

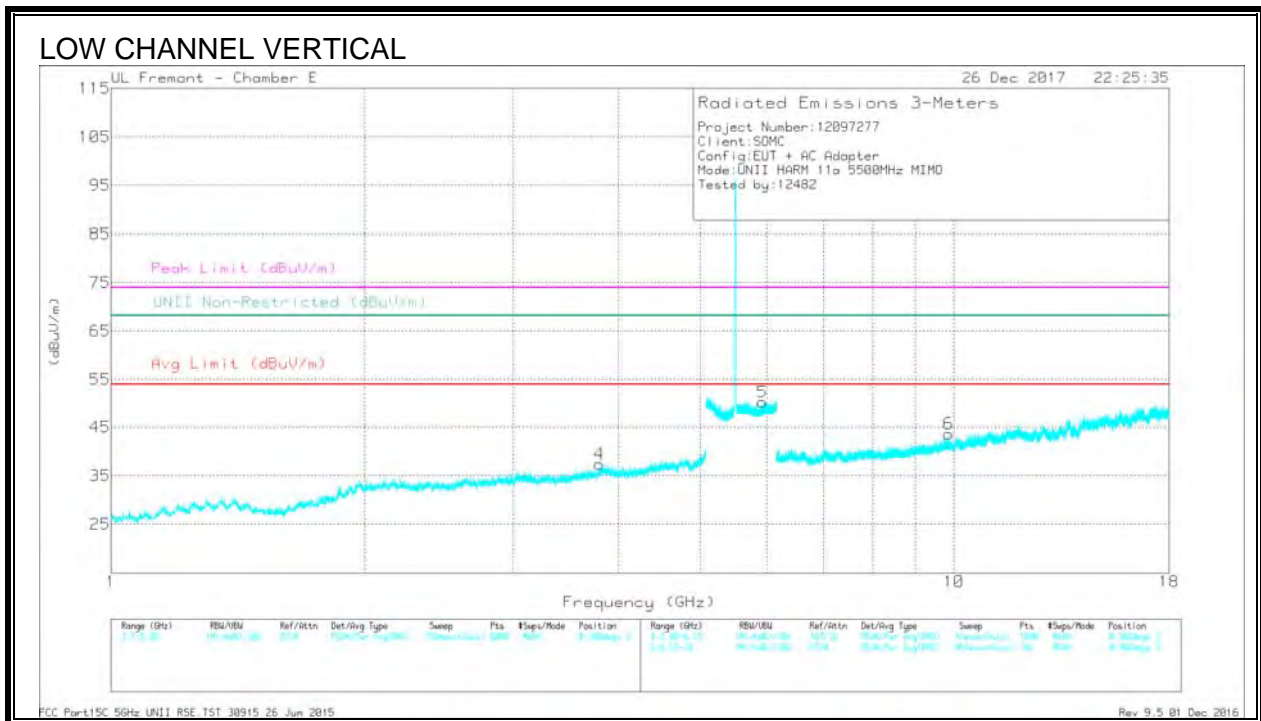
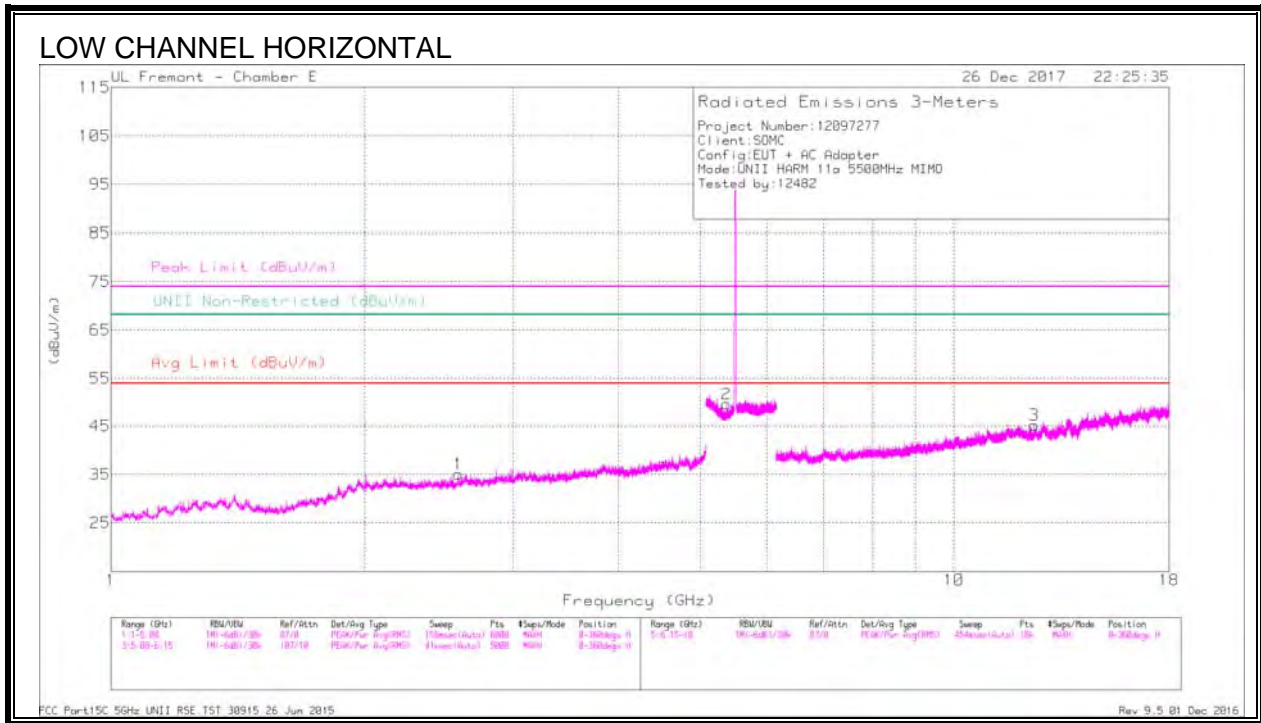


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.95	Pk	34.8	-17.2	0	52.55	68.2	-15.65	12	292	V
2	5.803	39.8	Pk	34.7	-17.4	0	57.1	68.2	-11.1	12	292	V

Pk - Peak detector

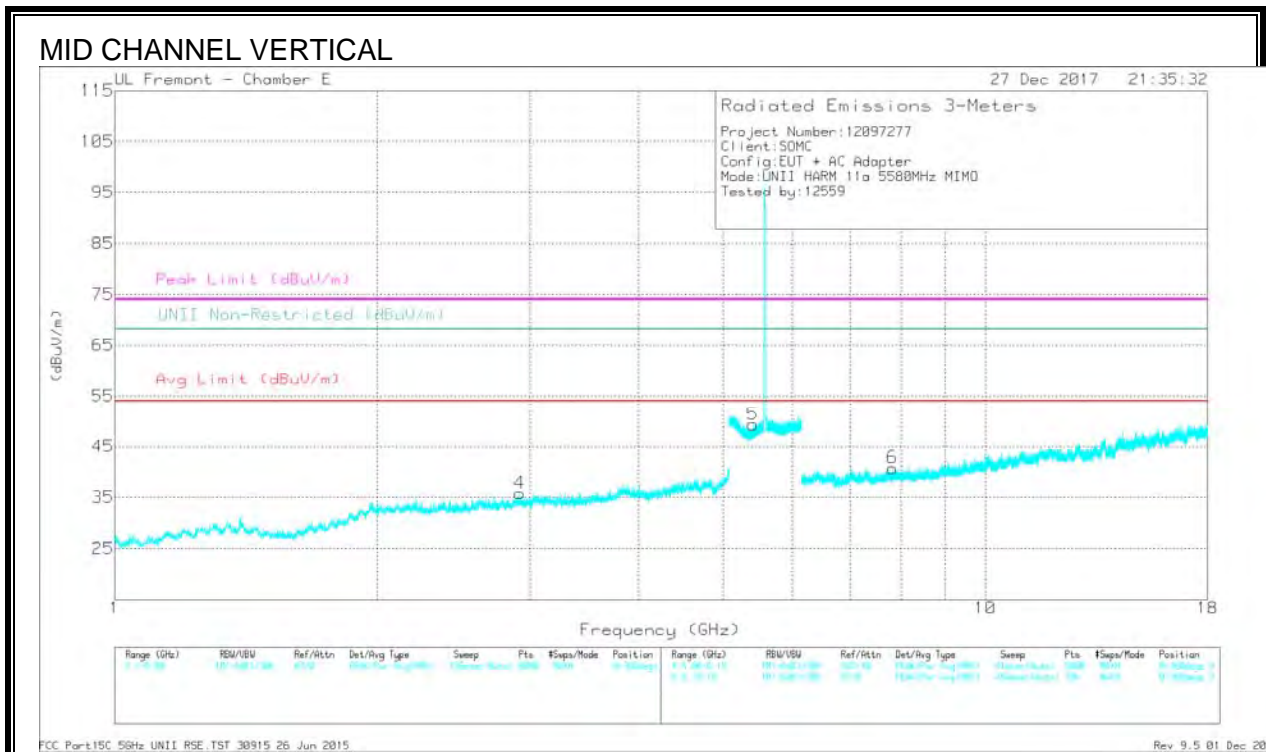
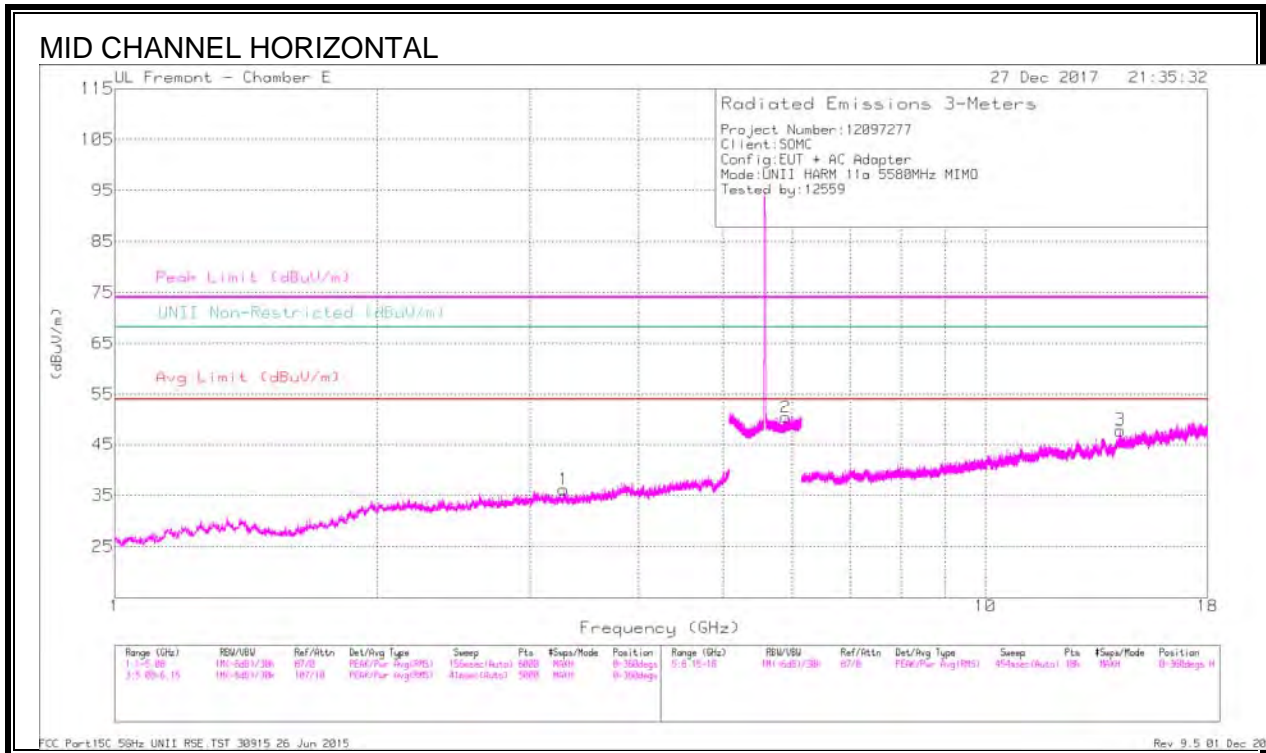
**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 3.795	39.61	PK-U	33.6	-30	0	43.21	-	-	74	-30.79	-	-	162	292	V
	* 3.795	28	ADR	33.6	-30	0	31.6	54	-22.4	-	-	-	-	162	292	V
2	* 5.375	38.23	PK-U	35	-18.9	0	54.33	-	-	74	-19.67	-	-	323	187	H
	* 5.377	26.87	ADR	35	-18.9	0	42.97	54	-11.03	-	-	-	-	323	187	H
3	* 12.454	35.71	PK-U	38.8	-23.2	0	51.31	-	-	74	-22.69	-	-	4	352	H
	* 12.455	23.55	ADR	38.8	-23.2	0	39.15	54	-14.85	-	-	-	-	4	352	H
1	2.58	39.95	PK-U	32.1	-31.6	0	40.45	-	-	-	-	68.2	-27.75	34	121	H
5	5.925	39.84	PK-U	35.2	-18.8	0	56.24	-	-	-	-	68.2	-11.96	9	100	V
6	9.857	34.79	PK-U	37.6	-24.7	0	47.69	-	-	-	-	68.2	-20.51	150	301	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



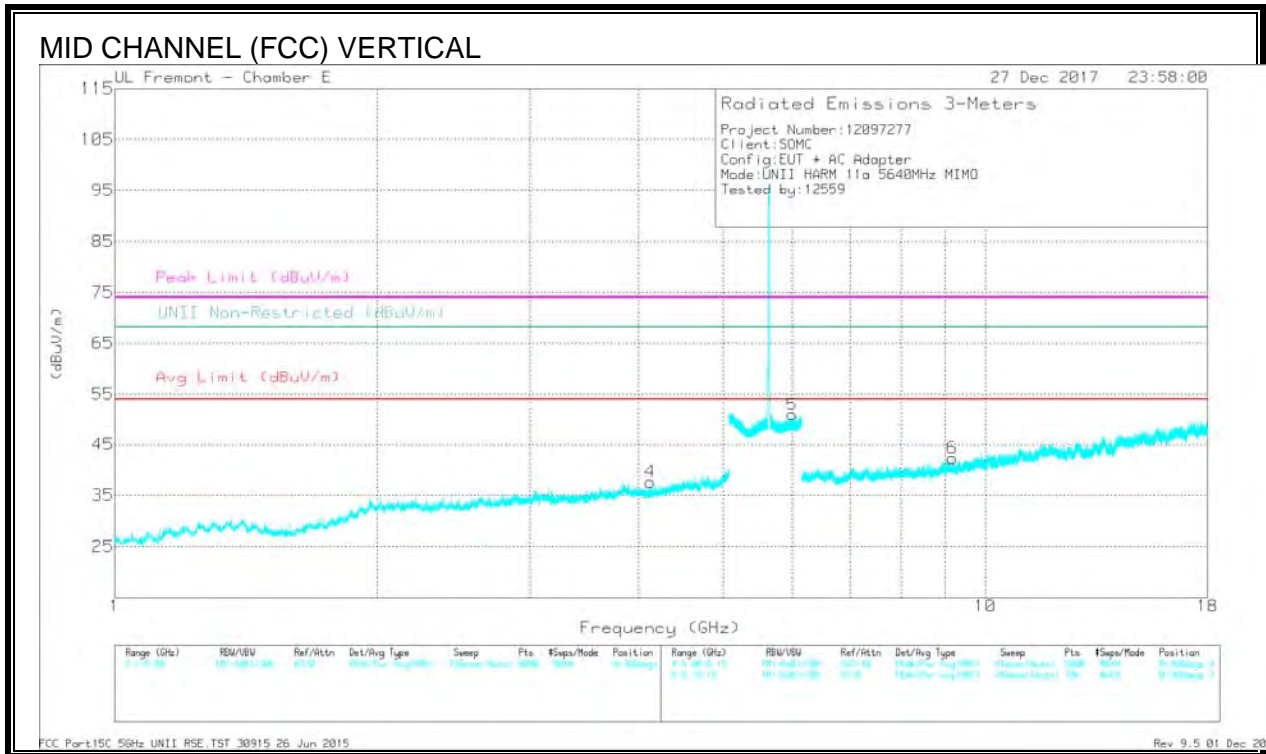
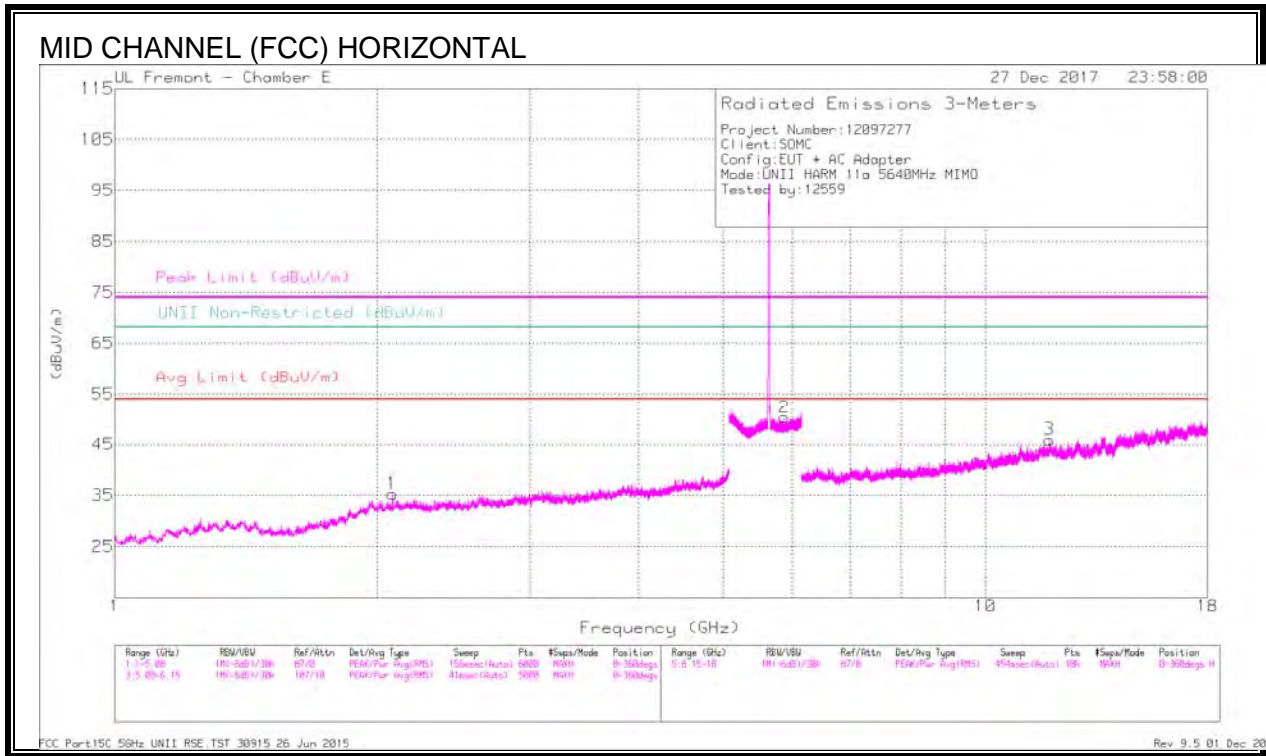
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 5.409	38.53	PK-U	35	-18.9	0	54.63	-	-	74	-19.37	-	-	155	289	V
	* 5.409	27	ADR	35	-18.9	0	43.1	54	-10.9	-	-	-	-	155	289	V
4	2.92	39.69	PK-U	32.8	-31.2	0	41.29	-	-	-	-	68.2	-26.91	102	110	V
1	3.276	39.59	PK-U	32.9	-30.4	0	42.09	-	-	-	-	68.2	-26.11	213	167	H
2	5.901	39.24	PK-U	35.2	-18.8	0	55.64	-	-	-	-	68.2	-12.56	144	209	H
6	7.82	36.95	PK-U	36.5	-26.3	0	47.15	-	-	-	-	68.2	-21.05	59	151	V
3	14.295	36.31	PK-U	39.8	-22.6	0	53.51	-	-	-	-	68.2	-14.69	100	379	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

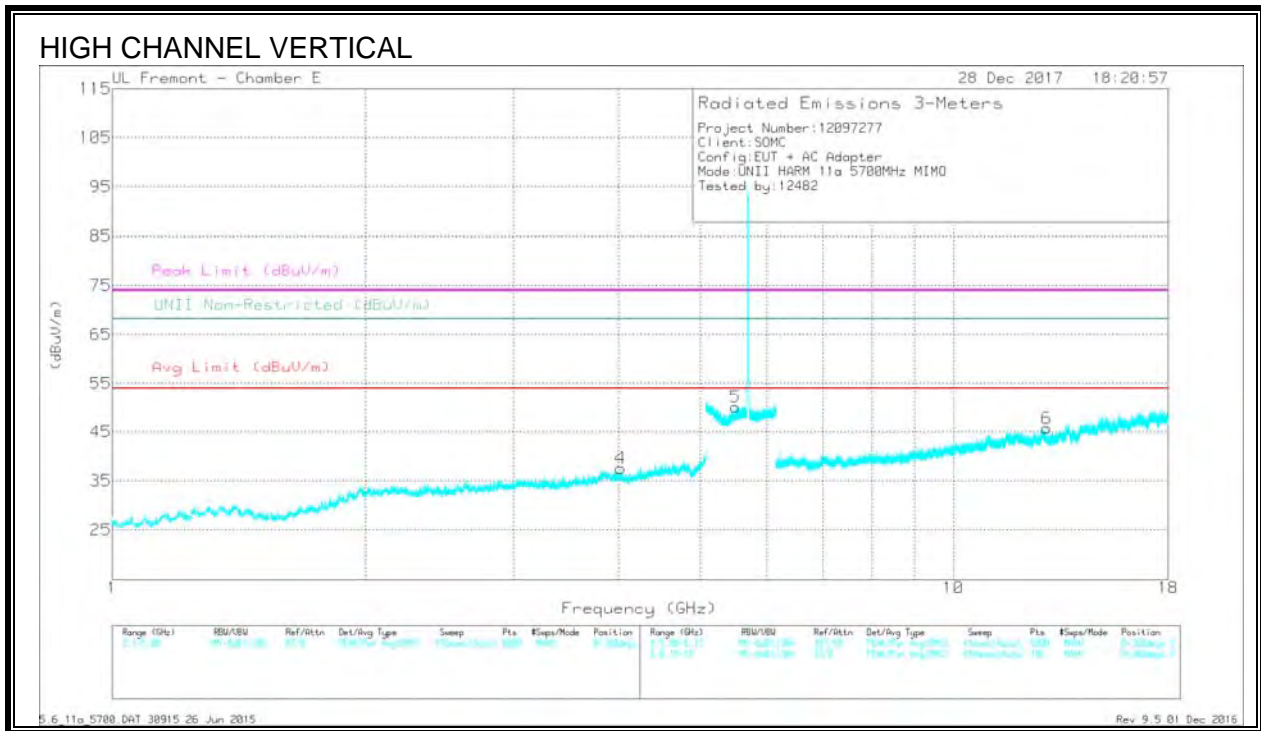
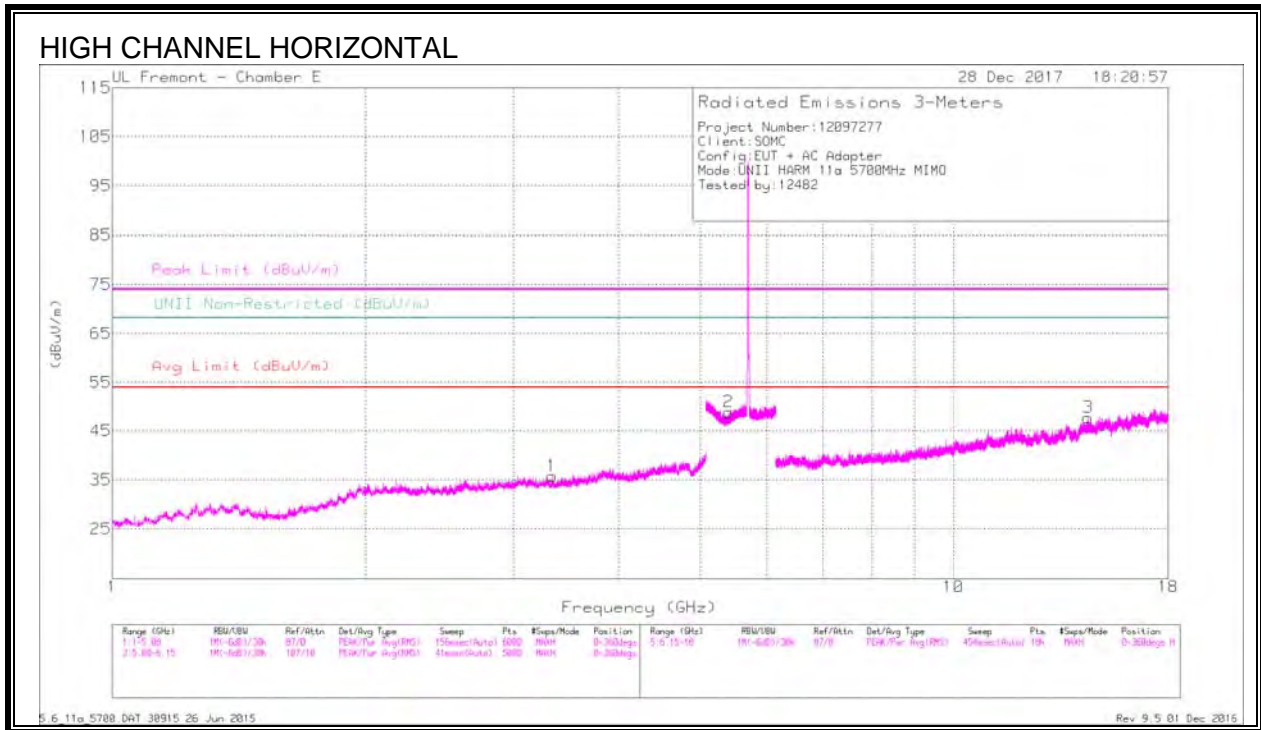




Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.123	39.72	PK-U	33.6	-30.1	0	43.22	-	-	74	-30.78	-	-	307	325	V
	* 4.126	27.84	ADR	33.6	-30.1	0	31.34	54	-22.66	-	-	-	-	307	325	V
3	* 11.852	34.28	PK-U	39.4	-23.1	0	50.58	-	-	74	-23.42	-	-	356	103	H
	* 11.852	23.23	ADR	39.4	-23.1	0	39.53	54	-14.47	-	-	-	-	356	103	H
6	* 9.162	35.87	PK-U	37.1	-25.4	0	47.57	-	-	74	-26.43	-	-	55	103	V
	* 9.162	24.12	ADR	37.1	-25.4	0	35.82	54	-18.18	-	-	-	-	55	103	V
1	2.082	41.84	PK-U	32.1	-33.2	0	40.74	-	-	-	-	68.2	-27.46	268	326	H
2	5.877	39.66	PK-U	35.2	-19	0	55.86	-	-	-	-	68.2	-12.34	93	362	H
5	6.005	39.6	PK-U	35.4	-18.5	0	56.5	-	-	-	-	68.2	-11.7	2	300	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





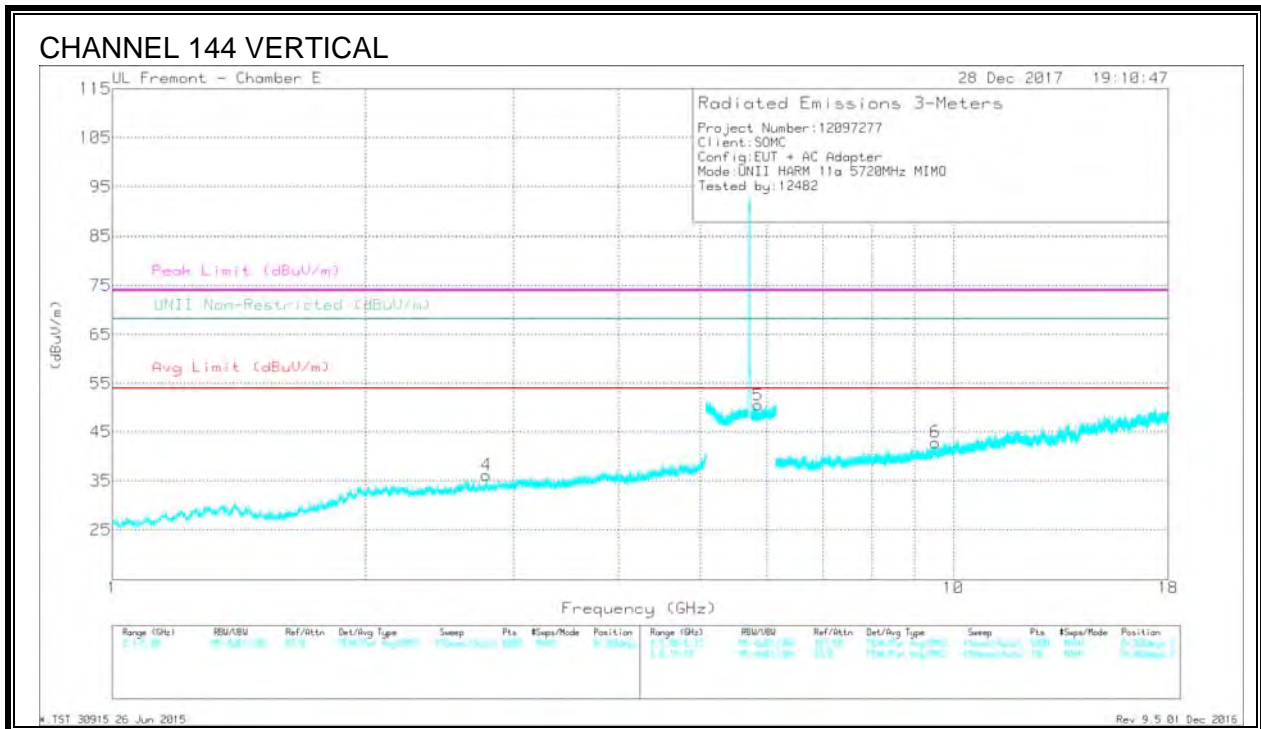
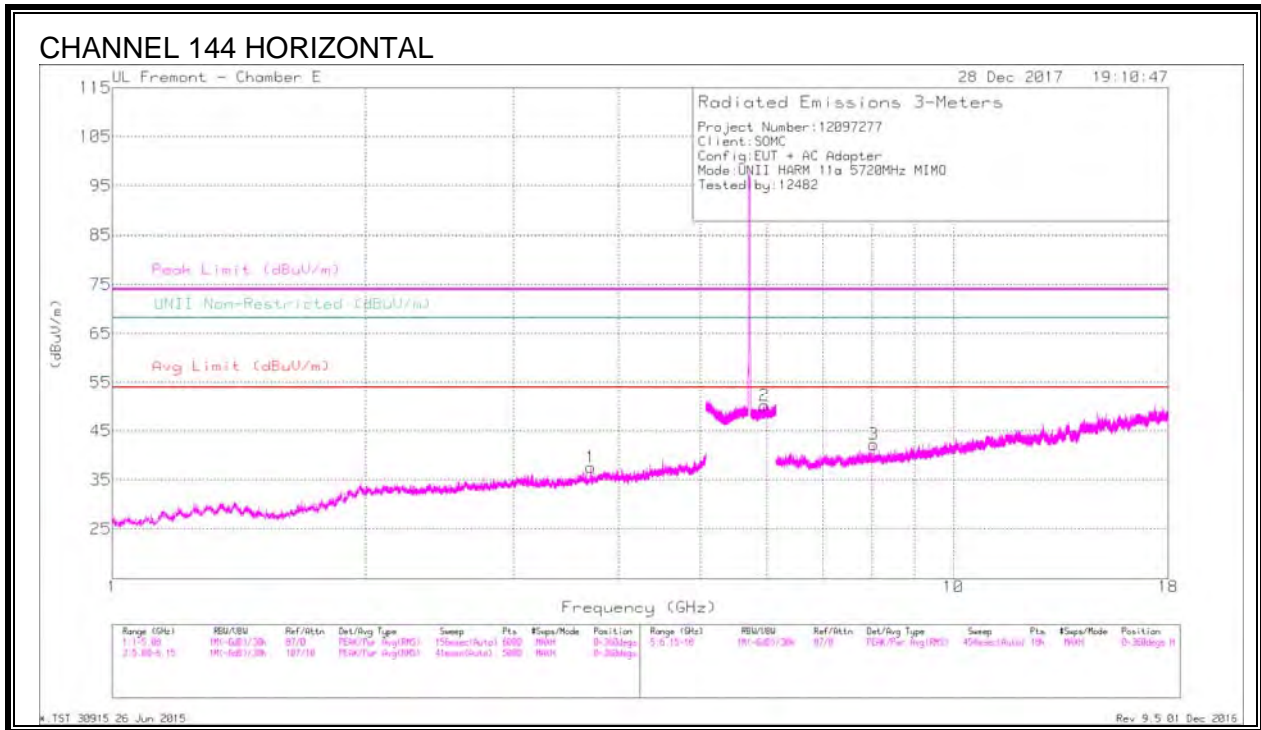
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 3.334	39.29	PK-U	32.9	-30.9	0	41.29	-	-	74	-32.71	-	-	356	356	H
	* 3.336	27.72	ADR	32.9	-30.9	0	29.72	54	-24.28	-	-	-	-	356	356	H
4	* 4.021	38.61	PK-U	33.7	-29.2	0	43.11	-	-	74	-30.89	-	-	252	228	V
	* 4.022	26.88	ADR	33.7	-29.2	0	31.38	54	-22.62	-	-	-	-	252	228	V
2	* 5.409	38.63	PK-U	35	-18.9	0	54.73	-	-	74	-19.27	-	-	75	260	H
	* 5.409	26.89	ADR	35	-18.9	0	42.99	54	-11.01	-	-	-	-	75	260	H
5	5.505	39.64	PK-U	35.1	-19	0	55.74	-	-	-	-	68.2	-12.46	114	183	V
6	12.91	35.18	PK-U	39.5	-24.4	0	50.28	-	-	-	-	68.2	-17.92	303	201	V
3	14.451	35.2	PK-U	40.6	-23.4	0	52.4	-	-	-	-	68.2	-15.8	273	292	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



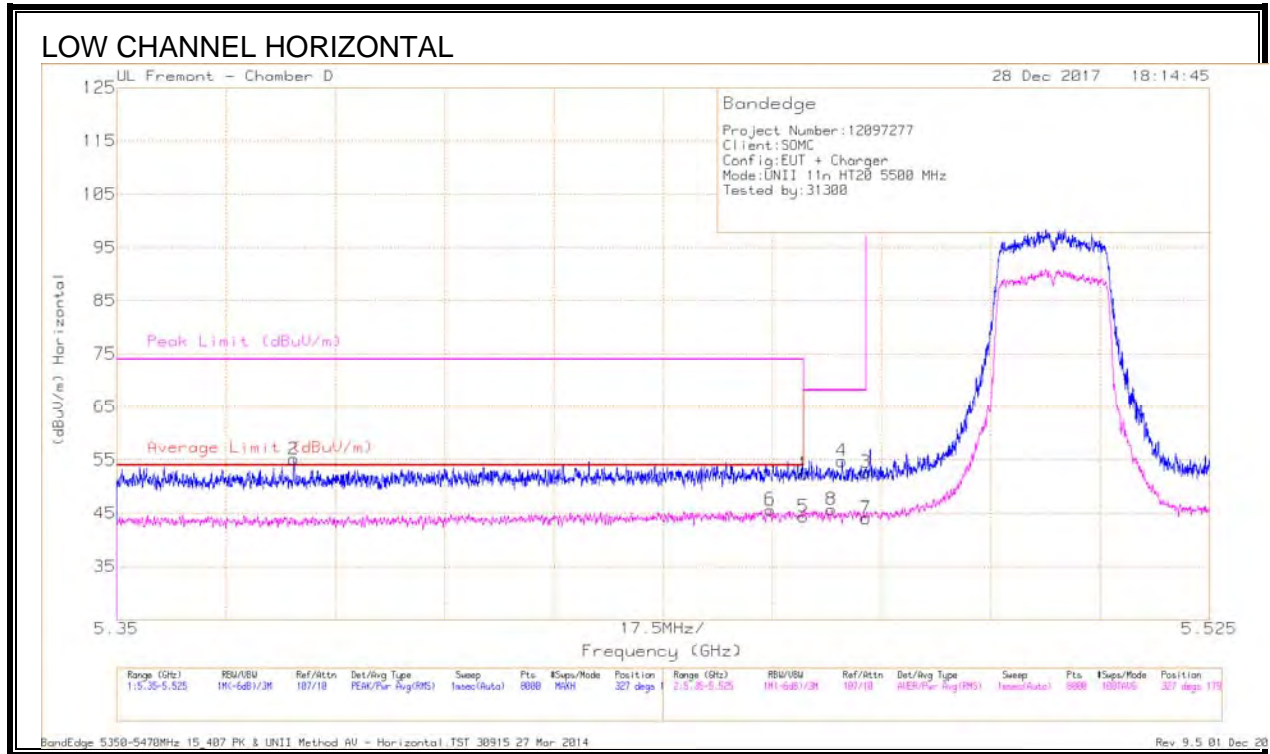
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 3.706	40.32	PK-U	33.5	-30.5	0	43.32	-	-	74	-30.68	-	-	88	266	H
	* 3.706	28	ADR	33.5	-30.5	0	31	54	-23	-	-	-	-	88	266	H
4	* 2.788	40.48	PK-U	32.6	-31.4	0	41.68	-	-	74	-32.32	-	-	160	139	V
	* 2.784	28.11	ADR	32.6	-31.4	0	29.31	54	-24.69	-	-	-	-	160	139	V
3	* 8.045	36.31	PK-U	36.5	-26.4	0	46.41	-	-	74	-27.59	-	-	360	296	H
	* 8.045	24.85	ADR	36.5	-26.4	0	34.95	54	-19.05	-	-	-	-	360	296	H
5	5.862	39.03	PK-U	35.2	-19	0	55.23	-	-	-	-	68.2	-12.97	296	163	V
2	5.96	39.55	PK-U	35.3	-18.6	0	56.25	-	-	-	-	68.2	-11.95	70	400	H
6	9.525	34.88	PK-U	37.2	-24.4	0	47.68	-	-	-	-	68.2	-20.52	43	227	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

### 10.1.10.11n HT20 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)



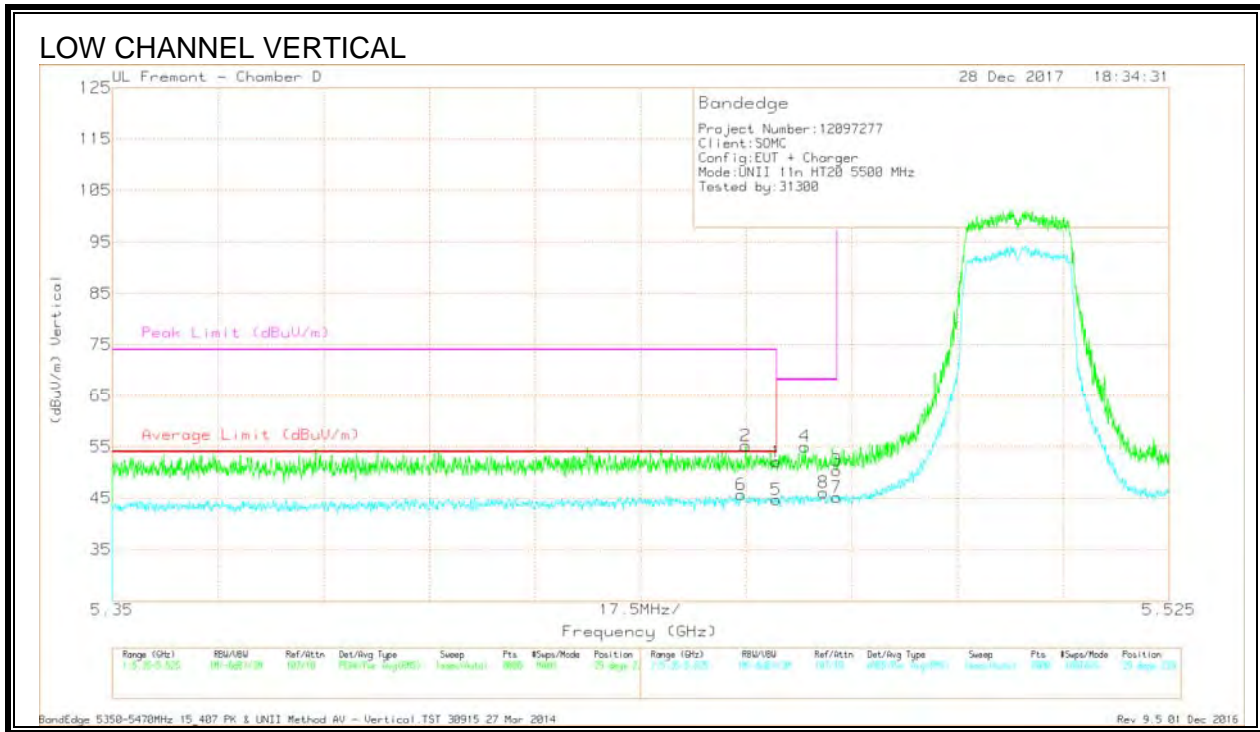
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	35.5	Pk	34.4	-17.6	0	52.3	-	-	74	-21.7	327	179	H
2	* 5.378	38.87	Pk	34.3	-18.1	0	55.07	-	-	74	-18.93	327	179	H
5	* 5.46	27.41	RMS	34.4	-17.6	.14	44.35	54	-9.65	-	-	327	179	H
6	* 5.455	28.77	RMS	34.4	-17.7	.14	45.61	54	-8.39	-	-	327	179	H
8	5.464	28.73	RMS	34.4	-17.6	.14	45.67	-	-	-	-	327	179	H
4	5.466	37.95	Pk	34.4	-17.6	0	54.75	-	-	68.2	-13.45	327	179	H
3	5.47	35.79	Pk	34.4	-17.6	0	52.59	-	-	68.2	-15.61	327	179	H
7	5.47	27.12	RMS	34.4	-17.6	.14	44.06	-	-	-	-	327	179	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

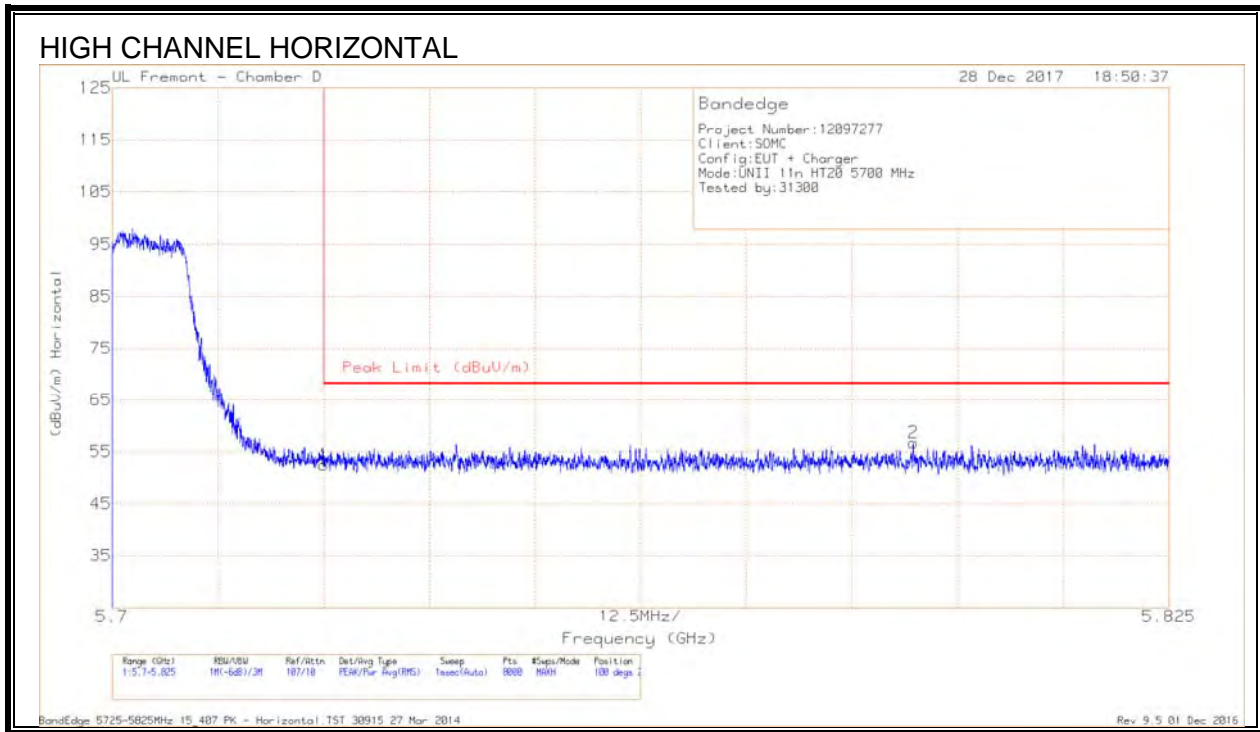
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	35.21	Pk	34.4	-17.6	0	52.01	-	-	74	-21.99	29	239	V
2	* 5.455	38.46	Pk	34.4	-17.7	0	55.16	-	-	74	-18.84	29	239	V
5	* 5.46	27.74	RMS	34.4	-17.6	.14	44.68	54	-9.32	-	-	29	239	V
6	* 5.454	28.84	RMS	34.4	-17.7	.14	45.68	54	-8.32	-	-	29	239	V
4	5.465	38.23	Pk	34.4	-17.6	0	55.03	-	-	68.2	-13.17	29	239	V
8	5.468	29.14	RMS	34.4	-17.6	.14	46.08	-	-	-	-	29	239	V
3	5.47	33.56	Pk	34.4	-17.6	0	50.36	-	-	68.2	-17.84	29	239	V
7	5.47	28.23	RMS	34.4	-17.6	.14	45.17	-	-	-	-	29	239	V

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

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

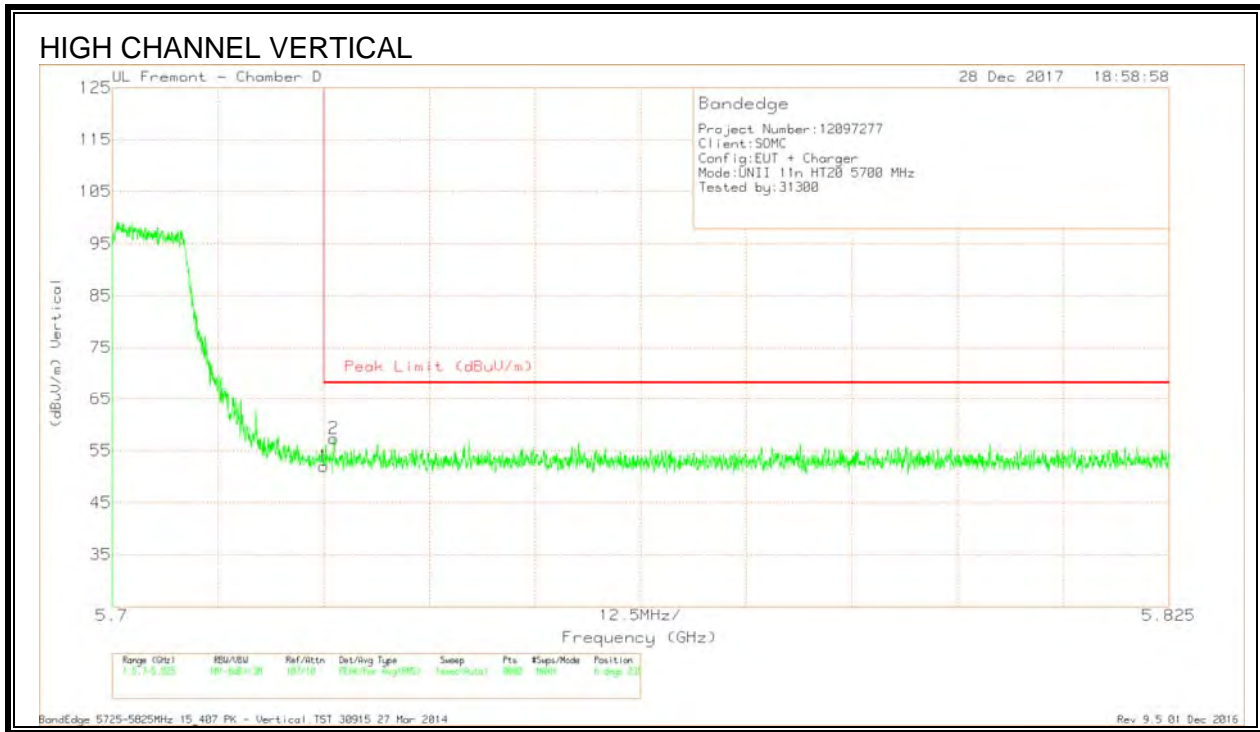


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.84	Pk	34.8	-17.2	0	52.44	68.2	-15.76	100	271	H
2	5.795	39.32	Pk	34.7	-17.3	0	56.72	68.2	-11.48	100	271	H

Pk - Peak detector



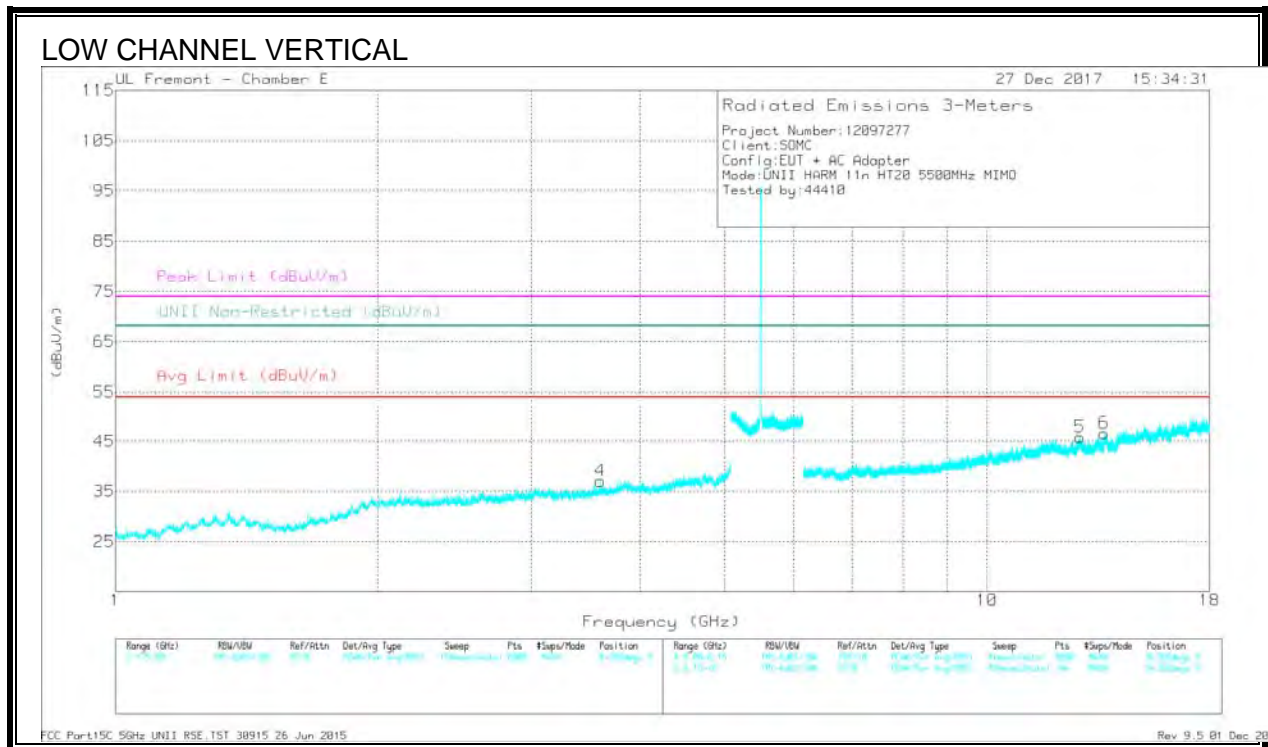
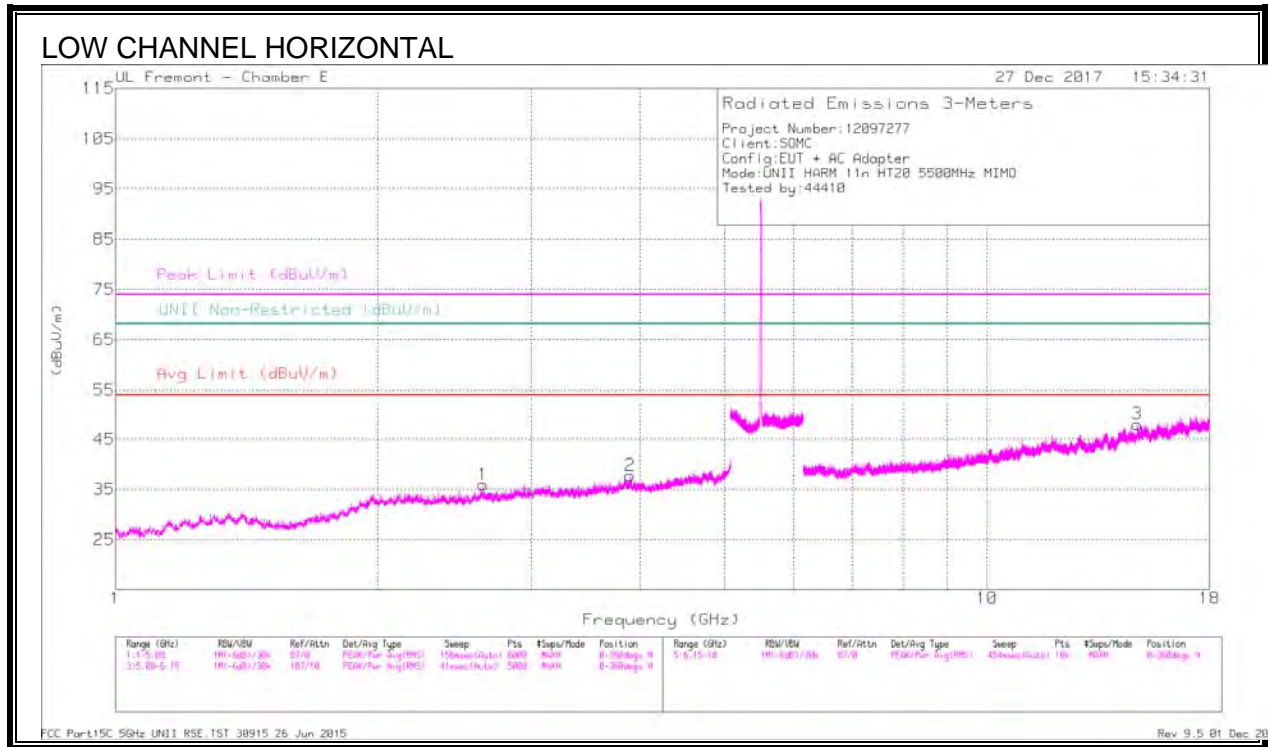


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.38	Pk	34.8	-17.2	0	51.98	68.2	-16.22	6	235	V
2	5.726	39.74	Pk	34.8	-17.2	0	57.34	68.2	-10.86	6	235	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



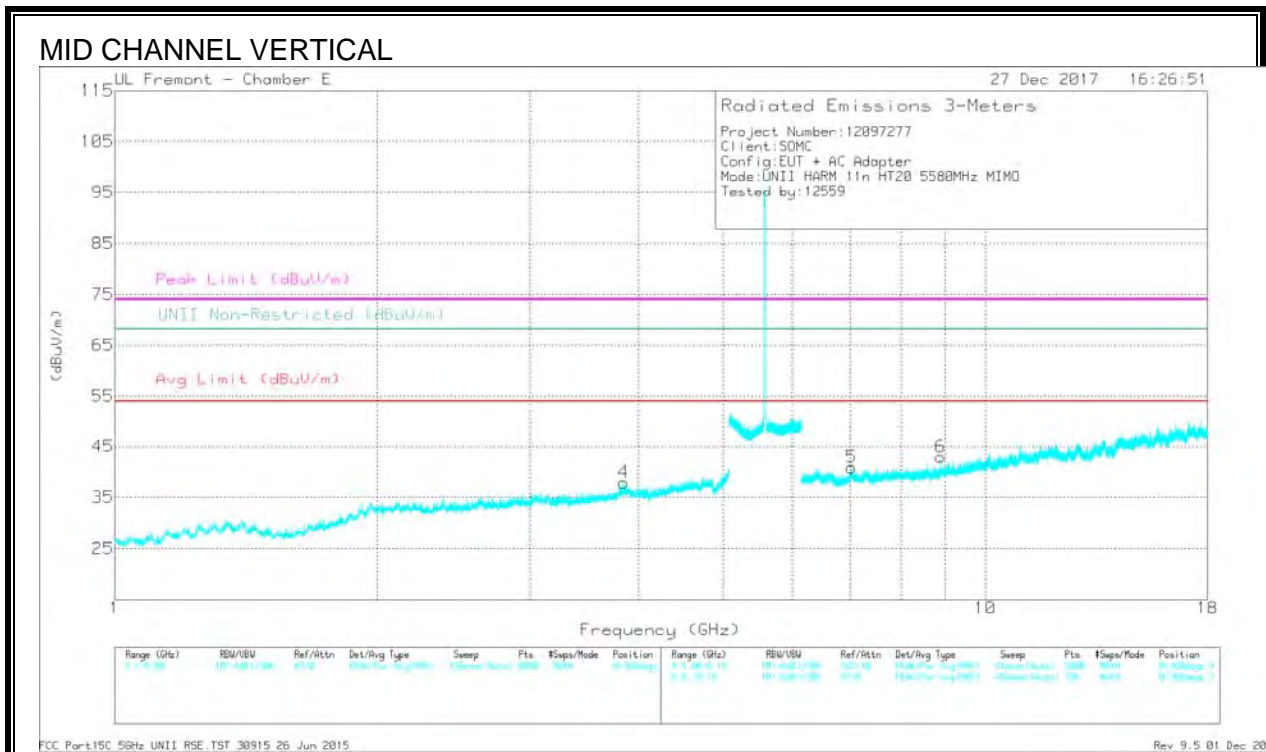
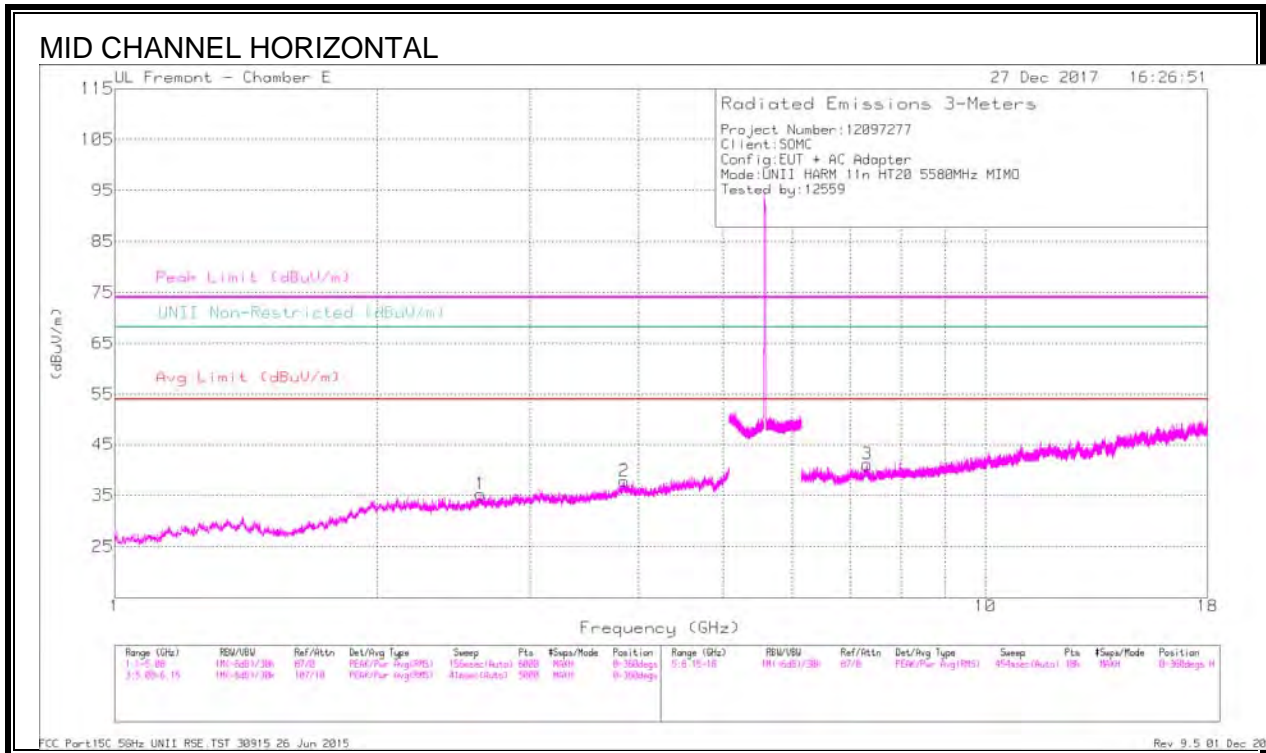
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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
2	* 3.896	39.86	PK-U	33.7	-30	0	43.56	-	-	74	-30.44	-	-	266	141	H
	* 3.894	28.19	ADR	33.7	-29.9	.14	32.13	54	-21.87	-	-	-	-	266	141	H
4	* 3.601	40.04	PK-U	33.3	-30.3	0	43.04	-	-	74	-30.96	-	-	63	249	V
	* 3.602	27.33	ADR	33.3	-30.3	.14	30.47	54	-23.53	-	-	-	-	63	249	V
1	2.641	40.02	PK-U	32.3	-30.6	0	41.72	-	-	-	-	68.2	-26.48	102	259	H
5	12.78	34.59	PK-U	39.8	-23.1	0	51.29	-	-	-	-	68.2	-16.91	0	109	V
6	13.62	36.26	PK-U	39.6	-23.8	0	52.06	-	-	-	-	68.2	-16.14	345	112	V
3	14.871	34.8	PK-U	40.6	-22.3	0	53.1	-	-	-	-	68.2	-15.1	69	315	H

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

PK-U - U-NII: Maximum Peak

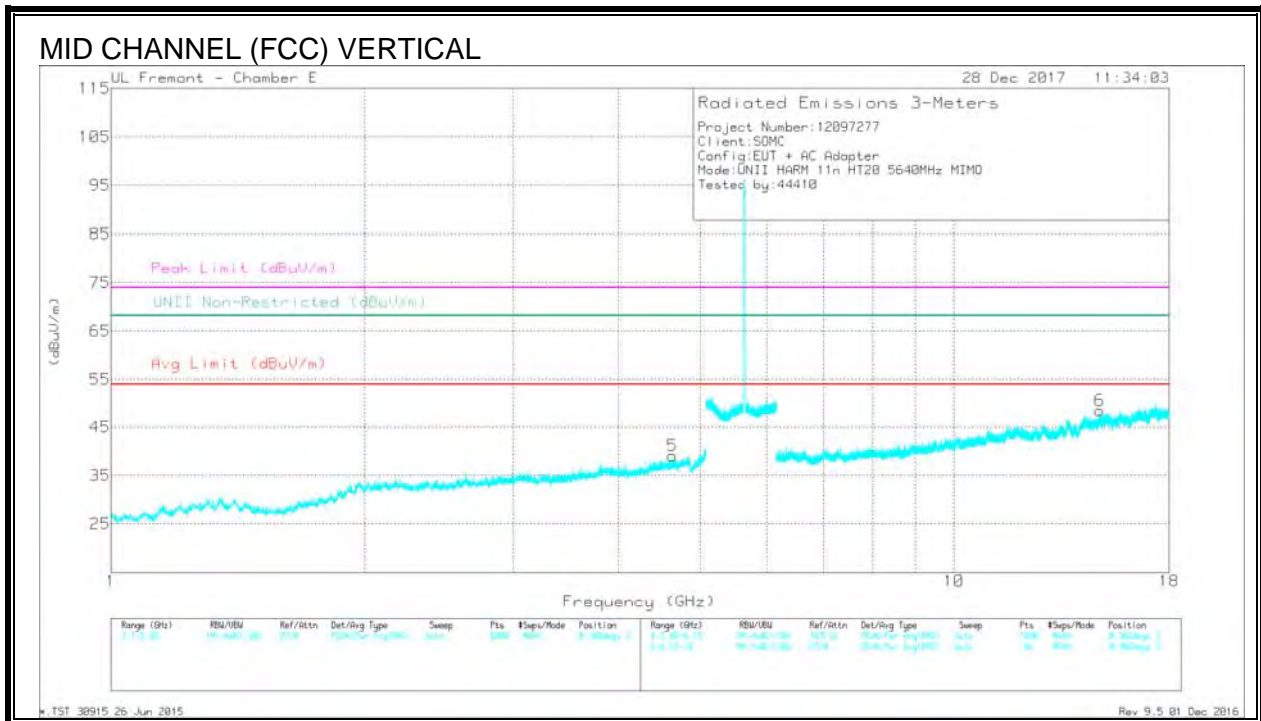
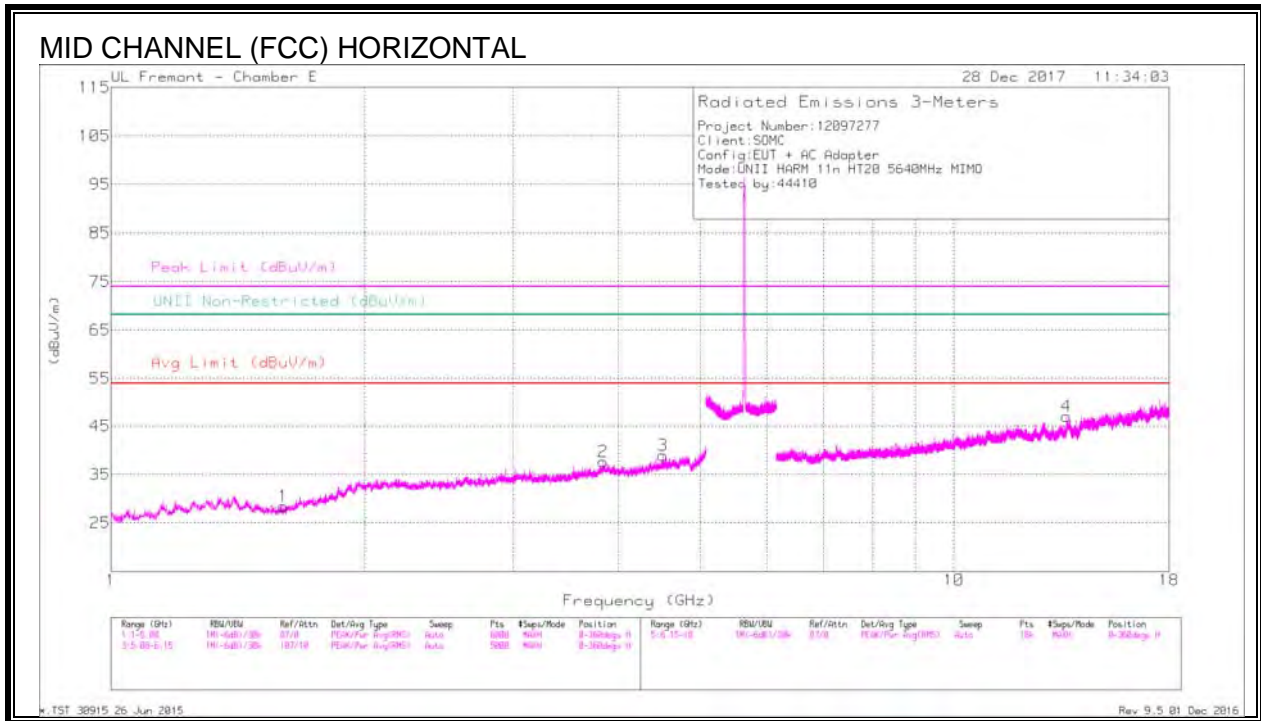
ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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
2	* 3.85	39.98	PK-U	33.7	-29.4	0	44.28	-	-	74	-29.72	-	-	86	351	H
	* 3.848	28.18	ADR	33.7	-29.4	.14	32.62	54	-21.38	-	-	-	-	86	351	H
4	* 3.846	39.14	PK-U	33.7	-29.4	0	43.44	-	-	74	-30.56	-	-	266	347	V
	* 3.848	27.99	ADR	33.7	-29.4	.14	32.43	54	-21.57	-	-	-	-	266	347	V
3	* 7.314	36.9	PK-U	36	-25.9	0	47	-	-	74	-27	-	-	360	287	H
	* 7.314	24.84	ADR	36	-25.9	.14	35.08	54	-18.92	-	-	-	-	360	287	H
1	2.63	39.69	PK-U	32.2	-30.4	0	41.49	-	-	-	-	68.2	-26.71	360	360	H
5	7.018	36.74	PK-U	36.2	-26.4	0	46.54	-	-	-	-	68.2	-21.66	80	167	V
6	8.89	36.29	PK-U	36.8	-25.5	0	47.59	-	-	-	-	68.2	-20.61	34	180	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





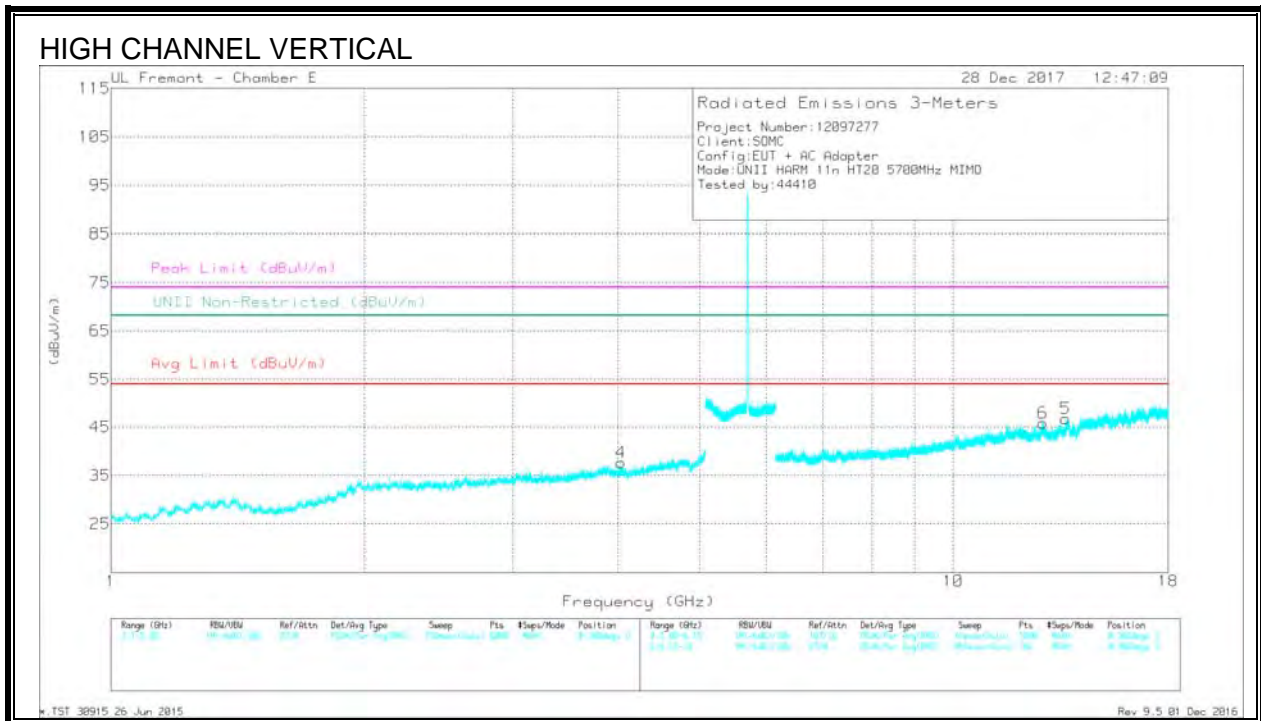
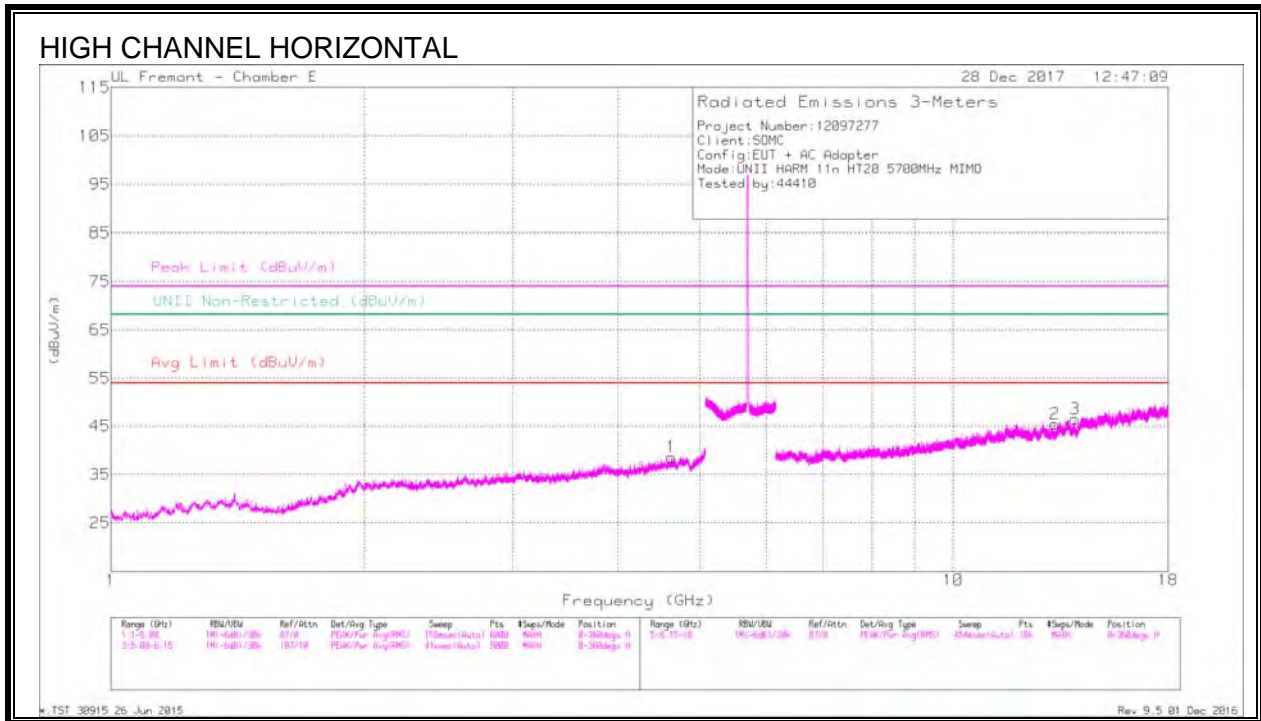
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 1.6	42.18	PK-U	27.2	-34.3	0	35.08	-	-	74	-38.92	-	-	224	107	H
	* 1.6	30.12	ADR	27.2	-34.3	.14	23.16	54	-30.84	-	-	-	-	224	107	H
2	* 3.839	39.67	PK-U	33.7	-29.4	0	43.97	-	-	74	-30.03	-	-	113	360	H
	* 3.841	28.19	ADR	33.7	-29.4	.14	32.63	54	-21.37	-	-	-	-	113	360	H
3	* 4.513	38.7	PK-U	34.5	-29.3	0	43.9	-	-	74	-30.1	-	-	341	200	H
	* 4.514	27.41	ADR	34.5	-29.3	.14	32.75	54	-21.25	-	-	-	-	341	200	H
5	* 4.621	40	PK-U	34.4	-29.3	0	45.1	-	-	74	-28.9	-	-	125	120	V
	* 4.633	28.01	ADR	34.4	-29.3	.14	33.25	54	-20.75	-	-	-	-	125	120	V
4	13.6	36.34	PK-U	39.6	-23.7	0	52.24	-	-	-	-	68.2	-15.96	248	103	H
6	14.901	35.12	PK-U	40.8	-22.9	0	53.02	-	-	-	-	68.2	-15.18	127	119	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



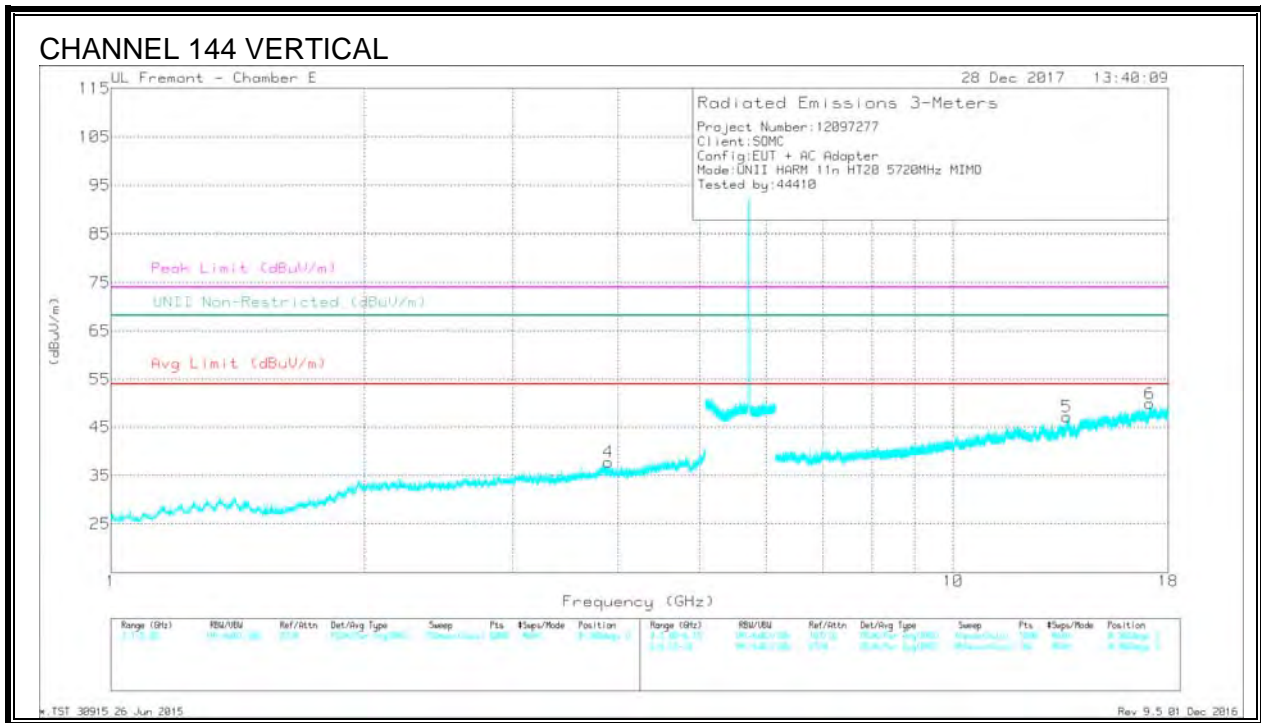
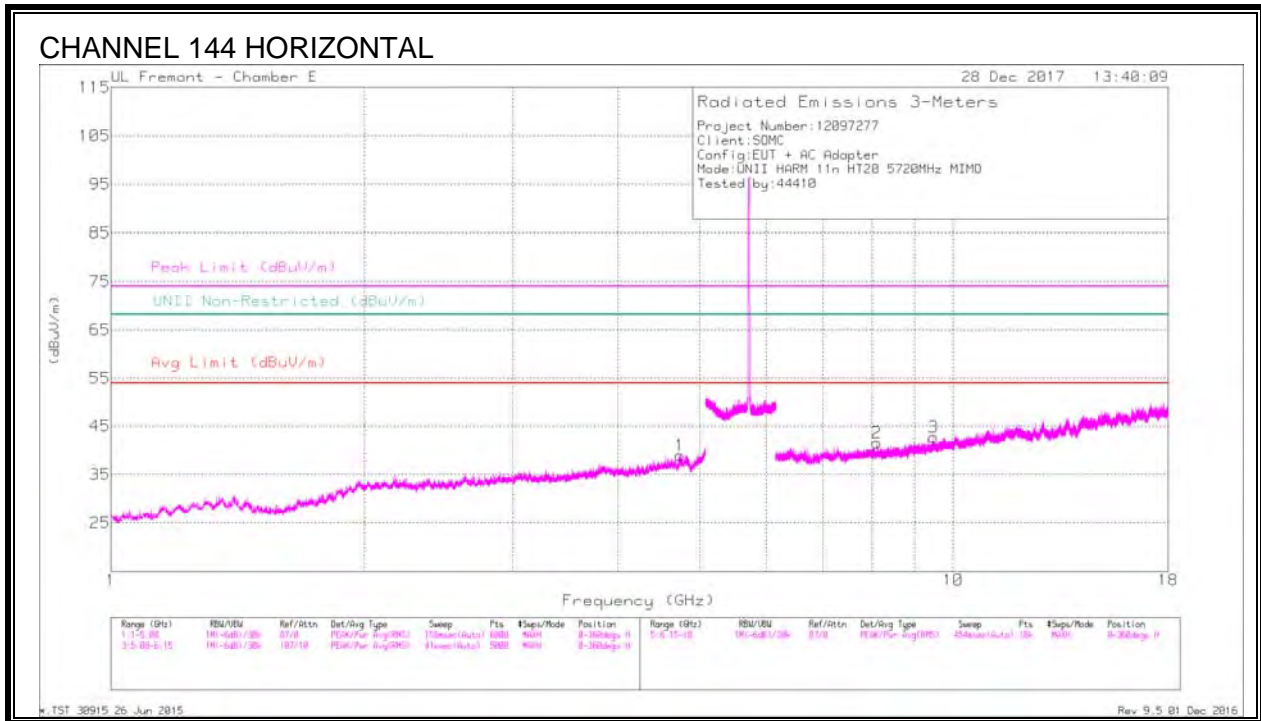
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.629	39.13	PK-U	34.4	-29.2	0	44.33	-	-	74	-29.67	-	-	139	147	H
	* 4.63	27.65	ADR	34.4	-29.3	.14	32.89	54	-21.11	-	-	-	-	139	147	H
4	* 4.03	38.24	PK-U	33.6	-29.2	0	42.64	-	-	74	-31.36	-	-	314	108	V
	* 4.032	27.15	ADR	33.6	-29.2	.14	31.69	54	-22.31	-	-	-	-	314	108	V
6	12.774	35.31	PK-U	39.8	-23.1	0	52.01	-	-	-	-	68.2	-16.19	178	152	V
2	13.202	36.17	PK-U	39	-24.9	0	50.27	-	-	-	-	68.2	-17.93	20	357	H
5	13.605	36.86	PK-U	39.6	-23.8	0	52.66	-	-	-	-	68.2	-15.54	6	101	V
3	13.945	36.36	PK-U	39.3	-23.8	0	51.86	-	-	-	-	68.2	-16.34	240	203	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.737	38.58	PK-U	34.4	-28.5	0	44.48	-	-	74	-29.52	-	-	34	341	H
	* 4.737	26.89	ADR	34.4	-28.5	.14	32.93	54	-21.07	-	-	-	-	34	341	H
4	* 3.899	40.74	PK-U	33.7	-30.1	0	44.34	-	-	74	-29.66	-	-	296	155	V
	* 3.901	28.27	ADR	33.7	-30.1	.14	32.01	54	-21.99	-	-	-	-	296	155	V
2	* 8.123	35.76	PK-U	36.5	-26.2	0	46.06	-	-	74	-27.94	-	-	220	172	H
	* 8.125	24.53	ADR	36.5	-26.1	.14	35.07	54	-18.93	-	-	-	-	220	172	H
3	* 9.483	35.56	PK-U	37.2	-24.1	0	48.66	-	-	74	-25.34	-	-	4	110	H
	* 9.482	23.25	ADR	37.2	-24.1	.14	36.49	54	-17.51	-	-	-	-	4	110	H
5	13.641	36.36	PK-U	39.6	-23.4	0	52.56	-	-	-	-	68.2	-15.64	356	200	V
6	17.118	34.33	PK-U	41.7	-20.9	0	55.13	-	-	-	-	68.2	-13.07	5	210	V

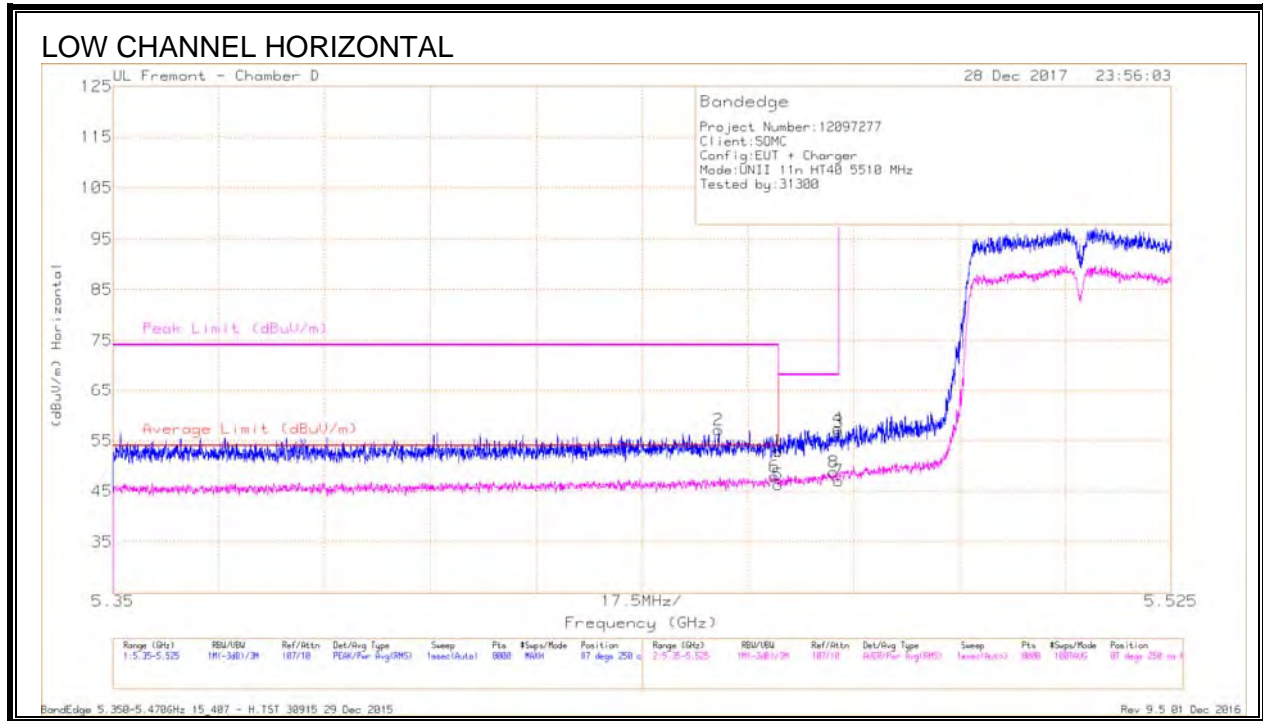
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 10.1.11.11n HT40 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### Trace Markers

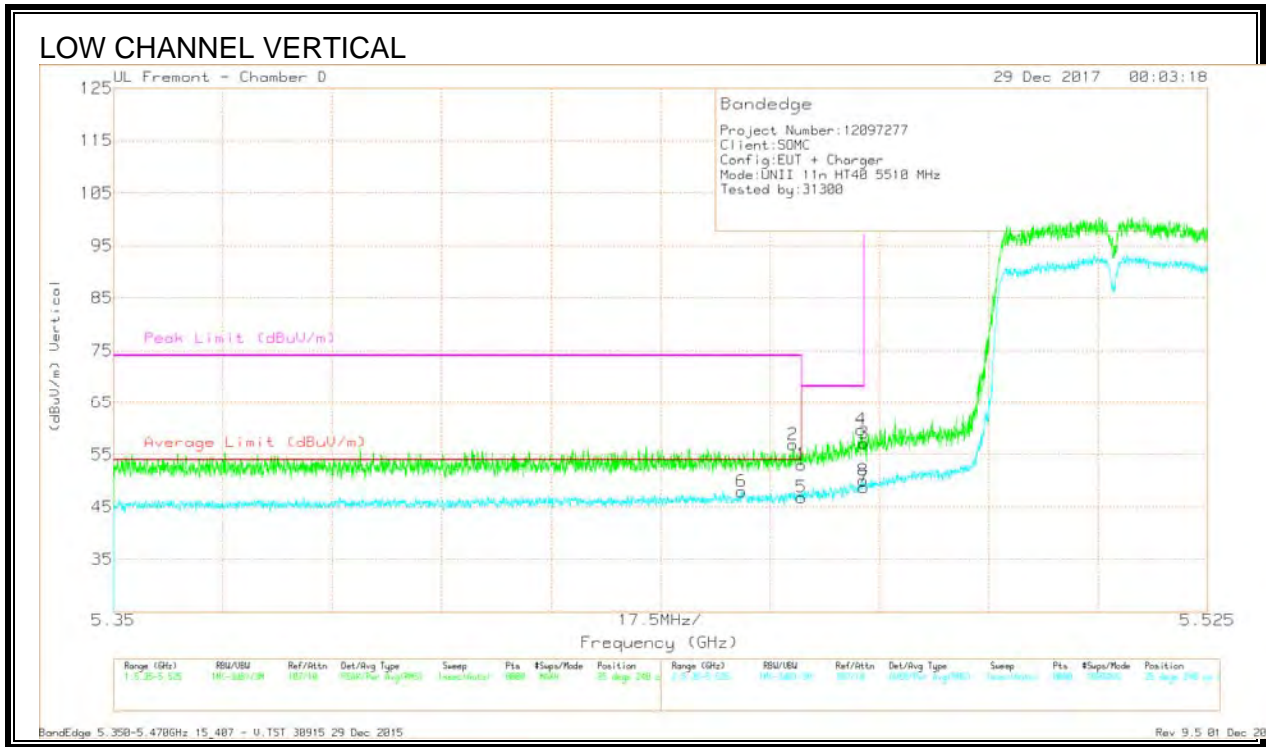
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.45	40.37	Pk	34.4	-17.7	0	57.07	-	-	74	-16.93	87	250	H
6	* 5.459	30.64	RMS	34.4	-17.6	.48	47.92	54	-6.08	-	-	87	250	H
1	* 5.46	36.16	Pk	34.4	-17.6	0	52.96	-	-	74	-21.04	87	250	H
5	* 5.46	29	RMS	34.4	-17.6	.48	46.28	54	-7.72	-	-	87	250	H
8	5.469	31.52	RMS	34.4	-17.6	.48	48.8	-	-	-	-	87	250	H
3	5.47	39.95	Pk	34.4	-17.6	0	56.75	-	-	68.2	-11.45	87	250	H
4	5.47	40.62	Pk	34.4	-17.6	0	57.42	-	-	68.2	-10.78	87	250	H
7	5.47	29.8	RMS	34.4	-17.6	.48	47.08	-	-	-	-	87	250	H

\* - indicates frequency in CFR15.205/IC8.10 RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



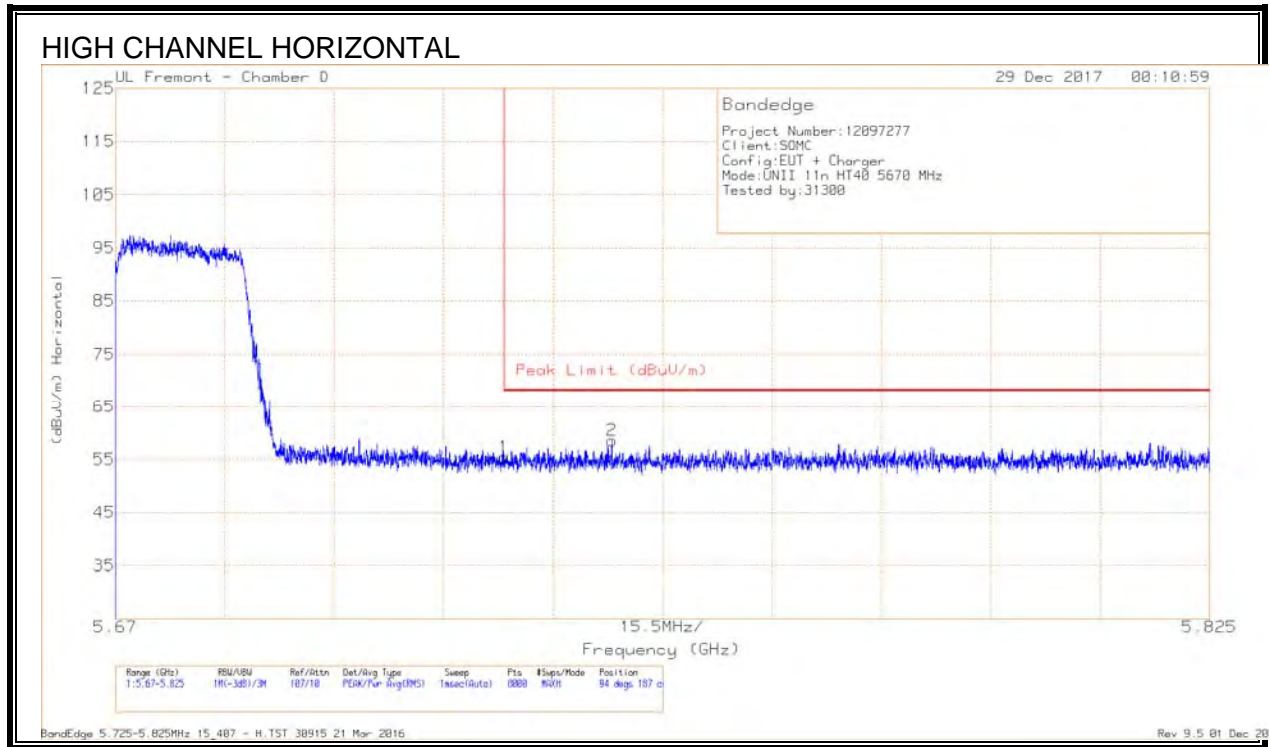


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.45	30.75	RMS	34.4	-17.7	.48	47.93	54	-6.07	-	-	25	240	V
2	* 5.459	40.19	Pk	34.4	-17.7	0	56.89	-	-	74	-17.11	25	240	V
1	* 5.46	36.27	Pk	34.4	-17.6	0	53.07	-	-	74	-20.93	25	240	V
5	* 5.46	29.58	RMS	34.4	-17.6	.48	46.86	54	-7.14	-	-	25	240	V
3	5.47	40.33	Pk	34.4	-17.6	0	57.13	-	-	68.2	-11.07	25	240	V
4	5.47	42.96	Pk	34.4	-17.6	0	59.76	-	-	68.2	-8.44	25	240	V
7	5.47	31.39	RMS	34.4	-17.6	.48	48.67	-	-	-	-	25	240	V
8	5.47	32.75	RMS	34.4	-17.6	.48	50.03	-	-	-	-	25	240	V

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

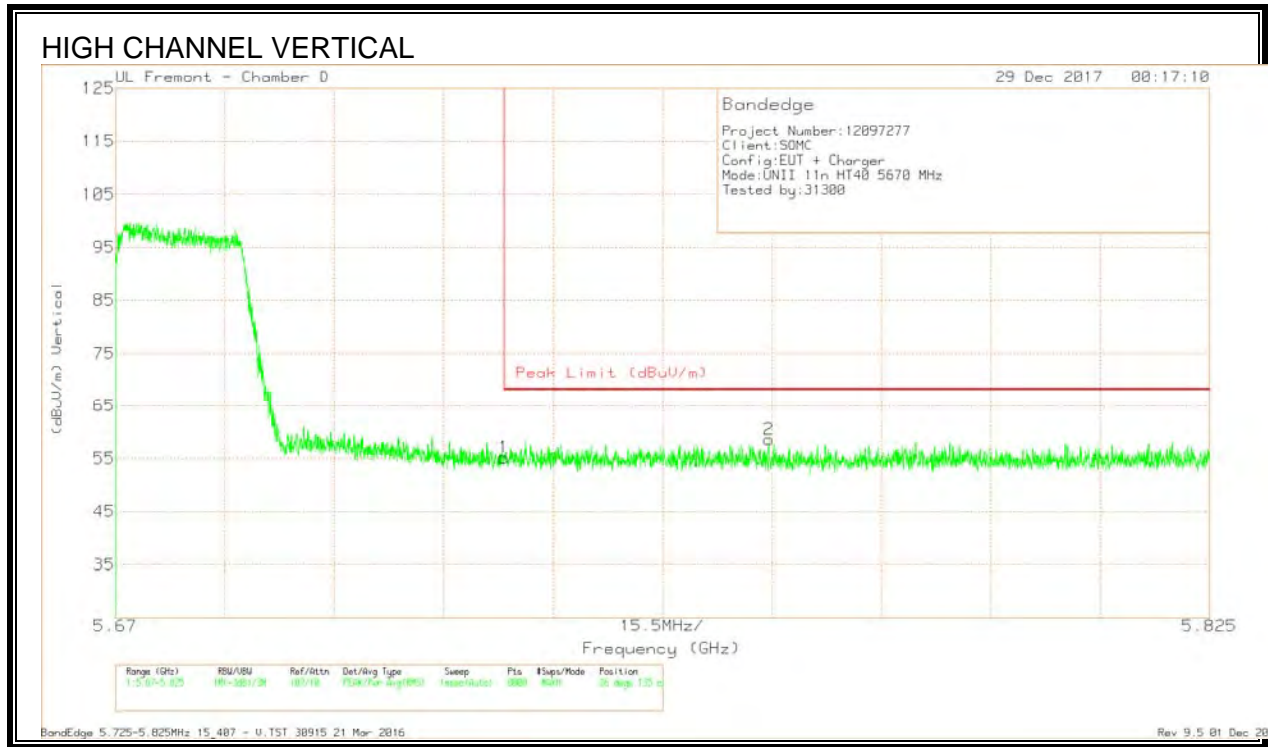
**AUTHORIZED BANDEDGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.77	Pk	34.8	-17.2	0	55.37	68.2	-12.83	94	187	H
2	5.74	40.94	Pk	34.8	-17.2	0	58.54	68.2	-9.66	94	187	H

Pk - Peak detector

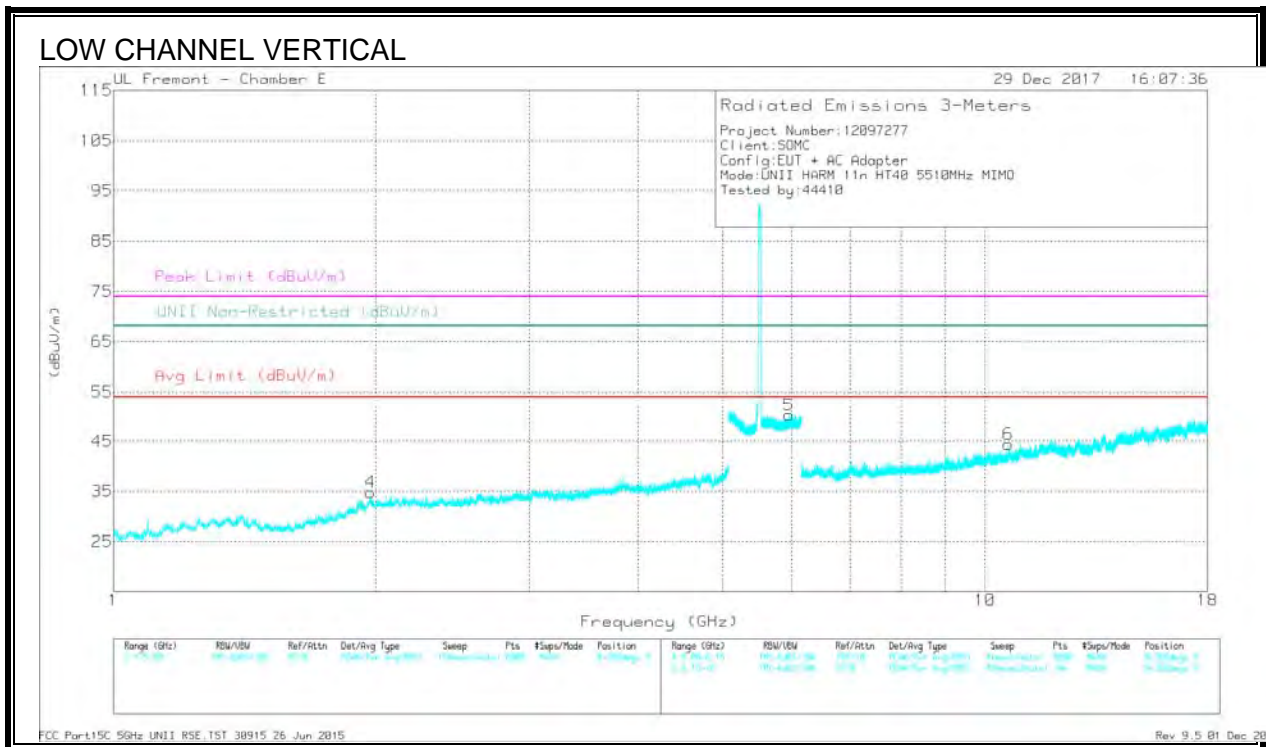
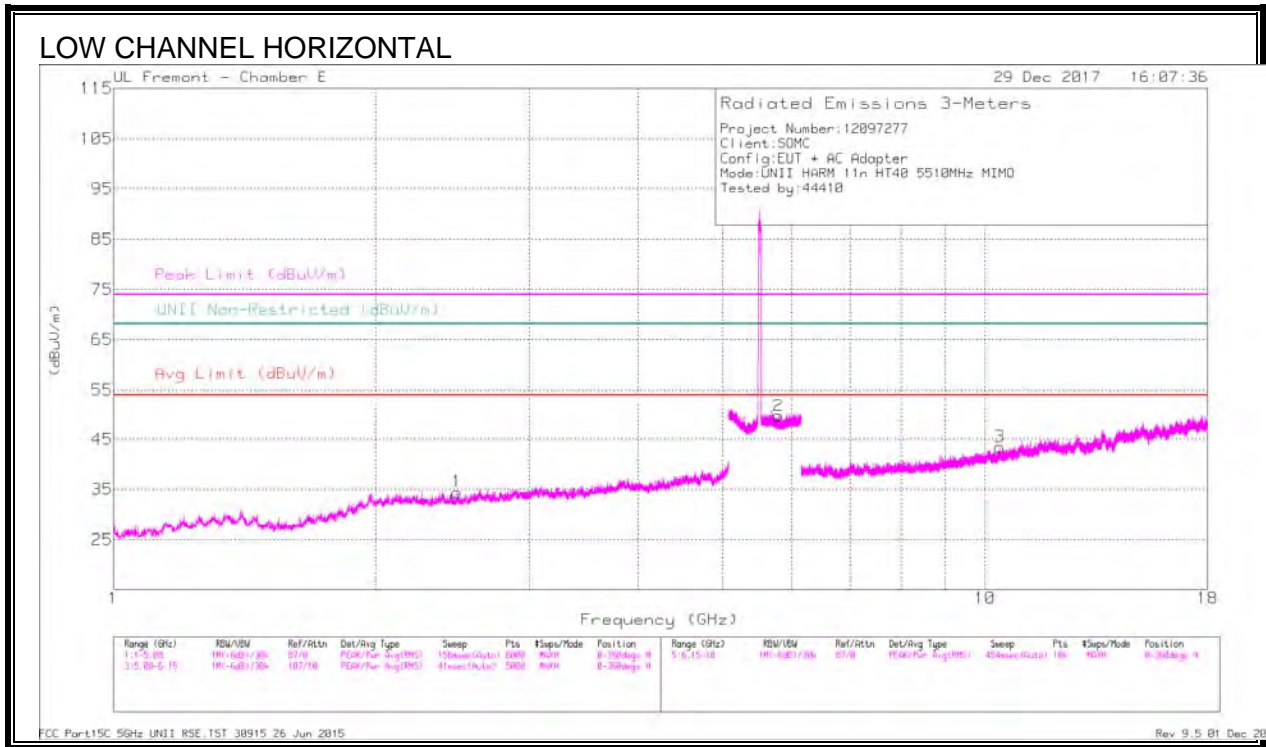


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.56	Pk	34.8	-17.2	0	55.16	68.2	-13.04	26	135	V
2	5.763	41.2	Pk	34.7	-17.3	0	58.6	68.2	-9.6	26	135	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

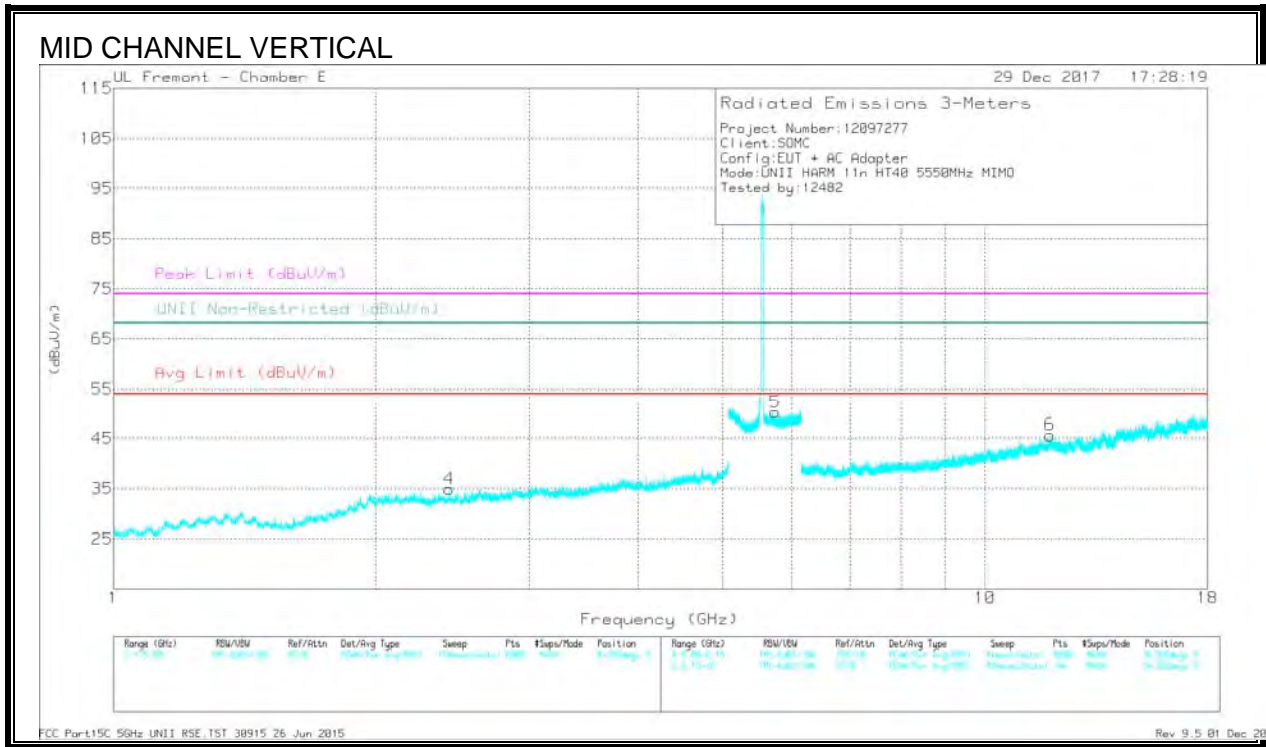
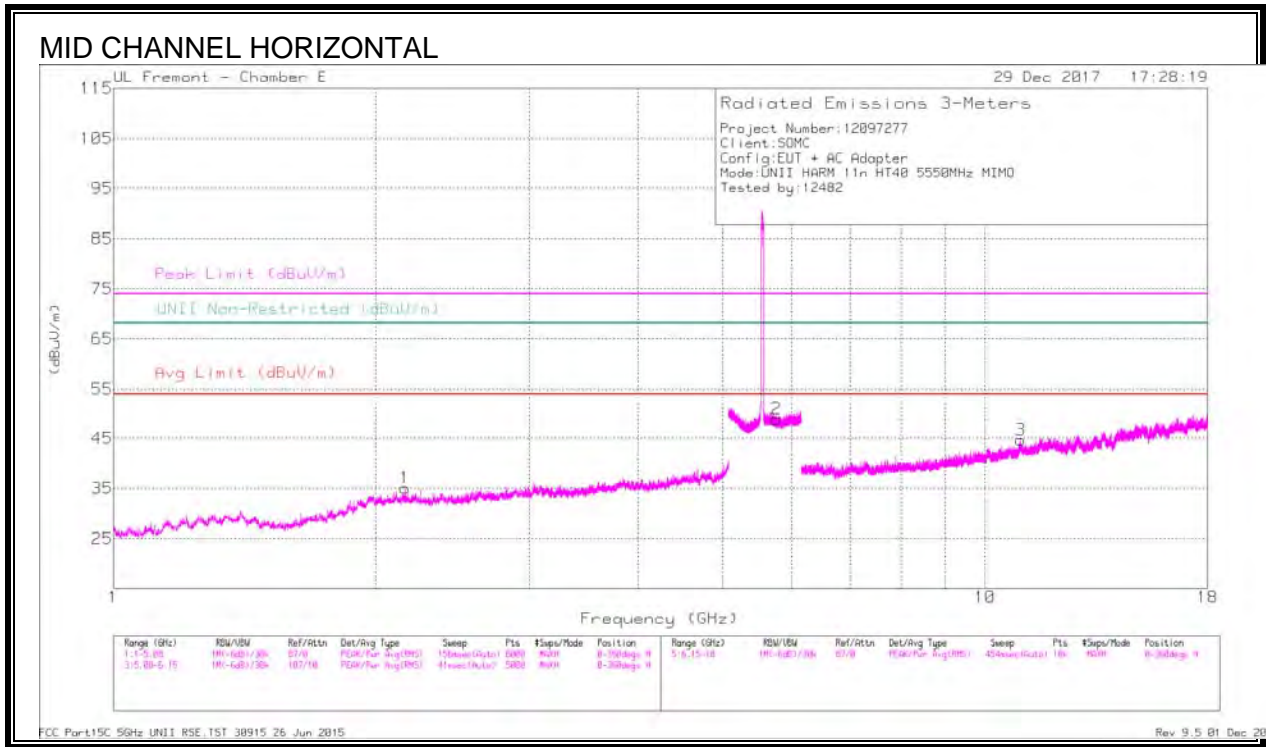
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 10.635	33.84	PK-U	38.1	-23.5	0	48.44	-	-	74	-25.56	-	-	182	243	V
	* 10.635	22.68	ADR	38.1	-23.5	.48	37.76	54	-16.24	-	-	-	-	182	243	V
4	1.97	41.58	PK-U	31.7	-32.4	0	40.88	-	-	-	-	68.2	-27.32	203	337	V
1	2.478	40.89	PK-U	32.1	-32.2	0	40.79	-	-	-	-	68.2	-27.41	113	162	H
2	5.798	39.02	PK-U	35.2	-19.1	0	55.12	-	-	-	-	68.2	-13.08	354	379	H
5	5.961	39	PK-U	35.3	-18.5	0	55.8	-	-	-	-	68.2	-12.4	66	354	V
3	10.407	34.5	PK-U	37.7	-23.1	0	49.1	-	-	-	-	68.2	-19.1	360	191	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average







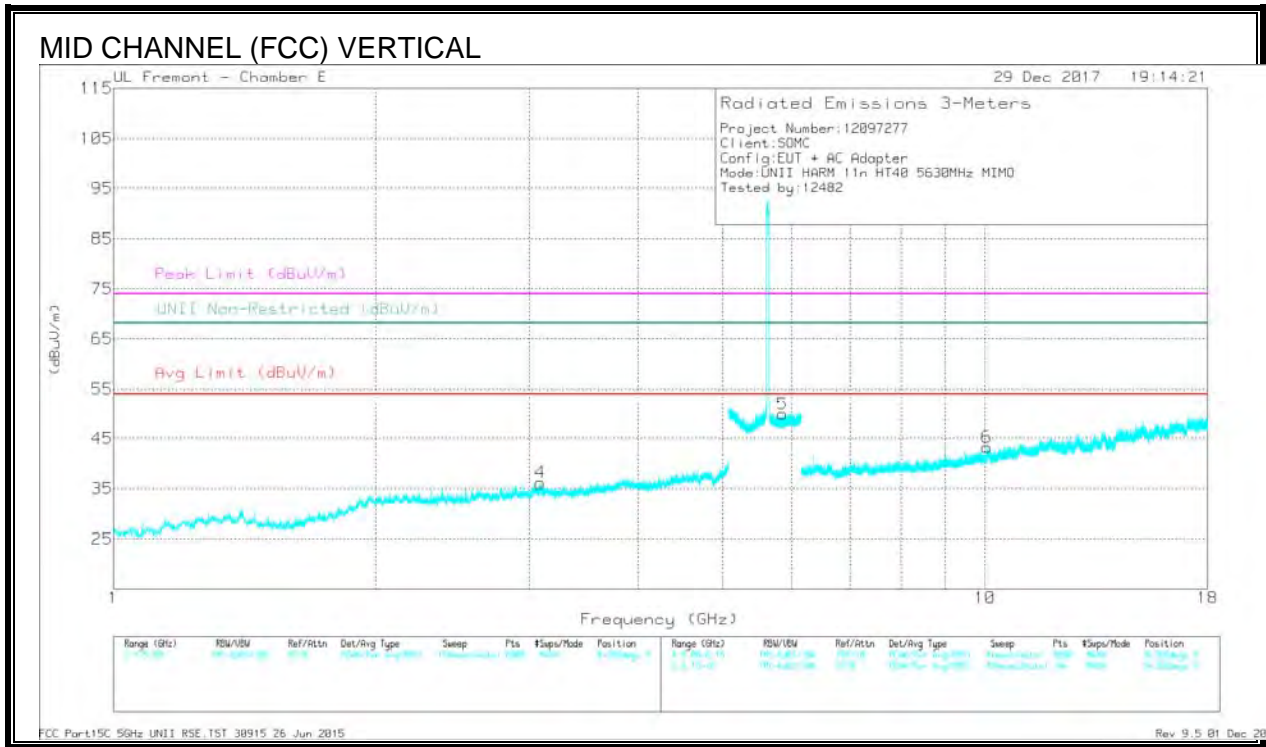
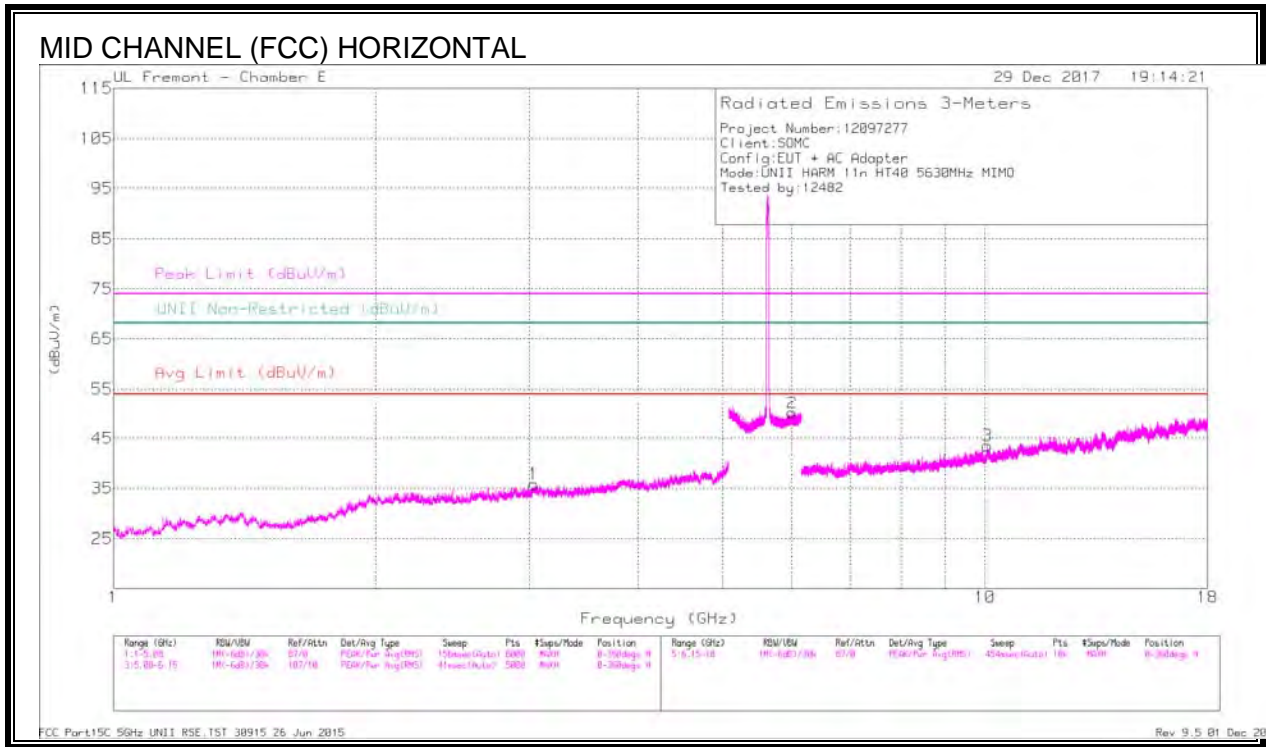
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 1.212	45.08	PK-U	28.1	-35.3	0	37.88	-	-	74	-36.12	-	-	294	330	H
	* 1.213	31.58	ADR	28.1	-35.3	.48	24.86	54	-29.14	-	-	-	-	294	330	H
3	* 4.733	39.7	PK-U	34.4	-28.5	0	45.6	-	-	74	-28.4	-	-	321	308	V
	* 4.734	28.12	ADR	34.4	-28.5	.48	34.5	54	-19.5	-	-	-	-	321	308	V
4	* 11.02	36.05	PK-U	38.5	-22.7	0	51.85	-	-	74	-22.15	-	-	18	160	H
	* 11.019	24.27	ADR	38.5	-22.7	.48	40.55	54	-13.45	-	-	-	-	18	160	H
6	* 15.907	32.57	PK-U	41.4	-23.3	0	50.67	-	-	74	-23.33	-	-	23	168	V
	* 15.909	21.23	ADR	41.4	-23.3	.48	39.81	54	-14.19	-	-	-	-	23	168	V
2	2.161	44.7	PK-U	32.1	-32.4	0	44.4	-	-	-	-	68.2	-23.8	174	385	H
5	14.952	33.85	PK-U	41.1	-23.6	0	51.35	-	-	-	-	68.2	-16.85	192	105	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



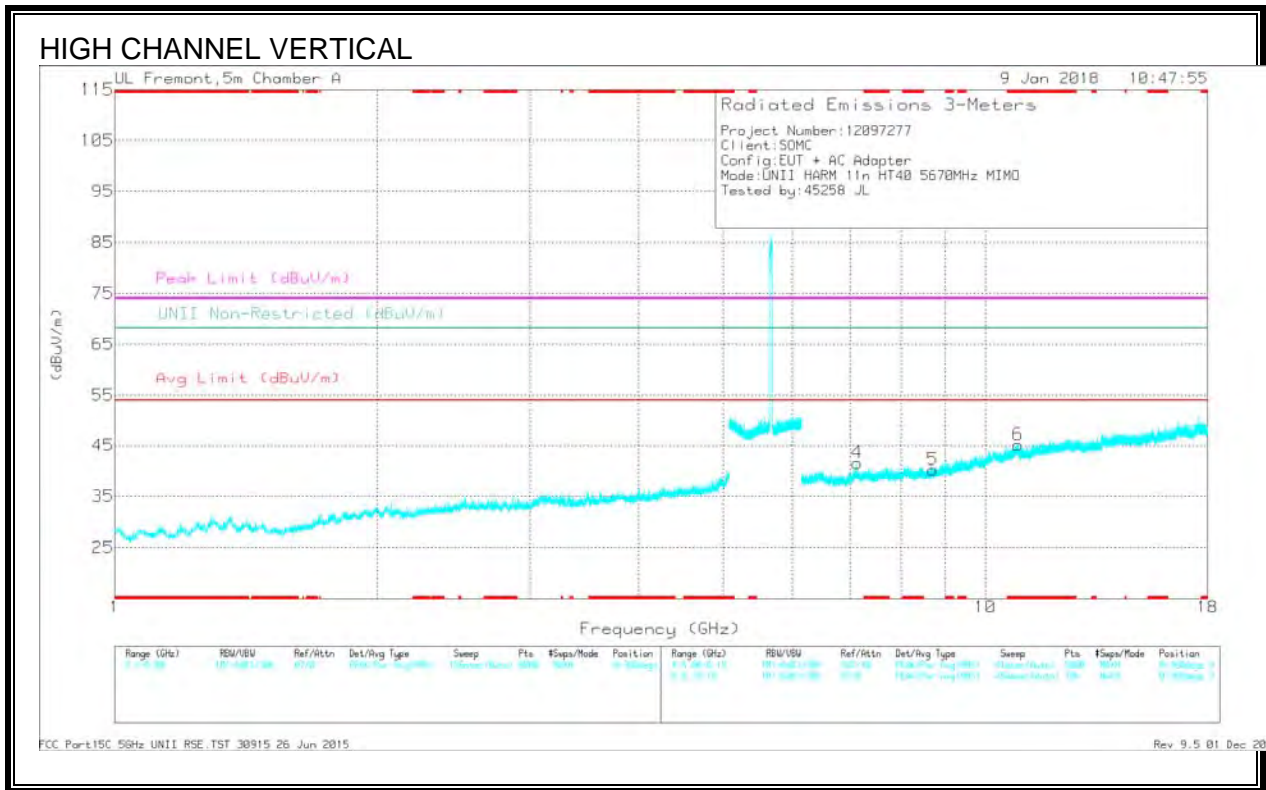
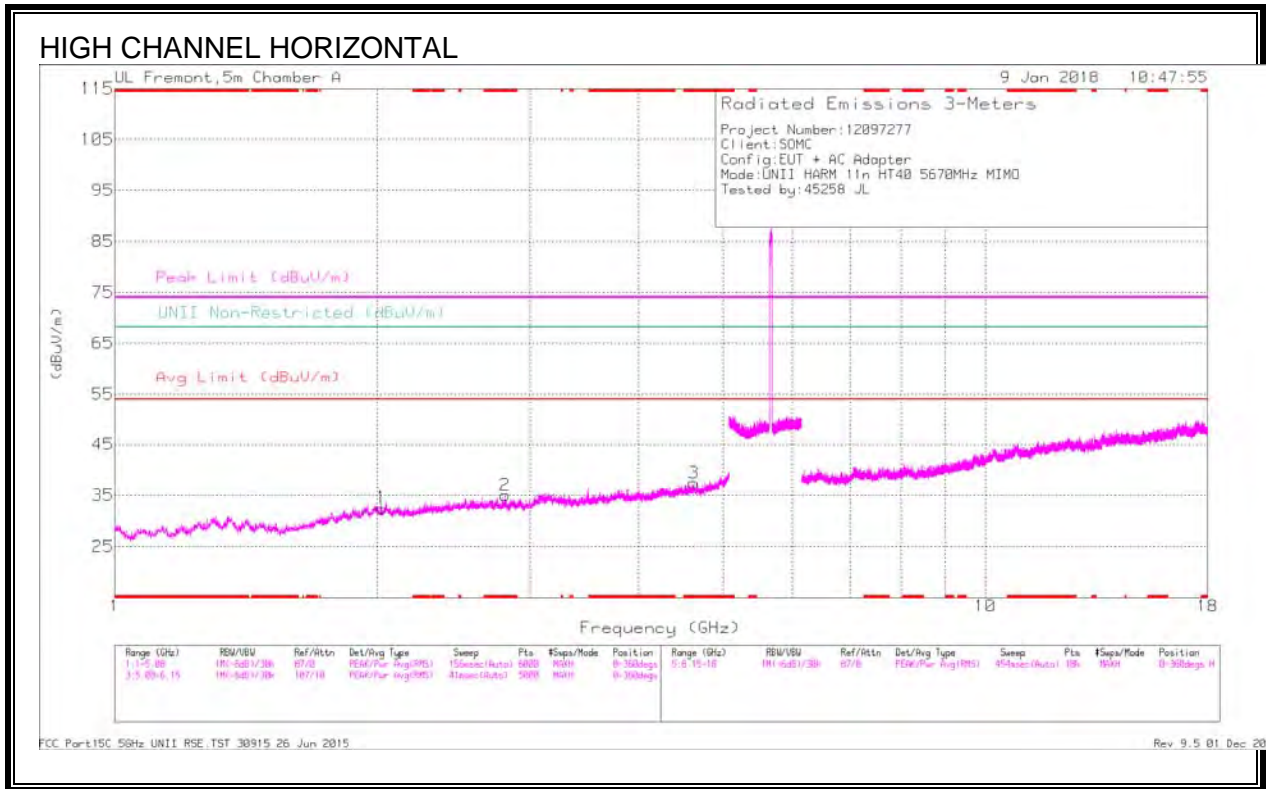
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	3.035	38.91	PK-U	33	-30.4	0	41.51	-	-	-	-	68.2	-26.69	266	250	H
4	3.088	39.12	PK-U	33.1	-30.4	0	41.82	-	-	-	-	68.2	-26.38	284	291	V
5	5.86	39.44	PK-U	35.2	-19	0	55.64	-	-	-	-	68.2	-12.56	185	239	V
2	6.009	39.4	PK-U	35.4	-18.5	0	56.3	-	-	-	-	68.2	-11.9	103	121	H
6	10.049	34.35	PK-U	37.6	-23.2	0	48.75	-	-	-	-	68.2	-19.45	295	309	V
3	10.056	34.27	PK-U	37.6	-22.9	0	48.97	-	-	-	-	68.2	-19.23	98	168	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



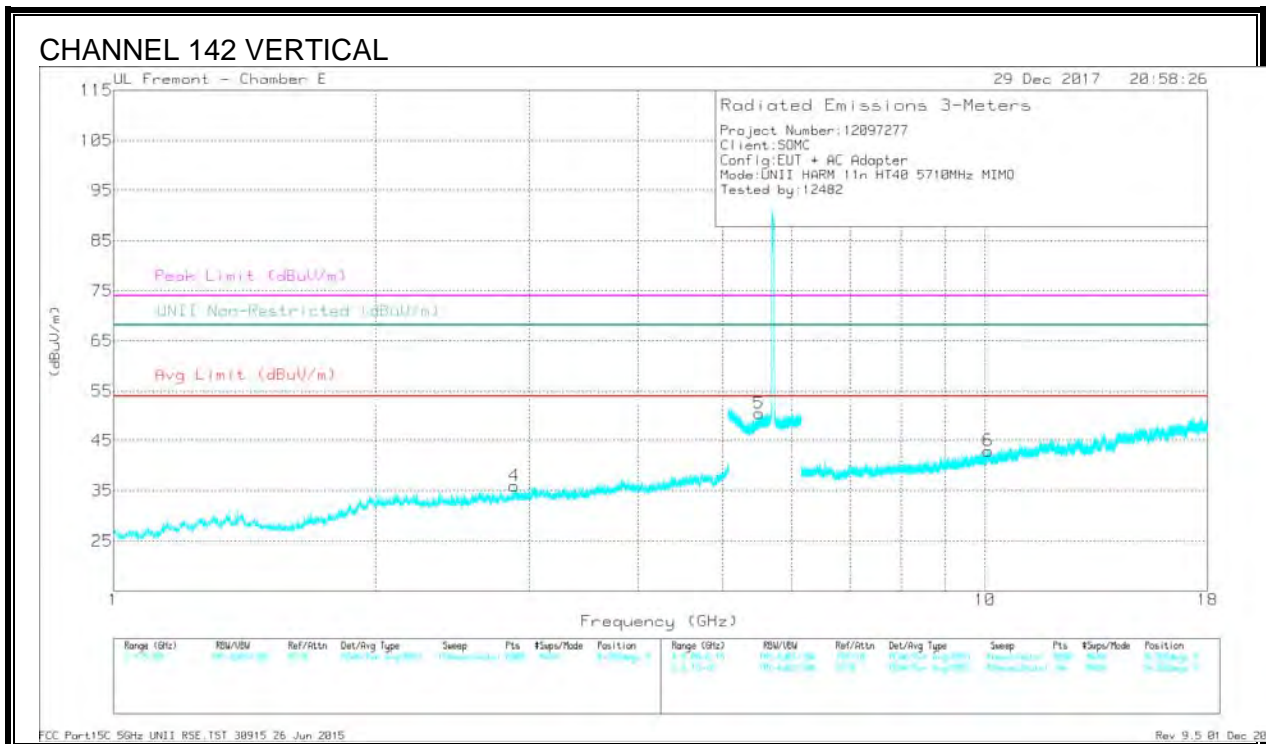
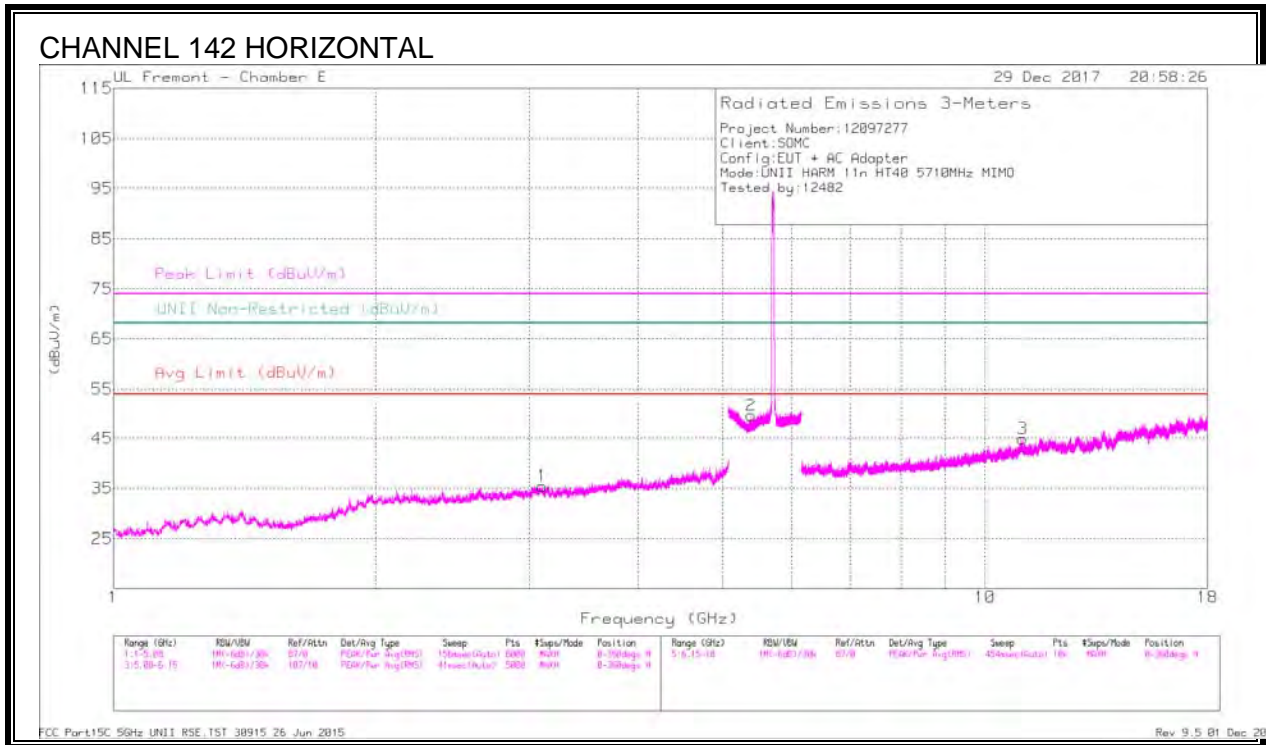
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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
2	* 2.809	37.73	PK-U	32.2	-29.4	0	40.53	-	-	74	-33.47	-	-	107	174	H
	* 2.809	26.16	ADR	32.2	-29.4	.48	29.44	54	-24.56	-	-	-	-	107	174	H
3	* 4.625	35.64	PK-U	34	-26.7	0	42.94	-	-	74	-31.06	-	-	157	197	H
	* 4.626	24.77	ADR	34	-26.7	.48	32.55	54	-21.45	-	-	-	-	157	197	H
6	* 10.906	31.59	PK-U	37.9	-18.8	0	50.69	-	-	74	-23.31	-	-	225	182	V
	* 10.909	20.44	ADR	37.9	-18.9	.48	39.92	54	-14.08	-	-	-	-	225	182	V
1	2.028	37.75	PK-U	31.4	-30.2	0	38.95	-	-	-	-	68.2	-29.25	74	138	H
4	7.124	33.4	PK-U	35.7	-22.7	0	46.4	-	-	-	-	68.2	-21.8	228	165	V
5	8.707	31.96	PK-U	36	-22	0	45.96	-	-	-	-	68.2	-22.24	266	143	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





Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 2.887	39.41	PK-U	32.8	-30.7	0	41.51	-	-	74	-32.49	-	-	241	281	V
	* 2.884	27.66	ADR	32.8	-30.8	.48	30.14	54	-23.86	-	-	-	-	241	281	V
2	* 5.392	38.15	PK-U	35	-18.8	0	54.35	-	-	74	-19.65	-	-	199	169	H
	* 5.393	26.72	ADR	35	-18.8	.48	43.4	54	-10.6	-	-	-	-	199	169	H
3	* 11.04	33.9	PK-U	38.5	-23.1	0	49.3	-	-	74	-24.7	-	-	16	216	H
	* 11.041	22.69	ADR	38.5	-23.1	.48	38.57	54	-15.43	-	-	-	-	16	216	H
1	3.105	39.35	PK-U	33.1	-30.6	0	41.85	-	-	-	-	68.2	-26.35	33	235	H
5	5.508	40.68	PK-U	35.1	-19	0	56.78	-	-	-	-	68.2	-11.42	224	228	V
6	10.081	34.22	PK-U	37.6	-22.5	0	49.32	-	-	-	-	68.2	-18.88	48	340	V

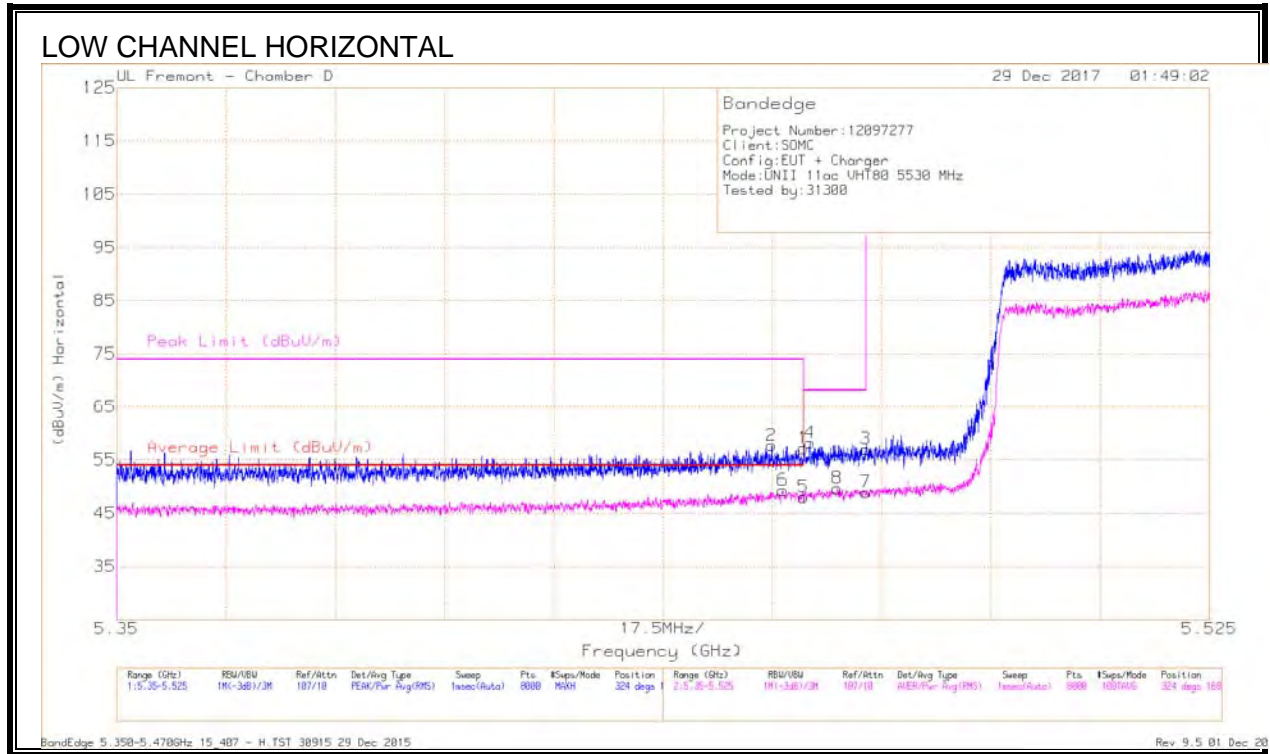
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 10.1.12.11ac HT80 2TX CDD MIMO MODE IN THE 5.6GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)



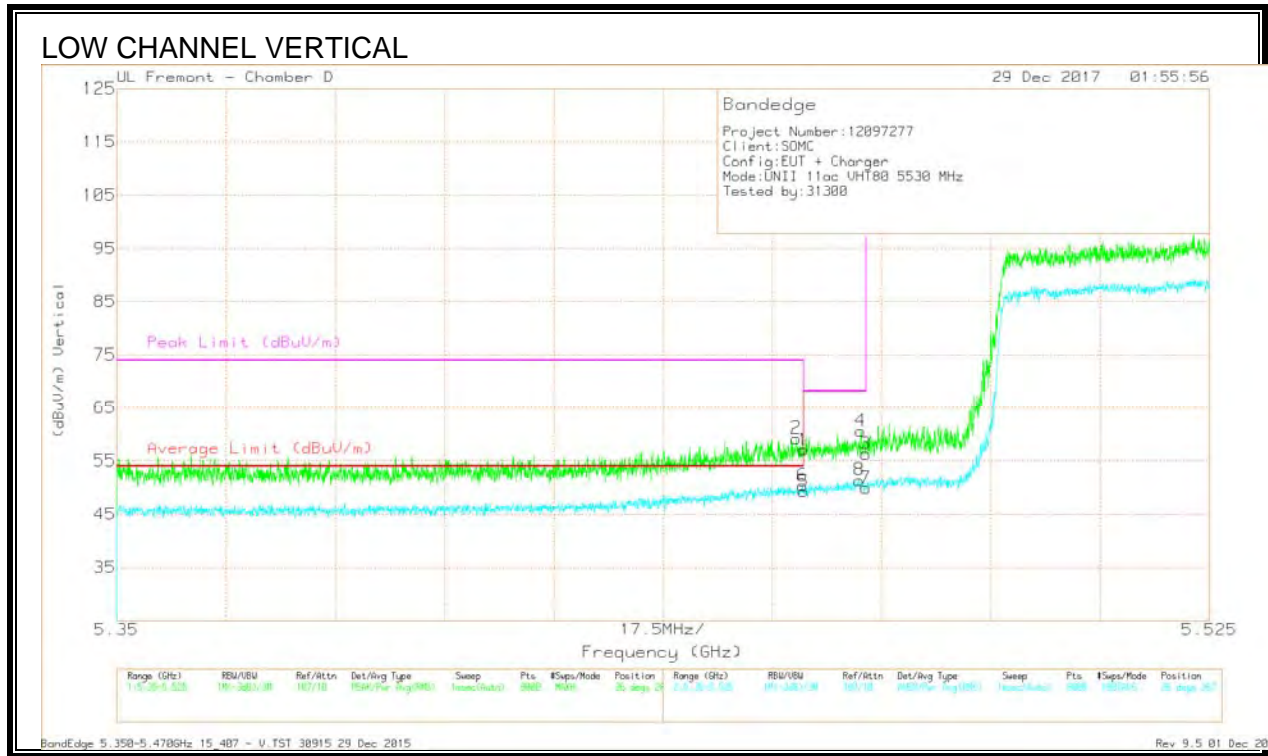
#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 5.455	40.96	Pk	34.4	-17.7	0	57.66	-	-	74	-16.34	324	168	H
6	* 5.457	31.84	RMS	34.4	-17.7	.73	49.27	54	-4.73	-	-	324	168	H
1	* 5.46	40.33	Pk	34.4	-17.6	0	57.13	-	-	74	-16.87	324	168	H
5	* 5.46	30.48	RMS	34.4	-17.6	.73	48.01	54	-5.99	-	-	324	168	H
4	5.461	41.32	Pk	34.4	-17.6	0	58.12	-	-	68.2	-10.08	324	168	H
8	5.465	32.1	RMS	34.4	-17.6	.73	49.63	-	-	-	-	324	168	H
3	5.47	40.18	Pk	34.4	-17.6	0	56.98	-	-	68.2	-11.22	324	168	H
7	5.47	31.38	RMS	34.4	-17.6	.73	48.91	-	-	-	-	324	168	H

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

Pk - Peak detector

RMS - RMS detection



Trace Markers

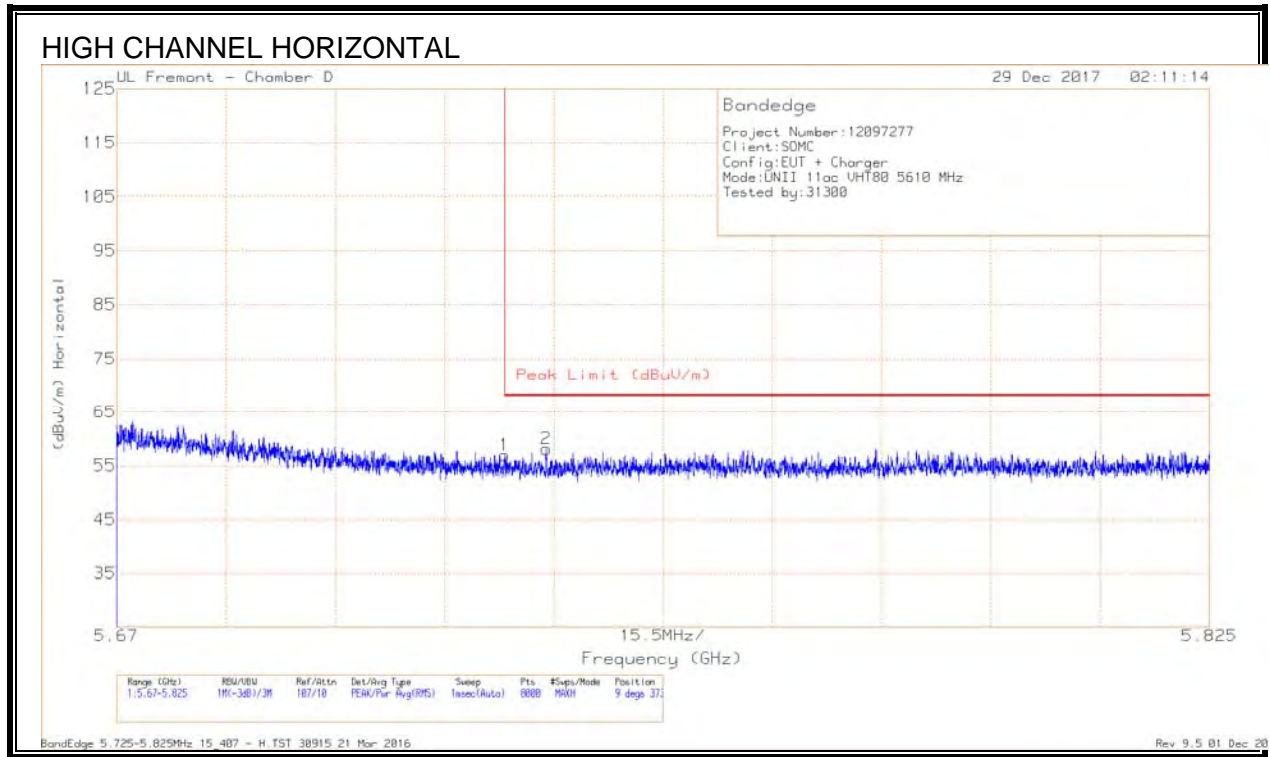
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.459	42.47	Pk	34.4	-17.7	0	59.17	-	-	74	-14.83	26	267	V
1	* 5.46	40.23	Pk	34.4	-17.6	0	57.03	-	-	74	-16.97	26	267	V
5	* 5.46	31.69	RMS	34.4	-17.6	.73	49.22	54	-4.78	-	-	26	267	V
6	* 5.46	32.82	RMS	34.4	-17.6	.73	50.35	54	-3.65	-	-	26	267	V
4	5.469	43.79	Pk	34.4	-17.6	0	60.59	-	-	68.2	-7.61	26	267	V
8	5.469	33.83	RMS	34.4	-17.6	.73	51.36	-	-	-	-	26	267	V
3	5.47	39.46	Pk	34.4	-17.6	0	56.26	-	-	68.2	-11.94	26	267	V
7	5.47	32.39	RMS	34.4	-17.6	.73	49.92	-	-	-	-	26	267	V

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

Pk - Peak detector

RMS - RMS detection

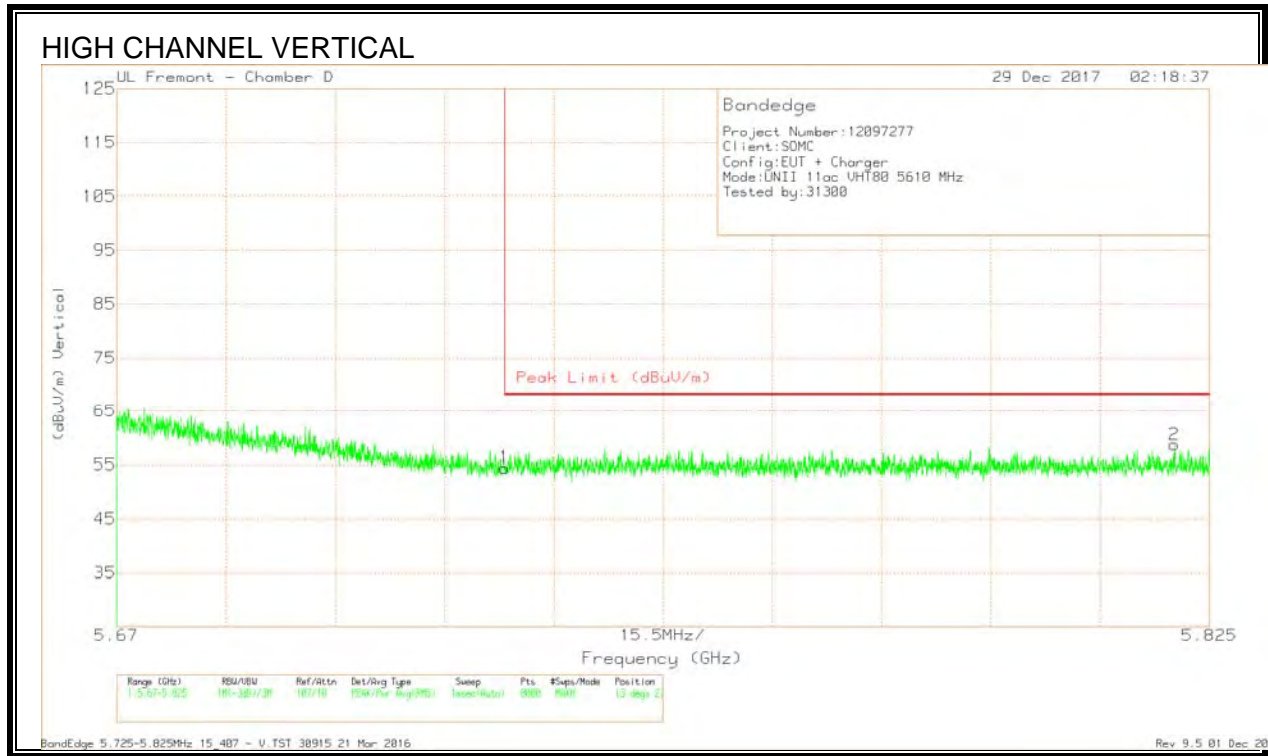
**AUTHORIZED BANDEDGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.29	Pk	34.8	-17.2	0	56.89	68.2	-11.31	9	373	H
2	5.731	40.5	Pk	34.8	-17.2	0	58.1	68.2	-10.1	9	373	H

Pk - Peak detector

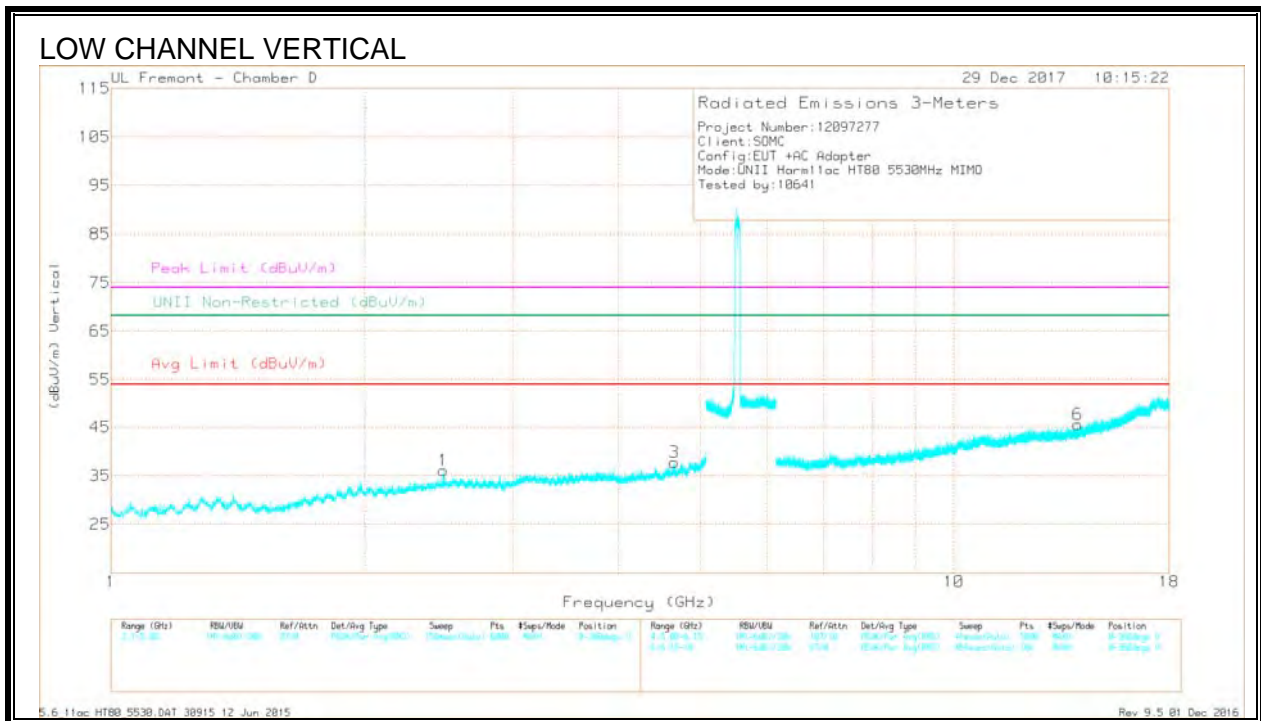
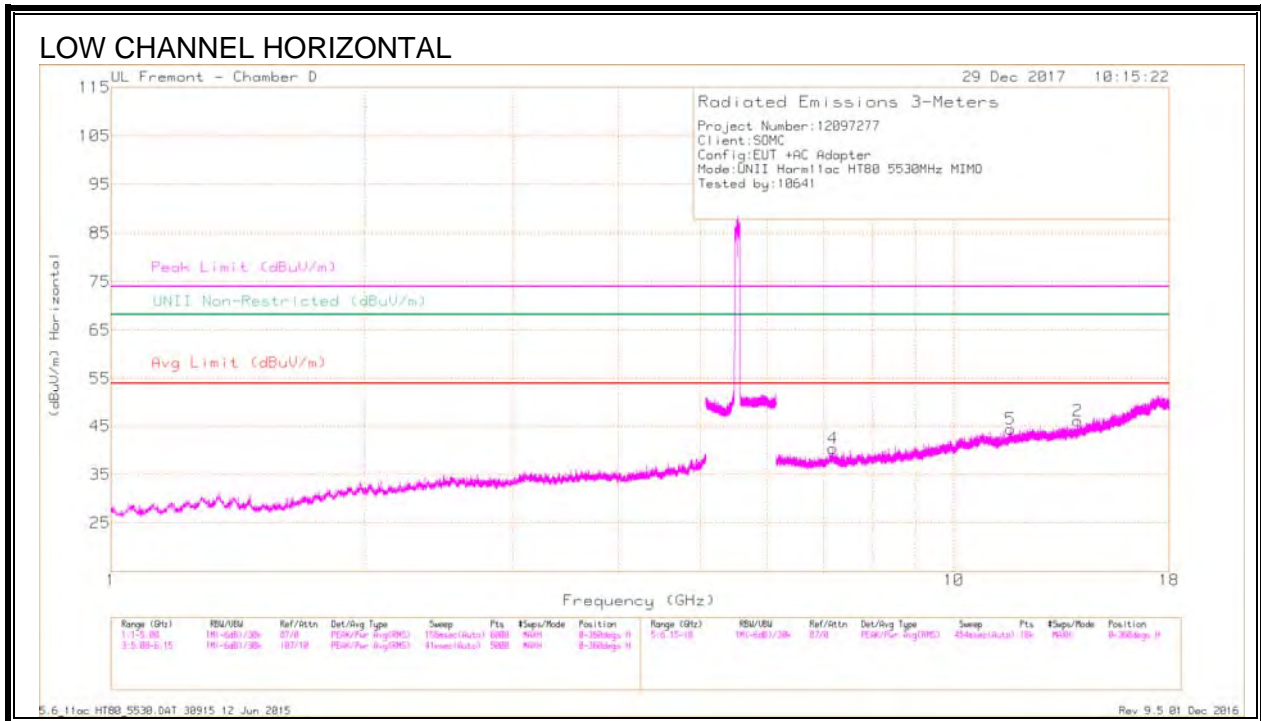


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.84	Pk	34.8	-17.2	0	54.44	68.2	-13.76	13	274	V
2	5.82	41.16	Pk	34.8	-17.2	0	58.76	68.2	-9.44	13	274	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

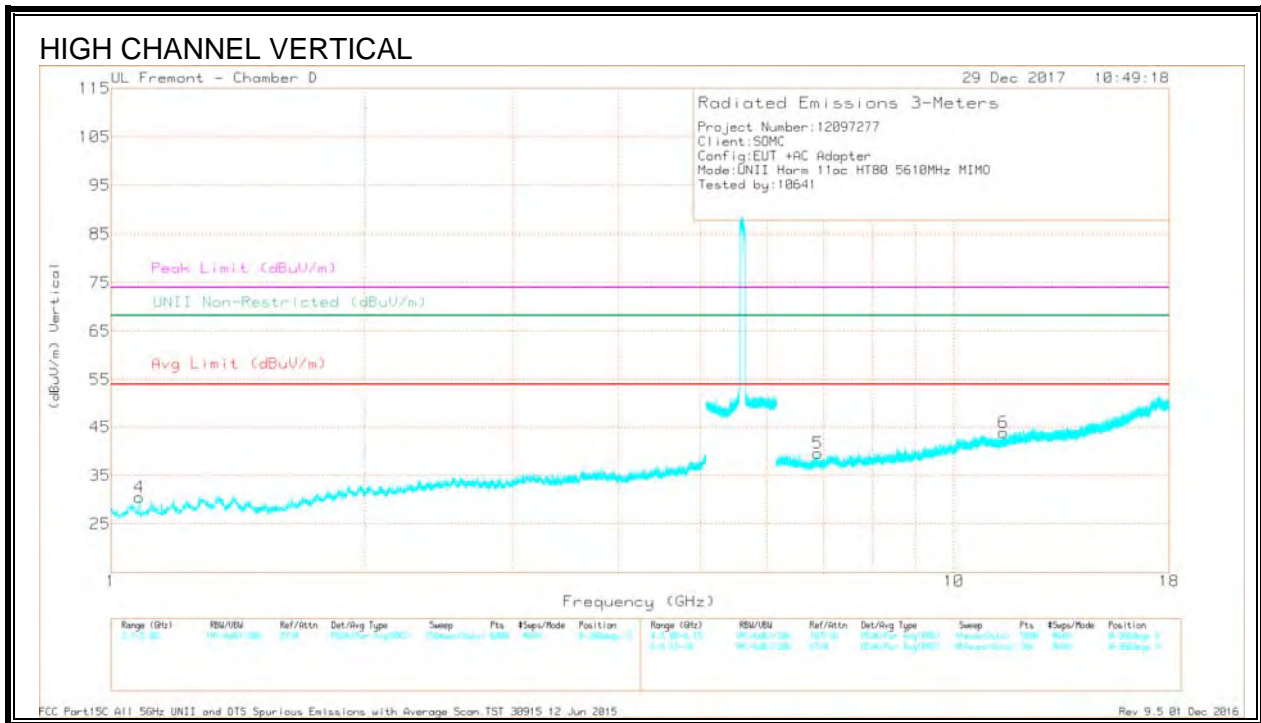
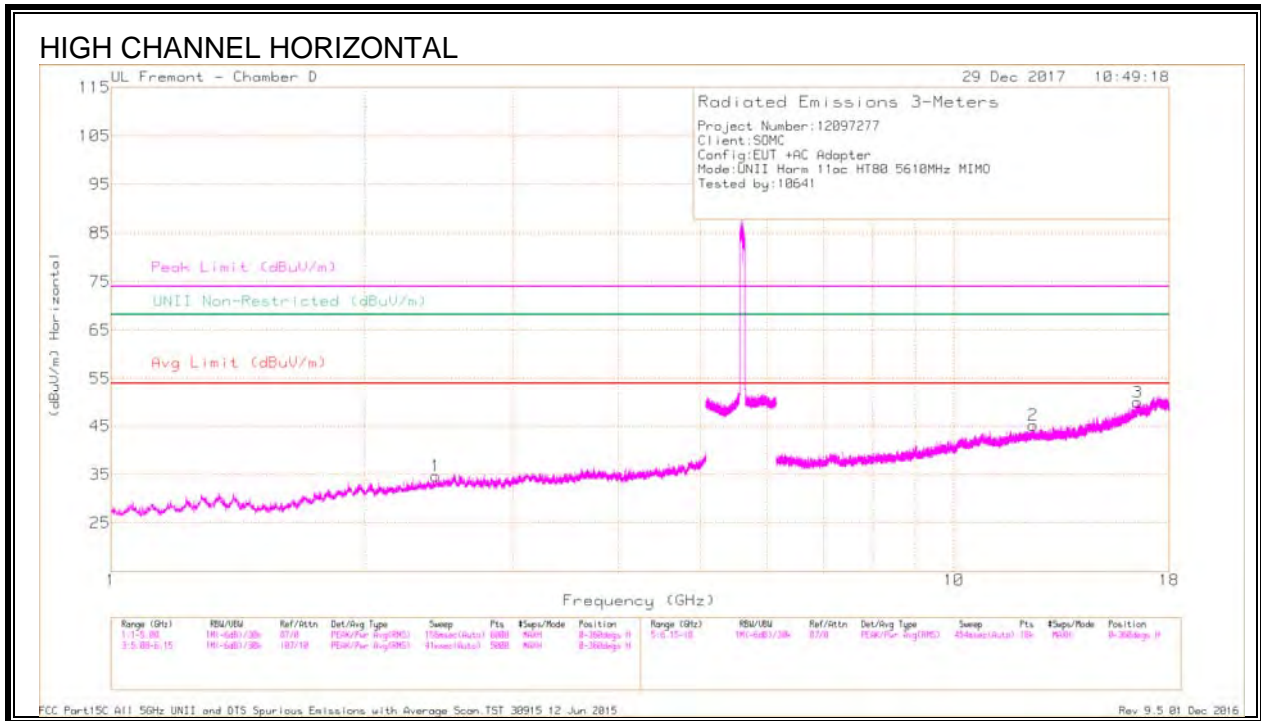




Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 4.661	36.24	PK-U	33.8	-27.3	0	42.74	-	-	74	-31.26	-	-	132	138	V
	* 4.663	24.69	ADR	33.8	-27.5	.73	31.72	54	-22.28	-	-	-	-	132	138	V
5	* 11.669	31.36	PK-U	38.2	-20	0	49.56	-	-	74	-24.44	-	-	307	280	H
	* 11.669	19.87	ADR	38.2	-20	.73	38.8	54	-15.2	-	-	-	-	307	280	H
1	2.48	39.86	PK-U	32.5	-30.2	0	42.16	-	-	-	-	68.2	-26.04	126	334	V
4	7.177	33.67	PK-U	35.5	-23.4	0	45.77	-	-	-	-	68.2	-22.43	360	256	H
6	14.028	33.69	PK-U	38.8	-22.1	0	50.39	-	-	-	-	68.2	-17.81	4	255	H
2	14.031	34.06	PK-U	38.8	-22.1	0	50.76	-	-	-	-	68.2	-17.44	8	358	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



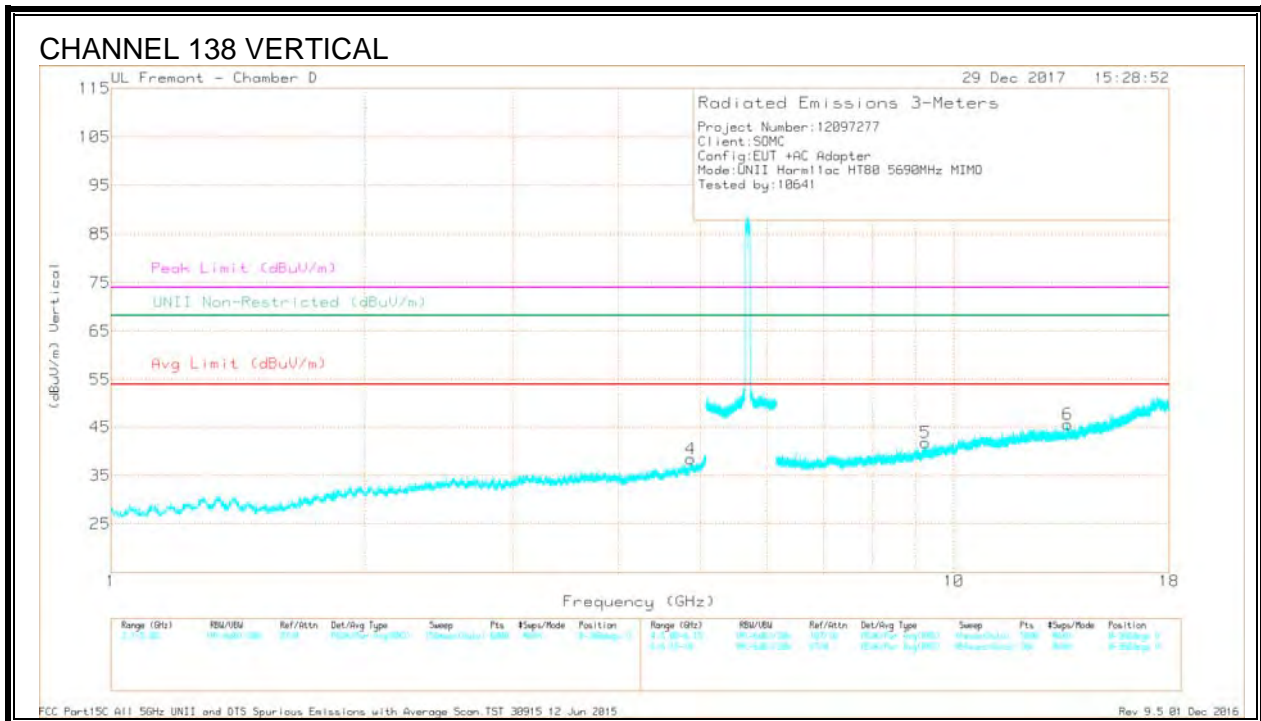
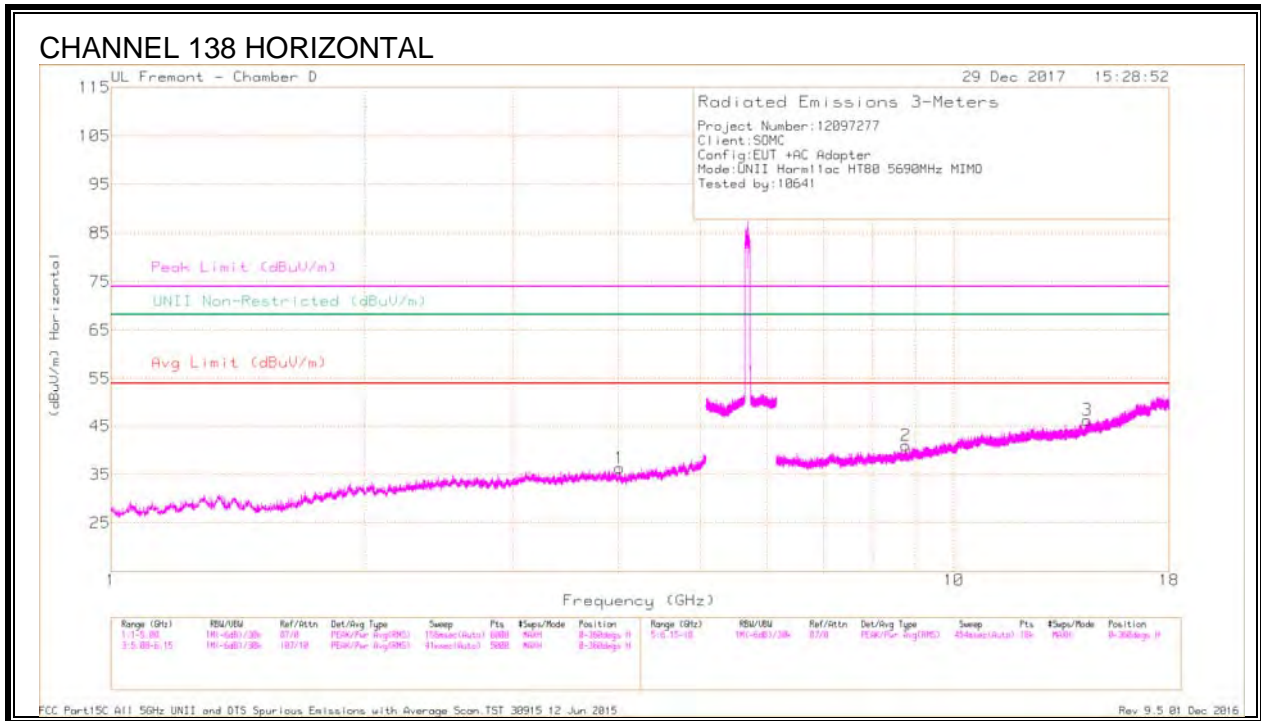
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 1.08	40.43	PK-U	27.8	-31.7	0	36.53	-	-	74	-37.47	-	-	92	187	V
	* 1.08	26.92	ADR	27.8	-31.7	.73	23.75	54	-30.25	-	-	-	-	92	187	V
2	* 12.416	32.16	PK-U	38.9	-20.6	0	50.46	-	-	74	-23.54	-	-	92	252	H
	* 12.416	20.27	ADR	38.9	-20.6	.73	39.3	54	-14.7	-	-	-	-	92	252	H
6	* 11.458	31.44	PK-U	38	-20.5	0	48.94	-	-	74	-25.06	-	-	59	185	V
	* 11.458	20.03	ADR	38	-20.5	.73	38.26	54	-15.74	-	-	-	-	59	185	V
1	2.428	38.81	PK-U	32.3	-30.4	0	40.71	-	-	-	-	68.2	-27.49	204	282	H
5	6.889	34.6	PK-U	35.5	-25.2	0	44.9	-	-	-	-	68.2	-23.3	216	108	V
3	16.505	31.59	PK-U	41.6	-17.5	0	55.69	-	-	-	-	68.2	-12.51	303	157	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



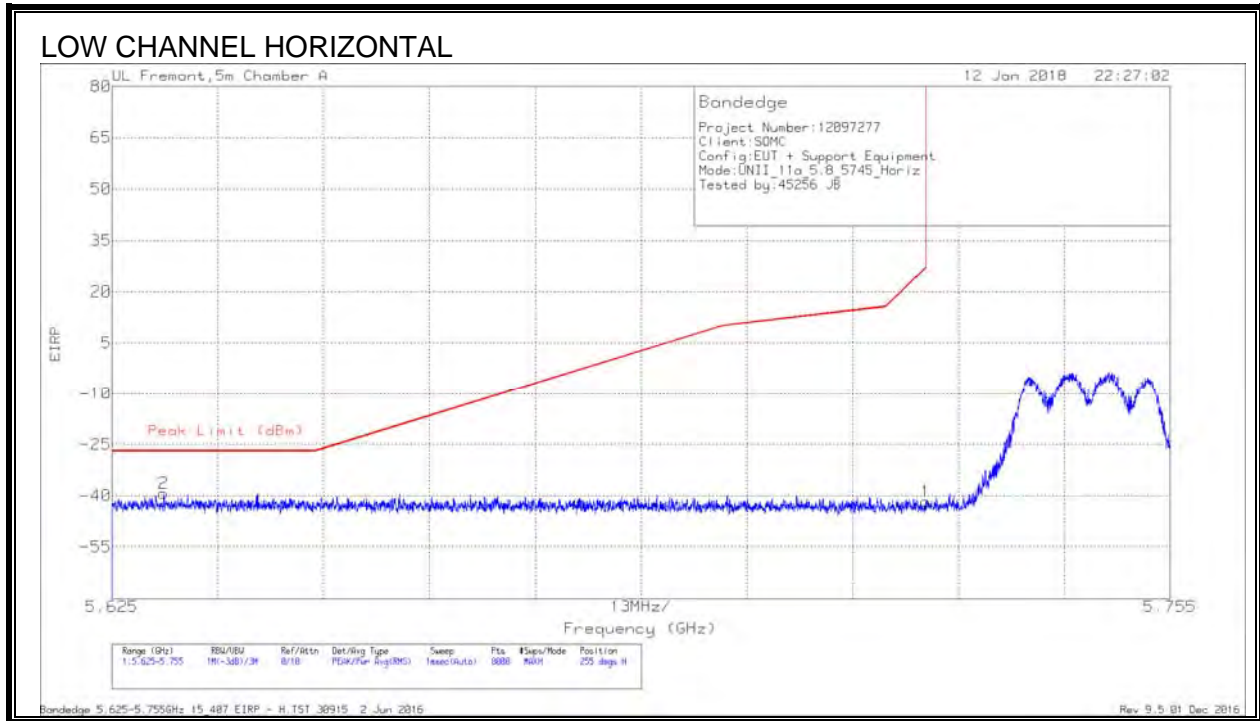
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 4.011	35.87	PK-U	33.4	-28	0	41.27	-	-	74	-32.73	-	-	120	309	H
	* 4.012	24.51	ADR	33.4	-28	.73	30.64	54	-23.36	-	-	-	-	120	309	H
4	* 4.876	34.3	PK-U	34	-24.8	0	43.5	-	-	74	-30.5	-	-	67	246	V
	* 4.874	22.58	ADR	34	-24.7	.73	32.61	54	-21.39	-	-	-	-	67	246	V
2	8.768	32.07	PK-U	35.8	-22.5	0	45.37	-	-	-	-	68.2	-22.83	86	264	H
5	9.244	32.5	PK-U	36.2	-21.4	0	47.3	-	-	-	-	68.2	-20.9	7	312	V
6	13.641	34.26	PK-U	38.7	-21.7	0	51.26	-	-	-	-	68.2	-16.94	316	118	V
3	14.398	33.7	PK-U	39.6	-21.5	0	51.8	-	-	-	-	68.2	-16.4	280	106	H

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

**10.1.13.11a 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

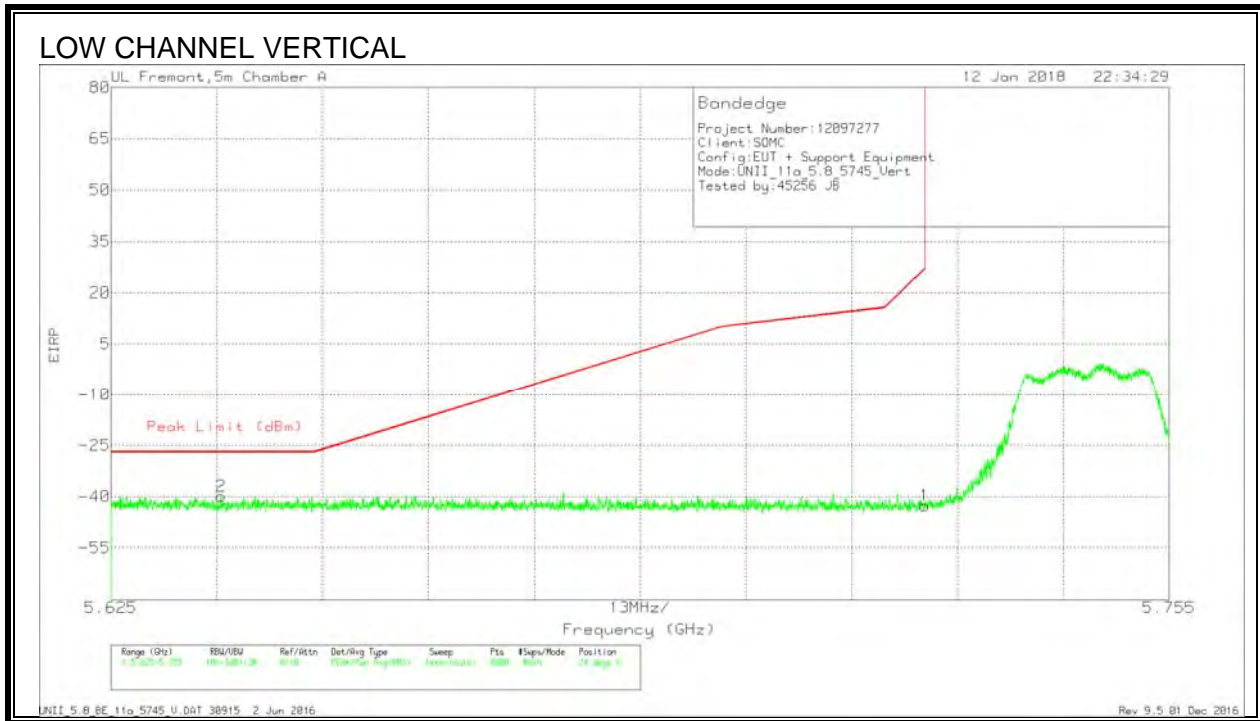


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-67.74	Pk	35.1	-18.5	11.8	0	-39.34	-27	-12.34	255	257	H
1	5.725	-70.09	Pk	35	-18.5	11.8	0	-41.79	27	-68.79	255	257	H

Pk - Peak detector



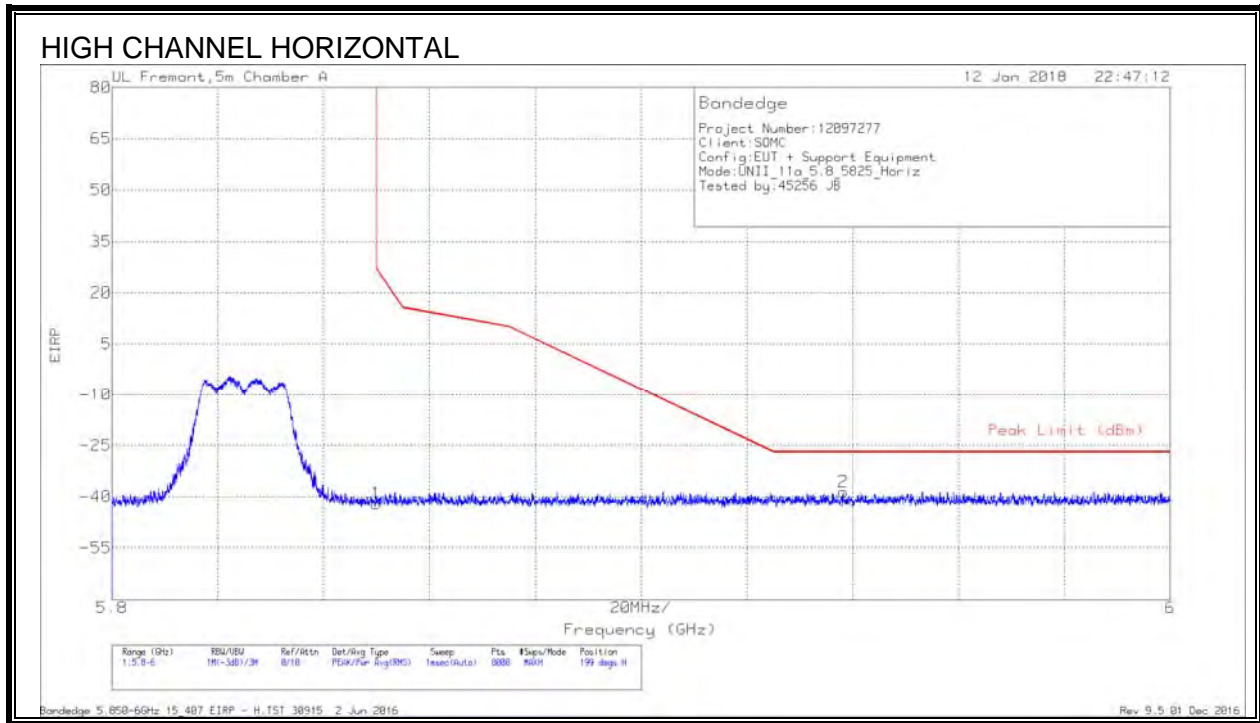


Trace Markers

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	5.638	-68.36	Pk	35.1	-18.5	11.8	0	-39.96	-27	-12.96	24	278	V
1	5.725	-70.88	Pk	35	-18.5	11.8	0	-42.58	27	-69.58	24	278	V

Pk - Peak detector

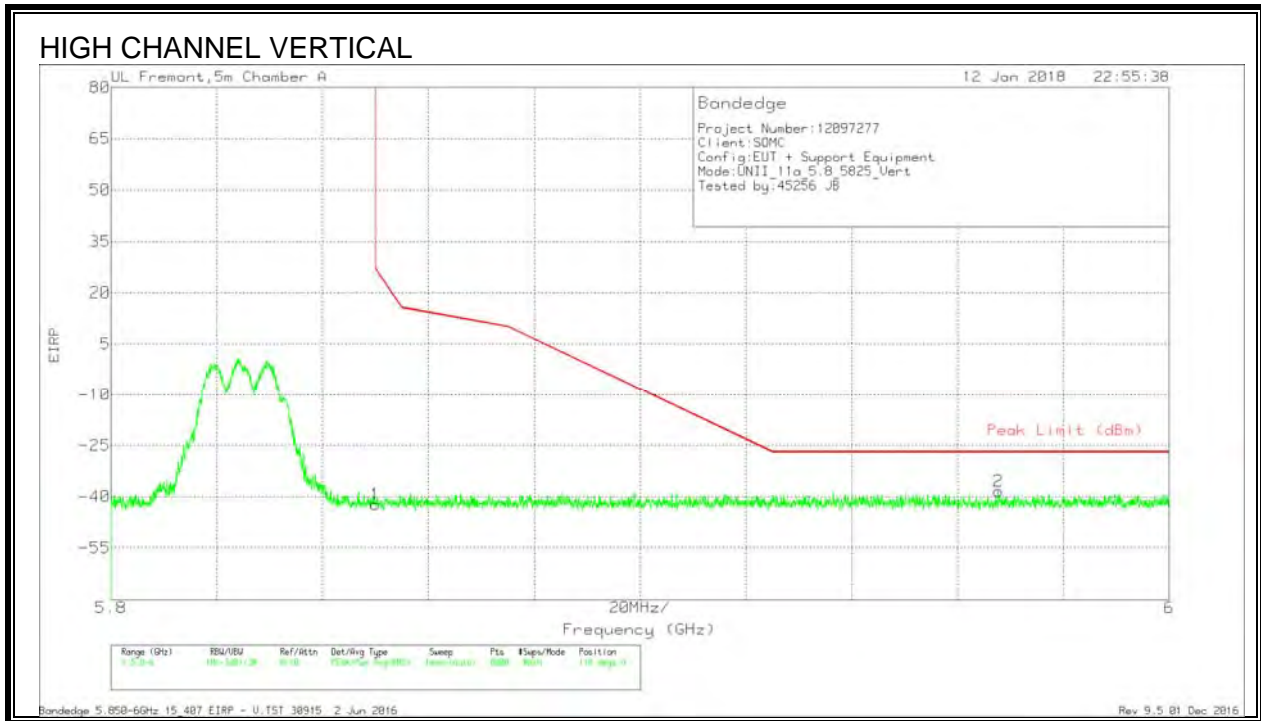
**AUTHORIZED BANDEDGE (HIGH CHANNEL)**



Trace Markers

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	-70.6	Pk	35.1	-18.3	11.8	0	-42	26.99	-68.99	199	184	H
2	5.938	-67.68	Pk	35.3	-18	11.8	0	-38.58	-27	-11.58	199	184	H

Pk - Peak detector

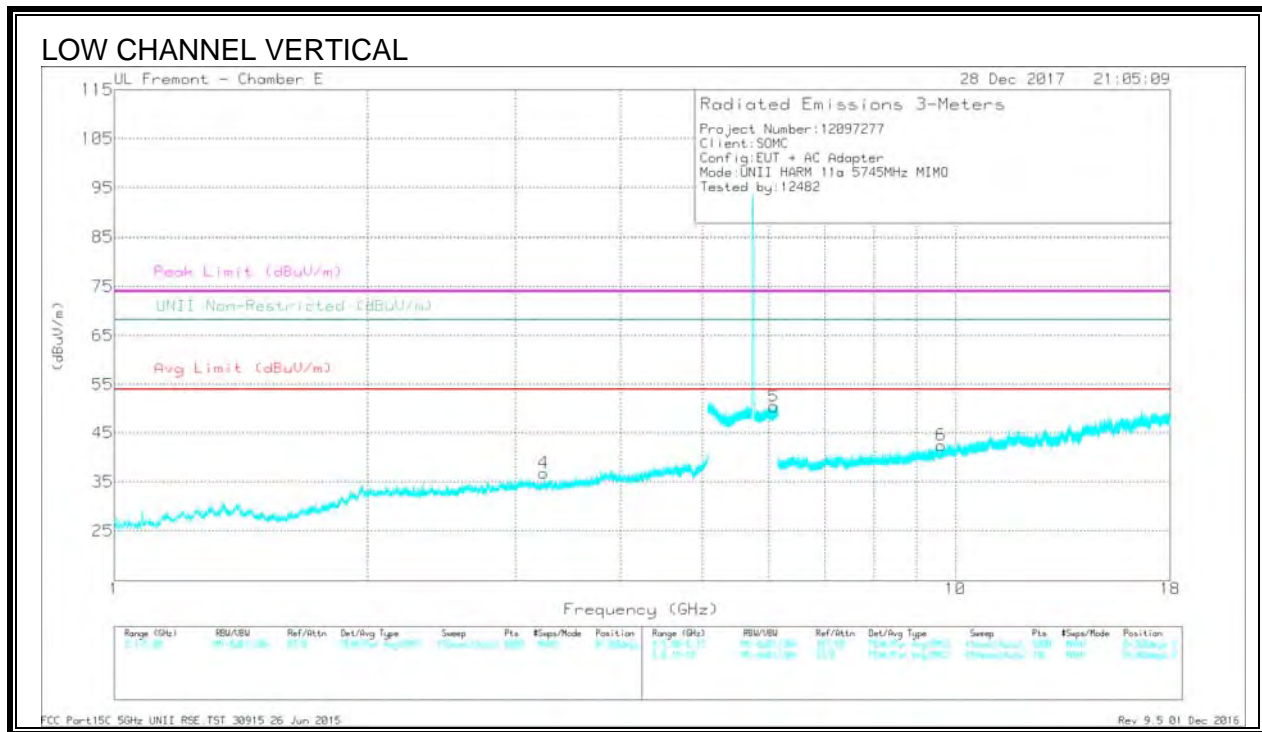
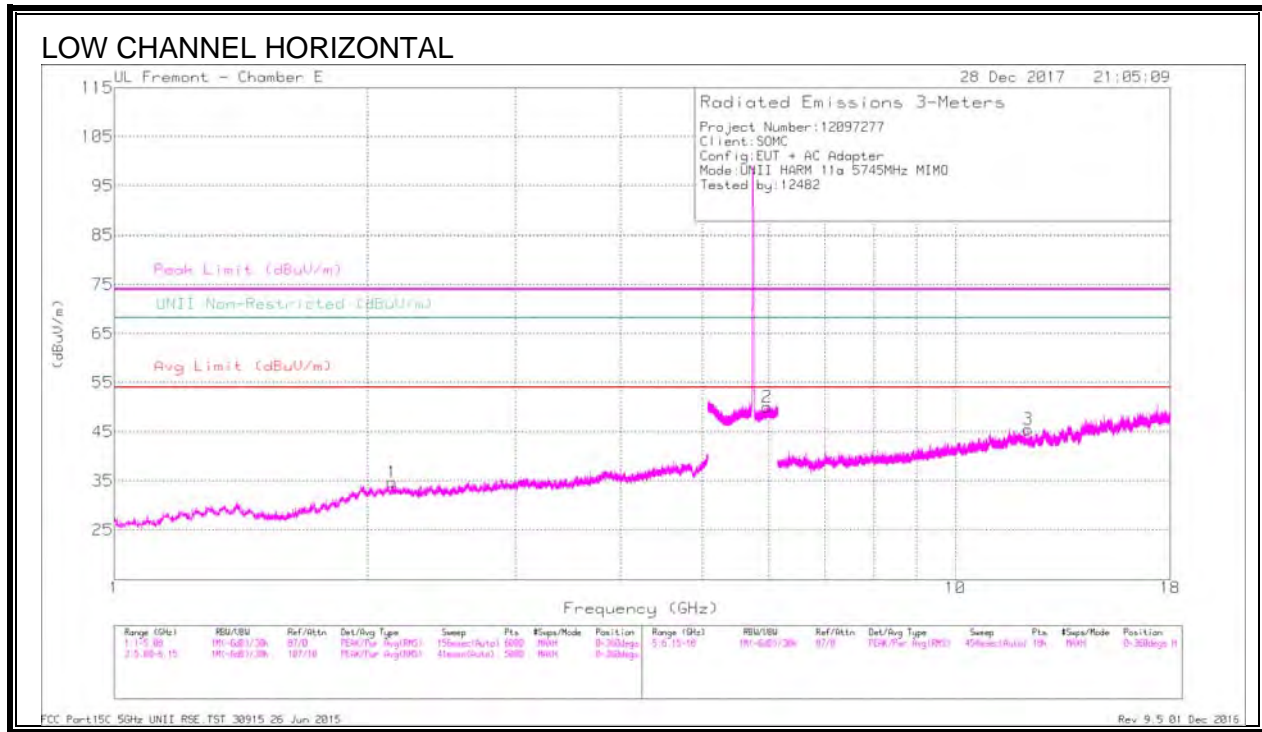


Trace Markers

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	-70.85	Pk	35.1	-18.3	11.8	0	-42.25	26.99	-69.24	118	204	V
2	5.968	-67.48	Pk	35.3	-18.1	11.8	0	-38.48	-27	-11.48	118	204	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



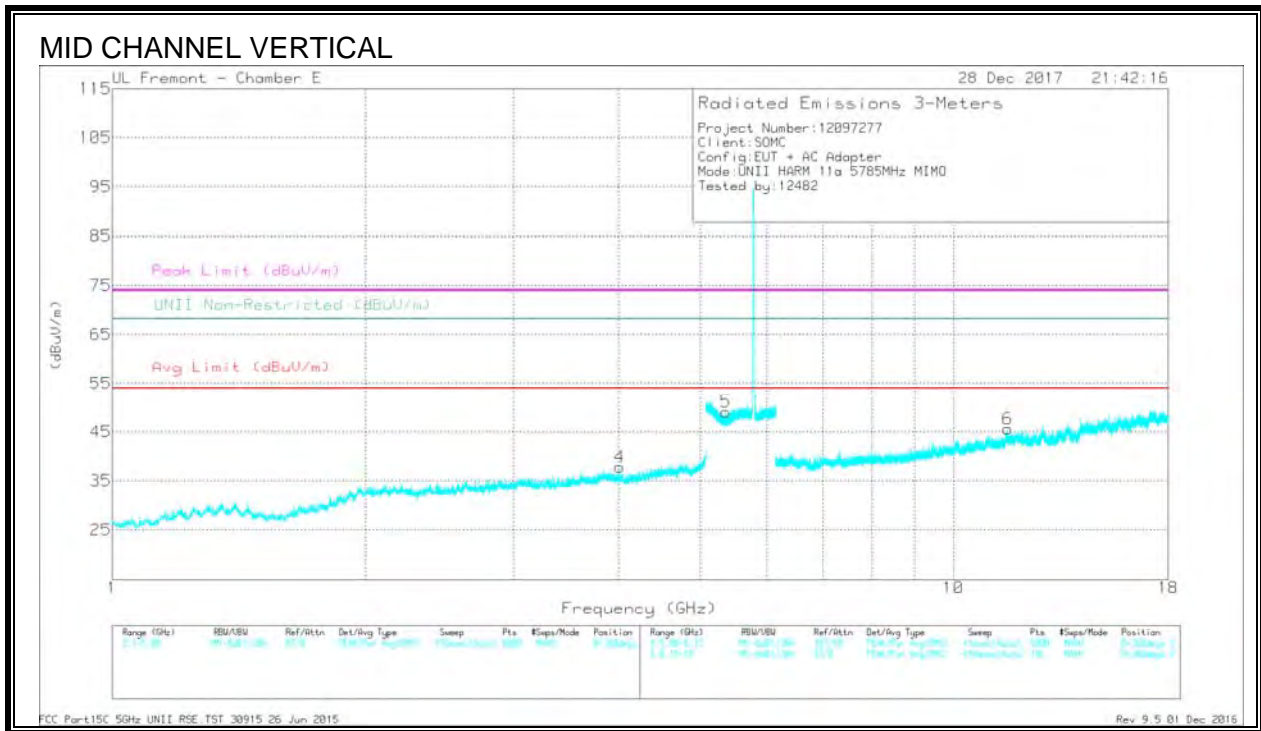
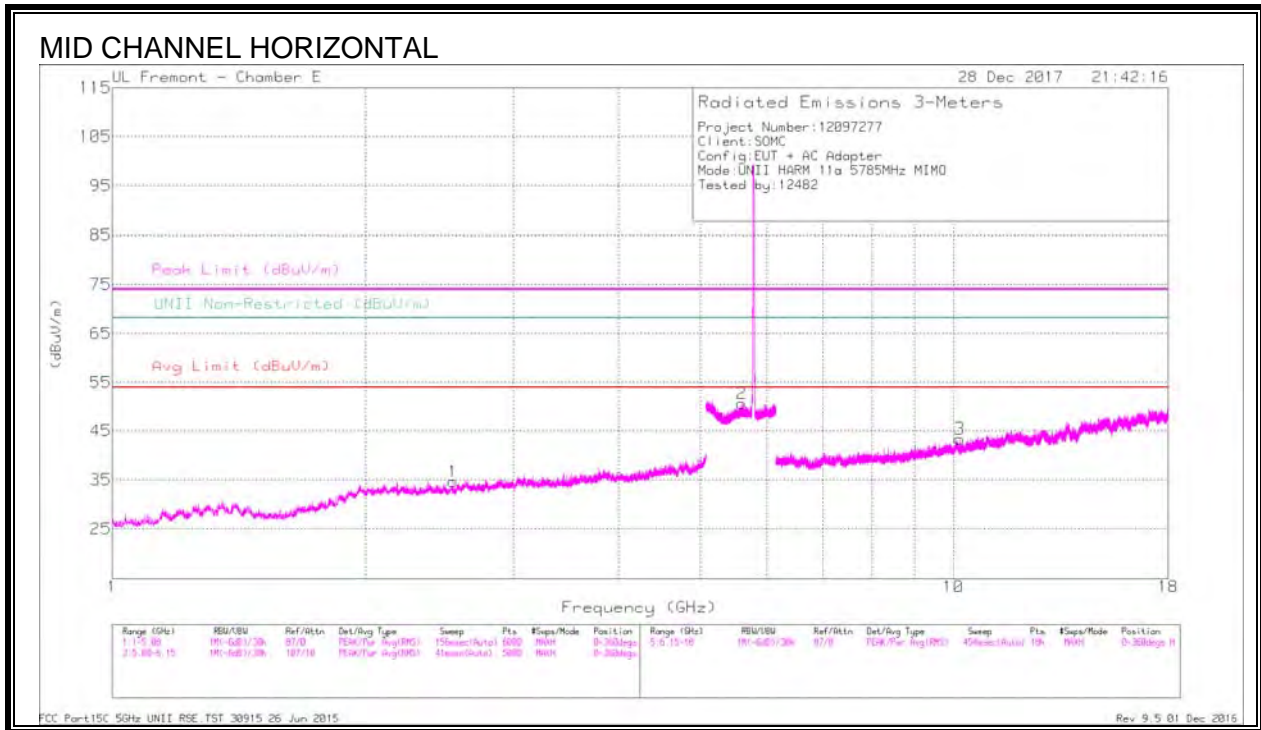
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 12.191	34.26	PK-U	39.1	-23.5	0	49.86	-	-	74	-24.14	-	-	127	370	H
	* 12.192	22.86	ADR	39	-23.5	0	38.36	54	-15.64	-	-	-	-	127	370	H
1	2.143	40.78	PK-U	32.1	-32.6	0	40.28	-	-	-	-	68.2	-27.92	290	129	H
4	3.241	40.11	PK-U	32.9	-31.1	0	41.91	-	-	-	-	68.2	-26.29	226	310	V
2	5.975	39.36	PK-U	35.3	-18.6	0	56.06	-	-	-	-	68.2	-12.14	143	307	H
5	6.081	38.84	PK-U	35.5	-18.4	0	55.94	-	-	-	-	68.2	-12.26	26	207	V
6	9.611	36.87	PK-U	37.3	-24.9	0	49.27	-	-	-	-	68.2	-18.93	152	369	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





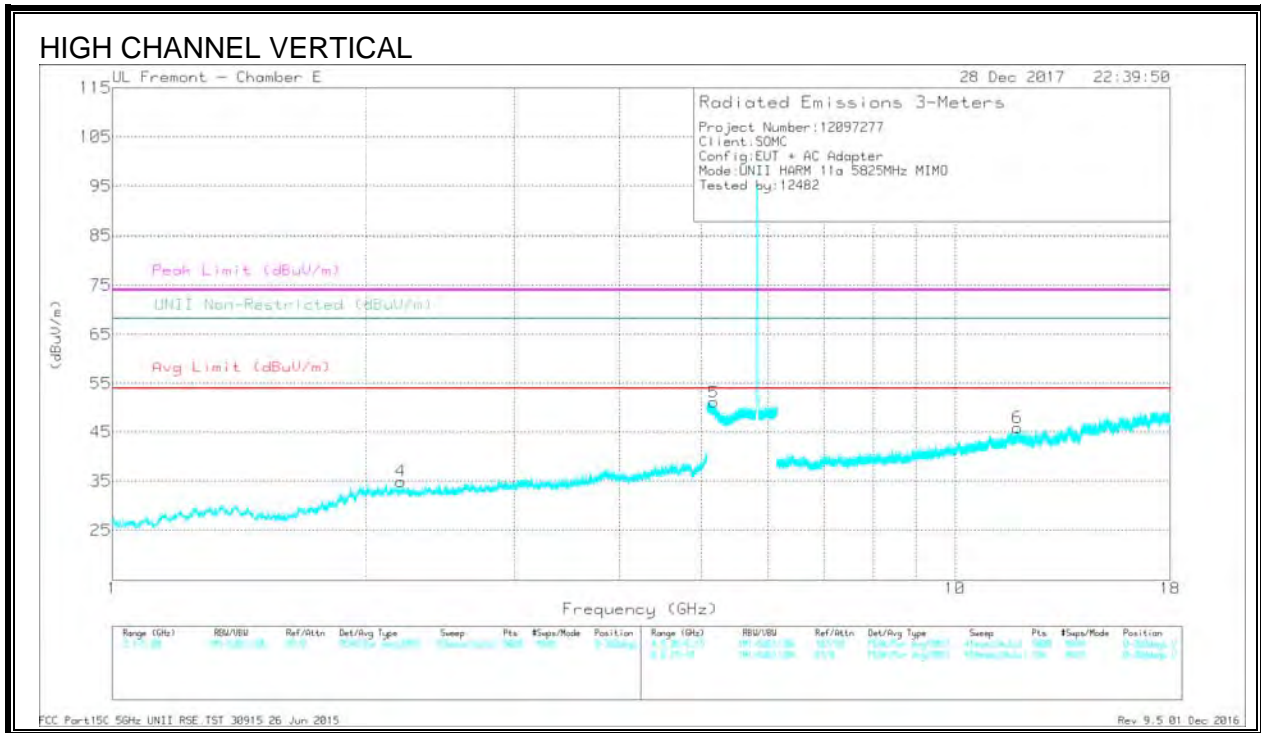
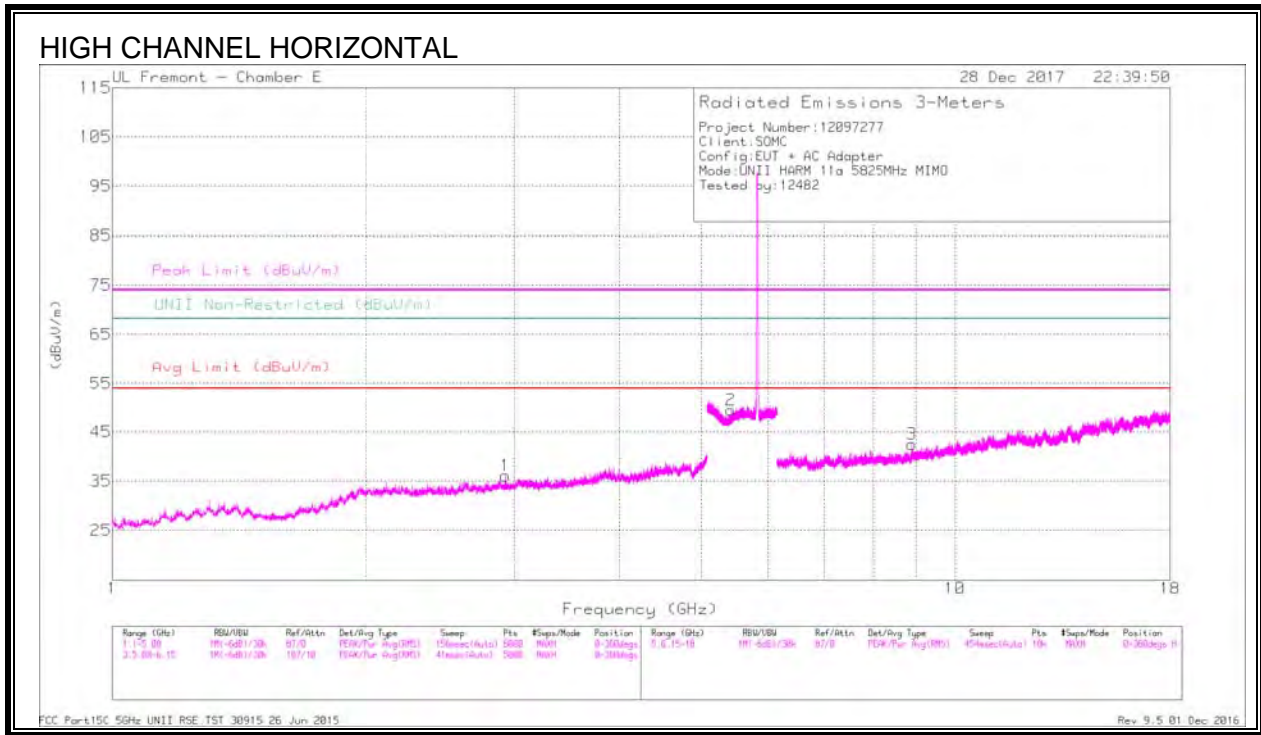
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.009	38.29	PK-U	33.7	-29.3	0	42.69	-	-	74	-31.31	-	-	271	361	V
	* 4.009	26.72	ADR	33.7	-29.3	0	31.12	54	-22.88	-	-	-	-	271	361	V
5	* 5.367	38.15	PK-U	35	-18.9	0	54.25	-	-	74	-19.75	-	-	28	149	V
	* 5.367	26.76	ADR	35	-18.9	0	42.86	54	-11.14	-	-	-	-	28	149	V
6	* 11.598	34.98	PK-U	38.7	-22	0	51.68	-	-	74	-22.32	-	-	91	136	V
	* 11.6	22.61	ADR	38.7	-22.1	0	39.21	54	-14.79	-	-	-	-	91	136	V
1	2.541	40.65	PK-U	32.1	-32.6	0	40.15	-	-	-	-	68.2	-28.05	118	290	H
2	5.605	39.64	PK-U	35	-19.1	0	55.54	-	-	-	-	68.2	-12.66	116	375	H
3	10.171	35.32	PK-U	37.5	-24.1	0	48.72	-	-	-	-	68.2	-19.48	91	366	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 2.2	41.3	PK-U	32.1	-33.6	0	39.8	-	-	74	-34.2	-	-	233	397	V
	*2.199	29.57	ADR	32.1	-33.4	0	28.27	54	-25.73	-	-	-	-	233	397	V
2	* 5.423	38.79	PK-U	35.1	-18.9	0	54.99	-	-	74	-19.01	-	-	5	400	H
	* 5.422	27.08	ADR	35.1	-18.9	0	43.28	54	-10.72	-	-	-	-	5	400	H
6	* 11.863	34.67	PK-U	39.4	-22.9	0	51.17	-	-	74	-22.83	-	-	257	348	V
	* 11.863	22.86	ADR	39.4	-22.9	0	39.36	54	-14.64	-	-	-	-	257	348	V
1	2.929	39.21	PK-U	32.8	-31.4	0	40.61	-	-	-	-	68.2	-27.59	43	204	H
5	5.172	39.71	PK-U	34.8	-18.4	0	56.11	-	-	-	-	68.2	-12.09	46	185	V
3	8.881	36.93	PK-U	36.8	-25.7	0	48.03	-	-	-	-	68.2	-20.17	269	107	H

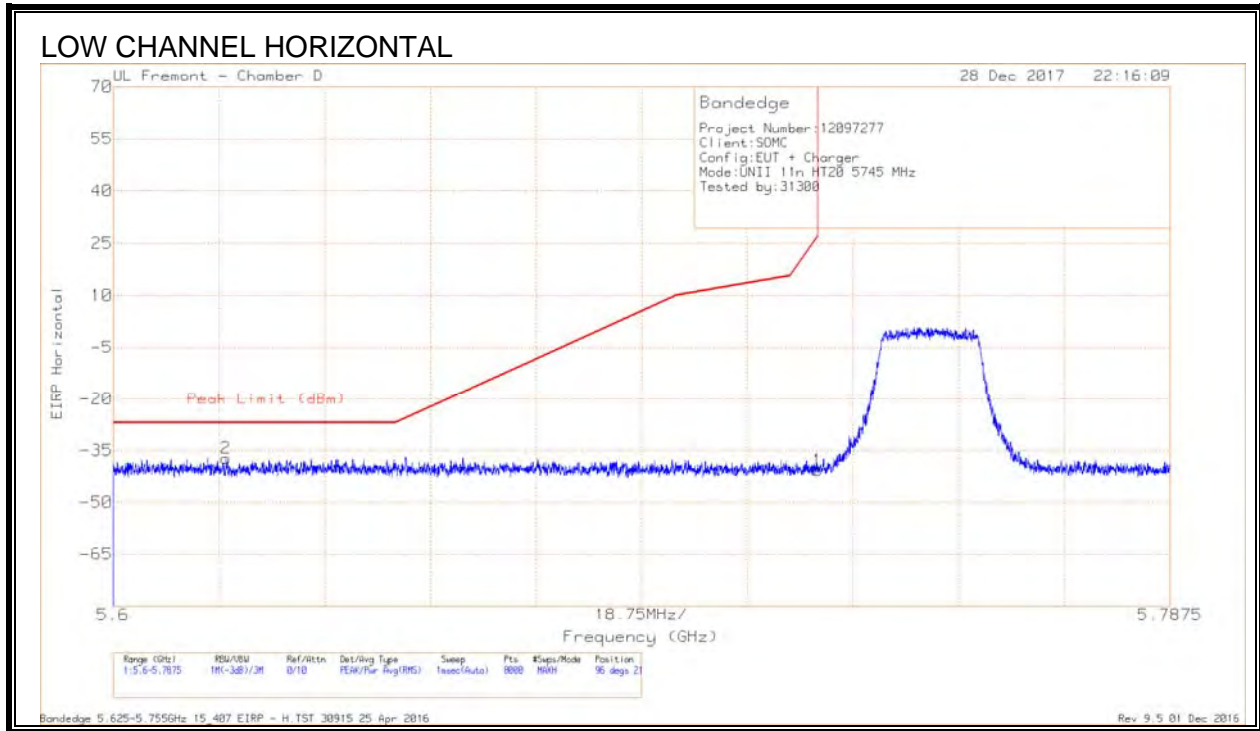
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 10.1.14. 11n HT20 2TX CDD MIMO MODE IN THE 5.8GHz BAND

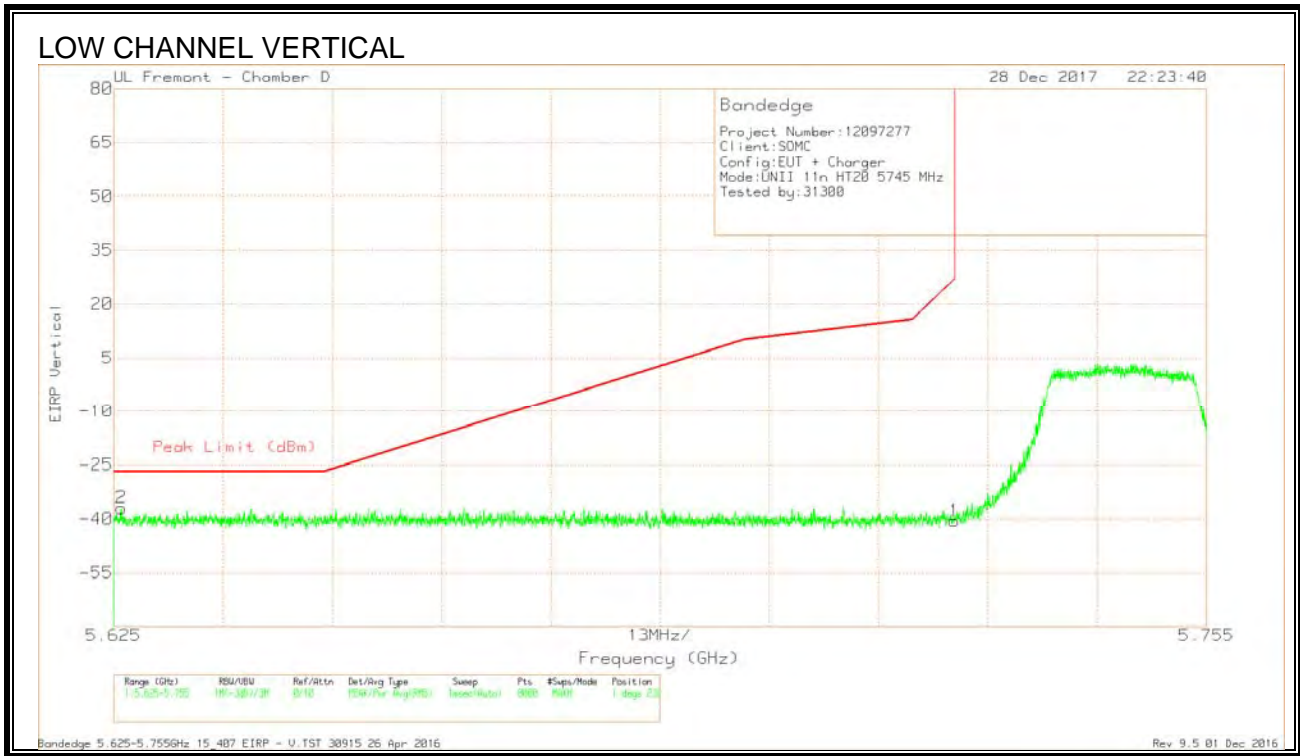
#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	5.62	-66.47	Pk	34.7	-17.3	11.8	0	-37.27	-27	-10.27	96	216	H
1	5.725	-70.17	Pk	34.8	-17.2	11.8	0	-40.77	26.96	-67.73	96	216	H

Pk - Peak detector

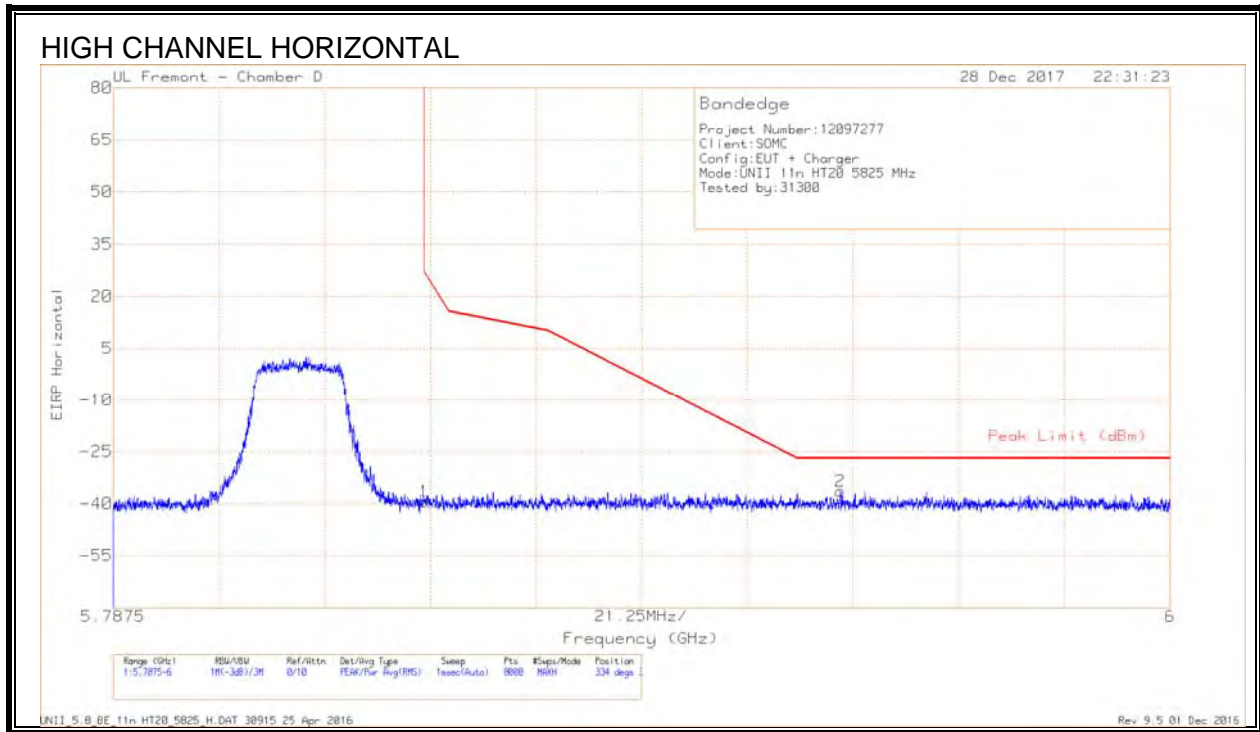


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	5.626	-66.32	Pk	34.7	-17.2	11.8	0	-37.02	-27	-10.02	1	236	V
1	5.725	-70.03	Pk	34.8	-17.2	11.8	0	-40.63	27	-67.63	1	236	V

Pk - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

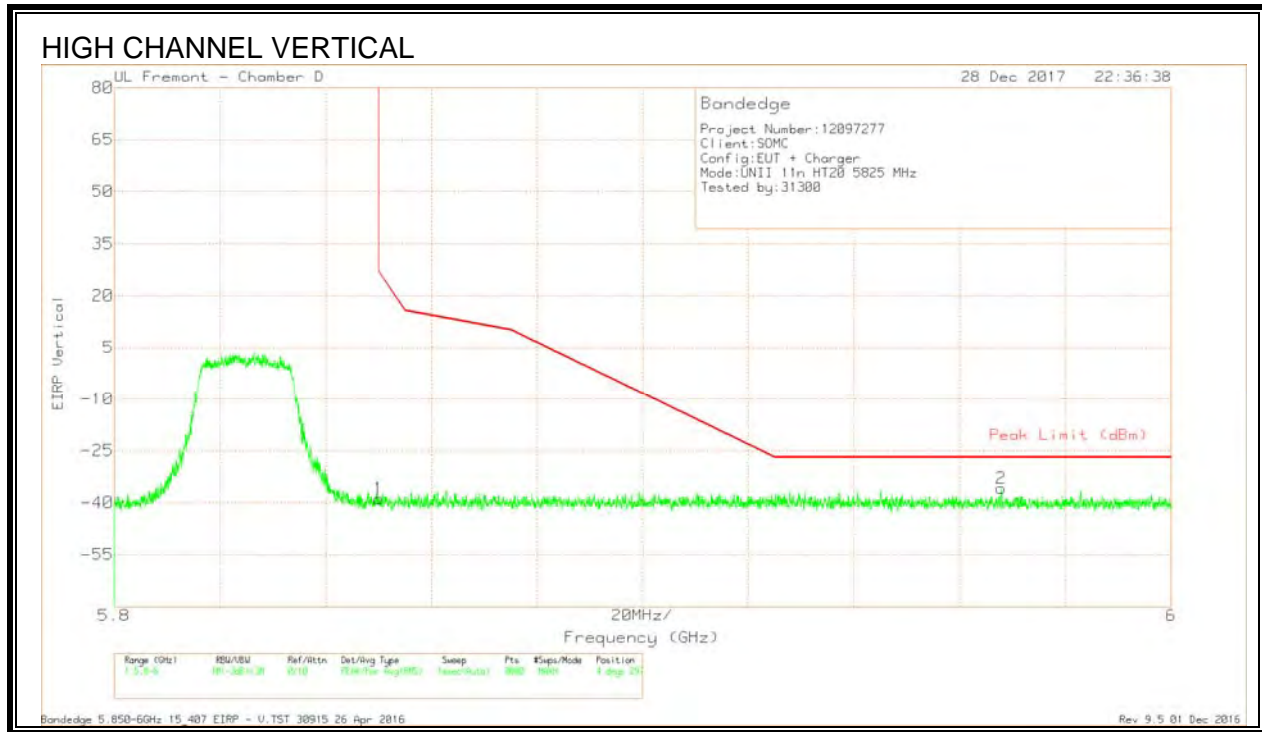


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-68.98	Pk	34.8	-17.1	11.8	0	-39.48	26.98	-66.46	334	357	H
2	5.934	-66.26	Pk	35	-17	11.8	0	-36.46	-27	-9.46	334	357	H

Pk - Peak detector



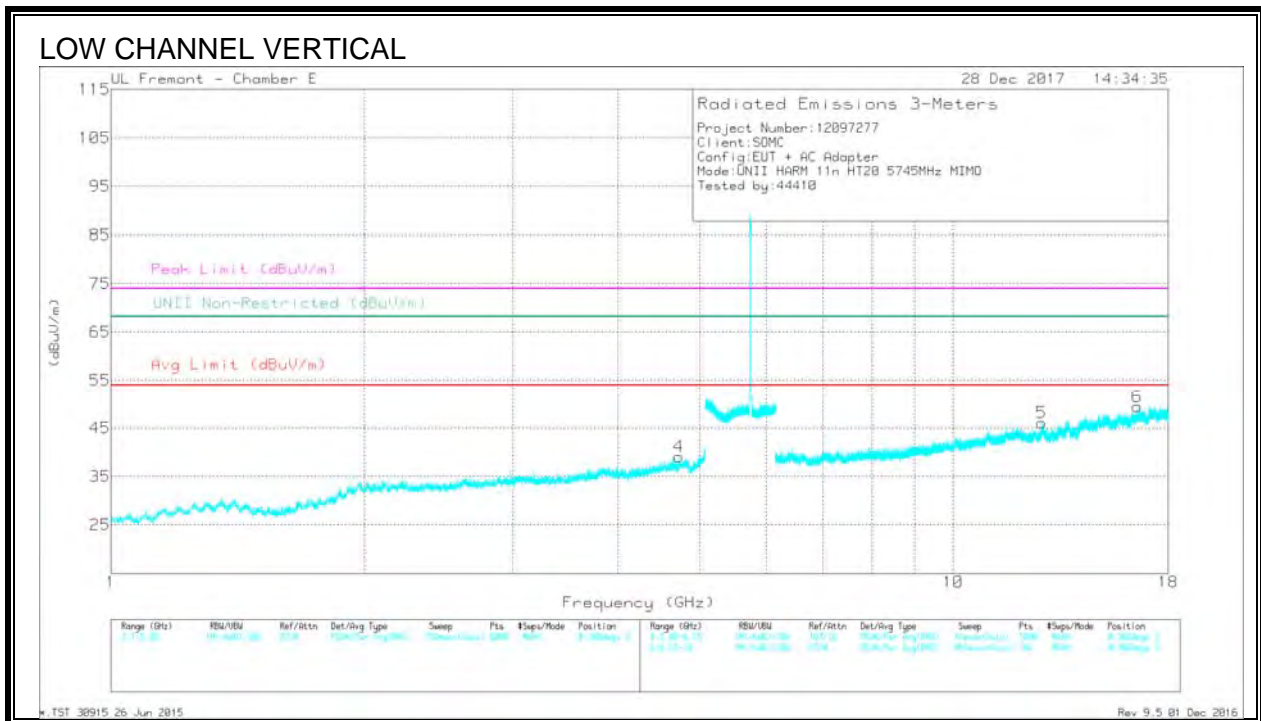
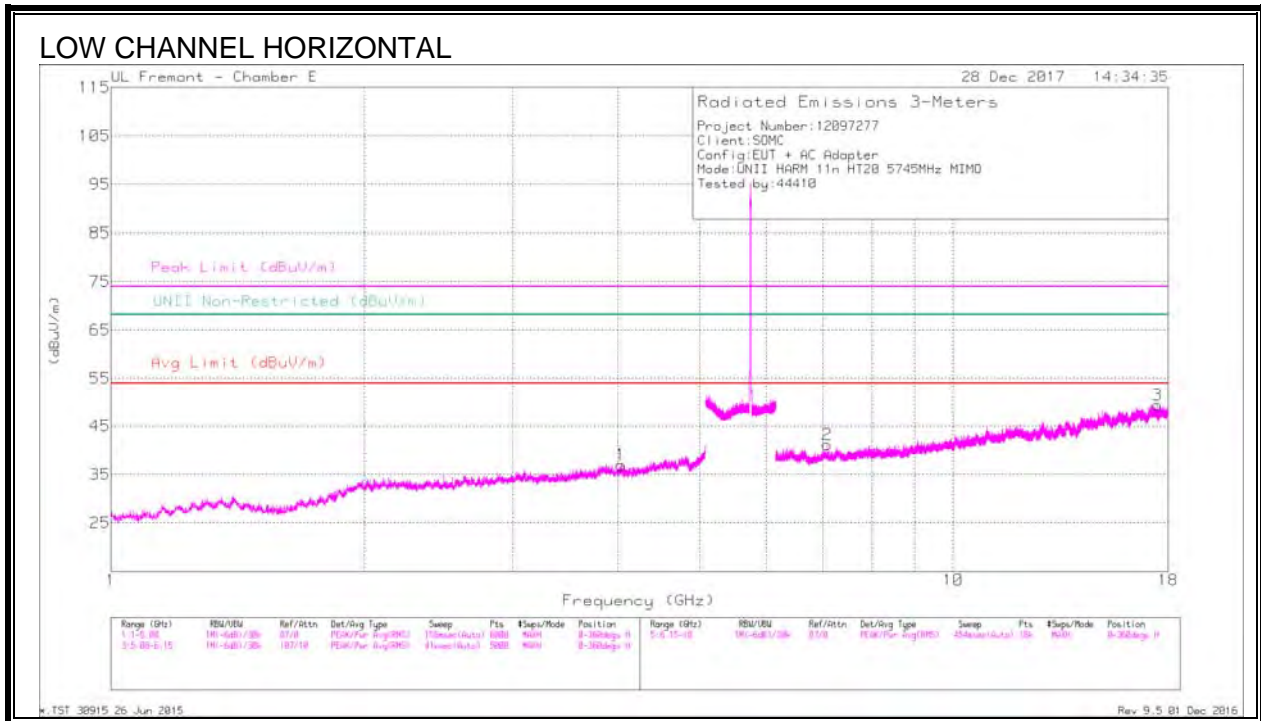


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-68.39	Pk	34.8	-17.1	11.8	0	-38.89	26.99	-65.88	4	297	V
2	5.968	-65.61	Pk	35.1	-17.2	11.8	0	-35.91	-27	-8.91	4	297	V

Pk - Peak detector

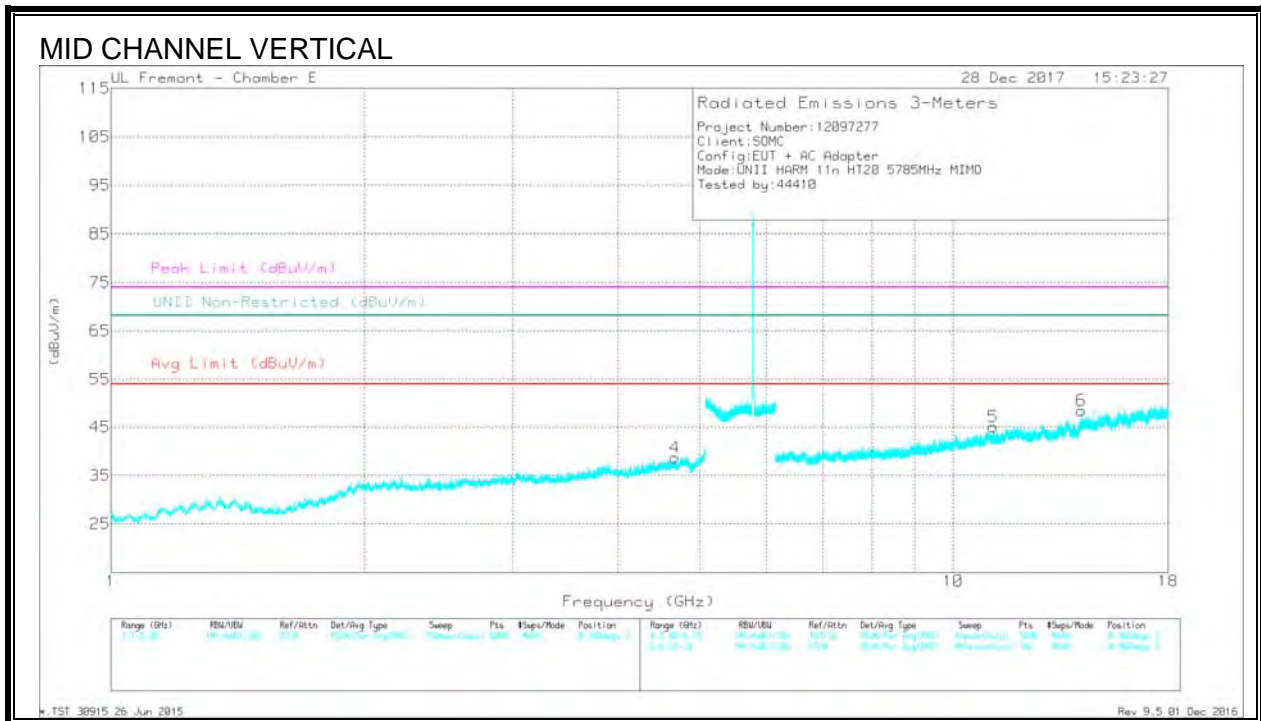
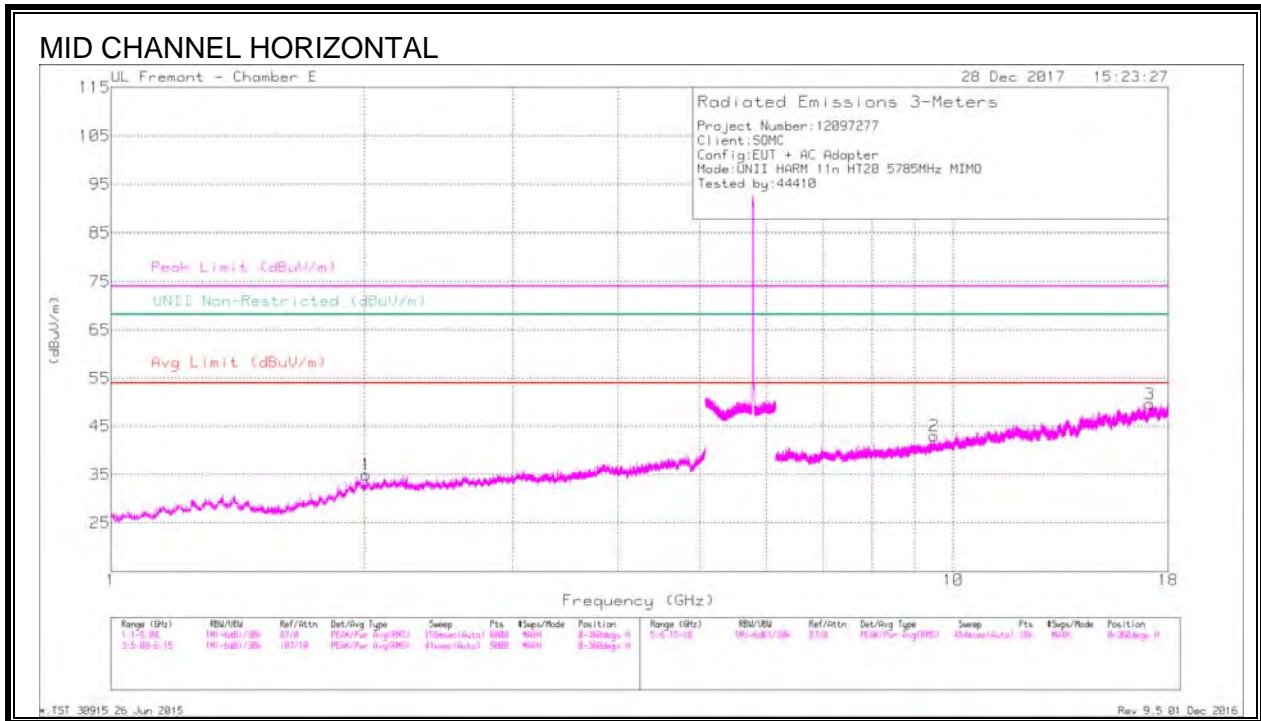
**HARMONICS AND SPURIOUS EMISSIONS**



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.031	38.3	PK-U	33.6	-29.2	0	42.7	-	-	74	-31.3	-	-	174	266	H
	* 4.032	26.96	ADR	33.6	-29.2	.14	31.5	54	-22.5	-	-	-	-	174	266	H
4	* 4.722	38.81	PK-U	34.4	-28.4	0	44.81	-	-	74	-29.19	-	-	179	119	V
	* 4.723	26.98	ADR	34.4	-28.4	.14	33.12	54	-20.88	-	-	-	-	179	119	V
2	7.084	37.43	PK-U	36.1	-27.5	0	46.03	-	-	-	-	68.2	-22.17	121	130	H
5	12.728	35.12	PK-U	39.6	-23.5	0	51.22	-	-	-	-	68.2	-16.98	343	134	V
6	16.545	34.07	PK-U	41.5	-20.8	0	54.77	-	-	-	-	68.2	-13.43	225	144	V
3	17.479	34.28	PK-U	41.4	-21.2	0	54.48	-	-	-	-	68.2	-13.72	287	207	H

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



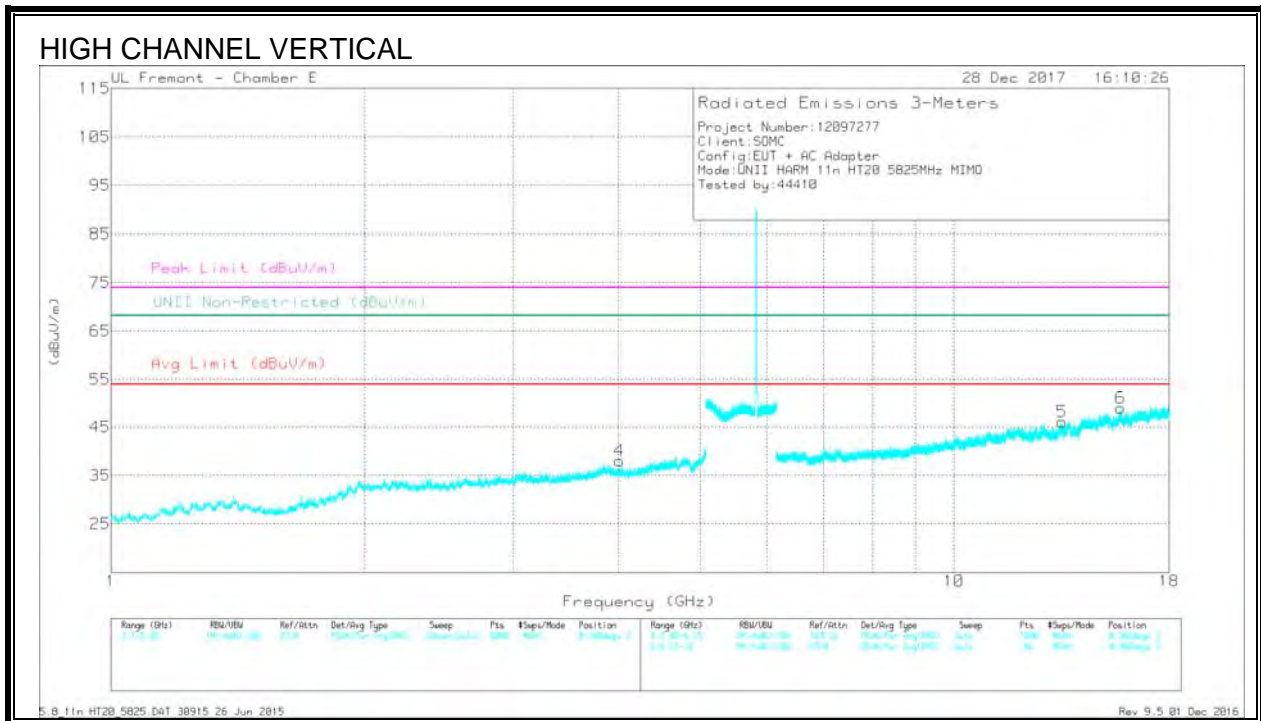
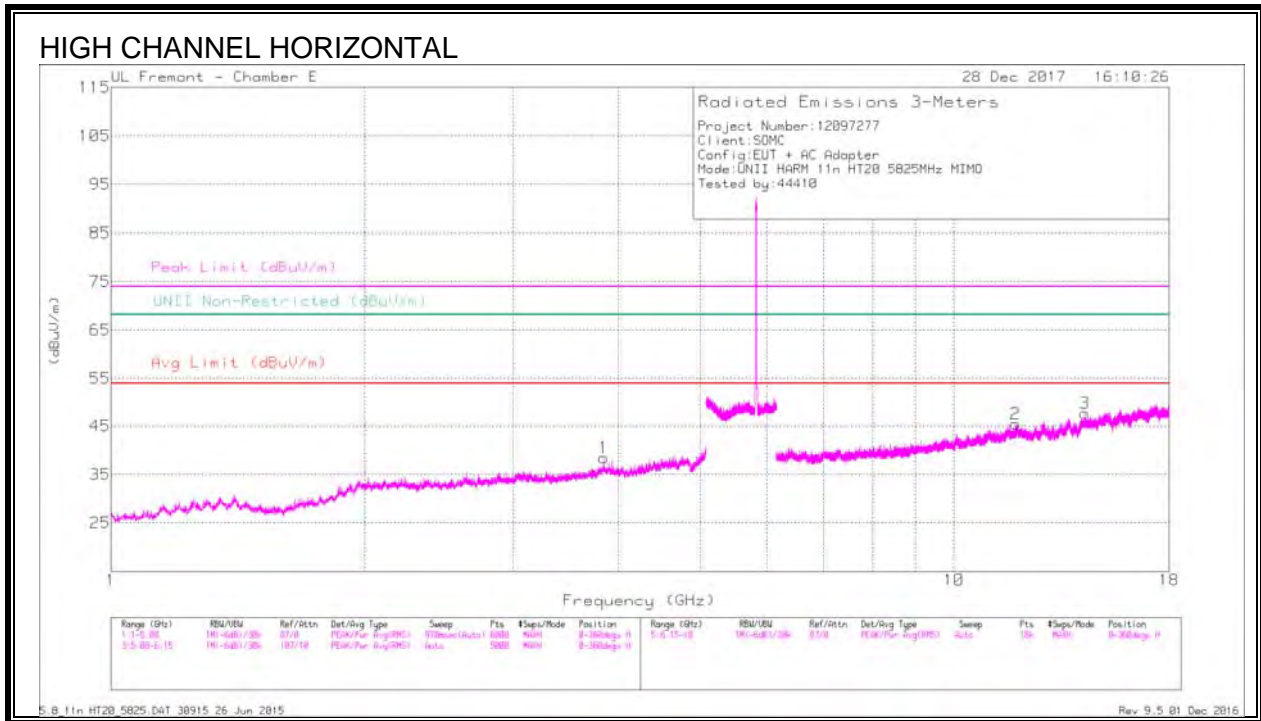
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.679	40.46	PK-U	34.4	-29.3	0	45.56	-	-	74	-28.44	-	-	296	250	V
	* 4.678	28.26	ADR	34.4	-29.4	.14	33.4	54	-20.6	-	-	-	-	296	250	V
2	* 9.485	35.04	PK-U	37.2	-24.1	0	48.14	-	-	74	-25.86	-	-	115	229	H
	* 9.487	23.45	ADR	37.2	-24.1	.14	36.69	54	-17.31	-	-	-	-	115	229	H
5	* 11.163	34.51	PK-U	38.5	-23.6	0	49.41	-	-	74	-24.59	-	-	73	228	V
	* 11.16	23.15	ADR	38.5	-23.6	.14	38.19	54	-15.81	-	-	-	-	73	228	V
1	2.009	41.38	PK-U	32.1	-33.2	0	40.28	-	-	-	-	68.2	-27.92	99	266	H
6	14.188	35.99	PK-U	40.7	-24.5	0	52.19	-	-	-	-	68.2	-16.01	342	311	V
3	17.128	34.14	PK-U	41.7	-21	0	54.84	-	-	-	-	68.2	-13.36	74	314	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average





Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 3.847	39	PK-U	33.7	-29.4	0	43.3	-	-	74	-30.7	-	-	67	174	H
	* 3.845	27.69	ADR	33.7	-29.4	.14	32.13	54	-21.87	-	-	-	-	67	174	H
4	* 4.013	38.19	PK-U	33.7	-29.3	0	42.59	-	-	74	-31.41	-	-	206	111	V
	* 4.016	26.58	ADR	33.7	-29.2	.14	31.22	54	-22.78	-	-	-	-	206	111	V
2	* 11.836	35.45	PK-U	39.4	-23.6	0	51.25	-	-	74	-22.75	-	-	265	369	H
	* 11.837	23.3	ADR	39.4	-23.6	.14	39.24	54	-14.76	-	-	-	-	265	369	H
6	* 15.773	34.72	PK-U	41.7	-23	0	53.42	-	-	74	-20.58	-	-	221	258	V
	* 15.773	23.54	ADR	41.7	-23	.14	42.38	54	-11.62	-	-	-	-	221	258	V
5	13.447	36.43	PK-U	39.6	-24.3	0	51.73	-	-	-	-	68.2	-16.47	62	368	V
3	14.279	35.44	PK-U	40	-22.7	0	52.74	-	-	-	-	68.2	-15.46	113	212	H

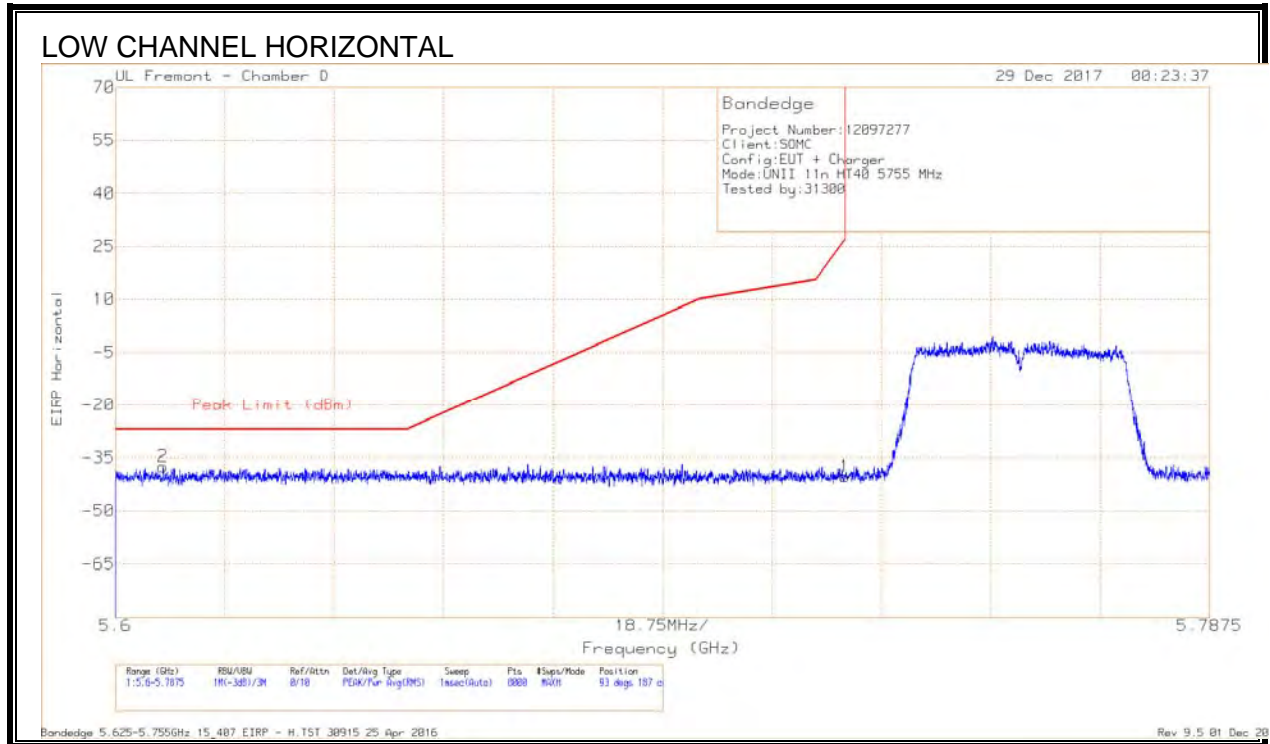
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 10.1.15. 11n HT40 2TX CDD MIMO MODE IN THE 5.8GHz BAND

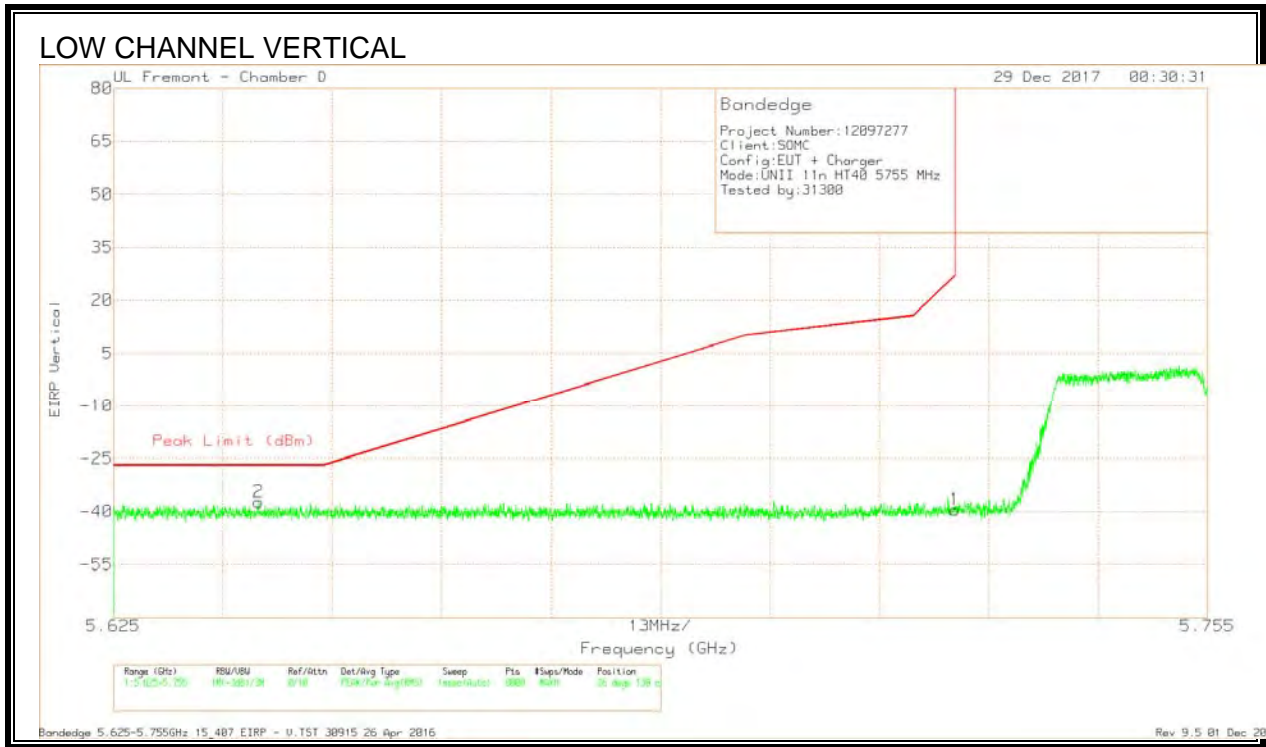
#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (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	5.608	-66.68	Pk	34.7	-17.4	11.8	0	-37.58	-27	-10.58	93	187	H
1	5.725	-69.66	Pk	34.8	-17.2	11.8	0	-40.26	26.96	-67.22	93	187	H

Pk - Peak detector

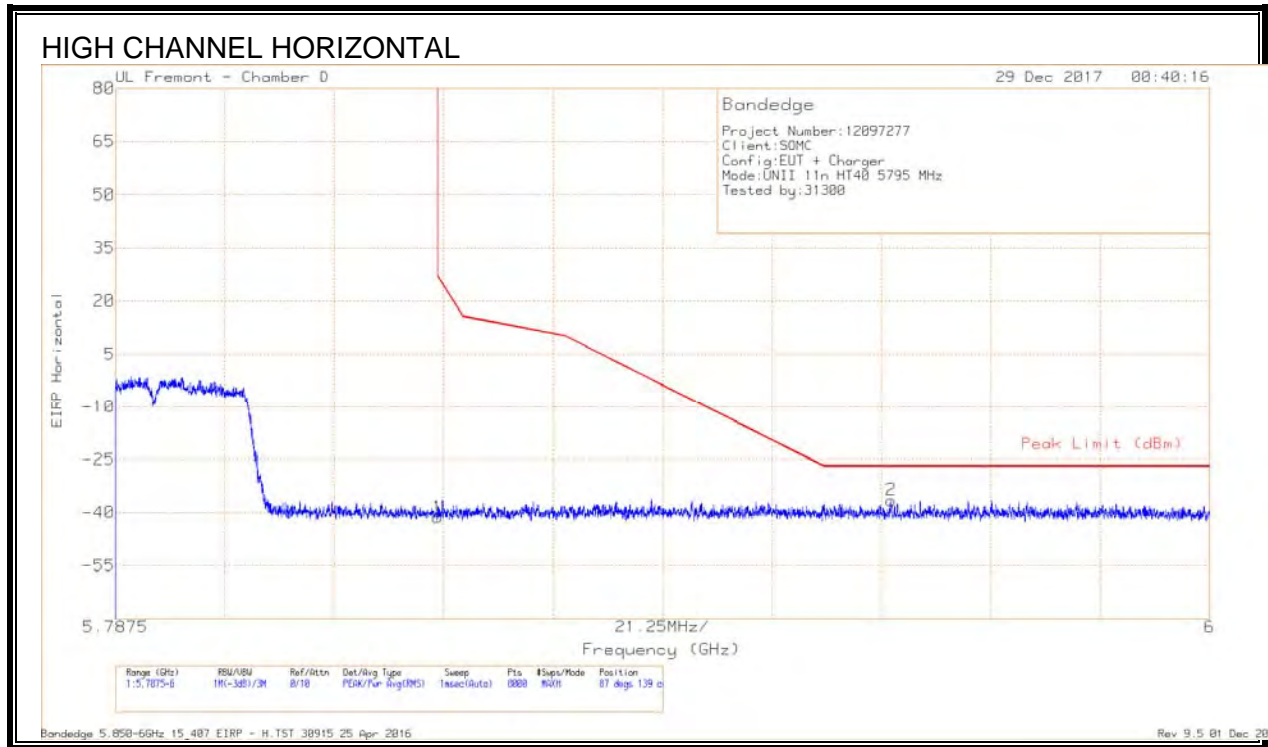


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-66.65	Pk	34.7	-17.2	11.8	0	-37.35	-27	-10.35	26	139	V
1	5.725	-68.93	Pk	34.8	-17.2	11.8	0	-39.53	27	-66.53	26	139	V

Pk - Peak detector

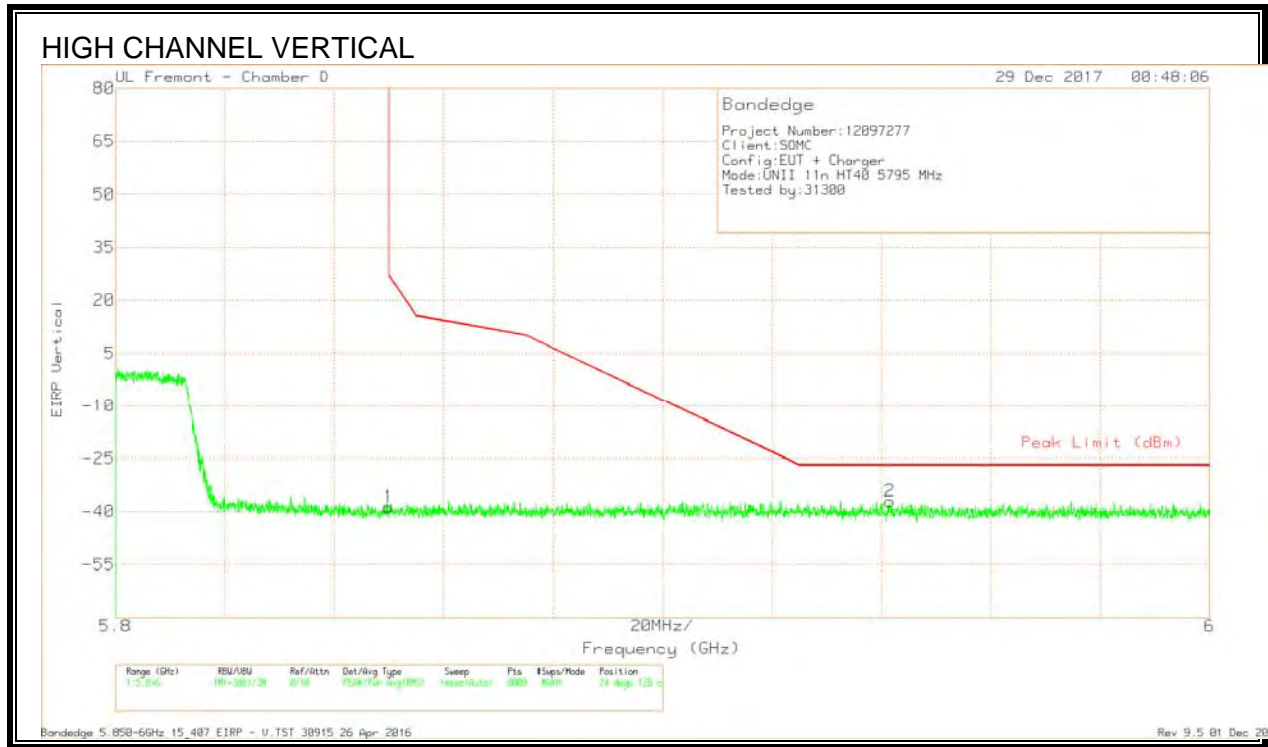
**AUTHORIZED BANDEDGE (HIGH CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-70.8	Pk	34.8	-17.1	11.8	0	-41.3	26.98	-68.28	87	139	H
2	5.938	-66.41	Pk	35.1	-17	11.8	0	-36.51	-27	-9.51	87	139	H

Pk - Peak detector

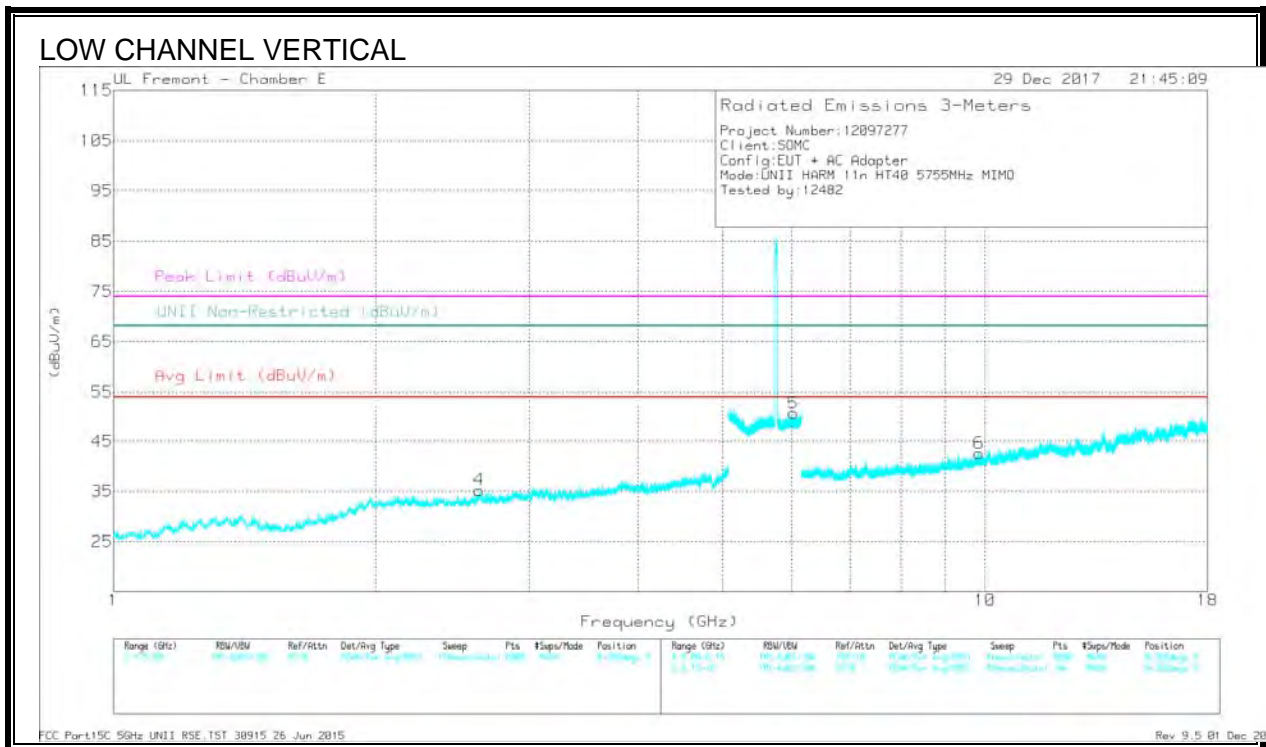
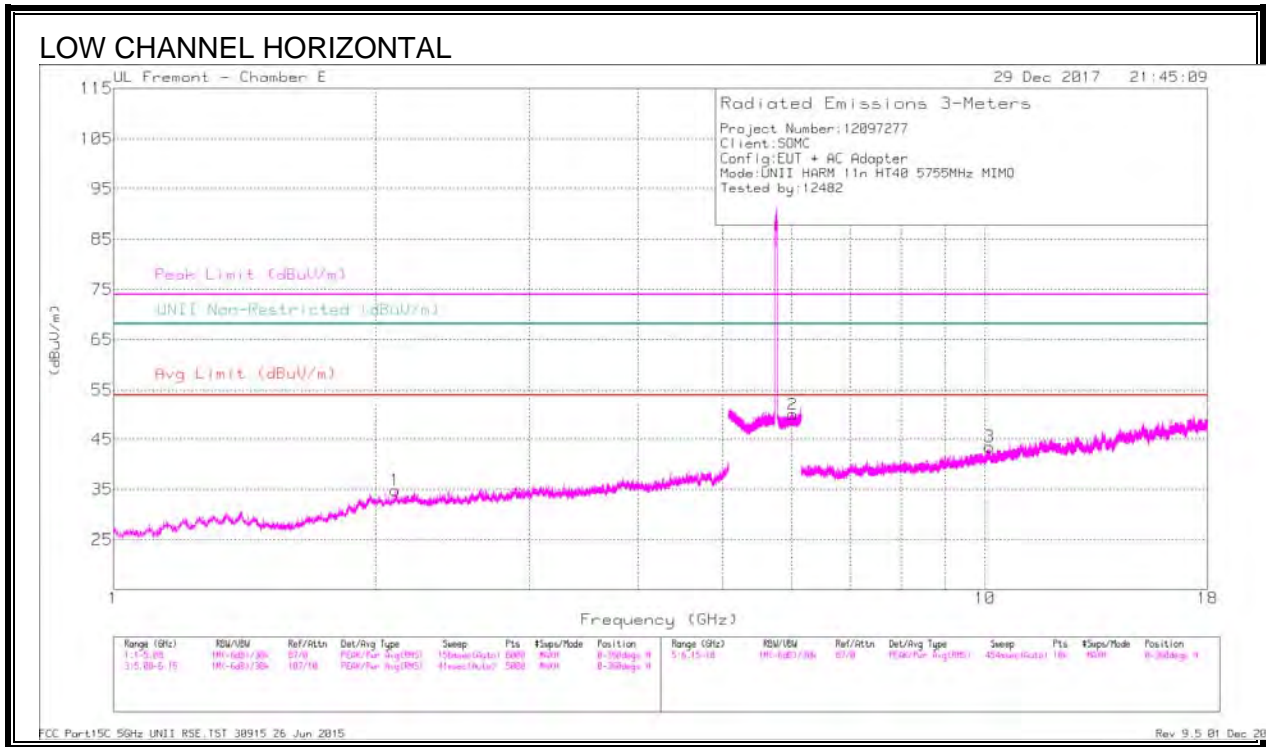


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-68.26	Pk	34.8	-17.1	11.8	0	-38.76	26.99	-65.75	24	126	V
2	5.942	-66.89	Pk	35.1	-17.1	11.8	0	-37.09	-27	-10.09	24	126	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**

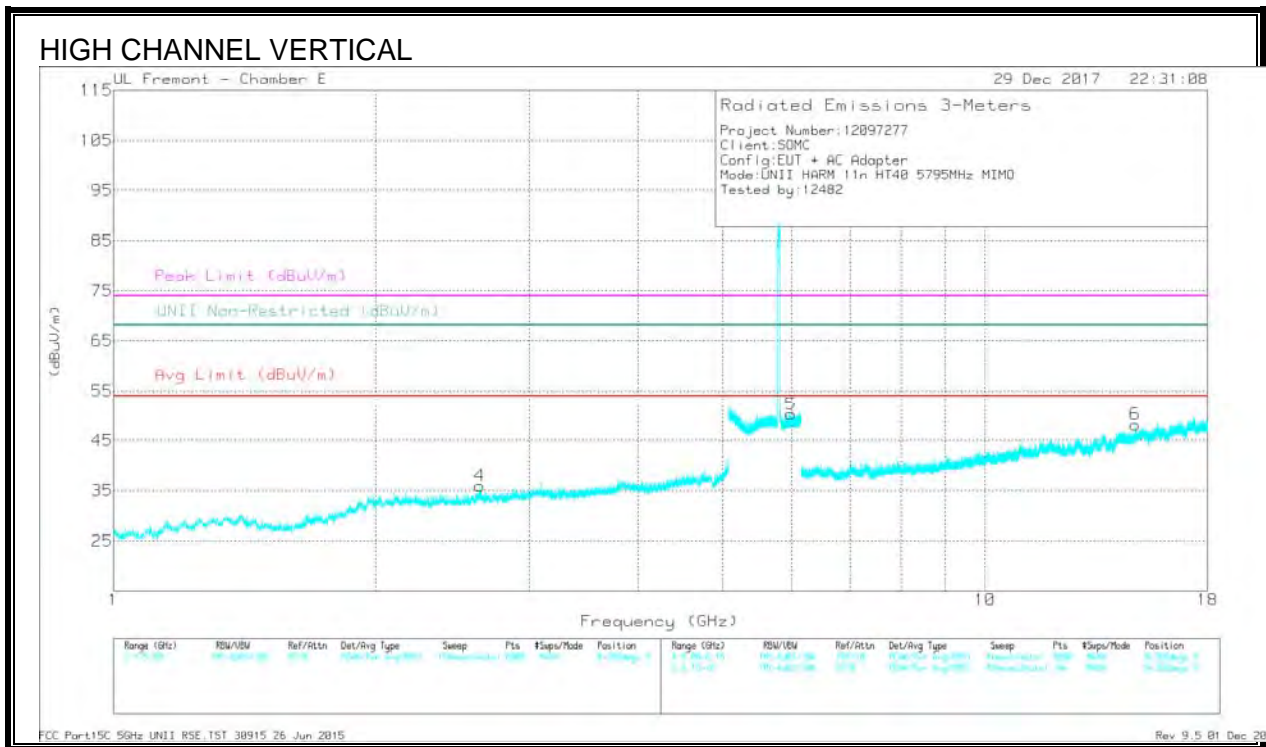
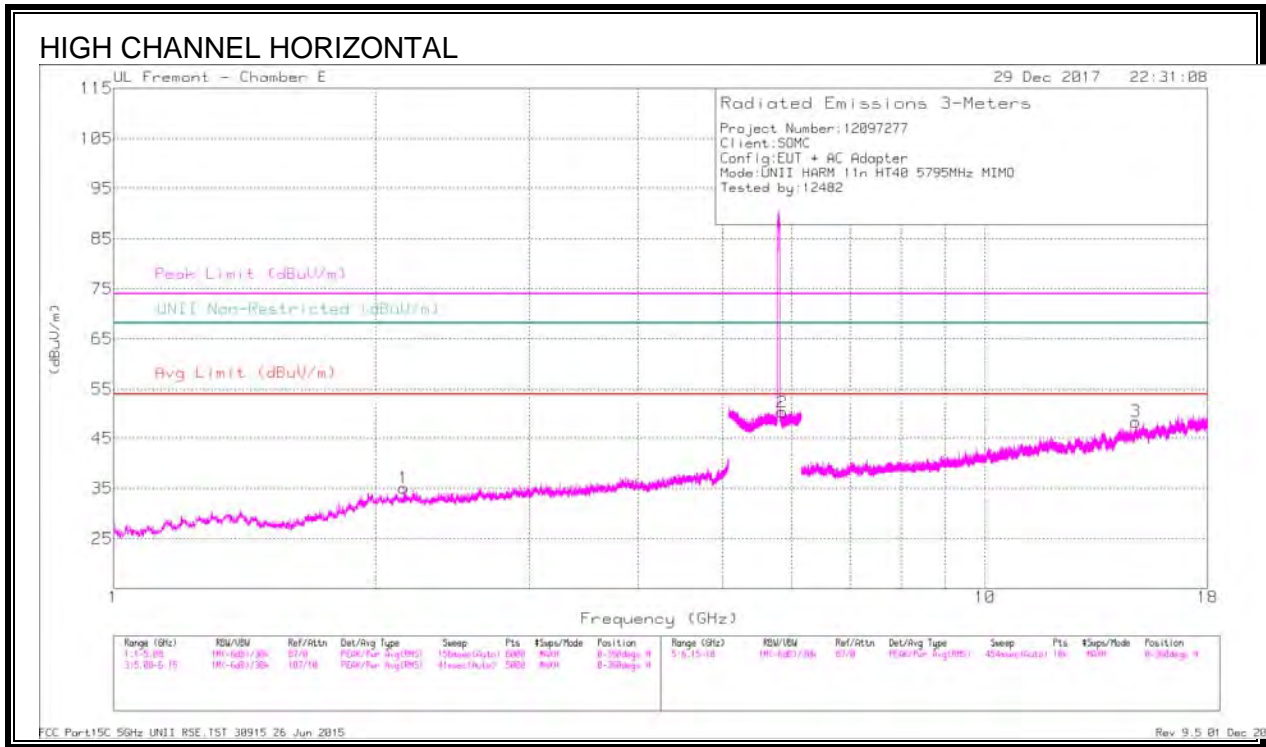




Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	2.103	41.72	PK-U	32.1	-32.8	0	41.02	-	-	-	-	68.2	-27.18	15	262	H
4	2.628	40.23	PK-U	32.2	-30.5	0	41.93	-	-	-	-	68.2	-26.27	119	344	V
2	6.017	39.16	PK-U	35.4	-18.6	0	55.96	-	-	-	-	68.2	-12.24	298	326	H
5	6.028	39.05	PK-U	35.4	-18.5	0	55.95	-	-	-	-	68.2	-12.25	352	276	V
6	9.846	35.47	PK-U	37.6	-24.7	0	48.37	-	-	-	-	68.2	-19.83	345	186	V
3	10.113	34.17	PK-U	37.6	-22.9	0	48.87	-	-	-	-	68.2	-19.33	214	241	H

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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/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	2.151	40.47	PK-U	32.1	-32.5	0	40.07	-	-	-	-	68.2	-28.13	9	350	H
4	2.631	39.63	PK-U	32.2	-30.4	0	41.43	-	-	-	-	68.2	-26.77	313	339	V
2	5.849	39.86	PK-U	35.2	-19.1	0	55.96	-	-	-	-	68.2	-12.24	301	222	H
5	5.982	39	PK-U	35.4	-18.6	0	55.8	-	-	-	-	68.2	-12.4	275	221	V
6	14.876	34.91	PK-U	40.6	-22.4	0	53.11	-	-	-	-	68.2	-15.09	336	262	V
3	14.892	35.35	PK-U	40.7	-22.5	0	53.55	-	-	-	-	68.2	-14.65	89	376	H

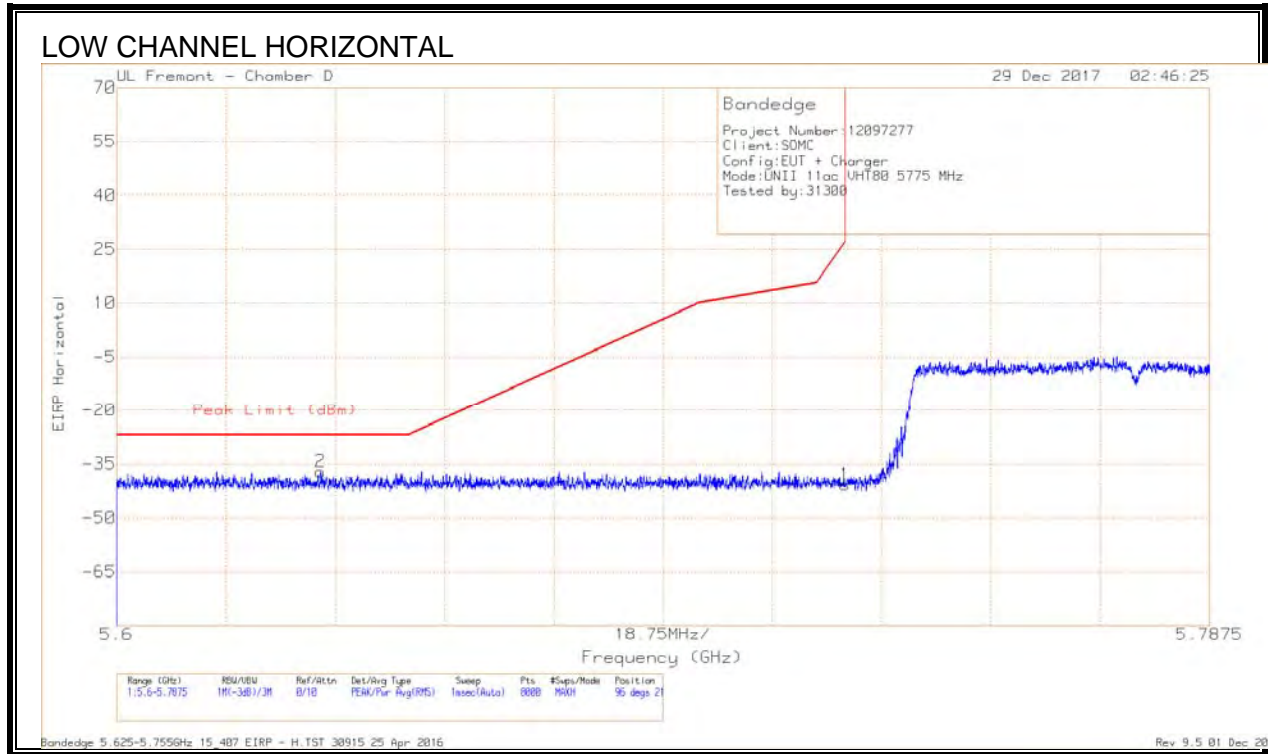
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**10.1.16.11ac HT80 2TX CDD MIMO MODE IN THE 5.8GHz BAND**

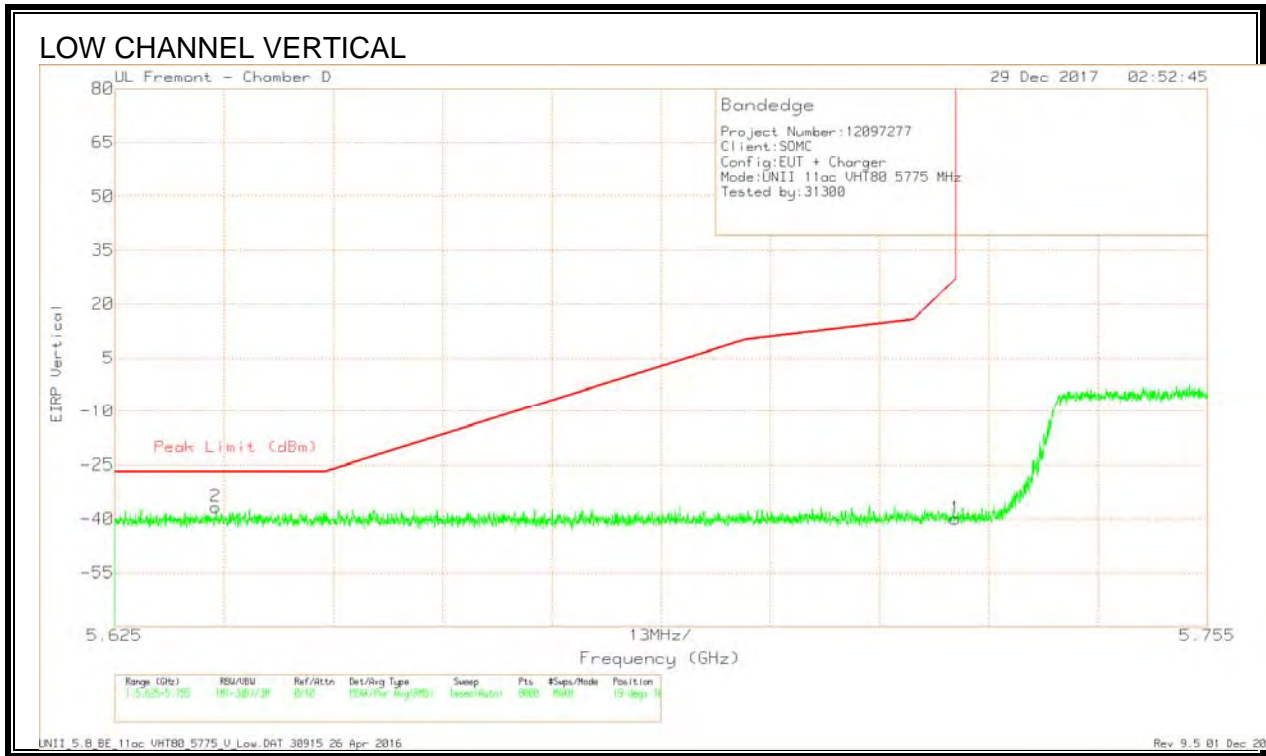
**RESTRICTED BANDEDGE (LOW CHANNEL)**



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635	-66.62	Pk	34.7	-17.1	11.8	0	-37.22	-27	-10.22	96	218	H
1	5.725	-70.17	Pk	34.8	-17.2	11.8	0	-40.77	26.96	-67.73	96	218	H

Pk - Peak detector

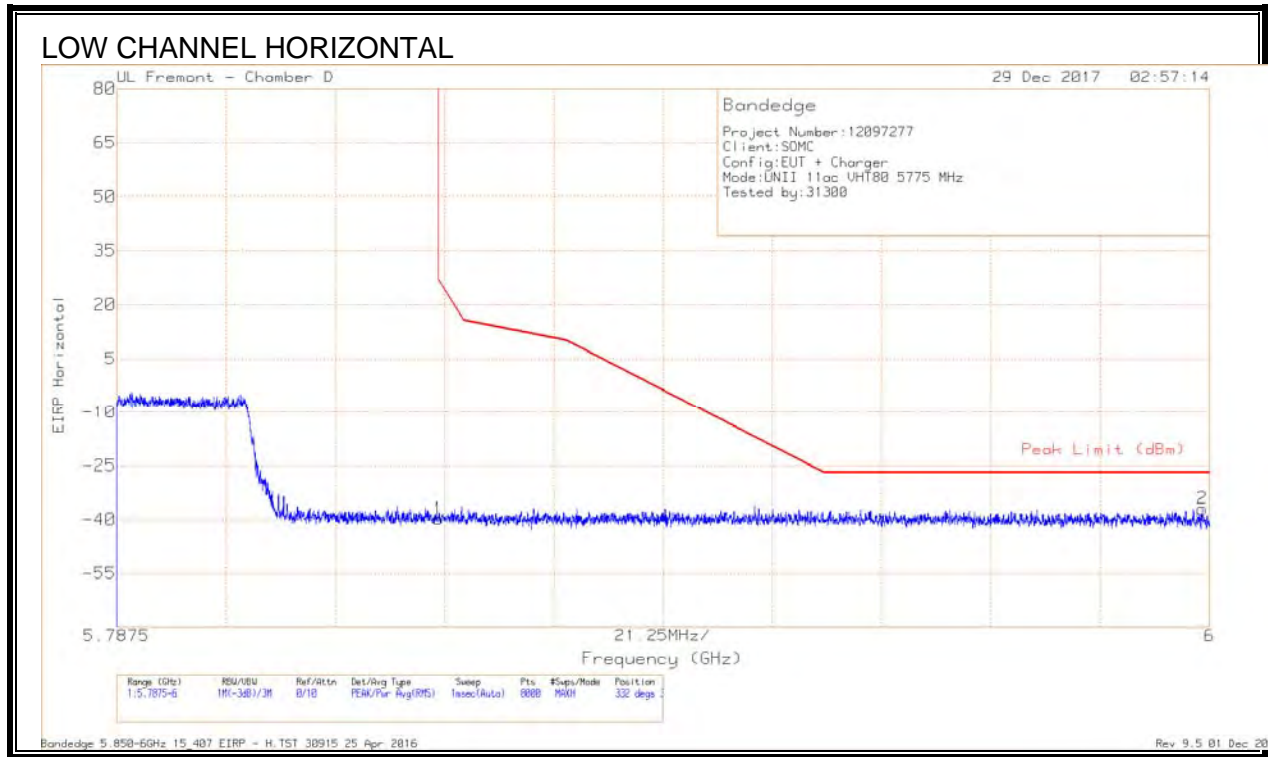


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-66	Pk	34.7	-17.2	11.8	0	-36.7	-27	-9.7	19	106	V
1	5.725	-69.36	Pk	34.8	-17.2	11.8	0	-39.96	27	-66.96	19	106	V

Pk - Peak detector

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

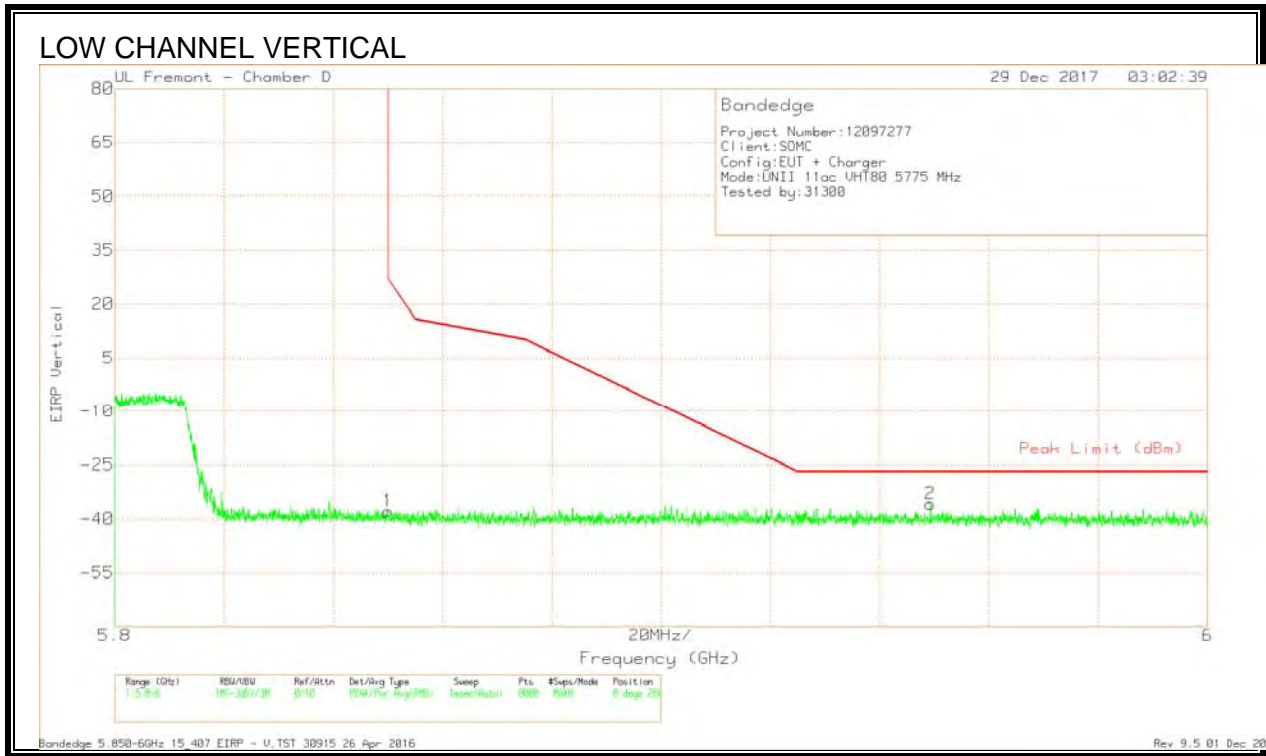


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-69.38	Pk	34.8	-17.1	11.8	0	-39.88	26.98	-66.86	332	380	H
2	5.999	-66.83	Pk	35.2	-17.2	11.8	0	-37.03	-27	-10.03	332	380	H

Pk - Peak detector



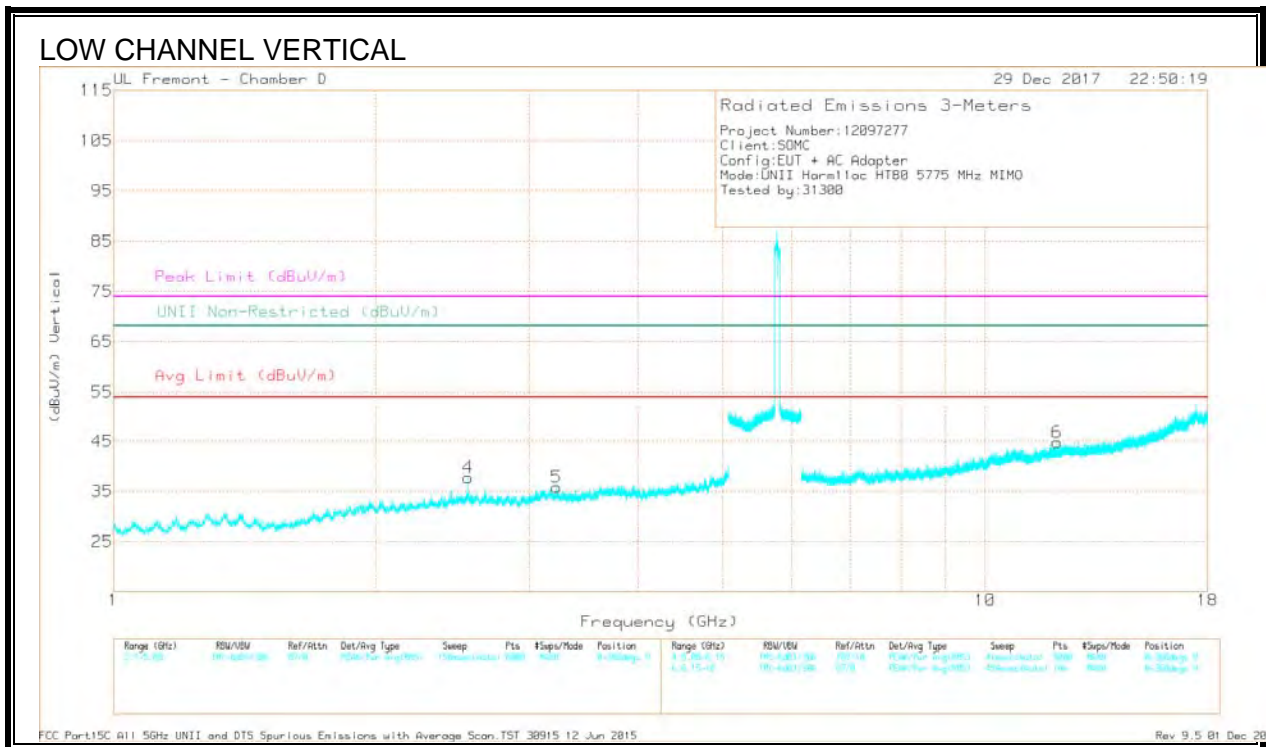
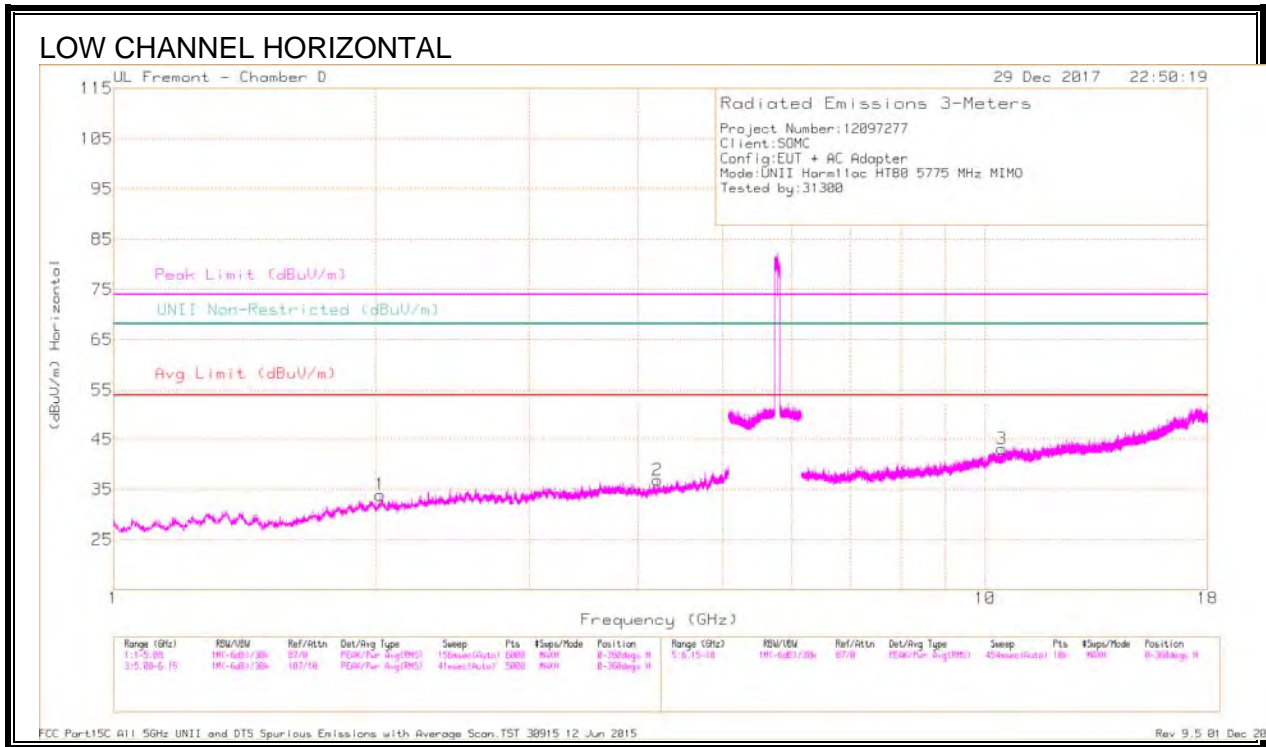


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (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	-67.38	Pk	34.8	-17.1	11.8	0	-37.88	26.99	-64.87	8	280	V
2	5.949	-65.76	Pk	35.1	-17	11.8	0	-35.86	-27	-8.86	8	280	V

Pk - Peak detector

**HARMONICS AND SPURIOUS EMISSIONS**



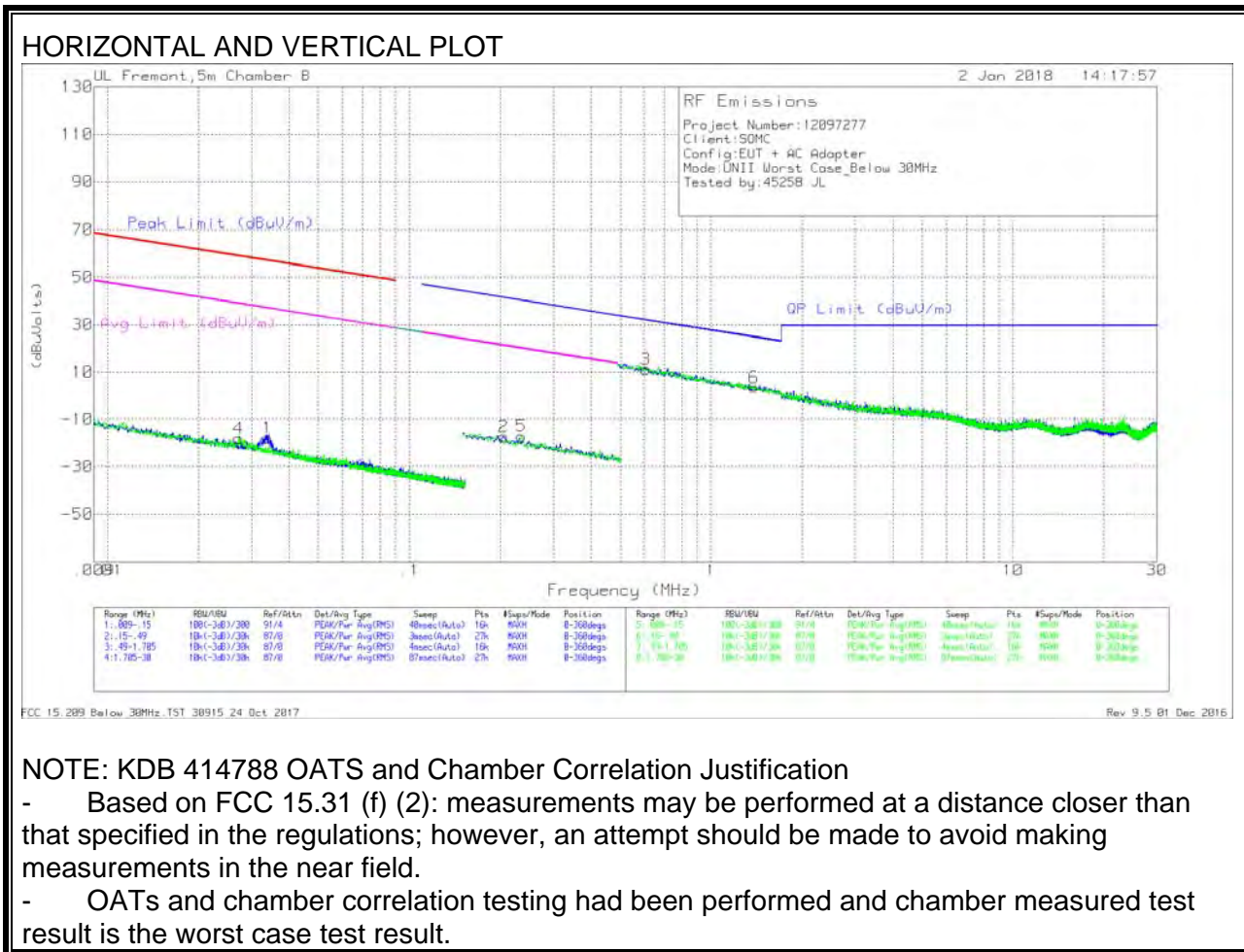
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 4.208	36.29	PK-U	33.2	-27.7	0	41.79	-	-	74	-32.21	-	-	307	230	H
	* 4.205	24.32	ADR	33.2	-27.7	.73	30.55	54	-23.45	-	-	-	-	307	230	H
6	* 12.099	32.04	PK-U	38.7	-20.7	0	50.04	-	-	74	-23.96	-	-	337	115	V
	* 12.1	20.28	ADR	38.7	-20.7	.73	39.01	54	-14.99	-	-	-	-	337	115	V
1	2.021	38.87	PK-U	31.4	-30.3	0	39.97	-	-	-	-	68.2	-28.23	172	207	H
4	2.551	38.24	PK-U	32.6	-29.5	0	41.34	-	-	-	-	68.2	-26.86	360	134	V
5	3.226	37.9	PK-U	32.9	-29.1	0	41.7	-	-	-	-	68.2	-26.5	50	132	V
3	10.448	31.64	PK-U	37.5	-20.8	0	48.34	-	-	-	-	68.2	-19.86	187	367	H

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

## 10.2. WORST CASE BELOW 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)
4	.02715	45.03	Pk	15.3	1.4	-80	-18.27	58.91	-77.18	38.91	-57.18	-	-	-	-	0-360
1	.03396	45.22	Pk	15.3	1.4	-80	-18.08	56.97	-75.05	36.97	-55.05	-	-	-	-	0-360
2	.20506	47.09	Pk	13.9	1.5	-80	-17.51	-	-	-	-	41.38	-58.89	21.38	-38.89	0-360
5	.23487	47.31	Pk	13.9	1.5	-80	-17.29	-	-	-	-	40.2	-57.49	20.2	-37.49	0-360

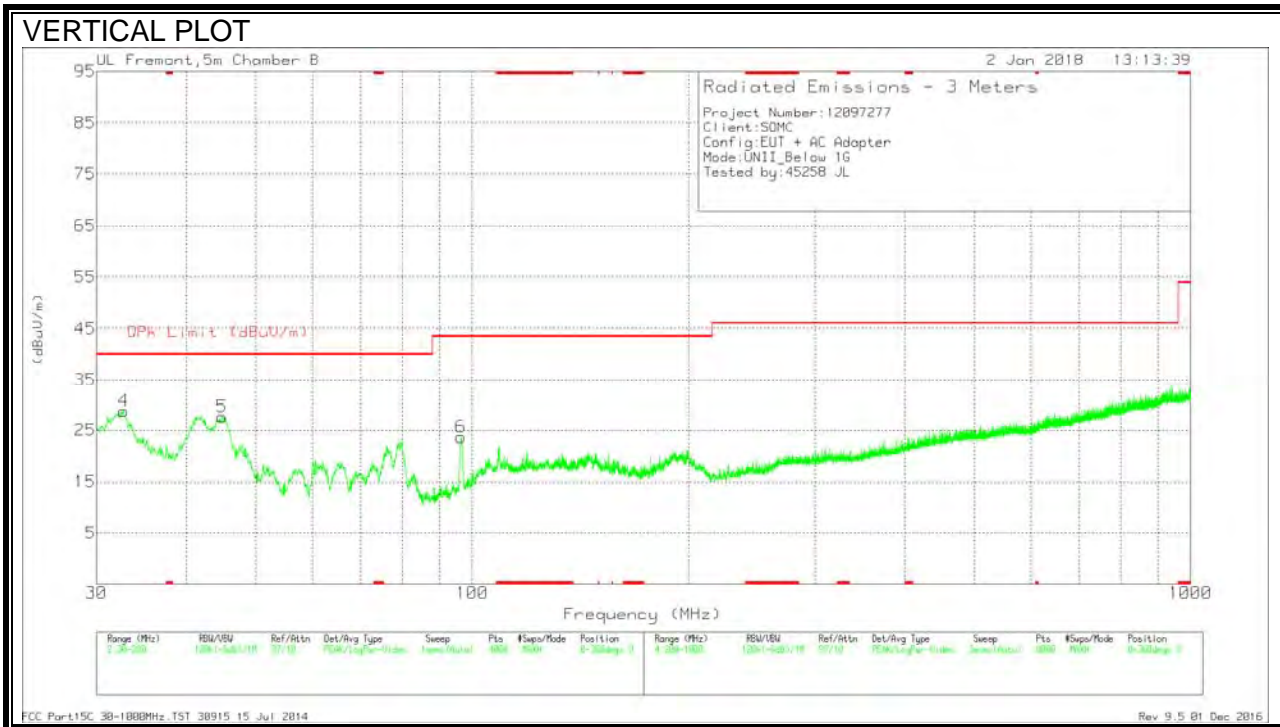
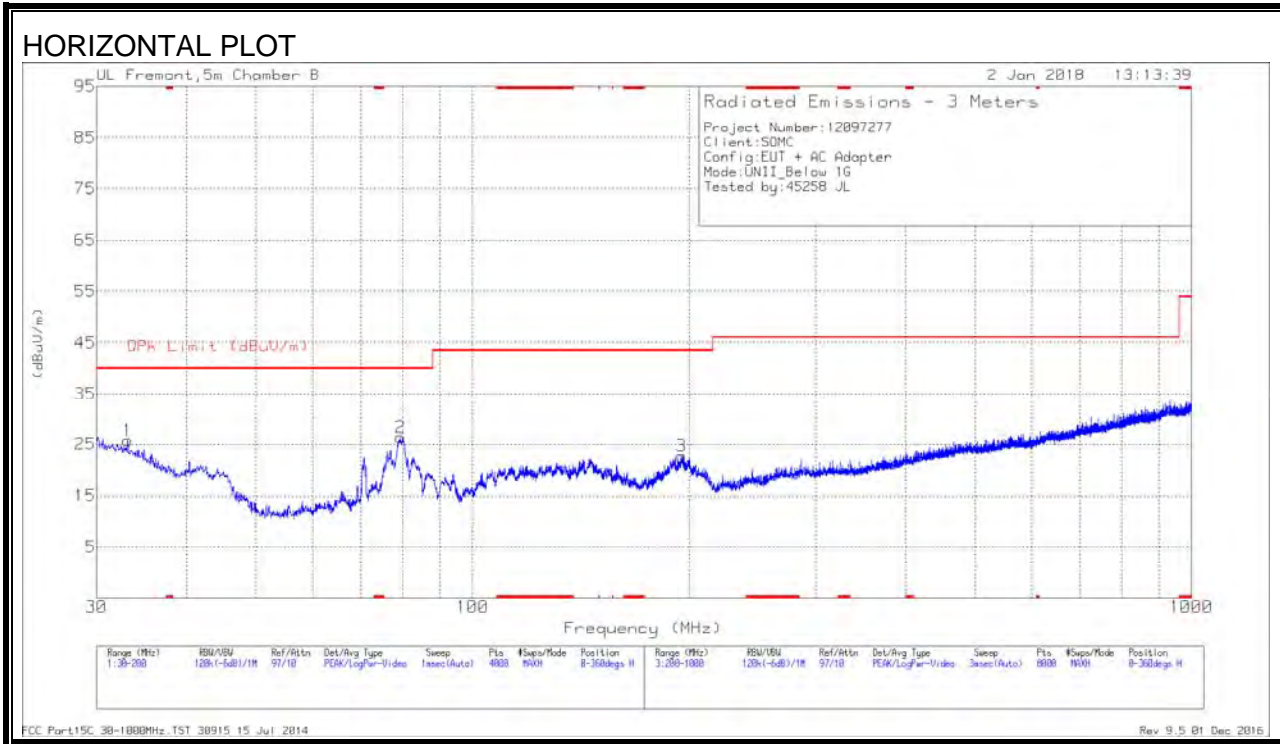
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.60715	35.7	Pk	14	1.5	-40	11.2	31.94	-20.74	-	-	-	-	0-360
6	1.3868	27.85	Pk	14.3	1.5	-40	3.65	24.79	-21.14	-	-	-	-	0-360

Pk - Peak detector

### 10.3. WORST-CASE BELOW 1 GHz

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)





Trace Markers

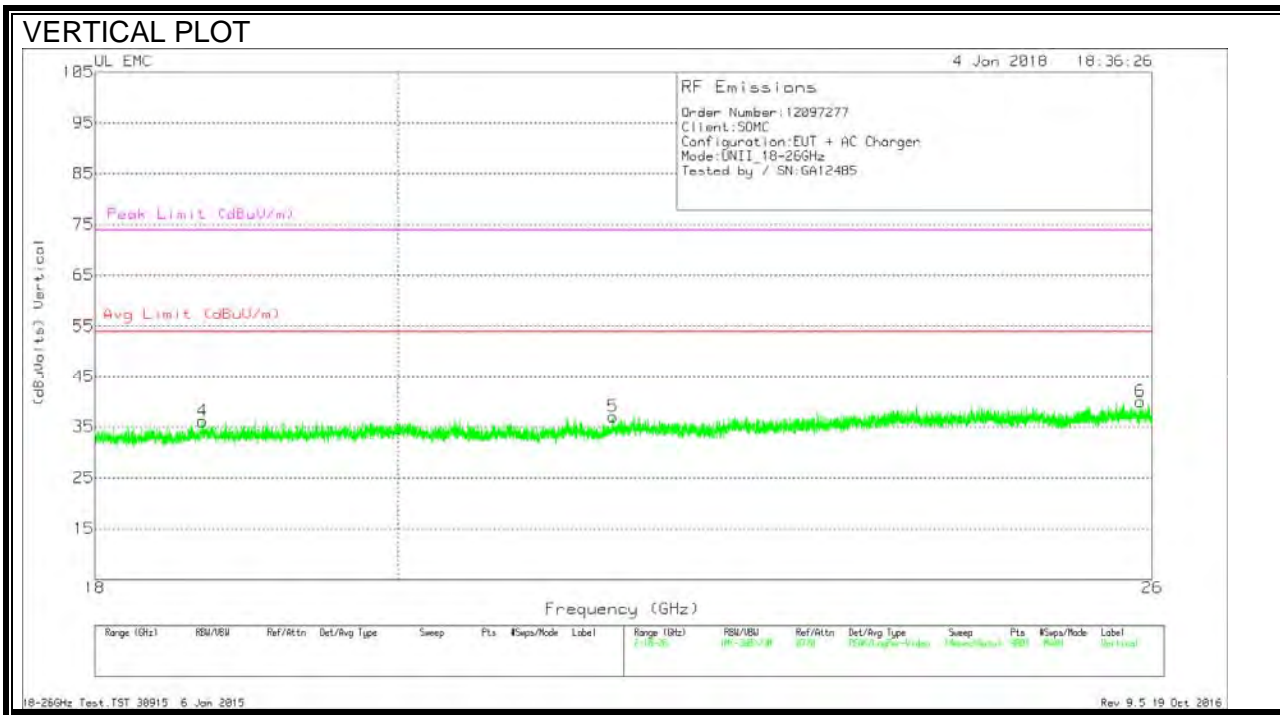
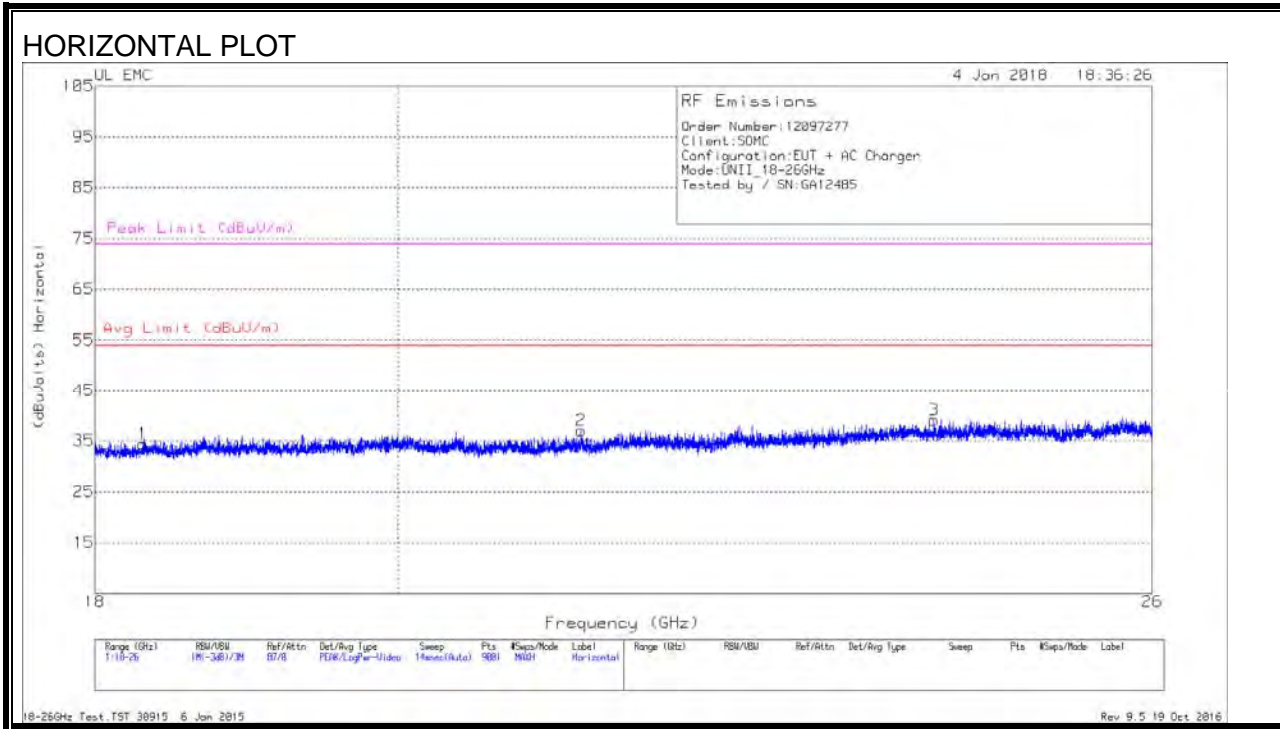
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T899 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	32.7207	34.03	Pk	23.5	-28.8	28.73	40	-11.27	0-360	100	V
1	33.1458	31.27	Pk	23.3	-28.8	25.77	40	-14.23	0-360	100	H
5	44.8363	41.84	Pk	14.4	-28.6	27.64	40	-12.36	0-360	100	V
2	79.4403	43.29	Pk	11.3	-28.2	26.39	40	-13.61	0-360	200	H
6	96.4872	38.47	Pk	13.2	-28	23.67	43.52	-19.85	0-360	100	V
3	195.4103	33.65	Pk	15.9	-26.9	22.65	43.52	-20.87	0-360	100	H

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

Pk - Peak detector

### 10.4. WORST-CASE 18 to 26 GHz

#### SPURIOUS EMISSIONS 18 TO 26 GHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



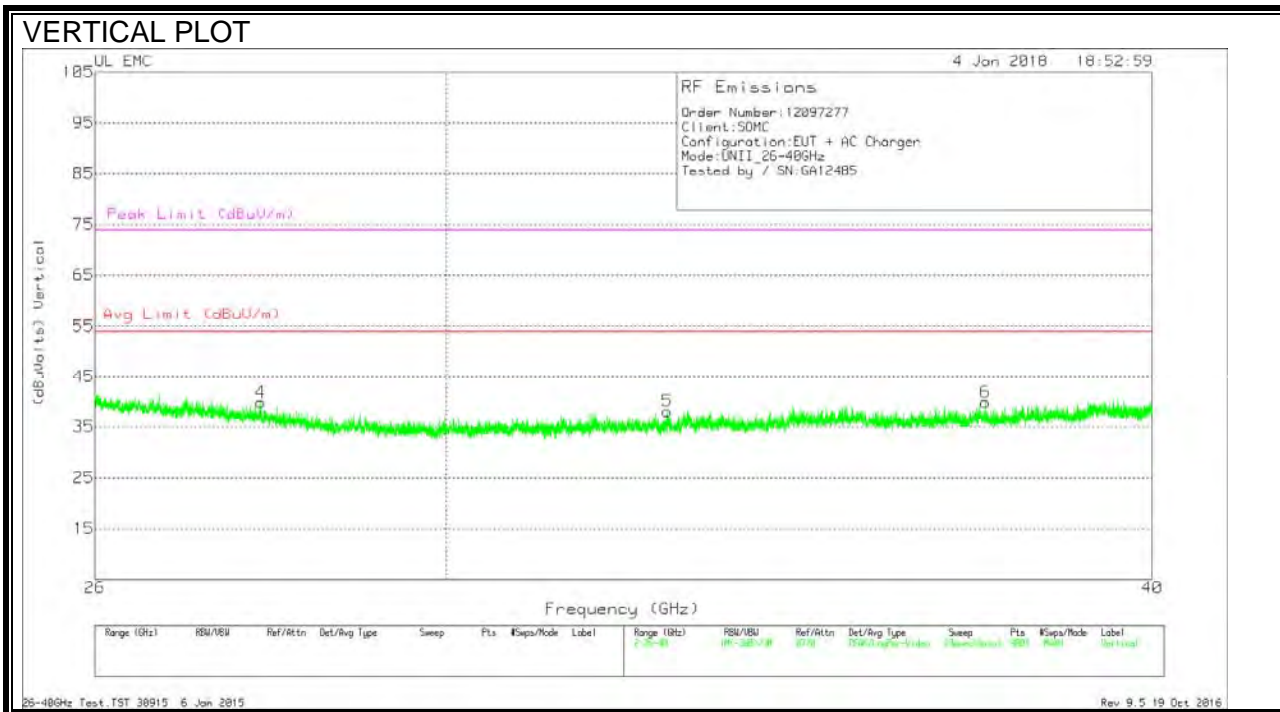
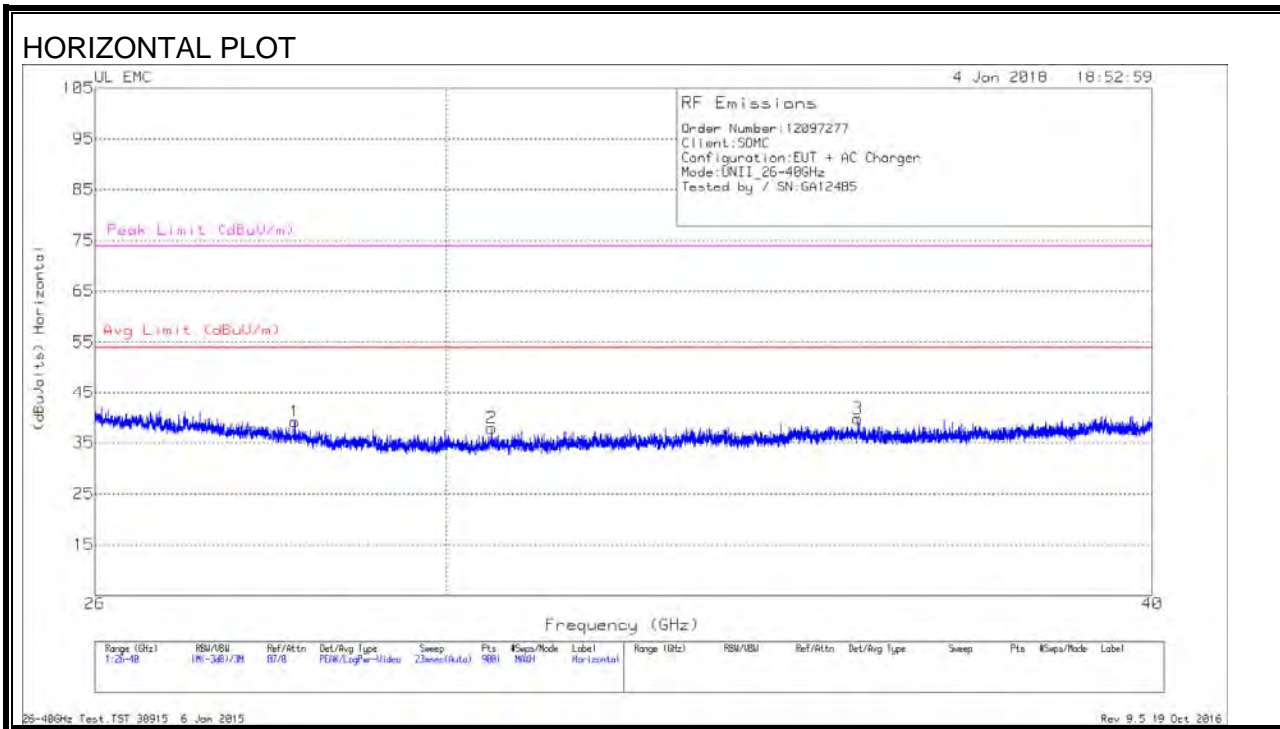
Trace Markers

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	18.305	36.71	Pk	32.4	-25.2	-9.5	34.41	54	-19.59	74	-39.59
2	21.316	38.48	Pk	33.2	-25.2	-9.5	36.98	54	-17.02	74	-37.02
3	24.1	39.49	Pk	33.4	-24.3	-9.5	39.09	54	-14.91	74	-34.91
4	18.686	37.52	Pk	32.5	-24.4	-9.5	36.12	54	-17.88	74	-37.88
5	21.554	38.84	Pk	33.1	-25.4	-9.5	37.04	54	-16.96	74	-36.96
6	25.894	41.01	Pk	33.9	-25.4	-9.5	40.01	54	-13.99	74	-33.99

Pk - Peak detector

### 10.5. WORST-CASE 26 to 40 GHz

#### SPURIOUS EMISSIONS 26 TO 40 GHz (WORST-CASE CONFIGURATION)



Trace Markers

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	28.204	44.43	Pk	35.9	-31.7	-9.5	39.13	54	-14.87	74	-34.87
2	30.562	44.03	Pk	36	-32.6	-9.5	37.93	54	-16.07	74	-36.07
3	35.475	44.77	Pk	37.9	-33.4	-9.5	39.77	54	-14.23	74	-34.23
4	27.818	44.77	Pk	35.8	-31.3	-9.5	39.77	54	-14.23	74	-34.23
5	32.829	43.75	Pk	36.6	-32.8	-9.5	38.05	54	-15.95	74	-35.95
6	37.374	45.07	Pk	37.3	-33	-9.5	39.87	54	-14.13	74	-34.13

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

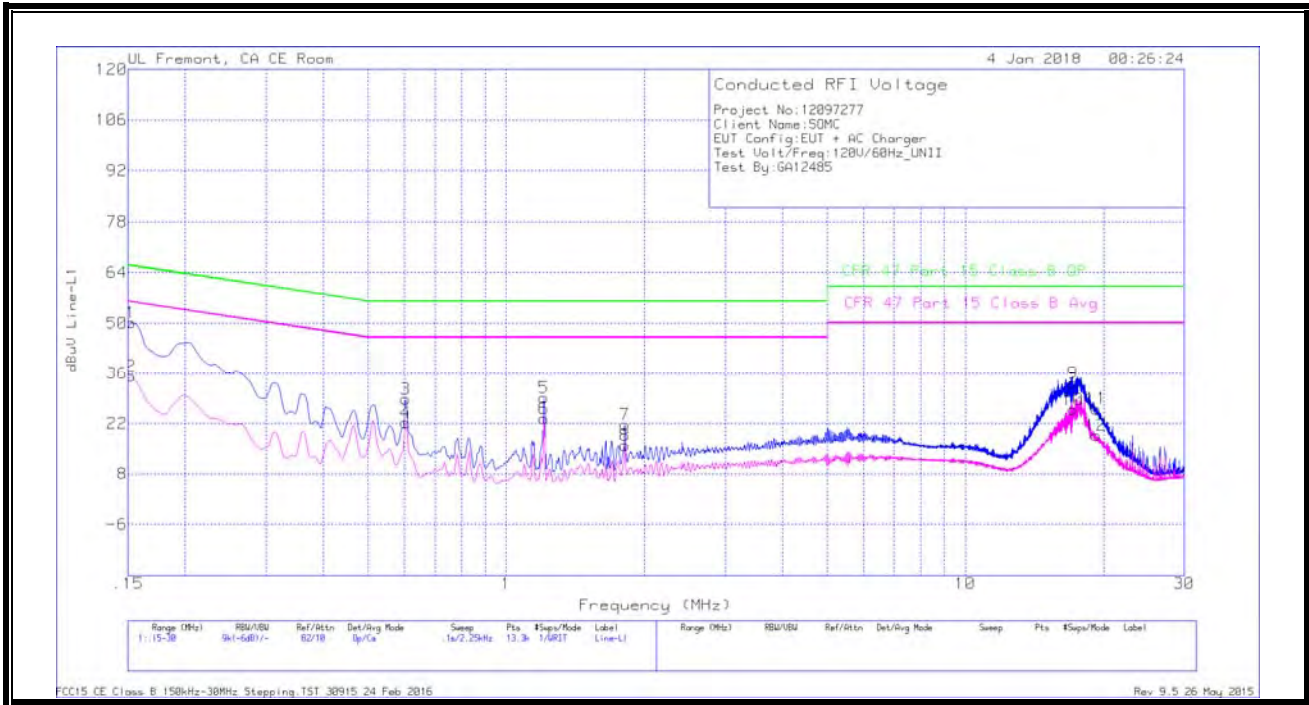
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS



**LINE 1 RESULTS**



**WORST EMISSIONS**

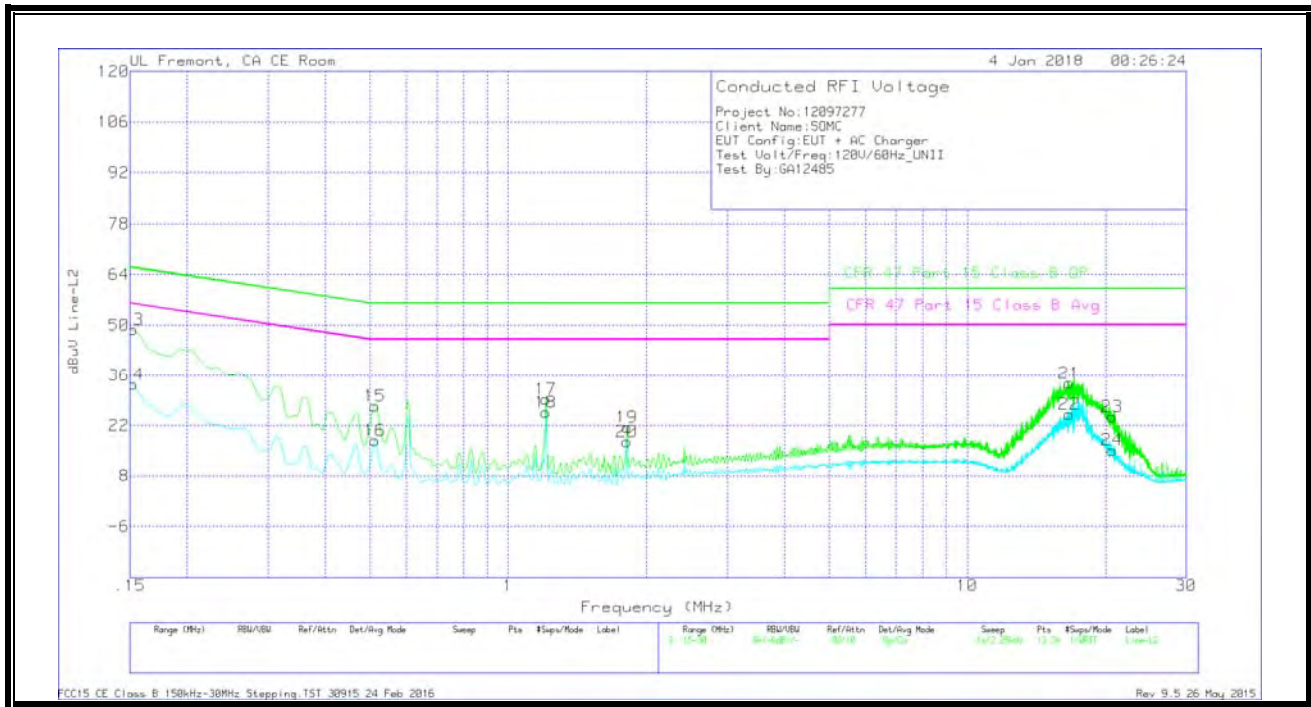
Trace Markers

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.15225	39.91	Qp	.1	0	10.1	50.11	65.88	-15.77	-	-
2	.15225	25.02	Ca	.1	0	10.1	35.22	-	-	55.88	-20.66
3	.6045	18.76	Qp	0	0	10.1	28.86	56	-27.14	-	-
4	.6045	12.15	Ca	0	0	10.1	22.25	-	-	46	-23.75
5	1.20975	18.96	Qp	0	.1	10.1	29.16	56	-26.84	-	-
6	1.20975	13.18	Ca	0	.1	10.1	23.38	-	-	46	-22.62
7	1.81275	11.54	Qp	0	.1	10.1	21.74	56	-34.26	-	-
8	1.81275	5.69	Ca	0	.1	10.1	15.89	-	-	46	-30.11
9	17.15325	22.76	Qp	0	.3	10.3	33.36	60	-26.64	-	-
10	17.15325	15.24	Ca	0	.3	10.3	25.84	-	-	50	-24.16
11	19.28625	15.4	Qp	.1	.3	10.3	26.1	60	-33.9	-	-
12	19.28175	8.04	Ca	.1	.3	10.3	18.74	-	-	50	-31.26

Qp - Quasi-Peak detector

Ca - CISPR average detection

**LINE 2 RESULTS**



**WORST EMISSIONS**

Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.15225	38.67	Qp	0	0	10.1	48.77	65.88	-17.11	-	-
14	.15225	23.35	Ca	0	0	10.1	33.45	-	-	55.88	-22.43
15	.51225	17.36	Qp	0	0	10.1	27.46	56	-28.54	-	-
16	.51225	7.82	Ca	0	0	10.1	17.92	-	-	46	-28.08
17	1.2075	19.06	Qp	0	.1	10.1	29.26	56	-26.74	-	-
18	1.20975	15.48	Ca	0	.1	10.1	25.68	-	-	46	-20.32
19	1.81275	11.28	Qp	0	.1	10.1	21.48	56	-34.52	-	-
20	1.81275	7.3	Ca	0	.1	10.1	17.5	-	-	46	-28.5
21	16.69425	23.26	Qp	0	.3	10.3	33.86	60	-26.14	-	-
22	16.692	14.62	Ca	0	.3	10.3	25.22	-	-	50	-24.78
23	20.67675	13.7	Qp	0	.3	10.4	24.4	60	-35.6	-	-
24	20.679	4.45	Ca	0	.3	10.4	15.15	-	-	50	-34.85

Qp - Quasi-Peak detector

Ca - CISPR average detection