

Trace Markers

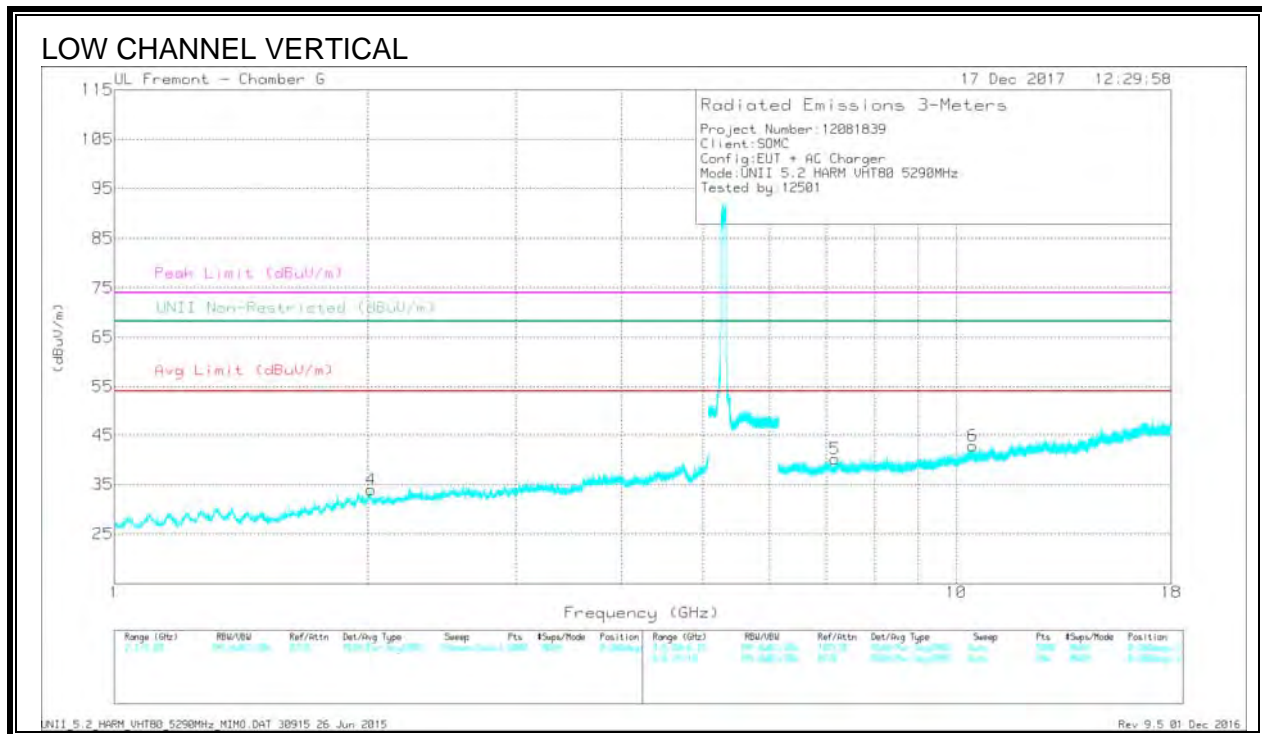
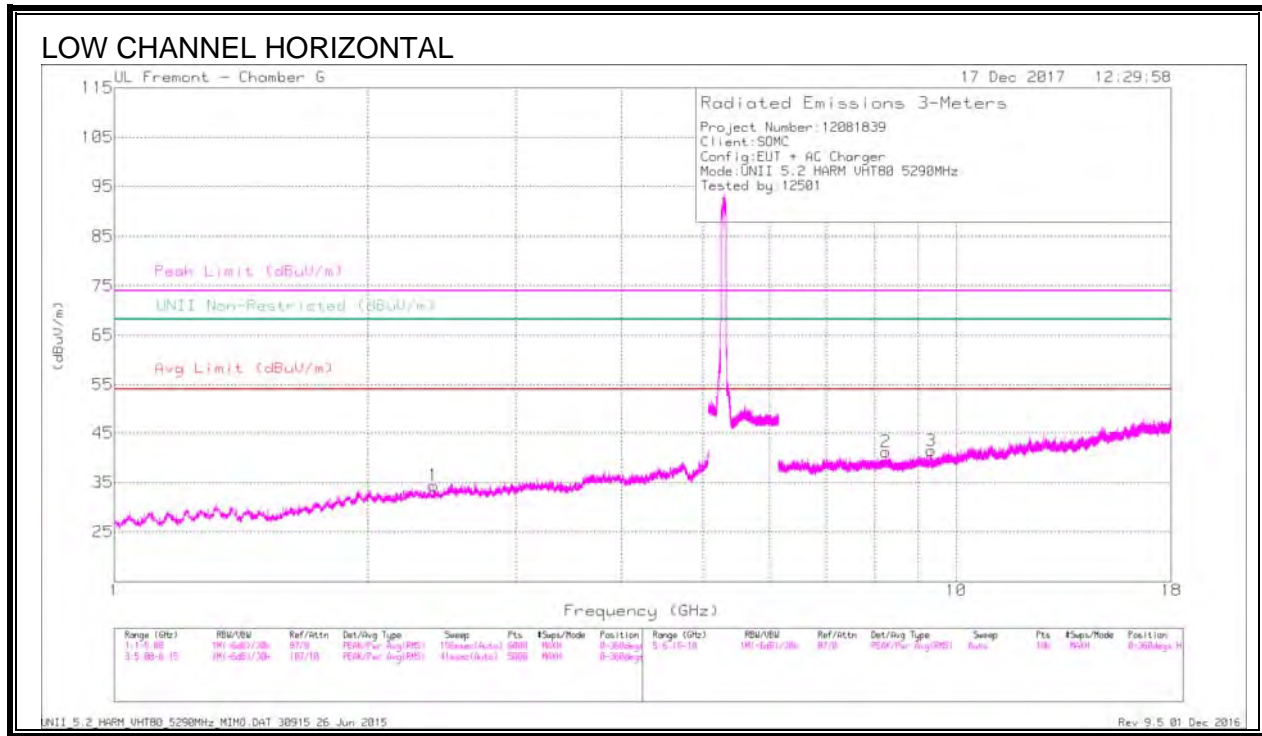
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.8	Pk	34.6	-22.6	0	56.8	-	-	74	-17.2	29	220	V
2	* 5.357	47.07	Pk	34.6	-22.6	0	59.07	-	-	74	-14.93	29	220	V
3	* 5.35	35.44	RMS	34.6	-22.6	.72	48.16	54	-5.84	-	-	29	220	V
4	* 5.351	36.72	RMS	34.6	-22.6	.72	49.44	54	-4.56	-	-	29	220	V

* - indicates frequency in CFR15.205 - Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 8.251	37.71	PK-U	36.1	-27.5	0	46.31	-	-	74	-27.69	-	-	148	142	H
	* 8.251	26.02	ADR	36.1	-27.5	.72	35.34	54	-18.66	-	-	-	-	148	142	H
3	* 9.343	36.83	PK-U	36.5	-26.5	0	46.83	-	-	74	-27.17	-	-	184	220	H
	* 9.342	24.19	ADR	36.5	-26.5	.72	34.91	54	-19.09	-	-	-	-	184	220	H
4	2.019	41.61	PK-U	31.3	-32.7	0	40.21	-	-	-	-	68.2	-27.99	222	341	V
1	2.395	41.06	PK-U	32	-33	0	40.06	-	-	-	-	68.2	-28.14	300	145	H
5	7.18	38.26	PK-U	35.8	-28.7	0	45.36	-	-	-	-	68.2	-22.84	219	236	V
6	10.463	34.69	PK-U	37.5	-24.3	0	47.89	-	-	-	-	68.2	-20.31	89	377	V

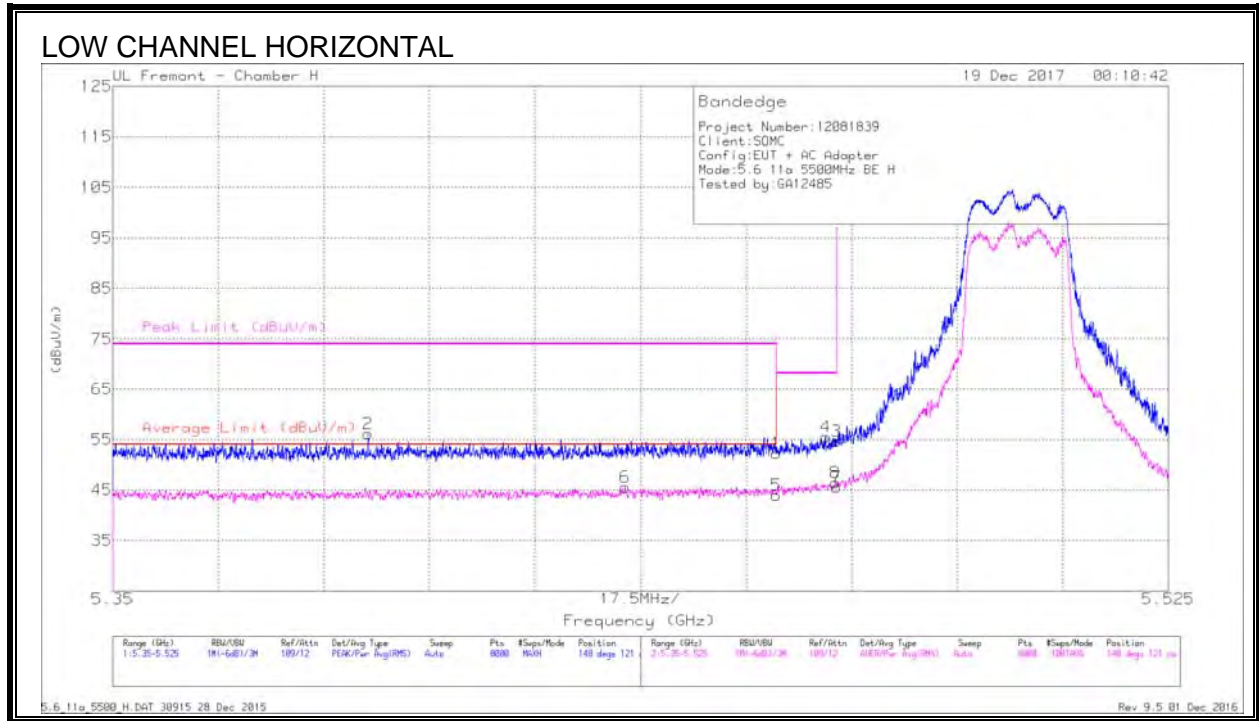
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.1.9. 11a 2TX CDD MIMO MODE IN THE 5.6GHZ BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



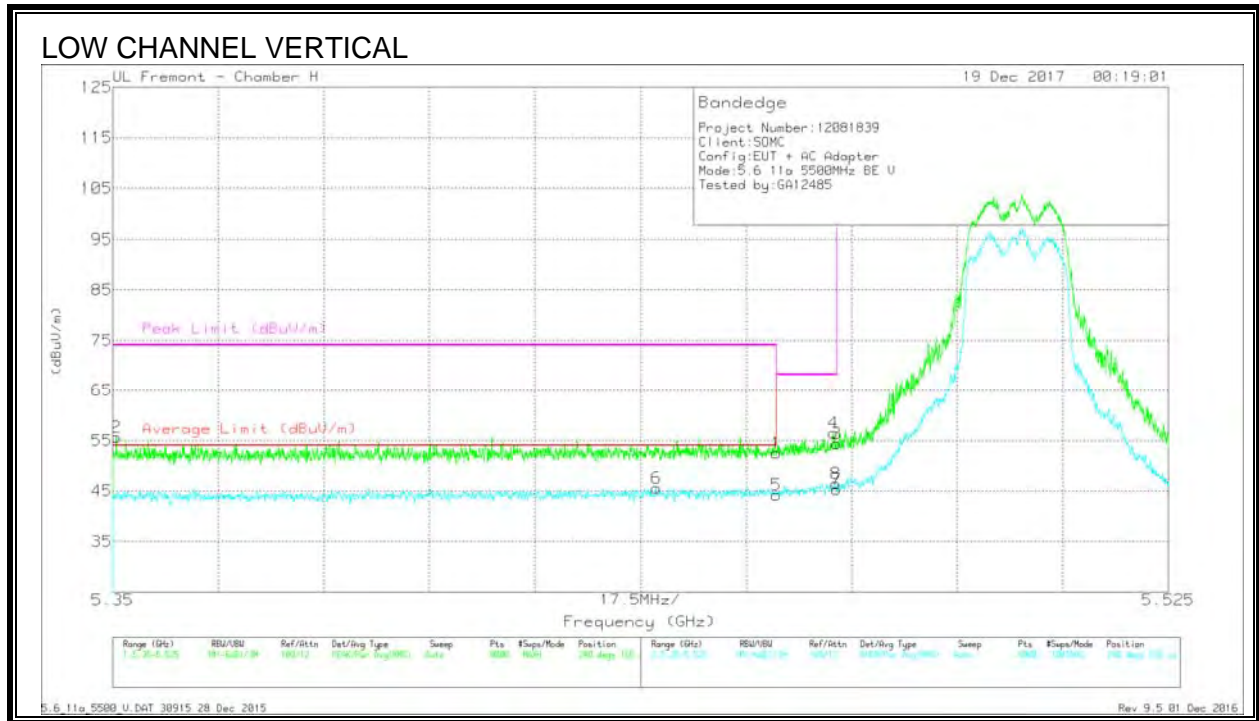
Trace Markers

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
1	* 5.46	36.83	Pk	35.2	-19.7	0	52.33	-	-	74	-21.67	148	121	H
2	* 5.392	40.28	Pk	35	-19.2	0	56.08	-	-	74	-17.92	148	121	H
5	* 5.46	28.48	RMS	35.2	-19.7	.11	44.09	54	-9.91	-	-	148	121	H
6	* 5.435	30.04	RMS	35.1	-19.6	.11	45.65	54	-8.35	-	-	148	121	H
4	5.468	40.03	Pk	35.2	-19.7	0	55.53	-	-	68.2	-12.67	148	121	H
3	5.47	39.11	Pk	35.2	-19.7	0	54.61	-	-	68.2	-13.59	148	121	H
7	5.47	30.13	RMS	35.2	-19.7	.11	45.74	-	-	-	-	148	121	H
8	5.47	30.91	RMS	35.2	-19.7	.11	46.52	-	-	-	-	148	121	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

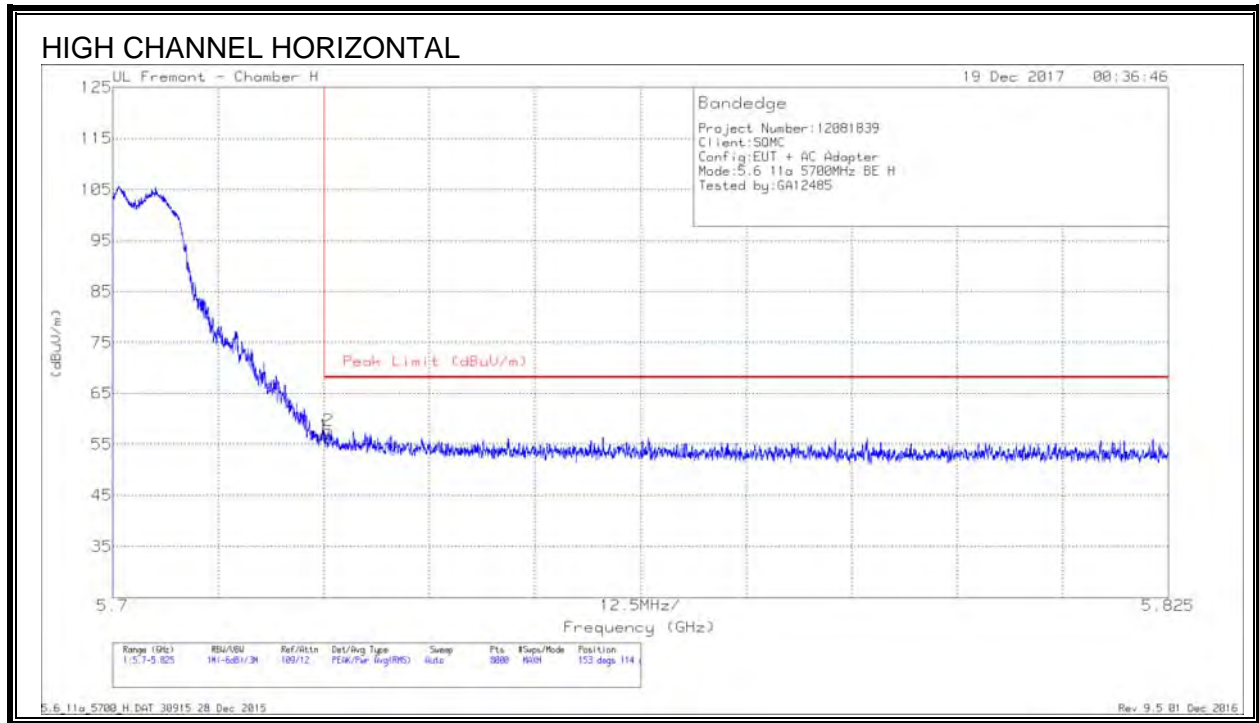


Trace Markers

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
1	* 5.46	37	Pk	35.2	-19.7	0	52.5	-	-	74	-21.5	240	165	V
2	* 5.351	39.86	Pk	34.9	-19.1	0	55.66	-	-	74	-18.34	240	165	V
5	* 5.46	28.75	RMS	35.2	-19.7	.11	44.36	54	-9.64	-	-	240	165	V
6	* 5.44	30.23	RMS	35.1	-19.7	.11	45.74	54	-8.26	-	-	240	165	V
4	5.469	41.1	Pk	35.2	-19.8	0	56.5	-	-	68.2	-11.7	240	165	V
3	5.47	38.92	Pk	35.2	-19.7	0	54.42	-	-	68.2	-13.78	240	165	V
7	5.47	29.81	RMS	35.2	-19.7	.11	45.42	-	-	-	-	240	165	V
8	5.47	30.93	RMS	35.2	-19.7	.11	46.54	-	-	-	-	240	165	V

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

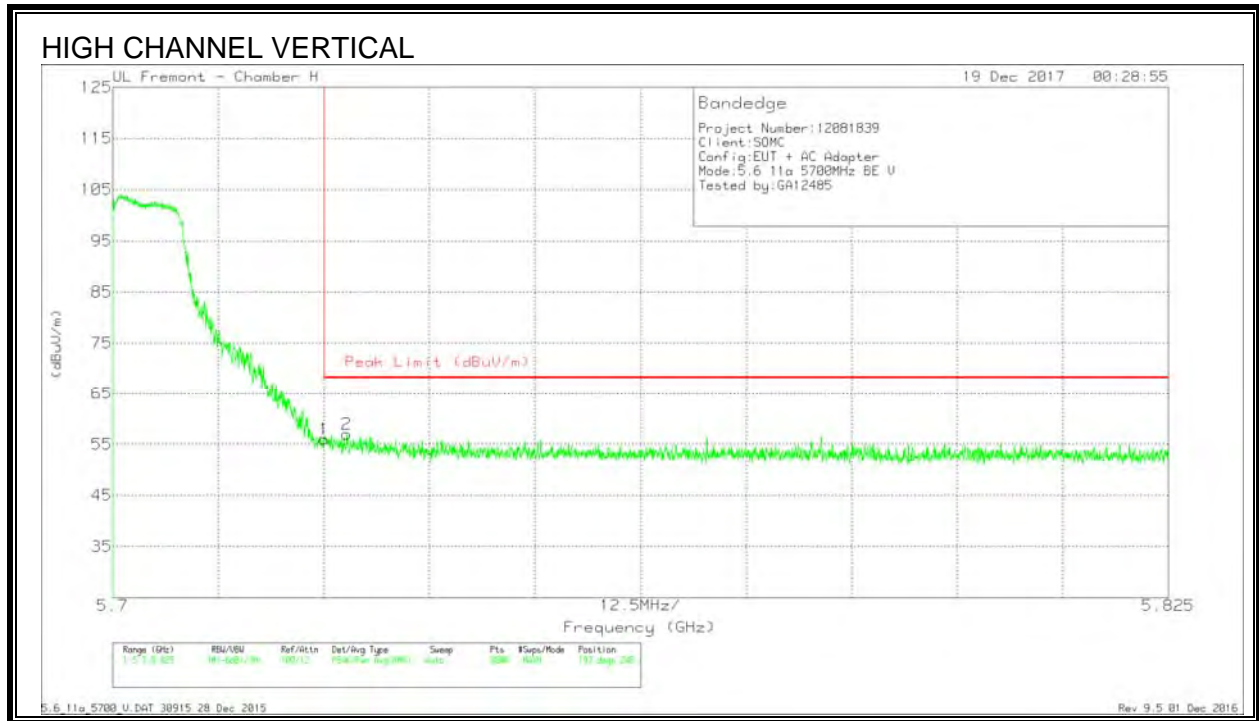
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.99	Pk	35	-20.2	0	56.79	68.2	-11.41	153	114	H
2	5.726	42.91	Pk	35	-20.2	0	57.71	68.2	-10.49	153	114	H

Pk - Peak detector

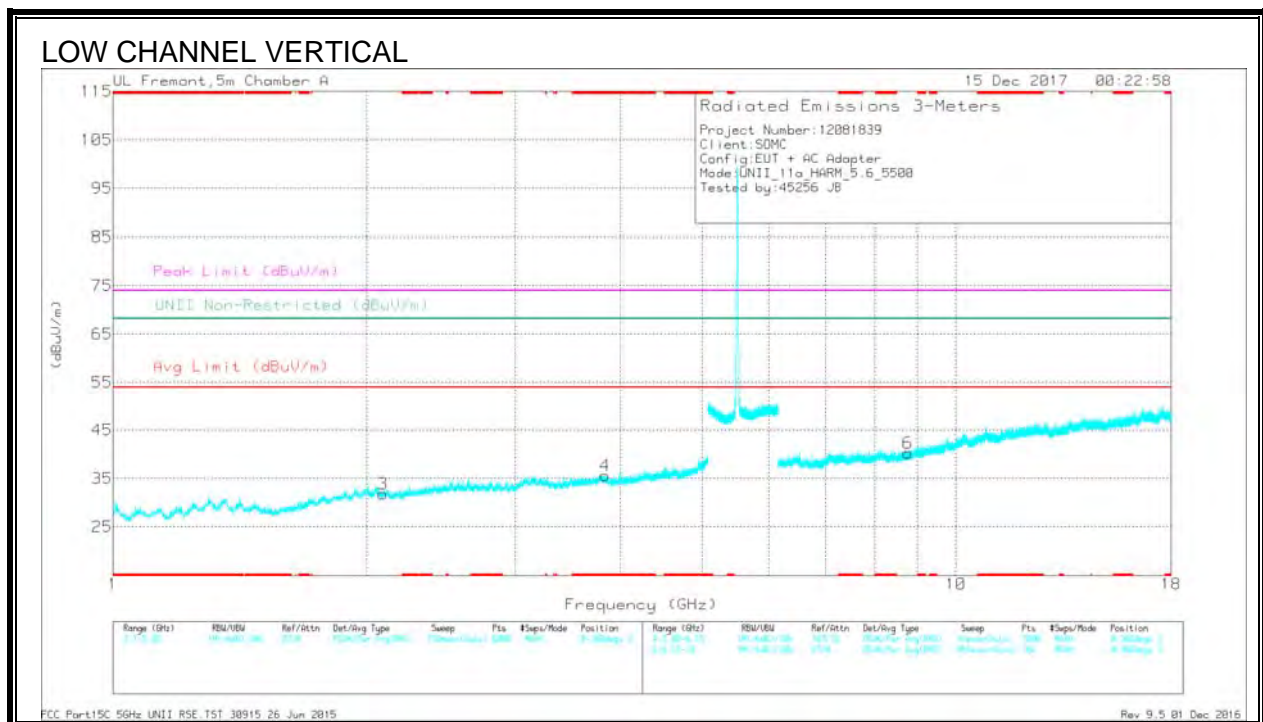
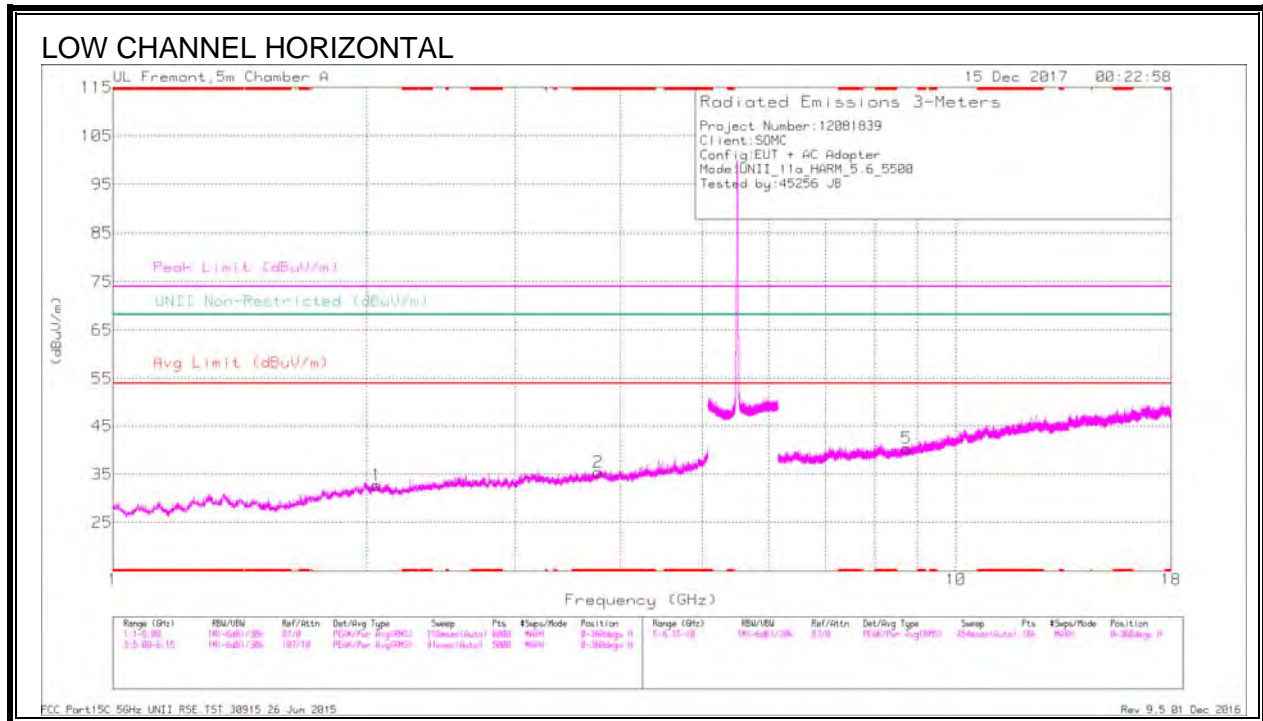


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.21	Pk	35	-20.2	0	56.01	68.2	-12.19	197	248	V
2	5.728	42.27	Pk	35	-20.3	0	56.97	68.2	-11.23	197	248	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



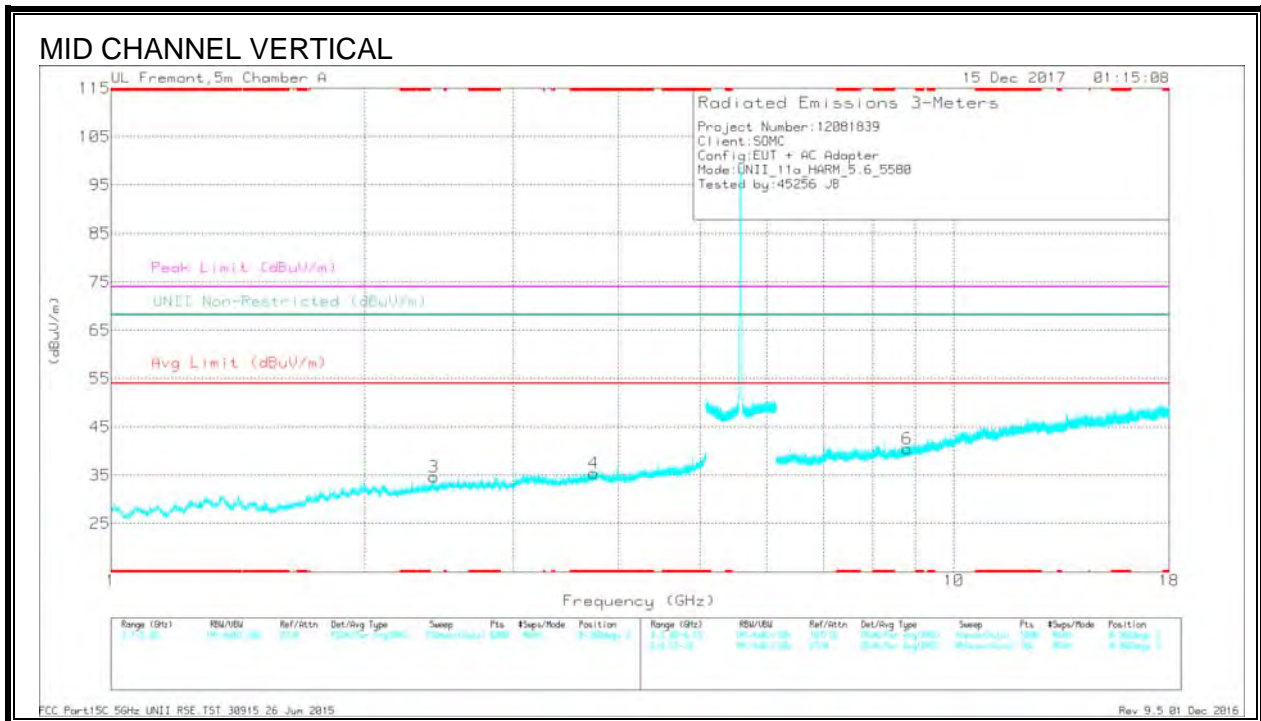
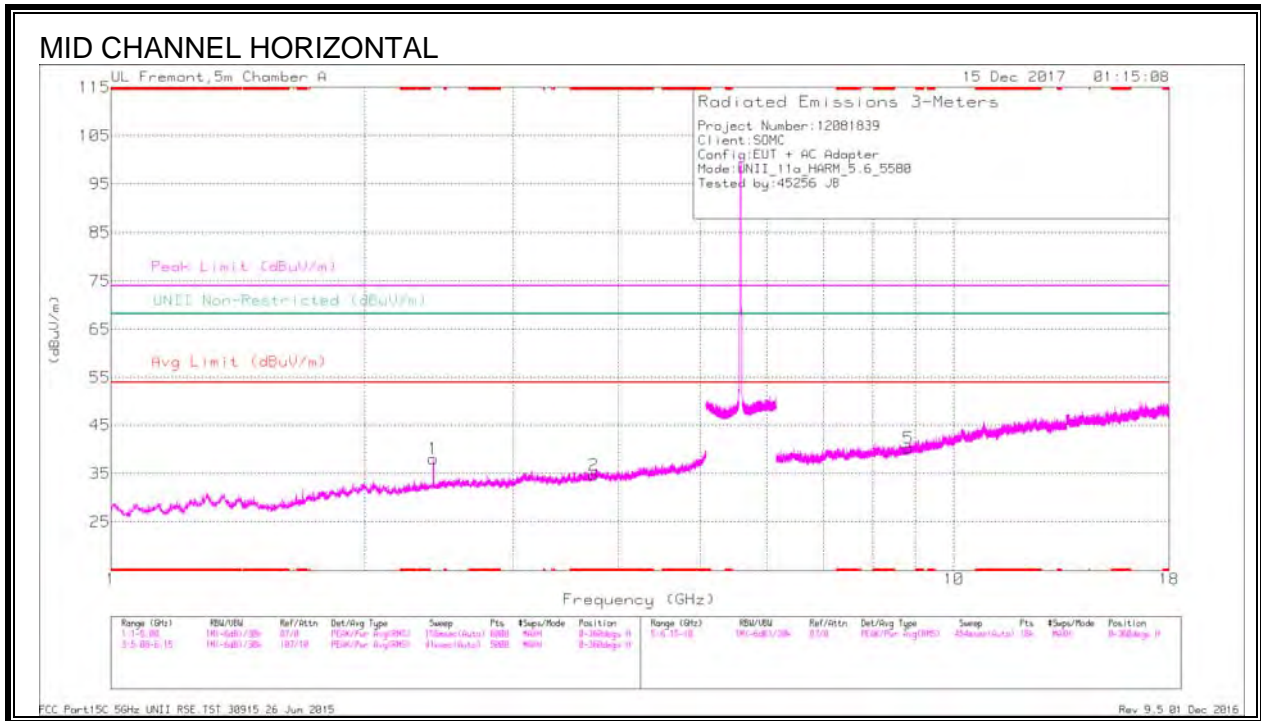
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.767	37.36	PK-U	33.2	-28.3	0	42.26	-	-	74	-31.74	-	-	18	161	H
	* 3.766	25.39	ADR	33.2	-28.3	.11	30.4	54	-23.6	-	-	-	-	18	161	H
4	* 3.838	37.4	PK-U	33	-28.1	0	42.3	-	-	74	-31.7	-	-	284	114	V
	* 3.84	26.21	ADR	33	-28.1	.11	31.22	54	-22.78	-	-	-	-	284	114	V
1	2.055	39.22	PK-U	31.4	-30.1	0	40.52	-	-	-	-	68.2	-27.68	323	229	H
3	2.087	37.27	PK-U	31.2	-30.2	0	38.27	-	-	-	-	68.2	-29.93	117	304	V
5	8.744	32.82	PK-U	36	-22.3	0	46.52	-	-	-	-	68.2	-21.68	283	250	H
6	8.768	32.95	PK-U	36	-22.1	0	46.85	-	-	-	-	68.2	-21.35	209	116	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



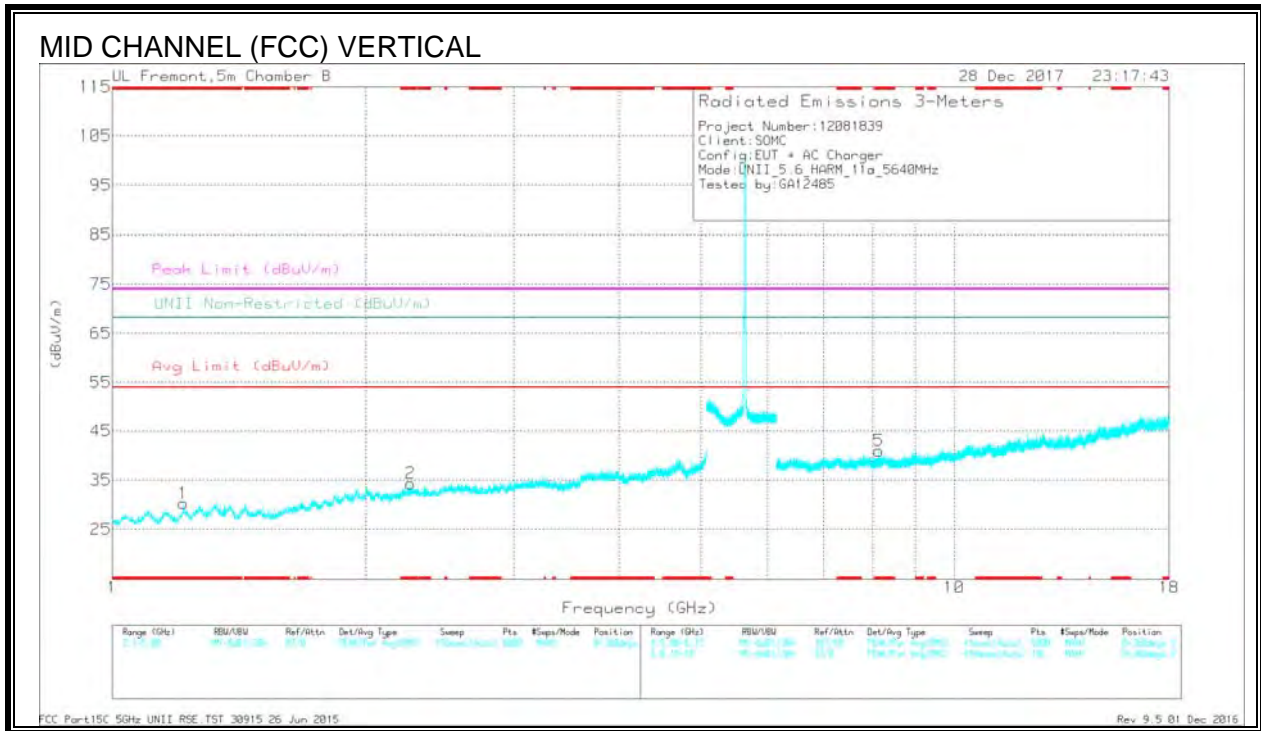
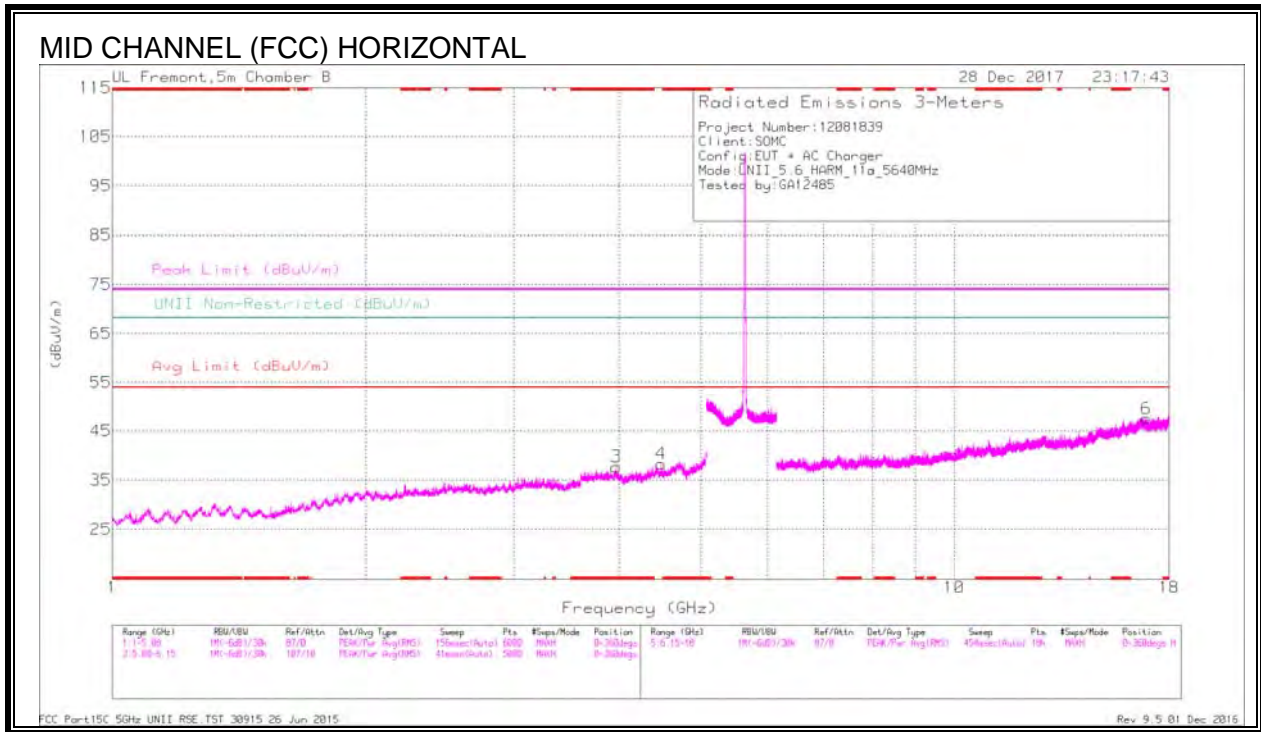
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.737	37.14	PK-U	33.1	-28.5	0	41.74	-	-	74	-32.26	-	-	89	149	H
	* 3.739	25.95	ADR	33.1	-28.5	.11	30.66	54	-23.34	-	-	-	-	89	149	H
4	* 3.739	38.36	PK-U	33.1	-28.5	0	42.96	-	-	74	-31.04	-	-	273	186	V
	* 3.739	25.83	ADR	33.1	-28.5	.11	30.54	54	-23.46	-	-	-	-	273	186	V
1	2.411	42.71	PK-U	31.9	-30.1	0	44.51	-	-	-	-	68.2	-23.69	224	239	H
3	2.414	39.54	PK-U	31.9	-30.2	0	41.24	-	-	-	-	68.2	-26.96	337	164	V
6	8.801	32.51	PK-U	36	-22.3	0	46.21	-	-	-	-	68.2	-21.99	77	111	V
5	8.828	32.81	PK-U	36.1	-22.1	0	46.81	-	-	-	-	68.2	-21.39	201	357	H

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PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



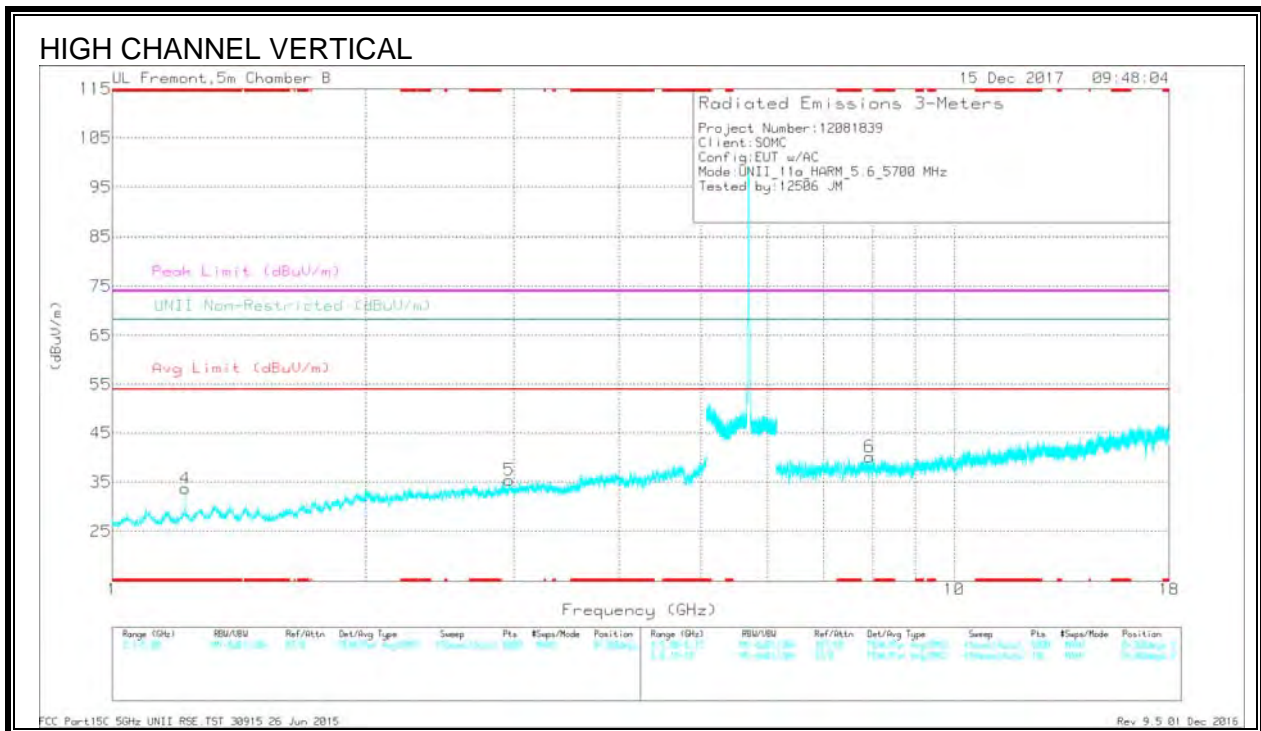
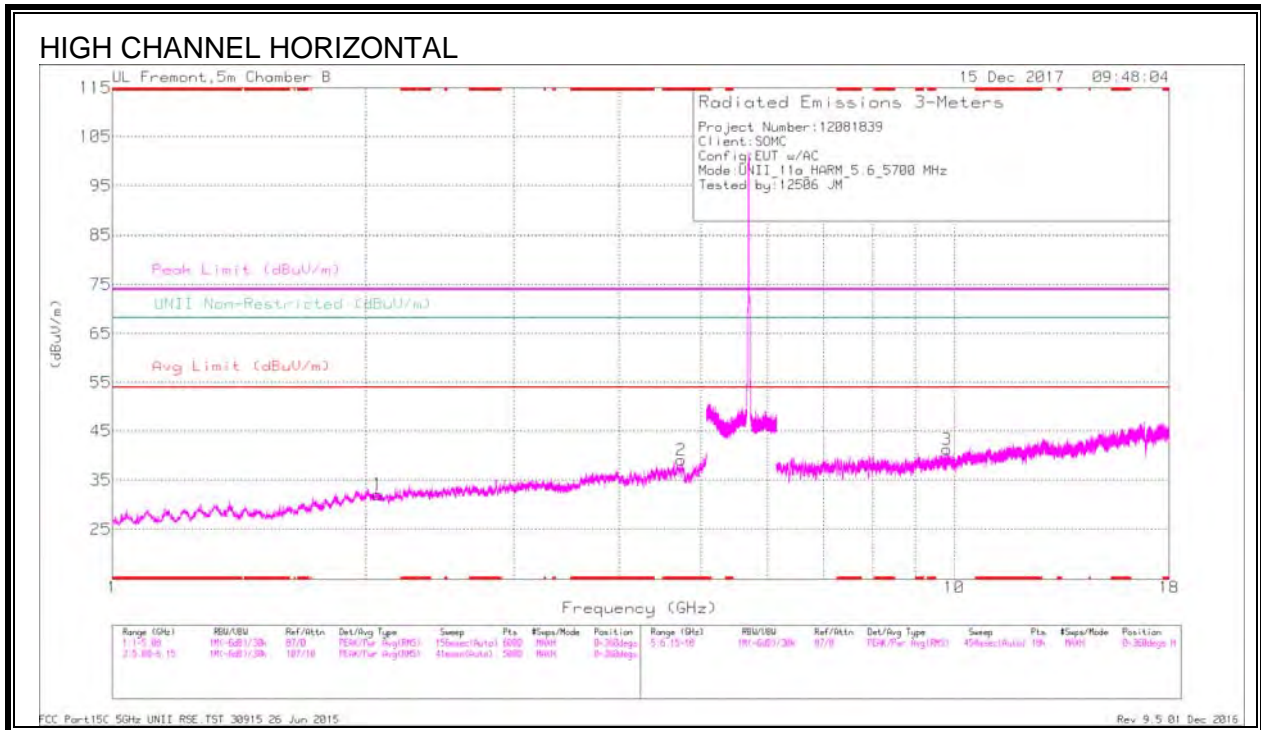
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.966	40.26	PK-U	33.5	-30.5	0	43.26	-	-	74	-30.74	-	-	121	382	H
	* 3.97	28.59	ADR	33.5	-30.4	.11	31.8	54	-22.2	-	-	-	-	121	382	H
1	* 1.214	42.47	PK-U	28.2	-34.4	0	36.27	-	-	74	-37.73	-	-	270	180	V
	* 1.215	30.2	ADR	28.2	-34.4	.11	24.11	54	-29.89	-	-	-	-	270	180	V
2	* 2.263	40.49	PK-U	32	-32.7	0	39.79	-	-	74	-34.21	-	-	165	288	V
	* 2.264	28.36	ADR	32	-32.7	.11	27.77	54	-26.23	-	-	-	-	165	288	V
5	* 8.144	37.59	PK-U	36	-27.8	0	45.79	-	-	74	-28.21	-	-	163	369	V
	* 8.145	25.99	ADR	36	-27.8	.11	34.3	54	-19.7	-	-	-	-	163	369	V
4	4.485	40.67	PK-U	33.9	-30.6	0	43.97	-	-	-	-	68.2	-24.23	9	363	H
6	16.922	33.38	PK-U	42.2	-22.3	0	53.28	-	-	-	-	68.2	-14.92	307	104	H

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PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



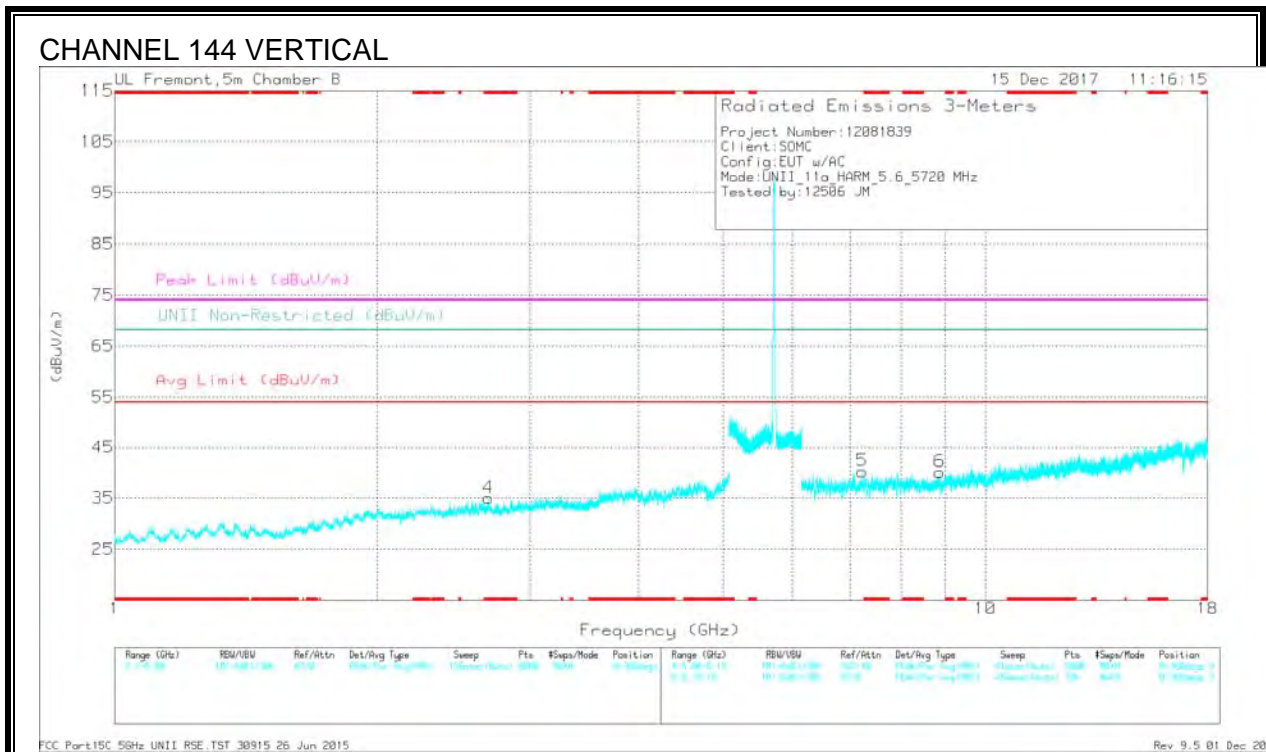
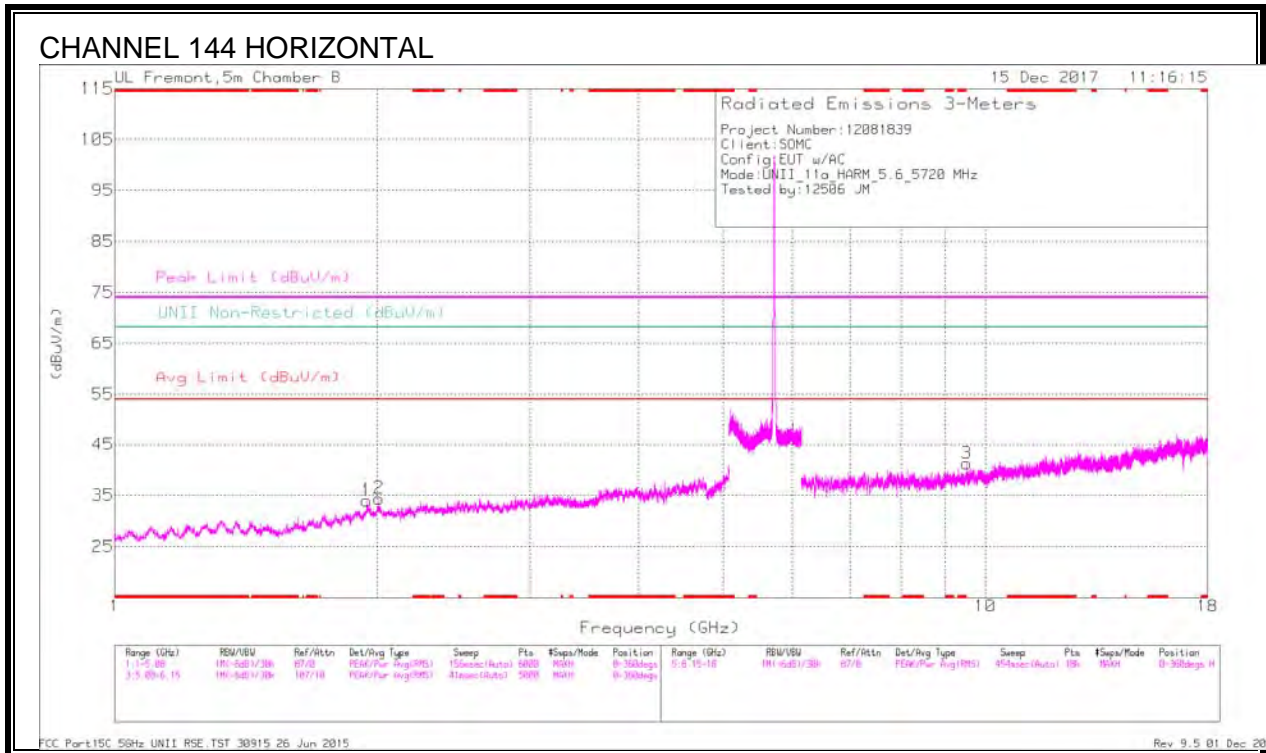
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.739	39.06	PK-U	34.2	-28.9	0	44.36	-	-	74	-29.64	-	-	182	242	H
	* 4.741	27.61	ADR	34.2	-29	.11	32.92	54	-21.08	-	-	-	-	182	242	H
4	* 1.219	41.82	PK-U	28.3	-34.2	0	35.92	-	-	74	-38.08	-	-	240	177	V
	* 1.219	29.81	ADR	28.3	-34.2	.11	24.02	54	-29.98	-	-	-	-	240	177	V
1	2.067	41.16	PK-U	31.4	-33	0	39.56	-	-	-	-	68.2	-28.64	165	232	H
5	2.962	39.57	PK-U	32.7	-31.8	0	40.47	-	-	-	-	68.2	-27.73	180	191	V
6	7.929	36.45	PK-U	36	-25.3	0	47.15	-	-	-	-	68.2	-21.05	0	199	V
3	9.805	32.76	PK-U	36.9	-23.6	0	46.06	-	-	-	-	68.2	-22.14	335	104	H

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PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.686	40.17	PK-U	32.4	-31.8	0	40.77	-	-	74	-33.23	-	-	299	165	V
	* 2.688	27.84	ADR	32.4	-31.8	.11	28.55	54	-25.45	-	-	-	-	299	165	V
1	1.948	40.2	PK-U	31.1	-32	0	39.3	-	-	-	-	68.2	-28.9	284	379	H
2	2.012	40.18	PK-U	31.3	-32	0	39.48	-	-	-	-	68.2	-28.72	149	159	H
5	7.222	35.41	PK-U	35.8	-26.3	0	44.91	-	-	-	-	68.2	-23.29	235	252	V
6	8.866	34.02	PK-U	36.2	-24.7	0	45.52	-	-	-	-	68.2	-22.68	248	201	V
3	9.515	33.55	PK-U	36.7	-24.3	0	45.95	-	-	-	-	68.2	-22.25	235	309	H

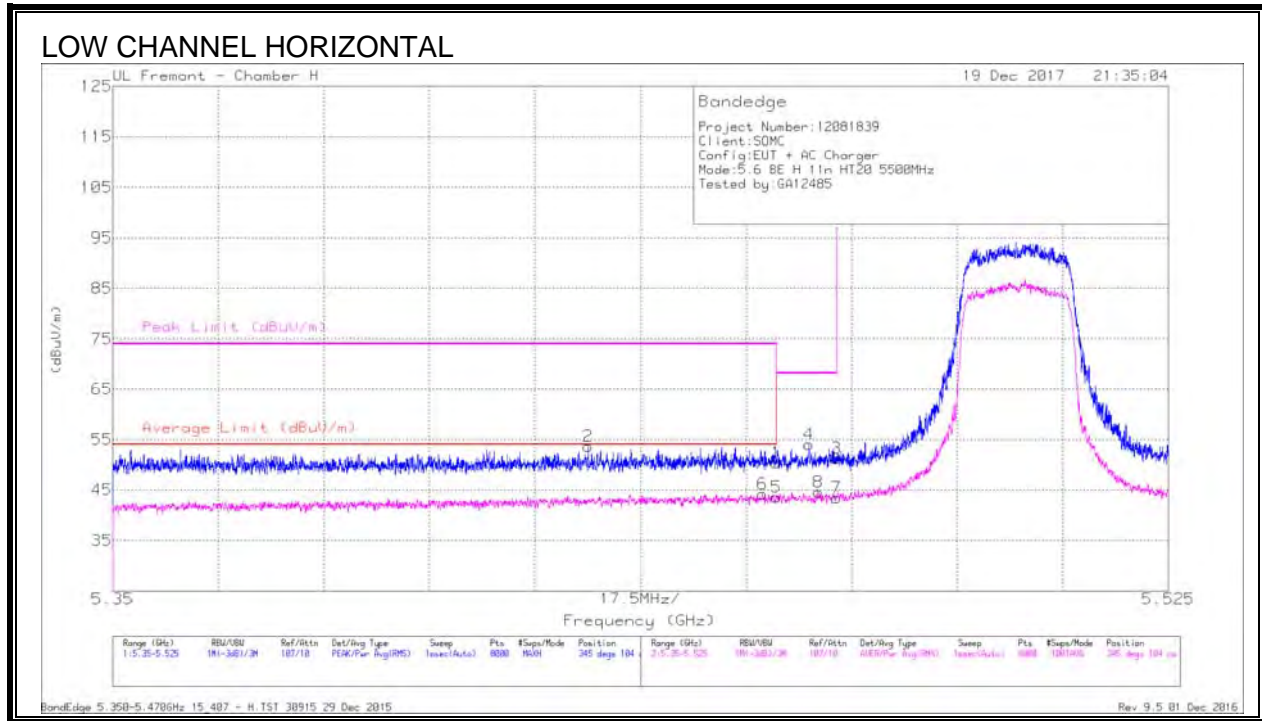
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



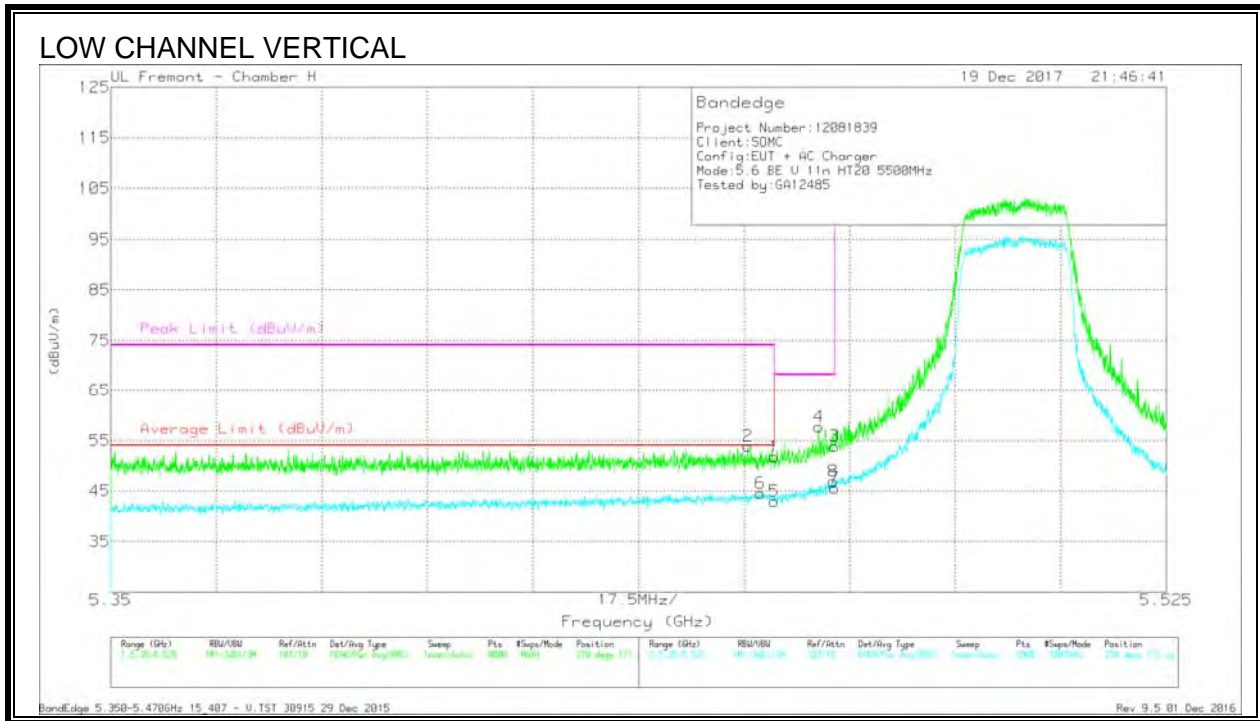
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.57	Pk	34.7	-23.8	0	50.47	-	-	74	-23.53	345	104	H
2	* 5.429	42.99	Pk	34.7	-24	0	53.69	-	-	74	-20.31	345	104	H
5	* 5.46	32.6	RMS	34.7	-23.8	.14	43.64	54	-10.36	-	-	345	104	H
6	* 5.458	33.17	RMS	34.7	-23.8	.14	44.21	54	-9.79	-	-	345	104	H
4	5.465	43.07	Pk	34.7	-23.8	0	53.97	-	-	68.2	-14.23	345	104	H
8	5.467	33.55	RMS	34.7	-23.8	.14	44.59	-	-	-	-	345	104	H
3	5.47	40.35	Pk	34.7	-23.8	0	51.25	-	-	68.2	-16.95	345	104	H
7	5.47	32.39	RMS	34.7	-23.8	.14	43.43	-	-	-	-	345	104	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

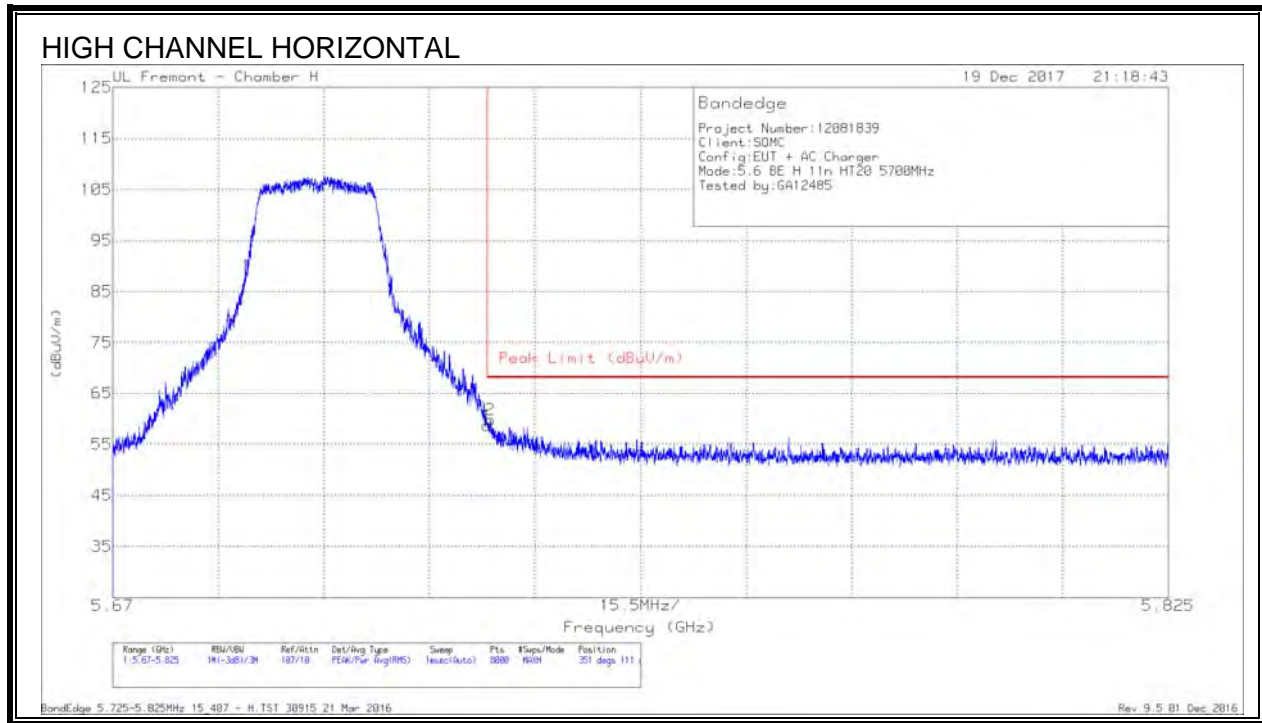


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.86	Pk	34.7	-23.8	0	51.76	-	-	74	-22.24	270	171	V
2	* 5.456	43	Pk	34.7	-23.8	0	53.9	-	-	74	-20.1	270	171	V
5	* 5.46	32.06	RMS	34.7	-23.8	.14	43.1	54	-10.9	-	-	270	171	V
6	* 5.458	33.66	RMS	34.7	-23.8	.14	44.7	54	-9.3	-	-	270	171	V
4	5.467	46.83	Pk	34.7	-23.8	0	57.73	-	-	68.2	-10.47	270	171	V
3	5.47	42.95	Pk	34.7	-23.8	0	53.85	-	-	68.2	-14.35	270	171	V
7	5.47	34.65	RMS	34.7	-23.8	.14	45.69	-	-	-	-	270	171	V
8	5.47	36.02	RMS	34.7	-23.8	.14	47.06	-	-	-	-	270	171	V

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

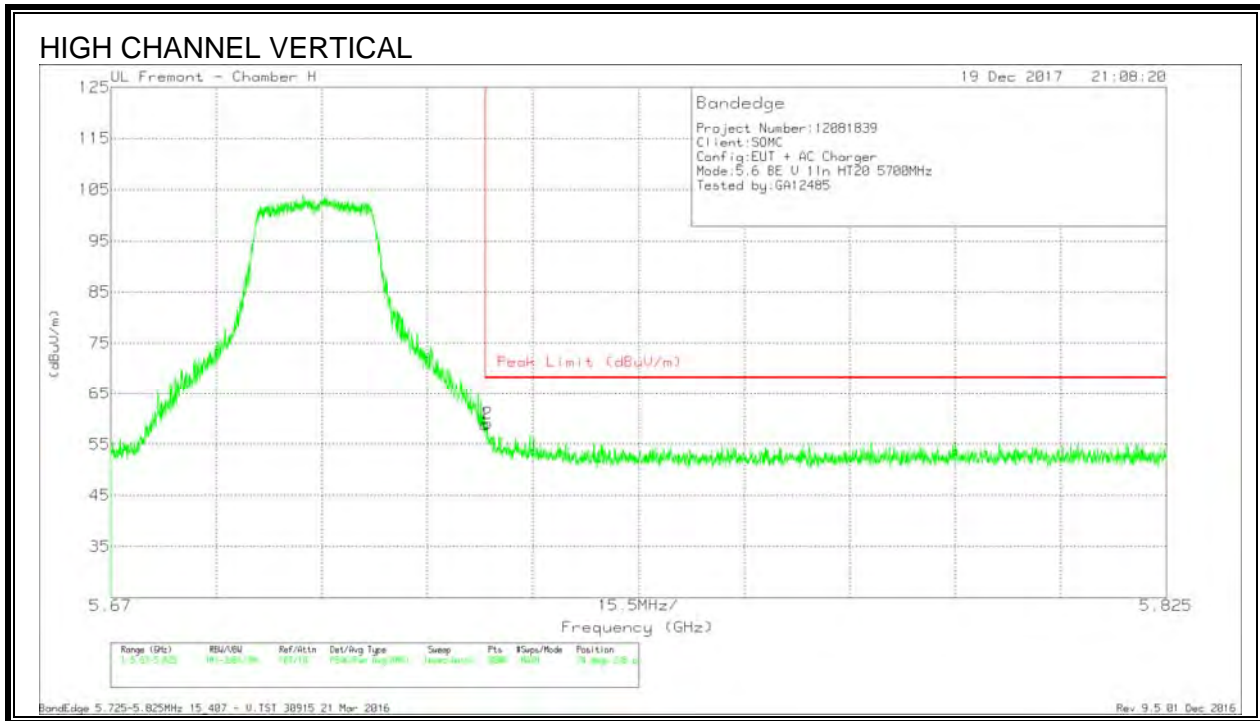
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.16	Pk	35.1	-23.5	0	58.76	68.2	-9.44	351	111	H
2	5.725	48.17	Pk	35.1	-23.5	0	59.77	68.2	-8.43	351	111	H

Pk - Peak detector

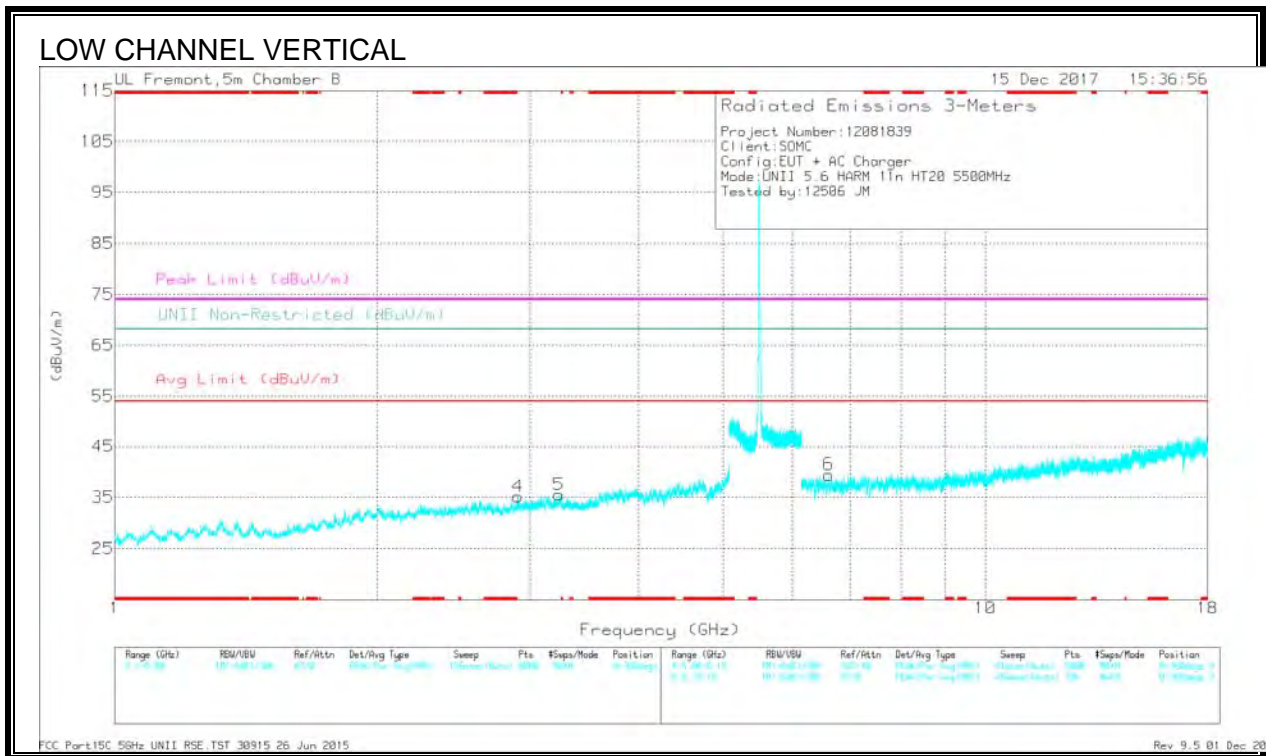
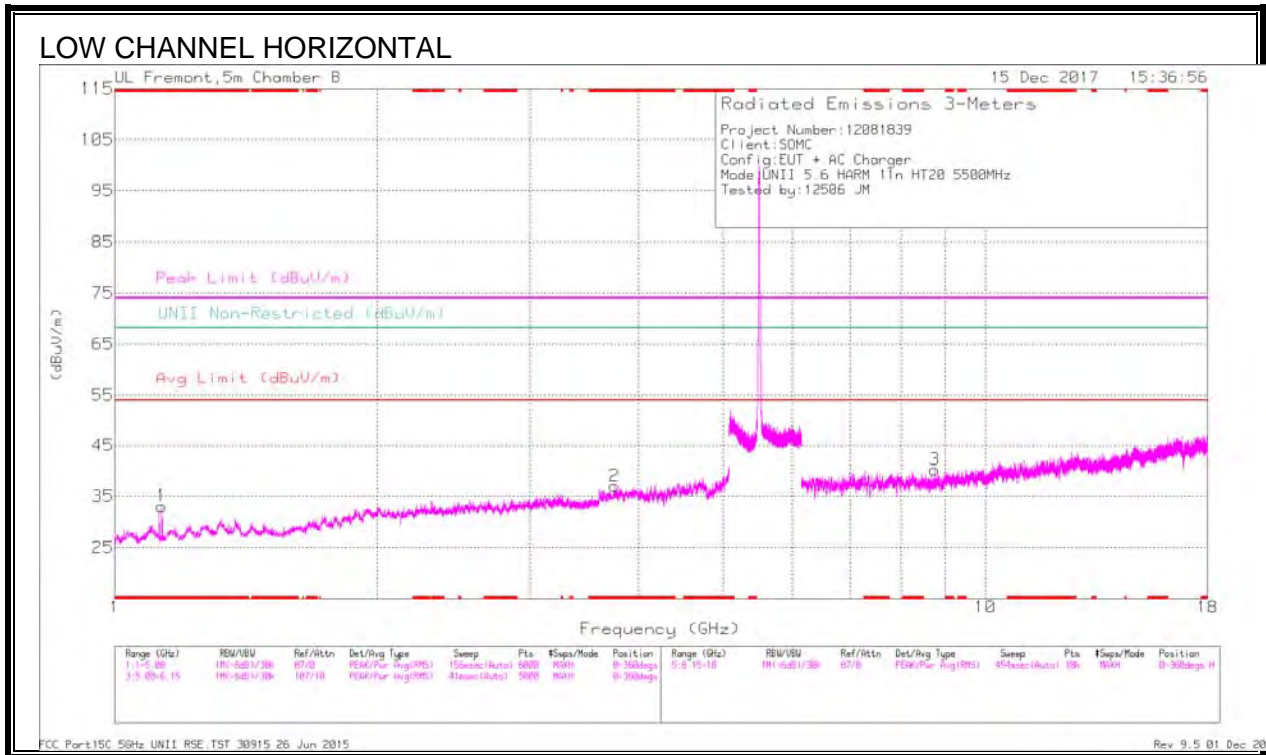


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fltr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.23	Pk	35.1	-23.5	0	58.83	68.2	-9.37	74	246	V
2	5.725	47.5	Pk	35.1	-23.5	0	59.1	68.2	-9.1	74	246	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



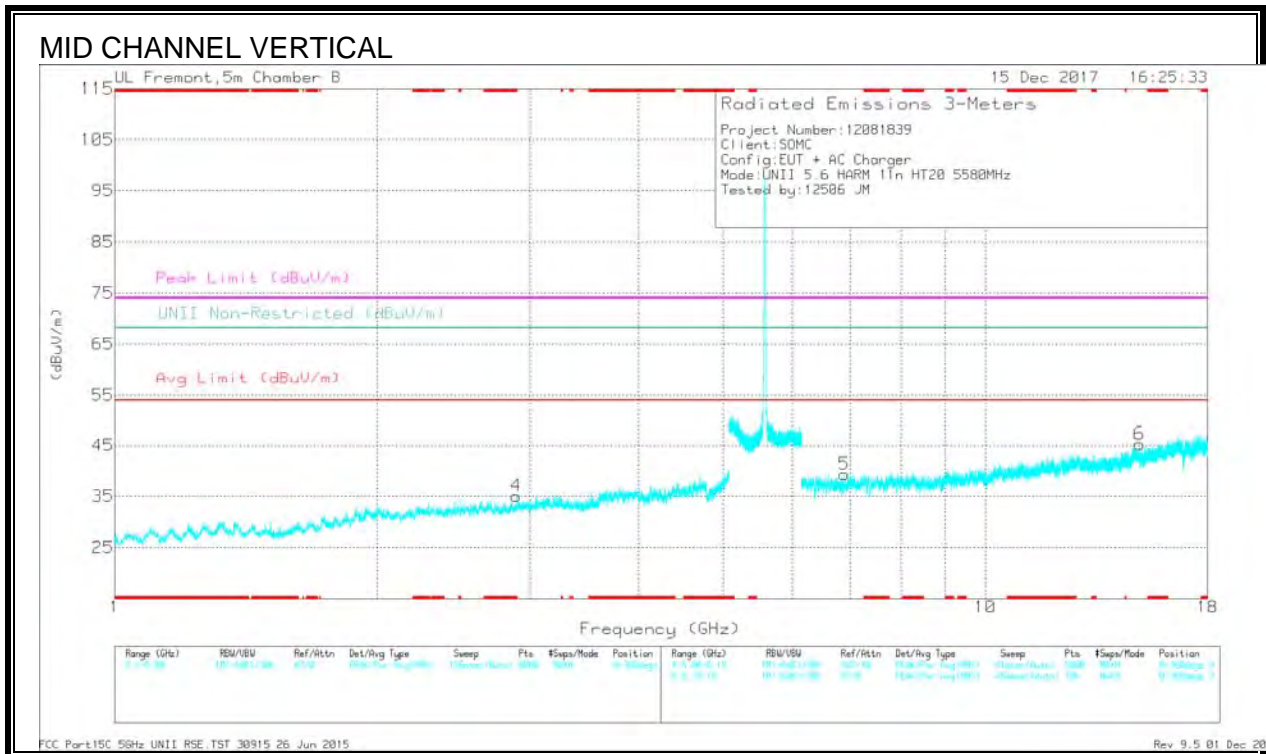
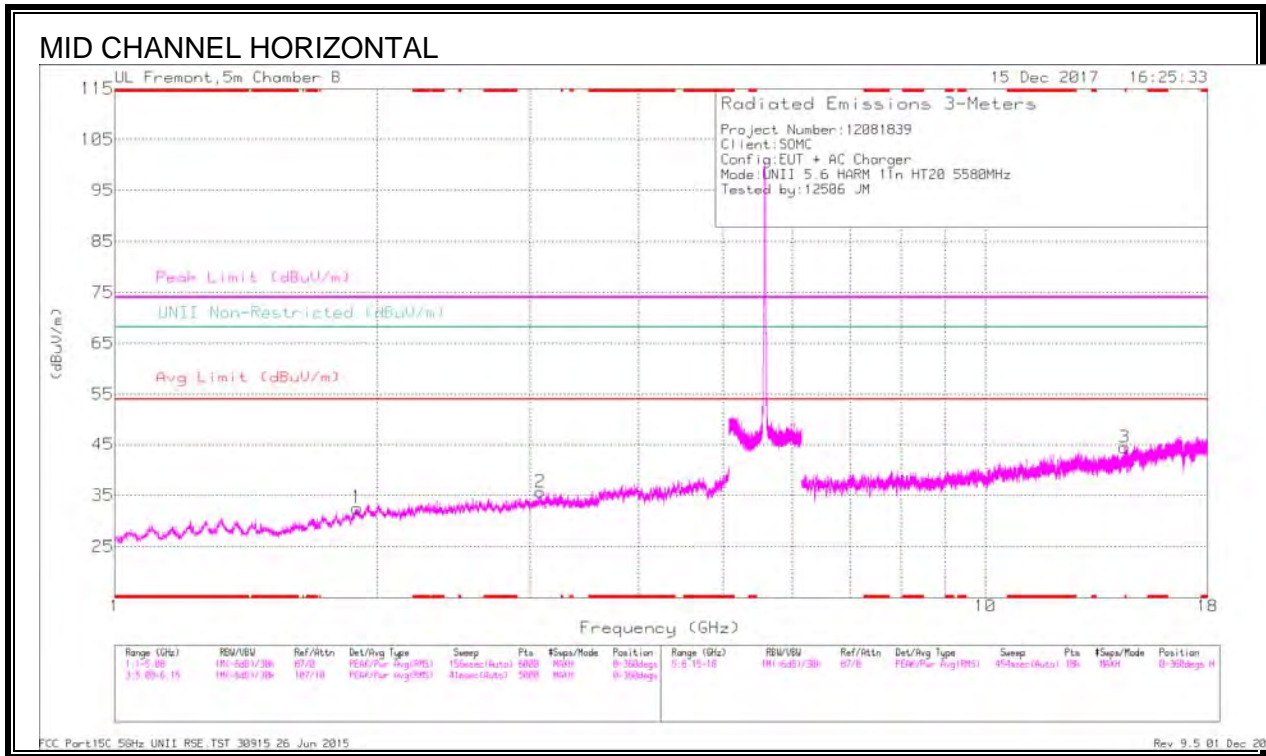
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.131	40.38	PK-U	27.5	-34	0	33.88	-	-	74	-40.12	-	-	261	319	H
	* 1.133	28.57	ADR	27.5	-34	.14	22.21	54	-31.79	-	-	-	-	261	319	H
2	* 3.751	39.48	PK-U	33.4	-30.5	0	42.38	-	-	74	-31.62	-	-	288	343	H
	* 3.752	27.27	ADR	33.4	-30.5	.14	30.31	54	-23.69	-	-	-	-	288	343	H
4	2.906	39.43	PK-U	32.5	-31.1	0	40.83	-	-	-	-	68.2	-27.37	287	154	V
5	3.238	38.92	PK-U	33.1	-30.8	0	41.22	-	-	-	-	68.2	-26.98	291	138	V
6	6.61	36.75	PK-U	35.7	-26.9	0	45.55	-	-	-	-	68.2	-22.65	310	162	V
3	8.744	34.36	PK-U	36.2	-25.1	0	45.46	-	-	-	-	68.2	-22.74	340	147	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



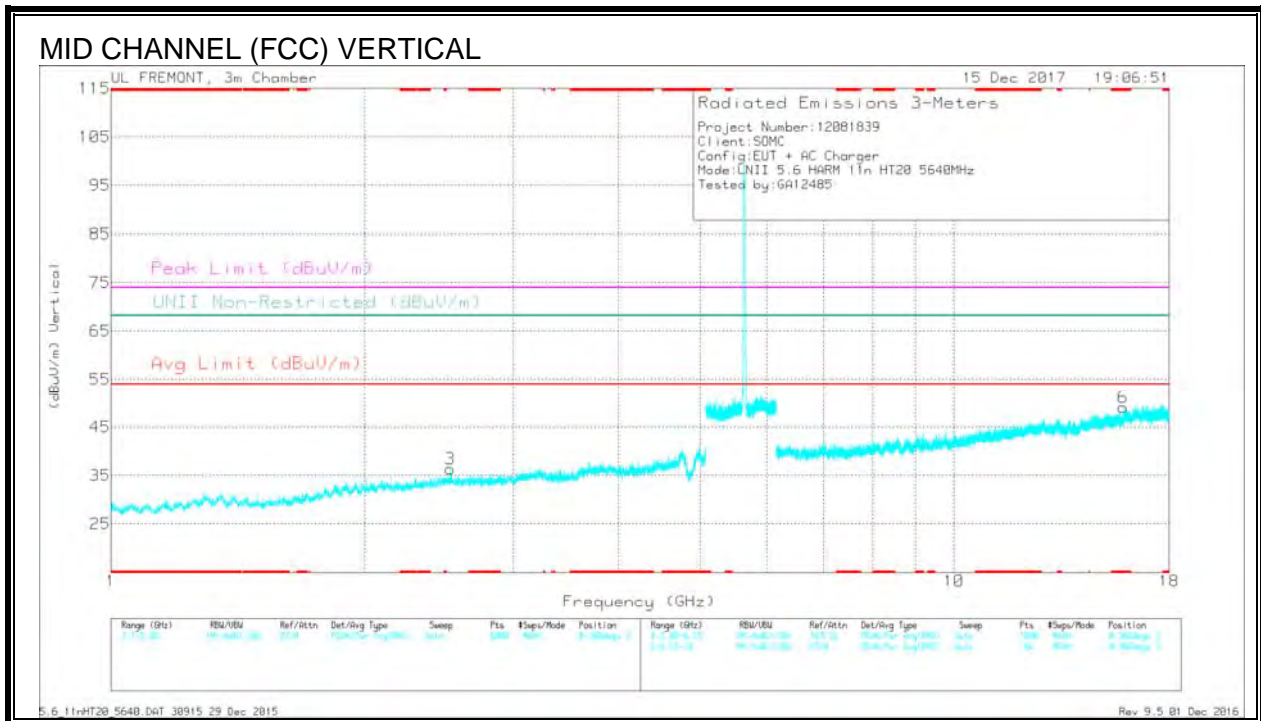
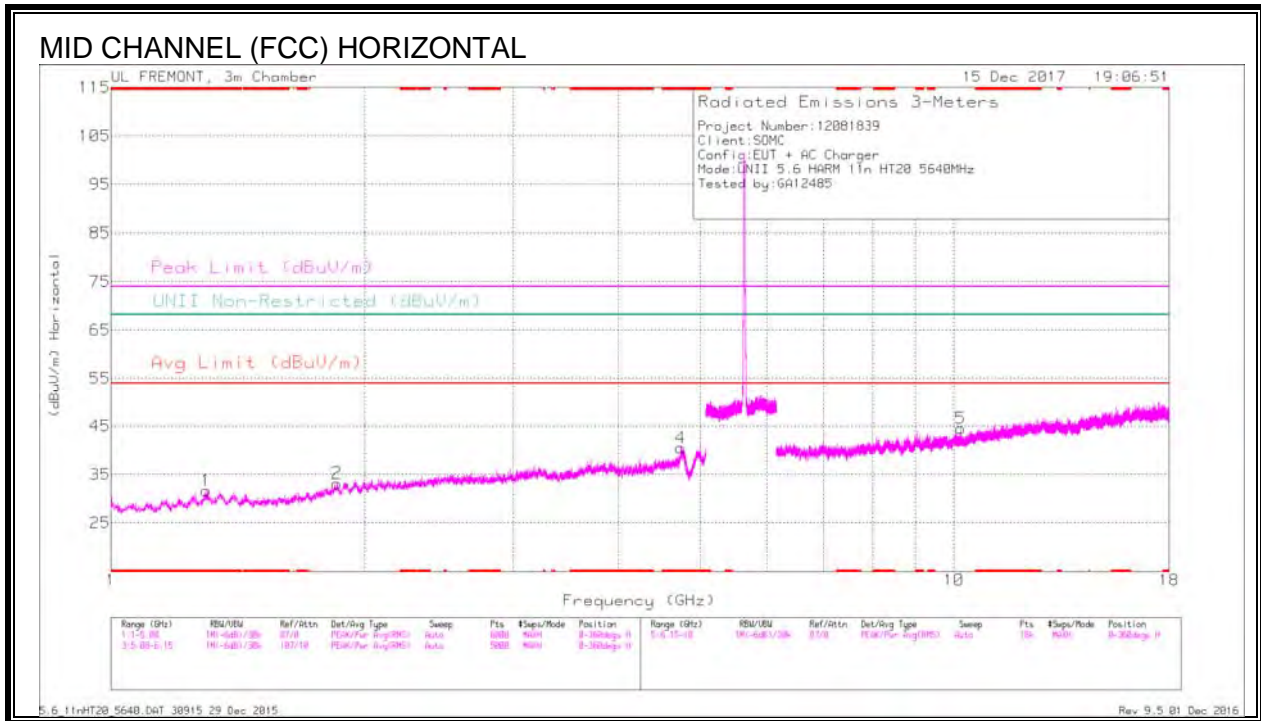
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.89	39.17	PK-U	32.5	-31.4	0	40.27	-	-	74	-33.73	-	-	272	156	V
	* 2.89	27.05	ADR	32.5	-31.4	.14	28.29	54	-25.71	-	-	-	-	272	156	V
1	1.899	40.61	PK-U	30.9	-32.6	0	38.91	-	-	-	-	68.2	-29.29	194	154	H
2	3.082	39.41	PK-U	33.2	-31.5	0	41.11	-	-	-	-	68.2	-27.09	191	190	H
5	6.892	37.1	PK-U	35.8	-28.2	0	44.7	-	-	-	-	68.2	-23.5	232	147	V
3	14.448	30.88	PK-U	39.8	-20.9	0	49.78	-	-	-	-	68.2	-18.42	216	165	H
6	15.035	30.49	PK-U	40.6	-20.8	0	50.29	-	-	-	-	68.2	-17.91	255	156	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

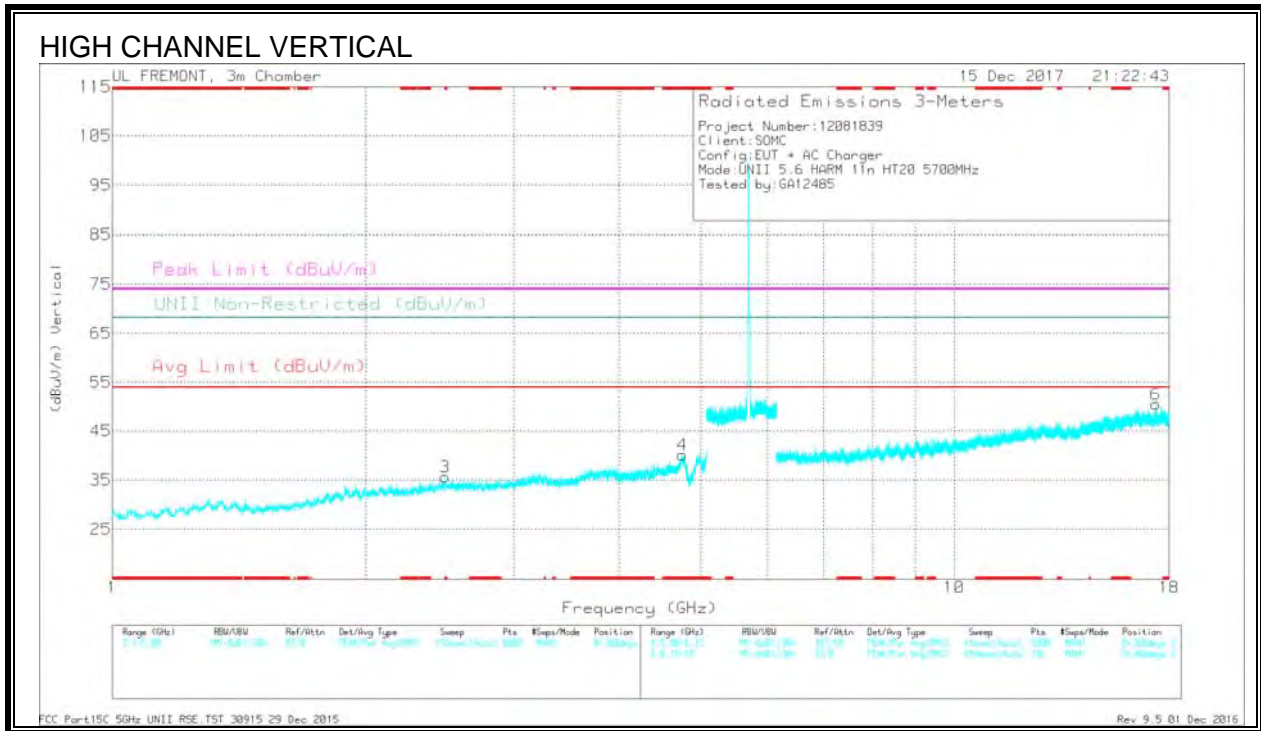
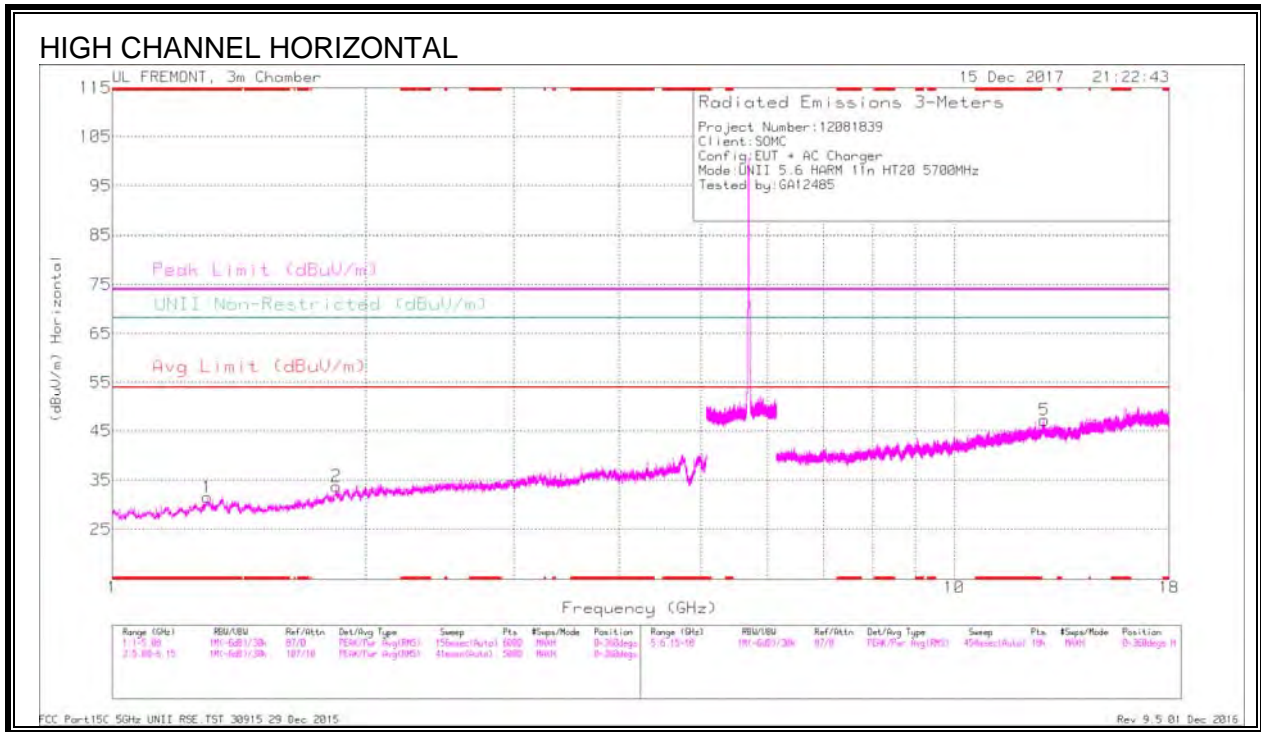
ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.294	41.08	PK-U	29.1	-32	0	38.18	-	-	74	-35.82	-	-	102	100	H
	* 1.294	28.8	ADR	29.1	-32	.14	26.04	54	-27.96	-	-	-	-	102	100	H
4	* 4.738	40.18	PK-U	34	-28.4	0	45.78	-	-	74	-28.22	-	-	200	357	H
	* 4.738	28.52	ADR	34	-28.4	.14	34.26	54	-19.74	-	-	-	-	200	357	H
6	* 15.882	35.38	PK-U	40.4	-22.4	0	53.38	-	-	74	-20.62	-	-	164	325	V
	* 15.882	23.25	ADR	40.4	-22.4	.14	41.39	54	-12.61	-	-	-	-	164	325	V
2	1.853	39.83	PK-U	30.5	-30.9	0	39.43	-	-	-	-	68.2	-28.77	90	258	H
3	2.528	40.07	PK-U	32.4	-30.8	0	41.67	-	-	-	-	68.2	-26.53	199	310	V
5	10.178	33.96	PK-U	37	-21.9	0	49.06	-	-	-	-	68.2	-19.14	125	121	H

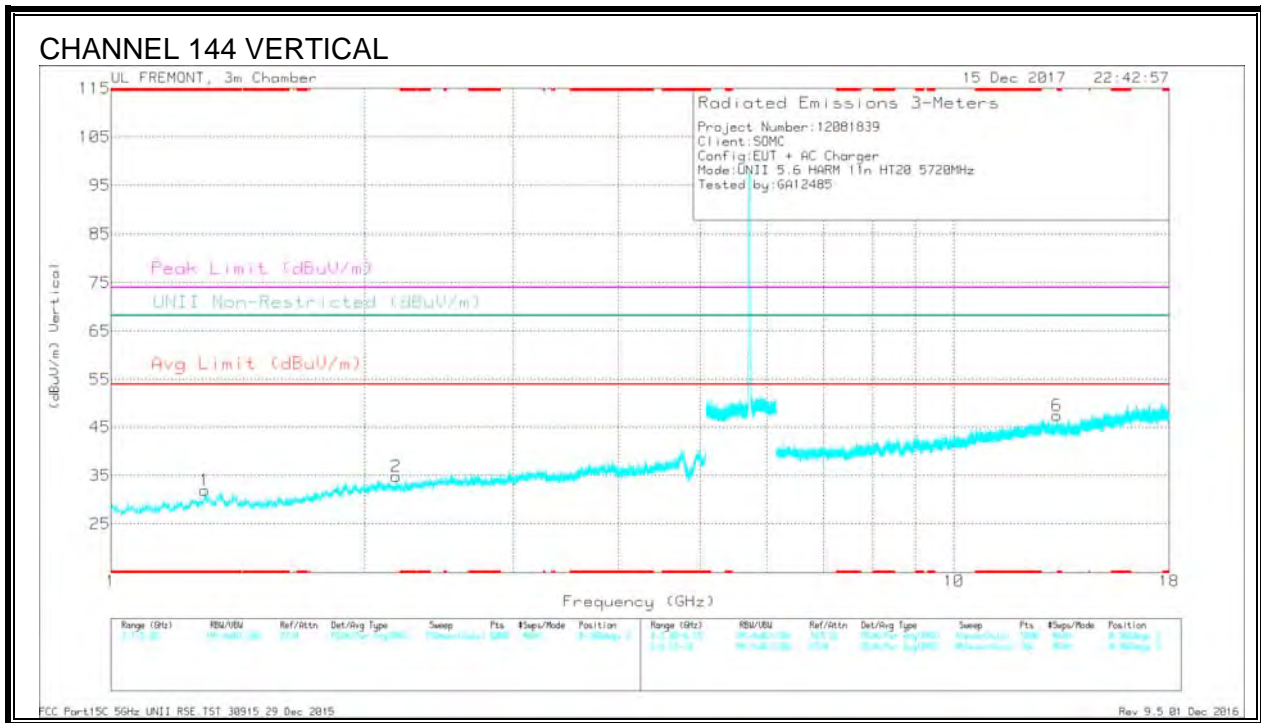
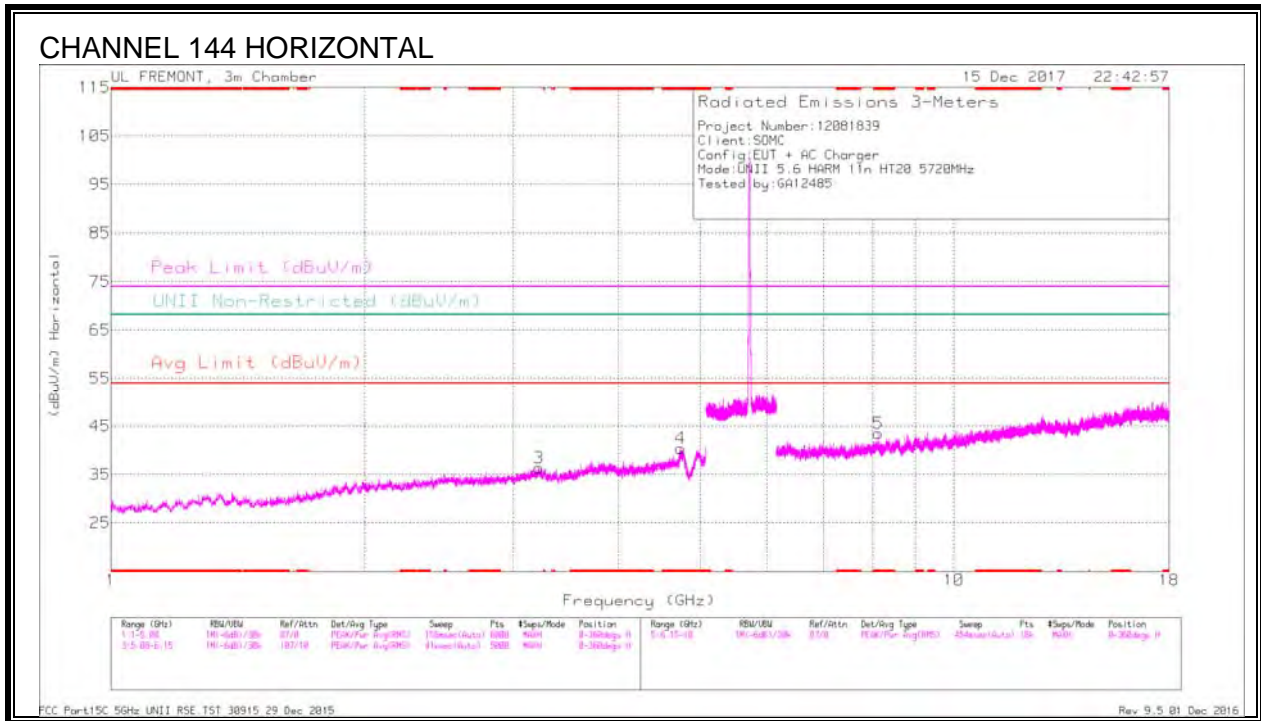
* - indicates frequency in CFR47 Pt 15 - Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.296	40.62	PK-U	29.1	-31.9	0	37.82	-	-	74	-36.18	-	-	236	255	H
	* 1.297	28.6	ADR	29.1	-31.9	.14	25.94	54	-28.06	-	-	-	-	236	255	H
3	* 2.484	40.62	PK-U	32.4	-31	0	42.02	-	-	74	-31.98	-	-	263	400	V
	* 2.484	27.99	ADR	32.4	-31	.14	29.53	54	-24.47	-	-	-	-	263	400	V
4	* 4.756	41.12	PK-U	34	-28.4	0	46.72	-	-	74	-27.28	-	-	340	106	V
	* 4.755	29.08	ADR	34	-28.4	.14	34.82	54	-19.18	-	-	-	-	340	106	V
2	1.845	39.97	PK-U	30.5	-31	0	39.47	-	-	-	-	68.2	-28.73	215	316	H
5	12.794	34.99	PK-U	39	-21.9	0	52.09	-	-	-	-	68.2	-16.11	36	163	H
6	17.365	34.08	PK-U	41.2	-20.5	0	54.78	-	-	-	-	68.2	-13.42	267	301	V

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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.74	40.09	PK-U	34	-28.3	0	45.79	-	-	74	-28.21	-	-	41	137	H
	* 4.739	28.39	ADR	34	-28.3	.14	34.23	54	-19.77	-	-	-	-	41	137	H
1	* 1.294	40.68	PK-U	29.1	-32	0	37.78	-	-	74	-36.22	-	-	126	309	V
	* 1.292	28.8	ADR	29	-32	.14	25.94	54	-28.06	-	-	-	-	126	309	V
5	* 8.127	35.42	PK-U	35.8	-23	0	48.22	-	-	74	-25.78	-	-	81	383	H
	* 8.13	23	ADR	35.8	-23	.14	35.94	54	-18.06	-	-	-	-	81	383	H
2	2.179	40	PK-U	31.3	-30.9	0	40.4	-	-	-	-	68.2	-27.8	204	105	V
3	3.222	39.33	PK-U	33.3	-29.6	0	43.03	-	-	-	-	68.2	-25.17	130	223	H
6	13.244	35.37	PK-U	39.1	-22.4	0	52.07	-	-	-	-	68.2	-16.13	261	321	V

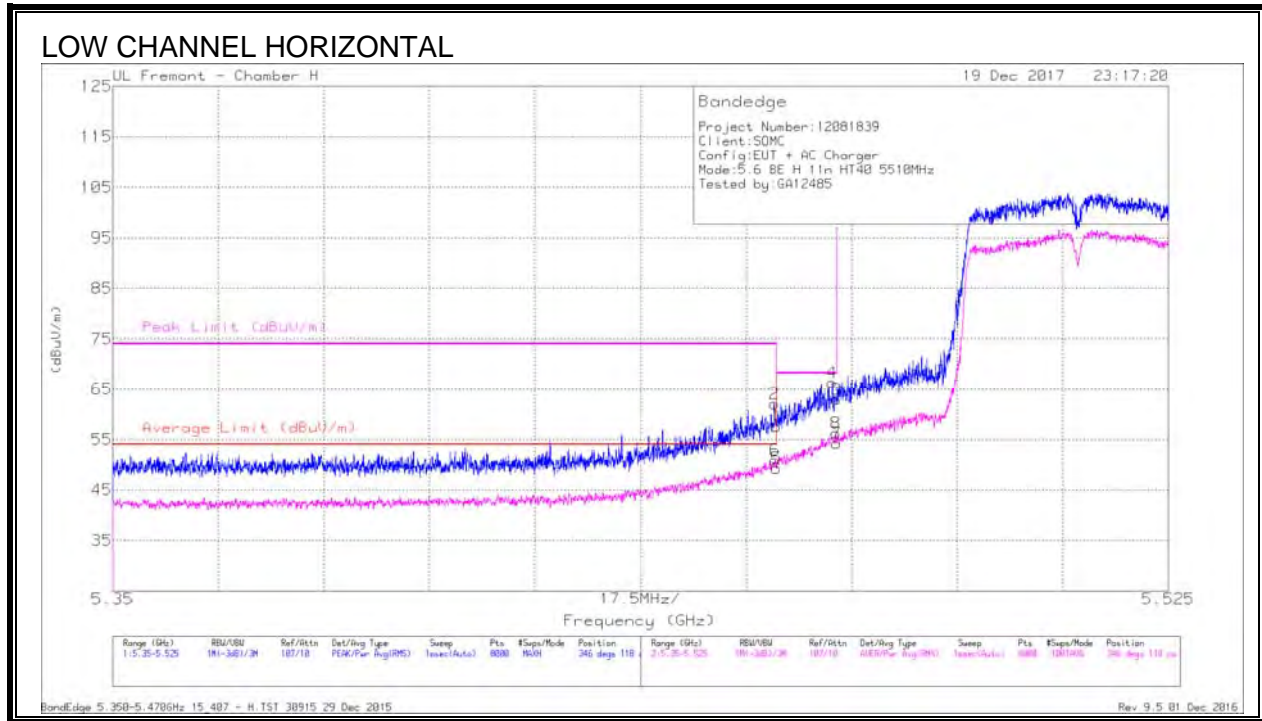
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



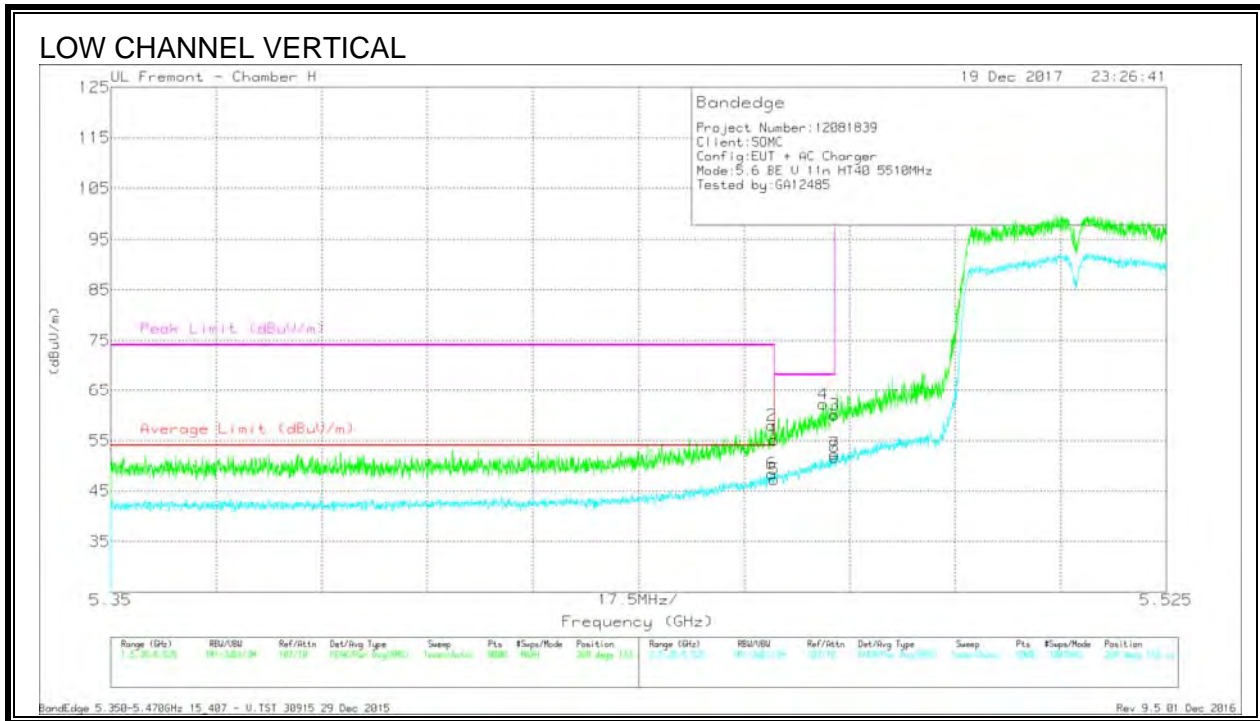
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	46.71	Pk	34.7	-23.8	0	57.61	-	-	74	-16.39	346	118	H
2	* 5.46	51.2	Pk	34.7	-23.8	0	62.1	-	-	74	-11.9	346	118	H
5	* 5.46	37.97	RMS	34.7	-23.8	.41	49.28	54	-4.72	-	-	346	118	H
6	* 5.46	39.56	RMS	34.7	-23.8	.41	50.87	54	-3.13	-	-	346	118	H
4	5.469	55.38	Pk	34.7	-23.8	0	66.28	-	-	68.2	-1.92	346	118	H
3	5.47	52.04	Pk	34.7	-23.8	0	62.94	-	-	68.2	-5.26	346	118	H
7	5.47	42.97	RMS	34.7	-23.8	.41	54.28	-	-	-	-	346	118	H
8	5.47	44.91	RMS	34.7	-23.8	.41	56.22	-	-	-	-	346	118	H

* - indicates frequency in CFR15.205 - Restricted Band

Pk - Peak detector

RMS - RMS detection

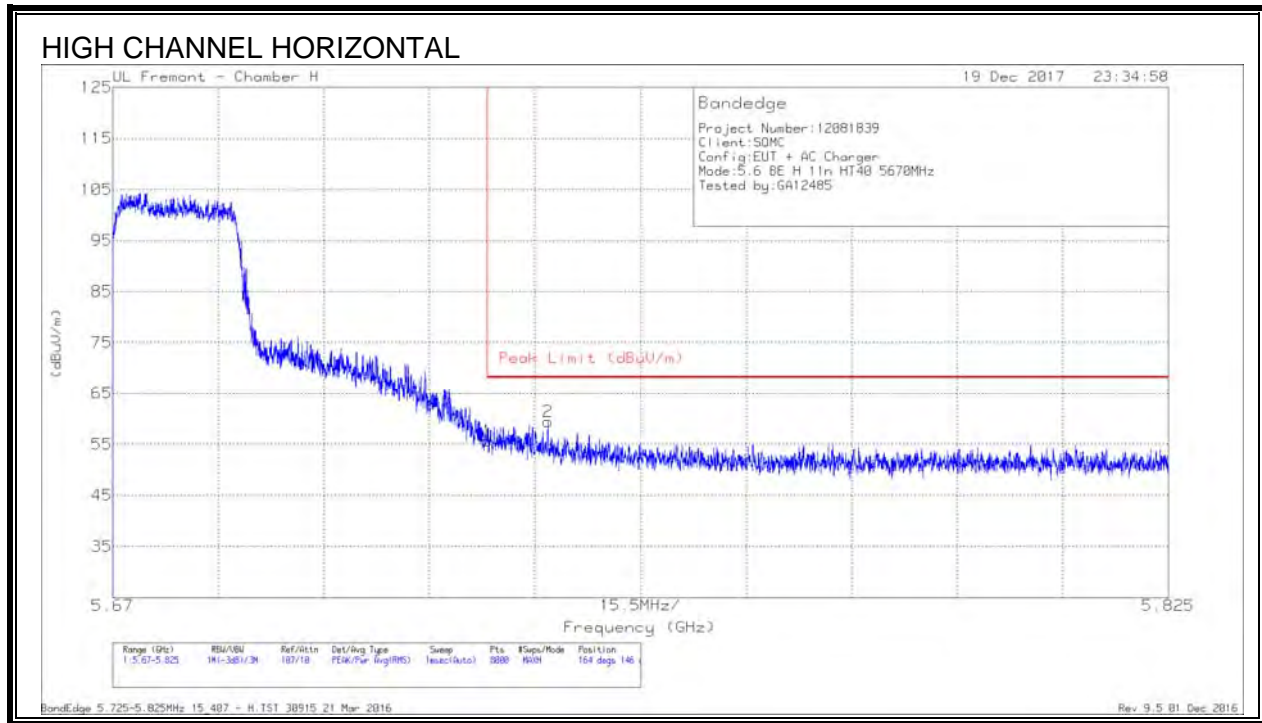


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	44.21	Pk	34.7	-23.8	0	55.11	-	-	74	-18.89	269	143	V
2	* 5.46	47.14	Pk	34.7	-23.8	0	58.04	-	-	74	-15.96	269	143	V
5	* 5.46	35.99	RMS	34.7	-23.8	.41	47.3	54	-6.7	-	-	269	143	V
6	* 5.46	37.11	RMS	34.7	-23.8	.41	48.42	54	-5.58	-	-	269	143	V
4	5.468	51.32	Pk	34.7	-23.8	0	62.22	-	-	68.2	-5.98	269	143	V
3	5.47	49.25	Pk	34.7	-23.8	0	60.15	-	-	68.2	-8.05	269	143	V
7	5.47	41.03	RMS	34.7	-23.8	.41	52.34	-	-	-	-	269	143	V
8	5.47	40.41	RMS	34.7	-23.8	.41	51.72	-	-	-	-	269	143	V

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

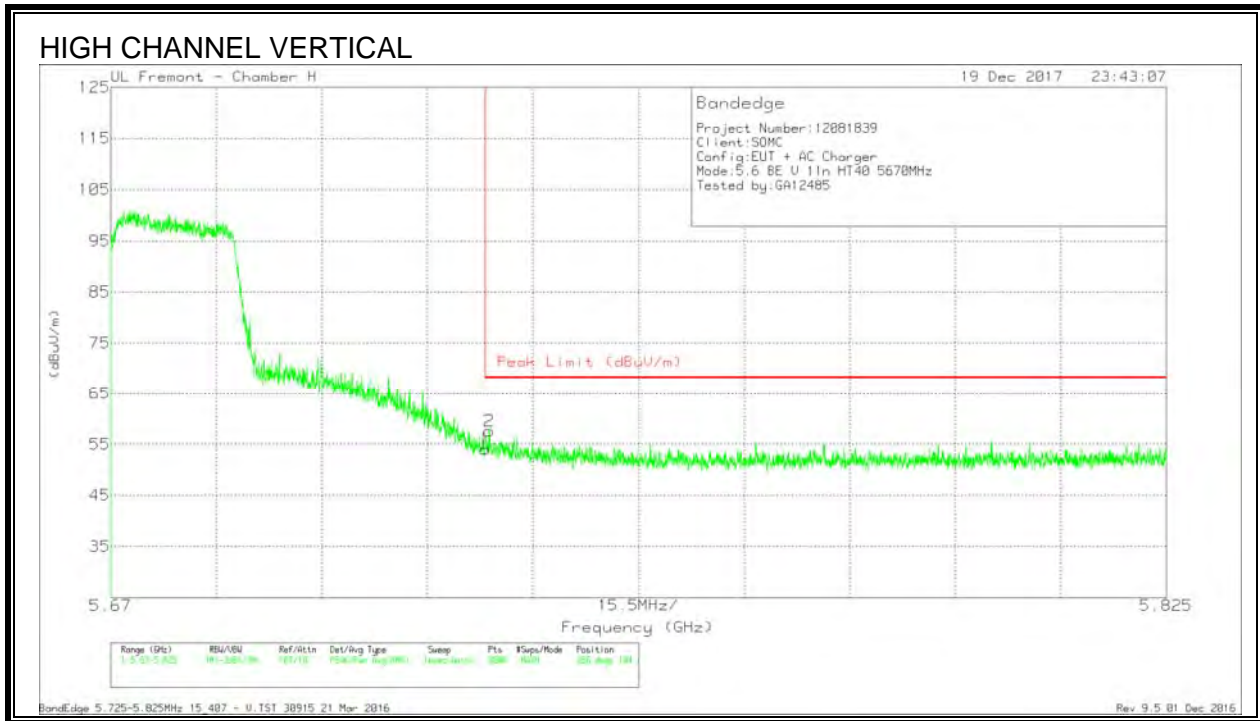
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.02	Pk	35.1	-23.5	0	55.62	68.2	-12.58	164	146	H
2	5.734	47.84	Pk	35.1	-23.5	0	59.44	68.2	-8.76	164	146	H

Pk - Peak detector

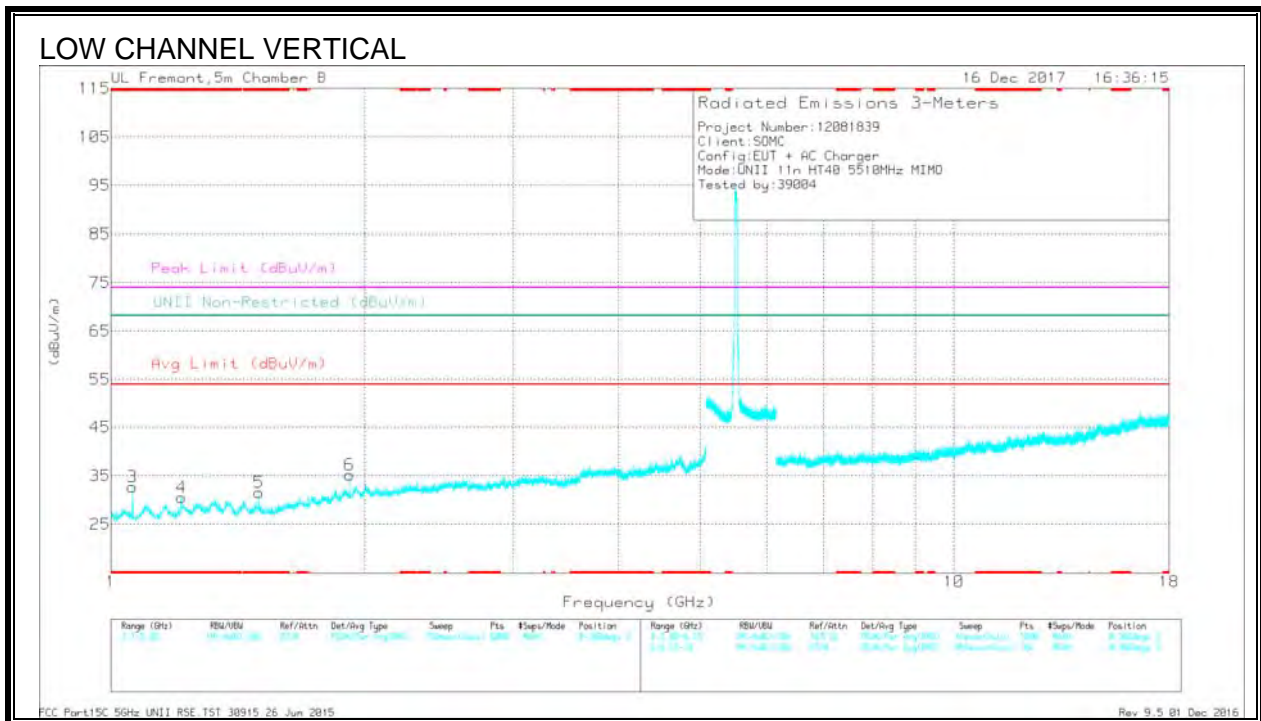
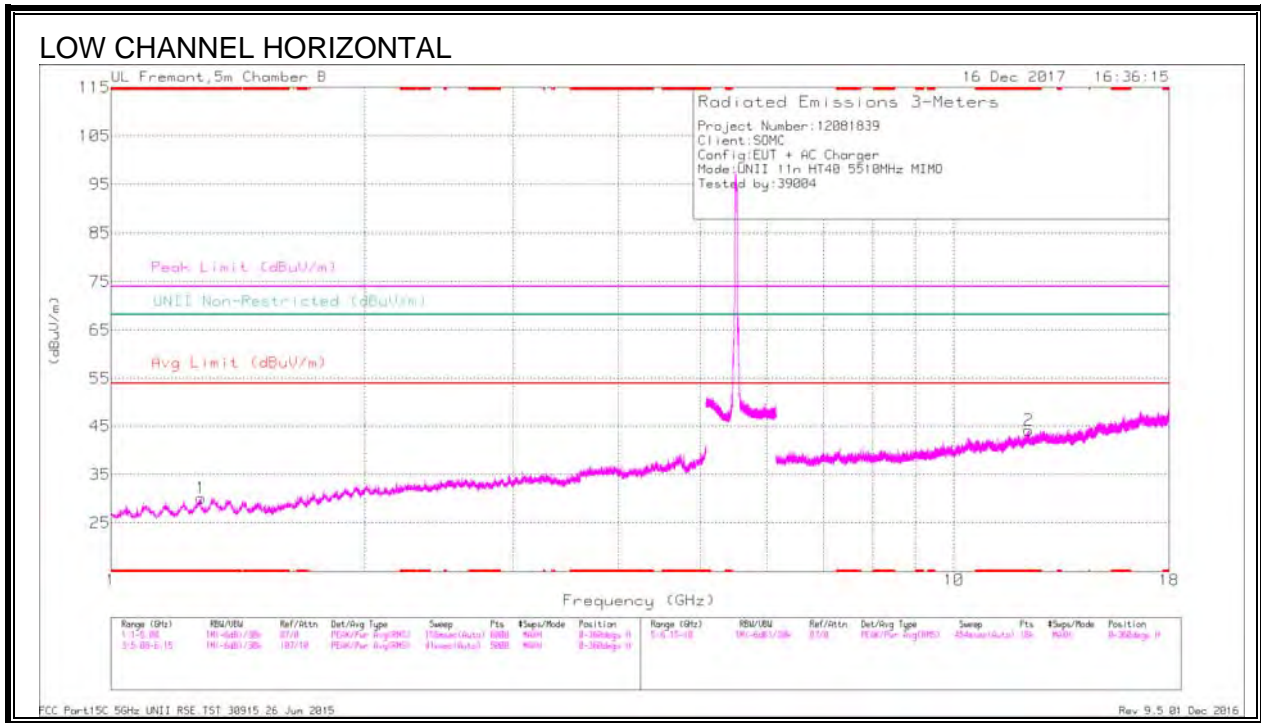


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.51	Pk	35.1	-23.5	0	54.11	68.2	-14.09	266	104	V
2	5.726	46.04	Pk	35.1	-23.5	0	57.64	68.2	-10.56	266	104	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



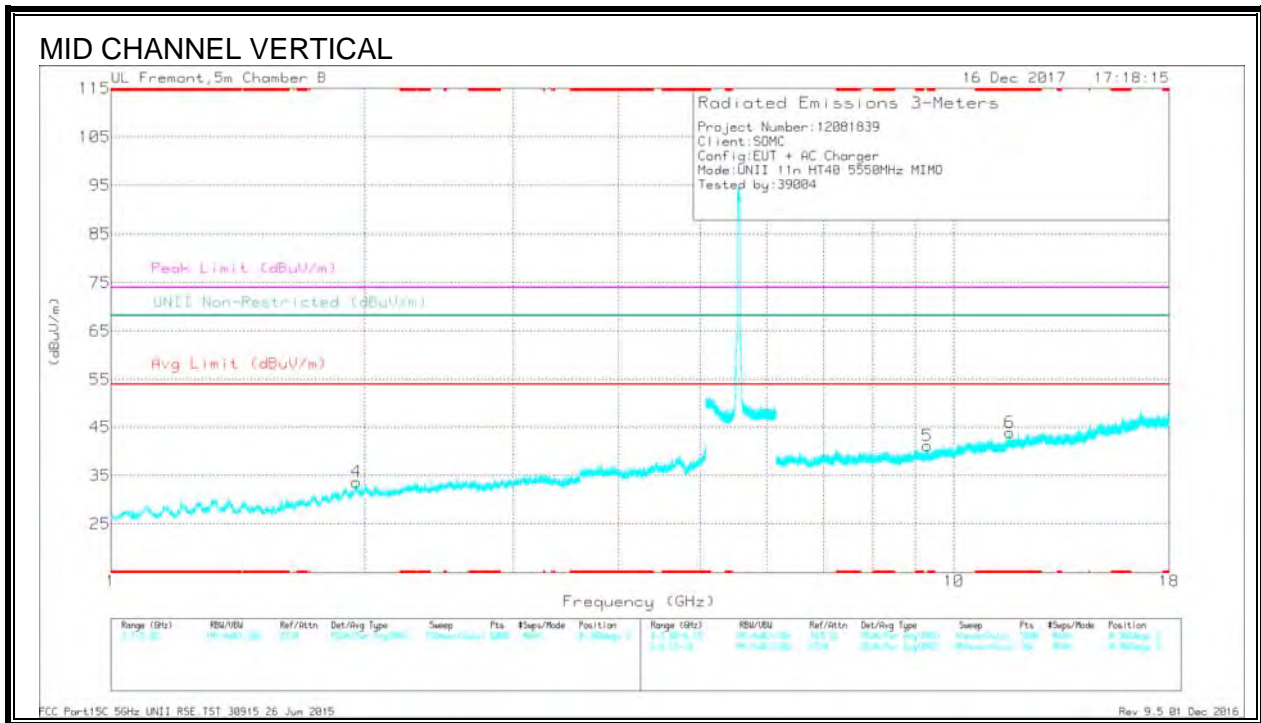
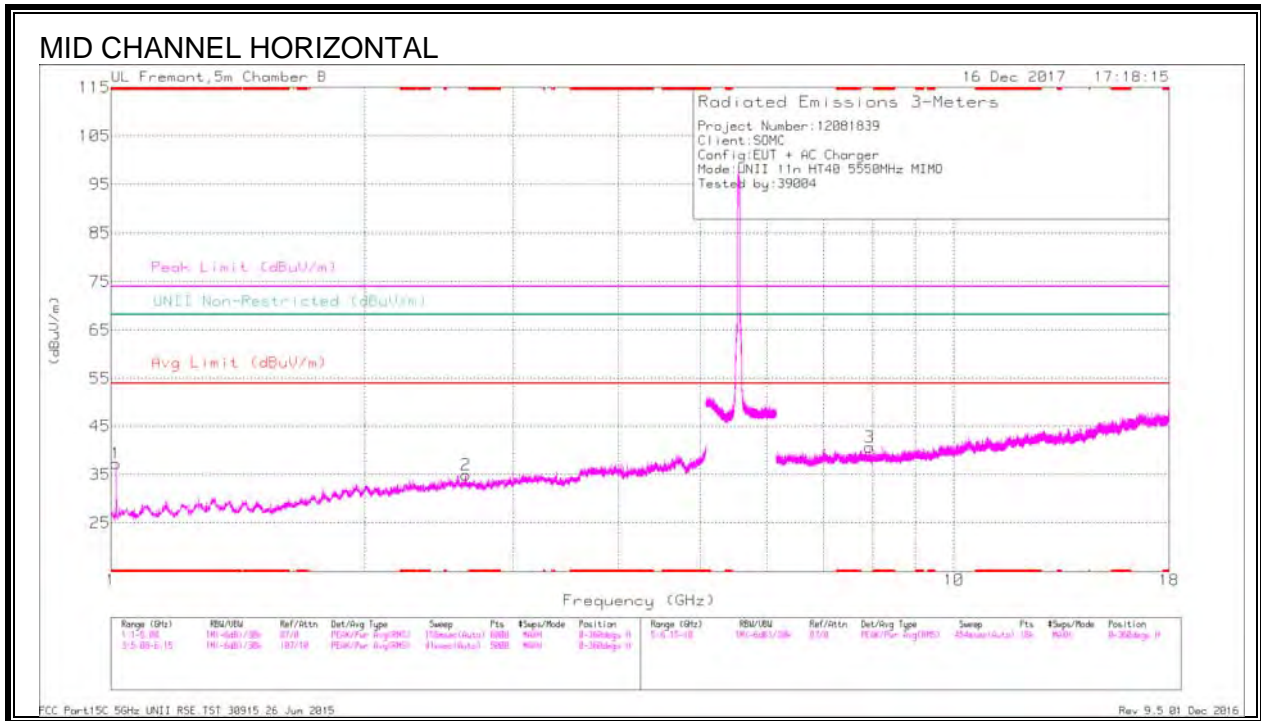
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.277	41.7	PK-U	28.9	-34.7	0	35.9	-	-	74	-38.1	-	-	341	234	H
	* 1.277	30.33	ADR	28.9	-34.7	.41	24.94	54	-29.06	-	-	-	-	341	234	H
3	* 1.061	41.4	PK-U	27.1	-34.6	0	33.9	-	-	74	-40.1	-	-	295	398	V
	* 1.059	29.37	ADR	27.1	-34.6	.41	22.28	54	-31.72	-	-	-	-	295	398	V
4	* 1.211	41.73	PK-U	28.2	-34.5	0	35.43	-	-	74	-38.57	-	-	276	388	V
	* 1.212	30.01	ADR	28.2	-34.4	.41	24.22	54	-29.78	-	-	-	-	276	388	V
5	* 1.499	42.04	PK-U	28.2	-34.2	0	36.04	-	-	74	-37.96	-	-	0	254	V
	* 1.497	29.71	ADR	28.2	-34.2	.41	24.12	54	-29.88	-	-	-	-	0	254	V
2	* 12.275	34.62	PK-U	39.1	-24.3	0	49.42	-	-	74	-24.58	-	-	15	116	H
	* 12.274	23.45	ADR	39.1	-24.3	.41	38.66	54	-15.34	-	-	-	-	15	116	H
6	1.917	40.17	PK-U	31	-33	0	38.17	-	-	-	-	68.2	-30.03	44	215	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



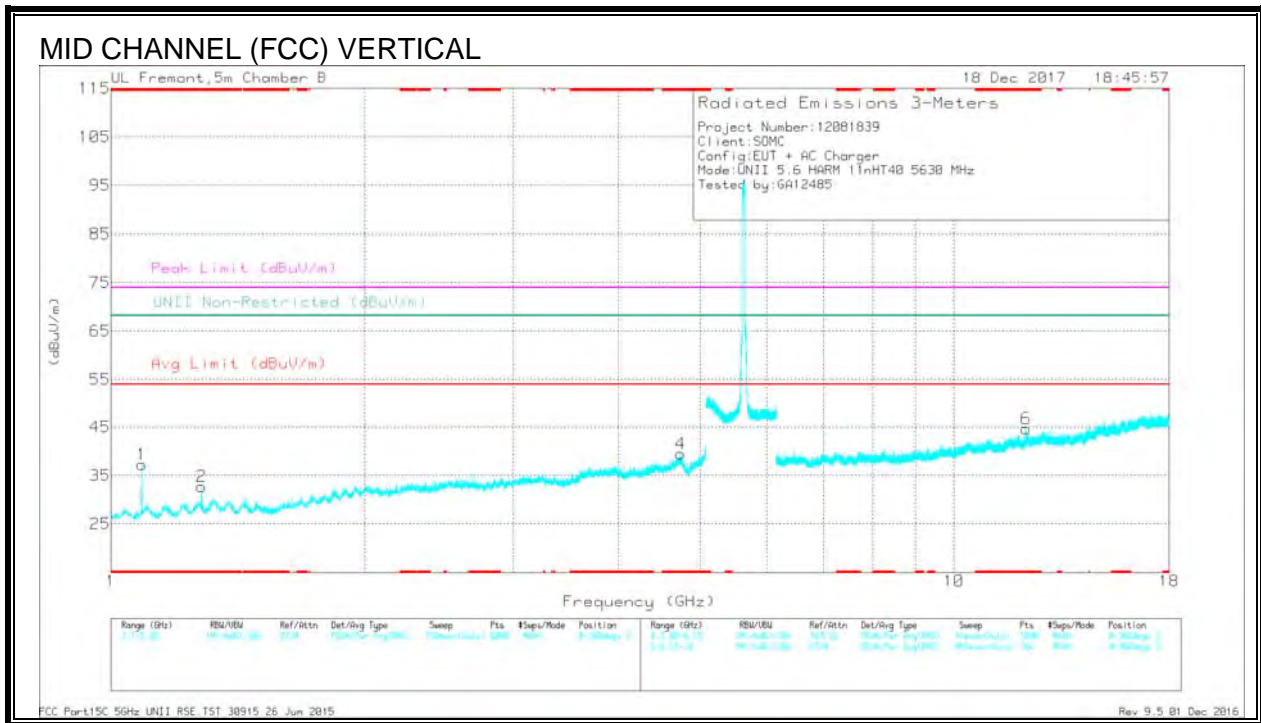
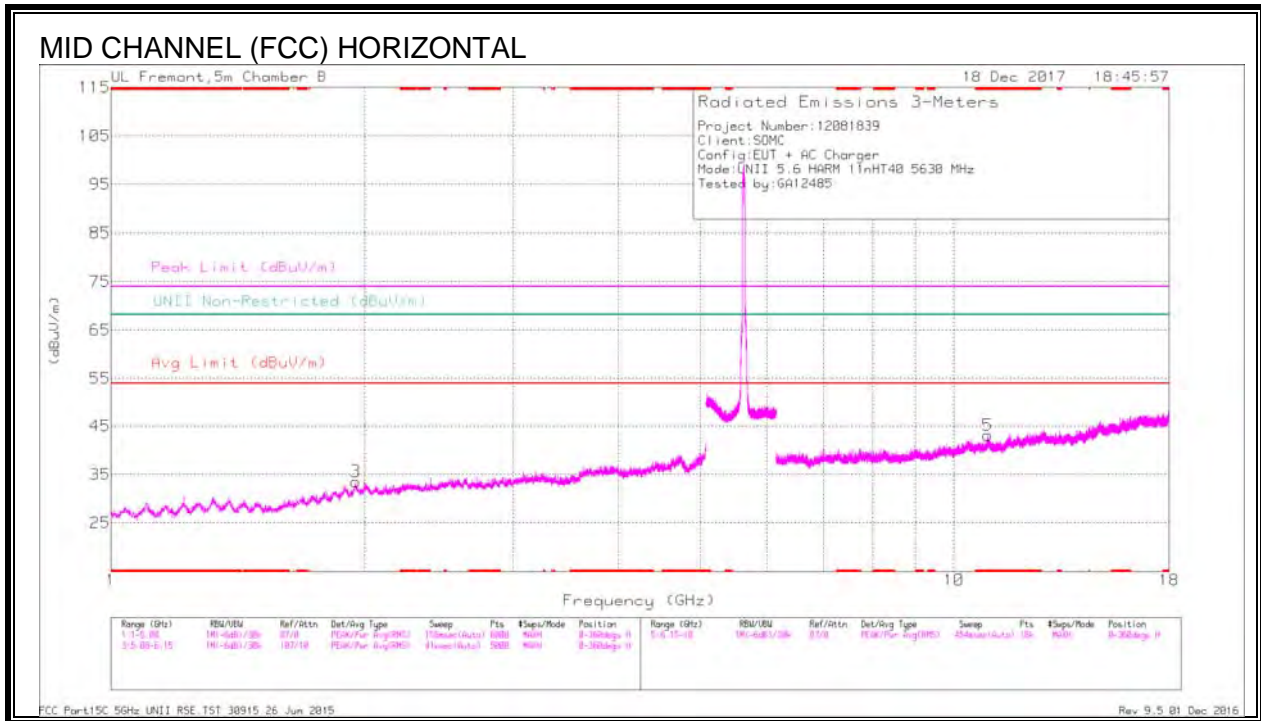
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.014	41.28	PK-U	27.4	-35.1	0	33.58	-	-	74	-40.42	-	-	259	360	H
	* 1.013	29.31	ADR	27.4	-35.1	.41	22.02	54	-31.98	-	-	-	-	259	360	H
6	* 11.648	34.49	PK-U	38.3	-23.8	0	48.99	-	-	74	-25.01	-	-	225	176	V
	* 11.65	23.34	ADR	38.3	-23.9	.41	38.15	54	-15.85	-	-	-	-	225	176	V
4	1.954	41.19	PK-U	31.1	-32.5	0	39.79	-	-	-	-	68.2	-28.41	177	215	V
2	2.637	40.11	PK-U	32.5	-32.2	0	40.41	-	-	-	-	68.2	-27.79	195	220	H
3	7.933	37.69	PK-U	36	-28.1	0	45.59	-	-	-	-	68.2	-22.61	148	192	H
5	9.292	35.16	PK-U	36.5	-25.7	0	45.96	-	-	-	-	68.2	-22.24	152	254	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



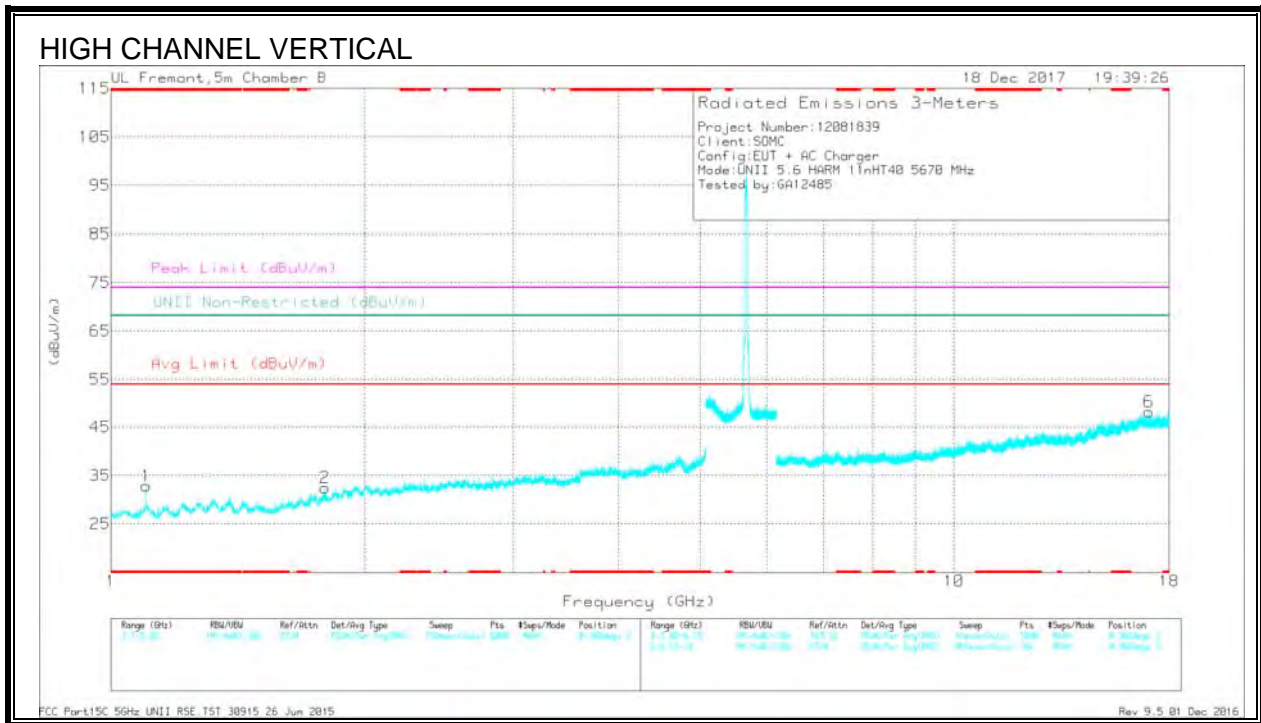
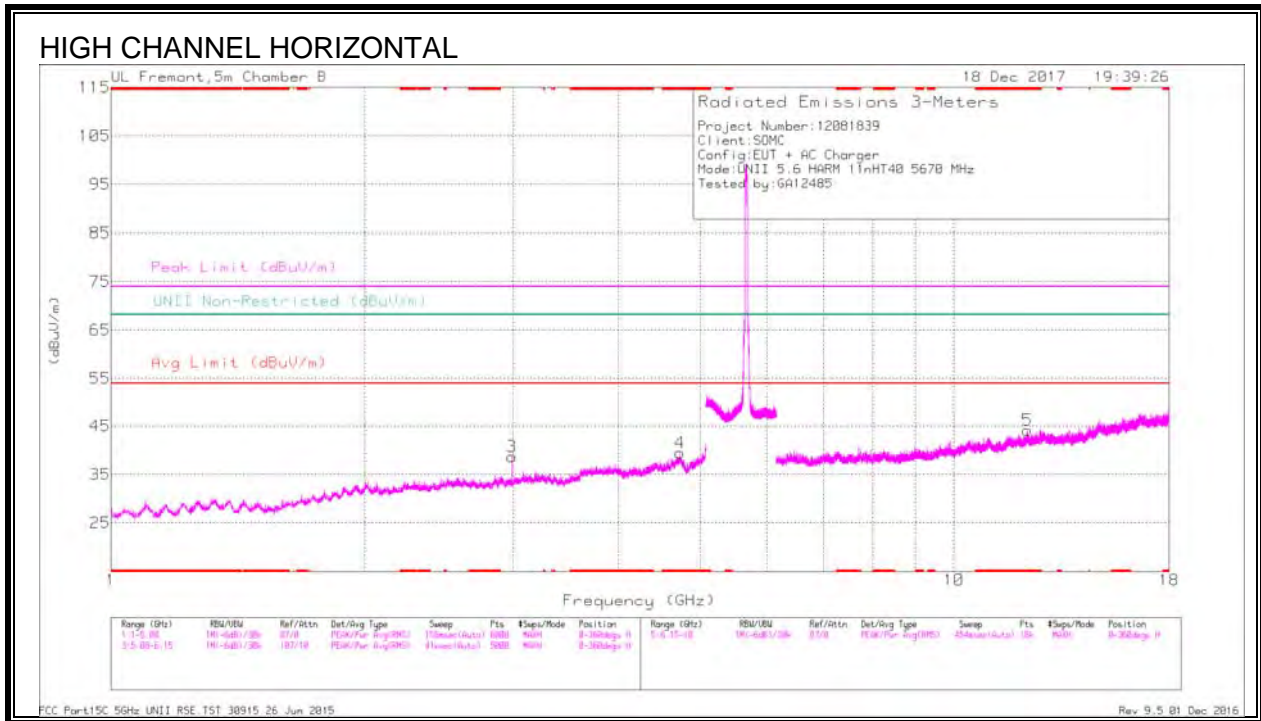
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.087	41.55	PK-U	27.5	-34.4	0	34.65	-	-	74	-39.35	-	-	308	234	V
	* 1.089	29.59	ADR	27.5	-34.4	.41	23.1	54	-30.9	-	-	-	-	308	234	V
2	* 1.279	41.73	PK-U	28.9	-34.7	0	35.93	-	-	74	-38.07	-	-	280	380	V
	* 1.278	29.72	ADR	28.9	-34.7	.41	24.33	54	-29.67	-	-	-	-	280	380	V
4	* 4.735	41.25	PK-U	34.2	-30	0	45.45	-	-	74	-28.55	-	-	43	273	V
	* 4.737	29.31	ADR	34.2	-30	.41	33.92	54	-20.08	-	-	-	-	43	273	V
5	* 10.96	34.23	PK-U	37.7	-24.2	0	47.73	-	-	74	-26.27	-	-	73	397	H
	* 10.958	22.97	ADR	37.7	-24.2	.41	36.88	54	-17.12	-	-	-	-	73	397	H
6	* 12.189	33.61	PK-U	39.1	-24	0	48.71	-	-	74	-25.29	-	-	169	171	V
	* 12.19	22.51	ADR	39.1	-24.1	.41	37.92	54	-16.08	-	-	-	-	169	171	V
3	1.952	40.99	PK-U	31.1	-32.5	0	39.59	-	-	-	-	68.2	-28.61	137	178	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

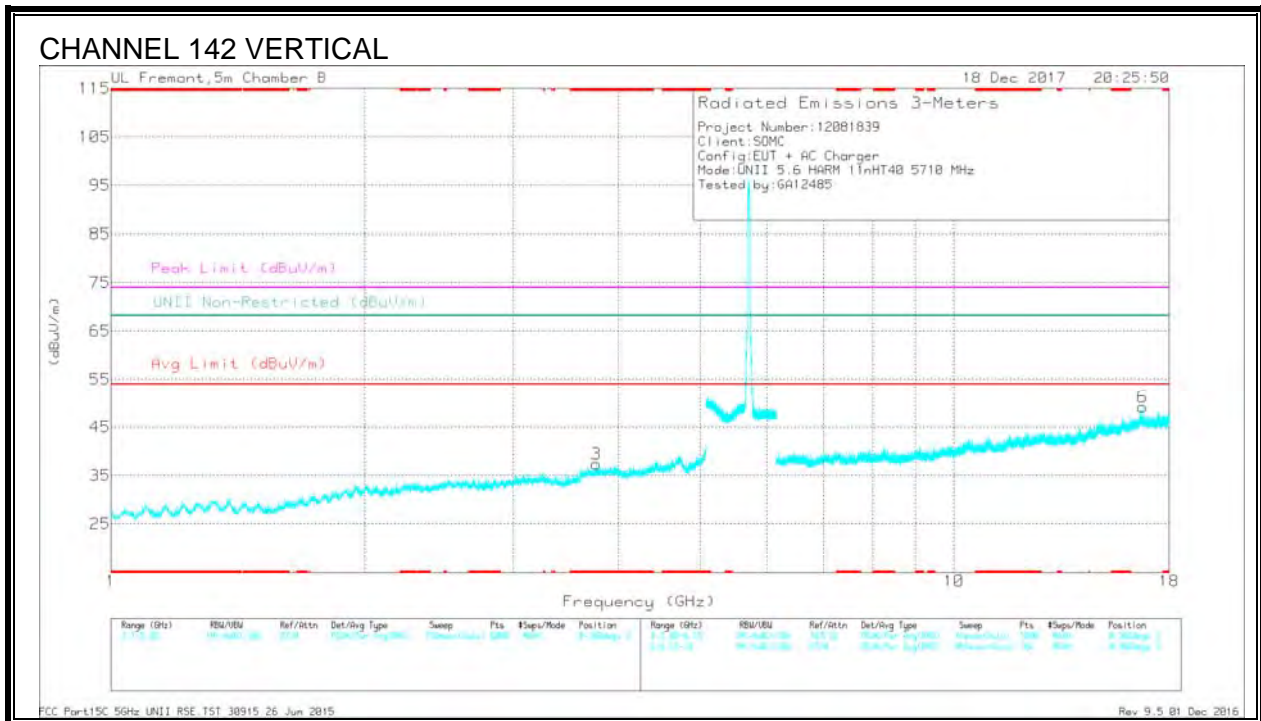
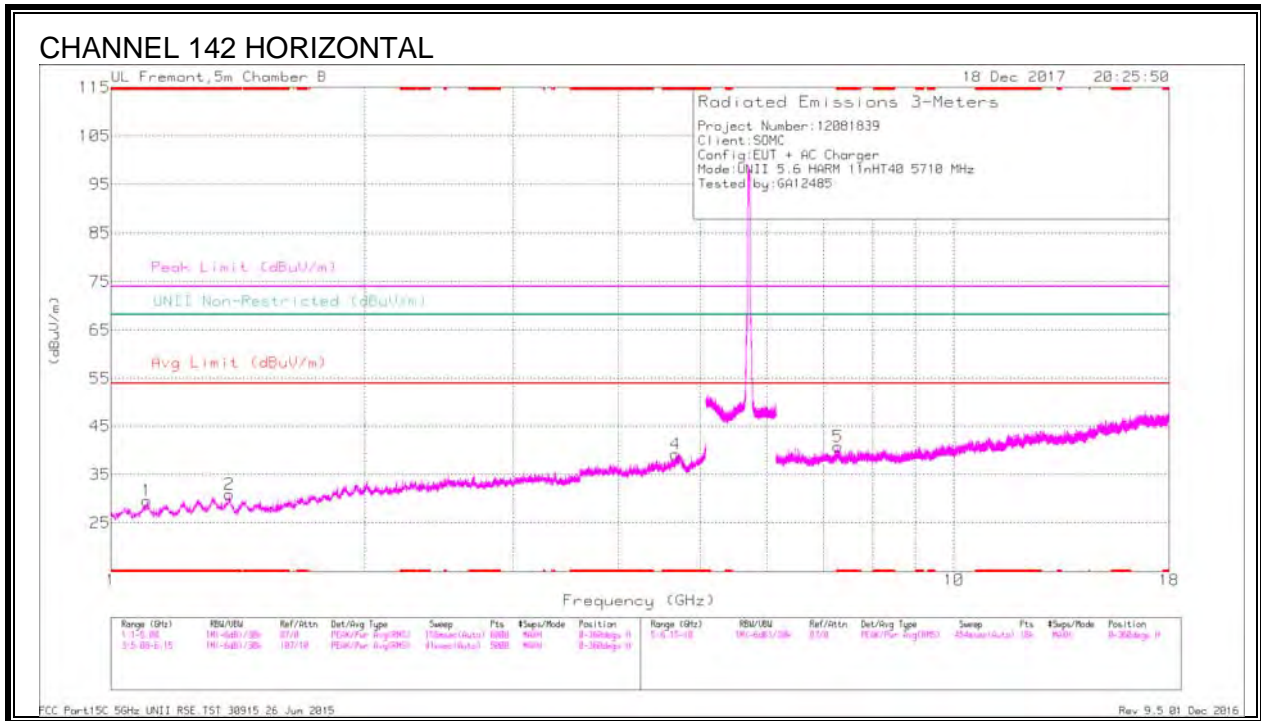
ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.735	41.73	PK-U	34.2	-30	0	45.93	-	-	74	-28.07	-	-	344	296	H
	* 4.734	29.32	ADR	34.2	-30	.41	33.93	54	-20.07	-	-	-	-	344	296	H
1	* 1.099	42.95	PK-U	27.7	-34.2	0	36.45	-	-	74	-37.55	-	-	304	218	V
	* 1.1	30.46	ADR	27.7	-34.2	.41	24.37	54	-29.63	-	-	-	-	304	218	V
5	* 12.221	33.95	PK-U	39.1	-23.7	0	49.35	-	-	74	-24.65	-	-	147	106	H
	* 12.222	22.56	ADR	39.1	-23.7	.41	38.37	54	-15.63	-	-	-	-	147	106	H
2	1.794	42.25	PK-U	30.1	-33.9	0	38.45	-	-	-	-	68.2	-29.75	340	231	V
3	2.99	39.91	PK-U	32.7	-32.4	0	40.21	-	-	-	-	68.2	-27.99	219	364	H
6	17.022	32.7	PK-U	42	-22.4	0	52.3	-	-	-	-	68.2	-15.9	147	280	V

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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.101	42.33	PK-U	27.7	-34.2	0	35.83	-	-	74	-38.17	-	-	85	397	H
	* 1.101	30.36	ADR	27.7	-34.2	.41	24.27	54	-29.73	-	-	-	-	85	397	H
2	* 1.38	42.33	PK-U	28.5	-33.7	0	37.13	-	-	74	-36.87	-	-	190	331	H
	* 1.381	30.13	ADR	28.4	-33.7	.41	25.24	54	-28.76	-	-	-	-	190	331	H
4	* 4.674	40.77	PK-U	34.3	-29.8	0	45.27	-	-	74	-28.73	-	-	18	352	H
	* 4.675	28.47	ADR	34.3	-29.9	.41	33.28	54	-20.72	-	-	-	-	18	352	H
3	* 3.763	40.52	PK-U	33.4	-31.3	0	42.62	-	-	74	-31.38	-	-	30	207	V
	* 3.763	28.8	ADR	33.4	-31.3	.41	31.31	54	-22.69	-	-	-	-	30	207	V
5	* 7.279	37.59	PK-U	35.8	-27.2	0	46.19	-	-	74	-27.81	-	-	356	345	H
	* 7.282	25.8	ADR	35.8	-27.2	.41	34.81	54	-19.19	-	-	-	-	356	345	H
6	16.738	32.77	PK-U	42.3	-22.1	0	52.97	-	-	-	-	68.2	-15.23	359	135	V

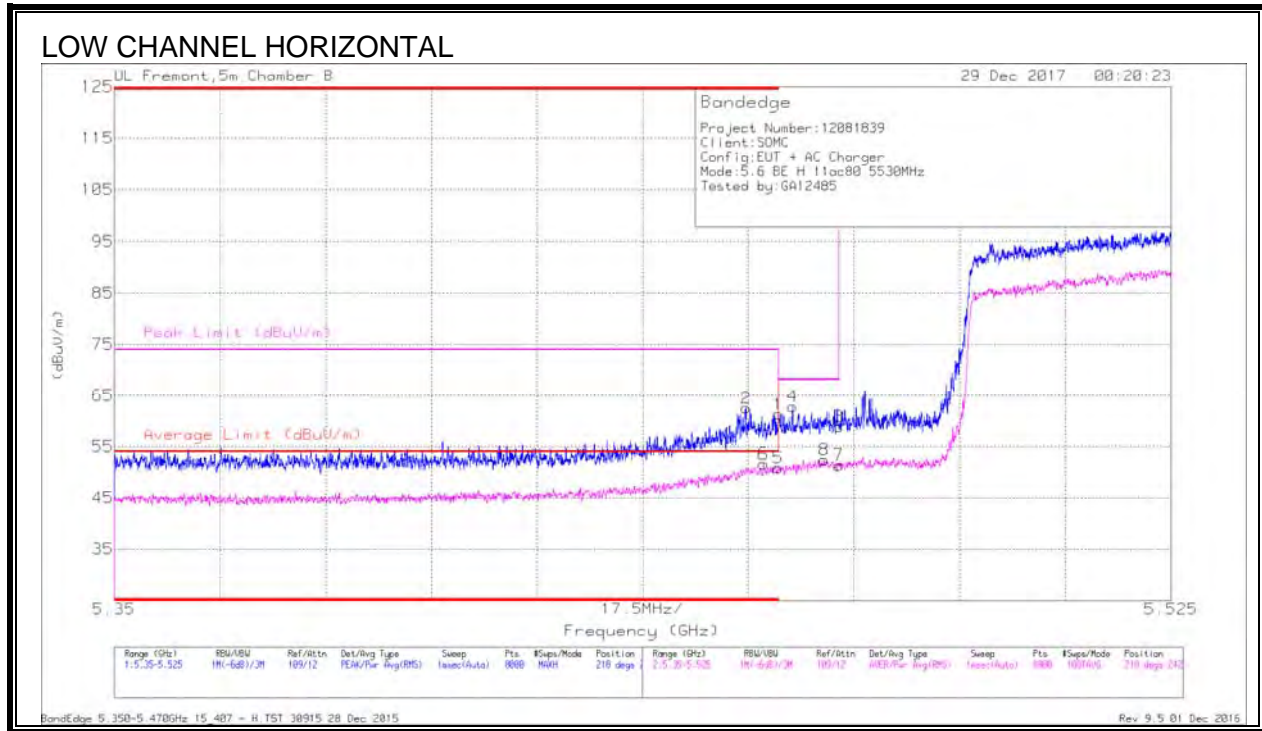
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

RESTRICTED BANDEDGE (LOW CHANNEL)



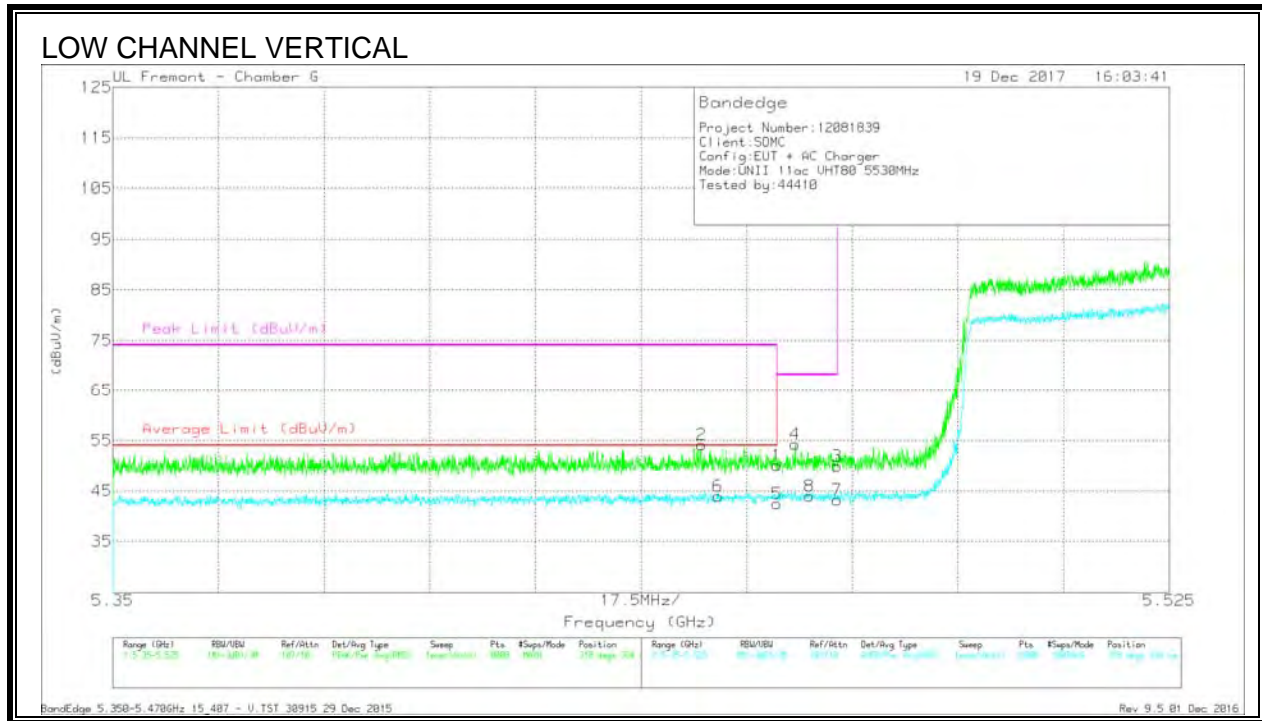
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 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	* 5.46	45.81	Pk	35.2	-19.7	0	61.31	-	-	74	-12.69	218	242	H
2	* 5.455	47.05	Pk	35.1	-19.6	0	62.55	-	-	74	-11.45	218	242	H
5	* 5.46	34.59	RMS	35.2	-19.7	.72	50.81	54	-3.19	-	-	218	242	H
6	* 5.458	35.35	RMS	35.2	-19.7	.72	51.57	54	-2.43	-	-	218	242	H
4	5.462	47.23	Pk	35.2	-19.6	0	62.83	-	-	68.2	-5.37	218	242	H
8	5.468	36.07	RMS	35.2	-19.6	.72	52.39	-	-	-	-	218	242	H
3	5.47	43.39	Pk	35.2	-19.7	0	58.89	-	-	68.2	-9.31	218	242	H
7	5.47	35.11	RMS	35.2	-19.7	.72	51.33	-	-	-	-	218	242	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

RMS - RMS detection

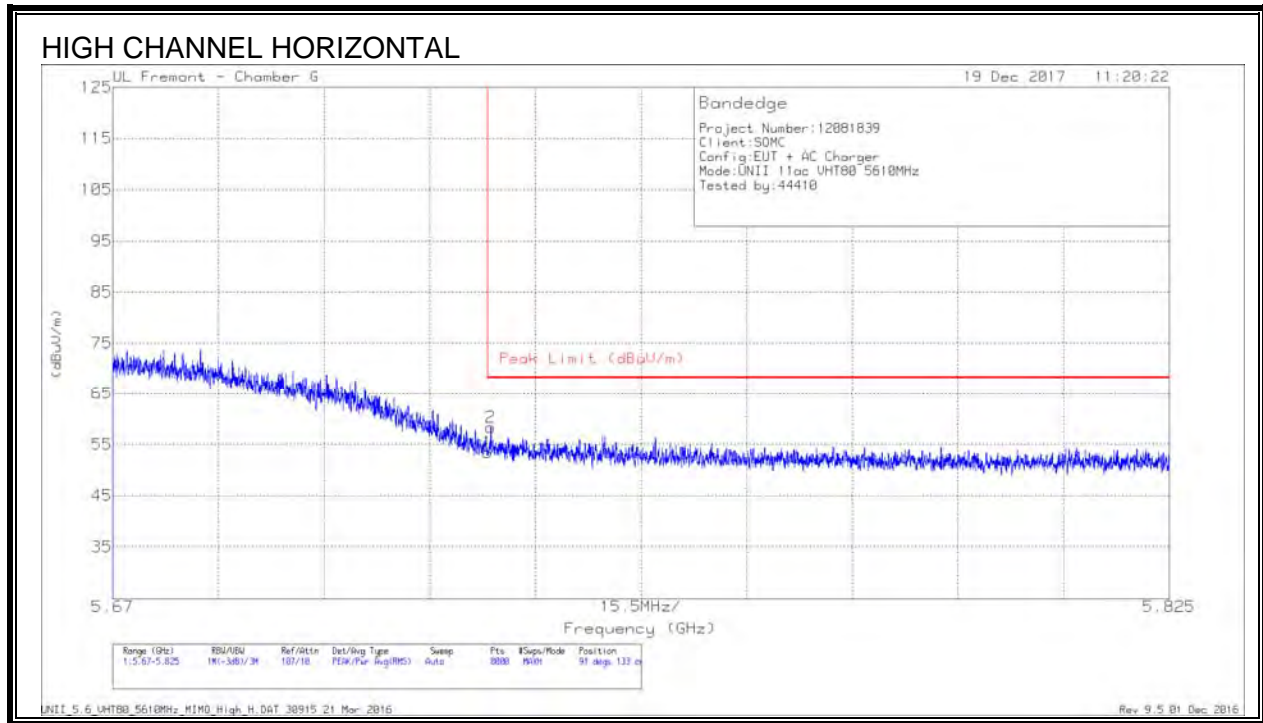


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.09	Pk	34.6	-22.6	0	50.09	-	-	74	-23.91	318	334	V
2	* 5.448	42.13	Pk	34.6	-22.6	0	54.13	-	-	74	-19.87	318	334	V
5	* 5.46	30.5	RMS	34.6	-22.6	.72	43.22	54	-10.78	-	-	318	334	V
6	* 5.45	31.98	RMS	34.6	-22.6	.72	44.7	54	-9.3	-	-	318	334	V
4	5.463	42.32	Pk	34.6	-22.6	0	54.32	-	-	68.2	-13.88	318	334	V
8	5.465	31.99	RMS	34.6	-22.6	.72	44.71	-	-	-	-	318	334	V
3	5.47	37.97	Pk	34.6	-22.6	0	49.97	-	-	68.2	-18.23	318	334	V
7	5.47	31.17	RMS	34.6	-22.6	.72	43.89	-	-	-	-	318	334	V

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

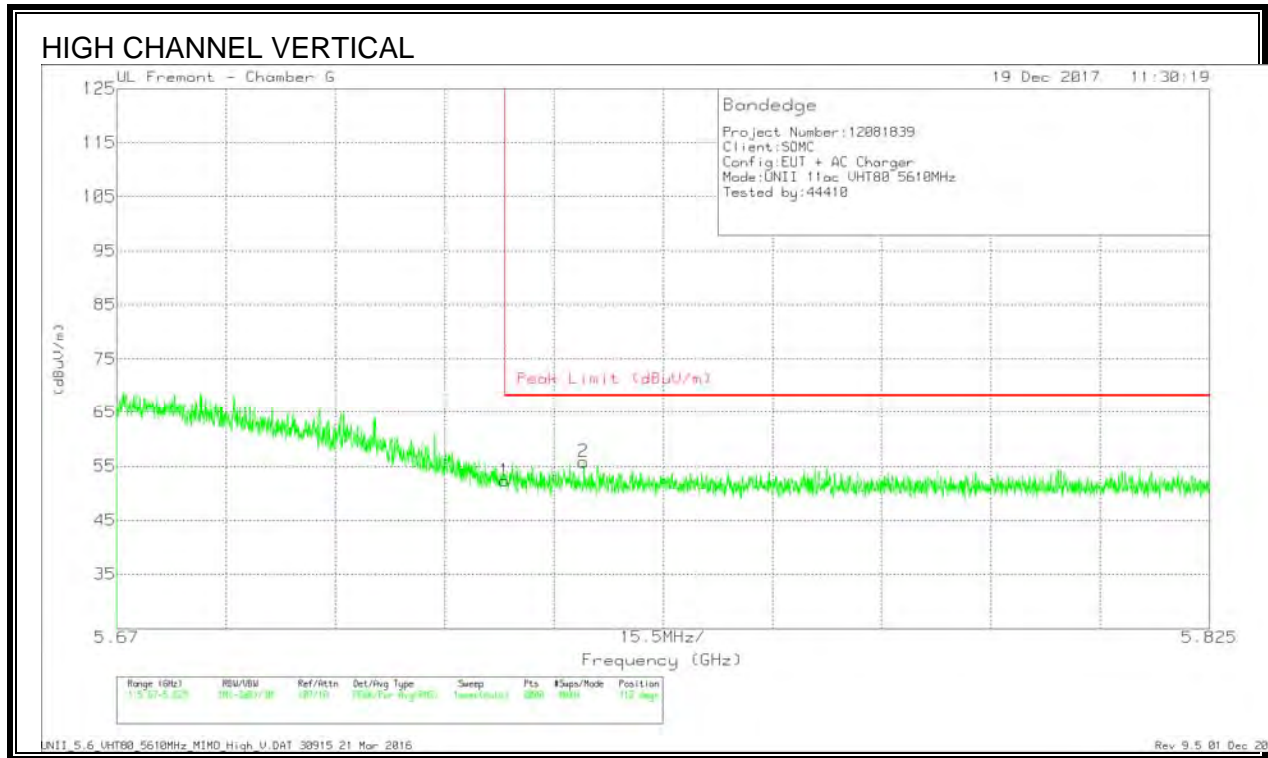
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.53	Pk	35.2	-22.3	0	53.43	68.2	-14.77	91	133	H
2	5.725	45.49	Pk	35.2	-22.3	0	58.39	68.2	-9.81	91	133	H

Pk - Peak detector

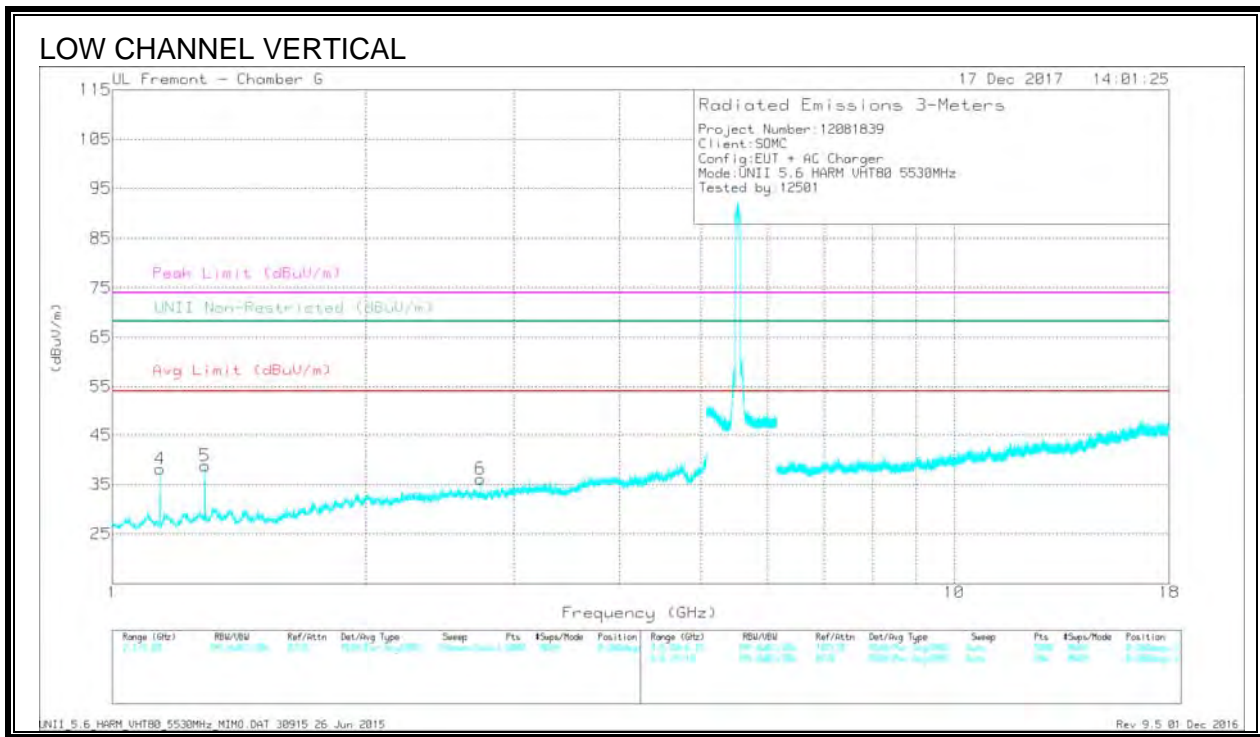
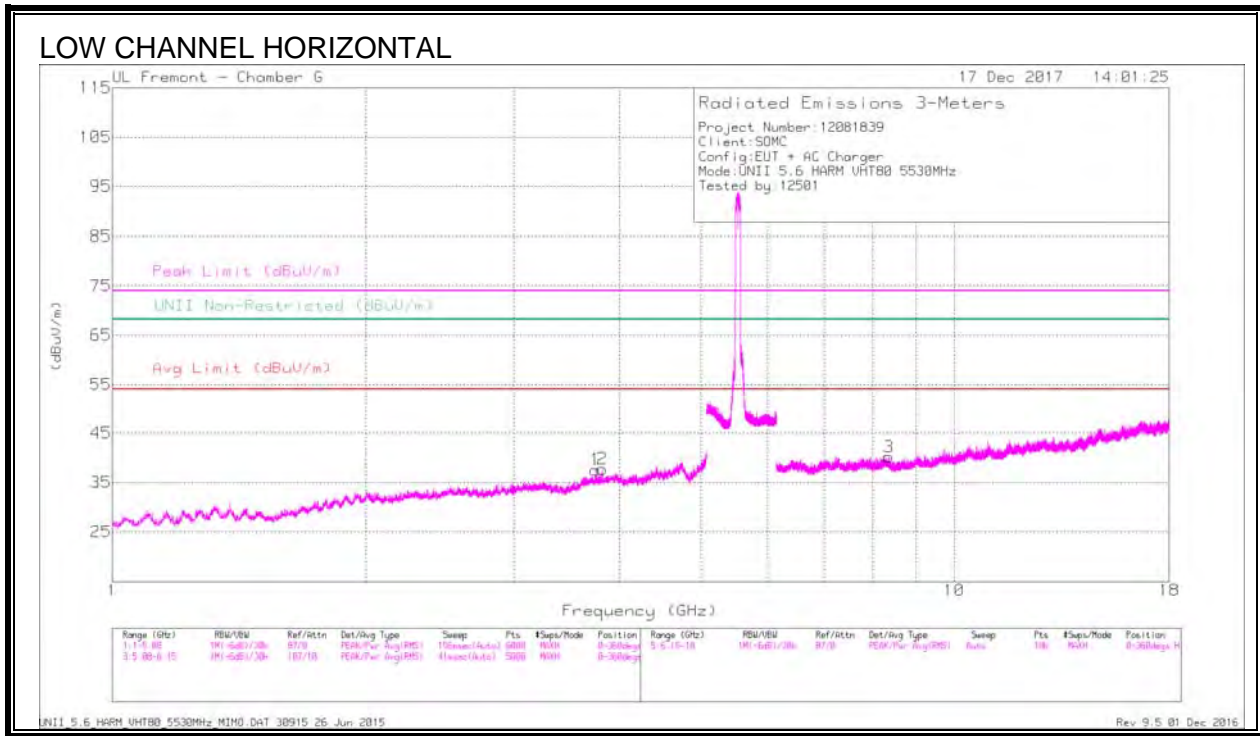


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (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	39.37	Pk	35.2	-22.3	0	52.27	68.2	-15.93	112	159	V
2	5.736	43	Pk	35.2	-22.4	0	55.8	68.2	-12.4	112	159	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



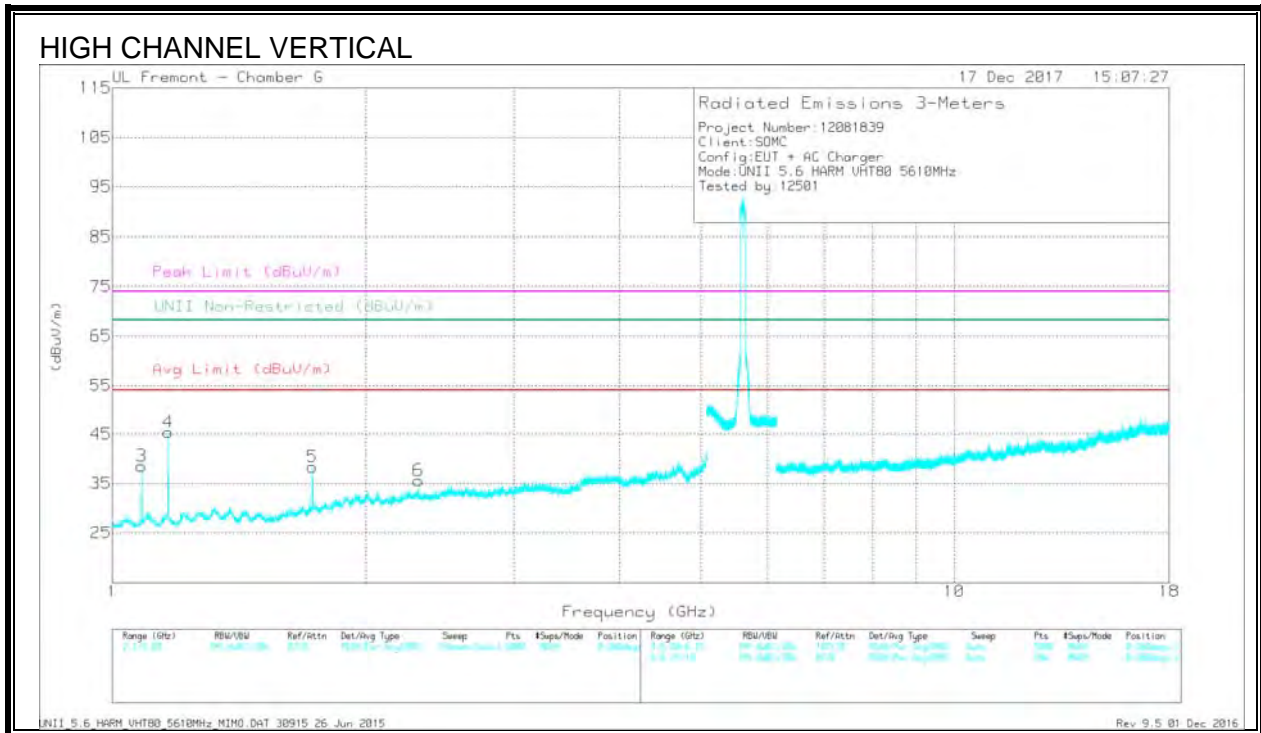
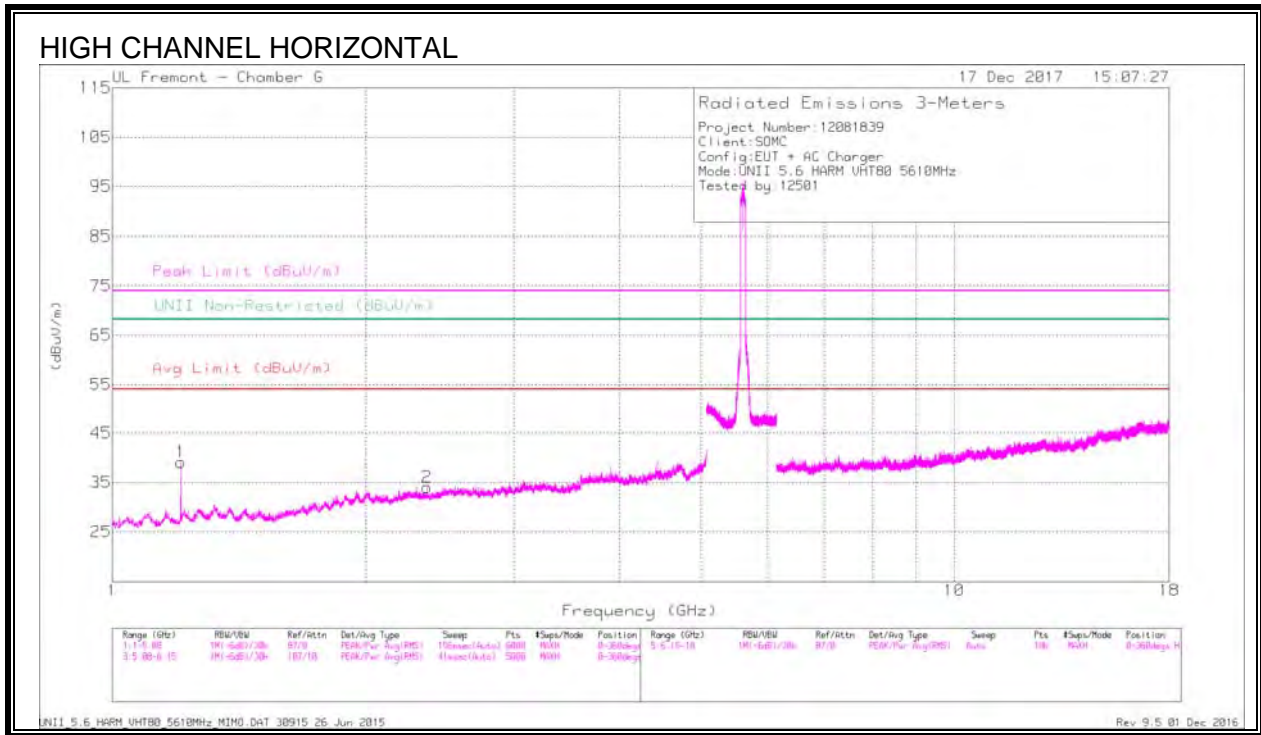
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.746	40.58	PK-U	33.4	-31.5	0	42.48	-	-	74	-31.52	-	-	10	224	H
	* 3.749	29.29	ADR	33.4	-31.5	.72	31.91	54	-22.09	-	-	-	-	10	224	H
2	* 3.817	40.86	PK-U	33.5	-31.6	0	42.76	-	-	74	-31.24	-	-	282	336	H
	* 3.818	29.5	ADR	33.5	-31.6	.72	32.12	54	-21.88	-	-	-	-	282	336	H
4	* 1.138	40.95	PK-U	27.5	-34.4	0	34.05	-	-	74	-39.95	-	-	260	191	V
	* 1.139	29.13	ADR	27.5	-34.4	.72	22.95	54	-31.05	-	-	-	-	260	191	V
5	* 1.287	40.86	PK-U	28.9	-34.7	0	35.06	-	-	74	-38.94	-	-	0	164	V
	* 1.287	29.22	ADR	28.9	-34.7	.72	24.14	54	-29.86	-	-	-	-	0	164	V
6	* 2.737	40.47	PK-U	32.3	-32.8	0	39.97	-	-	74	-34.03	-	-	164	160	V
	* 2.737	28.65	ADR	32.3	-32.8	.72	28.87	54	-25.13	-	-	-	-	164	160	V
3	* 8.359	37.04	PK-U	36.1	-27.8	0	45.34	-	-	74	-28.66	-	-	27	154	H
	* 8.358	25.82	ADR	36.1	-27.8	.72	34.84	54	-19.16	-	-	-	-	27	154	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



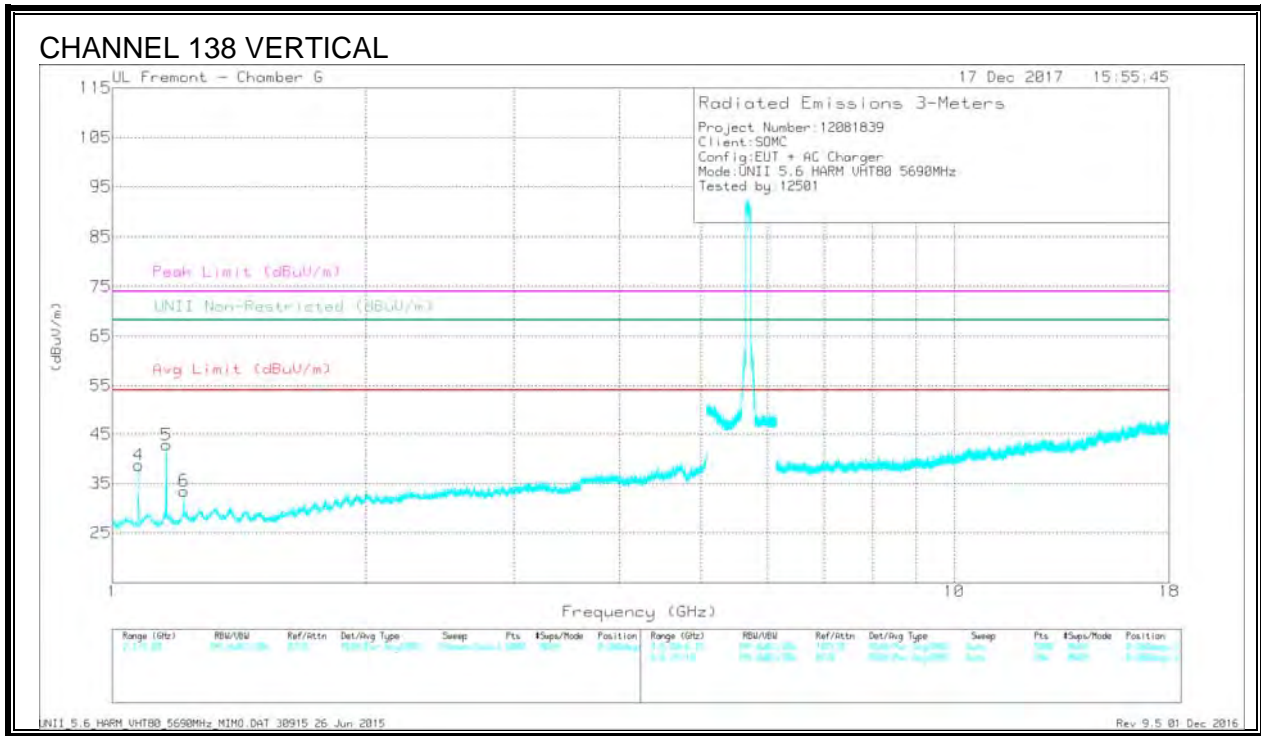
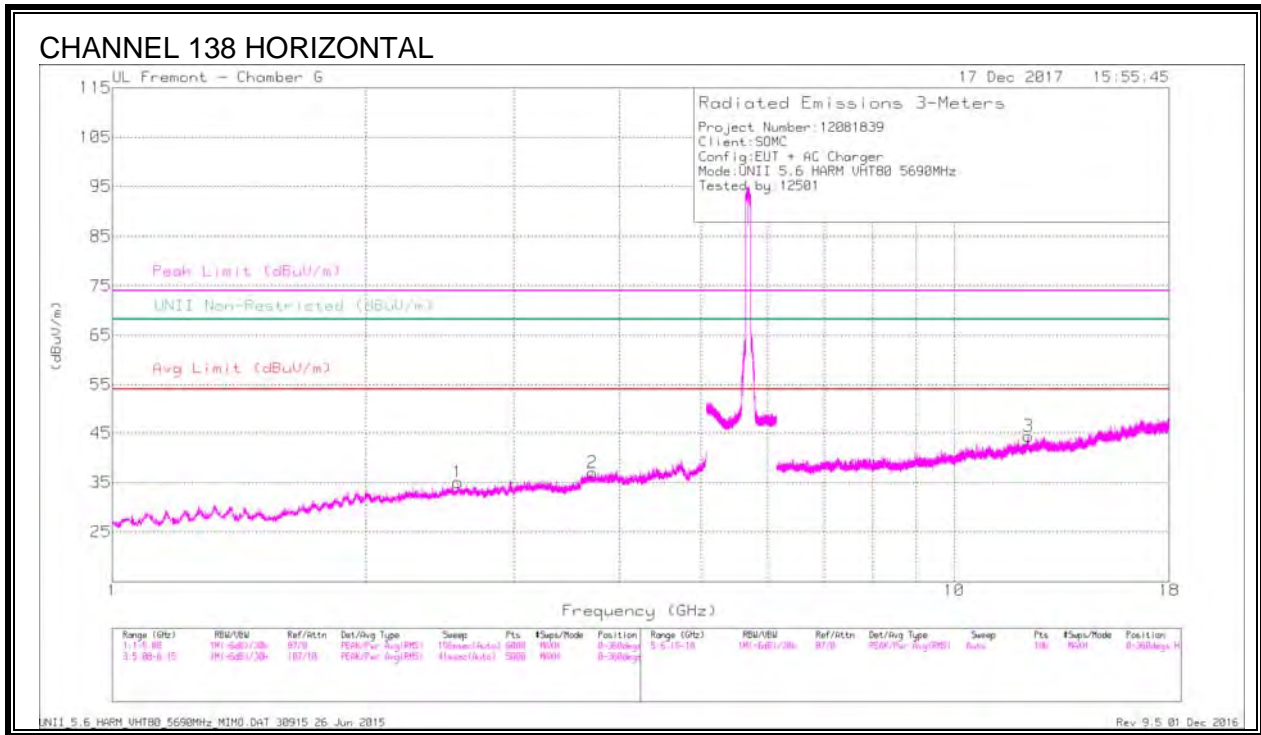
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.208	41.48	PK-U	28.1	-34.7	0	34.88	-	-	74	-39.12	-	-	293	233	H
	* 1.208	29.68	ADR	28.1	-34.7	.72	23.8	54	-30.2	-	-	-	-	293	233	H
2	* 2.363	41.32	PK-U	31.9	-32.9	0	40.32	-	-	74	-33.68	-	-	36	282	H
	* 2.366	28.91	ADR	31.9	-32.9	.72	28.63	54	-25.37	-	-	-	-	36	282	H
3	* 1.083	41.64	PK-U	27.4	-34.5	0	34.54	-	-	74	-39.46	-	-	331	348	V
	* 1.085	29.54	ADR	27.4	-34.5	.72	23.16	54	-30.84	-	-	-	-	331	348	V
4	* 1.163	42.33	PK-U	27.6	-34.3	0	35.63	-	-	74	-38.37	-	-	40	221	V
	* 1.165	30.36	ADR	27.6	-34.4	.72	24.28	54	-29.72	-	-	-	-	40	221	V
5	1.728	44.24	PK-U	29.4	-33.1	0	40.54	-	-	-	-	68.2	-27.66	356	367	V
6	2.305	40.75	PK-U	31.9	-32.8	0	39.85	-	-	-	-	68.2	-28.35	17	305	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.72	41	PK-U	33.3	-31.4	0	42.9	-	-	74	-31.1	-	-	330	277	H
	* 3.72	28.92	ADR	33.3	-31.4	.72	31.54	54	-22.46	-	-	-	-	330	277	H
4	* 1.075	41.49	PK-U	27.3	-34.4	0	34.39	-	-	74	-39.61	-	-	155	247	V
	* 1.076	29.33	ADR	27.3	-34.4	.72	22.95	54	-31.05	-	-	-	-	155	247	V
5	* 1.158	42.24	PK-U	27.6	-34.3	0	35.54	-	-	74	-38.46	-	-	247	283	V
	* 1.161	30.53	ADR	27.6	-34.3	.72	24.55	54	-29.45	-	-	-	-	247	283	V
6	* 1.214	42.53	PK-U	28.2	-34.4	0	36.33	-	-	74	-37.67	-	-	269	178	V
	* 1.217	30.38	ADR	28.2	-34.3	.72	25	54	-29	-	-	-	-	269	178	V
3	* 12.25	33.84	PK-U	39.1	-24	0	48.94	-	-	74	-25.06	-	-	35	354	H
	* 12.252	22.6	ADR	39.1	-24.1	.72	38.32	54	-15.68	-	-	-	-	35	354	H
1	2.572	41.25	PK-U	32.6	-32.5	0	41.35	-	-	-	-	68.2	-26.85	145	221	H

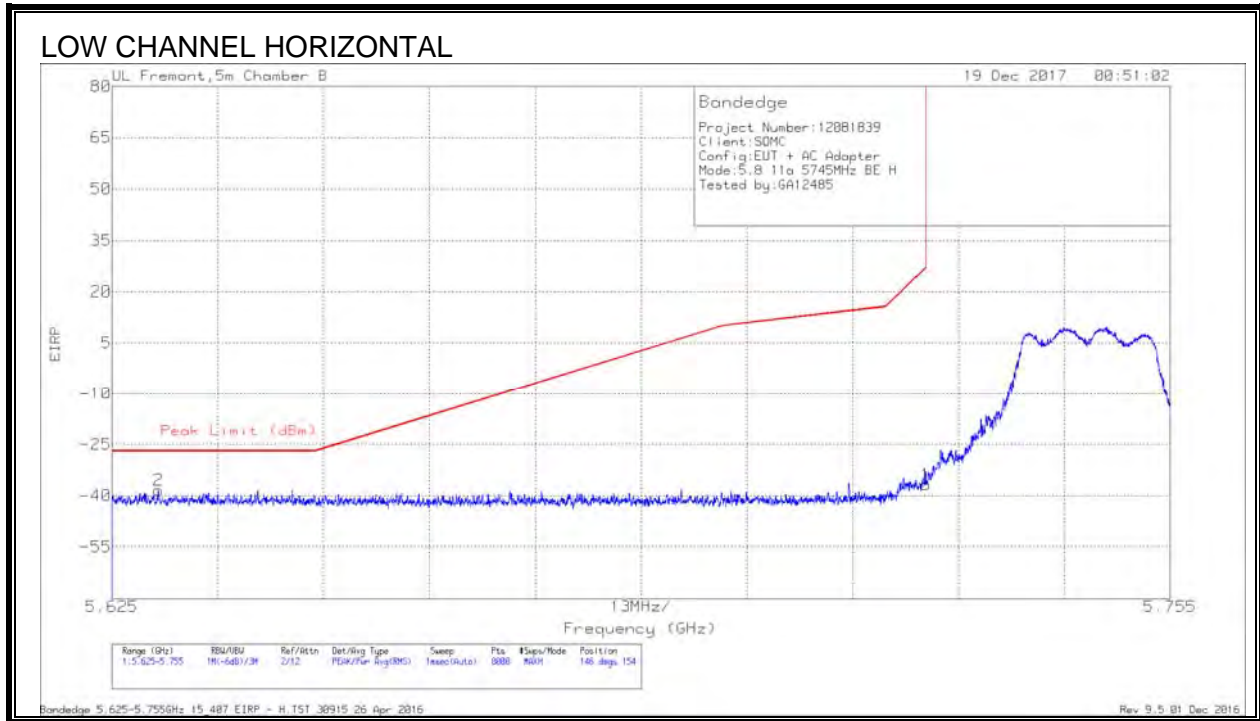
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

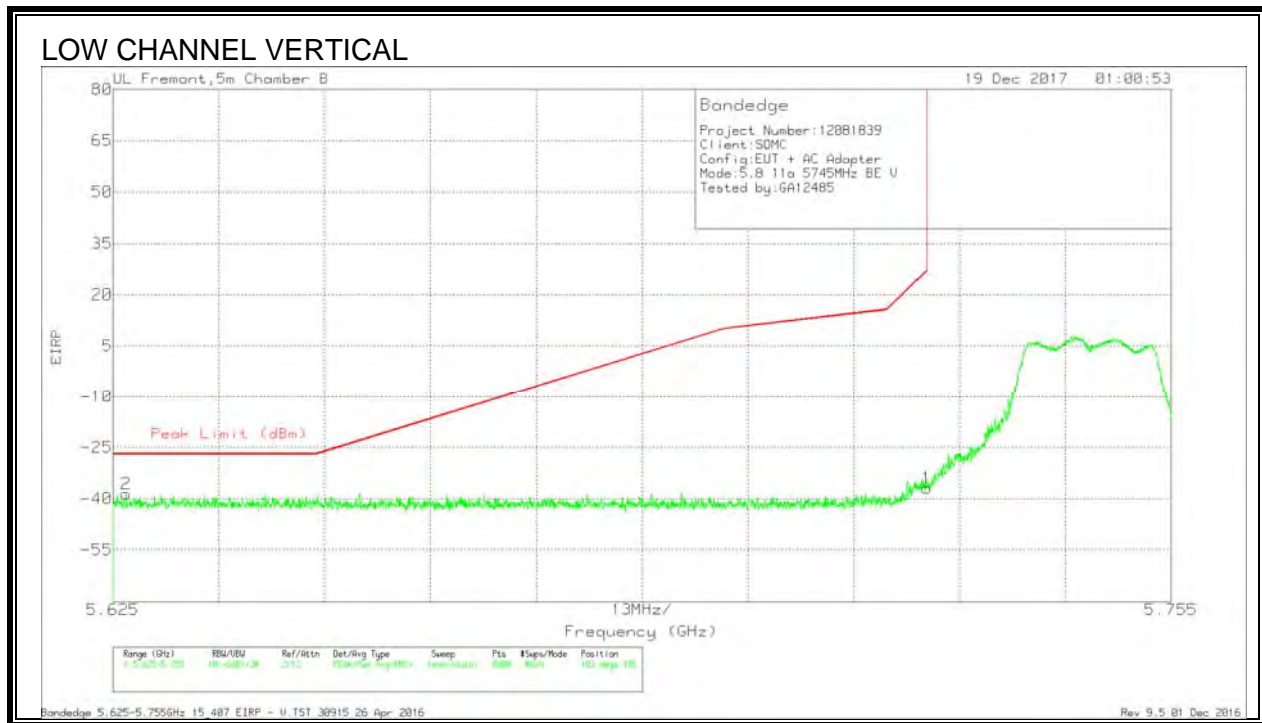
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-65.37	Pk	35.3	-20.1	11.8	0	-38.37	-27	-11.37	146	154	H
1	5.725	-63.42	Pk	35	-20.2	11.8	0	-36.82	27	-63.82	146	154	H

Pk - Peak detector

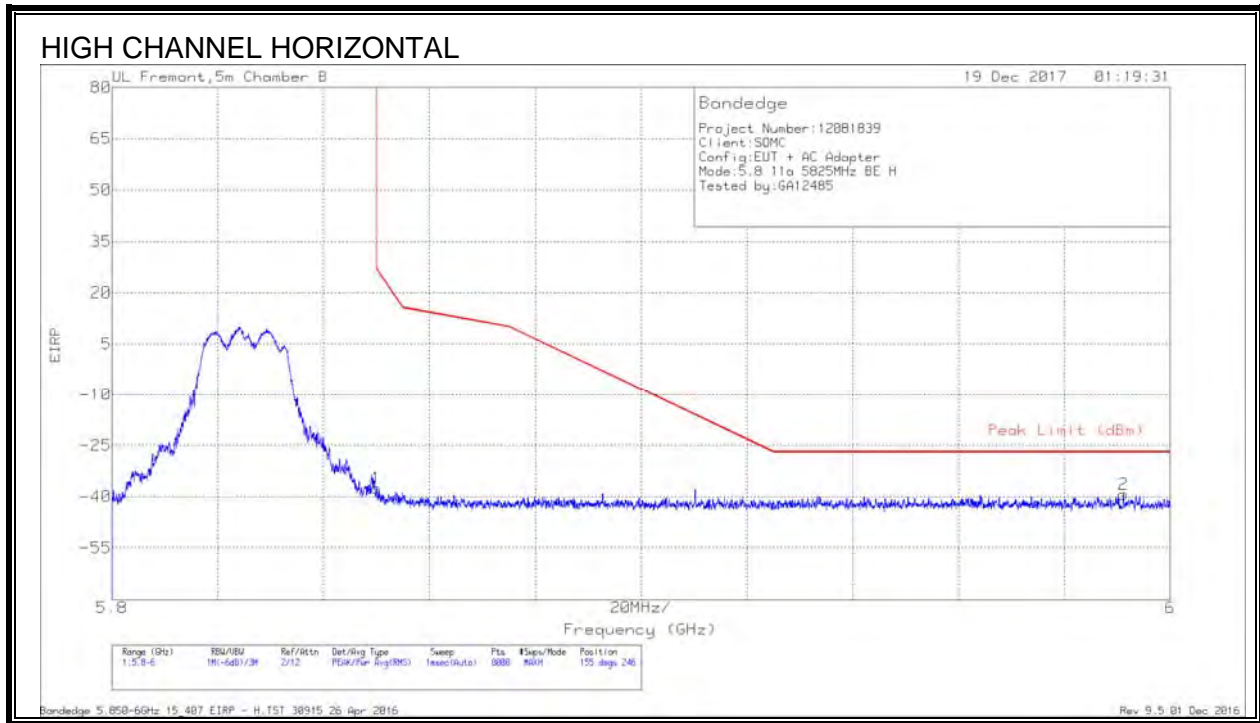


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-65.6	Pk	35.3	-20.1	11.8	0	-38.6	-27	-11.6	103	105	V
1	5.725	-63.61	Pk	35	-20.2	11.8	0	-37.01	27	-64.01	103	105	V

Pk - Peak detector

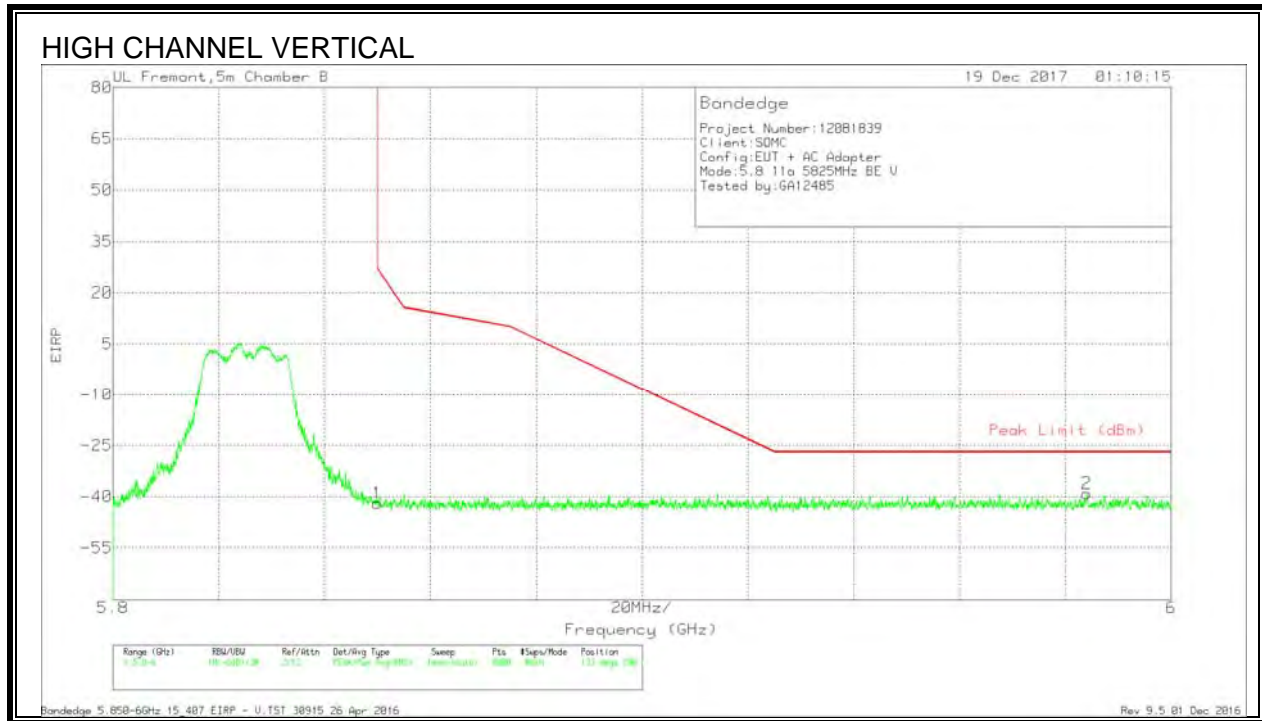
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/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	-64.33	PK	35.1	-20.1	11.8	0	-37.53	26.99	-64.52	155	246	H
2	5.991	-66.56	PK	35.3	-19.8	11.8	0	-39.26	-27	-12.26	155	246	H

Pk - Peak detector

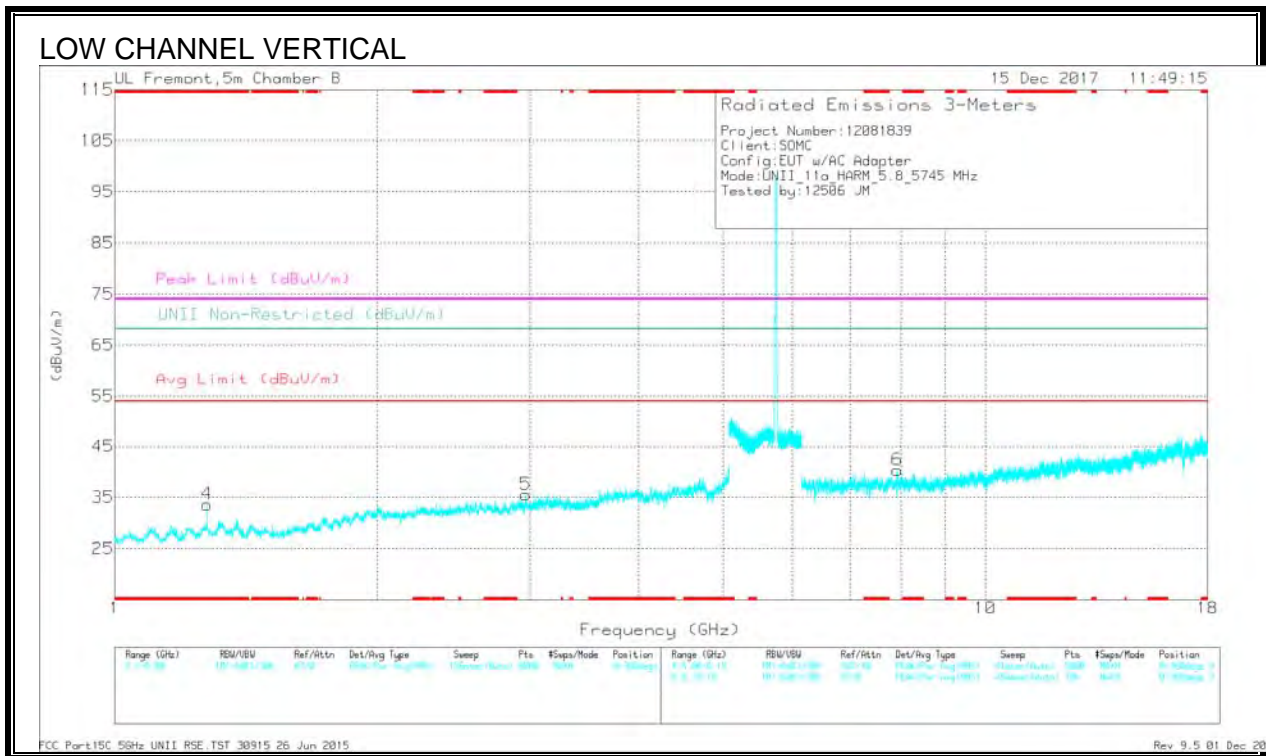
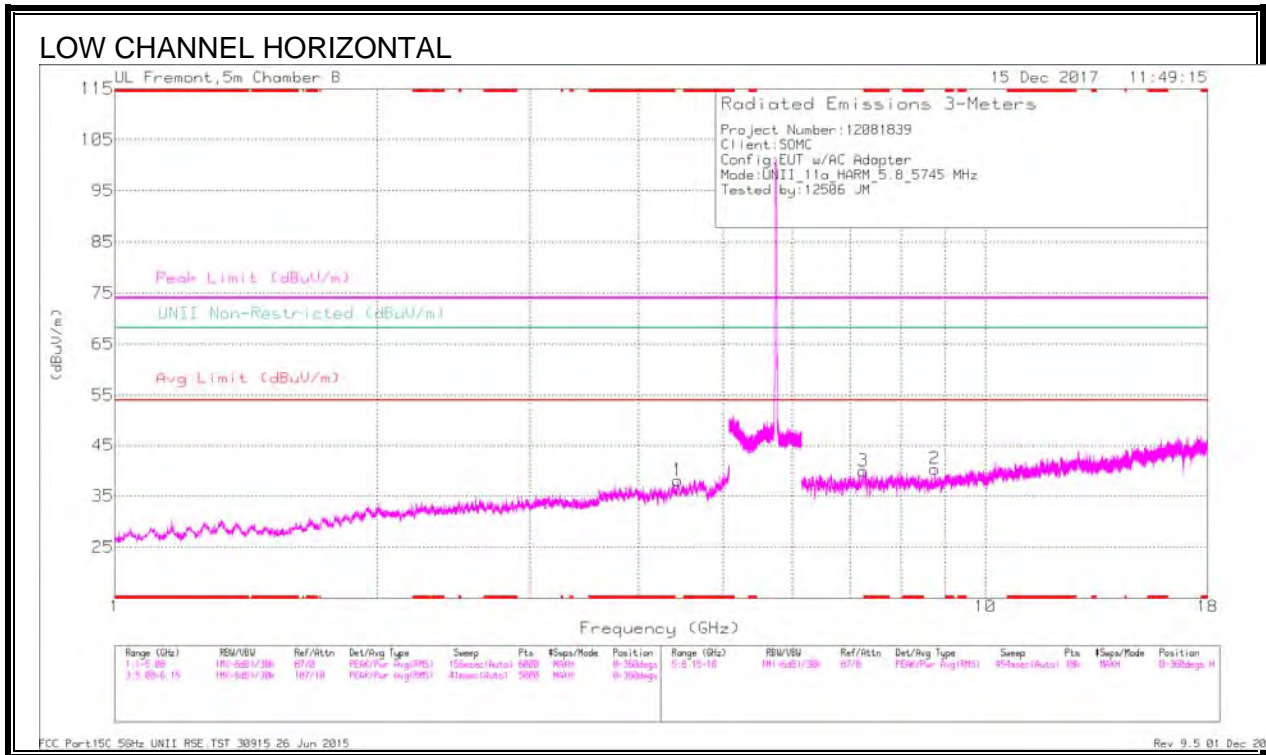


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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
1	5.85	-68.63	Pk	35.1	-20.1	11.8	0	-41.83	26.99	-68.82	133	290	V
2	5.984	-66.35	Pk	35.3	-19.8	11.8	0	-39.05	-27	-12.05	133	290	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



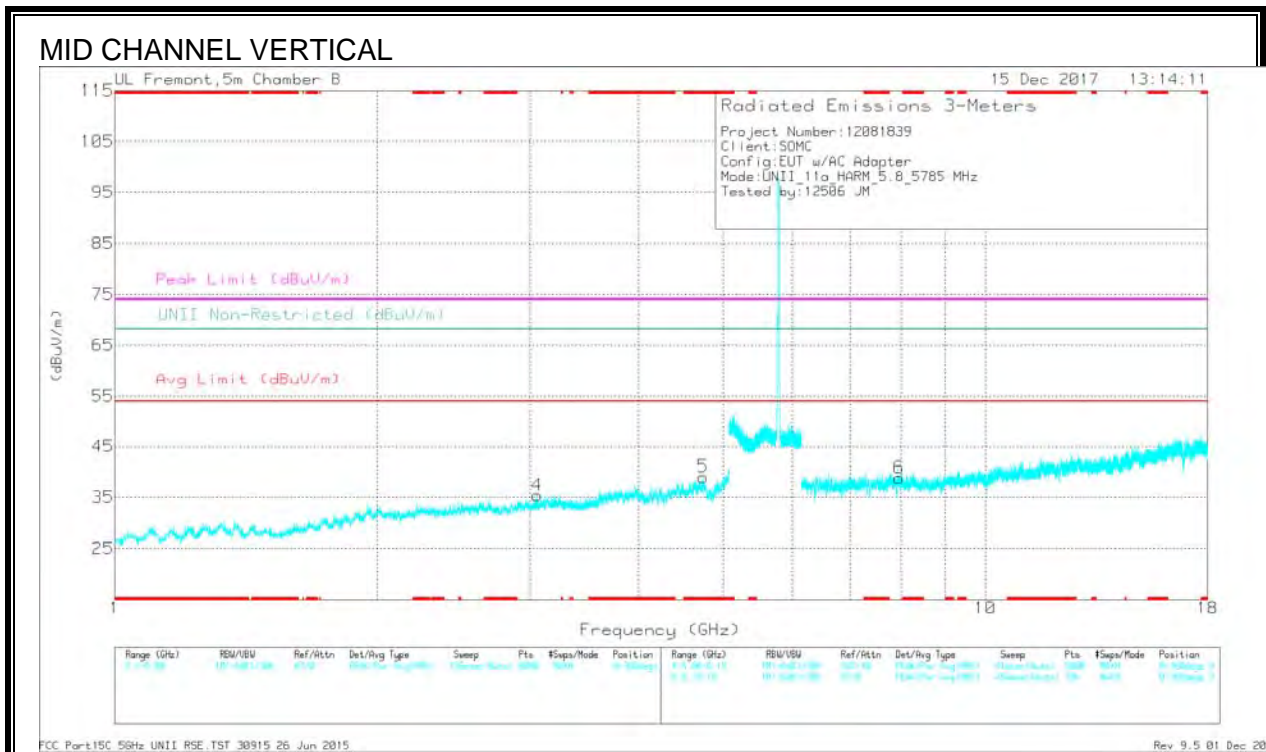
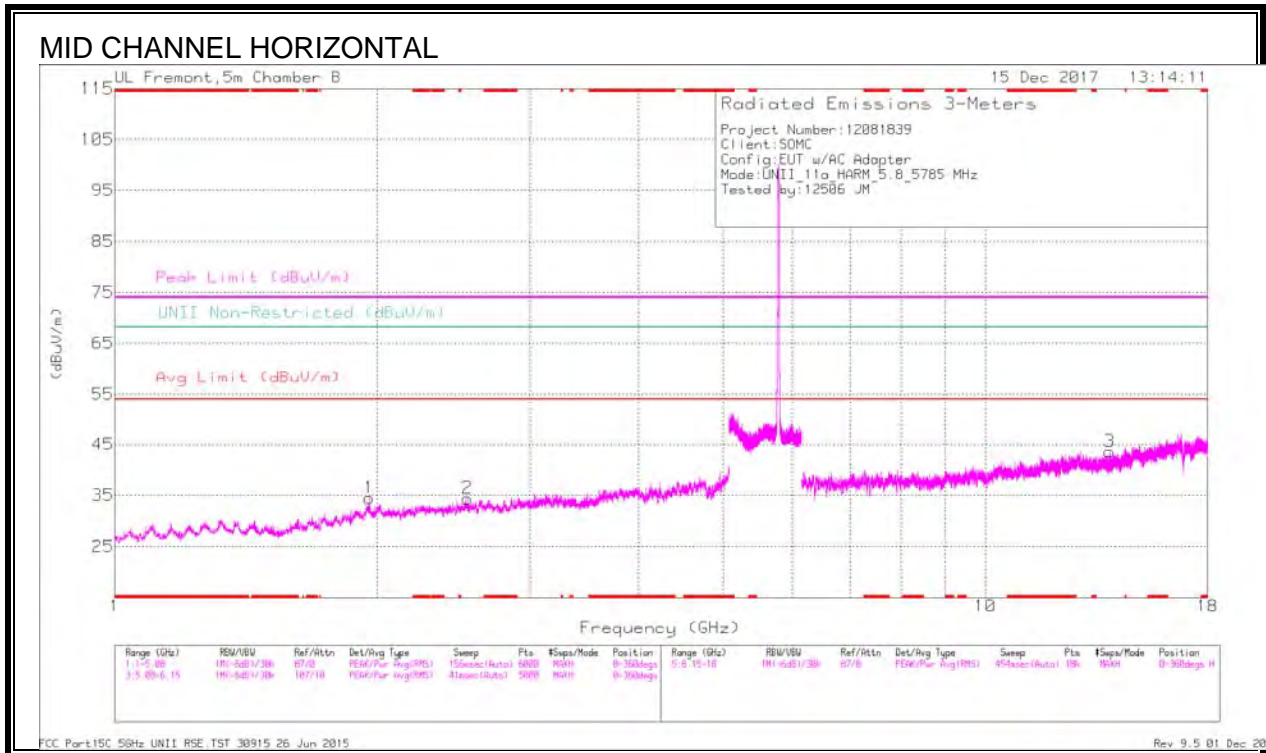
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.275	41.28	PK-U	28.9	-34.2	0	35.98	-	-	74	-38.02	-	-	313	305	V
	* 1.275	29.72	ADR	28.9	-34.2	.11	24.53	54	-29.47	-	-	-	-	313	305	V
5	2.965	40.18	PK-U	32.7	-31.8	0	41.08	-	-	-	-	68.2	-27.12	260	199	V
1	4.433	39.25	PK-U	33.8	-28.6	0	44.45	-	-	-	-	68.2	-23.75	255	201	H
3	7.235	35.95	PK-U	35.8	-25.9	0	45.85	-	-	-	-	68.2	-22.35	212	162	H
6	7.924	35.68	PK-U	36	-25.6	0	46.08	-	-	-	-	68.2	-22.12	355	199	V
2	8.742	34.36	PK-U	36.2	-25.3	0	45.26	-	-	-	-	68.2	-22.94	74	104	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



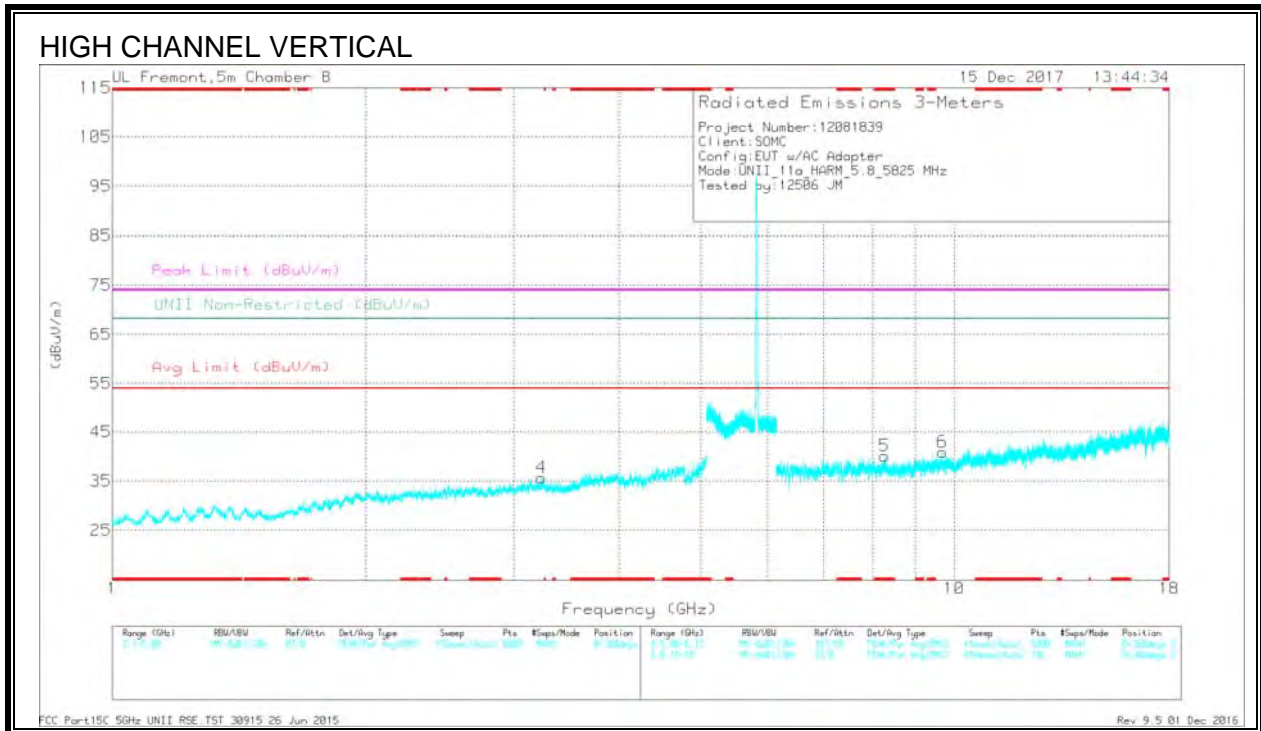
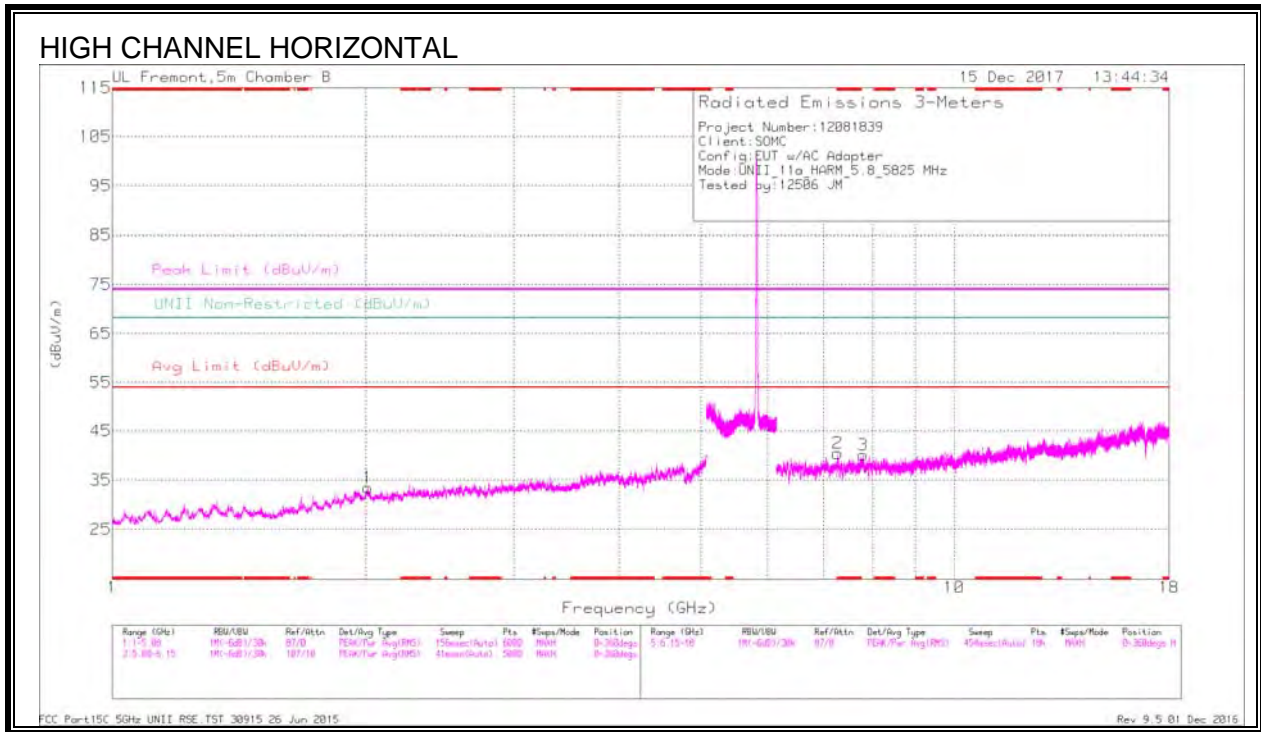
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 4.742	39.27	PK-U	34.2	-29	0	44.47	-	-	74	-29.53	-	-	116	176	V
	* 4.741	27.61	ADR	34.2	-29	.11	32.92	54	-21.08	-	-	-	-	116	176	V
1	1.959	40.09	PK-U	31.1	-31.8	0	39.39	-	-	-	-	68.2	-28.81	280	199	H
2	2.541	39.1	PK-U	32.5	-31.5	0	40.1	-	-	-	-	68.2	-28.1	57	104	H
4	3.059	38.86	PK-U	33	-31.4	0	40.46	-	-	-	-	68.2	-27.74	218	199	V
6	7.959	29.34	PK-U	36	-26.5	0	38.84	-	-	-	-	68.2	-29.36	0-360	102	V
3	13.888	31.19	PK-U	39.1	-21.2	0	49.09	-	-	-	-	68.2	-19.11	224	198	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 7.27	35.85	PK-U	35.8	-25.4	0	46.25	-	-	74	-27.75	-	-	34	241	H
	* 7.273	23.47	ADR	35.8	-25.7	.11	33.68	54	-20.32	-	-	-	-	34	241	H
5	* 8.264	35.28	PK-U	36.1	-25.6	0	45.78	-	-	74	-28.22	-	-	256	199	V
	* 8.264	23.48	ADR	36.1	-25.6	.11	34.09	54	-19.91	-	-	-	-	256	199	V
1	2.009	40.29	PK-U	31.3	-32	0	39.99	-	-	-	-	68.2	-28.61	191	138	H
4	3.235	39.07	PK-U	33.1	-30.8	0	41.37	-	-	-	-	68.2	-26.83	68	104	V
3	7.802	36.88	PK-U	36	-26.3	0	46.58	-	-	-	-	68.2	-21.62	323	104	H
6	9.686	33.73	PK-U	36.9	-24.5	0	46.13	-	-	-	-	68.2	-22.07	308	199	V

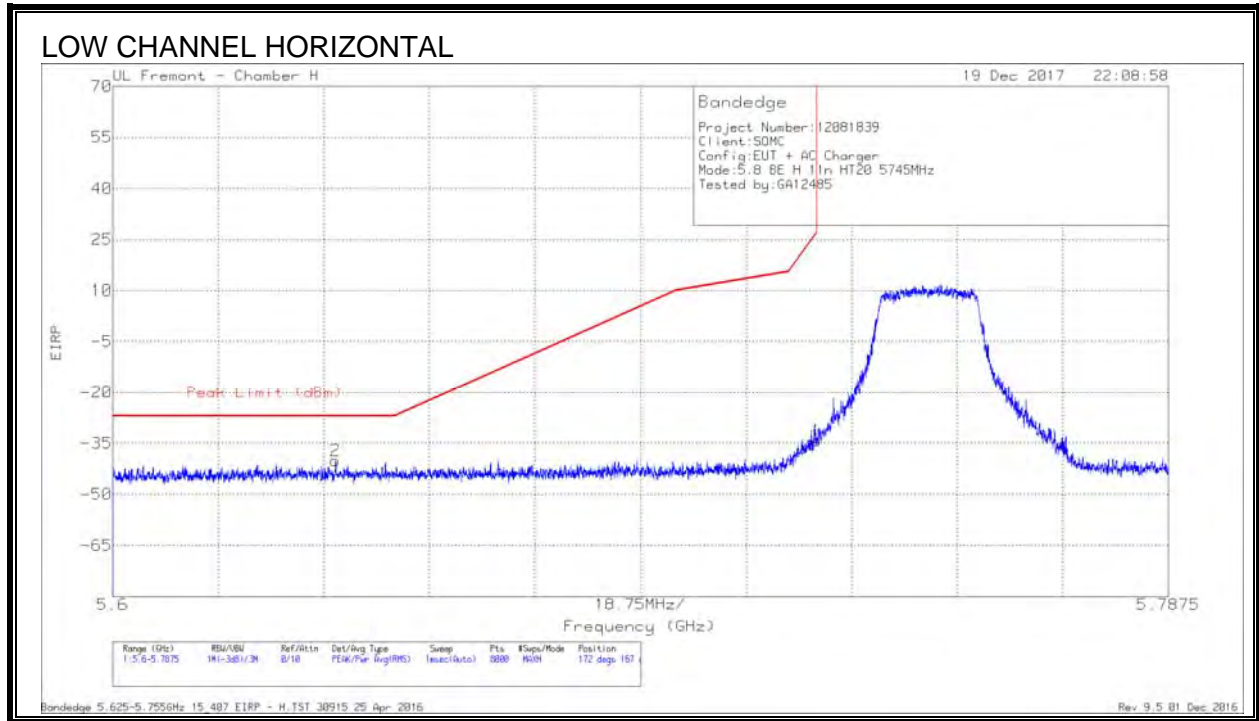
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.1.14.11n HT20 2TX CDD MIMO MODE IN THE 5.8GHz BAND

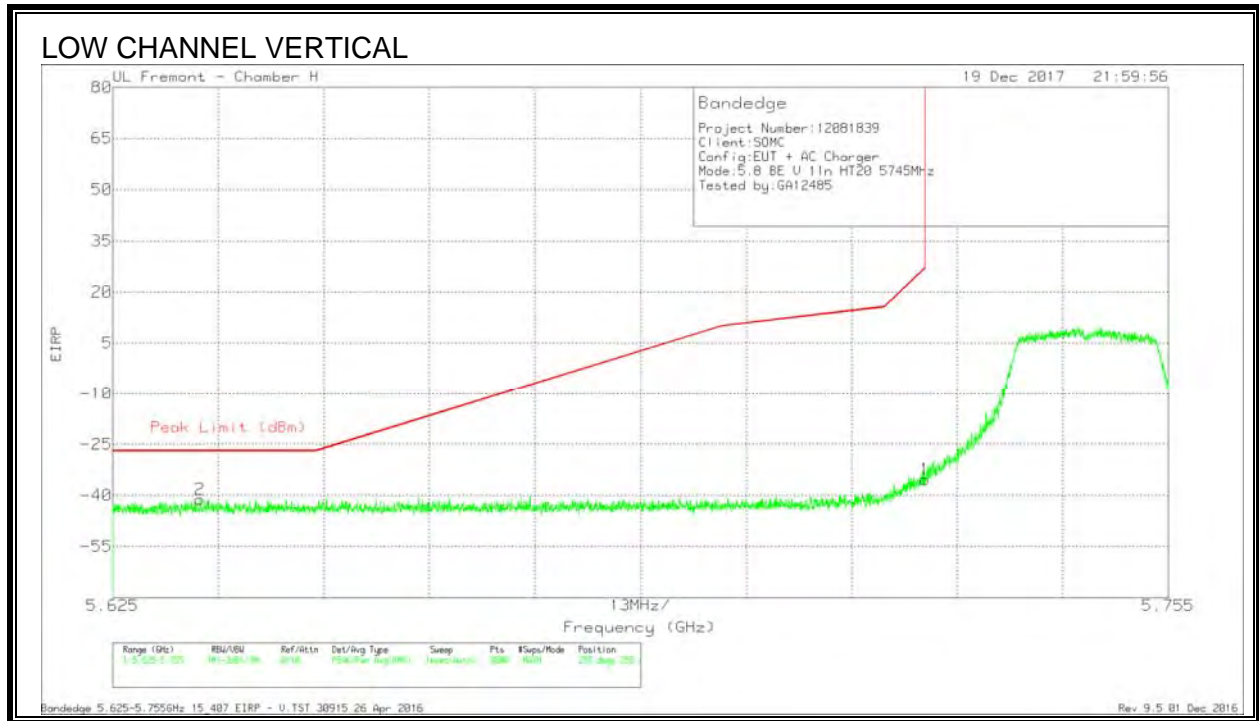
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-63.17	Pk	34.9	-23.6	11.8	0	-40.07	-27	-13.07	172	167	H
1	5.725	-57.63	Pk	35.1	-23.5	11.8	0	-34.23	26.96	-61.19	172	167	H

Pk - Peak detector

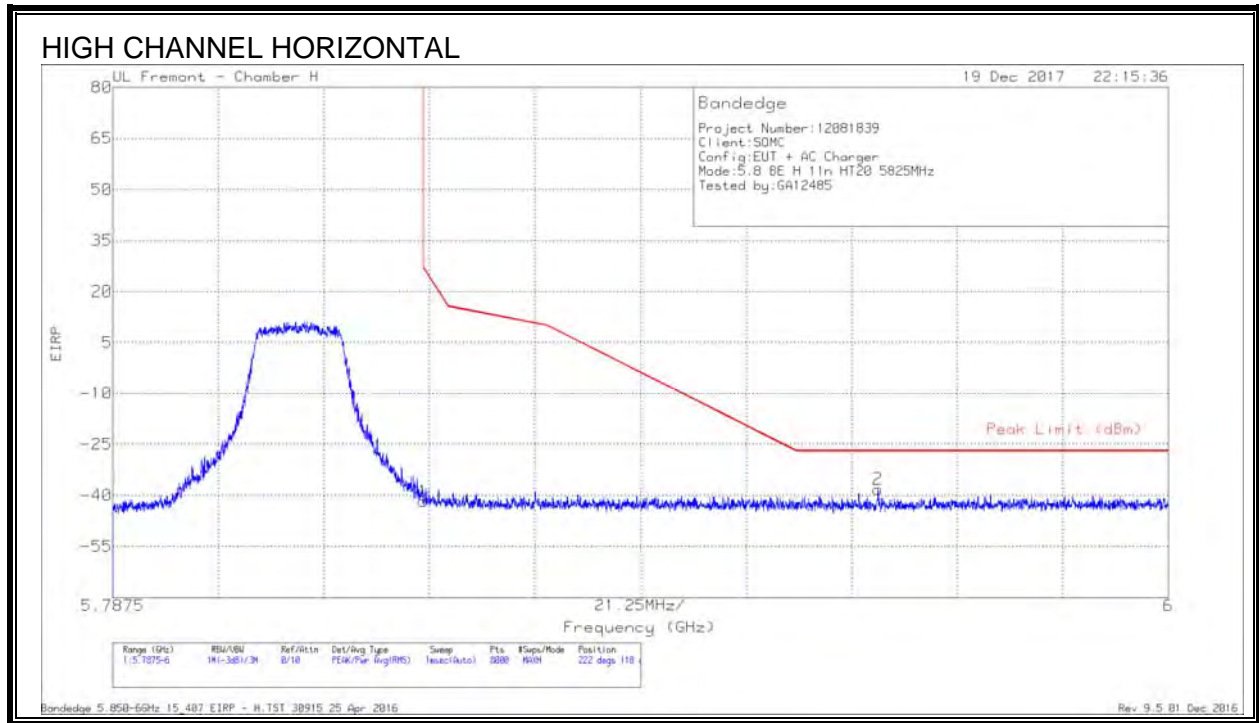


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (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	5.636	-64.25	Pk	34.9	-23.6	11.8	0	-41.15	-27	-14.15	255	258	V
1	5.725	-58.62	Pk	35.1	-23.5	11.8	0	-35.22	27	-62.22	255	258	V

Pk - Peak detector

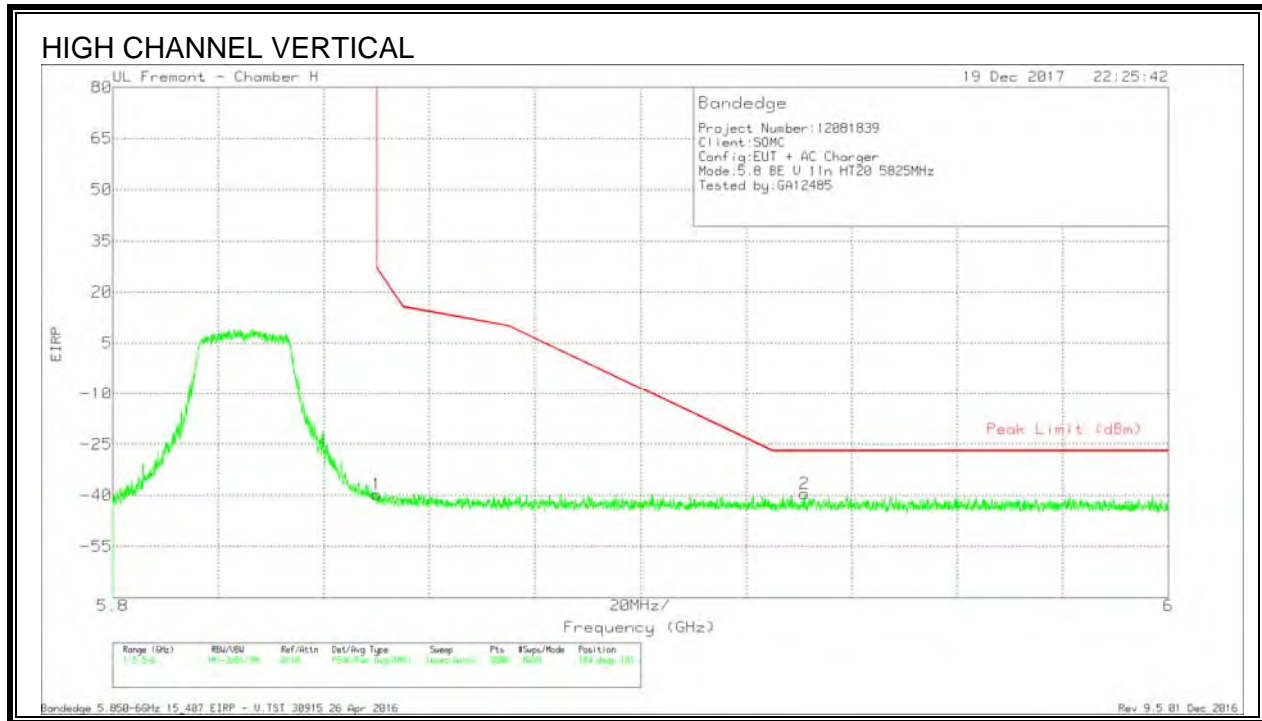
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/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	-65.55	PK	35.4	-23.3	11.8	0	-41.65	26.98	-68.63	222	118	H
2	5.942	-62.33	PK	35.5	-23.1	11.8	0	-38.13	-27	-11.13	222	118	H

Pk - Peak detector

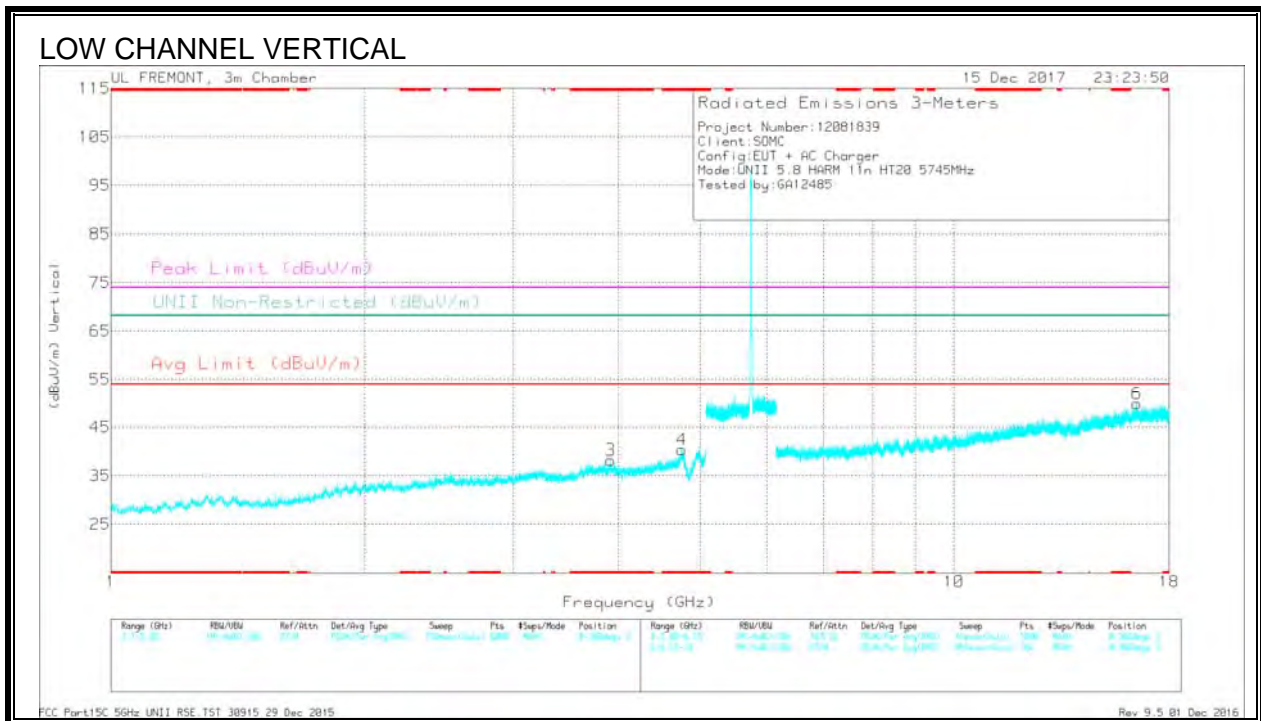
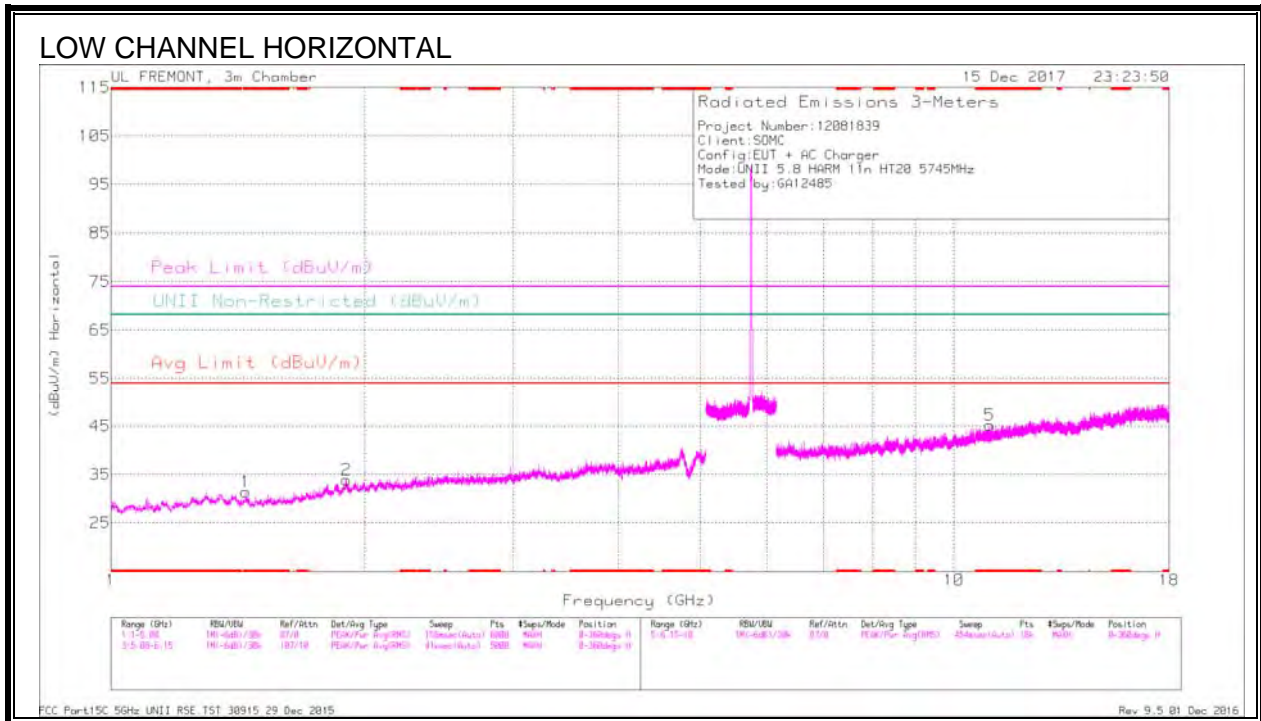


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/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	-63.65	Pk	35.4	-23.3	11.8	0	-39.75	26.99	-66.74	184	101	V
2	5.931	-63.74	Pk	35.5	-23.1	11.8	0	-39.54	-27	-12.54	184	101	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



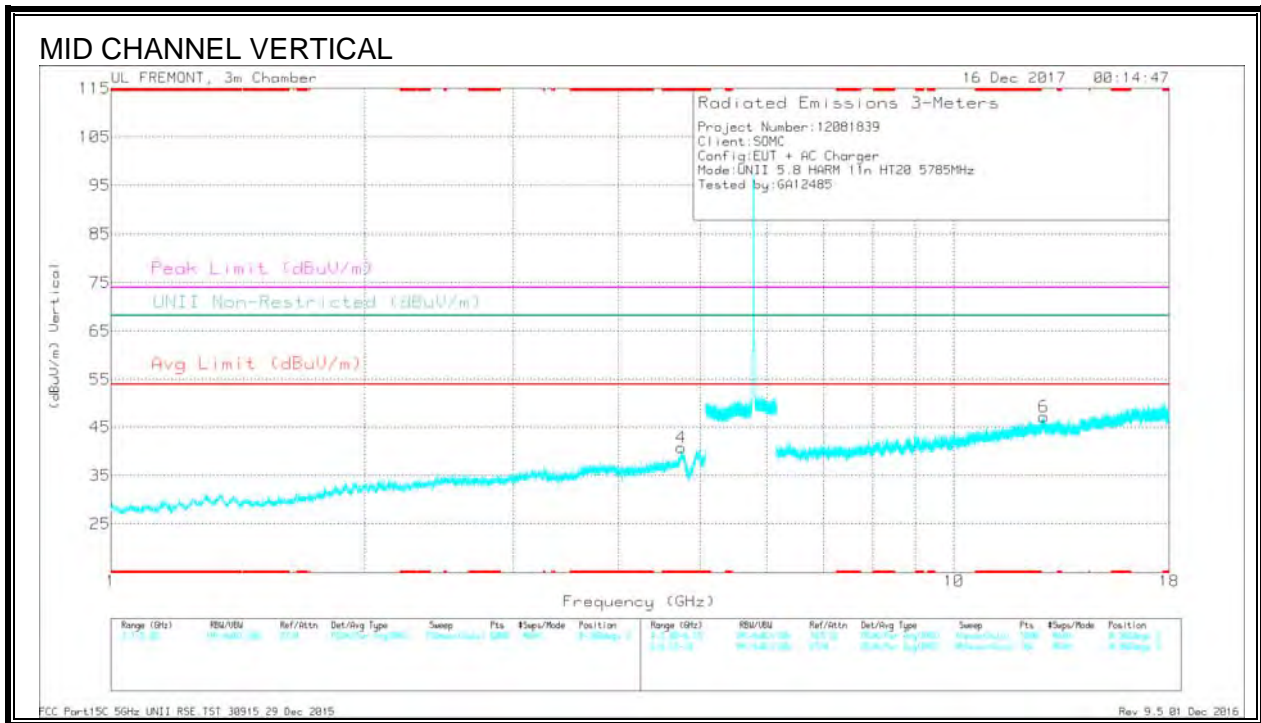
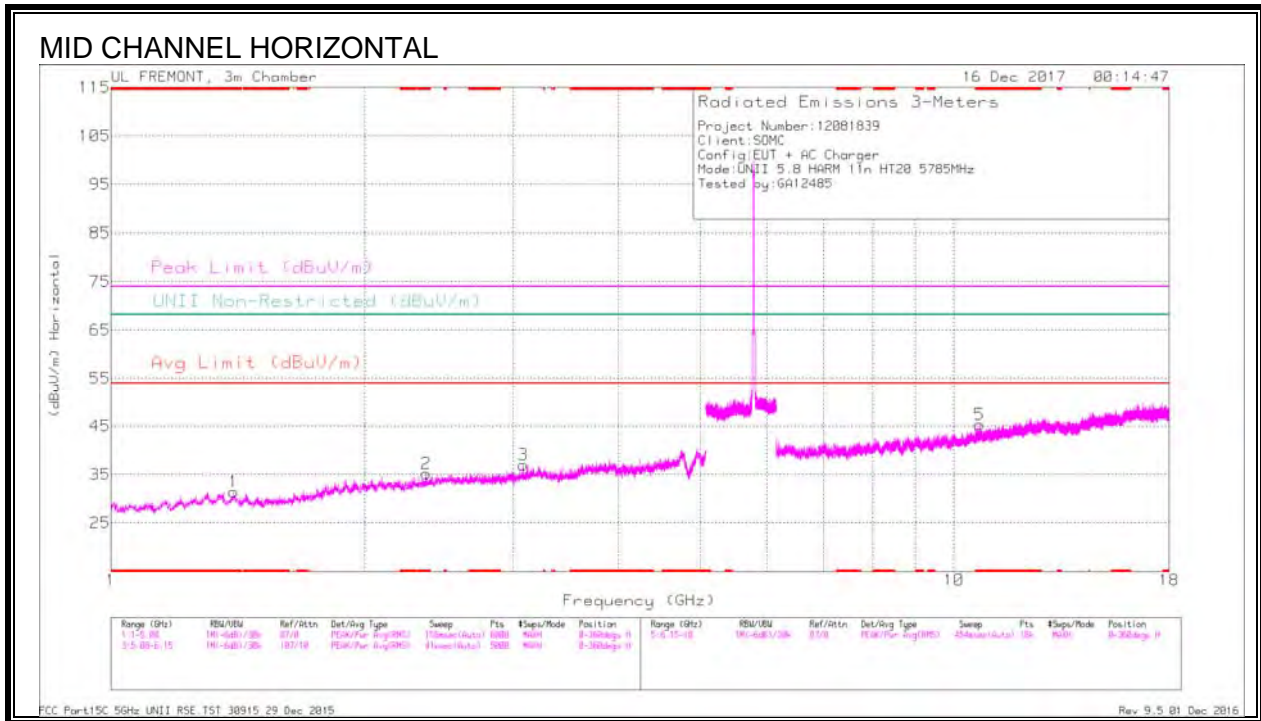
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.447	40.62	PK-U	28.5	-31.9	0	37.22	-	-	74	-36.78	-	-	160	251	H
	* 1.445	29.17	ADR	28.5	-31.9	.14	25.91	54	-28.09	-	-	-	-	160	251	H
3	* 3.915	39.47	PK-U	33.4	-29.2	0	43.67	-	-	74	-30.33	-	-	37	245	V
	* 3.912	26.91	ADR	33.4	-29.2	.14	31.25	54	-22.75	-	-	-	-	37	245	V
4	* 4.754	41.57	PK-U	34	-28.4	0	47.17	-	-	74	-26.83	-	-	189	110	V
	* 4.754	29.03	ADR	34	-28.4	.14	34.77	54	-19.23	-	-	-	-	189	110	V
5	* 11.022	33.69	PK-U	37.8	-21.5	0	49.99	-	-	74	-24.01	-	-	228	171	H
	* 11.02	21.04	ADR	37.8	-21.7	.14	37.28	54	-16.72	-	-	-	-	228	171	H
2	1.902	40.71	PK-U	30.8	-30.8	0	40.71	-	-	-	-	68.2	-27.49	281	302	H
6	16.495	35.97	PK-U	41.3	-21.3	0	55.97	-	-	-	-	68.2	-12.23	43	362	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



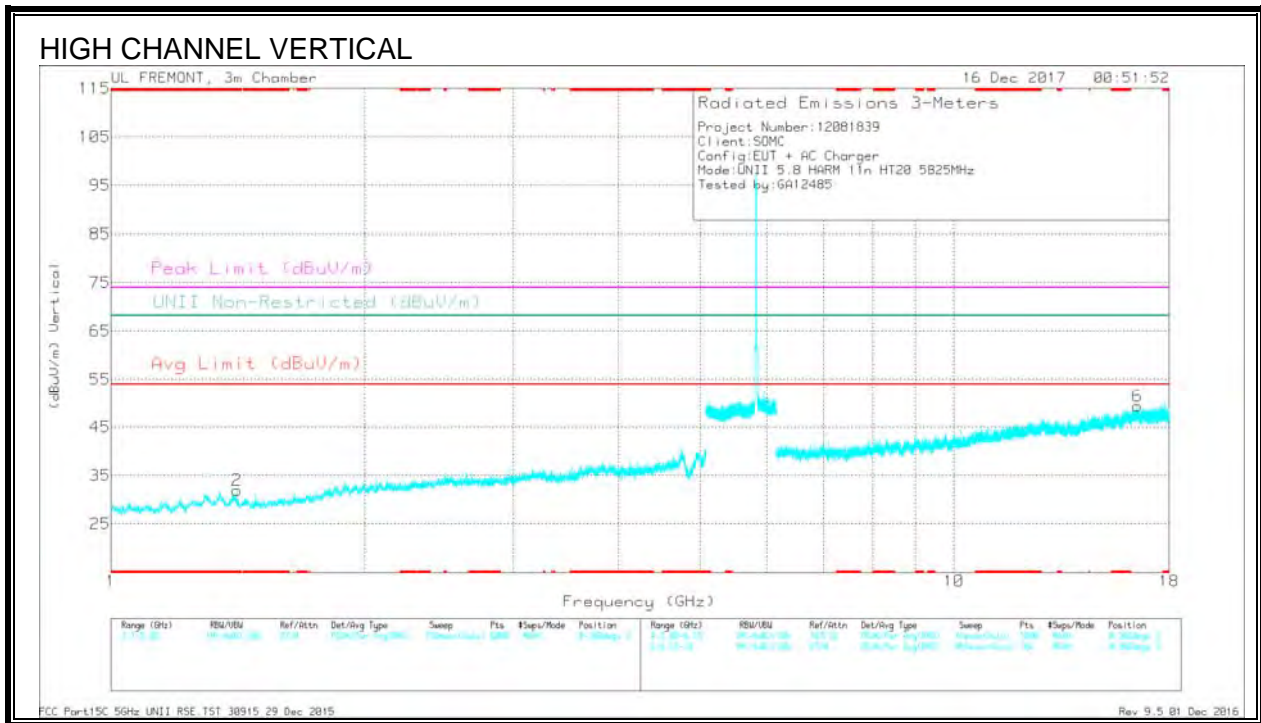
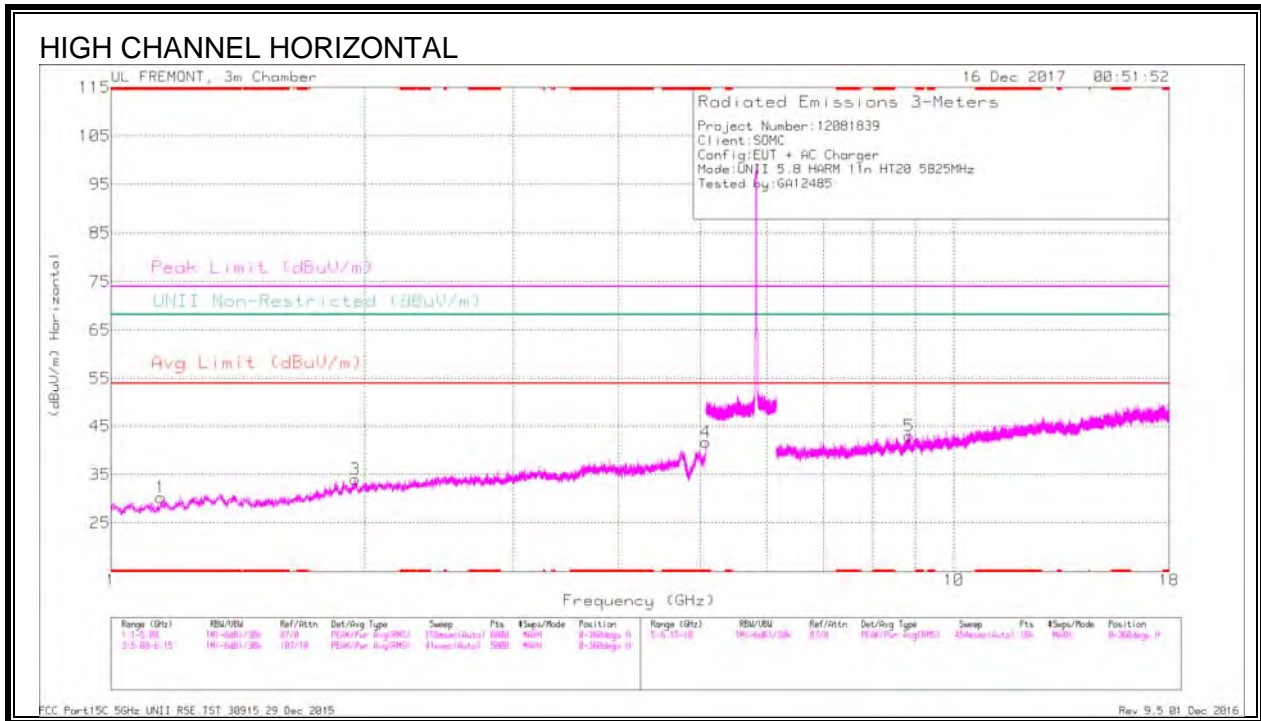
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.398	40.67	PK-U	28.8	-31.7	0	37.77	-	-	74	-36.23	-	-	28	119	H
	* 1.398	28.76	ADR	28.8	-31.7	.14	26	54	-28	-	-	-	-	28	119	H
2	* 2.369	39.55	PK-U	31.9	-30.7	0	40.75	-	-	74	-33.25	-	-	19	231	H
	* 2.366	27.69	ADR	31.9	-30.9	.14	28.83	54	-25.17	-	-	-	-	19	231	H
4	* 4.749	40.86	PK-U	34	-28.3	0	46.56	-	-	74	-27.44	-	-	128	265	V
	* 4.75	29.14	ADR	34	-28.4	.14	34.88	54	-19.12	-	-	-	-	128	265	V
5	* 10.721	35.1	PK-U	37.9	-21.7	0	51.3	-	-	74	-22.7	-	-	270	376	H
	* 10.722	21.26	ADR	37.9	-21.7	.14	37.6	54	-16.4	-	-	-	-	270	376	H
3	3.084	39.06	PK-U	33	-30.3	0	41.76	-	-	-	-	68.2	-26.44	63	350	H
6	12.788	35.71	PK-U	39	-21.8	0	52.91	-	-	-	-	68.2	-15.29	223	386	V

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



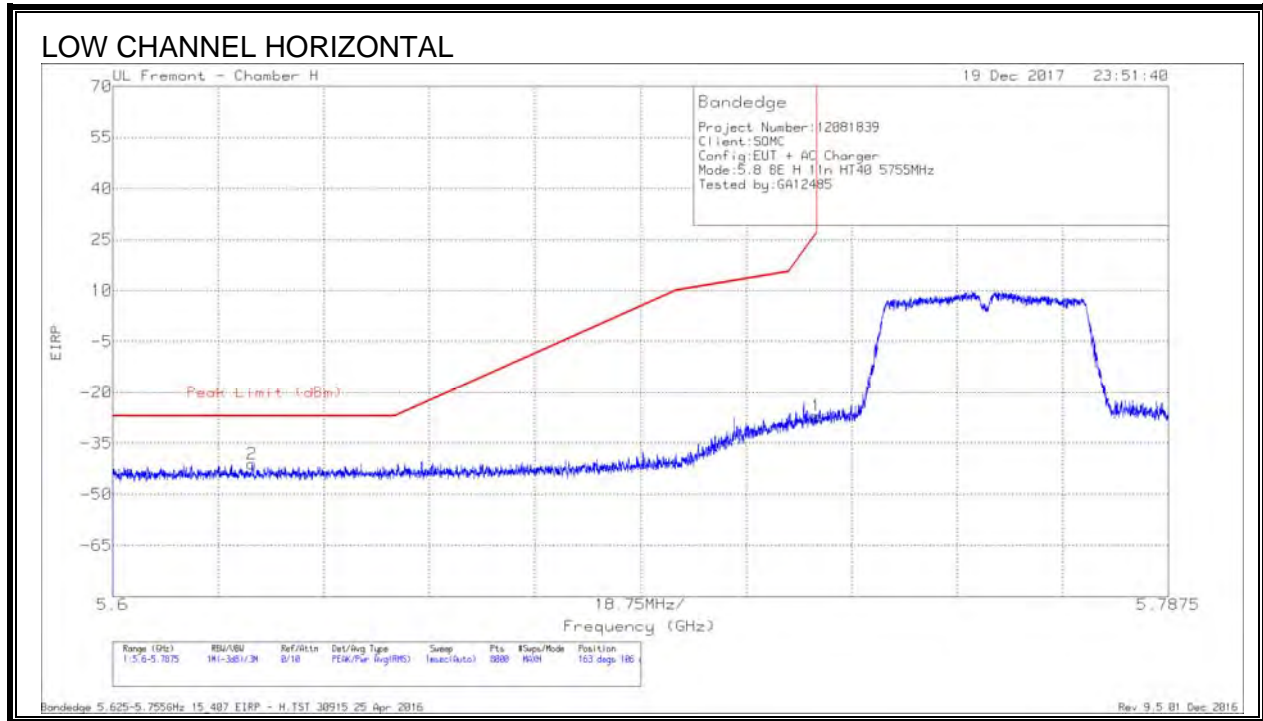
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.145	40.64	PK-U	27.7	-32.2	0	36.14	-	-	74	-37.86	-	-	26	200	H
	* 1.147	28.53	ADR	27.7	-32.1	.14	24.27	54	-29.73	-	-	-	-	26	200	H
4	* 5.079	38.78	PK-U	34.1	-25.7	0	47.18	-	-	74	-26.82	-	-	253	100	H
	* 5.078	26.37	ADR	34.1	-25.7	.14	34.91	54	-19.09	-	-	-	-	253	100	H
2	* 1.41	40.91	PK-U	28.7	-31.7	0	37.91	-	-	74	-36.09	-	-	200	100	V
	* 1.408	28.3	ADR	28.7	-31.7	.14	25.44	54	-28.56	-	-	-	-	200	100	V
3	1.95	41	PK-U	31	-31.2	0	40.8	-	-	-	-	68.2	-27.4	112	100	H
5	8.855	35.18	PK-U	36	-22.6	0	48.58	-	-	-	-	68.2	-19.62	241	100	H
6	16.503	35.68	PK-U	41.3	-21.3	0	55.68	-	-	-	-	68.2	-12.52	69	100	V

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

10.1.15.11n HT40 2TX CDD MIMO MODE IN THE 5.8GHz BAND

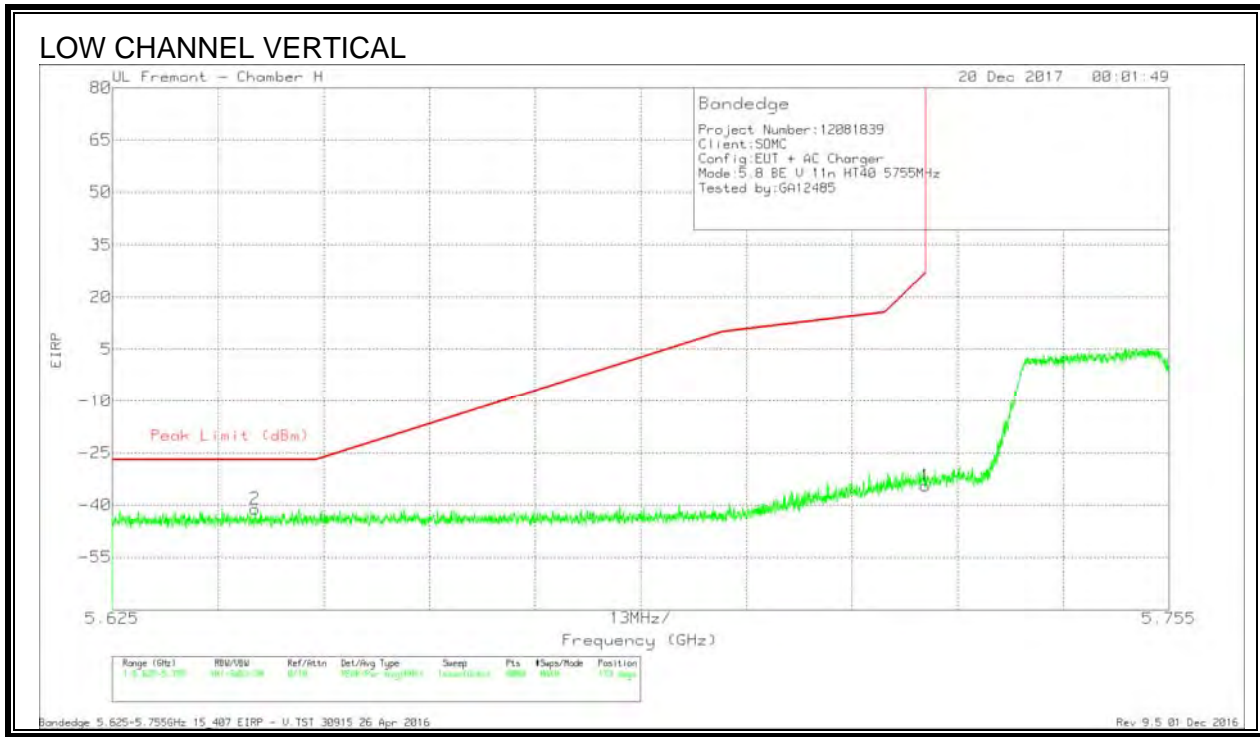
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (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	5.625	-64.16	Pk	34.9	-23.5	11.8	0	-40.96	-27	-13.96	163	106	H
1	5.725	-50.34	Pk	35.1	-23.5	11.8	0	-26.94	26.96	-53.9	163	106	H

Pk - Peak detector

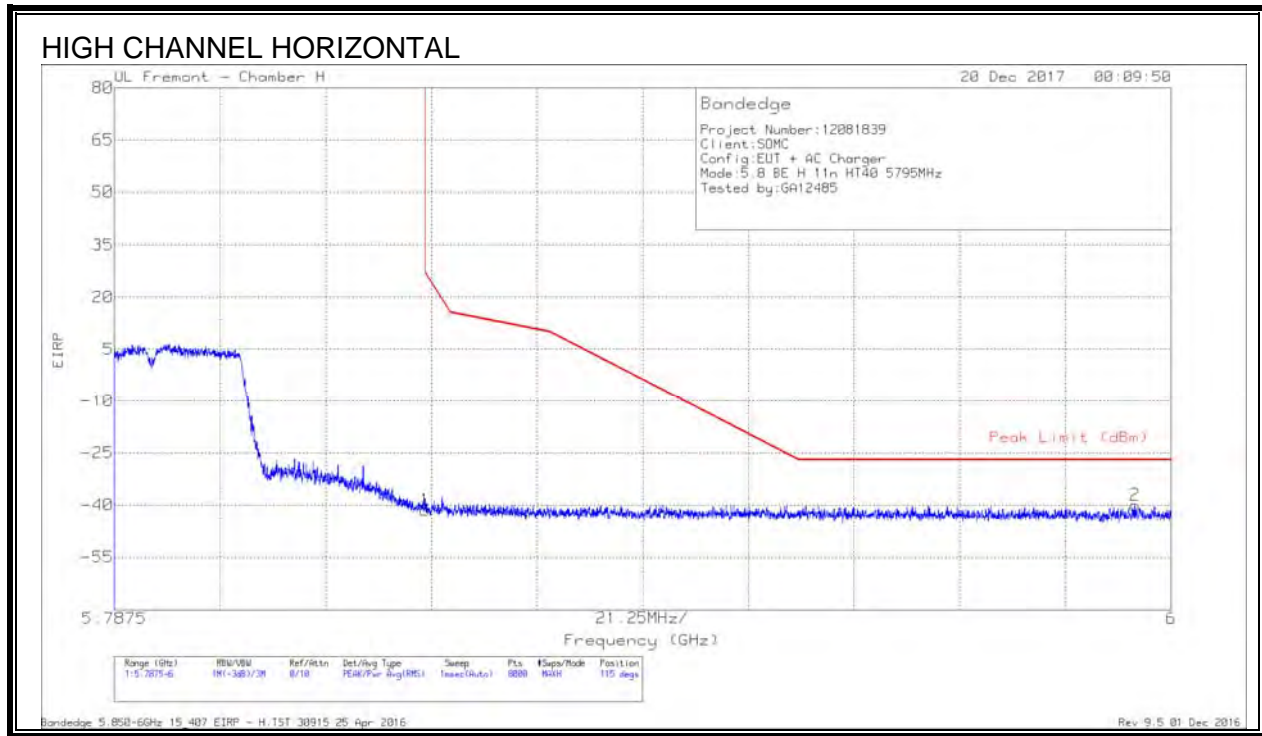


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (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	5.643	-64.22	Pk	34.9	-23.6	11.8	0	-41.12	-27	-14.12	173	128	V
1	5.725	-57.79	Pk	35.1	-23.5	11.8	0	-34.39	27	-61.39	173	128	V

Pk - Peak detector

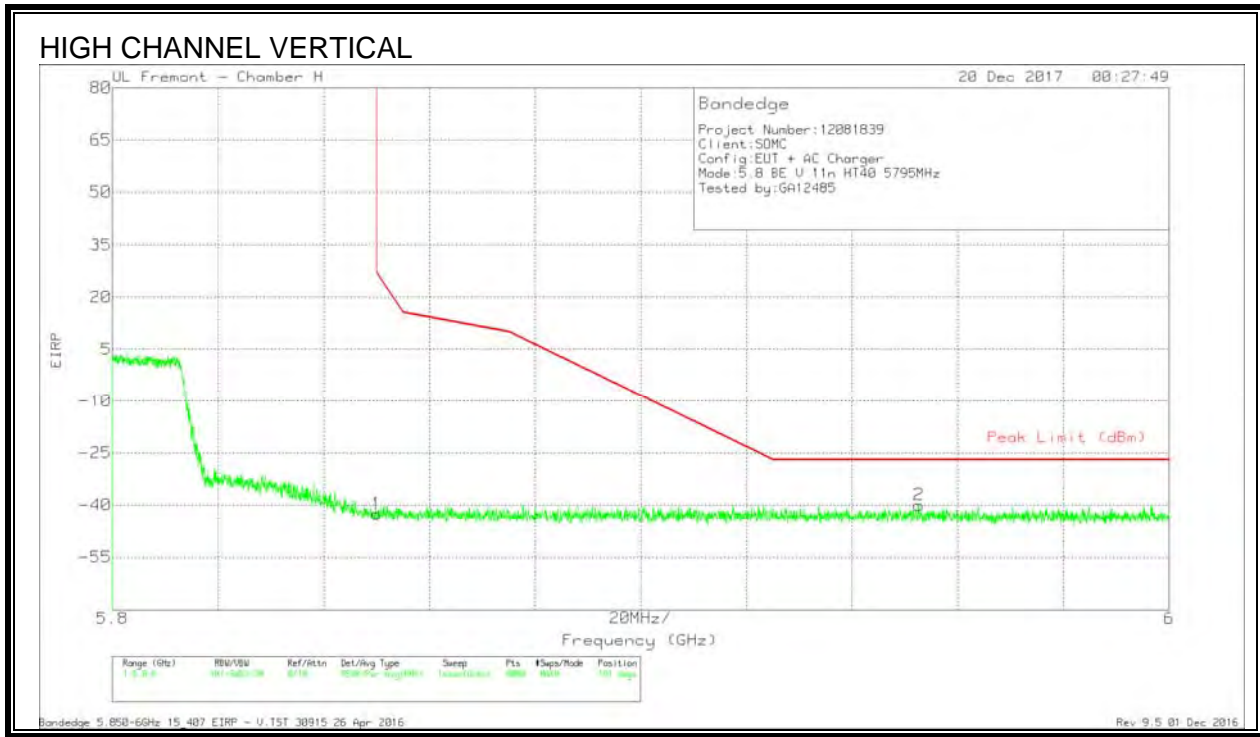
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (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	-65.32	Pk	35.4	-23.3	11.8	0	-41.42	26.98	-68.4	115	161	H
2	5.993	-64.32	Pk	35.5	-23	11.8	0	-40.02	-27	-13.02	115	161	H

Pk - Peak detector

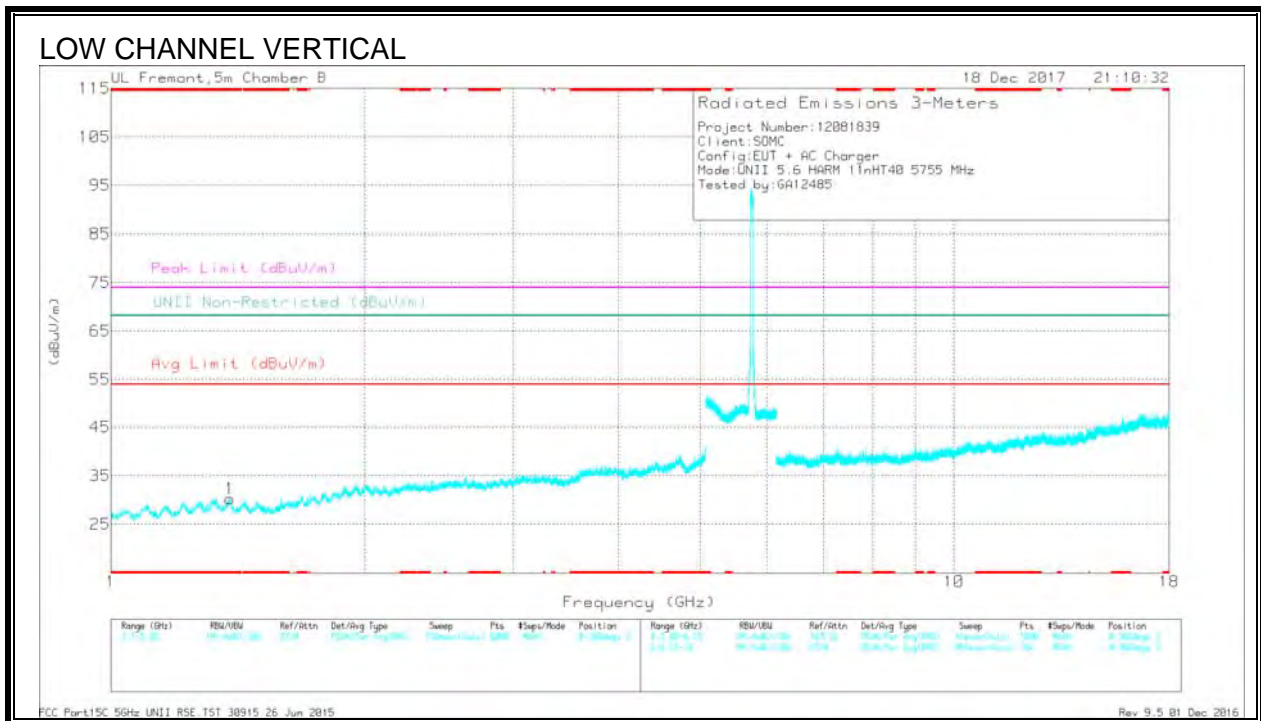
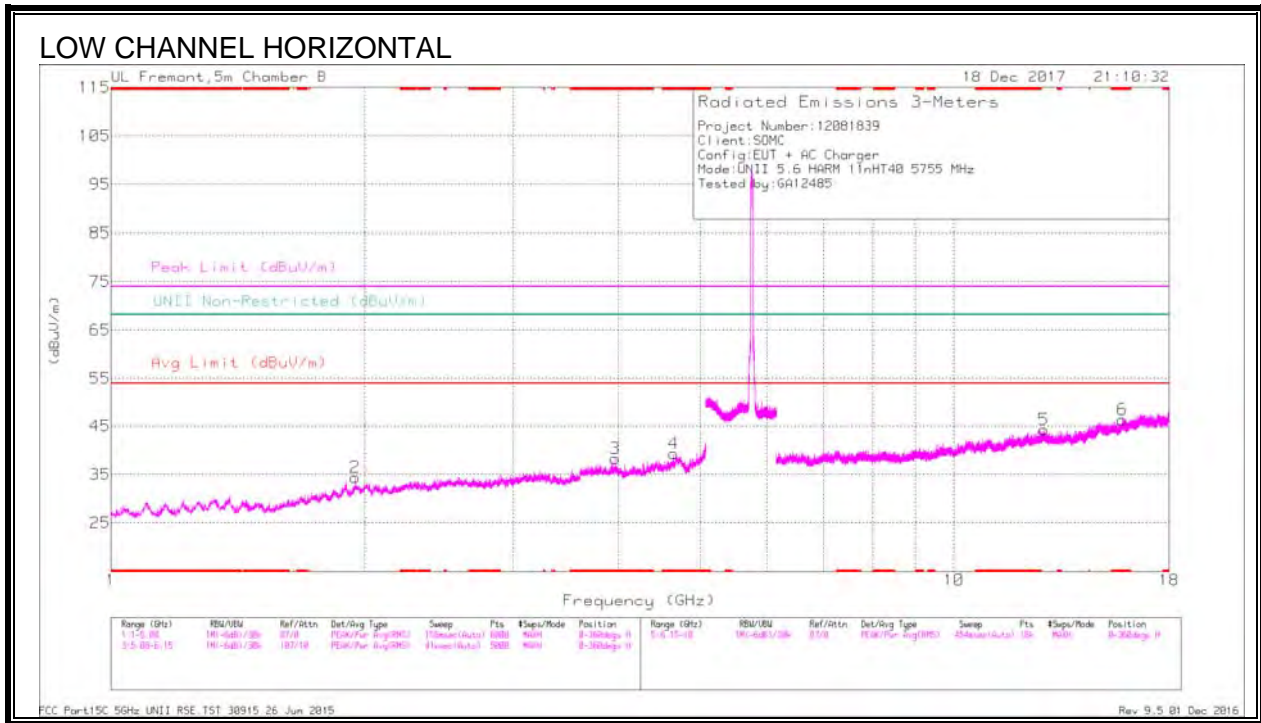


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (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
1	5.85	-66.45	Pk	35.4	-23.3	11.8	0	-42.55	26.99	-69.54	191	105	V
2	5.953	-64.19	Pk	35.5	-23.1	11.8	0	-39.99	-27	-12.99	191	105	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



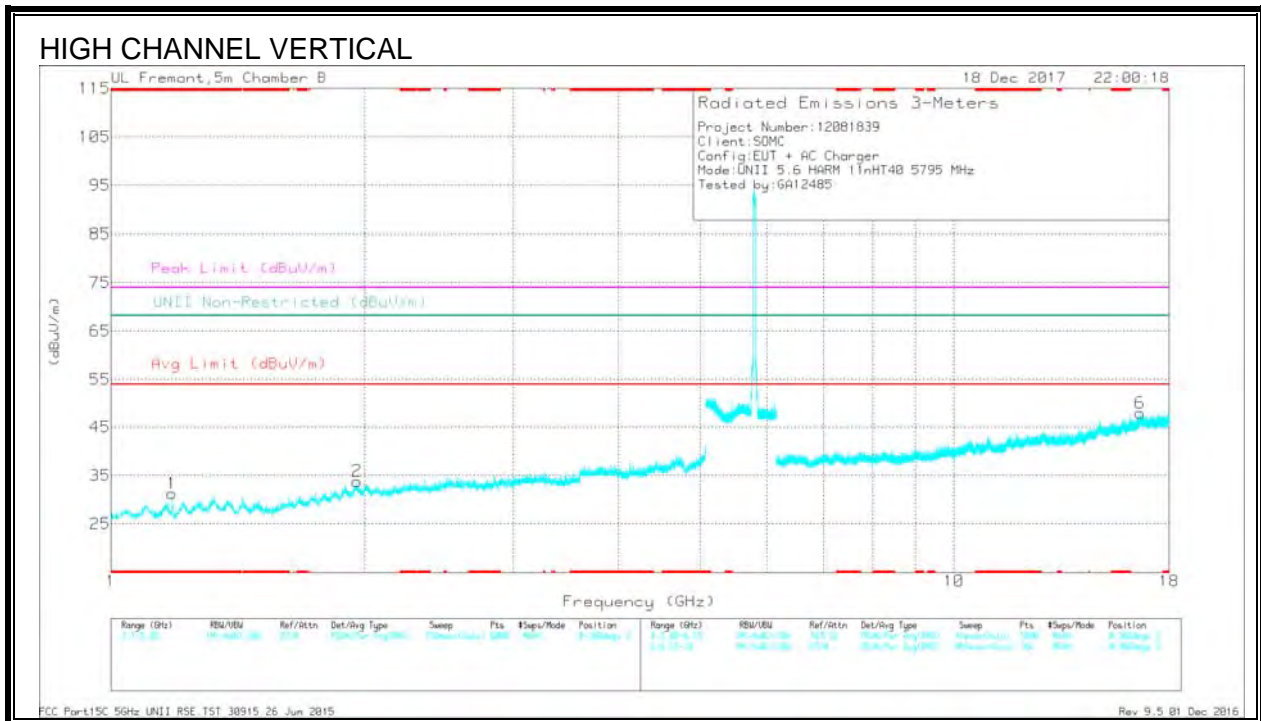
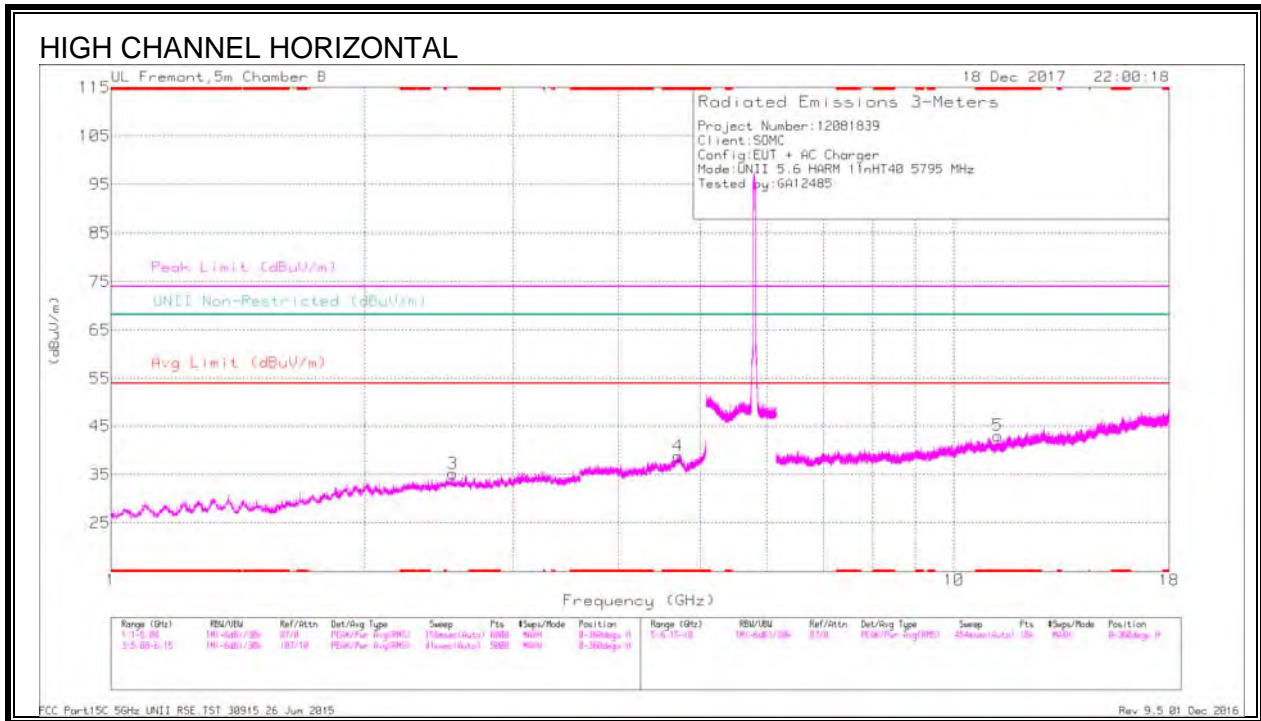
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.964	40.21	PK-U	33.5	-30.5	0	43.21	-	-	74	-30.79	-	-	350	110	H
	* 3.965	28.58	ADR	33.5	-30.5	.41	31.99	54	-22.01	-	-	-	-	350	110	H
4	* 4.649	39.64	PK-U	34.3	-29.4	0	44.54	-	-	74	-29.46	-	-	350	110	H
	* 4.652	28.25	ADR	34.3	-29.4	.41	33.56	54	-20.44	-	-	-	-	350	110	H
1	* 1.383	42.08	PK-U	28.4	-33.7	0	36.78	-	-	74	-37.22	-	-	287	138	V
	* 1.381	30.05	ADR	28.4	-33.7	.41	25.16	54	-28.84	-	-	-	-	287	138	V
6	* 15.845	32.55	PK-U	41	-21.2	0	52.35	-	-	74	-21.65	-	-	0	128	H
	* 15.844	21.05	ADR	41	-21.2	.41	41.26	54	-12.74	-	-	-	-	0	128	H
2	1.947	40.87	PK-U	31.1	-32.6	0	39.37	-	-	-	-	68.2	-28.83	115	314	H
5	12.788	33.72	PK-U	39.4	-23.6	0	49.52	-	-	-	-	68.2	-18.68	80	263	H

* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



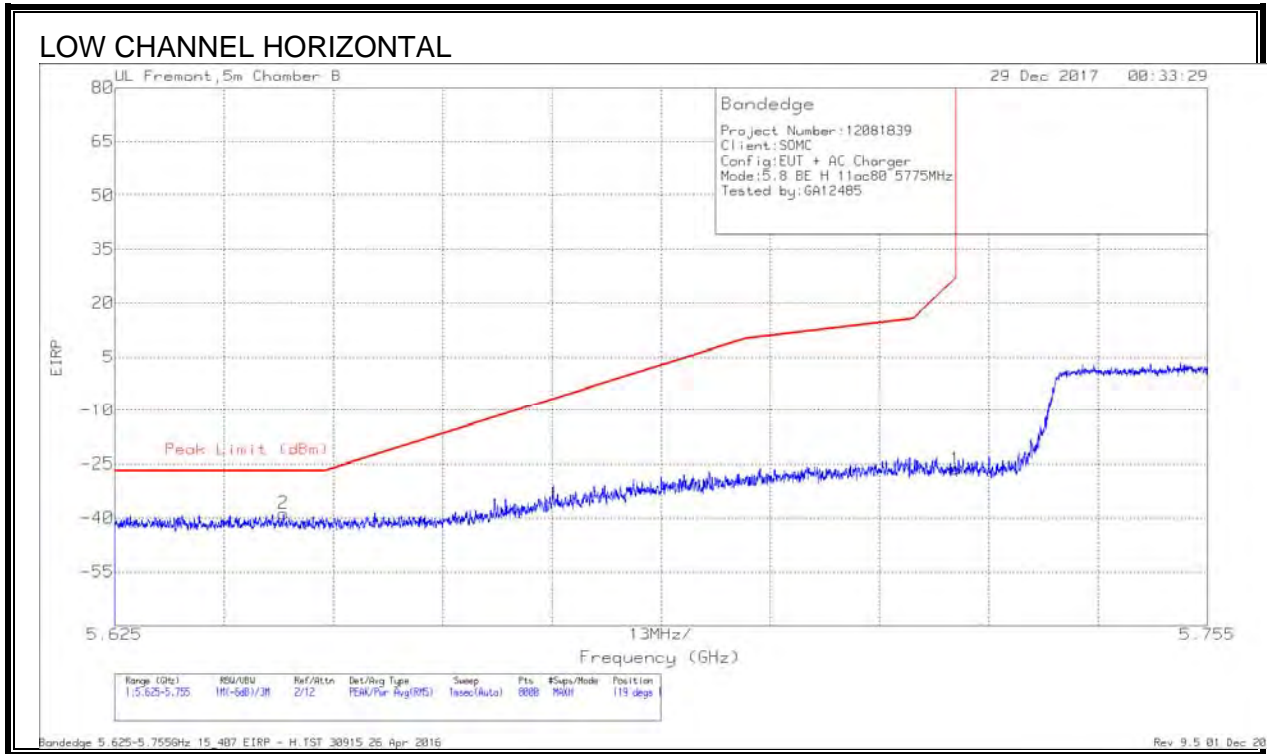
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.711	40.78	PK-U	34.2	-30.2	0	44.78	-	-	74	-29.22	-	-	27	173	H
	* 4.71	29.03	ADR	34.2	-30.3	.41	33.34	54	-20.66	-	-	-	-	27	173	H
1	* 1.183	40.95	PK-U	27.8	-34.4	0	34.35	-	-	74	-39.65	-	-	239	283	V
	* 1.18	29.04	ADR	27.8	-34.4	.41	22.85	54	-31.15	-	-	-	-	239	283	V
5	* 11.272	33.8	PK-U	37.8	-24.3	0	47.3	-	-	74	-26.7	-	-	16	292	H
	* 11.273	22.54	ADR	37.8	-24.3	.41	36.45	54	-17.55	-	-	-	-	16	292	H
2	1.957	41.34	PK-U	31.1	-32.5	0	39.94	-	-	-	-	68.2	-28.26	58	335	V
3	2.546	40.02	PK-U	32.5	-32.3	0	40.22	-	-	-	-	68.2	-27.98	266	214	H
6	16.618	33.25	PK-U	42.1	-22	0	53.35	-	-	-	-	68.2	-14.85	218	251	V

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

10.1.16. 11ac HT80 2TX CDD MIMO MODE IN THE 5.8GHz BAND

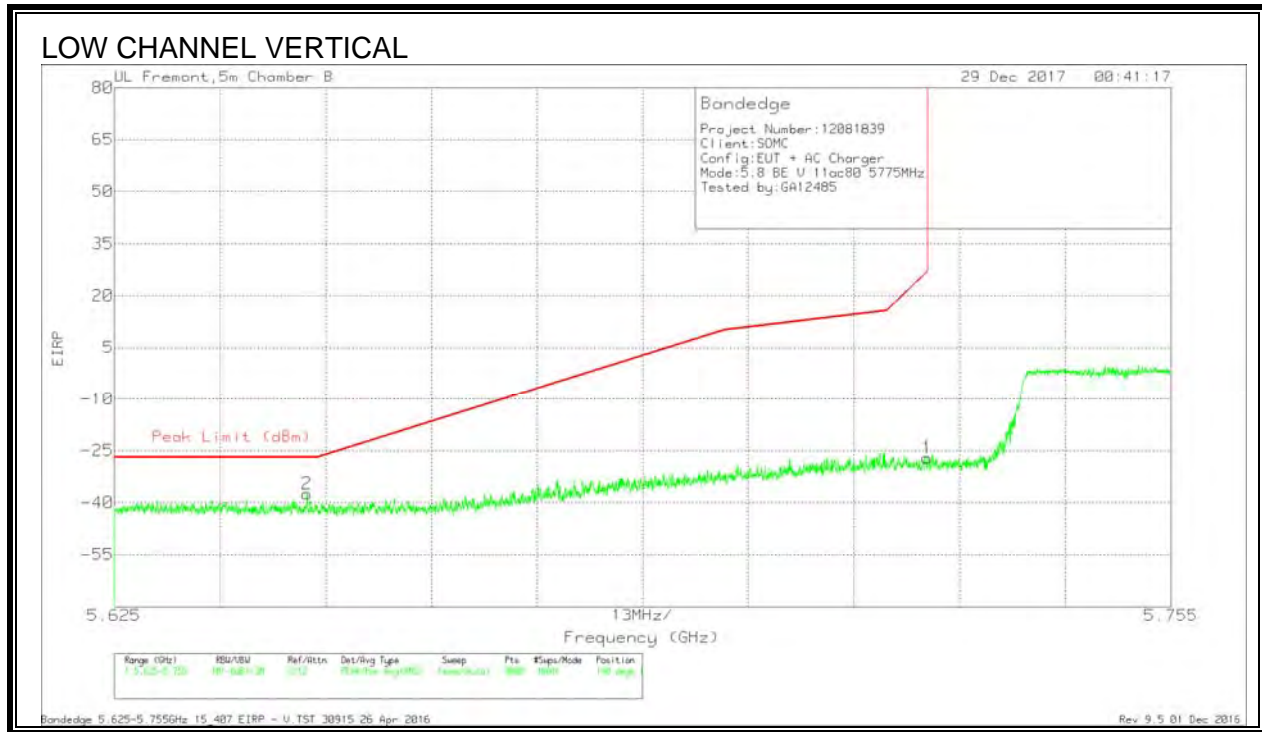
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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	5.645	-65.85	Pk	35.3	-20.1	11.8	0	-38.85	-27	-11.85	119	105	H
1	5.725	-53.05	Pk	35	-20.2	11.8	0	-26.45	27	-53.45	119	105	H

Pk - Peak detector

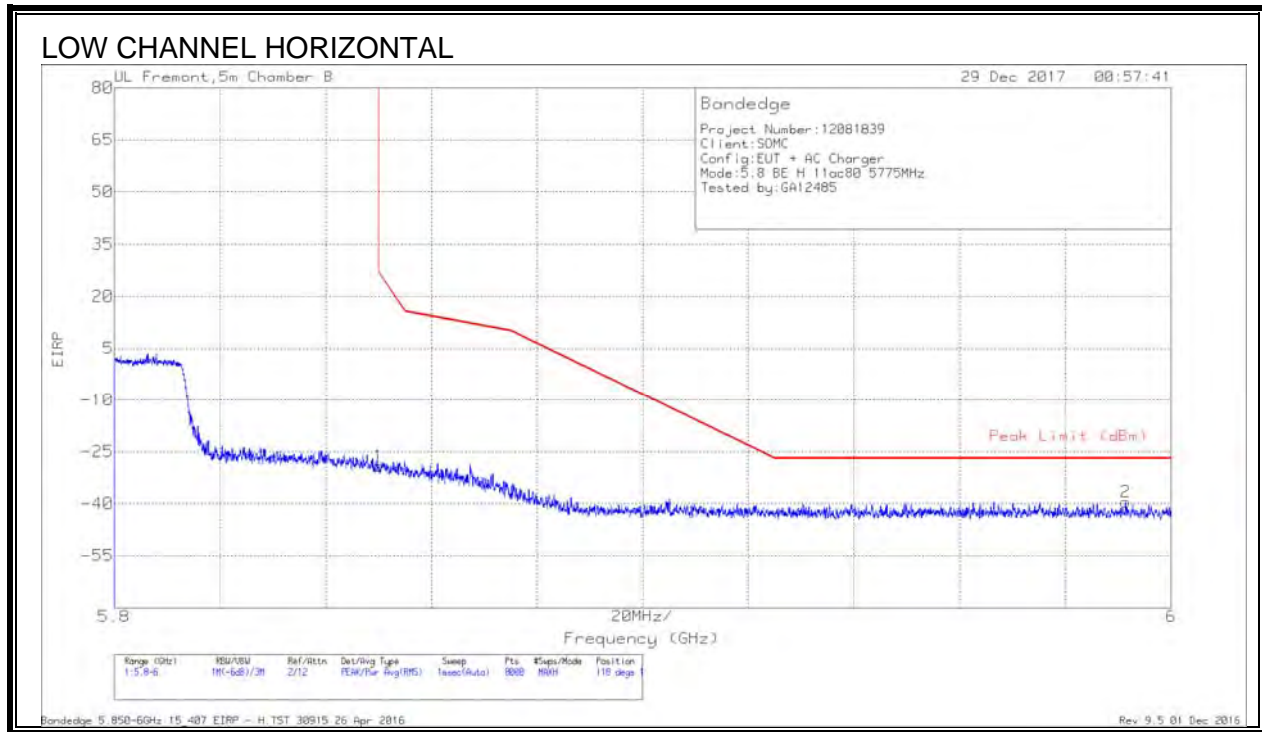


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-64.25	PK	35.2	-20.2	11.8	0	-37.45	-27	-10.45	140	111	V
1	5.725	-53.73	PK	35	-20.2	11.8	0	-27.13	27	-54.13	140	111	V

Pk - Peak detector

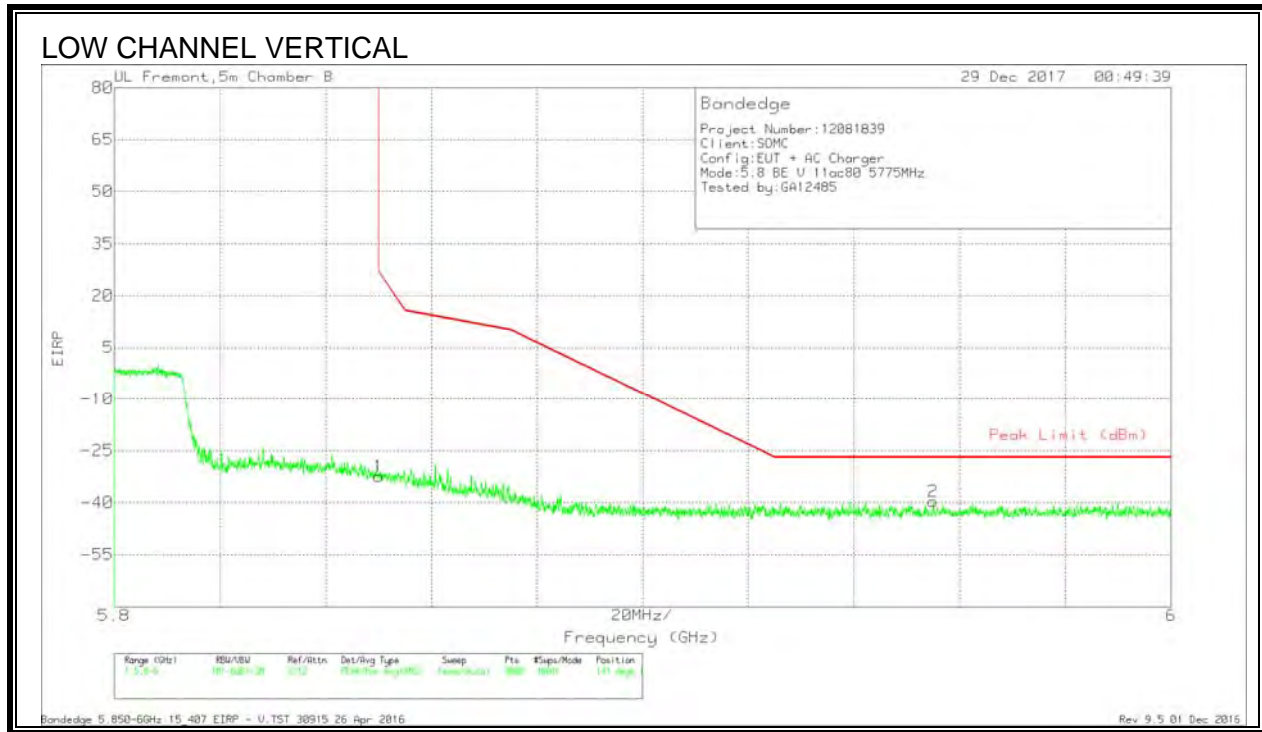
AUTHORIZED BANDEDGE (HIGH CHANNEL)



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
1	5.85	-55.96	PK	35.1	-20.1	11.8	0	-29.16	26.99	-56.15	118	104	H
2	5.991	-66.85	PK	35.3	-19.8	11.8	0	-39.55	-27	-12.55	118	104	H

Pk - Peak detector

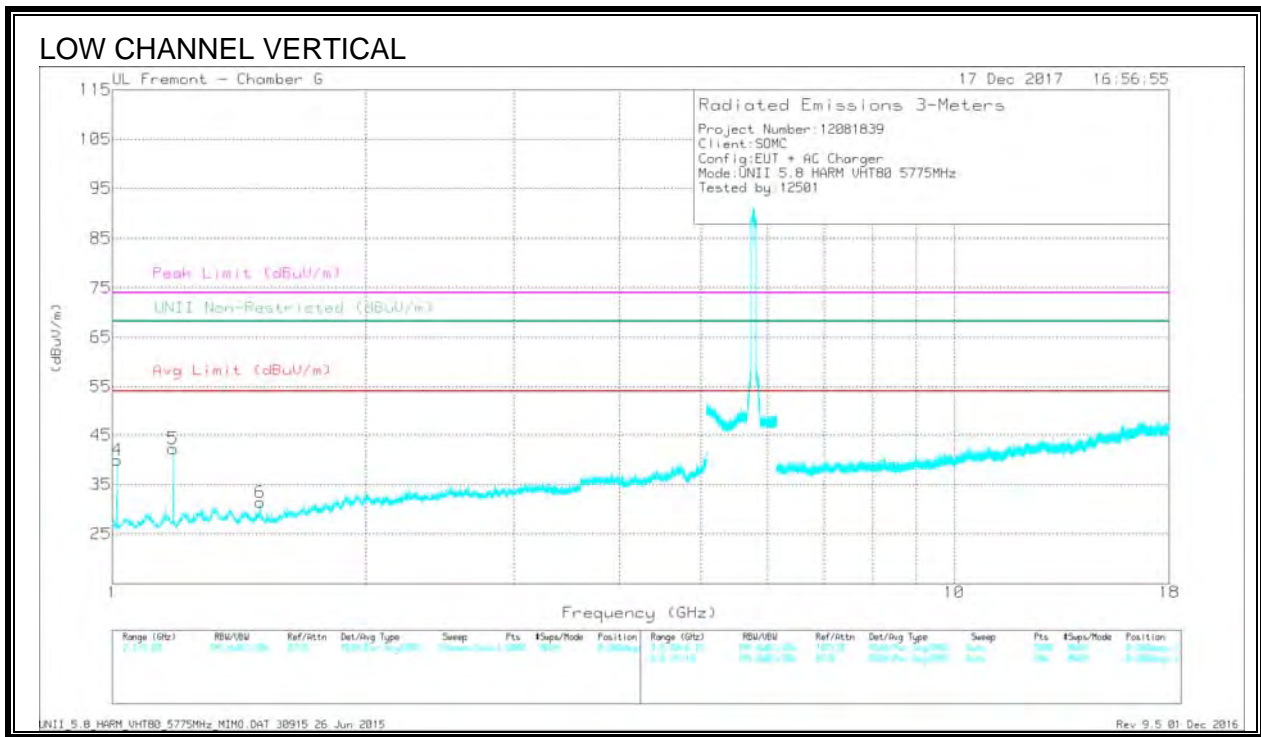
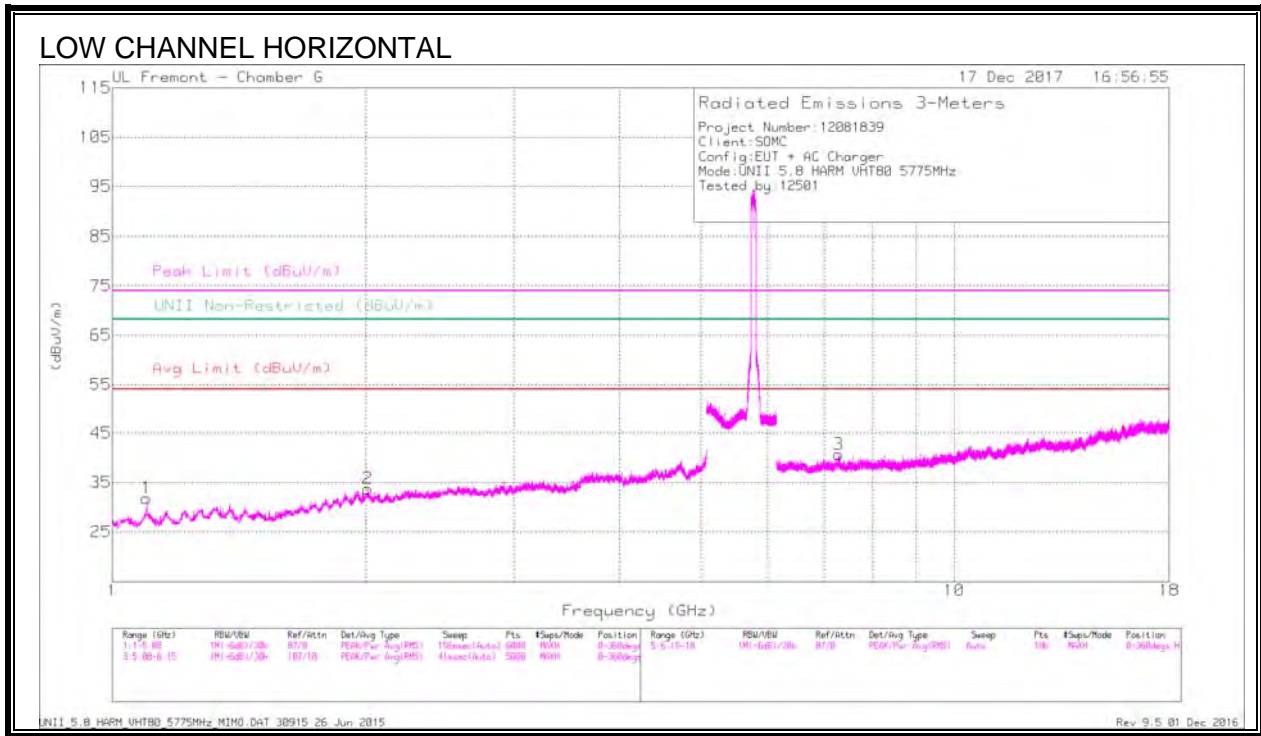


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/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	-59.22	PK	35.1	-20.1	11.8	0	-32.42	26.99	-59.41	141	105	V
2	5.955	-66.93	PK	35.2	-19.8	11.8	0	-39.73	-27	-12.73	141	105	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.096	42.52	PK-U	27.6	-34.3	0	35.82	-	-	74	-38.18	-	-	308	198	H
	* 1.1	30.48	ADR	27.7	-34.2	.72	24.7	54	-29.3	-	-	-	-	308	198	H
4	* 1.012	41.52	PK-U	27.4	-35.1	0	33.82	-	-	74	-40.18	-	-	322	247	V
	* 1.011	29.53	ADR	27.4	-35.1	.72	22.55	54	-31.45	-	-	-	-	322	247	V
5	* 1.182	41.03	PK-U	27.8	-34.4	0	34.43	-	-	74	-39.57	-	-	170	233	V
	* 1.178	29.35	ADR	27.8	-34.4	.72	23.47	54	-30.53	-	-	-	-	170	233	V
6	* 1.496	41.58	PK-U	28.2	-34.2	0	35.58	-	-	74	-38.42	-	-	66	355	V
	* 1.496	29.87	ADR	28.2	-34.2	.72	24.59	54	-29.41	-	-	-	-	66	355	V
3	* 7.291	37.33	PK-U	35.8	-27.3	0	45.83	-	-	74	-28.17	-	-	8	211	H
	* 7.292	25.9	ADR	35.8	-27.3	.72	35.12	54	-18.88	-	-	-	-	8	211	H
2	2.011	40.94	PK-U	31.3	-32.6	0	39.64	-	-	-	-	68.2	-28.56	13	231	H

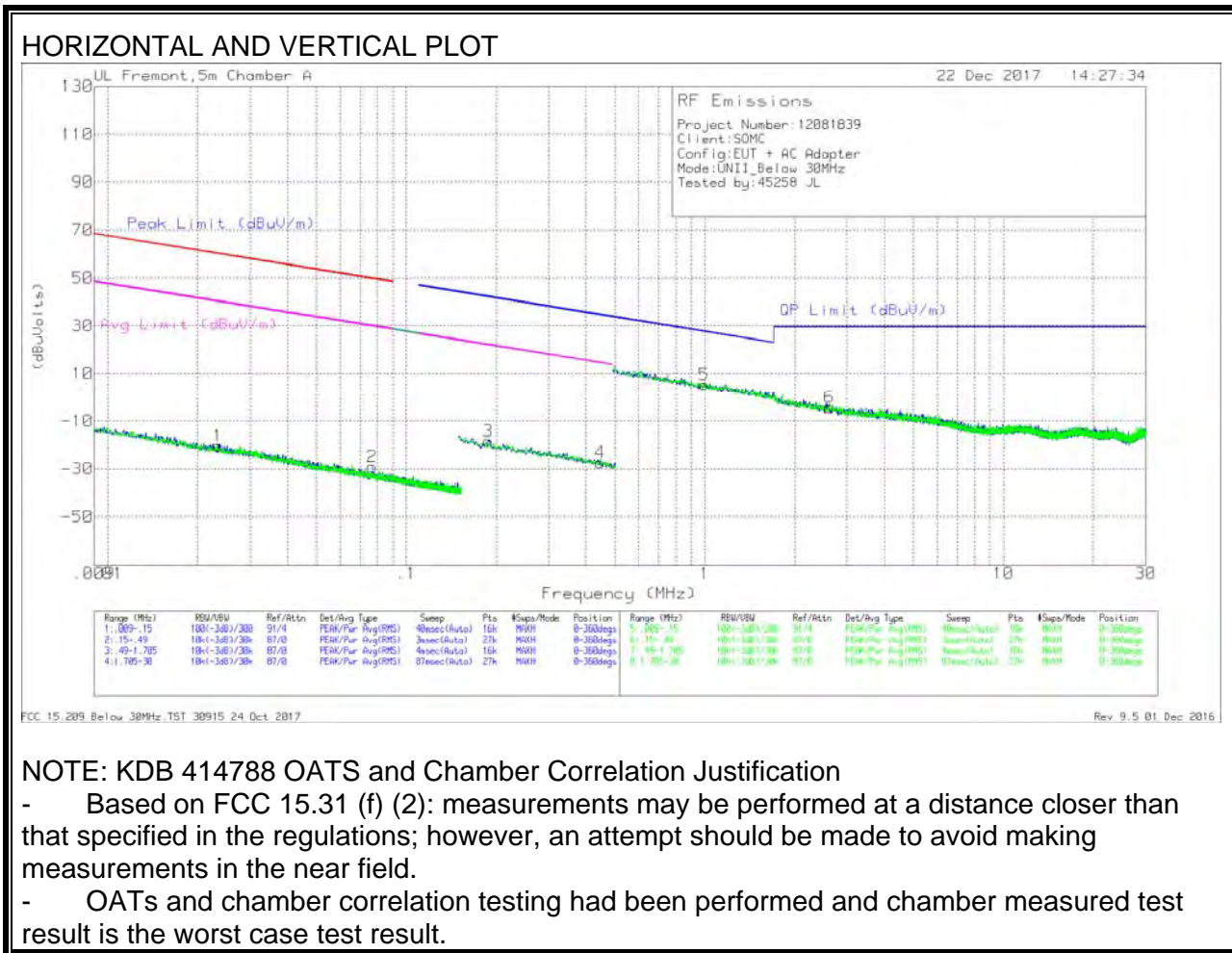
* - indicates frequency in CFR47 Pt 15 - Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2. WORST CASE BELOW 30 MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.02347	44.46	Pk	15	.1	-80	-20.44	60.17	-80.61	40.17	-60.61	-	-	-	-	0-360
2	.07692	36.56	Pk	14.2	.1	-80	-29.14	49.86	-79	29.86	-59	-	-	-	-	0-360
3	.18805	47.47	Pk	13.9	.1	-80	-18.53	-	-	-	-	42.13	-60.66	22.13	-40.66	0-360
4	.44626	38.59	Pk	13.9	.1	-80	-27.41	-	-	-	-	34.61	-62.02	14.61	-42.02	0-360

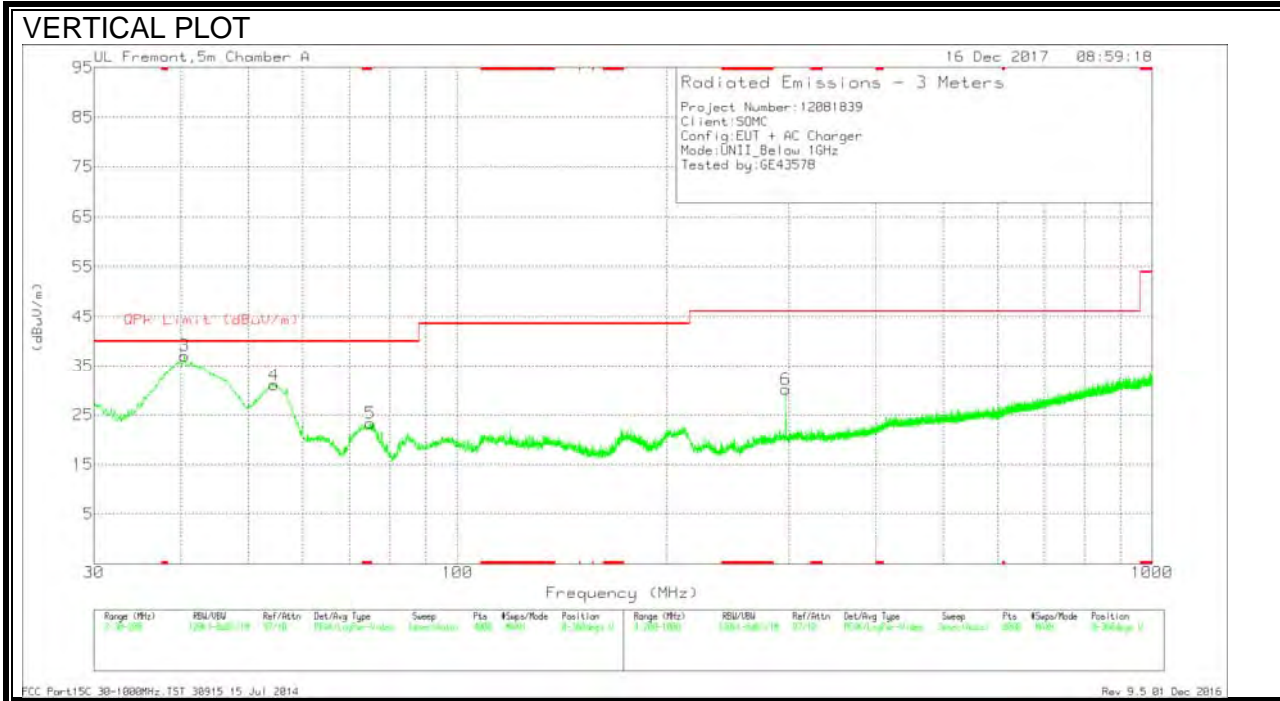
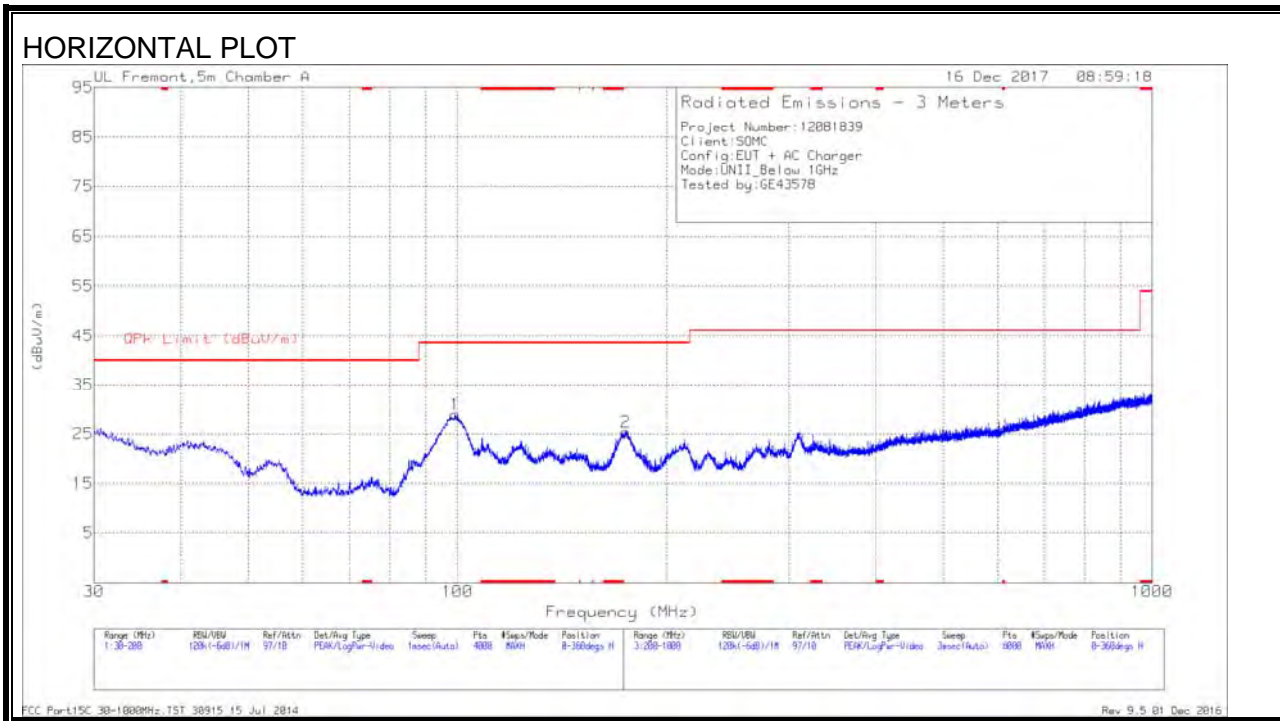
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
5	.99544	30.91	Pk	14.3	.2	-40	5.41	-22.25	-	-	-	-	0-360
6	2.61571	20.99	Pk	14.4	.3	-40	-4.31	-33.81	-	-	-	-	0-360

Pk - Peak detector

10.3. WORST-CASE BELOW 1 GHz

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



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T130 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 74.9341	38.15	Pk	11.9	-26.7	23.35	40	-16.65	0-360	100	V
3	40.42	41.22	Qp	17.7	-27.1	31.82	40	-8.18	317	121	V
4	54.4438	46.84	Pk	11.1	-26.9	31.04	40	-8.96	0-360	100	V
1	99.2504	41.26	Pk	14	-26.4	28.86	43.52	-14.66	0-360	300	H
2	174.7074	35.44	Pk	15.5	-25.6	25.34	43.52	-18.18	0-360	200	H
6	297.0126	37.49	Pk	17.3	-24.6	30.19	46.02	-15.83	0-360	200	V

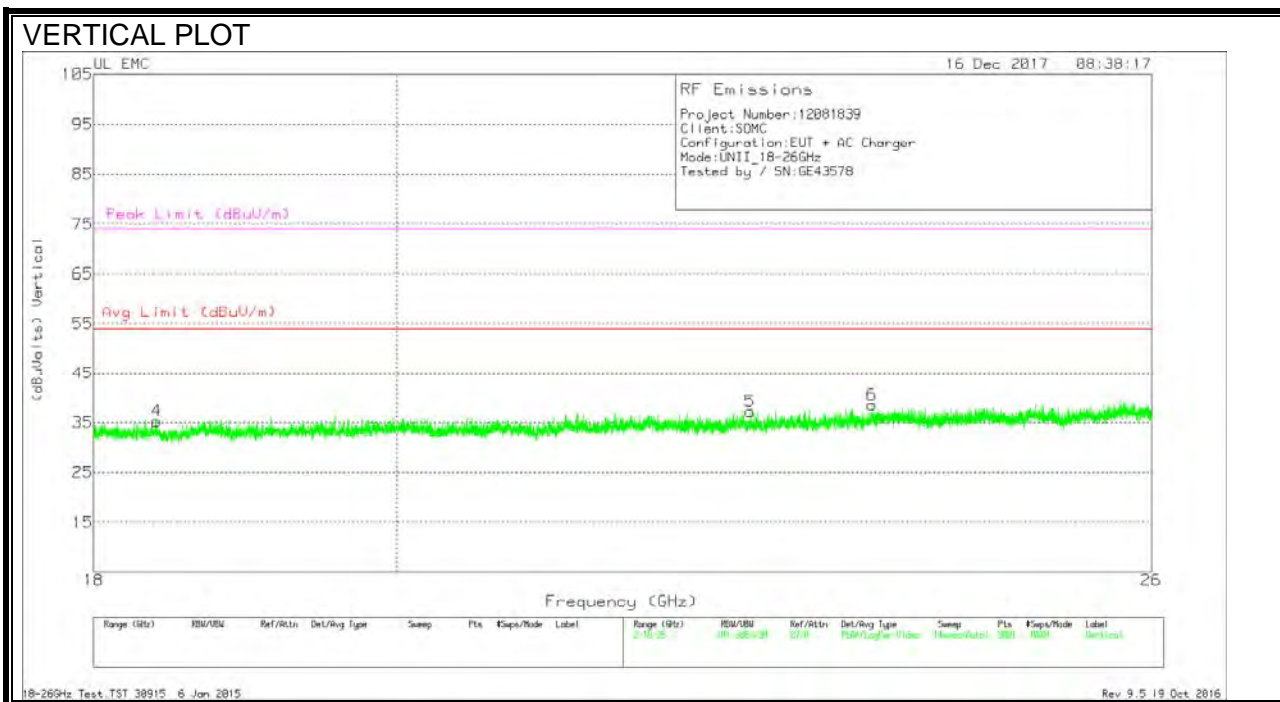
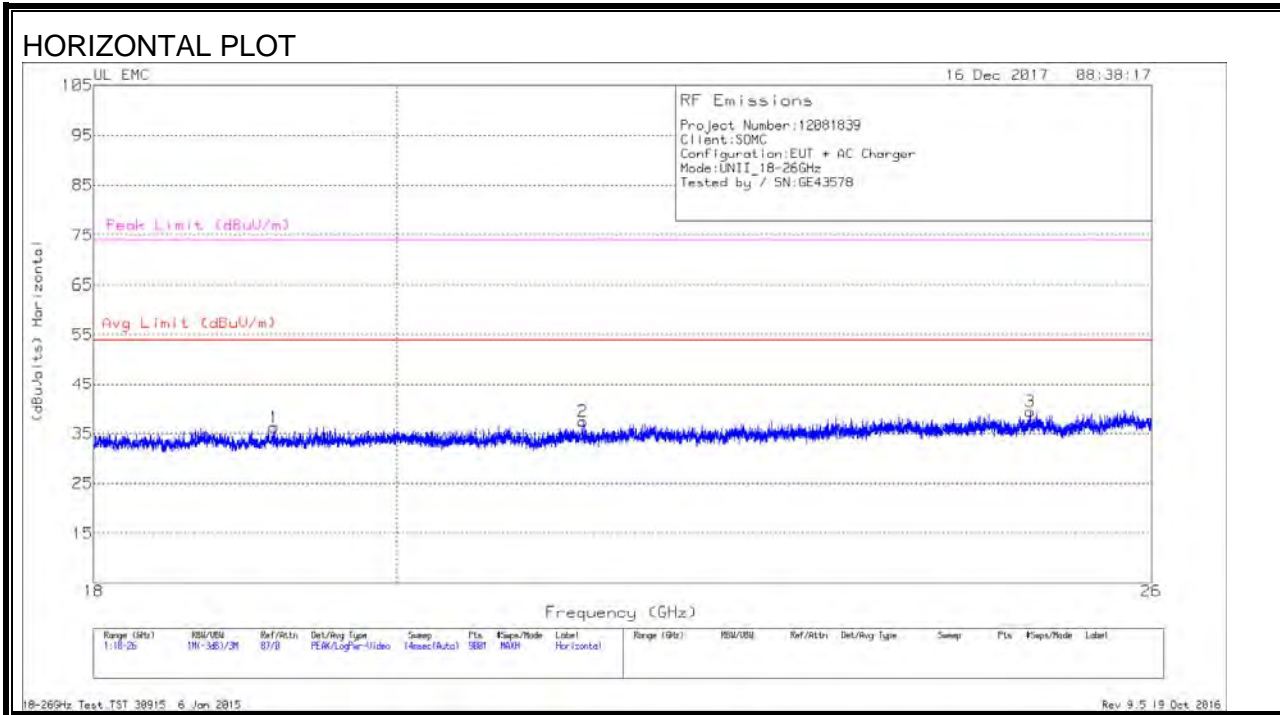
* - indicates frequency in CFR47 Pt 15 - Restricted Band

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST-CASE 18 to 26 GHz

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



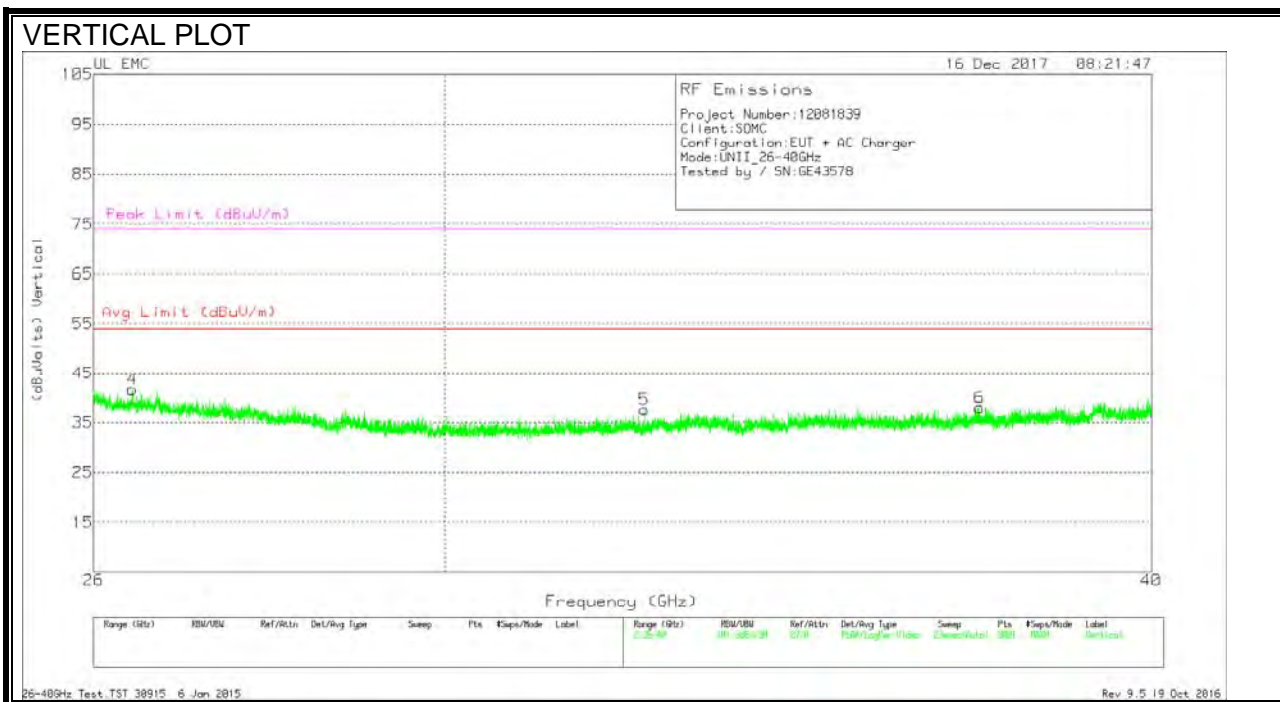
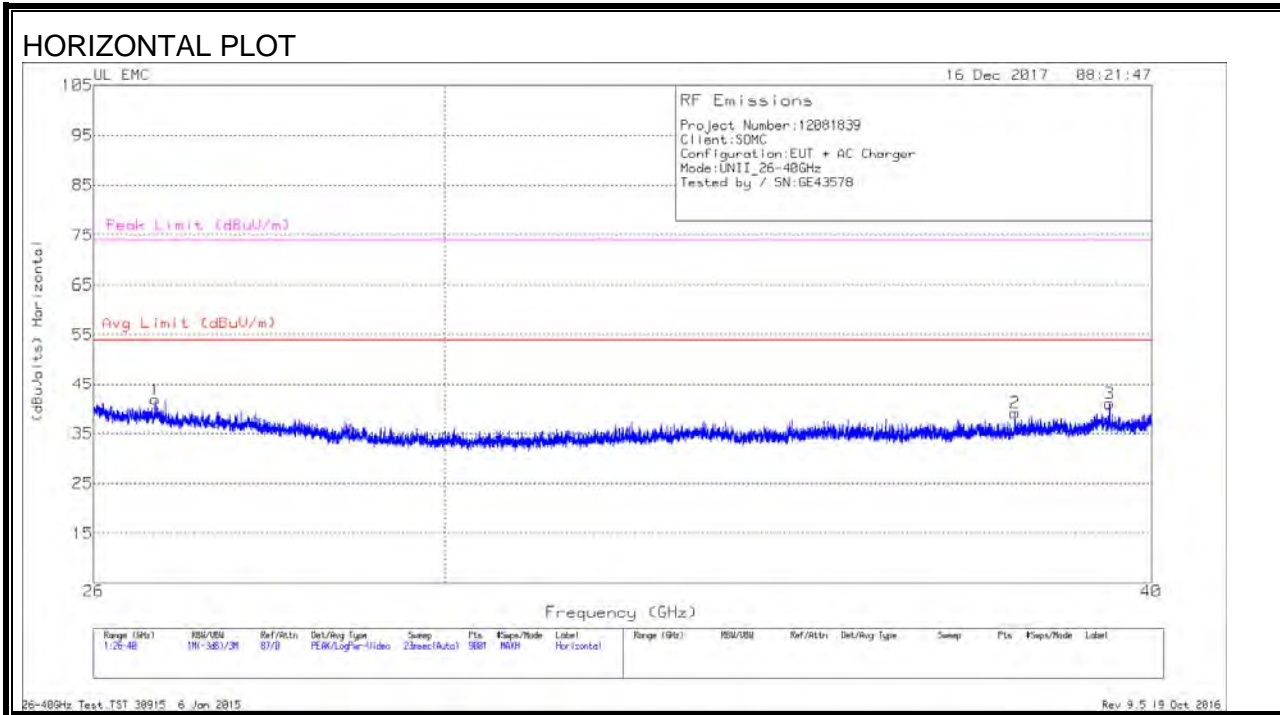
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.166	38.18	Pk	32.3	-24.7	-9.5	36.28	54	-17.72	74	-37.72
2	21.337	39.15	Pk	33.1	-25.3	-9.5	37.45	54	-16.55	74	-36.55
3	24.928	39.13	Pk	34.1	-24.3	-9.5	39.43	54	-14.57	74	-34.57
4	18.398	37.66	Pk	32.4	-25.3	-9.5	35.26	54	-18.74	74	-38.74
5	22.618	38.43	Pk	33.3	-25	-9.5	37.23	54	-16.77	74	-36.77
6	23.595	38.76	Pk	33.4	-24.1	-9.5	38.56	54	-15.44	74	-35.44

Pk - Peak detector

10.5. WORST-CASE 26 to 40 GHz

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



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	26.661	46.52	Pk	35.3	-30.5	-9.5	41.82	54	-12.18	74	-32.18
2	37.839	43.99	Pk	37.1	-32.4	-9.5	39.19	54	-14.81	74	-34.81
3	39.325	44.33	Pk	38.2	-32	-9.5	41.03	54	-12.97	74	-32.97
4	26.412	46.14	Pk	35.5	-30.5	-9.5	41.64	54	-12.36	74	-32.36
5	32.538	43.71	Pk	36.2	-32.8	-9.5	37.61	54	-16.39	74	-36.39
6	37.301	43.08	Pk	37.3	-32.9	-9.5	37.98	54	-16.02	74	-36.02

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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

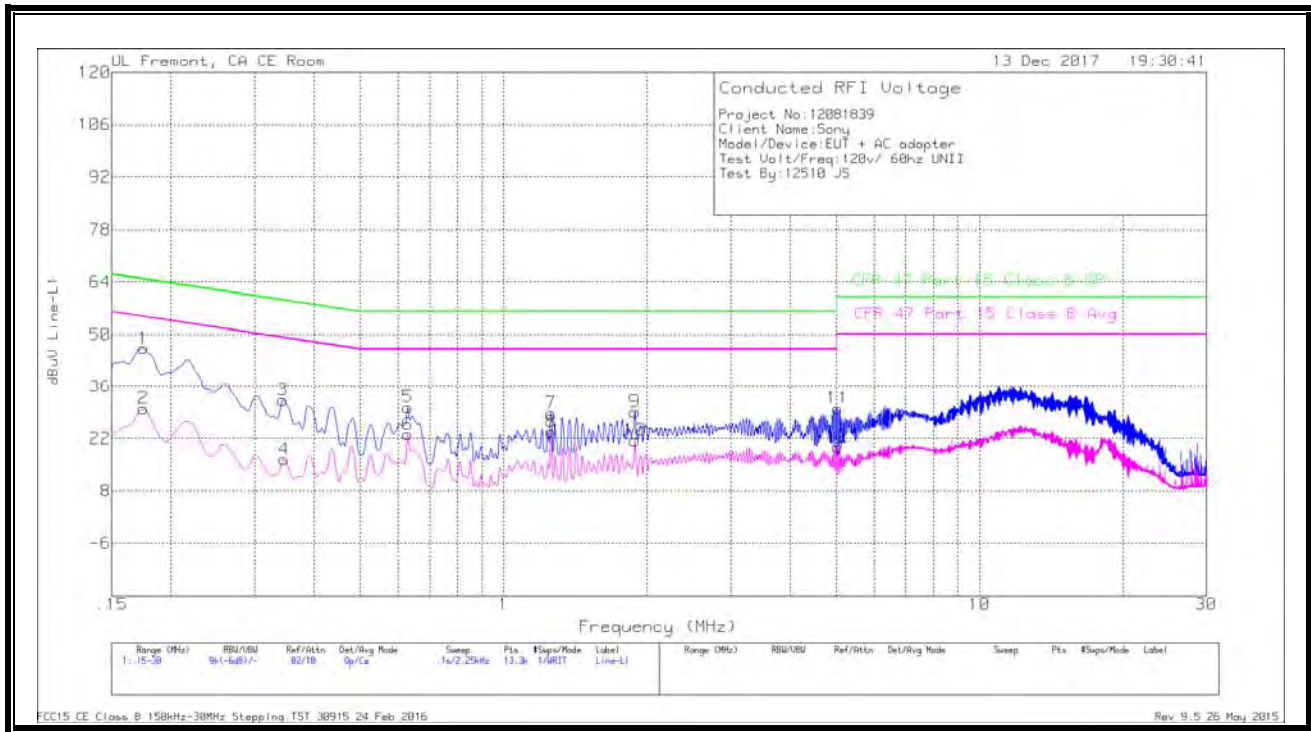
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

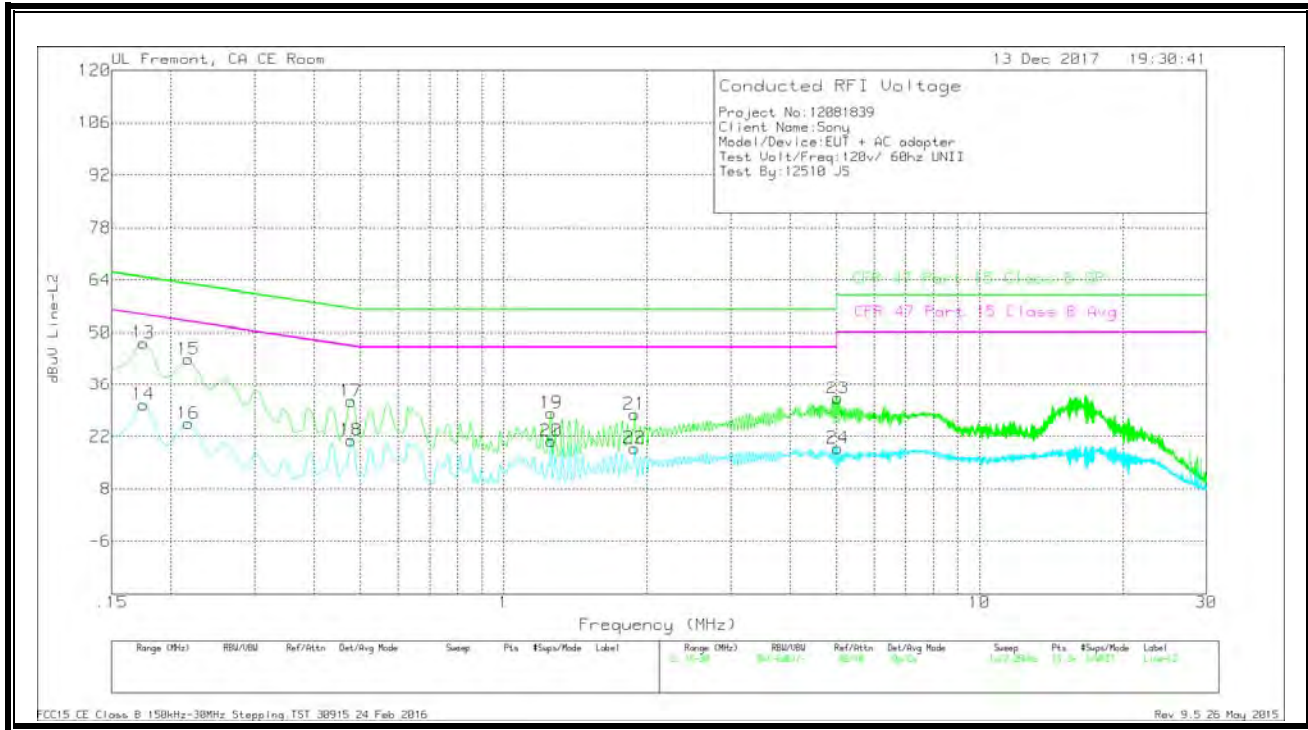
Trace Markers

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	.17475	36.3	Qp	0	0	10.1	46.4	64.73	-18.33	-	-
2	.17475	19.84	Ca	0	0	10.1	29.94	-	-	54.73	-24.79
3	.3435	22.25	Qp	0	0	10.1	32.35	59.12	-26.77	-	-
4	.34575	6.36	Ca	0	0	10.1	16.46	-	-	49.06	-32.6
5	.62925	20.22	Qp	0	0	10.1	30.32	56	-25.68	-	-
6	.62925	12.98	Ca	0	0	10.1	23.08	-	-	46	-22.92
7	1.257	18.59	Qp	0	.1	10.1	28.79	56	-27.21	-	-
8	1.257	13.52	Ca	0	.1	10.1	23.72	-	-	46	-22.28
9	1.887	18.91	Qp	0	.1	10.1	29.11	56	-26.89	-	-
10	1.887	11.26	Ca	0	.1	10.1	21.46	-	-	46	-24.54
11	5.04375	19.76	Qp	0	.1	10.2	30.06	60	-29.94	-	-
12	5.0415	9.39	Ca	0	.1	10.2	19.69	-	-	50	-30.31

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	.17475	37.18	Qp	0	0	10.1	47.28	64.73	-17.45	-	-
14	.17475	20.41	Ca	0	0	10.1	30.51	-	-	54.73	-24.22
15	.2175	32.82	Qp	0	0	10.1	42.92	62.91	-19.99	-	-
16	.2175	15.42	Ca	0	0	10.1	25.52	-	-	52.91	-27.39
17	.4785	21.29	Qp	0	0	10.1	31.39	56.37	-24.98	-	-
18	.4785	10.85	Ca	0	0	10.1	20.95	-	-	46.37	-25.42
19	1.25925	18.14	Qp	0	.1	10.1	28.34	56	-27.66	-	-
20	1.25925	10.66	Ca	0	.1	10.1	20.86	-	-	46	-25.14
21	1.88475	17.72	Qp	0	.1	10.1	27.92	56	-28.08	-	-
22	1.88475	8.63	Ca	0	.1	10.1	18.83	-	-	46	-27.17
23	5.0415	21.92	Qp	0	.1	10.2	32.22	60	-27.78	-	-
24	5.0415	8.57	Ca	0	.1	10.2	18.87	-	-	50	-31.13

Qp - Quasi-Peak detector

Ca - CISPR average detection