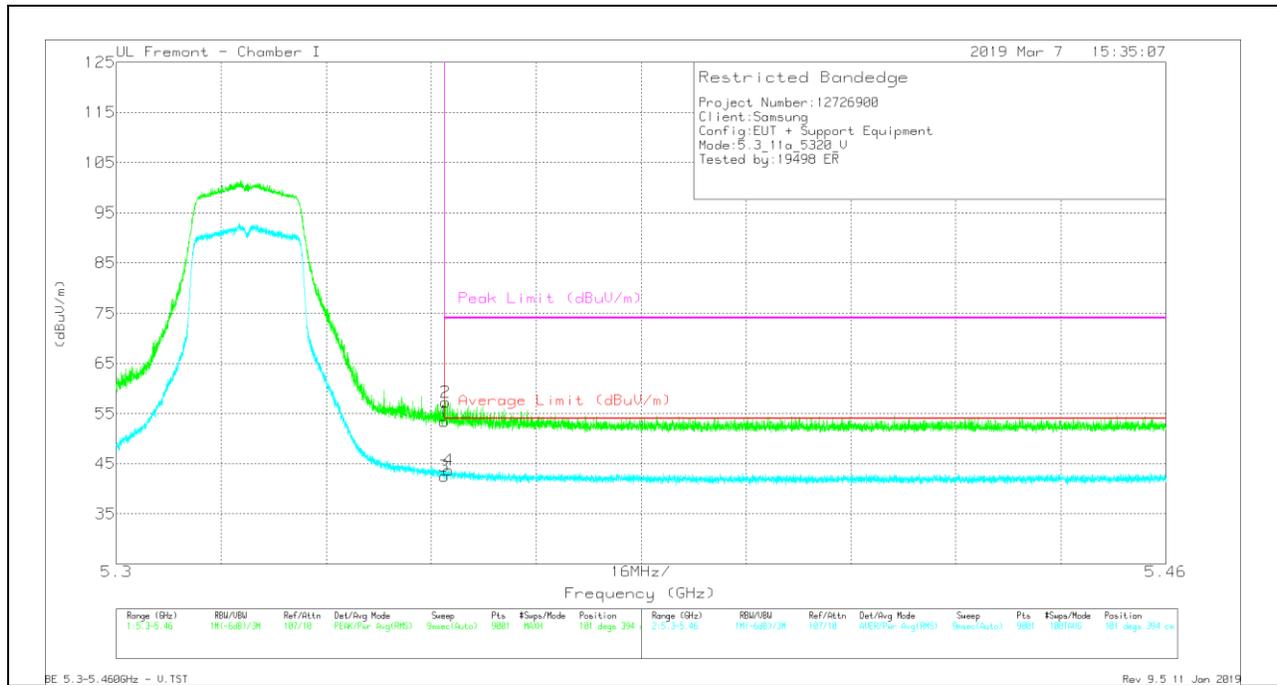


### VERTICAL RESULT



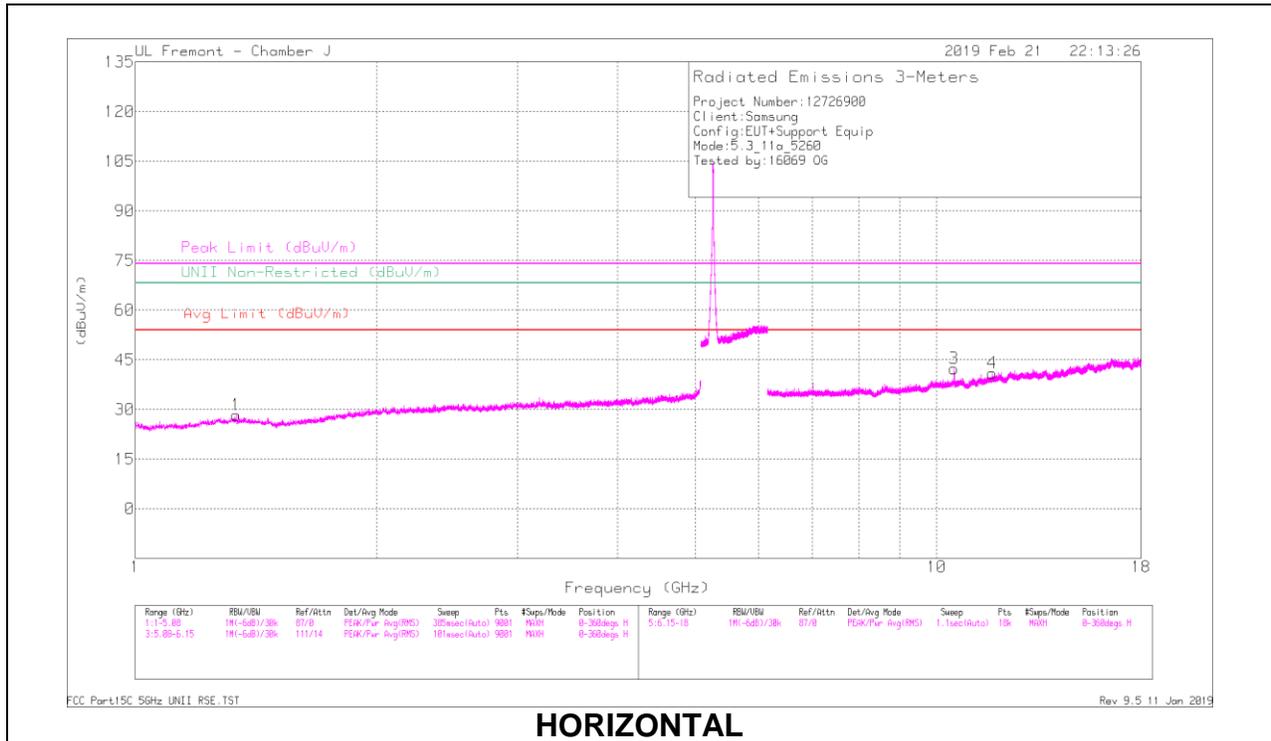
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 5.35	37.21	Pk	34.5	-18.3	0	53.41	-	-	74	-20.59	101	394	V
2	* 5.35	41.03	Pk	34.5	-18.3	0	57.23	-	-	74	-16.77	101	394	V
3	* 5.35	26.15	RMS	34.5	-18.3	.09	42.44	54	-11.56	-	-	101	394	V
4	* 5.351	27.38	RMS	34.5	-18.3	.09	43.67	54	-10.33	-	-	101	394	V

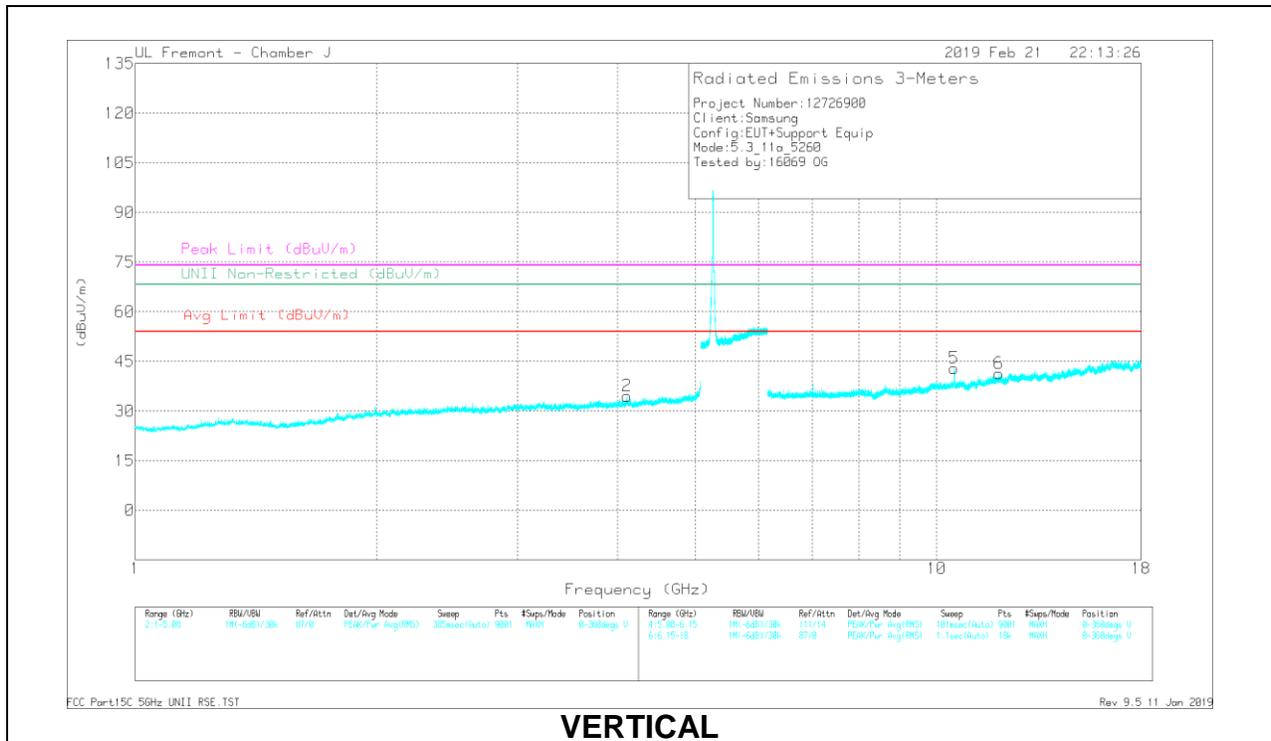
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

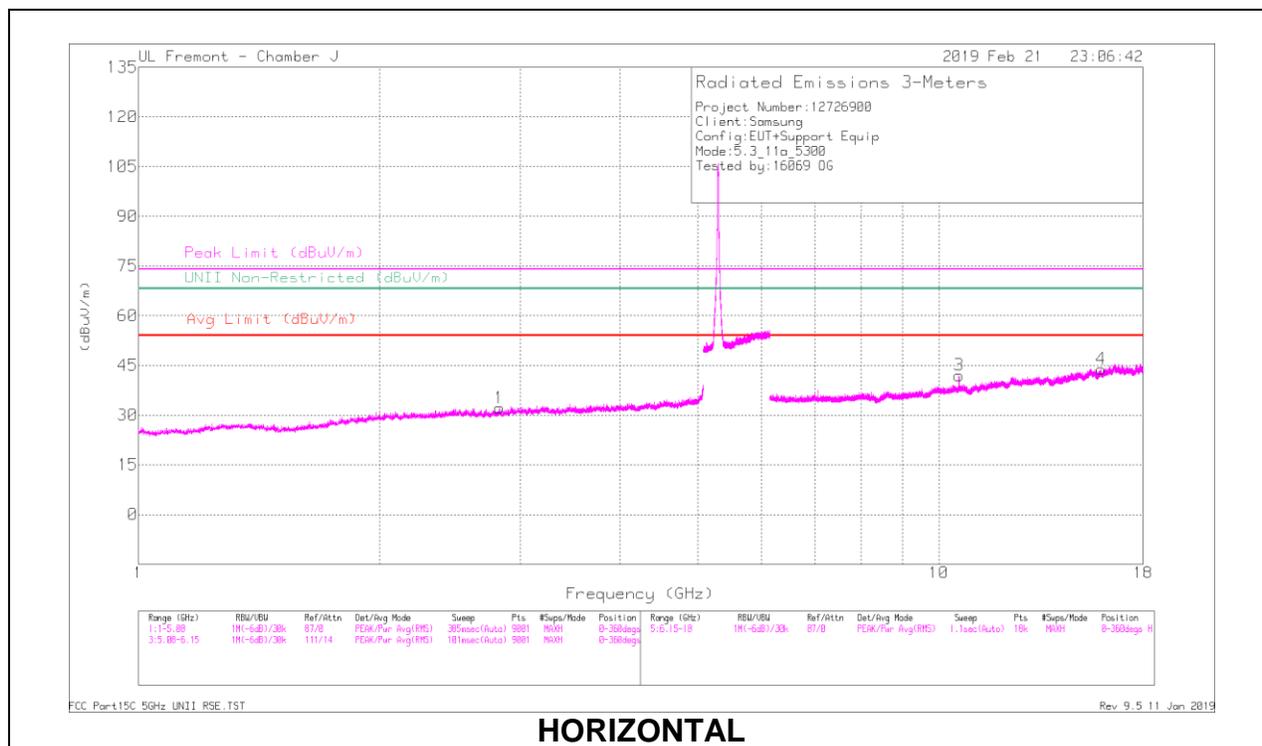
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A1067 (dBm)	Amp(C2)/P1/P2/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.336	41.55	PK-U	29.3	-35.8	0	35.05	-	-	74	-38.95	-	-	315	110	H
* 1.338	31.63	ADR	29.3	-35.8	.09	25.22	54	-28.78	-	-	-	-	315	110	H
* 4.108	39.38	PK-U	33.6	-32.1	0	40.88	-	-	74	-33.12	-	-	122	306	V
* 4.107	29.12	ADR	33.6	-32.1	.09	30.71	54	-23.29	-	-	-	-	122	306	V
* 11.739	32.94	PK-U	38.5	-23.1	0	48.34	-	-	74	-25.66	-	-	46	223	H
* 11.74	21.89	ADR	38.5	-23.1	.09	37.38	54	-16.62	-	-	-	-	46	223	H
10.52	38.36	PK-U	37.5	-25.3	0	50.56	-	-	-	-	68.2	-17.64	332	117	H
* 11.953	32.61	PK-U	38.6	-23	0	48.21	-	-	74	-25.79	-	-	207	206	V
* 11.951	21.99	ADR	38.6	-23	.09	37.68	54	-16.32	-	-	-	-	207	206	V
10.522	39.85	PK-U	37.5	-25.4	0	51.95	-	-	-	-	68.2	-16.25	12	116	V

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

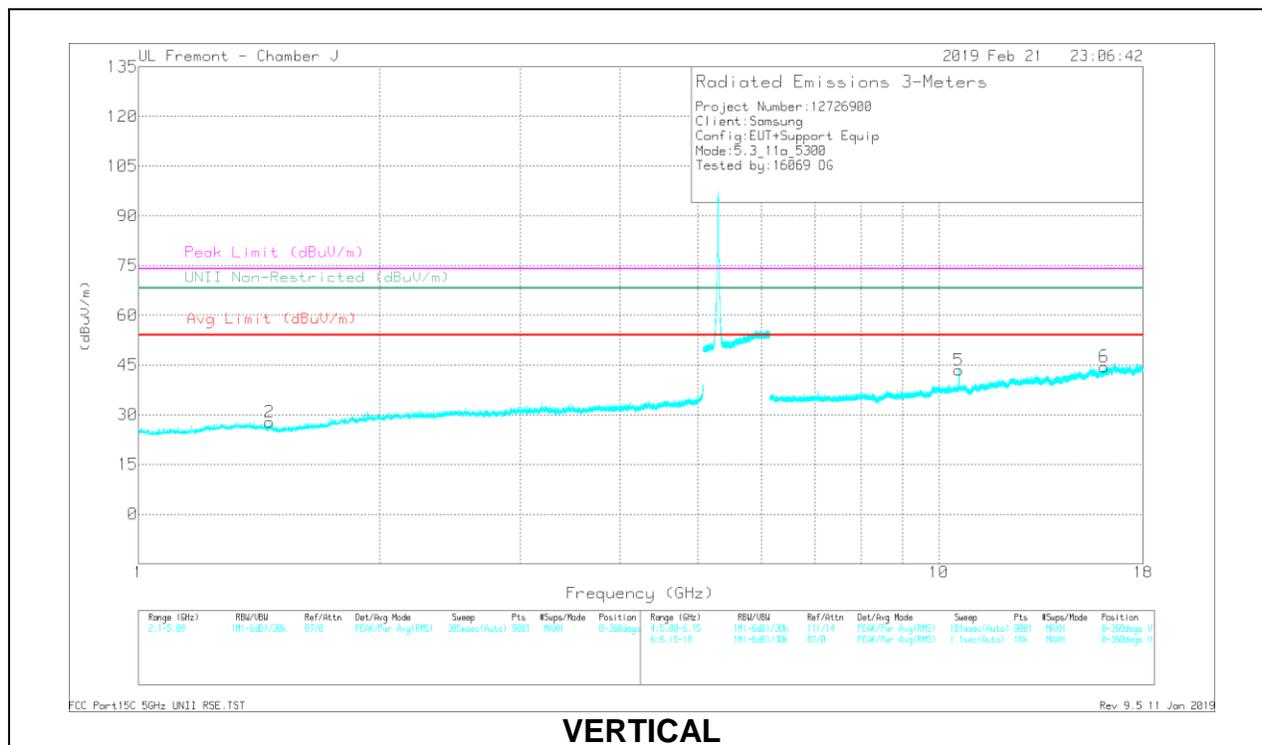
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

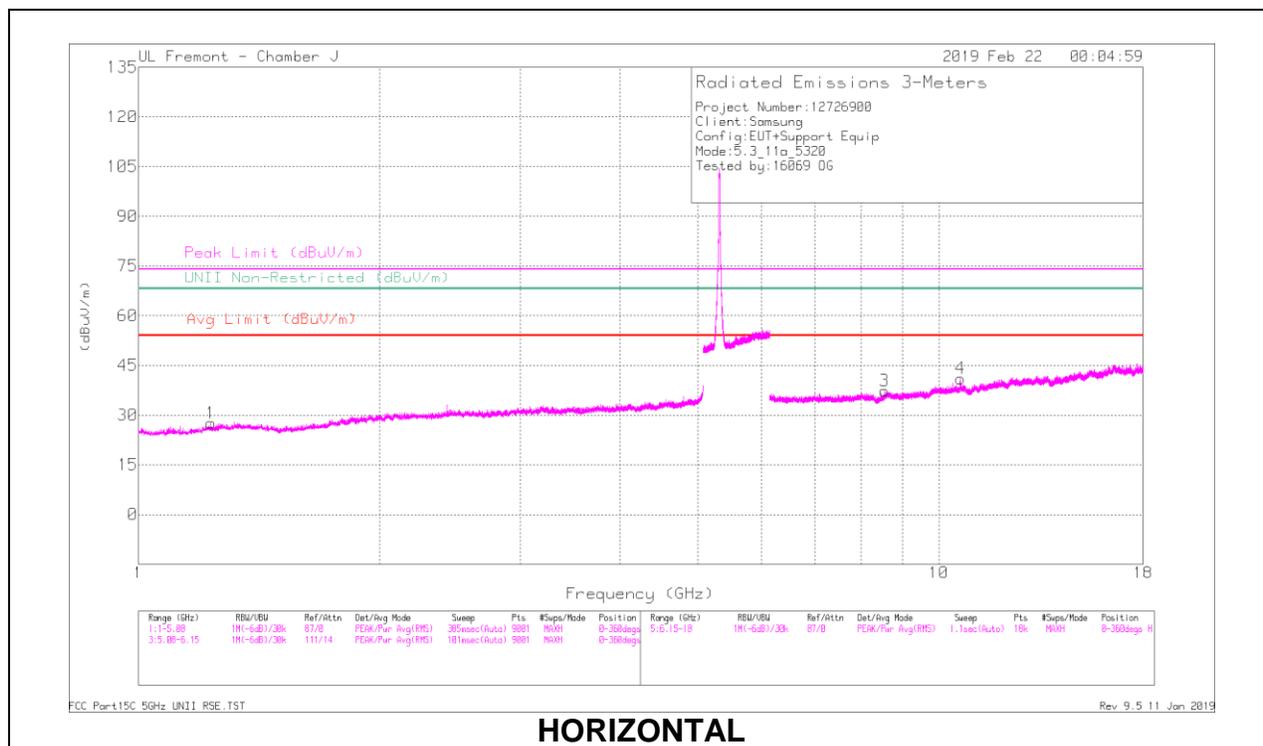
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dB/m)	Amp(C20/P10/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.827	41.34	PK-U	32.5	-34.9	0	38.94	-	-	74	-35.06	-	-	81	168	H
* 2.827	31.6	ADR	32.5	-34.9	.09	29.29	54	-24.71	-	-	-	-	81	168	H
* 1.458	41.62	PK-U	28.4	-35.8	0	34.22	-	-	74	-39.78	-	-	42	238	V
* 1.457	31.07	ADR	28.5	-35.8	.09	23.86	54	-30.14	-	-	-	-	42	238	V
* 15.945	30.31	PK-U	40.5	-20	0	50.81	-	-	74	-23.19	-	-	190	321	H
* 15.945	20.46	ADR	40.5	-20	.09	41.05	54	-12.95	-	-	-	-	190	321	H
10.598	37.45	PK-U	37.5	-25.2	0	49.75	-	-	-	-	68.2	-18.45	337	104	H
* 16.092	31.31	PK-U	40.5	-20.1	0	51.71	-	-	74	-22.29	-	-	186	292	V
* 16.092	20.84	ADR	40.5	-20.1	.09	41.33	54	-12.67	-	-	-	-	186	292	V
10.593	39.25	PK-U	37.5	-25.3	0	51.45	-	-	-	-	68.2	-16.75	7	124	V

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

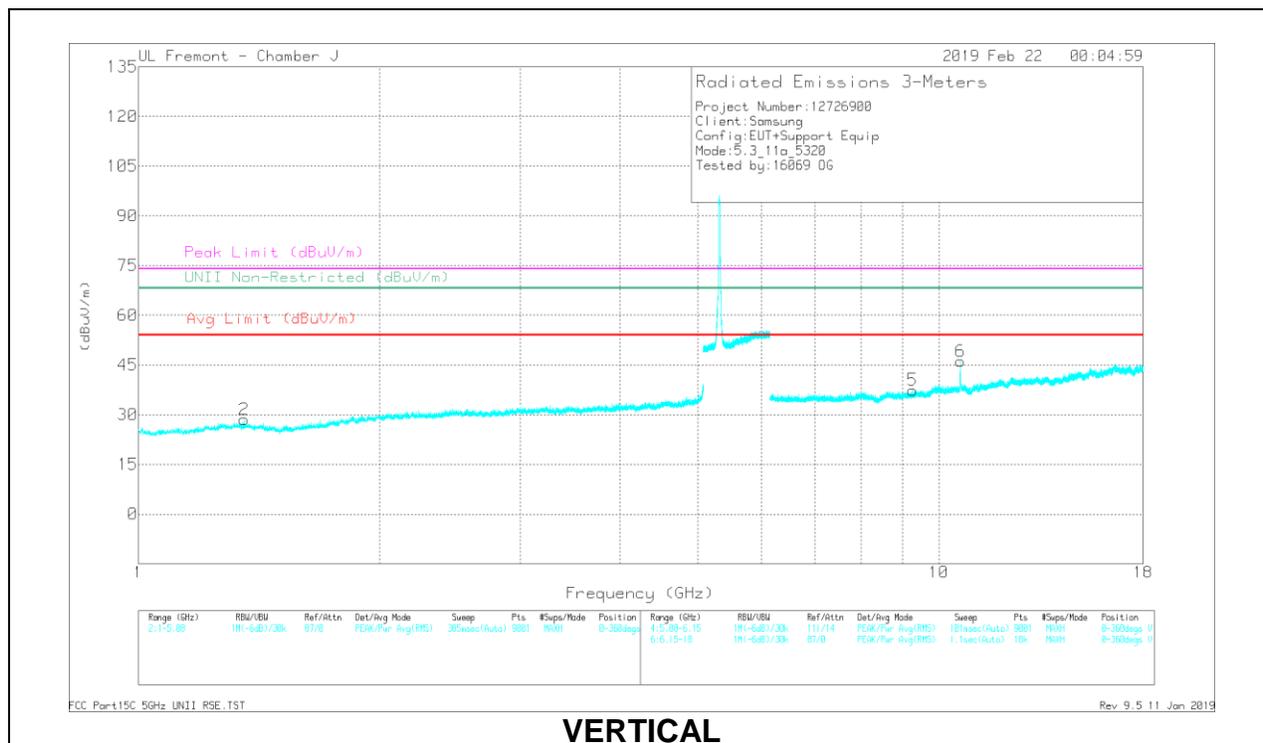
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dBm)	AmpC60/F10r/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
* 1.232	41.32	PK-U	28.7	-35.8	0	34.22	-	-	74	-39.78	-	-	161	371	H
* 1.233	31.29	ADR	28.8	-35.8	.09	24.38	54	-29.62	-	-	-	-	161	371	H
* 1.355	41.47	PK-U	29.3	-35.8	0	34.97	-	-	74	-39.03	-	-	82	369	V
* 1.355	31.1	ADR	29.3	-35.8	.09	24.68	54	-29.31	-	-	-	-	82	369	V
* 10.64	37.77	PK-U	37.6	-25	0	50.37	-	-	74	-23.63	-	-	333	109	H
* 10.64	29.3	ADR	37.6	-25	.09	41.99	54	-12.01	-	-	-	-	333	109	H
8.558	34.84	PK-U	35.7	-25.7	0	44.84	-	-	-	-	68.2	-23.36	121	392	H
* 10.64	41.12	PK-U	37.6	-25	0	53.72	-	-	74	-20.28	-	-	8	124	V
* 10.64	31.88	ADR	37.6	-25	.09	44.57	54	-9.43	-	-	-	-	8	124	V
9.275	33.33	PK-U	36.2	-25.1	0	44.43	-	-	-	-	68.2	-23.77	84	341	V

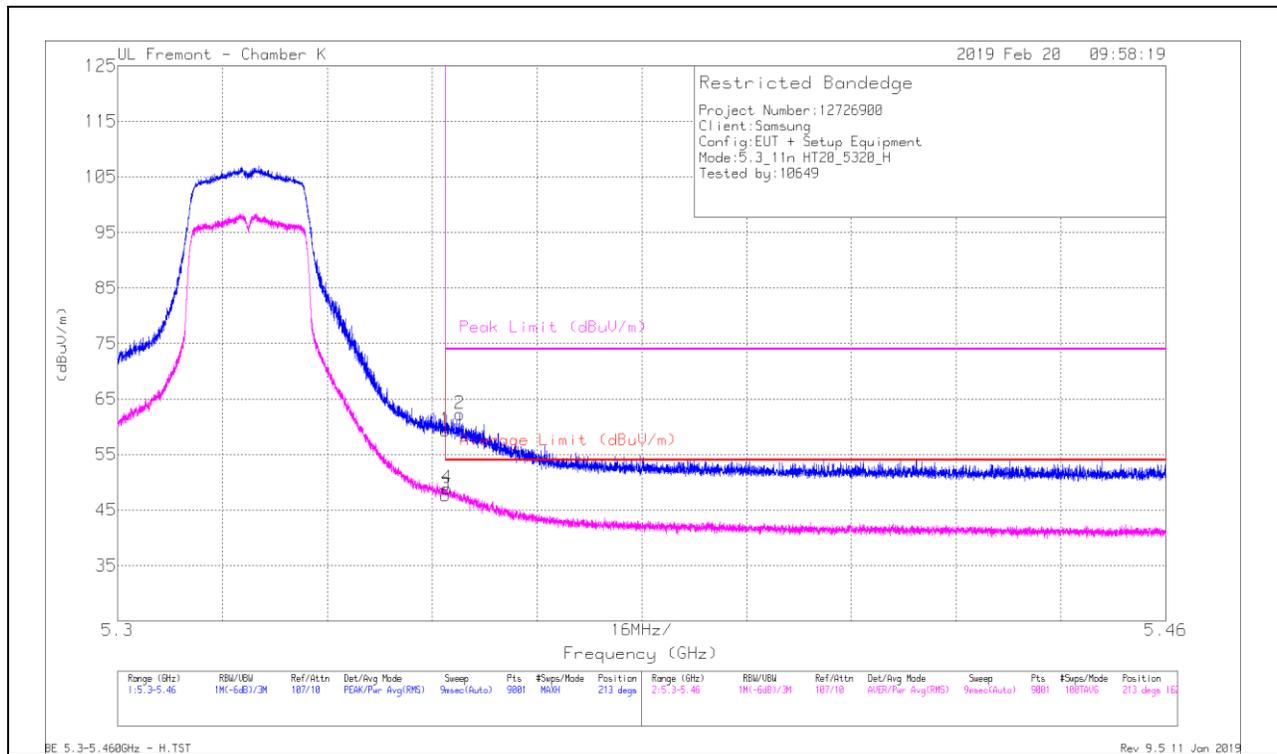
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

**10.1.6. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



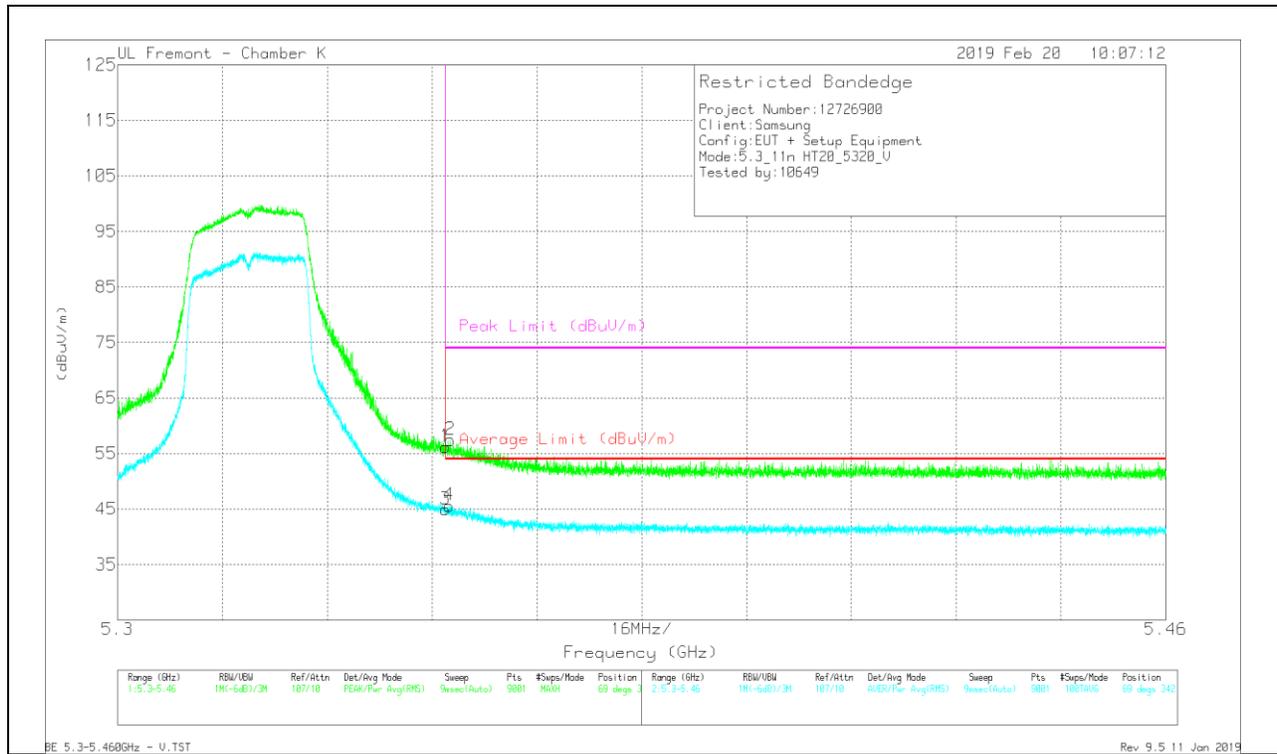
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.76	Pk	34.5	-19.9	0	59.36	-	-	74	-14.64	213	162	H
2	* 5.352	47.71	Pk	34.5	-19.9	0	62.31	-	-	74	-11.69	213	162	H
3	* 5.35	32.98	RMS	34.5	-19.9	.1	47.68	54	-6.32	-	-	213	162	H
4	* 5.35	34.22	RMS	34.5	-19.9	.1	48.92	54	-5.08	-	-	213	162	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

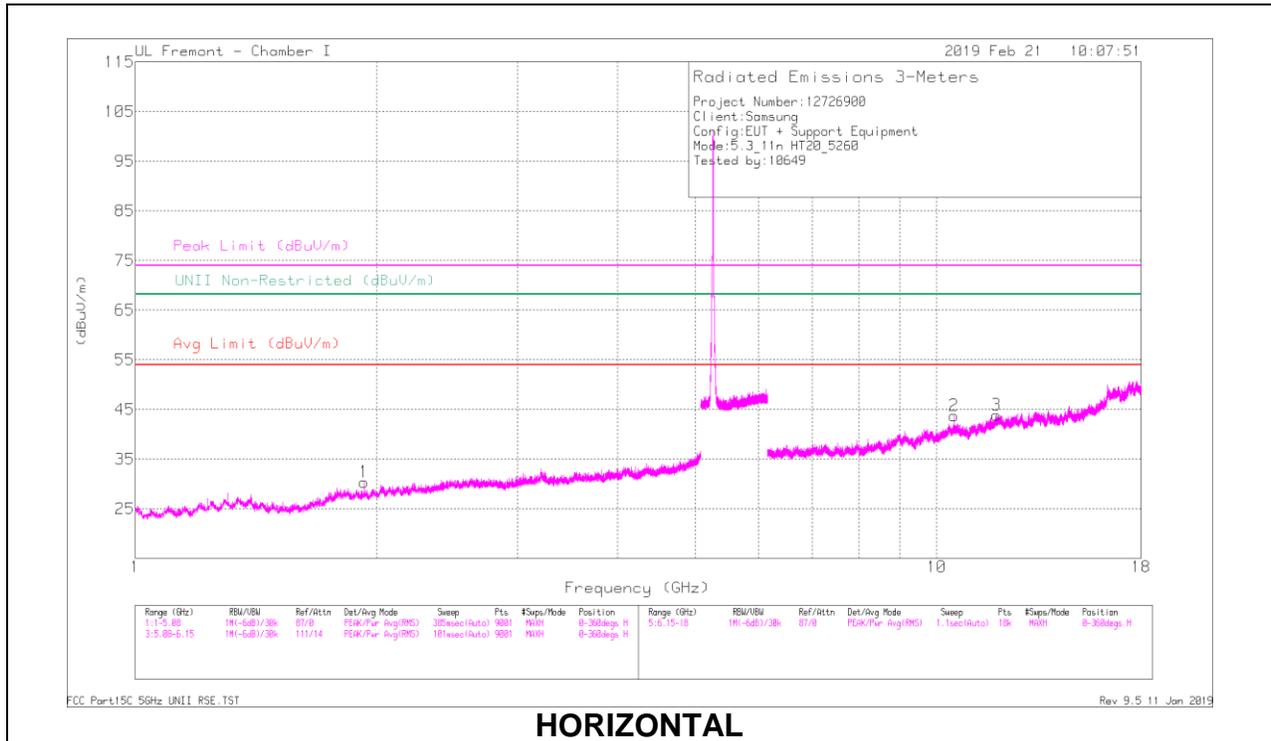


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cs/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.6	Pk	34.5	-19.9	0	56.2	-	-	74	-17.8	69	342	V
2	* 5.351	42.85	Pk	34.5	-19.9	0	57.45	-	-	74	-16.55	69	342	V
3	* 5.35	30.23	RMS	34.5	-19.9	.1	44.93	54	-9.07	-	-	69	342	V
4	* 5.351	30.92	RMS	34.5	-19.9	.1	45.62	54	-8.38	-	-	69	342	V

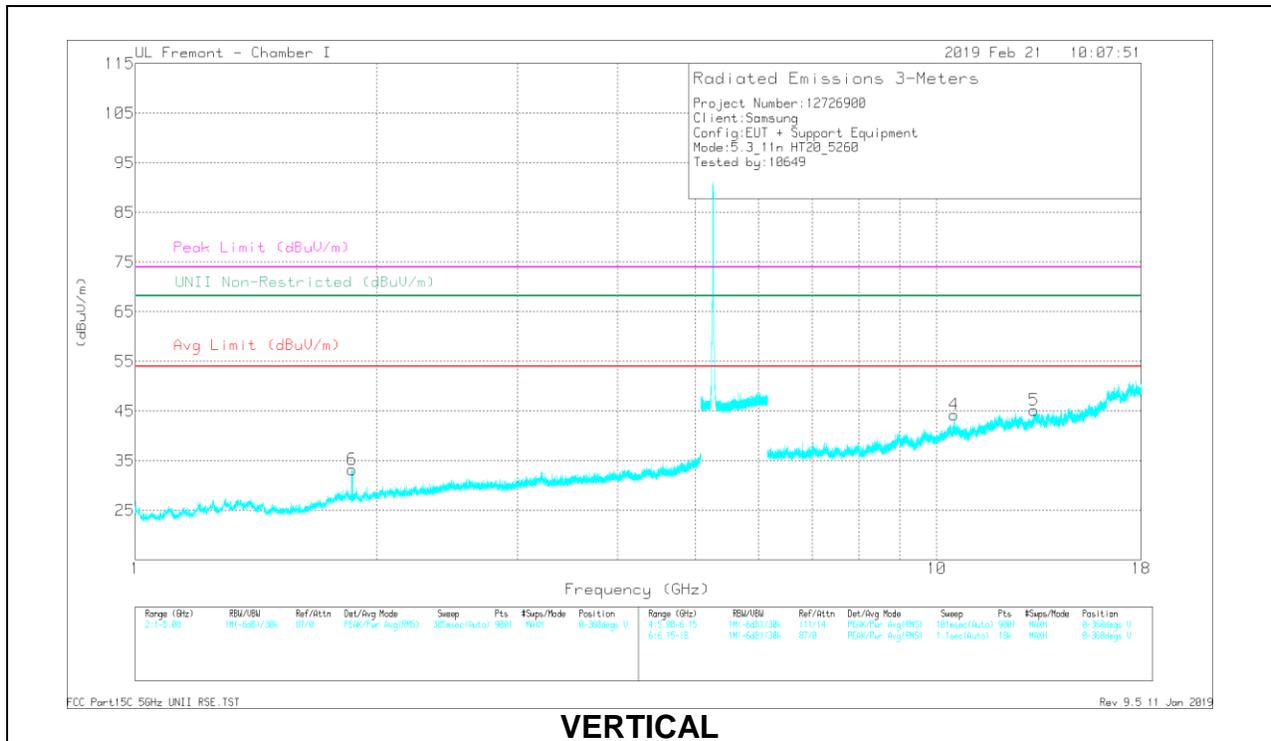
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

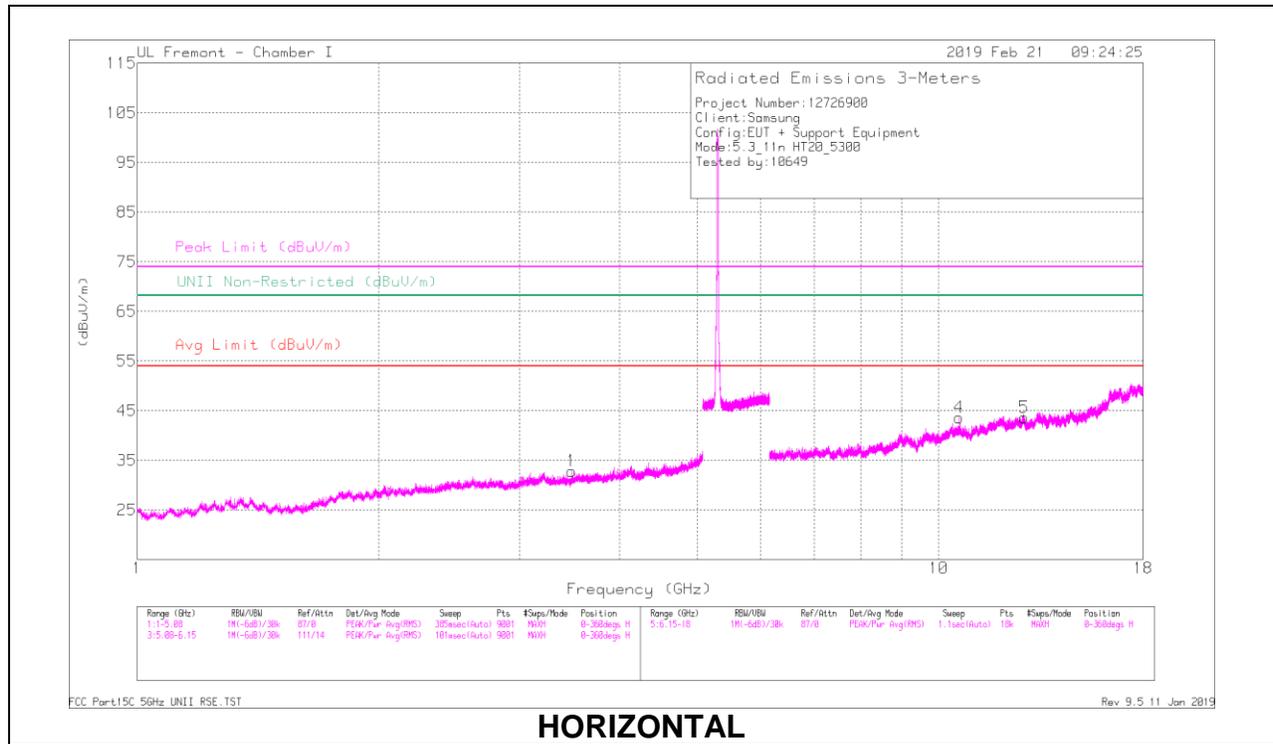
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.932	37.67	PK-U	30.6	-32.7	0	35.57	-	-	-	-	68.2	-32.63	171	312	H
6	1.868	39.68	PK-U	30.8	-32.6	0	37.88	-	-	-	-	68.2	-30.32	292	370	V
2	10.52	30.67	PK-U	37.6	-17	0	51.27	-	-	-	-	68.2	-16.93	253	113	H
3	* 11.876	28.88	PK-U	38.7	-16.6	0	50.98	-	-	74	-23.02	-	-	171	102	H
	* 11.875	18.97	ADR	38.7	-16.6	.1	41.17	54	-12.83	-	-	-	-	171	102	H
4	10.52	30.17	PK-U	37.6	-17	0	50.77	-	-	-	-	68.2	-17.43	85	109	V
5	13.229	28	PK-U	39.5	-16.5	0	51	-	-	-	-	68.2	-17.2	333	188	V

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

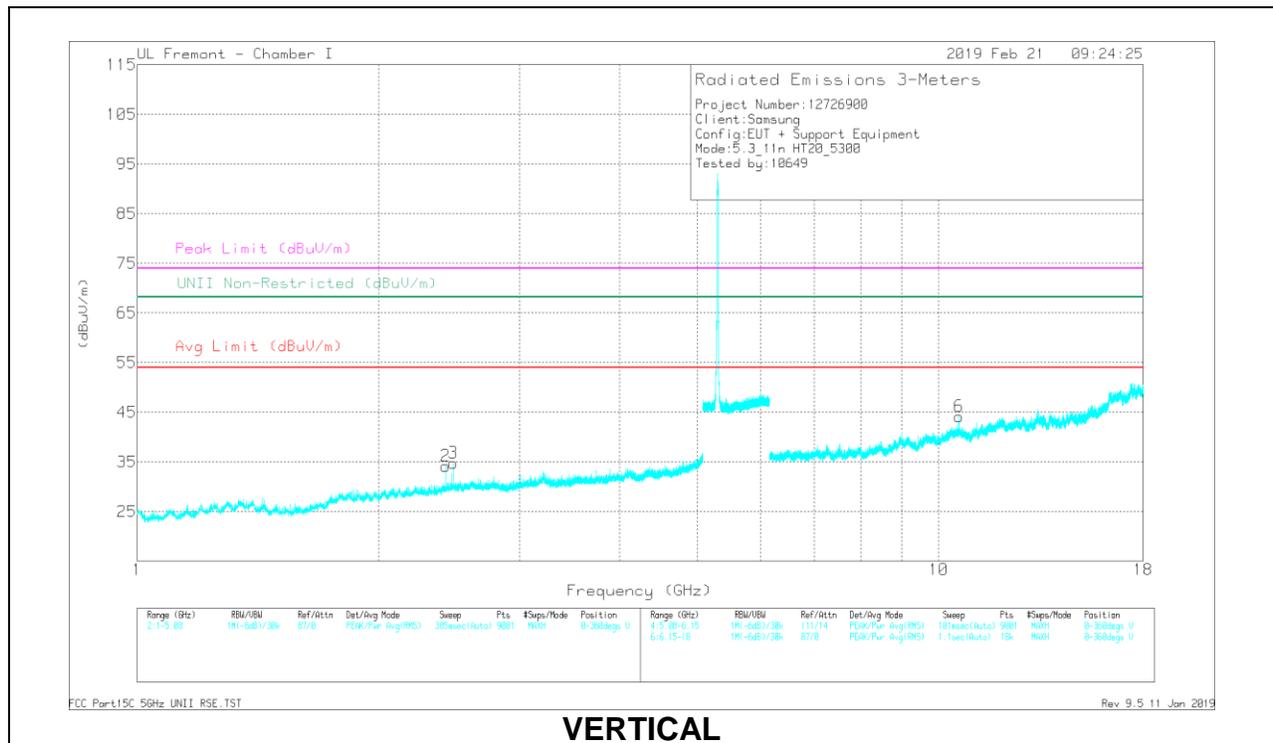
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

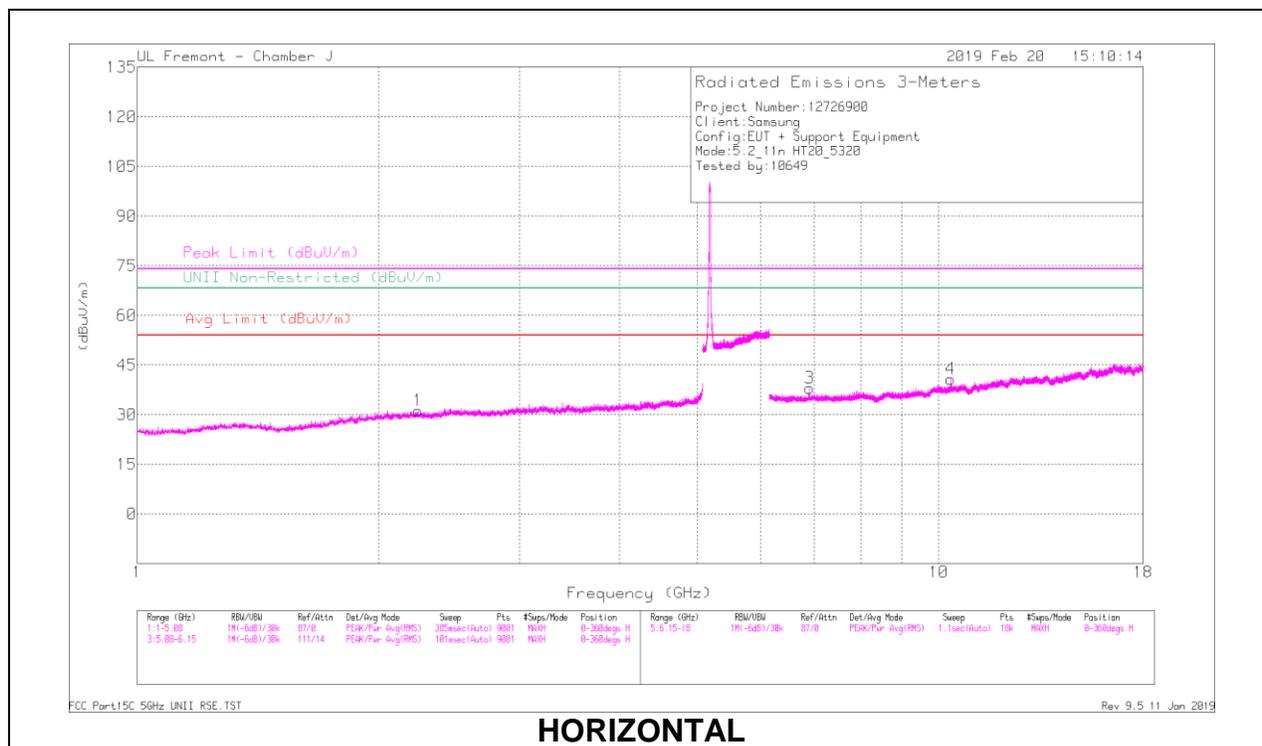
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.485	36.27	PK-U	32.8	-30.4	0	38.67	-	-	-	-	68.2	-29.53	285	242	H
2	2.426	36.83	PK-U	32.1	-31.7	0	37.23	-	-	-	-	68.2	-30.97	129	386	V
3	2.481	37.05	PK-U	32.4	-31.5	0	37.95	-	-	-	-	68.2	-30.25	308	107	V
4	10.6	29.55	PK-U	37.8	-16.7	0	50.85	-	-	-	-	68.2	-17.55	245	106	H
	10.6	19.64	ADR	37.8	-16.7	.1	40.84	-	-	-	-	-	-	245	106	H
5	12.786	27.4	PK-U	39.2	-15.9	0	50.7	-	-	-	-	68.2	-17.5	108	181	H
6	* 10.604	28.73	PK-U	37.8	-16.7	0	49.83	-	-	74	-24.17	-	-	214	152	V
	* 10.6	21.15	ADR	37.8	-16.7	.1	42.35	54	-11.65	-	-	-	-	214	152	V

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

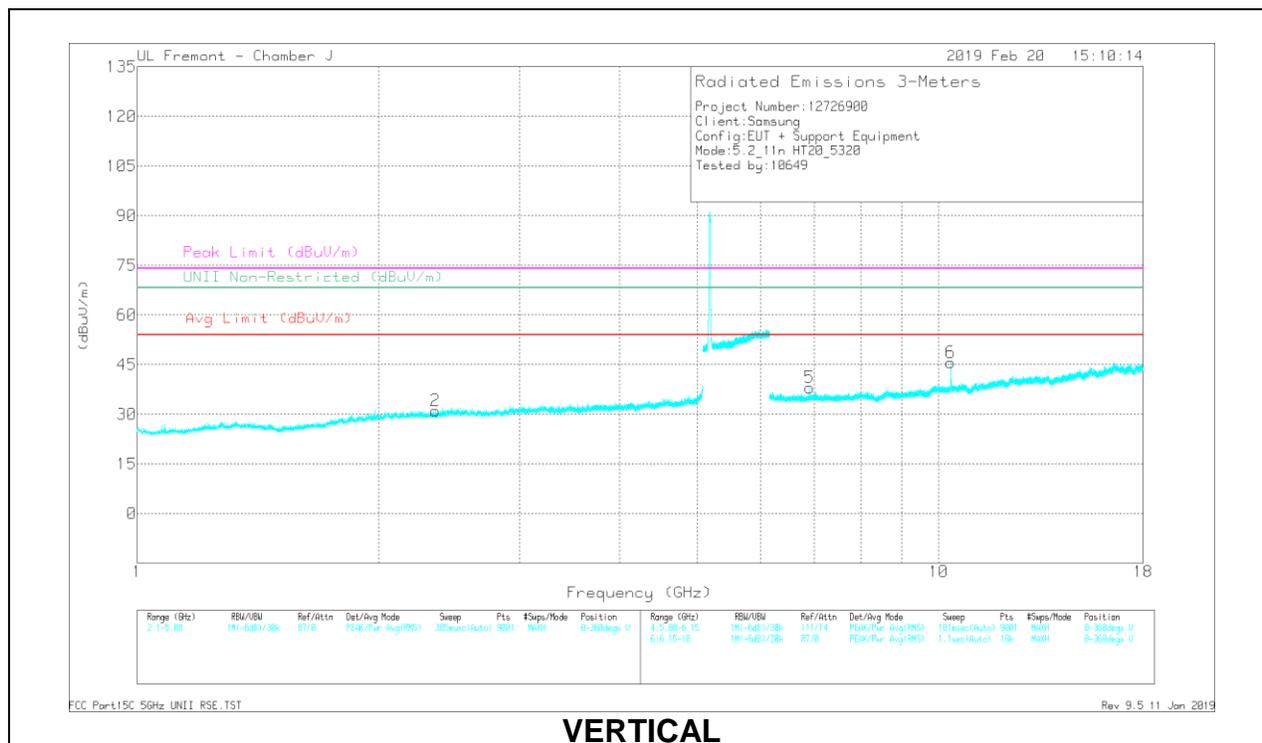
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Ftr/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	* 2.237	41.58	PK-U	31.9	-35.5	0	37.98	-	-	74	-36.02	-	-	243	327	H
	* 2.241	31.75	ADR	31.9	-35.6	.1	28.15	54	-25.85	-	-	-	-	243	327	H
2	6.907	35.91	PK-U	35.6	-27.7	0	44.81	-	-	-	-	68.2	-23.39	202	106	H
3	10.36	35.77	PK-U	37.5	-25.5	0	47.77	-	-	-	-	68.2	-20.43	247	105	H
4	6.907	36.97	PK-U	35.6	-27.7	0	44.87	-	-	-	-	68.2	-23.33	161	108	V
5	10.36	38.35	PK-U	37.5	-25.5	0	50.35	-	-	-	-	68.2	-17.85	156	102	V

6

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

PK-U - U-NII: Maximum Peak

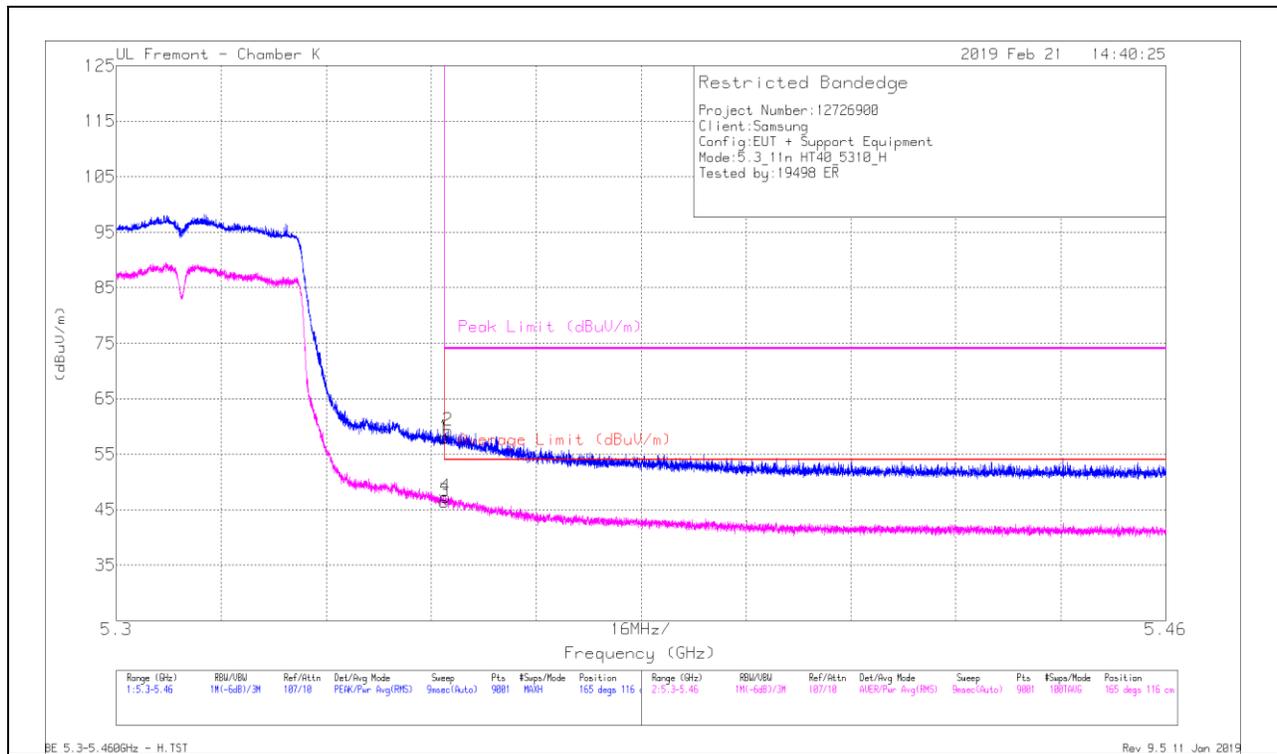
ADR - U-NII AD primary method, RMS average

**10.1.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



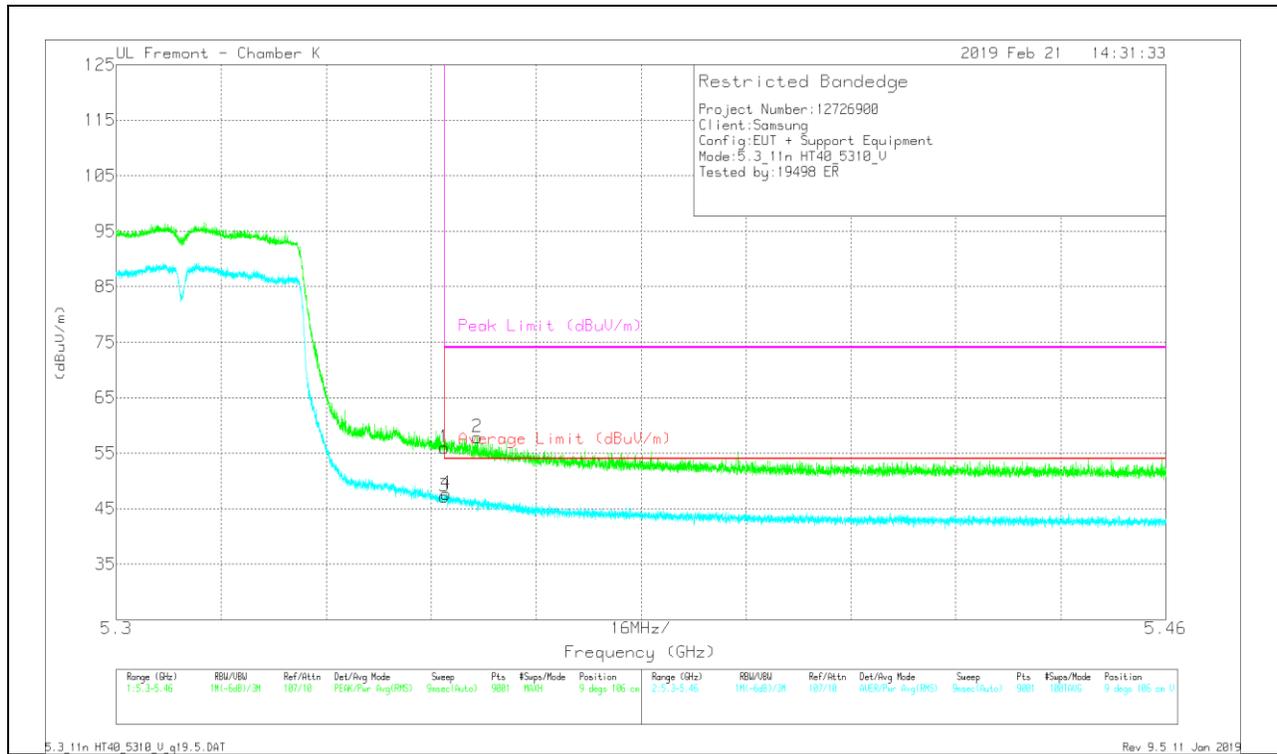
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.34	Pk	34.5	-19.9	0	57.34	-	-	74	-16.06	165	116	H
2	* 5.351	44.65	Pk	34.5	-19.9	0	59.25	-	-	74	-14.75	165	116	H
3	* 5.35	31.66	RMS	34.5	-19.9	.19	46.45	54	-7.55	-	-	165	116	H
4	* 5.35	32.52	RMS	34.5	-19.9	.19	47.31	54	-6.69	-	-	165	116	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

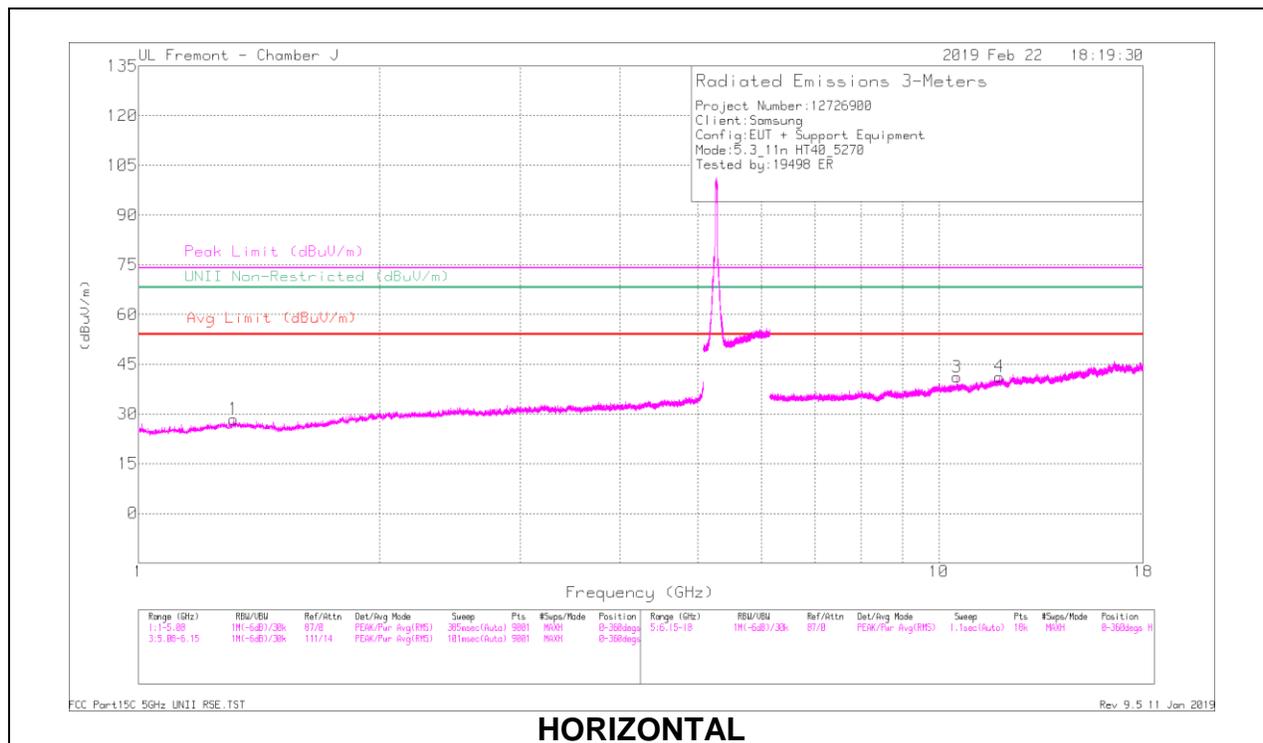


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.42	Pk	34.5	-19.9	0	56.02	-	-	74	-17.98	9	106	V
2	* 5.355	43.23	Pk	34.5	-19.9	0	57.83	-	-	74	-16.17	9	106	V
3	* 5.35	30.93	RMS	34.5	-19.9	.19	45.72	54	-8.28	-	-	9	106	V
4	* 5.35	31.41	RMS	34.5	-19.9	.19	46.2	54	-7.8	-	-	9	106	V

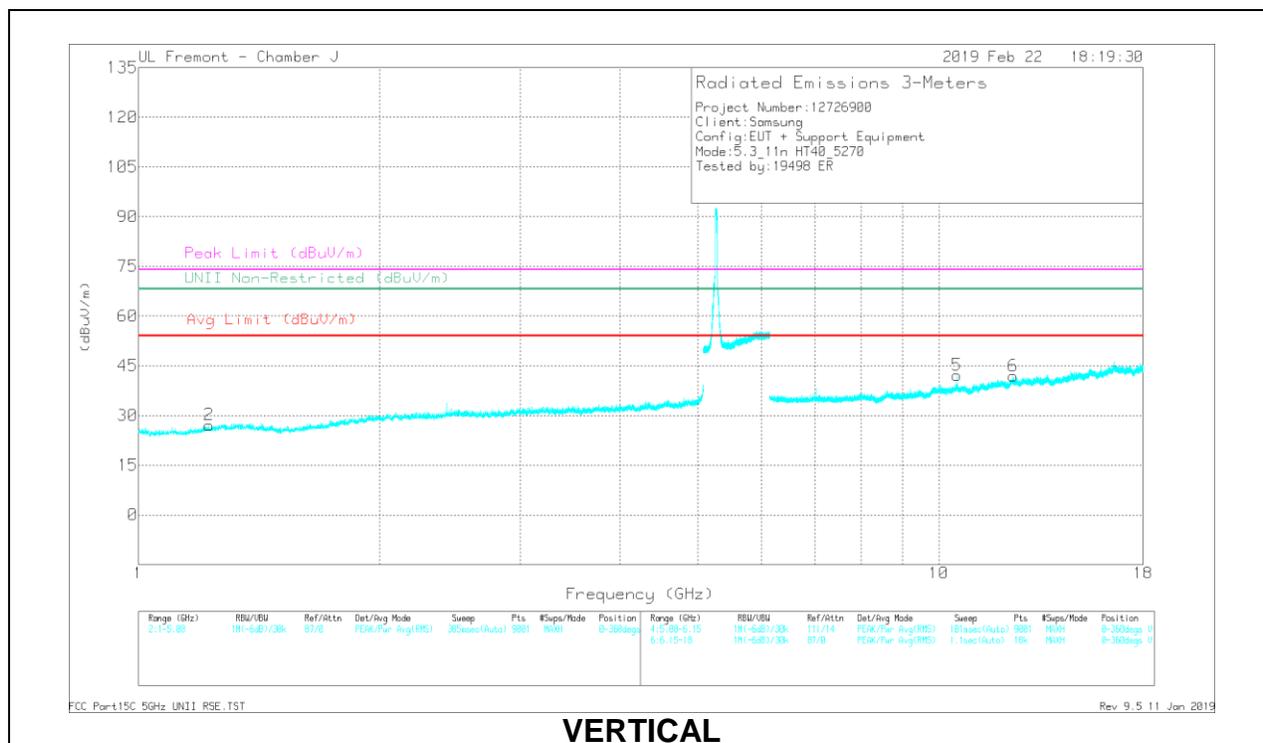
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

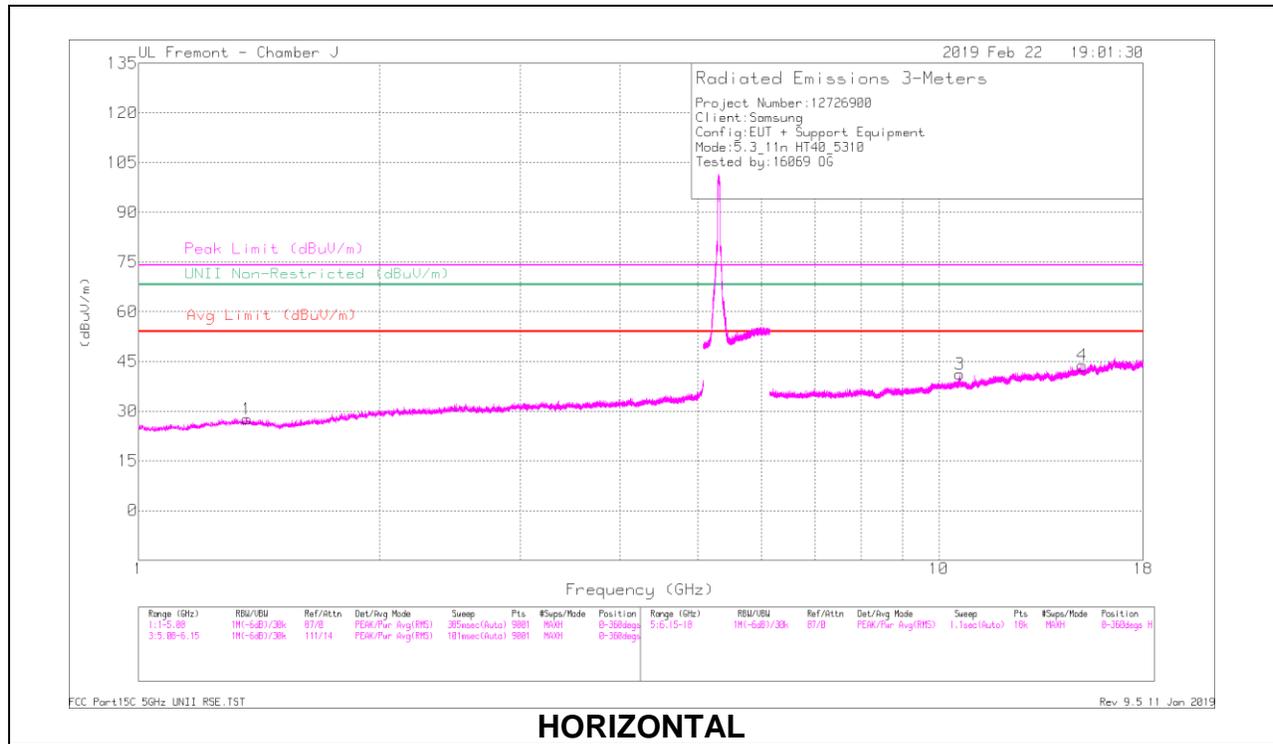
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dB/m)	AmpC20/F10/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.315	41.98	PK-U	29.3	-35.8	0	35.48	-	-	74	-38.52	-	-	238	303	H
* 1.314	31.73	ADR	29.3	-35.8	.19	25.42	54	-28.58	-	-	-	-	238	303	H
* 1.224	41.81	PK-U	28.7	-35.8	0	34.71	-	-	74	-39.29	-	-	115	272	V
* 1.225	31.35	ADR	28.7	-35.8	.19	24.44	54	-29.56	-	-	-	-	115	272	V
* 11.914	33.02	PK-U	38.6	-23.2	0	48.42	-	-	74	-25.58	-	-	240	189	H
* 11.911	22.49	ADR	38.6	-23.1	.19	38.18	54	-15.82	-	-	-	-	240	189	H
10.54	36.32	PK-U	37.5	-25.3	0	48.52	-	-	-	-	68.2	-19.68	223	125	H
* 12.387	33.34	PK-U	38.8	-22.7	0	49.44	-	-	74	-24.56	-	-	123	282	V
* 12.385	22.32	ADR	38.8	-22.7	.19	38.61	54	-15.39	-	-	-	-	123	282	V
10.54	36.49	PK-U	37.5	-25.3	0	48.69	-	-	-	-	68.2	-19.51	27	120	V

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

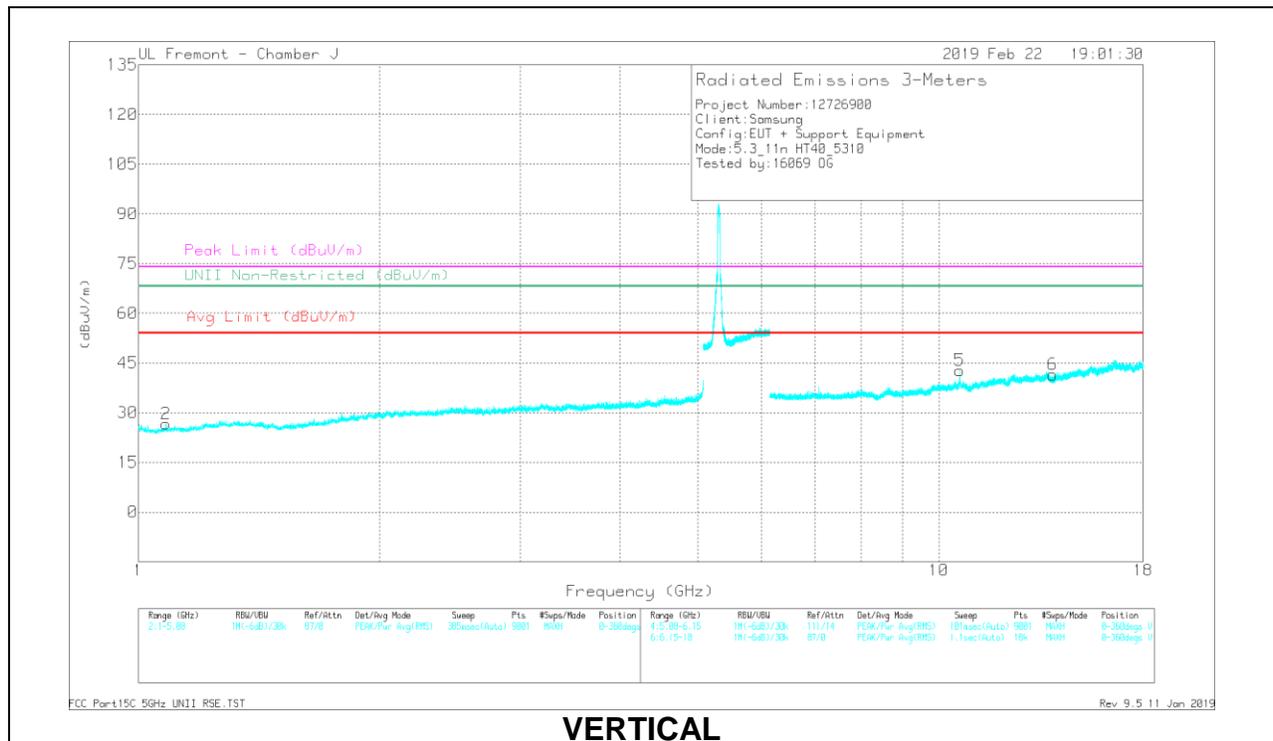
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dBm)	AmpC50/F10r/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
* 1.368	42.17	PK-U	29.2	-35.9	0	35.47	-	-	74	-38.53	-	-	256	184	H
* 1.365	31.5	ADR	29.2	-35.9	.19	24.99	54	-29.01	-	-	-	-	256	184	H
* 1.081	41.31	PK-U	27.5	-35.6	0	33.21	-	-	74	-40.79	-	-	167	368	V
* 1.082	31.04	ADR	27.5	-35.7	.19	23.03	54	-30.97	-	-	-	-	167	368	V
* 10.62	36.85	PK-U	37.6	-25.1	0	49.35	-	-	74	-24.65	-	-	340	104	H
* 10.62	26.93	ADR	37.6	-25.1	.19	39.62	54	-14.38	-	-	-	-	340	104	H
15.116	32.34	PK-U	39.9	-21.1	0	51.14	-	-	-	-	68.2	-17.06	280	391	H
* 10.62	37.4	PK-U	37.6	-25.1	0	49.9	-	-	74	-24.1	-	-	12	104	V
* 10.62	29.53	ADR	37.6	-25.1	.19	42.22	54	-11.78	-	-	-	-	12	104	V
13.861	31.28	PK-U	39.7	-21.6	0	48.38	-	-	-	-	68.2	-19.82	330	108	V

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

PK-U - U-NII: Maximum Peak

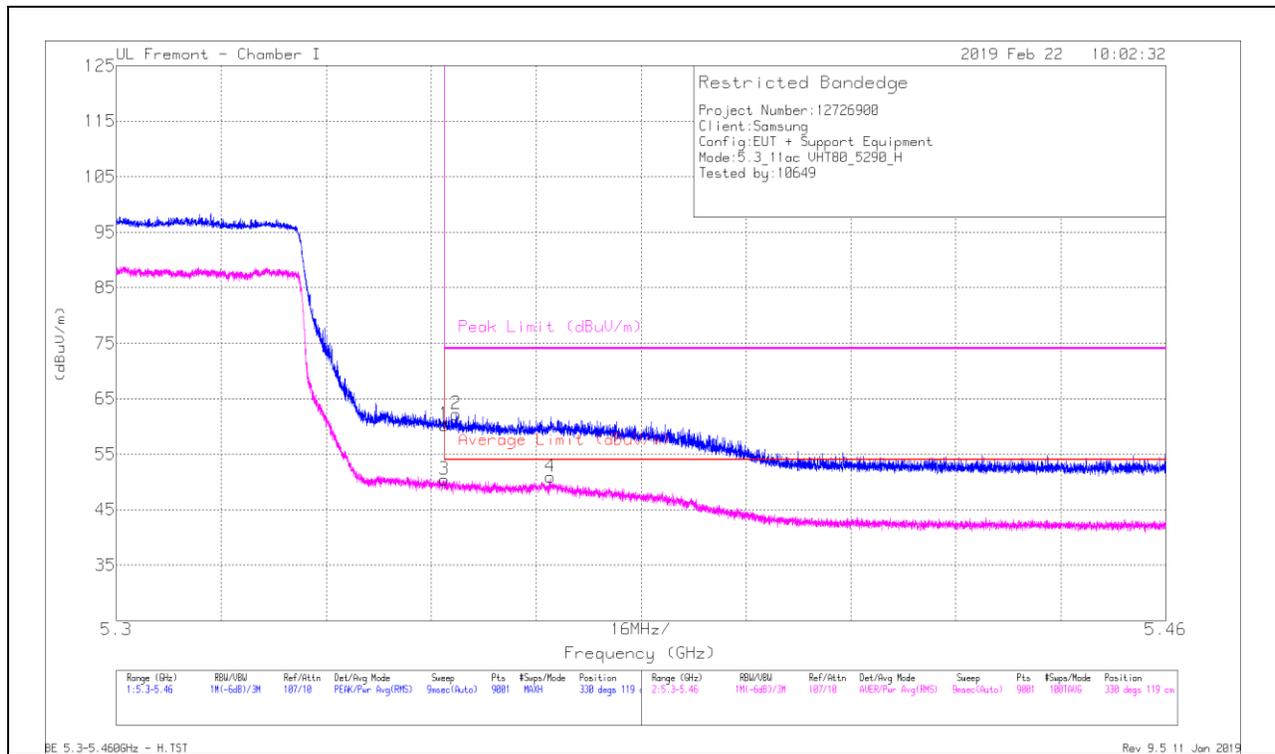
ADR - U-NII AD primary method, RMS average

**10.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (MID CHANNEL)**

**HORIZONTAL RESULT**



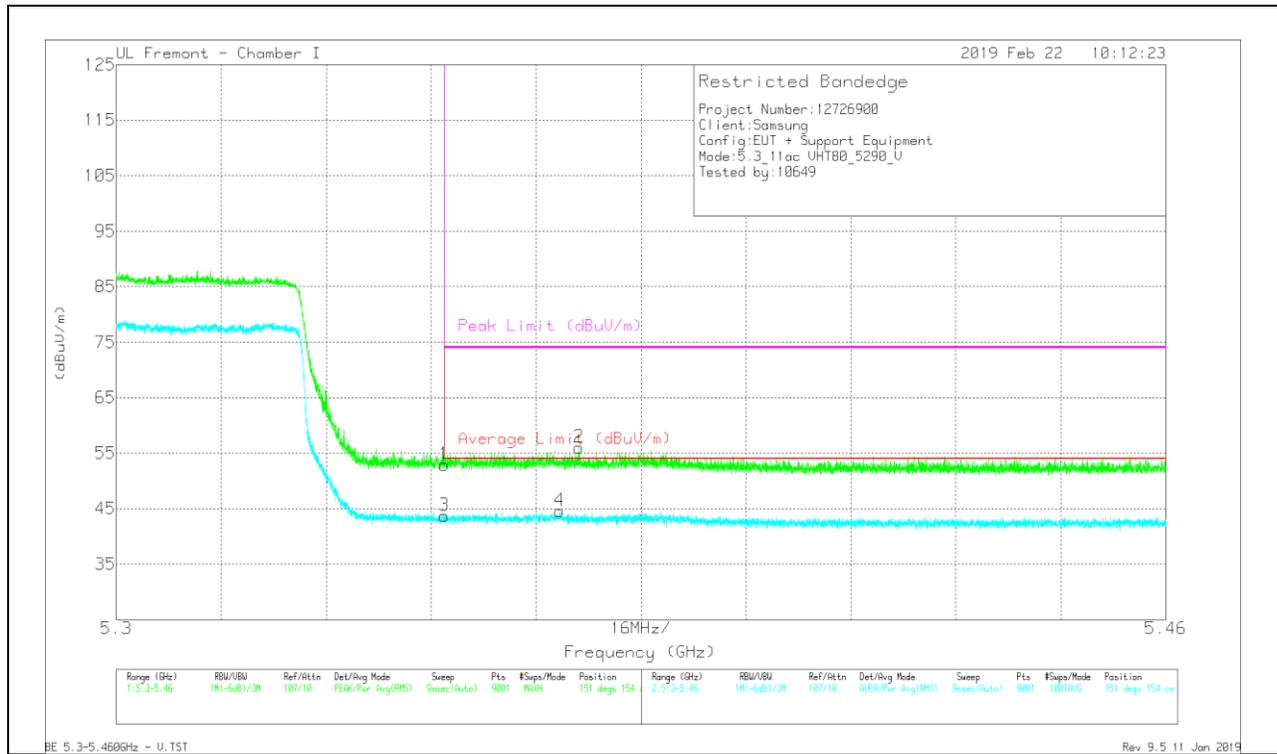
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cou/Filt/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.09	Pk	34.5	-18.3	0	62.29	-	-	74	-13.71	330	119	H
2	* 5.352	45.96	Pk	34.5	-18.3	0	62.16	-	-	74	-11.84	330	119	H
3	* 5.35	33.76	RMS	34.5	-18.3	.44	50.4	54	-3.6	-	-	330	119	H
4	* 5.366	34.09	RMS	34.5	-18.1	.44	50.93	54	-3.07	-	-	330	119	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

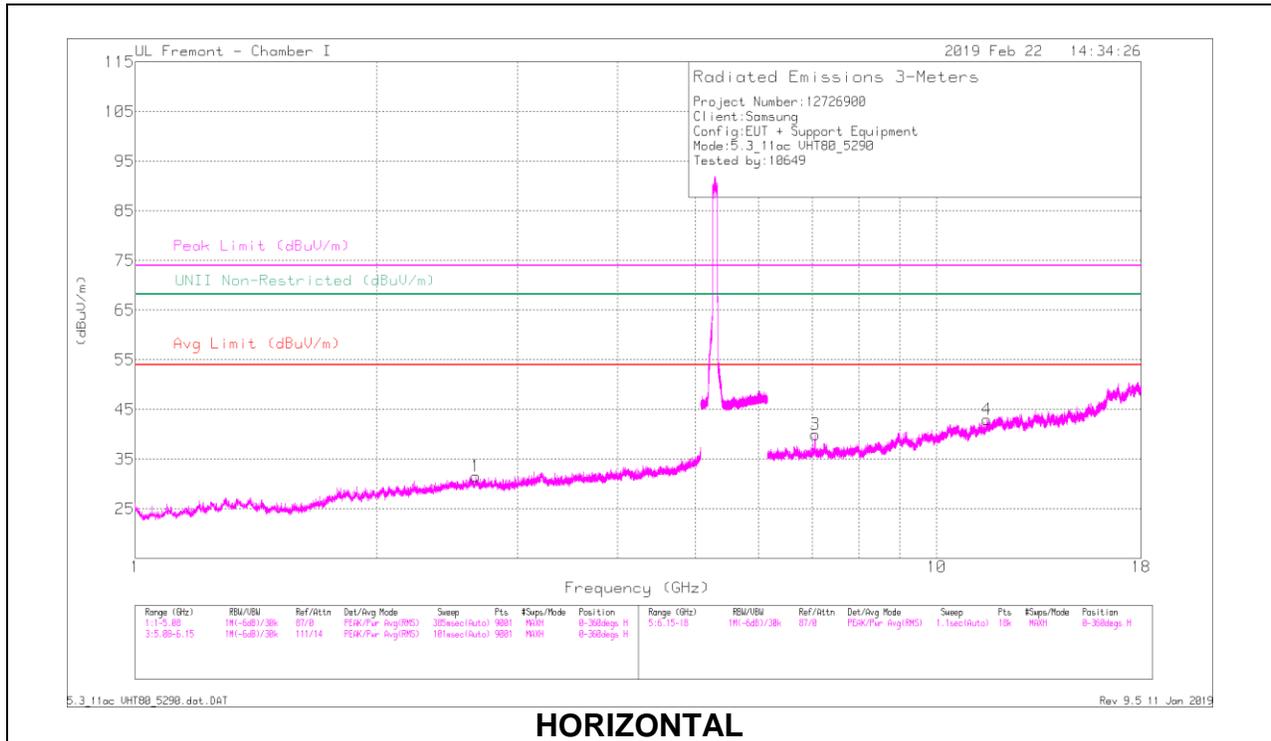


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cal/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	36.73	Pk	34.5	-18.3	0	52.93	-	-	74	-21.07	151	154	V
2	* 5.371	39.57	Pk	34.5	-18.1	0	55.97	-	-	74	-18.03	151	154	V
3	* 5.35	27.04	RMS	34.5	-18.3	.44	43.68	54	-10.32	-	-	151	154	V
4	* 5.368	27.72	RMS	34.5	-18.1	.44	44.56	54	-9.44	-	-	151	154	V

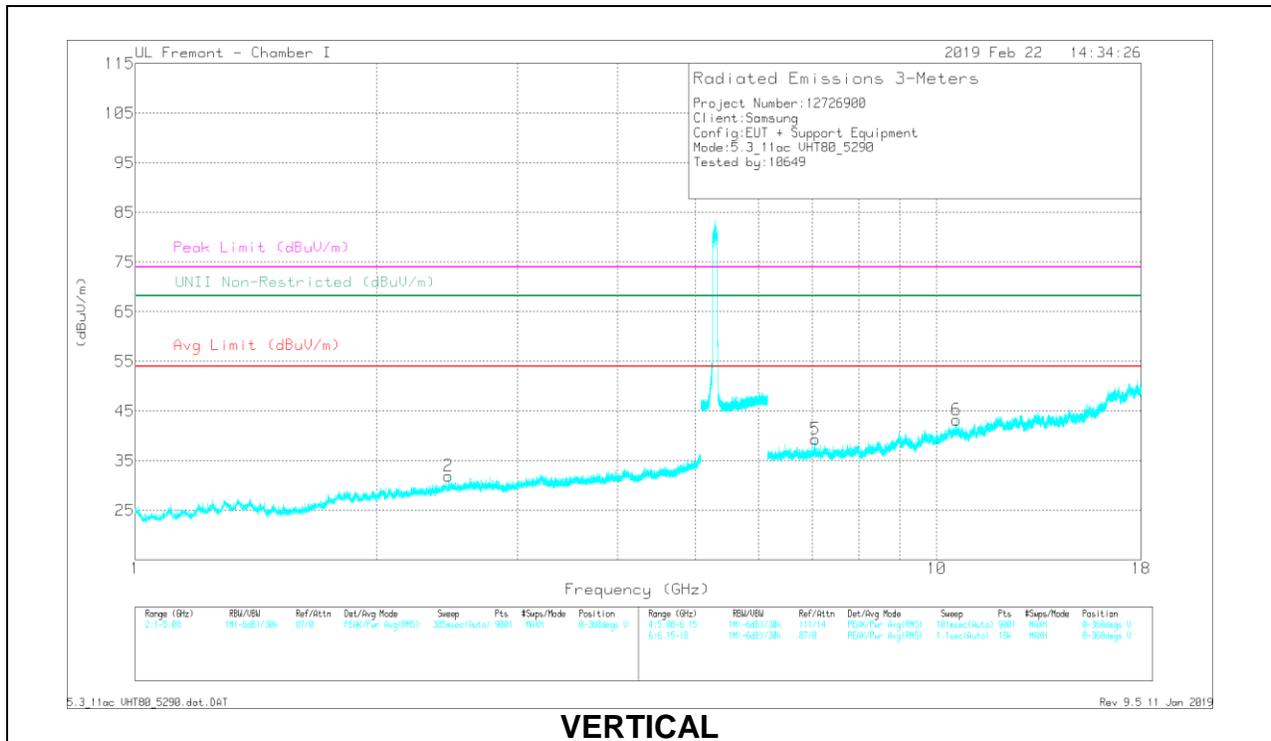
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(C20/F10)/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
* 2.661	35.35	PK-U	32.5	-31.4	0	36.45	-	-	74	-37.55	-	-	154	166	H
* 2.66	27.6	ADR	32.5	-31.4	.44	29.14	54	-24.86	-	-	-	-	154	166	H
2.461	33.67	PK-U	32.3	-31.6	0	34.57	-	-	-	-	68.2	-33.63	92	225	V
7.055	29.68	PK-U	35.5	-20.3	0	44.88	-	-	-	-	68.2	-23.32	237	116	H
* 11.551	27.13	PK-U	38.3	-16.6	0	48.83	-	-	74	-25.17	-	-	106	156	H
* 11.553	17.67	ADR	38.3	-16.6	.44	39.81	54	-14.19	-	-	-	-	106	156	H
7.053	31.51	PK-U	35.6	-20.3	0	46.81	-	-	-	-	68.2	-21.39	208	116	V
10.58	29.28	PK-U	37.6	-16.8	0	50.08	-	-	-	-	68.2	-18.12	220	110	V

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

PK-U - U-NII: Maximum Peak

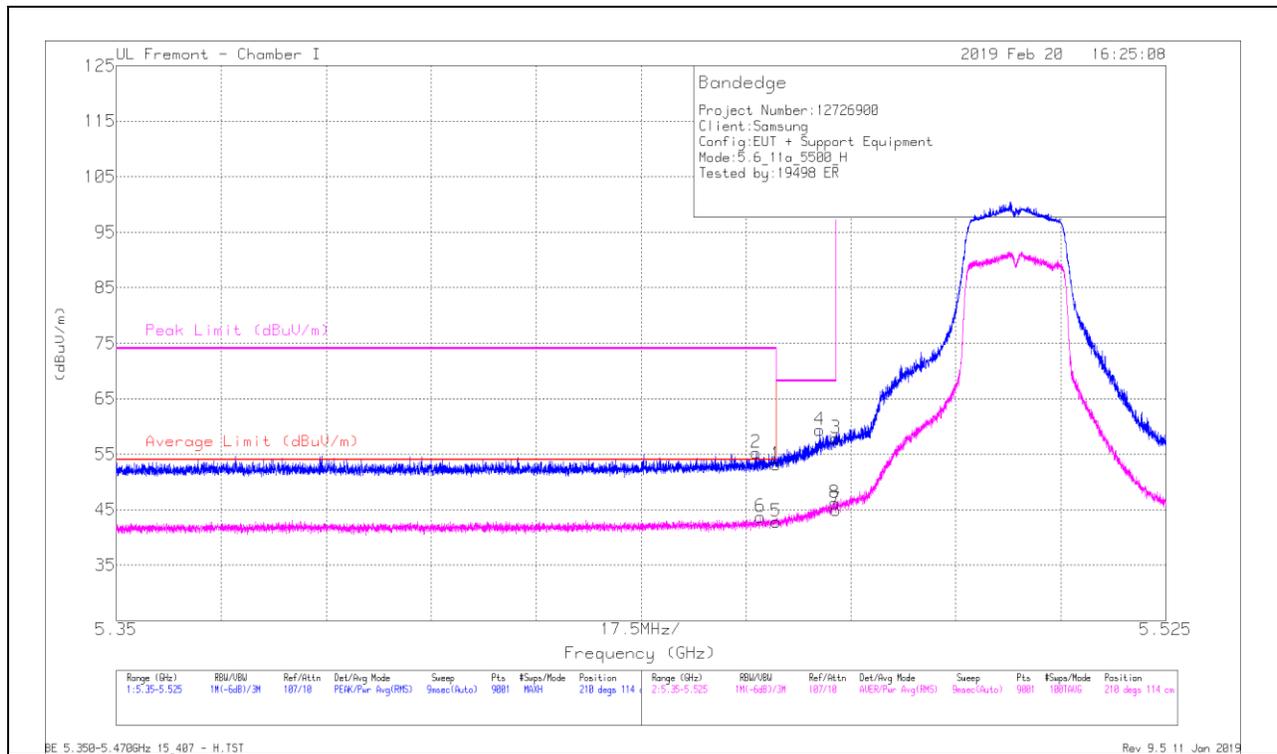
ADR - U-NII AD primary method, RMS average

**10.1.9. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



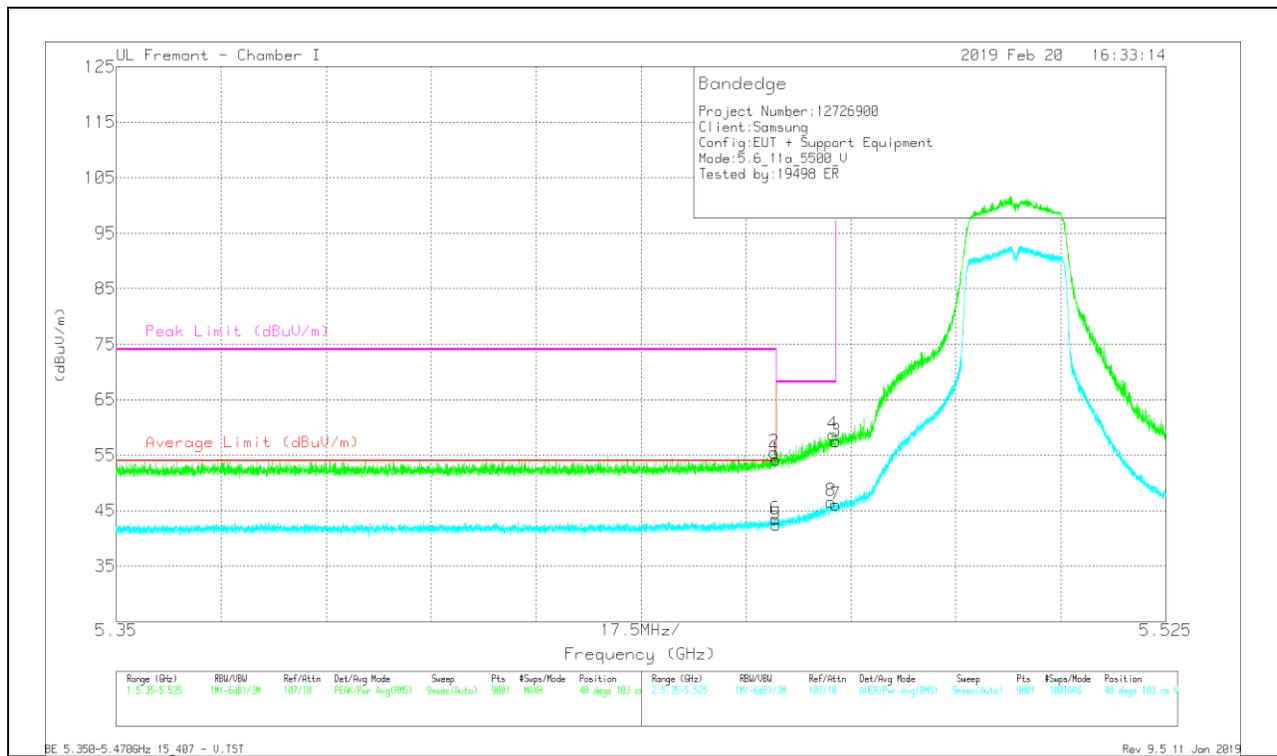
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T662 (dBm)	Amp/Ch/Filter/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.48	Pk	34.6	-17.9	0	53.18	-	-	74	-20.82	210	114	H
2	* 5.457	38.61	Pk	34.6	-17.9	0	55.31	-	-	74	-18.69	210	114	H
3	5.47	41.11	Pk	34.6	-17.9	0	57.81	-	-	68.2	-10.39	210	114	H
4	5.467	42.71	Pk	34.6	-18	0	59.31	-	-	68.2	-8.89	210	114	H
5	* 5.46	26.05	RMS	34.6	-17.9	.09	42.84	54	-11.16	-	-	210	114	H
6	* 5.457	26.88	RMS	34.6	-17.9	.09	43.67	54	-10.33	-	-	210	114	H
7	5.47	28.15	RMS	34.6	-17.9	.09	44.94	-	-	-	-	210	114	H
8	5.47	29.5	RMS	34.6	-18	.09	46.19	-	-	-	-	210	114	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

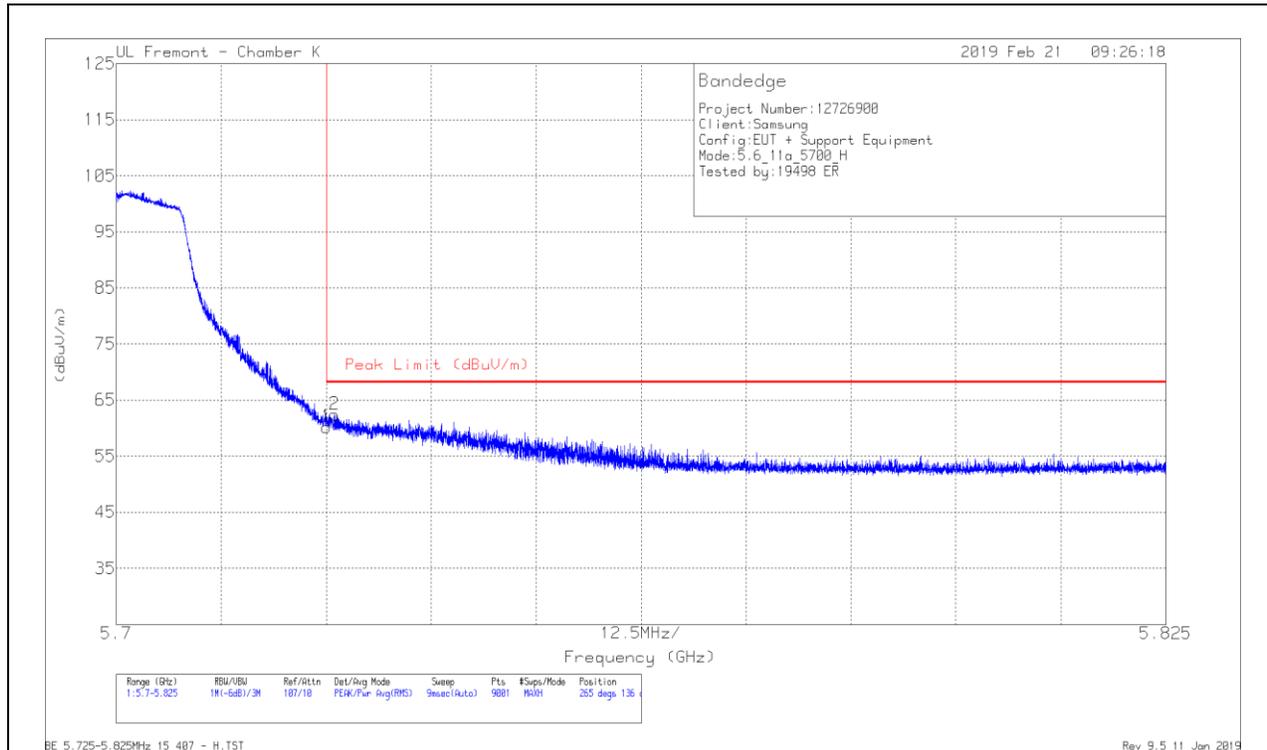


Marker	Frequency (GHz)	Meter Reading (dBu)	Det	AF T862 (dB/m)	Amp/Cal/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.44	Pk	34.6	-17.9	0	54.14	-	-	74	-19.86	48	103	V
2	* 5.46	38.84	Pk	34.6	-17.9	0	55.54	-	-	74	-18.46	48	103	V
3	5.47	40.76	Pk	34.6	-17.9	0	57.46	-	-	68.2	-10.74	48	103	V
4	5.469	42.13	Pk	34.6	-18	0	58.73	-	-	68.2	-9.47	48	103	V
5	* 5.46	25.65	RMS	34.6	-17.9	.09	42.44	54	-11.56	-	-	48	103	V
6	* 5.46	25.71	RMS	34.6	-17.9	.09	43.5	54	-10.5	-	-	48	103	V
7	5.47	29.25	RMS	34.6	-17.9	.09	46.04	-	-	-	-	48	103	V
8	5.469	29.94	RMS	34.6	-18	.09	46.63	-	-	-	-	48	103	V

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

**BANDEDGE (HIGH CHANNEL)**

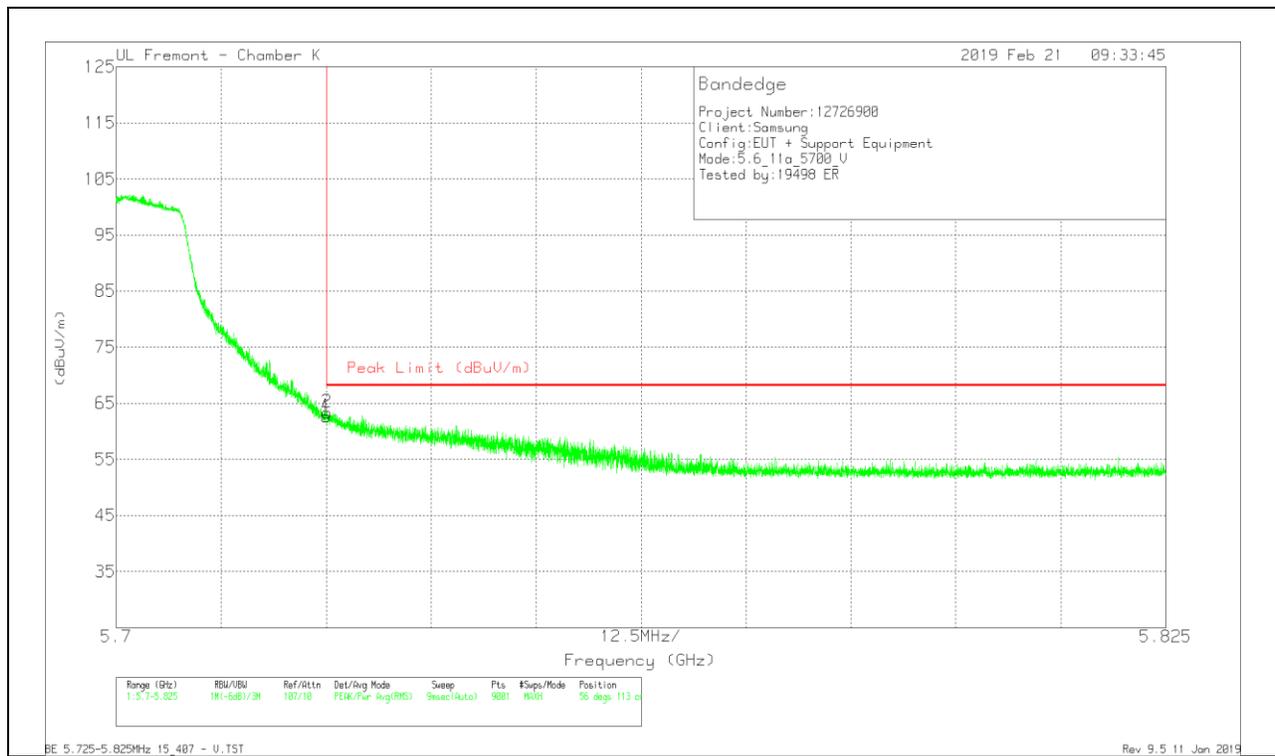
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.24	Pk	34.9	-19	60.14	68.2	-8.06	265	136	H
2	5.726	46.54	Pk	34.9	-19	62.44	68.2	-5.76	265	136	H

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

### VERTICAL RESULT

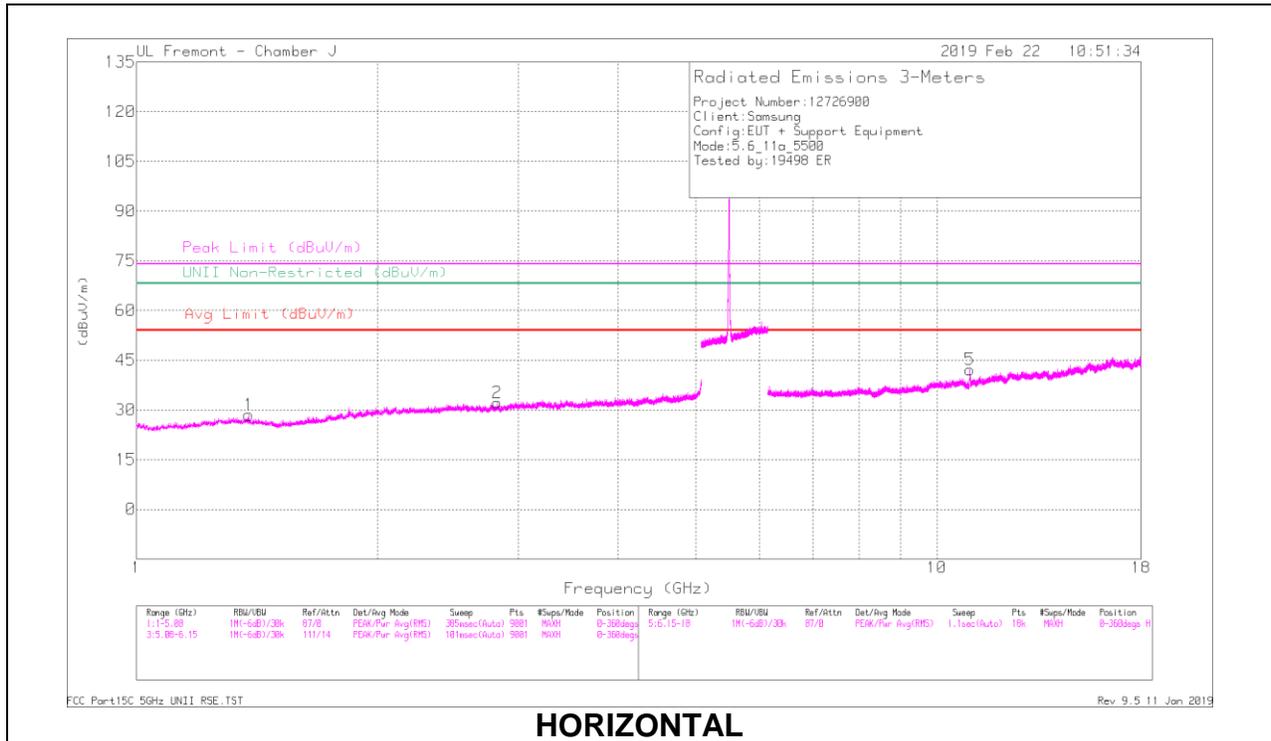


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.78	Pk	34.9	-19	62.68	68.2	-5.52	56	113	V
2	5.725	47.43	Pk	34.9	-19	63.33	68.2	-4.87	56	113	V

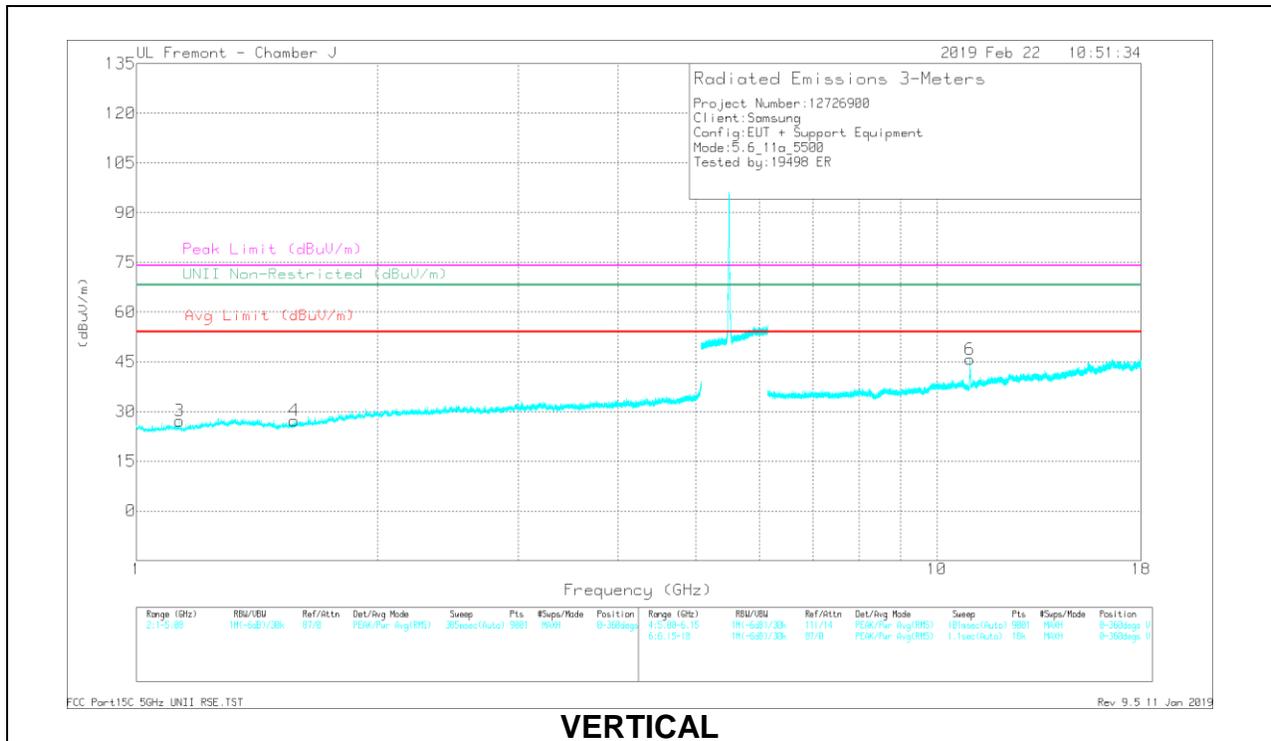
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



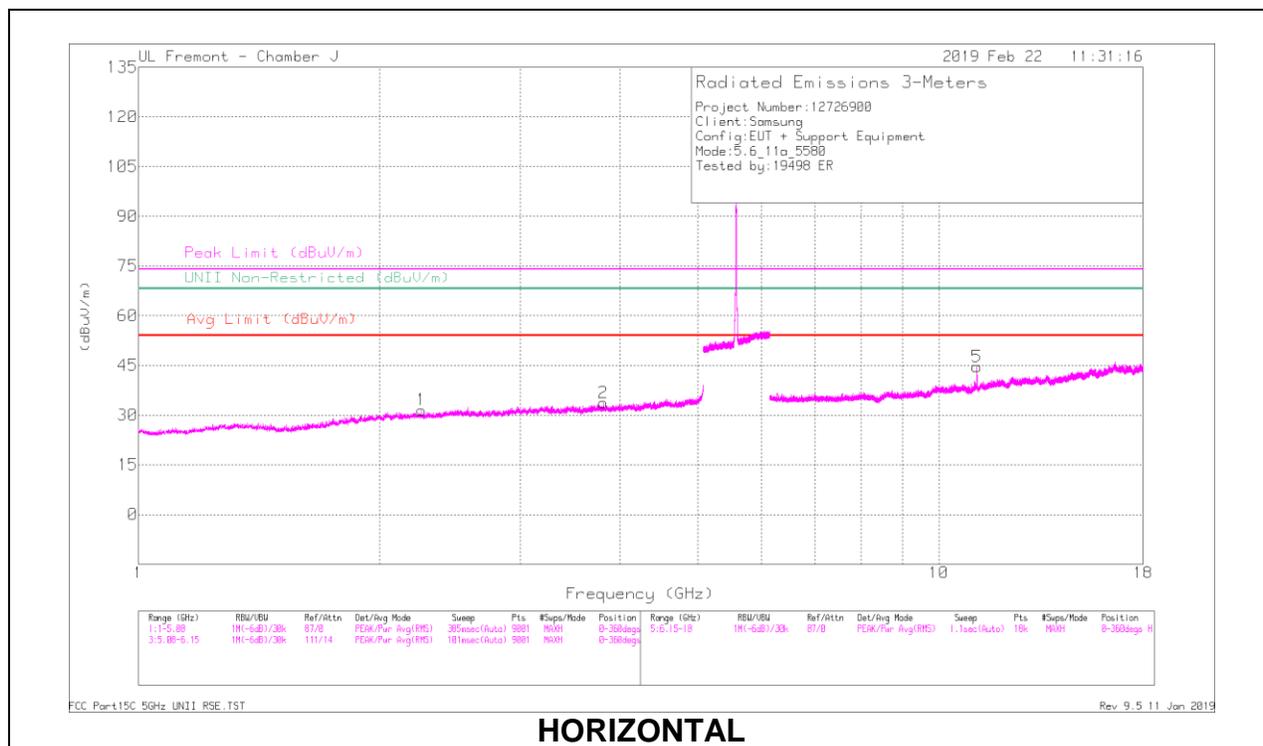
**VERTICAL**

**RADIATED EMISSIONS**

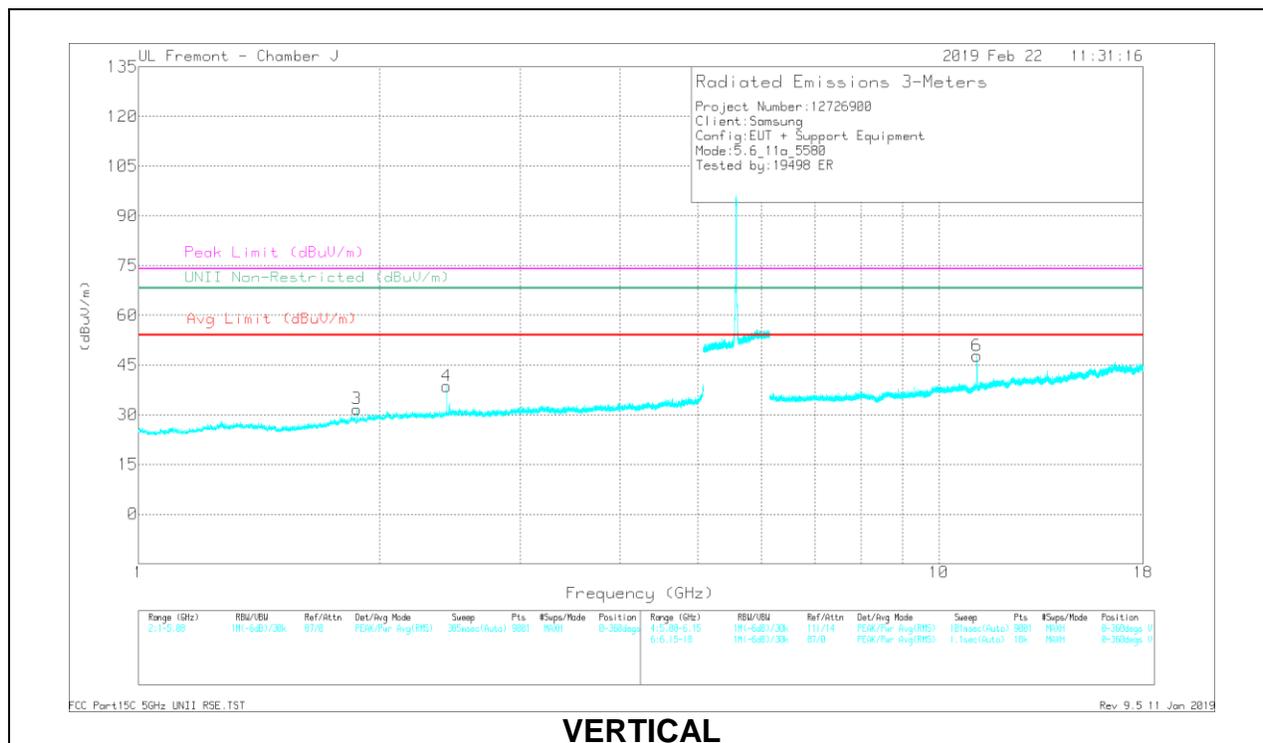
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dB/m)	Amp(C20/P10/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.38	41.49	PK-U	29.1	-35.9	0	34.69	-	-	74	-39.31	-	-	131	217	H
* 1.38	31.55	ADR	29.1	-35.9	.09	24.84	54	-29.16	-	-	-	-	131	217	H
* 2.824	41.37	PK-U	32.5	-34.9	0	38.97	-	-	74	-35.03	-	-	246	179	H
* 2.824	31.72	ADR	32.5	-34.9	.09	29.41	54	-24.59	-	-	-	-	246	179	H
* 1.131	40.5	PK-U	27.6	-35.7	0	32.4	-	-	74	-41.6	-	-	326	170	V
* 1.132	31.43	ADR	27.6	-35.7	.09	23.42	54	-30.58	-	-	-	-	326	170	V
* 1.575	41.71	PK-U	28.3	-35.8	0	34.21	-	-	74	-39.79	-	-	351	103	V
* 1.575	32.12	ADR	28.3	-35.8	.09	24.71	54	-29.29	-	-	-	-	351	103	V
* 11.001	38.31	PK-U	37.8	-24.5	0	51.61	-	-	74	-22.39	-	-	263	103	H
* 11	27.98	ADR	37.8	-24.6	.09	41.27	54	-12.73	-	-	-	-	263	103	H
* 11.002	43.18	PK-U	37.8	-24.5	0	56.48	-	-	74	-17.52	-	-	14	103	V
* 11	32.67	ADR	37.8	-24.6	.09	45.96	54	-8.04	-	-	-	-	14	103	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**

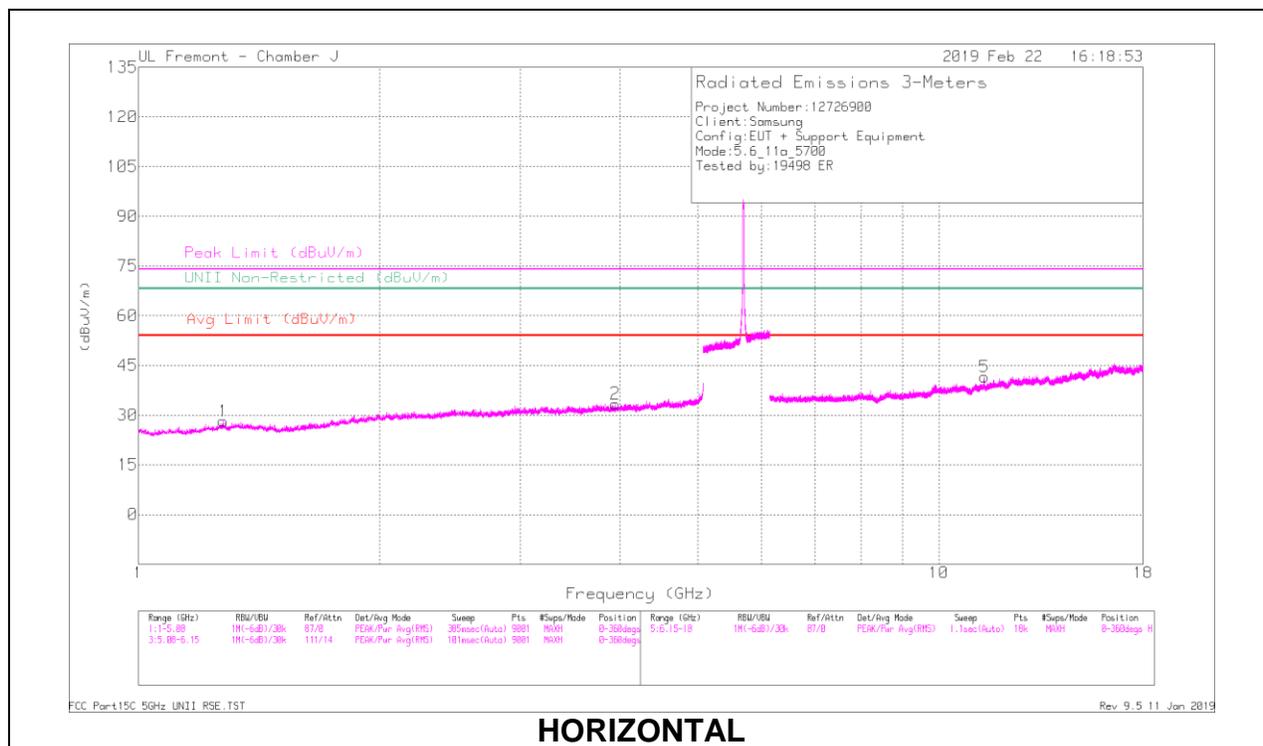
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A7067 (dB/m)	AmpC20/P10/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.257	42.18	PK-U	31.9	-35.6	0	38.48	-	-	74	-35.52	-	-	169	161	H
* 2.258	31.54	ADR	31.9	-35.6	.09	27.93	54	-26.07	-	-	-	-	169	161	H
* 3.808	39.51	PK-U	33.5	-32.8	0	40.21	-	-	74	-33.79	-	-	21	182	H
* 3.808	29.01	ADR	33.5	-32.8	.09	29.8	54	-24.2	-	-	-	-	21	182	H
* 11.16	37.99	PK-U	37.8	-24.2	0	51.59	-	-	74	-22.41	-	-	354	126	H
* 11.16	28.41	ADR	37.8	-24.2	.09	42.1	54	-11.9	-	-	-	-	354	126	H
* 11.161	41.86	PK-U	37.8	-24.2	0	55.46	-	-	74	-18.54	-	-	345	106	V
* 11.16	32.37	ADR	37.8	-24.2	.09	46.06	54	-7.94	-	-	-	-	345	106	V

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

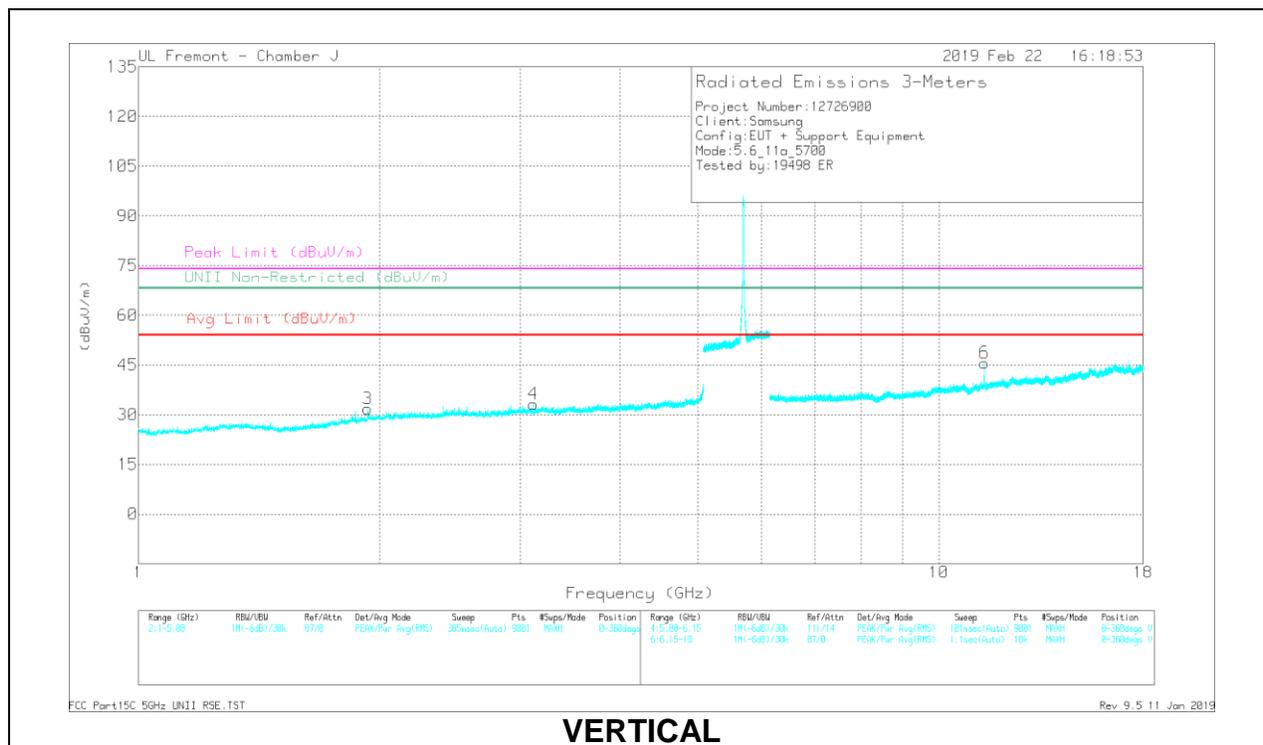
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



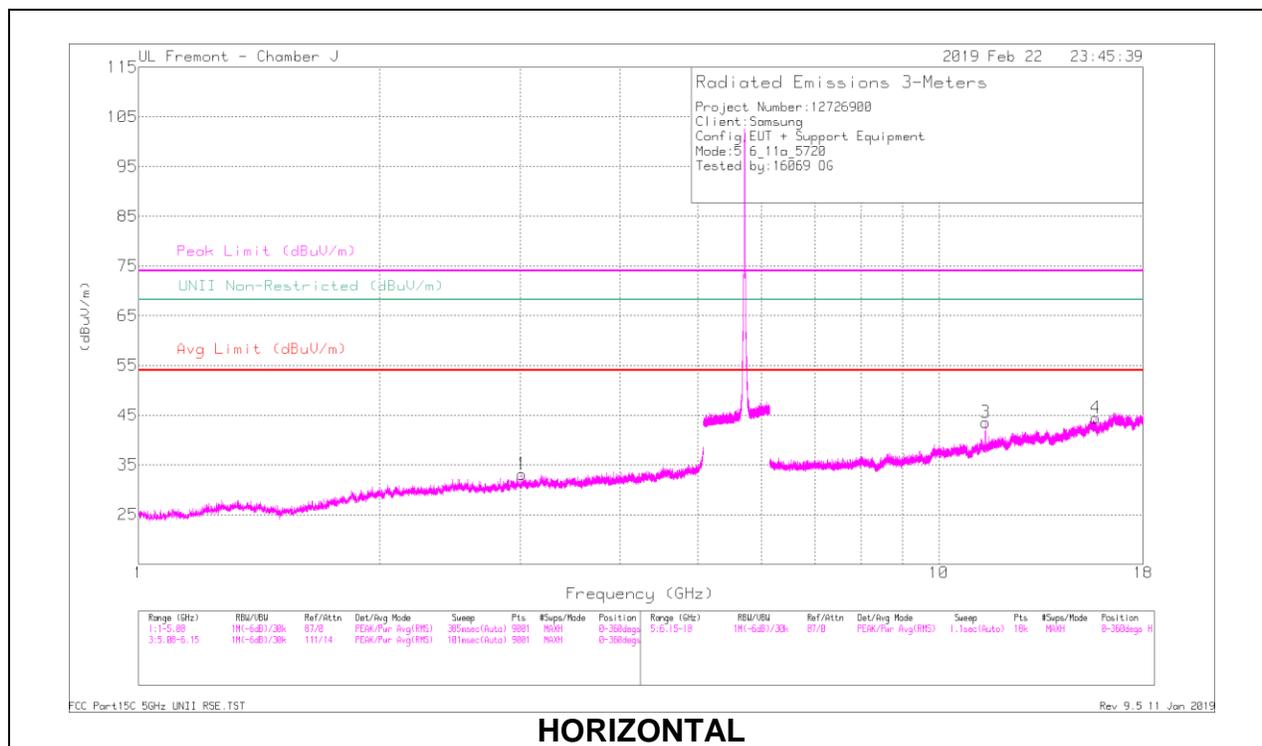
**VERTICAL**

**RADIATED EMISSIONS**

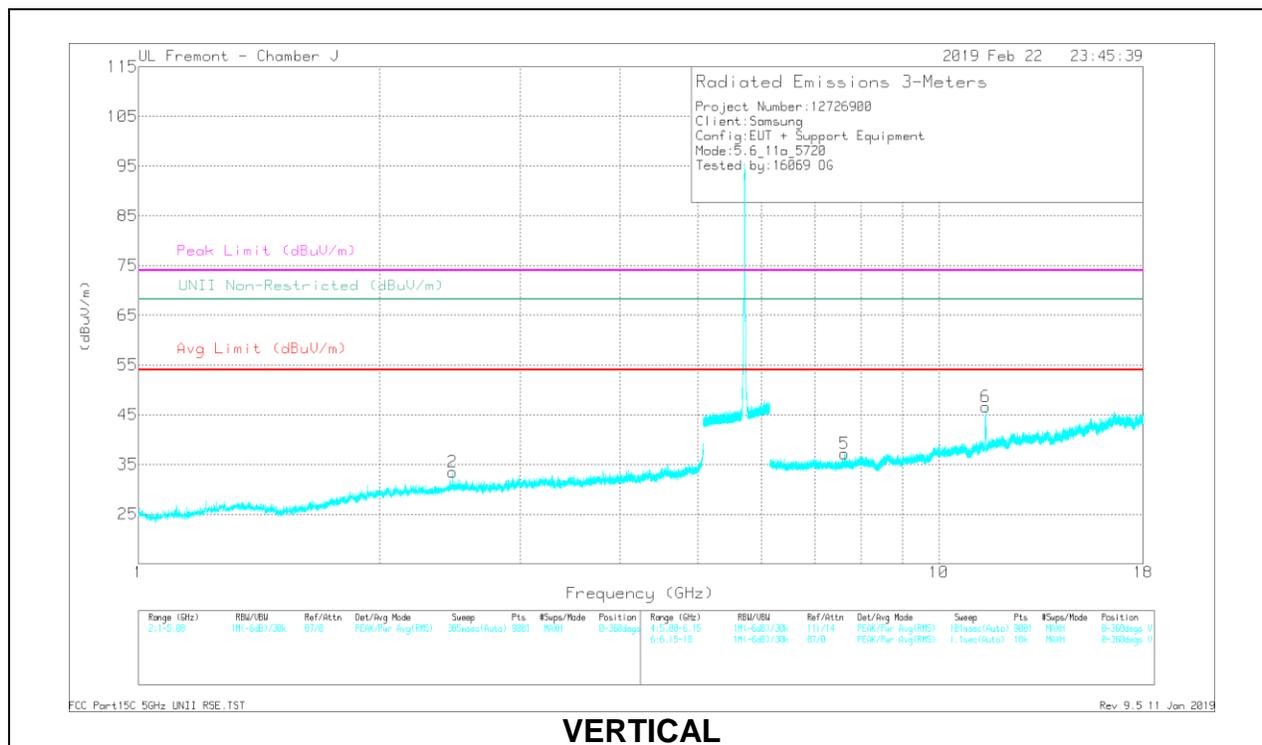
Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dB/m)	AmpC20/F20/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.276	42.81	PK-U	29.1	-35.9	0	36.01	-	-	74	-37.99	-	-	278	113	H
* 1.276	31.31	ADR	29.1	-35.9	.09	24.6	54	-29.4	-	-	-	-	278	113	H
* 3.941	39.42	PK-U	33.4	-32.7	0	40.12	-	-	74	-33.88	-	-	129	135	H
* 3.941	29.03	ADR	33.4	-32.7	.09	29.82	54	-24.18	-	-	-	-	129	135	H
1.933	41.51	PK-U	31.1	-35.8	0	36.81	-	-	-	-	68.2	-31.39	83	179	V
3.113	40.94	PK-U	33.1	-34.5	0	39.54	-	-	-	-	68.2	-28.66	178	206	V
* 11.401	34.33	PK-U	38.1	-23.3	0	49.13	-	-	74	-24.87	-	-	107	241	H
* 11.4	26.32	ADR	38.1	-23.3	.09	41.21	54	-12.79	-	-	-	-	107	241	H
* 11.4	38.1	PK-U	38.1	-23.3	0	52.9	-	-	74	-21.1	-	-	116	103	V
* 11.4	30.85	ADR	38.1	-23.3	.09	45.74	54	-8.26	-	-	-	-	116	103	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 144 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Frequency (GHz)	Meter Reading (dBuV)	Det	AF A10067 (dB/m)	Amp(C20/P10/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
3.013	40.97	PK-U	33	-34.7	0	39.27	-	-	-	-	68.2	-28.93	354	397	H
2.47	42.32	PK-U	32.5	-35.5	0	39.32	-	-	-	-	68.2	-28.88	56	362	V
* 11.44	37.67	PK-U	38.2	-23.3	0	52.57	-	-	74	-21.43	-	-	353	125	H
* 11.44	27.36	ADR	38.2	-23.3	.09	42.35	54	-11.65	-	-	-	-	353	125	H
* 15.699	31.98	PK-U	40.4	-20.3	0	52.08	-	-	74	-21.92	-	-	360	236	H
* 15.699	21.51	ADR	40.4	-20.3	.09	41.7	54	-12.3	-	-	-	-	360	236	H
* 7.627	37.53	PK-U	35.7	-27.5	0	45.73	-	-	74	-28.27	-	-	211	104	V
* 7.627	28.95	ADR	35.7	-27.5	.09	37.24	54	-16.76	-	-	-	-	211	104	V
* 11.44	40.98	PK-U	38.2	-23.3	0	55.88	-	-	74	-18.12	-	-	348	102	V
* 11.44	31.29	ADR	38.2	-23.3	.09	46.28	54	-7.72	-	-	-	-	348	102	V

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

PK-U - U-NII: Maximum Peak

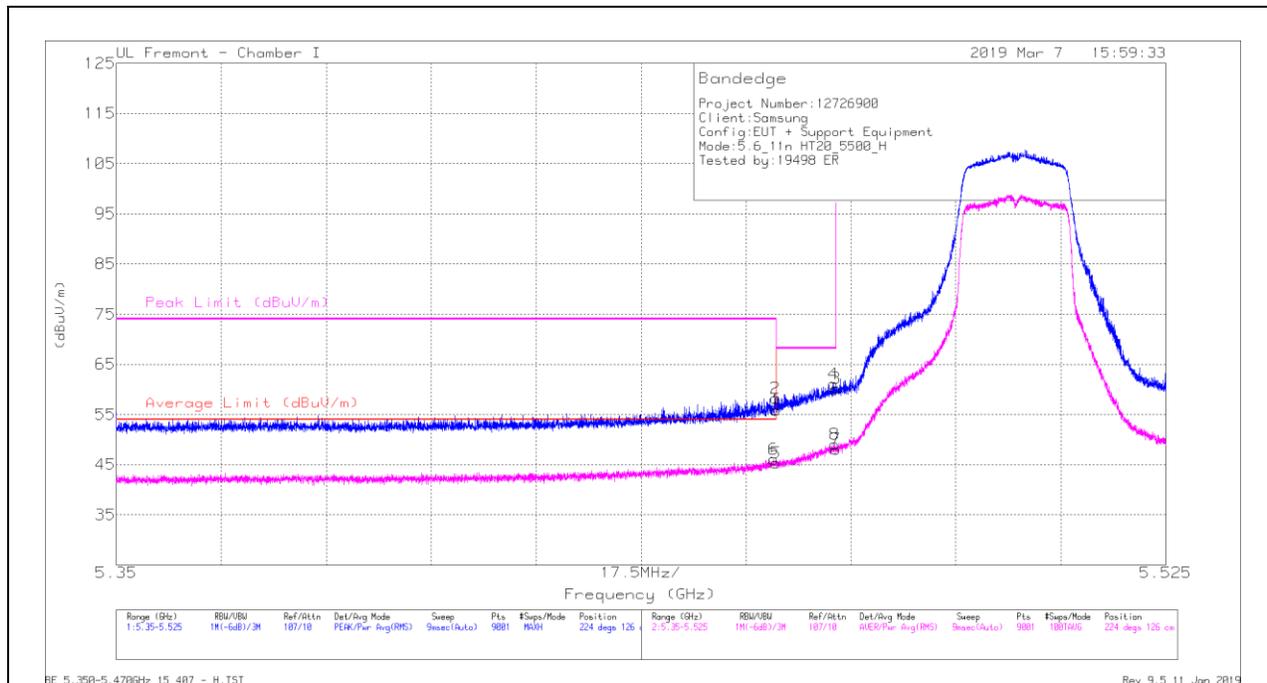
ADR - U-NII AD primary method, RMS average

**10.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

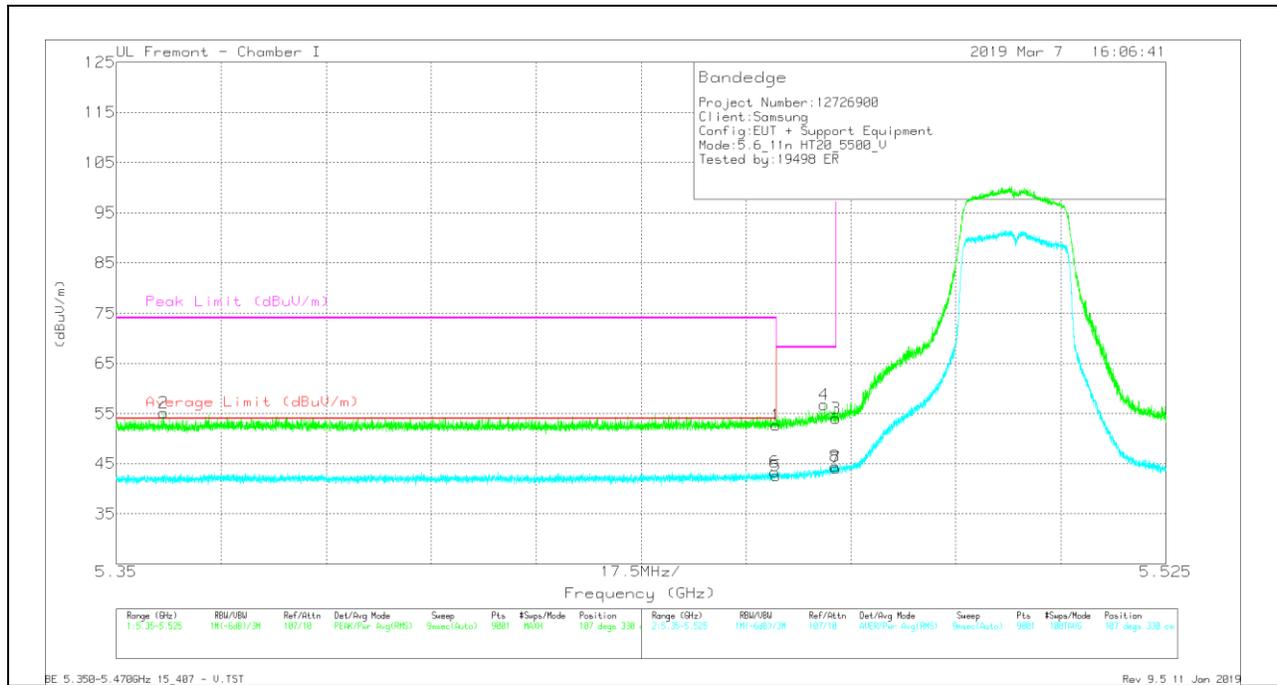


**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 5.46	39.14	Pk	34.6	-17.9	0	55.84	-	-	74	-18.16	224	126	H
2	* 5.46	41.54	Pk	34.6	-17.9	0	58.24	-	-	74	-15.76	224	126	H
3	5.47	43.53	Pk	34.6	-17.9	0	60.23	-	-	68.2	-7.97	224	126	H
4	5.47	44.5	Pk	34.6	-18	0	61.1	-	-	68.2	-7.1	224	126	H
5	* 5.46	28.47	RMS	34.6	-17.9	.1	45.27	54	-8.73	-	-	224	126	H
6	* 5.46	29.23	RMS	34.6	-17.9	.1	46.03	54	-7.97	-	-	224	126	H
7	5.47	31.21	RMS	34.6	-17.9	.1	48.01	-	-	-	-	224	126	H
8	5.47	32.32	RMS	34.6	-18	.1	49.02	-	-	-	-	224	126	H

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

### VERTICAL RESULT



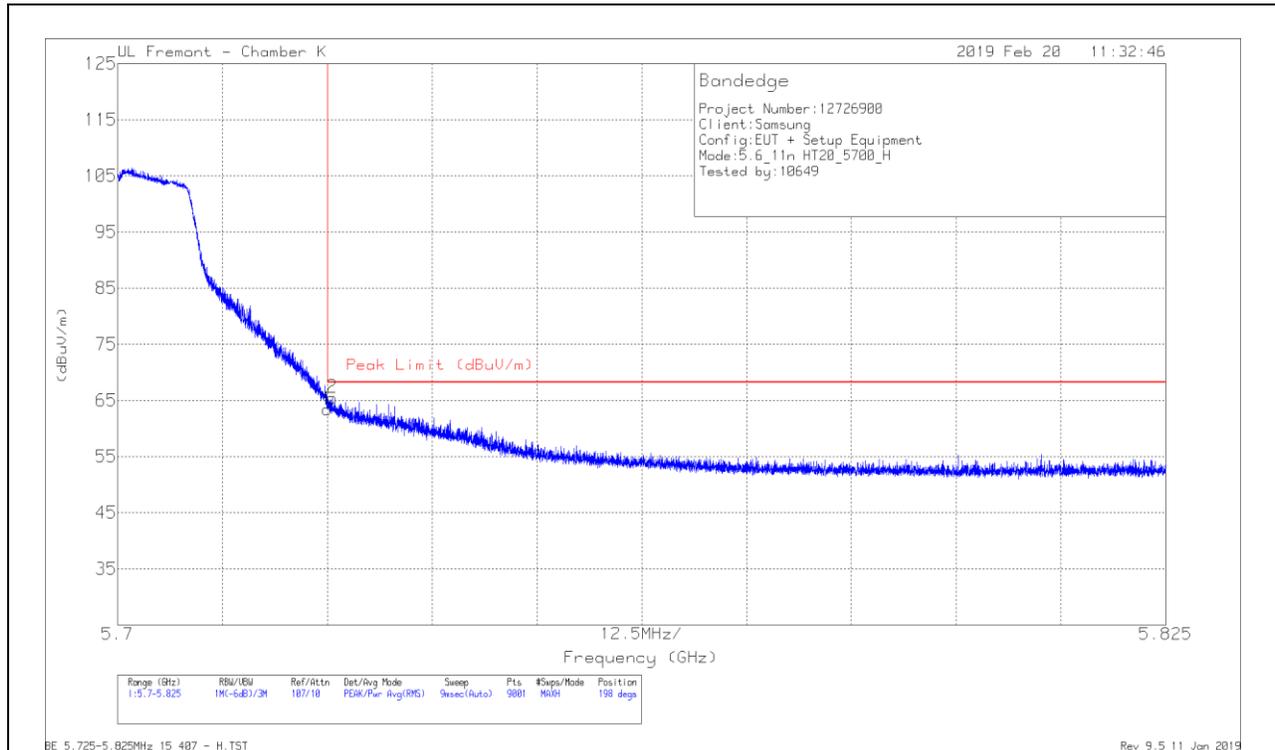
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 5.46	35.93	Pk	34.6	-17.9	0	52.63	-	-	74	-21.37	107	330	V
2	* 5.358	38.89	Pk	34.4	-18.2	0	55.09	-	-	74	-18.91	107	330	V
3	5.47	37.3	Pk	34.6	-17.9	0	54	-	-	68.2	-14.2	107	330	V
4	5.468	40.17	Pk	34.6	-18	0	56.77	-	-	68.2	-11.43	107	330	V
5	* 5.46	25.76	RMS	34.6	-17.9	.1	42.56	54	-11.44	-	-	107	330	V
6	* 5.46	26.54	RMS	34.6	-17.9	.1	43.34	54	-10.66	-	-	107	330	V
7	5.47	27.3	RMS	34.6	-17.9	.1	44.1	-	-	-	-	107	330	V
8	5.47	27.72	RMS	34.6	-18	.1	44.42	-	-	-	-	107	330	V

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

**BANEDGE (HIGH CHANNEL)**

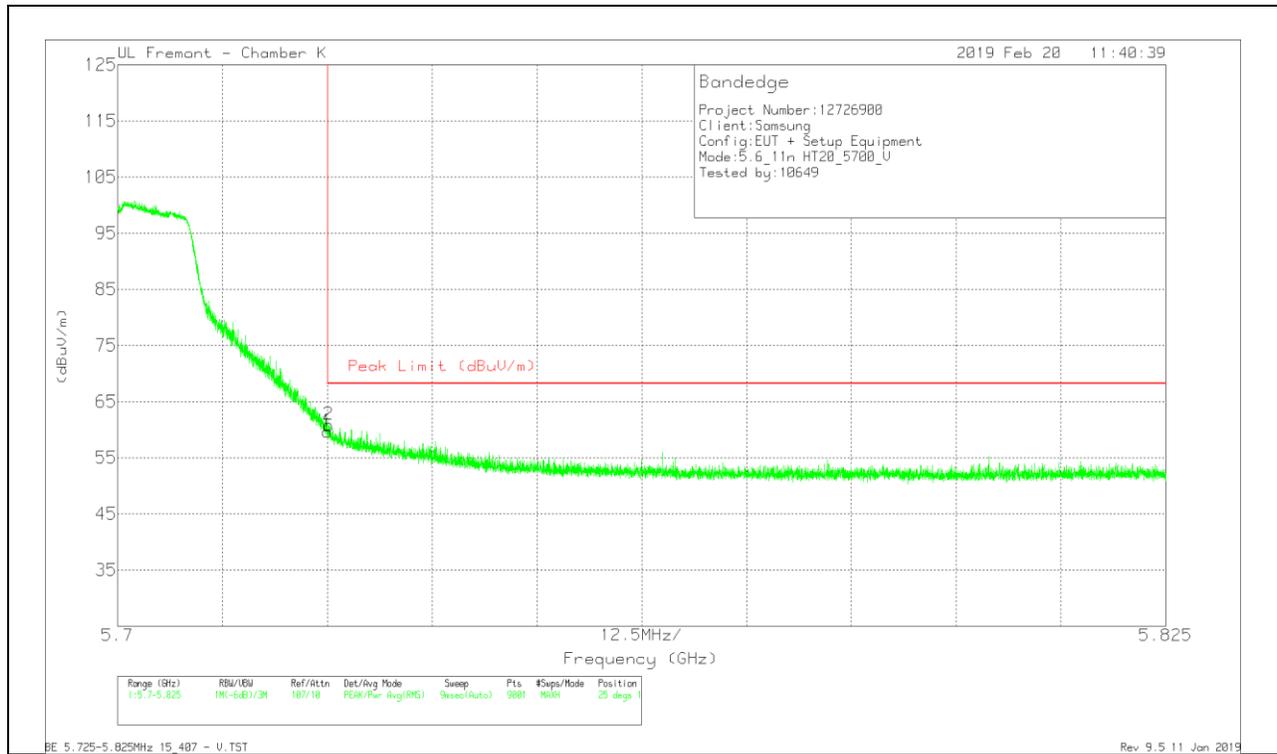
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cb/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.53	Pk	34.9	-19	63.43	68.2	-4.77	198	115	H
2	5.726	49.6	Pk	34.9	-19	65.5	68.2	-2.7	198	115	H

Pk - Peak detector

### VERTICAL RESULT

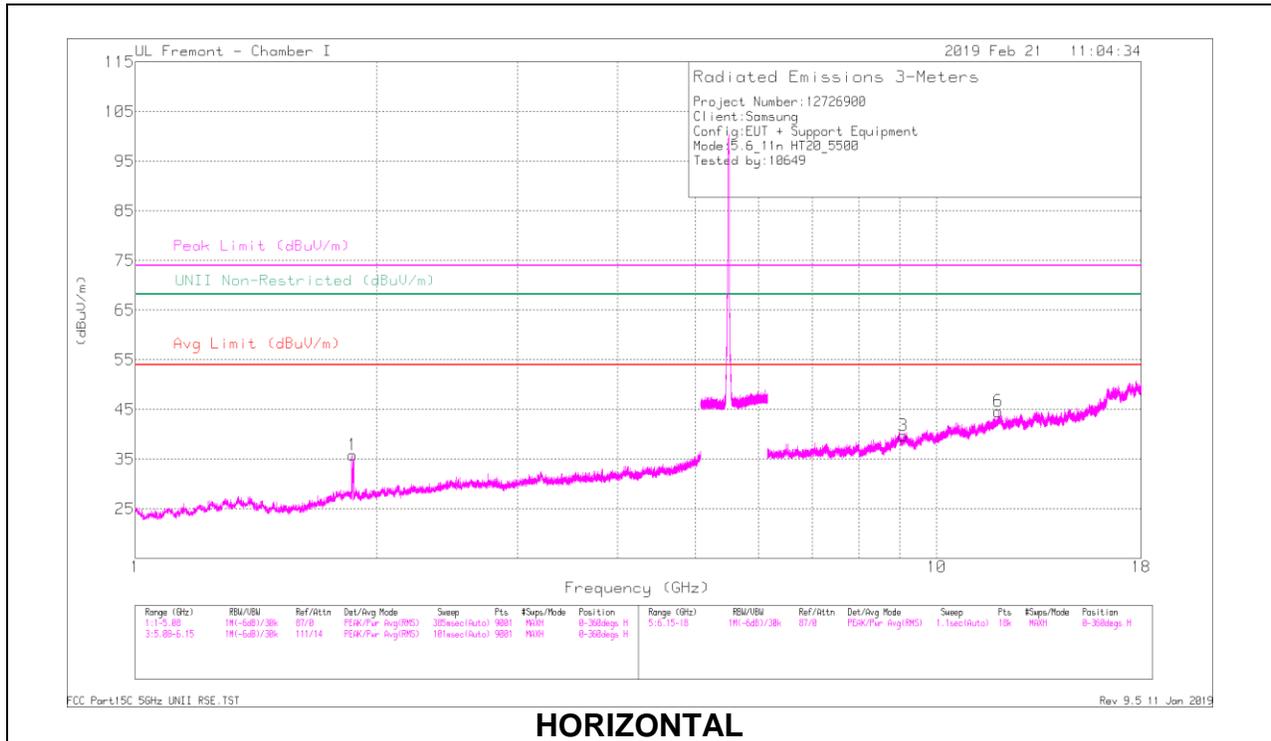


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.75	Pk	34.9	-19	59.65	68.2	-8.55	25	105	V
2	5.725	44.93	Pk	34.9	-19	60.83	68.2	-7.37	25	105	V

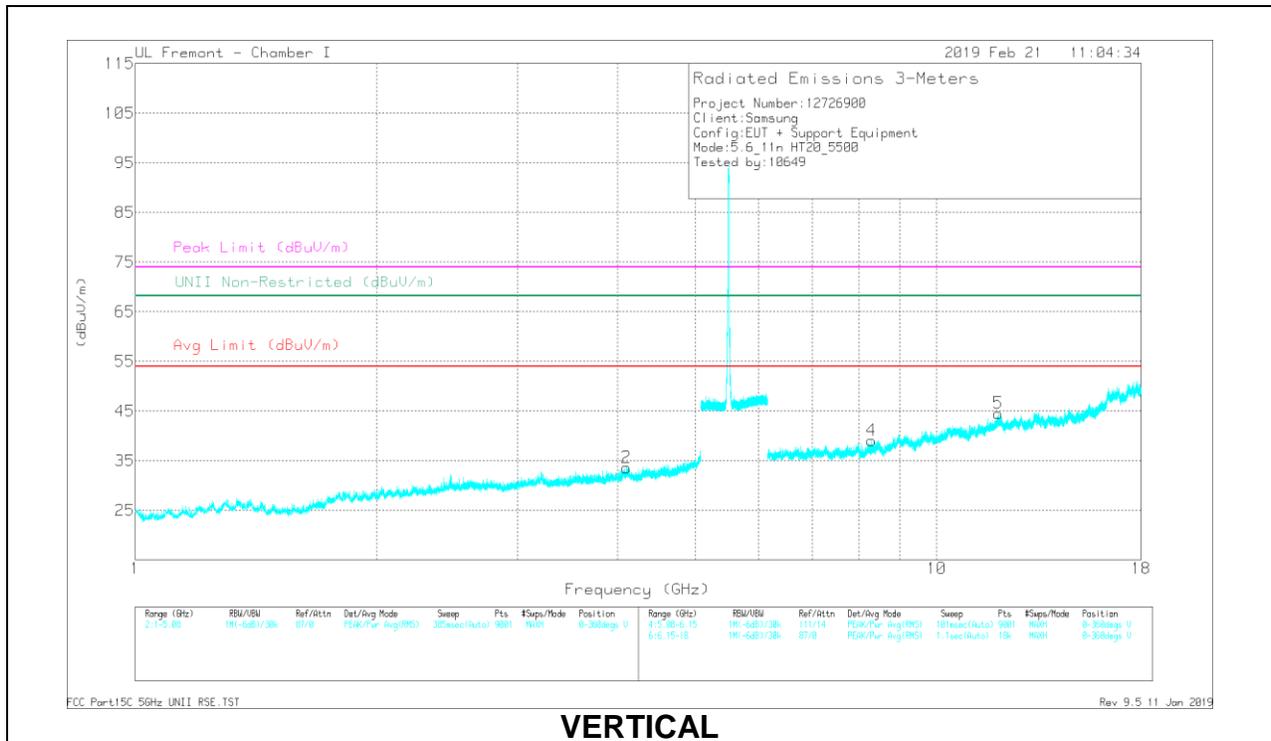
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



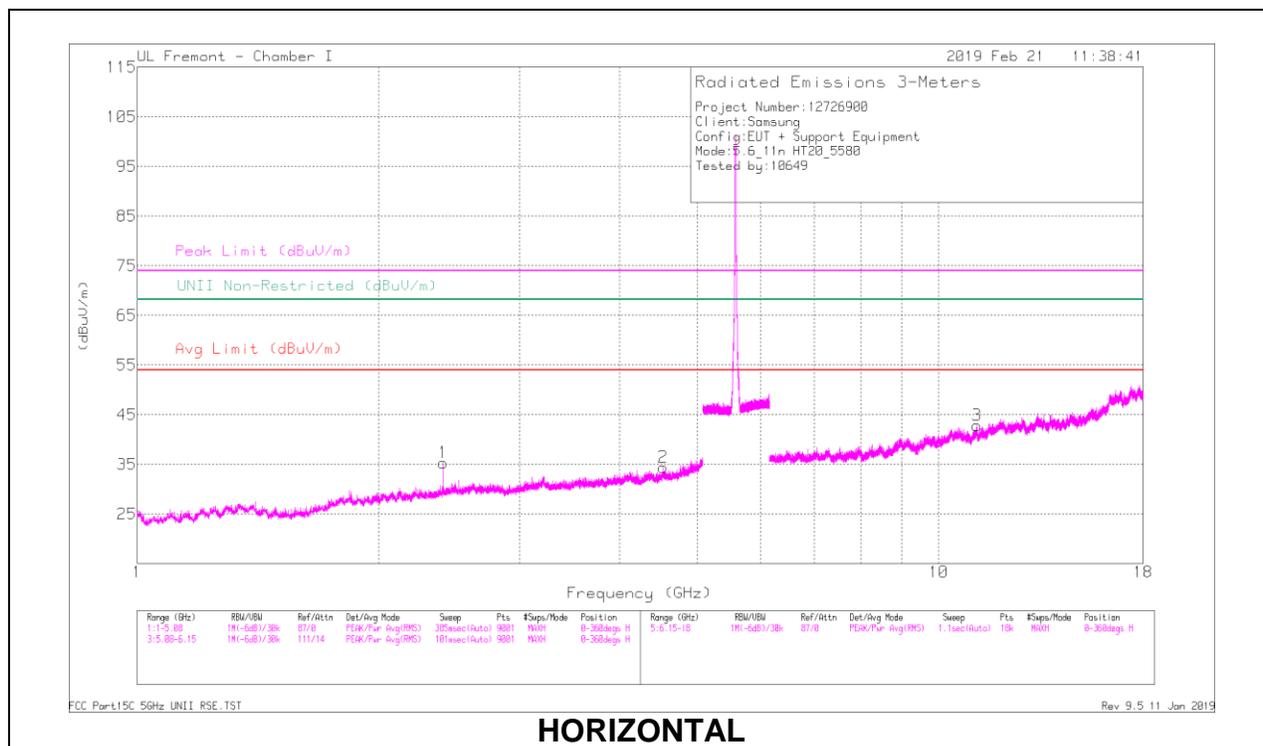
**VERTICAL**

**RADIATED EMISSIONS**

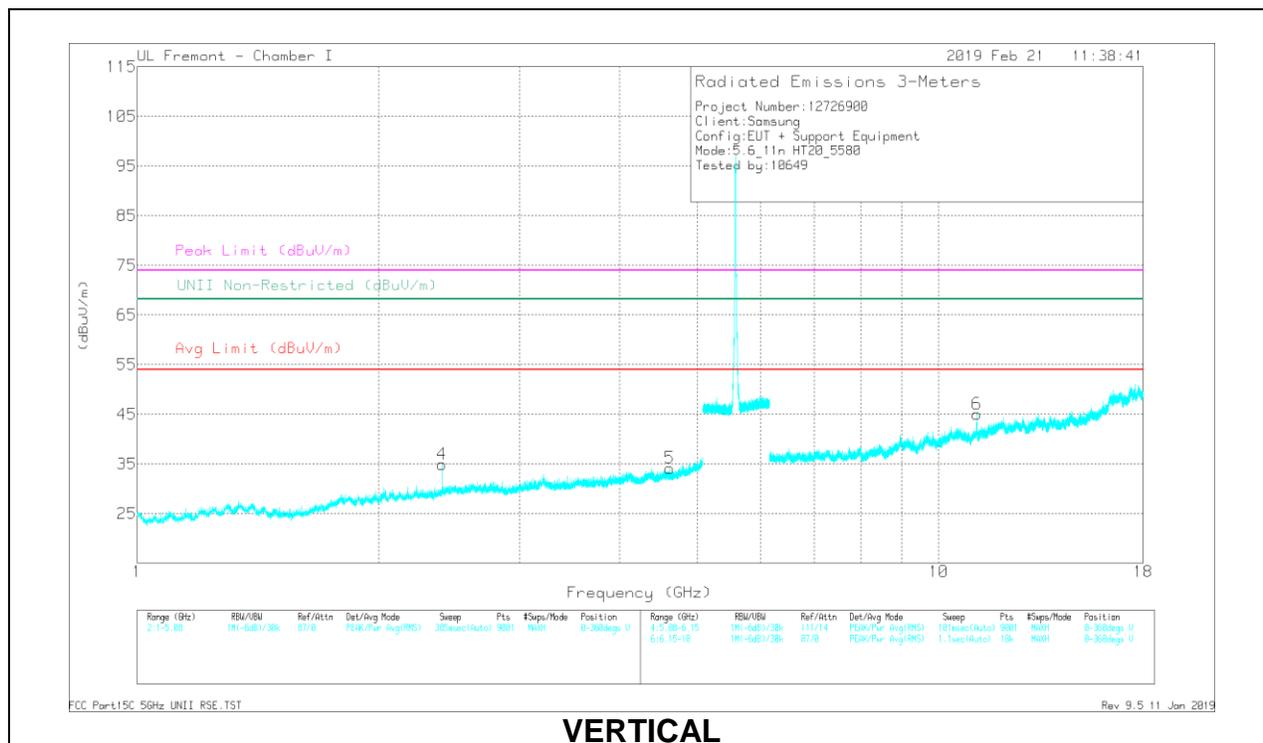
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.87	37.58	PK-U	30.8	-32.6	0	35.78	-	-	-	-	68.2	-32.42	58	105	H
2	* 4.1	34.99	PK-U	33.4	-28	0	40.39	-	-	74	-33.81	-	-	113	350	V
	* 4.1	23.05	ADR	33.4	-28	1	30.55	54	-23.45	-	-	-	-	113	350	V
3	* 9.081	28.85	PK-U	36.3	-18.3	0	46.85	-	-	74	-27.15	-	-	260	380	H
	* 9.081	19.1	ADR	36.3	-18.3	1	37.2	54	-16.8	-	-	-	-	260	380	H
6	* 11.934	27.3	PK-U	38.7	-16.2	0	49.8	-	-	74	-24.2	-	-	125	108	H
	* 11.931	18.93	ADR	38.7	-16.2	1	41.53	54	-12.47	-	-	-	-	125	108	H
4	* 8.298	28.33	PK-U	35.7	-19.7	0	44.33	-	-	74	-29.67	-	-	206	320	V
	* 8.298	19.54	ADR	35.7	-19.7	1	35.64	54	-18.36	-	-	-	-	206	320	V
5	* 11.94	23.39	PK-U	38.8	-16.2	0	50.99	-	-	74	-23.01	-	-	25	144	V
	* 11.937	19.07	ADR	38.8	-16.2	1	41.77	54	-12.23	-	-	-	-	25	144	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**



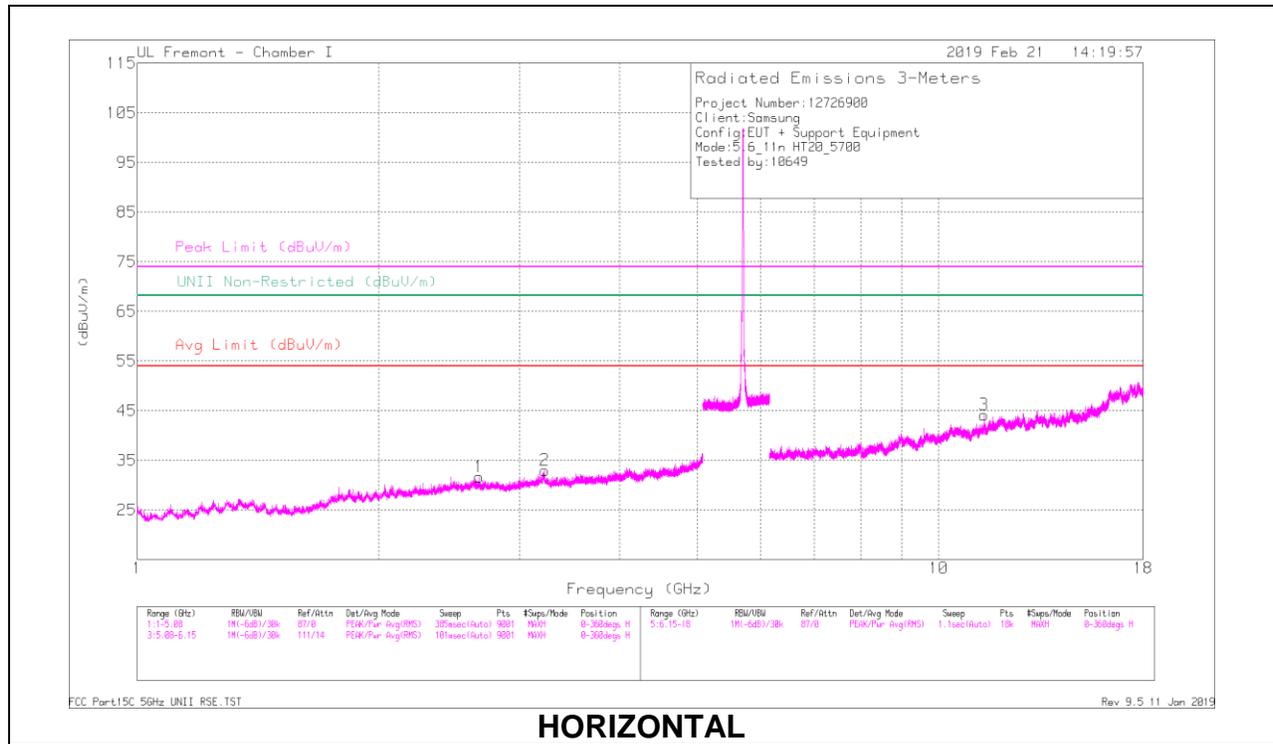
**VERTICAL**

**RADIATED EMISSIONS**

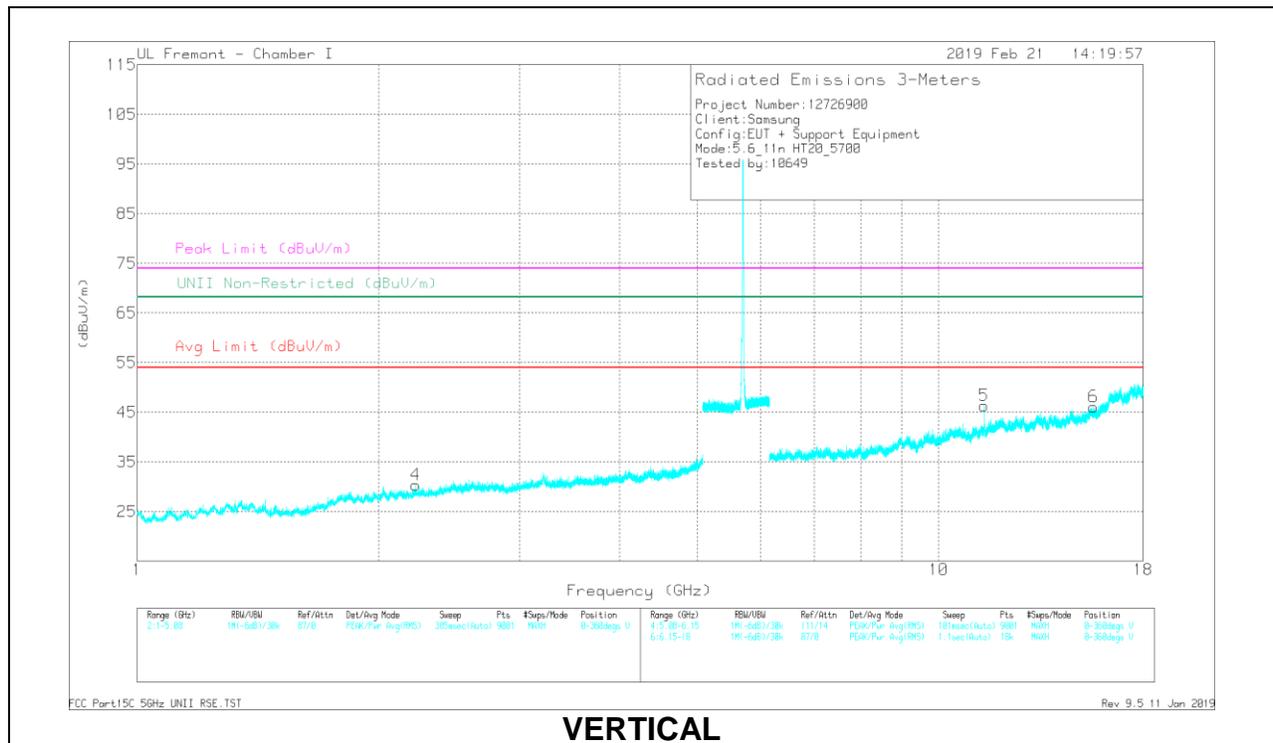
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp(C20/P10/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.408	38.02	PK2	32	-31.8	0	38.22	-	-	-	-	68.2	-29.98	210	361	H
2.408	37.25	PK-U	32	-31.8	0	37.45	-	-	-	-	68.2	-30.75	210	361	H
2.408	26.91	ADR	32	-31.9	.1	27.11	-	-	-	-	-	-	210	361	H
2.402	36.97	PK-U	32	-31.8	0	37.17	-	-	-	-	68.2	-31.03	218	324	V
* 4.617	35.57	PK-U	33.9	-28.9	0	40.57	-	-	74	-33.43	-	-	43	181	V
* 4.615	26.18	ADR	33.9	-28.9	.1	31.28	54	-22.72	-	-	-	-	43	181	V
* 11.161	30.36	PK-U	37.9	-16.6	0	51.66	-	-	74	-22.34	-	-	225	116	H
* 11.16	20.17	ADR	37.9	-16.6	.1	41.57	54	-12.43	-	-	-	-	225	116	H
* 11.16	31.68	PK-U	37.9	-16.6	0	52.98	-	-	74	-21.02	-	-	12	104	V
* 11.16	22.96	ADR	37.9	-16.6	.1	44.36	54	-9.64	-	-	-	-	12	104	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK2 - KDB558074 Method: Maximum Peak  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



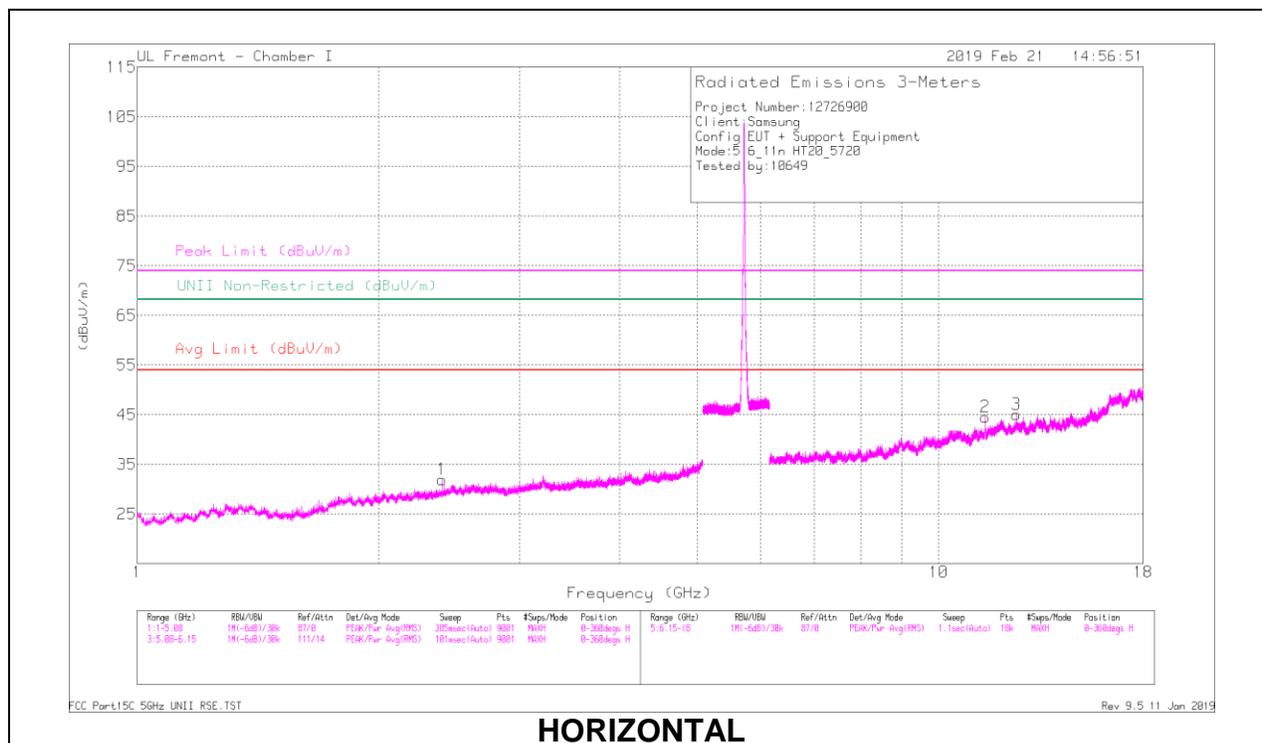
**VERTICAL**

**RADIATED EMISSIONS**

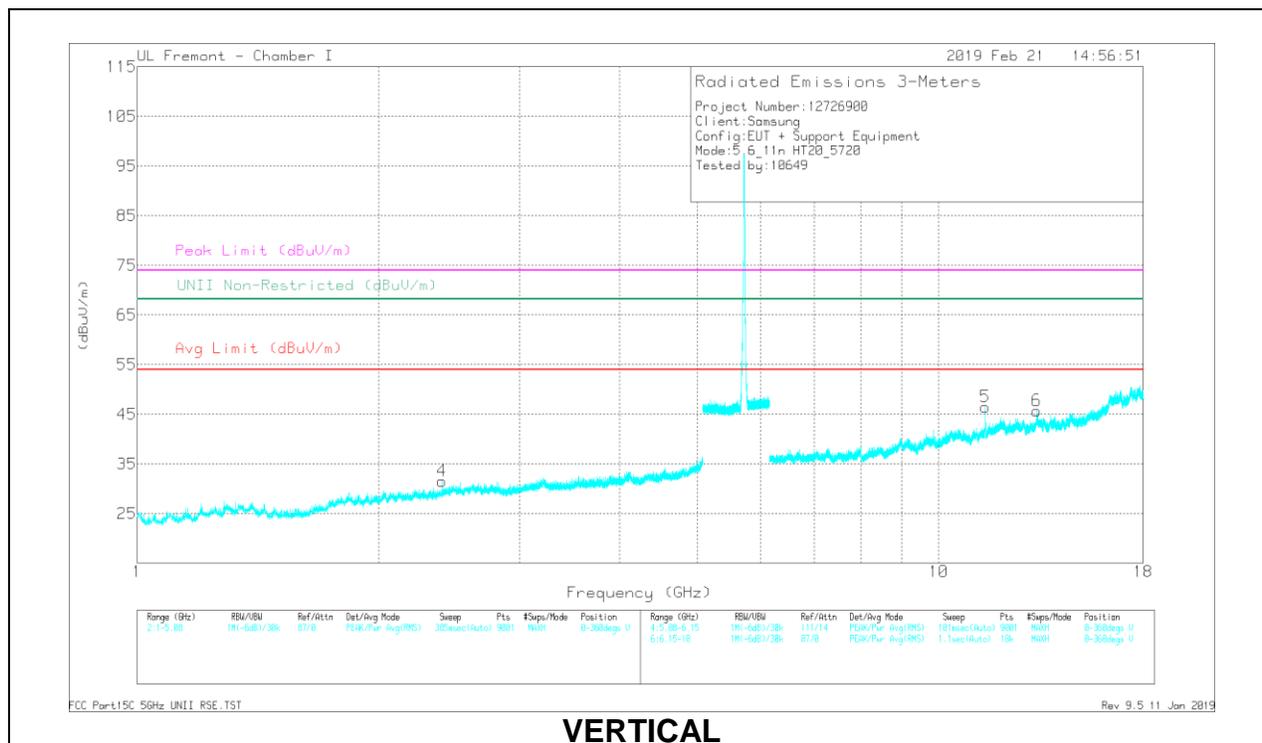
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.67	35.93	PK-U	32.5	-31.5	0	36.93	-	-	74	-37.07	-	-	136	170	H
	* 2.671	27.48	ADR	32.4	-31.5	.1	28.48	54	-25.52	-	-	-	-	136	170	H
2	3.227	35.87	PK-U	33	-29.8	0	39.07	-	-	-	-	68.2	-29.13	86	331	H
3	* 2.226	37.37	PK-U	31.5	-31.9	0	36.97	-	-	74	-37.03	-	-	350	222	V
	* 2.225	27.69	ADR	31.5	-31.9	.1	27.39	54	-26.61	-	-	-	-	350	222	V
4	* 11.401	28.78	PK-U	38.1	-16.1	0	50.78	-	-	74	-23.22	-	-	334	113	H
	* 11.401	19.21	ADR	38.1	-16.1	.1	41.31	54	-12.69	-	-	-	-	334	113	H
5	* 15.595	25.81	PK-U	40.1	-14.2	0	51.71	-	-	74	-22.29	-	-	237	347	V
	* 15.596	16.91	ADR	40	-14.2	.1	42.61	54	-11.19	-	-	-	-	237	347	V
6	* 11.4	32.18	PK-U	38.1	-16.1	0	54.18	-	-	74	-19.82	-	-	206	110	V
	* 11.4	24.28	ADR	38.1	-16.1	.1	46.38	54	-7.62	-	-	-	-	206	110	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 144 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtz/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	2.4	36.56	PK-U	31.9	-31.8	0	36.66	-	-	-	-	68.2	-31.54	6	330	H
4	2.403	36.79	PK-U	32	-31.9	0	36.89	-	-	-	-	68.2	-31.31	197	279	V
2	* 11.439	31.68	PK-U	38.1	-16.4	0	53.38	-	-	74	-20.62	-	-	47	132	H
	* 11.44	20.89	ADR	38.1	-16.4	.1	42.69	54	-11.31	-	-	-	-	47	132	H
4	* 12.501	28.5	PK-U	39.1	-16.1	0	51.5	-	-	74	-22.5	-	-	346	206	H
	* 12.504	18.3	ADR	39.1	-16.1	.1	41.4	54	-12.6	-	-	-	-	346	206	H
3	* 11.437	31.83	PK-U	38.1	-16.4	0	53.53	-	-	74	-20.47	-	-	204	102	V
	* 11.438	21.4	ADR	38.1	-16.4	.1	43.2	54	-10.8	-	-	-	-	204	102	V
5	* 13.335	23.77	PK-U	38.7	-16.7	0	52.77	-	-	74	-21.23	-	-	217	220	V
6	13.509	19.55	ADR	39.4	-17.5	.1	41.55	-	-	-	-	-	-	217	220	V

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

PK-U - U-NII: Maximum Peak

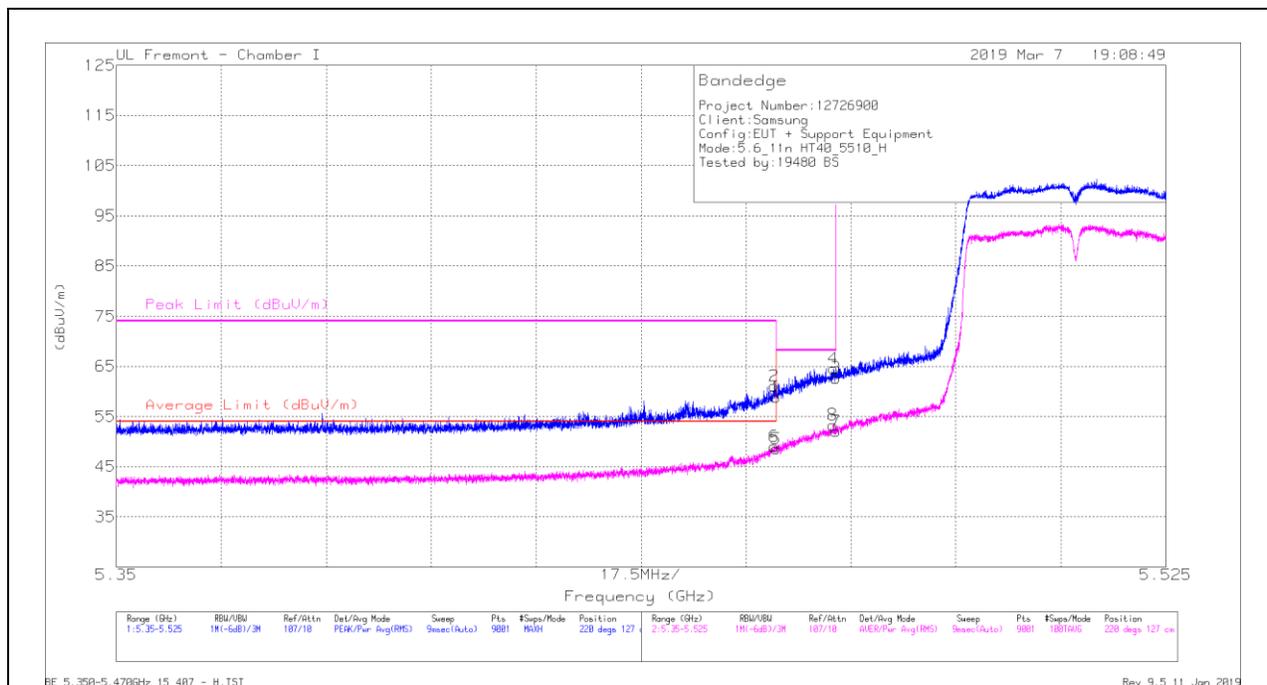
ADR - U-NII AD primary method, RMS average

**10.1.11. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND**

**1TX Antenna 1 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

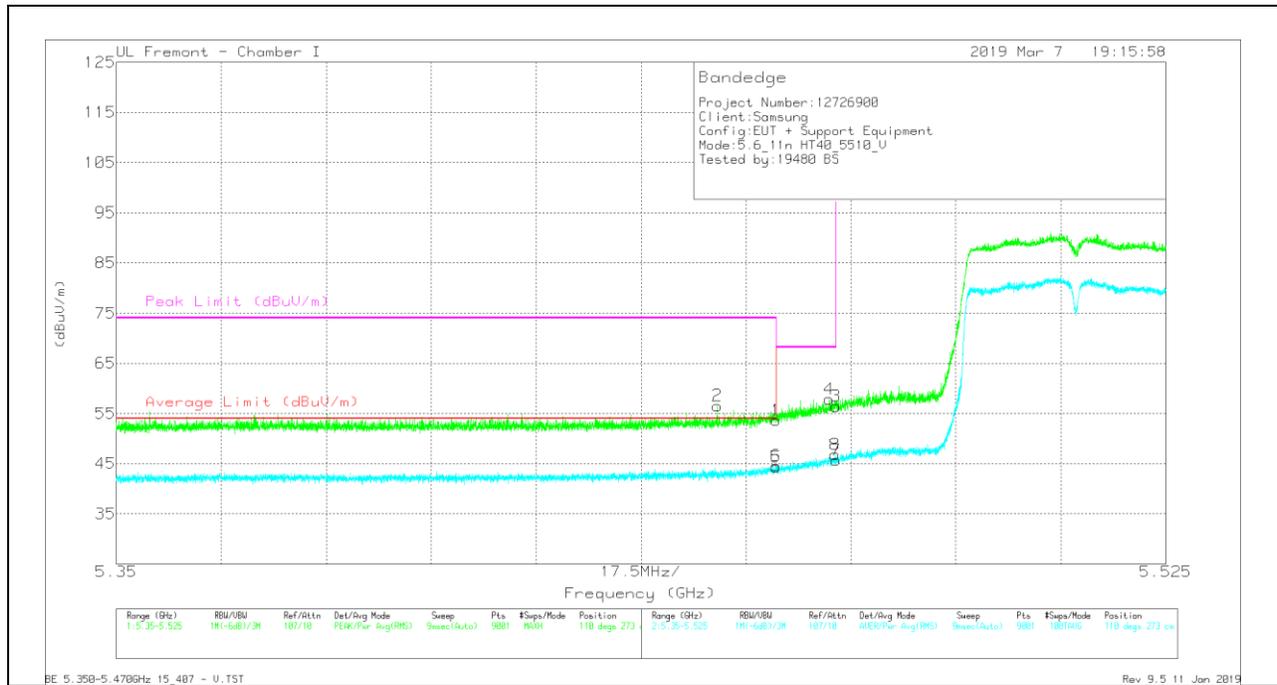
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	42.13	Pk	34.6	-17.9	0	58.83	-	-	74	-15.17	220	127	H
2	* 5.46	44.36	Pk	34.6	-17.9	0	61.06	-	-	74	-12.94	220	127	H
3	5.47	45.95	Pk	34.6	-17.9	0	62.65	-	-	68.2	-5.55	220	127	H
4	5.47	47.99	Pk	34.6	-18	0	64.59	-	-	68.2	-3.61	220	127	H
5	* 5.46	31.62	RMS	34.6	-17.9	.19	48.51	54	-5.49	-	-	220	127	H
6	* 5.46	32.14	RMS	34.6	-17.9	.19	49.03	54	-4.97	-	-	220	127	H
7	5.47	35.17	RMS	34.6	-17.9	.19	52.06	-	-	-	-	220	127	H
8	5.469	36.54	RMS	34.6	-18	.19	53.33	-	-	-	-	220	127	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



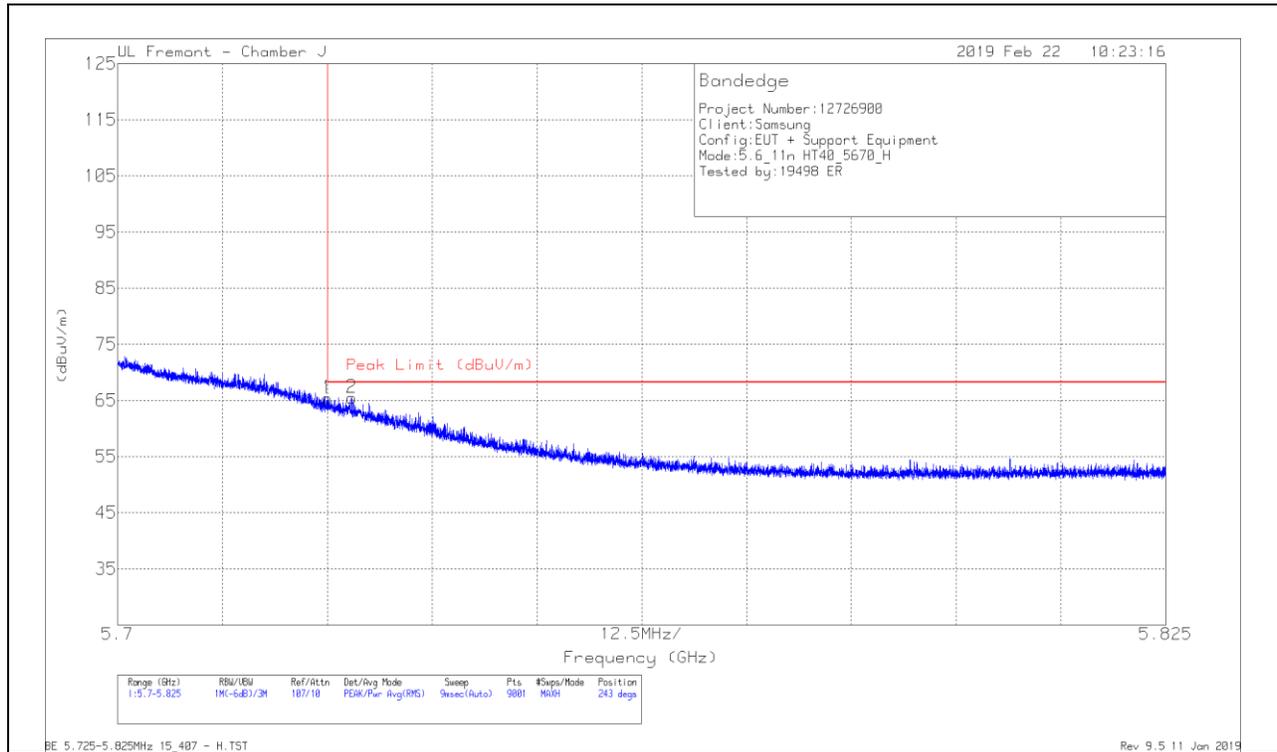
### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 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)**

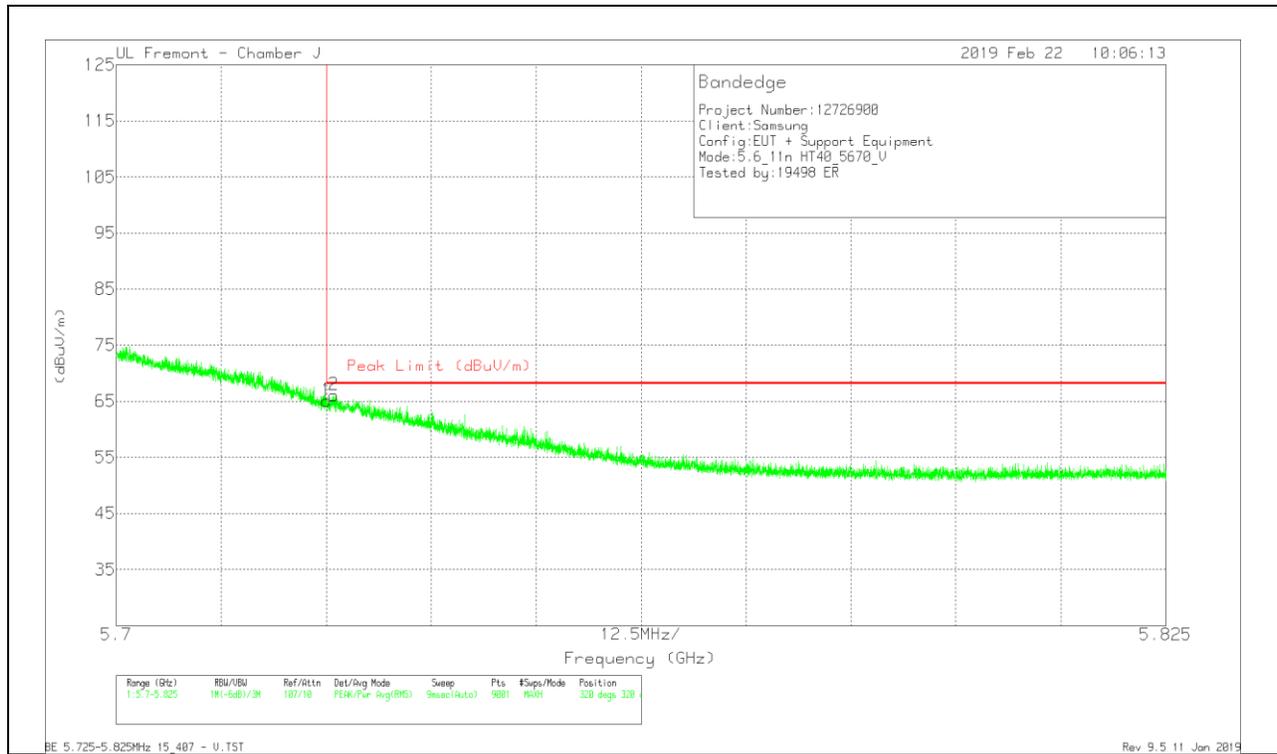
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr/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**

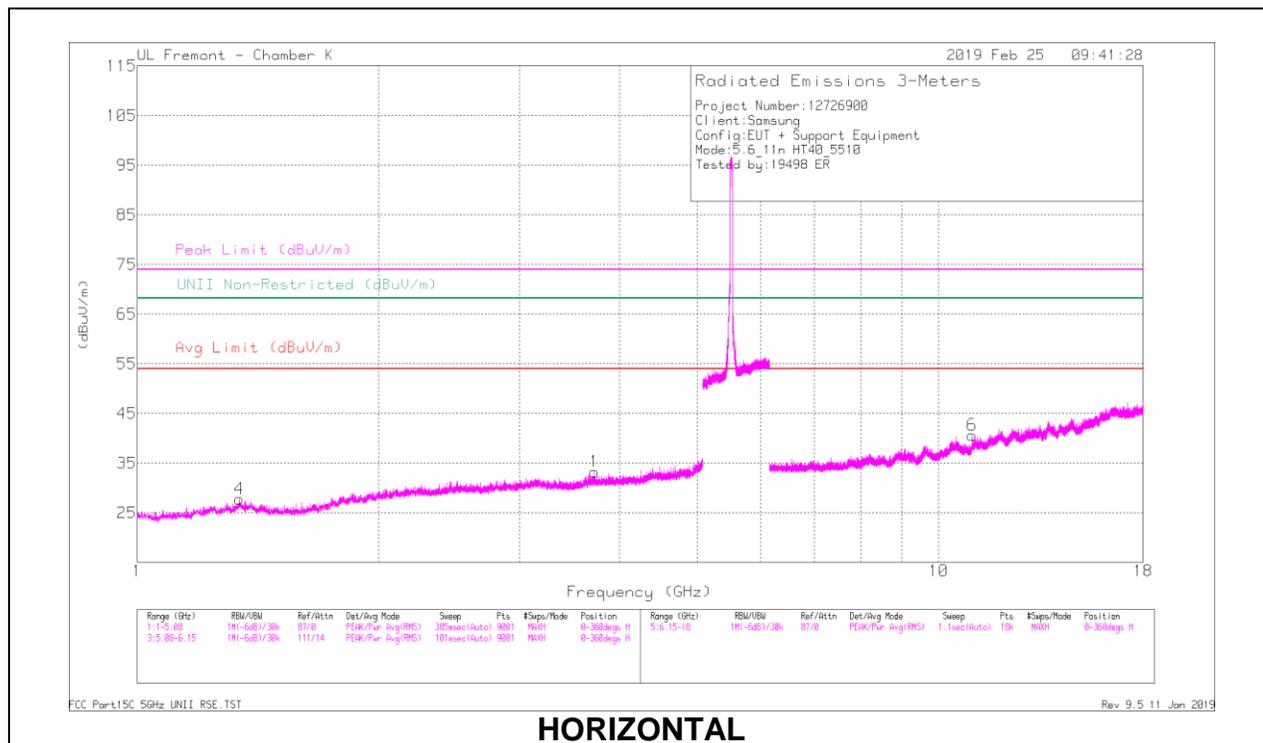


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	51.15	Pk	34.7	-20.8	65.05	68.2	-3.15	320	320	V
2	5.726	52.18	Pk	34.7	-20.8	66.08	68.2	-2.12	320	320	V

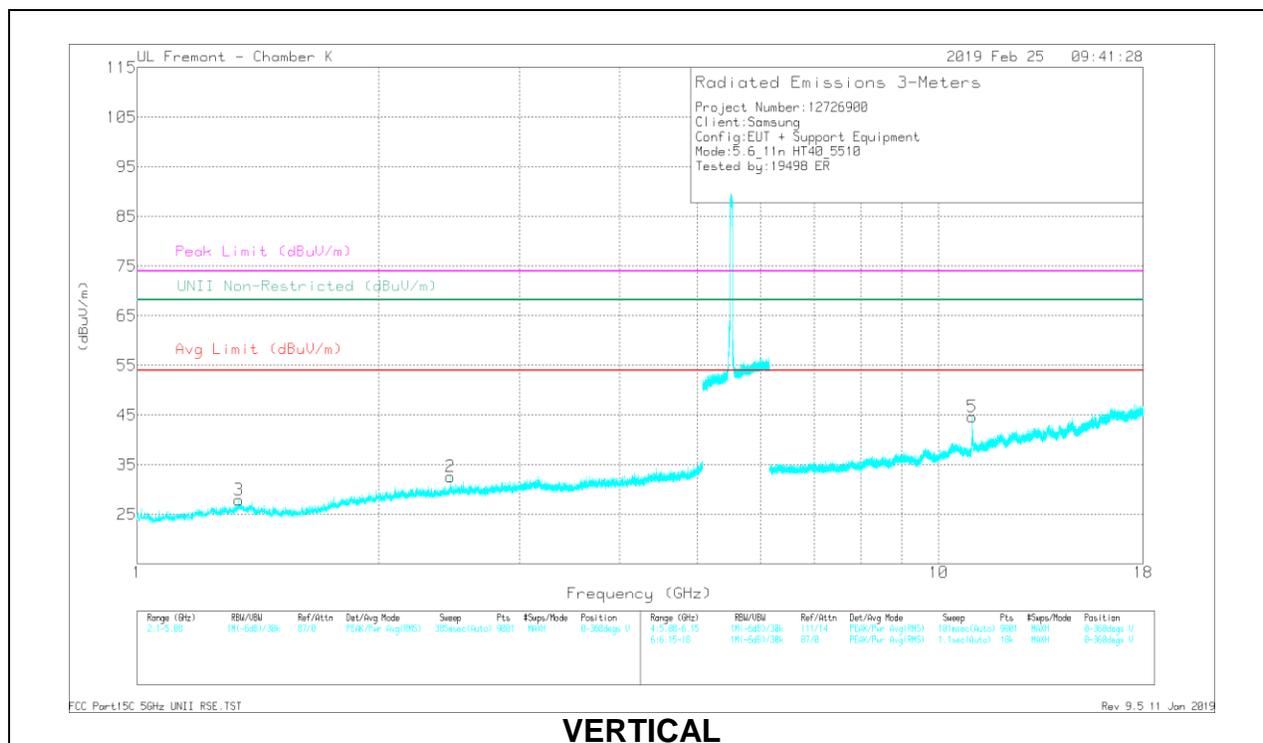
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



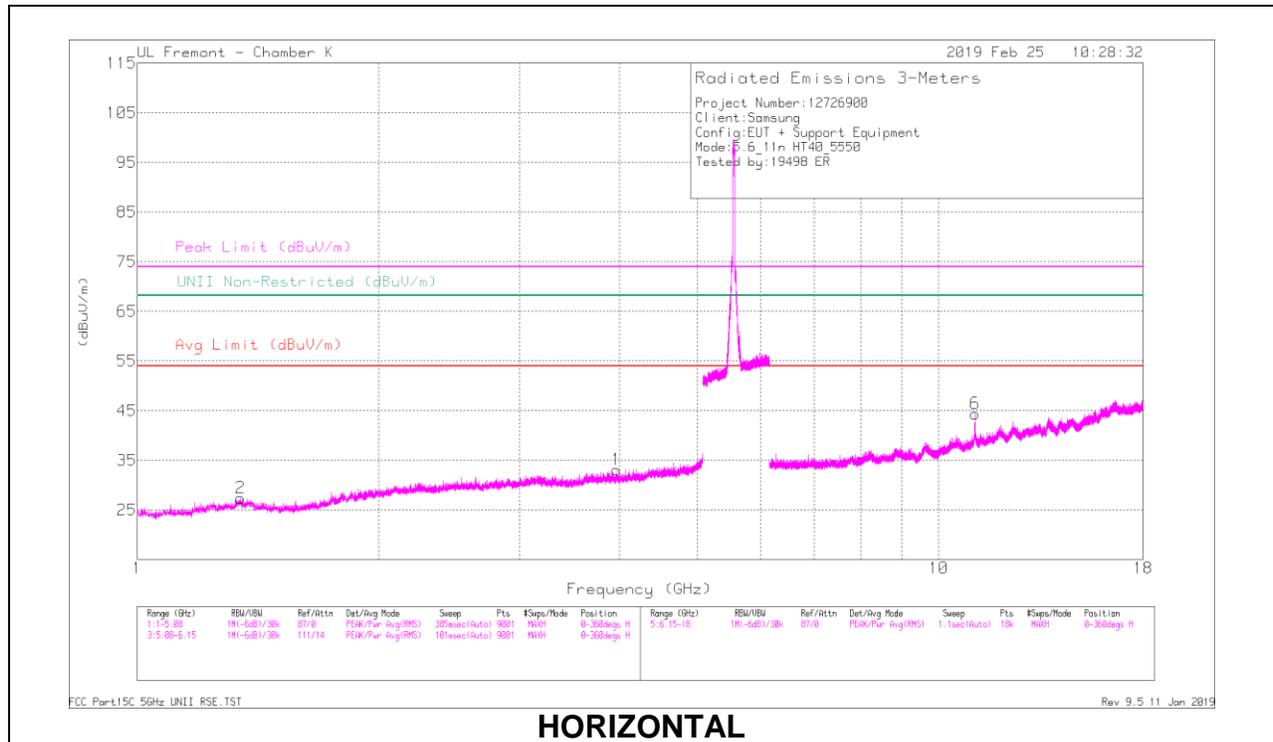
**VERTICAL**

**RADIATED EMISSIONS**

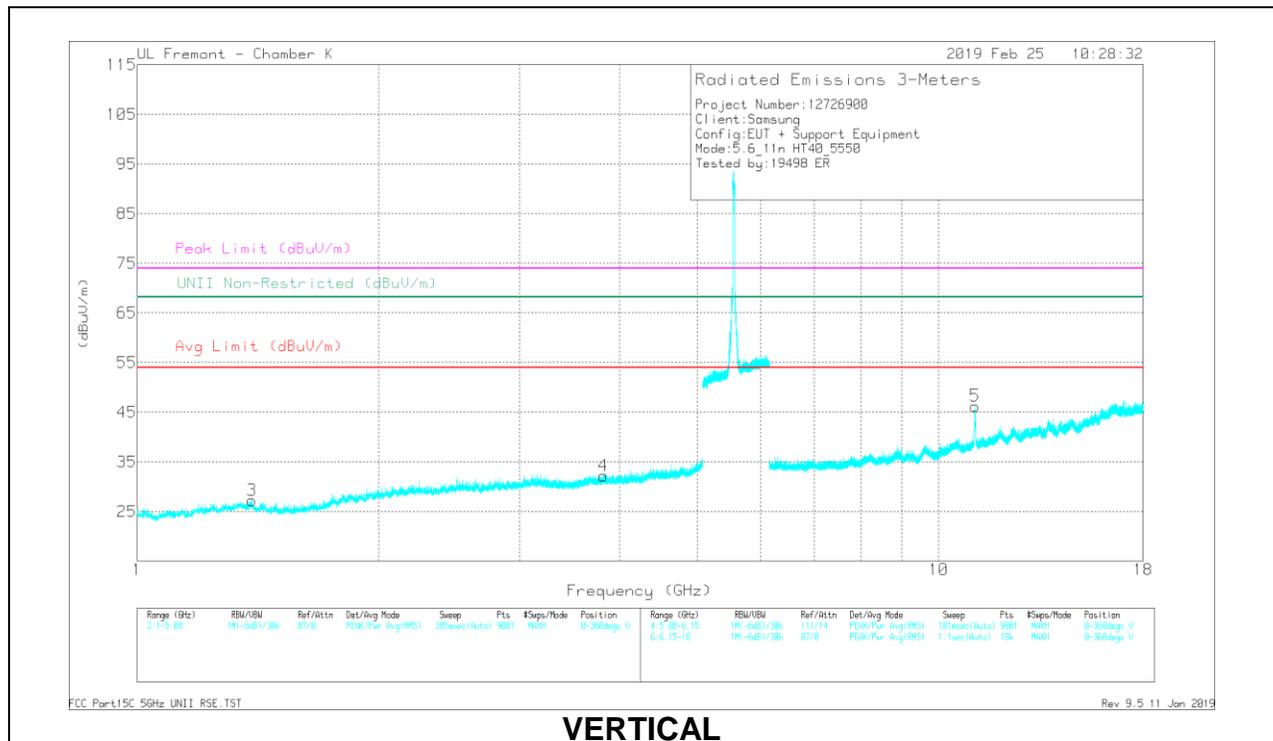
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Coeff/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.721	36.49	PK-U	33.2	-32	0	37.69	-	-	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	40.2	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



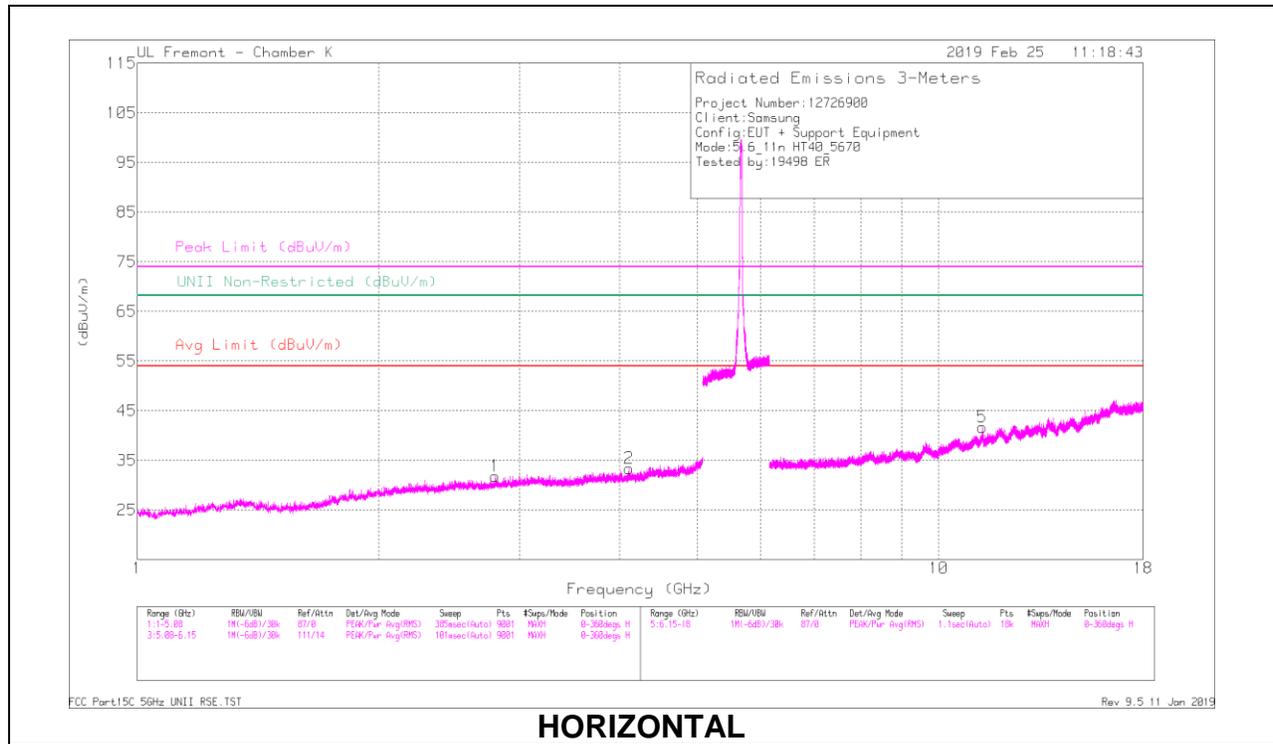
### VERTICAL

**RADIATED EMISSIONS**

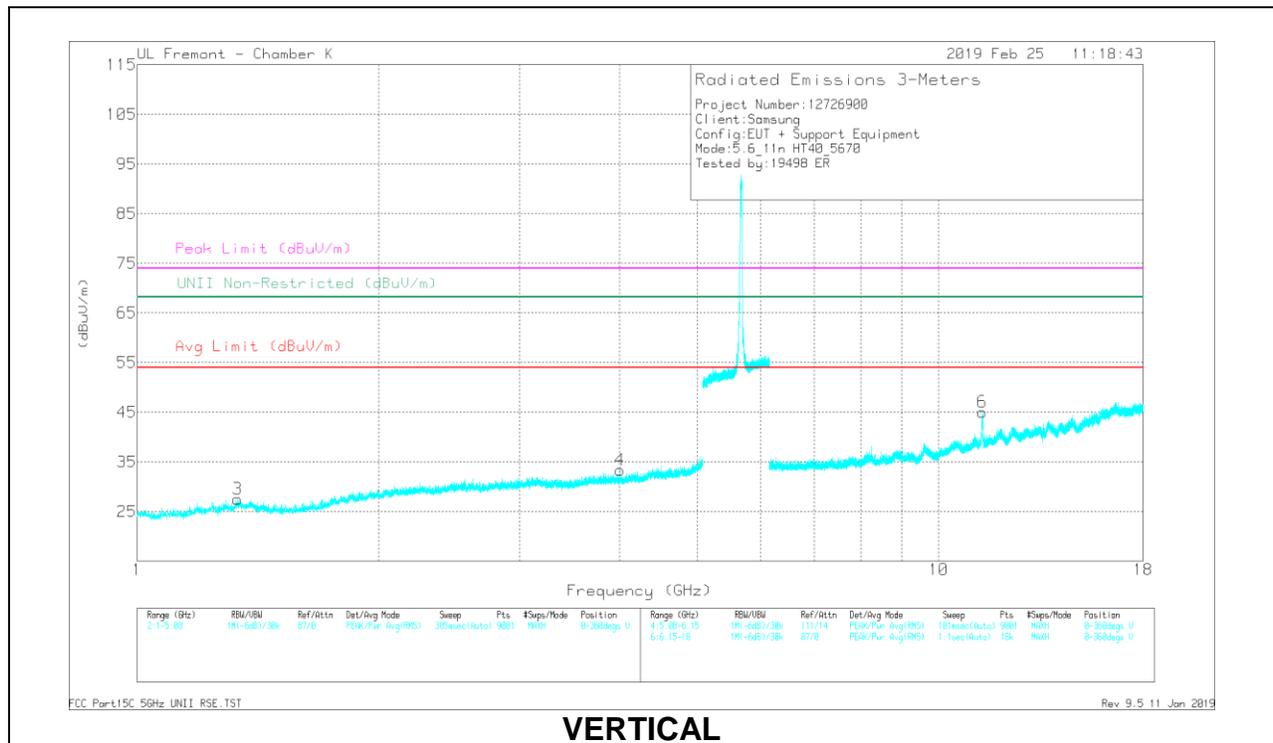
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Coeff/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.961	37.68	PK-U	33.4	-31.3	0	39.78	-	-	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	-23.91	-	-	-	-	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



**HORIZONTAL**



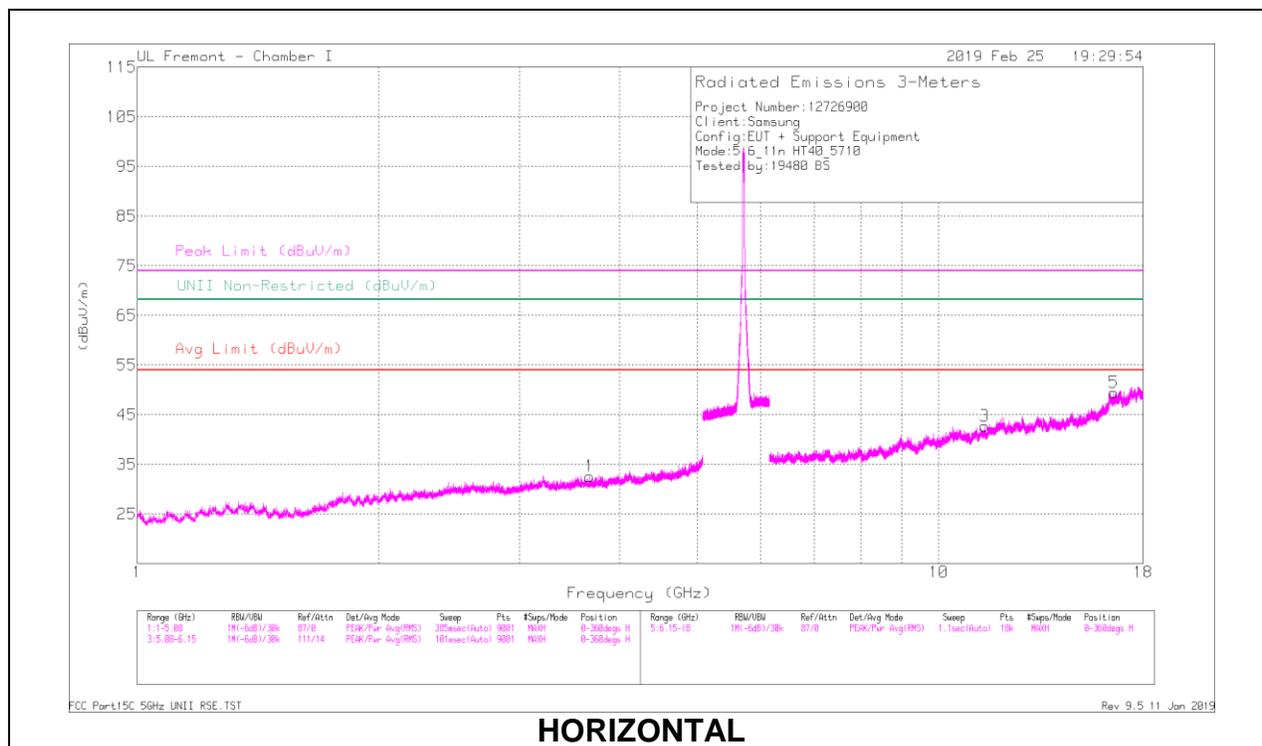
**VERTICAL**

**RADIATED EMISSIONS**

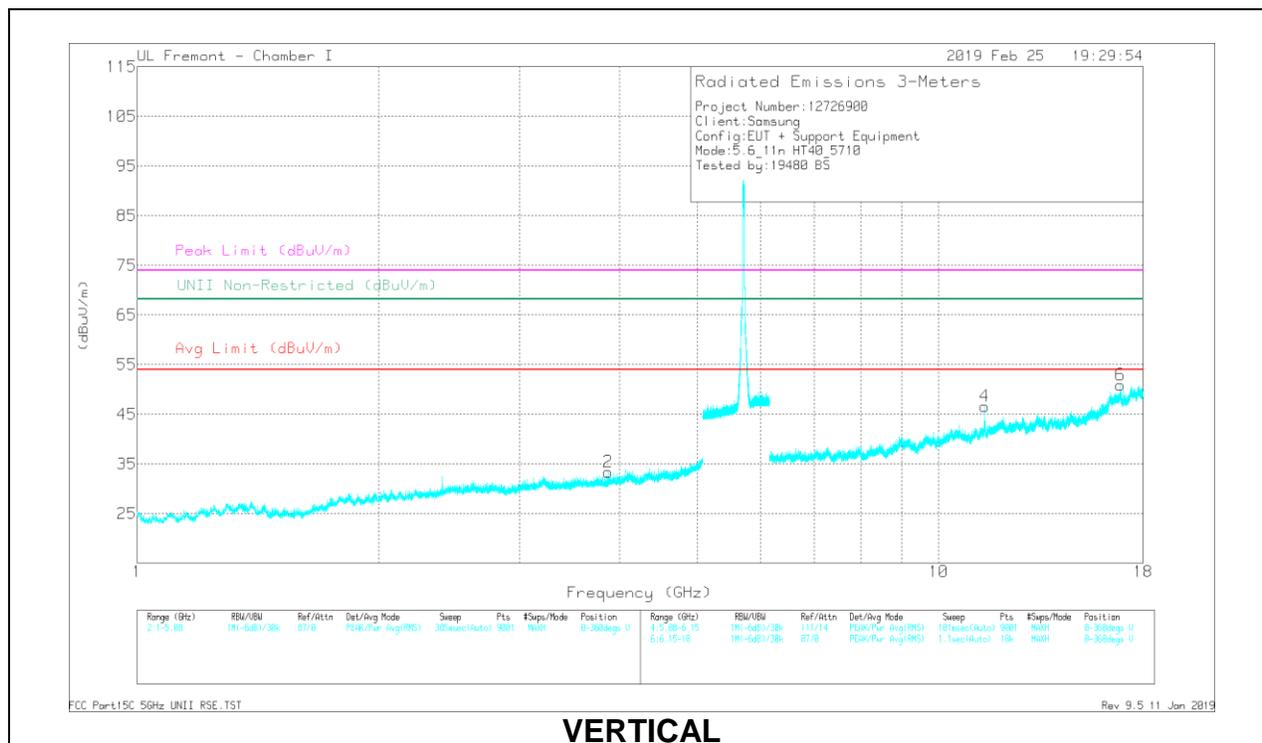
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/Coeff/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.796	39.8	PK-U	32.4	-34.6	0	37.6	-	-	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	38.61	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	30.84	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**