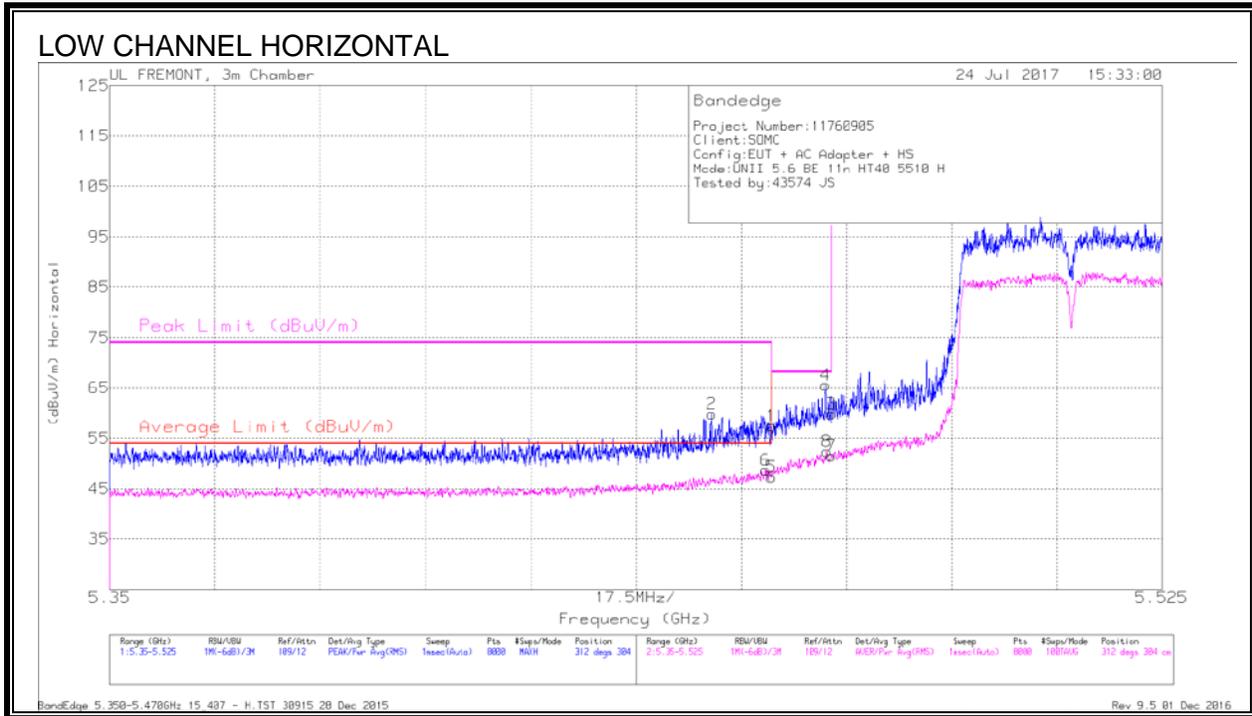


11.1.11.11n HT40 2TX CDD MIMO MODE IN THE 5.6GHz BAND

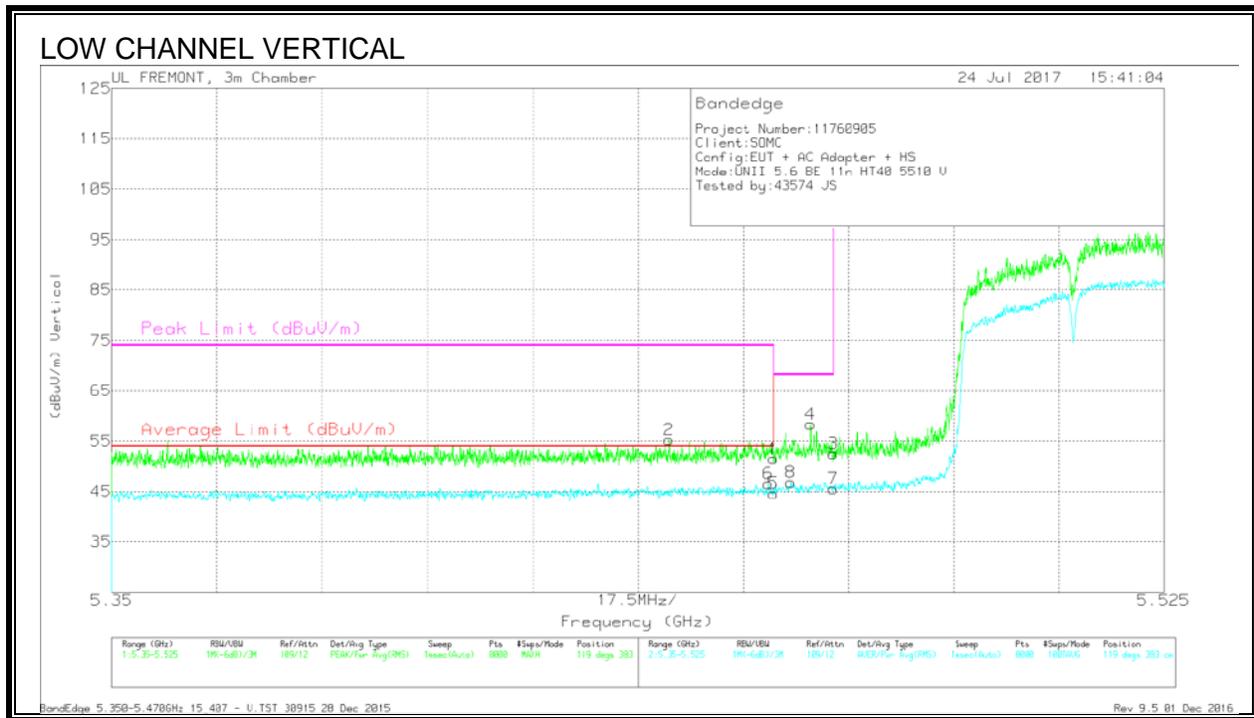
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.45	44.25	Pk	34.5	-18.9	0	59.85	-	-	74	-14.15	312	304	H
6	5.459	32.72	RMS	34.5	-18.9	.39	48.71	54	-5.29	-	-	312	304	H
1	5.46	41.94	Pk	34.5	-18.9	0	57.54	-	-	74	-16.46	312	304	H
5	5.46	31.28	RMS	34.5	-18.9	.39	47.27	54	-6.73	-	-	312	304	H
4	5.469	49.86	Pk	34.5	-18.8	0	65.56	-	-	68.2	-2.64	312	304	H
8	5.469	36.28	RMS	34.5	-18.8	.39	52.37	-	-	-	-	312	304	H
3	5.47	44.28	Pk	34.5	-18.9	0	59.88	-	-	68.2	-8.32	312	304	H
7	5.47	35.53	RMS	34.5	-18.9	.39	51.52	-	-	-	-	312	304	H

Pk - Peak detector
 RMS - RMS detection

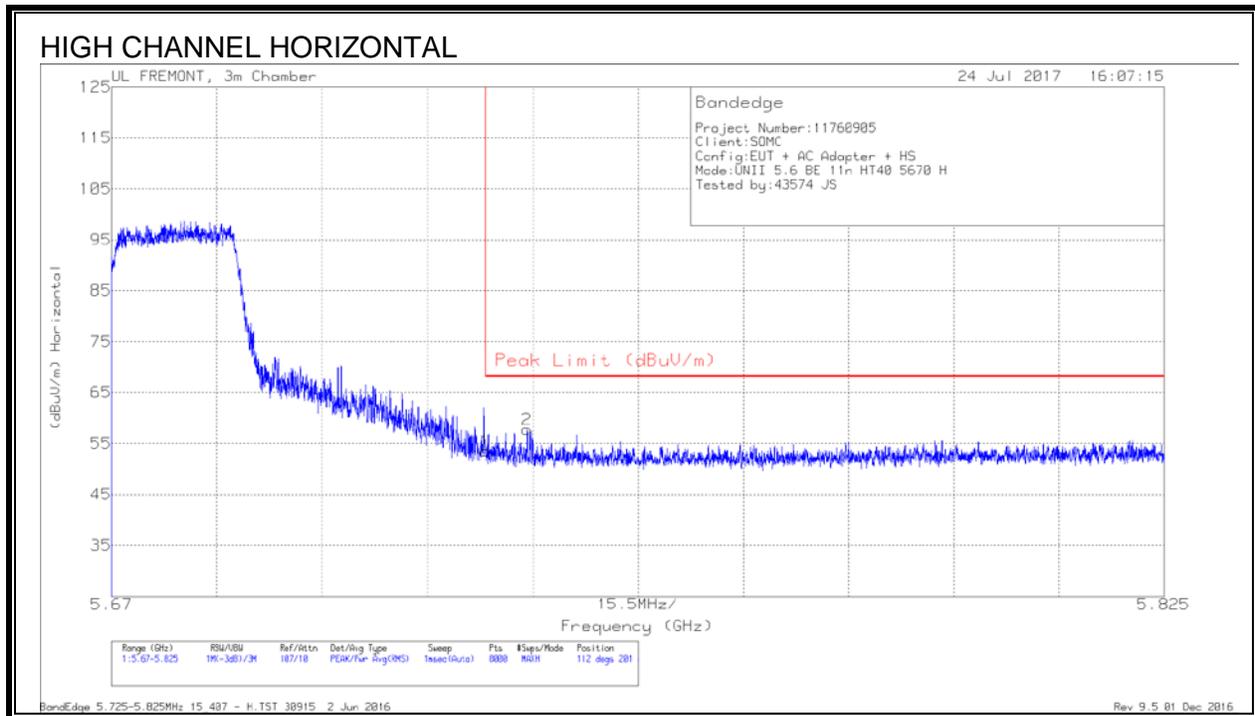


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	5.443	39.79	Pk	34.4	-18.9	0	55.29	-	-	74	-18.71	119	383	V
6	5.459	30.63	RMS	34.5	-18.9	.39	46.62	54	-7.38	-	-	119	383	V
1	5.46	35.96	Pk	34.5	-18.9	0	51.56	-	-	74	-22.44	119	383	V
5	5.46	28.65	RMS	34.5	-18.9	.39	44.64	54	-9.36	-	-	119	383	V
8	5.463	30.71	RMS	34.5	-18.8	.39	46.8	-	-	-	-	119	383	V
4	5.466	42.67	Pk	34.5	-18.8	0	58.37	-	-	68.2	-9.83	119	383	V
3	5.47	36.87	Pk	34.5	-18.9	0	52.47	-	-	68.2	-15.73	119	383	V
7	5.47	29.58	RMS	34.5	-18.9	.39	45.57	-	-	-	-	119	383	V

Pk - Peak detector
 RMS - RMS detection

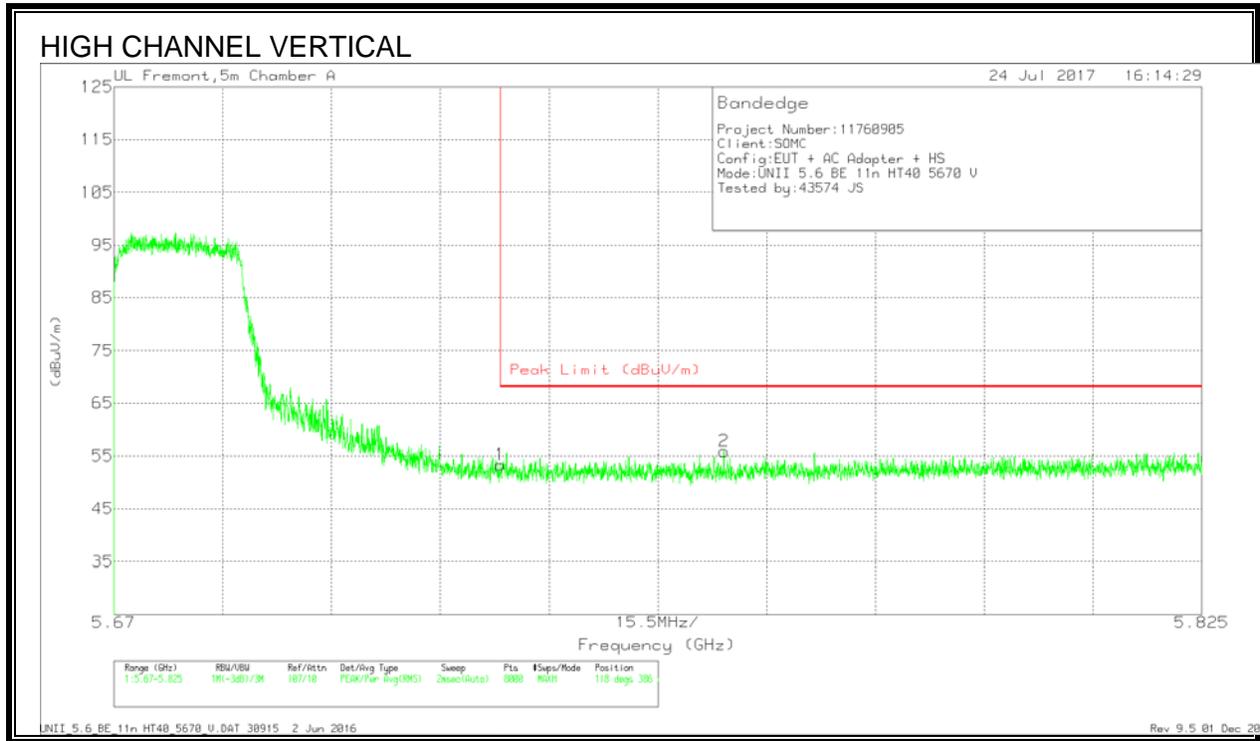
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.73	Pk	34.7	-18.9	0	53.53	68.2	-14.67	112	201	H
2	5.731	41.86	Pk	34.7	-18.8	0	57.76	68.2	-10.44	112	201	H

Pk - Peak detector

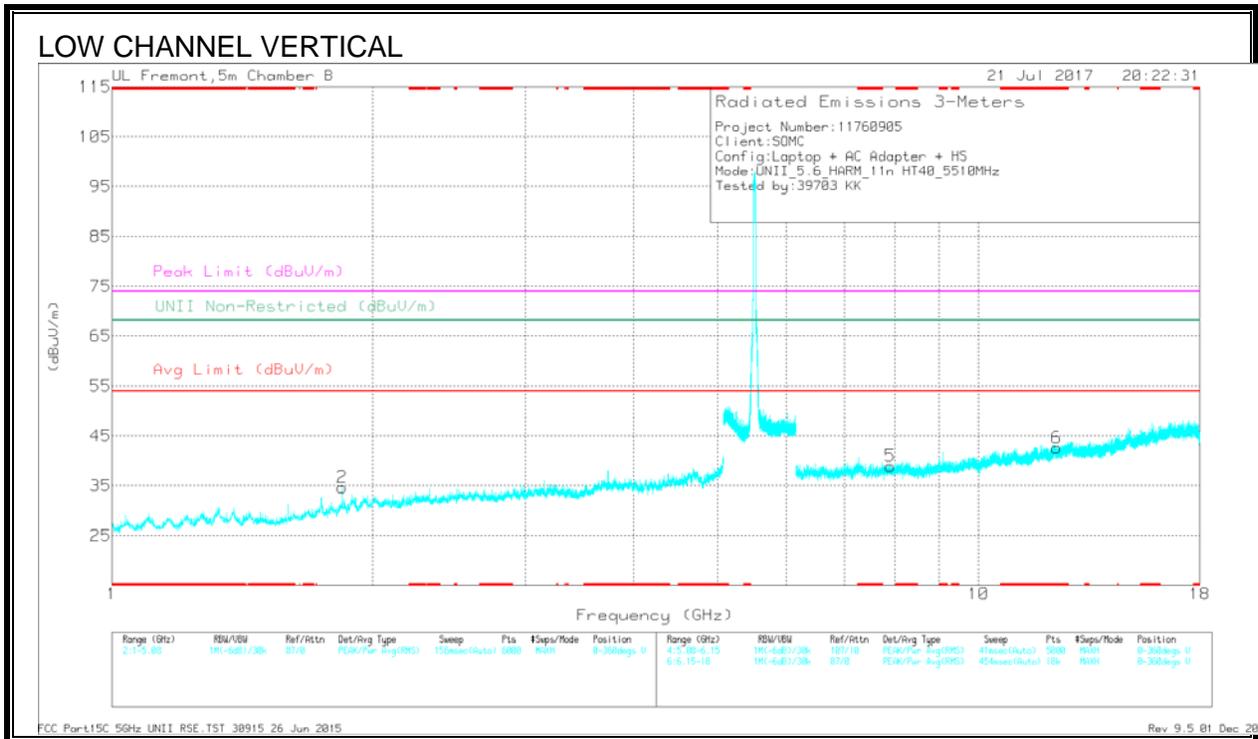
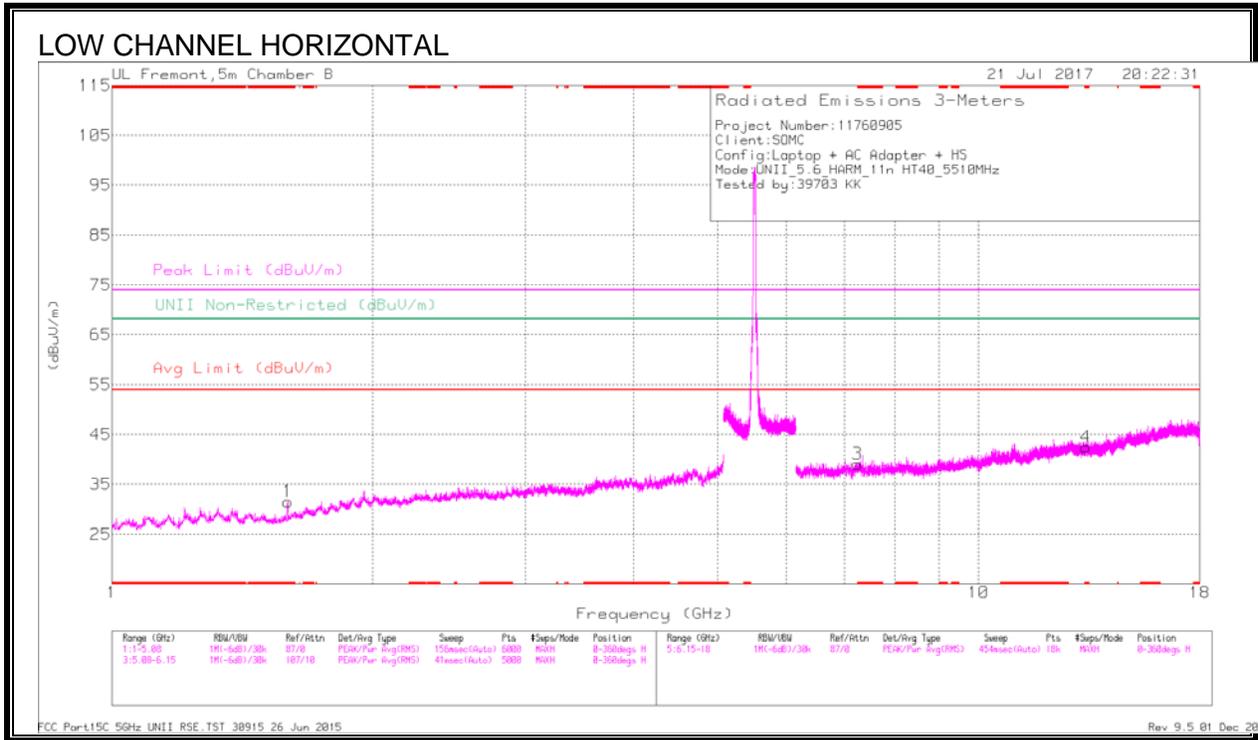


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CbI/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	37.5	Pk	34.7	-18.9	0	53.3	68.2	-14.9	118	386	V
2	5.757	39.98	Pk	34.7	-18.8	0	55.88	68.2	-12.32	118	386	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBER3 (dB/m)	Amp/Cb/Pr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.596	36.6	Pk	28.3	-33.3	0	31.6	-	-	74	-42.4	-	-	0-360	199	H
4	* 13.299	25.59	Pk	39.2	-22.3	0	42.49	-	-	74	-31.51	-	-	0-360	102	H
6	* 12.304	26.32	Pk	39	-22.7	0	42.62	-	-	74	-31.38	-	-	0-360	200	V
2	1.845	37.3	Pk	30.8	-33.4	0	34.7	-	-	-	-	68.2	-33.5	0-360	102	V
3	7.244	28.74	Pk	35.8	-25.5	0	39.04	-	-	-	-	68.2	-29.16	0-360	102	H
5	7.908	29.7	Pk	36	-26.8	0	38.9	-	-	-	-	68.2	-29.3	0-360	102	V

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

Pk - Peak detector

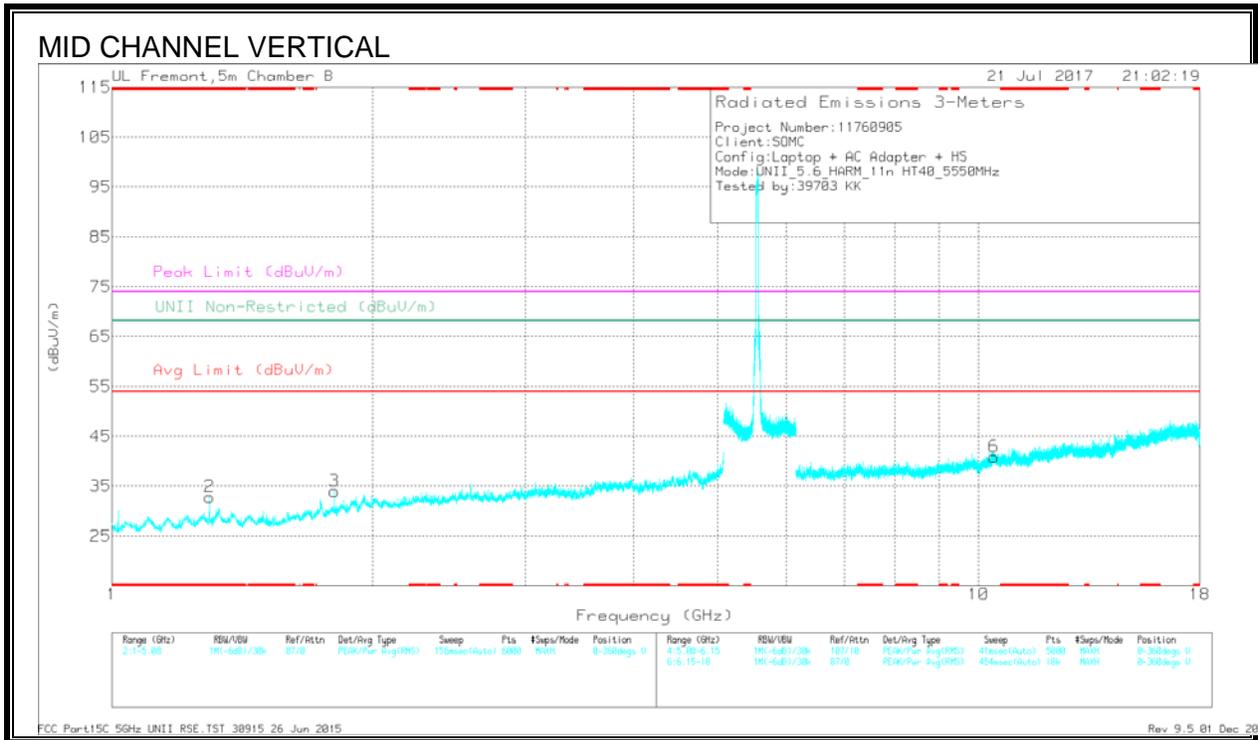
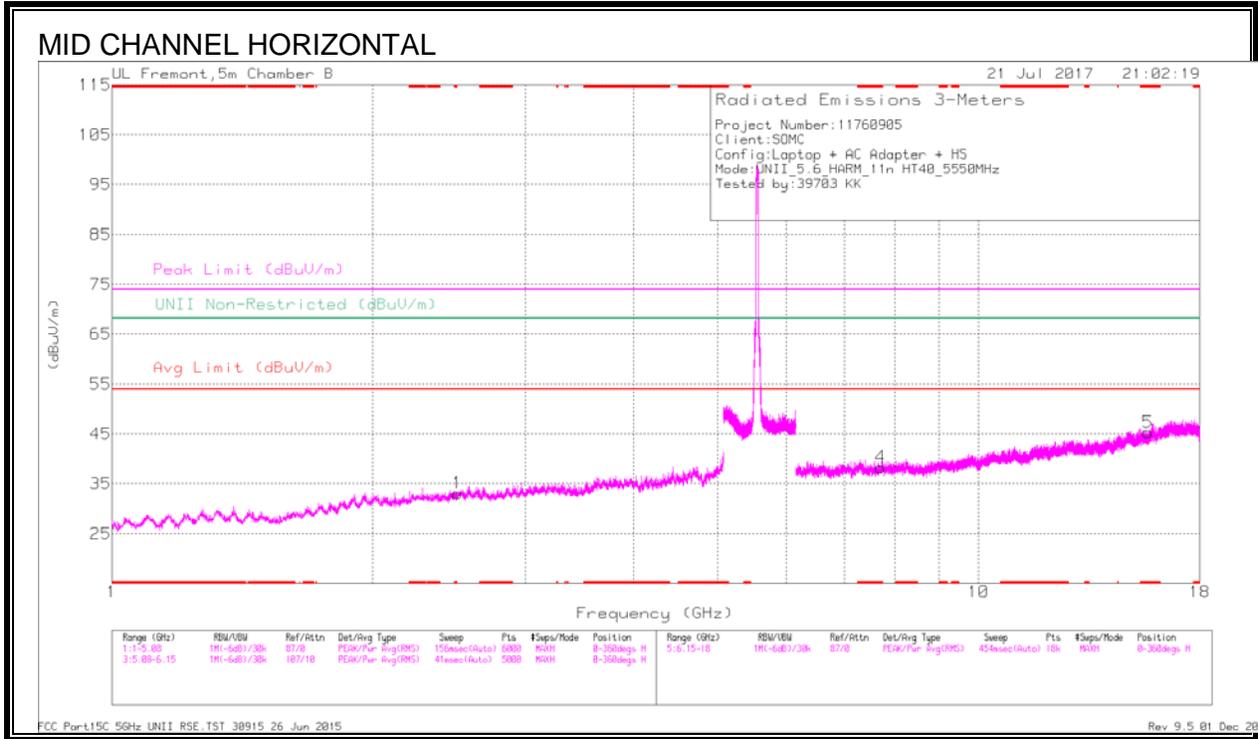
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBER3 (dB/m)	Amp/Cb/Pr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.596	43.09	PK-U	28.3	-33.3	0	38.09	-	-	74	-35.91	-	-	271	199	H
* 1.595	29.26	ADR	28.3	-33.3	.39	24.65	54	-29.35	-	-	-	-	271	199	H
* 13.299	32.75	PK-U	39.2	-22.3	0	49.65	-	-	74	-24.35	-	-	312	104	H
* 13.3	20.53	ADR	39.2	-22.3	.39	37.82	54	-16.18	-	-	-	-	312	104	H
* 12.303	32.9	PK-U	39	-22.7	0	49.2	-	-	74	-24.8	-	-	108	200	V
* 12.303	20.82	ADR	39	-22.7	.39	37.51	54	-16.49	-	-	-	-	108	200	V
1.843	29.4	ADR	30.7	-33.4	.39	27.09	-	-	-	-	-	-	262	104	V
1.846	41.26	PK-U	30.8	-33.3	0	38.76	-	-	-	-	68.2	-29.44	262	104	V
7.244	23.91	ADR	35.8	-25.4	.39	34.7	-	-	-	-	-	-	320	104	H
7.245	35.32	PK-U	35.8	-25.5	0	45.62	-	-	-	-	68.2	-22.58	320	104	H
7.906	24.19	ADR	36	-26.8	.39	33.78	-	-	-	-	-	-	27	104	V
7.907	36.29	PK-U	36	-26.8	0	45.49	-	-	-	-	68.2	-22.71	27	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Cb/Pr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UML Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 1.296	38.1	Pk	28.9	-34.1	0	32.9	-	-	74	-41.1	-	-	0-360	99	V
4	* 7.708	29.26	Pk	36	-27	0	38.26	-	-	74	-35.74	-	-	0-360	199	H
5	* 15.681	25.46	Pk	40.8	-21	0	45.26	-	-	74	-28.74	-	-	0-360	199	H
3	1.807	37.17	Pk	30.3	-33.5	0	33.97	-	-	-	-	68.2	-34.23	0-360	99	V
1	2.504	32.47	Pk	32.6	-32	0	33.07	-	-	-	-	68.2	-35.13	0-360	199	H
6	10.418	25.71	Pk	37.5	-22.3	0	40.91	-	-	-	-	68.2	-27.29	0-360	199	V

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

Pk - Peak detector

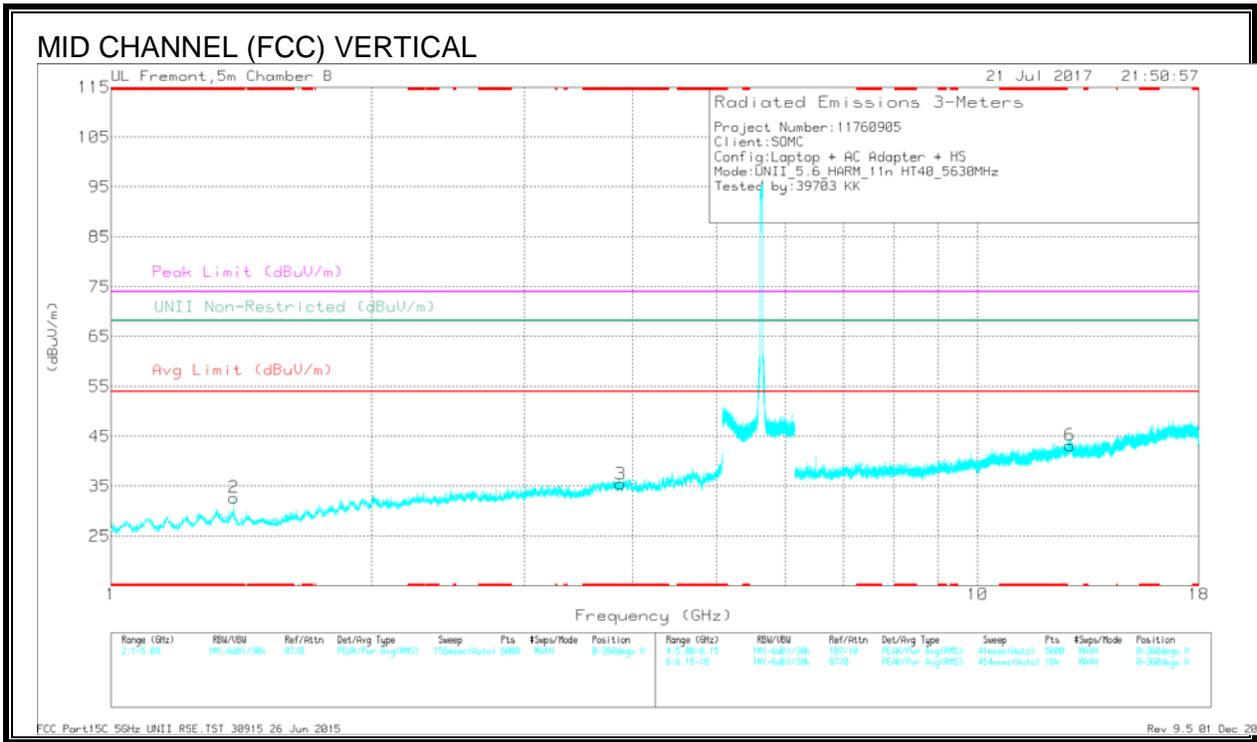
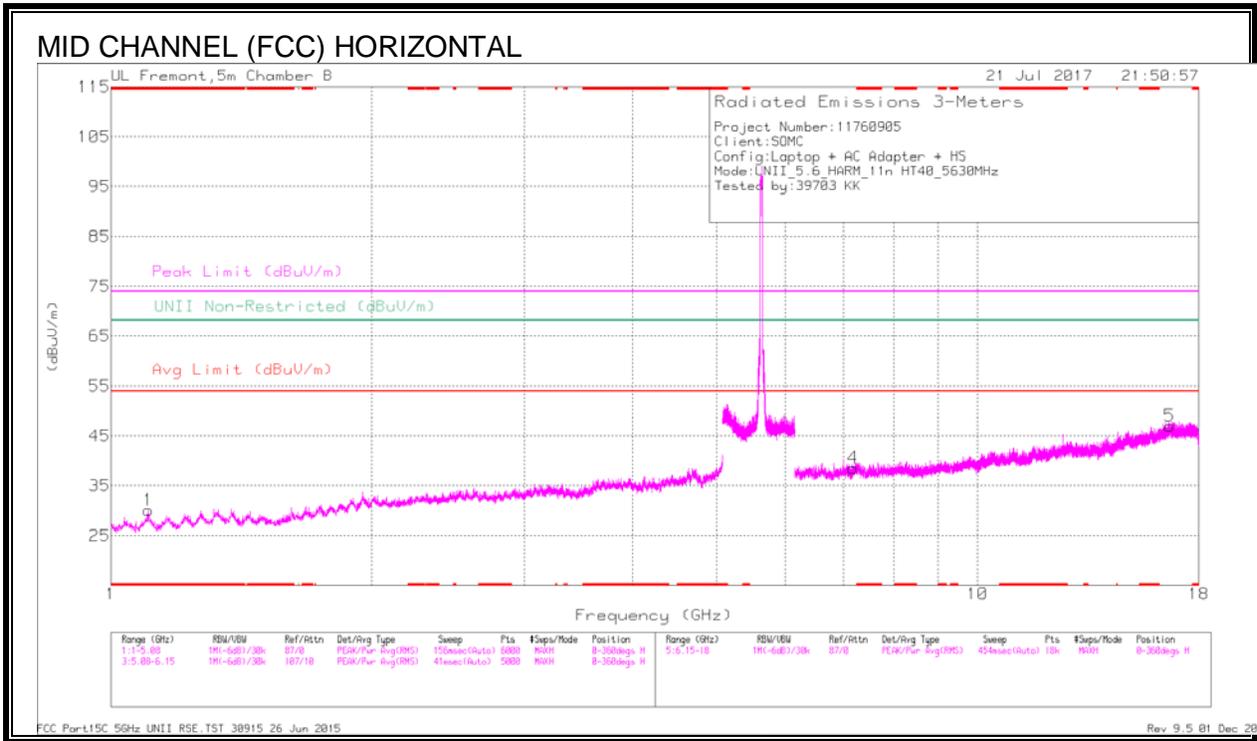
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Cb/Pr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UML Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 1.295	46.8	PK-U	28.9	-34.1	0	41.6	-	-	74	-32.4	-	-	186	102	V
* 1.295	29.07	ADR	28.9	-34.1	-.39	24.26	54	-29.74	-	-	-	-	186	102	V
* 7.709	36.28	PK-U	36	-27	0	45.28	-	-	74	-28.72	-	-	171	199	H
* 7.707	24.35	ADR	36	-27	-.39	33.74	54	-20.26	-	-	-	-	171	199	H
* 15.679	31.95	PK-U	40.8	-21.1	0	51.65	-	-	74	-22.35	-	-	293	199	H
* 15.681	19.79	ADR	40.8	-21	-.39	39.98	54	-14.02	-	-	-	-	293	199	H
1.808	40.43	PK-U	30.3	-33.5	0	37.23	-	-	-	-	68.2	-30.97	215	102	V
1.808	29.11	ADR	30.3	-33.5	-.39	26.3	-	-	-	-	-	-	215	102	V
2.504	27.74	ADR	32.6	-32	-.39	28.73	-	-	-	-	-	-	106	200	H
2.506	39.44	PK-U	32.6	-32	0	40.04	-	-	-	-	68.2	-28.16	106	200	H
10.418	33.22	PK-U	37.5	-22.3	0	48.42	-	-	-	-	68.2	-19.78	280	199	V
10.418	21.21	ADR	37.5	-22.3	-.39	36.8	-	-	-	-	-	-	280	199	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.104	36.4	Pk	27.6	-33.9	0	30.1	-	-	74	-43.9	-	-	0-360	99	H
2	* 1.386	37.63	Pk	28.4	-33.3	0	32.73	-	-	74	-41.27	-	-	0-360	102	V
3	* 3.872	32.54	Pk	33.5	-30.6	0	35.44	-	-	74	-38.56	-	-	0-360	200	V
4	7.188	29.71	Pk	35.8	-26.9	0	38.61	-	-	-	-	68.2	-29.59	0-360	199	H
6	12.779	25.17	Pk	39.4	-21.4	0	43.17	-	-	-	-	68.2	-25.03	0-360	200	V
5	16.653	24.26	Pk	42.2	-19.5	0	46.96	-	-	-	-	68.2	-21.24	0-360	102	H

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

Pk - Peak detector

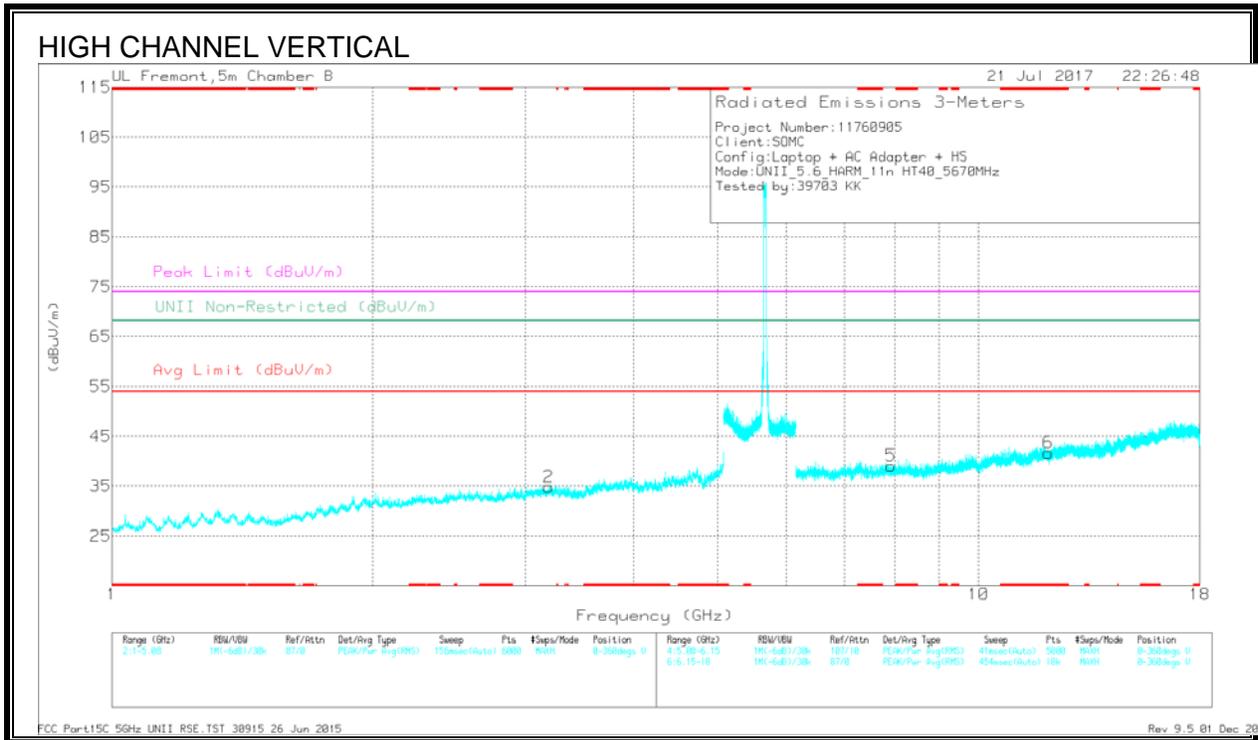
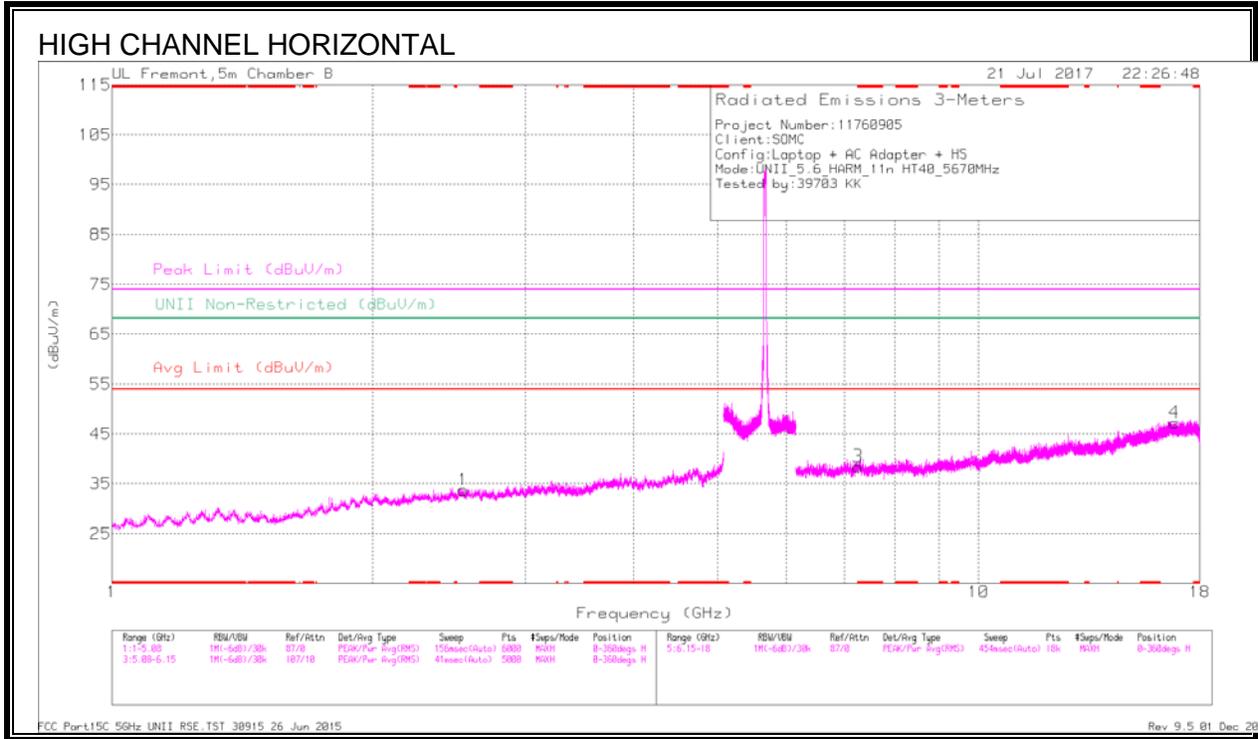
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 1.103	41.75	PK-U	27.6	-33.9	0	35.45	-	-	74	-38.55	-	-	119	102	H
* 1.102	30.31	ADR	27.7	-33.9	.39	24.5	54	-29.5	-	-	-	-	119	102	H
* 1.385	41.57	PK-U	28.4	-33.3	0	36.67	-	-	74	-37.33	-	-	128	102	V
* 1.385	29.76	ADR	28.4	-33.3	.39	25.25	54	-28.75	-	-	-	-	128	102	V
* 3.872	39.77	PK-U	33.5	-30.6	0	42.67	-	-	74	-31.33	-	-	216	200	V
* 3.872	28.31	ADR	33.5	-30.6	.39	31.6	54	-22.4	-	-	-	-	216	200	V
7.19	36.82	PK-U	35.8	-26.9	0	45.72	-	-	-	-	68.2	-22.48	25	200	H
7.19	24.46	ADR	35.8	-26.9	.39	33.75	-	-	-	-	-	-	25	200	H
12.778	32.56	PK-U	39.4	-21.4	0	50.56	-	-	-	-	68.2	-17.64	145	199	V
12.778	20.19	ADR	39.4	-21.4	.39	38.58	-	-	-	-	-	-	145	199	V
16.654	30.25	PK-U	42.2	-19.5	0	52.95	-	-	-	-	68.2	-15.25	81	104	H
16.654	18.07	ADR	42.2	-19.5	.39	41.16	-	-	-	-	-	-	81	104	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF TWR3 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
3	* 7.262	28.19	Pk	35.8	-25.5	0	38.49	-	-	74	-35.51	-	-	0-360	199	H
6	* 12.035	25.96	Pk	38.8	-23.1	0	41.66	-	-	74	-32.34	-	-	0-360	200	V
1	2.544	32.94	Pk	32.5	-31.7	0	33.74	-	-	-	-	68.2	-34.46	0-360	199	H
2	3.19	32.37	Pk	33	-30.6	0	34.77	-	-	-	-	68.2	-33.43	0-360	200	V
5	7.927	28.2	Pk	36	-25.1	0	39.1	-	-	-	-	68.2	-29.1	0-360	102	V
4	16.826	23.93	Pk	42.3	-19	0	47.23	-	-	-	-	68.2	-20.97	0-360	102	H

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

Pk - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TWR3 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.26	35.5	PK-U	35.8	-25.7	0	45.6	-	-	74	-28.4	-	-	47	200	H
* 7.261	23.19	ADR	35.8	-25.6	.39	33.78	54	-20.22	-	-	-	-	47	200	H
* 12.034	32.6	PK-U	38.8	-23.1	0	48.3	-	-	74	-25.7	-	-	59	200	V
* 12.035	20.74	ADR	38.8	-23.1	.39	36.83	54	-17.17	-	-	-	-	59	200	V
2.544	39.35	PK-U	32.5	-31.7	0	40.15	-	-	-	-	68.2	-28.05	145	200	H
2.545	27.28	ADR	32.5	-31.7	.39	28.47	-	-	-	-	-	-	145	200	H
3.191	39.12	PK-U	33	-30.6	0	41.52	-	-	-	-	68.2	-26.68	158	200	V
3.191	27.51	ADR	33	-30.6	.39	30.3	-	-	-	-	-	-	158	200	V
7.928	34.91	PK-U	36	-25.1	0	45.81	-	-	-	-	68.2	-22.39	235	104	V
7.929	23.22	ADR	36	-25.3	.39	34.31	-	-	-	-	-	-	235	104	V
16.825	30.2	PK-U	42.3	-18.8	0	53.7	-	-	-	-	68.2	-14.5	243	104	H
16.827	17.44	ADR	42.3	-19	.39	41.13	-	-	-	-	-	-	243	104	H

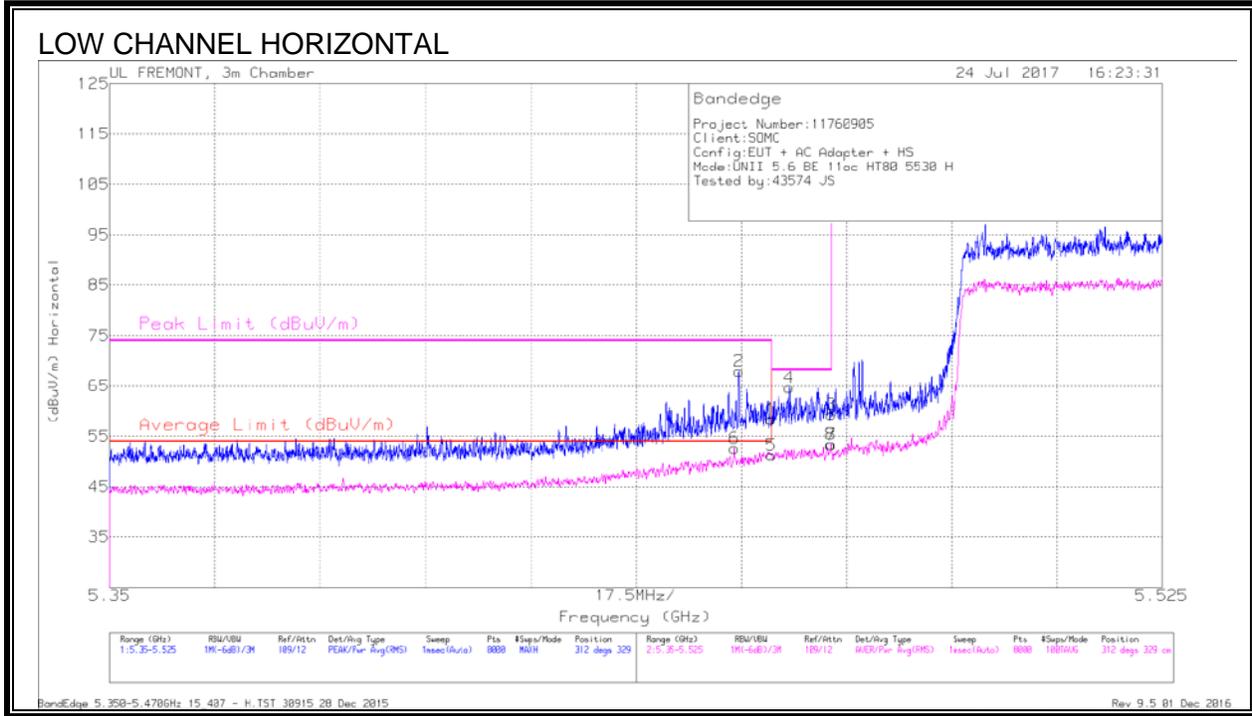
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.12.11ac VHT80 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

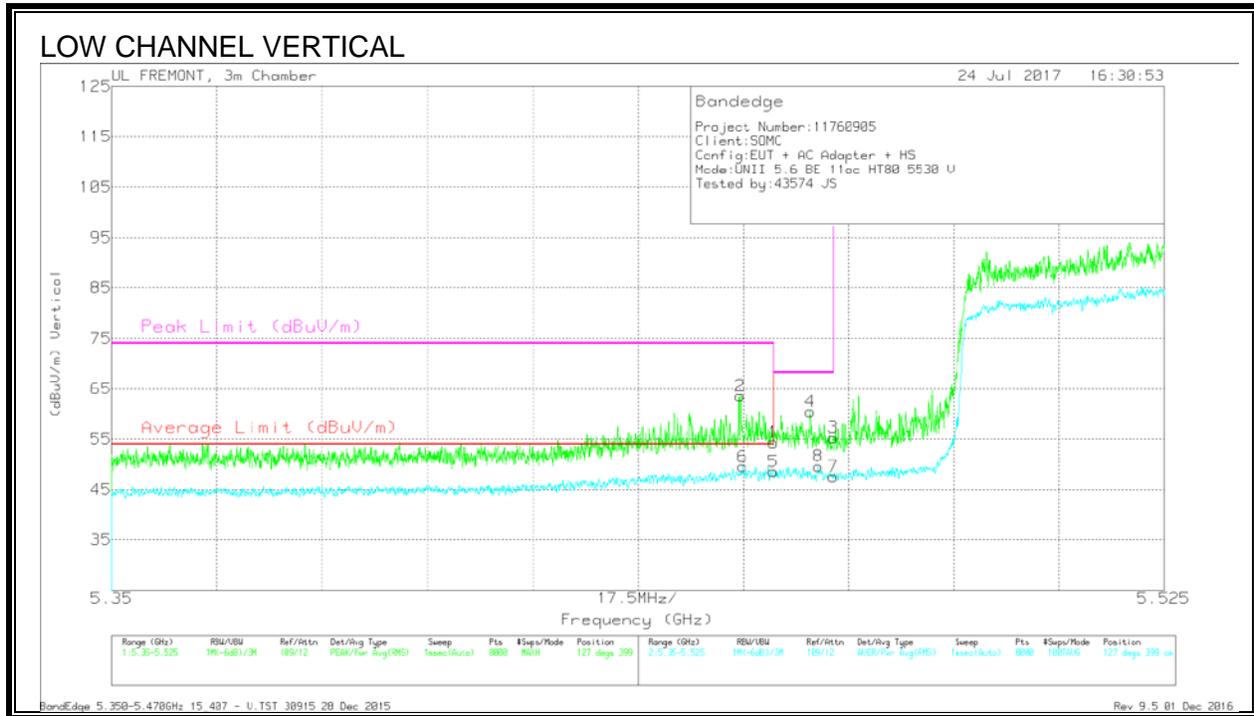
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT12 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	5.454	36.39	RMS	34.5	-18.9	.71	52.7	54	-1.3	-	-	312	329	H
2	5.455	52.3	Pk	34.5	-18.9	0	67.9	-	-	74	-6.1	312	329	H
1	5.46	42.82	Pk	34.5	-18.9	0	58.42	-	-	74	-15.58	312	329	H
5	5.46	34.94	RMS	34.5	-18.9	.71	51.25	54	-2.75	-	-	312	329	H
4	5.463	48.95	Pk	34.5	-18.8	0	64.65	-	-	68.2	-3.55	312	329	H
3	5.47	43.77	Pk	34.5	-18.9	0	59.37	-	-	68.2	-8.83	312	329	H
7	5.47	37.07	RMS	34.5	-18.9	.71	53.38	-	-	-	-	312	329	H
8	5.47	37.11	RMS	34.5	-18.9	.71	53.42	-	-	-	-	312	329	H

Pk - Peak detector
 RMS - RMS detection

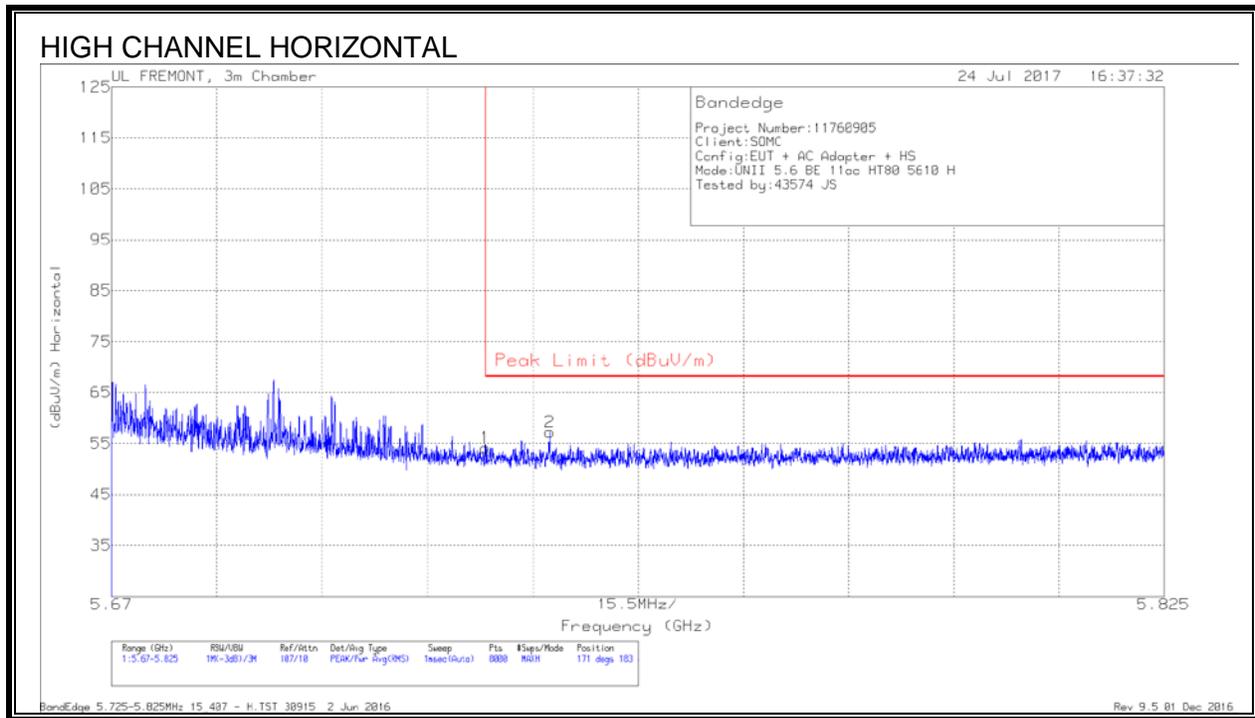


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	5.455	48.02	Pk	34.5	-18.9	0	63.62	-	-	74	-10.38	127	399	V
6	5.455	33.21	RMS	34.5	-18.9	.71	49.52	54	-4.48	-	-	127	399	V
1	5.46	38.73	Pk	34.5	-18.9	0	54.33	-	-	74	-19.67	127	399	V
5	5.46	32.28	RMS	34.5	-18.9	.71	48.59	54	-5.41	-	-	127	399	V
4	5.466	44.88	Pk	34.5	-18.9	0	60.48	-	-	68.2	-7.72	127	399	V
8	5.468	33.2	RMS	34.5	-18.8	.71	49.61	-	-	-	-	127	399	V
3	5.47	39.72	Pk	34.5	-18.9	0	55.32	-	-	68.2	-12.88	127	399	V
7	5.47	31.21	RMS	34.5	-18.9	.71	47.52	-	-	-	-	127	399	V

Pk - Peak detector
 RMS - RMS detection

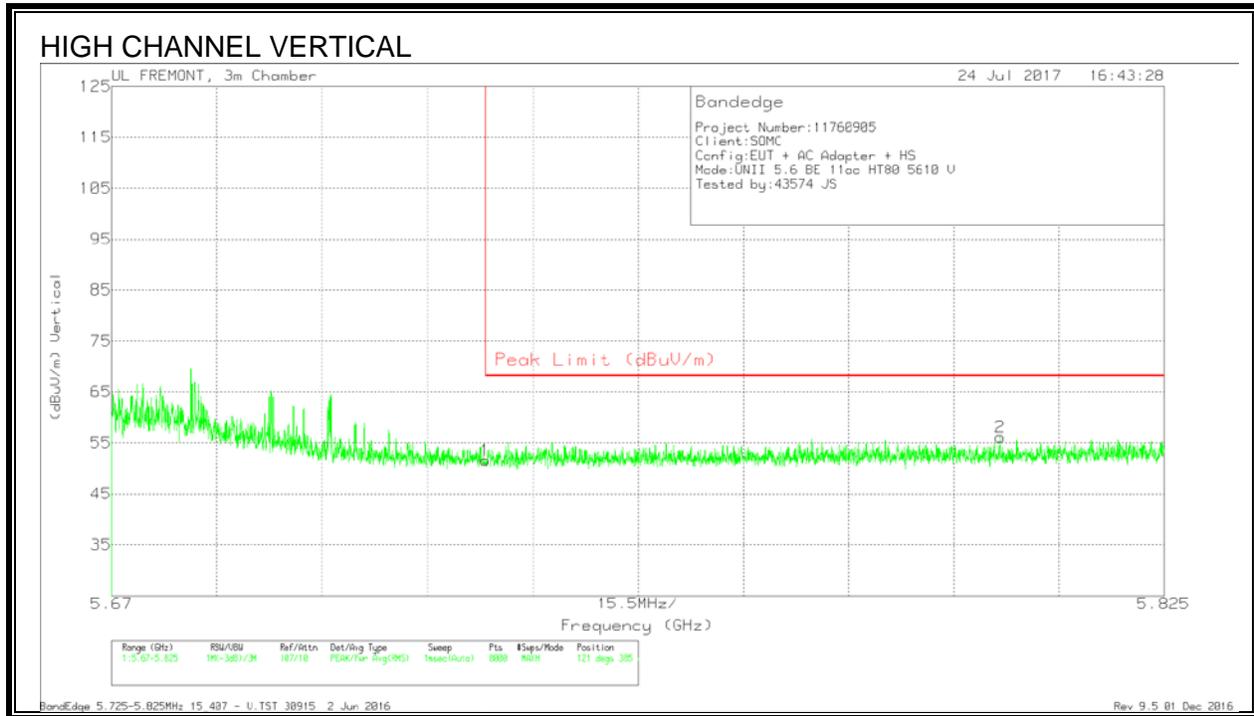
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.33	Pk	34.7	-18.9	0	54.13	68.2	-14.07	171	183	H
2	5.735	41.34	Pk	34.7	-18.8	0	57.24	68.2	-10.96	171	183	H

Pk - Peak detector

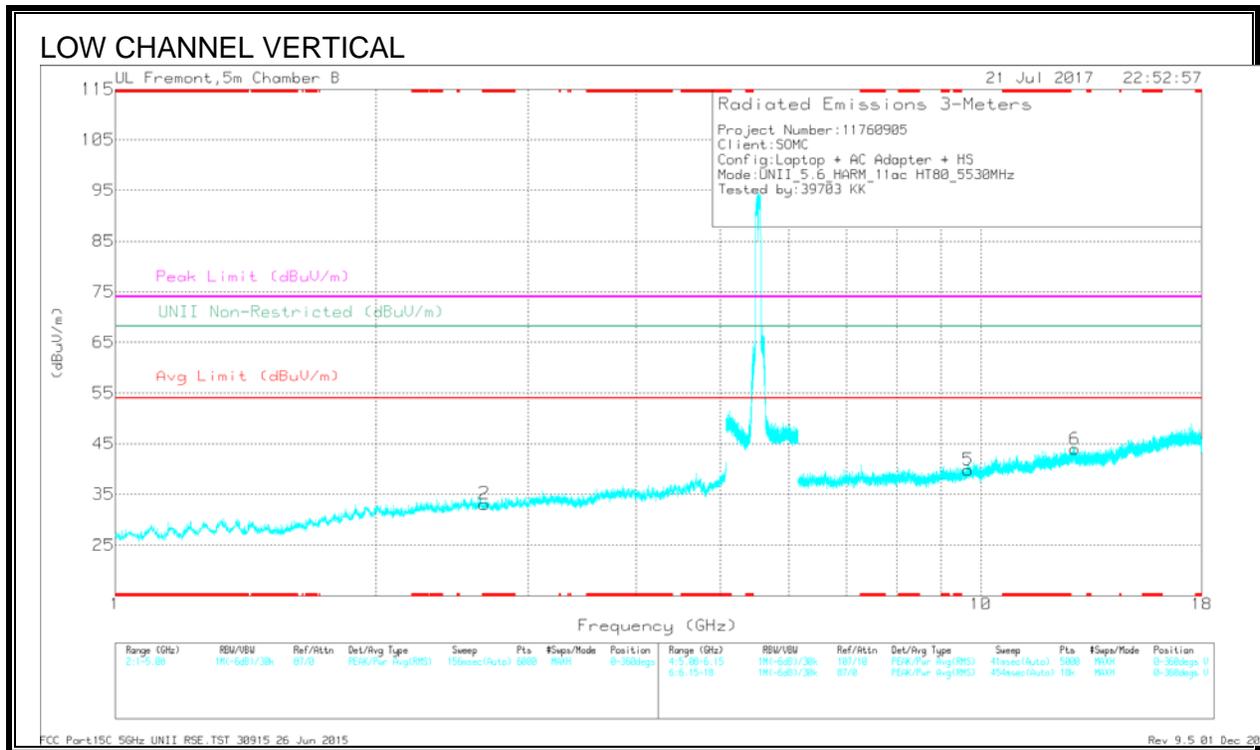
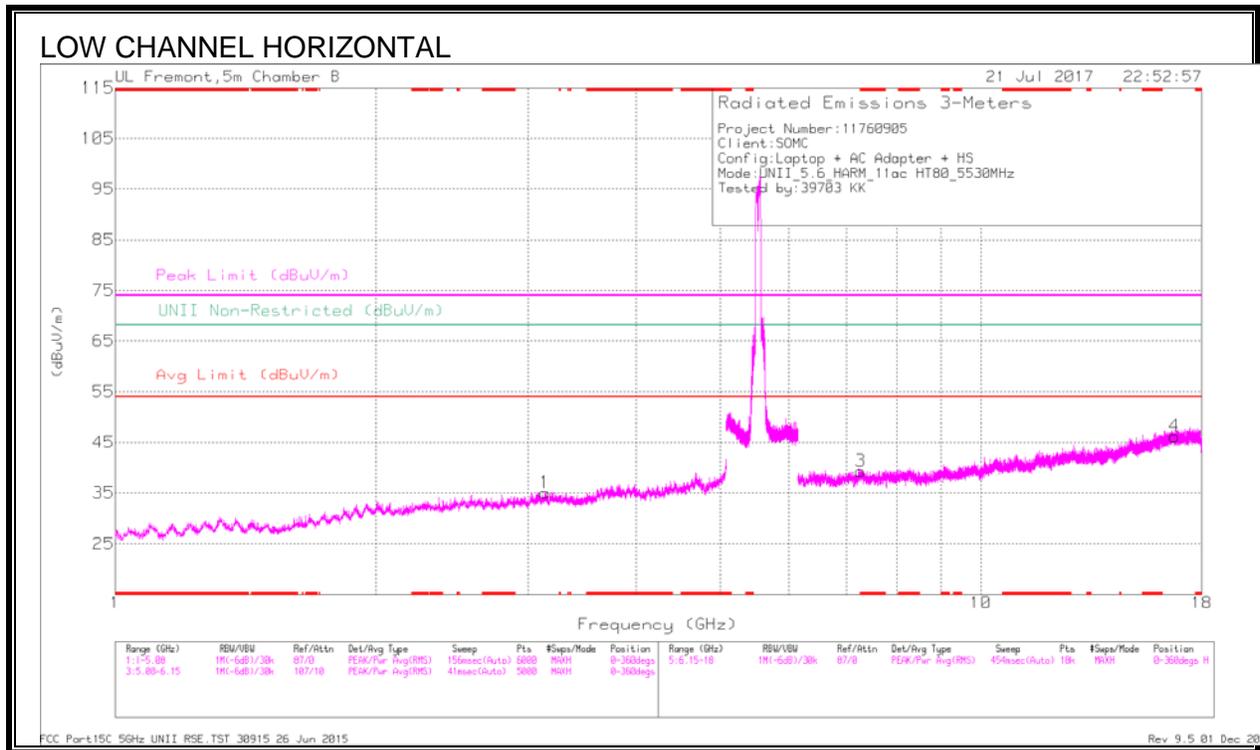


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	35.77	Pk	34.7	-18.9	0	51.57	68.2	-16.63	121	385	V
2	5.801	39.92	Pk	34.8	-18.6	0	56.12	68.2	-12.08	121	385	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Cou/Fbr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 2.67	32.41	Pk	32.4	-31.7	0	33.11	-	-	74	-40.89	-	-	0-360	199	V
3	* 7.263	28.95	Pk	35.8	-25.4	0	39.35	-	-	74	-34.65	-	-	0-360	199	H
1	3.139	33.13	Pk	33	-31.1	0	35.03	-	-	-	-	68.2	-33.17	0-360	199	H
5	9.666	26.96	Pk	36.9	-24	0	39.86	-	-	-	-	68.2	-28.34	0-360	102	V
6	12.845	26.91	Pk	39.4	-22.4	0	43.91	-	-	-	-	68.2	-24.29	0-360	102	V
4	16.741	23.6	Pk	42.3	-19.7	0	46.2	-	-	-	-	68.2	-22	0-360	102	H

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

Pk - Peak detector

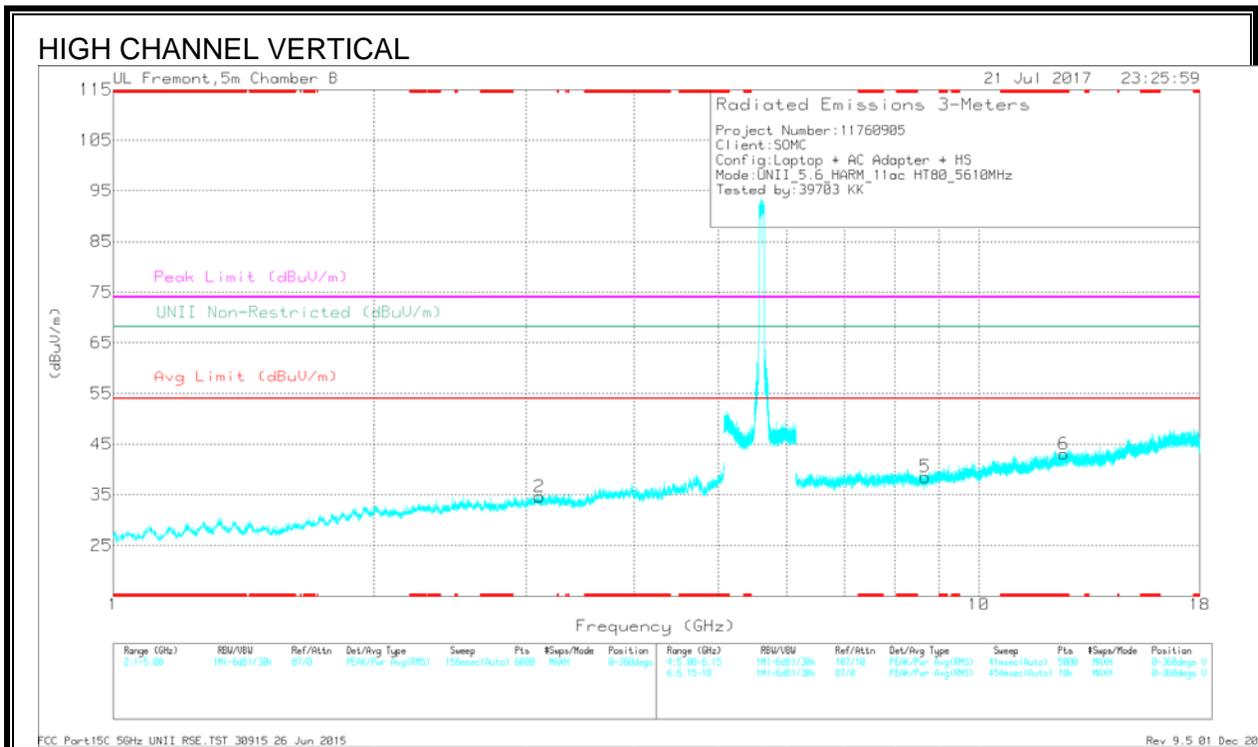
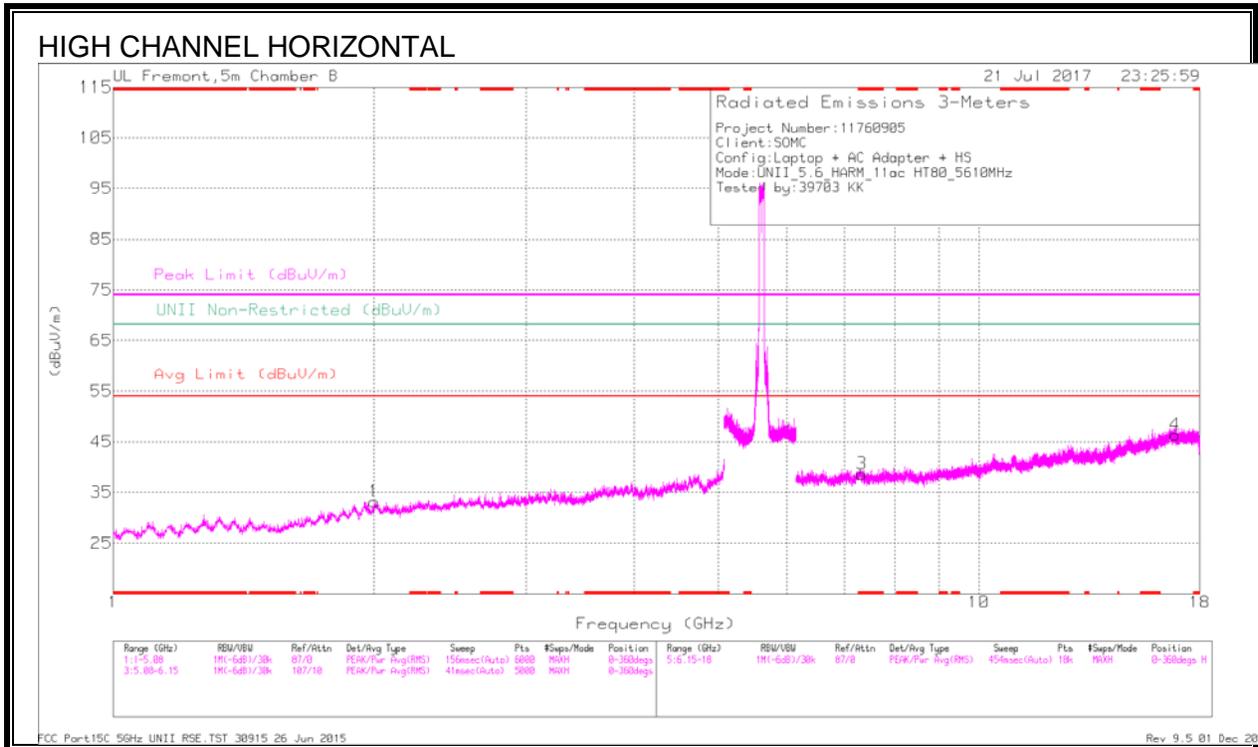
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Cou/Fbr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 2.67	39.13	PK-U	32.4	-31.7	0	39.83	-	-	74	-34.17	-	-	150	199	V
* 2.672	27.71	ADR	32.4	-31.7	.71	29.12	54	-24.88	-	-	-	-	150	199	V
* 7.263	35.47	PK-U	35.8	-25.4	0	45.87	-	-	74	-28.13	-	-	202	199	H
* 7.261	23.09	ADR	35.8	-25.6	.71	34	54	-20	-	-	-	-	202	199	H
3.138	27.88	ADR	33	-31.1	.71	30.49	-	-	-	-	-	-	80	199	H
3.14	39.53	PK-U	33	-31.2	0	41.33	-	-	-	-	68.2	-26.87	80	199	H
9.664	33.93	PK-U	36.9	-23.9	0	46.93	-	-	-	-	68.2	-21.27	121	104	V
9.664	21.8	ADR	36.9	-23.9	.71	35.51	-	-	-	-	-	-	121	104	V
12.843	33.21	PK-U	39.4	-22.3	0	50.31	-	-	-	-	68.2	-17.89	132	104	V
12.845	20.71	ADR	39.4	-22.4	.71	38.42	-	-	-	-	-	-	132	104	V
16.739	31.3	PK-U	42.3	-19.7	0	53.9	-	-	-	-	68.2	-14.3	218	104	H
16.739	18.43	ADR	42.3	-19.7	.71	41.74	-	-	-	-	-	-	218	104	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Cb/Ftr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 7.328	29.26	Pk	35.9	-26.5	0	38.66	-	-	74	-35.34	-	-	0-360	199	H
6	* 12.538	25.83	Pk	39.2	-22	0	43.03	-	-	74	-30.97	-	-	0-360	102	V
1	2.003	33.97	Pk	31.3	-32.1	0	33.17	-	-	-	-	68.2	-35.03	0-360	199	H
2	3.108	33	Pk	33.2	-31.6	0	34.6	-	-	-	-	68.2	-33.6	0-360	200	V
5	8.677	28.13	Pk	36.1	-25.7	0	38.53	-	-	-	-	68.2	-29.67	0-360	102	V
4	16.856	23.36	Pk	42.3	-19.3	0	46.36	-	-	-	-	68.2	-21.84	0-360	102	H

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

Pk - Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBE3 (dB/m)	Amp/Cb/Ftr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.33	36.72	PK-U	35.9	-26.5	0	46.12	-	-	74	-27.88	-	-	46	199	H
* 7.327	23.81	ADR	35.9	-26.6	.71	33.82	54	-20.18	-	-	-	-	46	199	H
* 12.538	32.66	PK-U	39.2	-22	0	49.86	-	-	74	-24.14	-	-	171	104	V
* 12.54	20.52	ADR	39.2	-22.1	.71	38.33	54	-15.67	-	-	-	-	171	104	V
2.002	28.61	ADR	31.3	-32.1	.71	28.52	-	-	-	-	-	-	15	199	H
2.004	40.32	PK-U	31.3	-32.1	0	39.52	-	-	-	-	68.2	-28.68	15	199	H
3.108	39.23	PK-U	33.2	-31.7	0	40.73	-	-	-	-	68.2	-27.47	141	199	V
3.11	27.74	ADR	33.2	-31.7	.71	29.95	-	-	-	-	-	-	141	199	V
8.676	23.26	ADR	36.1	-25.7	.71	34.37	-	-	-	-	-	-	132	104	V
8.678	35.11	PK-U	36.1	-25.7	0	45.51	-	-	-	-	68.2	-22.69	132	104	V
16.856	18.1	ADR	42.3	-19.4	.71	41.71	-	-	-	-	-	-	54	104	H
16.858	31.33	PK-U	42.3	-19.3	0	54.33	-	-	-	-	68.2	-13.87	54	104	H

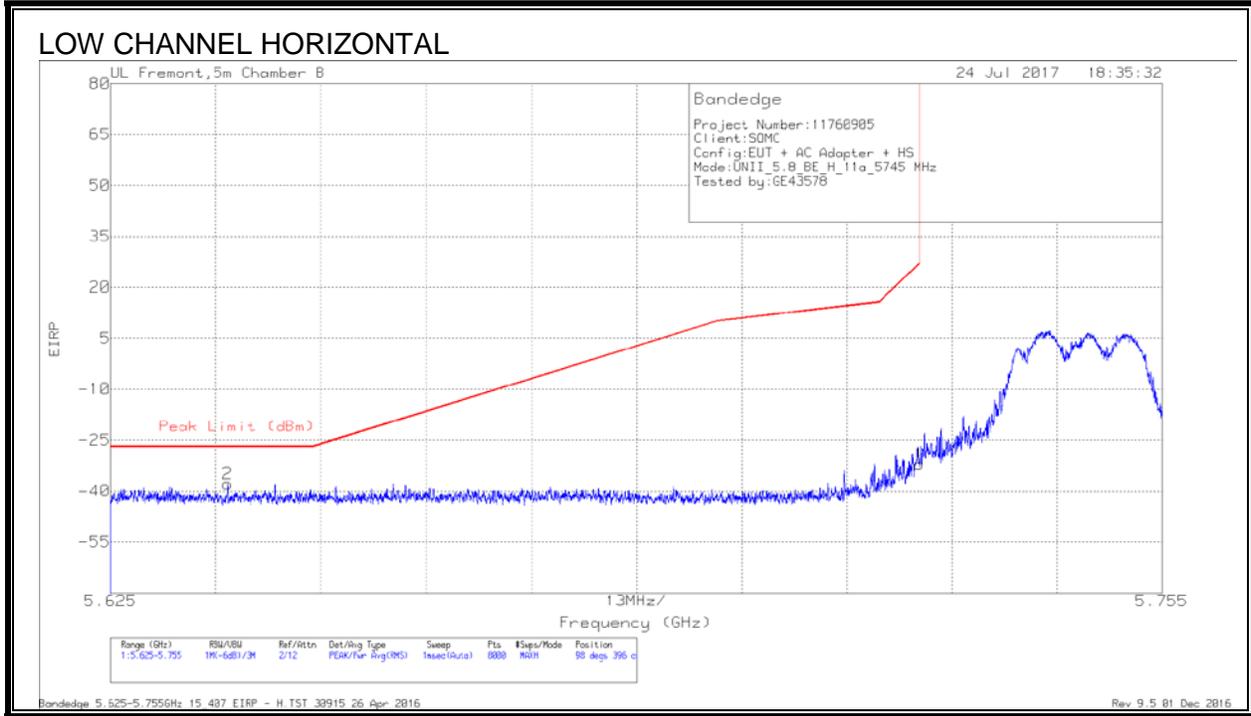
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.1.13.11a 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

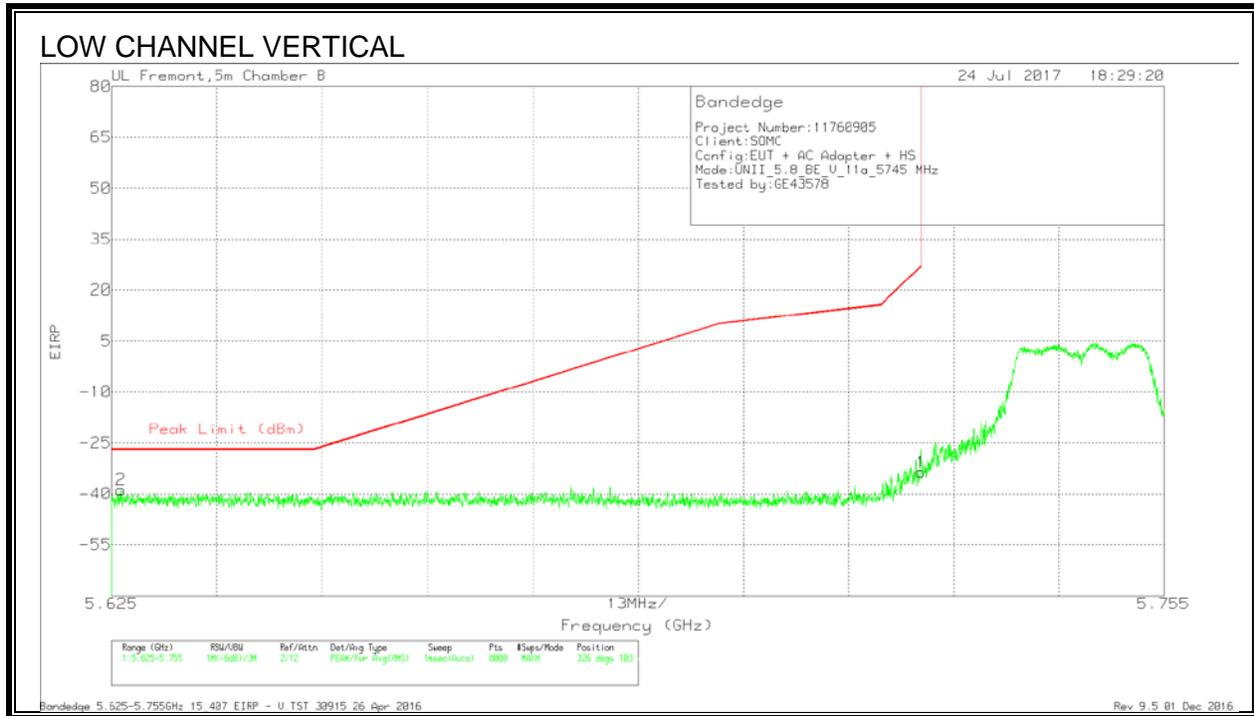
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639	-65.3	Pk	35.3	-19.6	11.8	-37.8	-27	-10.8	98	396	H
1	5.725	-59.37	Pk	35	-19.5	11.8	-32.07	27	-59.07	98	396	H

Pk - Peak detector

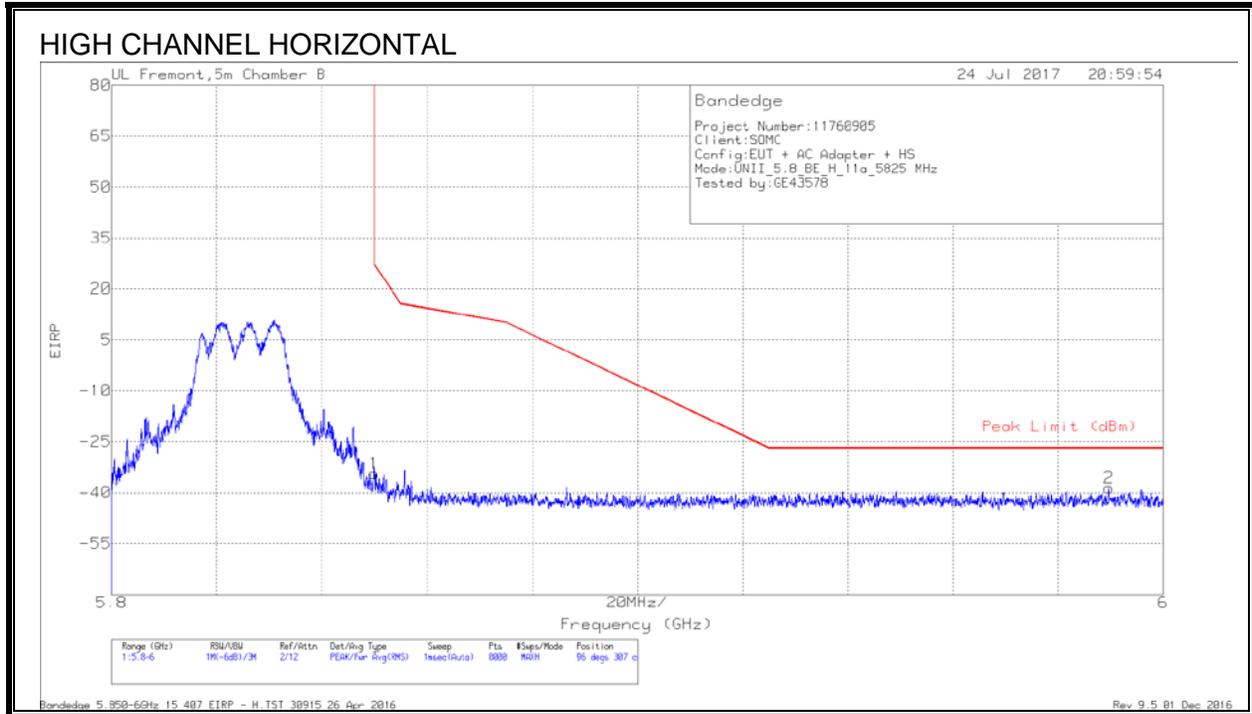


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.626	-66.67	Pk	35.3	-19.2	11.8	-38.77	-27	-11.77	326	103	V
1	5.725	-60.87	Pk	35	-19.5	11.8	-33.57	27	-60.57	326	103	V

Pk - Peak detector

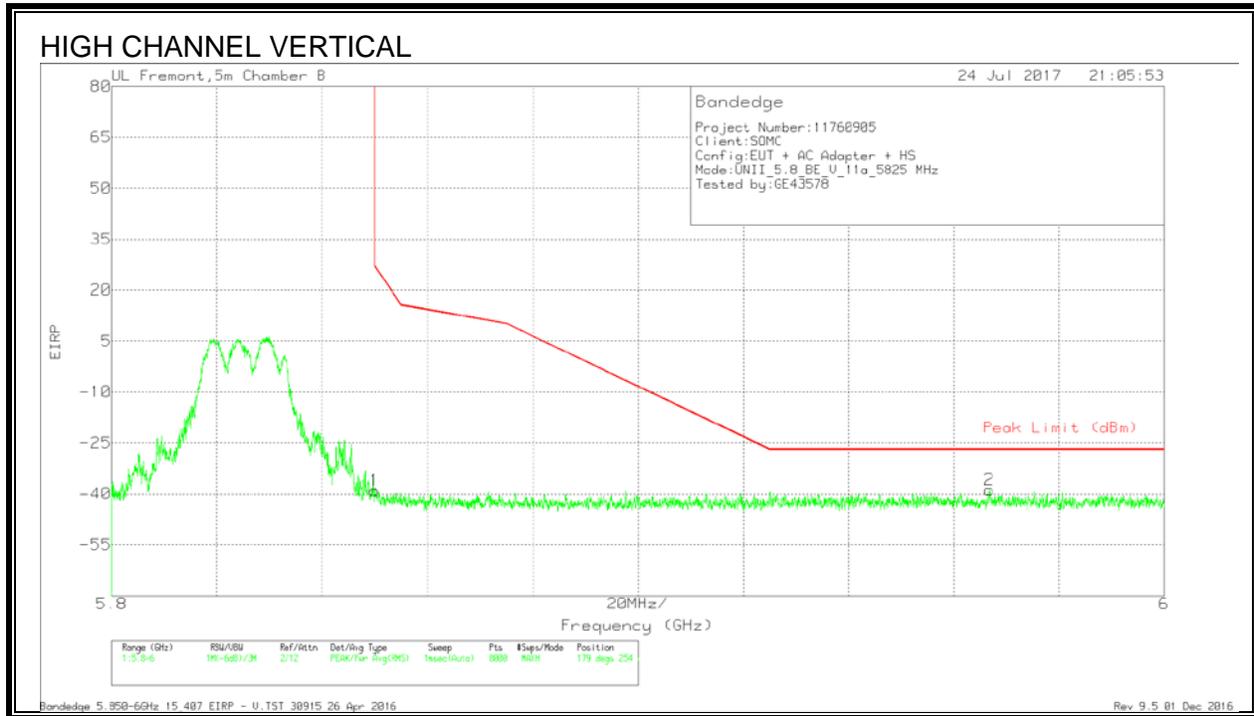
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.91	Pk	35.1	-19.3	11.8	-34.31	26.99	-61.3	96	307	H
2	5.99	-67	Pk	35.3	-18.7	11.8	-38.6	-27	-11.6	96	307	H

Pk - Peak detector

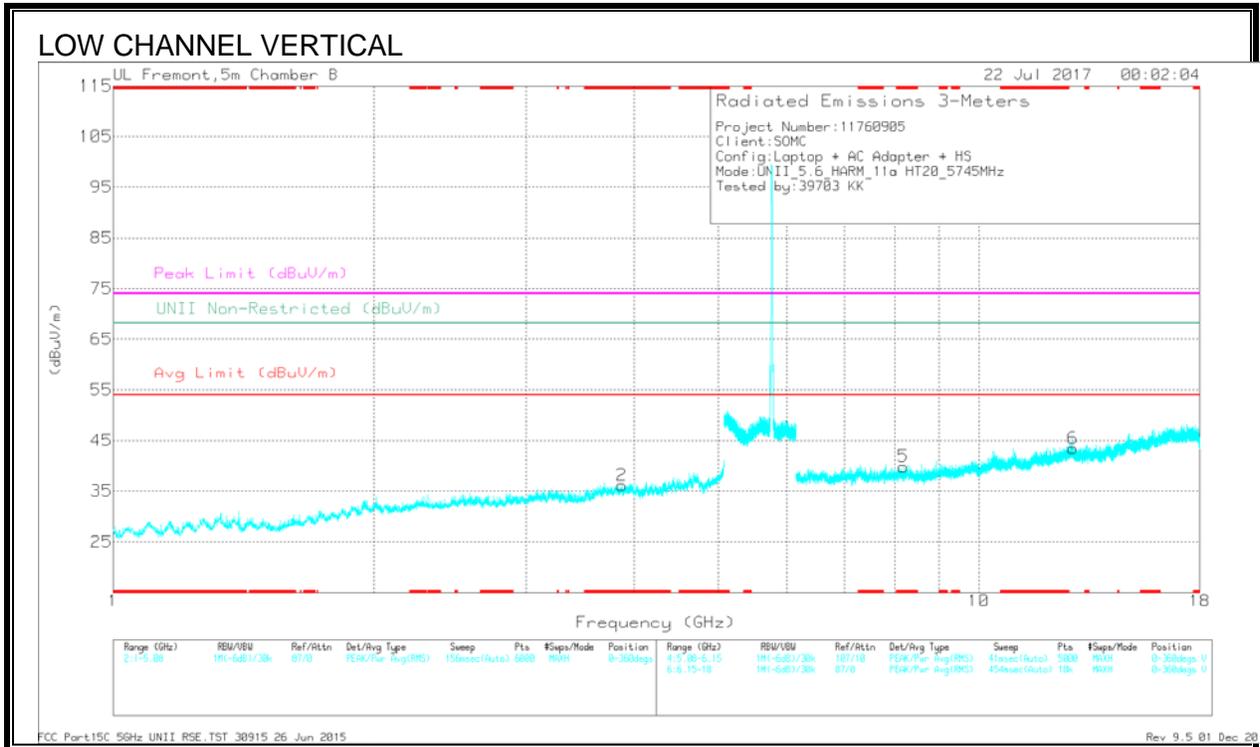
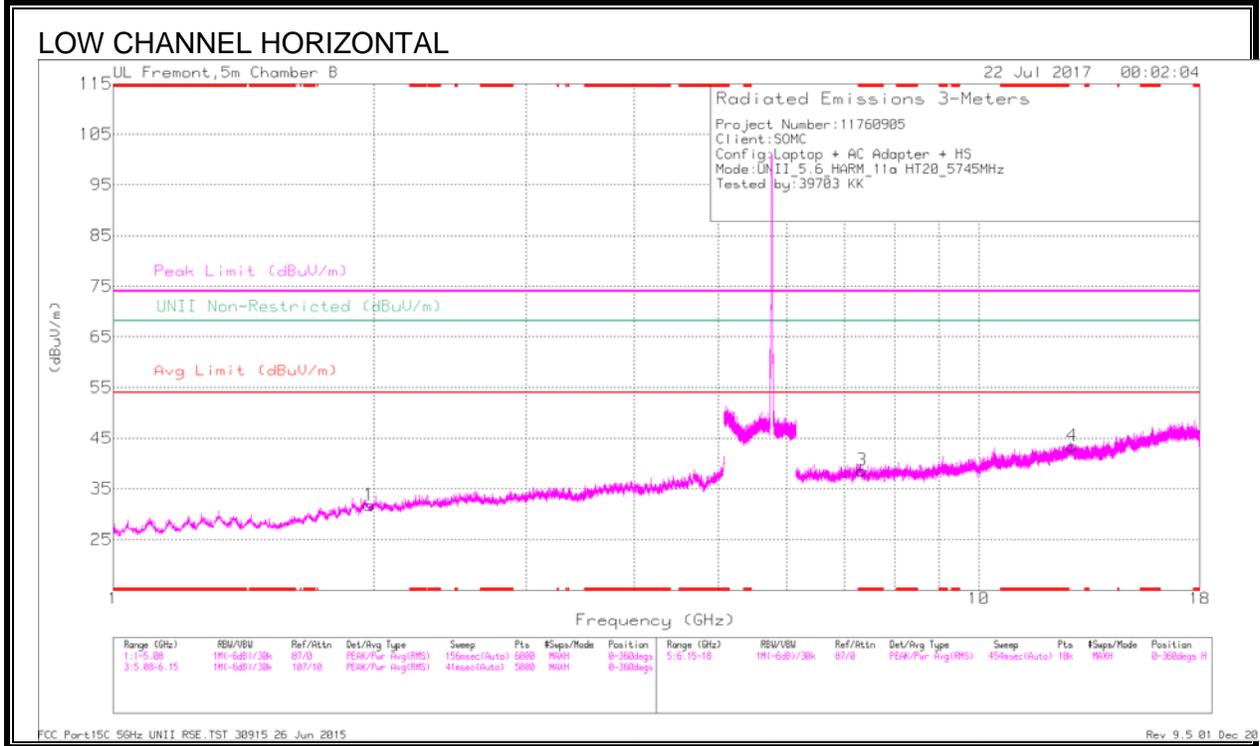


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.61	Pk	35.1	-19.3	11.8	-39.01	26.99	-66	179	254	V
2	5.967	-66.87	Pk	35.3	-19	11.8	-38.77	-27	-11.77	179	254	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 3.869	33.25	Pk	33.5	-30.6	0	36.15	-	-	74	-37.85	-	-	0-360	200	V
3	* 7.327	29.33	Pk	35.9	-26.6	0	38.63	-	-	74	-35.37	-	-	0-360	102	H
5	* 8.182	30.74	Pk	36	-26.9	0	39.84	-	-	74	-34.16	-	-	0-360	200	V
1	1.976	32.49	Pk	31.2	-31.9	0	31.79	-	-	-	-	68.2	-36.41	0-360	102	H
4	12.822	26.07	Pk	39.4	-22	0	43.47	-	-	-	-	68.2	-24.73	0-360	199	H
6	12.845	26.42	Pk	39.4	-22.4	0	43.42	-	-	-	-	68.2	-24.78	0-360	200	V

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

Pk - Peak detector

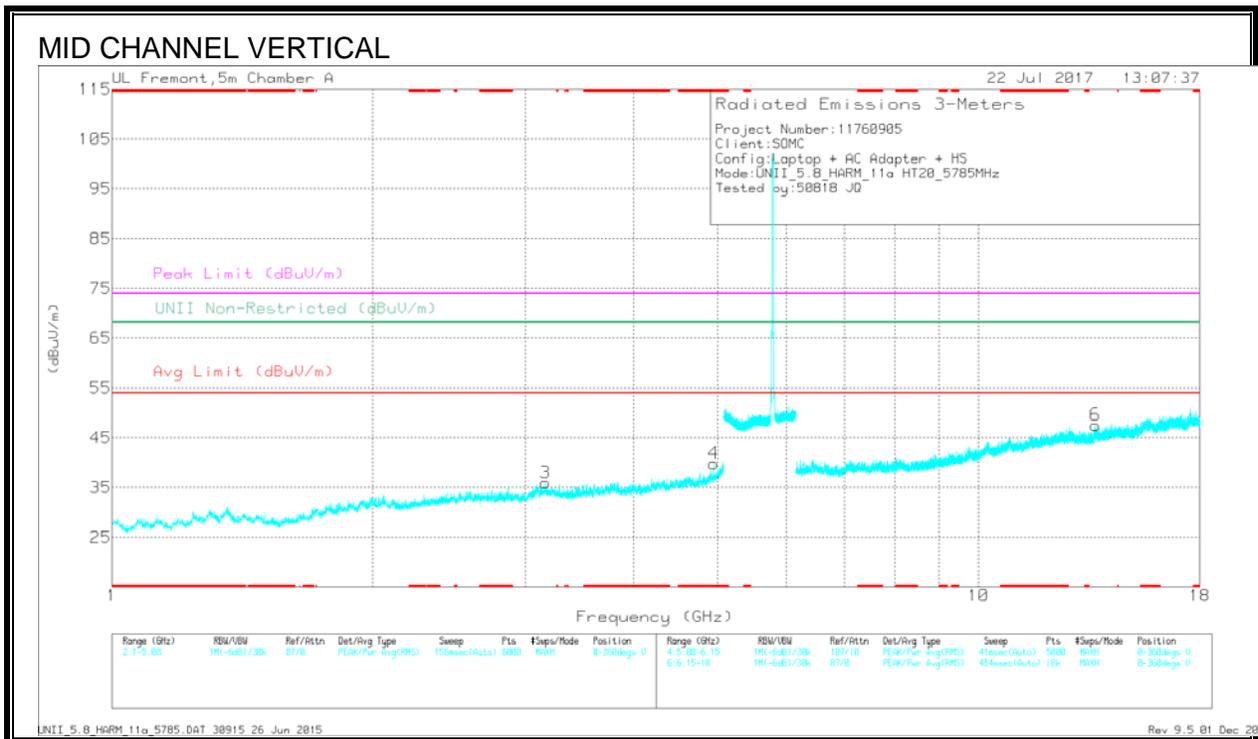
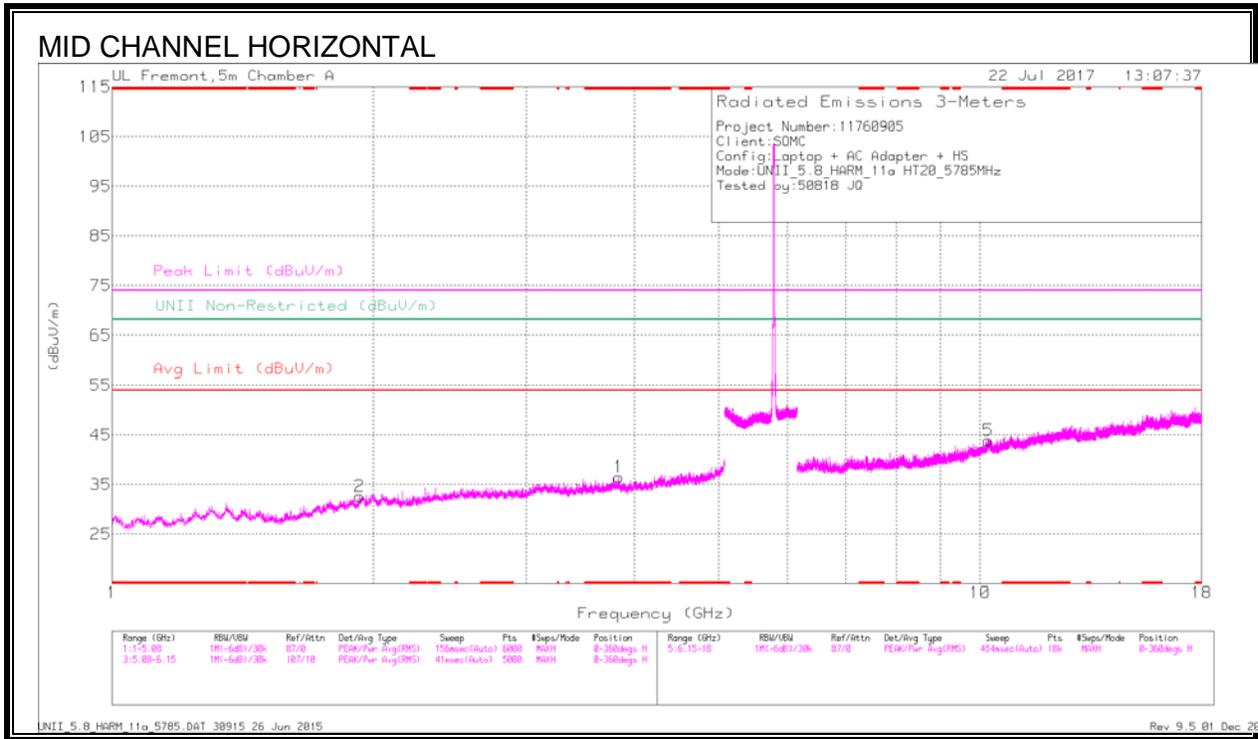
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T83 (dB/m)	Amp/Ch/Flt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 3.867	39.61	PK-U	33.5	-30.5	0	42.61	-	-	74	-31.39	-	-	200	200	V
* 3.868	28.27	ADR	33.5	-30.6	.24	31.41	54	-22.59	-	-	-	-	200	200	V
* 7.328	36.64	PK-U	35.9	-26.5	0	46.04	-	-	74	-27.96	-	-	306	104	H
* 7.327	23.89	ADR	35.9	-26.6	.24	33.43	54	-20.57	-	-	-	-	306	104	H
* 8.184	36.03	PK-U	36	-26.9	0	45.13	-	-	74	-28.87	-	-	173	199	V
* 8.184	24.68	ADR	36	-26.9	.24	34.02	54	-19.98	-	-	-	-	173	199	V
1.976	39.37	PK-U	31.2	-31.9	0	38.67	-	-	-	-	68.2	-29.53	154	101	H
1.976	27.85	ADR	31.2	-31.9	.24	27.39	-	-	-	-	-	-	154	101	H
12.821	31.98	PK-U	39.4	-22	0	49.38	-	-	-	-	68.2	-18.82	249	199	H
12.821	20.16	ADR	39.4	-22	.24	37.8	-	-	-	-	-	-	249	199	H
12.844	32.49	PK-U	39.4	-22.3	0	49.59	-	-	-	-	68.2	-18.61	283	199	V
12.846	19.78	ADR	39.4	-22.4	.24	37.02	-	-	-	-	-	-	283	199	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



Trace Markers

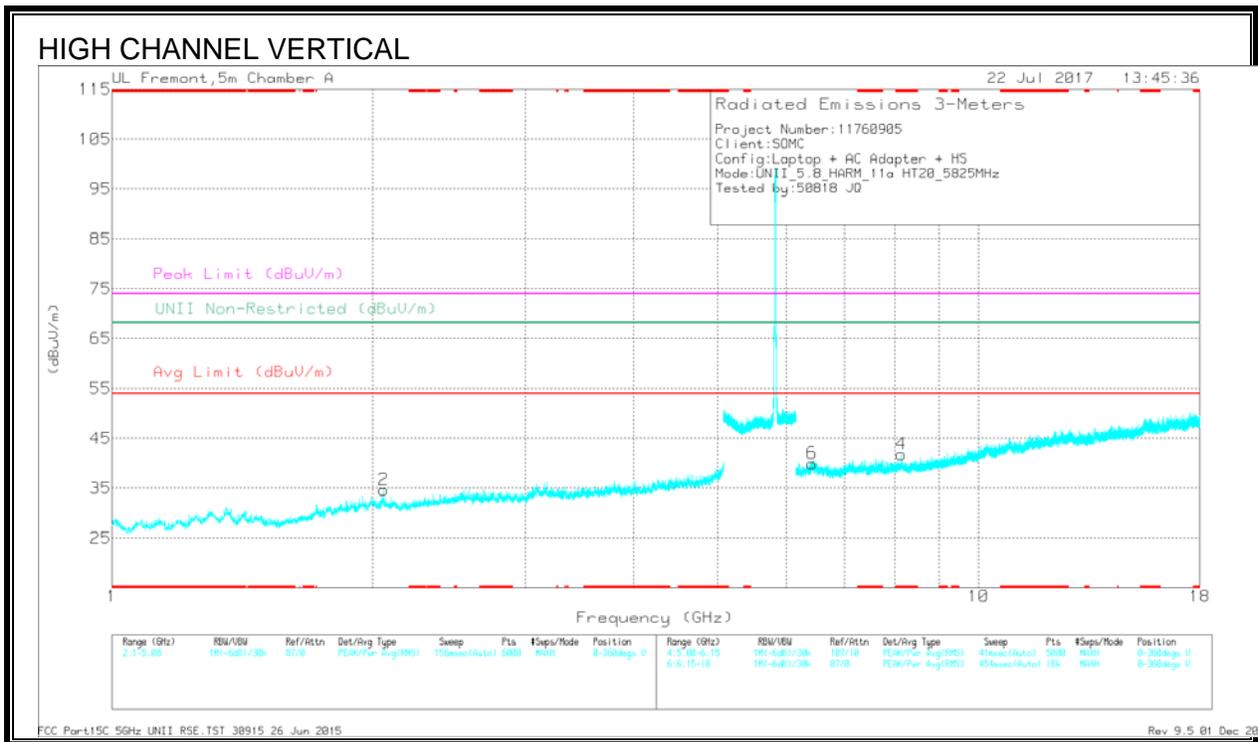
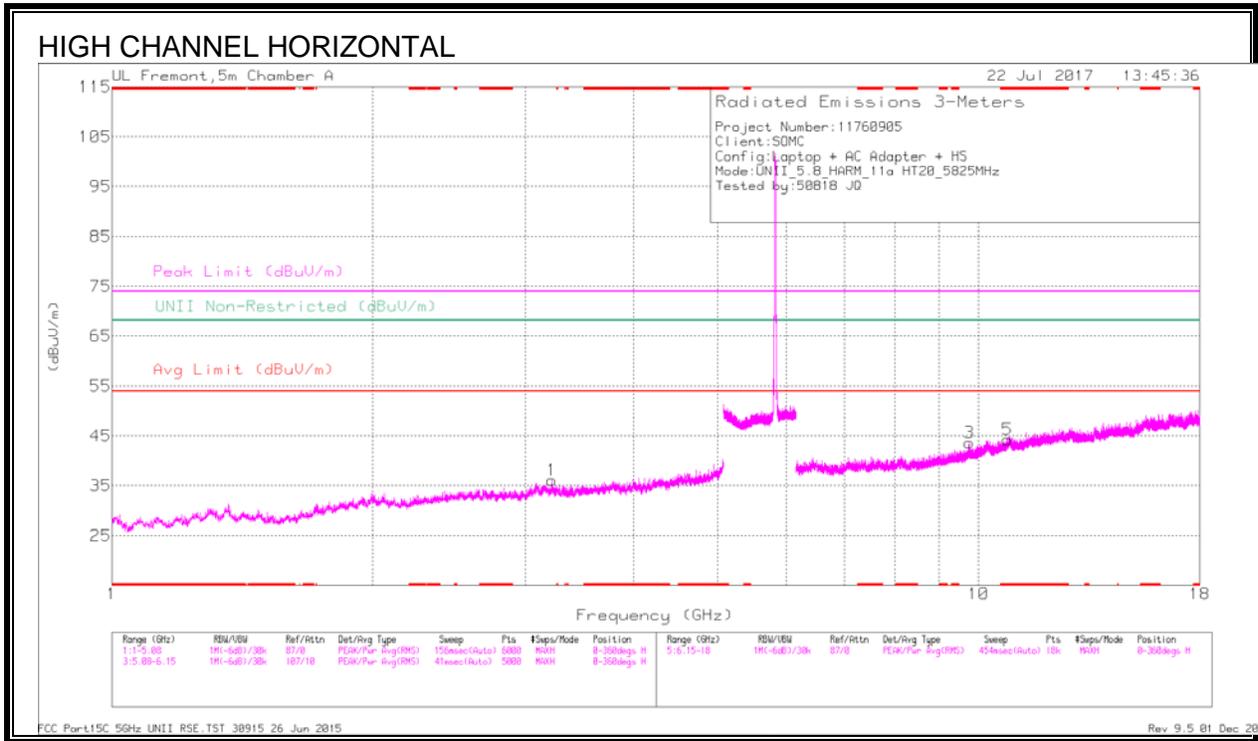
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T662 (dB/m)	Amp/Coupl/In/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.837	32.56	Pk	33	-29.1	0	36.46	-	-	74	-37.54	-	-	0-360	101	H
4	* 4.949	32.74	Pk	34.2	-27.1	0	39.84	-	-	74	-34.16	-	-	0-360	200	V
2	1.928	34.02	Pk	31.2	-32.6	0	32.62	-	-	-	-	68.2	-35.58	0-360	101	H
3	3.166	32.8	Pk	32.9	-29.7	0	36	-	-	-	-	68.2	-32.2	0-360	200	V
5	10.223	28.18	Pk	37.5	-19.8	0	43.88	-	-	-	-	68.2	-24.32	0-360	200	H
6	13.644	28.08	Pk	39.3	-19.8	0	47.58	-	-	-	-	68.2	-20.62	0-360	101	V

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

Radiated Emissions

Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T662 (dB/m)	Amp/Coupl/In/Pad (dB)	DC Corr (dB)	Correcte d 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
* 3.832	37.92	PK-U	33	-29.1	0	41.82	-	-	74	-32.18	-	-	210	385	H
* 3.842	26.86	ADR	33	-29.1	.24	30.8	54	-23.2	-	-	-	-	210	385	H
* 4.948	37.76	PK-U	34.2	-27.1	0	44.86	-	-	74	-29.14	-	-	268	370	V
* 4.951	26.13	ADR	34.2	-27.1	.24	33.47	54	-20.53	-	-	-	-	268	370	V
1.924	40.44	PK-U	31.2	-32.6	0	39.04	-	-	-	-	68.2	-29.16	105	266	H
3.167	38.7	PK-U	32.9	-29.7	0	41.9	-	-	-	-	68.2	-26.3	51	383	V
10.224	32.21	PK-U	37.5	-19.8	0	49.91	-	-	-	-	68.2	-18.29	199	387	H
13.644	33.15	PK-U	39.3	-19.8	0	52.65	-	-	-	-	68.2	-15.55	316	299	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.799	26.27	Pk	37.8	-19.8	0	44.27	-	-	74	-29.73	-	-	0-360	101	H
4	* 8.144	28.29	Pk	35.8	-22.3	0	41.79	-	-	74	-32.21	-	-	0-360	101	V
2	2.059	34.88	Pk	31.4	-31.6	0	34.68	-	-	-	-	68.2	-33.52	0-360	101	V
1	3.216	33.55	Pk	33.1	-30.5	0	36.15	-	-	-	-	68.2	-32.05	0-360	101	H
6	6.427	28.43	Pk	35.8	-24.2	0	40.03	-	-	-	-	68.2	-28.17	0-360	101	V
3	9.755	27.79	Pk	36.9	-21.1	0	43.59	-	-	-	-	68.2	-24.61	0-360	101	H

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

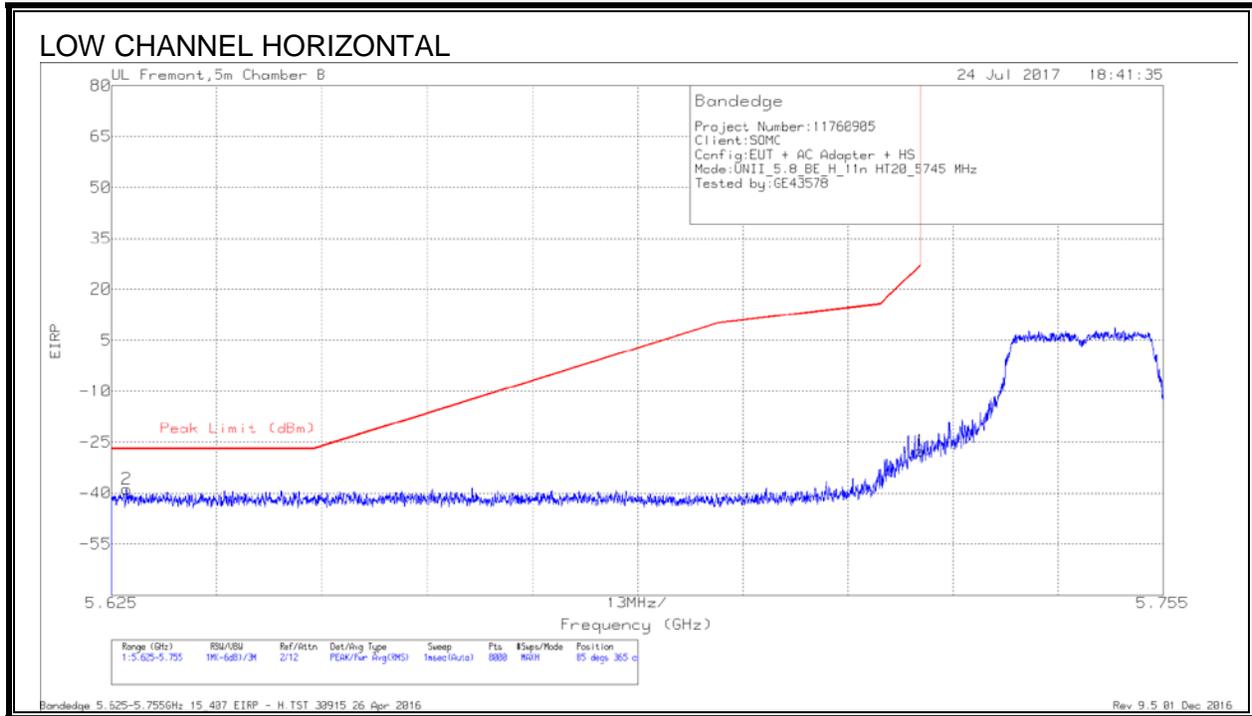
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.798	32.35	PK-U	37.8	-19.8	0	50.35	-	-	74	-23.65	-	-	86	276	H
* 10.797	20.53	ADR	37.8	-19.8	.24	38.77	54	-15.23	-	-	-	-	86	276	H
* 8.144	34.11	PK-U	35.8	-22.4	0	47.51	-	-	74	-26.49	-	-	350	391	V
* 8.142	21.99	ADR	35.8	-22.4	.24	35.63	54	-18.37	-	-	-	-	350	391	V
2.057	40.4	PK-U	31.4	-31.6	0	40.2	-	-	-	-	68.2	-28	202	210	V
3.217	38.97	PK-U	33.1	-30.5	0	41.57	-	-	-	-	68.2	-26.63	193	159	H
6.427	35.24	PK-U	35.8	-24.2	0	46.84	-	-	-	-	68.2	-21.36	13	101	V
9.755	32.49	PK-U	36.9	-21.1	0	48.29	-	-	-	-	68.2	-19.91	37	399	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

11.1.14.11n HT20 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

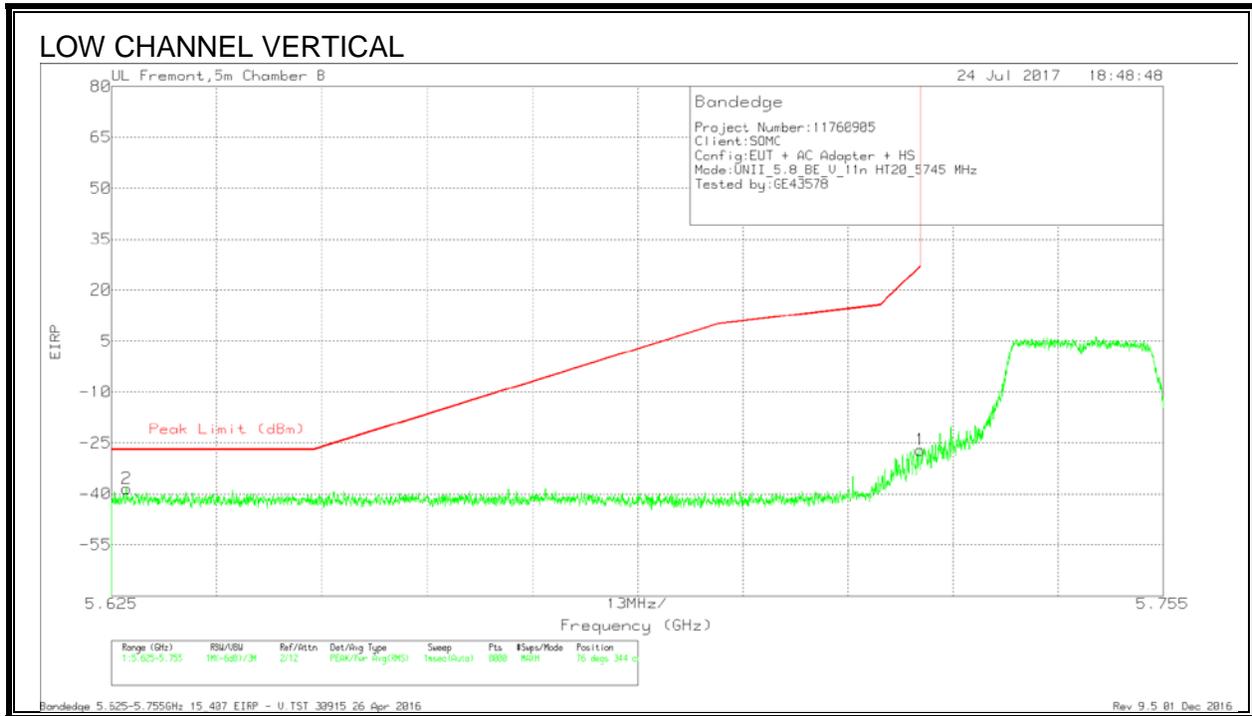
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-66.65	Pk	35.3	-19.2	11.8	-38.75	-27	-11.75	85	365	H
1	5.725	-54.77	Pk	35	-19.5	11.8	-27.47	27	-54.47	85	365	H

Pk - Peak detector

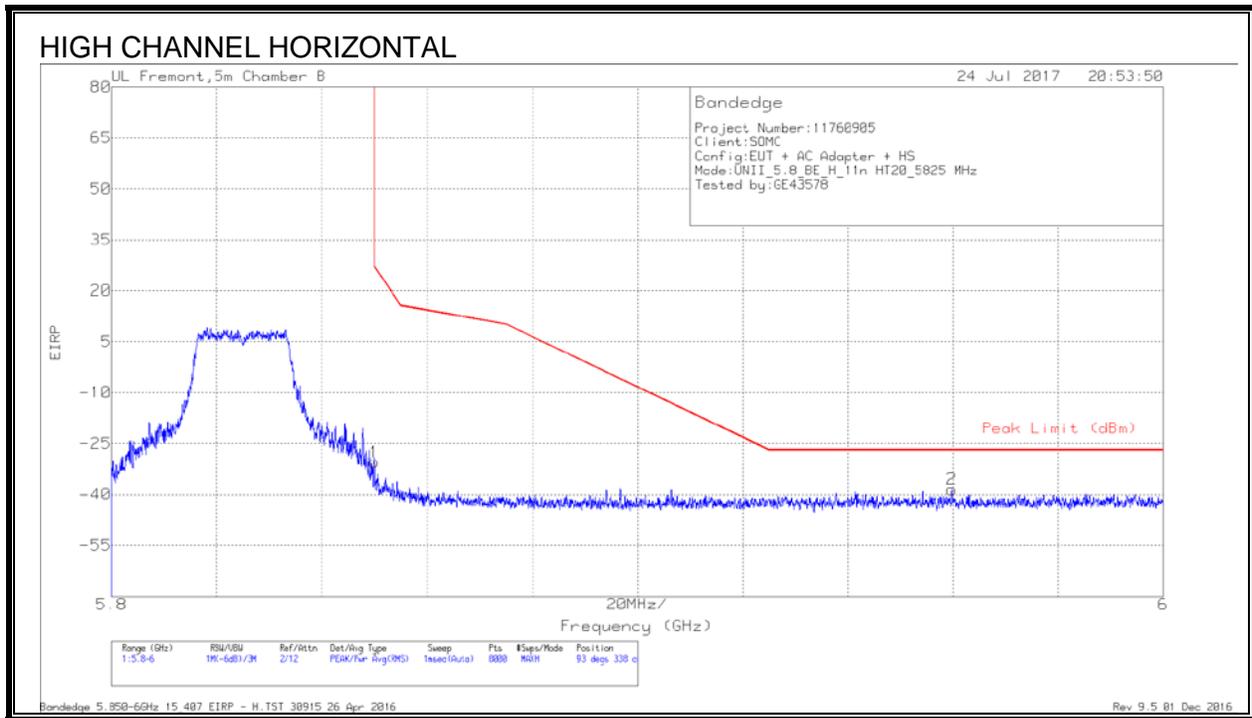


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Power (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-66.28	Pk	35.3	-19.2	11.8	-38.38	-27	-11.38	76	344	V
1	5.725	-54.37	Pk	35	-19.5	11.8	-27.07	27	-54.07	76	344	V

Pk - Peak detector

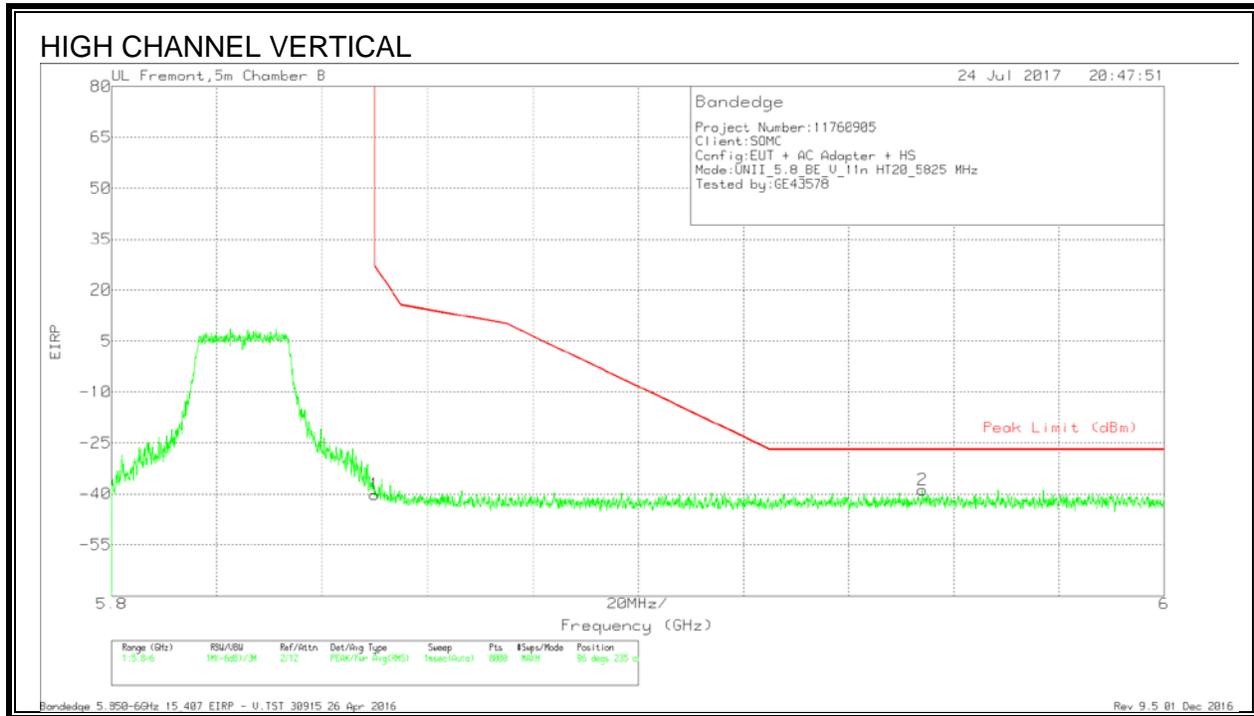
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58	Pk	35.1	-19.3	11.8	-30.4	26.99	-57.39	93	338	H
2	5.96	-66.49	Pk	35.2	-19	11.8	-38.49	-27	-11.49	93	338	H

Pk - Peak detector

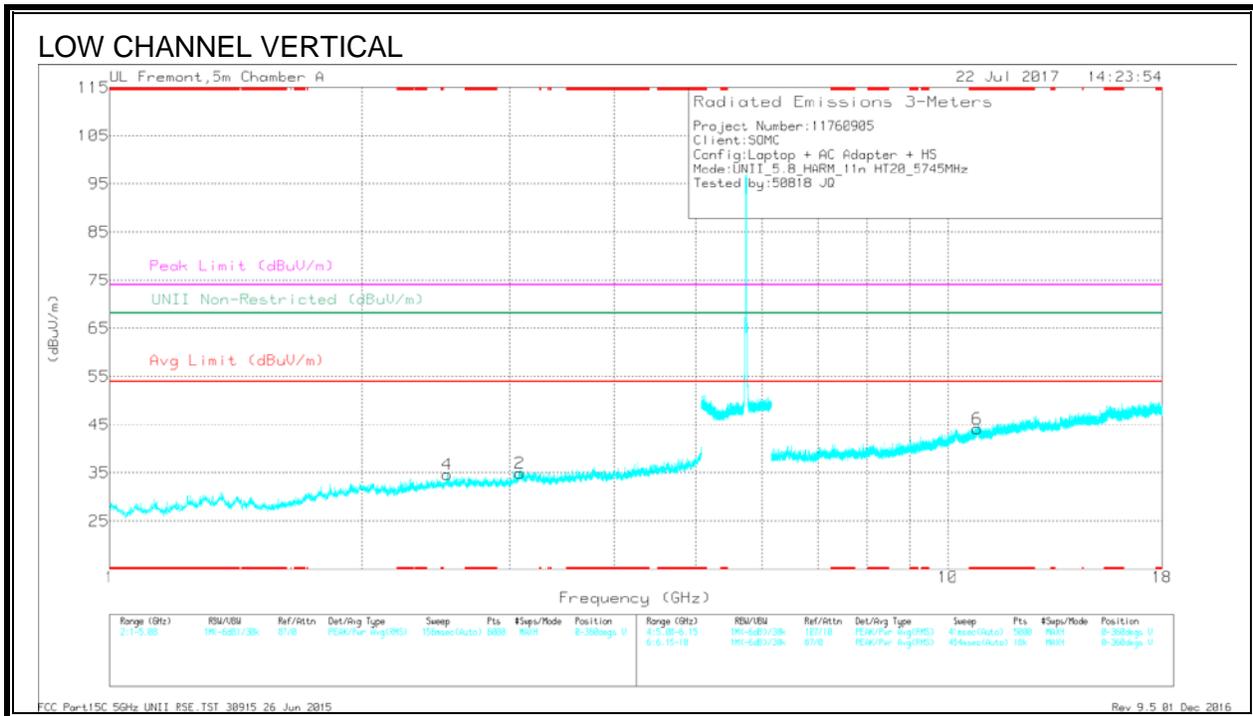
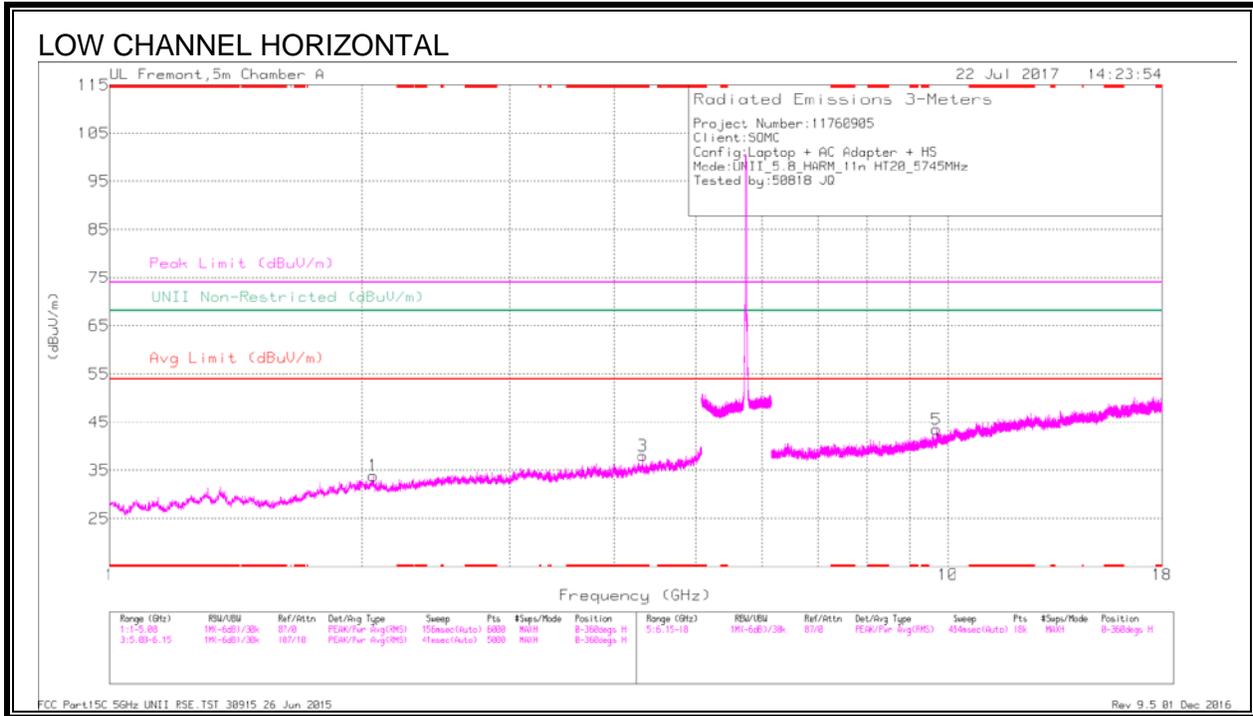


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Power (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.75	Pk	35.1	-19.3	11.8	-40.15	26.99	-67.14	96	235	V
2	5.954	-66.86	Pk	35.2	-18.9	11.8	-38.76	-27	-11.76	96	235	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

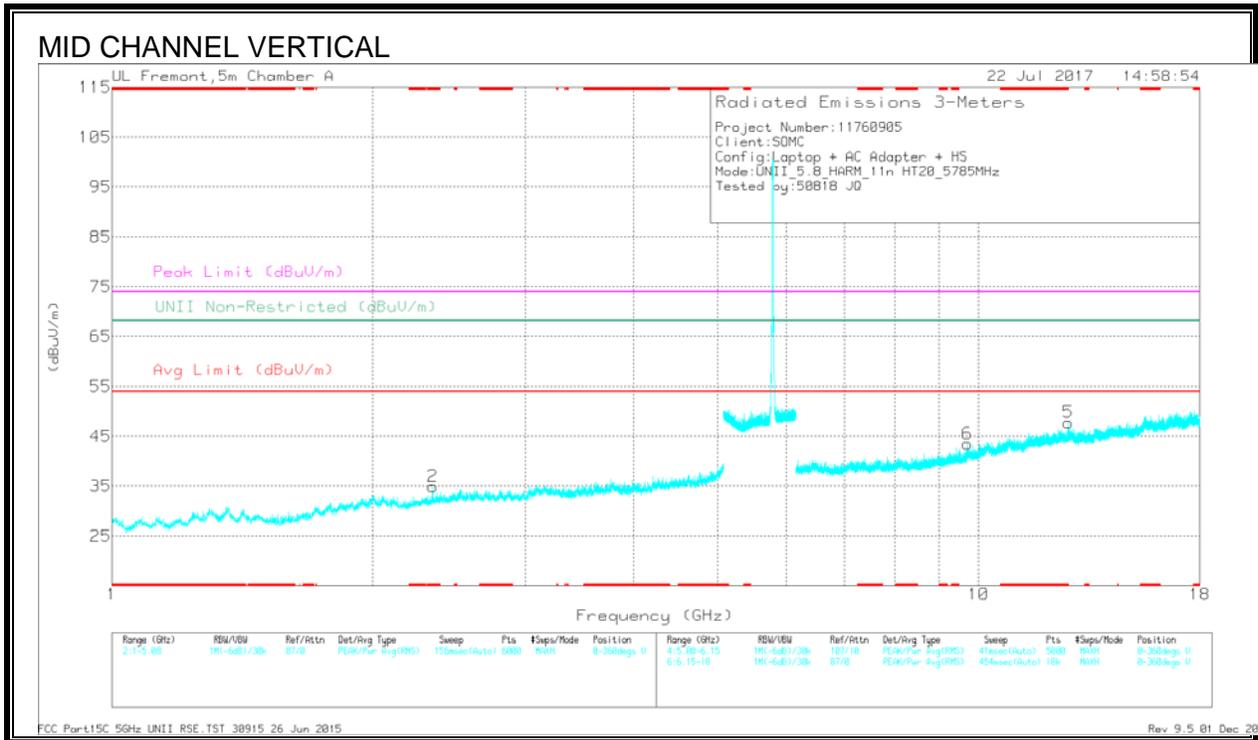
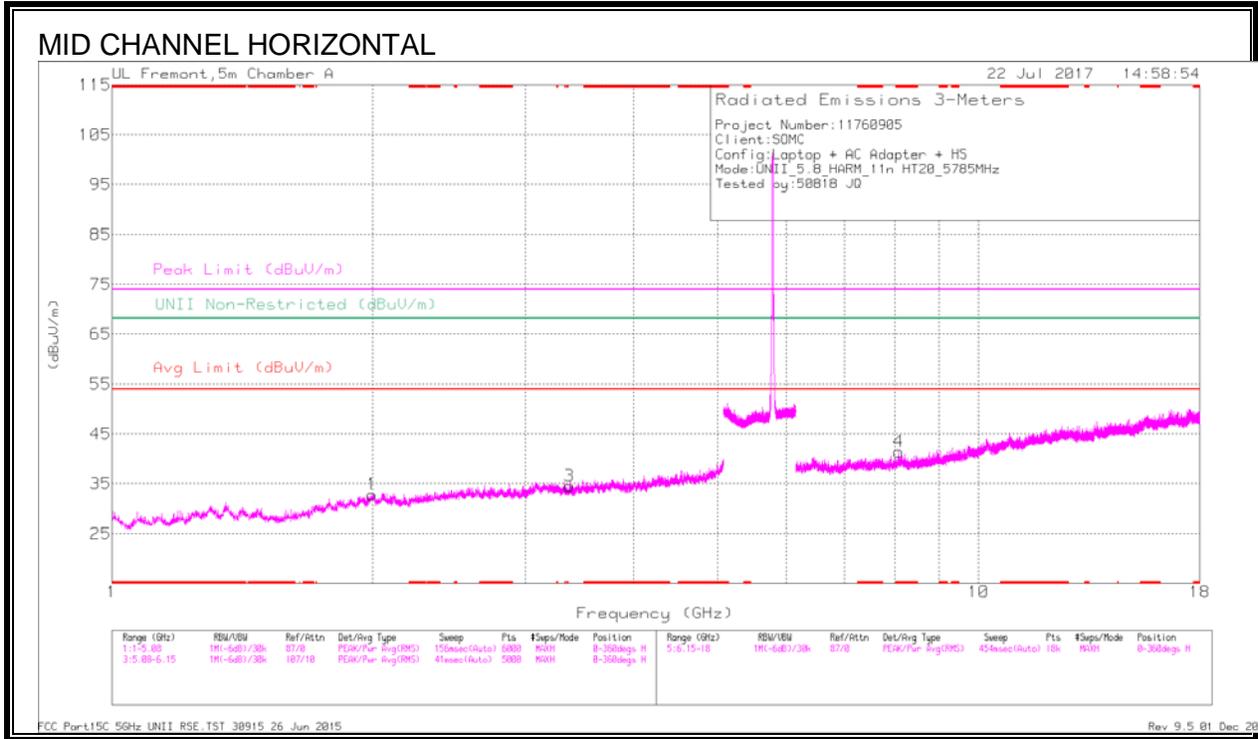
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.326	33.01	Pk	33.6	-28.6	0	38.01	-	-	74	-35.99	-	-	0-360	101	H
6	* 10.838	25.31	Pk	37.9	-19.1	0	44.11	-	-	74	-29.89	-	-	0-360	101	V
1	2.062	34.14	Pk	31.3	-31.6	0	33.84	-	-	-	-	68.2	-34.36	0-360	101	H
4	2.525	33.69	Pk	32.4	-31.4	0	34.69	-	-	-	-	68.2	-33.51	0-360	200	V
2	3.084	32.07	Pk	32.8	-29.9	0	34.97	-	-	-	-	68.2	-33.23	0-360	200	V
5	9.69	28.2	Pk	36.9	-21.6	0	43.5	-	-	-	-	68.2	-24.7	0-360	101	H

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.327	37.84	PK-U	33.6	-28.6	0	42.84	-	-	74	-31.16	-	-	94	214	H
4.328	26.25	ADR	33.6	-28.7	19	31.34	54	-22.66	-	-	-	-	94	214	H
* 10.837	31.7	PK-U	37.9	-19.1	0	50.5	-	-	74	-23.5	-	-	59	226	V
* 10.837	20.4	ADR	37.9	-19.1	19	39.39	54	-14.61	-	-	-	-	59	226	V
2.06	41.22	PK-U	31.3	-31.6	0	40.92	-	-	-	-	68.2	-27.28	145	223	H
2.525	39.89	PK-U	32.4	-31.4	0	40.89	-	-	-	-	68.2	-27.31	288	371	V
3.085	39.61	PK-U	32.8	-29.9	0	42.51	-	-	-	-	68.2	-25.69	13	233	V
9.691	33.53	PK-U	36.9	-21.6	0	48.83	-	-	-	-	68.2	-19.37	195	307	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



Trace Markers

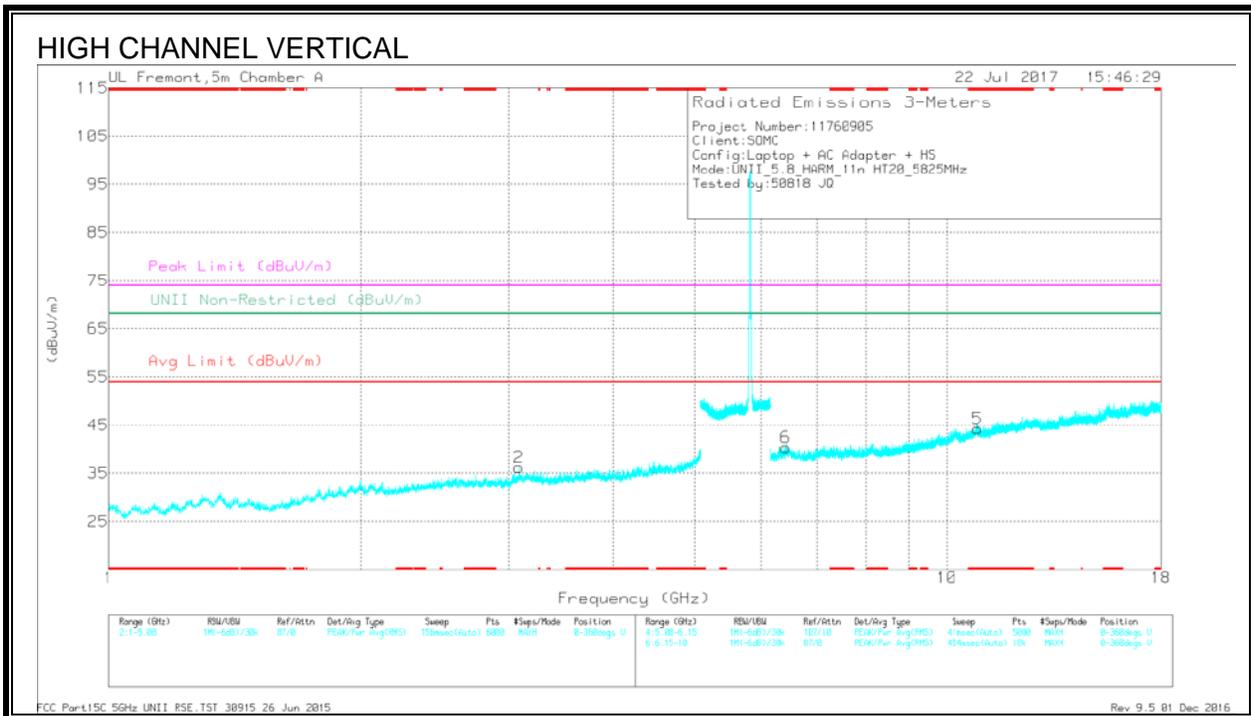
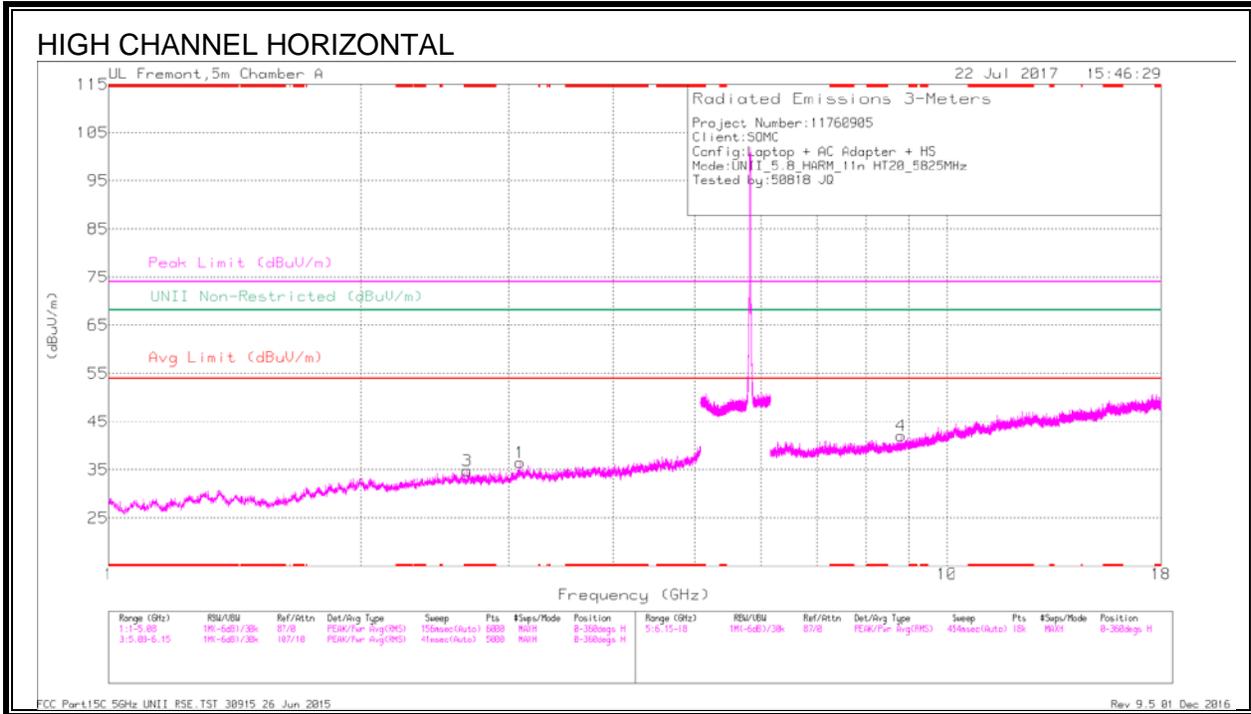
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.345	34.57	Pk	31.6	-31.3	0	34.87	-	-	74	-39.13	-	-	0-360	200	V
4	* 8.086	28.46	Pk	35.8	-22.8	0	41.46	-	-	74	-32.54	-	-	0-360	200	H
5	* 12.694	27.55	Pk	39.2	-19	0	47.75	-	-	74	-26.25	-	-	0-360	101	V
1	1.997	33.19	Pk	31.4	-31.8	0	32.79	-	-	-	-	68.2	-35.41	0-360	101	H
3	3.374	32.34	Pk	32.6	-30.4	0	34.54	-	-	-	-	68.2	-33.66	0-360	101	H
6	9.71	27.94	Pk	36.9	-21.4	0	43.44	-	-	-	-	68.2	-24.76	0-360	101	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.346	39.68	PK-U	31.6	-31.3	0	39.98	-	-	74	-34.02	-	-	18	234	V
* 2.344	27.47	ADR	31.6	-31.4	.19	27.86	54	-26.14	-	-	-	-	18	234	V
* 8.086	33.04	PK-U	35.8	-22.8	0	46.64	-	-	74	-27.36	-	-	346	284	H
* 8.084	21.91	ADR	35.8	-22.8	.19	35.1	54	-18.9	-	-	-	-	346	284	H
* 12.692	31.91	PK-U	39.2	-19	0	52.11	-	-	74	-21.89	-	-	30	345	V
* 12.693	20.1	ADR	39.2	-19	.19	40.49	54	-13.51	-	-	-	-	30	345	V
1.997	40.03	PK-U	31.4	-31.8	0	39.63	-	-	-	-	68.2	-28.57	4	122	H
3.376	38.79	PK-U	32.6	-30.3	0	41.09	-	-	-	-	68.2	-27.11	260	146	H
9.71	32.84	PK-U	36.9	-21.4	0	48.34	-	-	-	-	68.2	-19.86	38	172	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 2.678	33.8	Pk	32.5	-31.5	0	34.8	-	-	74	-39.2	-	-	0-360	101	H
5	* 10.871	25.51	Pk	37.9	-19.1	0	44.31	-	-	74	-29.69	-	-	0-360	101	V
2	3.083	33.45	Pk	32.8	-30	0	36.25	-	-	-	-	68.2	-31.95	0-360	200	V
1	3.093	33.25	Pk	32.9	-29.7	0	36.45	-	-	-	-	68.2	-31.75	0-360	101	H
6	6.427	28.64	Pk	35.8	-24.1	0	40.34	-	-	-	-	68.2	-27.86	0-360	199	V
4	8.814	28.66	Pk	36	-22.6	0	42.06	-	-	-	-	68.2	-26.14	0-360	200	H

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

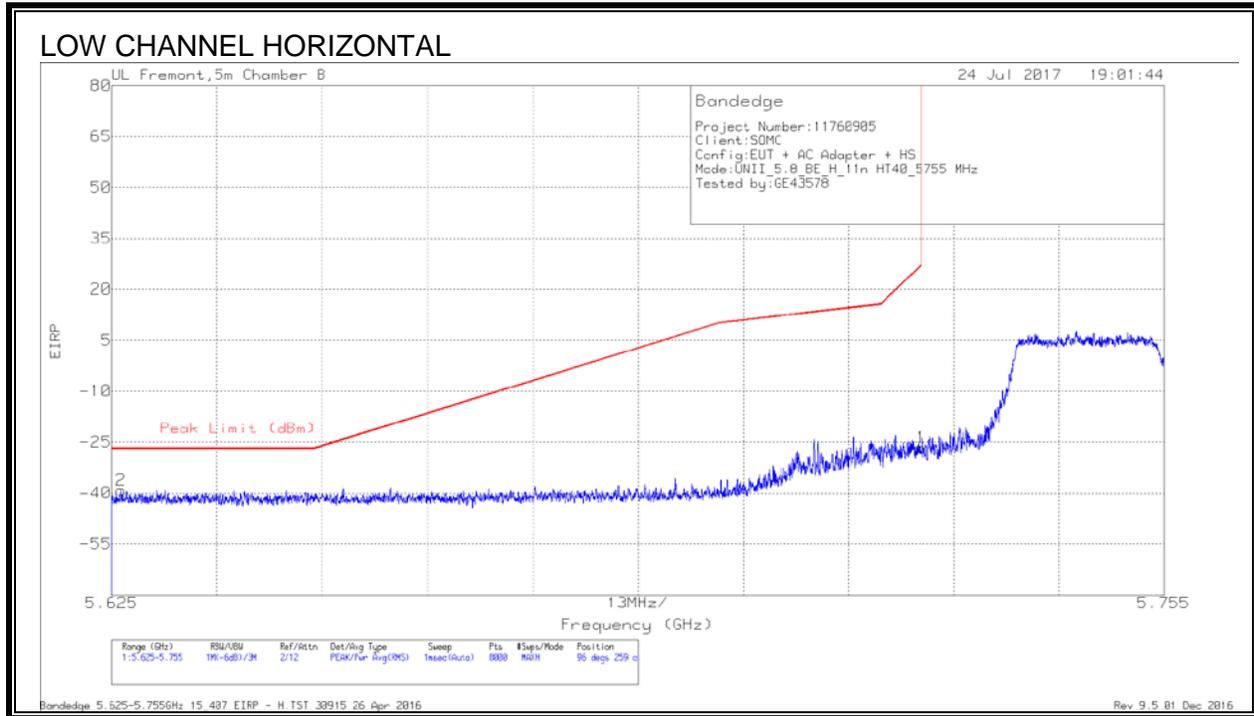
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.677	39.68	PK-U	32.5	-31.5	0	40.68	-	-	74	-33.32	-	-	20	235	H
* 2.672	27.47	ADR	32.5	-31.4	.19	28.76	54	-25.24	-	-	-	-	20	235	H
* 10.875	33.64	PK-U	37.9	-19.2	0	52.34	-	-	74	-21.66	-	-	351	273	V
* 10.873	21.91	ADR	37.9	-19.1	.19	40.9	54	-13.1	-	-	-	-	351	273	V
3.084	31.91	PK-U	32.7	-30	0	34.61	-	-	-	-	68.2	-33.59	31	355	V
3.095	40.03	PK-U	32.9	-29.6	0	43.33	-	-	-	-	68.2	-24.87	41	125	H
6.423	38.79	PK-U	35.7	-24.3	0	50.19	-	-	-	-	68.2	-18.01	265	146	V
8.811	32.84	PK-U	36.1	-22.7	0	46.24	-	-	-	-	68.2	-21.96	48	178	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

11.1.15.11n HT40 2TX CDD MIMO MODE IN THE 5.8GHz BAND

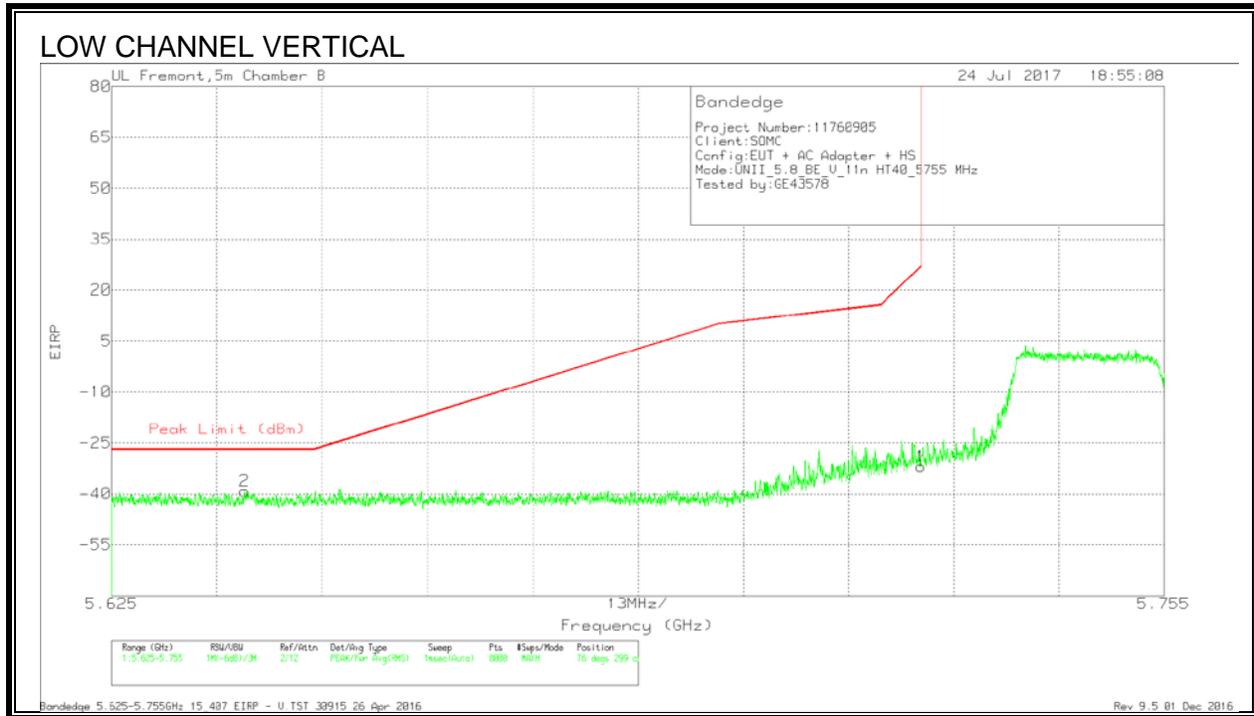
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.626	-66.96	Pk	35.3	-19.2	11.8	-39.06	-27	-12.06	96	259	H
1	5.725	-53.94	Pk	35	-19.5	11.8	-26.64	27	-53.64	96	259	H

Pk - Peak detector

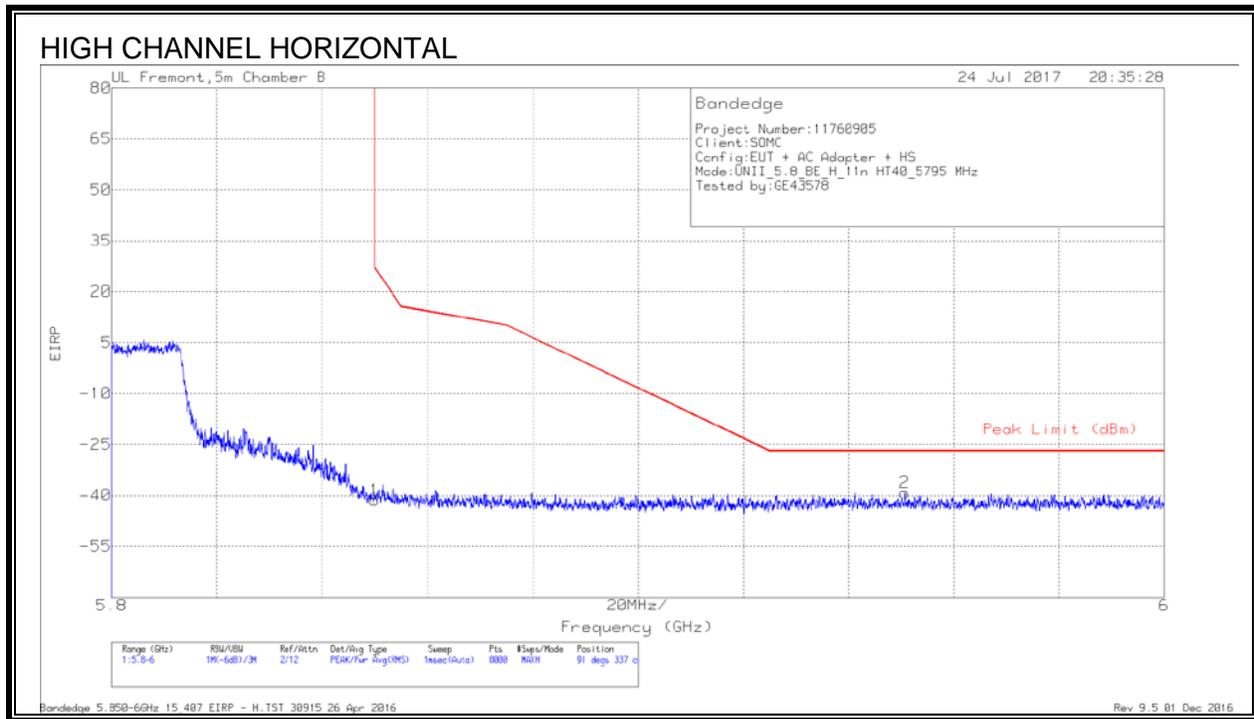


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-66.76	Pk	35.3	-19.4	11.8	-39.06	-27	-12.06	76	299	V
1	5.725	-59.28	Pk	35	-19.5	11.8	-31.98	27	-58.98	76	299	V

Pk - Peak detector

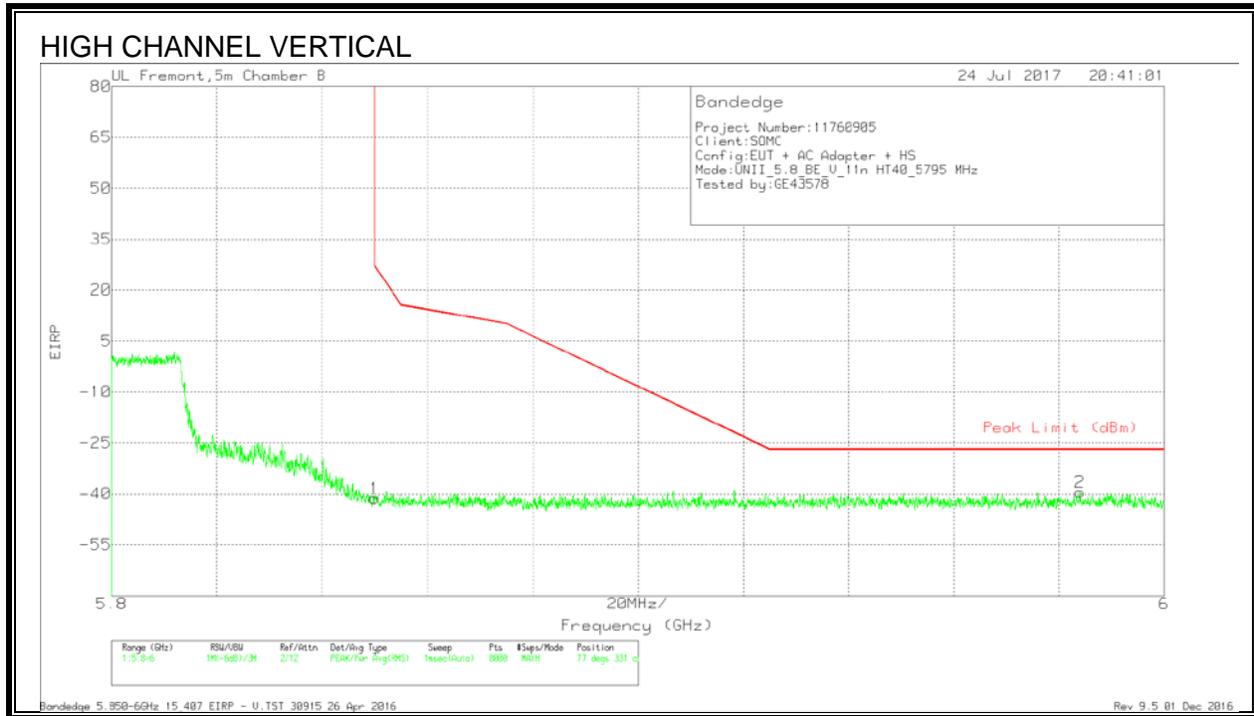
AUTHORIZED BANDEGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.96	Pk	35.1	-19.3	11.8	-41.36	26.99	-68.35	91	337	H
2	5.951	-67.16	Pk	35.2	-19	11.8	-39.16	-27	-12.16	91	337	H

Pk - Peak detector

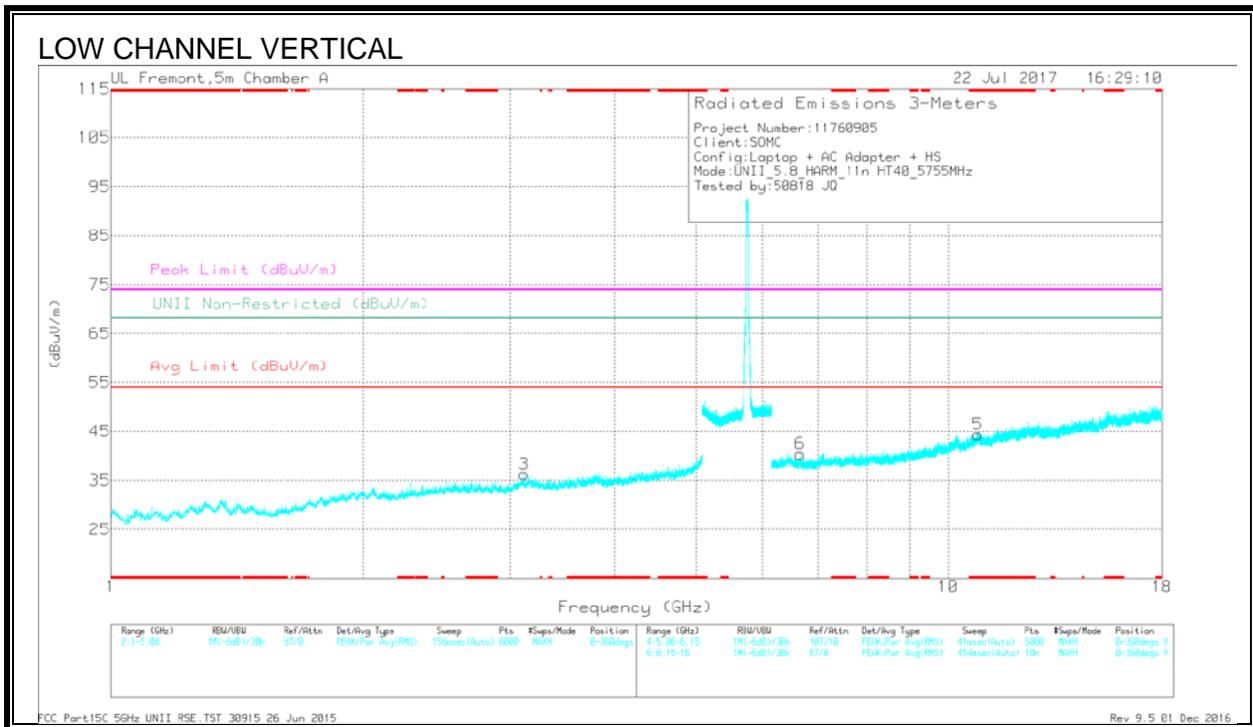
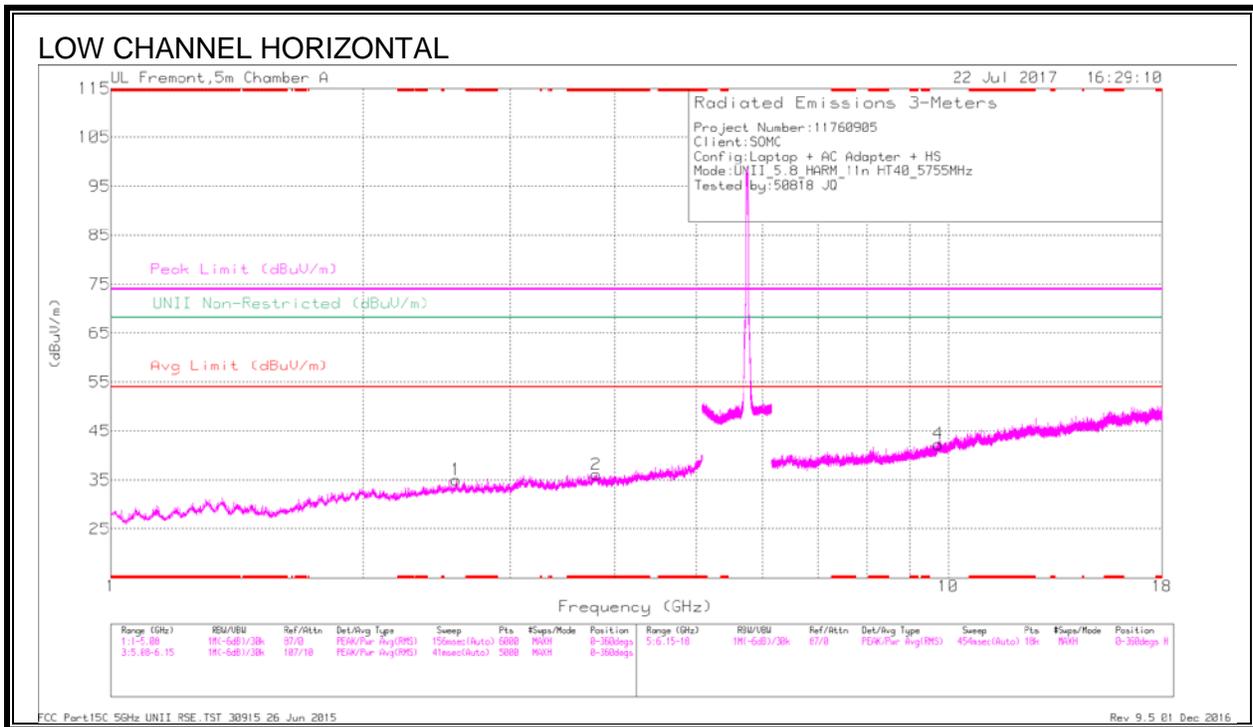


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.89	Pk	35.1	-19.3	11.8	-41.29	26.99	-68.28	77	331	V
2	5.984	-67.74	Pk	35.3	-18.8	11.8	-39.44	-27	-12.44	77	331	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

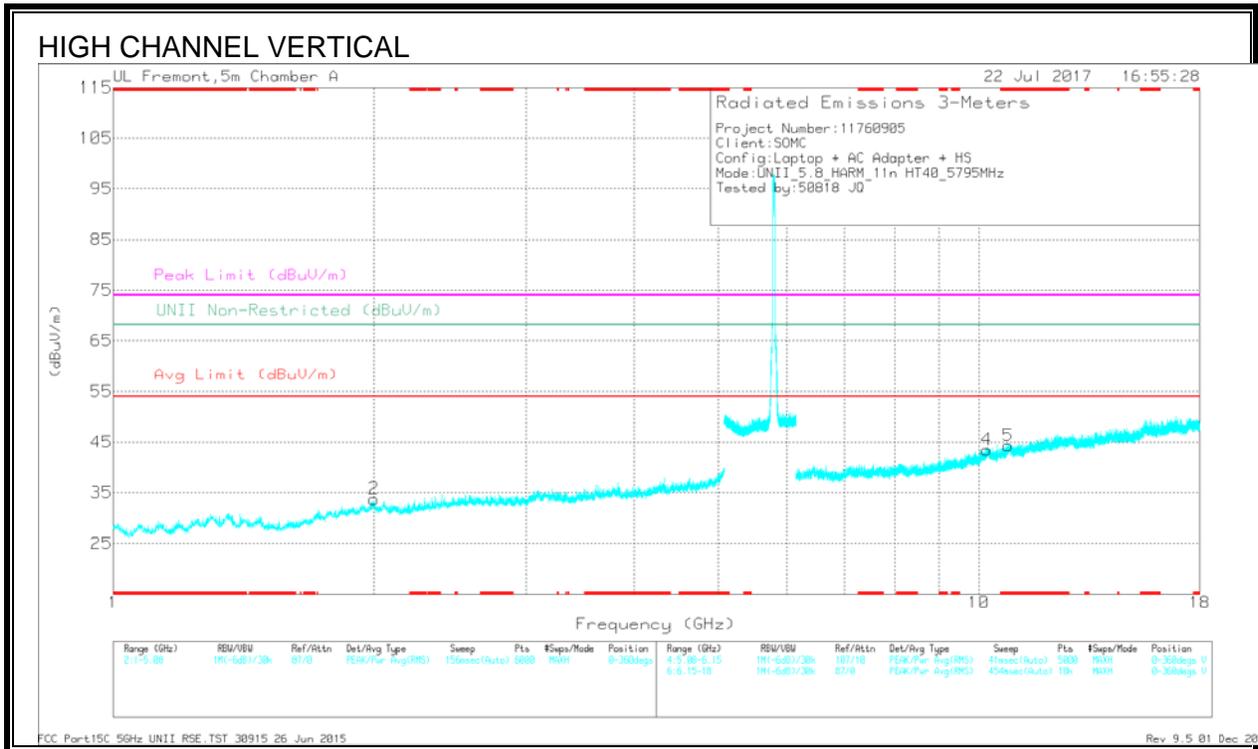
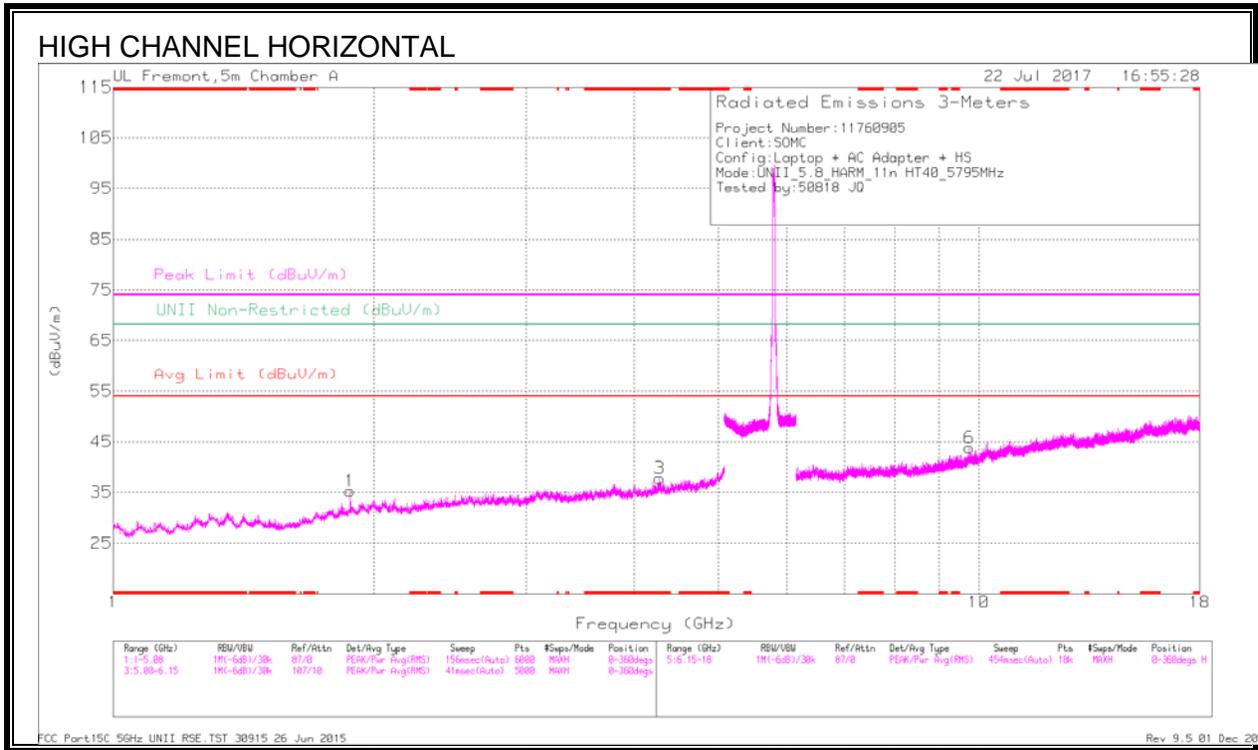
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.795	31.84	Pk	33.2	-28.9	0	36.14	-	-	74	-37.86	-	-	0-360	101	H
5	* 10.849	25.28	Pk	37.9	-18.8	0	44.38	-	-	74	-29.62	-	-	0-360	200	V
1	2.583	33.91	Pk	32.4	-31.3	0	35.01	-	-	-	-	68.2	-33.19	0-360	199	H
3	3.117	33.05	Pk	32.9	-29.7	0	36.25	-	-	-	-	68.2	-31.95	0-360	101	V
6	6.651	29.04	Pk	35.6	-24.2	0	40.44	-	-	-	-	68.2	-27.76	0-360	200	V
4	9.736	28.42	Pk	36.9	-21	0	42.32	-	-	-	-	68.2	-25.88	0-360	101	H

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.793	33.68	PK-U	33.2	-28.8	0	38.06	-	-	74	-35.92	-	-	22	266	H
* 3.794	26.37	ADR	33.2	-28.8	.39	31.16	54	-22.84	-	-	-	-	22	266	H
* 10.847	33.88	PK-U	37.9	-18.9	0	52.88	-	-	74	-21.12	-	-	351	278	V
* 10.846	22.13	ADR	37.9	-18.8	.39	41.82	54	-12.38	-	-	-	-	351	278	V
2.582	35.22	PK-U	32.3	-31.2	0	36.32	-	-	-	-	68.2	-31.88	55	314	H
3.119	33.85	PK-U	32.9	-29.8	0	36.95	-	-	-	-	68.2	-31.25	69	354	V
6.653	30.44	PK-U	35.5	-24.1	0	41.84	-	-	-	-	68.2	-26.36	105	183	V
9.737	28.02	PK-U	36.9	-21.1	0	43.82	-	-	-	-	68.2	-24.38	67	128	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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.279	32.18	Pk	33.5	-27.9	0	37.78	-	-	74	-36.22	-	-	0-360	101	H
5	* 10.809	26.31	Pk	37.8	-19.8	0	44.31	-	-	74	-29.69	-	-	0-360	101	V
1	1.879	37.15	Pk	31	-32.9	0	35.25	-	-	-	-	68.2	-32.95	0-360	199	H
2	2.002	34.05	Pk	31.4	-31.7	0	33.75	-	-	-	-	68.2	-34.45	0-360	101	V
6	9.758	28.02	Pk	36.9	-21.1	0	43.82	-	-	-	-	68.2	-24.38	0-360	101	H
4	10.213	28.27	Pk	37.4	-20.2	0	43.47	-	-	-	-	68.2	-24.73	0-360	101	V

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

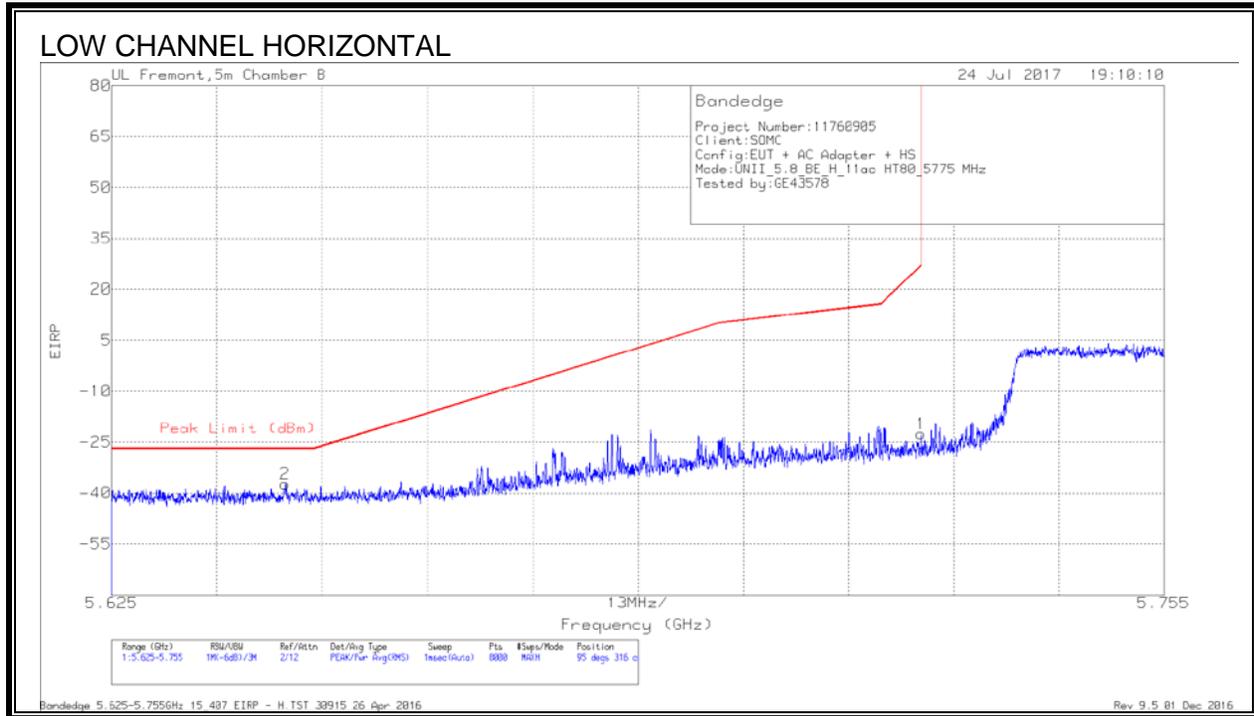
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cs/Fir/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.277	33.25	PK-U	33.5	-27.8	0	38.95	-	-	74	-35.05	-	-	25	116	H
4.278	25.77	ADR	33.5	-27.9	.39	31.76	54	-22.24	-	-	-	-	25	116	H
* 10.811	28.37	PK-U	37.8	-19.9	0	46.27	-	-	-	-	-	-	355	128	V
* 10.809	21.62	ADR	37.8	-19.8	.39	40.01	54	-13.99	-	-	-	-	355	128	V
1.877	39.48	PK-U	31	-32.8	0	37.68	-	-	-	-	68.2	-30.52	48	214	H
2.004	35.22	PK-U	31.3	-31.8	0	34.72	-	-	-	-	68.2	-33.48	66	154	V
9.759	29.16	PK-U	36.9	-21.1	0	44.96	-	-	-	-	68.2	-23.24	85	103	H
10.212	27.47	PK-U	37.4	-20.3	0	44.57	-	-	-	-	68.2	-23.63	72	148	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

11.1.16.11ac VHT80 2TX CDD MIMO MODE IN THE 5.8GHZ BAND

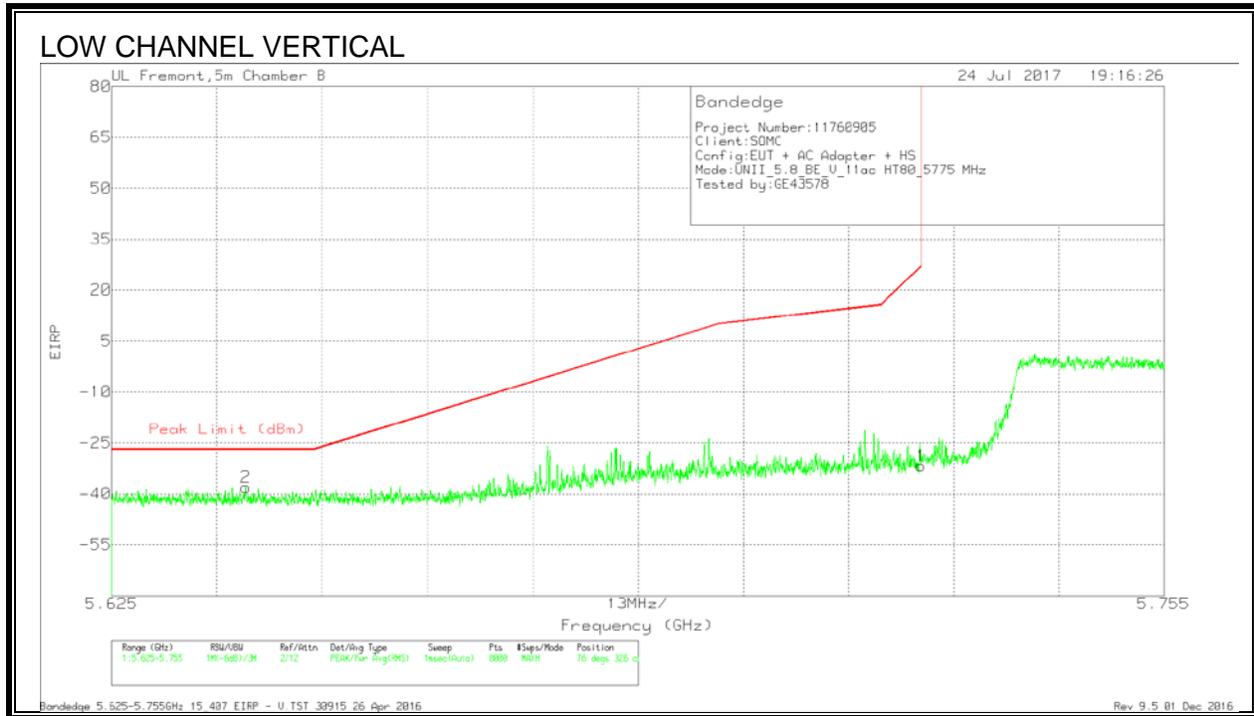
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Powered (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-64.92	Pk	35.3	-19.4	11.8	-37.22	-27	-10.22	95	316	H
1	5.725	-49.83	Pk	35	-19.5	11.8	-22.53	27	-49.53	95	316	H

Pk - Peak detector

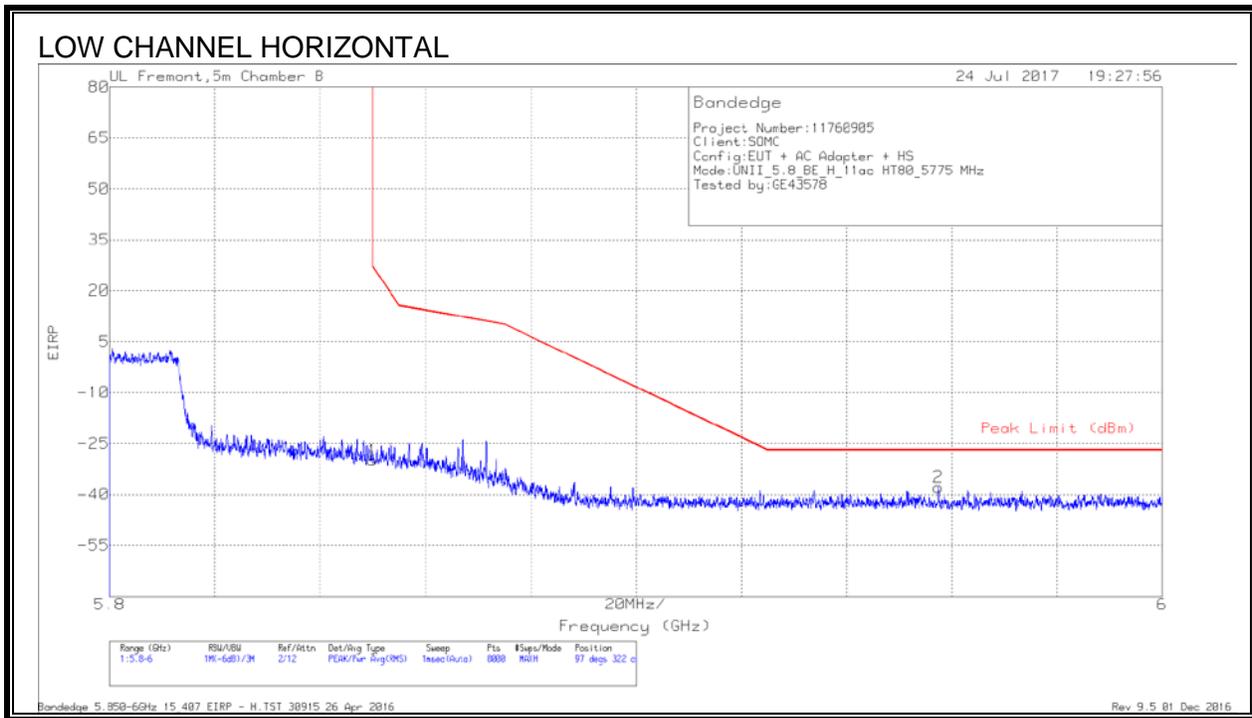


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-65.79	Pk	35.3	-19.4	11.8	-38.09	-27	-11.09	76	326	V
1	5.725	-59.13	Pk	35	-19.5	11.8	-31.83	27	-58.83	76	326	V

Pk - Peak detector

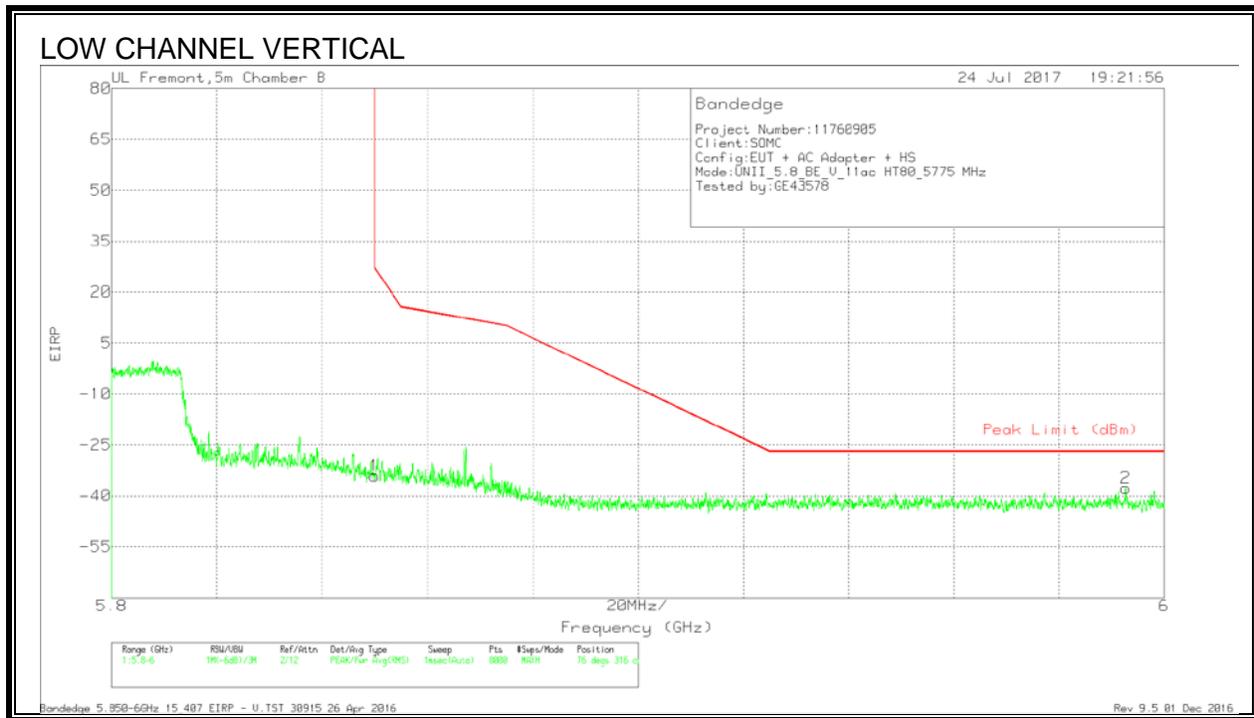
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.55	Pk	35.1	-19.3	11.8	-29.95	26.99	-56.94	97	322	H
2	5.958	-65.99	Pk	35.2	-18.9	11.8	-37.89	-27	-10.89	97	322	H

Pk - Peak detector

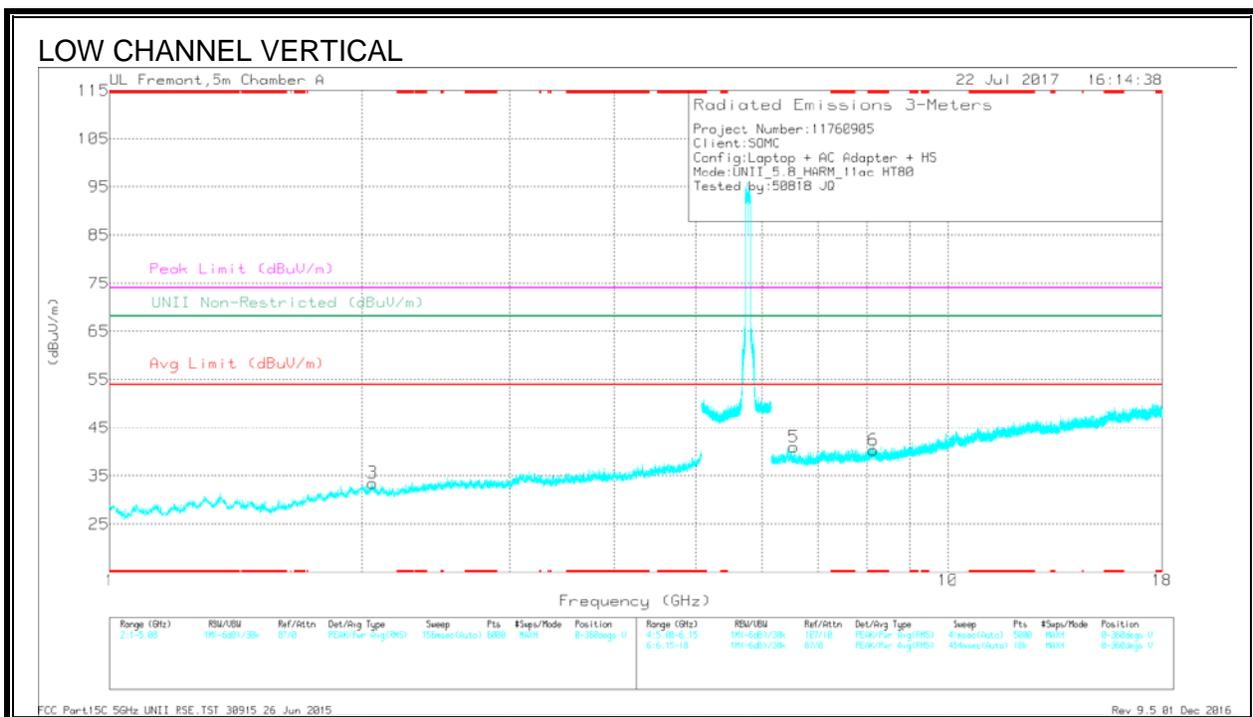
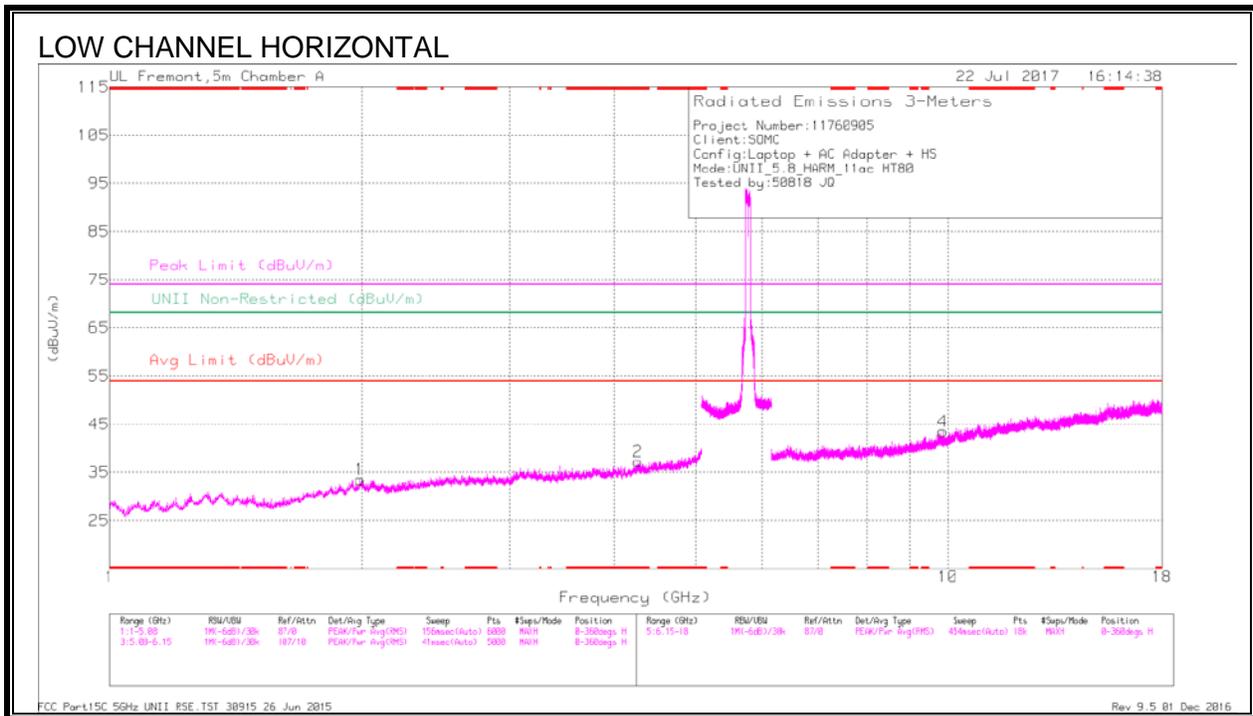


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.67	Pk	35.1	-19.3	11.8	-34.07	26.99	-61.06	76	316	V
2	5.993	-65.79	Pk	35.3	-18.9	11.8	-37.59	-27	-10.59	76	316	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cali/Filt/Pad (dB)	DC Corr (dB)	Correcte d 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	* 4.266	31.67	Pk	33.5	-27.9	0	37.27	-	-	74	-36.73	-	-	0-360	101	H
6	* 8.146	26.86	Pk	35.8	-22.3	0	40.36	-	-	74	-33.64	-	-	0-360	200	V
1	1.99	34.04	Pk	31.4	-31.9	0	33.54	-	-	-	-	68.2	-34.66	0-360	101	H
3	2.058	33.76	Pk	31.4	-31.6	0	33.56	-	-	-	-	68.2	-34.64	0-360	101	V
5	6.546	29.78	Pk	35.6	-24.4	0	40.98	-	-	-	-	68.2	-27.22	0-360	200	V
4	9.859	27.99	Pk	37.1	-21.6	0	43.49	-	-	-	-	68.2	-24.71	0-360	101	H

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

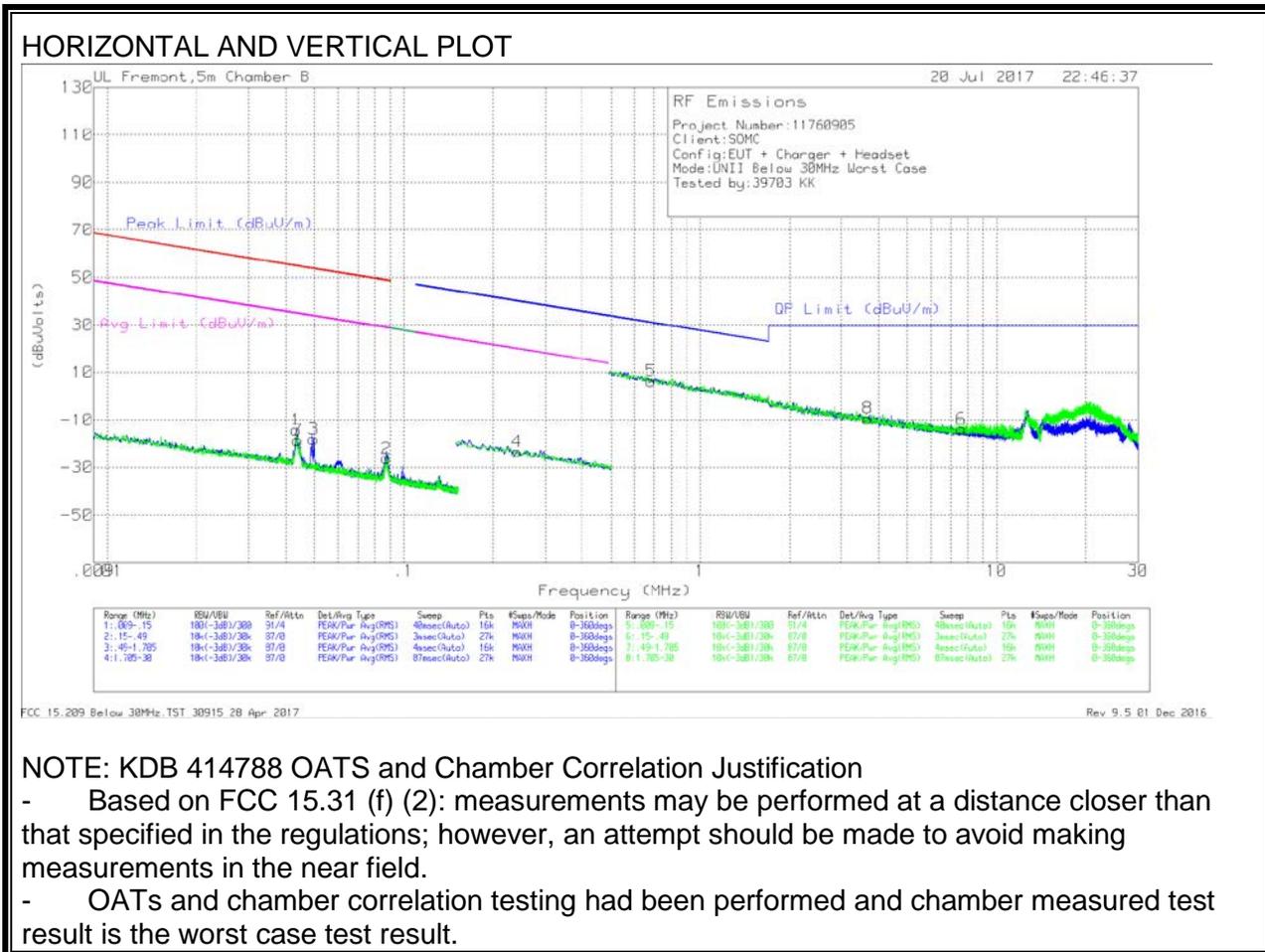
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cali/Filt/Pad (dB)	DC Corr (dB)	Correcte d 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
* 4.263	33.68	PK-U	33.5	-27.8	0	39.36	-	-	74	-34.62	-	-	25	255	H
* 4.265	26.97	ADR	33.5	-27.9	.71	33.28	54	-20.72	-	-	-	-	25	255	H
* 8.147	28.14	PK-U	35.8	-22.2	0	41.74	-	-	74	-32.26	-	-	357	274	V
* 8.149	22.91	ADR	35.8	-22.2	.71	37.22	54	-16.78	-	-	-	-	357	274	V
1.95	34.91	PK-U	31.4	-31.8	0	34.51	-	-	-	-	68.2	-33.69	66	304	H
2.059	34.03	PK-U	31.4	-31.7	0	33.73	-	-	-	-	68.2	-34.47	68	344	V
6.545	28.29	PK-U	35.6	-24.4	0	39.49	-	-	-	-	68.2	-28.71	195	188	V
9.858	30.64	PK-U	37.1	-21.7	0	46.04	-	-	-	-	68.2	-22.16	87	108	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

11.2. WORST CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



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)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	
1	.04335	51.36	PK	13	1.4	-80	-14.24	54.84	-69.08	34.84	-49.08	-	-	-	-	-	-	-	-	-	0-360
7	.0438	47.11	PK	13	1.4	-80	-18.49	54.75	-73.24	34.75	-53.24	-	-	-	-	-	-	-	-	-	0-360
3	.04969	48.2	PK	12.4	1.4	-80	-18	53.66	-71.66	33.66	-51.66	-	-	-	-	-	-	-	-	-	0-360
2	.08751	40.58	PK	11.8	1.4	-80	-26.22	48.74	-74.96	28.74	-54.96	-	-	-	-	-	-	-	-	-	0-360
4	.24168	43.73	PK	11.5	1.5	-80	-23.27	-	-	-	-	-	-	-	-	39.95	-63.22	19.95	-43.22	-	0-360

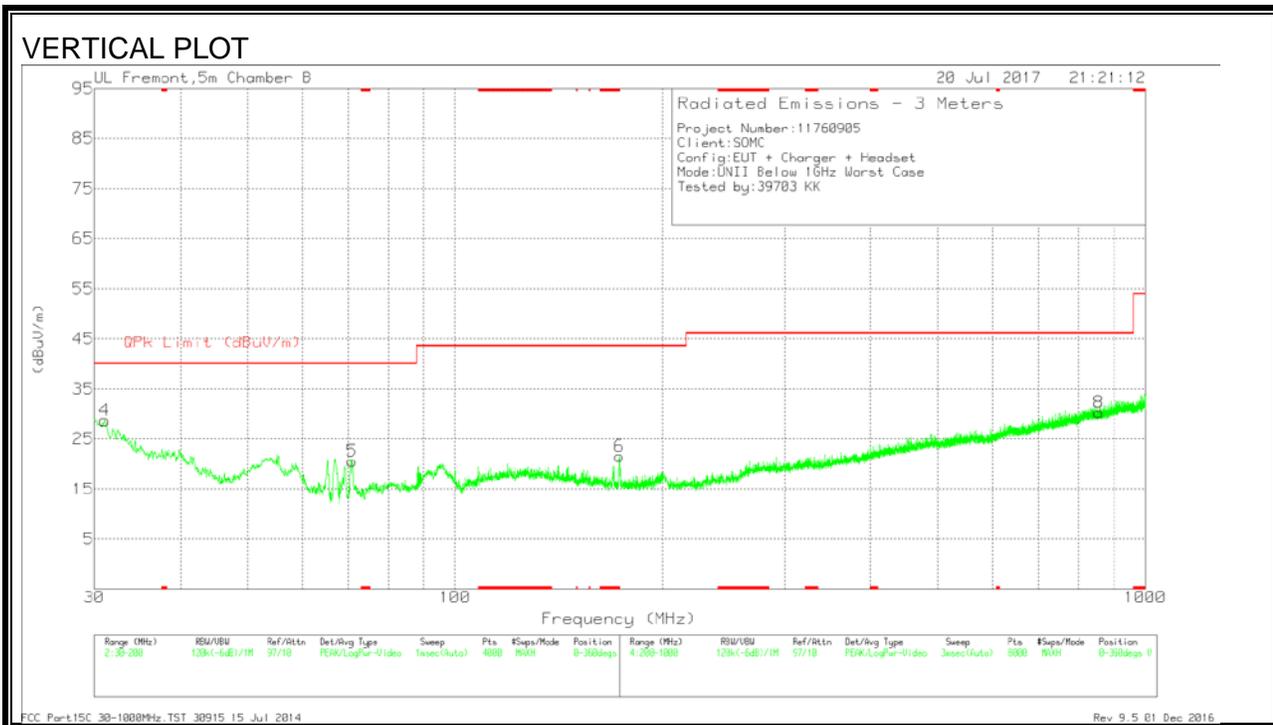
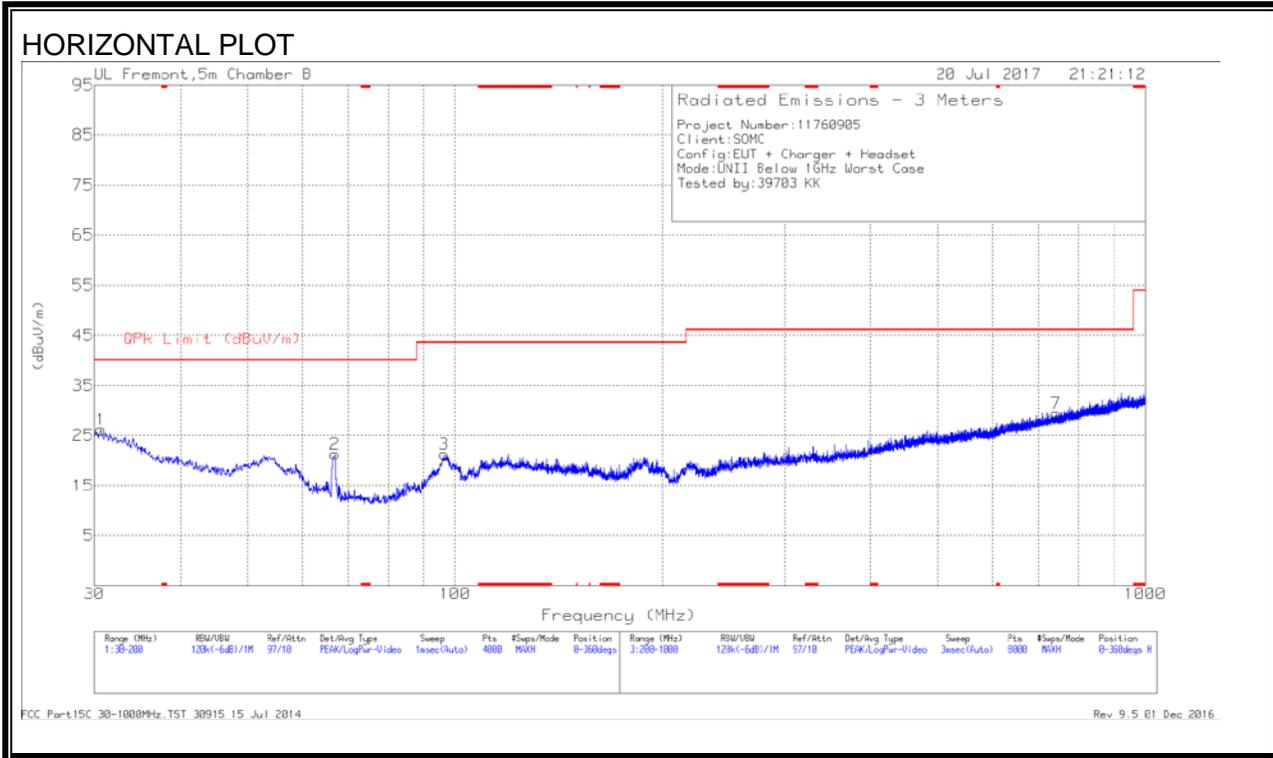
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr (dB) 40Log	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	
5	.68399	33.43	PK	11.5	1.5	-40	6.43	-	-	-	-	-	-	30.91	-24.48	-	-	-	-	-	0-360
8	3.67838	17.58	PK	11.6	1.5	-40	-9.32	-	-	-	-	-	-	29.5	-38.82	-	-	-	-	-	0-360
6	7.61572	13.57	PK	11.1	1.5	-40	-13.83	-	-	-	-	-	-	29.5	-43.33	-	-	-	-	-	0-360

Pk - Peak detector

11.3. WORST-CASE BELOW 1 GHz

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



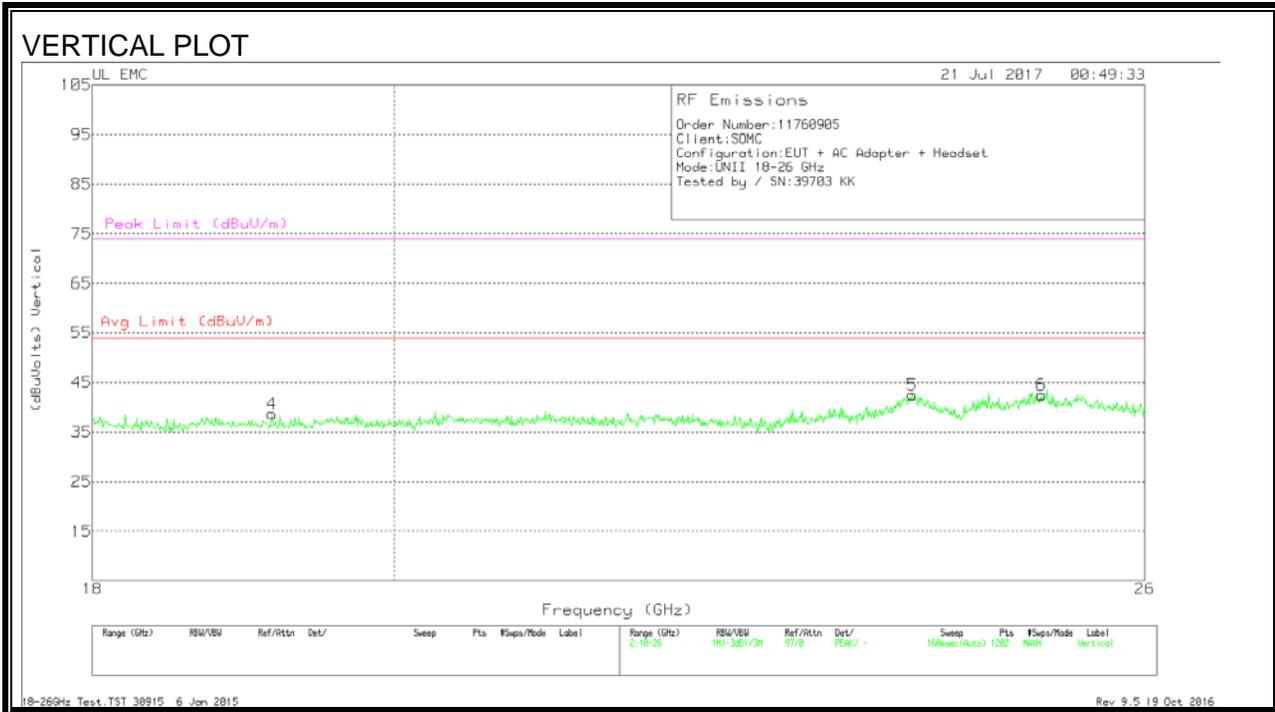
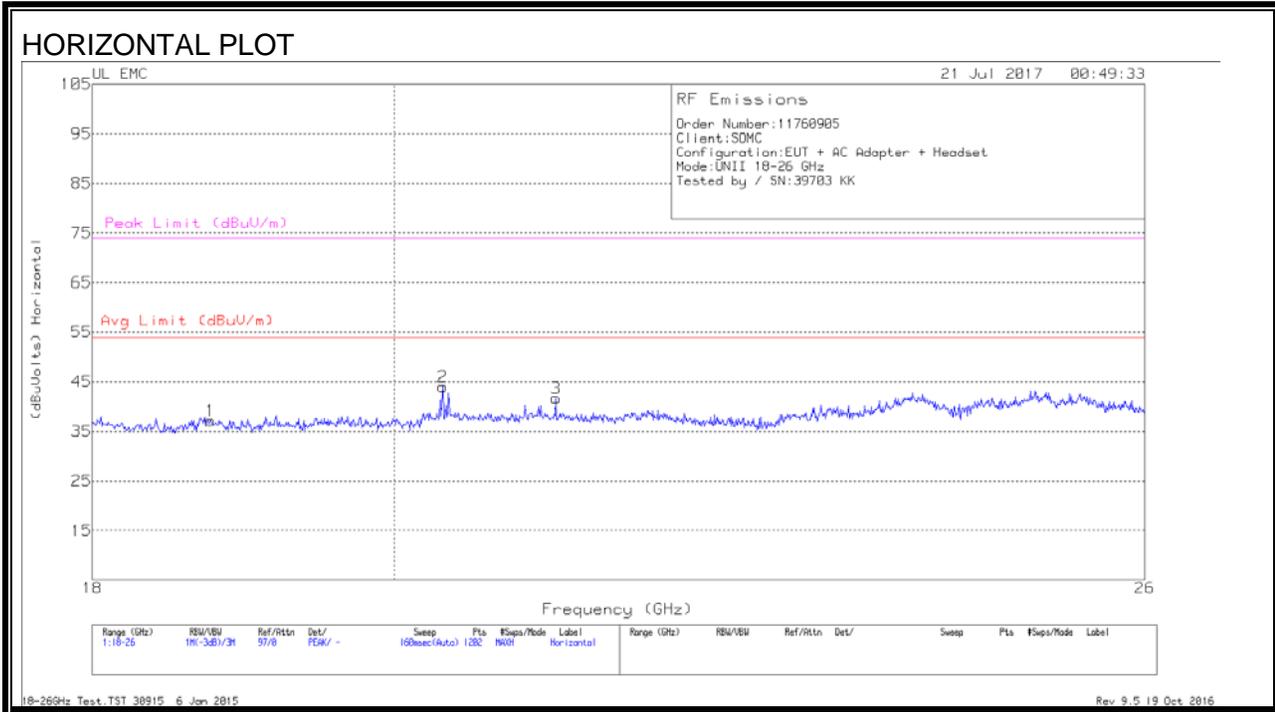
Trace Markers

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
6	* 172.922	33.15	Pk	15.5	-27.1	21.55	43.52	-21.97	0-360	100	V
1	30.6802	29.91	Pk	25	-28.8	26.11	40	-13.89	0-360	200	H
4	31.0628	32.93	Pk	24.6	-28.8	28.73	40	-11.27	0-360	100	V
2	66.8995	37.47	Pk	12.1	-28.3	21.27	40	-18.73	0-360	200	H
5	70.9381	36.78	Pk	12	-28.2	20.58	40	-19.42	0-360	100	V
3	96.4022	36.08	Pk	13.2	-28	21.28	43.52	-22.24	0-360	300	H
7	742.9706	29.46	Pk	24.5	-24.6	29.36	46.02	-16.66	0-360	300	H
8	857.0854	28.26	Pk	25.8	-23.8	30.26	46.02	-15.76	0-360	200	V

Pk - Peak detector

11.4. WORST-CASE 18 to 26 GHz

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



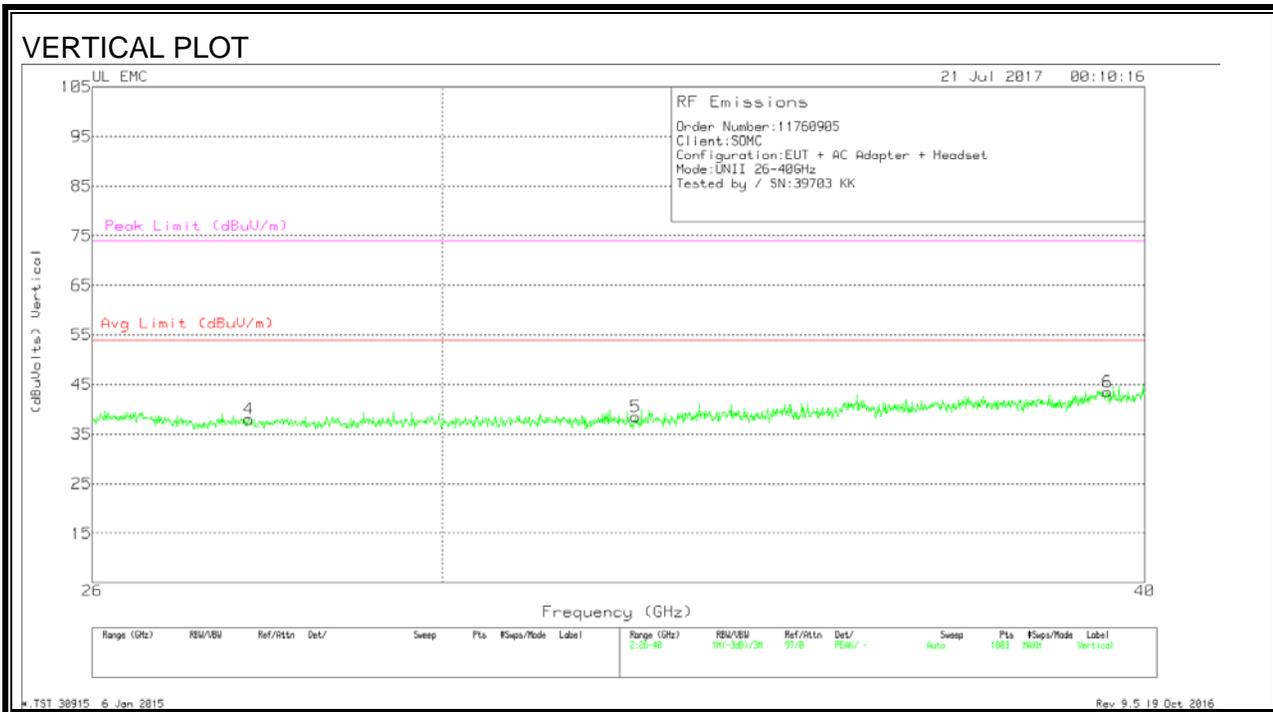
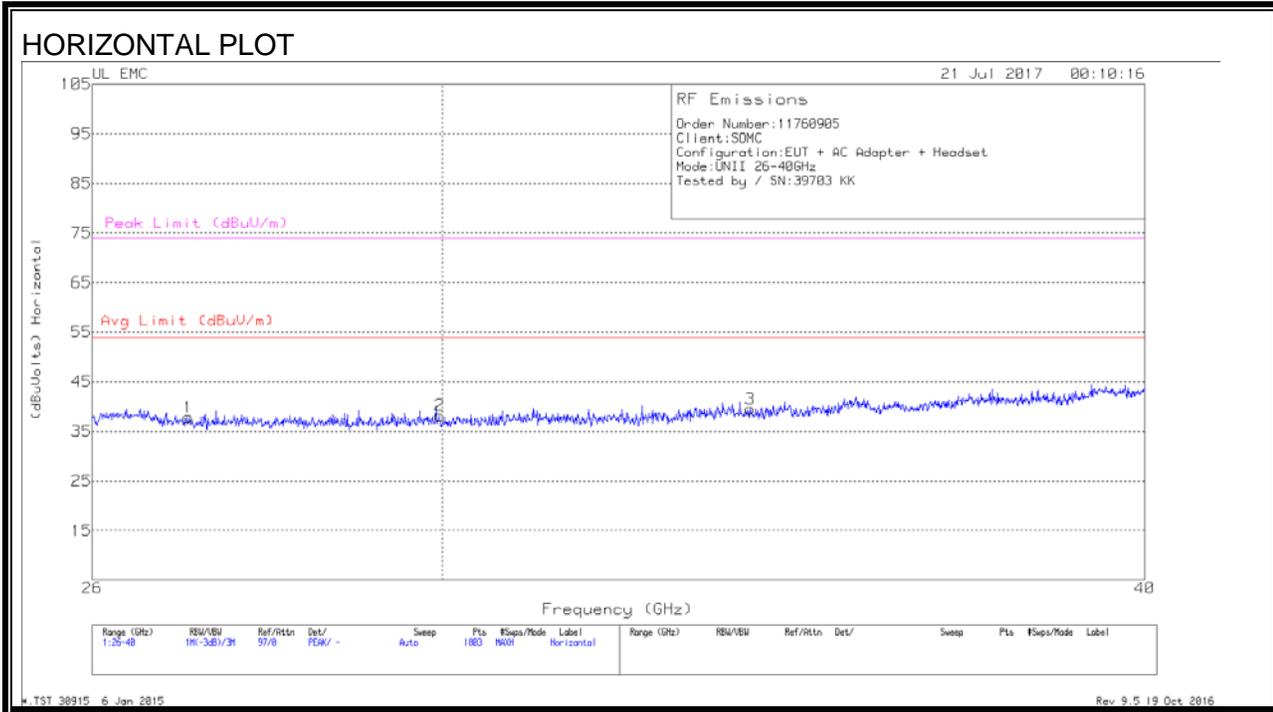
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	18.759	39.07	Pk	32.3	-24.7	-9.5	37.1667	54	-16.8333	74	-36.8333
2	20.345	46	Pk	32.9	-25.4	-9.5	44	54	-10	74	-30
3	21.164	43.27	Pk	33.1	-25.2	-9.5	41.6667	54	-12.3333	74	-32.3333
4	19.166	40.27	Pk	32.6	-24.7	-9.5	38.6667	54	-15.3333	74	-35.3333
5	23.972	42.3	Pk	33.9	-24.2	-9.5	42.5	54	-11.5	74	-31.5
6	25.074	42.3	Pk	34.3	-24.6	-9.5	42.5	54	-11.5	74	-31.5

Pk - Peak detector

11.5. 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	27.041	43.23	Pk	35.5	-31.4	-9.5	37.8333	54	-16.1667	74	-36.1667
2	29.97	44.67	Pk	36	-33	-9.5	38.1667	54	-15.8333	74	-35.8333
3	34.033	45.8	Pk	36.9	-33.7	-9.5	39.5	54	-14.5	74	-34.5
4	27.721	43.3	Pk	35.8	-31.6	-9.5	38	54	-16	74	-36
5	32.472	45	Pk	36.2	-33.2	-9.5	38.5	54	-15.5	74	-35.5
6	39.394	47.2	Pk	37.9	-32.1	-9.5	43.5	54	-10.5	74	-30.5

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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

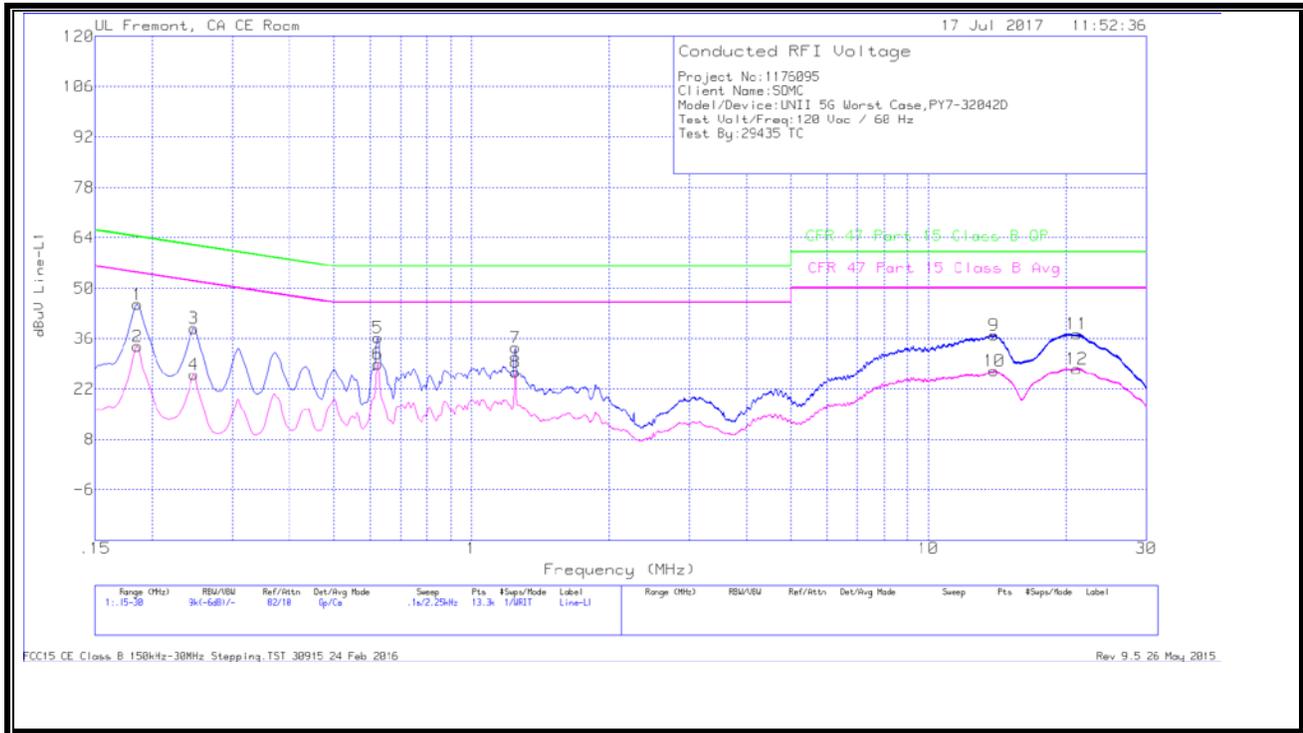
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

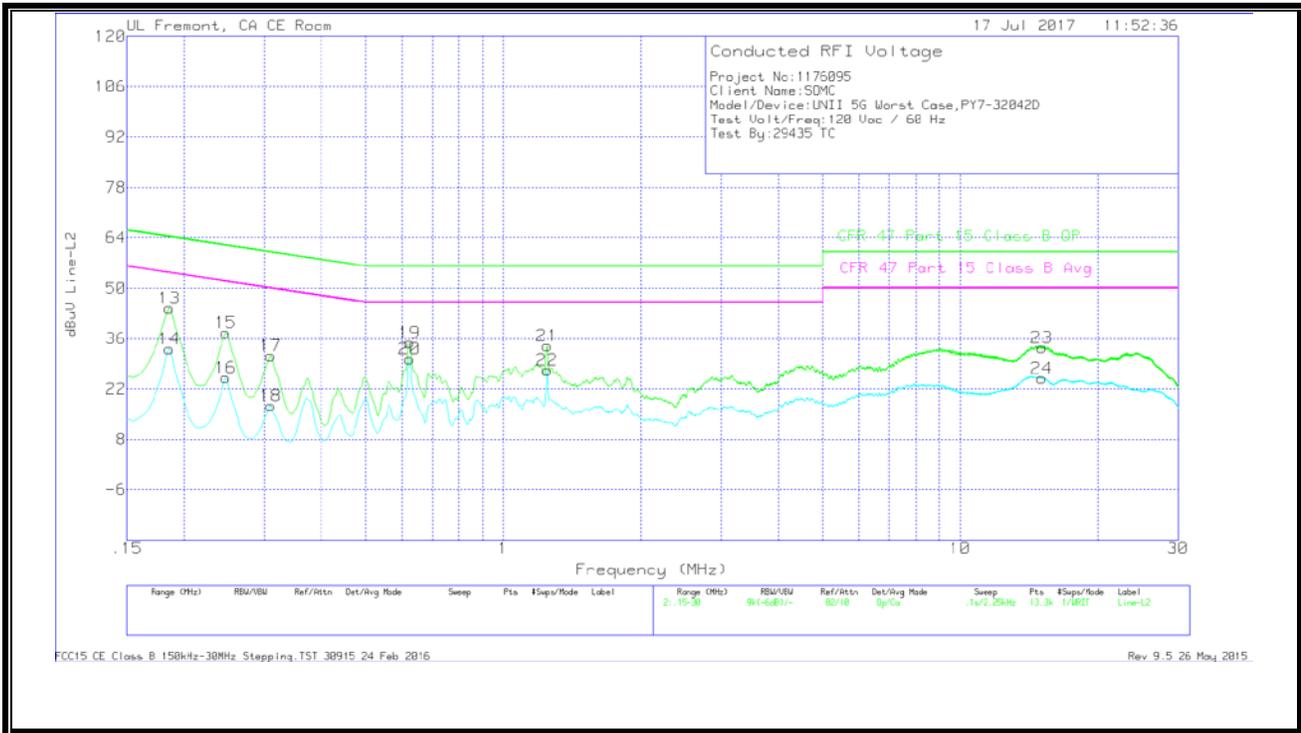
Trace Markers

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	.186	35.29	Qp	0	.1	10.1	45.49	64.21	-18.72	-	-
2	.186	23.56	Ca	0	.1	10.1	33.76	-	-	54.21	-20.45
3	.24675	28.67	Qp	0	.1	10.1	38.87	61.87	-23	-	-
4	.24675	15.8	Ca	0	.1	10.1	26	-	-	51.87	-25.87
5	.6225	26.03	Qp	0	.1	10.1	36.23	56	-19.77	-	-
6	.6225	18.84	Ca	0	.1	10.1	29.04	-	-	46	-16.96
7	1.24575	23.27	Qp	0	.1	10.1	33.47	56	-22.53	-	-
8	1.24575	16.53	Ca	0	.1	10.1	26.73	-	-	46	-19.27
9	13.929	26.4	Qp	.1	.2	10.2	36.9	60	-23.1	-	-
10	13.93013	16.52	Ca	.1	.2	10.2	27.02	-	-	50	-22.98
11	21.1425	26.54	Qp	.1	.3	10.4	37.34	60	-22.66	-	-
12	21.14475	16.83	Ca	.1	.3	10.4	27.63	-	-	50	-22.37

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	.186	34.24	Qp	0	.1	10.1	44.44	64.21	-19.77	-	-	
14	.186	22.89	Ca	0	.1	10.1	33.09	-	-	54.21	-21.12	
15	.24675	27.4	Qp	0	.1	10.1	37.6	61.87	-24.27	-	-	
16	.24675	14.94	Ca	0	.1	10.1	25.14	-	-	51.87	-26.73	
17	.30975	21.06	Qp	0	.1	10.1	31.26	59.98	-28.72	-	-	
18	.30975	7.1	Ca	0	.1	10.1	17.3	-	-	49.98	-32.68	
19	.6225	24.61	Qp	0	.1	10.1	34.81	56	-21.19	-	-	
20	.6225	20.11	Ca	0	.1	10.1	30.31	-	-	46	-15.69	
21	1.24575	23.84	Qp	0	.1	10.1	34.04	56	-21.96	-	-	
22	1.24575	16.97	Ca	0	.1	10.1	27.17	-	-	46	-18.83	
23	15.0765	23.02	Qp	0	.2	10.2	33.42	60	-26.58	-	-	
24	15.08775	14.55	Ca	0	.2	10.2	24.95	-	-	50	-25.05	

Qp - Quasi-Peak detector

Ca - CISPR average detection