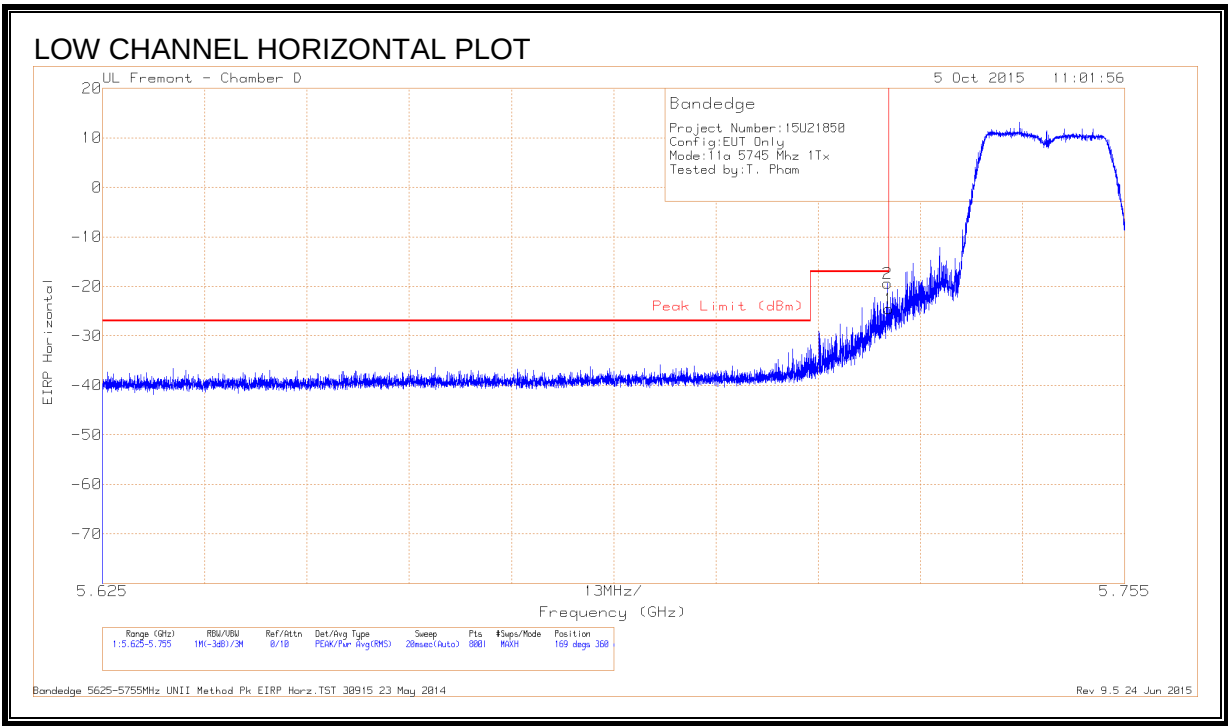


10. RADIATED TEST RESULTS (MODELS: A1622 and A1623)

10.1. MODEL: A1623: 802.11a MODE IN THE 5.8 GHz BAND

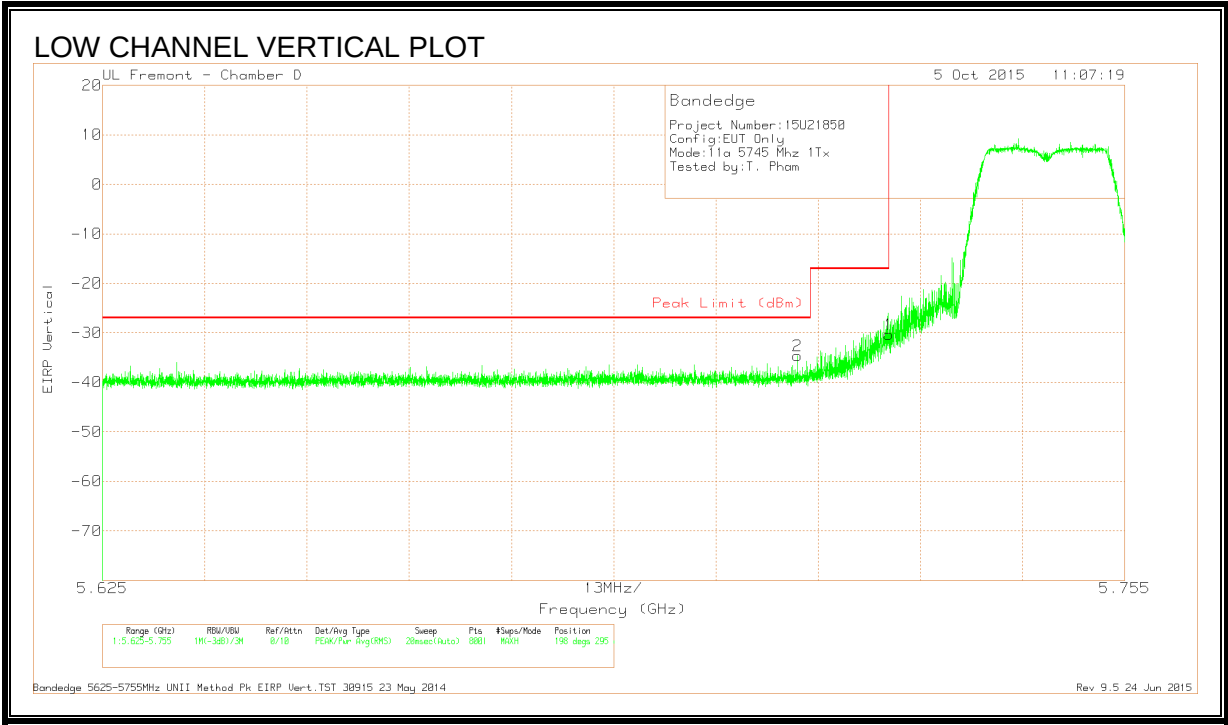
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.36	Pk	34.6	-17.6	11.8	-24.56	-17	-7.56	169	360	H
2	5.725	-48.23	Pk	34.6	-17.6	11.8	-19.43	-17	-2.43	169	360	H

Pk - Peak detector

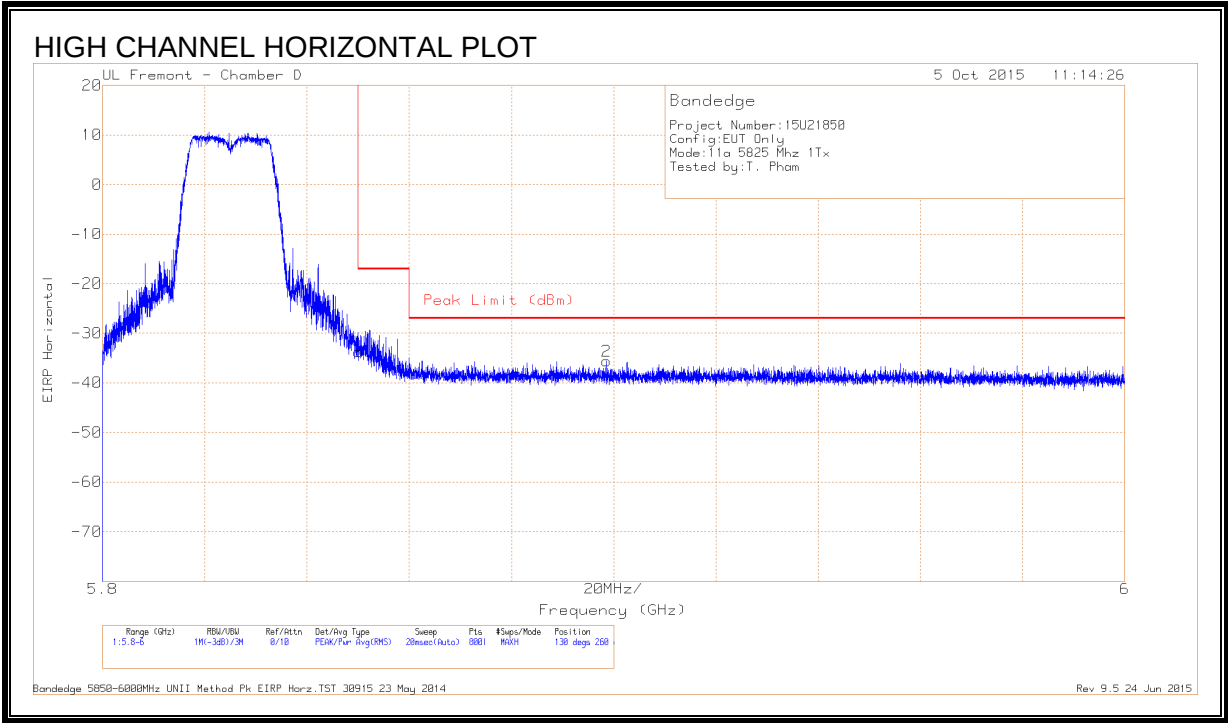


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	-63.51	Pk	34.6	-17.5	11.8	-34.61	-27	-7.61	198	295	V
1	5.725	-59.07	Pk	34.6	-17.6	11.8	-30.27	-17	-13.27	198	295	V

Pk - Peak detector

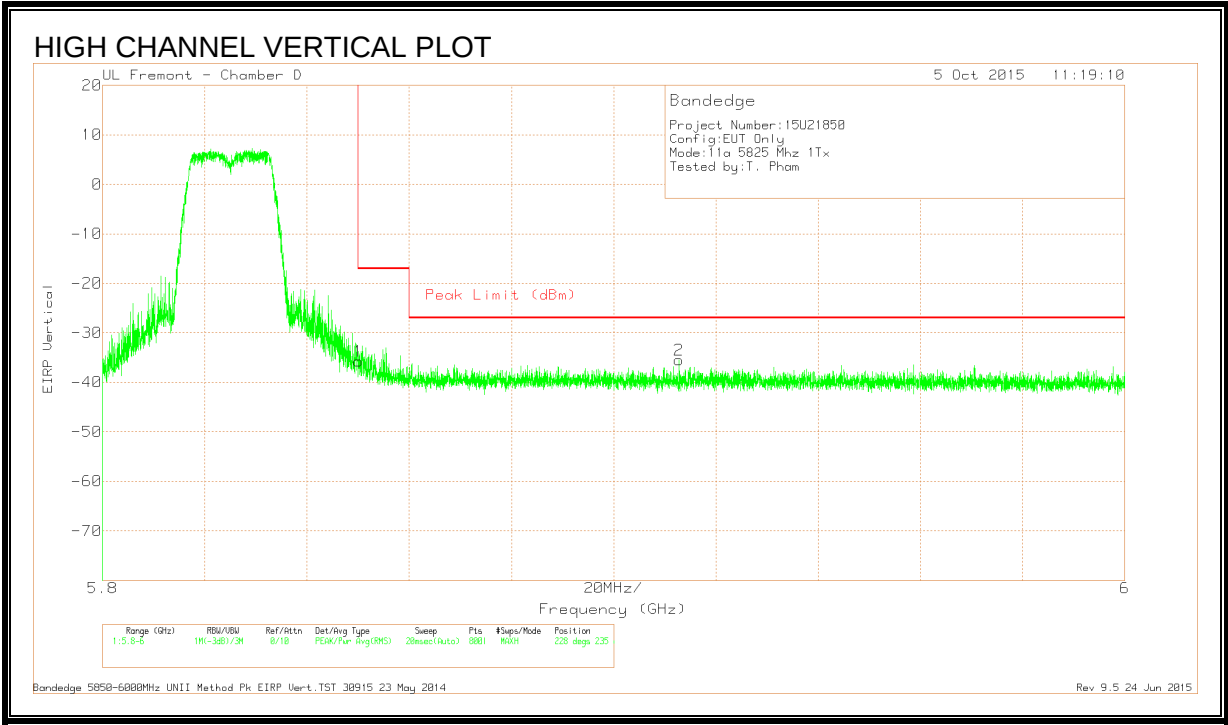
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.72	Pk	34.9	-17.7	11.8	-33.72	-17	-16.72	130	260	H
2	5.899	-65.09	Pk	35.1	-17.4	11.8	-35.59	-27	-8.59	130	260	H

Pk - Peak detector

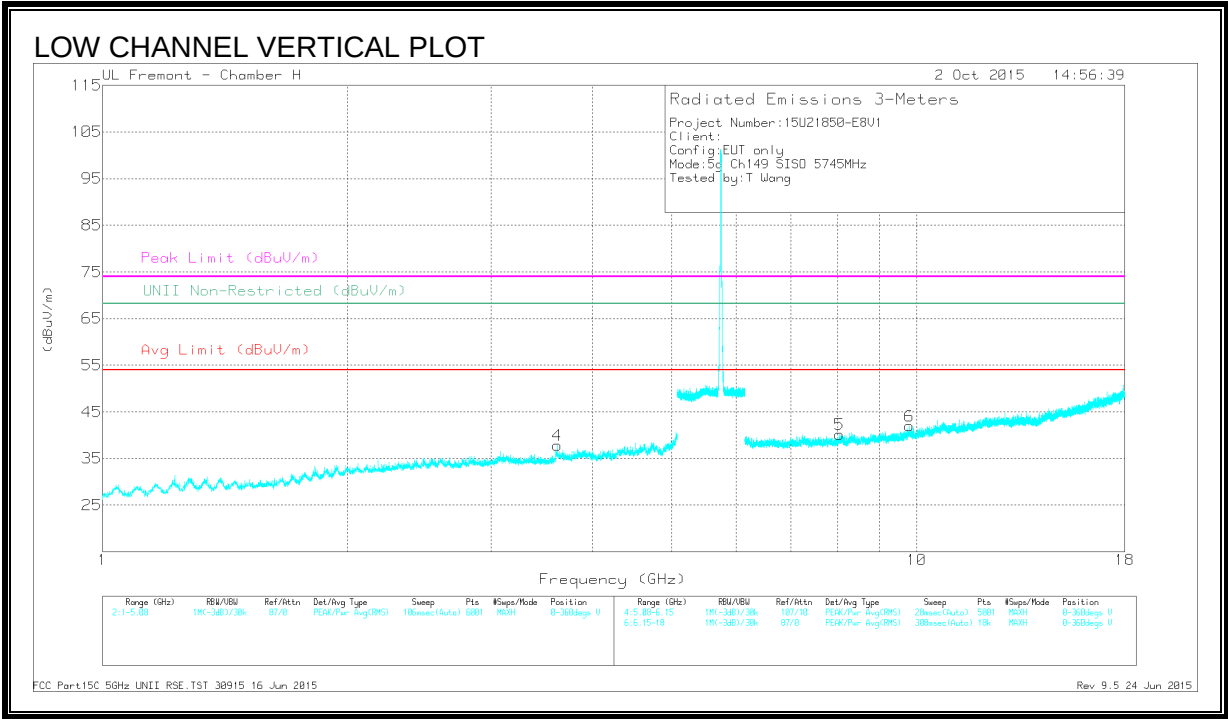
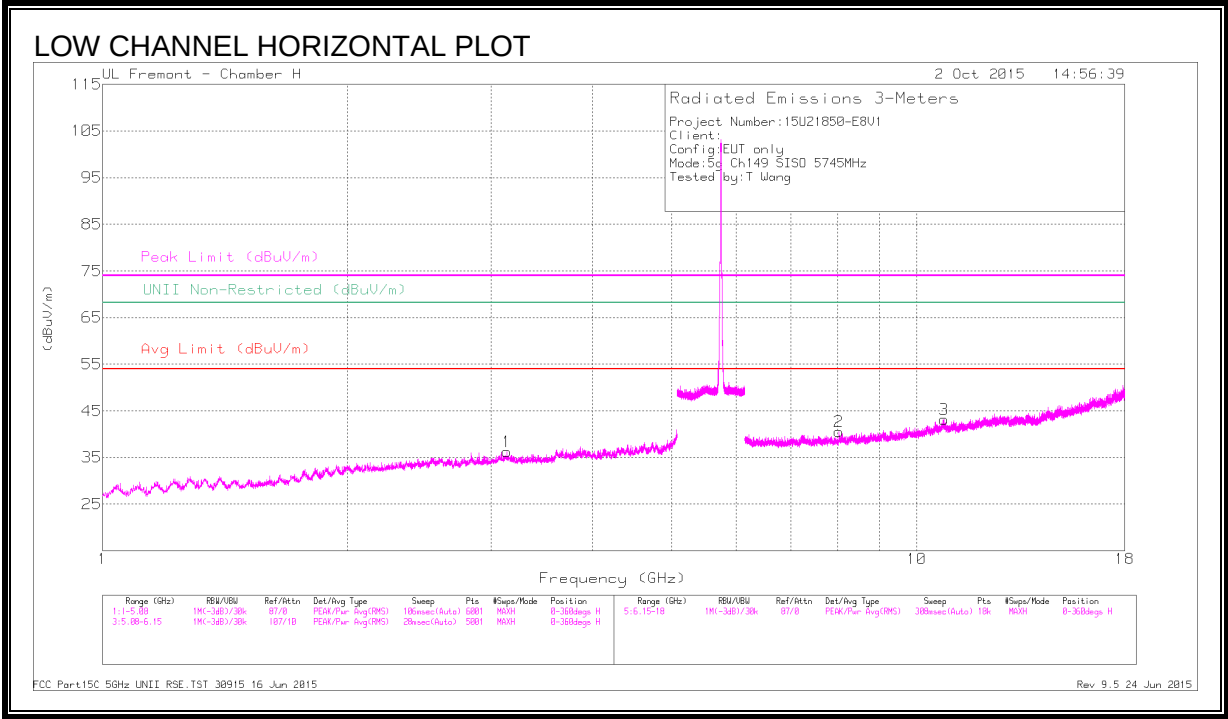


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.74	Pk	34.9	-17.7	11.8	-35.74	-17	-18.74	228	235	V
2	5.913	-65.02	Pk	35.1	-17.4	11.8	-35.52	-27	-8.52	228	235	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

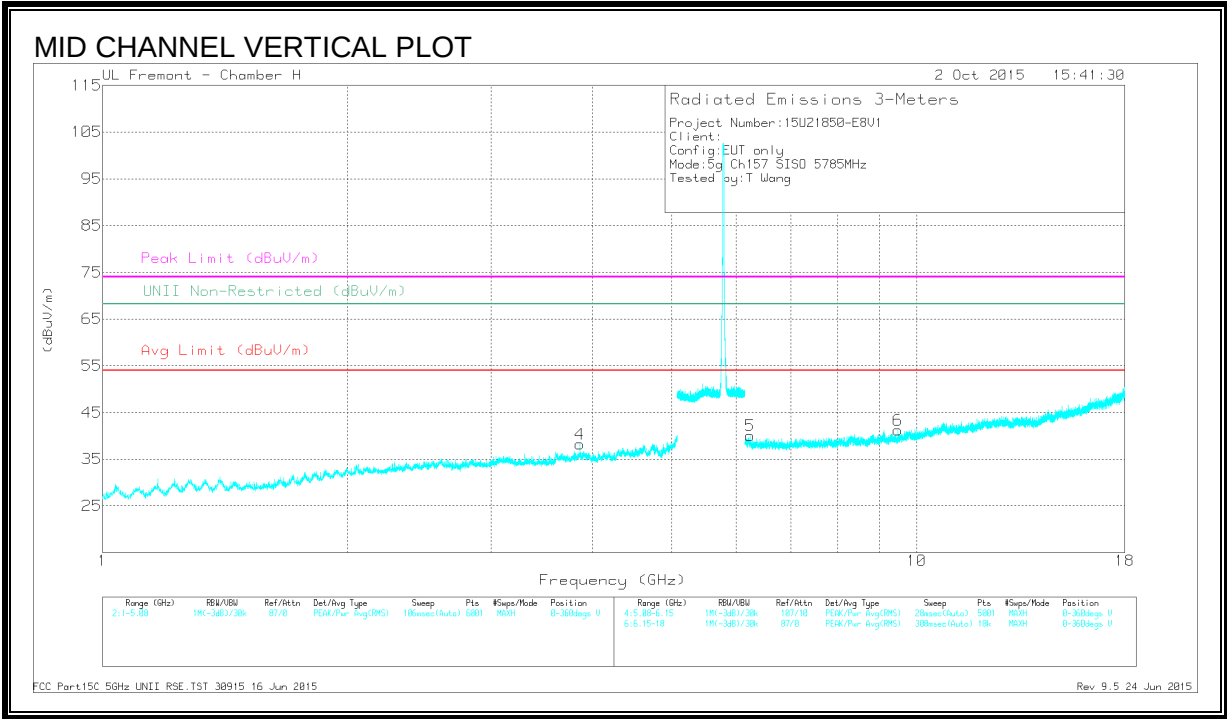
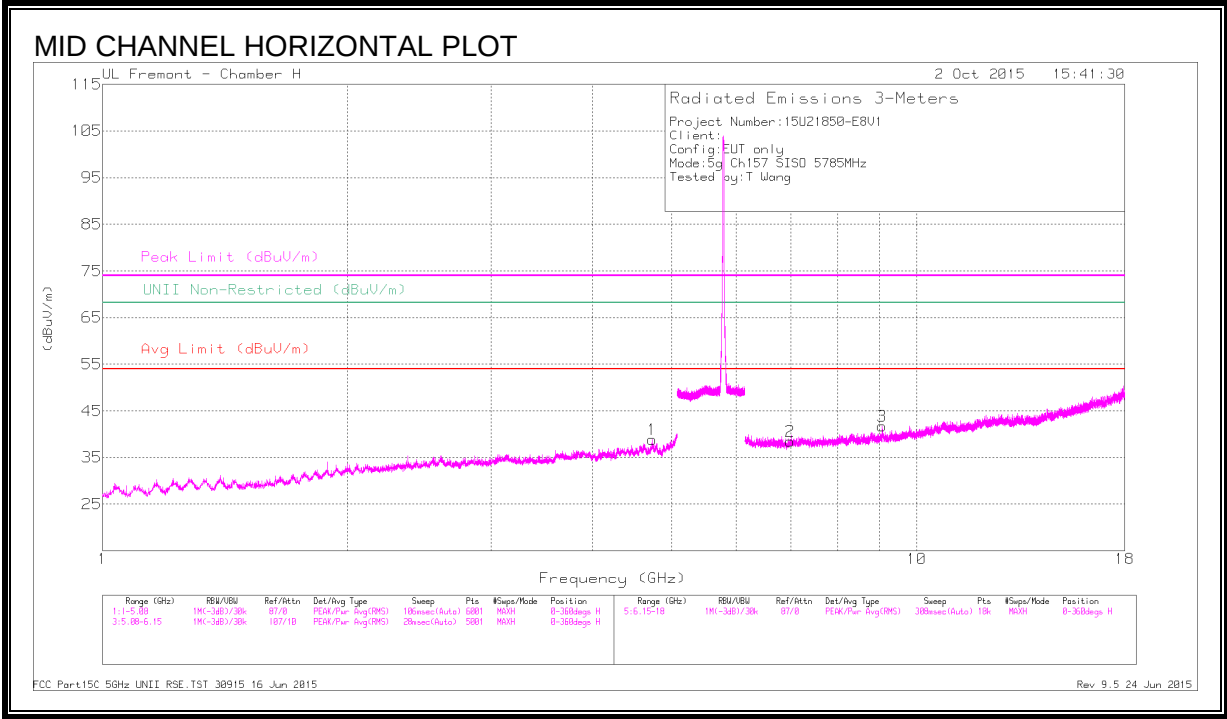
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb1/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.14	41.71	PK-U	32.9	-31.5	43.11	-	-	-	-	68.2	-25.09	73	154	H
2	8.025	39.33	PK-U	35.9	-27.6	47.63	-	-	-	-	68.2	-20.57	68	169	H
3	* 10.808	35.26	PK-U	37.9	-24.2	48.96	-	-	74	-25.04	-	-	60	166	H
	* 10.808	23.86	ADR	37.9	-24.2	37.56	54	-16.44	-	-	-	-	60	166	H
4	* 3.619	42.66	PK-U	33.1	-31.5	44.26	-	-	74	-29.74	-	-	113	109	V
	* 3.619	30.19	ADR	33.1	-31.5	31.79	54	-22.21	-	-	-	-	113	109	V
5	* 8.042	38.04	PK-U	35.9	-27.4	46.54	-	-	74	-27.46	-	-	284	244	V
	* 8.041	26.53	ADR	35.9	-27.4	35.03	54	-18.97	-	-	-	-	284	244	V
6	9.79	37.1	PK-U	36.8	-25.2	48.7	-	-	-	-	68.2	-19.5	272	251	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



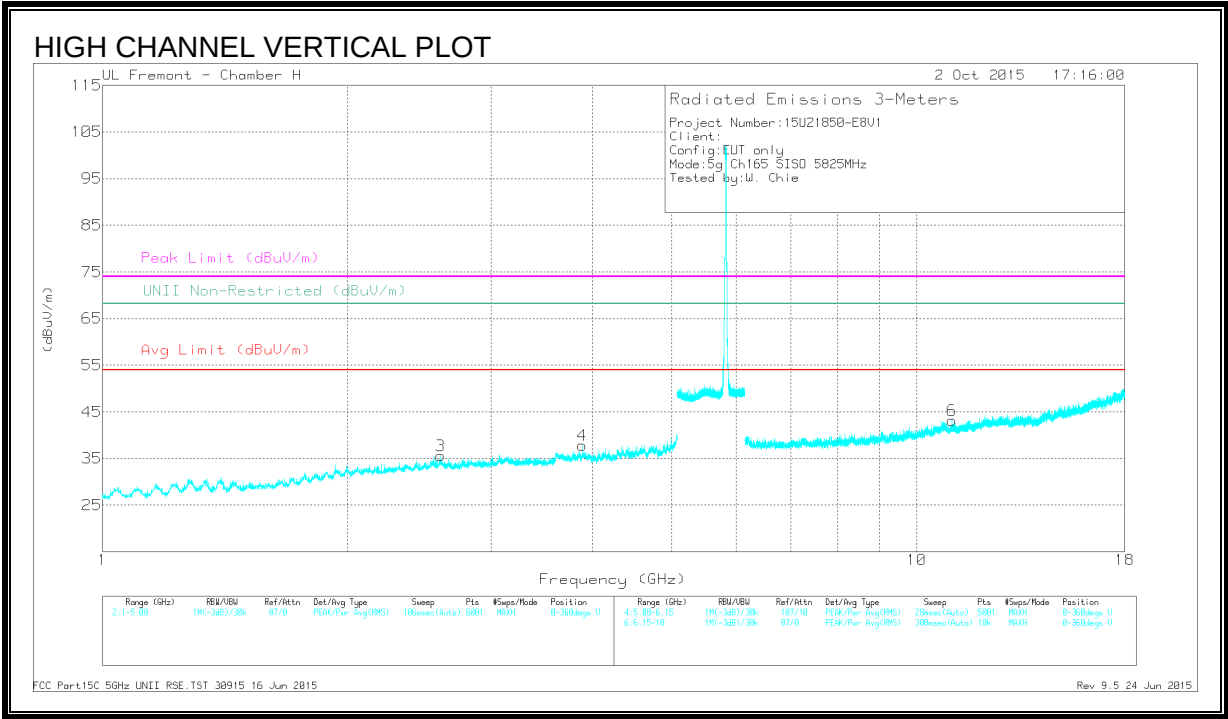
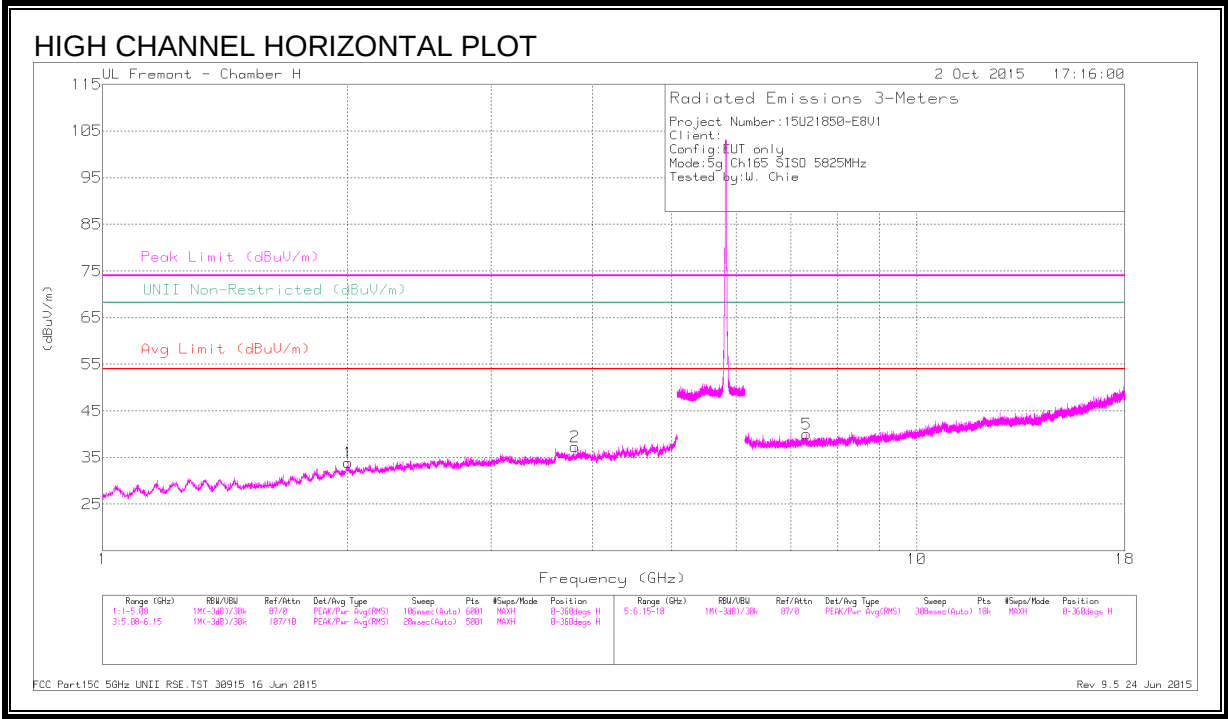
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.735	41.04	PK-U	34.2	-30.2	45.04	-	-	74	-28.96	-	-	317	393	H
	* 4.734	29.34	ADR	34.2	-30.2	33.34	54	-20.66	-	-	-	-	317	393	H
2	6.99	39.51	PK-U	35.8	-29.2	46.11	-	-	-	-	68.2	-22.09	112	167	H
3	* 9.066	37.88	PK-U	36.2	-26.1	47.98	-	-	74	-26.02	-	-	108	150	H
	* 9.064	25.65	ADR	36.2	-26.2	35.65	54	-18.35	-	-	-	-	108	150	H
4	* 3.857	43.6	PK-U	33.5	-31.6	45.5	-	-	74	-28.5	-	-	92	115	V
	* 3.857	34.44	ADR	33.5	-31.6	36.34	54	-17.66	-	-	-	-	92	115	V
5	6.244	40.7	PK-U	35.5	-30.2	46	-	-	-	-	68.2	-22.2	245	311	V
6	* 9.481	36.89	PK-U	36.5	-26.5	46.89	-	-	74	-27.11	-	-	268	302	V
	* 9.483	25.36	ADR	36.6	-26.5	35.46	54	-18.54	-	-	-	-	268	302	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (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	* 3.801	42.26	PK-U	33.4	-31.7	43.96	-	-	74	-30.04	-	-	43	173	H
	* 3.802	30.11	ADR	33.4	-31.7	31.81	54	-22.19	-	-	-	-	43	173	H
4	* 3.883	43.86	PK-U	33.6	-31.8	45.66	-	-	74	-28.34	-	-	277	114	V
	* 3.883	34.89	ADR	33.6	-31.8	36.69	54	-17.31	-	-	-	-	277	114	V
5	* 7.32	39	PK-U	36	-29.1	45.9	-	-	74	-28.1	-	-	191	351	H
	* 7.323	27.52	ADR	36	-29.1	34.42	54	-19.58	-	-	-	-	191	351	H
6	* 11.042	36.55	PK-U	37.8	-24.5	49.85	-	-	74	-24.15	-	-	212	176	V
	* 11.041	24.35	ADR	37.8	-24.5	37.65	54	-16.35	-	-	-	-	212	176	V
1	2.003	42.84	PK-U	31.2	-33.5	40.54	-	-	-	-	68.2	-27.66	302	113	H
3	2.601	42.51	PK-U	32.6	-32.2	42.91	-	-	-	-	68.2	-25.29	85	196	V

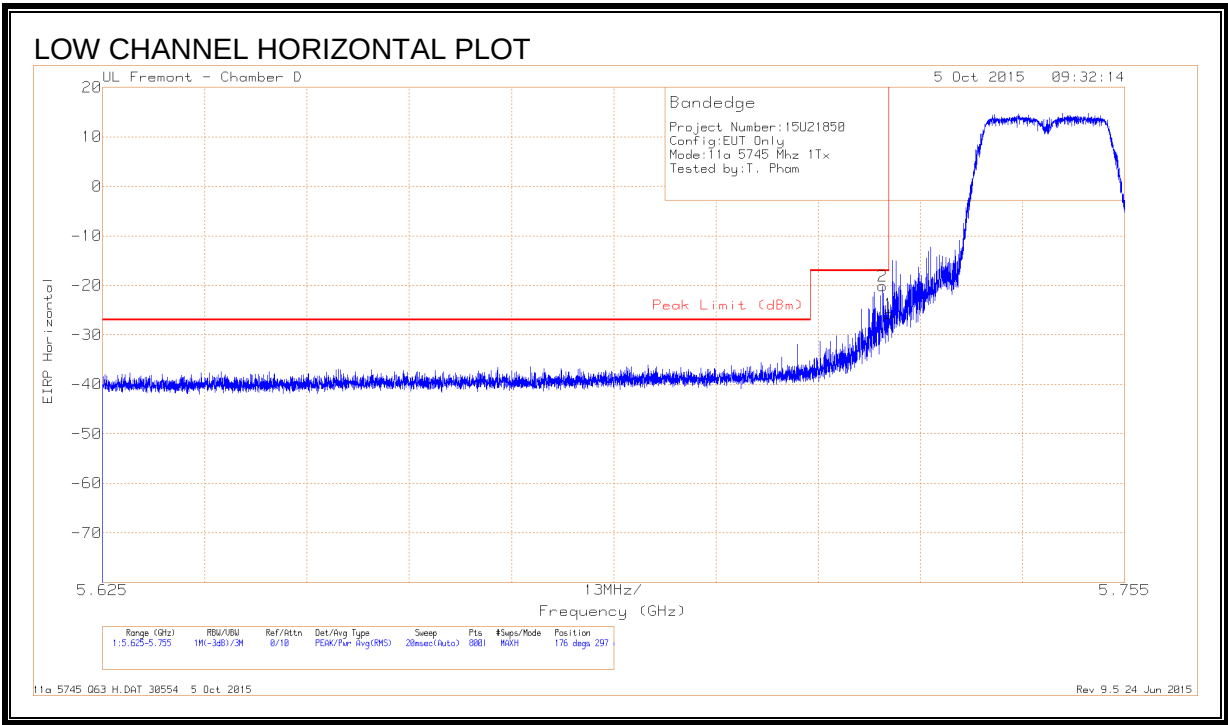
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2. MODEL: A1622: 802.11a MODE IN THE 5.8 GHz BAND

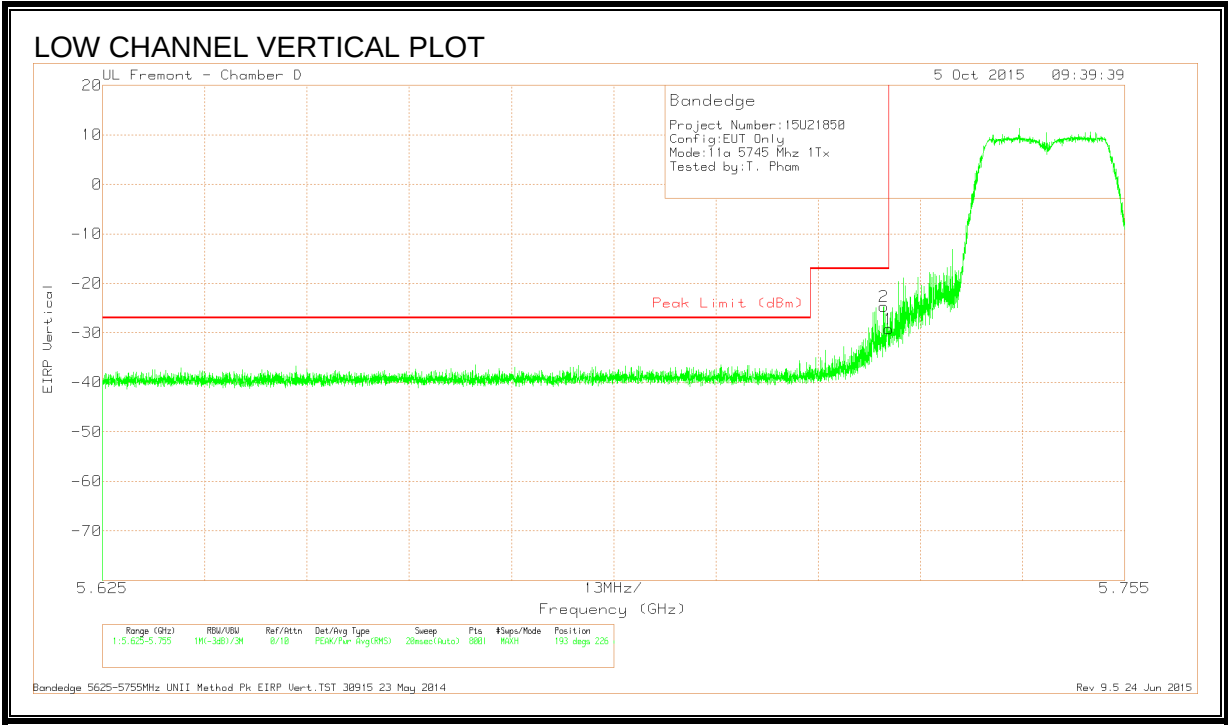
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-48.98	Pk	34.6	-17.6	11.8	-20.18	-17	-3.18	176	297	H
1	5.725	-54.56	Pk	34.6	-17.6	11.8	-25.76	-17	-8.76	176	297	H

Pk - Peak detector

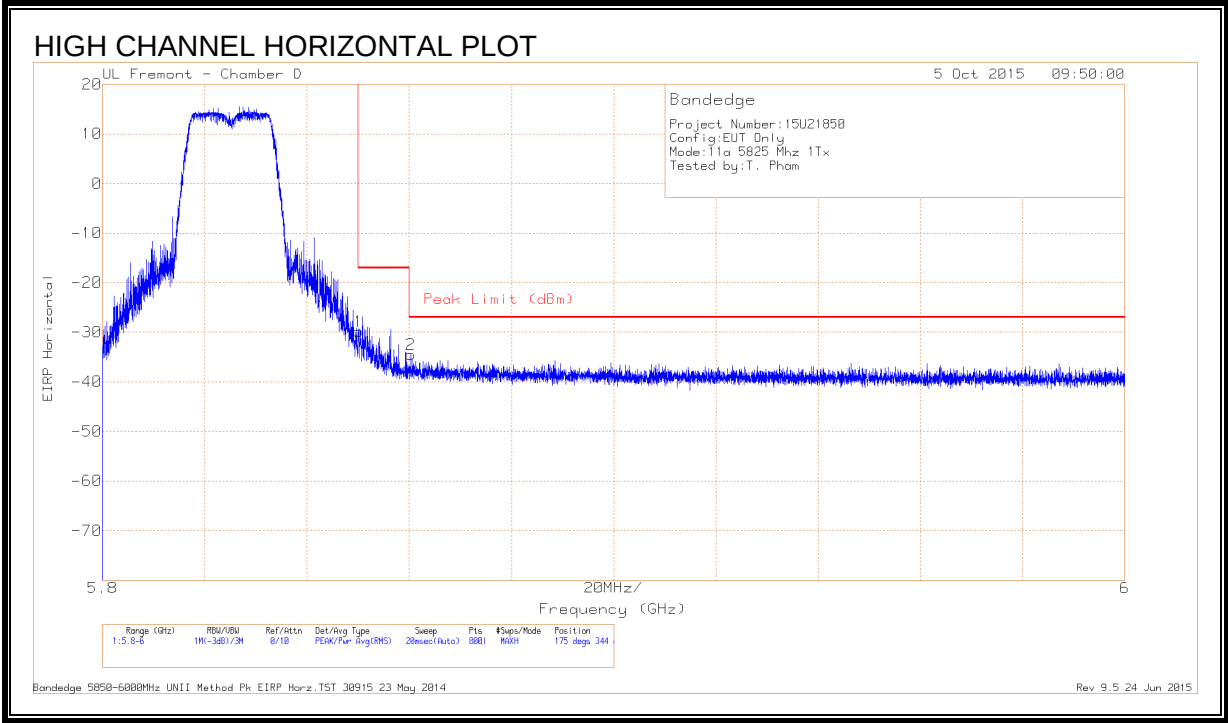


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-53.46	Pk	34.6	-17.6	11.8	-24.66	-17	-7.66	193	226	V
1	5.725	-58.06	Pk	34.6	-17.6	11.8	-29.26	-17	-12.26	193	226	V

Pk - Peak detector

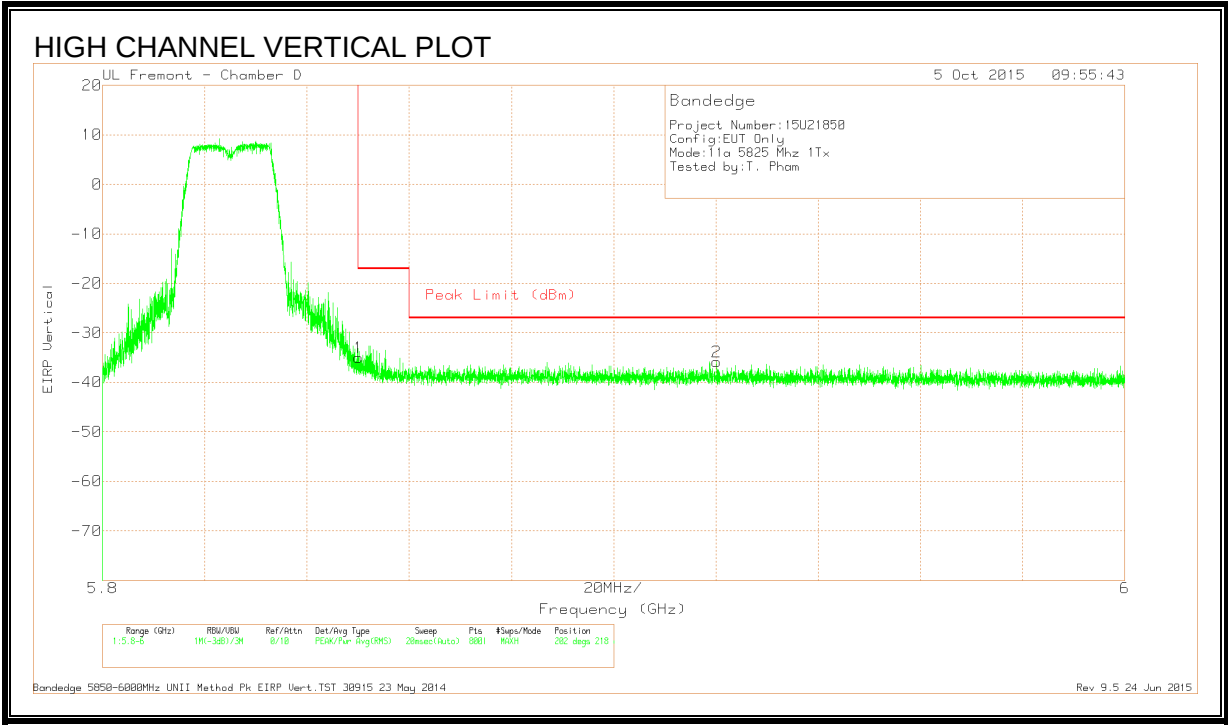
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F Itr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.82	Pk	34.9	-17.7	11.8	-29.82	-17	-12.82	175	344	H
2	5.86	-63.7	Pk	35	-17.6	11.8	-34.5	-27	-7.5	175	344	H

Pk - Peak detector

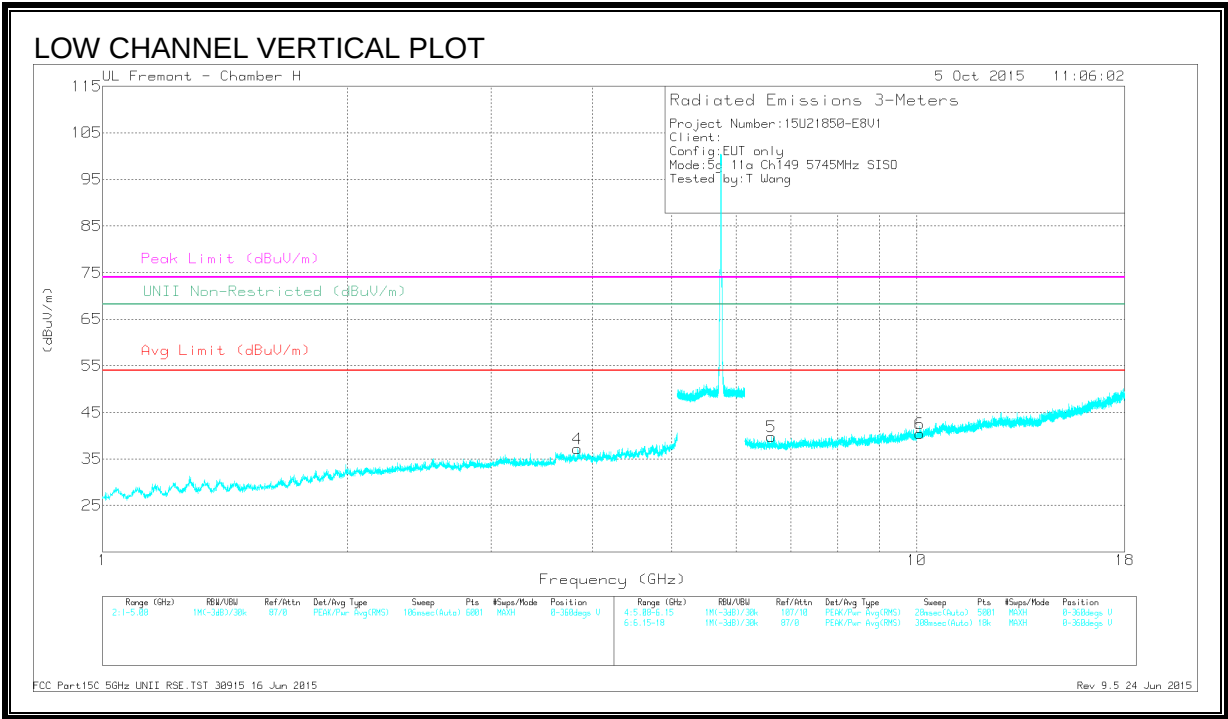
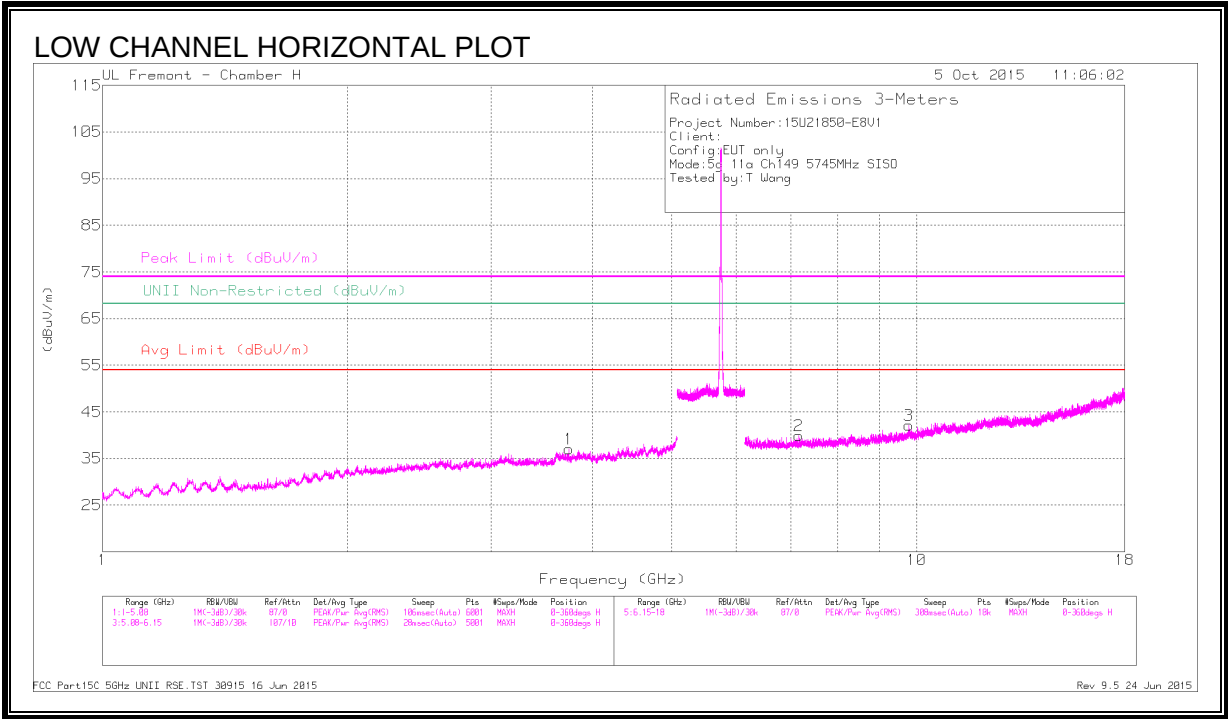


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.04	Pk	34.9	-17.7	11.8	-35.04	-17	-18.04	202	218	V
2	5.92	-65.47	Pk	35.1	-17.3	11.8	-35.87	-27	-8.87	202	218	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

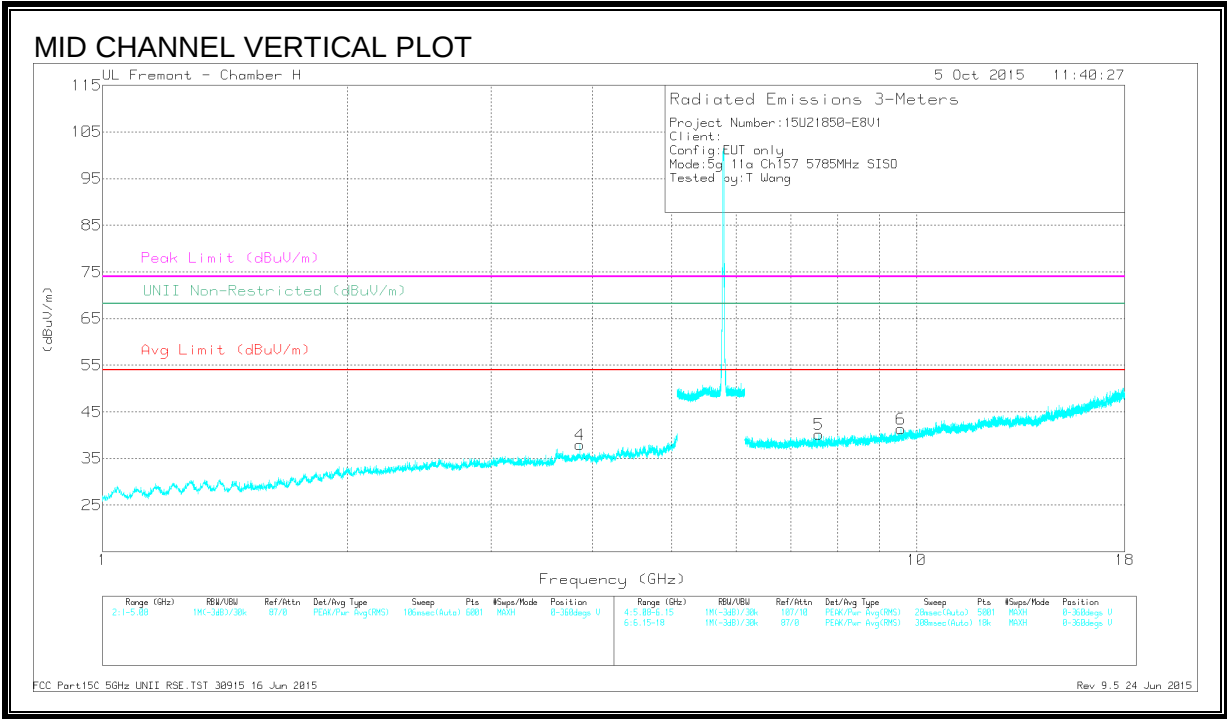
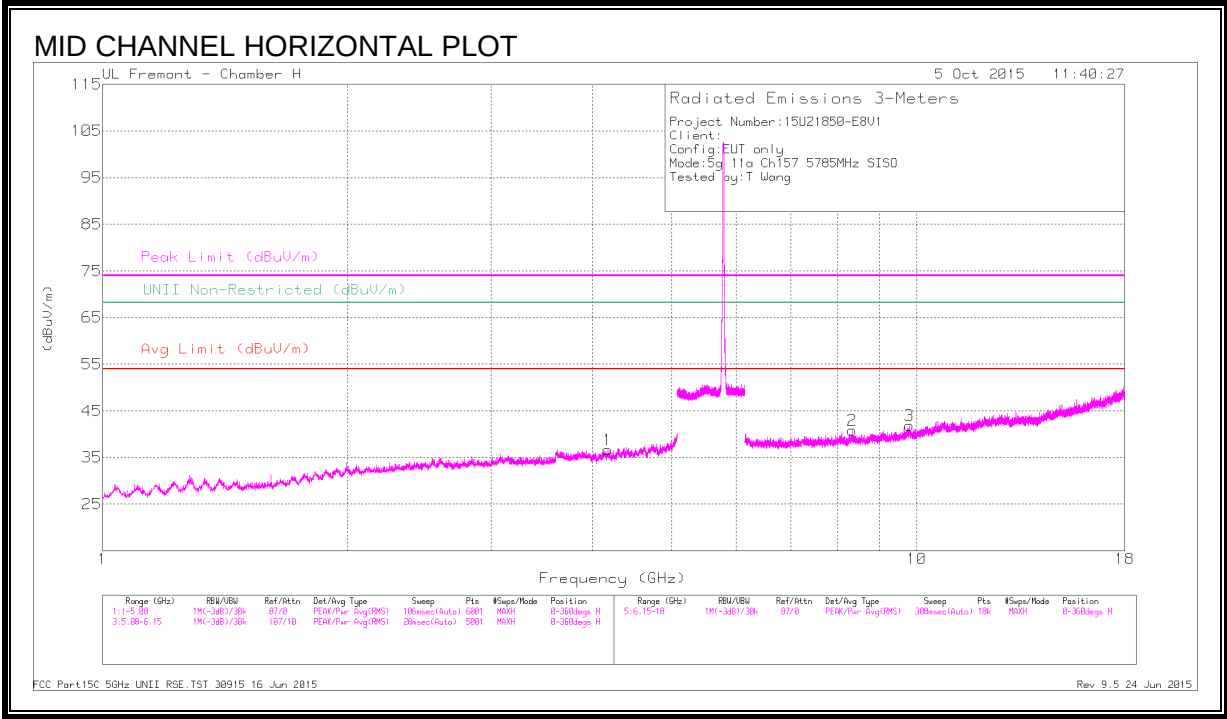
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.739	42.14	PK-U	33.3	-31.8	43.64	-	-	74	-30.36	-	-	71	369	H
	* 3.738	30.57	ADR	33.3	-31.8	32.07	54	-21.93	-	-	-	-	71	369	H
2	7.158	40.17	PK-U	35.8	-29.7	46.27	-	-	-	-	68.2	-21.93	78	354	H
3	9.779	36.92	PK-U	36.8	-25.2	48.52	-	-	-	-	68.2	-19.68	92	370	H
4	* 3.83	43.21	PK-U	33.5	-31.6	45.11	-	-	74	-28.89	-	-	297	138	V
	* 3.83	33.35	ADR	33.5	-31.6	35.25	54	-18.75	-	-	-	-	297	138	V
5	6.627	40.09	PK-U	35.8	-29.5	46.39	-	-	-	-	68.2	-21.81	285	134	V
6	10.087	36.43	PK-U	37	-25.5	47.93	-	-	-	-	68.2	-20.27	292	141	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS



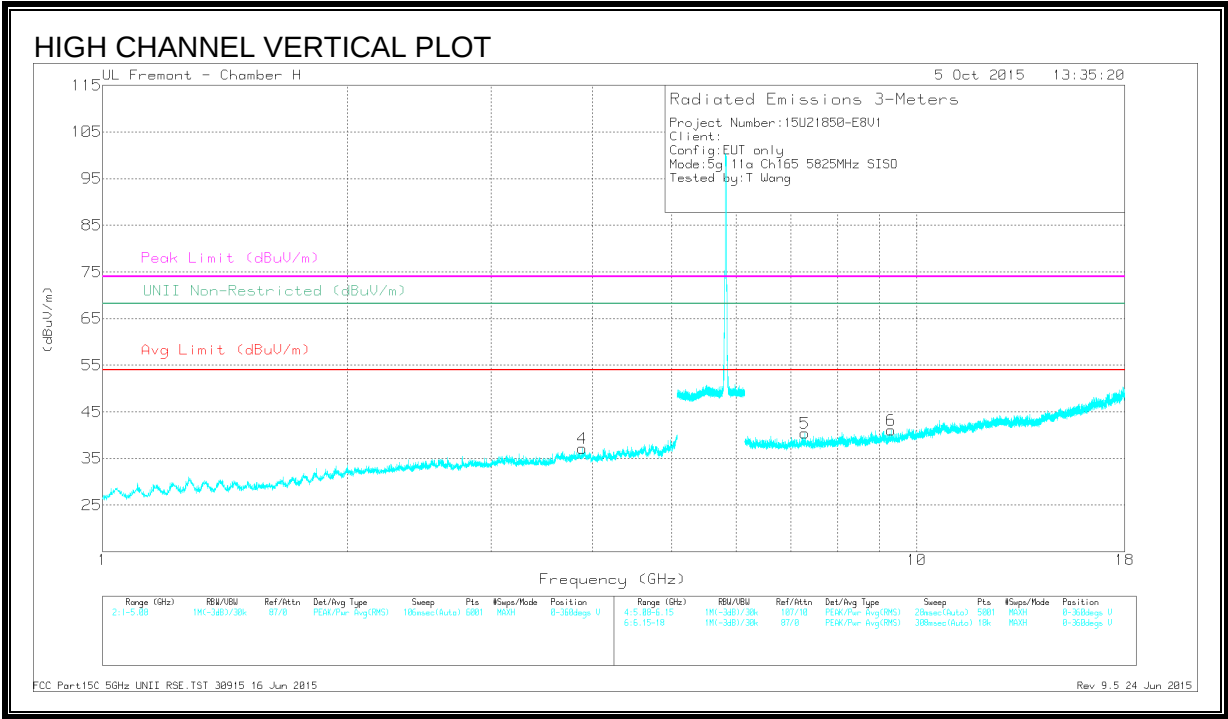
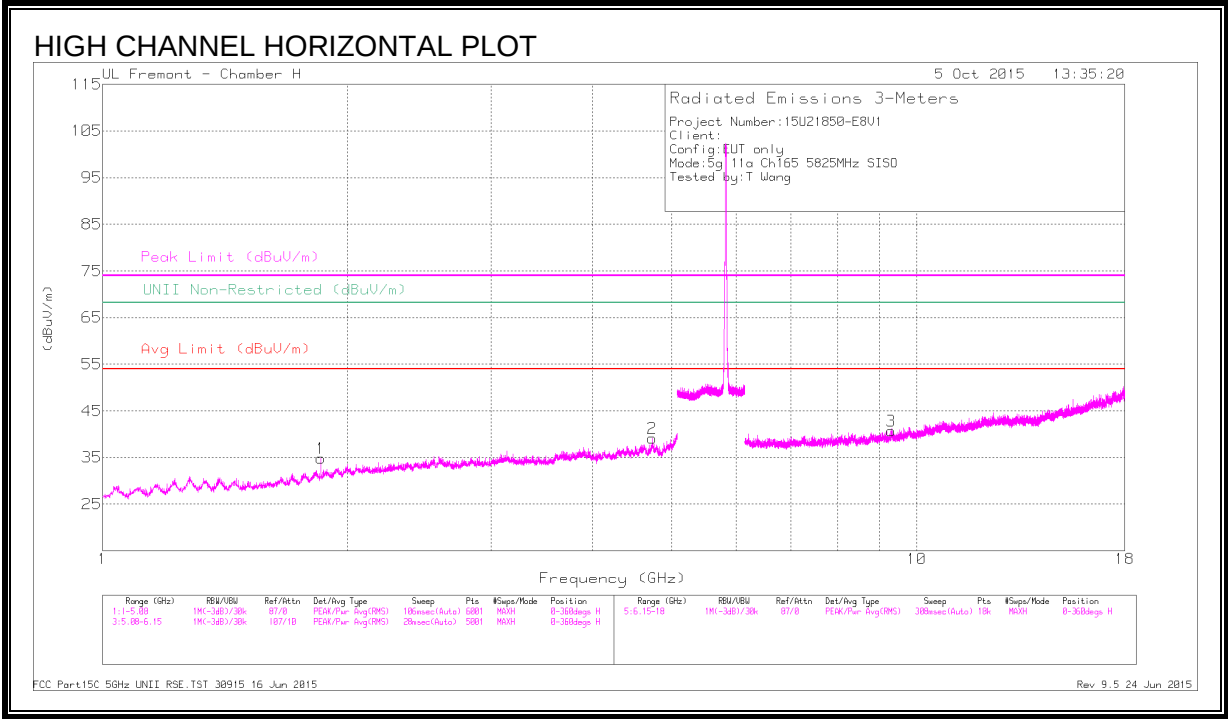
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.176	41.41	PK-U	33.4	-31.2	43.61	-	-	74	-30.39	-	-	148	156	H
	* 4.177	29.93	ADR	33.4	-31.2	32.13	54	-21.87	-	-	-	-	148	156	H
2	* 8.325	38.04	PK-U	35.9	-26.3	47.64	-	-	74	-26.36	-	-	287	118	H
	* 8.328	25.86	ADR	35.9	-26.3	35.46	54	-18.54	-	-	-	-	287	118	H
3	9.784	36.43	PK-U	36.8	-25.1	48.13	-	-	-	-	68.2	-20.07	291	123	H
4	* 3.856	42.89	PK-U	33.5	-31.6	44.79	-	-	74	-29.21	-	-	311	142	V
	* 3.857	32.44	ADR	33.5	-31.6	34.34	54	-19.66	-	-	-	-	311	142	V
5	* 7.579	38.63	PK-U	36	-28.3	46.33	-	-	74	-27.67	-	-	325	138	V
	* 7.578	27.55	ADR	36	-28.3	35.25	54	-18.75	-	-	-	-	325	138	V
6	9.551	36.58	PK-U	36.6	-25.8	47.38	-	-	-	-	68.2	-20.82	319	147	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /Ftr/Pad (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	1.856	42.61	PK-U	30.6	-34	39.21	-	-	-	-	68.2	-28.99	143	275	H
2	* 4.732	41.4	PK-U	34.2	-30.3	45.3	-	-	74	-28.7	-	-	151	289	H
	* 4.734	29.23	ADR	34.2	-30.2	33.23	54	-20.77	-	-	-	-	151	289	H
3	* 9.304	37.66	PK-U	36.4	-26	48.06	-	-	74	-25.94	-	-	283	129	H
	* 9.303	25.24	ADR	36.4	-26	35.64	54	-18.36	-	-	-	-	283	129	H
4	* 3.884	43.38	PK-U	33.6	-31.8	45.18	-	-	74	-28.82	-	-	298	142	V
	* 3.883	34.46	ADR	33.6	-31.8	36.26	54	-17.74	-	-	-	-	298	142	V
5	* 7.289	39.77	PK-U	35.9	-28.8	46.87	-	-	74	-27.13	-	-	262	200	V
	* 7.29	27.72	ADR	35.9	-28.9	34.72	54	-19.28	-	-	-	-	262	200	V
6	* 9.309	37.38	PK-U	36.4	-26	47.78	-	-	74	-26.22	-	-	273	212	V
	* 9.305	25.87	ADR	36.4	-26	36.27	54	-17.73	-	-	-	-	273	212	V

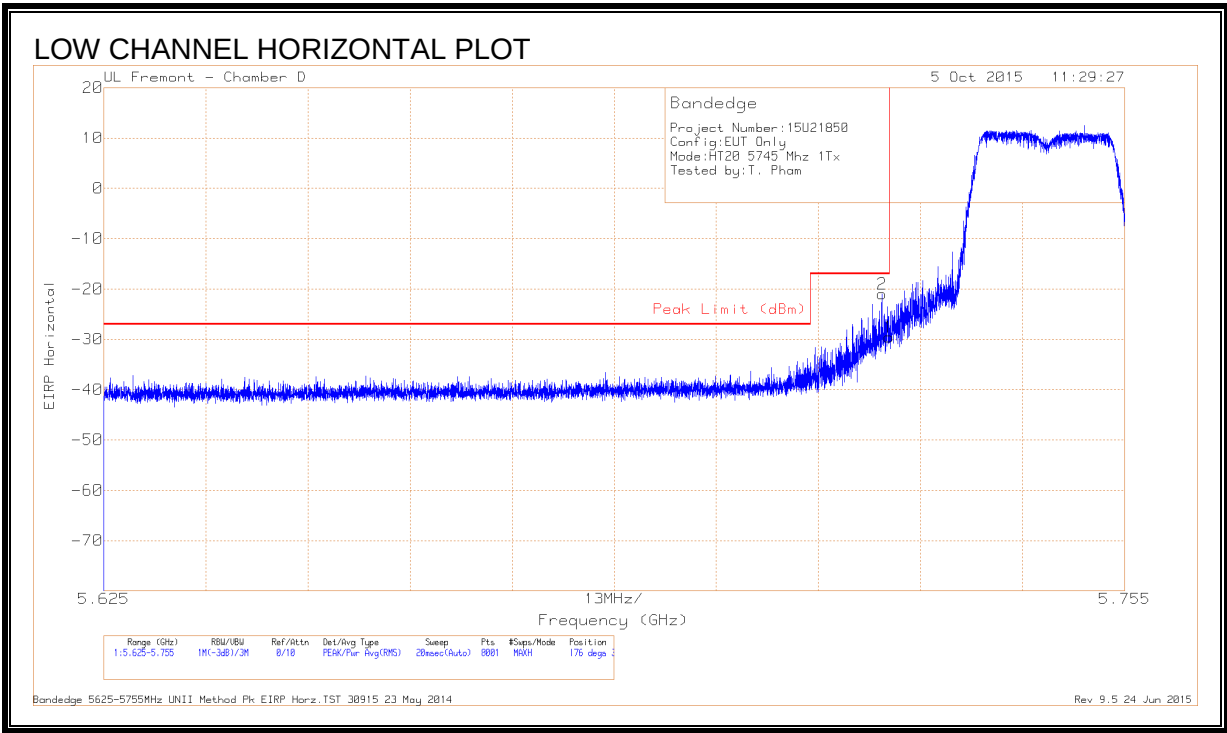
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.3. MODEL: A1623: 802.11n HT20 MODE IN THE 5.8 GHz BAND

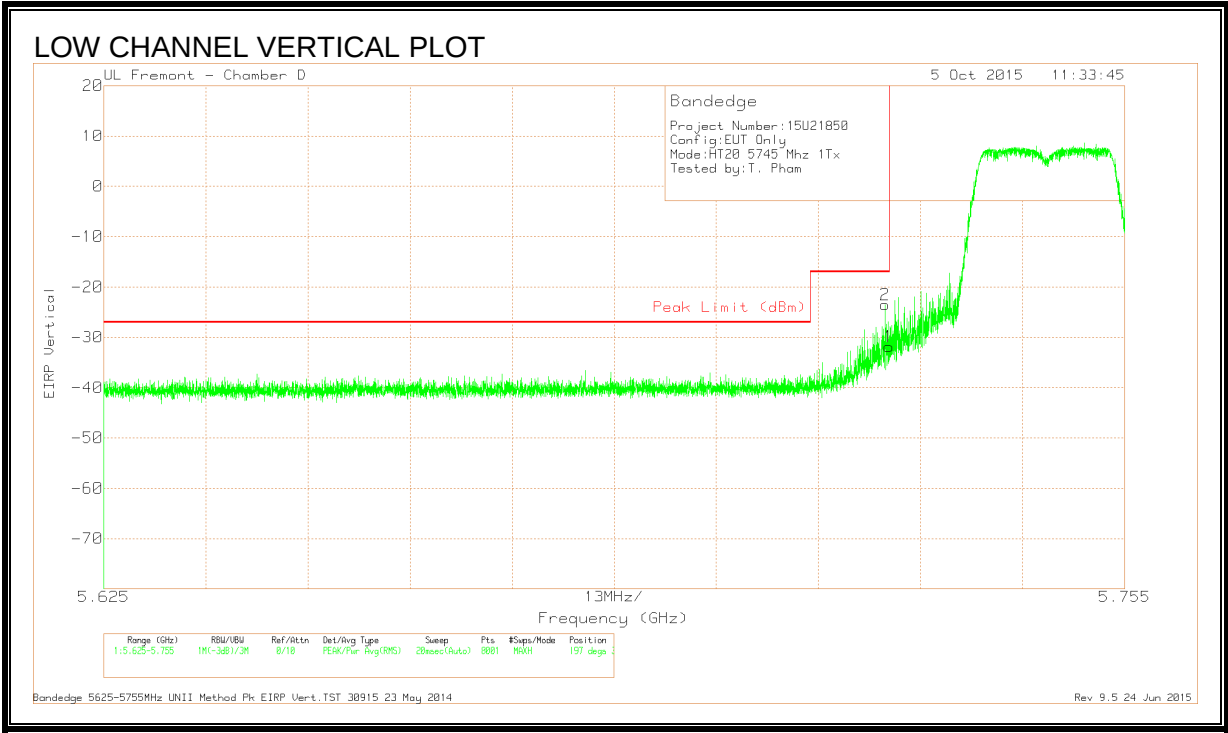
RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-49.78	Pk	34.6	-17.6	11.8	-20.98	-17	-3.98	176	359	H
1	5.725	-58.33	Pk	34.6	-17.6	11.8	-29.53	-17	-12.53	176	359	H

Pk - Peak detector

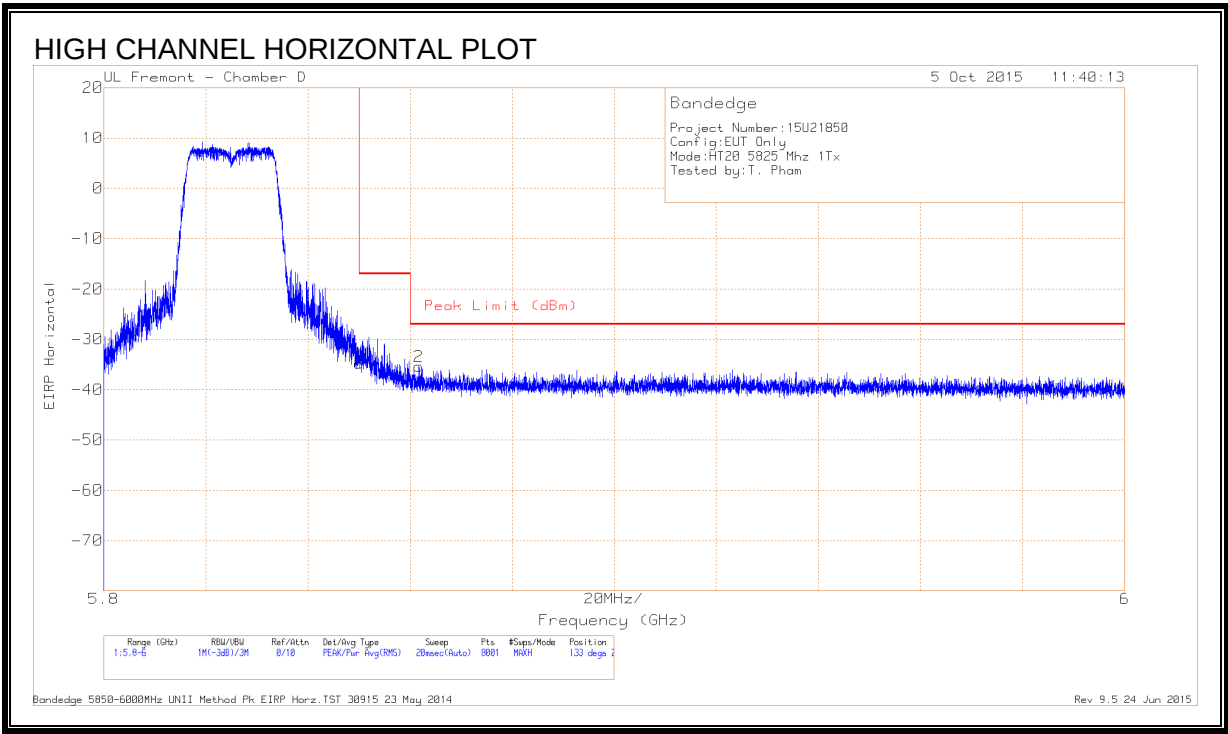


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.64	Pk	34.6	-17.6	11.8	-31.84	-17	-14.84	197	321	V
2	5.725	-52.29	Pk	34.6	-17.6	11.8	-23.49	-17	-6.49	197	321	V

Pk - Peak detector

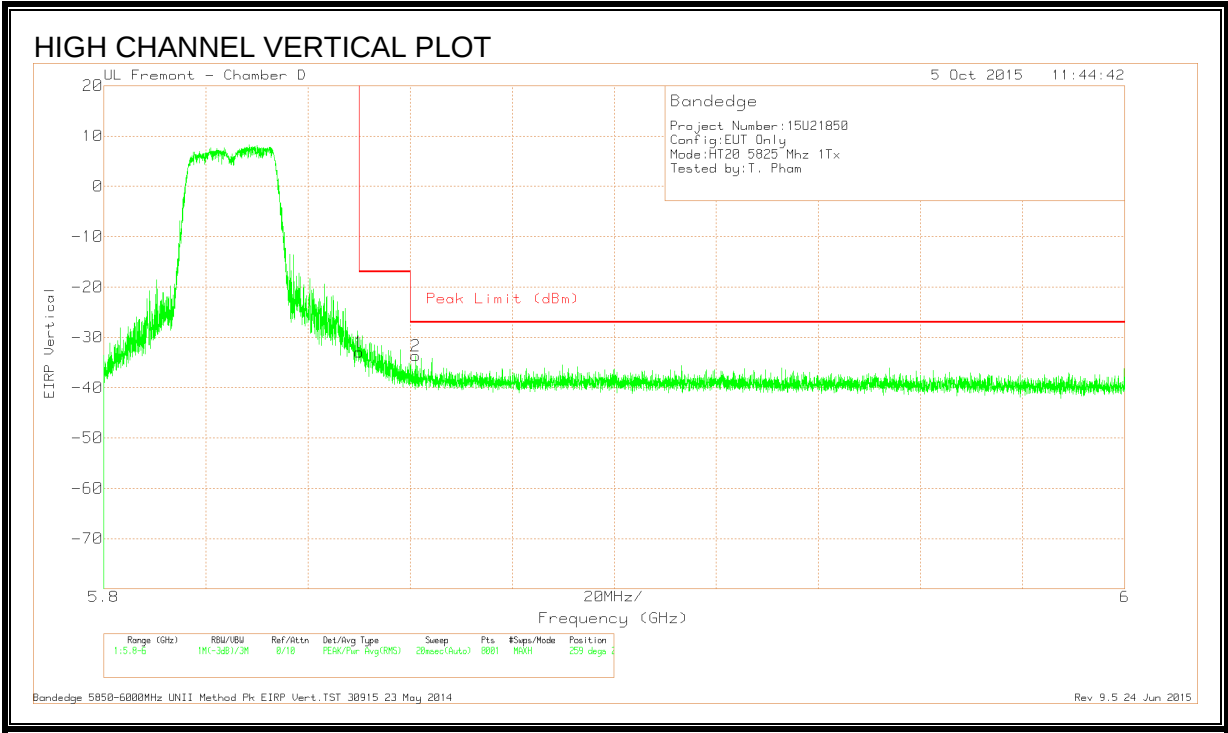
RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.71	Pk	34.9	-17.7	11.8	-34.71	-17	-17.71	133	270	H
2	5.862	-64.57	Pk	35	-17.6	11.8	-35.37	-27	-8.37	133	270	H

Pk - Peak detector

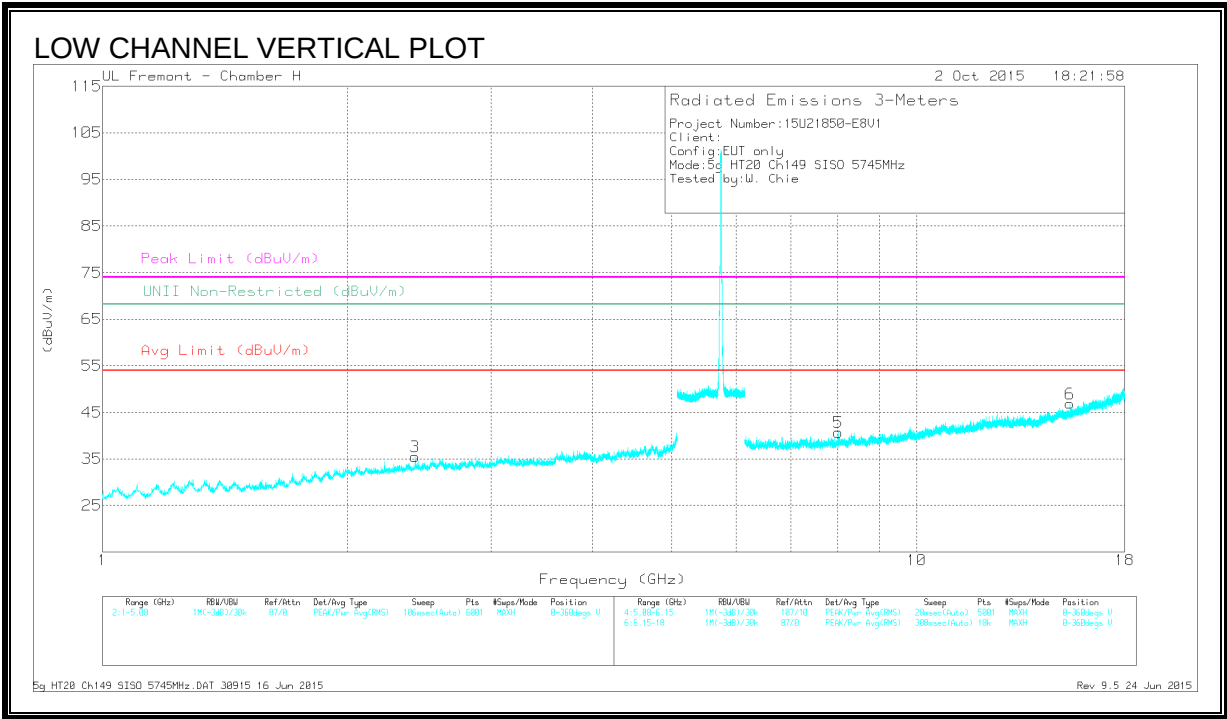
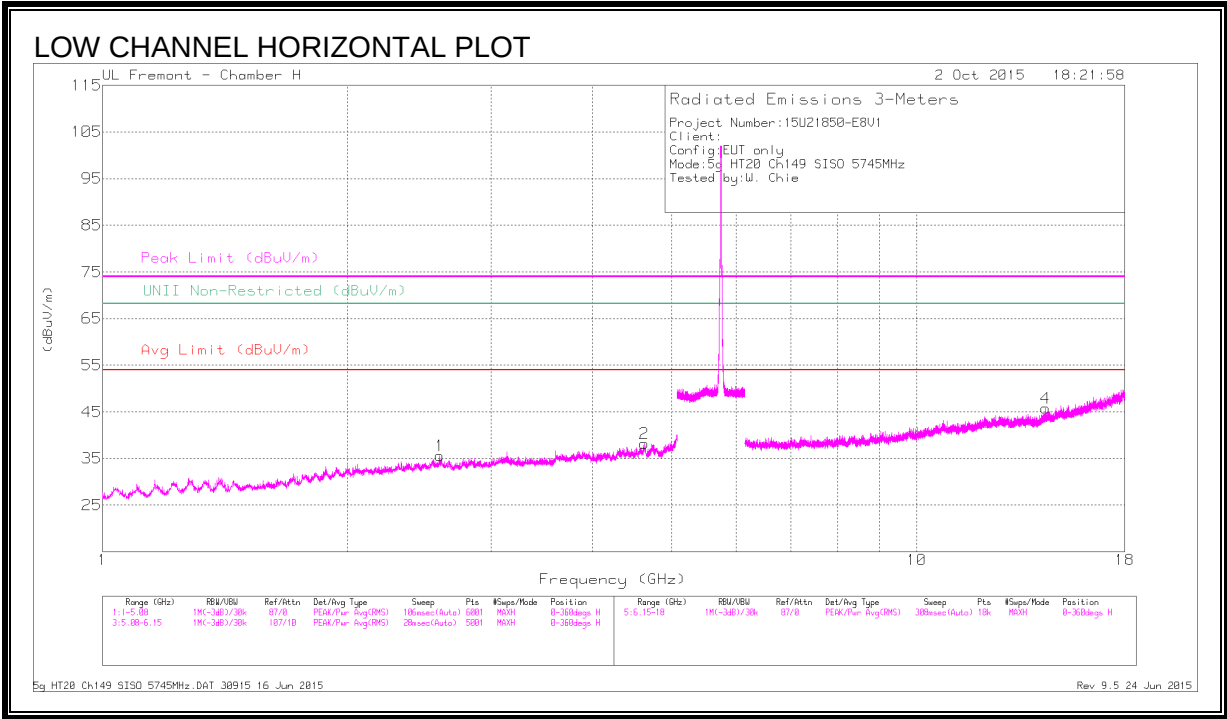


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.99	Pk	34.9	-17.7	11.8	-32.99	-17	-15.99	259	292	V
2	5.861	-62.87	Pk	35	-17.6	11.8	-33.67	-27	-6.67	259	292	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (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	* 4.629	42.77	PK-U	34.1	-30.9	45.97	-	-	74	-28.03	-	-	115	169	H
	* 4.631	30.4	ADR	34.1	-31	33.5	54	-20.5	-	-	-	-	115	169	H
6	* 15.43	36.28	PK-U	40.8	-24.4	52.68	-	-	74	-21.32	-	-	138	215	V
	* 15.429	24.65	ADR	40.8	-24.4	41.05	54	-12.95	-	-	-	-	138	215	V
3	2.421	42.18	PK-U	32.1	-33.1	41.18	-	-	-	-	68.2	-27.02	143	188	V
1	2.597	41.7	PK-U	32.6	-32.2	42.1	-	-	-	-	68.2	-26.1	321	180	H
5	8.012	38.78	PK-U	35.9	-28.1	46.58	-	-	-	-	68.2	-21.62	66	196	V
4	14.402	36.47	PK-U	39.8	-24.9	51.37	-	-	-	-	68.2	-16.83	119	222	H

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

PK-U - U-NII: Maximum Peak

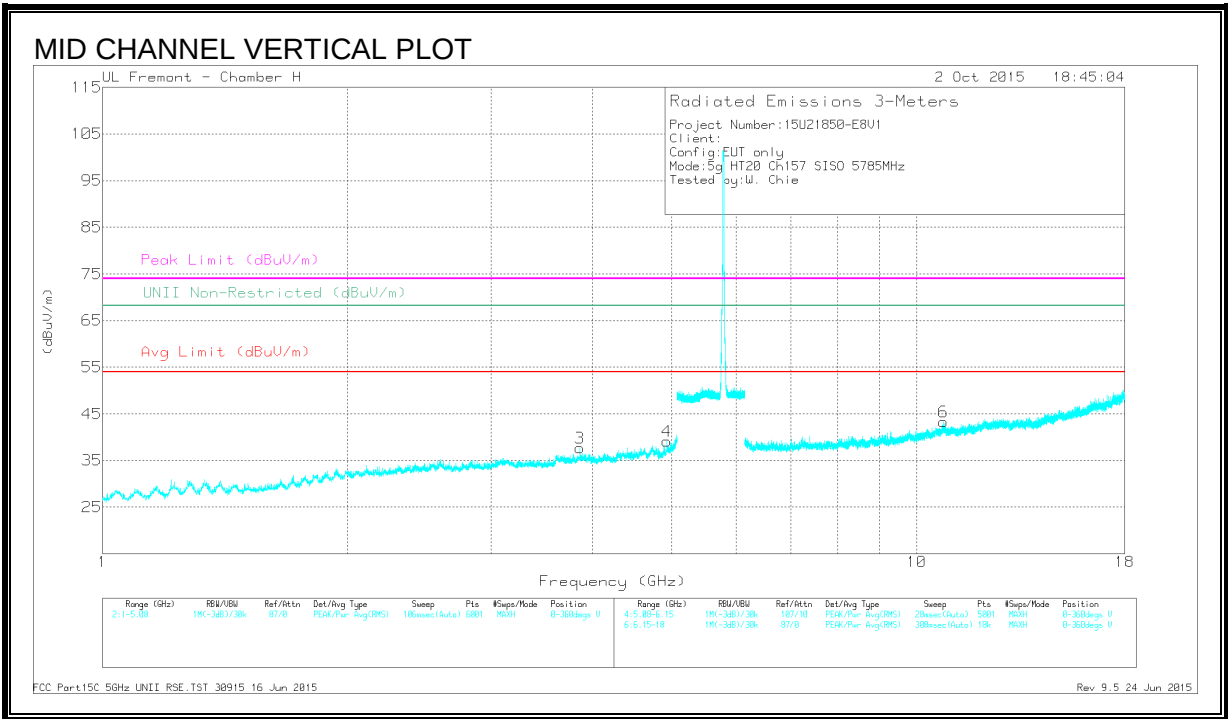
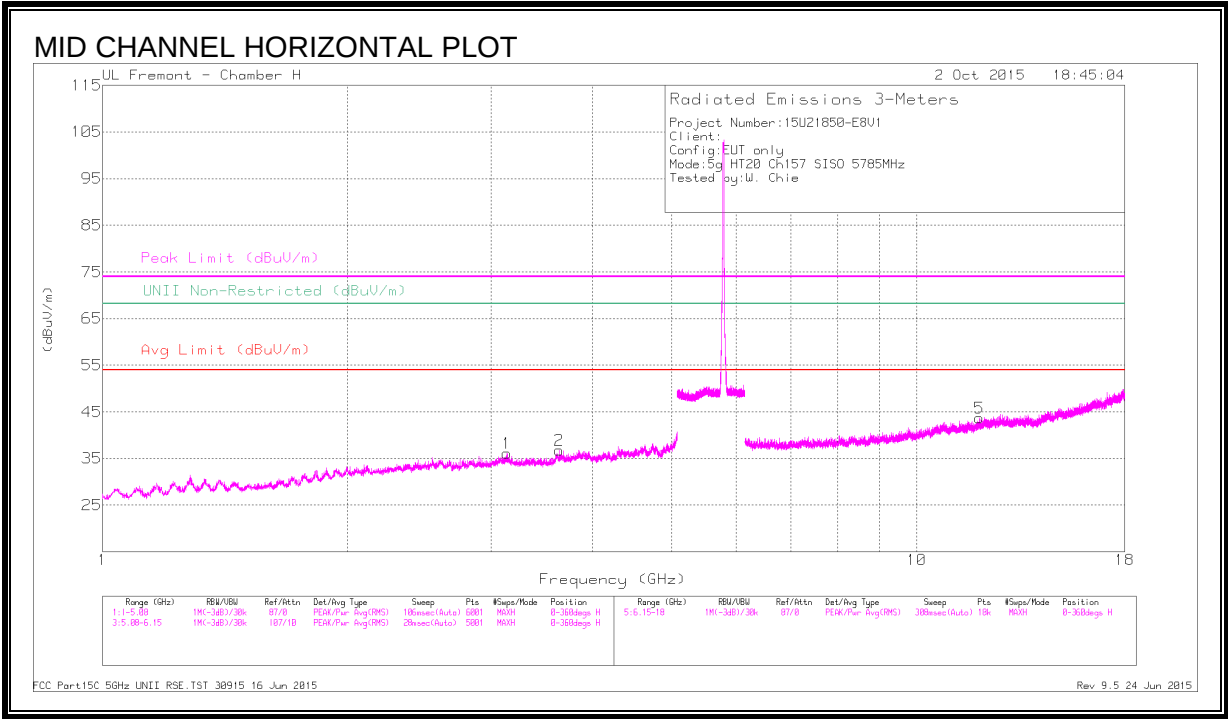
ADR - U-NII AD primary method, RMS average

5g HT20 Ch149 SISO 5745MHz.DAT 30915 16 Jun 2015

Rev 9.5 24 Jun 2015

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

MODEL: A1623



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/FI tr/Pad (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	* 3.641	41.45	PK-U	33.1	-31.4	43.15	-	-	74	-30.85	-	-	173	236	H
	* 3.642	29.66	ADR	33.1	-31.4	31.36	54	-22.64	-	-	-	-	173	236	H
3	* 3.857	43.34	PK-U	33.5	-31.6	45.24	-	-	74	-28.76	-	-	268	110	V
	* 3.857	33.89	ADR	33.5	-31.6	35.79	54	-18.21	-	-	-	-	268	110	V
4	* 4.93	40.89	PK-U	34.2	-29.8	45.29	-	-	74	-28.71	-	-	293	133	V
	* 4.932	28.92	ADR	34.2	-29.8	33.32	54	-20.68	-	-	-	-	293	133	V
5	* 11.936	36.5	PK-U	38.6	-24.4	50.7	-	-	74	-23.3	-	-	24	164	H
	* 11.936	24.24	ADR	38.6	-24.4	38.44	54	-15.56	-	-	-	-	24	164	H
6	* 10.776	35.64	PK-U	37.9	-24.1	49.44	-	-	74	-24.56	-	-	94	127	V
	* 10.777	24.04	ADR	37.9	-24.1	37.84	54	-16.16	-	-	-	-	94	127	V
1	3.141	41.62	PK-U	32.9	-31.5	43.02	-	-	-	-	68.2	-25.18	61	114	H

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

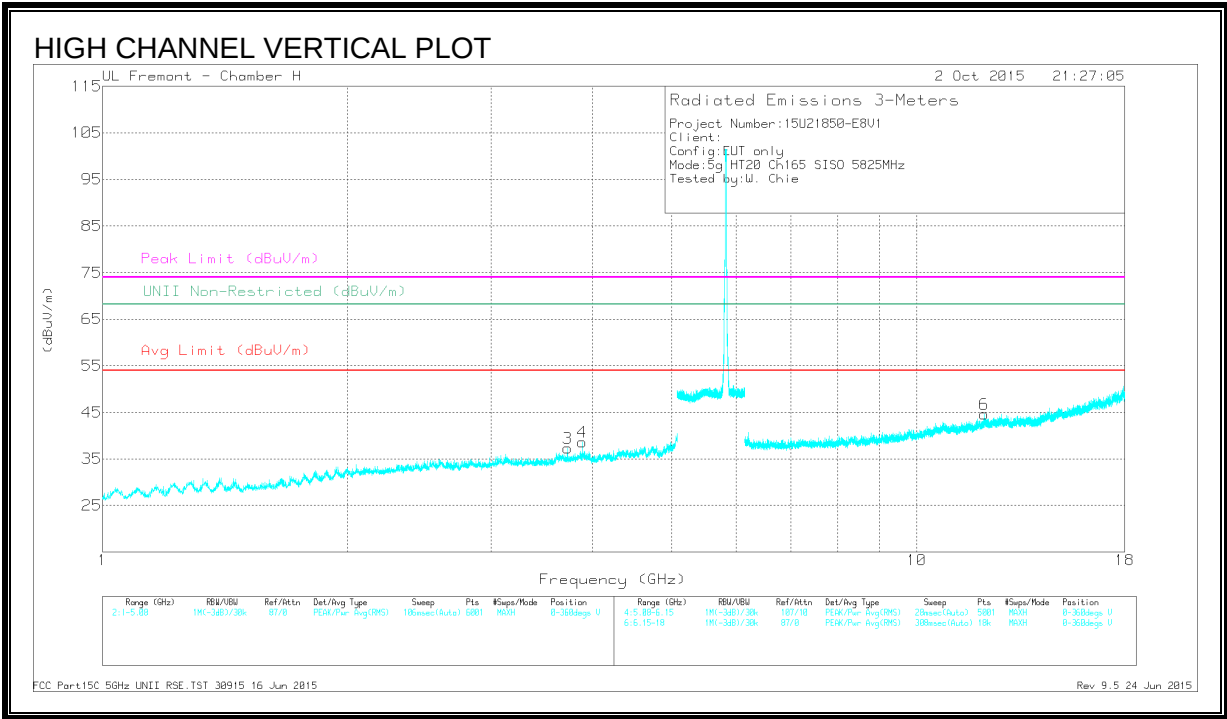
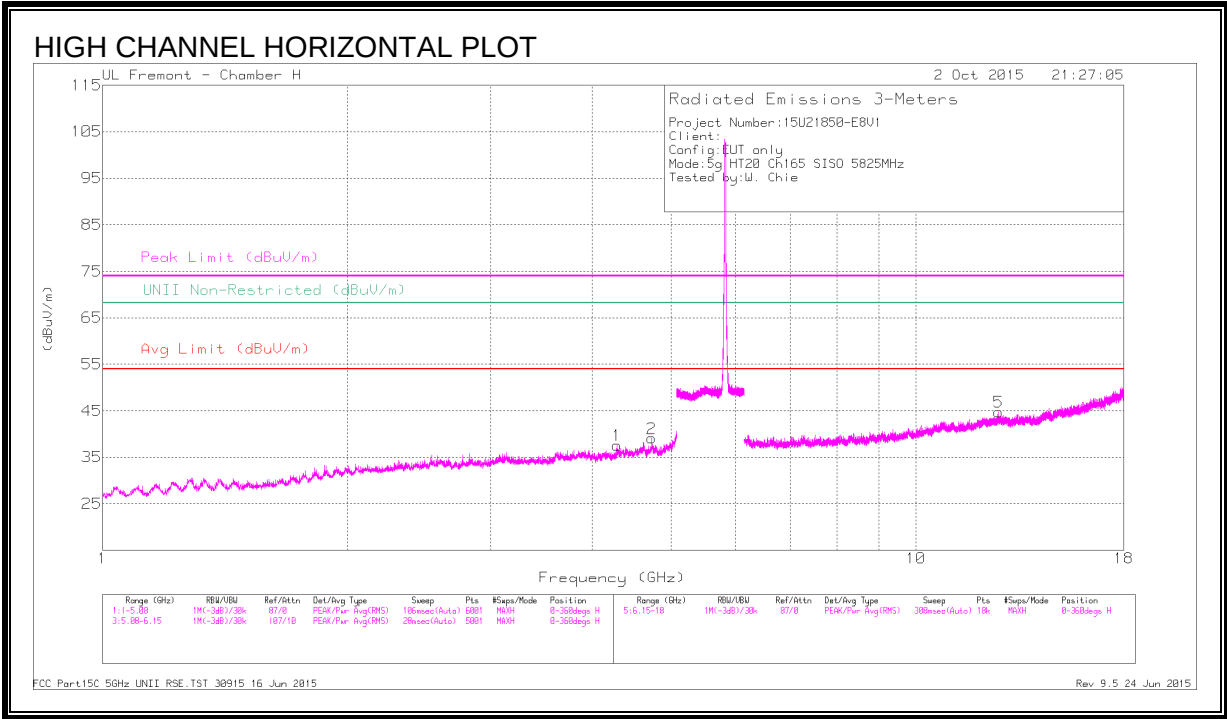
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

Rev 9.5 24 Jun 2015

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.29	41.42	PK-U	33.6	-30.7	44.32	-	-	74	-29.68	-	-	183	365	H
	* 4.29	29.93	ADR	33.6	-30.7	32.83	54	-21.17	-	-	-	-	183	365	H
2	* 4.733	41.21	PK-U	34.2	-30.2	45.21	-	-	74	-28.79	-	-	68	266	H
	* 4.731	29.24	ADR	34.2	-30.3	33.14	54	-20.86	-	-	-	-	68	266	H
3	* 3.728	42.54	PK-U	33.3	-31.7	44.14	-	-	74	-29.86	-	-	287	242	V
	* 3.728	30.55	ADR	33.3	-31.7	32.15	54	-21.85	-	-	-	-	287	242	V
4	* 3.884	43.8	PK-U	33.6	-31.8	45.6	-	-	74	-28.4	-	-	268	100	V
	* 3.883	34.67	ADR	33.6	-31.8	36.47	54	-17.53	-	-	-	-	268	100	V
5	* 12.632	35.94	PK-U	39.4	-24.6	50.74	-	-	74	-23.26	-	-	101	157	H
	* 12.63	24.29	ADR	39.4	-24.6	39.09	54	-14.91	-	-	-	-	101	157	H
6	* 12.102	35.52	PK-U	38.9	-24.1	50.32	-	-	74	-23.68	-	-	86	222	V
	* 12.101	23.98	ADR	38.9	-24.1	38.78	54	-15.22	-	-	-	-	86	222	V

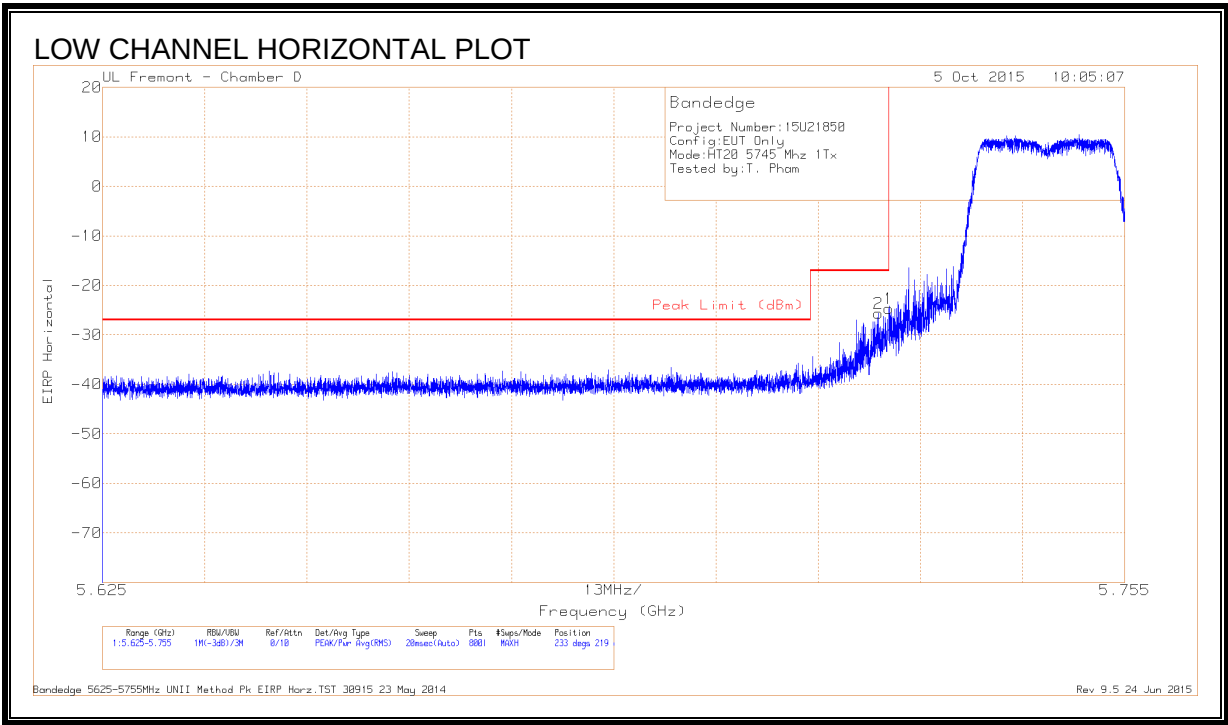
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.4. MODEL: A1622: 802.11n HT20 MODE IN THE 5.8 GHz BAND

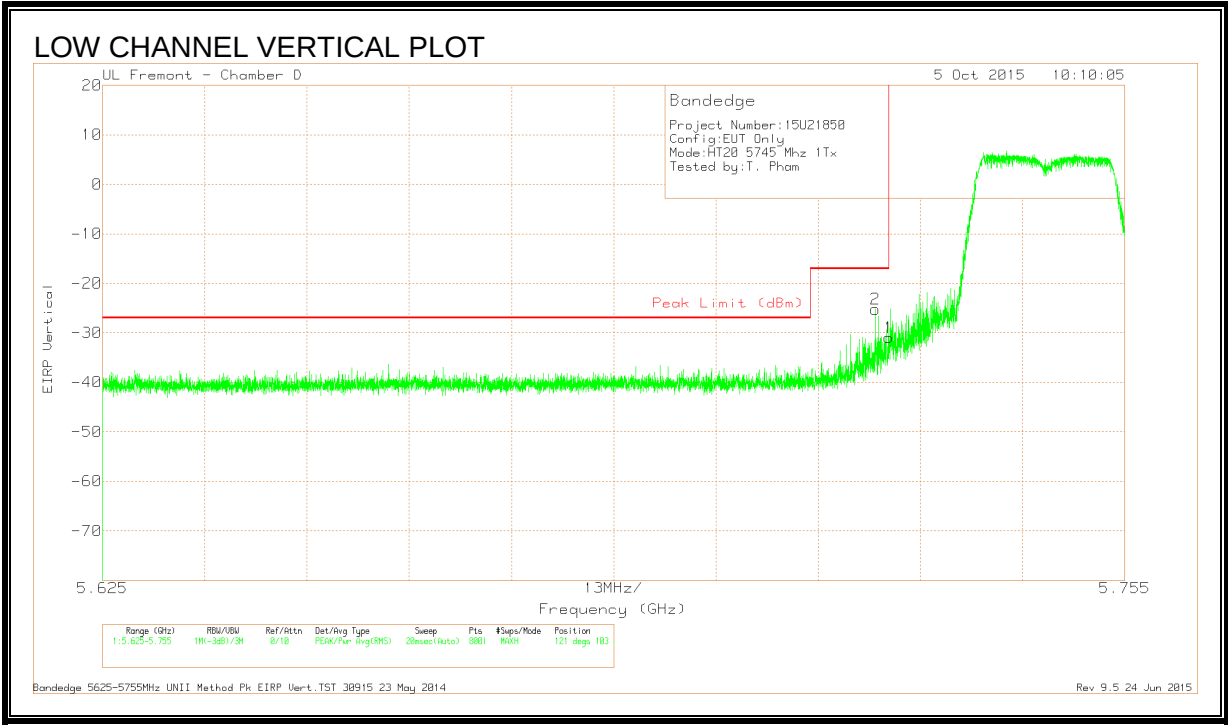
RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-54.44	Pk	34.6	-17.6	11.8	-25.64	-17	-8.64	233	219	H
1	5.725	-53.48	Pk	34.6	-17.6	11.8	-24.68	-17	-7.68	233	219	H

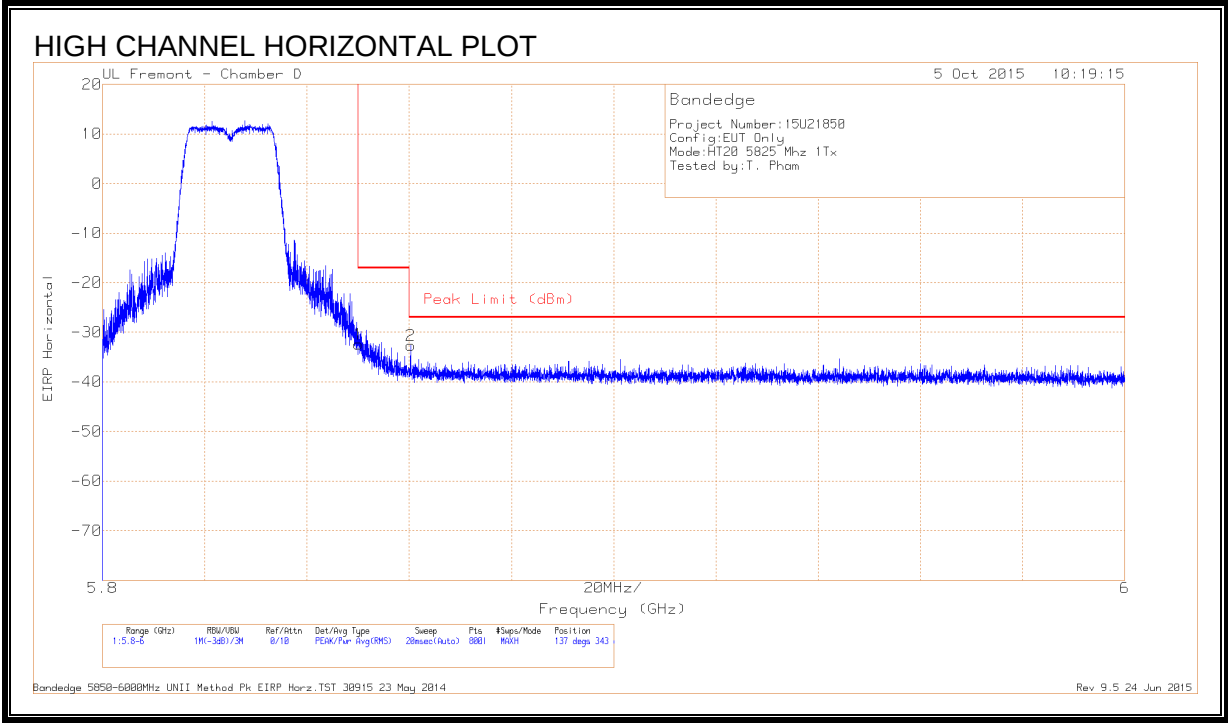
Pk - Peak detector



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.723	-54.02	Pk	34.6	-17.6	11.8	-25.22	-17	-8.22	121	103	V
1	5.725	-59.79	Pk	34.6	-17.6	11.8	-30.99	-17	-13.99	121	103	V

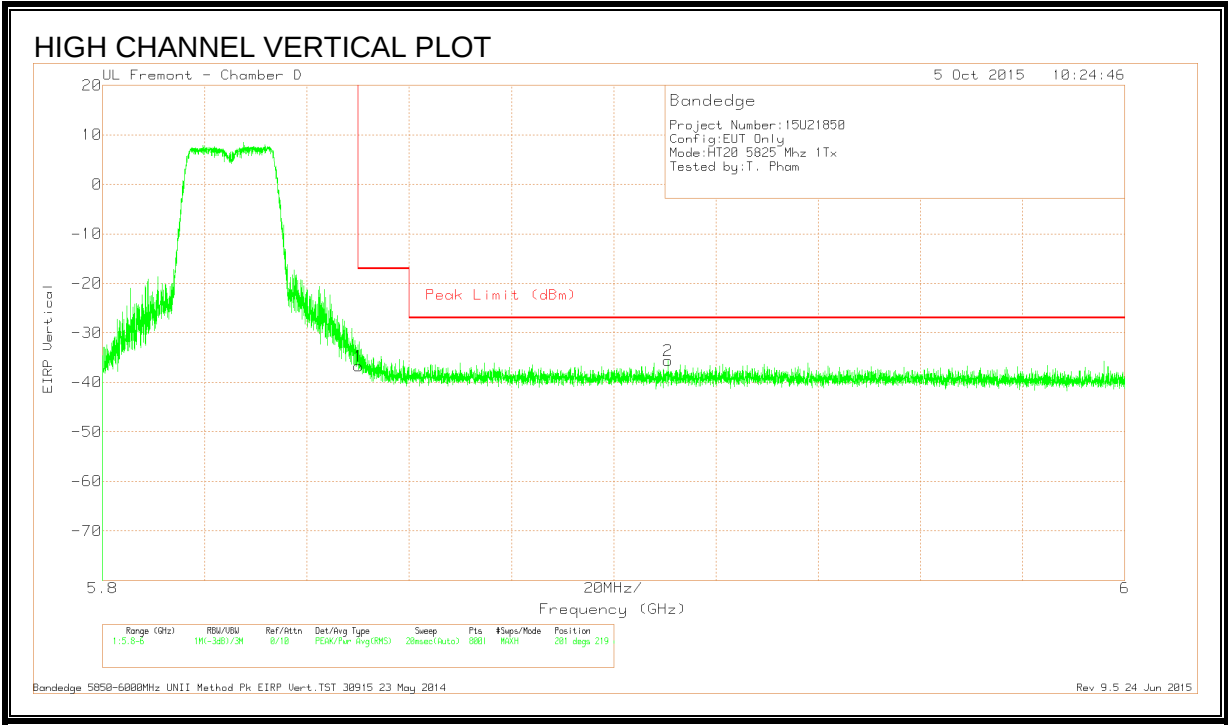
Pk - Peak detector



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.42	Pk	34.9	-17.7	11.8	-32.42	-17	-15.42	137	343	H
2	5.86	-61.9	Pk	35	-17.6	11.8	-32.7	-27	-5.7	137	343	H

Pk - Peak detector

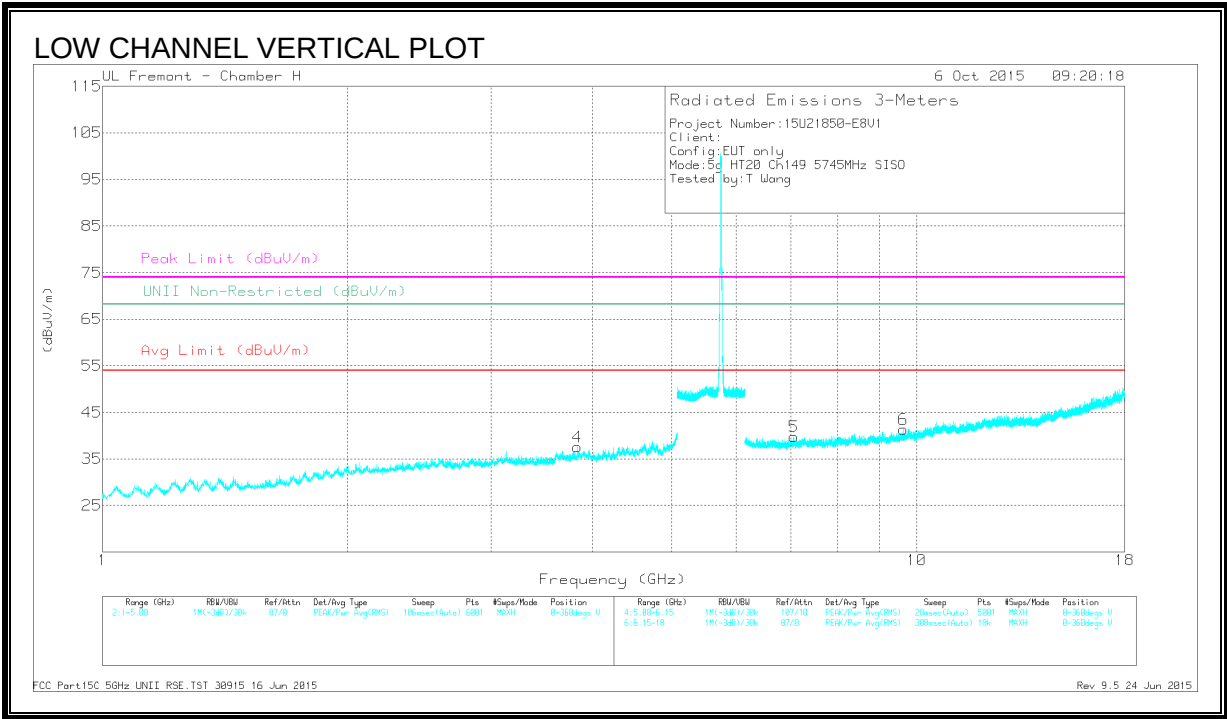
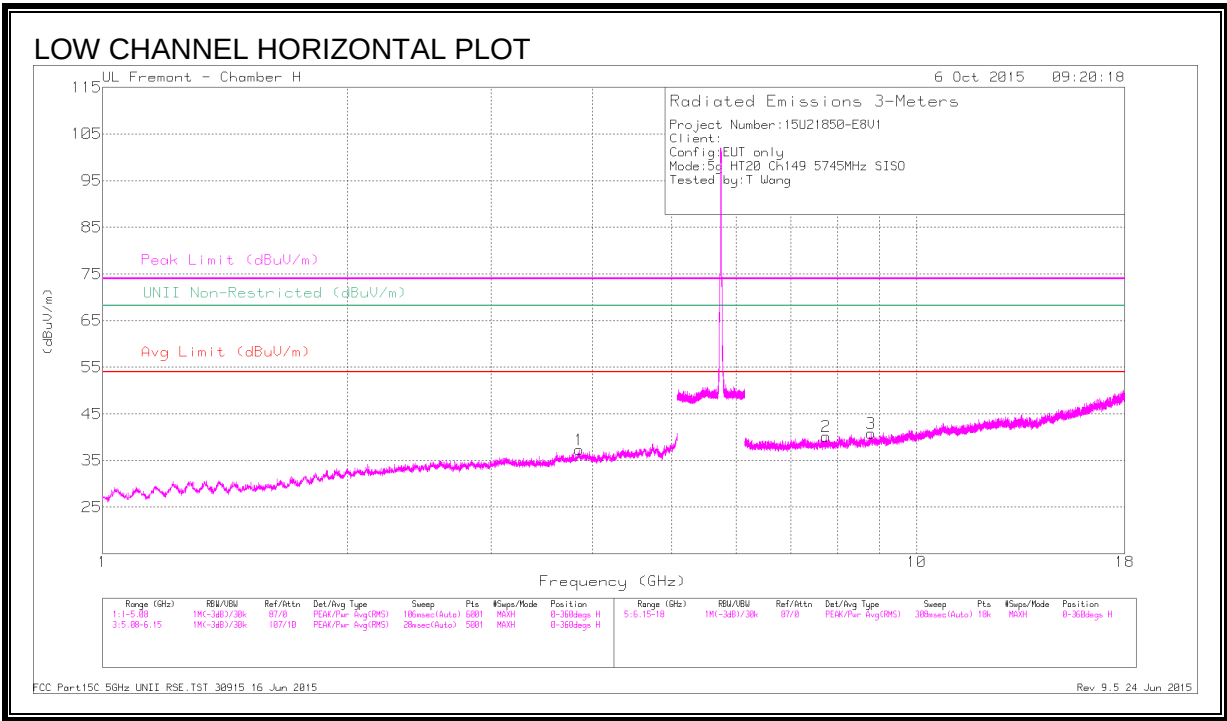


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.7	Pk	34.9	-17.7	11.8	-36.7	-17	-19.7	201	219	V
2	5.911	-64.96	Pk	35.1	-17.5	11.8	-35.56	-27	-8.56	201	219	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr /Pad (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	* 3.848	43	PK-U	33.5	-31.6	44.9	-	-	74	-29.1	-	-	237	256	H
	* 3.847	30.63	ADR	33.5	-31.6	32.53	54	-21.47	-	-	-	-	237	256	H
2	* 7.742	39.17	PK-U	35.9	-28.7	46.37	-	-	74	-27.63	-	-	252	263	H
	* 7.744	28.2	ADR	35.9	-28.7	35.4	54	-18.6	-	-	-	-	252	263	H
3	8.786	37.58	PK-U	36.1	-26.3	47.38	-	-	-	-	68.2	-20.82	248	252	H
4	* 3.829	43.46	PK-U	33.5	-31.6	45.36	-	-	74	-28.64	-	-	276	106	V
	* 3.83	33.7	ADR	33.5	-31.6	35.6	54	-18.4	-	-	-	-	276	106	V
5	7.059	39.84	PK-U	35.8	-29.1	46.54	-	-	-	-	68.2	-21.66	263	114	V
6	9.621	37.96	PK-U	36.6	-26.2	48.36	-	-	-	-	68.2	-19.84	271	108	V

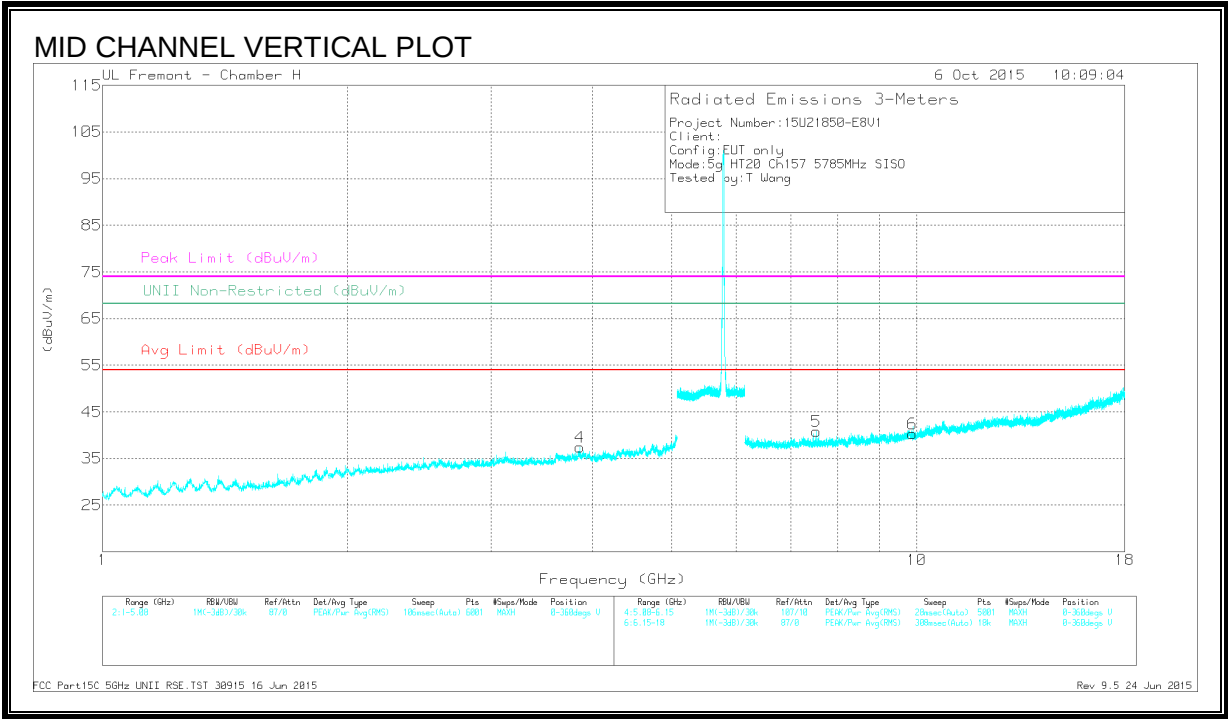
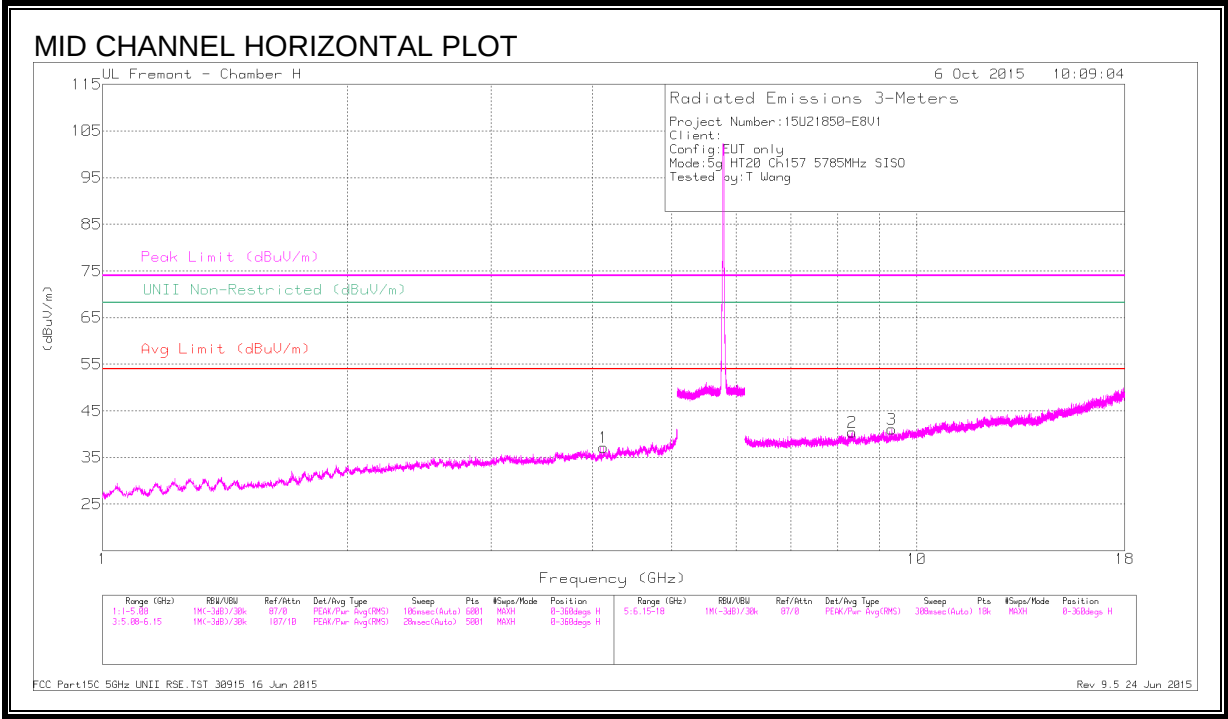
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

Rev 9.5 24 Jun 2015



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.128	41.48	PK-U	33.5	-30.9	44.08	-	-	74	-29.92	-	-	142	115	H
	* 4.129	29.65	ADR	33.5	-30.9	32.25	54	-21.75	-	-	-	-	142	115	H
2	* 8.327	37.57	PK-U	35.9	-26.3	47.17	-	-	74	-26.83	-	-	134	119	H
	* 8.326	26.52	ADR	35.9	-26.3	36.12	54	-17.88	-	-	-	-	134	119	H
3	* 9.312	36.9	PK-U	36.4	-26	47.3	-	-	74	-26.7	-	-	138	108	H
	* 9.31	25.8	ADR	36.4	-26	36.2	54	-17.8	-	-	-	-	148	108	H
4	* 3.857	43.07	PK-U	33.5	-31.6	44.97	-	-	74	-29.03	-	-	252	181	V
	* 3.857	33.35	ADR	33.5	-31.6	35.25	54	-18.75	-	-	-	-	252	181	V
5	* 7.528	39.01	PK-U	36	-28.5	46.51	-	-	74	-27.49	-	-	271	212	V
	* 7.527	27.64	ADR	36	-28.5	35.14	54	-18.86	-	-	-	-	271	212	V
6	9.876	36.33	PK-U	36.9	-26.2	47.03	-	-	-	-	68.2	-21.17	267	199	V

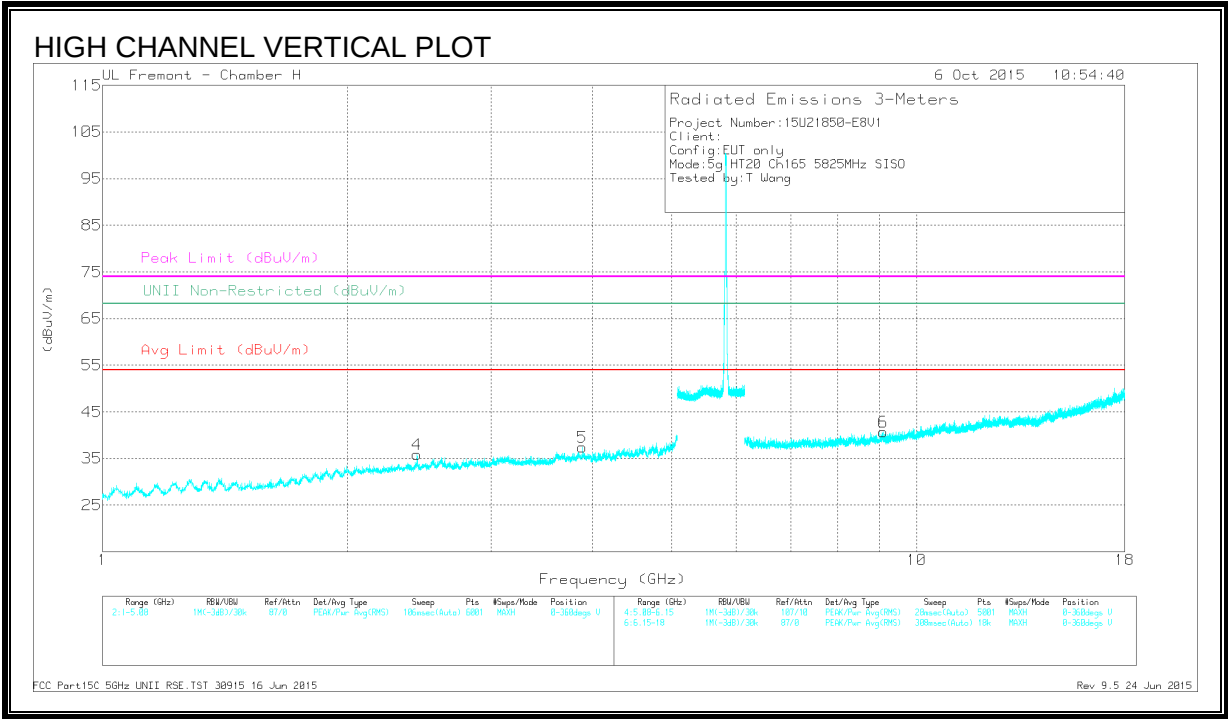
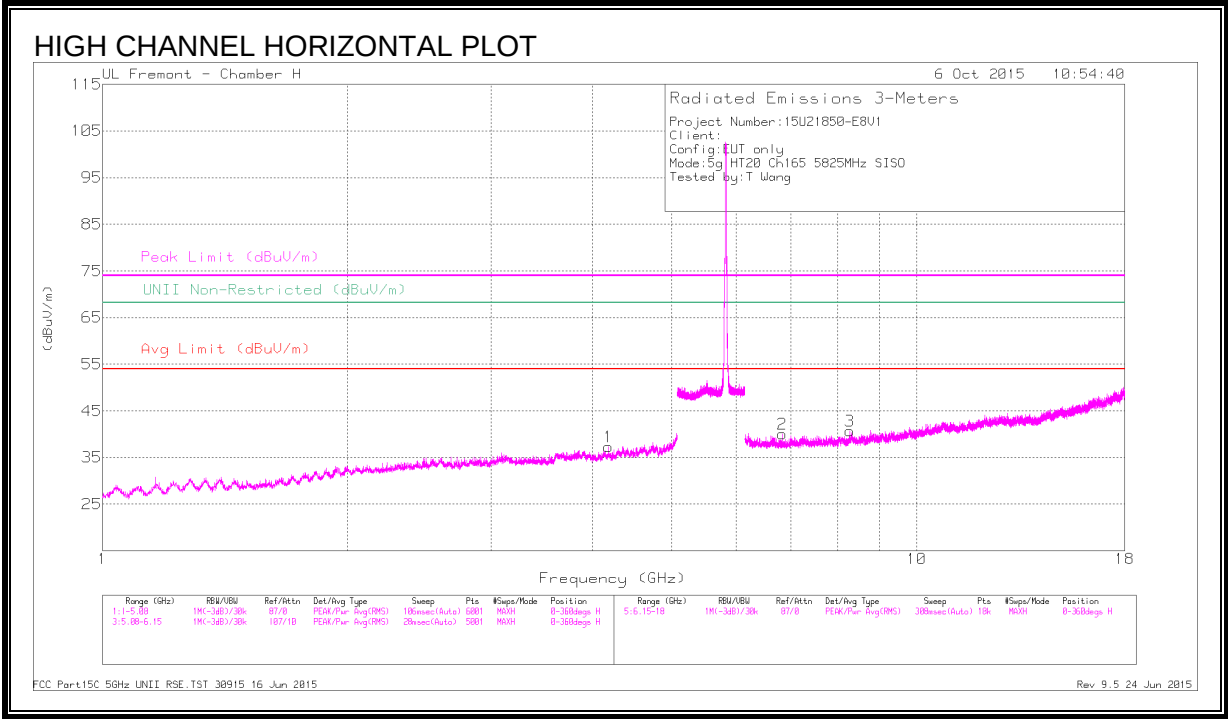
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

Rev 9.5 24 Jun 2015



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.184	41.57	PK-U	33.4	-31.4	43.57	-	-	74	-30.43	-	-	0	247	H
	* 4.184	29.96	ADR	33.4	-31.4	31.96	54	-22.04	-	-	-	-	0	247	H
2	6.837	40.27	PK-U	35.8	-29.7	46.37	-	-	-	-	68.2	-21.83	11	192	H
3	* 8.269	37.79	PK-U	35.9	-27.1	46.59	-	-	74	-27.41	-	-	2	180	H
	* 8.269	26.31	ADR	35.9	-27.1	35.11	54	-18.89	-	-	-	-	2	180	H
4	2.435	42.43	PK-U	32.2	-33.1	41.53	-	-	-	-	68.2	-26.67	258	163	V
5	* 3.883	43.64	PK-U	33.6	-31.8	45.44	-	-	74	-28.56	-	-	272	157	V
	* 3.883	34.44	ADR	33.6	-31.8	36.24	54	-17.76	-	-	-	-	272	157	V
6	* 9.094	37.09	PK-U	36.2	-26	47.29	-	-	74	-26.71	-	-	216	272	V
	* 9.094	25.39	ADR	36.2	-26	35.59	54	-18.41	-	-	-	-	216	272	V

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

PK-U - U-NII: Maximum Peak

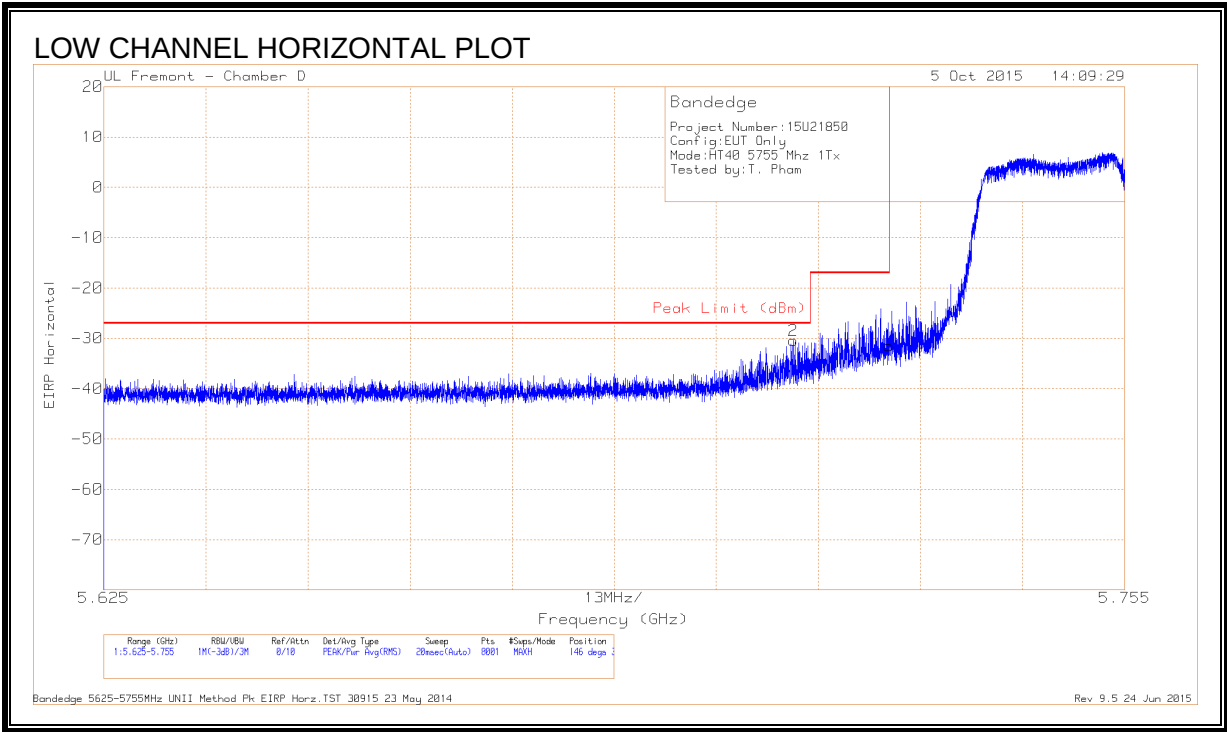
ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

Rev 9.5 24 Jun 2015

10.5. MODEL: A1623: 802.11n HT40 MODE IN THE 5.8 GHz BAND

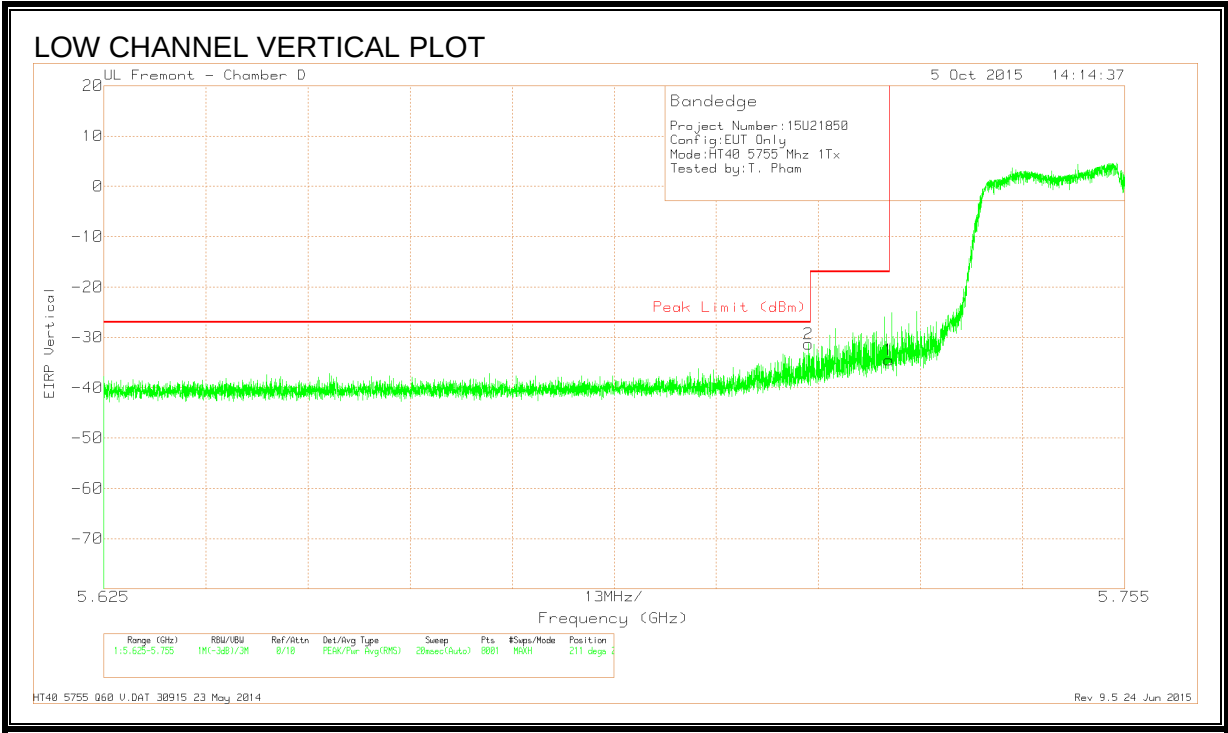
RESTRICTED BANDEGE, CHAIN 0 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	-59.35	Pk	34.6	-17.5	11.8	-30.45	-27	-3.45	146	353	H
1	5.725	-60.27	Pk	34.6	-17.6	11.8	-31.47	-17	-14.47	146	353	H

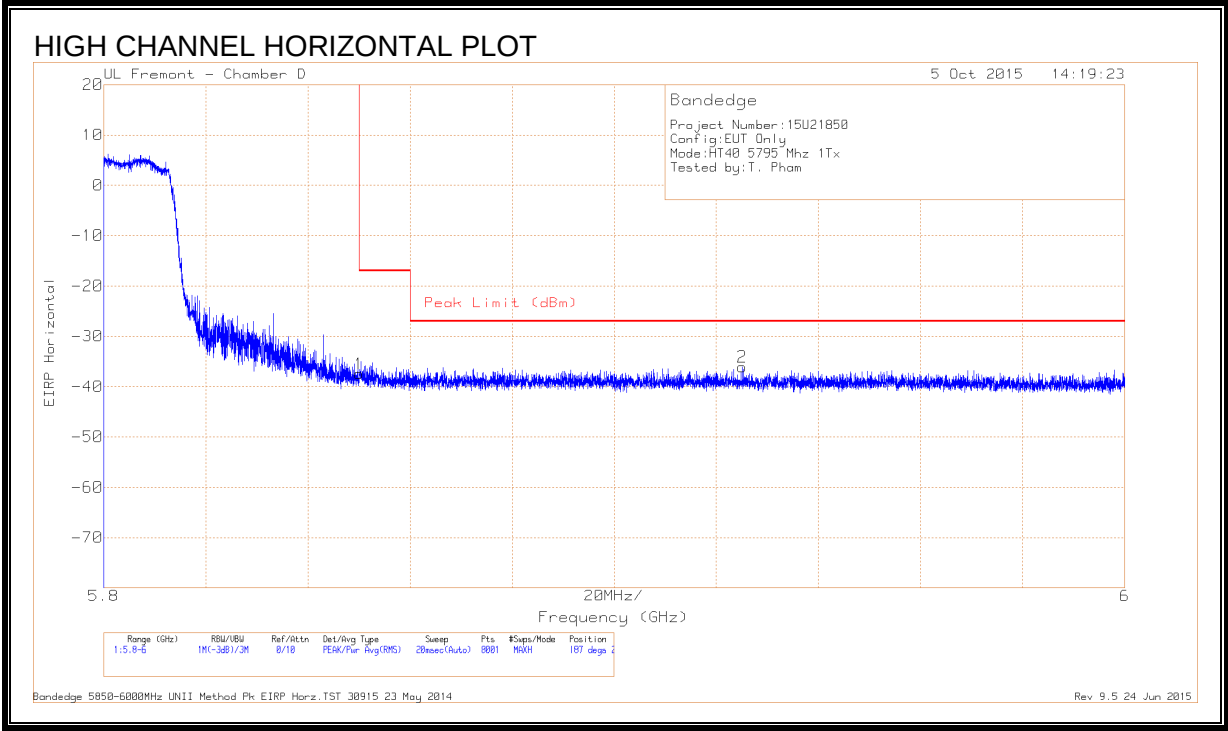
Pk - Peak detector



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-60.21	Pk	34.6	-17.5	11.8	-31.31	-27	-4.31	211	223	V
1	5.725	-63.27	Pk	34.6	-17.6	11.8	-34.47	-17	-17.47	211	223	V

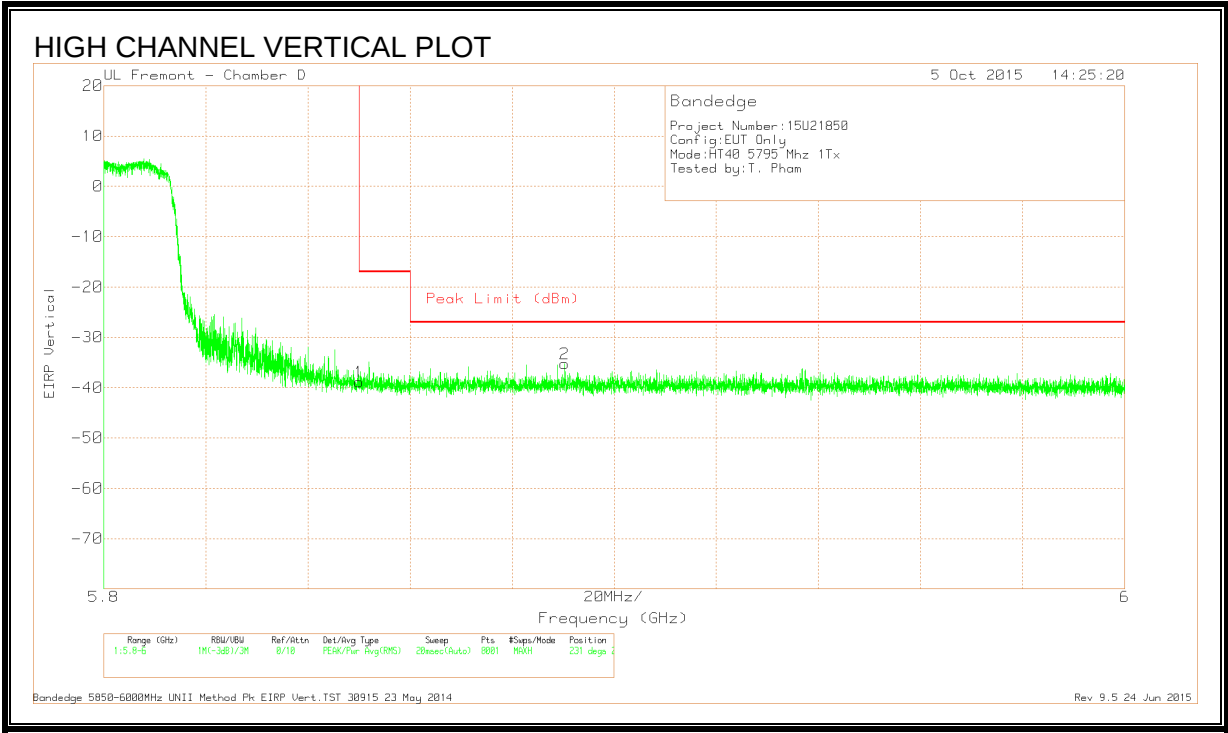
Pk - Peak detector



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.44	Pk	34.9	-17.7	11.8	-37.44	-17	-20.44	187	248	H
2	5.925	-65.78	Pk	35.2	-17.3	11.8	-36.08	-27	-9.08	187	248	H

Pk - Peak detector

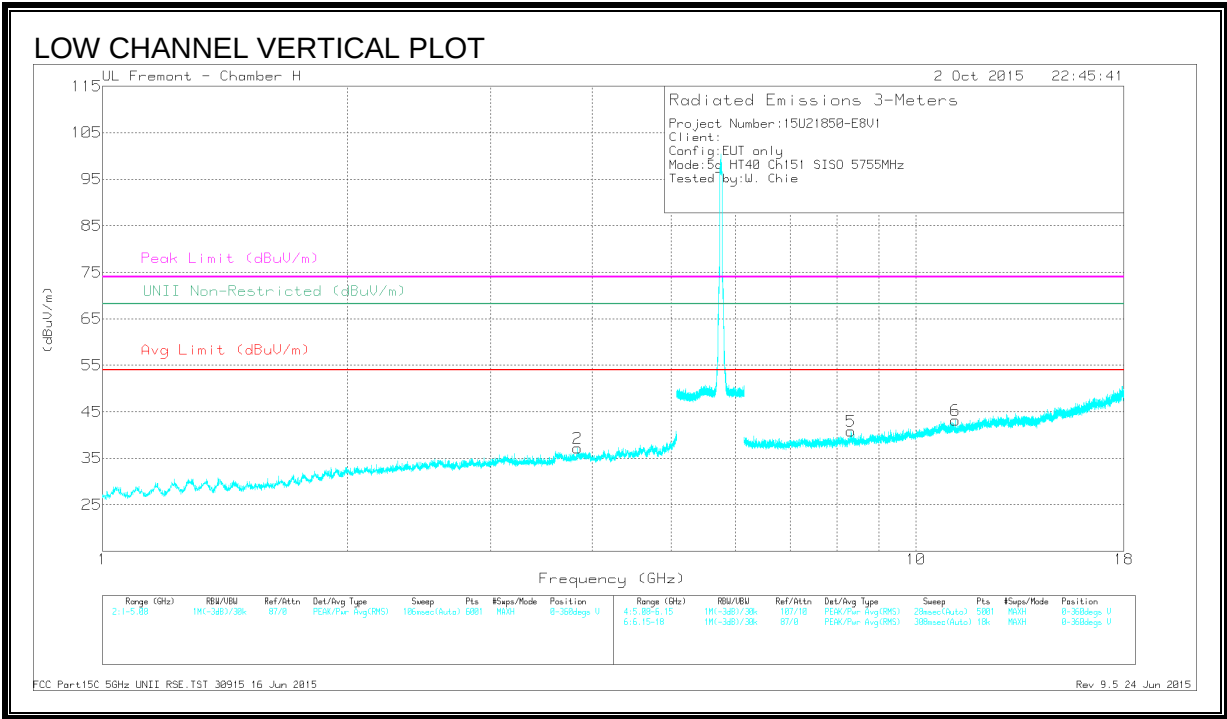
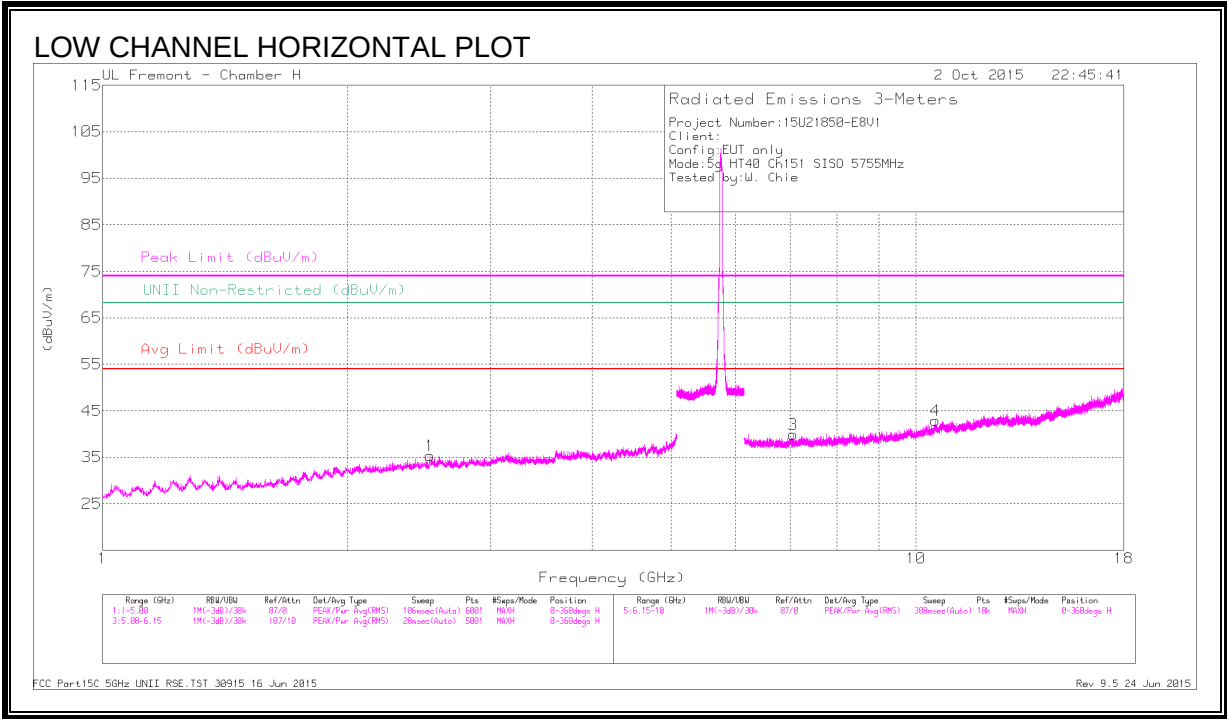


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.88	Pk	34.9	-17.7	11.8	-38.88	-17	-21.88	231	240	V
2	5.89	-64.66	Pk	35	-17.4	11.8	-35.26	-27	-8.26	231	240	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/FI tr/Pad (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	* 3.836	43.67	PK-U	33.5	-31.5	45.67	-	-	74	-28.33	-	-	279	102	V
	* 3.837	33.48	ADR	33.5	-31.5	35.48	54	-18.52	-	-	-	-	279	102	V
6	* 11.177	36.21	PK-U	37.8	-25	49.01	-	-	74	-24.99	-	-	290	262	V
	* 11.177	24.51	ADR	37.8	-25	37.31	54	-16.69	-	-	-	-	290	262	V
5	* 8.318	37.18	PK-U	35.9	-26.3	46.78	-	-	74	-27.22	-	-	358	301	V
	* 8.319	25.91	ADR	35.9	-26.3	35.51	54	-18.49	-	-	-	-	358	301	V
1	2.525	42.26	PK-U	32.5	-33	41.76	-	-	-	-	68.2	-26.44	312	125	H
3	7.063	39.39	PK-U	35.8	-29.1	46.09	-	-	-	-	68.2	-22.11	262	123	H
4	10.568	36.65	PK-U	37.6	-24.6	49.65	-	-	-	-	68.2	-18.55	252	145	H

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

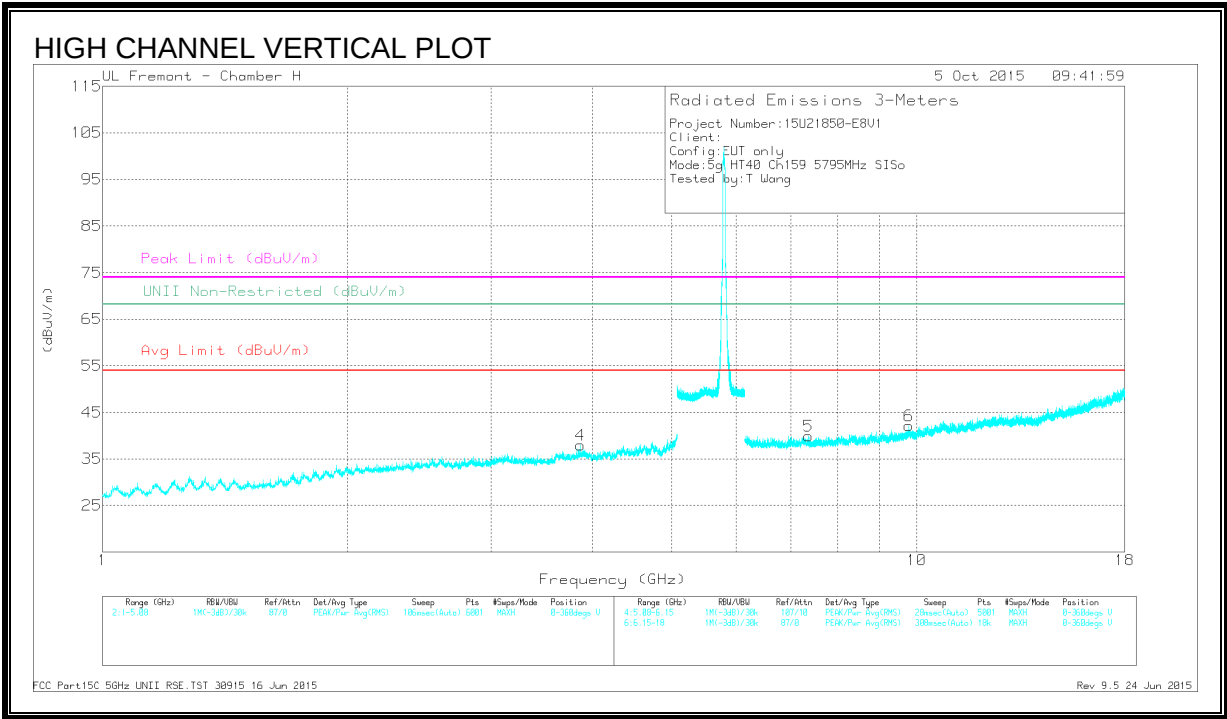
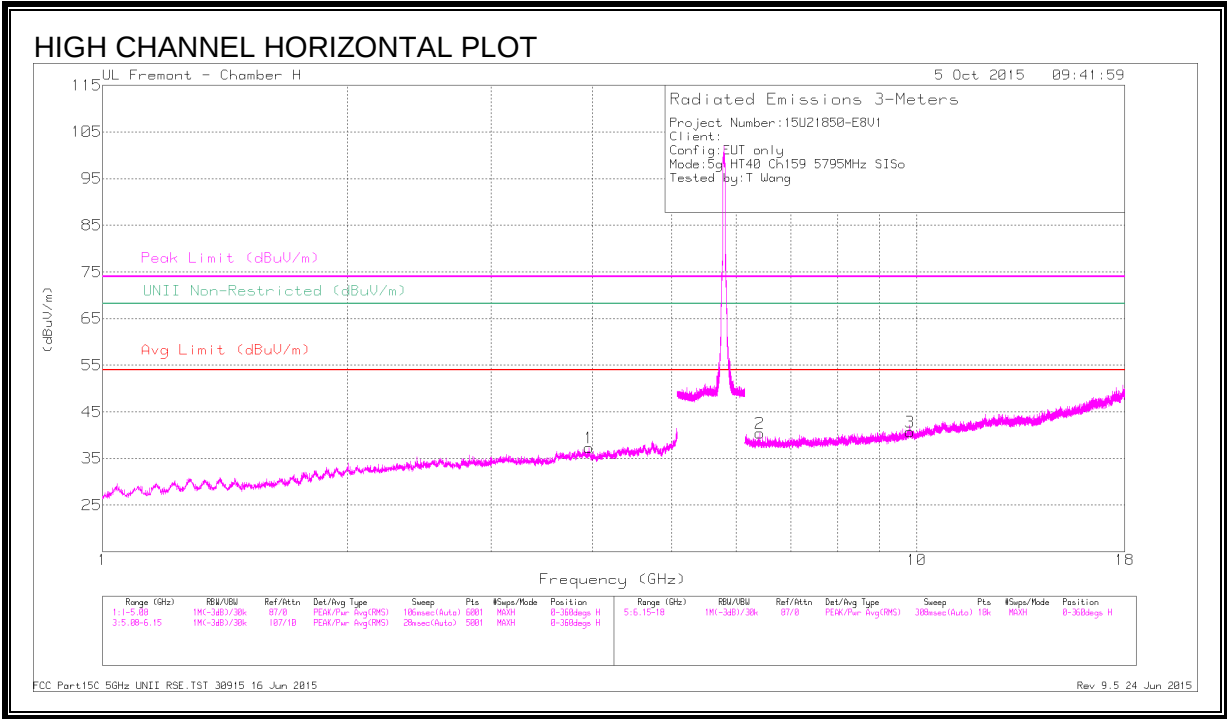
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

Rev 9.5 24 Jun 2015

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/ Ftr/Pad (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	* 3.957	42.38	PK-U	33.5	-31.6	44.28	-	-	74	-29.72	-	-	226	115	H
	* 3.959	30.29	ADR	33.5	-31.6	32.32	54	-21.68	-	-	-	-	226	115	H
2	6.416	40.54	PK-U	35.6	-29.8	46.34	-	-	-	-	68.2	-21.86	213	126	H
3	9.808	37.2	PK-U	36.8	-25.5	48.5	-	-	-	-	68.2	-19.7	217	133	H
4	* 3.864	43.11	PK-U	33.5	-31.6	45.01	-	-	74	-28.99	-	-	243	142	V
4	* 3.863	32.83	ADR	33.5	-31.6	34.86	54	-19.14	-	-	-	-	243	142	V
5	* 7.367	39.14	PK-U	36	-29	46.14	-	-	74	-27.86	-	-	237	167	V
	* 7.367	28.09	ADR	36	-29	35.22	54	-18.78	-	-	-	-	237	167	V
6	9.782	36.52	PK-U	36.8	-25.1	48.22	-	-	-	-	68.2	-19.98	251	191	V

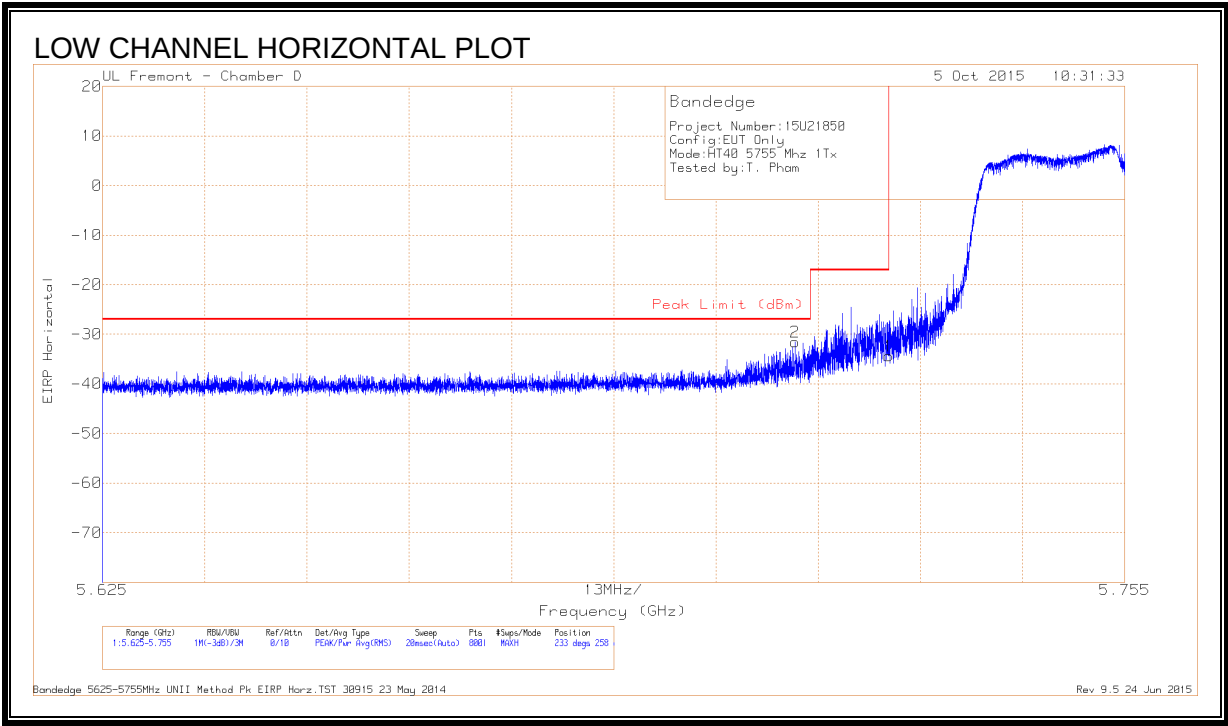
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.6. MODEL: A1622: 802.11n HT40 MODE IN THE 5.8 GHz BAND,

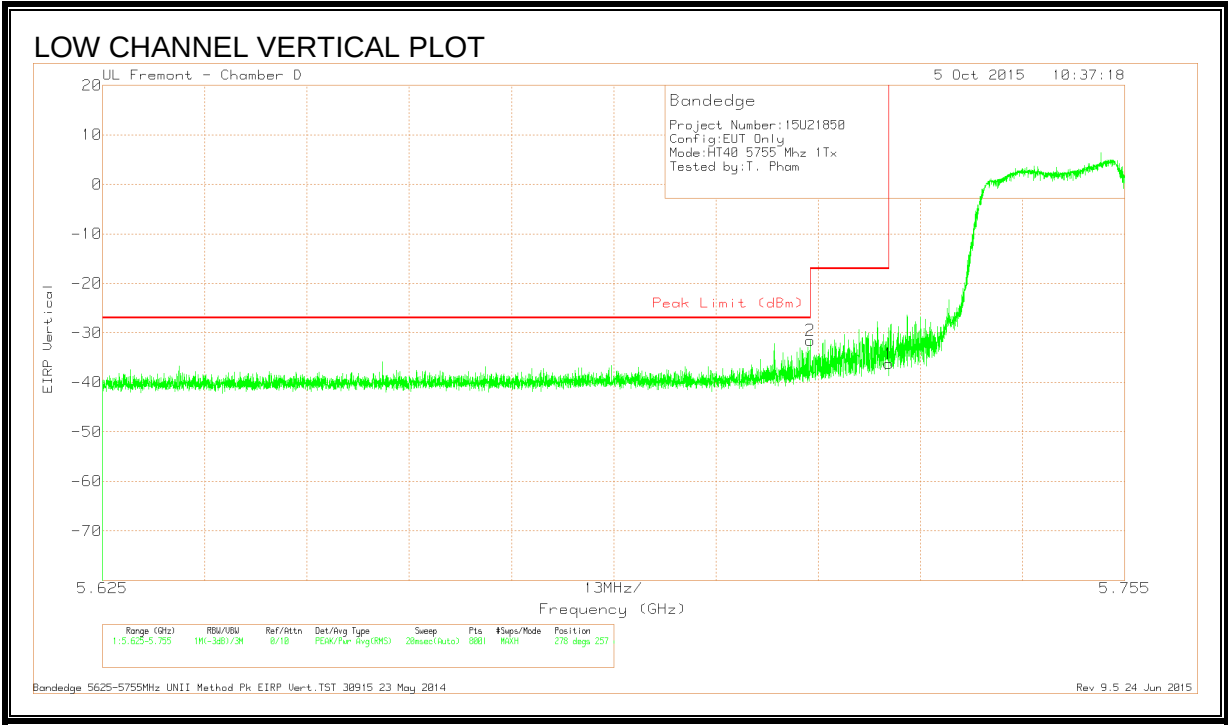
RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	-60.46	Pk	34.6	-17.5	11.8	-31.56	-27	-4.56	233	258	H
1	5.725	-63.18	Pk	34.6	-17.6	11.8	-34.38	-17	-17.38	233	258	H

Pk - Peak detector

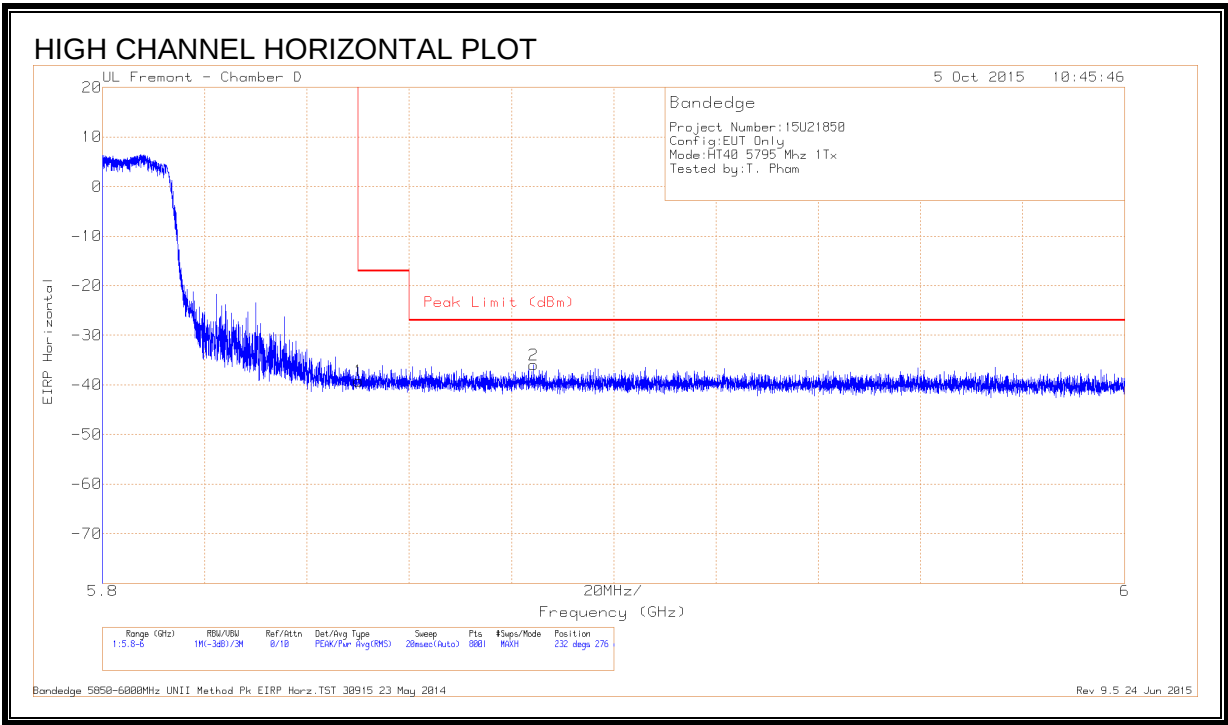


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-60.39	Pk	34.6	-17.5	11.8	-31.49	-27	-4.49	278	257	V
1	5.725	-65.01	Pk	34.6	-17.6	11.8	-36.21	-17	-19.21	278	257	V

Pk - Peak detector

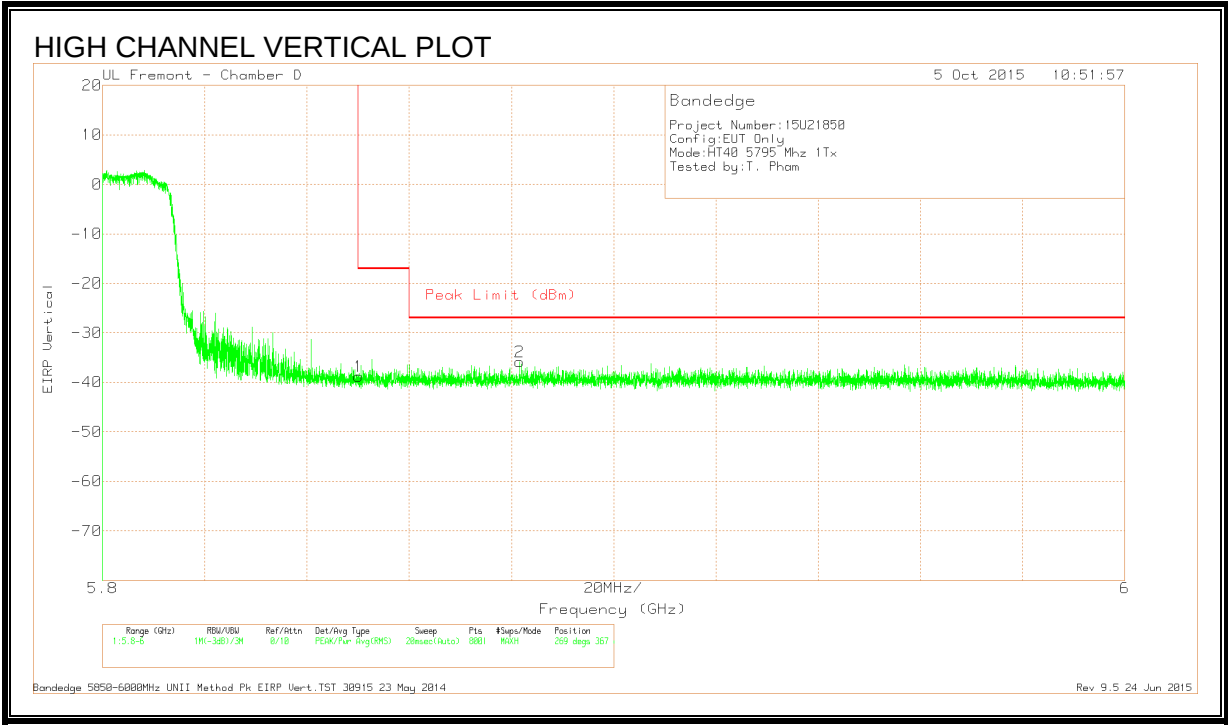
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.22	Pk	34.9	-17.7	11.8	-39.22	-17	-22.22	232	276	H
2	5.884	-65.32	Pk	35	-17.4	11.8	-35.92	-27	-8.92	232	276	H

Pk - Peak detector

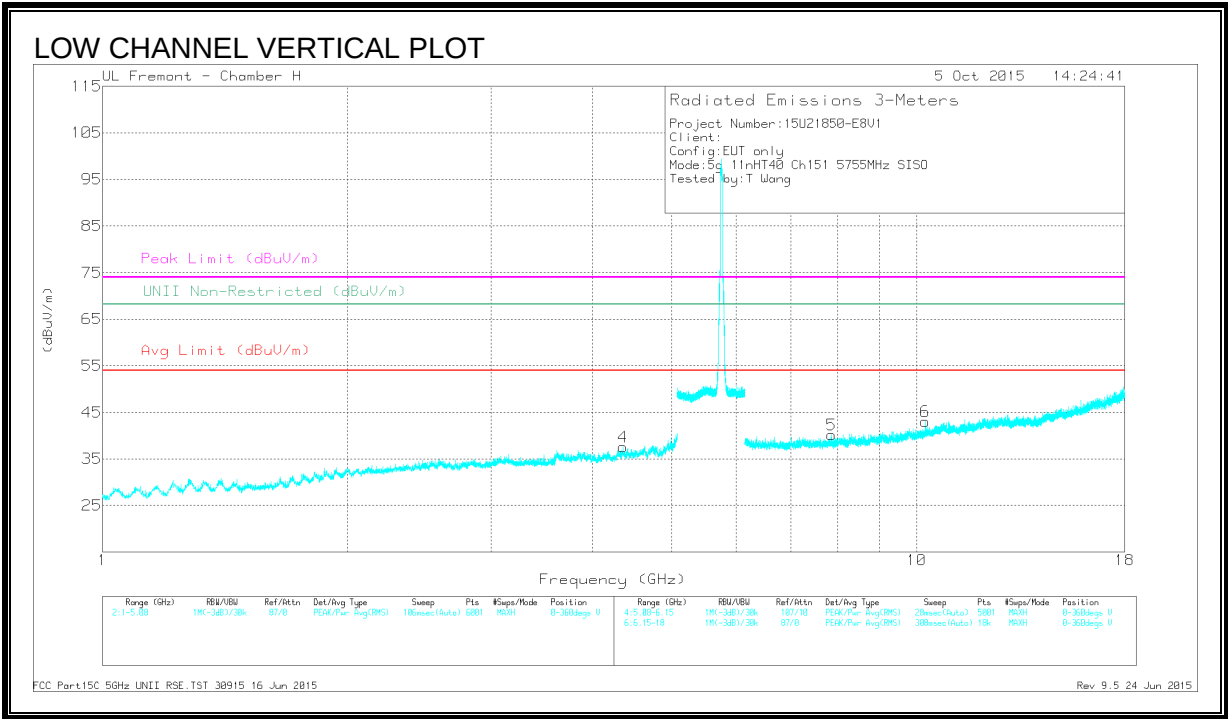
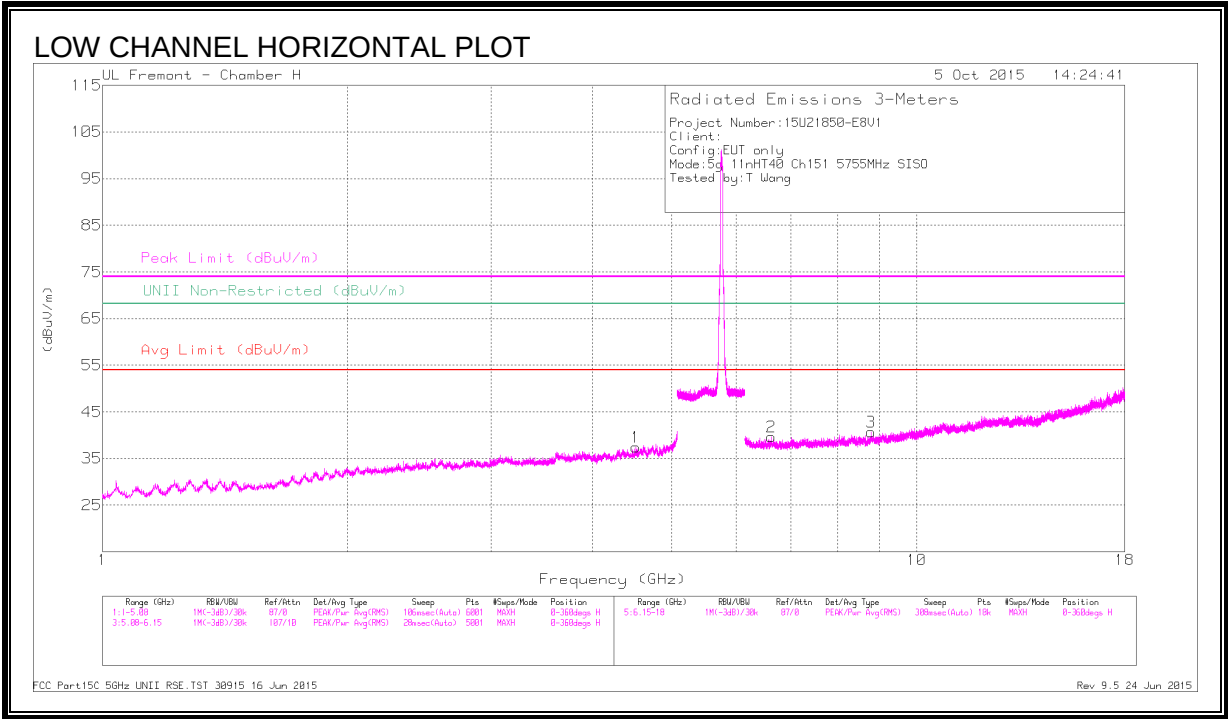


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-67.78	Pk	34.9	-17.7	11.8	-38.78	-17	-21.78	269	367	V
2	5.882	-65.09	Pk	35	-17.5	11.8	-35.79	-27	-8.79	269	367	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



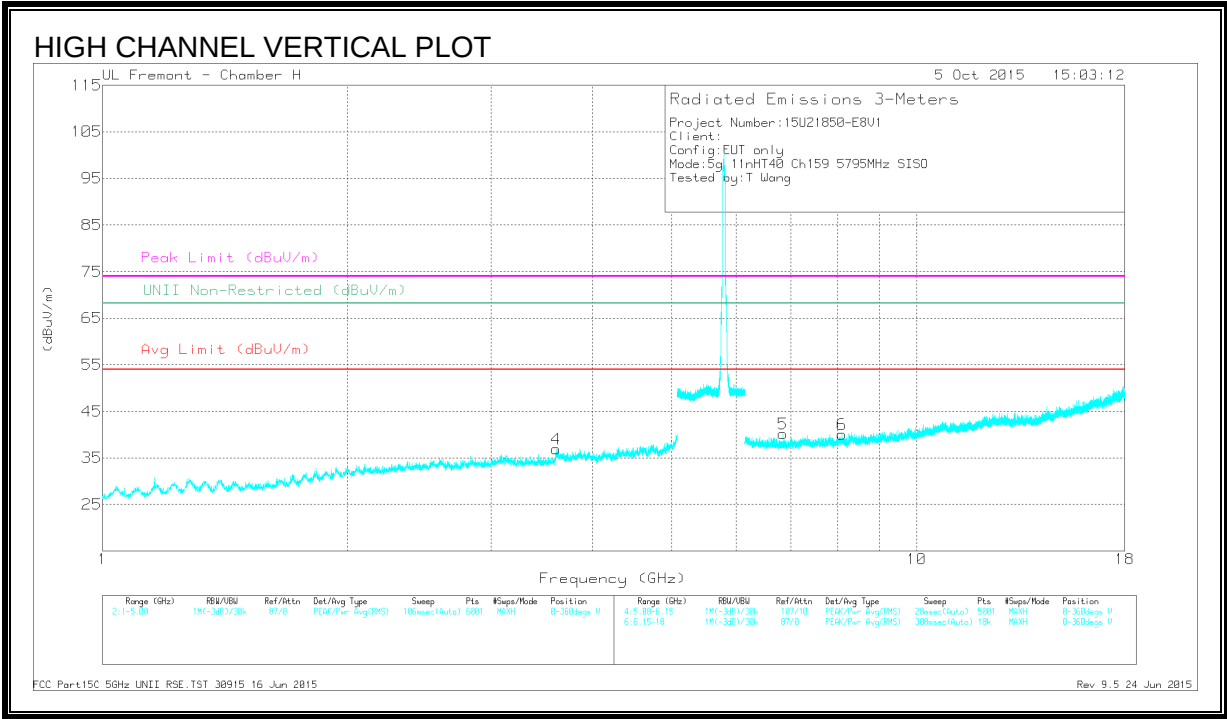
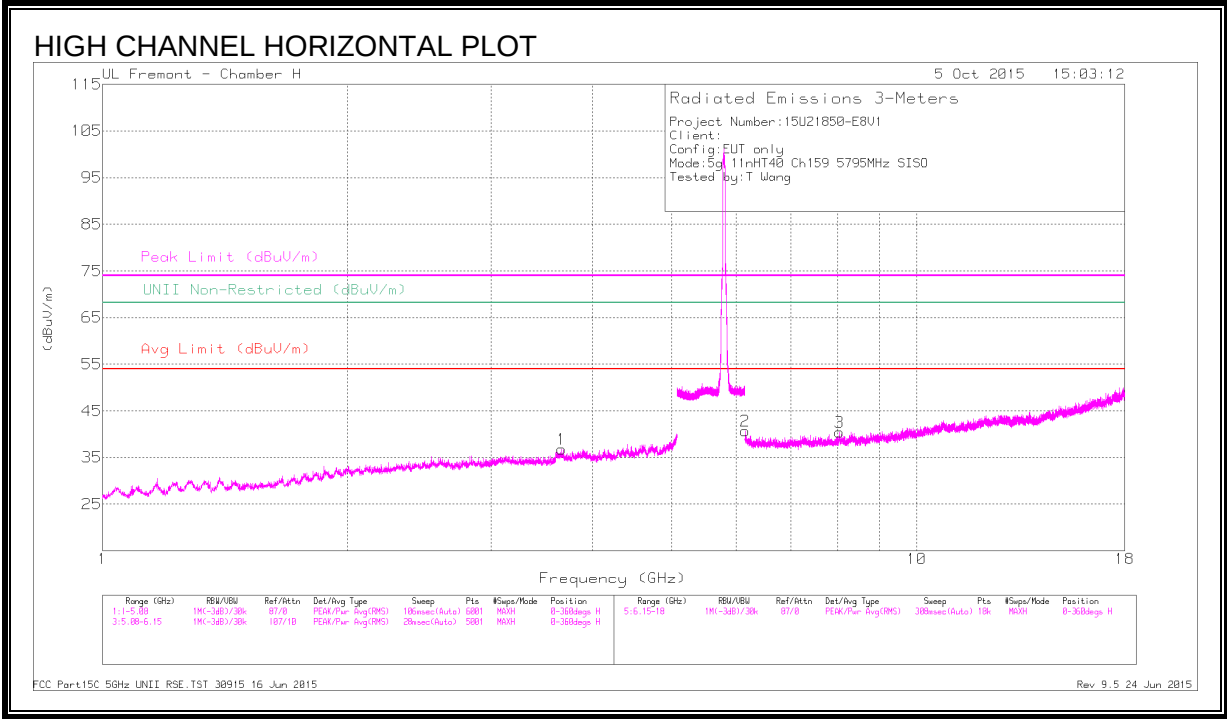
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.515	42.04	PK-U	33.9	-31.4	44.54	-	-	74	-29.46	-	-	101	370	H
1	* 4.517	30.19	ADR	33.9	-31.4	32.82	54	-21.18	-	-	-	-	101	370	H
2	6.624	40.45	PK-U	35.8	-29.5	46.75	-	-	-	-	68.2	-21.45	112	354	H
3	8.789	37.8	PK-U	36.1	-26.3	47.6	-	-	-	-	68.2	-20.6	106	366	H
4	* 4.356	41.5	PK-U	33.6	-30.3	44.8	-	-	74	-29.2	-	-	169	102	V
4	* 4.358	29.62	ADR	33.6	-30.3	33.05	54	-20.95	-	-	-	-	169	102	V
5	7.857	38.28	PK-U	35.9	-27.8	46.38	-	-	-	-	68.2	-21.82	153	123	V
6	10.241	36.14	PK-U	37.1	-25.1	48.14	-	-	-	-	68.2	-20.06	161	118	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/ Ftr/Pad (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	* 3.664	41.5	PK-U	33.2	-31.1	43.6	-	-	74	-30.4	-	-	344	390	H
	* 3.664	29.6	ADR	33.2	-31.1	31.83	54	-22.17	-	-	-	-	344	390	H
2	6.16	41.47	PK-U	35.4	-29.4	47.47	-	-	-	-	68.2	-20.73	322	368	H
3	* 8.039	38.1	PK-U	35.9	-27.3	46.7	-	-	74	-27.3	-	-	299	390	H
	* 8.036	26.53	ADR	35.9	-27.4	35.16	54	-18.84	-	-	-	-	299	390	H
4	* 3.605	41.64	PK-U	33	-31.7	42.94	-	-	74	-31.06	-	-	197	102	V
	* 3.607	29.93	ADR	33	-31.7	31.36	54	-22.64	-	-	-	-	197	102	V
5	6.85	39.91	PK-U	35.8	-29.7	46.01	-	-	-	-	68.2	-22.19	254	121	V
6	* 8.096	38.02	PK-U	35.9	-27.2	46.72	-	-	74	-27.28	-	-	273	139	V
	* 8.094	26.46	ADR	35.9	-27.2	35.29	54	-18.71	-	-	-	-	273	139	V

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

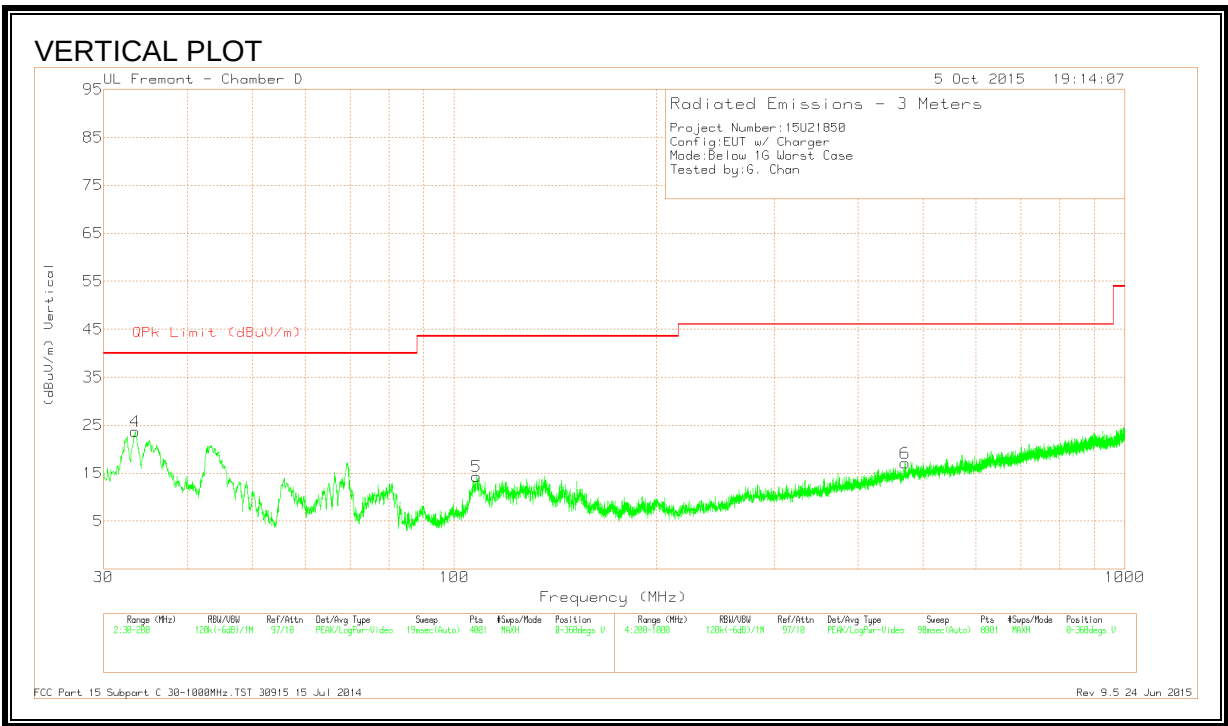
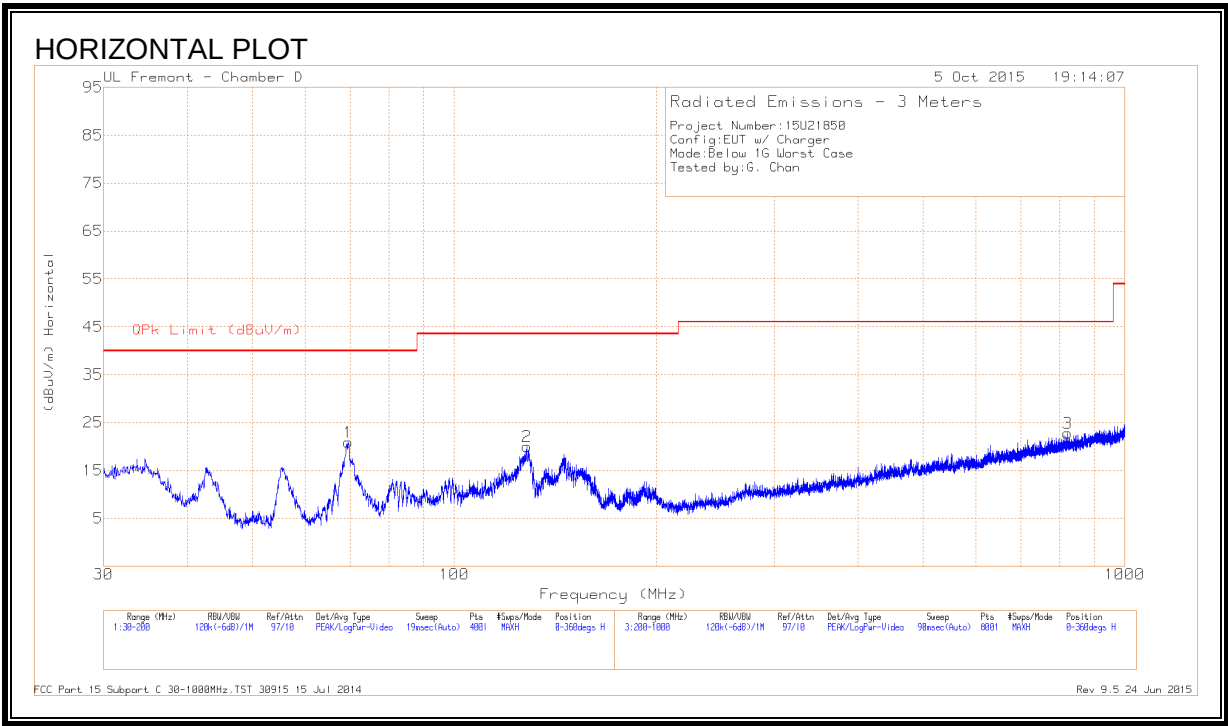
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.7. WORST-CASE BELOW 1 GHz

10.7.1. MODEL: A1623 (EUT WITH AC ADAPTER)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



HORIZONTAL AND VERTICAL DATA

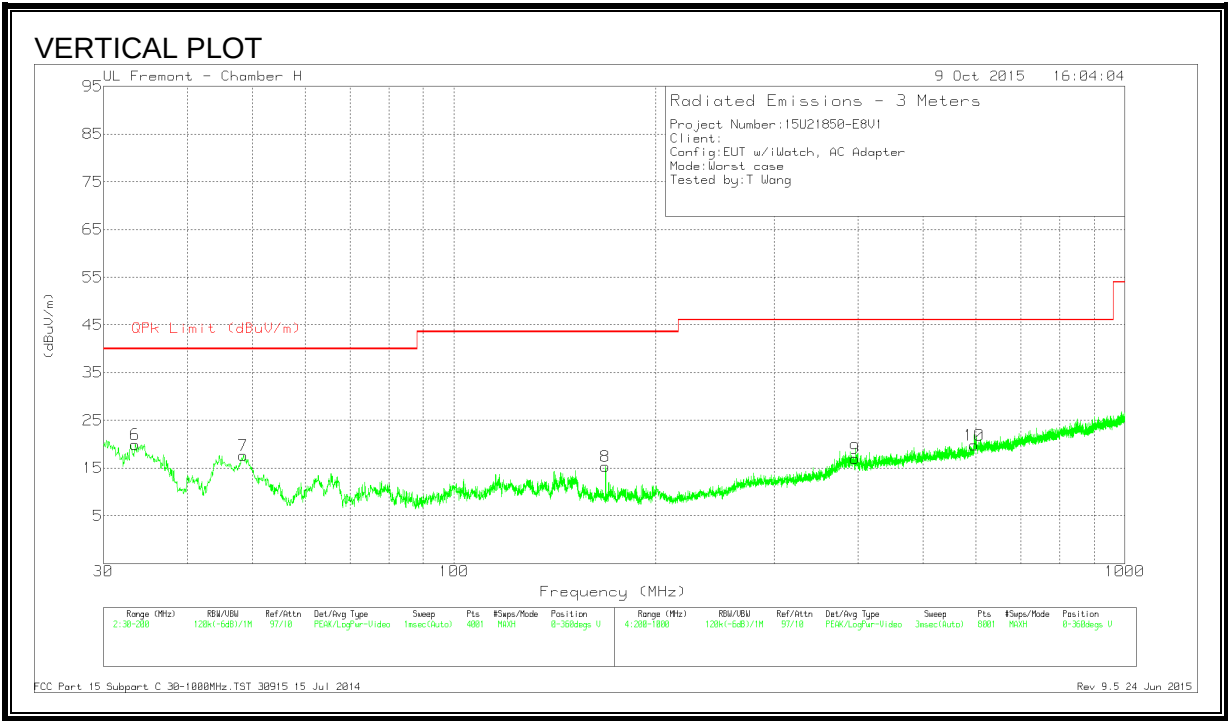
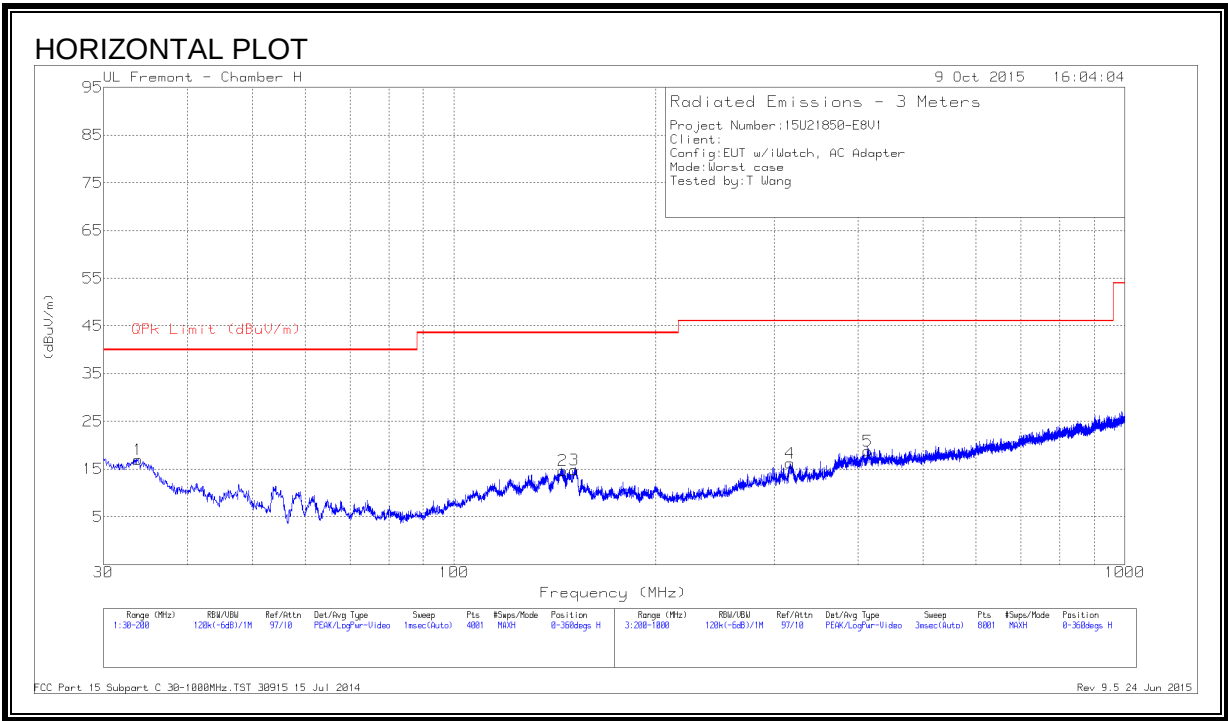
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 128.43	37.57	Pk	13.7	-31.2	20.07	43.52	-23.45	0-360	201	H
4	33.4	36.32	Pk	19.2	-31.8	23.72	40	-16.28	0-360	100	V
1	69.4825	44.16	Pk	8.3	-31.6	20.86	40	-19.14	0-360	201	H
5	107.9875	33.48	Pk	12.1	-31.3	14.28	43.52	-29.24	0-360	100	V
6	470.3	29.88	Pk	17	-29.8	17.08	46.02	-28.94	0-360	100	V
3	821.4	30.36	Pk	21.4	-28.9	22.86	46.02	-23.16	0-360	401	H

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

Pk - Peak detector

10.7.2. MODEL: A1623 (EUT WITH WATCH AND AC ADAPTER)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



HORIZONTAL AND VERTICAL DATA

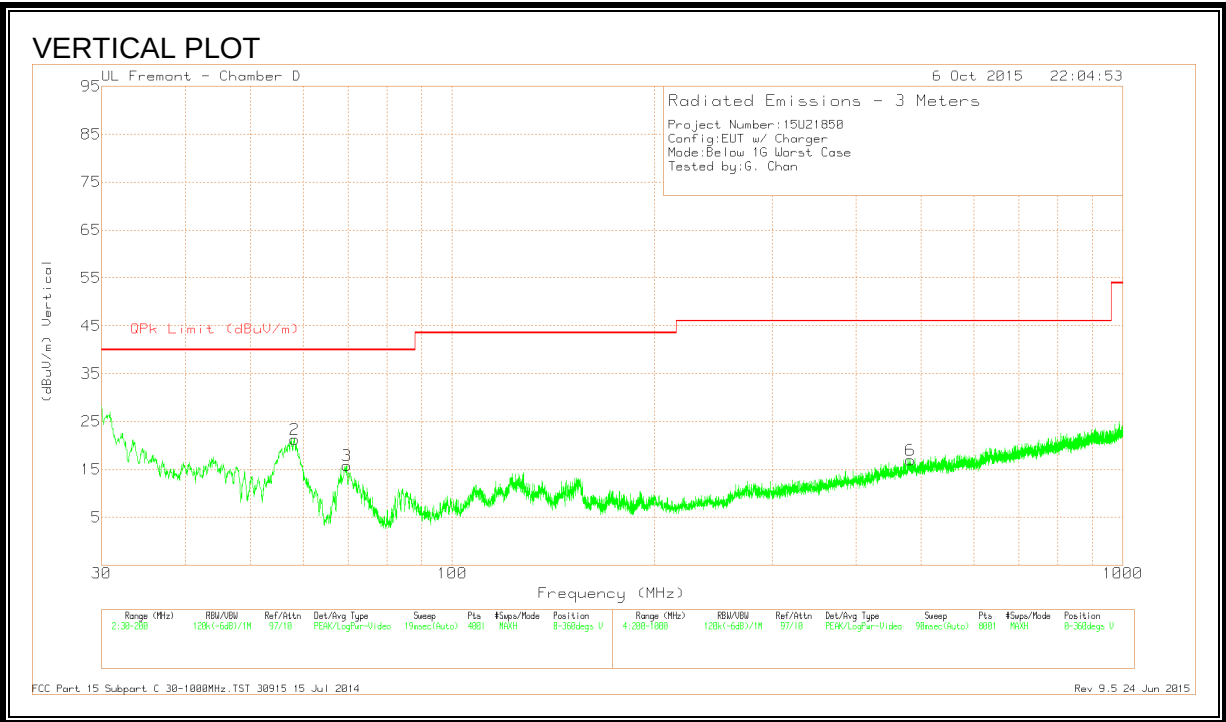
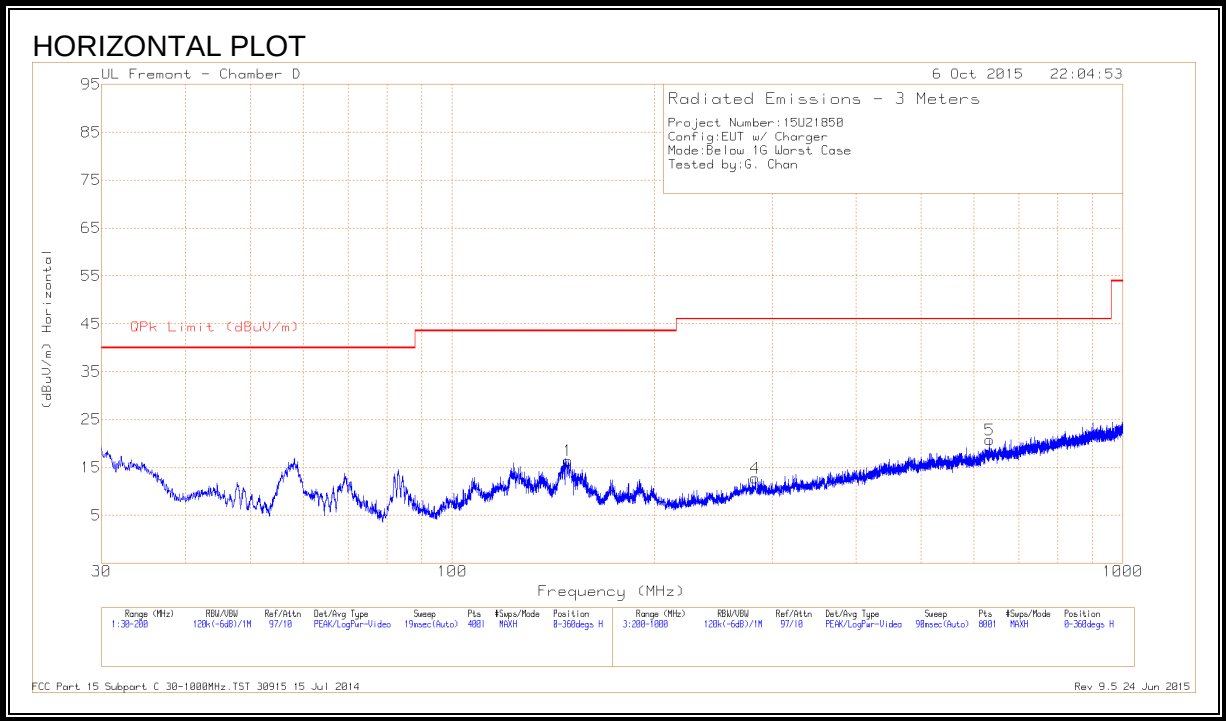
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	* 168.21	33.52	Pk	11.8	-29.9	15.42	43.52	-28.1	0-360	100	V
6	33.485	31.91	Pk	19.4	-31.3	20.01	40	-19.99	0-360	100	V
1	33.825	29.22	Pk	19.1	-31.3	17.02	40	-22.98	0-360	301	H
7	48.53	40.21	Pk	8.5	-31	17.71	40	-22.29	0-360	100	V
2	145.3875	32.18	Pk	12.8	-30.2	14.78	43.52	-28.74	0-360	201	H
3	151.21	32.51	Pk	12.4	-30.1	14.81	43.52	-28.71	0-360	201	H
4	316.8	31.71	Pk	13.6	-29	16.31	46.02	-29.71	0-360	100	H
9	396.4	30.44	Pk	15.3	-28.7	17.04	46.02	-28.98	0-360	99	V
5	413.7	31.55	Pk	15.8	-28.6	18.75	46.02	-27.27	0-360	100	H
10	595.8	29.3	Pk	18.5	-28	19.8	46.02	-26.22	0-360	301	V

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

Pk - Peak detector

10.7.3. MODEL: A1622 (EUT WITH AC ADAPTER)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



HORIZONTAL AND VERTICAL DATA

Marker	Frequenc y (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Correcte d Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 283.2	29.68	Pk	13.5	-30.4	12.78	46.02	-33.24	0-360	100	H
2	58.2625	45.7	Pk	7.3	-31.7	21.3	40	-18.7	0-360	100	V
3	69.6313	39.17	Pk	8.3	-31.6	15.87	40	-24.13	0-360	100	V
1	148.7875	35.39	Pk	12.2	-31.1	16.49	43.52	-27.03	0-360	201	H
6	482.2	29.1	Pk	17.7	-29.8	17	46.02	-29.02	0-360	201	V
5	633.4	30.86	Pk	19.5	-29.6	20.76	46.02	-25.26	0-360	201	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

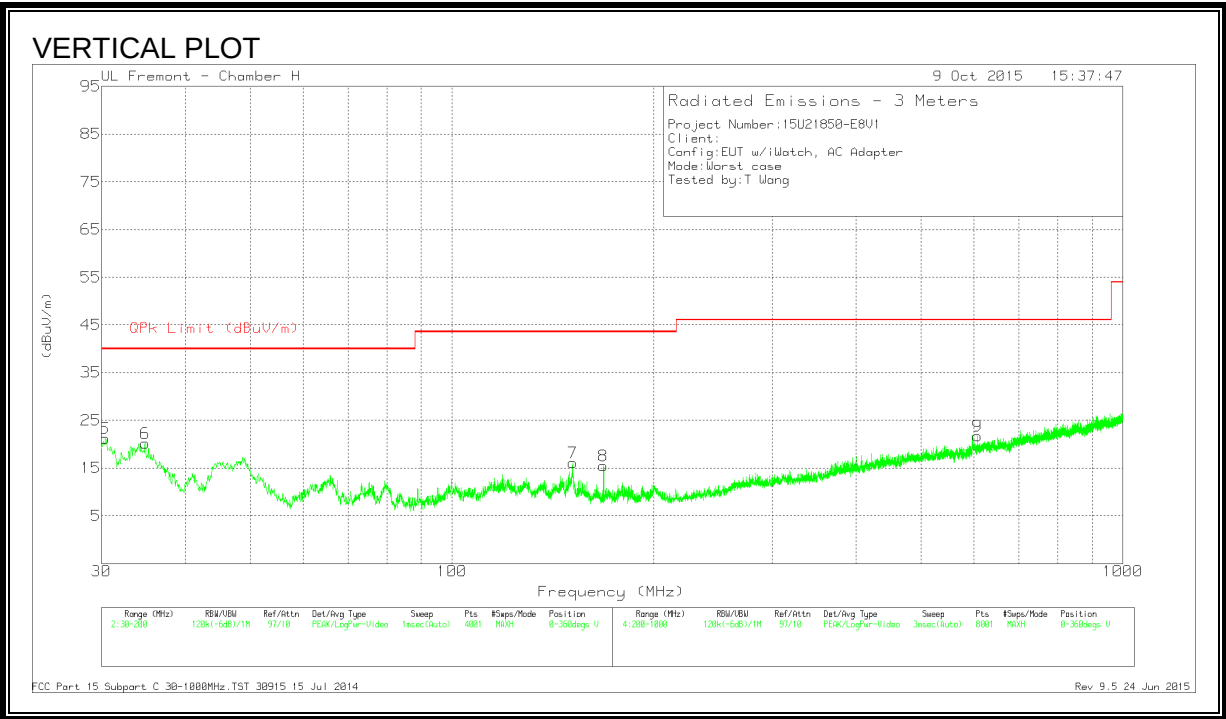
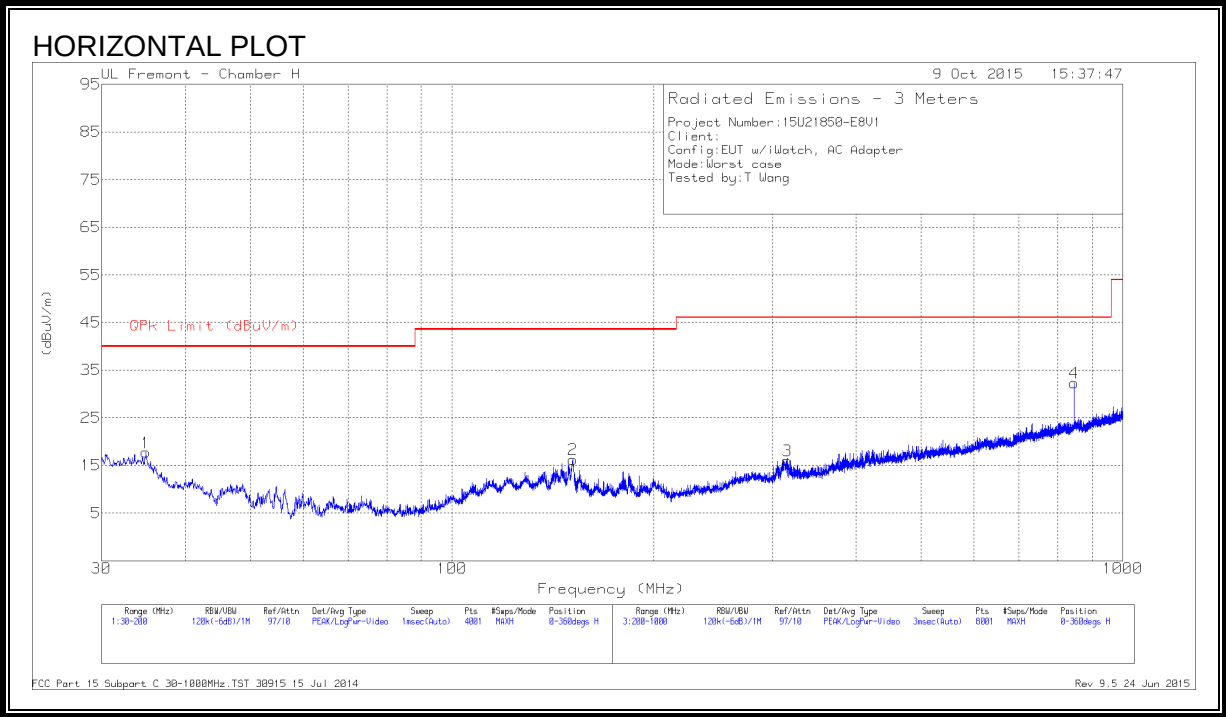
Pk - Peak detector

FCC Part 15 Subpart C 30-1000MHz.TST 30915 15 Jul 2014

Rev 9.5 24 Jun 2015

10.7.4. MODEL: A1622 (EUT WITH WATCH AND AC ADAPTER)

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL & VERTICAL)



HORIZONTAL AND VERTICAL DATA

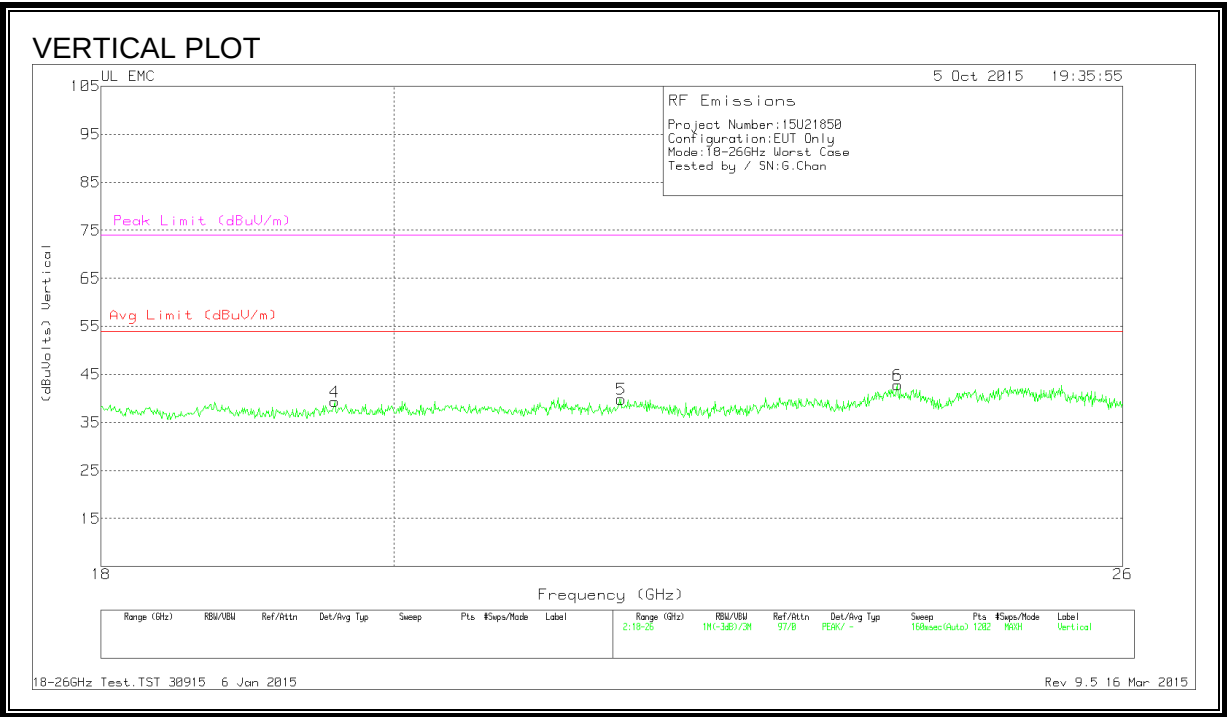
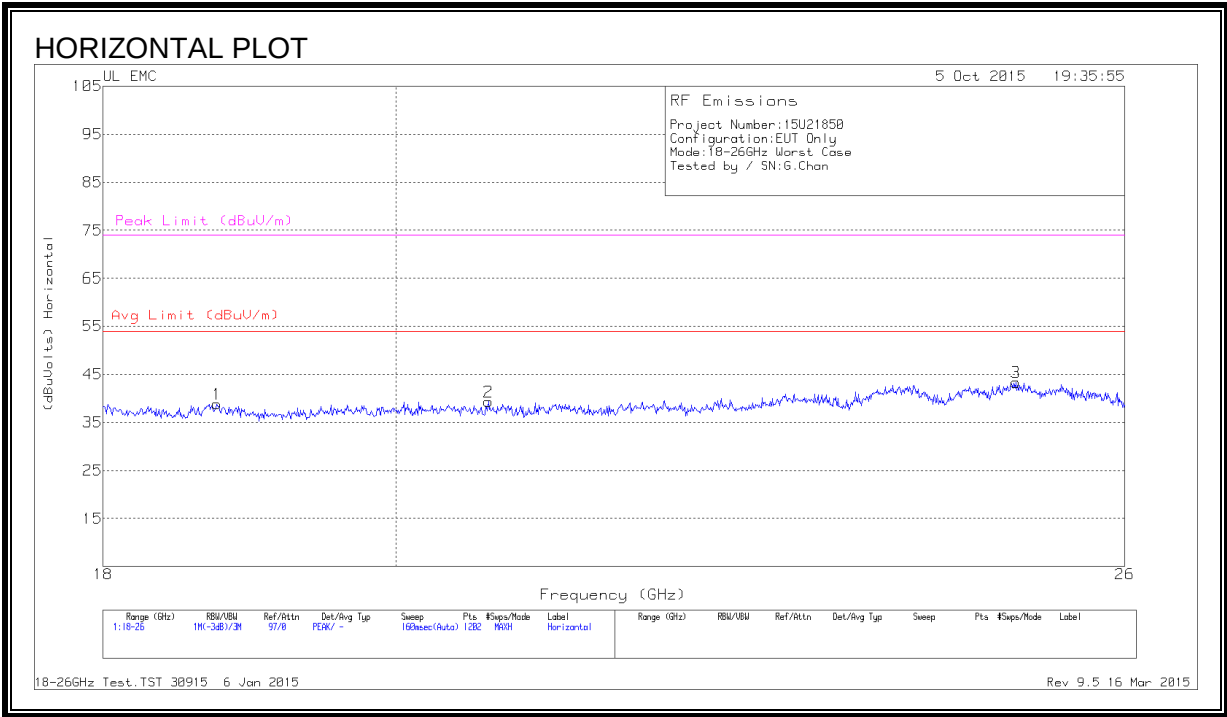
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
8	* 168.21	33.59	Pk	11.8	-29.9	15.49	43.52	-28.03	0-360	100	V
5	30.425	31.14	Pk	21.4	-31.3	21.24	40	-18.76	0-360	100	V
6	34.8875	32.95	Pk	18.5	-31.2	20.25	40	-19.75	0-360	100	V
1	34.9725	30.52	Pk	18.4	-31.2	17.72	40	-22.28	0-360	301	H
2	151.3375	33.92	Pk	12.4	-30.1	16.22	43.52	-27.3	0-360	201	H
7	151.3375	33.78	Pk	12.4	-30.1	16.08	43.52	-27.44	0-360	100	V
3	315.9	31.39	Pk	13.6	-29	15.99	46.02	-30.03	0-360	100	H
9	607.3	30.98	Pk	18.9	-28.1	21.78	46.02	-24.24	0-360	100	V
4	846.3	37.28	Pk	22	-27	32.28	46.02	-13.74	0-360	100	H

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

Pk - Peak detector

10.8. WORST-CASE ABOVE 18 GHz

SPURIOUS EMISSIONS 18000 TO 26000 MHz (WORST-CASE CONFIGURATION)

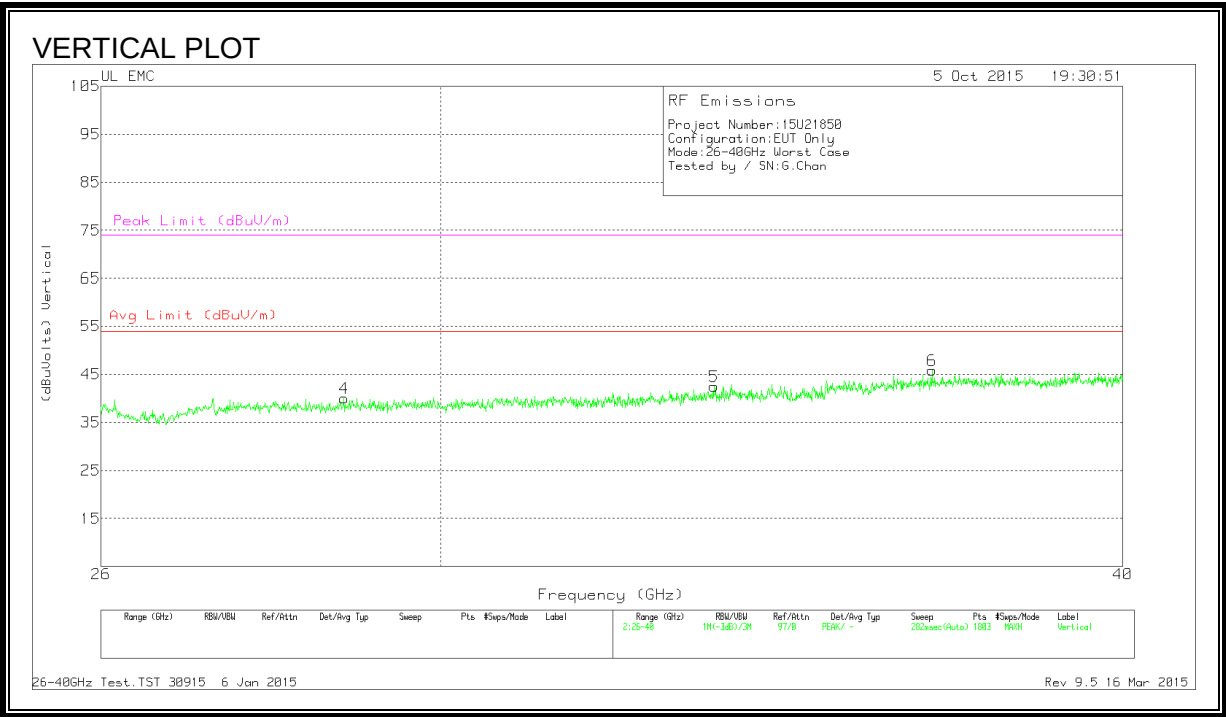
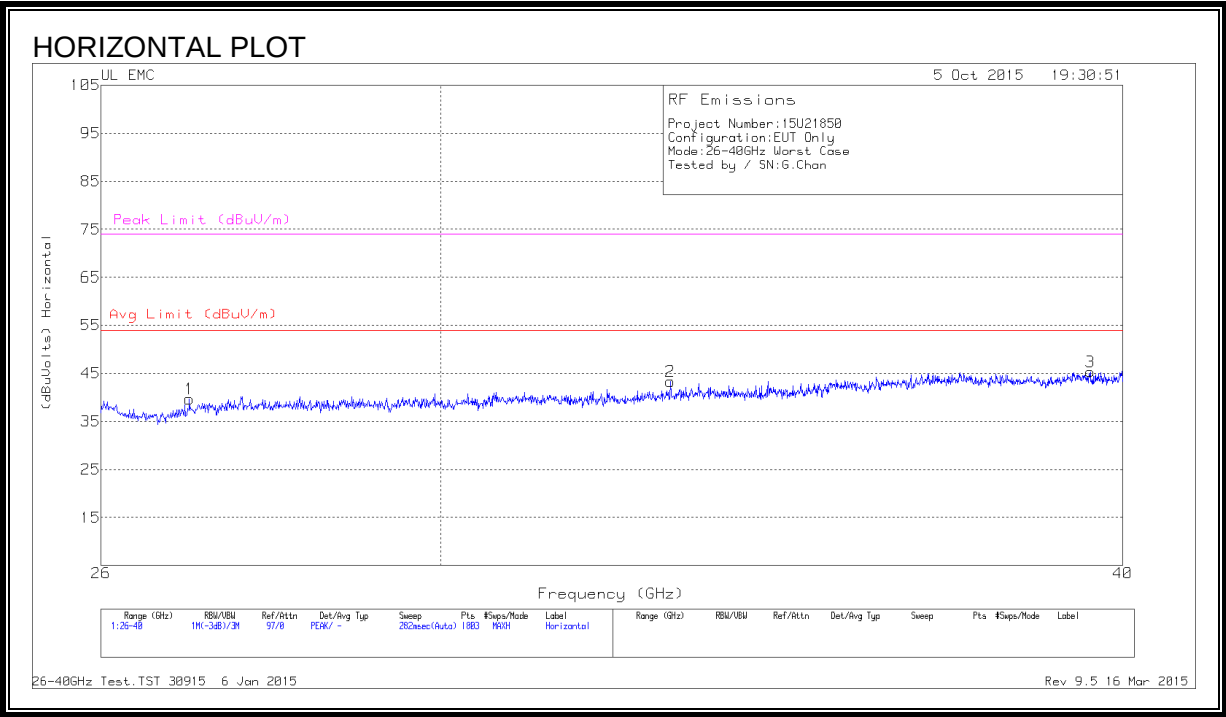


HORIZONTAL AND VERTICAL DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T89 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.753	40.33	Pk	32.6	-24.6	-9.5	38.83	54	-15.17	74	-35.17
2	20.678	41.13	Pk	32.8	-25.1	-9.5	39.33	54	-14.67	74	-34.67
3	25.001	43.23	Pk	34.2	-24.6	-9.5	43.33	54	-10.67	74	-30.67
4	19.579	41.43	Pk	32.5	-25.1	-9.5	39.33	54	-14.67	74	-34.67
5	21.704	40.63	Pk	33.3	-24.6	-9.5	39.83	54	-14.17	74	-34.17
6	23.975	43.23	Pk	33.3	-24.2	-9.5	42.83	54	-11.17	74	-31.17

Pk - Peak detector

SPURIOUS EMISSIONS 26000 TO 40000 MHz (WORST-CASE CONFIGURATION)



HORIZONTAL AND VERTICAL DATA

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	26.987	44.27	Pk	35.5	-30.6	-9.5	39.67	54	-14.33	74	-34.33
2	33.054	48.73	Pk	36.7	-32.6	-9.5	43.33	54	-10.67	74	-30.67
3	39.456	49.03	Pk	37.5	-31.7	-9.5	45.33	54	-8.67	74	-28.67
4	28.805	45.8	Pk	35.8	-32.1	-9.5	40	54	-14	74	-34
5	33.668	47.9	Pk	36.9	-32.8	-9.5	42.5	54	-11.5	74	-31.5
6	36.908	51.03	Pk	37.2	-32.9	-9.5	45.83	54	-8.167	74	-28.17

Pk - Peak detector

AC POWER LINE CONDUCTED EMISSIONS (MODEL: A1489)

LIMITS

FCC §15.207 (a)

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

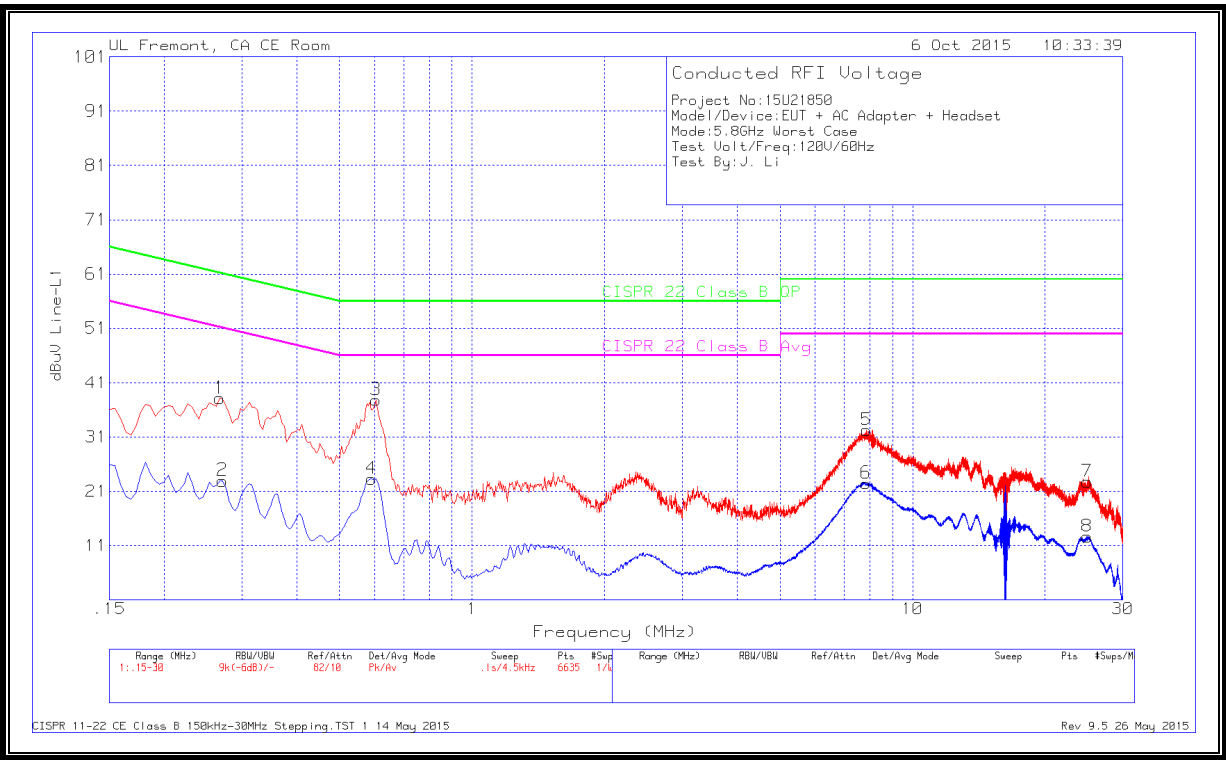
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.9. EUT POWERED BY AC ADAPTER

LINE 1 RESULTS



WORST EMISSIONS

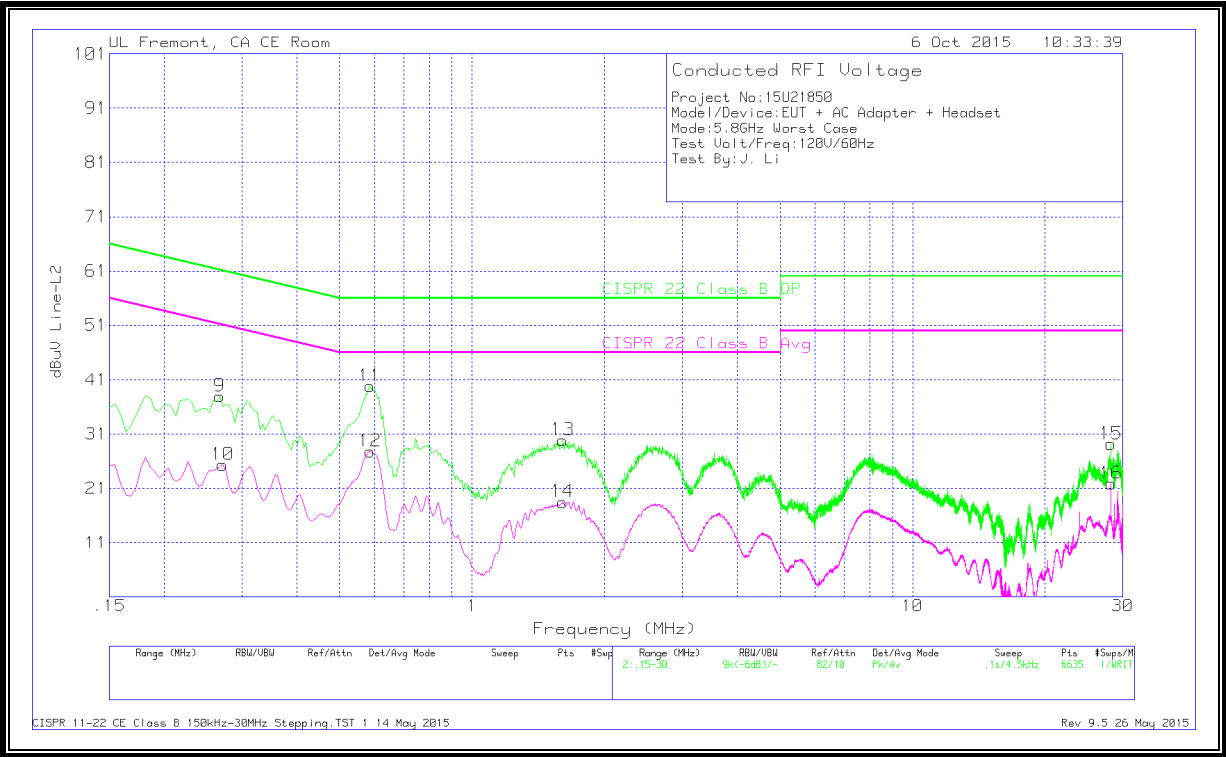
Trace Markers

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.267	37.51	Pk	.6	0	38.11	61.21	-23.1		
2	.2715	22.35	Av	.6	0	22.95	-	-	51.07	-28.12
3	.6045	37.52	Pk	.3	0	37.82	56	-18.18		
4	.591	23	Av	.3	0	23.3	-	-	46	-22.7
5	7.863	31.94	Pk	.2	.1	32.24	60	-27.76		
6	7.8405	22.15	Av	.2	.1	22.45	-	-	50	-27.55
7	24.9315	22.26	Pk	.3	.2	22.76	60	-37.24		
8	24.927	12.16	Av	.3	.2	12.66	-	-	50	-37.34

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
9	.267	37.26	Pk	.7	0	37.96	61.21	-23.25		
10	.2715	24.62	Av	.7	0	25.32	-	-	51.07	-25.75
11	.5865	39.51	Pk	.3	0	39.81	56	-16.19		
12	.5865	27.5	Av	.3	0	27.8	-	-	46	-18.2
13	1.608	29.57	Pk	.2	.1	29.87	56	-26.13		
14	1.6035	18.17	Av	.2	.1	18.47	-	-	46	-27.53
15	28.2255	28.54	Pk	.3	.3	29.14	60	-30.86		
16	28.2255	21.27	Av	.3	.3	21.87	-	-	50	-28.13

Pk - Peak detector

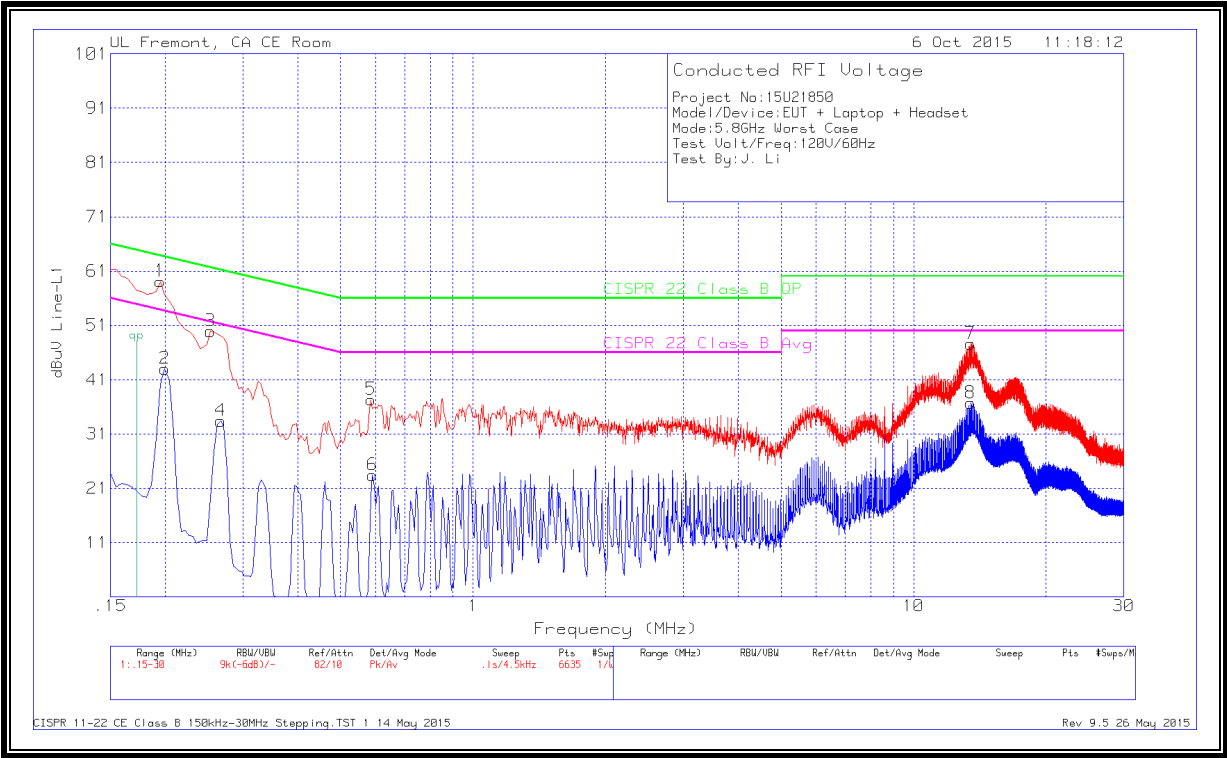
Av - Average detection

CISPR 11-22 CE Class B 150kHz-30MHz Stepping.TST 1 14 May 2015

Rev 9.5 26 May 2015

10.10. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



WORST EMISSIONS

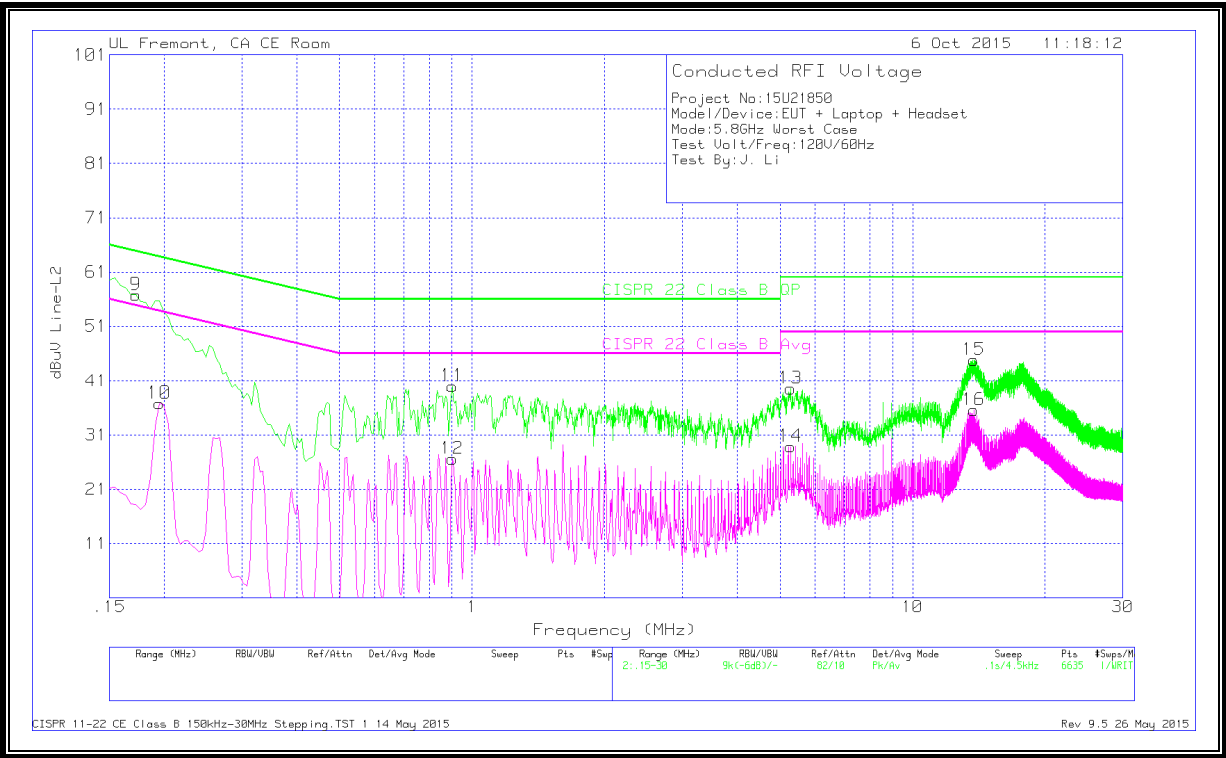
Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.195	46.98	Qp	1.1	0	48.08	64.84	-16.76	-	-
2	.1995	42.09	Av	.9	0	42.99	-	-	53.63	-10.64
3	.2535	49.2	Pk	.7	0	49.9	61.64	-11.74	-	-
4	.267	32.83	Av	.6	0	33.43	-	-	51.21	-17.78
5	.5865	37.01	Pk	.3	0	37.31	56	-18.69	-	-
6	.591	23.11	Av	.3	0	23.41	-	-	46	-22.59
7	13.47	47.18	Pk	.2	.2	47.58	60	-12.42	-	-
8	13.47	36.29	Av	.2	.2	36.69	-	-	50	-13.31

Pk - Peak detector

Av - Average detection

Qp - Quasi-Peak detector

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
9	.1725	55.59	Pk	1.2	0	56.79	64.84	-8.05		
10	.195	35.79	Av	1	0	36.79	-	-	53.82	-17.03
11	.9015	39.69	Pk	.3	0	39.99	56	-16.01		
12	.9015	26.32	Av	.3	0	26.62	-	-	46	-19.38
13	5.289	39.26	Pk	.2	.1	39.56	60	-20.44		
14	5.289	28.57	Av	.2	.1	28.87	-	-	50	-21.13
15	13.767	44.43	Pk	.2	.2	44.83	60	-15.17		
16	13.767	35.19	Av	.2	.2	35.59	-	-	50	-14.41

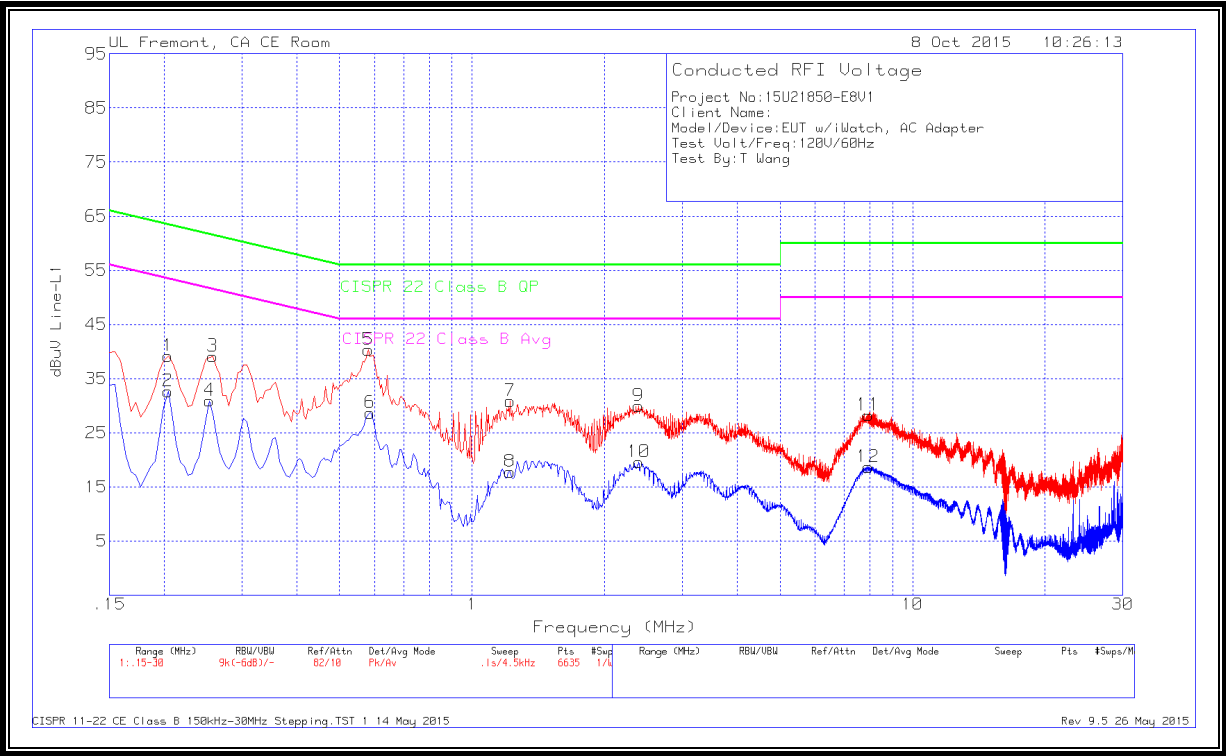
Pk - Peak detector

Av - Average detection

11. AC POWER LINE CONDUCTED EMISSIONS (MODELS: A1622, A1623)

11.1. MODEL: A1622 (EUT WITH 10W AC ADAPTER)

LINE 1 RESULTS



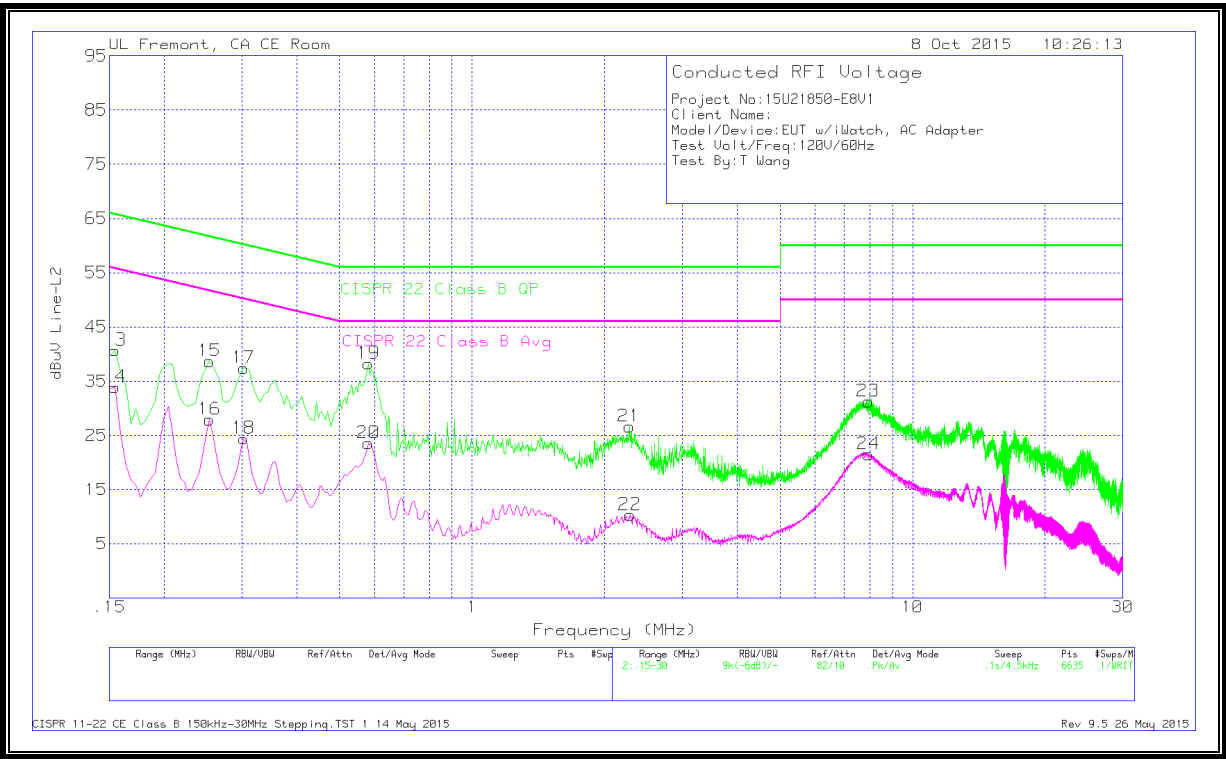
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.204	38.29	Pk	.9	0	39.19	63.45	-24.26	53.45	-14.26
2	.204	31.79	Av	.9	0	32.69	-	-	53.45	-20.76
3	.258	38.42	Pk	.7	0	39.12	61.5	-22.38	51.5	-12.38
4	.2535	30.22	Av	.7	0	30.92	-	-	51.64	-20.72
5	.582	40.03	Pk	.3	0	40.33	56	-15.67	46	-5.67
6	.5865	28.4	Av	.3	0	28.7	-	-	46	-17.3
7	1.221	30.57	Pk	.2	.1	30.87	56	-25.13	46	-15.13
8	1.21875	17.51	Av	.2	.1	17.81	-	-	46	-28.19
9	2.3865	29.66	Pk	.2	.1	29.96	56	-26.04	46	-16.04
10	2.391	19.29	Av	.2	.1	19.59	-	-	46	-26.41
11	7.9395	27.95	Pk	.2	.1	28.25	60	-31.75	50	-21.75
12	7.9305	18.38	Av	.2	.1	18.68	-	-	50	-31.32

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

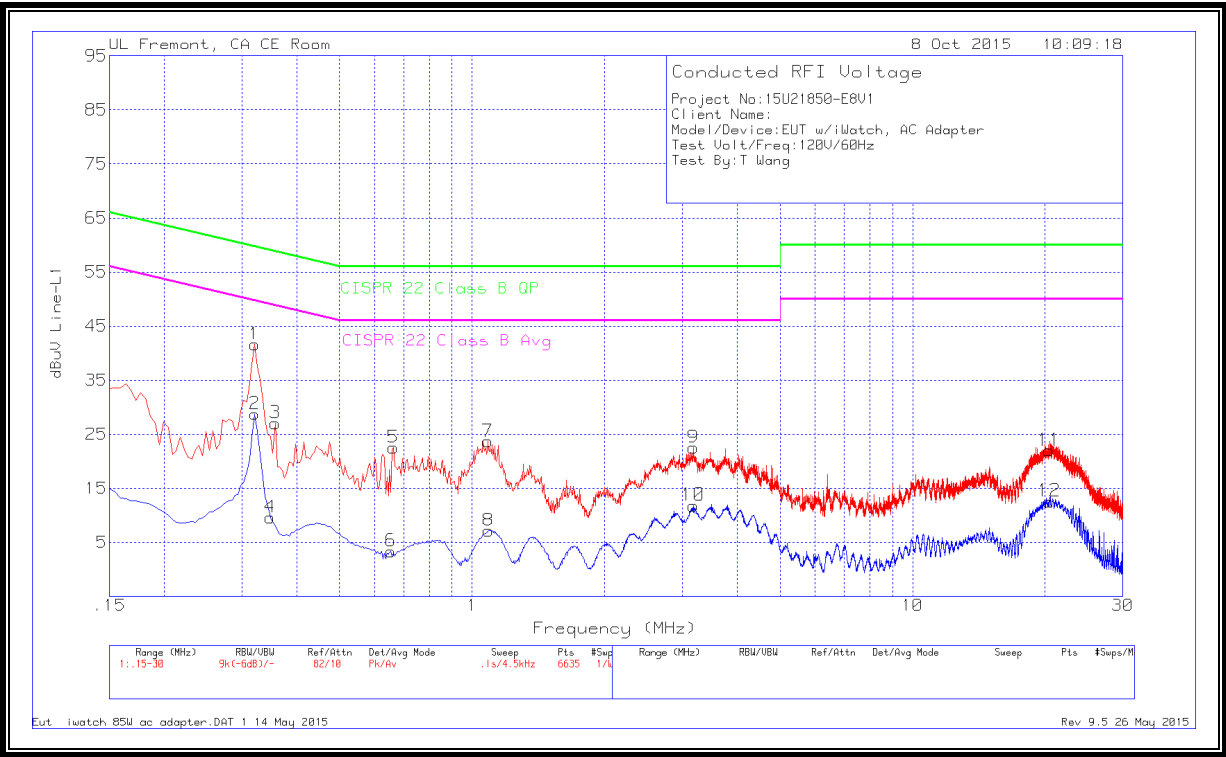
Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.1545	39.27	Pk	1.4	0	40.67	65.75	-25.08	55.75	-15.08
14	.1545	32.49	Av	1.4	0	33.89	-	-	55.75	-21.86
15	.2535	37.97	Pk	.7	0	38.67	61.64	-22.97	51.64	-12.97
16	.2535	27.2	Av	.7	0	27.9	-	-	51.64	-23.74
17	.303	36.79	Pk	.6	0	37.39	60.16	-22.77	50.16	-12.77
18	.303	23.8	Av	.6	0	24.4	-	-	50.16	-25.76
19	.582	37.92	Pk	.3	0	38.22	56	-17.78	46	-7.78
20	.582	23.24	Av	.3	0	23.54	-	-	46	-22.46
21	2.274	26.34	Pk	.2	.1	26.64	56	-29.36	46	-19.36
22	2.283	10.03	Av	.2	.1	10.33	-	-	46	-35.67
23	7.935	30.98	Pk	.2	.1	31.28	60	-28.72	50	-18.72
24	7.944	21.23	Av	.2	.1	21.53	-	-	50	-28.47

Pk - Peak detector

Av - Average detection

11.2. MODEL: A1622 (EUT WITH 85W AC ADAPTER)

LINE 1 RESULTS



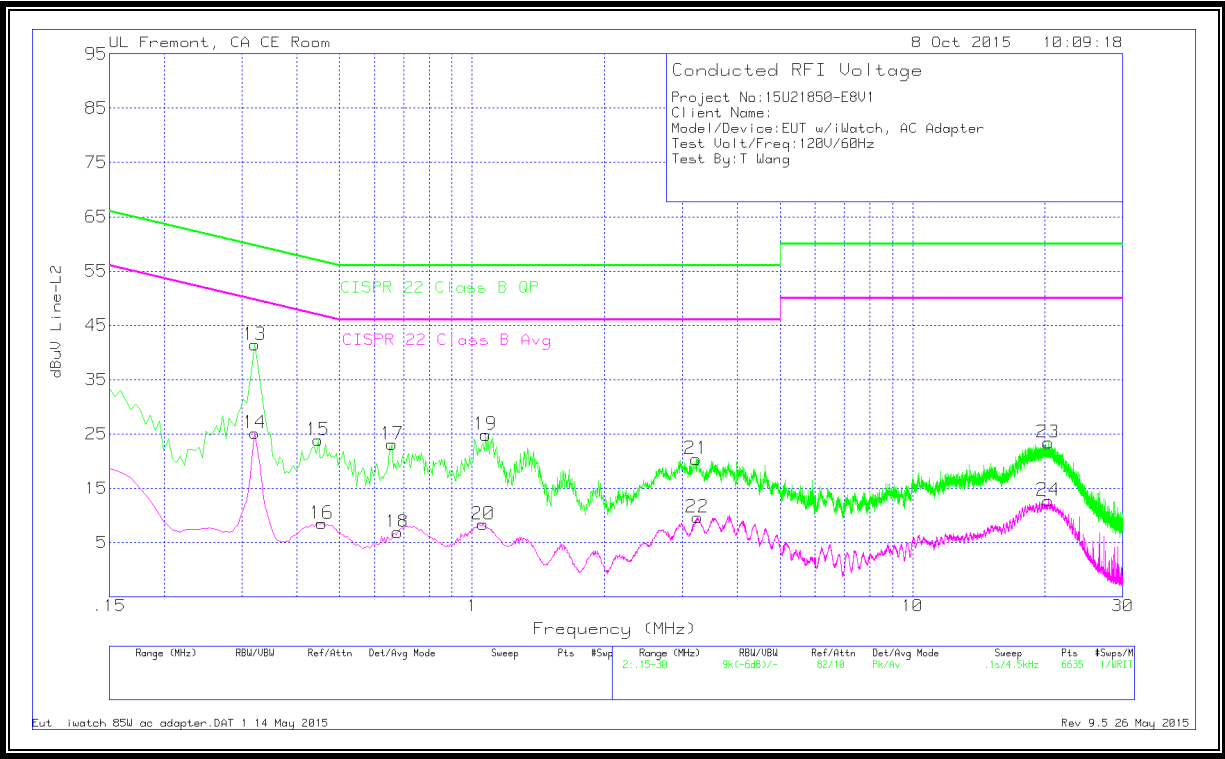
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.321	41.1	Pk	.5	0	41.6	59.68	-18.08	49.68	-8.08
2	.321	28.26	Av	.5	0	28.76	-	-	49.68	-20.92
3	.357	26.56	Pk	.5	0	27.06	58.8	-31.74	48.8	-21.74
4	.348	9.11	Av	.5	0	9.61	-	-	49.01	-39.4
5	.663	22.22	Pk	.3	0	22.52	56	-33.48	46	-23.48
6	.654	3.07	Av	.3	0	3.37	-	-	46	-42.63
7	1.086	23.46	Pk	.2	0	23.66	56	-32.34	46	-22.34
8	1.0905	6.98	Av	.2	0	7.18	-	-	46	-38.82
9	3.1785	22.24	Pk	.2	.1	22.54	56	-33.46	46	-23.46
10	3.1785	11.53	Av	.2	.1	11.83	-	-	46	-34.17
11	20.427	21.5	Pk	.3	.2	22	60	-38	50	-28
12	20.427	12.09	Av	.3	.2	12.59	-	-	50	-37.41

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

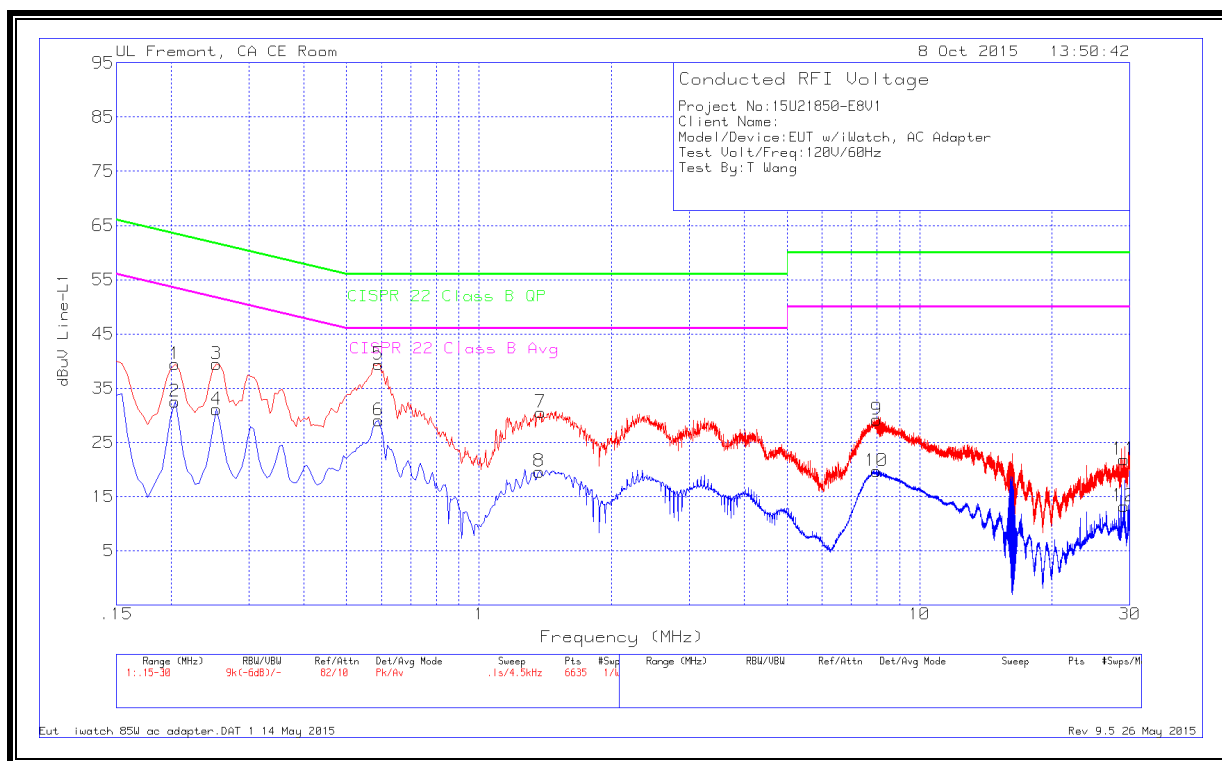
Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.321	40.84	Pk	.6	0	41.44	59.68	-18.24	49.68	-8.24
14	.321	24.57	Av	.6	0	25.17	-	-	49.68	-24.51
15	.447	23.48	Pk	.4	0	23.88	56.93	-33.05	46.93	-23.05
16	.456	8.13	Av	.4	0	8.53	-	-	46.77	-38.24
17	.6585	22.83	Pk	.3	0	23.13	56	-32.87	46	-22.87
18	.6765	6.64	Av	.3	0	6.94	-	-	46	-39.06
19	1.0725	24.48	Pk	.3	.1	24.88	56	-31.12	46	-21.12
20	1.059	8.1	Av	.3	0	8.4	-	-	46	-37.6
21	3.2235	20.11	Pk	.2	.1	20.41	56	-35.59	46	-25.59
22	3.246	9.37	Av	.2	.1	9.67	-	-	46	-36.33
23	20.319	22.97	Pk	.3	.2	23.47	60	-36.53	50	-26.53
24	20.319	12.23	Av	.3	.2	12.73	-	-	50	-37.27

Pk - Peak detector

Av - Average detection

11.3. MODEL: A1623 (EUT WITH 10W AC ADAPTER)

LINE 1 RESULTS



WORST EMISSIONS

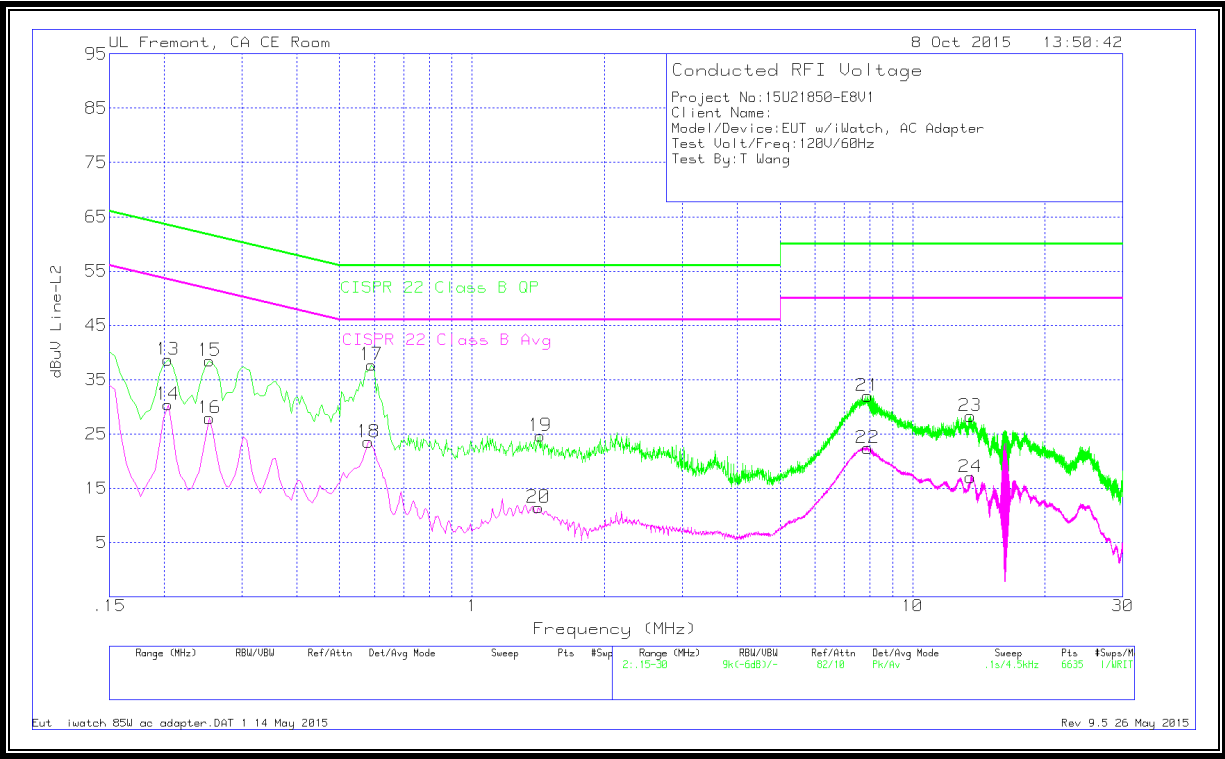
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.204	38.54	Pk	.9	0	39.44	63.45	-24.01	53.45	-14.01
2	.204	31.64	Av	.9	0	32.54	-	-	53.45	-20.91
3	.2535	38.77	Pk	.7	0	39.47	61.64	-22.17	51.64	-12.17
4	.2535	30.38	Av	.7	0	31.08	-	-	51.64	-20.56
5	.591	39.09	Pk	.3	0	39.39	56	-16.61	46	-6.61
6	.591	28.76	Av	.3	0	29.06	-	-	46	-16.94
7	1.3785	30.23	Pk	.2	.1	30.53	56	-25.47	46	-15.47
8	1.3695	19.34	Av	.2	.1	19.64	-	-	46	-26.36
9	7.9935	28.89	Pk	.2	.1	29.19	60	-30.81	50	-20.81
10	7.98	19.43	Av	.2	.1	19.73	-	-	50	-30.27
11	29.1165	21.25	Pk	.3	.3	21.85	60	-38.15	50	-28.15
12	29.1165	12.64	Av	.3	.3	13.24	-	-	50	-36.76

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

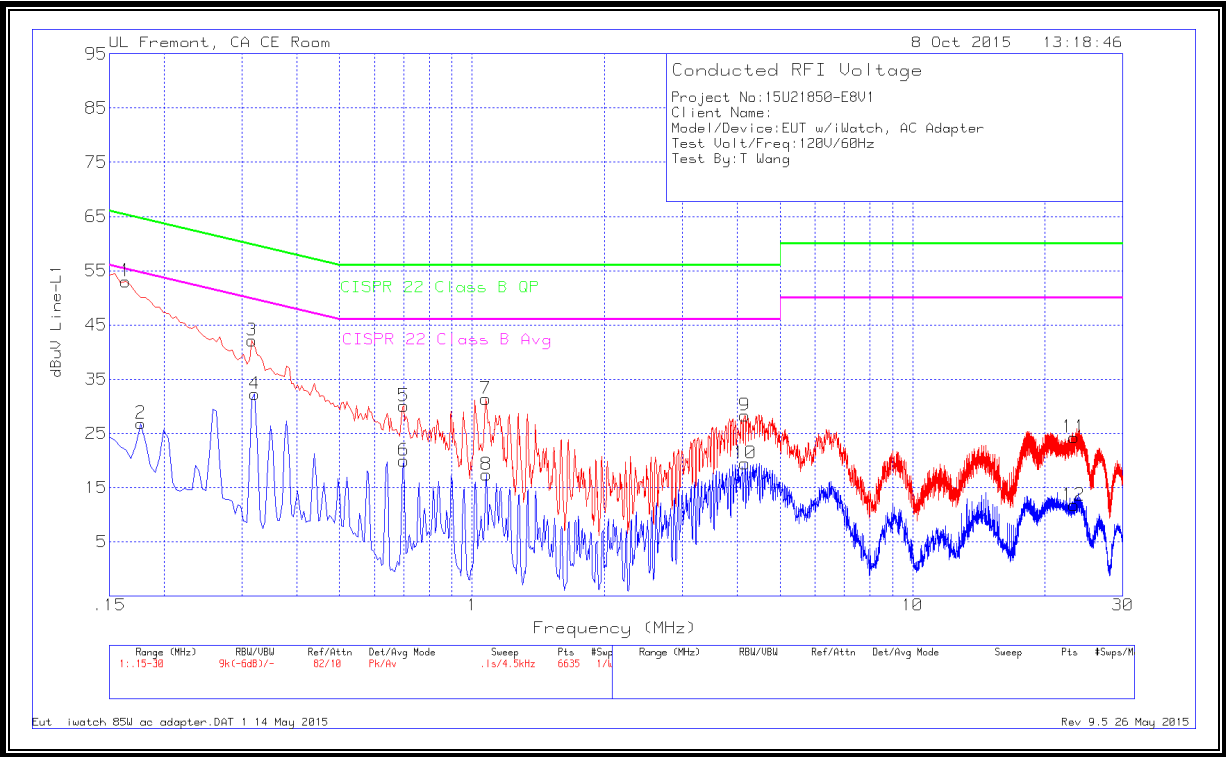
Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
13	.204	37.66	Pk	1	0	38.66	63.45	-24.79	53.45	-14.79
14	.204	29.42	Av	1	0	30.42	-	-	53.45	-23.03
15	.2535	37.79	Pk	.7	0	38.49	61.64	-23.15	51.64	-13.15
16	.2535	27.22	Av	.7	0	27.92	-	-	51.64	-23.72
17	.591	37.4	Pk	.3	0	37.7	56	-18.3	46	-8.3
18	.582	23.22	Av	.3	0	23.52	-	-	46	-22.48
19	1.428	24.35	Pk	.2	.1	24.65	56	-31.35	46	-21.35
20	1.4145	11.16	Av	.2	.1	11.46	-	-	46	-34.54
21	7.908	31.73	Pk	.2	.1	32.03	60	-27.97	50	-17.97
22	7.908	22.13	Av	.2	.1	22.43	-	-	50	-27.57
23	13.524	27.9	Pk	.2	.2	28.3	60	-31.7	50	-21.7
24	13.542	16.65	Av	.2	.2	17.05	-	-	50	-32.95

Pk - Peak detector

Av - Average detection

11.4. MODEL: A1623 (EUT WITH 85W AC ADAPTER)

LINE 1 RESULTS



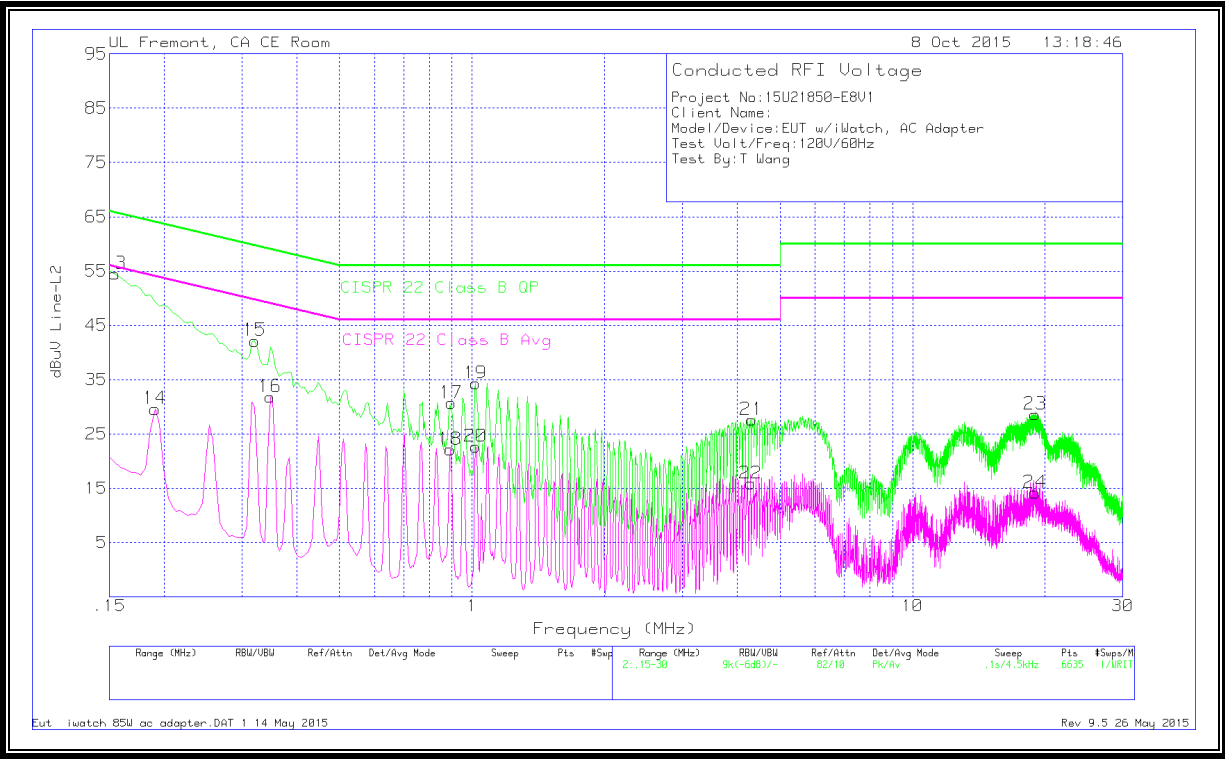
WORST EMISSIONS

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)
1	.1635	51.86	Pk	1.2	0	53.06	65.28	-12.22	55.28	-2.22
2	.177	25.72	Av	1.1	0	26.82	-	-	54.63	-27.81
3	.3165	41.64	Pk	.5	0	42.14	59.8	-17.66	49.8	-7.66
4	.321	31.75	Av	.5	0	32.25	-	-	49.68	-17.43
5	.699	29.75	Pk	.3	0	30.05	56	-25.95	46	-15.95
6	.699	19.69	Av	.3	0	19.99	-	-	46	-26.01
7	1.0725	31.18	Pk	.2	0	31.38	56	-24.62	46	-14.62
8	1.077	17.18	Av	.2	0	17.38	-	-	46	-28.62
9	4.155	27.98	Pk	.2	.1	28.28	56	-27.72	46	-17.72
10	4.164	19.15	Av	.2	.1	19.45	-	-	46	-26.55
11	23.235	23.77	Pk	.3	.2	24.27	60	-35.73	50	-25.73
12	23.235	11.24	Av	.3	.2	11.74	-	-	50	-38.26

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L2	LC Cables 2&3	Corrected Reading dBuV	CISPR 22 Class B QP	Margin (dB)	CISPR 22 Class B Avg	Margin (dB)	
13	.1545	53.08	Pk	1.4	0	54.48	65.75	-11.27	55.75	-1.27	
14	.1905	28.53	Av	1.1	0	29.63	-	-	54.01	-24.38	
15	.321	41.58	Pk	.6	0	42.18	59.68	-17.5	49.68	-7.5	
16	.348	31.32	Av	.5	0	31.82	-	-	49.01	-17.19	
17	.897	30.4	Pk	.3	0	30.7	56	-25.3	46	-15.3	
18	.8925	21.81	Av	.3	0	22.11	-	-	46	-23.89	
19	1.0185	34	Pk	.3	0	34.3	56	-21.7	46	-11.7	
20	1.0185	22.4	Av	.3	0	22.7	-	-	46	-23.3	
21	4.3125	27.29	Pk	.2	.1	27.59	56	-28.41	46	-18.41	
22	4.29	15.57	Av	.2	.1	15.87	-	-	46	-30.13	
23	18.996	28.13	Pk	.3	.2	28.63	60	-31.37	50	-21.37	
24	18.978	13.67	Av	.3	.2	14.17	-	-	50	-35.83	

Pk - Peak detector

Av - Average detection