

**RADIATED EMISSIONS**

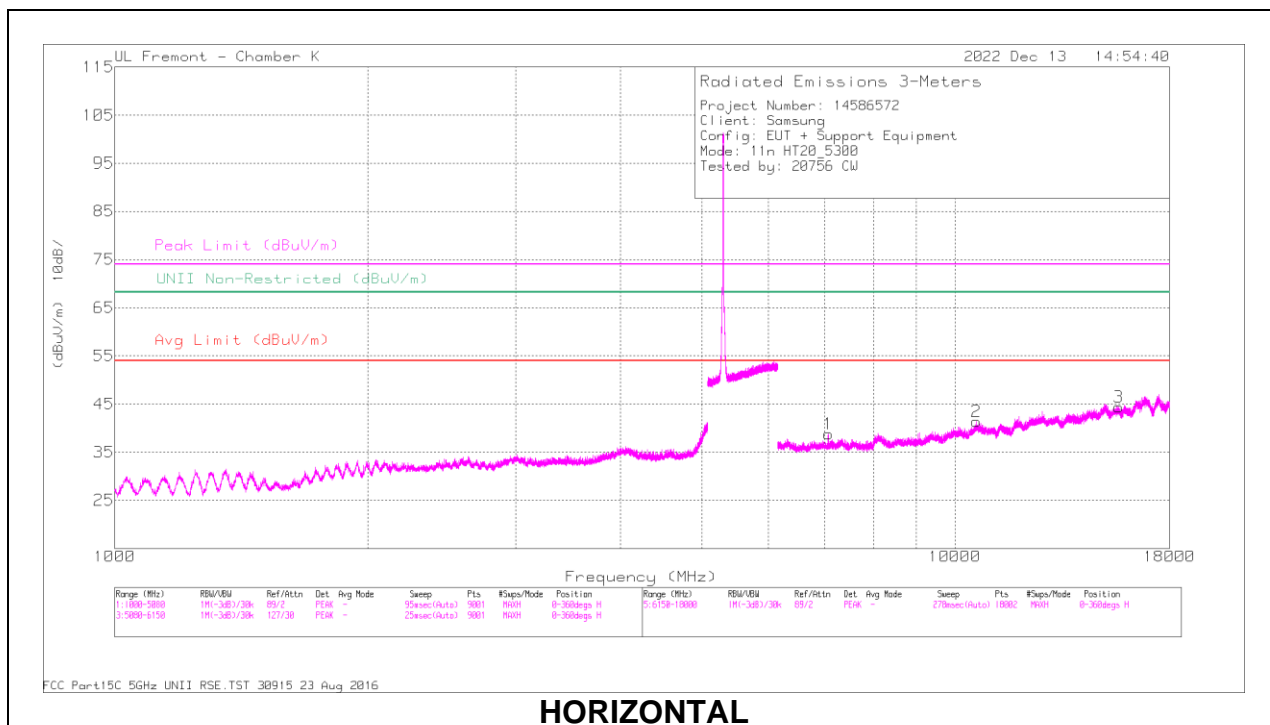
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7012.919	49.84	PK-U	35.7	-38.3	0	47.24	-	-	-	-	68.2	-20.96	109	118	H
2	10520.511	49.09	PK-U	37.9	-36.8	0	50.19	-	-	-	-	68.2	-18.01	254	204	H
3	* 16102.317	46.94	PK-U	40.3	-33.1	0	54.14	-	-	74	-19.86	-	-	118	293	H
	* 16101.942	35.29	ADR	40.3	-33.2	.33	42.72	54	-11.28	-	-	-	-	118	293	H
4	7013.294	50.63	PK-U	35.7	-38.3	0	48.03	-	-	-	-	68.2	-20.17	10	164	V
5	10527.519	48.91	PK-U	37.9	-36.8	0	50.01	-	-	-	-	68.2	-18.19	15	143	V
6	* 15620.293	47.41	PK-U	40.1	-33.2	0	54.31	-	-	74	-19.69	-	-	357	235	V
	* 15620.425	35.59	ADR	40.1	-33.2	.33	42.82	54	-11.18	-	-	-	-	357	235	V

\* - indicates frequency in CFR47 Pt 15

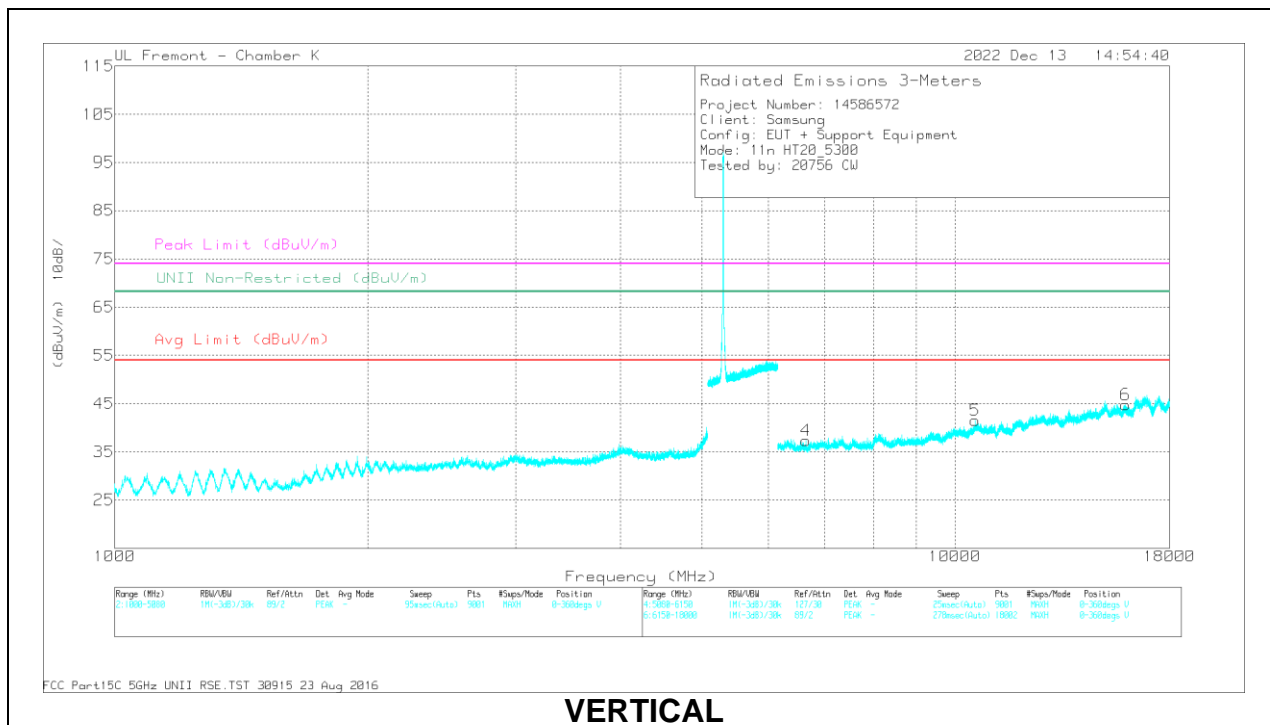
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

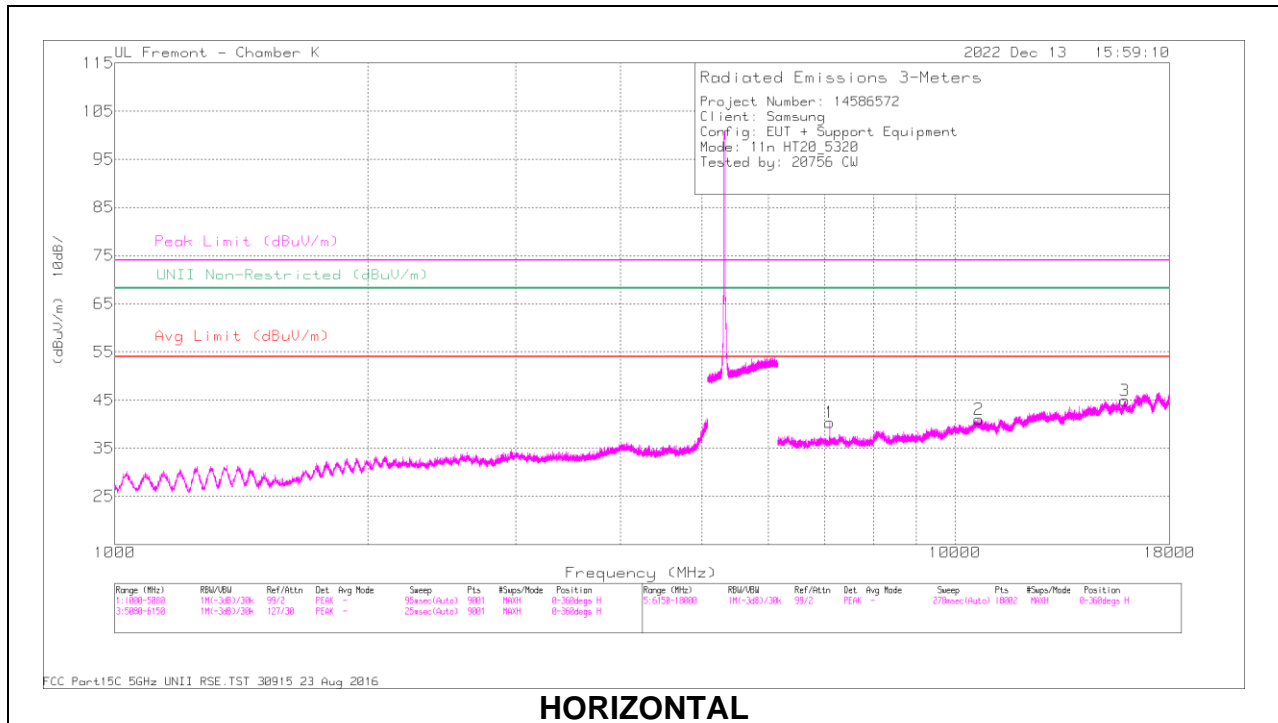
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7066.832	50.28	PK-U	35.8	-38.2	0	47.88	-	-	-	-	68.2	-20.32	59	238	H
2	10599.435	49.44	PK-U	37.9	-36.7	0	50.64	-	-	-	-	68.2	-17.56	140	293	H
3	* 15670.151	47.04	PK-U	40.1	-33.2	0	53.94	-	-	74	-20.06	-	-	256	239	H
	* 15670.188	35.75	ADR	40.1	-33.2	.33	42.98	54	-11.02	-	-	-	-	256	239	H
4	6646.274	49.71	PK-U	35.6	-38.4	0	46.91	-	-	-	-	68.2	-21.29	205	371	V
5	10577.739	50.19	PK-U	37.9	-36.9	0	51.19	-	-	-	-	68.2	-17.01	98	163	V
6	* 15958.733	46.9	PK-U	40.2	-33.1	0	54	-	-	74	-20	-	-	220	330	V
	* 15958.545	35.75	ADR	40.2	-33.1	.33	43.18	54	-10.82	-	-	-	-	220	330	V

\* - indicates frequency in CFR47 Pt 15

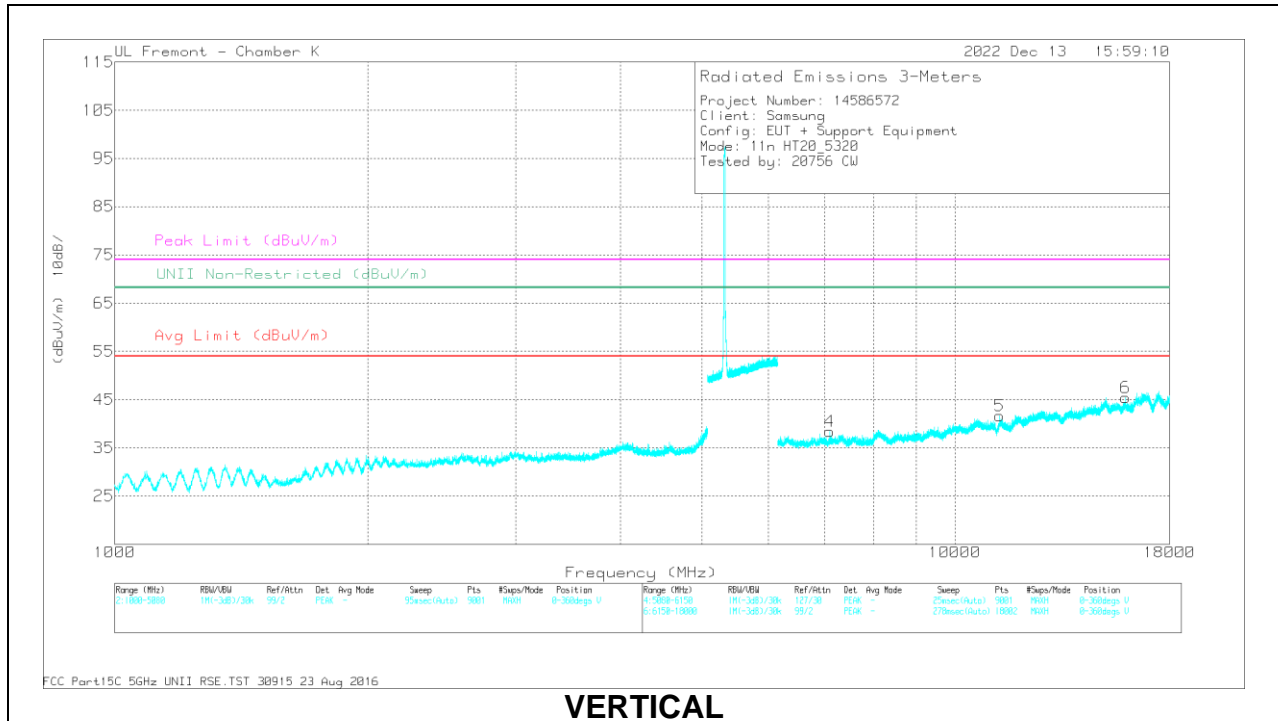
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	7093.1	49.67	PK-U	35.8	-38.2	0	47.27	-	-	-	-	68.2	-20.93	42	160	H
2	* 10675.77	49.62	PK-U	37.9	-36.8	0	50.72	-	-	74	-23.28	-	-	309	371	H
	* 10643.187	37.51	ADR	37.9	-36.8	.33	38.94	54	-15.06	-	-	-	-	309	371	H
3	* 15960.011	46.64	PK-U	40.2	-33.1	0	53.74	-	-	74	-20.26	-	-	137	257	H
	* 15958.978	34.89	ADR	40.2	-33.1	.33	42.32	54	-11.68	-	-	-	-	137	257	H
4	7105.787	49.17	PK-U	35.7	-38	0	46.87	-	-	-	-	68.2	-21.33	276	223	V
5	* 11285.788	48.72	PK-U	37.8	-36.1	0	50.42	-	-	74	-23.58	-	-	158	188	V
	* 11316.598	36.94	ADR	37.8	-36	.33	39.07	54	-14.93	-	-	-	-	158	188	V
6	* 15963.811	48.3	PK-U	40.2	-33.1	0	55.4	-	-	74	-18.6	-	-	20	207	V
	* 15960.425	36.29	ADR	40.2	-33.1	.33	43.72	54	-10.28	-	-	-	-	20	207	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

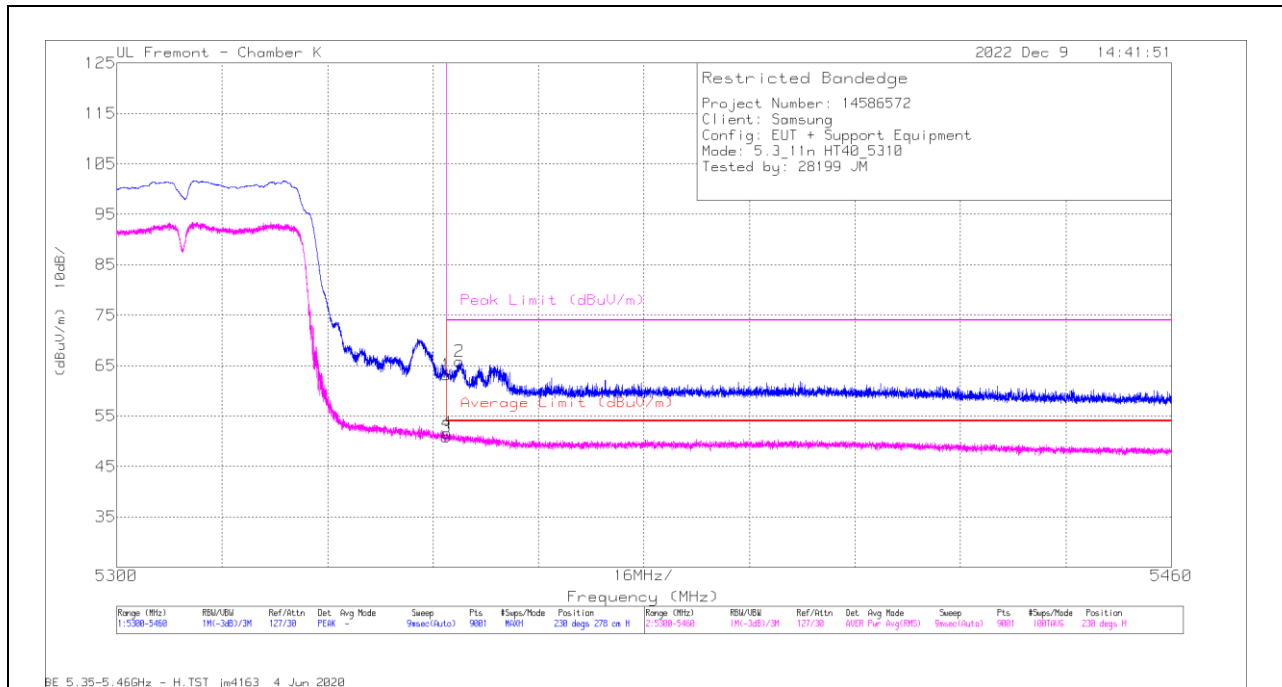
ADR - U-NII AD primary method, RMS average

### 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



#### Trace Markers

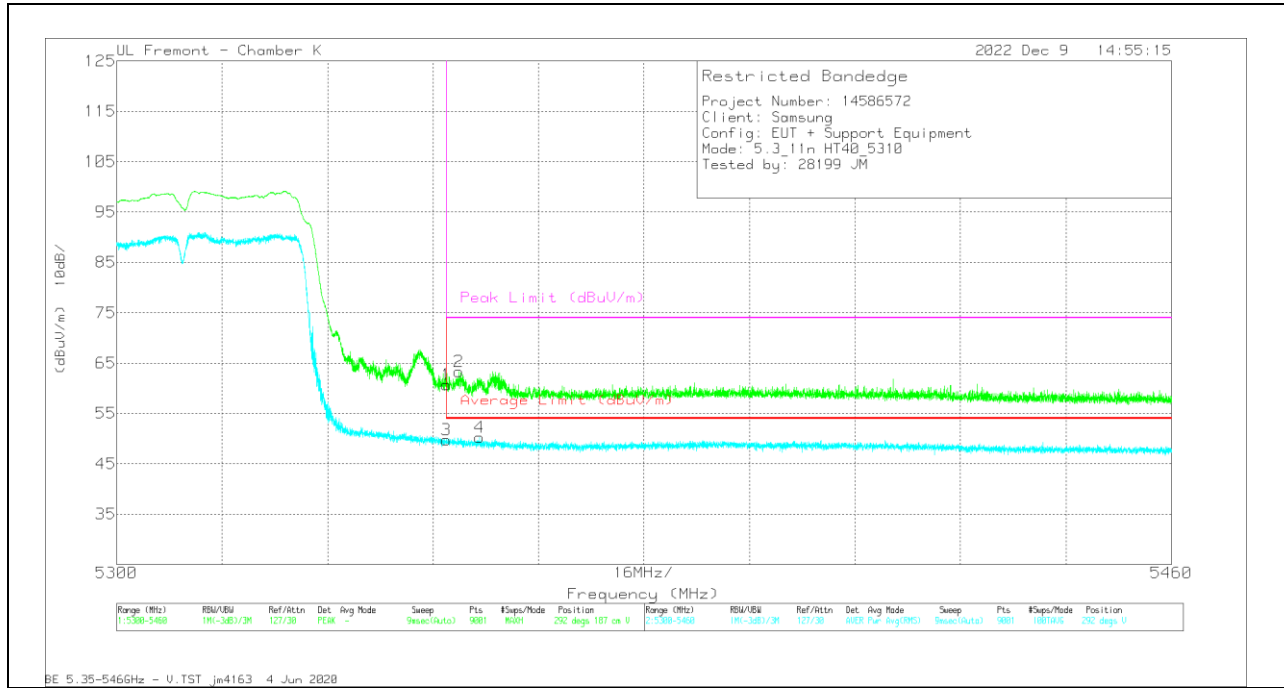
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	59.38	Pk	34.5	-30.7	0	63.18	-	-	74	-10.82	230	278	H
2	* 5351.965	62.07	Pk	34.5	-30.7	0	65.87	-	-	74	-8.13	230	278	H
3	* 5350	46.36	RMS	34.5	-30.7	.69	50.85	54	-3.15	-	-	230	278	H
4	* 5350.063	47.11	RMS	34.5	-30.7	.69	51.6	54	-2.4	-	-	230	278	H

\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



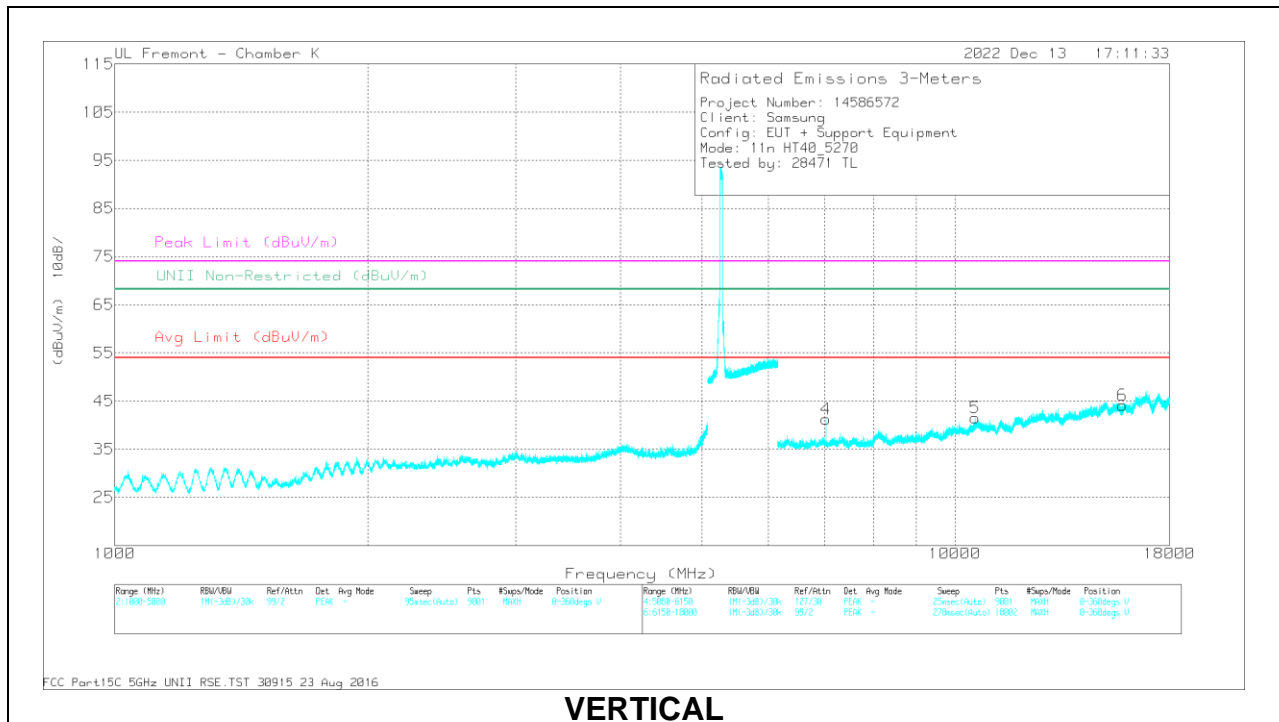
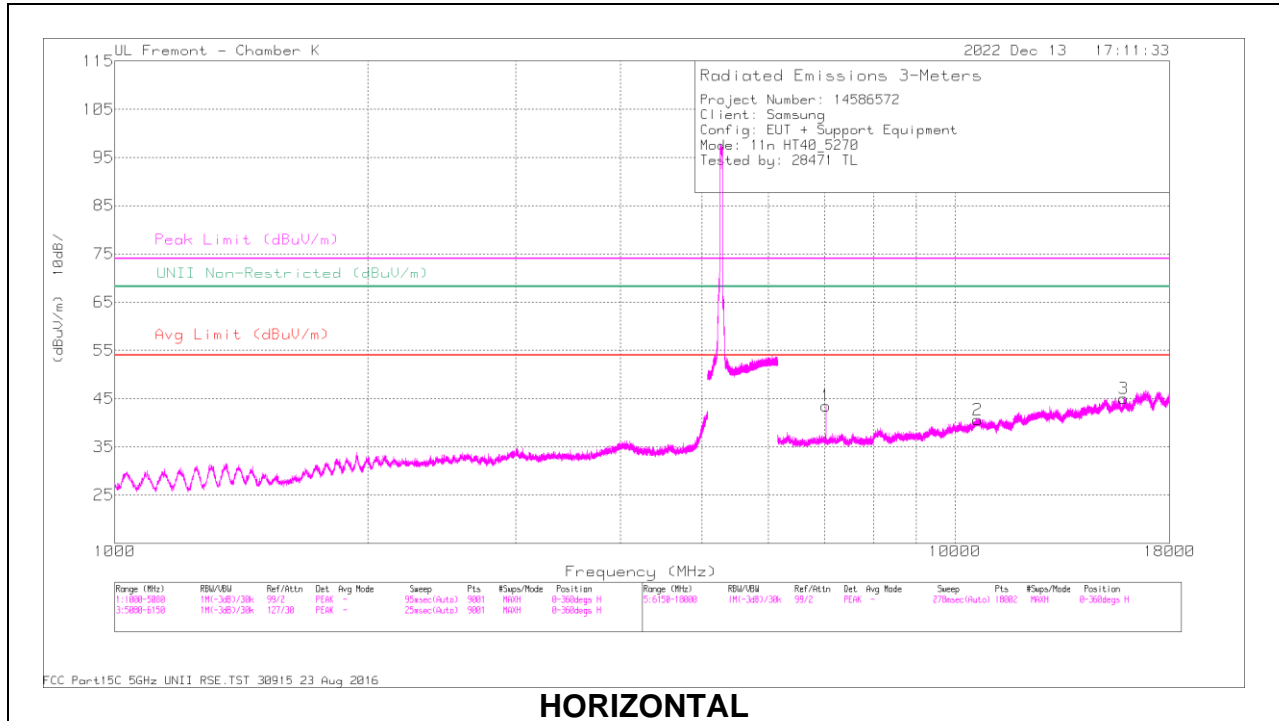
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	56.9	Pk	34.5	-30.7	0	60.7	-	-	74	-13.3	292	187	V
2	* 5351.912	59.48	Pk	34.5	-30.7	0	63.28	-	-	74	-10.72	292	187	V
3	* 5350	45.27	RMS	34.5	-30.7	.69	49.76	54	-4.24	-	-	292	187	V
4	* 5355.058	45.67	RMS	34.5	-30.6	.69	50.26	54	-3.74	-	-	292	187	V

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**





**RADIATED EMISSIONS**

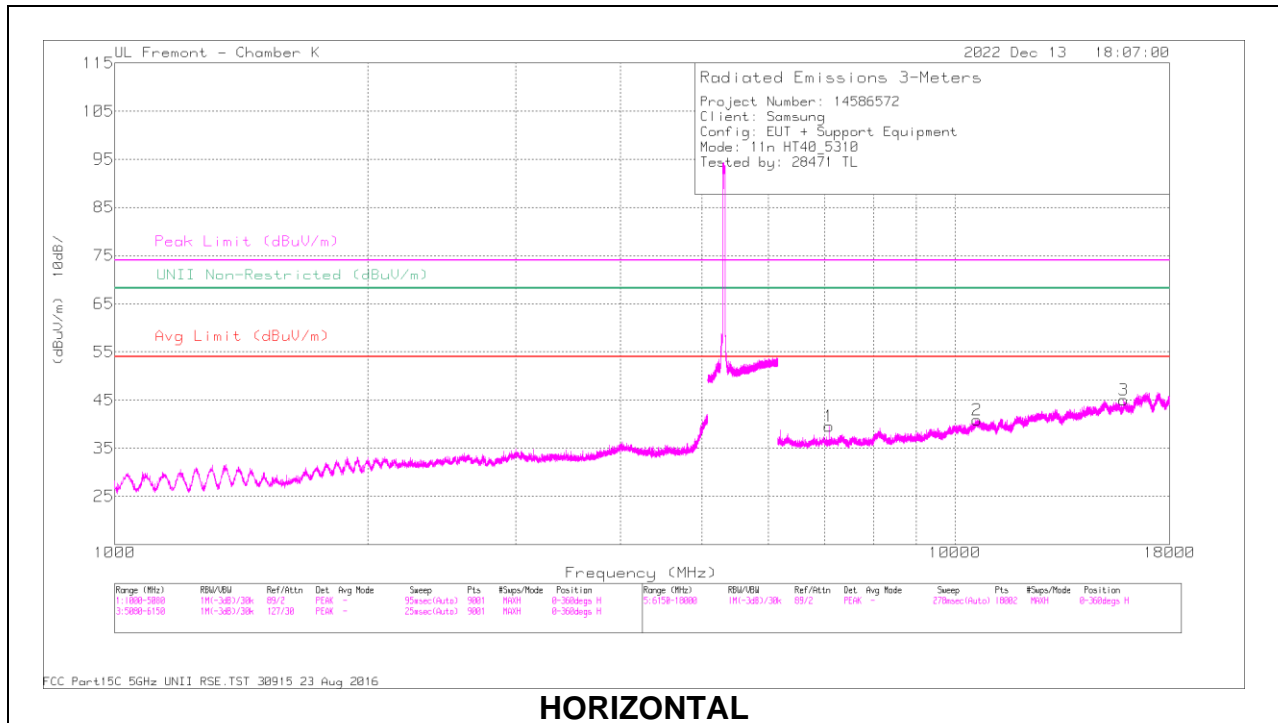
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7026.918	52.06	PK-U	35.7	-38.4	0	49.36	-	-	-	-	68.2	-18.84	43	108	H
2	* 10637.031	49.31	PK-U	37.9	-36.9	0	50.31	-	-	74	-23.69	-	-	215	288	H
	* 10626.426	37.64	ADR	37.9	-36.8	.69	39.43	54	-14.57	-	-	-	-	215	288	H
3	* 15865.963	46.93	PK-U	40.2	-33.3	0	53.83	-	-	74	-20.17	-	-	178	147	H
	* 15853.457	35.05	ADR	40.2	-33.4	.69	42.54	54	-11.46	-	-	-	-	178	147	H
4	7026.78	51.11	PK-U	35.7	-38.4	0	48.41	-	-	-	-	68.2	-19.79	55	269	V
5	10560.734	50.46	PK-U	37.9	-36.9	0	51.46	-	-	-	-	68.2	-16.74	298	155	V
6	* 15811.039	47.04	PK-U	40.2	-33.4	0	53.84	-	-	74	-20.16	-	-	192	352	V
	* 15821.211	35.4	ADR	40.2	-33.3	.69	42.99	54	-11.01	-	-	-	-	192	352	V

\* - indicates frequency in CFR47 Pt 15

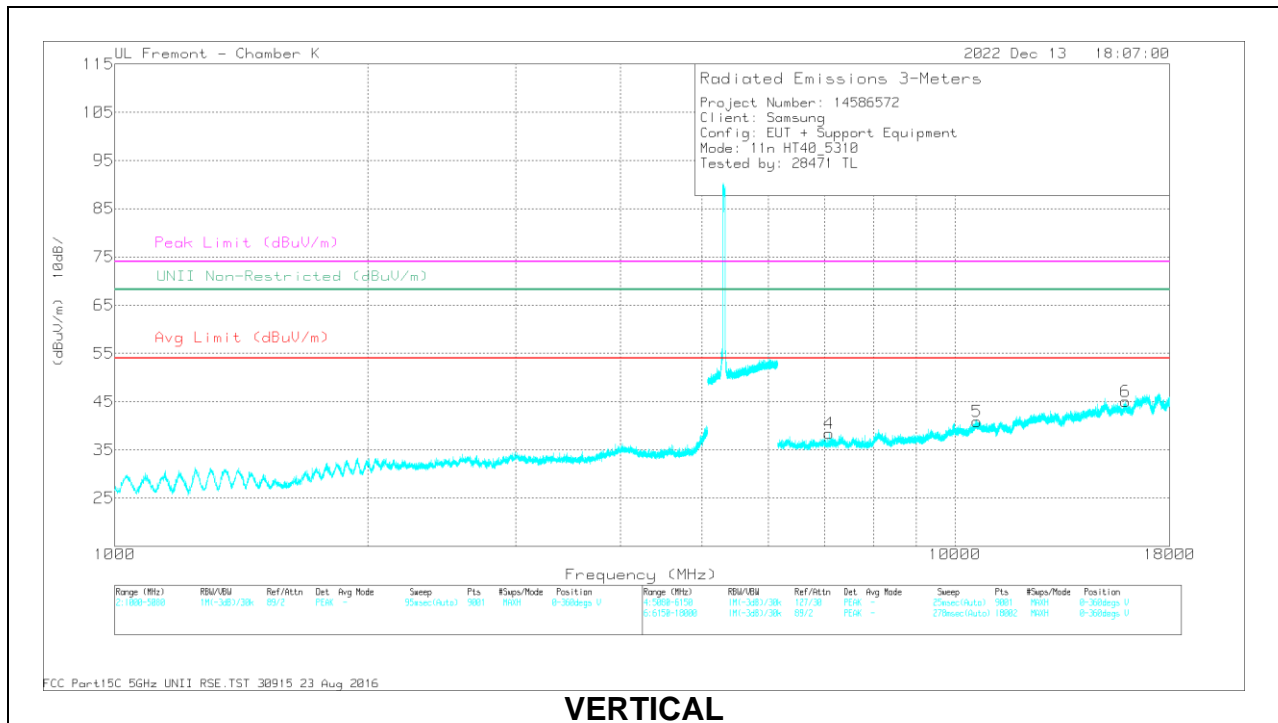
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	7079.695	49.36	PK-U	35.8	-38.2	0	46.96	-	-	-	-	68.2	-21.24	9	206	H
2	* 11469.395	47.33	PK-U	37.9	-35.8	0	49.43	-	-	74	-24.57	-	-	9	114	H
	* 11827.439	36.19	ADR	38.4	-35.1	.69	40.18	54	-13.82	-	-	-	-	9	114	H
3	* 15877.561	46.54	PK-U	40.2	-33	0	53.74	-	-	74	-20.26	-	-	156	170	H
	* 15862.809	34.93	ADR	40.2	-33.3	.69	42.52	54	-11.48	-	-	-	-	156	170	H
4	7079.835	49.59	PK-U	35.8	-38.2	0	47.19	-	-	-	-	68.2	-21.01	102	325	V
5	* 10610.85	49.37	PK-U	37.9	-36.8	0	50.47	-	-	74	-23.53	-	-	205	222	V
	* 10632.774	37.83	ADR	37.9	-36.8	.69	39.62	54	-14.38	-	-	-	-	205	222	V
6	* 15934.885	46.74	PK-U	40.2	-33.1	0	53.84	-	-	74	-20.16	-	-	297	180	V
	* 15986.146	34.58	ADR	40.2	-33.4	.69	42.07	54	-11.93	-	-	-	-	297	180	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

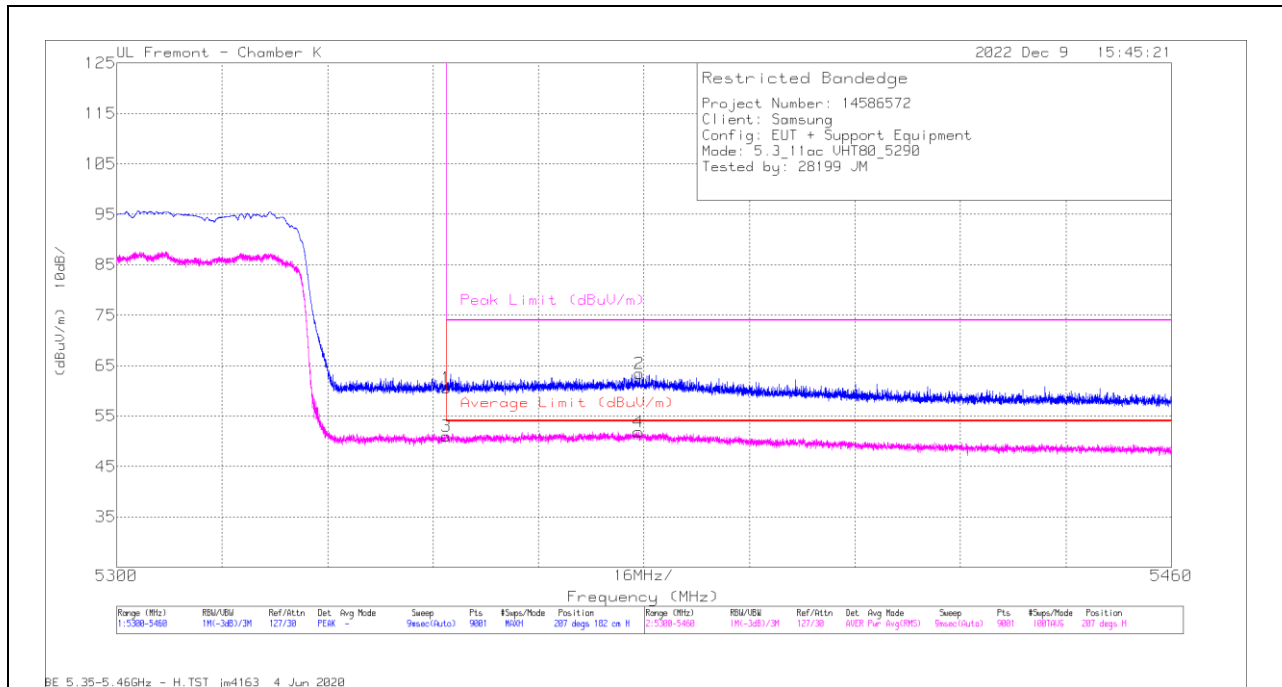
ADR - U-NII AD primary method, RMS average

### 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



#### Trace Markers

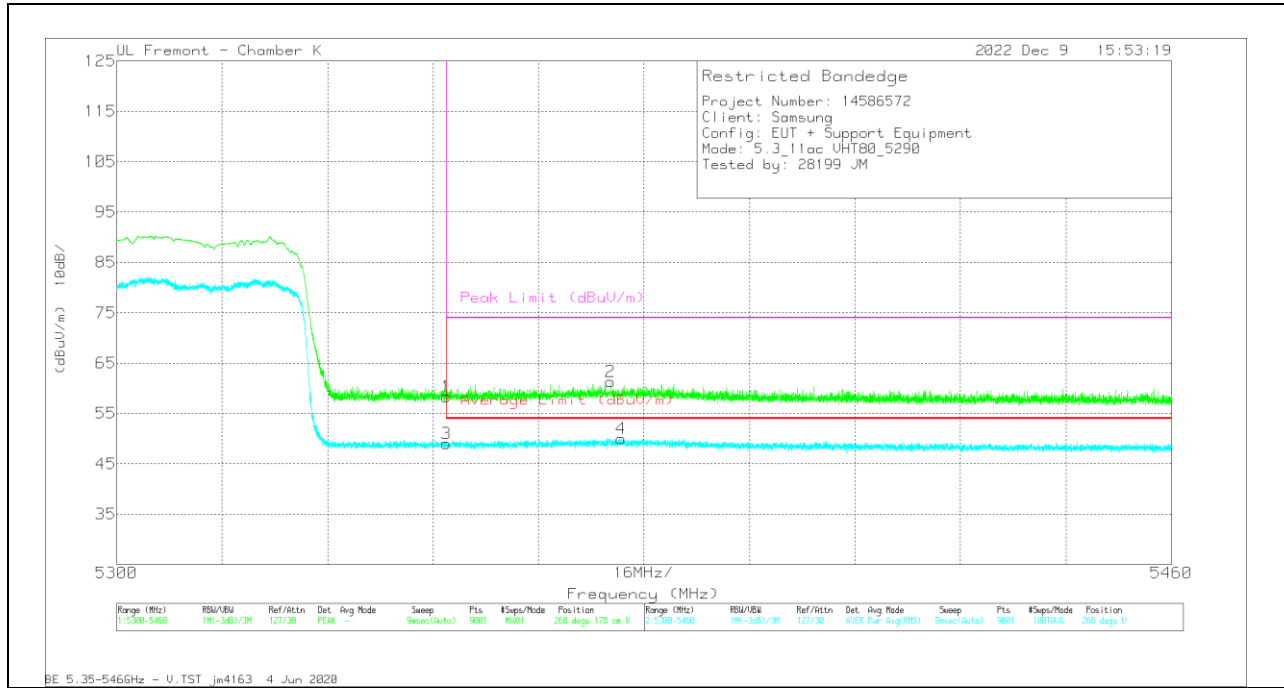
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	56.82	Pk	34.5	-30.7	0	60.62	-	-	74	-13.38	207	182	H
2	* 5379.325	59.54	Pk	34.5	-30.6	0	63.44	-	-	74	-10.56	207	182	H
3	* 5350	45.86	RMS	34.5	-30.7	1.21	50.87	54	-3.13	-	-	207	182	H
4	* 5379.148	46.66	RMS	34.5	-30.6	1.21	51.77	54	-2.23	-	-	207	182	H

\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



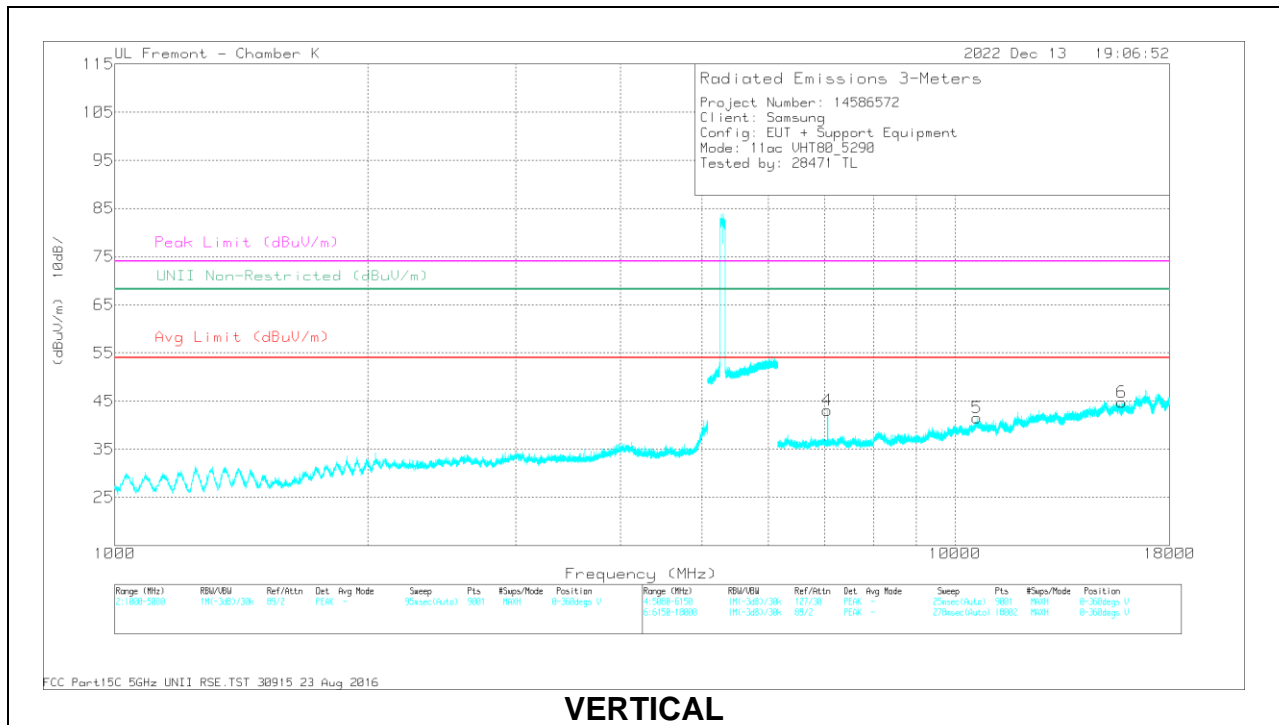
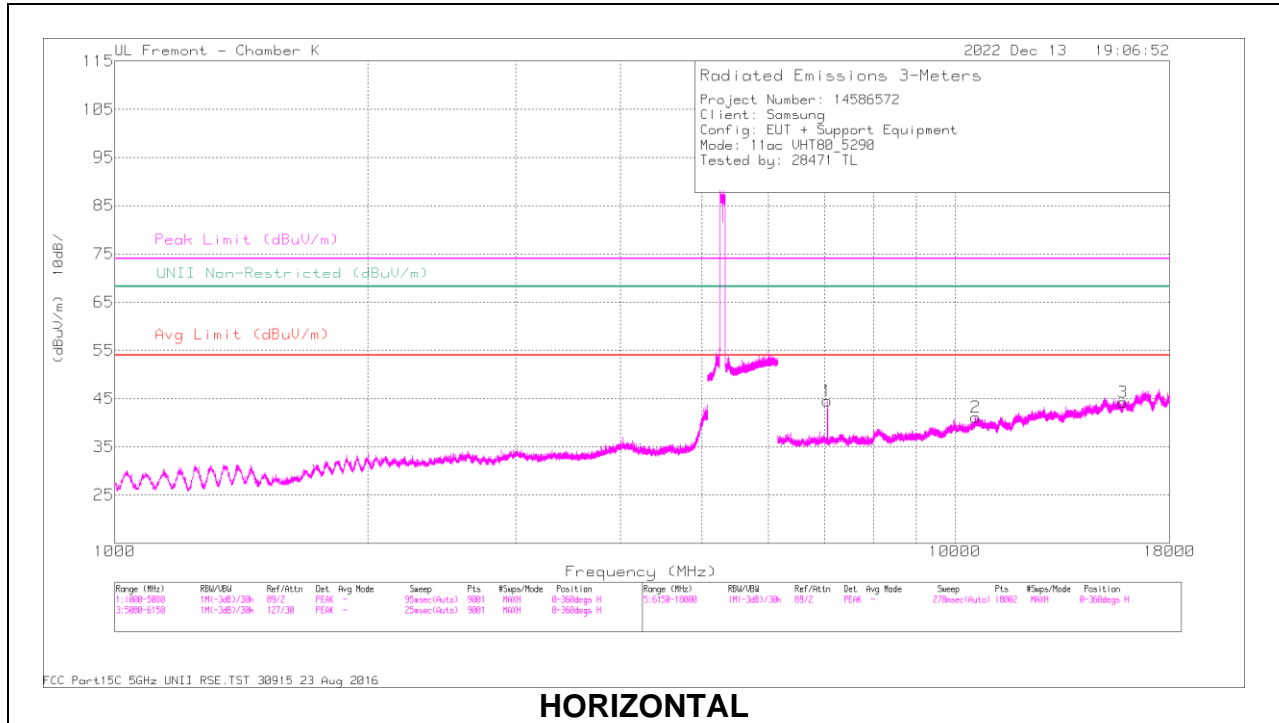
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	54.53	Pk	34.5	-30.7	0	58.33	-	-	74	-15.67	268	178	V
2	* 5374.916	57.5	Pk	34.5	-30.7	0	61.3	-	-	74	-12.7	268	178	V
3	* 5350	43.9	RMS	34.5	-30.7	1.21	48.91	54	-5.09	-	-	268	178	V
4	* 5376.552	44.96	RMS	34.5	-30.7	1.21	49.97	54	-4.03	-	-	268	178	V

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL RESULTS**



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	7053.25	52.31	PK-U	35.8	-38.4	0	49.71	-	-	-	-	68.2	-18.49	47	119	H
2	10579.441	49.62	PK-U	37.9	-36.9	0	50.62	-	-	-	-	68.2	-17.58	80	152	H
3	* 15842.799	46.9	PK-U	40.2	-33.4	0	53.7	-	-	74	-20.3	-	-	91	246	H
	* 15836.76	35.06	ADR	40.2	-33.3	1.21	43.17	54	-10.83	-	-	-	-	91	246	H
4	7053.343	52.29	PK-U	35.8	-38.4	0	49.69	-	-	-	-	68.2	-18.51	83	346	V
5	* 10620.661	49.67	PK-U	37.9	-36.9	0	50.67	-	-	74	-23.33	-	-	121	336	V
	* 10618.034	37.61	ADR	37.9	-36.8	1.21	39.92	54	-14.08	-	-	-	-	121	336	V
6	* 15790.563	47.52	PK-U	40.2	-33.6	0	54.12	-	-	74	-19.88	-	-	171	208	V
	* 15757.793	35.43	ADR	40.1	-33.5	1.21	43.24	54	-10.76	-	-	-	-	171	208	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

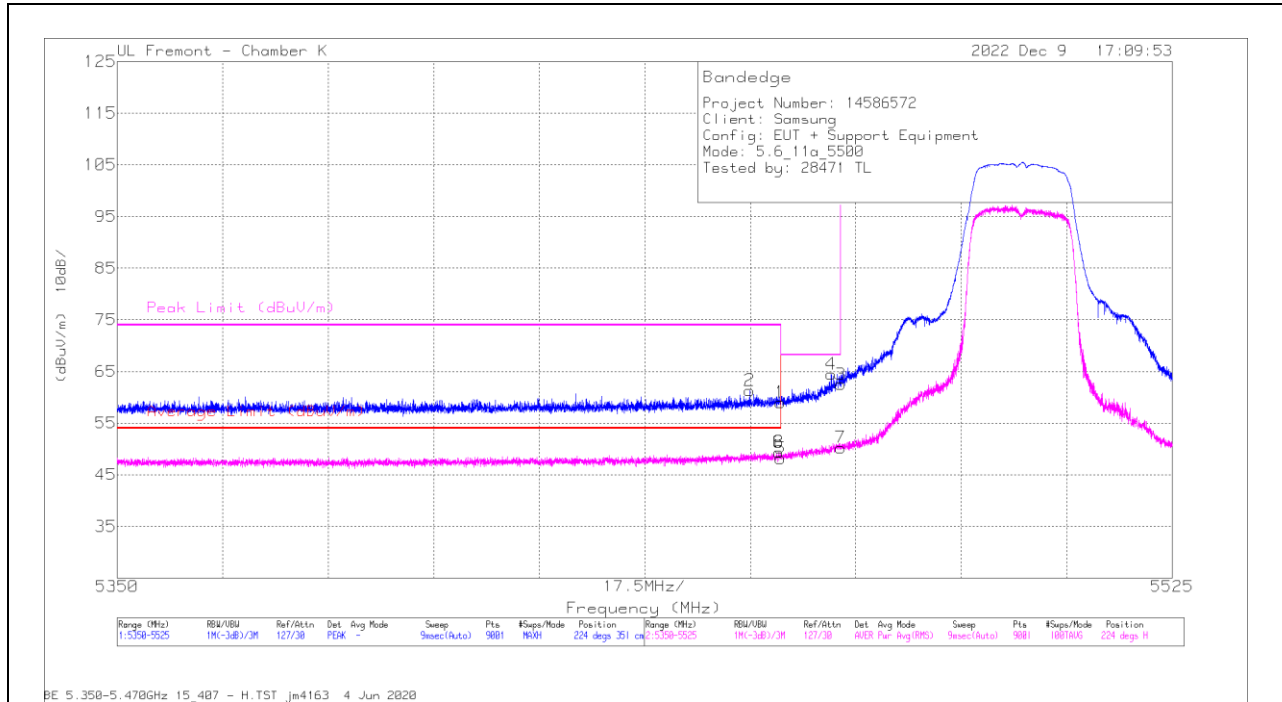
ADR - U-NII AD primary method, RMS average

### 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



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.99	Pk	34.6	-30.6	0	58.99	-	-	68.2	-9.21	224	351	H
2	* 5454.9	57.22	Pk	34.6	-30.5	0	61.32	-	-	74	-12.68	224	351	H
3	5470	58.5	Pk	34.6	-30.6	0	62.5	-	-	68.2	-5.7	224	351	H
4	5468.433	60.48	Pk	34.6	-30.6	0	64.48	-	-	68.2	-3.72	224	351	H
5	* 5460	43.84	RMS	34.6	-30.6	.36	48.2	54	-5.8	-	-	224	351	H
6	* 5459.761	45.02	RMS	34.6	-30.6	.36	49.38	54	-4.62	-	-	224	351	H
7	5470	45.9	RMS	34.6	-30.6	.36	50.26	-	-	-	-	224	351	H
8	* 5459.761	45.02	RMS	34.6	-30.6	.36	49.38	54	-4.62	-	-	224	351	H

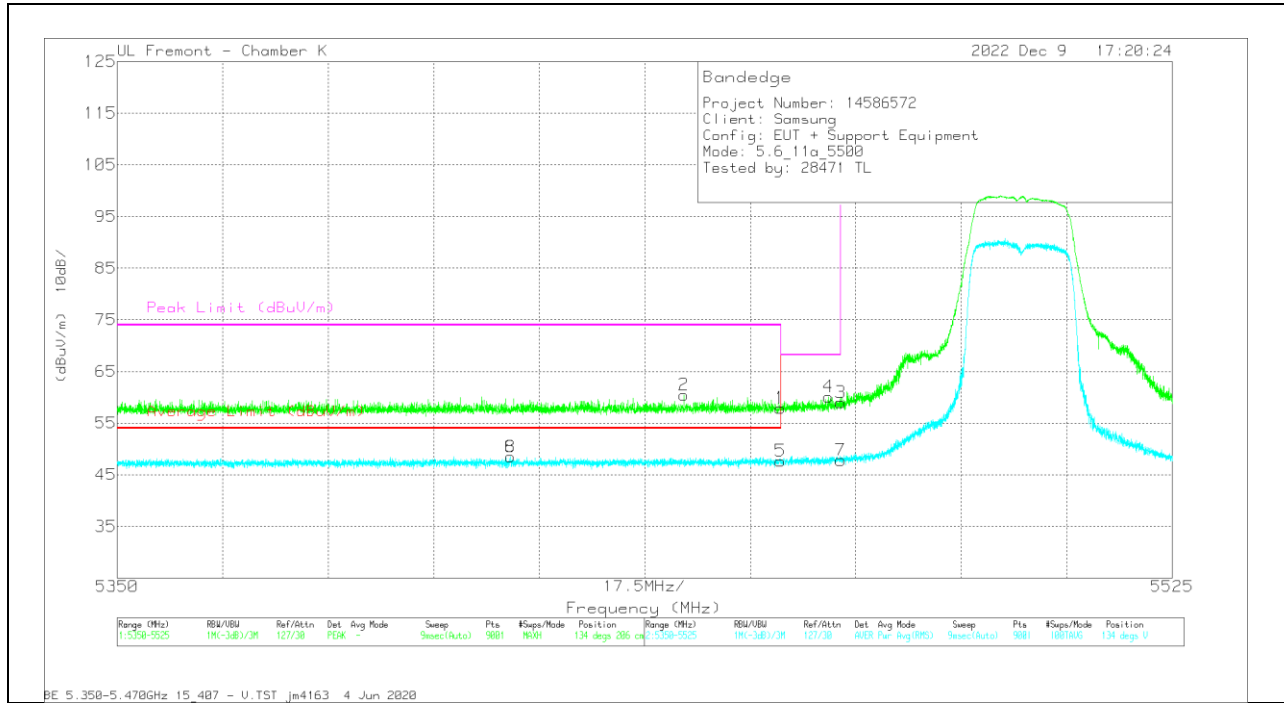
\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



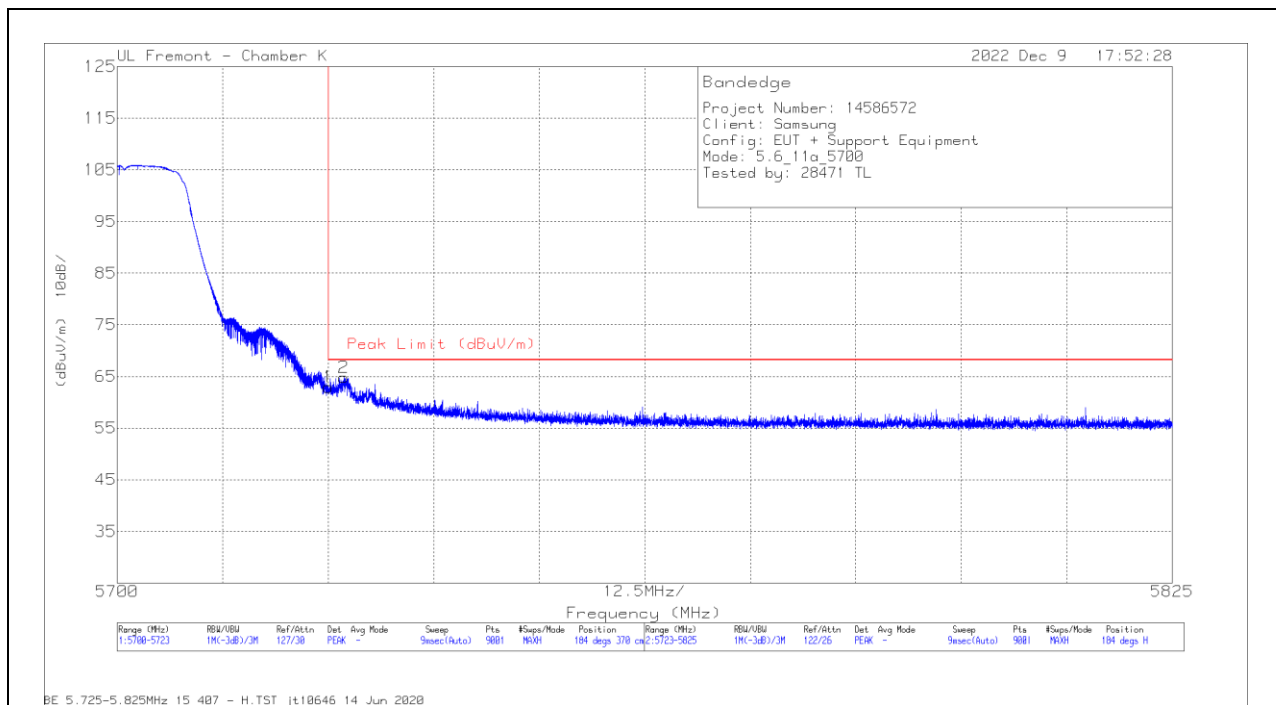
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	53.91	Pk	34.6	-30.6	0	57.91	-	-	68.2	-10.29	134	206	V
2	* 5443.973	56.47	Pk	34.6	-30.6	0	60.47	-	-	74	-13.53	134	206	V
3	5470	54.98	Pk	34.6	-30.6	0	58.98	-	-	68.2	-9.22	134	206	V
4	5467.967	56.1	Pk	34.6	-30.6	0	60.1	-	-	68.2	-8.1	134	206	V
5	* 5460	43.31	RMS	34.6	-30.6	.36	47.67	54	-6.33	-	-	134	206	V
6	* 5415.196	44.1	RMS	34.6	-30.6	.36	48.46	54	-5.54	-	-	134	206	V
7	5470	43.48	RMS	34.6	-30.6	.36	47.84	-	-	-	-	134	206	V
8	* 5415.196	44.1	RMS	34.6	-30.6	.36	48.46	54	-5.54	-	-	134	206	V

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

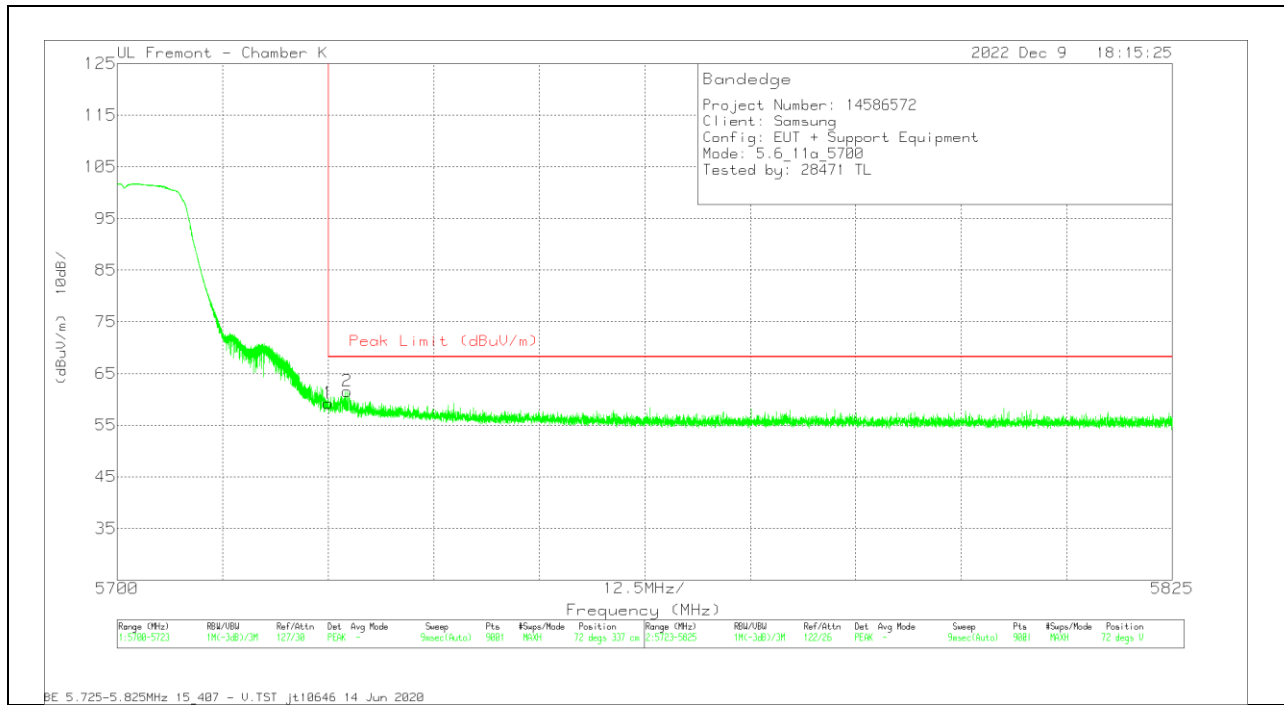


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	58.34	Pk	34.7	-30.1	62.94	68.2	-5.26	184	370	H
2	5726.831	60.21	Pk	34.7	-30.1	64.81	68.2	-3.39	184	370	H

Pk - Peak detector

### VERTICAL RESULT



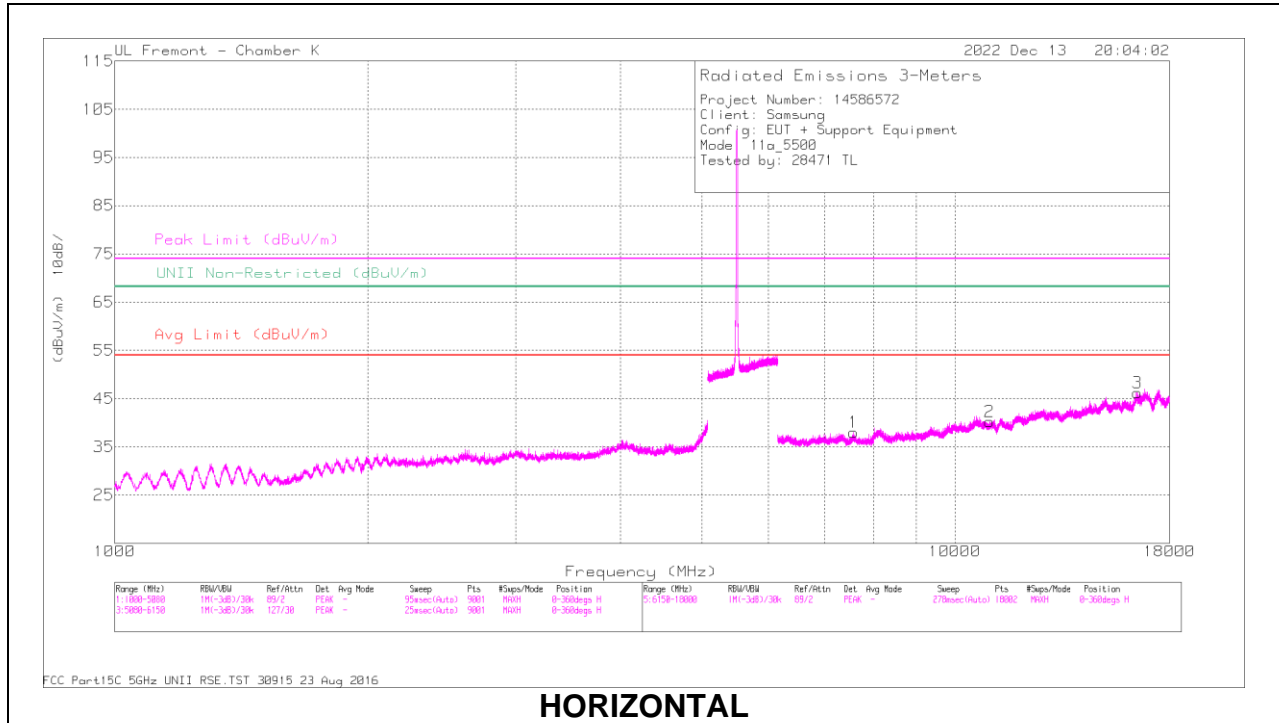
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	54.63	Pk	34.7	-30.1	59.23	68.2	-8.97	72	337	V
2	5727.216	56.98	Pk	34.7	-30.1	61.58	68.2	-6.62	72	337	V

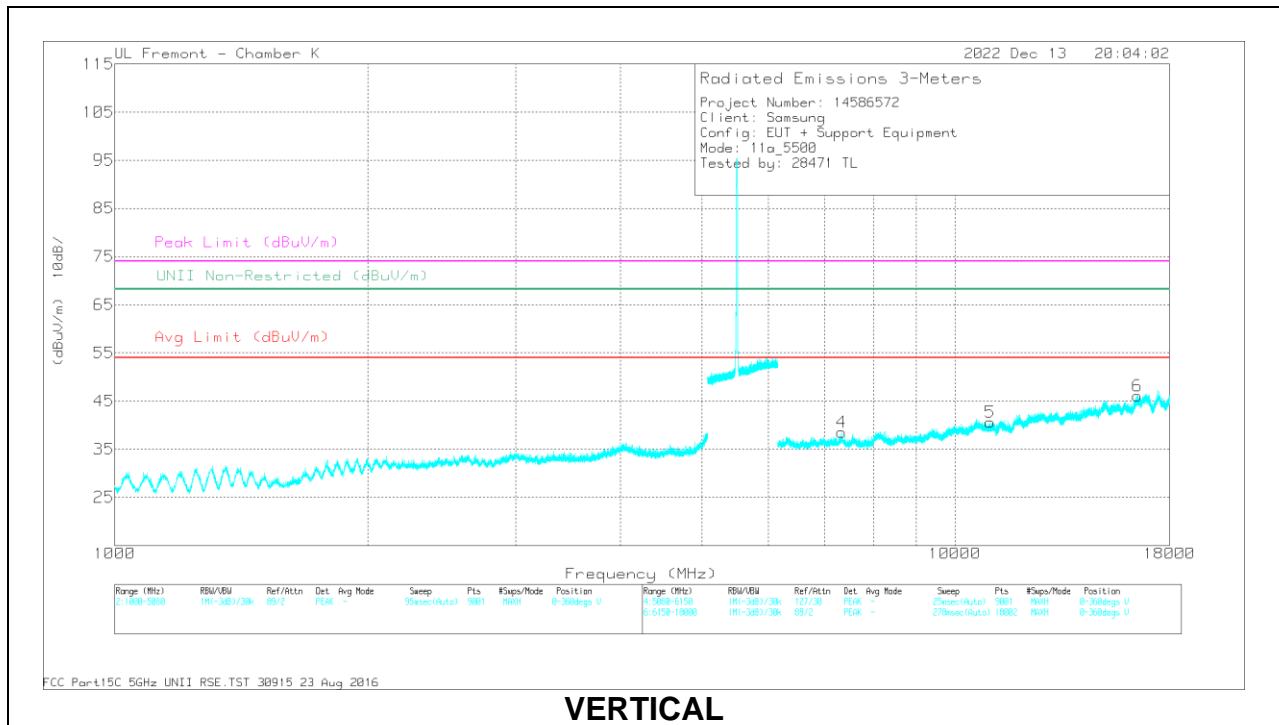
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

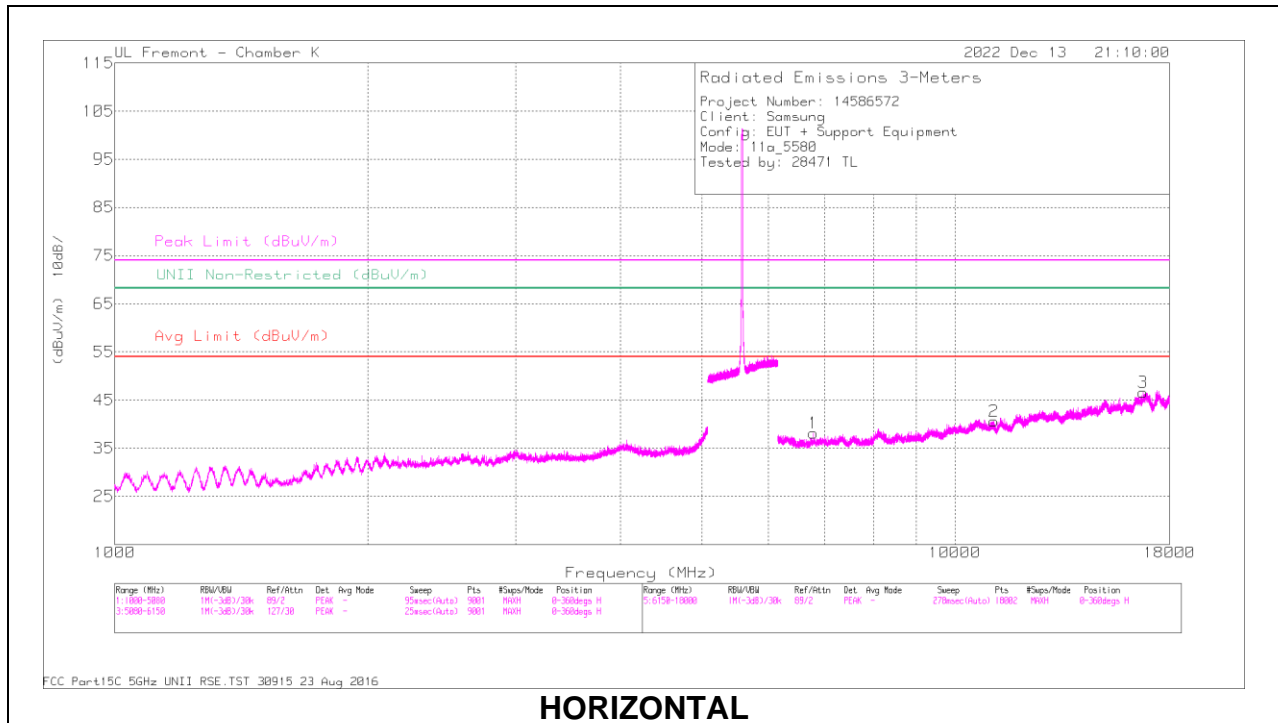
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7598.056	49.39	PK-U	35.8	-37.6	0	47.59	-	-	74	-26.41	-	-	18	146	H
	* 7603.555	37.32	ADR	35.8	-37.8	.36	35.68	54	-18.32	-	-	-	-	18	146	H
2	* 11003.82	48.28	PK-U	38	-36.5	0	49.78	-	-	74	-24.22	-	-	89	138	H
	* 10999.814	37.29	ADR	38	-36.5	.36	39.15	54	-14.85	-	-	-	-	89	138	H
3	16498.405	46.91	PK-U	40.9	-33.1	0	54.71	-	-	-	-	68.2	-13.49	133	191	H
4	* 7339.311	49.03	PK-U	35.7	-36.9	0	47.63	-	-	74	-26.17	-	-	6	259	V
	* 7344.623	37.18	ADR	35.7	-36.9	.36	36.34	54	-17.66	-	-	-	-	6	259	V
5	* 11012.622	48.33	PK-U	38	-36.5	0	49.83	-	-	74	-24.17	-	-	46	371	V
	* 11020.475	36.94	ADR	38	-36.6	.36	38.7	54	-15.3	-	-	-	-	46	371	V
6	16518.978	46.67	PK-U	41	-33.2	0	54.47	-	-	-	-	68.2	-13.73	143	120	V

\* - indicates frequency in CFR47 Pt 15

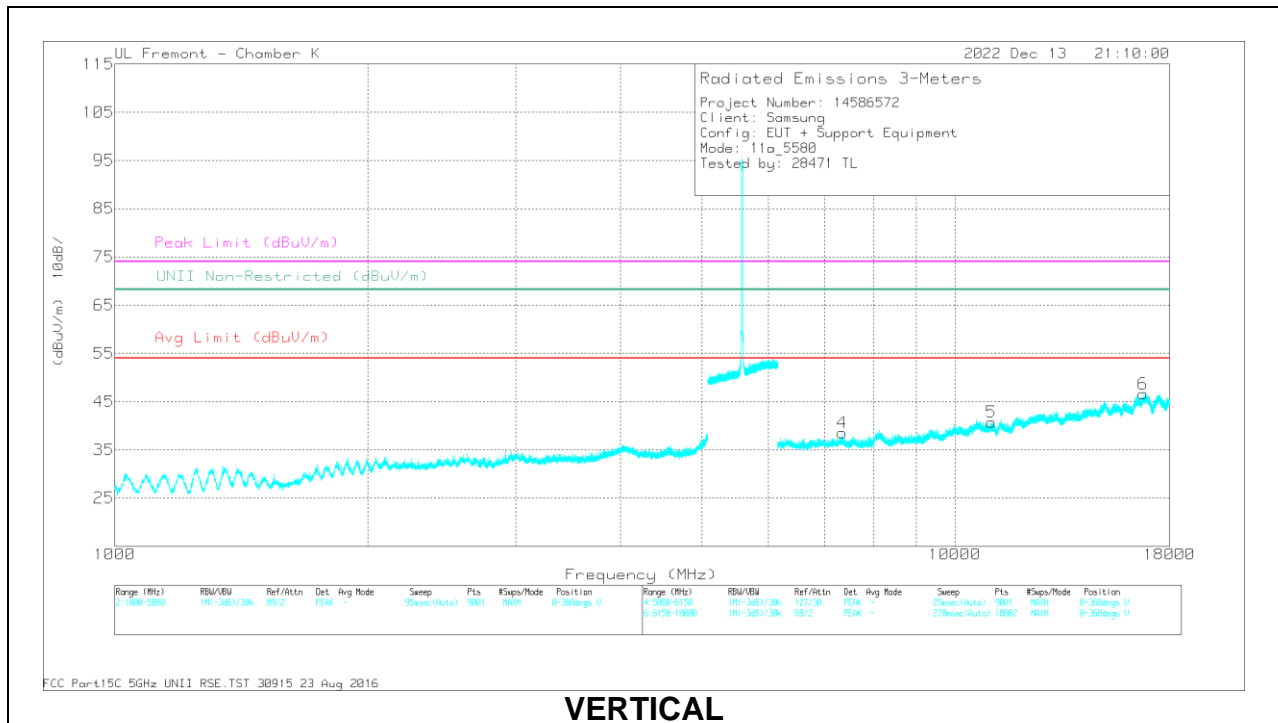
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

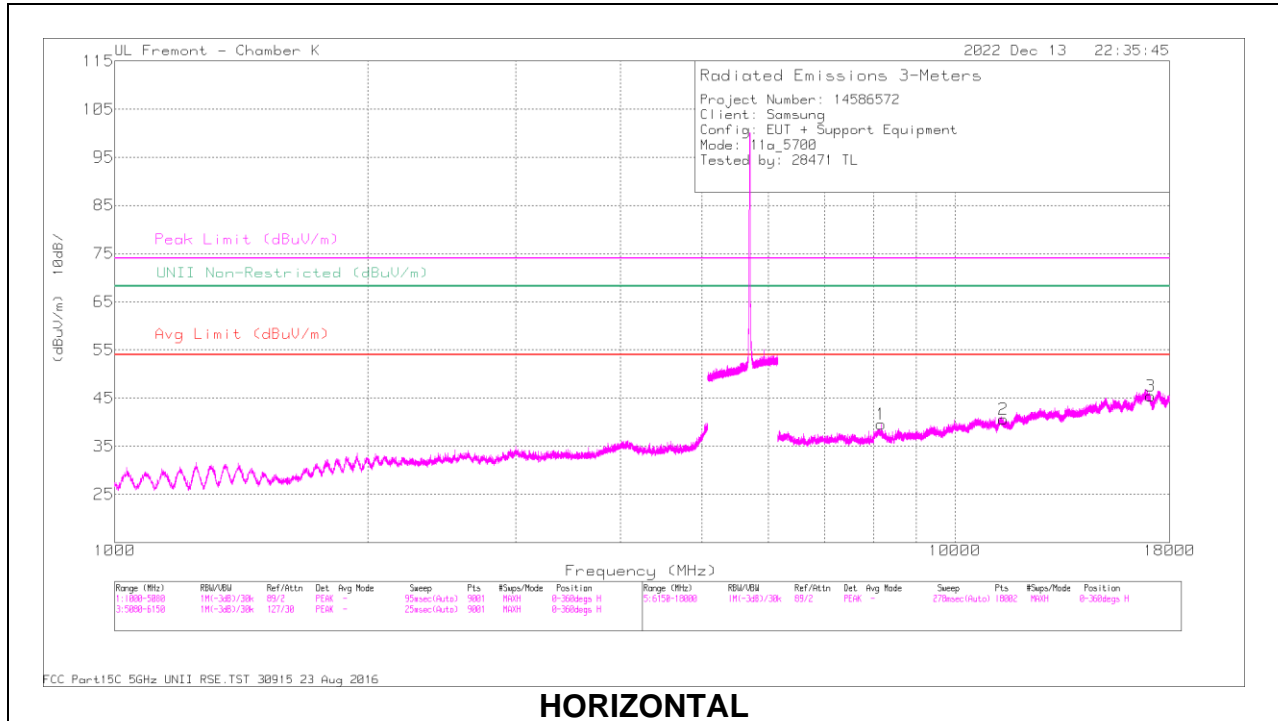
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6786.173	49.61	PK-U	35.6	-37.8	0	47.41	-	-	-	-	68.2	-20.79	139	314	H
2	* 11129.899	48.79	PK-U	38	-36.6	0	50.19	-	-	74	-23.81	-	-	289	240	H
	* 11159.902	37.52	ADR	38	-36.1	.36	39.78	54	-14.22	-	-	-	-	289	240	H
3	16756.14	47.44	PK-U	41.7	-32.9	0	56.24	-	-	-	-	68.2	-11.96	161	249	H
4	* 7312.636	48.9	PK-U	35.7	-37.1	0	47.5	-	-	74	-26.5	-	-	230	127	V
	* 7340.192	37.09	ADR	35.7	-36.9	.36	36.25	54	-17.75	-	-	-	-	230	127	V
5	* 11068.857	48.82	PK-U	38	-36.5	0	50.32	-	-	74	-23.68	-	-	344	294	V
	* 11073.103	37	ADR	38	-36.6	.36	38.76	54	-15.24	-	-	-	-	344	294	V
6	16736.747	47.1	PK-U	41.6	-33	0	55.7	-	-	-	-	68.2	-12.5	186	241	V

\* - indicates frequency in CFR47 Pt 15

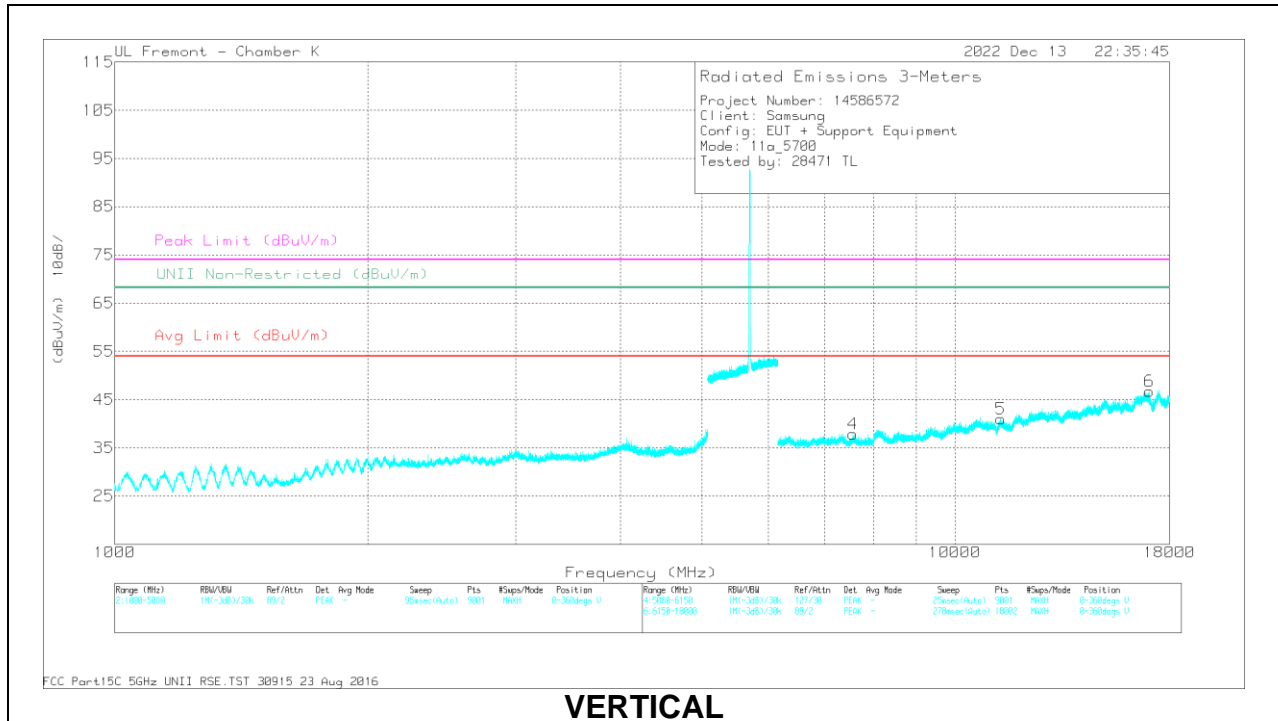
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

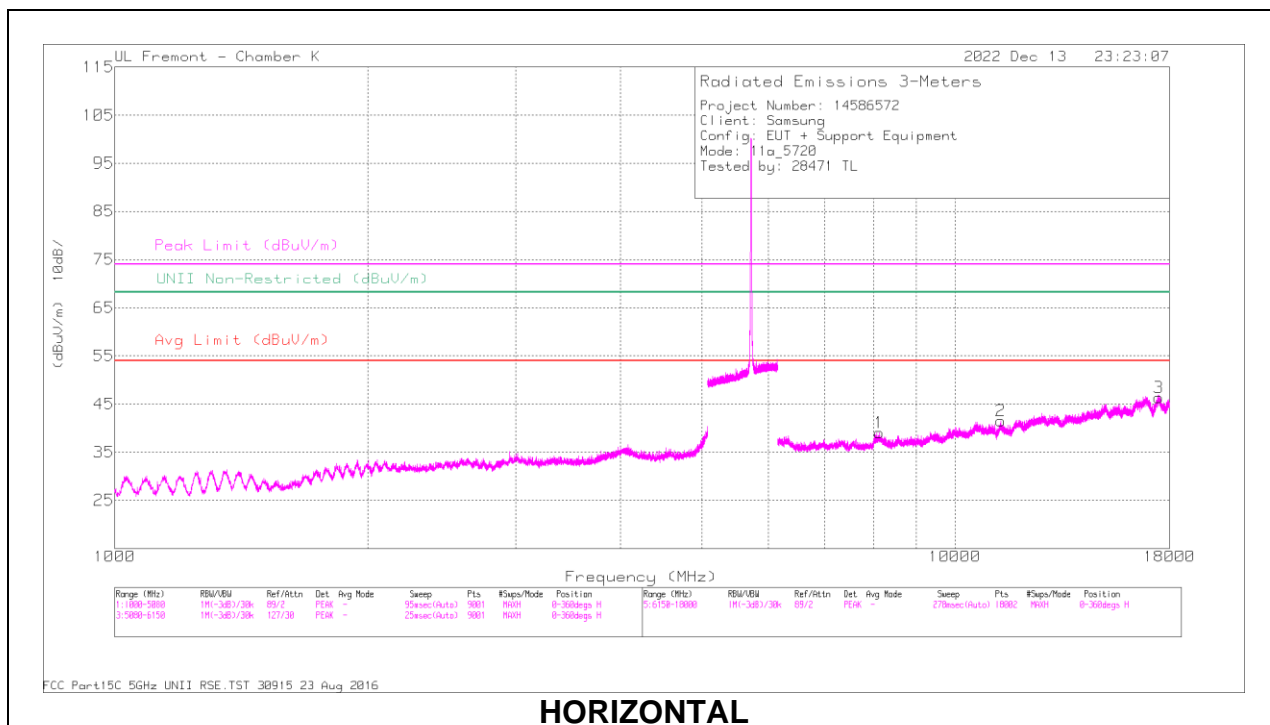
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8153.73	49.94	PK-U	35.9	-37.7	0	48.14	-	-	74	-25.86	-	-	293	233	H
	* 8145.584	38.37	ADR	35.9	-37.7	.36	36.93	54	-17.07	-	-	-	-	293	233	H
2	* 11397.971	48.35	PK-U	37.8	-35.6	0	50.55	-	-	74	-23.45	-	-	35	267	H
	* 11428.795	36.66	ADR	37.8	-35.9	.36	38.92	54	-15.08	-	-	-	-	35	267	H
3	17103.281	45.98	PK-U	41.4	-32.1	0	55.28	-	-	-	-	68.2	-12.92	2	315	H
4	* 7544.107	48.73	PK-U	35.7	-37.4	0	47.03	-	-	74	-26.97	-	-	332	399	V
	* 7572.031	37.17	ADR	35.7	-37.4	.36	35.83	54	-18.17	-	-	-	-	332	399	V
5	* 11345.073	48.03	PK-U	37.8	-35.6	0	50.23	-	-	74	-23.77	-	-	274	271	V
	* 11310.463	36.96	ADR	37.8	-36	.36	39.12	54	-14.88	-	-	-	-	274	271	V
6	17008.898	45.62	PK-U	41.6	-32.7	0	54.52	-	-	-	-	68.2	-13.68	340	124	V

\* - indicates frequency in CFR47 Pt 15

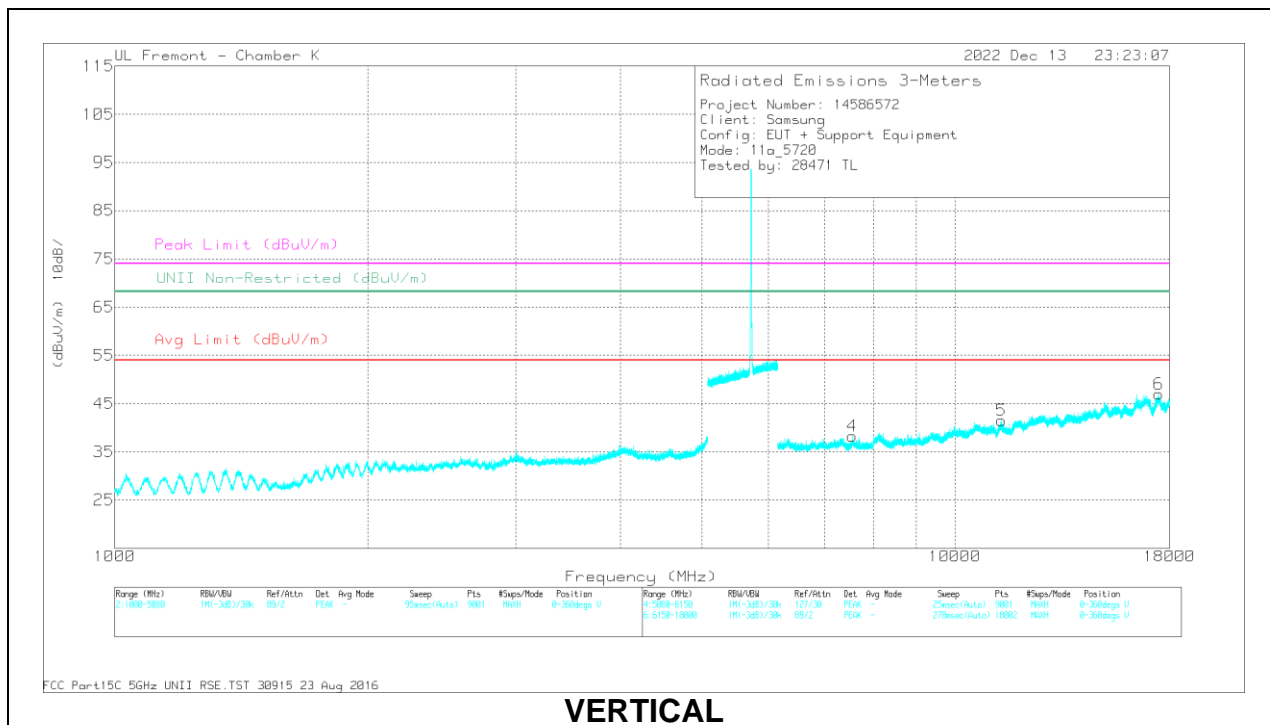
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### CHANNEL 144 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 8153.038	49.94	PK-U	35.9	-37.7	0	48.14	-	-	74	-25.86	-	-	278	186	H
	* 8145.639	38.32	ADR	35.9	-37.6	.36	36.98	54	-17.02	-	-	-	-	278	186	H
2	* 11348.205	48.29	PK-U	37.8	-35.6	0	50.49	-	-	74	-23.51	-	-	100	376	H
	* 11331.187	36.93	ADR	37.8	-35.6	.36	39.49	54	-14.51	-	-	-	-	100	376	H
3	17509.32	45.72	PK-U	40.8	-31.3	0	55.22	-	-	-	-	68.2	-12.98	97	177	H
4	* 7561.683	48.76	PK-U	35.7	-37.3	0	47.16	-	-	74	-26.84	-	-	206	143	V
	* 7568.123	37.18	ADR	35.7	-37.3	.36	35.94	54	-18.06	-	-	-	-	206	143	V
5	* 11360.757	48.2	PK-U	37.8	-35.7	0	50.3	-	-	74	-23.7	-	-	73	330	V
	* 11336.673	36.73	ADR	37.8	-35.6	.36	39.29	54	-14.71	-	-	-	-	73	330	V
6	17516.656	45.82	PK-U	40.8	-31.3	0	55.32	-	-	-	-	68.2	-12.88	96	192	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

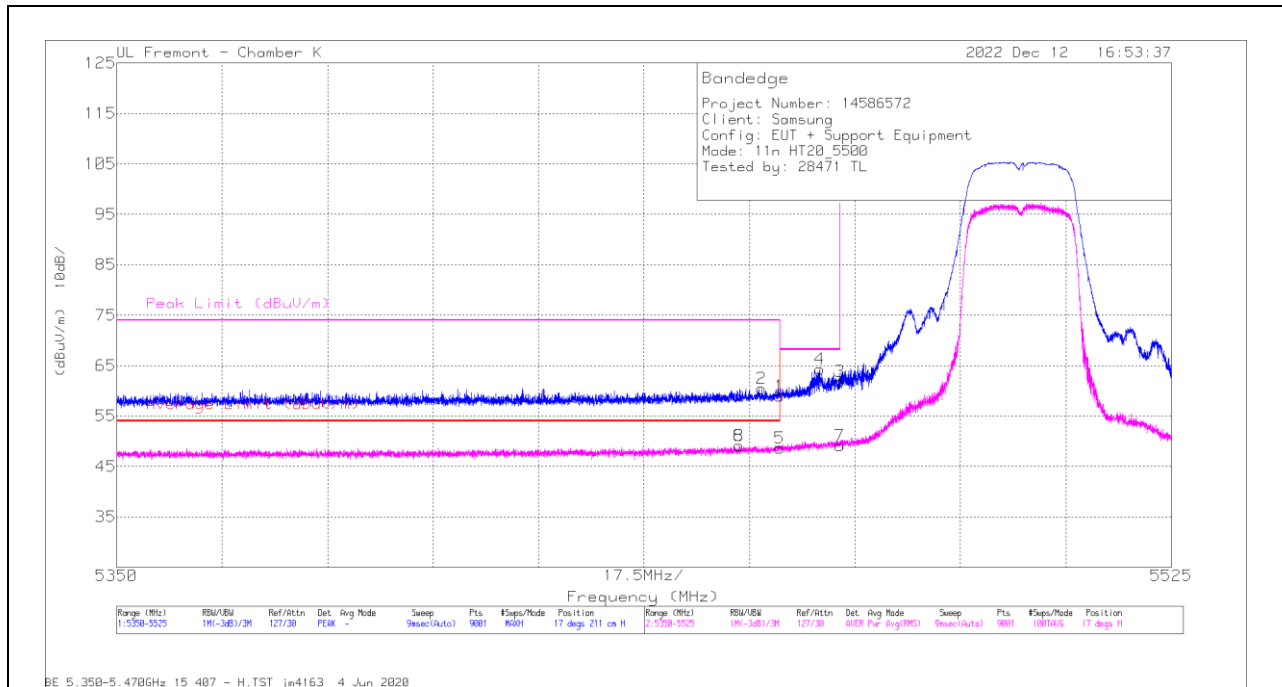
ADR - U-NII AD primary method, RMS average

### 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

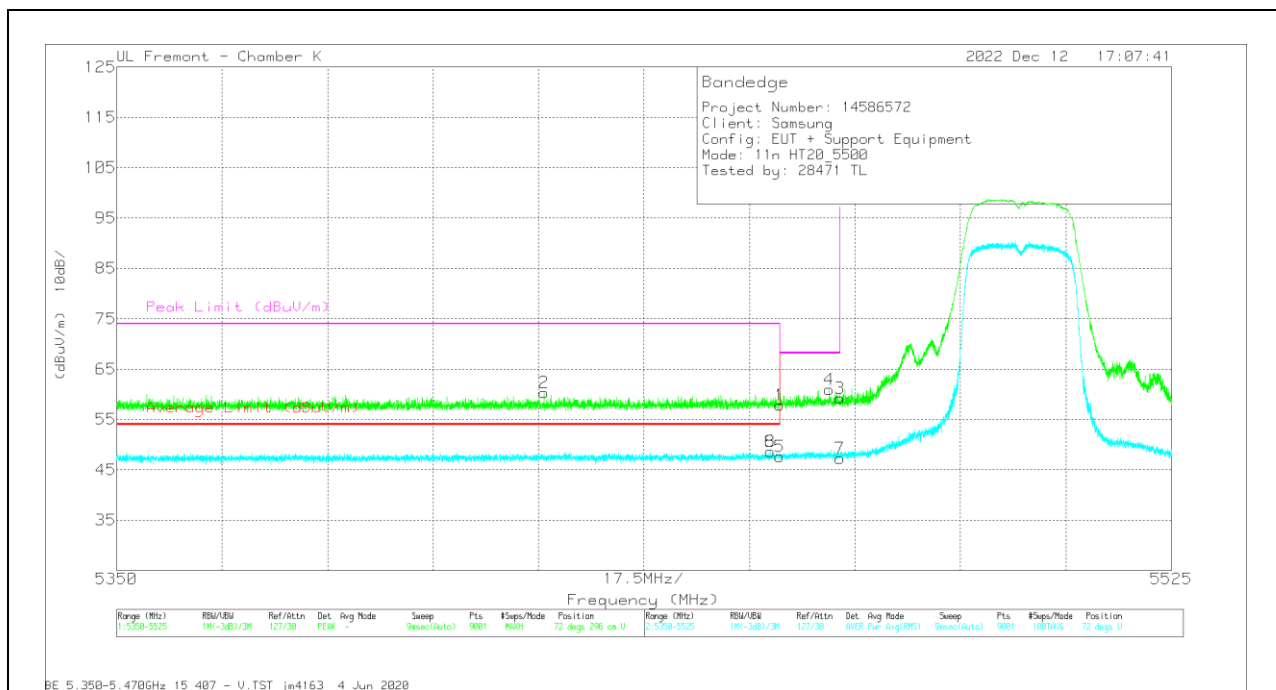
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.98	Pk	34.6	-30.6	0	58.98	-	-	68.2	-9.22	17	211	H
2	* 5456.981	56.49	Pk	34.6	-30.6	0	60.49	-	-	74	-13.51	17	211	H
3	5470	57.87	Pk	34.6	-30.6	0	61.87	-	-	68.2	-6.33	17	211	H
4	5466.683	60.37	Pk	34.6	-30.6	0	64.37	-	-	68.2	-3.83	17	211	H
5	* 5460	44.36	RMS	34.6	-30.6	.33	48.69	54	-5.31	-	-	17	211	H
6	* 5453.267	44.84	RMS	34.6	-30.6	.33	49.17	54	-4.83	-	-	17	211	H
7	5470	44.86	RMS	34.6	-30.6	.33	49.19	-	-	-	-	17	211	H
8	* 5453.267	44.84	RMS	34.6	-30.6	.33	49.17	54	-4.83	-	-	17	211	H

\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	53.84	Pk	34.6	-30.6	0	57.84	-	-	68.2	-10.36	72	296	V
2	* 5420.893	56.38	Pk	34.6	-30.6	0	60.38	-	-	74	-13.62	72	296	V
3	5470	55.2	Pk	34.6	-30.6	0	59.2	-	-	68.2	-9	72	296	V
4	5468.22	56.91	Pk	34.6	-30.6	0	60.91	-	-	68.2	-7.29	72	296	V
5	* 5460	43.34	RMS	34.6	-30.6	.33	47.67	54	-6.33	-	-	72	296	V
6	* 5458.42	44.32	RMS	34.6	-30.6	.33	48.65	54	-5.35	-	-	72	296	V
7	5470	42.97	RMS	34.6	-30.6	.33	47.3	-	-	-	-	72	296	V
8	* 5458.42	44.32	RMS	34.6	-30.6	.33	48.65	54	-5.35	-	-	72	296	V

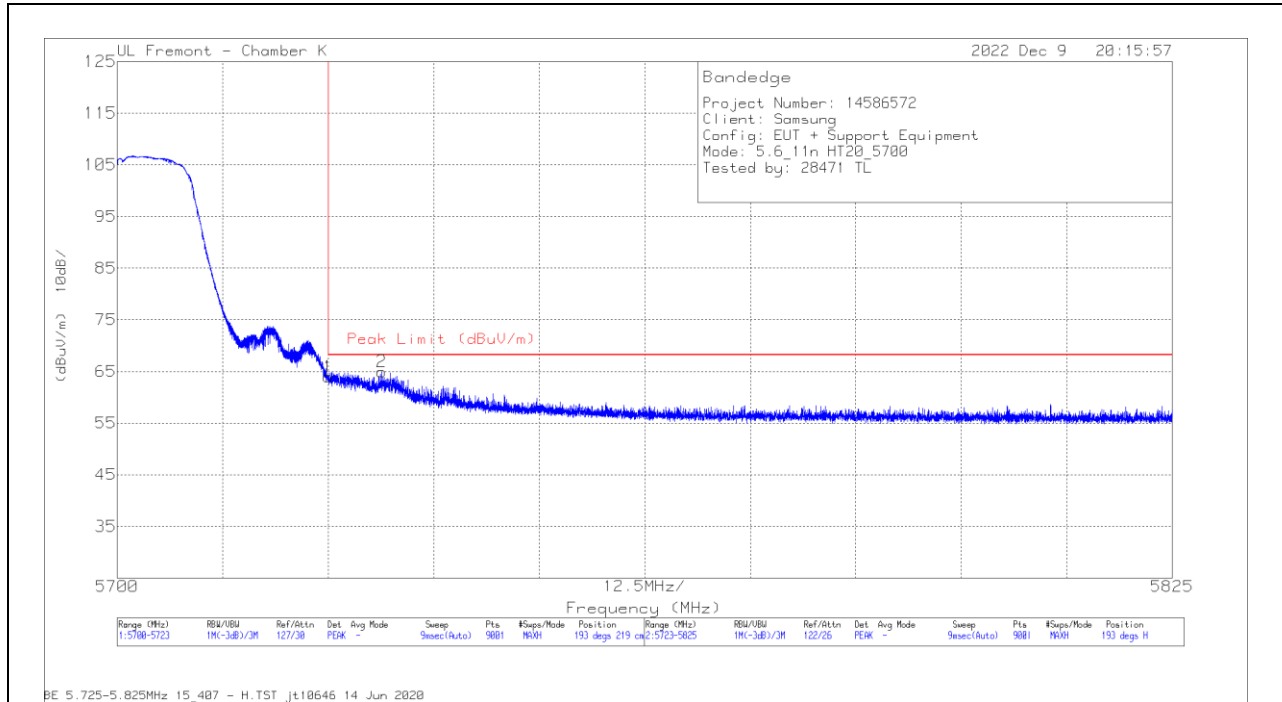
\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

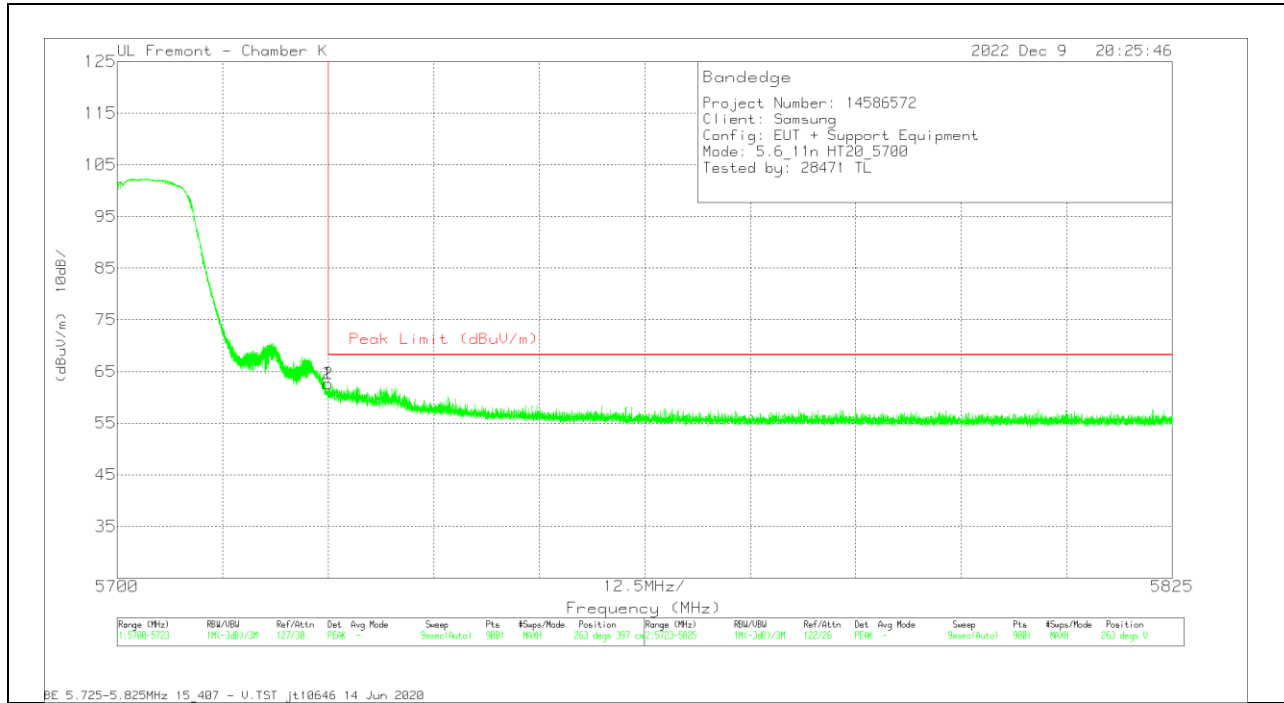


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	59.36	Pk	34.7	-30.1	63.96	68.2	-4.24	193	219	H
2	5731.33	60.34	Pk	34.7	-30.1	64.94	68.2	-3.26	193	219	H

Pk - Peak detector

### VERTICAL RESULT



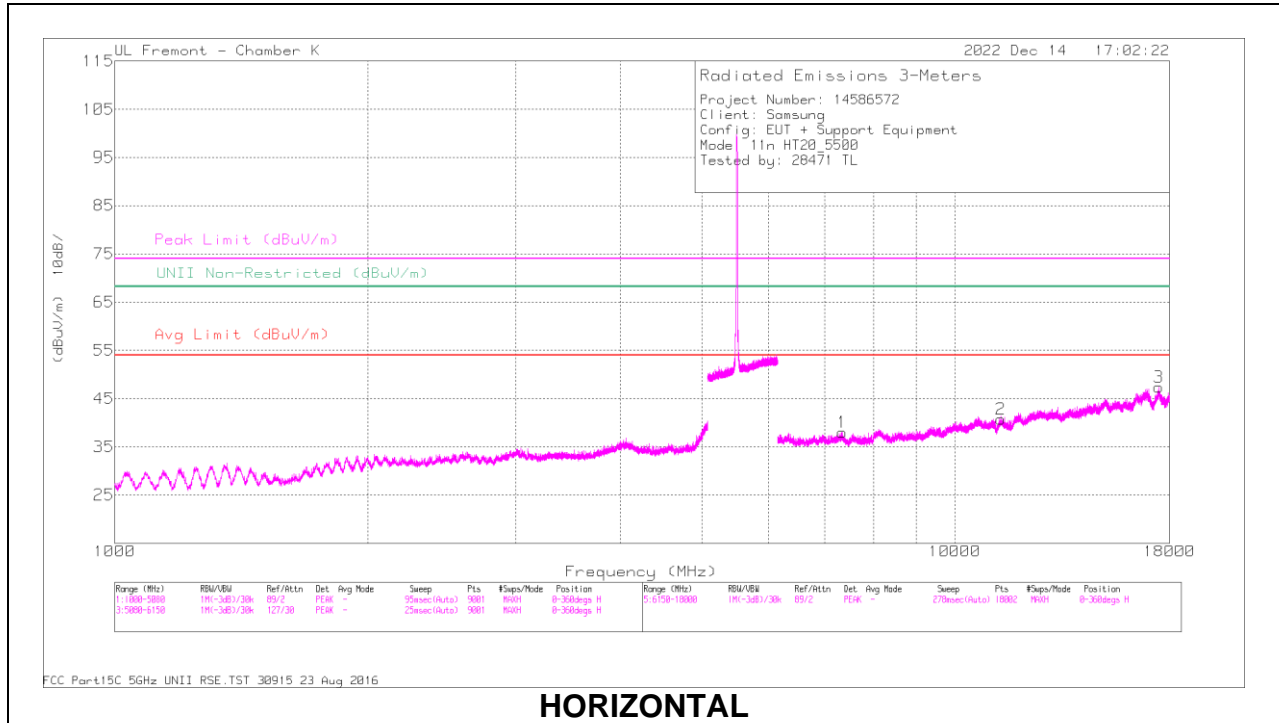
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	58	Pk	34.7	-30.1	62.6	68.2	-5.6	263	397	V
2	5725.006	58.01	Pk	34.7	-30.1	62.61	68.2	-5.59	263	397	V

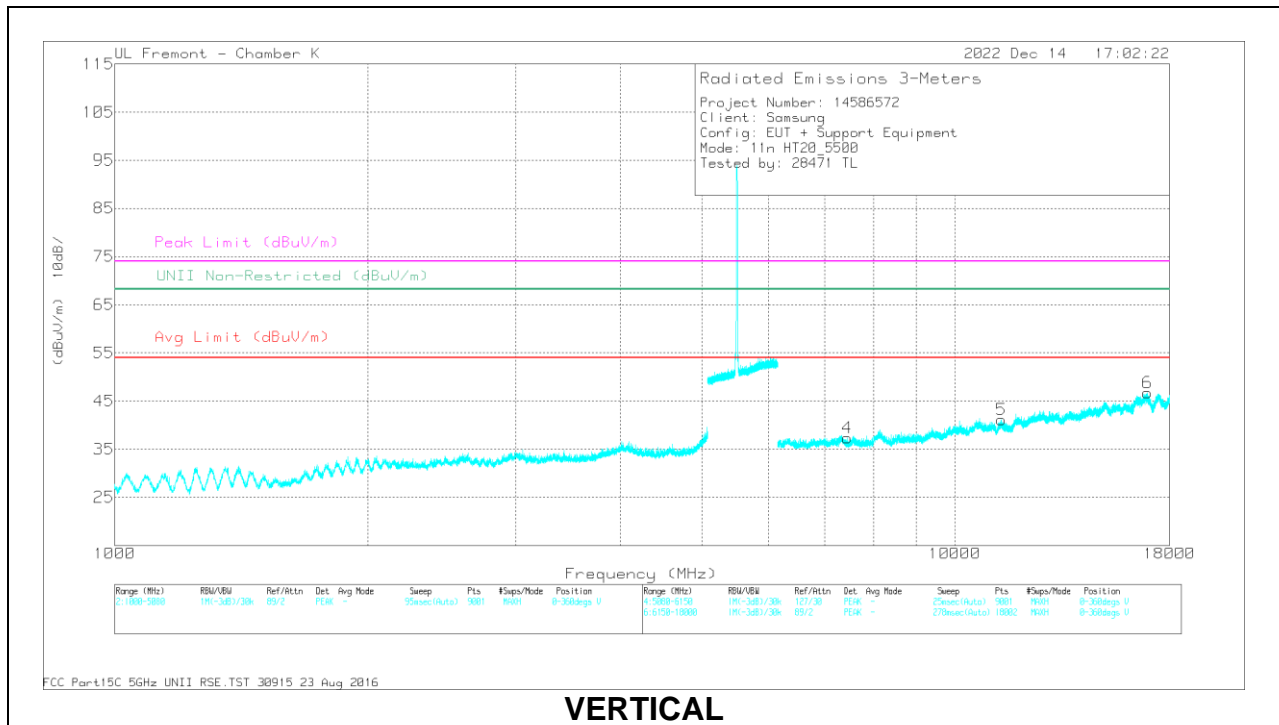
Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL RESULTS**



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

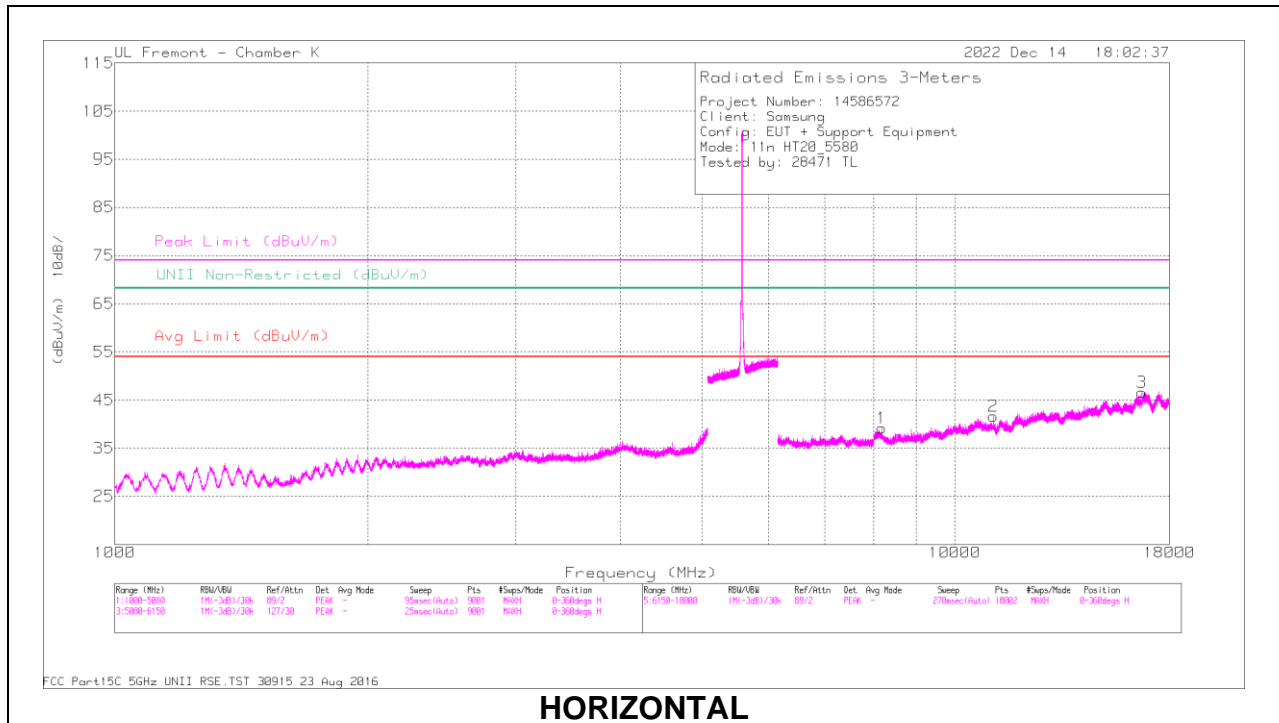
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7362.27	48.9	PK-U	35.7	-37.3	0	47.3	-	-	74	-26.7	-	-	221	168	H
	* 7333.213	38.19	ADR	35.7	-36.9	.33	37.32	54	-16.68	-	-	-	-	221	168	H
2	* 11323.704	48.27	PK-U	37.8	-35.8	0	50.27	-	-	74	-23.73	-	-	286	319	H
	* 11326.204	36.68	ADR	37.8	-35.7	.33	39.11	54	-14.89	-	-	-	-	286	319	H
3	17483.951	45.55	PK-U	40.9	-30.6	0	55.85	-	-	-	-	68.2	-12.35	48	260	H
4	* 7411.585	48.95	PK-U	35.7	-38	0	46.65	-	-	74	-27.35	-	-	344	367	V
	* 7431.79	37.42	ADR	35.7	-38.1	.33	35.35	54	-18.65	-	-	-	-	344	367	V
5	* 11337.304	48.46	PK-U	37.8	-35.6	0	50.66	-	-	74	-23.34	-	-	23	299	V
	* 11364.561	36.64	ADR	37.8	-35.7	.33	39.07	54	-14.93	-	-	-	-	23	299	V
6	16979.353	46.2	PK-U	41.6	-32.9	0	54.9	-	-	-	-	68.2	-13.3	203	262	V

\* - indicates frequency in CFR47 Pt 15

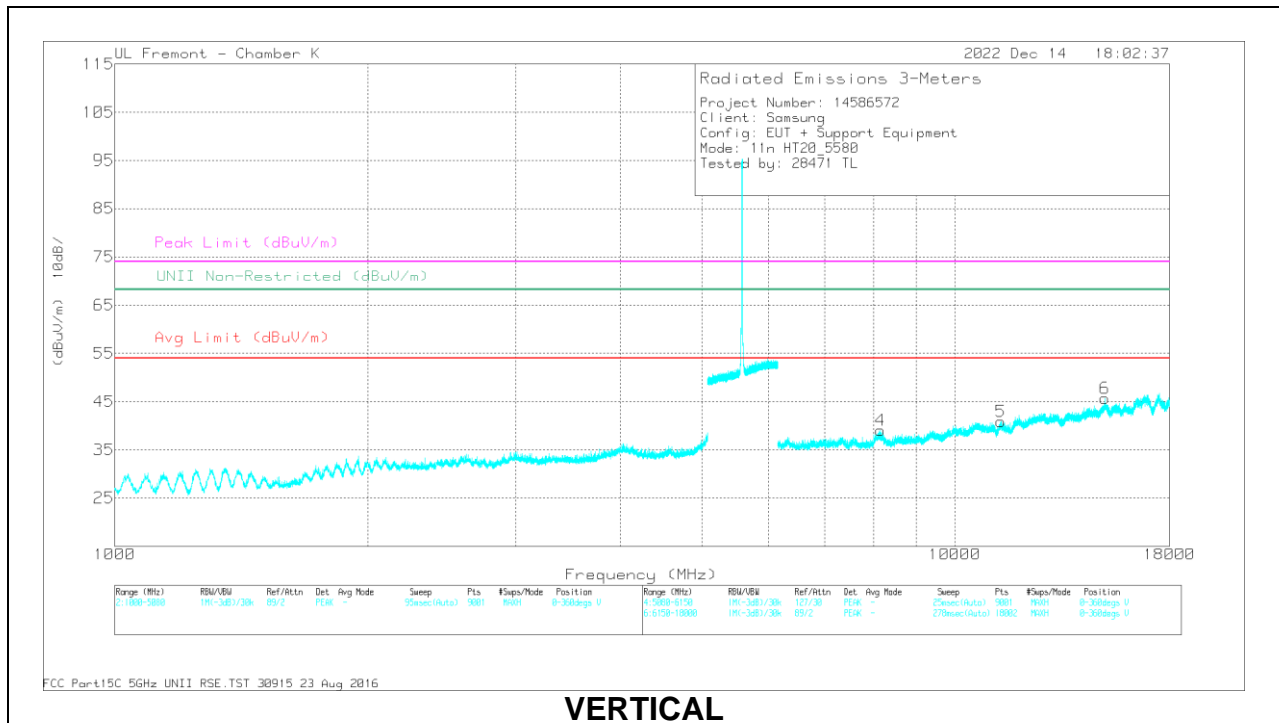
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

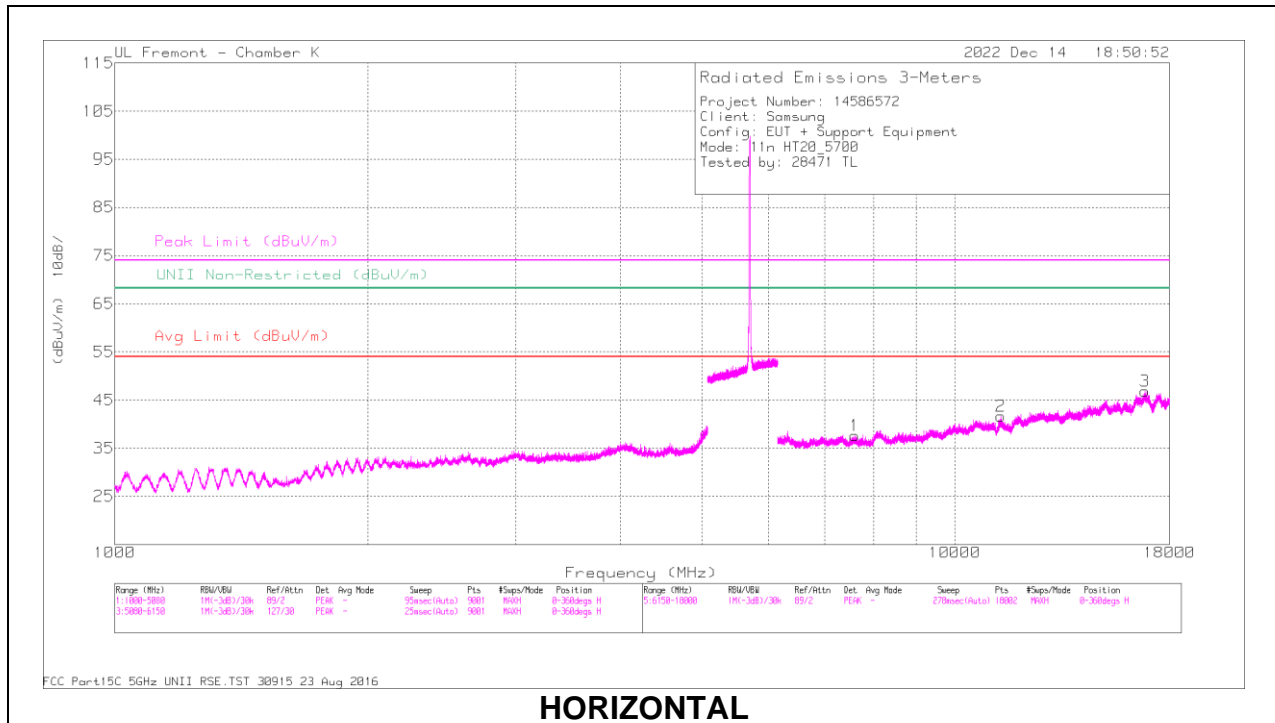
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8169.313	50.24	PK-U	35.9	-37.7	0	48.44	-	-	74	-25.56	-	-	275	189	H
	* 8168.493	38.19	ADR	35.9	-37.7	.33	36.72	54	-17.28	-	-	-	-	275	189	H
2	* 11102.63	48.28	PK-U	38	-36.5	0	49.78	-	-	74	-24.22	-	-	150	263	H
	* 11116.949	36.88	ADR	38	-36.4	.33	38.81	54	-15.19	-	-	-	-	150	263	H
3	16839.318	46.47	PK-U	41.7	-32.7	0	55.47	-	-	-	-	68.2	-12.73	110	149	H
4	* 8175.289	49.96	PK-U	35.9	-37.6	0	48.26	-	-	74	-25.74	-	-	223	111	V
	* 8155.125	38.34	ADR	35.9	-37.8	.33	36.77	54	-17.23	-	-	-	-	223	111	V
5	* 11355.595	48.25	PK-U	37.8	-35.6	0	50.45	-	-	74	-23.55	-	-	95	231	V
	* 11321.332	36.78	ADR	37.8	-35.9	.33	39.01	54	-14.99	-	-	-	-	95	231	V
6	15083.691	47.07	PK-U	40.1	-33.8	0	53.37	-	-	-	-	68.2	-14.83	358	182	V

\* - indicates frequency in CFR47 Pt 15

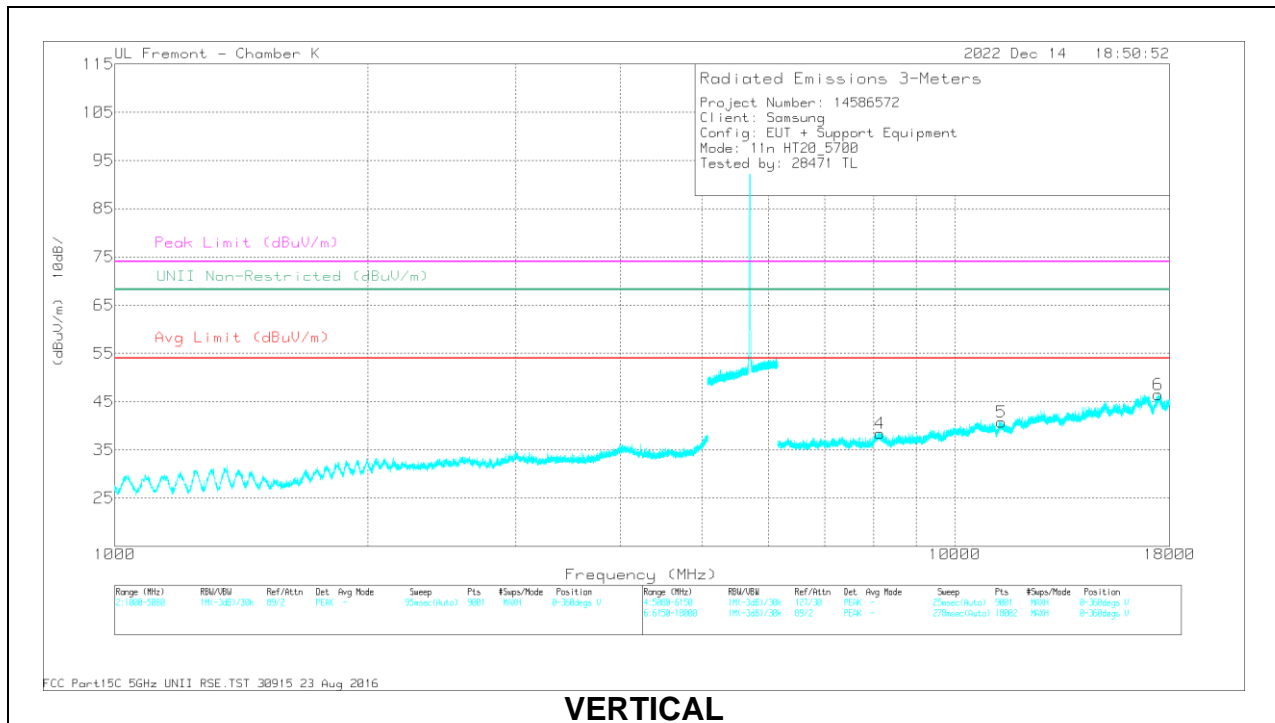
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

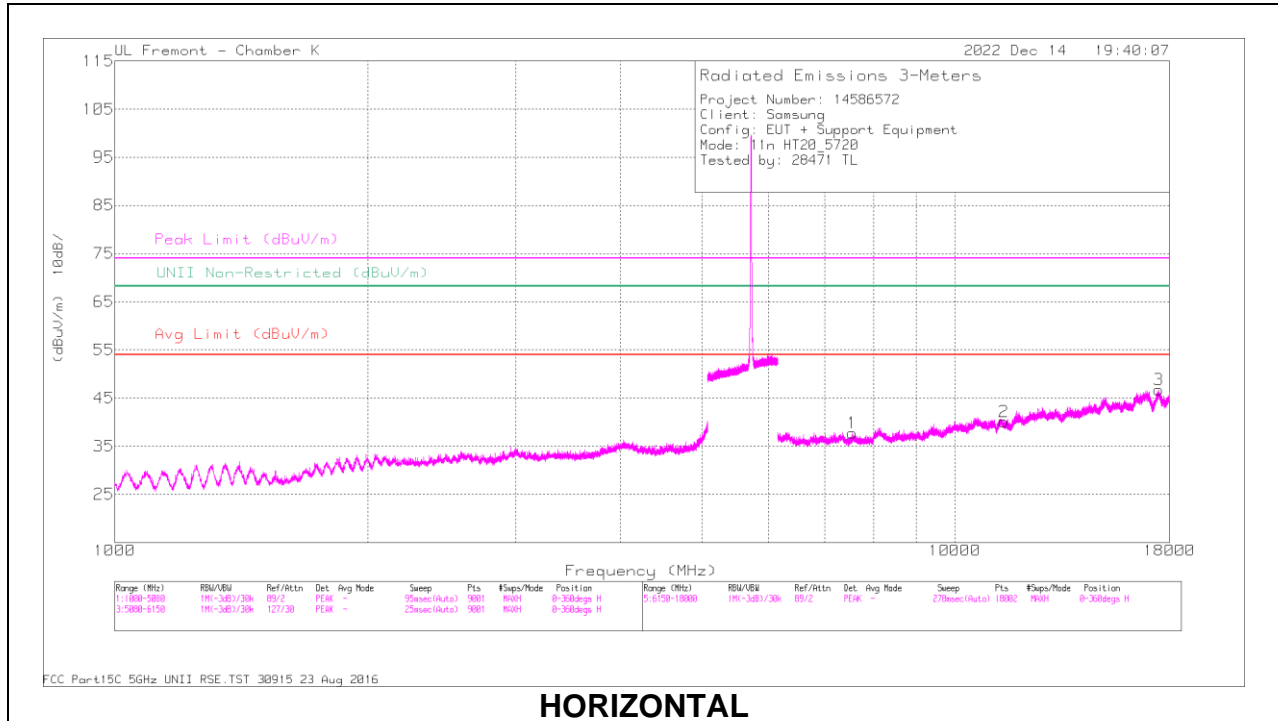
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7574.556	48.61	PK-U	35.7	-37.4	0	46.91	-	-	74	-27.09	-	-	224	299	H
	* 7602.626	37.32	ADR	35.8	-37.7	.33	35.75	54	-18.25	-	-	-	-	224	299	H
2	* 11363.759	48.81	PK-U	37.8	-35.7	0	50.91	-	-	74	-23.09	-	-	53	306	H
	* 11348.754	36.85	ADR	37.8	-35.6	.33	39.38	54	-14.62	-	-	-	-	53	306	H
3	16845.241	46.5	PK-U	41.7	-32.5	0	55.7	-	-	-	-	68.2	-12.5	32	101	H
4	* 8154.435	50.05	PK-U	35.9	-37.8	0	48.15	-	-	74	-25.85	-	-	63	307	V
	* 8157.255	38.27	ADR	35.9	-37.8	.33	36.7	54	-17.3	-	-	-	-	63	307	V
5	* 11345.774	48.66	PK-U	37.8	-35.5	0	50.96	-	-	74	-23.04	-	-	96	315	V
	* 11360.686	36.51	ADR	37.8	-35.7	.33	38.94	54	-15.06	-	-	-	-	96	315	V
6	17446.489	45.47	PK-U	40.9	-31.1	0	55.27	-	-	-	-	68.2	-12.93	155	212	V

\* - indicates frequency in CFR47 Pt 15

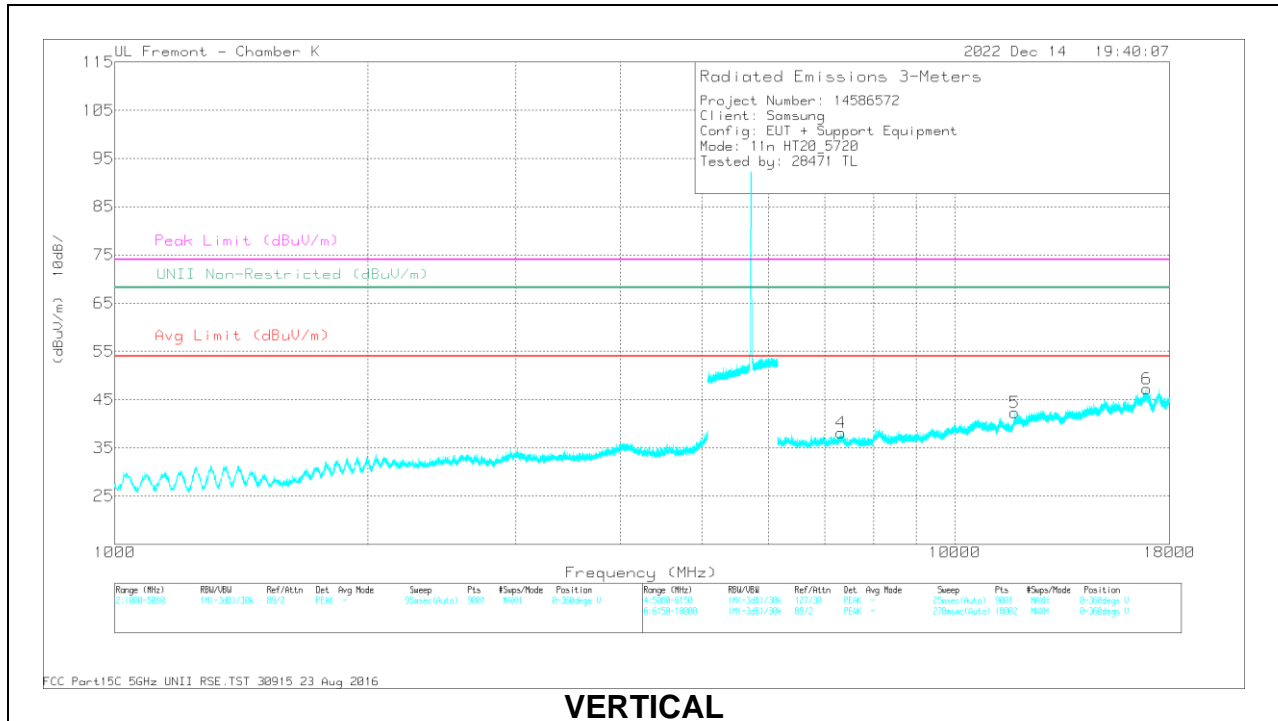
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### CHANNEL 144 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 7556.539	48.52	PK-U	35.7	-37.4	0	46.82	-	-	74	-27.18	-	-	150	126	H
	* 7573.164	37.02	ADR	35.7	-37.3	.33	35.75	54	-18.25	-	-	-	-	150	126	H
2	* 11411.774	47.77	PK-U	37.8	-35.7	0	49.87	-	-	74	-24.13	-	-	211	231	H
	* 11439.791	36.44	ADR	37.8	-35.9	.33	38.67	54	-15.33	-	-	-	-	211	231	H
3	17476.833	45.65	PK-U	40.9	-30.5	0	56.05	-	-	-	-	68.2	-12.15	103	275	H
4	* 7296.426	48.95	PK-U	35.7	-37.2	0	47.45	-	-	74	-26.55	-	-	273	283	V
	* 7299.993	37.11	ADR	35.7	-37.1	.33	36.04	54	-17.96	-	-	-	-	273	283	V
5	* 11780.093	47.1	PK-U	38.3	-35.1	0	50.3	-	-	74	-23.7	-	-	179	389	V
	* 11812.343	35.72	ADR	38.3	-34.9	.33	39.45	54	-14.55	-	-	-	-	179	389	V
6	16940.723	45.95	PK-U	41.7	-32.7	0	54.95	-	-	-	-	68.2	-13.25	73	314	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

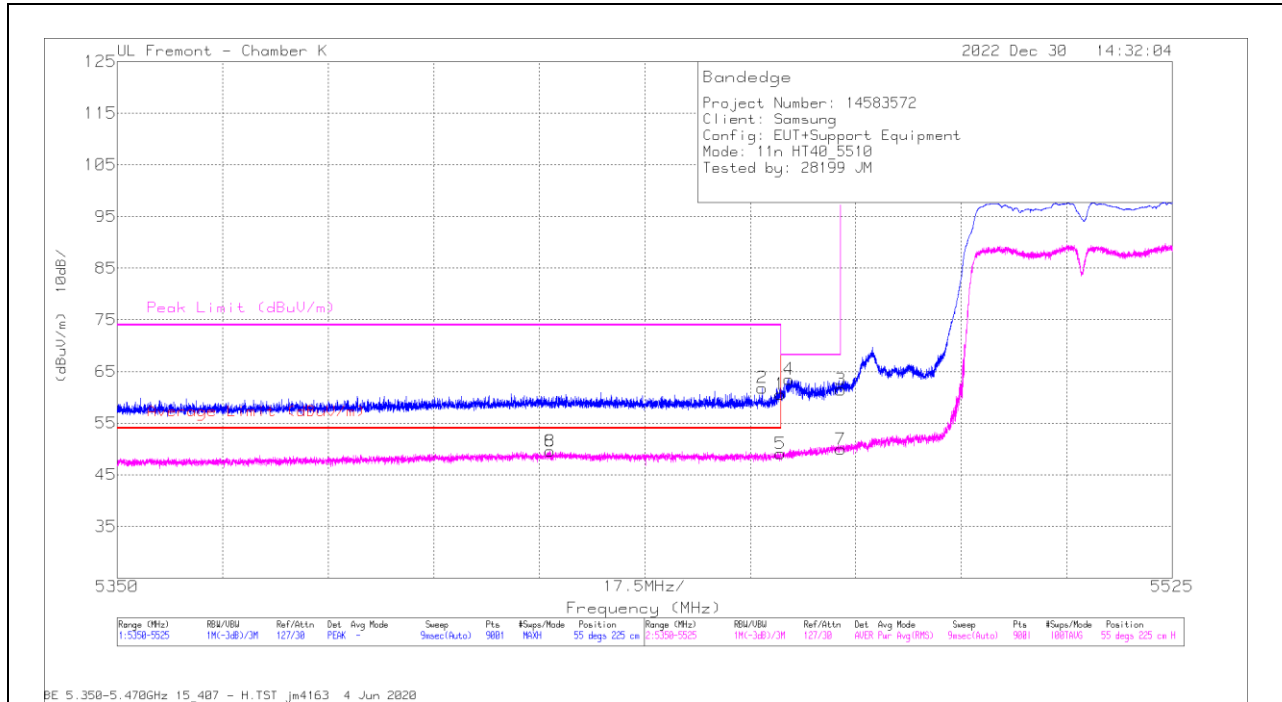
ADR - U-NII AD primary method, RMS average

### 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



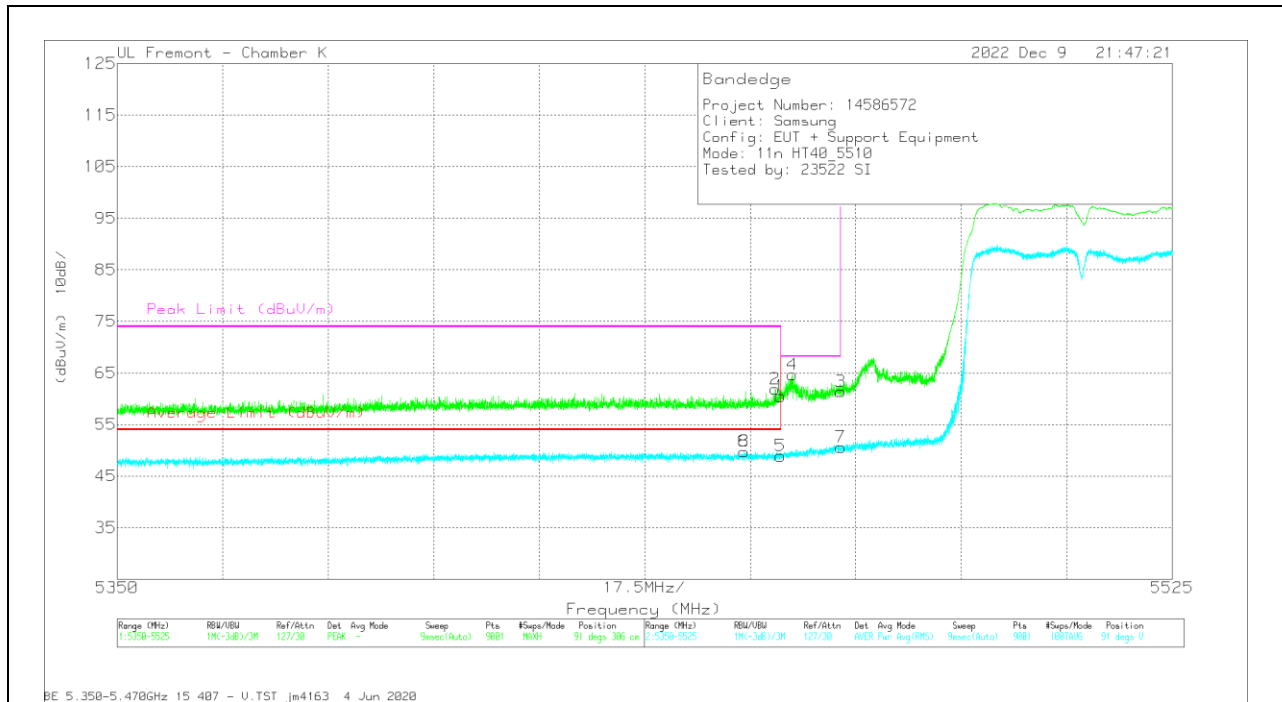
#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	56.6	Pk	34.6	-30.6	0	60.6	-	-	68.2	-7.6	55	225	H
2	* 5456.981	57.83	Pk	34.6	-30.6	0	61.83	-	-	74	-12.17	55	225	H
3	5470	57.47	Pk	34.6	-30.6	0	61.47	-	-	68.2	-6.73	55	225	H
4	5461.375	59.48	Pk	34.6	-30.6	0	63.48	-	-	68.2	-4.72	55	225	H
5	* 5460	44.44	RMS	34.6	-30.6	.69	49.13	54	-4.87	-	-	55	225	H
6	* 5421.807	45.04	RMS	34.6	-30.7	.69	49.63	54	-4.37	-	-	55	225	H
7	5470	45.3	RMS	34.6	-30.6	.69	49.99	-	-	-	-	55	225	H
8	* 5421.807	45.04	RMS	34.6	-30.7	.69	49.63	54	-4.37	-	-	55	225	H

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection



### VERTICAL RESULT



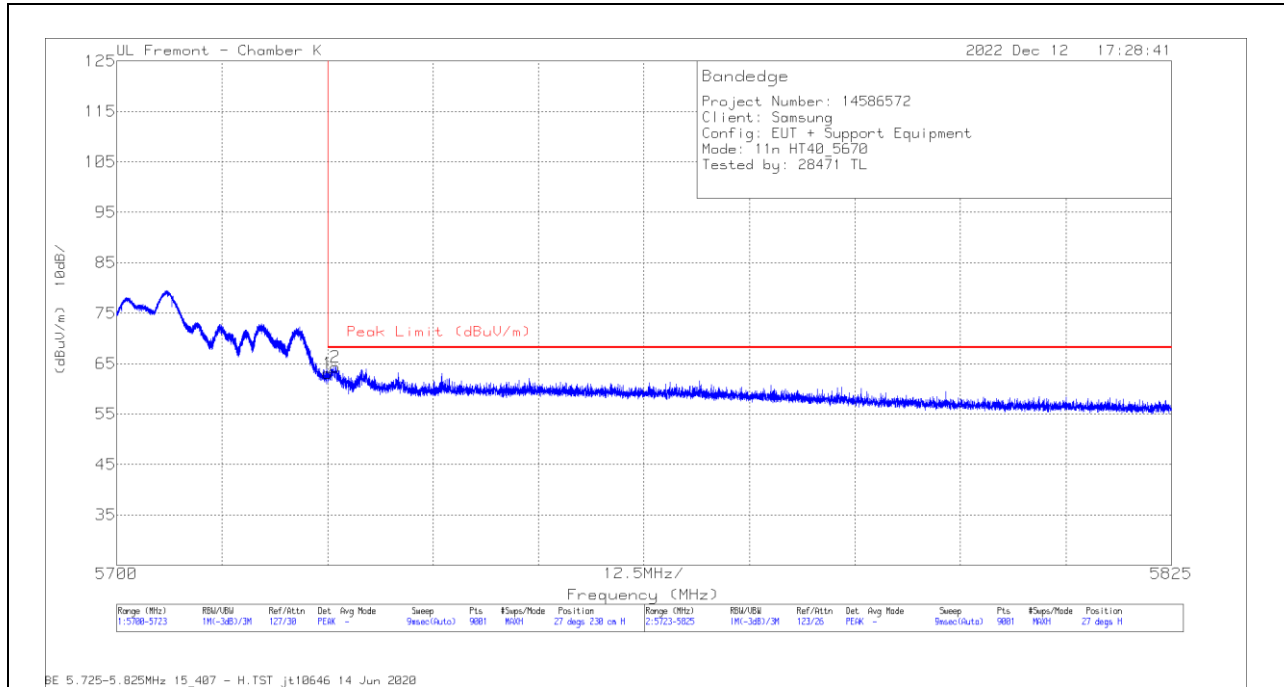
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	56.51	Pk	34.6	-30.6	0	60.51	-	-	68.2	-7.69	91	306	V
2	* 5459.081	57.97	Pk	34.6	-30.7	0	61.87	-	-	74	-12.13	91	306	V
3	5470	57.4	Pk	34.6	-30.6	0	61.4	-	-	68.2	-6.8	91	306	V
4	5461.978	60.57	Pk	34.6	-30.5	0	64.67	-	-	68.2	-3.53	91	306	V
5	* 5460	44.24	RMS	34.6	-30.6	.69	48.93	54	-5.07	-	-	91	306	V
6	* 5453.967	45.07	RMS	34.6	-30.6	.69	49.76	54	-4.24	-	-	91	306	V
7	5470	45.92	RMS	34.6	-30.6	.69	50.61	-	-	-	-	91	306	V
8	* 5453.967	45.07	RMS	34.6	-30.6	.69	49.76	54	-4.24	-	-	91	306	V

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

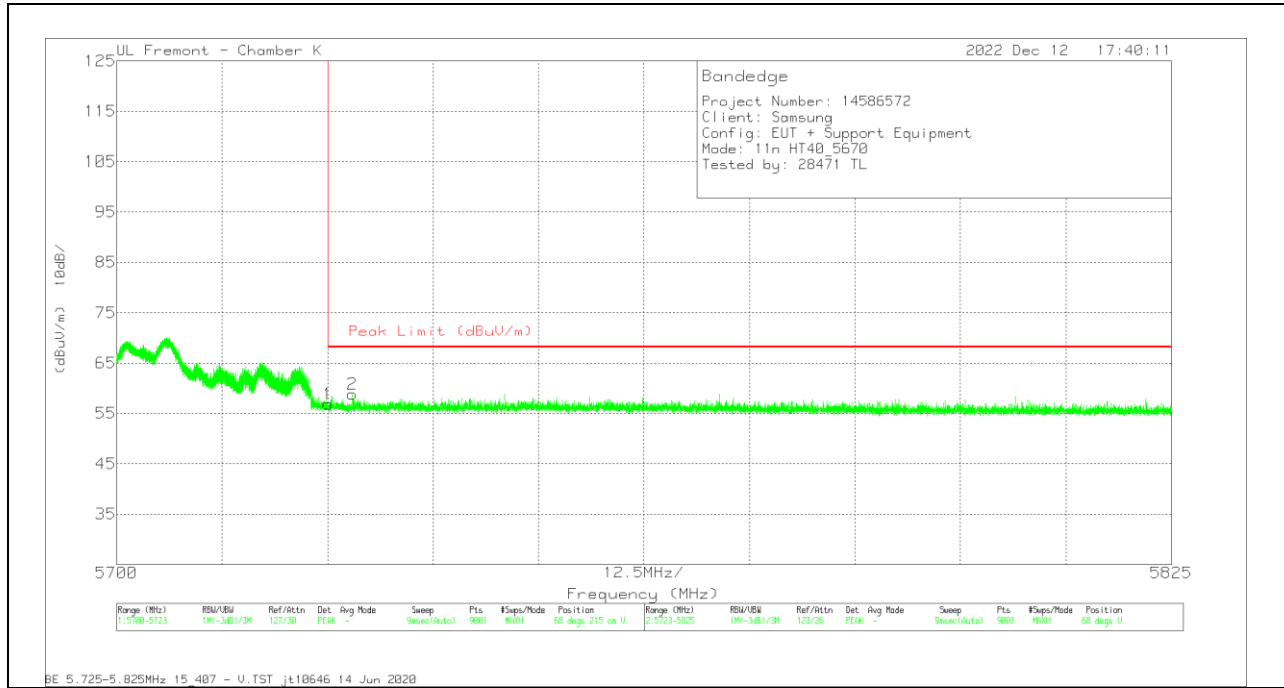


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	58.49	Pk	34.7	-30.1	63.09	68.2	-5.11	27	230	H
2	5725.924	59.66	Pk	34.7	-30	64.36	68.2	-3.84	27	230	H

Pk - Peak detector

### VERTICAL RESULT



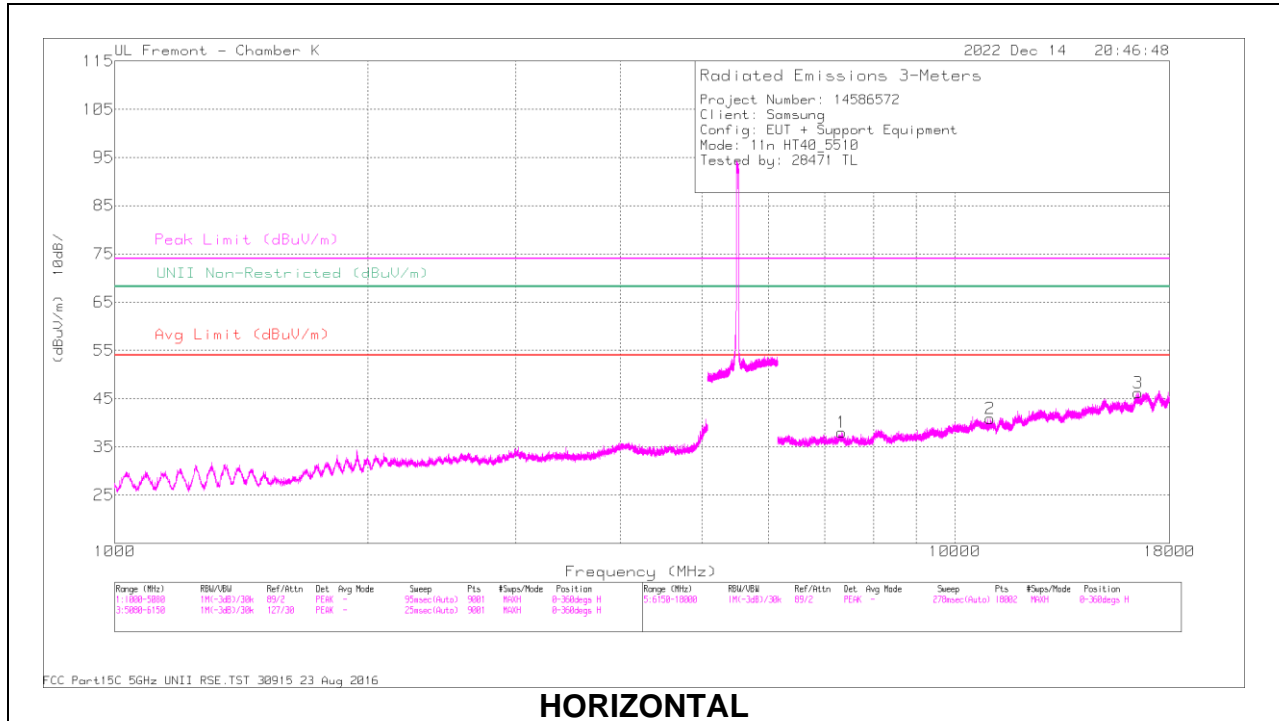
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	52.24	Pk	34.7	-30.1	56.84	68.2	-11.36	68	215	V
2	5727.964	54.27	Pk	34.7	-30.1	58.87	68.2	-9.33	68	215	V

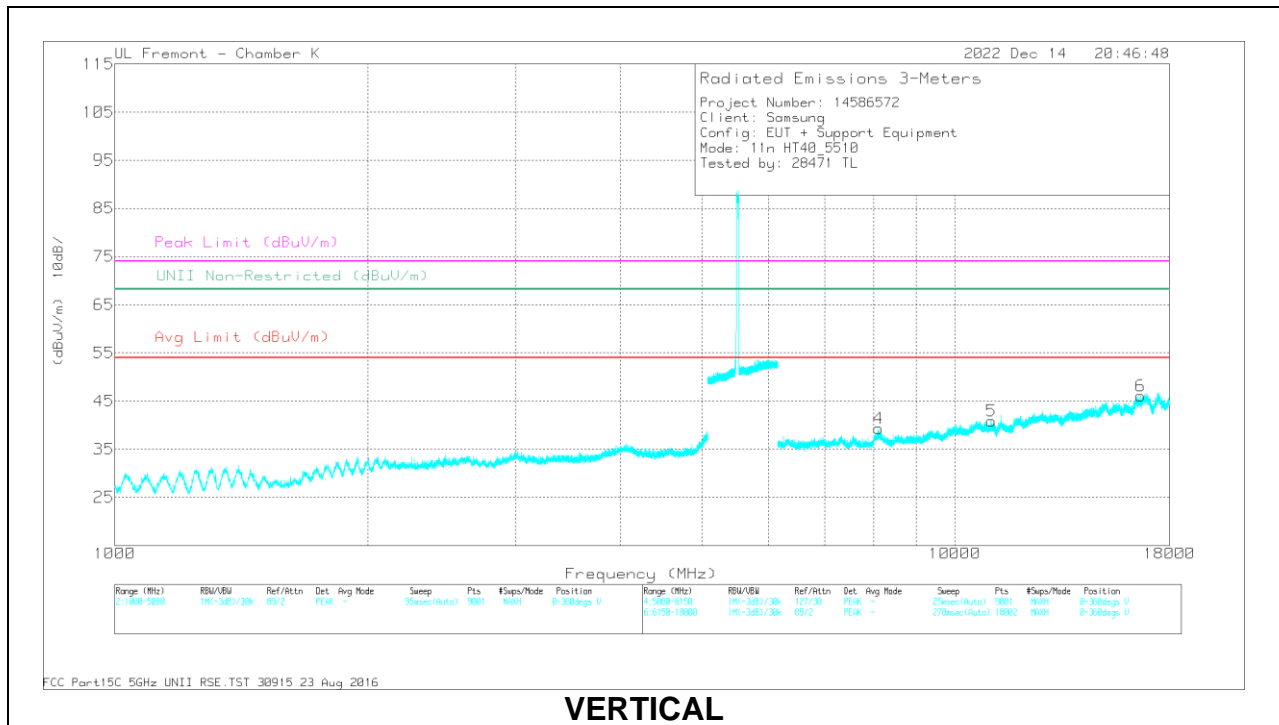
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

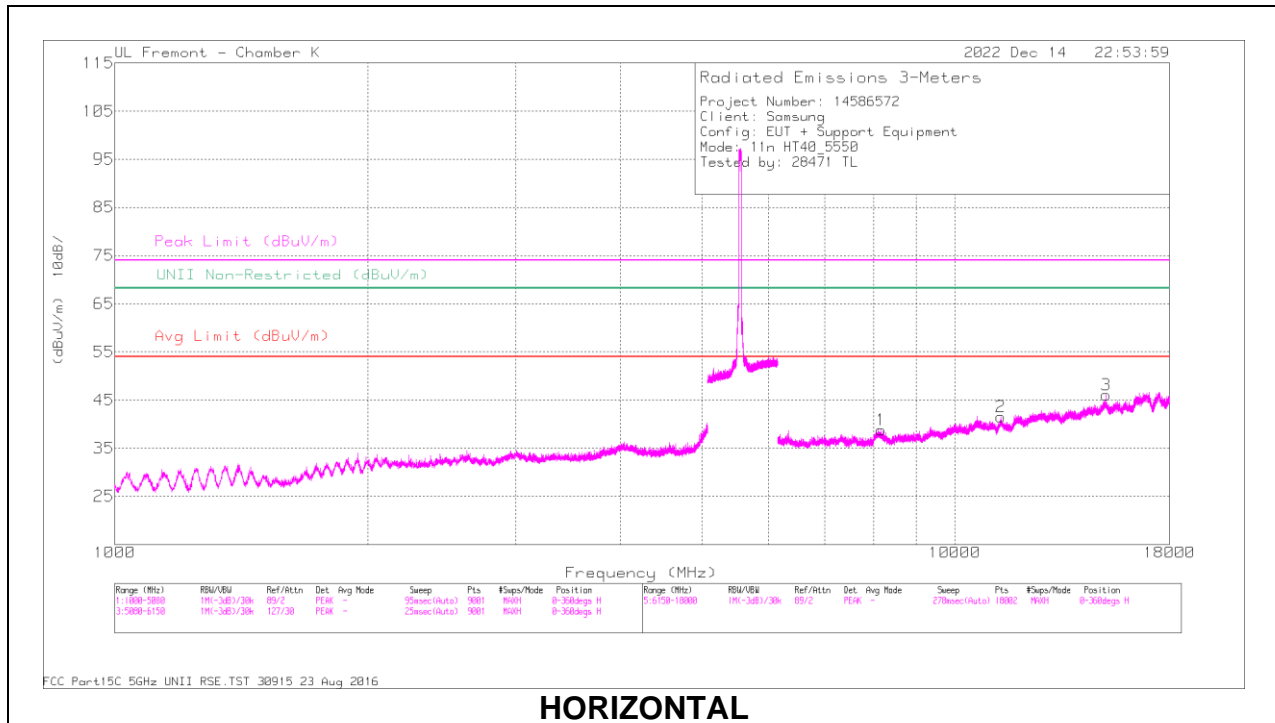
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7365.988	48.68	PK-U	35.7	-37.3	0	47.08	-	-	74	-26.92	-	-	51	338	H
	* 7352.236	37.35	ADR	35.7	-37.1	.69	36.64	54	-17.36	-	-	-	-	51	338	H
2	* 11003.336	48.19	PK-U	38	-36.5	0	49.69	-	-	74	-24.31	-	-	246	384	H
	* 11020.335	37.29	ADR	38	-36.6	.69	39.38	54	-14.62	-	-	-	-	246	384	H
3	16530.14	46.76	PK-U	41.1	-33.1	0	54.76	-	-	-	-	68.2	-13.44	135	102	H
4	* 8082.615	51.02	PK-U	35.9	-37.5	0	49.42	-	-	74	-24.58	-	-	113	290	V
	* 8117.071	38.19	ADR	35.9	-37.4	.69	37.38	54	-16.62	-	-	-	-	113	290	V
5	* 11031.335	48.04	PK-U	38	-36.6	0	49.44	-	-	74	-24.56	-	-	46	334	V
	* 11070.897	36.73	ADR	38	-36.5	.69	38.92	54	-15.08	-	-	-	-	46	334	V
6	16658	46.54	PK-U	41.5	-32.5	0	55.54	-	-	-	-	68.2	-12.66	66	203	V

\* - indicates frequency in CFR47 Pt 15

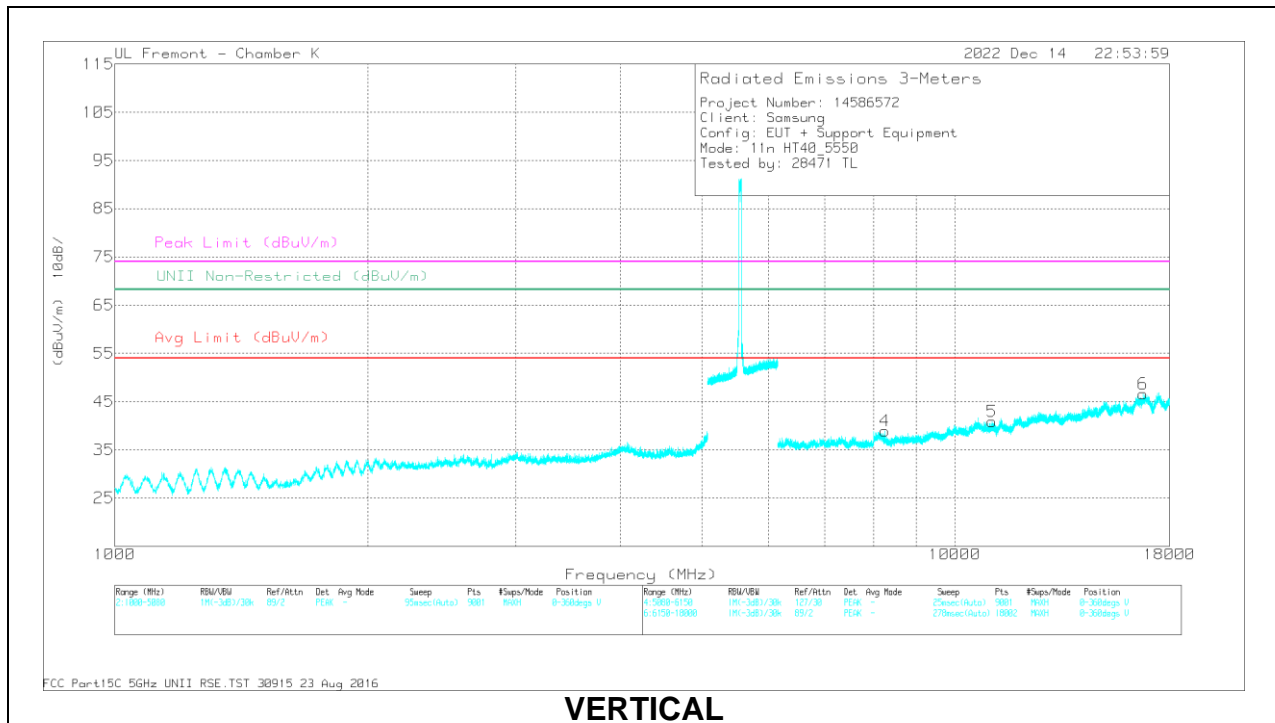
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

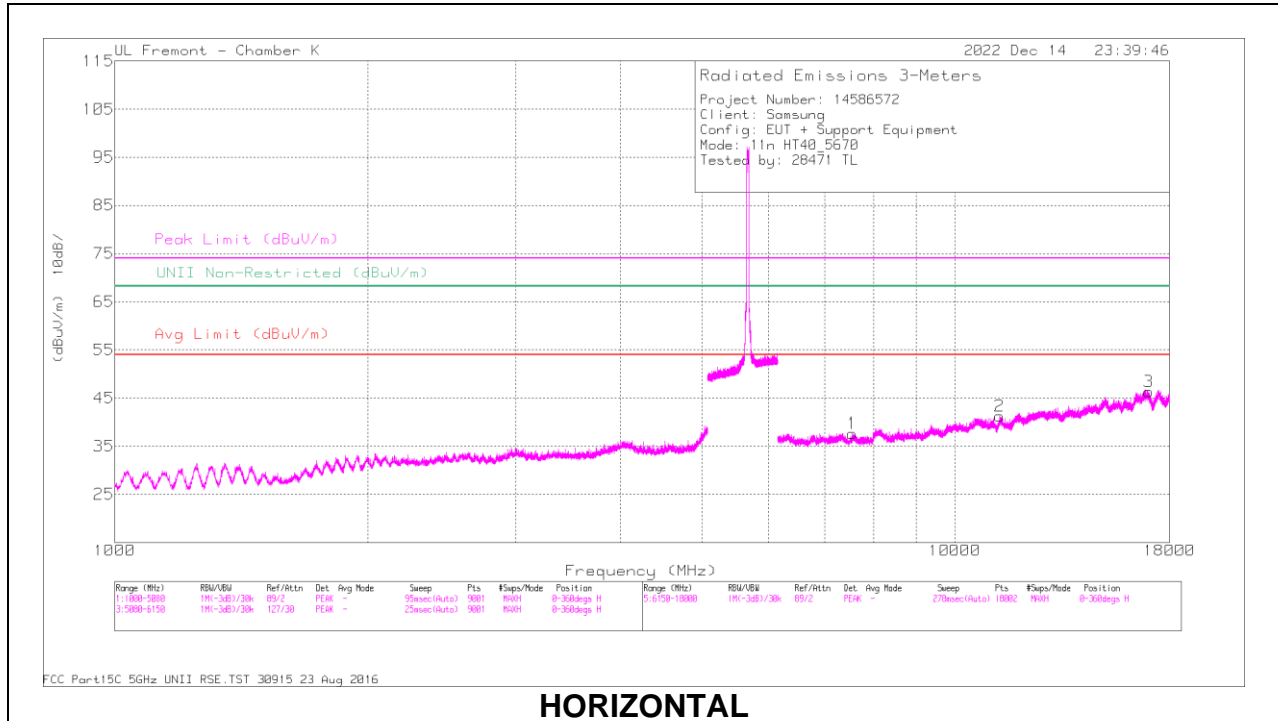
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8193.396	49.96	PK-U	35.9	-37.6	0	48.26	-	-	74	-25.74	-	-	155	311	H
	* 8161.953	38.38	ADR	35.9	-37.8	.69	37.17	54	-16.83	-	-	-	-	155	311	H
2	* 11360.551	49.01	PK-U	37.8	-35.7	0	51.11	-	-	74	-22.89	-	-	299	191	H
	* 11312.343	36.81	ADR	37.8	-36.1	.69	39.2	54	-14.8	-	-	-	-	299	191	H
3	15113.724	46.93	PK-U	40.1	-33.8	0	53.23	-	-	-	-	68.2	-14.97	73	206	H
4	* 8273.062	49.36	PK-U	35.9	-37.3	0	47.96	-	-	74	-26.04	-	-	351	248	V
	* 8232.573	37.46	ADR	35.9	-37.7	.69	36.35	54	-17.65	-	-	-	-	351	248	V
5	* 11100.437	49.12	PK-U	38	-36.4	0	50.72	-	-	74	-23.28	-	-	232	241	V
	* 11099.99	38.06	ADR	38	-36.4	.69	40.35	54	-13.65	-	-	-	-	232	241	V
6	16746.47	47.58	PK-U	41.6	-32.9	0	56.28	-	-	-	-	68.2	-11.92	73	276	V

\* - indicates frequency in CFR47 Pt 15

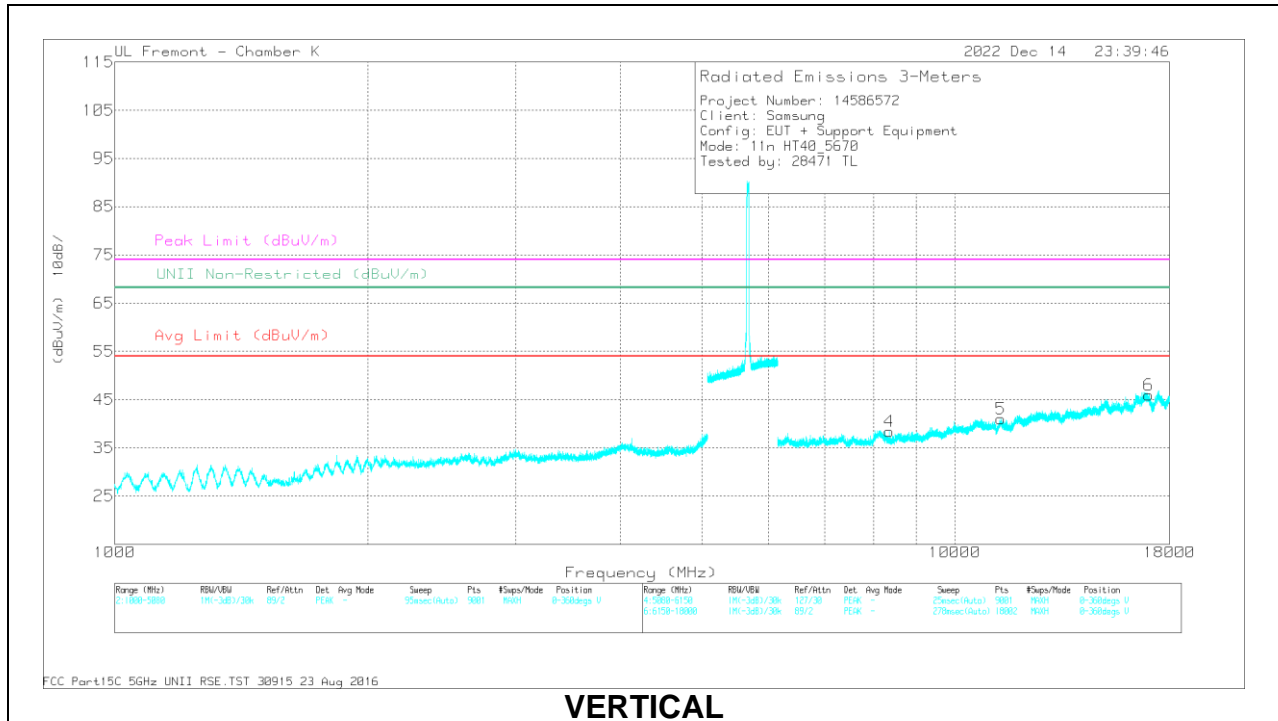
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

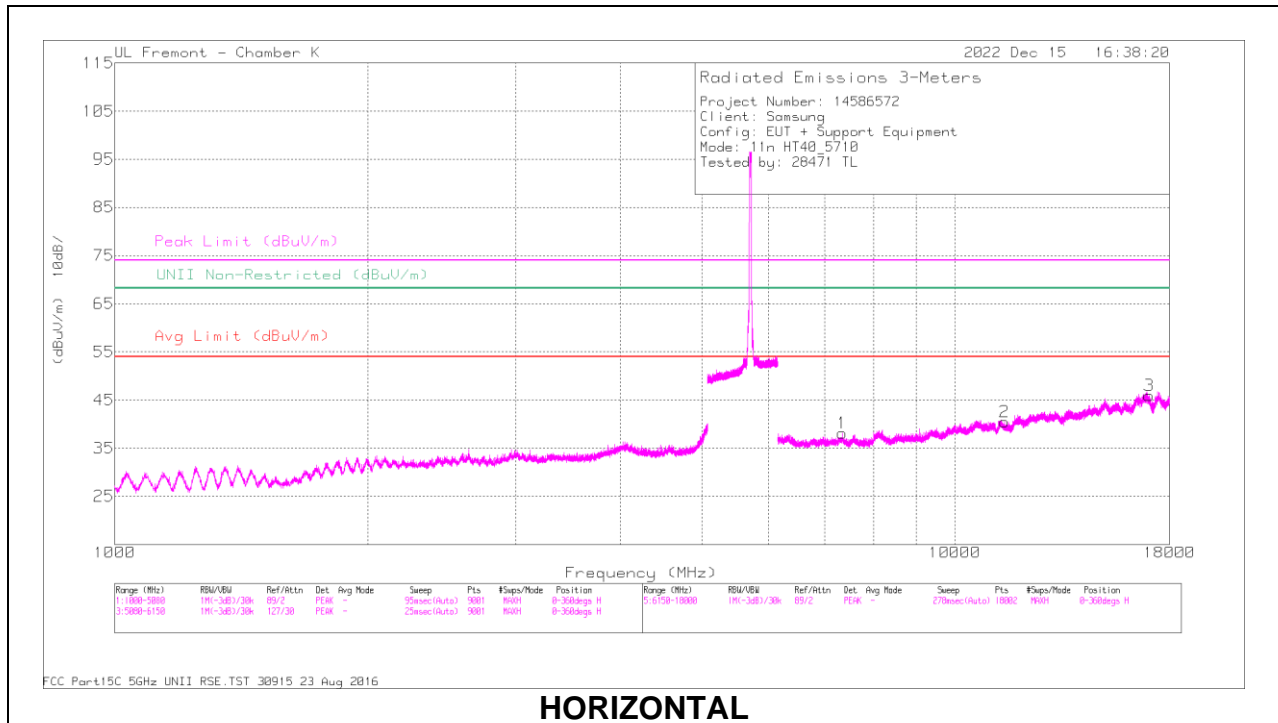
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7570.391	49.18	PK-U	35.7	-37.3	0	47.58	-	-	74	-26.42	-	-	114	349	H
	* 7560.185	37.27	ADR	35.7	-37.3	.69	36.36	54	-17.64	-	-	-	-	114	349	H
2	* 11296.588	48.55	PK-U	37.8	-36.1	0	50.25	-	-	74	-23.75	-	-	341	190	H
	* 11304.374	37.01	ADR	37.8	-36.1	.69	39.4	54	-14.6	-	-	-	-	341	190	H
3	17038.799	45.92	PK-U	41.6	-32.3	0	55.22	-	-	-	-	68.2	-12.98	228	171	H
4	* 8330.396	48.49	PK-U	35.9	-37.6	0	46.79	-	-	74	-27.21	-	-	198	240	V
	* 8340.808	37.16	ADR	35.9	-37.5	.69	36.25	54	-17.75	-	-	-	-	198	240	V
5	* 11330.521	48.41	PK-U	37.8	-35.7	0	50.51	-	-	74	-23.49	-	-	179	156	V
	* 11308.857	36.79	ADR	37.8	-36.1	.69	39.18	54	-14.82	-	-	-	-	179	156	V
6	17022.39	46.59	PK-U	41.6	-32.4	0	55.79	-	-	-	-	68.2	-12.41	149	347	V

\* - indicates frequency in CFR47 Pt 15

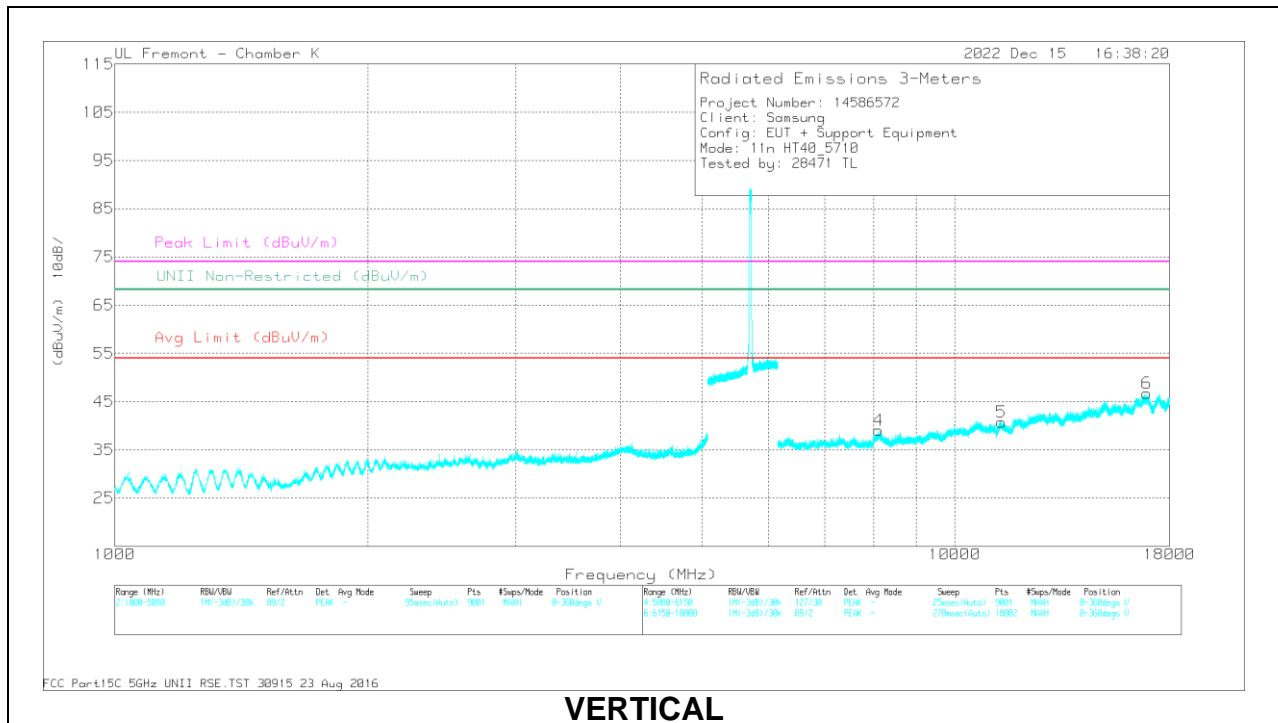
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### CHANNEL 142 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 7321.407	48.73	PK-U	35.7	-37	0	47.43	-	-	74	-26.57	-	-	343	310	H
	* 7367.008	36.98	ADR	35.7	-37.3	.69	36.07	54	-17.93	-	-	-	-	343	310	H
2	* 11435.331	47.86	PK-U	37.8	-35.7	0	49.96	-	-	74	-24.04	-	-	16	130	H
	* 11435.831	36.23	ADR	37.8	-35.8	.69	38.92	54	-15.08	-	-	-	-	16	130	H
3	17020.702	45.63	PK-U	41.6	-32.4	0	54.83	-	-	-	-	68.2	-13.37	71	252	H
4	* 8112.257	50.68	PK-U	35.9	-37.3	0	49.28	-	-	74	-24.72	-	-	89	379	V
	* 8133.001	38.15	ADR	35.9	-37.6	.69	37.14	54	-16.86	-	-	-	-	89	379	V
5	* 11344.349	48.16	PK-U	37.8	-35.6	0	50.36	-	-	74	-23.64	-	-	114	213	V
	* 11341.223	36.56	ADR	37.8	-35.4	.69	39.65	54	-14.35	-	-	-	-	114	213	V
6	16947.794	45.74	PK-U	41.7	-32.9	0	54.54	-	-	-	-	68.2	-13.66	112	336	V

\* - indicates frequency in CFR47 Pt 15

PK-U - U-NII: Maximum Peak

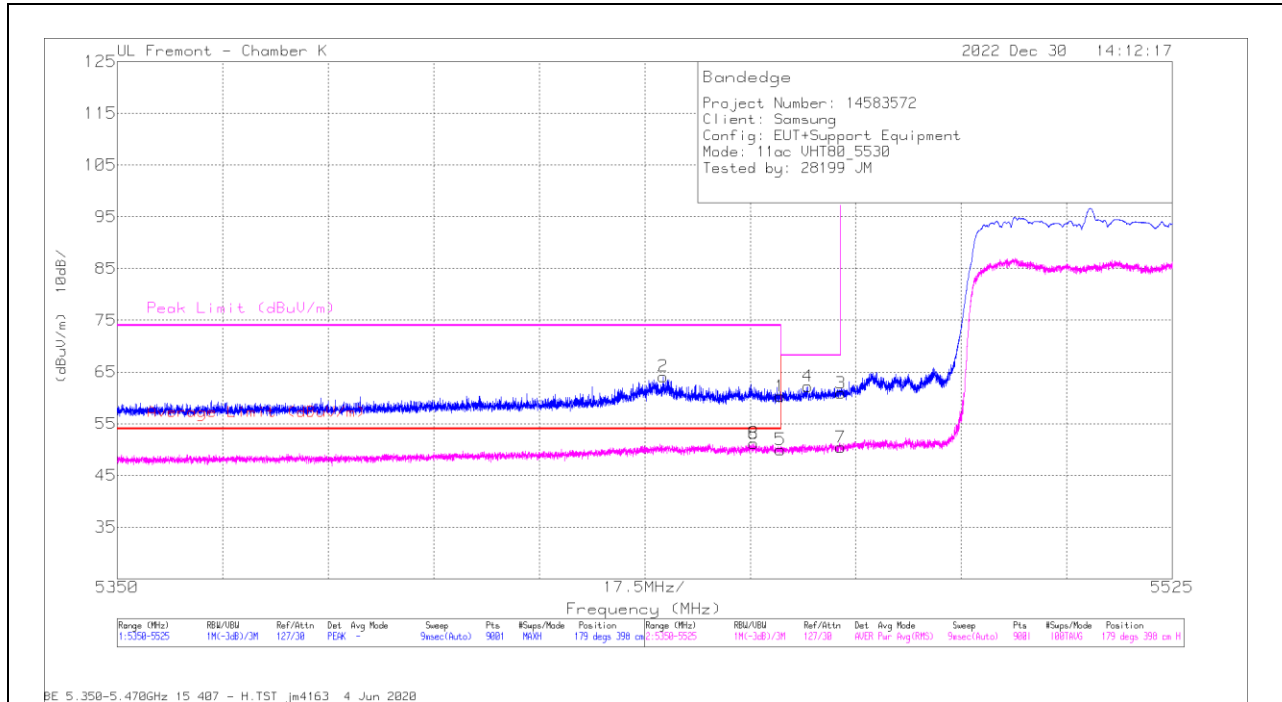
ADR - U-NII AD primary method, RMS average

### 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



#### Trace Markers

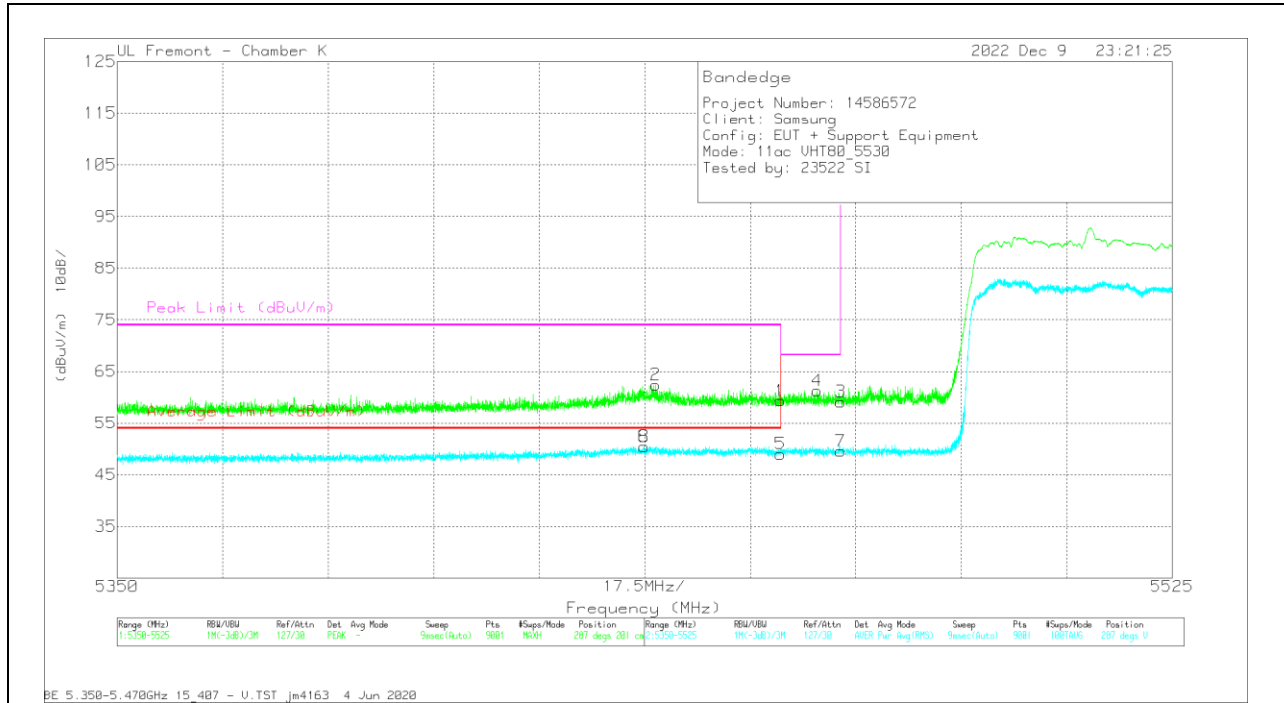
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	56.28	Pk	34.6	-30.6	0	60.28	-	-	68.2	-7.92	179	398	H
2	* 5440.531	60.14	Pk	34.6	-30.6	0	64.14	-	-	74	-9.86	179	398	H
3	5470	56.91	Pk	34.6	-30.6	0	60.91	-	-	68.2	-7.29	179	398	H
4	5464.506	58.1	Pk	34.6	-30.5	0	62.2	-	-	68.2	-6	179	398	H
5	* 5460	44.7	RMS	34.6	-30.6	1.21	49.91	54	-4.09	-	-	179	398	H
6	* 5455.542	45.8	RMS	34.6	-30.5	1.21	51.11	54	-2.89	-	-	179	398	H
7	5470	45.12	RMS	34.6	-30.6	1.21	50.33	-	-	-	-	179	398	H
8	* 5455.542	45.8	RMS	34.6	-30.5	1.21	51.11	54	-2.89	-	-	179	398	H

\* - indicates frequency in CFR47 Pt 15

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



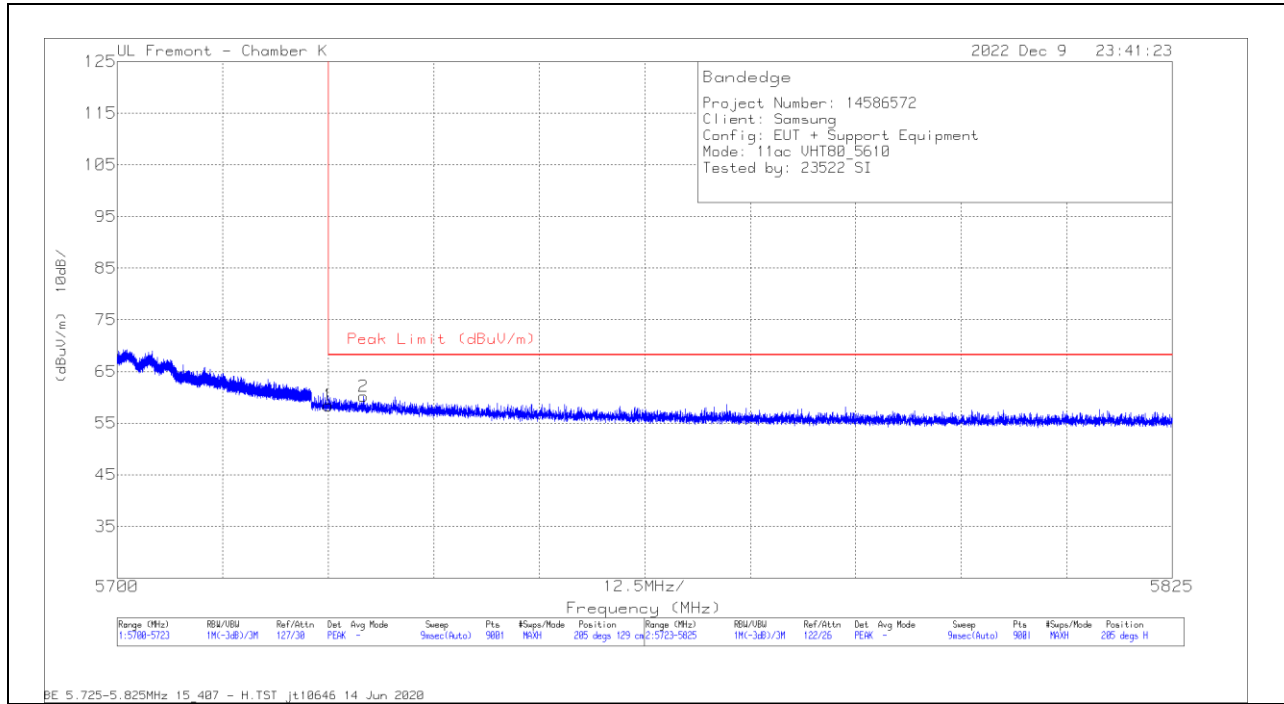
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.31	Pk	34.6	-30.6	0	59.31	-	-	68.2	-8.89	287	201	V
2	* 5439.345	58.42	Pk	34.6	-30.6	0	62.42	-	-	74	-11.58	287	201	V
3	5470	55.13	Pk	34.6	-30.6	0	59.13	-	-	68.2	-9.07	287	201	V
4	5466.081	57.26	Pk	34.6	-30.6	0	61.26	-	-	68.2	-6.94	287	201	V
5	* 5460	43.82	RMS	34.6	-30.6	1.21	49.03	54	-4.97	-	-	287	201	V
6	* 5437.381	45.25	RMS	34.6	-30.6	1.21	50.46	54	-3.54	-	-	287	201	V
7	5470	44.37	RMS	34.6	-30.6	1.21	49.58	-	-	-	-	287	201	V
8	* 5437.381	45.25	RMS	34.6	-30.6	1.21	50.46	54	-3.54	-	-	287	201	V

\* - indicates frequency in CFR47 Pt 15  
 Pk - Peak detector  
 RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

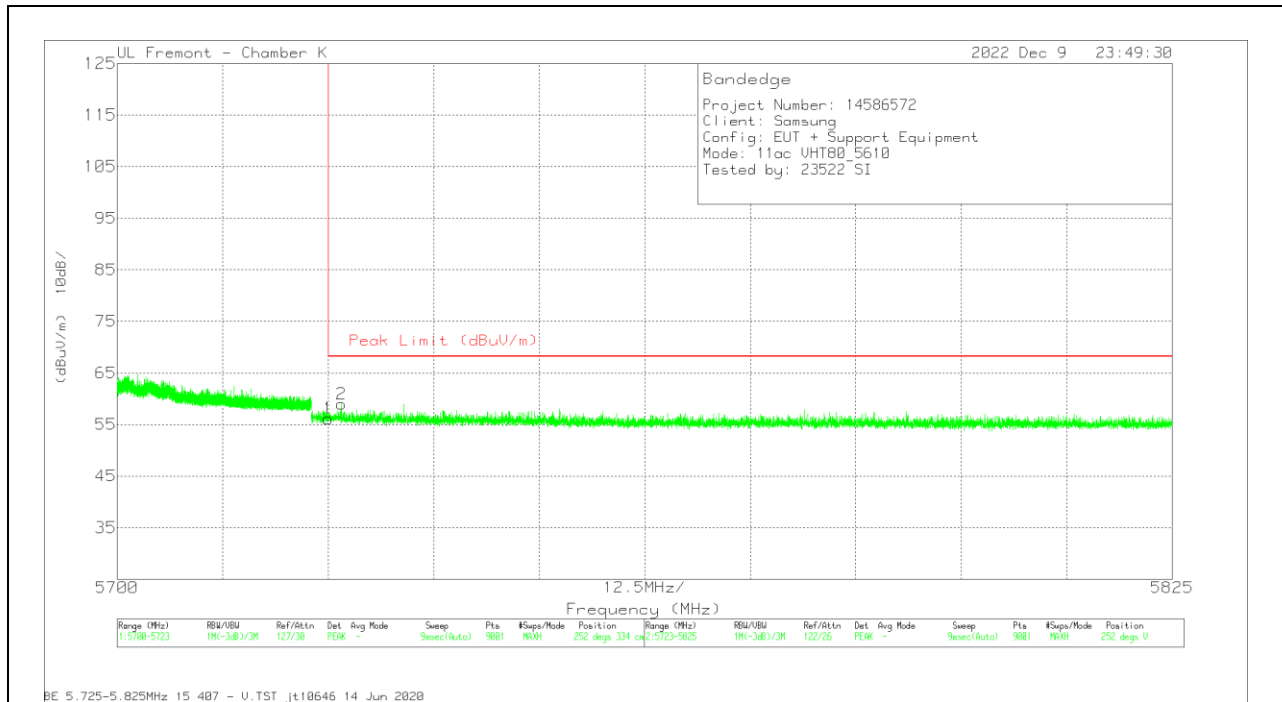


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	53.83	PK	34.7	-30.1	58.43	68.2	-9.77	205	129	H
2	5729.199	55.57	PK	34.7	-30.1	60.17	68.2	-8.03	205	129	H

Pk - Peak detector

### VERTICAL RESULT



### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	51.51	PK	34.7	-30.1	56.11	68.2	-12.09	252	334	V
2	5726.547	54.35	PK	34.7	-30.1	58.95	68.2	-9.25	252	334	V

Pk - Peak detector