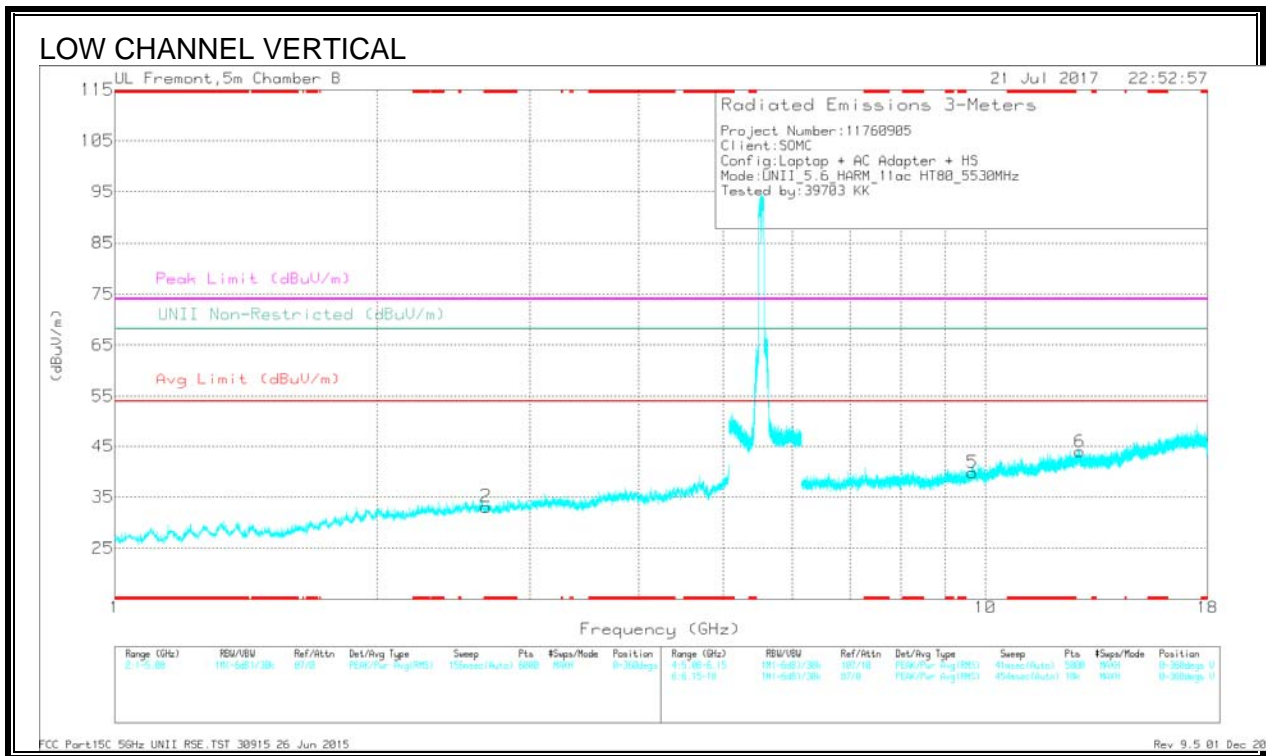
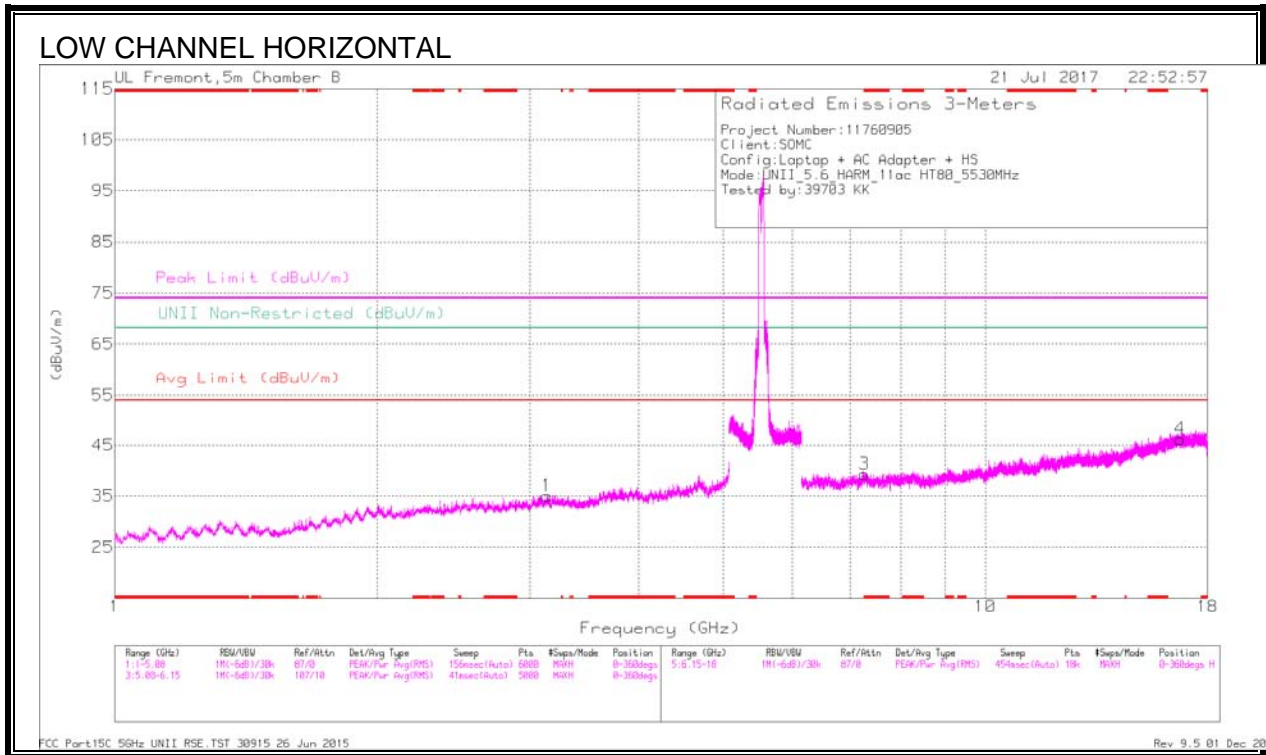


Trace Markers

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 TBS3 (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)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Daps)	Height (m)	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

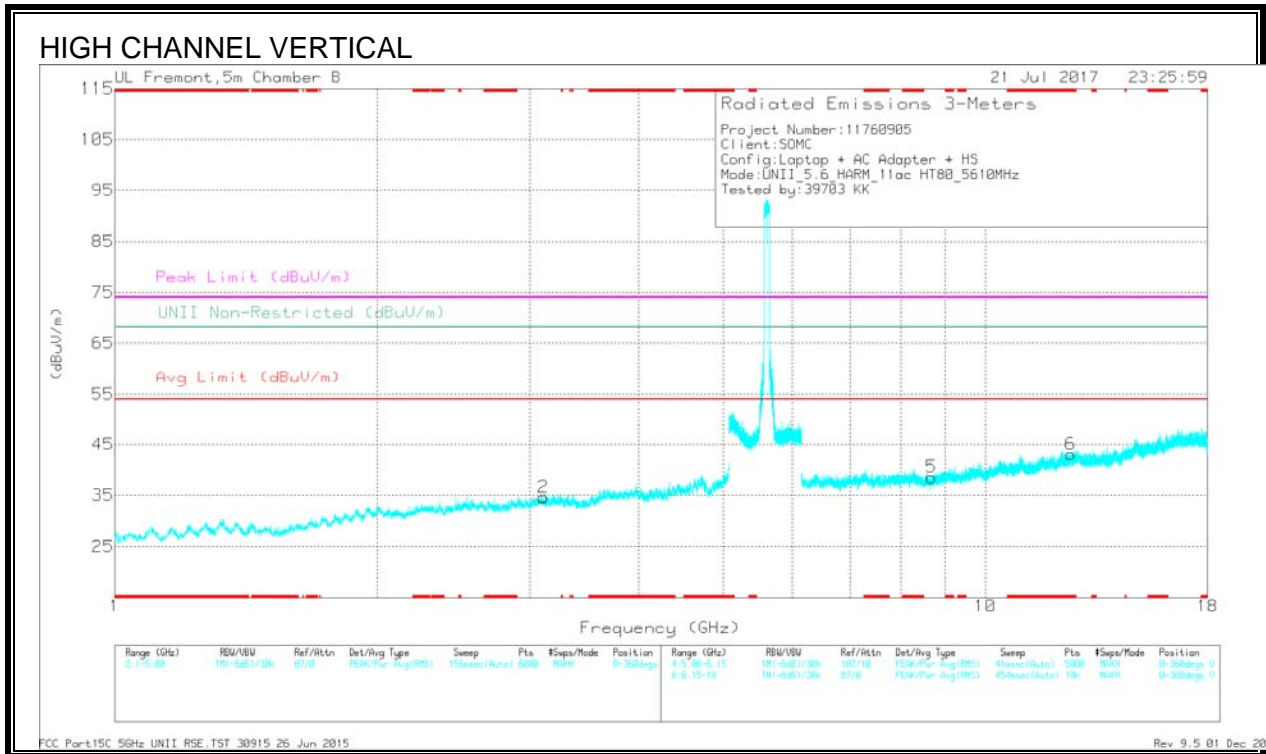
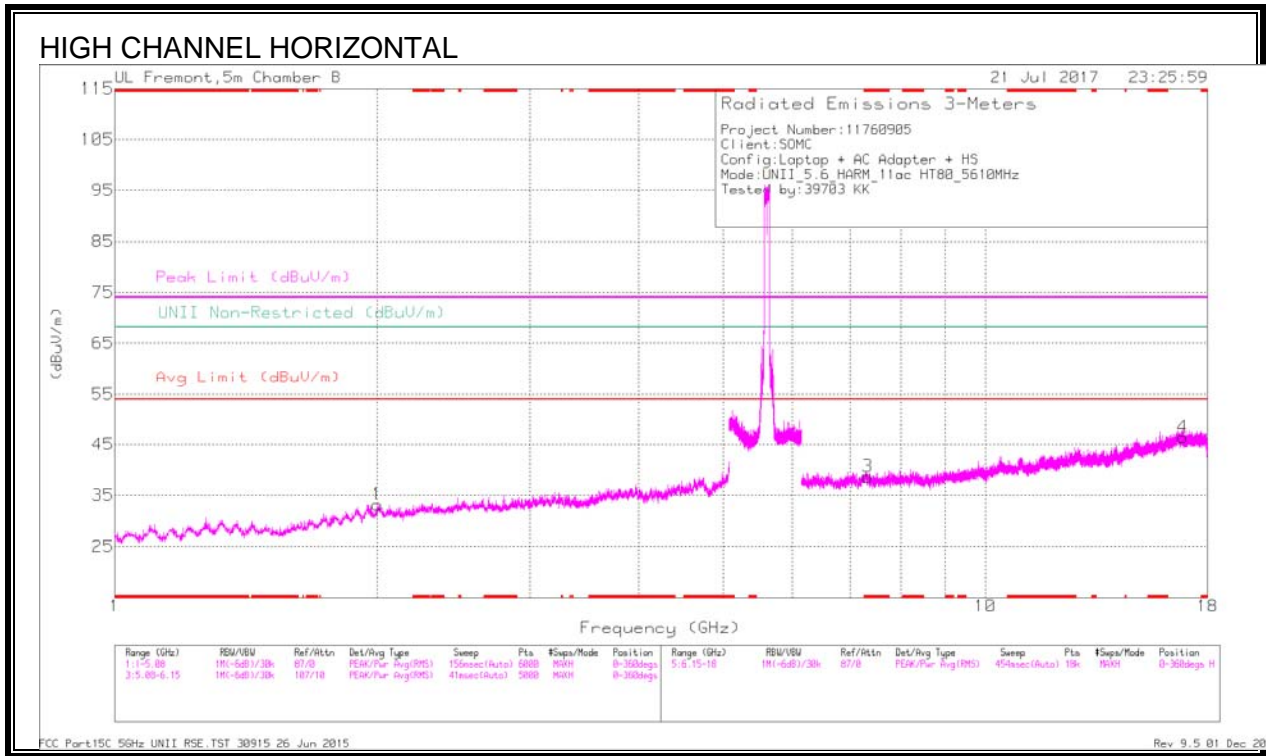
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBS3 (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)	U-NII Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Daps)	Height (m)	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 TMR3 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	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 TMR3 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (m)	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

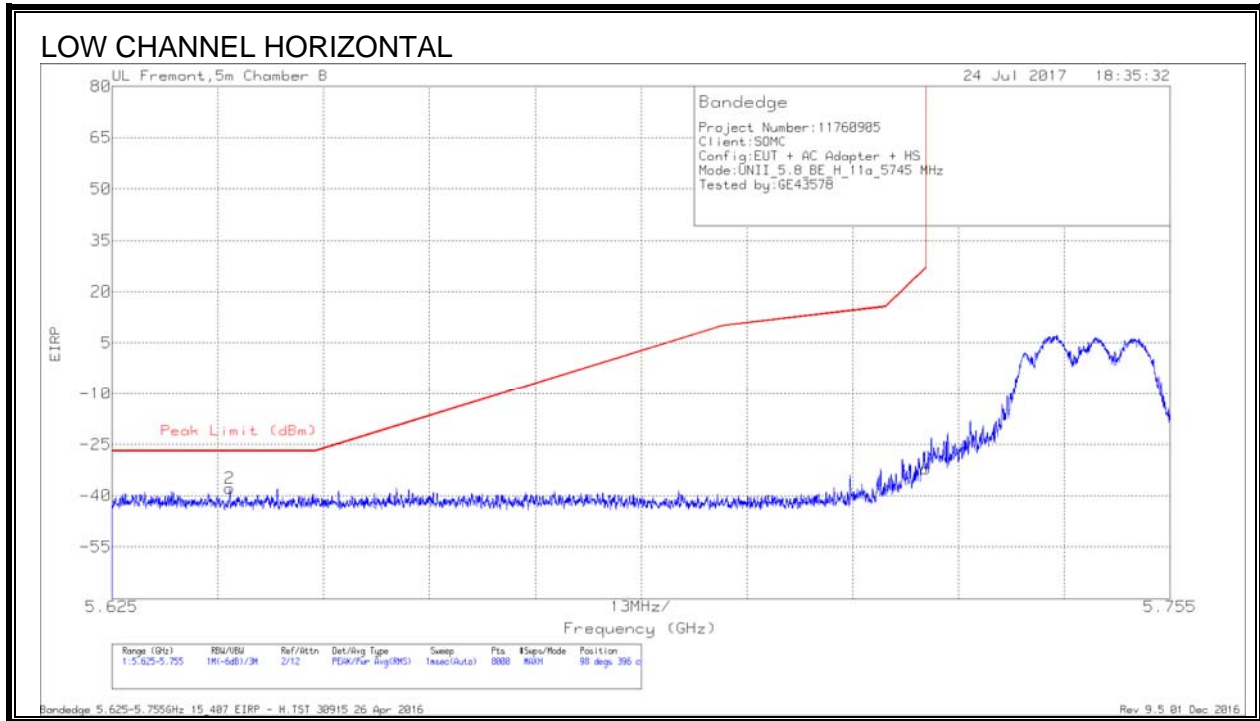
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

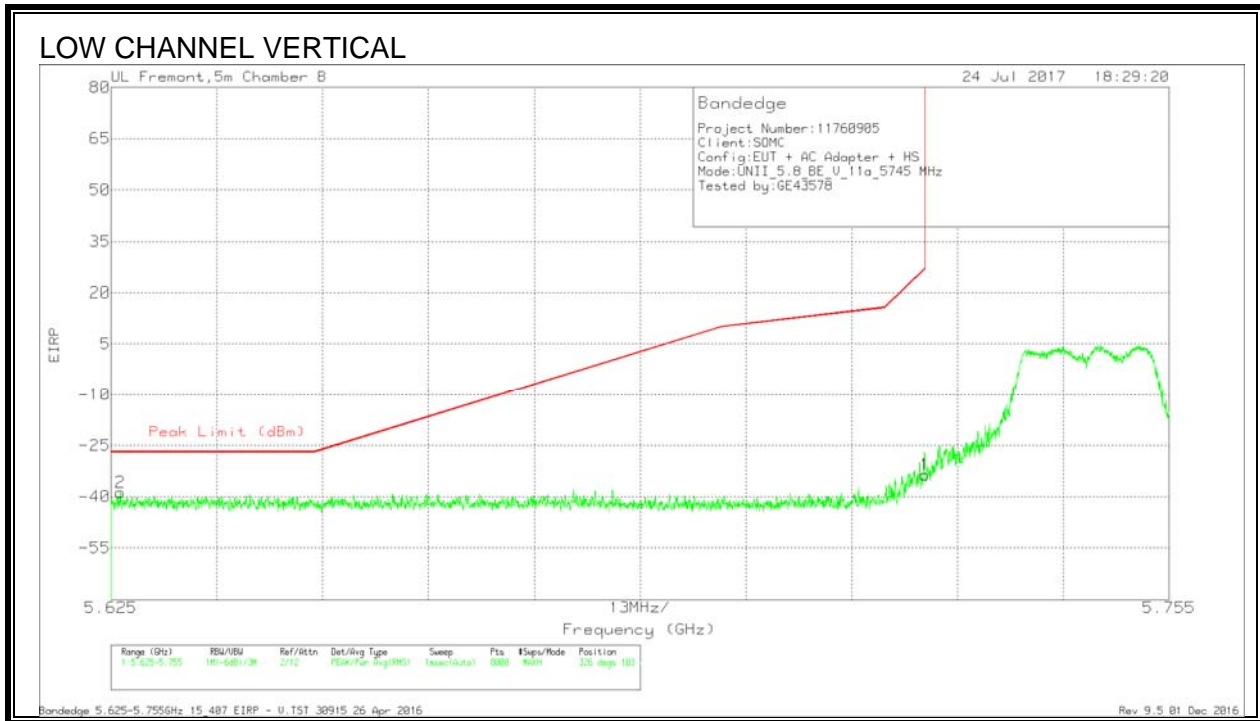
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Fitr/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

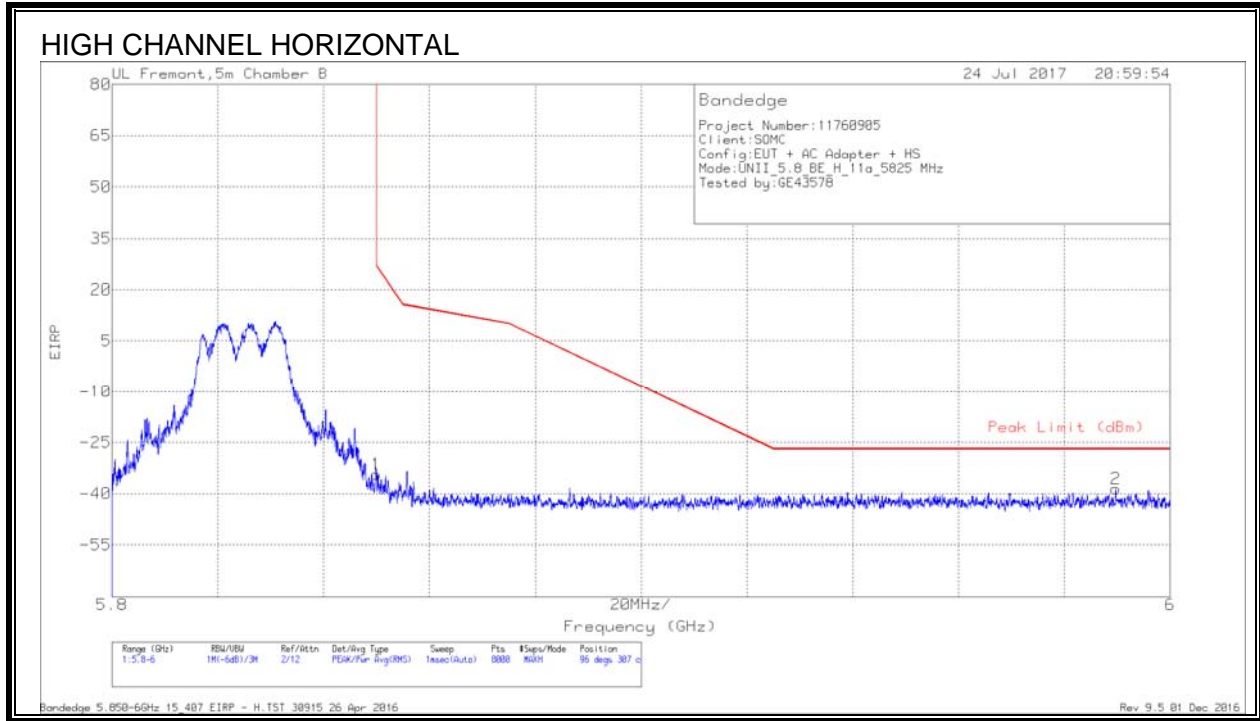


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dbm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Parad (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

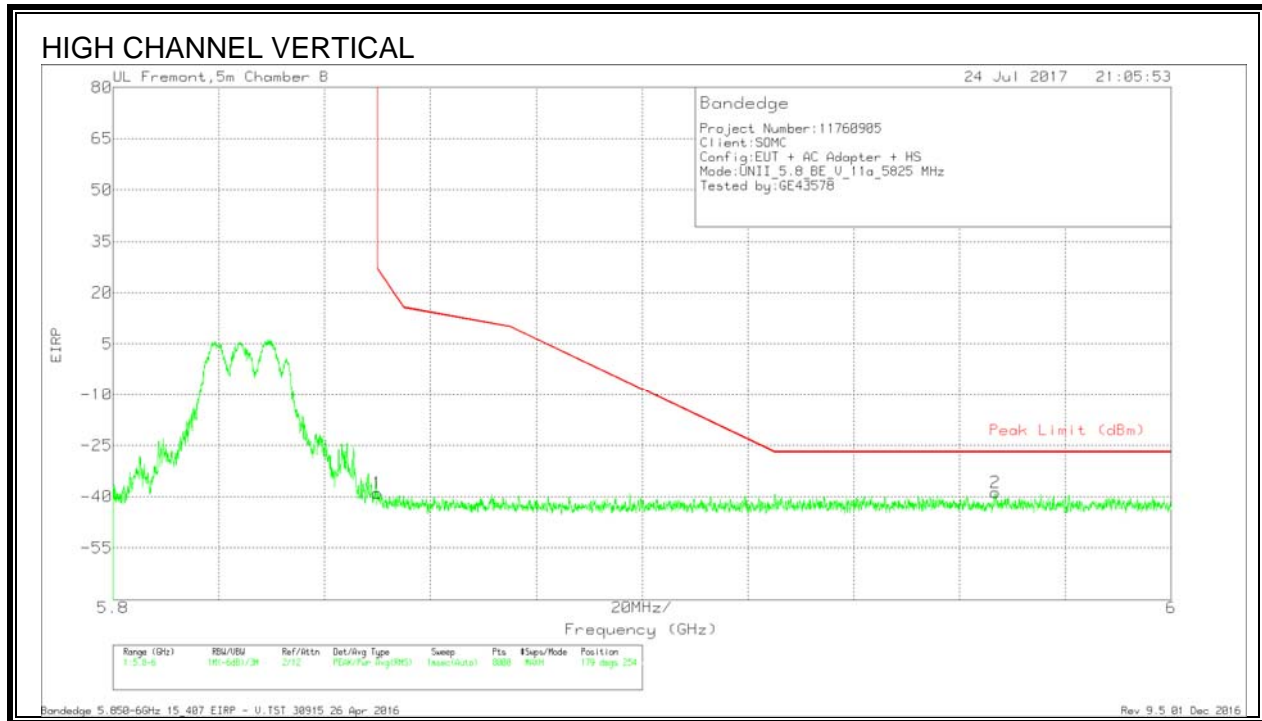
AUTHORIZED BANDEDGE (HIGH CHANNEL)



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

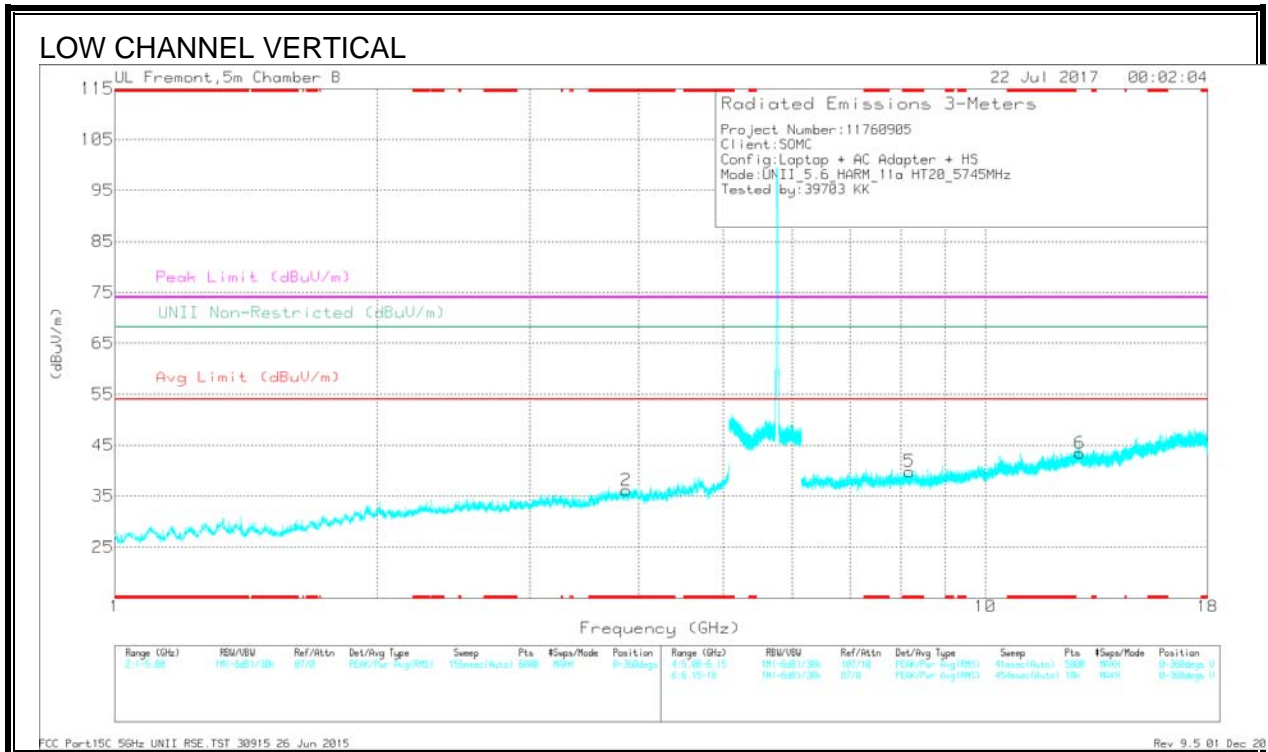
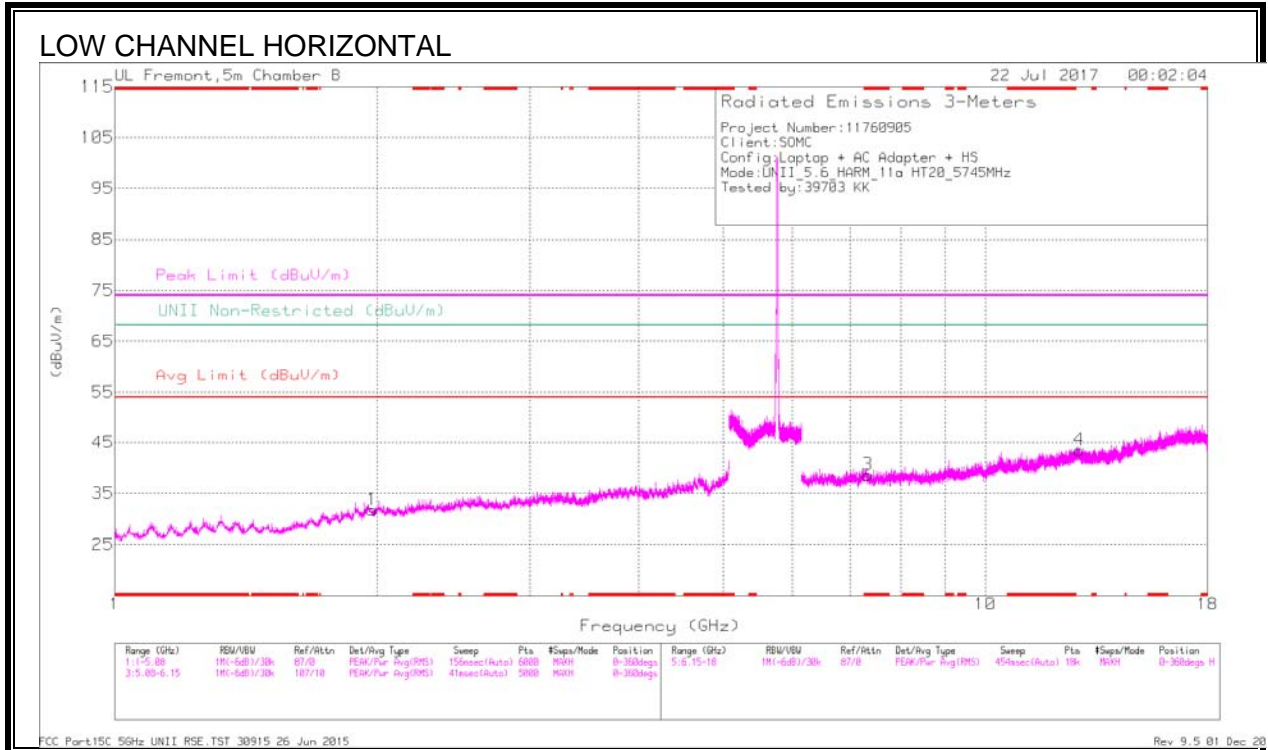


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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 TBS3 (dB/m)	Amp/Cou/Filt/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 (m)	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

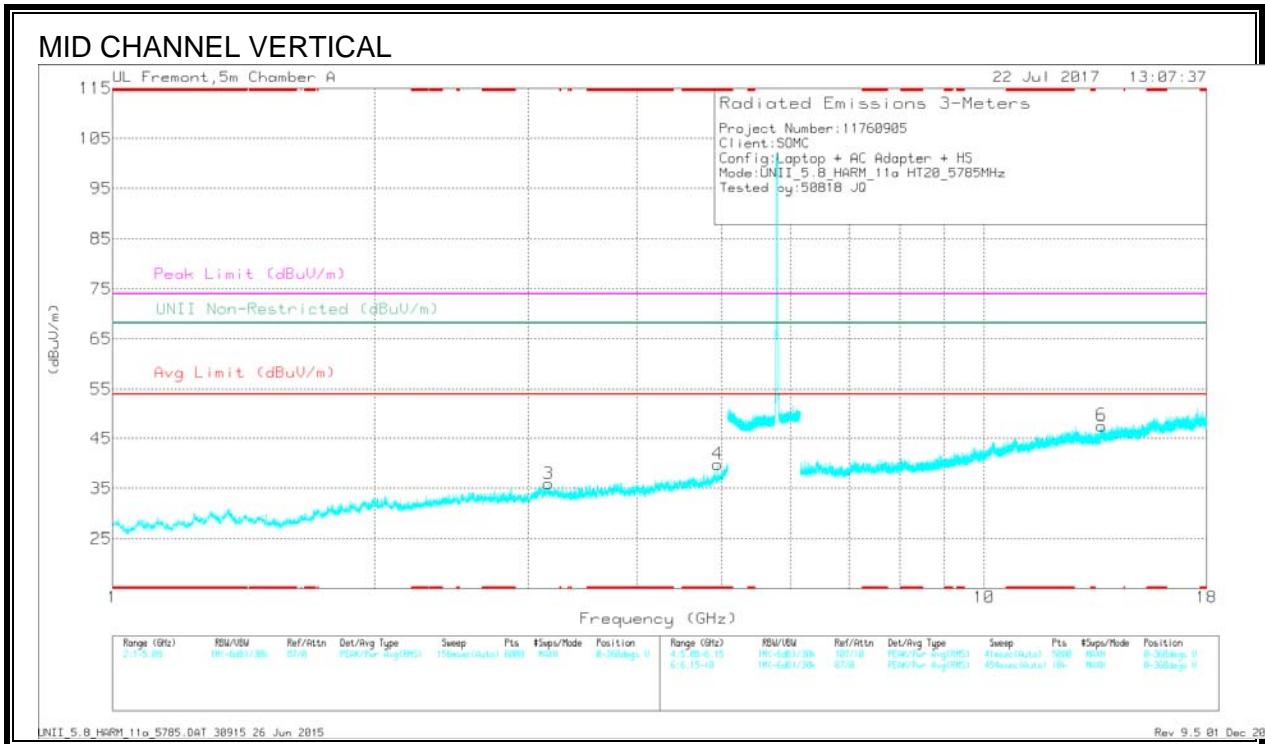
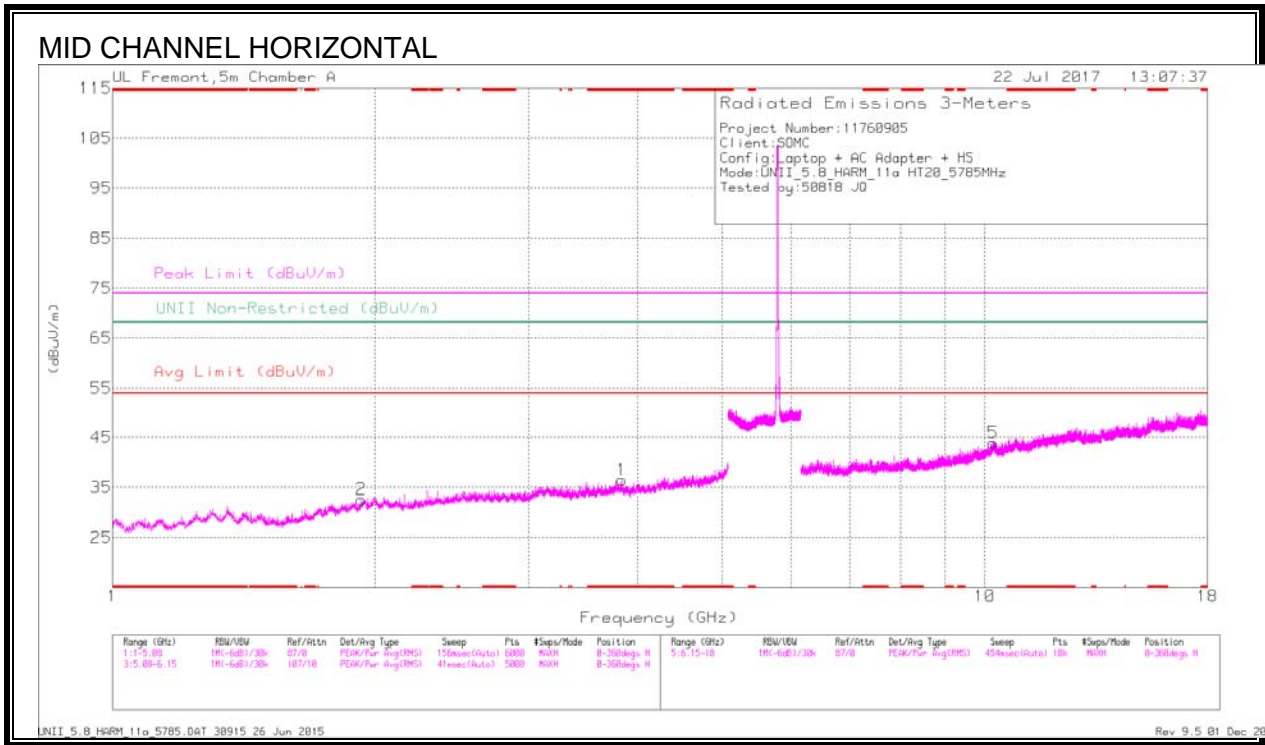
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF TBS3 (dB/m)	Amp/Cou/Filt/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 (m)	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

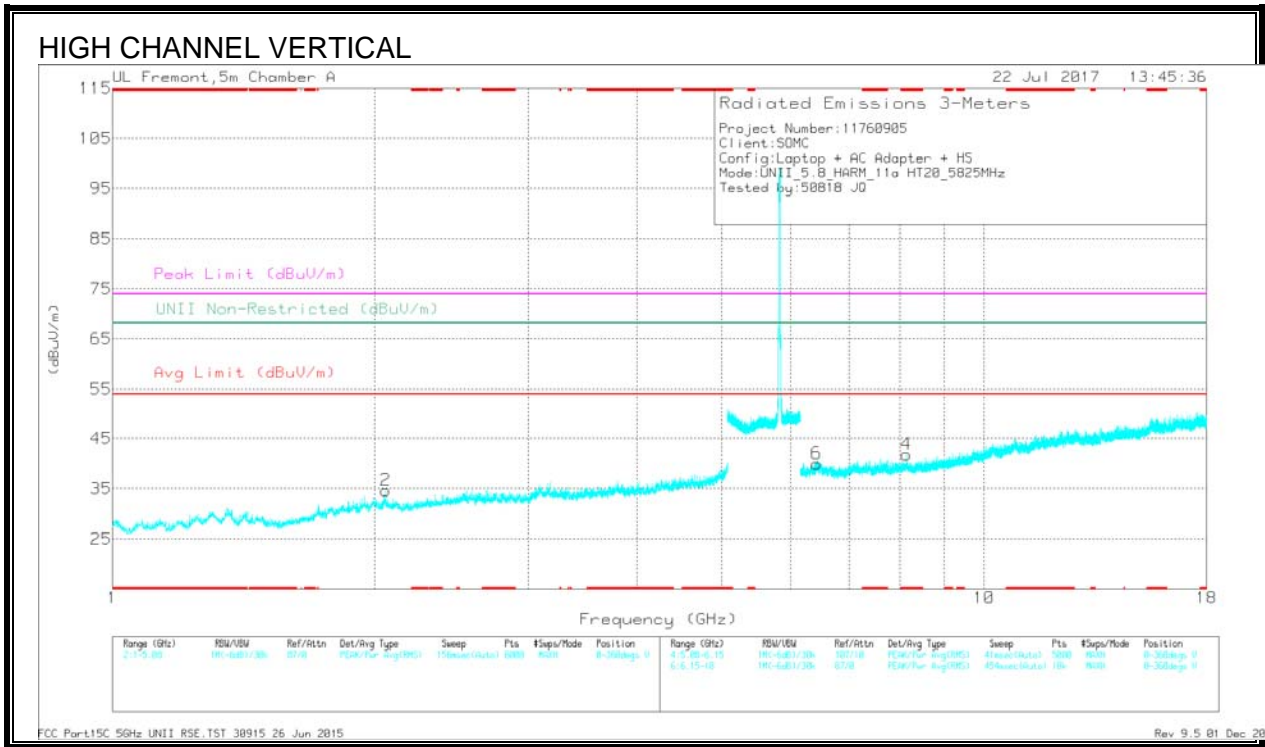
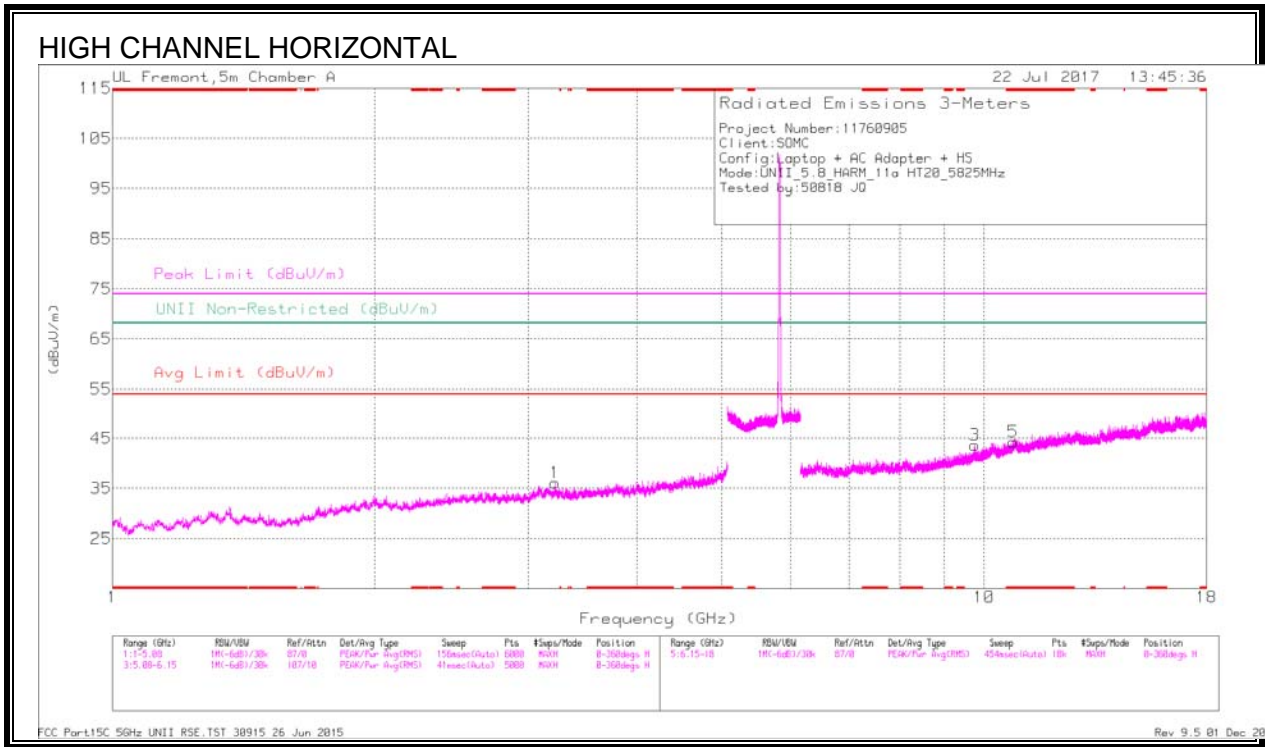
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T662 (dBm)	Amp/Coupl/Filt/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.837	32.56	Pk	33	-29.1	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 (dBm)	Amp/Coupl/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
* 3.832	37.92	PK-U	33	-29.1	0	41.82	-	-	74	-32.18	-	-	210	385	H
* 3.842	26.66	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 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.799	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

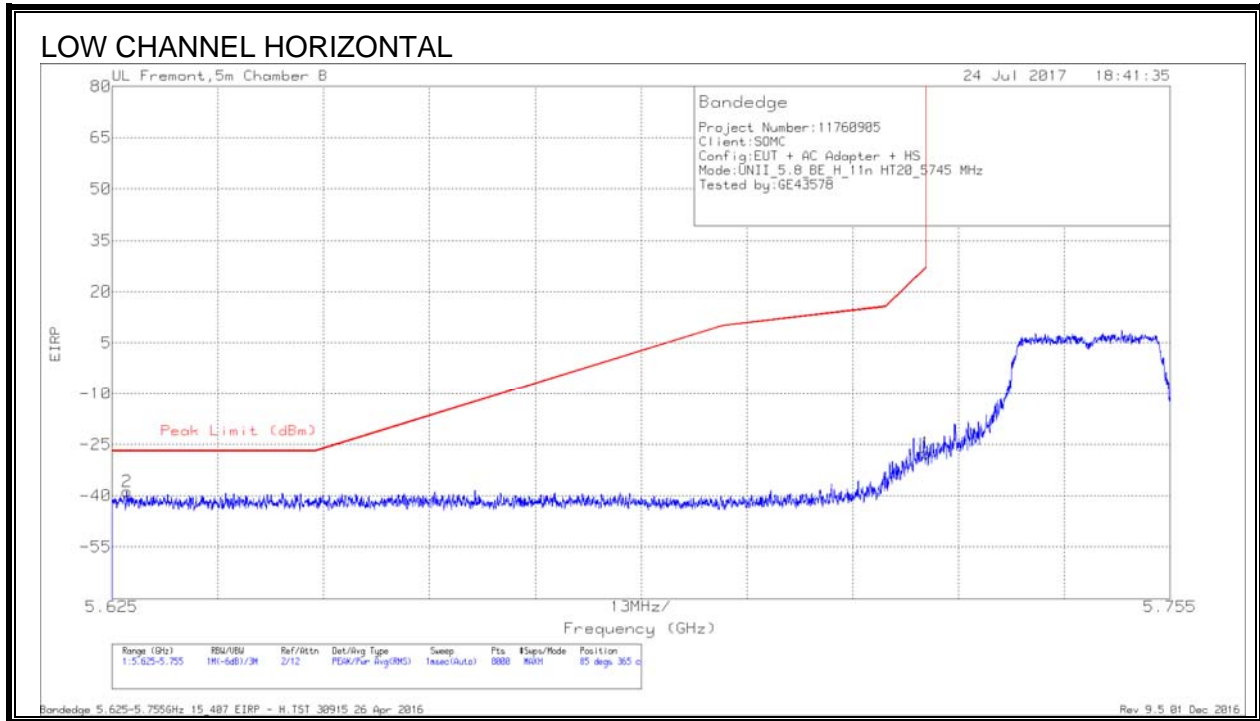
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cb/Filt/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
* 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	39.77	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

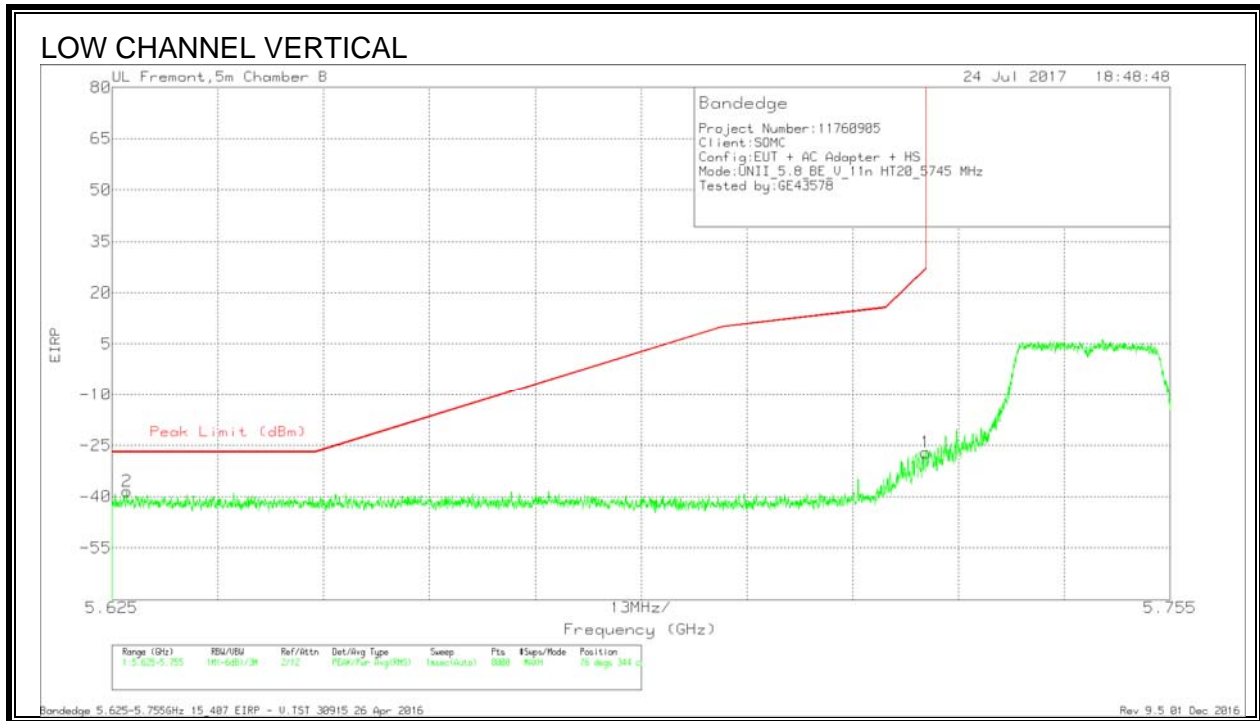
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Powered (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

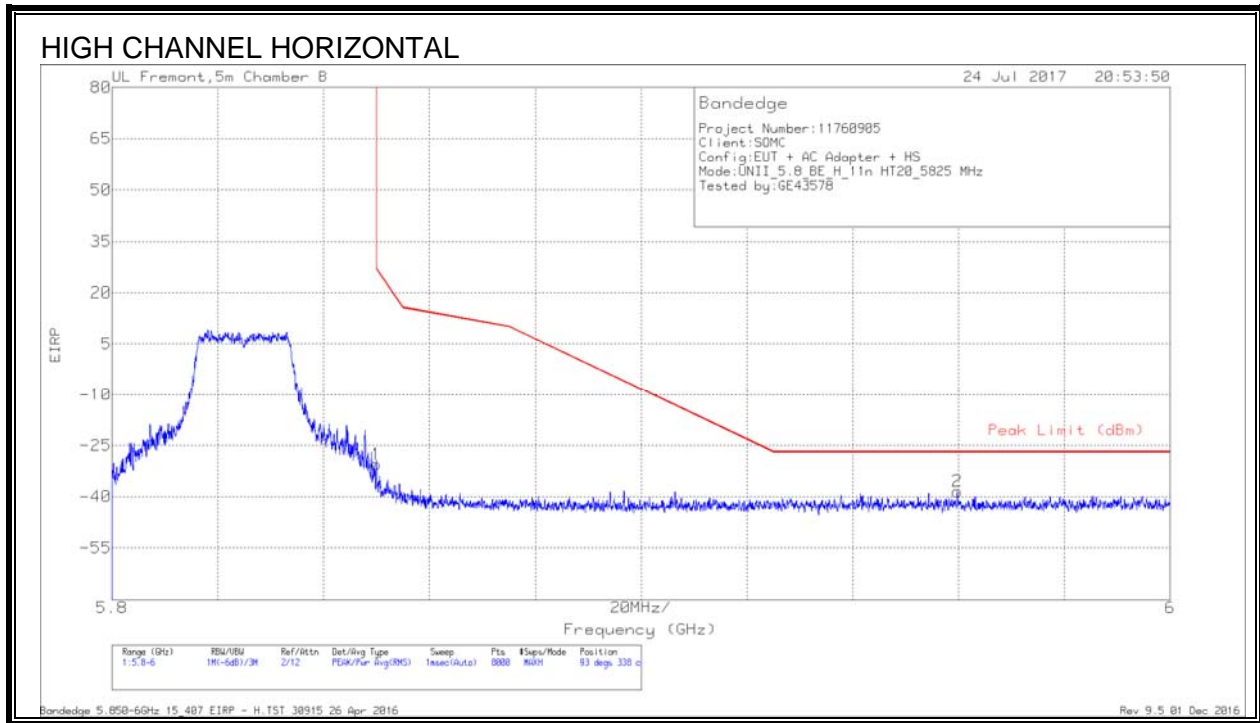


Trace Markers

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

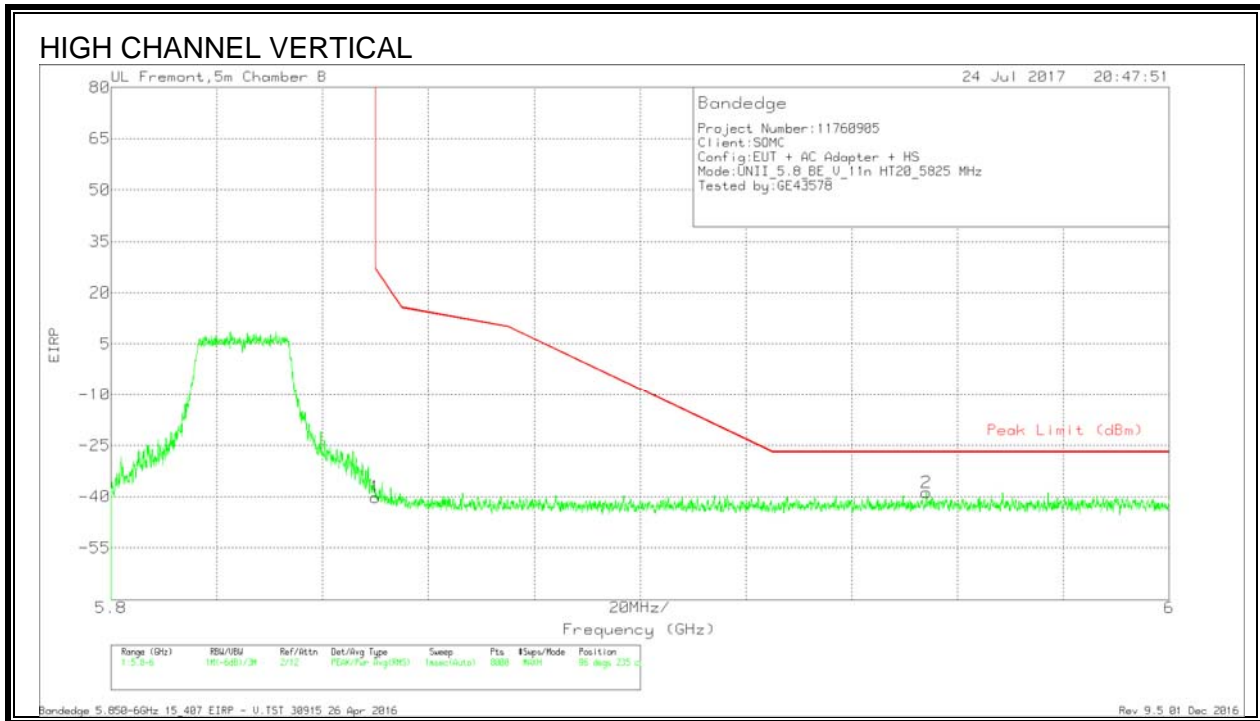
AUTHORIZED BANDEDGE (HIGH CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/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	-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

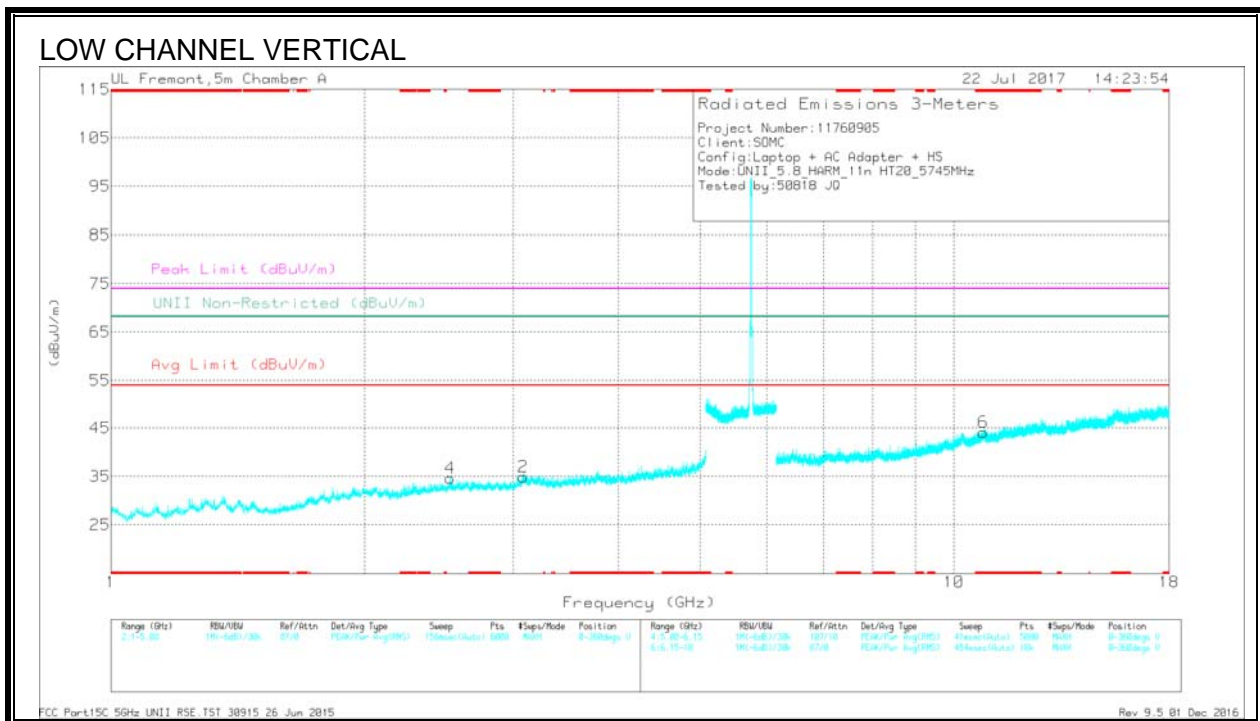
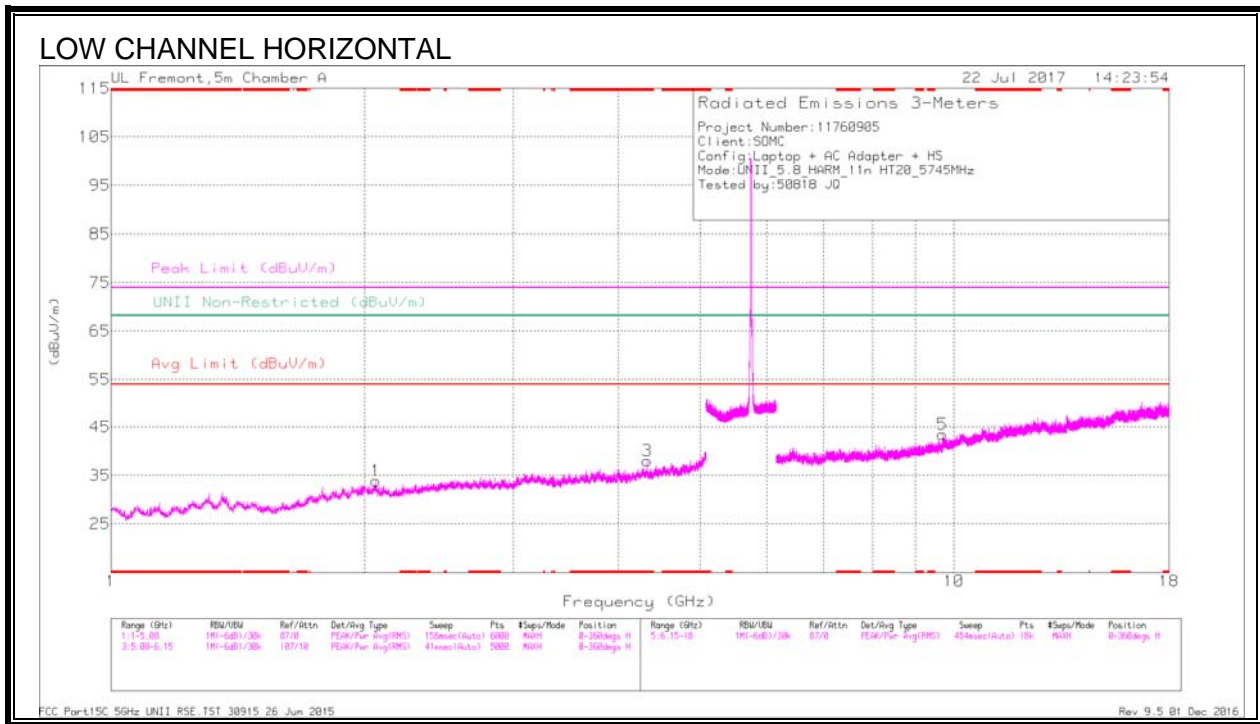


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Par d (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

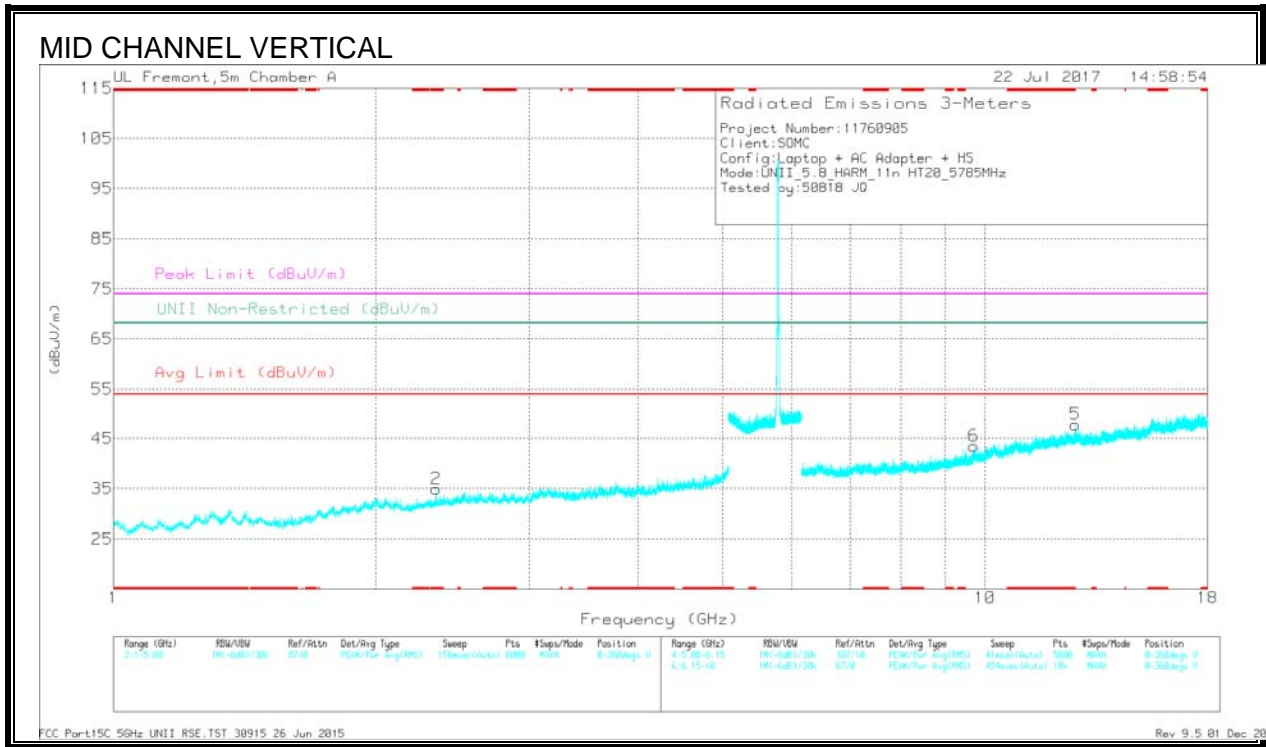
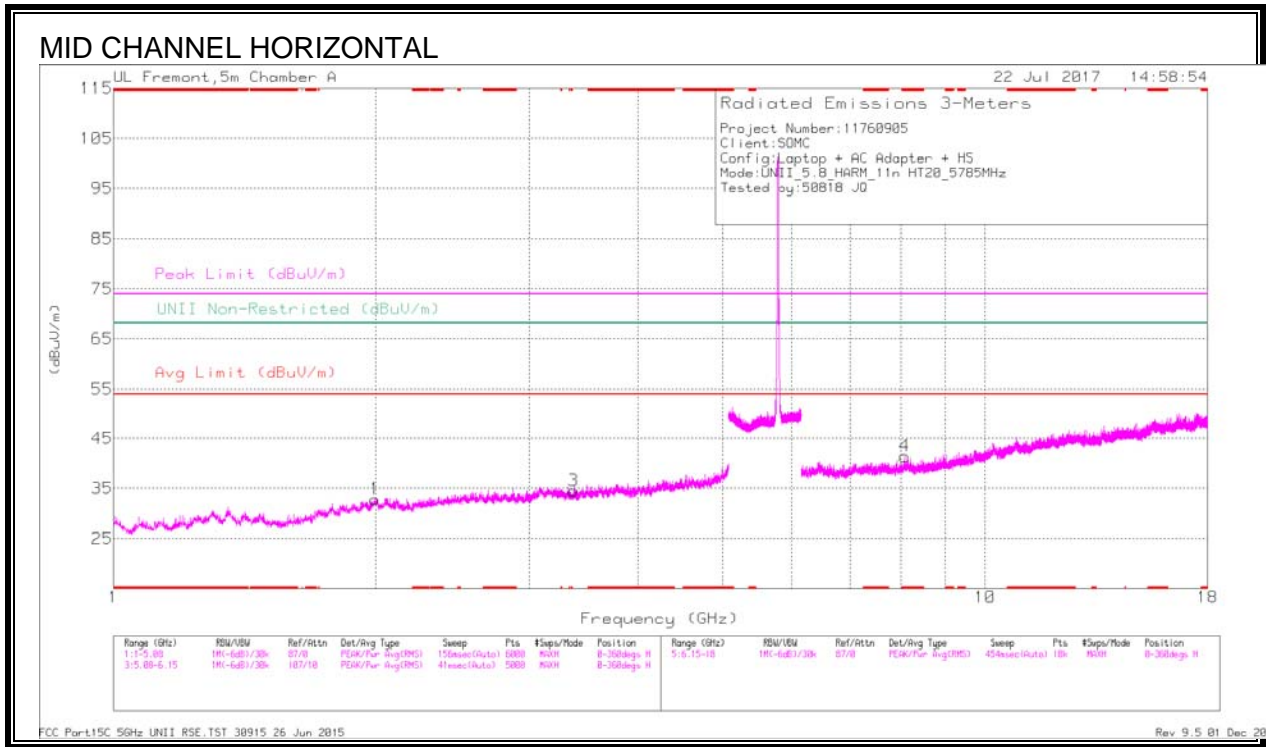
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.326	33.01	Pk	33.6	-28.6	0	38.01	-	-	74	-36.99	-	-	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 (dBm)	Amp/Cbl/Filt/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	-29.5	-	-	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

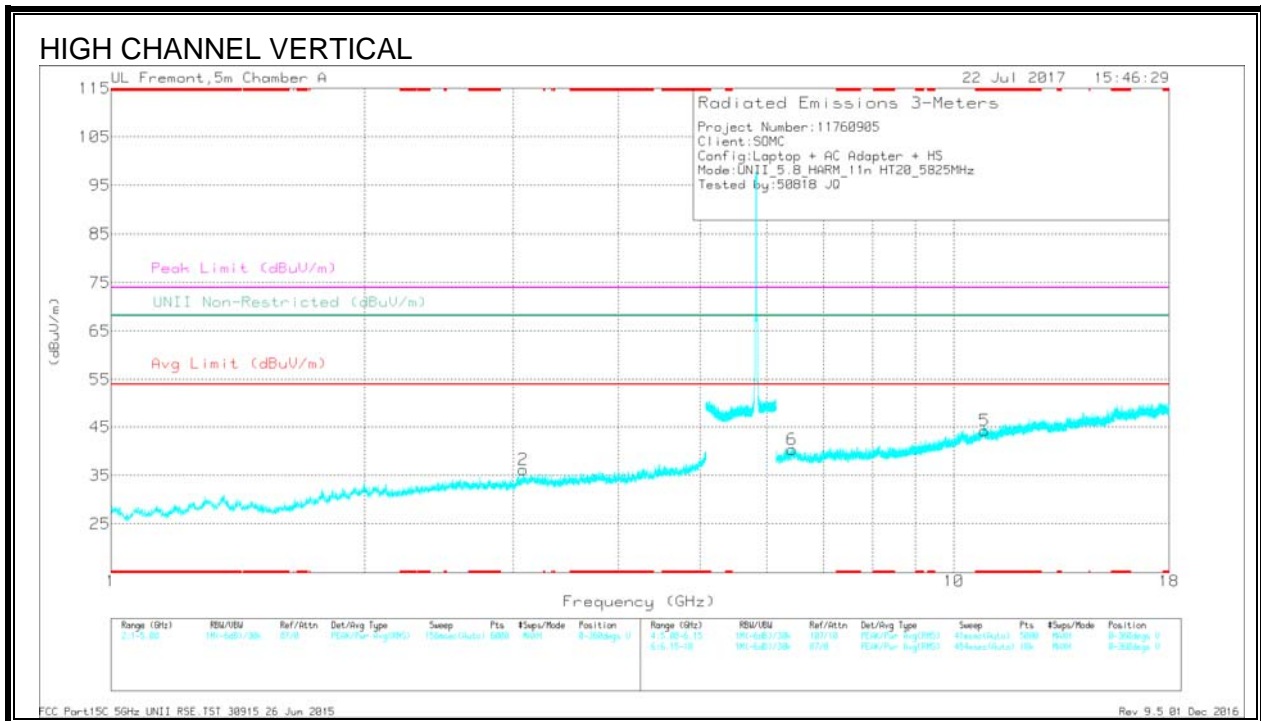
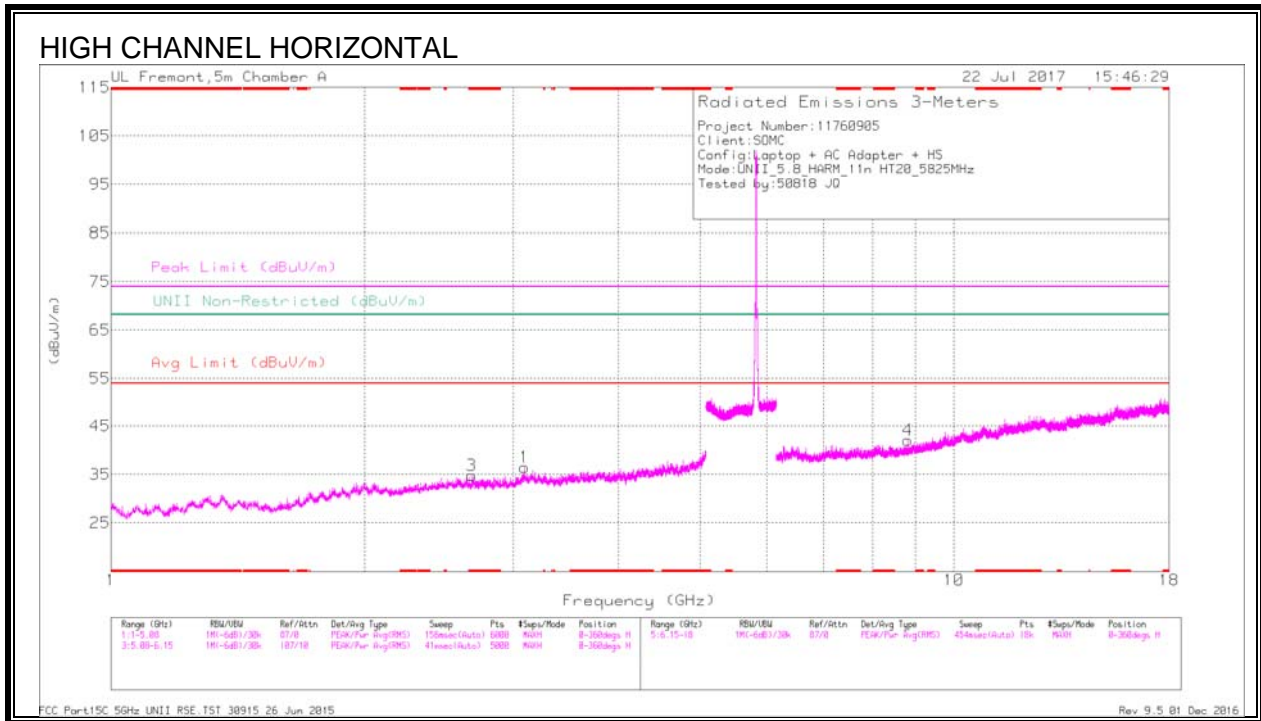
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.345	34.57	Pk	31.6	-31.3	0	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 (dBm)	Amp/Cb/Filt/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
* 2.346	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	33.64	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 (dBm)	Amp/Cbl/Filt/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

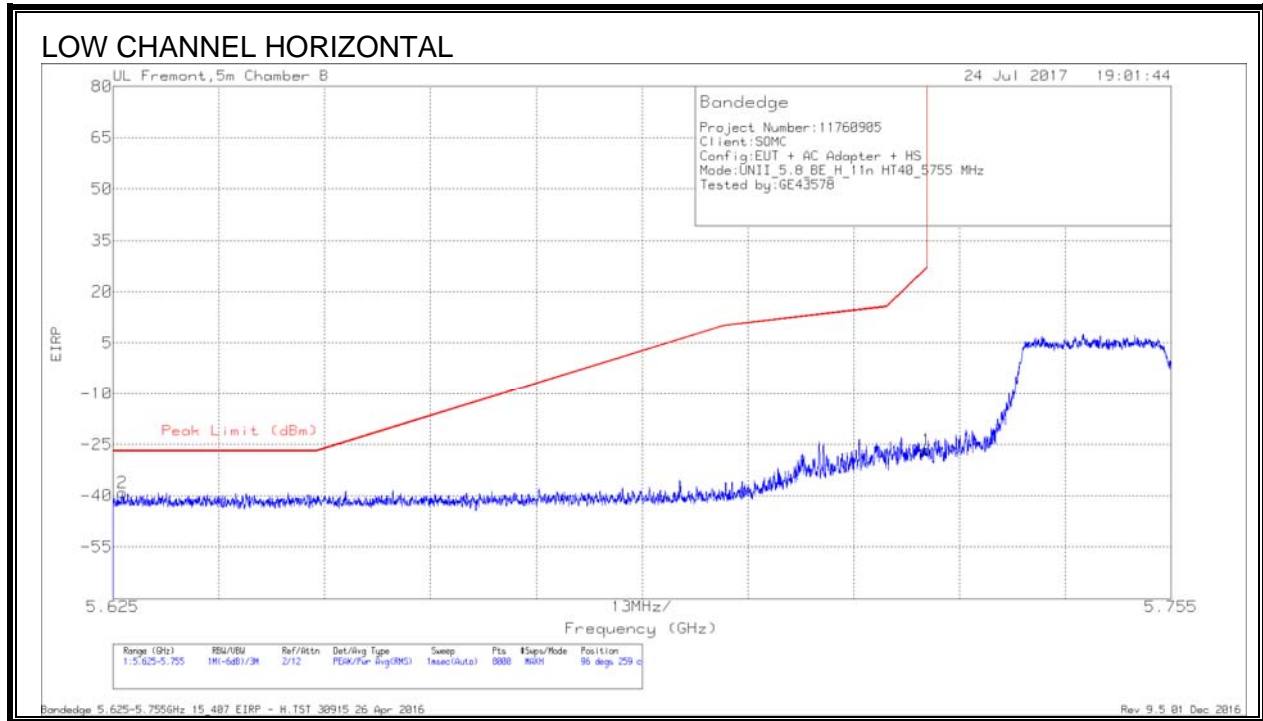
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Filt/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

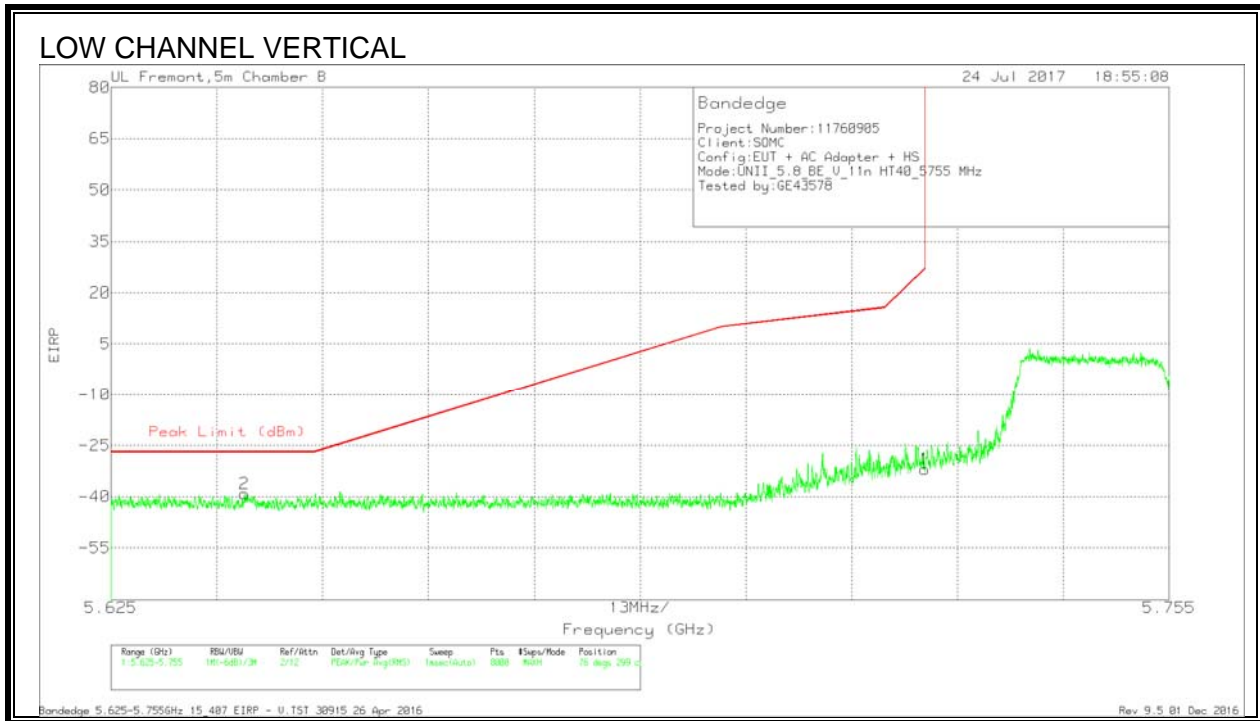
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Fitr/Pa 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

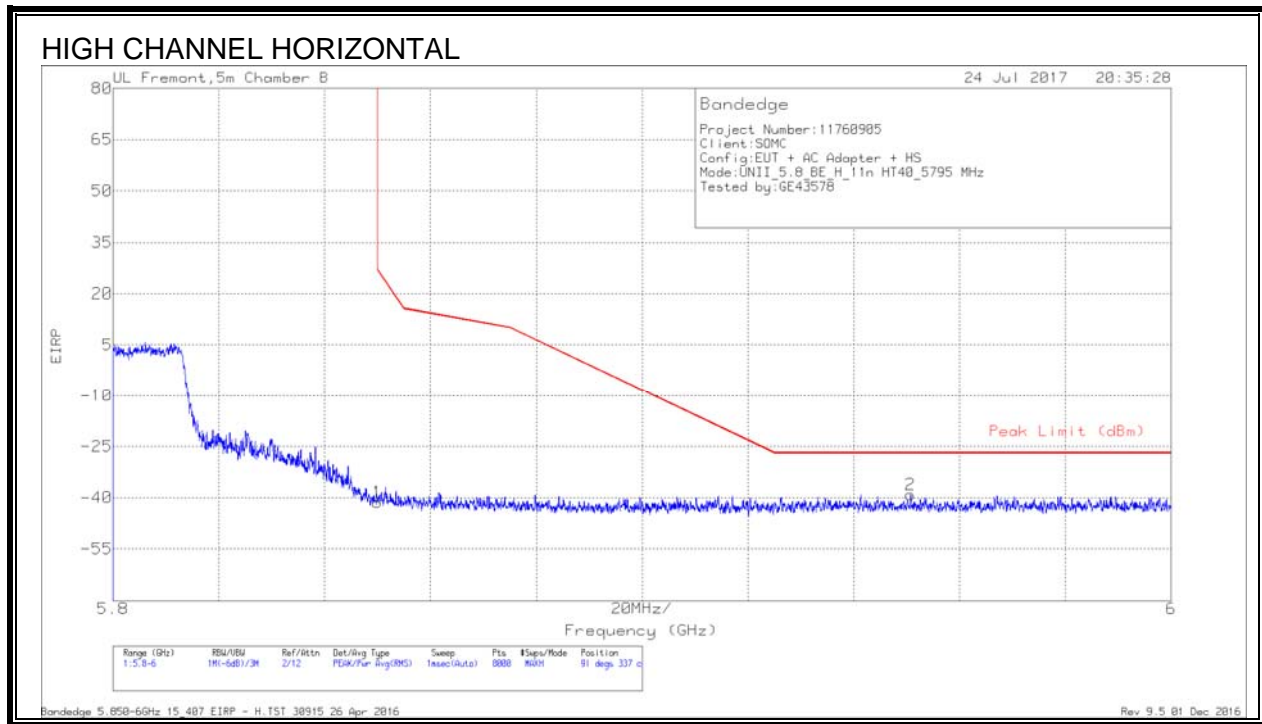


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dbm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Parad (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

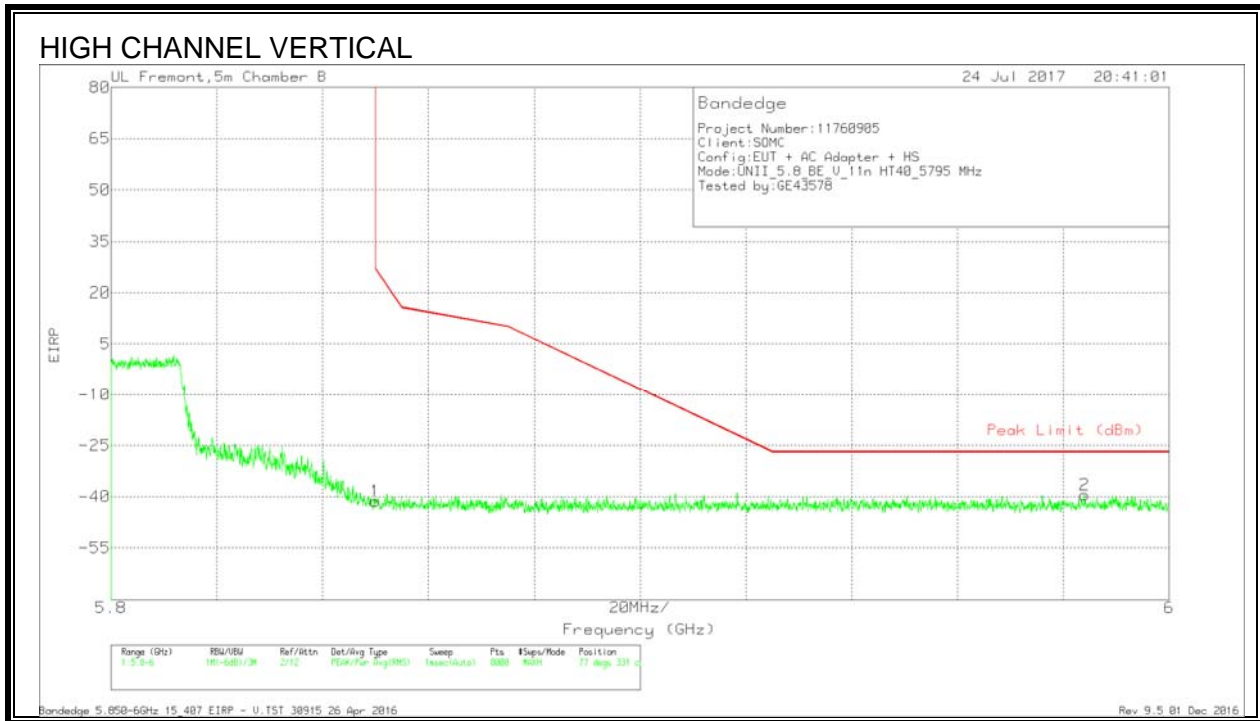
AUTHORIZED BANDEDGE (HIGH CHANNEL)



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
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

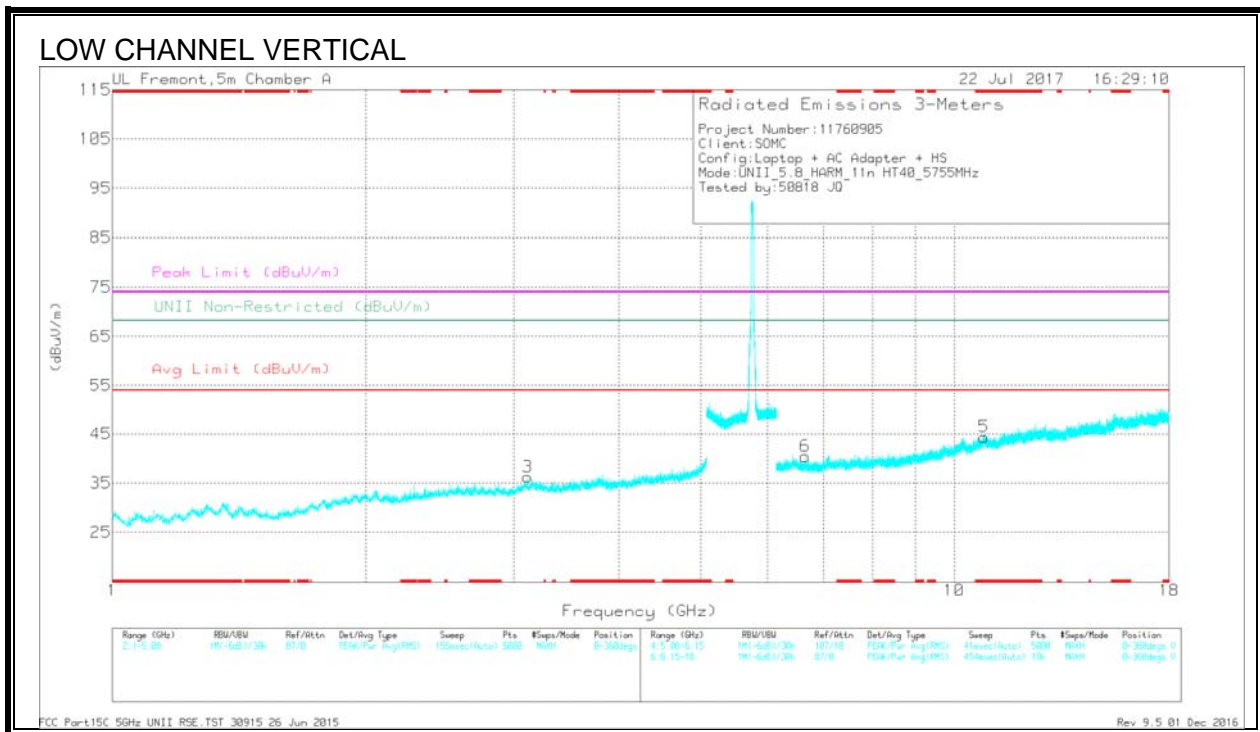
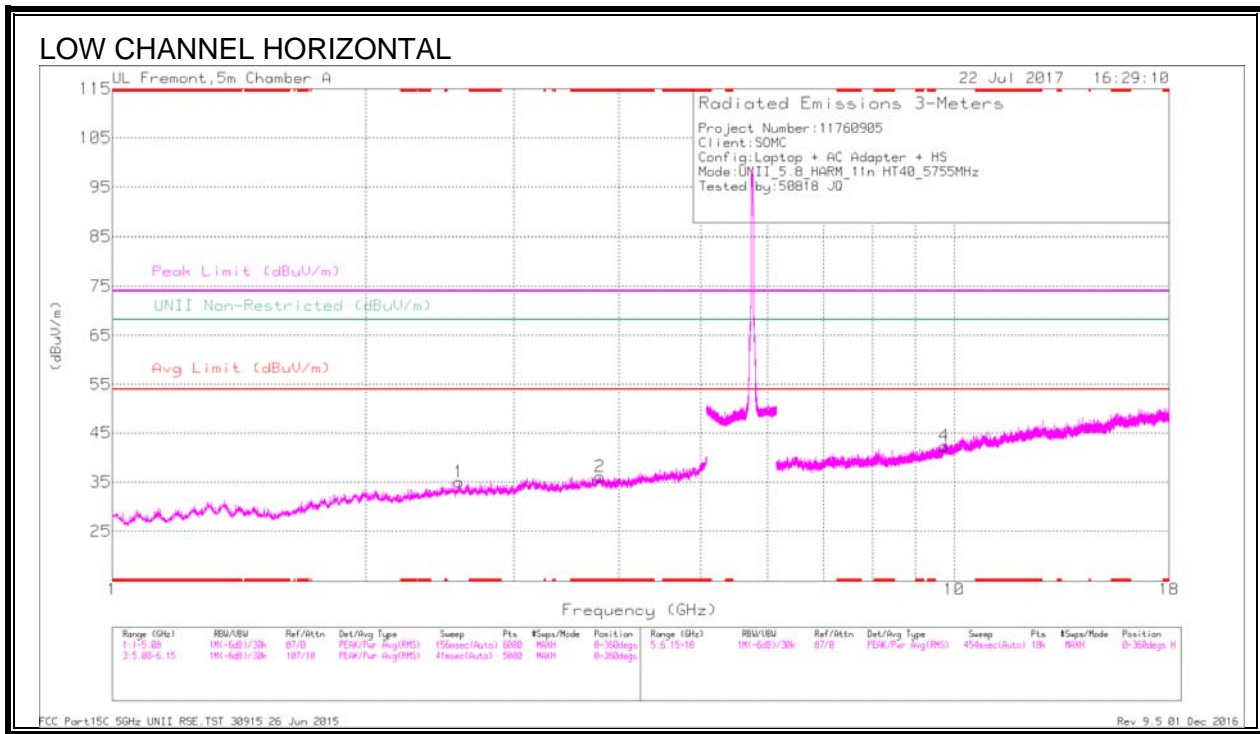


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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

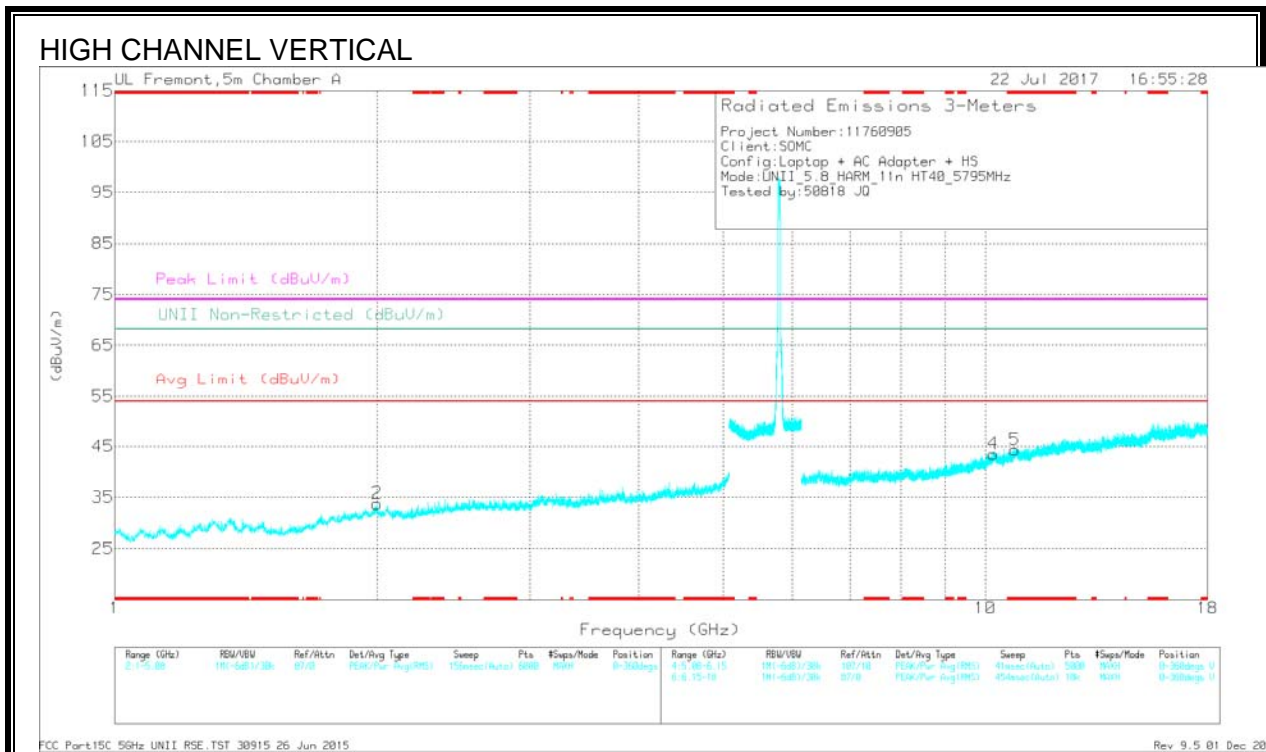
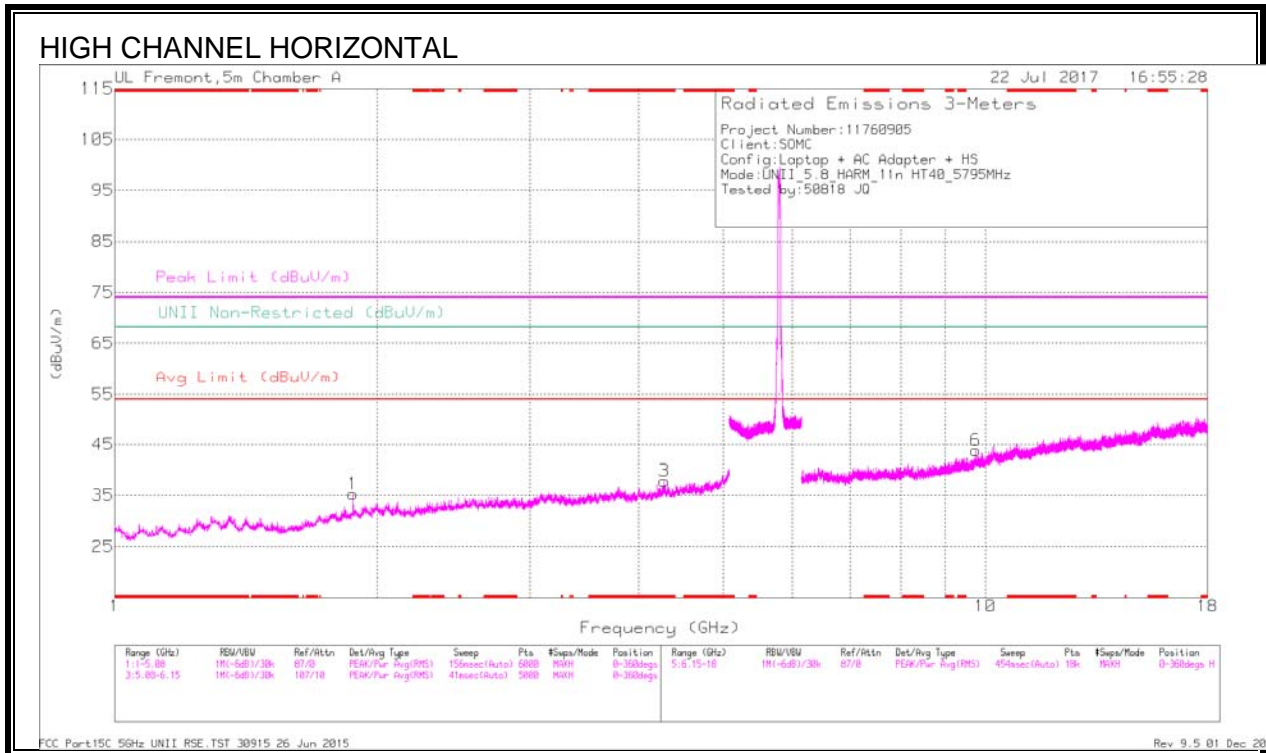
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/CbI/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.795	31.84	Pk	33.2	-28.9	0	36.14	-	-	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	35.5	-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 (dBm)	Amp/CbI/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	38.08	-	-	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	41.62	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 (dBm)	Amp/Cb/Filt/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	* 4.279	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

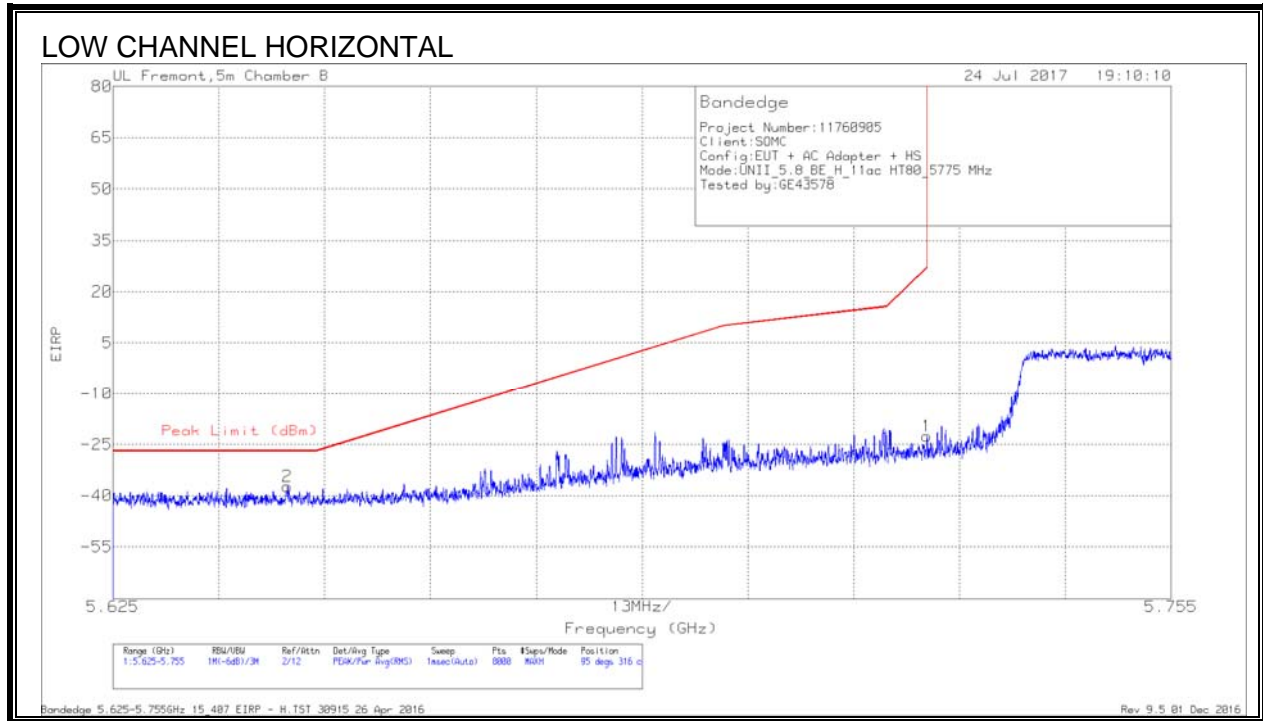
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cb/Filt/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
* 4.277	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	-	-	74	-27.73	-	-	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

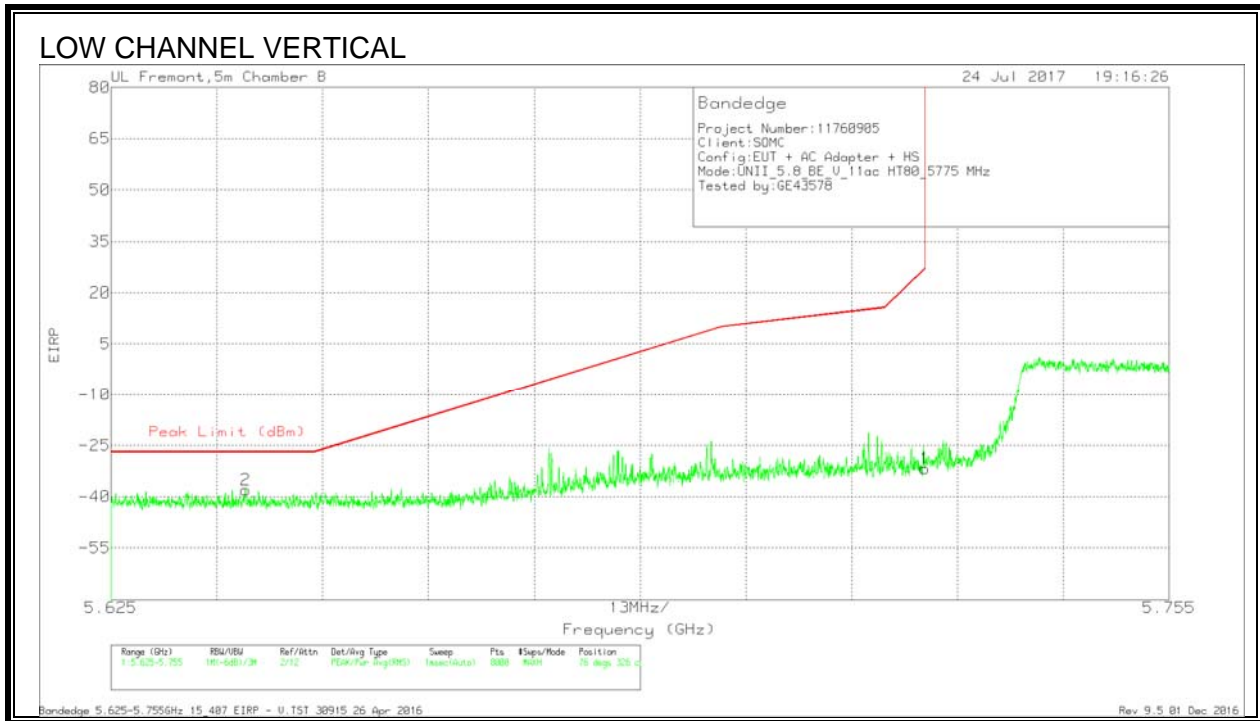
RESTRICTED BANDEDGE (LOW CHANNEL)



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Fitr/Par d (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

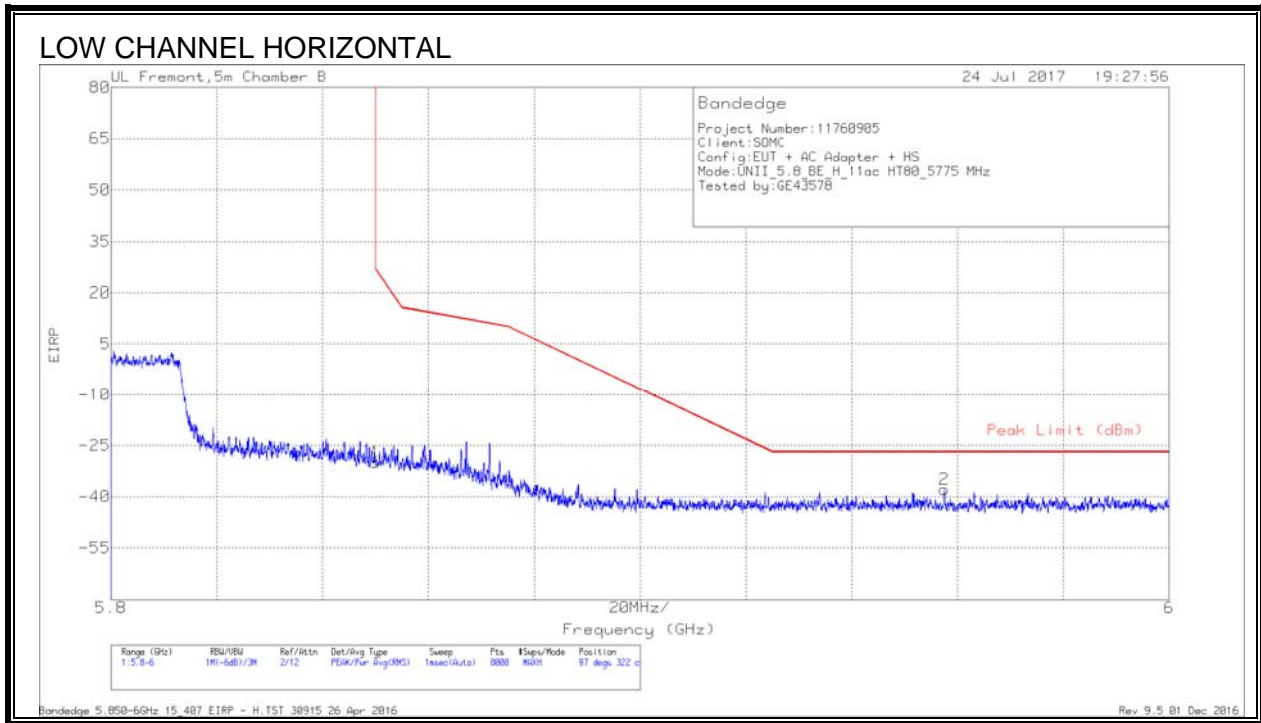


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dbm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Parad (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

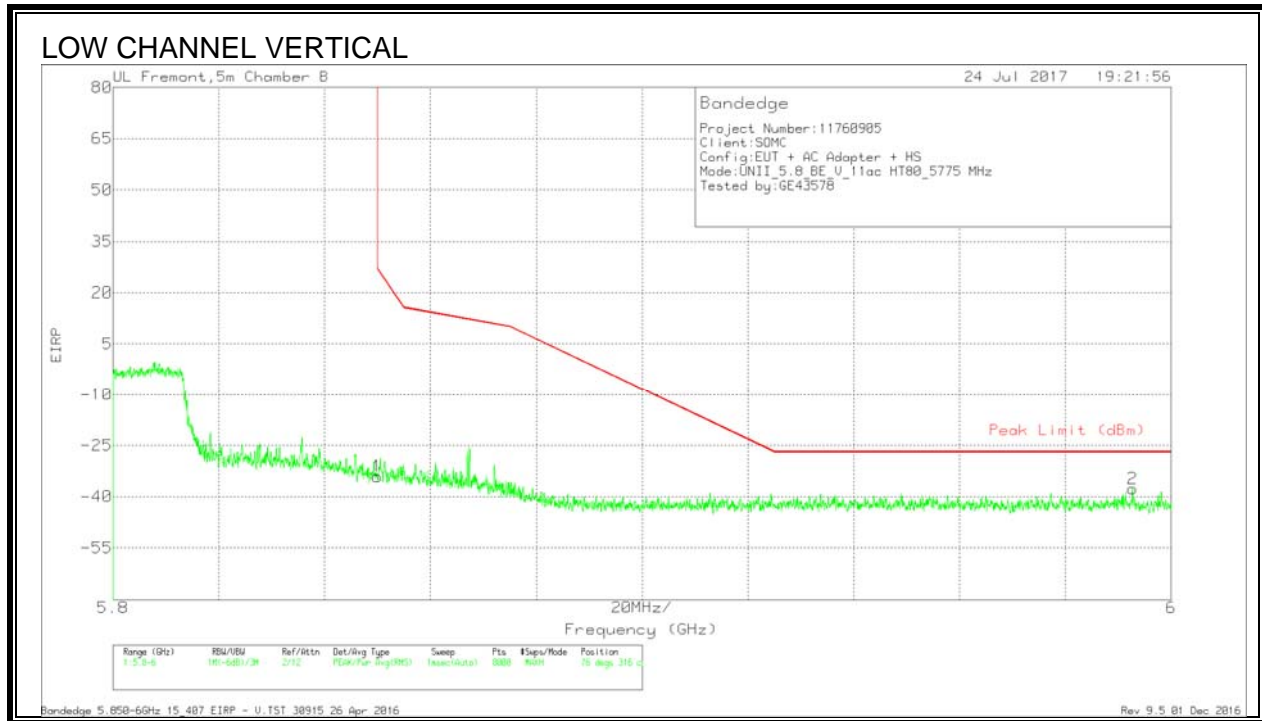
AUTHORIZED BANDEDGE (HIGH CHANNEL)



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

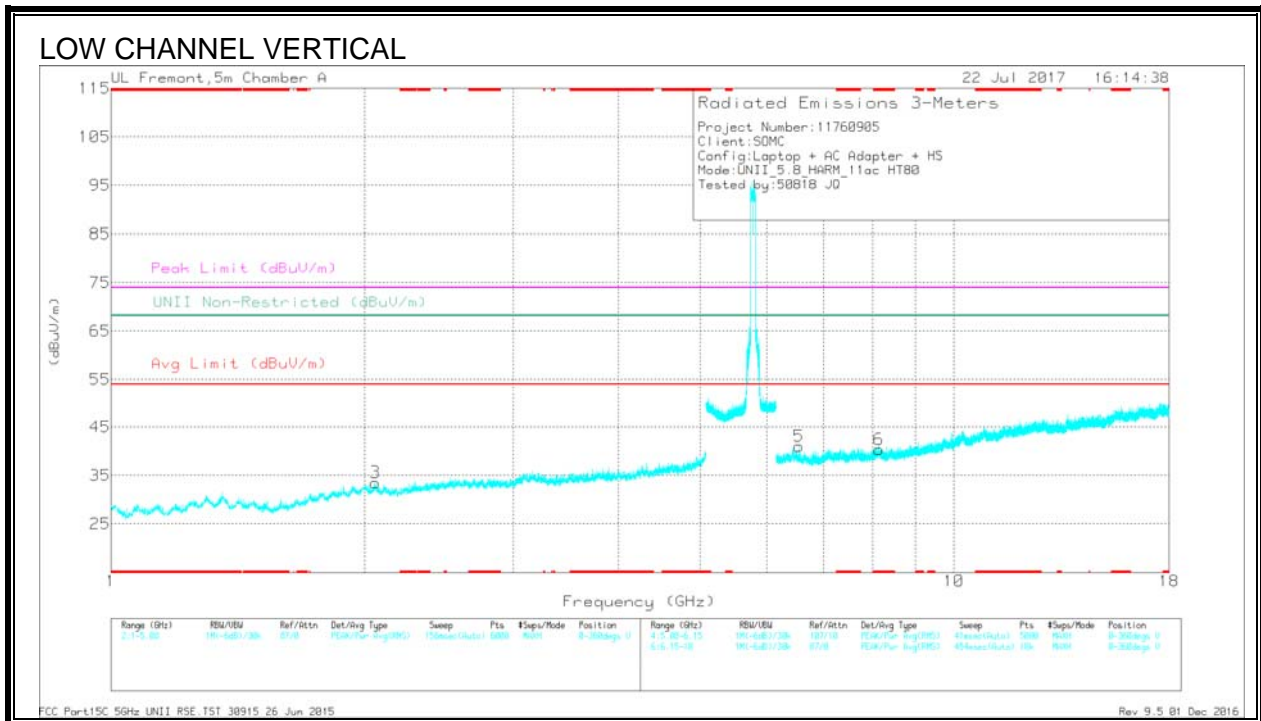
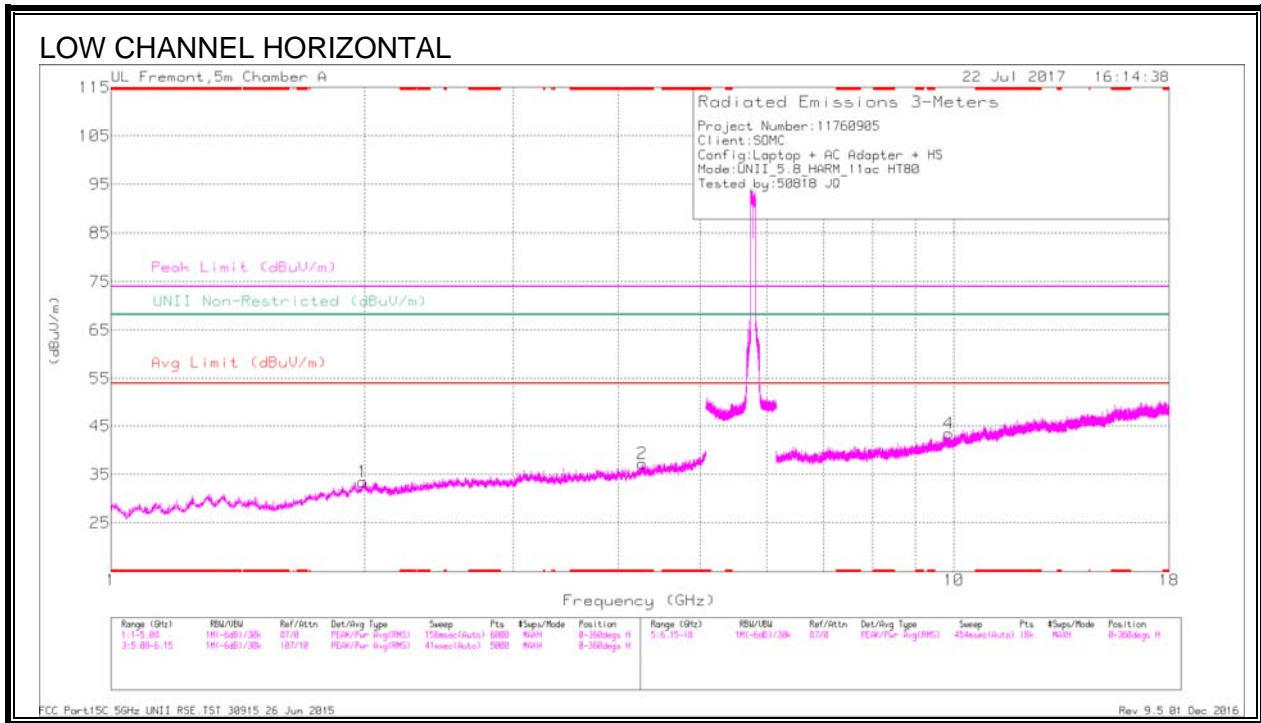


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Par d (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 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Correcte d 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	* 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

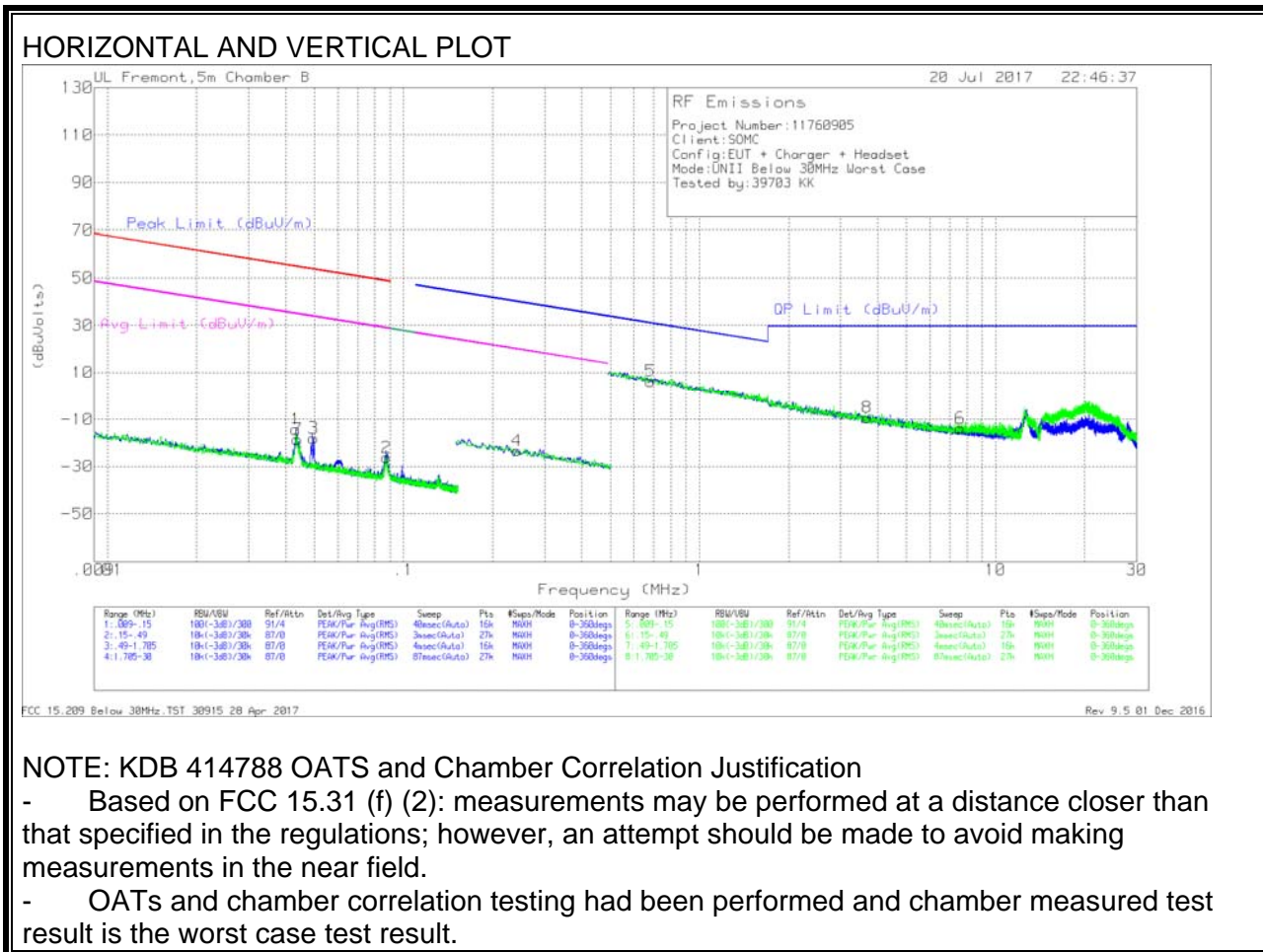
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Correcte d 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
* 4.263	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

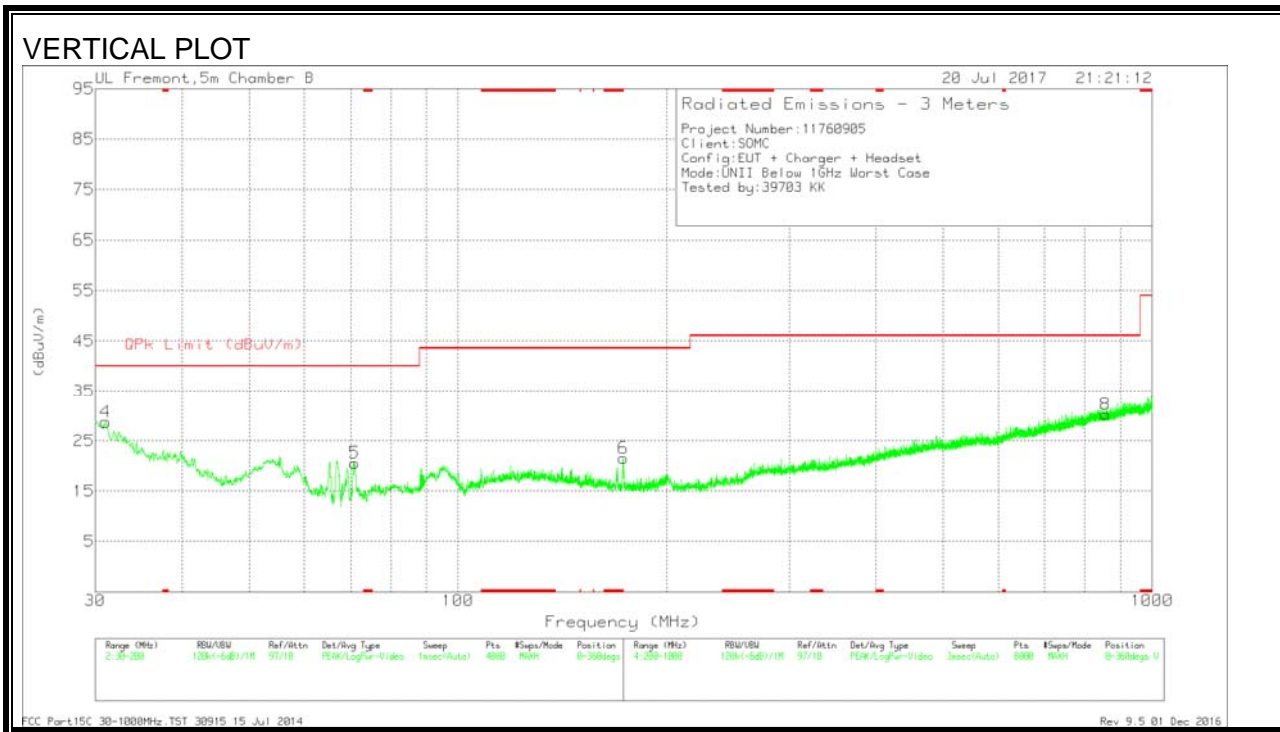
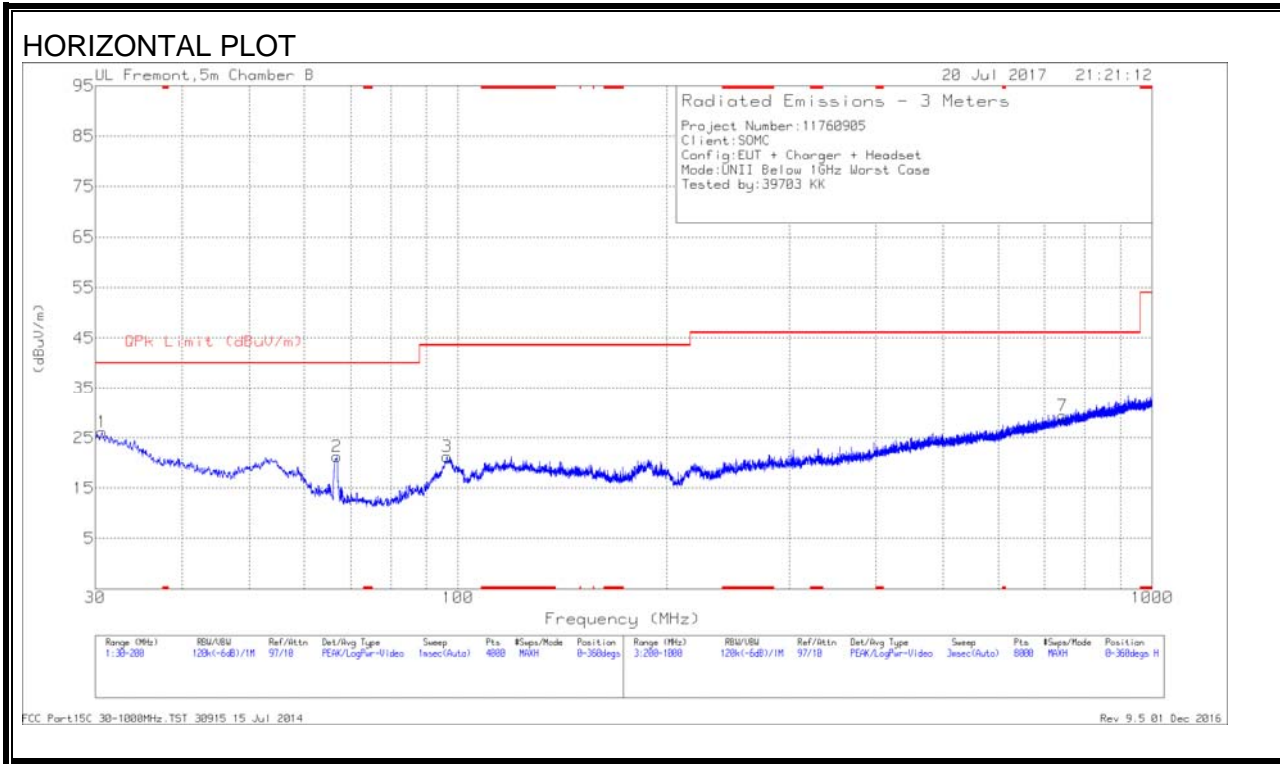
Pk - Peak detector

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)



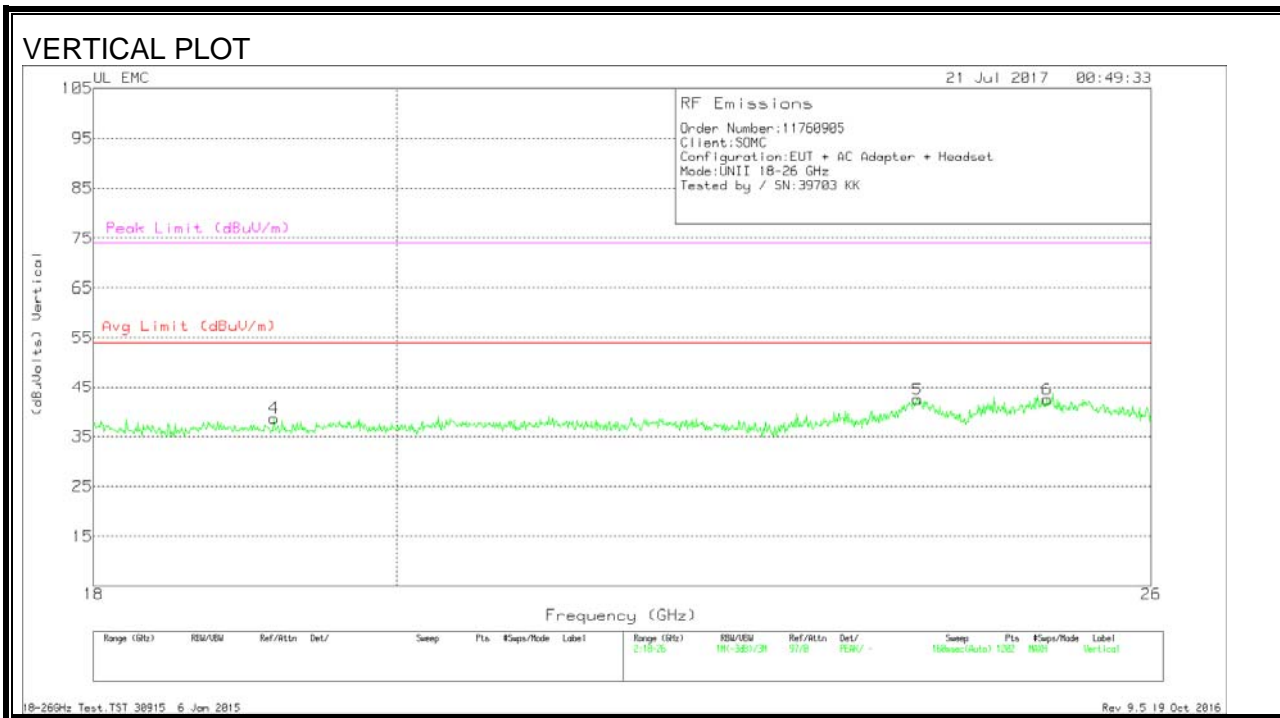
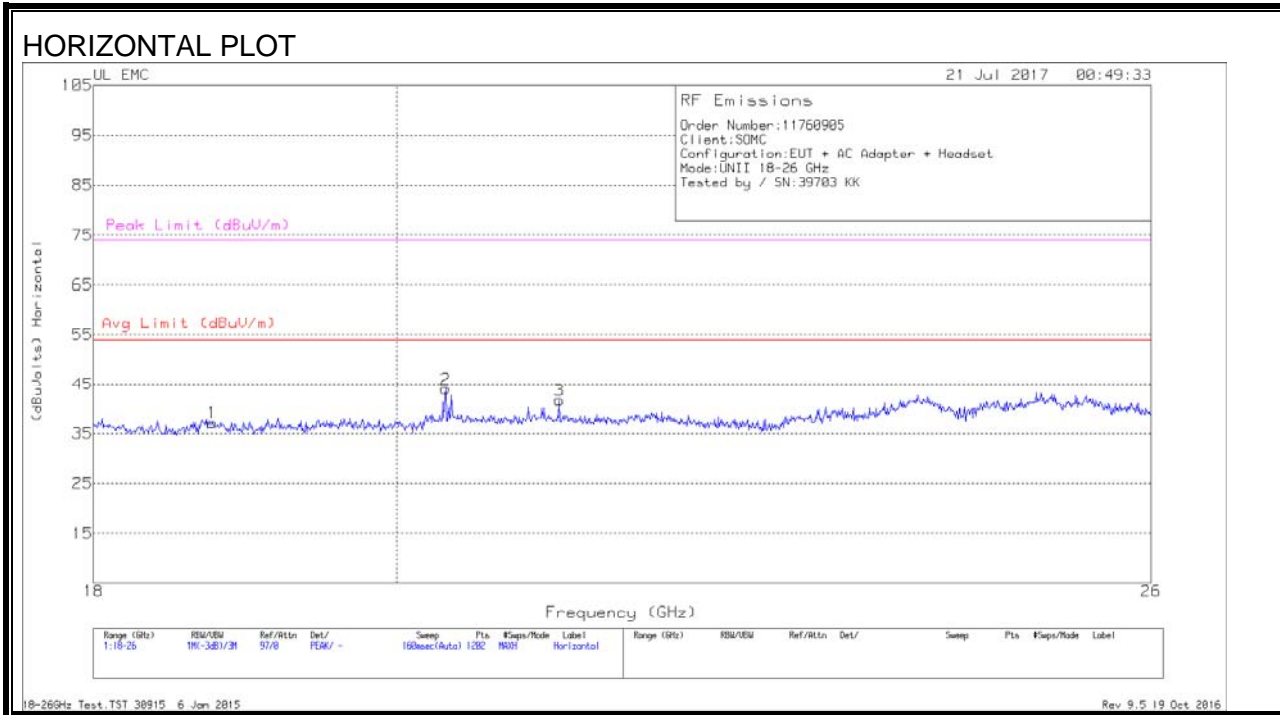
Trace Markers

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)



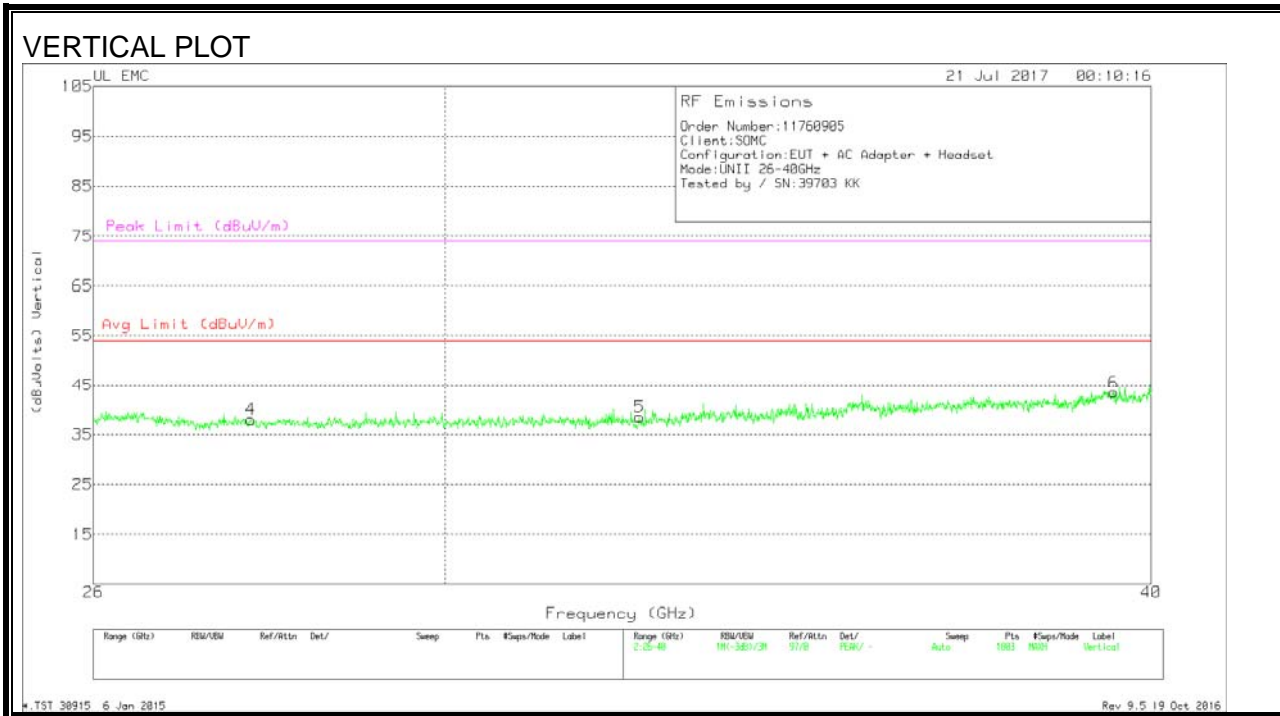
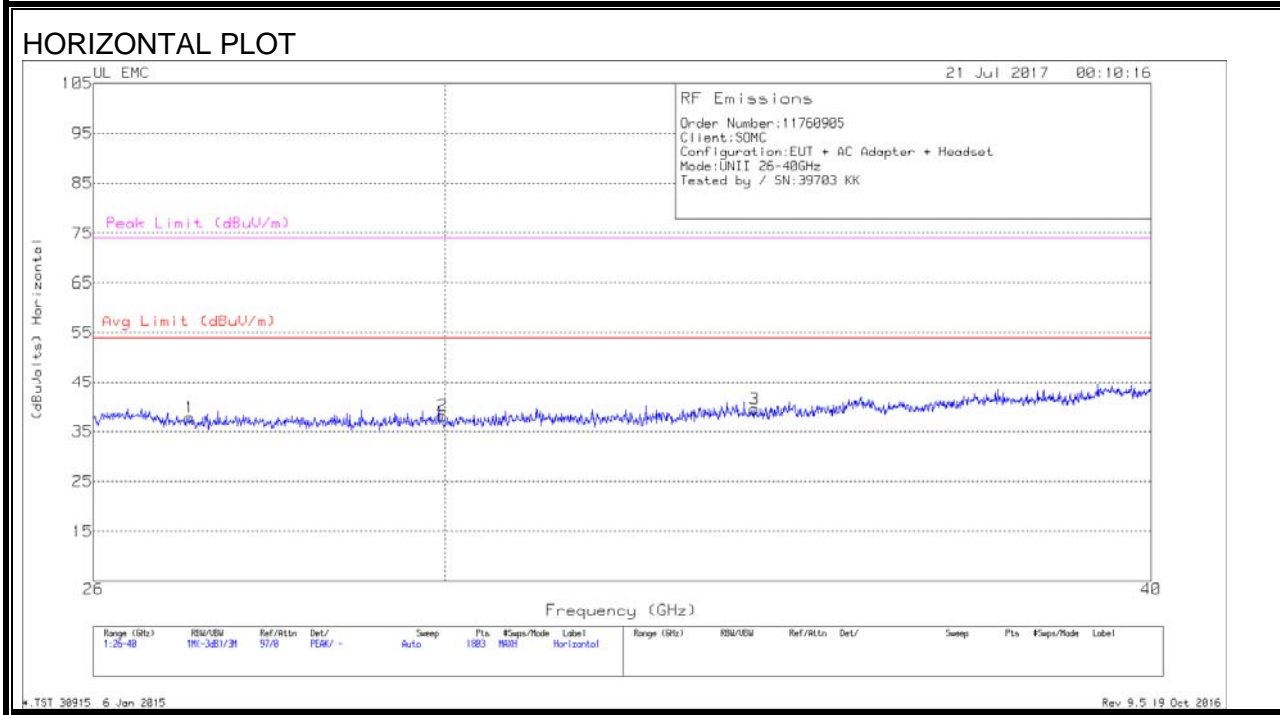
Trace Markers

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

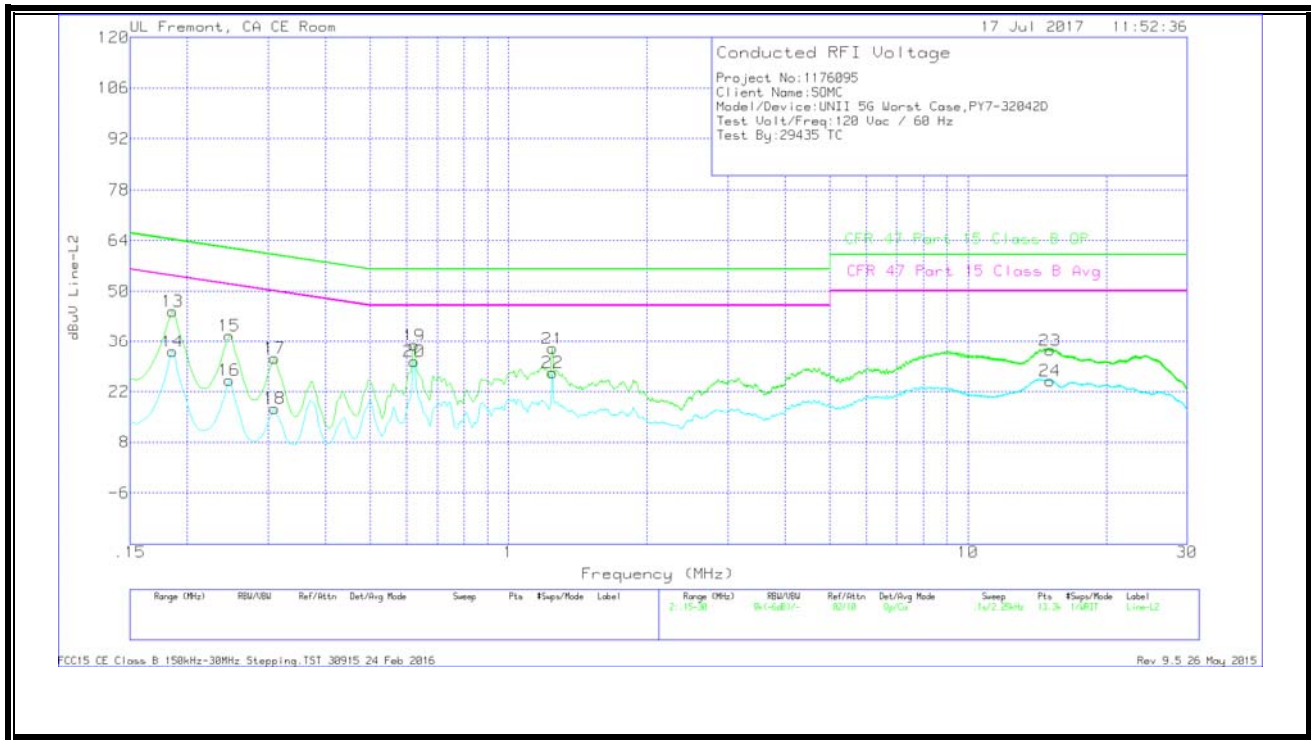
Trace Markers

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