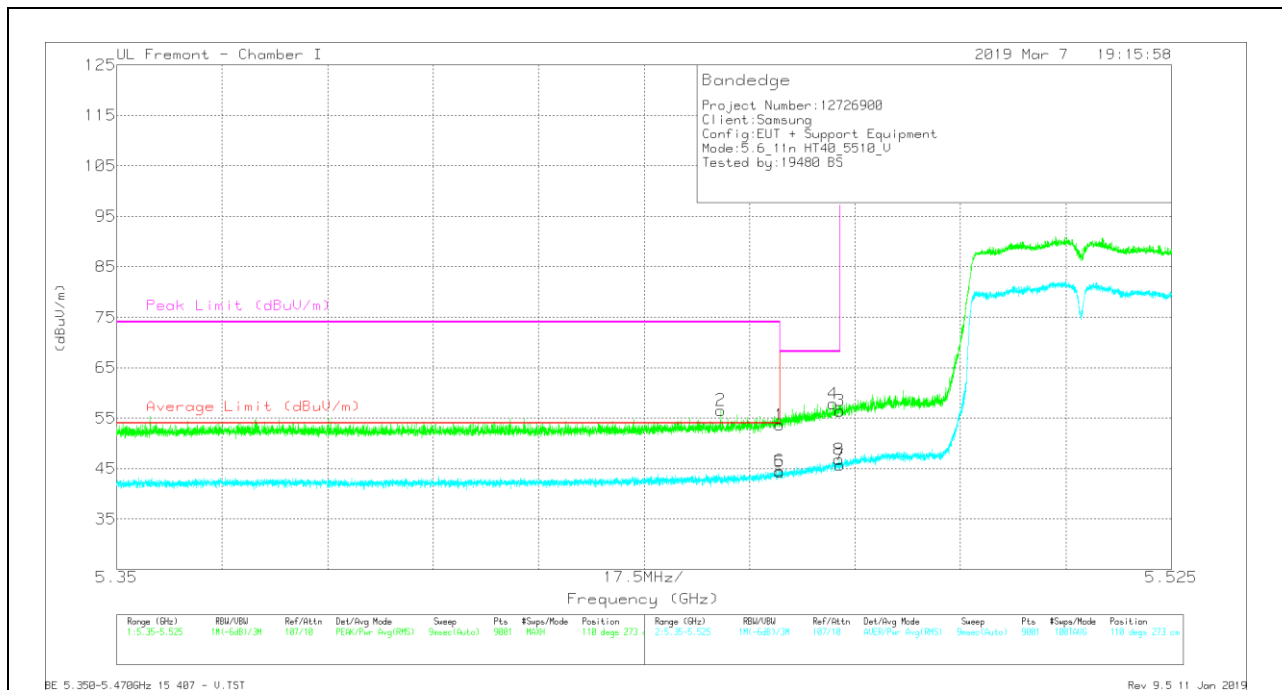


### VERTICAL RESULT



### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.9	Pk	34.6	-17.9	0	53.6	-	-	74	-20.4	110	273	V
2	* 5.45	39.96	Pk	34.5	-17.9	0	56.56	-	-	74	-17.44	110	273	V
3	5.47	39.74	Pk	34.6	-17.9	0	56.44	-	-	68.2	-11.76	110	273	V
4	5.469	41.28	Pk	34.6	-18	0	57.88	-	-	68.2	-10.32	110	273	V
5	* 5.46	27.48	RMS	34.6	-17.9	.19	44.37	54	-9.63	-	-	110	273	V
6	* 5.46	27.7	RMS	34.6	-17.9	.19	44.59	54	-9.41	-	-	110	273	V
7	5.47	28.85	RMS	34.6	-17.9	.19	45.74	-	-	-	-	110	273	V
8	5.47	30.04	RMS	34.6	-18	.19	46.83	-	-	-	-	110	273	V

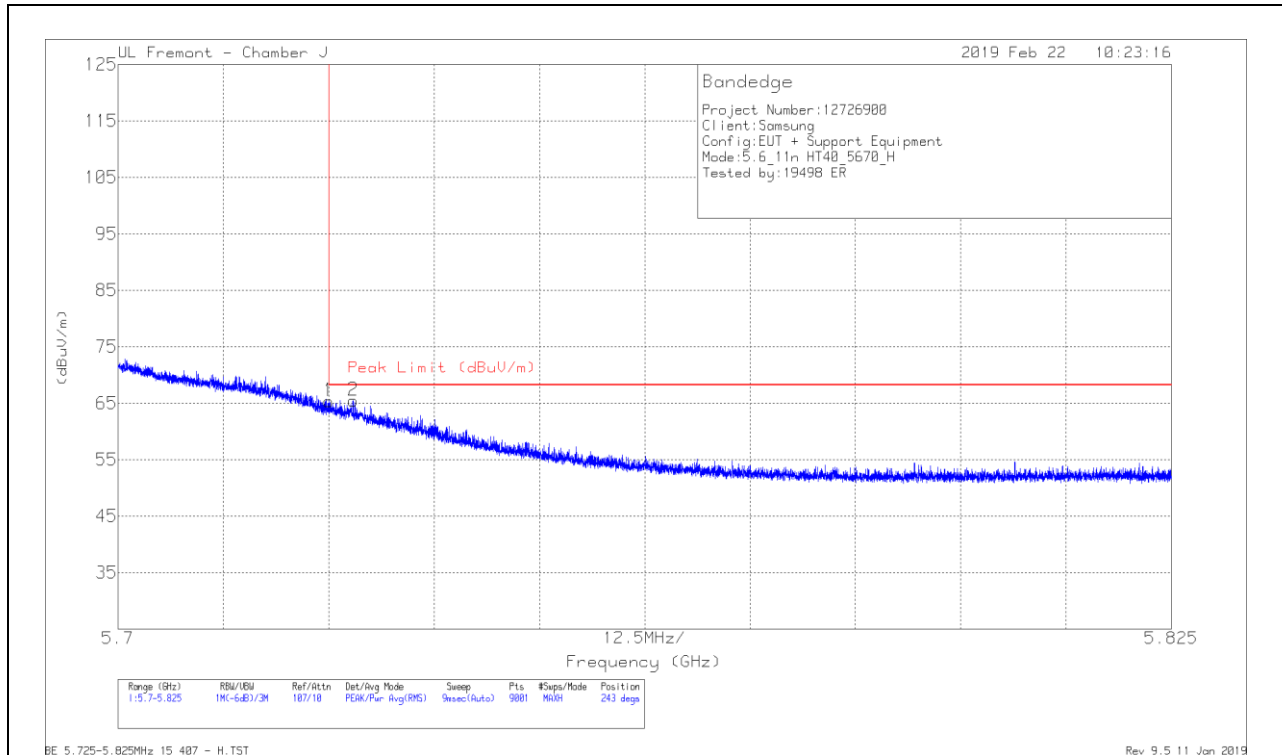
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

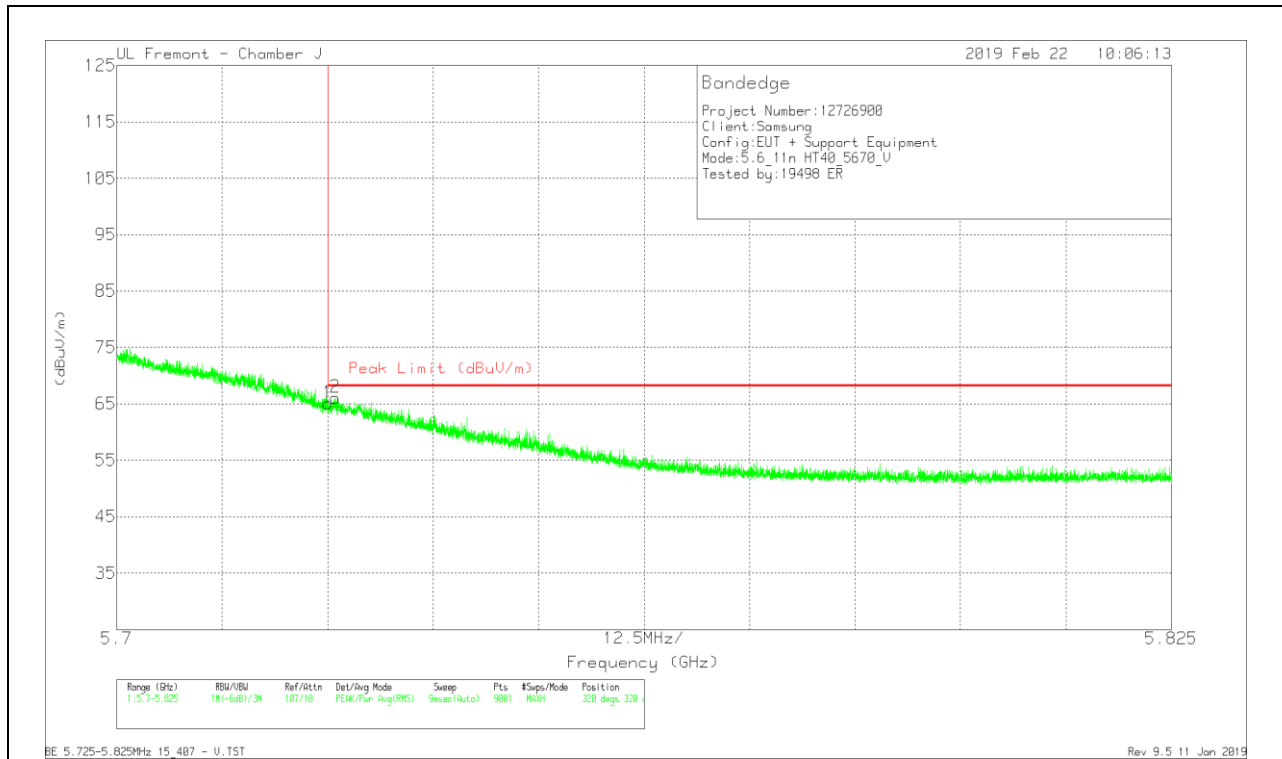
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	51.47	Pk	34.7	-20.8	65.37	68.2	-2.83	243	305	H
2	5.728	51.58	Pk	34.7	-20.8	65.48	68.2	-2.72	243	305	H

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

### VERTICAL RESULT

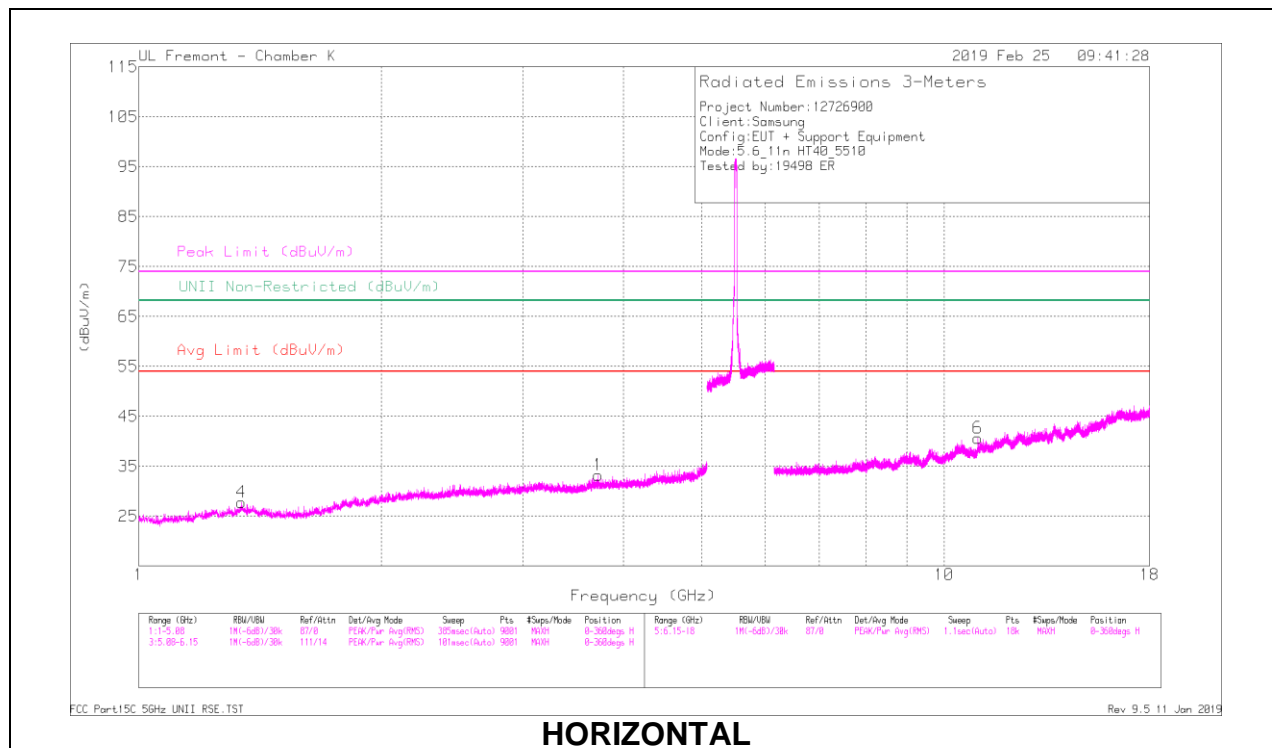


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	51.15	Pk	34.7	-20.8	65.05	68.2	-3.15	320	320	V
2	5.726	52.18	Pk	34.7	-20.8	66.08	68.2	-2.12	320	320	V

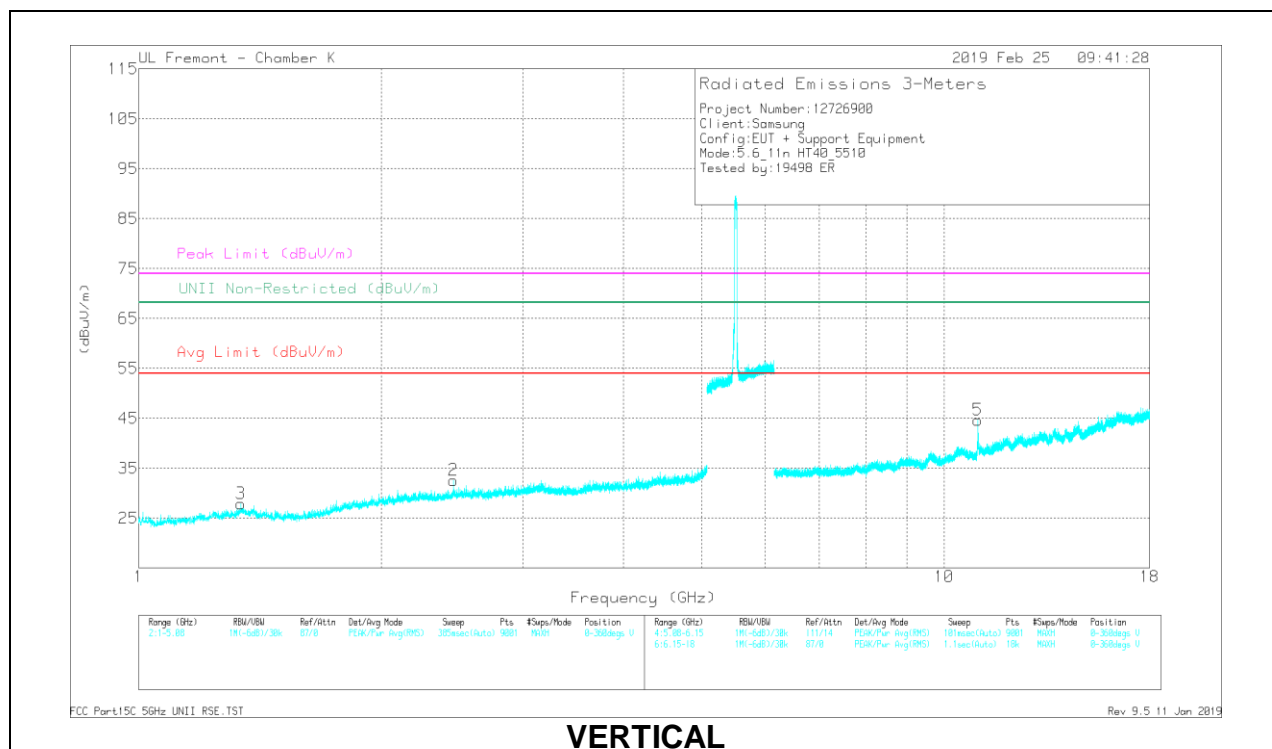
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



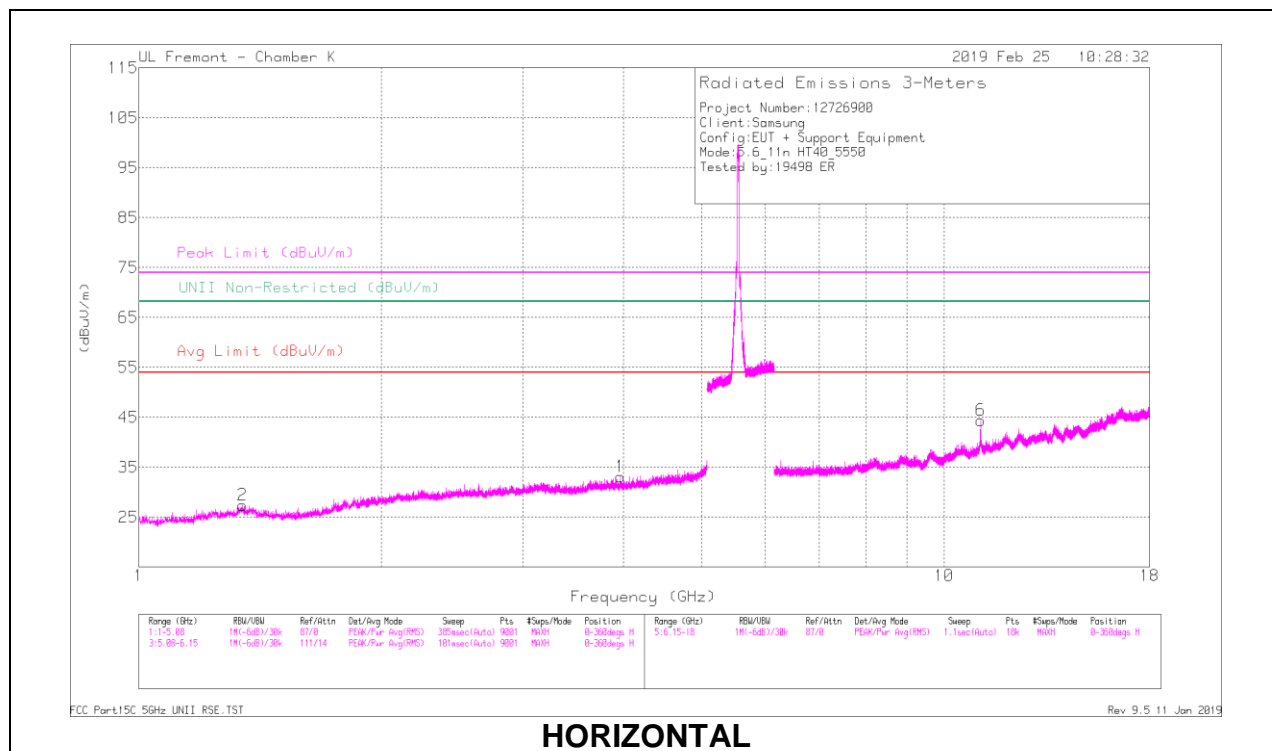
**VERTICAL**

**RADIATED EMISSIONS**

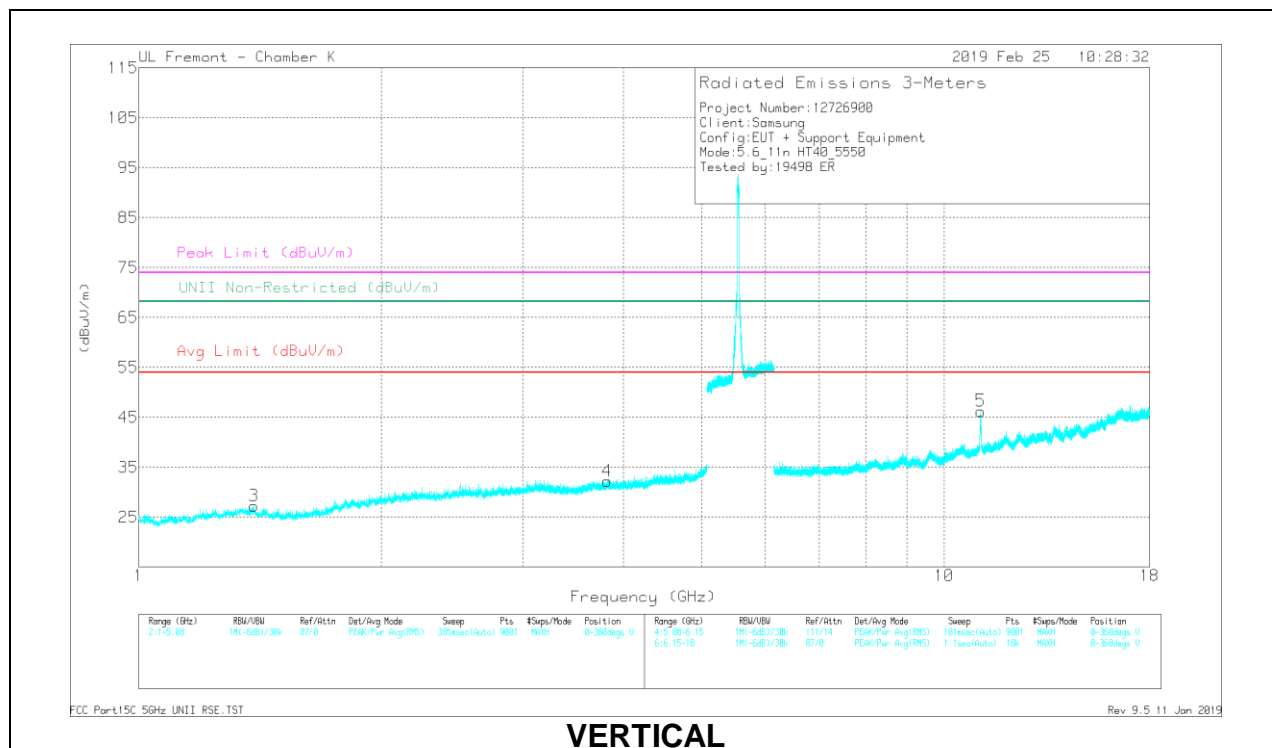
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	AmpCoef/FilterPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.721	36.49	PK-U	33.2	-32	0	37.69	-	-	74	-36.31	-	-	242	128	H
* 3.718	28.3	ADR	33.2	-32	.19	29.69	54	-24.31	-	-	-	-	242	128	H
* 1.341	40.96	PK-U	29.3	-35.3	0	34.96	-	-	74	-39.04	-	-	15	147	H
* 1.341	30.37	ADR	29.3	-35.3	.19	24.56	54	-29.44	-	-	-	-	15	147	H
* 1.339	38.79	PK-U	29.3	-35.3	0	32.79	-	-	74	-41.21	-	-	192	158	V
* 1.339	30.8	ADR	29.3	-35.3	.19	24.99	54	-29.01	-	-	-	-	192	158	V
2.458	40.94	PK-U	32.2	-34.9	0	38.24	-	-	-	-	68.2	-29.96	35	132	V
* 11.02	31.55	PK-U	37.9	-22	0	47.45	-	-	74	-26.55	-	-	0	113	H
* 11.02	24.11	ADR	37.9	-22	.19	43.2	54	-13.8	-	-	-	-	0	113	H
* 11.02	35.17	PK-U	37.9	-22	0	51.07	-	-	74	-22.93	-	-	208	102	V
* 11.02	28.03	ADR	37.9	-22	.19	44.12	54	-9.88	-	-	-	-	208	102	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



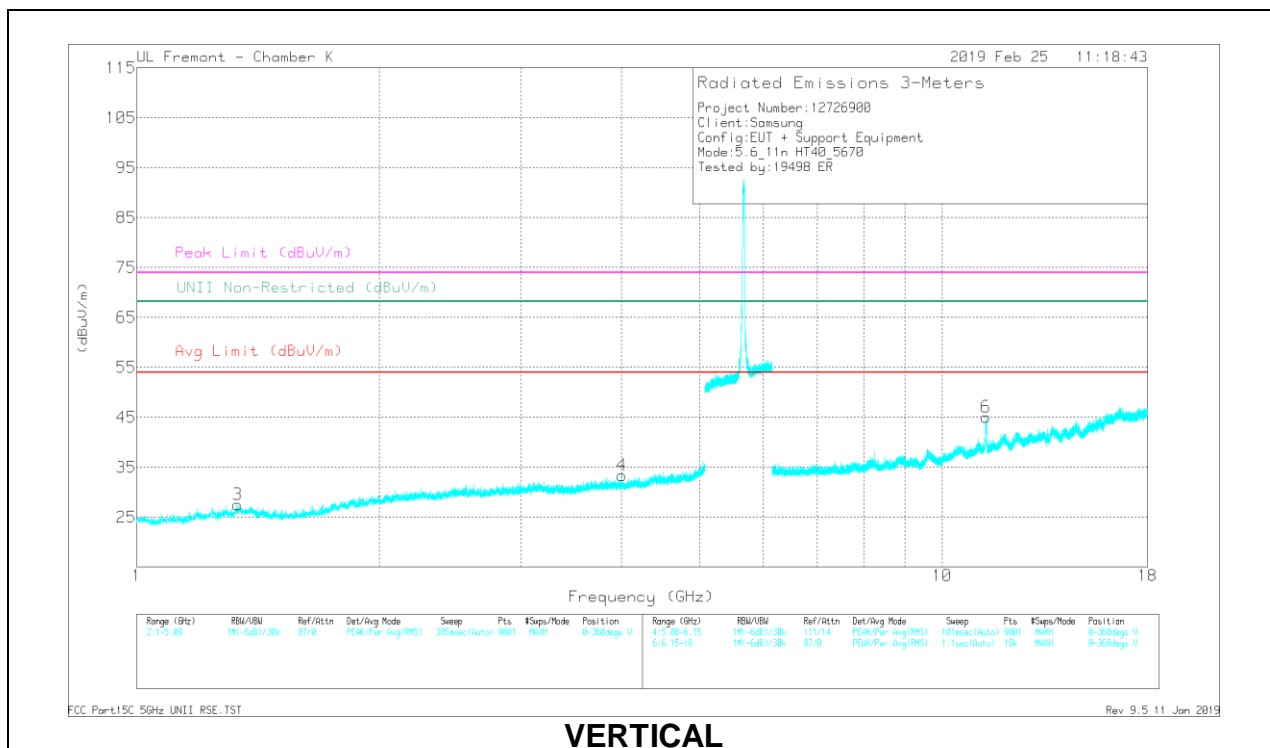
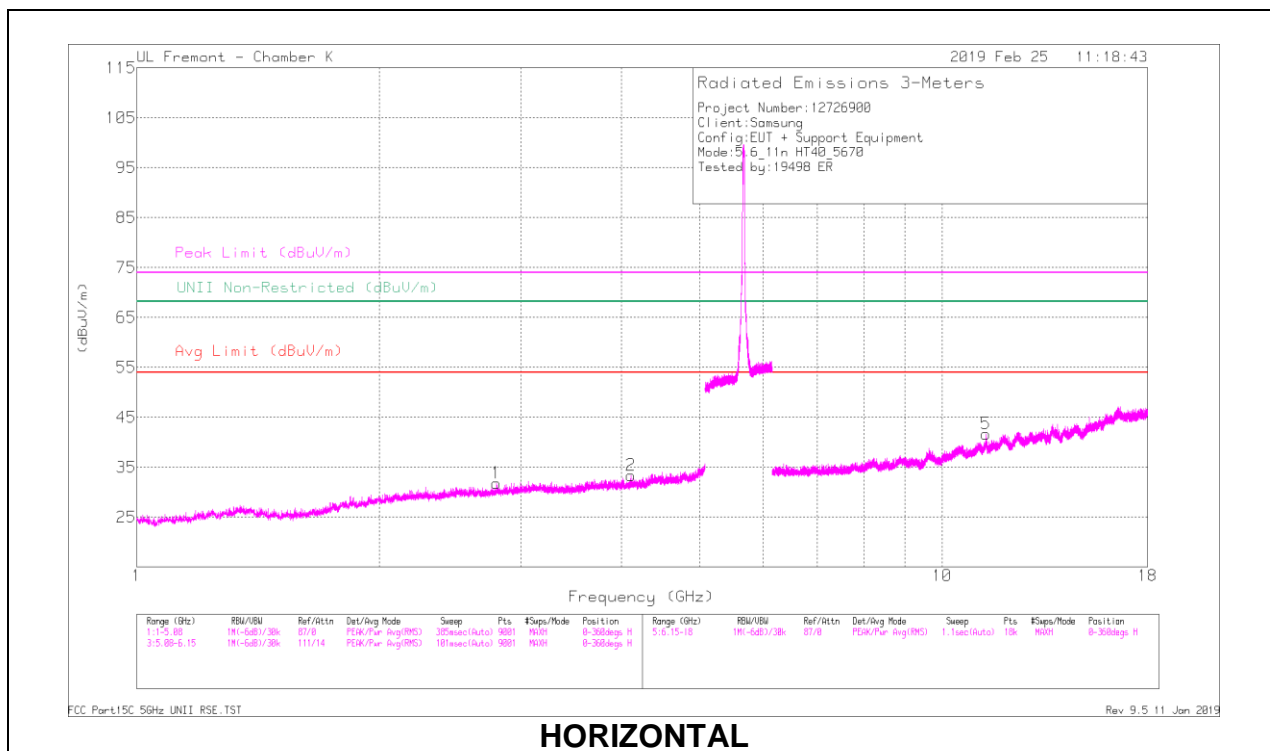
**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.961	37.68	PK-U	33.4	-31.3	0	39.78	-	-	74	-34.22	-	-	242	161	H
* 3.961	28.02	ADR	33.4	-31.4	.19	30.21	54	-23.79	-	-	-	-	242	161	H
* 1.346	40.38	PK-U	29.4	-35.2	0	34.58	-	-	74	-39.42	-	-	279	128	H
* 1.346	30.01	ADR	29.4	-35.2	.19	24.4	54	-29.6	-	-	-	-	279	128	H
* 1.39	38.3	PK-U	29	-35.2	0	32.1	-	-	74	-41.9	-	-	108	163	V
* 1.391	30.72	ADR	29	-35.2	.19	24.71	54	-29.29	-	-	-	-	108	163	V
* 3.812	36.48	PK-U	33.4	-31.8	0	38.08	-	-	74	-35.92	-	-	344	143	V
* 3.816	28.2	ADR	33.4	-31.7	.19	30.09	54	-23.81	-	-	-	-	344	143	V
* 11.1	34.37	PK-U	37.9	-21.6	0	50.67	-	-	74	-23.33	-	-	279	107	H
* 11.1	25.14	ADR	37.9	-21.6	.19	41.63	54	-12.37	-	-	-	-	279	107	H
* 11.103	35.58	PK-U	37.9	-21.5	0	51.98	-	-	74	-22.02	-	-	207	106	V
* 11.1	28.41	ADR	37.9	-21.6	.19	44.9	54	-9.1	-	-	-	-	207	106	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



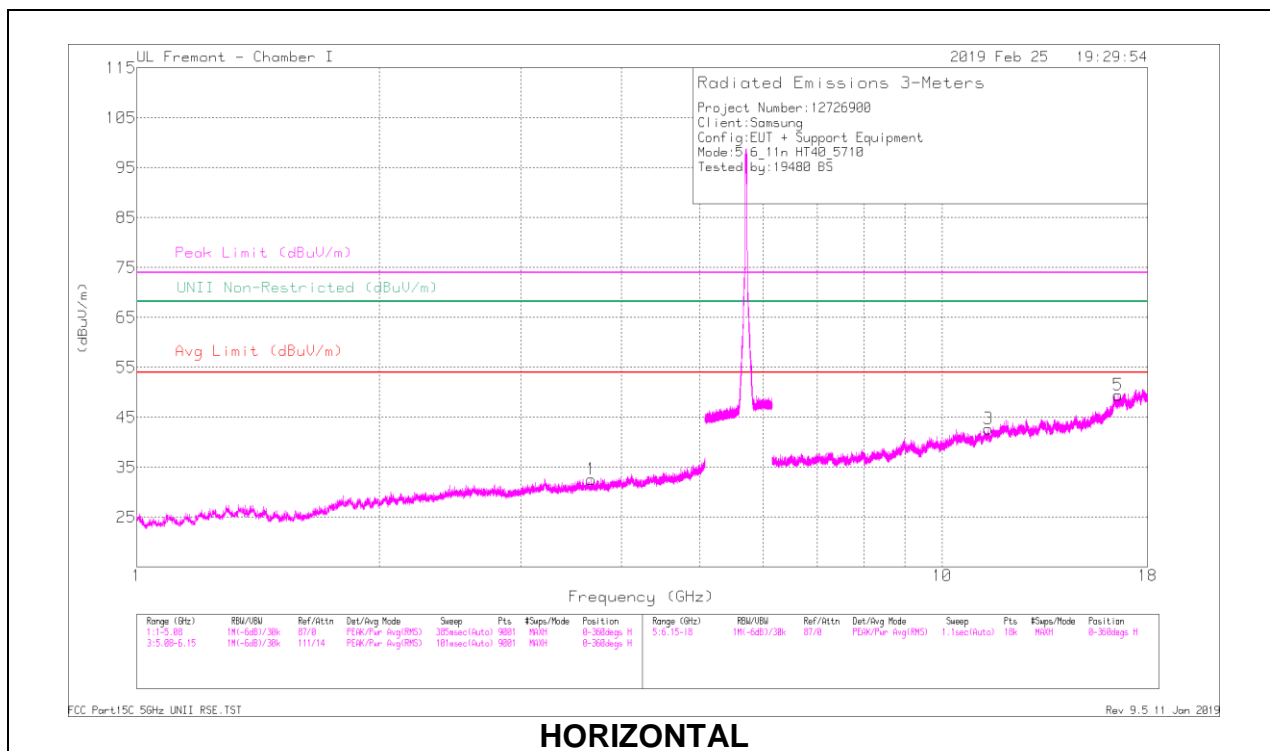


**RADIATED EMISSIONS**

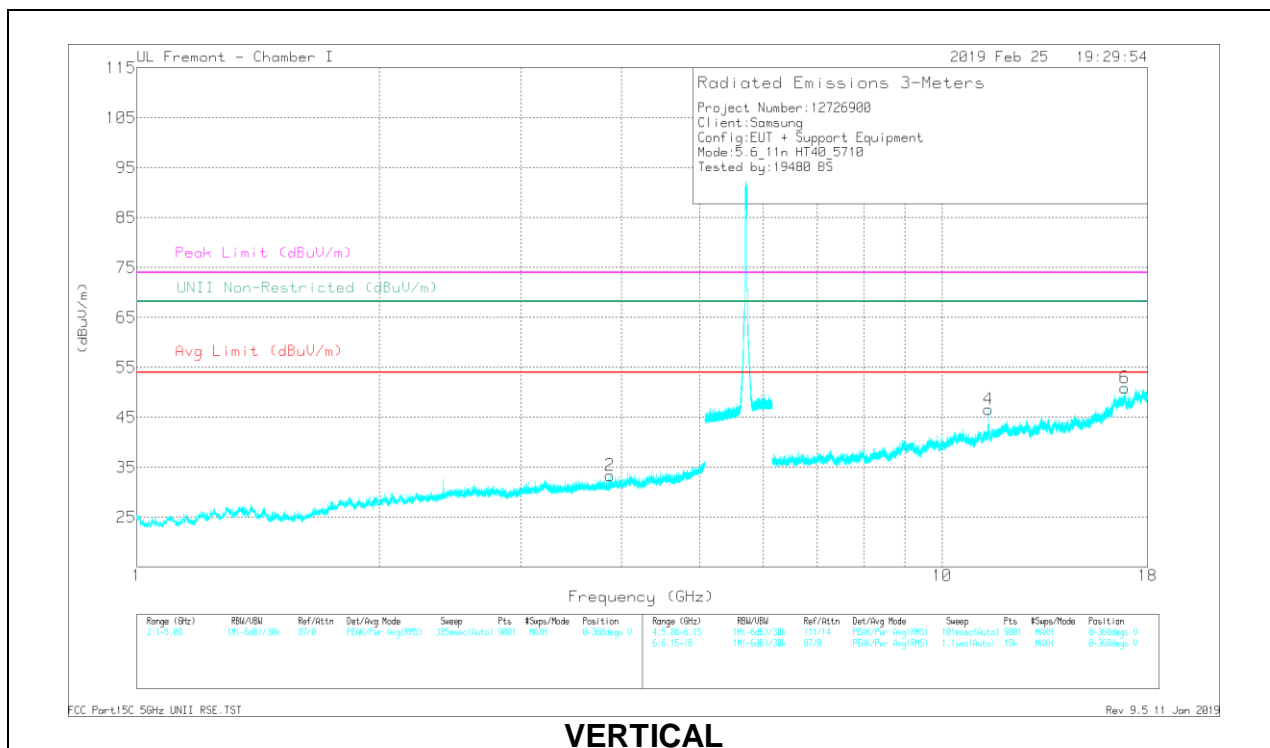
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T344 (dBm)	AmpCoEff/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.796	39.8	PK-U	32.4	-34.6	0	37.6	-	-	74	-36.4	-	-	76	131	H
* 2.797	31.65	ADR	32.4	-34.6	.19	29.64	54	-24.36	-	-	-	-	76	131	H
* 4.106	37.6	PK-U	33.5	-31.5	0	39.6	-	-	74	-34.4	-	-	318	178	H
* 4.107	27.31	ADR	33.5	-31.5	.19	29.5	54	-24.5	-	-	-	-	318	178	H
* 1.334	38.81	PK-U	29.2	-35.2	0	32.81	-	-	74	-41.19	-	-	77	174	V
* 1.334	30.78	ADR	29.2	-35.2	.19	24.97	54	-29.03	-	-	-	-	77	174	V
* 4.005	37.32	PK-U	33.4	-31.3	0	39.42	-	-	74	-34.58	-	-	225	150	V
* 4.004	27.39	ADR	33.4	-31.3	.19	29.68	54	-24.32	-	-	-	-	225	150	V
* 11.34	30.64	PK-U	38	-21.1	0	47.84	-	-	74	-26.16	-	-	243	111	H
* 11.34	22.86	ADR	38	-21.1	.19	39.95	54	-14.05	-	-	-	-	243	111	H
* 11.34	32.84	PK-U	38	-21.1	0	49.74	-	-	74	-24.26	-	-	202	107	V
* 11.34	26.57	ADR	38	-21.1	.19	43.66	54	-10.34	-	-	-	-	202	107	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### CHANNEL 142 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	AmpC20/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.666	35.66	PK-U	33	-29.5	0	39.16	-	-	74	-34.84	-	-	121	162	H
* 3.668	26.23	ADR	33	-29.5	.19	29.92	54	-24.08	-	-	-	-	121	162	H
* 3.872	35.77	PK-U	33	-29.1	0	39.67	-	-	74	-34.33	-	-	103	305	V
* 3.873	25.8	ADR	33	-29.1	.19	29.89	54	-24.11	-	-	-	-	103	305	V
* 11.42	30.87	PK-U	38.1	-16.2	0	52.77	-	-	74	-21.23	-	-	243	139	H
* 11.42	19.26	ADR	38.2	-16.2	.19	41.45	54	-12.55	-	-	-	-	243	139	H
16.534	26.44	PK-U	41.3	-12.1	0	55.64	-	-	-	-	68.2	-12.56	282	109	H
* 11.42	32.41	PK-U	38.1	-16.2	0	54.31	-	-	74	-19.69	-	-	142	106	V
* 11.42	23.7	ADR	38.2	-16.2	.19	45.89	54	-8.11	-	-	-	-	142	106	V
16.869	25.39	PK-U	41.3	-10.4	0	56.28	-	-	-	-	68.2	-11.92	43	112	V

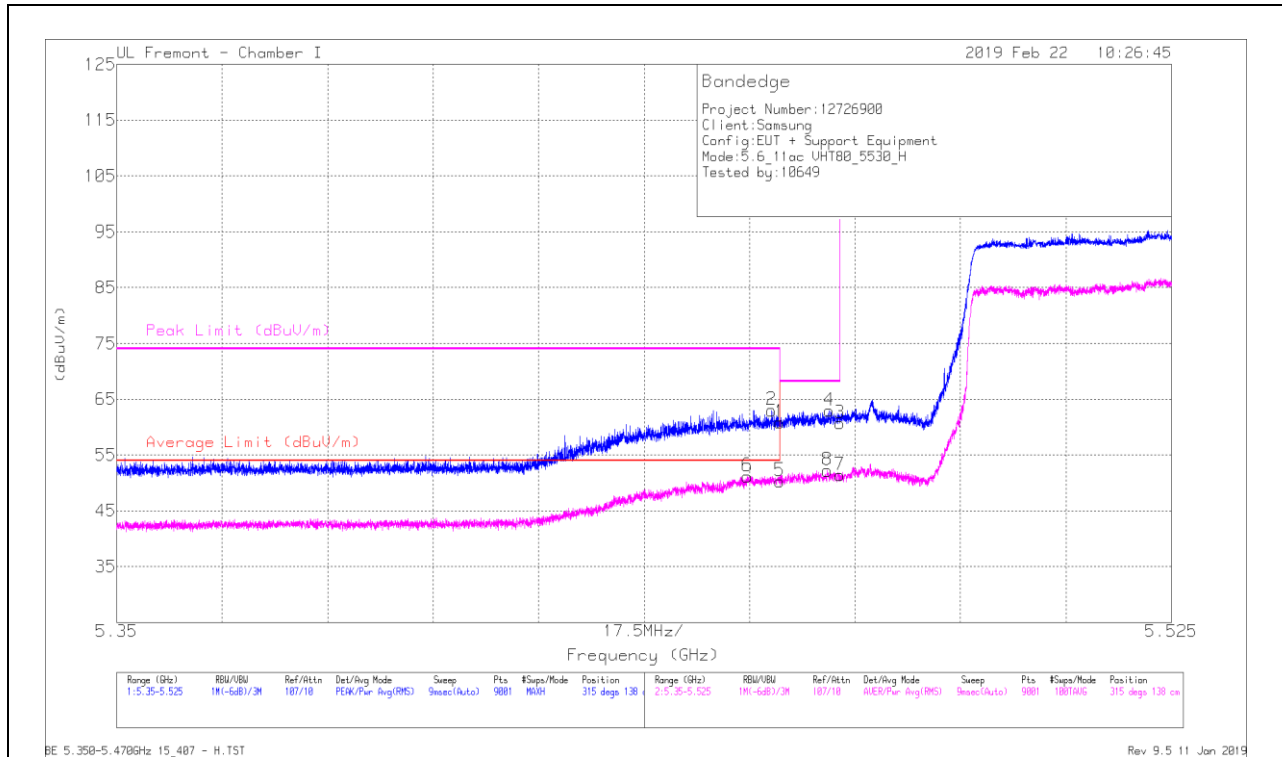
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



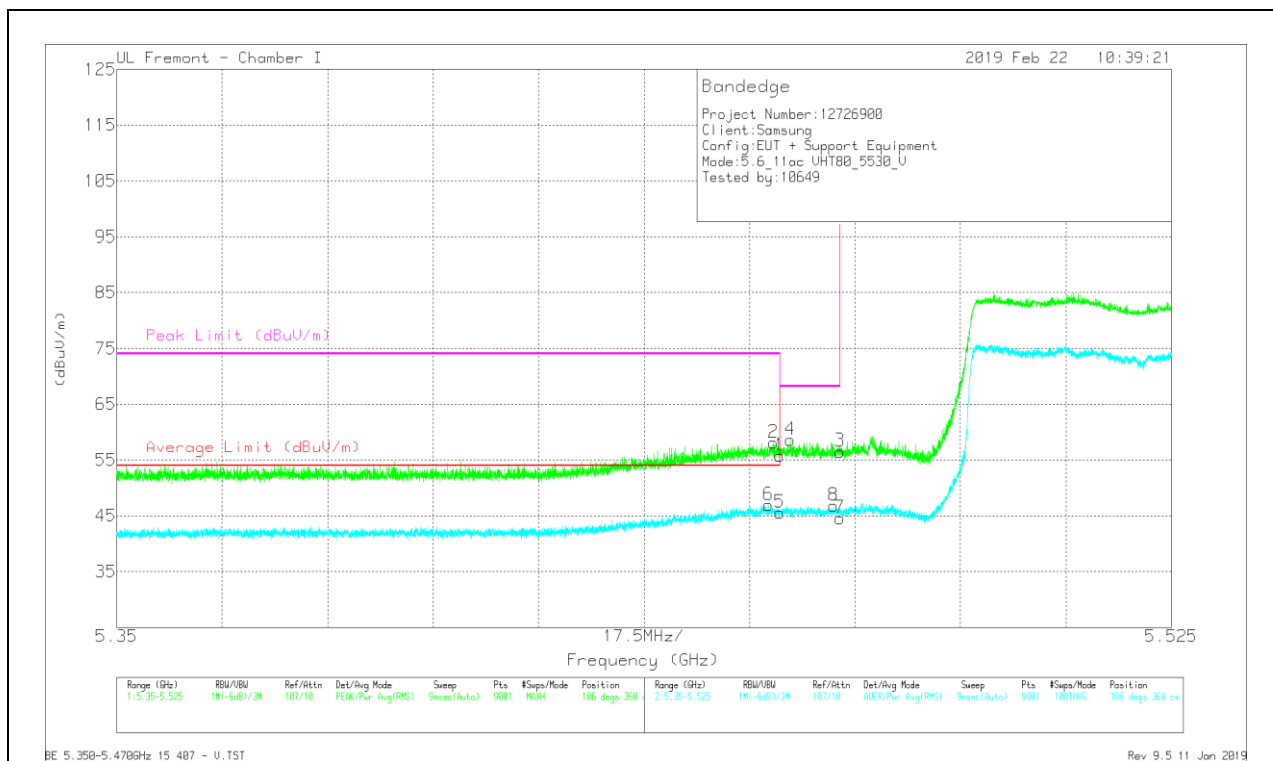
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/CDI/Filt/Fat (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	44.17	Pk	34.6	-17.9	0	60.87	-	-	74	-13.13	315	138	H
2	* 5.459	43.32	Pk	34.6	-17.9	0	60.02	-	-	74	-10.98	315	138	H
3	* 5.47	44.06	Pk	34.6	-17.9	0	60.76	-	-	68.2	-7.44	315	138	H
4	5.468	46.4	Pk	34.6	-18	0	63	-	-	68.2	-5.2	315	138	H
5	* 5.46	33.21	RMS	34.6	-17.9	.44	50.35	54	-3.65	-	-	315	138	H
6	* 5.455	34.08	RMS	34.6	-17.9	.44	51.22	54	-2.78	-	-	315	138	H
7	5.47	34.27	RMS	34.6	-17.9	.44	51.41	-	-	-	-	315	138	H
8	5.468	35.18	RMS	34.6	-18	.44	52.22	-	-	-	-	315	138	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

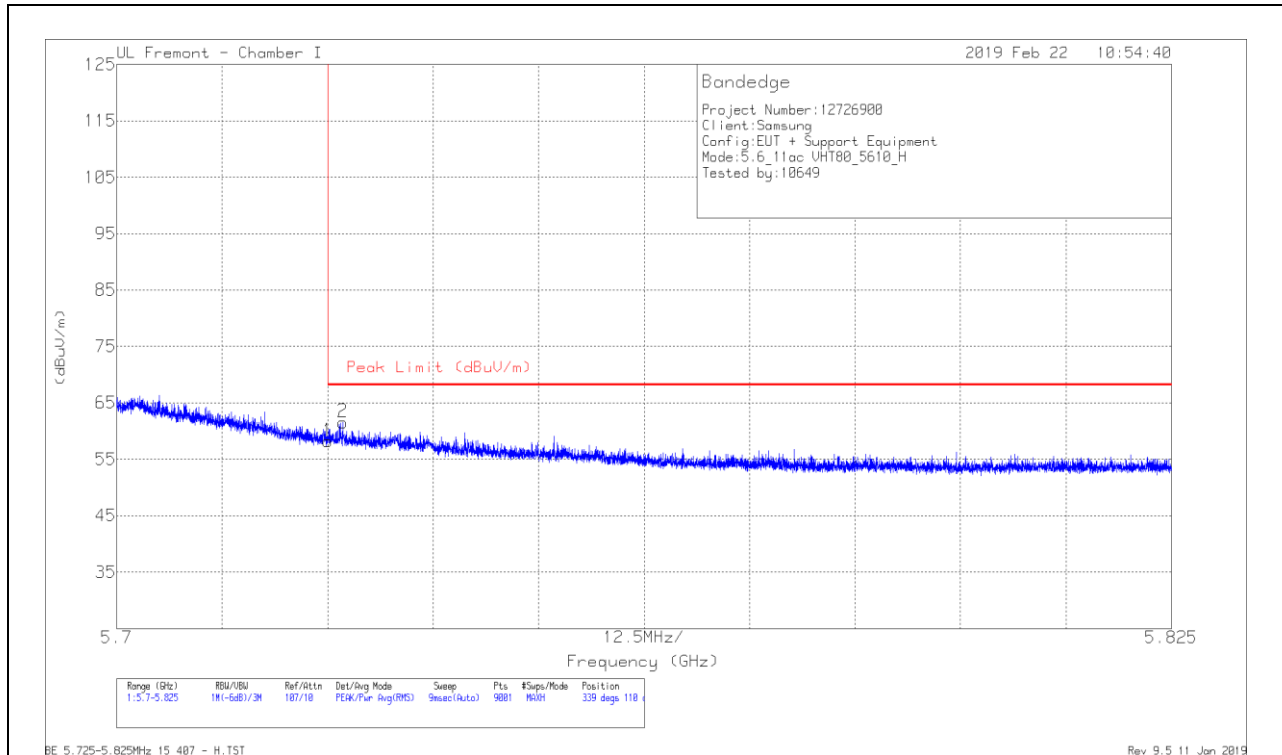


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Ch/Fltr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.11	Pk	34.6	-17.9	0	55.81	-	-	74	-18.19	186	368	V
2	* 5.459	41.39	Pk	34.6	-17.9	0	58.09	-	-	74	-15.91	186	368	V
3	5.47	39.86	Pk	34.6	-17.9	0	56.56	-	-	68.2	-11.64	186	368	V
4	5.462	41.95	Pk	34.6	-17.9	0	58.65	-	-	68.2	-9.55	186	368	V
5	* 5.46	23.87	RMS	34.6	-17.9	-44	46.04	54	-7.96	-	-	186	368	V
6	* 5.458	30.29	RMS	34.6	-17.9	-44	47.46	54	-6.54	-	-	186	368	V
7	5.47	27.93	RMS	34.6	-17.9	-44	45.1	-	-	-	-	186	368	V
8	5.469	30.18	RMS	34.6	-18	-44	47.25	-	-	-	-	186	368	V

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

**BANDEDGE (HIGH CHANNEL)**

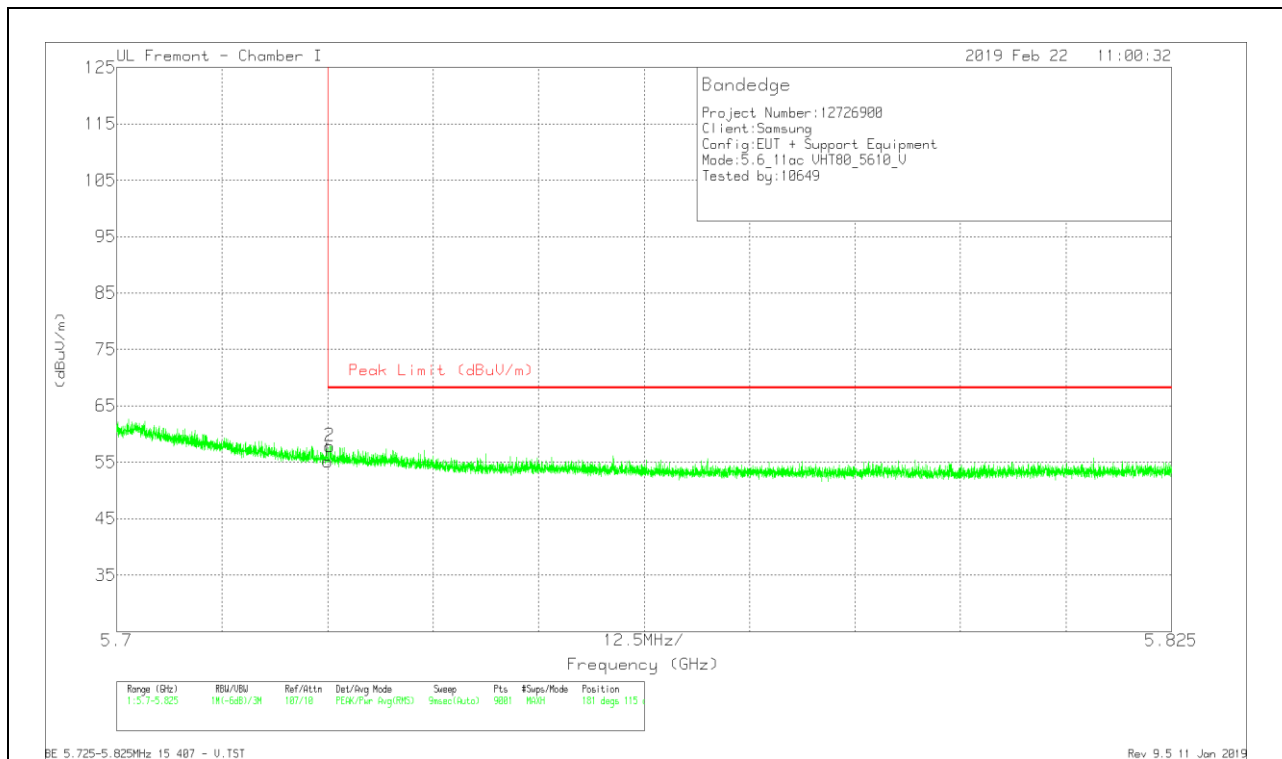
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.76	Pk	35	-18.5	58.26	68.2	-9.94	339	110	H
2	5.727	45.1	Pk	35	-18.5	61.6	68.2	-6.6	339	110	H

Pk - Peak detector

### VERTICAL RESULT

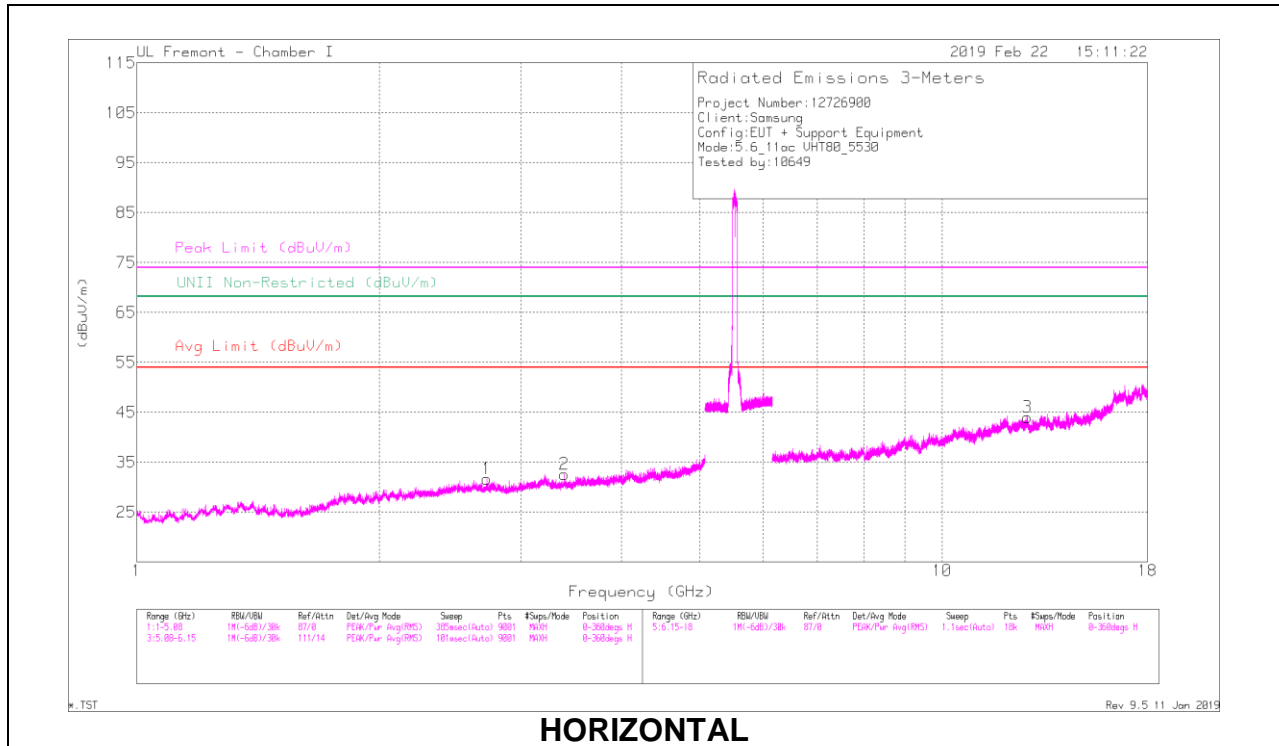


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.71	Pk	35	-18.5	55.21	68.2	-12.99	181	115	V
2	5.725	41.38	Pk	35	-18.5	57.88	68.2	-10.32	181	115	V

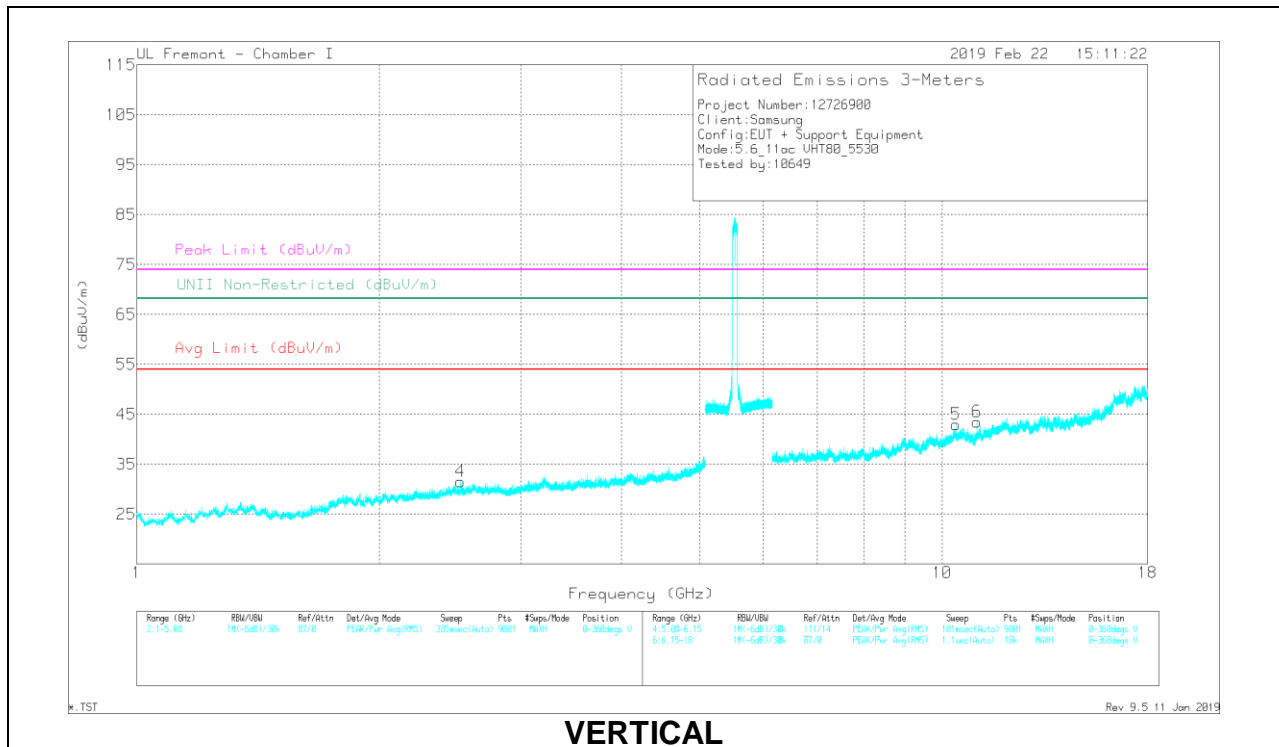
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

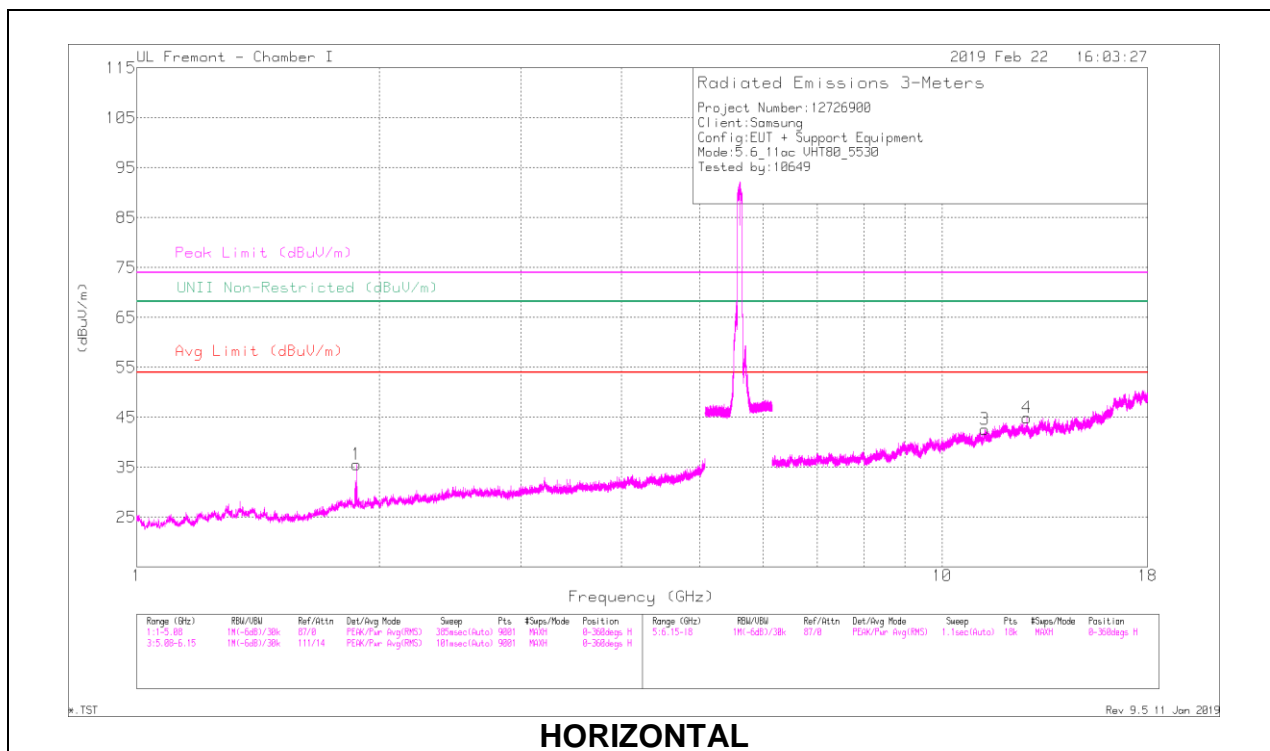
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltrPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.723	37.73	PK-U	32.4	-31.2	0	38.93	-	-	74	-35.07	-	-	123	106	H
	* 2.721	27.14	ADR	32.4	-31.2	-44	28.78	54	-25.22	-	-	-	-	123	106	H
2	3.398	35.44	PK-U	32.7	-30	0	38.14	-	-	-	-	68.2	-30.06	233	345	H
4	2.524	37.5	PK-U	32.4	-31.6	0	38.3	-	-	-	-	68.2	-29.9	106	180	V
3	12.759	28.42	PK-U	39.1	-15.6	0	51.92	-	-	-	-	68.2	-16.28	7	136	H
5	10.4	26.92	PK-U	37.4	-16.8	0	47.52	-	-	-	-	68.2	-20.68	170	209	V
6	* 11.059	25.83	PK-U	37.8	-16.8	0	46.83	-	-	74	-27.17	-	-	198	137	V
	* 11.058	17.83	ADR	37.8	-16.8	-44	39.27	54	-14.73	-	-	-	-	198	137	V

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

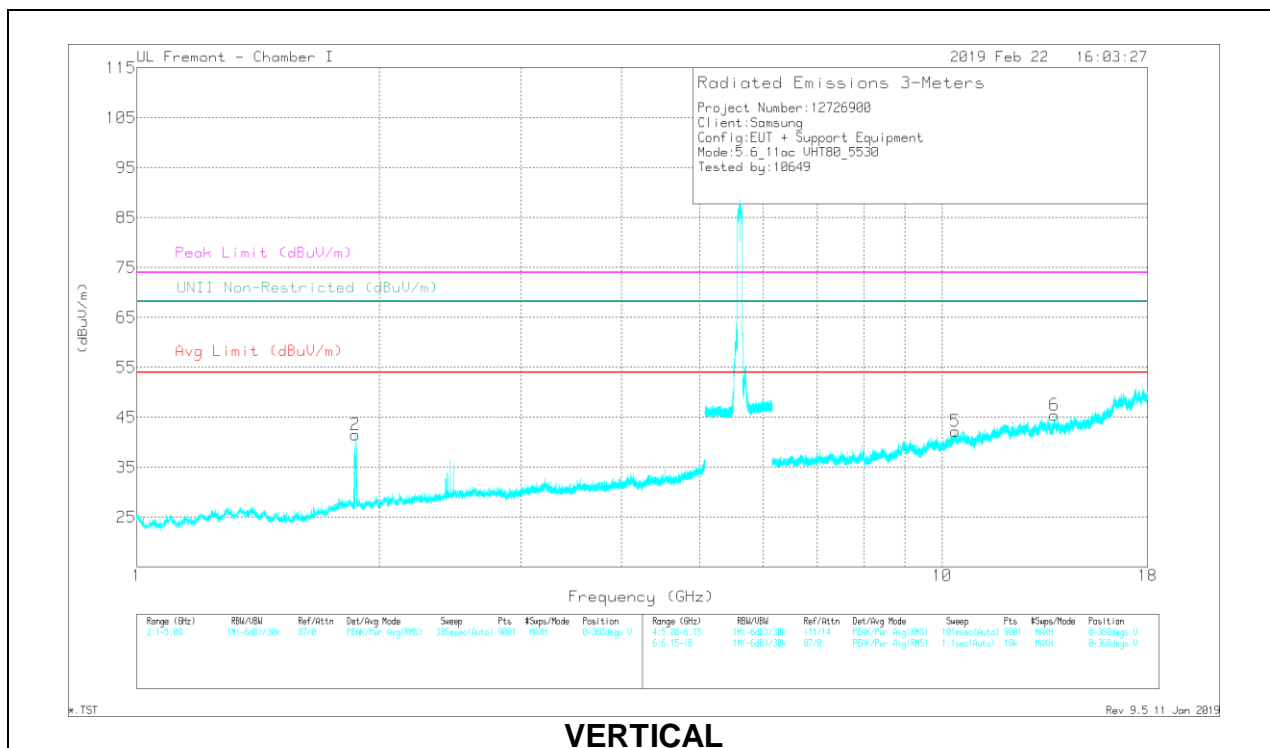
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



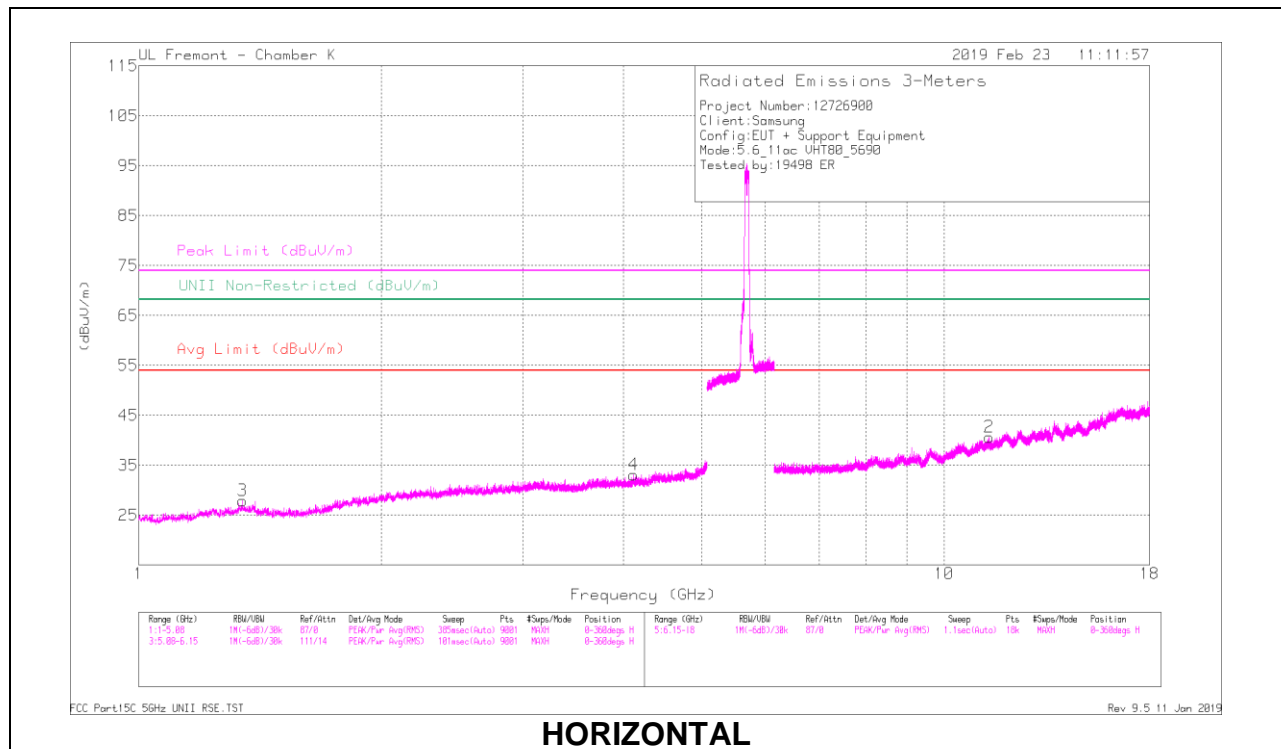
**VERTICAL**

**RADIATED EMISSIONS**

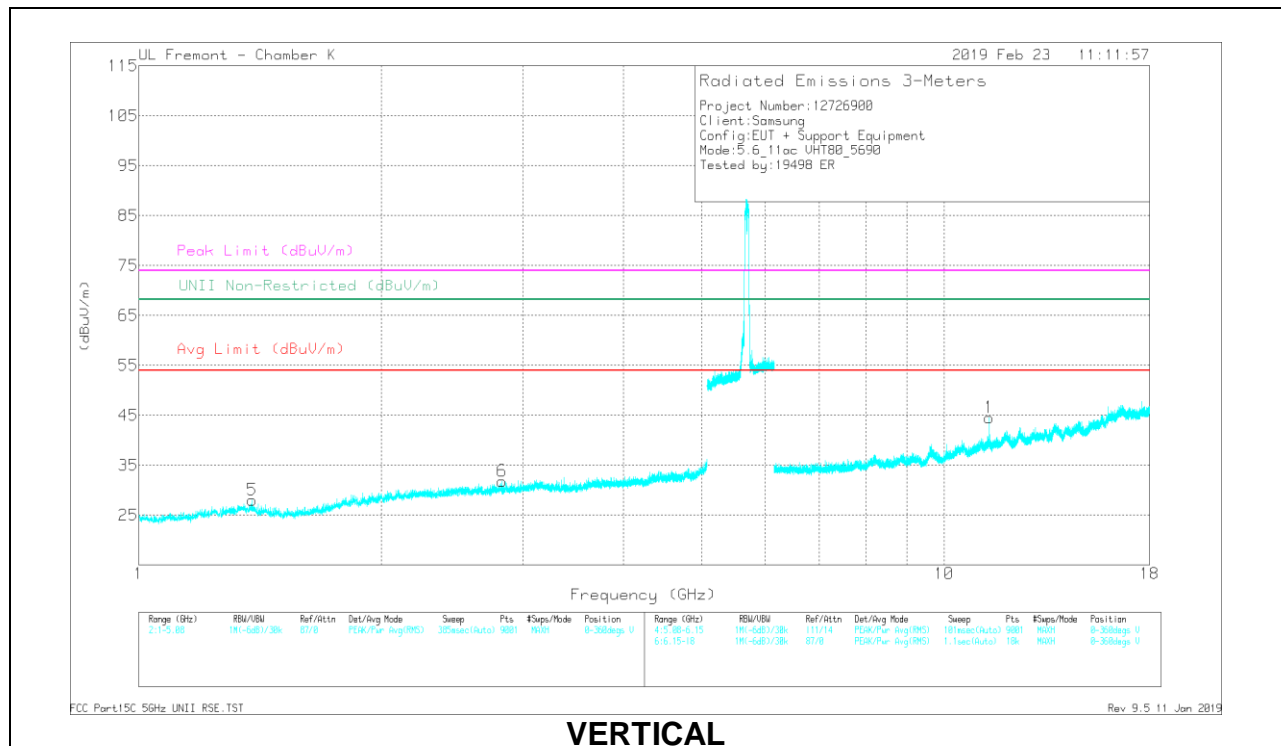
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltrPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.873	40.69	PK-U	30.8	-32.6	0	38.89	-	-	-	-	68.2	-29.31	247	293	H
2	1.867	36.48	PK-U	30.8	-32.6	0	34.68	-	-	-	-	68.2	-33.52	128	348	V
3	* 11.303	26.82	PK-U	38	-16.4	0	48.42	-	-	74	-25.58	-	-	128	348	H
	* 11.304	18.65	ADR	38	-16.4	.44	40.69	54	-13.31	-	-	-	-	128	348	H
4	12.755	26.02	PK-U	39.1	-15.6	0	49.52	-	-	-	-	68.2	-18.68	128	348	H
5	10.378	27.3	PK-U	37.4	-16.4	0	48.3	-	-	-	-	68.2	-19.9	344	224	V
6	13.801	28.58	PK-U	39.4	-15.7	0	52.28	-	-	-	-	68.2	-15.92	20	346	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### CHANNEL 138 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/CoFilter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.346	39.09	PK-U	29.4	-35.2	0	33.29	-	-	74	-40.71	-	-	69	179	H
* 1.348	30.48	ADR	29.4	-35.3	.44	25.02	54	-28.98	-	-	-	-	69	179	H
* 4.114	37.67	PK-U	33.5	-31.5	0	39.67	-	-	74	-34.33	-	-	227	143	H
* 4.114	27.5	ADR	33.5	-31.5	.44	29.94	54	-24.06	-	-	-	-	227	143	H
* 1.382	39.18	PK-U	29.1	-35.3	0	32.98	-	-	74	-41.02	-	-	90	268	V
* 1.381	31.17	ADR	29.1	-35.3	.44	25.41	54	-28.59	-	-	-	-	90	268	V
* 2.826	40.38	PK-U	32.3	-34.6	0	38.08	-	-	74	-35.92	-	-	324	192	V
* 2.825	30.42	ADR	32.3	-34.6	.44	28.56	54	-25.44	-	-	-	-	324	192	V
* 11.38	30.74	PK-U	38	-21	0	47.74	-	-	74	-26.26	-	-	108	103	H
* 11.38	23.12	ADR	38	-21	.44	40.56	54	-13.44	-	-	-	-	108	103	H
* 11.38	32.1	PK-U	38	-21	0	49.1	-	-	74	-24.9	-	-	108	102	V
* 11.38	26.41	ADR	38	-21	.44	43.85	54	-10.15	-	-	-	-	108	102	V

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

PK-U - U-NII: Maximum Peak

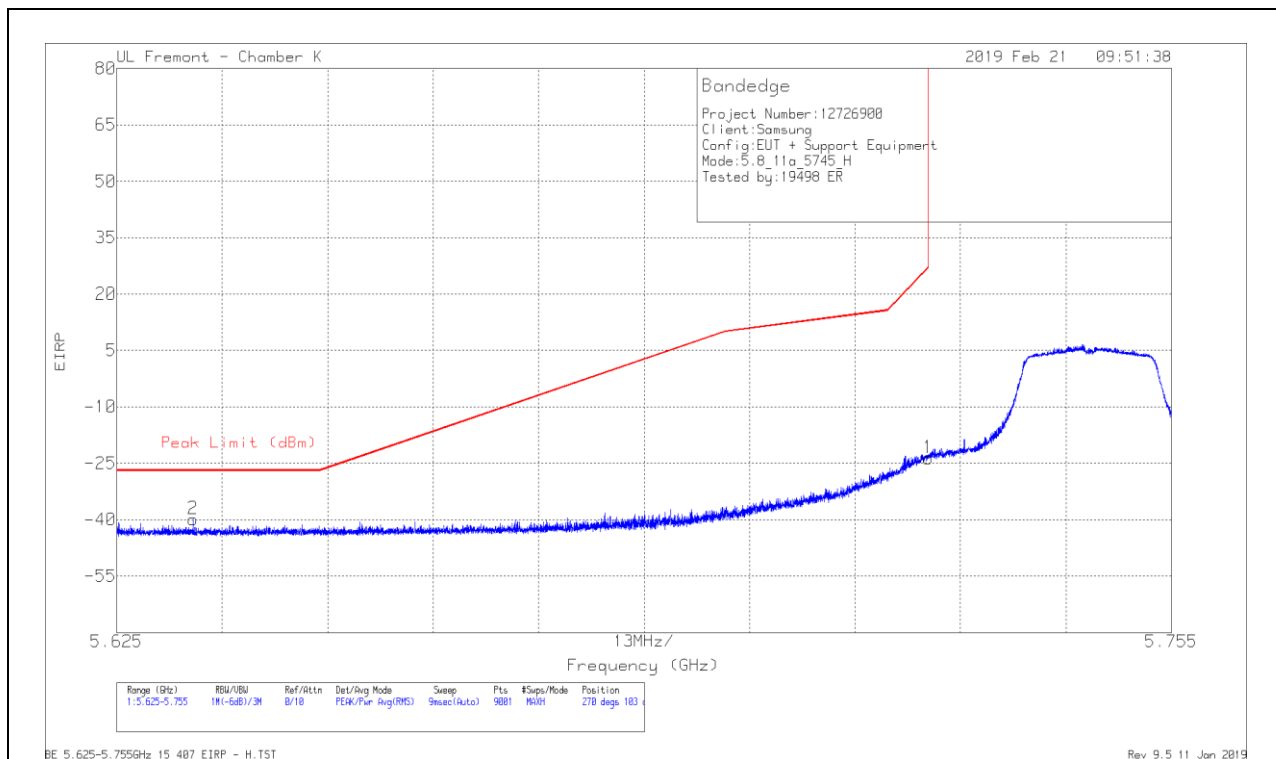
ADR - U-NII AD primary method, RMS average

**10.1.13. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

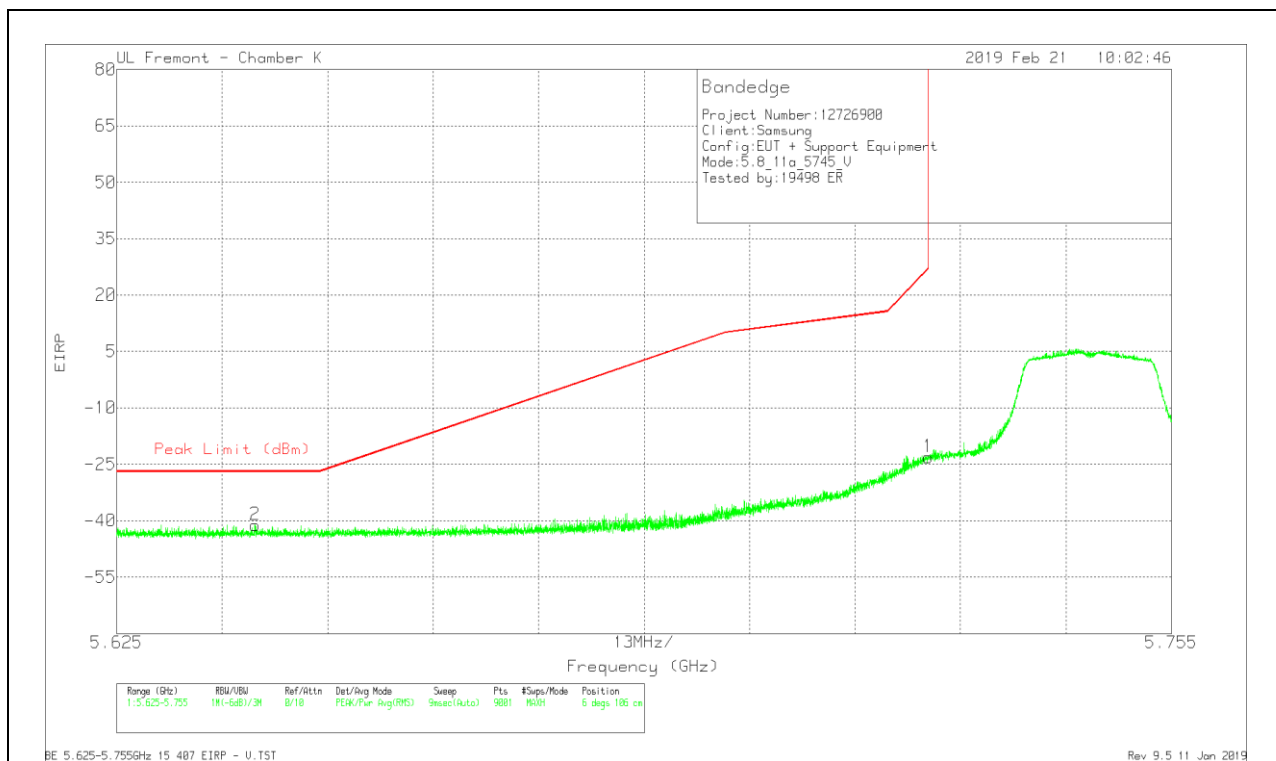
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.35	Pk	34.9	-19	11.8	-23.65	26.99	-50.64	270	103	H
2	5.634	-66.73	Pk	34.6	-19.5	11.8	-39.83	-27	-12.83	270	103	H

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

### VERTICAL RESULT

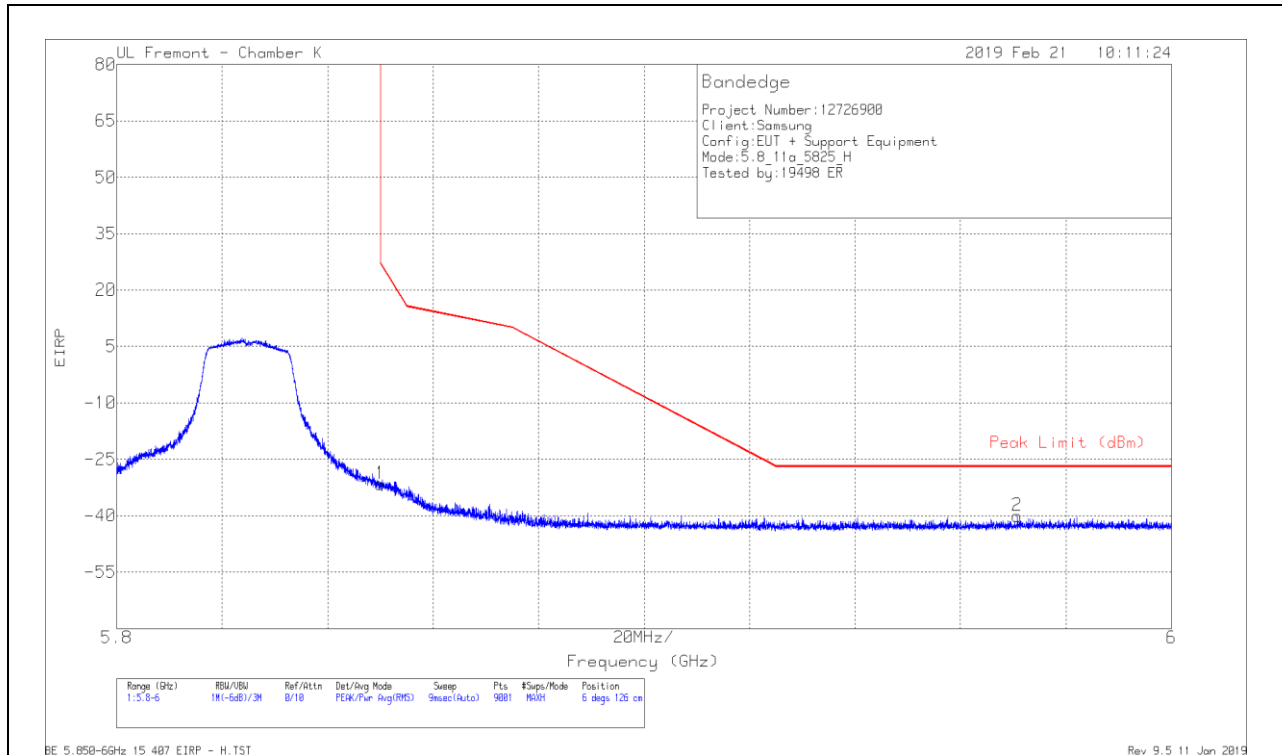


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.84	Pk	34.9	-19	11.8	-23.14	26.99	-50.13	6	106	V
2	5.642	-68.17	Pk	34.6	-19.4	11.8	-41.17	-27	-14.17	6	106	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

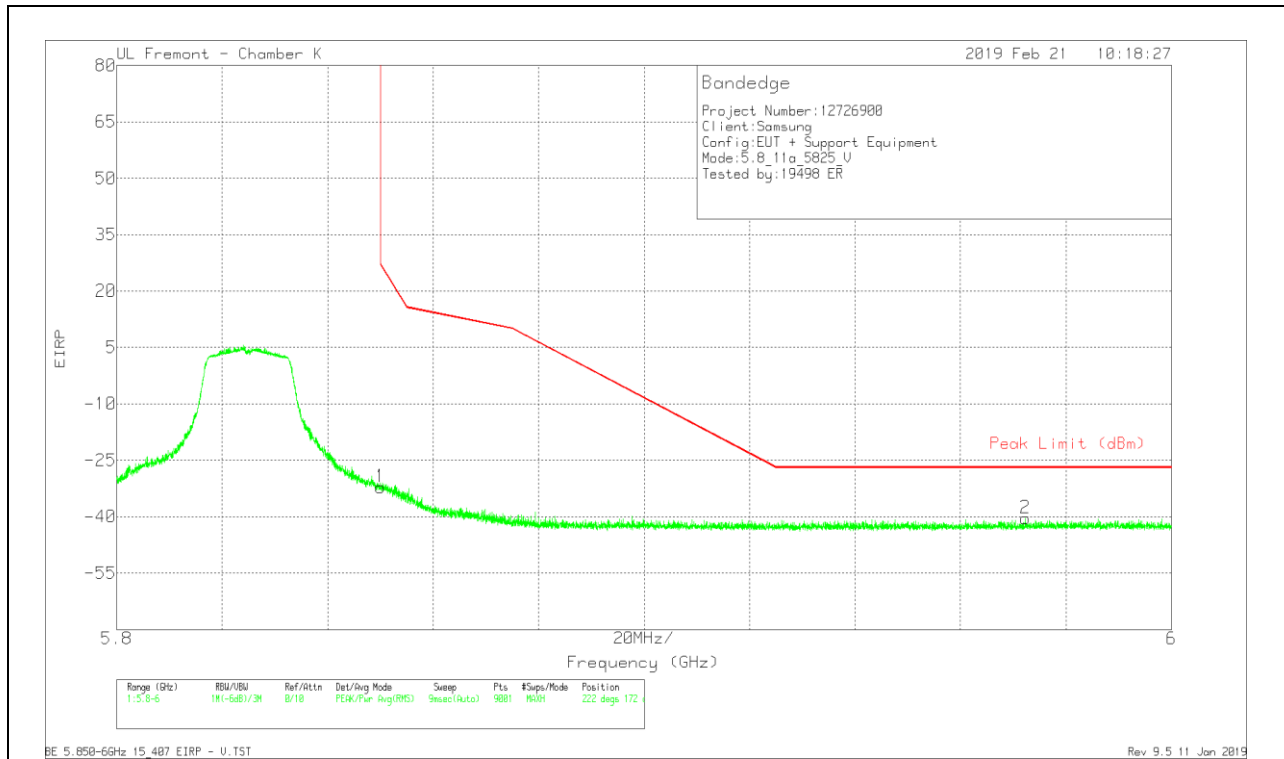


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.5	Pk	35	-18.9	11.8	-31.6	26.95	-58.55	6	126	H
2	5.971	-68.32	Pk	35.1	-18.6	11.8	-40.02	-27	-13.02	6	126	H

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



### VERTICAL RESULT

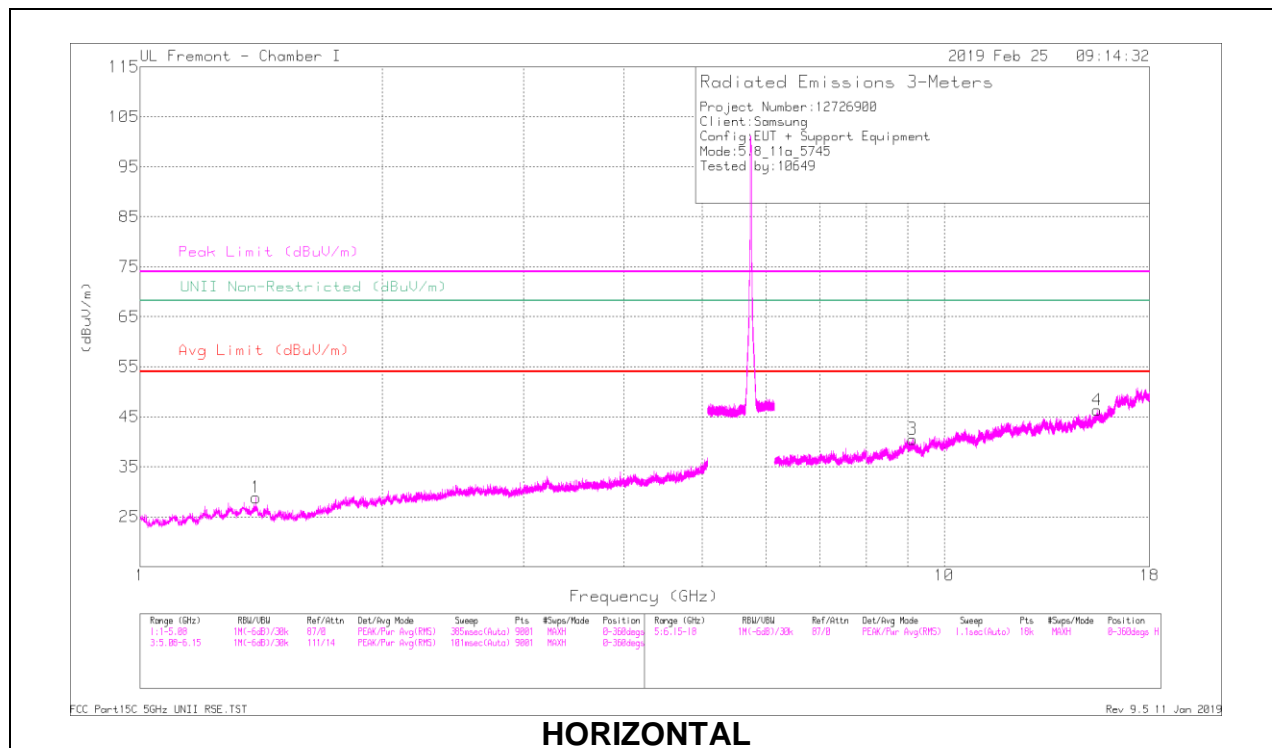


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.99	Pk	35	-18.9	11.8	-32.09	26.95	-59.04	222	172	V
2	5.972	-68.81	Pk	35.1	-18.6	11.8	-40.51	-27	-13.51	222	172	V

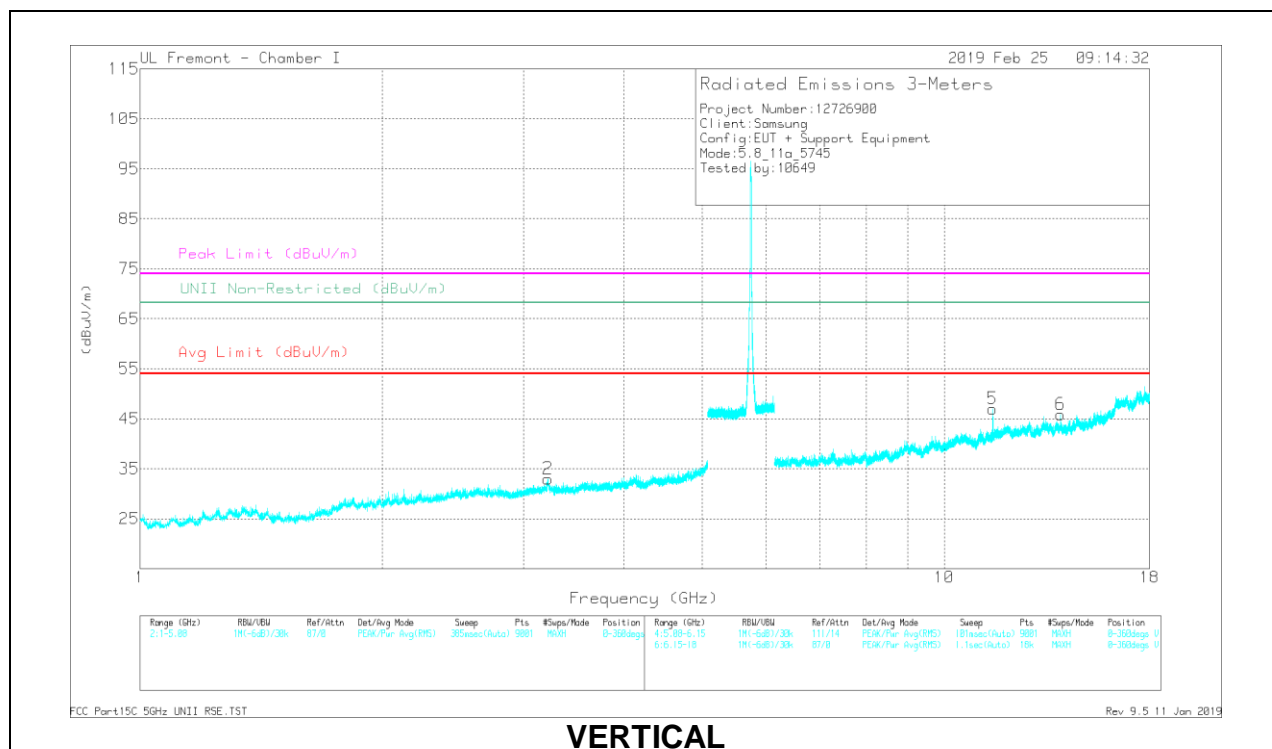
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



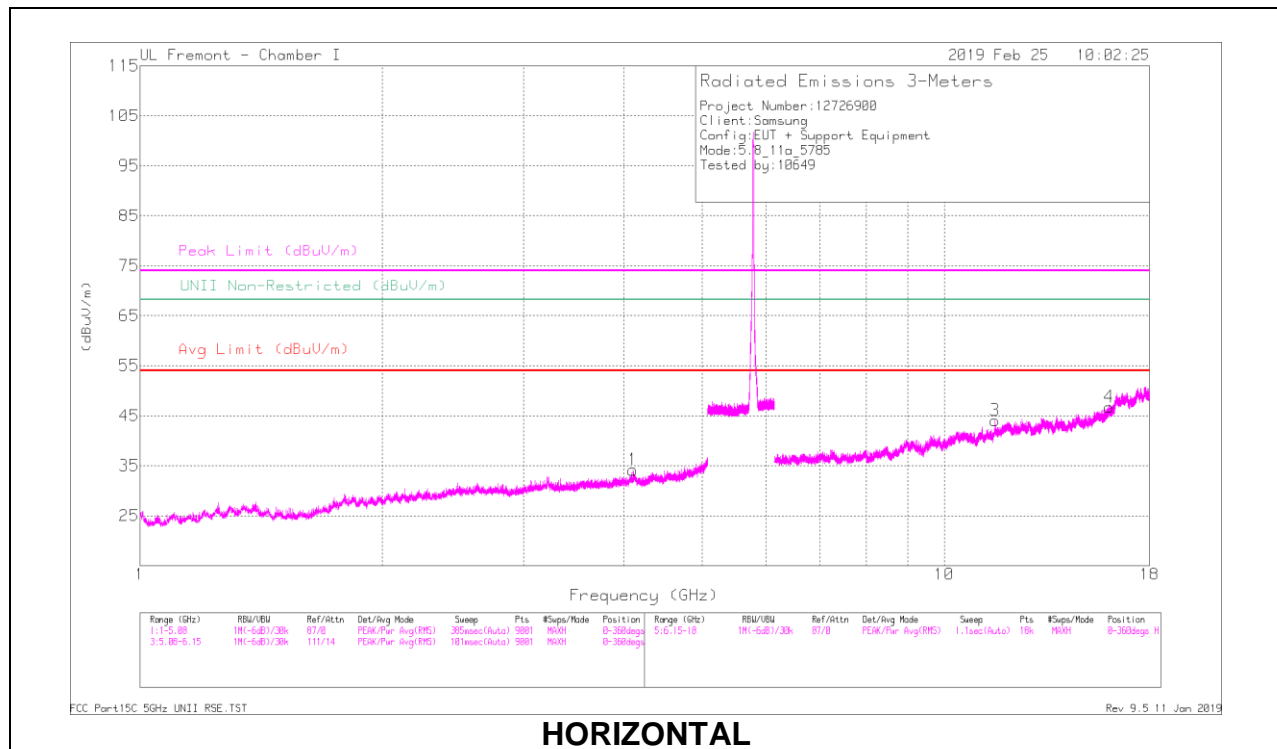
**VERTICAL**

**RADIATED EMISSIONS**

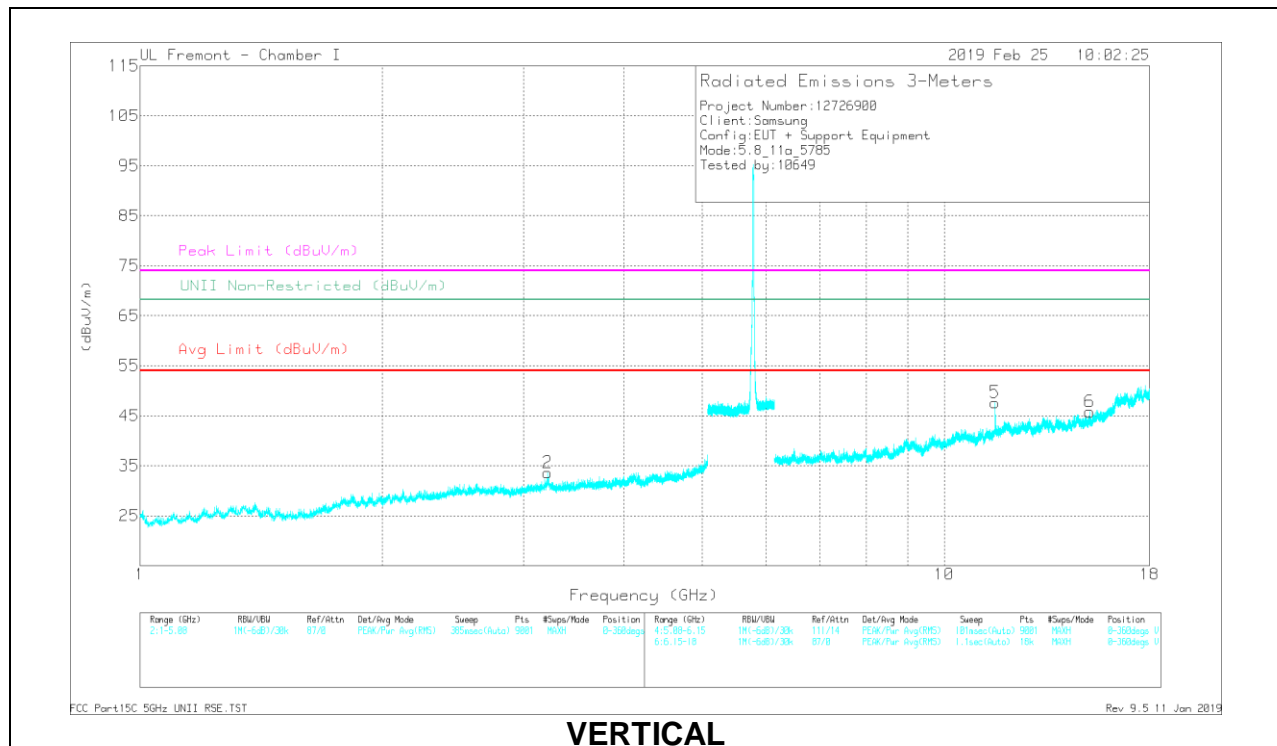
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltrPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.395	38.69	PK-U	29.1	-33.4	0	34.39	-	-	74	-39.61	-	-	34	343	H
	* 1.391	29.43	ADR	29.1	-33.5	.09	25.12	54	-28.88	-	-	-	-	34	343	H
2	3.215	36.88	PK-U	33.5	-29.8	0	40.58	-	-	-	-	68.2	-27.62	302	339	V
3	* 9.131	29.14	PK-U	36.4	-17.7	0	47.84	-	-	74	-26.16	-	-	342	371	H
	* 9.132	19.28	ADR	36.4	-17.7	.09	38.07	54	-15.93	-	-	-	-	342	371	H
4	* 15.501	27.3	PK-U	40.1	-14	0	53.4	-	-	74	-20.6	-	-	69	162	H
	* 15.5	17.41	ADR	40	-14	.09	43.5	54	-10.5	-	-	-	-	69	162	H
5	* 11.49	33.73	PK-U	38.3	-17	0	55.03	-	-	74	-18.97	-	-	206	108	V
	11.49	24.74	ADR	38.3	-17	.09	46.13	54	-7.87	-	-	-	-	206	108	V
6	13.943	28.08	PK-U	39.3	-16.5	0	50.88	-	-	-	-	68.2	-17.32	119	178	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



### HORIZONTAL



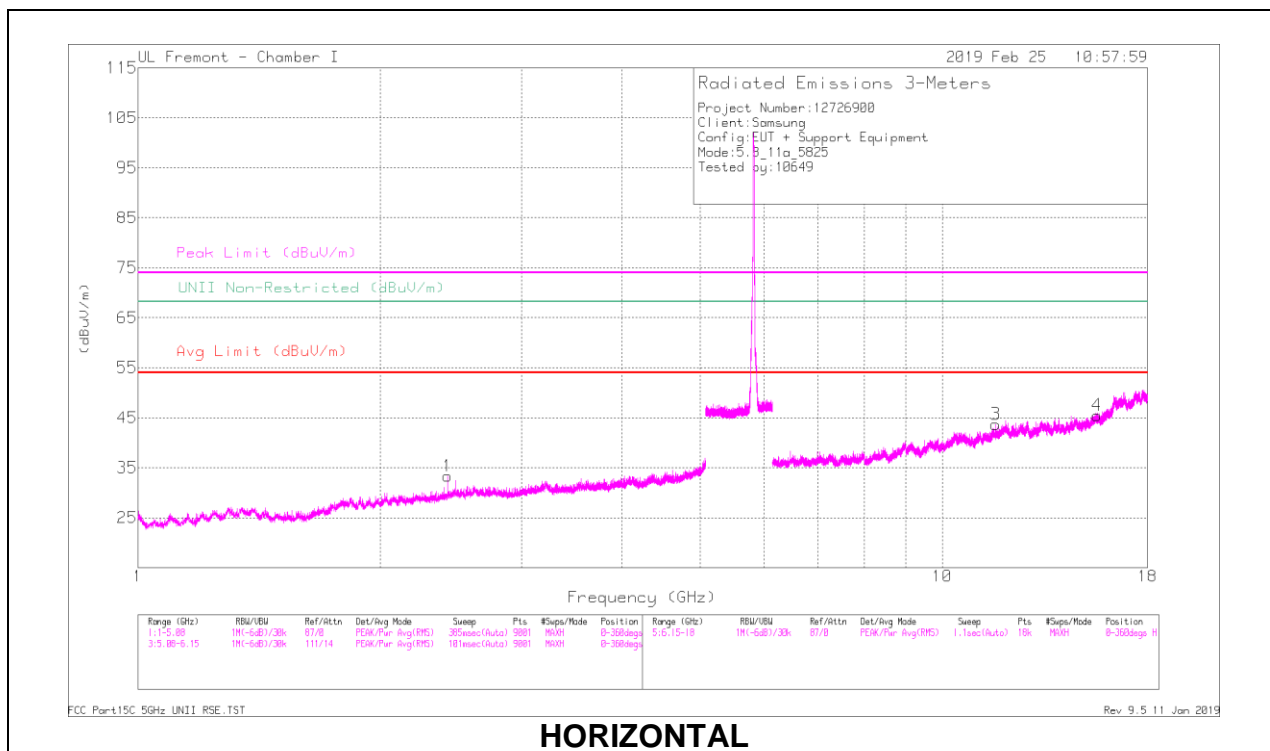
### VERTICAL

**RADIATED EMISSIONS**

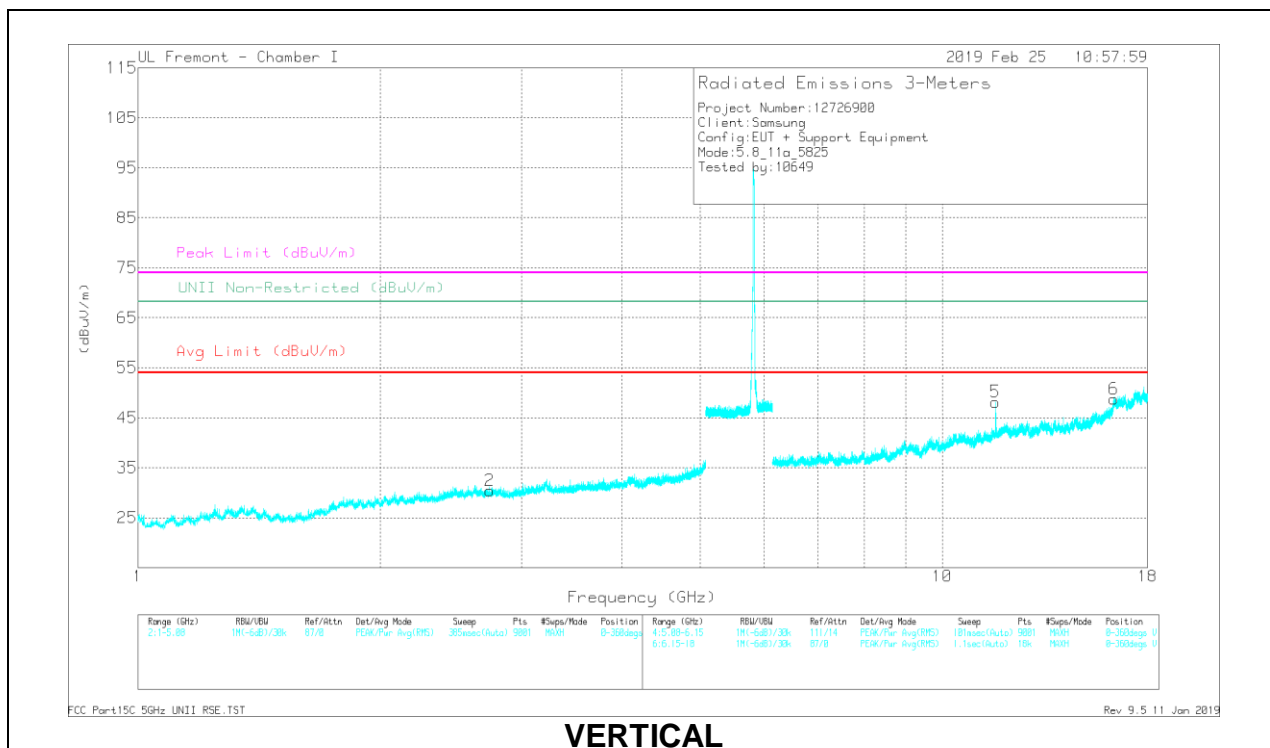
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltrPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.096	34.77	PK-U	33.4	-28	0	40.17	-	-	74	-33.83	-	-	21	322	H
	* 4.1	25.37	ADR	33.4	-28	.09	30.86	54	-23.14	-	-	-	-	21	322	H
2	3.213	35.56	PK-U	33.6	-29.9	0	39.26	-	-	-	-	68.2	-28.94	245	194	V
3	* 11.57	29.58	PK-U	38.3	-16.6	0	51.28	-	-	74	-22.72	-	-	221	112	H
	* 11.57	19.71	ADR	38.3	-16.6	.09	41.5	54	-12.5	-	-	-	-	221	112	H
4	* 16.038	26.53	PK-U	40.4	-12.5	0	54.43	-	-	74	-19.57	-	-	347	151	H
	* 16.038	16.2	ADR	40.4	-12.5	.09	44.19	54	-9.81	-	-	-	-	347	151	H
5	* 11.568	33.24	PK-U	38.3	-16.6	0	54.94	-	-	74	-19.06	-	-	206	107	V
	* 11.57	24.89	ADR	38.3	-16.6	.09	46.68	54	-7.32	-	-	-	-	206	107	V
6	15.166	27.46	PK-U	39.6	-14.7	0	52.36	-	-	-	-	68.2	-15.84	284	138	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltrPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.428	36.93	PK-U	32.2	-31.7	0	37.43	-	-	-	-	68.2	-30.77	355	205	H
2	* 2.739	36.52	PK-U	32.4	-30.9	0	36.02	-	-	74	-35.98	-	-	291	340	V
	* 2.739	27.1	ADR	32.4	-30.9	.09	23.69	54	-25.31	-	-	-	-	291	340	V
3	* 11.65	28.37	PK-U	38.4	-16.7	0	50.07	-	-	74	-23.93	-	-	280	150	H
	* 11.65	20.79	ADR	38.4	-16.7	.09	42.58	54	-11.42	-	-	-	-	280	150	H
4	* 15.566	26.91	PK-U	40.1	-14	0	53.01	-	-	74	-20.99	-	-	353	210	H
	* 15.567	16.75	ADR	40.1	-14	.09	42.94	54	-11.06	-	-	-	-	353	210	H
5	* 11.65	32.72	PK-U	38.4	-16.7	0	54.42	-	-	74	-19.58	-	-	206	111	V
	* 11.65	25.06	ADR	38.4	-16.7	.09	46.85	54	-7.15	-	-	-	-	206	111	V
6	16.345	26.91	PK-U	41	-11.9	0	56.01	-	-	-	-	68.2	-12.19	271	333	V

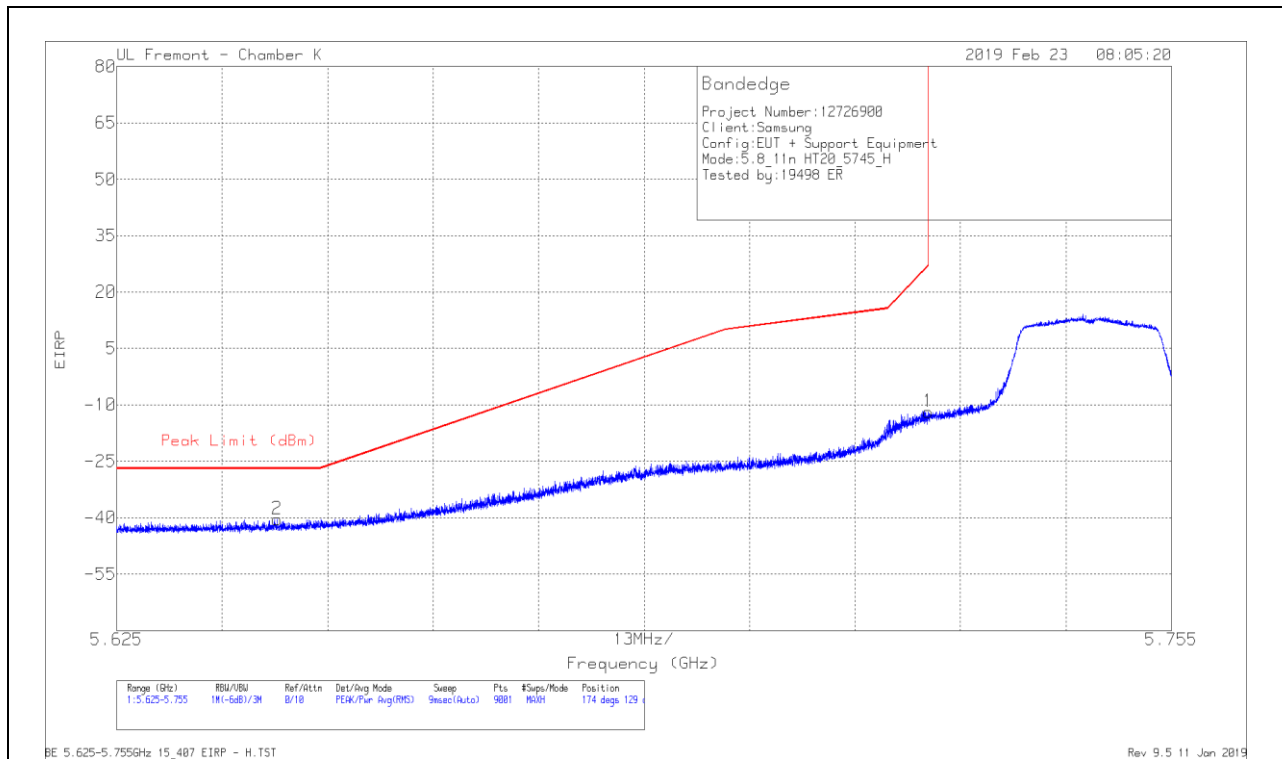
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.14. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

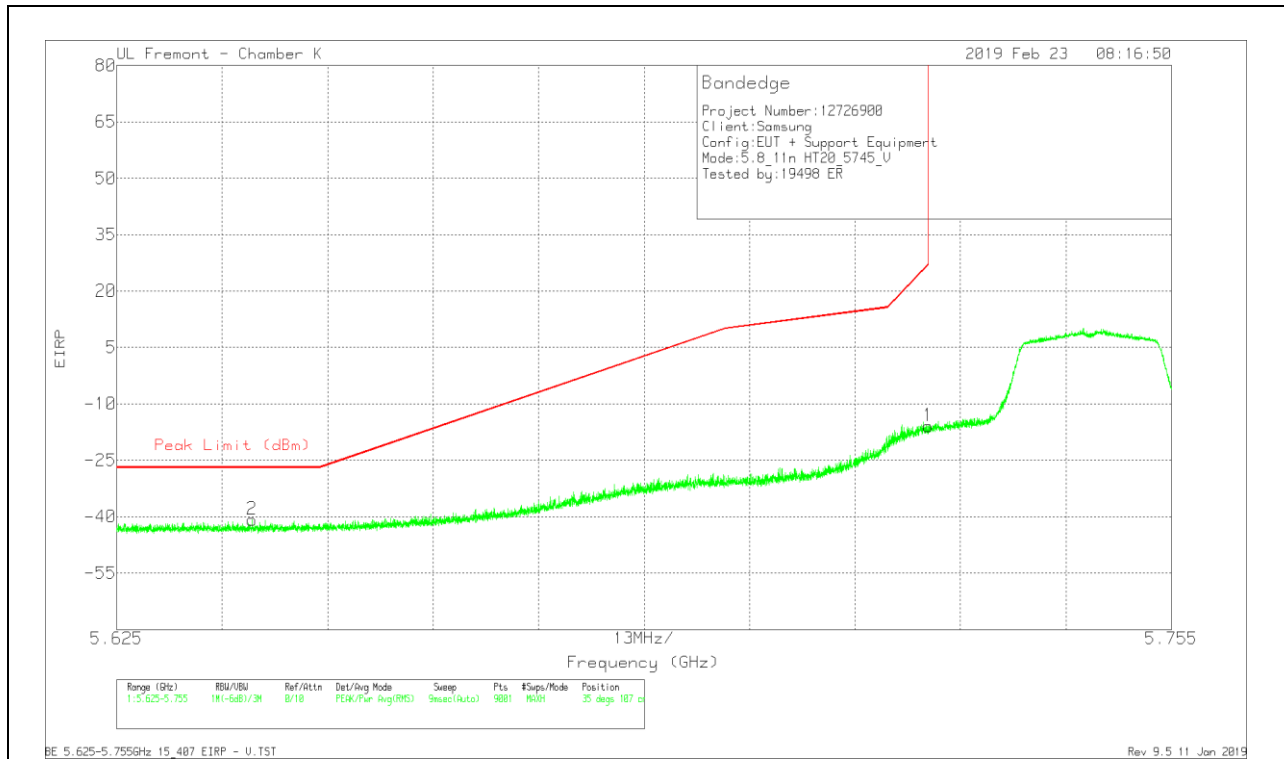


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-39.5	Pk	34.9	-19	11.8	-11.8	26.99	-38.79	174	129	H
2	5.645	-67.51	Pk	34.6	-19.4	11.8	-40.51	-27	-13.51	174	129	H

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



**VERTICAL RESULT**

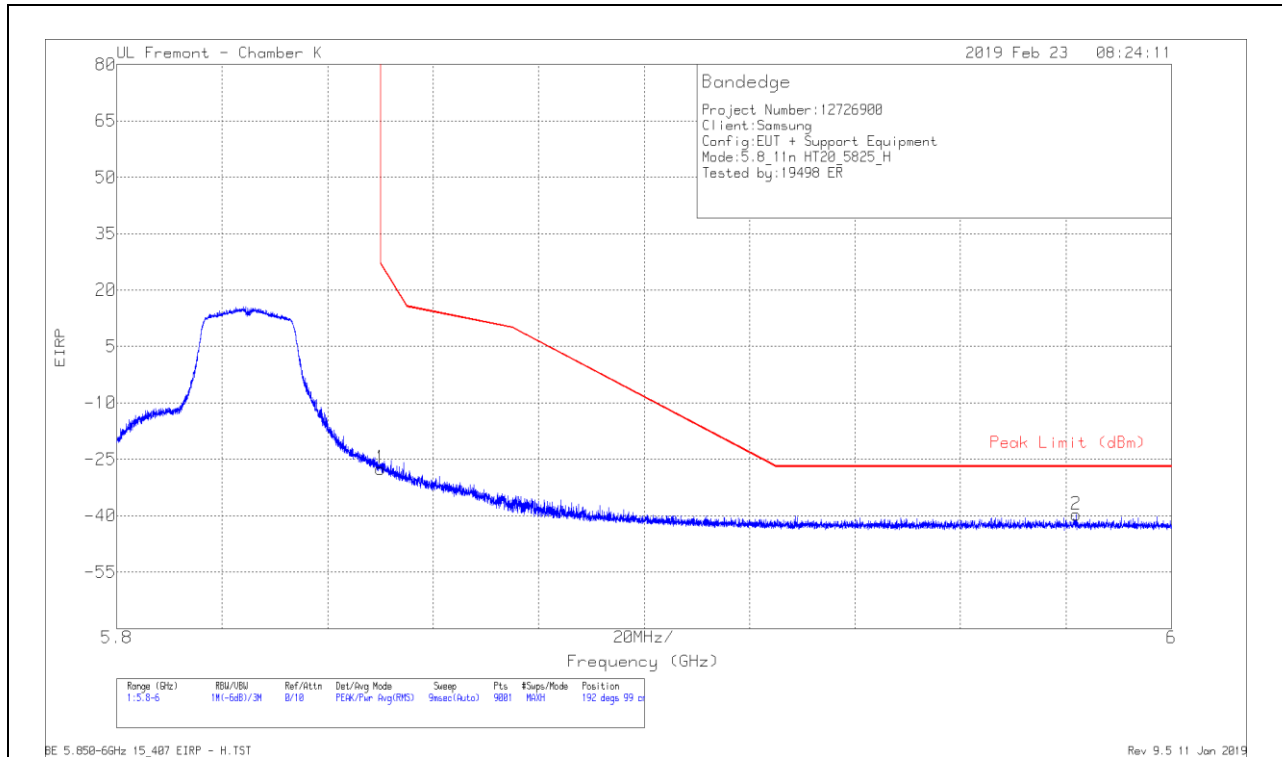


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-43.71	Pk	34.9	-19	11.8	-16.01	26.99	-43	35	107	V
2	5.642	-67.83	Pk	34.6	-19.4	11.8	-40.83	-27	-13.83	35	107	V

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

**BANDEDGE (HIGH CHANNEL)**

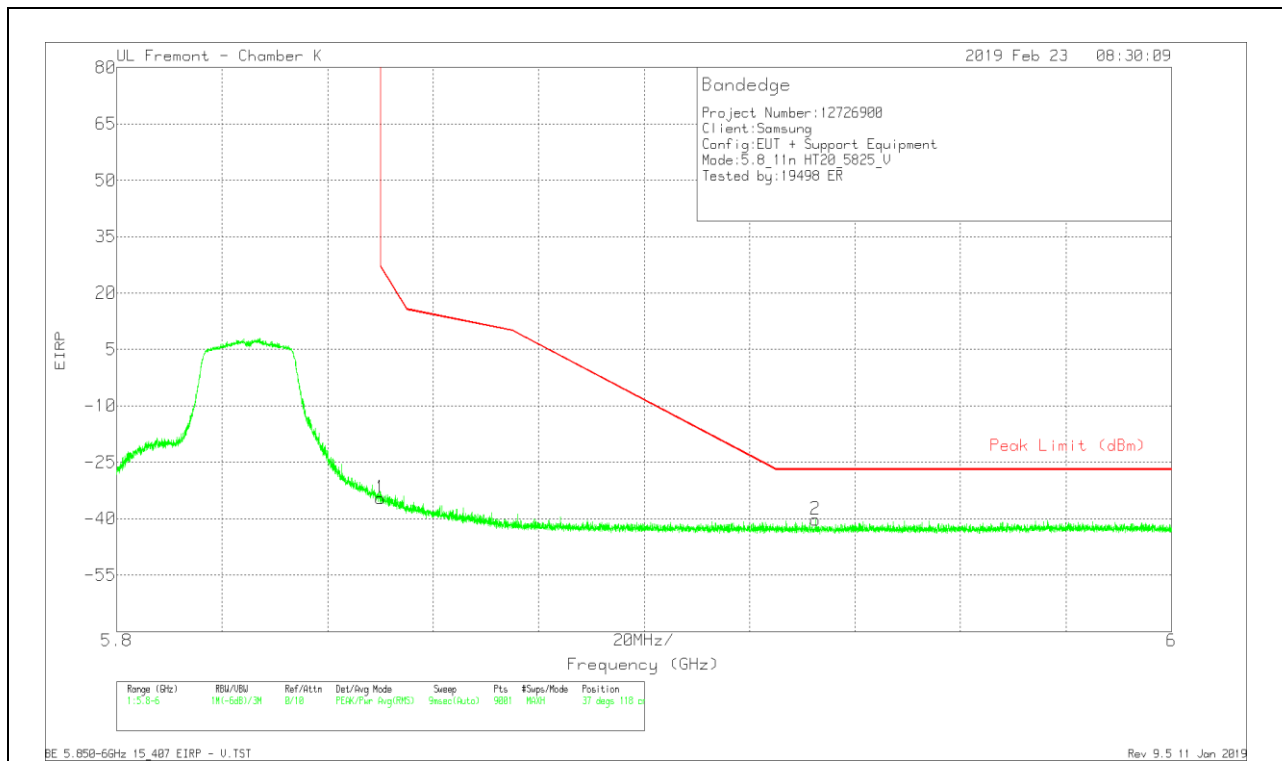
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.34	Pk	35	-18.9	11.8	-27.44	26.95	-54.39	192	99	H
2	5.982	-68.05	Pk	35.1	-18.6	11.8	-39.75	-27	-12.75	192	99	H

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

### VERTICAL RESULT

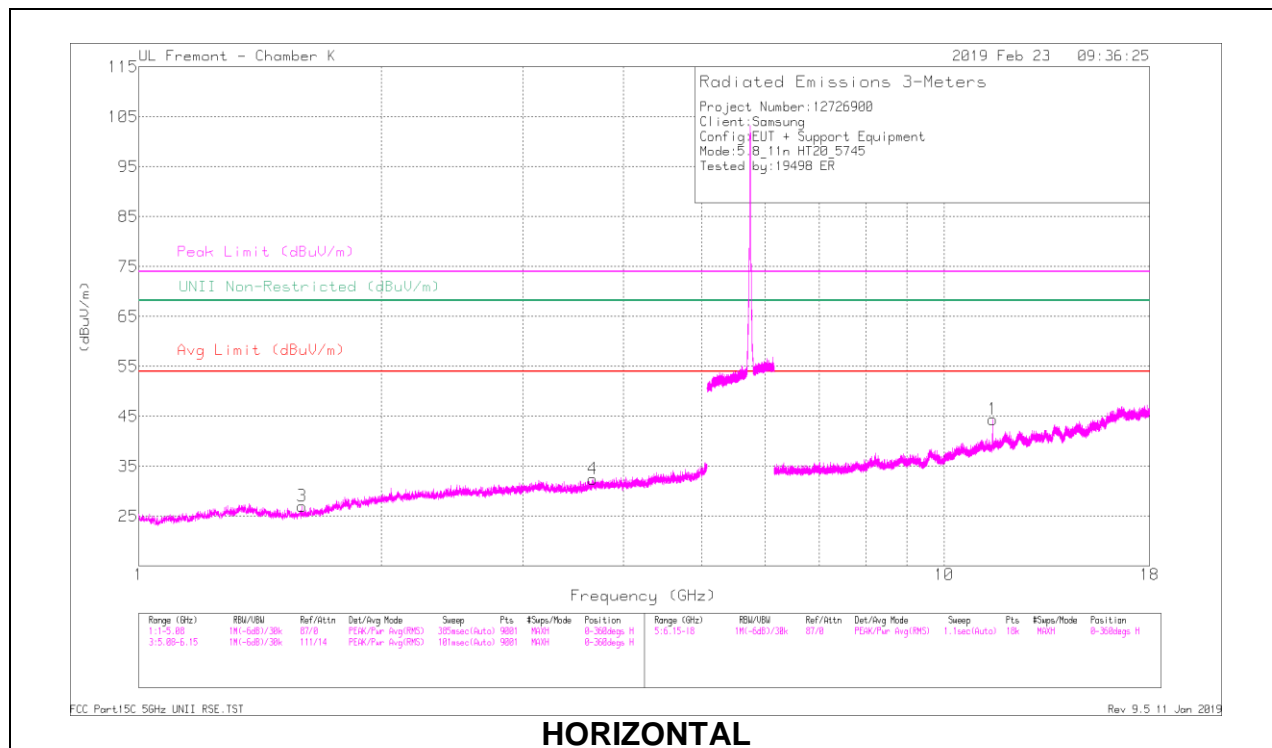


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.43	Pk	35	-18.9	11.8	-34.53	26.95	-61.48	37	118	V
2	5.932	-68.29	Pk	35.1	-18.8	11.8	-40.19	-27	-13.19	37	118	V

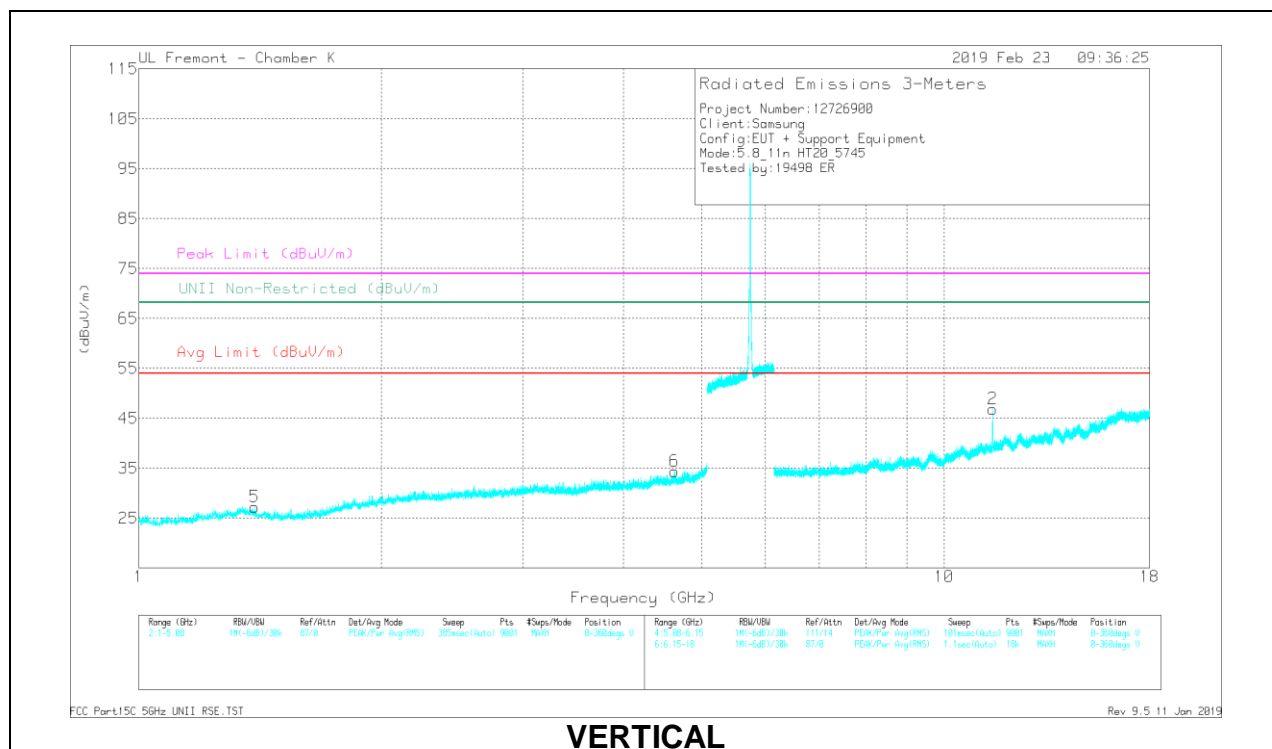
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



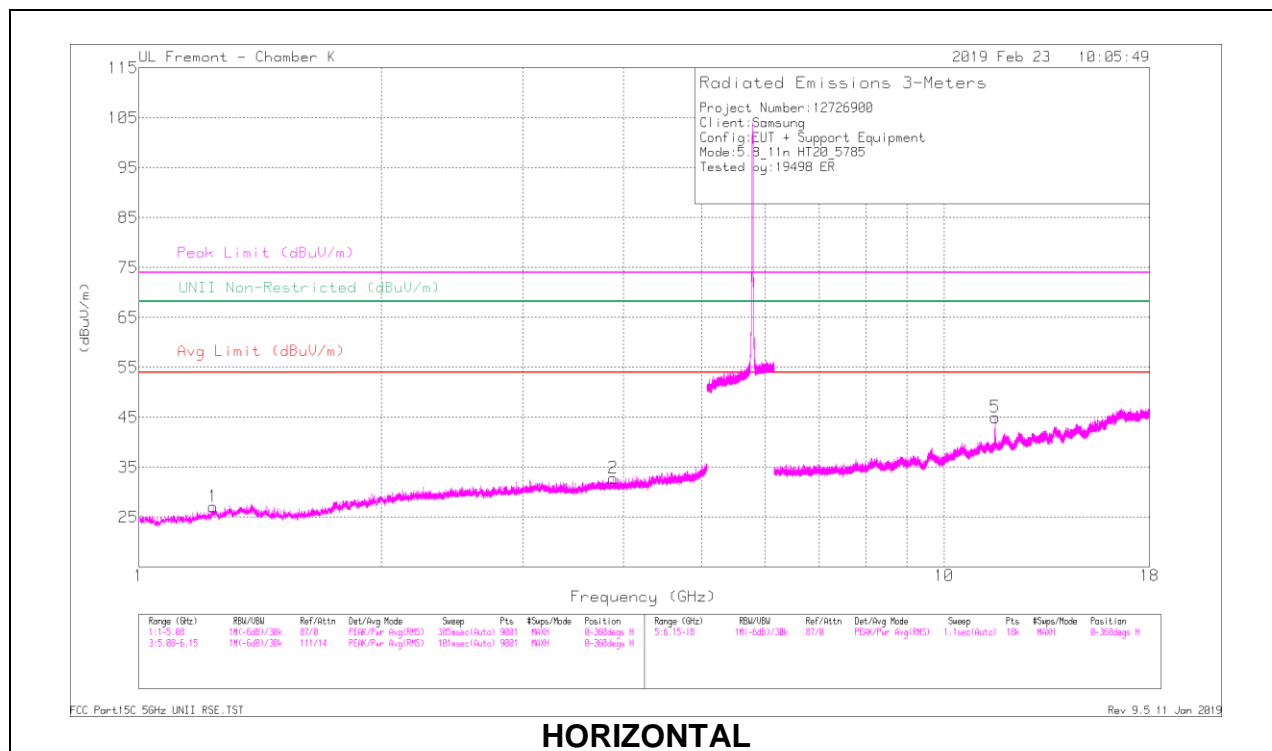
**VERTICAL**

**RADIATED EMISSIONS**

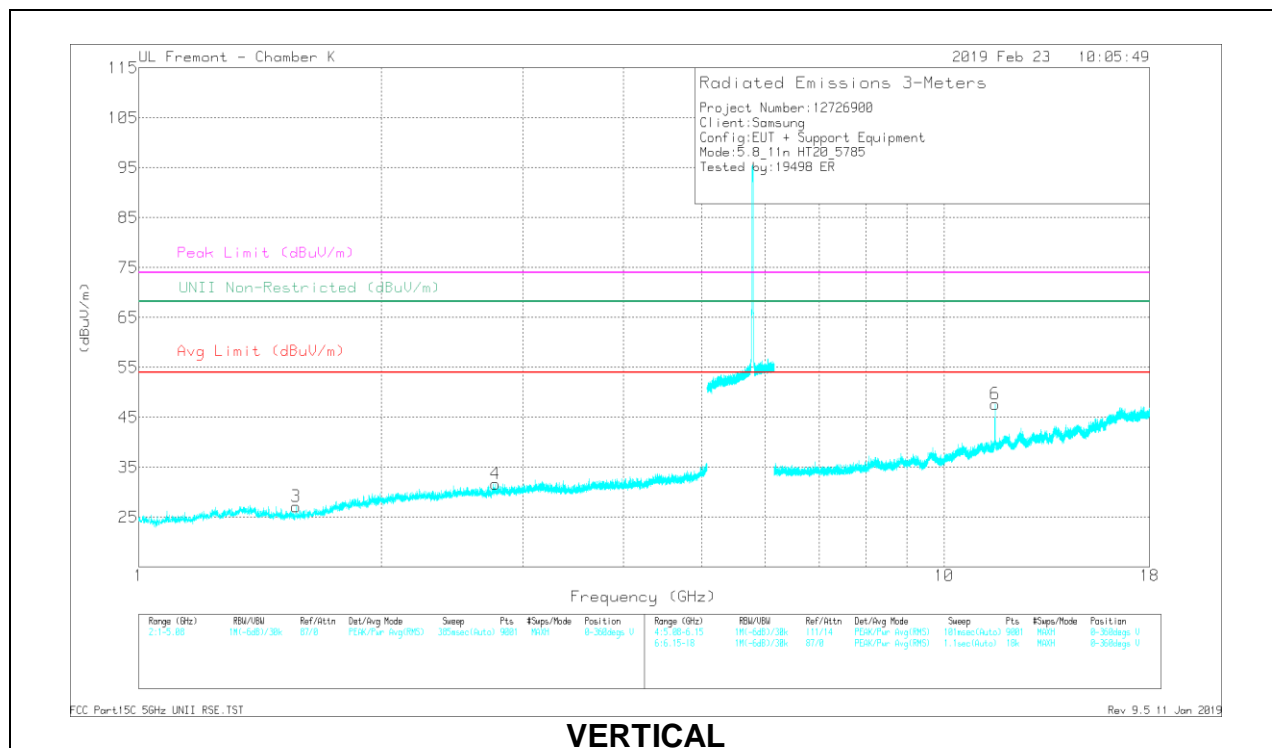
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.597	40.06	PK-U	28	-35.2	0	32.86	-	-	74	-41.14	-	-	109	162	H
* 1.594	30.89	ADR	28	-35.2	.1	23.79	54	-30.21	-	-	-	-	109	162	H
* 3.666	38.15	PK-U	33	-32.3	0	38.85	-	-	74	-35.15	-	-	210	185	H
* 3.665	28.69	ADR	33	-32.3	.1	29.49	54	-24.51	-	-	-	-	210	185	H
* 1.393	39.99	PK-U	29	-35.2	0	33.79	-	-	74	-40.21	-	-	149	265	V
* 1.393	30.75	ADR	29	-35.2	.1	24.65	54	-29.35	-	-	-	-	149	265	V
* 4.624	37.79	PK-U	34.1	-30.6	0	41.29	-	-	74	-32.71	-	-	288	116	V
* 4.624	26.41	ADR	34.1	-30.6	.1	30.01	54	-23.99	-	-	-	-	288	116	V
* 11.49	32.31	PK-U	38.1	-21	0	49.41	-	-	74	-24.99	-	-	120	126	H
* 11.49	24.36	ADR	38.1	-21	.1	41.56	54	-12.44	-	-	-	-	120	126	H
* 11.489	36.63	PK-U	38.1	-21	0	53.73	-	-	74	-20.27	-	-	124	100	V
* 11.49	29.31	ADR	38.1	-21	.1	46.51	54	-7.49	-	-	-	-	124	100	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



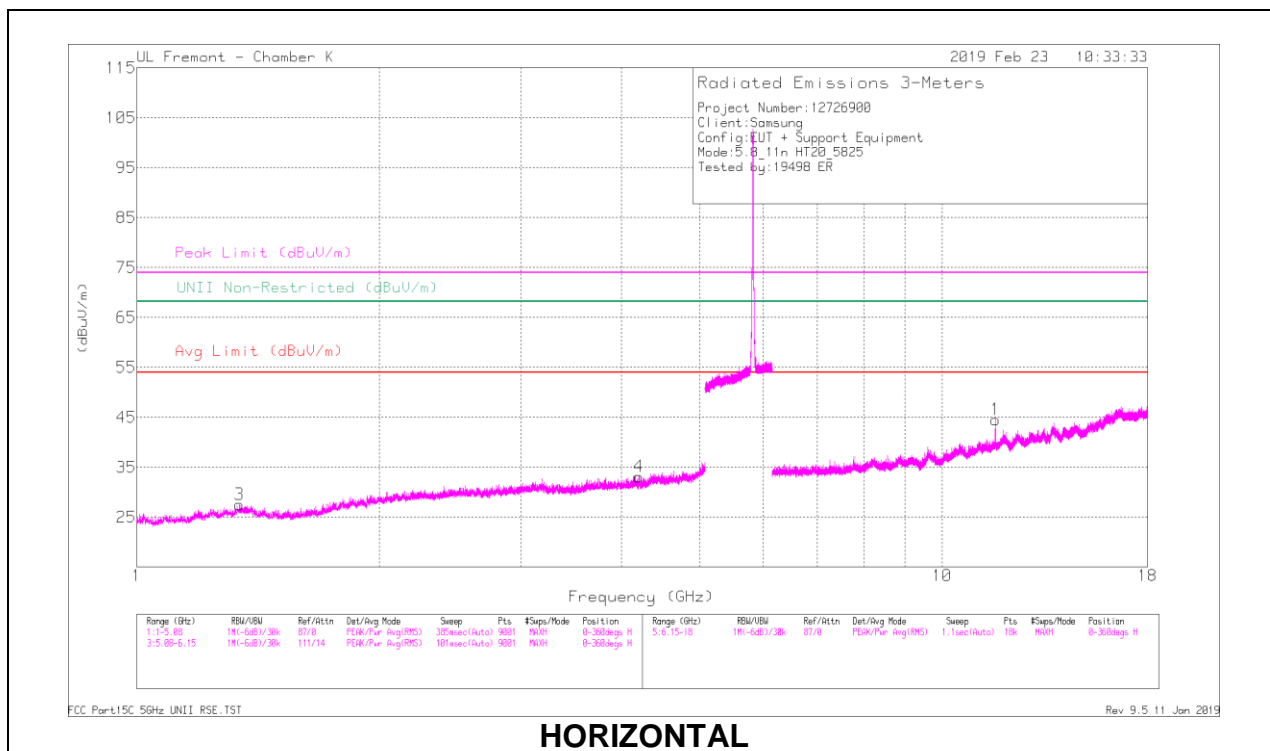
**VERTICAL**

**RADIATED EMISSIONS**

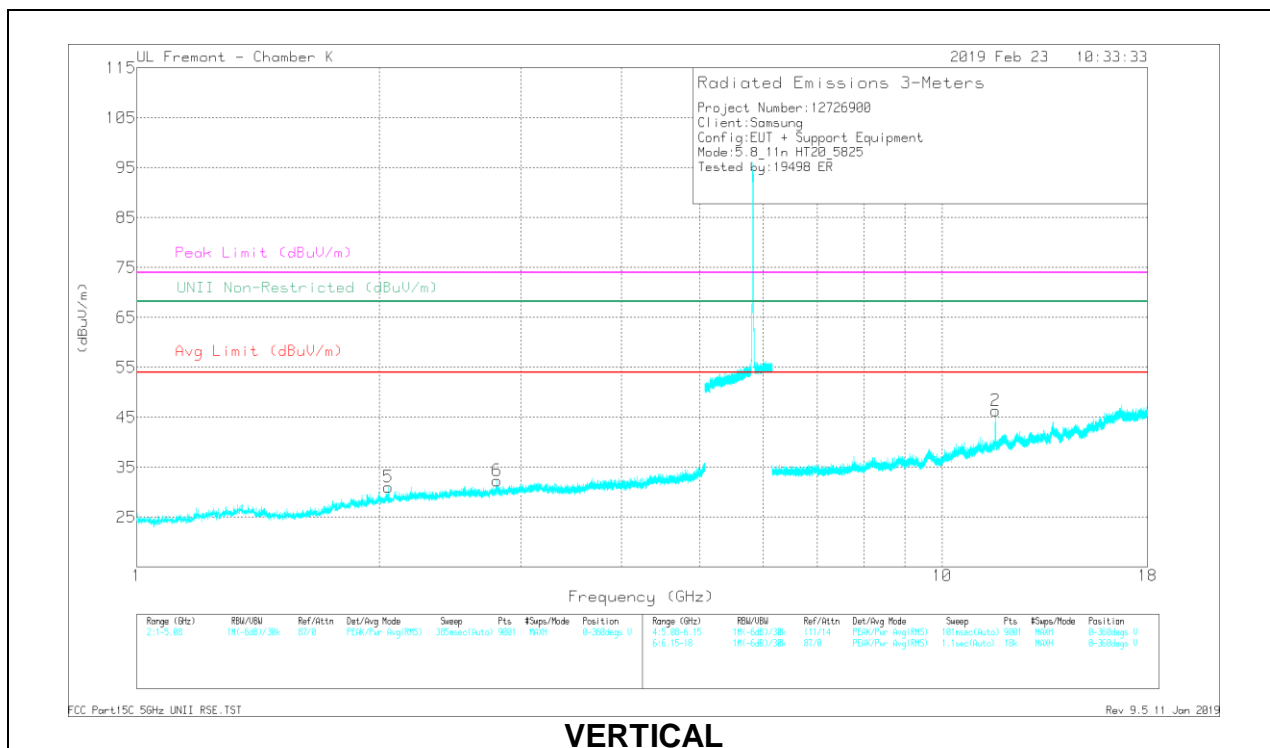
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T344 (dBm)	AmpCoef/FilterPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.236	41.41	PK-U	28.5	-35.2	0	34.71	-	-	74	-39.29	-	-	52	150	H
* 1.236	30.69	ADR	28.5	-35.2	.1	24.09	54	-29.91	-	-	-	-	52	150	H
* 3.881	38.54	PK-U	33.4	-31.8	0	40.14	-	-	74	-33.86	-	-	205	132	H
* 3.881	27.17	ADR	33.4	-31.8	.1	28.87	54	-25.13	-	-	-	-	205	132	H
* 1.566	38.67	PK-U	28.1	-35.2	0	31.57	-	-	74	-42.43	-	-	137	187	V
* 1.566	30.43	ADR	28.1	-35.3	.1	23.33	54	-30.67	-	-	-	-	137	187	V
* 2.773	38.59	PK-U	32.3	-34.6	0	36.29	-	-	74	-37.71	-	-	58	258	V
* 2.773	30.4	ADR	32.3	-34.6	.1	28.2	54	-25.8	-	-	-	-	58	258	V
* 11.57	33.07	PK-U	38.1	-20.9	0	50.27	-	-	74	-23.73	-	-	116	102	H
* 11.57	23.77	ADR	38.1	-20.9	.1	41.07	54	-12.93	-	-	-	-	116	102	H
* 11.57	37.86	PK-U	38.1	-20.9	0	55.06	-	-	74	-18.94	-	-	119	106	V
* 11.57	28.39	ADR	38.1	-20.9	.1	45.69	54	-8.31	-	-	-	-	119	106	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Co/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.341	40.21	PK-U	29.3	-35.3	0	34.21	-	-	74	-39.79	-	-	201	235	H
* 1.341	30.33	ADR	29.3	-35.3	.1	24.43	54	-29.57	-	-	-	-	201	235	H
* 4.205	36.88	PK-U	33.3	-30.7	0	30.48	-	-	74	-34.52	-	-	283	183	H
* 4.205	27.31	ADR	33.3	-30.7	.1	30.01	54	-23.99	-	-	-	-	283	183	H
* 2.805	40.32	PK-U	32.4	-34.6	0	38.12	-	-	74	-35.88	-	-	202	392	V
* 2.803	31.03	ADR	32.4	-34.6	.1	28.93	54	-25.07	-	-	-	-	202	392	V
2.055	40.38	PK-U	31.3	-35.1	0	36.58	-	-	-	-	68.2	-31.62	9	108	V
* 11.65	34.61	PK-U	38.2	-20.8	0	52.01	-	-	74	-21.99	-	-	142	114	H
* 11.65	25.24	ADR	38.2	-20.8	.1	42.74	54	-11.26	-	-	-	-	142	114	H
* 11.649	37.04	PK-U	38.2	-20.8	0	54.44	-	-	74	-19.56	-	-	120	112	V
* 11.65	28.68	ADR	38.2	-20.8	.1	46.18	54	-7.82	-	-	-	-	120	112	V

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

PK-U - U-NII: Maximum Peak

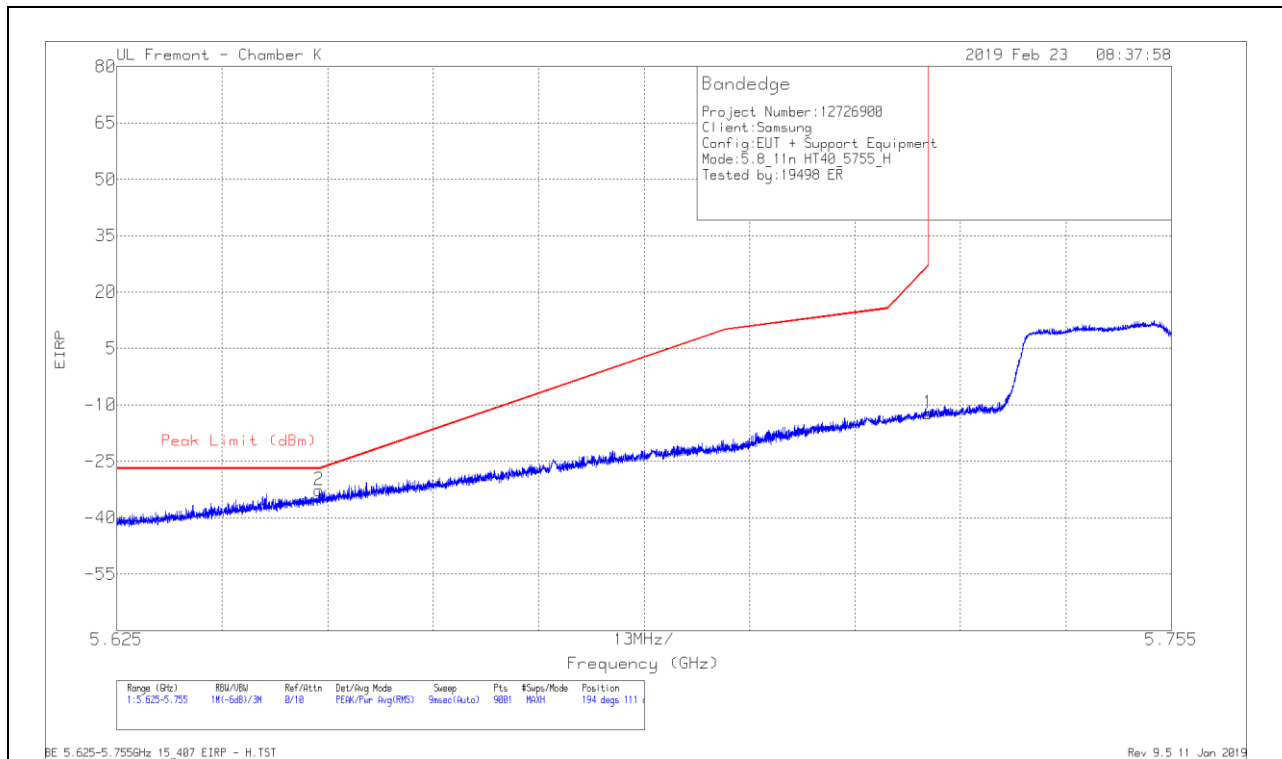
ADR - U-NII AD primary method, RMS average

**10.1.15. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

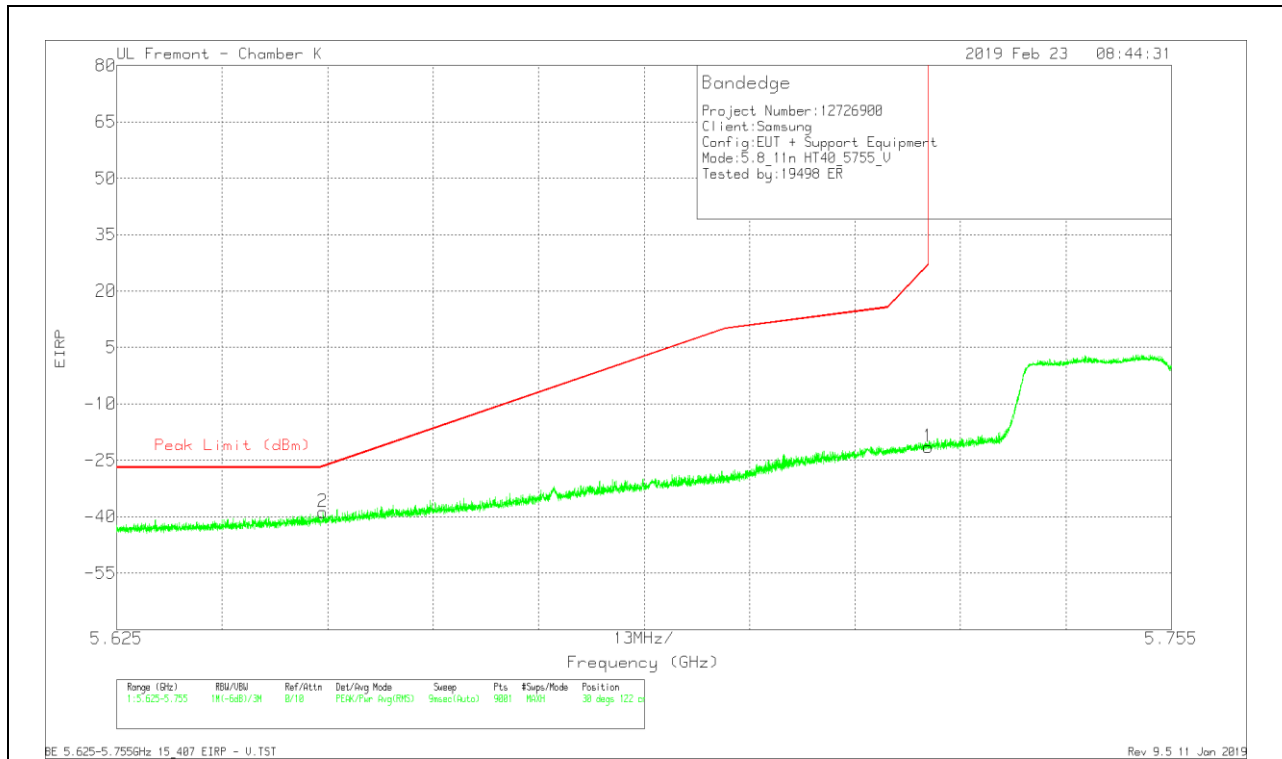
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-39.97	Pk	34.9	-19	11.8	-12.27	26.99	-39.26	194	111	H
2	5.65	-59.63	Pk	34.6	-19.4	11.8	-32.63	-27	-5.63	194	111	H

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

**VERTICAL RESULT**

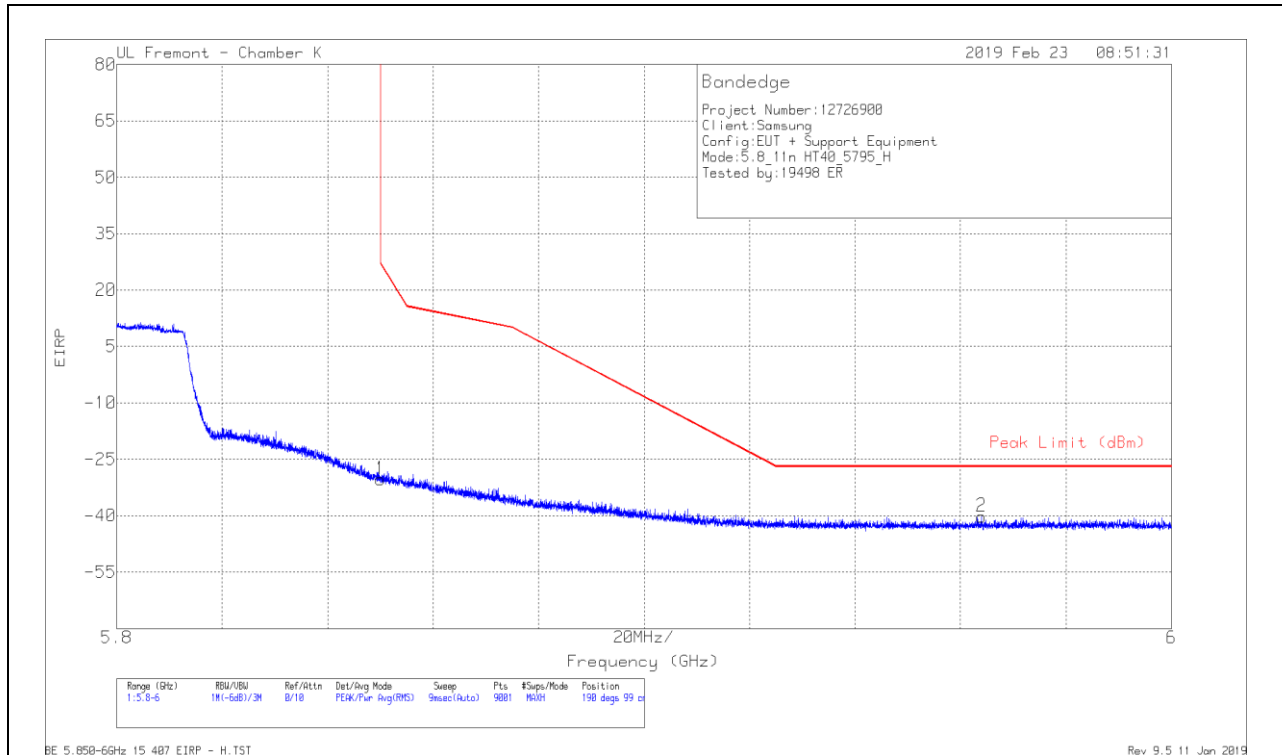


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-49.11	Pk	34.9	-19	11.8	-21.41	26.99	-48.4	30	122	V
2	5.65	-65.83	Pk	34.6	-19.4	11.8	-38.83	-26.69	-12.14	30	122	V

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

**BANDEDGE (HIGH CHANNEL)**

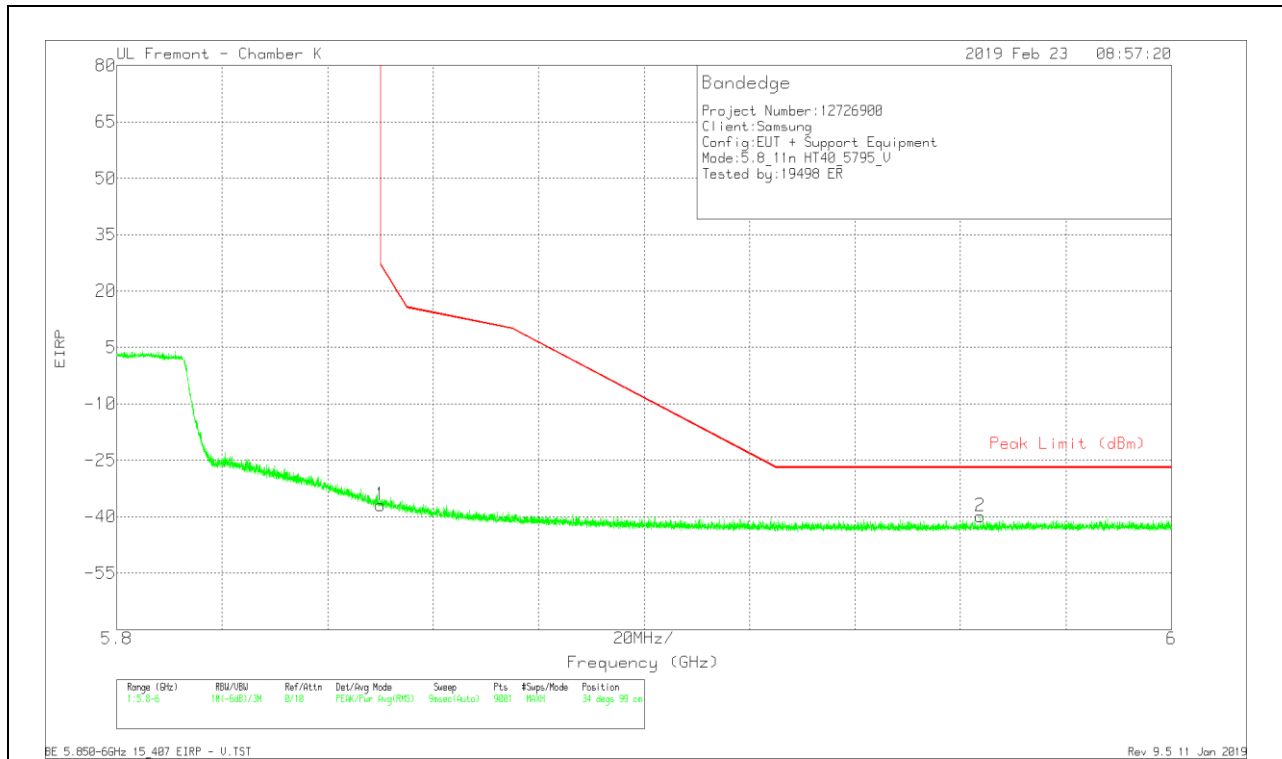
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.26	Pk	35	-18.9	11.8	-30.36	26.95	-57.31	190	99	H
2	5.964	-68.36	Pk	35.1	-18.7	11.8	-40.16	-27	-13.16	190	99	H

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

### VERTICAL RESULT

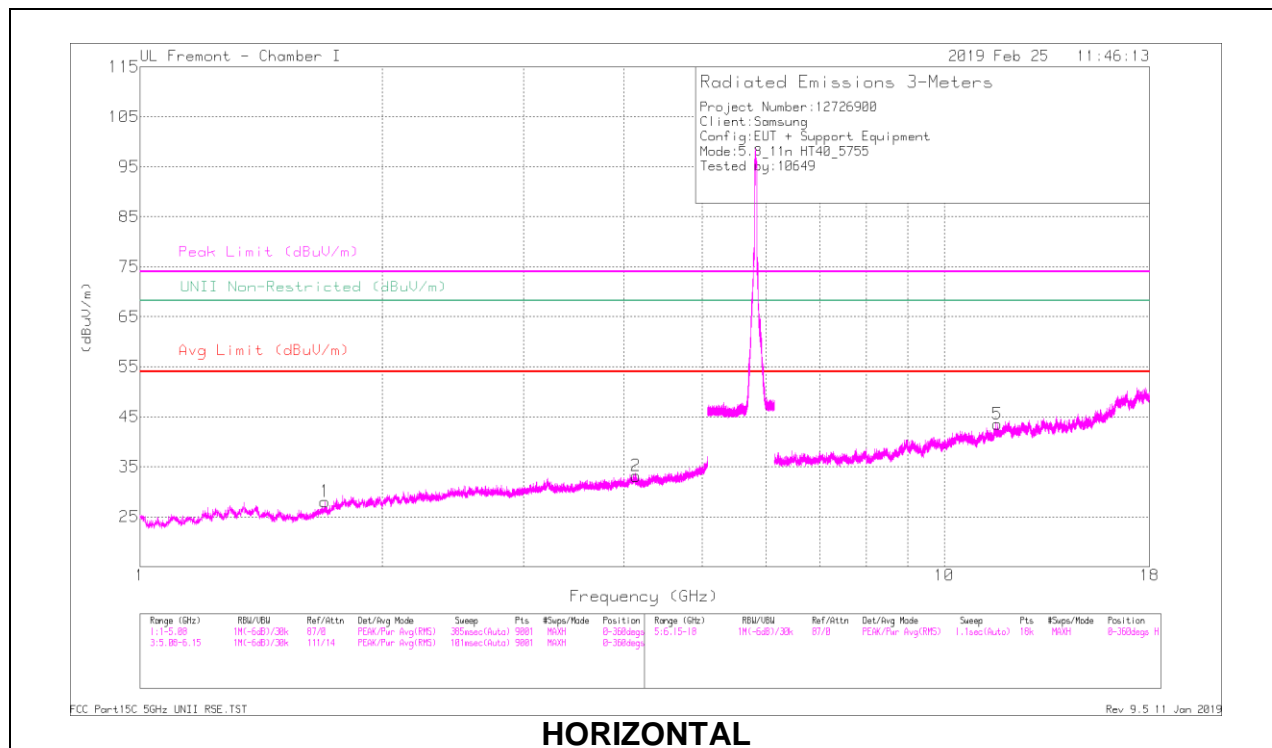


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.89	Pk	35	-18.9	11.8	-36.99	26.95	-63.94	34	99	V
2	5.964	-68.04	Pk	35.1	-18.7	11.8	-39.84	-27	-12.84	34	99	V

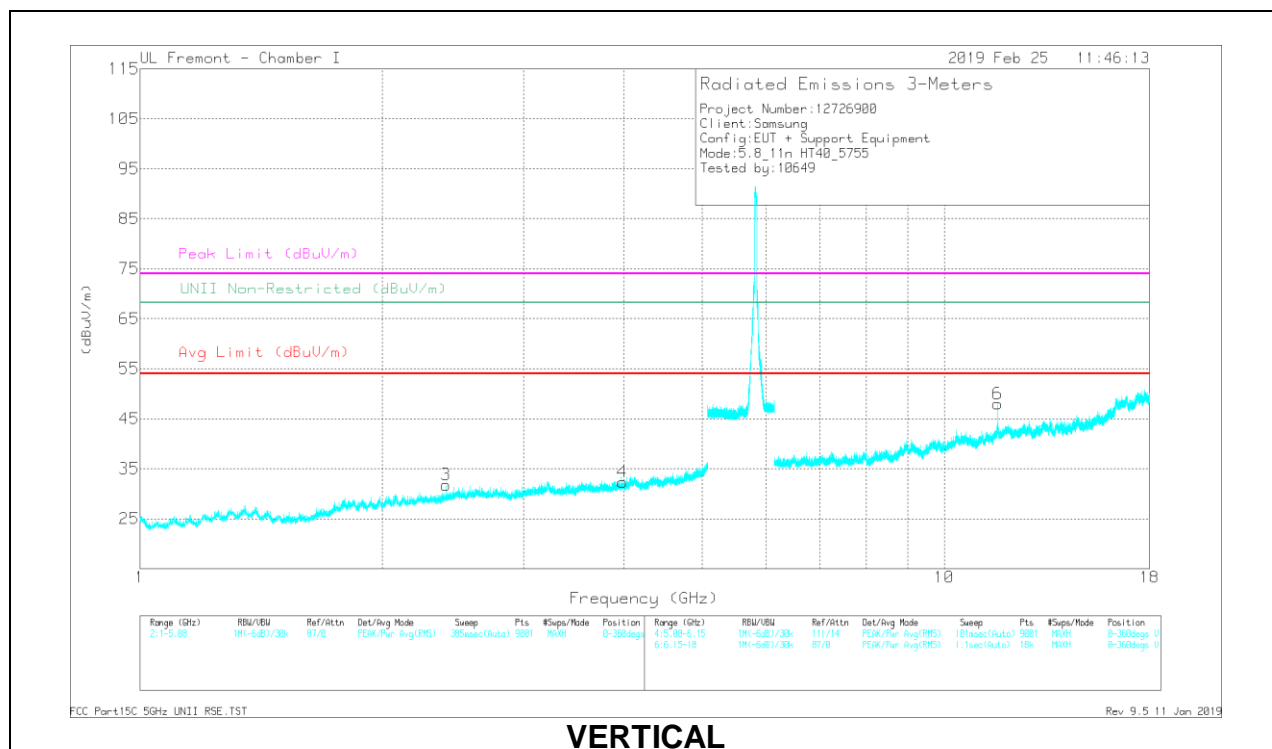
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



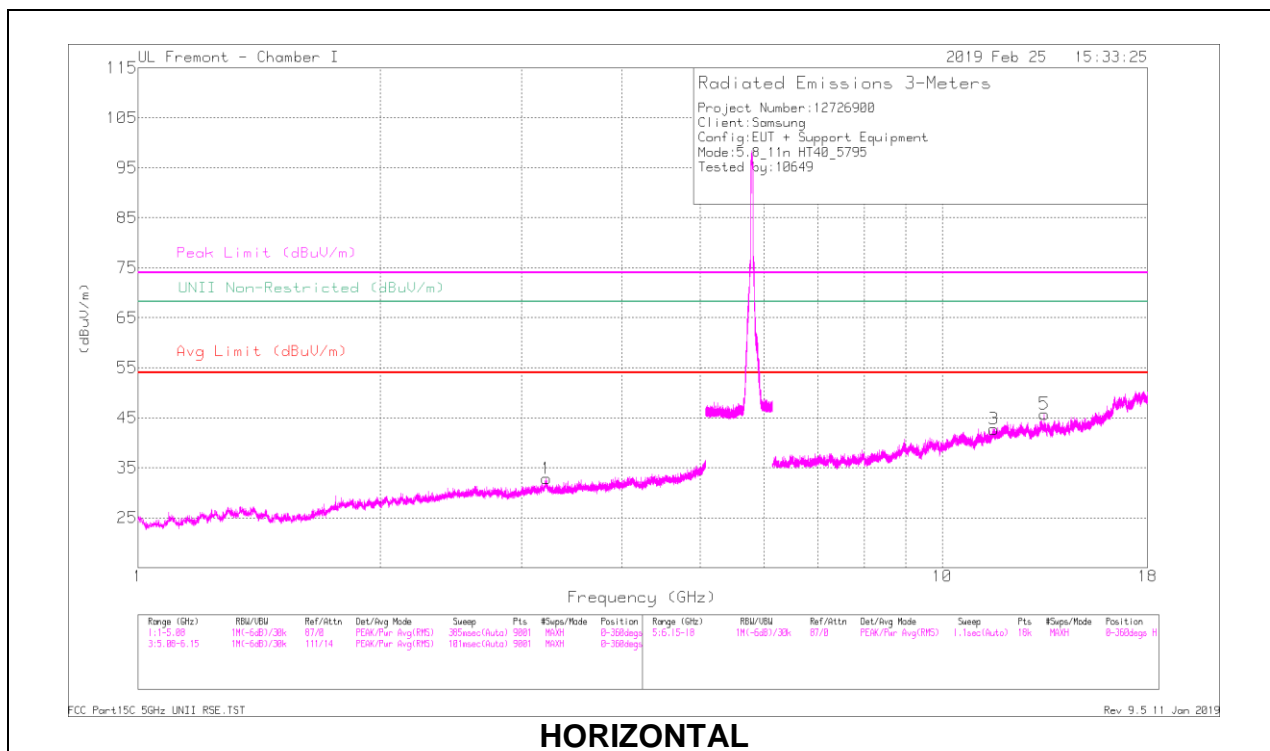
**VERTICAL**

**RADIATED EMISSIONS**

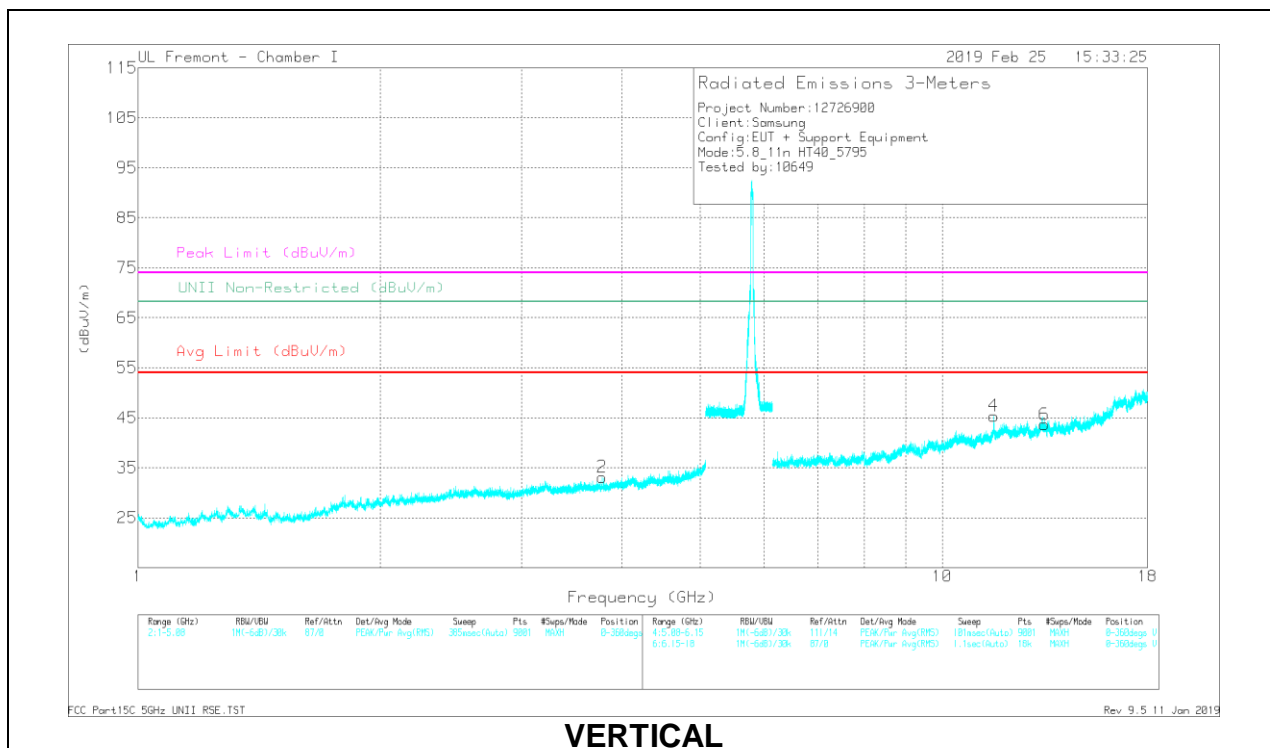
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF T862 (dBm)	AmpCblFilt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.699	37.48	PK-U	29.1	-33.1	0	33.48	-	-	74	-40.52	-	-	250	194	H
	* 1.699	28.3	ADR	29.1	-33.1	-19	24.49	54	-29.51	-	-	-	-	250	194	H
2	* 4.138	34.31	PK-U	33.4	-28	0	33.71	-	-	74	-34.29	-	-	270	173	H
	* 4.138	25.39	ADR	33.5	-27.9	-19	31.18	54	-22.82	-	-	-	-	270	173	H
3	2.402	37.77	PK-U	32	-31.8	0	37.97	-	-	-	-	68.2	-30.23	25	120	V
4	* 3.981	36.74	PK-U	33.3	-29.5	0	40.54	-	-	74	-33.46	-	-	154	109	V
	* 3.981	25.91	ADR	33.3	-29.5	-19	29.9	54	-24.1	-	-	-	-	154	109	V
5	* 11.65	28.45	PK-U	38.4	-16.7	0	50.15	-	-	74	-23.85	-	-	281	141	H
	* 11.65	19.98	ADR	38.4	-16.7	-19	41.87	54	-12.13	-	-	-	-	281	141	H
6	* 11.65	31.41	PK-U	38.4	-16.7	0	53.11	-	-	74	-20.89	-	-	227	113	V
	* 11.65	23.73	ADR	38.4	-16.7	-19	45.62	54	-8.38	-	-	-	-	227	113	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/ChnFltr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.219	36	PK-U	33.2	-29.8	0	39.4	-	-	-	-	68.2	-28.8	126	213	H
2	* 3.779	35.54	PK-U	33	-29.4	0	39.14	-	-	74	-34.86	-	-	200	129	V
	* 3.779	25.67	ADR	33.1	-29.5	19	29.46	54	-24.54	-	-	-	-	200	129	V
3	* 11.59	27.9	PK-U	38.3	-16.6	0	49.6	-	-	74	-24.4	-	-	112	104	H
	* 11.59	19.1	ADR	38.3	-16.6	19	40.99	54	-13.01	-	-	-	-	112	104	H
5	* 13.394	27.75	PK-U	39.6	-16.9	0	50.45	-	-	74	-23.55	-	-	145	304	H
	* 13.393	18.47	ADR	39.6	-16.9	19	41.36	54	-12.64	-	-	-	-	145	304	H
4	* 11.59	32.24	PK-U	38.3	-16.6	0	53.94	-	-	74	-20.06	-	-	44	105	V
	* 11.59	23.26	ADR	38.3	-16.6	19	45.15	54	-8.85	-	-	-	-	44	105	V
6	* 13.395	28.06	PK-U	39.6	-16.9	0	50.76	-	-	74	-23.24	-	-	44	105	V
	* 13.396	18.36	ADR	39.6	-16.9	19	41.25	54	-12.75	-	-	-	-	44	105	V

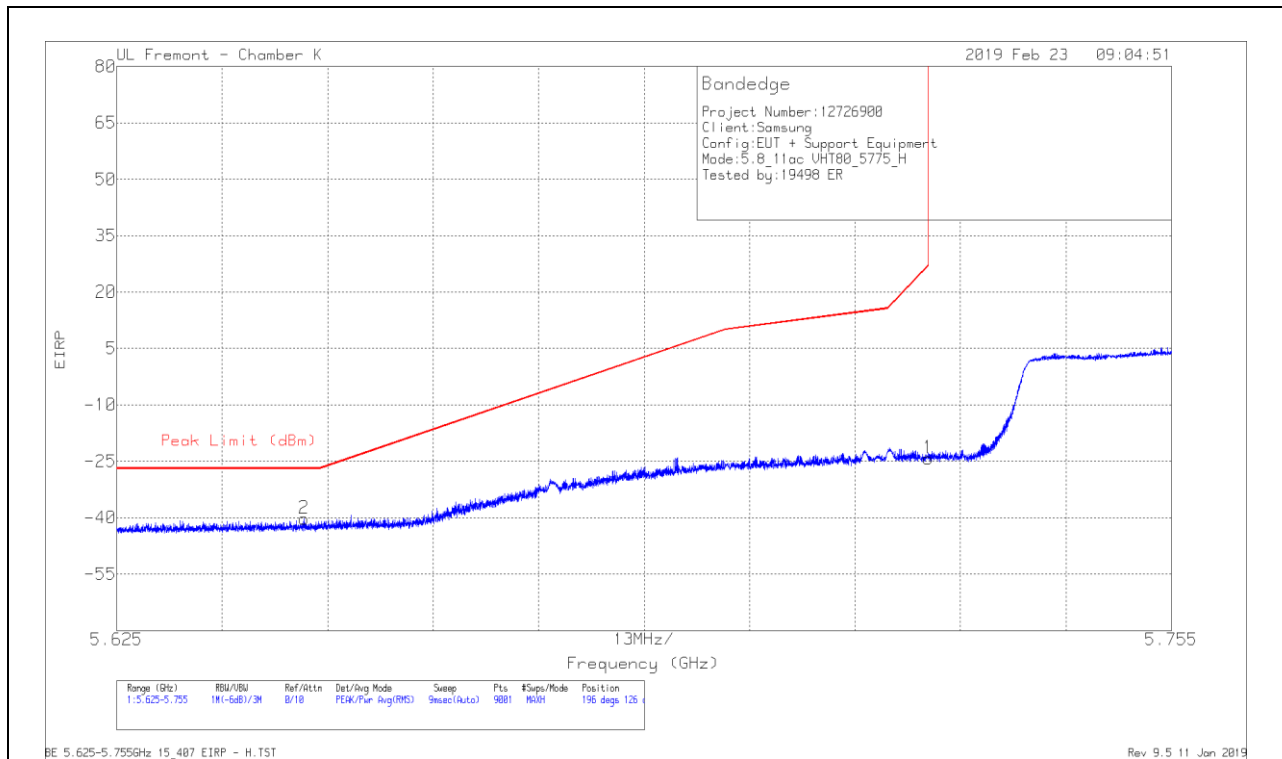
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.16. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (CHANNEL 155 LOW EDGE)**

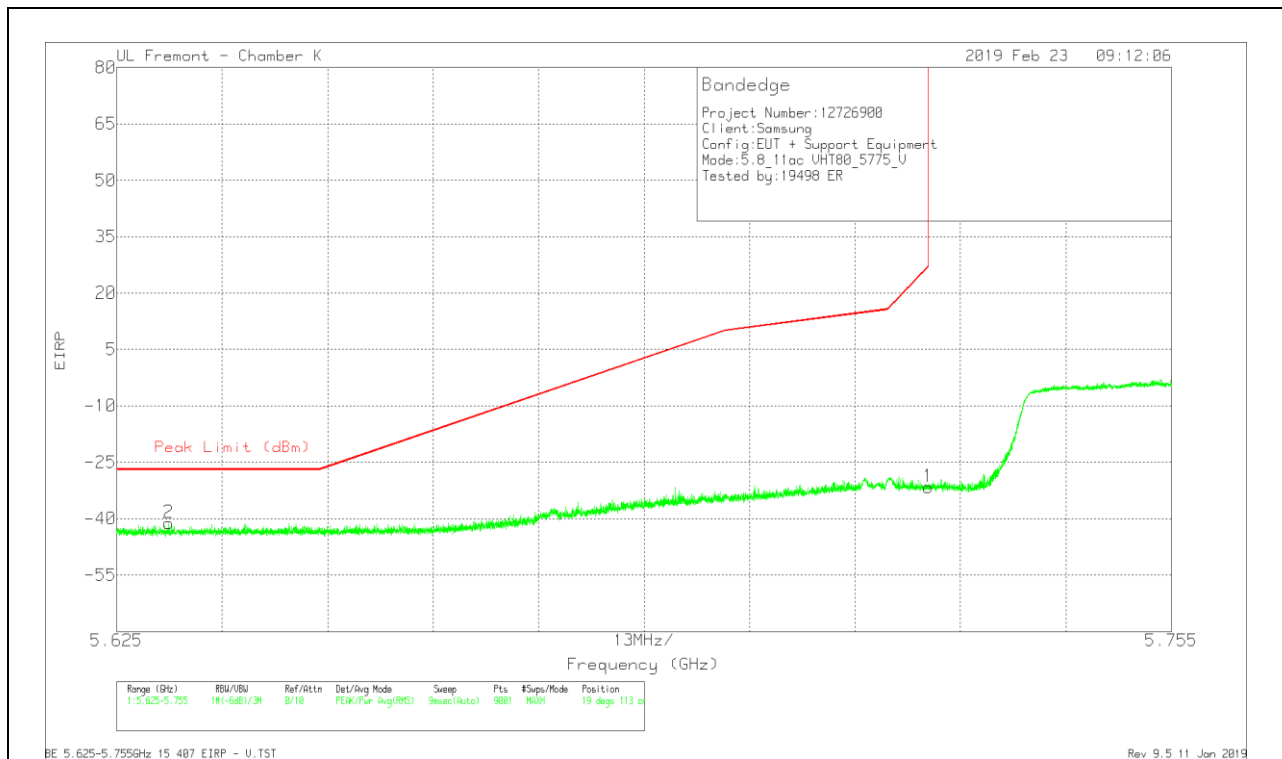
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.85	Pk	34.9	-19	11.8	-24.15	26.99	-51.14	196	126	H
2	5.648	-67.29	Pk	34.6	-19.4	11.8	-40.29	-27	-13.29	196	126	H

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

### VERTICAL RESULT

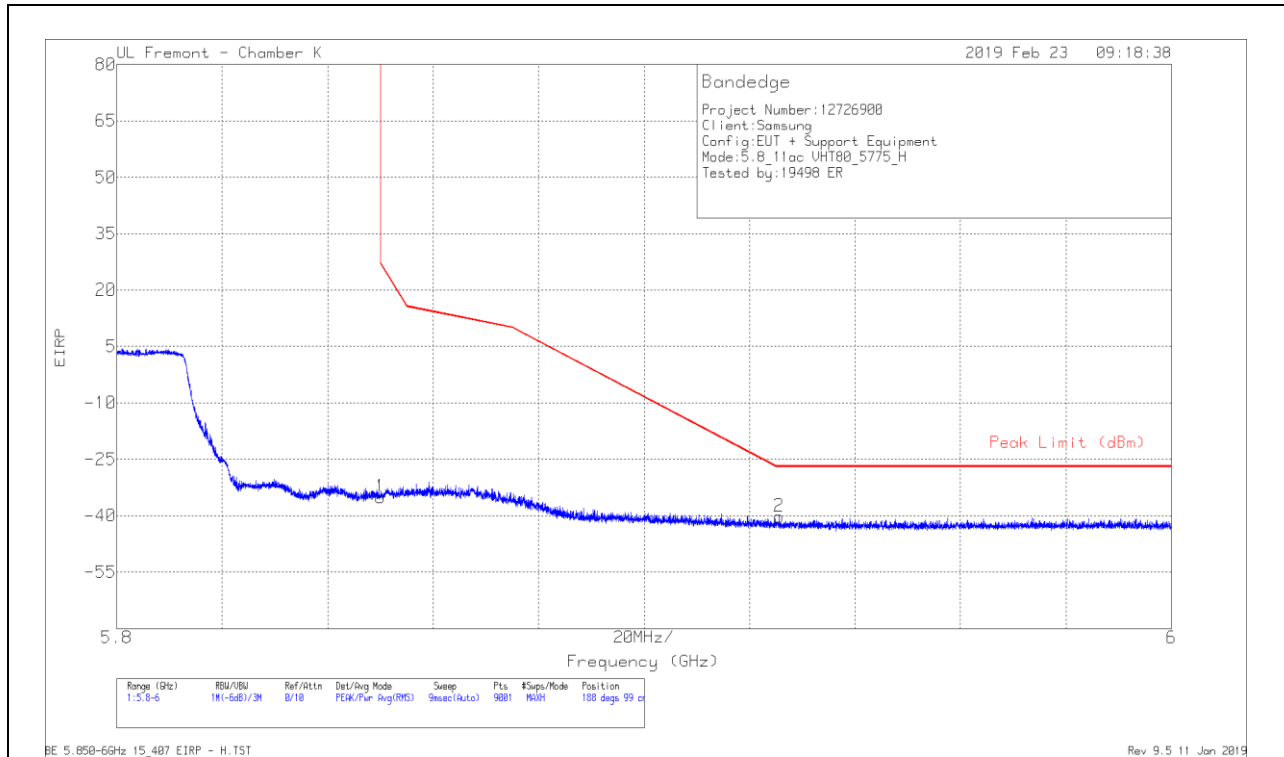


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.33	Pk	34.9	-19	11.8	-31.63	26.99	-58.62	19	113	V
2	5.631	-68.11	Pk	34.6	-19.5	11.8	-41.21	-27	-14.21	19	113	V

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

**BANDEDGE (CHANNEL 155 HIGH EDGE)**

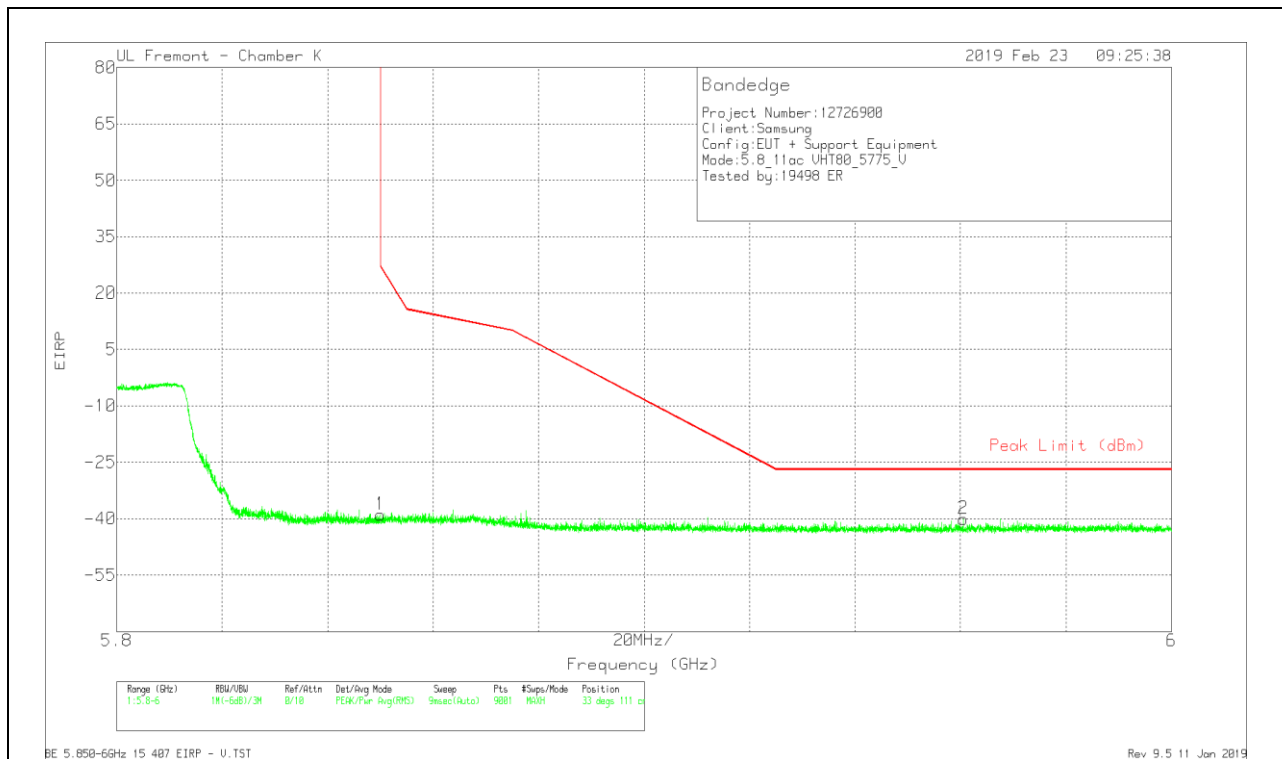
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.93	Pk	35	-18.9	11.8	-35.03	26.95	-61.98	188	99	H
2	5.926	-68.36	Pk	35.1	-18.8	11.8	-40.26	-27	-13.26	188	99	H

Pk - Peak detector

### VERTICAL RESULT

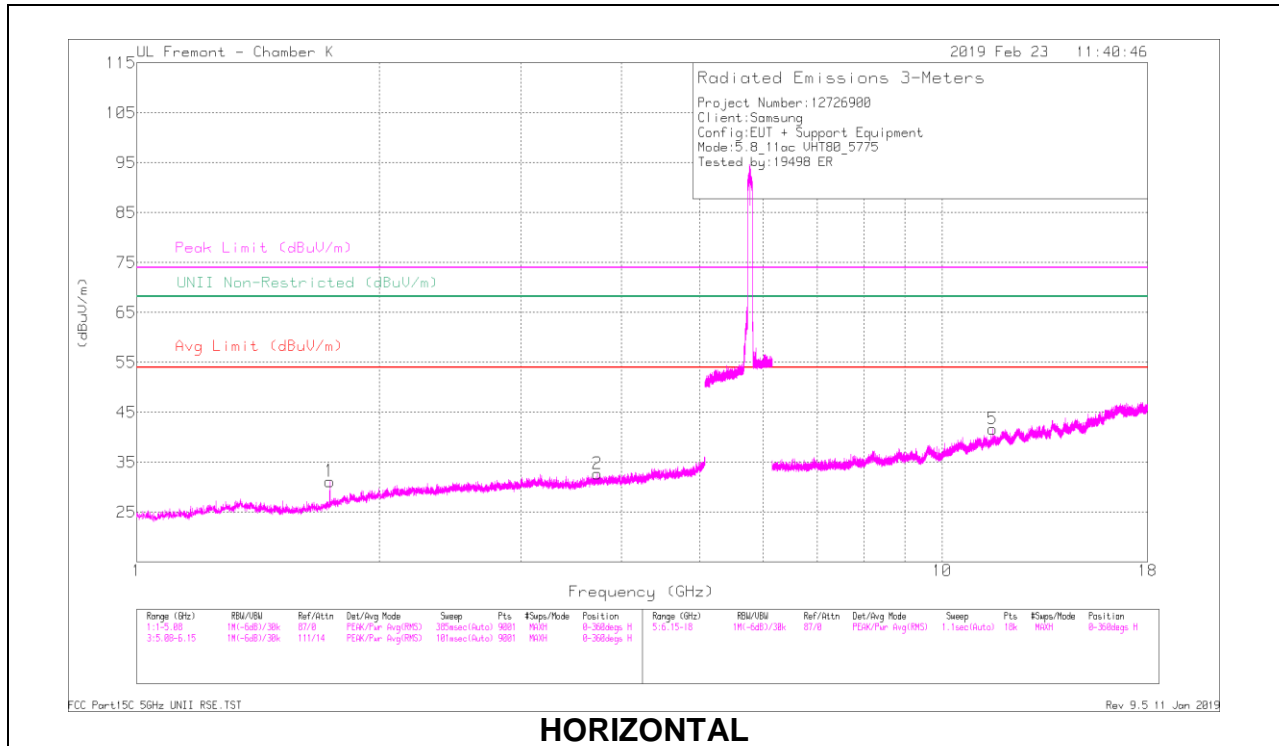


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Filtr /Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.86	Pk	35	-18.9	11.8	-38.96	26.95	-65.91	33	111	V
2	5.961	-68.24	Pk	35.1	-18.7	11.8	-40.04	-27	-13.04	33	111	V

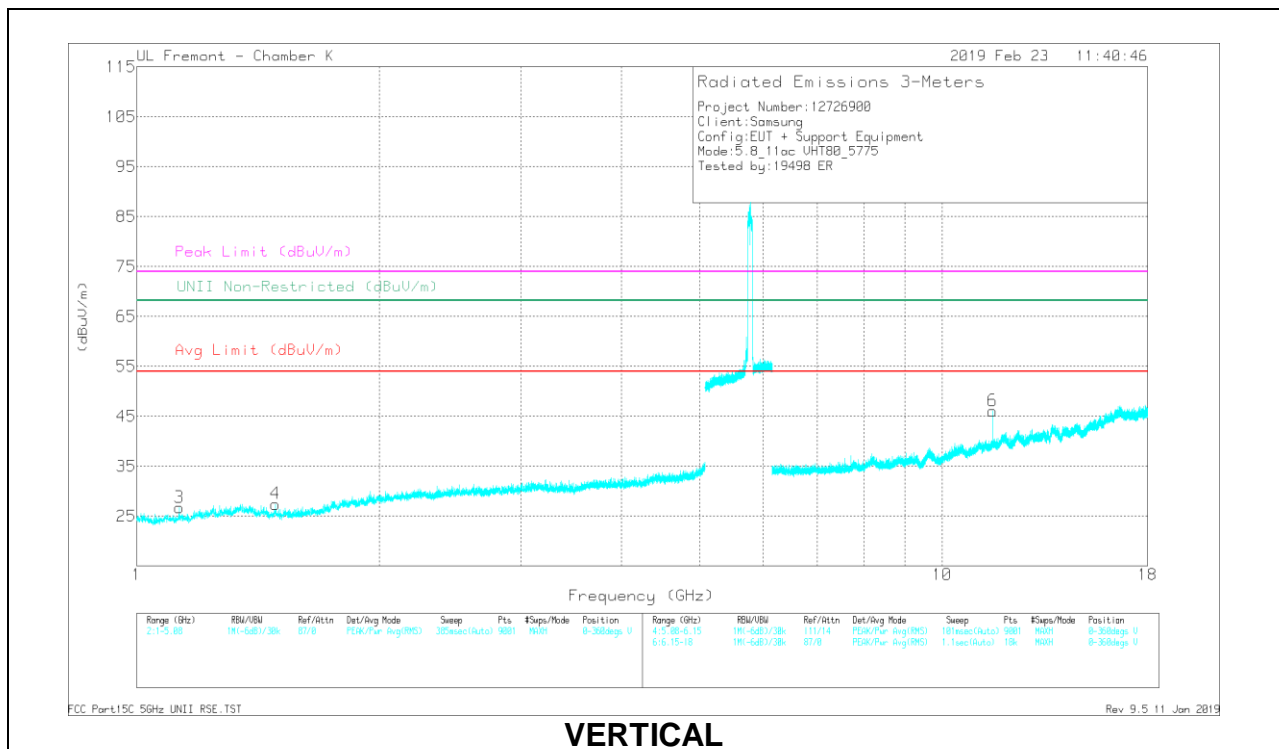
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T344 (dBm)	AmpCoef/FilterPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.737	38.18	PK-U	29.4	-35.3	0	32.28	-	-	-	-	68.2	-35.92	145	153	H
* 3.73	38.3	PK-U	33.3	-32	0	39.6	-	-	74	-34.4	-	-	259	126	H
* 3.73	27.75	ADR	33.3	-32	.44	29.49	54	-24.51	-	-	-	-	259	126	H
* 1.13	38.86	PK-U	27.4	-35	0	31.26	-	-	74	-42.74	-	-	172	222	V
* 1.13	30.81	ADR	27.4	-35	.44	23.65	54	-30.35	-	-	-	-	172	222	V
* 1.487	41.03	PK-U	28.2	-35.2	0	34.03	-	-	74	-39.97	-	-	317	134	V
* 1.487	29.93	ADR	28.2	-35.2	.44	23.37	54	-30.63	-	-	-	-	317	134	V
* 11.55	31.27	PK-U	38.1	-21	0	48.37	-	-	74	-25.63	-	-	149	108	H
* 11.55	22.85	ADR	38.1	-21	.44	39.89	54	-14.11	-	-	-	-	149	108	H
* 11.55	32.93	PK-U	38.1	-21	0	50.03	-	-	74	-23.97	-	-	107	101	V
* 11.55	26.86	ADR	38.1	-21	.44	44.4	54	-9.6	-	-	-	-	107	101	V

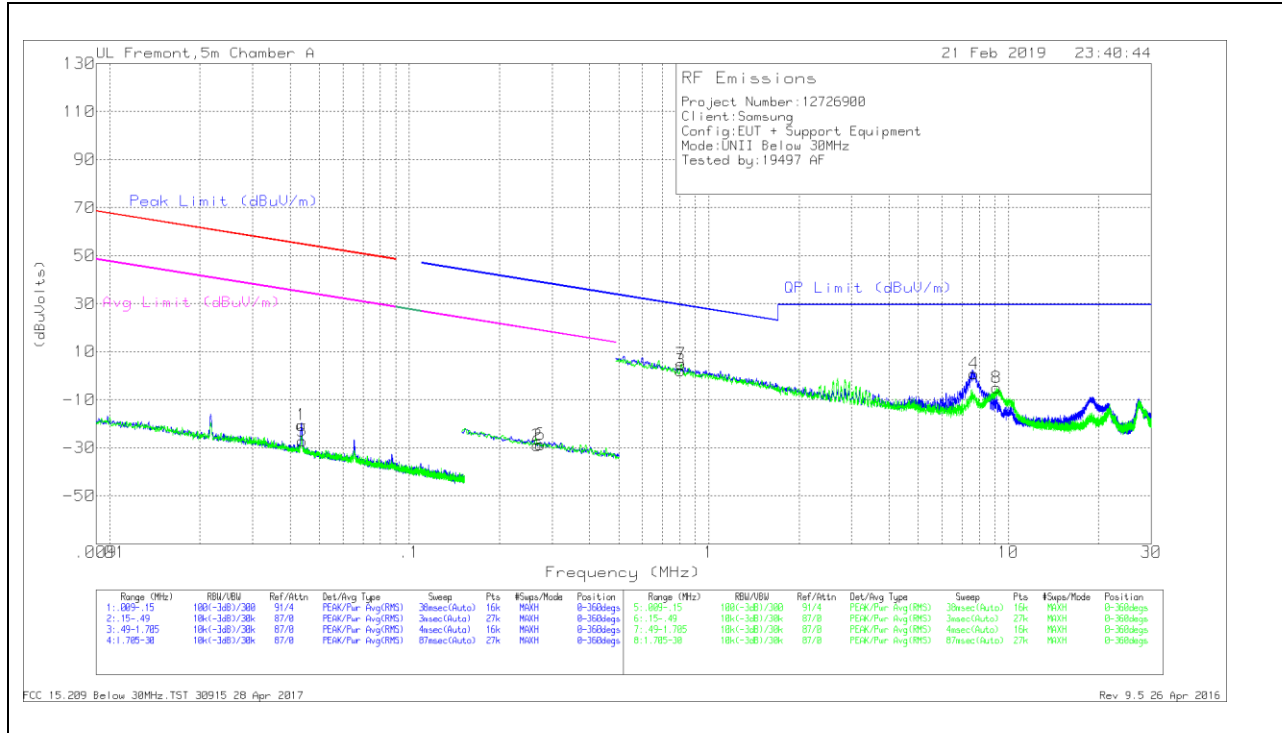
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.2. WORST CASE BELOW 30MHZ

### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)





**Below 30MHz Data**

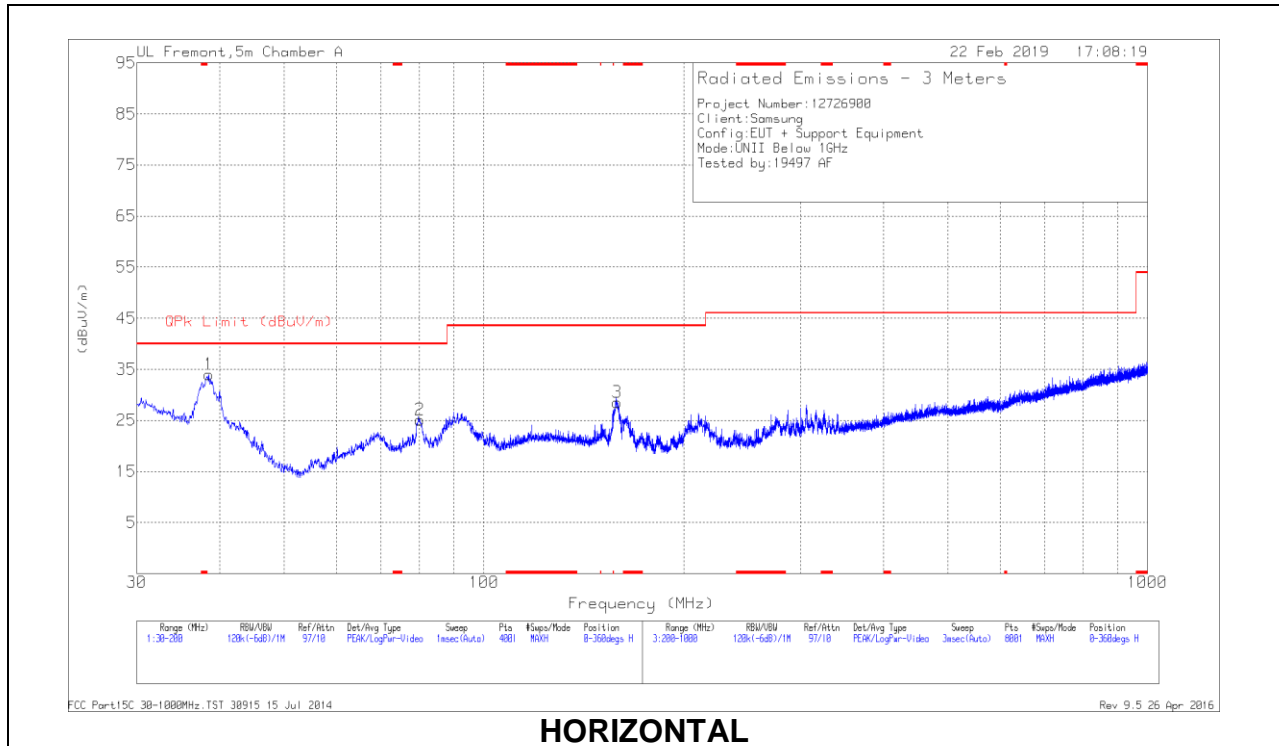
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0437	46.15	Pk	13.3	0	-80	-20.55	54.77	-75.32	34.77	-55.32	-	-	-	-	0-360
5	.0439	39.54	Pk	13.3	0	-80	-27.16	54.74	-81.9	34.74	-61.9	-	-	-	-	0-360
2	.26742	39.79	Pk	11	.1	-80	-29.11	-	-	-	-	39.07	-68.18	19.07	-48.18	0-360
6	.27394	40.28	Pk	11	.1	-80	-28.62	-	-	-	-	38.86	-67.48	18.86	-47.48	0-360

**Pk - Peak detector**

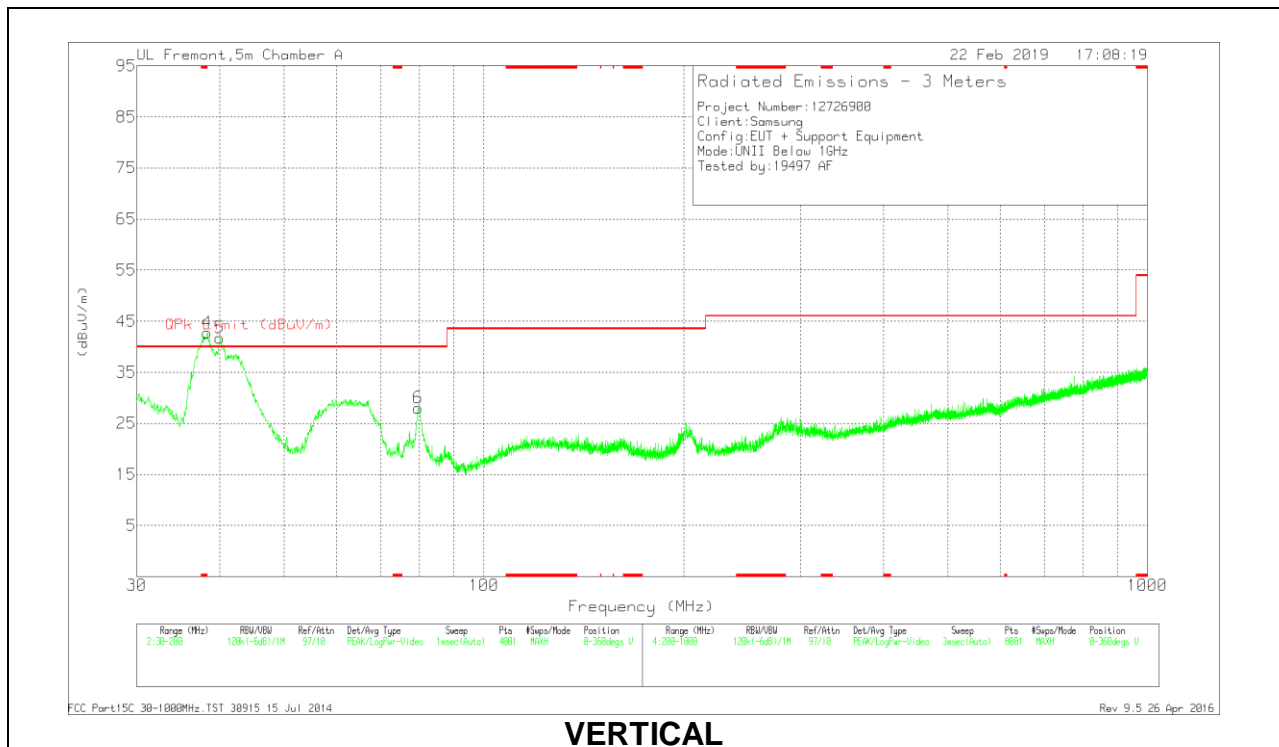
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.80418	31.05	Pk	11	.1	-40	2.15	29.51	-27.36	0-360
7	.80878	33.81	Pk	11	.1	-40	4.91	29.46	-24.55	0-360
4	7.68174	29.52	Pk	10.9	.4	-40	.82	29.5	-28.68	0-360
8	9.15314	23.86	Pk	10.7	.4	-40	-5.04	29.5	-34.54	0-360

**Pk - Peak detector**

### 10.3. WORST CASE BELOW 1 GHZ



**HORIZONTAL**



**VERTICAL**

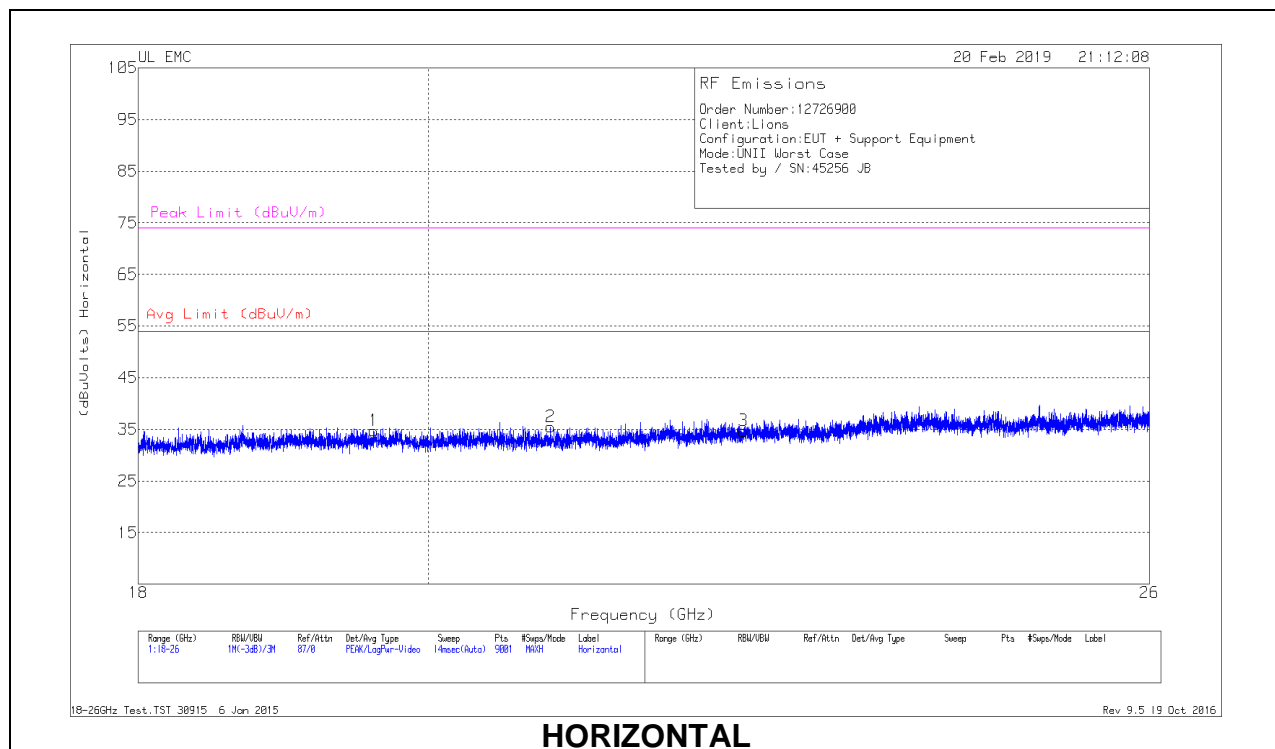
**Below 1GHz DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	38.313	44.41	Qp	20.8	-27.1	38.11	40	-1.89	312	127	V
1	38.5	40.35	Pk	20.7	-27.1	33.95	40	-6.05	0-360	300	H
5	40.0756	44.2	Qp	19.4	-27.1	36.5	40	-3.5	149	113	V
6	79.64	41.12	Pk	13.4	-26.5	28.02	40	-11.98	0-360	100	V
2	80.065	38.17	Pk	13.4	-26.5	25.07	40	-14.93	0-360	200	H
3	158.945	35.92	Pk	18.2	-25.6	28.52	43.52	-15	0-360	200	H

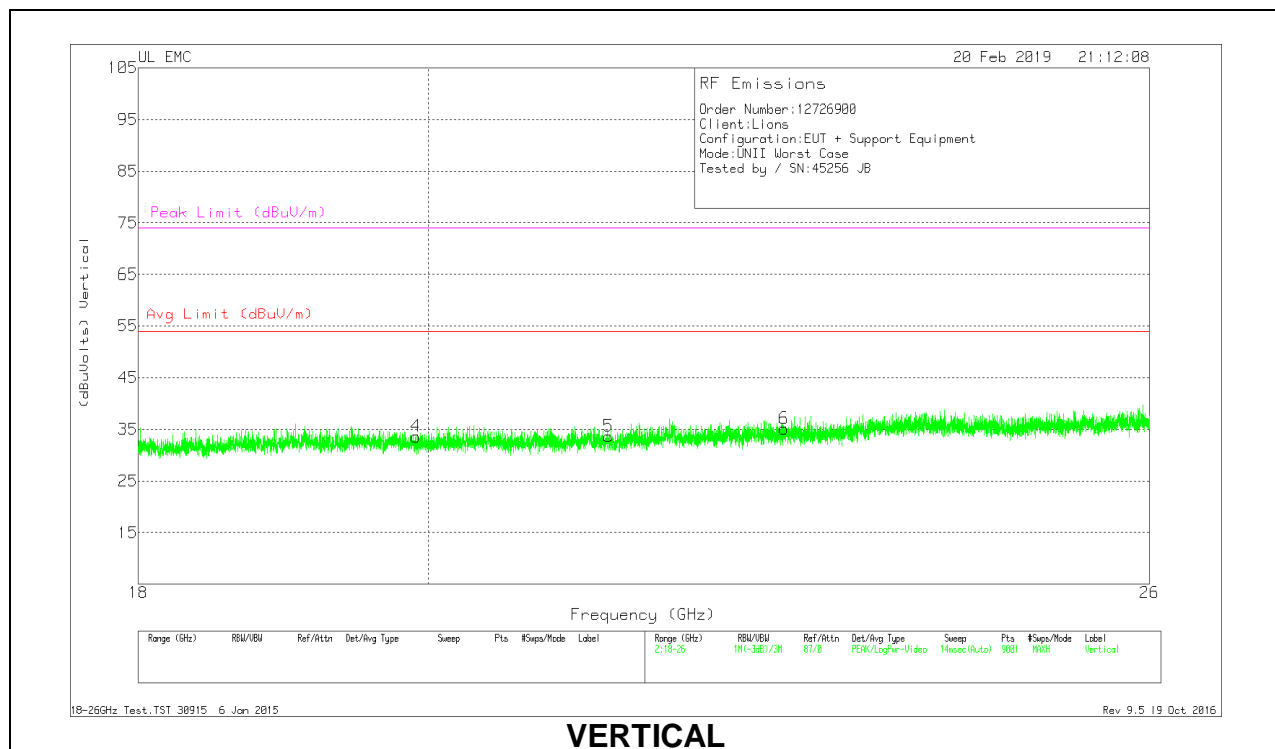
Pk - Peak detector

Qp - Quasi-Peak detector

**10.4. WORST CASE 18-26 GHZ**



**HORIZONTAL**



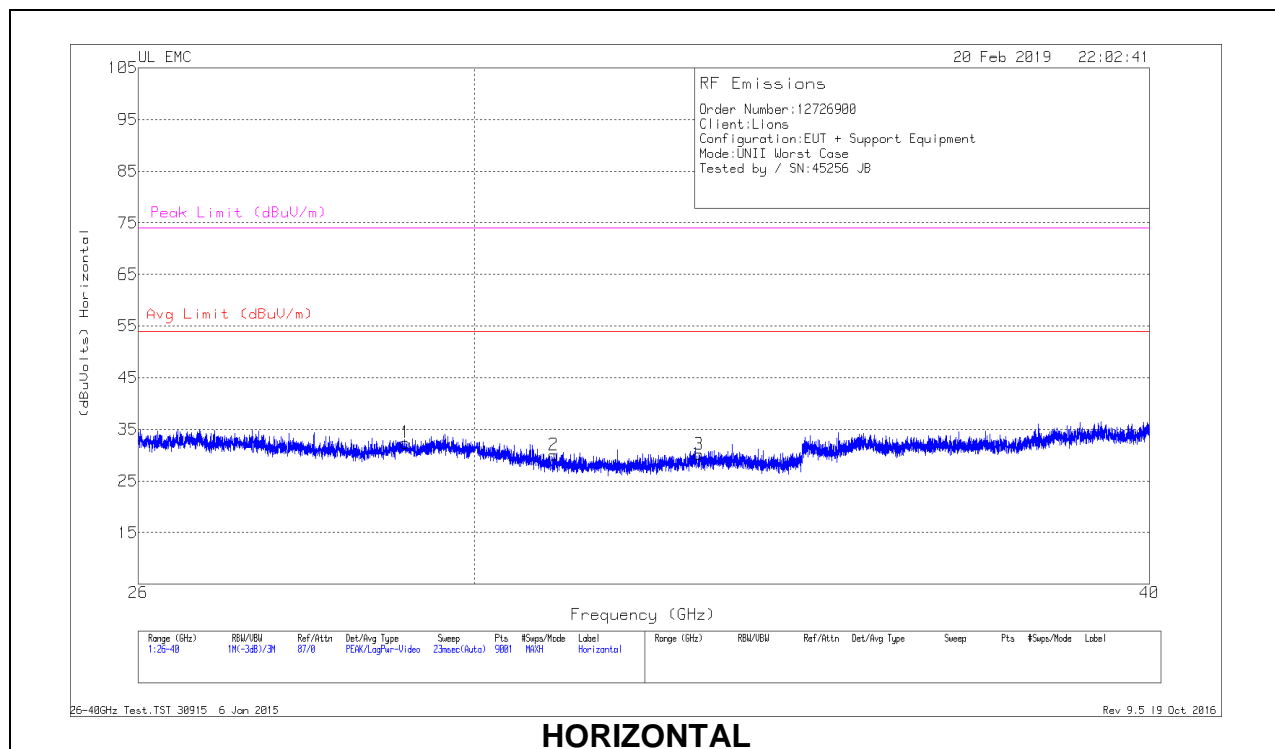
**VERTICAL**

**18 – 26GHz DATA**

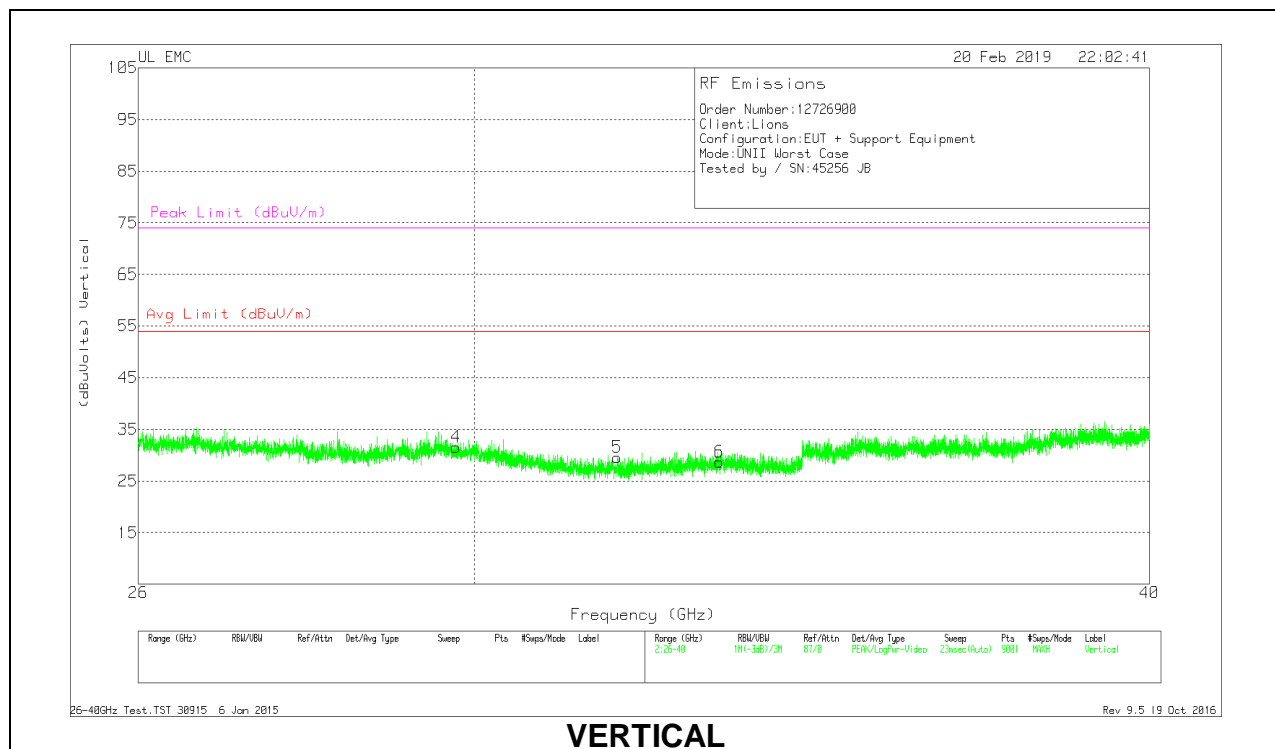
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.608	36.5	Pk	32.8	-25.1	-9.5	34.7	54	-19.3	74	-39.3
2	20.911	37.04	Pk	33.1	-25.2	-9.5	35.44	54	-18.56	74	-38.56
3	22.43	35.56	Pk	33.5	-24.9	-9.5	34.66	54	-19.34	74	-39.34
4	19.913	35.49	Pk	32.7	-25.1	-9.5	33.59	54	-20.41	74	-40.41
5	21.356	35.66	Pk	33	-25.5	-9.5	33.66	54	-20.34	74	-40.34
6	22.764	35.82	Pk	33.5	-24.7	-9.5	35.12	54	-18.88	74	-38.88

Pk - Peak detector

### 10.5. WORST CASE 26-40 GHZ



**HORIZONTAL**



**VERTICAL**

**26 – 40GHz DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 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	29.136	38.18	Pk	35.9	-32.2	-9.5	32.38	54	-21.62	74	-41.62
2	31.032	36.35	Pk	35.9	-32.7	-9.5	30.05	54	-23.95	74	-43.95
3	33.014	35.63	Pk	36.7	-32.7	-9.5	30.13	54	-23.87	74	-43.87
4	29.766	37.54	Pk	36.1	-32.6	-9.5	31.54	54	-22.46	74	-42.46
5	31.883	35.54	Pk	36.3	-32.8	-9.5	29.54	54	-24.46	74	-44.46
6	33.3	34.07	Pk	37	-32.9	-9.5	28.67	54	-25.33	74	-45.33

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.

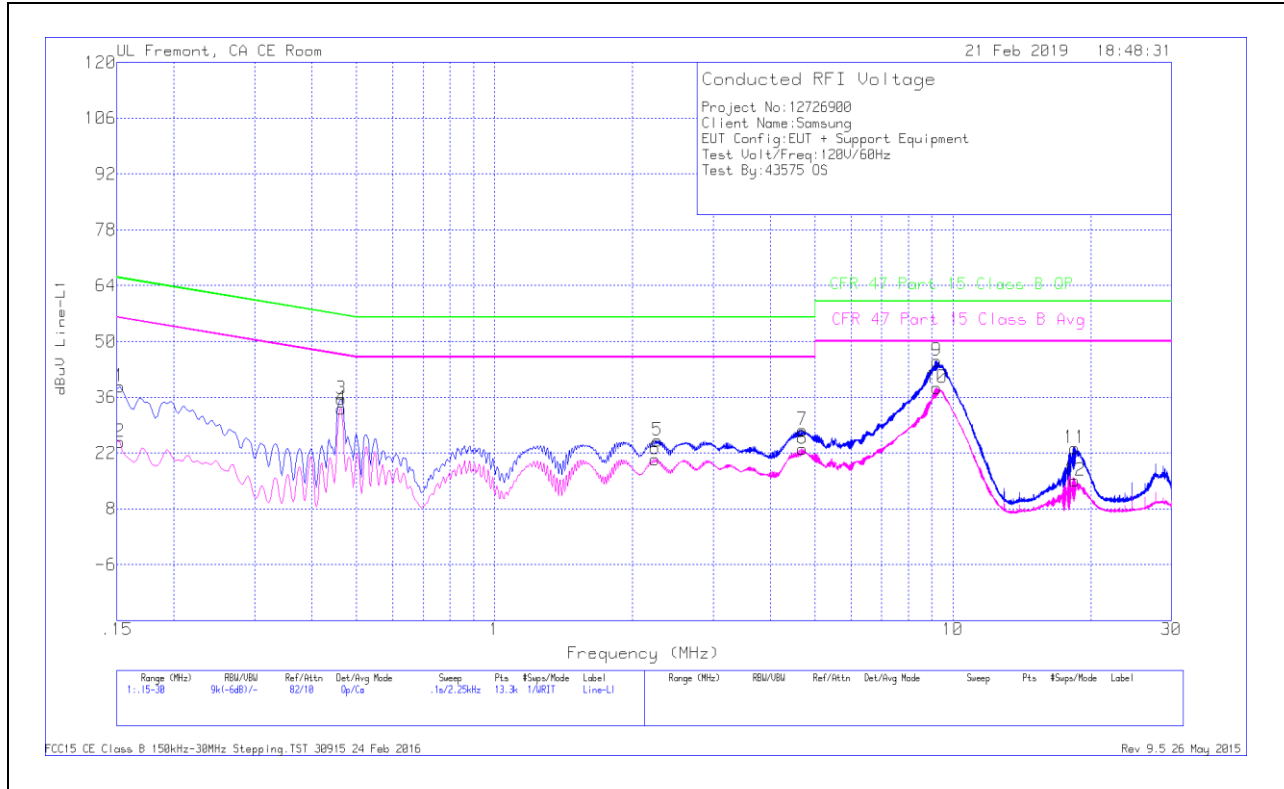
Line conducted data is recorded for both NEUTRAL and HOT lines.

### RESULTS



AC Power Line Norm

LINE 1 RESULTS

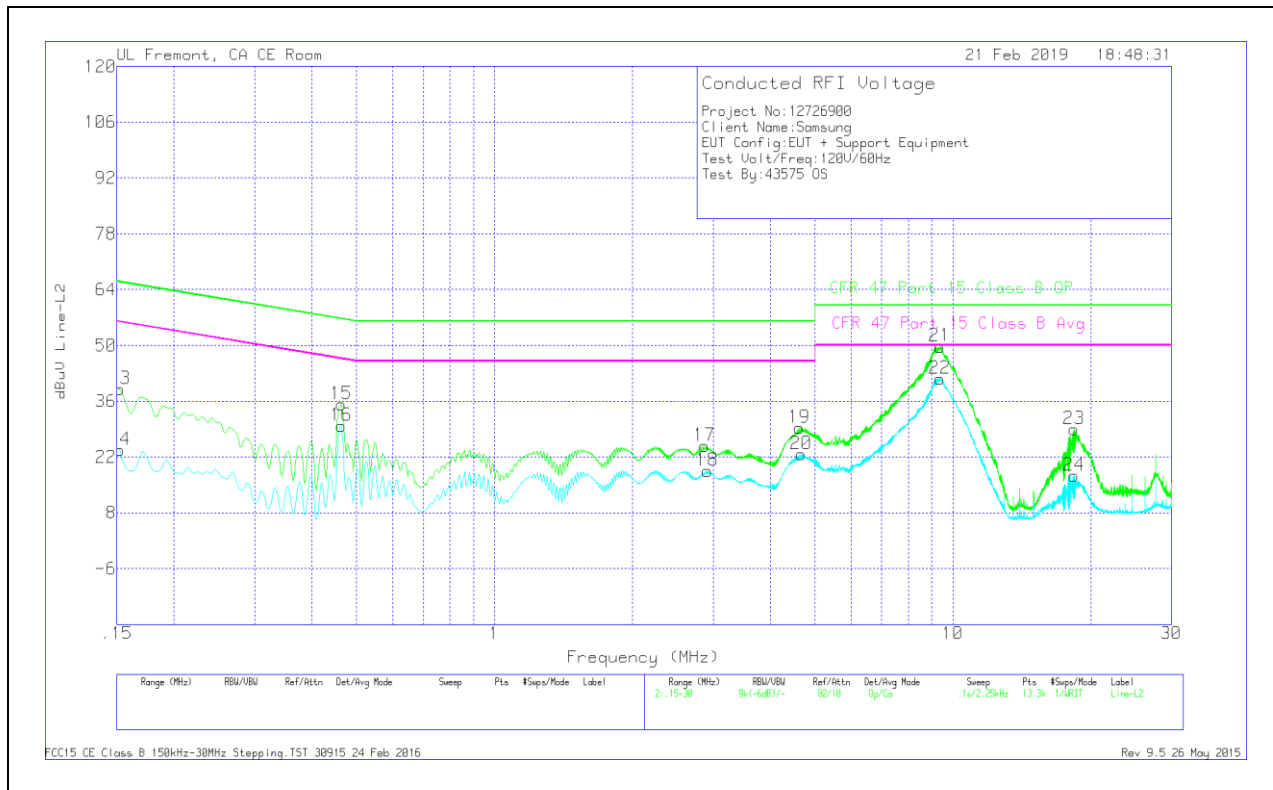


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.15225	28.52	Qp	.1	0	10.1	38.72	65.88	-27.16	-	-
2	.15225	14.53	Ca	.1	0	10.1	24.73	-	-	55.88	-31.15
3	.46275	25.45	Qp	0	0	10.1	35.55	56.64	-21.09	-	-
4	.46275	23.02	Ca	0	0	10.1	33.12	-	-	46.64	-13.52
5	2.27175	15.02	Qp	0	.1	10.1	25.22	56	-30.78	-	-
6	2.2425	10.3	Ca	0	.1	10.1	20.5	-	-	46	-25.5
7	4.695	17.57	Qp	0	.1	10.1	27.77	56	-28.23	-	-
8	4.695	12.79	Ca	0	.1	10.1	22.99	-	-	46	-23.01
9	9.2175	34.69	Qp	0	.2	10.2	45.09	60	-14.91	-	-
10	9.2175	27.91	Ca	0	.2	10.2	38.31	-	-	50	-11.69
11	18.4762	12.57	Qp	.1	.3	10.3	23.27	60	-36.73	-	-
12	18.4762	4.44	Ca	.1	.3	10.3	15.14	-	-	50	-34.86

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	.15225	28.84	Qp	.1	0	10.1	39.04	65.88	-26.84	-	-
14	.15225	13.57	Ca	.1	0	10.1	23.77	-	-	55.88	-32.11
15	.46275	25.11	Qp	0	0	10.1	35.21	56.64	-21.43	-	-
16	.46275	19.77	Ca	0	0	10.1	29.87	-	-	46.64	-16.77
17	2.8725	14.64	Qp	0	.1	10.1	24.84	56	-31.16	-	-
18	2.91525	8.28	Ca	0	.1	10.1	18.48	-	-	46	-27.52
19	4.62975	19.11	Qp	0	.1	10.1	29.31	56	-26.69	-	-
20	4.6725	12.57	Ca	0	.1	10.1	22.77	-	-	46	-23.23
21	9.36263	39.34	Qp	0	.2	10.2	49.74	60	-10.26	-	-
22	9.366	31.27	Ca	0	.2	10.2	41.67	-	-	50	-8.33
23	18.4132	18.21	Qp	.1	.3	10.3	28.91	60	-31.09	-	-
24	18.3705	6.55	Ca	.1	.3	10.3	17.25	-	-	50	-32.75

Qp - Quasi-Peak detector

Ca - CISPR average detection