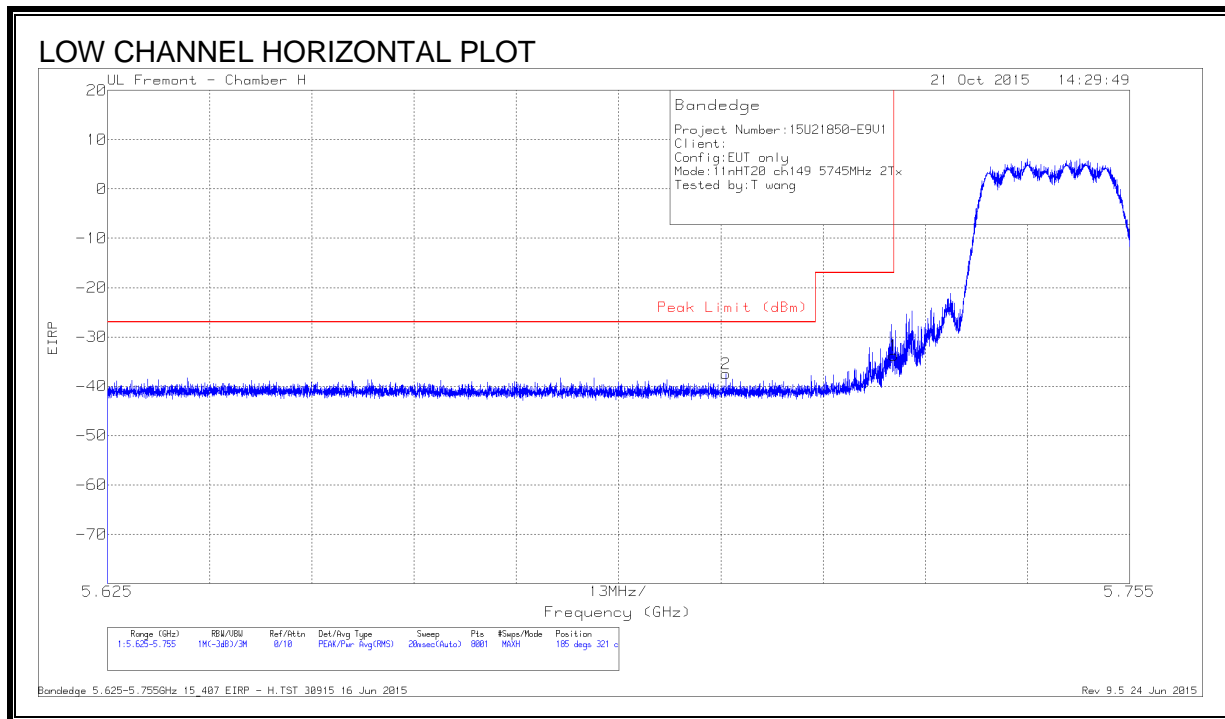


9.3.802.11n HT20 2Tx CDD MODE IN THE 5.8 GHz BAND

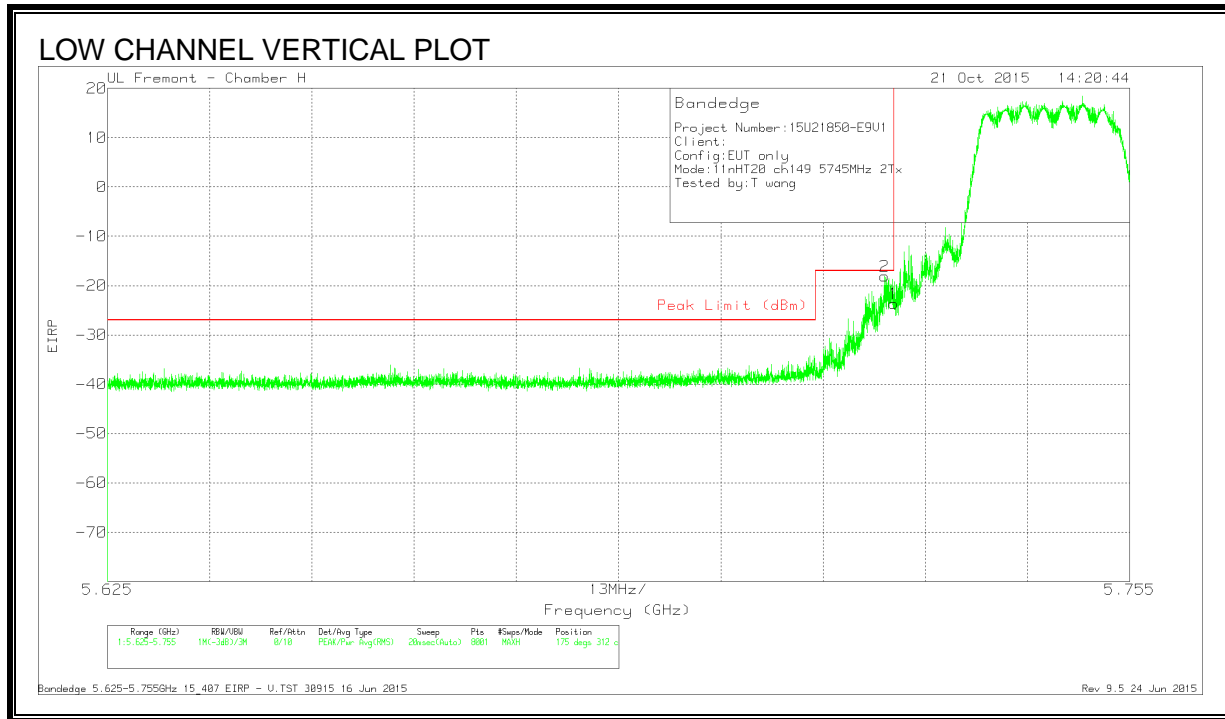
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.704	-62.72	Pk	34.8	-21.3	11.8	-37.42	-27	-10.42	185	321	H
1	5.725	-59.05	Pk	34.8	-21.3	11.8	-33.75	-17	-16.75	185	321	H

Pk - Peak detector

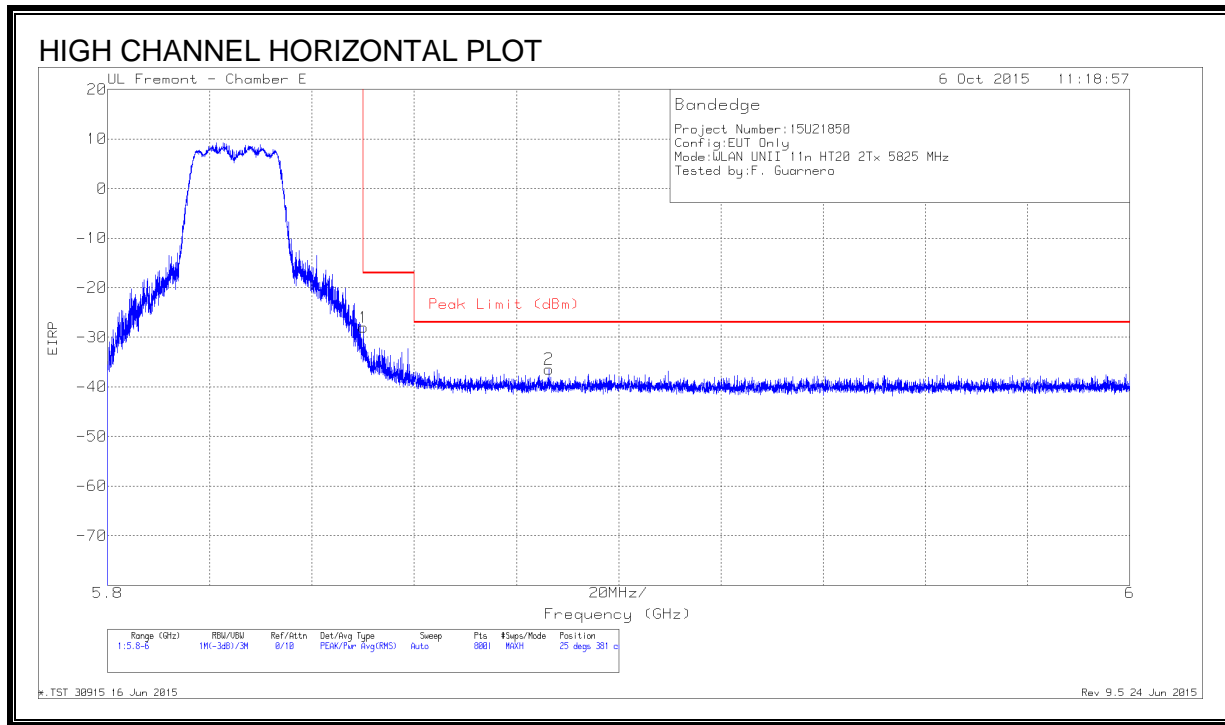


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.724	-43.37	Pk	34.8	-21.3	11.8	-18.07	-17	-1.07	175	312	V
1	5.725	-48.99	Pk	34.8	-21.3	11.8	-23.69	-17	-6.69	175	312	V

Pk - Peak detector

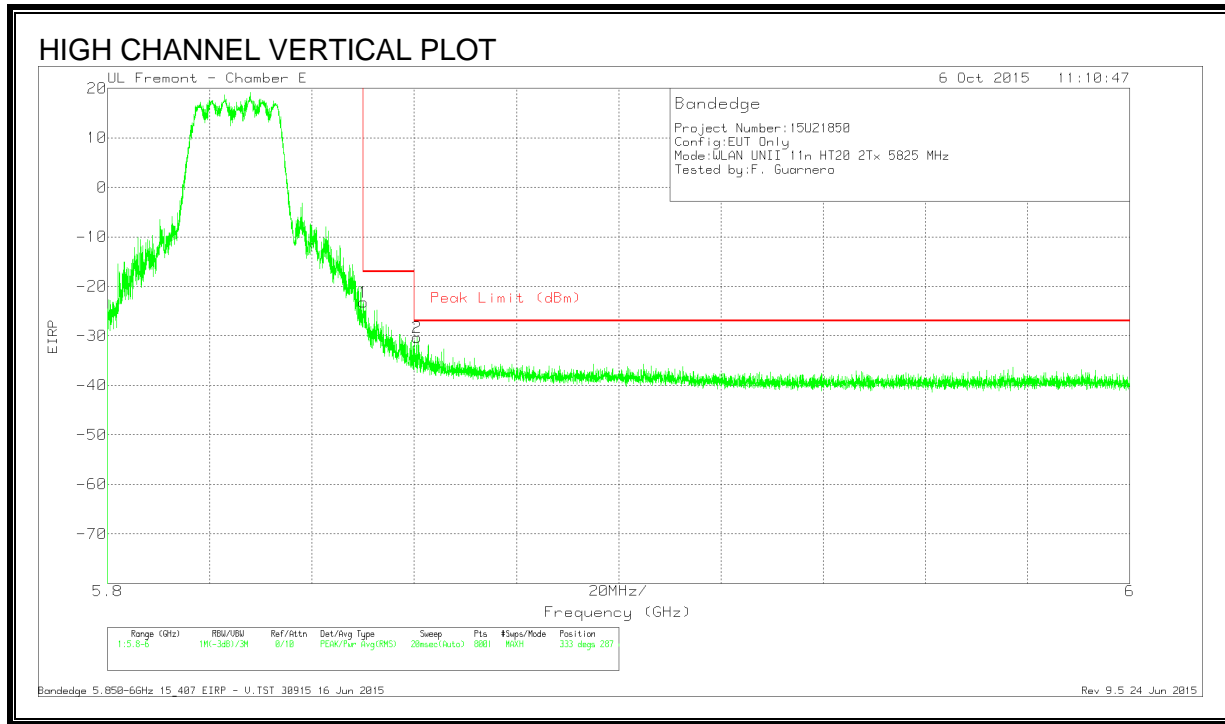
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-54.35	Pk	34.9	-20.3	11.8	-27.95	-17	-10.95	25	381	H
2	5.886	-62.80	Pk	34.9	-20.3	11.8	-36.40	-27	-9.40	25	381	H

Pk - Peak detector

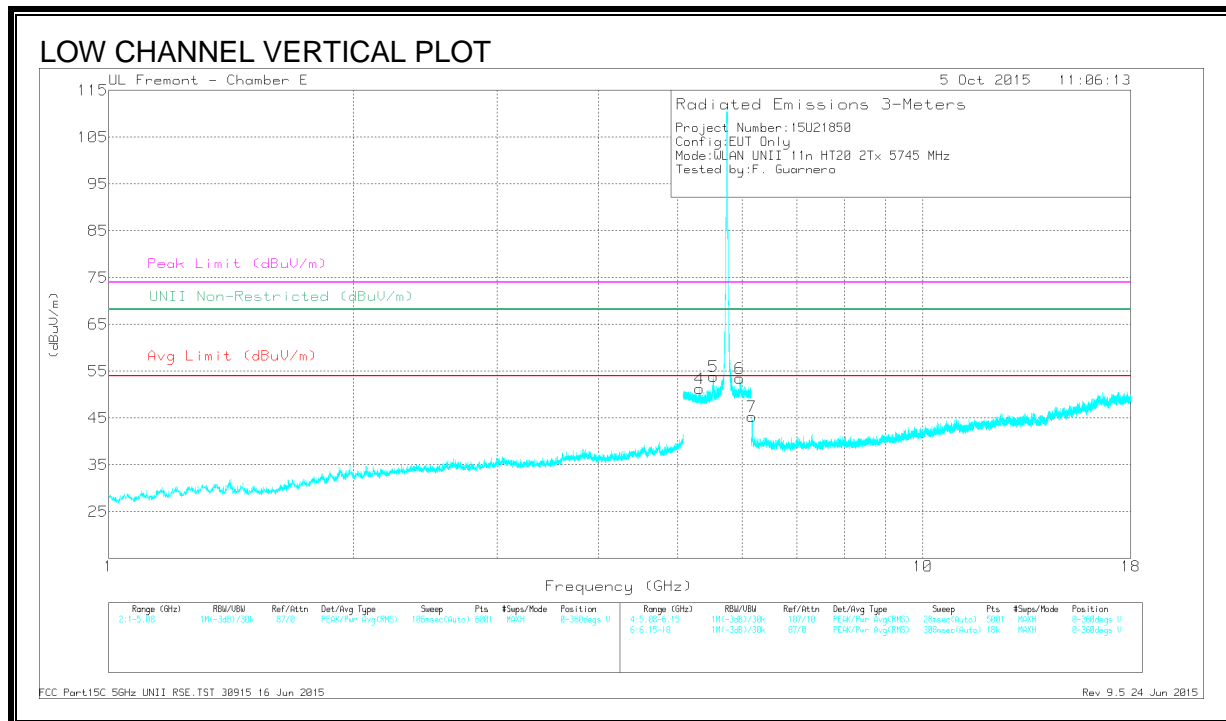
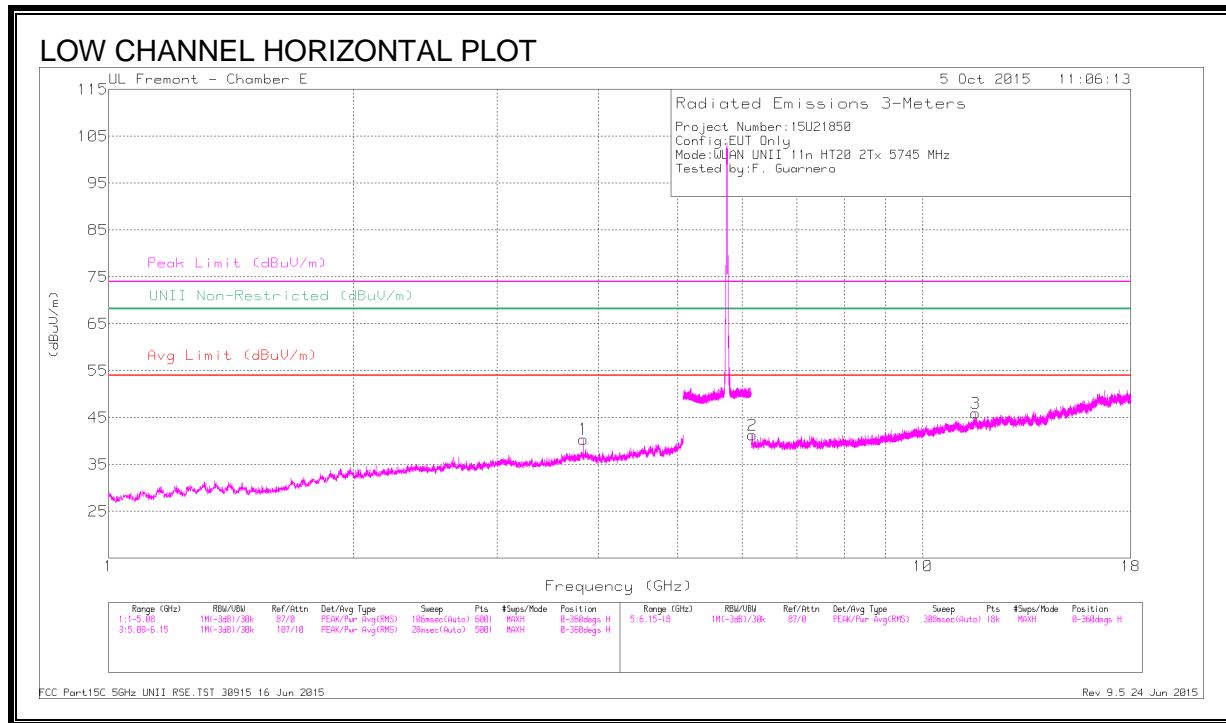


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-49.63	Pk	34.9	-20.3	11.8	-23.23	-17	-6.23	333	287	V
2	5.861	-56.57	Pk	34.9	-20.4	11.8	-30.27	-27	-3.27	333	287	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

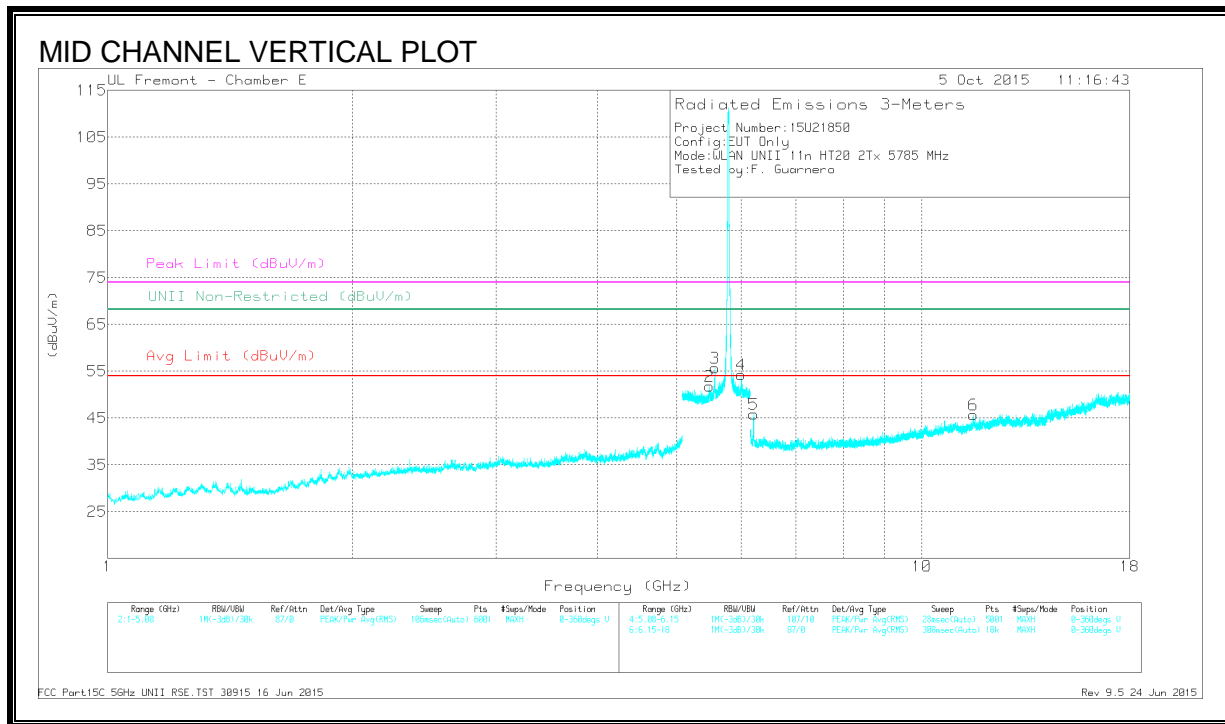
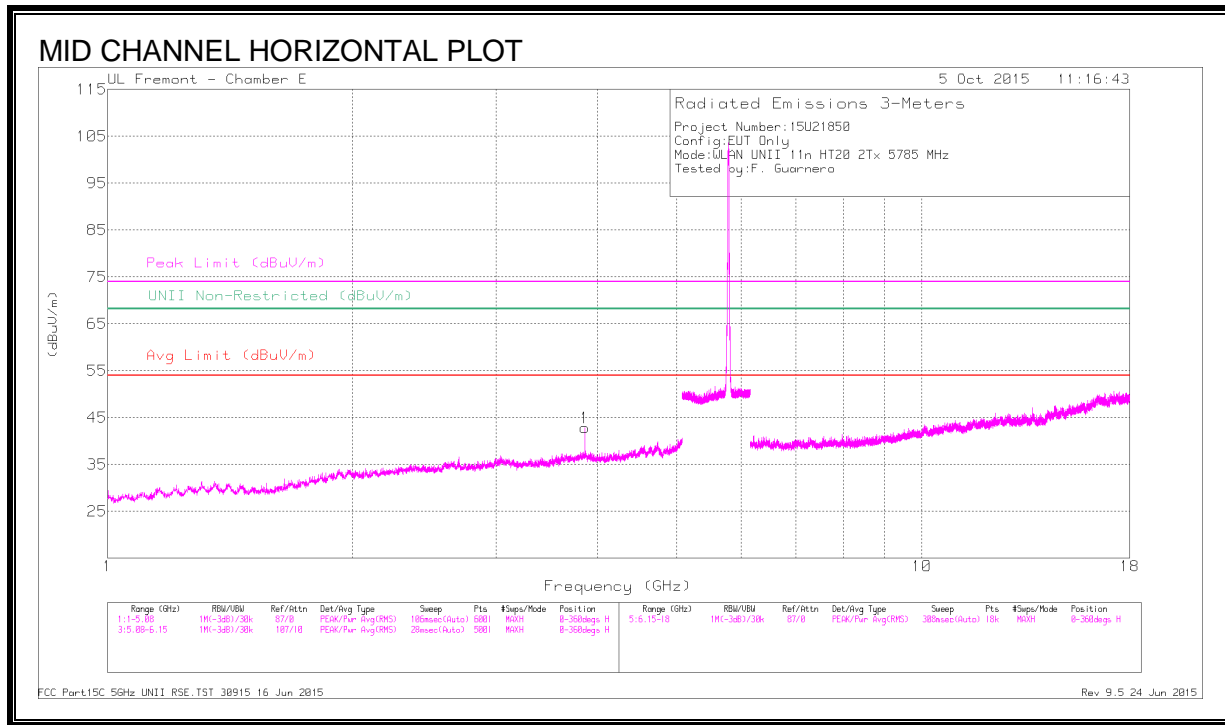
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.830	43.34	PK-U	33.5	-29.9	46.94	-	-	74	-27.06	-	-	40	125	H
	* 3.830	35.52	ADR	33.5	-29.9	39.12	54	-14.88	-	-	-	-	40	125	H
2	6.164	42.65	PK-U	35.3	-28.3	49.65	-	-	-	-	68.2	-18.55	33	400	H
3	* 11.591	37.06	PK-U	38.1	-22.6	52.56	-	-	74	-21.44	-	-	356	332	H
	* 11.601	24.46	ADR	38.1	-22.8	39.76	54	-14.24	-	-	-	-	356	332	H
4	5.312	44.62	PK-U	34.5	-20.5	58.62	-	-	-	-	68.2	-9.58	46	233	V
5	5.532	48.09	PK-U	34.6	-20.4	62.29	-	-	-	-	68.2	-5.91	50	105	V
6	5.957	47.01	PK-U	35.0	-20.2	61.81	-	-	-	-	68.2	-6.39	64	121	V
7	6.171	46.08	PK-U	35.3	-28.2	53.18	-	-	-	-	68.2	-15.02	61	145	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

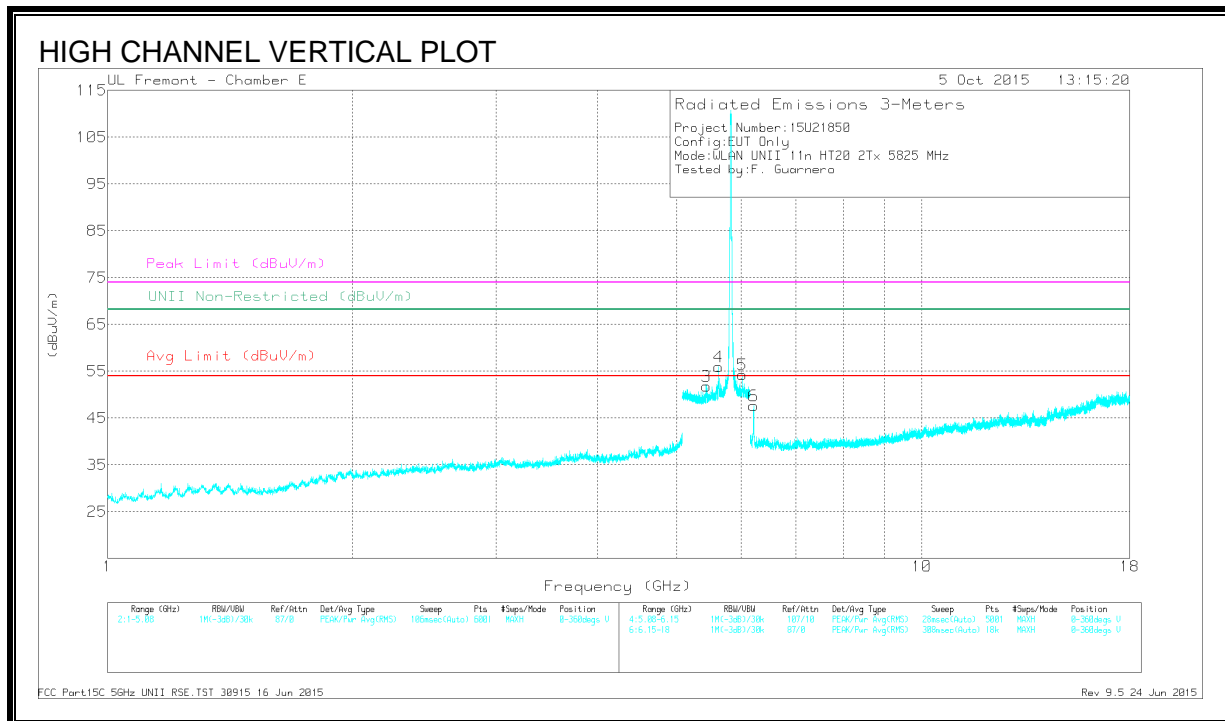
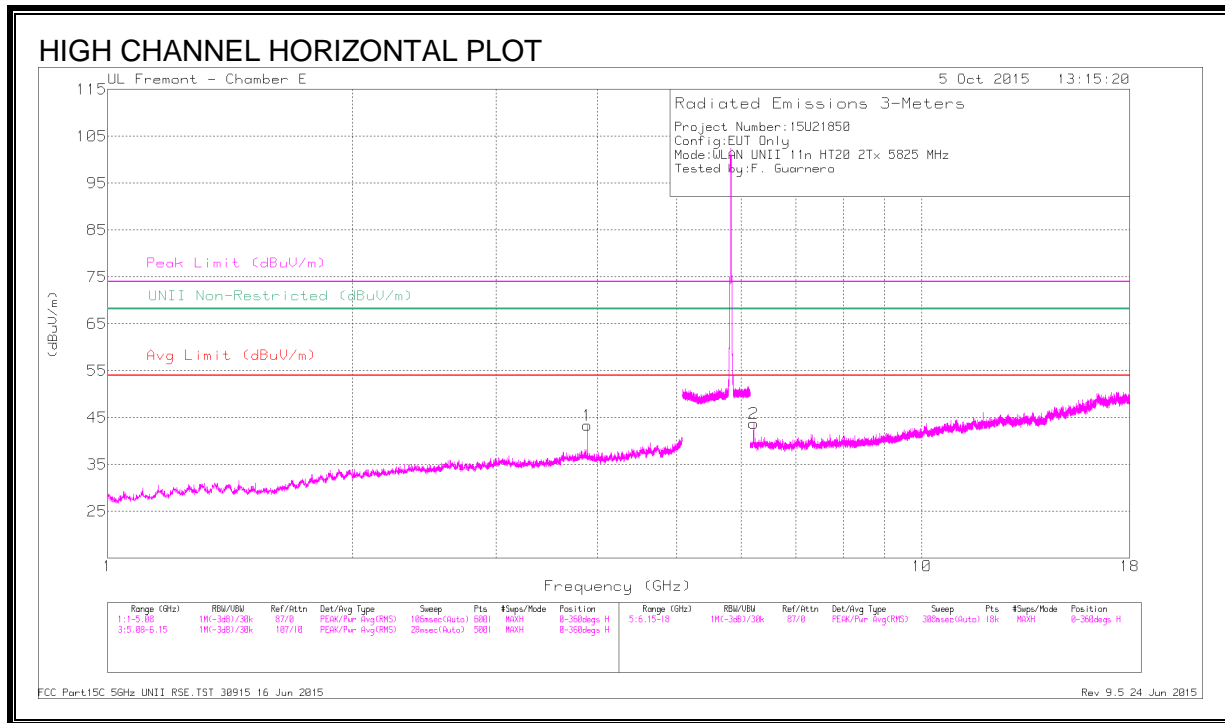
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.856	44.88	PK-U	33.5	-29.8	48.58	-	-	74	-25.42	-	-	80	104	H
	* 3.857	38.60	ADR	33.5	-29.9	42.20	54	-11.80	-	-	-	-	80	104	H
2	5.484	45.12	PK-U	34.6	-20.4	59.32	-	-	-	-	68.2	-8.88	60	103	V
3	5.571	47.32	PK-U	34.5	-20.3	61.52	-	-	-	-	68.2	-6.68	47	268	V
4	5.999	47.23	PK-U	35.1	-19.9	62.43	-	-	-	-	68.2	-5.77	65	123	V
5	6.214	46.44	PK-U	35.4	-28.0	53.84	-	-	-	-	68.2	-14.36	62	328	V
6	* 11.573	36.28	PK-U	38.1	-22.2	52.18	-	-	74	-21.82	-	-	219	156	V
	* 11.568	24.43	ADR	38.1	-22.3	40.23	54	-13.77	-	-	-	-	219	156	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 3.883	45.74	PK-U	33.5	-30.2	49.04	-	-	74	-24.96	-	-	253	145	H
	* 3.883	39.89	ADR	33.5	-30.2	43.19	54	-10.81	-	-	-	-	253	145	H
2	6.213	42.61	PK-U	35.4	-28.0	50.01	-	-	-	-	68.2	-18.19	230	170	H
3	* 5.440	46.36	PK-U	34.6	-20.6	60.36	-	-	74	-13.64	-	-	239	247	V
	* 5.440	34.68	ADR	34.6	-20.6	48.68	54	-5.32	-	-	-	-	239	247	V
4	5.631	48.51	PK-U	34.6	-20.1	63.01	-	-	-	-	68.2	-5.19	226	155	V
5	6.019	47.08	PK-U	35.2	-19.9	62.38	-	-	-	-	68.2	-5.82	244	132	V
6	6.213	47.96	PK-U	35.4	-28.0	55.36	-	-	-	-	68.2	-12.84	241	229	V

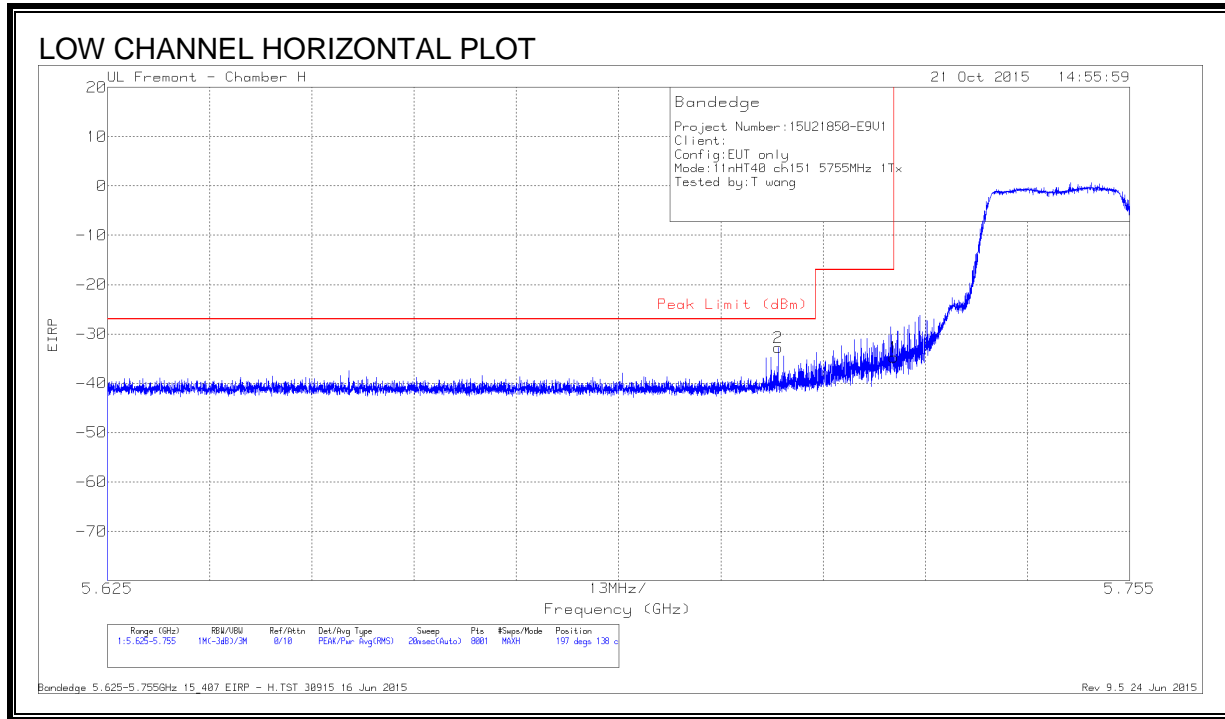
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.4.802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

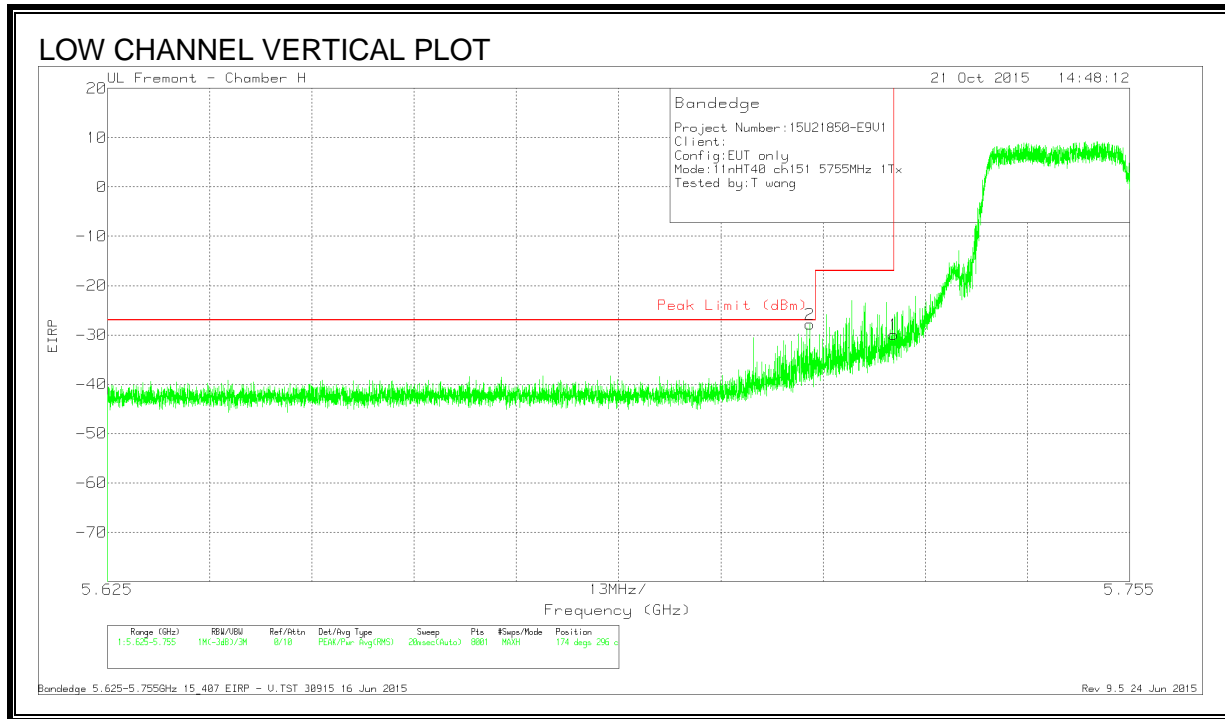
9.4.1. CHAIN 0, RESTRICTED BANDEGE AND HARMONIC SPURIOUS



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.71	-58.06	Pk	34.8	-21.3	11.8	-32.76	-27	-5.76	197	138	H
1	5.725	-60.06	Pk	34.8	-21.3	11.8	-34.76	-17	-17.76	197	138	H

Pk - Peak detector

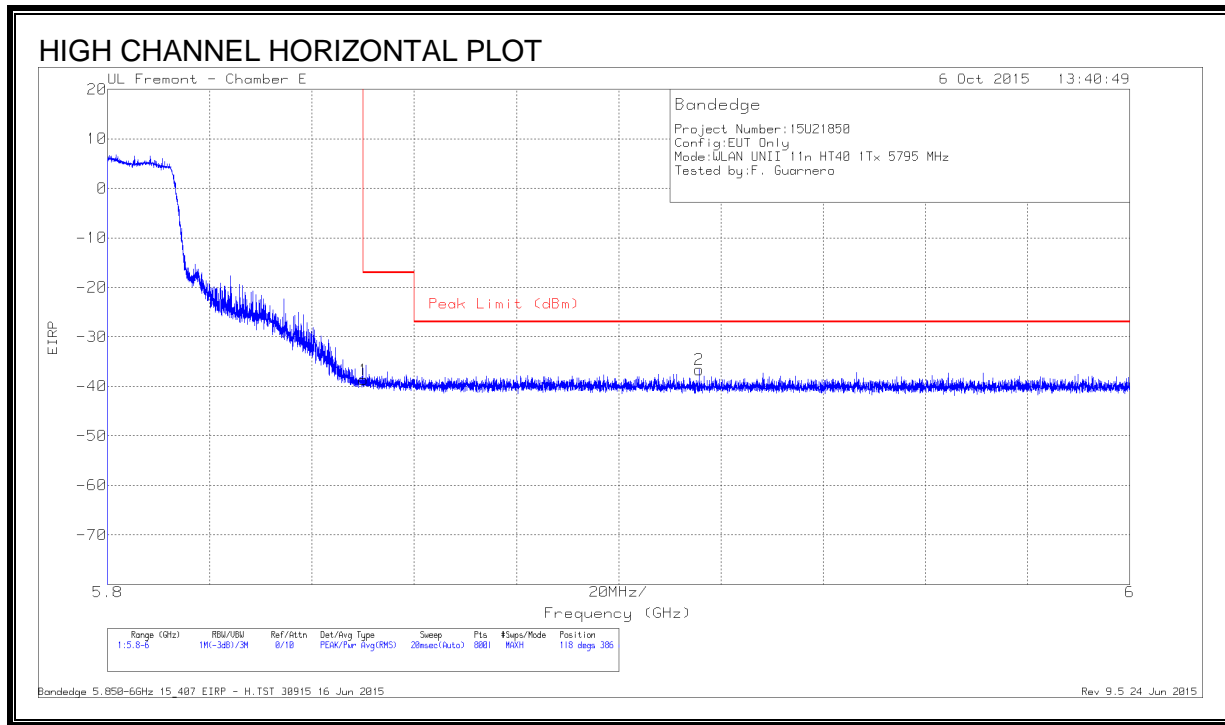


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-53.16	Pk	34.8	-21.3	11.8	-27.86	-27	-.86	174	296	V
1	5.725	-55.24	Pk	34.8	-21.3	11.8	-29.94	-17	-12.94	174	296	V

Pk - Peak detector

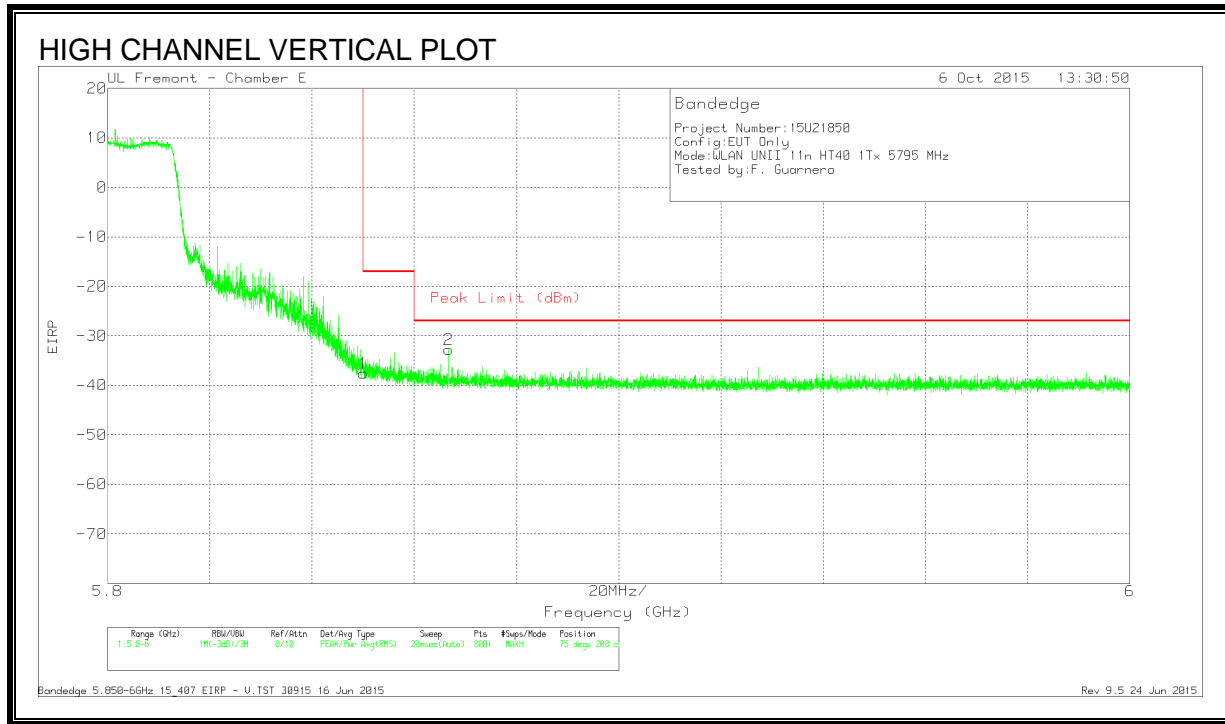
RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-65.08	Pk	34.9	-20.3	11.8	-38.68	-17	-21.68	118	386	H
2	5.916	-63.14	Pk	35.0	-20.3	11.8	-36.64	-27	-9.64	118	386	H

Pk - Peak detector

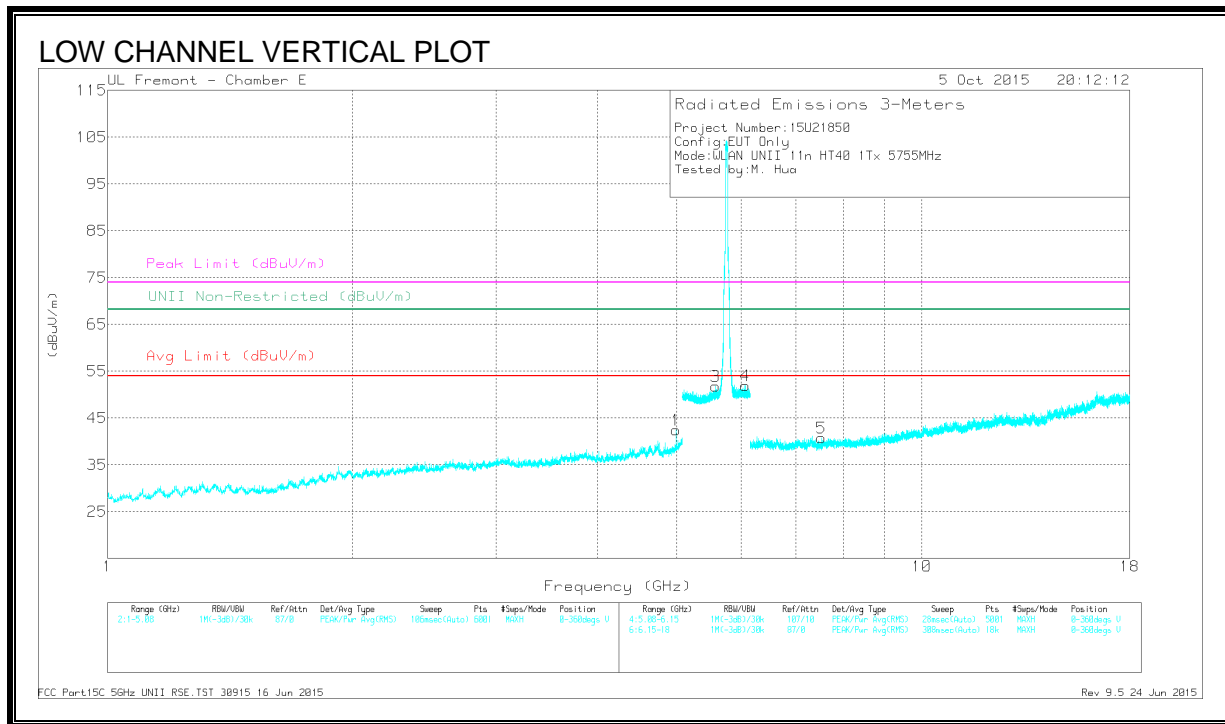
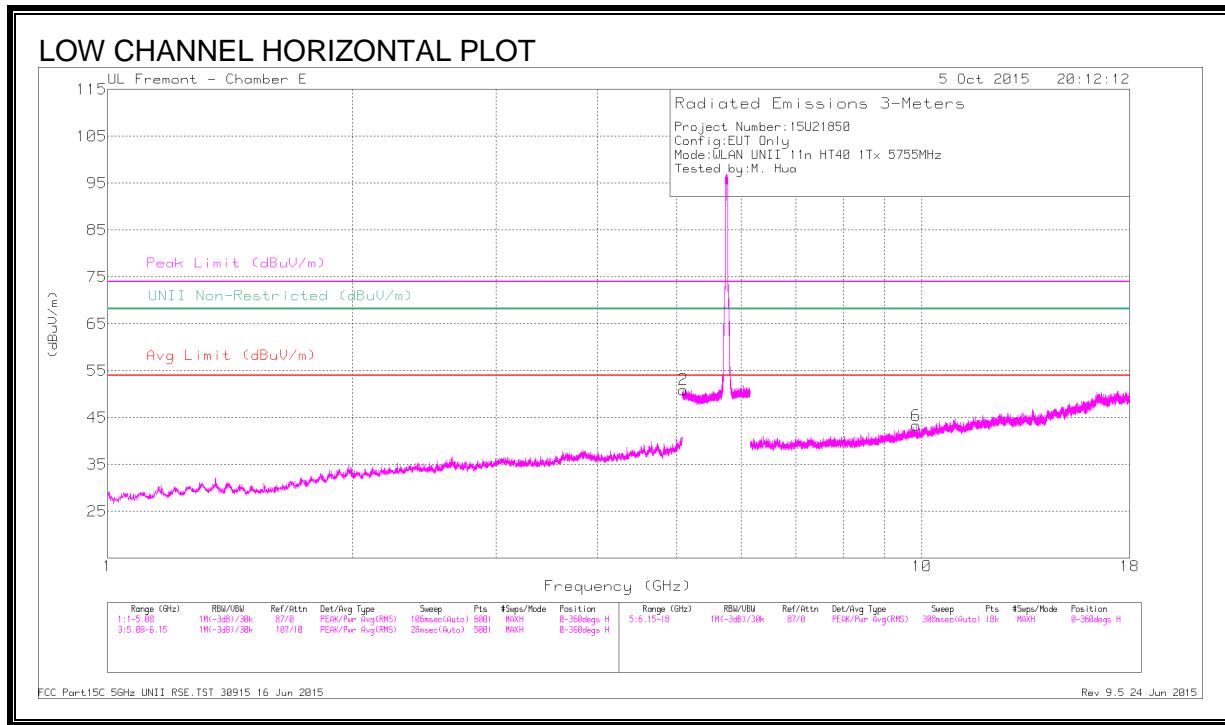


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-64.01	Pk	34.9	-20.3	11.8	-37.61	-17	-20.61	75	208	V
2	5.867	-59.08	Pk	34.9	-20.4	11.8	-32.78	-27	-5.78	75	208	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

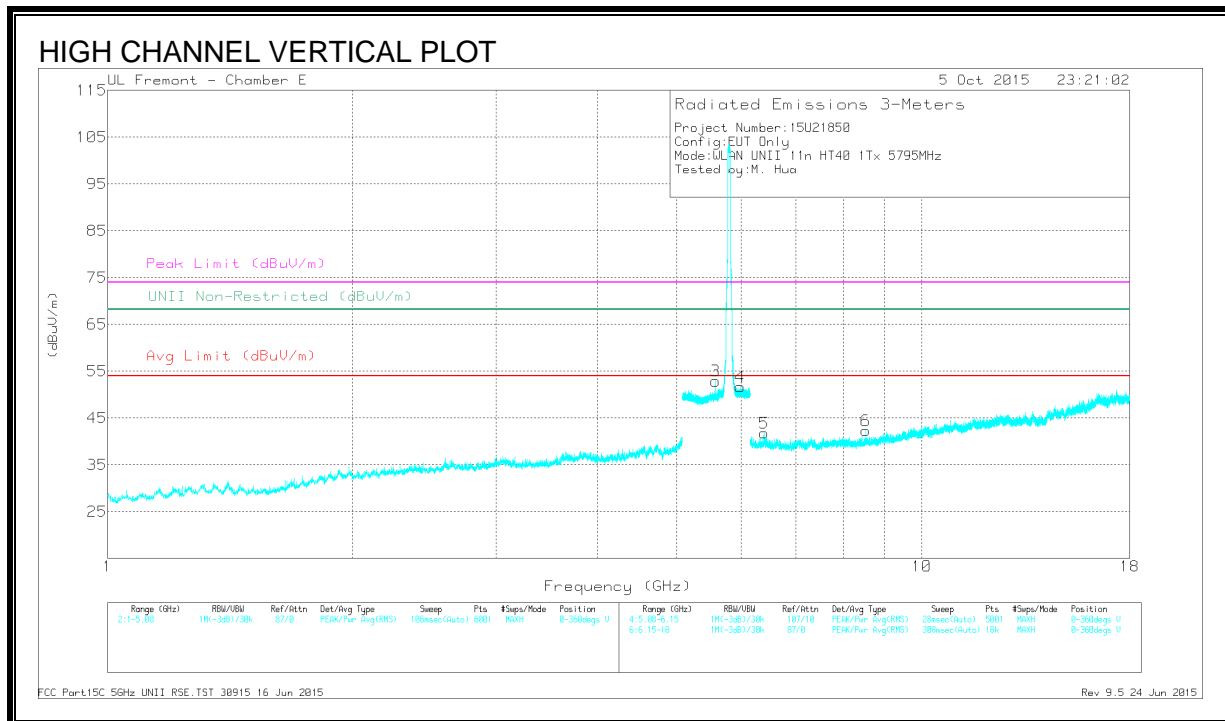
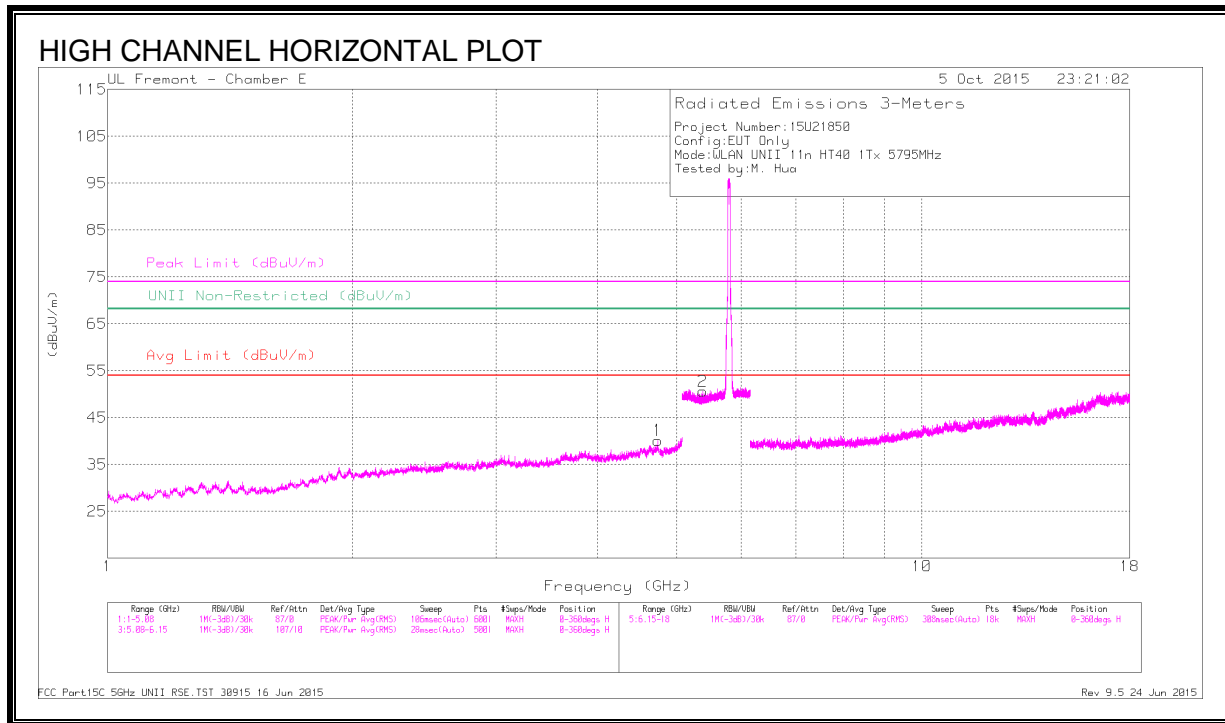
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.987	44.19	PK-U	34.2	-29.3	49.09	-	-	74	-24.91	-	-	53	279	V
	* 4.988	35.20	ADR	34.2	-29.3	40.10	54	-13.90	-	-	-	-	53	279	V
2	* 5.095	41.36	PK-U	34.2	-20.6	54.96	-	-	74	-19.04	-	-	49	340	H
	* 5.096	29.46	ADR	34.2	-20.6	43.06	54	-10.94	-	-	-	-	49	340	H
3	5.579	47.81	PK-U	34.5	-20.2	62.11	-	-	-	-	68.2	-6.09	68	139	V
4	6.063	40.40	PK-U	35.2	-19.7	55.90	-	-	-	-	68.2	-12.30	41	221	V
5	* 7.526	38.41	PK-U	35.7	-26.9	47.21	-	-	74	-26.79	-	-	202	138	V
	* 7.523	26.51	ADR	35.6	-27.0	35.11	54	-18.89	-	-	-	-	202	138	V
6	9.841	37.1	PK-U	37.0	-25.0	49.10	-	-	-	-	68.2	-19.10	193	316	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.737	41.02	PK-U	34.1	-29.0	46.12	-	-	74	-27.88	-	-	150	377	H
	* 4.734	29.19	ADR	34.2	-28.9	34.49	54	-19.51	-	-	-	-	150	377	H
2	* 5.379	41.34	PK-U	34.6	-20.6	55.34	-	-	74	-18.66	-	-	311	158	H
	* 5.376	29.05	ADR	34.6	-20.6	43.05	54	-10.95	-	-	-	-	311	158	H
3	5.580	44.93	PK-U	34.5	-20.2	59.23	-	-	-	-	68.2	-8.97	239	103	V
4	5.981	40.17	PK-U	35.1	-20.0	55.27	-	-	-	-	68.2	-12.93	129	167	V
5	6.400	39.87	PK-U	35.5	-27.5	47.87	-	-	-	-	68.2	-20.33	6	324	V
6	8.530	38.06	PK-U	35.8	-26.6	47.26	-	-	-	-	68.2	-20.94	278	117	V

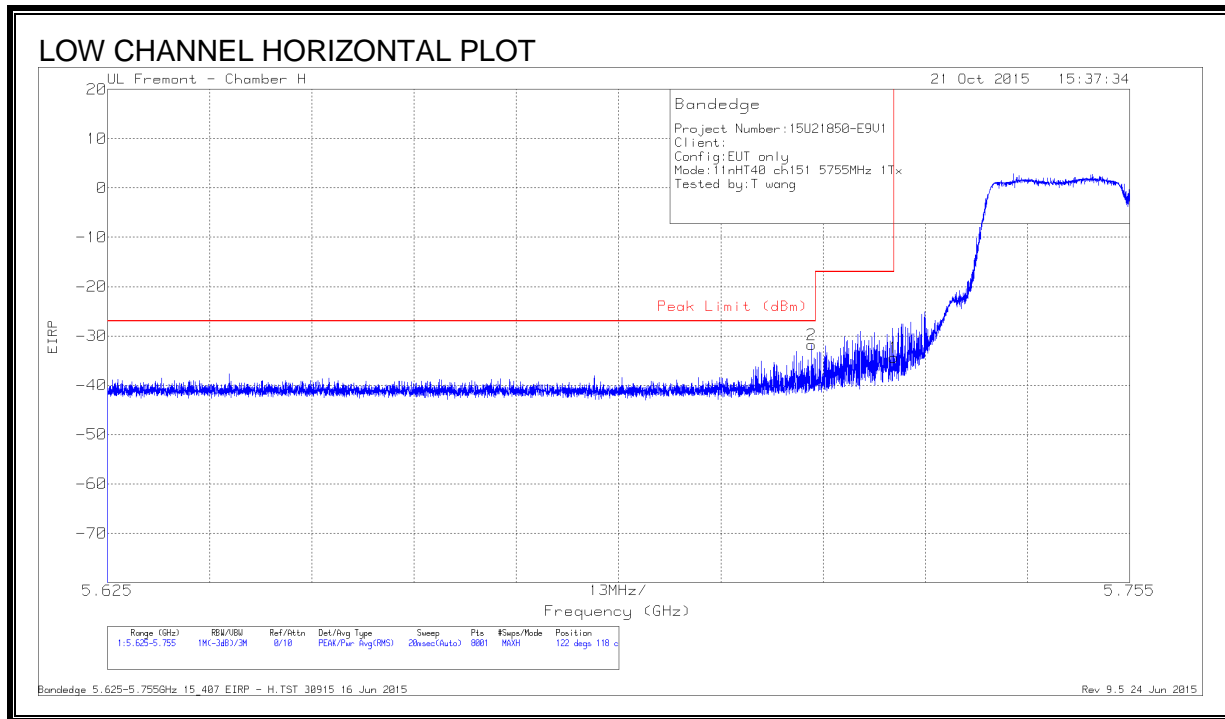
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.4.2. CHAIN 1, RESTRICTED BANDEGE AND HARMONIC SPURIOUS

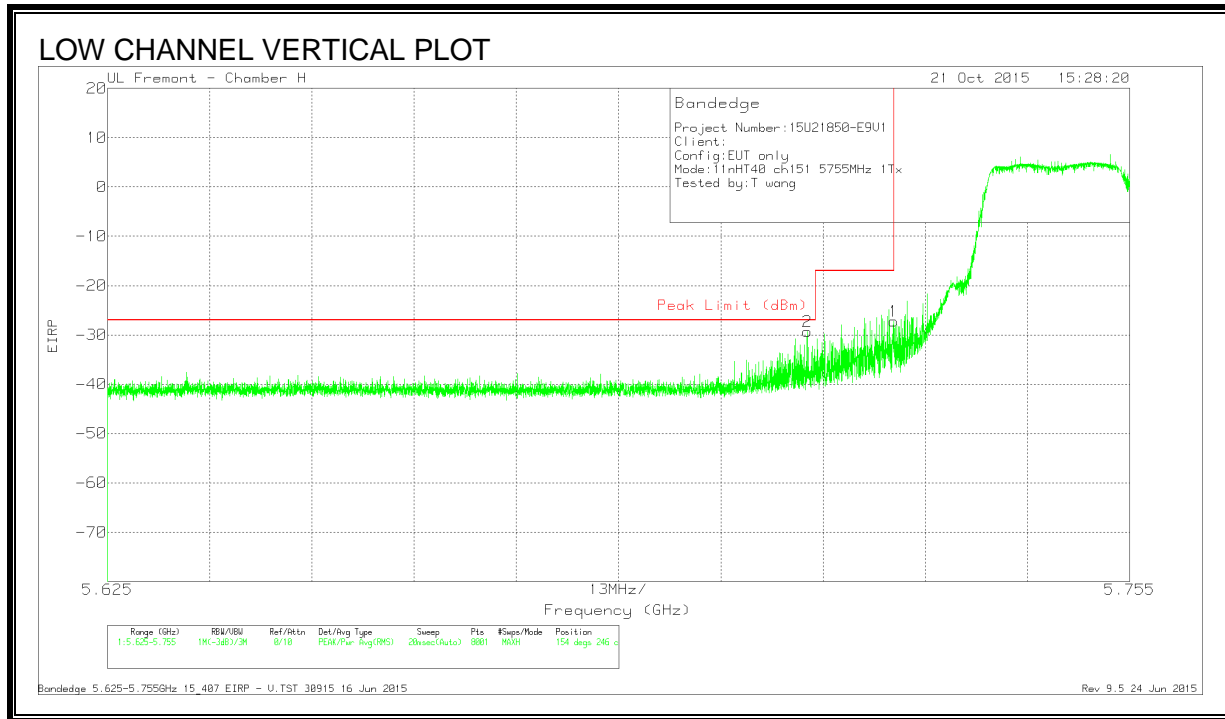
(LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-57.02	Pk	34.8	-21.3	11.8	-31.72	-27	-4.72	122	118	H
1	5.725	-59.63	Pk	34.8	-21.3	11.8	-34.33	-17	-17.33	122	118	H

Pk - Peak detector

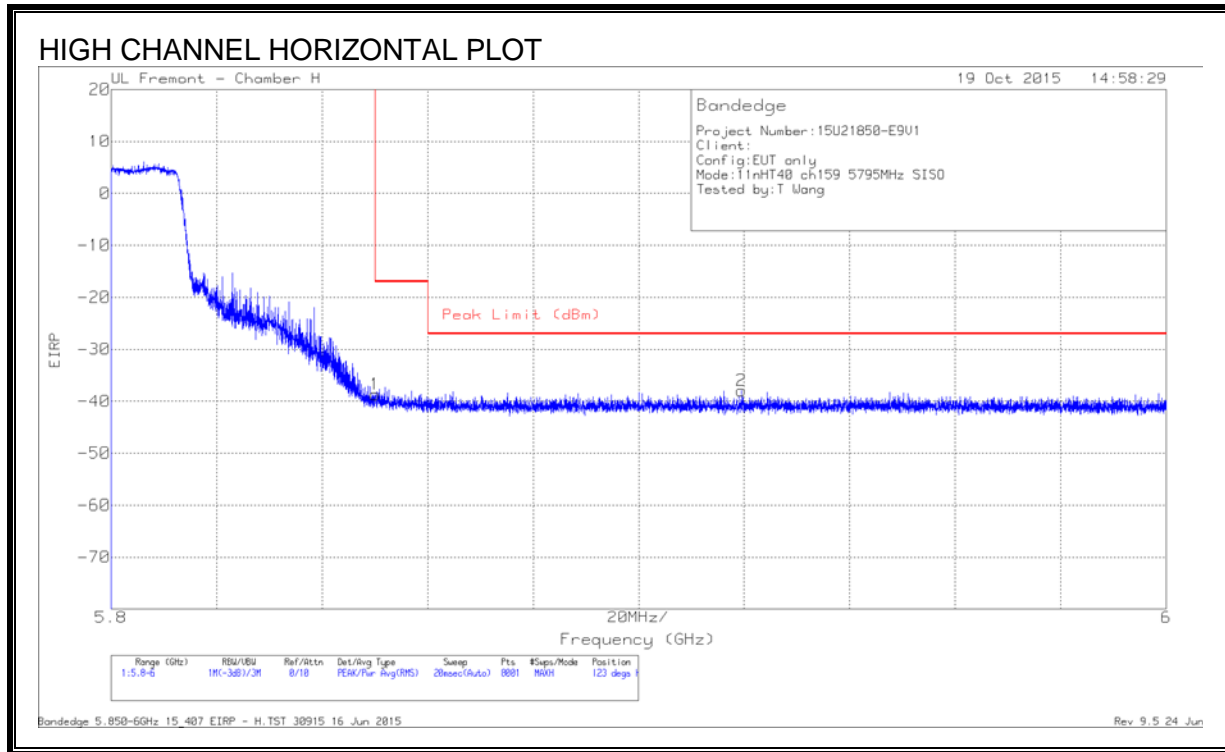


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-54.64	Pk	34.8	-21.3	11.8	-29.34	-27	-2.34	154	246	V
1	5.725	-52.54	Pk	34.8	-21.3	11.8	-27.24	-17	-10.24	154	246	V

Pk - Peak detector

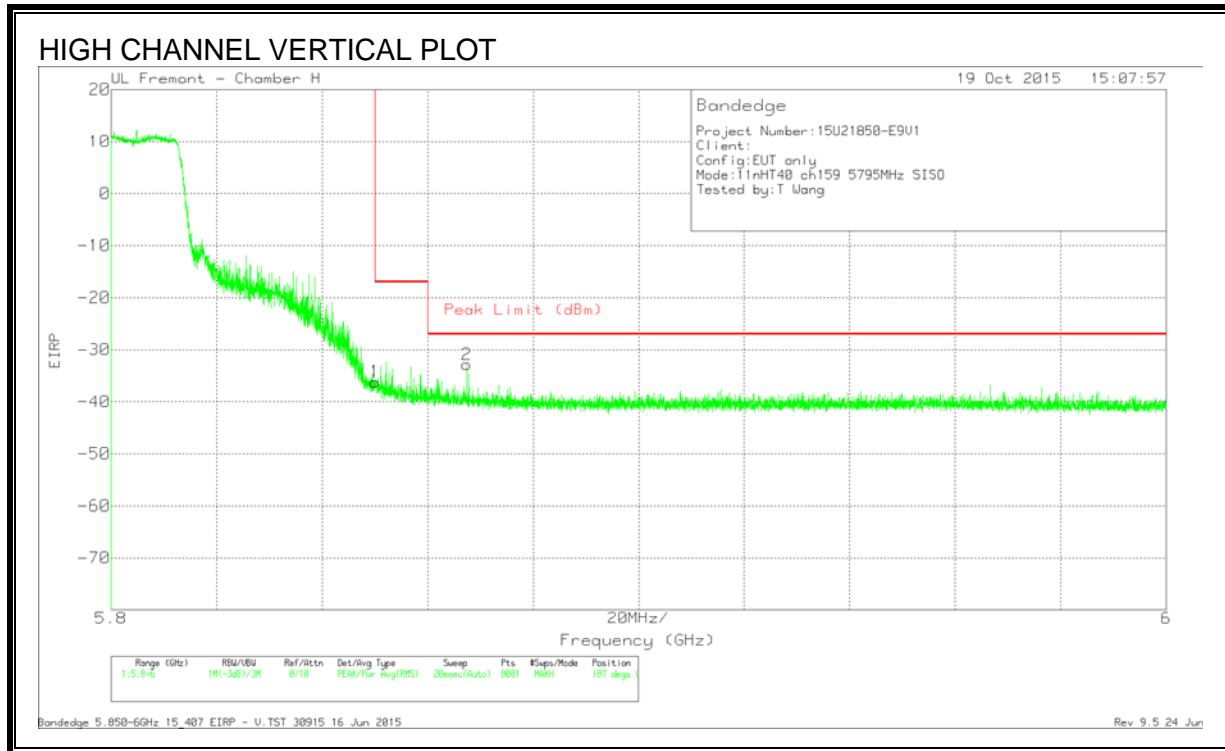
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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	-64.19	Pk	34.9	-21.2	11.8	-38.69	-17	-21.69	123	400	H
2	5.919	-63.55	Pk	35	-21.2	11.8	-37.95	-27	-10.95	123	400	H

Pk - Peak detector

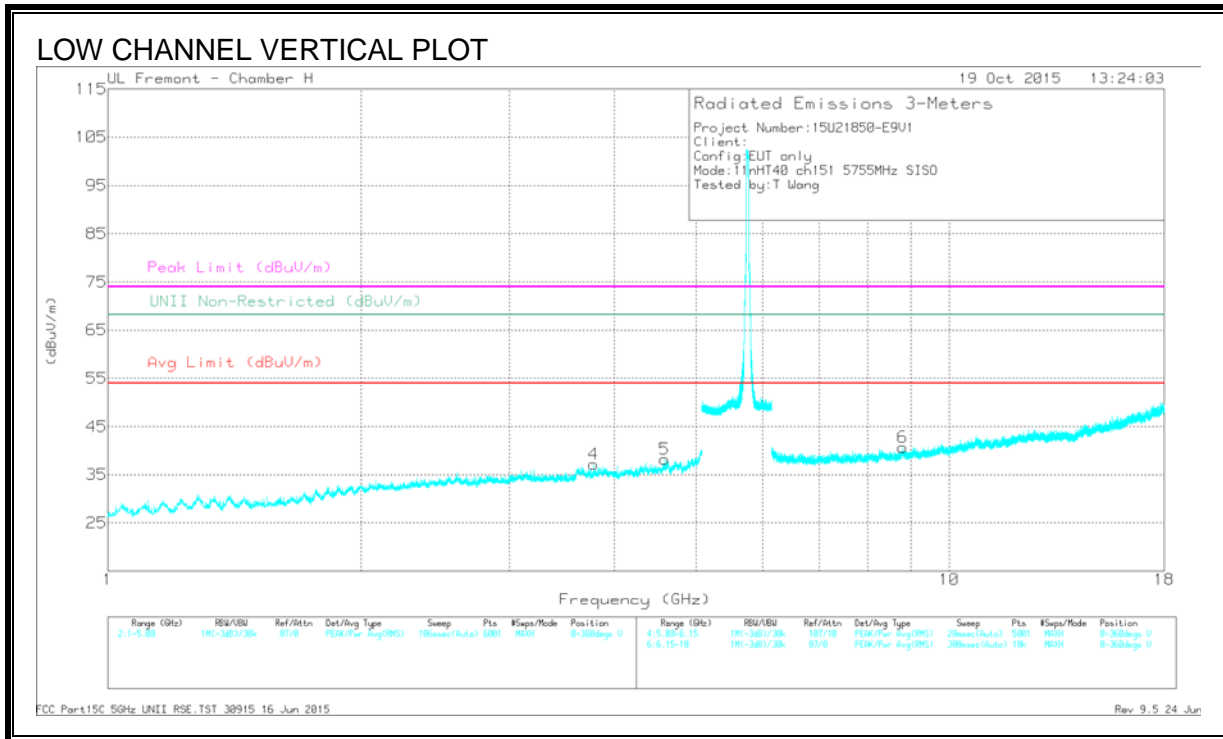
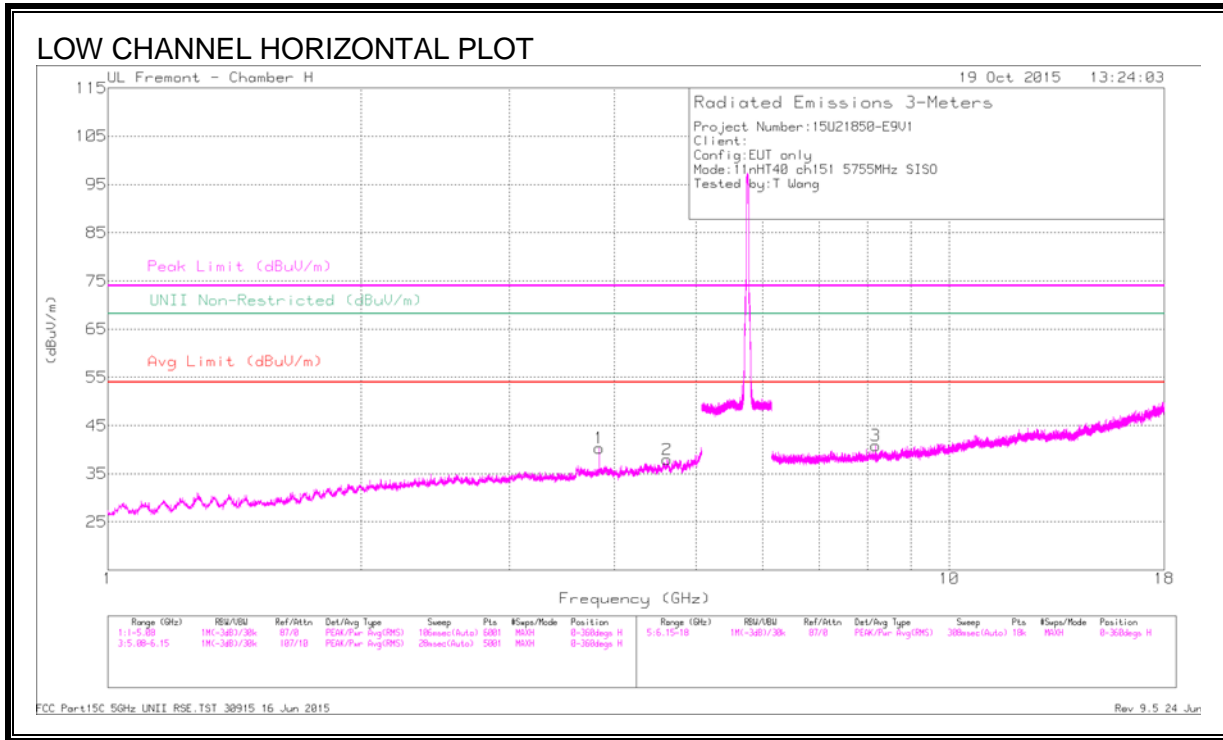


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (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	-61.67	Pk	34.9	-21.2	11.8	-36.17	-17	-19.17	187	323	V
2	5.867	-58.33	Pk	34.9	-21.2	11.8	-32.83	-27	-5.83	187	323	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

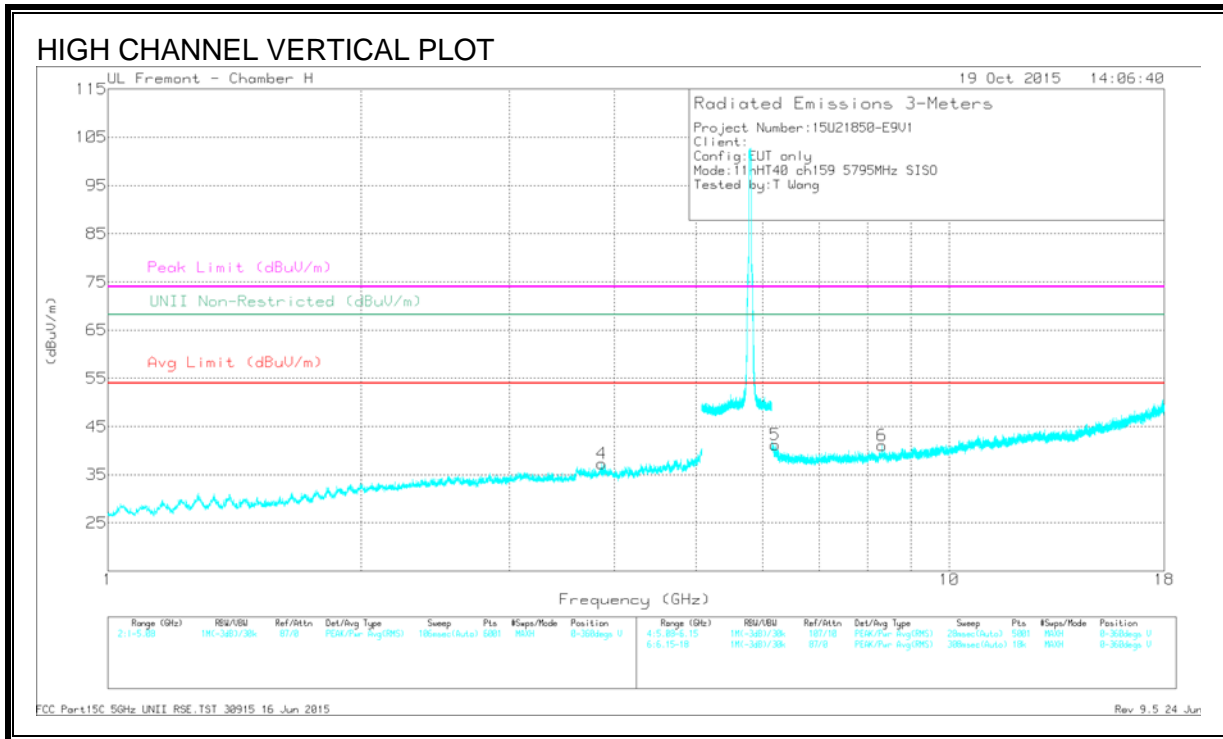
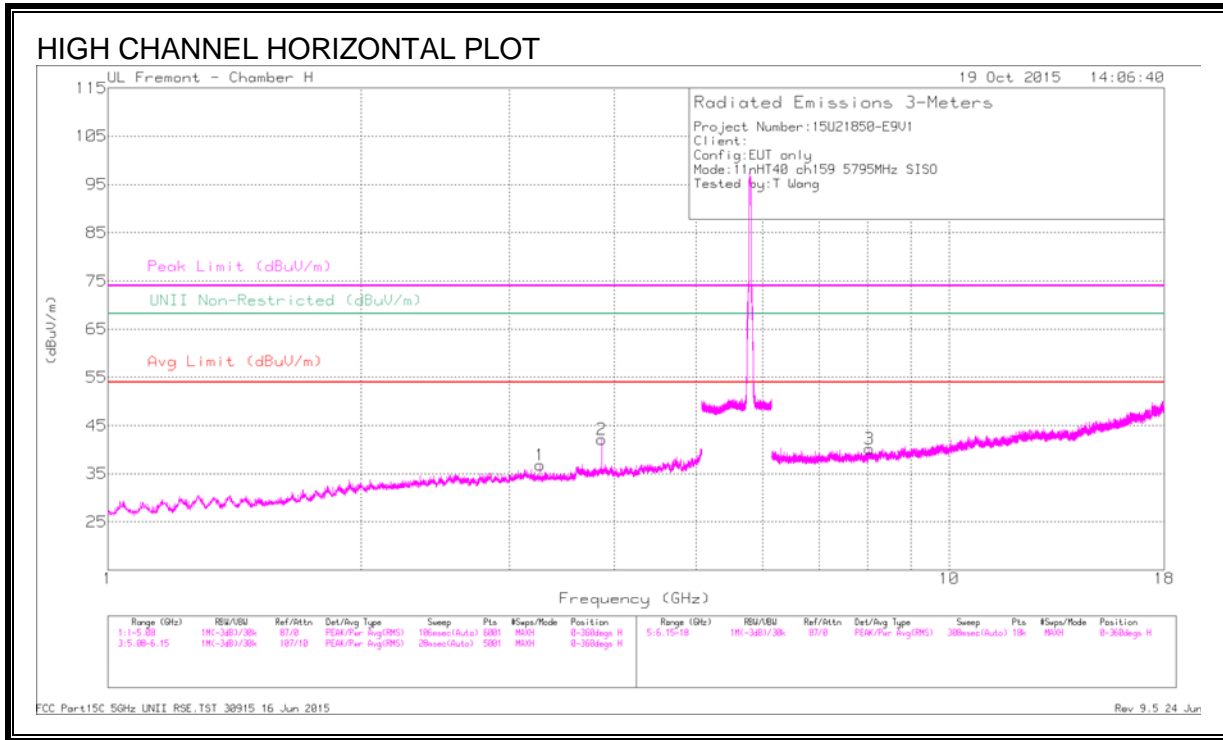
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.837	44.88	PK-U	33.5	-31.5	0	46.88	-	-	74	-27.12	-	-	200	117	H
* 3.837	36.4	ADR	33.5	-31.5	0	38.4	54	-15.6	-	-	-	-	200	117	H
* 4.619	42.04	PK-U	34	-30.9	0	45.14	-	-	74	-28.86	-	-	224	141	H
* 4.623	30.84	ADR	34	-30.9	0	33.94	54	-20.06	-	-	-	-	224	141	H
* 3.78	42.26	PK-U	33.4	-31.9	0	43.76	-	-	74	-30.24	-	-	170	390	V
* 3.782	30.72	ADR	33.4	-31.9	0	32.22	54	-21.78	-	-	-	-	170	390	V
* 4.587	41.62	PK-U	34	-30.7	0	44.92	-	-	74	-29.08	-	-	186	357	V
* 4.585	30.23	ADR	34	-30.7	0	33.53	54	-20.47	-	-	-	-	186	357	V
* 8.171	38.11	PK-U	35.9	-28.1	0	45.91	-	-	74	-28.09	-	-	314	125	H
* 8.169	26.57	ADR	35.9	-28	0	34.47	54	-19.53	-	-	-	-	314	125	H
8.802	37.33	PK-U	36.1	-26.3	0	47.13	-	-	-	-	68.2	-21.07	193	348	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/FI tr/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
* 3.264	41.99	PK-U	32.8	-32.6	0	42.19	-	-	74	-31.81	-	-	137	112	H
* 3.264	29.86	ADR	32.8	-32.6	0	30.06	54	-23.94	-	-	-	-	137	112	H
* 3.863	44.63	PK-U	33.5	-31.6	0	46.53	-	-	74	-27.47	-	-	151	116	H
* 3.863	37.88	ADR	33.5	-31.6	0	39.78	54	-14.22	-	-	-	-	151	116	H
* 3.863	43.41	PK-U	33.5	-31.6	0	45.31	-	-	74	-28.69	-	-	197	238	V
* 3.863	34.01	ADR	33.5	-31.6	0	35.91	54	-18.09	-	-	-	-	197	238	V
* 8.034	38.39	PK-U	35.9	-27.4	0	46.89	-	-	74	-27.11	-	-	176	192	H
* 8.031	26.65	ADR	35.9	-27.5	0	35.05	54	-18.95	-	-	-	-	176	192	H
* 8.312	37.47	PK-U	35.9	-26.4	0	46.97	-	-	74	-27.03	-	-	301	381	V
* 8.31	26.02	ADR	35.9	-26.4	0	35.52	54	-18.48	-	-	-	-	301	381	V
6.206	40.78	PK-U	35.5	-29.5	0	46.78	-	-	-	-	68.2	-21.42	287	354	V

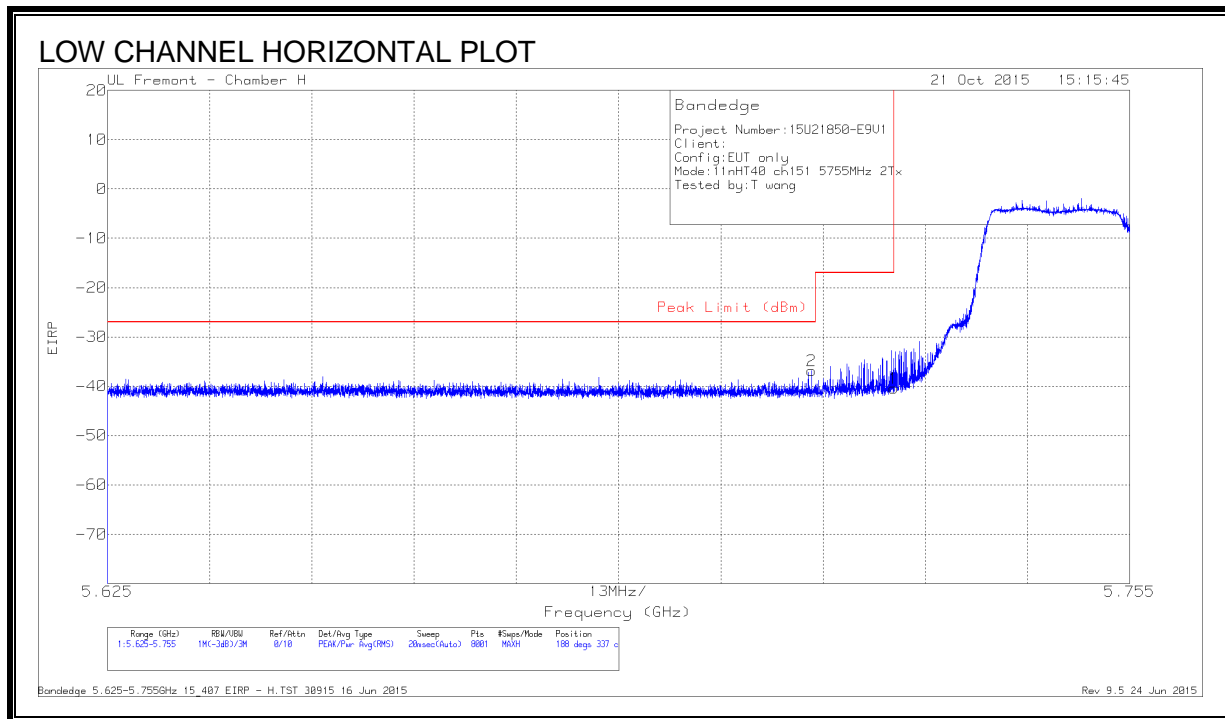
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.5.802.11n HT40 2Tx CDD MODE IN THE 5.8 GHz BAND

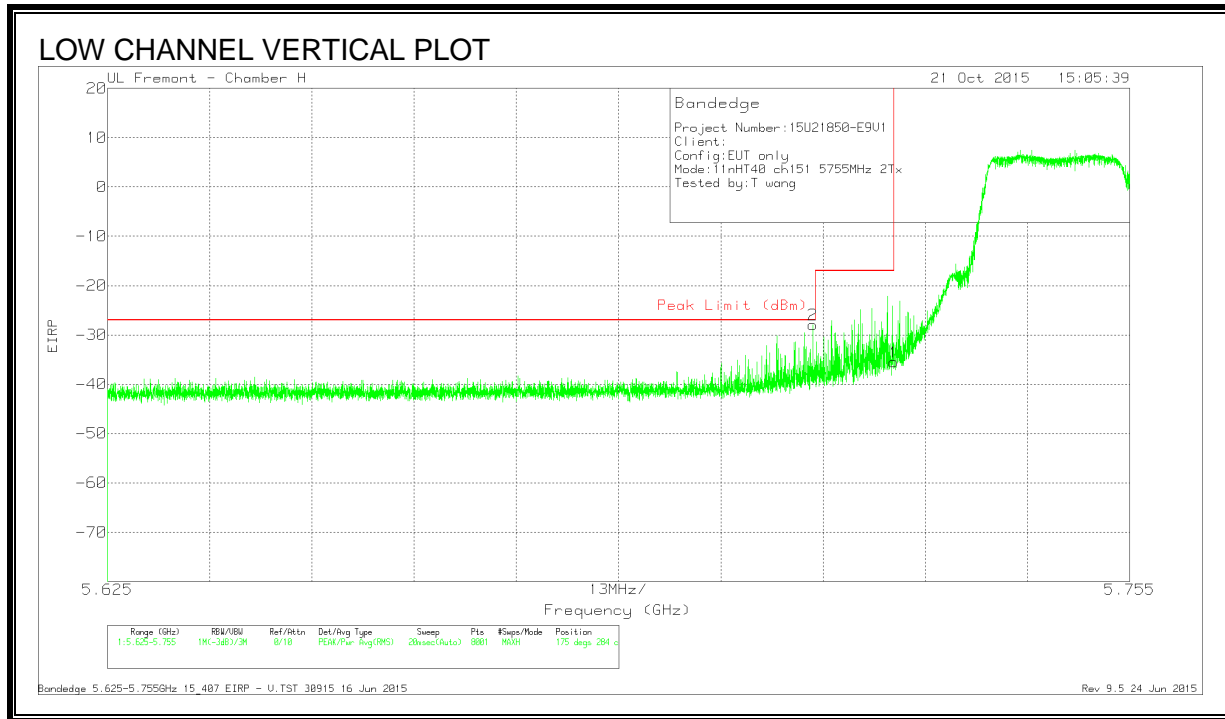
RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-62.13	Pk	34.8	-21.3	11.8	-36.83	-27	-9.83	188	337	H
1	5.725	-65.68	Pk	34.8	-21.3	11.8	-40.38	-17	-23.38	188	337	H

Pk - Peak detector

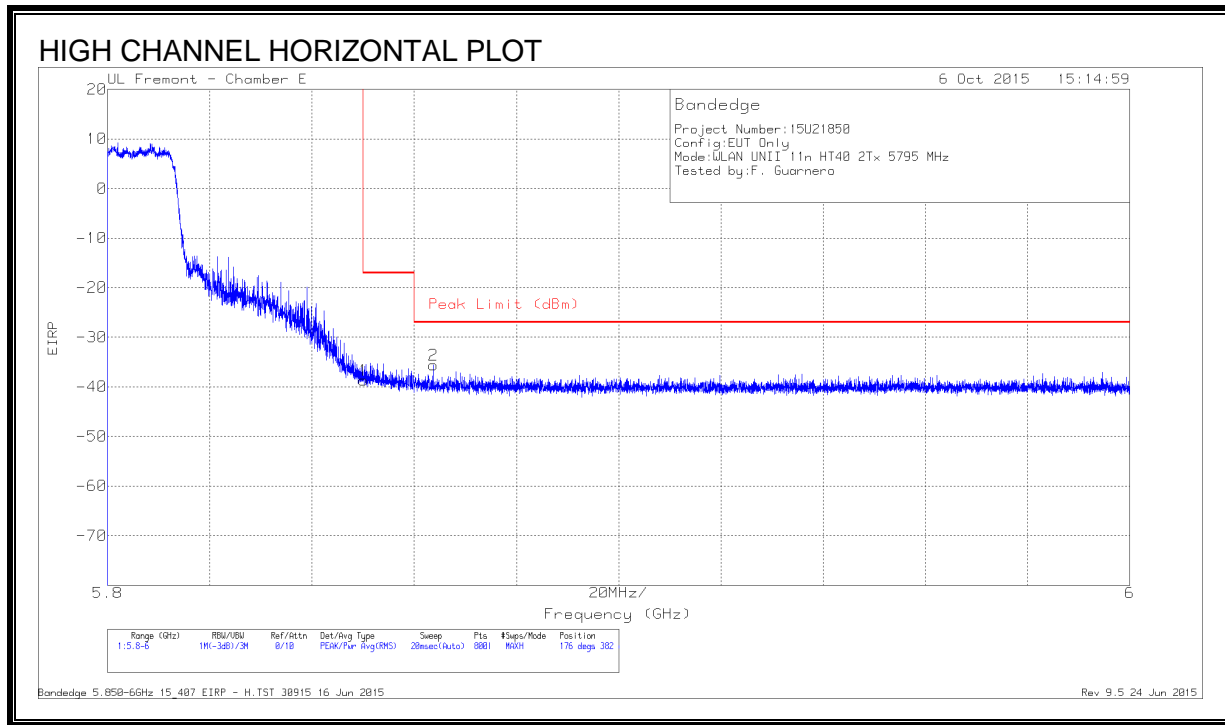


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-53.27	Pk	34.8	-21.3	11.8	-27.97	-27	-.97	175	284	V
1	5.725	-60.83	Pk	34.8	-21.3	11.8	-35.53	-17	-18.53	175	284	V

Pk - Peak detector

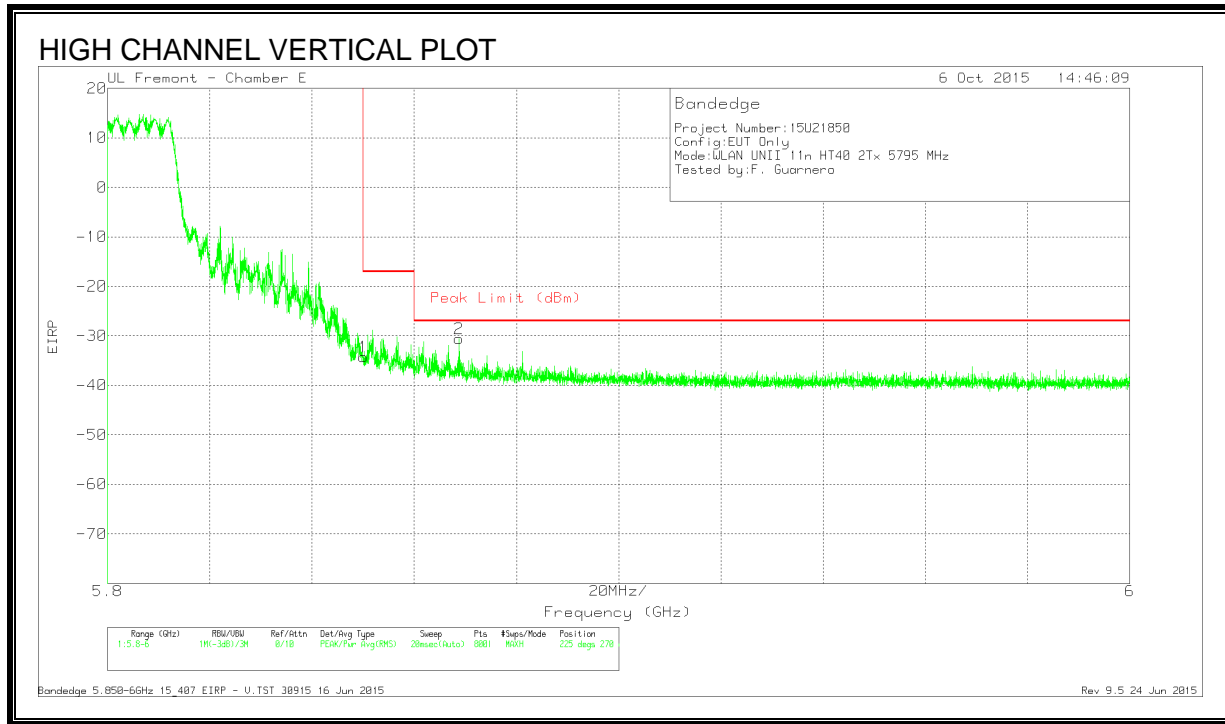
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-65.09	Pk	34.9	-20.3	11.8	-38.69	-17	-21.69	176	382	H
2	5.864	-61.93	Pk	34.9	-20.4	11.8	-35.63	-27	-8.63	176	382	H

Pk - Peak detector

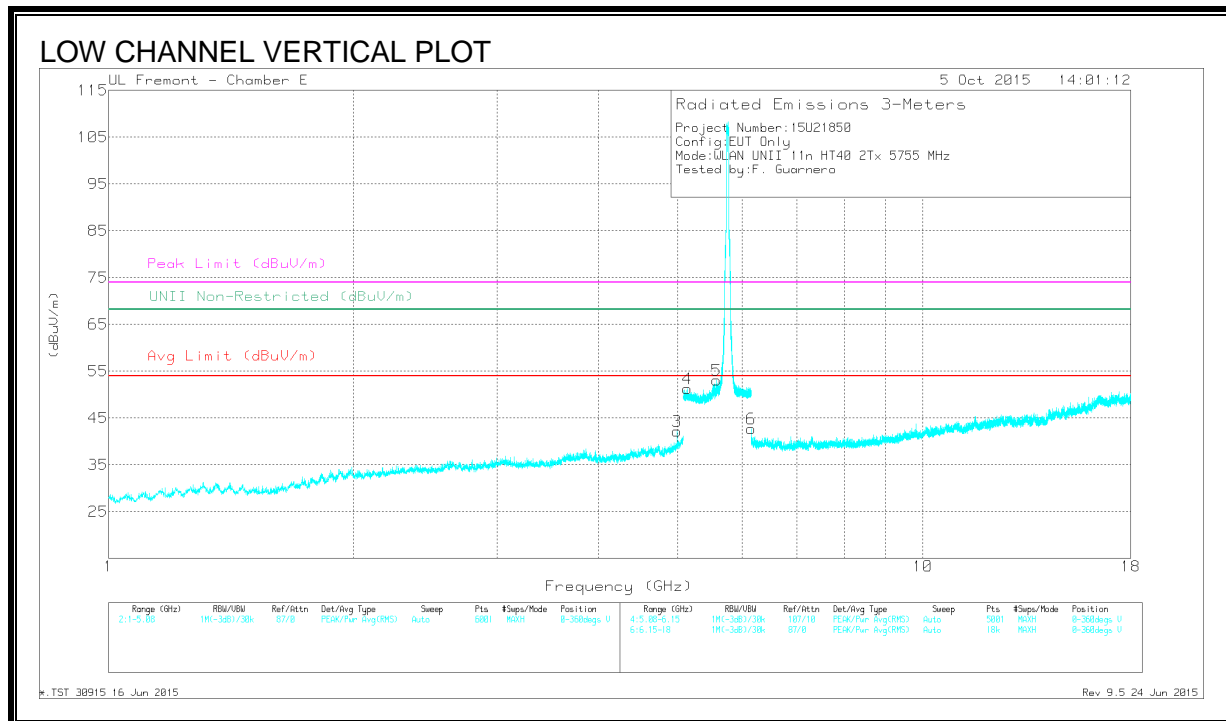
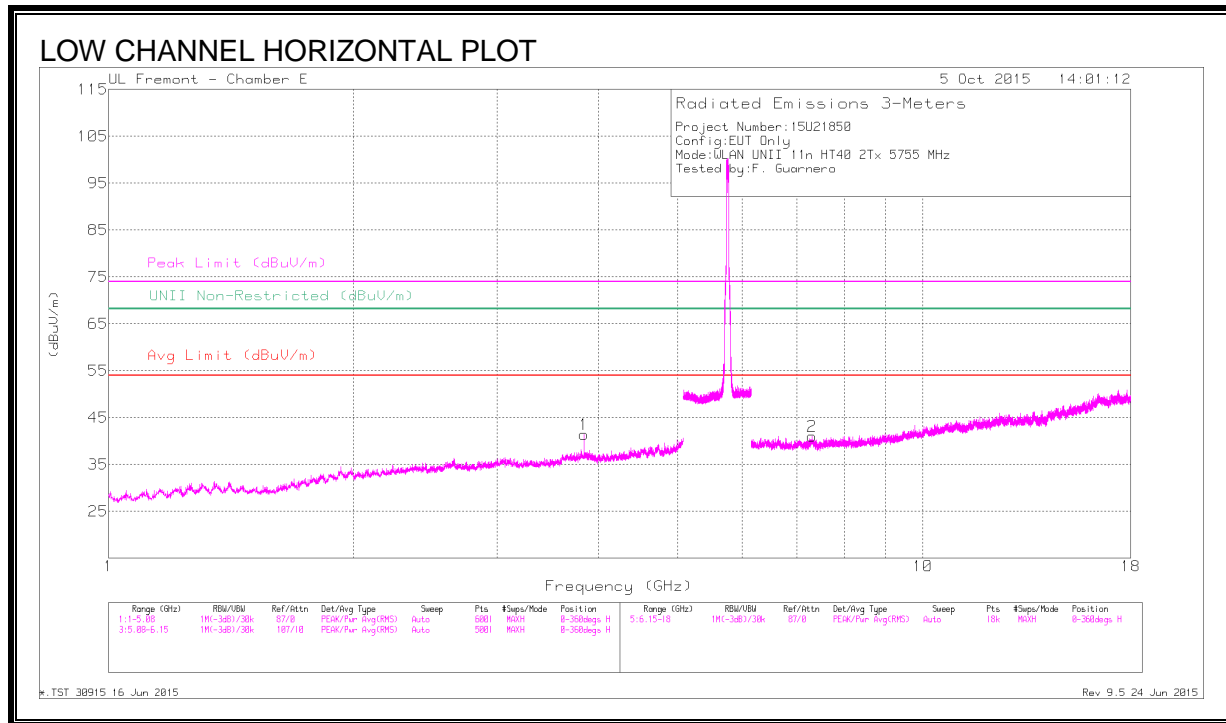


DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.850	-60.65	Pk	34.9	-20.3	11.8	-34.25	-17	-17.25	225	270	V
2	5.869	-56.86	Pk	34.9	-20.4	11.8	-30.56	-27	-3.56	225	270	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

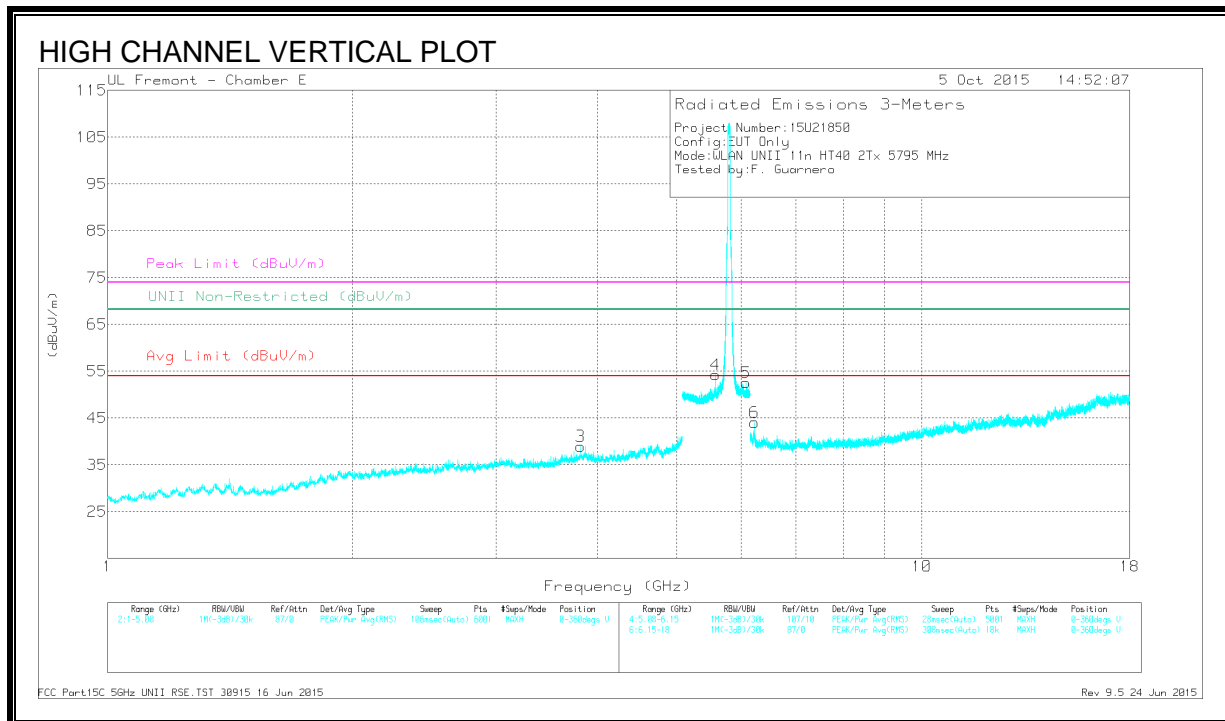
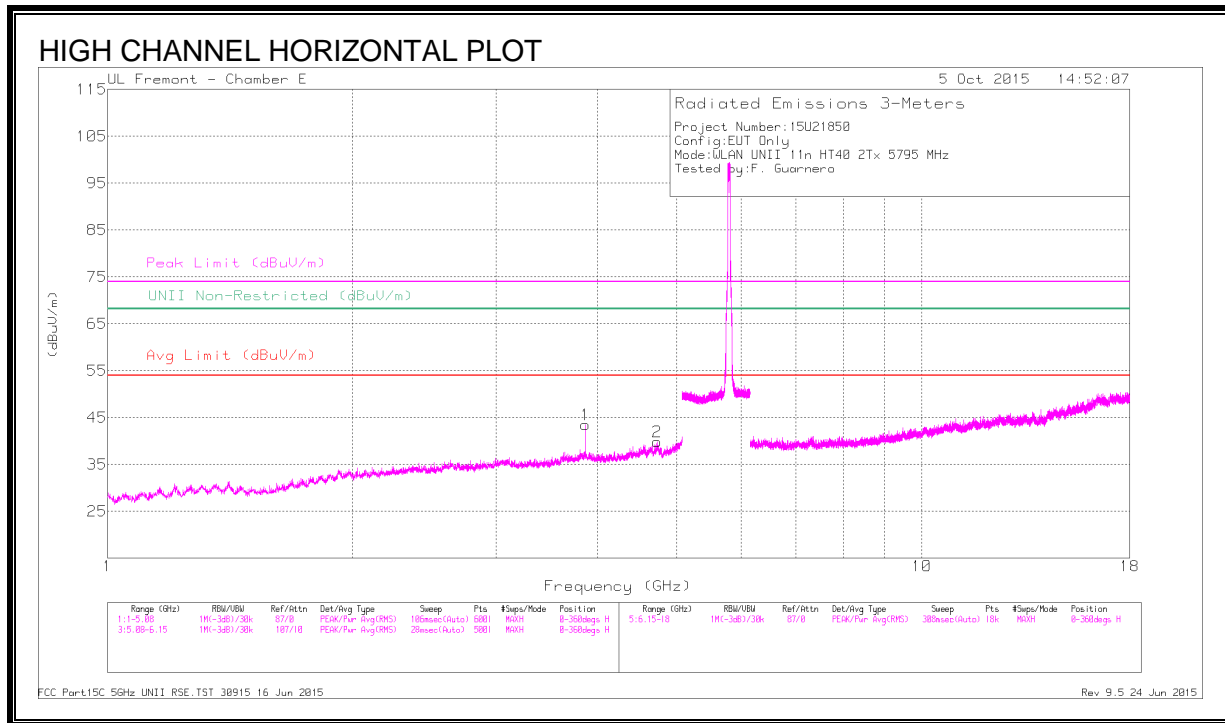
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 3.837	44.44	PK-U	33.5	-29.9	0	48.04	-	-	74	-25.96	-	-	255	101	H
	* 3.837	36.70	ADR	33.5	-29.9	0.12	40.42	54	-13.58	-	-	-	-	255	101	H
2	* 7.307	37.86	PK-U	35.5	-26.0	0	47.36	-	-	74	-26.64	-	-	117	322	H
	* 7.305	26.48	ADR	35.5	-26.0	0.12	36.1	54	-17.9	-	-	-	-	117	322	H
3	* 4.988	44.72	PK-U	34.2	-29.3	0	49.62	-	-	74	-24.38	-	-	238	116	V
	* 4.988	36.22	ADR	34.2	-29.3	0.12	41.24	54	-12.76	-	-	-	-	238	116	V
4	* 5.143	43.61	PK-U	34.3	-20.5	0	57.41	-	-	74	-16.59	-	-	204	204	V
	* 5.143	32.20	ADR	34.3	-20.5	0.12	46.12	54	-7.7	-	-	-	-	204	204	V
5	5.583	45.99	PK-U	34.5	-20.2	0	60.29	-	-	-	-	68.2	-7.91	231	169	V
6	6.152	42.74	PK-U	35.3	-28.4	0	49.64	-	-	-	-	68.2	-18.56	236	192	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*3.863	45.35	PK-U	33.5	-29.9		48.95	-	-	74	-25.05	-	-	248	116	H
	*3.863	38.84	ADR	33.5	-29.9	0.12	42.56	54	-11.44	-	-	-	-	248	116	H
2	*4.727	40.54	PK-U	34.2	-28.8		45.94	-	-	74	-28.06	-	-	248	374	H
	*4.729	29.38	ADR	34.2	-28.8	0.12	34.90	54	-19.10	-	-	-	-	248	374	H
3	*3.806	41.72	PK-U	33.5	-30.1		45.12	-	-	74	-28.88	-	-	360	135	V
	*3.808	29.98	ADR	33.5	-30.1	0.12	33.50	54	-20.50	-	-	-	-	360	135	V
4	5.580	46.86	PK-U	34.5	-20.2		61.16	-	-	-	-	68.2	-7.04	245	277	V
5	6.080	44.04	PK-U	35.2	-19.7		59.54	-	-	-	-	68.2	-8.66	225	277	V
6	6.224	44.12	PK-U	35.4	-28.1		51.42	-	-	-	-	68.2	-16.78	240	228	V

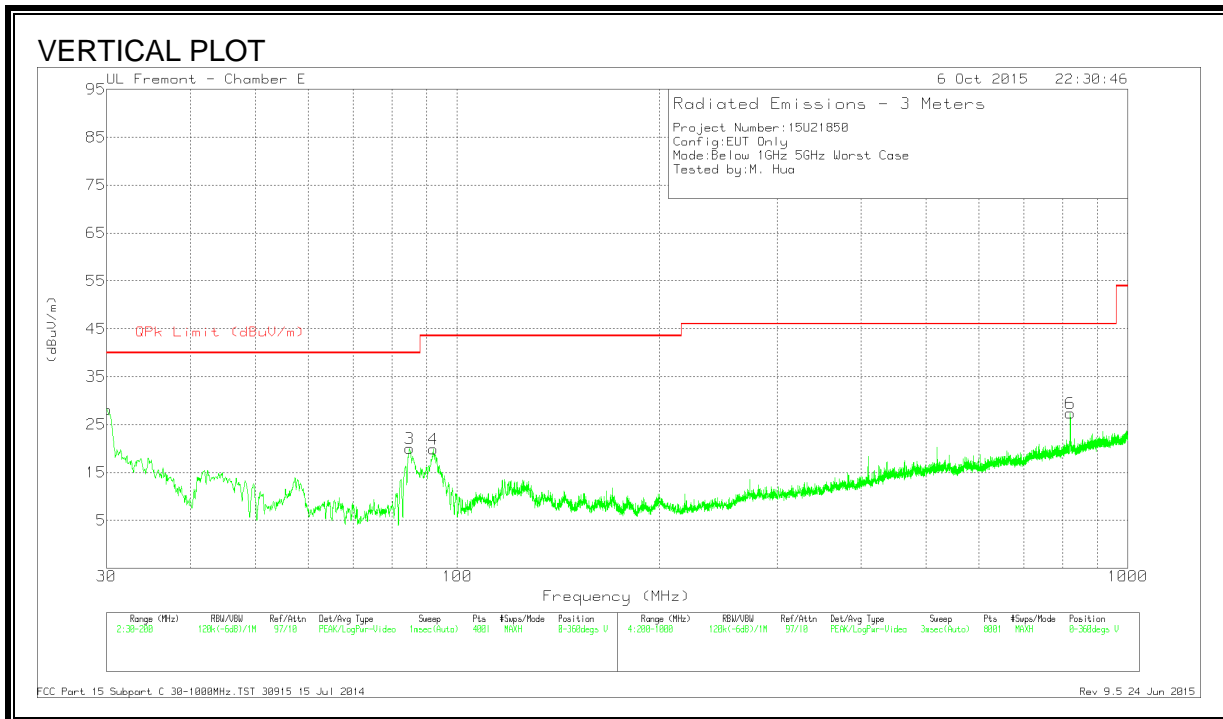
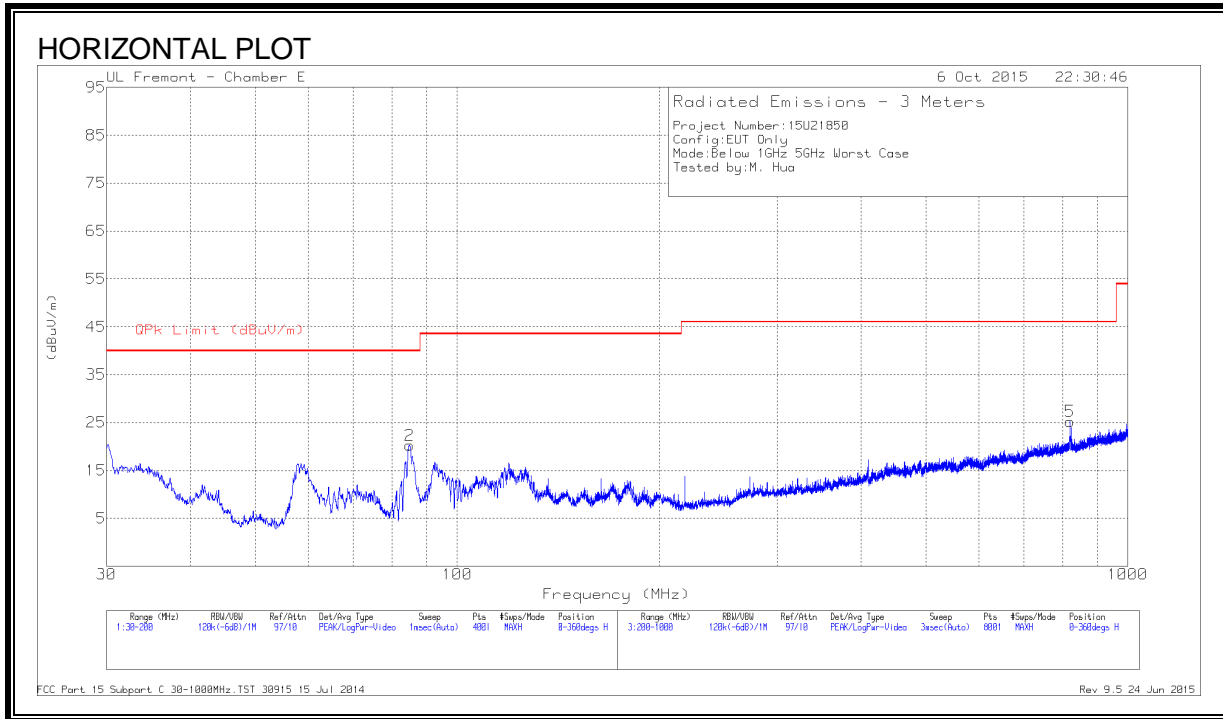
* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.6. WORST-CASE BELOW 1 GHz

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



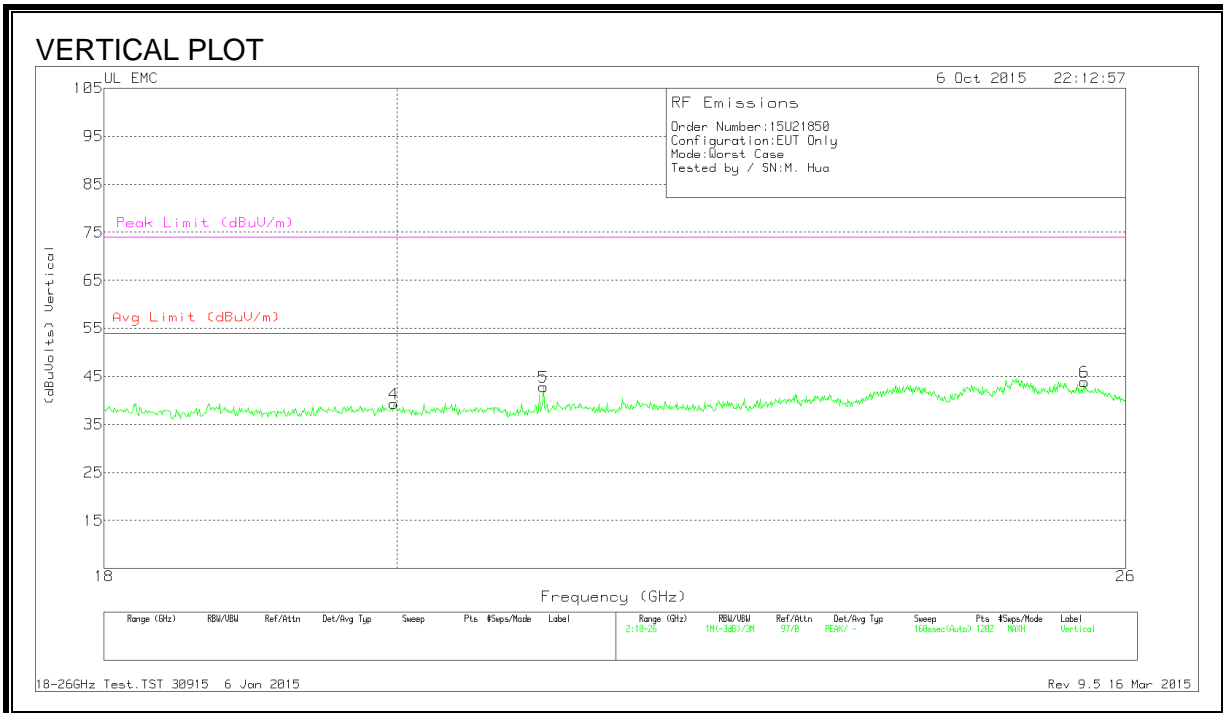
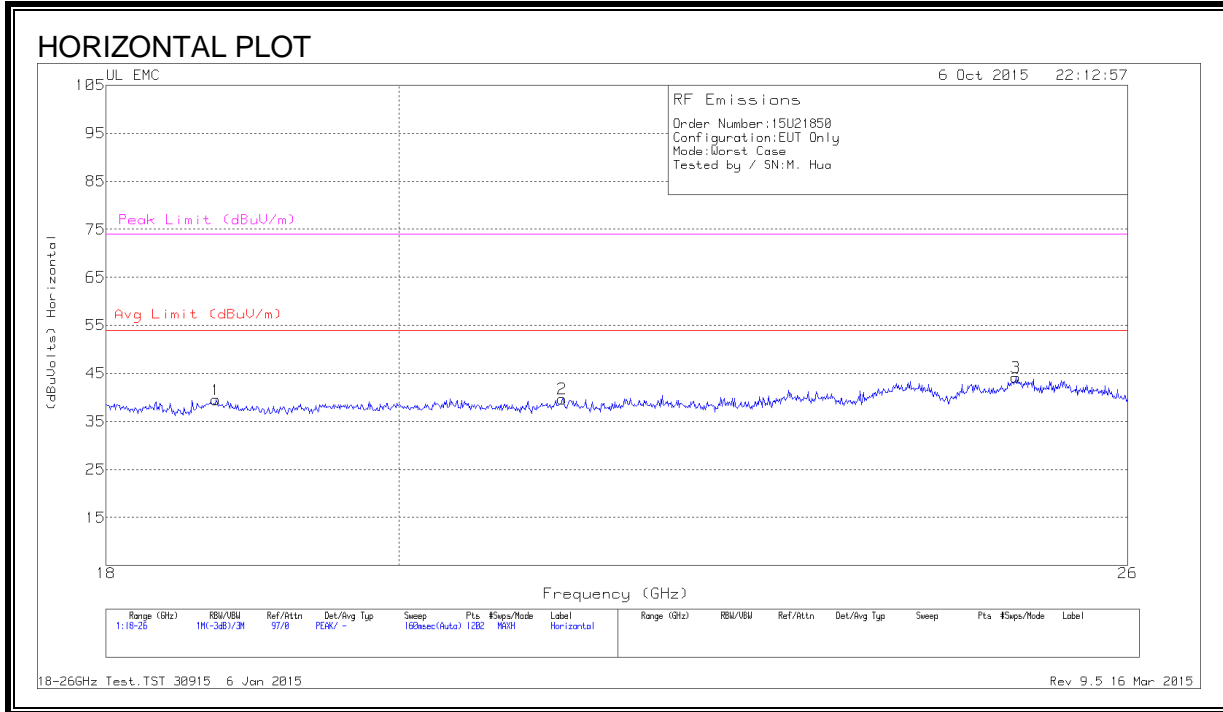
HORIZONTAL AND VERTICAL DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.04	38.68	Pk	21.4	-31.9	28.18	40.00	-11.82	0-360	100	V
2	84.93	44.00	Pk	7.7	-31.4	20.30	40.00	-19.70	0-360	201	H
3	84.91	43.75	Pk	7.7	-31.4	20.05	40.00	-19.95	0-360	100	V
4	92.13	42.86	Pk	8.4	-31.4	19.86	43.52	-23.66	0-360	100	V
5	819.80	32.48	Pk	21.5	-28.7	25.28	46.02	-20.74	0-360	301	H
6	820.80	34.55	Pk	21.5	-28.7	27.35	46.02	-18.67	0-360	100	V

Pk - Peak detector

9.7. WORST-CASE ABOVE 18 GHz

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

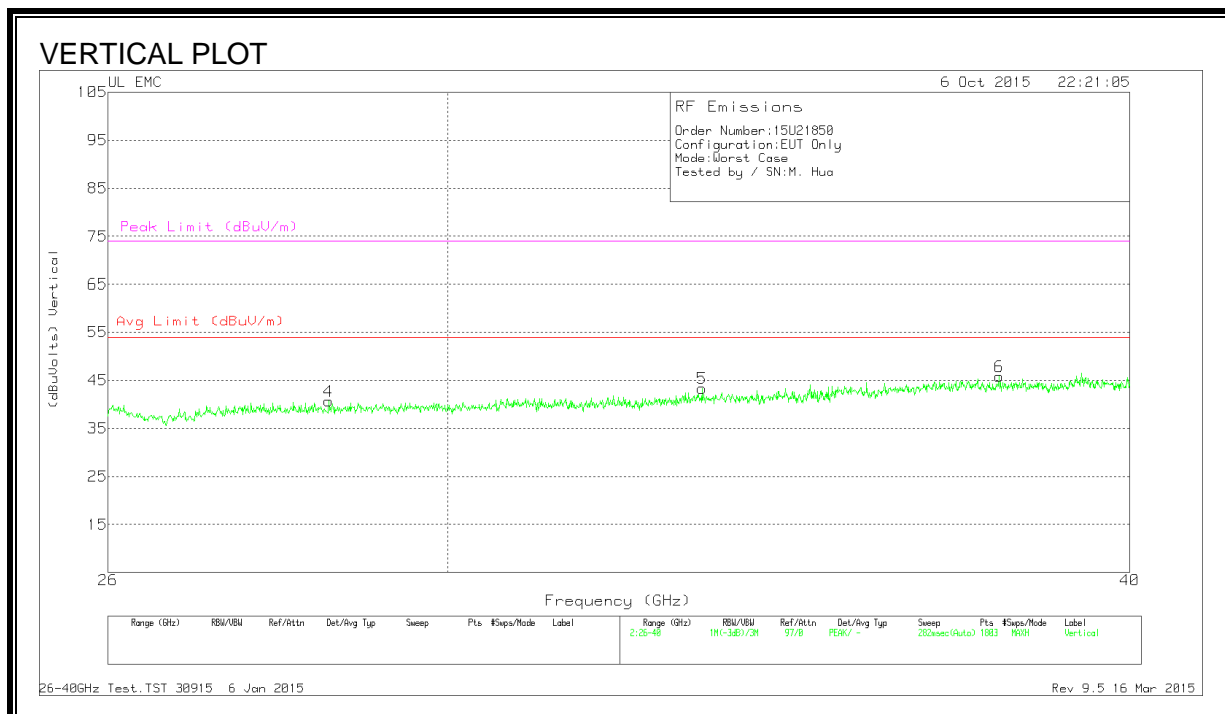
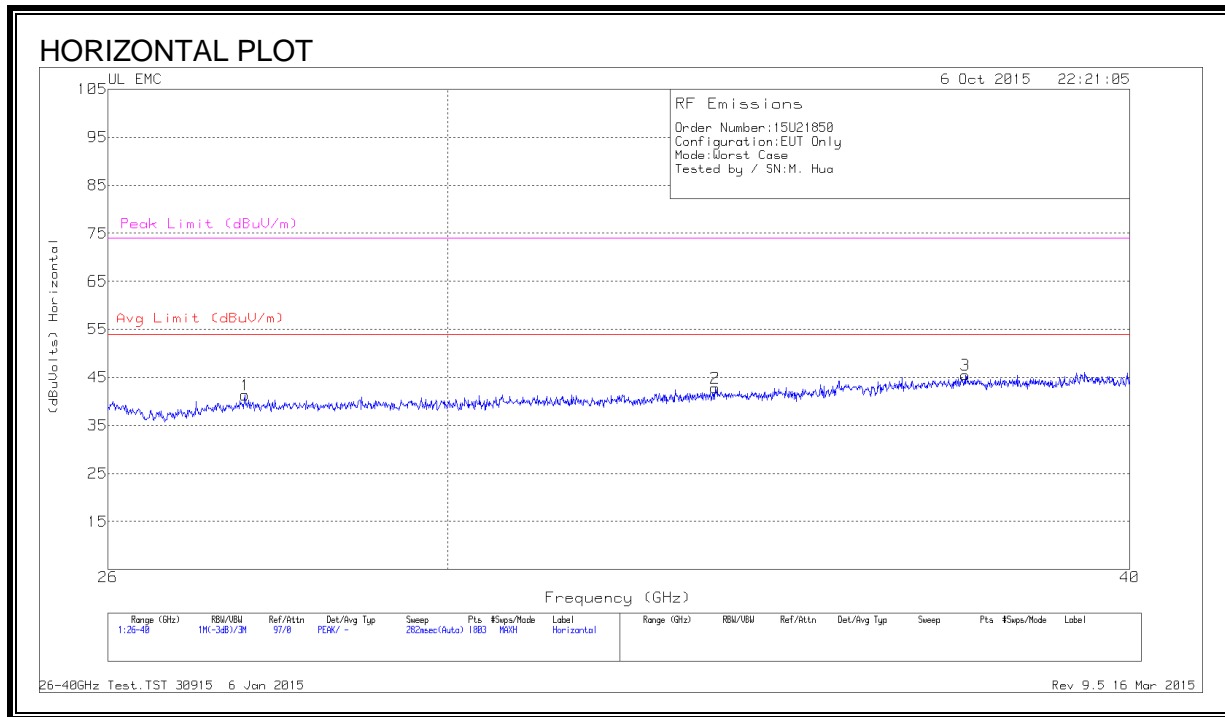


HORIZONTAL AND VERTICAL DATA

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	18.726	41.20	Pk	32.5	-24.7	-9.5	39.50	54	-14.50	74	-34.5
2	21.211	40.77	Pk	33.1	-24.7	-9.5	39.66	54	-14.33	74	-34.33
3	24.974	43.77	Pk	34.1	-24.2	-9.5	44.16	54	-9.83	74	-29.83
4	19.978	40.93	Pk	33.0	-25.1	-9.5	39.33	54	-14.66	74	-34.66
5	21.084	44.83	Pk	32.7	-25.2	-9.5	42.83	54	-11.16	74	-31.16
6	25.614	44.13	Pk	34.0	-24.8	-9.5	43.83	54	-10.16	74	-30.16

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	27.546	46.53	Pk	35.7	-31.4	-9.5	41.33	54	-12.66	74	-32.66
2	33.583	48.13	Pk	37.0	-32.8	-9.5	42.83	54	-11.16	74	-31.16
3	37.320	50.80	Pk	37.3	-33.1	-9.5	45.50	54	-8.50	74	-28.5
4	28.533	46.37	Pk	35.7	-31.9	-9.5	40.66	54	-13.33	74	-33.33
5	33.396	48.63	Pk	37.0	-32.8	-9.5	43.33	54	-10.66	74	-30.66
6	37.856	50.63	Pk	37.1	-32.4	-9.5	45.83	54	-8.16	74	-28.16

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

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.

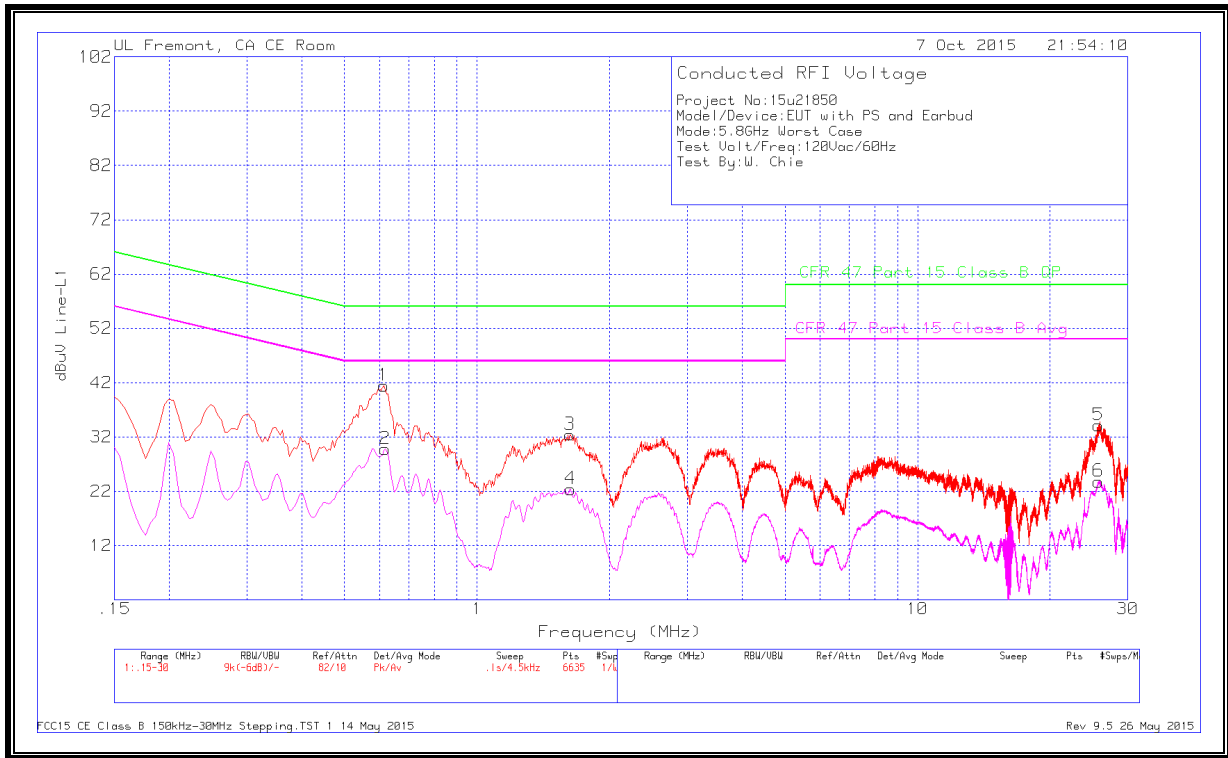
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. EUT POWERED BY AC ADAPTER

LINE 1 RESULTS



WORST EMISSIONS

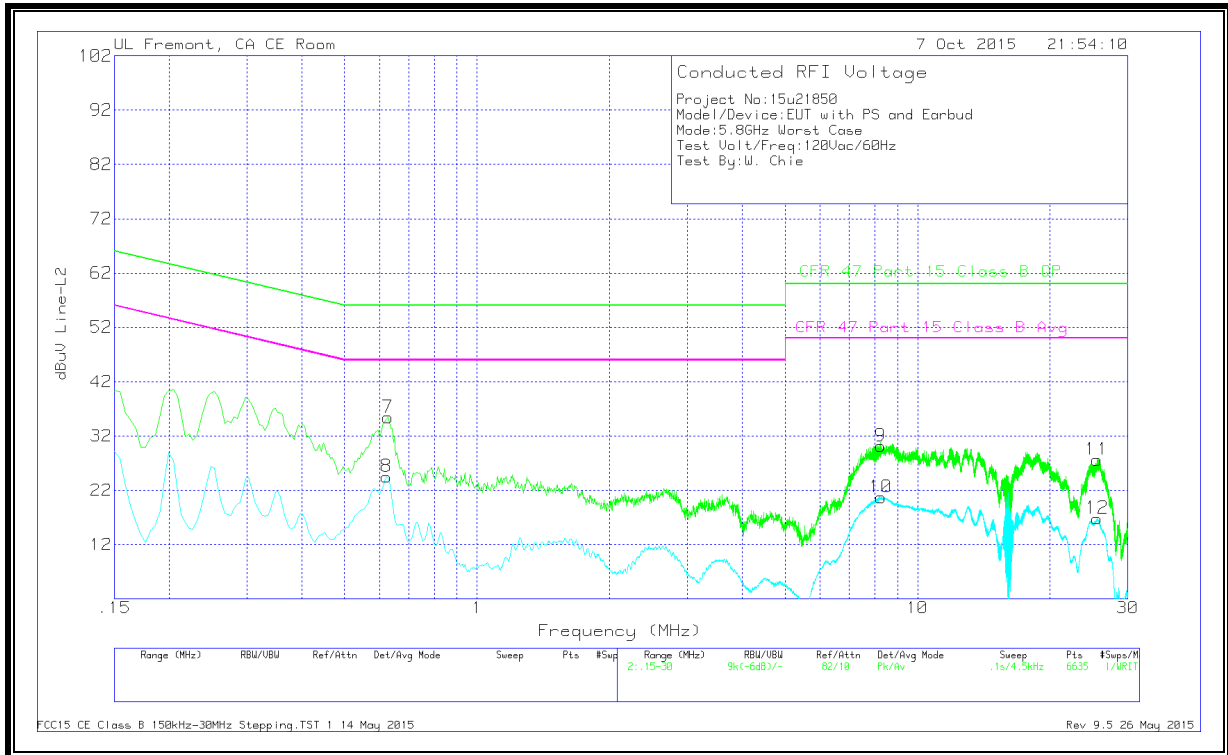
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
1	.6135	41.18	Pk	.3	0	41.48	56	-14.52	-	-
2	.618	29.51	Av	.3	0	29.81	-	-	46	-16.19
3	1.626	32.13	Pk	.2	.1	32.43	56	-23.57	-	-
4	1.6305	22.11	Av	.2	.1	22.41	-	-	46	-23.59
5	25.755	33.58	Pk	.3	.3	34.18	60	-25.82	-	-
6	25.7415	23.22	Av	.3	.3	23.82	-	-	50	-26.18

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	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
7	.627	35.1	Pk	.3	0	35.4	56	-20.6	-	-
8	.6225	24.19	Av	.3	0	24.49	-	-	46	-21.51
9	8.25	29.85	Pk	.2	.1	30.15	60	-29.85	-	-
10	8.2545	20.38	Av	.2	.1	20.68	-	-	50	-29.32
11	25.5435	27.04	Pk	.3	.3	27.64	60	-32.36	-	-
12	25.584	16.19	Av	.3	.3	16.79	-	-	50	-33.21

Pk - Peak detector

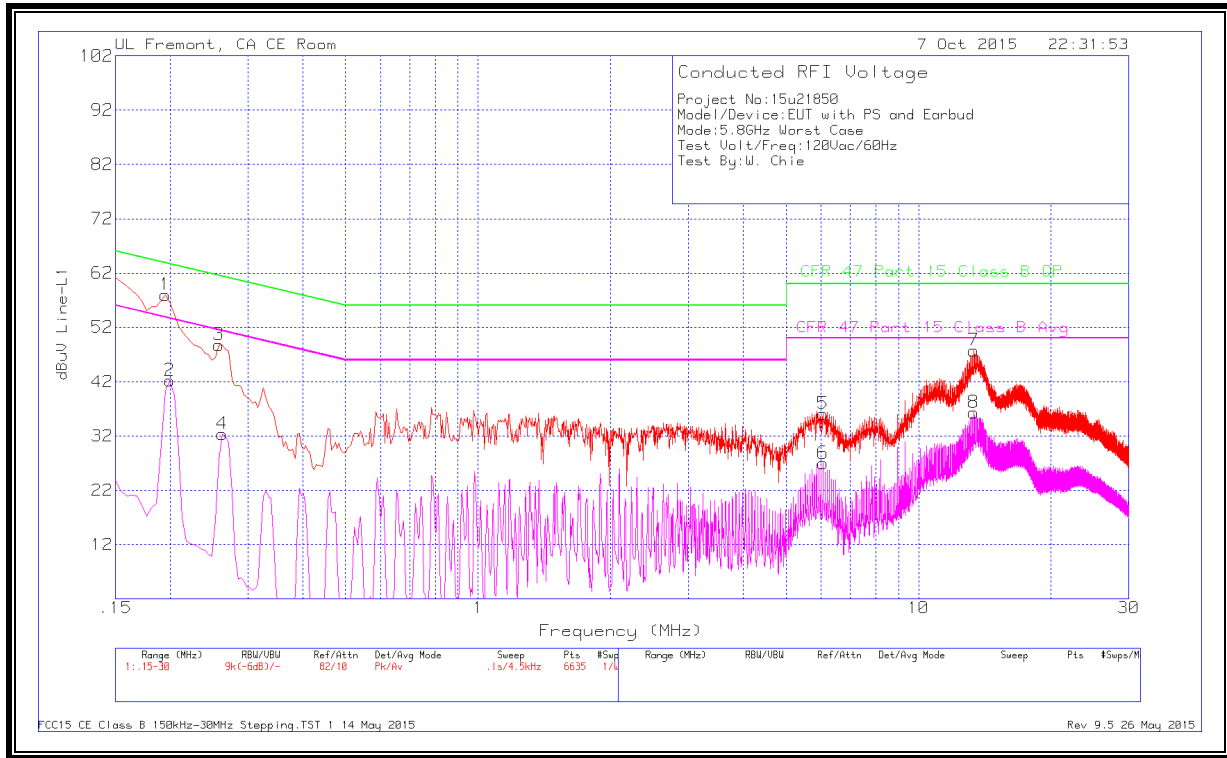
Av - Average detection

FCC15 CE Class B 150kHz-30MHz Stepping.TST 1 14 May 2015

Rev 9.5 26 May 2015

10.2. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



WORST EMISSIONS

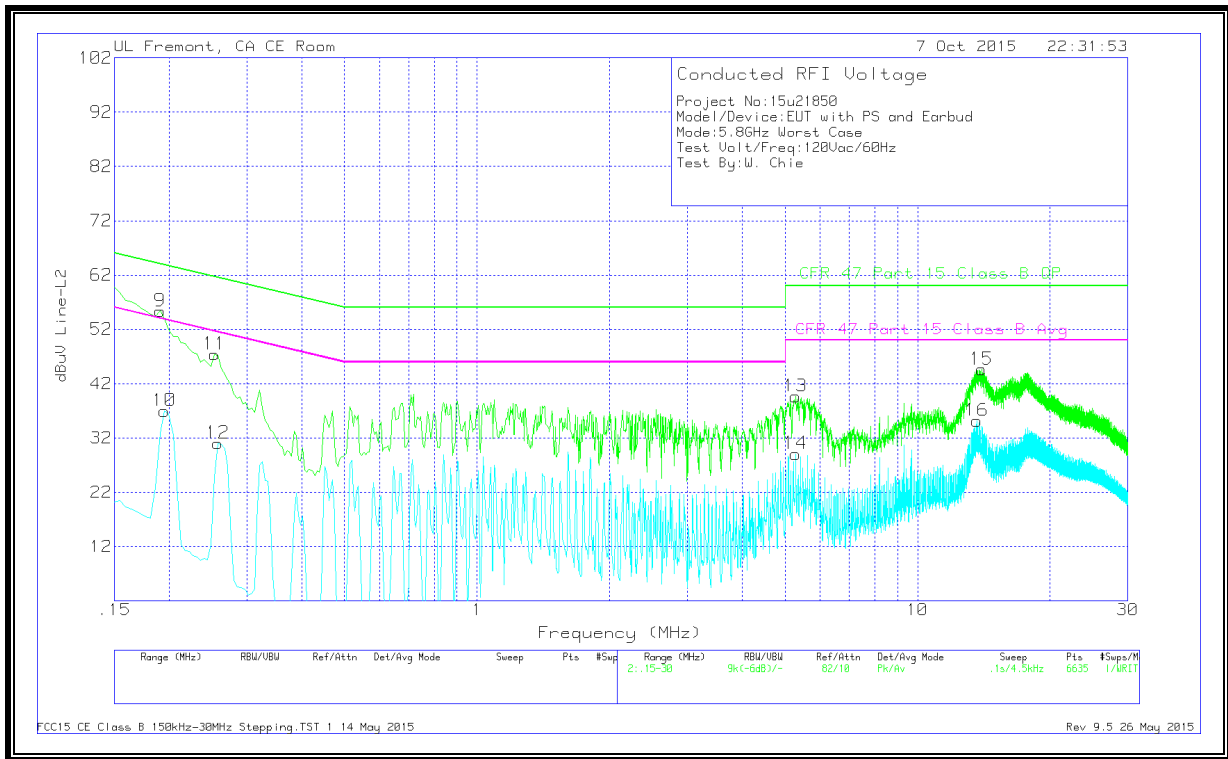
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	T24 IL L1	LC Cables 1&3	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
1	.195	56.99	Pk	1	0	57.99	63.82	-5.83	-	-
2	.1995	41.28	Av	.9	0	42.18	-	-	53.63	-11.45
3	.258	48.08	Pk	.7	0	48.78	61.5	-12.72	-	-
4	.2625	31.65	Av	.7	0	32.35	-	-	51.35	-19
5	6.0675	35.77	Pk	.2	.1	36.07	60	-23.93	-	-
6	6.0675	26.64	Av	.2	.1	26.94	-	-	50	-23.06
7	13.326	47.3	Pk	.2	.2	47.7	60	-12.3	-	-
8	13.326	35.89	Av	.2	.2	36.29	-	-	50	-13.71

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	CFR 47 Part 15 Class B QP	Margin (dB)	CFR 47 Part 15 Class B Avg	Margin (dB)
9	.1905	54.26	Pk	1.1	0	55.36	64.01	-8.65	-	-
10	.195	36	Av	1	0	37	-	-	53.82	-16.82
11	.2535	46.69	Pk	.7	0	47.39	61.64	-14.25	-	-
12	.258	30.32	Av	.7	0	31.02	-	-	51.5	-20.48
13	5.289	39.36	Pk	.2	.1	39.66	60	-20.34	-	-
14	5.289	28.77	Av	.2	.1	29.07	-	-	50	-20.93
15	13.9695	44.22	Pk	.2	.2	44.62	60	-15.38	-	-
16	13.6365	34.76	Av	.2	.2	35.16	-	-	50	-14.84

Pk - Peak detector

Av - Average detection

FCC15 CE Class B 150kHz-30MHz Stepping.TST 1 14 May 2015

Rev 9.5 26 May 2015