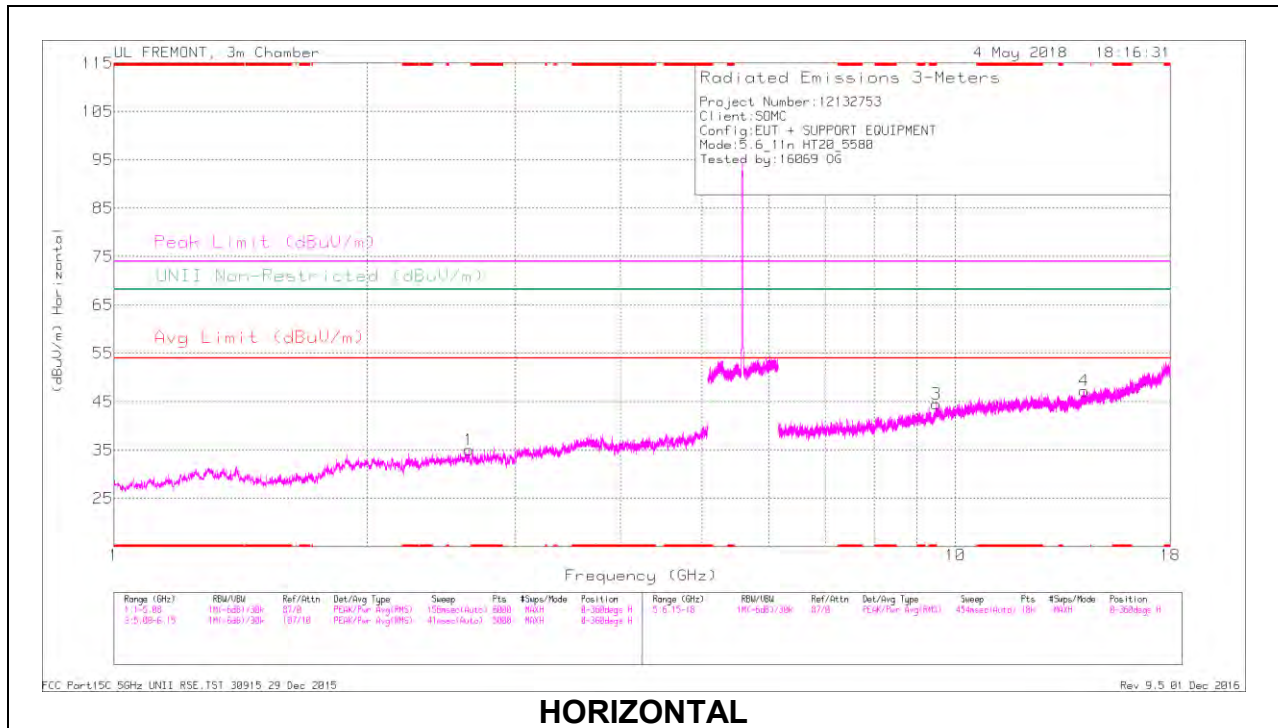


**RADIATED EMISSIONS**

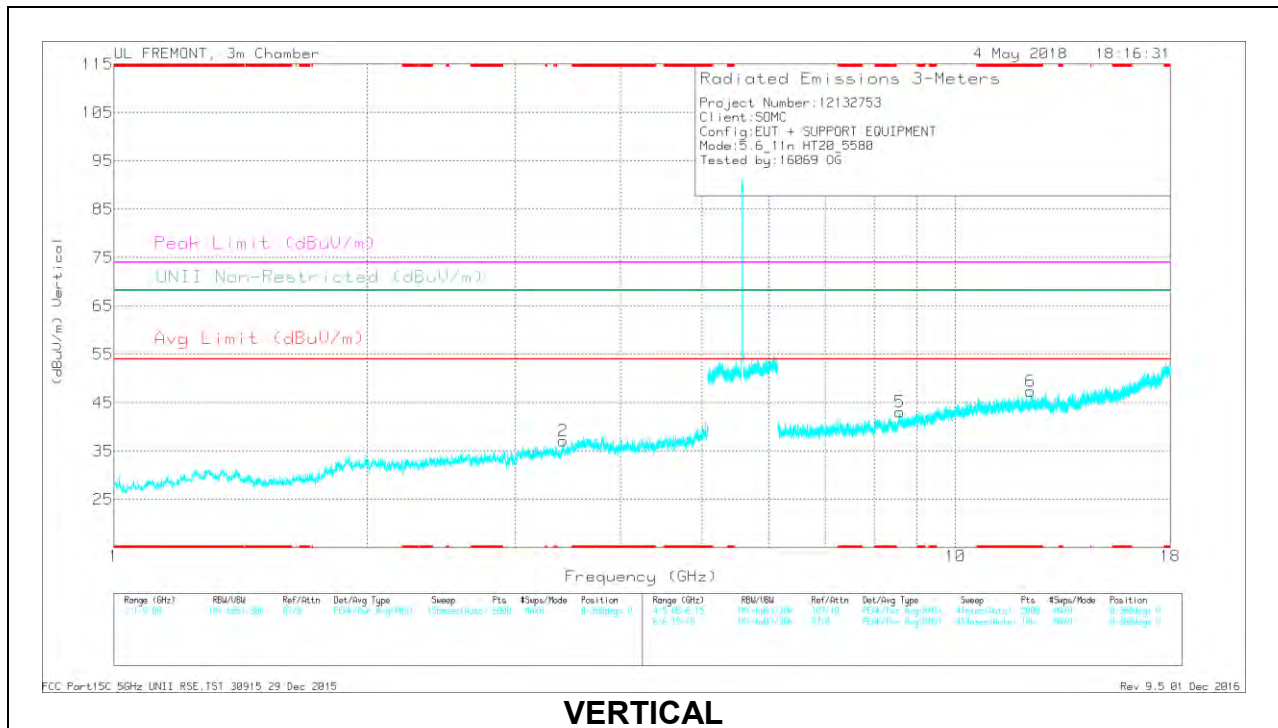
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.403	34.01	PK-U	35.7	-22	0	47.71	-	-	74	-26.29	-	-	328	396	H
	* 8.403	22.52	ADR	35.7	-22	.1	36.32	54	-17.68	-	-	-	-	328	396	H
5	* 7.331	36.01	PK-U	35.7	-24.8	0	46.91	-	-	74	-27.09	-	-	264	101	V
	* 7.331	24.24	ADR	35.7	-24.7	.1	35.34	54	-18.66	-	-	-	-	264	101	V
2	2.172	38.31	PK-U	31.5	-30.3	0	39.51	-	-	-	-	68.2	-28.69	54	194	V
1	3.204	38.61	PK-U	33.3	-29.2	0	42.71	-	-	-	-	68.2	-25.49	157	264	H
4	10.138	33.93	PK-U	37.4	-21.6	0	49.73	-	-	-	-	68.2	-18.47	66	311	H
6	15.126	35.51	PK-U	40.1	-21.5	0	54.11	-	-	-	-	68.2	-14.09	274	294	V

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

### MID CHANNEL RESULTS



**HORIZONTAL**



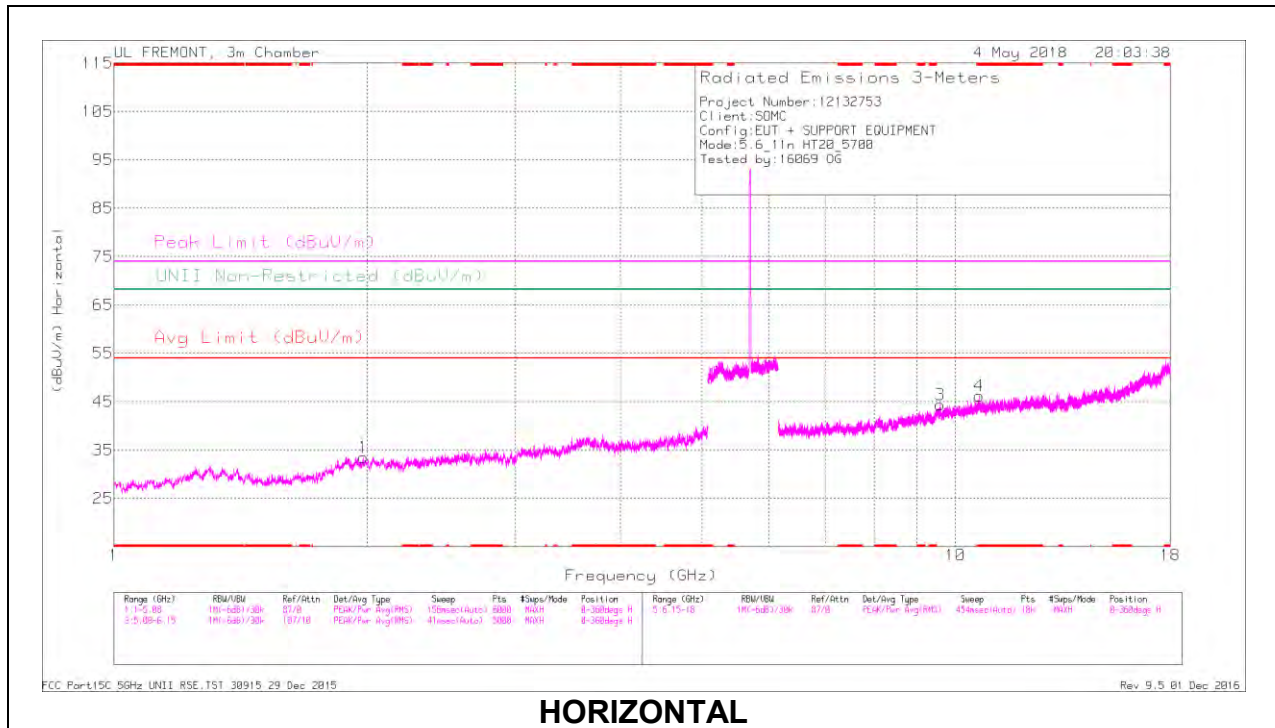
**VERTICAL**

**RADIATED EMISSIONS**

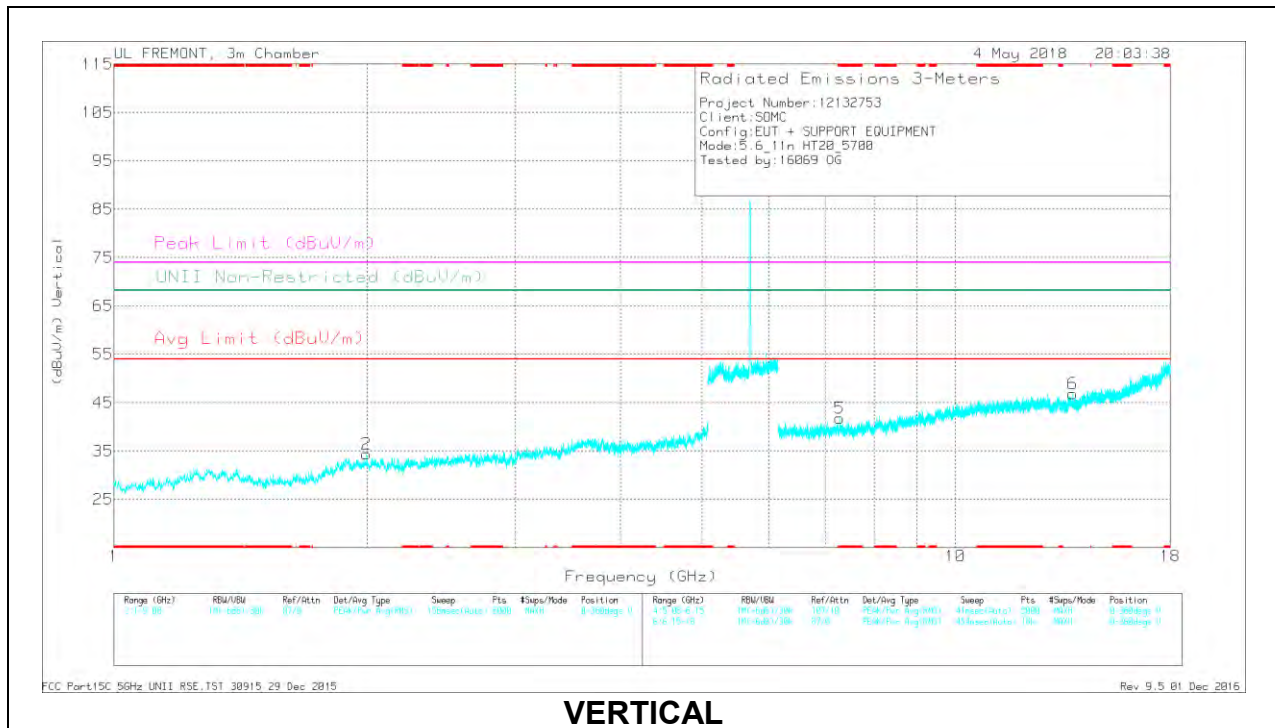
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 9.499	34.69	PK-U	36.7	-20.7	0	50.69	-	-	74	-23.31	-	-	215	399	H
	* 9.497	22.7	ADR	36.7	-20.7	.1	38.8	54	-15.2	-	-	-	-	215	399	H
6	* 12.284	33.96	PK-U	39.1	-21.3	0	51.76	-	-	74	-22.24	-	-	354	100	V
	* 12.281	22.48	ADR	39.1	-21.4	.1	40.28	54	-13.72	-	-	-	-	354	100	V
1	2.642	37.95	PK-U	32.6	-29.1	0	41.45	-	-	-	-	68.2	-26.75	253	158	H
2	3.419	37.53	PK-U	33.8	-28.3	0	43.03	-	-	-	-	68.2	-25.17	42	137	V
5	8.587	35.08	PK-U	35.8	-21.6	0	49.28	-	-	-	-	68.2	-18.92	236	227	V
4	14.208	35.5	PK-U	39.4	-21.5	0	53.4	-	-	-	-	68.2	-14.8	280	101	H

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



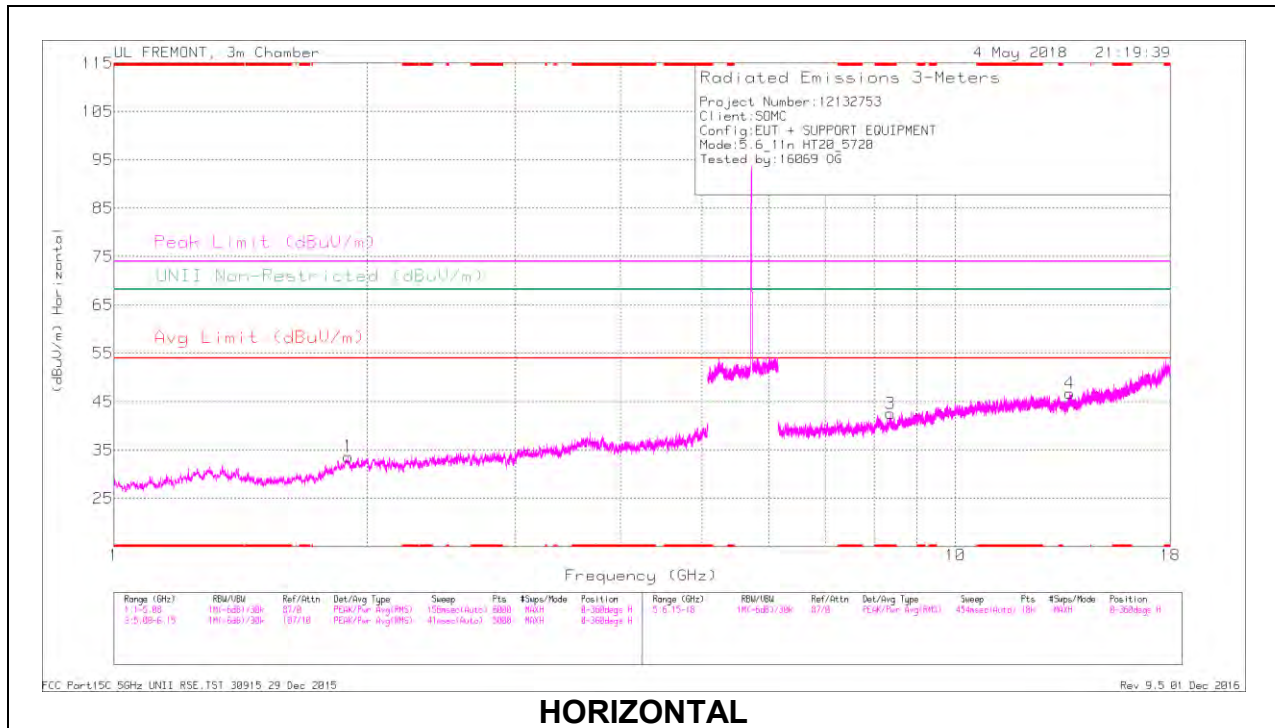
**VERTICAL**

**RADIATED EMISSIONS**

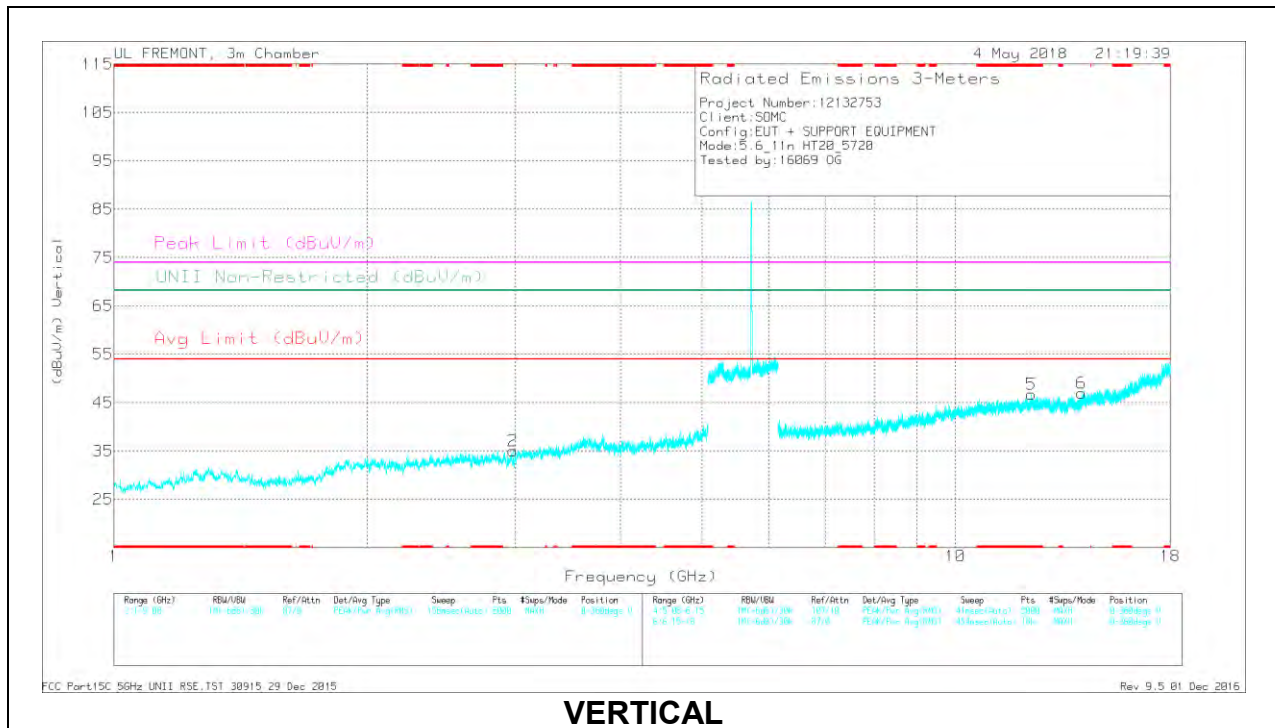
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 10.661	36.35	PK-U	37.8	-20.4	0	53.75	-	-	74	-20.25	-	-	272	249	H
	* 10.662	23.23	ADR	37.8	-20.4	.1	40.73	54	-13.27	-	-	-	-	272	249	H
5	* 7.29	36.24	PK-U	35.7	-24.1	0	47.84	-	-	74	-26.16	-	-	256	340	V
	* 7.29	24.22	ADR	35.7	-24.1	.1	35.92	54	-18.08	-	-	-	-	256	340	V
1	1.978	39.12	PK-U	31.7	-31.1	0	39.72	-	-	-	-	68.2	-28.48	162	119	H
2	1.996	39.23	PK-U	31.8	-31	0	40.03	-	-	-	-	68.2	-28.17	94	184	V
3	9.592	34.23	PK-U	36.9	-20.9	0	50.23	-	-	-	-	68.2	-17.97	270	188	H
6	13.783	35.54	PK-U	38.9	-22.4	0	52.04	-	-	-	-	68.2	-16.16	235	104	V

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

### CHANNEL 144 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

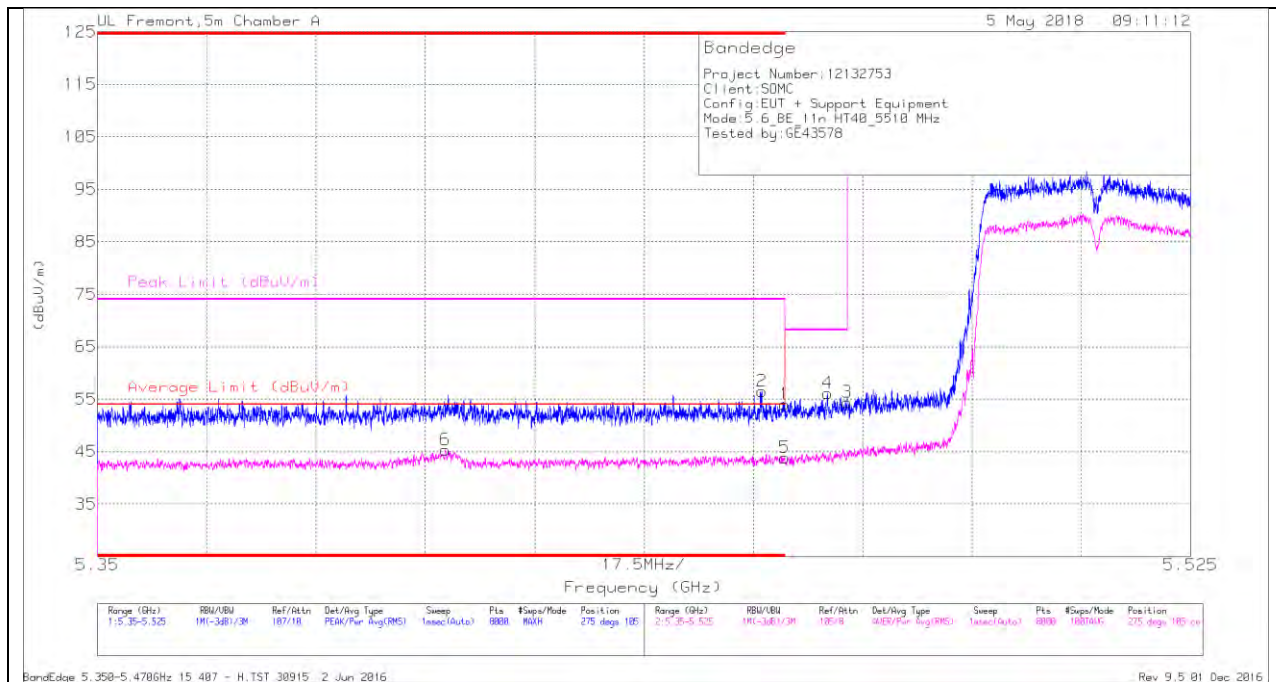
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.367	35.04	PK-U	35.8	-22.4	0	48.44	-	-	74	-25.56	-	-	287	118	H
	* 8.366	23.07	ADR	35.8	-22.5	.1	36.47	54	-17.53	-	-	-	-	287	118	H
5	* 12.299	33.66	PK-U	39.1	-20.1	0	52.66	-	-	74	-21.34	-	-	174	378	V
	* 12.301	22.35	ADR	39.1	-20.3	.1	41.25	54	-12.75	-	-	-	-	174	378	V
1	1.896	38.95	PK-U	31.4	-30.3	0	40.05	-	-	-	-	68.2	-28.15	32	190	H
2	2.982	37.41	PK-U	33.1	-29.6	0	40.91	-	-	-	-	68.2	-27.29	269	270	V
4	13.671	35.31	PK-U	38.7	-21.2	0	52.81	-	-	-	-	68.2	-15.39	134	224	H
6	14.117	35.96	PK-U	39.2	-22.7	0	52.46	-	-	-	-	68.2	-15.74	69	346	V

\* - indicates frequency in CFR47 Pt 15 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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



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
6	* 5.406	28.85	RMS	34.6	-18.4	.32	45.37	54	-8.63	-	-	275	105	H
2	* 5.456	40.29	Pk	34.7	-18.5	0	56.49	-	-	74	-17.51	275	105	H
1	* 5.46	37.87	Pk	34.7	-18.5	0	54.07	-	-	74	-19.93	275	105	H
5	* 5.46	27.28	RMS	34.7	-18.5	.32	43.8	54	-10.2	-	-	275	105	H
4	5.467	39.7	Pk	34.7	-18.3	0	56.1	-	-	68.2	-12.1	275	105	H
3	5.47	37.91	Pk	34.8	-18.3	0	54.41	-	-	68.2	-13.79	275	105	H

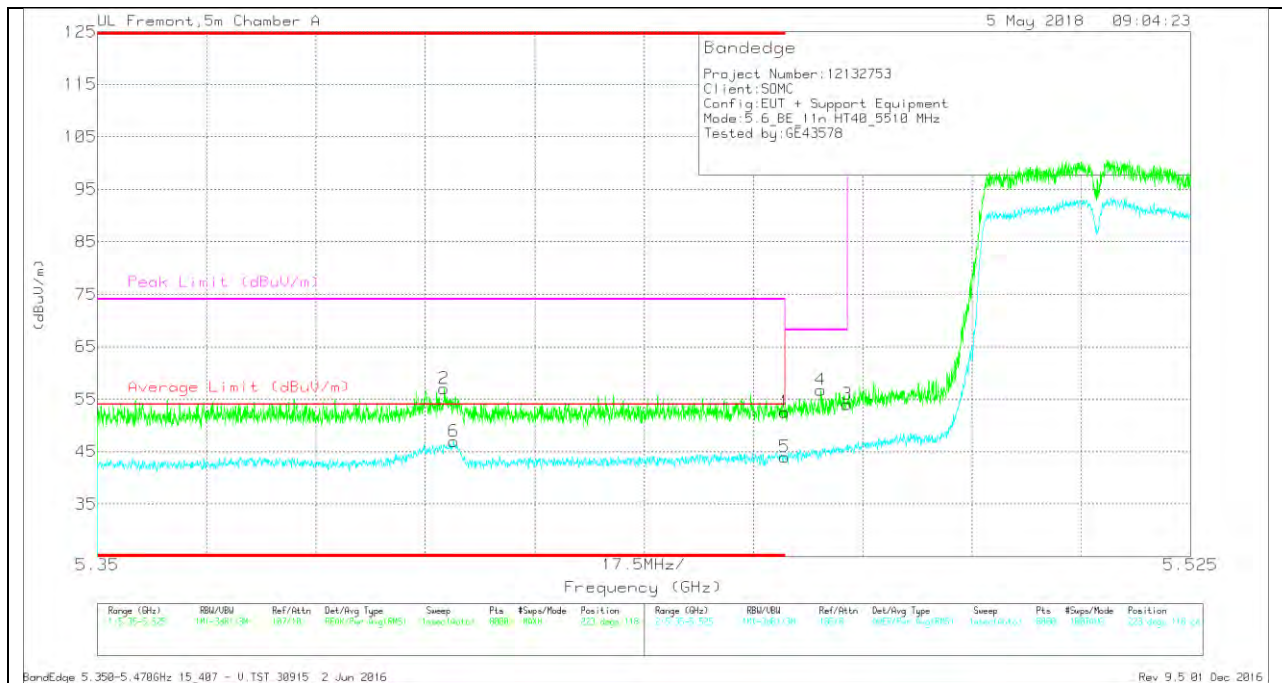
\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



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
2	* 5.406	40.67	Pk	34.6	-18.3	0	56.97	-	-	74	-17.03	223	118	V
6	* 5.407	30.35	RMS	34.7	-18.4	.32	46.97	54	-7.03	-	-	223	118	V
1	* 5.46	36.3	Pk	34.7	-18.5	0	52.5	-	-	74	-21.5	223	118	V
5	* 5.46	27.41	RMS	34.7	-18.5	.32	43.93	54	-10.07	-	-	223	118	V
4	5.466	40.46	Pk	34.7	-18.4	0	56.76	-	-	68.2	-11.44	223	118	V
3	5.47	37.48	Pk	34.8	-18.3	0	53.98	-	-	68.2	-14.22	223	118	V

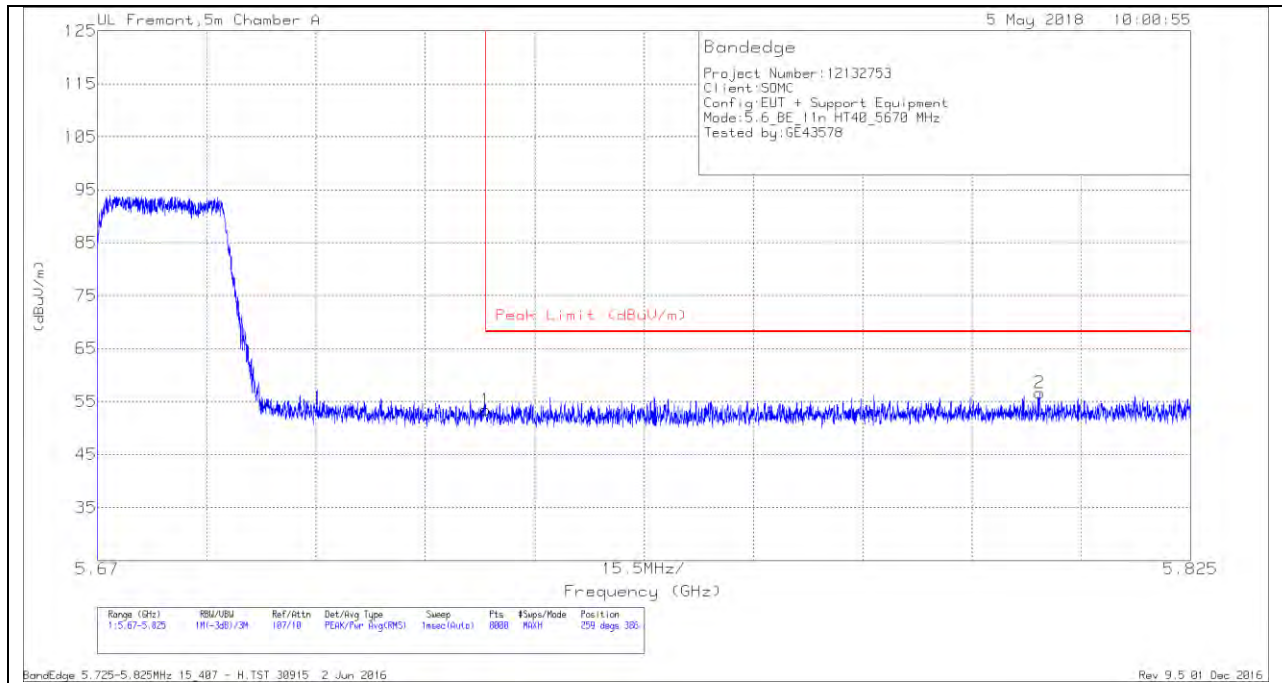
\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

### BANDEDGE (HIGH CHANNEL)

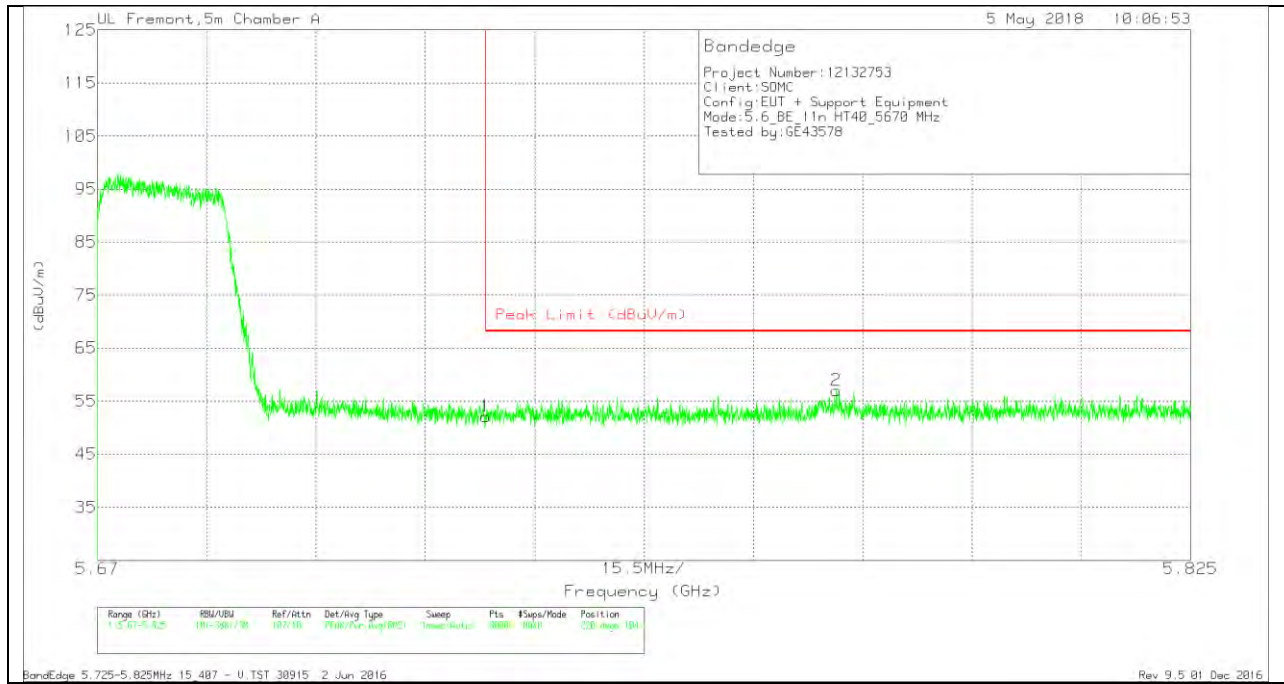
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.96	Pk	35	-18.5	53.46	68.2	-14.74	259	386	H
2	5.804	39.58	Pk	35.1	-18.1	56.58	68.2	-11.62	259	386	H

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

### VERTICAL RESULT

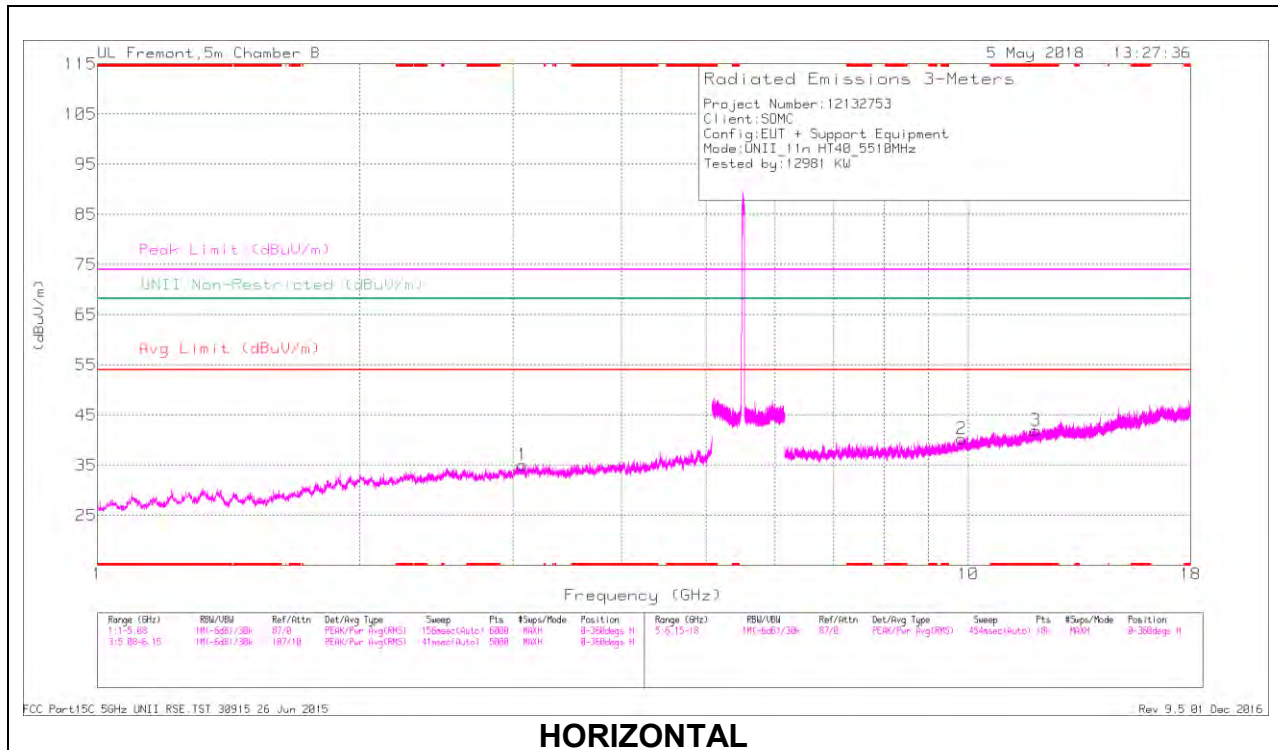


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.6	Pk	35	-18.5	52.1	68.2	-16.1	220	104	V
2	5.775	40.24	Pk	35	-18.2	57.04	68.2	-11.16	220	104	V

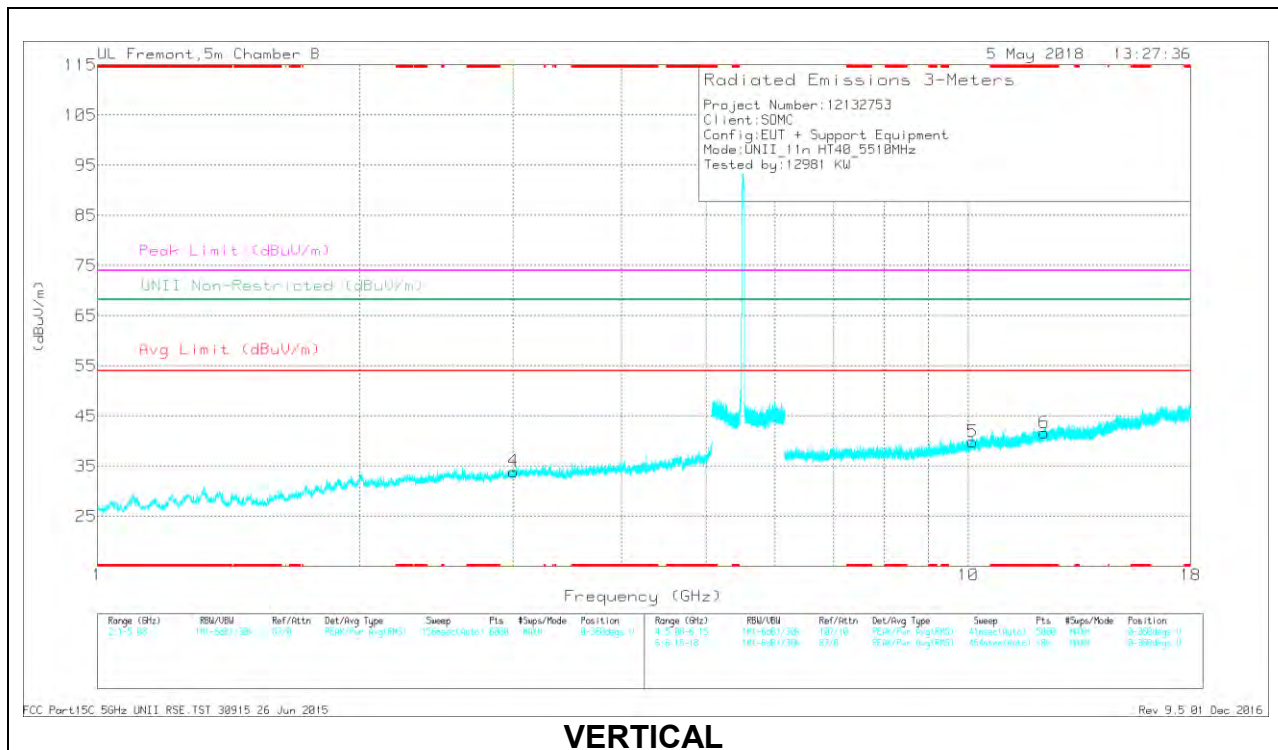
\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



**HORIZONTAL**



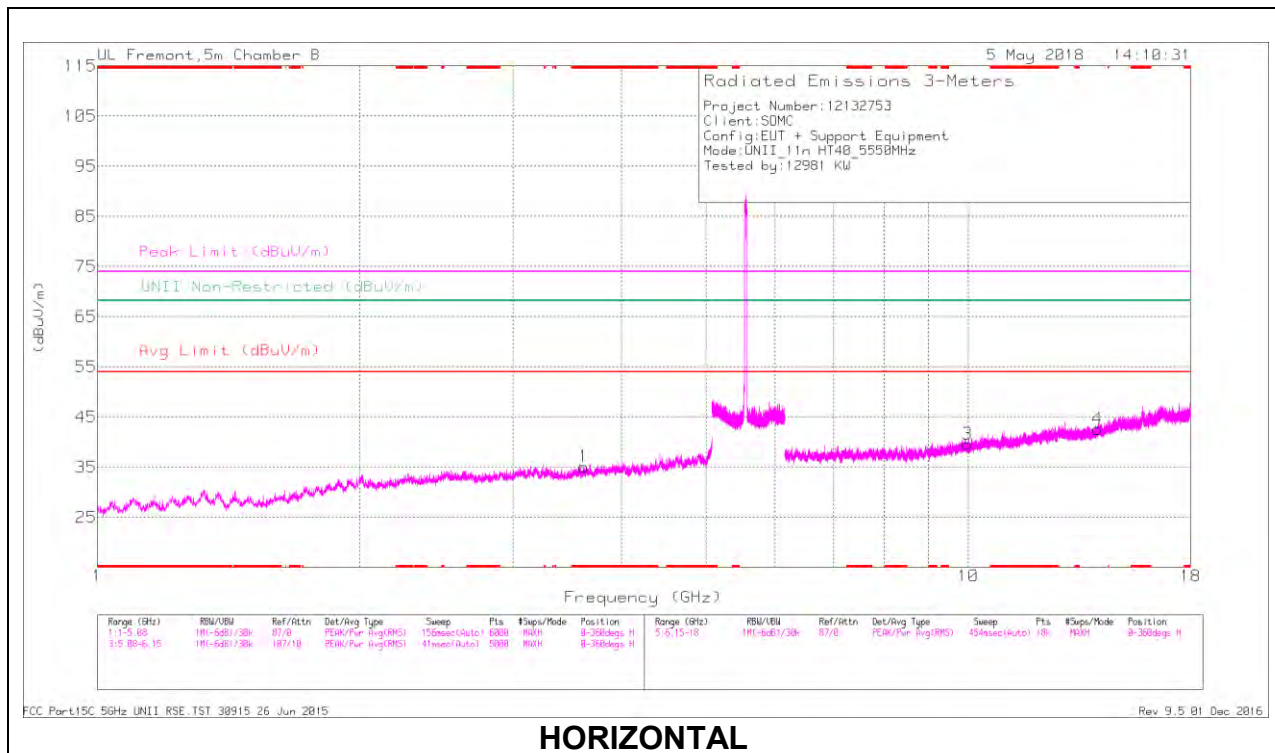
**VERTICAL**

**RADIATED EMISSIONS**

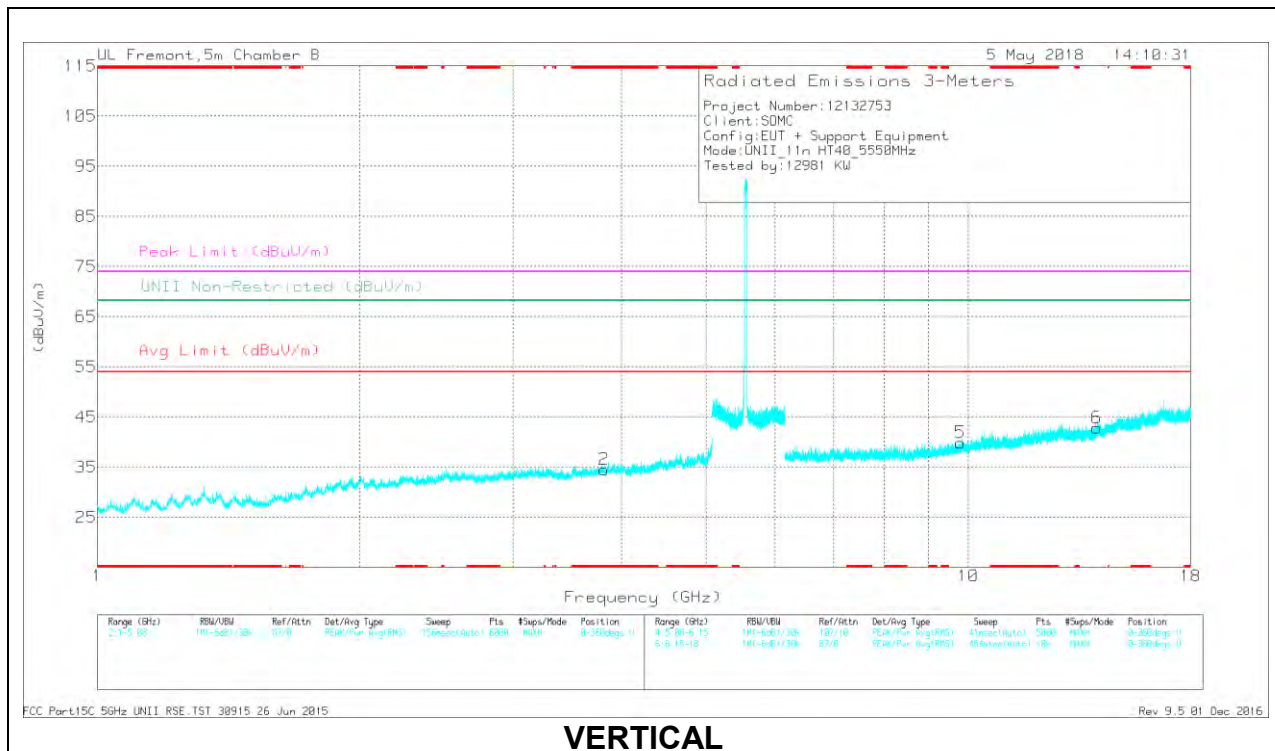
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.951	34.62	PK-U	38.7	-24.1	0	49.22	-	-	74	-24.78	-	-	92	157	H
	* 11.95	21.75	ADR	38.7	-24.1	.32	36.67	54	-17.33	-	-	-	-	92	157	H
6	* 12.22	33.89	PK-U	39.1	-23.7	0	49.29	-	-	74	-24.71	-	-	136	169	V
	* 12.219	21.75	ADR	39.1	-23.7	.32	37.47	54	-16.53	-	-	-	-	136	169	V
4	3.004	40.11	PK-U	32.8	-32.4	0	40.51	-	-	-	-	68.2	-27.69	70	146	V
1	3.079	40.21	PK-U	33.1	-32.3	0	41.01	-	-	-	-	68.2	-27.19	85	156	H
2	9.824	34.17	PK-U	36.9	-24.8	0	46.27	-	-	-	-	68.2	-21.93	16	128	H
5	10.114	34.54	PK-U	37.4	-25.1	0	46.84	-	-	-	-	68.2	-21.36	222	137	V

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

### MID CHANNEL RESULTS



**HORIZONTAL**



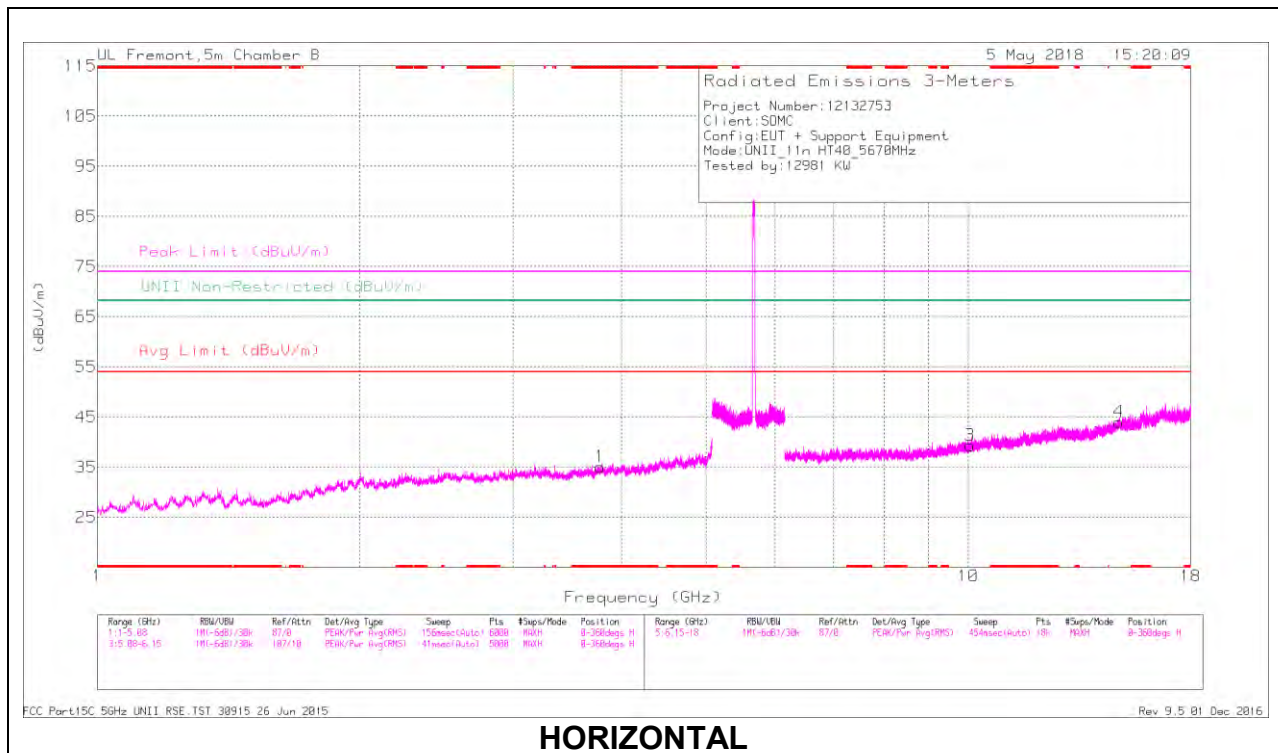
**VERTICAL**

**RADIATED EMISSIONS**

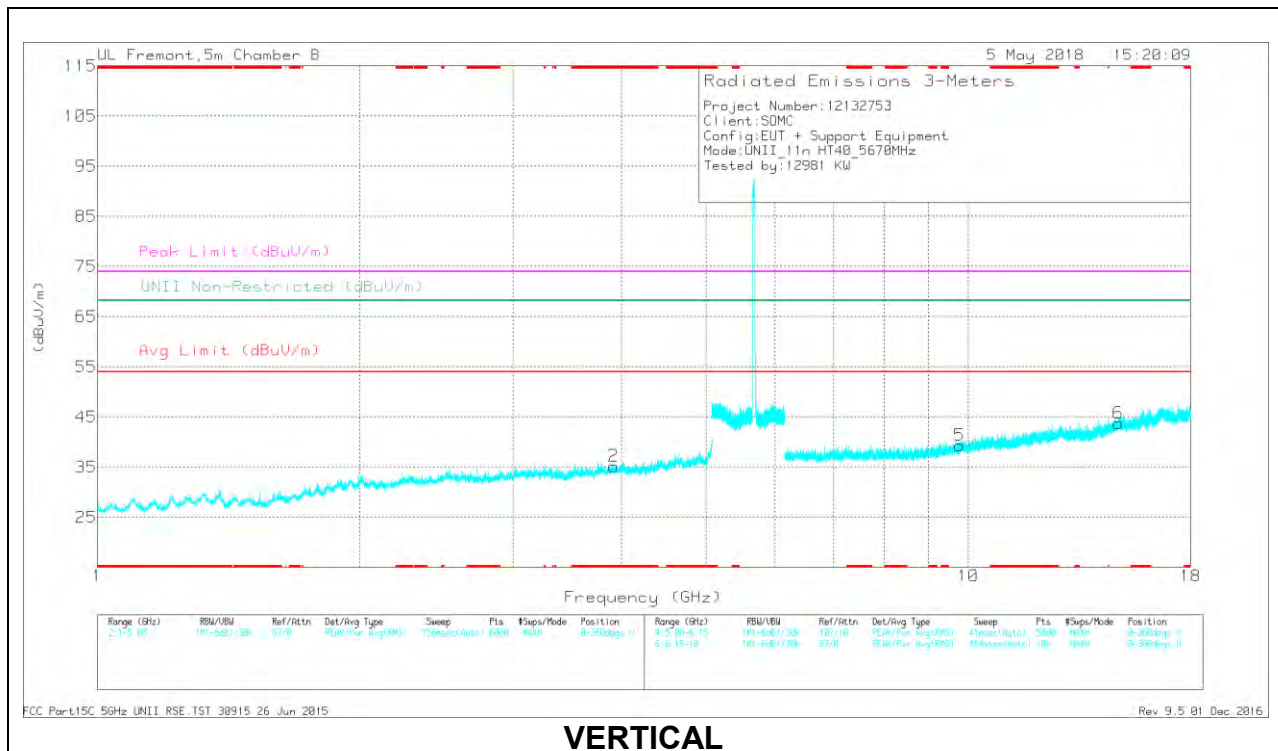
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.617	40.53	PK-U	33.2	-32.2	0	41.53	-	-	74	-32.47	-	-	99	158	H
	* 3.617	28.67	ADR	33.2	-32.2	.32	29.99	54	-24.01	-	-	-	-	99	158	H
2	* 3.812	41	PK-U	33.5	-31.9	0	42.6	-	-	74	-31.4	-	-	132	295	V
	* 3.815	28.55	ADR	33.5	-31.8	.32	30.57	54	-23.43	-	-	-	-	132	295	V
5	9.788	35.9	PK-U	36.9	-25.3	0	47.5	-	-	-	-	68.2	-20.7	7	178	V
3	9.978	34.66	PK-U	37.1	-25.7	0	46.06	-	-	-	-	68.2	-22.14	226	155	H
6	14.046	34.54	PK-U	39.2	-23.6	0	50.14	-	-	-	-	68.2	-18.06	132	104	V
4	14.073	34.07	PK-U	39.2	-23.8	0	49.47	-	-	-	-	68.2	-18.73	78	165	H

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

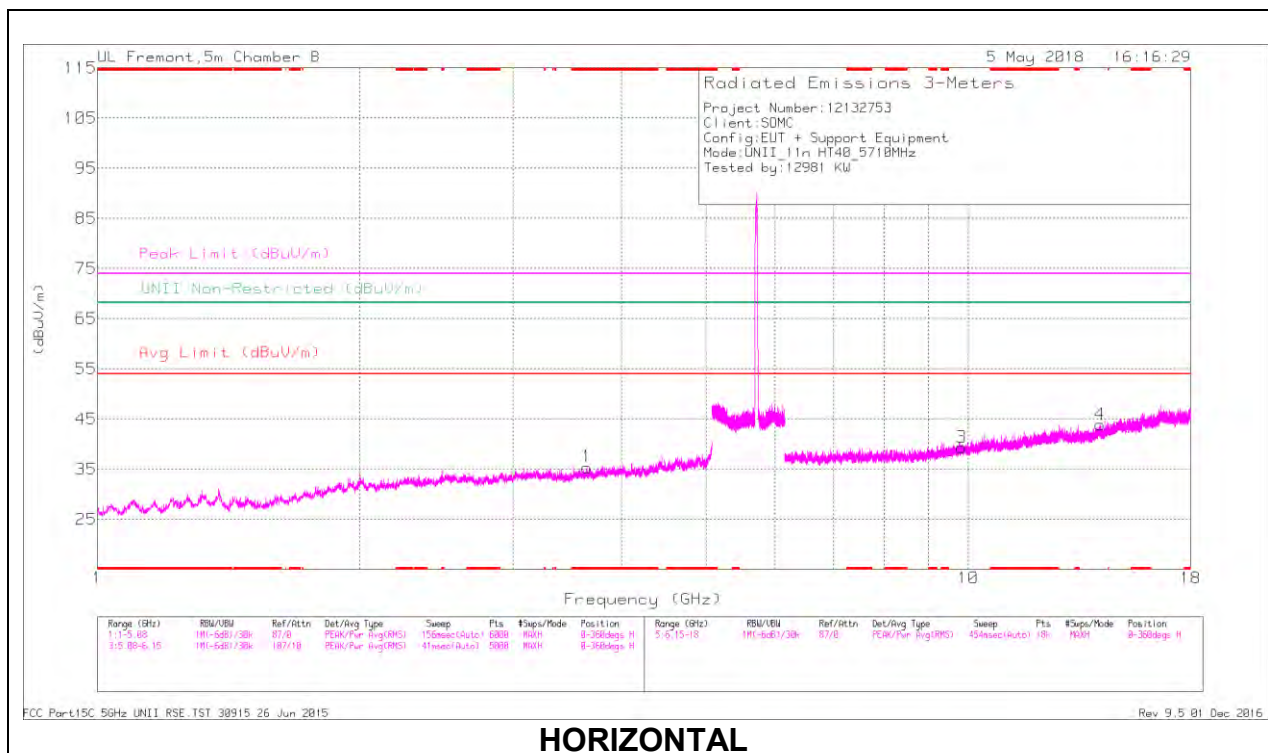


**RADIATED EMISSIONS**

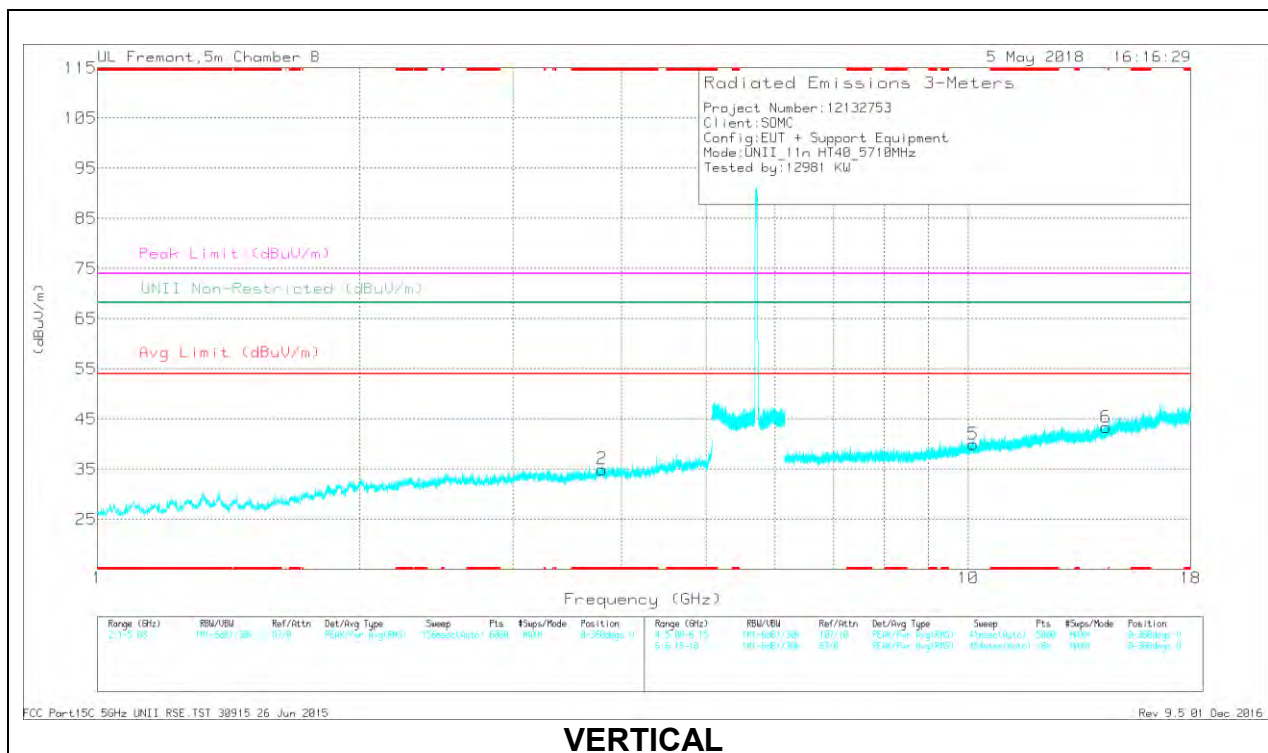
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.775	40.46	PK-U	33.5	-31.5	0	42.46	-	-	74	-31.54	-	-	88	189	H
	* 3.775	28.39	ADR	33.5	-31.5	.32	30.71	54	-23.29	-	-	-	-	88	189	H
2	* 3.915	40.03	PK-U	33.5	-31.2	0	42.33	-	-	74	-31.67	-	-	162	185	V
	* 3.915	28.47	ADR	33.5	-31.2	.32	31.09	54	-22.91	-	-	-	-	162	15	V
5	9.771	35.37	PK-U	36.9	-25.3	0	46.97	-	-	-	-	68.2	-21.23	178	208	V
3	10.05	34.45	PK-U	37.2	-25.5	0	46.15	-	-	-	-	68.2	-22.05	171	191	H
6	14.867	34.05	PK-U	40.6	-23.5	0	51.15	-	-	-	-	68.2	-17.05	65	270	V
4	14.894	33.26	PK-U	40.6	-23	0	50.86	-	-	-	-	68.2	-17.34	226	104	H

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

### CHANNEL 142 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

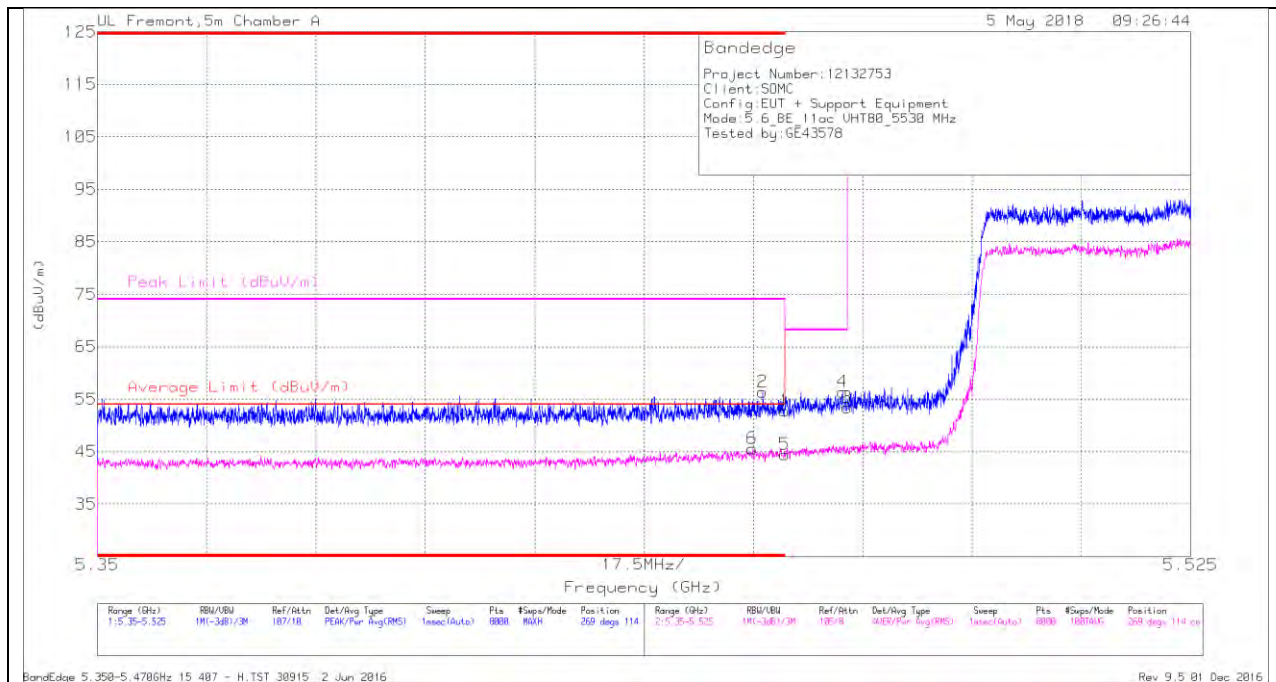
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.652	40.06	PK-U	33.2	-31.9	0	41.36	-	-	74	-32.64	-	-	36	196	H
	* 3.649	28.81	ADR	33.2	-31.9	.32	30.43	54	-23.57	-	-	-	-	36	196	H
2	* 3.792	40.05	PK-U	33.5	-31.6	0	41.95	-	-	74	-32.05	-	-	112	152	V
	* 3.794	28.89	ADR	33.5	-31.6	.32	31.11	54	-22.89	-	-	-	-	112	152	V
3	9.823	34.41	PK-U	36.9	-24.8	0	46.51	-	-	-	-	68.2	-21.69	265	133	H
5	10.133	34.5	PK-U	37.4	-25.1	0	46.8	-	-	-	-	68.2	-21.4	7	191	V
4	14.166	34.76	PK-U	39.3	-23.5	0	50.56	-	-	-	-	68.2	-17.64	188	159	H
6	14.392	33.27	PK-U	39.7	-23.3	0	49.67	-	-	-	-	68.2	-18.53	134	181	V

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

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



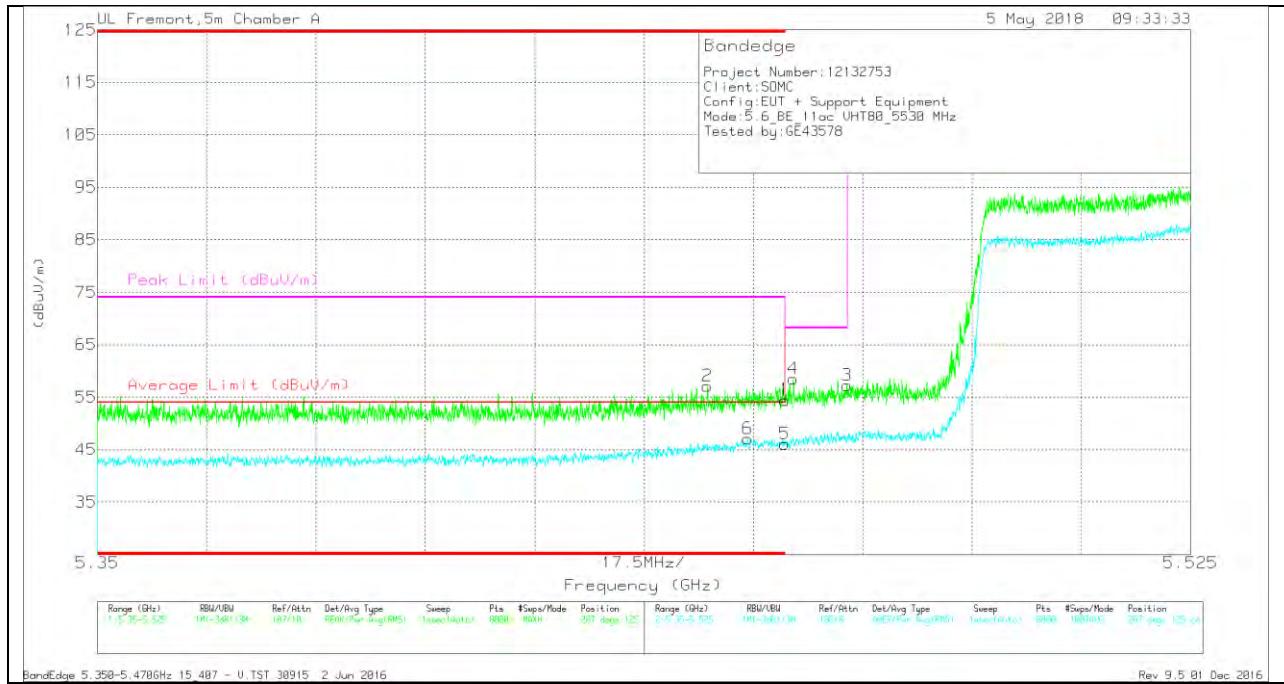
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.455	28.63	RMS	34.7	-18.4	.62	45.55	54	-8.45	-	-	269	114	H
2	* 5.456	40.15	Pk	34.7	-18.5	0	56.35	-	-	74	-17.65	269	114	H
1	* 5.46	36.52	Pk	34.7	-18.5	0	52.72	-	-	74	-21.28	269	114	H
5	* 5.46	27.69	RMS	34.7	-18.5	.62	44.51	54	-9.49	-	-	269	114	H
4	5.469	39.91	Pk	34.8	-18.3	0	56.41	-	-	68.2	-11.79	269	114	H
3	5.47	36.94	Pk	34.8	-18.3	0	53.44	-	-	68.2	-14.76	269	114	H

\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



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
2	* 5.448	40.83	Pk	34.7	-18.4	0	57.13	-	-	74	-16.87	207	125	V
6	* 5.454	30.1	RMS	34.7	-18.4	.62	47.02	54	-6.98	-	-	207	125	V
1	* 5.46	38.25	Pk	34.7	-18.5	0	54.45	-	-	74	-19.55	207	125	V
5	* 5.46	29.21	RMS	34.7	-18.5	.62	46.03	54	-7.97	-	-	207	125	V
4	5.461	42.29	Pk	34.7	-18.5	0	58.49	-	-	68.2	-9.71	207	125	V
3	5.47	40.72	Pk	34.8	-18.3	0	57.22	-	-	68.2	-10.98	207	125	V

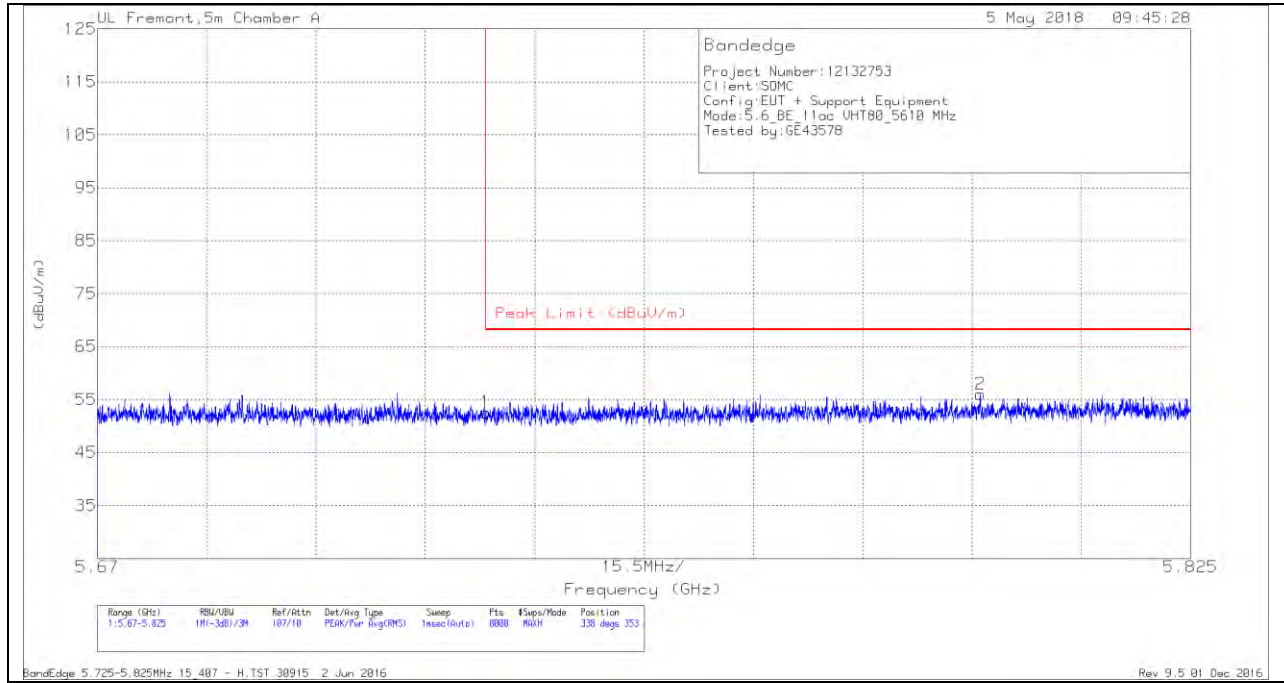
\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

RMS - RMS detection

### BANDEDGE (HIGH CHANNEL)

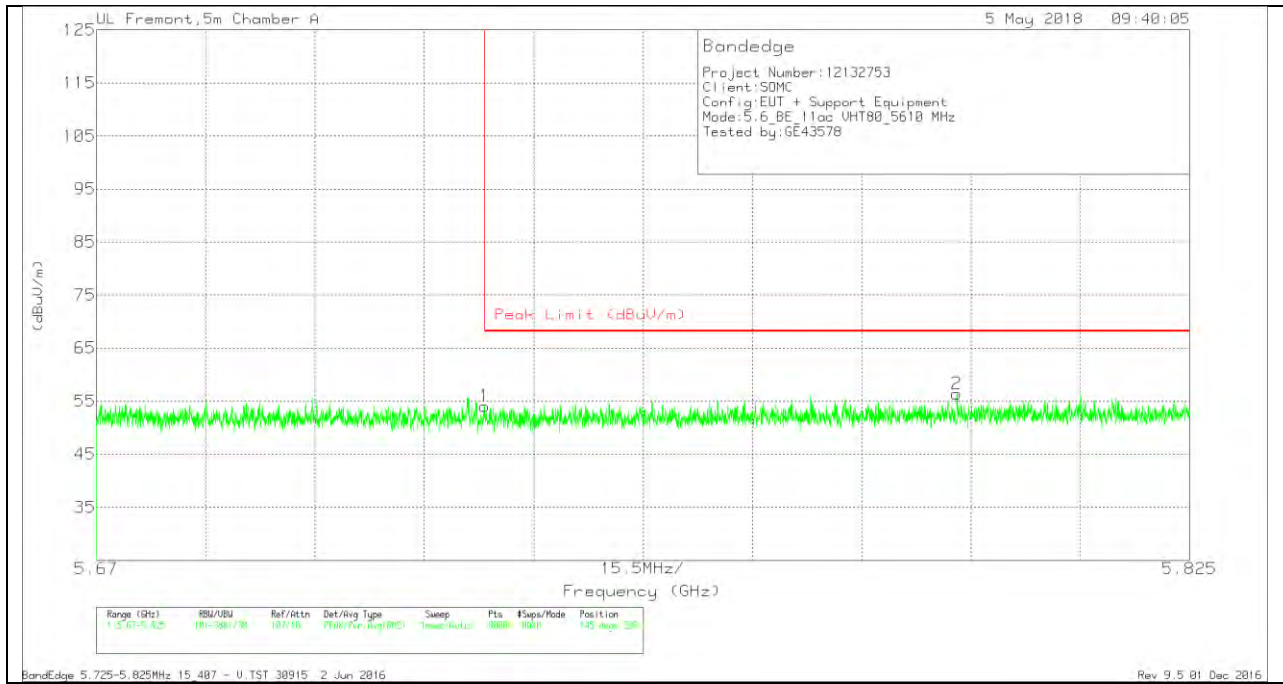
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.07	Pk	35	-18.5	52.57	68.2	-15.63	338	353	H
2	5.795	39.25	Pk	35.1	-18.3	56.05	68.2	-12.15	338	353	H

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

### VERTICAL RESULT

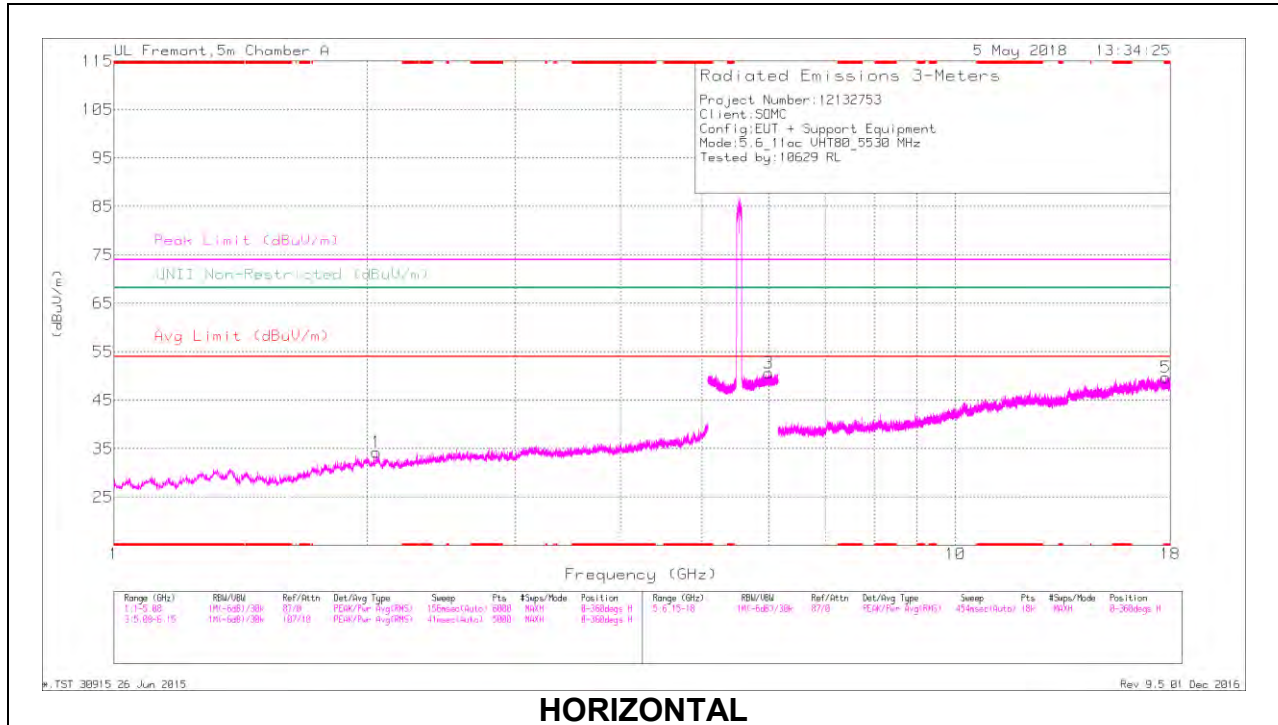


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.51	Pk	35	-18.5	54.01	68.2	-14.19	145	280	V
2	5.792	39.58	Pk	35.1	-18.3	56.38	68.2	-11.82	145	280	V

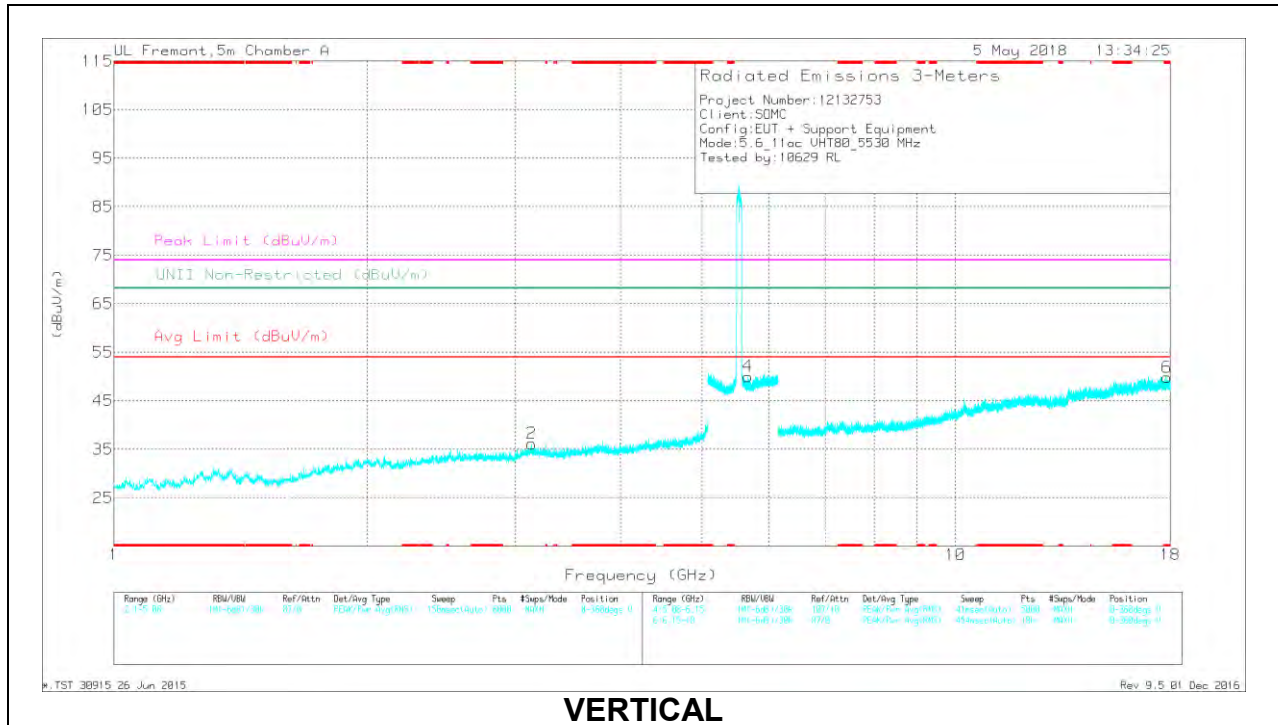
\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 17.788	33.3	PK-U	41.2	-18.4	0	56.1	-	-	74	-17.9	-	-	120	174	H
	* 17.789	22.03	ADR	41.2	-18.4	.62	45.45	54	-8.55	-	-	-	-	120	174	H
6	* 17.85	32.2	PK-U	41.3	-18.4	0	55.1	-	-	74	-18.9	-	-	305	372	V
	* 17.85	21.57	ADR	41.3	-18.4	.62	45.09	54	-8.91	-	-	-	-	305	372	V
1	2.05	33.23	Pk	31.4	-30.4	0	34.23	-	-	-	-	68.2	-33.97	0-360	199	H
2	3.136	32.06	Pk	32.8	-28.7	0	36.16	-	-	-	-	68.2	-32.04	0-360	200	V
4	5.668	33.55	Pk	35	-18.5	0	50.05	-	-	-	-	68.2	-18.15	0-360	101	V
3	5.999	33.21	Pk	35.3	-17.9	0	50.61	-	-	-	-	68.2	-17.59	0-360	199	H

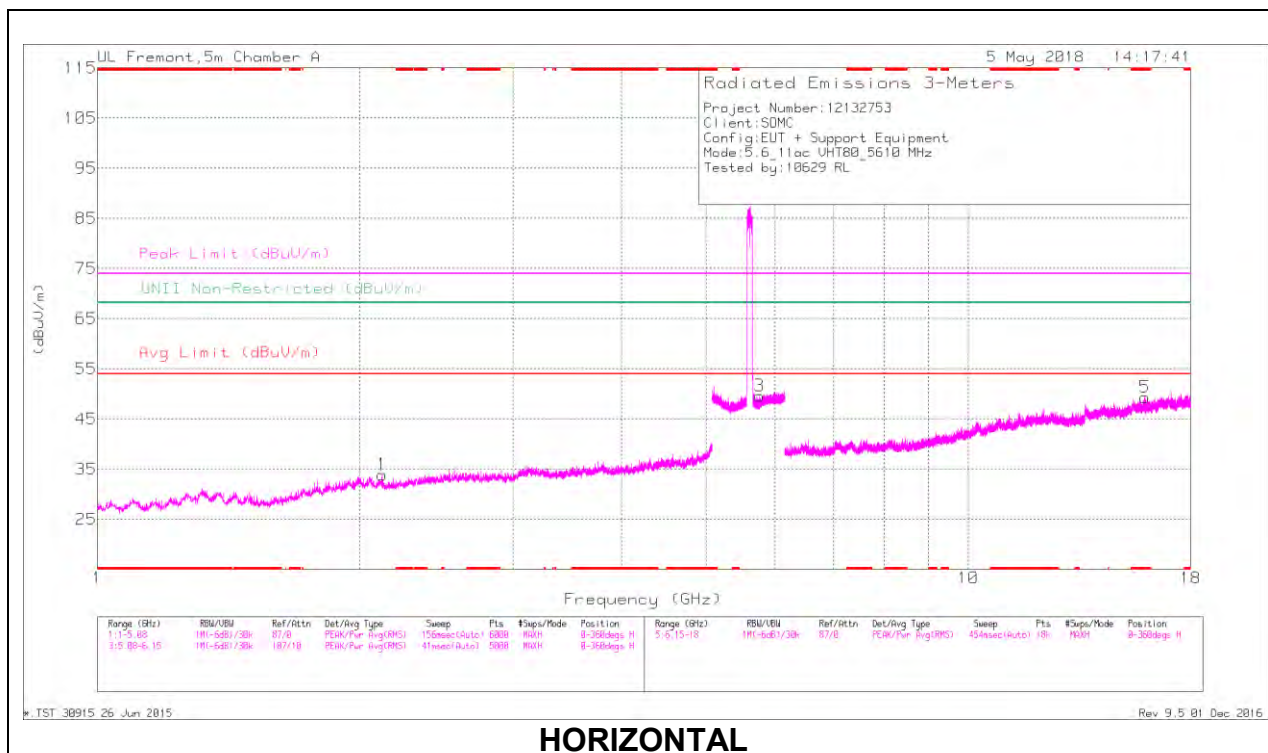
\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

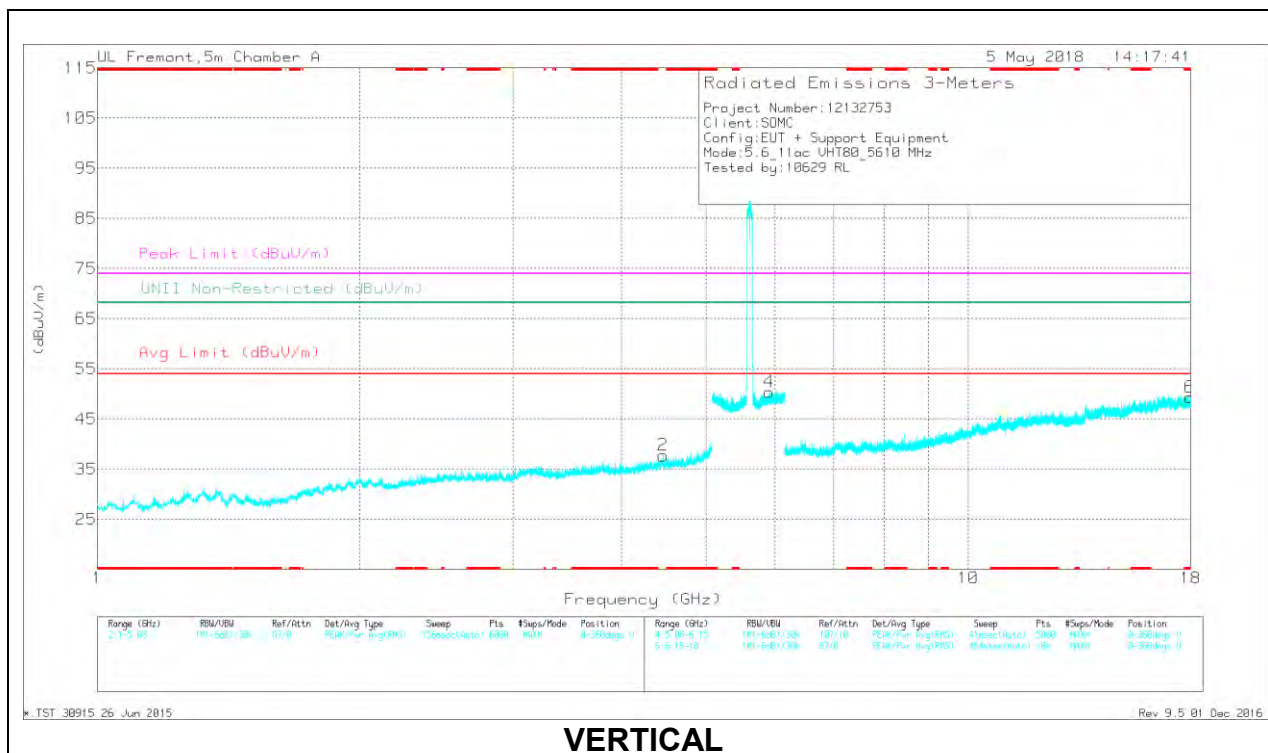
PK-U - U-NII: Maximum Peak

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/Filtr/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
5	* 15.95	31.83	PK-U	40.4	-18	0	54.23	-	-	74	-19.77	-	-	239	288	H
	* 15.951	20.92	ADR	40.4	-18	.62	43.94	54	-10.06	-	-	-	-	239	288	H
6	* 17.959	32.6	PK-U	41.2	-18.6	0	55.2	-	-	74	-18.8	-	-	149	292	V
	* 17.962	21.59	ADR	41.2	-18.5	.62	44.91	54	-9.09	-	-	-	-	149	292	V
1	2.124	33.46	Pk	31.1	-30.7	0	33.86	-	-	-	-	68.2	-34.34	0-360	101	H
2	4.464	30.72	Pk	33.7	-26.7	0	37.72	-	-	-	-	68.2	-30.48	0-360	199	V
3	5.755	33.11	Pk	35	-18.5	0	49.61	-	-	-	-	68.2	-18.59	0-360	199	H
4	5.905	33.23	Pk	35.2	-18	0	50.43	-	-	-	-	68.2	-17.77	0-360	200	V

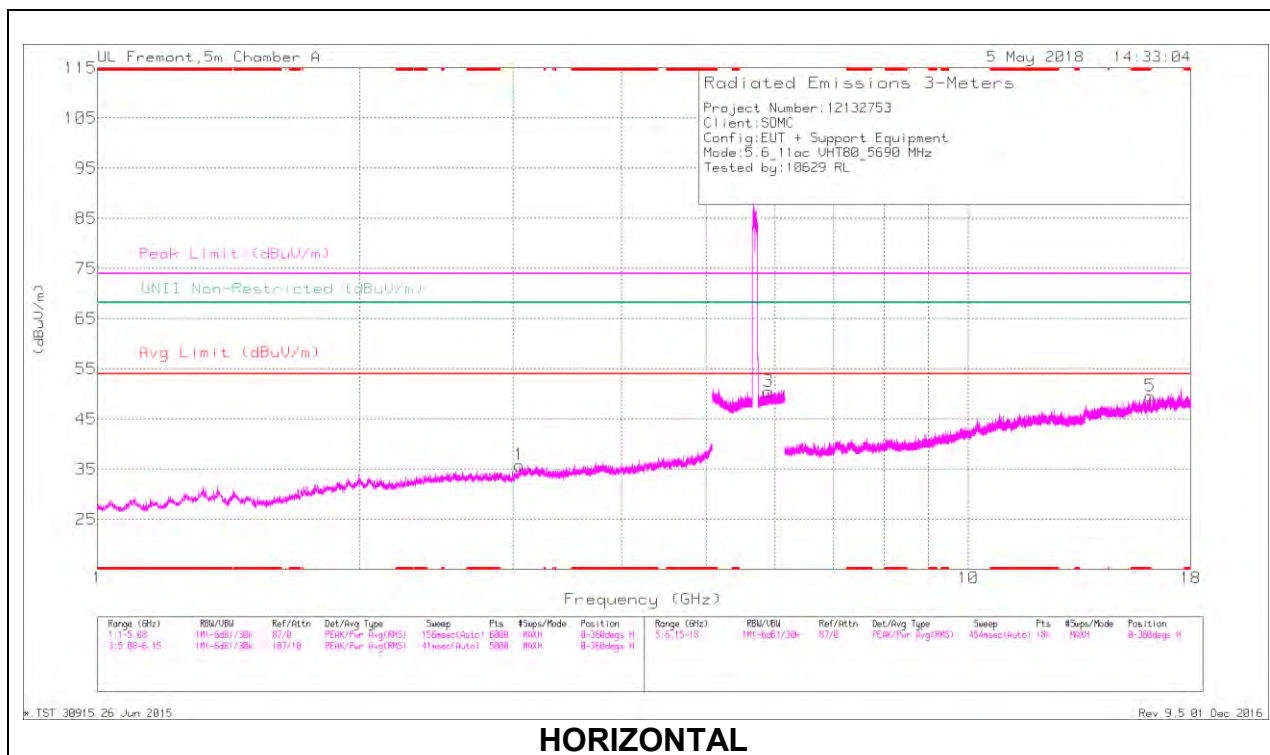
\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

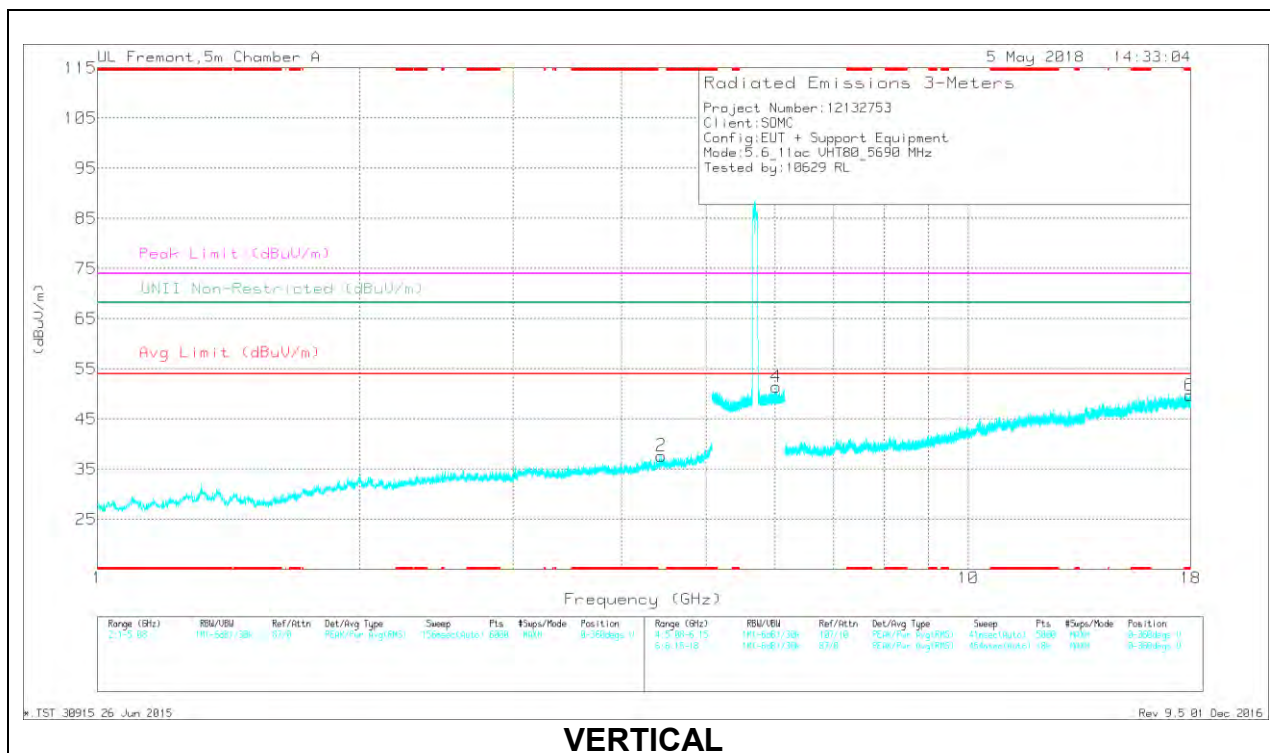
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### CHANNEL 138 RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 16.175	32.23	PK-U	40.6	-18.8	0	54.03	-	-	74	-19.97	-	-	325	125	H
	* 16.174	21.61	ADR	40.6	-18.8	.62	44.03	54	-9.97	-	-	-	-	325	125	H
6	* 17.965	32.68	PK-U	41.2	-18.5	0	55.38	-	-	74	-18.62	-	-	237	179	V
	* 17.964	21.79	ADR	41.2	-18.5	.62	45.11	54	-8.89	-	-	-	-	237	179	V
1	3.054	32.47	Pk	32.8	-29.5	0	35.77	-	-	-	-	68.2	-32.43	0-360	199	H
2	4.437	30.51	Pk	33.7	-26.5	0	37.71	-	-	-	-	68.2	-30.49	0-360	200	V
3	5.893	33.45	Pk	35.2	-18.1	0	50.55	-	-	-	-	68.2	-17.65	0-360	199	H
4	6.022	34.01	Pk	35.3	-17.9	0	51.41	-	-	-	-	68.2	-16.79	0-360	101	V

\* - indicates frequency in CFR47 Pt 15 Restricted Band

Pk - Peak detector

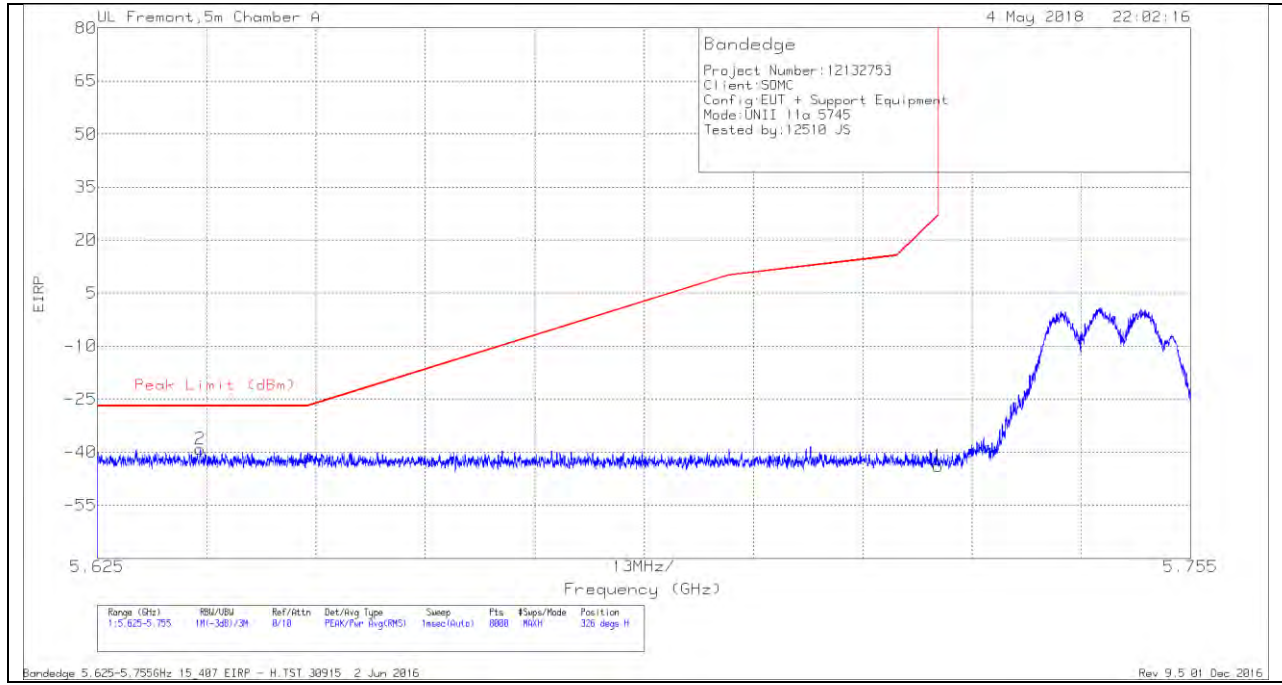
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### BANDEDGE (LOW CHANNEL)

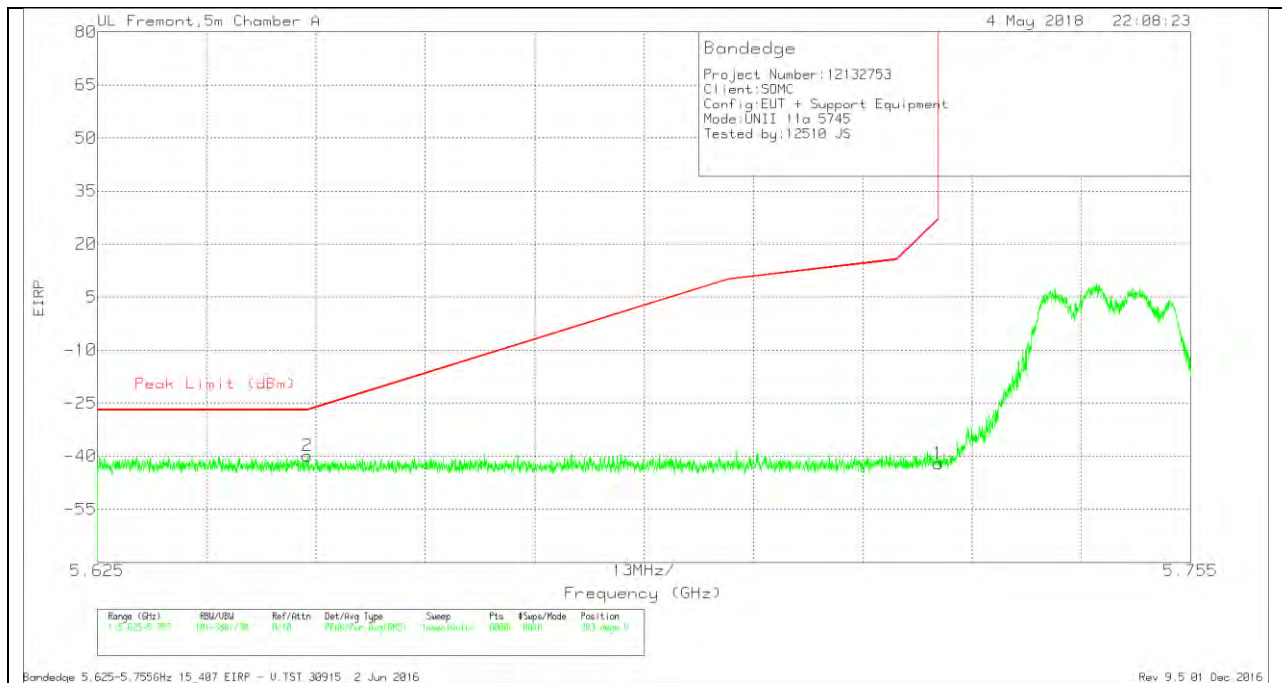
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-67.58	Pk	35.1	-18.5	11.8	0	-39.18	-27	-12.18	326	105	H
1	5.725	-72.15	Pk	35	-18.5	11.8	0	-43.85	27	-70.85	326	105	H

\* - indicates frequency in CFR47 Pt 15 Restricted Band

### VERTICAL RESULT

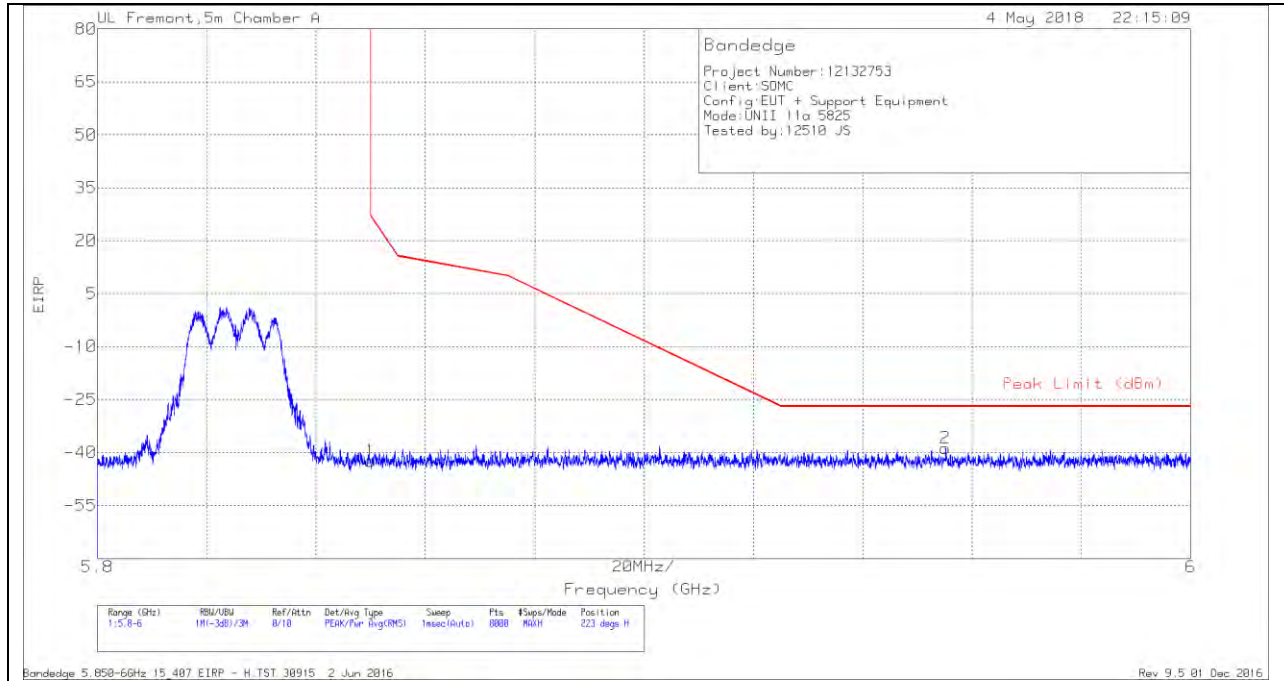


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-68.35	Pk	35.1	-18.5	11.8	0	-39.95	-27	-12.95	203	102	V
1	5.725	-70.31	Pk	35	-18.5	11.8	0	-42.01	27	-69.01	203	102	V

Pk - Peak detector

### BANDEDGE (HIGH CHANNEL)

### HORIZONTAL RESULT

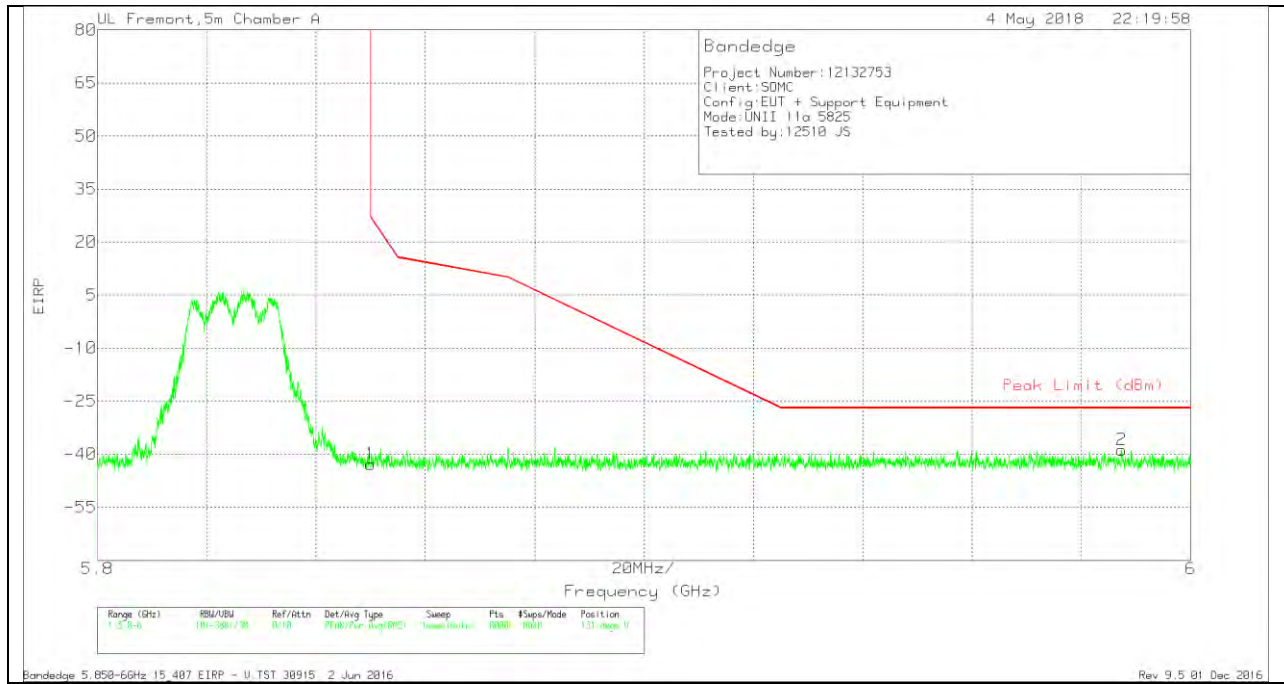


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.09	Pk	35.1	-18.3	11.8	0	-42.49	26.99	-69.48	223	384	H
2	5.955	-67.7	Pk	35.3	-18.1	11.8	0	-38.7	-27	-11.7	223	384	H

Pk - Peak detector



### VERTICAL RESULT

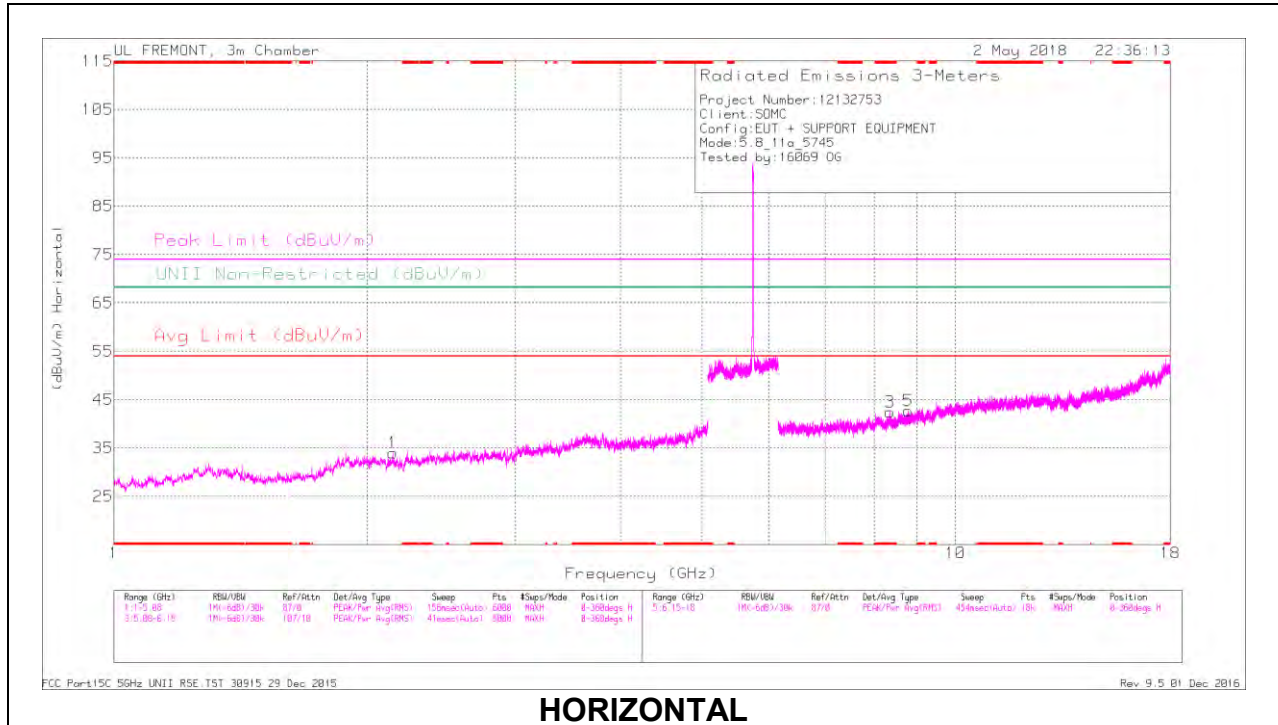


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.41	Pk	35.1	-18.3	11.8	0	-42.81	26.99	-69.8	131	289	V
2	5.987	-67.84	Pk	35.3	-18	11.8	0	-38.74	-27	-11.74	131	289	V

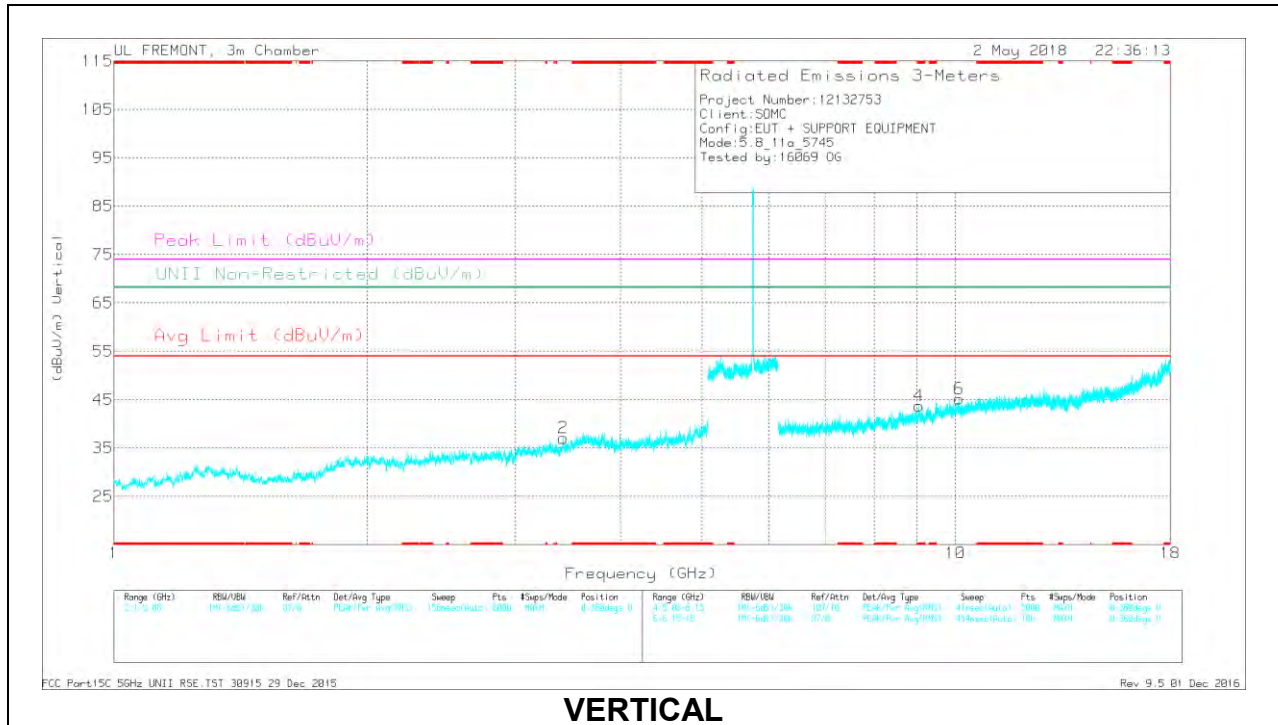
Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



**HORIZONTAL**



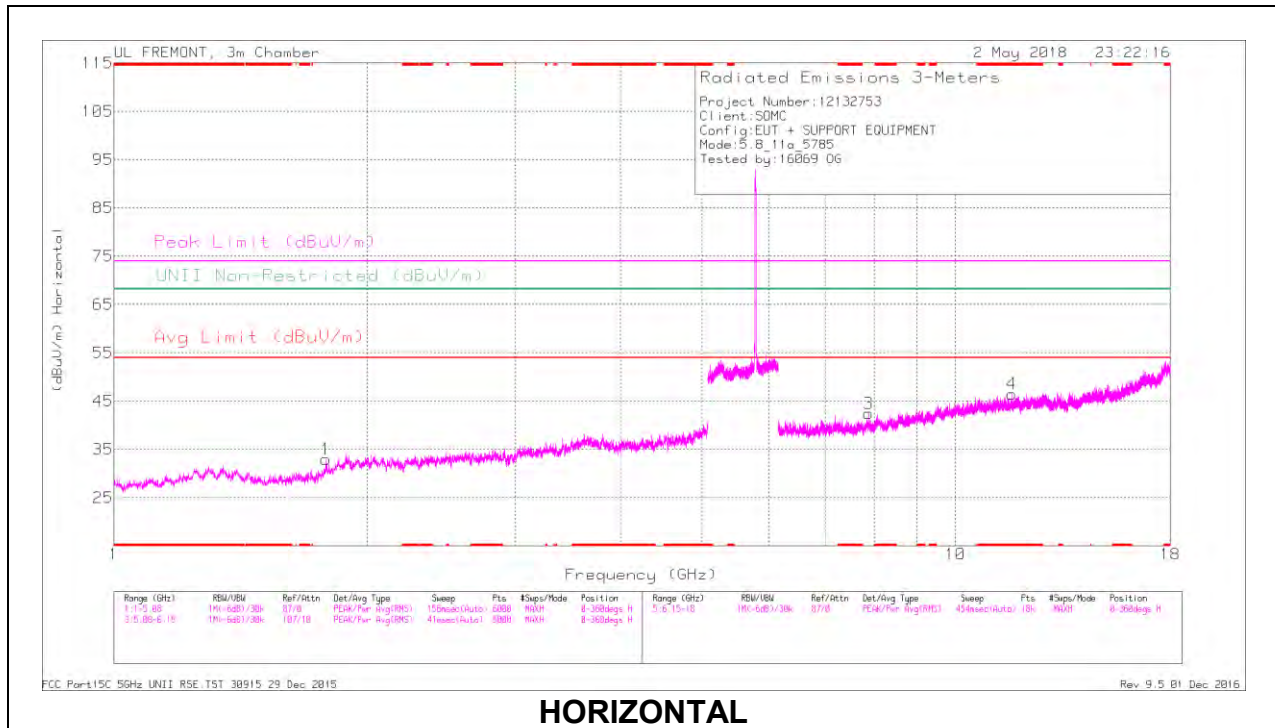
**VERTICAL**

**RADIATED EMISSIONS**

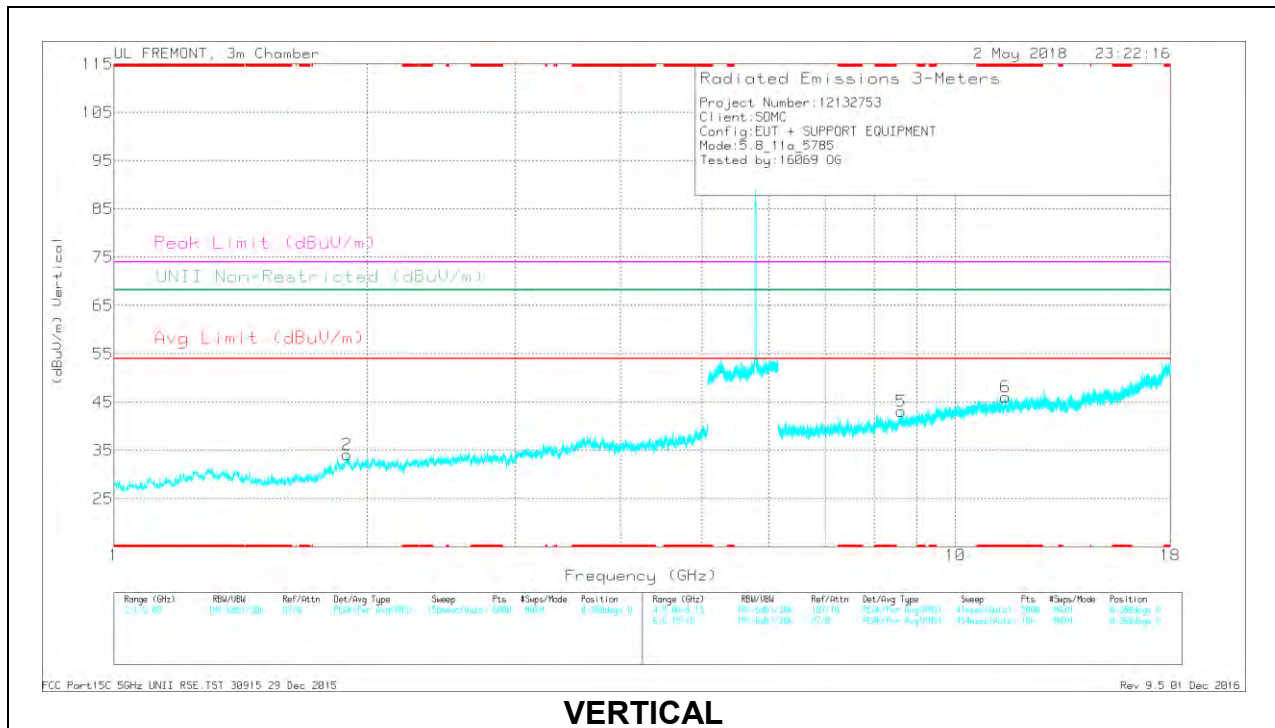
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.352	34.66	PK-U	35.8	-22.3	0	48.16	-	-	74	-25.84	-	-	24	270	H
	* 8.351	23.01	ADR	35.8	-22.4	0	36.41	54	-17.59	-	-	-	-	24	270	H
4	* 9.053	34.67	PK-U	36.1	-21	0	49.77	-	-	74	-24.23	-	-	174	220	V
	* 9.053	22.4	ADR	36.1	-21	0	37.5	54	-16.5	-	-	-	-	174	220	V
1	2.143	38.98	PK-U	31.4	-29.9	0	40.48	-	-	-	-	68.2	-27.72	336	246	H
2	3.418	38.33	PK-U	33.8	-28.3	0	43.83	-	-	-	-	68.2	-24.37	184	281	V
5	8.788	34.29	PK-U	36	-21.7	0	48.59	-	-	-	-	68.2	-19.61	173	134	H
6	10.092	33.87	PK-U	37.4	-20.5	0	50.77	-	-	-	-	68.2	-17.43	331	192	V

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

### MID CHANNEL RESULTS



### HORIZONTAL



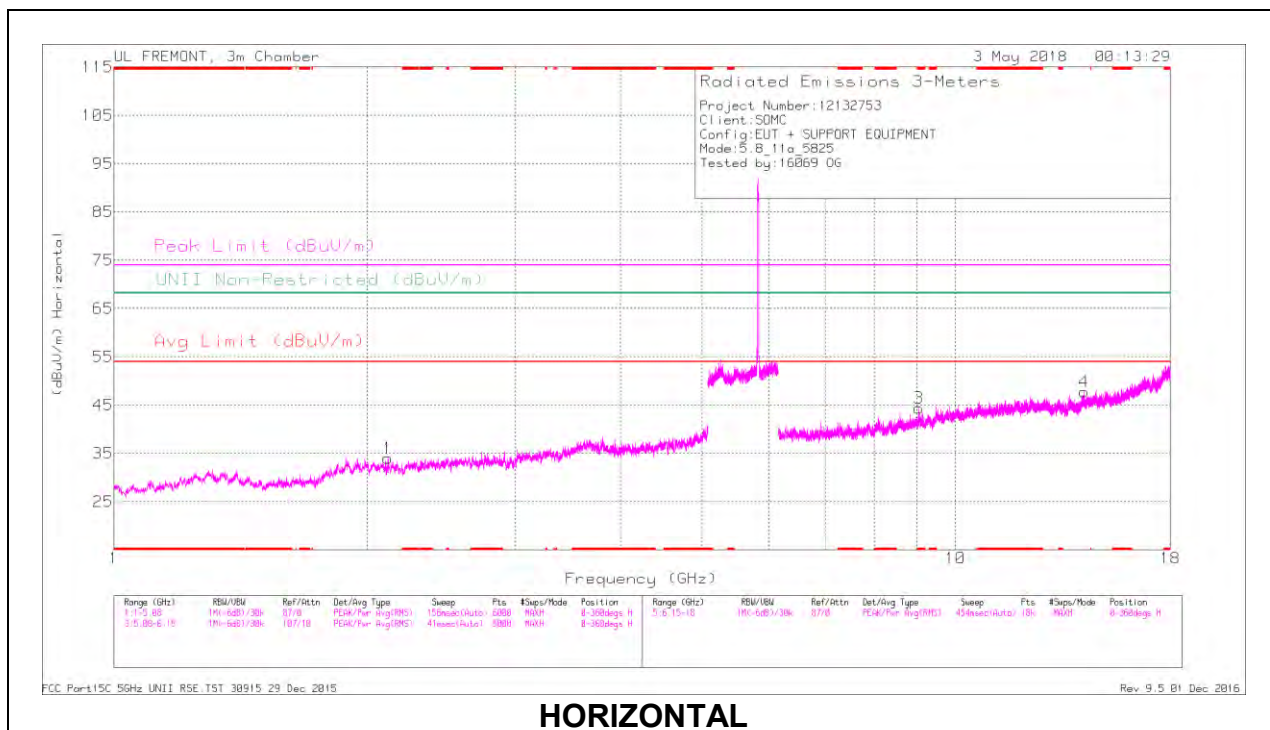
### VERTICAL

**RADIATED EMISSIONS**

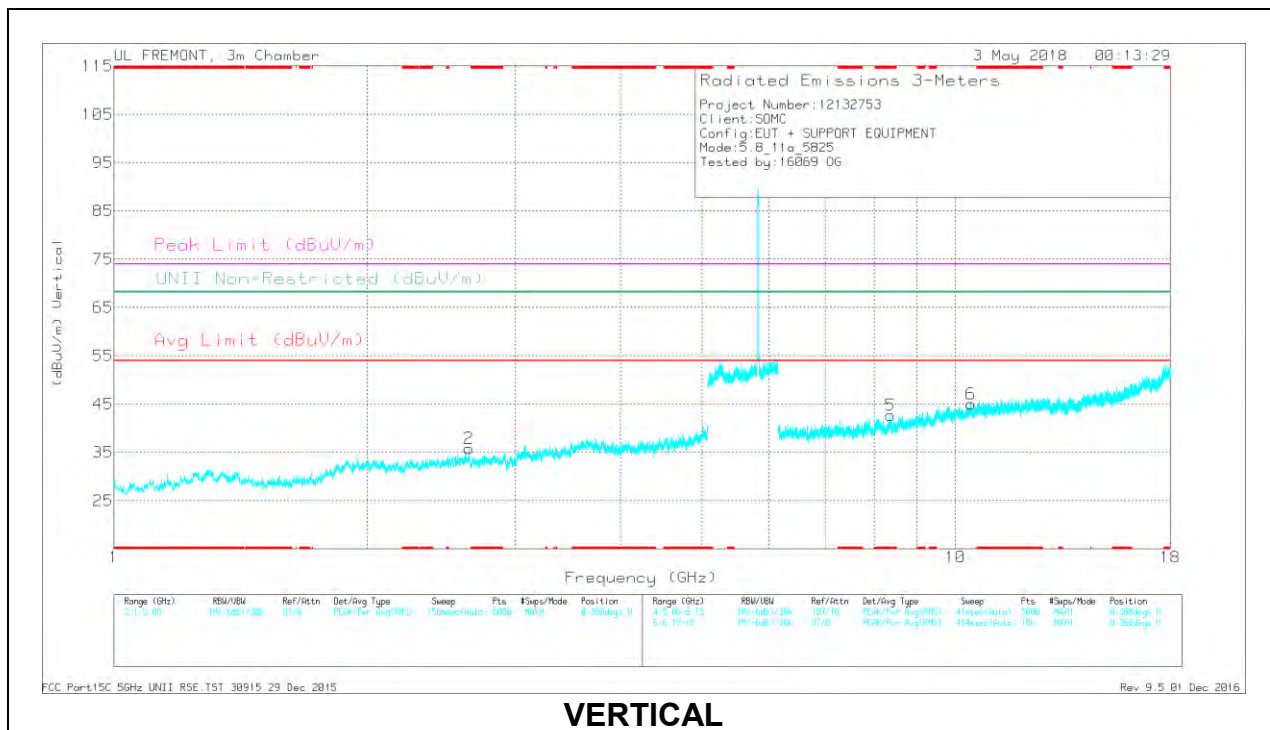
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 11.667	34.27	PK-U	38.8	-20.9	0	52.17	-	-	74	-21.83	-	-	73	199	H
	* 11.67	22.43	ADR	38.8	-20.8	0	40.43	54	-13.57	-	-	-	-	73	199	H
6	* 11.476	33.81	PK-U	38.5	-21	0	51.31	-	-	74	-22.69	-	-	88	284	V
	* 11.478	22.79	ADR	38.5	-21	0	40.29	54	-13.71	-	-	-	-	88	284	V
1	1.785	39.7	PK-U	30	-30.8	0	38.9	-	-	-	-	68.2	-29.3	53	396	H
2	1.893	38.96	PK-U	31.3	-30.2	0	40.06	-	-	-	-	68.2	-28.14	346	219	V
3	7.89	35.19	PK-U	35.8	-23	0	47.99	-	-	-	-	68.2	-20.21	66	144	H
5	8.619	34.58	PK-U	35.8	-22	0	48.38	-	-	-	-	68.2	-19.82	203	287	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

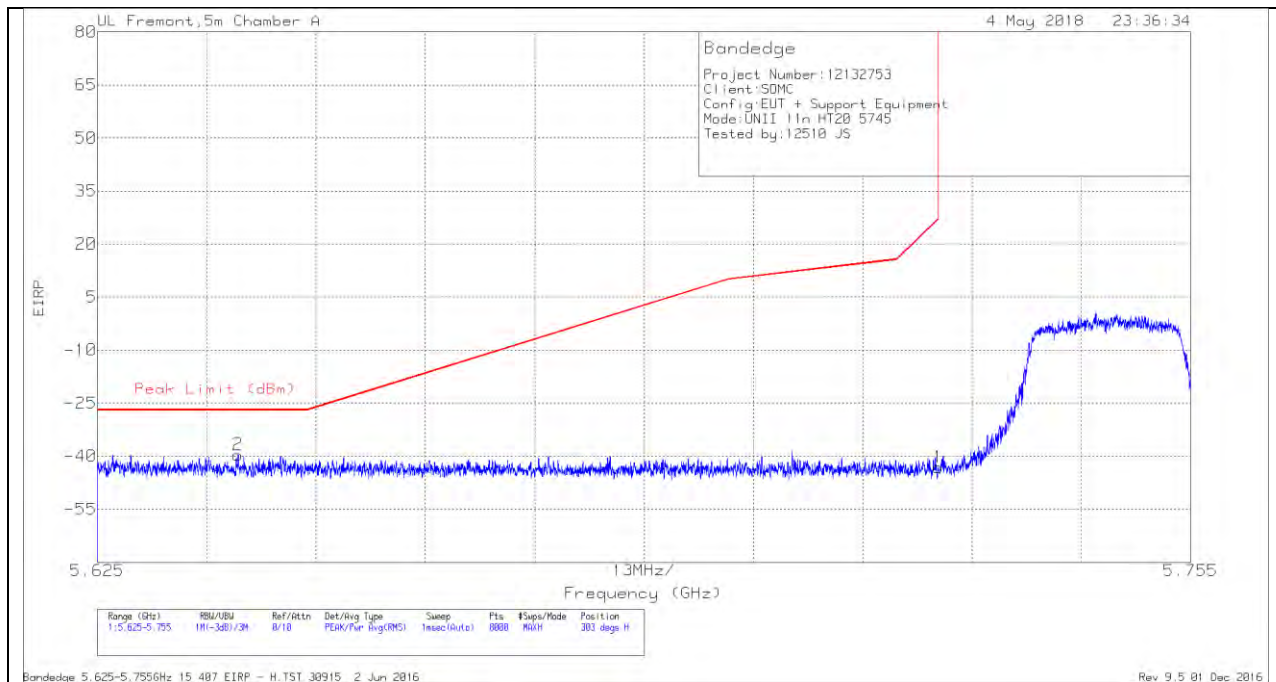
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 9.052	33.61	PK-U	36.1	-21	0	48.71	-	-	74	-25.29	-	-	318	361	H
	* 9.052	22.4	ADR	36.1	-21	0	37.5	54	-16.5	-	-	-	-	318	361	H
5	* 8.377	33.39	PK-U	35.7	-21.4	0	47.69	-	-	74	-26.31	-	-	312	298	V
	* 8.38	21.79	ADR	35.7	-21.3	0	36.19	54	-17.81	-	-	-	-	312	298	V
1	2.118	37.74	PK-U	31.5	-30.1	0	39.14	-	-	-	-	68.2	-29.06	93	222	H
2	2.643	37.91	PK-U	32.6	-29.2	0	41.31	-	-	-	-	68.2	-26.89	249	337	V
6	10.439	34.27	PK-U	37.6	-20.8	0	51.07	-	-	-	-	68.2	-17.13	248	113	V
4	14.211	35.83	PK-U	39.4	-21.4	0	53.83	-	-	-	-	68.2	-14.37	175	102	H

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

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

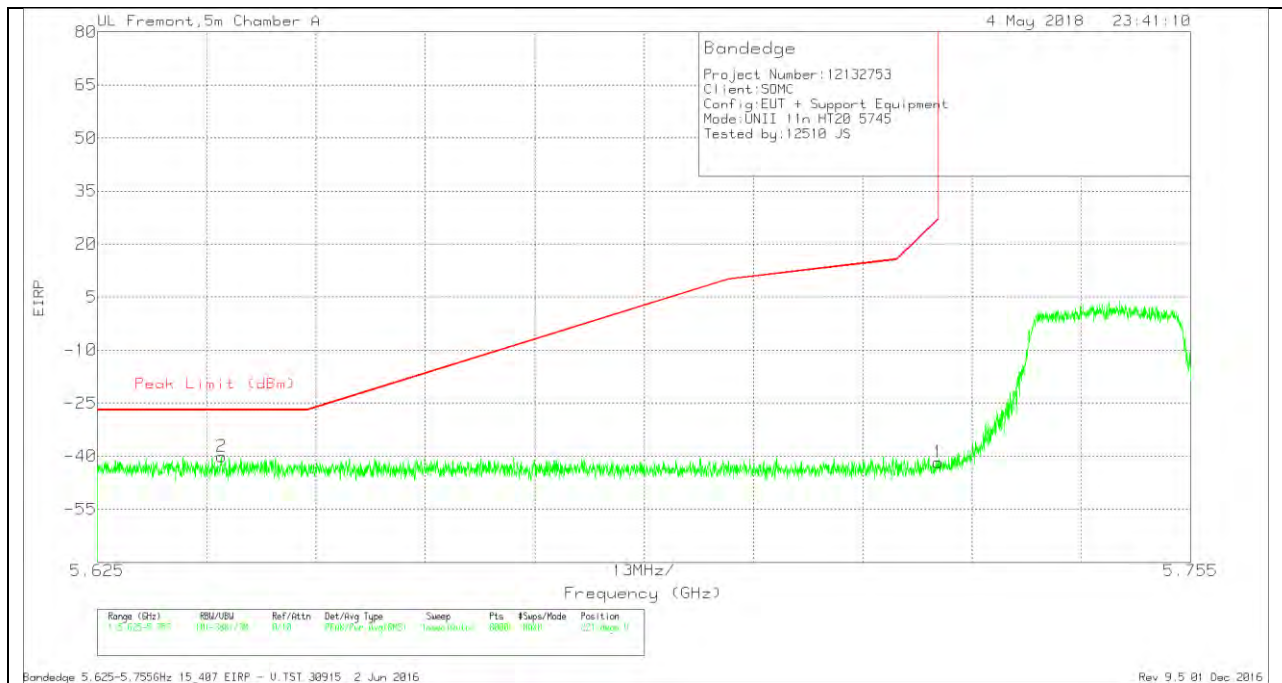


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-68	Pk	35.1	-18.5	11.8	0	-39.6	-27	-12.6	303	395	H
1	5.725	-71.51	Pk	35	-18.5	11.8	0	-43.21	27	-70.21	303	395	H

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



### VERTICAL RESULT

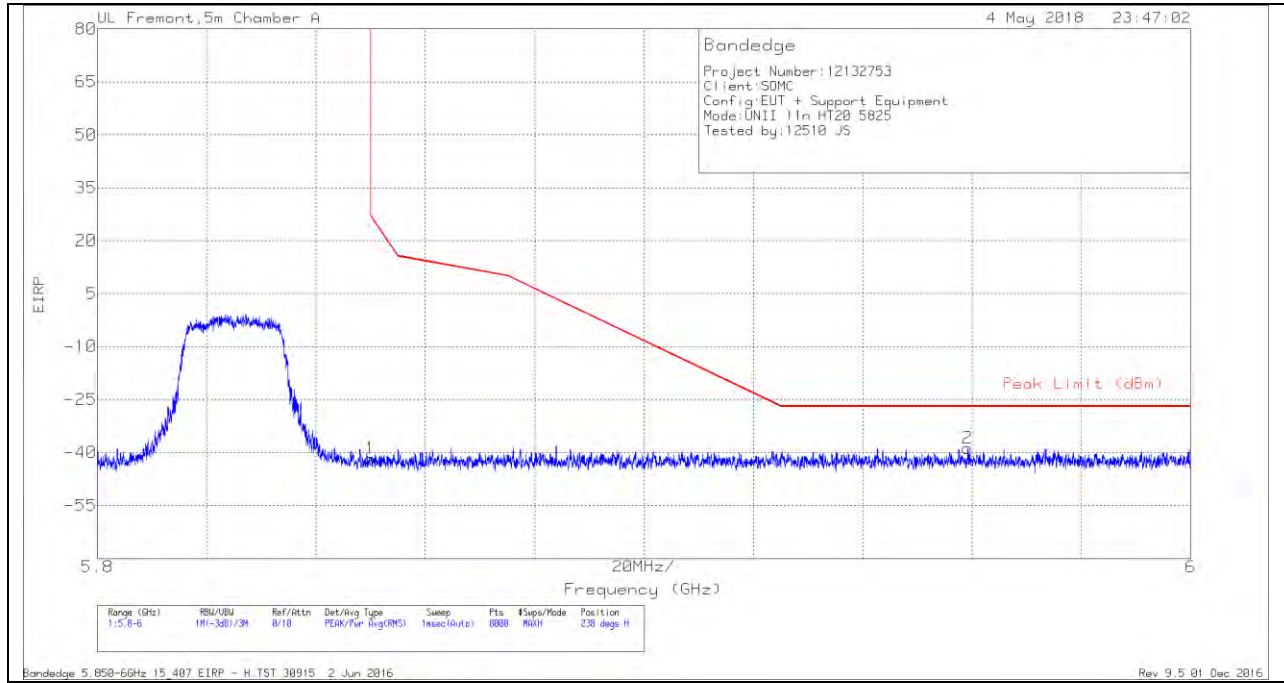


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-68.46	Pk	35.1	-18.5	11.8	0	-40.06	-27	-13.06	221	273	V
1	5.725	-69.94	Pk	35	-18.5	11.8	0	-41.64	27	-68.64	221	273	V

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

### BANDEDGE (HIGH CHANNEL)

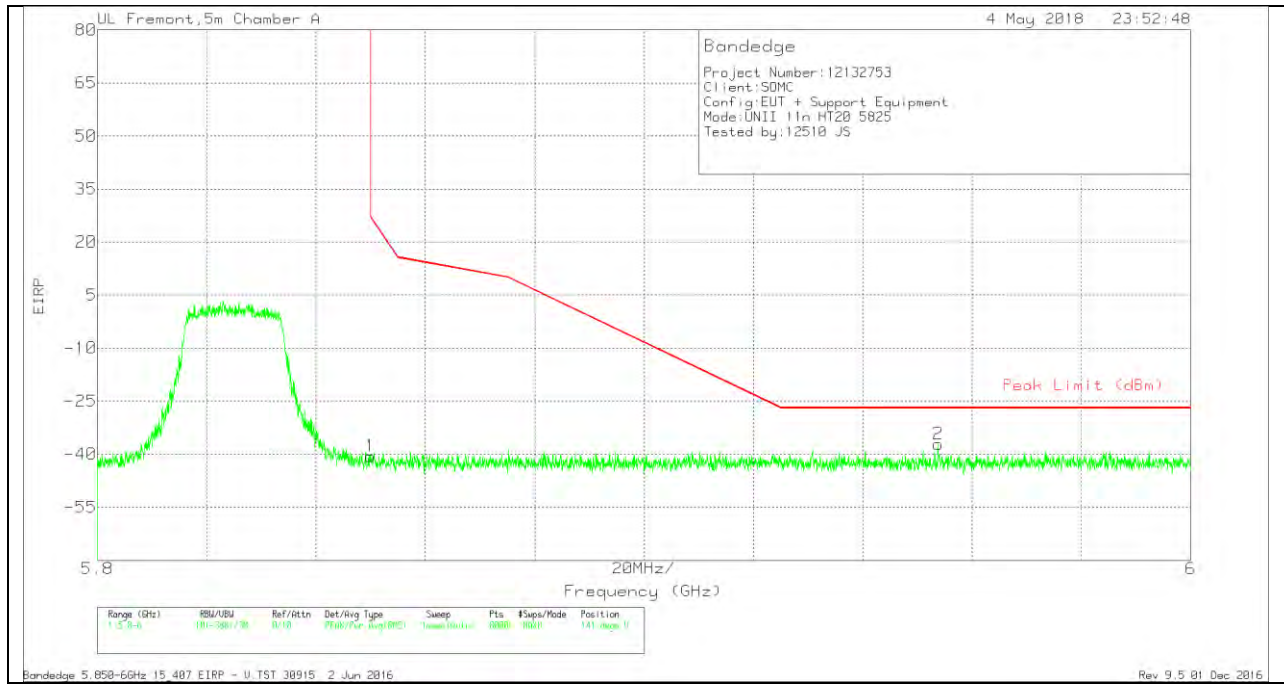
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-70.32	Pk	35.1	-18.3	11.8	0	-41.72	26.99	-68.71	238	361	H
2	5.959	-67.74	Pk	35.3	-18.1	11.8	0	-38.74	-27	-11.74	238	361	H

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

### VERTICAL RESULT

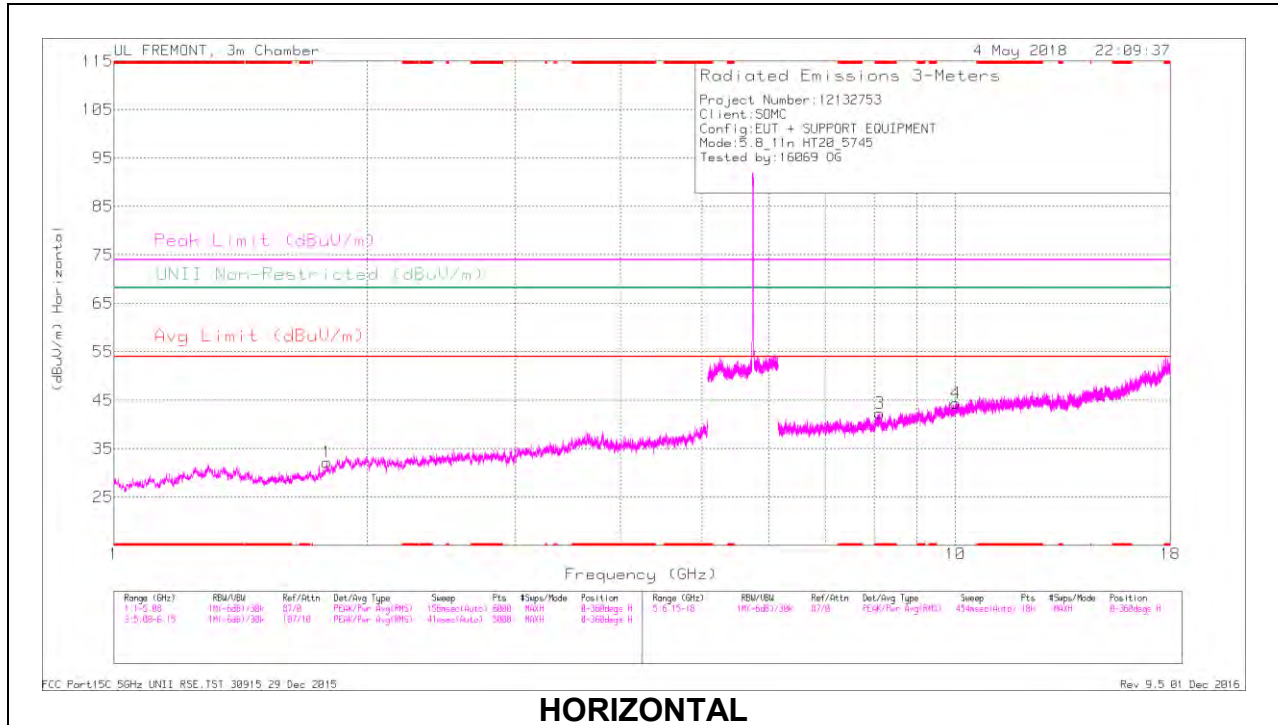


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-69.25	Pk	35.1	-18.3	11.8	0	-40.65	26.99	-67.64	141	218	V
2	5.954	-66.18	Pk	35.3	-18.1	11.8	0	-37.18	-27	-10.18	141	218	V

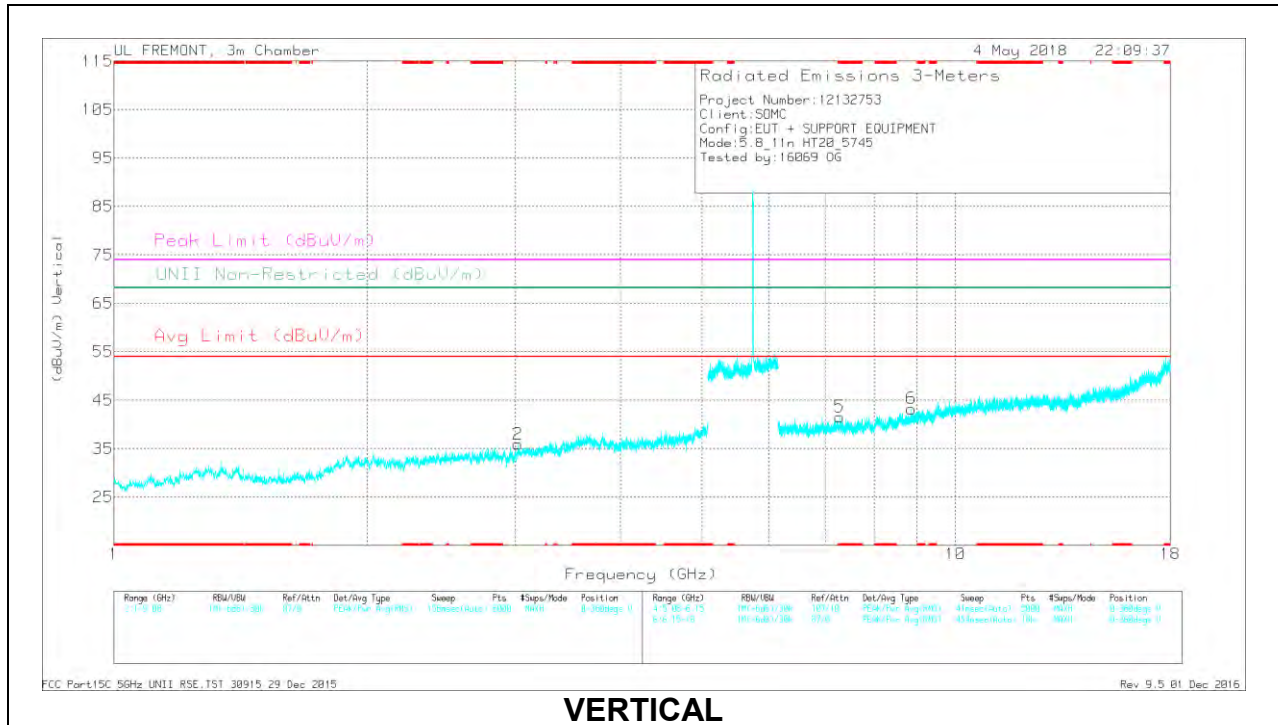
\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



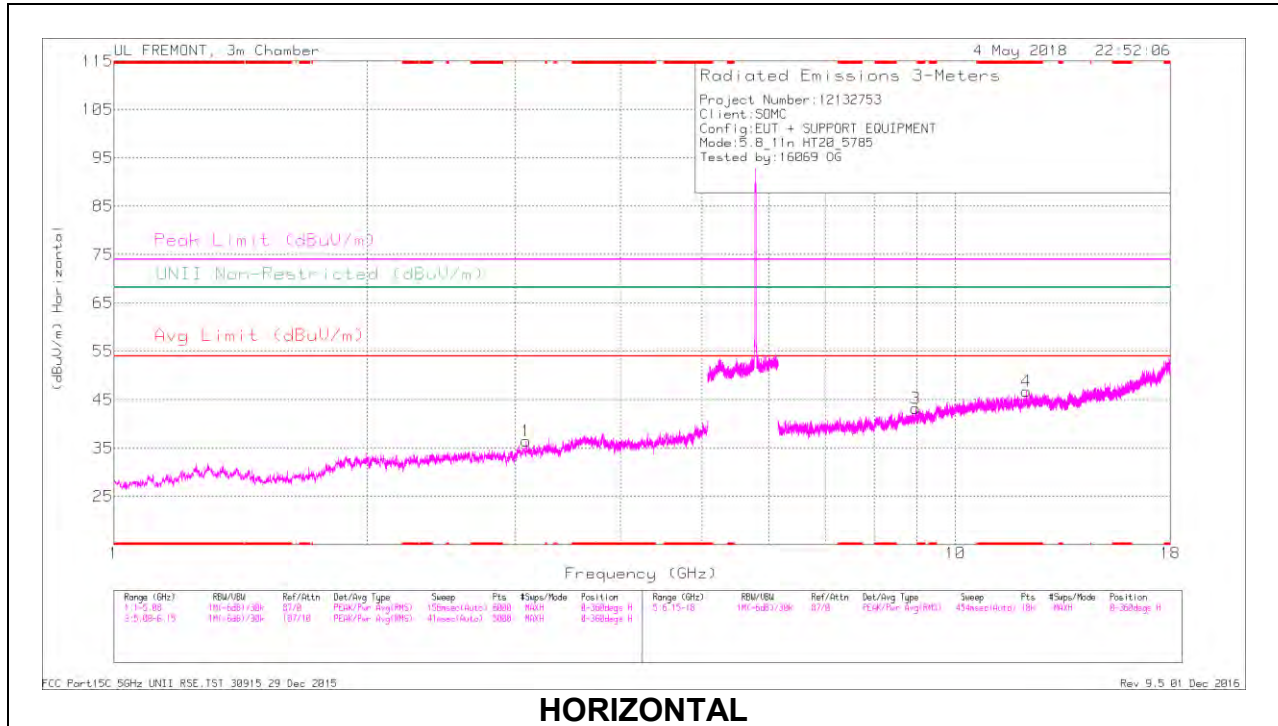
**VERTICAL**

**RADIATED EMISSIONS**

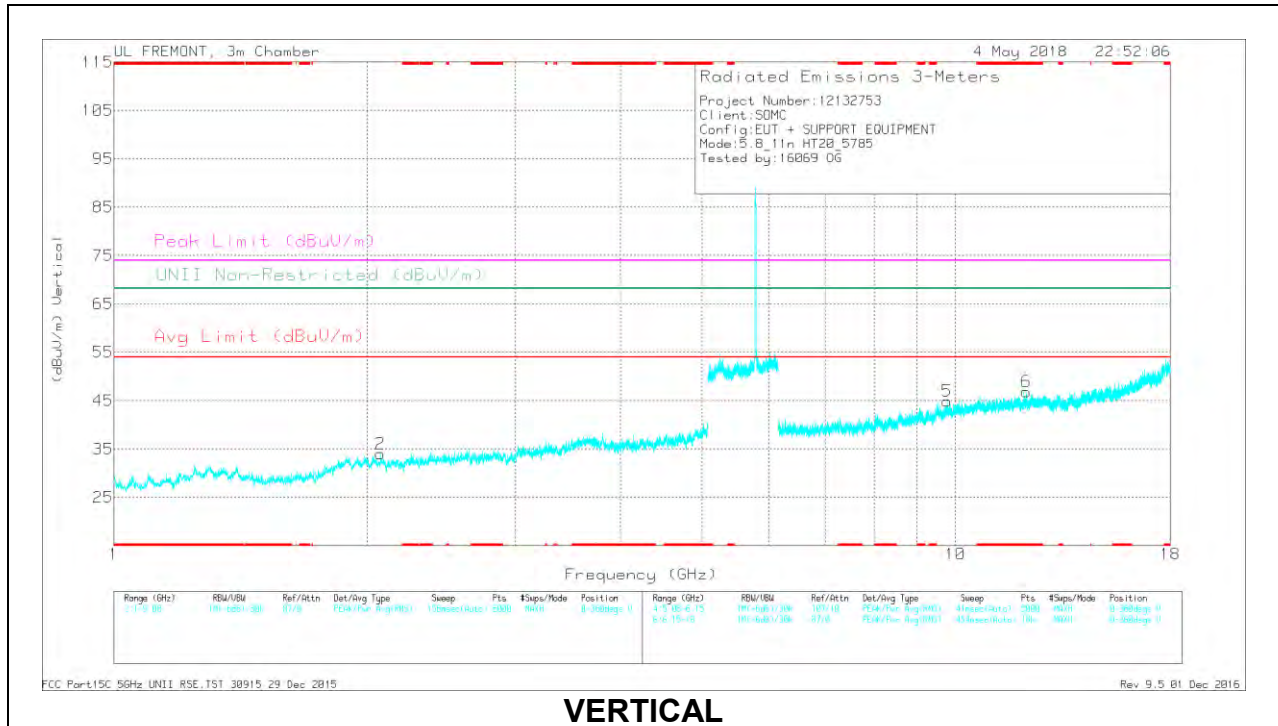
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 8.134	35.12	PK-U	35.8	-22.6	0	48.32	-	-	74	-25.68	-	-	236	353	H
	* 8.136	23.2	ADR	35.8	-22.8	.1	36.3	54	-17.7	-	-	-	-	236	353	H
5	* 7.289	36.14	PK-U	35.7	-23.8	0	48.04	-	-	74	-25.96	-	-	168	160	V
	* 7.289	24.11	ADR	35.7	-24	.1	35.91	54	-18.09	-	-	-	-	168	160	V
1	1.79	40.26	PK-U	30.1	-30.8	0	39.56	-	-	-	-	68.2	-28.64	180	131	H
2	3.019	39.01	PK-U	33.1	-29.8	0	42.31	-	-	-	-	68.2	-25.89	159	396	V
6	8.855	33.7	PK-U	36.1	-21.9	0	47.9	-	-	-	-	68.2	-20.3	302	265	V
4	10.013	33.41	PK-U	37.3	-20.7	0	50.01	-	-	-	-	68.2	-18.19	340	361	H

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

### MID CHANNEL RESULTS



**HORIZONTAL**



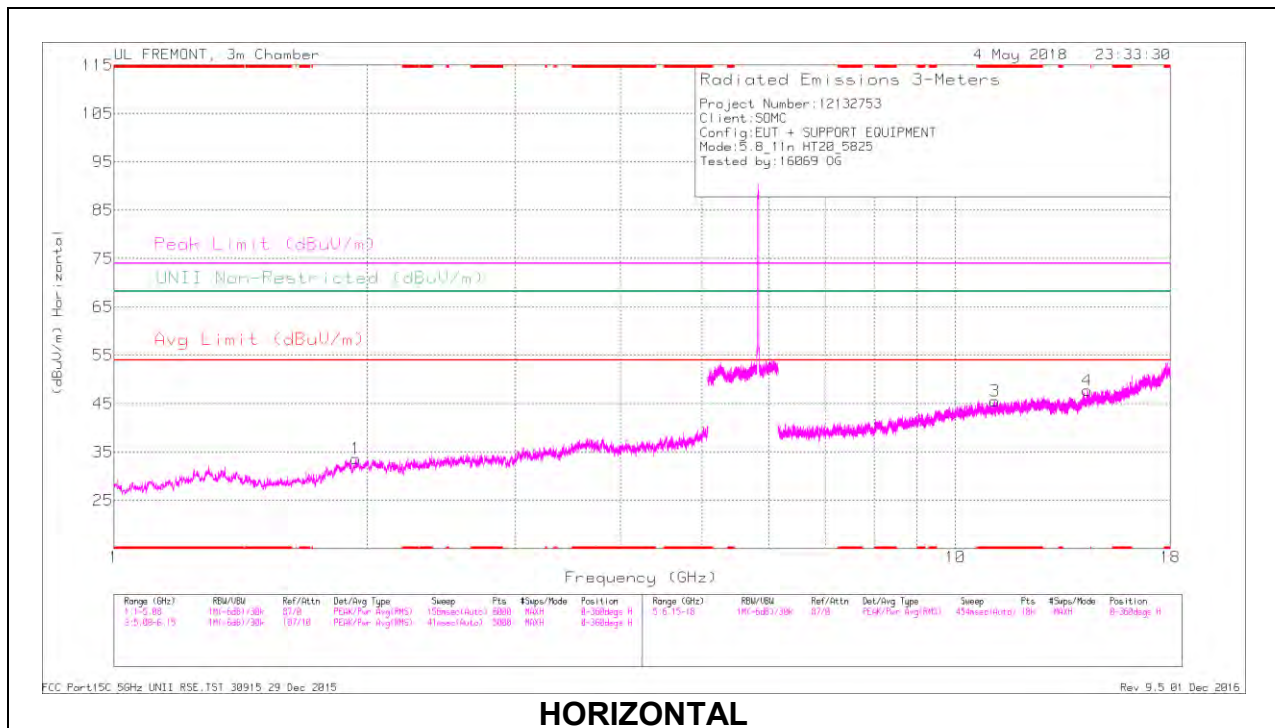
**VERTICAL**

**RADIATED EMISSIONS**

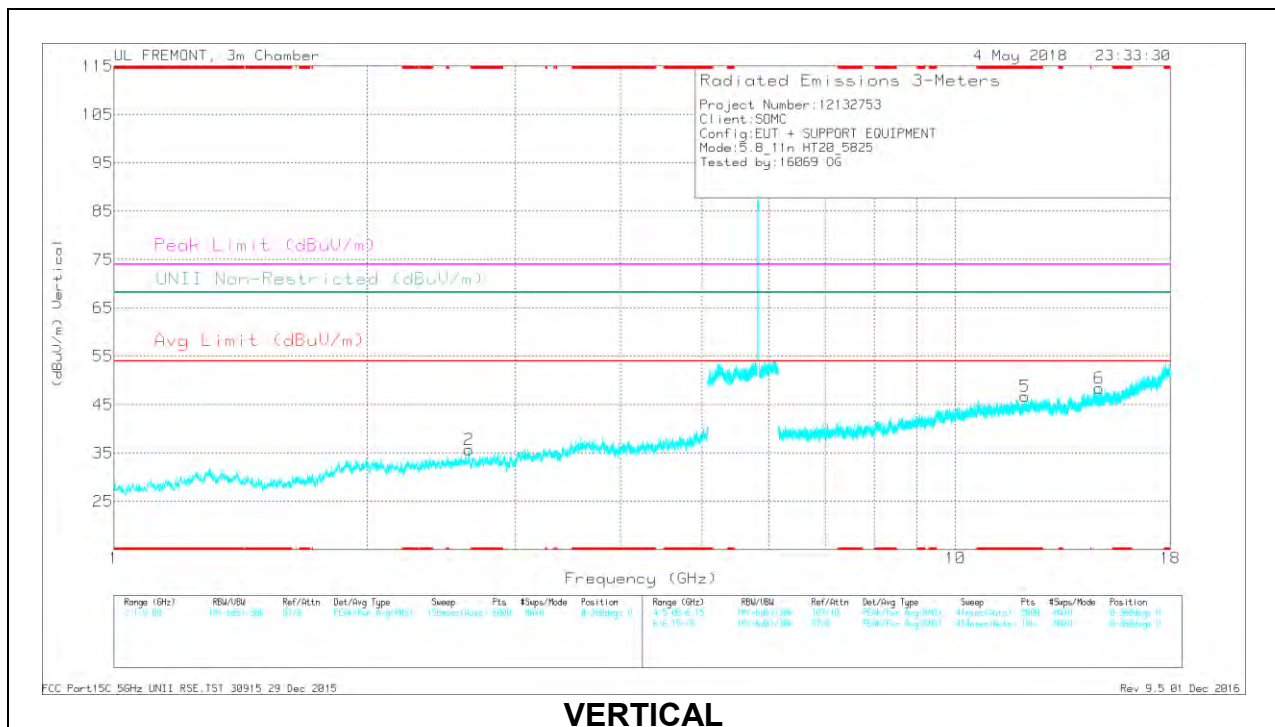
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 12.149	34.28	PK-U	39.1	-21.4	0	51.98	-	-	74	-22.02	-	-	188	237	H
	* 12.149	22.82	ADR	39.1	-21.4	.1	40.62	54	-13.38	-	-	-	-	188	237	H
6	* 12.143	34.78	PK-U	39.1	-20.9	0	52.98	-	-	74	-21.02	-	-	330	373	V
	* 12.142	22.9	ADR	39.1	-21	.1	41.1	54	-12.9	-	-	-	-	330	373	V
2	2.076	38.55	PK-U	31.7	-30.4	0	39.85	-	-	-	-	68.2	-28.35	352	235	V
1	3.091	37.92	PK-U	33.2	-29.3	0	41.82	-	-	-	-	68.2	-26.38	189	400	H
3	8.973	34.63	PK-U	36.1	-22	0	48.73	-	-	-	-	68.2	-19.47	95	202	H
5	9.769	33.82	PK-U	37.1	-21.2	0	49.72	-	-	-	-	68.2	-18.48	21	396	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

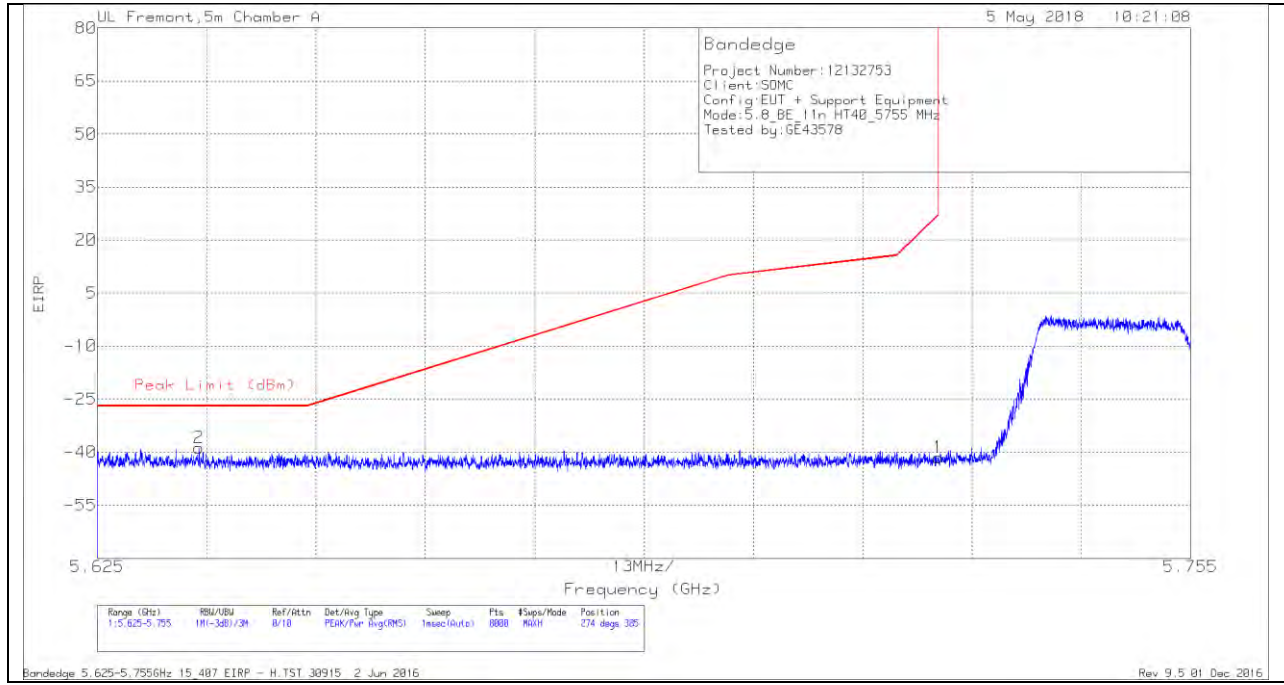
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.13	33.46	PK-U	38.2	-20.9	0	50.76	-	-	74	-23.24	-	-	206	265	H
	* 11.129	22.43	ADR	38.2	-21	.1	39.73	54	-14.27	-	-	-	-	206	265	H
5	* 12.105	34.84	PK-U	39.1	-22.1	0	51.84	-	-	74	-22.16	-	-	75	202	V
	* 12.104	22.82	ADR	39.1	-22.1	.1	39.92	54	-14.08	-	-	-	-	75	202	V
1	1.937	38.87	PK-U	31.5	-30.6	0	39.77	-	-	-	-	68.2	-28.43	345	246	H
2	2.644	37.87	PK-U	32.6	-29.3	0	41.17	-	-	-	-	68.2	-27.03	339	252	V
4	14.338	36.71	PK-U	39.5	-22	0	54.21	-	-	-	-	68.2	-13.99	327	199	H
6	14.813	35.04	PK-U	39.9	-21.7	0	53.24	-	-	-	-	68.2	-14.96	92	146	V

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

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

#### BANDEDGE (LOW CHANNEL)

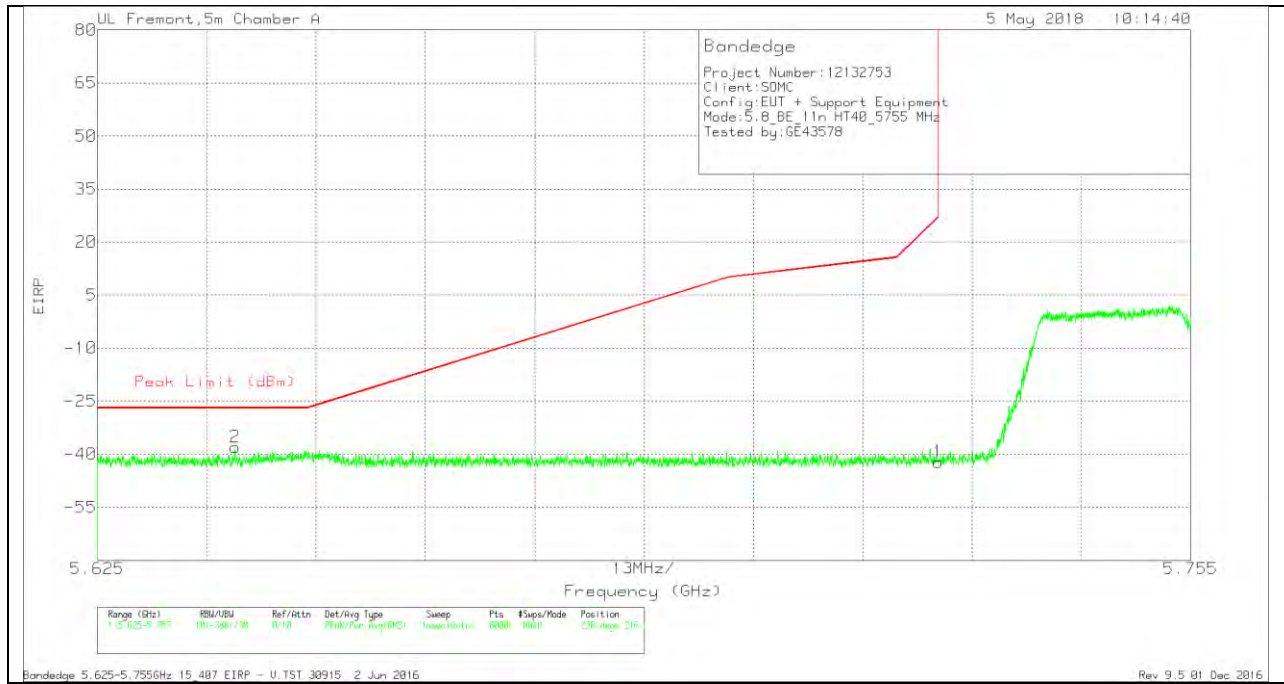
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.637	-67.2	Pk	35.1	-18.5	11.8	-38.8	-27	-11.8	274	385	H
1	5.725	-69.89	Pk	35	-18.5	11.8	-41.59	27	-68.59	274	385	H

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

### VERTICAL RESULT

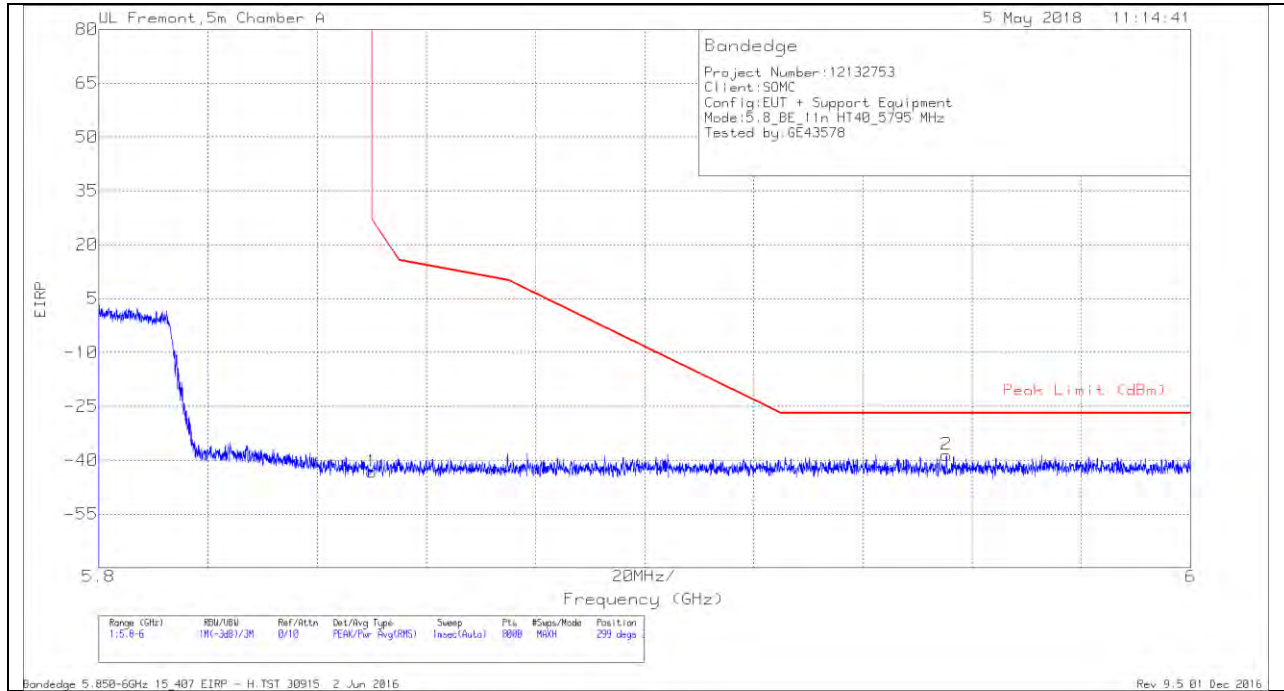


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-66.35	Pk	35.1	-18.5	11.8	-37.95	-27	-10.95	238	216	V
1	5.725	-70.51	Pk	35	-18.5	11.8	-42.21	27	-69.21	238	216	V

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

### BANDEDGE (HIGH CHANNEL)

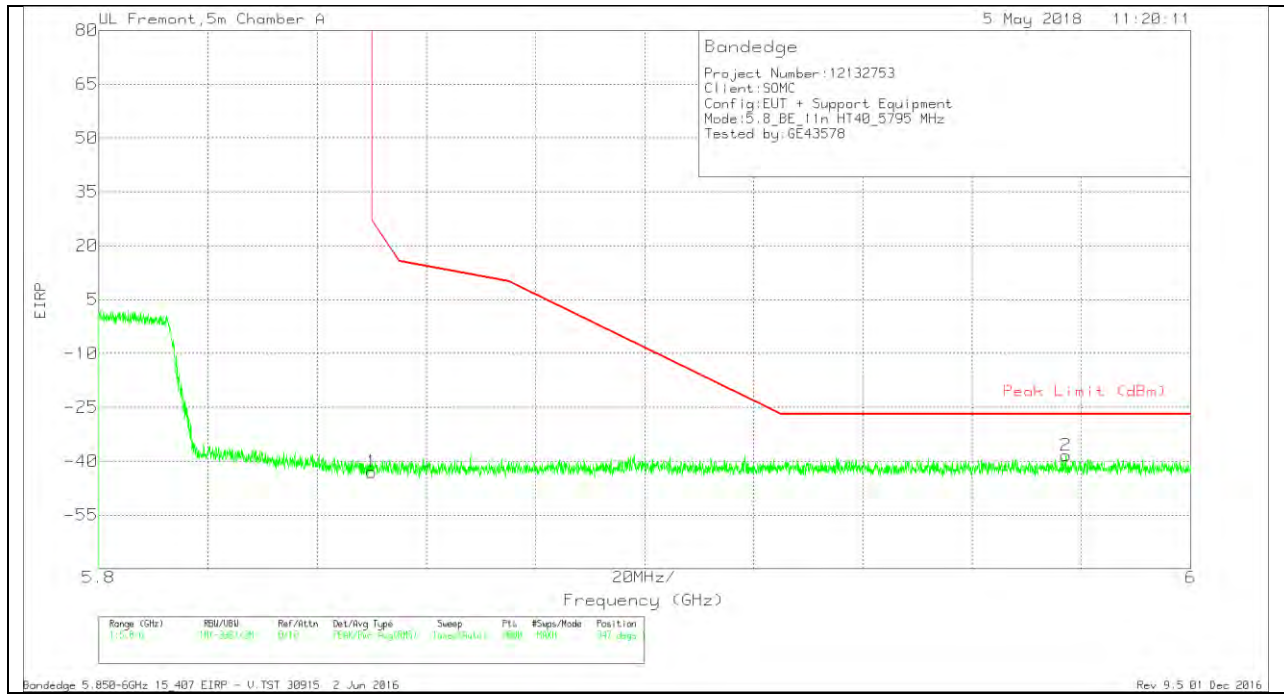
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.85	Pk	35.1	-18.3	11.8	-43.25	26.99	-70.24	299	344	H
2	5.955	-67.5	Pk	35.3	-18.1	11.8	-38.5	-27	-11.5	299	344	H

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

### VERTICAL RESULT

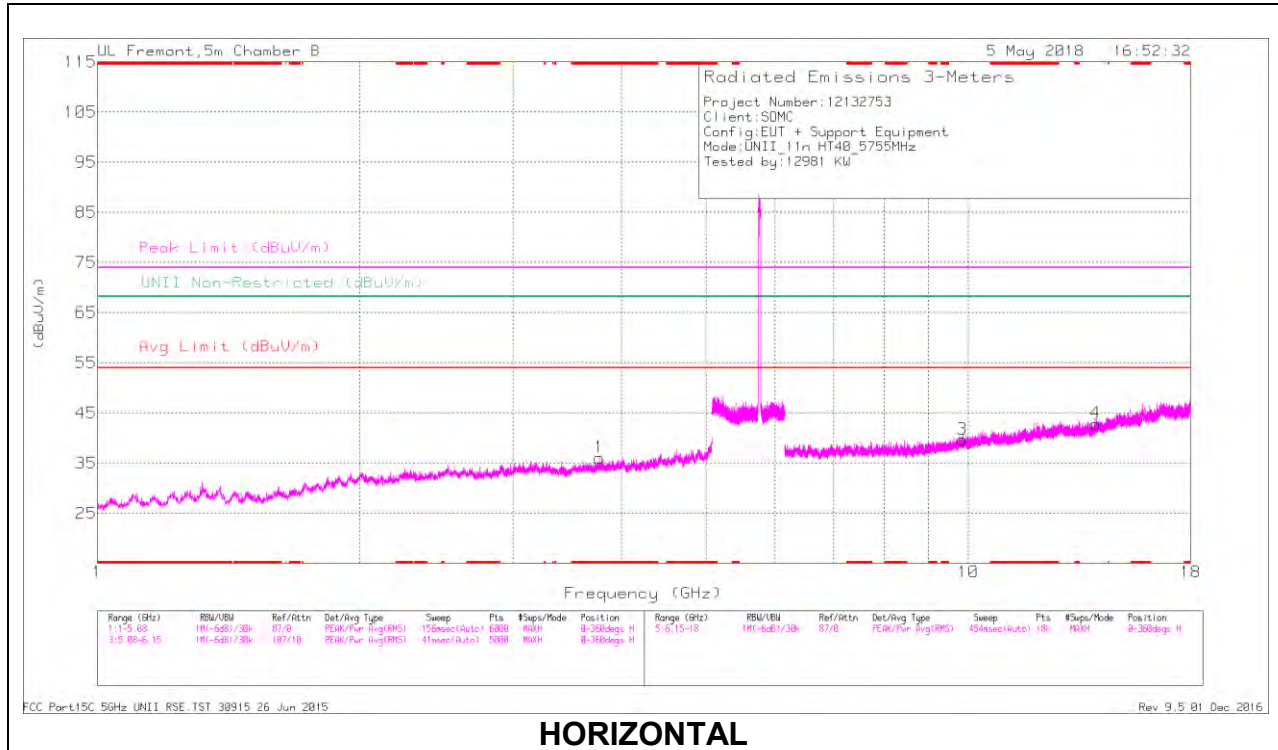


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.6	Pk	35.1	-18.3	11.8	-43	26.99	-69.99	347	139	V
2	5.977	-67.54	Pk	35.3	-18	11.8	-38.44	-27	-11.44	347	139	V

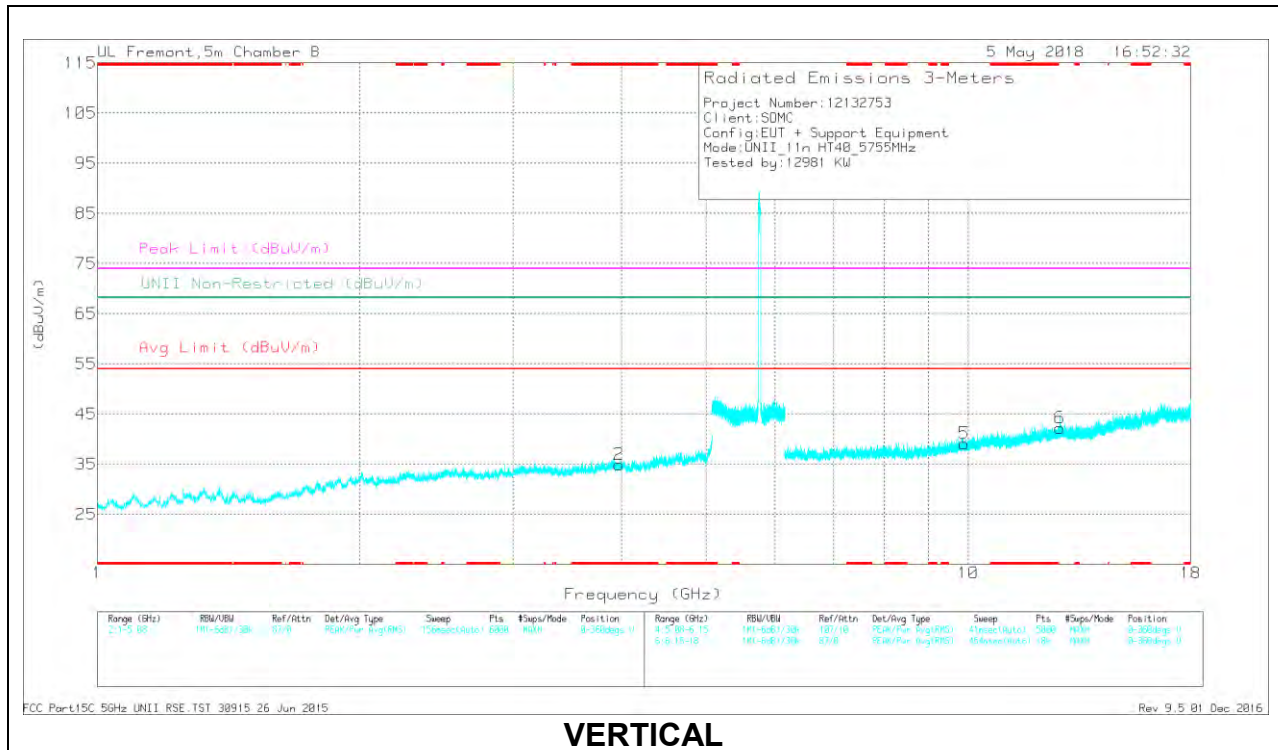
\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL RESULTS



**HORIZONTAL**



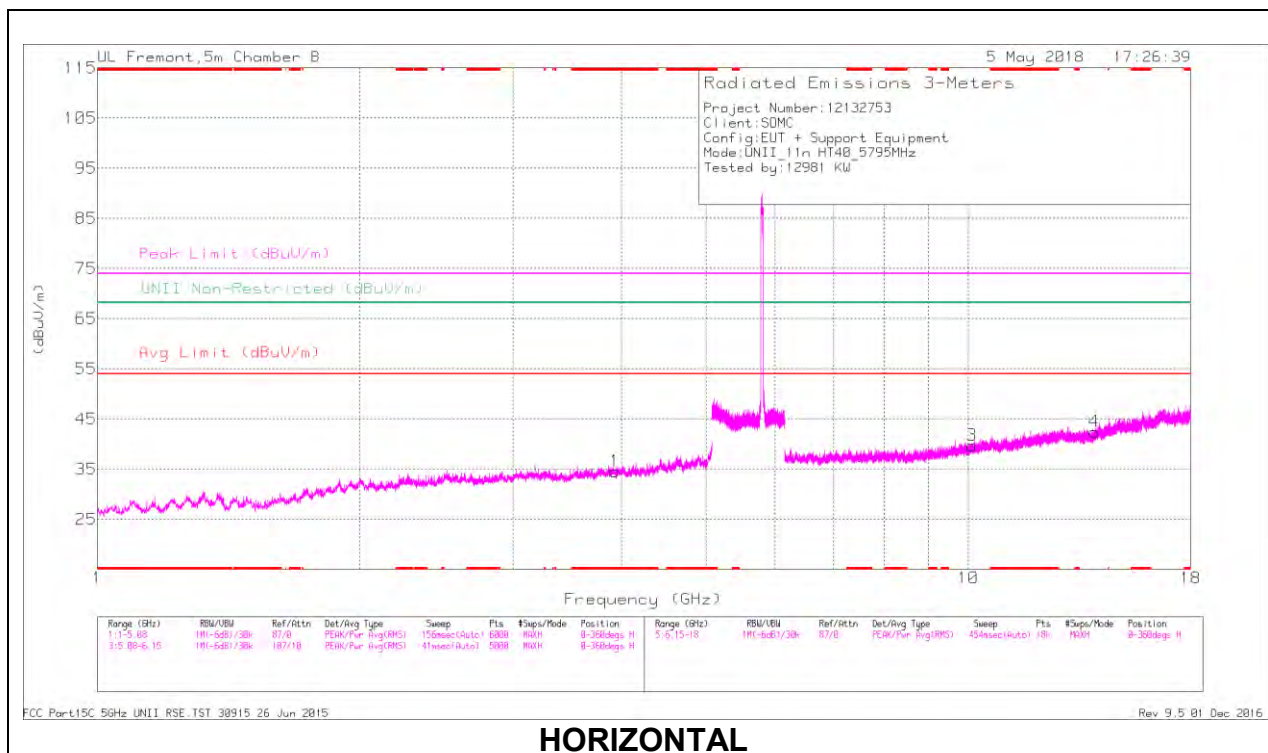
**VERTICAL**

**RADIATED EMISSIONS**

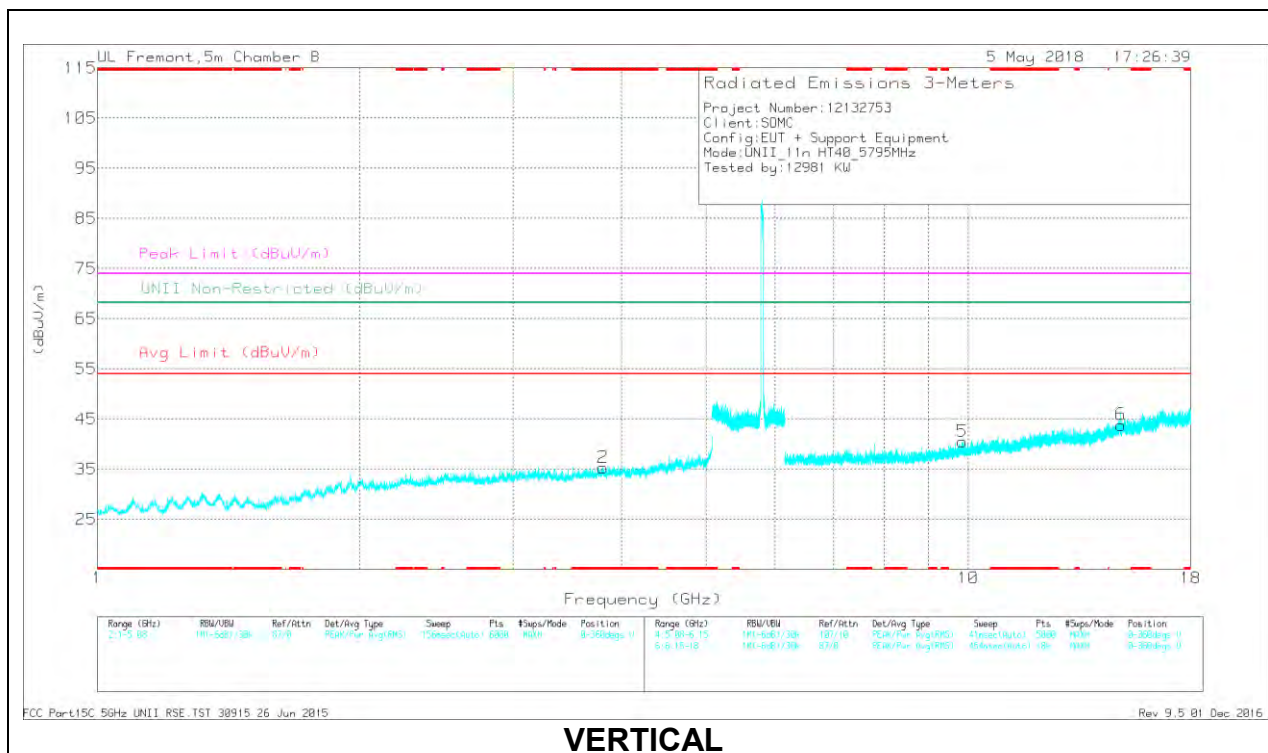
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.768	40.13	PK-U	33.4	-31.3	0	42.23	-	-	74	-31.77	-	-	60	250	H
	* 3.77	28.24	ADR	33.4	-31.4	.32	30.56	54	-23.44	-	-	-	-	60	250	H
2	* 3.975	39.75	PK-U	33.5	-30.7	0	42.55	-	-	74	-31.45	-	-	164	145	V
	* 3.974	27.61	ADR	33.5	-30.7	.32	30.73	54	-23.27	-	-	-	-	164	145	V
3	9.84	34.44	PK-U	37	-24.6	0	46.84	-	-	-	-	68.2	-21.36	78	174	H
5	9.894	34.68	PK-U	37	-25.3	0	46.38	-	-	-	-	68.2	-21.82	55	260	V
6	12.739	33.29	PK-U	39.4	-23.5	0	49.19	-	-	-	-	68.2	-19.01	226	207	V
4	14.003	33.26	PK-U	39.2	-23.4	0	49.06	-	-	-	-	68.2	-19.14	237	167	H

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

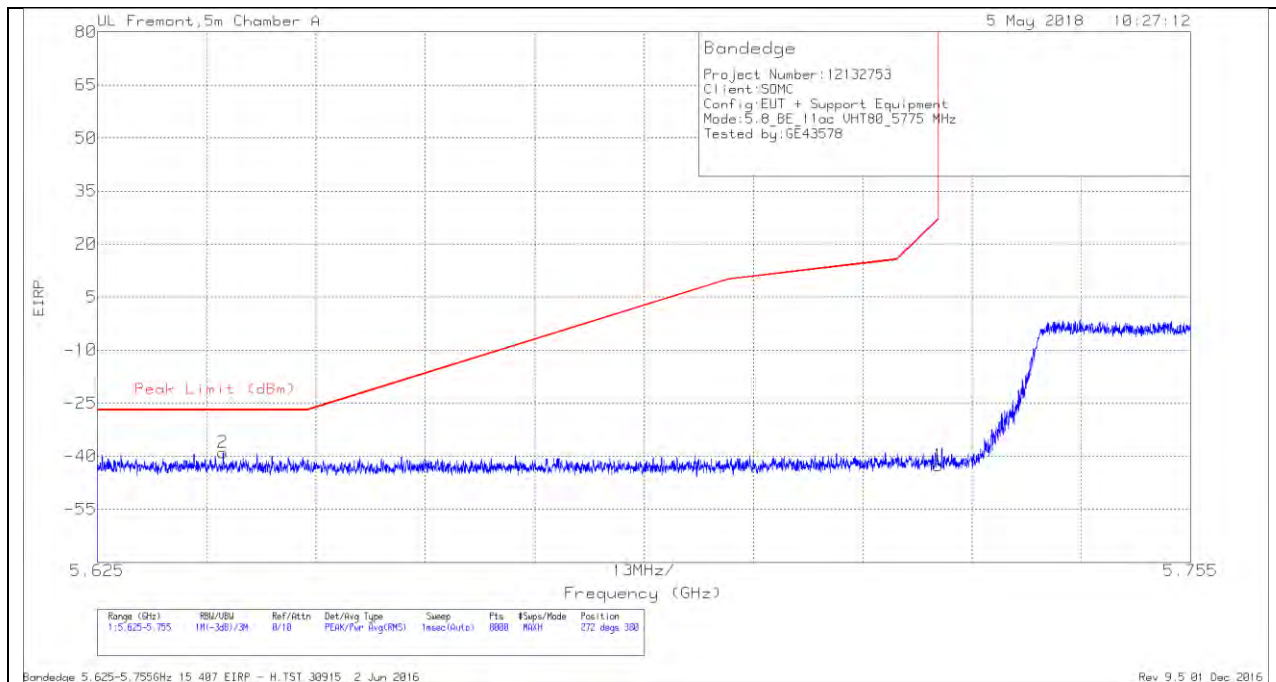


**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.927	38.97	PK-U	33.5	-31.1	0	41.37	-	-	74	-32.63	-	-	77	175	H
	* 3.929	27.83	ADR	33.5	-31.1	.32	30.55	54	-23.45	-	-	-	-	77	175	H
2	* 3.807	41.15	PK-U	33.5	-31.7	0	42.95	-	-	74	-31.05	-	-	164	264	V
	* 3.807	28.89	ADR	33.5	-31.8	.32	30.91	54	-23.09	-	-	-	-	164	264	V
5	9.838	34.5	PK-U	37	-24.6	0	46.9	-	-	-	-	68.2	-21.3	95	116	V
3	10.095	34.04	PK-U	37.3	-25.1	0	46.24	-	-	-	-	68.2	-21.96	134	125	H
4	13.951	33.4	PK-U	39.2	-23.4	0	49.2	-	-	-	-	68.2	-19	241	176	H
6	14.975	33.72	PK-U	40.6	-22.9	0	51.42	-	-	-	-	68.2	-16.78	322	195	V

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

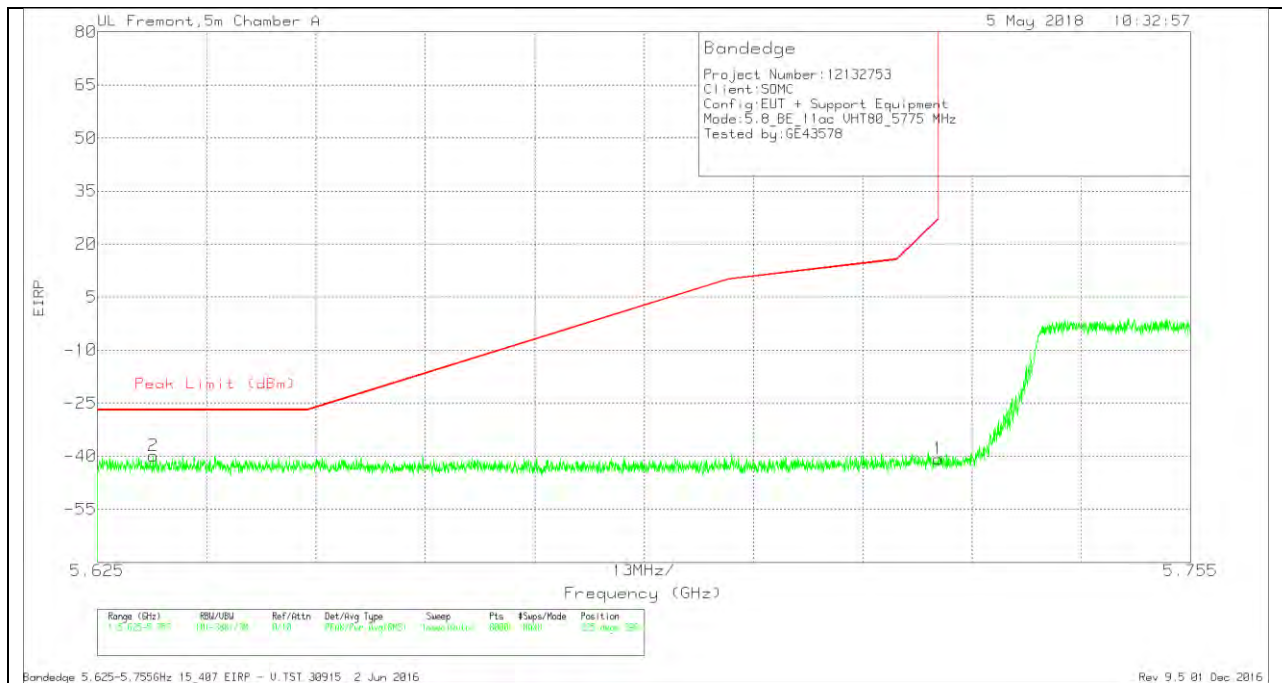
**10.1.16. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND**  
**BANDEDGE (CHANNEL 155 LOW EDGE)**  
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-67.41	Pk	35.1	-18.5	11.8	-39.01	-27	-12.01	272	380	H
1	5.725	-70.86	Pk	35	-18.5	11.8	-42.56	27	-69.56	272	380	H

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

### VERTICAL RESULT

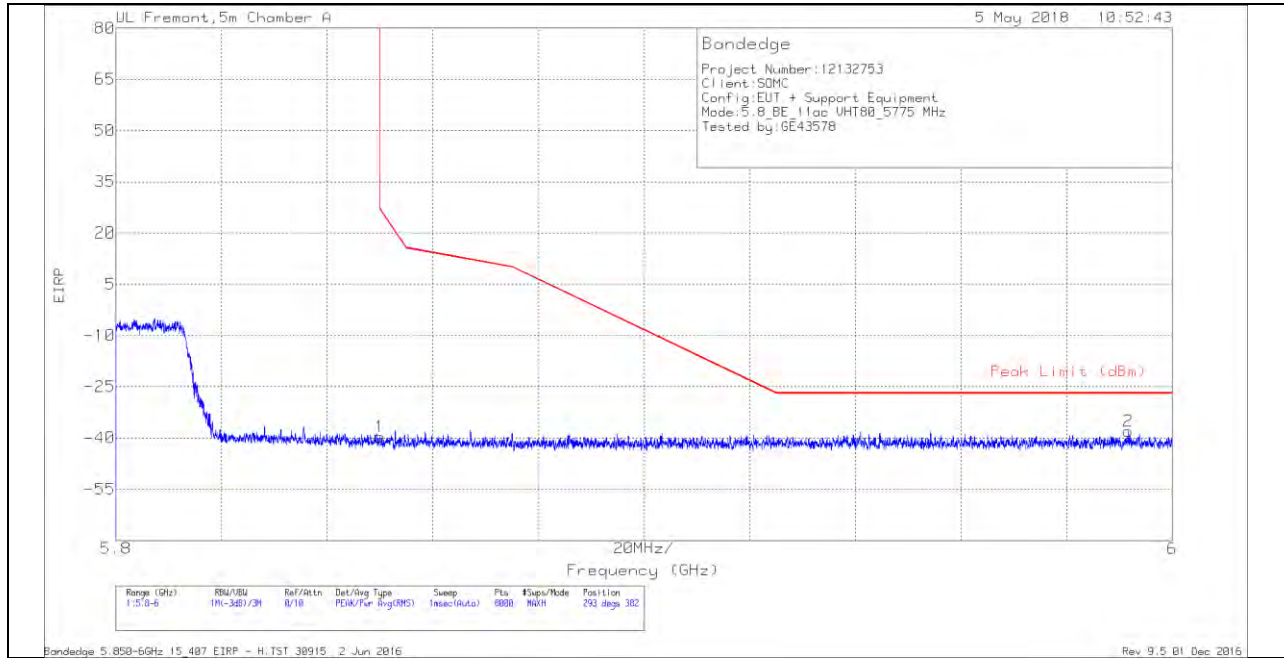


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632	-68.25	Pk	35.1	-18.5	11.8	-39.85	-27	-12.85	225	398	V
1	5.725	-69.16	Pk	35	-18.5	11.8	-40.86	27	-67.86	225	398	V

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

### BANDEDGE (CHANNEL 155 HIGH EDGE)

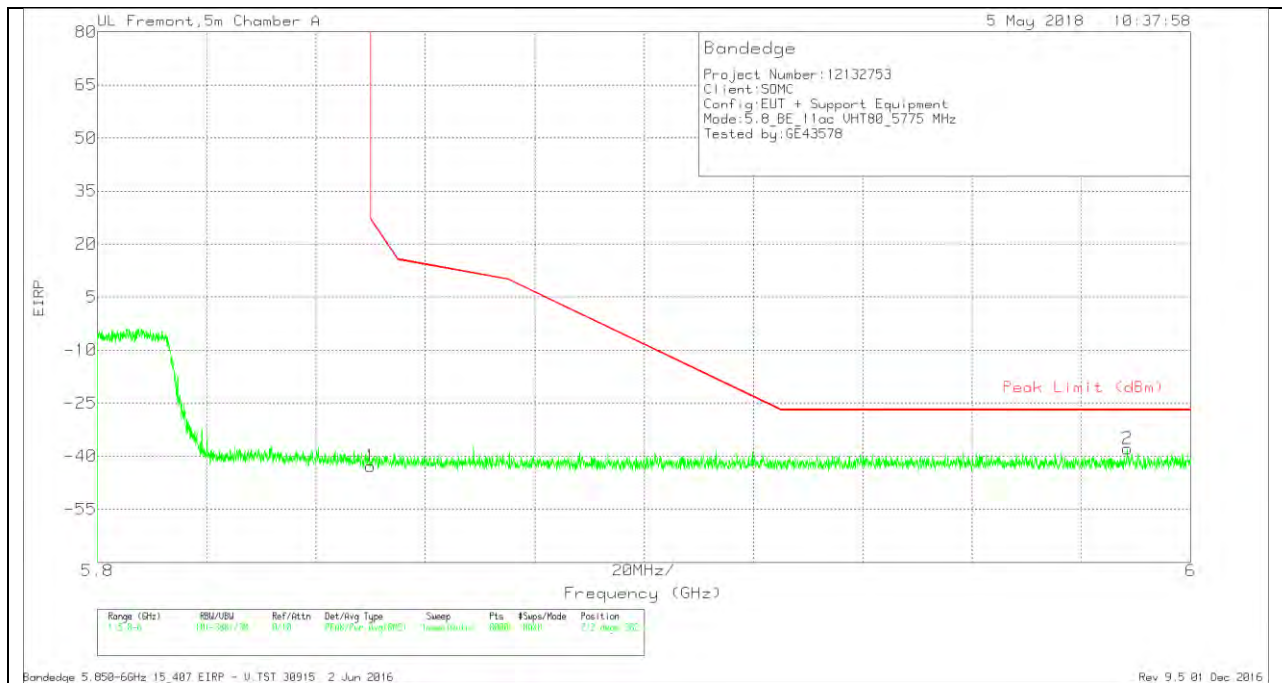
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.32	Pk	35.1	-18.3	11.8	-39.72	26.99	-66.71	293	382	H
2	5.992	-67.1	Pk	35.3	-18	11.8	-38	-27	-11	293	382	H

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

### VERTICAL RESULT

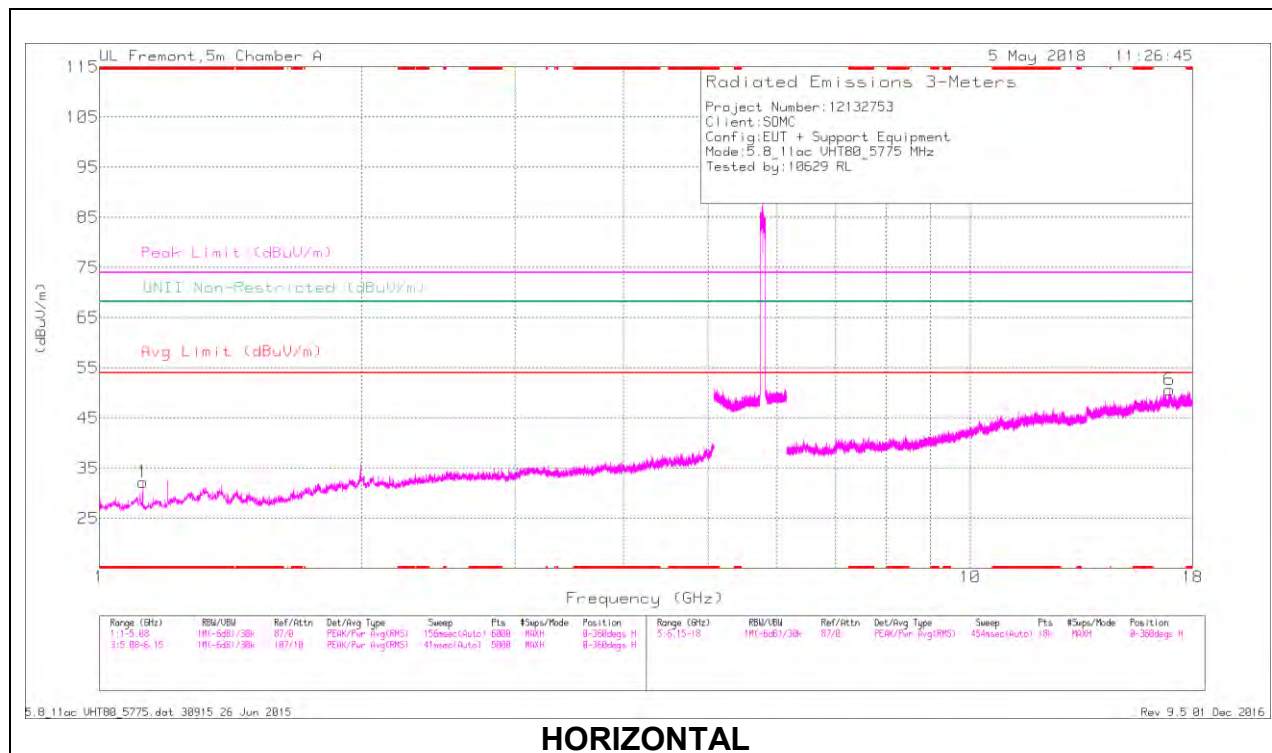


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-71.43	Pk	35.1	-18.3	11.8	-42.83	26.99	-69.82	212	382	V
2	5.988	-66.98	Pk	35.3	-18	11.8	-37.88	-27	-10.88	212	382	V

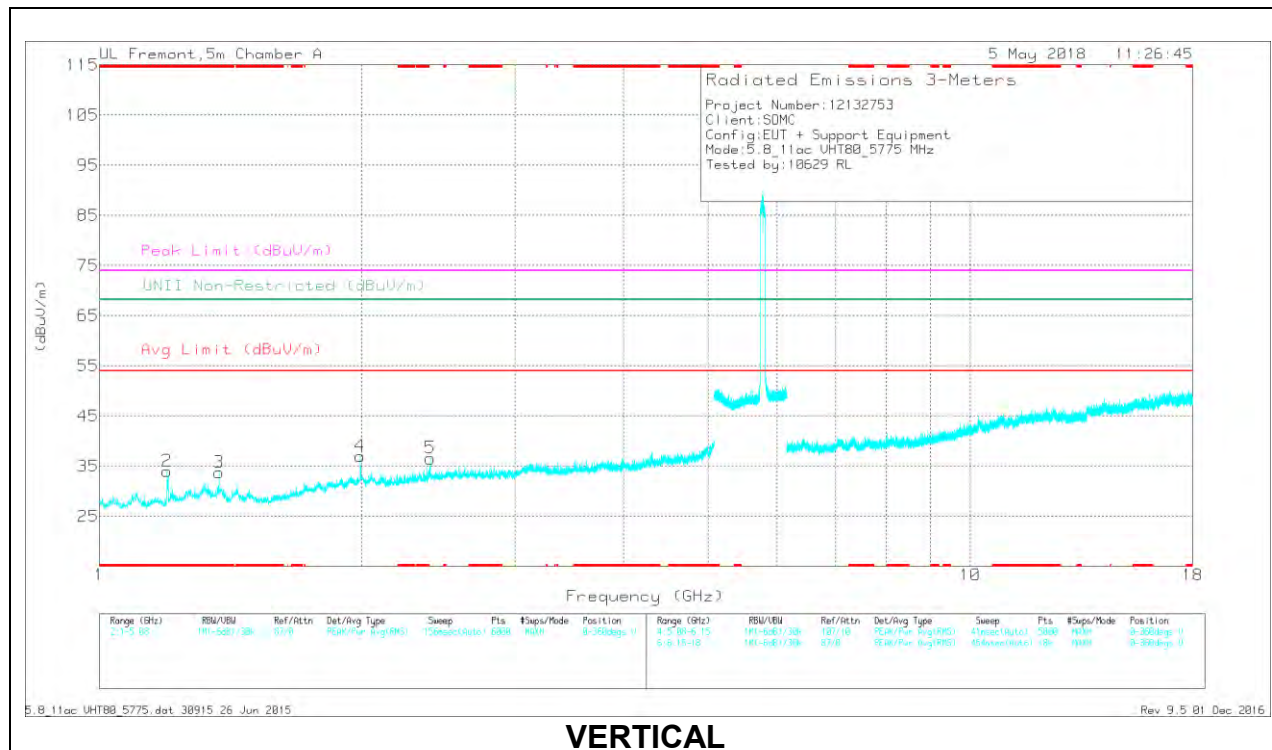
\* - indicates frequency in CFR47 Pt 15 Restricted Band  
 Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.121	42.89	PK-U	27.7	-32.2	0	38.39	-	-	74	-35.61	-	-	304	102	H
	* 1.104	28.56	ADR	27.8	-32	.62	24.98	54	-29.02	-	-	-	-	304	102	H
2	* 1.196	39.28	PK-U	28.2	-32.5	0	34.98	-	-	74	-39.02	-	-	242	127	V
	* 1.201	28	ADR	28.2	-32.5	.62	24.32	54	-29.68	-	-	-	-	242	127	V
3	* 1.37	40.1	PK-U	29.1	-31.4	0	37.8	-	-	74	-36.2	-	-	41	254	V
	* 1.374	28.34	ADR	29.1	-31.4	.62	26.66	54	-27.34	-	-	-	-	41	254	V
4	1.994	36.17	Pk	31.4	-30.6	0	36.97	-	-	-	-	68.2	-31.23	0-360	101	V
5	2.398	34.95	Pk	31.8	-30.2	0	36.55	-	-	-	-	68.2	-31.65	0-360	200	V
6	16.929	28.08	Pk	41.7	-19.1	0	50.68	-	-	-	-	68.2	-17.52	0-360	101	H

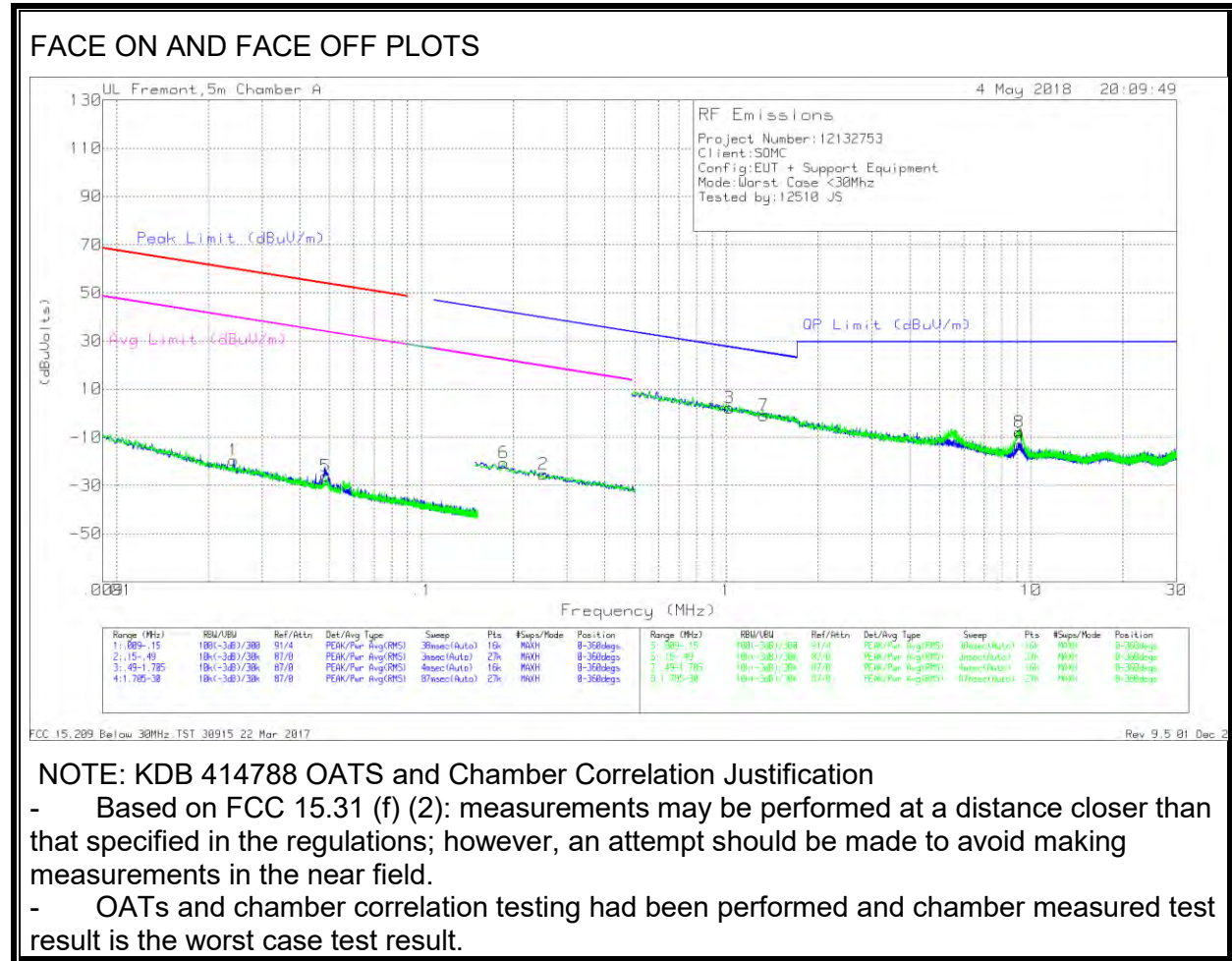
\* - indicates frequency in CFR47 Pt 15 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.2. WORST-CASE BELOW 30 MHz

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



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.02424	46.34	Pk	14	.1	-80	-19.56	59.9	-79.46	39.9	-59.46	-	-	-	-	0-360
5	.04848	41.77	Pk	11.9	.1	-80	-26.23	53.87	-80.1	33.87	-60.1	-	-	-	-	0-360
6	.18632	48.32	Pk	11	.1	-80	-20.58	-	-	-	-	42.21	-62.79	22.21	-42.79	0-360
2	.25128	43.67	Pk	10.9	.1	-80	-25.33	-	-	-	-	39.61	-64.94	19.61	-44.94	0-360

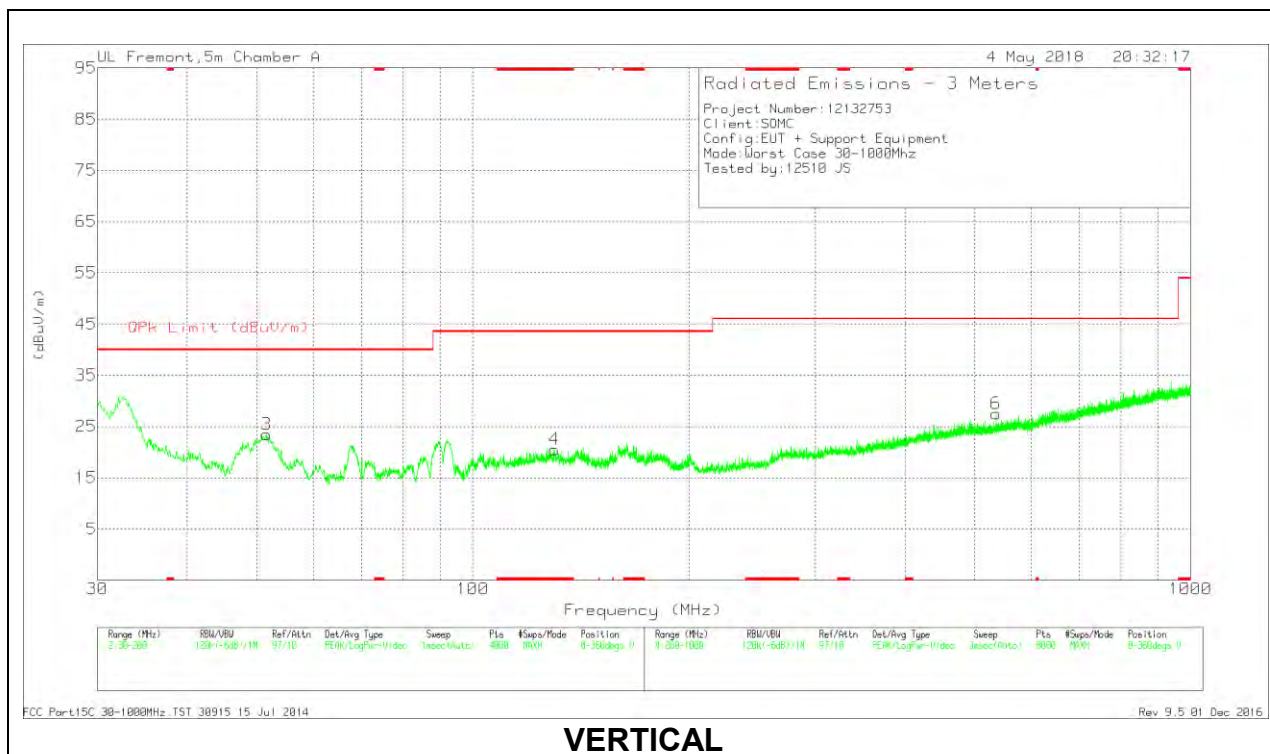
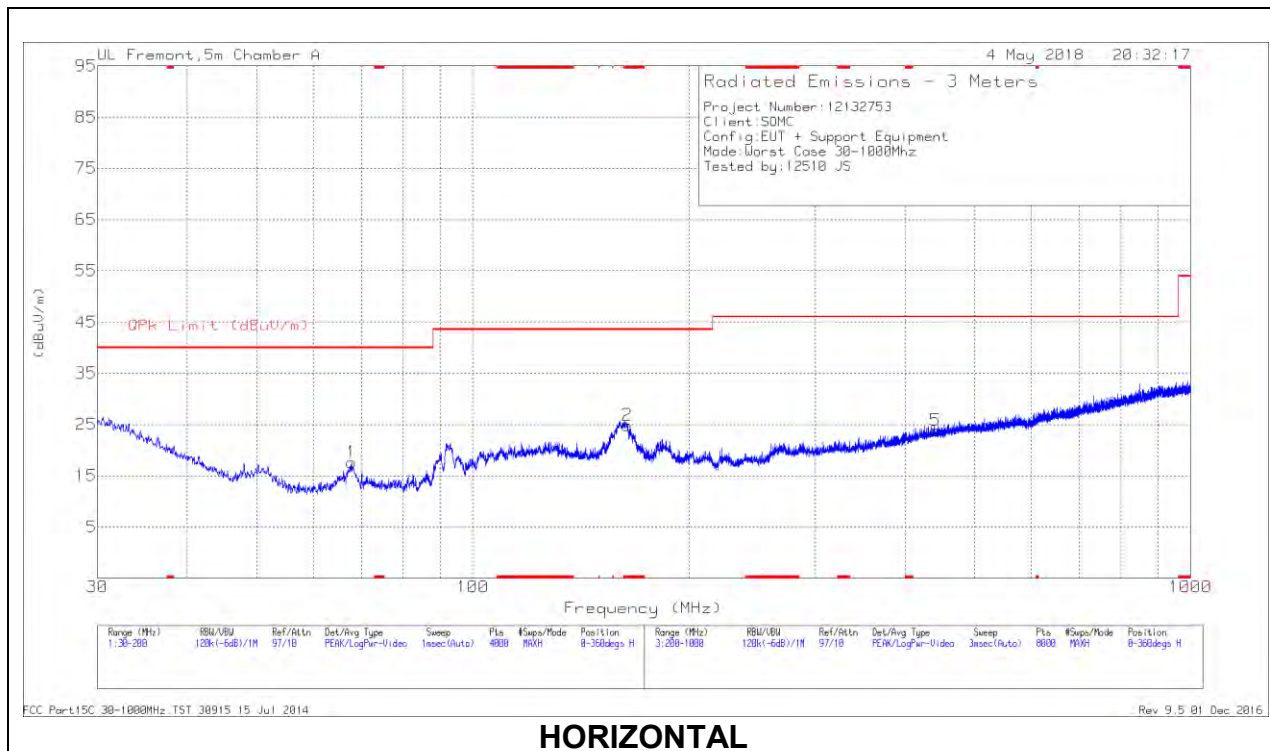
#### Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	1.02261	30.83	Pk	11.3	.2	-40	2.33	27.43	-25.1	-	-	-	-	0-360
7	1.32706	27.59	Pk	11.3	.2	-40	-.91	25.17	-26.08	-	-	-	-	0-360
8	9.14161	20.72	Pk	10.9	.5	-40	-7.88	29.5	-37.38	-	-	-	-	0-360
4	9.15209	15.35	Pk	10.9	.5	-40	-13.25	29.5	-42.75	-	-	-	-	0-360

#### Pk - Peak detector



### 10.3. Worst Case Below 1 GHz



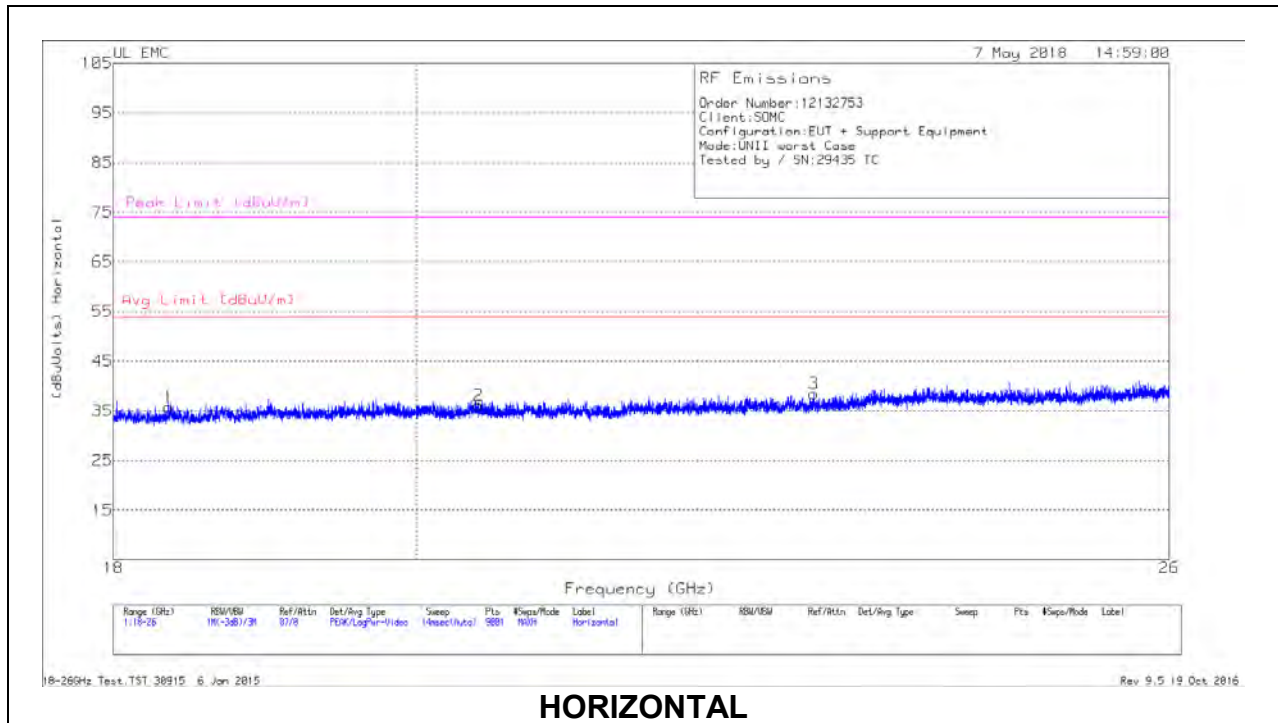
**Below 1GHz DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 164.1222	34.58	Pk	16	-25.7	24.88	43.52	-18.64	0-360	200	H
4	* 129.9859	28.52	Pk	18	-26	20.52	43.52	-23	0-360	100	V
3	51.5531	39.13	Pk	11.3	-27	23.43	40	-16.57	0-360	100	V
1	67.7923	32.31	Pk	12.1	-26.8	17.61	40	-22.39	0-360	200	H
5	440.9313	28.29	Pk	20.7	-25.2	23.79	46.02	-22.23	0-360	400	H
6	536.1437	30.74	Pk	22	-25.2	27.54	46.02	-18.48	0-360	300	V

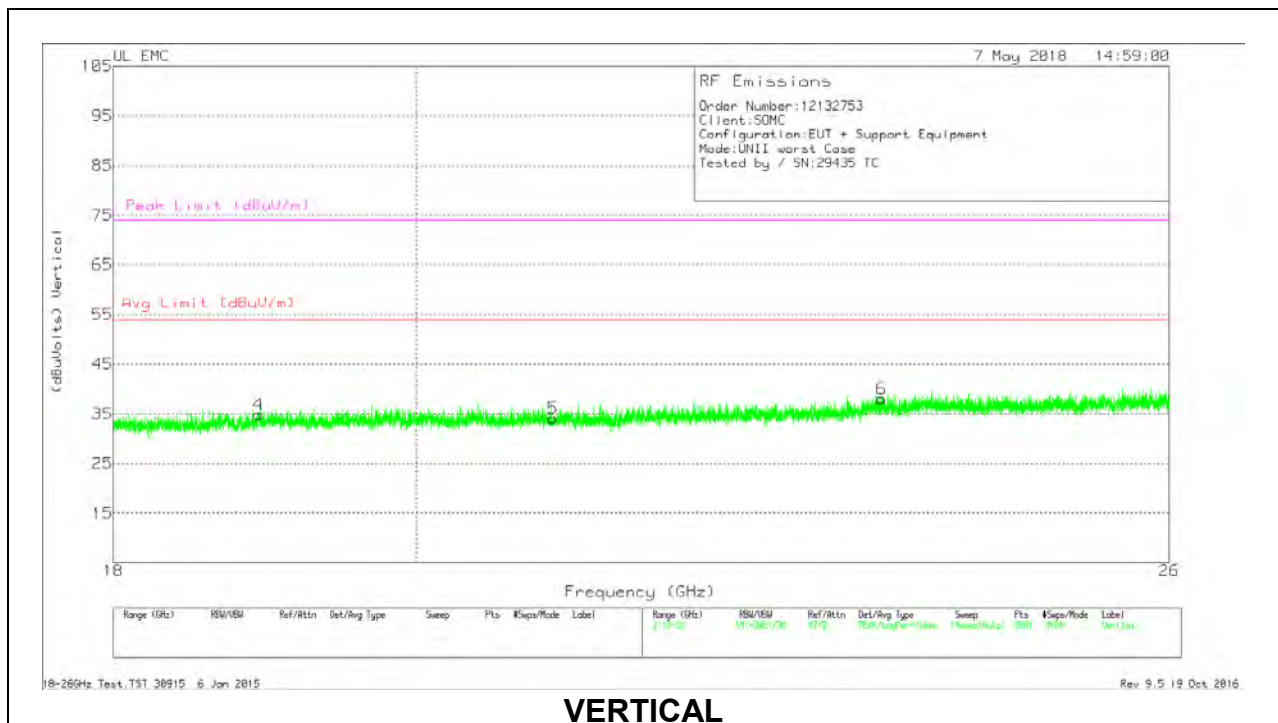
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

### 10.4. Worst Case 18-26 GHz



**HORIZONTAL**



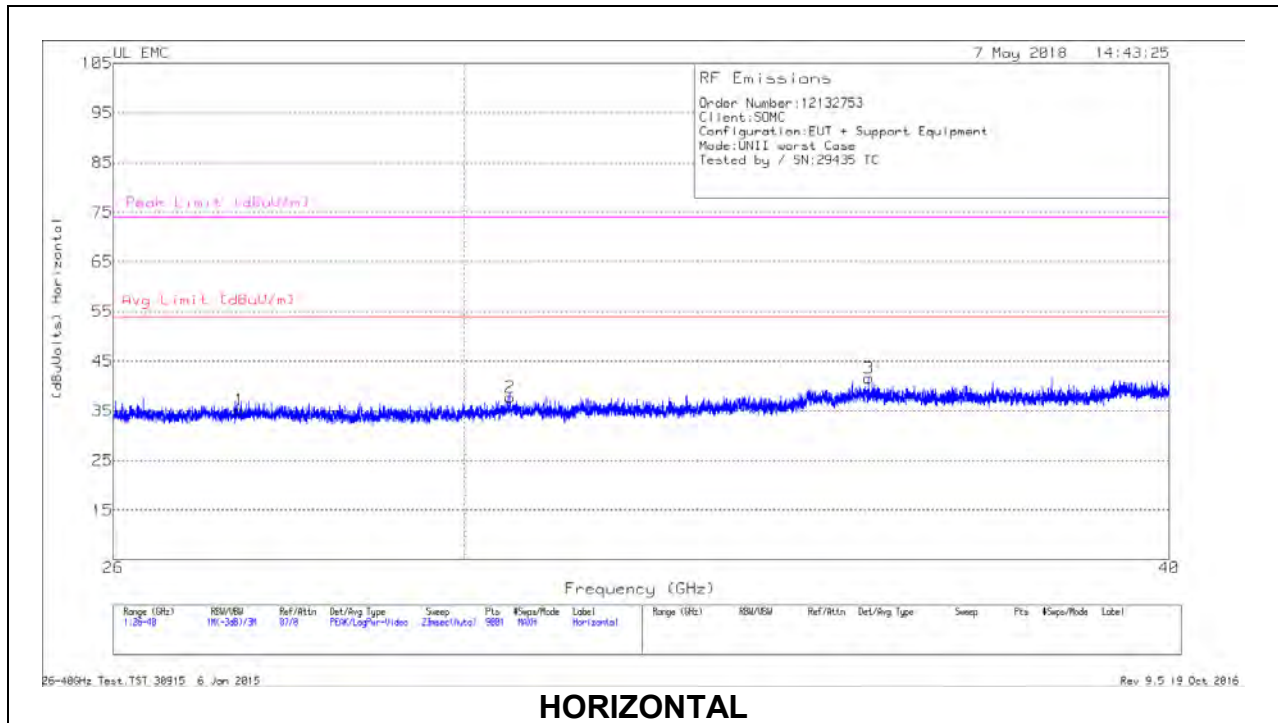
**VERTICAL**

**18 – 26GHz DATA**

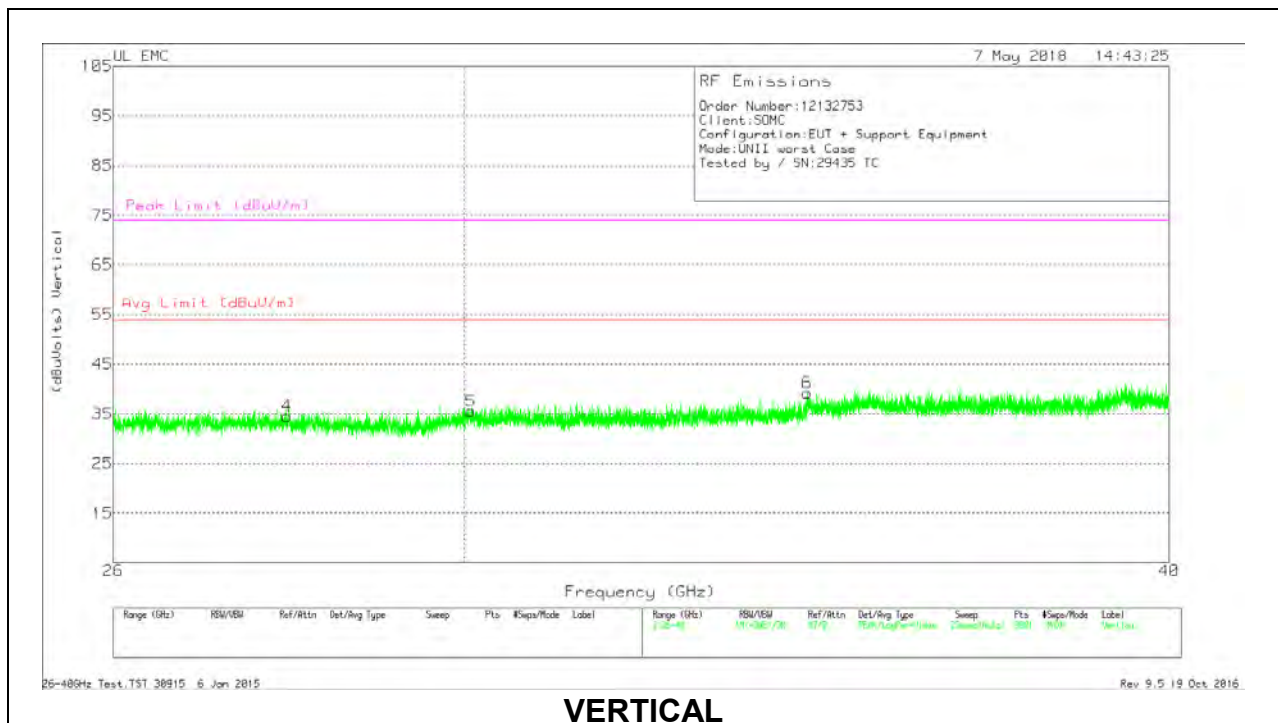
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.351	38.19	Pk	32.3	-25.2	-9.5	35.79	54	-18.21	74	-38.21
2	20.442	37.74	Pk	33.1	-25.2	-9.5	36.14	54	-17.86	74	-37.86
3	22.973	39.45	Pk	33.6	-25.1	-9.5	38.45	54	-15.55	74	-35.55
4	18.933	37.18	Pk	32.4	-25.2	-9.5	34.88	54	-19.12	74	-39.12
5	20.976	36.09	Pk	33.2	-25.7	-9.5	34.09	54	-19.91	74	-39.91
6	23.522	38.22	Pk	34	-24.7	-9.5	38.02	54	-15.98	74	-35.98

Pk - Peak detector

### 10.5. Worst Case 26-40 GHz



**HORIZONTAL**



**VERTICAL**

**26 – 40GHz DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	27.374	42.99	Pk	35.7	-34	-9.5	35.19	54	-18.81	74	-38.81
2	30.566	42.76	Pk	36	-31.5	-9.5	37.76	54	-16.24	74	-36.24
3	35.383	44.39	Pk	37.8	-31.1	-9.5	41.59	54	-12.41	74	-32.41
4	27.907	41.41	Pk	35.8	-33.2	-9.5	34.51	54	-19.49	74	-39.49
5	30.082	40.45	Pk	35.9	-31.3	-9.5	35.55	54	-18.45	74	-38.45
6	34.509	42.51	Pk	37.5	-31.3	-9.5	39.21	54	-14.79	74	-34.79

Pk - Peak detector