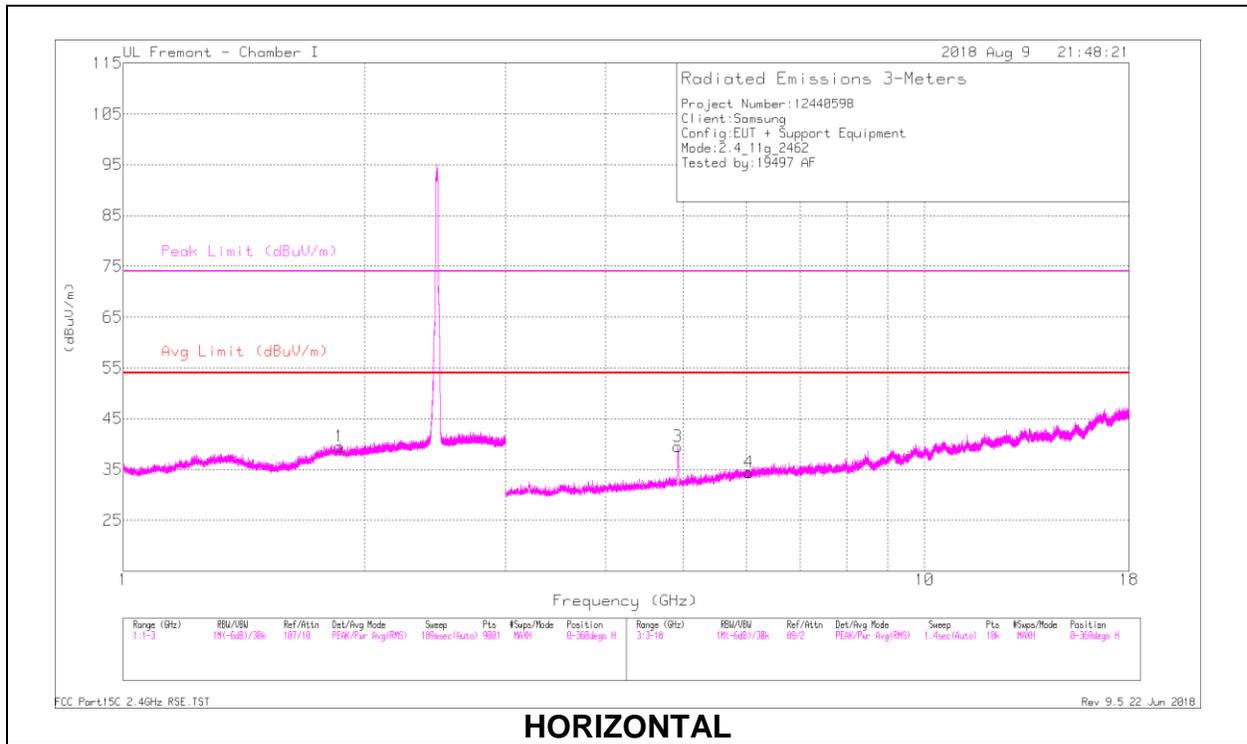
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.985	37.6	PK2	30.8	-22.6	0	45.8	-	-	-	-	112	358	H
2.037	38.75	PK2	31.1	-22.6	0	47.25	-	-	-	-	328	254	V
* 4.873	39.76	PK2	34.1	-28.6	0	45.26	-	-	74	-28.74	32	334	H
* 4.875	28.76	MAv1	34.2	-28.6	.22	34.58	54	-19.42	-	-	32	334	H
6.718	34.37	PK2	35.6	-26.9	0	43.07	-	-	-	-	332	242	H
* 4.872	36.47	PK2	34.1	-28.6	0	41.97	-	-	74	-32.03	344	111	V
* 4.875	27.5	MAv1	34.2	-28.6	.22	33.32	54	-20.68	-	-	344	111	V
6.801	33.13	PK2	35.6	-26	0	42.73	-	-	-	-	294	394	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

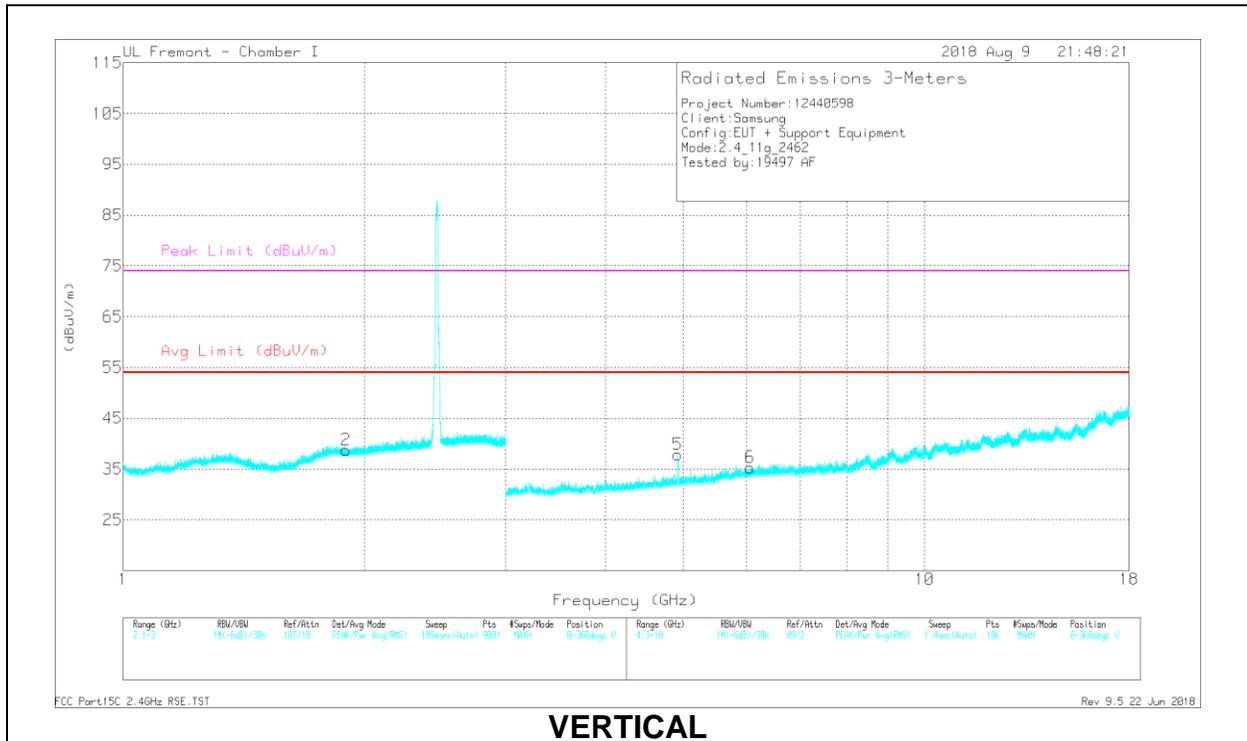
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 11 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
1.861	38.35	PK2	30.7	-22.3	0	46.75	-	-	-	-	331	119	H
1.897	38.32	PK2	30.5	-22.4	0	46.42	-	-	-	-	14	314	V
* 4.925	42.63	PK2	34.2	-29	0	47.83	-	-	74	-26.17	245	145	H
* 4.924	32.72	MAv1	34.2	-29	.22	38.14	54	-15.86	-	-	245	145	H
6.035	33.68	PK2	35.3	-26.9	0	42.08	-	-	-	-	306	225	H
* 4.921	41.62	PK2	34.1	-29	0	46.72	-	-	74	-27.28	346	102	V
* 4.924	31.44	MAv1	34.2	-29	.22	36.86	54	-17.14	-	-	346	102	V
6.055	33.86	PK2	35.4	-27	0	42.26	-	-	-	-	231	339	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

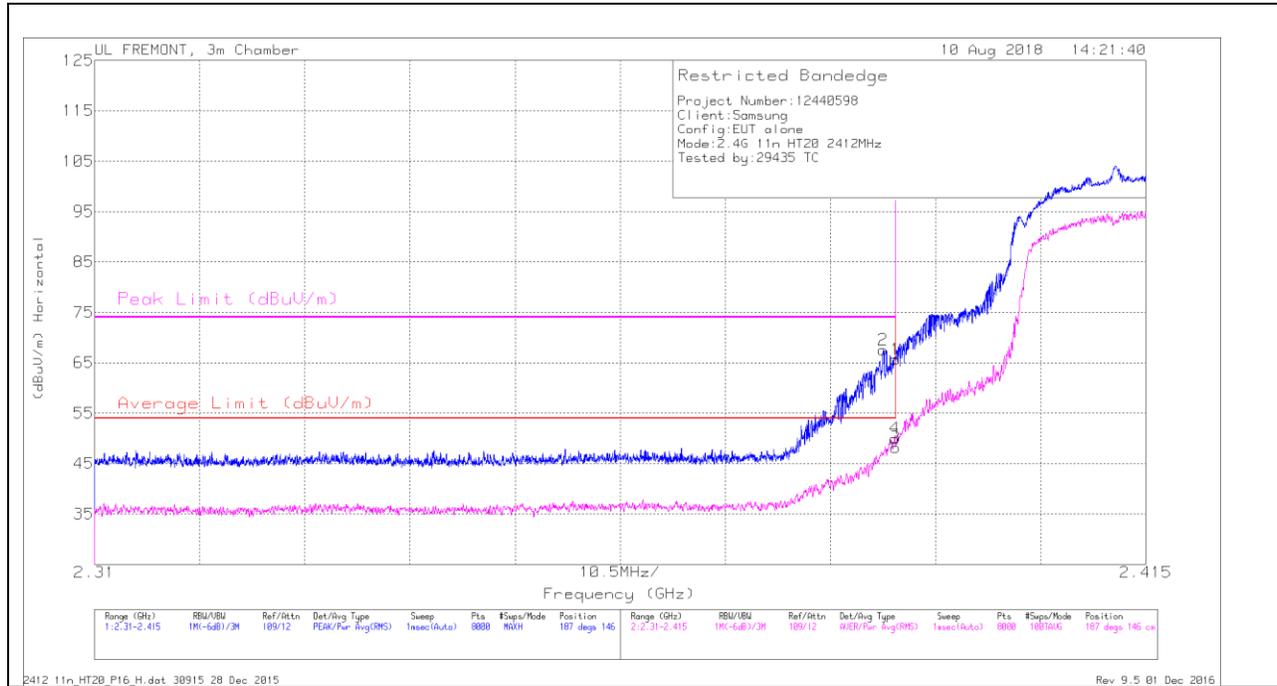
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

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

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

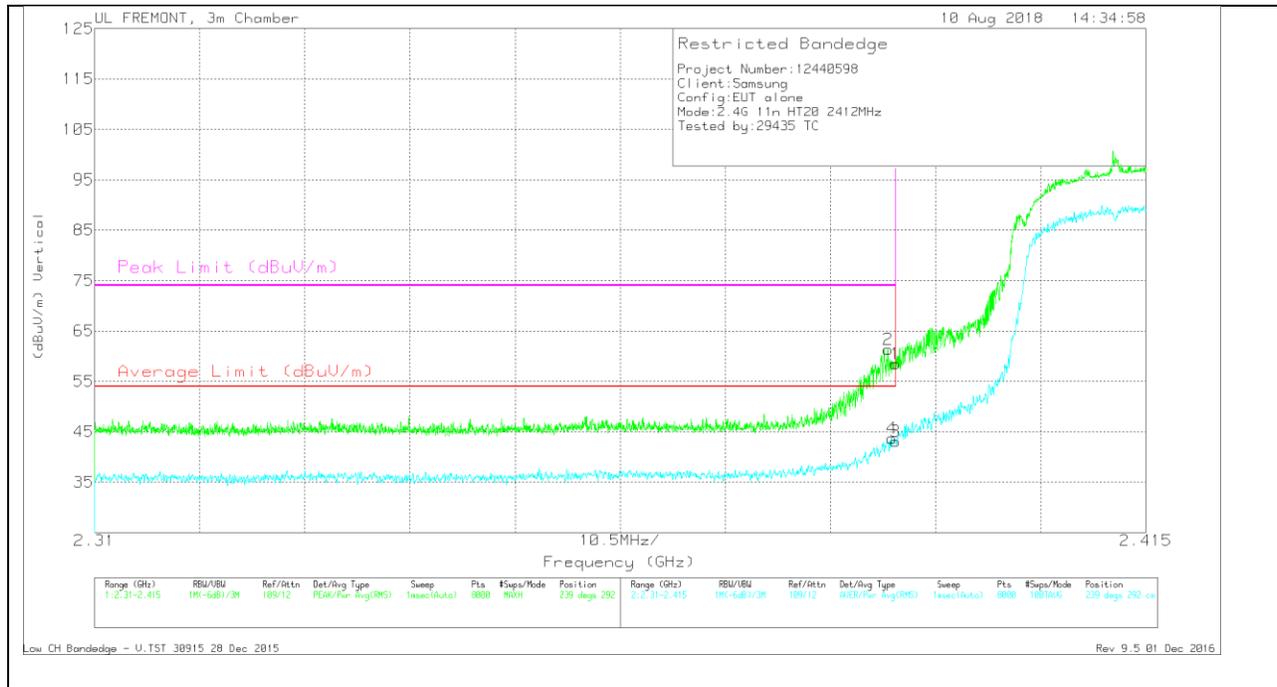
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/CbI/Pk/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
2	2.389	56.89	Pk	32	-21.3	0	67.59	-	-	74	-6.41	187	146	H
1	2.39	55.05	Pk	32	-21.4	0	65.65	-	-	74	-8.35	187	146	H
3	2.39	37.6	RMS	32	-21.4	.24	48.44	54	-5.56	-	-	187	146	H
4	2.39	39.38	RMS	32	-21.4	.24	50.22	54	-3.78	-	-	187	146	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

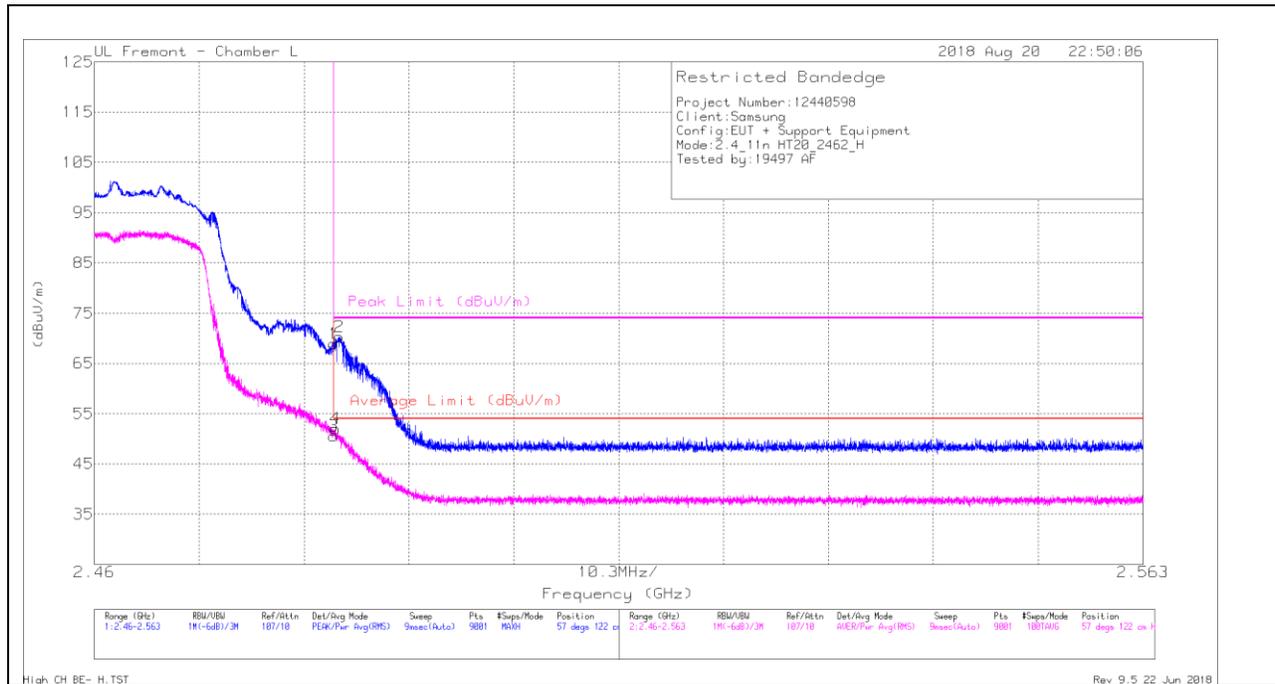


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
2	2.389	50.76	Pk	32	-21.4	0	61.36	-	-	74	-12.64	239	292	V
1	2.39	47.91	Pk	32	-21.4	0	58.51	-	-	74	-15.49	239	292	V
3	2.39	32.23	RMS	32	-21.4	.24	43.07	54	-10.93	-	-	239	292	V
4	2.39	32.91	RMS	32	-21.4	.24	43.75	54	-10.25	-	-	239	292	V

Pk - Peak detector  
 RMS - RMS detection

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

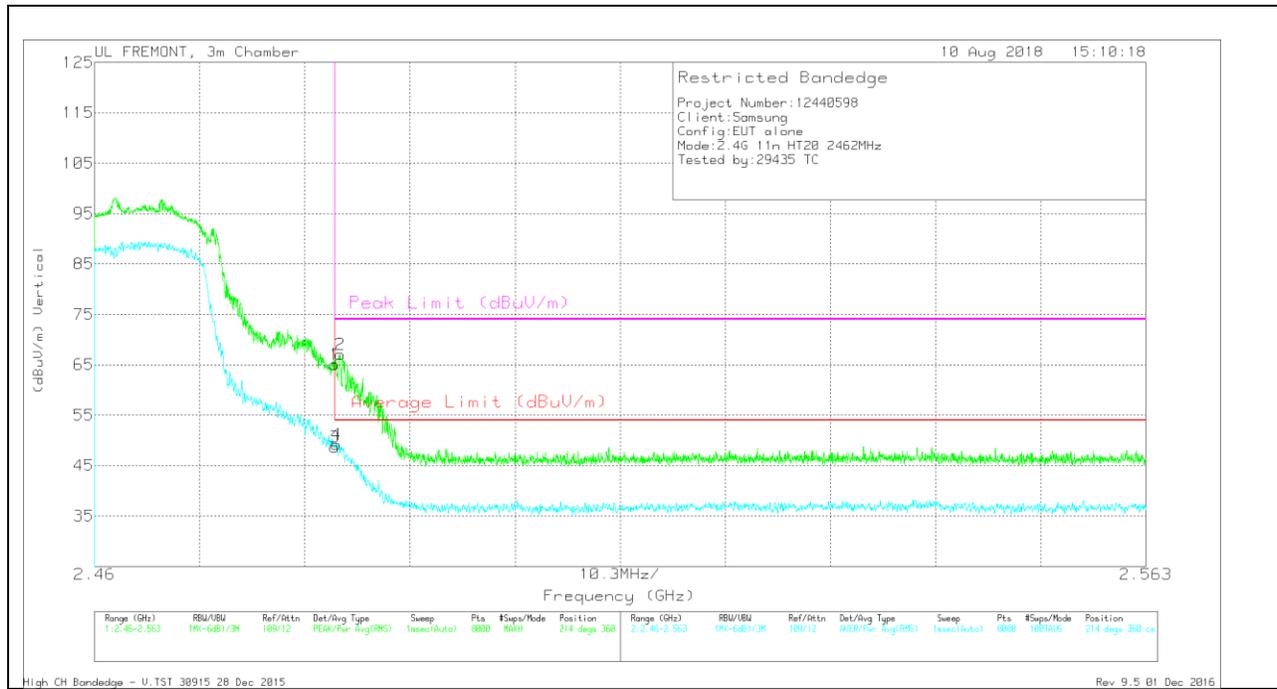
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Ch/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.484	59.33	Pk	32.3	-22.7	0	68.93	-	-	74	-5.07	57	122	H
2	* 2.484	60.73	Pk	32.3	-22.7	0	70.33	-	-	74	-3.67	57	122	H
3	* 2.484	40.67	RMS	32.3	-22.7	-.24	50.51	54	-3.49	-	-	57	122	H
4	* 2.484	42.15	RMS	32.3	-22.7	-.24	51.99	54	-2.01	-	-	57	122	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT

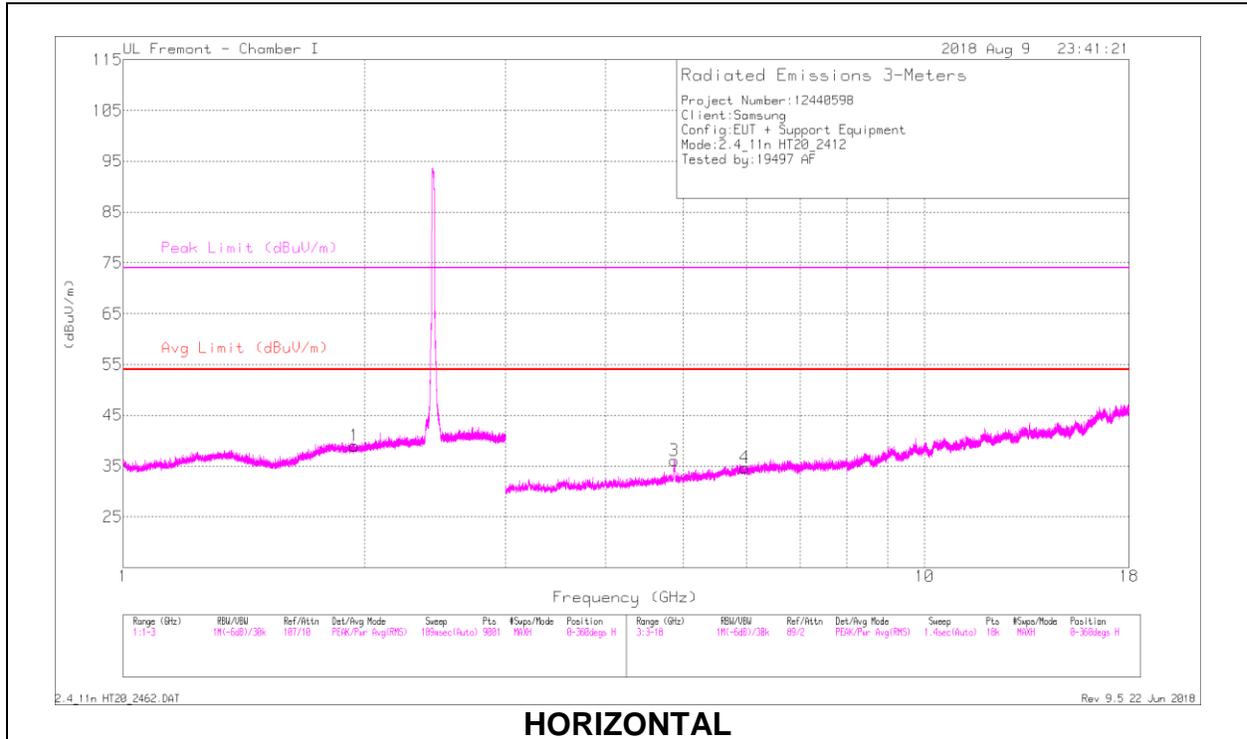


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Co/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.484	54.59	Pk	32.3	-21.8	0	65.09	-	-	74	-8.91	214	360	V
2	2.484	56.5	Pk	32.3	-21.8	0	67	-	-	74	-7	214	360	V
3	2.484	37.95	RMS	32.3	-21.8	.24	48.69	54	-5.31	-	-	214	360	V
4	2.484	38.45	RMS	32.3	-21.8	.24	49.19	54	-4.81	-	-	214	360	V

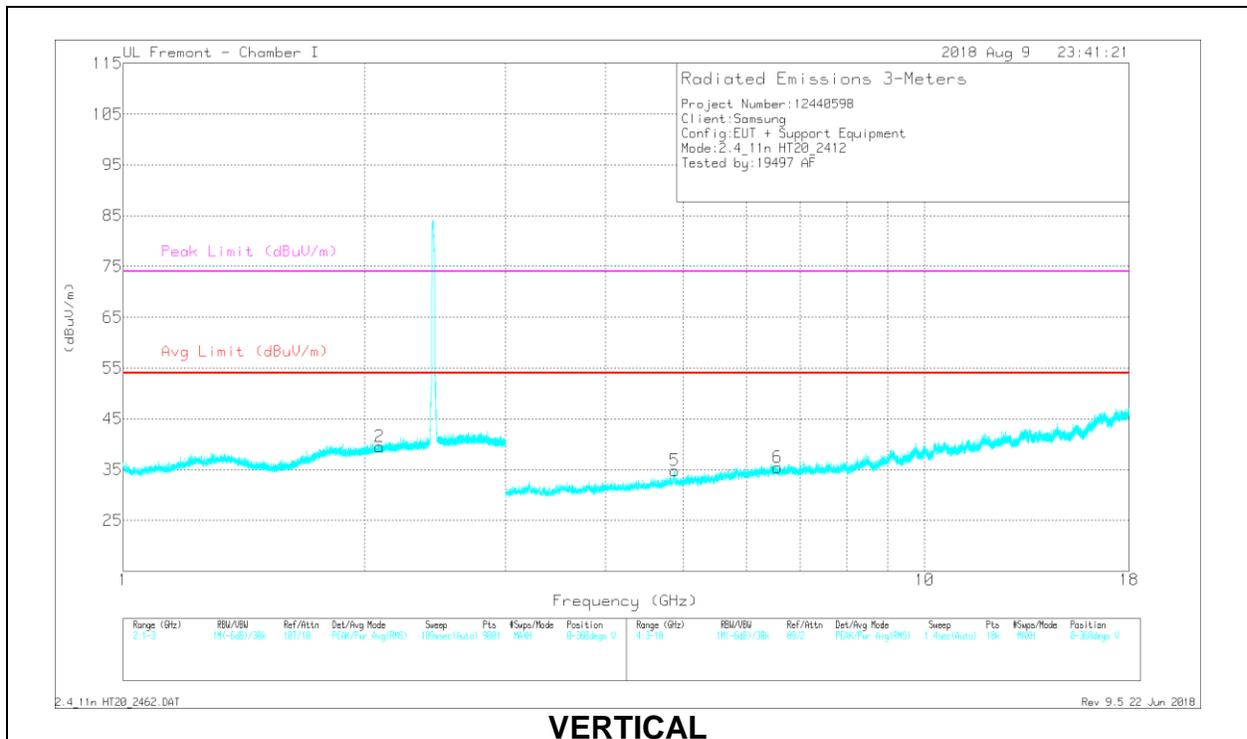
Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL, CH 1 RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

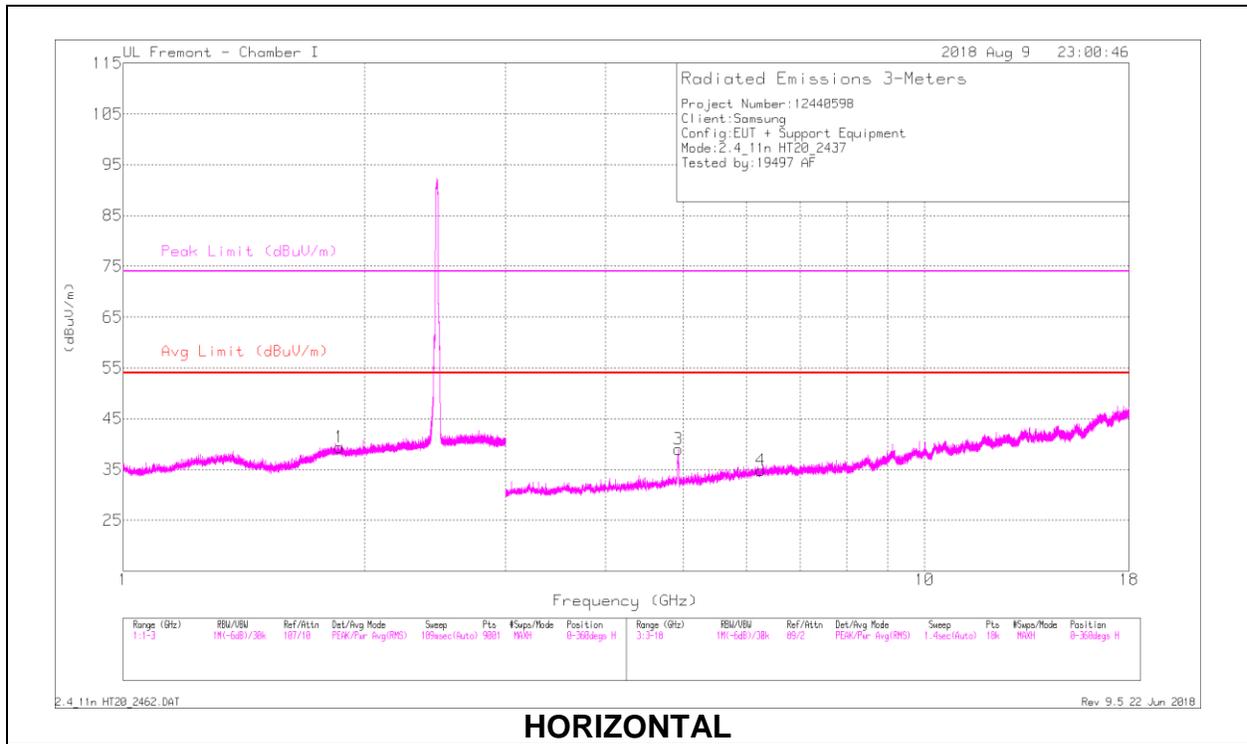
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.946	38.89	PK2	30.7	-22.6	0	46.99	-	-	-	-	163	383	H
2.089	38.88	PK2	31.2	-22.3	0	47.78	-	-	-	-	305	277	V
* 4.873	37.94	PK2	34.2	-28.6	0	43.54	-	-	74	-30.46	349	118	H
* 4.875	28.47	MAv1	34.2	-28.6	.24	34.31	54	-19.69	-	-	349	118	H
5.963	33.98	PK2	35.3	-26.4	0	42.88	-	-	-	-	227	229	H
* 4.875	37.57	PK2	34.2	-28.7	0	43.07	-	-	74	-30.93	99	102	V
* 4.877	28.71	MAv1	34.2	-28.7	.24	34.45	54	-19.55	-	-	99	102	V
6.558	32.31	PK2	35.7	-25.9	0	42.11	-	-	-	-	221	183	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

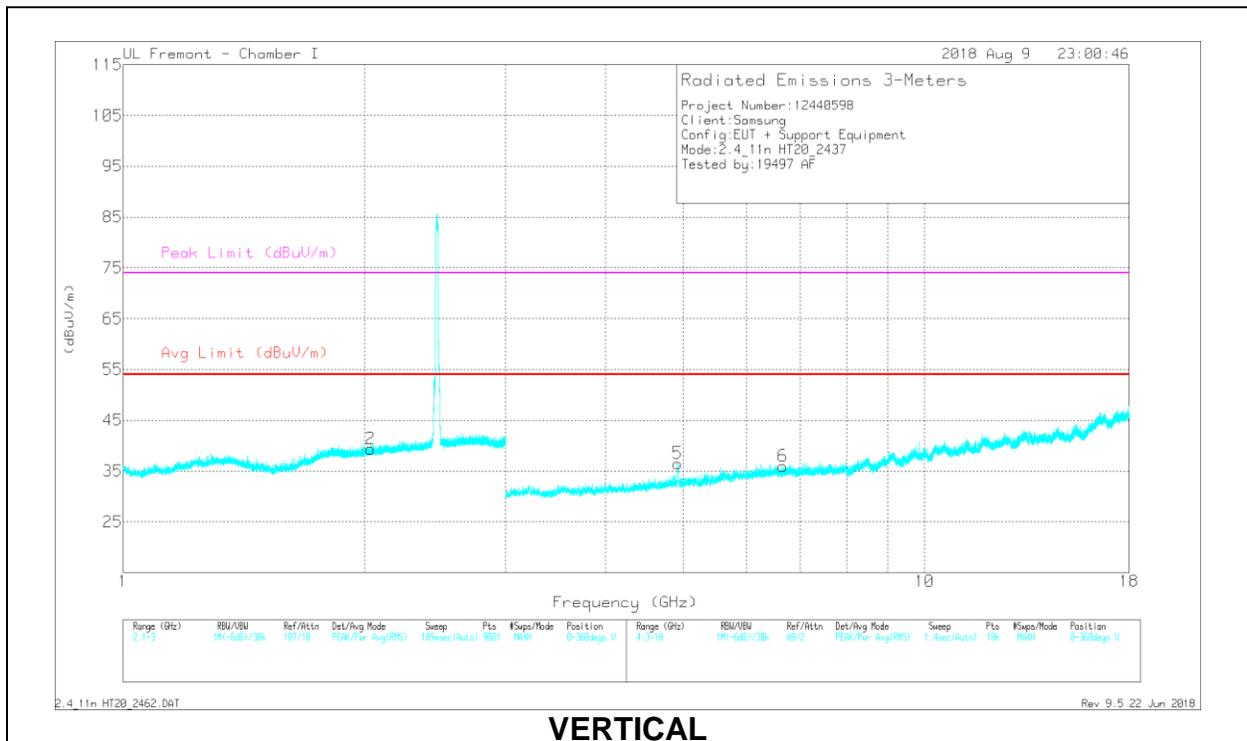
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### MID CHANNEL, CH 6 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

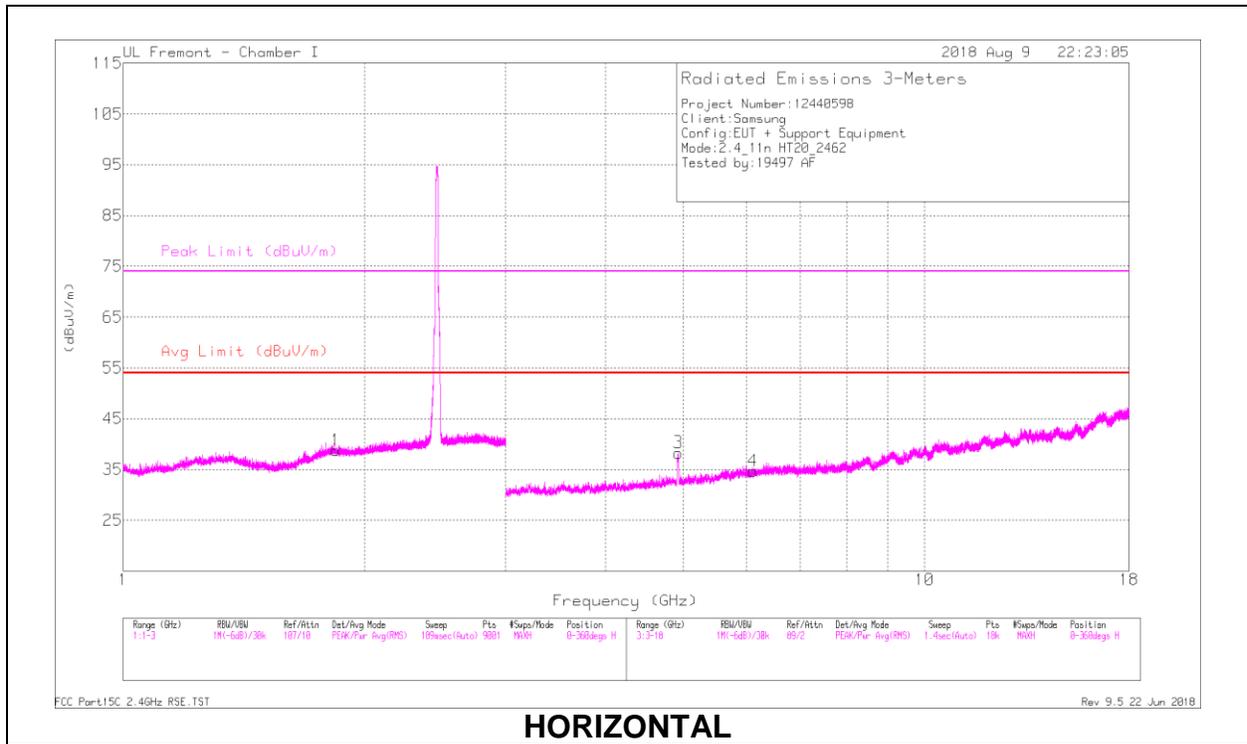
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.861	37.28	PK2	30.7	-22.3	0	45.68	-	-	-	-	152	368	H
2.035	37.86	PK2	31.1	-22.6	0	46.36	-	-	-	-	147	327	V
* 4.928	42.2	PK2	34.2	-29.1	0	47.3	-	-	74	-26.7	37	328	H
* 4.927	31.74	MAv1	34.2	-29.1	.24	37.08	54	-16.92	-	-	37	328	H
6.245	33.82	PK2	35.6	-26.6	0	42.82	-	-	-	-	308	237	H
* 4.921	40.17	PK2	34.1	-29	0	45.27	-	-	74	-28.73	343	122	V
* 4.922	29.61	MAv1	34.1	-29	.24	34.95	54	-19.05	-	-	343	122	V
6.656	32.62	PK2	35.7	-26.5	0	41.82	-	-	-	-	32	263	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

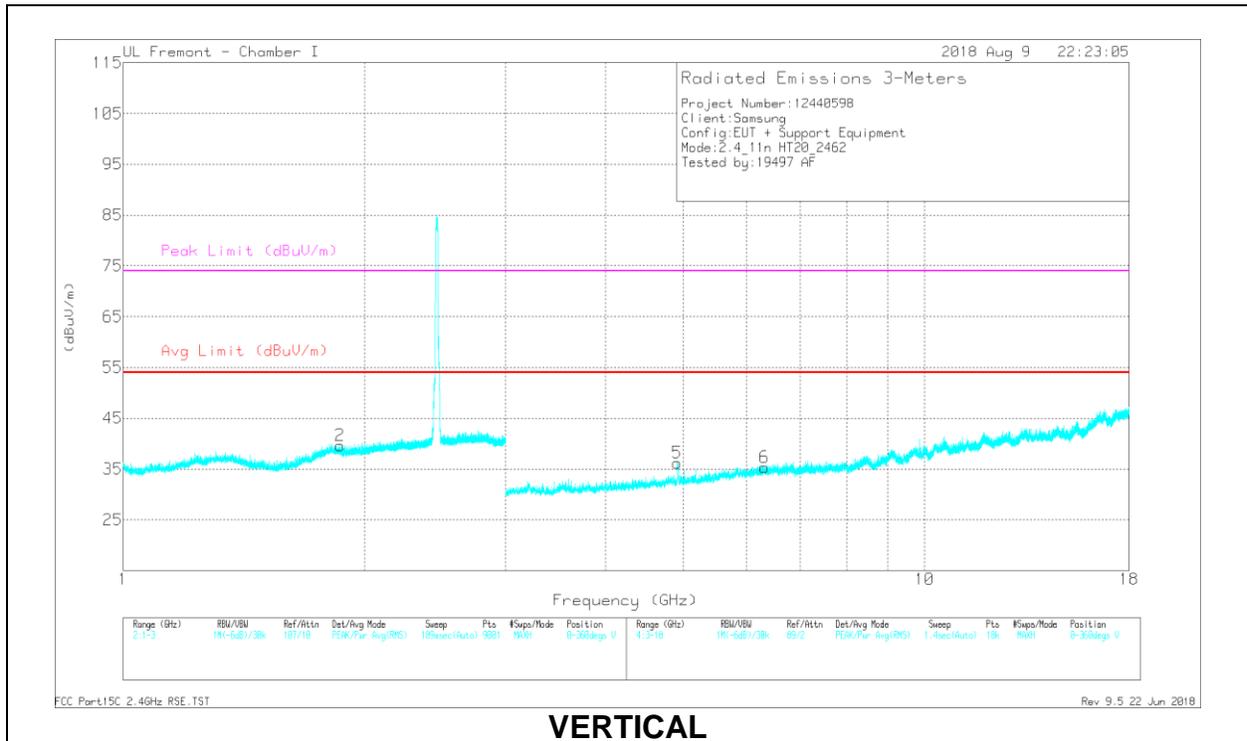
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### HIGH CHANNEL, CH 11 RESULTS



**HORIZONTAL**



**VERTICAL**

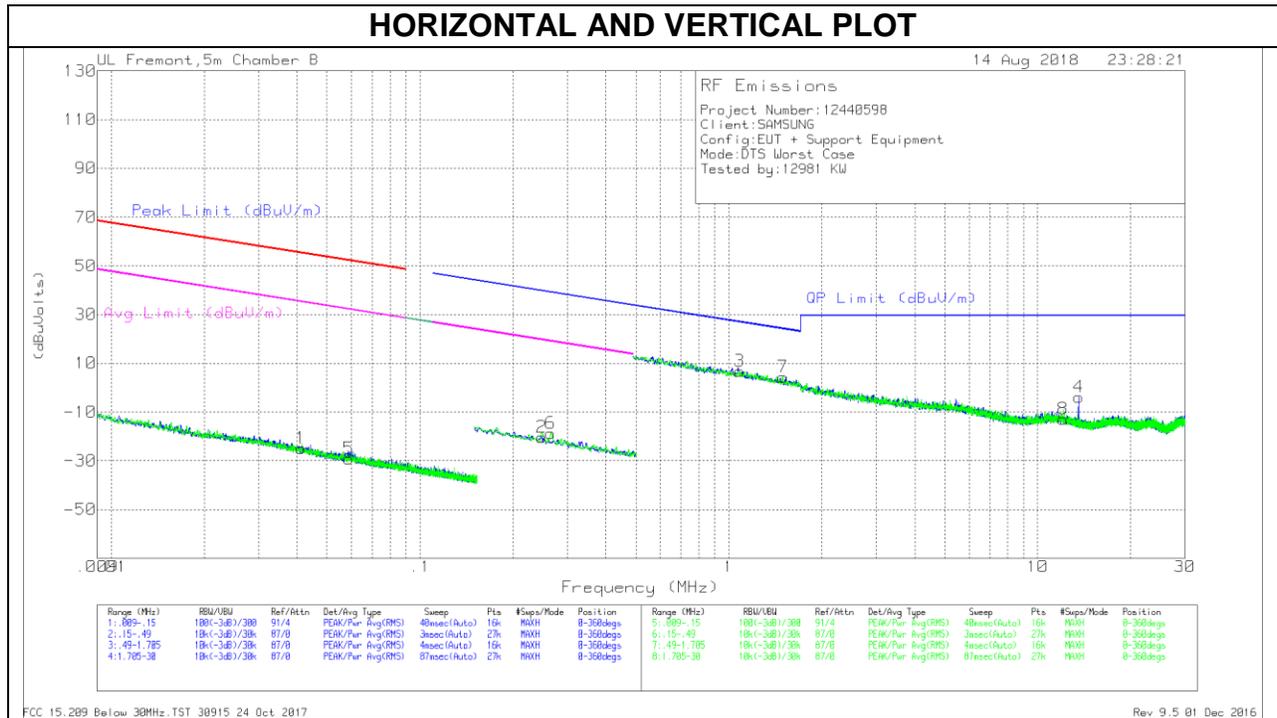
**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
1.843	38.63	PK2	30.6	-22.2	0	47.03	-	-	-	-	148	310	H
1.866	38.85	PK2	30.8	-22.3	0	47.35	-	-	-	-	223	182	V
* 4.926	42.27	PK2	34.2	-29.1	0	47.37	-	-	74	-26.63	278	107	H
* 4.926	31.4	MAv1	34.2	-29.1	.24	36.74	54	-17.26	-	-	278	107	H
6.115	34.23	PK2	35.4	-27.9	0	41.73	-	-	-	-	20	197	H
* 4.916	37.86	PK2	34.1	-28.9	0	43.06	-	-	74	-30.94	304	108	V
* 4.916	28.15	MAv1	34.1	-28.9	.24	33.59	54	-20.41	-	-	304	108	V
6.309	33.63	PK2	35.7	-26.3	0	43.03	-	-	-	-	275	191	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 MAv1 - KDB558074 Option 1 Maximum RMS Average

## 10.2. Worst Case Below 30 MHz

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



**NOTE: KDB 414788 OATS and Chamber Correlation Justification**

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

**Below 30 MHz Data**

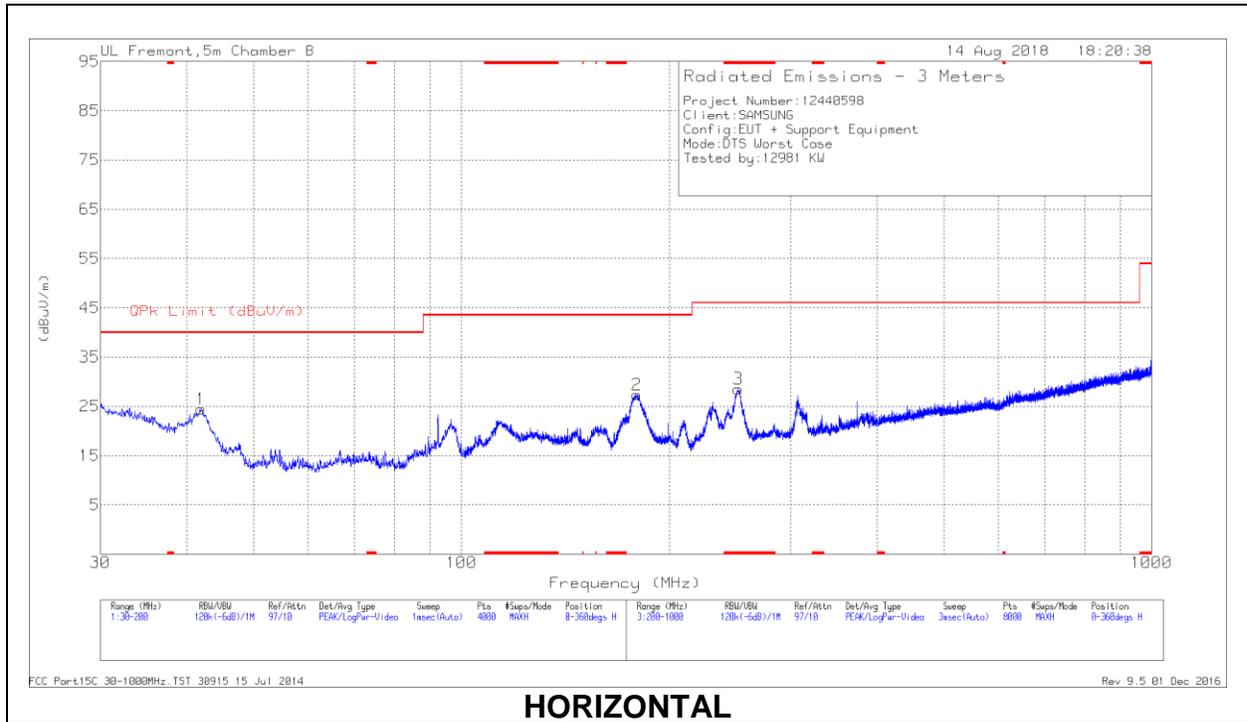
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.04117	38.84	Pk	14.8	1.4	-80	-24.96	55.29	-80.25	35.29	-60.25	0-360
5	.05874	35.09	Pk	14.5	1.4	-80	-29.01	52.21	-81.22	32.21	-61.22	0-360
2	.24753	44.23	Pk	13.9	1.5	-80	-20.37	39.74	-60.11	19.74	-40.11	0-360
6	.26497	45.96	Pk	13.8	1.5	-80	-18.74	39.15	-57.89	19.15	-37.89	0-360

Pk - Peak detector

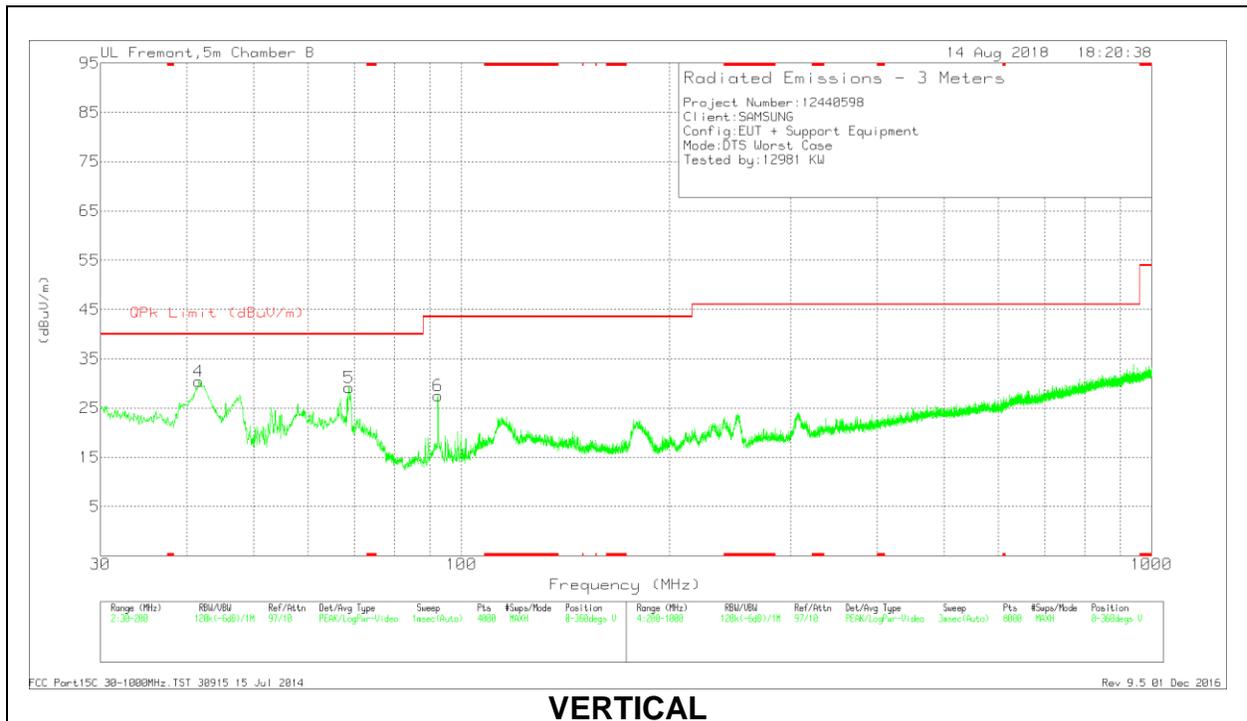
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	1.08432	31.01	Pk	14.3	1.5	-40	6.81	26.92	-20.11	0-360
7	1.4973	28.62	Pk	14.3	1.5	-40	4.42	24.13	-19.71	0-360
8	12.10535	10.72	Pk	14.7	1.6	-40	-12.98	29.5	-42.48	0-360
4	13.55998	19.99	Pk	14.5	1.6	-40	-3.91	29.5	-33.41	0-360

Pk - Peak detector

### 10.3. Worst Case Below 1 GHz



**HORIZONTAL**



**VERTICAL**

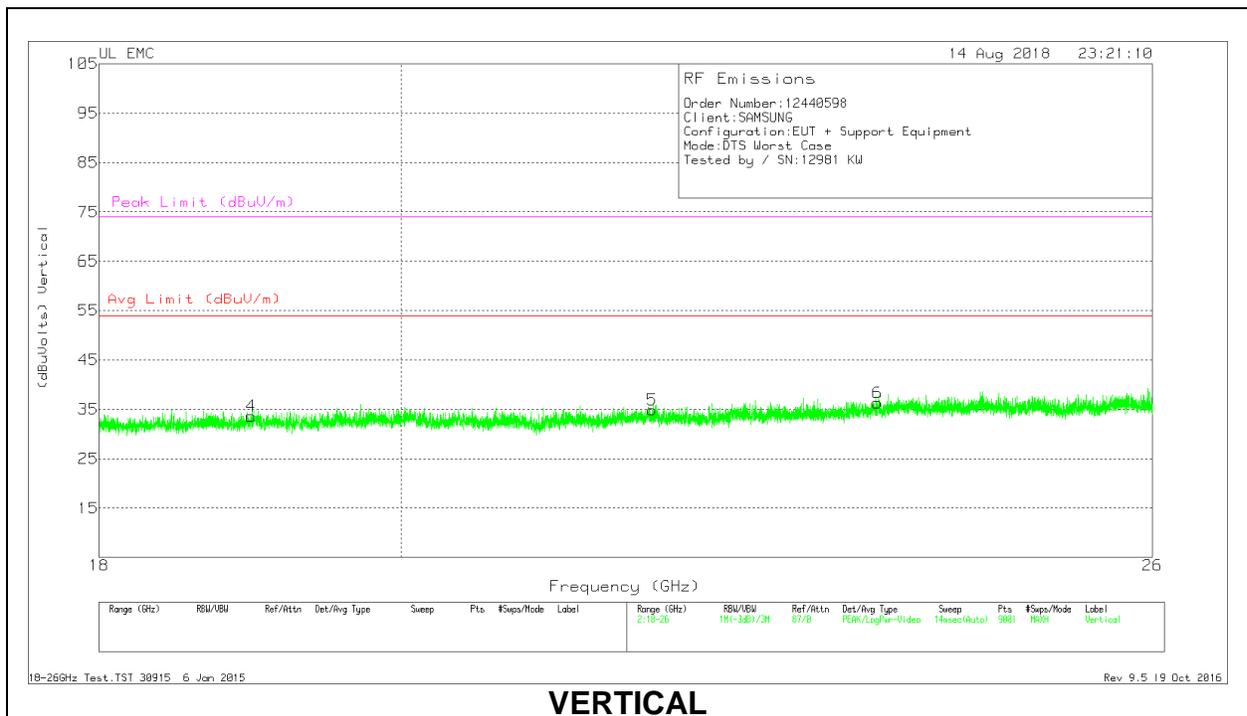
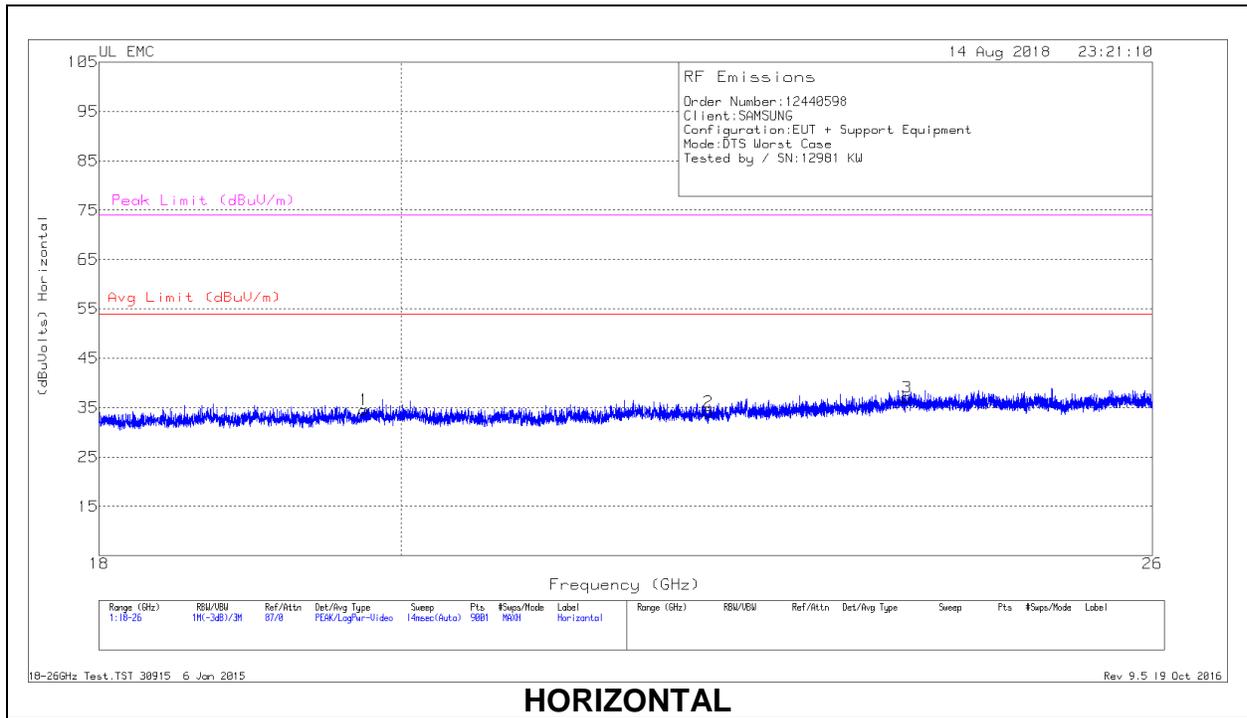
**Below 1GHz DATA**

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
3	* 251.7067	39.38	Pk	15.5	-26.3	28.58	46.02	-17.44	0-360	100	H
4	41.648	42.39	Pk	16.7	-28.7	30.39	40	-9.61	0-360	100	V
1	41.9456	36.56	Pk	16.5	-28.6	24.46	40	-15.54	0-360	300	H
5	68.7275	45.29	Pk	12.2	-28.3	29.19	40	-10.81	0-360	100	V
6	92.4487	43.28	Pk	12.2	-28	27.48	43.52	-16.04	0-360	100	V
2	179.575	39.14	Pk	15.3	-27.1	27.34	43.52	-16.18	0-360	200	H

\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

### 10.4. Worst Case 18-26 GHz



**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)	PK Margin (dB)
1	19.745	36.47	Pk	32.5	-24.9	-9.5	34.57	54	-19.43	74	-39.43
2	22.267	35.72	Pk	32.8	-24.9	-9.5	34.12	54	-19.88	74	-39.88
3	23.861	37.17	Pk	33.5	-24.1	-9.5	37.07	54	-16.93	74	-36.93
4	18.98	36.1	Pk	32.2	-25.2	-9.5	33.6	54	-20.4	74	-40.4
5	21.833	35.98	Pk	33.3	-24.9	-9.5	34.88	54	-19.12	74	-39.12
6	23.619	36.82	Pk	33.5	-24.5	-9.5	36.32	54	-17.68	74	-37.68

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

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

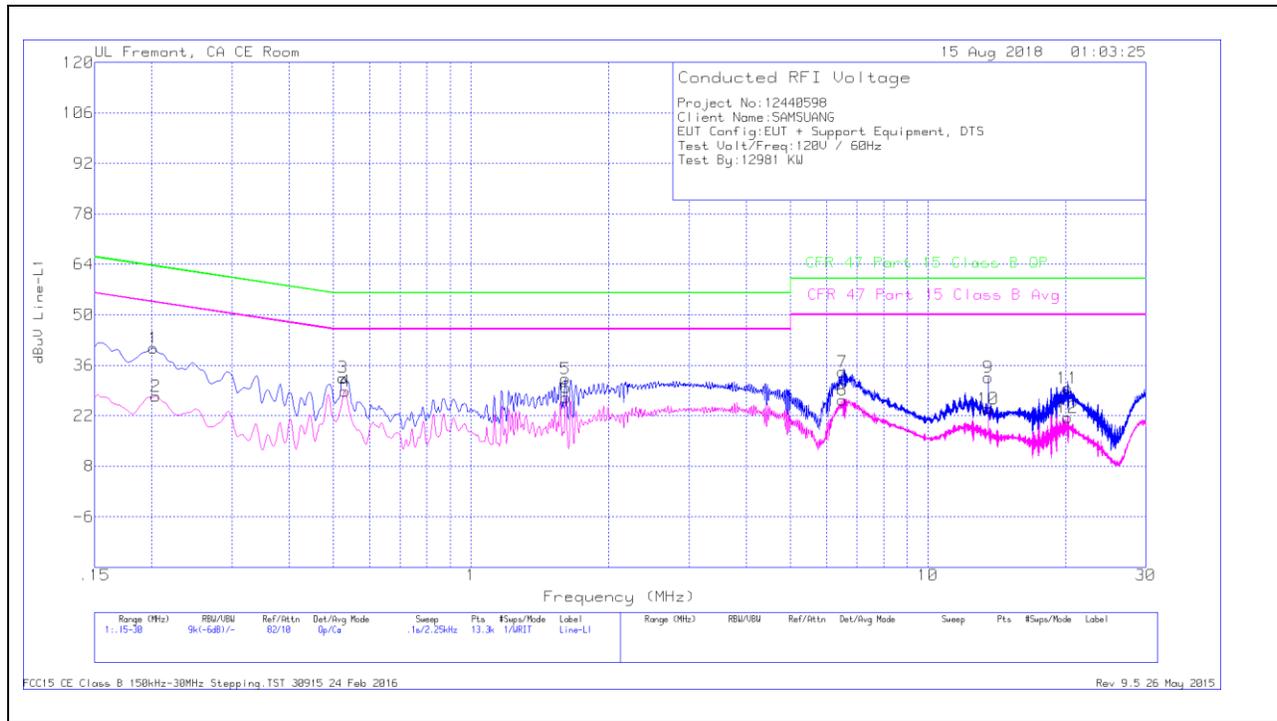
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

### LINE 1 RESULTS

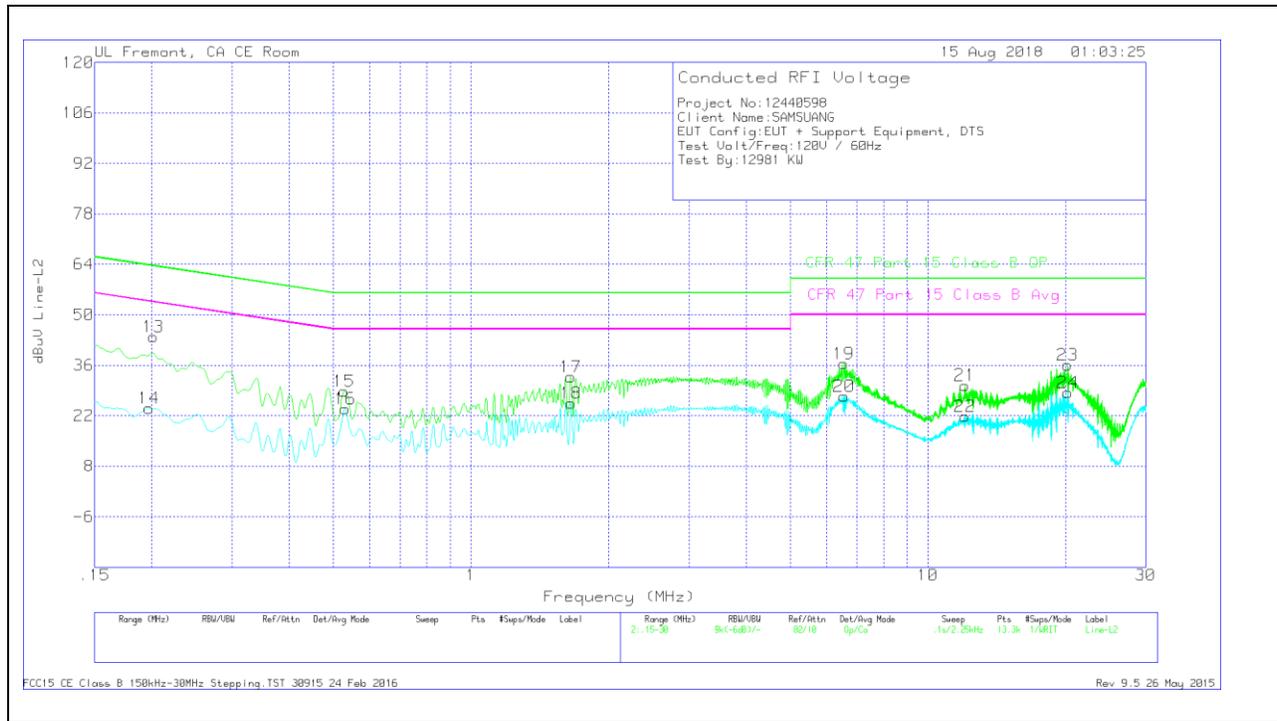


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.20175	30.74	Qp	0	0	10.1	40.84	63.54	-22.7	-	-
2	.204	17.27	Ca	0	0	10.1	27.37	-	-	53.45	-26.08
3	.5235	22.43	Qp	0	0	10.1	32.53	56	-23.47	-	-
4	.53025	18.69	Ca	0	0	10.1	28.79	-	-	46	-17.21
5	1.61025	22	Qp	0	.1	10.1	32.2	56	-23.8	-	-
6	1.6125	16.8	Ca	0	.1	10.1	27	-	-	46	-19
7	6.50175	23.75	Qp	0	.2	10.2	34.15	60	-25.85	-	-
8	6.5085	16	Ca	0	.2	10.2	26.4	-	-	50	-23.6
9	13.56	22.11	Qp	.1	.2	10.2	32.61	60	-27.39	-	-
10	13.56	13.49	Ca	.1	.2	10.2	23.99	-	-	50	-26.01
11	20.20875	18.94	Qp	.1	.3	10.3	29.64	60	-30.36	-	-
12	20.20875	10.78	Ca	.1	.3	10.3	21.48	-	-	50	-28.52

Qp - Quasi-Peak detector

Ca - CISPR average detection

### LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.20175	39.34	Qp	0	0	10.1	49.44	63.54	-14.1	-	-
14	.19725	13.98	Ca	0	0	10.1	24.08	-	-	53.73	-29.65
15	.528	18.65	Qp	0	0	10.1	28.75	56	-27.25	-	-
16	.53025	13.88	Ca	0	0	10.1	23.98	-	-	46	-22.02
17	1.653	22.63	Qp	0	.1	10.1	32.83	56	-23.17	-	-
18	1.65525	15.29	Ca	0	.1	10.1	25.49	-	-	46	-20.51
19	6.53775	26.08	Qp	0	.2	10.2	36.48	60	-23.52	-	-
20	6.5535	17.06	Ca	0	.2	10.2	27.46	-	-	50	-22.54
21	12.0525	19.94	Qp	.1	.2	10.2	30.44	60	-29.56	-	-
22	12.0435	11.35	Ca	.1	.2	10.2	21.85	-	-	50	-28.15
23	20.24925	25.44	Qp	.1	.3	10.3	36.14	60	-23.86	-	-
24	20.25375	17.81	Ca	.1	.3	10.3	28.51	-	-	50	-21.49

Qp - Quasi-Peak detector

Ca - CISPR average detection