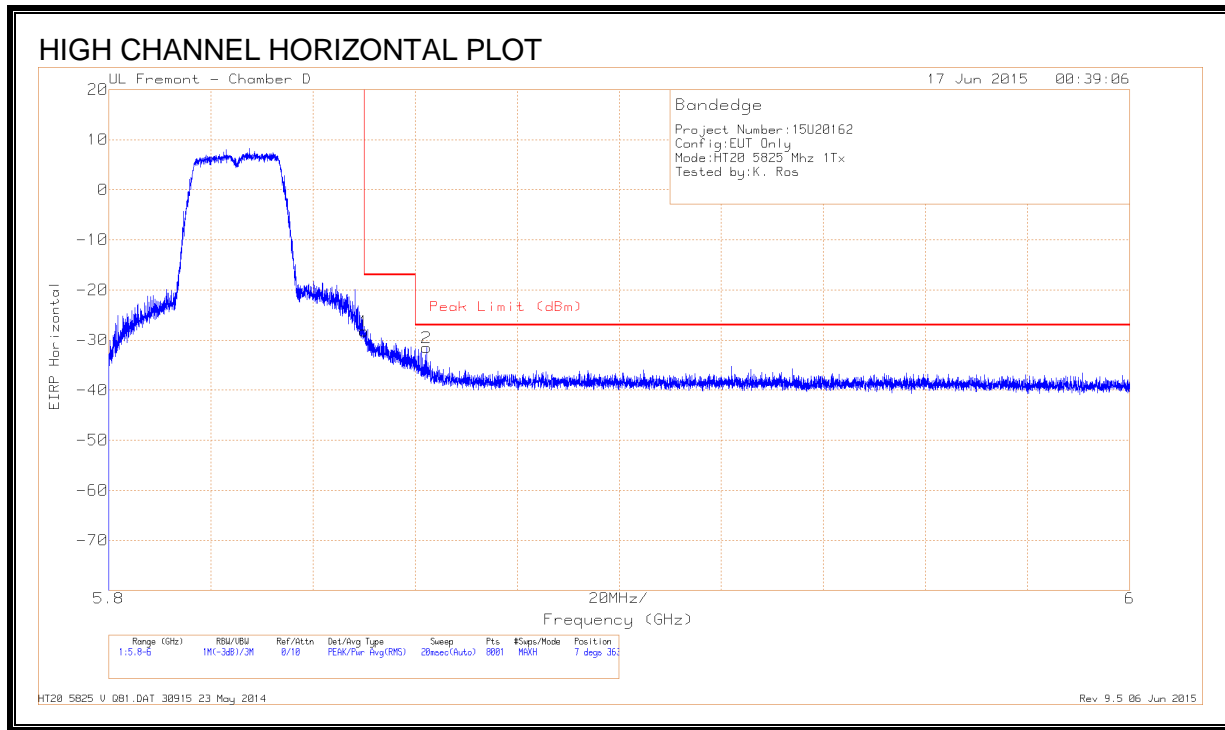


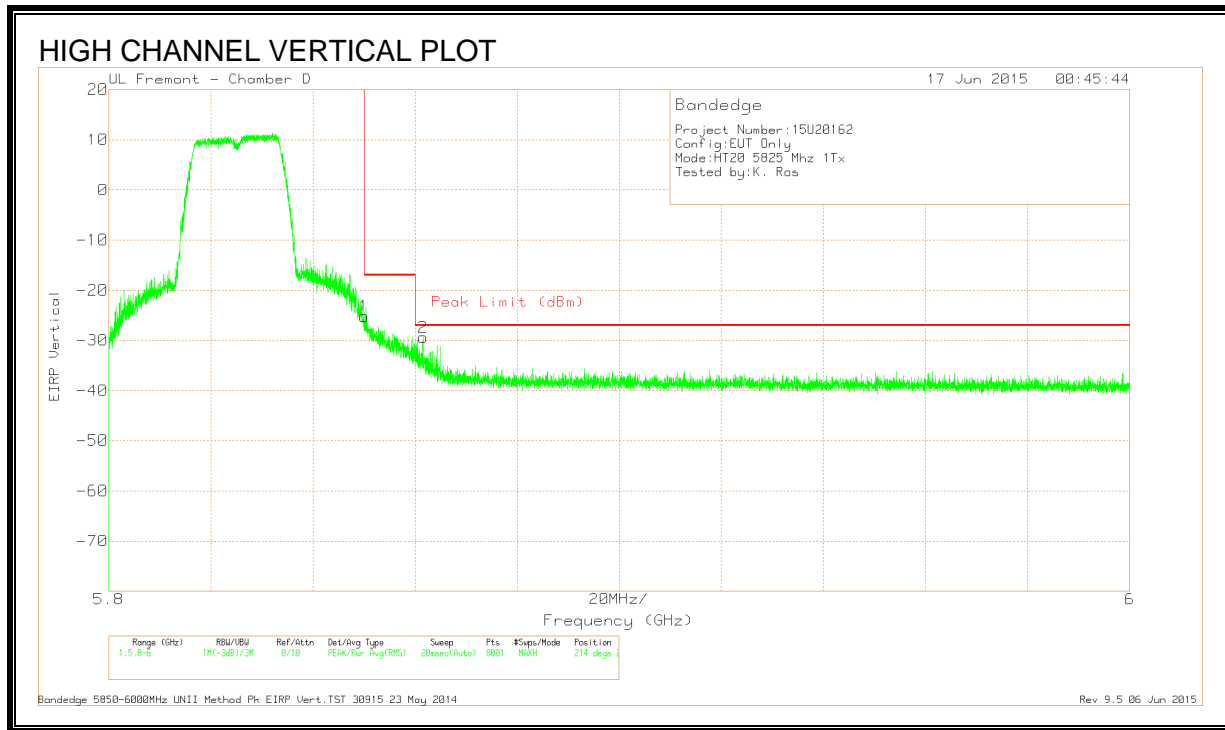
**RESTRICTED BANDEGE, CHAIN 0 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.25	Pk	34.9	-17.7	11.8	-28.25	-17	-11.25	7	363	H
2	5.862	-60.71	Pk	35	-17.6	11.8	-31.51	-27	-4.51	7	363	H

Pk - Peak detector

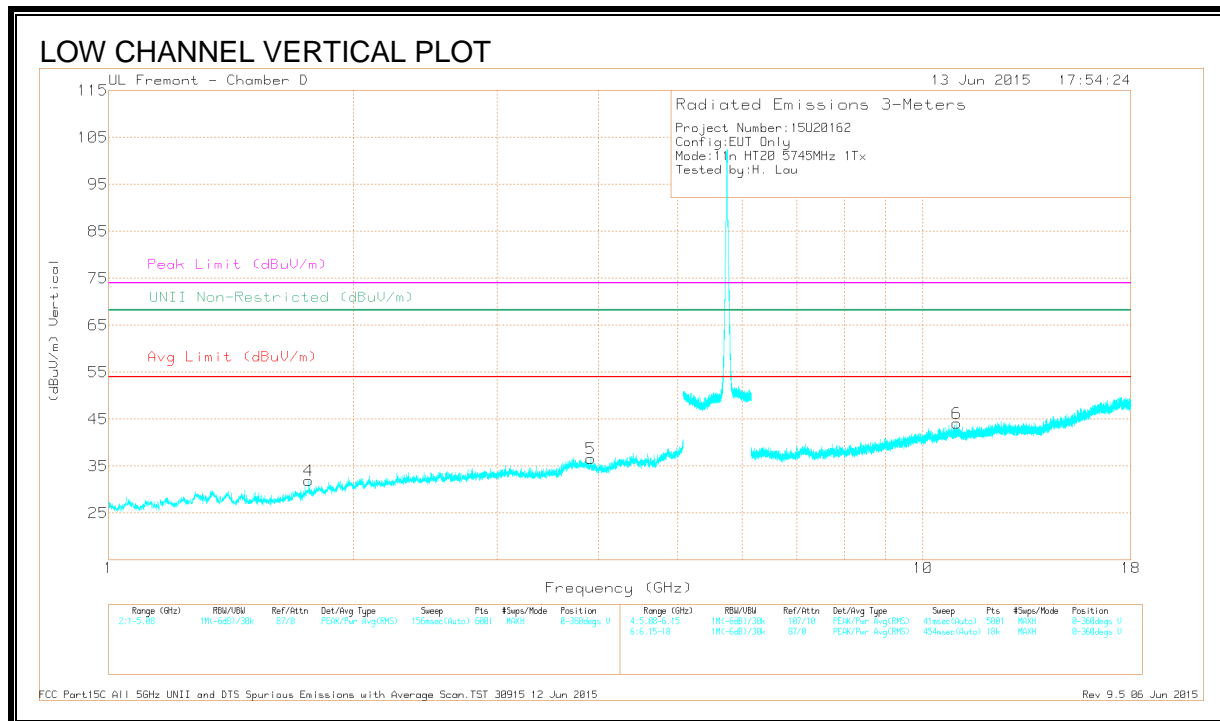
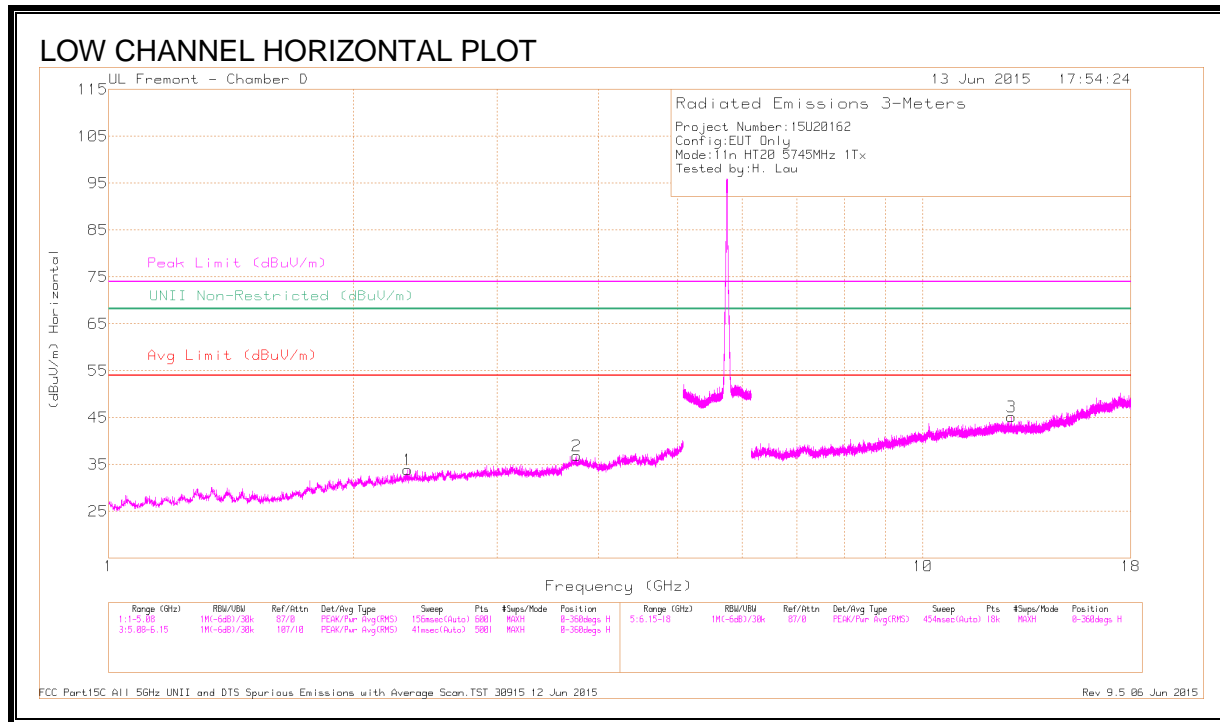


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.15	Pk	34.9	-17.7	11.8	-25.15	-17	-8.15	214	266	V
2	5.862	-58.58	Pk	35	-17.6	11.8	-29.38	-27	-2.38	214	266	V

Pk - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

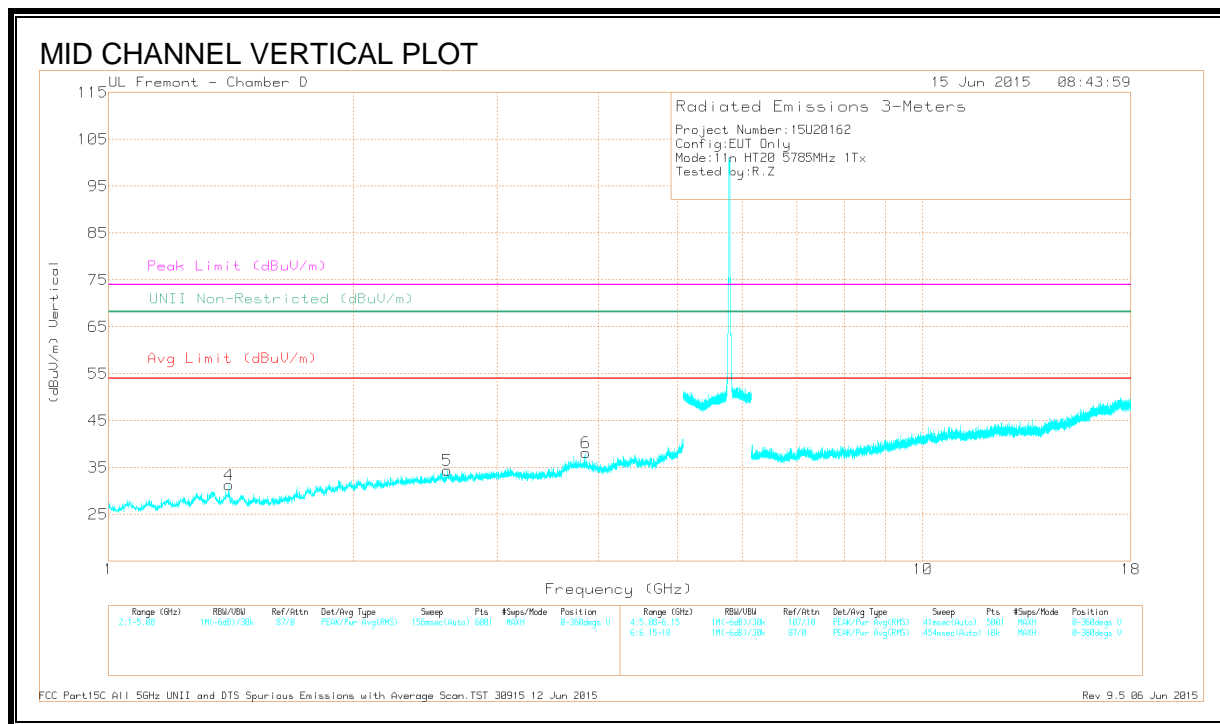
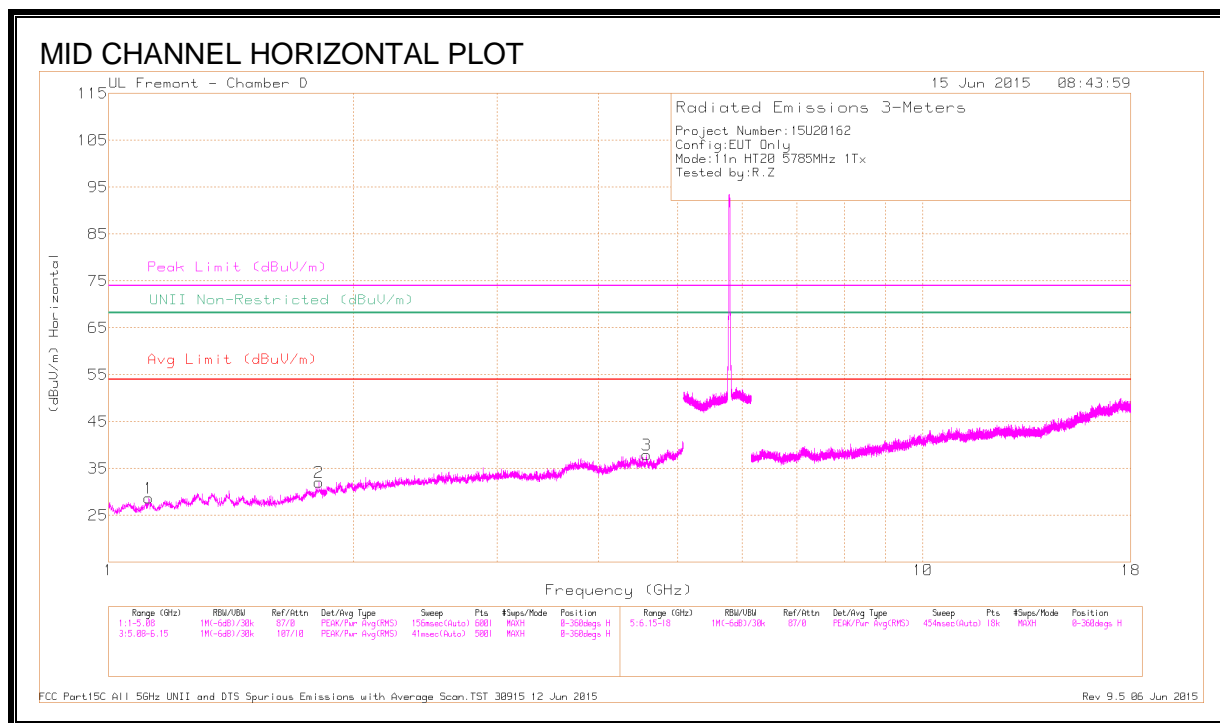
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.327	39.99	PK3	32	-30.6	41.39	-	-	74	-32.61	-	-	33	126	H
	* 2.329	28.1	ADR	32	-30.5	29.6	54	-24.4	-	-	-	-	33	126	H
2	* 3.757	39.43	PK3	33.3	-29	43.73	-	-	74	-30.27	-	-	106	156	H
	* 3.758	27.4	ADR	33.3	-28.9	31.8	54	-22.2	-	-	-	-	106	156	H
3	12.846	35.3	PK3	39.2	-22.4	52.1	-	-	-	-	68.2	-16.1	260	126	H
4	1.761	40.32	PK3	29.6	-31.1	38.82	-	-	-	-	68.2	-29.38	168	185	V
5	* 3.909	39.59	PK3	33.4	-28.8	44.19	-	-	74	-29.81	-	-	212	158	V
	* 3.91	27.61	ADR	33.4	-28.8	32.21	54	-21.79	-	-	-	-	212	158	V
6	* 11.005	35.47	PK3	38.1	-21.6	51.97	-	-	74	-22.03	-	-	183	154	V
	* 11.004	23.27	ADR	38.1	-21.6	39.77	54	-14.23	-	-	-	-	183	154	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

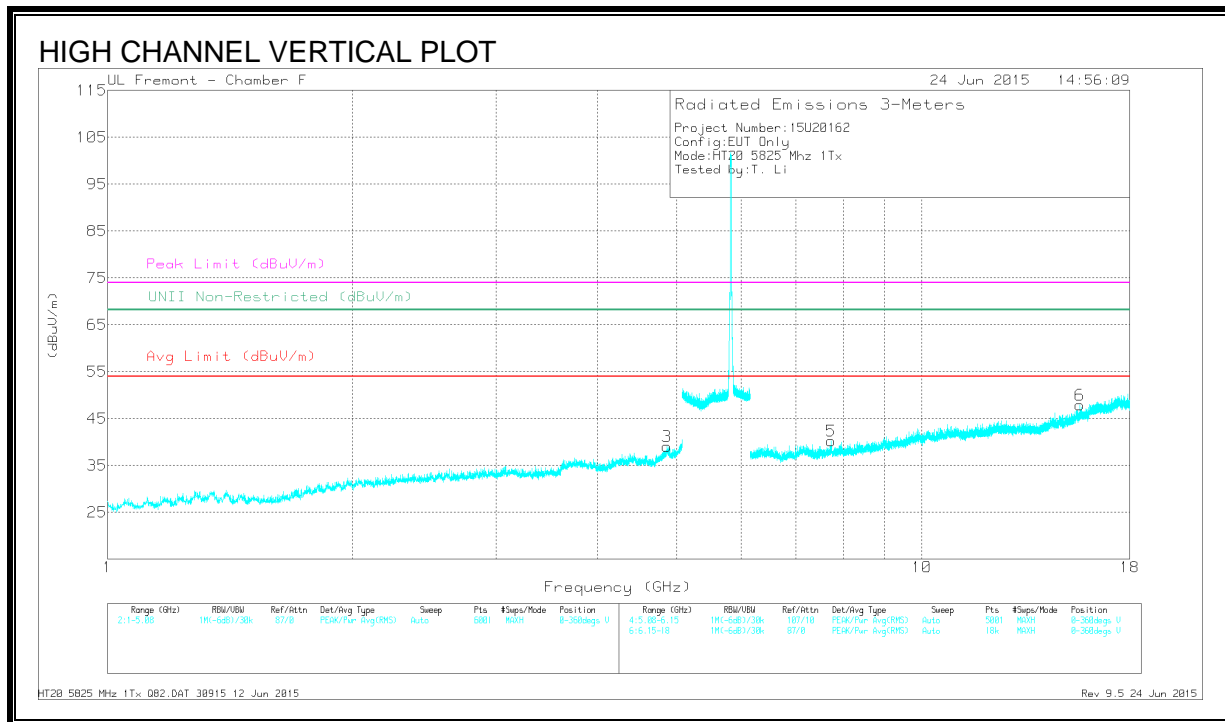
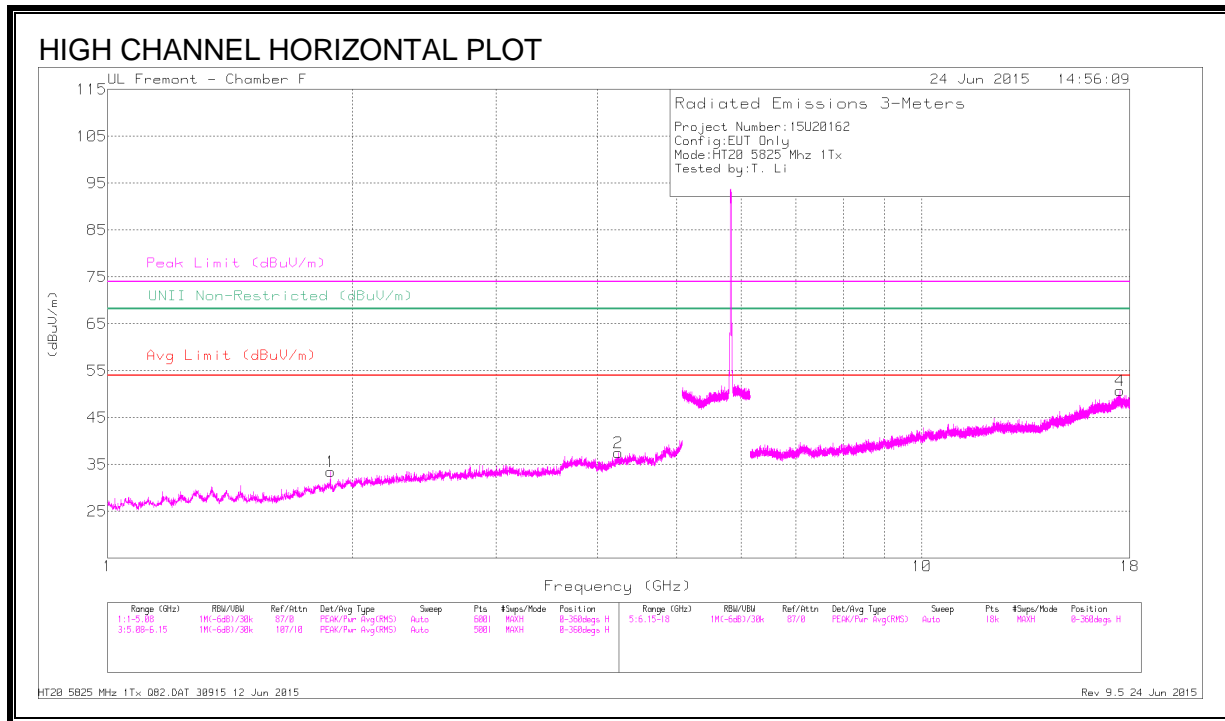
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.119	41.21	PK3	27.4	-32.1	36.51	-	-	74	-37.49	-	-	153	101	H
	* 1.12	29.72	ADR	27.4	-32.1	25.02	54	-28.98	-	-	-	-	153	101	H
2	1.812	40.89	PK3	30.2	-31.2	39.89	-	-	-	-	68.2	-28.31	325	101	H
3	* 3.857	39.36	PK3	33.4	-29	43.76	-	-	74	-30.24	-	-	98	103	V
	* 3.857	28.57	ADR	33.4	-29	32.97	54	-21.03	-	-	-	-	98	103	V
4	* 4.579	38.34	PK3	34.1	-27.3	45.14	-	-	74	-28.86	-	-	45	200	H
	* 4.577	27.01	ADR	34.1	-27.3	33.81	54	-20.19	-	-	-	-	45	200	H
5	2.605	39.4	PK3	32.4	-29.9	41.9	-	-	-	-	68.2	-26.3	92	200	V
6	* 1.406	40.8	PK3	28.6	-31.4	38	-	-	74	-36	-	-	282	103	V
	* 1.403	29.31	ADR	28.6	-31.4	26.51	54	-27.49	-	-	-	-	282	103	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 T344 (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	1.88	40.7	PK-U	30.6	-31.4	39.9	-	-	-	-	68.2	-28.3	236	141	H
2	* 4.24	37.53	PK-U	33.5	-27.7	43.33	-	-	74	-30.67	-	-	185	245	H
	* 4.24	26.34	ADR	33.5	-27.7	32.14	54	-21.86	-	-	-	-	185	245	H
3	* 4.862	38.25	PK-U	34.1	-25.4	46.95	-	-	74	-27.05	-	-	157	118	V
	* 4.863	27.29	ADR	34.1	-25.4	35.99	54	-18.01	-	-	-	-	157	118	V
4	17.495	35.1	PK-U	41.5	-17.9	58.7	-	-	-	-	68.2	-9.5	98	138	H
5	* 7.74	36.92	PK-U	35.6	-24.3	48.22	-	-	74	-25.78	-	-	121	202	V
	* 7.738	25.94	ADR	35.6	-24.2	37.34	54	-16.66	-	-	-	-	121	202	V
6	* 15.627	35.15	PK-U	40.8	-21	54.95	-	-	74	-19.05	-	-	133	113	V
	* 15.628	24.38	ADR	40.8	-21	44.18	54	-9.82	-	-	-	-	133	113	V

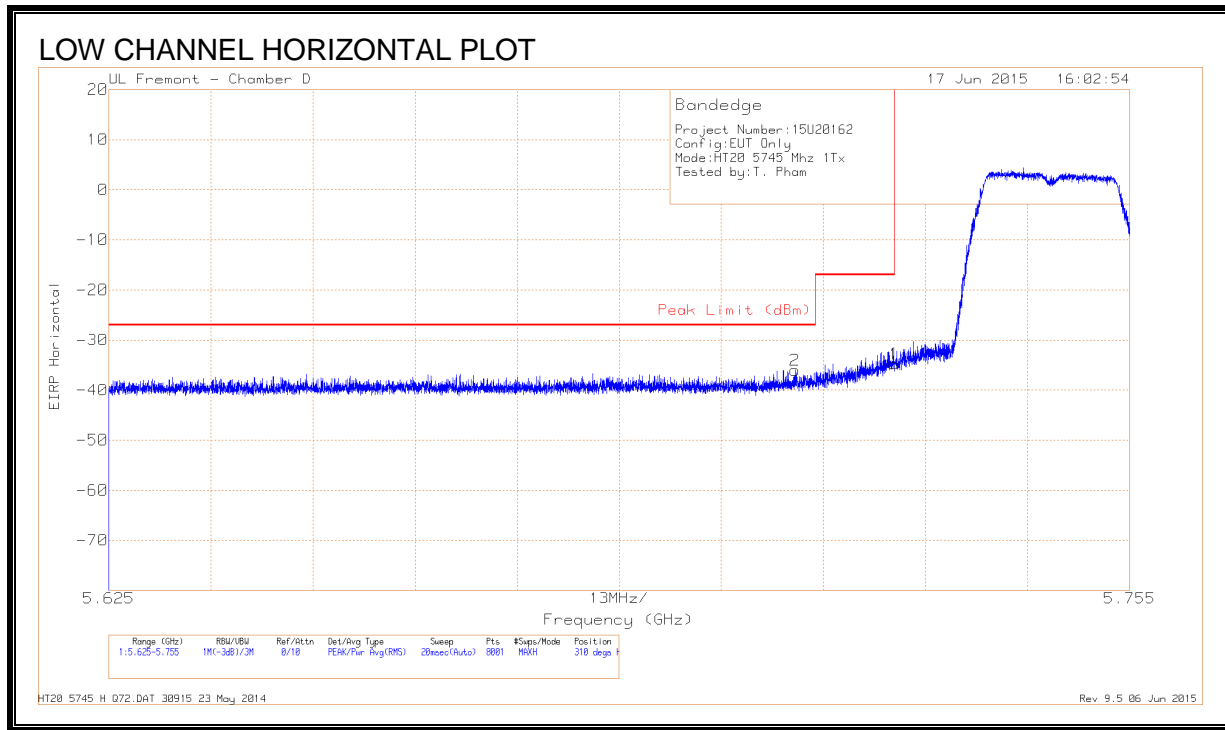
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



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

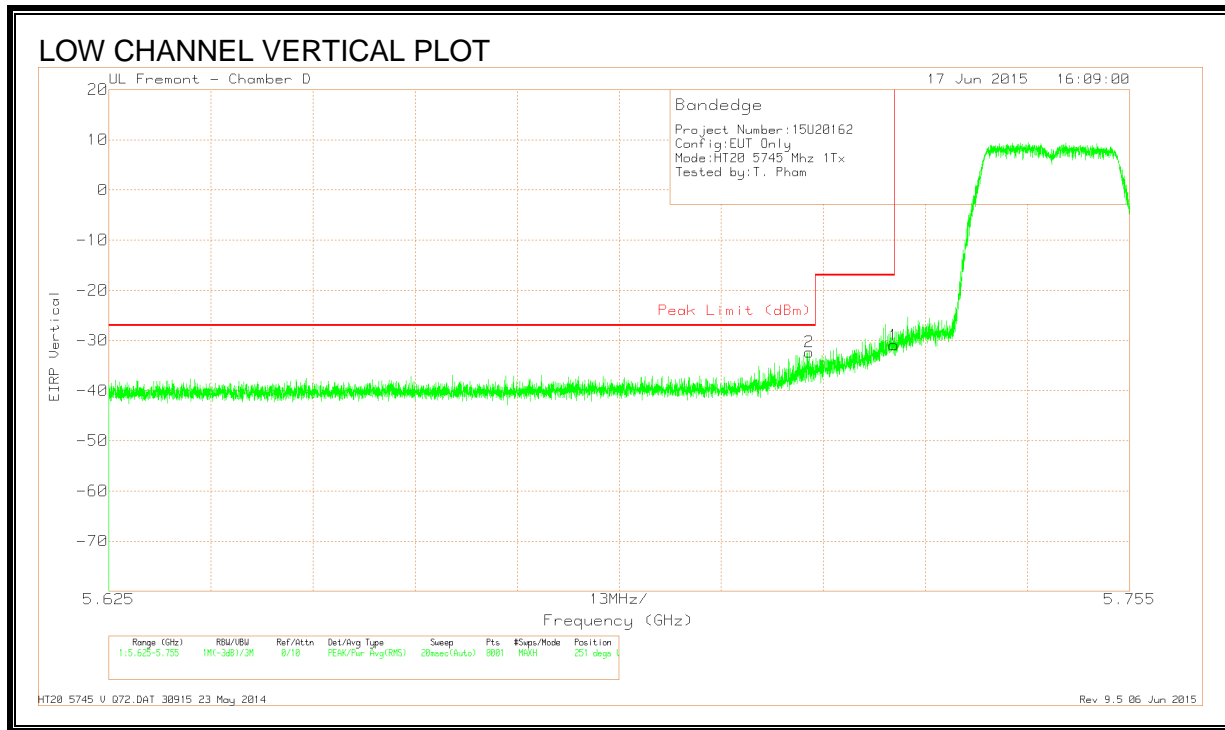


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.59	Pk	34.6	-17.6	11.8	-34.79	-17	-17.79	310	250	H
2	5.712	-64.92	Pk	34.6	-17.5	11.8	-36.02	-27	-9.02	310	250	H

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

Pk - Peak detector



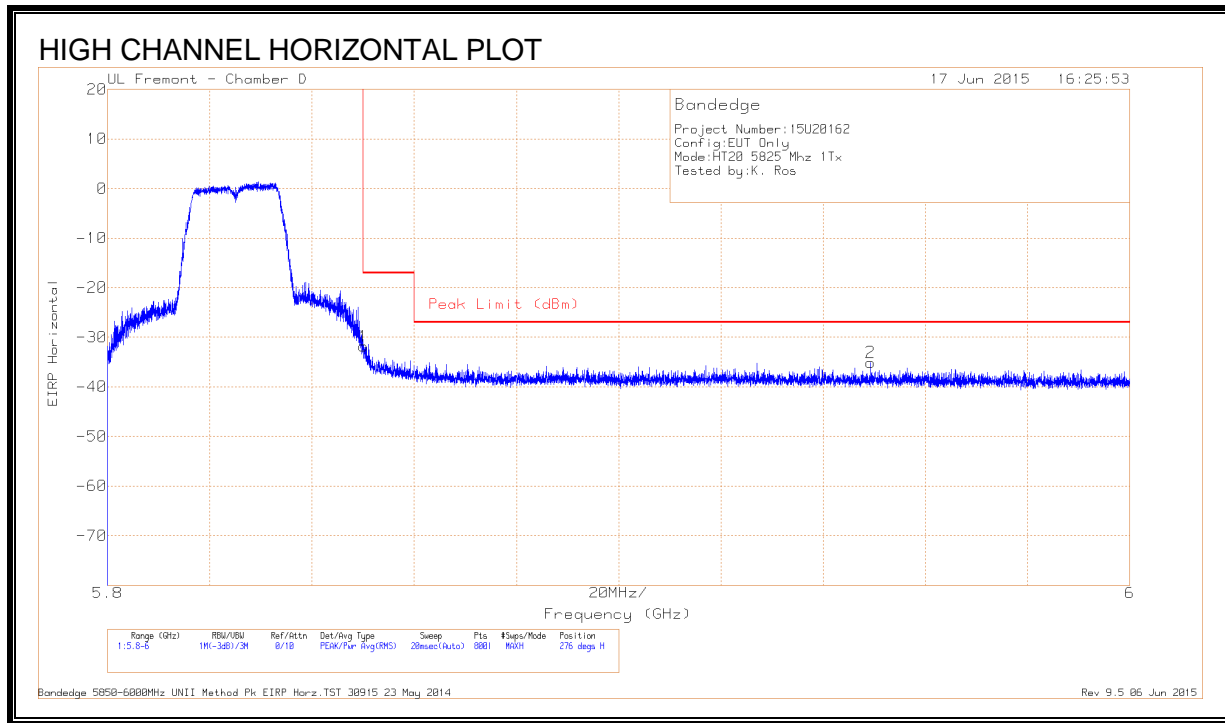
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.73	Pk	34.6	-17.6	11.8	-30.93	-17	-13.93	251	143	V
2	5.714	-61.19	Pk	34.6	-17.5	11.8	-32.29	-27	-5.29	251	143	V

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

Pk - Peak detector

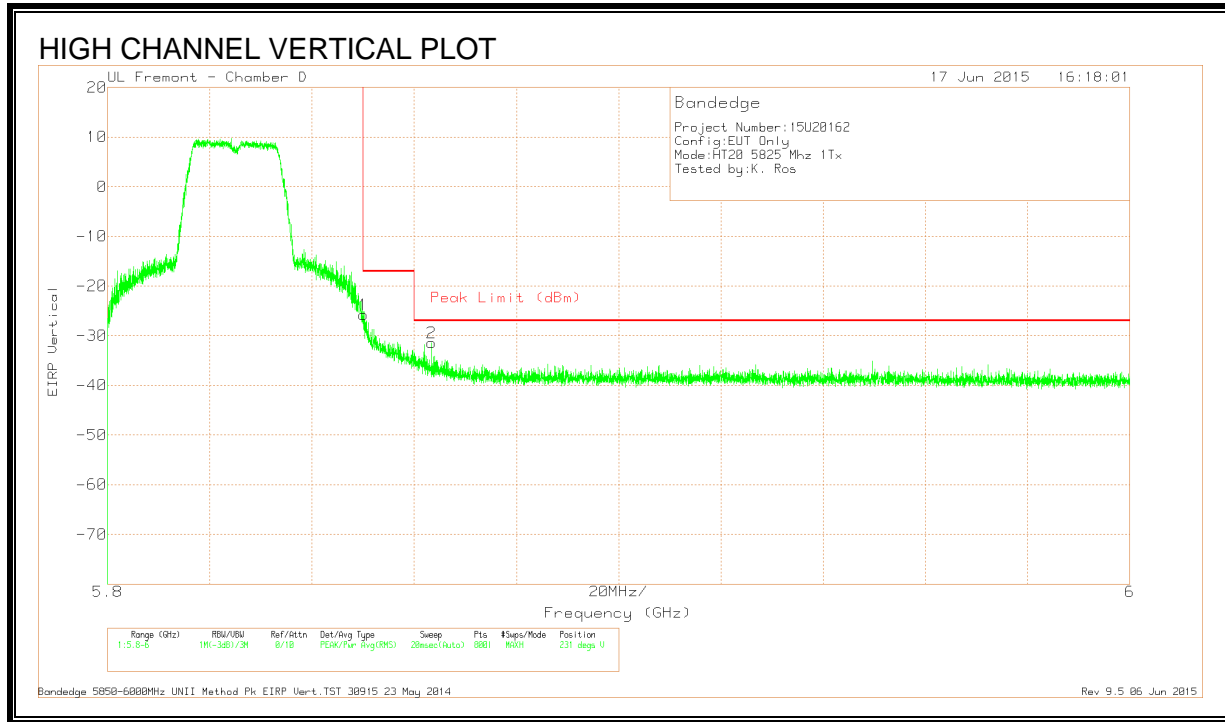
**RESTRICTED BANDEGE, CHAIN 1 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.76	Pk	34.9	-17.7	11.8	-31.76	-17	-14.76	276	290	H
2	5.949	-64.75	Pk	35.2	-17.3	11.8	-35.05	-27	-8.05	276	290	H

Pk - Peak detector

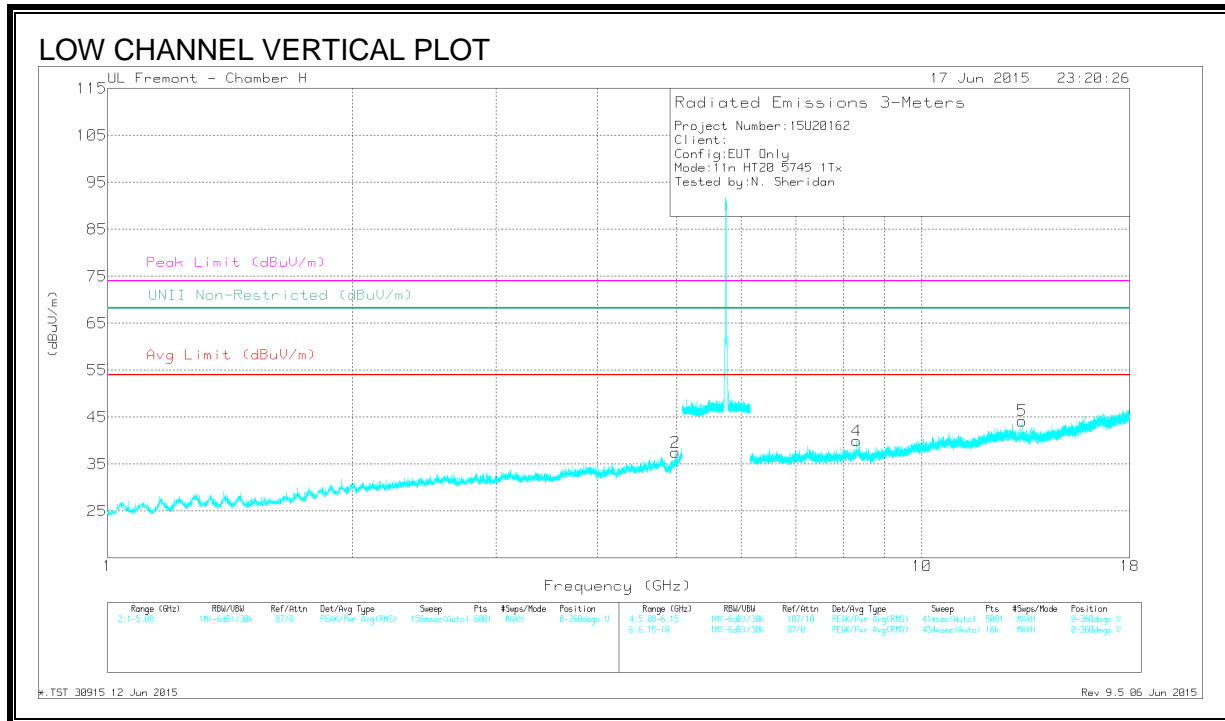
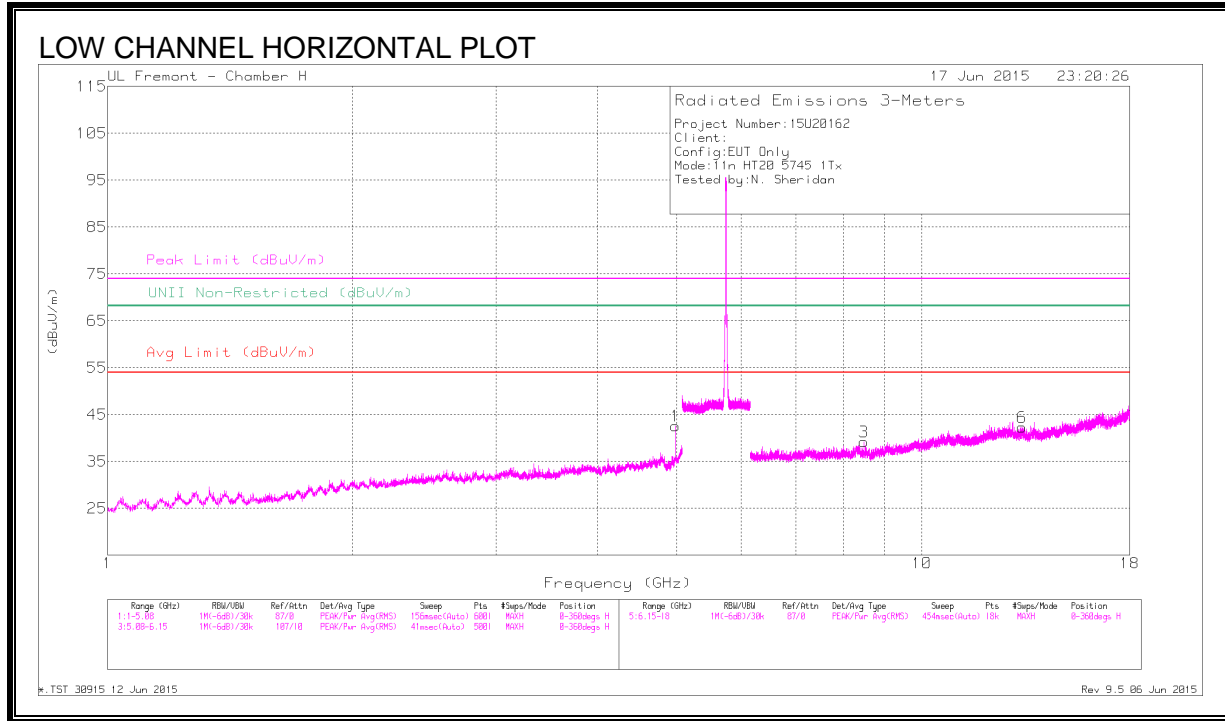


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.77	Pk	34.9	-17.7	11.8	-25.77	-17	-8.77	231	320	V
2	5.863	-60.62	Pk	35	-17.6	11.8	-31.42	-27	-4.42	231	320	V

Pk - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

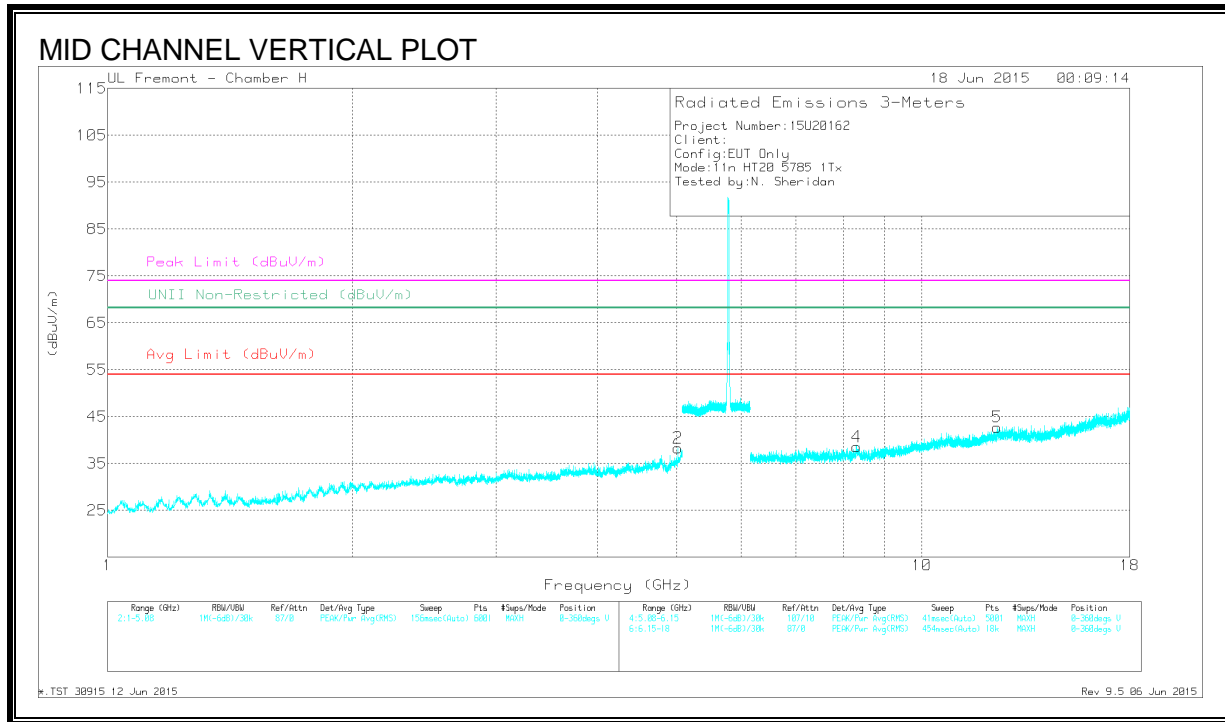
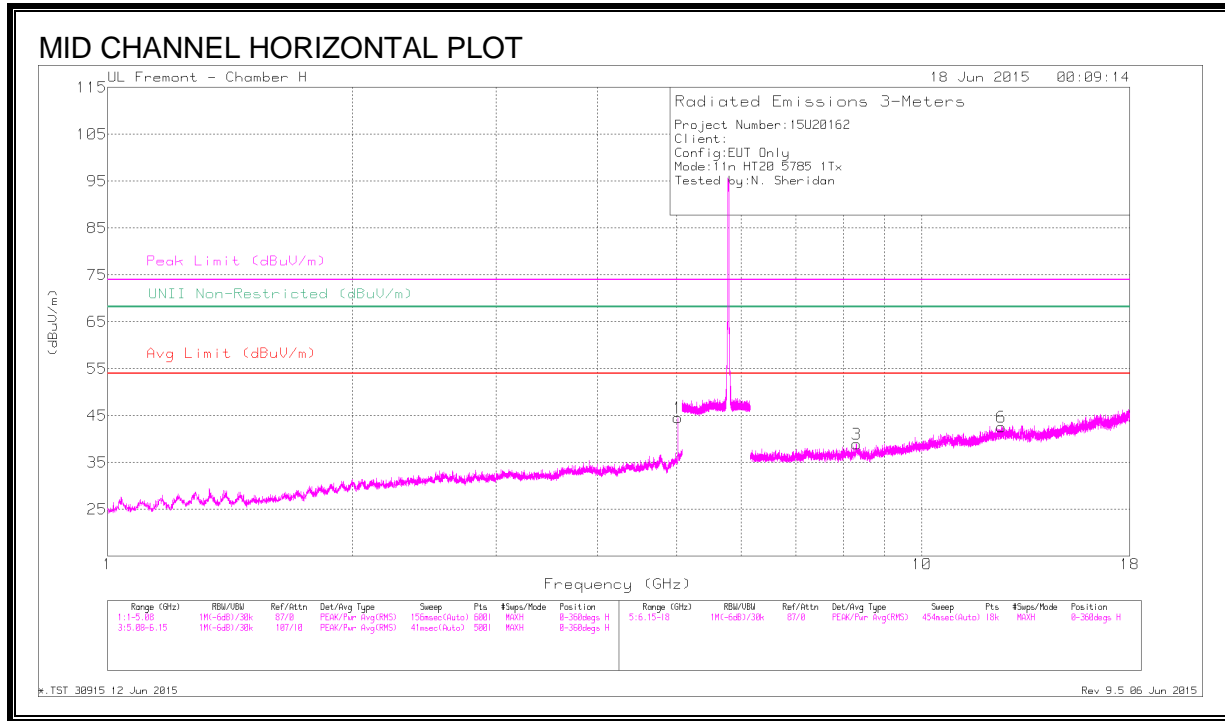
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.979	45.07	PK3	34.3	-31	48.37	-	-	74	-25.63	-	-	130	165	H
	* 4.979	38.93	ADR	34.3	-31	42.23	54	-11.77	-	-	-	-	130	165	H
2	* 4.979	42.34	PK3	34.3	-31	45.64	-	-	74	-28.36	-	-	61	270	V
	* 4.979	33.28	ADR	34.3	-31	36.58	54	-17.42	-	-	-	-	61	270	V
3	* 8.494	39.04	PK3	35.9	-28.8	46.14	-	-	74	-27.86	-	-	61	201	H
	* 8.492	27.46	ADR	35.9	-28.8	34.56	54	-19.44	-	-	-	-	61	201	H
4	* 8.316	38.79	PK3	35.9	-27.1	47.59	-	-	74	-26.41	-	-	147	201	V
	* 8.315	26.69	ADR	35.9	-27.1	35.49	54	-18.51	-	-	-	-	147	201	V
5	* 13.269	36.73	PK3	39.4	-25.2	50.93	-	-	74	-23.07	-	-	11	398	V
	* 13.267	24.66	ADR	39.4	-25.3	38.76	54	-15.24	-	-	-	-	11	398	V
6	* 13.284	36.42	PK3	39.4	-25.2	50.62	-	-	74	-23.38	-	-	147	152	H
	* 13.284	24.45	ADR	39.4	-25.2	38.65	54	-15.35	-	-	-	-	147	152	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

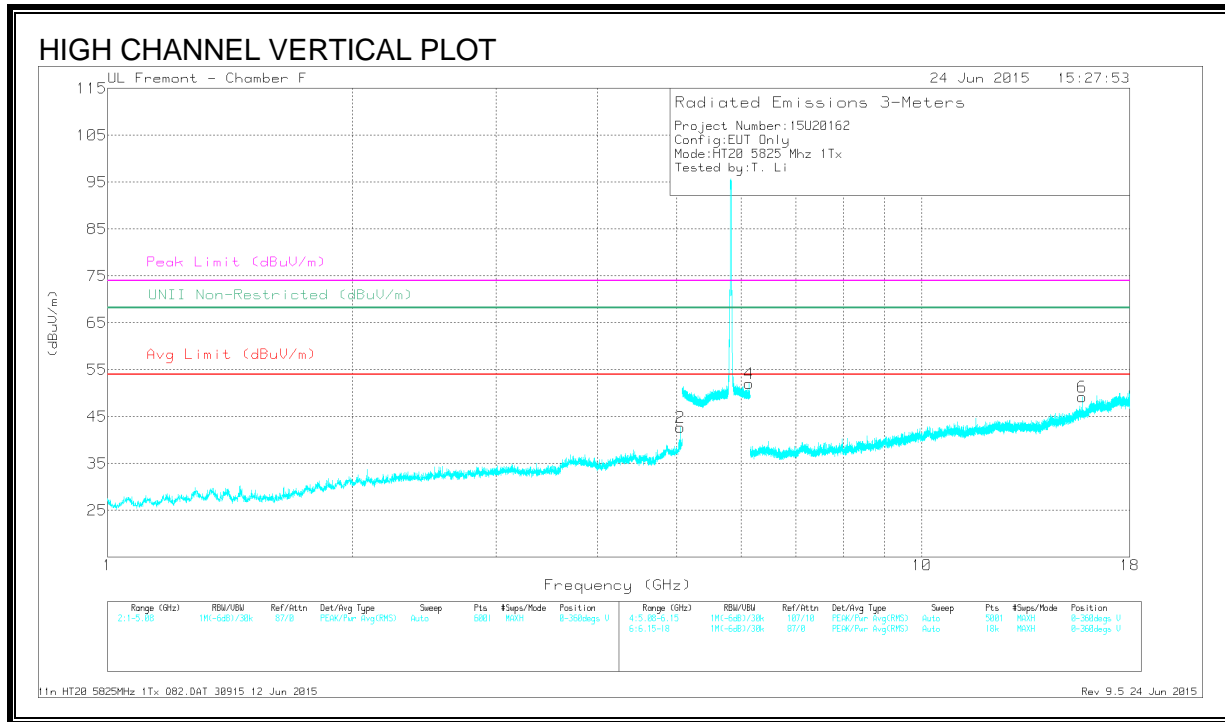
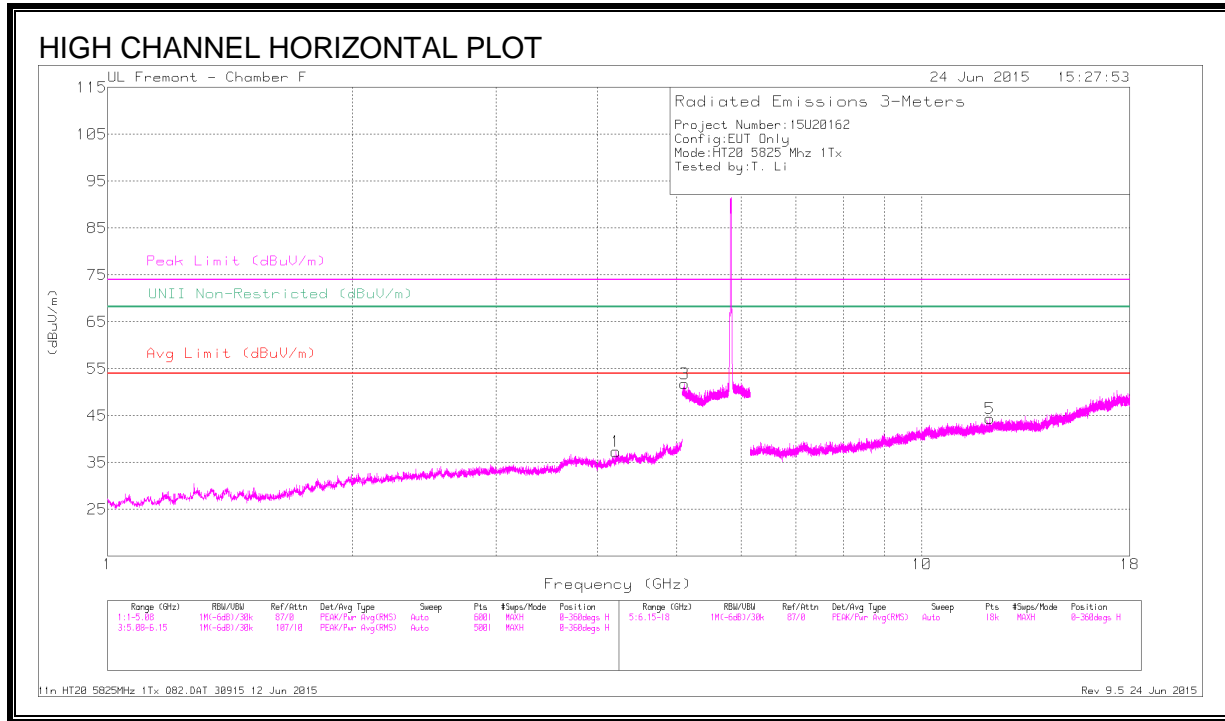
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.014	46.35	PK3	34.3	-31.3	49.35	-	-	74	-24.65	-	-	134	179	H
	* 5.014	40.25	ADR	34.3	-31.3	43.25	54	-10.75	-	-	-	-	134	179	H
2	* 5.014	43.37	PK3	34.3	-31.3	46.37	-	-	74	-27.63	-	-	60	274	V
	* 5.014	35.33	ADR	34.3	-31.3	38.33	54	-15.67	-	-	-	-	60	274	V
3	* 8.31	37.86	PK3	35.9	-27.1	46.66	-	-	74	-27.34	-	-	60	100	H
	* 8.309	26.59	ADR	35.9	-27.1	35.39	54	-18.61	-	-	-	-	60	100	H
4	* 8.314	37.6	PK3	35.9	-27.1	46.4	-	-	74	-27.6	-	-	18	200	V
	* 8.314	26.67	ADR	35.9	-27.1	35.47	54	-18.53	-	-	-	-	18	200	V
5	* 12.375	36.31	PK3	39.1	-25.6	49.81	-	-	74	-24.19	-	-	41	352	V
	* 12.374	24.5	ADR	39.1	-25.6	38	54	-16	-	-	-	-	41	352	V
6	* 12.519	36.23	PK3	39.3	-25.8	49.73	-	-	74	-24.27	-	-	18	241	H
	* 12.516	24.67	ADR	39.3	-25.8	38.17	54	-15.83	-	-	-	-	18	241	H

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

PK3 - U-NII: Maximum Peak



**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (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	* 4.208	38.45	PK-U	33.5	-28.1	43.85	-	-	74	-30.15	-	-	124	127	H
	* 4.205	27.39	ADR	33.5	-28.1	32.79	54	-21.21	-	-	-	-	124	127	H
2	* 5.048	39.13	PK-U	34.3	-25.7	47.73	-	-	74	-26.27	-	-	152	242	V
	* 5.048	28.33	ADR	34.3	-25.7	36.93	54	-17.07	-	-	-	-	152	242	V
3	* 5.111	42.06	PK-U	34.2	-18.5	57.76	-	-	74	-16.24	-	-	107	146	H
	* 5.113	31.06	ADR	34.3	-18.5	46.86	54	-7.14	-	-	-	-	107	146	H
4	6.128	40.72	PK-U	35.6	-17.6	58.72	-	-	-	-	68.2	-9.48	211	259	V
5	* 12.117	34.36	PK-U	38.8	-22	51.16	-	-	74	-22.84	-	-	249	162	H
	* 12.118	23.5	ADR	38.8	-22	40.3	54	-13.7	-	-	-	-	249	162	H
6	* 15.744	35.88	PK-U	40.9	-20.8	55.98	-	-	74	-18.02	-	-	303	113	V
	* 15.744	24.25	ADR	40.8	-20.8	44.25	54	-9.75	-	-	-	-	303	113	V

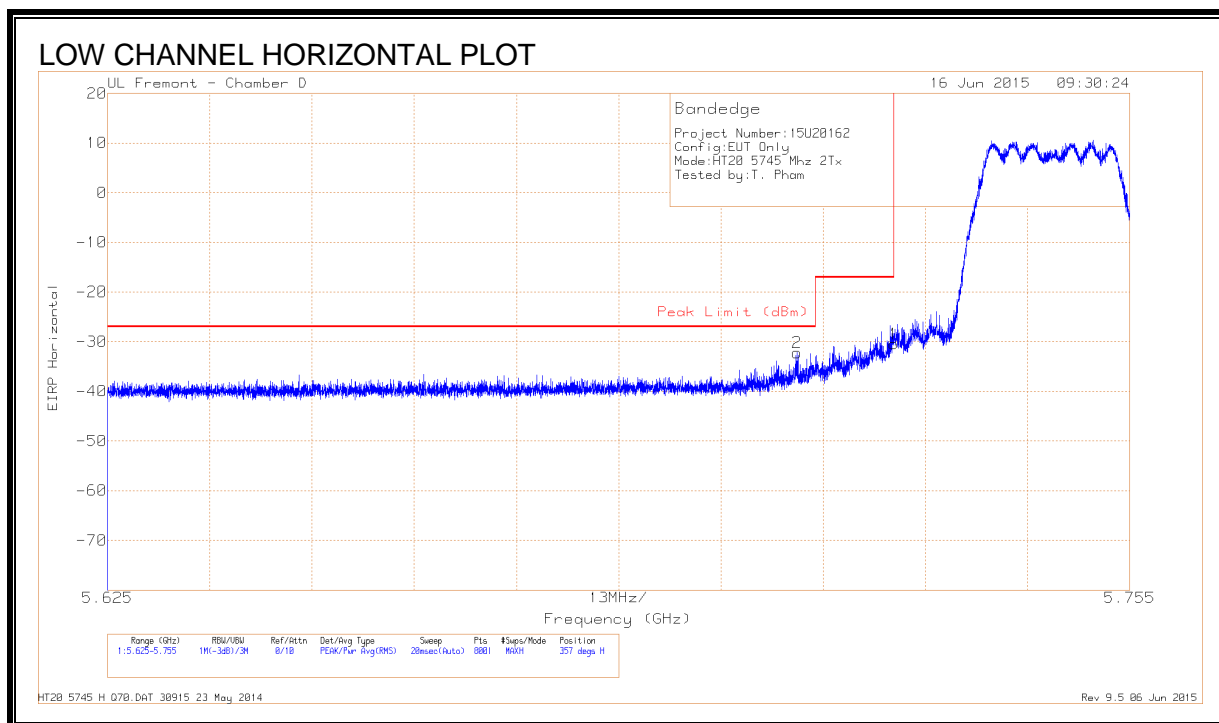
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### RESTRICTED BANDEDGE (LOW CHANNEL)

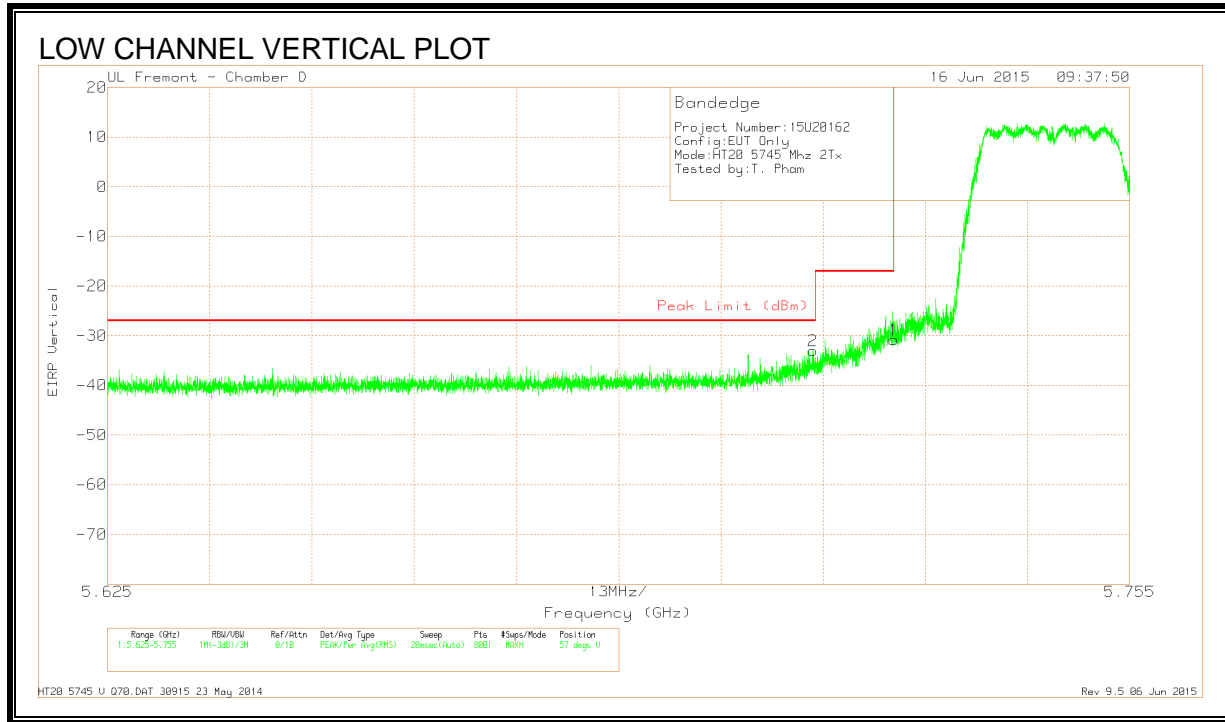


#### **DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.27	Pk	34.6	-17.6	11.8	-30.47	-17	-13.47	357	177	H
2	5.713	-61.12	Pk	34.6	-17.5	11.8	-32.22	-27	-5.22	357	177	H

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

Pk - Peak detector



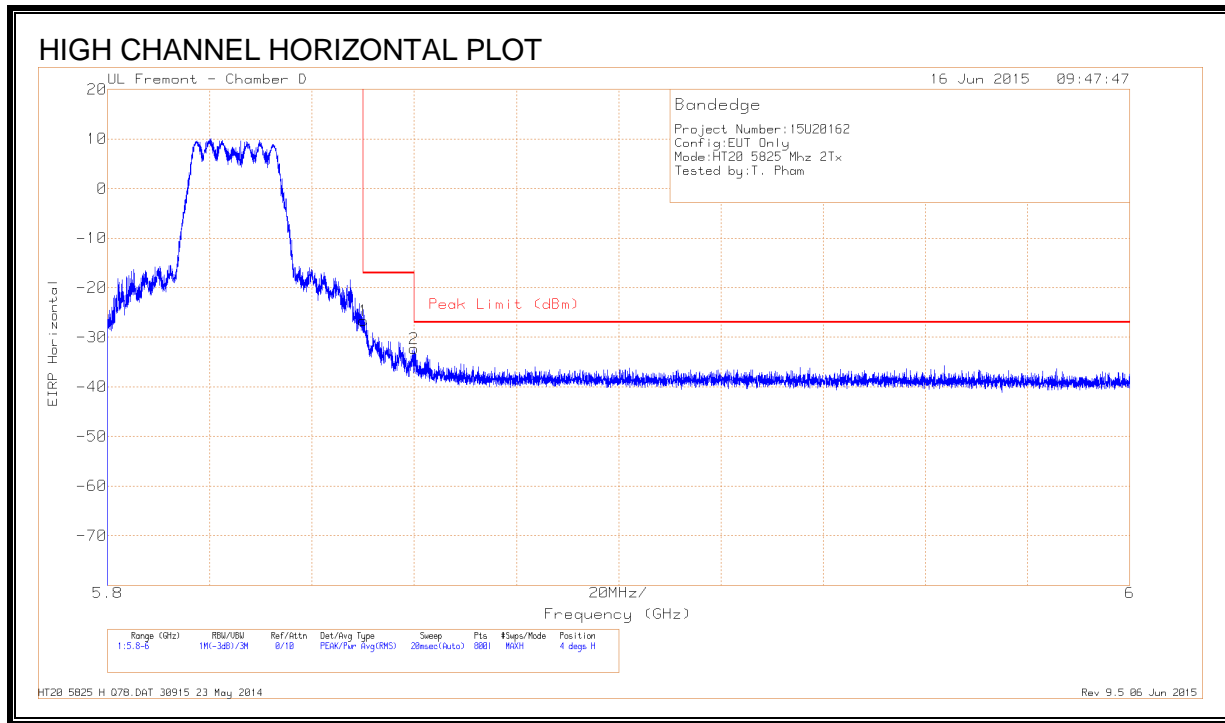
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.6	Pk	34.6	-17.6	11.8	-30.8	-17	-13.8	57	209	V
2	5.715	-61.89	Pk	34.6	-17.5	11.8	-32.99	-27	-5.99	57	209	V

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

Pk - Peak detector

**RESTRICTED BANDEGE (HIGH CHANNEL)**

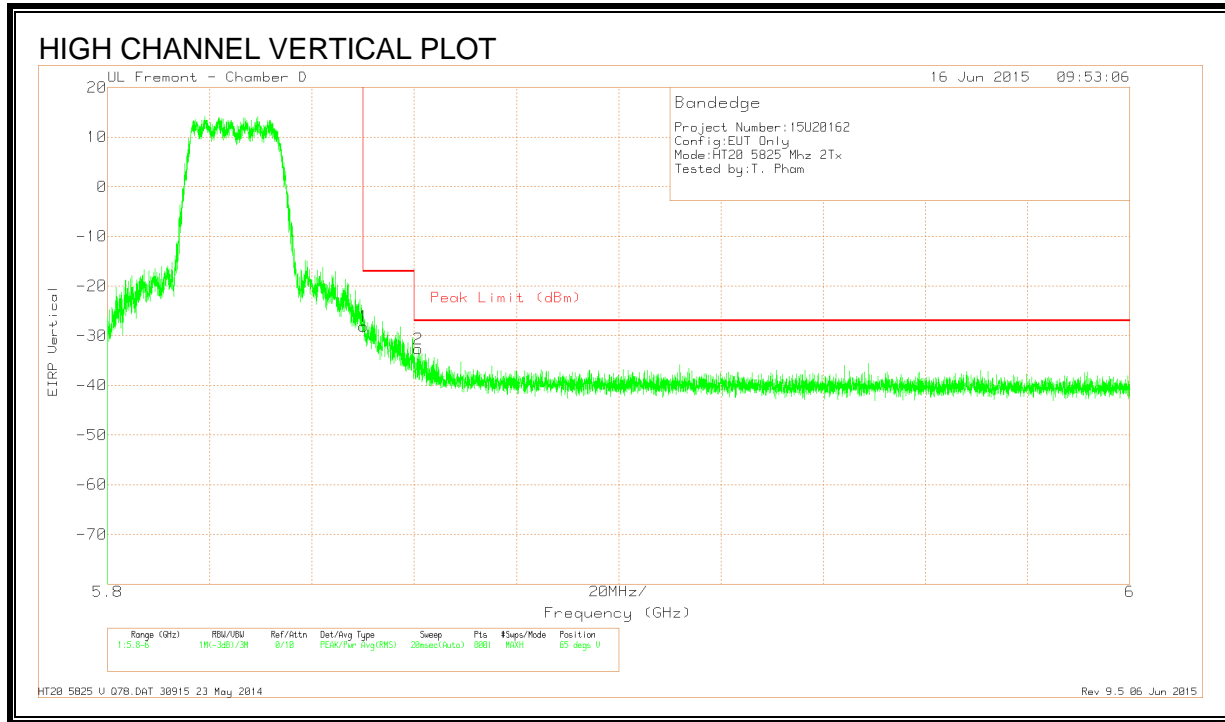


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.64	Pk	34.9	-17.7	11.8	-26.64	-17	-9.64	4	169	H
2	5.86	-61.45	Pk	35	-17.6	11.8	-32.25	-27	-5.25	4	169	H

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

Pk - Peak detector



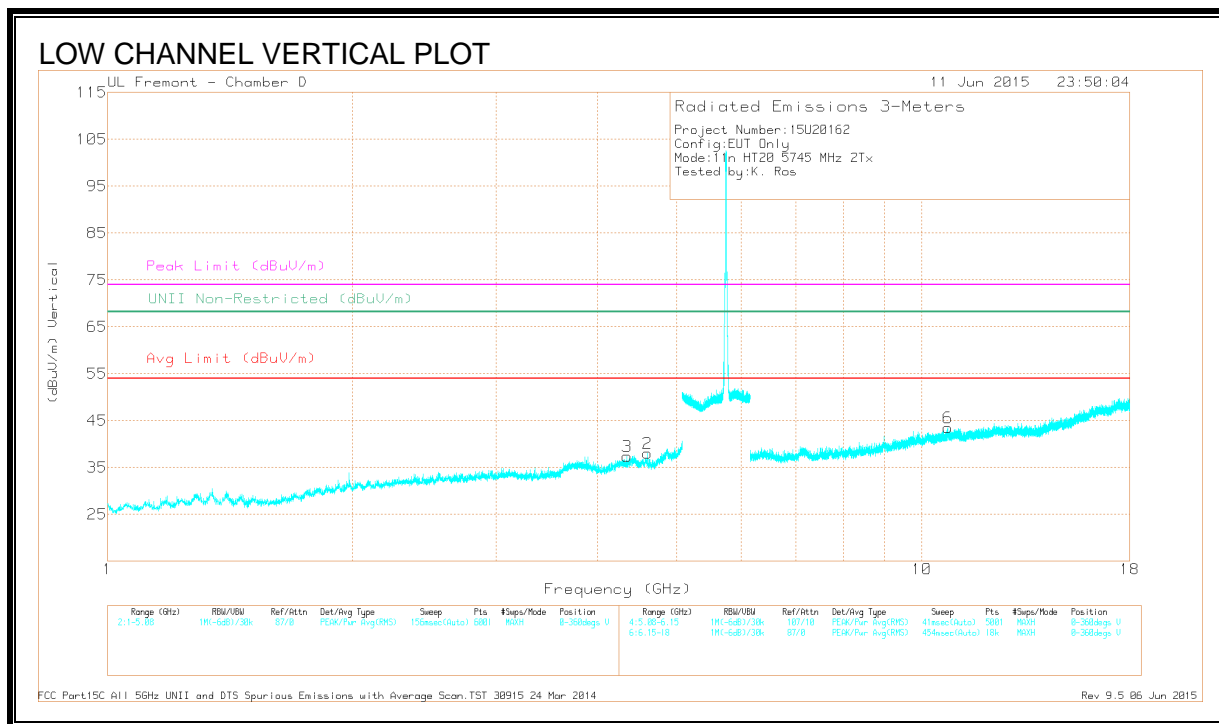
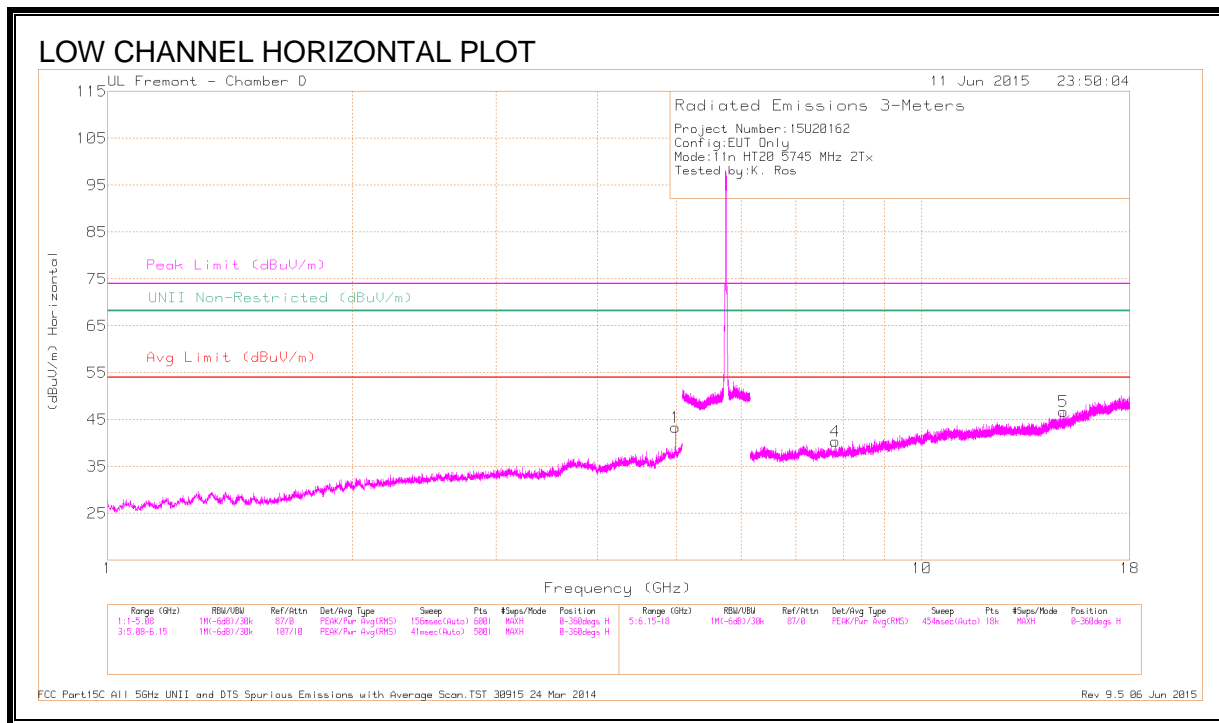
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.1	Pk	34.9	-17.7	11.8	-28.1	-17	-11.1	65	238	V
2	5.861	-61.8	Pk	35	-17.6	11.8	-32.6	-27	-5.6	65	238	V

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

Pk - Peak detector

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/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	* 4.979	41.51	PK3	34.2	-26.9	48.81	-	-	74	-25.19	-	-	186	175	H
	* 4.979	33.01	ADR	34.2	-26.9	40.31	54	-13.69	-	-	-	-	186	175	H
2	* 4.598	38.04	PK3	34.1	-27	45.14	-	-	74	-28.86	-	-	175	211	V
	* 4.598	26.63	ADR	34.1	-27	33.73	54	-20.27	-	-	-	-	175	211	V
3	* 4.344	38.04	PK3	33.7	-28.4	43.34	-	-	74	-30.66	-	-	211	232	V
	* 4.347	26.91	ADR	33.7	-28.4	32.21	54	-21.79	-	-	-	-	211	232	V
4	7.825	35.77	PK3	35.6	-25.1	46.27	-	-	-	-	68.2	-21.93	156	100	H
5	14.925	35.52	PK3	39.7	-22.8	52.42	-	-	-	-	68.2	-15.78	83	123	H
6	* 10.771	33.44	PK3	37.9	-20.9	50.44	-	-	74	-23.56	-	-	180	178	V
	* 10.771	22.7	ADR	37.9	-20.9	39.7	54	-14.3	-	-	-	-	180	178	V

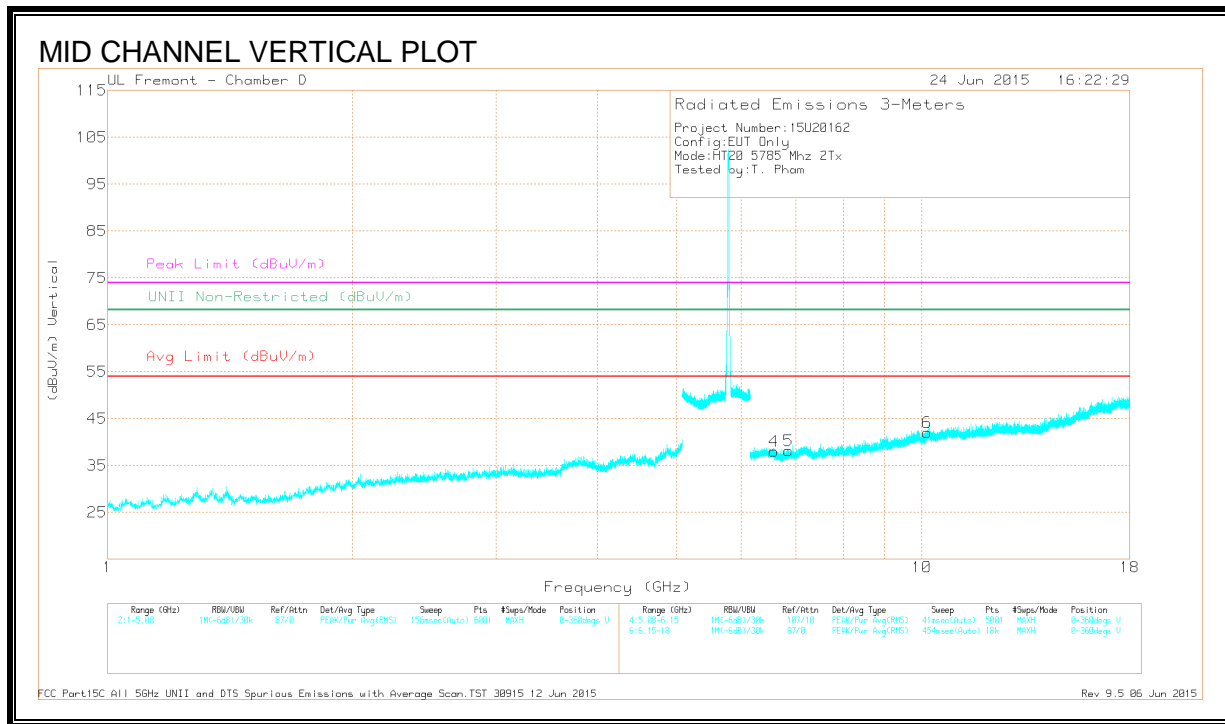
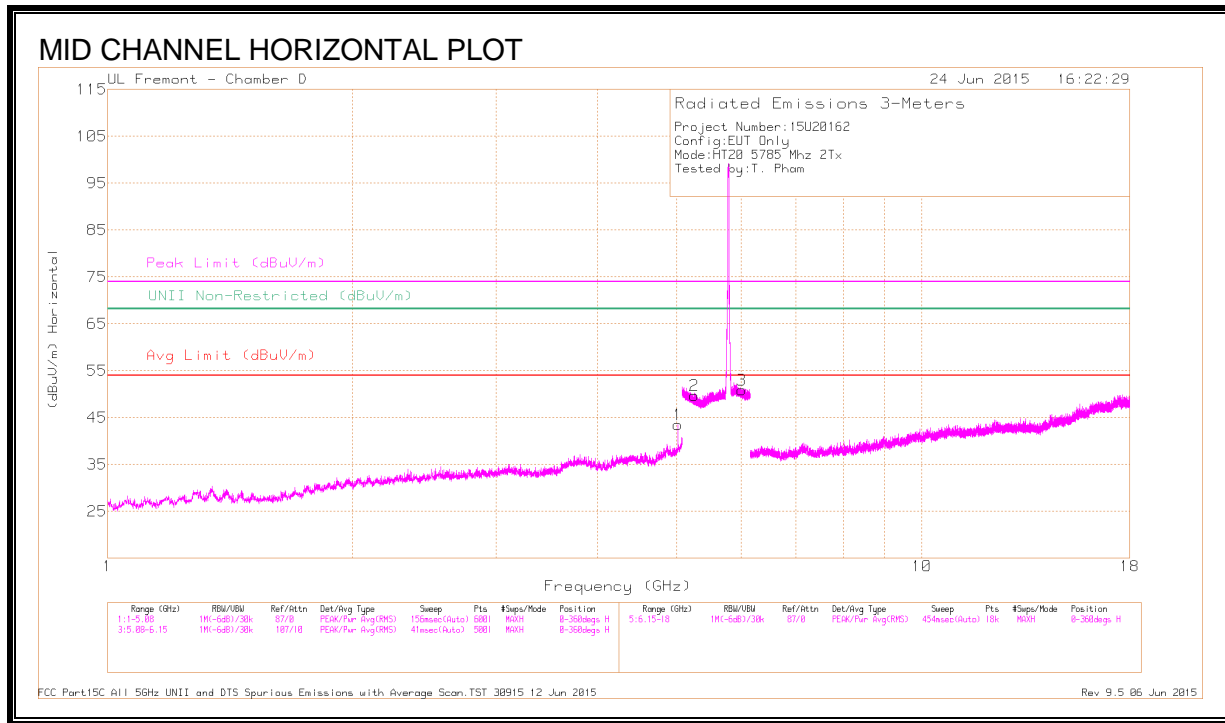
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

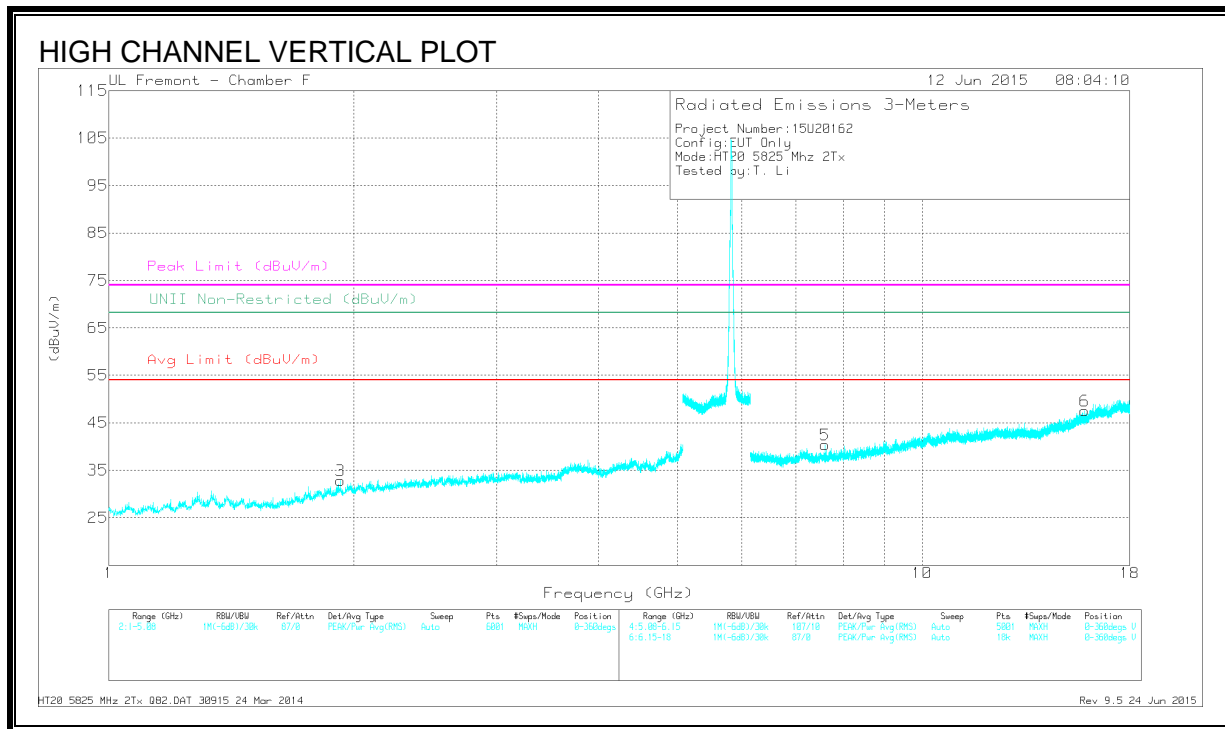
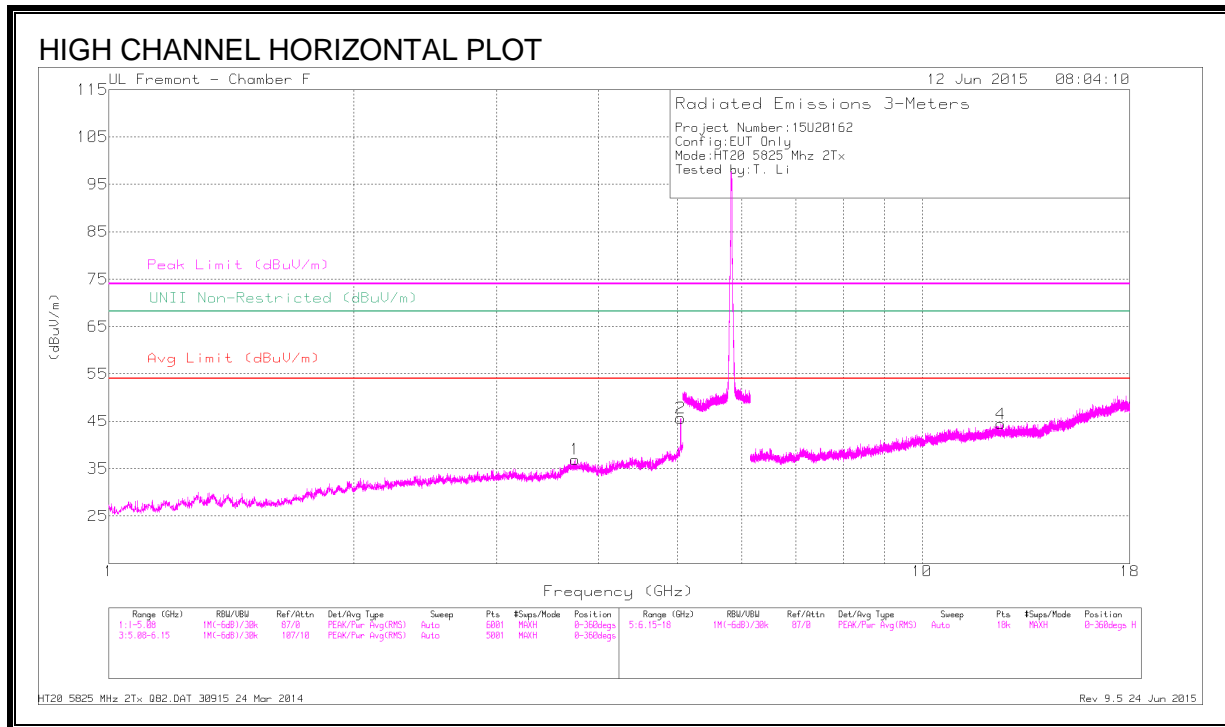
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.013	41.52	PK3	34.3	-26.4	49.42	-	-	74	-24.58	-	-	188	222	H
	* 5.014	31.83	ADR	34.3	-26.4	39.73	54	-14.27	-	-	-	-	188	222	H
2	5.254	41.65	PK3	34.3	-18.1	57.85	-	-	-	-	68.2	-10.35	95	201	H
3	6.008	41.34	PK3	35.5	-17.6	59.24	-	-	-	-	68.2	-8.96	110	185	H
4	6.578	36.16	PK3	35.5	-25.9	45.76	-	-	-	-	68.2	-22.44	245	252	V
5	6.861	37.31	PK3	35.5	-25.9	46.91	-	-	-	-	68.2	-21.29	75	153	V
6	10.154	33.91	PK3	37.1	-20.7	50.31	-	-	-	-	68.2	-17.89	348	225	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 T344 (dB/m)	Amp/Cb/Filter/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	* 3.743	39.77	PK-U	33.3	-29.1	43.97	-	-	74	-30.03	-	-	245	100	H
	* 3.746	27.76	ADR	33.3	-29	32.27	54	-21.73	-	-	-	-	245	100	H
2	* 5.049	38.97	PK-U	34.3	-25.7	47.57	-	-	74	-26.43	-	-	189	120	H
	* 5.048	27.83	ADR	34.3	-25.7	36.64	54	-	-	-	-	-	189	120	H
3	1.926	41.26	PK-U	30.8	-31.1	40.96	-	-	-	-	68.2	-34.76	55	150	V
4	* 12.498	35.75	PK-U	39.1	-22.1	52.75	-	-	74	-21.25	-	-	286	202	H
	* 12.499	24.02	ADR	39.1	-22.1	41.23	54	-	-	-	-	-	286	202	H
5	* 7.593	37.15	PK-U	35.6	-25.7	47.05	-	-	74	-26.95	-	-	24	262	V
	* 7.594	25.14	ADR	35.6	-25.7	35.25	54	-	-	-	-	-	24	262	V
6	* 15.843	35.4	PK-U	40.9	-20.8	55.5	-	-	74	-18.5	-	-	239	101	V
	* 15.843	24.43	ADR	40.9	-20.8	44.74	54	-	-	-	-	-	239	101	V

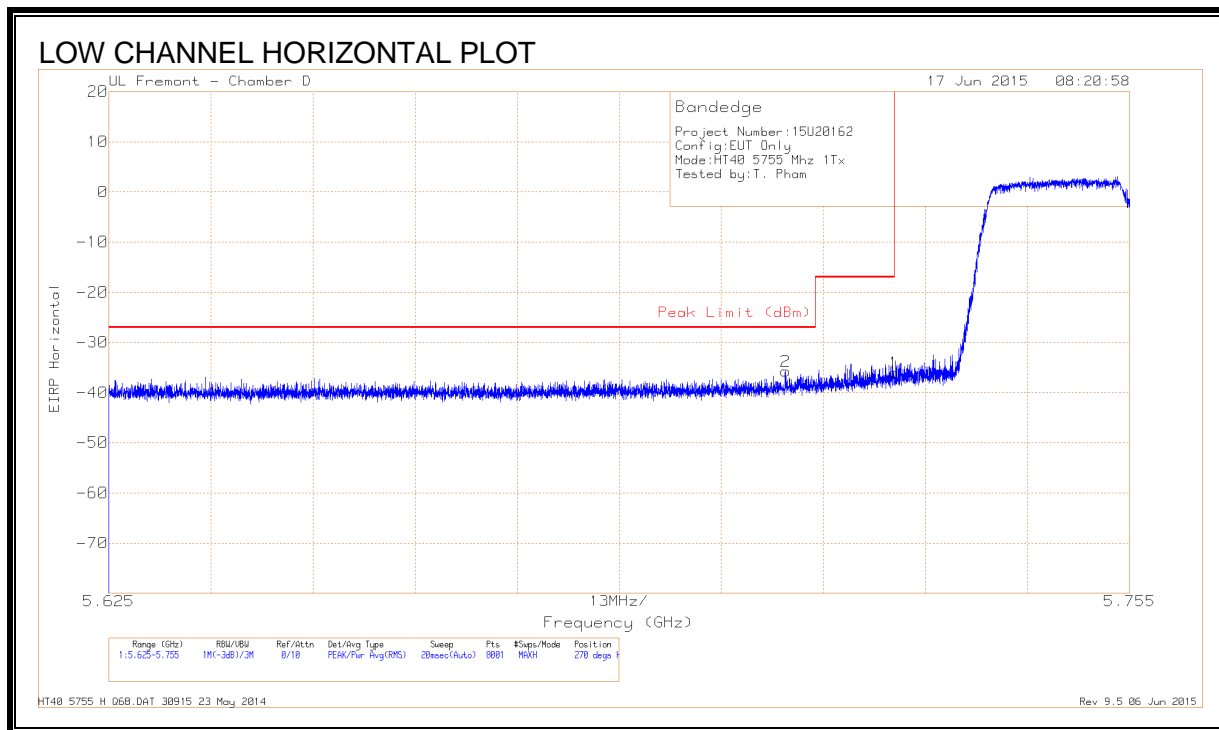
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

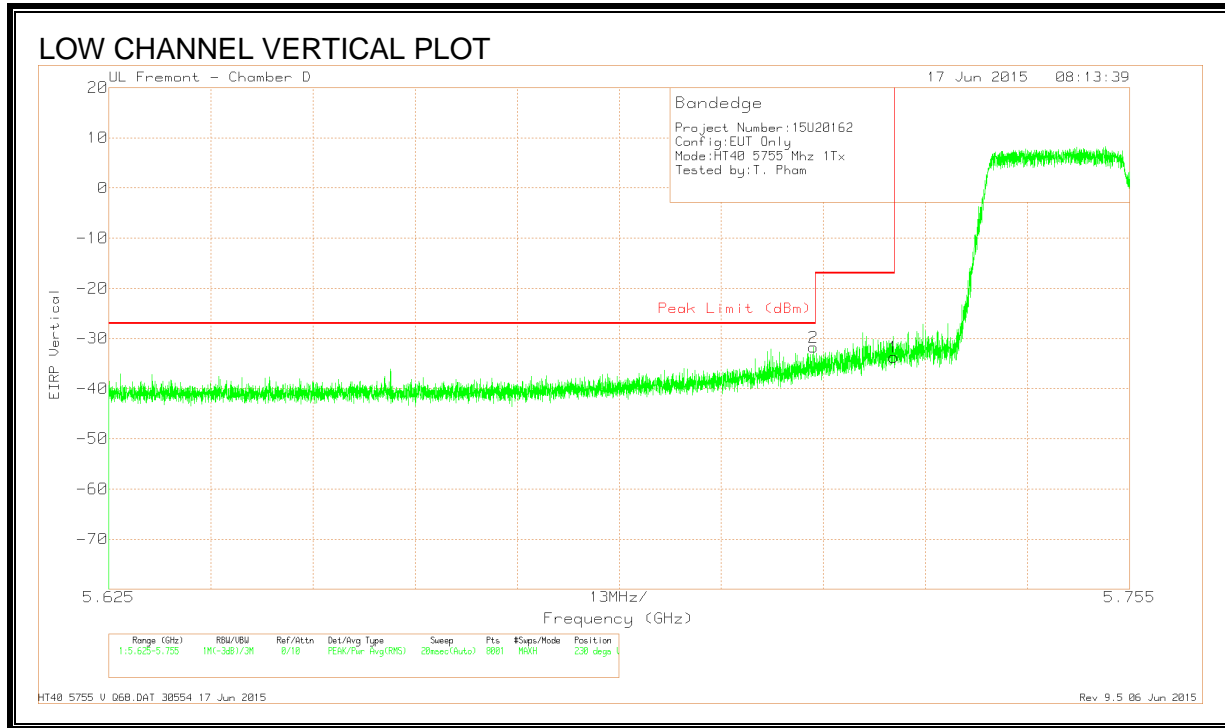
#### RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.84	Pk	34.6	-17.6	11.8	-36.04	-17	-19.04	270	323	H
2	5.711	-64.55	Pk	34.5	-17.5	11.8	-35.75	-27	-8.75	270	323	H

Pk - Peak detector

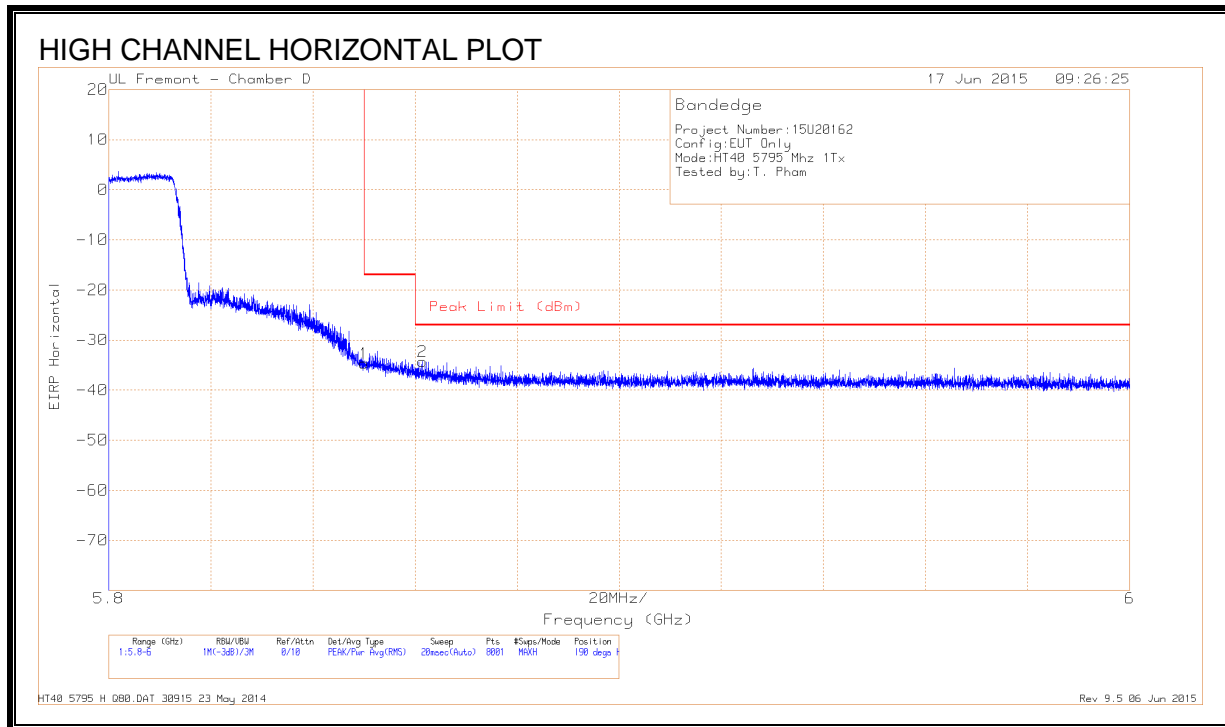


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-62.52	Pk	34.6	-17.6	11.8	-33.72	-17	-16.72	230	205	V
2	5.715	-60.68	Pk	34.6	-17.5	11.8	-31.78	-27	-4.78	230	205	V

Pk - Peak detector

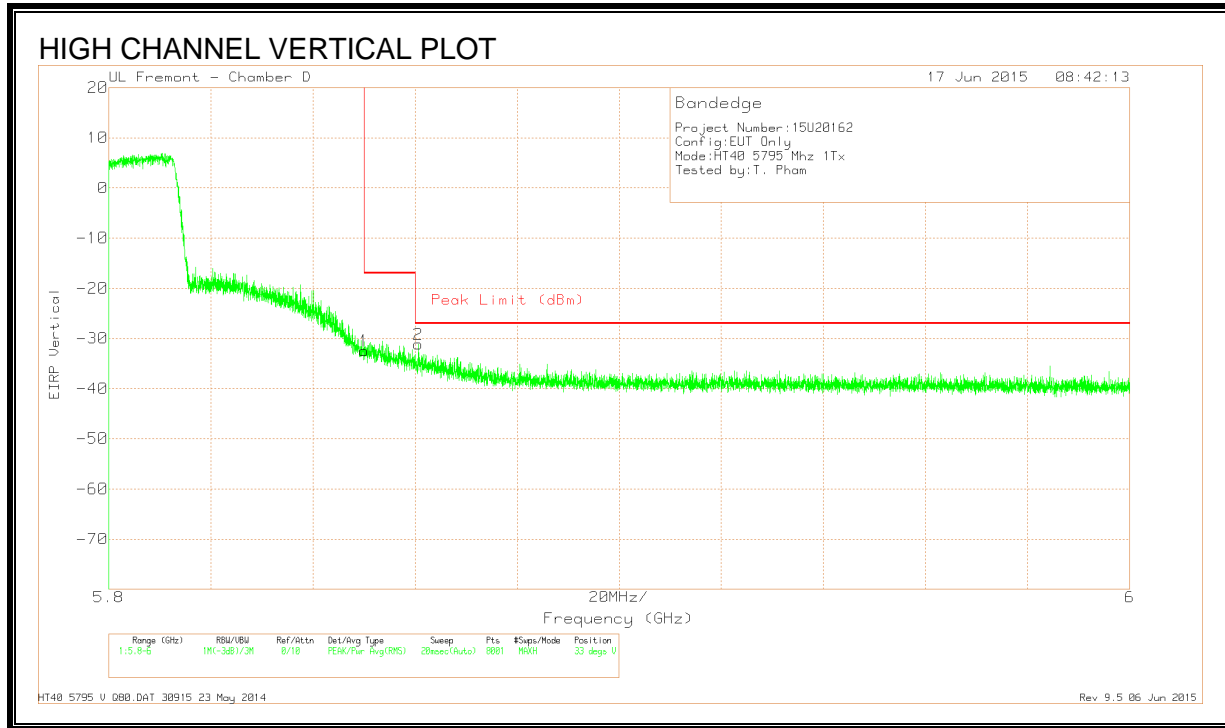
**RESTRICTED BANDEGE, CHAIN 0 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.67	Pk	34.9	-17.7	11.8	-34.67	-17	-17.67	190	310	H
2	5.861	-63.52	Pk	35	-17.6	11.8	-34.32	-27	-7.32	190	310	H

Pk - Peak detector



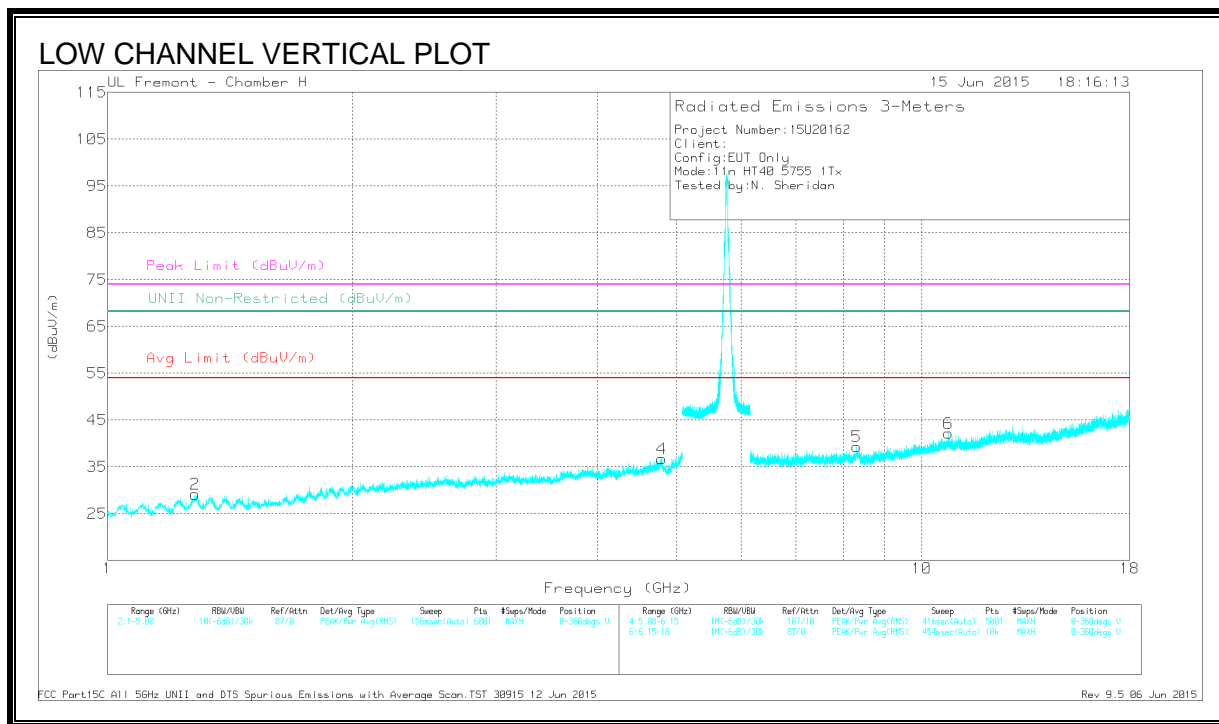
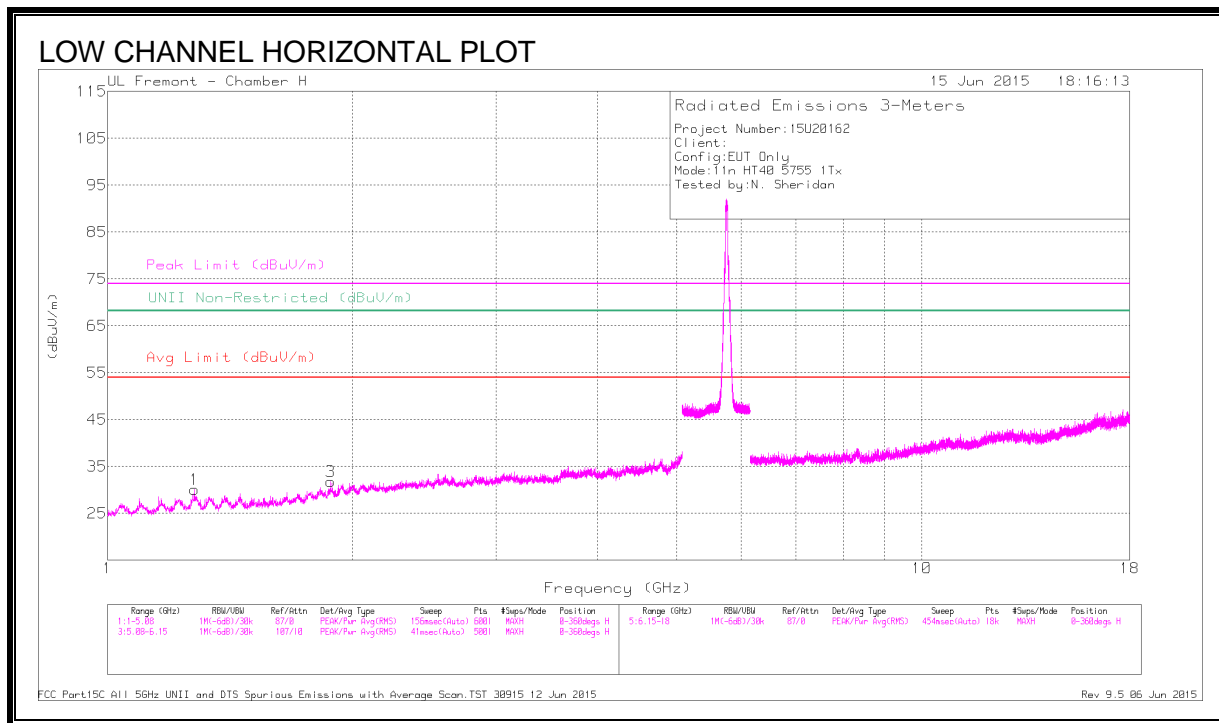
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.46	Pk	34.9	-17.7	11.8	-32.46	-17	-15.46	33	313	V
2	5.861	-60.34	Pk	35	-17.6	11.8	-31.14	-27	-4.14	33	313	V

Pk - Peak detector



**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

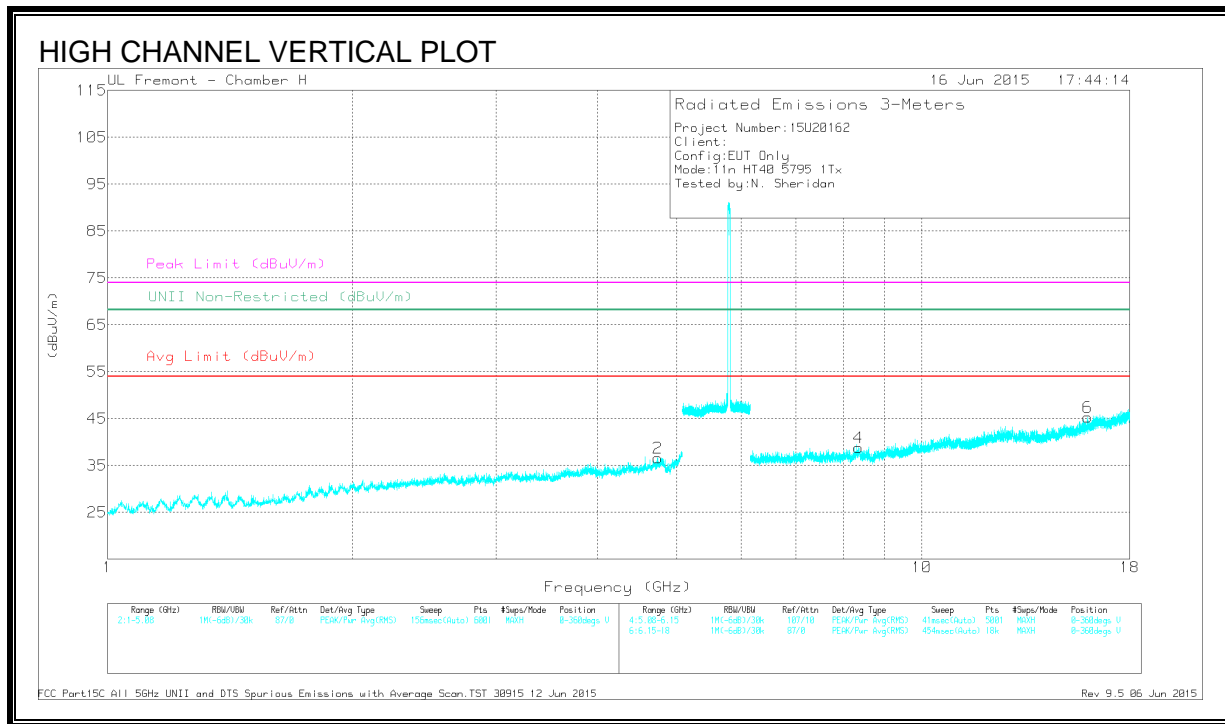
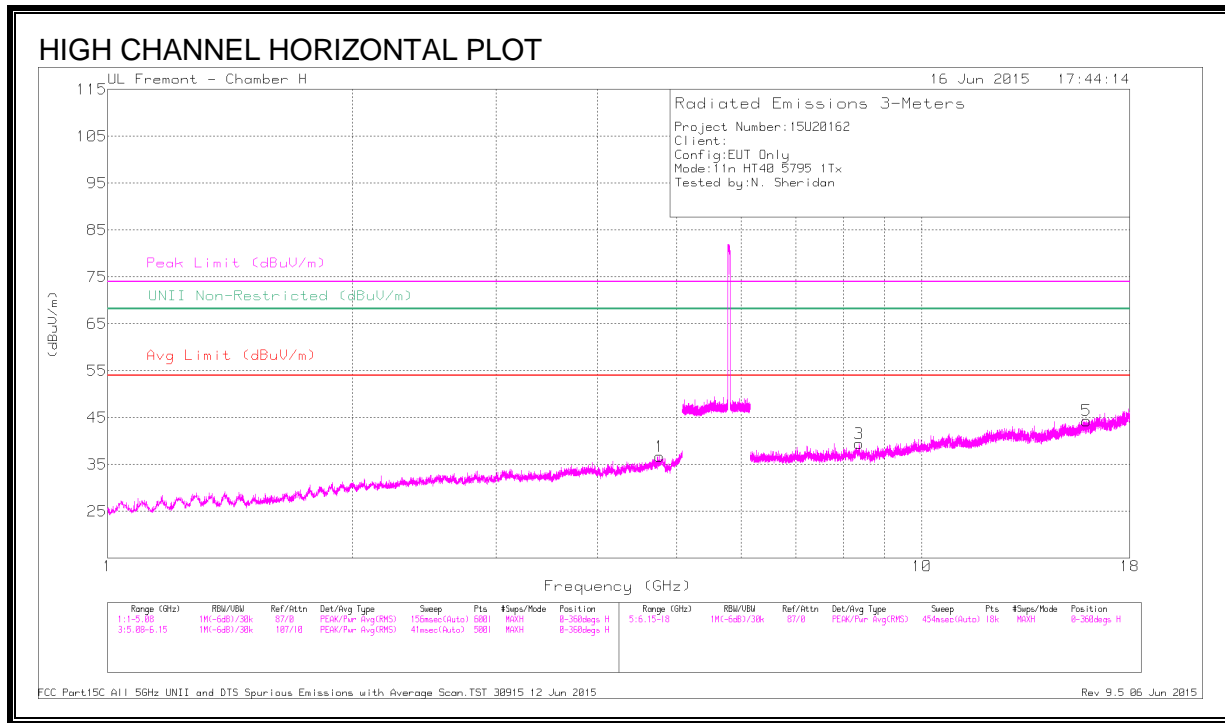
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fi tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.278	44.14	PK3	28.8	-35.6	37.34	-	-	74	-36.66	-	-	117	319	H
	* 1.28	32.1	ADR	28.8	-35.6	25.3	54	-28.7	-	-	-	-	117	319	H
2	* 1.281	44.33	PK3	28.8	-35.7	37.43	-	-	74	-36.57	-	-	115	353	V
	* 1.282	32.06	ADR	28.8	-35.7	25.16	54	-28.84	-	-	-	-	115	353	V
3	1.879	40.34	PK-U	30.7	-34.8	36.24	-	-	-	-	68.2	-31.96	239	222	H
4	* 4.793	42.32	PK3	34.2	-32.1	44.42	-	-	74	-29.58	-	-	115	200	V
	* 4.792	30.97	ADR	34.2	-32.1	33.07	54	-20.93	-	-	-	-	115	200	V
5	* 8.311	38.4	PK3	35.9	-27.1	47.2	-	-	74	-26.8	-	-	122	230	V
	* 8.312	26.03	ADR	35.9	-27.1	34.83	54	-19.17	-	-	-	-	122	230	V
6	* 10.778	35.33	PK3	37.9	-24.6	48.63	-	-	74	-25.37	-	-	186	157	V
	* 10.778	23.9	ADR	37.9	-24.6	37.2	54	-16.8	-	-	-	-	186	157	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**

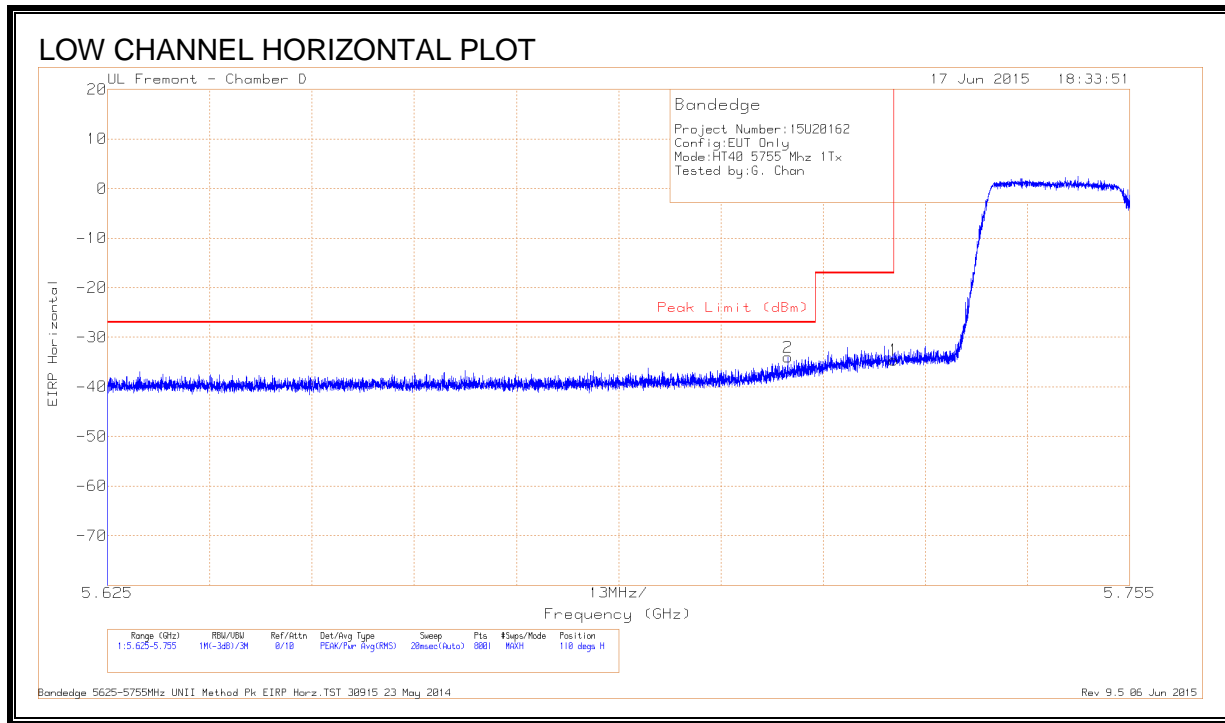
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.763	42.43	PK3	34.2	-31.8	44.83	-	-	74	-29.17	-	-	234	120	H
	* 4.762	30.32	ADR	34.2	-31.8	32.72	54	-21.28	-	-	-	-	234	120	H
2	* 4.735	41.37	PK3	34.2	-31.5	44.07	-	-	74	-29.93	-	-	281	100	V
	* 4.735	29.93	ADR	34.2	-31.5	32.63	54	-21.37	-	-	-	-	281	100	V
3	* 8.371	39.03	PK3	35.9	-27.9	47.03	-	-	74	-26.97	-	-	302	371	H
	* 8.371	26.83	ADR	35.9	-27.9	34.83	54	-19.17	-	-	-	-	302	371	H
5	* 15.92	35.61	PK3	41	-25	51.61	-	-	74	-22.39	-	-	345	200	H
	* 15.92	24.71	ADR	41	-25	40.71	54	-13.29	-	-	-	-	345	200	H
4	* 8.365	38.95	PK3	35.9	-27.9	46.95	-	-	74	-27.05	-	-	212	200	V
	* 8.364	27.3	ADR	35.9	-27.9	35.3	54	-18.7	-	-	-	-	212	200	V
6	* 15.991	35.85	PK3	41	-24.9	51.95	-	-	74	-22.05	-	-	33	200	V
	* 15.99	24.52	ADR	41	-24.9	40.62	54	-13.38	-	-	-	-	33	200	V

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

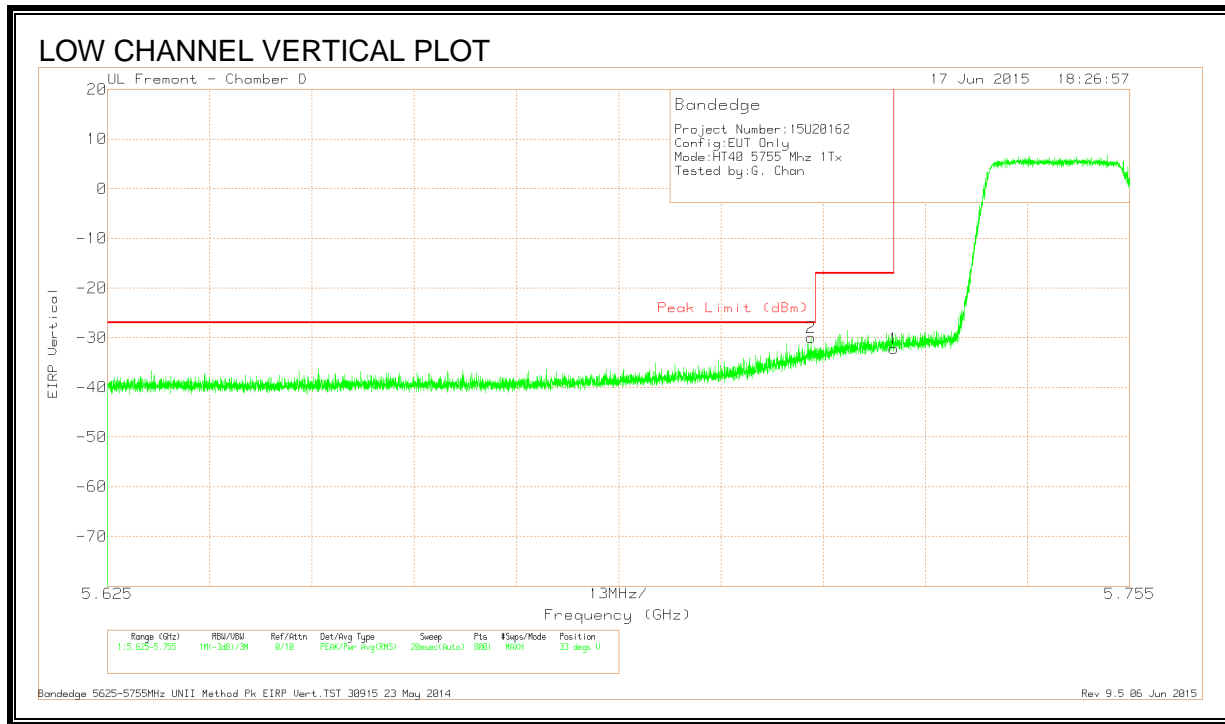
**RESTRICTED BANDEGE, CHAIN 1 (LOW CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.36	Pk	34.6	-17.6	11.8	-34.56	-17	-17.56	110	207	H
2	5.711	-62.85	Pk	34.5	-17.5	11.8	-34.05	-27	-7.05	110	207	H

Pk - Peak detector

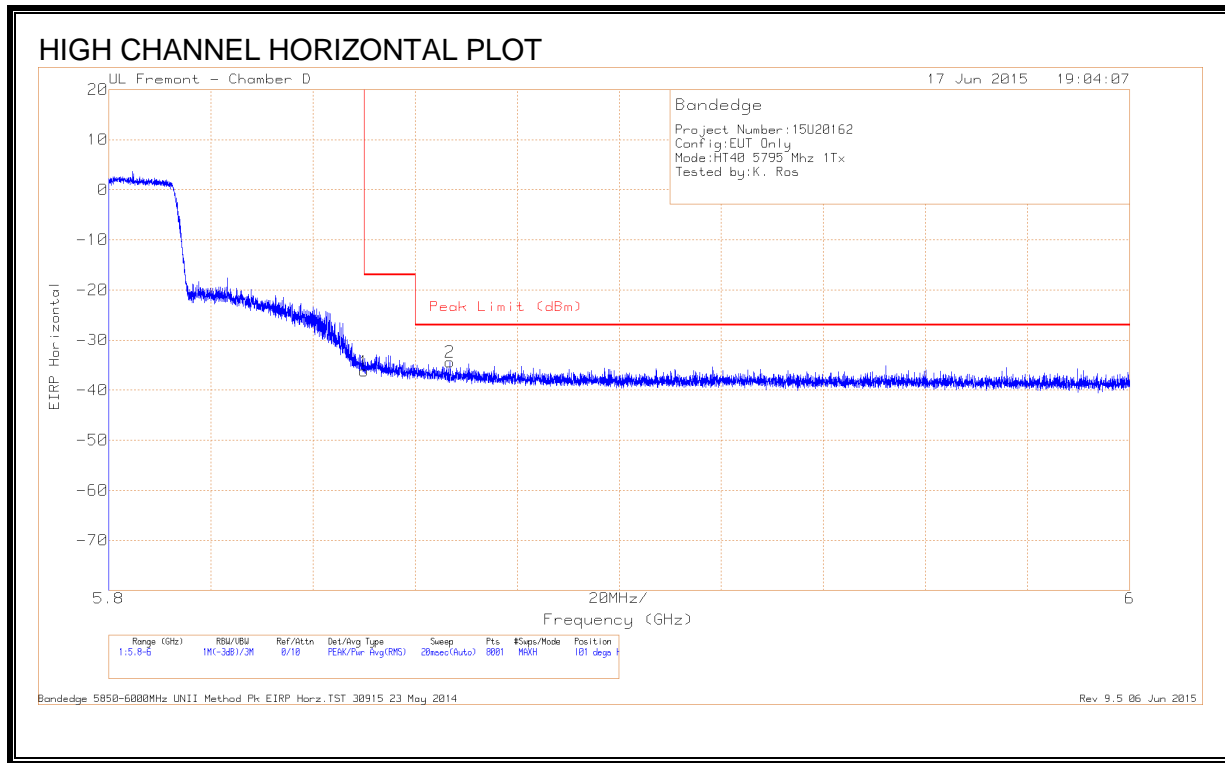


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.95	Pk	34.6	-17.6	11.8	-32.15	-17	-15.15	33	315	V
2	5.714	-59.06	Pk	34.6	-17.5	11.8	-30.16	-27	-3.16	33	315	V

Pk - Peak detector

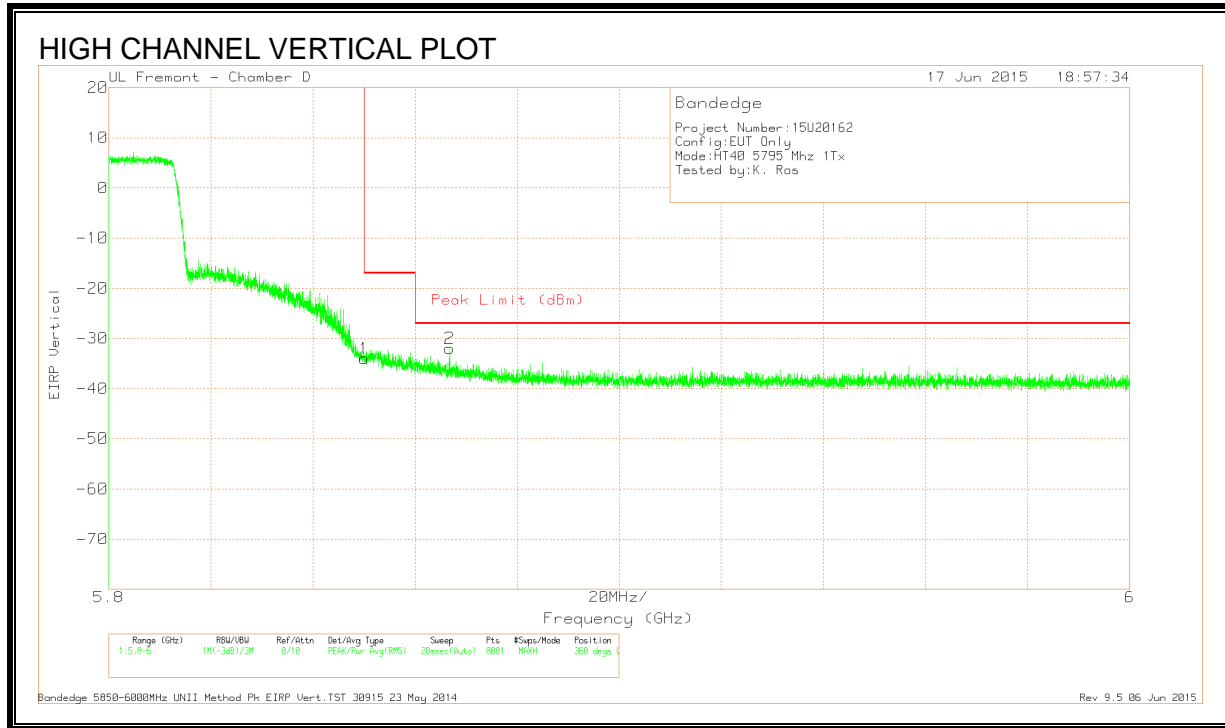
**RESTRICTED BANDEGE, CHAIN 1 (HIGH CHANNEL)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.21	Pk	34.9	-17.7	11.8	-36.21	-17	-19.21	101	283	H
2	5.867	-63.58	Pk	35	-17.6	11.8	-34.38	-27	-7.38	101	283	H

Pk - Peak detector



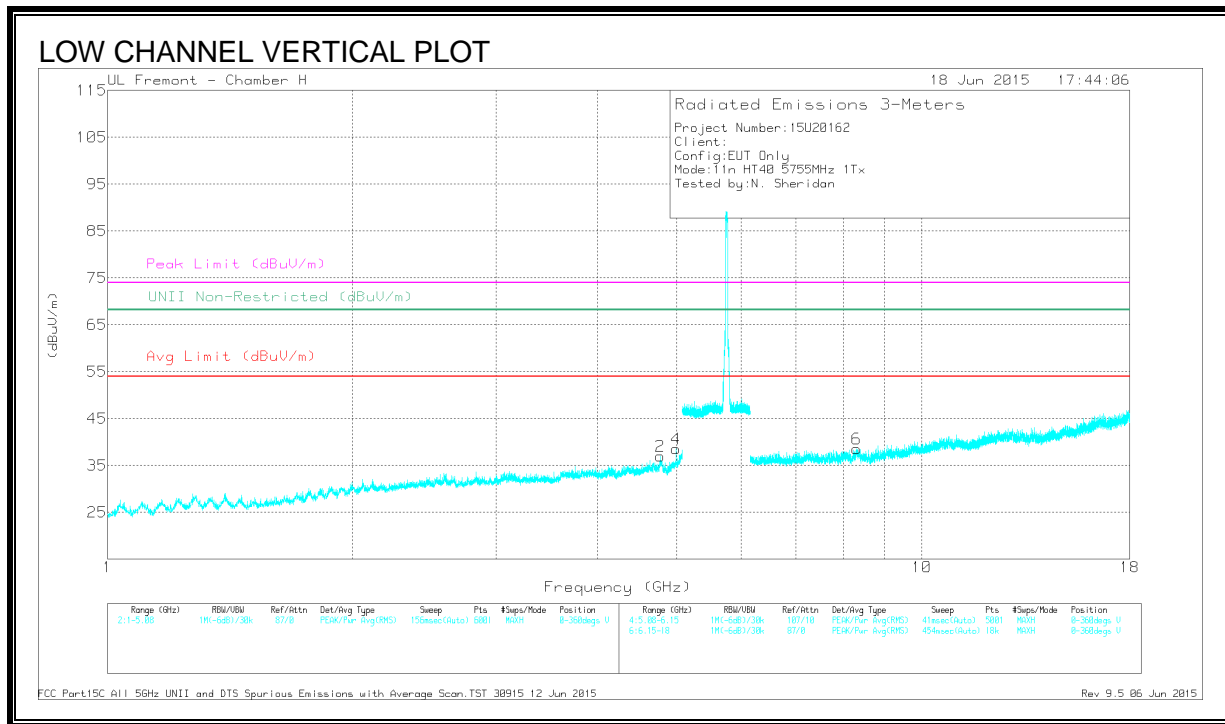
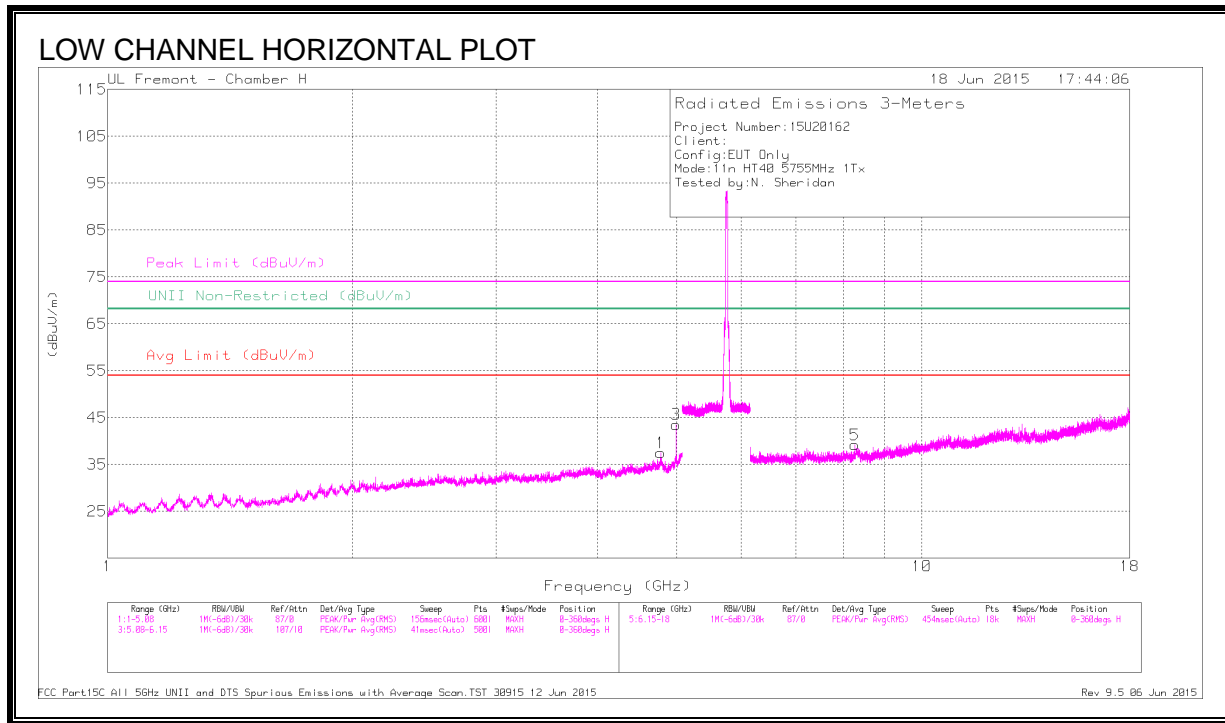
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.98	Pk	34.9	-17.7	11.8	-33.98	-17	-16.98	360	334	V
2	5.867	-61.15	Pk	35	-17.6	11.8	-31.95	-27	-4.95	360	334	V

Pk - Peak detector



**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

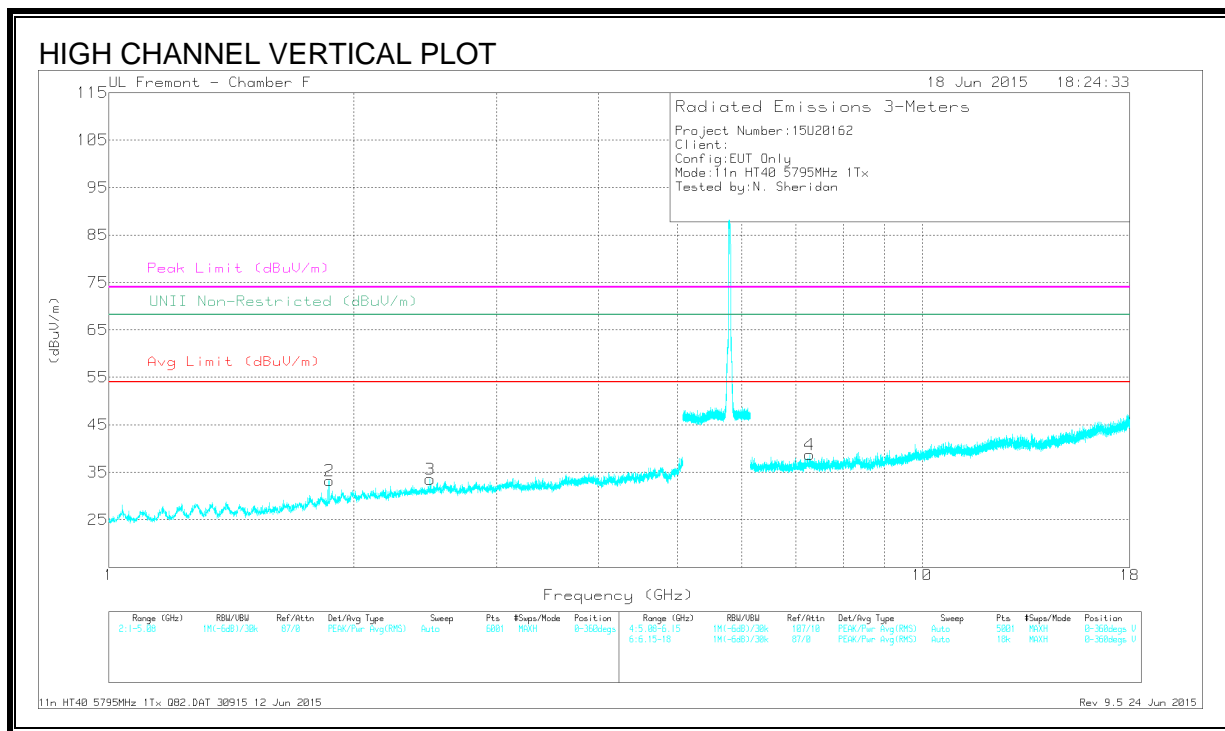
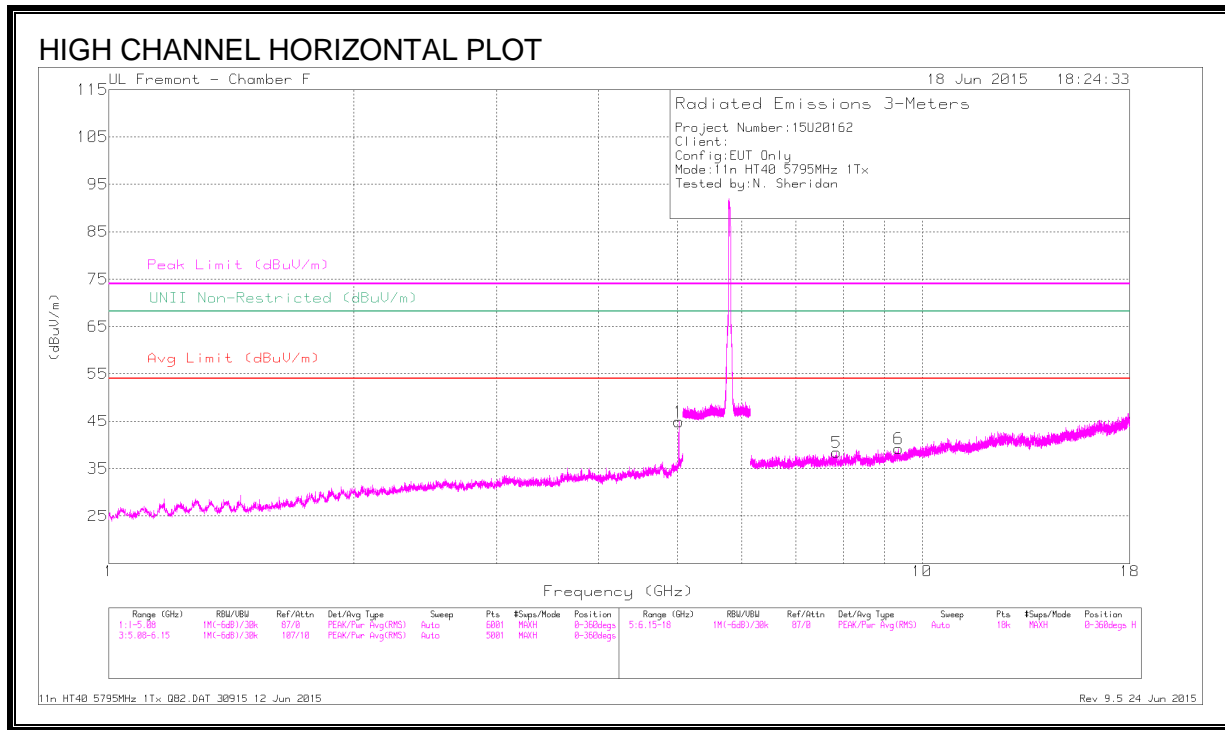
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.778	41.86	PK3	34.2	-31.9	44.16	-	-	74	-29.84	-	-	14	161	H
	* 4.776	30.65	ADR	34.2	-31.8	33.05	54	-20.95	-	-	-	-	14	161	H
2	* 4.774	41.89	PK3	34.2	-31.8	44.29	-	-	74	-29.71	-	-	188	136	V
	* 4.775	30.57	ADR	34.2	-31.8	32.97	54	-21.03	-	-	-	-	188	136	V
3	* 4.988	46.02	PK3	34.3	-31.2	49.12	-	-	74	-24.88	-	-	148	227	H
	* 4.988	39.67	ADR	34.3	-31.2	42.77	54	-11.23	-	-	-	-	148	227	H
4	* 4.988	43.91	PK3	34.3	-31.1	47.11	-	-	74	-26.89	-	-	67	274	V
	* 4.988	34.93	ADR	34.3	-31.2	38.03	54	-15.97	-	-	-	-	67	274	V
5	* 8.266	37.89	PK3	35.9	-28.2	45.59	-	-	74	-28.41	-	-	32	125	H
	* 8.268	26.82	ADR	35.9	-28.2	34.52	54	-19.48	-	-	-	-	32	125	H
6	* 8.315	37.66	PK3	35.9	-27.1	46.46	-	-	74	-27.54	-	-	14	216	V
	* 8.315	26.72	ADR	35.9	-27.1	35.52	54	-18.48	-	-	-	-	14	216	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/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	* 5.023	38.06	PK-U	34.3	-31.2	41.16	-	-	74	-32.84	-	-	310	135	H
	* 5.021	27.02	ADR	34.3	-31.2	30.12	54	-23.88	-	-	-	-	310	135	H
2	1.867	40.96	PK-U	30.6	-35	36.56	-	-	-	-	68.2	-31.64	266	121	V
	* 2.484	41.01	PK-U	32.4	-34.3	39.11	-	-	74	-34.89	-	-	266	121	V
3	* 2.484	29.03	ADR	32.4	-34.3	27.13	54	-26.87	-	-	-	-	240	121	V
4	* 7.271	37.33	PK-U	35.9	-29.2	44.03	-	-	74	-29.97	-	-	153	121	V
	* 7.273	25.57	ADR	35.9	-29.3	32.17	54	-21.83	-	-	-	-	153	121	V
5	7.855	36.88	PK-U	35.9	-28.8	43.98	-	-	-	-	68.2	-24.22	120	121	H
6	* 9.351	34.83	PK-U	36.5	-27.2	44.13	-	-	74	-29.87	-	-	264	121	H
	* 9.352	23.63	ADR	36.5	-27.2	32.93	54	-21.07	-	-	-	-	264	121	H

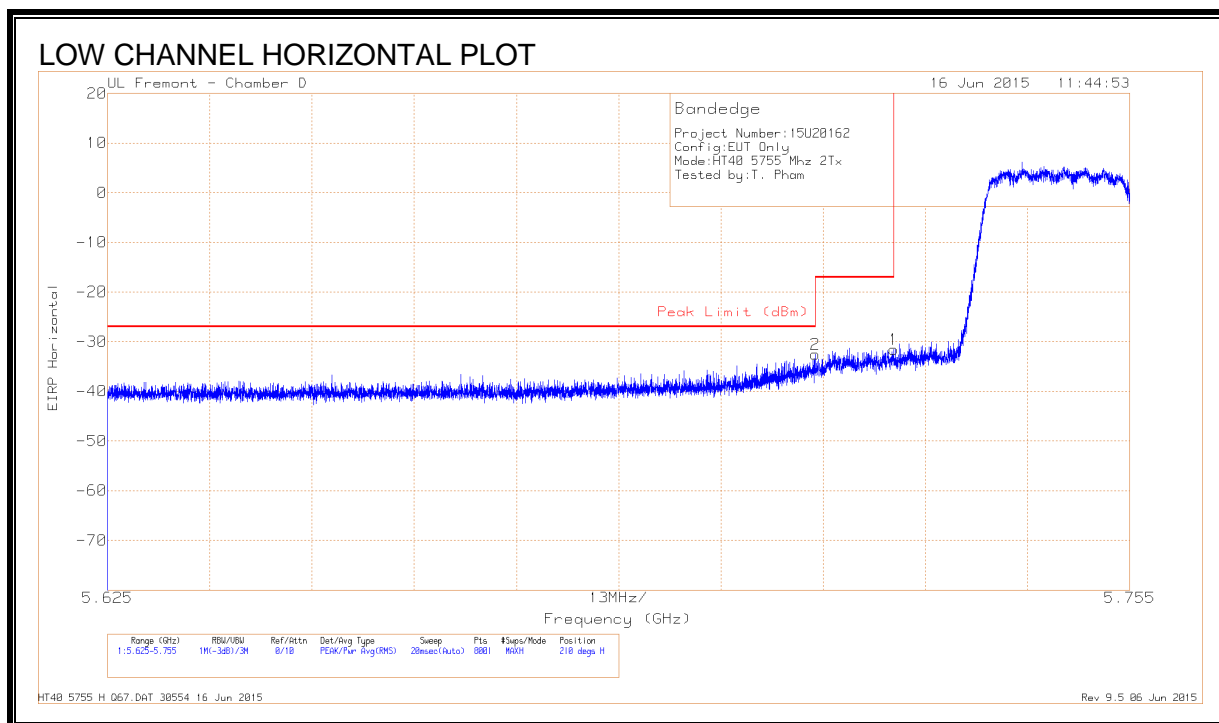
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### RESTRICTED BANDEDGE (LOW CHANNEL)

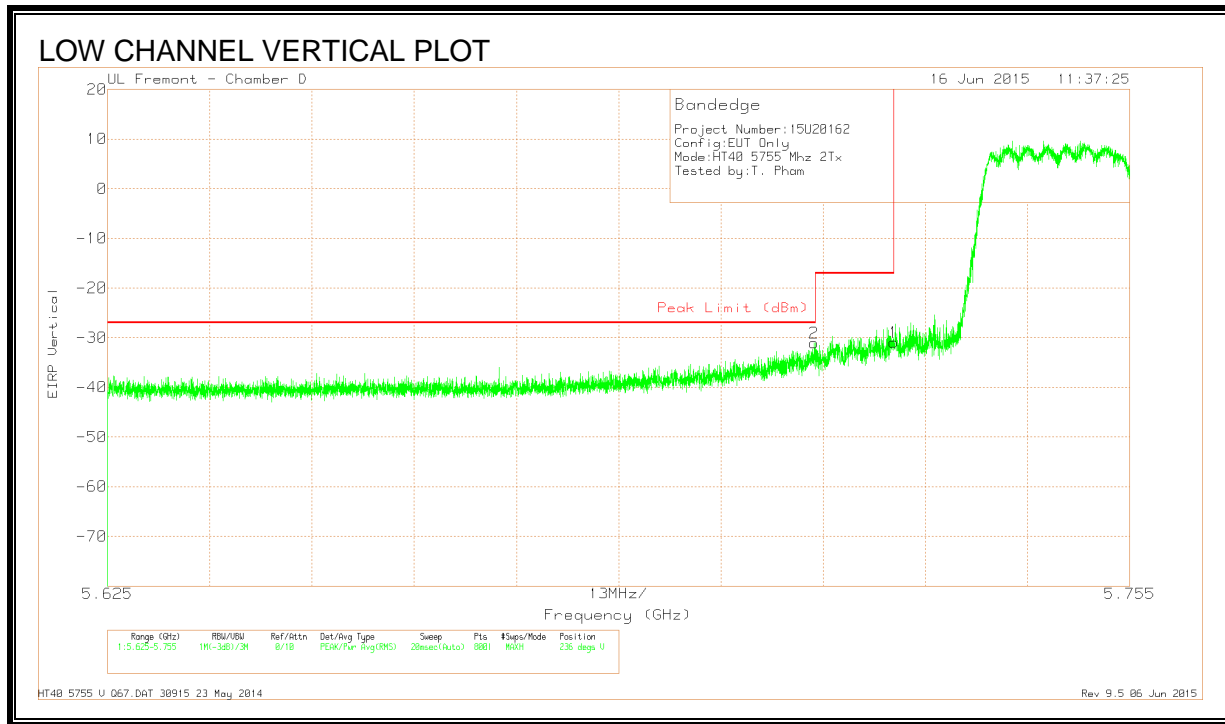


#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.33	Pk	34.6	-17.6	11.8	-31.53	-17	-14.53	210	193	H
2	5.715	-61.44	Pk	34.6	-17.5	11.8	-32.54	-27	-5.54	210	193	H

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

Pk - Peak detector



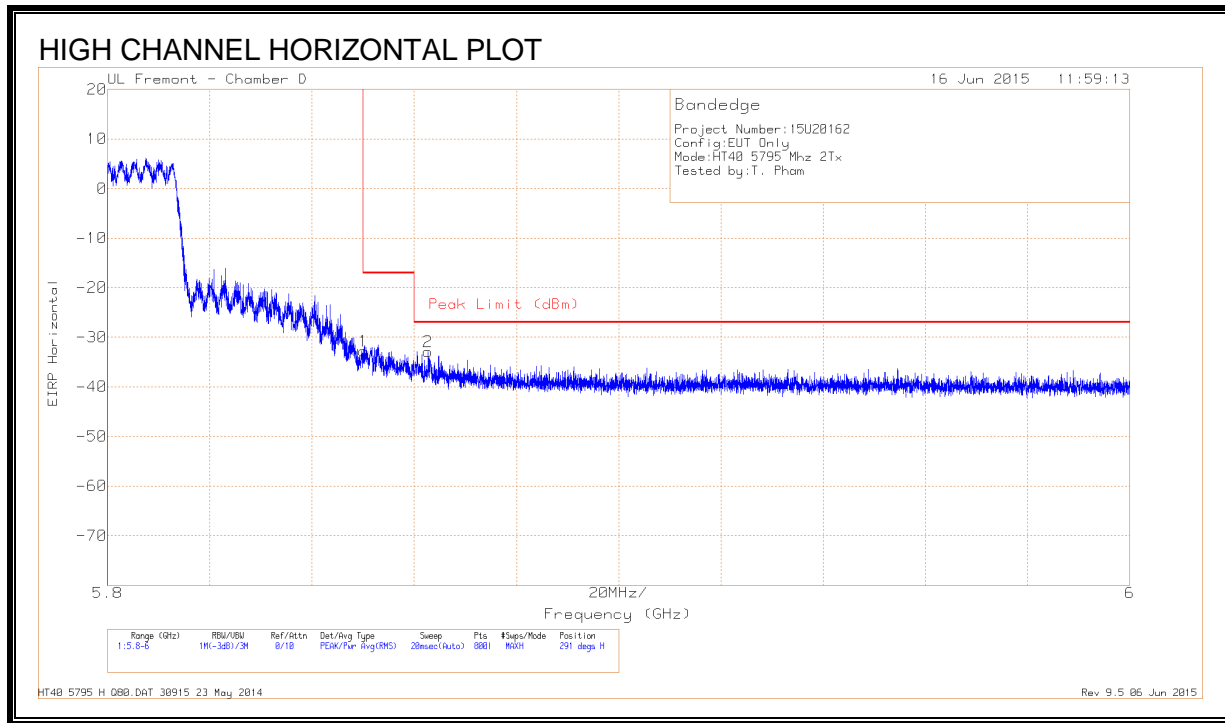
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.7	Pk	34.6	-17.6	11.8	-30.9	-17	-13.9	236	117	V
2	5.715	-59.92	Pk	34.6	-17.5	11.8	-31.02	-27	-4.02	236	117	V

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

Pk - Peak detector

**RESTRICTED BANDEGE (HIGH CHANNEL)**

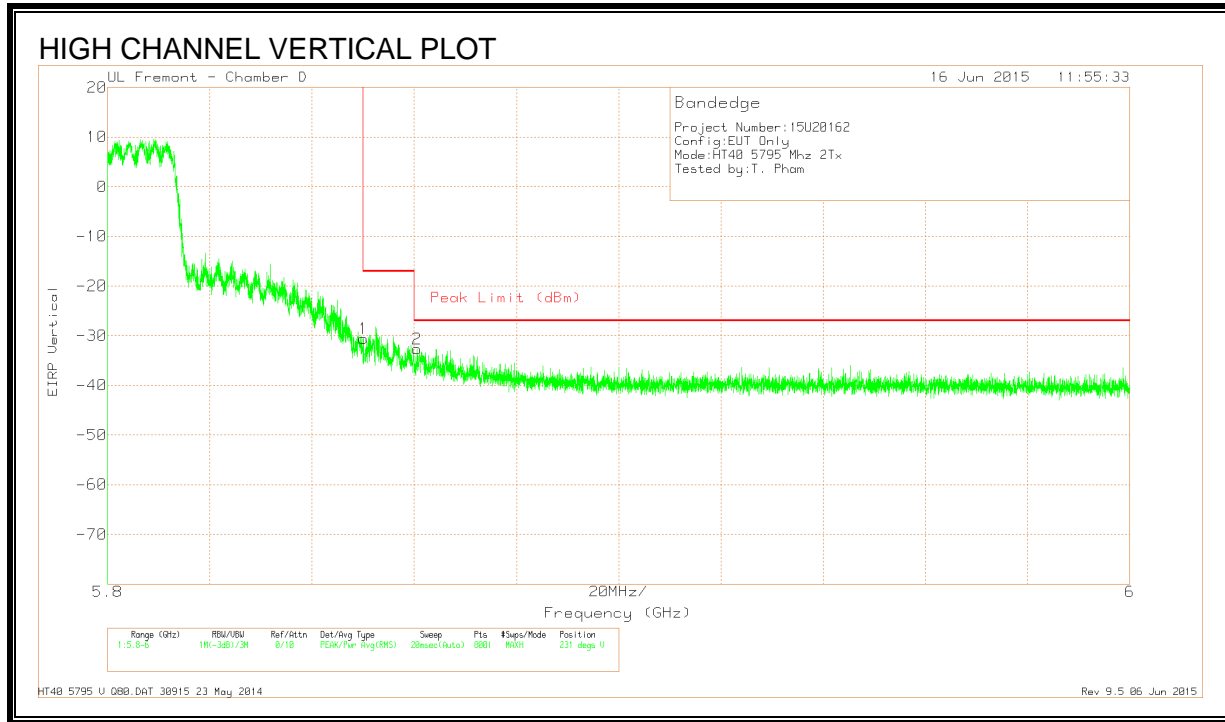


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.74	Pk	34.9	-17.7	11.8	-32.74	-17	-15.74	291	336	H
2	5.863	-61.6	Pk	35	-17.6	11.8	-32.4	-27	-5.4	291	336	H

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

Pk - Peak detector



**DATA**

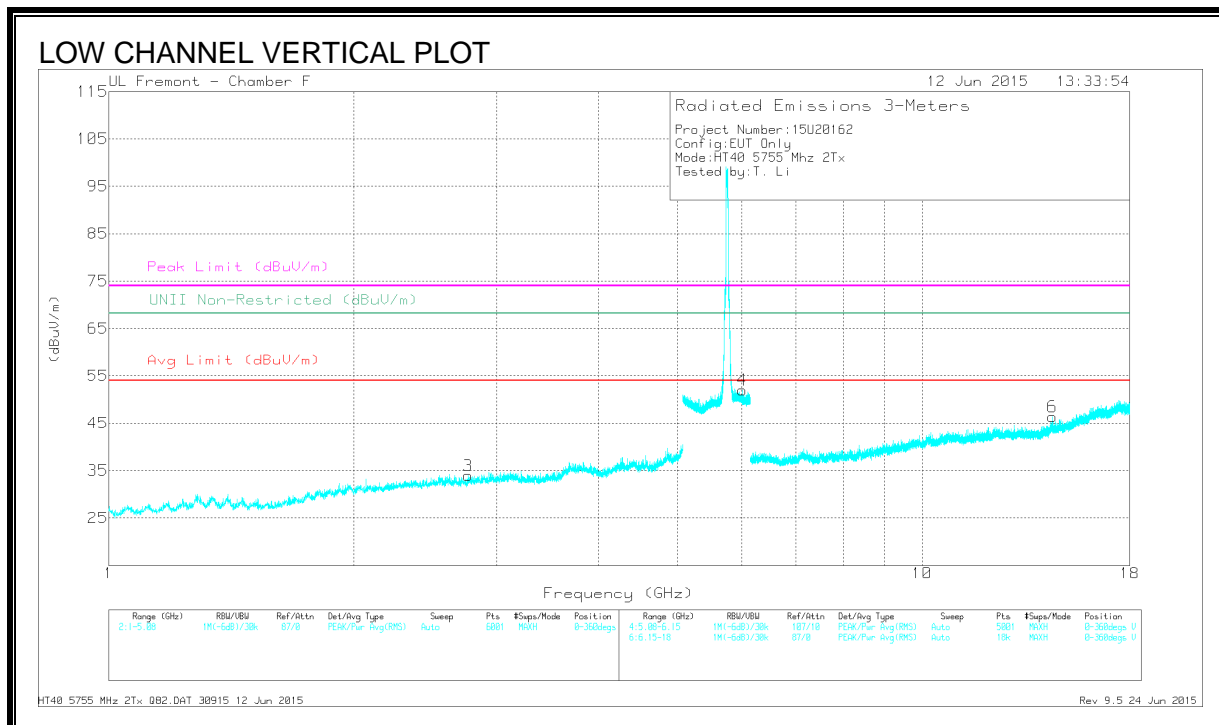
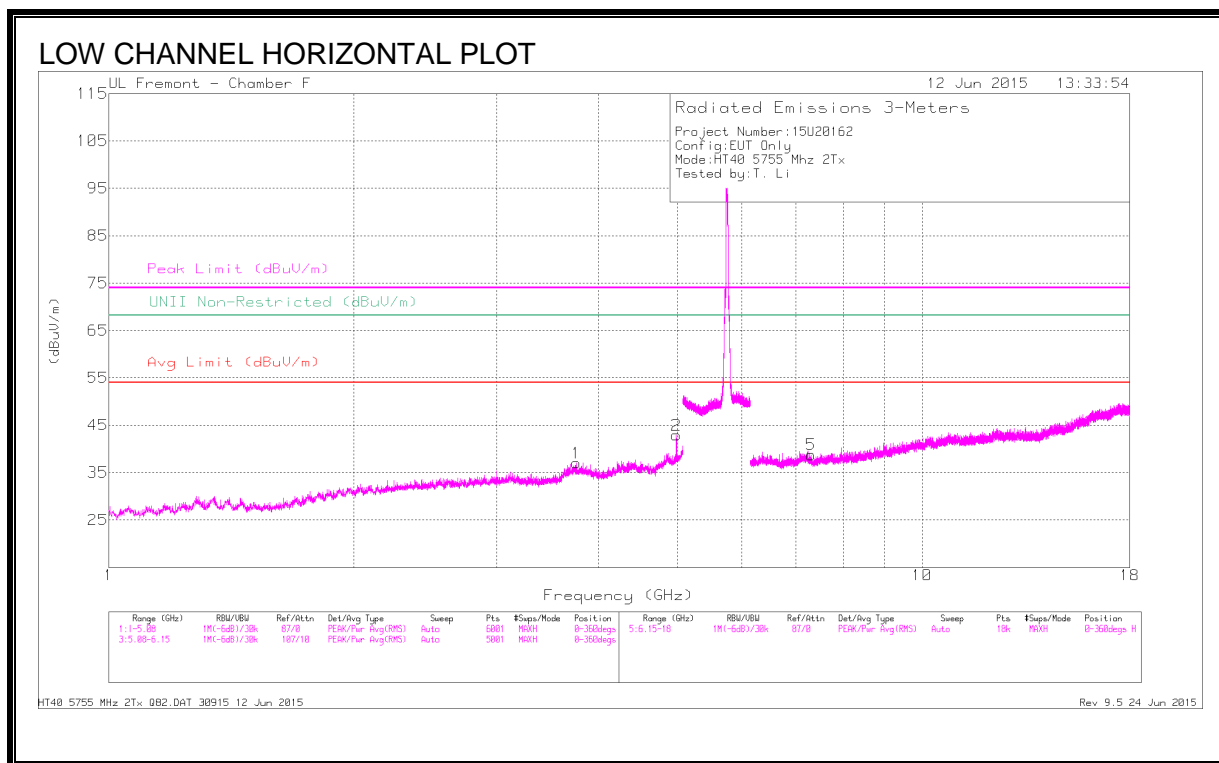
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.52	Pk	34.9	-17.7	11.8	-30.52	-17	-13.52	231	339	V
2	5.861	-61.88	Pk	35	-17.6	11.8	-32.68	-27	-5.68	231	339	V

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

Pk - Peak detector



**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

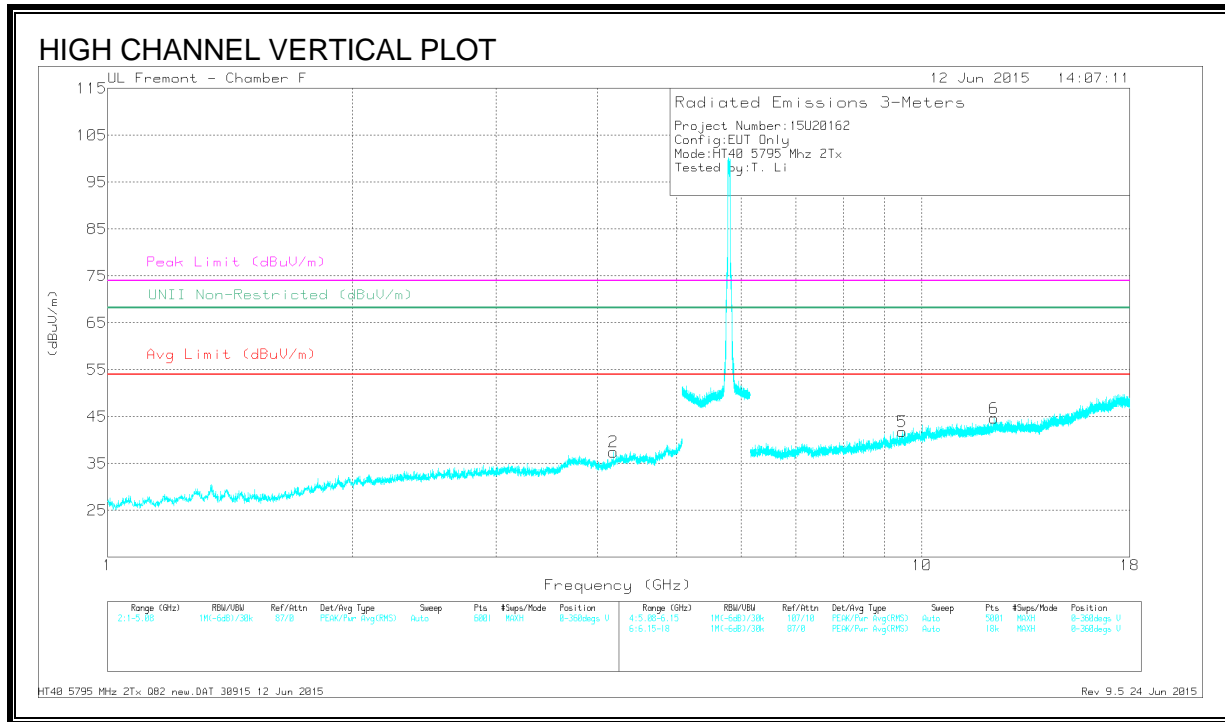
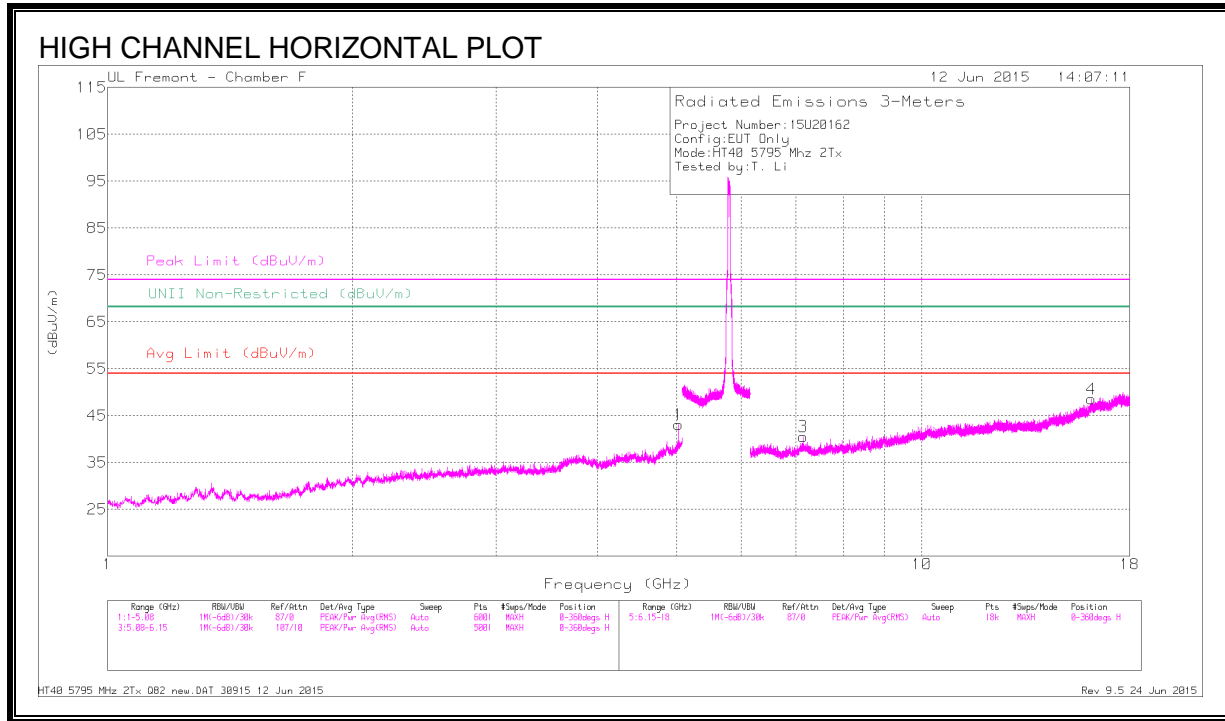
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.757	39.46	PK-U	33.3	-29	43.76	-	-	74	-30.24	-	-	266	121	H
	* 3.76	27.48	ADR	33.3	-28.9	31.88	54	-22.12	-	-	-	-	266	121	H
2	* 4.992	38.33	PK-U	34.3	-26.8	45.83	-	-	74	-28.17	-	-	333	103	H
	* 4.986	26.45	ADR	34.2	-26.9	33.75	54	-20.25	-	-	-	-	333	103	H
3	* 2.766	40.33	PK-U	32.5	-30.1	42.73	-	-	74	-31.27	-	-	49	146	V
	* 2.764	28.27	ADR	32.5	-30.1	30.67	54	-23.33	-	-	-	-	49	146	V
4	6.008	42.26	PK-U	35.5	-17.6	60.16	-	-	-	-	68.2	-8.04	303	201	V
5	* 7.305	37.07	PK-U	35.5	-25.7	46.87	-	-	74	-27.13	-	-	185	104	H
	* 7.305	25.94	ADR	35.5	-25.7	35.74	54	-18.26	-	-	-	-	185	104	H
6	14.457	37.89	PK-U	39.5	-22.5	54.89	-	-	-	-	68.2	-13.31	306	167	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 T344 (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	* 5.022	42.52	PK-U	34.3	-26	50.82	-	-	74	-23.18	-	-	313	194	H
	* 5.022	35.25	ADR	34.3	-26	43.55	54	-10.45	-	-	-	-	313	194	H
2	* 4.183	38.94	PK-U	33.5	-28.2	44.24	-	-	74	-29.76	-	-	184	122	V
	* 4.18	27.73	ADR	33.5	-28.3	32.93	54	-21.07	-	-	-	-	184	122	V
3	7.147	37.22	PK-U	35.5	-24	48.72	-	-	-	-	68.2	-19.48	96	216	H
4	* 16.134	34.78	PK-U	41.3	-20.1	55.98	-	-	74	-18.02	-	-	124	180	H
	* 16.133	23.6	ADR	41.3	-20.1	44.8	54	-9.2	-	-	-	-	124	180	H
5	* 9.454	34.26	PK-U	36.5	-21.6	49.16	-	-	74	-24.84	-	-	236	231	V
	* 9.454	23.23	ADR	36.5	-21.6	38.13	54	-15.87	-	-	-	-	236	231	V
6	* 12.259	35	PK-U	38.9	-21.7	52.2	-	-	74	-21.8	-	-	102	164	V
	* 12.258	24.09	ADR	38.9	-21.7	41.29	54	-12.71	-	-	-	-	102	164	V

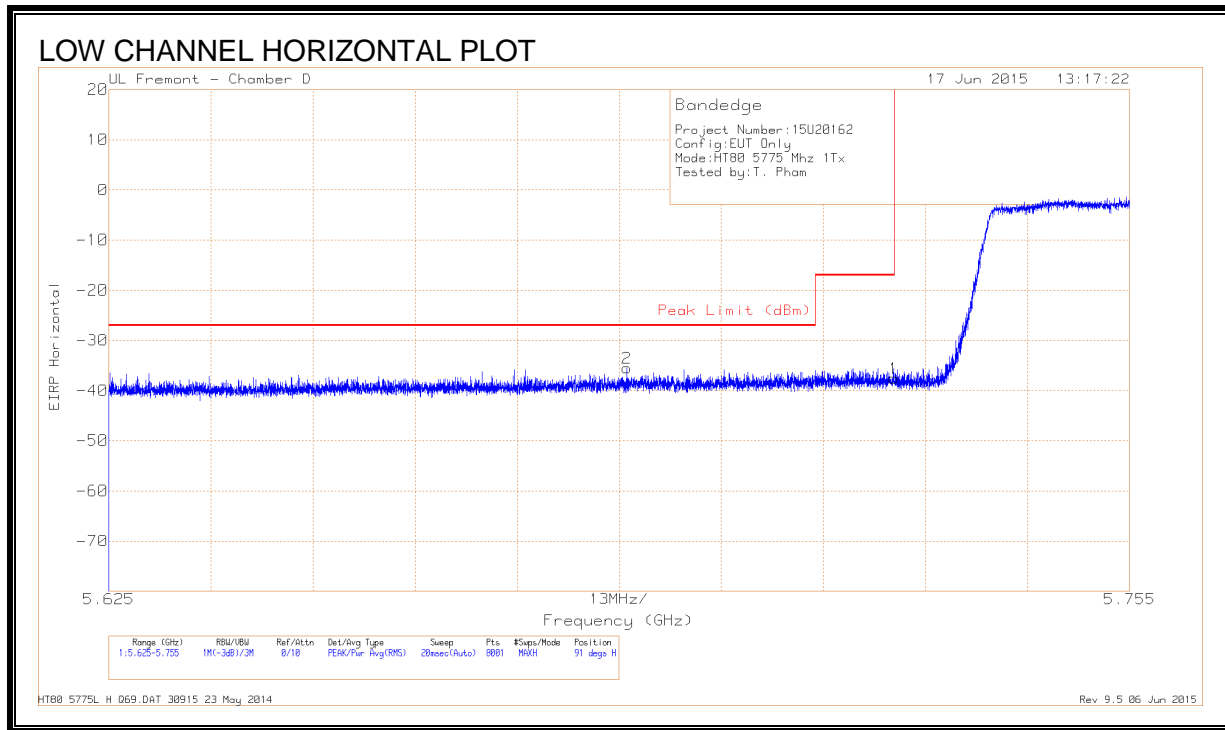
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

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

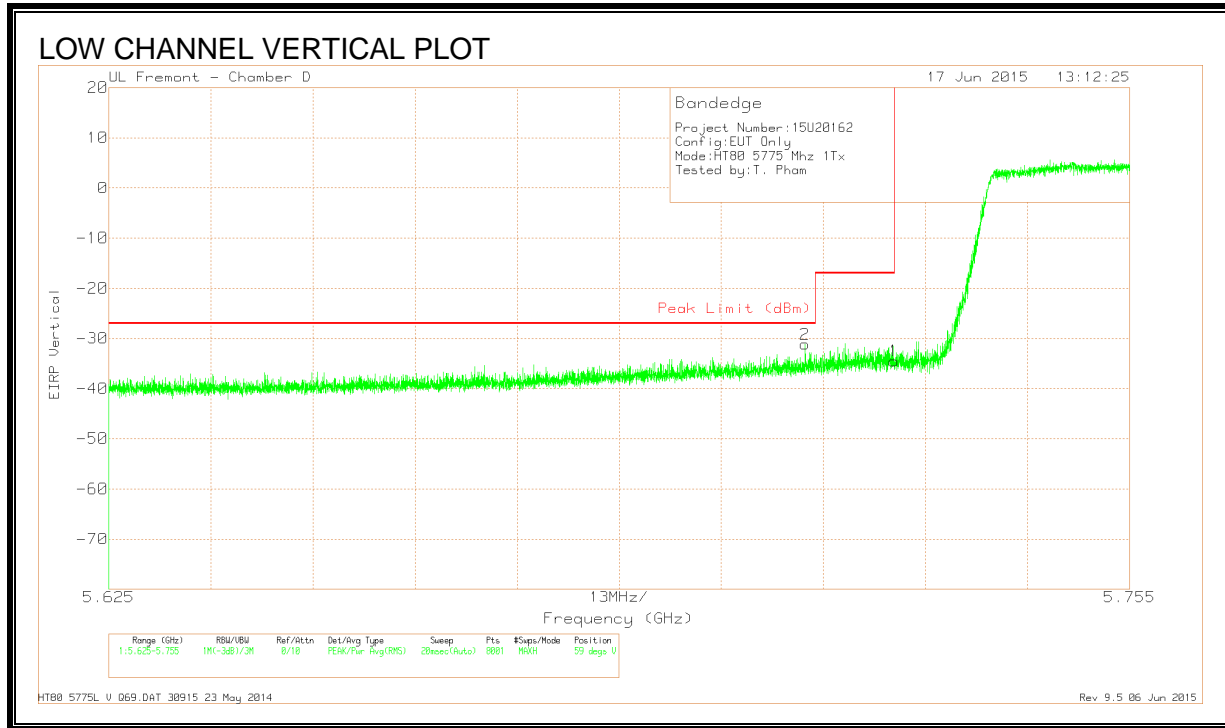


#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.38	Pk	34.6	-17.6	11.8	0	-37.58	-17	-20.58	91	193	H
2	5.691	-64.53	Pk	34.5	-17.3	11.8	0	-35.53	-27	-8.53	91	193	H

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

Pk - Peak detector



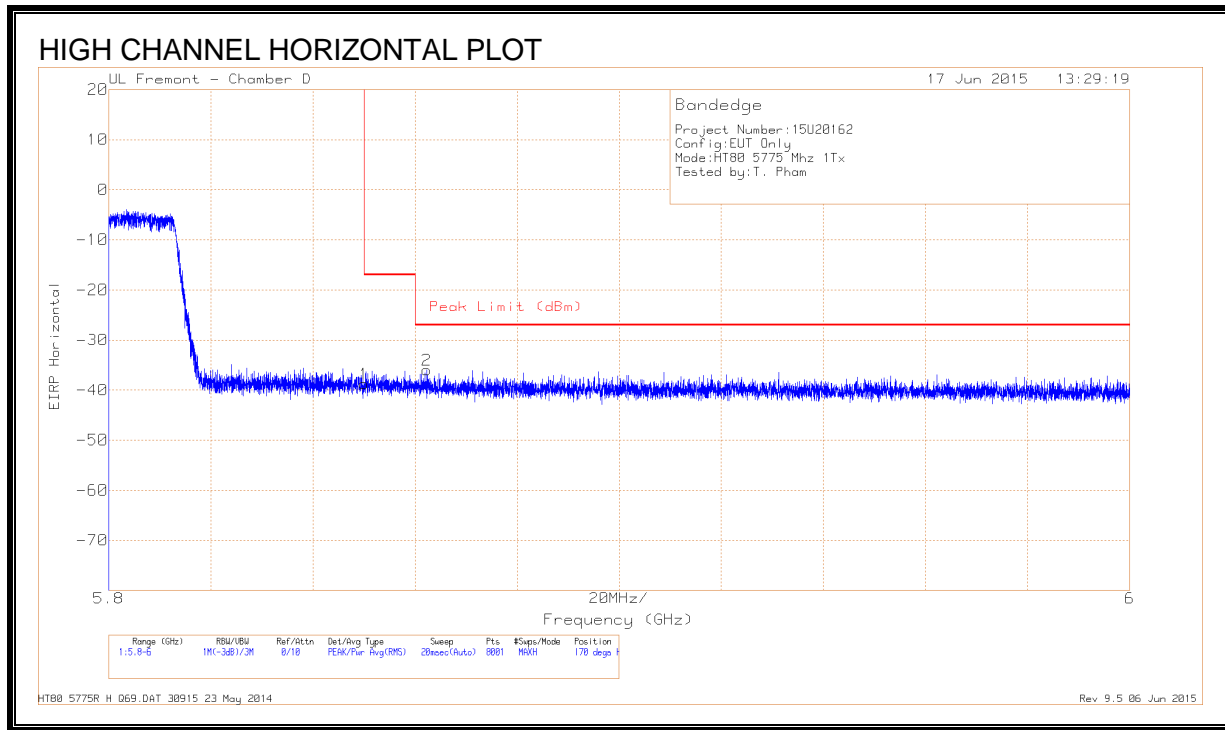
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.27	Pk	34.6	-17.6	11.8	0	-34.47	-17	-17.47	59	243	V
2	5.714	-60.08	Pk	34.6	-17.5	11.8	0	-31.18	-27	-4.18	59	243	V

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

Pk - Peak detector

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

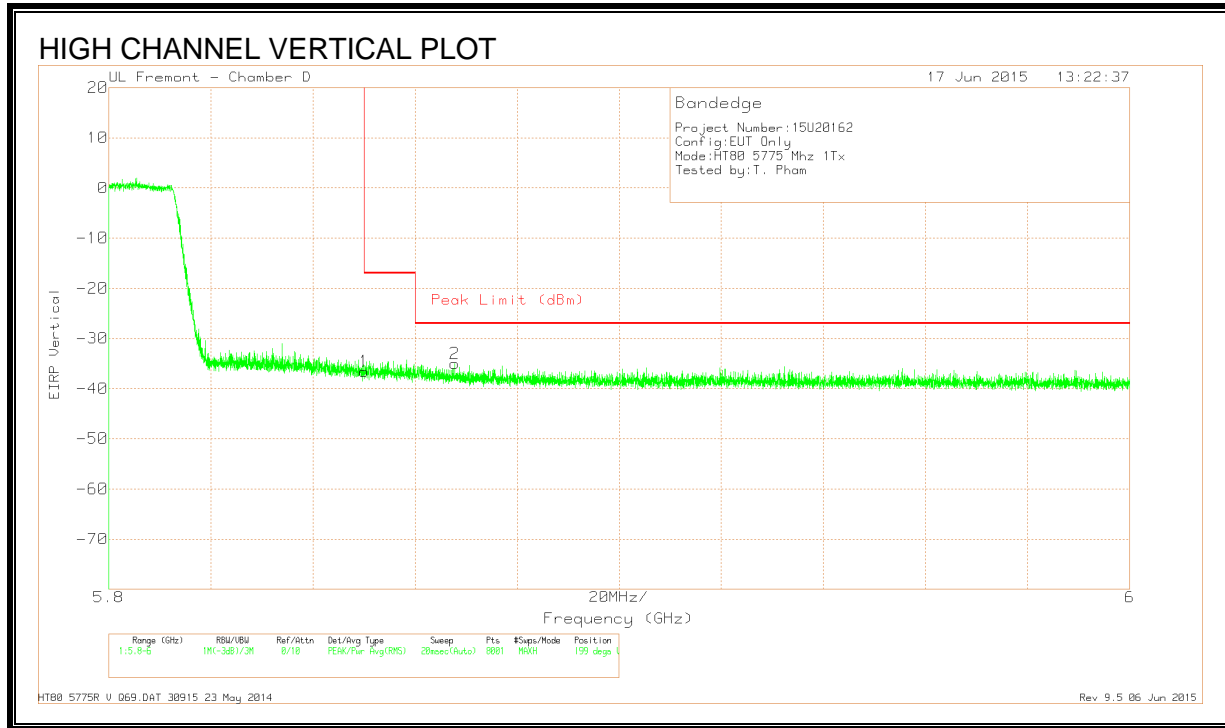


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/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	-67.78	Pk	34.9	-17.7	11.8	0	-38.78	-17	-21.78	170	313	H
2	5.862	-65.2	Pk	35	-17.6	11.8	0	-36	-27	-9	170	313	H

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

Pk - Peak detector



**DATA**

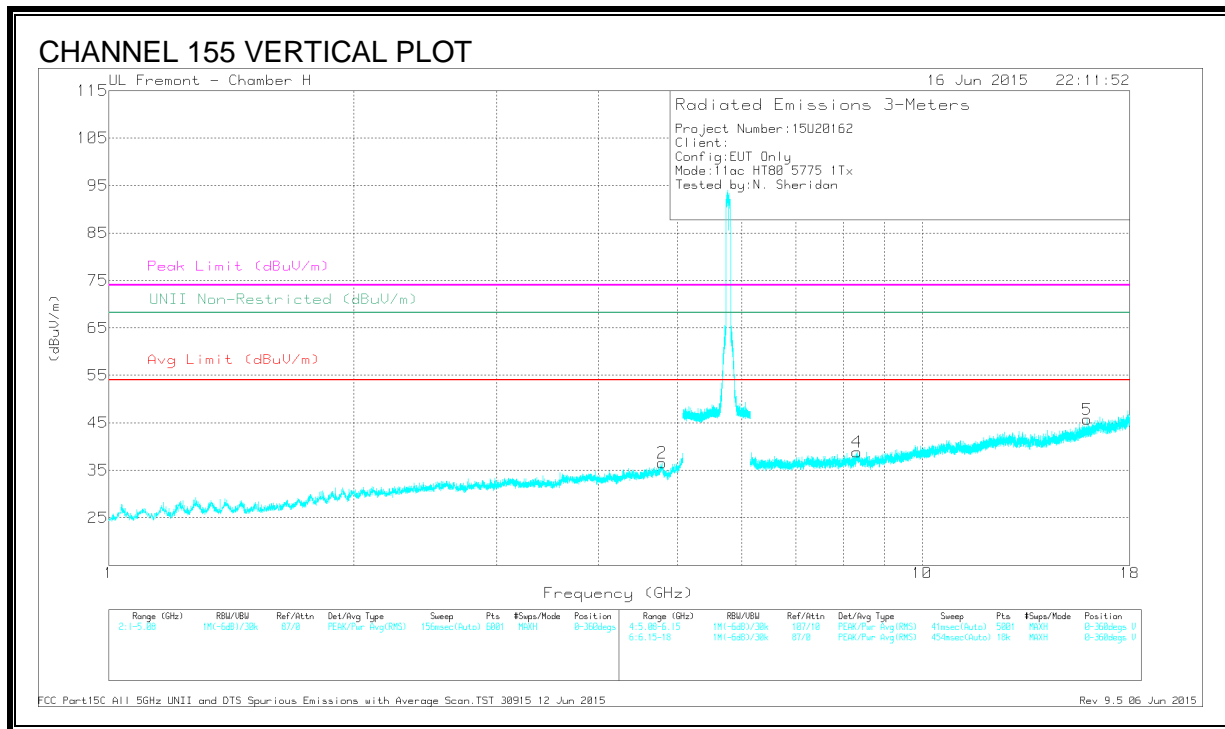
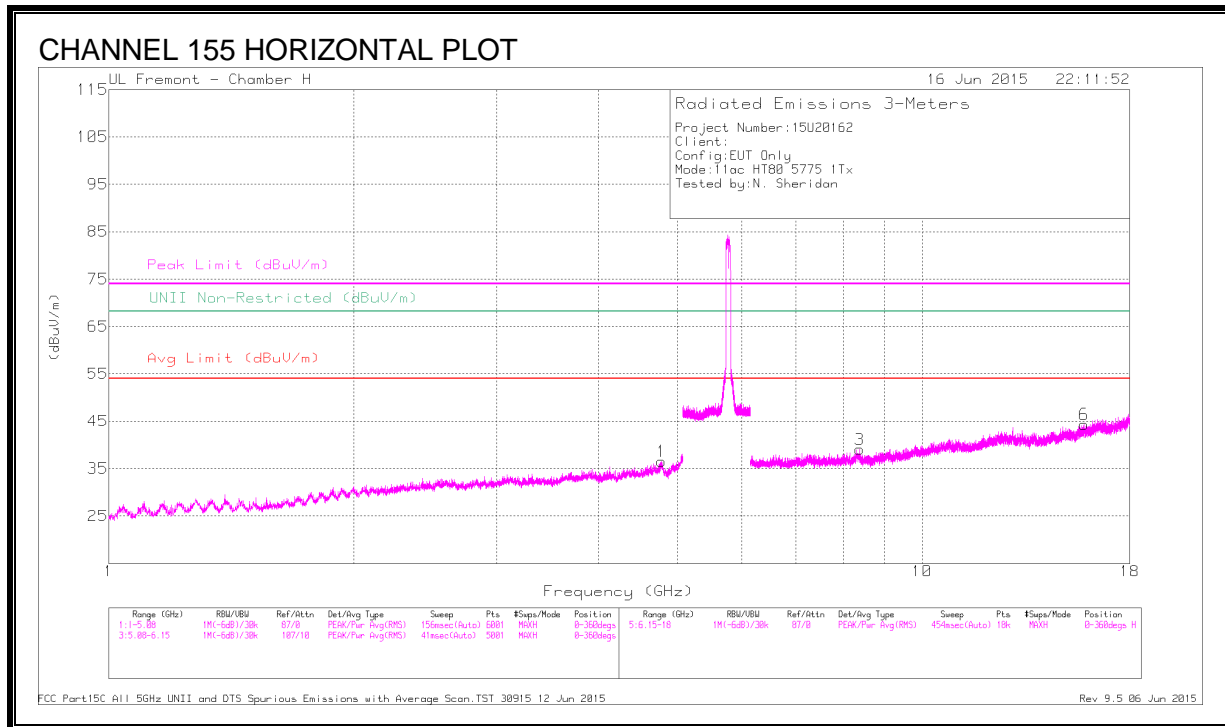
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.54	Pk	34.9	-17.7	11.8	0	-36.54	-17	-19.54	199	295	V
2	5.868	-64.19	Pk	35	-17.6	11.8	0	-34.99	-27	-7.99	199	295	V

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

Pk - Peak detector



**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

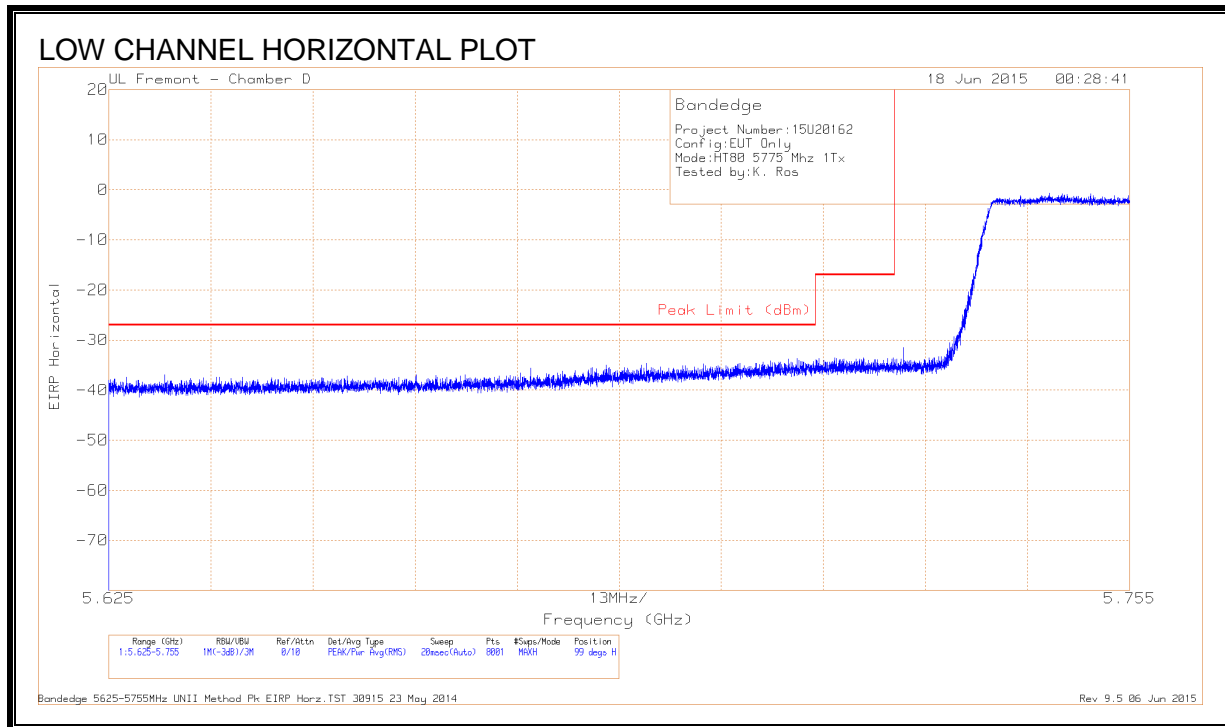
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.783	42.06	PK3	34.2	-31.9	0	44.36	-	-	74	-29.64	-	-	16	202	H
	* 4.781	30.49	ADR	34.2	-31.9	.18	32.97	54	-21.03	-	-	-	-	16	202	H
2	* 4.794	42.16	PK3	34.2	-32.1	0	44.26	-	-	74	-29.74	-	-	254	140	V
	* 4.791	30.11	ADR	34.2	-32.1	.18	32.39	54	-21.61	-	-	-	-	254	140	V
3	* 8.378	38.42	PK3	35.9	-27.8	0	46.52	-	-	74	-27.48	-	-	357	148	H
	* 8.379	26.67	ADR	35.9	-27.8	.18	34.95	54	-19.05	-	-	-	-	357	148	H
4	* 8.318	37.56	PK3	35.9	-27.2	0	46.26	-	-	74	-27.74	-	-	185	202	V
	* 8.316	26.74	ADR	35.9	-27.1	.18	35.72	54	-18.28	-	-	-	-	185	202	V
5	* 15.963	35.75	PK3	41	-24.8	0	51.95	-	-	74	-22.05	-	-	335	100	V
	* 15.962	24.54	ADR	41	-24.8	.18	40.92	54	-13.08	-	-	-	-	335	100	V
6	* 15.819	35.52	PK3	40.9	-24.8	0	51.62	-	-	74	-22.38	-	-	210	202	H
	* 15.82	24.46	ADR	40.9	-24.8	.18	40.74	54	-13.26	-	-	-	-	210	202	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

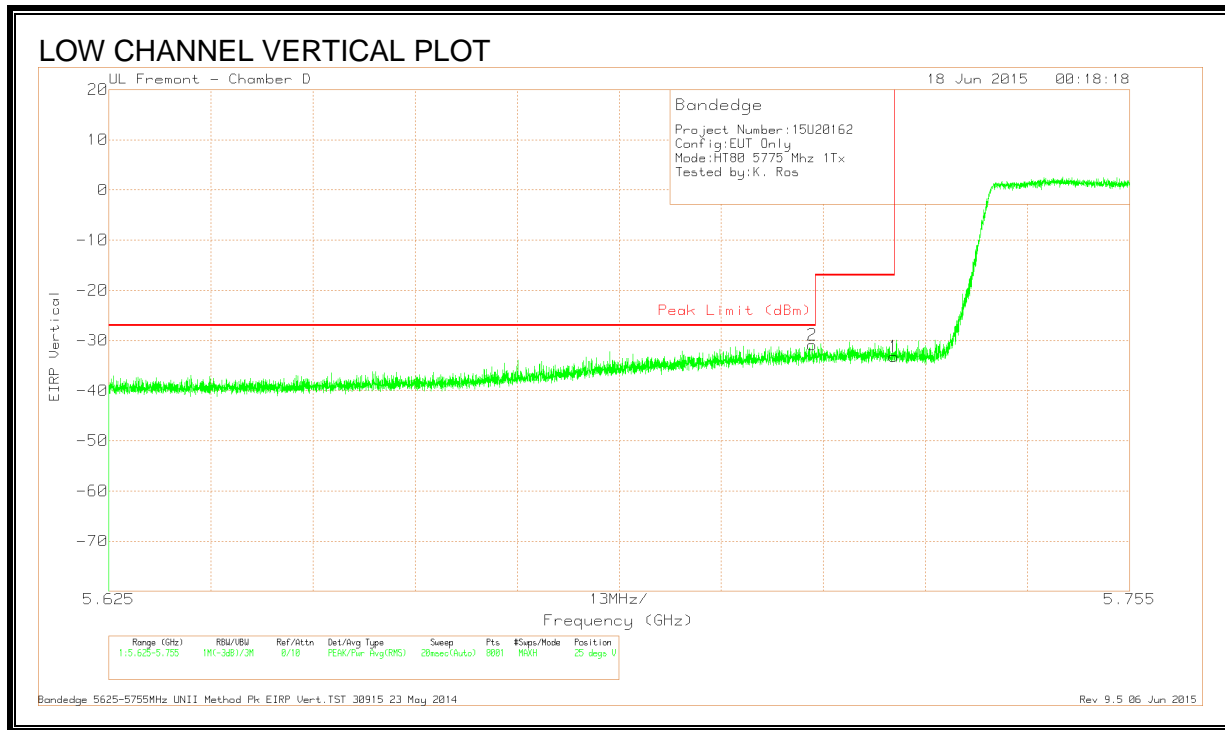
**RESTRICTED BANDEGE, CHAIN 1 (LOW)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.38	Pk	34.6	-17.6	11.8	0	-36.58	-17	-19.58	99	250	H
2	5.713	-62.63	Pk	34.6	-17.5	11.8	0	-33.73	-27	-6.73	99	250	H

Pk - Peak detector

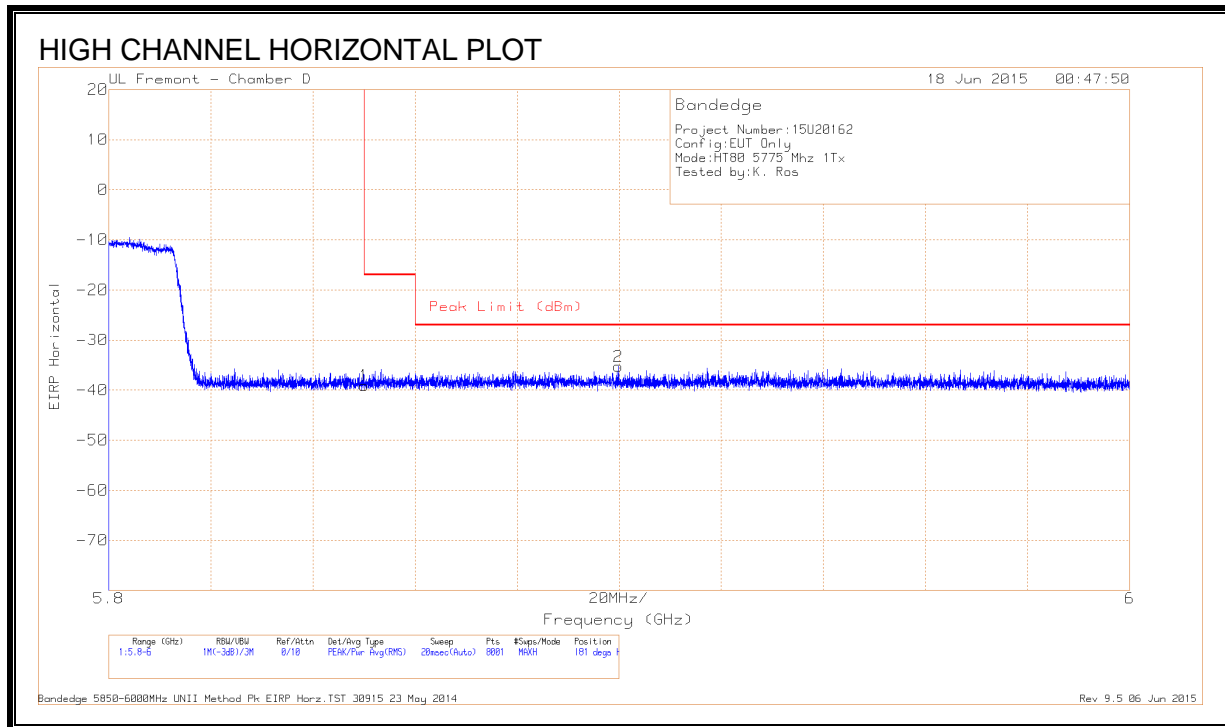


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-61.96	Pk	34.6	-17.6	11.8	0	-33.16	-17	-16.16	25	289	V
2	5.715	-59.77	Pk	34.6	-17.5	11.8	0	-30.87	-27	-3.87	25	289	V

Pk - Peak detector

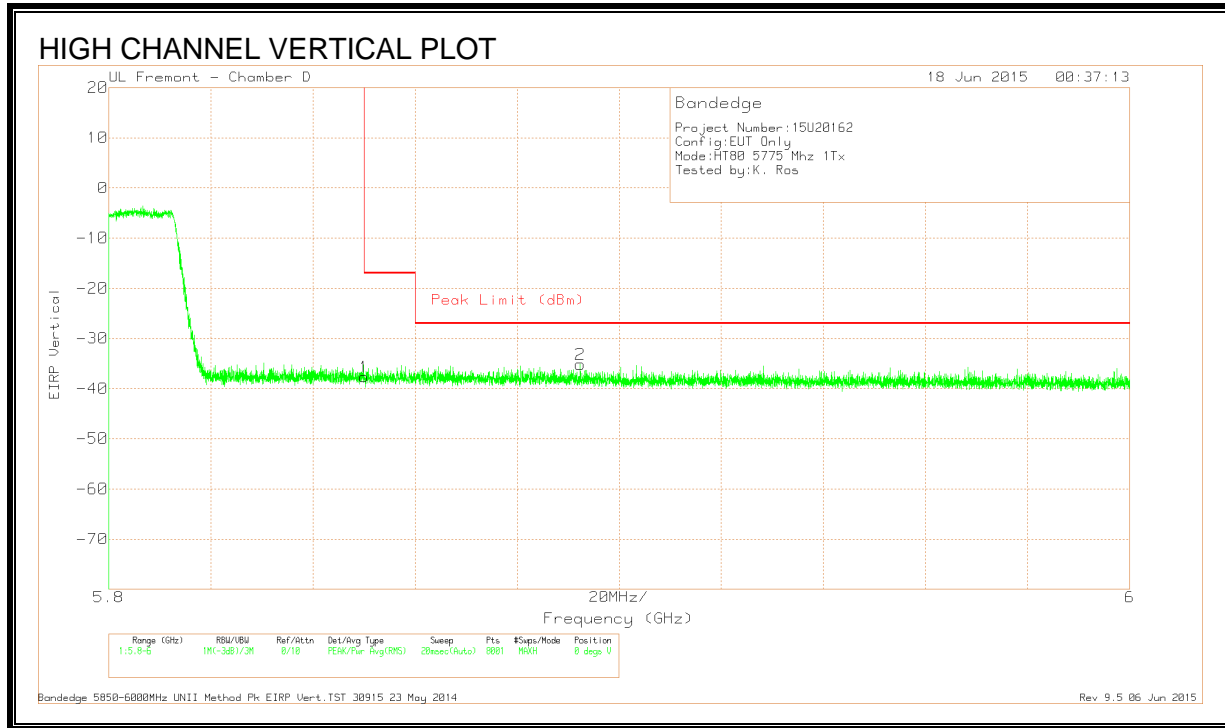
**RESTRICTED BANDEGE, CHAIN 1 (HIGH)**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.06	Pk	34.9	-17.7	11.8	0	-39.06	-17	-22.06	181	178	H
2	5.9	-64.77	Pk	35.1	-17.4	11.8	0	-35.27	-27	-8.27	181	178	H

Pk - Peak detector

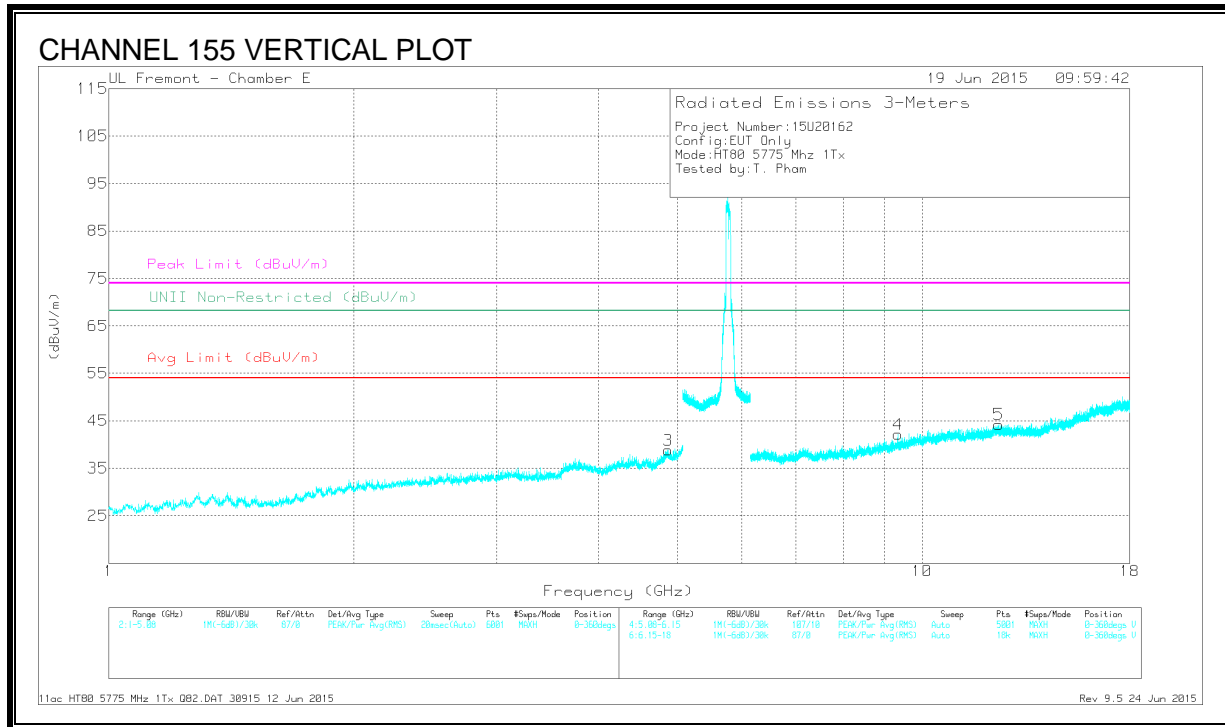
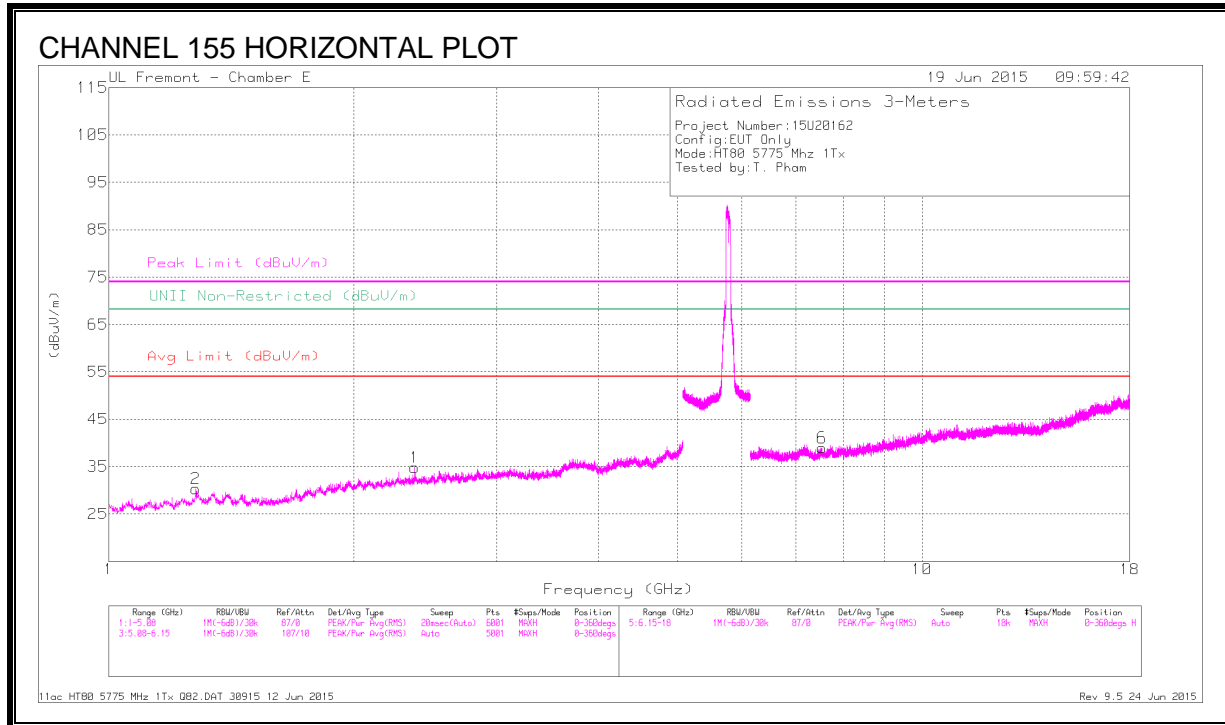


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-66.7	Pk	34.9	-17.7	11.8	0	-37.7	-17	-20.7	0	247	V
2	5.892	-64.57	Pk	35	-17.4	11.8	0	-35.17	-27	-8.17	0	247	V

Pk - Peak detector

**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.874	39.87	PK-U	34.1	-25.2	0	48.77	-	-	74	-25.23	-	-	114	308	V
	* 4.873	29.15	ADR	34.1	-25.2	.18	38.23	54	-15.77	-	-	-	-	114	308	V
2	* 2.379	42.2	PK-U	32.1	-30.5	0	43.8	-	-	74	-30.2	-	-	61	258	H
	* 2.378	29.77	ADR	32.1	-30.5	.18	31.55	54	-22.45	-	-	-	-	61	258	H
3	* 7.53	38.9	PK-U	35.5	-24.9	0	49.5	-	-	74	-24.5	-	-	176	140	H
	* 7.53	27.38	ADR	35.5	-24.9	.18	38.16	54	-15.84	-	-	-	-	176	140	H
4	* 12.418	37.74	PK-U	39	-21.9	0	54.84	-	-	74	-19.16	-	-	260	230	V
	* 12.419	26.57	ADR	39	-21.9	.18	43.85	54	-10.15	-	-	-	-	260	230	V
5	* 1.279	43.45	PK-U	28.8	-31.9	0	40.35	-	-	74	-33.65	-	-	32	240	H
	* 1.28	32.13	ADR	28.8	-31.9	.18	29.21	54	-24.79	-	-	-	-	32	240	H
6	* 9.34	38.18	PK-U	36.4	-21.9	0	52.68	-	-	74	-21.32	-	-	205	111	V
	* 9.34	26.86	ADR	36.4	-21.9	.18	41.54	54	-12.46	-	-	-	-	205	111	V

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

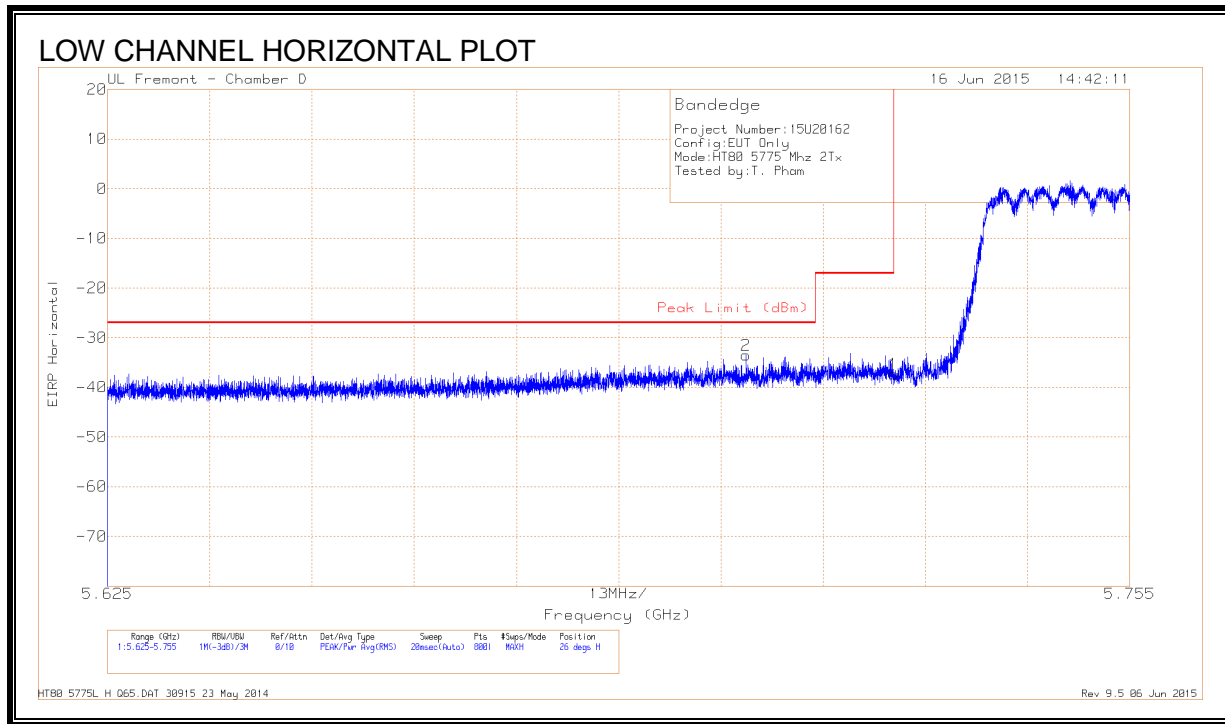
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



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

#### RESTRICTED BANDEDGE (LOW)

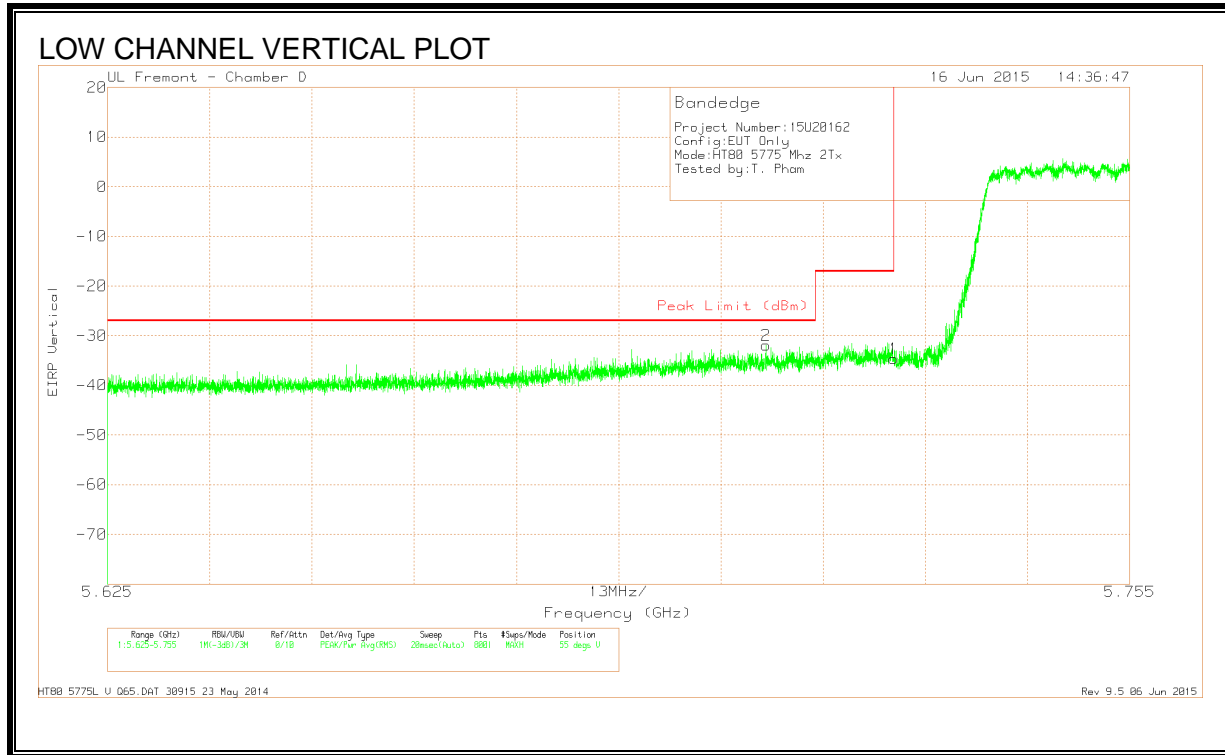


#### DATA

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.07	Pk	34.6	-17.6	11.8	0	-37.27	-17	-20.27	26	160	H
2	5.706	-62.33	Pk	34.5	-17.5	11.8	0	-33.53	-27	-6.53	26	160	H

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

Pk - Peak detector



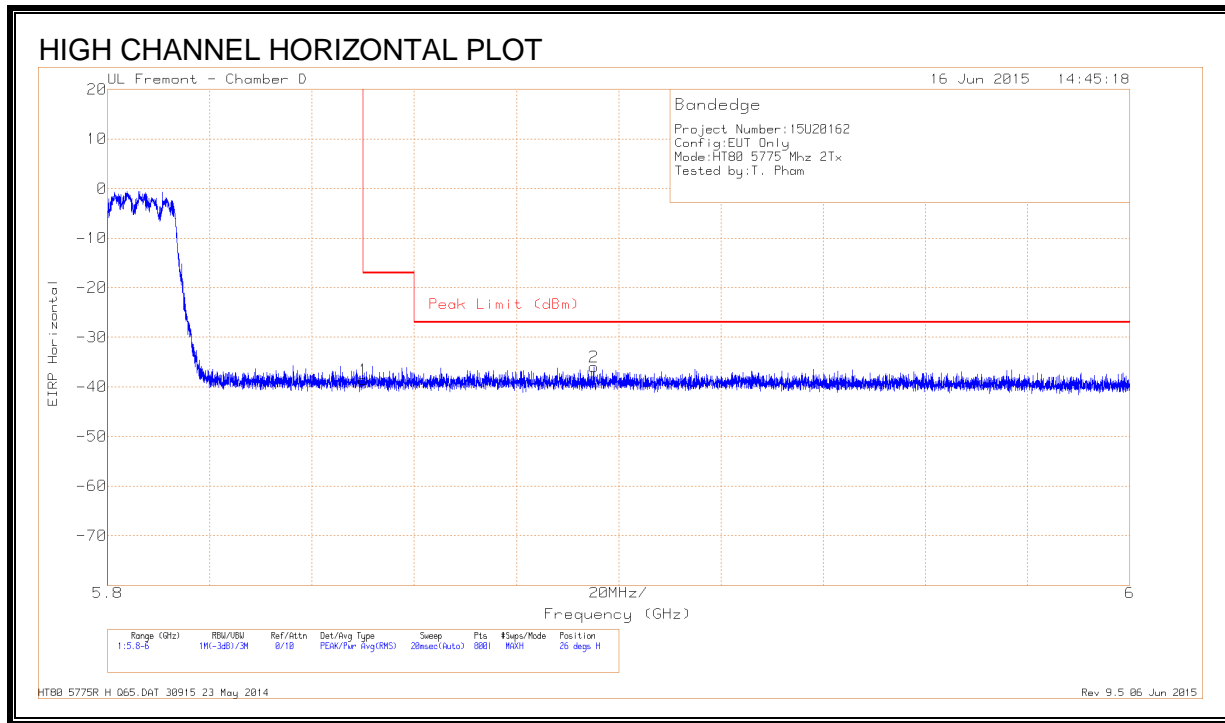
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.44	Pk	34.6	-17.6	11.8	0	-34.64	-17	-17.64	55	105	V
2	5.709	-60.68	Pk	34.5	-17.5	11.8	0	-31.88	-27	-4.88	55	105	V

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

Pk - Peak detector

**RESTRICTED BANDEDGE (HIGH)**

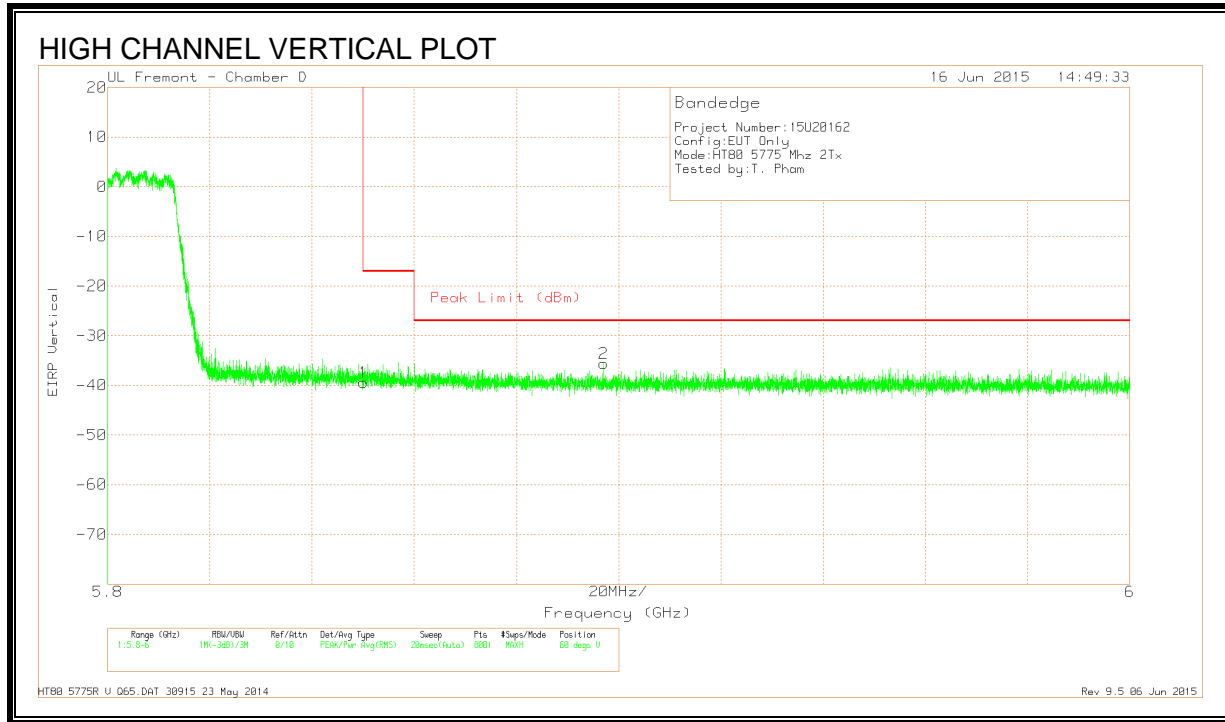


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/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	-67.5	Pk	34.9	-17.7	11.8	0	-38.5	-17	-21.5	26	160	H
2	5.895	-65.4	Pk	35	-17.4	11.8	0	-36	-27	-9	26	160	H

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

Pk - Peak detector

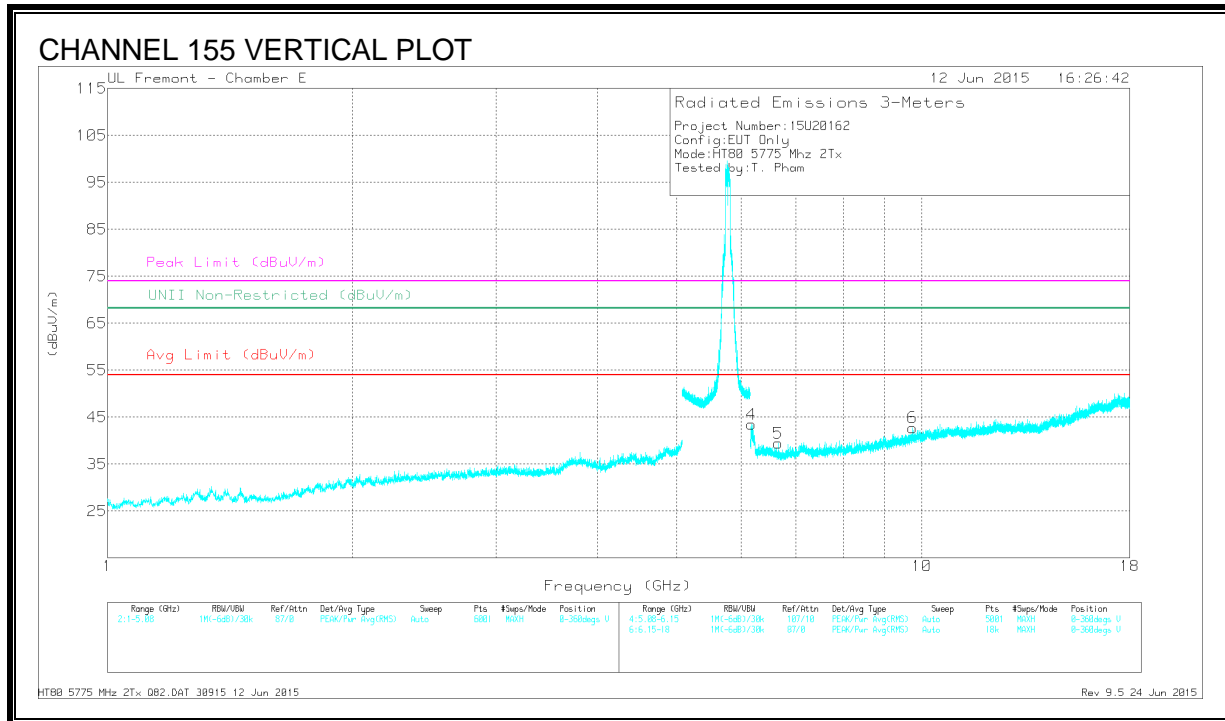
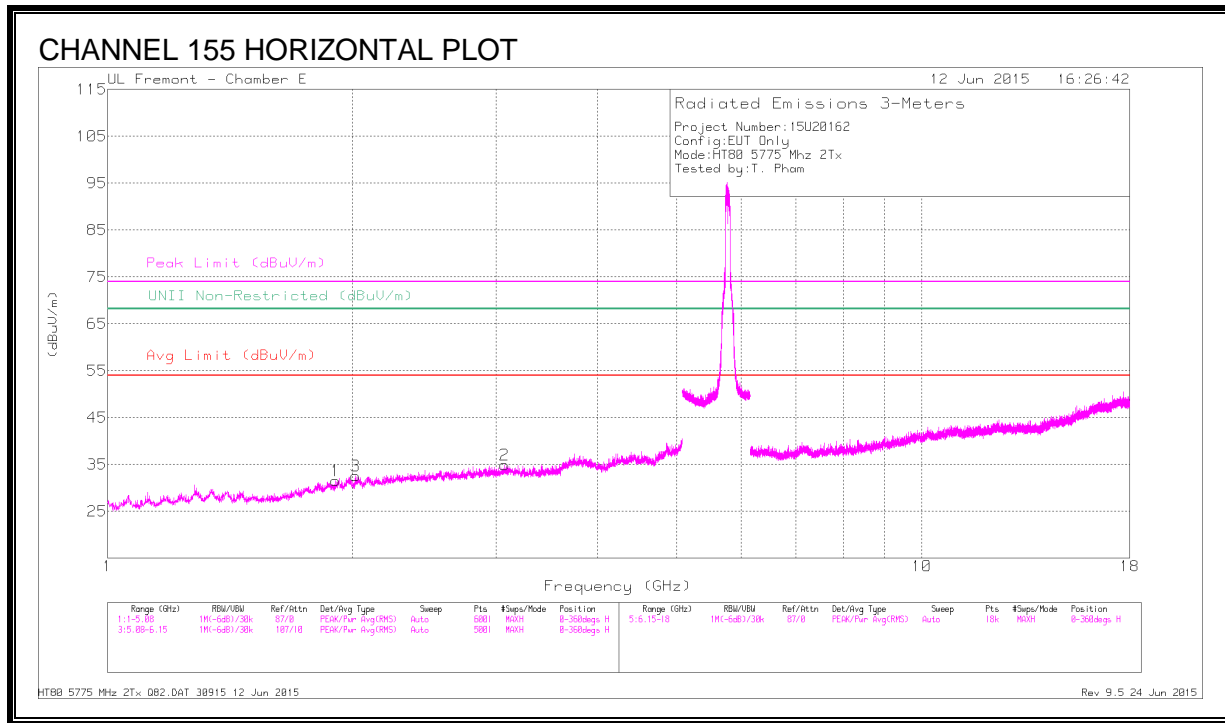


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-68.45	Pk	34.9	-17.7	11.8	0	-39.45	-17	-22.45	60	223	V
2	5.897	-65.11	Pk	35.1	-17.4	11.8	0	-35.61	-27	-8.61	60	223	V

Pk - Peak detector

**CHANNEL 155 HARMONICS AND SPURIOUS EMISSIONS**



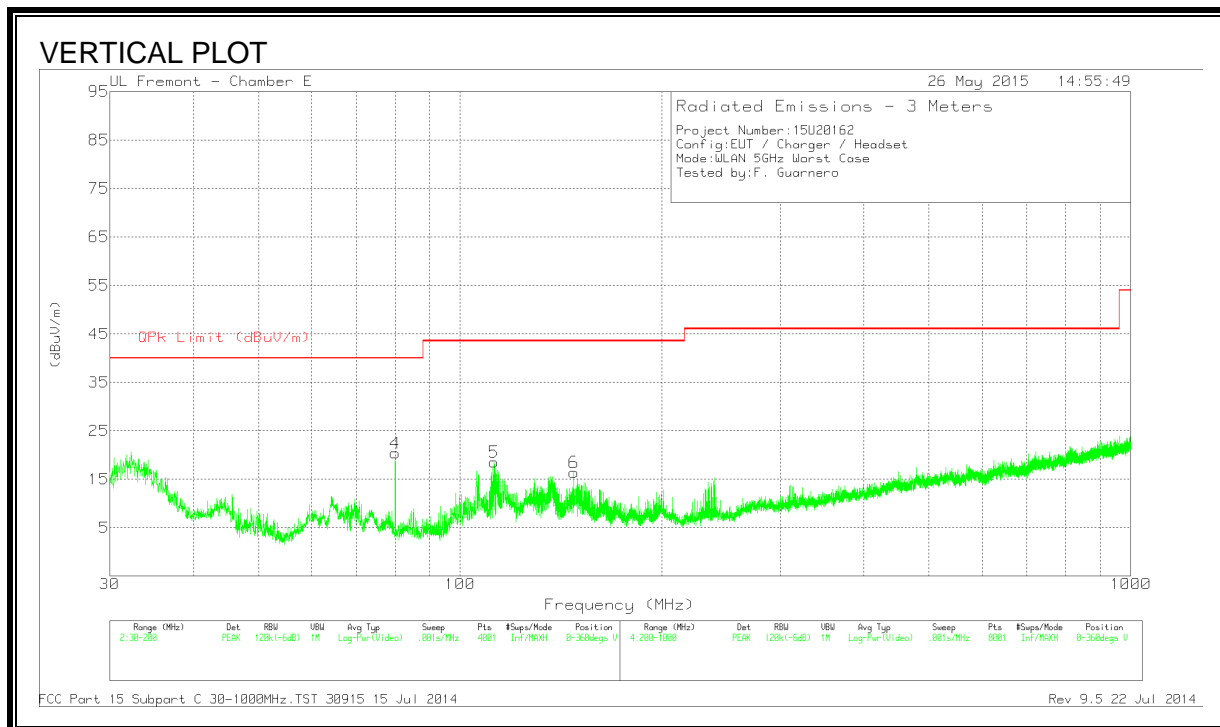
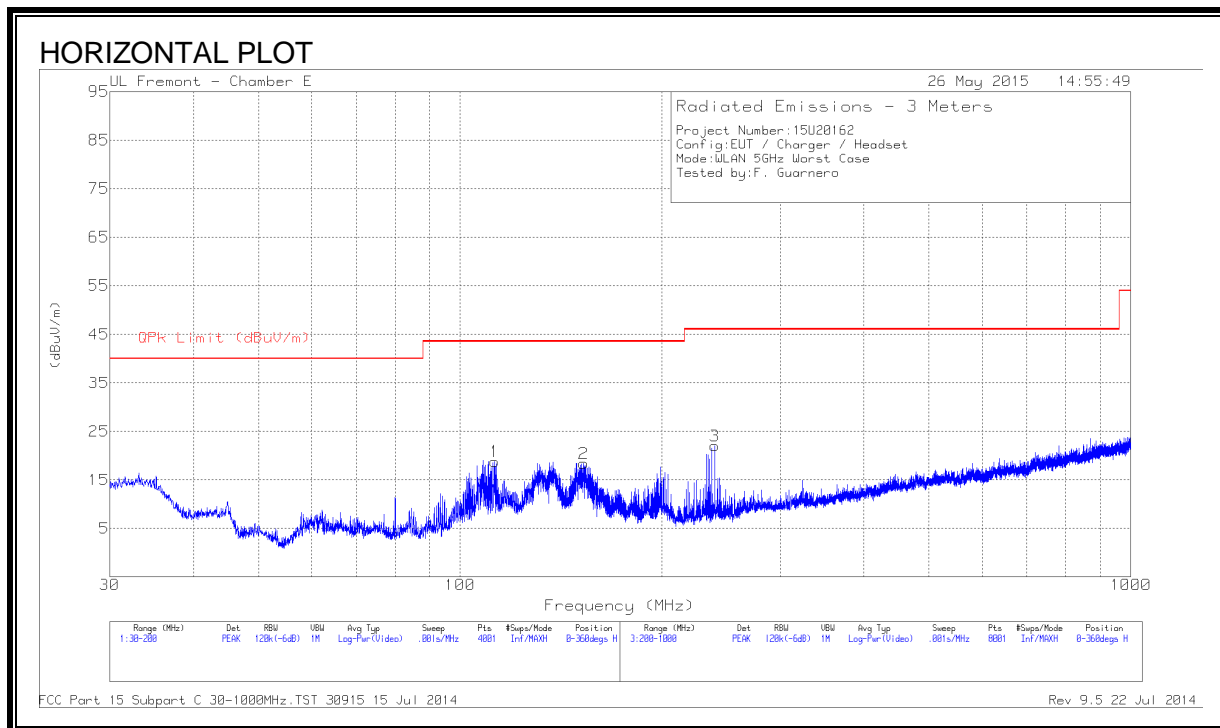
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/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	1.906	40.62	PK-U	30.8	-31.3	0	40.12	-	-	-	-	68.2	-28.08	360	101	H
2	3.139	38.45	PK-U	32.8	-28.7	0	42.55	-	-	-	-	68.2	-25.65	360	101	H
3	2.046	39.6	PK-U	31.2	-30.5	0	40.3	-	-	-	-	68.2	-27.9	360	101	H
4	6.174	43.56	PK-U	35.5	-26.4	0	52.66	-	-	-	-	68.2	-15.54	55	328	V
5	6.662	37.07	PK-U	35.5	-26.4	0	46.17	-	-	-	-	68.2	-22.03	55	328	V
6	9.737	34.74	PK-U	36.9	-22.1	0	49.54	-	-	-	-	68.2	-18.66	55	328	V

PK-U - U-NII: Maximum Peak

### 10.26. WORST-CASE BELOW 1 GHz

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



**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	* 112.4925	37.2	PK	12.9	-31.3	18.8	43.52	-24.72	0-360	301	H
2	152.7825	37.11	PK	12.3	-31	18.41	43.52	-25.11	0-360	301	H
3	239.7	41.22	PK	11.4	-30.6	22.02	46.02	-24	0-360	99	H
4	79.98	18.89	PK	8	-31.5	-4.61	40	-44.61	0-360	100	V
5	* 112.3225	36.95	PK	12.9	-31.3	18.55	43.52	-24.97	0-360	100	V
6	147.7675	35.13	PK	12.4	-31.1	16.43	43.52	-27.09	0-360	100	V

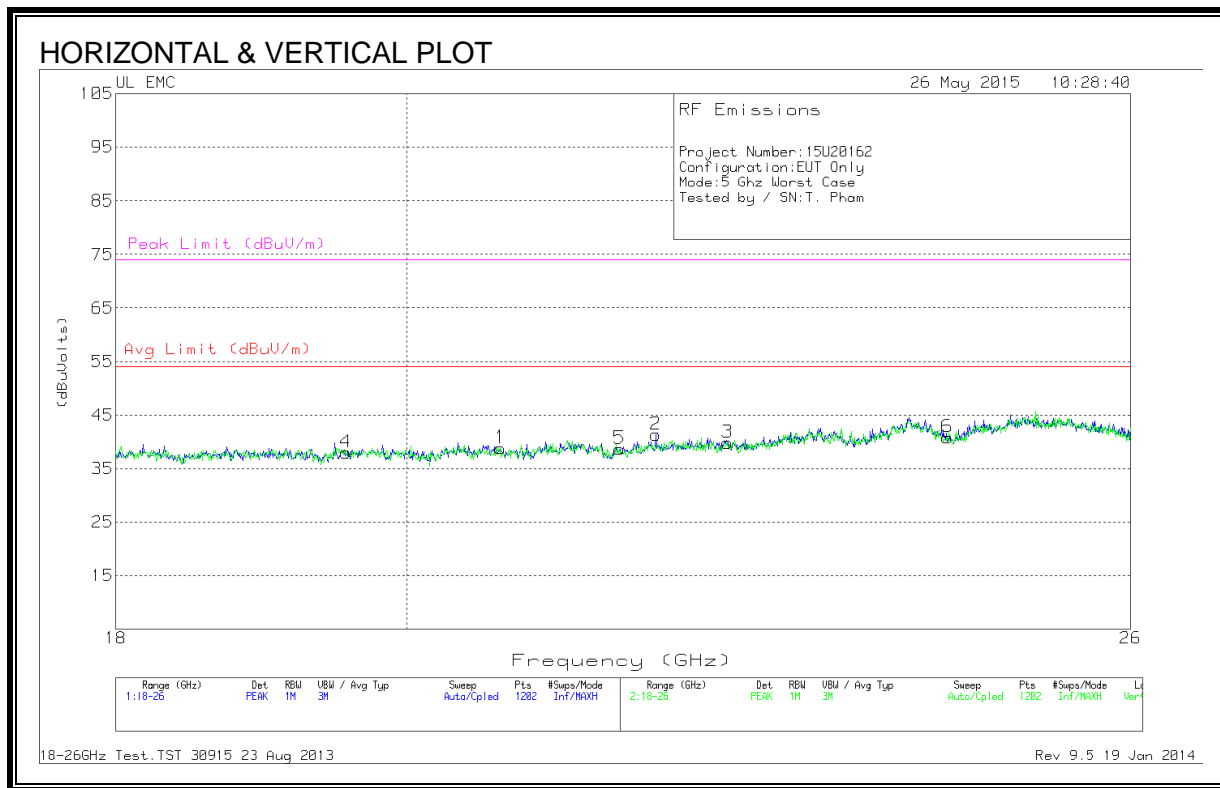
\* - indicates frequency in CFR 47, Part 15 and Industry Canada RSS-Restricted Band.

PK - Peak detector



### 10.27. WORST-CASE ABOVE 18 GHz

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

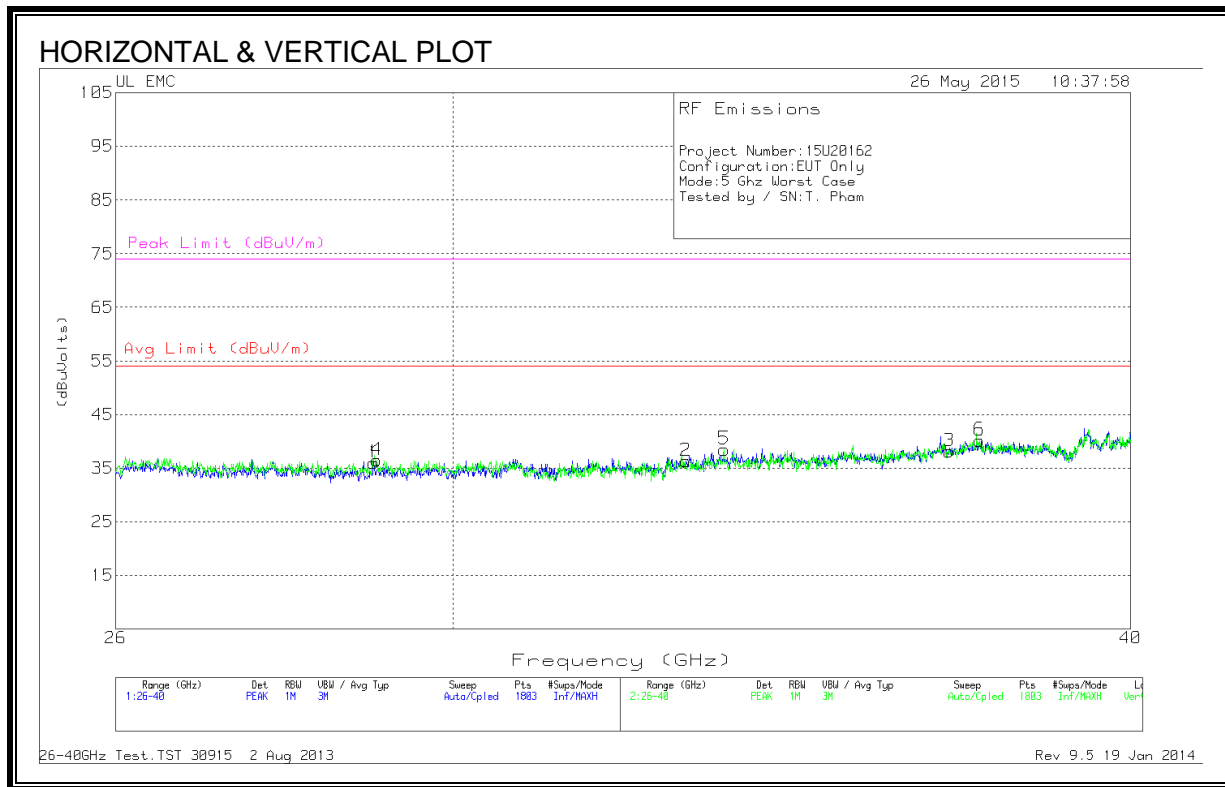


#### HORIZONTAL AND VERTICAL DATA

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	20.691	39.83	PK	33.1	-24.6	-9.5	38.833	54	-15.167	74	-35.167
2	21.89	41.63	PK	33.7	-24.5	-9.5	41.333	54	-12.667	74	-32.667
3	22.466	39.73	PK	33.7	-24.1	-9.5	39.833	54	-14.1667	74	-34.167
4	19.565	39.4	PK	32.9	-24.8	-9.5	38	54	-16	74	-36
5	21.604	39.67	PK	33.4	-24.9	-9.5	38.667	54	-15.333	74	-35.333
6	24.328	40.13	PK	34.2	-24	-9.5	40.833	54	-13.167	74	-33.167

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	29.007	44.2	PK	35.9	-34.6	-9.5	36	54	-18	74	-38
2	33.117	46.13	PK	36.8	-37.1	-9.5	36.333	54	-17.667	74	-37.667
3	37.032	48.17	PK	37.2	-37.7	-9.5	38.167	54	-15.833	74	-35.833
4	29.046	45.5	PK	35.9	-35.4	-9.5	36.5	54	-17.5	74	-37.5
5	33.66	47.7	PK	36.9	-36.6	-9.5	38.5	54	-15.5	74	-35.5
6	37.514	49.17	PK	37.2	-36.7	-9.5	40.167	54	-13.833	74	-33.833

PK - Peak detector

## 11. RADIATED TEST RESULTS (MODEL: A1687)

### 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.

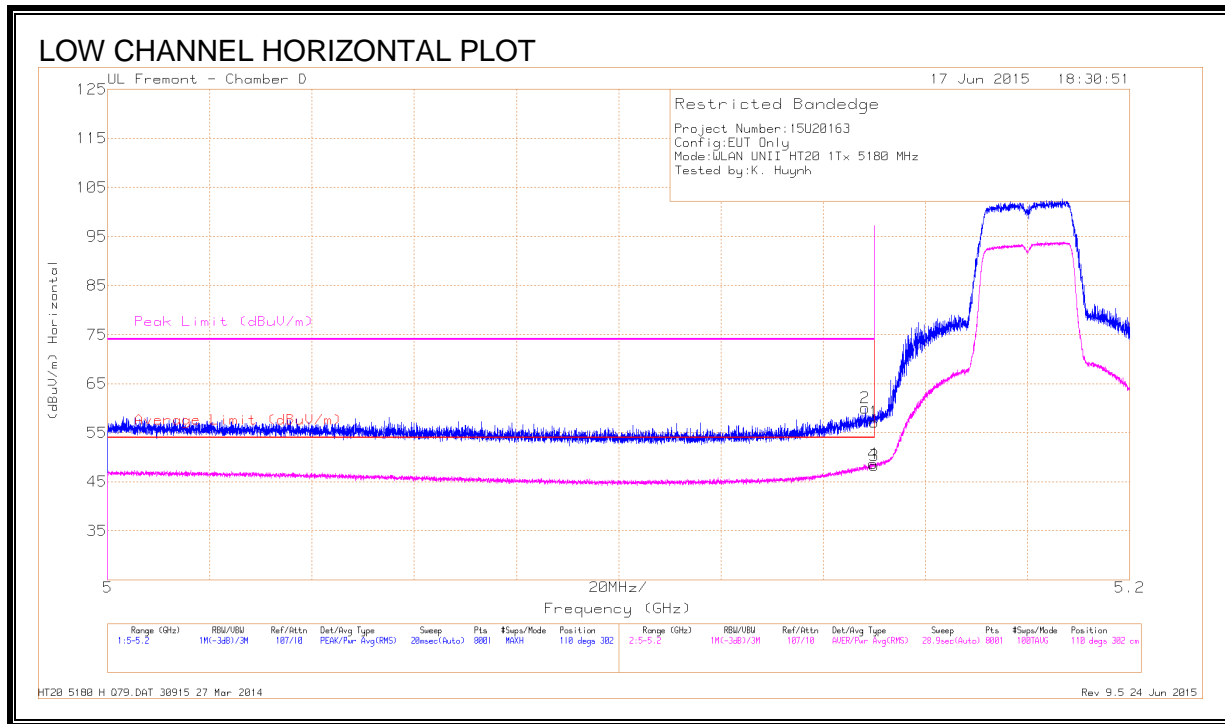
For measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

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)



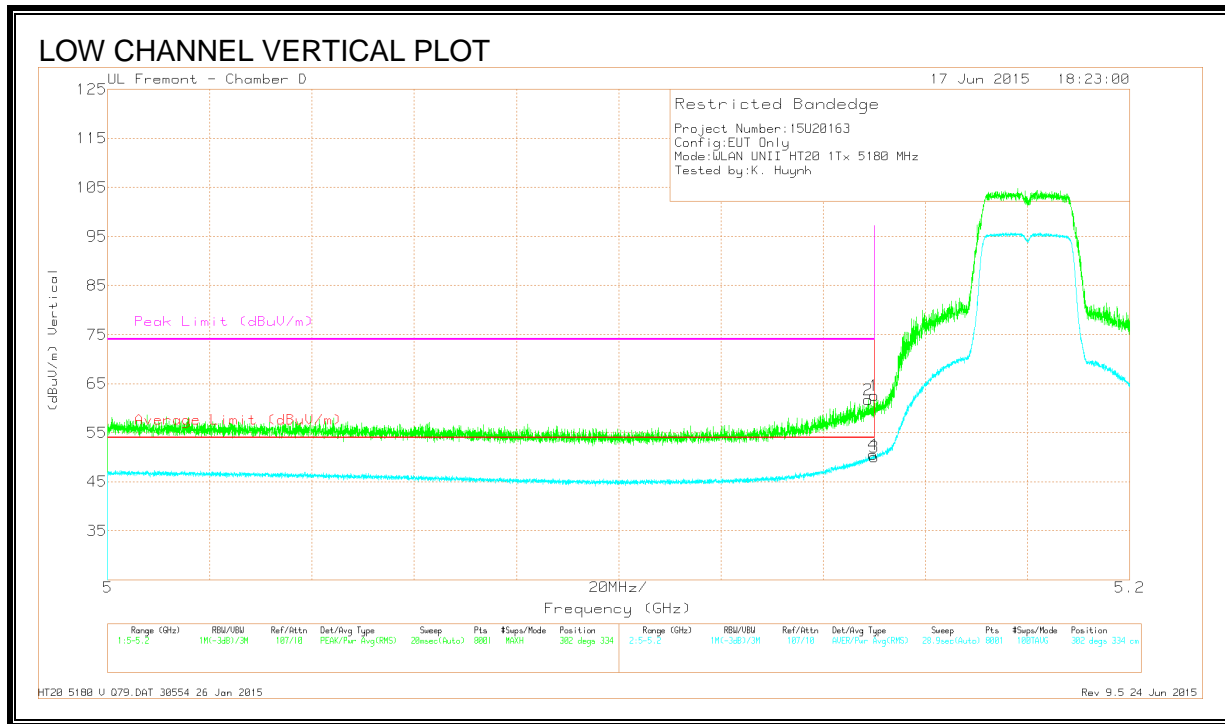
### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	44.28	Pk	34.3	-21.4	57.18	-	-	74	-16.82	110	302	H
2	* 5.148	47.14	Pk	34.3	-21.4	60.04	-	-	74	-13.96	110	302	H
3	* 5.15	32.27	RMS	34.3	-18.5	48.07	54	-5.93	-	-	110	302	H
4	* 5.149	32.49	RMS	34.3	-18.5	48.29	54	-5.71	-	-	110	302	H

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

Pk - Peak detector

RMS - RMS detection



**DATA**

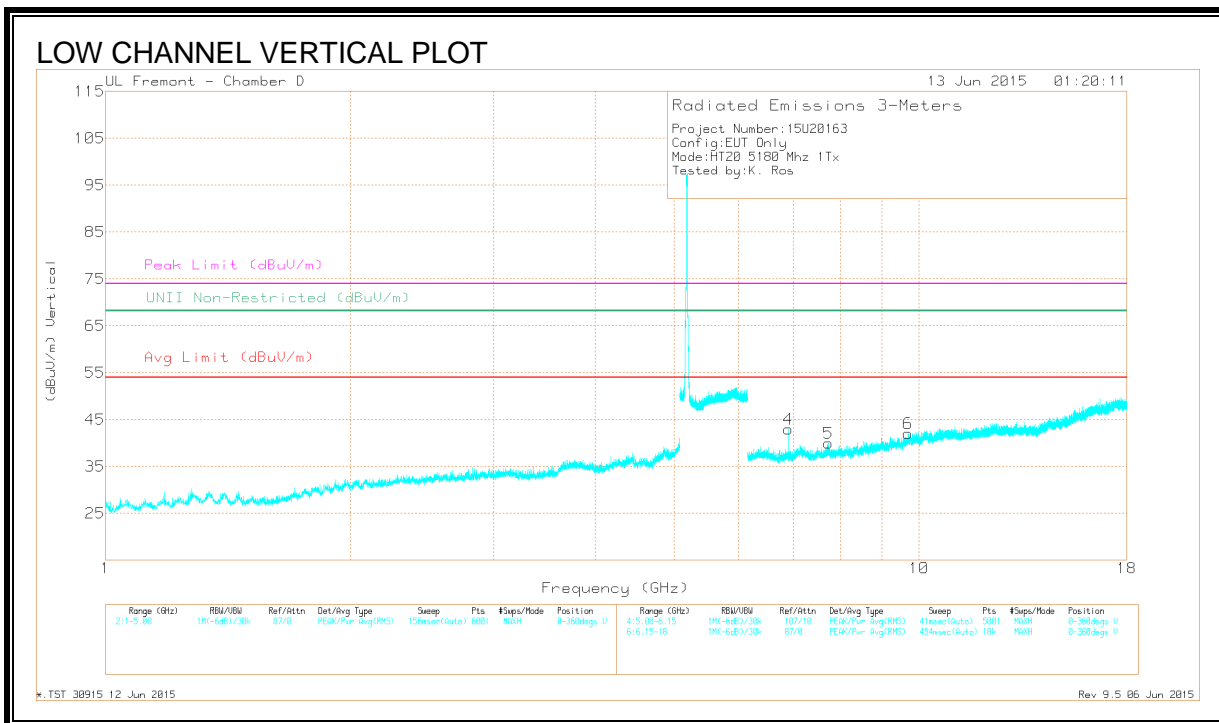
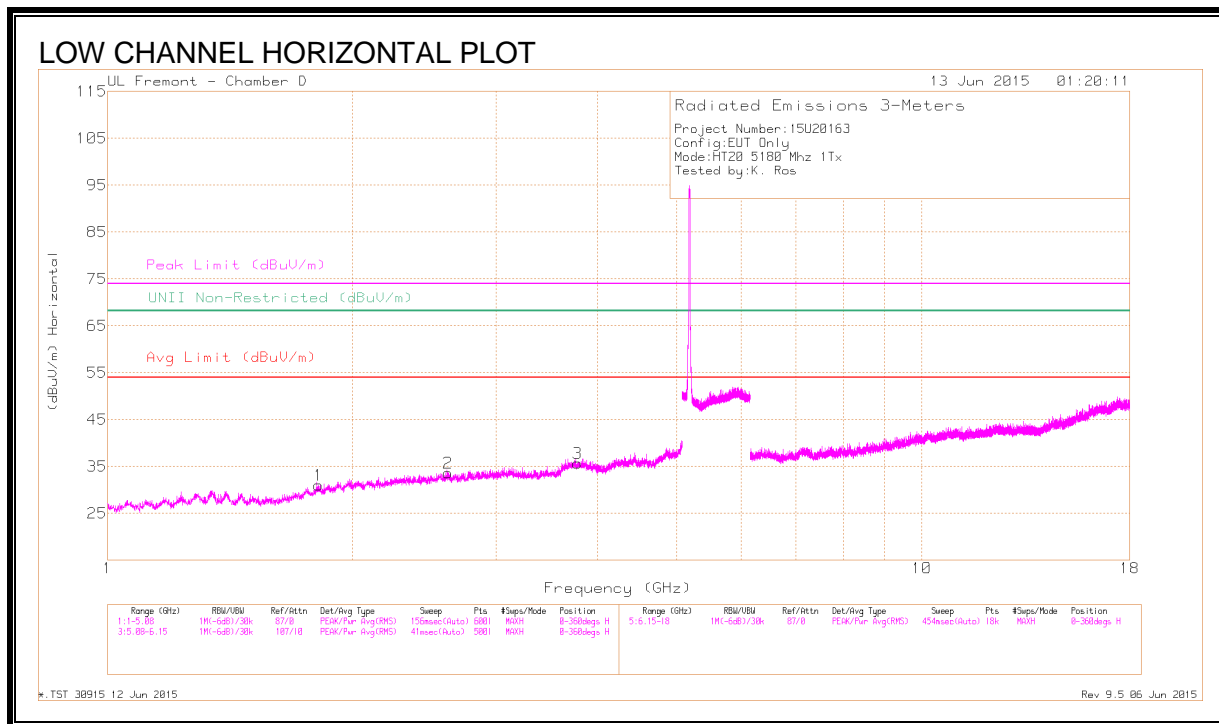
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.68	Pk	34.3	-21.4	62.58	-	-	74	-11.42	302	334	V
2	* 5.149	48.84	Pk	34.3	-21.4	61.74	-	-	74	-12.26	302	334	V
3	* 5.15	34.08	RMS	34.3	-18.5	49.88	54	-4.12	-	-	302	334	V
4	* 5.15	34.53	RMS	34.3	-18.5	50.33	54	-3.67	-	-	302	334	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 T344 (dB/m)	Amp/Cb/Filter/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	1.815	40.73	PK3	30.3	-31.3	39.73	-	-	-	-	68.2	-28.47	0	201	H
2	2.618	39.96	PK3	32.4	-29.9	42.46	-	-	-	-	68.2	-25.74	0	201	H
3	* 3.779	39.33	PK3	33.3	-28.9	43.73	-	-	74	-30.27	-	-	131	180	H
	* 3.779	27.3	ADR	33.3	-28.9	31.7	54	-22.3	-	-	-	-	131	180	H
4	6.907	39.59	PK3	35.5	-25.7	49.39	-	-	-	-	68.2	-18.81	54	205	V
5	* 7.738	35.81	PK3	35.6	-24.2	47.21	-	-	74	-26.79	-	-	54	201	V
	* 7.736	24.54	ADR	35.6	-24.2	35.94	54	-18.06	-	-	-	-	54	201	V
6	9.688	34.77	PK3	36.8	-22	49.57	-	-	-	-	68.2	-18.63	54	103	V

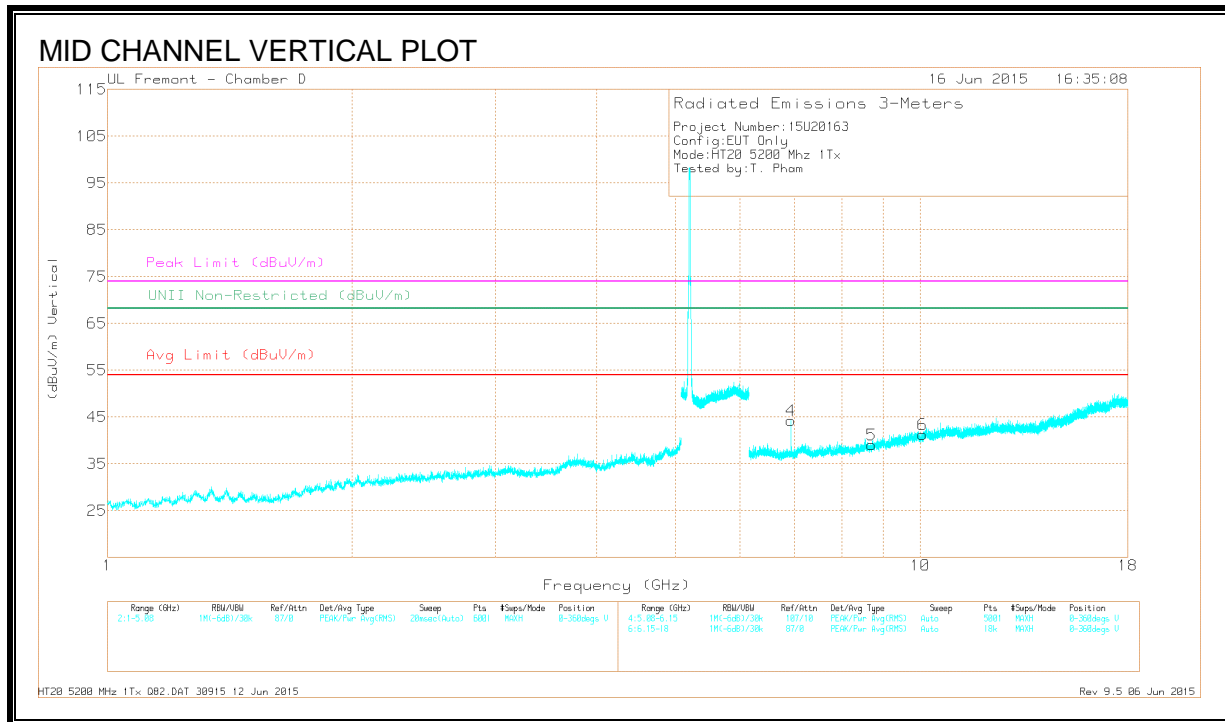
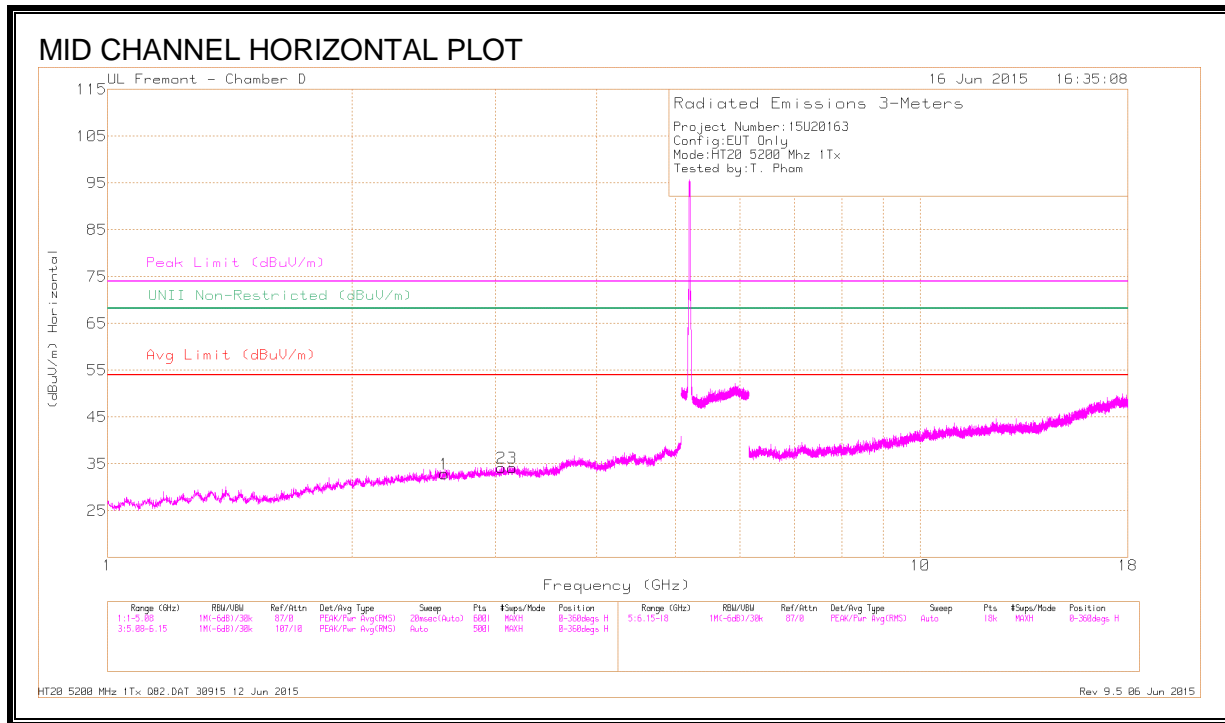
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**

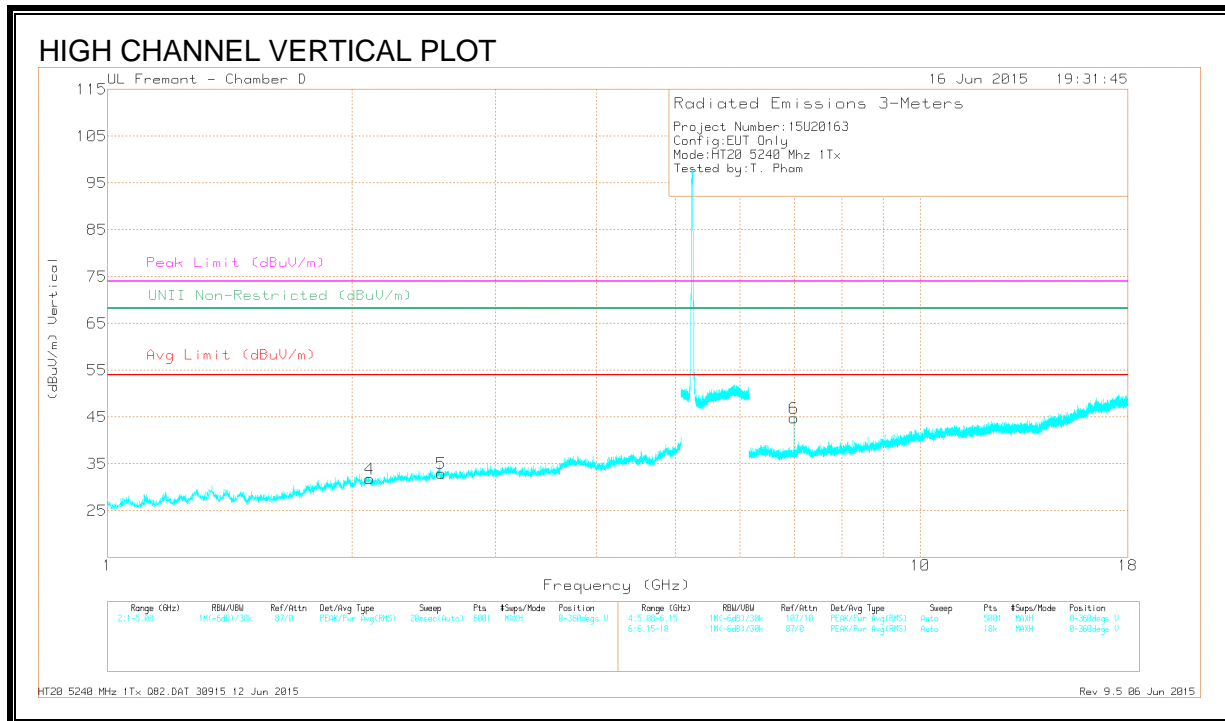
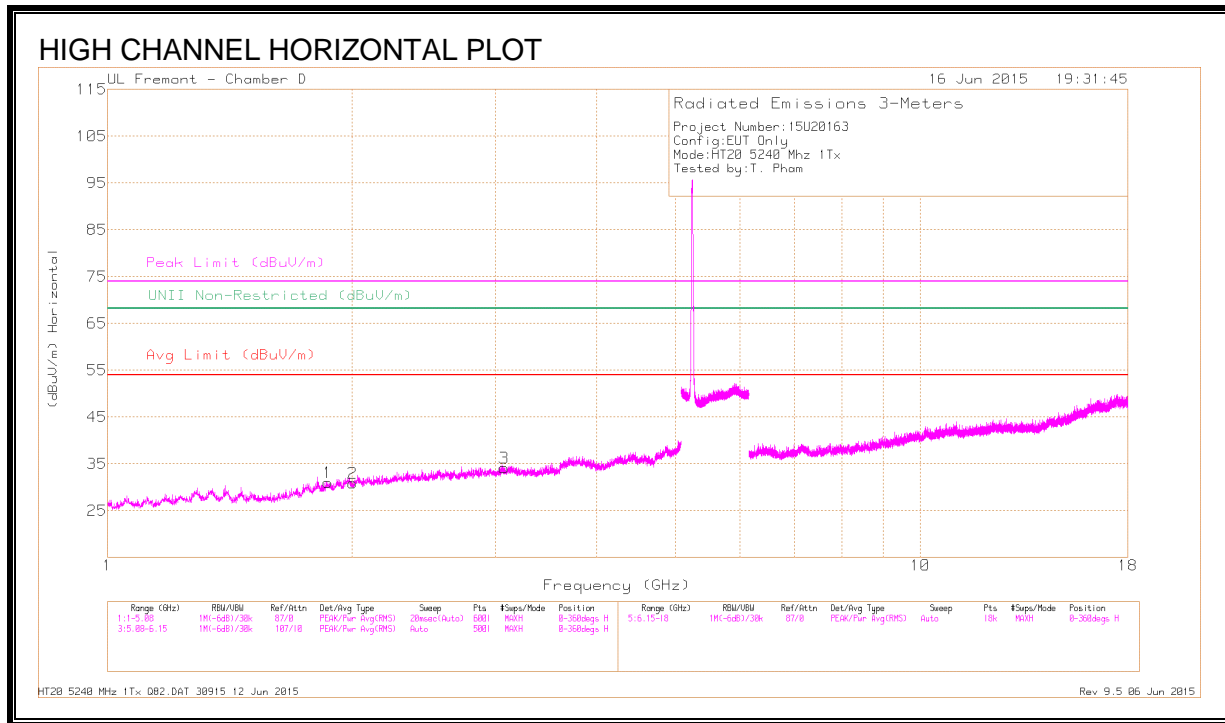


**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/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	2.598	39.51	PK3	32.4	-29.9	42.01	-	-	-	-	68.2	-26.19	45	230	H
2	3.051	40.4	PK3	32.9	-29.8	43.5	-	-	-	-	68.2	-24.7	256	202	H
3	3.148	38.64	PK3	32.7	-28.8	42.54	-	-	-	-	68.2	-25.66	186	100	H
4	6.934	40.56	PK3	35.5	-25.6	50.46	-	-	-	-	68.2	-17.74	35	125	V
5	8.713	35	PK3	35.9	-23.6	47.3	-	-	-	-	68.2	-20.9	97	225	V
6	10.064	34.09	PK3	37.1	-21.9	49.29	-	-	-	-	68.2	-18.91	113	279	V

PK3 - U-NII: Maximum Peak

**HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



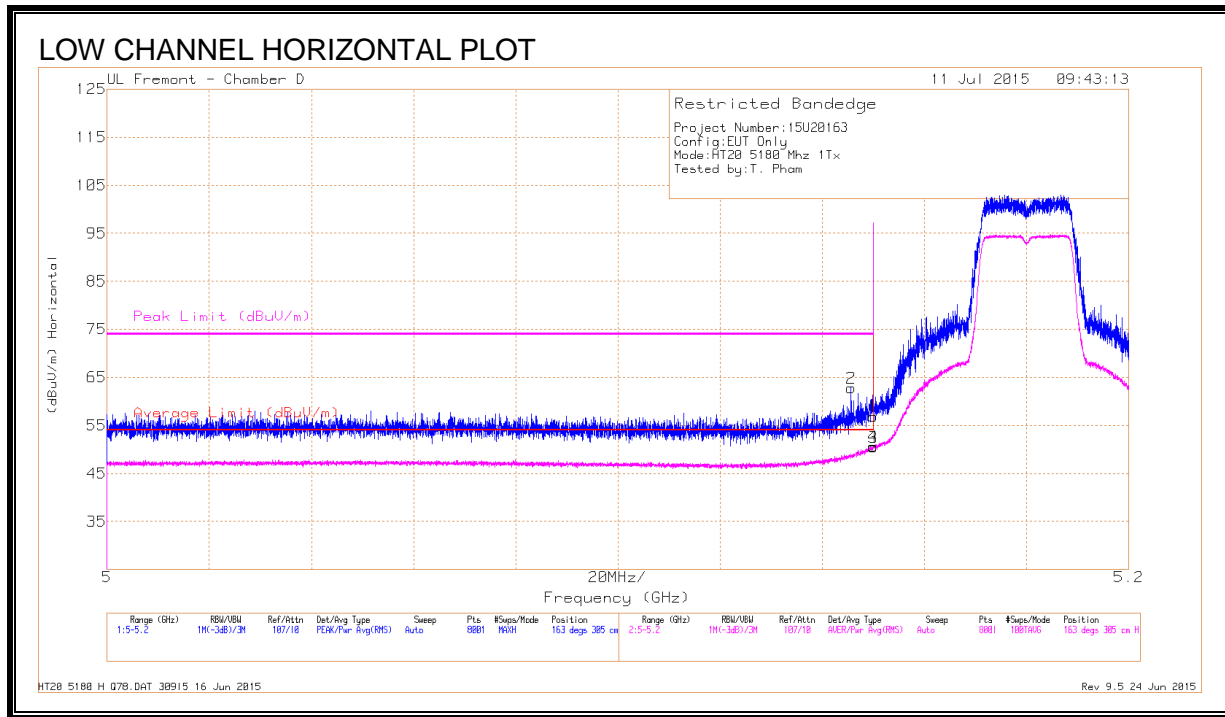
**DATA**

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	1.865	40.5	PK3	30.6	-31.4	39.7	-	-	-	-	68.2	-28.5	35	175	H
2	2	39.27	PK3	31.1	-30.7	39.67	-	-	-	-	68.2	-28.53	254	259	H
3	2.102	40.39	PK3	31.3	-30.7	40.99	-	-	-	-	68.2	-27.21	189	100	V
4	2.571	38.78	PK3	32.3	-29.7	41.38	-	-	-	-	68.2	-26.82	122	124	V
5	3.074	39.24	PK3	32.9	-29.4	42.74	-	-	-	-	68.2	-25.46	88	101	H
6	6.987	41.05	PK3	35.5	-26.1	50.45	-	-	-	-	68.2	-17.75	66	364	V

PK3 - U-NII: Maximum Peak

HT20 5240 MHz 1Tx Q82.DAT 30915 12 Jun 2015

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



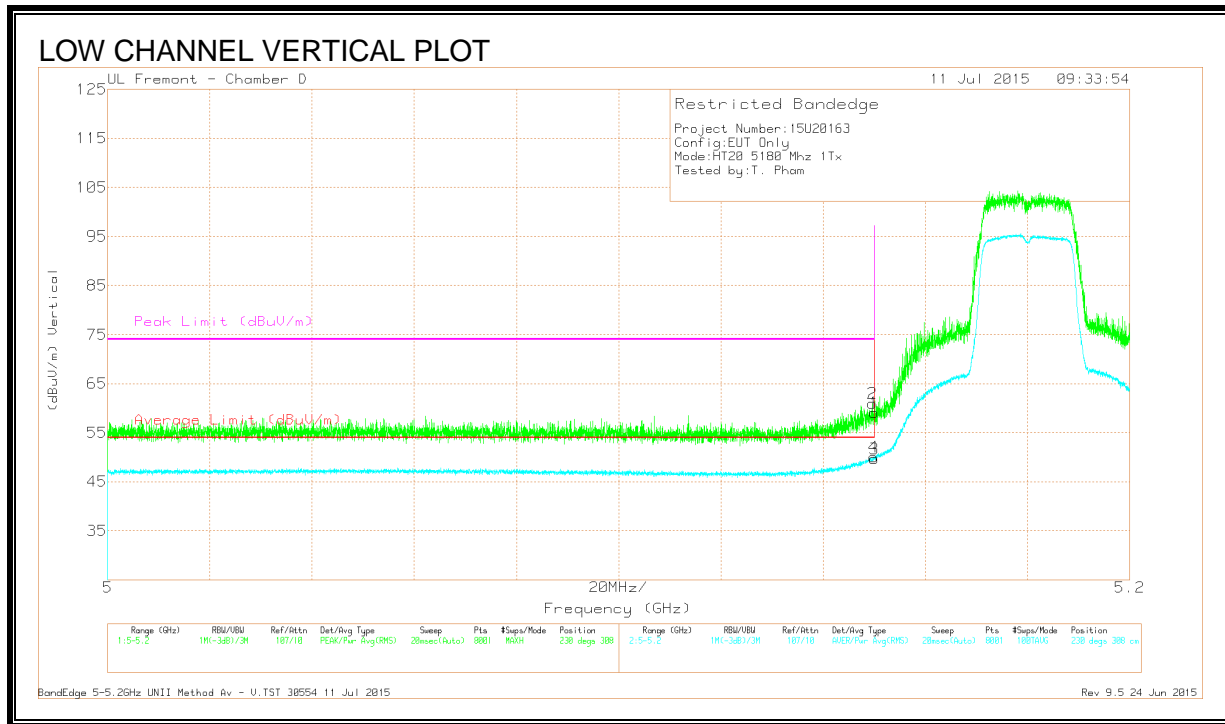
**DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fi tr/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	41.07	Pk	34.3	-18.5	56.87	-	-	74	-17.13	163	305	H
2	* 5.146	47.03	Pk	34.3	-18.5	62.83	-	-	74	-11.17	163	305	H
3	* 5.15	34.63	RMS	34.3	-18.5	50.43	54	-3.57	-	-	163	305	H
4	* 5.15	34.87	RMS	34.3	-18.5	50.67	54	-3.33	-	-	163	305	H

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

Pk - Peak detector

RMS - RMS detection



**DATA**

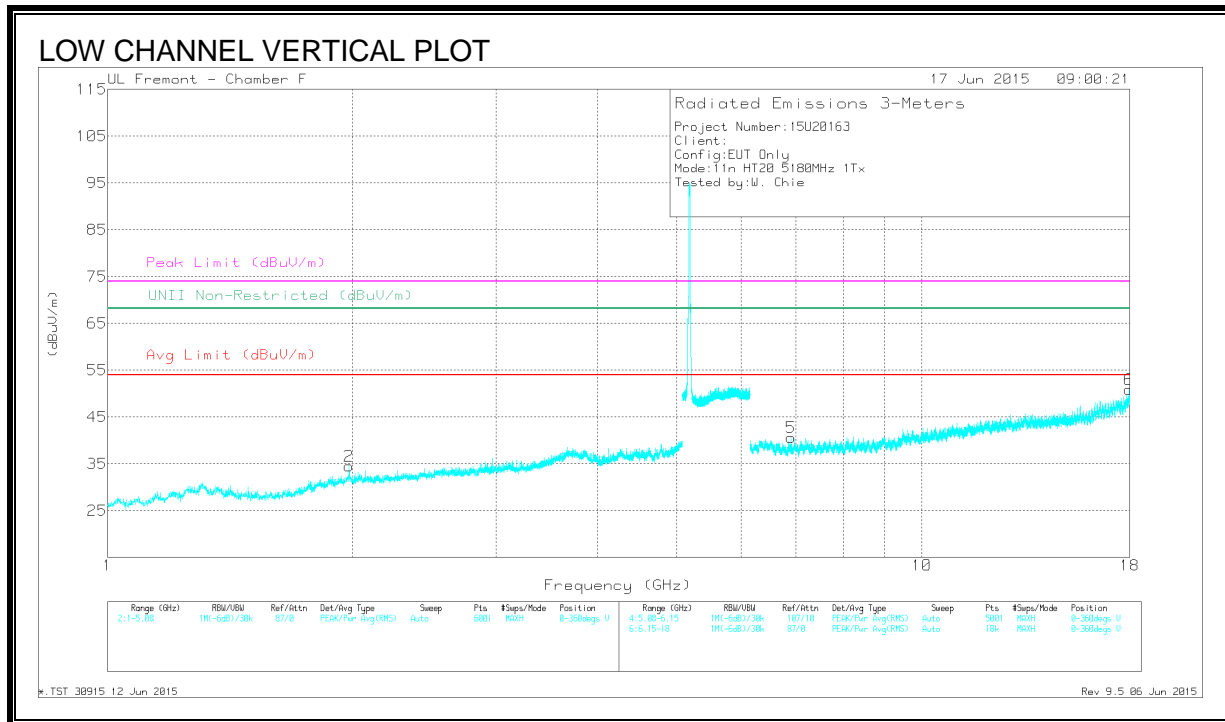
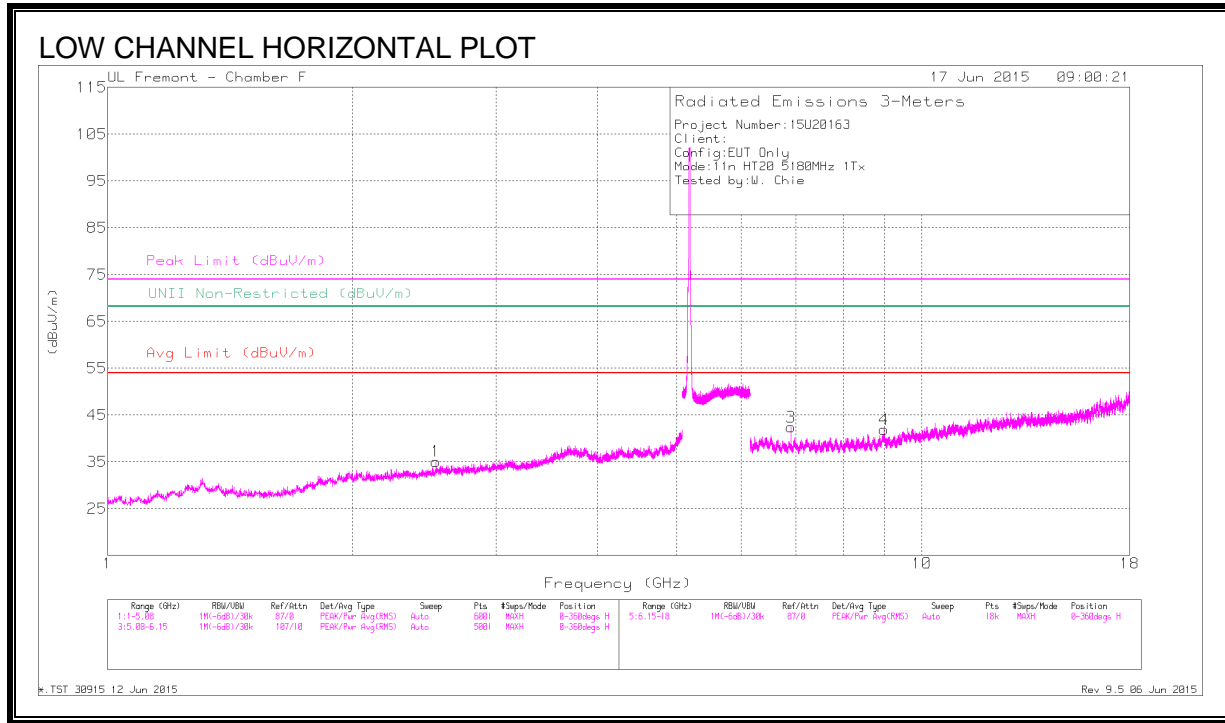
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.27	Pk	34.3	-18.5	59.07	-	-	74	-14.93	230	308	V
2	* 5.15	45.13	Pk	34.3	-18.5	60.93	-	-	74	-13.07	230	308	V
3	* 5.15	33.83	RMS	34.3	-18.5	49.63	54	-4.37	-	-	230	308	V
4	* 5.15	34.27	RMS	34.3	-18.5	50.07	54	-3.93	-	-	230	308	V

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

Pk - Peak detector

RMS - RMS detection

**LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (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	2.535	40.8	PK3	32.4	-30.5	42.7	-	-	-	-	68.2	-25.5	253	120	H
2	1.978	40.78	PK3	31.5	-30.8	41.48	-	-	-	-	68.2	-26.72	217	190	V
3	6.907	37.34	PK3	35.6	-26.3	46.64	-	-	-	-	68.2	-21.56	81	118	H
4	8.99	35.43	PK3	36.1	-22.8	48.73	-	-	-	-	68.2	-19.47	137	115	H
5	6.906	39.3	PK3	35.6	-26.3	48.6	-	-	-	-	68.2	-19.6	175	188	V
6	* 17.963	35.97	PK3	42.4	-19.1	59.27	-	-	74	-14.73	-	-	87	384	V
	* 17.963	23.3	ADR	42.4	-19.1	46.6	54	-7.4	-	-	-	-	87	384	V

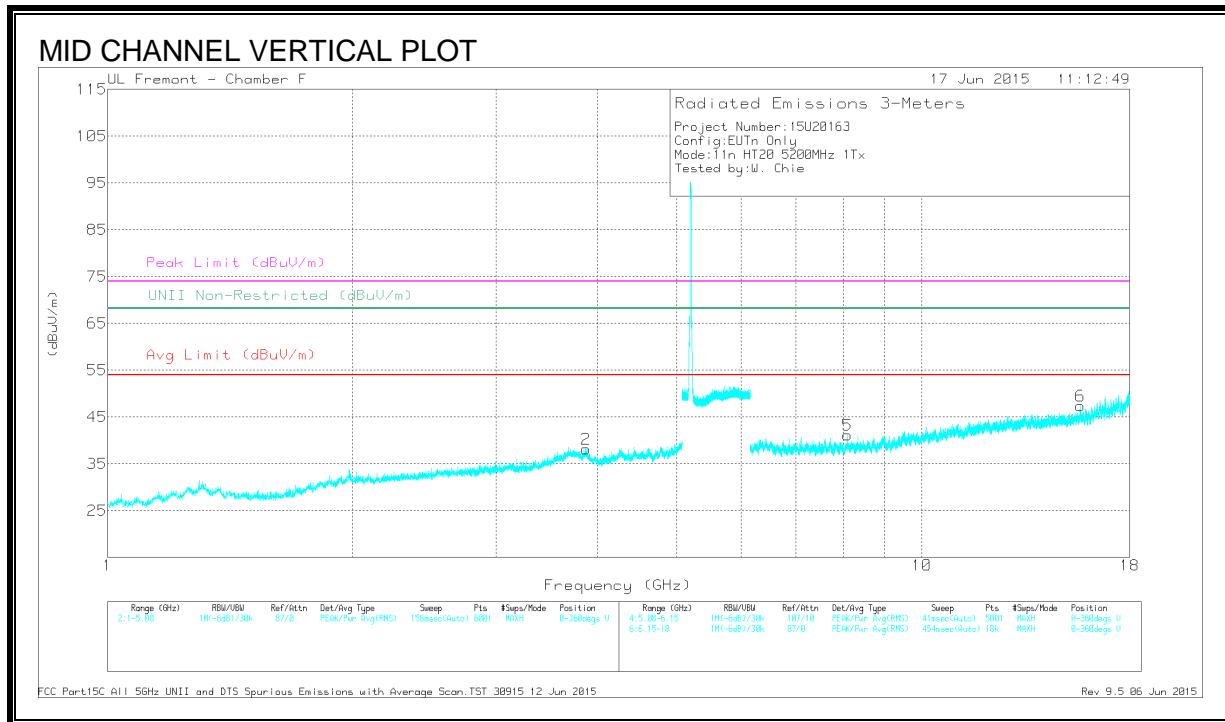
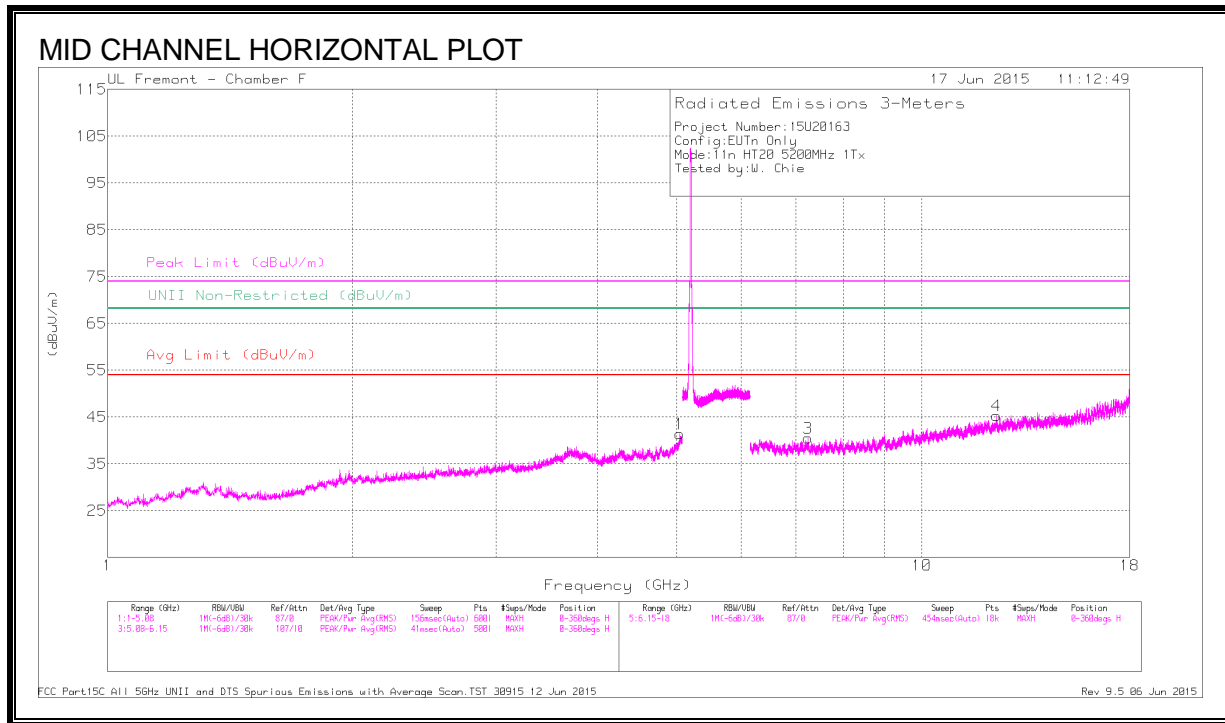
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

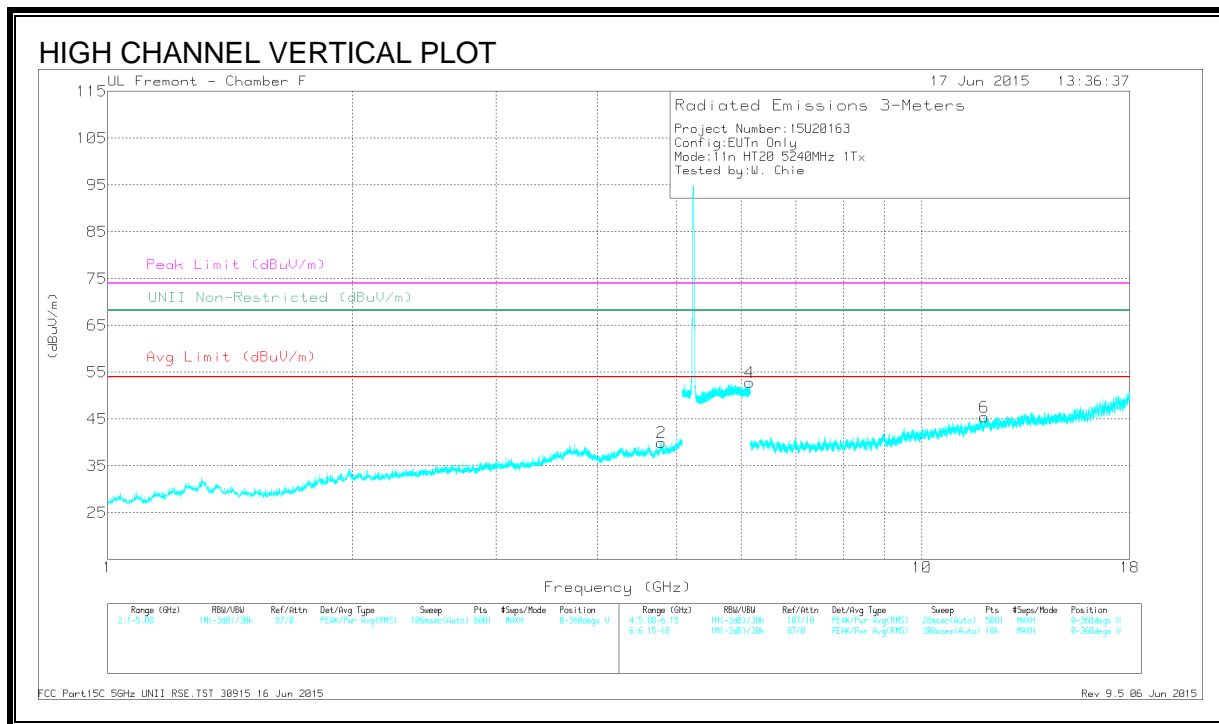
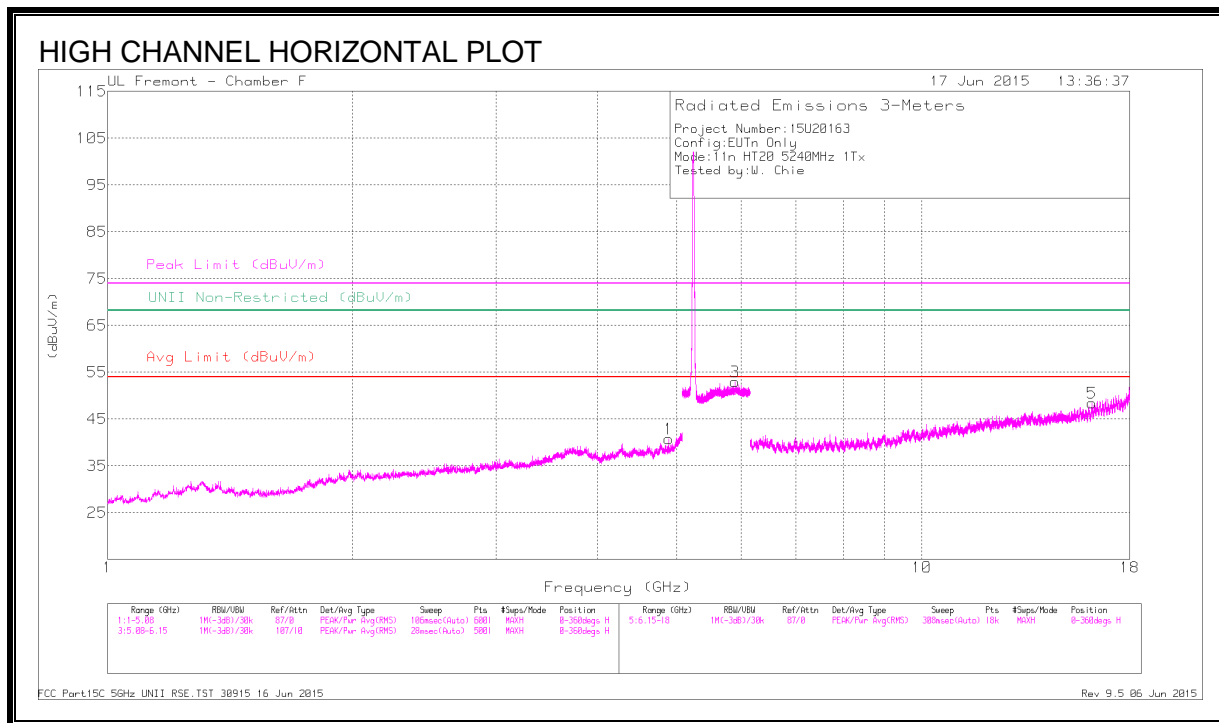
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cb/Fitr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.043	41.63	PK3	34.2	-26.5	49.33	-	-	74	-24.67	-	-	131	216	H
	* 5.044	29.11	ADR	34.2	-26.5	36.81	54	-17.19	-	-	-	-	131	216	H
2	* 3.87	40.44	PK3	33.9	-28.9	45.44	-	-	74	-28.56	-	-	256	191	V
	* 3.871	27.49	ADR	33.9	-28.9	32.49	54	-21.51	-	-	-	-	256	191	V
3	7.246	37.57	PK3	35.6	-25.2	47.97	-	-	-	-	68.2	-20.23	157	225	H
4	* 12.35	36.01	PK3	39	-22.3	52.71	-	-	74	-21.29	-	-	298	258	H
	* 12.351	23.67	ADR	39	-22.3	40.37	54	-13.63	-	-	-	-	298	258	H
5	* 8.104	37.19	PK3	35.8	-24.9	48.09	-	-	74	-25.91	-	-	258	326	V
	* 8.104	25	ADR	35.8	-24.9	35.9	54	-18.1	-	-	-	-	258	326	V
6	* 15.649	37.02	PK3	40.6	-22.1	55.52	-	-	74	-18.48	-	-	215	138	V
	* 15.65	24.02	ADR	40.6	-22.1	42.52	54	-11.48	-	-	-	-	215	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 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
1	* 4.891	40.47	PK3	34.1	-27.2	47.37	-	-	74	-26.63	-	-	118	200	H
	* 4.891	30.77	ADR	34.1	-27.2	37.67	54	-16.33	-	-	-	-	118	200	H
2	* 4.791	40.33	PK3	34.1	-27.5	46.93	-	-	74	-27.07	-	-	351	340	V
	* 4.791	27.24	ADR	34.1	-27.5	33.84	54	-20.16	-	-	-	-	351	340	V
3	5.897	42.31	PK3	35.2	-18.2	59.31	-	-	-	-	68.2	-8.89	260	217	H
4	6.142	41.8	PK3	35.6	-17.9	59.5	-	-	-	-	68.2	-8.7	233	126	V
5	* 16.165	35.75	PK3	40.6	-21.3	55.05	-	-	74	-18.95	-	-	117	155	H
	* 16.165	23.55	ADR	40.6	-21.3	42.85	54	-11.15	-	-	-	-	117	155	H
6	* 11.934	35.5	PK3	39.1	-22.5	52.1	-	-	74	-21.9	-	-	193	140	V
	* 11.934	23.35	ADR	39.1	-22.5	39.95	54	-14.05	-	-	-	-	193	140	V

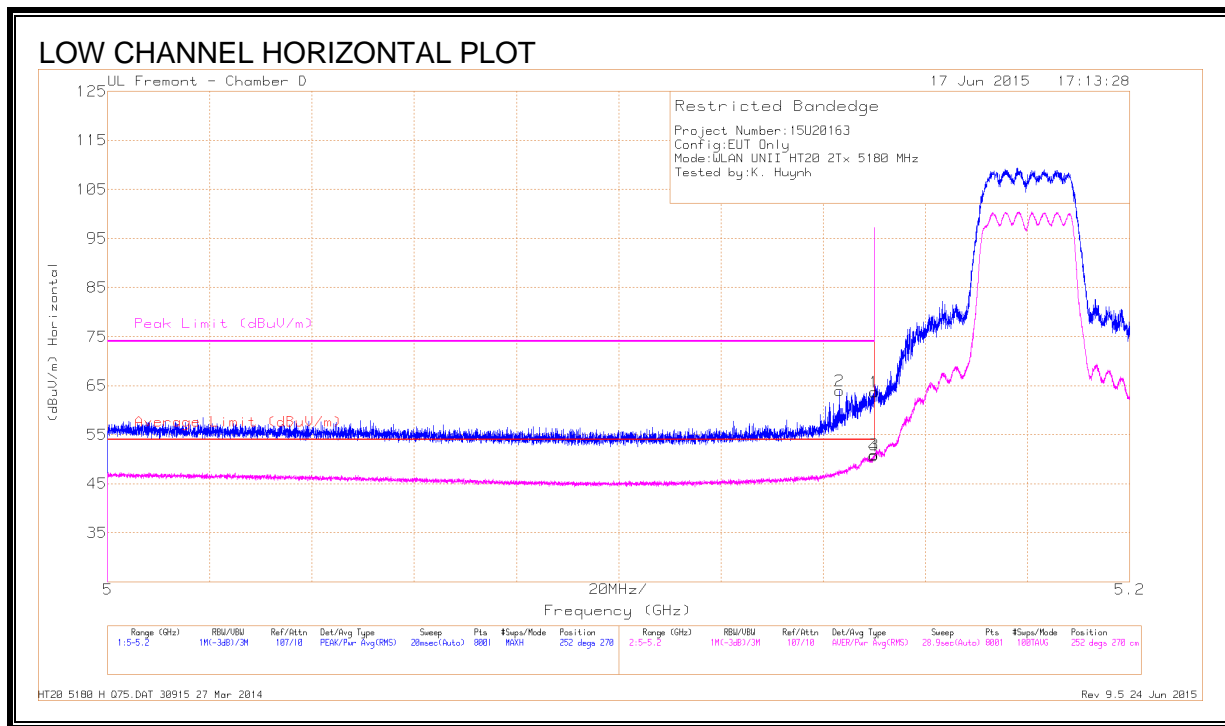
\* - indicates frequency in CFR15.205/IC8.10 Restricted Band

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

#### RESTRICTED BANDEDGE (LOW CHANNEL)



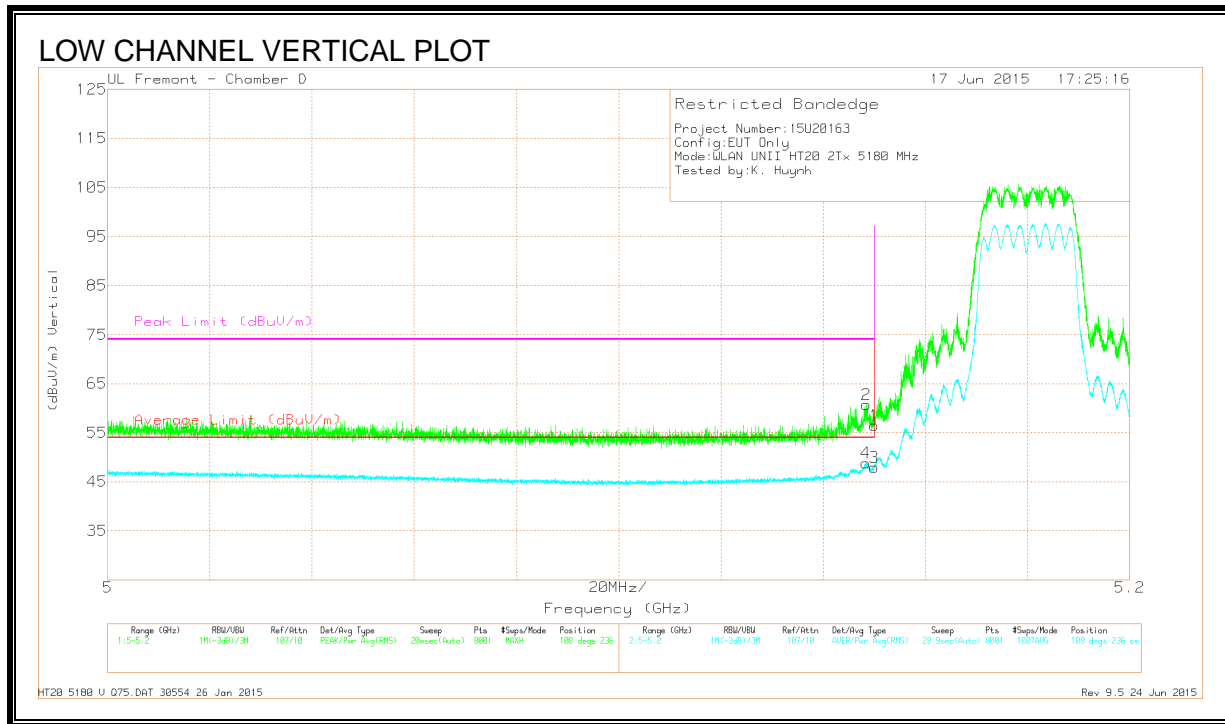
#### DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/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	50.8	Pk	34.3	-21.4	63.7	-	-	74	-10.3	252	270	H
2	* 5.143	51	Pk	34.3	-21.4	63.9	-	-	74	-10.1	252	270	H
3	* 5.15	34.48	RMS	34.3	-18.5	50.28	54	-3.72	-	-	252	270	H
4	* 5.149	35.08	RMS	34.3	-18.5	50.88	54	-3.12	-	-	252	270	H

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

Pk - Peak detector

RMS - RMS detection



**DATA**

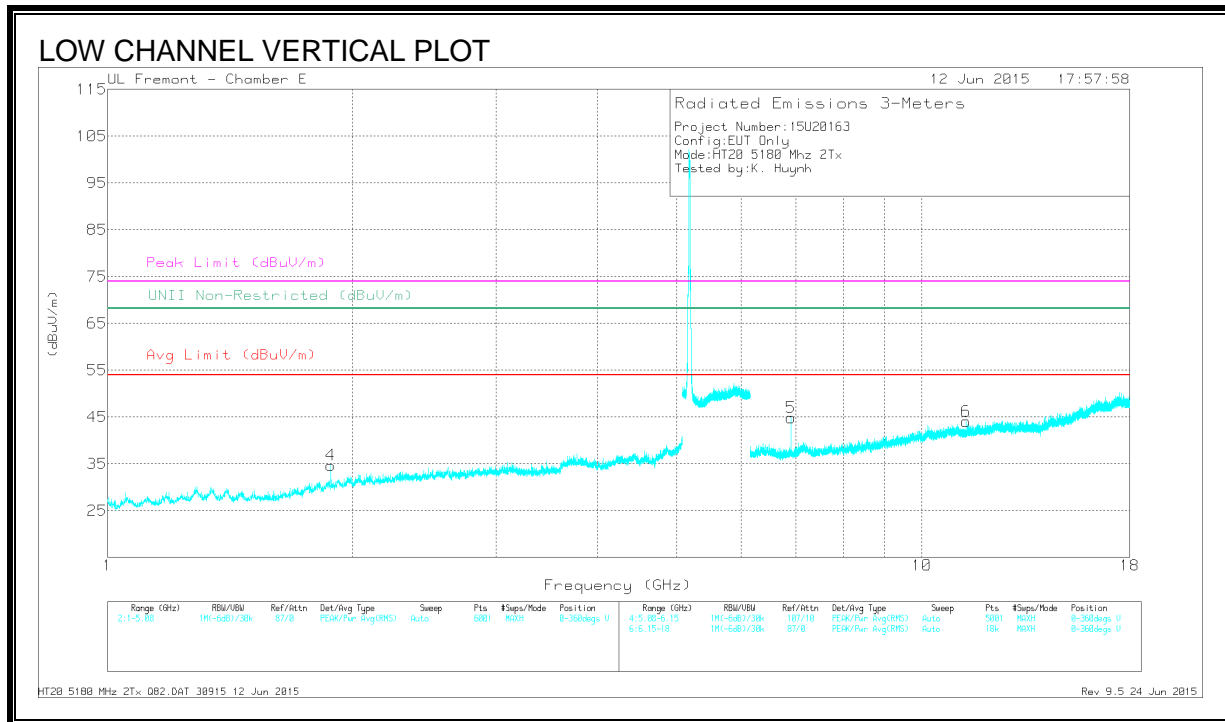
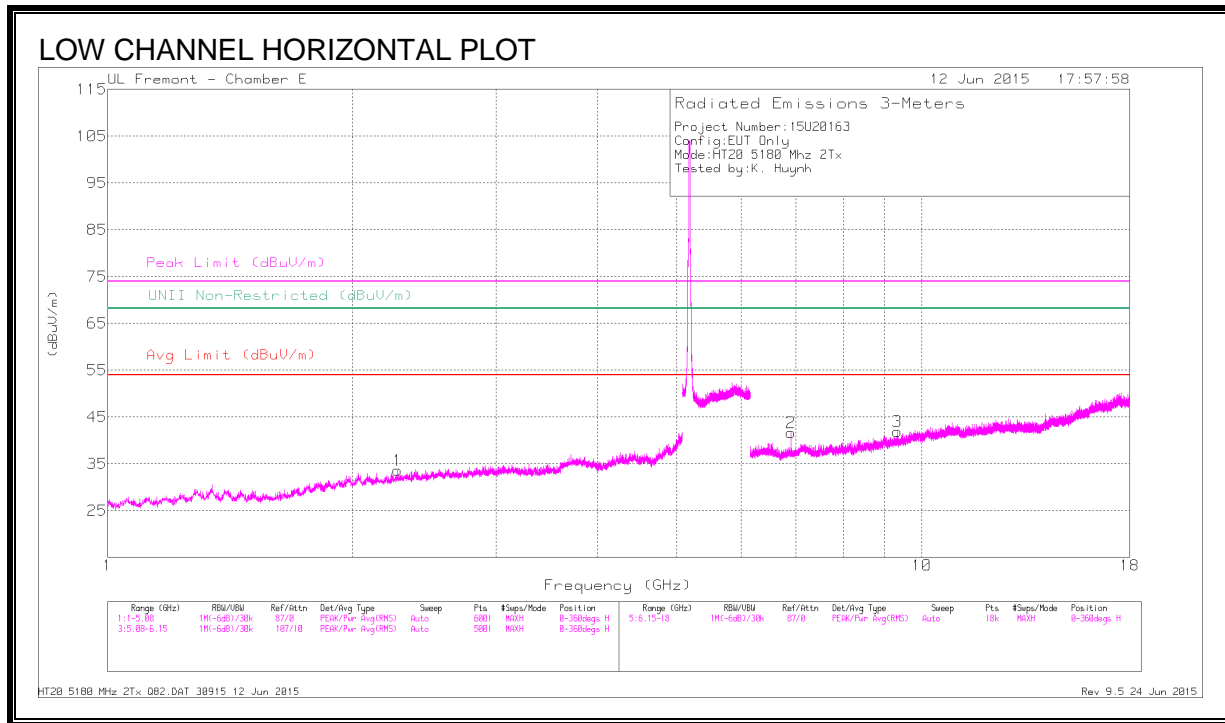
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.6	Pk	34.3	-21.4	56.5	-	-	74	-17.5	108	236	V
2	* 5.148	47.77	Pk	34.3	-21.4	60.67	-	-	74	-13.33	108	236	V
3	* 5.15	35.07	RMS	34.3	-21.4	47.97	54	-6.03	-	-	108	236	V
4	* 5.148	35.96	RMS	34.3	-21.4	48.86	54	-5.14	-	-	108	236	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 T344 (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	* 2.272	42.82	PK-U	31.9	-30.7	44.02	-	-	74	-29.98	-	-	150	176	H
	* 2.272	30.74	ADR	31.9	-30.7	31.94	54	-22.06	-	-	-	-	150	176	H
2	6.907	41.5	PK-U	35.5	-25.8	51.2	-	-	-	-	68.2	-17	128	312	H
3	* 9.333	37.84	PK-U	36.4	-21.9	52.34	-	-	74	-21.66	-	-	104	291	H
	* 9.33	26.28	ADR	36.4	-21.9	40.78	54	-13.22	-	-	-	-	104	291	H
4	1.881	43.83	PK-U	30.6	-31.4	43.03	-	-	-	-	68.2	-25.17	29	314	V
5	6.907	42.85	PK-U	35.5	-25.7	52.65	-	-	-	-	68.2	-15.55	40	175	V
6	* 11.341	37.89	PK-U	38	-22	53.89	-	-	74	-20.11	-	-	124	198	V
	* 11.341	26.7	ADR	38	-22	42.7	54	-11.3	-	-	-	-	124	198	V

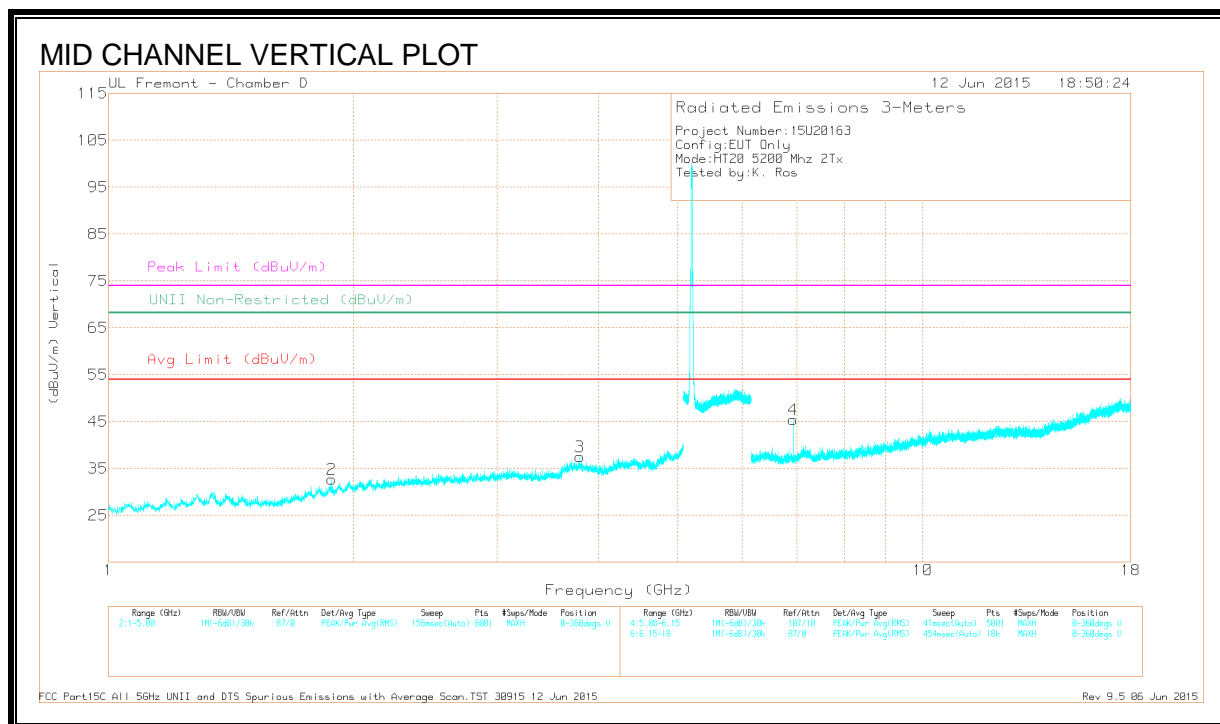
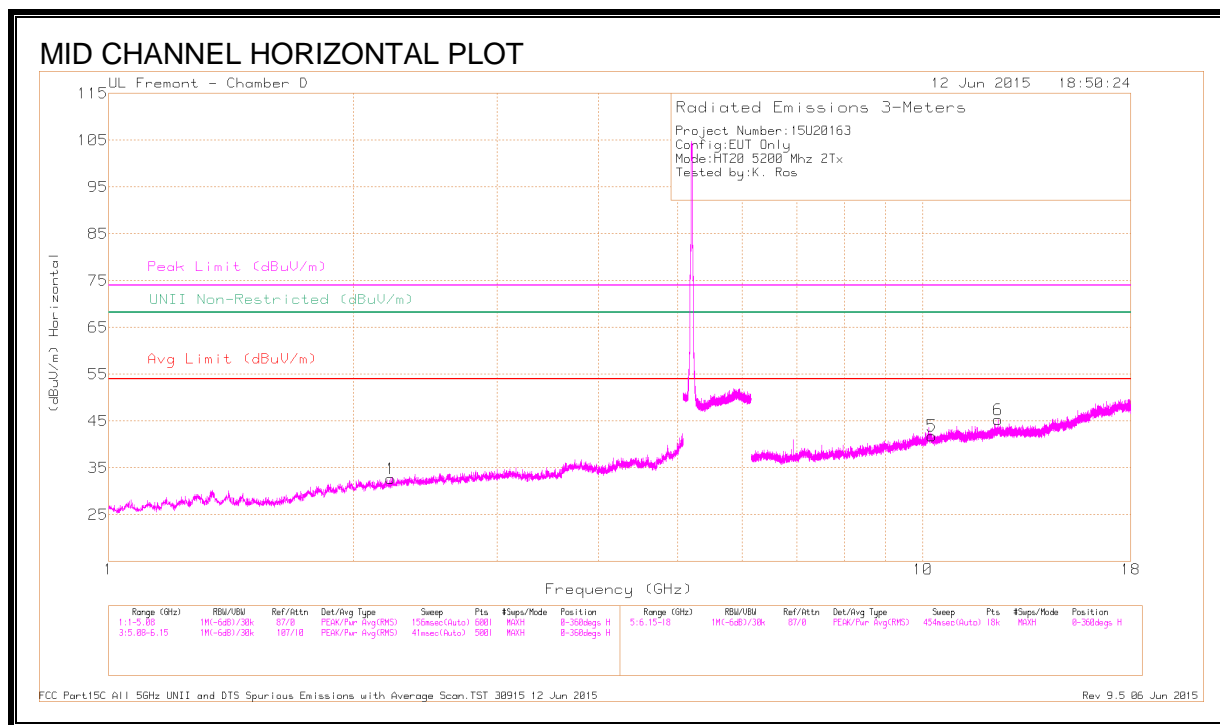
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



**MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS**



**DATA**

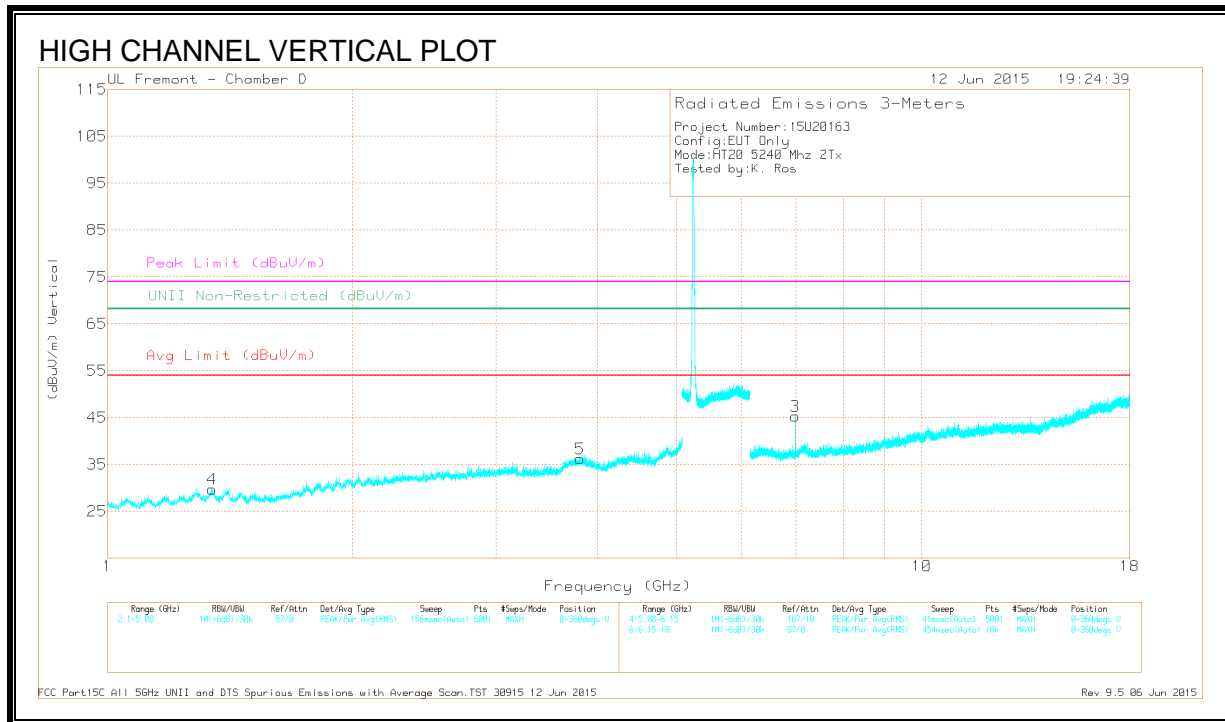
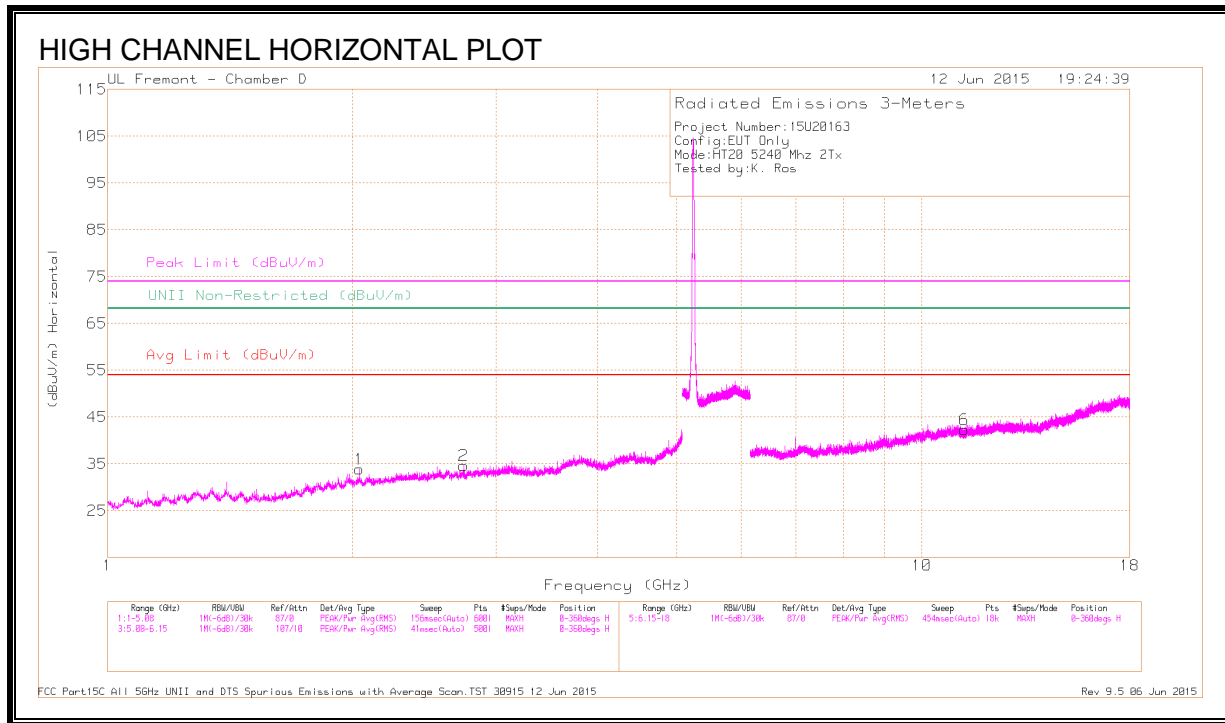
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.221	40.22	PK3	31.7	-31	40.92	-	-	74	-33.08	-	-	145	101	H
	* 2.221	28.27	ADR	31.7	-31	28.97	54	-25.03	-	-	-	-	145	101	H
2	1.878	39.87	PK3	30.6	-31.4	39.07	-	-	-	-	68.2	-29.13	287	181	V
3	* 3.794	38.76	PK3	33.3	-28.7	43.36	-	-	74	-30.64	-	-	212	200	V
	* 3.794	27.36	ADR	33.3	-28.7	31.96	54	-22.04	-	-	-	-	212	200	V
4	6.934	40.78	PK3	35.5	-25.6	50.68	-	-	-	-	68.2	-17.52	61	203	V
5	10.252	33.86	PK3	37.2	-21.5	49.56	-	-	-	-	68.2	-18.64	135	102	H
6	* 12.377	34.31	PK3	39	-21.7	51.61	-	-	74	-22.39	-	-	10	201	H
	* 12.377	23.39	ADR	39	-21.7	40.69	54	-13.31	-	-	-	-	10	201	H

\* - 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 T344 (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	2.037	40.06	PK3	31.2	-30.5	40.76	-	-	-	-	68.2	-27.44	105	101	H
2	* 2.736	40.23	PK3	32.5	-30.3	42.43	-	-	74	-31.57	-	-	339	201	H
	* 2.735	28.19	ADR	32.5	-30.3	30.39	54	-23.61	-	-	-	-	339	201	H
4	* 1.346	40.74	PK3	28.8	-31.5	38.04	-	-	74	-35.96	-	-	45	223	V
	* 1.346	29.37	ADR	28.8	-31.5	26.67	54	-27.33	-	-	-	-	45	223	V
5	* 3.804	38.2	PK3	33.4	-28.6	43	-	-	74	-31	-	-	89	189	V
	* 3.804	27.36	ADR	33.4	-28.6	32.16	54	-21.84	-	-	-	-	89	189	V
6	* 11.275	34.53	PK3	38	-22.1	50.43	-	-	74	-23.57	-	-	135	201	H
	* 11.272	23.22	ADR	38	-22.1	39.12	54	-14.88	-	-	-	-	135	201	H

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

PK3 - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average