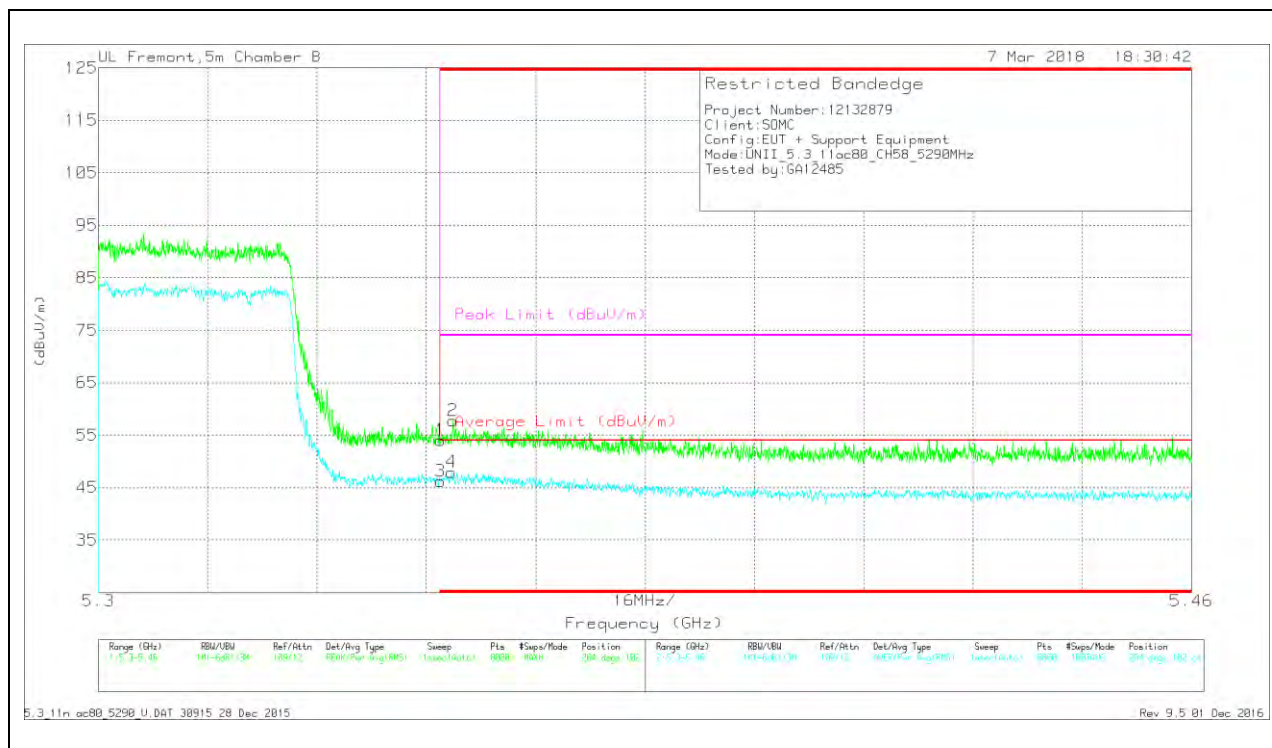


VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.34	Pk	34.9	-19.2	0	54.04	-	-	74	-19.96	204	102	V
3	* 5.35	29.97	RMS	34.9	-19.2	.52	46.19	54	-7.81	-	-	204	102	V
2	* 5.352	41.96	Pk	34.9	-19.1	0	57.76	-	-	74	-16.24	204	102	V
4	* 5.352	31.6	RMS	34.9	-19.1	.52	47.92	54	-6.08	-	-	204	102	V

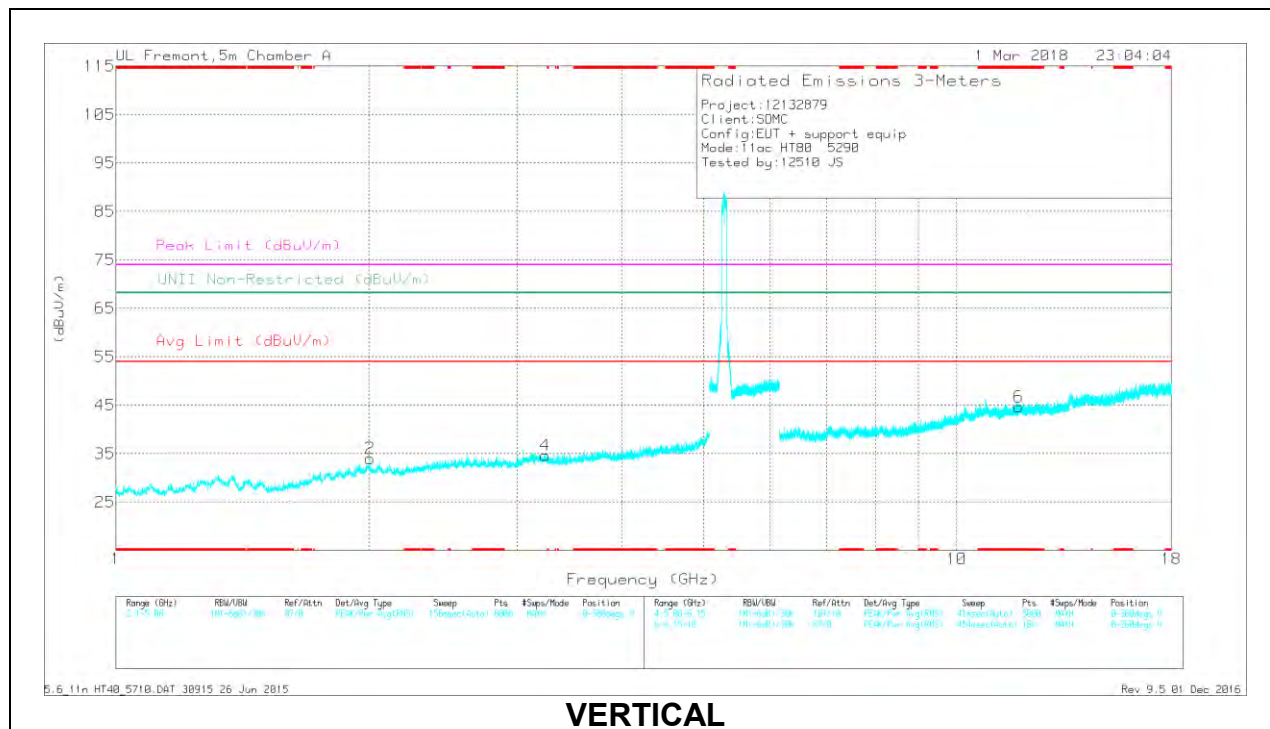
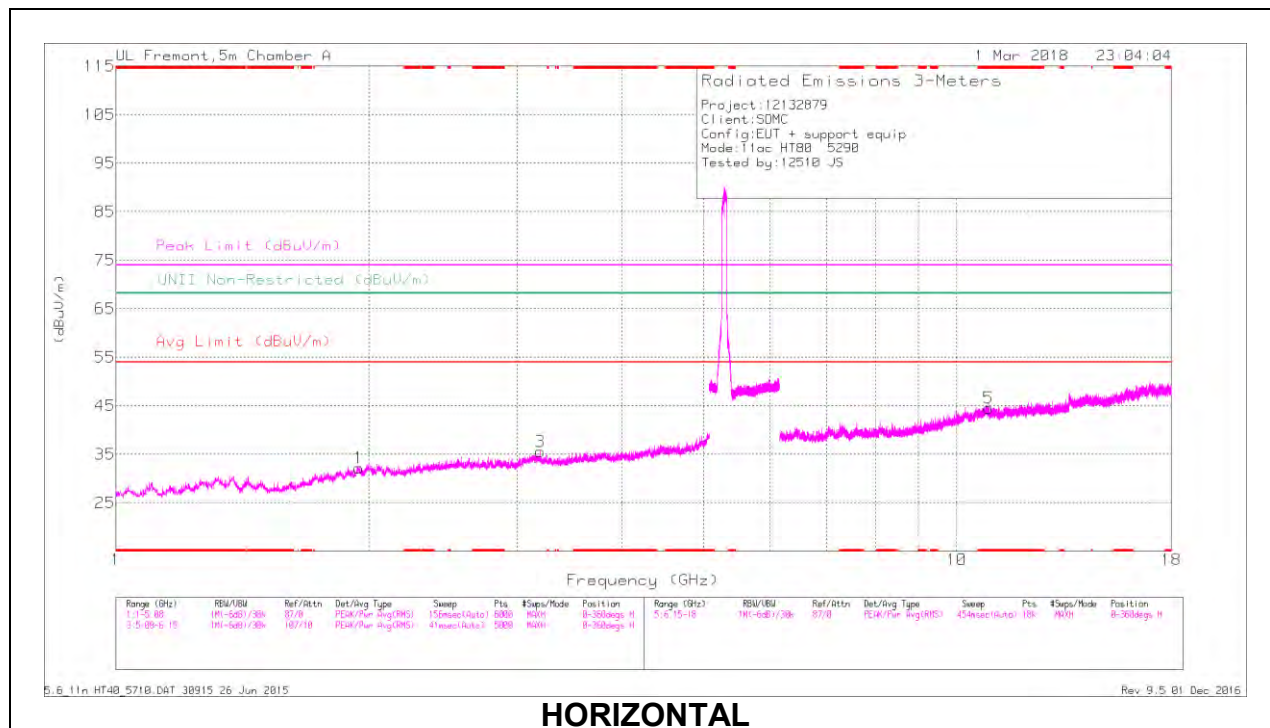
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
5	* 10.911	31.47	PK-U	37.9	-18.9	0	50.47	-	-	74	-23.53	-	-	165	111	H
	* 10.908	20.07	ADR	37.9	-18.9	.52	39.59	54	-14.41	-	-	-	-	165	111	H
6	* 11.85	31.87	PK-U	38.8	-19.7	0	50.97	-	-	74	-23.03	-	-	178	140	V
	* 11.847	20.17	ADR	38.8	-19.7	.52	39.79	54	-14.21	-	-	-	-	178	140	V
1	1.945	39.21	PK-U	31.3	-31.5	0	39.01	-	-	-	-	68.2	-29.19	319	161	H
2	2.004	38.9	PK-U	31.4	-30.7	0	39.6	-	-	-	-	68.2	-28.6	50	188	V
3	3.193	37.71	PK-U	33.1	-29.5	0	41.31	-	-	-	-	68.2	-26.89	153	210	H
4	3.24	37.62	PK-U	33	-30	0	40.62	-	-	-	-	68.2	-27.58	137	128	V

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

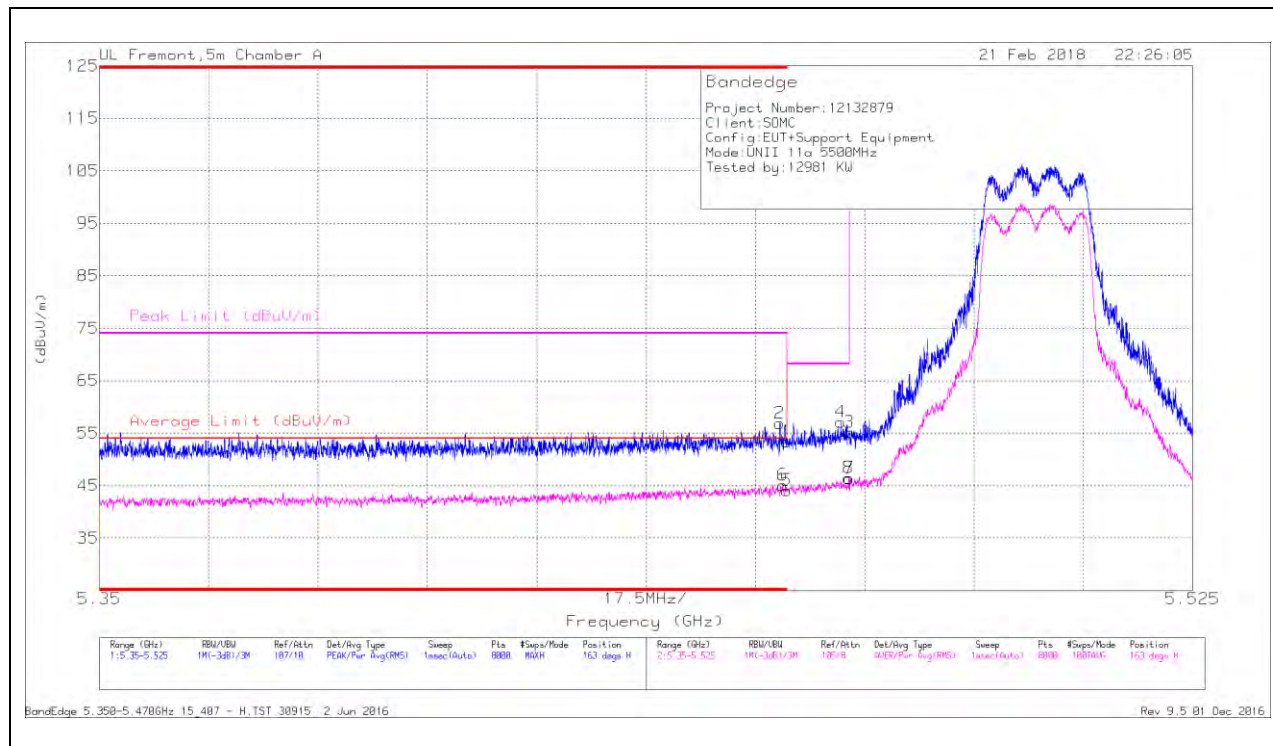
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.9. TX ABOVE 1 GHz 802.11a 2TX CDD MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

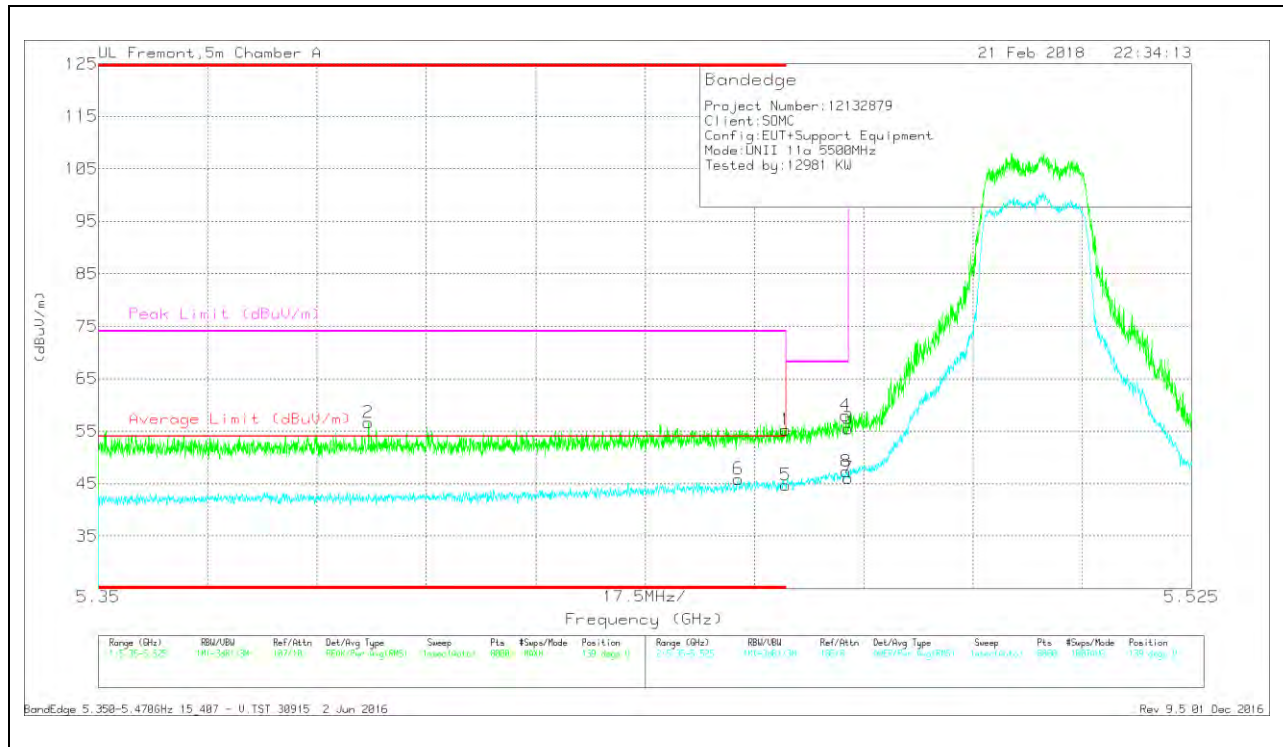
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.459	40.78	Pk	34.7	-18.6	0	56.88	-	-	74	-17.12	163	285	H
6	* 5.459	29.01	RMS	34.7	-18.6	0	45.11	54	-8.89	-	-	163	285	H
1	* 5.46	37.28	Pk	34.7	-18.6	0	53.38	-	-	74	-20.62	163	285	H
5	* 5.46	27.96	RMS	34.7	-18.6	0	44.06	54	-9.94	-	-	163	285	H
4	5.469	40.77	Pk	34.8	-18.5	0	57.07	-	-	68.2	-11.13	163	285	H
3	5.47	38.8	Pk	34.8	-18.5	0	55.1	-	-	68.2	-13.1	163	285	H
7	5.47	30.08	RMS	34.8	-18.5	0	46.38	-	-	-	-	163	285	H
8	5.47	30.17	RMS	34.8	-18.5	0	46.47	-	-	-	-	163	285	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.393	40.5	Pk	34.6	-18.5	0	56.6	-	-	74	-17.4	139	282	V
6	* 5.452	29.68	RMS	34.7	-18.5	0	45.88	54	-8.12	-	-	139	282	V
1	* 5.46	39.17	Pk	34.7	-18.6	0	55.27	-	-	74	-18.73	139	282	V
5	* 5.46	28.58	RMS	34.7	-18.6	0	44.68	54	-9.32	-	-	139	282	V
3	5.47	39.22	Pk	34.8	-18.5	0	55.52	-	-	68.2	-12.68	139	282	V
4	5.47	41.73	Pk	34.8	-18.5	0	58.03	-	-	68.2	-10.17	139	282	V
7	5.47	29.81	RMS	34.8	-18.5	0	46.11	-	-	-	-	139	282	V
8	5.47	31	RMS	34.8	-18.5	0	47.3	-	-	-	-	139	282	V

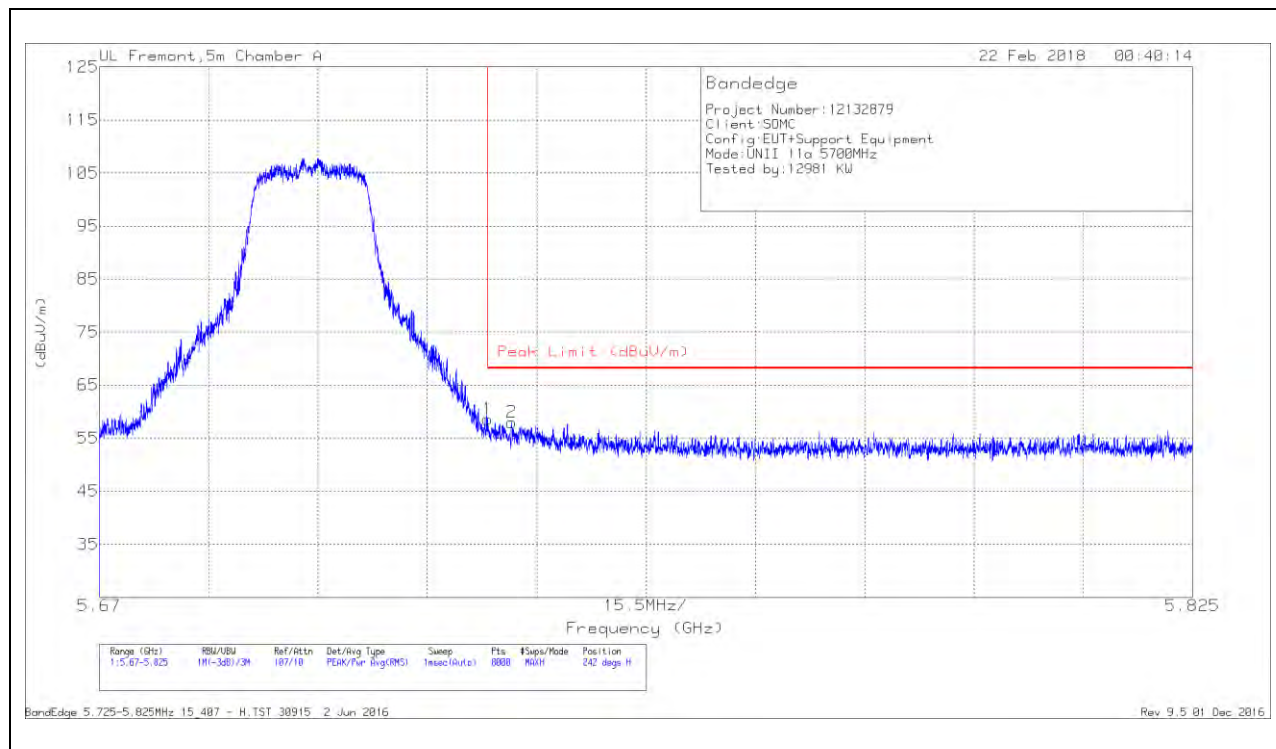
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

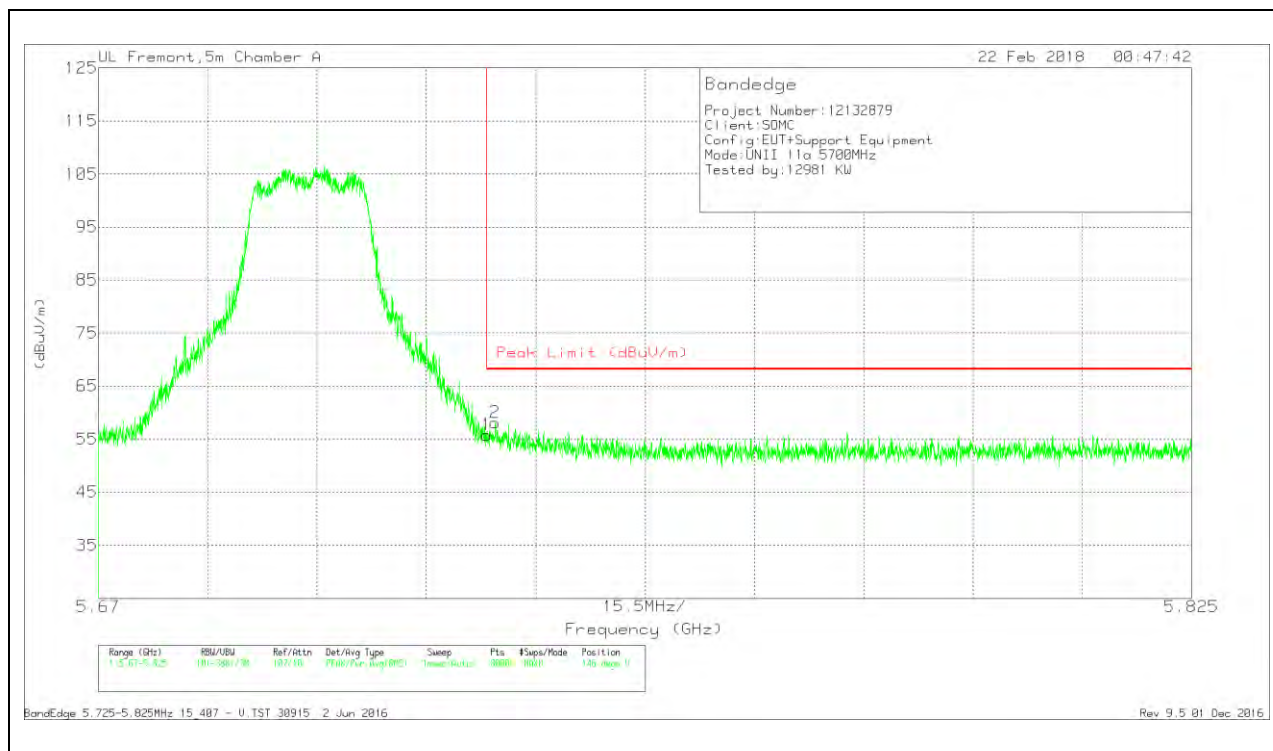


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.16	Pk	35	-18.6	0	58.56	68.2	-9.64	242	109	H
2	5.728	41.54	Pk	35	-18.6	0	57.94	68.2	-10.26	242	109	H

Pk - Peak detector

VERTICAL RESULT



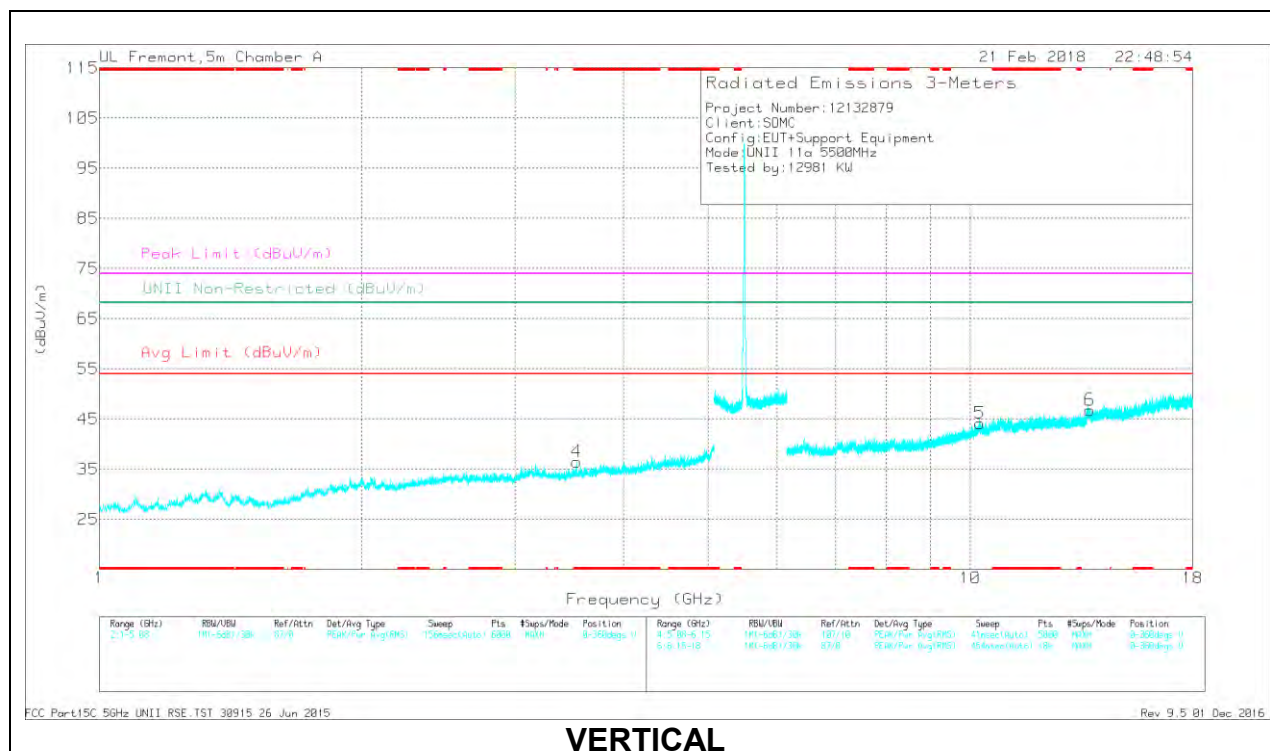
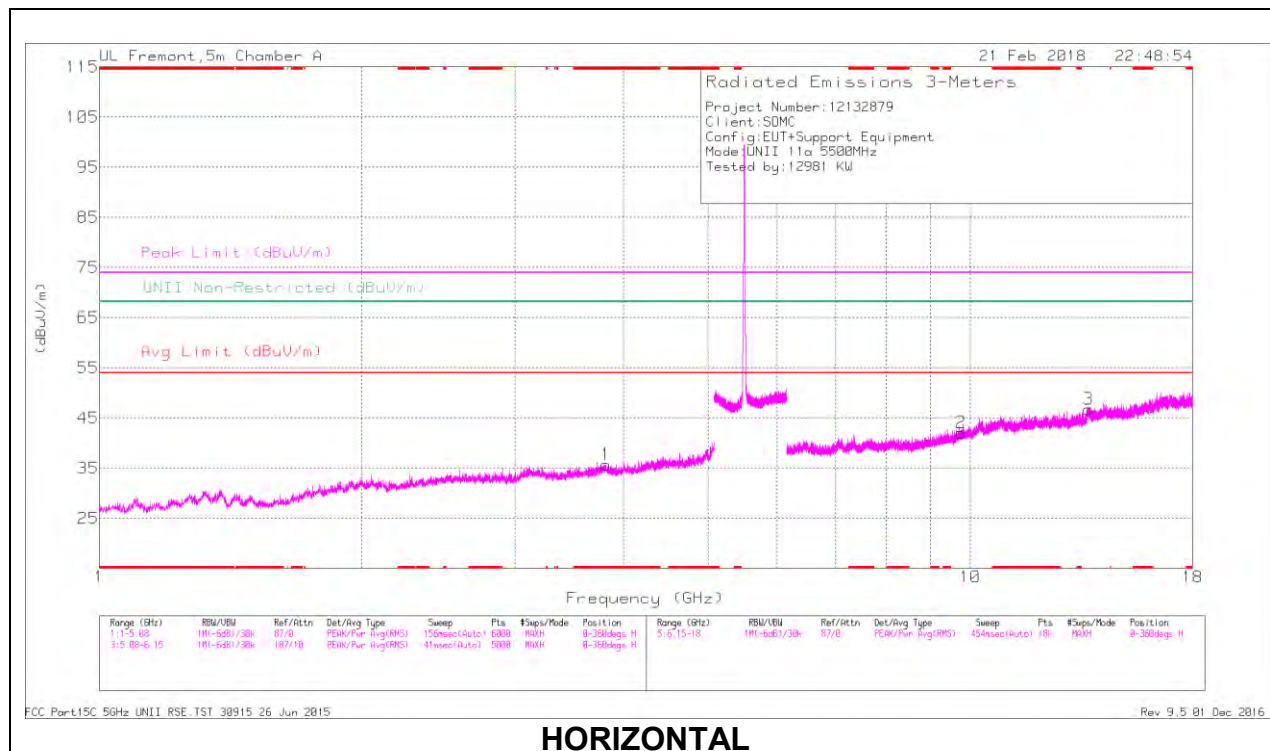
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T86Z (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	39.42	Pk	35	-18.6	0	55.82	68.2	-12.38	146	229	V
2	5.726	41.65	Pk	35	-18.6	0	58.05	68.2	-10.15	146	229	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

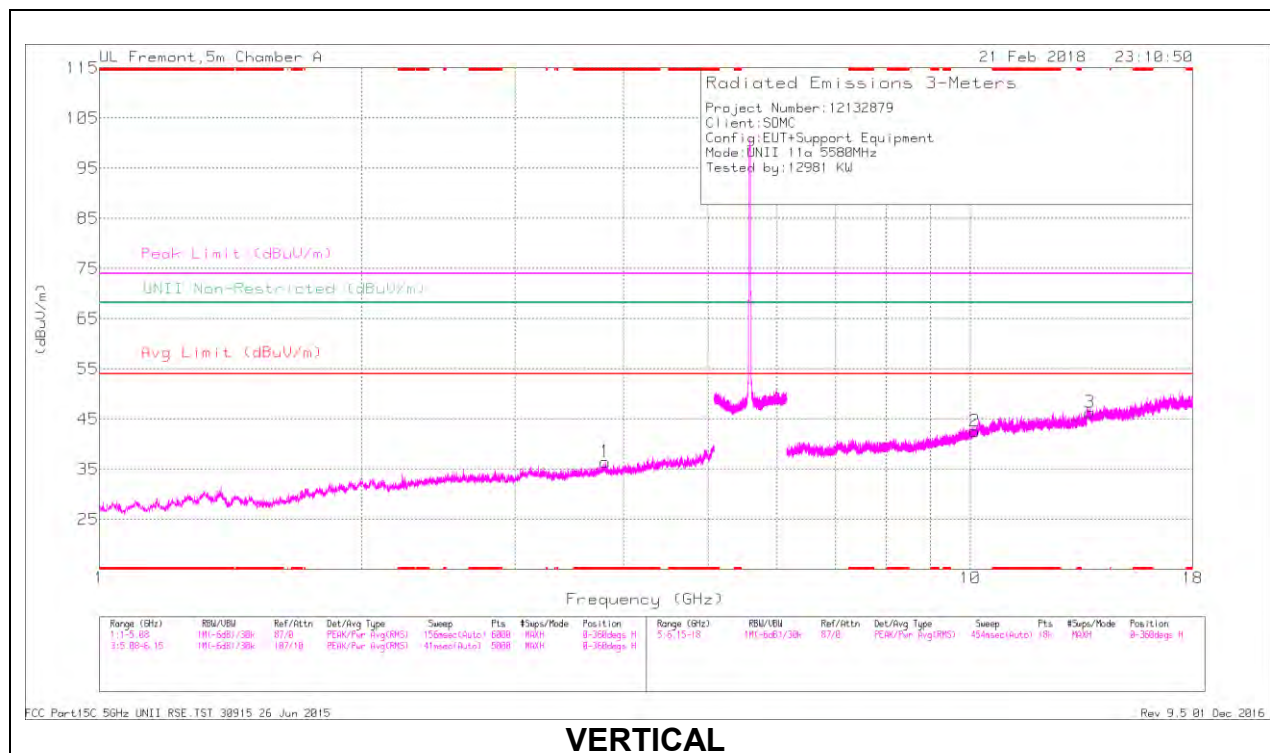
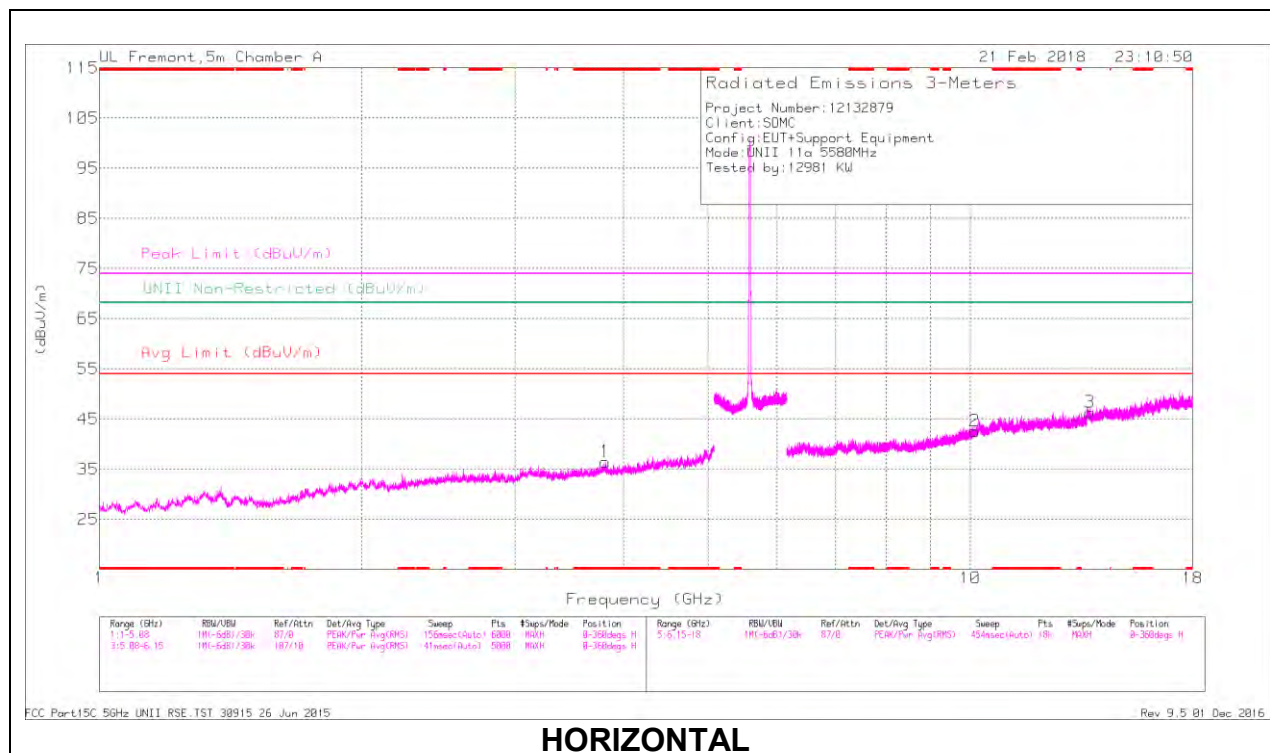
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.811	37.35	PK-U	33.2	-28.3	0	42.25	-	-	74	-31.75	-	-	36	182	H
	* 3.814	26.4	ADR	33.1	-28.2	0	31.3	54	-22.7	-	-	-	-	36	182	H
1	* 3.531	37.27	PK-U	32.9	-28.9	0	41.27	-	-	74	-32.73	-	-	230	202	V
	* 3.531	26.07	ADR	32.9	-28.9	0	30.07	54	-23.93	-	-	-	-	230	202	V
5	9.757	32.83	PK-U	36.9	-21.1	0	48.63	-	-	-	-	68.2	-19.57	85	114	H
3	10.256	31.9	PK-U	37.5	-19.3	0	50.1	-	-	-	-	68.2	-18.1	6	189	V
6	13.668	33.6	PK-U	39.3	-19.2	0	53.7	-	-	-	-	68.2	-14.5	229	207	H
2	13.711	32.78	PK-U	39.3	-19.4	0	52.68	-	-	-	-	68.2	-15.52	300	103	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

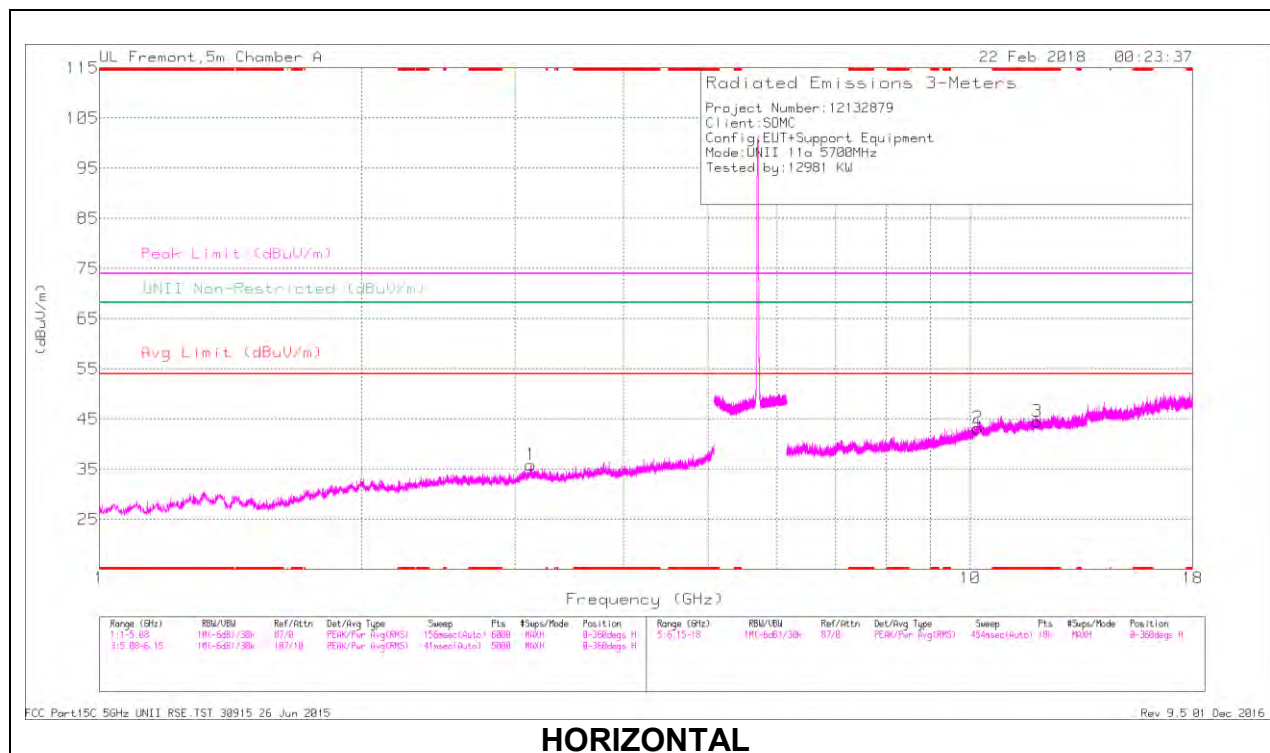
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.809	37.17	PK-U	33.2	-28.3	0	42.07	-	-	74	-31.93	-	-	66	128	H
	* 3.812	26.38	ADR	33.2	-28.3	0	31.28	54	-22.72	-	-	-	-	66	128	H
4	* 3.972	37.25	PK-U	33.3	-28.6	0	41.95	-	-	74	-32.05	-	-	116	205	V
	* 3.973	26.04	ADR	33.3	-28.6	0	30.74	54	-23.26	-	-	-	-	116	205	V
2	10.112	32.76	PK-U	37.5	-20.7	0	49.56	-	-	-	-	68.2	-18.64	7	110	H
5	10.253	32.25	PK-U	37.5	-19.2	0	50.55	-	-	-	-	68.2	-17.65	175	166	V
3	13.713	33.4	PK-U	39.3	-19.4	0	53.3	-	-	-	-	68.2	-14.9	209	208	H
6	14.239	33.31	PK-U	39.6	-18.9	0	54.01	-	-	-	-	68.2	-14.19	311	249	V

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

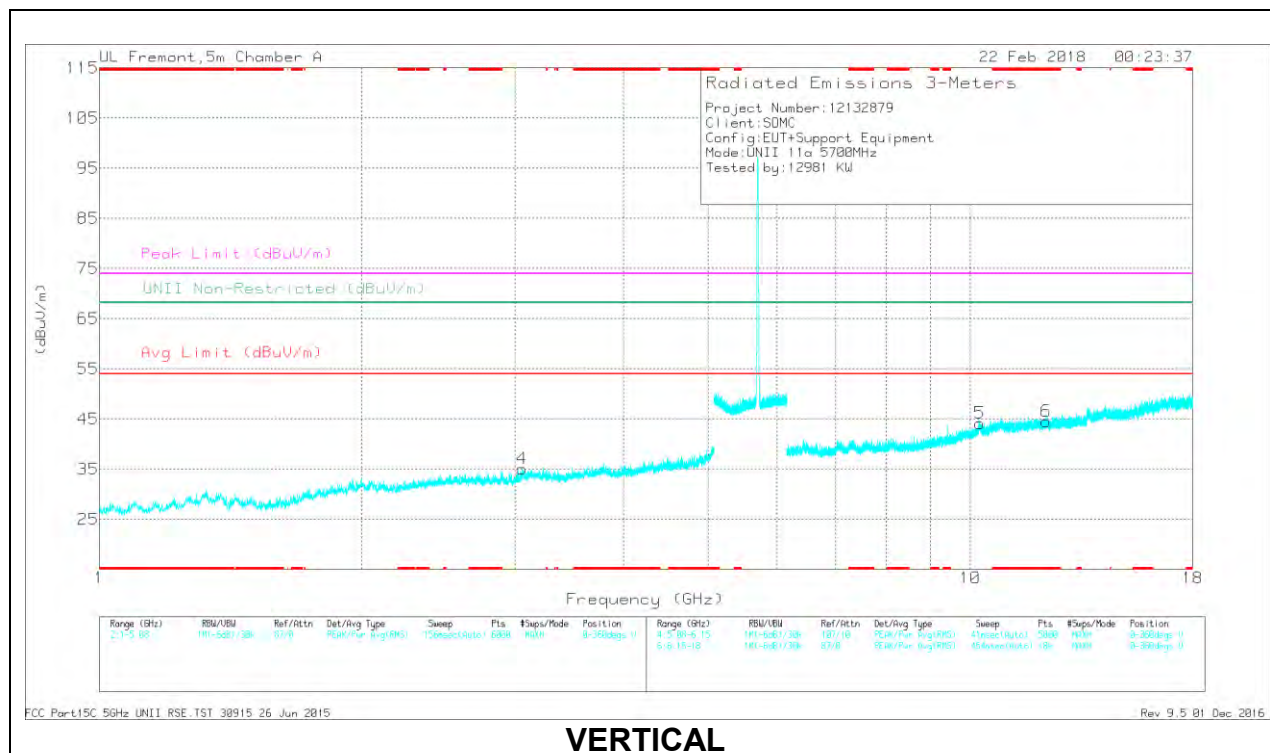
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

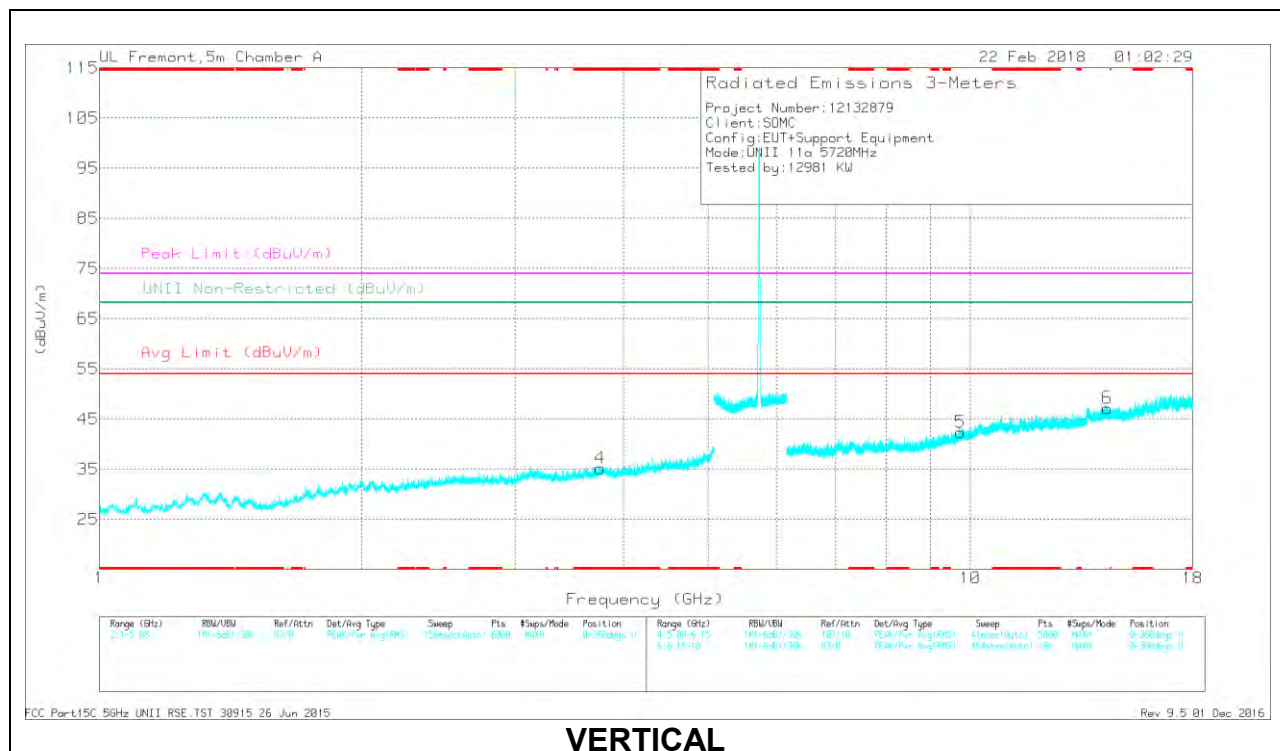
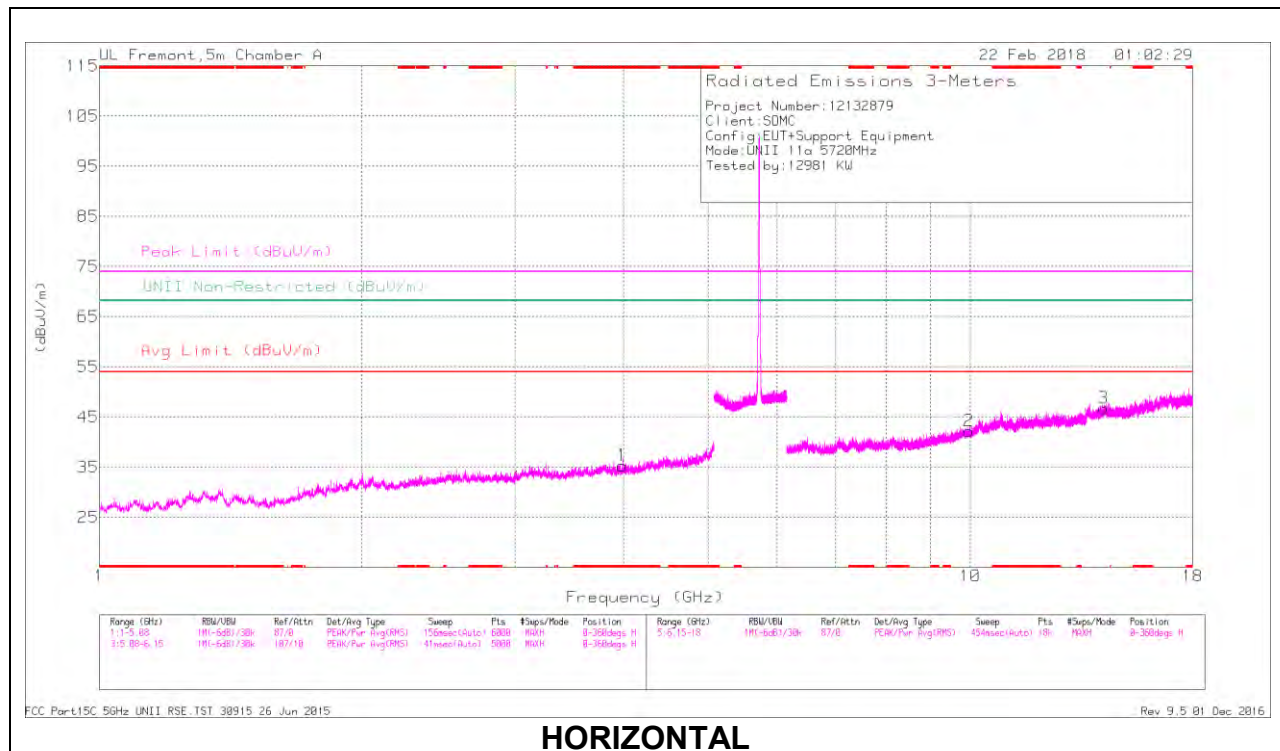
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 11.932	31.71	PK-U	38.9	-19.8	0	50.81	-	-	74	-23.19	-	-	188	124	H
	* 11.931	21.16	ADR	38.9	-19.8	0	40.26	54	-13.74	-	-	-	-	188	124	H
6	* 12.224	31.86	PK-U	39	-19.8	0	51.06	-	-	74	-22.94	-	-	209	155	V
	* 12.224	21.22	ADR	39	-19.8	0	40.42	54	-13.58	-	-	-	-	209	155	V
4	3.058	38.75	PK-U	32.8	-29.7	0	41.85	-	-	-	-	68.2	-26.35	55	112	V
1	3.13	37.65	PK-U	32.8	-28.9	0	41.55	-	-	-	-	68.2	-26.65	160	153	H
2	10.202	32.44	PK-U	37.4	-20.3	0	49.54	-	-	-	-	68.2	-18.66	20	194	H
5	10.258	32.48	PK-U	37.5	-19.3	0	50.68	-	-	-	-	68.2	-17.52	322	104	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
4	* 3.982	37.43	PK-U	33.3	-28.4	0	42.33	-	-	74	-31.67	-	-	47	171	H
	* 3.982	25.73	ADR	33.3	-28.4	0	30.63	54	-23.37	-	-	-	-	47	171	H
1	* 3.758	37.81	PK-U	33.2	-28.7	0	42.31	-	-	74	-31.69	-	-	222	196	V
	* 3.757	26.22	ADR	33.2	-28.8	0	30.62	54	-23.38	-	-	-	-	222	196	V
3	9.74	33.18	PK-U	36.9	-21.2	0	48.88	-	-	-	-	68.2	-19.32	116	182	V
6	9.961	32.25	PK-U	37.2	-20.7	0	48.75	-	-	-	-	68.2	-19.45	206	172	H
5	14.219	33.32	PK-U	39.6	-19.2	0	53.72	-	-	-	-	68.2	-14.48	88	164	H
2	14.367	32.53	PK-U	39.7	-19.2	0	53.03	-	-	-	-	68.2	-15.17	301	198	V

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

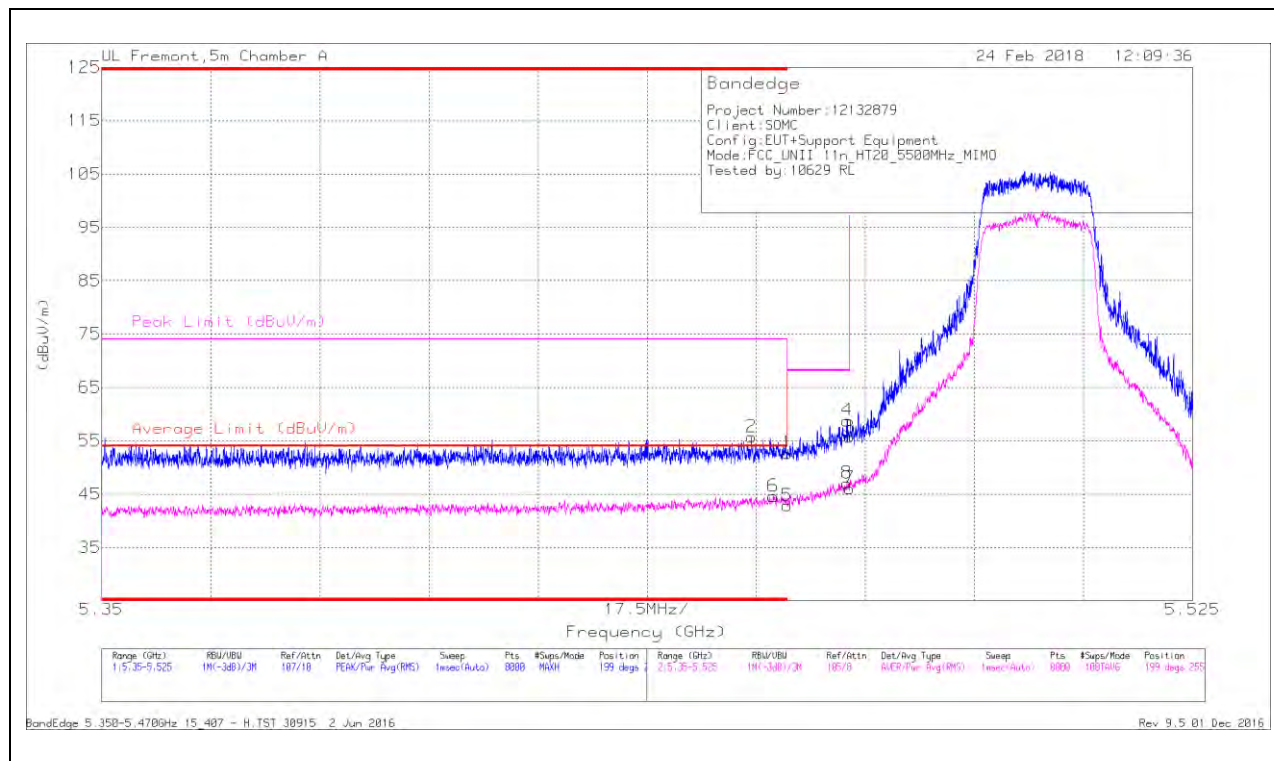
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.10. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

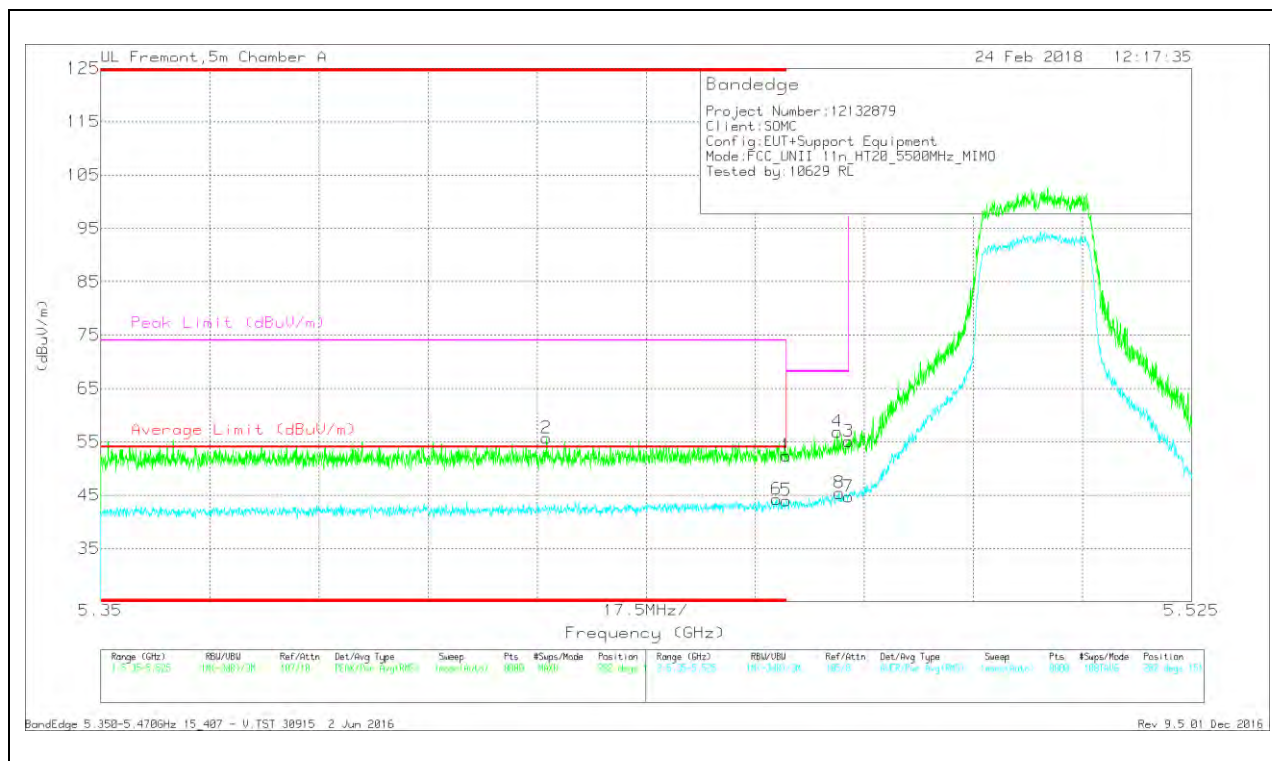
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.454	39.64	Pk	34.7	-18.6	0	55.74	-	-	74	-18.26	199	255	H
6	* 5.458	28.51	RMS	34.7	-18.6	0	44.61	54	-9.39	-	-	199	255	H
1	* 5.46	36.58	Pk	34.7	-18.6	0	52.68	-	-	74	-21.32	199	255	H
5	* 5.46	26.78	RMS	34.7	-18.6	0	42.88	54	-11.12	-	-	199	255	H
3	5.47	39.37	Pk	34.8	-18.5	0	55.67	-	-	68.2	-12.53	199	255	H
4	5.47	42.52	Pk	34.8	-18.5	0	58.82	-	-	68.2	-9.38	199	255	H
7	5.47	29.81	RMS	34.8	-18.5	0	46.11	-	-	-	-	199	255	H
8	5.47	30.77	RMS	34.8	-18.5	0	47.07	-	-	-	-	199	255	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.422	39.51	Pk	34.7	-18.5	0	55.71	-	-	74	-18.29	282	151	V
6	* 5.458	28.12	RMS	34.7	-18.6	0	44.22	54	-9.78	-	-	282	151	V
1	* 5.46	36.29	Pk	34.7	-18.6	0	52.39	-	-	74	-21.61	282	151	V
5	* 5.46	27.91	RMS	34.7	-18.6	0	44.01	54	-9.99	-	-	282	151	V
4	5.468	40.57	Pk	34.8	-18.5	0	56.87	-	-	68.2	-11.33	282	151	V
8	5.468	29.09	RMS	34.8	-18.5	0	45.39	-	-	-	-	282	151	V
3	5.47	38.79	Pk	34.8	-18.5	0	55.09	-	-	68.2	-13.11	282	151	V
7	5.47	28.39	RMS	34.8	-18.5	0	44.69	-	-	-	-	282	151	V

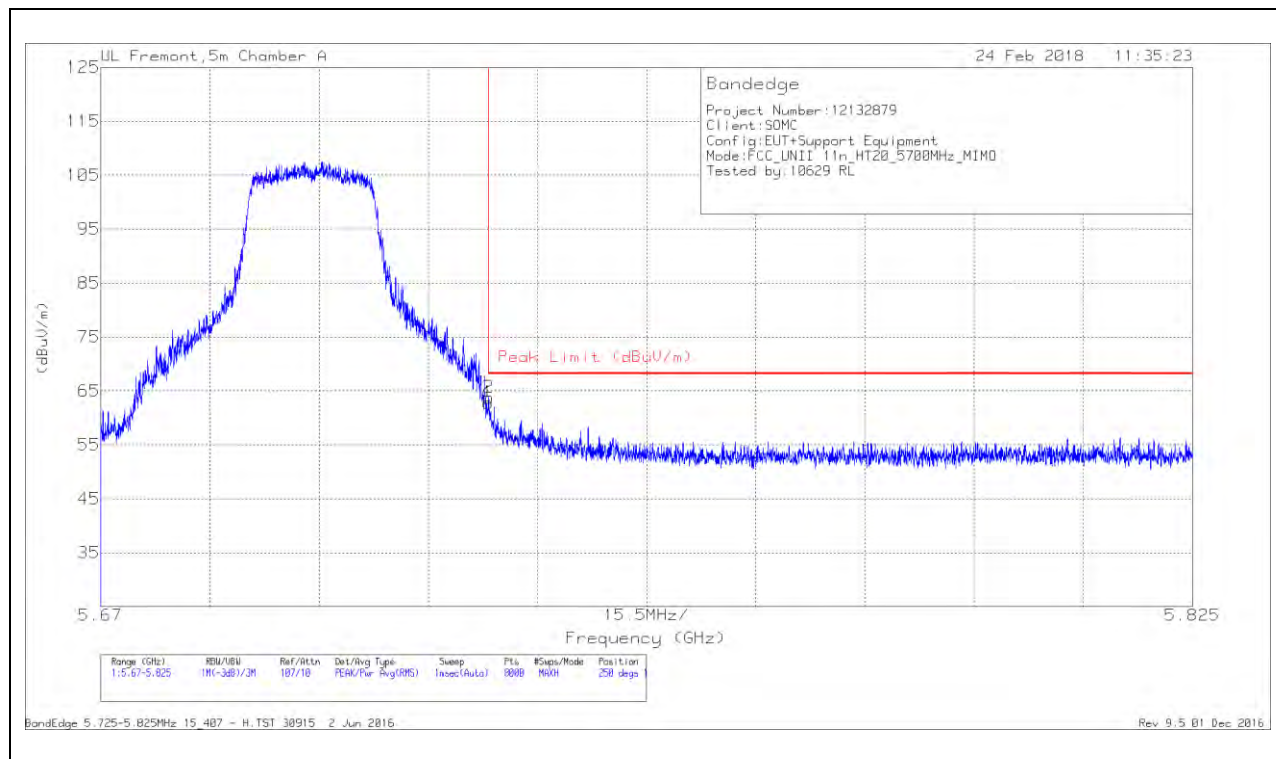
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

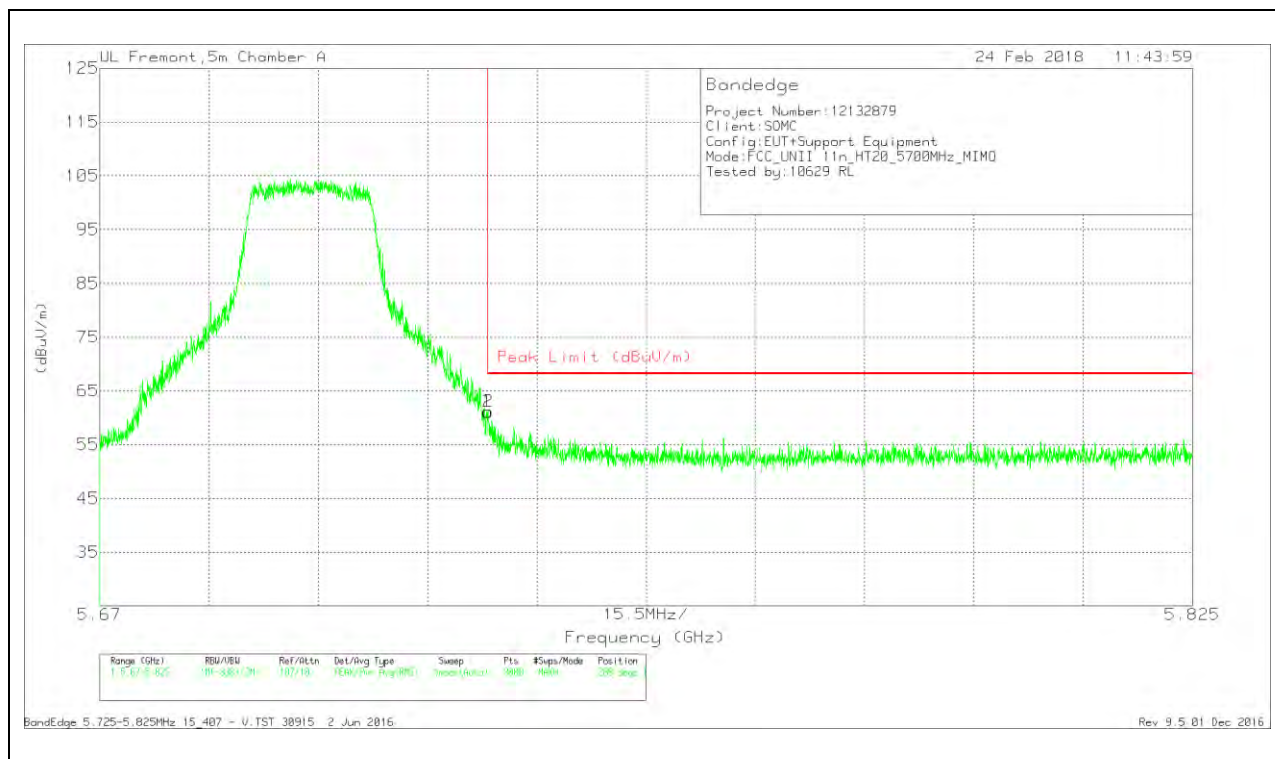


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T86Z (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	46.41	Pk	35	-18.6	0	62.81	68.2	-5.39	250	102	H
2	5.725	47.38	Pk	35	-18.6	0	63.78	68.2	-4.42	250	102	H

Pk - Peak detector

VERTICAL RESULT



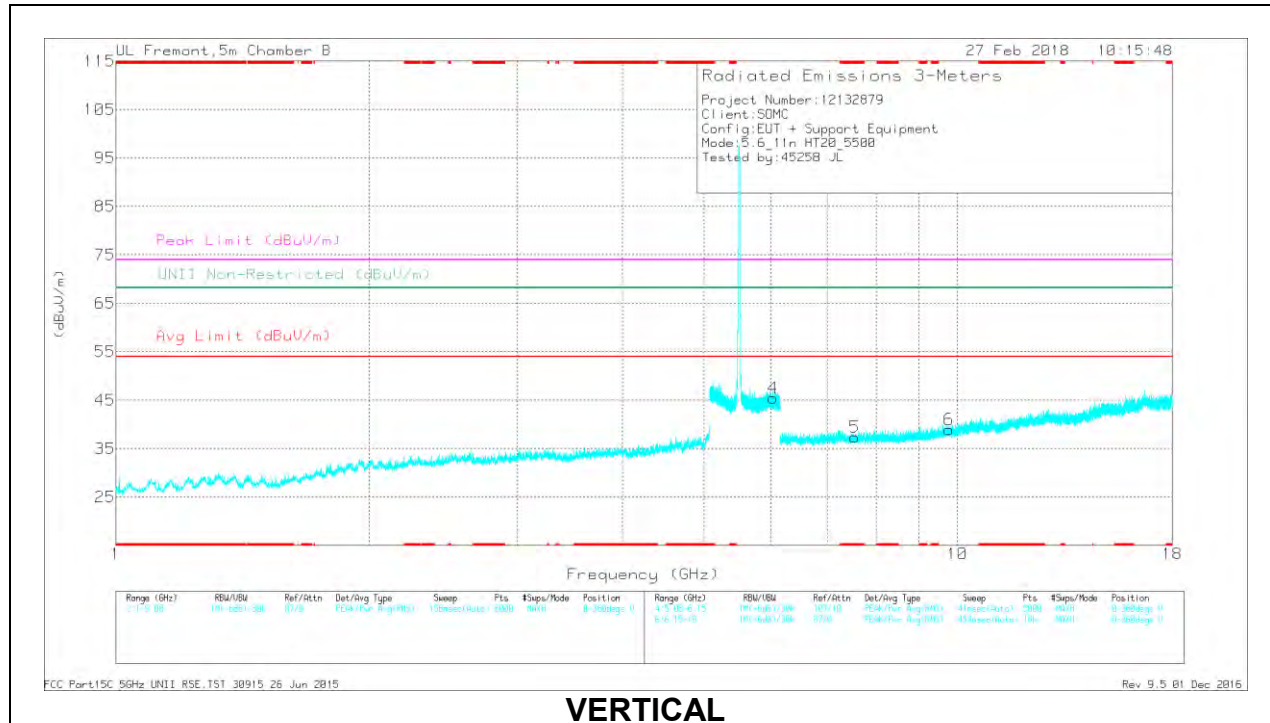
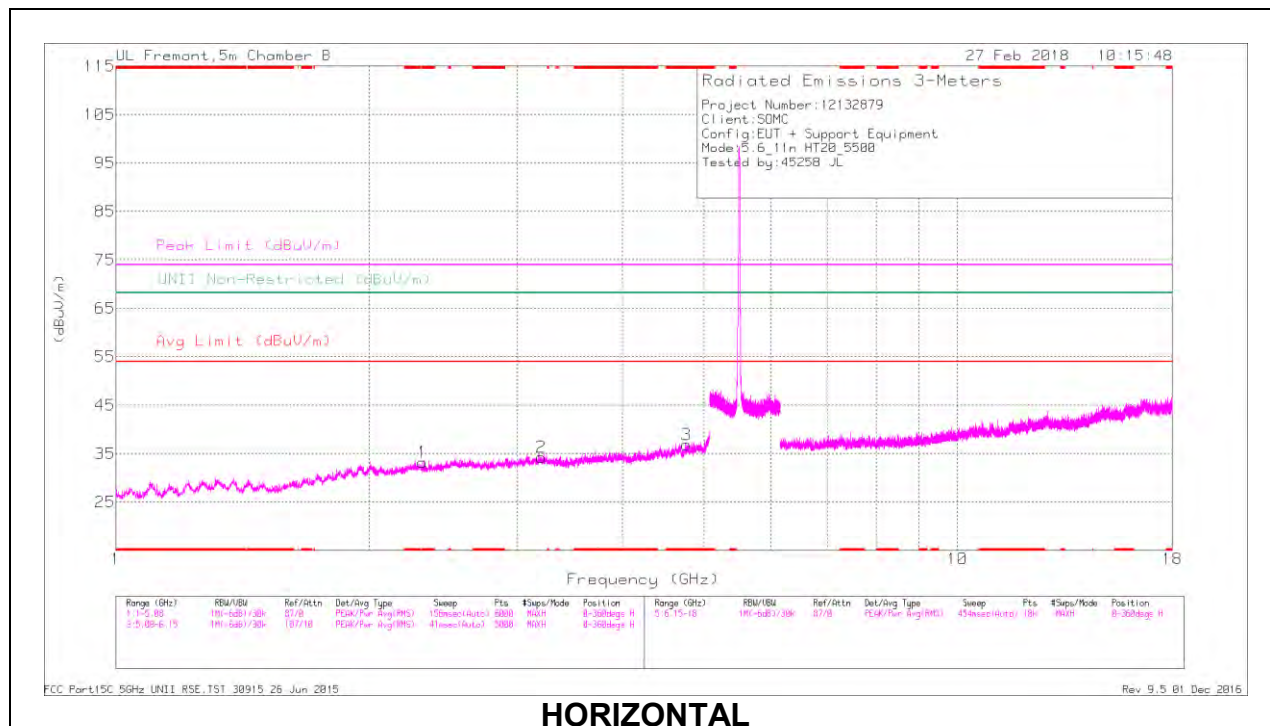
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.73	Pk	35	-18.6	0	61.13	68.2	-7.07	289	164	V
2	5.725	44.73	Pk	35	-18.6	0	61.13	68.2	-7.07	289	164	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

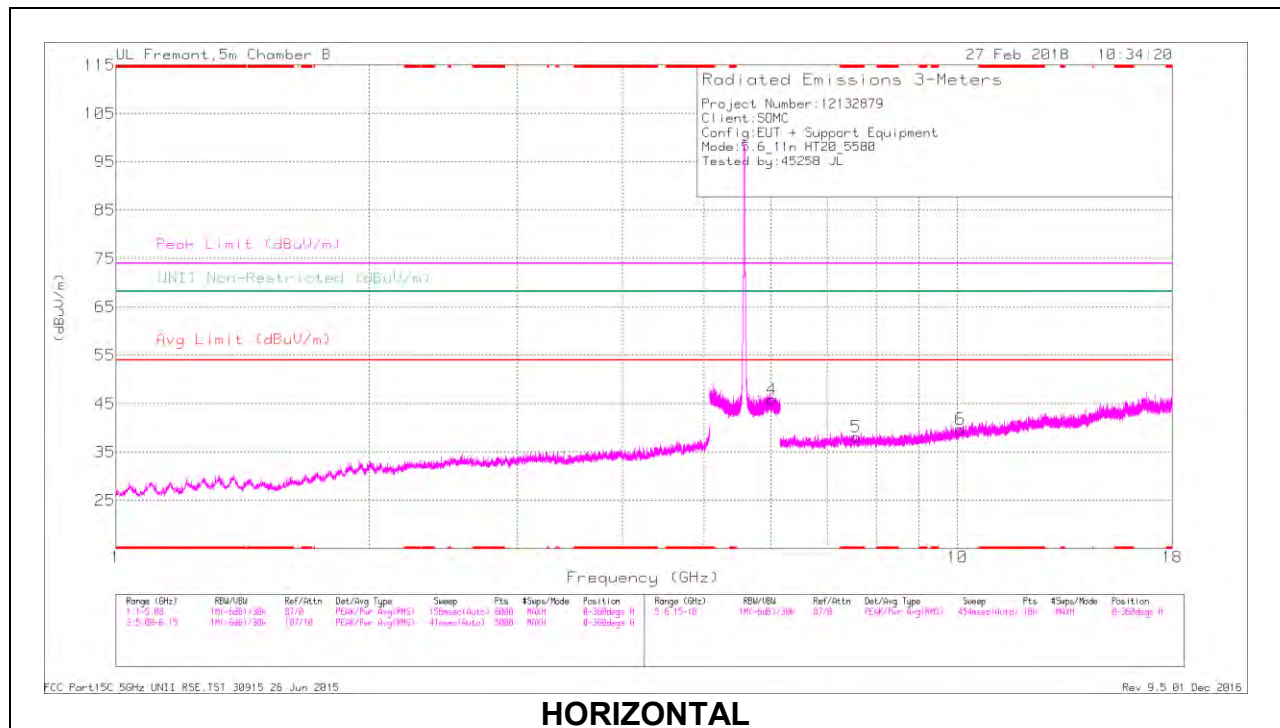
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.313	40.36	PK-U	31.9	-32.7	0	39.56	-	-	74	-34.44	-	-	345	199	H
	* 2.315	28.79	ADR	31.9	-32.8	0	27.89	54	-26.11	-	-	-	-	345	199	H
3	* 4.765	38.55	PK-U	34.3	-30.1	0	42.75	-	-	74	-31.25	-	-	290	227	H
	* 4.765	27.3	ADR	34.3	-30.1	0	31.5	54	-22.5	-	-	-	-	290	227	H
5	* 7.551	35.74	PK-U	36	-27.7	0	44.04	-	-	74	-29.96	-	-	241	265	V
	* 7.551	24.62	ADR	36	-27.7	0	32.92	54	-21.08	-	-	-	-	241	265	V
2	3.204	39.74	PK-U	33	-31.5	0	41.24	-	-	-	-	68.2	-26.96	181	287	H
4	6.04	37.13	PK-U	35.4	-19.8	0	52.73	-	-	-	-	68.2	-15.47	194	260	V
6	9.771	34.41	PK-U	36.9	-25.4	0	45.91	-	-	-	-	68.2	-22.29	149	229	V

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

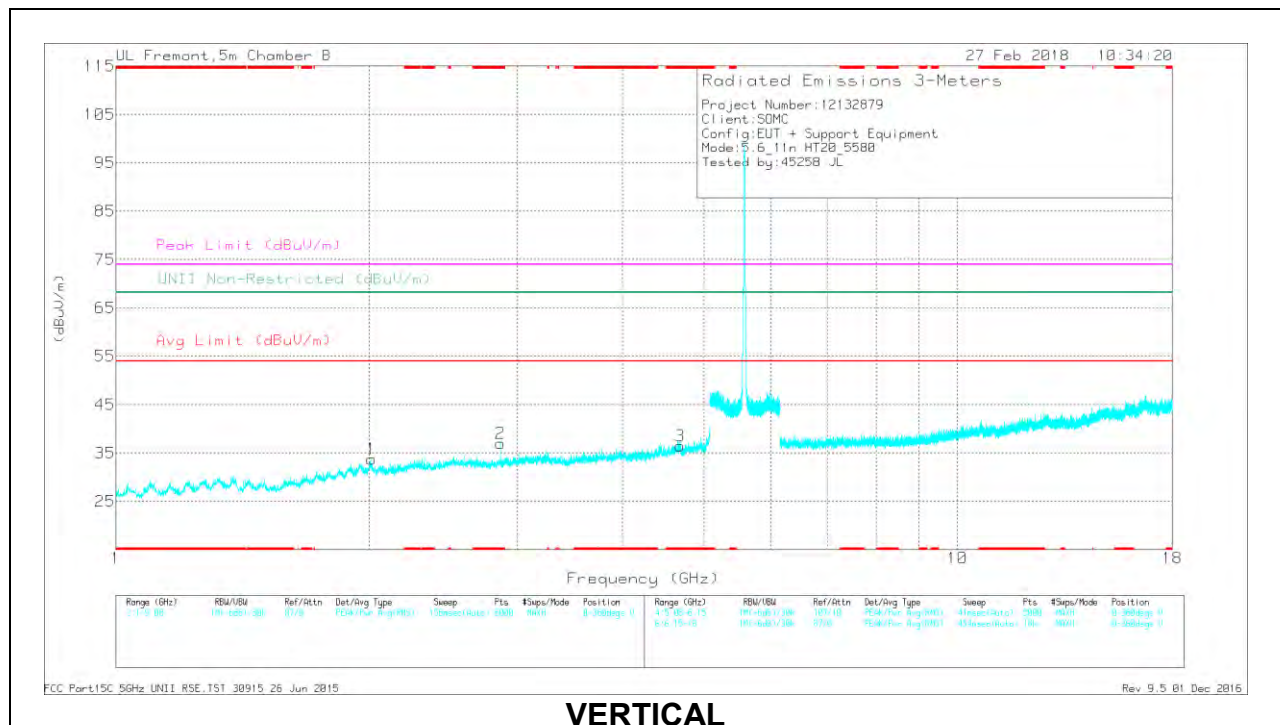
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

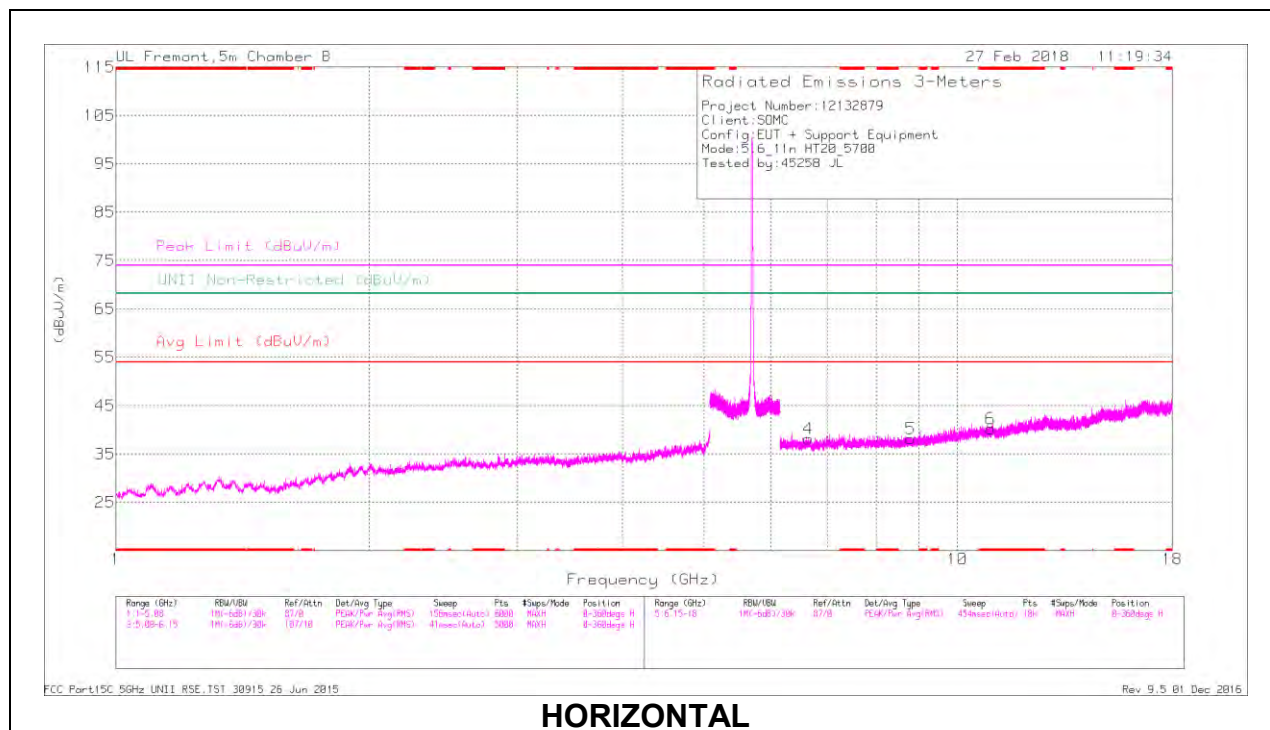
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2	* 2.862	40.84	PK-U	32.4	-32.1	0	41.14	-	-	74	-32.86	-	-	51	202	V
	* 2.863	28.58	ADR	32.4	-32.1	0	28.88	54	-25.12	-	-	-	-	51	202	V
3	* 4.683	38.93	PK-U	34.2	-30.1	0	43.03	-	-	74	-30.97	-	-	132	236	V
	* 4.684	27.65	ADR	34.2	-30	0	31.85	54	-22.15	-	-	-	-	132	236	V
5	* 7.575	36.83	PK-U	36	-27.9	0	44.93	-	-	74	-29.07	-	-	247	292	H
	* 7.578	25.3	ADR	36	-27.9	0	33.4	54	-20.6	-	-	-	-	247	292	H
1	2.011	41.61	PK-U	31.3	-32.6	0	40.31	-	-	-	-	68.2	-27.89	303	252	V
4	6.019	38.29	PK-U	35.3	-19.8	0	53.79	-	-	-	-	68.2	-14.41	332	230	H
6	10.08	33.47	PK-U	37.3	-25.1	0	45.67	-	-	-	-	68.2	-22.53	291	203	H

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

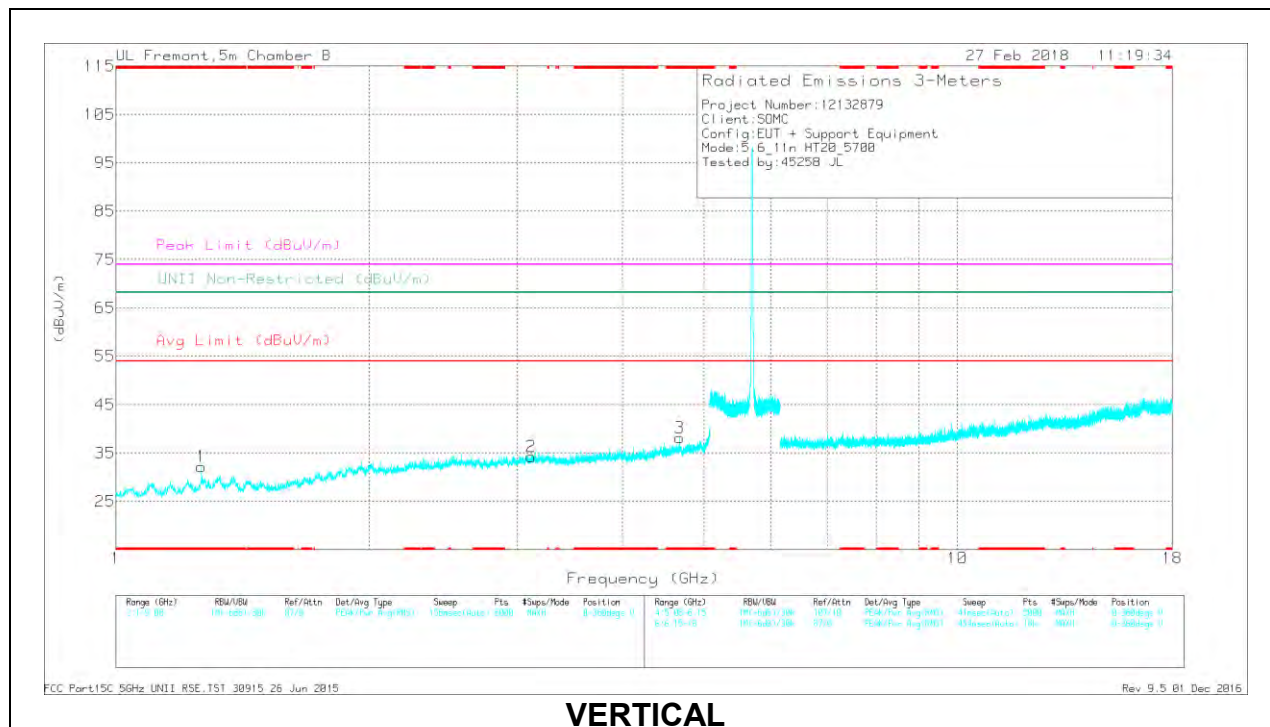
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

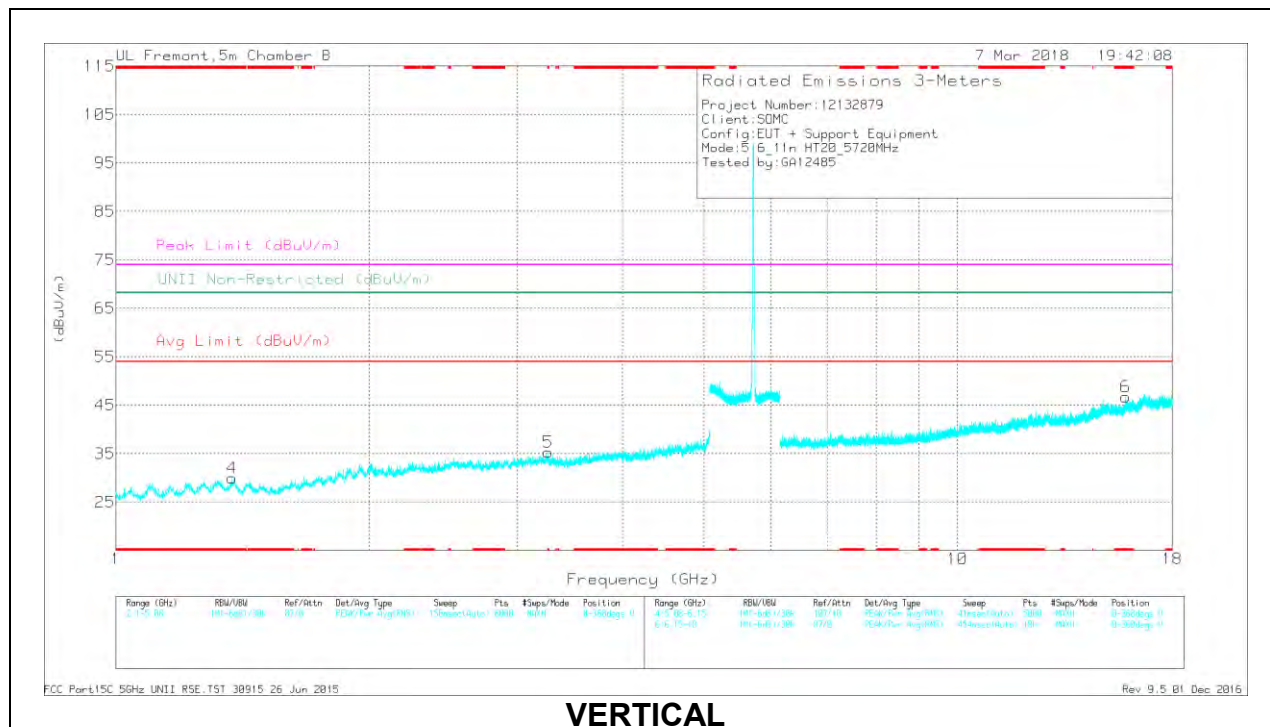
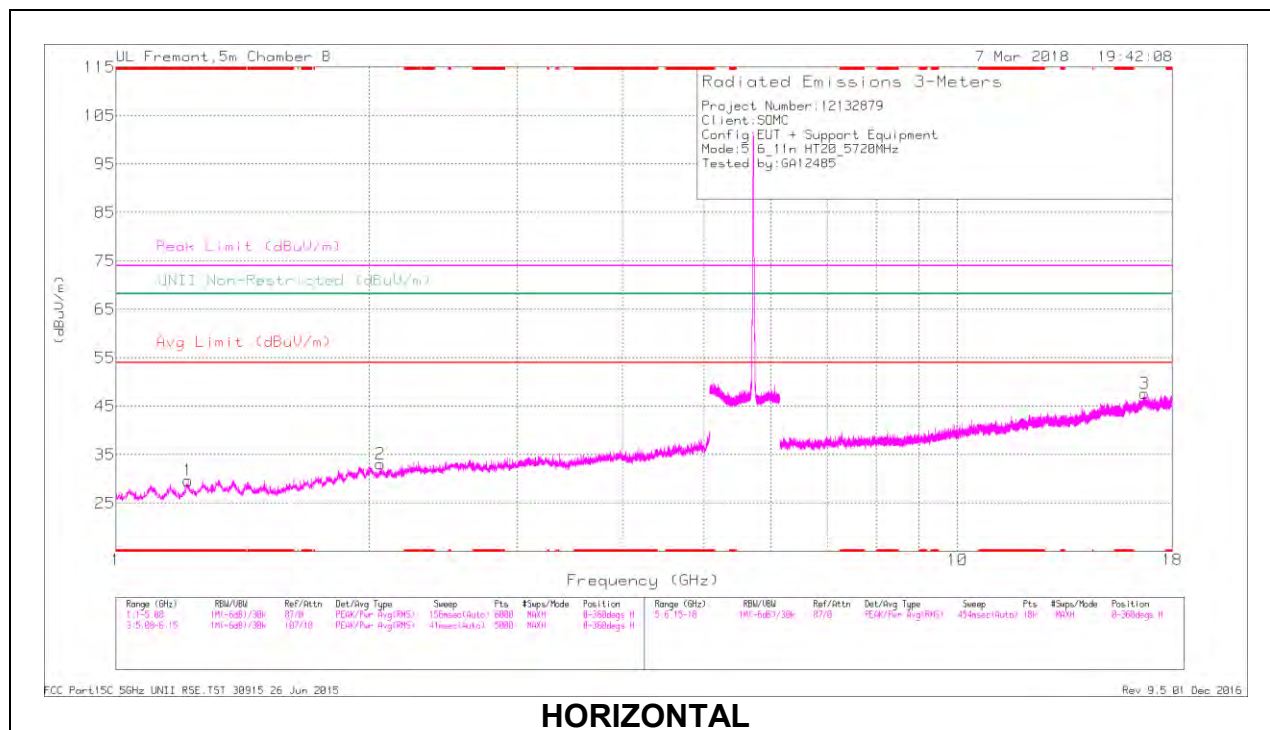
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.264	42.69	PK-U	28.8	-34.7	0	36.79	-	-	74	-37.21	-	-	306	166	V
	* 1.266	30.52	ADR	28.8	-34.7	0	24.62	54	-29.38	-	-	-	-	306	166	V
3	* 4.673	38.9	PK-U	34.3	-29.8	0	43.4	-	-	74	-30.6	-	-	202	207	V
	* 4.67	27.54	ADR	34.3	-29.7	0	32.14	54	-21.86	-	-	-	-	202	207	V
6	* 10.947	32.87	PK-U	37.7	-24.3	0	46.27	-	-	74	-27.73	-	-	236	248	H
	* 10.949	21.7	ADR	37.7	-24.3	0	35.1	54	-18.9	-	-	-	-	236	248	H
2	3.112	40.63	PK-U	33.2	-32.3	0	41.53	-	-	-	-	68.2	-26.67	160	225	V
4	6.651	37.52	PK-U	35.7	-28.8	0	44.42	-	-	-	-	68.2	-23.78	146	204	H
5	8.803	35.77	PK-U	36.1	-27.2	0	44.67	-	-	-	-	68.2	-23.53	118	232	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

CHANNEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 1.219	41.7	PK-U	28.3	-34.4	0	35.6	-	-	74	-38.4	-	-	309	377	H
	* 1.219	29.82	ADR	28.3	-34.4	0	23.72	54	-30.28	-	-	-	-	309	377	H
4	* 1.374	41.53	PK-U	28.5	-33.7	0	36.33	-	-	74	-37.67	-	-	43	373	V
	* 1.375	29.22	ADR	28.5	-33.7	0	24.02	54	-29.98	-	-	-	-	43	373	V
6	* 3.266	39.7	PK-U	33	-31.5	0	41.2	-	-	74	-32.8	-	-	328	388	V
	* 3.266	27.3	ADR	33	-31.5	0	28.8	54	-25.2	-	-	-	-	328	388	V
5	* 15.845	32.56	PK-U	41	-21.2	0	52.36	-	-	74	-21.64	-	-	147	349	V
	* 15.847	20.89	ADR	41	-21.1	0	40.79	54	-13.21	-	-	-	-	147	349	V
3	2.062	40.8	PK-U	31.4	-33.3	0	38.9	-	-	-	-	68.2	-29.3	334	165	H
2	16.681	32.29	PK-U	42.2	-21.8	0	52.69	-	-	-	-	68.2	-15.51	119	308	H

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

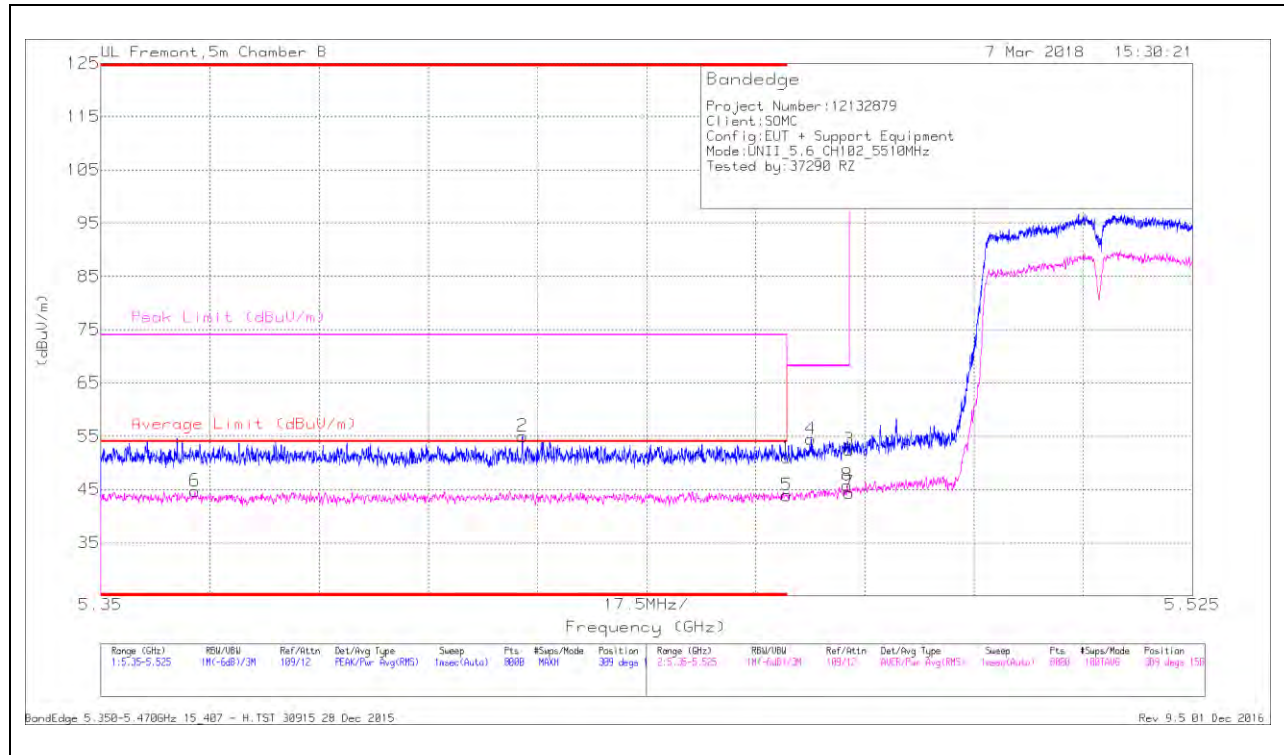
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.11. TX ABOVE 1 GHz 802.11n HT40 2TX CDD MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

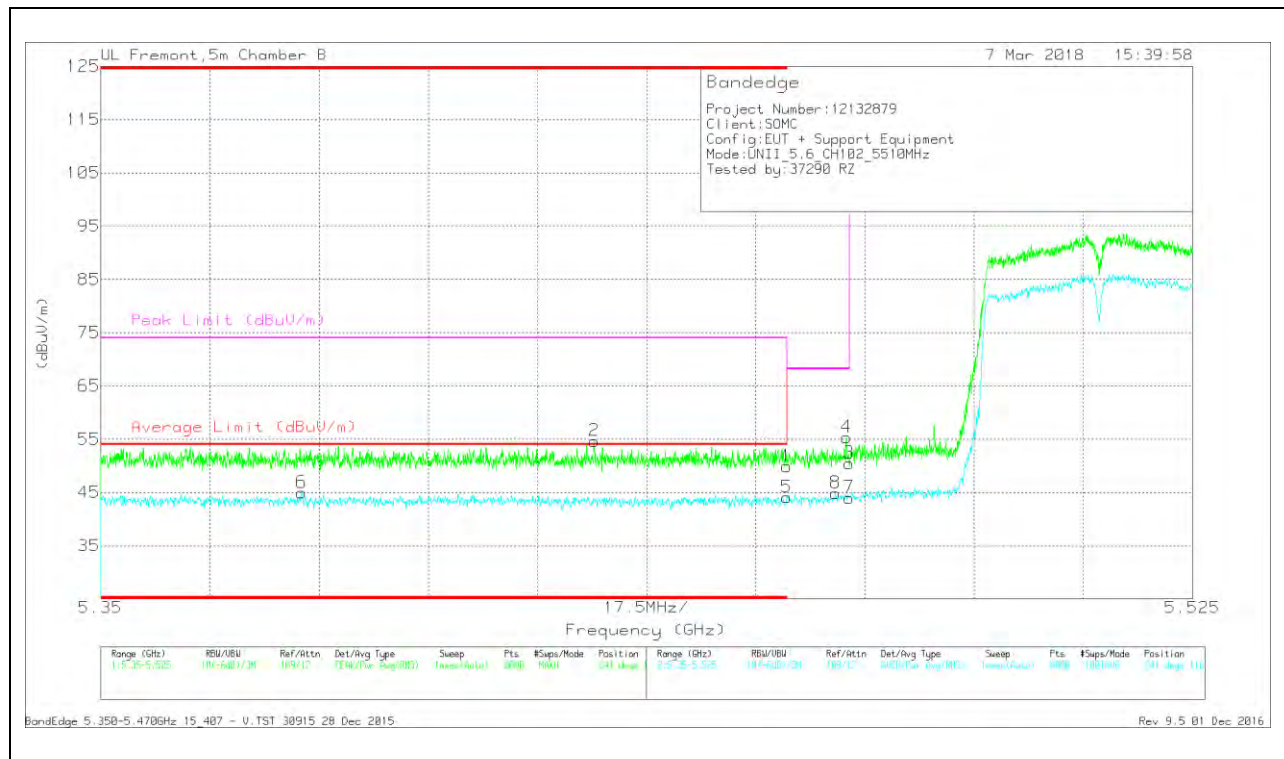
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.365	28.76	RMS	34.9	-19.2	.26	44.72	54	-9.28	-	-	309	150	H
2	* 5.418	39.32	Pk	35.1	-19.4	0	55.02	-	-	74	-18.98	309	150	H
1	* 5.46	35.56	Pk	35.2	-19.7	0	51.06	-	-	74	-22.94	309	150	H
5	* 5.46	28.16	RMS	35.2	-19.7	.26	43.92	54	-10.08	-	-	309	150	H
4	5.464	38.99	Pk	35.2	-19.7	0	54.49	-	-	68.2	-13.71	309	150	H
3	5.47	36.98	Pk	35.2	-19.7	0	52.48	-	-	68.2	-15.72	309	150	H
7	5.47	28.64	RMS	35.2	-19.7	.26	44.4	-	-	-	-	309	150	H
8	5.47	30.07	RMS	35.2	-19.7	.26	45.83	-	-	-	-	309	150	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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
6	* 5.382	28.93	RMS	35	-19.2	.26	44.99	54	-9.01	-	-	241	116	V
2	* 5.429	39.16	Pk	35.1	-19.6	0	54.66	-	-	74	-19.34	241	116	V
1	* 5.46	34.42	Pk	35.2	-19.7	0	49.92	-	-	74	-24.08	241	116	V
5	* 5.46	28.31	RMS	35.2	-19.7	.26	44.07	54	-9.93	-	-	241	116	V
8	5.468	29.12	RMS	35.2	-19.7	.26	44.88	-	-	-	-	241	116	V
3	5.47	35	Pk	35.2	-19.7	0	50.5	-	-	68.2	-17.7	241	116	V
4	5.47	39.96	Pk	35.2	-19.8	0	55.36	-	-	68.2	-12.84	241	116	V
7	5.47	28.24	RMS	35.2	-19.7	.26	44	-	-	-	-	241	116	V

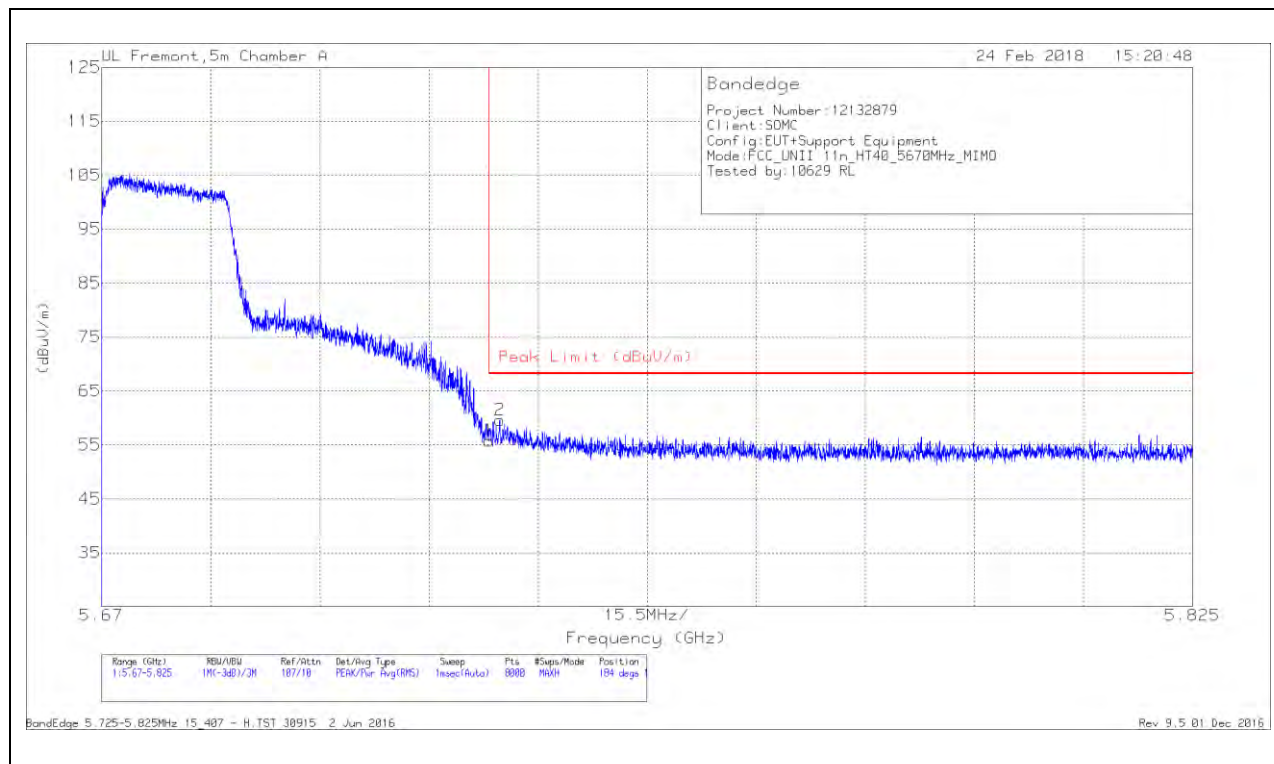
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

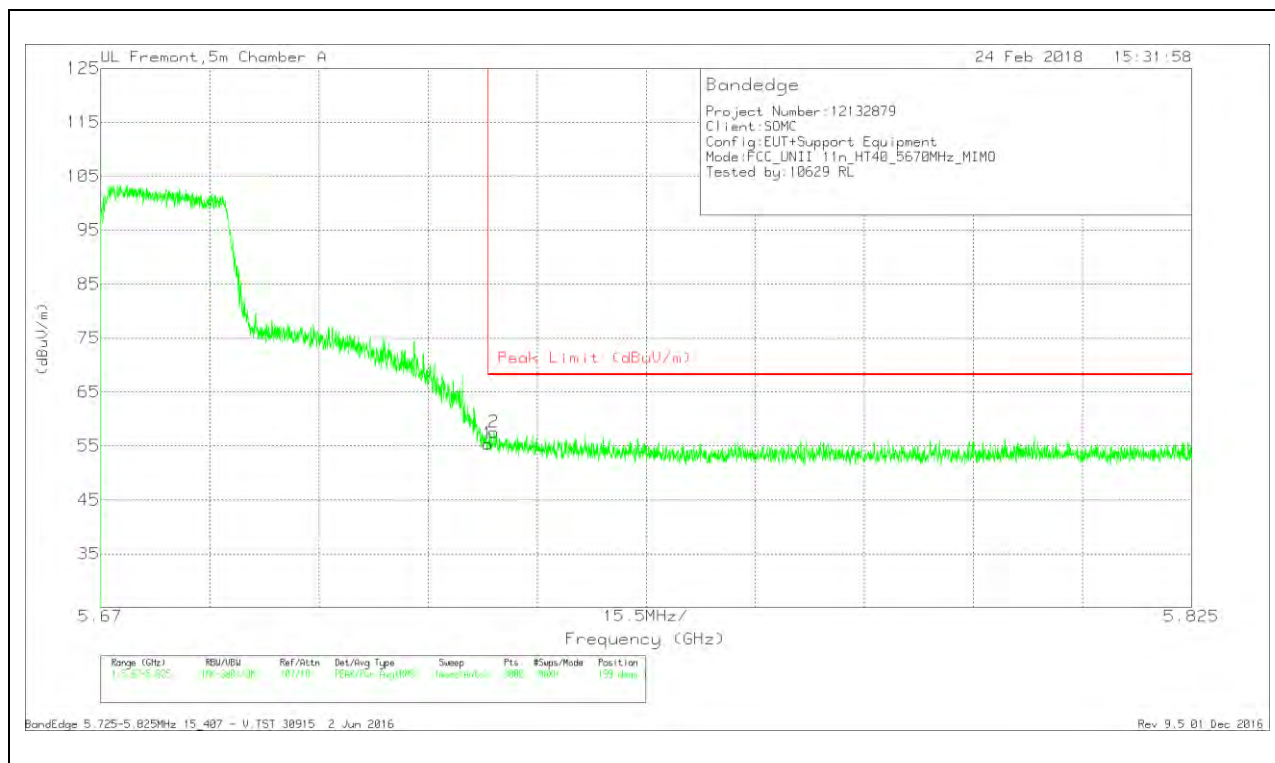


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.31	Pk	35	-18.6	0	55.71	68.2	-12.49	184	118	H
2	5.727	43.2	Pk	35	-18.6	0	59.6	68.2	-8.6	184	118	H

Pk - Peak detector

VERTICAL RESULT



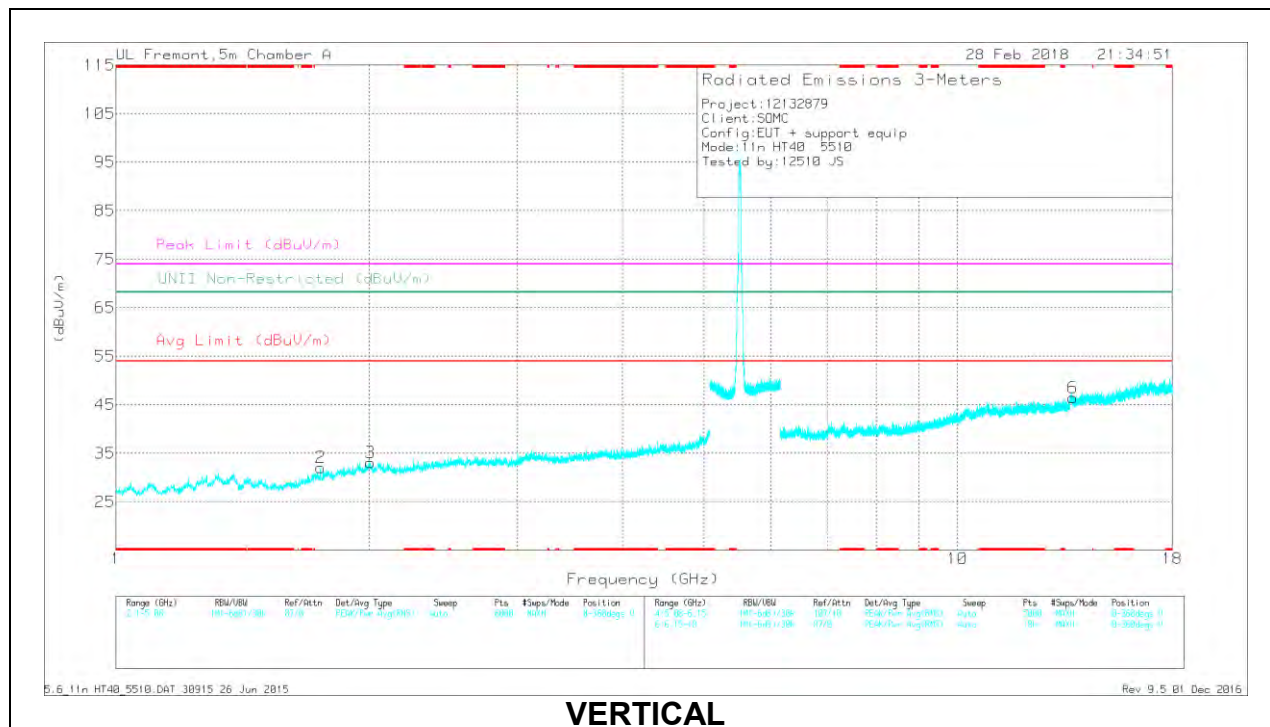
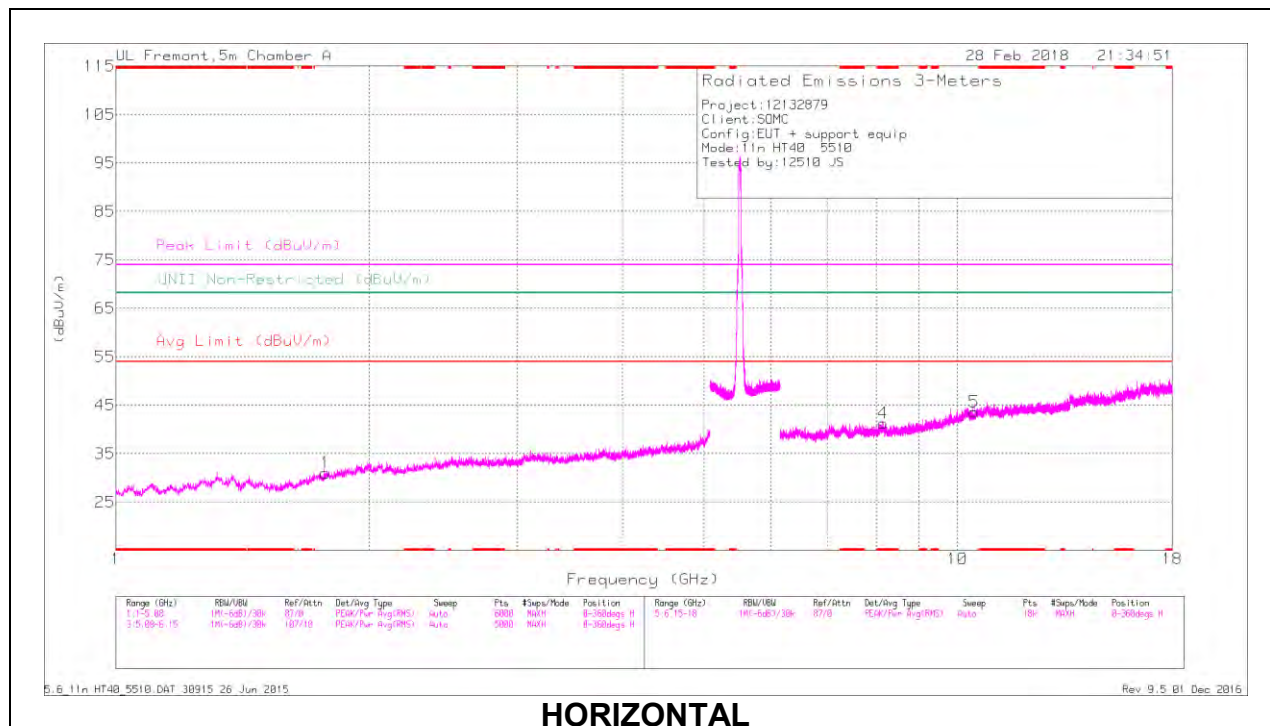
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.98	Pk	35	-18.6	0	55.38	68.2	-12.82	199	116	V
2	5.726	41.15	Pk	35	-18.6	0	57.55	68.2	-10.65	199	116	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

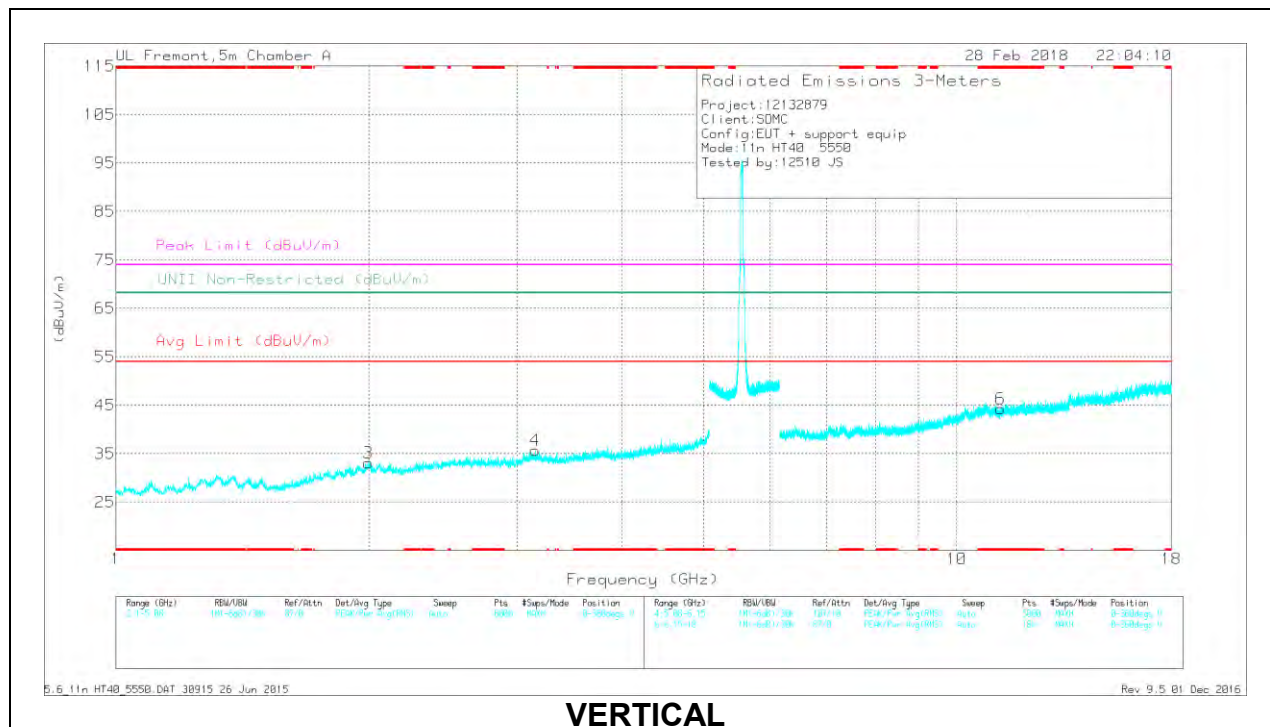
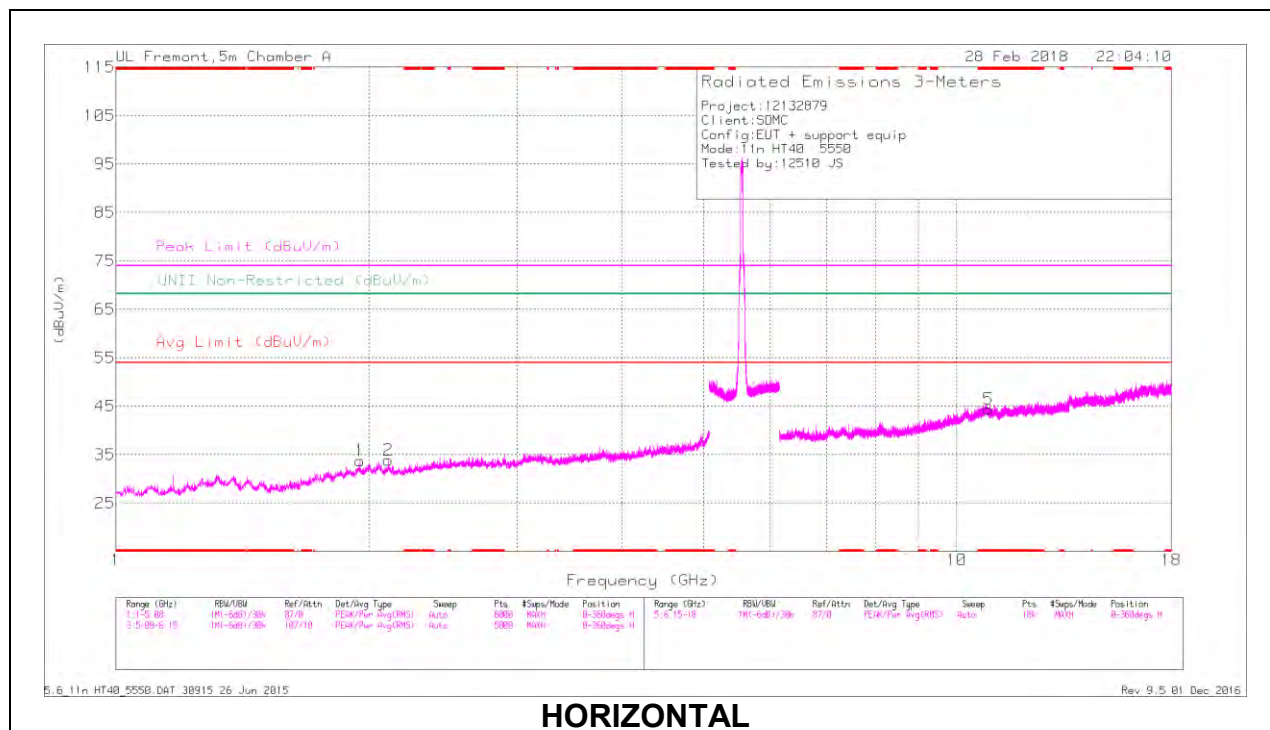
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 8.157	33.74	PK-U	35.8	-21.9	0	47.64	-	-	74	-26.36	-	-	106	176	H
	* 8.155	22.37	ADR	35.8	-22	.26	36.43	54	-17.57	-	-	-	-	106	176	H
2	1.751	38.71	PK-U	29.8	-31.1	0	37.41	-	-	-	-	68.2	-30.79	76	158	V
1	1.775	38.98	PK-U	30	-31.1	0	37.88	-	-	-	-	68.2	-30.32	243	176	H
3	2.005	39.82	PK-U	31.4	-30.7	0	40.52	-	-	-	-	68.2	-27.68	265	103	V
5	10.468	33.01	PK-U	37.6	-20.1	0	50.51	-	-	-	-	68.2	-17.69	309	109	H
6	13.71	32.79	PK-U	39.3	-19.4	0	52.69	-	-	-	-	68.2	-15.51	56	179	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

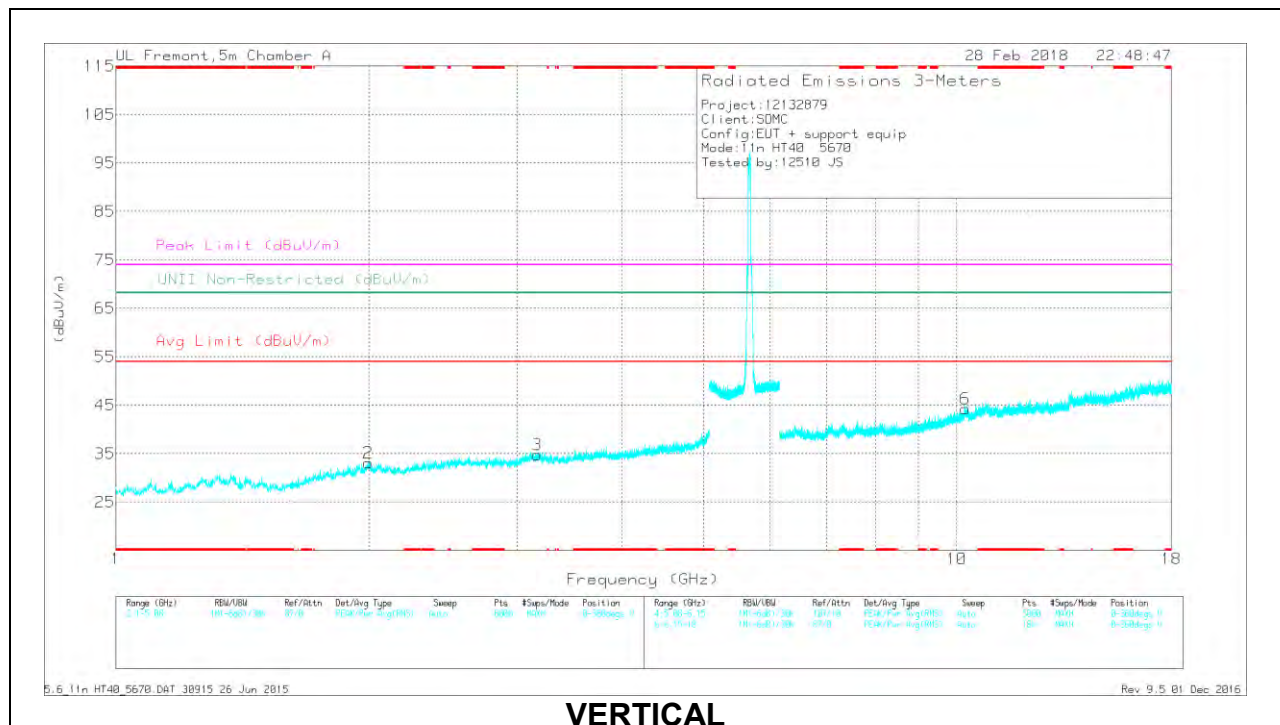
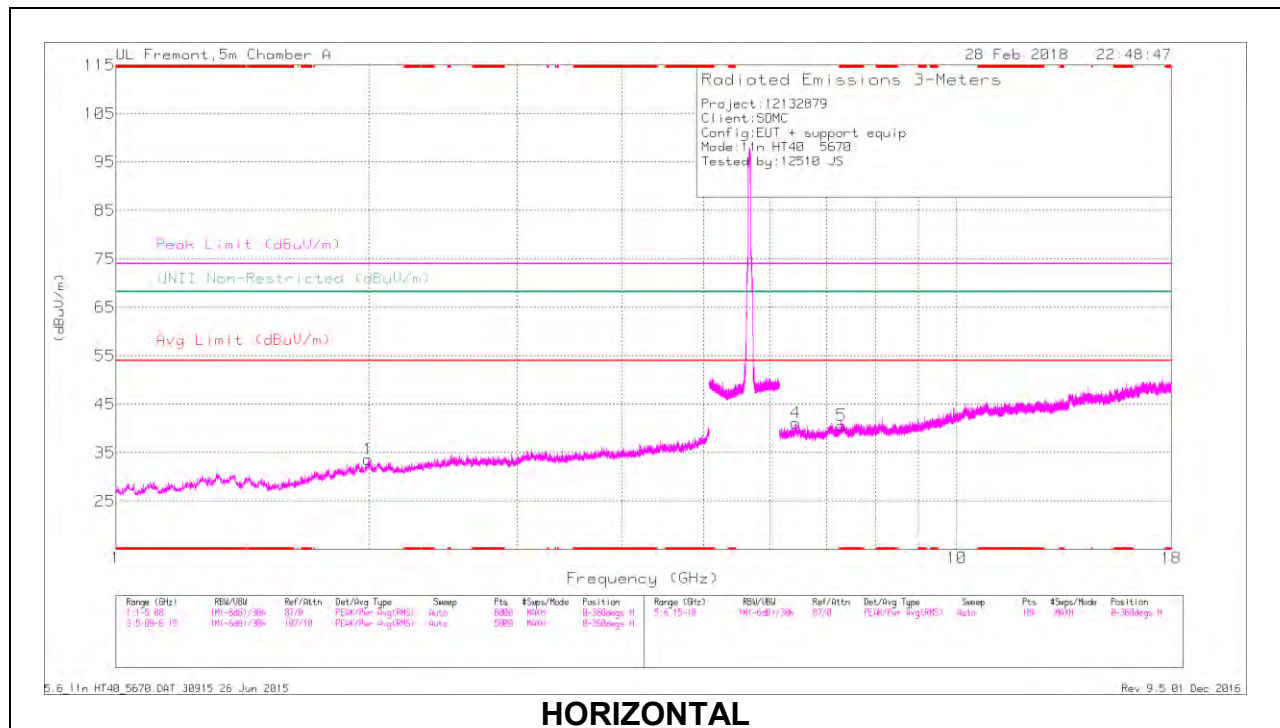
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.908	31.64	PK-U	37.9	-18.9	0	50.64	-	-	74	-23.36	-	-	272	286	H
	* 10.908	20.06	ADR	37.9	-18.9	.26	39.32	54	-14.68	-	-	-	-	272	286	H
6	* 11.274	31.6	PK-U	38	-19.5	0	50.1	-	-	74	-23.9	-	-	56	152	V
	* 11.275	19.94	ADR	38	-19.5	.26	38.7	54	-15.3	-	-	-	-	56	152	V
1	1.952	38.96	PK-U	31.4	-31.3	0	39.06	-	-	-	-	68.2	-29.14	228	149	H
3	1.996	39.33	PK-U	31.4	-30.9	0	39.83	-	-	-	-	68.2	-28.37	315	164	V
2	2.109	39.04	PK-U	31.1	-30.8	0	39.34	-	-	-	-	68.2	-28.86	110	105	H
4	3.152	37.99	PK-U	32.8	-29.2	0	41.59	-	-	-	-	68.2	-26.61	98	182	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

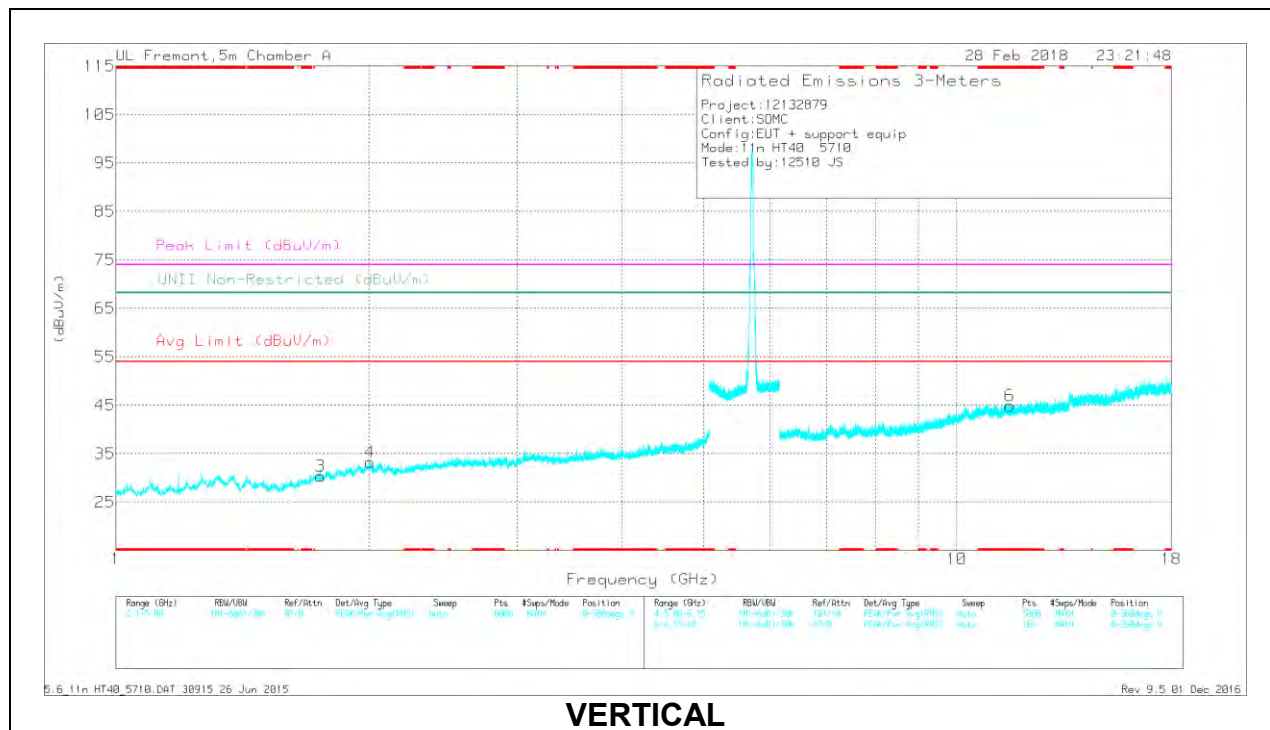
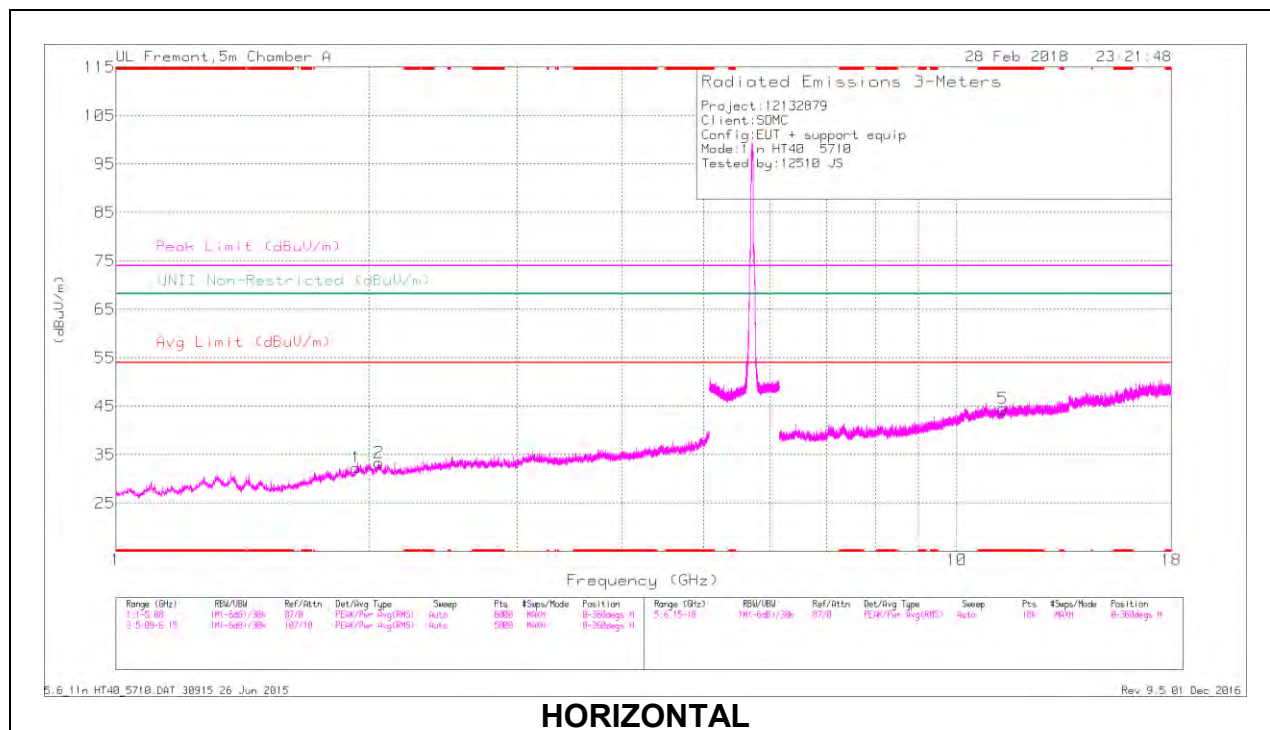
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 7.296	33.77	PK-U	35.7	-22.7	0	46.77	-	-	74	-27.23	-	-	308	169	H
	* 7.293	22.68	ADR	35.7	-22.7	.26	35.94	54	-18.06	-	-	-	-	308	169	H
1	1.997	39.34	PK-U	31.4	-30.9	0	39.84	-	-	-	-	68.2	-28.36	118	165	H
2	1.998	39.11	PK-U	31.4	-30.9	0	39.61	-	-	-	-	68.2	-28.59	256	251	V
3	3.172	37.96	PK-U	32.9	-29.3	0	41.56	-	-	-	-	68.2	-26.64	11	107	V
4	6.437	35.09	PK-U	35.8	-23.6	0	47.29	-	-	-	-	68.2	-20.91	201	241	H
6	10.242	32.35	PK-U	37.5	-19.1	0	50.75	-	-	-	-	68.2	-17.45	87	107	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
5	* 11.349	32.17	PK-U	38.1	-19.6	0	50.67	-	-	74	-23.33	-	-	265	193	H
	* 11.347	20.07	ADR	38.1	-19.6	.26	38.83	54	-15.17	-	-	-	-	265	193	H
6	* 11.569	32.21	PK-U	38.4	-19.9	0	50.71	-	-	74	-23.29	-	-	46	210	V
	* 11.568	20.45	ADR	38.4	-19.9	.26	39.21	54	-14.79	-	-	-	-	46	210	V
3	1.75	39.29	PK-U	29.8	-31.1	0	37.99	-	-	-	-	68.2	-30.21	301	196	V
1	1.934	39.2	PK-U	31.3	-31.5	0	39	-	-	-	-	68.2	-29.2	214	186	H
4	2.005	39.75	PK-U	31.4	-30.7	0	40.45	-	-	-	-	68.2	-27.75	165	101	V
2	2.054	38.6	PK-U	31.4	-30.6	0	39.4	-	-	-	-	68.2	-28.8	64	345	H

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

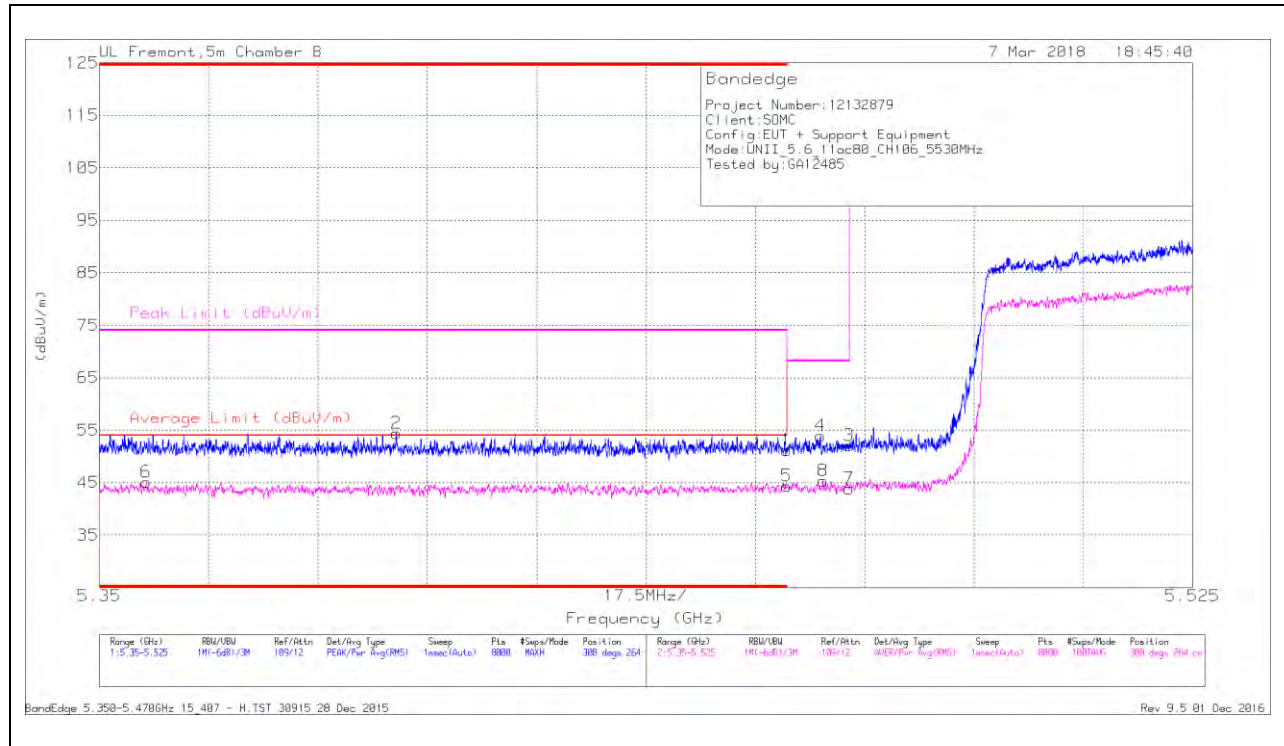
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.12. TX ABOVE 1 GHz 802.11ac VHT80 2TX CDD MODE IN THE 5.6 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

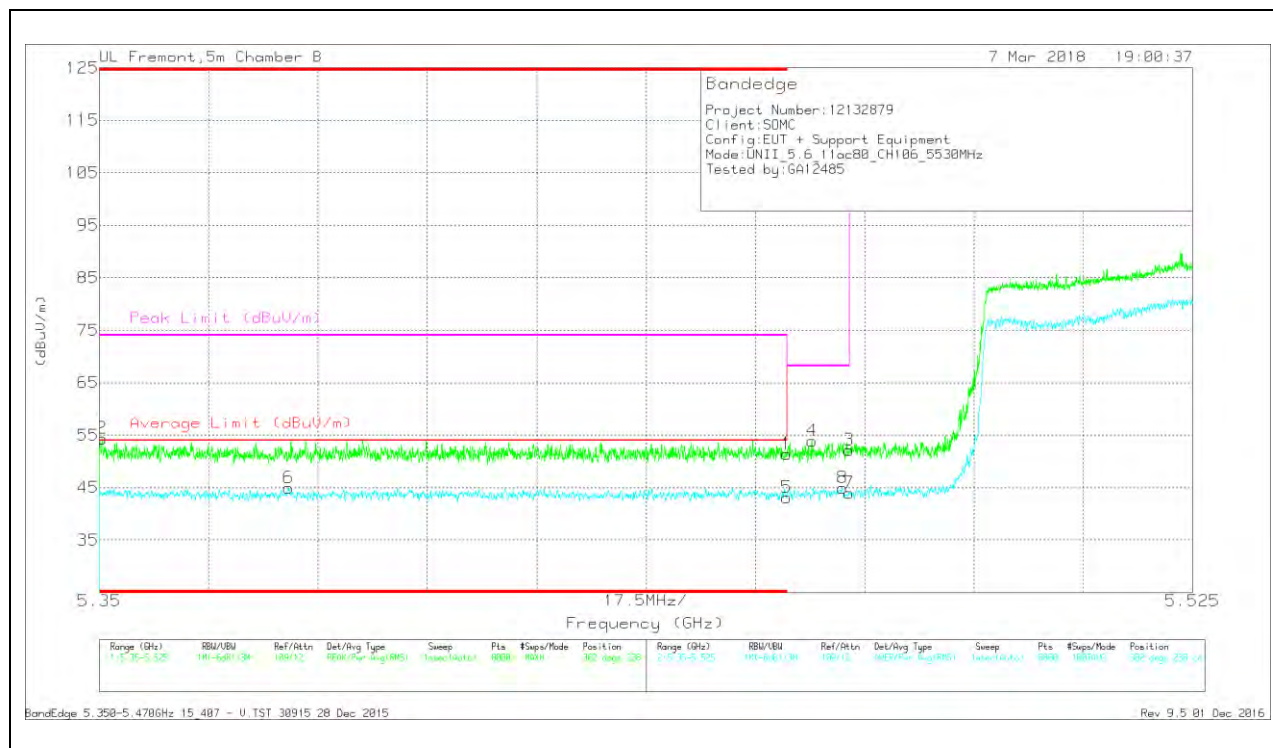
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.357	28.69	RMS	34.9	-19.1	.52	45.01	54	-8.99	-	-	308	264	H
2	* 5.398	38.72	Pk	35	-19.3	0	54.42	-	-	74	-19.58	308	264	H
1	* 5.46	35.61	Pk	35.2	-19.7	0	51.11	-	-	74	-22.89	308	264	H
5	* 5.46	28.34	RMS	35.2	-19.7	.52	44.36	54	-9.64	-	-	308	264	H
4	5.465	38.4	Pk	35.2	-19.7	0	53.9	-	-	68.2	-14.3	308	264	H
8	5.466	29.26	RMS	35.2	-19.7	.52	45.28	-	-	-	-	308	264	H
3	5.47	36.55	Pk	35.2	-19.7	0	52.05	-	-	68.2	-16.15	308	264	H
7	5.47	27.81	RMS	35.2	-19.7	.52	43.83	-	-	-	-	308	264	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 5.35	38.63	Pk	34.9	-19.2	0	54.33	-	-	74	-19.67	302	238	V
6	* 5.38	28.59	RMS	35	-19.2	.52	44.91	54	-9.09	-	-	302	238	V
1	* 5.46	35.91	Pk	35.2	-19.7	0	51.41	-	-	74	-22.59	302	238	V
5	* 5.46	27.07	RMS	35.2	-19.7	.52	43.09	54	-10.91	-	-	302	238	V
4	5.464	38.38	Pk	35.2	-19.7	0	53.88	-	-	68.2	-14.32	302	238	V
8	5.469	29.04	RMS	35.2	-19.8	.52	44.96	-	-	-	-	302	238	V
3	5.47	36.68	Pk	35.2	-19.7	0	52.18	-	-	68.2	-16.02	302	238	V
7	5.47	27.89	RMS	35.2	-19.7	.52	43.91	-	-	-	-	302	238	V

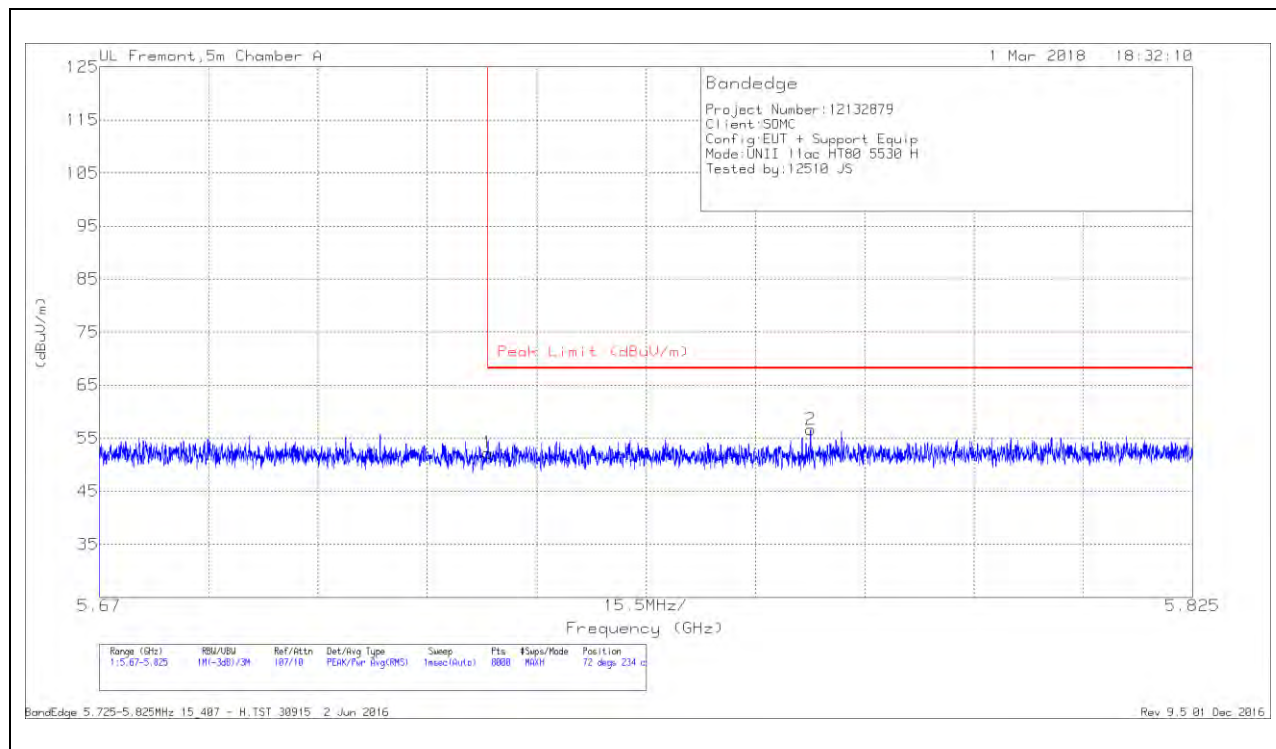
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

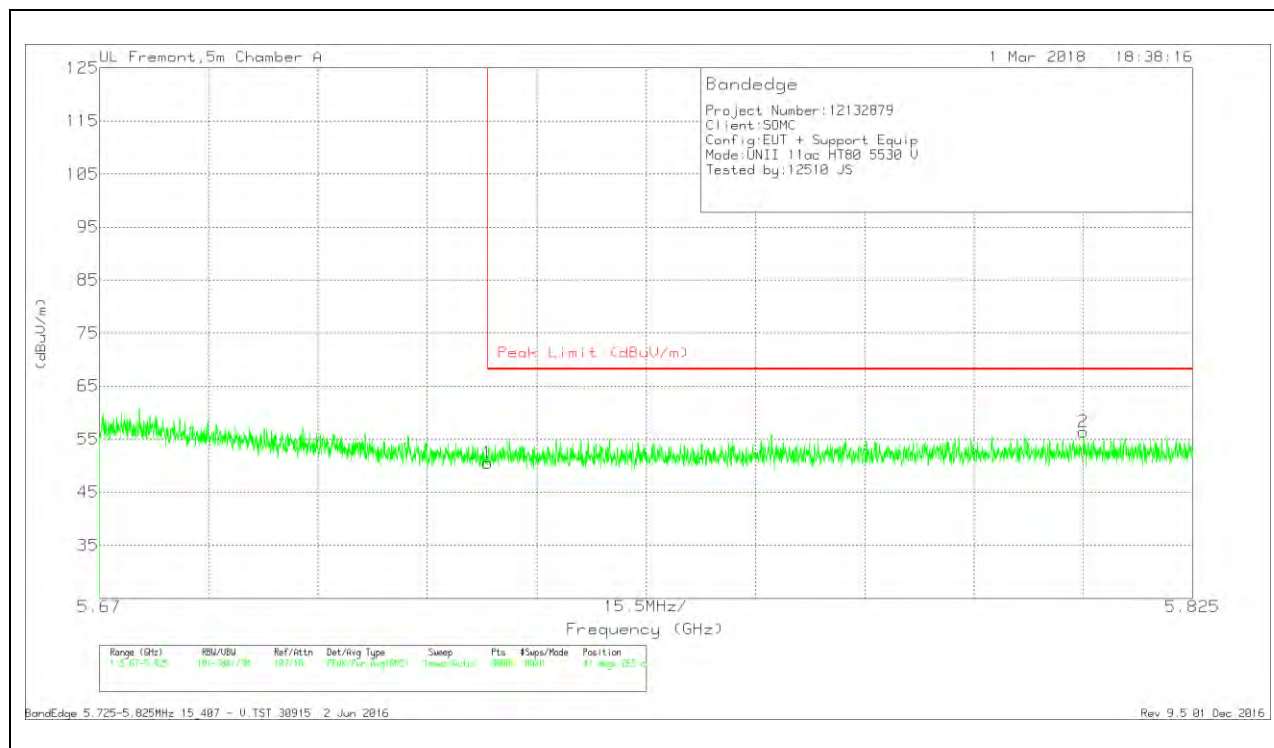


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	35.82	Pk	35	-18.6	0	52.22	68.2	-15.98	72	234	H
2	5.771	40.06	Pk	35	-18.4	0	56.66	68.2	-11.54	72	234	H

Pk - Peak detector

VERTICAL RESULT



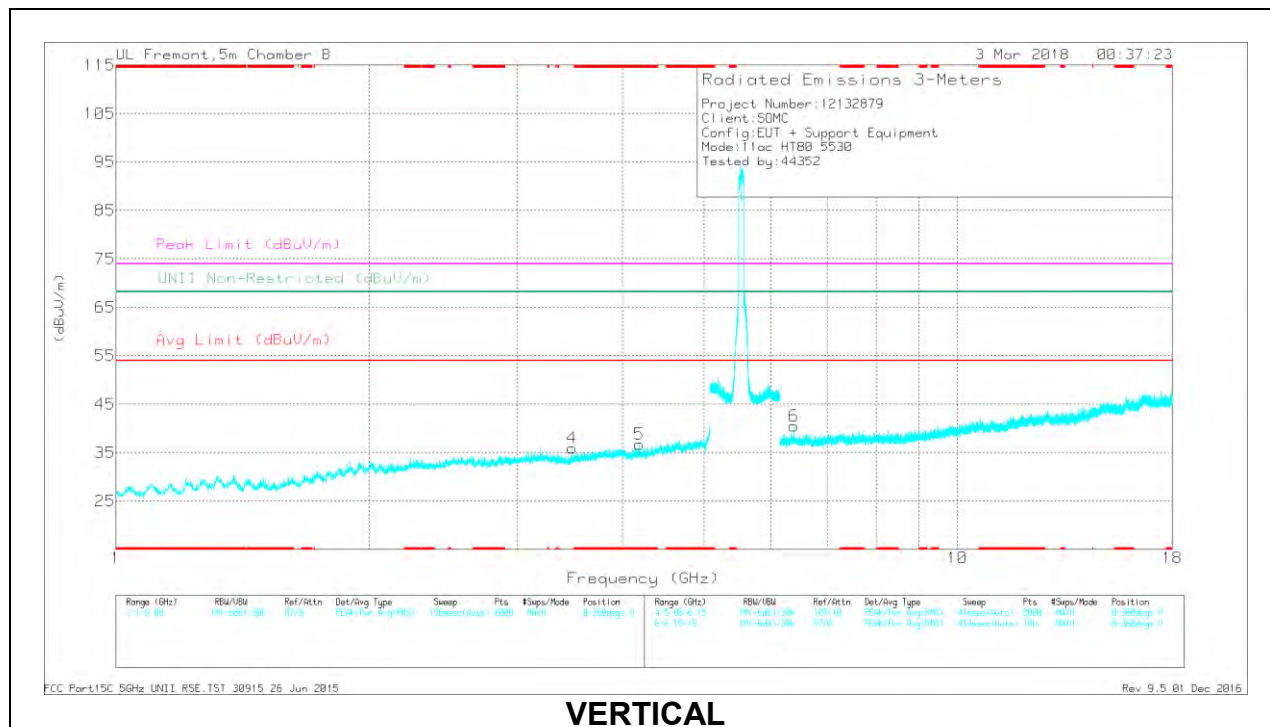
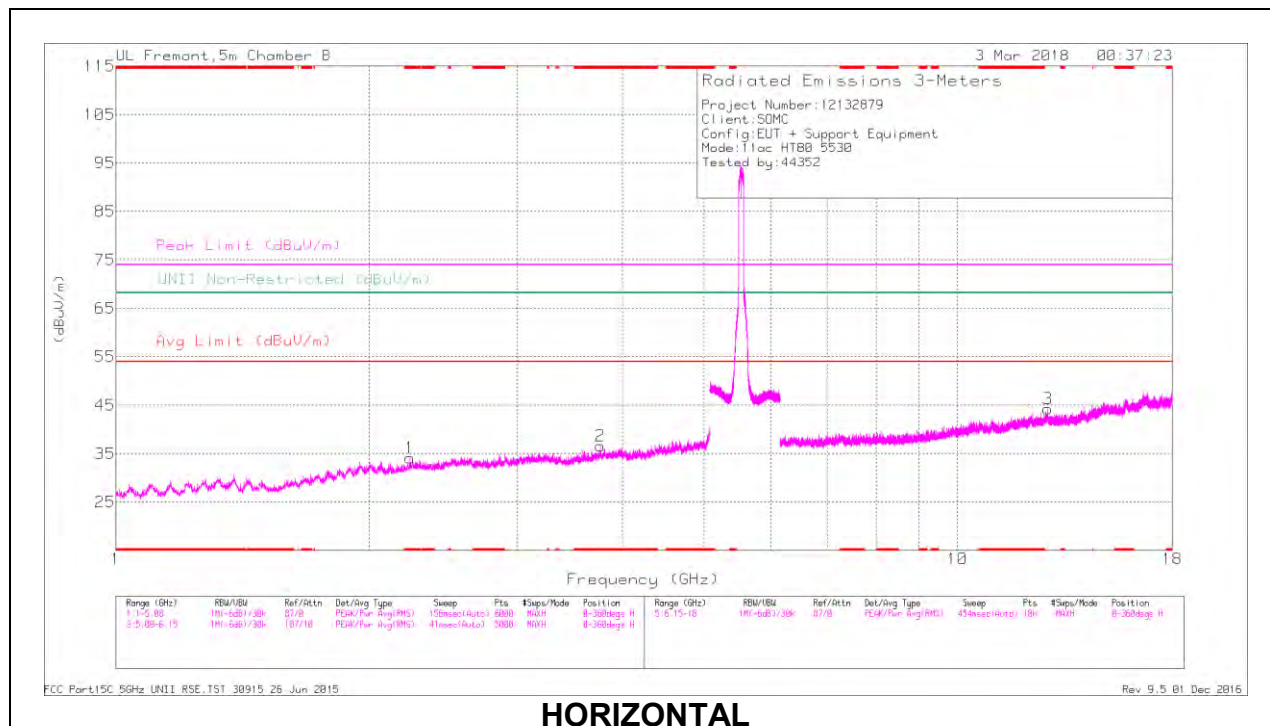
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.14	Pk	35	-18.6	0	50.54	68.2	-17.66	41	265	V
2	5.809	39.62	Pk	35.1	-18.3	0	56.42	68.2	-11.78	41	265	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

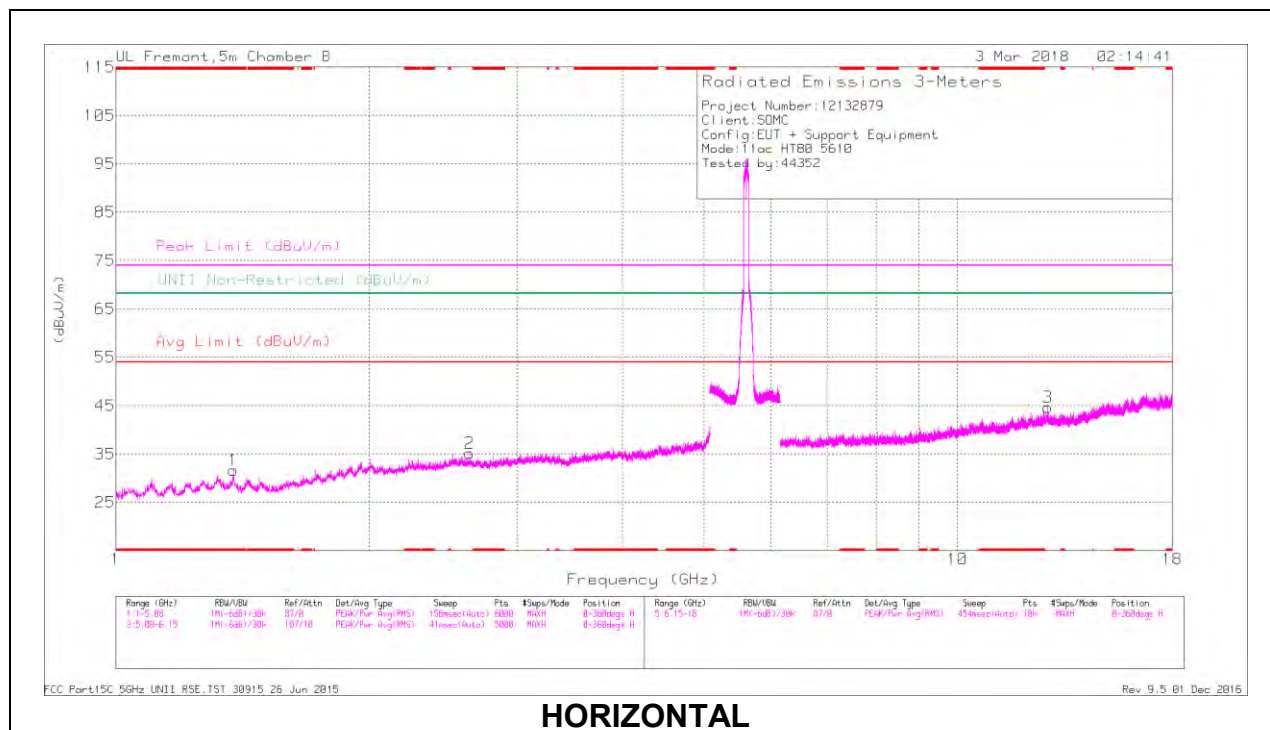
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.232	40.94	PK-U	31.8	-32.6	0	40.14	-	-	74	-33.86	-	-	325	277	H
	* 2.232	28.63	ADR	31.8	-32.5	.52	28.45	54	-25.55	-	-	-	-	325	277	H
2	* 3.762	40.69	PK-U	33.4	-31.3	0	42.79	-	-	74	-31.21	-	-	190	204	H
	* 3.763	28.33	ADR	33.4	-31.3	.52	30.95	54	-23.05	-	-	-	-	190	204	H
5	* 4.184	39.81	PK-U	33.4	-30.5	0	42.71	-	-	74	-31.29	-	-	70	300	V
	* 4.185	27.69	ADR	33.4	-30.6	.52	31.01	54	-22.99	-	-	-	-	70	300	V
4	3.485	39.86	PK-U	32.7	-31.9	0	40.66	-	-	-	-	68.2	-27.54	255	381	V
6	6.388	38.04	PK-U	35.7	-28.6	0	45.14	-	-	-	-	68.2	-23.06	168	370	V
3	12.795	33.66	PK-U	39.4	-23.6	0	49.46	-	-	-	-	68.2	-18.74	168	269	H

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

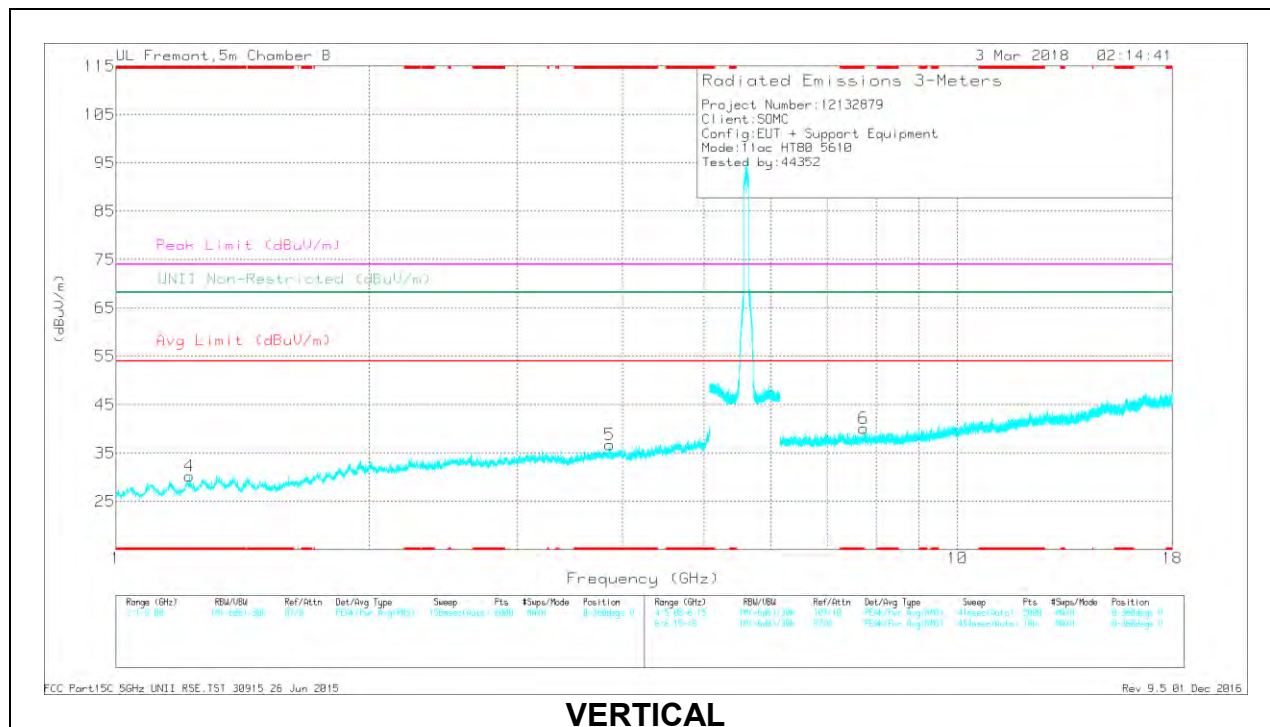
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

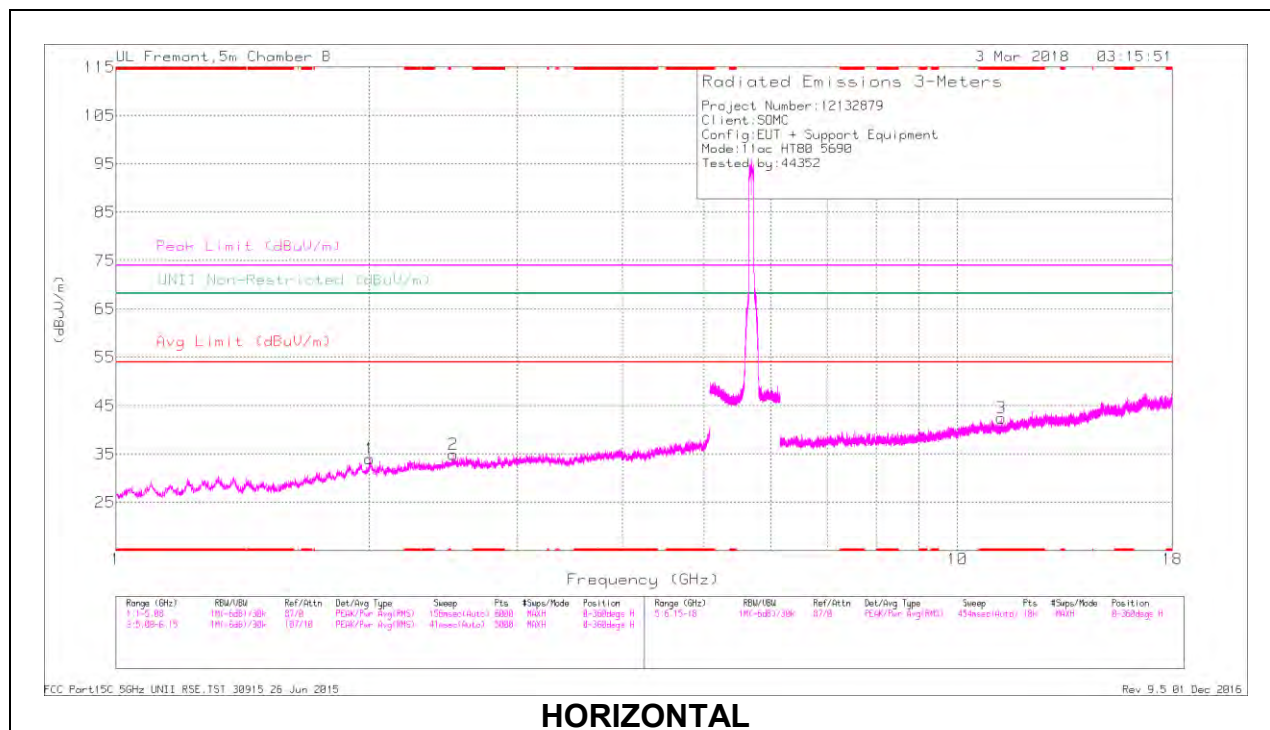
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.377	42.57	PK-U	28.5	-33.7	0	37.37	-	-	74	-36.63	-	-	228	388	H
	* 1.38	30.08	ADR	28.5	-33.7	.52	25.4	54	-28.6	-	-	-	-	228	388	H
4	* 1.221	42.5	PK-U	28.3	-34.6	0	36.2	-	-	74	-37.8	-	-	162	219	V
	* 1.222	30.22	ADR	28.3	-34.6	.52	24.44	54	-29.56	-	-	-	-	162	219	V
5	* 3.859	40.68	PK-U	33.5	-31.6	0	42.58	-	-	74	-31.42	-	-	189	290	V
	* 3.859	28.82	ADR	33.5	-31.6	.52	31.24	54	-22.76	-	-	-	-	189	290	V
6	* 7.736	36.45	PK-U	36	-27.5	0	44.95	-	-	74	-29.05	-	-	47	322	V
	* 7.735	25.27	ADR	36	-27.6	.52	34.19	54	-19.81	-	-	-	-	47	322	V
2	2.631	41.01	PK-U	32.5	-32.2	0	41.31	-	-	-	-	68.2	-26.89	351	273	H
3	12.792	33.78	PK-U	39.4	-23.6	0	49.58	-	-	-	-	68.2	-18.62	187	148	H

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

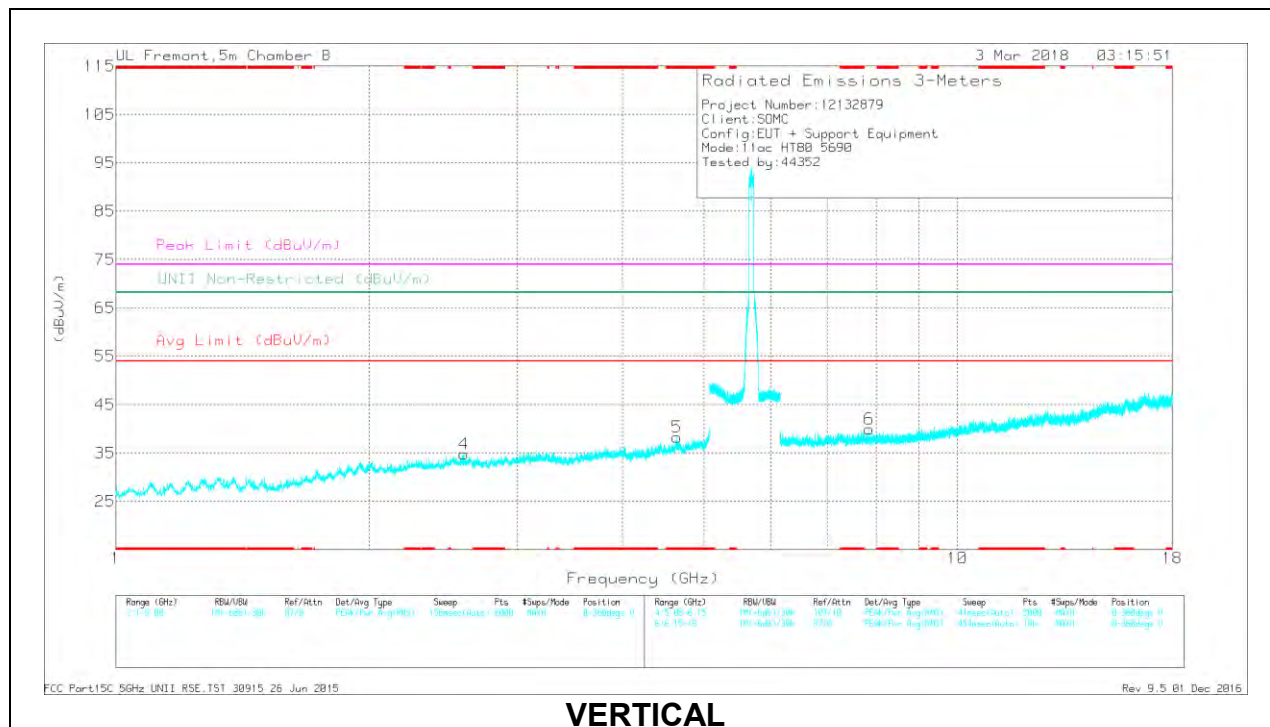
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
5	* 4.646	38.43	PK-U	34.3	-29.5	0	43.23	-	-	74	-30.77	-	-	60	253	V
	* 4.646	26.93	ADR	34.3	-29.5	.52	32.25	54	-21.75	-	-	-	-	60	253	V
3	* 11.278	34.39	PK-U	37.8	-24.2	0	47.99	-	-	74	-26.01	-	-	281	302	H
	* 11.28	22.16	ADR	37.8	-24.2	.52	36.28	54	-17.72	-	-	-	-	281	302	H
1	2.003	40.47	PK-U	31.3	-32.4	0	39.37	-	-	-	-	68.2	-28.83	52	304	H
2	2.516	40.34	PK-U	32.6	-32.3	0	40.64	-	-	-	-	68.2	-27.56	358	291	H
4	2.592	40.55	PK-U	32.6	-32.5	0	40.65	-	-	-	-	68.2	-27.55	14	250	V
6	7.854	38.25	PK-U	36	-27.6	0	46.65	-	-	-	-	68.2	-21.55	350	215	V

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

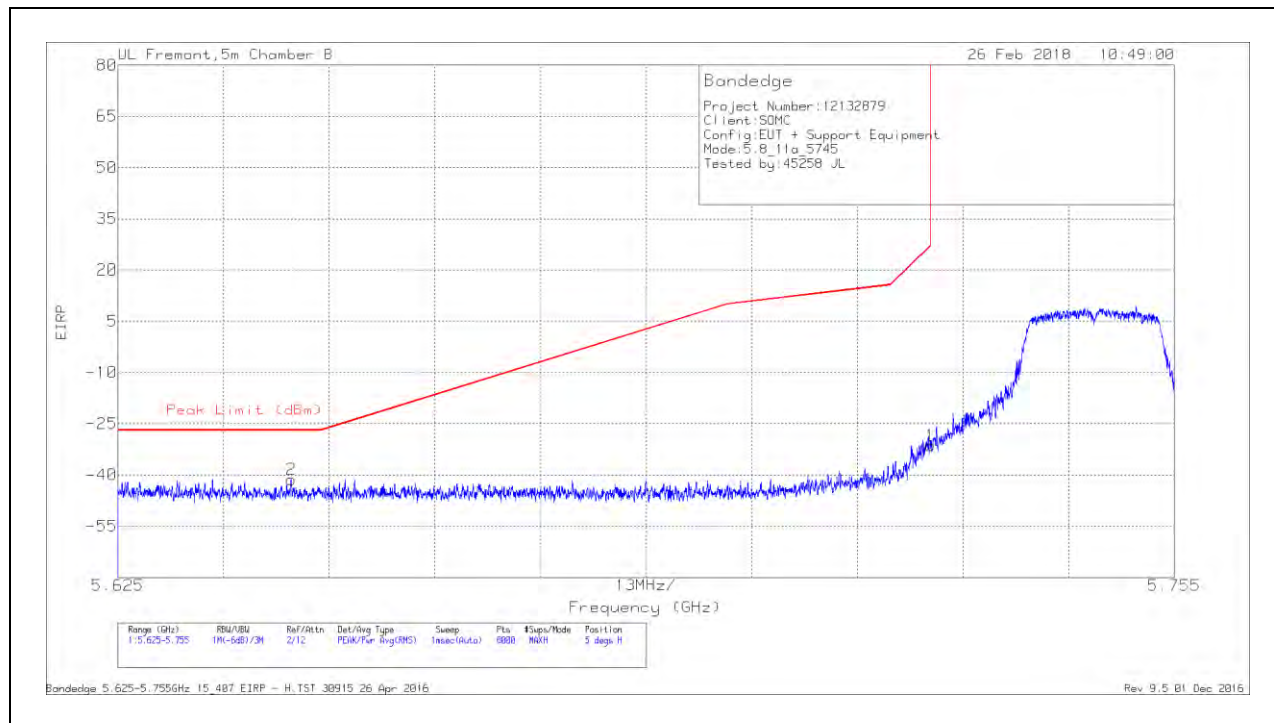
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.13. TX ABOVE 1 GHz 802.11a 2TX CDD MODE IN THE 5.8 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

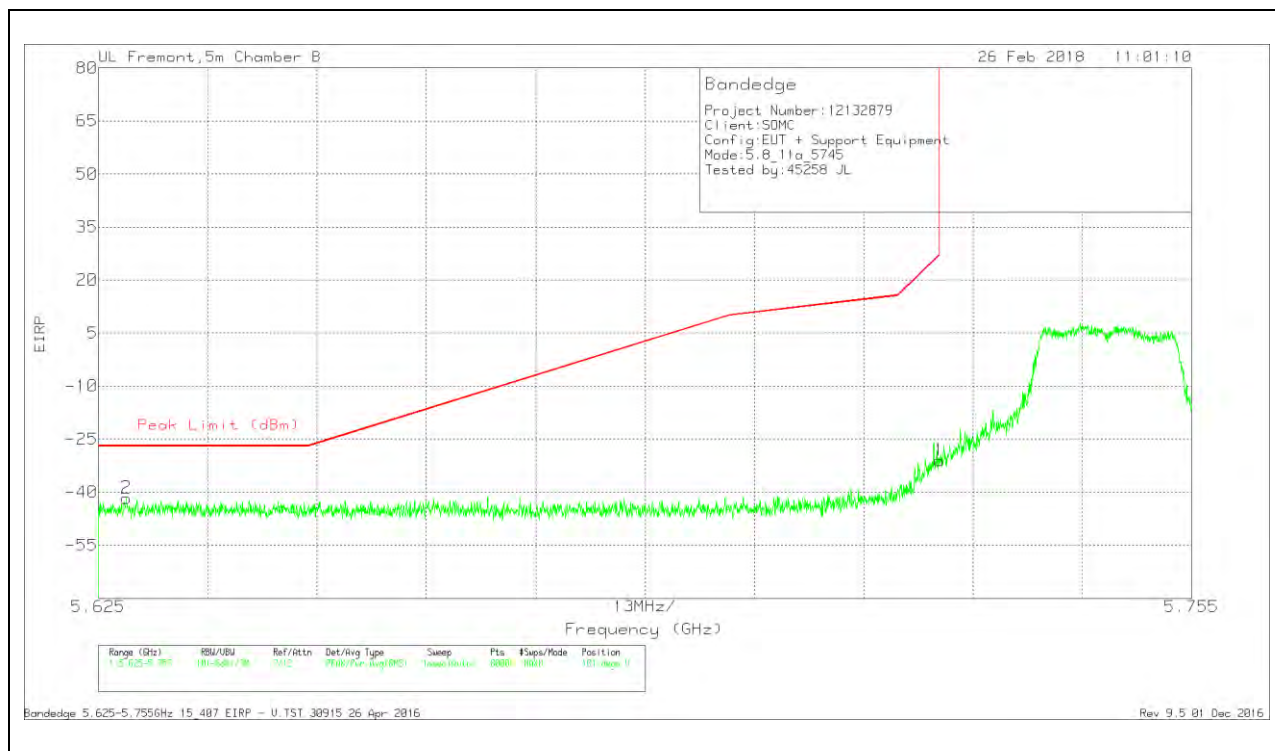


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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
2	5.646	-68.36	Pk	35.3	-20.1	11.8	0	-41.36	-27	-14.36	5	157	H
1	5.725	-57.98	Pk	35	-20.2	11.8	0	-31.38	27	-58.38	5	157	H

Pk - Peak detector

VERTICAL RESULT



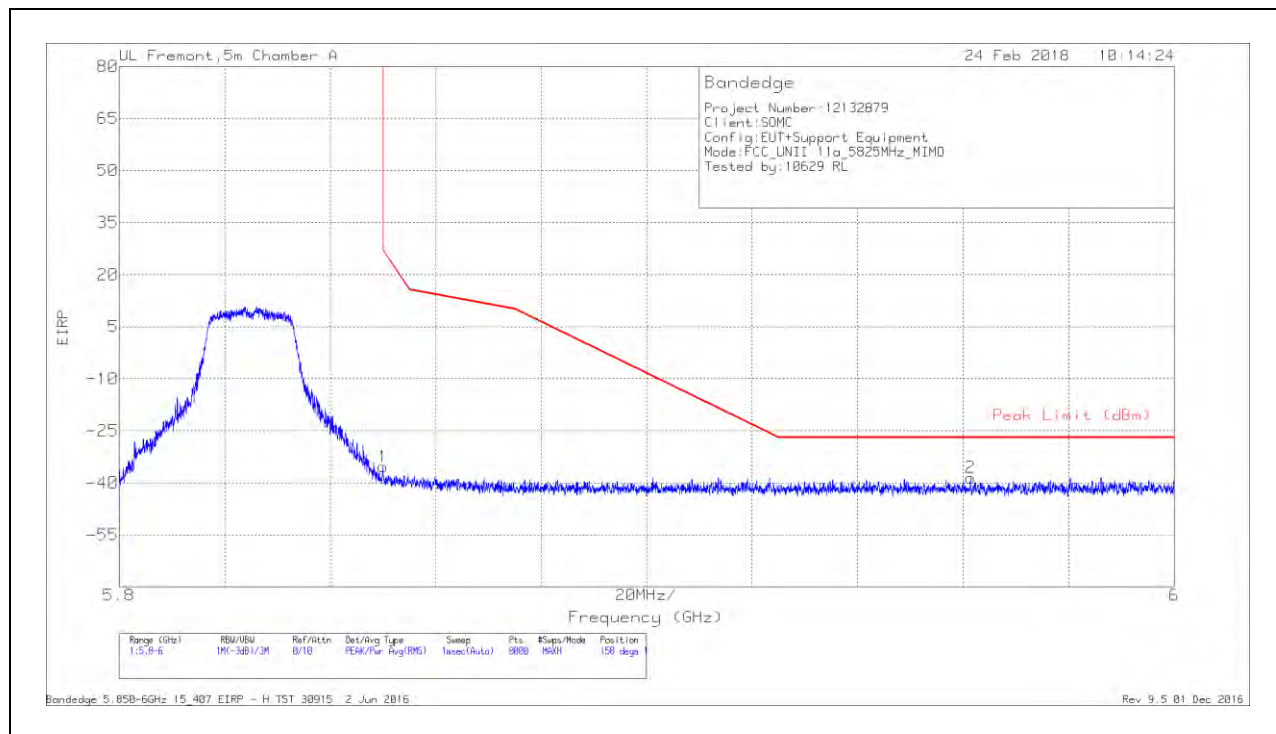
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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	5.628	-68.73	Pk	35.3	-20	11.8	0	-41.63	-27	-14.63	101	158	V
1	5.725	-57.57	Pk	35	-20.2	11.8	0	-30.97	27	-57.97	101	158	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

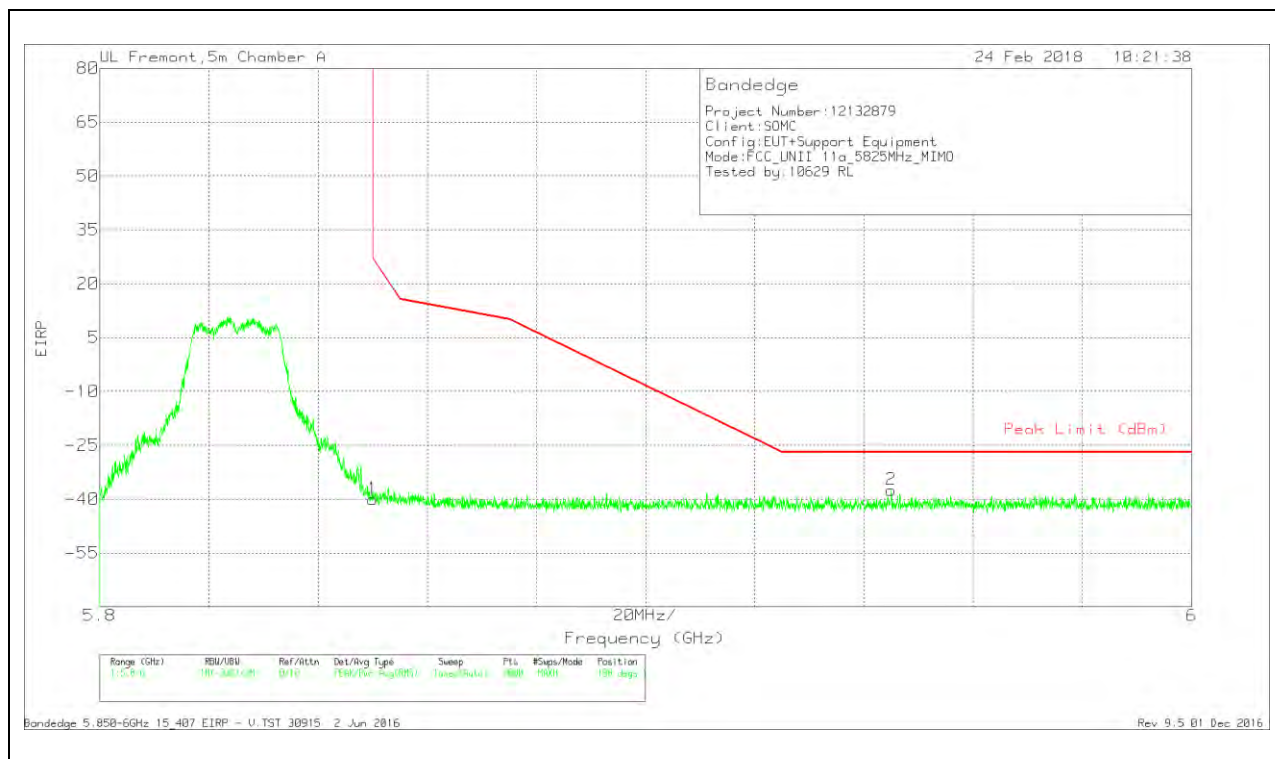


Trace Markers

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	-63.74	Pk	35.1	-18.5	11.8	0	-35.34	26.99	-62.33	158	155	H
2	5.961	-67.3	Pk	35.3	-18.3	11.8	0	-38.5	-27	-11.5	158	155	H

Pk - Peak detector

VERTICAL RESULT



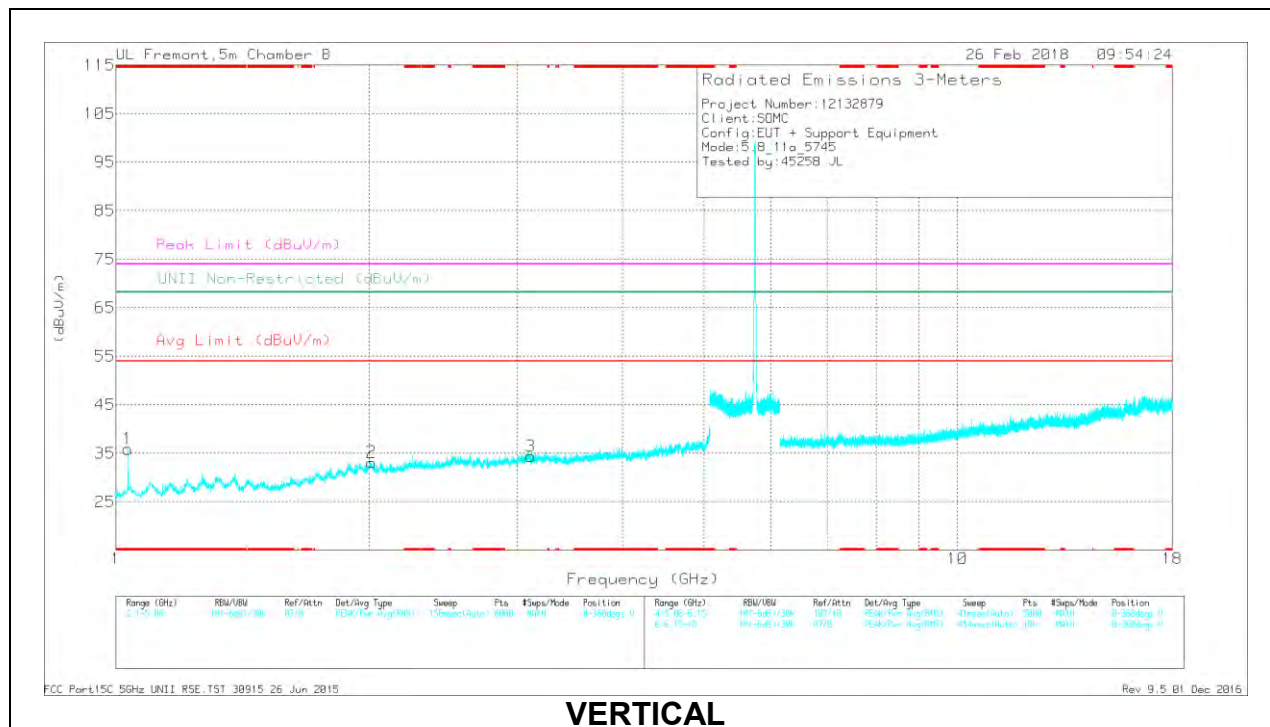
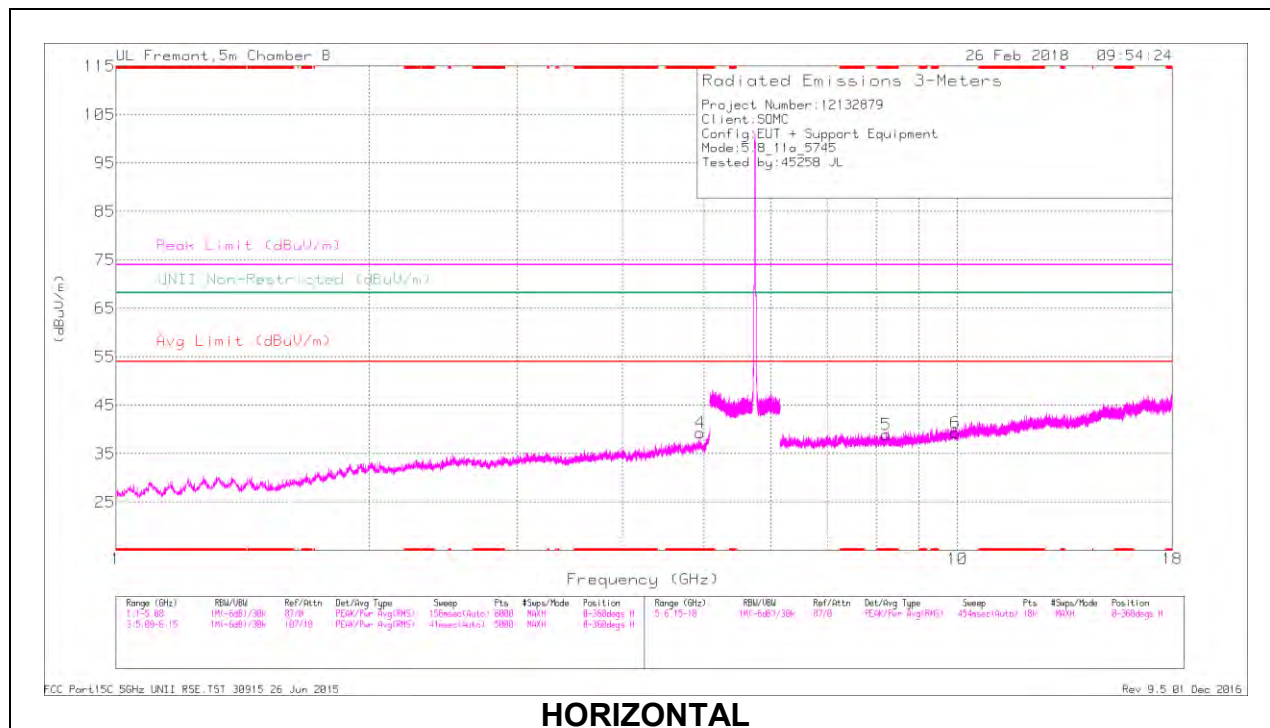
Trace Markers

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	-68.37	Pk	35.1	-18.5	11.8	0	-39.97	26.99	-66.96	198	107	V
2	5.945	-66.31	Pk	35.3	-18.2	11.8	0	-37.41	-27	-10.41	198	107	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

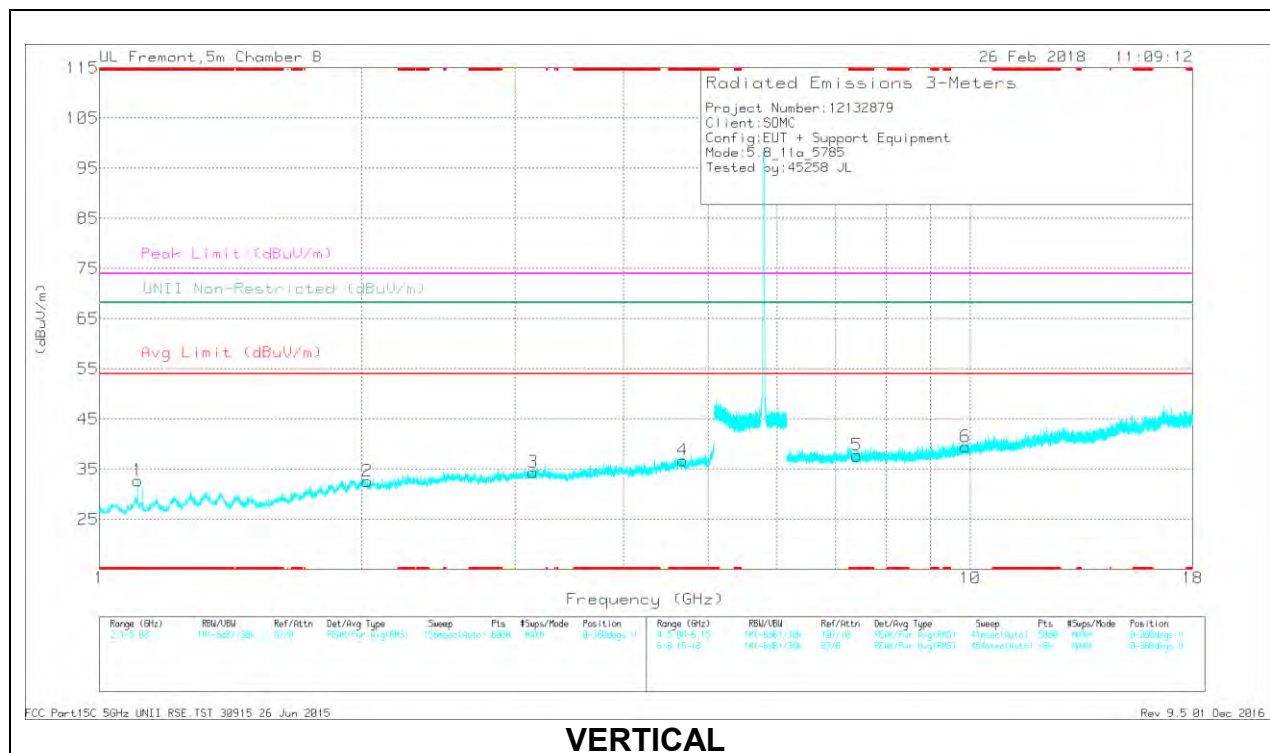
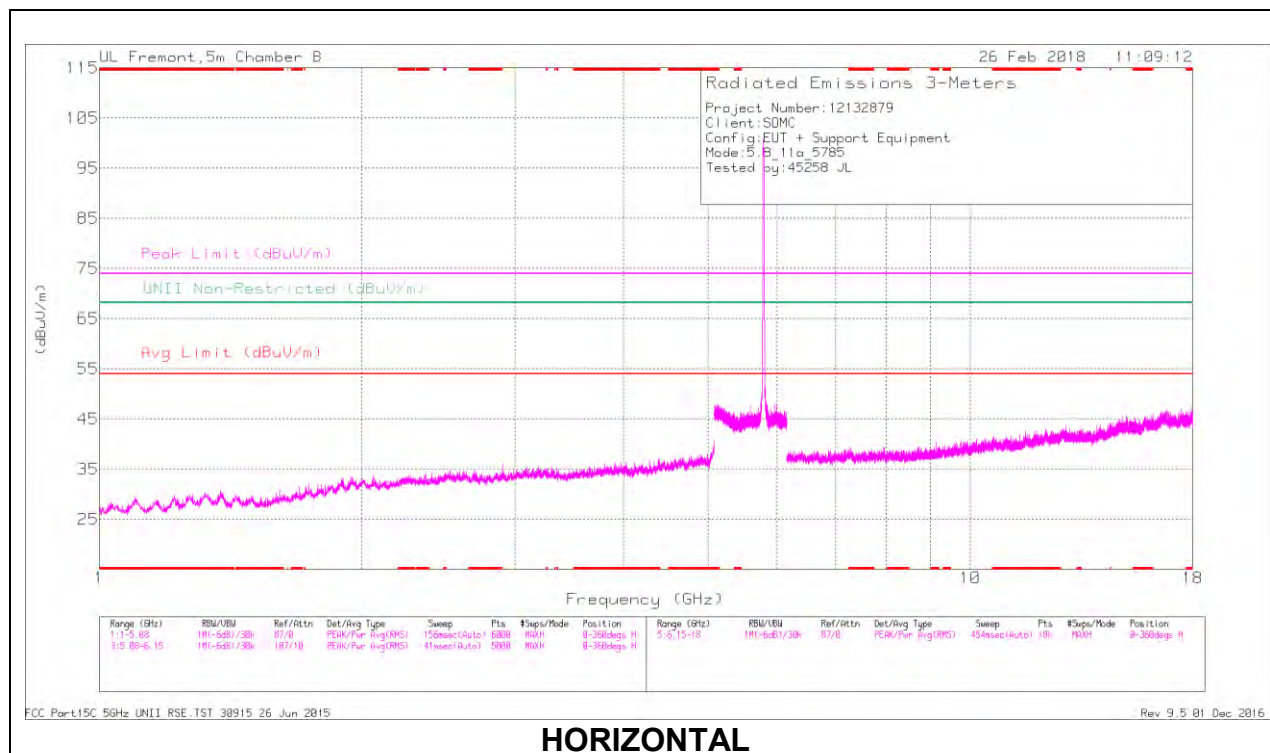
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.947	39.59	PK-U	34.4	-30.1	0	43.89	-	-	74	-30.11	-	-	308	165	H
	* 4.945	28.16	ADR	34.4	-30.1	0	32.46	54	-21.54	-	-	-	-	308	165	H
1	* 1.033	42.45	PK-U	27.2	-34.8	0	34.85	-	-	74	-39.15	-	-	316	389	V
	* 1.035	30.52	ADR	27.1	-34.8	0	22.82	54	-31.18	-	-	-	-	316	389	V
5	* 8.225	35.89	PK-U	36.1	-27.6	0	44.39	-	-	74	-29.61	-	-	279	347	H
	* 8.228	24.63	ADR	36.1	-27.7	0	33.03	54	-20.97	-	-	-	-	279	347	H
2	2.012	41.41	PK-U	31.3	-32.6	0	40.11	-	-	-	-	68.2	-28.09	236	289	V
3	3.112	40.37	PK-U	33.2	-32.3	0	41.27	-	-	-	-	68.2	-26.93	219	269	V
6	9.942	34.4	PK-U	37.1	-25.6	0	45.9	-	-	-	-	68.2	-22.3	193	291	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

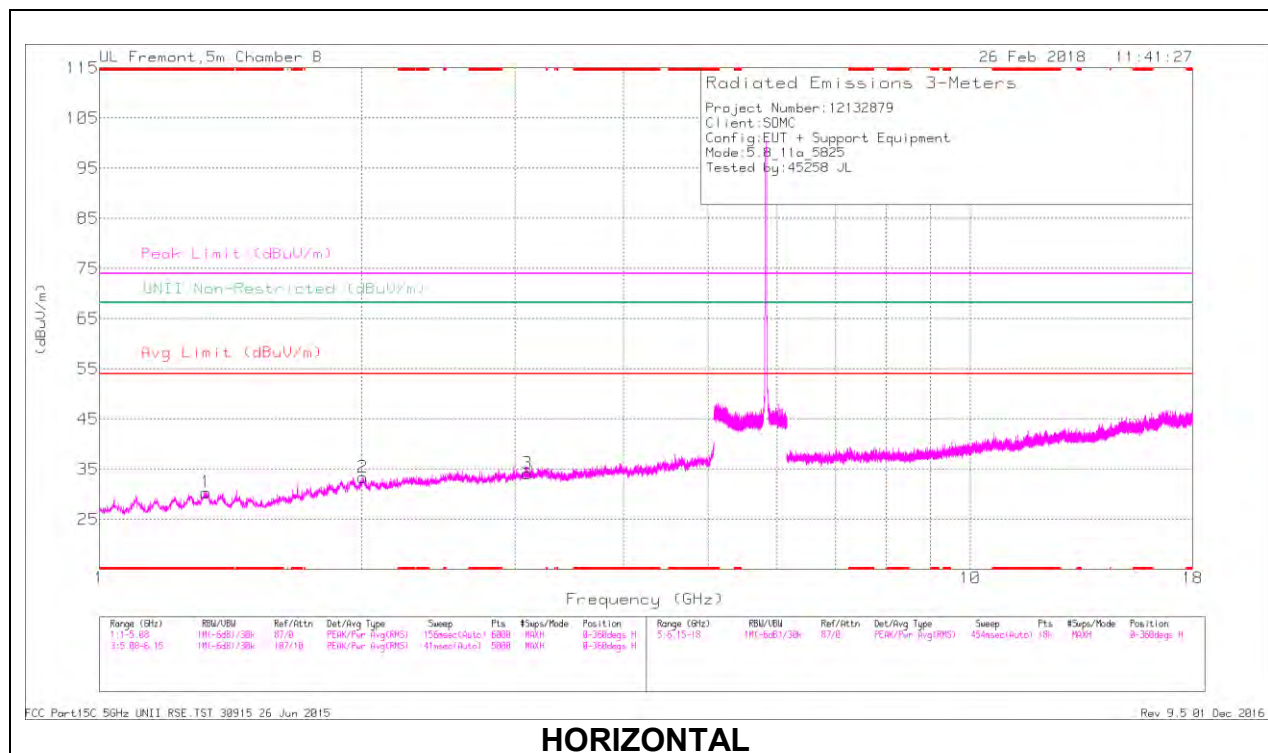
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.108	42.21	PK-U	27.6	-34.4	0	35.41	-	-	74	-38.59	-	-	86	183	V
	* 1.106	30.75	ADR	27.6	-34.3	0	24.05	54	-29.95	-	-	-	-	86	183	V
4	* 4.672	39.36	PK-U	34.3	-29.8	0	43.86	-	-	74	-30.14	-	-	152	233	V
	* 4.672	27.77	ADR	34.3	-29.8	0	32.27	54	-21.73	-	-	-	-	152	233	V
5	* 7.41	38.33	PK-U	35.9	-29	0	45.23	-	-	74	-28.77	-	-	190	293	V
	* 7.409	26.63	ADR	35.9	-29	0	33.53	54	-20.47	-	-	-	-	190	293	V
2	2.028	41.01	PK-U	31.4	-32.8	0	39.61	-	-	-	-	68.2	-28.59	247	267	V
3	3.146	40.67	PK-U	33	-31.9	0	41.77	-	-	-	-	68.2	-26.43	197	283	V
6	9.878	34.41	PK-U	37	-25.1	0	46.31	-	-	-	-	68.2	-21.89	220	321	V

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

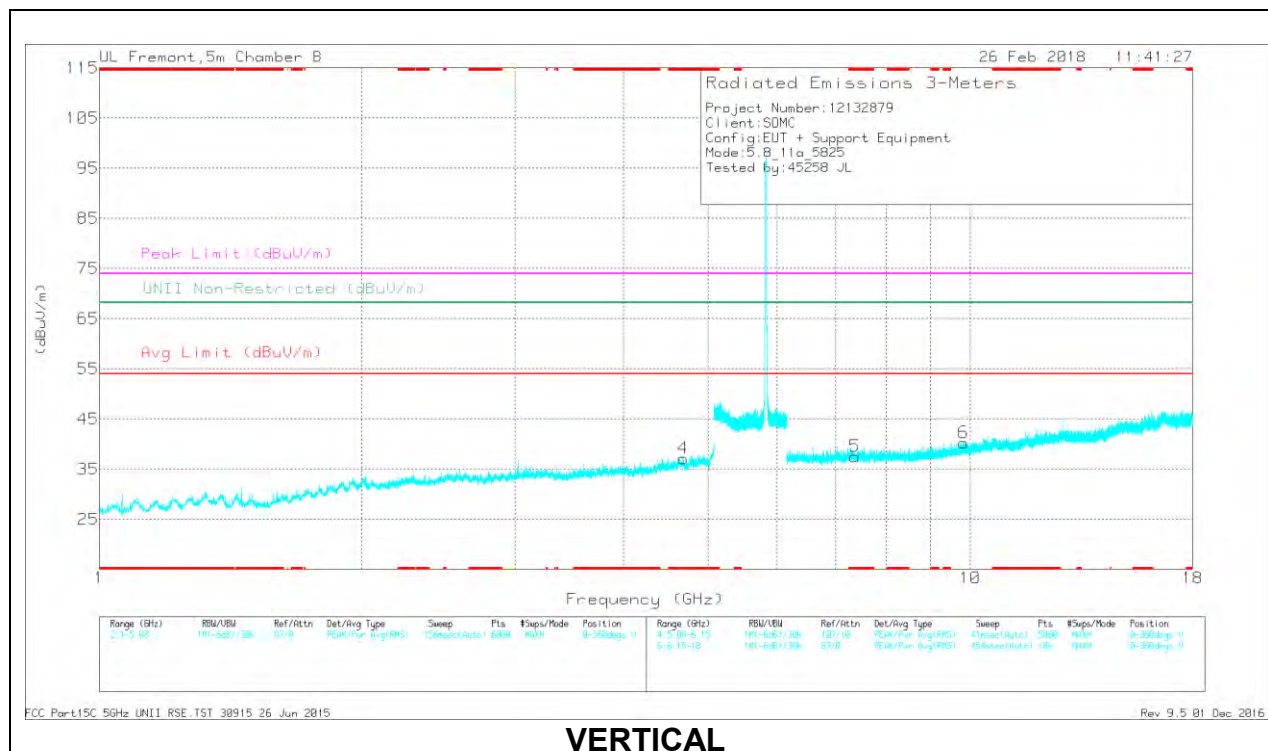
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	* 1.325	42.15	PK-U	28.9	-34.1	0	36.95	-	-	74	-37.05	-	-	333	157	H
	* 1.324	30.71	ADR	28.9	-34.1	0	25.51	54	-28.49	-	-	-	-	333	157	H
4	* 4.685	39.11	PK-U	34.2	-30	0	43.31	-	-	74	-30.69	-	-	0	226	V
	* 4.686	27.92	ADR	34.2	-30	0	32.12	54	-21.88	-	-	-	-	0	226	V
5	* 7.373	37.48	PK-U	35.9	-28.9	0	44.48	-	-	74	-29.52	-	-	52	278	V
	* 7.377	26.05	ADR	35.9	-29	0	32.95	54	-21.05	-	-	-	-	52	278	V
2	2.007	41.57	PK-U	31.3	-32.5	0	40.37	-	-	-	-	68.2	-27.83	89	306	H
3	3.096	40.81	PK-U	33.2	-32.3	0	41.71	-	-	-	-	68.2	-26.49	145	338	H
6	9.819	34.28	PK-U	36.9	-24.9	0	46.28	-	-	-	-	68.2	-21.92	161	285	V

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

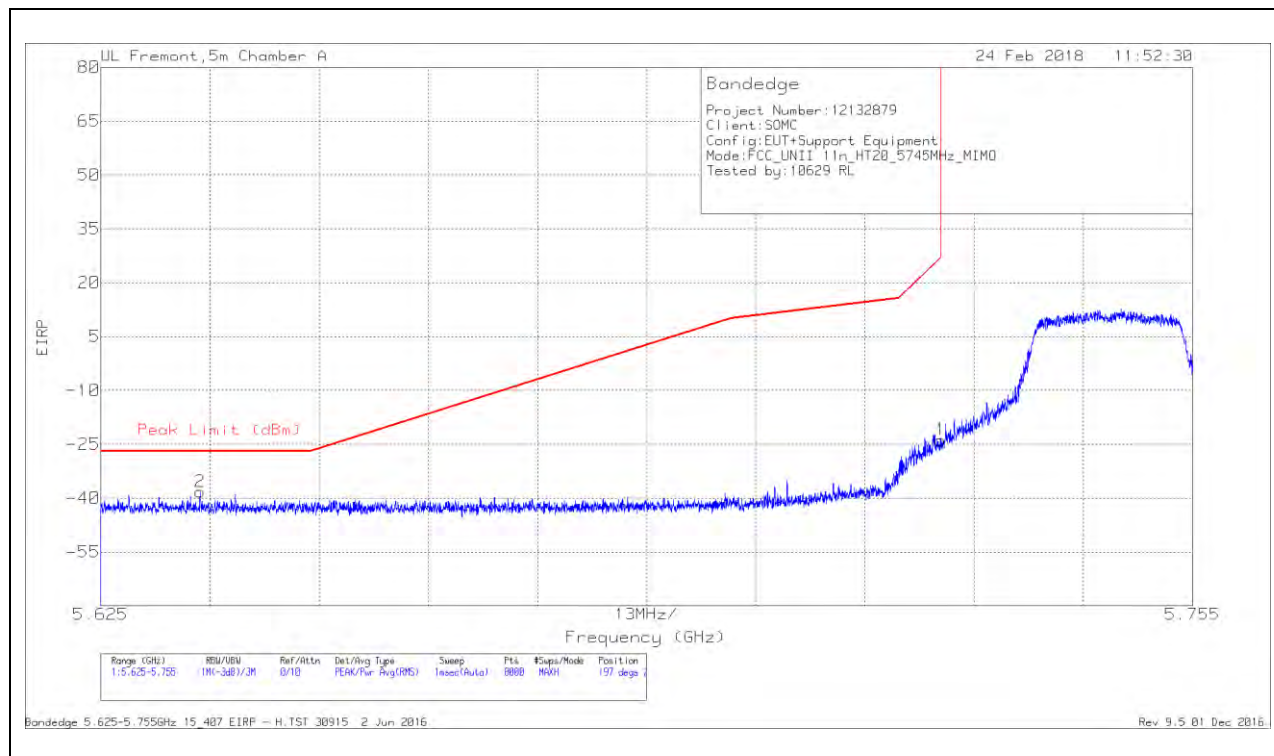
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.14. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 5.8 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



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	5.637	-66.58	Pk	35.1	-18.6	11.8	0	-38.28	-27	-11.28	197	230	H
1	5.725	-52.02	Pk	35	-18.6	11.8	0	-23.82	27	-50.82	197	230	H

Pk - Peak detector

UL Fremont, 5m Chamber A

24 Feb 2018 12:01:23

Bandedge

Project Number: 12132879
 Client: SPMC
 Config: EUT+Support Equipment
 Mode: FCC_UNII_11n_HT20_5745MHz_MIMO
 Tested by: 10629 RL

Peak Limit (dBm)

2

1

EIRP

Frequency (GHz)

13MHz/

Range (GHz)	Res/EBW	Ref/Alt	Det/Avg Type	Sweep	Pts	#Samps/Mode	Position
5.625-5.755	1Hz-200Hz	3/10	PPK/100	1000	1000	200	200

Bandedge 5.625-5.755GHz 15_407 EIRP - U.TST 30915 2 Jun 2016

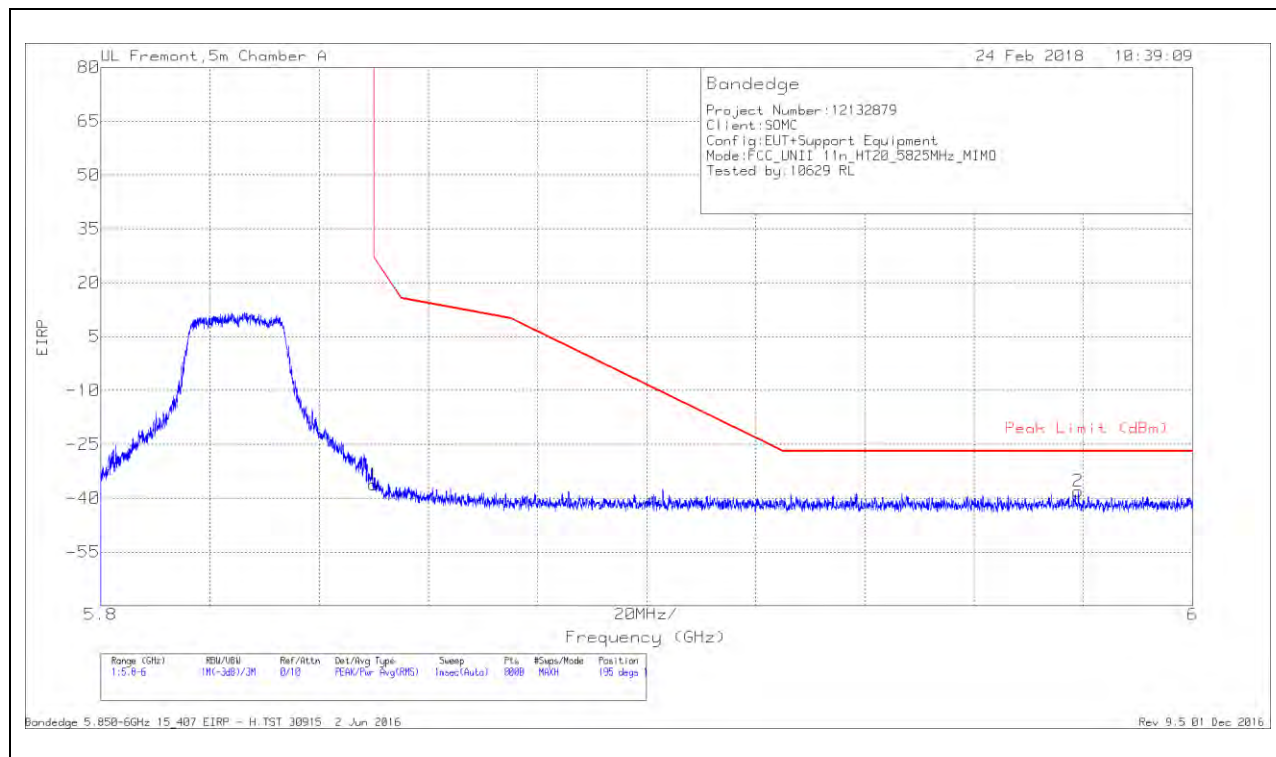
Rev 9.5 01 Dec 2016

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632	-67.88	Pk	35.1	-18.6	11.8	0	-39.58	-27	-12.58	282	232	V
1	5.725	-55.75	Pk	35	-18.6	11.8	0	-27.55	27	-54.55	282	232	V

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

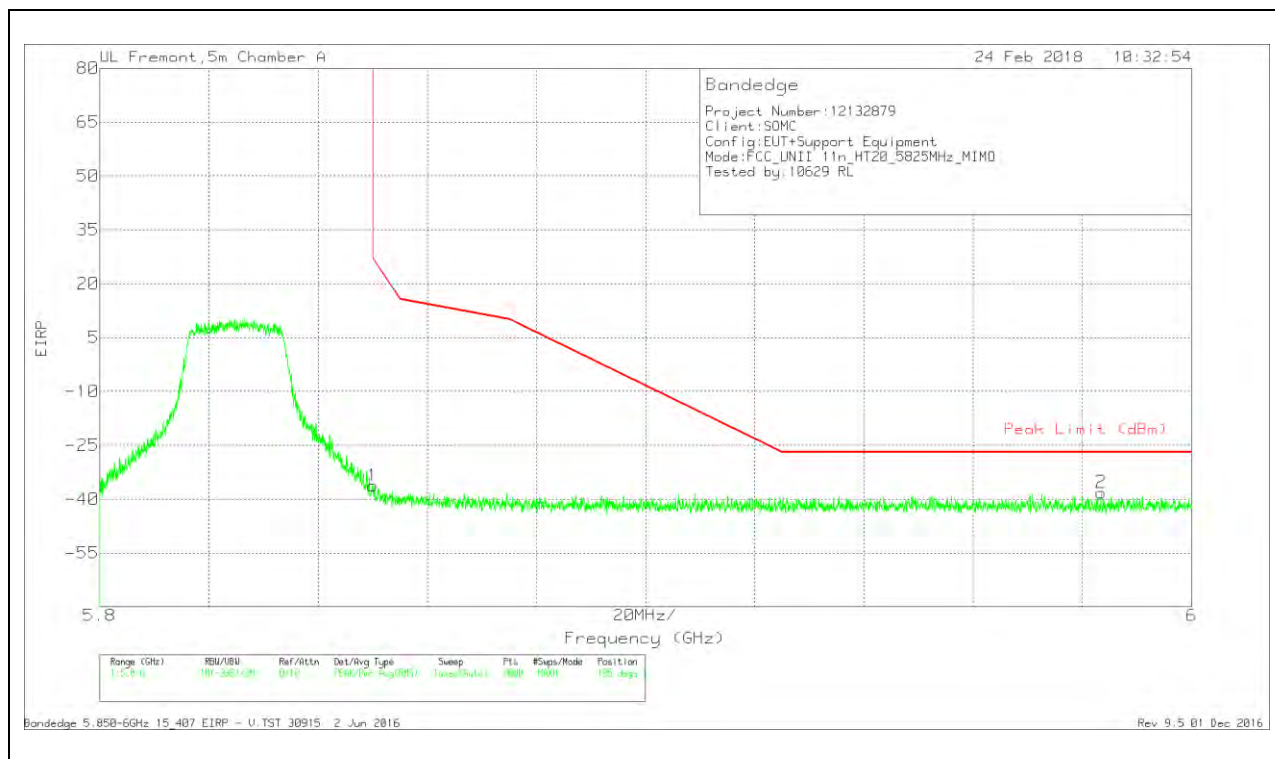


Trace Markers

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	-64.63	Pk	35.1	-18.5	11.8	0	-36.23	26.99	-63.22	195	158	H
2	5.979	-66.95	Pk	35.3	-18.2	11.8	0	-38.05	-27	-11.05	195	158	H

Pk - Peak detector

VERTICAL RESULT



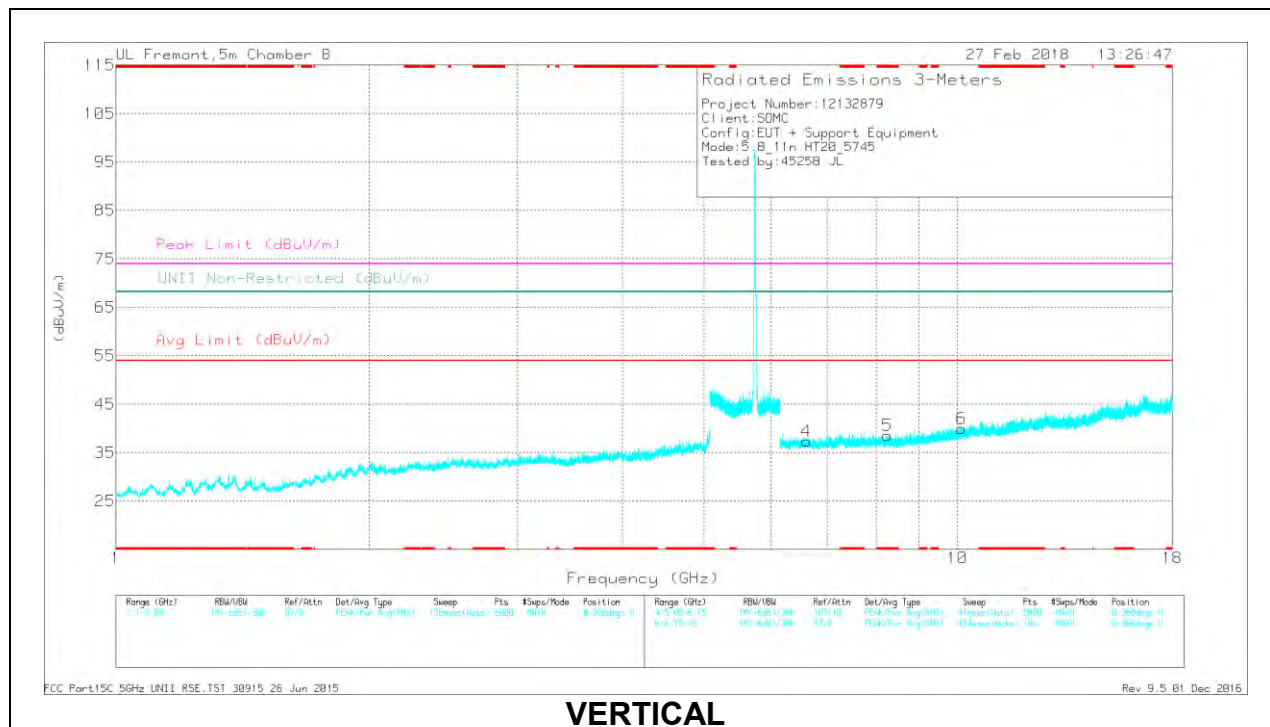
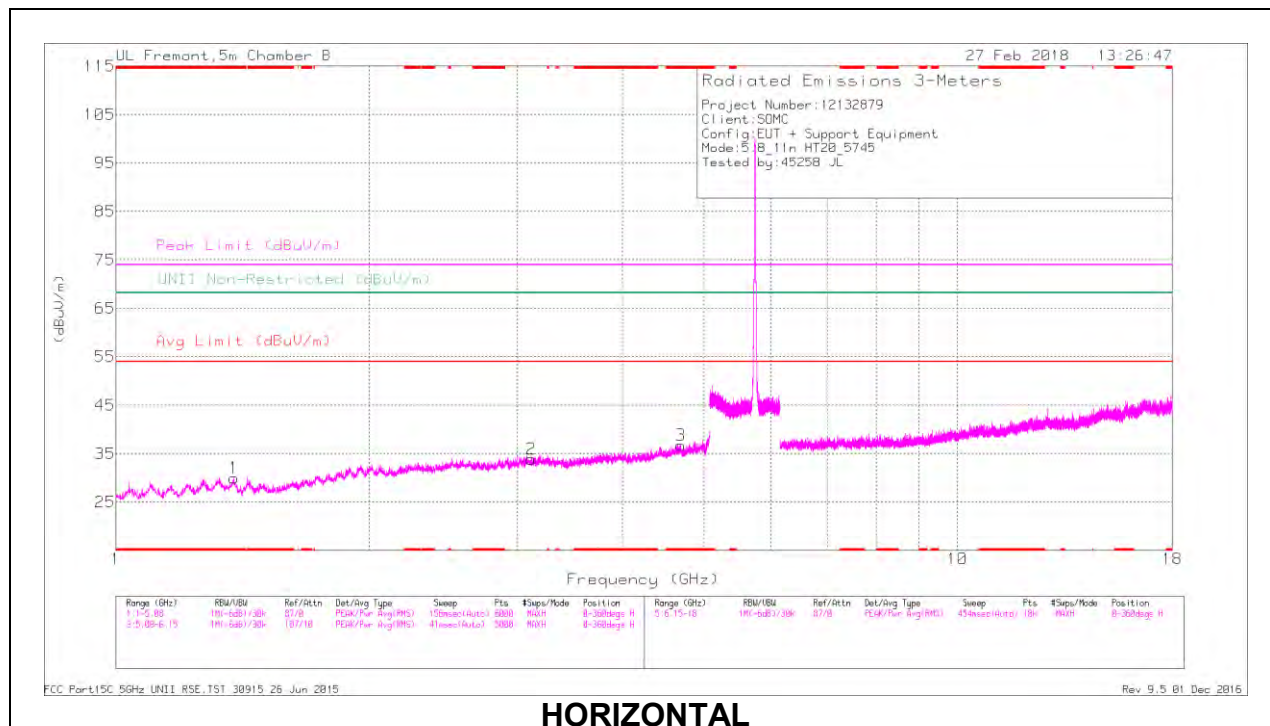
Trace Markers

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	-64.62	Pk	35.1	-18.5	11.8	0	-36.22	26.99	-63.21	195	117	V
2	5.983	-67.07	Pk	35.3	-18.2	11.8	0	-38.17	-27	-11.17	195	117	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

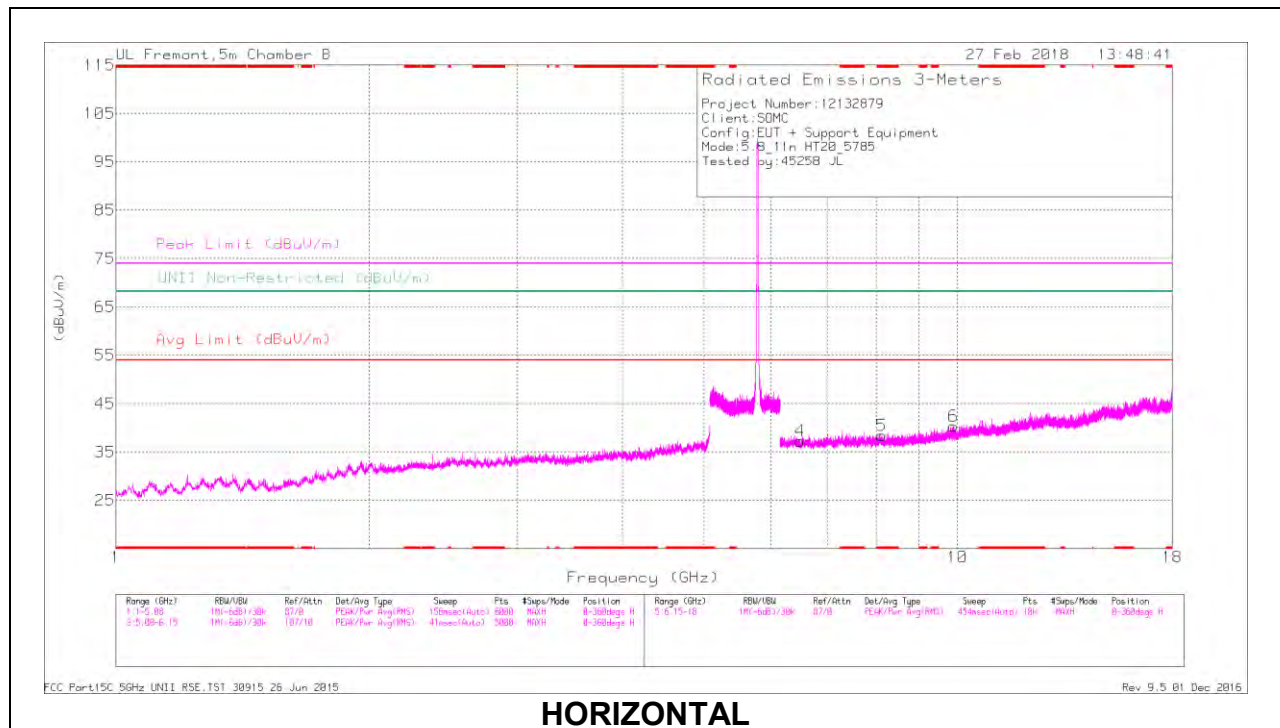
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.382	42.02	PK-U	28.4	-33.7	0	36.72	-	-	74	-37.28	-	-	88	194	H
	* 1.38	30.34	ADR	28.5	-33.7	0	25.14	54	-28.86	-	-	-	-	88	194	H
3	* 4.687	39.51	PK-U	34.2	-30	0	43.71	-	-	74	-30.29	-	-	131	227	H
	* 4.689	27.73	ADR	34.2	-30.2	0	31.73	54	-22.27	-	-	-	-	131	227	H
5	* 8.256	35.39	PK-U	36.1	-27.4	0	44.09	-	-	74	-29.91	-	-	157	257	V
	* 8.254	24.52	ADR	36.1	-27.5	0	33.12	54	-20.88	-	-	-	-	157	257	V
2	3.114	40.15	PK-U	33.2	-32.3	0	41.05	-	-	-	-	68.2	-27.15	219	287	H
4	6.615	36.79	PK-U	35.7	-28.5	0	43.99	-	-	-	-	68.2	-24.21	248	255	V
6	10.119	33.82	PK-U	37.4	-25.1	0	46.12	-	-	-	-	68.2	-22.08	304	211	V

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

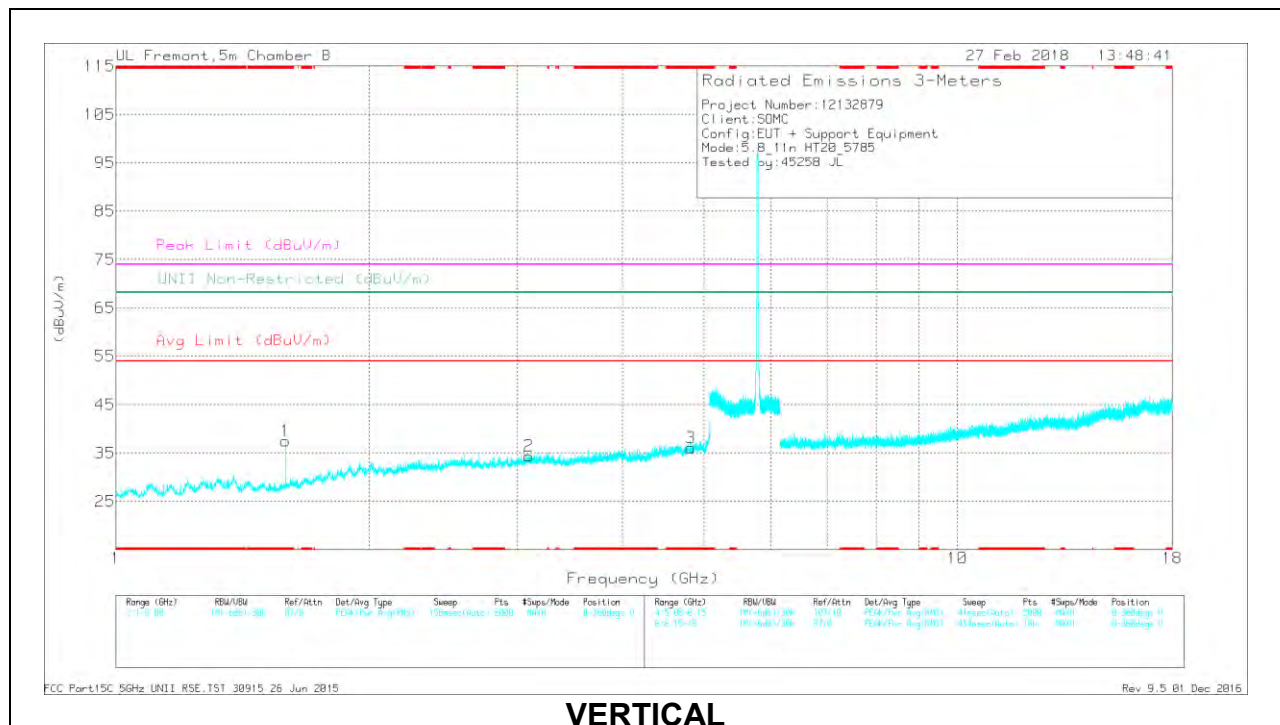
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

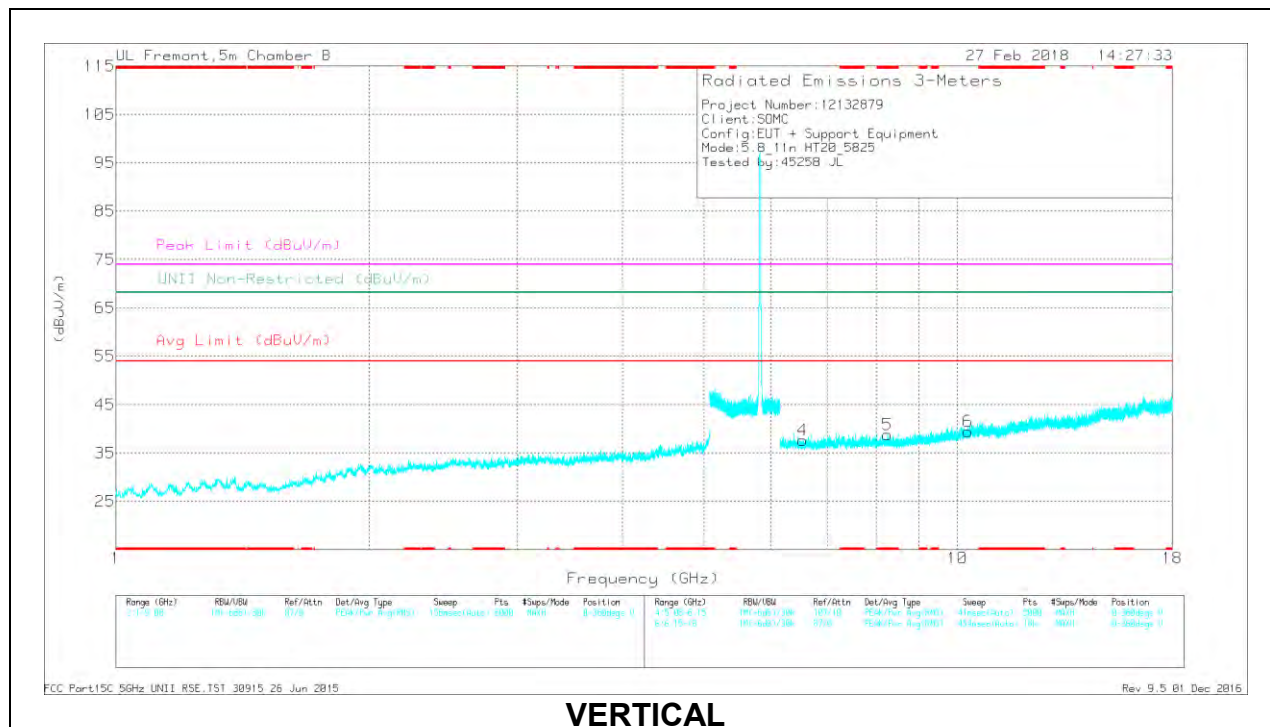
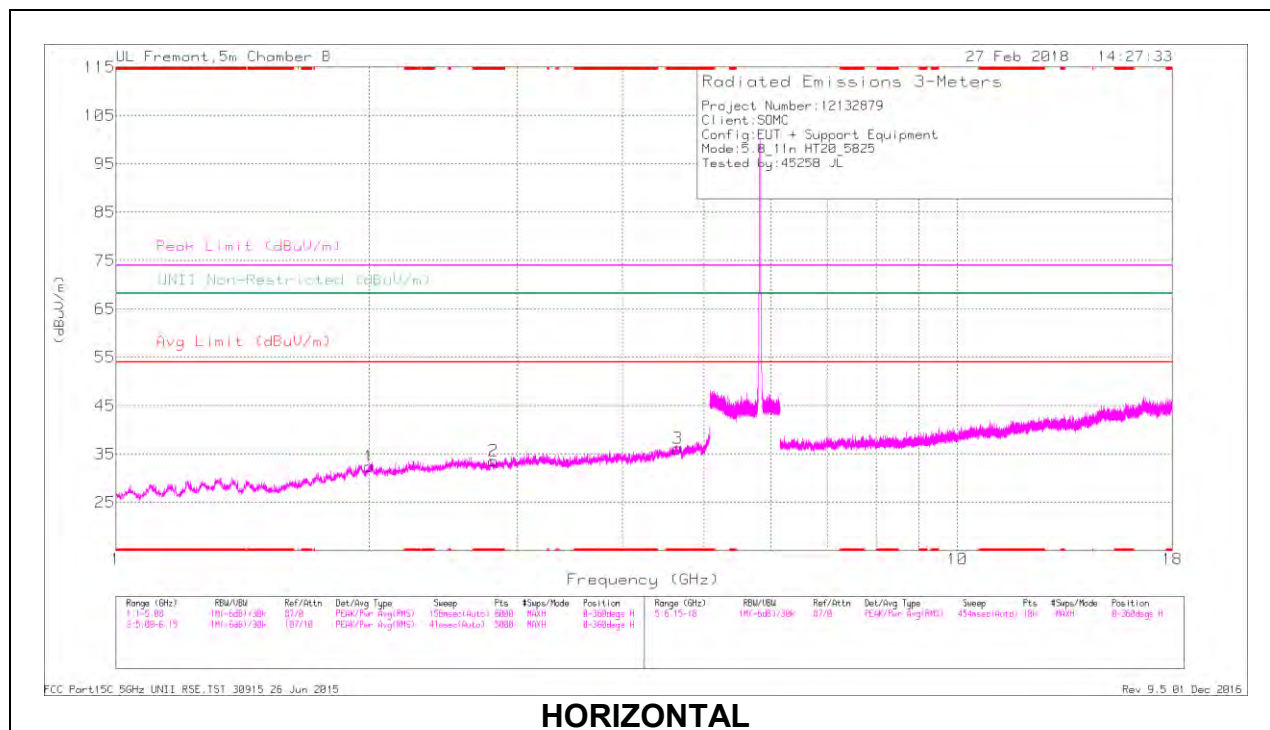
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.592	40.89	PK-U	28.2	-33.8	0	35.29	-	-	74	-38.71	-	-	321	168	V
	* 1.589	29.77	ADR	28.2	-33.9	0	24.07	54	-29.93	-	-	-	-	321	168	V
3	* 4.821	39.8	PK-U	34.4	-30.9	0	43.3	-	-	74	-30.7	-	-	298	190	V
	* 4.821	28.41	ADR	34.4	-30.9	0	31.91	54	-22.09	-	-	-	-	298	190	V
5	* 8.13	36.06	PK-U	36	-27.9	0	44.16	-	-	74	-29.84	-	-	239	216	H
	* 8.131	25.06	ADR	36	-27.9	0	33.16	54	-20.84	-	-	-	-	239	216	H
2	3.095	39.94	PK-U	33.2	-32.2	0	40.94	-	-	-	-	68.2	-27.26	175	239	V
4	6.502	38.24	PK-U	35.7	-29.9	0	44.04	-	-	-	-	68.2	-24.16	198	281	H
6	9.892	34.53	PK-U	37	-25.3	0	46.23	-	-	-	-	68.2	-21.97	148	247	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
2	* 2.807	40.58	PK-U	32.4	-32.7	0	40.28	-	-	74	-33.72	-	-	40	172	H
	* 2.807	28.93	ADR	32.4	-32.7	0	28.63	54	-25.37	-	-	-	-	40	172	H
3	* 4.648	38.5	PK-U	34.3	-29.4	0	43.4	-	-	74	-30.6	-	-	108	218	H
	* 4.648	26.78	ADR	34.3	-29.4	0	31.68	54	-22.32	-	-	-	-	108	218	H
5	* 8.257	36.06	PK-U	36.1	-27.4	0	44.76	-	-	74	-29.24	-	-	172	258	V
	* 8.256	24.43	ADR	36.1	-27.4	0	33.13	54	-20.87	-	-	-	-	172	258	V
1	2.001	40.69	PK-U	31.3	-32.5	0	39.49	-	-	-	-	68.2	-28.71	227	301	H
4	6.548	38.57	PK-U	35.7	-29.8	0	44.47	-	-	-	-	68.2	-23.73	352	282	V
6	10.289	34.99	PK-U	37.5	-25.6	0	46.89	-	-	-	-	68.2	-21.31	307	244	V

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

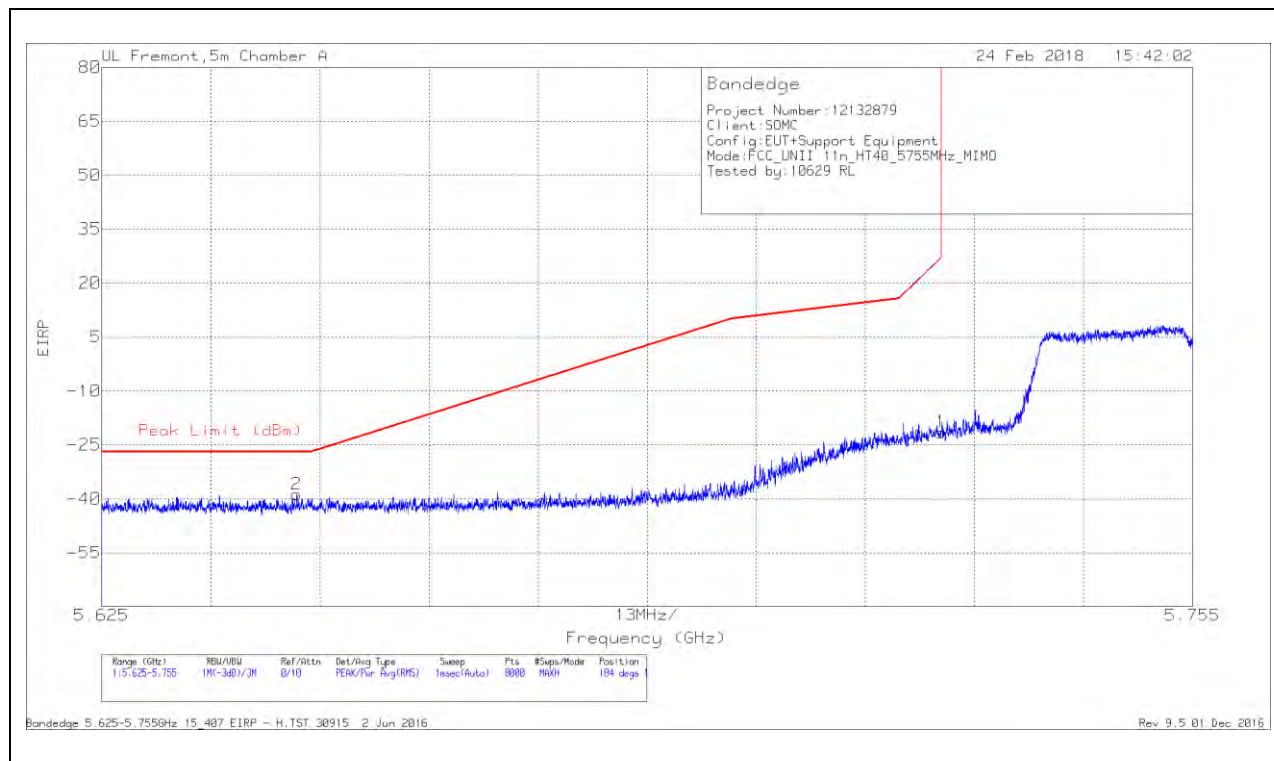
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.15. TX ABOVE 1 GHz 802.11n HT40 2TX CDD MODE IN THE 5.8 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

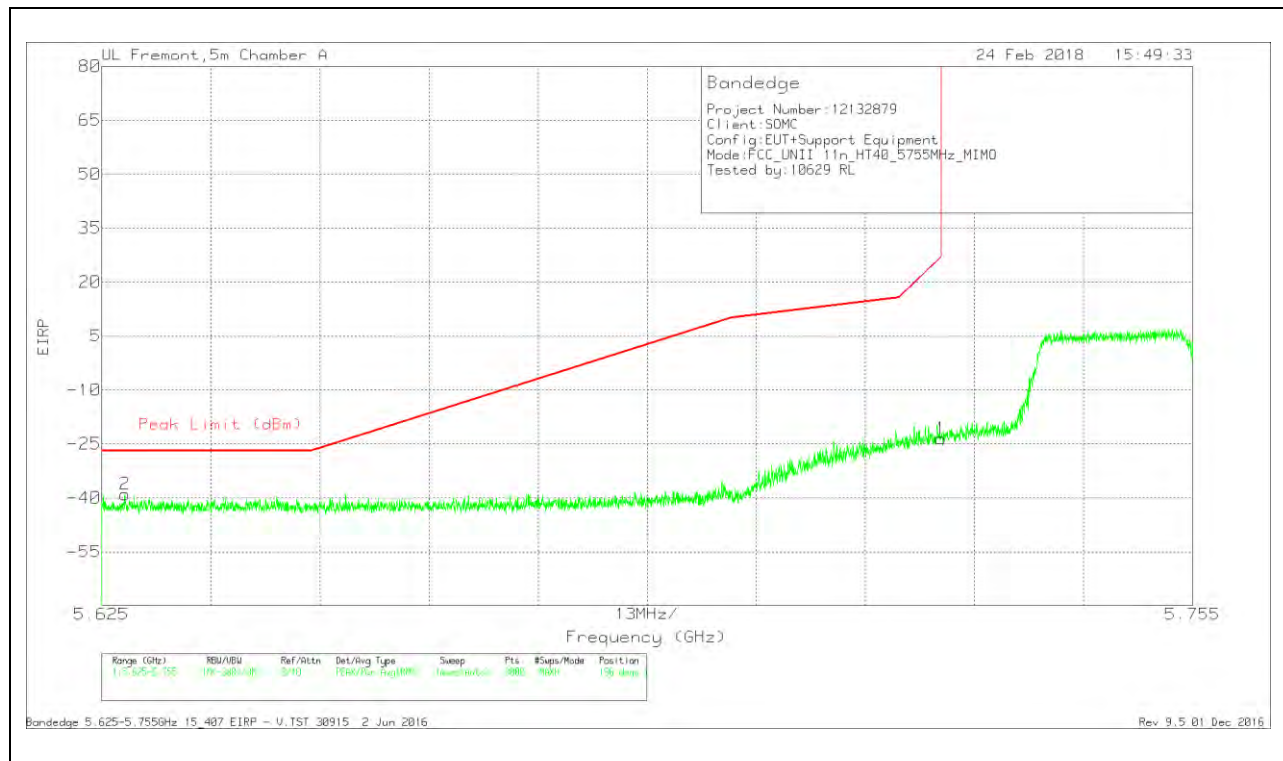


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT862 (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	5.648	-67.09	Pk	35.1	-18.6	11.8	0	-38.79	-27	-11.79	184	102	H
1	5.725	-49.67	Pk	35	-18.6	11.8	0	-21.47	27	-48.47	184	102	H

Pk - Peak detector

VERTICAL RESULT



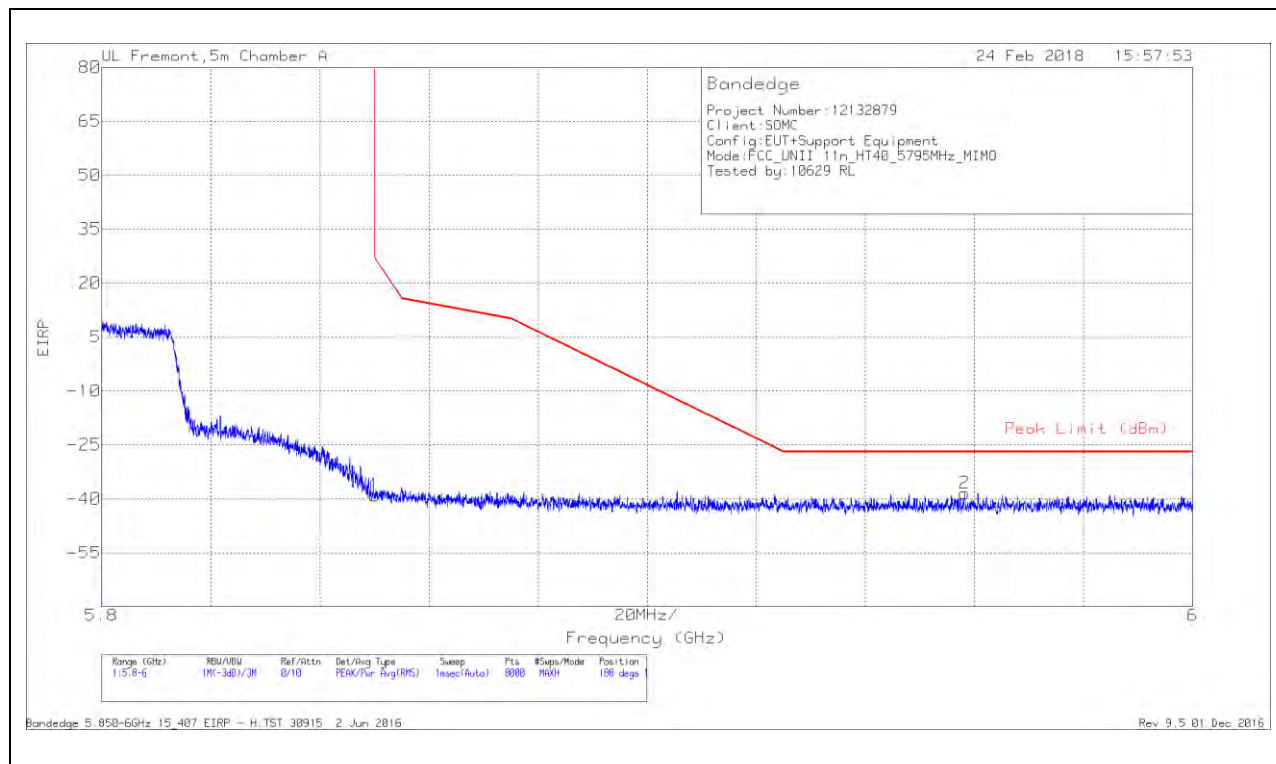
Trace Markers

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	5.628	-67.34	Pk	35.1	-18.6	11.8	0	-39.04	-27	-12.04	196	102	V
1	5.725	-51.79	Pk	35	-18.6	11.8	0	-23.59	27	-50.59	196	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

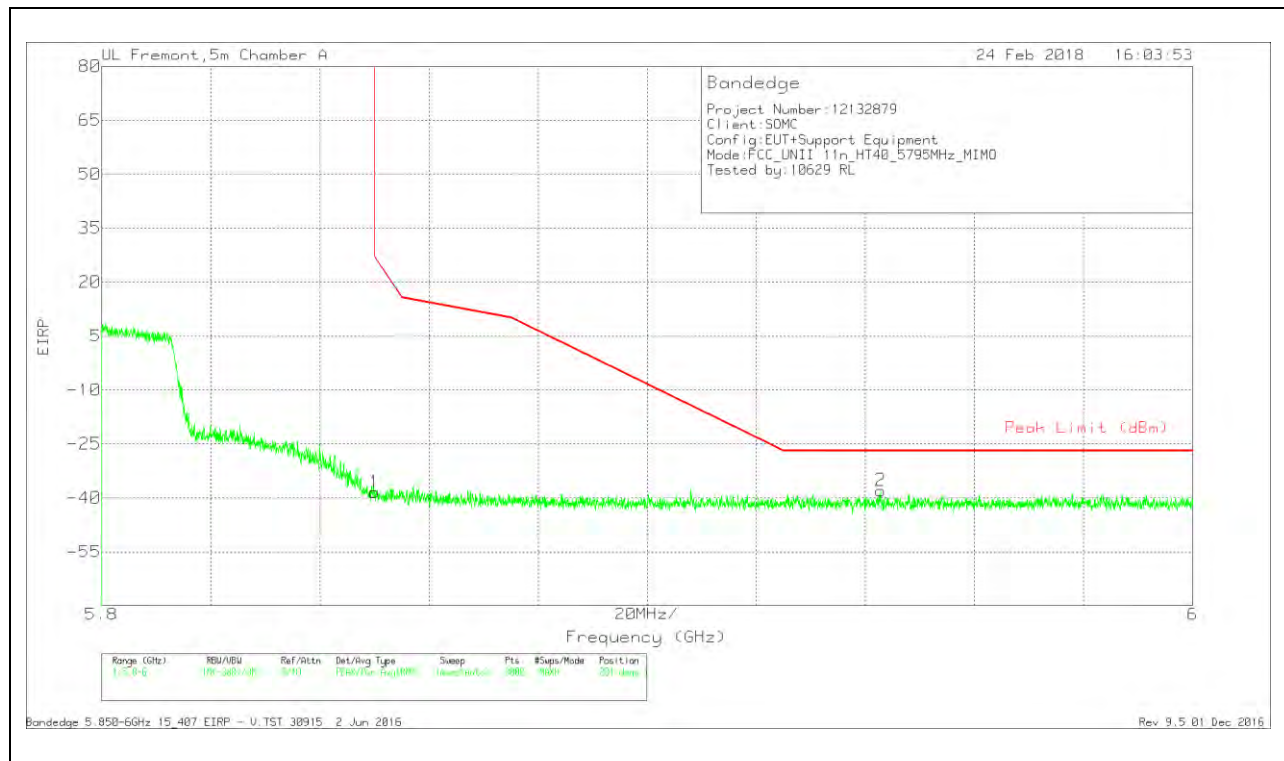


Trace Markers

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	-67.46	Pk	35.1	-18.5	11.8	0	-39.06	26.99	-66.05	188	128	H
2	5.958	-67.27	Pk	35.3	-18.3	11.8	0	-38.47	-27	-11.47	188	128	H

Pk - Peak detector

VERTICAL RESULT



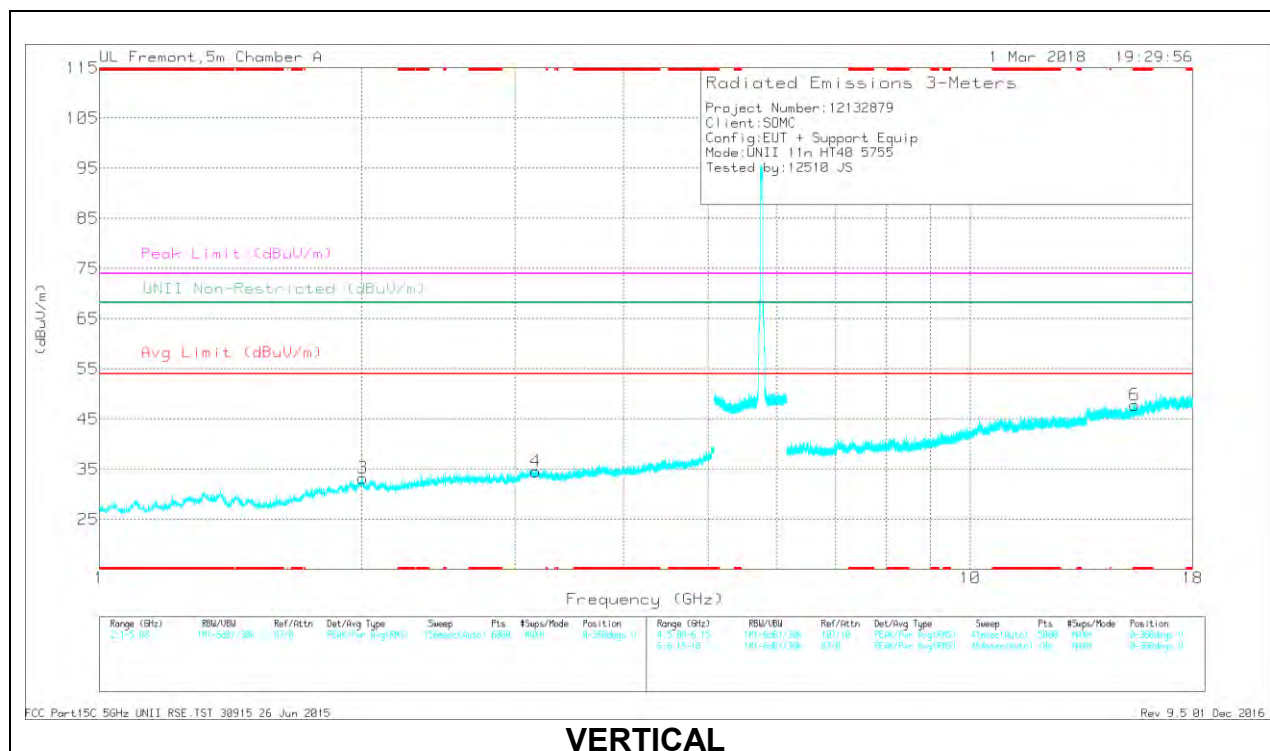
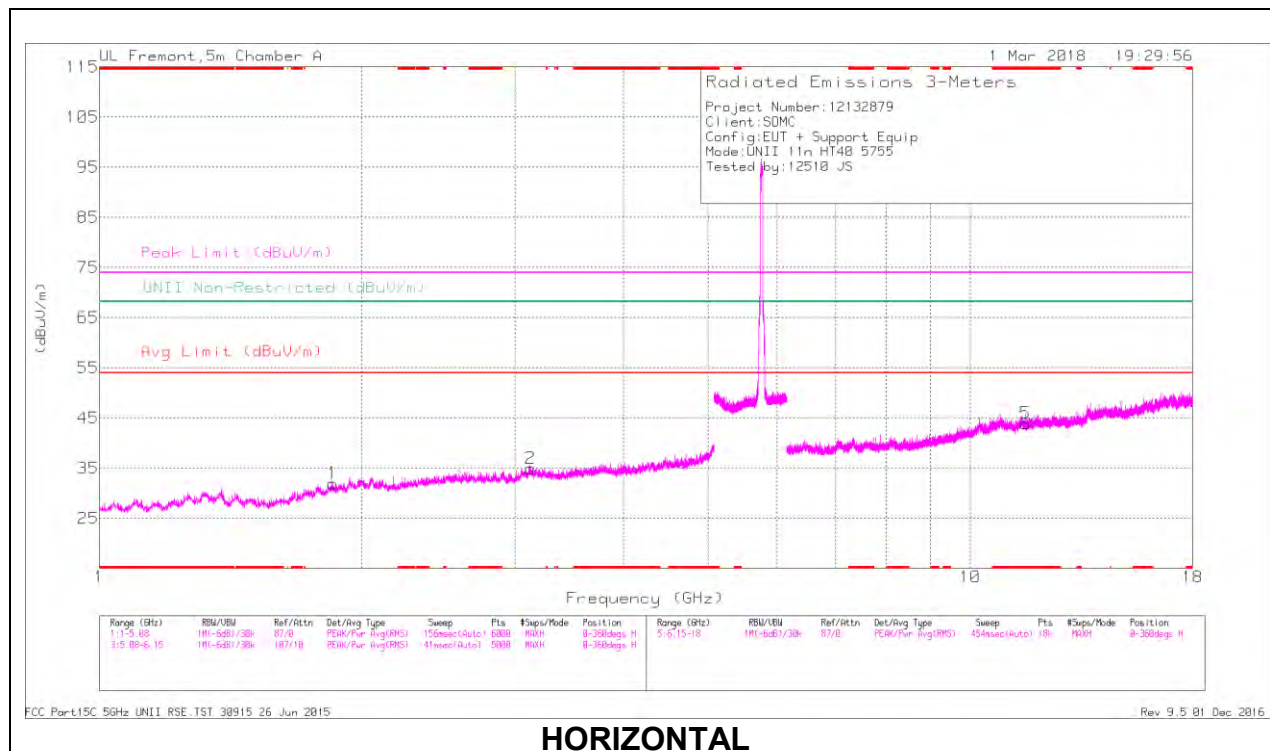
Trace Markers

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	-66.82	Pk	35.1	-18.5	11.8	0	-38.42	26.99	-65.41	201	102	V
2	5.943	-66.91	Pk	35.3	-18.2	11.8	0	-38.01	-27	-11.01	201	102	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

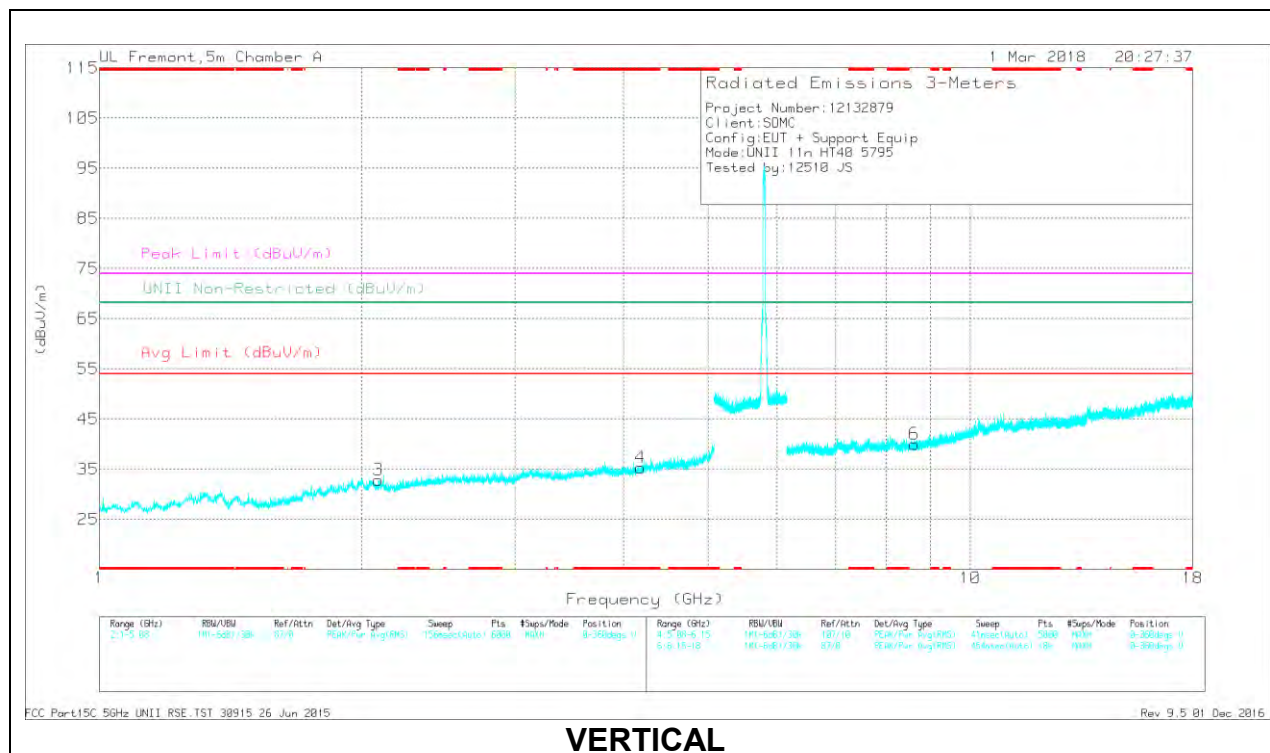
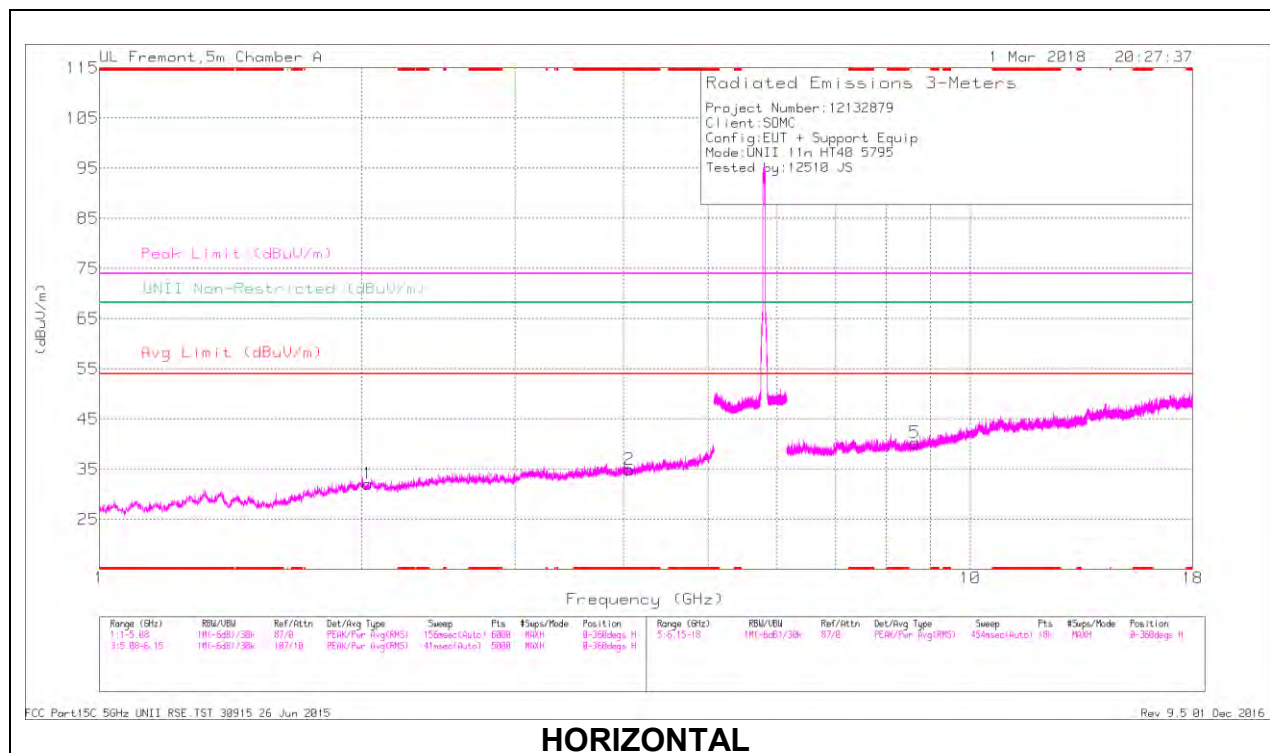
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 11.567	32.98	PK-U	38.4	-19.9	0	51.48	-	-	74	-22.52	-	-	186	290	H
	* 11.565	21.04	ADR	38.4	-19.9	.26	39.8	54	-14.2	-	-	-	-	186	290	H
6	* 15.439	31.81	PK-U	39.9	-18	0	53.71	-	-	74	-20.29	-	-	106	210	V
	* 15.441	20.46	ADR	39.9	-18	.26	42.62	54	-11.38	-	-	-	-	106	210	V
1	1.852	31.41	PK-U	30.9	-31.8	0	30.51	-	-	-	-	68.2	-37.69	311	293	H
3	2.005	39.17	PK-U	31.4	-30.7	0	39.87	-	-	-	-	68.2	-28.33	267	162	V
2	3.127	37.51	PK-U	32.8	-28.9	0	41.41	-	-	-	-	68.2	-26.79	181	108	H
4	3.168	37.52	PK-U	32.9	-29.4	0	41.02	-	-	-	-	68.2	-27.18	31	379	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
2	* 4.061	36.59	PK-U	33.4	-28.6	0	41.39	-	-	74	-32.61	-	-	258	400	H
	* 4.059	25.09	ADR	33.4	-28.6	.26	30.15	54	-23.85	-	-	-	-	258	400	H
4	* 4.184	36.33	PK-U	33.4	-28	0	41.73	-	-	74	-32.27	-	-	260	162	V
	* 4.181	24.74	ADR	33.4	-28.1	.26	30.3	54	-23.7	-	-	-	-	260	162	V
1	2.032	37.34	PK-U	31.4	-30.7	0	38.04	-	-	-	-	68.2	-30.16	97	183	H
3	2.089	37.99	PK-U	31.2	-30.8	0	38.39	-	-	-	-	68.2	-29.81	14	108	V
6	8.622	32.6	PK-U	35.8	-22.4	0	46	-	-	-	-	68.2	-22.2	117	120	V
5	8.638	32.4	PK-U	35.9	-22.2	0	46.1	-	-	-	-	68.2	-22.1	206	152	H

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

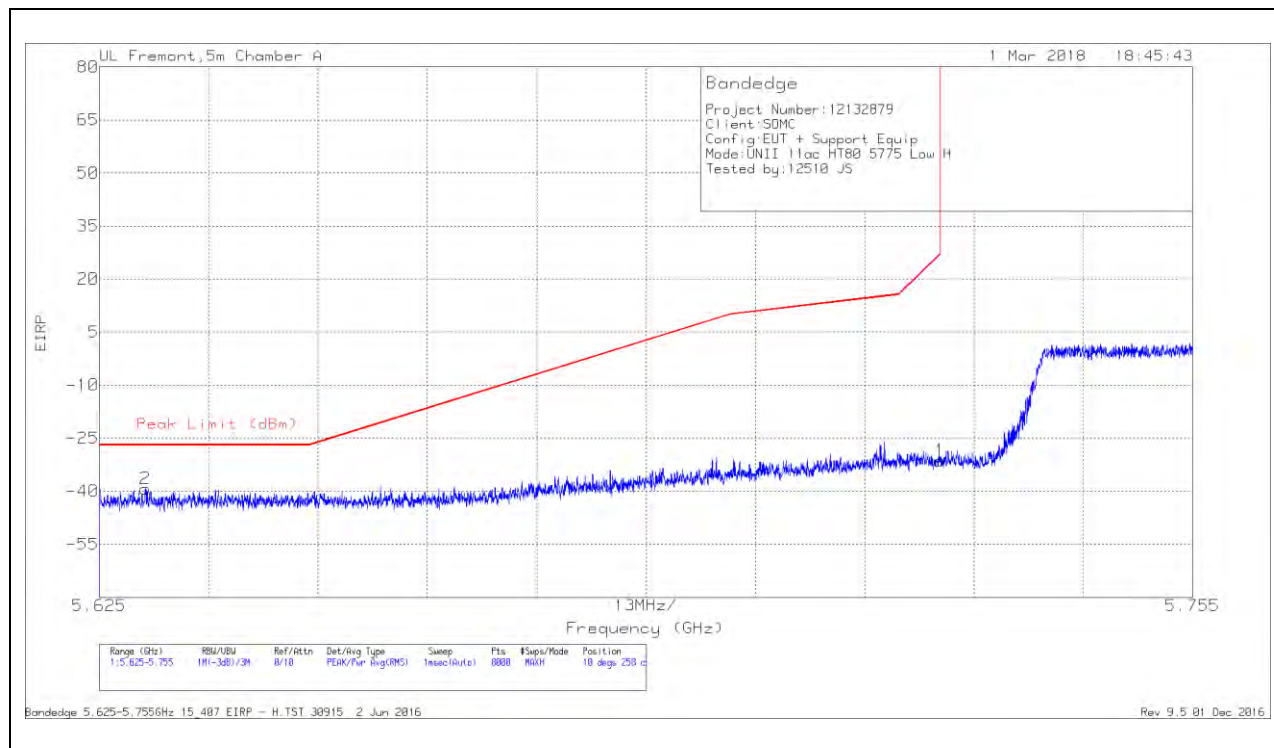
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.16. TX ABOVE 1 GHz 802.11ac VHT80 2TX CDD MODE IN THE 5.8 GHz BAND

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

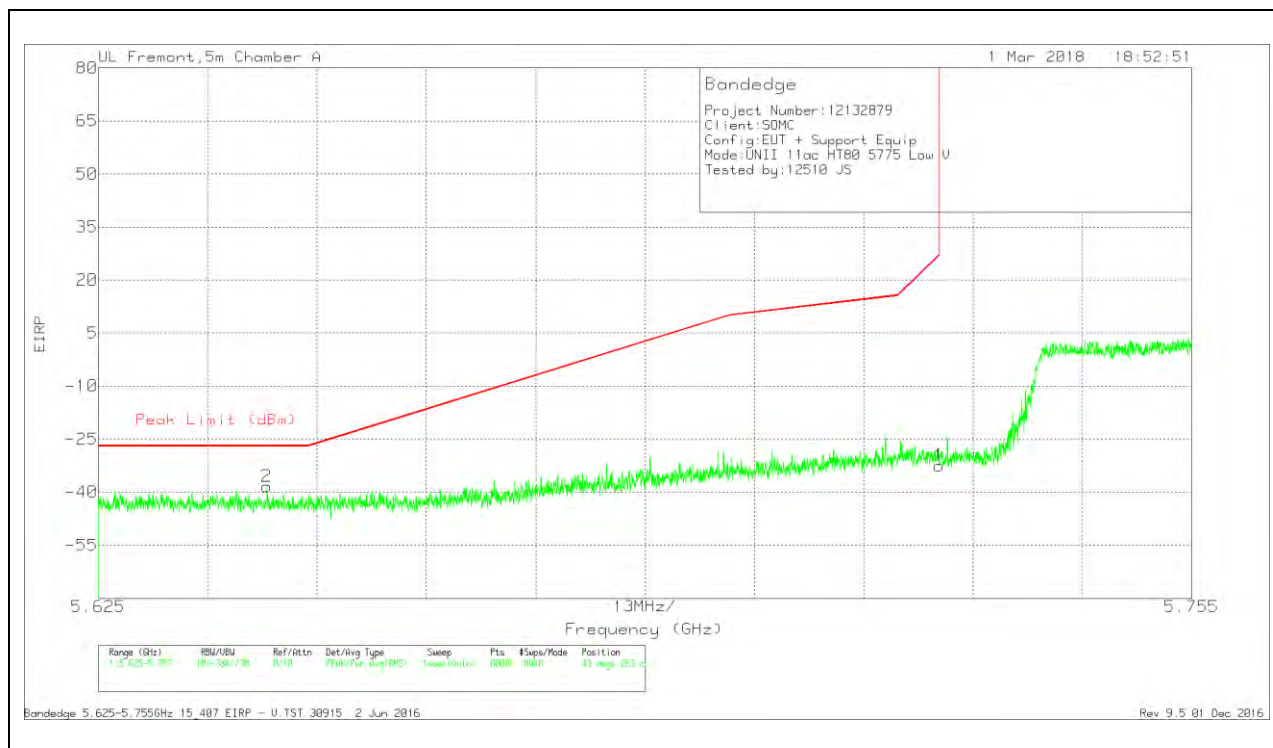


Trace Markers

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	5.63	-67.55	Pk	35.1	-18.6	11.8	0	-39.25	-27	-12.25	10	258	H
1	5.725	-59.56	Pk	35	-18.6	11.8	0	-31.36	27	-58.36	10	258	H

Pk - Peak detector

VERTICAL RESULT



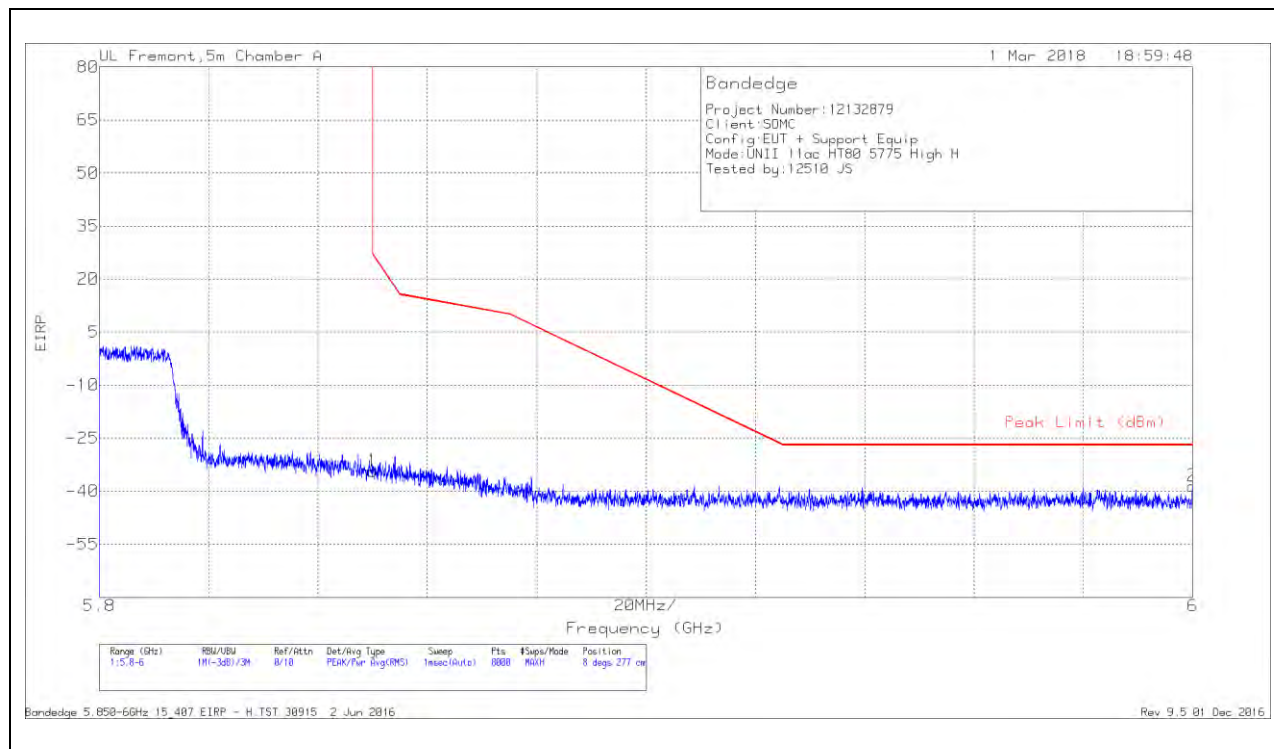
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT862 (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	5.645	-66.75	Pk	35.1	-18.6	11.8	0	-38.45	-27	-11.45	43	263	V
1	5.725	-60.66	Pk	35	-18.6	11.8	0	-32.46	27	-59.46	43	263	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

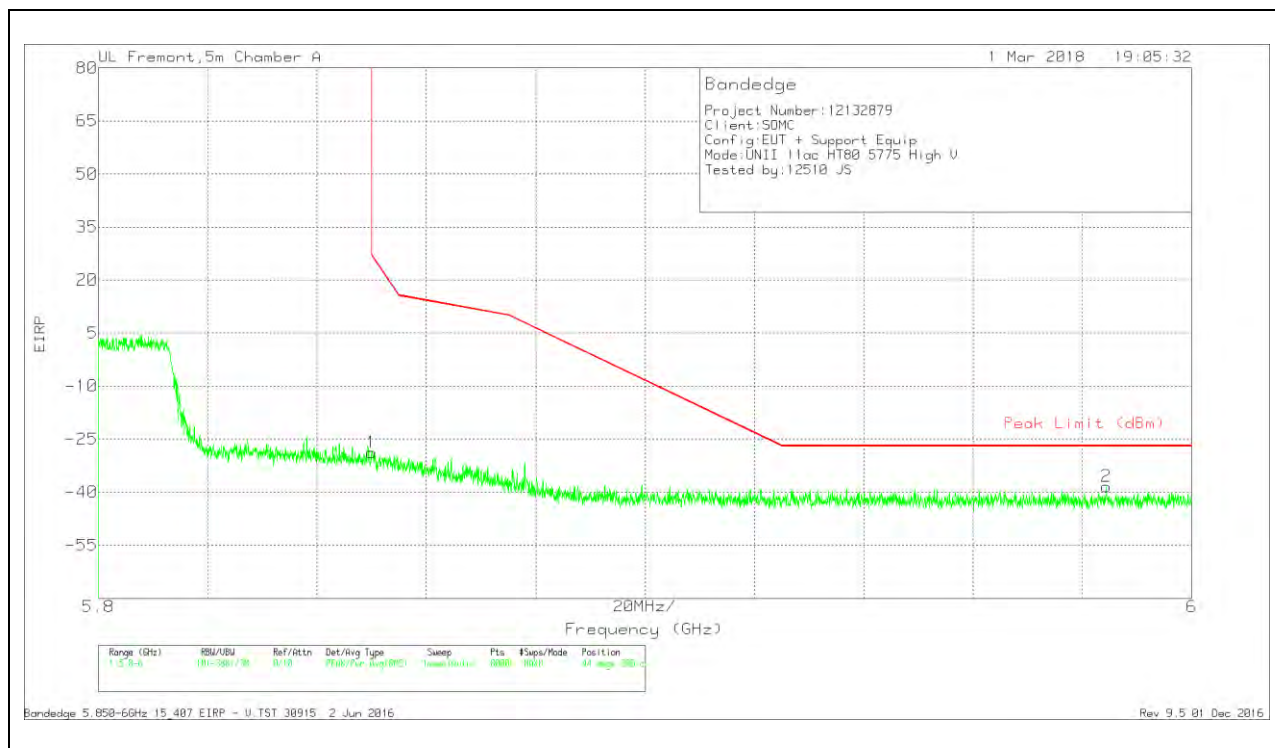


Trace Markers

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	-62.66	Pk	35.1	-18.5	11.8	0	-34.26	26.99	-61.25	8	277	H
2	6	-67.5	Pk	35.3	-18.1	11.8	0	-38.5	-27	-11.5	8	277	H

Pk - Peak detector

VERTICAL RESULT



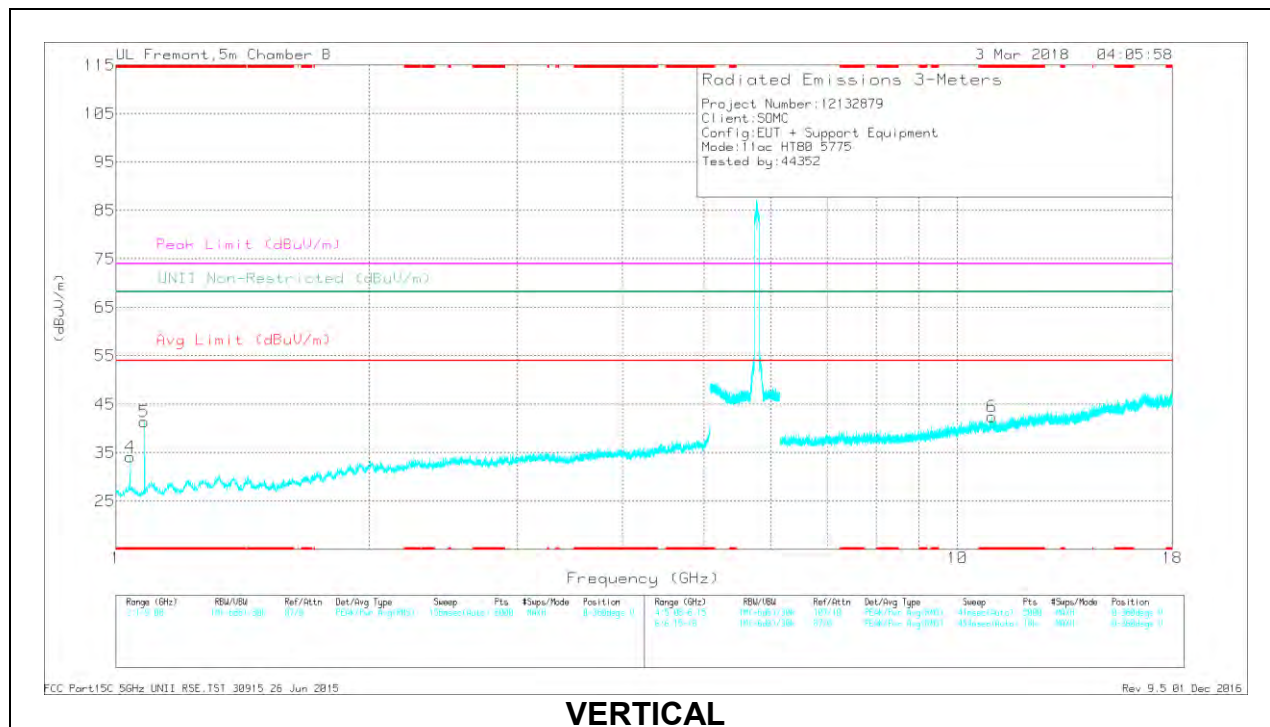
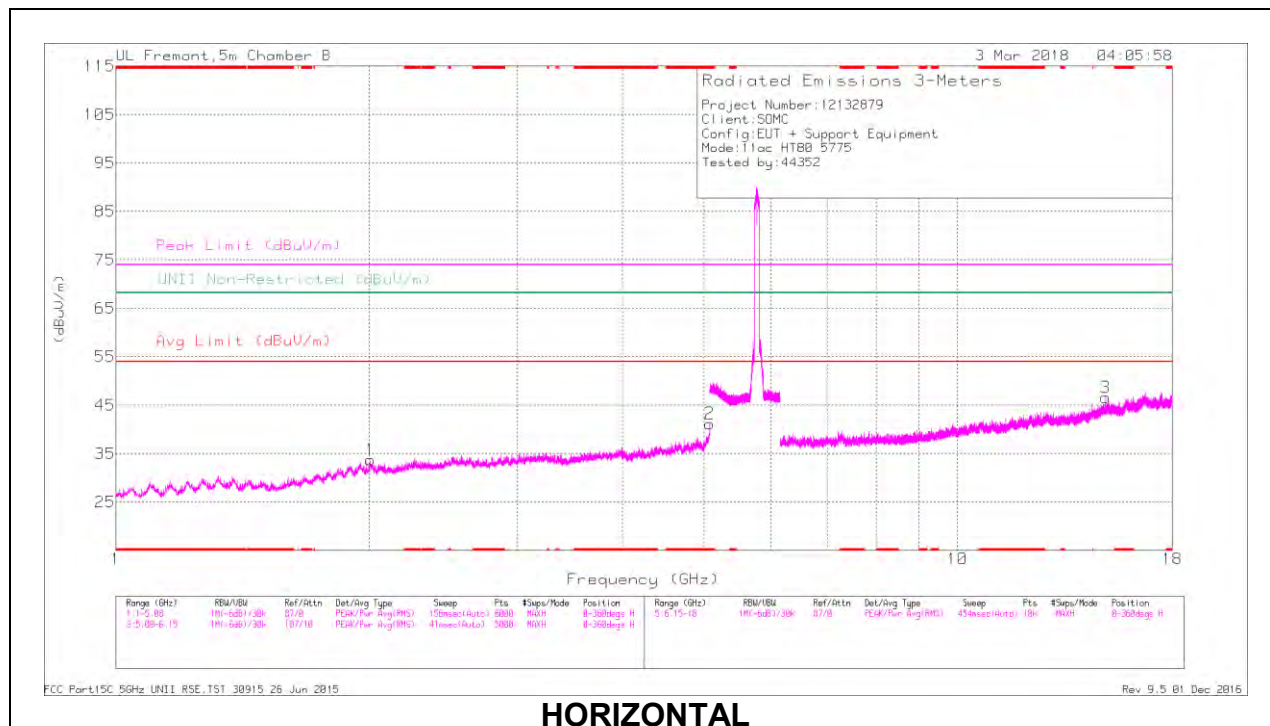
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT862 (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	-57.23	Pk	35.1	-18.5	11.8	0	-28.83	26.99	-55.82	44	300	V
2	5.984	-67.29	Pk	35.3	-18.2	11.8	0	-38.39	-27	-11.39	44	300	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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
2	* 5.078	38.42	PK-U	34.3	-25.8	0	46.92	-	-	74	-27.08	-	-	249	357	H
	* 5.077	26.72	ADR	34.3	-26.2	.52	35.34	54	-18.66	-	-	-	-	249	357	H
4	* 1.041	43.16	PK-U	27.1	-34.7	0	35.56	-	-	74	-38.44	-	-	70	338	V
	* 1.038	30.53	ADR	27.1	-34.7	.52	23.45	54	-30.55	-	-	-	-	70	338	V
5	* 1.081	41.17	PK-U	27.4	-34.5	0	34.07	-	-	74	-39.93	-	-	310	356	V
	* 1.083	29.37	ADR	27.4	-34.5	.52	22.79	54	-31.21	-	-	-	-	310	356	V
6	* 10.989	34.64	PK-U	37.7	-23.6	0	48.74	-	-	74	-25.26	-	-	151	296	V
	* 10.989	22.08	ADR	37.7	-23.6	.52	36.7	54	-17.3	-	-	-	-	151	296	V
1	2.004	41.25	PK-U	31.3	-32.4	0	40.15	-	-	-	-	68.2	-28.05	193	272	H
3	15.004	33.38	PK-U	40.6	-23.3	0	50.68	-	-	-	-	68.2	-17.52	144	252	H

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

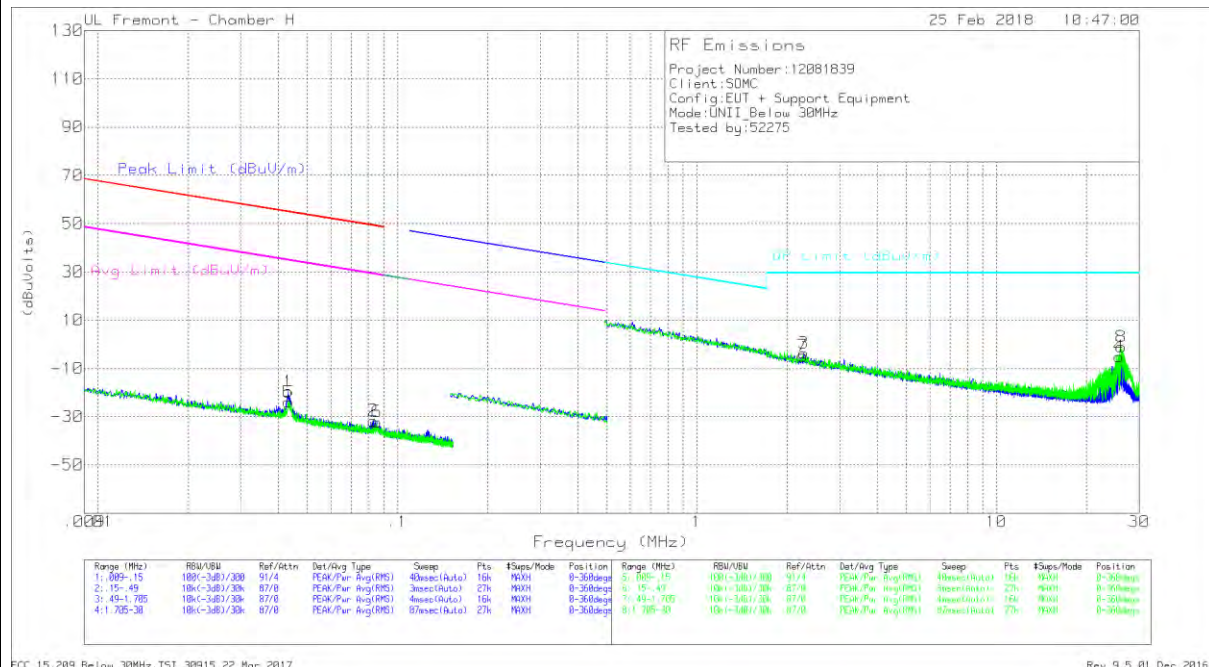
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1. WORST-CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

FACE ON AND FACE OFF PLOTS



NOTE: KDB 414788 OATS and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Trace Markers

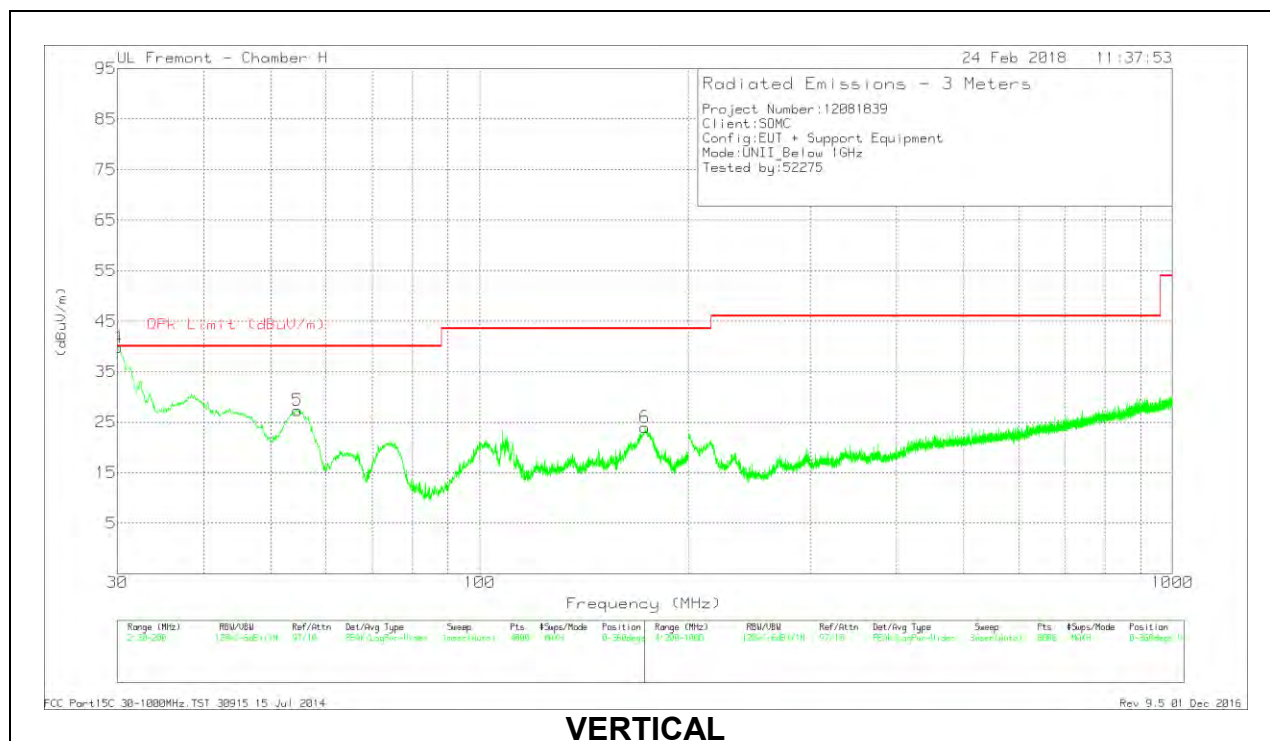
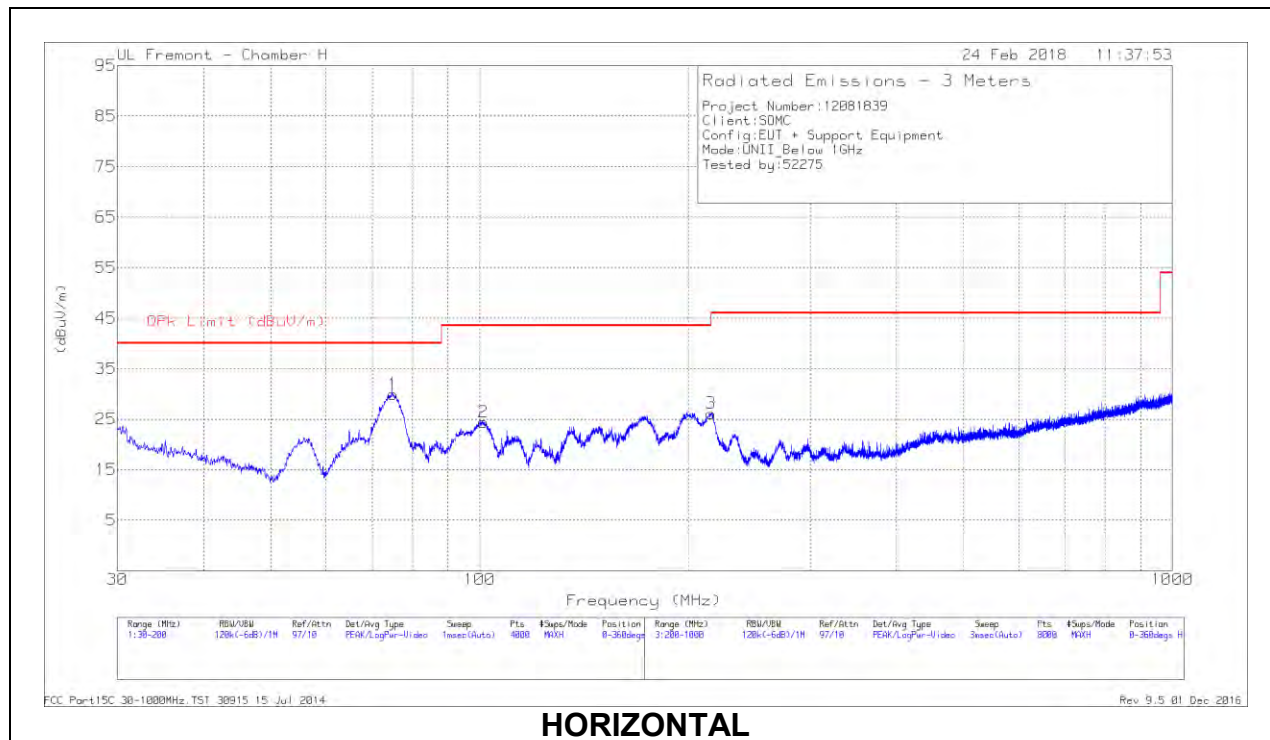
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.04315	47.87	Pk	12.6	0	-80	-19.53	54.89	-74.42	34.89	-54.42	0-360
5	.04334	43.42	Pk	12.6	0	-80	-23.98	54.85	-78.83	34.85	-58.83	0-360
2	.0831	36.46	Pk	11.8	0	-80	-31.74	49.19	-80.93	29.19	-60.93	0-360
6	.08539	36.02	Pk	11.8	0	-80	-32.18	48.96	-81.14	28.96	-61.14	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7	2.25572	23.33	Pk	11.7	.2	-40	-4.77	29.5	-34.27	0-360
3	2.27459	24.44	Pk	11.7	.2	-40	-3.66	29.5	-33.16	0-360
4	25.73616	25.42	Pk	8.9	.6	-40	-5.08	29.5	-34.58	0-360
8	26.11711	29.42	Pk	8.9	.6	-40	-1.08	29.5	-30.58	0-360

Pk - Peak detector

9.2. WORST CASE BELOW 1 GHz



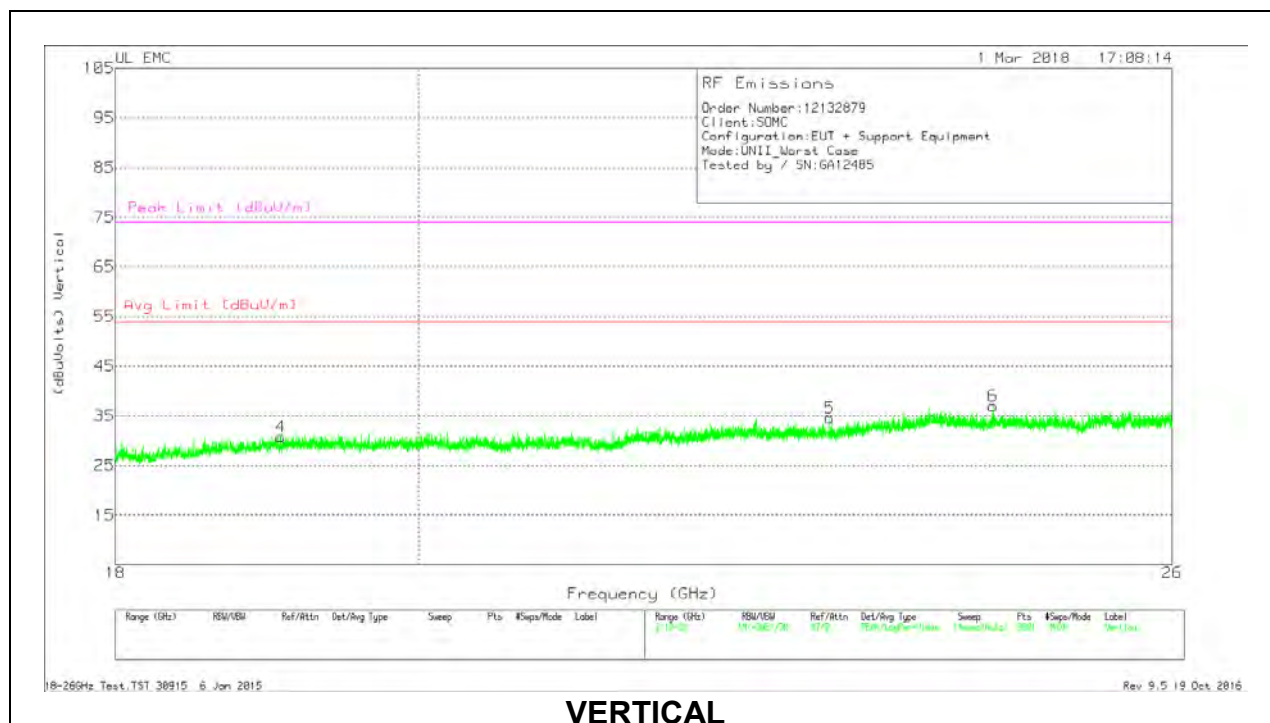
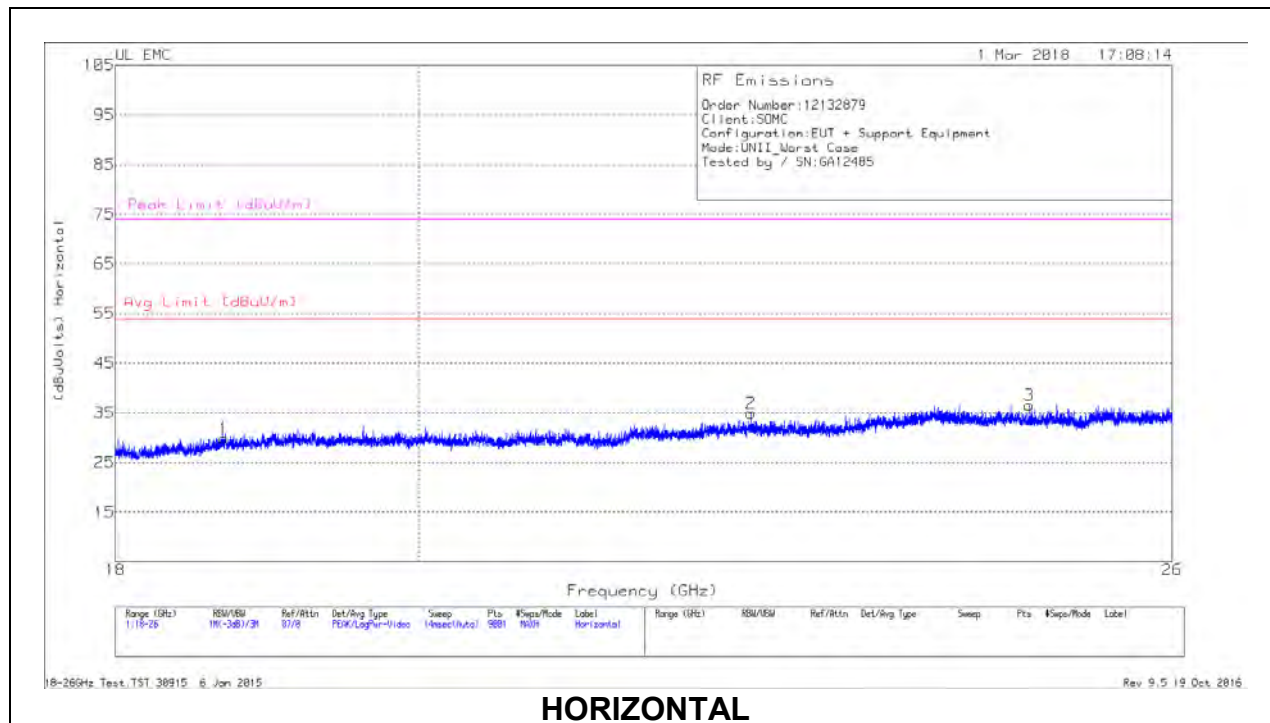
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T185 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 75.0191	48.93	Pk	11.7	-30.7	29.93	40	-10.07	0-360	199	H
4	30.2613	39.81	Qp	23.5	-31.3	32.01	40	-7.99	28	115	V
5	54.6139	46.76	Pk	11.6	-31	27.36	40	-12.64	0-360	100	V
2	101.2484	40.62	Pk	14.3	-30.5	24.42	43.52	-19.1	0-360	199	H
6	173.3896	38.56	Pk	15.3	-29.9	23.96	43.52	-19.56	0-360	100	V
3	215.9021	41.22	Pk	14.5	-29.6	26.12	43.52	-17.4	0-360	100	H

Pk - Peak detector

Qp - Quasi-Peak detector

9.3. WORST-CASE 18-26 GHz

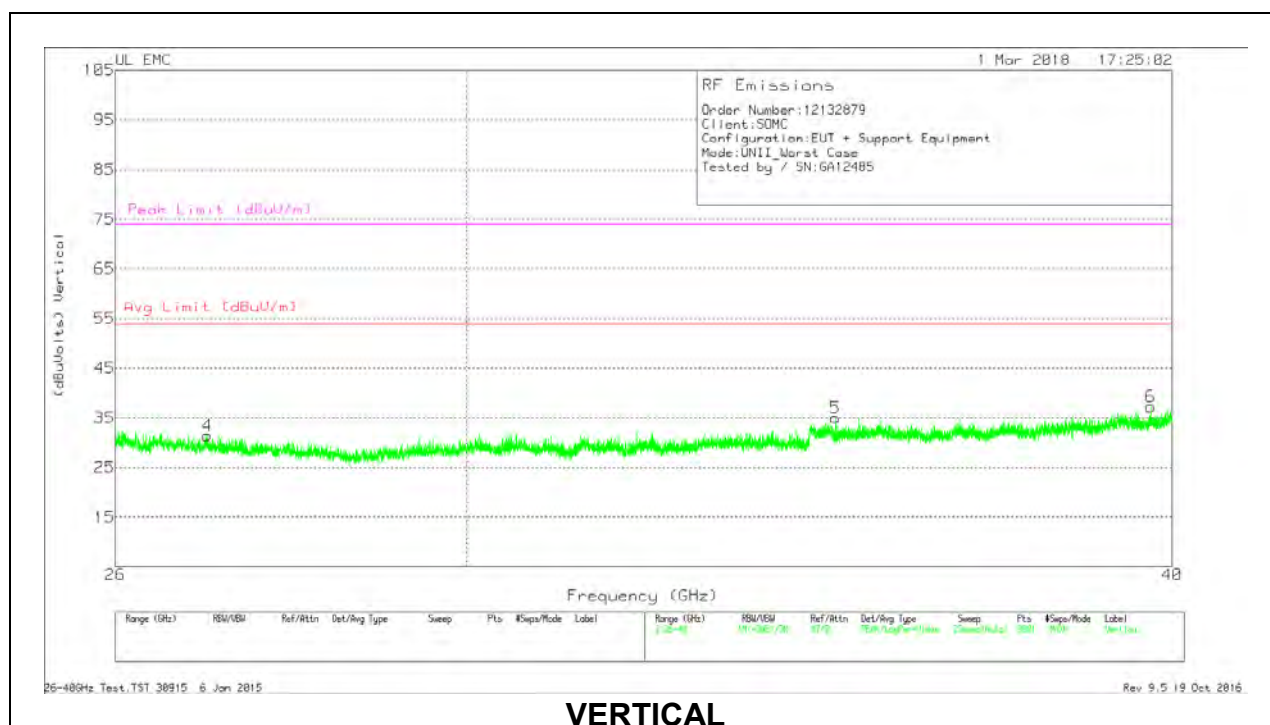
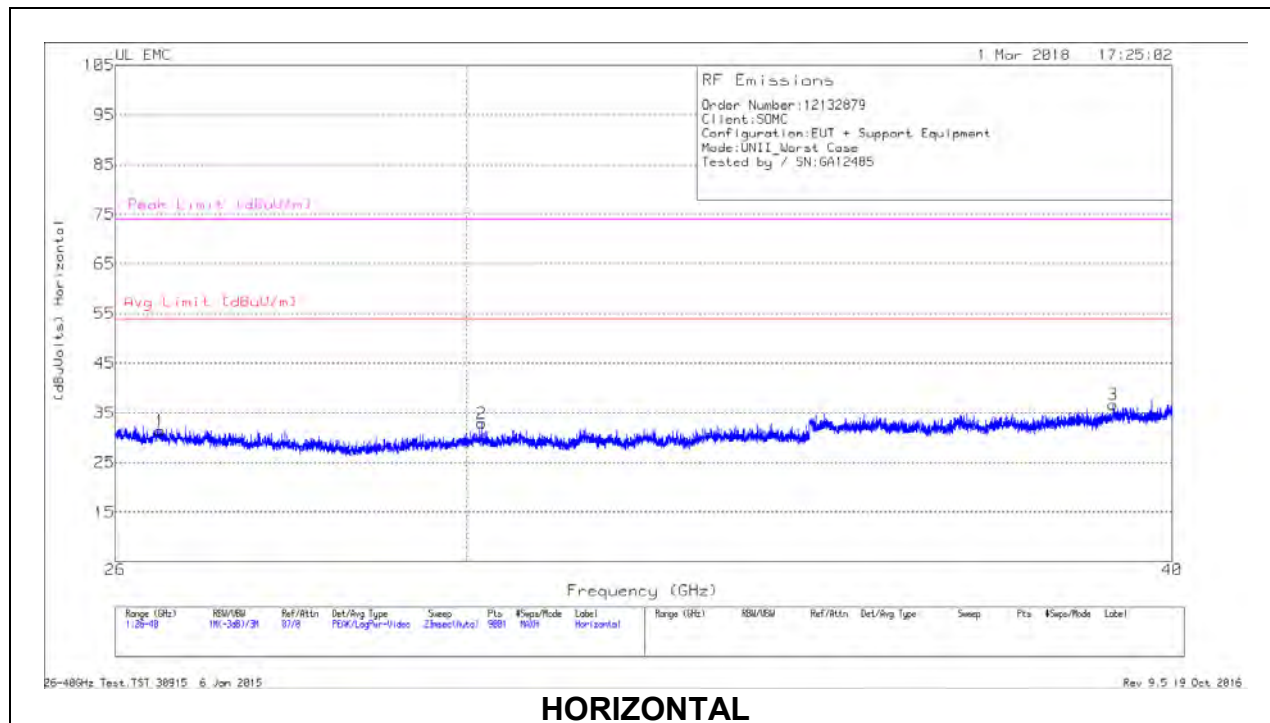


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T449 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	18.692	31.36	Pk	32.3	-24.3	-9.5	29.86	54	-24.14	74	-44.14
2	22.454	35.53	Pk	33.5	-24.6	-9.5	34.93	54	-19.07	74	-39.07
3	24.738	36.62	Pk	34.1	-24.7	-9.5	36.52	54	-17.48	74	-37.48
4	19.065	32.74	Pk	32.5	-25	-9.5	30.74	54	-23.26	74	-43.26
5	23.078	35.68	Pk	33.6	-25.2	-9.5	34.58	54	-19.42	74	-39.42
6	24.427	36.58	Pk	34	-24.1	-9.5	36.98	54	-17.02	74	-37.02

Pk - Peak detector

9.4. WORST-CASE 26-40 GHz



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	26.476	35.91	Pk	35.5	-30.5	-9.5	31.41	54	-22.59	74	-42.59
2	30.188	39.02	Pk	35.9	-32.5	-9.5	32.92	54	-21.08	74	-41.08
3	39.05	40.5	Pk	37.5	-31.8	-9.5	36.7	54	-17.3	74	-37.3
4	26.992	36.1	Pk	35.5	-30.7	-9.5	31.4	54	-22.6	74	-42.6
5	34.867	40.59	Pk	37.2	-33.3	-9.5	34.99	54	-19.01	74	-39.01
6	39.648	40.74	Pk	37.2	-31.2	-9.5	37.24	54	-16.76	74	-36.76

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

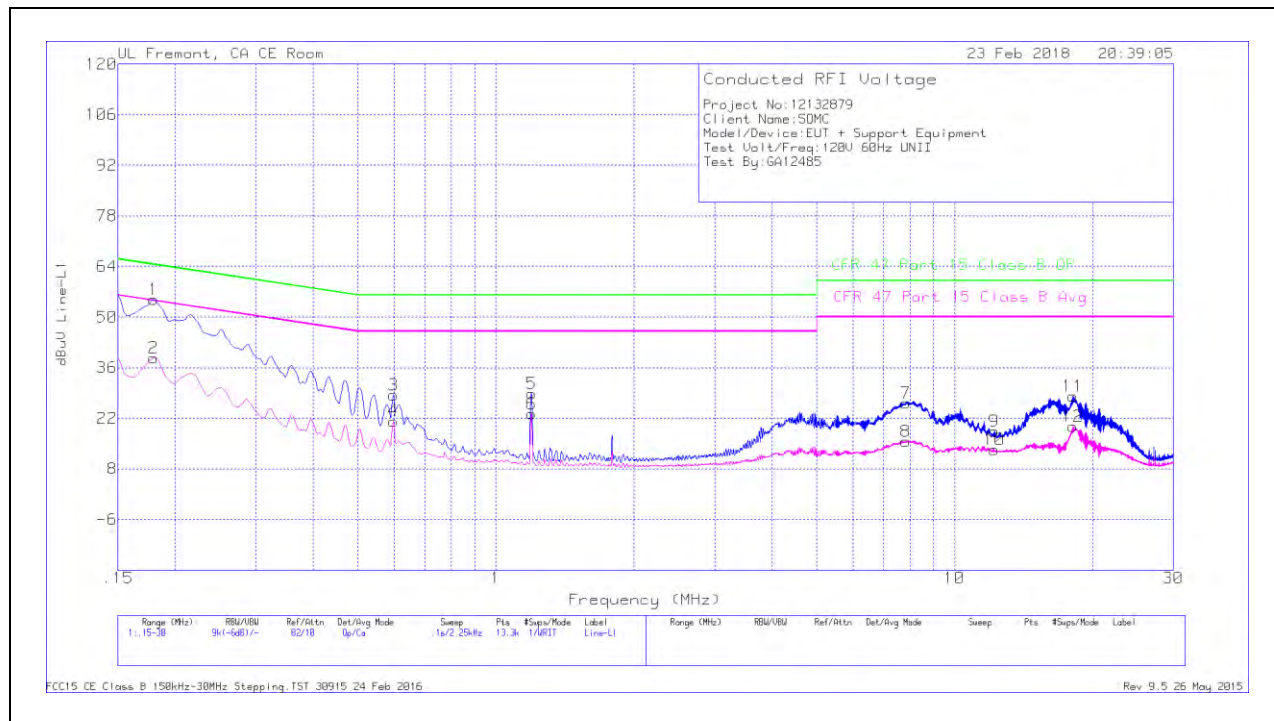
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS



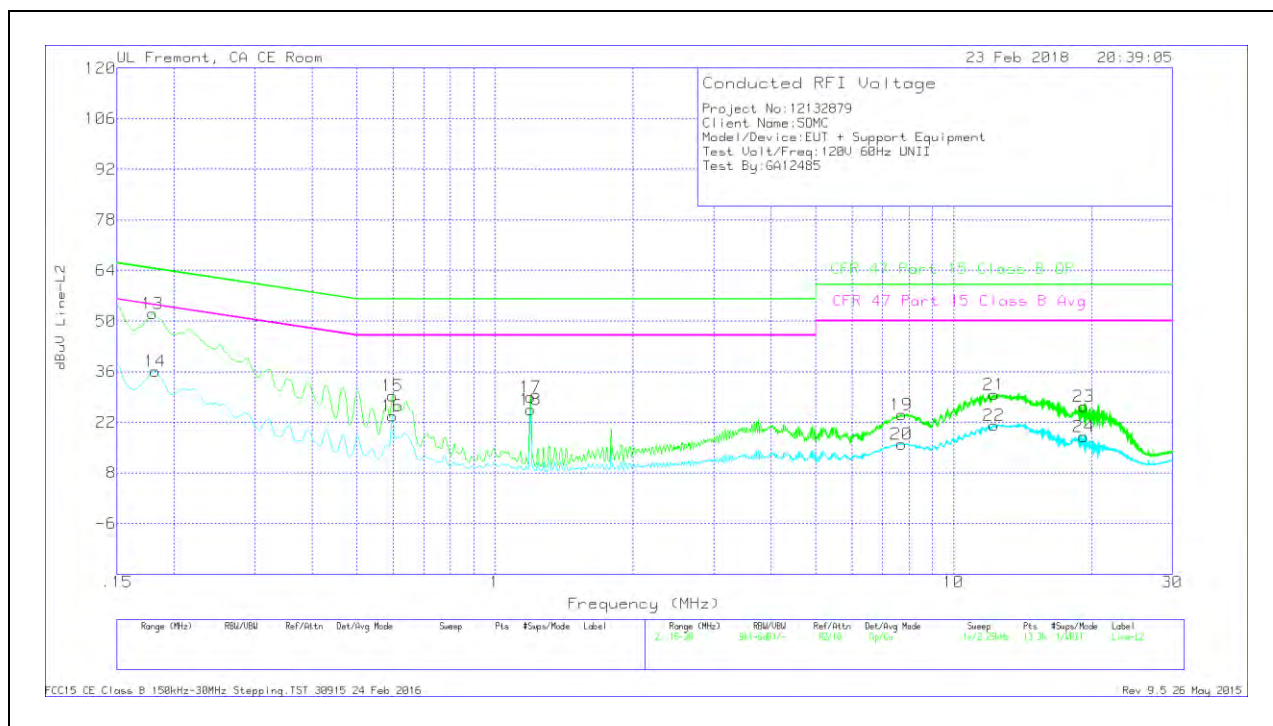
Trace Markers

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	.17925	44.82	Qp	0	0	10.1	54.92	64.52	-9.6	-	-
2	.17925	28.64	Ca	0	0	10.1	38.74	-	-	54.52	-15.78
3	.59775	18.38	Qp	0	0	10.1	28.48	56	-27.52	-	-
4	.59775	11.13	Ca	0	0	10.1	21.23	-	-	46	-24.77
5	1.19625	18.65	Qp	0	.1	10.1	28.85	56	-27.15	-	-
6	1.19625	13.06	Ca	0	.1	10.1	23.26	-	-	46	-22.74
7	7.83825	15.83	Qp	0	.2	10.2	26.23	60	-33.77	-	-
8	7.82813	5.17	Ca	0	.2	10.2	15.57	-	-	50	-34.43
9	12.2055	7.83	Qp	.1	.2	10.2	18.33	60	-41.67	-	-
10	12.2145	2.85	Ca	.1	.2	10.2	13.35	-	-	50	-36.65
11	18.1185	17.56	Qp	0	.3	10.3	28.16	60	-31.84	-	-
12	18.11963	9.19	Ca	0	.3	10.3	19.79	-	-	50	-30.21

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



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	.17925	42.03	Qp	0	0	10.1	52.13	64.52	-12.39	-	-
14	.1815	25.93	Ca	0	0	10.1	36.03	-	-	54.42	-18.39
15	.59775	19.17	Qp	0	0	10.1	29.27	56	-26.73	-	-
16	.59775	13.68	Ca	0	0	10.1	23.78	-	-	46	-22.22
17	1.19625	18.75	Qp	0	.1	10.1	28.95	56	-27.05	-	-
18	1.19625	15.29	Ca	0	.1	10.1	25.49	-	-	46	-20.51
19	7.6965	13.72	Qp	0	.2	10.2	24.12	60	-35.88	-	-
20	7.6965	5.58	Ca	0	.2	10.2	15.98	-	-	50	-34.02
21	12.255	19.24	Qp	.1	.2	10.2	29.74	60	-30.26	-	-
22	12.25275	10.7	Ca	.1	.2	10.2	21.2	-	-	50	-28.8
23	19.22775	15.83	Qp	0	.3	10.3	26.43	60	-33.57	-	-
24	19.23	7.4	Ca	0	.3	10.3	18	-	-	50	-32

Qp - Quasi-Peak detector

Ca - CISPR average detection