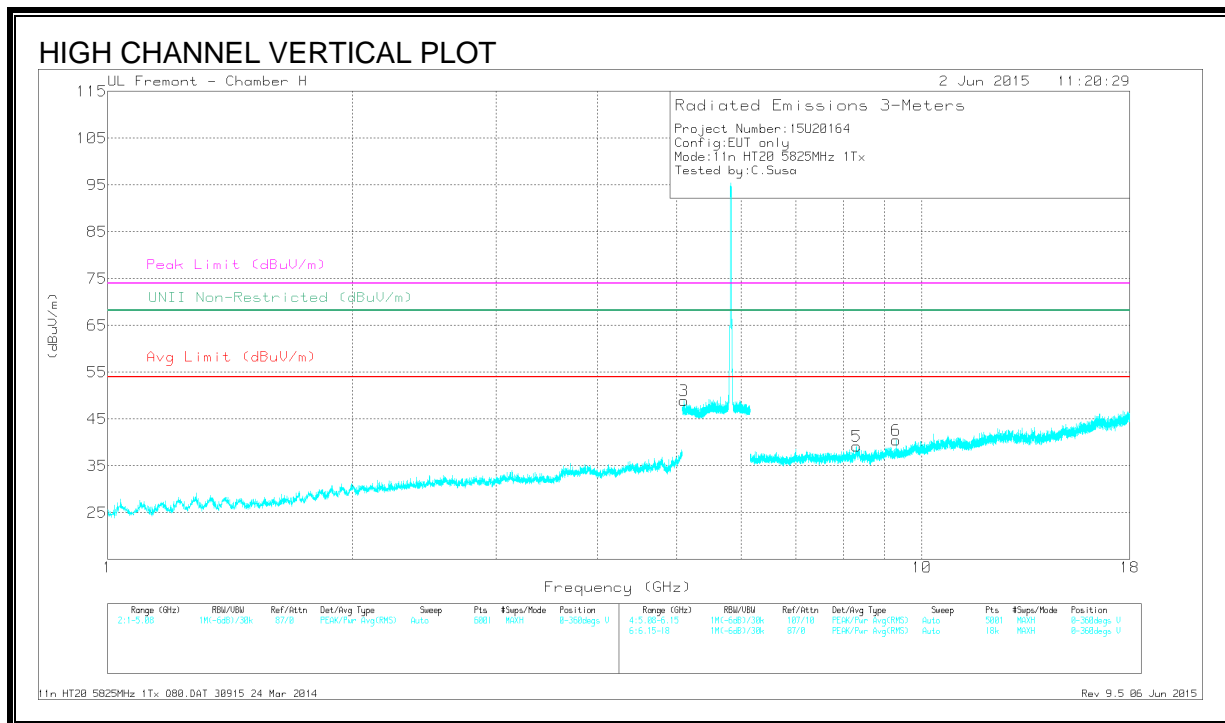
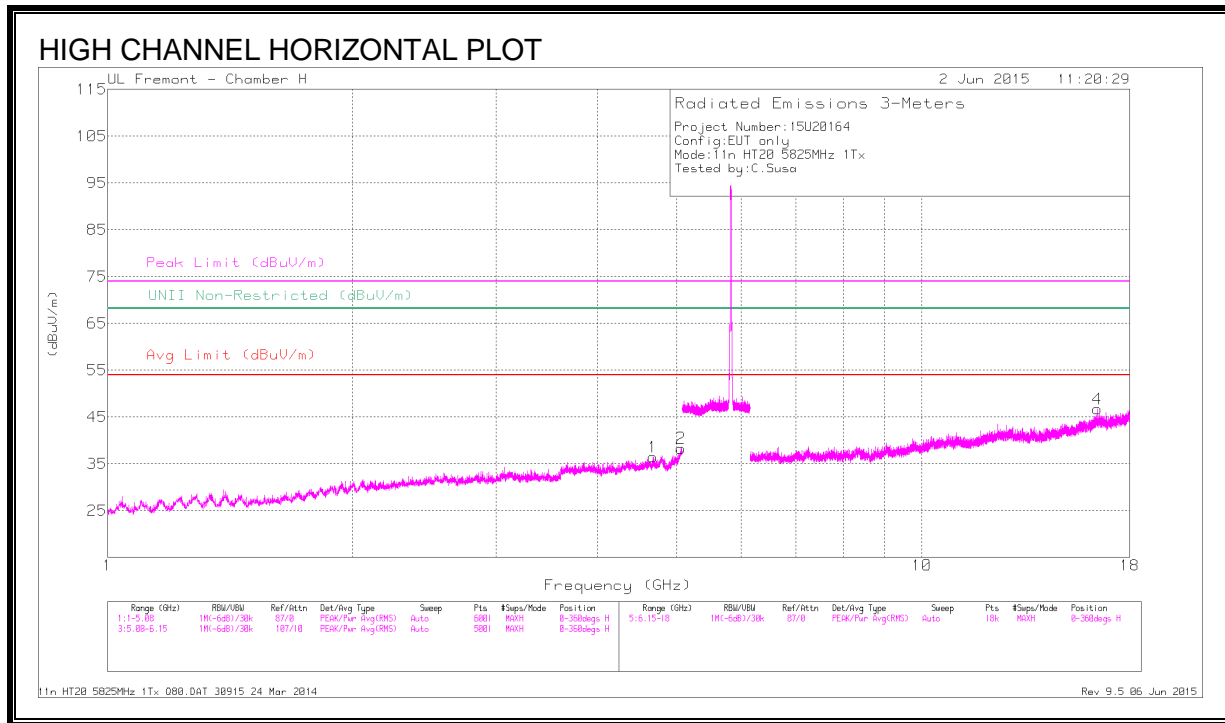


**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

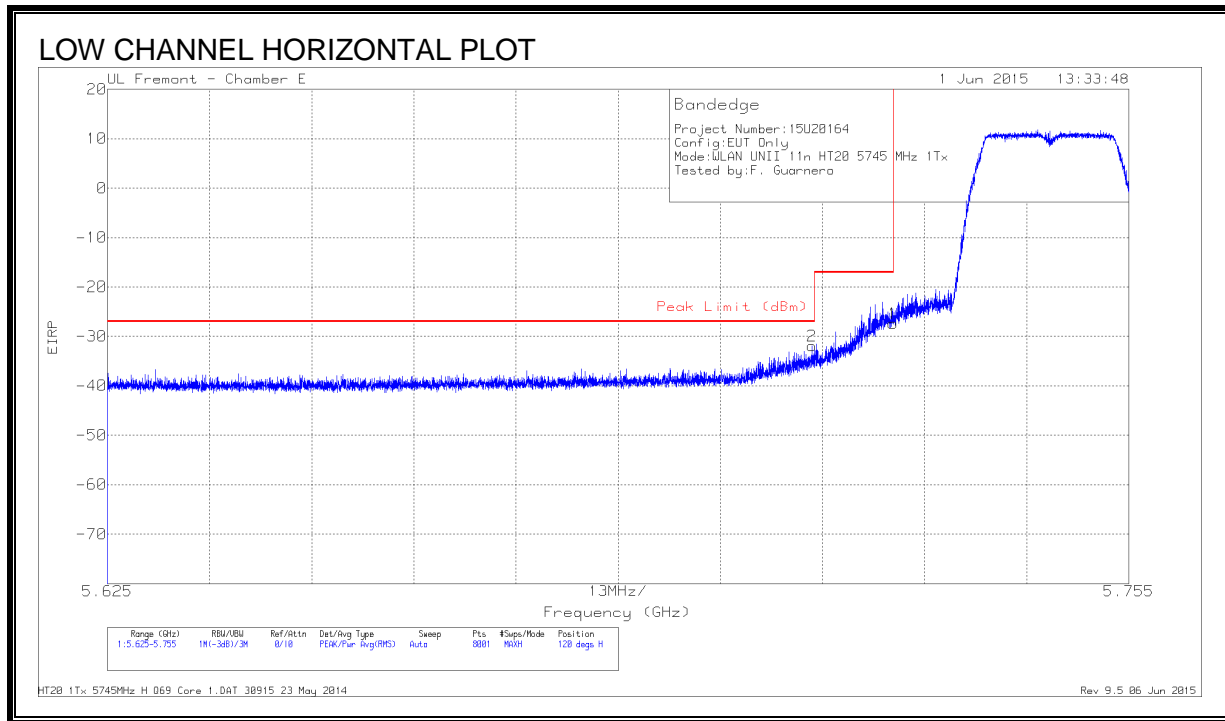
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Ch/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.678	41.35	PK3	34.1	-32.1	43.35	-	-	74	-30.65	68.2	-24.85	315	295	H
	* 4.678	29.86	ADR	34.1	-32.1	31.86	54	-22.14	-	-	-	-	315	295	H
2	* 5.059	41.08	PK3	34.3	-29.2	46.18	-	-	74	-27.82	68.2	-22.02	172	203	H
	* 5.058	29.05	ADR	34.3	-29.3	34.05	54	-19.95	-	-	-	-	172	203	H
3	* 5.105	43.79	PK3	34.3	-22.9	55.19	-	-	74	-18.81	68.2	-13.01	108	377	V
	* 5.106	32.39	ADR	34.3	-22.9	43.79	54	-10.21	-	-	-	-	108	377	V
5	* 8.309	37.36	PK3	35.9	-27.1	46.16	-	-	74	-27.84	68.2	-22.04	12	161	V
	* 8.311	26.04	ADR	35.9	-27.1	34.84	54	-19.16	-	-	-	-	12	161	V
6	9.299	37.77	PK3	36.4	-26.7	47.47	-	-	-	-	68.2	-20.73	116	366	V
4	16.417	36.31	PK3	41.6	-23.8	54.11	-	-	-	-	68.2	-14.09	264	248	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

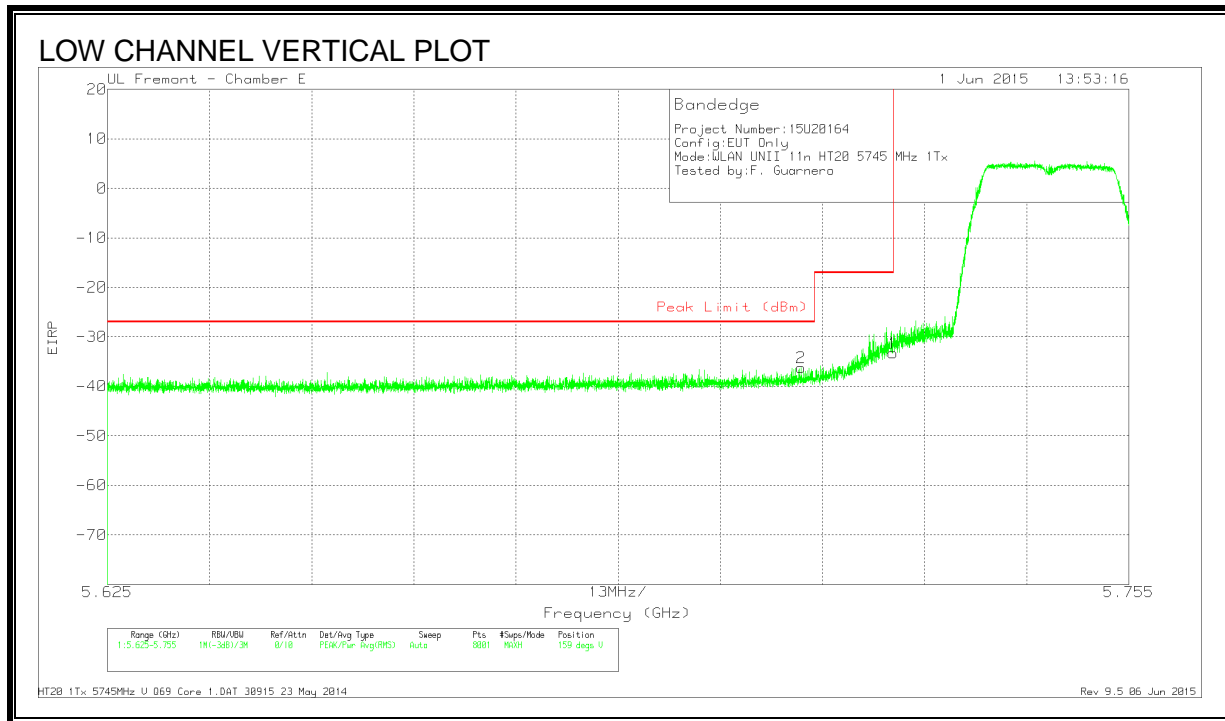
**RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
2	5.715	-57.38	Pk	34.7	-21	11.8	-31.88	-27	-4.88	120	176	H
1	5.725	-52.91	Pk	34.7	-21	11.8	-27.41	-17	-10.41	120	176	H

Pk - Peak detector

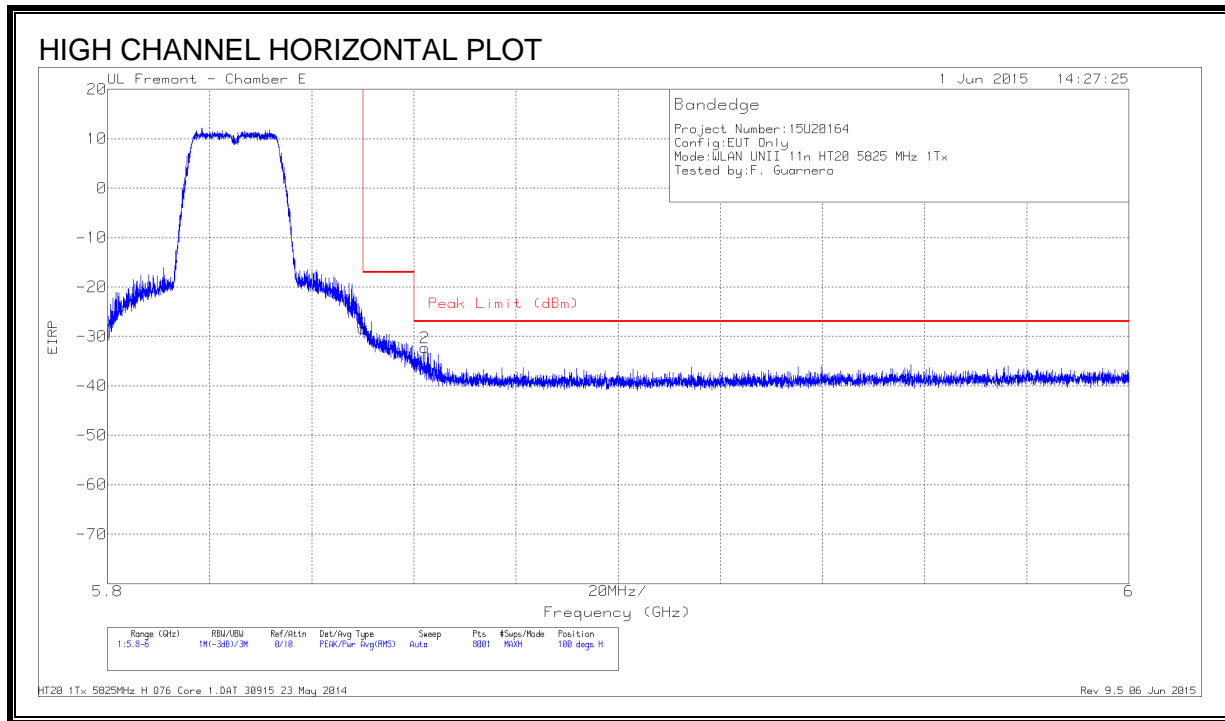


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-61.76	Pk	34.7	-21	11.8	-36.26	-27	-9.26	159	312	V
1	5.725	-58.73	Pk	34.7	-21	11.8	-33.23	-17	-16.23	159	312	V

Pk - Peak detector

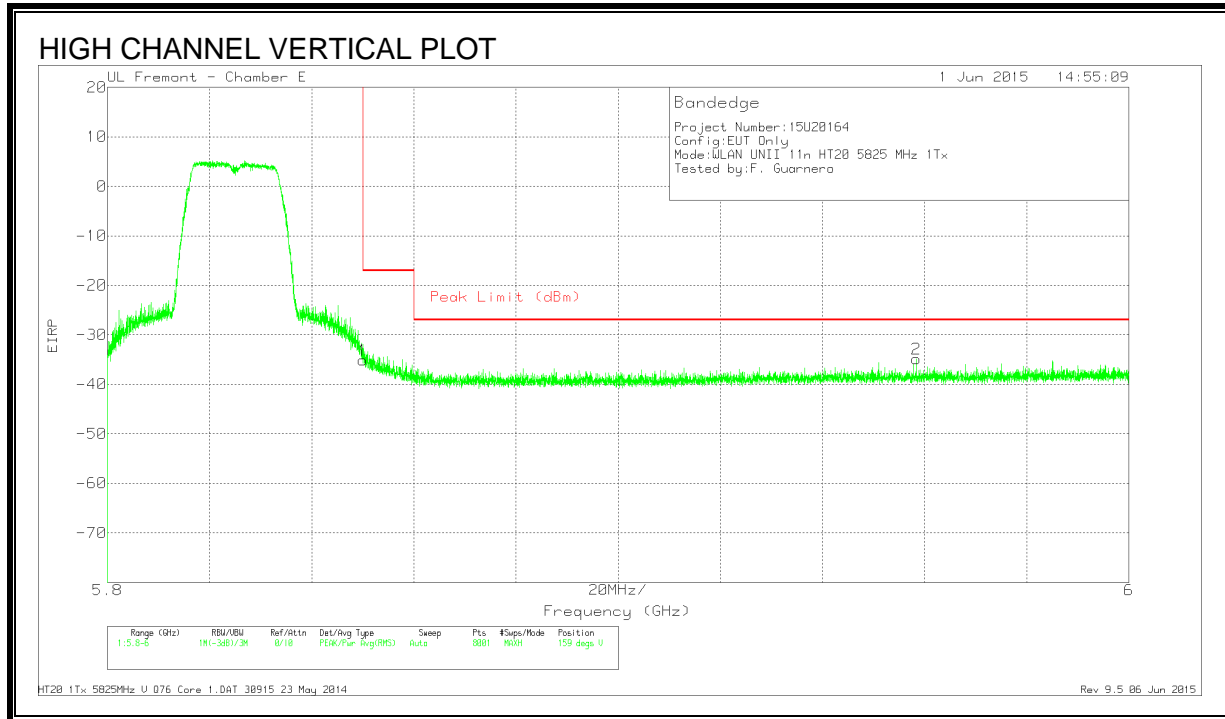
**RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-53.82	Pk	34.9	-21.2	11.8	-28.32	-17	-11.32	100	171	H
2	5.862	-57.02	Pk	34.9	-21.3	11.8	-31.62	-27	-4.62	100	171	H

Pk - Peak detector

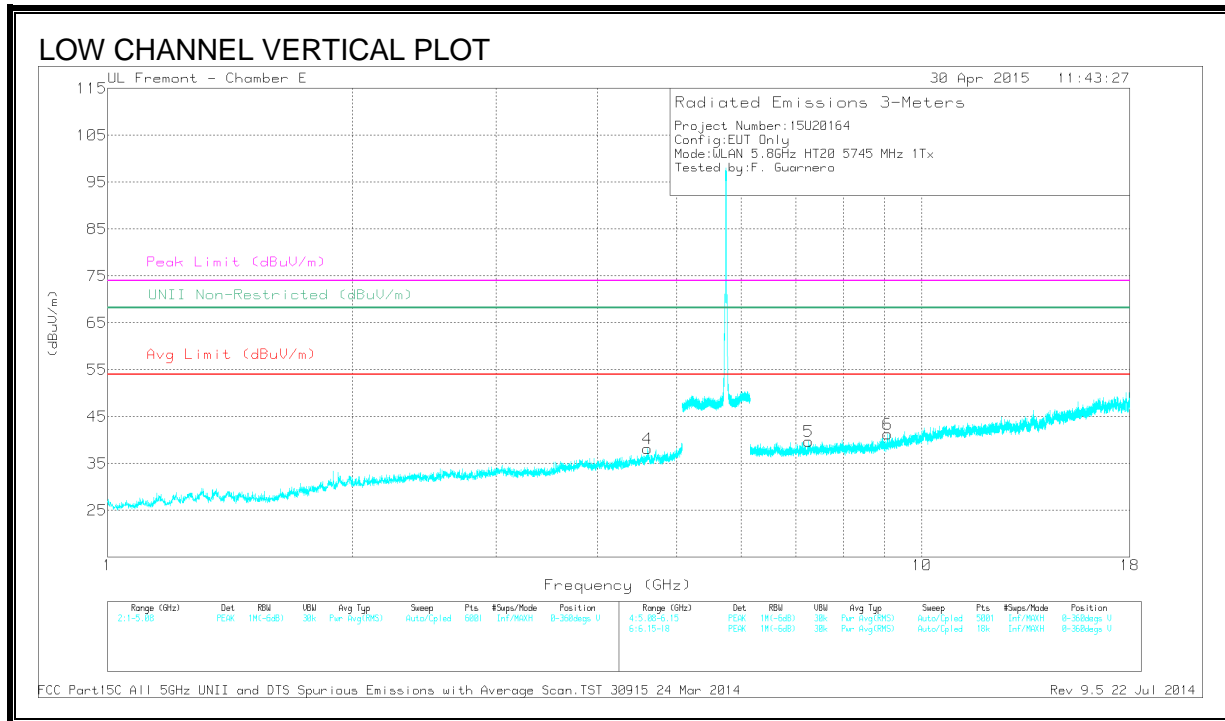
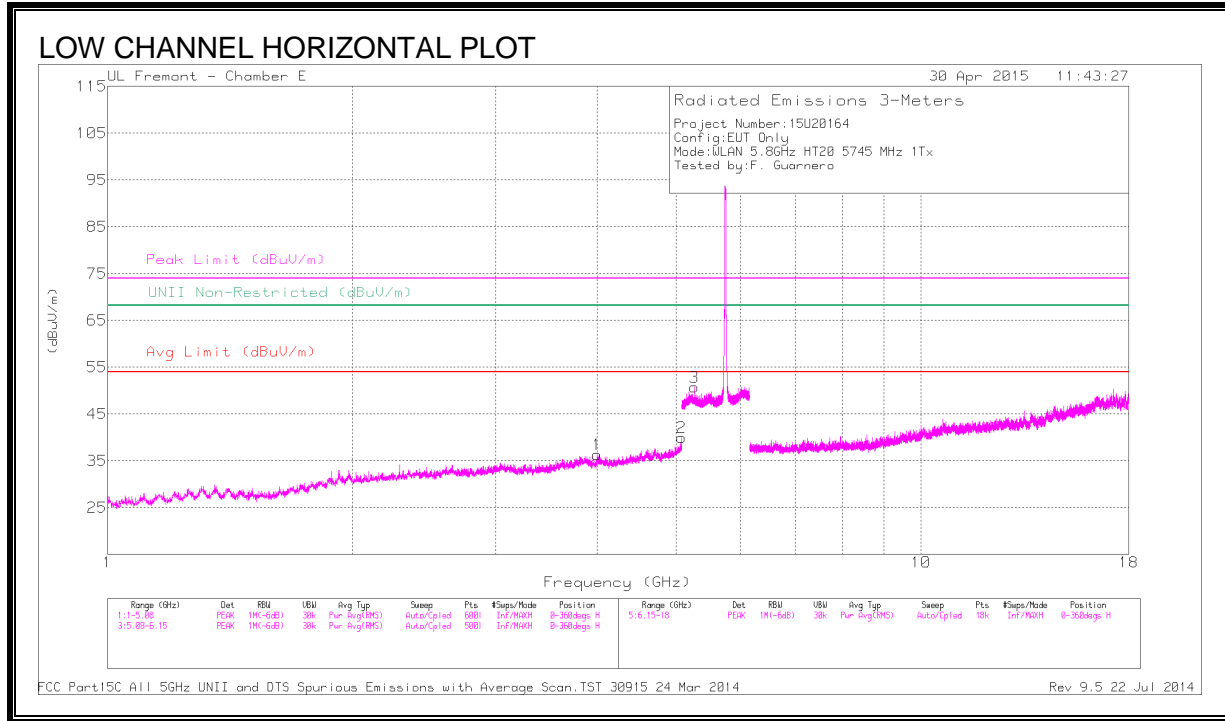


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-60.6	Pk	34.9	-21.2	11.8	-35.1	-17	-18.1	159	302	V
2	5.958	-60.6	Pk	35	-21.1	11.8	-34.9	-27	-7.9	159	302	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	* 3.998	41.2	PK1	33.4	-31	43.6	-	-	74	-30.4	-	-	256	123	H
	* 4.002	30.09	AD1	33.4	-30.9	32.59	54	-21.41	-	-	-	-	256	123	H
2	* 5.079	41.69	PK1	34.2	-27.9	47.99	-	-	74	-26.01	-	-	218	216	H
	* 5.079	29.9	AD1	34.2	-27.9	36.2	54	-17.8	-	-	-	-	218	216	H
3	5.264	43.35	PK1	34.5	-21.3	56.55	-	-	-	-	68.2	-11.65	226	173	H
4	* 4.601	42.83	PK1	34.1	-30.5	46.43	-	-	74	-27.57	-	-	175	221	V
	* 4.601	30.22	AD1	34.1	-30.5	33.82	54	-20.18	-	-	-	-	175	221	V
5	* 7.259	38.92	PK1	35.5	-27.7	46.72	-	-	74	-27.28	-	-	131	117	V
	* 7.256	27.29	AD1	35.5	-27.8	34.99	54	-19.01	-	-	-	-	131	117	V
6	* 9.078	38.46	PK1	36.3	-26.7	48.06	-	-	74	-25.94	-	-	138	120	V
	* 9.079	27.22	AD1	36.3	-26.7	36.82	54	-17.18	-	-	-	-	138	120	V

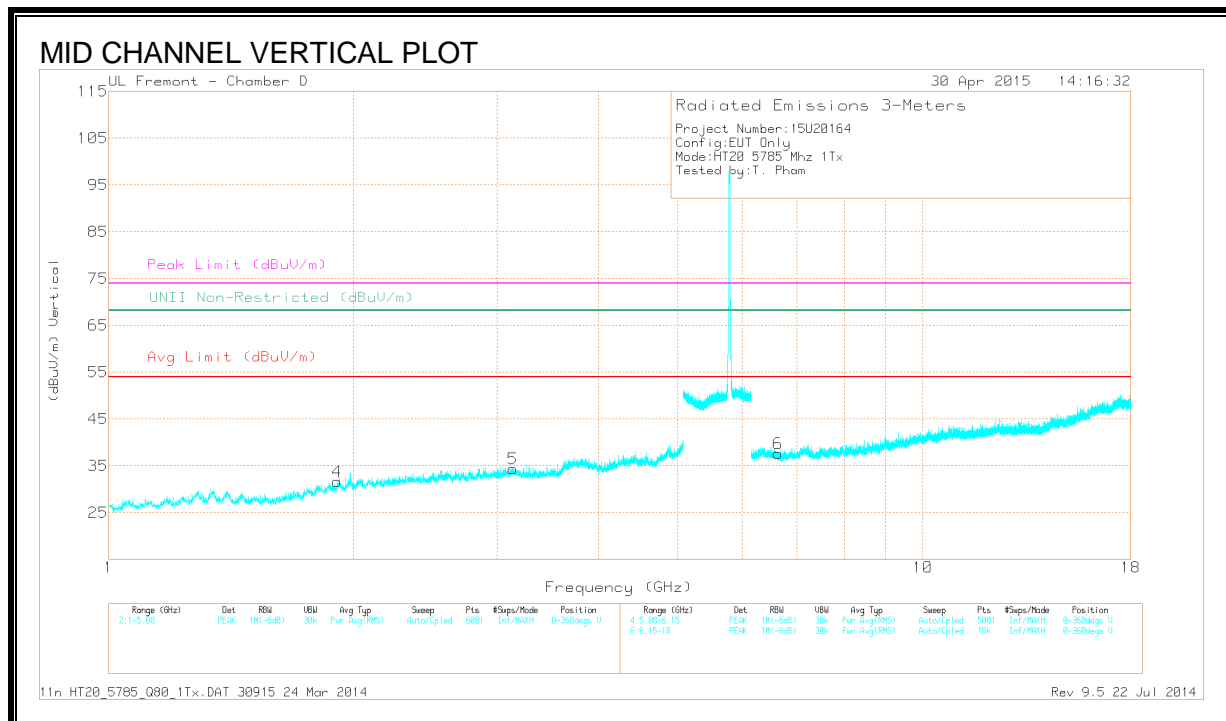
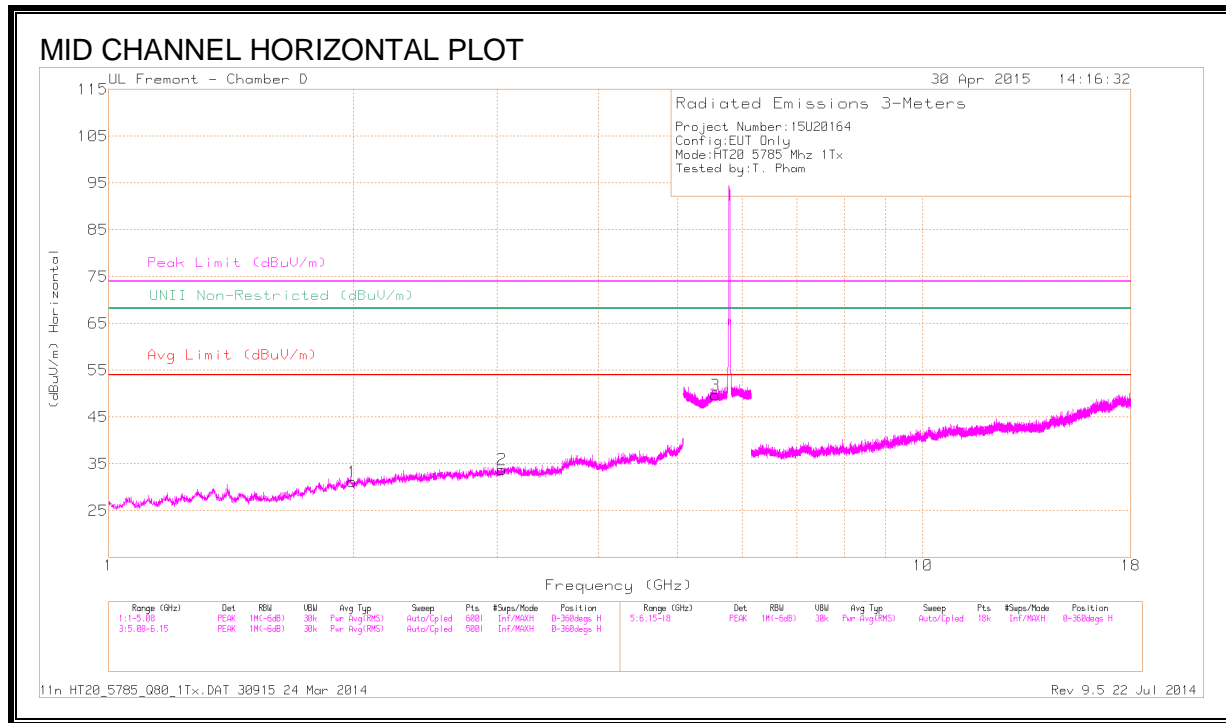
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



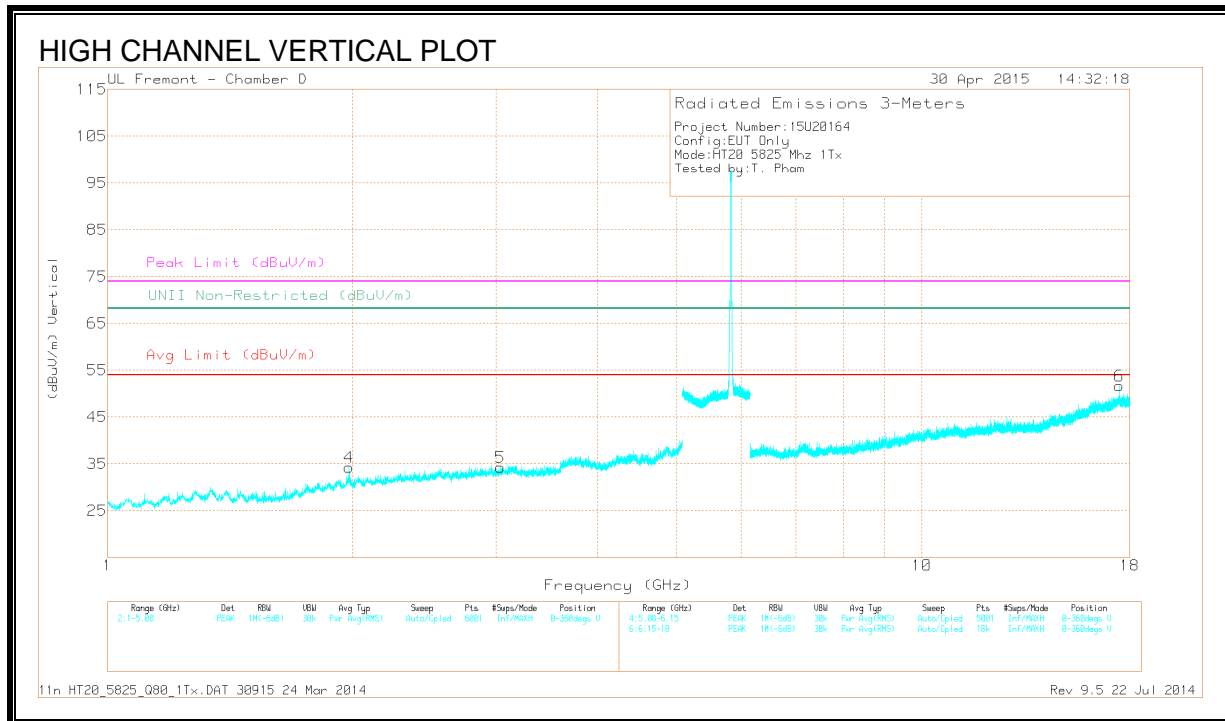
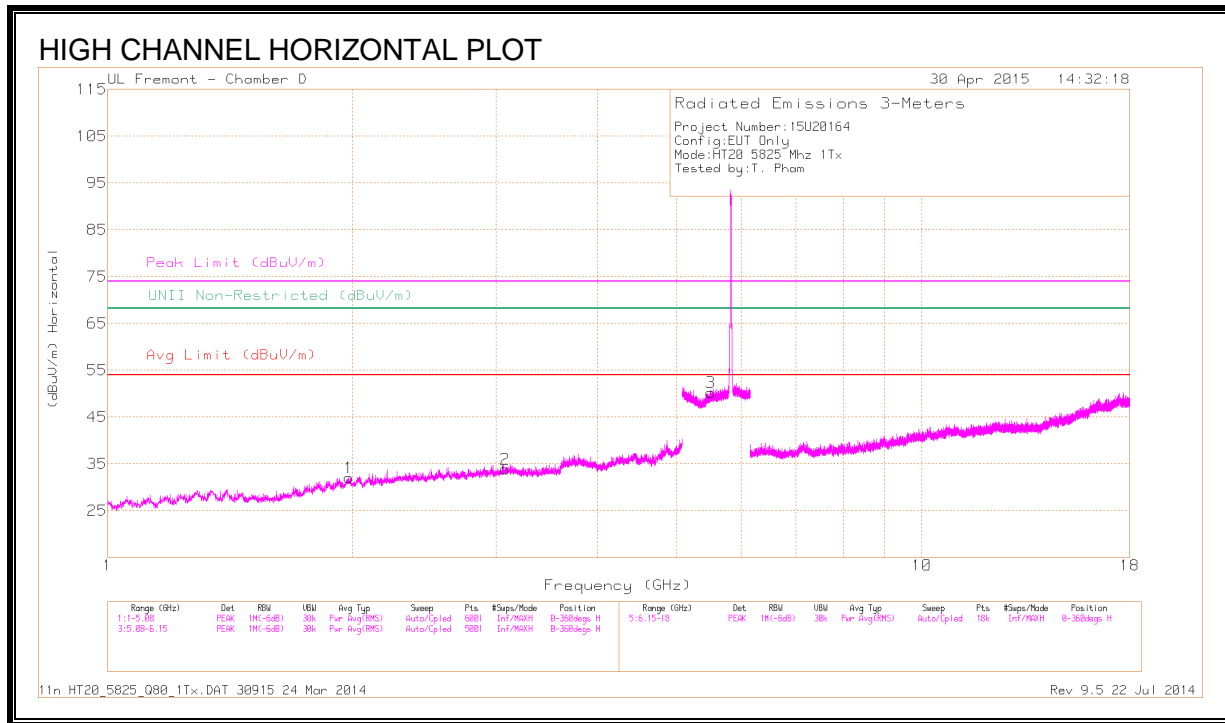
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fit r/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
4	1.909	39.87	PK1	30.8	-31.3	39.37	-	-	-	-	68.2	-28.83	88	233	V
1	1.992	39.2	PK1	31.1	-30.7	39.6	-	-	-	-	68.2	-28.6	88	233	H
2	3.044	39.02	PK1	32.9	-29.9	42.02	-	-	-	-	68.2	-26.18	88	233	H
5	3.135	38.8	PK1	32.8	-28.7	42.9	-	-	-	-	68.2	-25.3	88	233	V
3	5.562	41.41	PK1	34.4	-18	57.81	-	-	-	-	68.2	-10.39	88	233	H
6	6.64	37.21	PK1	35.5	-26.2	46.51	-	-	-	-	68.2	-21.69	88	233	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



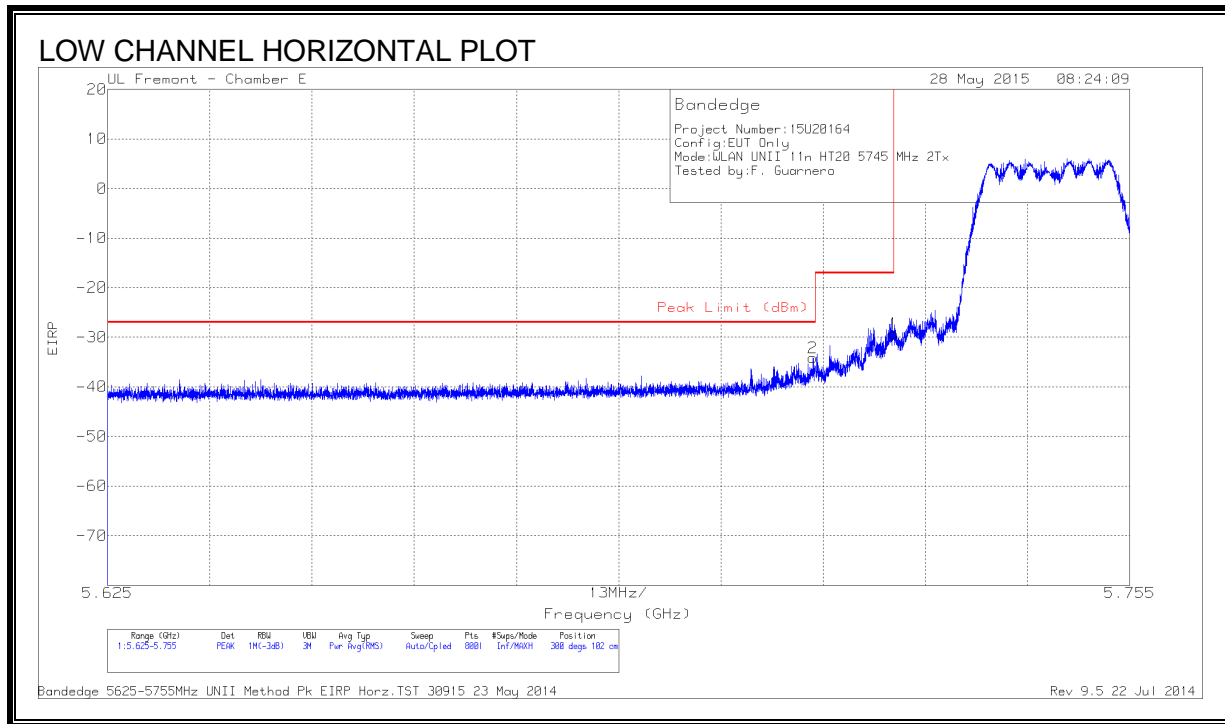
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fit r/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	1.979	40.22	PK1	31	-30.8	40.42	-	-	-	-	68.2	-27.78	88	233	H
4	1.98	41.14	PK1	31	-30.8	41.34	-	-	-	-	68.2	-26.86	88	233	V
5	3.034	39.32	PK1	32.9	-30.1	42.12	-	-	-	-	68.2	-26.08	88	233	V
2	3.077	39.58	PK1	32.9	-29.3	43.18	-	-	-	-	68.2	-25.02	88	233	H
3	5.502	40.95	PK1	34.4	-18	57.35	-	-	-	-	68.2	-10.85	88	233	H
6	17.472	33.44	PK1	41.5	-17.8	57.14	-	-	-	-	68.2	-11.06	88	233	V

PK1 - KDB789033 Method: Peak

### 10.21. 802.11n HT20 2Tx CDD MODE IN THE 5.8 GHz BAND

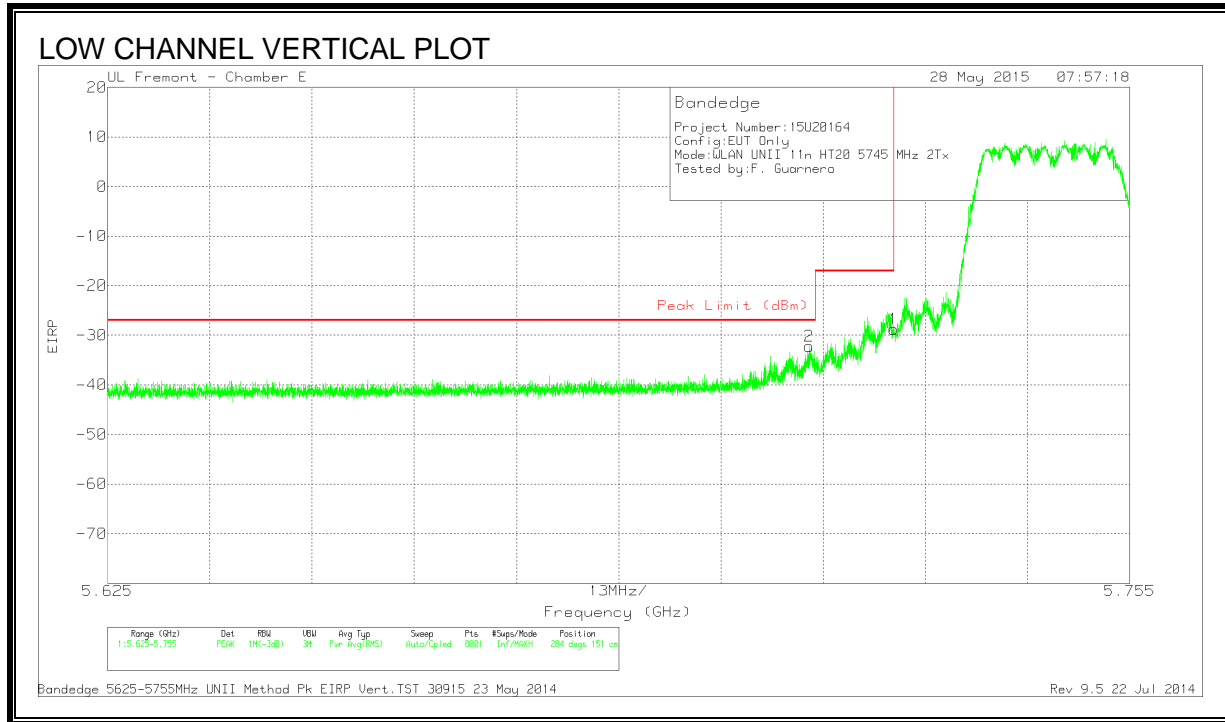
#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-59.66	PK	34.7	-21	11.8	-34.16	-27	-7.16	300	102	H
1	5.725	-54.66	PK	34.7	-21	11.8	-29.16	-17	-12.16	300	102	H

PK - Peak detector

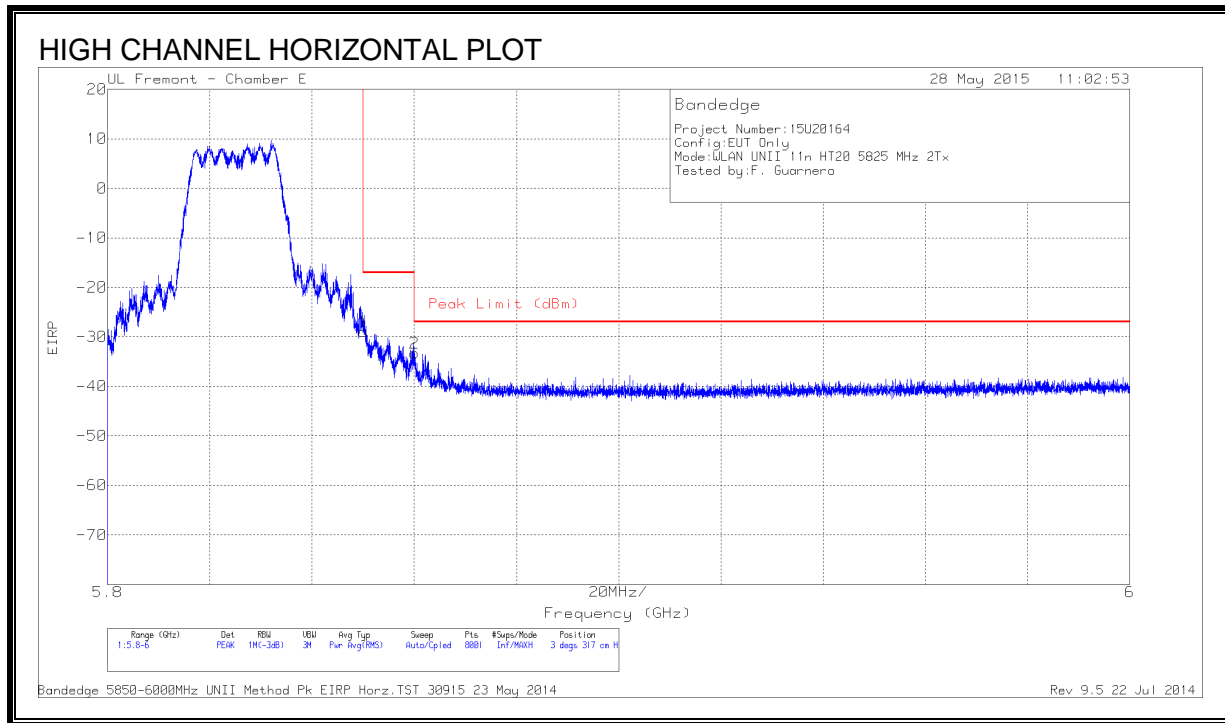


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.714	-57.72	PK	34.7	-21	11.8	-32.22	-27	-5.22	284	151	V
1	5.725	-54.28	PK	34.7	-21	11.8	-28.78	-17	-11.78	284	151	V

PK - Peak detector

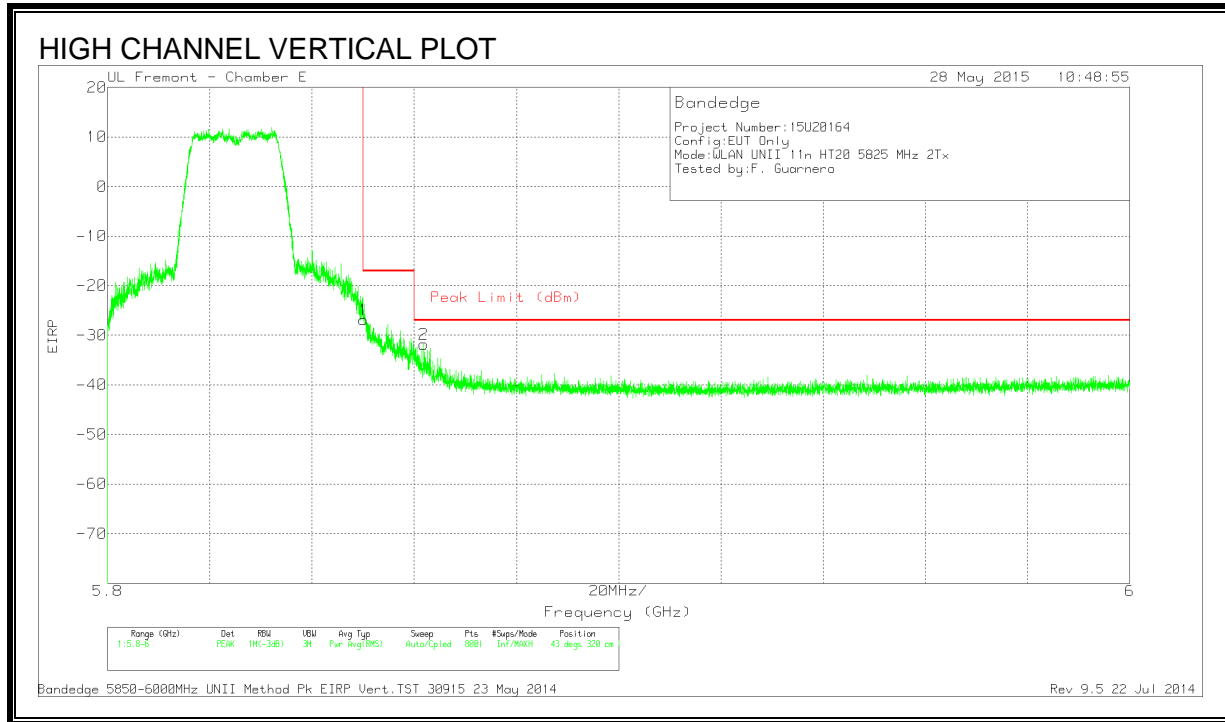
**RESTRICTED BANDEGE (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-51.42	PK	34.9	-21.2	11.8	-25.92	-17	-8.92	3	317	H
2	5.86	-57.79	PK	34.9	-21.2	11.8	-32.29	-27	-5.29	3	317	H

PK - Peak detector



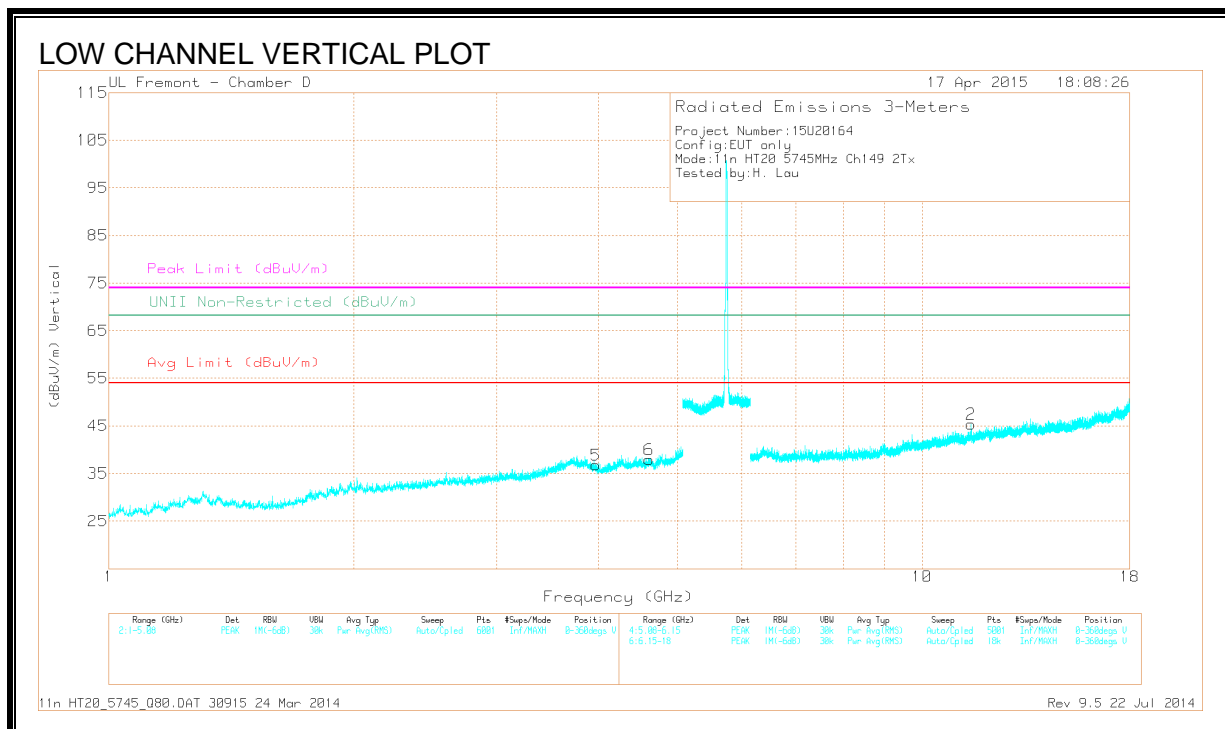
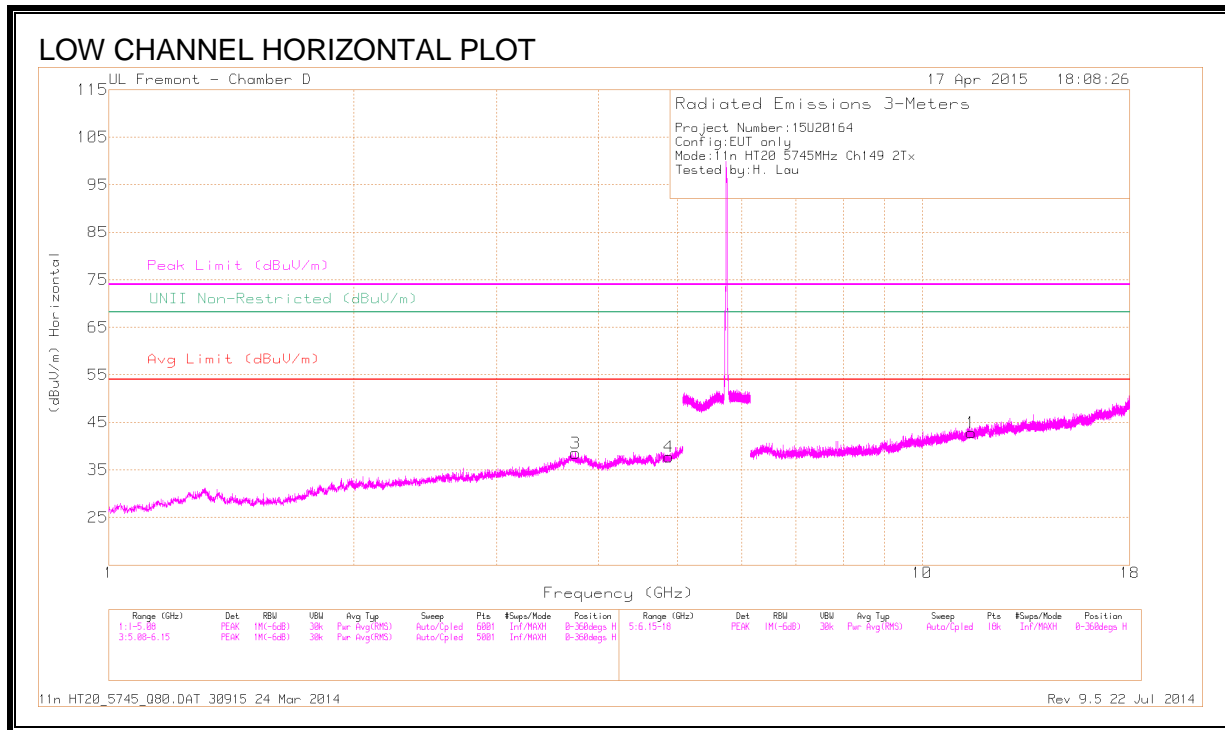
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-52.39	PK	34.9	-21.2	11.8	-26.89	-17	-9.89	43	320	V
2	5.862	-57.25	PK	34.9	-21.3	11.8	-31.85	-27	-4.85	43	320	V

PK - Peak detector



**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

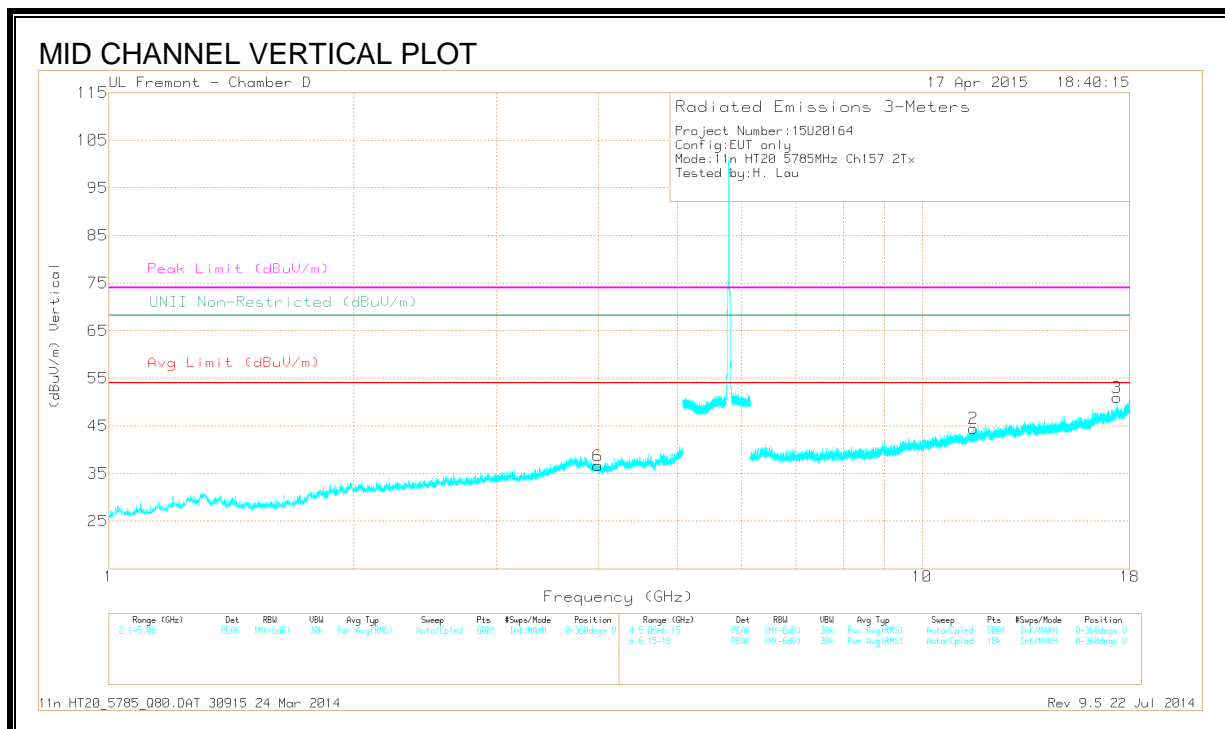
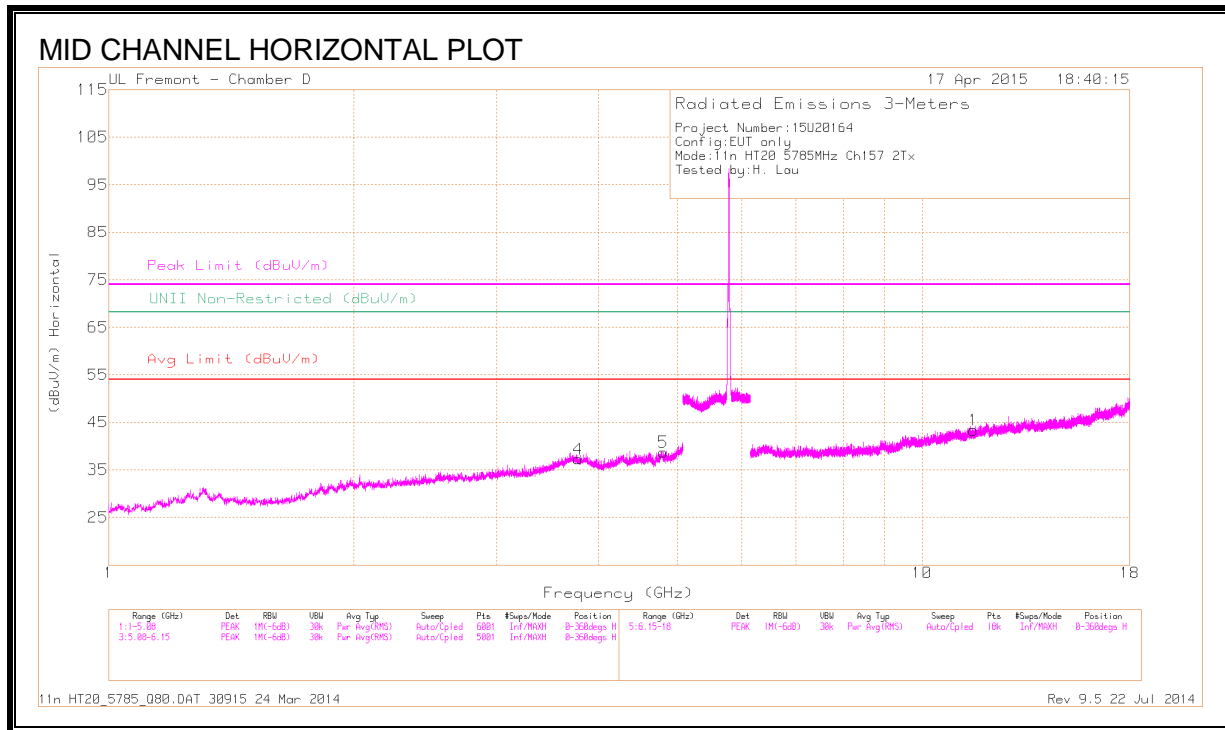
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.748	38.77	PK1	34.4	-29.4	43.77	-	-	74	-30.23	-	-	186	271	H
	* 3.749	27.47	AD1	34.4	-29.4	32.47	54	-21.53	-	-	-	-	186	271	H
4	* 4.883	36.43	PK1	34.1	-27.3	43.23	-	-	74	-30.77	-	-	124	114	H
	* 4.884	25.27	AD1	34.1	-27.3	32.07	54	-21.93	-	-	-	-	124	114	H
5	* 3.97	38.47	PK1	33.7	-28.7	43.47	-	-	74	-30.53	-	-	66	202	V
	* 3.97	26.9	AD1	33.7	-28.7	31.9	54	-22.1	-	-	-	-	66	202	V
6	* 4.617	37.19	PK1	34	-26.8	44.39	-	-	74	-29.61	-	-	203	168	V
	* 4.618	26.22	AD1	34	-26.8	33.42	54	-20.58	-	-	-	-	203	168	V
1	* 11.485	34.04	PK1	38.5	-22.1	50.44	-	-	74	-23.56	-	-	178	150	H
	* 11.482	23.06	AD1	38.5	-22	39.56	54	-14.44	-	-	-	-	178	150	H
2	* 11.497	35.01	PK1	38.6	-22	51.61	-	-	74	-22.39	-	-	176	171	V
	* 11.49	24.15	AD1	38.5	-22.1	40.55	54	-13.45	-	-	-	-	176	171	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

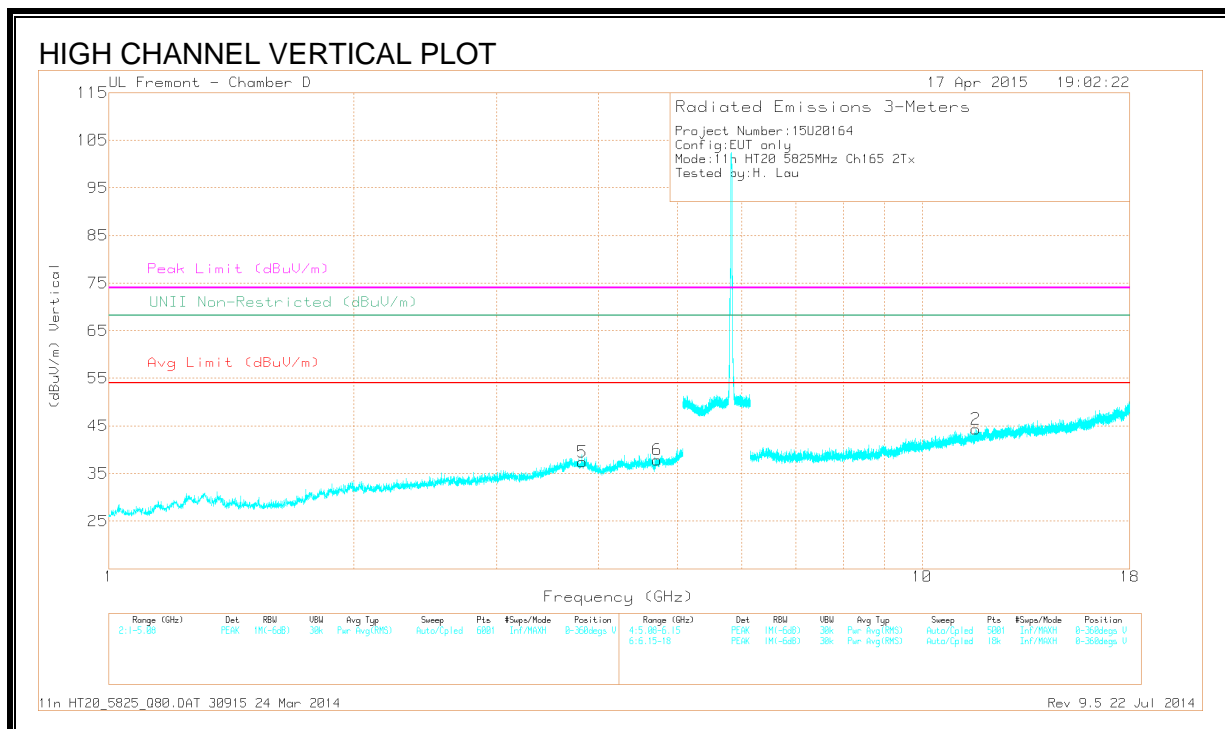
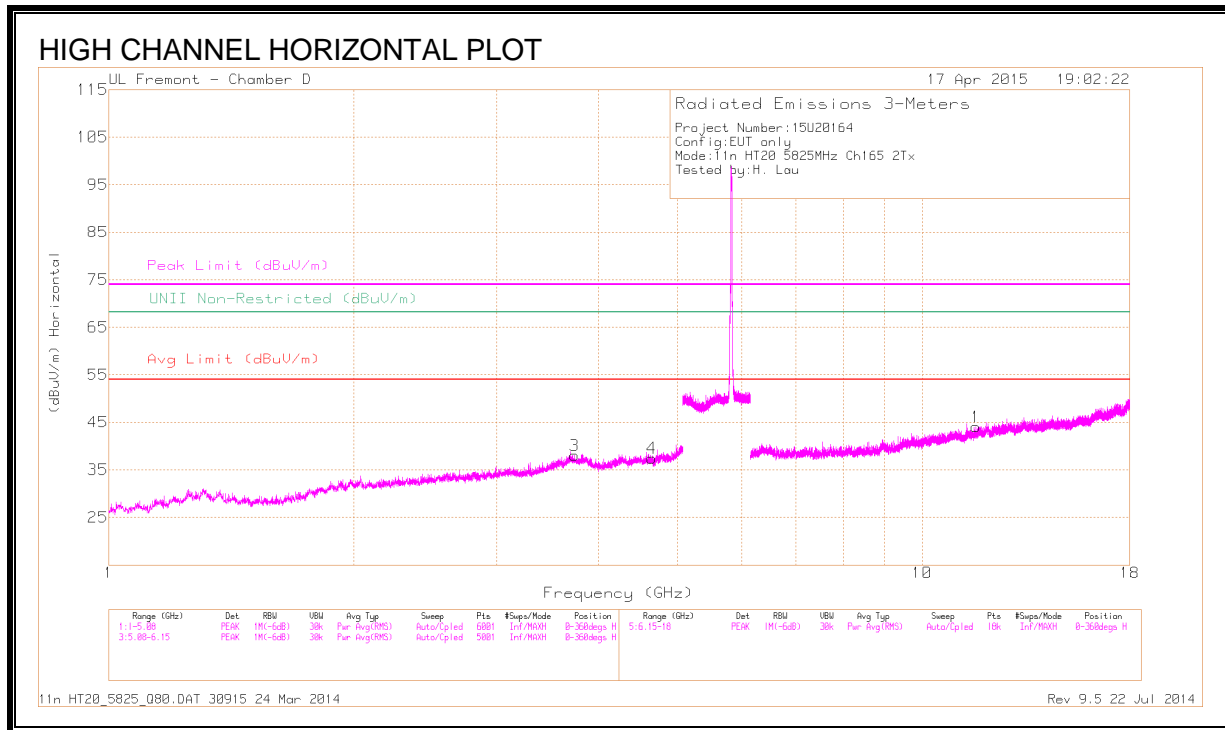
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.78	38.8	PK1	34.3	-29.3	43.8	-	-	74	-30.2	-	-	125	149	H
	* 3.78	27.34	AD1	34.2	-29.3	32.24	54	-21.76	-	-	-	-	125	149	H
5	* 4.804	38.76	PK1	34.1	-27.7	45.16	-	-	74	-28.84	-	-	176	182	H
	* 4.805	26.96	AD1	34.1	-27.7	33.36	54	-20.64	-	-	-	-	176	182	H
6	* 3.994	38.6	PK1	33.7	-28.4	43.9	-	-	74	-30.1	-	-	285	245	V
	* 3.995	26.65	AD1	33.7	-28.4	31.95	54	-22.05	-	-	-	-	285	245	V
1	* 11.565	34.65	PK1	38.6	-22.7	50.55	-	-	74	-23.45	-	-	99	280	H
	* 11.565	23.42	AD1	38.6	-22.7	39.32	54	-14.68	-	-	-	-	99	280	H
2	* 11.562	34.76	PK1	38.6	-22.7	50.66	-	-	74	-23.34	-	-	311	111	V
	* 11.563	23.43	AD1	38.6	-22.7	39.33	54	-14.67	-	-	-	-	311	111	V
3	17.349	36.61	PK1	41	-20.1	57.51	-	-	-	-	68.2	-10.69	71	233	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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
3	* 3.739	39.41	PK1	34.5	-29.3	44.61	-	-	74	-29.39	-	-	101	221	H
	* 3.738	27.54	AD1	34.5	-29.3	32.74	54	-21.26	-	-	-	-	101	221	H
4	* 4.652	37.94	PK1	34	-26.9	45.04	-	-	74	-28.96	-	-	221	185	H
	* 4.651	26.64	AD1	34	-26.9	33.74	54	-20.26	-	-	-	-	221	185	H
5	* 3.822	38.65	PK1	34.1	-29	43.75	-	-	74	-30.25	-	-	345	225	V
	* 3.823	27.54	AD1	34.1	-29	32.64	54	-21.36	-	-	-	-	345	225	V
6	* 4.723	38.85	PK1	34	-27.3	45.55	-	-	74	-28.45	-	-	82	304	V
	* 4.723	27.63	AD1	34	-27.3	34.33	54	-19.67	-	-	-	-	82	304	V
1	* 11.645	34.24	PK1	38.7	-22.3	50.64	-	-	74	-23.36	-	-	189	223	H
	* 11.644	23.07	AD1	38.7	-22.3	39.47	54	-14.53	-	-	-	-	189	223	H
2	* 11.649	34.52	PK1	38.8	-22.4	50.92	-	-	74	-23.08	-	-	193	171	V
	* 11.648	22.95	AD1	38.8	-22.4	39.35	54	-14.65	-	-	-	-	193	171	V

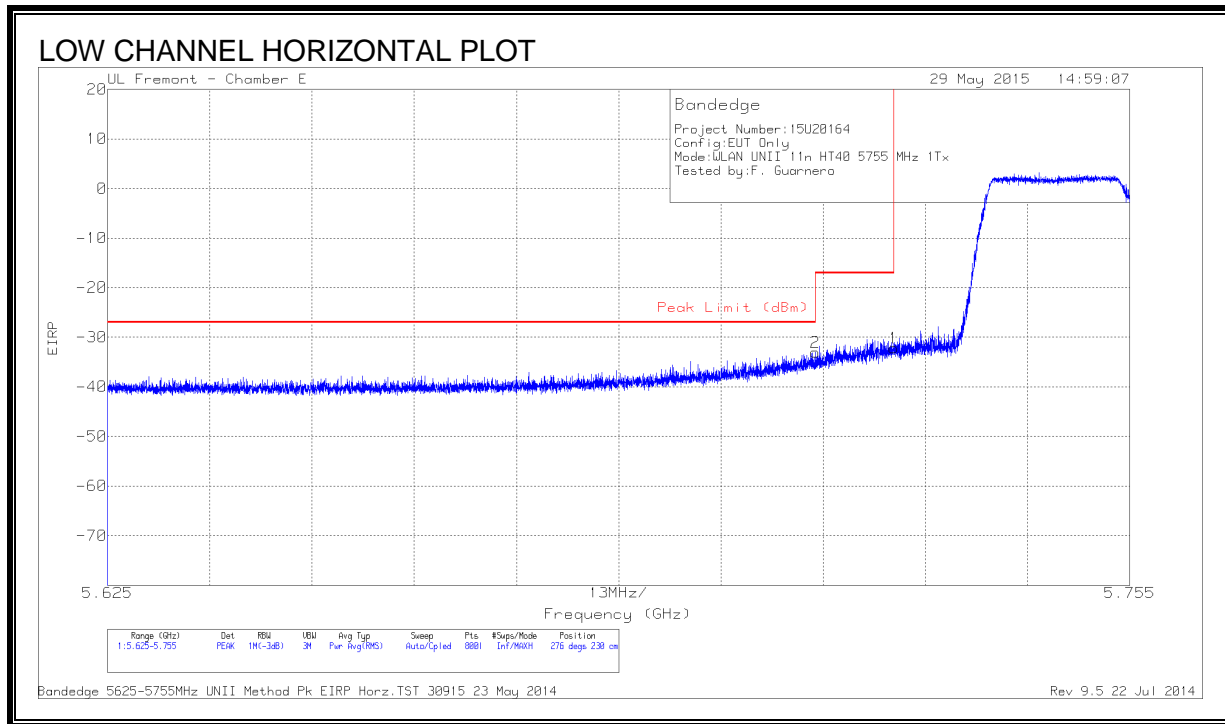
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 10.22. 802.11n HT40 1Tx MODE IN THE 5.8 GHz BAND

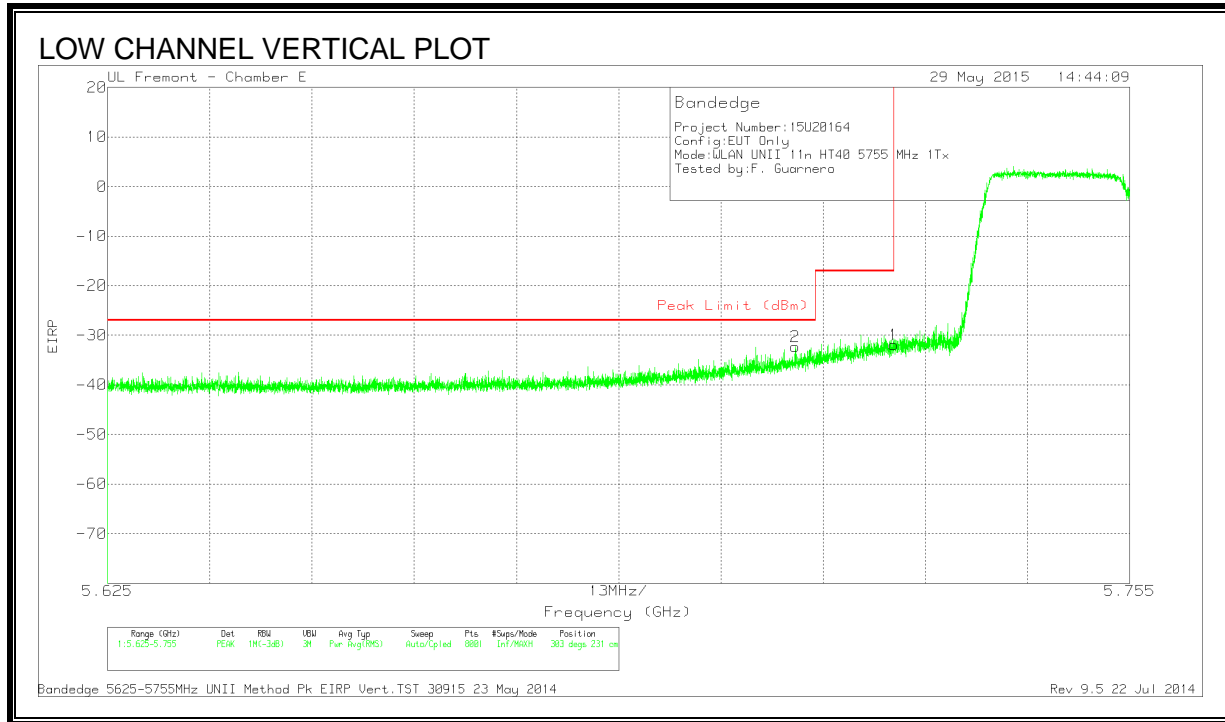
#### RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-57.69	Pk	34.7	-21	11.8	-32.19	-27	-5.19	276	230	H
1	5.725	-58.98	Pk	34.7	-21	11.8	-33.48	-17	-16.48	276	230	H

PK - Peak detector



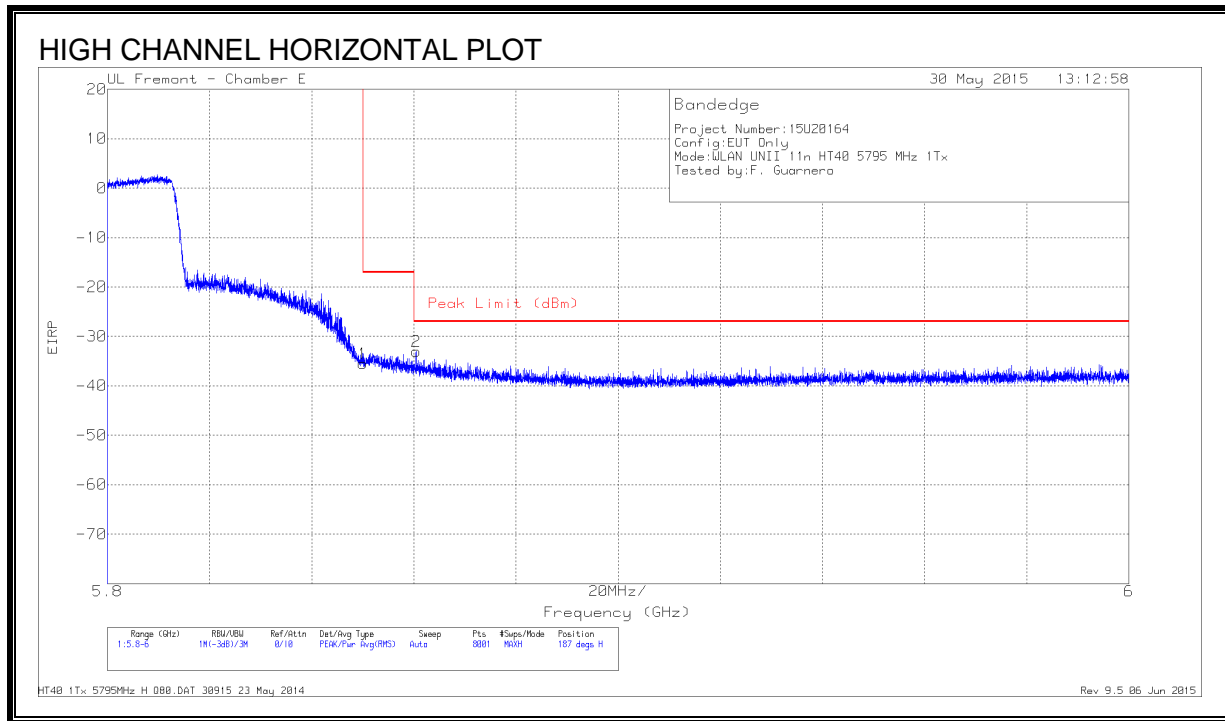
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.712	-57.4	PK	34.7	-21	11.8	-31.9	-27	-4.9	303	231	V
1	5.725	-57.94	PK	34.7	-21	11.8	-32.44	-17	-15.44	303	231	V

PK - Peak detector



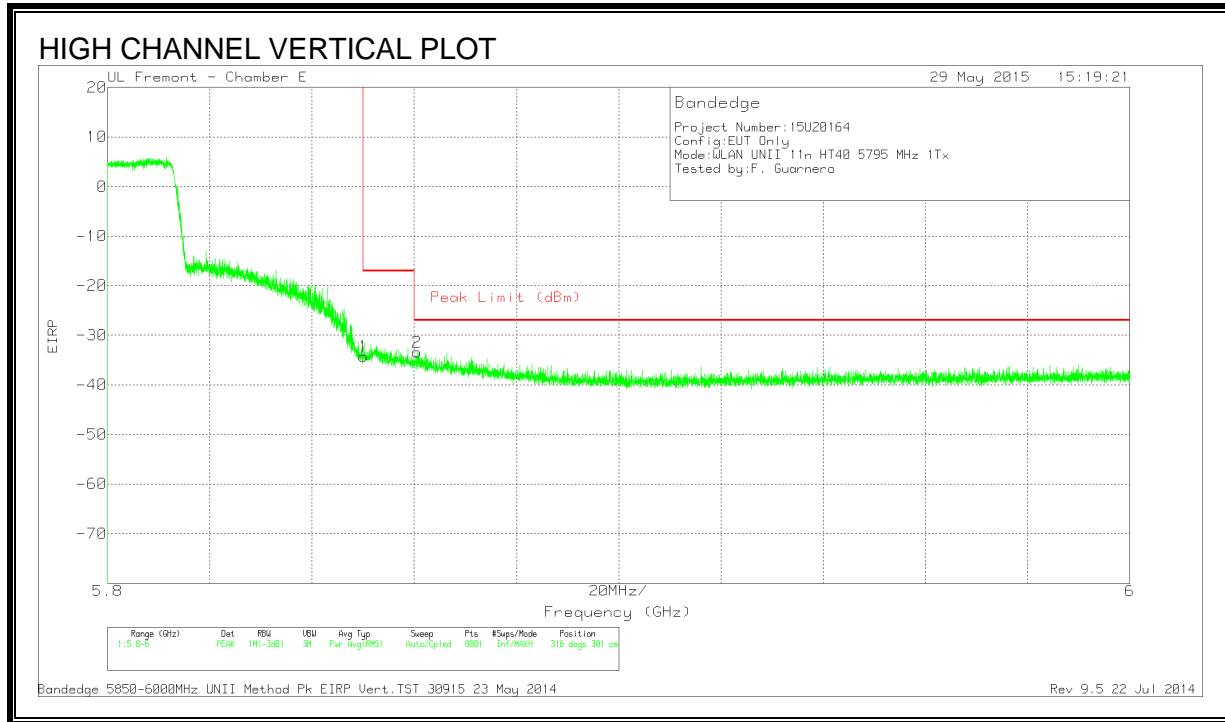
**RESTRICTED BANDEGE, CHAIN 0 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-61.03	Pk	34.9	-21.2	11.8	-35.53	-17	-18.53	187	383	H
2	5.86	-58.41	Pk	34.9	-21.3	11.8	-33.01	-27	-6.01	187	383	H

Pk - Peak detector

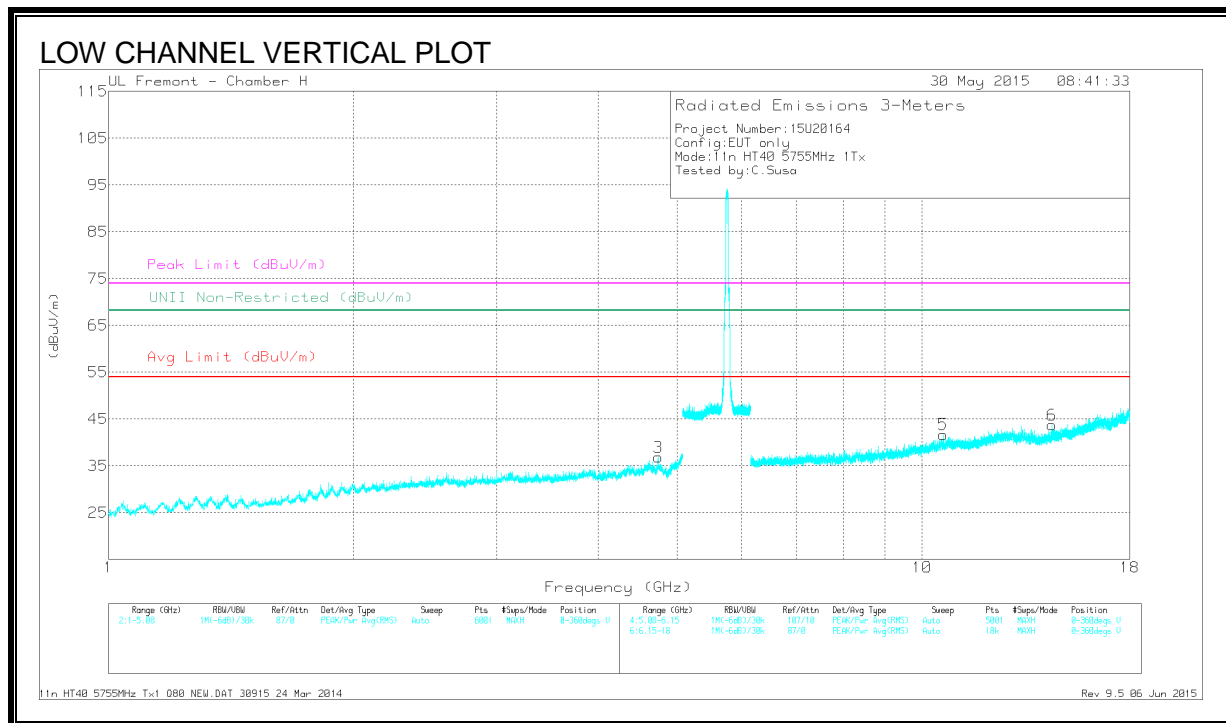
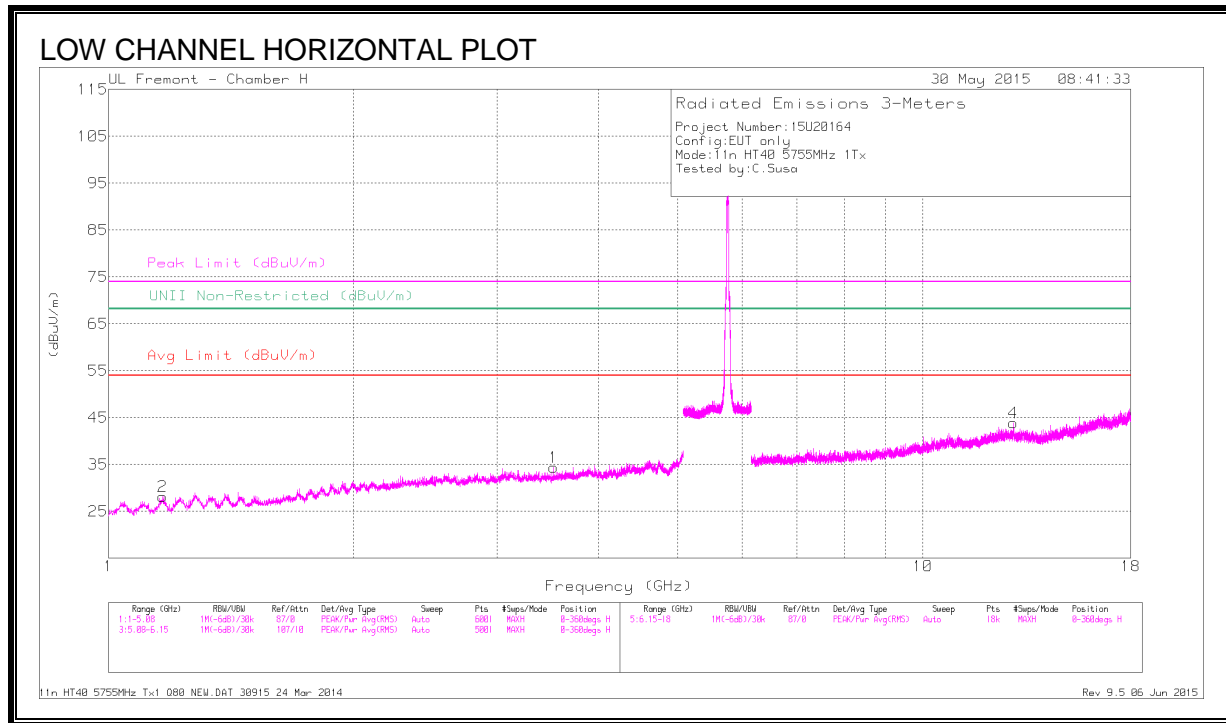


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-59.77	PK	34.9	-21.2	11.8	-34.27	-17	-17.27	316	301	V
2	5.861	-58.78	PK	34.9	-21.3	11.8	-33.38	-27	-6.38	316	301	V

PK - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

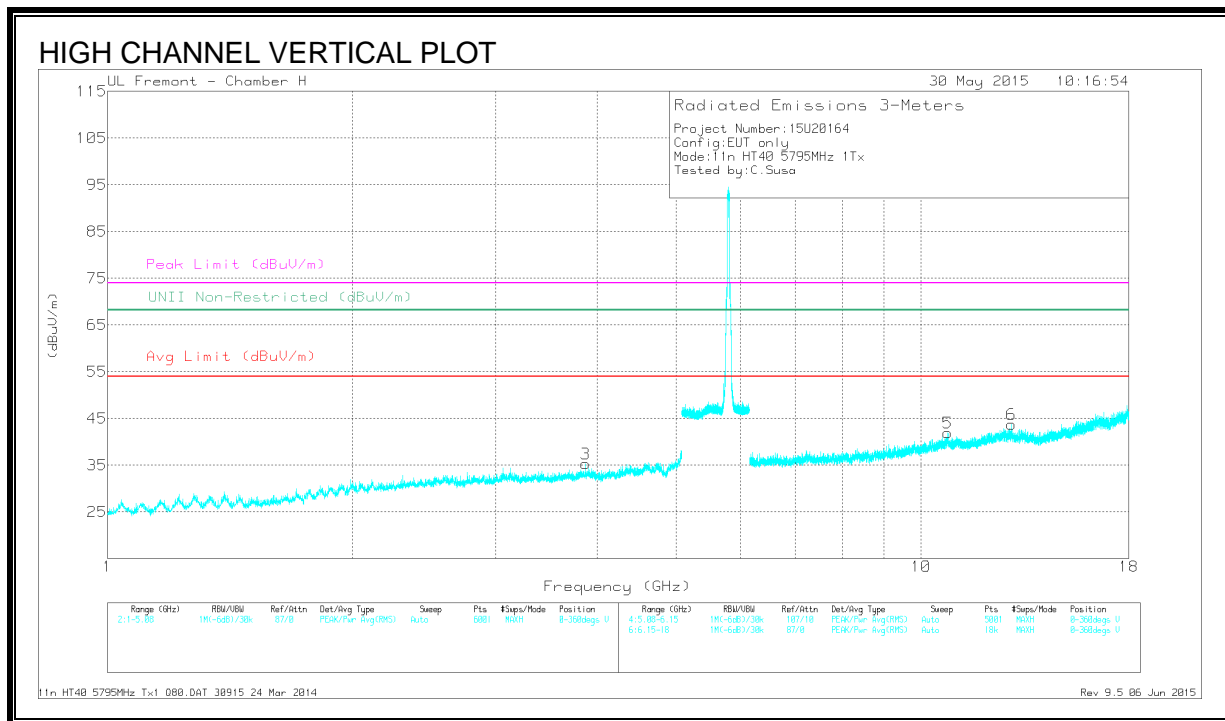
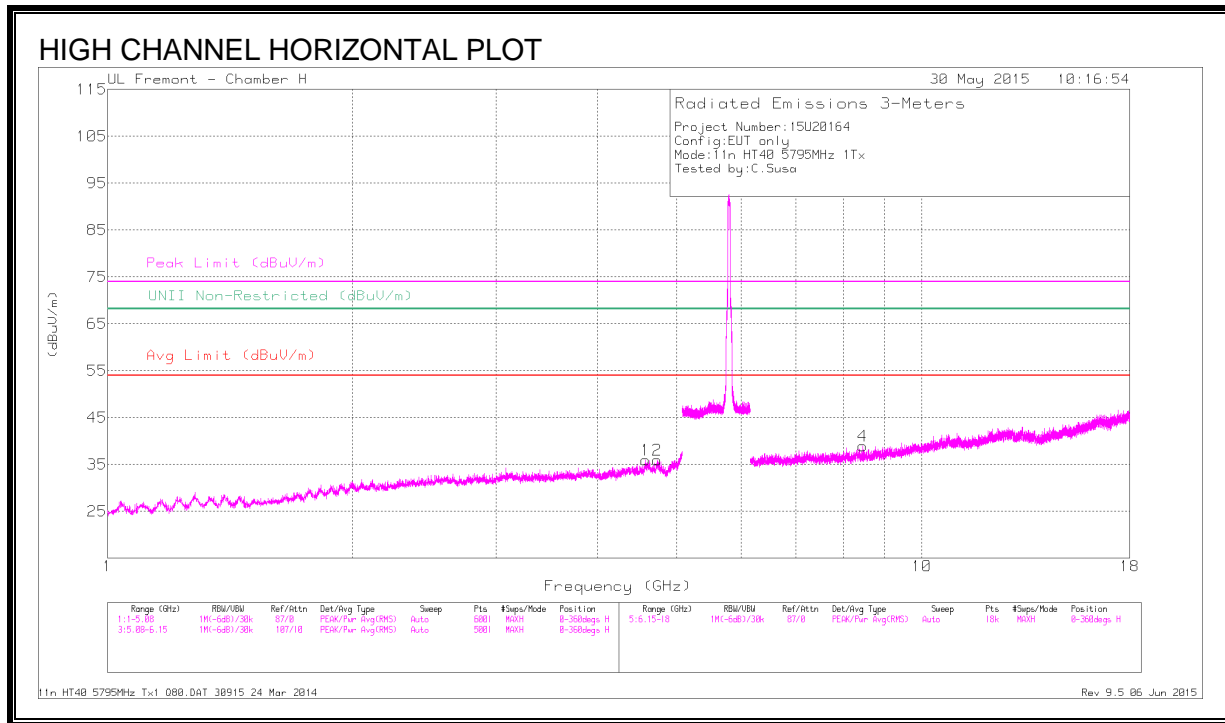
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.519	39.52	PK3	32.9	-33.5	38.92	-	-	74	-35.08	68.2	-29.28	51	124	H
	* 3.52	27.42	ADR	32.9	-33.4	26.92	54	-27.08	-	-	-	-	51	124	H
2	* 1.165	40.61	PK3	27.8	-35.5	32.91	-	-	74	-41.09	68.2	-35.29	102	368	H
	* 1.164	28.65	ADR	27.7	-35.5	20.85	54	-33.15	-	-	-	-	102	368	H
3	* 4.741	37.53	PK3	34.2	-31.6	40.13	-	-	74	-33.87	68.2	-28.07	195	167	V
	* 4.738	26.37	ADR	34.2	-31.5	29.07	54	-24.93	-	-	-	-	195	167	V
4	* 10.621	34.02	PK3	37.7	-25.4	46.32	-	-	74	-27.68	68.2	-21.88	107	213	V
	* 10.622	22.19	ADR	37.7	-25.4	34.49	54	-19.51	-	-	-	-	107	213	V
5	12.914	35.62	PK3	39.4	-24.7	50.32	-	-	74	-23.68	68.2	-17.88	45	160	V
6	14.431	36.42	PK3	39.8	-26.3	49.92	-	-	74	-24.08	68.2	-18.28	245	138	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

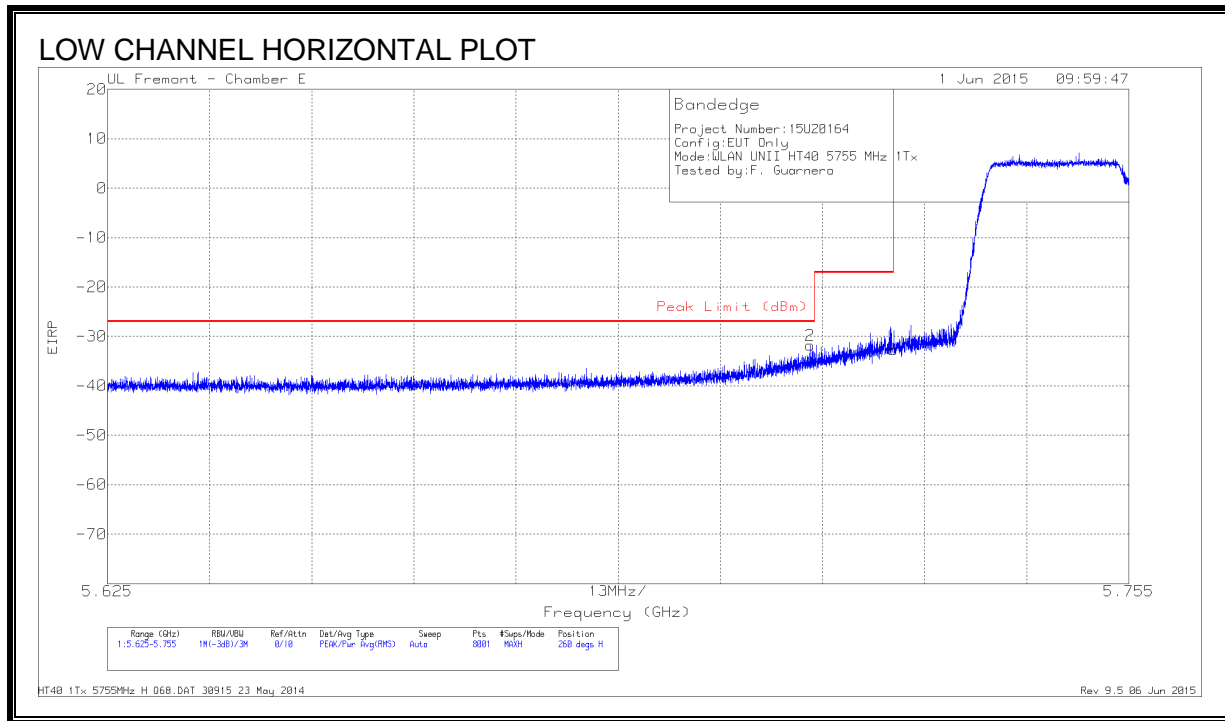
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.577	41.13	PK3	34	-31.9	43.23	-	-	74	-30.77	68.2	-24.97	279	255	H
	* 4.576	29.39	ADR	34	-31.9	31.49	54	-22.51	-	-	-	-	279	255	H
2	* 4.733	40.76	PK3	34.2	-31.5	43.46	-	-	74	-30.54	68.2	-24.74	311	230	H
	* 4.734	28.67	ADR	34.2	-31.5	31.37	54	-22.63	-	-	-	-	311	230	H
3	* 3.868	41.57	PK3	33.5	-32.7	42.37	-	-	74	-31.63	68.2	-25.83	201	330	V
	* 3.87	29.87	ADR	33.6	-32.7	30.77	54	-23.23	-	-	-	-	201	330	V
4	* 8.451	39.06	PK3	35.9	-29.2	45.76	-	-	74	-28.24	68.2	-22.44	355	209	H
	* 8.451	26.87	ADR	35.9	-29.2	33.57	54	-20.43	-	-	-	-	355	209	H
5	* 10.783	35.65	PK3	37.9	-24.4	49.15	-	-	74	-24.85	68.2	-19.05	150	394	V
	* 10.784	23.97	ADR	37.9	-24.4	37.47	54	-16.53	-	-	-	-	150	394	V
6	12.914	35.62	PK3	39.4	-24.7	50.32	-	-	-	-	68.2	-17.88	45	160	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

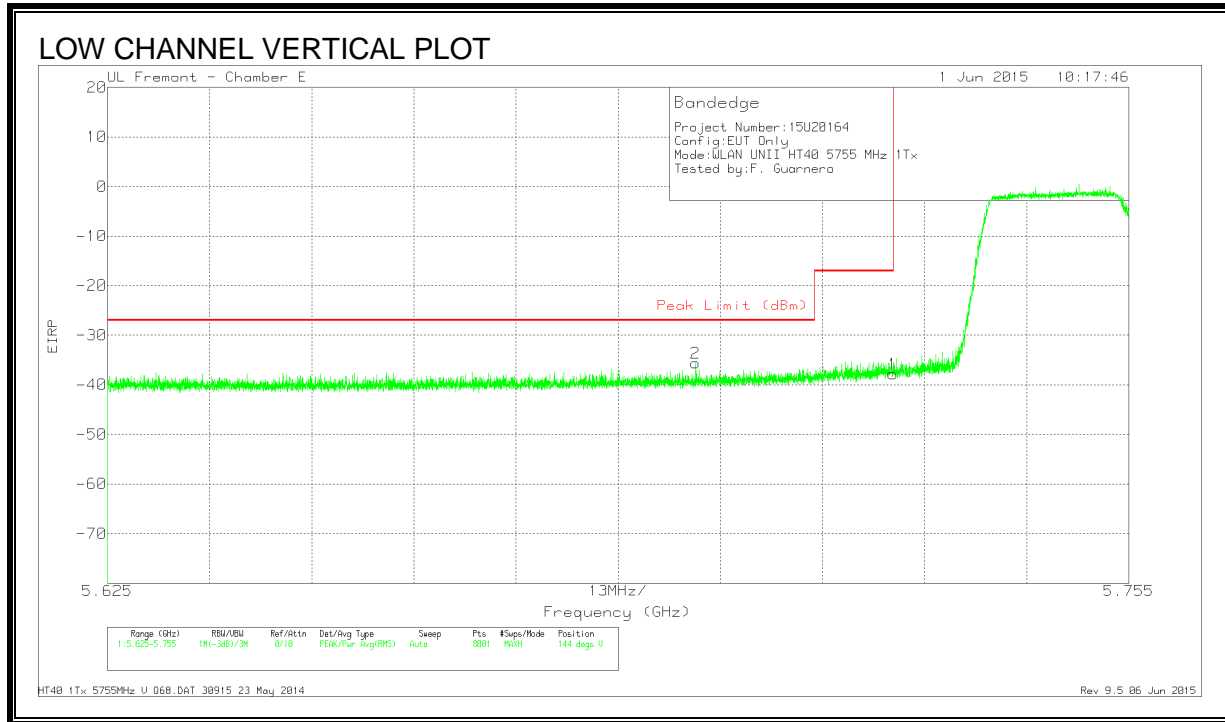
**RESTRICTED BANDEGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
2	5.714	-57.29	Pk	34.7	-21	11.8	-31.79	-27	-4.79	260	193	H
1	5.725	-58.09	Pk	34.7	-21	11.8	-32.59	-17	-15.59	260	193	H

Pk - Peak detector



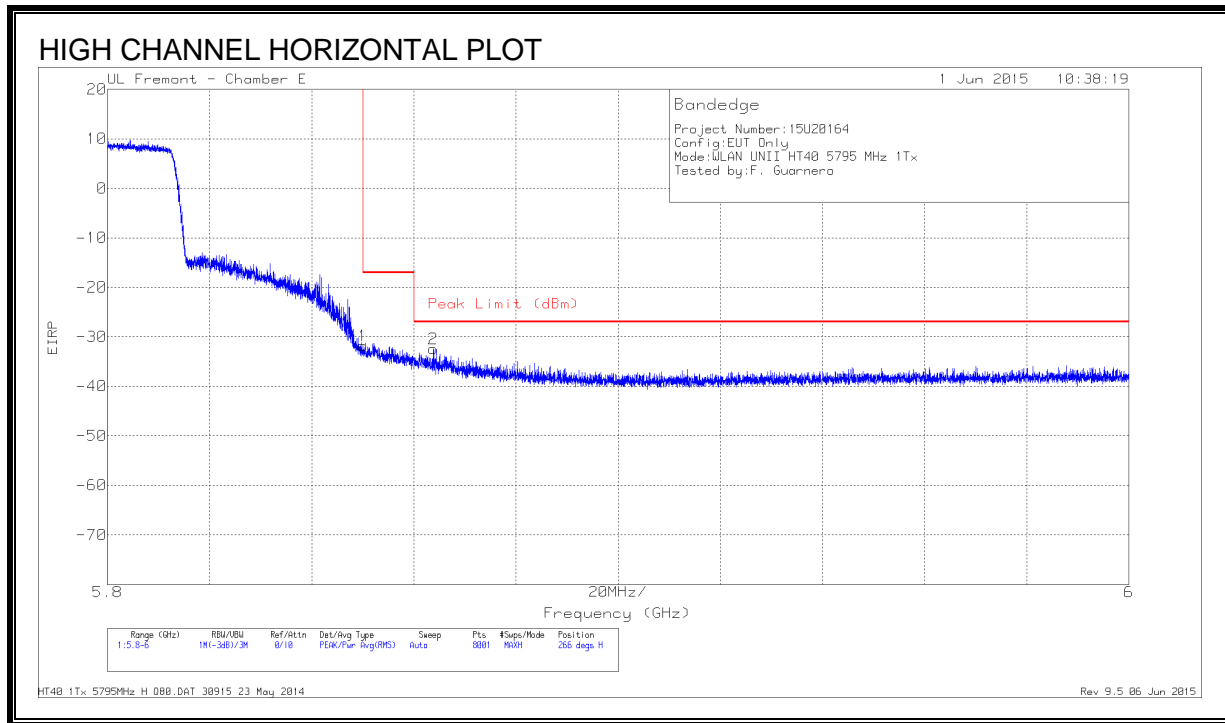
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.7	-60.98	Pk	34.7	-21.1	11.8	-35.58	-27	-8.58	144	165	V
1	5.725	-63.32	Pk	34.7	-21	11.8	-37.82	-17	-20.82	144	165	V

Pk - Peak detector



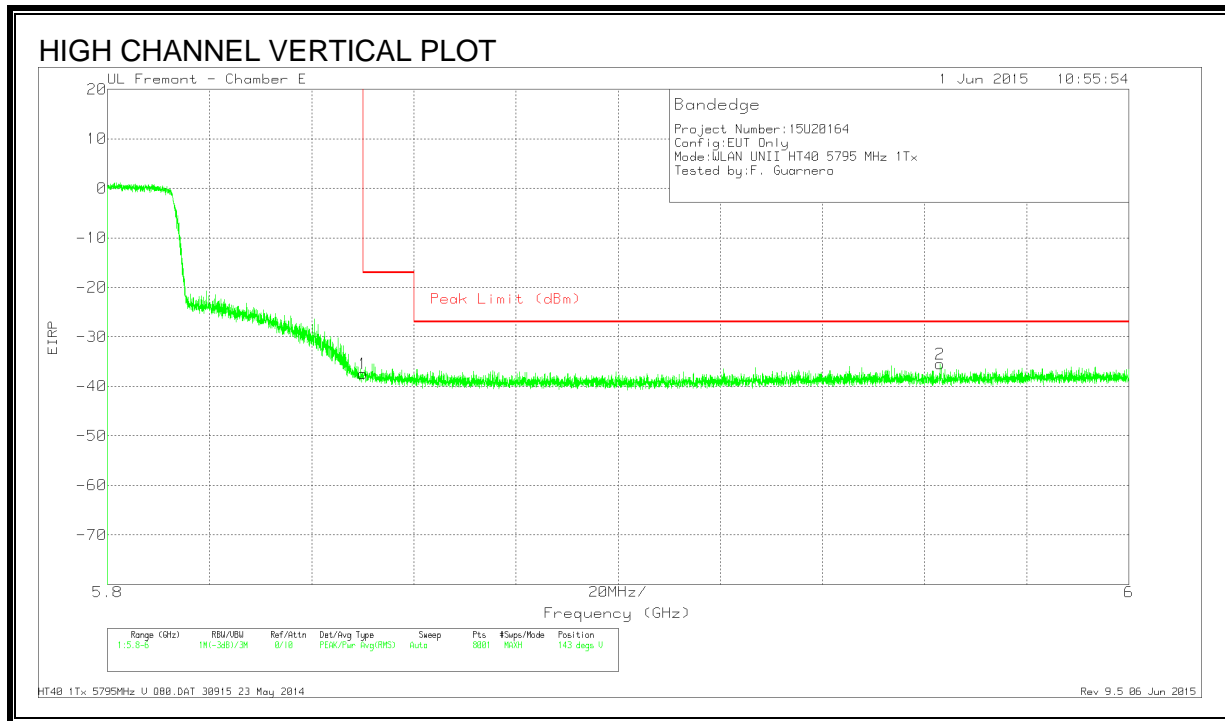
**RESTRICTED BANDEGE, CHAIN 1 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-57.34	Pk	34.9	-21.2	11.8	-31.84	-17	-14.84	266	169	H
2	5.864	-57.91	Pk	34.9	-21.2	11.8	-32.41	-27	-5.41	266	169	H

Pk - Peak detector

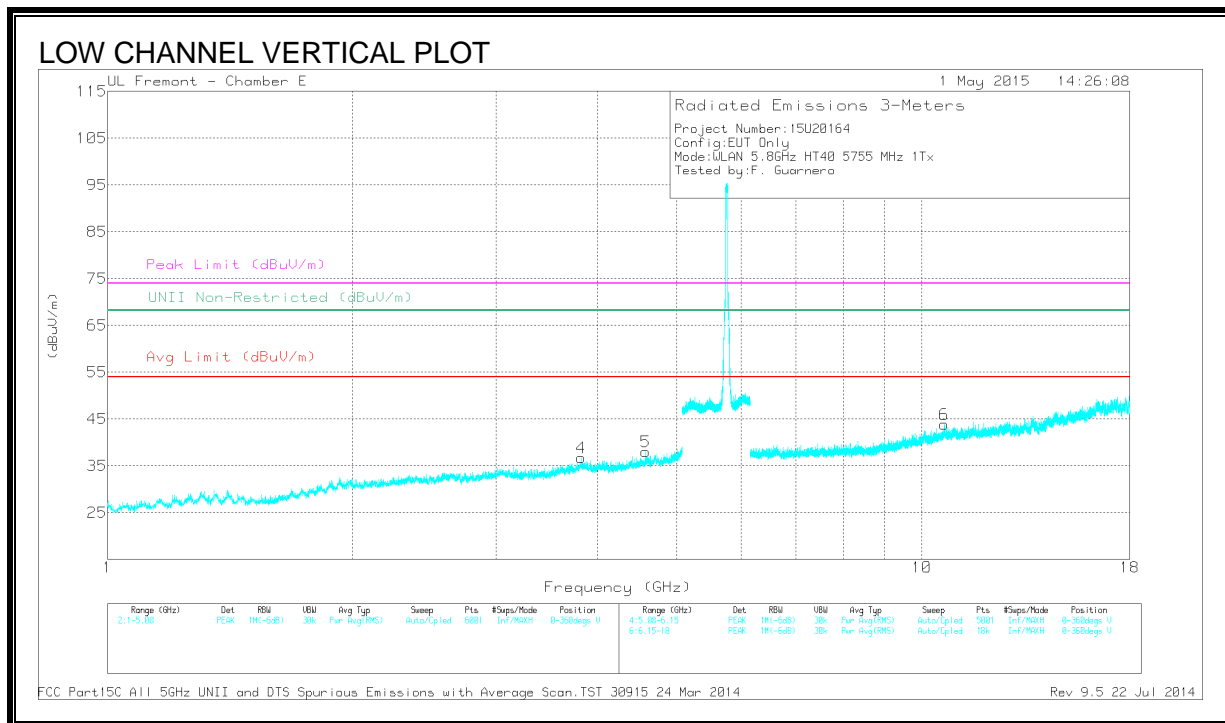
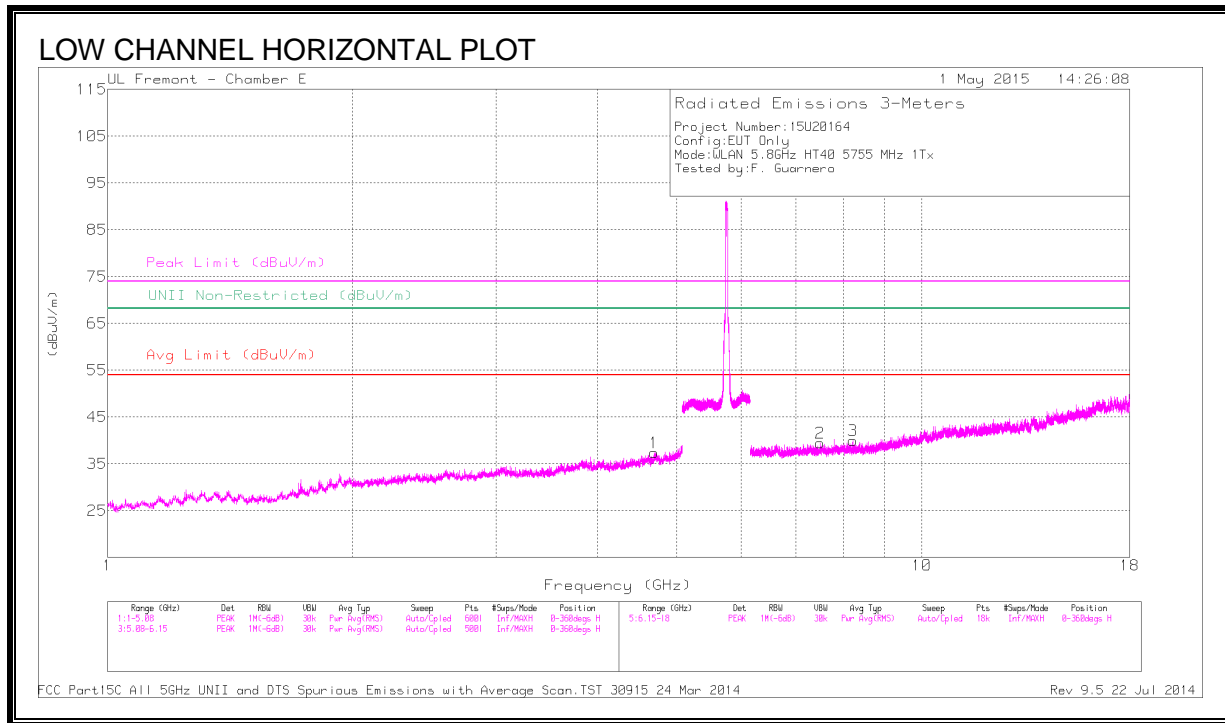


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-62.93	Pk	34.9	-21.2	11.8	-37.43	-17	-20.43	143	178	V
2	5.963	-61.29	Pk	35.1	-21.1	11.8	-35.49	-27	-8.49	143	178	V

Pk - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

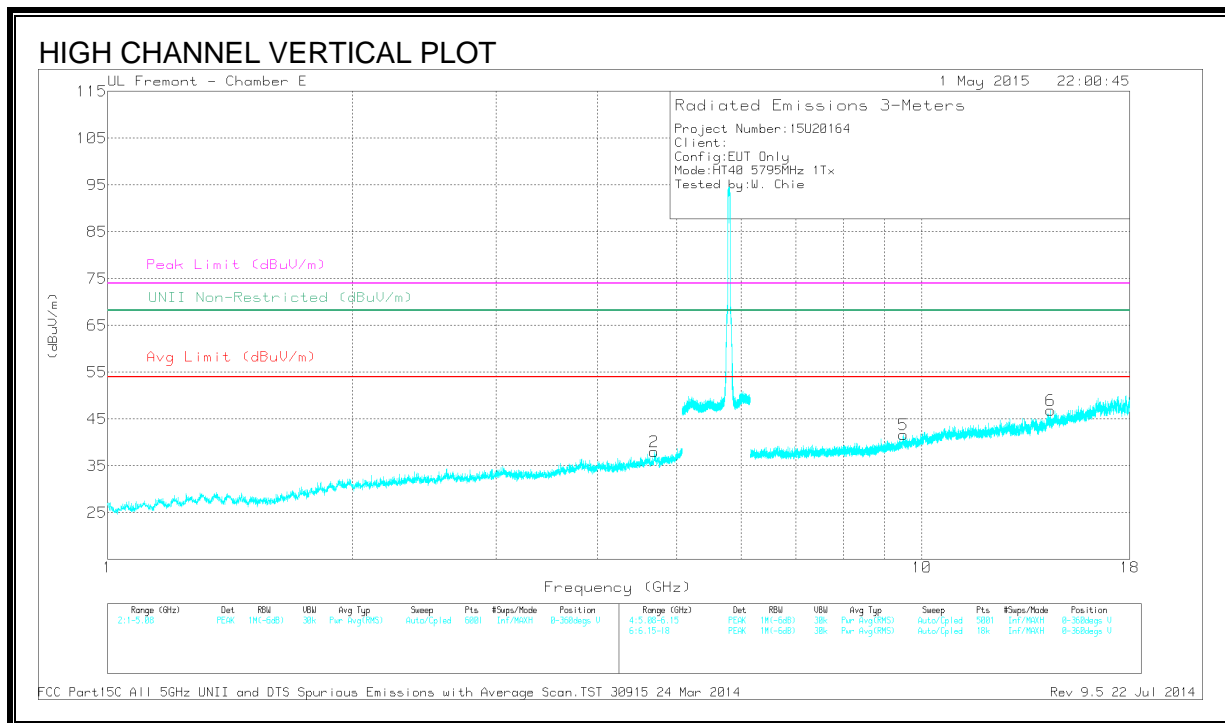
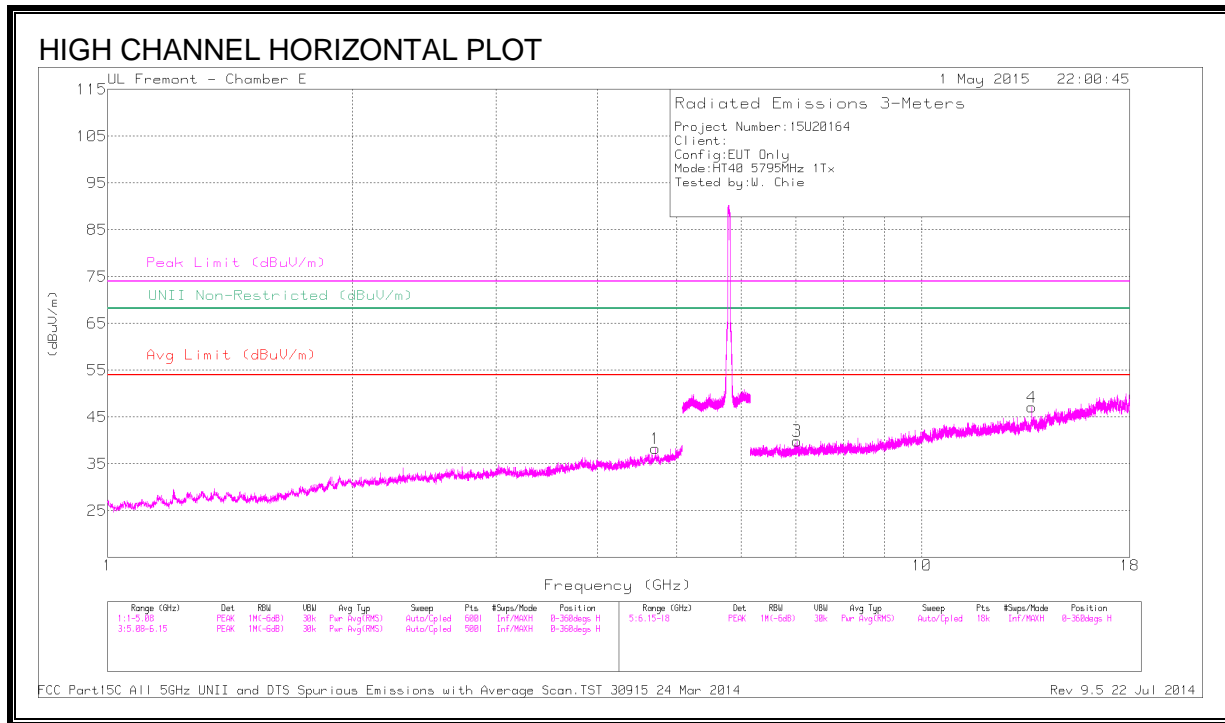
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fi tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.694	41.08	PK1	34.2	-30.5	44.78	-	-	74	-29.22	-	-	127	110	H
	* 4.692	29.7	AD1	34.2	-30.6	33.3	54	-20.7	-	-	-	-	127	110	H
2	* 7.496	38.65	PK1	35.6	-28.1	46.15	-	-	74	-27.85	-	-	227	213	H
	* 7.495	28.1	AD1	35.6	-28.1	35.6	54	-18.4	-	-	-	-	227	213	H
3	* 8.226	38.63	PK1	35.7	-27.7	46.63	-	-	74	-27.37	-	-	223	220	H
	* 8.224	27.67	AD1	35.7	-27.7	35.67	54	-18.33	-	-	-	-	223	220	H
4	* 3.816	40.86	PK1	33.5	-30.8	43.56	-	-	74	-30.44	-	-	44	268	V
	* 3.816	29.65	AD1	33.5	-30.8	32.35	54	-21.65	-	-	-	-	44	268	V
5	* 4.582	40.74	PK1	34.1	-30.2	44.64	-	-	74	-29.36	-	-	66	230	V
	* 4.582	29.62	AD1	34.1	-30.2	33.52	54	-20.48	-	-	-	-	66	230	V
6	* 10.655	37.05	PK1	37.8	-24.1	50.75	-	-	74	-23.25	-	-	205	242	V
	* 10.656	26.15	AD1	37.8	-24.1	39.85	54	-14.15	-	-	-	-	205	242	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 4.708	40.93	PK1	34.2	-30	45.13	-	-	74	-28.87	-	-	20	293	H
	* 4.707	29.75	AD1	34.2	-30	33.95	54	-20.05	-	-	-	-	20	293	H
2	* 4.691	40.83	PK1	34.2	-30.7	44.33	-	-	74	-29.67	-	-	194	306	V
	* 4.693	29.64	AD1	34.2	-30.6	33.24	54	-20.76	-	-	-	-	194	306	V
5	* 9.483	37.35	PK1	36.7	-25.3	48.75	-	-	74	-25.25	-	-	106	384	V
	* 9.483	26.07	AD1	36.7	-25.3	37.47	54	-16.53	-	-	-	-	106	384	V
3	7.027	39.19	PK1	35.6	-27.7	47.09	-	-	-	-	68.2	-21.11	101	263	H
4	13.651	38.22	PK1	38.6	-24.8	52.02	-	-	-	-	68.2	-16.18	223	163	H
6	14.396	38.74	PK1	39.2	-25.2	52.74	-	-	-	-	68.2	-15.46	267	384	V

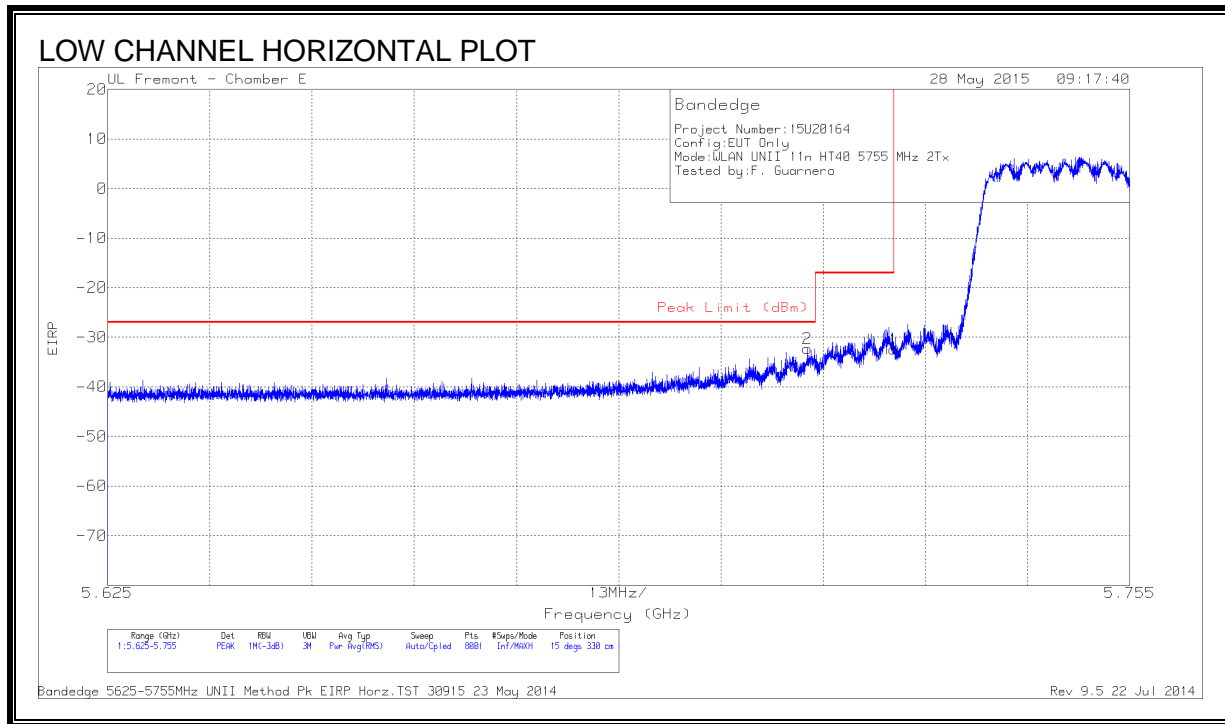
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 10.23. 802.11n HT40 2Tx CDD MODE IN THE 5.8 GHz BAND

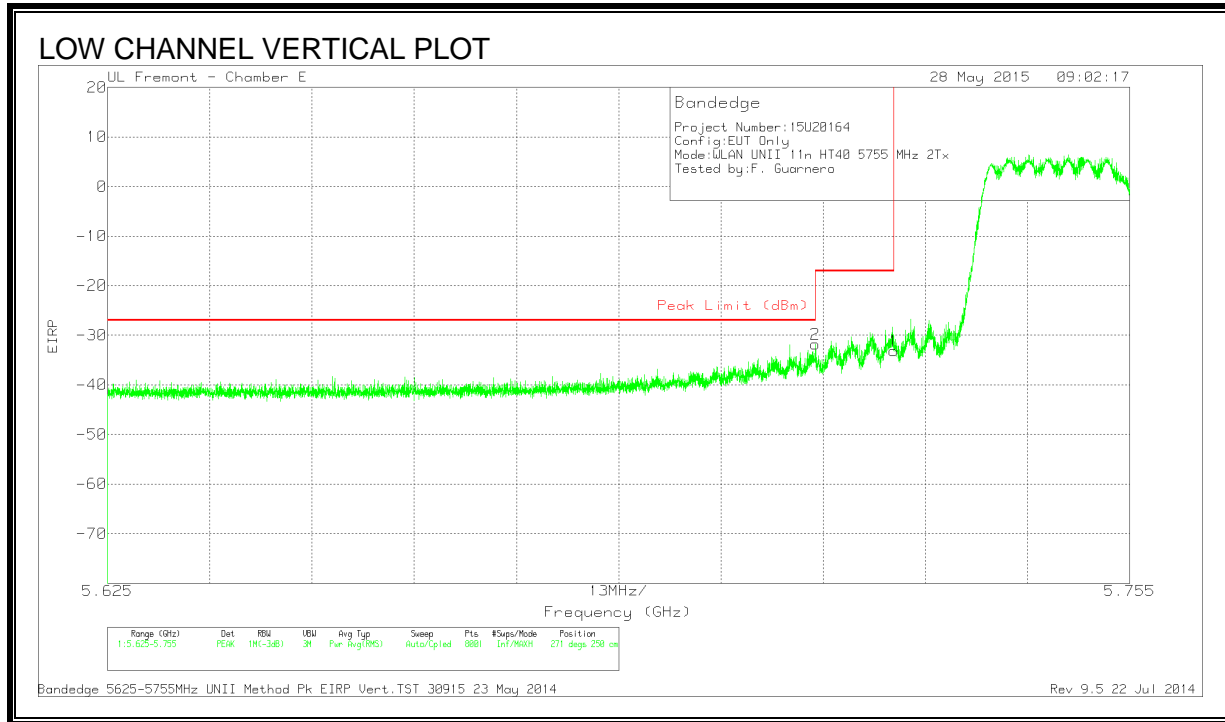
#### RESTRICTED BANDEDGE (LOW CHANNEL)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.714	-57.78	PK	34.7	-21	11.8	-32.28	-27	-5.28	15	330	H
1	5.725	-57.95	PK	34.7	-21	11.8	-32.45	-17	-15.45	15	330	H

PK - Peak detector



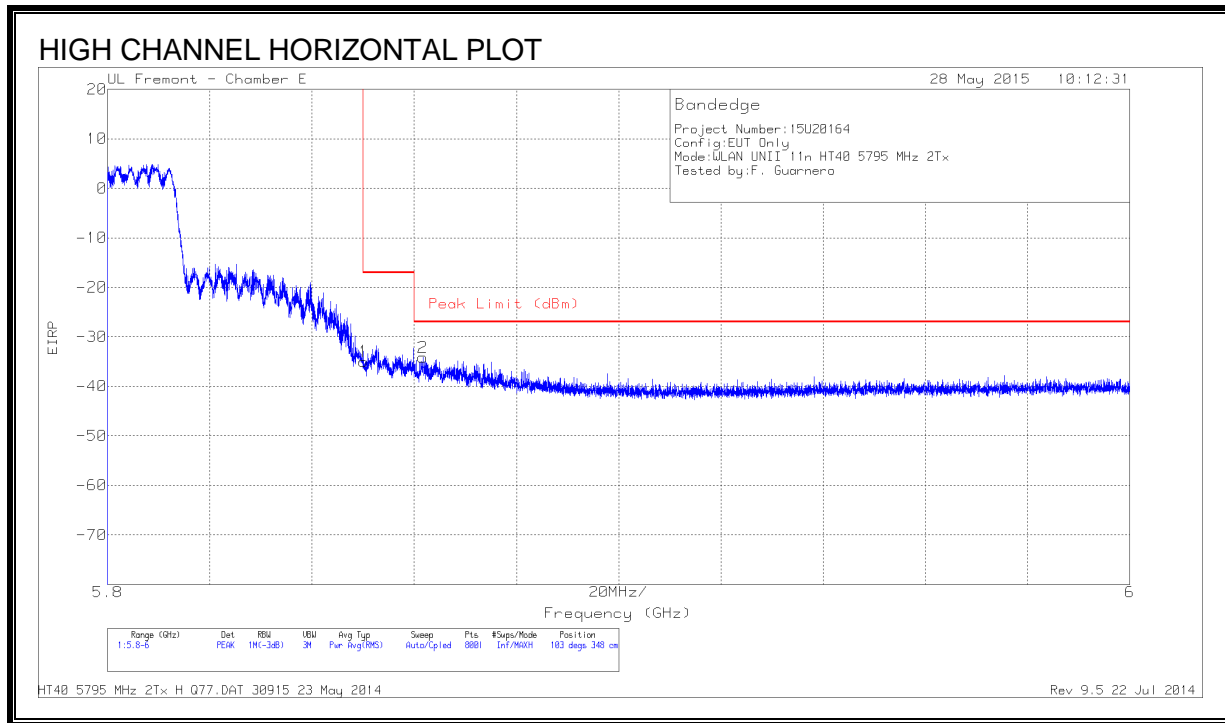
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-57.34	PK	34.7	-21	11.8	-31.84	-27	-4.84	271	250	V
1	5.725	-58.63	PK	34.7	-21	11.8	-33.13	-17	-16.13	271	250	V

PK - Peak detector



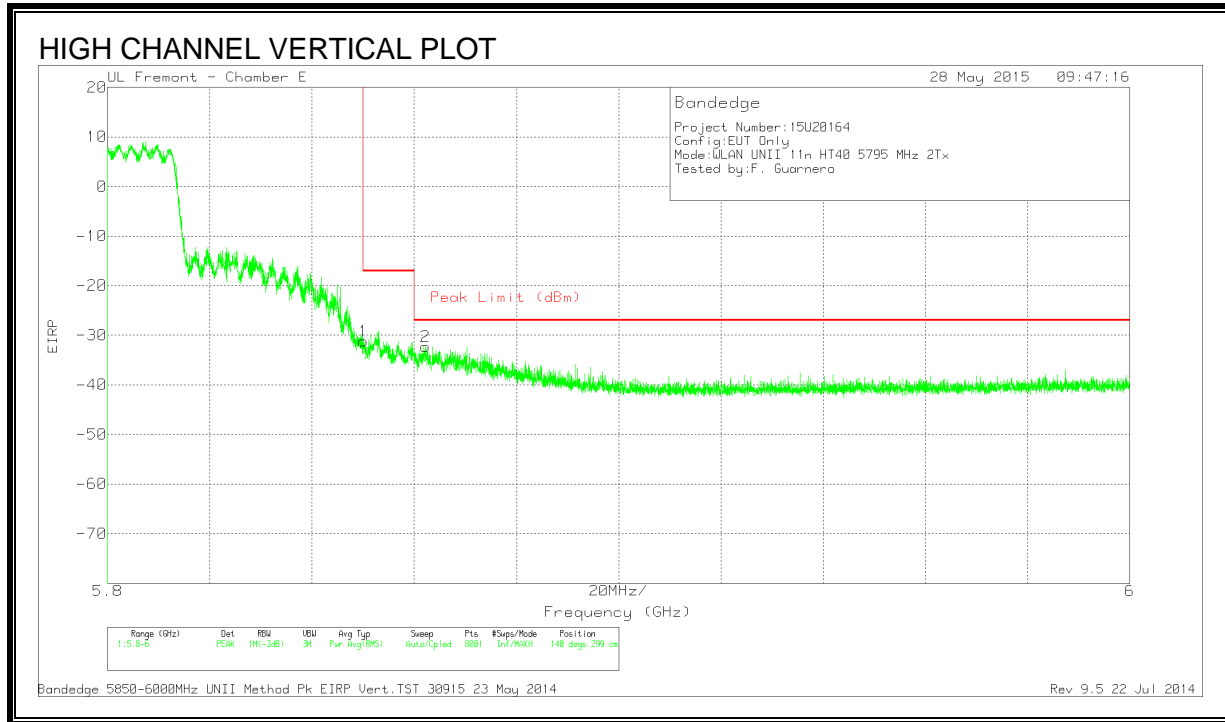
**RESTRICTED BANDEGE (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	-60.43	PK	34.9	-21.2	11.8	-34.93	-17	-17.93	103	348	H
2	5.862	-59.57	PK	34.9	-21.3	11.8	-34.17	-27	-7.17	103	348	H

PK - Peak detector

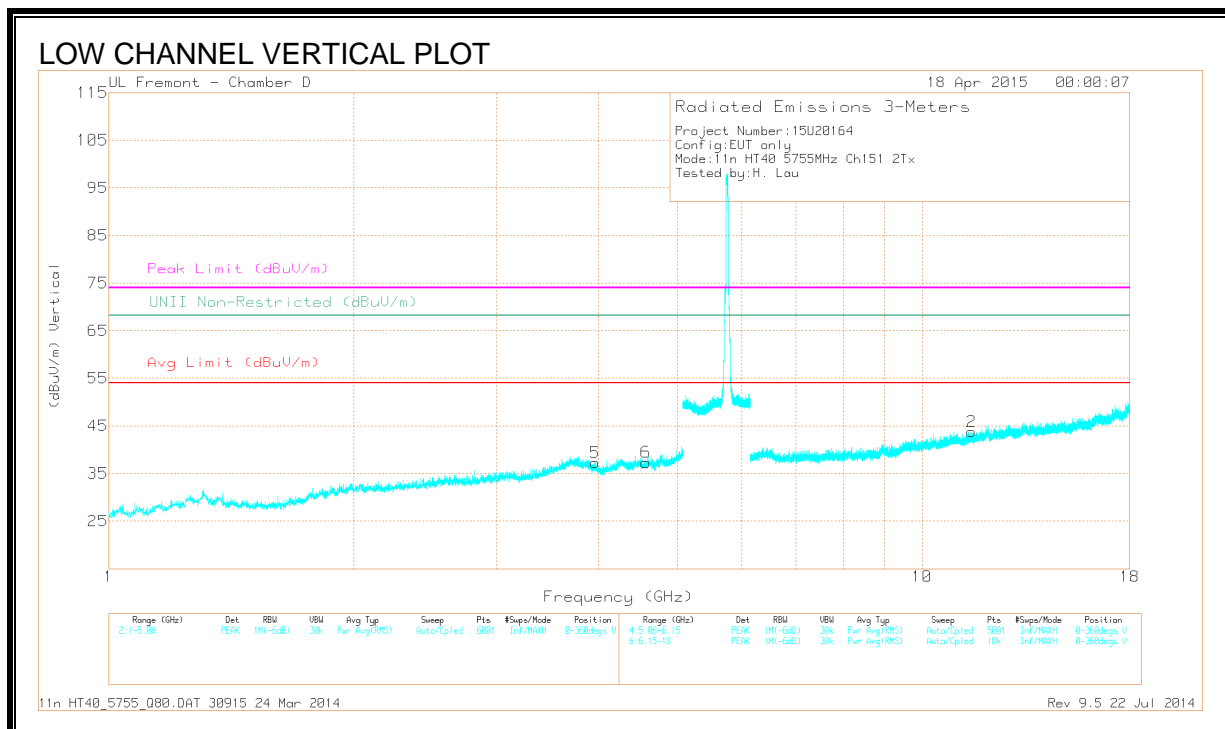
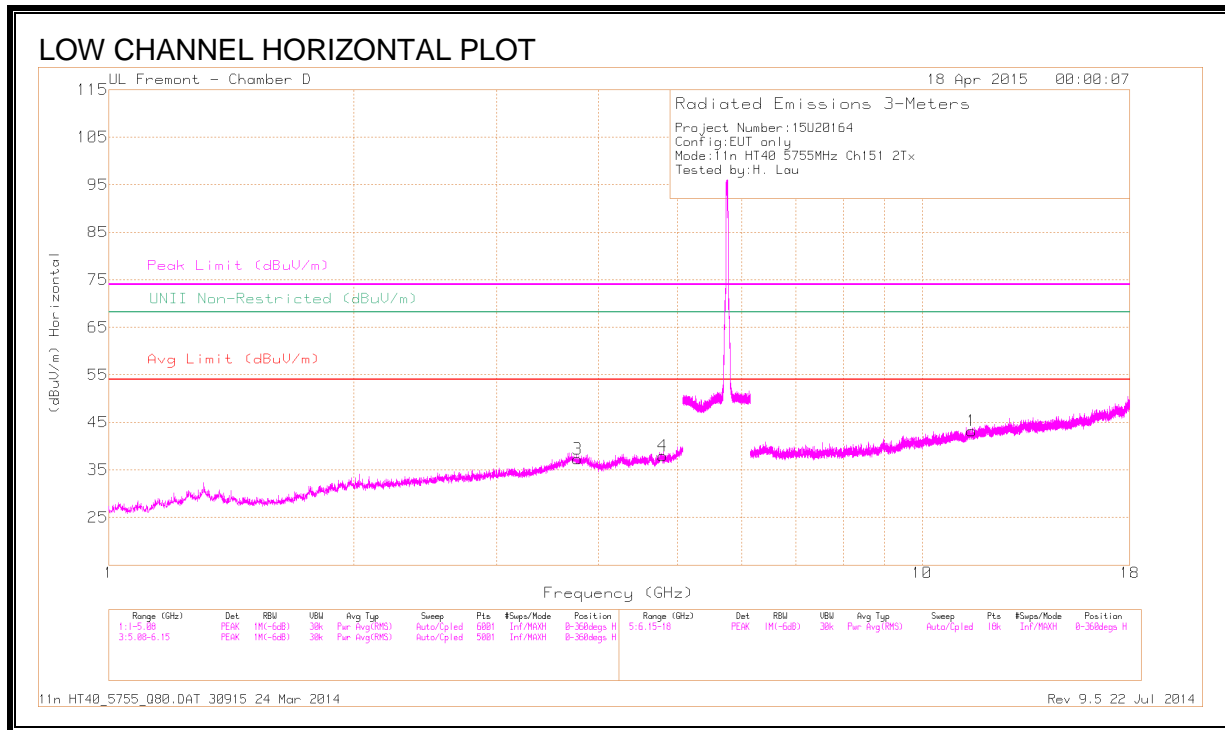


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	-56.63	PK	34.9	-21.2	11.8	-31.13	-17	-14.13	140	299	V
2	5.869	-57.52	PK	34.9	-21.2	11.8	-32.02	-27	-5.02	140	299	V

PK - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

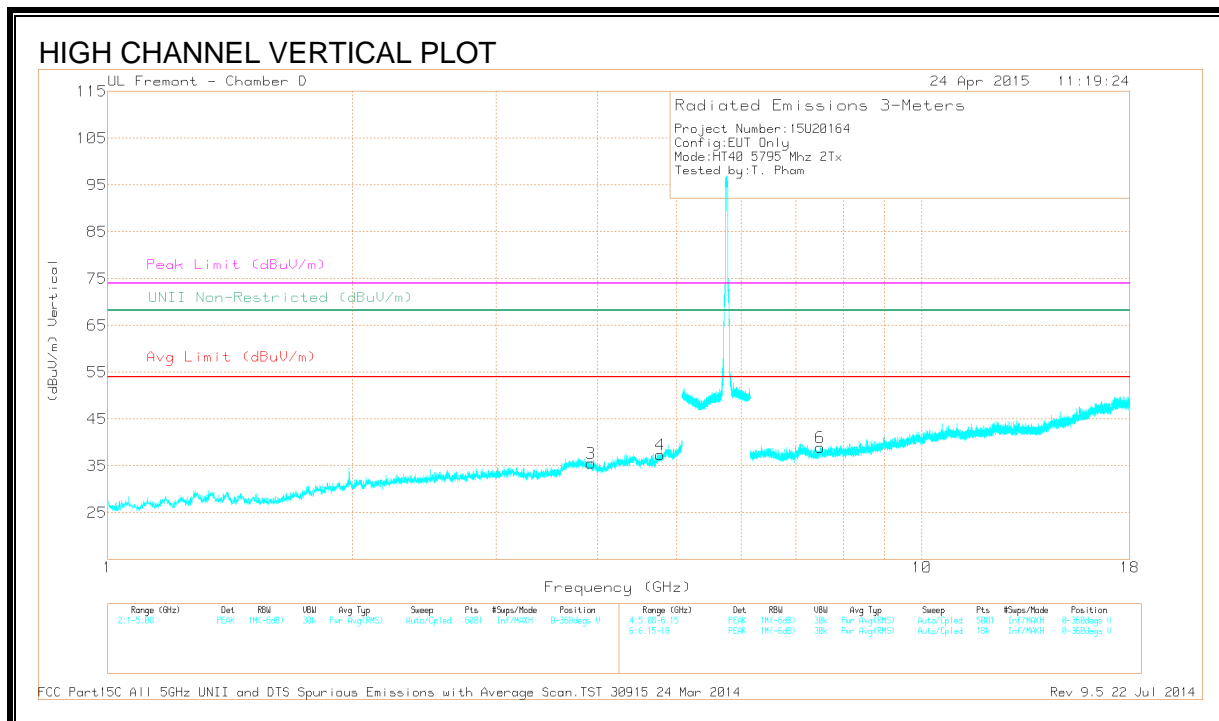
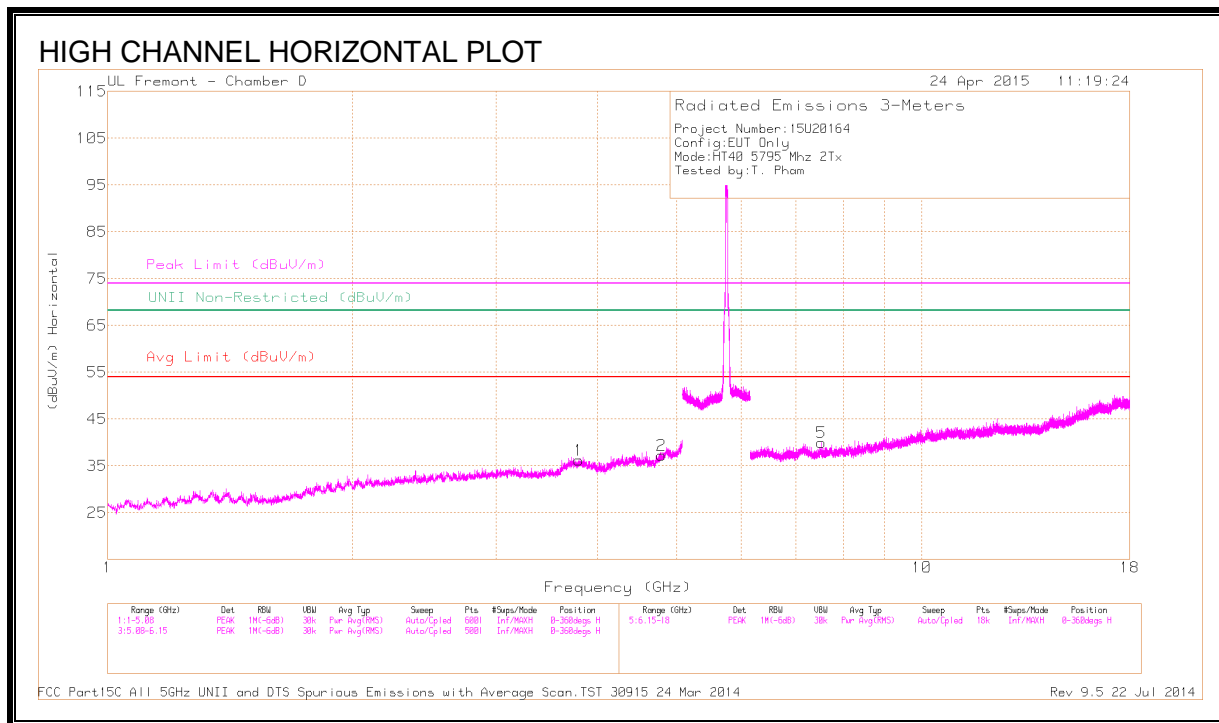
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.773	40.05	PK1	34.3	-29.4	44.95	-	-	74	-29.05	-	-	135	137	H
	* 3.773	27.29	AD1	34.3	-29.4	32.19	54	-21.81	-	-	-	-	135	137	H
4	* 4.795	38.66	PK1	34.1	-27.5	45.26	-	-	74	-28.74	-	-	186	289	H
	* 4.797	27	AD1	34.1	-27.5	33.6	54	-20.4	-	-	-	-	186	289	H
5	* 3.966	38.39	PK1	33.7	-28.8	43.29	-	-	74	-30.71	-	-	239	223	V
	* 3.966	26.86	AD1	33.7	-28.8	31.76	54	-22.24	-	-	-	-	239	223	V
6	* 4.577	39.26	PK1	34	-28	45.26	-	-	74	-28.74	-	-	348	135	V
	* 4.577	27.18	AD1	34	-28	33.18	54	-20.82	-	-	-	-	348	135	V
1	* 11.514	34.73	PK1	38.6	-22	51.33	-	-	74	-22.67	-	-	35	101	H
	* 11.514	23.38	AD1	38.6	-22	39.98	54	-14.02	-	-	-	-	35	101	H
2	* 11.502	34.74	PK1	38.6	-22	51.34	-	-	74	-22.66	-	-	197	121	V
	* 11.502	23.59	AD1	38.6	-22	40.19	54	-13.81	-	-	-	-	197	121	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 3.788	38.76	PK1	33.3	-28.8	43.26	-	-	74	-30.74	-	-	38	235	H
	* 3.789	27.37	AD1	33.3	-28.8	31.87	54	-22.13	-	-	-	-	38	235	H
2	* 4.786	38.72	PK1	34.1	-27.6	45.22	-	-	74	-28.78	-	-	283	137	H
	* 4.786	27	AD1	34.1	-27.6	33.5	54	-20.5	-	-	-	-	283	137	H
3	* 3.921	38.62	PK1	33.4	-28.7	43.32	-	-	74	-30.68	-	-	245	183	V
	* 3.92	27.42	AD1	33.4	-28.7	32.12	54	-21.88	-	-	-	-	245	183	V
4	* 4.769	39.12	PK1	34.1	-27.5	45.72	-	-	74	-28.28	-	-	332	210	V
	* 4.769	27.27	AD1	34.1	-27.5	33.87	54	-20.13	-	-	-	-	332	210	V
5	* 7.524	36.88	PK1	35.5	-24.8	47.58	-	-	74	-26.42	-	-	145	199	H
	* 7.525	24.79	AD1	35.5	-24.8	35.49	54	-18.51	-	-	-	-	145	199	H
6	* 7.507	35.75	PK1	35.5	-24.4	46.85	-	-	74	-27.15	-	-	296	107	V
	* 7.507	24.53	AD1	35.5	-24.4	35.63	54	-18.37	-	-	-	-	296	107	V

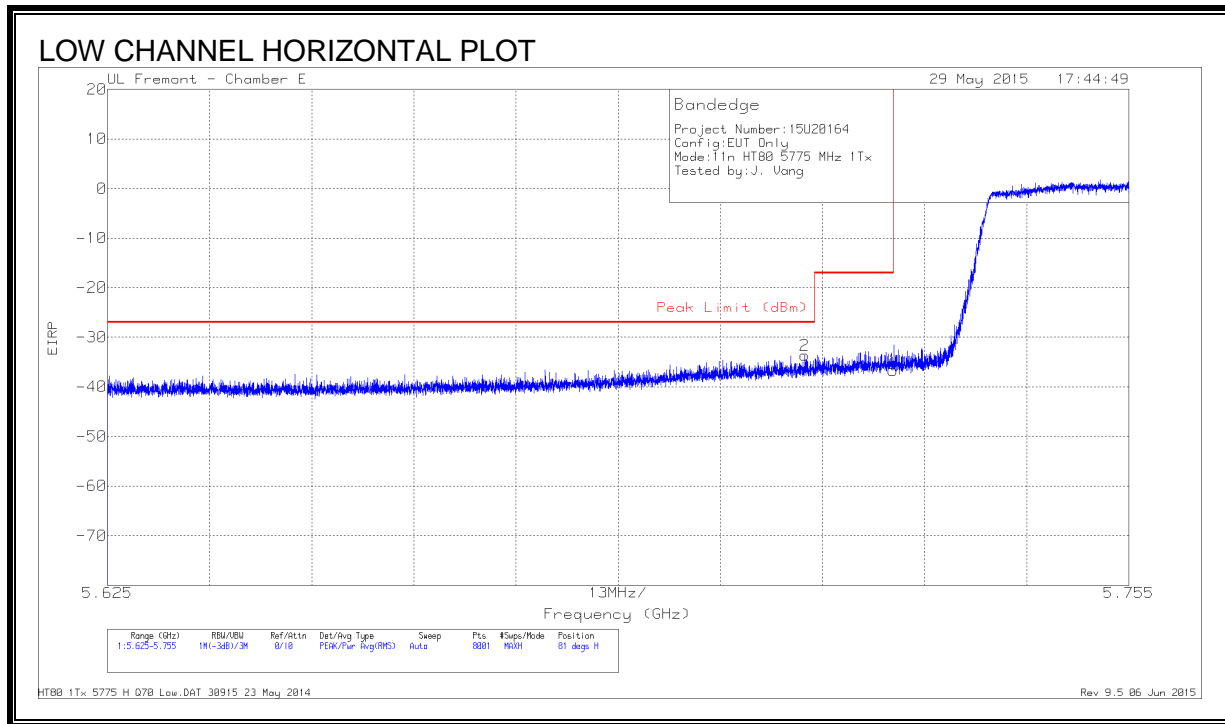
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 10.24. 802.11ac 80Mhz 1Tx MODE IN THE 5.8 GHz BAND

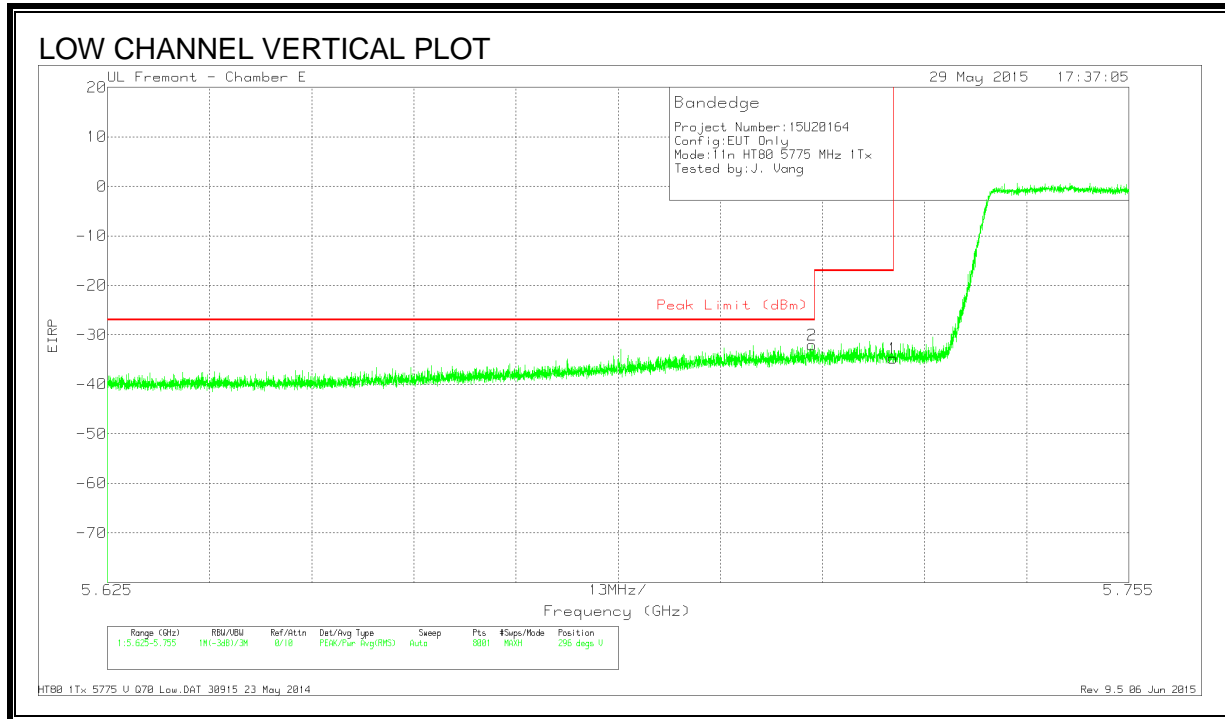
#### RESTRICTED BANDEDGE, CHAIN 0 (LOW)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.714	-59.14	Pk	34.7	-21	11.8	0	-33.64	-27	-6.64	81	288	H
1	5.725	-62.14	Pk	34.7	-21	11.8	0	-36.64	-17	-19.64	81	288	H

Pk - Peak detector



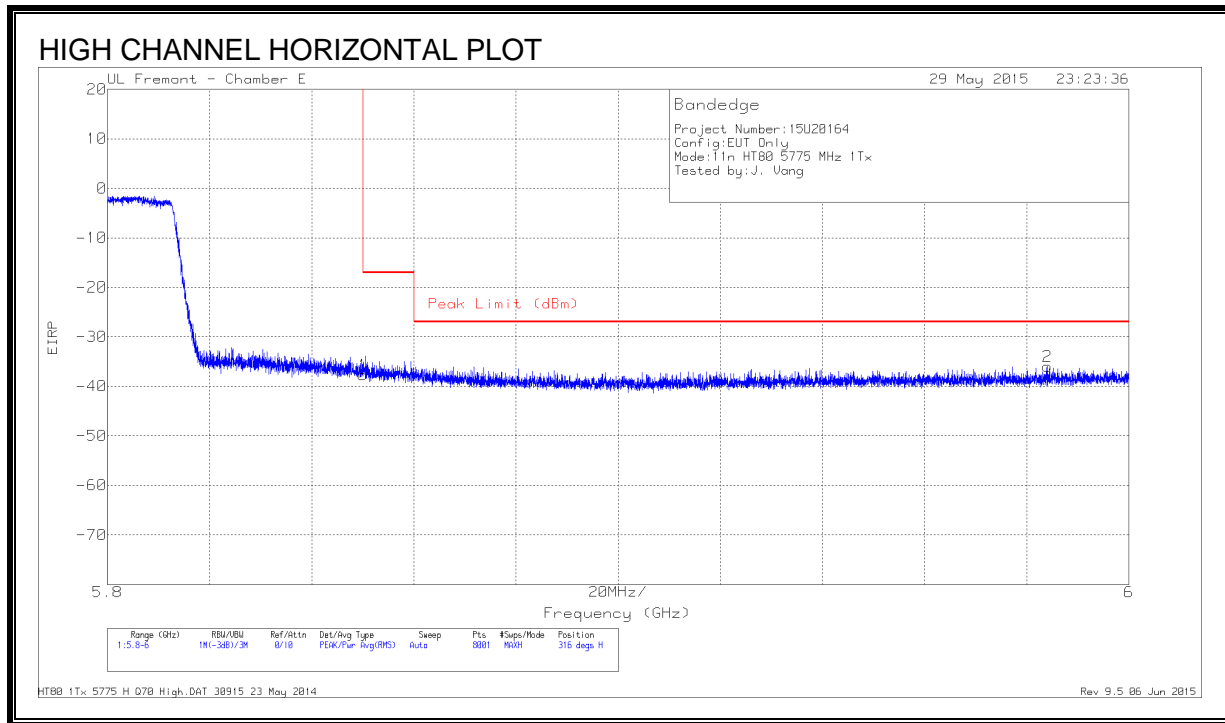
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.715	-57.57	Pk	34.7	-21	11.8	0	-32.07	-27	-5.07	296	250	V
1	5.725	-60.27	Pk	34.7	-21	11.8	0	-34.77	-17	-17.77	296	250	V

Pk - Peak detector



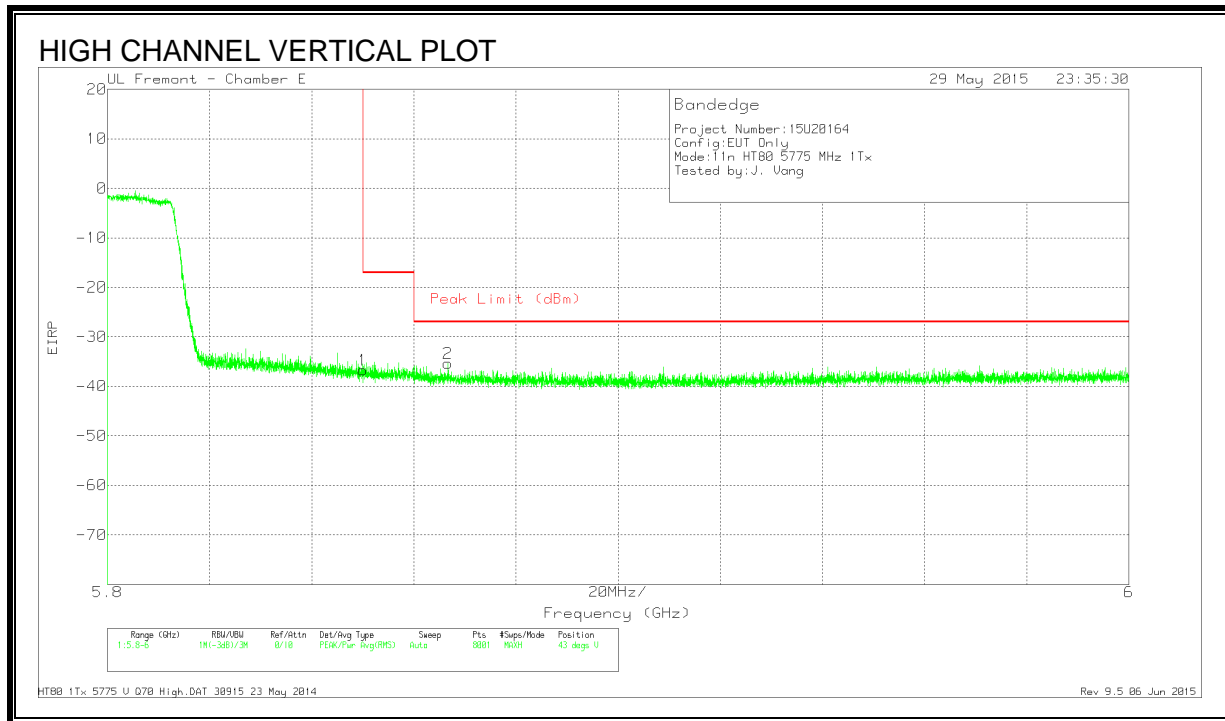
**RESTRICTED BANDEDGE, CHAIN 0 (HIGH)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.17	Pk	34.9	-21.2	11.8	0	-37.67	-17	-20.67	316	317	H
2	5.984	-62.09	Pk	35.1	-20.8	11.8	0	-35.99	-27	-8.99	316	317	H

Pk - Peak detector

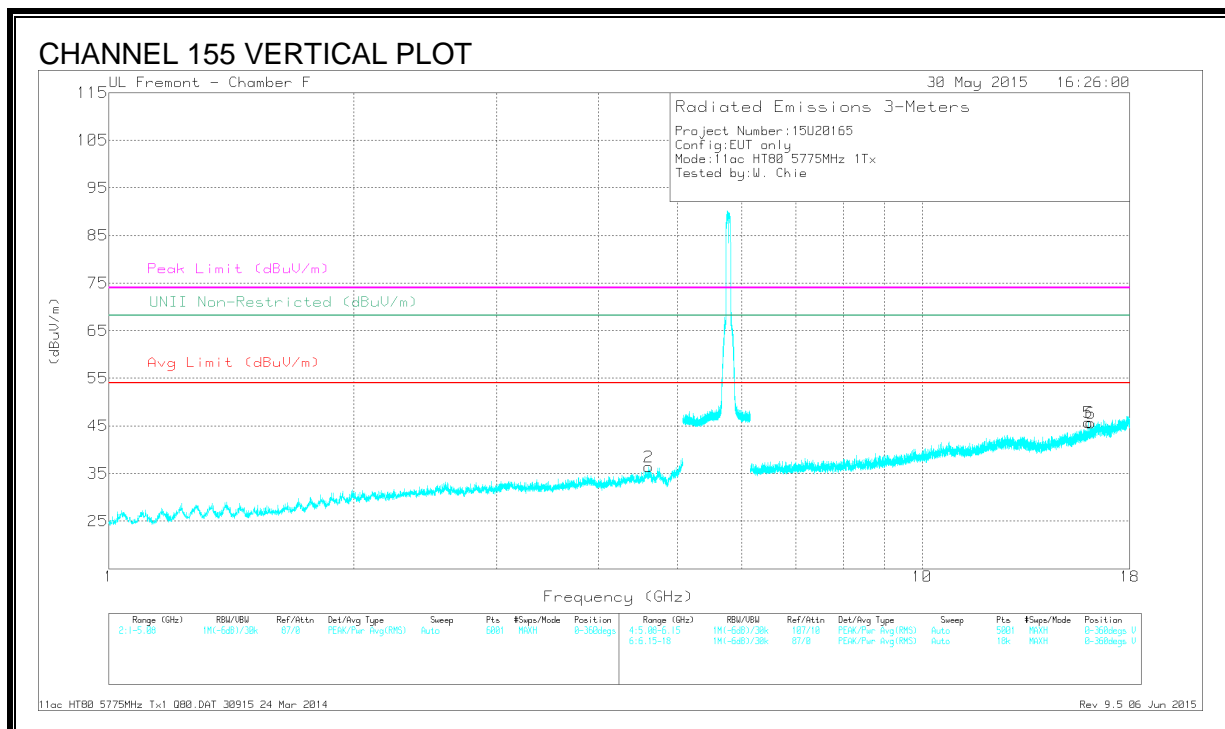
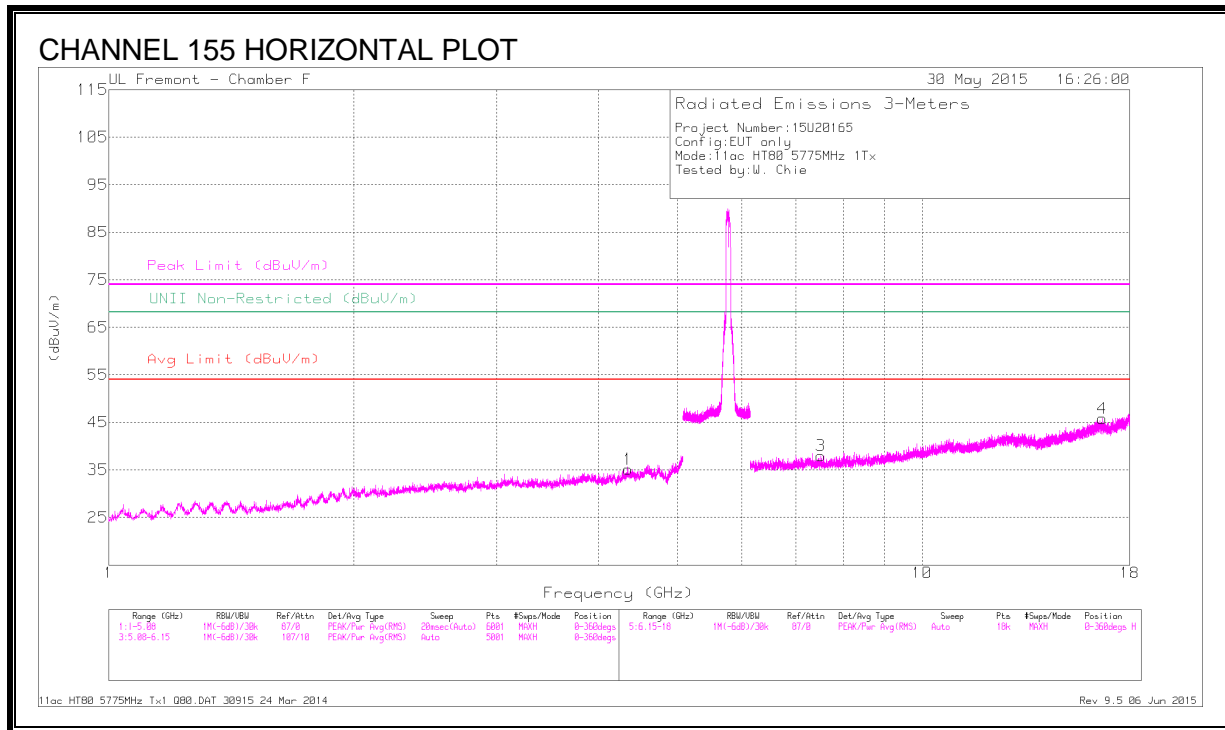


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.24	Pk	34.9	-21.2	11.8	0	-36.74	-17	-19.74	43	294	V
2	5.867	-60.91	Pk	34.9	-21.2	11.8	0	-35.41	-27	-8.41	43	294	V

Pk - Peak detector

**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

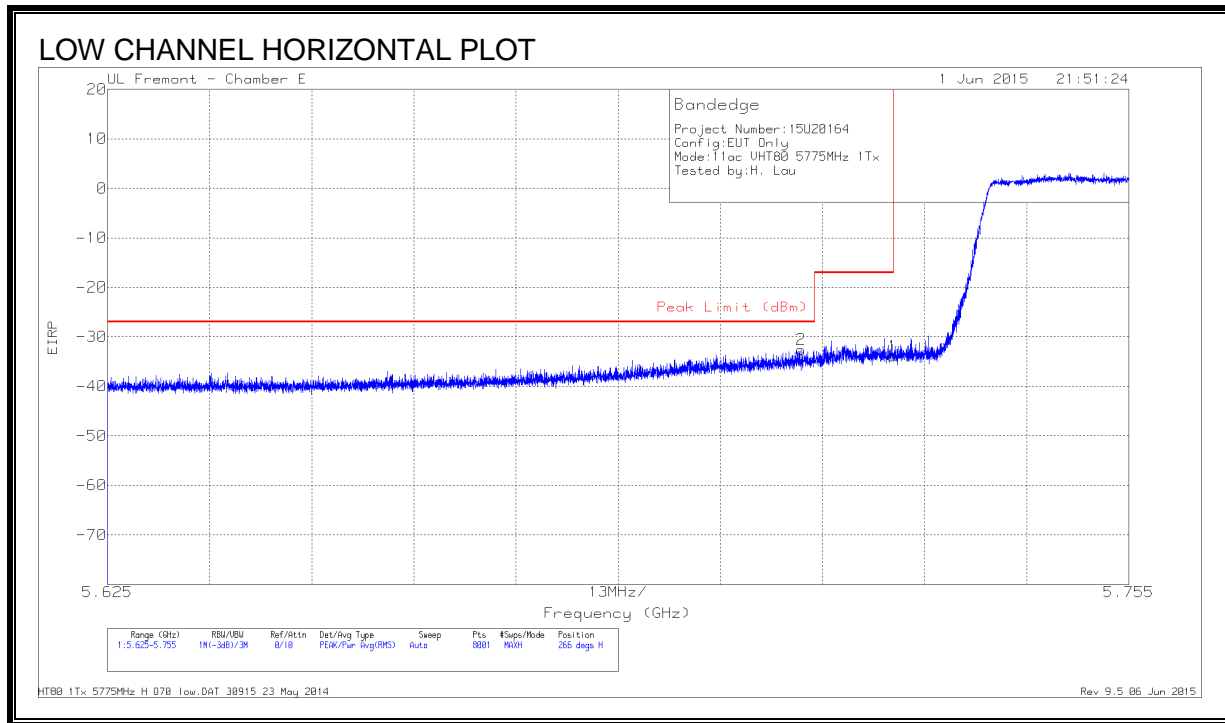
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.351	40.88	PK3	33.6	-31.5	0	42.98	-	-	74	-31.02	68.2	-25.22	0	308	H
	* 4.352	29.09	ADR	33.6	-31.5	.21	31.40	54	-22.60	-	-	-	-	0	308	H
2	* 4.613	41.45	PK3	34	-31.7	0	43.75	-	-	74	-30.25	68.2	-24.45	284	335	V
	* 4.613	29.65	ADR	34	-31.7	.21	32.16	54	-21.84	-	-	-	-	284	335	V
3	* 7.503	38.82	PK3	36	-29.5	0	45.32	-	-	74	-28.68	68.2	-22.88	238	367	H
	* 7.505	27.18	ADR	36	-29.5	.21	33.89	54	-20.11	-	-	-	-	238	367	H
4	16.661	35.38	PK3	41.9	-24.3	0	52.98	-	-	74	-21.02	68.2	-15.22	173	232	H
5	* 16.016	24.28	ADR	41	-24.4	.21	41.09	54	-12.91	-	-	-	-	183	173	V
	* 16.016	35.81	PK3	41	-24.4	0	52.41	-	-	74	-21.59	68.2	-15.79	183	173	V
6	* 16.127	36.27	PK3	41.2	-24.2	0	53.27	-	-	74	-20.73	68.2	-14.93	122	392	V
	* 16.128	23.97	ADR	41.2	-24.1	.21	41.28	-	-	-	-	-	-	122	392	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

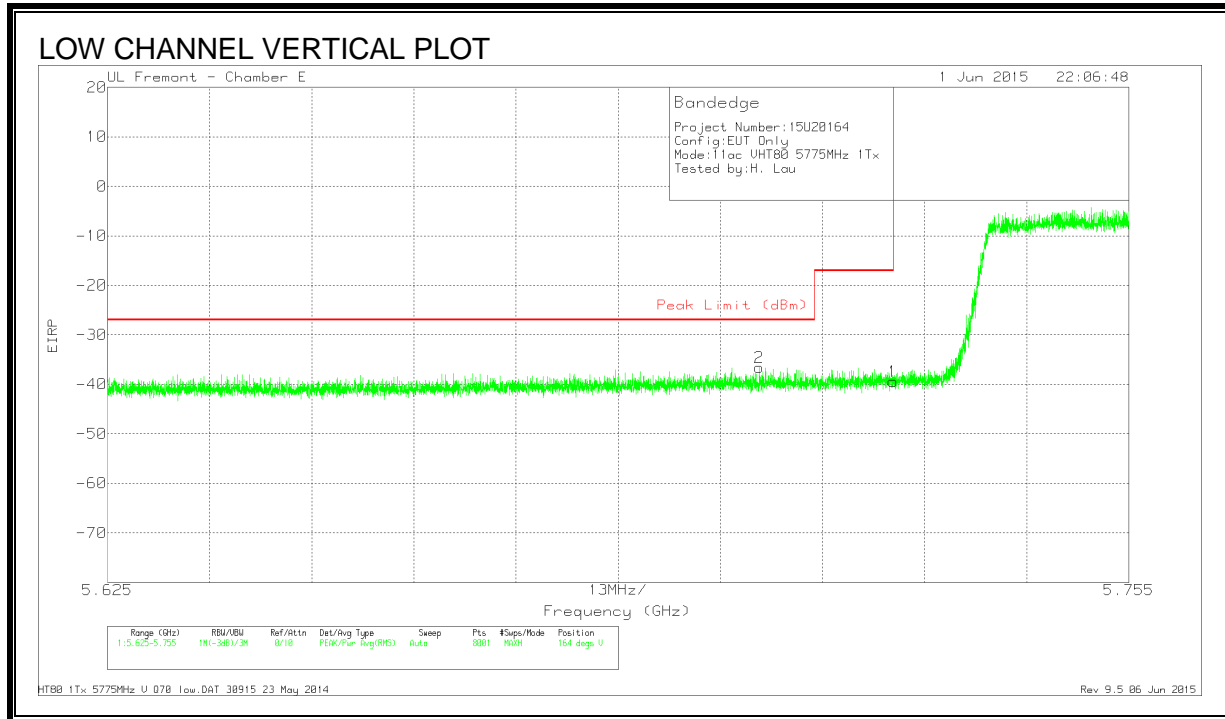
**RESTRICTED BANDEGE, CHAIN 1 (LOW)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.712	-58.28	Pk	34.7	-21	11.8	0	-32.78	-27	-5.78	266	255	H
1	5.725	-59.42	Pk	34.7	-21	11.8	0	-33.92	-17	-16.92	266	255	H

Pk - Peak detector

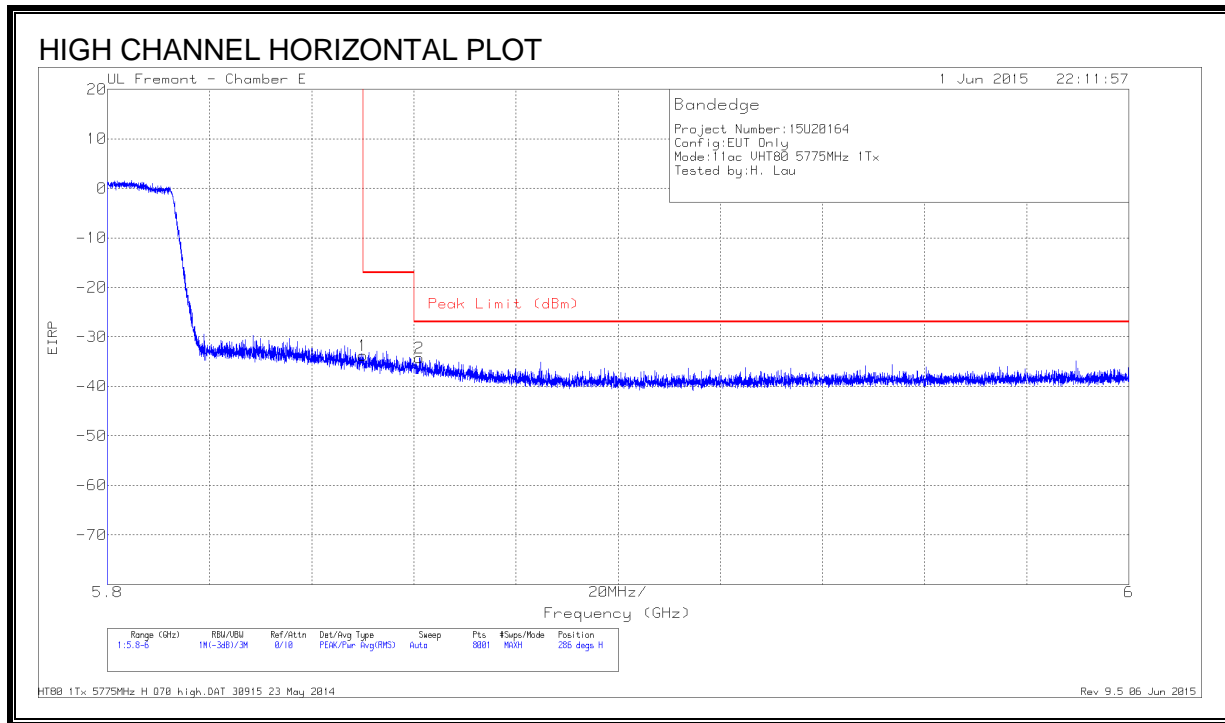


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.708	-62.09	Pk	34.7	-21	11.8	0	-36.59	-27	-9.59	164	255	V
1	5.725	-64.93	Pk	34.7	-21	11.8	0	-39.43	-17	-22.43	164	255	V

Pk - Peak detector

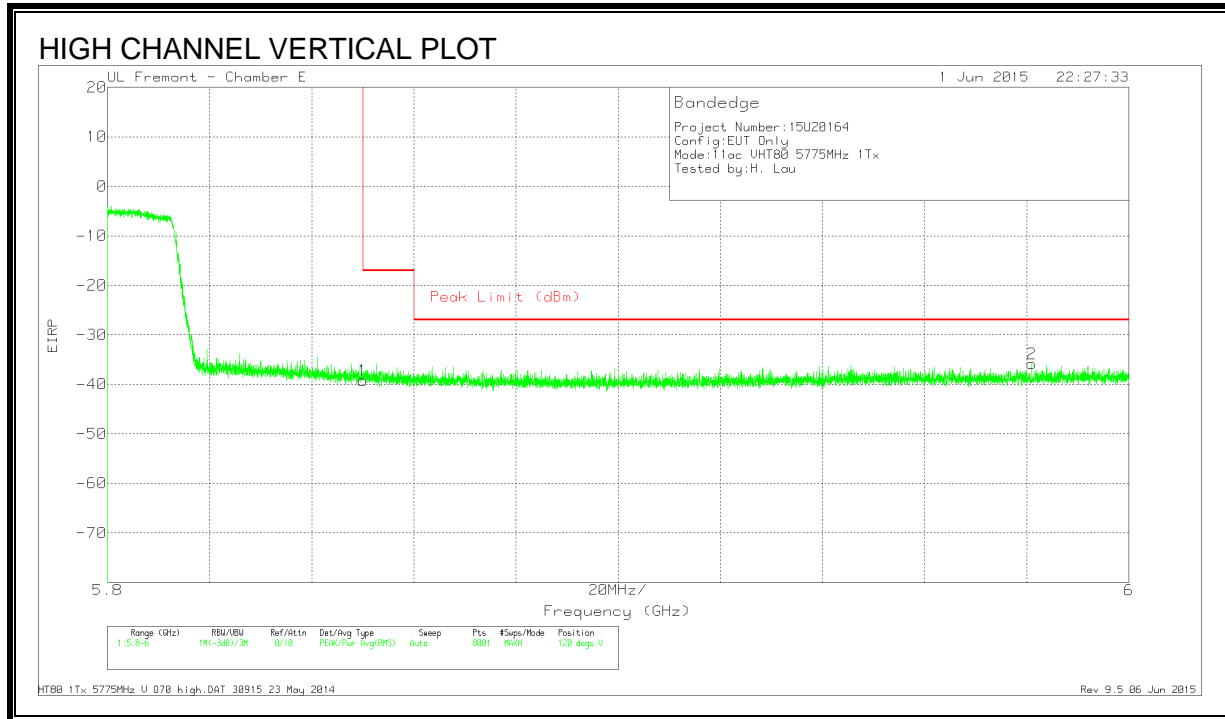
**RESTRICTED BANDEGE, CHAIN 1 (HIGH)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.3	Pk	34.9	-21.2	11.8	0	-33.8	-17	-16.8	286	182	H
2	5.861	-59.61	Pk	34.9	-21.3	11.8	0	-34.21	-27	-7.21	286	182	H

Pk - Peak detector



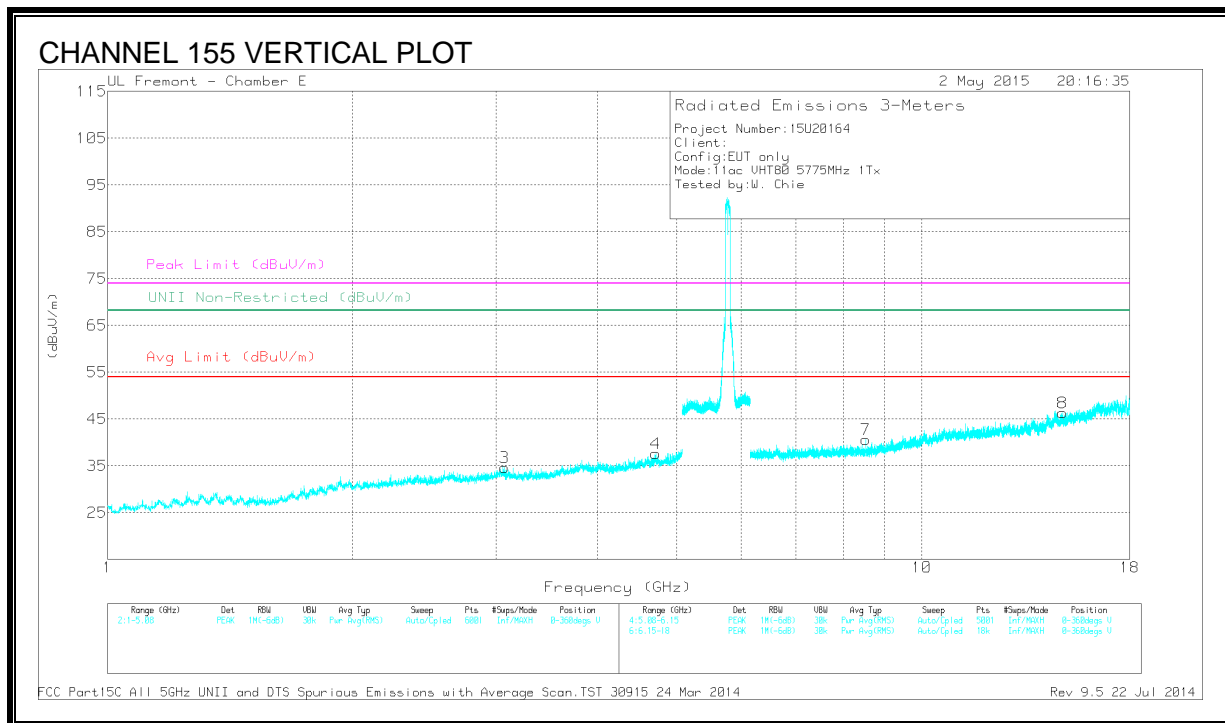
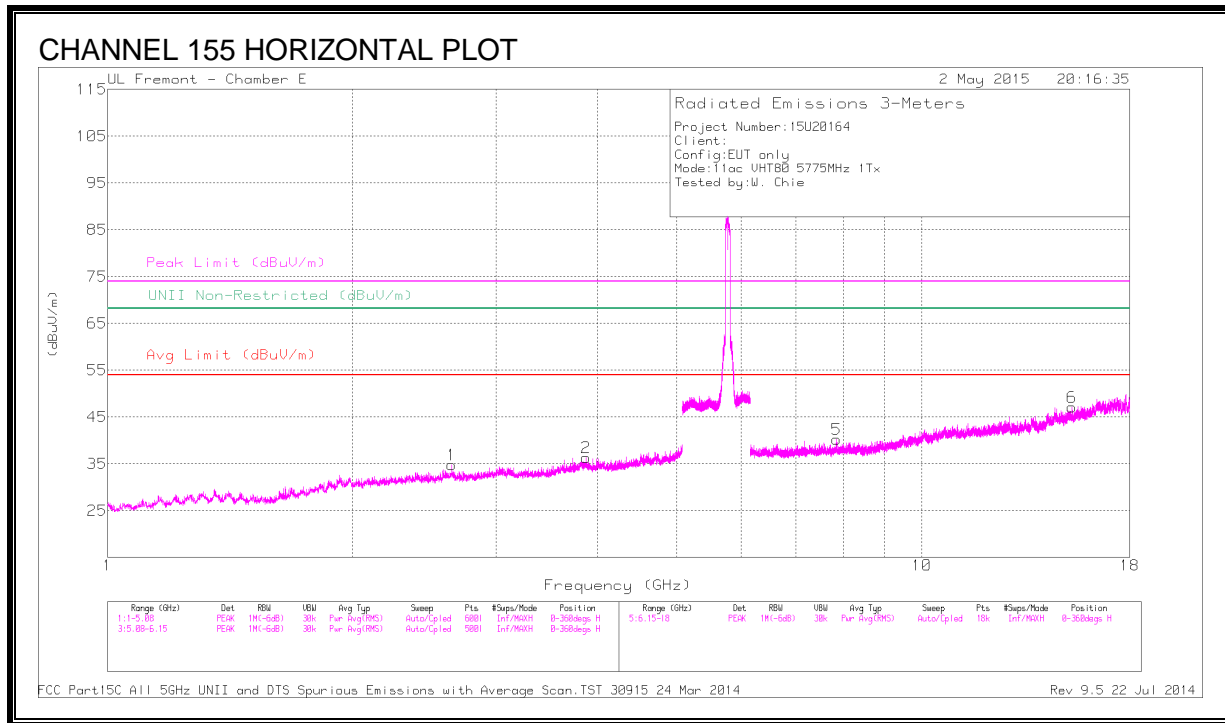
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.72	Pk	34.9	-21.2	11.8	0	-39.22	-17	-22.22	120	199	V
2	5.981	-61.8	Pk	35.1	-20.9	11.8	0	-35.8	-27	-8.8	120	199	V

Pk - Peak detector



**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.866	40.29	PK1	33.5	-30.8	0	42.99	-	-	74	-31.01	-	-	0	392	H
	* 3.866	29.43	AD1	33.5	-30.8	.21	32.34	54	-21.65	-	-	-	-	0	392	H
4	* 4.709	40.94	PK1	34.2	-30	0	45.14	-	-	74	-28.86	-	-	197	370	V
	* 4.709	29.64	AD1	34.2	-30	.21	34.05	54	-19.95	-	-	-	-	197	370	V
1	2.644	41.49	PK1	32.4	-32.4	0	41.49	-	-	-	-	68.2	-26.71	159	370	H
3	3.07	40.91	PK1	32.9	-31.6	0	42.21	-	-	-	-	68.2	-25.99	19	227	V
5	7.858	38.42	PK1	35.8	-27.3	0	46.92	-	-	-	-	68.2	-21.28	221	369	H
7	8.531	38.23	PK1	35.8	-26.9	0	47.13	-	-	-	-	68.2	-21.07	0	277	V
8	14.884	37.79	PK1	39.5	-23.8	0	53.49	-	-	-	-	68.2	-14.71	51	221	V
6	15.286	37.32	PK1	39.9	-23.7	0	53.52	-	-	-	-	68.2	-14.68	184	107	H

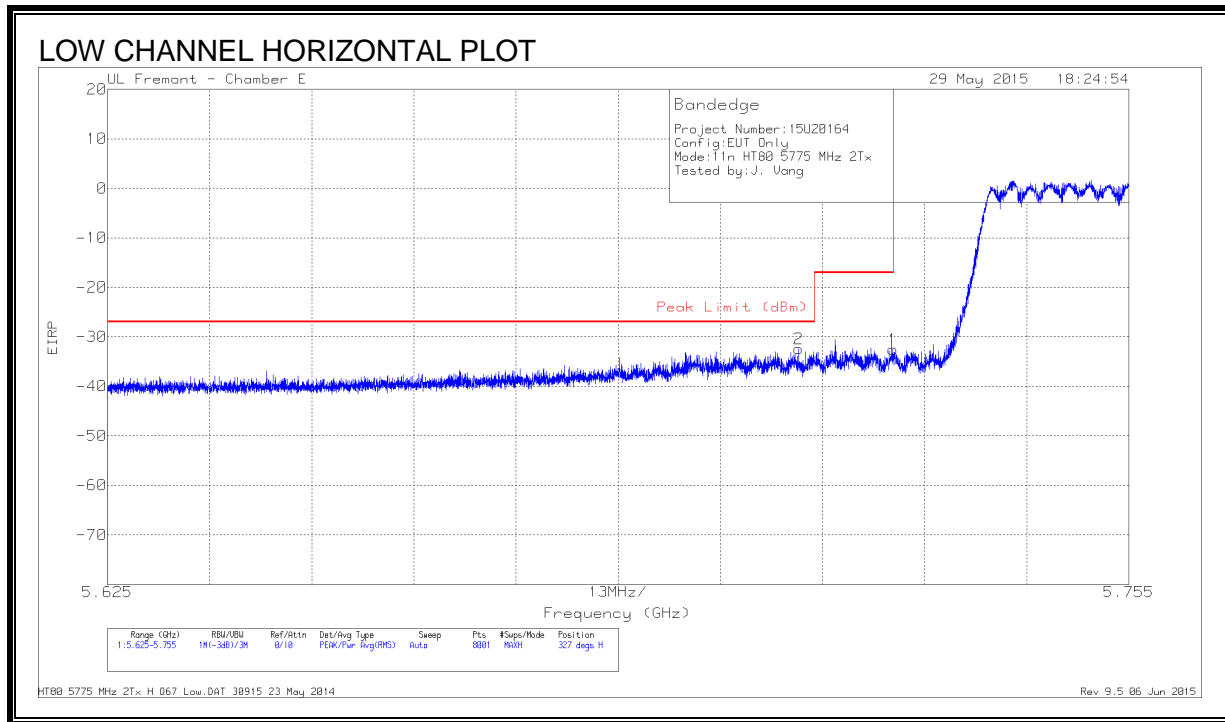
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 10.25. 802.11ac 80Mhz 2Tx CDD MODE IN THE 5.8 GHz BAND

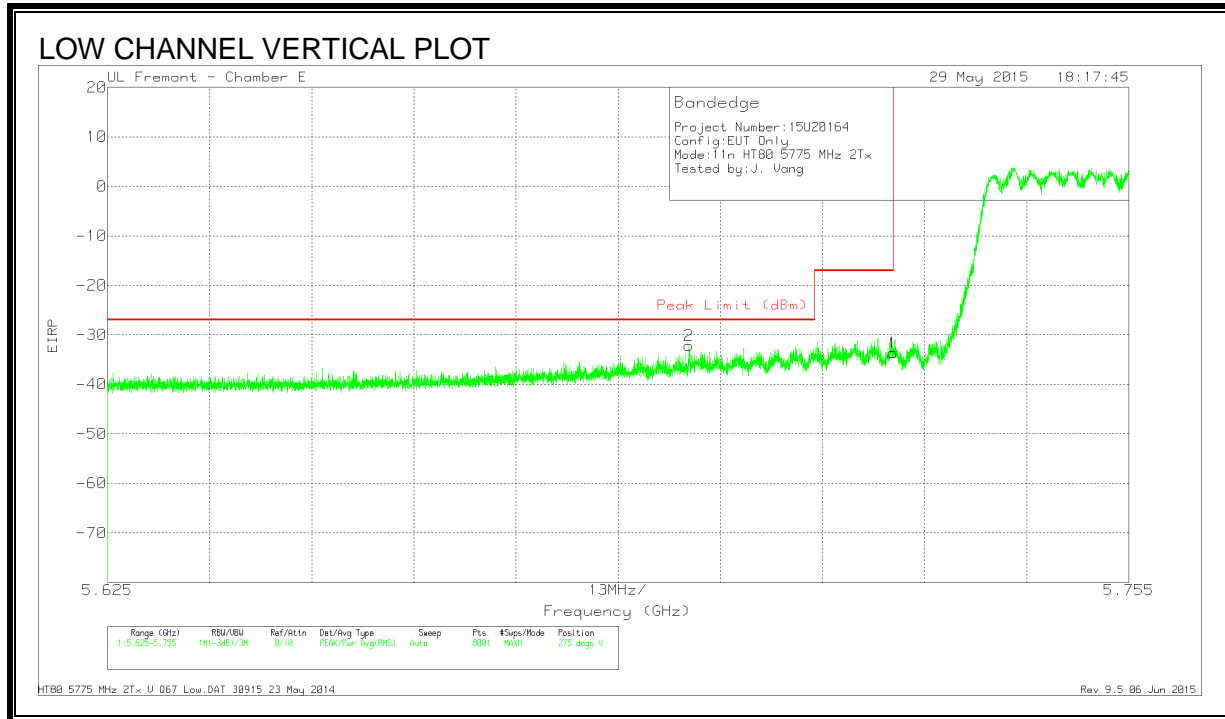
**RESTRICTED BANDEDGE (LOW)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.713	-57.89	Pk	34.7	-21	11.8	0	-32.39	-27	-5.39	327	308	H
1	5.725	-58.04	Pk	34.7	-21	11.8	0	-32.54	-17	-15.54	327	308	H

Pk - Peak detector

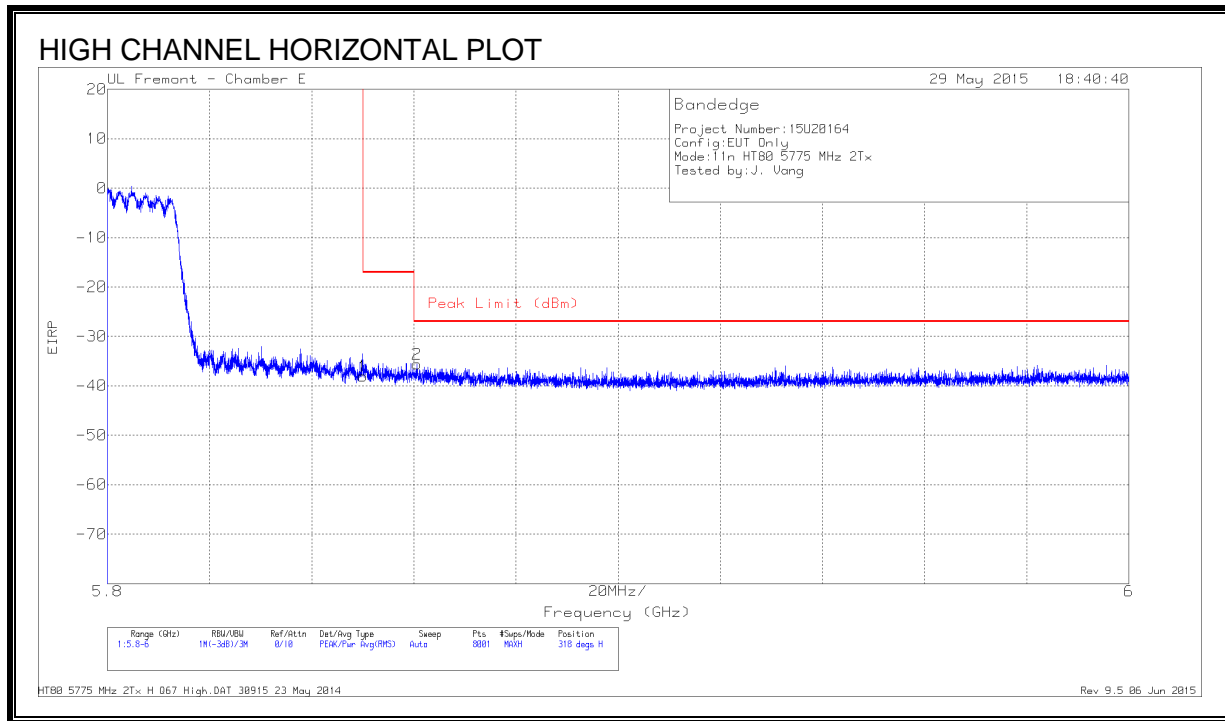


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.699	-57.6	Pk	34.7	-21.1	11.8	0	-32.2	-27	-5.2	275	229	V
1	5.725	-59.15	Pk	34.7	-21	11.8	0	-33.65	-17	-16.65	275	229	V

Pk - Peak detector

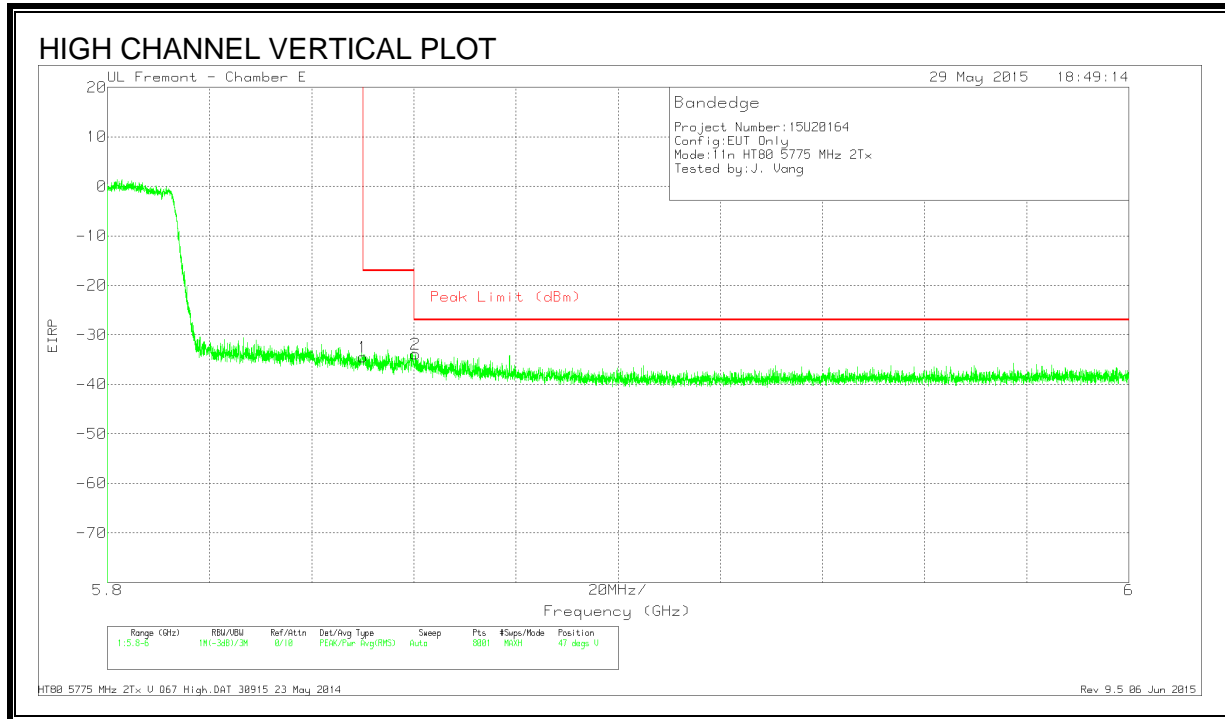
**RESTRICTED BANDEGE (HIGH)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.56	Pk	34.9	-21.2	11.8	0	-38.06	-17	-21.06	318	262	H
2	5.861	-61.05	Pk	34.9	-21.3	11.8	0	-35.65	-27	-8.65	318	262	H

Pk - Peak detector

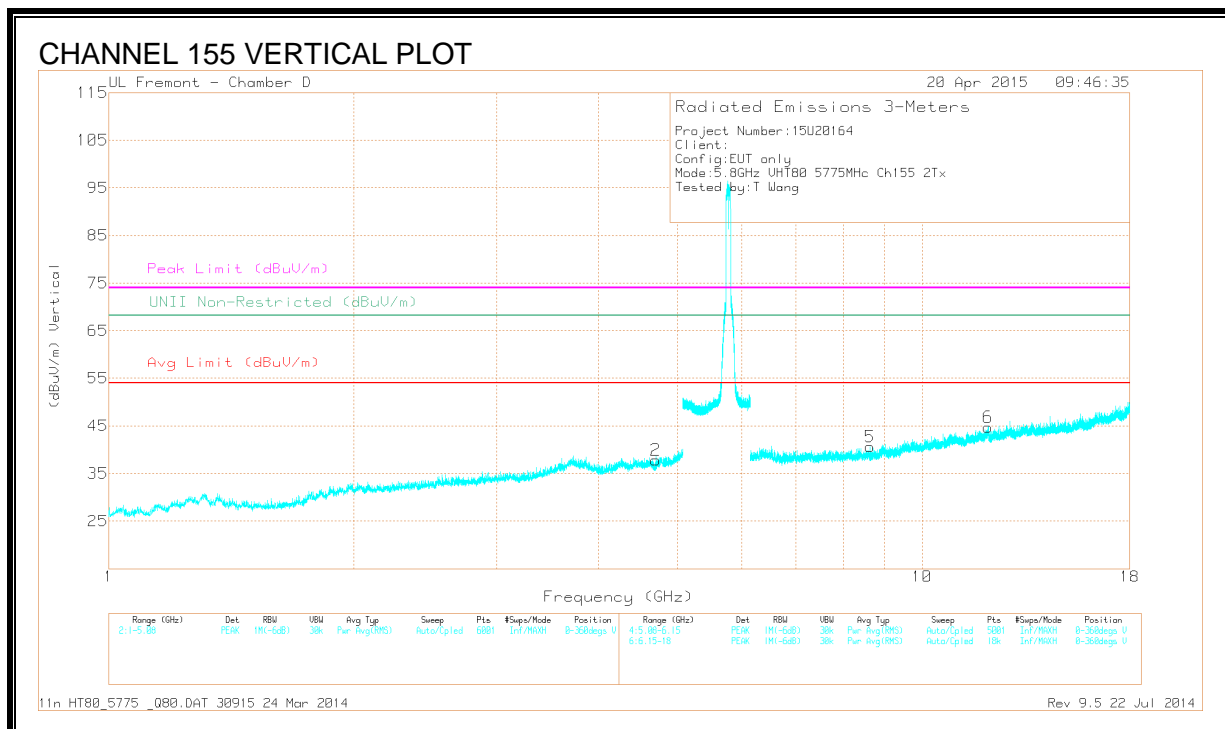
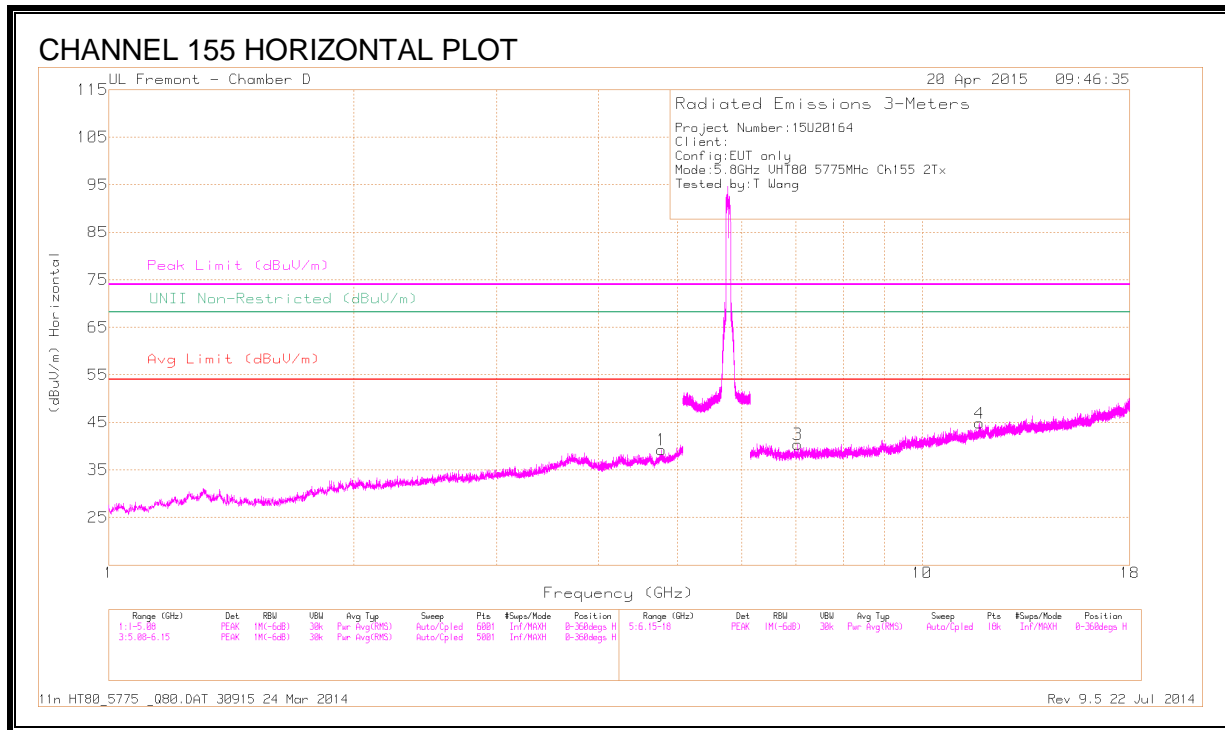


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.04	Pk	34.9	-21.2	11.8	0	-34.54	-17	-17.54	47	320	V
2	5.86	-59.24	Pk	34.9	-21.3	11.8	0	-33.84	-27	-6.84	47	320	V

Pk - Peak detector

**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T120 (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
1	* 4.781	38.83	PK1	34.1	-27.3	0	45.63	-	-	74	-28.37	-	-	229	105	H
	* 4.782	27.42	AD1	34.1	-27.3	.22	34.44	54	-19.56	-	-	-	-	229	105	H
2	* 4.705	39.18	PK1	34	-27.3	0	45.88	-	-	74	-28.12	-	-	135	182	V
	* 4.706	27.5	AD1	34	-27.3	.22	34.42	54	-19.58	-	-	-	-	135	182	V
4	* 11.76	34.5	PK1	38.9	-22.1	0	51.3	-	-	74	-22.7	-	-	187	281	H
	* 11.76	23.29	AD1	38.9	-22.1	.22	40.31	54	-13.69	-	-	-	-	187	281	H
6	* 12.046	34.76	PK1	39.1	-21.6	0	52.26	-	-	74	-21.74	-	-	83	235	V
	* 12.047	23.33	AD1	39.1	-21.6	.22	41.05	54	-12.95	-	-	-	-	83	235	V
3	7.027	36.97	PK1	35.6	-25.8	0	46.77	-	-	-	-	68.2	-21.43	335	171	H
5	8.629	34.21	PK1	35.8	-24.2	0	45.81	-	-	-	-	68.2	-22.39	335	171	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

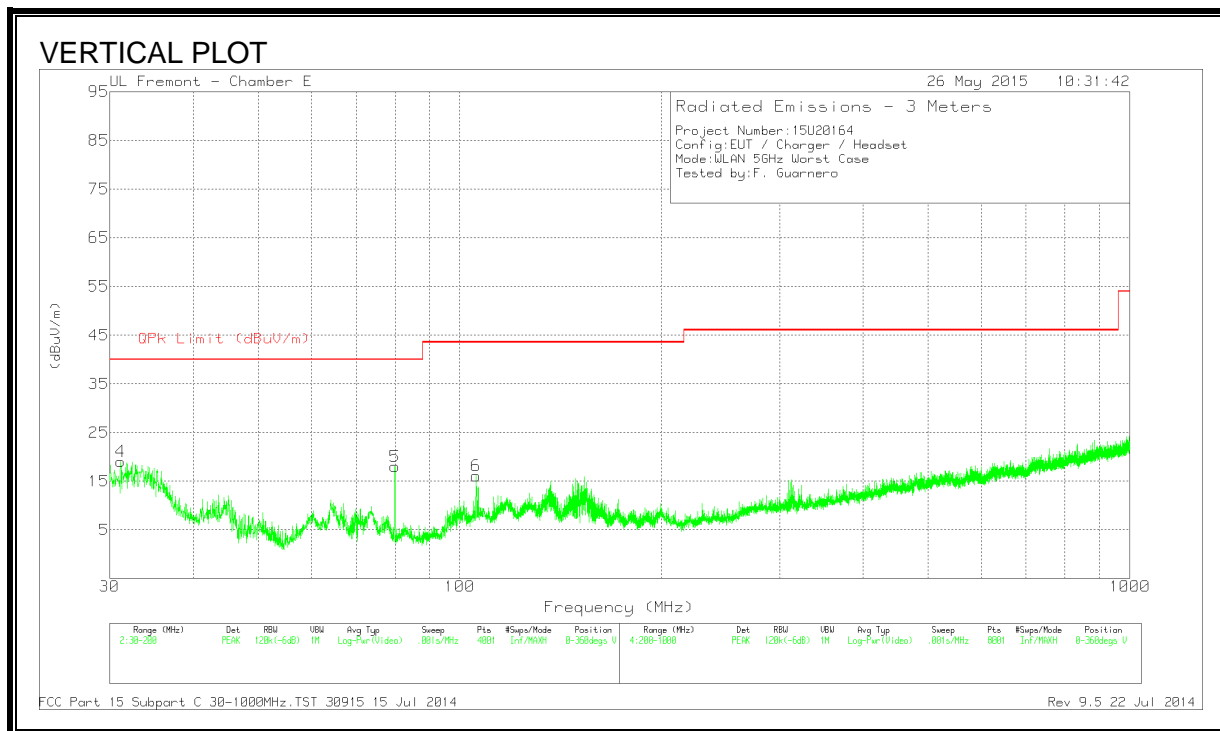
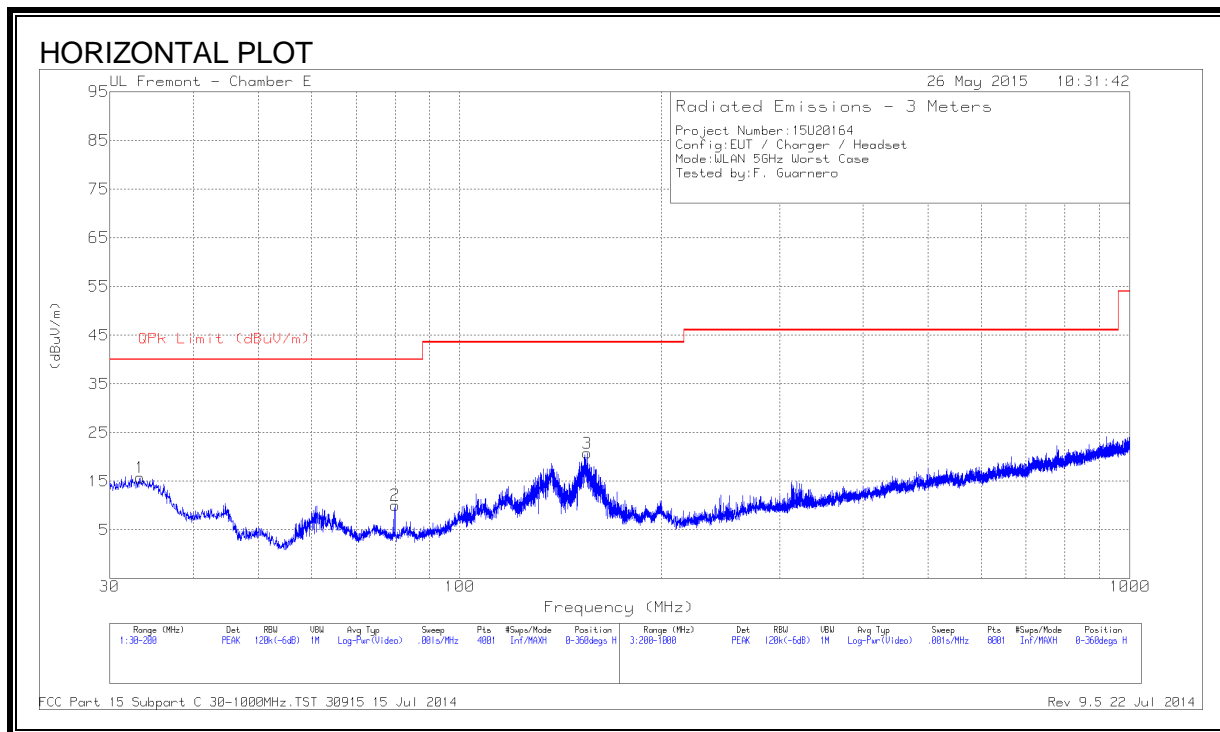
PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average



### 10.26. WORST-CASE BELOW 1 GHz

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



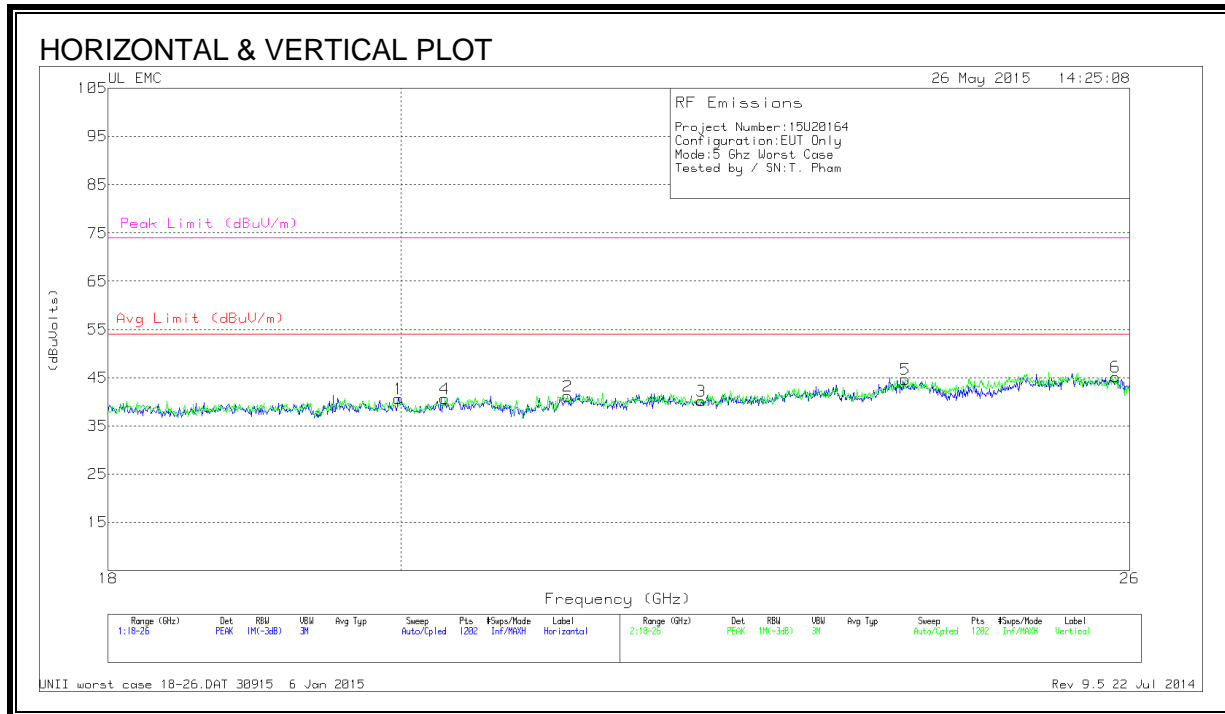
**HORIZONTAL AND VERTICAL DATA**

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
4	31.1475	30.17	PK	20.7	-31.8	19.07	40	-20.93	0-360	100	V
1	33.315	28.43	PK	19.1	-31.8	15.73	40	-24.27	0-360	301	H
5	80.0013	41.53	PK	8	-31.5	18.03	40	-21.97	0-360	100	V
2	80.0225	33.59	PK	8	-31.5	10.09	40	-29.91	0-360	301	H
6	105.6925	35.91	PK	11.5	-31.3	16.11	43.52	-27.41	0-360	100	V
3	154.9075	39.45	PK	12.3	-31	20.75	43.52	-22.77	0-360	301	H

PK - Peak detector

### 10.27. WORST-CASE ABOVE 18 GHz

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

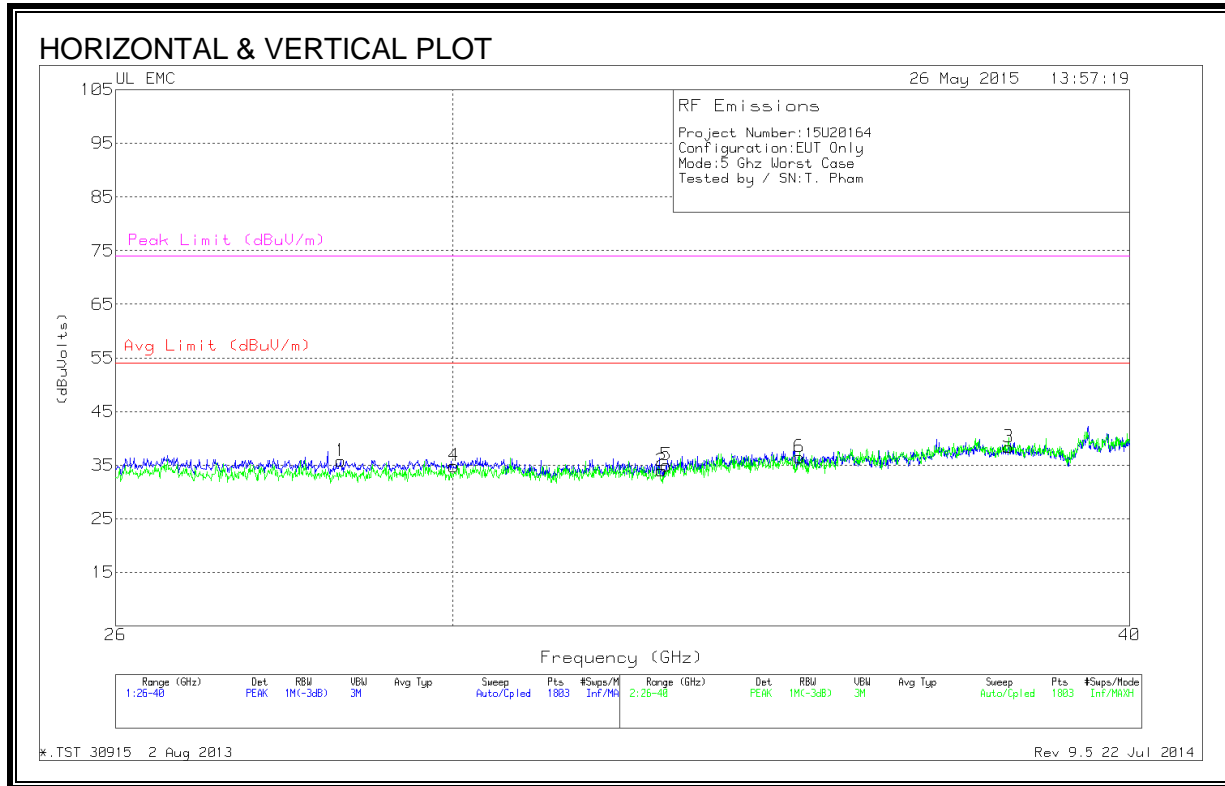


#### HORIZONTAL AND VERTICAL DATA

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	19.982	41.27	PK	33	-24.1	-9.5	40.66	54	-13.33	74	-33.33
2	21.237	41.17	PK	33.2	-23.7	-9.5	41.16	54	-12.83	74	-32.83
3	22.283	40.07	PK	32.8	-23.2	-9.5	40.16	54	-13.83	74	-33.83
4	20.318	41.67	PK	32.6	-24.1	-9.5	40.66	54	-13.33	74	-33.33
5	23.982	43.57	PK	33.3	-22.7	-9.5	44.66	54	-9.33	74	-29.33
6	25.867	43.27	PK	34	-22.6	-9.5	45.16	54	-8.83	74	-28.83

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	28.61	45.03	PK	35.7	-35.4	-9.5	35.83	54	-18.16	74	-38.16
2	32.782	44.6	PK	36.6	-37.7	-9.5	34	54	-20	74	-40
3	37.996	47.93	PK	37.3	-37.4	-9.5	38.33	54	-15.66	74	-35.66
4	30.017	44.53	PK	36	-36.2	-9.5	34.83	54	-19.16	74	-39.16
5	32.852	45.2	PK	36.6	-37.3	-9.5	35	54	-19	74	-39
6	34.764	45.9	PK	37.2	-37.1	-9.5	36.5	54	-17.5	74	-37.5

PK - Peak detector

## 11. RADIATED TEST RESULTS (MODEL: A1688)

### 11.1. LIMITS AND PROCEDURE

#### LIMITS

FCC §15.205 and §15.209

IC RSS-GEN, Section 8.9 and 8.10.

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

#### TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

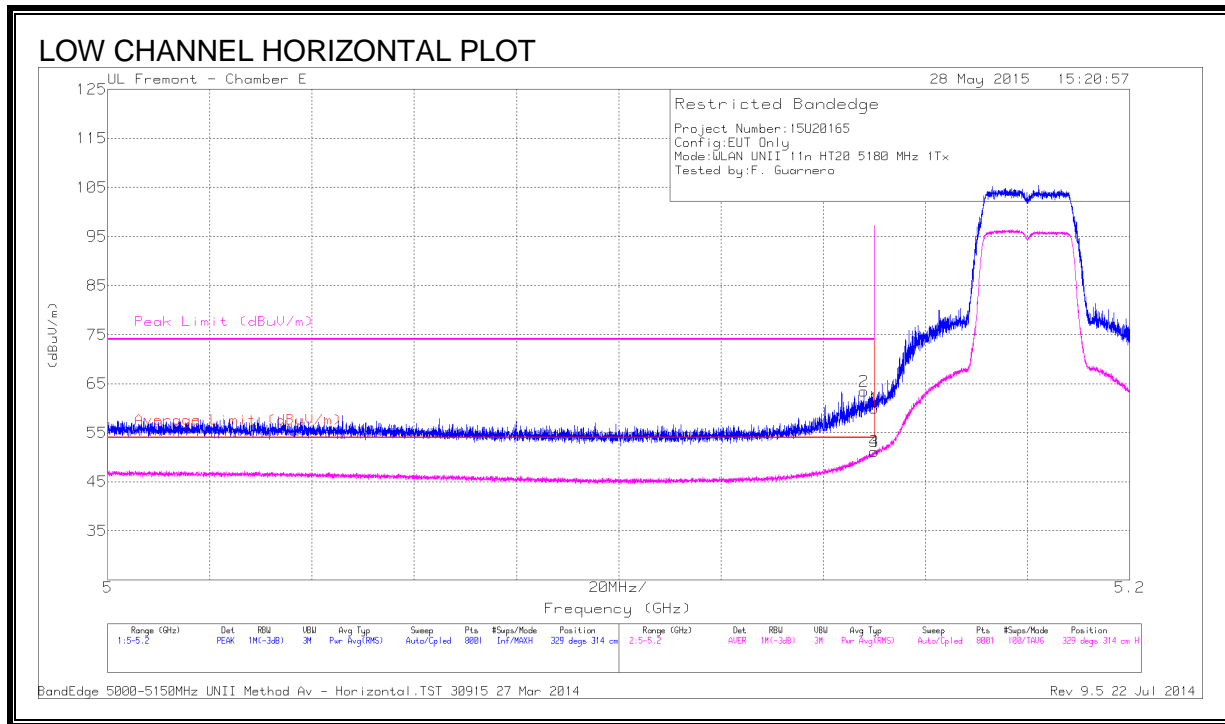
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 40 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

## 11.2. 802.11n HT20 1Tx MODE IN THE 5.2 GHz BAND

### RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



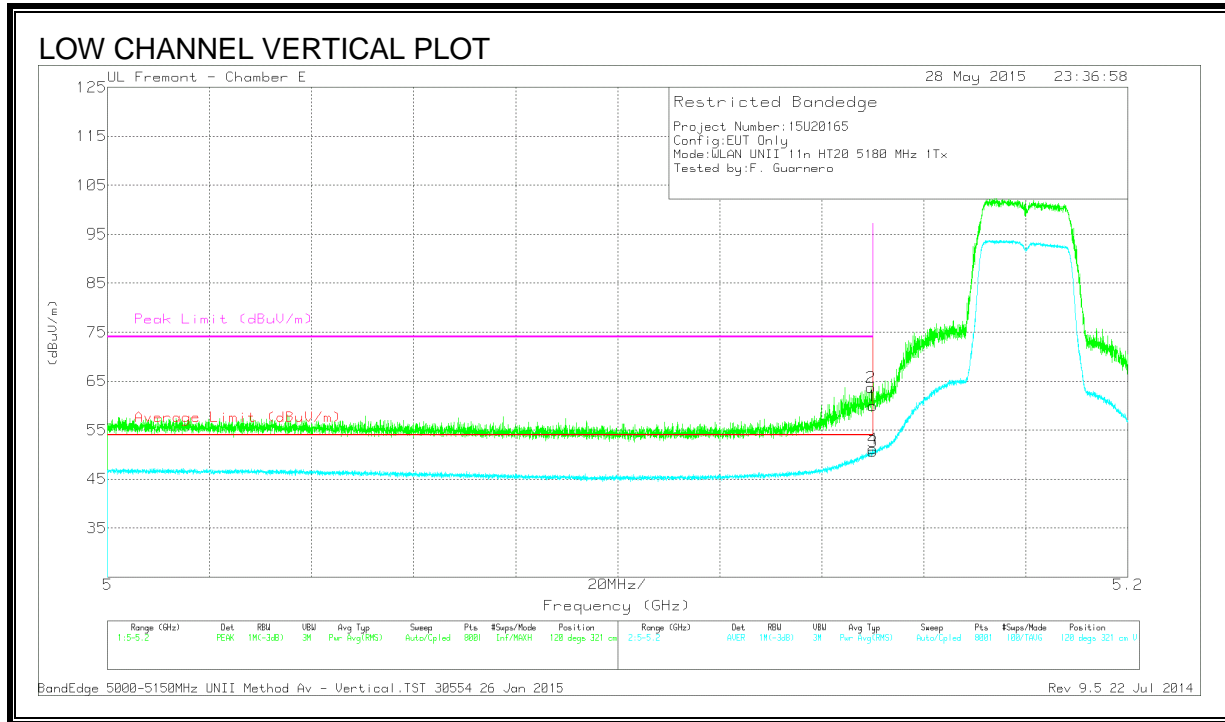
### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.09	PK	34.3	-21.4	59.99	-	-	74	-14.01	329	314	H
2	* 5.148	50.58	PK	34.3	-21.4	63.48	-	-	74	-10.52	329	314	H
3	* 5.15	38.18	RMS	34.3	-21.4	51.08	54	-2.92	-	-	329	314	H
4	* 5.15	38.1	RMS	34.3	-21.4	51	54	-3	-	-	329	314	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



**DATA**

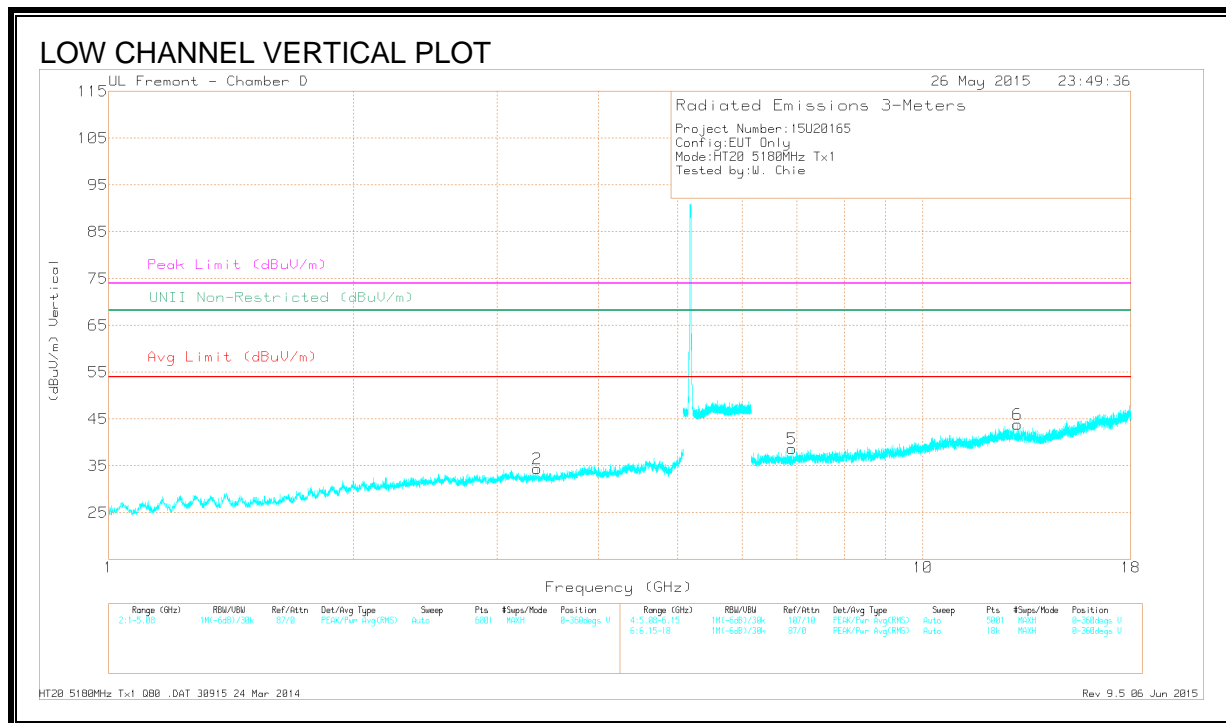
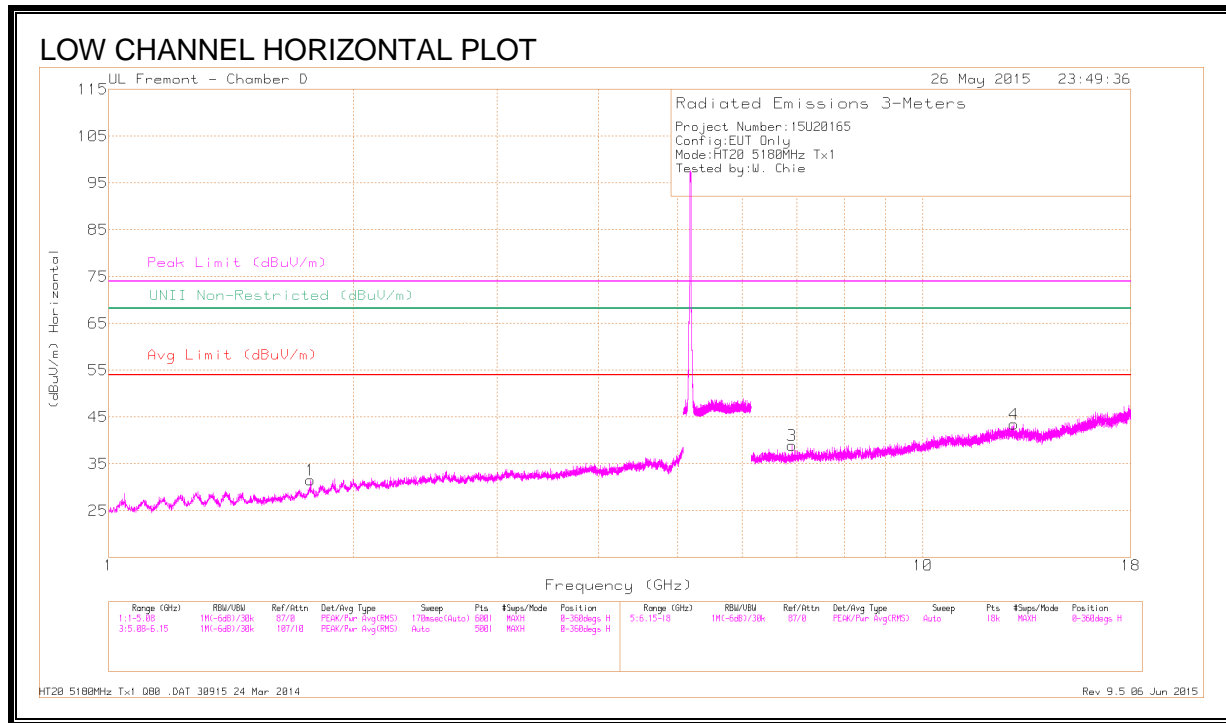
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.13	PK	34.3	-21.4	60.03	-	-	74	-13.97	120	321	V
2	* 5.15	50.84	PK	34.3	-21.4	63.74	-	-	74	-10.26	120	321	V
3	* 5.15	37.45	RMS	34.3	-21.4	50.35	54	-3.65	-	-	120	321	V
4	* 5.15	37.83	RMS	34.3	-21.4	50.73	54	-3.27	-	-	120	321	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fit r/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	1.772	43.19	PK1	29.8	-34.7	38.29	-	-	74	-35.71	68.2	-29.91	249	127	H
2	3.358	41.91	PK1	32.8	-32.9	41.81	-	-	74	-32.19	68.2	-26.39	171	148	V
3	6.905	39.54	PK1	35.8	-30.7	44.64	-	-	74	-29.36	68.2	-23.56	212	111	H
5	6.906	40.06	PK1	35.8	-30.7	45.16	-	-	74	-28.84	68.2	-23.04	171	151	V
4	12.933	35.58	PK1	39.4	-24.9	50.08	-	-	74	-23.92	68.2	-18.12	259	131	H
6	13.078	36.13	PK1	39.3	-26.1	49.33	-	-	74	-24.67	68.2	-18.87	108	168	V

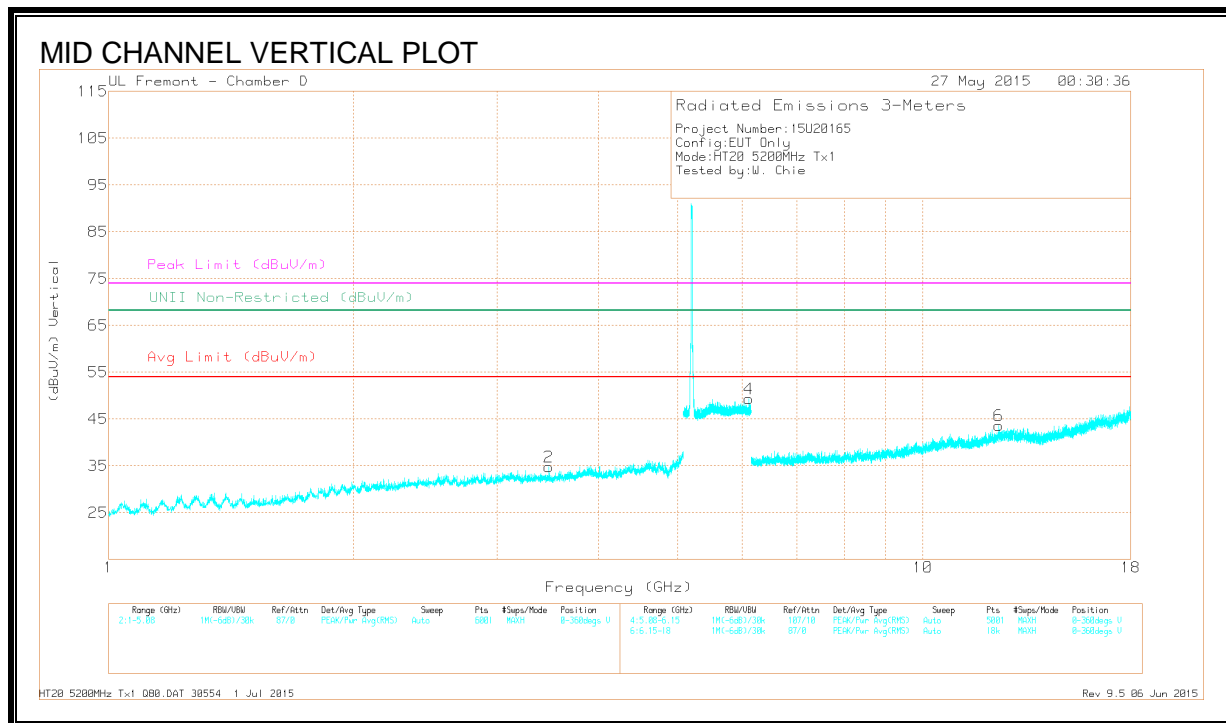
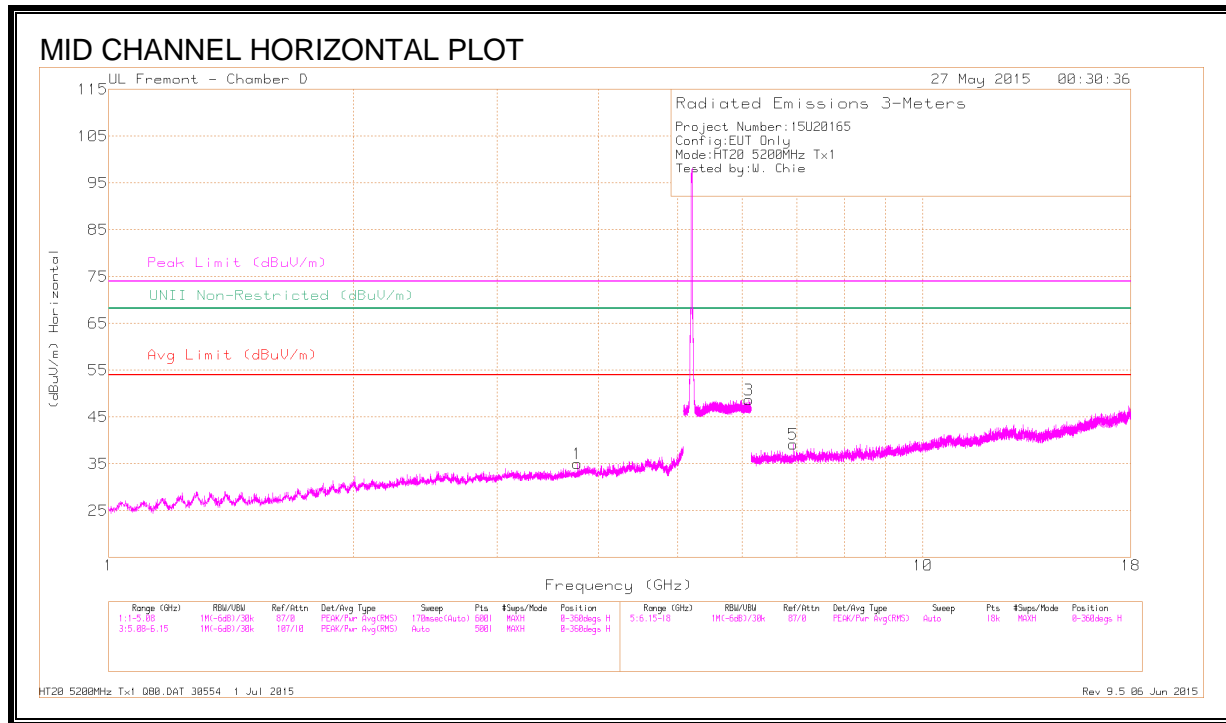
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK1 - KDB789033 Method: Peak

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

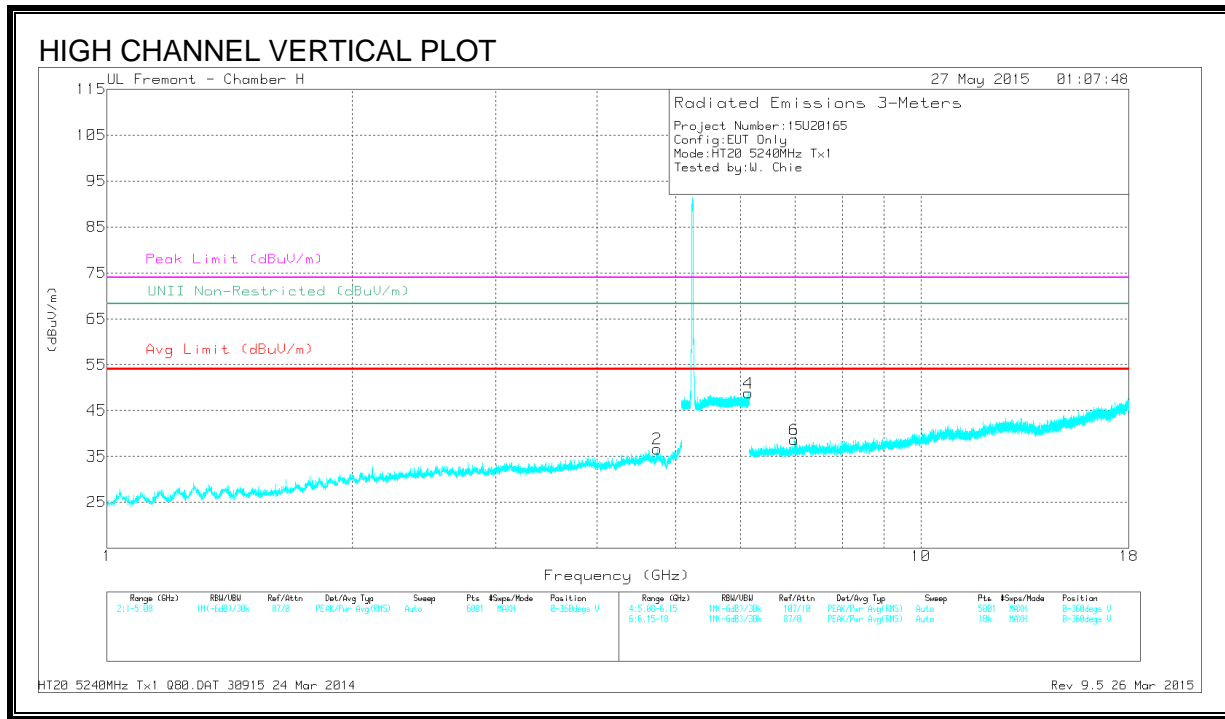
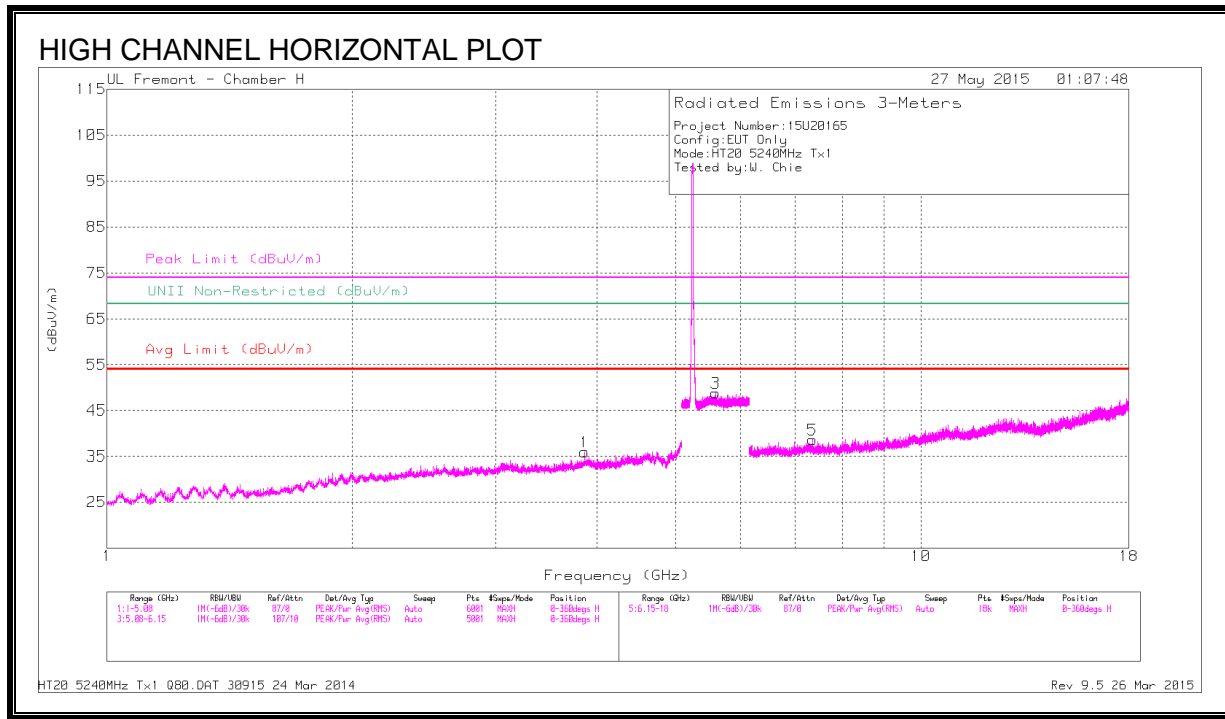
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.764	41.67	PK1	33.3	-33.1	41.87	-	-	74	-32.13	-	-	303	167	H
	* 3.767	30.27	AD1	33.3	-33.1	30.47	54	-23.53	-	-	-	-	303	167	H
6	* 12.385	36.14	PK1	39.1	-25.3	49.94	-	-	74	-24.06	-	-	65	240	V
	* 12.386	24.96	AD1	39.1	-25.3	38.76	54	-15.24	-	-	-	-	65	240	V
2	3.474	41.01	PK1	32.8	-33.1	40.71	-	-	-	-	68.2	-27.49	360	120	V
3	6.109	42.27	PK1	35.4	-22	55.67	-	-	-	-	68.2	-12.53	245	140	H
4	6.11	42.07	PK1	35.4	-22	55.47	-	-	-	-	68.2	-12.73	197	119	V
5	6.933	39.27	PK1	35.8	-30.7	44.37	-	-	-	-	68.2	-23.83	221	129	H

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

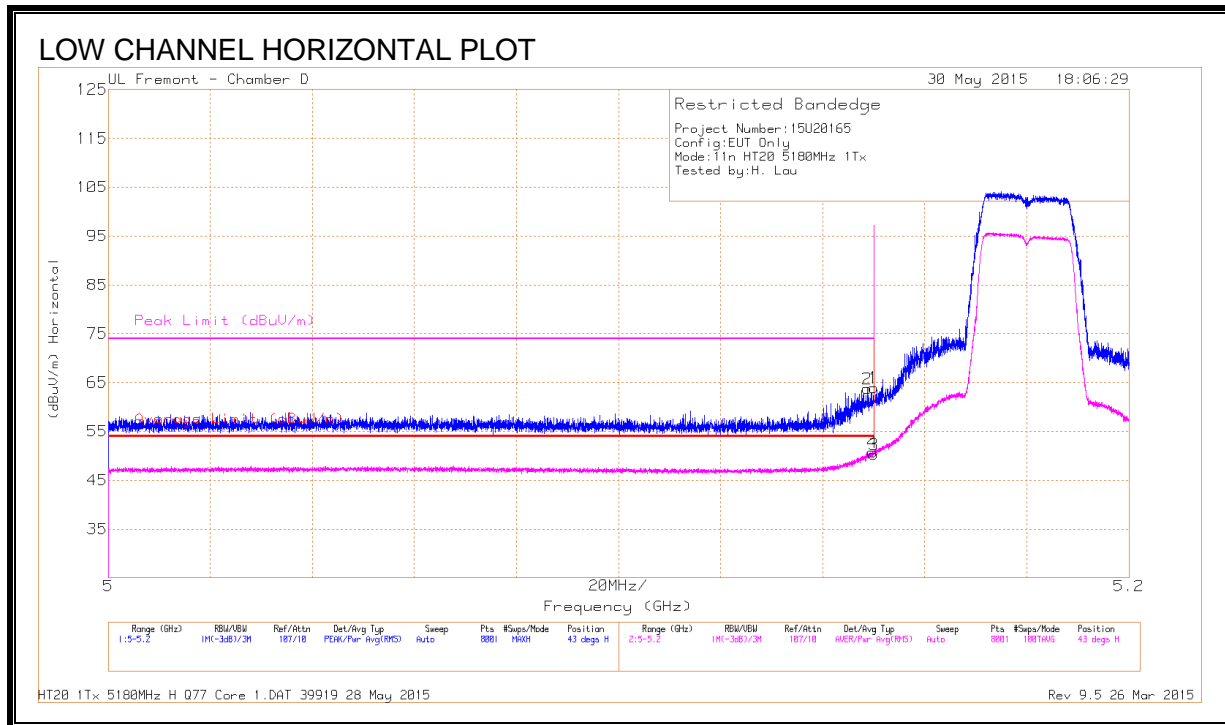
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.863	41.76	PK1	33.5	-32.8	42.46	-	-	74	-31.54	-	-	57	213	H
	* 3.861	30.11	AD1	33.5	-32.8	30.81	54	-23.19	-	-	-	-	57	213	H
2	* 4.743	41.26	PK1	34.2	-31.6	43.86	-	-	74	-30.14	-	-	41	143	V
	* 4.742	29.53	AD1	34.2	-31.6	32.13	54	-21.87	-	-	-	-	41	143	V
5	* 7.354	38.6	PK1	36	-29.8	44.8	-	-	74	-29.2	-	-	186	149	H
	* 7.355	27.41	AD1	36	-29.9	33.51	54	-20.49	-	-	-	-	186	149	H
3	5.591	42.84	PK1	35	-22.5	55.34	-	-	-	-	68.2	-12.86	159	111	H
4	6.135	42.07	PK1	35.4	-22.1	55.37	-	-	-	-	68.2	-12.83	242	129	V
6	6.987	39.36	PK1	35.8	-29.9	45.26	-	-	-	-	68.2	-22.94	244	167	V

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

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**RESTRICTED BANDEGE, CHAIN 1 (LOW CHANNEL)**



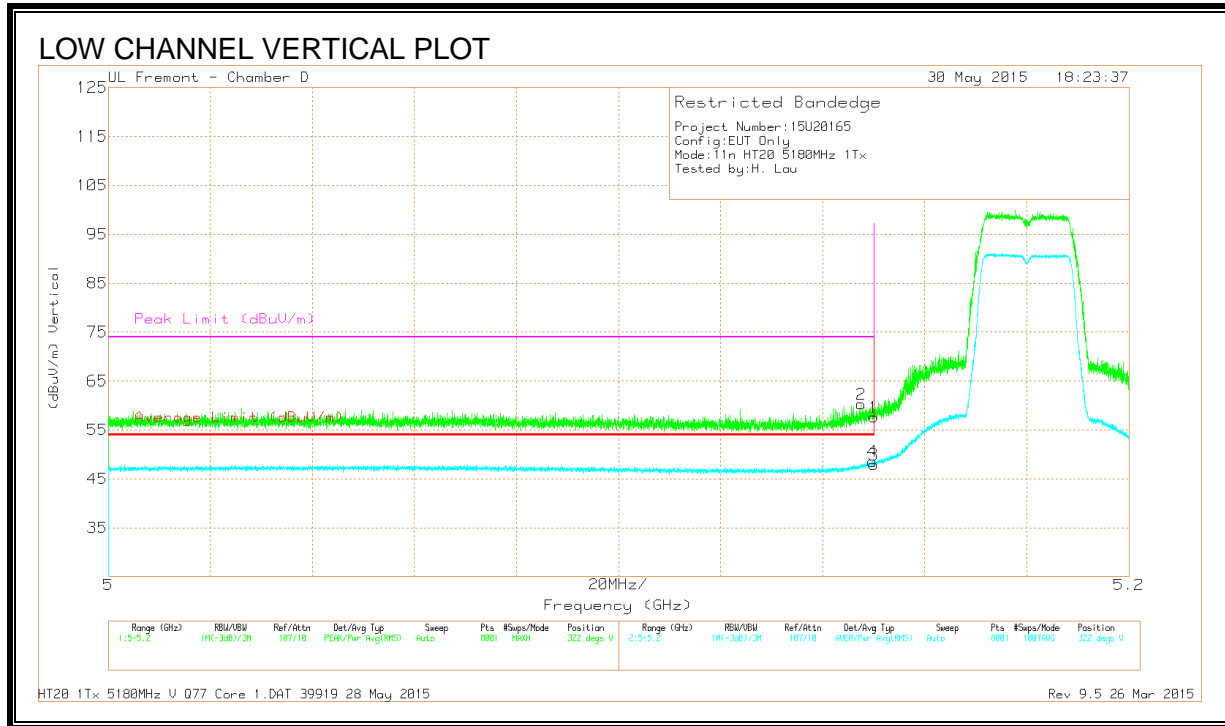
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	47.98	Pk	34.3	-18.5	63.78	-	-	74	-10.22	43	258	H
1	* 5.15	48.15	Pk	34.3	-18.5	63.95	-	-	74	-10.05	43	258	H
3	* 5.15	34.51	RMS	34.3	-18.5	50.31	54	-3.69	-	-	43	258	H
4	* 5.15	34.96	RMS	34.3	-18.5	50.76	54	-3.24	-	-	43	258	H

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

Pk - Peak detector

RMS - RMS detection



**DATA**

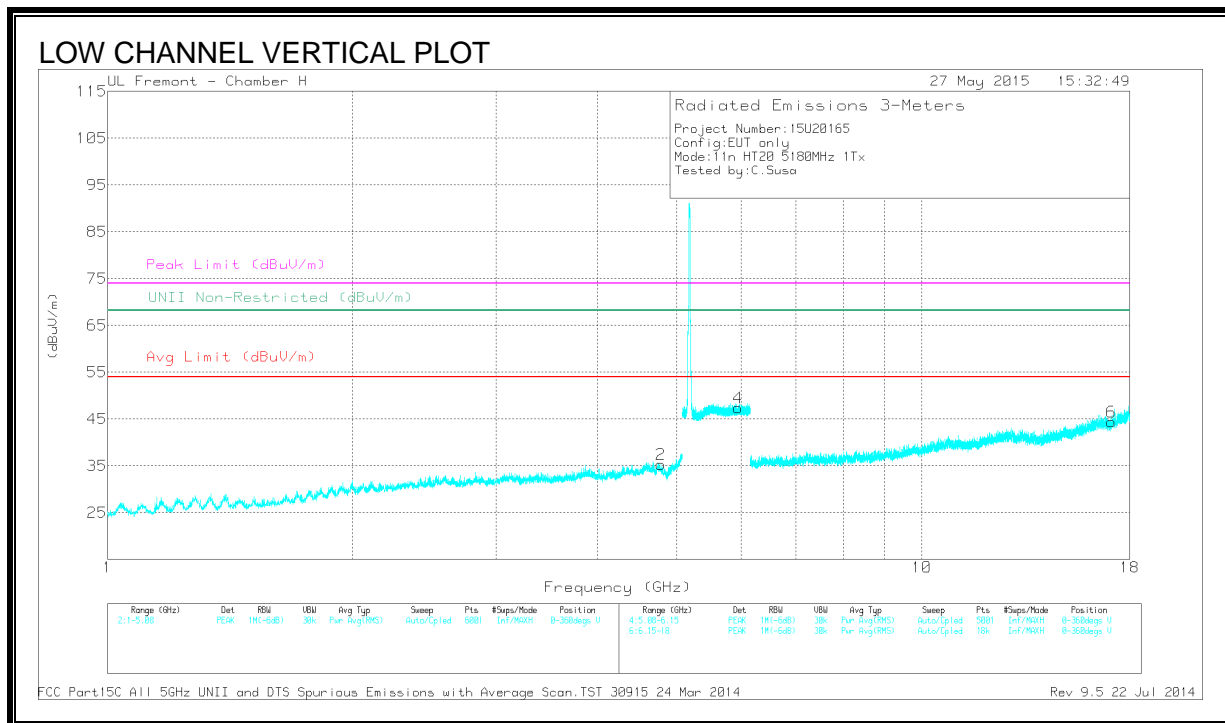
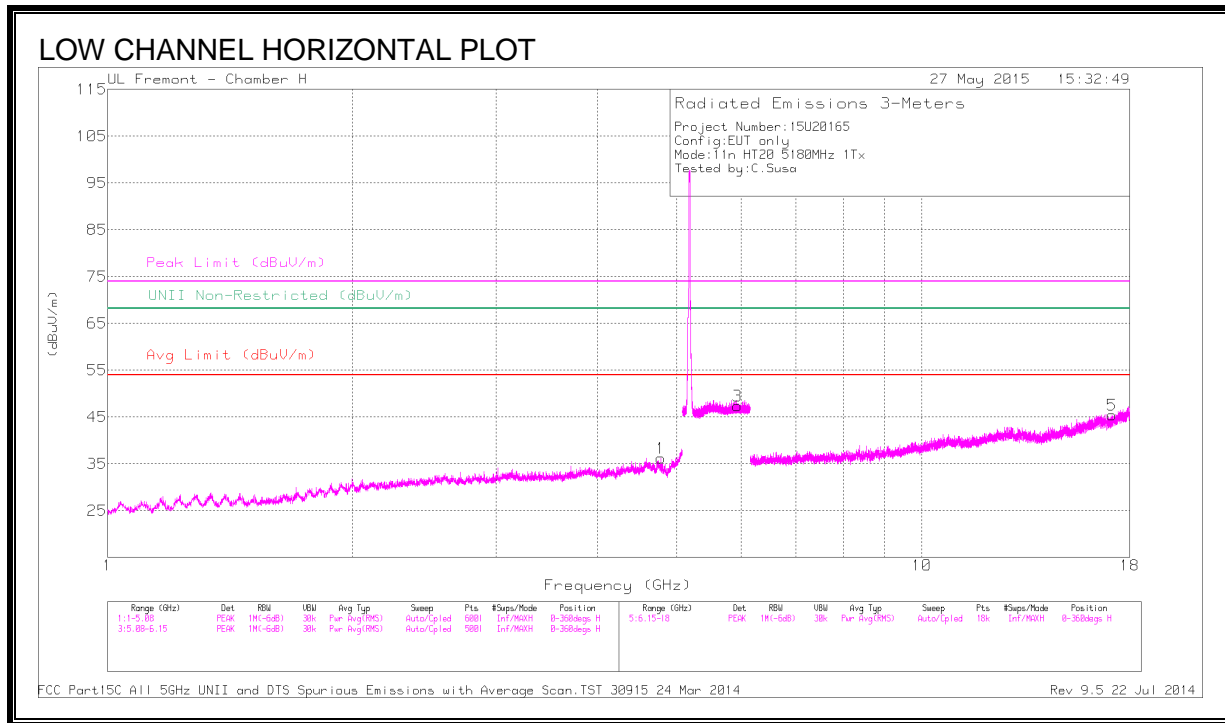
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.83	Pk	34.3	-18.5	57.63	-	-	74	-16.37	322	279	V
2	* 5.148	44.48	Pk	34.3	-18.5	60.28	-	-	74	-13.72	322	279	V
3	* 5.15	32.13	RMS	34.3	-18.5	47.93	54	-6.07	-	-	322	279	V
4	* 5.15	32.77	RMS	34.3	-18.5	48.57	54	-5.43	-	-	322	279	V

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

Pk - Peak detector

RMS - RMS detection

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

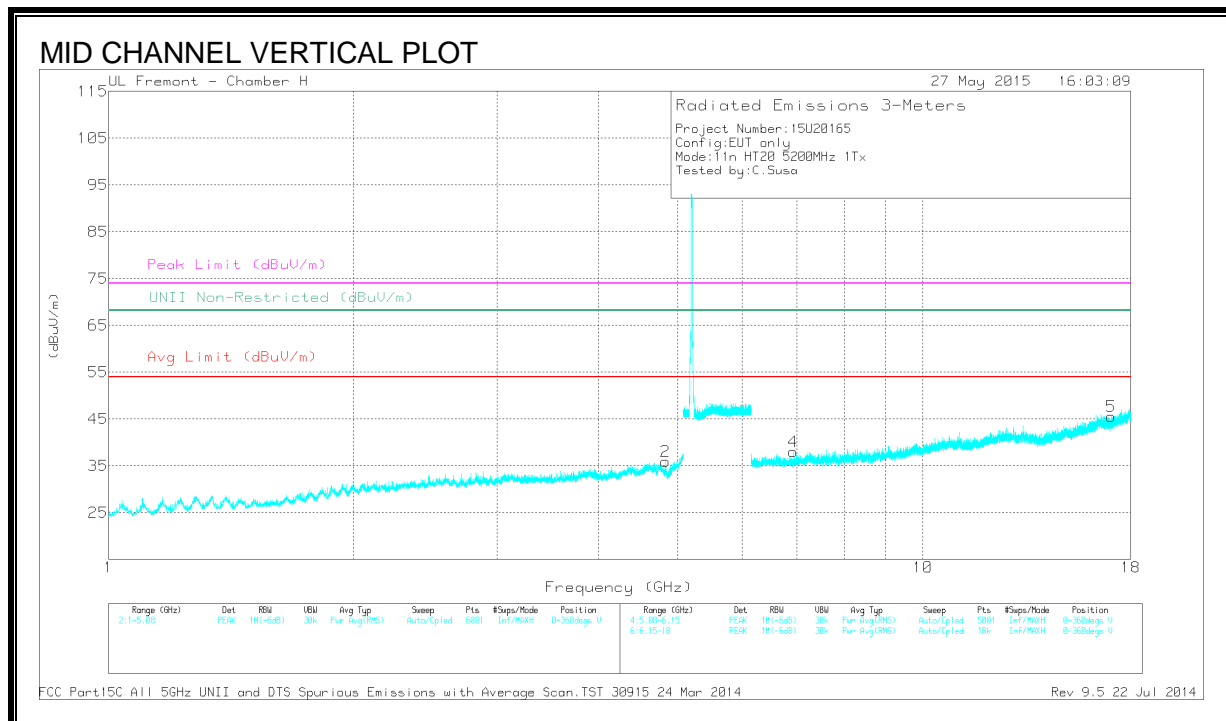
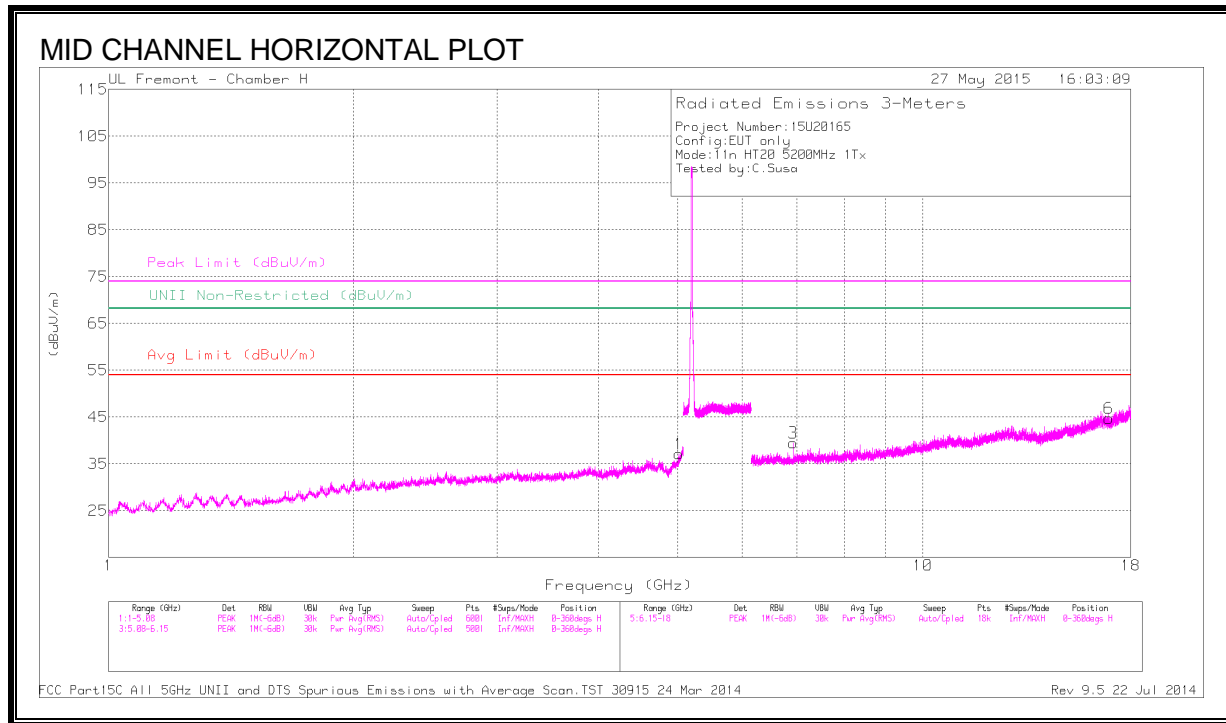
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.778	41.62	PK1	34.2	-31.9	43.92	-	-	74	-30.08	-	-	252	197	H
	* 4.776	29.95	AD1	34.2	-31.8	32.35	54	-21.65	-	-	-	-	252	197	H
2	* 4.776	40.76	PK1	34.2	-31.8	43.16	-	-	74	-30.84	-	-	224	253	V
	* 4.776	29.83	AD1	34.2	-31.8	32.23	54	-21.77	-	-	-	-	224	253	V
3	5.936	42.47	PK1	35.1	-22.2	55.37	-	-	-	-	68.2	-12.83	131	237	H
4	5.946	42.47	PK1	35.1	-22.1	55.47	-	-	-	-	68.2	-12.73	169	219	V
5	17.13	33.84	PK1	41.7	-23.3	52.24	-	-	-	-	68.2	-15.96	112	311	H
6	17.101	34.05	PK1	41.8	-23.4	52.45	-	-	-	-	68.2	-15.75	233	265	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

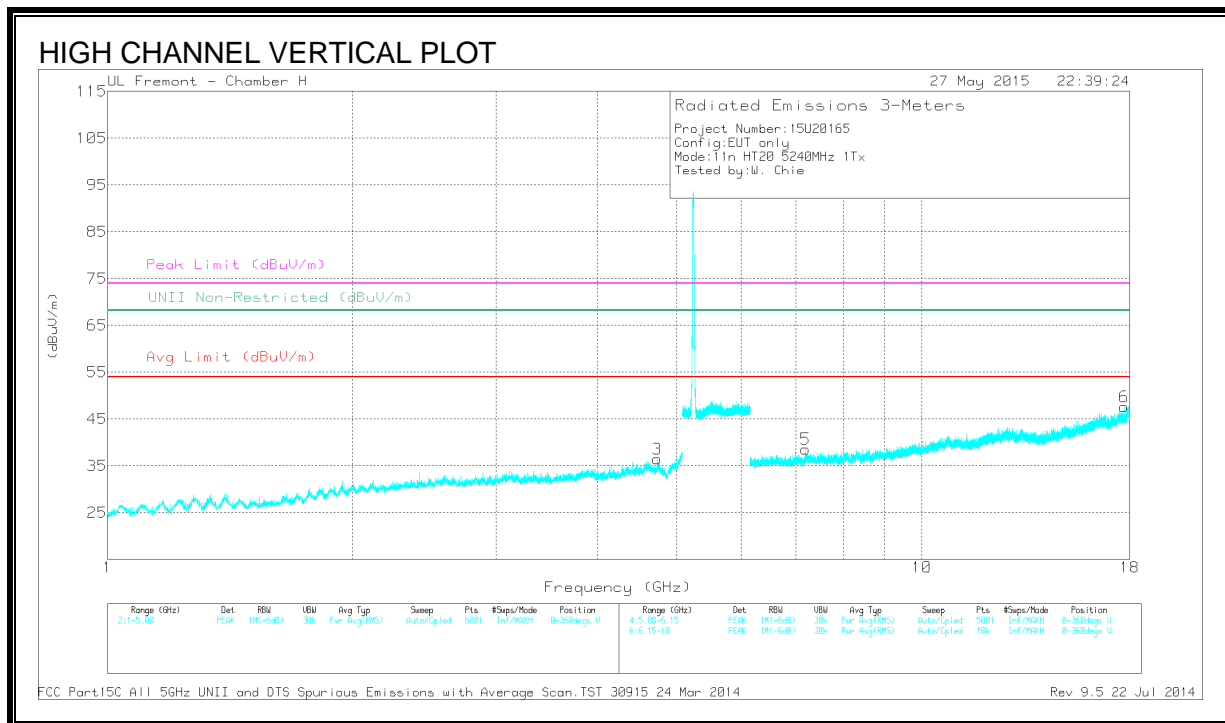
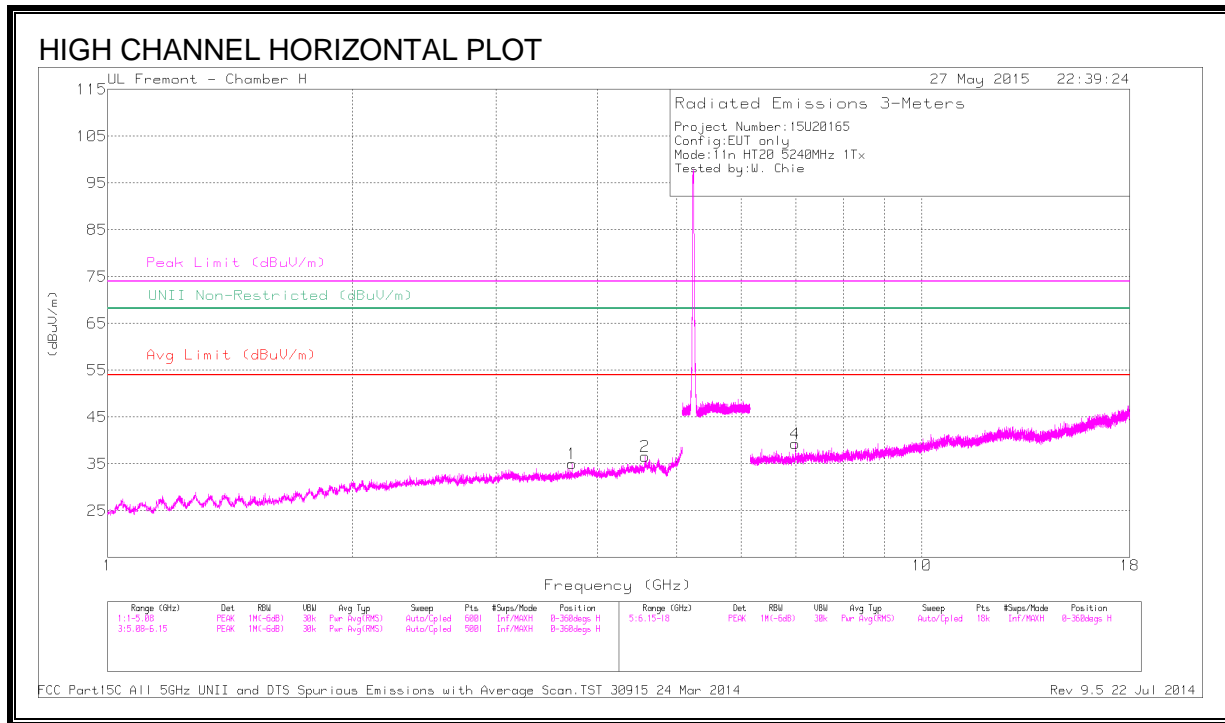
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Chl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.018	40.83	PK1	34.3	-31.2	43.93	-	-	74	-30.07	-	-	245	227	H
	* 5.019	30.05	AD1	34.3	-31.2	33.15	54	-20.85	-	-	-	-	245	227	H
2	* 4.83	40.46	PK1	34.2	-31.7	42.96	-	-	74	-31.04	-	-	165	245	V
	* 4.832	29.17	AD1	34.2	-31.7	31.67	54	-22.33	-	-	-	-	165	245	V
3	6.933	41.93	PK1	35.8	-30.7	47.03	-	-	-	-	68.2	-21.17	149	218	H
4	6.933	41.36	PK1	35.8	-30.7	46.46	-	-	-	-	68.2	-21.74	201	300	V
5	17.019	34.06	PK1	41.7	-23.9	51.86	-	-	-	-	68.2	-16.34	153	115	V
6	16.904	34.16	PK1	41.6	-23.5	52.26	-	-	-	-	68.2	-15.94	74	271	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/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
1	* 3.718	41.29	PK1	33.3	-32.6	0	41.99	-	-	74	-32.01	-	-	305	129	H
	* 3.719	29.91	AD1	33.3	-32.7	.04	30.55	54	-23.45	-	-	-	-	305	129	H
2	* 4.566	41.27	PK1	34	-31.7	0	43.57	-	-	74	-30.43	-	-	219	238	H
	* 4.569	29.54	AD1	34	-31.7	.04	31.88	54	-22.12	-	-	-	-	219	238	H
3	* 4.733	40.77	PK1	34.2	-31.5	0	43.47	-	-	74	-30.53	-	-	184	117	V
	* 4.734	29.49	AD1	34.2	-31.5	.04	32.23	54	-21.77	-	-	-	-	184	117	V
6	* 17.705	34.62	PK1	42	-22.5	0	54.12	-	-	74	-19.88	-	-	195	272	V
	* 17.706	23.24	AD1	42	-22.6	.04	42.68	54	-11.32	-	-	-	-	195	272	V
4	6.989	38.98	PK1	35.8	-29.9	0	44.88	-	-	-	-	68.2	-23.32	261	134	H
5	7.199	38.92	PK1	35.9	-29.6	0	45.22	-	-	-	-	68.2	-22.98	196	149	V

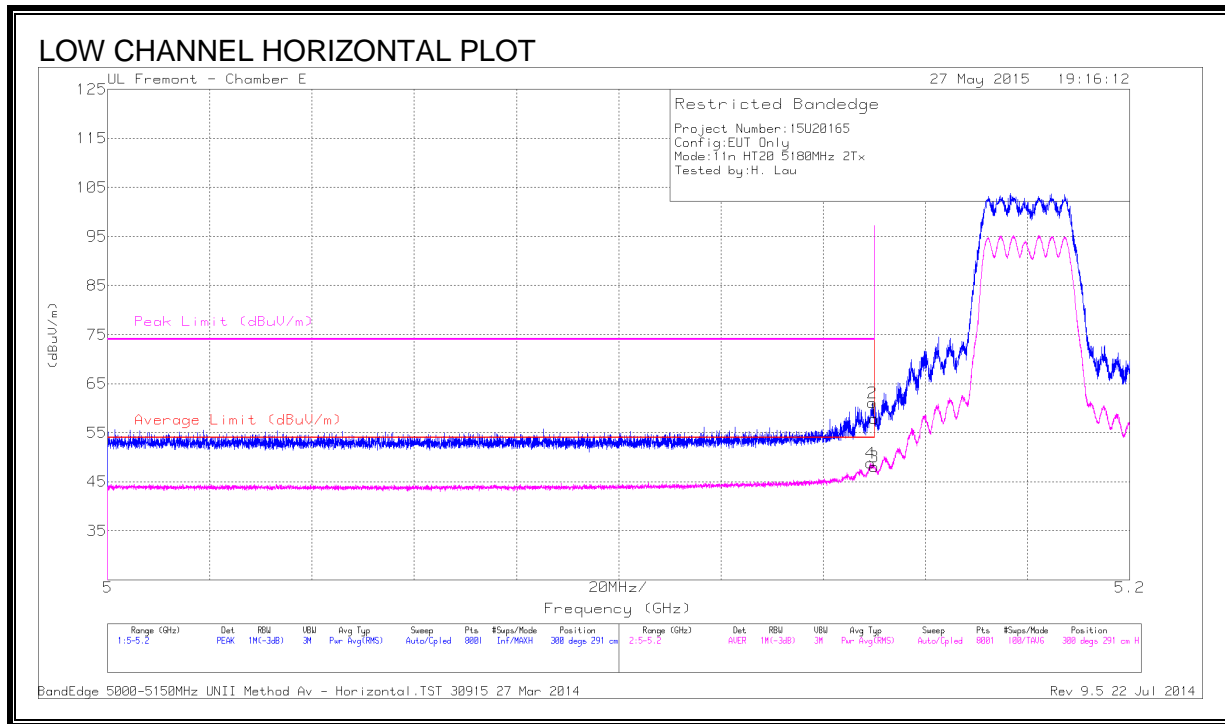
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

### 11.3. 802.11n HT20 2Tx CDD MODE IN THE 5.2 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)



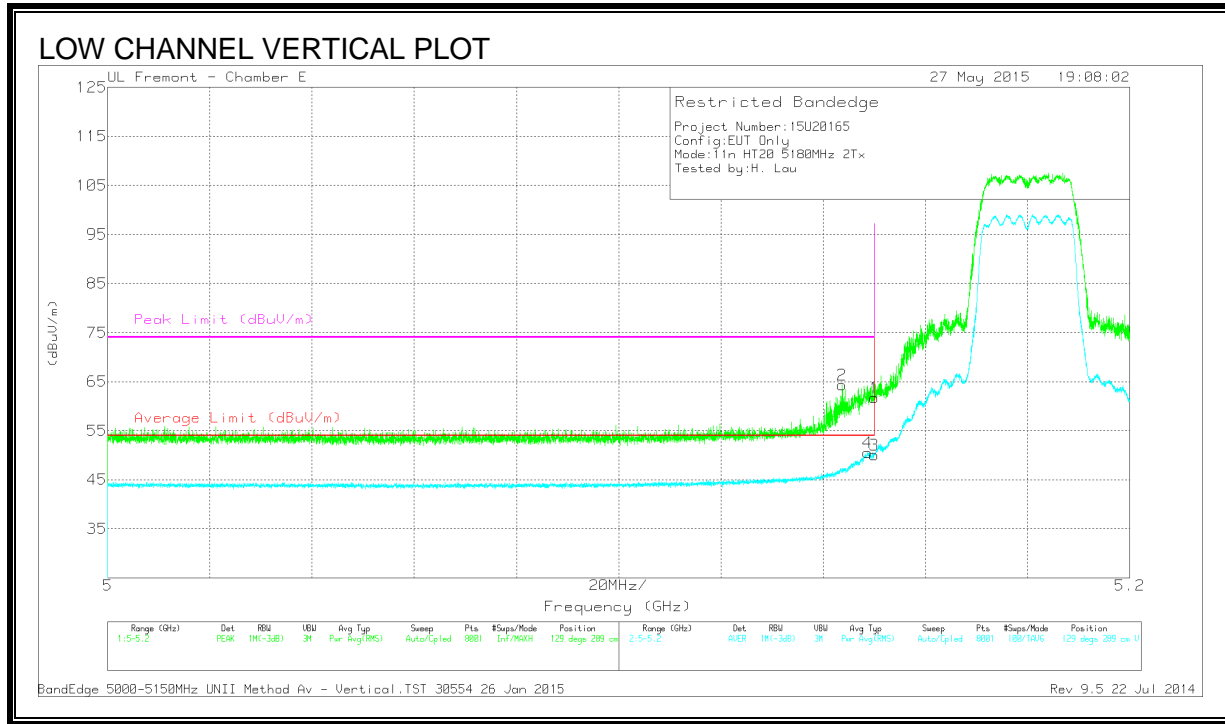
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.149	35.86	RMS	34.3	-21.4	48.76	54	-5.24	-	-	300	291	H
1	* 5.15	44.95	PK	34.3	-21.4	57.85	-	-	74	-16.15	300	291	H
2	* 5.15	48.16	PK	34.3	-21.4	61.06	-	-	74	-12.94	300	291	H
3	* 5.15	35.17	RMS	34.3	-21.4	48.07	54	-5.93	-	-	300	291	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection



**DATA**

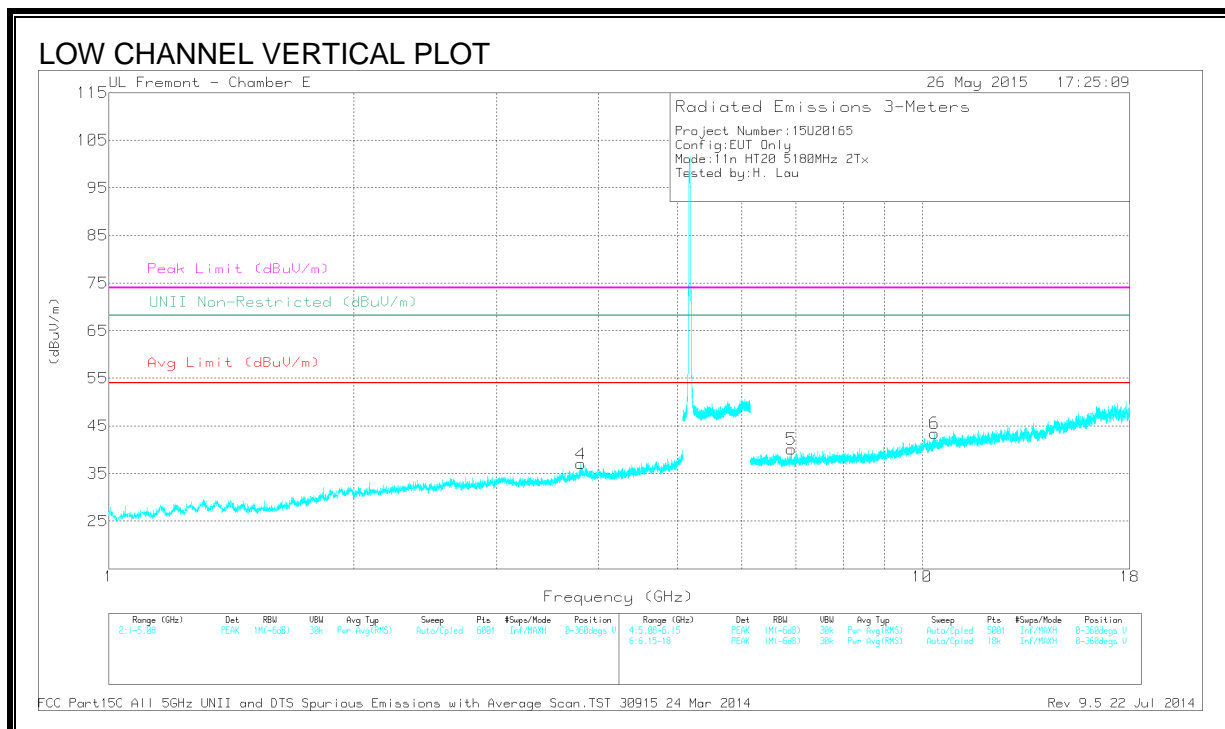
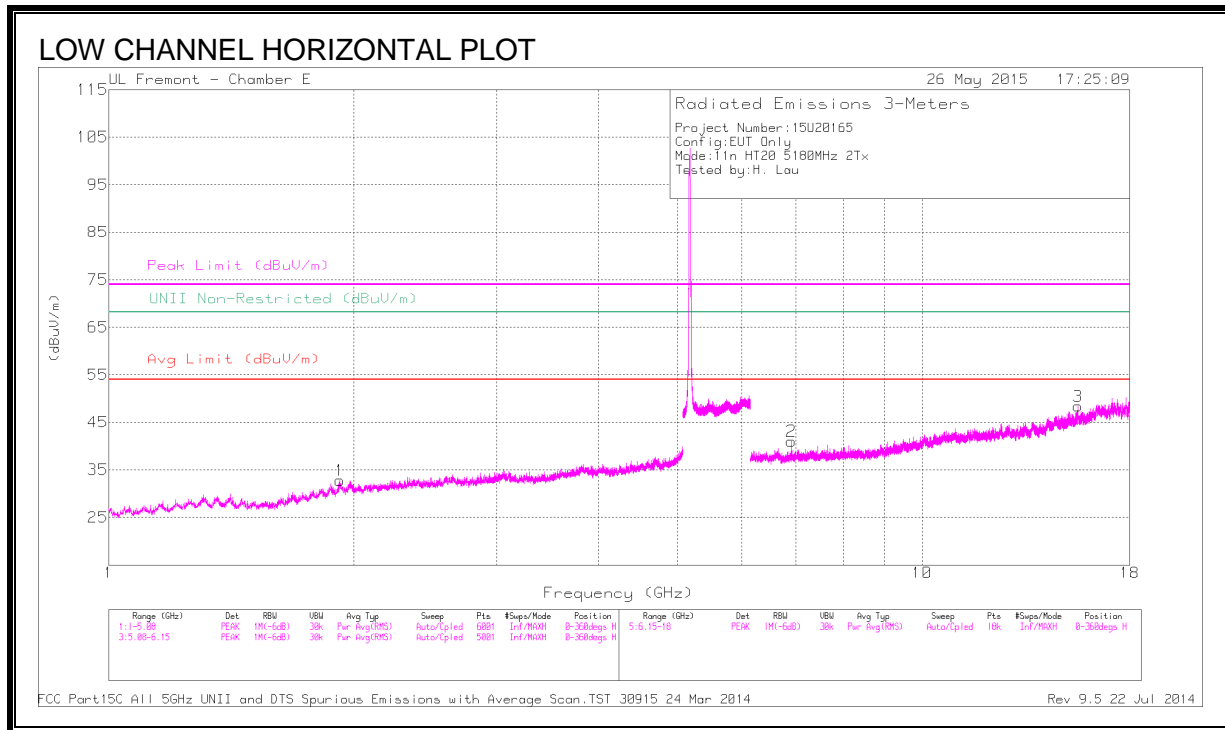
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.144	51.46	PK	34.3	-21.4	64.36	-	-	74	-9.64	129	289	V
4	* 5.149	37.64	RMS	34.3	-21.4	50.54	54	-3.46	-	-	129	289	V
1	* 5.15	48.84	PK	34.3	-21.4	61.74	-	-	74	-12.26	129	289	V
3	* 5.15	37.18	RMS	34.3	-21.4	50.08	54	-3.92	-	-	129	289	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector

RMS - RMS detection

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

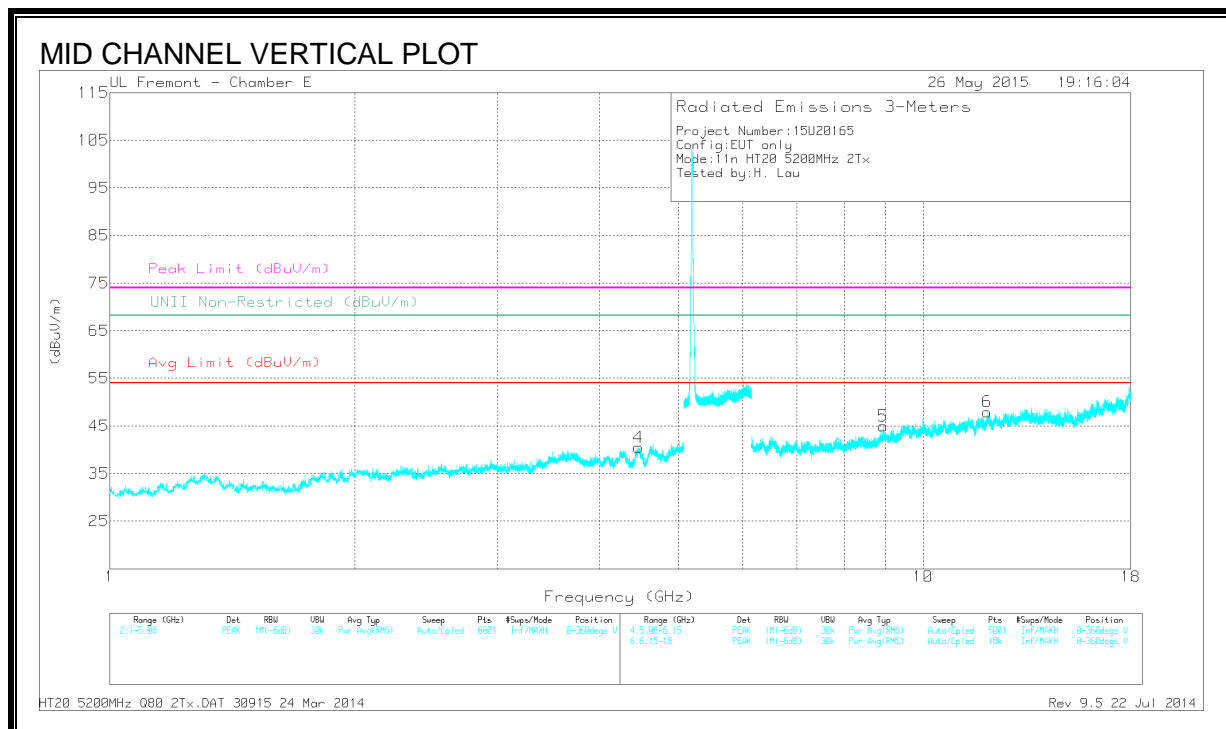
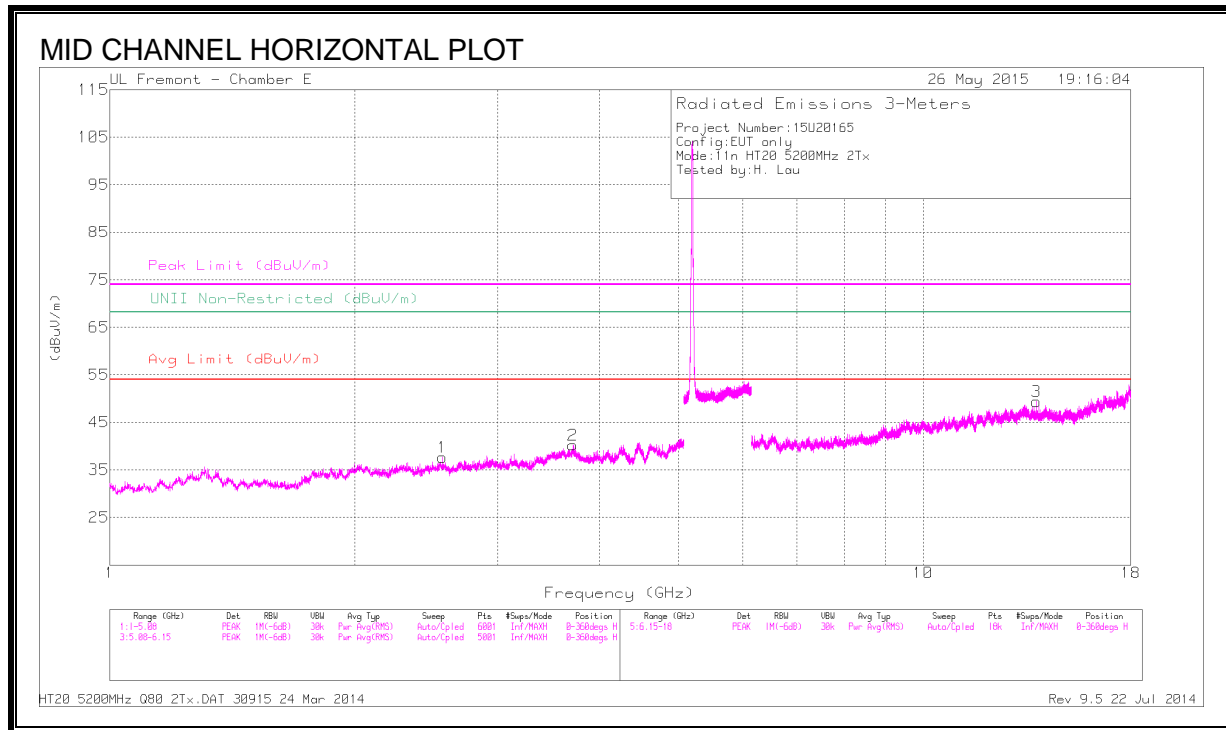
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.807	42.14	PK1	33.5	-31	44.64	-	-	74	-29.36	-	-	137	149	V
	* 3.807	30.07	AD1	33.5	-31	32.57	54	-21.43	-	-	-	-	137	149	V
3	* 15.55	38.62	PK1	40.3	-23.7	55.22	-	-	74	-18.78	-	-	30	231	H
	* 15.551	27.31	AD1	40.3	-23.7	43.91	54	-10.09	-	-	-	-	30	231	H
1	1.924	43.52	PK1	31	-34.1	40.42	-	-	-	-	68.2	-27.78	63	154	H
2	6.907	41.72	PK1	35.6	-28.8	48.52	-	-	-	-	68.2	-19.68	260	194	H
5	6.907	41.62	PK1	35.6	-28.8	48.42	-	-	-	-	68.2	-19.78	331	315	V
6	10.359	39.59	PK1	37.3	-24.9	51.99	-	-	-	-	68.2	-16.21	128	142	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

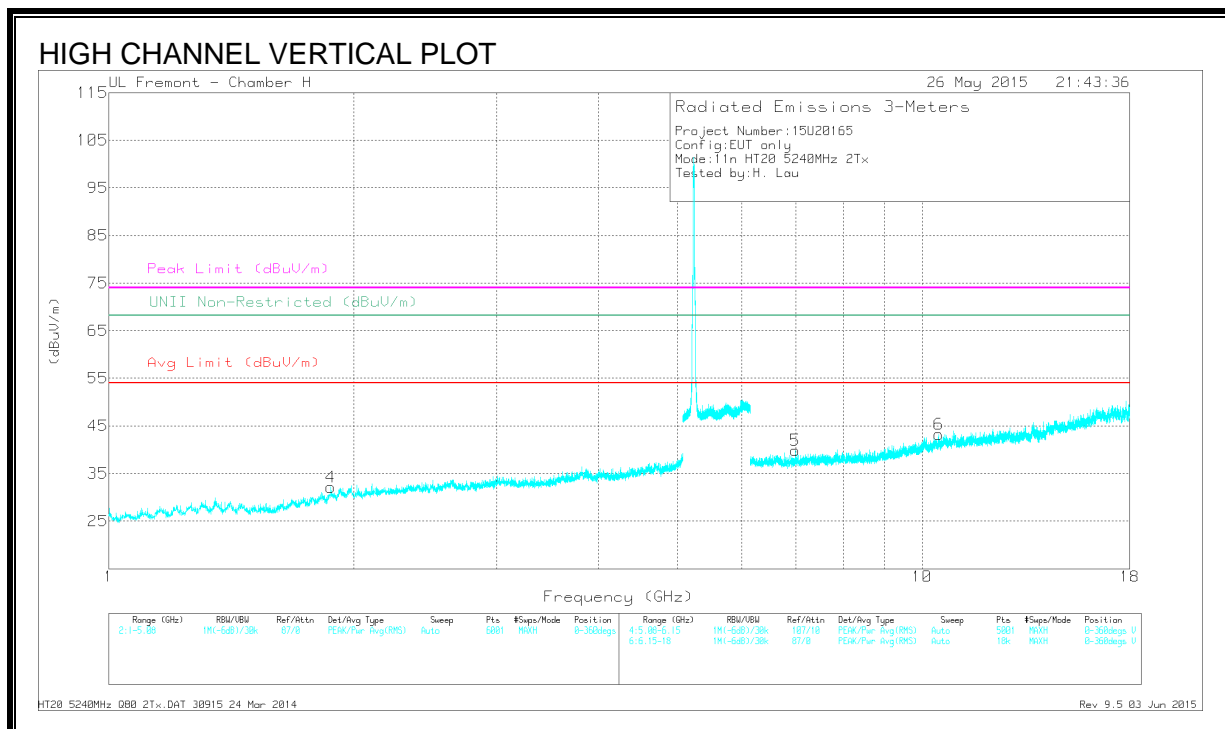
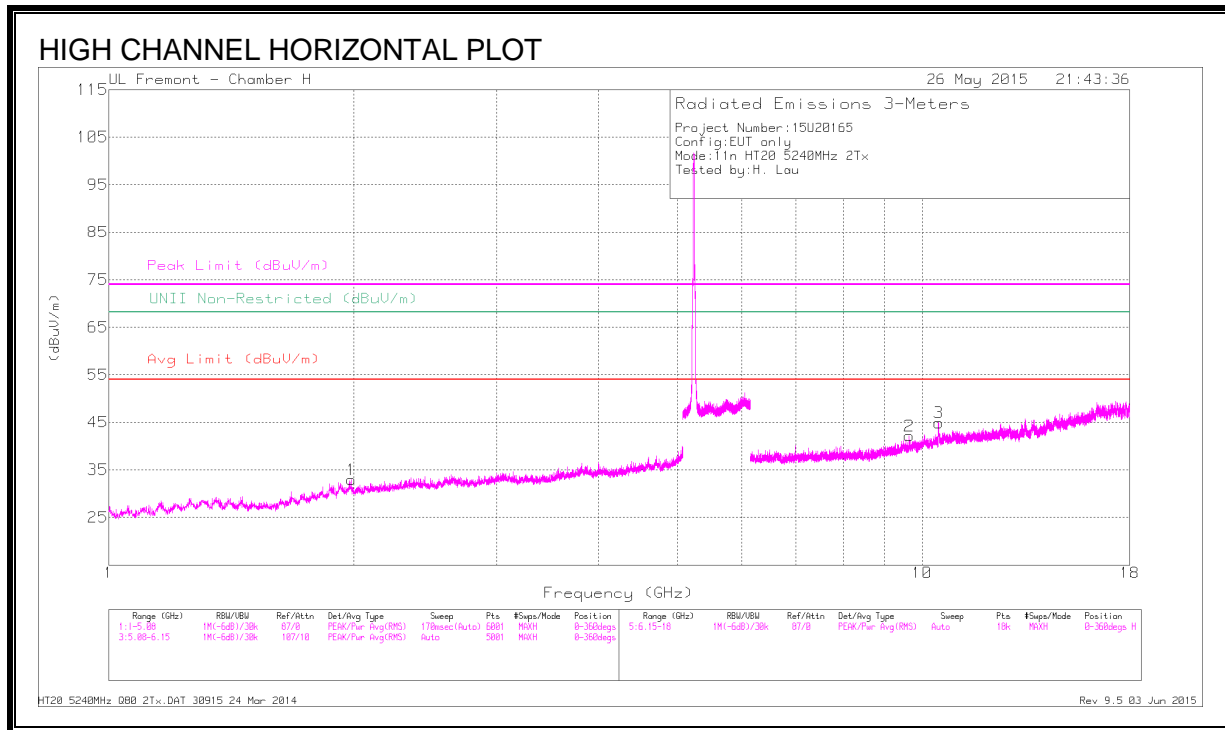
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.711	42.06	PK1	34.6	-28.9	47.76	-	-	74	-26.24	-	-	154	169	H
	* 3.711	30.16	AD1	34.6	-28.9	35.86	54	-18.14	-	-	-	-	154	169	H
6	* 11.981	37.97	PK1	39.1	-21.9	55.17	-	-	74	-18.83	-	-	229	181	V
	* 11.98	26.86	AD1	39.1	-22	43.96	54	-10.04	-	-	-	-	229	181	V
1	2.564	42.51	PK1	32.5	-30.1	44.91	-	-	-	-	68.2	-23.29	246	135	H
4	4.467	41.78	PK1	33.8	-26.9	48.68	-	-	-	-	68.2	-19.52	203	141	V
5	8.936	38.24	PK1	36.1	-22.5	51.84	-	-	-	-	68.2	-16.36	171	139	V
3	13.785	40.2	PK1	38.9	-22.6	56.5	-	-	-	-	68.2	-11.7	120	169	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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
4	1.876	43.98	PK1	30.7	-34.7	39.98	-	-	74	-34.02	68.2	-28.22	185	156	V
1	1.988	43.17	PK1	31.2	-34.2	40.17	-	-	74	-33.83	68.2	-28.03	293	124	H
5	6.987	41.22	PK1	35.6	-28.5	48.32	-	-	74	-25.68	68.2	-19.88	344	207	V
2	9.642	38.55	PK1	36.9	-25.8	49.65	-	-	74	-24.35	68.2	-18.55	124	130	H
3	10.481	37.93	PK1	37.5	-25.2	50.23	-	-	74	-23.77	68.2	-17.97	189	170	H
6	10.484	39.23	PK1	37.5	-25.2	51.53	-	-	74	-22.47	68.2	-16.67	138	155	V

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

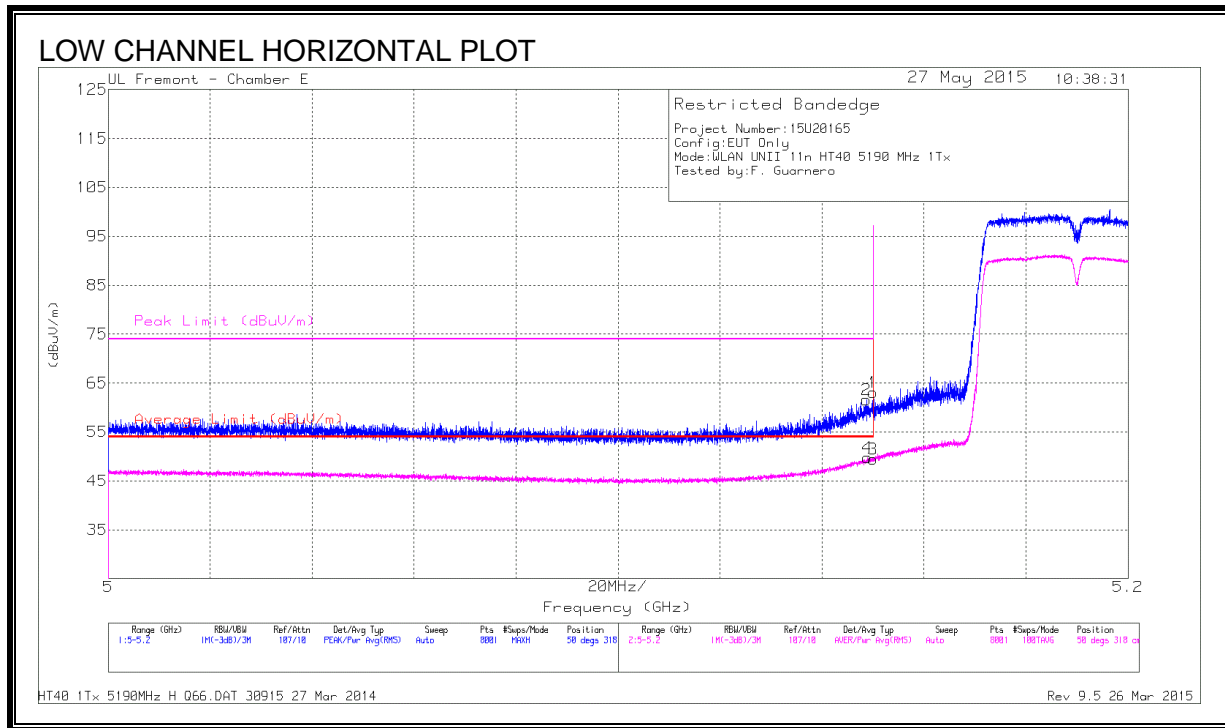
PK1 - KDB789033 Method: Peak

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### 11.4. 802.11n HT40 1Tx MODE IN THE 5.2 GHz BAND

#### RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



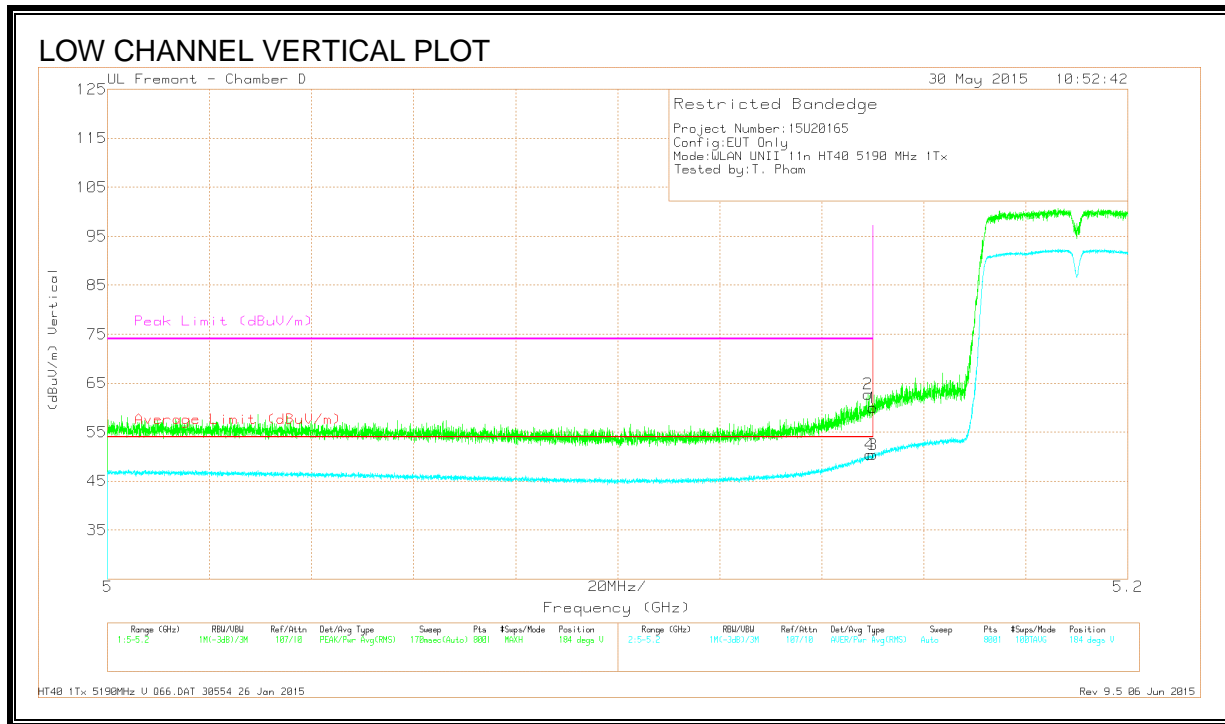
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	48.71	Pk	34.3	-21.4	61.61	-	-	74	-12.39	50	318	H
4	* 5.149	36.89	RMS	34.3	-21.4	49.79	54	-4.21	-	-	50	318	H
1	* 5.15	50.19	Pk	34.3	-21.4	63.09	-	-	74	-10.91	50	318	H
3	* 5.15	36.55	RMS	34.3	-21.4	49.45	54	-4.55	-	-	50	318	H

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

Pk - Peak detector

RMS - RMS detection



**DATA**

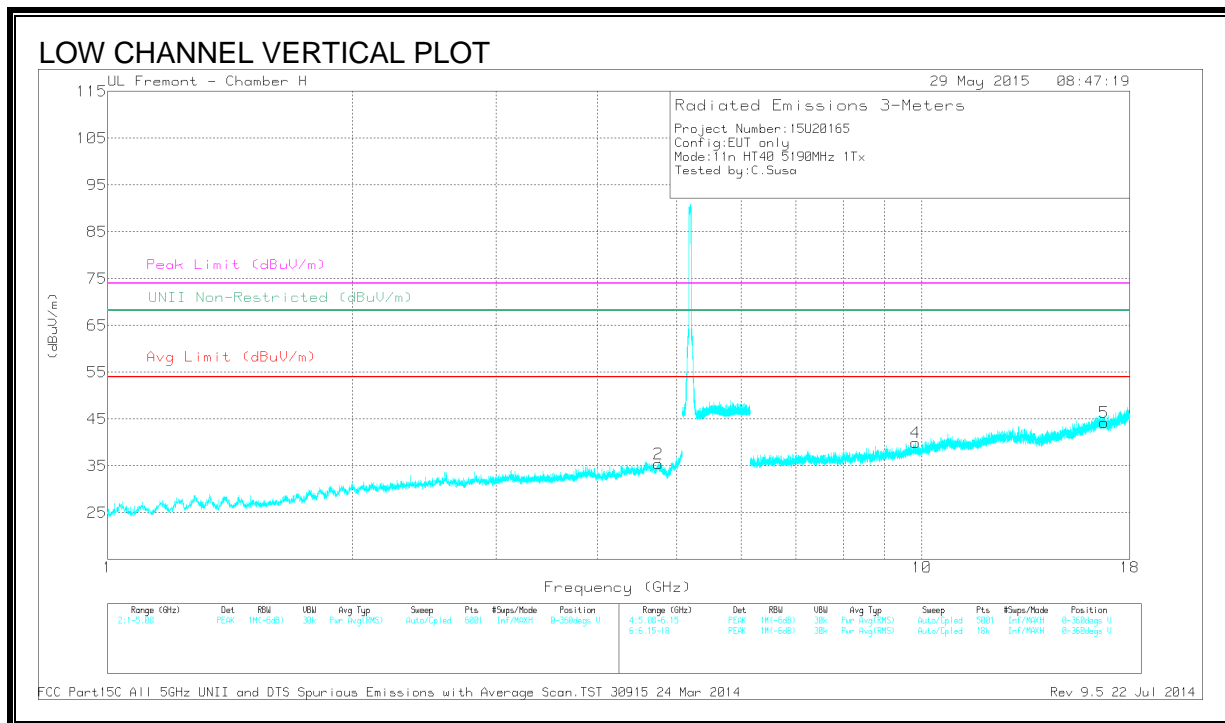
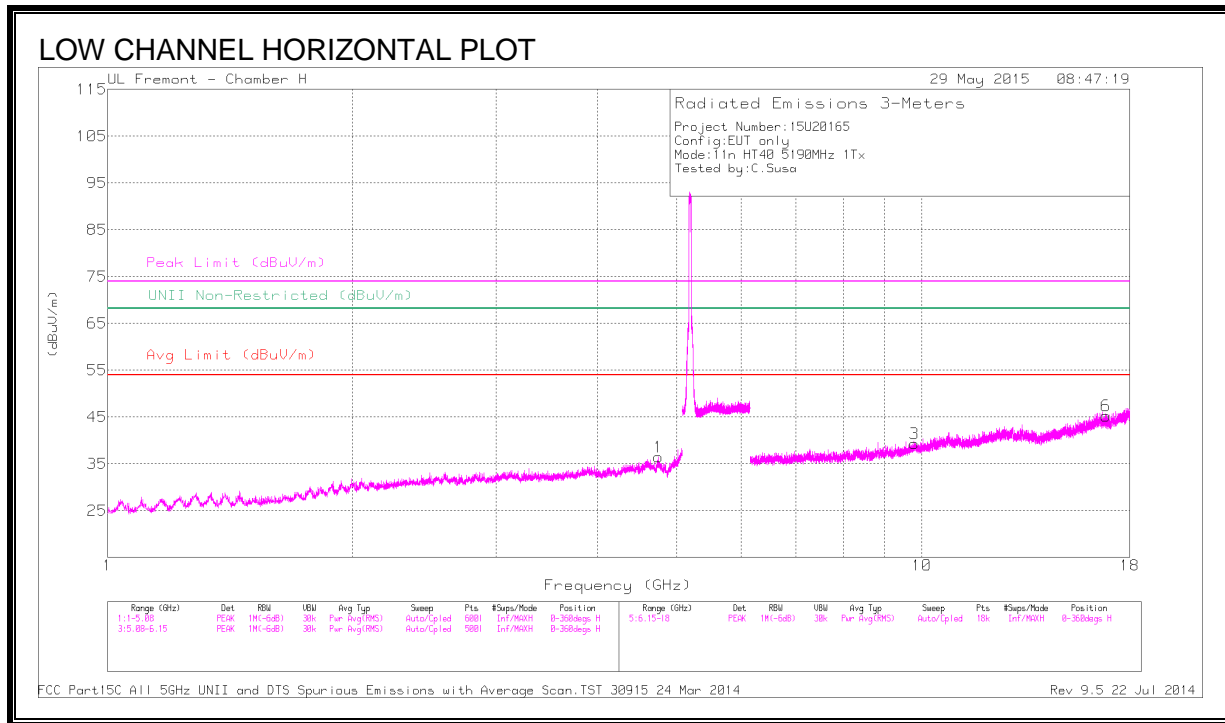
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	49.87	Pk	34.3	-21.4	62.77	-	-	74	-11.23	184	323	V
4	* 5.149	37.47	RMS	34.3	-21.4	50.37	54	-3.63	-	-	184	323	V
1	* 5.15	47.13	Pk	34.3	-21.4	60.03	-	-	74	-13.97	184	323	V
3	* 5.15	37.17	RMS	34.3	-21.4	50.07	54	-3.93	-	-	184	323	V

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

Pk - Peak detector

RMS - RMS detection

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**





**DATA**

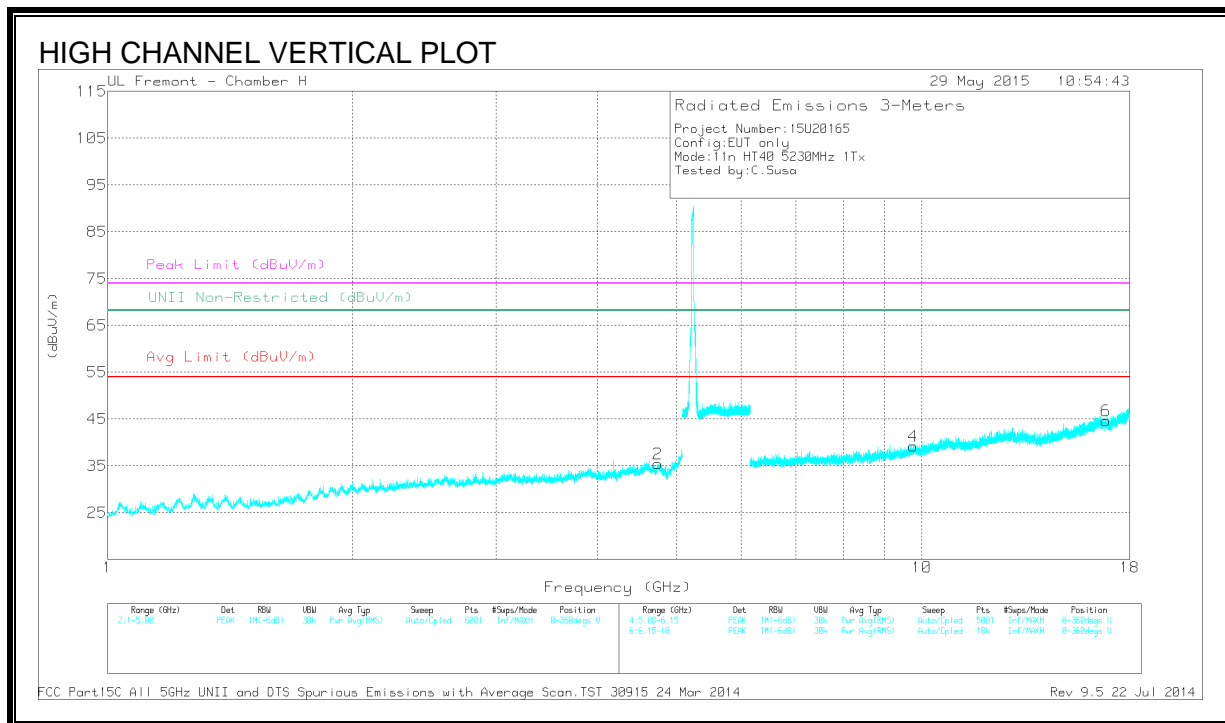
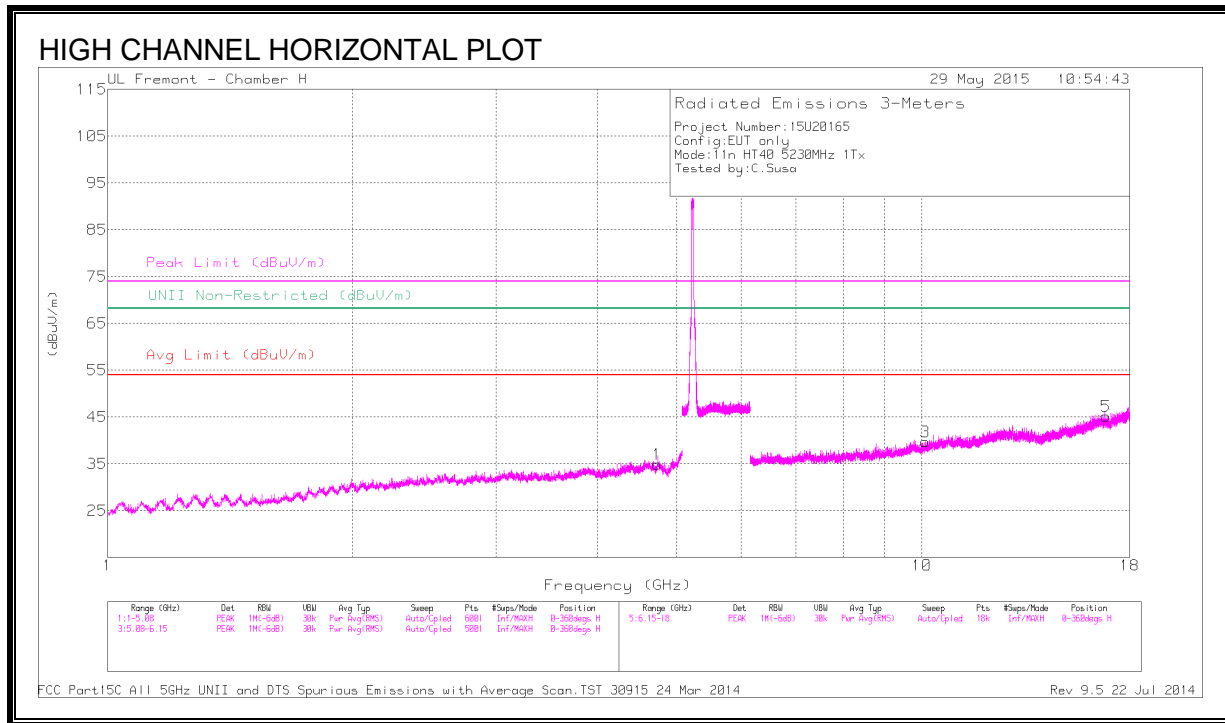
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.744	40.82	PK1	34.2	-31.7	43.32	-	-	74	-30.68	-	-	340	383	H
	* 4.744	29.48	AD1	34.2	-31.7	31.98	54	-22.02	-	-	-	-	340	383	H
2	* 4.746	40.46	PK1	34.2	-31.7	42.96	-	-	74	-31.04	-	-	351	215	V
	* 4.744	29.37	AD1	34.2	-31.7	31.87	54	-22.13	-	-	-	-	351	215	V
3	9.794	36.55	PK1	36.8	-26	47.35	-	-	-	-	68.2	-20.85	78	207	H
4	9.827	36.37	PK1	36.8	-26.3	46.87	-	-	-	-	68.2	-21.33	4	175	V
5	16.745	34.32	PK1	41.9	-24.1	52.12	-	-	-	-	68.2	-16.08	172	253	V
6	16.827	34.38	PK1	41.8	-23.5	52.68	-	-	-	-	68.2	-15.52	64	324	H

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

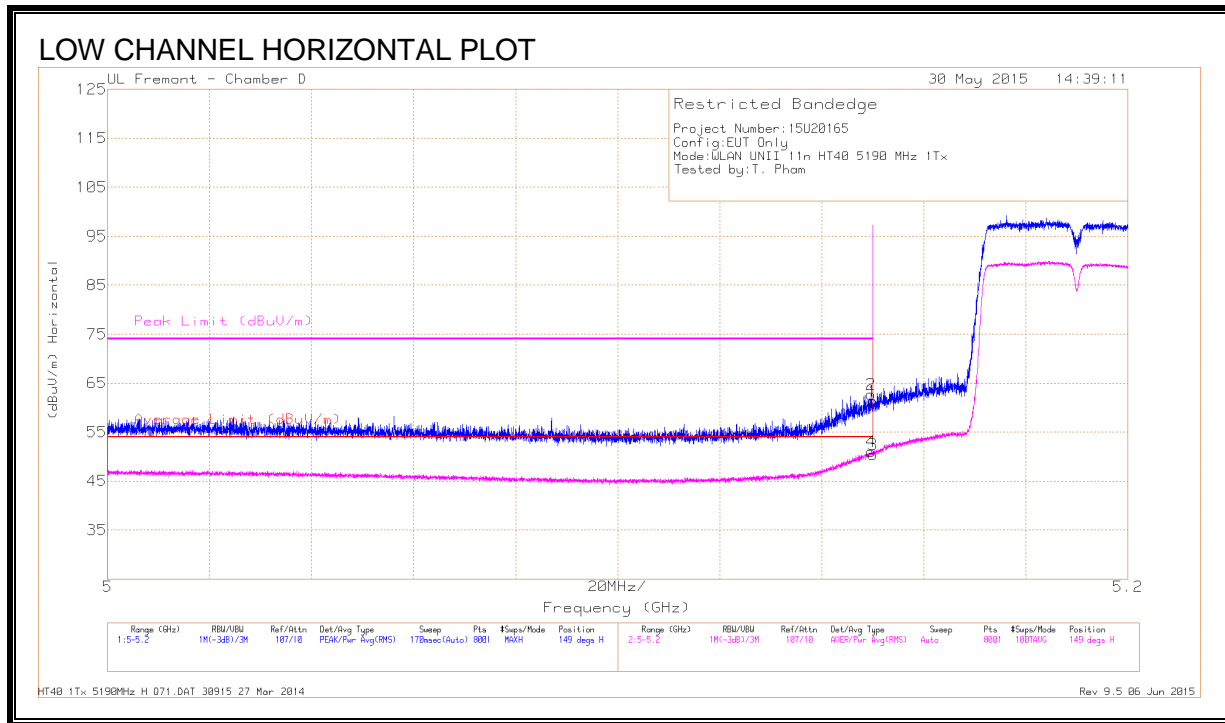
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Chl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.732	41.12	PK1	34.2	-31.5	43.82	-	-	74	-30.18	-	-	339	128	H
	* 4.735	28.96	AD1	34.2	-31.5	31.66	54	-22.34	-	-	-	-	339	128	H
2	* 4.743	40.5	PK1	34.2	-31.6	43.1	-	-	74	-30.9	-	-	139	299	V
	* 4.743	29.53	AD1	34.2	-31.6	32.13	54	-21.87	-	-	-	-	139	299	V
4	9.766	36.5	PK1	36.7	-26.4	46.8	-	-	-	-	68.2	-21.4	62	257	V
3	10.098	36.59	PK1	37	-25.9	47.69	-	-	-	-	68.2	-20.51	252	345	H
5	16.833	34.61	PK1	41.8	-23.5	52.91	-	-	-	-	68.2	-15.29	218	183	H
6	16.835	35.31	PK1	41.8	-23.5	53.61	-	-	-	-	68.2	-14.59	346	257	V

\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK1 - KDB789033 Method: Peak

AD1 - KDB789033 Method: AD Primary Power Average

**RESTRICTED BANDEGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.43	Pk	34.3	-21.4	61.33	-	-	74	-12.67	149	257	H
2	* 5.15	49.77	Pk	34.3	-21.4	62.67	-	-	74	-11.33	149	257	H
3	* 5.15	37.56	RMS	34.3	-21.4	50.46	54	-3.54	-	-	149	257	H
4	* 5.15	38.12	RMS	34.3	-21.4	51.02	54	-2.98	-	-	149	257	H

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

Pk - Peak detector

RMS - RMS detection