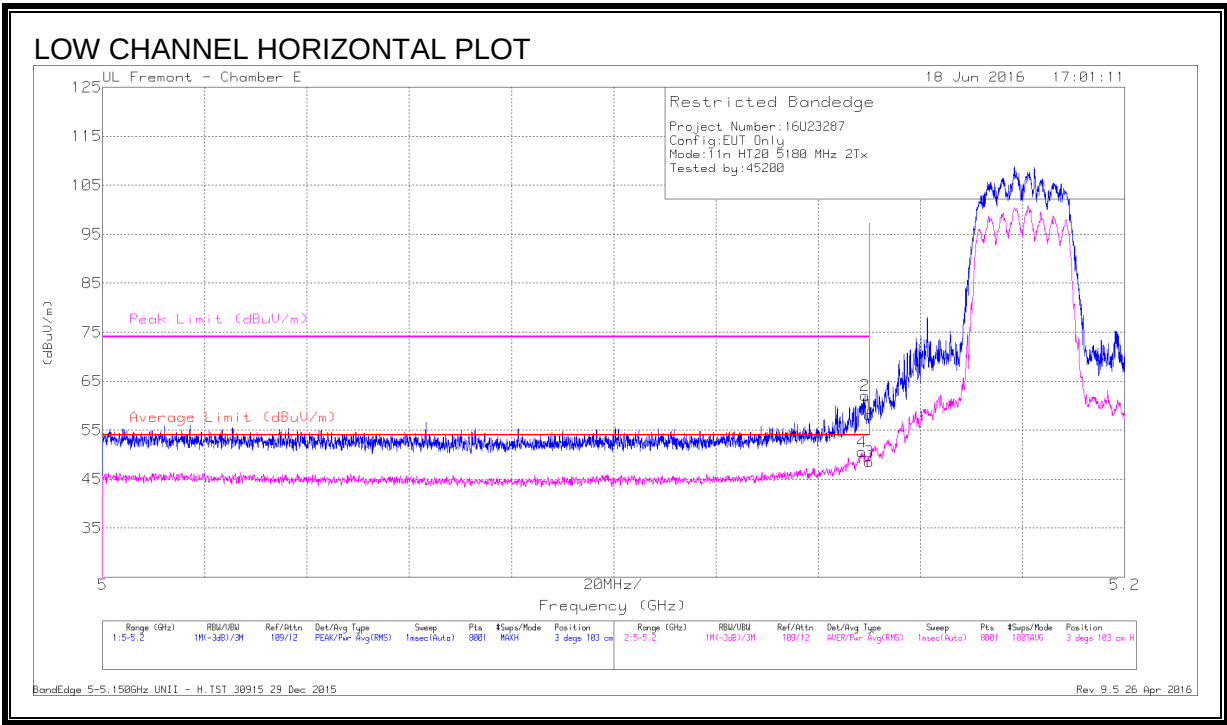


9.3. 802.11n HT20 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



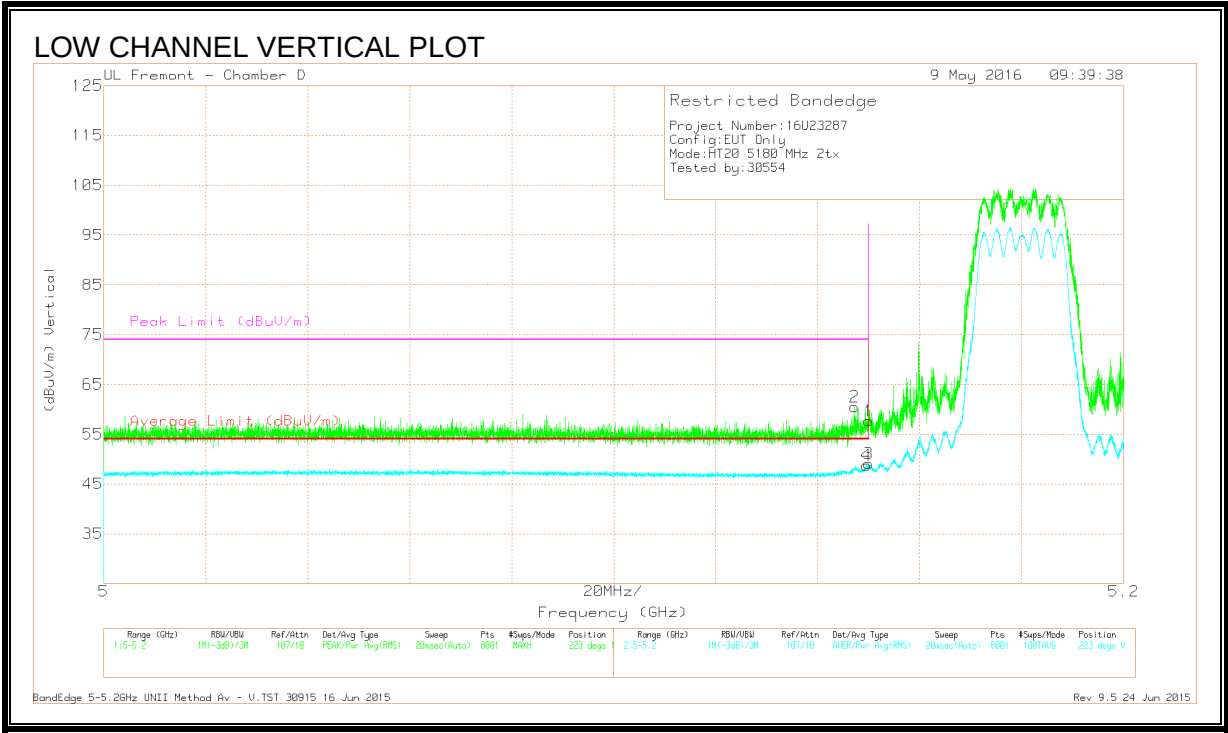
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Ampl/Cbl/Ftr/P ad (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	46.92	Pk	34.1	-18.9	62.12	-	-	74	-11.88	3	103	H
4	* 5.149	35.32	RMS	34.1	-18.9	50.52	54	-3.48	-	-	3	103	H
1	5.15	43.02	Pk	34.1	-19	58.12	-	-	74	-15.88	3	103	H
3	5.15	33.4	RMS	34.1	-19	48.5	54	-5.5	-	-	3	103	H

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

Pk - Peak detector

RMS - RMS detection



DATA

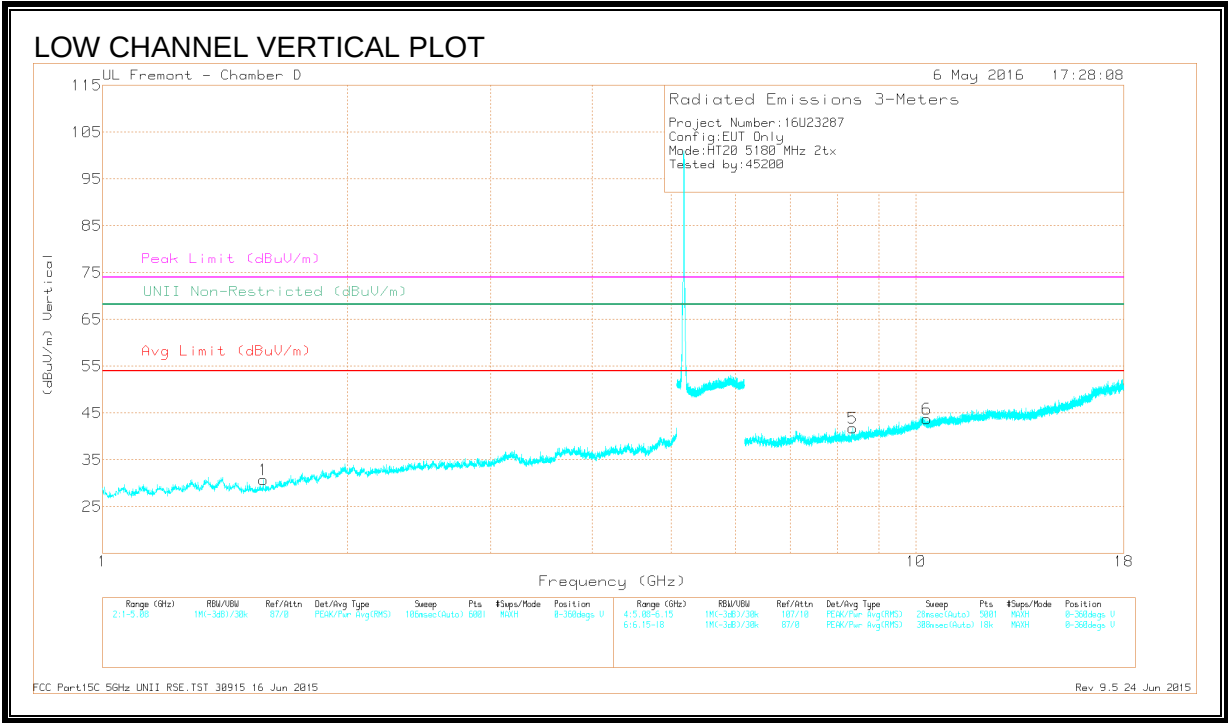
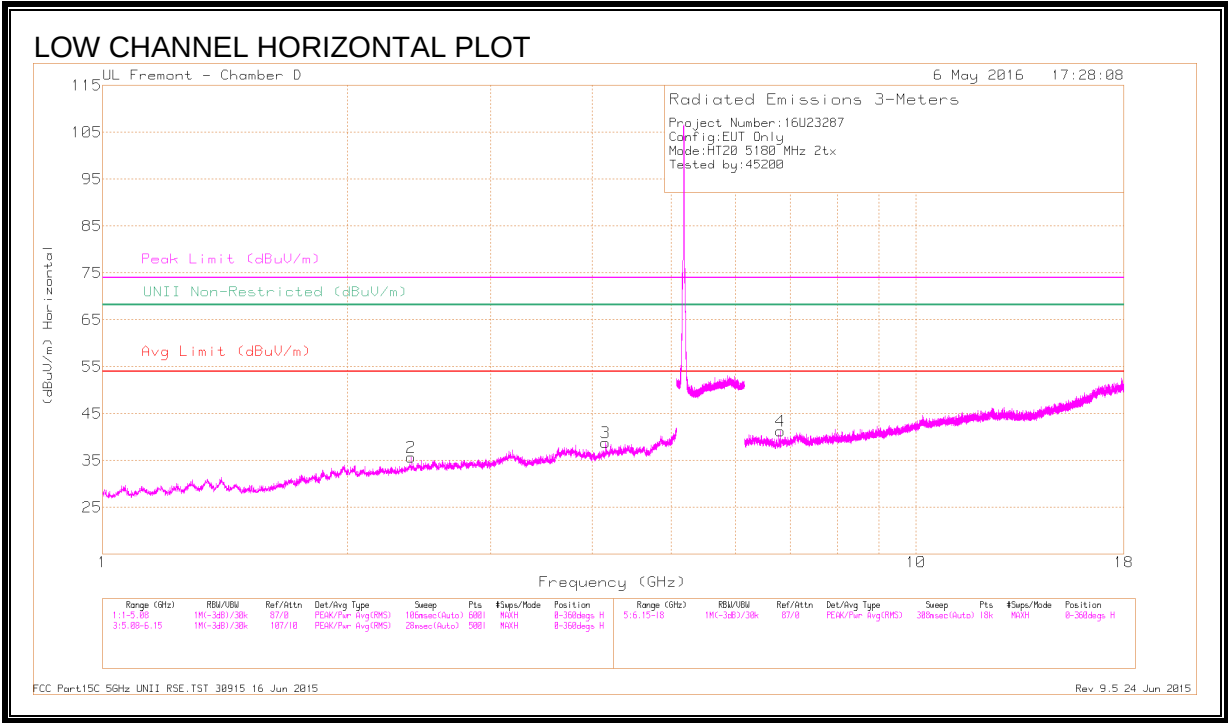
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.147	44.59	Pk	34.1	-18.2	60.49	-	-	74	-13.51	223	101	V
1	* 5.15	41.77	Pk	34.1	-18.2	57.67	-	-	74	-16.33	223	101	V
3	* 5.15	33.2	RMS	34.1	-18.2	49.1	54	-4.9	-	-	223	101	V
4	* 5.15	32.88	RMS	34.1	-18.2	48.78	54	-5.22	-	-	223	101	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

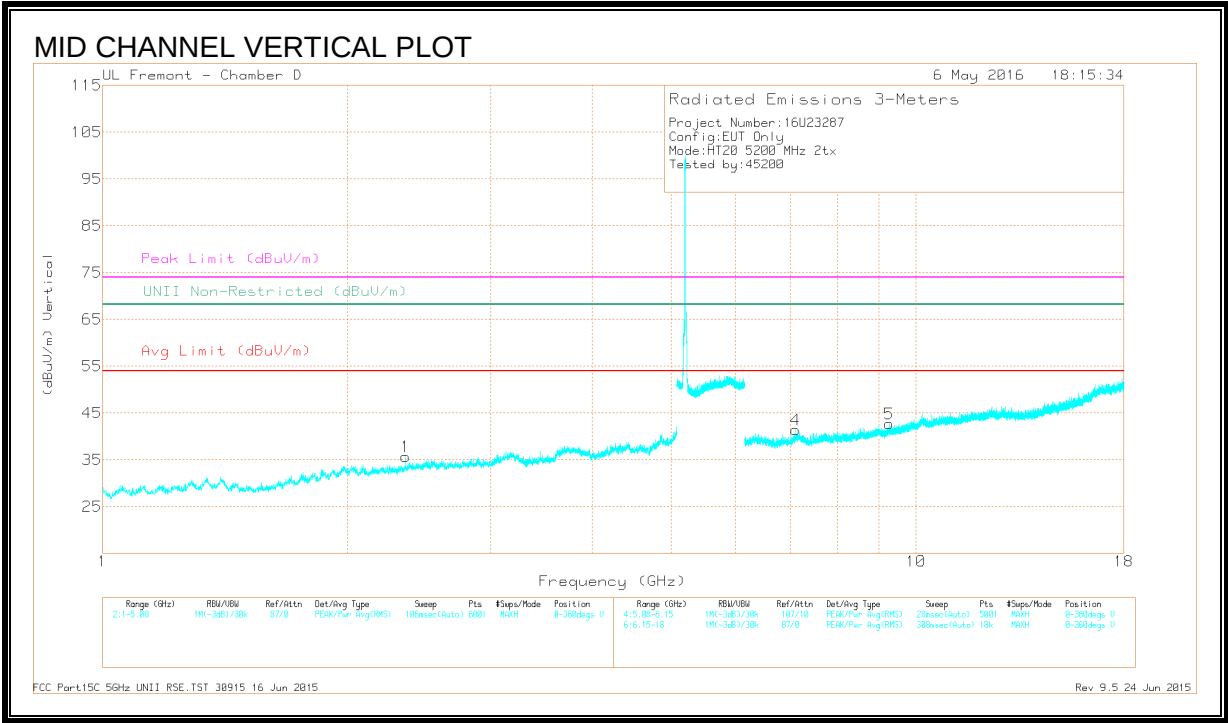
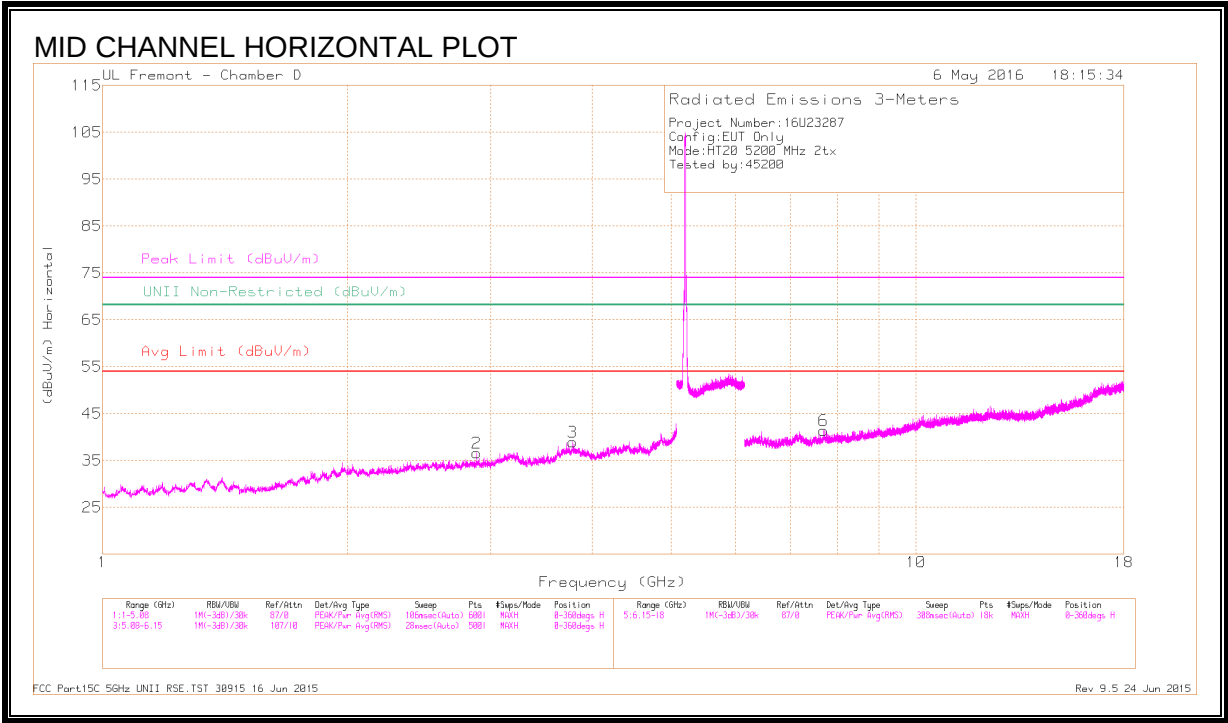
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.148	38.17	PK-U	33.5	-28.2	43.47	-	-	74	-30.53	-	-	295	292	H
	* 4.151	26.53	ADR	33.5	-28.1	31.93	54	-22.07	-	-	-	-	295	292	H
1	* 1.577	41.22	PK-U	28	-31.7	37.52	-	-	74	-36.48	-	-	286	235	V
	* 1.576	28.68	ADR	28	-31.7	24.98	54	-29.02	-	-	-	-	286	235	V
5	* 8.36	35.69	PK-U	35.8	-23.2	48.29	-	-	74	-25.71	-	-	117	202	V
	* 8.361	23.55	ADR	35.8	-23.2	36.15	54	-17.85	-	-	-	-	117	202	V
2	2.396	40.21	PK-U	32.2	-30.3	42.11	-	-	-	-	68.2	-26.09	281	390	H
4	6.806	36.16	PK-U	35.6	-25.8	45.96	-	-	-	-	68.2	-22.24	4	199	H
6	10.317	33.74	PK-U	37.5	-21.1	50.14	-	-	-	-	68.2	-18.06	192	264	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

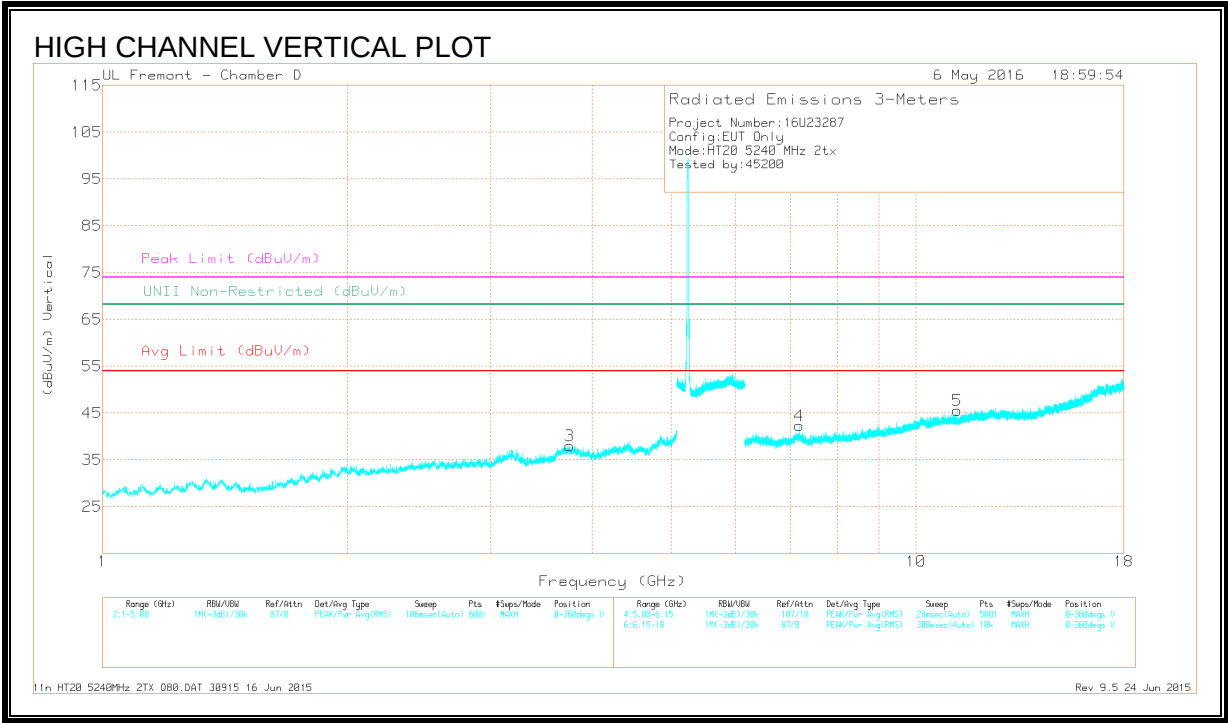
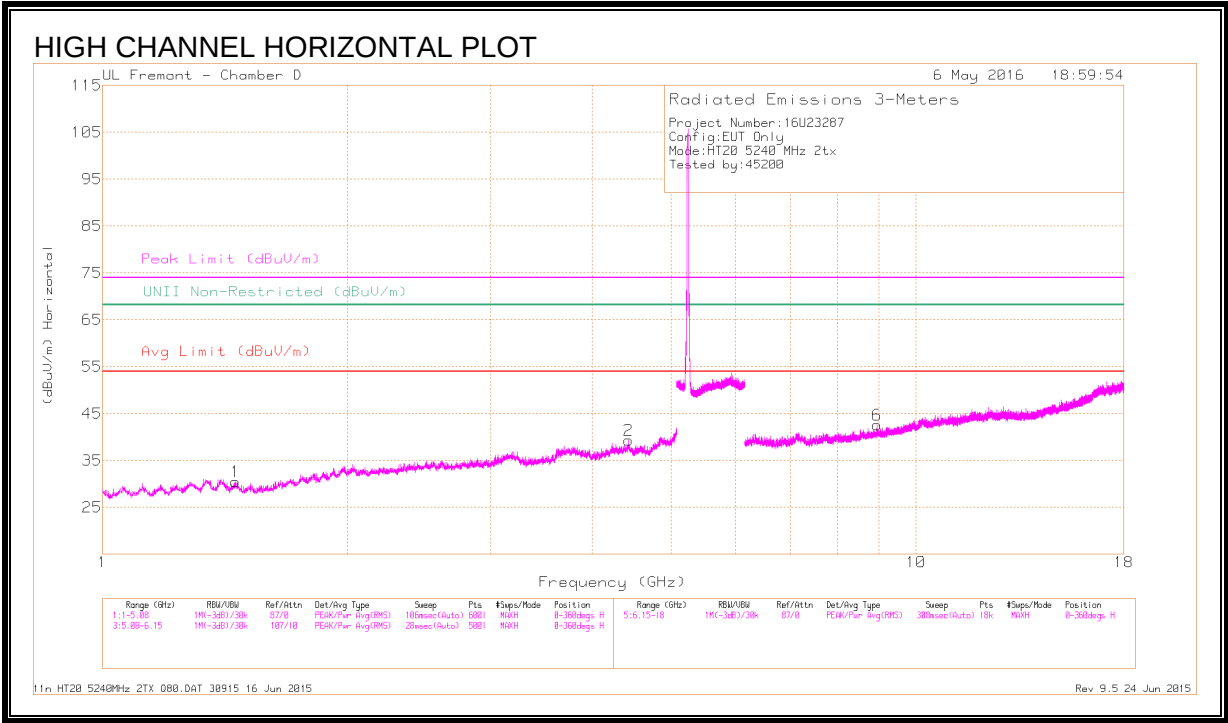
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.885	39.54	PK-U	32.3	-29	42.84	-	-	74	-31.16	-	-	203	233	H
	* 2.885	27.13	ADR	32.3	-29.1	30.33	54	-23.67	-	-	-	-	203	233	H
3	* 3.782	38.87	PK-U	33.5	-28.5	43.87	-	-	74	-30.13	-	-	192	196	H
	* 3.781	26.87	ADR	33.5	-28.5	31.87	54	-22.13	-	-	-	-	192	196	H
1	* 2.359	40.25	PK-U	31.9	-30.3	41.85	-	-	74	-32.15	-	-	216	173	V
	* 2.357	27.65	ADR	31.9	-30.3	29.25	54	-24.75	-	-	-	-	216	173	V
6	* 7.69	36.53	PK-U	35.8	-24.6	47.73	-	-	74	-26.27	-	-	26	295	H
	* 7.692	24.53	ADR	35.8	-24.4	35.93	54	-18.07	-	-	-	-	26	295	H
4	7.115	36.31	PK-U	35.8	-24.3	47.81	-	-	-	-	68.2	-20.39	352	232	V
5	9.272	34.02	PK-U	36.3	-21.6	48.72	-	-	-	-	68.2	-19.48	231	286	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 1.458	40.88	PK-U	28.3	-31.3	37.88	-	-	74	-36.12	-	-	6	277	H
	* 1.457	28.86	ADR	28.3	-31.3	25.86	54	-28.14	-	-	-	-	6	277	H
3	* 3.749	39	PK-U	33.5	-28.8	43.7	-	-	74	-30.3	-	-	26	275	V
	* 3.747	26.91	ADR	33.5	-28.8	31.61	54	-22.39	-	-	-	-	26	275	V
5	* 11.239	34.32	PK-U	38.2	-21.4	51.12	-	-	74	-22.88	-	-	257	346	V
	* 11.241	22.45	ADR	38.2	-21.4	39.25	54	-14.75	-	-	-	-	257	346	V
2	4.433	38.1	PK-U	33.9	-27.2	44.8	-	-	-	-	68.2	-23.4	192	357	H
4	7.188	36.41	PK-U	35.7	-23.4	48.71	-	-	-	-	68.2	-19.49	316	205	V
6	8.955	35.16	PK-U	36.1	-22.6	48.66	-	-	-	-	68.2	-19.54	91	164	H

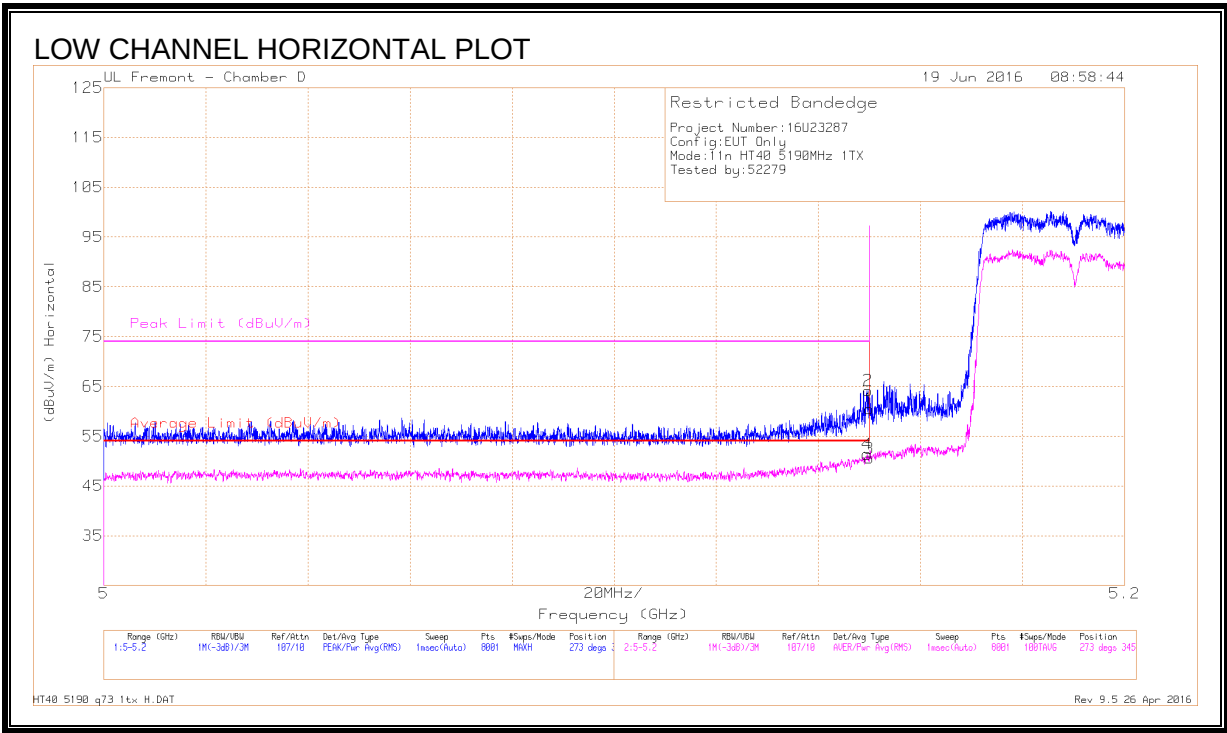
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.4. 802.11n HT40 1Tx MODE IN THE 5.2 GHz BAND

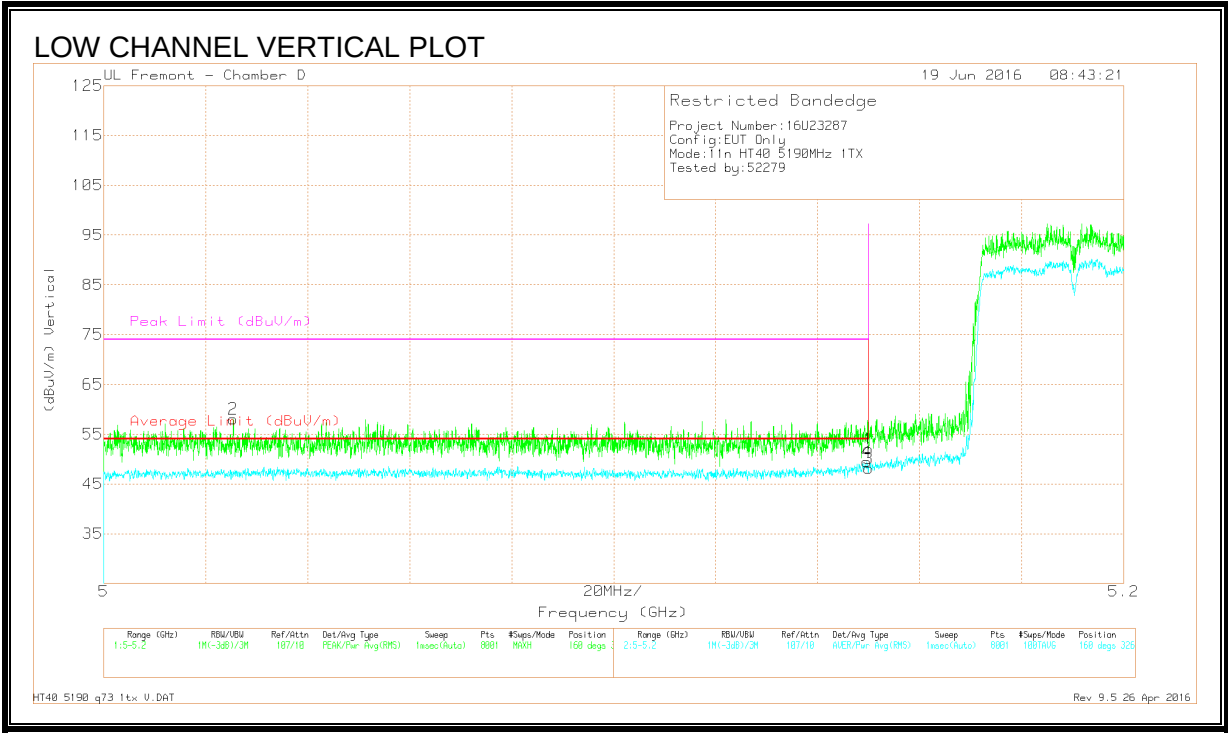
RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Par d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.15	48.28	Pk	34.1	-18.2	64.18	-	-	74	-9.82	273	345	H
4	* 5.15	35.47	RMS	34.1	-18.2	51.37	54	-2.63	-	-	273	345	H
1	5.15	44.59	Pk	34.1	-18.2	60.49	-	-	74	-13.51	273	345	H
3	5.15	34.66	RMS	34.1	-18.2	50.56	54	-3.44	-	-	273	345	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

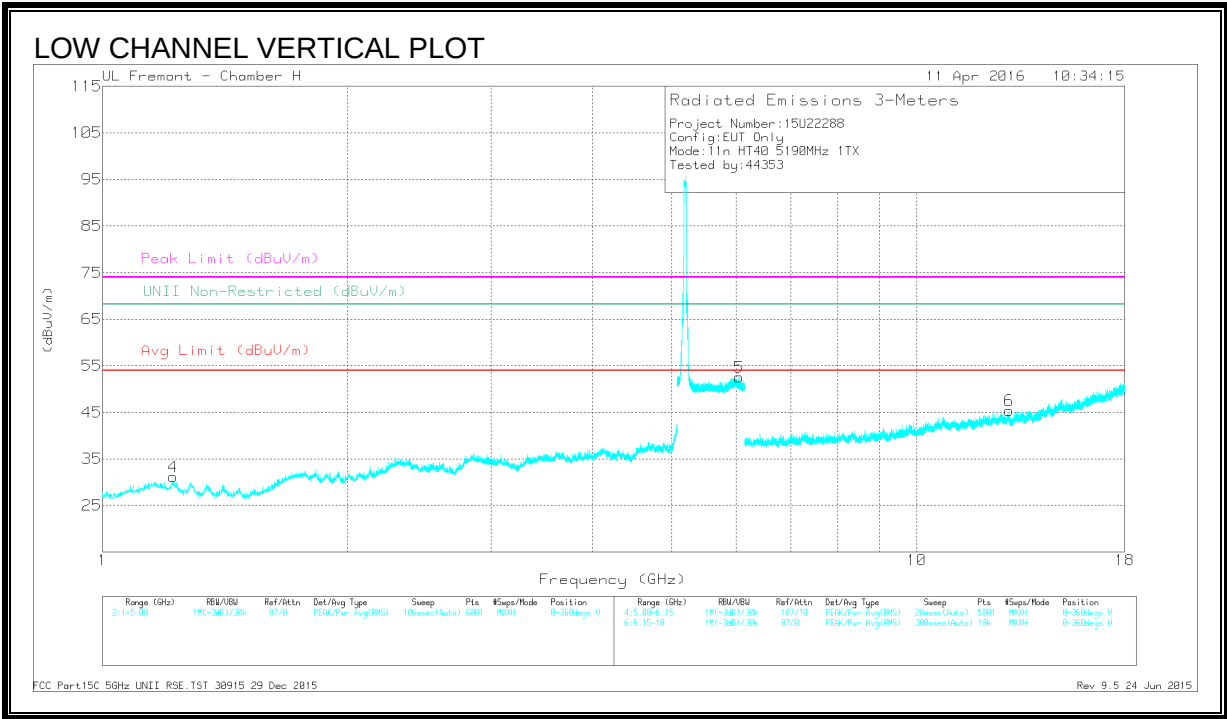
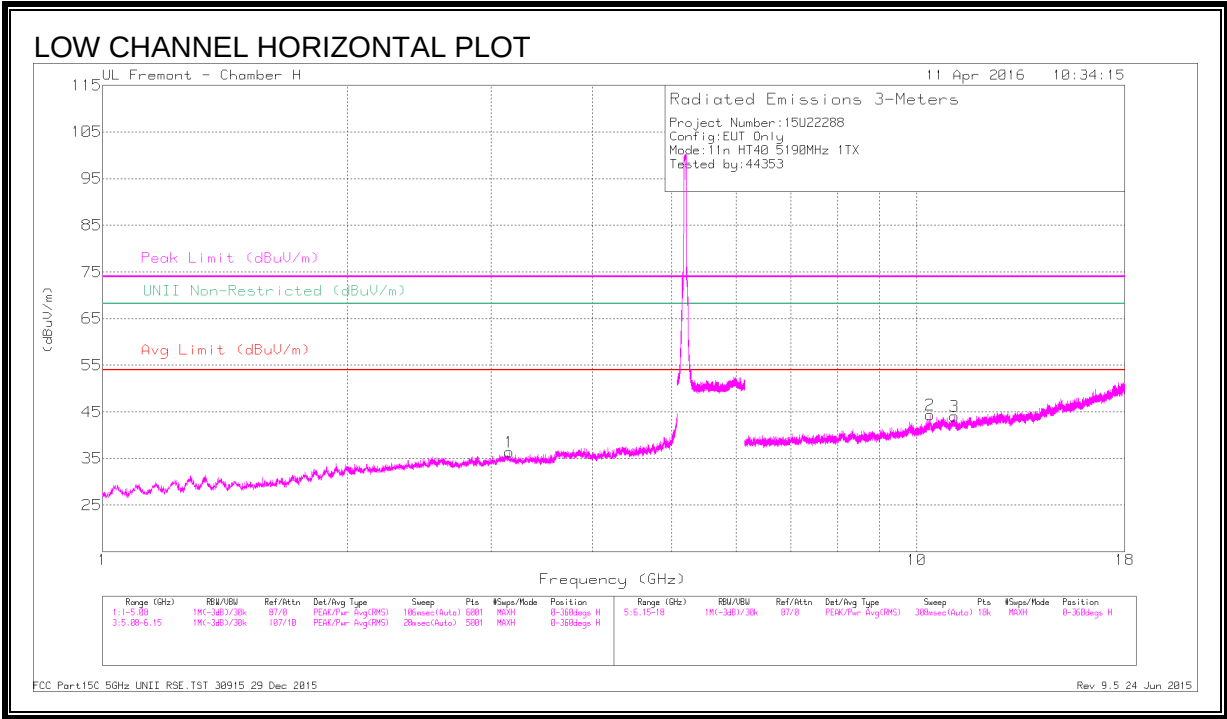
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.025	41.95	Pk	34	-17.9	58.05	-	-	74	-15.95	160	326	V
4	* 5.15	33.56	RMS	34.1	-18.2	49.46	54	-4.54	-	-	160	326	V
1	5.15	36.11	Pk	34.1	-18.2	52.01	-	-	74	-21.99	160	326	V
3	5.15	32.24	RMS	34.1	-18.2	48.14	54	-5.86	-	-	160	326	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

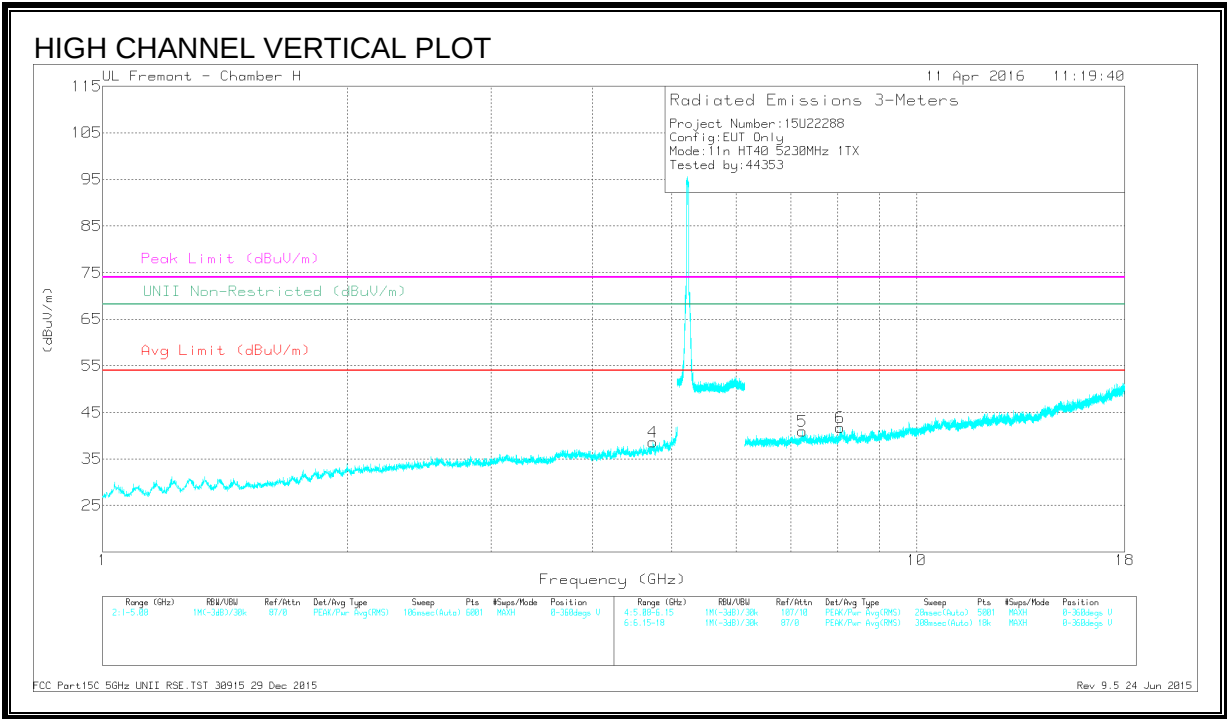
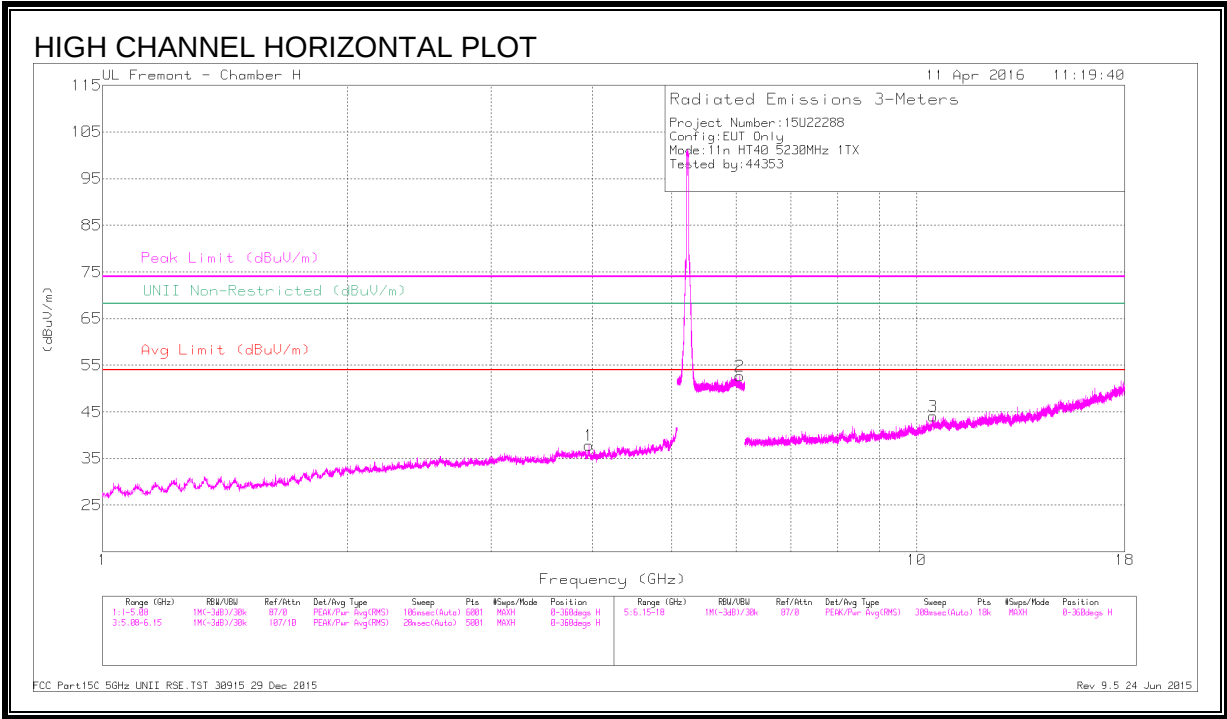
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.22	42.6	PK-U	28.3	-32.7	38.2	-	-	74	-35.8	-	-	251	221	V
	* 1.221	30.9	ADR	28.3	-32.7	26.5	54	-27.5	-	-	-	-	251	221	V
3	* 11.113	33.86	PK-U	37.7	-21.2	50.36	-	-	74	-23.64	-	-	351	156	H
	* 11.115	22.73	ADR	37.7	-21.2	39.23	54	-14.77	-	-	-	-	351	156	H
1	3.158	38.98	PK-U	32.9	-29.2	42.68	-	-	-	-	68.2	-25.52	47	236	H
5	6.052	39.46	PK-U	35.3	-16.2	58.56	-	-	-	-	68.2	-9.64	192	275	V
2	10.382	36.5	PK-U	37.3	-22	51.8	-	-	-	-	68.2	-16.4	336	133	H
6	12.98	34.52	PK-U	39.3	-22.4	51.42	-	-	-	-	68.2	-16.78	80	292	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

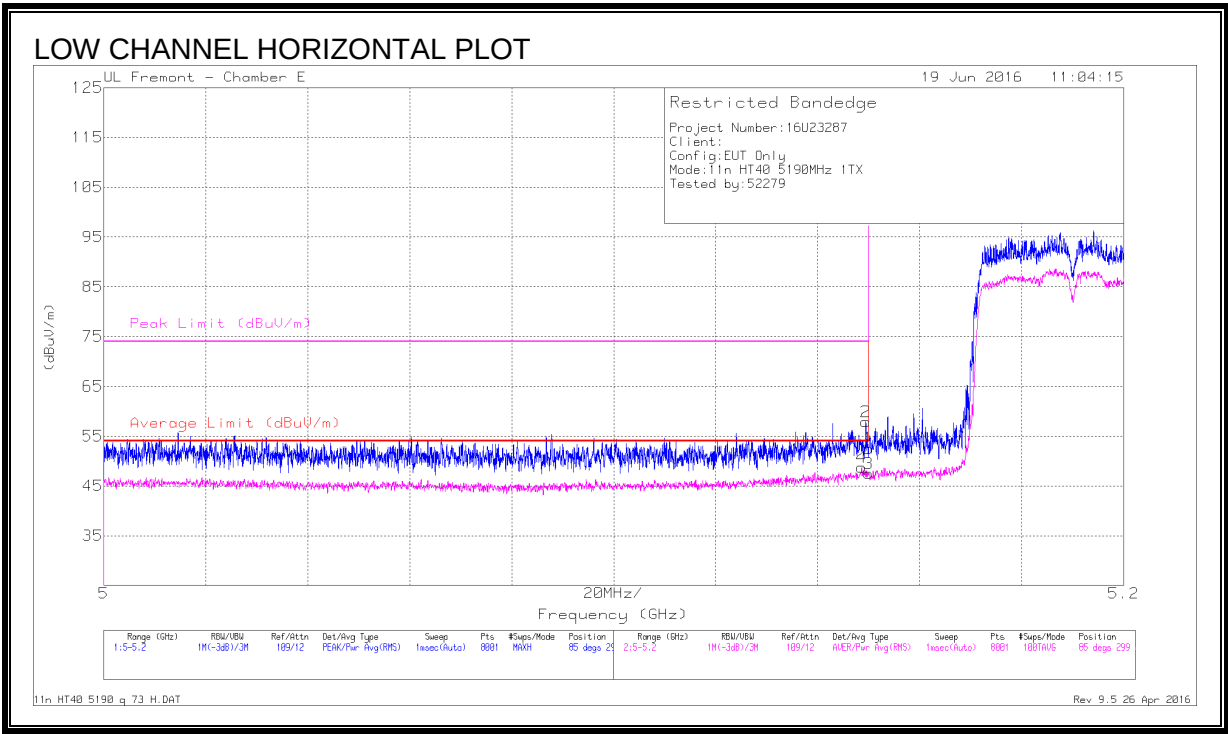
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.957	39	PK-U	33.5	-28.5	44	-	-	74	-30	-	-	31	220	H
	* 3.957	27.71	ADR	33.5	-28.5	32.71	54	-21.29	-	-	-	-	31	220	H
4	* 4.743	38.87	PK-U	34.2	-27.3	45.77	-	-	74	-28.23	-	-	119	108	V
	* 4.743	27.38	ADR	34.2	-27.3	34.28	54	-19.72	-	-	-	-	119	108	V
6	* 8.05	35.13	PK-U	35.9	-23.7	47.33	-	-	74	-26.67	-	-	96	127	V
	* 8.048	24.23	ADR	35.9	-23.7	36.43	54	-17.57	-	-	-	-	96	127	V
2	6.056	39.49	PK-U	35.3	-16.1	58.69	-	-	-	-	68.2	-9.51	33	177	H
5	7.238	36.24	PK-U	35.9	-24.2	47.94	-	-	-	-	68.2	-20.26	270	324	V
3	10.472	36.17	PK-U	37.4	-22.3	51.27	-	-	-	-	68.2	-16.93	196	255	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



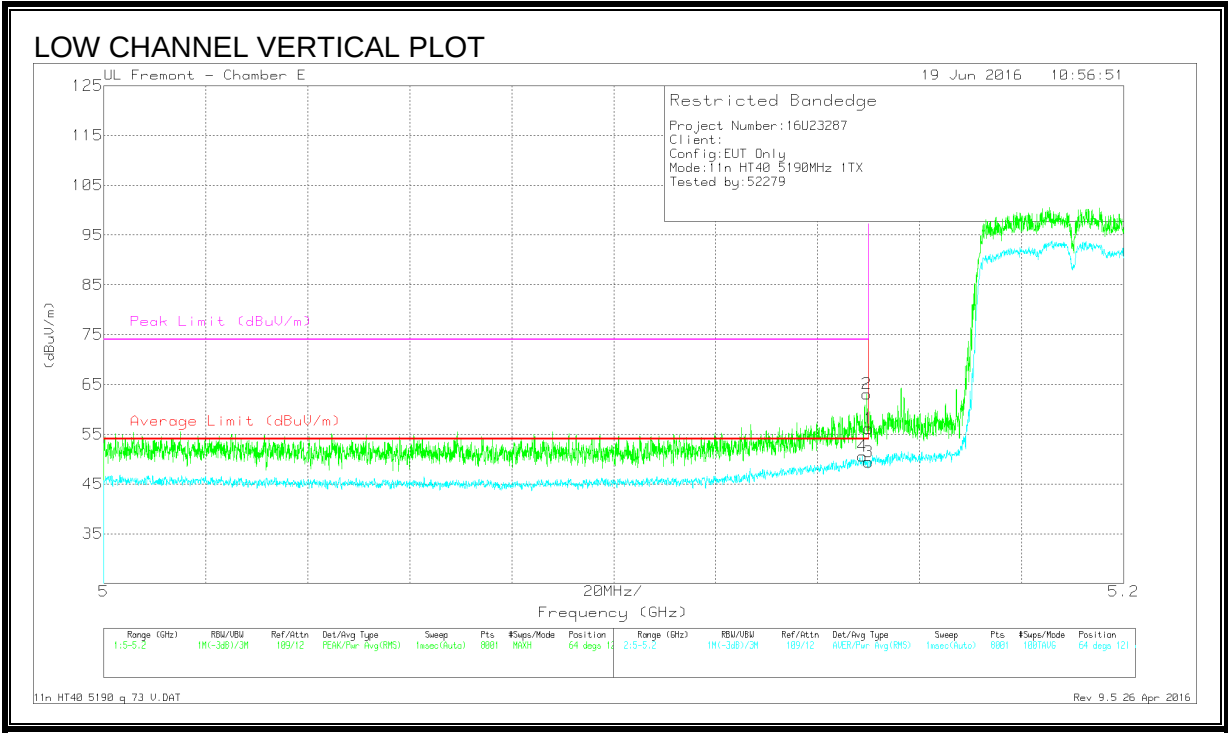
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
2	* 5.149	42.78	Pk	34.1	-19	57.88	-	-	74	-16.12	85	299	H
4	* 5.149	33.51	RMS	34.1	-18.9	48.71	54	-5.29	-	-	85	299	H
1	5.15	37.47	Pk	34.1	-19	52.57	-	-	74	-21.43	85	299	H
3	5.15	32.39	RMS	34.1	-19	47.49	54	-6.51	-	-	85	299	H

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

Pk - Peak detector

RMS - RMS detection



DATA

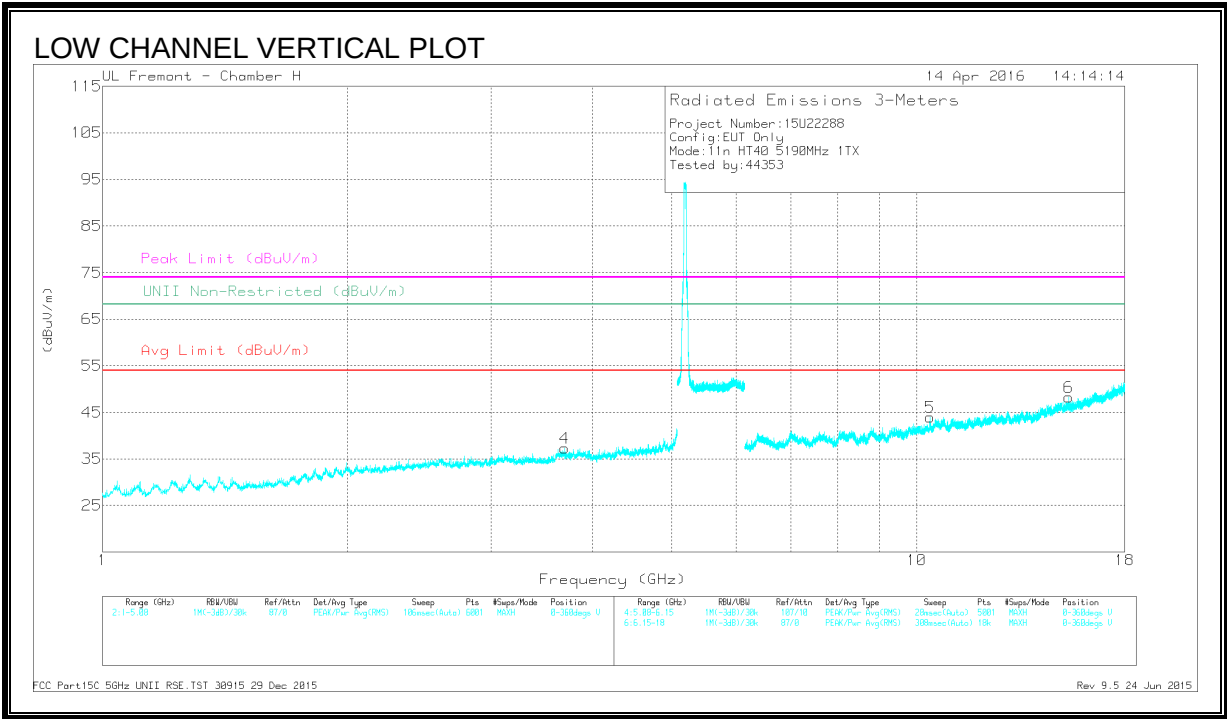
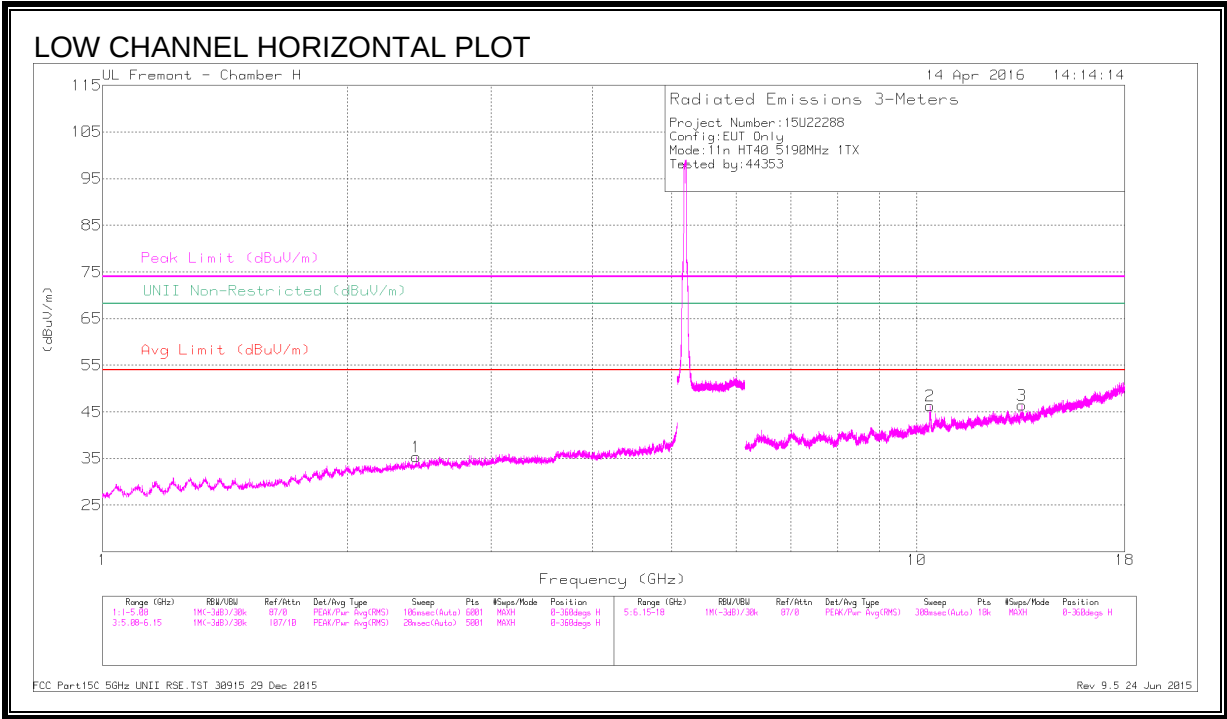
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.15	47.99	Pk	34.1	-19	63.09	-	-	74	-10.91	64	121	V
4	* 5.149	35.4	RMS	34.1	-18.9	50.6	54	-3.4	-	-	64	121	V
1	5.15	41.04	Pk	34.1	-19	56.14	-	-	74	-17.86	64	121	V
3	5.15	34.33	RMS	34.1	-19	49.43	54	-4.57	-	-	64	121	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

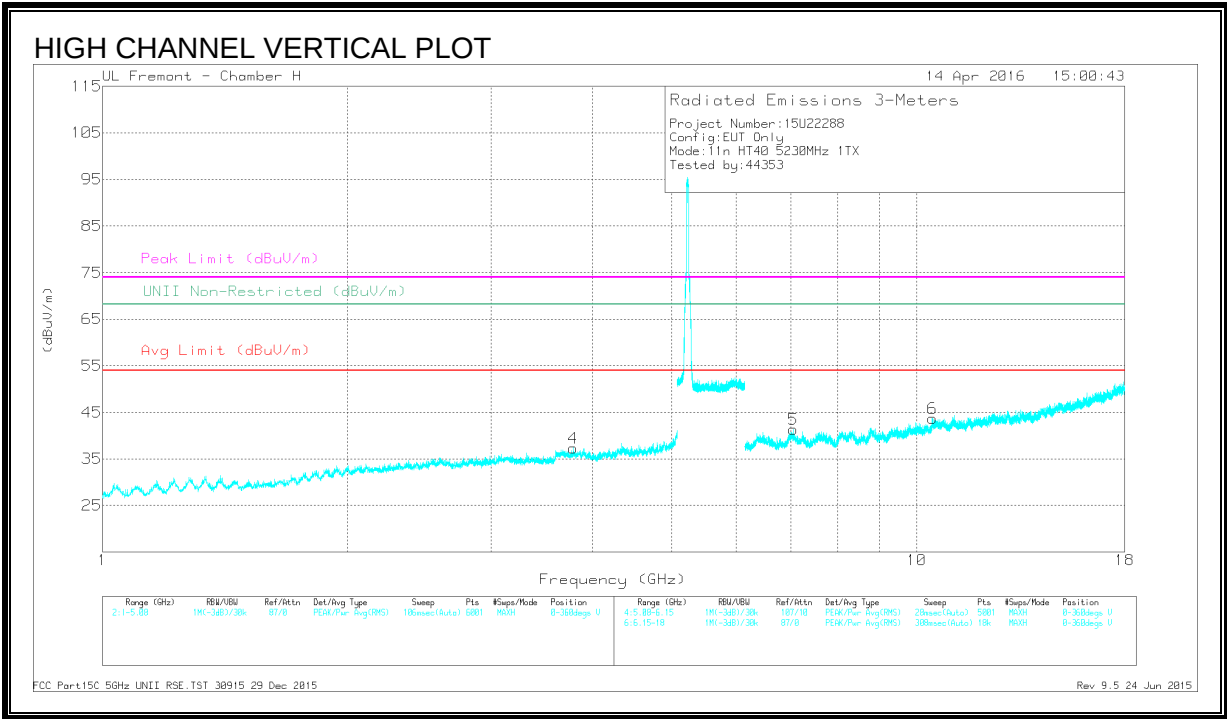
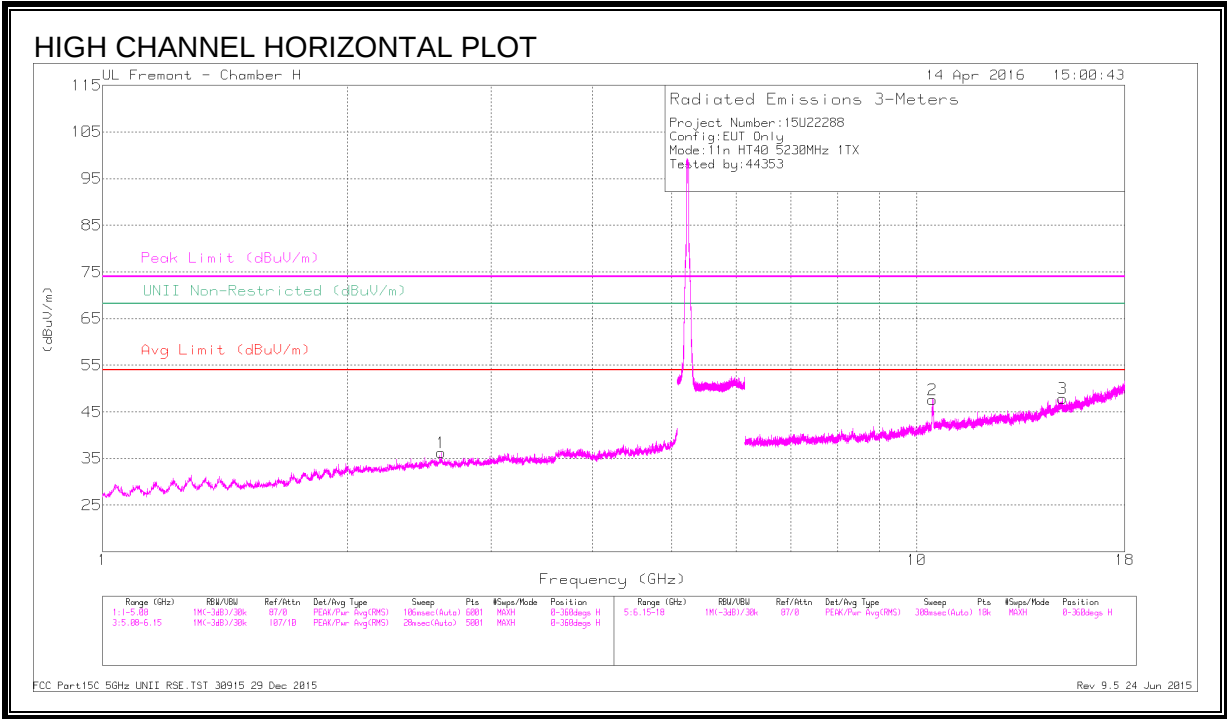
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.697	39.01	PK-U	33.2	-28.3	43.91	-	-	74	-30.09	-	-	61	158	V
	* 3.697	27.55	ADR	33.2	-28.3	32.45	54	-21.55	-	-	-	-	61	158	V
6	* 15.374	34.33	PK-U	40.7	-20.5	54.53	-	-	74	-19.47	-	-	189	236	V
	* 15.373	22.87	ADR	40.7	-20.5	43.07	54	-10.93	-	-	-	-	189	236	V
1	2.43	40.81	PK-U	32.2	-31.4	41.61	-	-	-	-	68.2	-26.59	2	100	H
5	10.369	41.47	PK-U	37.2	-21.9	56.77	-	-	-	-	68.2	-11.43	114	191	H
2	10.383	37.16	PK-U	37.3	-22	52.46	-	-	-	-	68.2	-15.74	317	112	V
3	13.457	35.48	PK-U	39.5	-21.7	53.28	-	-	-	-	68.2	-14.92	114	202	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

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
4	* 3.787	39.72	PK-U	33.4	-28.8	44.32	-	-	74	-29.68	-	-	60	201	V
	* 3.79	28.1	ADR	33.4	-28.7	32.8	54	-21.2	-	-	-	-	60	201	V
1	2.606	40.72	PK-U	32.5	-30.3	42.92	-	-	-	-	68.2	-25.28	2	265	H
5	7.052	36.16	PK-U	35.8	-25.2	46.76	-	-	-	-	68.2	-21.44	119	122	V
6	10.454	38.77	PK-U	37.4	-22.3	53.87	-	-	-	-	68.2	-14.33	60	122	V
2	10.46	42.06	PK-U	37.4	-22.3	57.16	-	-	-	-	68.2	-11.04	119	179	H
3	15.091	34.86	PK-U	40.6	-20.9	54.56	-	-	-	-	68.2	-13.64	98	281	H

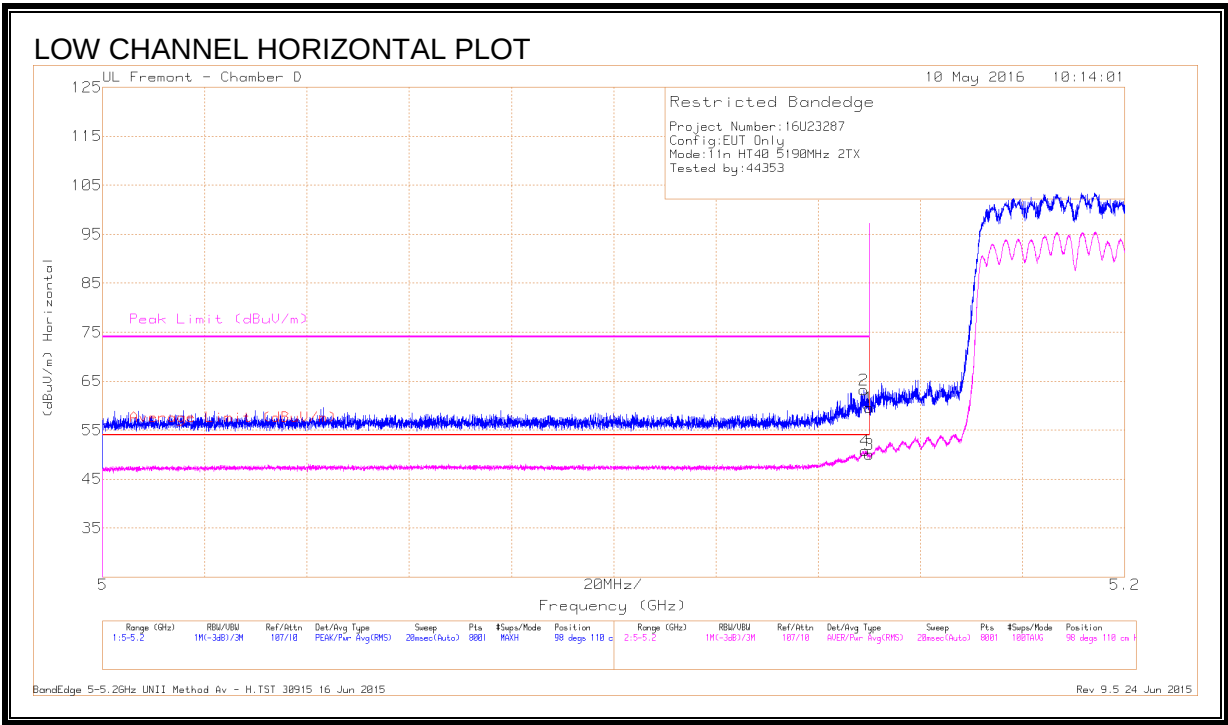
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.5. 802.11n HT40 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



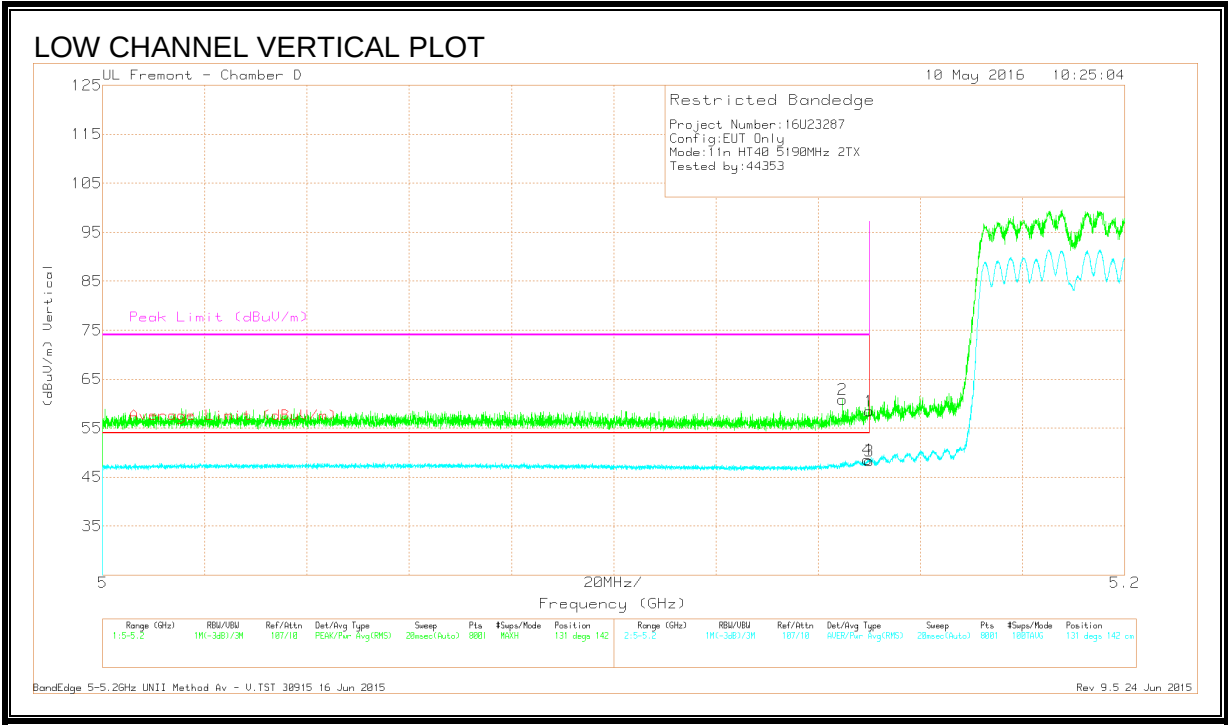
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.73	Pk	34.1	-18.2	59.63	-	-	74	-14.37	98	110	H
2	* 5.149	47.32	Pk	34.1	-18.2	63.22	-	-	74	-10.78	98	110	H
3	* 5.15	34.11	RMS	34.1	-18.2	50.01	54	-3.99	-	-	98	110	H
4	* 5.149	34.87	RMS	34.1	-18.2	50.77	54	-3.23	-	-	98	110	H

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

Pk - Peak detector

RMS - RMS detection



DATA

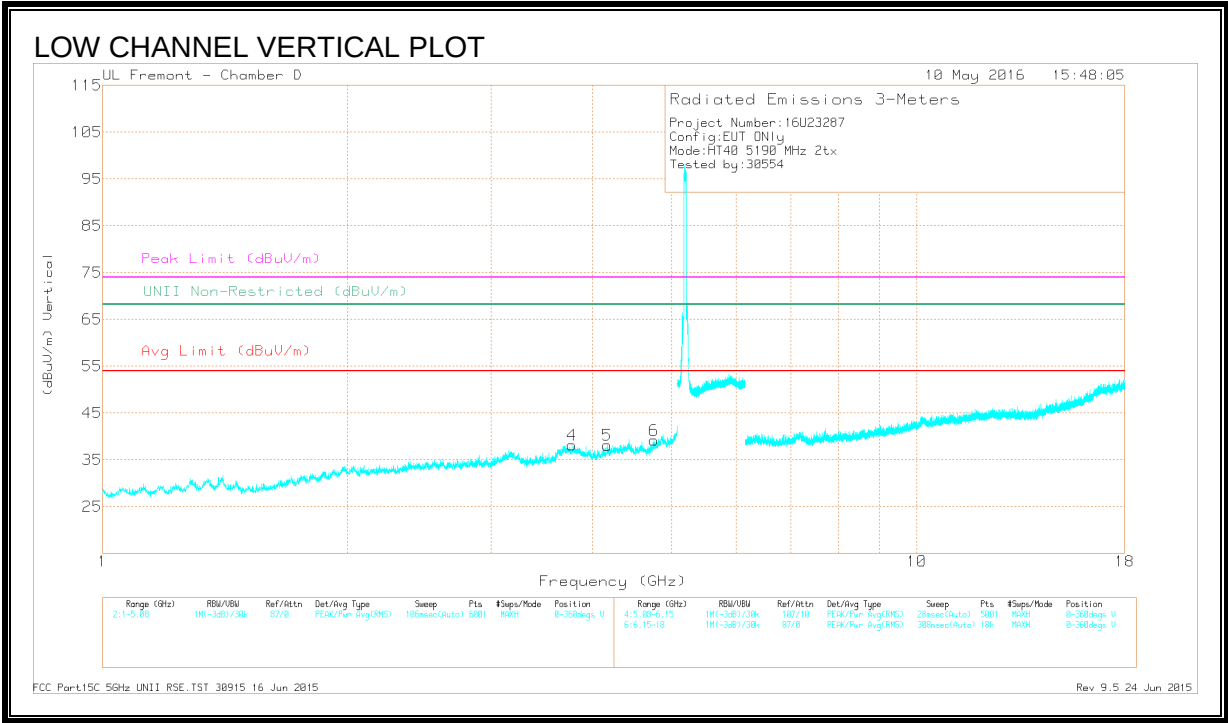
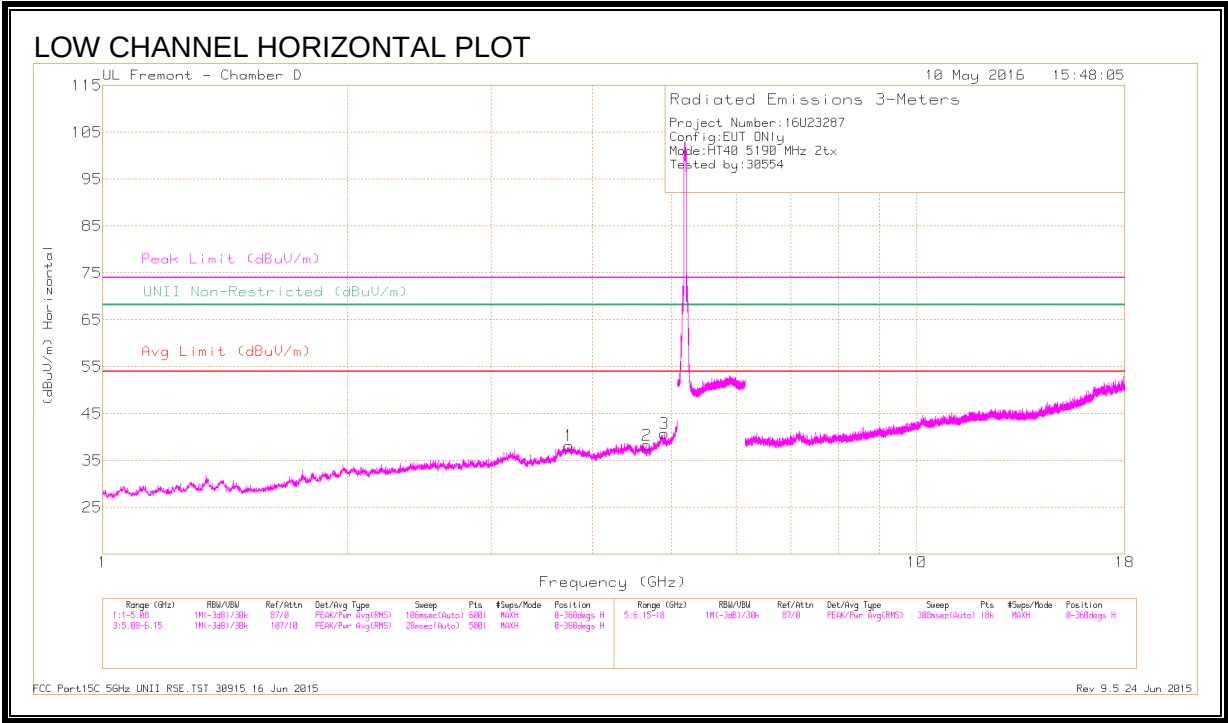
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/ Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.53	Pk	34.1	-18.2	58.43	-	-	74	-15.57	131	142	V
2	* 5.145	44.94	Pk	34.1	-18.2	60.84	-	-	74	-13.16	131	142	V
3	* 5.15	32.36	RMS	34.1	-18.2	48.26	54	-5.74	-	-	131	142	V
4	* 5.15	32.7	RMS	34.1	-18.2	48.6	54	-5.4	-	-	131	142	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



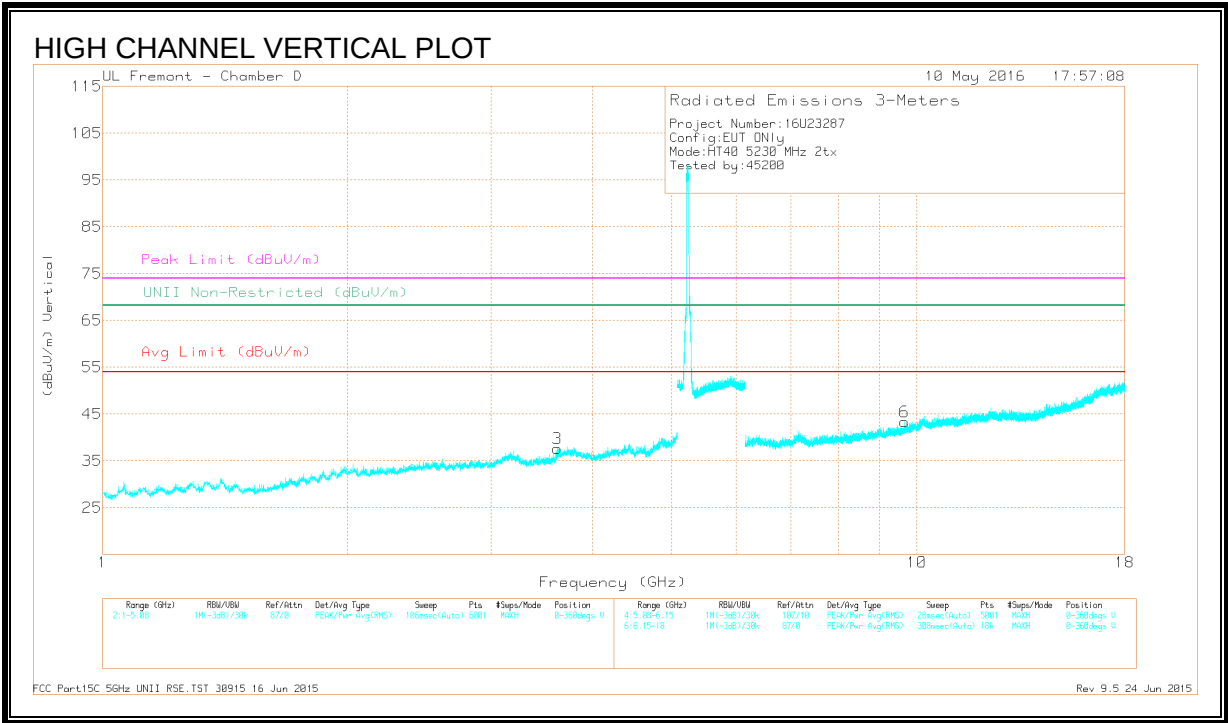
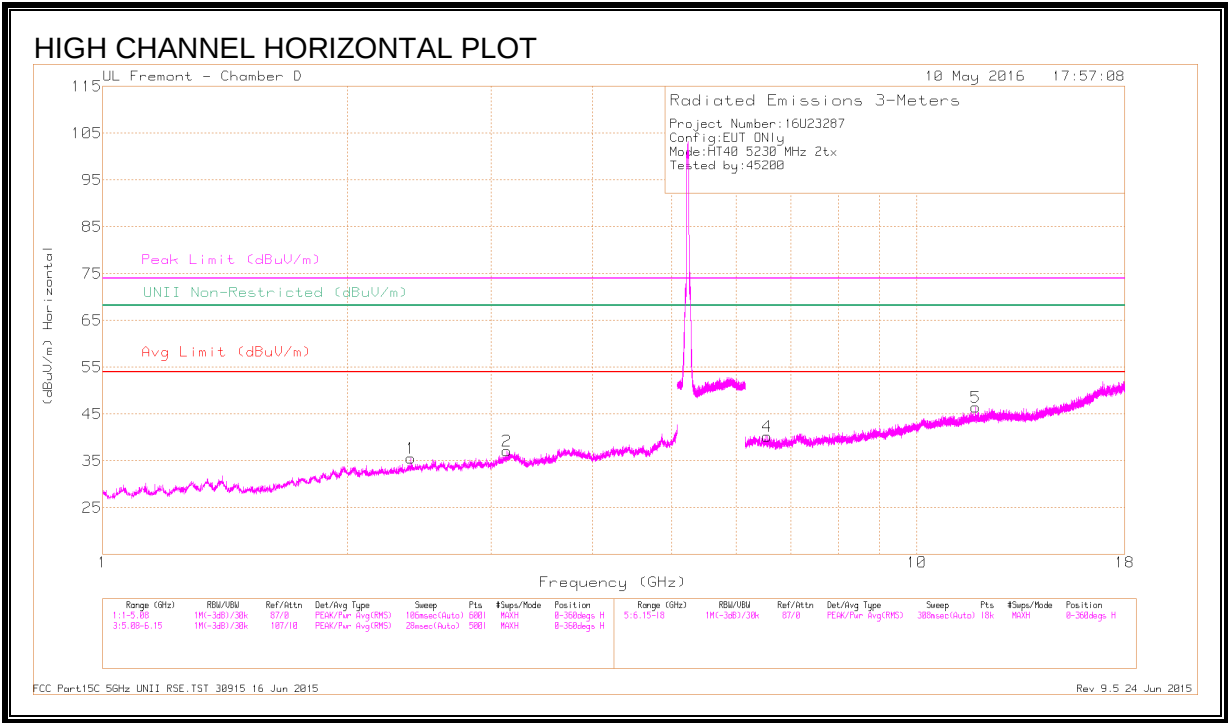
DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 3.739	38.97	PK-U	33.5	-28.9	43.57	-	-	74	-30.43	-	-	360	101	H
	* 3.738	27.71	ADR	33.5	-28.8	32.41	54	-21.59	-	-	-	-	360	101	H
2	* 4.66	38.35	PK-U	34.1	-27.5	44.95	-	-	74	-29.05	-	-	360	101	H
	* 4.662	27.03	ADR	34.1	-27.5	33.63	54	-20.37	-	-	-	-	360	101	H
3	* 4.896	37.06	PK-U	34.1	-25.4	45.76	-	-	74	-28.24	-	-	360	101	H
	* 4.898	25.66	ADR	34.1	-25.5	34.26	54	-19.74	-	-	-	-	360	101	H
4	* 3.772	38.44	PK-U	33.5	-28.6	43.34	-	-	74	-30.66	-	-	360	101	V
	* 3.77	27.45	ADR	33.5	-28.6	32.35	54	-21.65	-	-	-	-	360	101	V
5	* 4.169	39.18	PK-U	33.5	-28.2	44.48	-	-	74	-29.52	-	-	360	101	V
	* 4.165	27.08	ADR	33.5	-28.2	32.38	54	-21.62	-	-	-	-	360	101	V
6	* 4.755	38.42	PK-U	34	-27.2	45.22	-	-	74	-28.78	-	-	360	101	V
	* 4.757	27.5	ADR	34	-27.2	34.3	54	-19.7	-	-	-	-	360	101	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



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/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	* 3.623	39.26	PK-U	33.3	-28.8	43.76	-	-	74	-30.24	-	-	299	101	V
	* 3.623	26.92	ADR	33.3	-28.8	31.42	54	-22.58	-	-	-	-	299	101	V
5	* 11.815	34.62	PK-U	38.7	-21.2	52.12	-	-	74	-21.88	-	-	290	369	H
	* 11.816	22.78	ADR	38.7	-21.2	40.28	54	-13.72	-	-	-	-	290	369	H
1	2.391	39.9	PK-U	32.1	-30.2	41.8	-	-	-	-	68.2	-26.4	288	163	H
2	3.137	38.91	PK-U	33.5	-28.6	43.81	-	-	-	-	68.2	-24.39	310	280	H
4	6.553	36.32	PK-U	35.6	-25.4	46.52	-	-	-	-	68.2	-21.68	83	121	H
6	9.664	34.61	PK-U	36.8	-21.8	49.61	-	-	-	-	68.2	-18.59	47	234	V

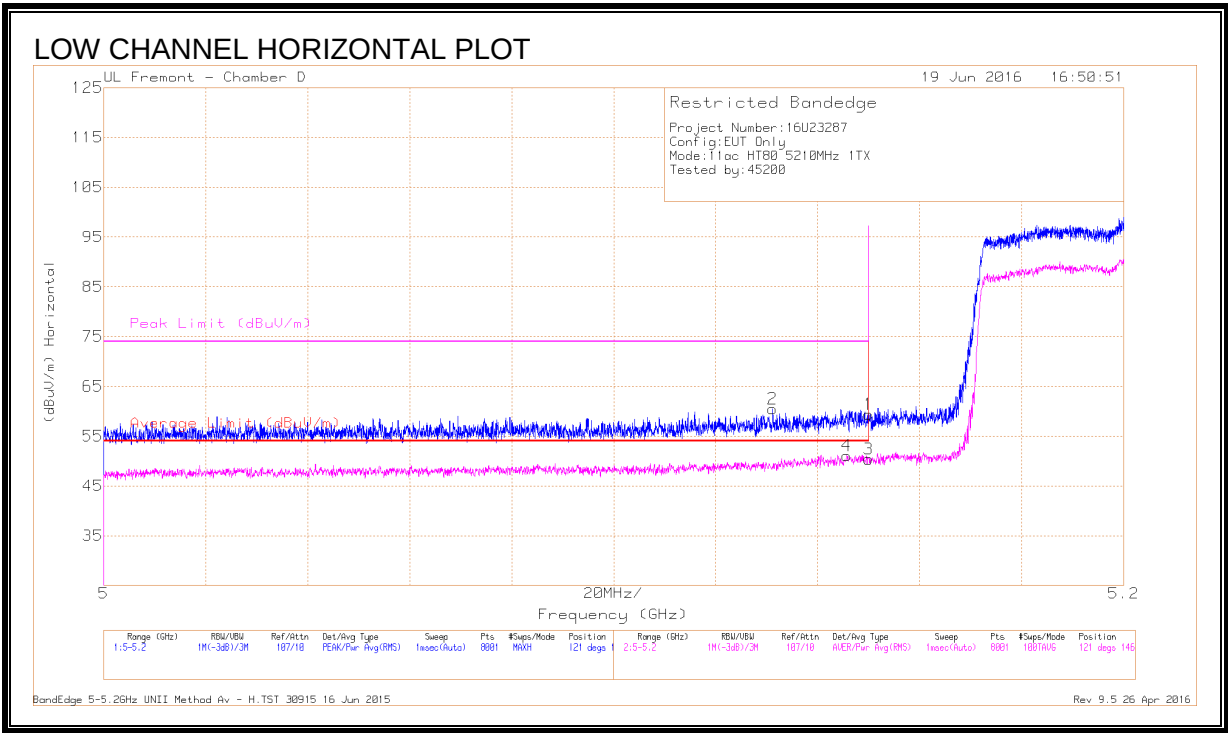
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.6. 802.11ac VHT80 1Tx MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL, CH 42)



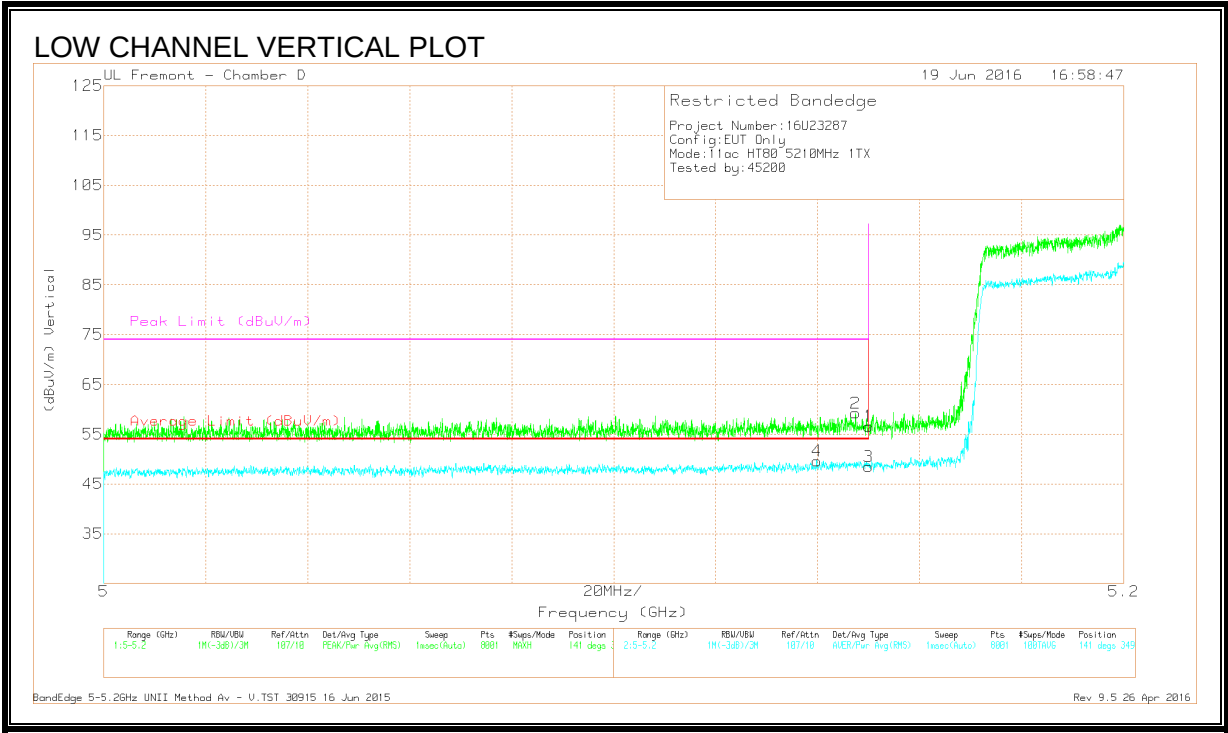
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
2	* 5.131	44.6	Pk	34.1	-18.2	0	60.5	-	-	74	-13.5	121	146	H
4	* 5.146	35.21	RMS	34.1	-18.2	.15	51.26	54	-2.74	-	-	121	146	H
1	5.15	43.51	Pk	34.1	-18.2	0	59.41	-	-	74	-14.59	121	146	H
3	5.15	34.51	RMS	34.1	-18.2	.15	50.56	54	-3.44	-	-	121	146	H

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

Pk - Peak detector

RMS - RMS detection



DATA

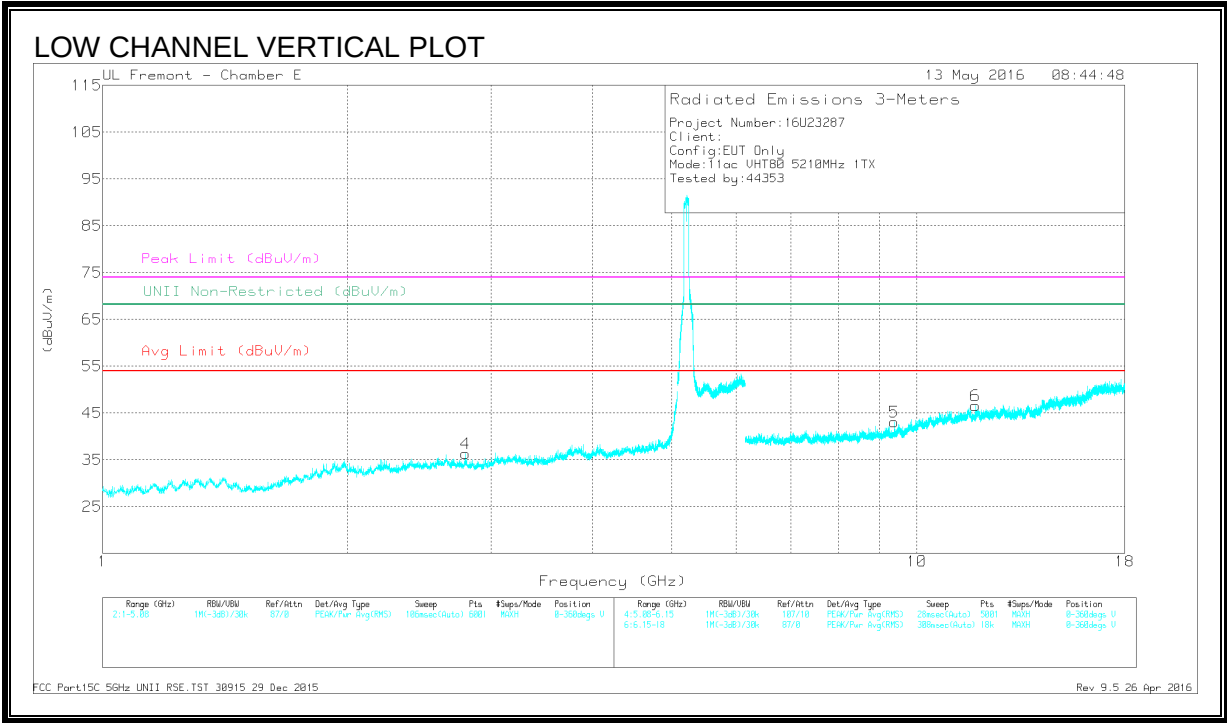
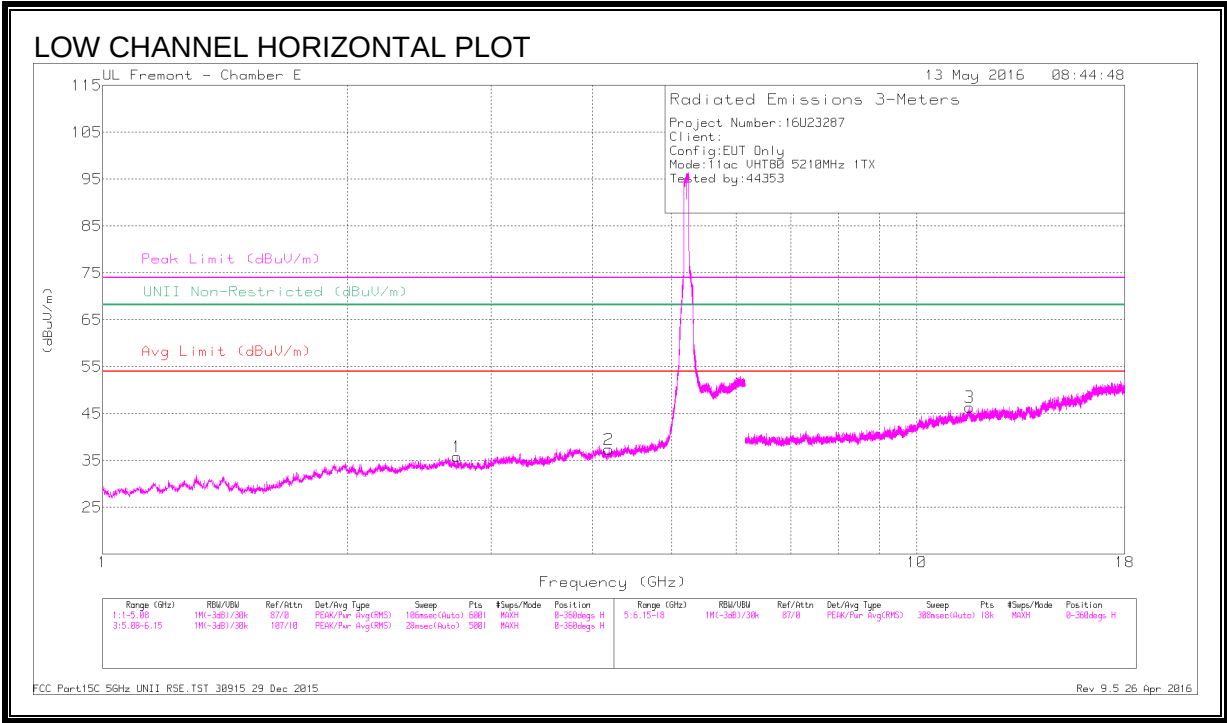
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
2	* 5.147	43.34	Pk	34.1	-18.2	0	59.24	-	-	74	-14.76	141	349	V
4	* 5.14	33.72	RMS	34.1	-18.2	.15	49.77	54	-4.23	-	-	141	349	V
1	5.15	40.69	Pk	34.1	-18.2	0	56.59	-	-	74	-17.41	141	349	V
3	5.15	32.59	RMS	34.1	-18.2	.15	48.64	54	-5.36	-	-	141	349	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

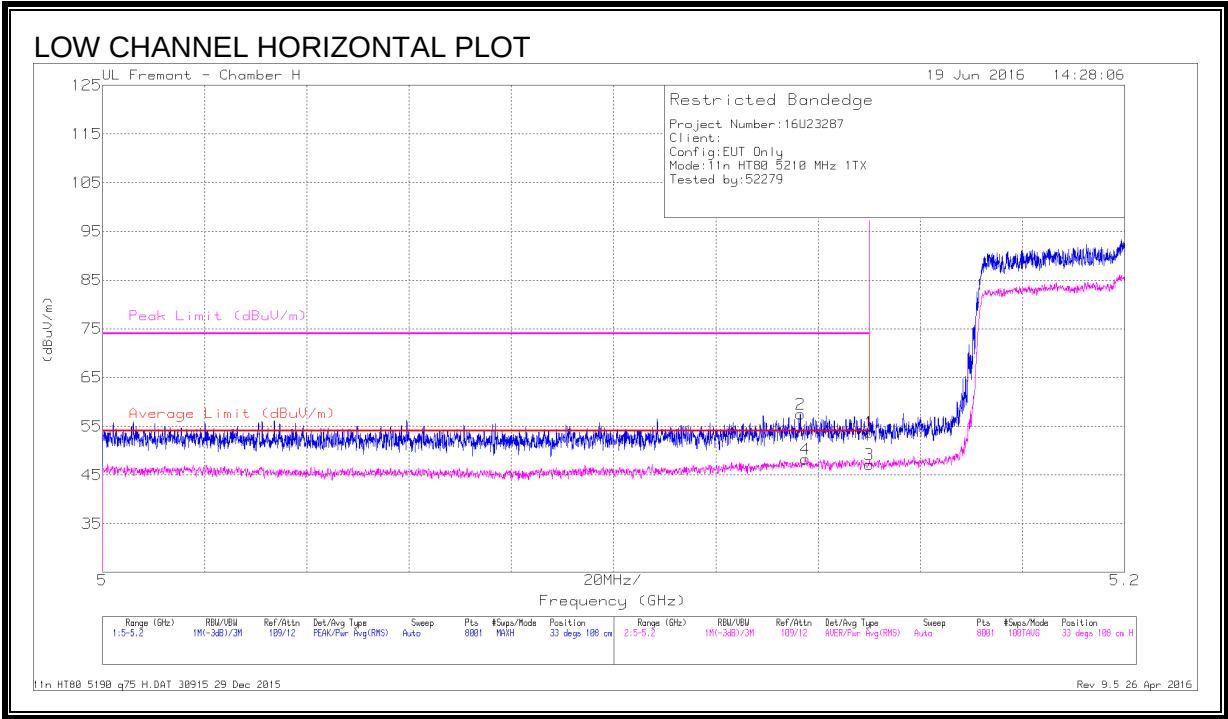
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T711 (dB/m)	Amp/Ch/FH/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.727	41.27	PK-U	32.5	-32.5	0	41.27	-	-	74	-32.73	-	-	322	214	H
	* 2.727	30.95	ADR	32.5	-32.5	.15	31.1	54	-22.9	-	-	-	-	322	214	H
2	* 4.182	40.35	PK-U	33.3	-30.3	0	43.35	-	-	74	-30.65	-	-	156	177	H
	* 4.183	30.23	ADR	33.3	-30.3	.15	33.38	54	-20.62	-	-	-	-	156	177	H
4	* 2.79	41.1	PK-U	32.4	-32	0	41.5	-	-	74	-32.5	-	-	84	101	V
	* 2.79	30.71	ADR	32.4	-32	.15	31.26	54	-22.74	-	-	-	-	84	101	V
3	* 11.608	36.07	PK-U	38.4	-23	0	51.47	-	-	74	-22.53	-	-	190	133	H
	* 11.608	26.28	ADR	38.4	-22.9	.15	41.93	54	-12.07	-	-	-	-	190	133	H
5	* 9.379	38.08	PK-U	36.3	-26.2	0	48.18	-	-	74	-25.82	-	-	34	151	V
	* 9.382	27.66	ADR	36.3	-26.3	.15	37.81	54	-16.19	-	-	-	-	34	151	V
6	* 11.798	37.15	PK-U	38.7	-24.4	0	51.45	-	-	74	-22.55	-	-	272	303	V
	* 11.8	26.99	ADR	38.7	-24.3	.15	41.54	54	-12.46	-	-	-	-	272	303	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL, CH 42)



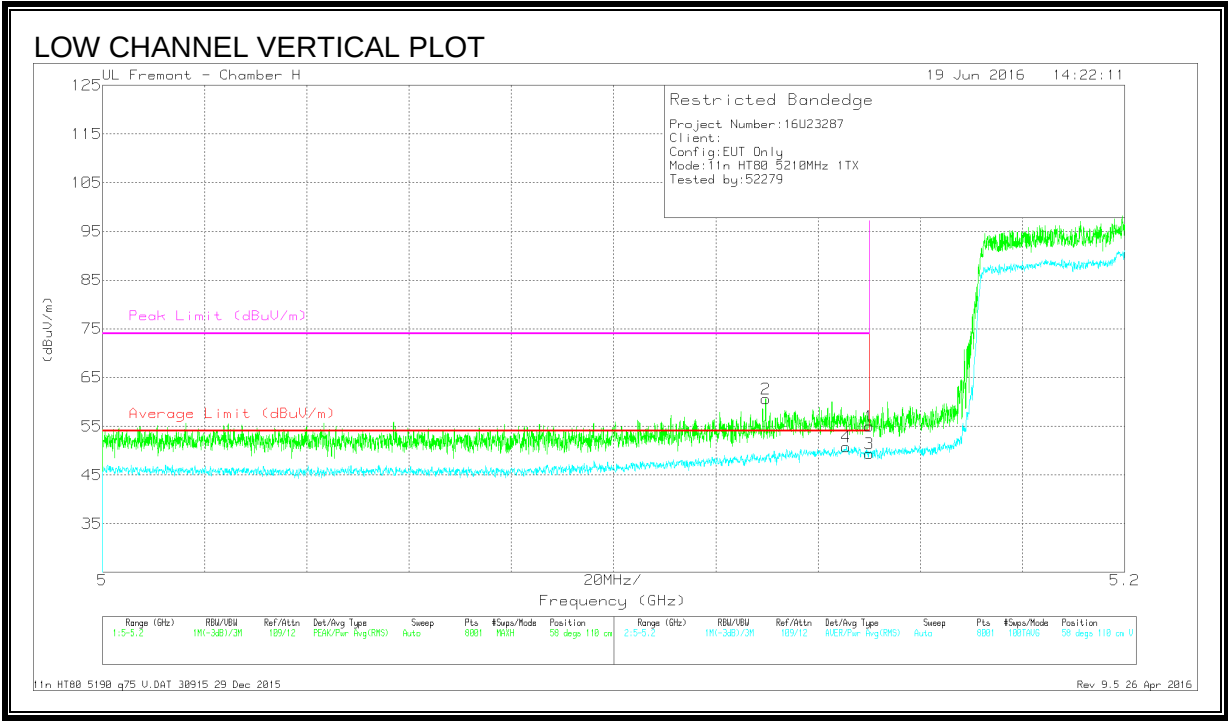
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	Amp/Cbi/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz
2	* 5.137	42.18	Pk	34.1	-18.8	0	57.48	-	-	74	-16.52	33	108	H
4	* 5.138	33	RMS	34.1	-18.8	.15	48.45	54	-5.55	-	-	33	108	H
1	5.15	38.69	Pk	34.1	-19	0	53.79	-	-	74	-20.21	33	108	H
3	5.15	32.09	RMS	34.1	-19	.15	47.34	54	-6.66	-	-	33	108	H

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

Pk - Peak detector

RMS - RMS detection

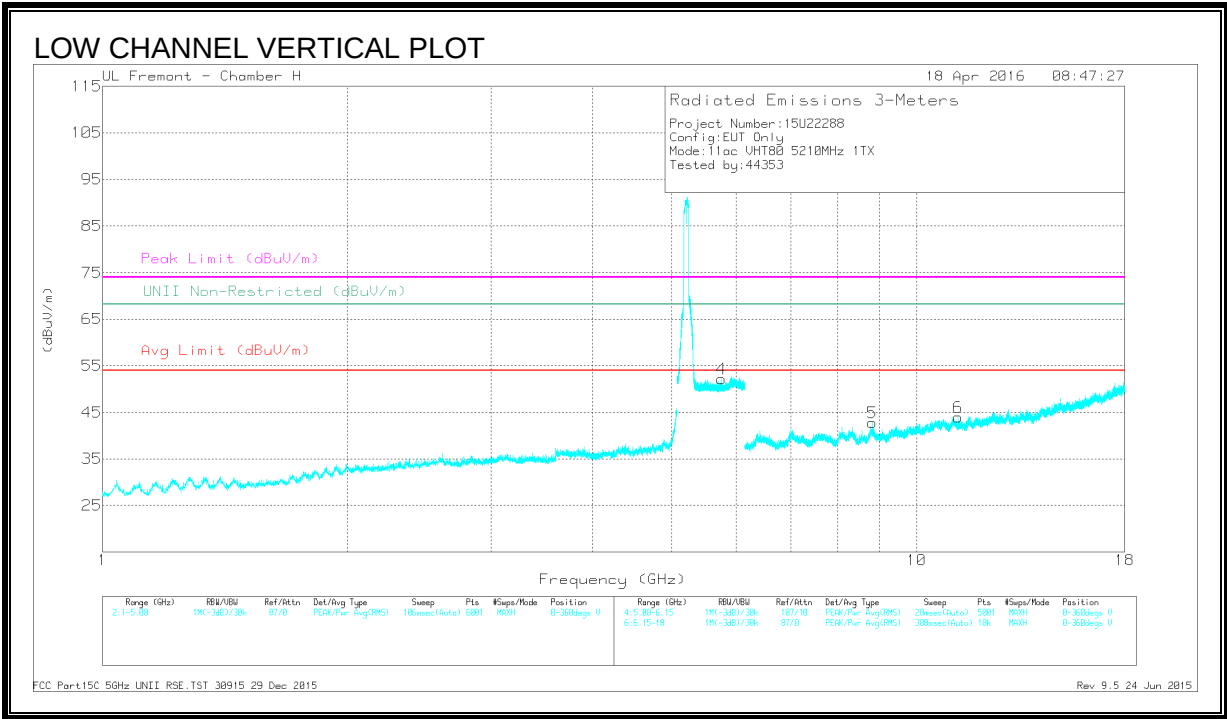
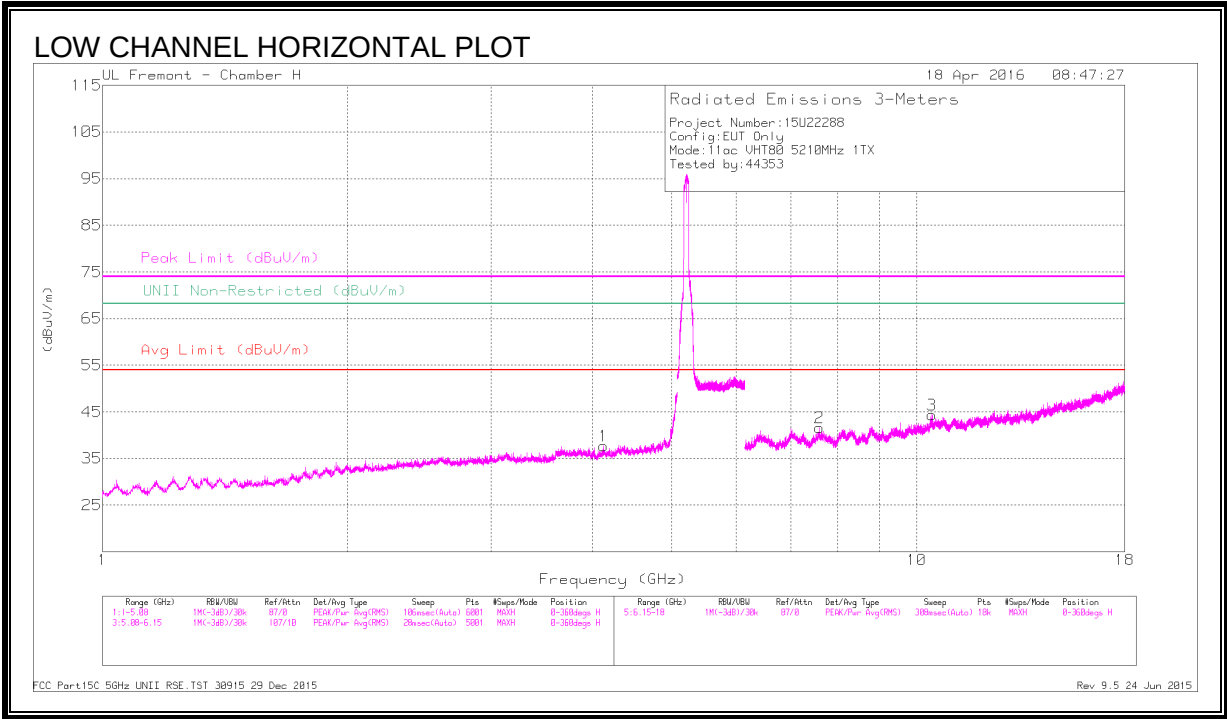


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	Amp/Cbl/Filtr/Par d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz.
2	* 5.13	45.33	Pk	34.1	-18.8	0	60.63	-	-	74	-13.37	58	110	V
4	* 5.146	35.59	RMS	34.1	-18.9	.15	50.94	54	-3.06	-	-	58	110	V
1	5.15	39.96	Pk	34.1	-19	0	55.06	-	-	74	-18.94	58	110	V
3	5.15	34.29	RMS	34.1	-19	.15	49.54	54	-4.46	-	-	58	110	V

* - indicates frequency in CFR47 Pt 15 / IC 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/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	* 4.121	38.35	PK-U	33.5	-27.8	0	44.05	-	-	74	-29.95	-	-	2	110	H
	* 4.123	27.02	ADR	33.5	-27.8	.15	32.87	54	-21.13	-	-	-	-	2	110	H
2	* 7.591	35.68	PK-U	36	-24.3	0	47.38	-	-	74	-26.62	-	-	149	178	H
	* 7.591	24.81	ADR	36	-24.3	.15	36.66	54	-17.34	-	-	-	-	149	178	H
6	* 11.236	34.31	PK-U	37.8	-22.1	0	50.01	-	-	74	-23.99	-	-	327	292	V
	* 11.237	23.24	ADR	37.8	-22	.15	39.19	54	-14.81	-	-	-	-	327	292	V
4	5.757	39.51	PK-U	34.8	-16.5	0	57.81	-	-	-	-	68.2	-10.39	263	130	V
5	8.818	35.47	PK-U	36.1	-23.5	0	48.07	-	-	-	-	68.2	-20.13	111	217	V
3	10.43	34.94	PK-U	37.3	-22.2	0	50.04	-	-	-	-	68.2	-18.16	88	235	H

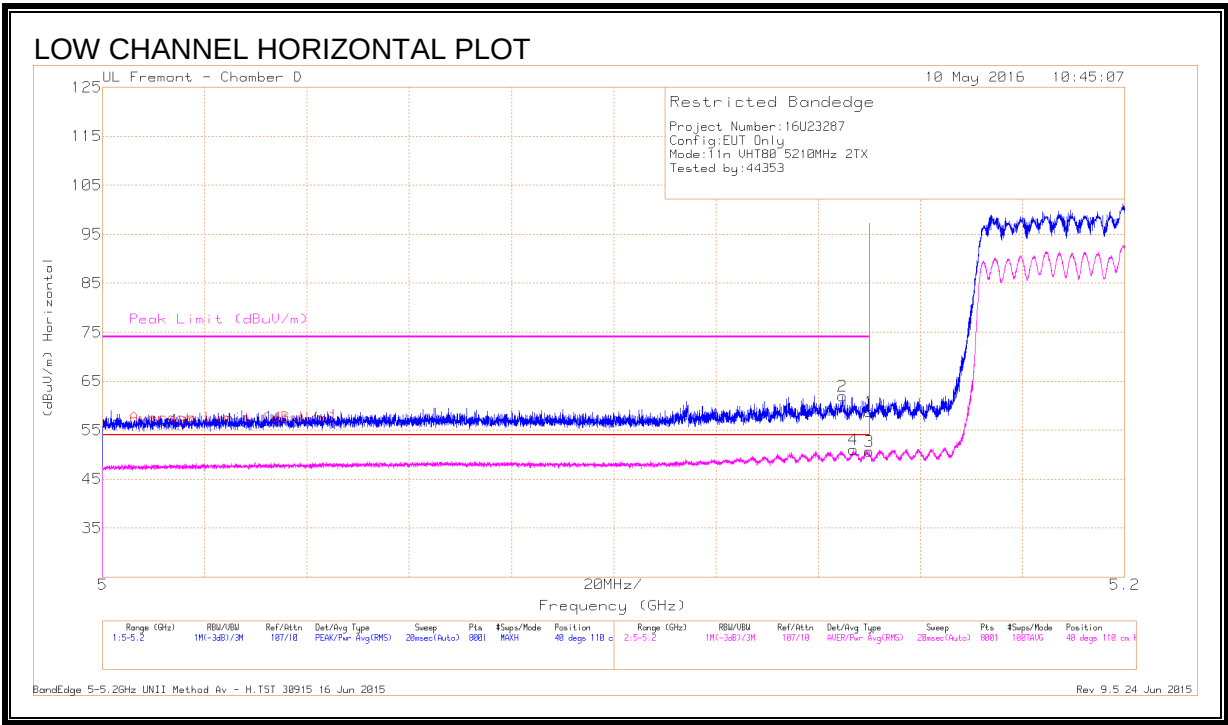
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.7. 802.11ac VHT80 2Tx CDD MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 42)



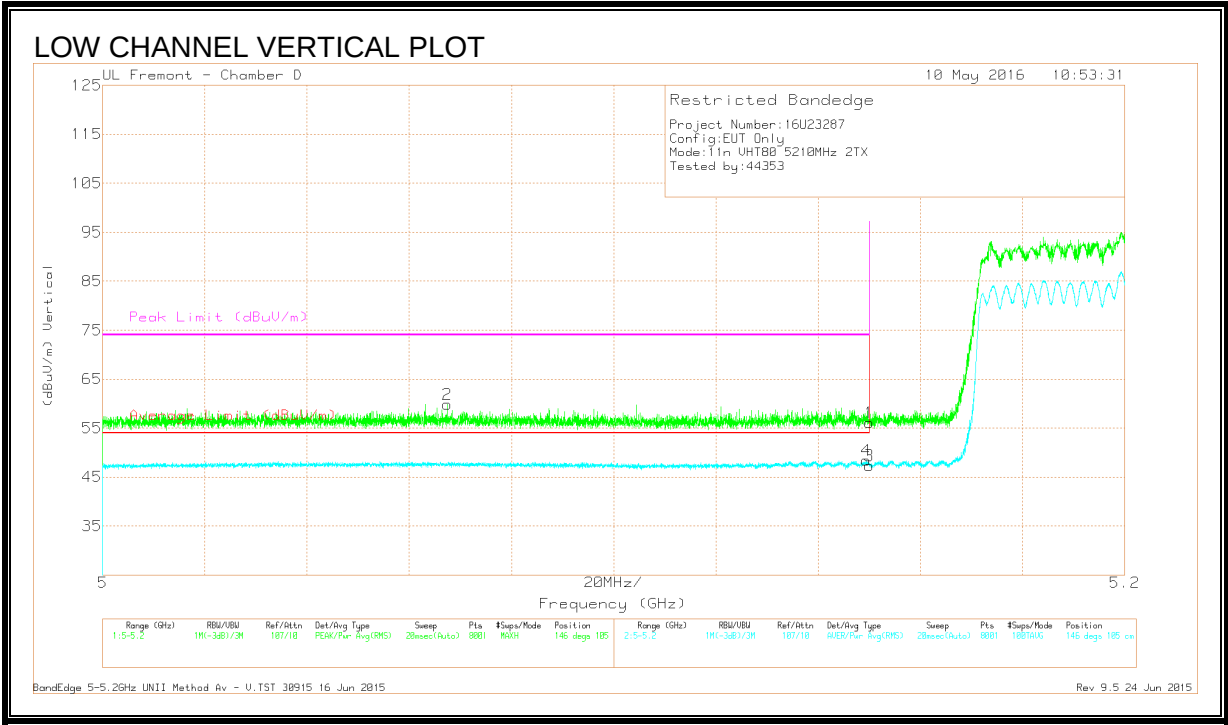
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Af T712 (dB/m)	Amp/Cb/Fit r/Pad (dB)	DC Corr (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	42.86	Pk	34.1	-18.2	0	58.76	-	-	74	-15.24	40	110	H
2	* 5.145	46.07	Pk	34.1	-18.2	0	61.97	-	-	74	-12.03	40	110	H
3	* 5.15	34.54	RMS	34.1	-18.2	.19	50.63	54	-3.37	-	-	40	110	H
4	* 5.147	35	RMS	34.1	-18.2	.19	51.09	54	-2.91	-	-	40	110	H

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

Pk - Peak detector

RMS - RMS detection



DATA

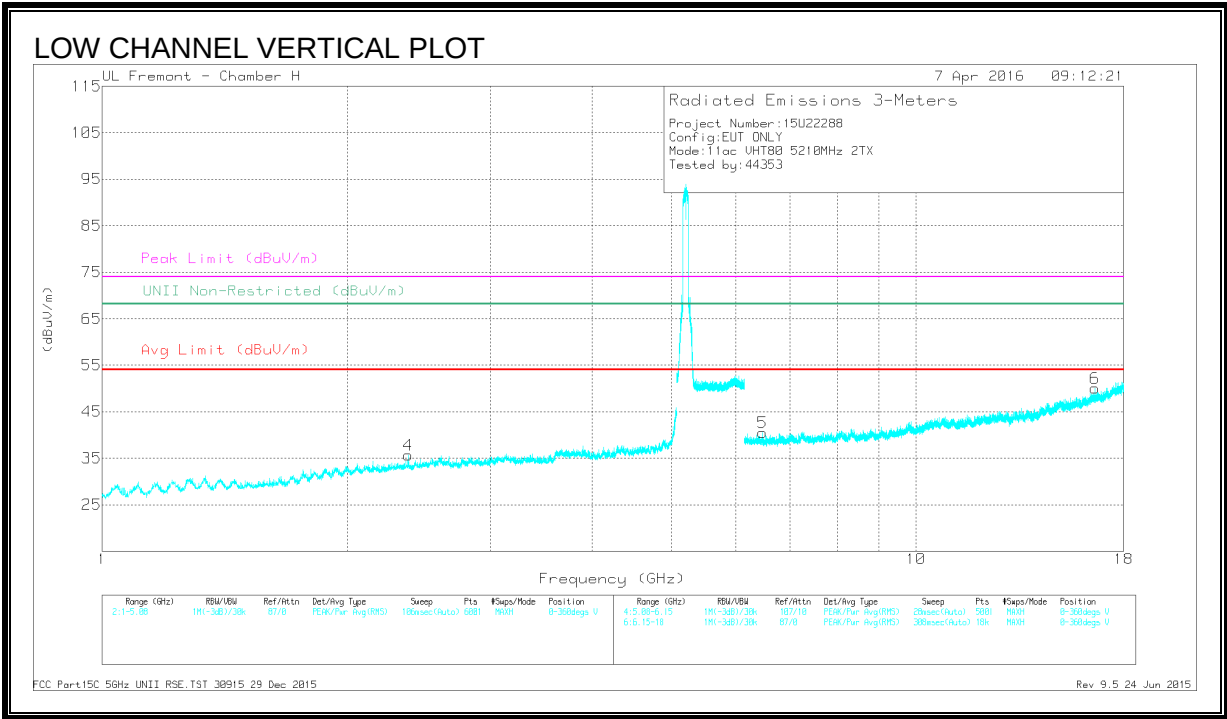
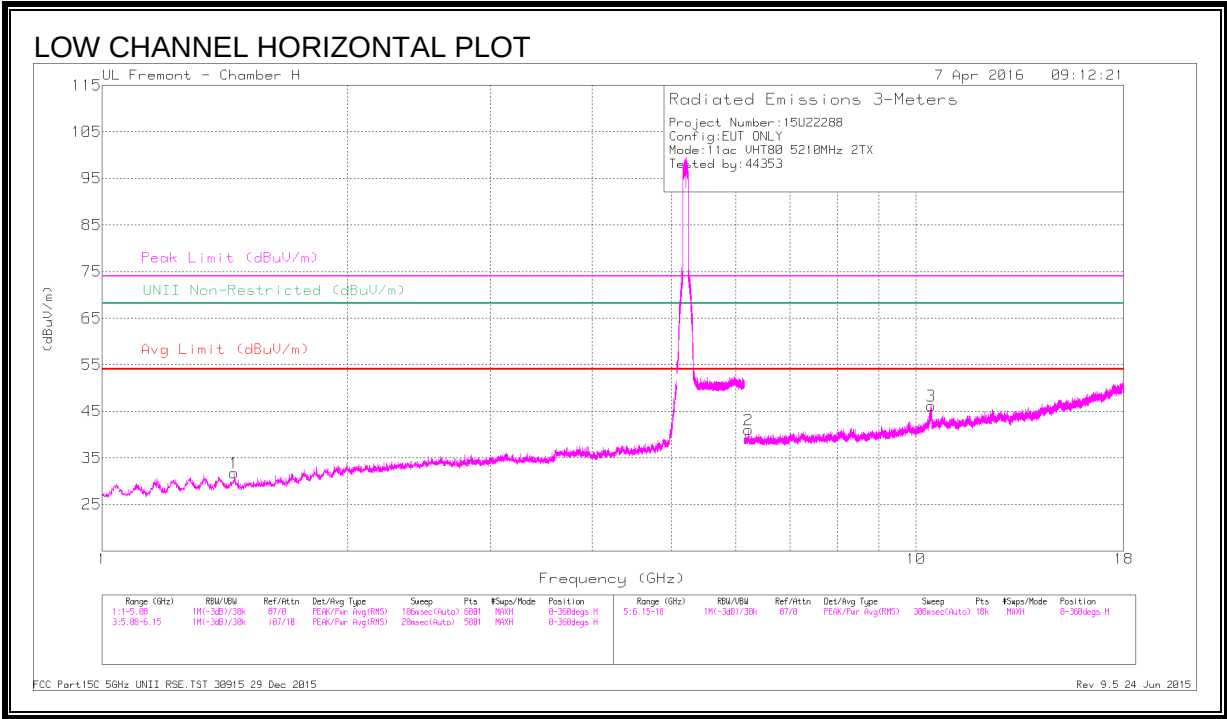
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Flt r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.22	Pk	34.1	-18.2	0	56.12	-	-	74	-17.88	146	105	V
2	* 5.067	43.86	Pk	34	-18	0	59.86	-	-	74	-14.14	146	105	V
3	* 5.15	31.28	RMS	34.1	-18.2	.19	47.37	54	-6.63	-	-	146	105	V
4	* 5.149	32.3	RMS	34.1	-18.2	.19	48.39	54	-5.61	-	-	146	105	V

* - indicates frequency in CFR15.205/IC7.2.2 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)	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	* 1.453	42.39	PK-U	28.3	-32.2	0	38.49	-	-	74	-35.51	-	-	2	244	H
	* 1.452	30.51	ADR	28.3	-32.3	.19	26.7	54	-27.3	-	-	-	-	2	244	H
4	* 2.377	40.9	PK-U	32	-31.2	0	41.7	-	-	74	-32.3	-	-	135	175	V
	* 2.378	29.25	ADR	32	-31.2	.19	30.24	54	-23.76	-	-	-	-	135	175	V
2	6.226	37.64	PK-U	35.5	-26.6	0	46.54	-	-	-	-	68.2	-21.66	30	290	H
5	6.474	37.55	PK-U	35.7	-26.4	0	46.85	-	-	-	-	68.2	-21.35	299	199	V
3	10.433	37.69	PK-U	37.3	-22.2	0	52.79	-	-	-	-	68.2	-15.41	75	236	H
6	16.598	34.11	PK-U	41.9	-19.1	0	56.91	-	-	-	-	68.2	-11.29	96	161	V

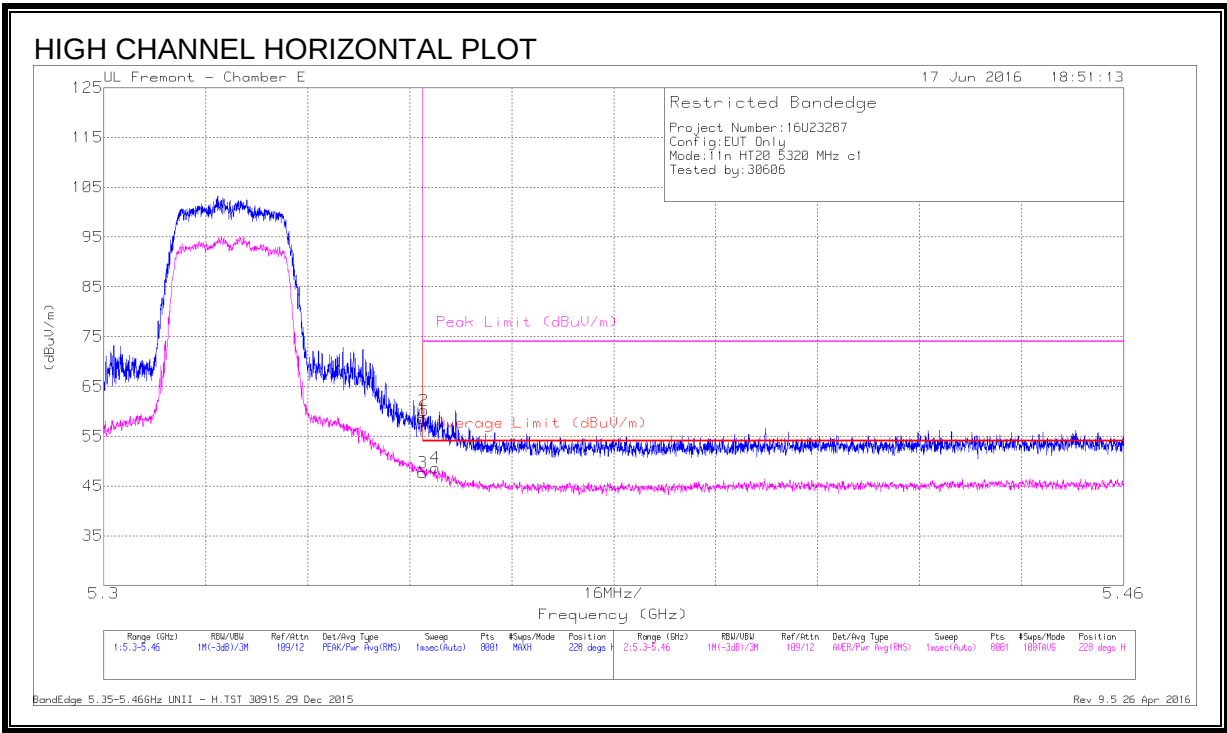
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.8. 802.11n HT20 1Tx MODE IN THE 5.3 GHz BAND

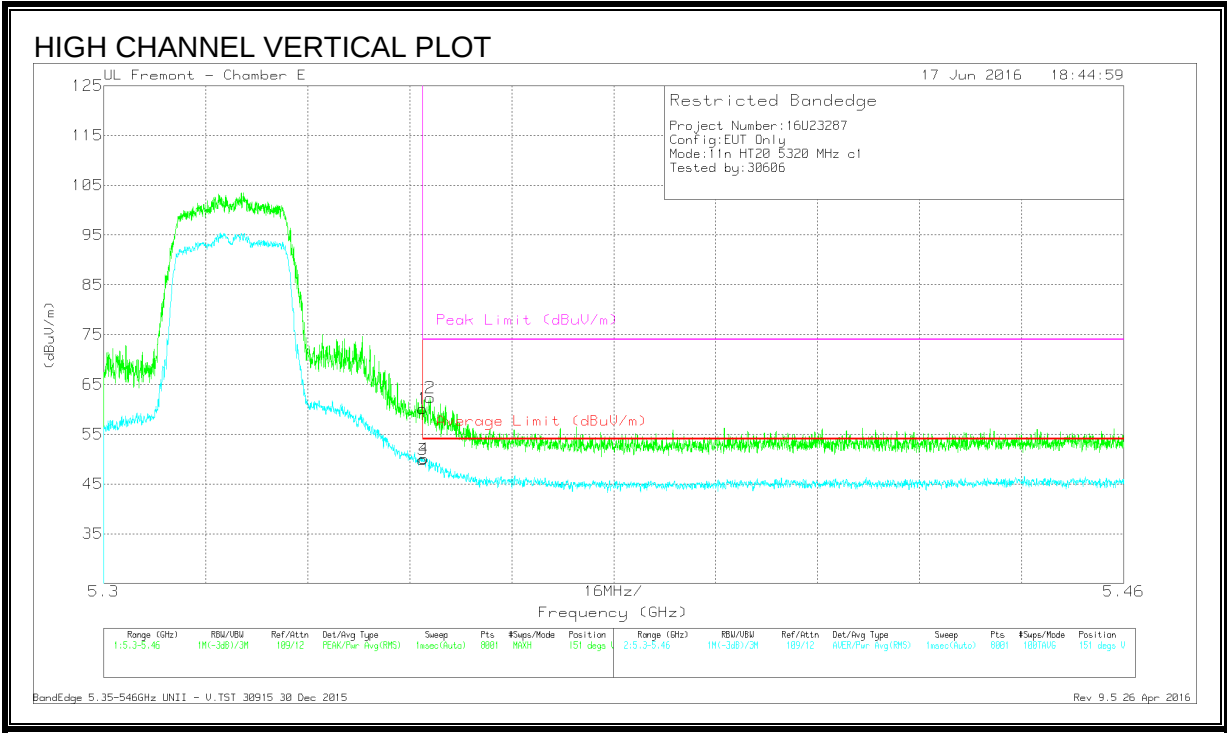
RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
1	* 5.35	43.69	Pk	34.4	-19.6	58.49	-	-	74	-15.51	228	187	H
2	* 5.35	45.38	Pk	34.4	-19.6	60.18	-	-	74	-13.82	228	187	H
3	* 5.35	32.88	RMS	34.4	-19.6	47.68	54	-6.32	-	-	228	187	H
4	* 5.352	33.86	RMS	34.4	-19.6	48.66	54	-5.34	-	-	228	187	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

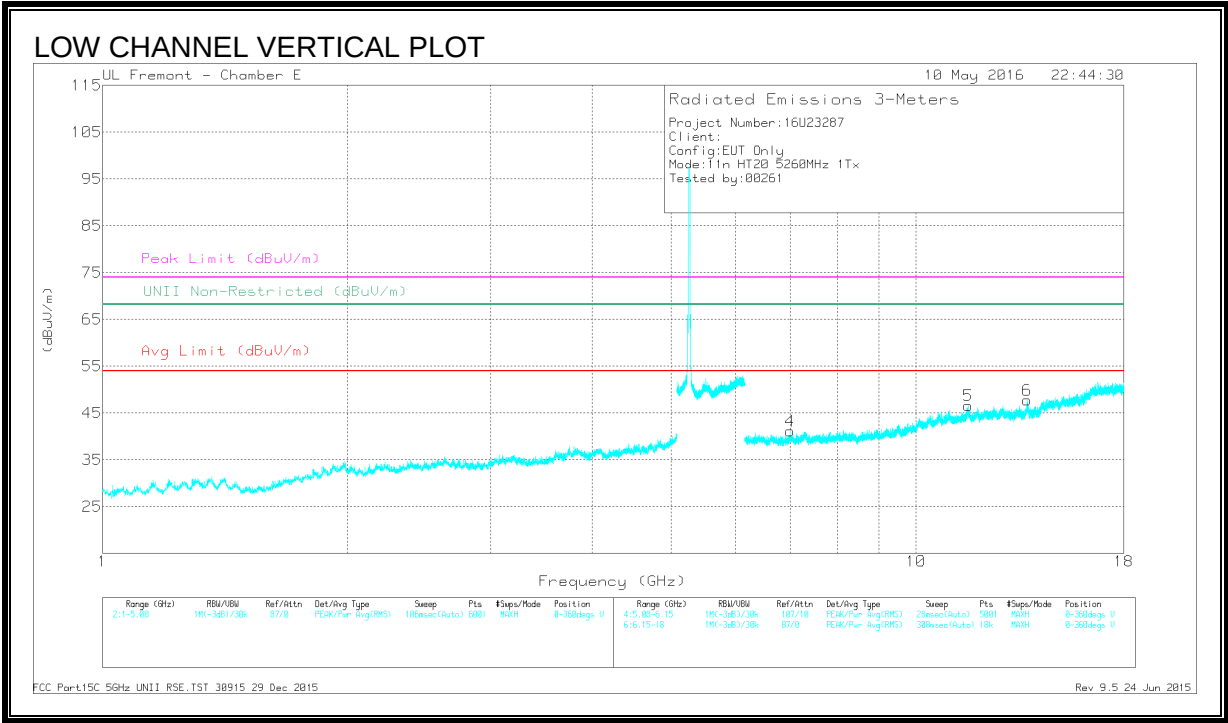
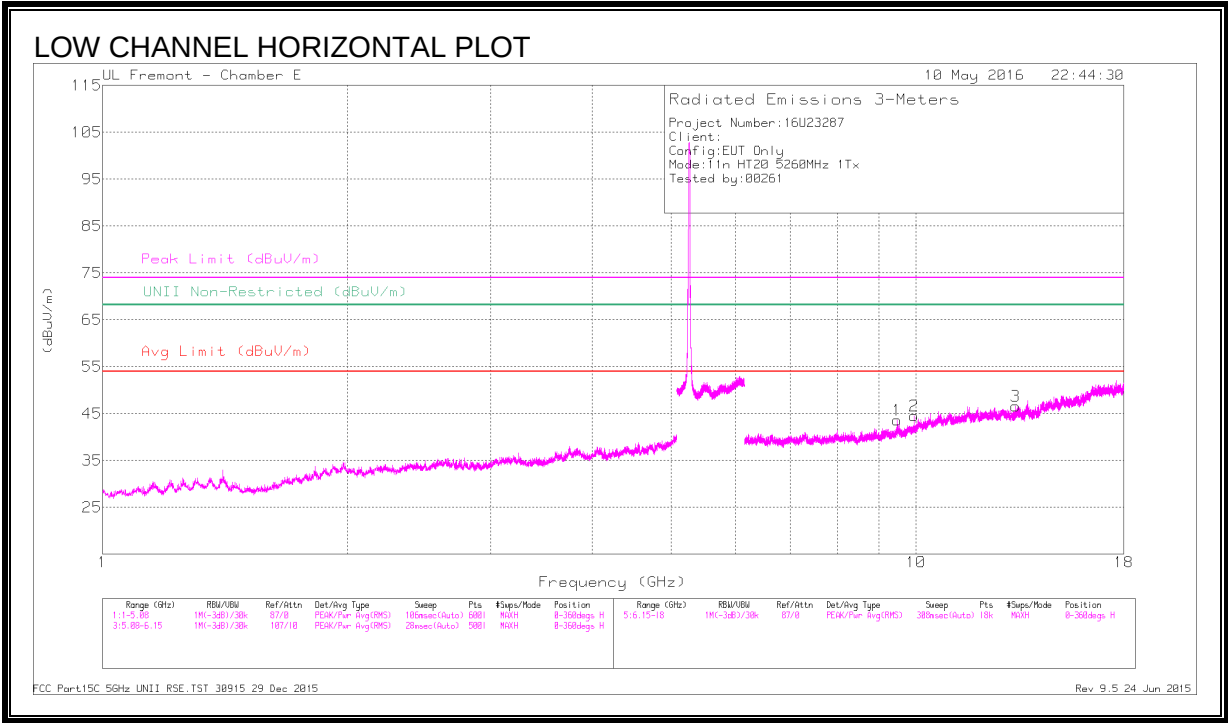
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.34	Pk	34.4	-19.6	60.14	-	-	74	-13.86	151	390	V
3	* 5.35	35.1	RMS	34.4	-19.6	49.9	54	-4.1	-	-	151	390	V
4	* 5.35	35.28	RMS	34.4	-19.6	50.08	54	-3.92	-	-	151	390	V
2	* 5.351	47.52	Pk	34.4	-19.6	62.32	-	-	74	-11.68	151	390	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Radiated Emissions

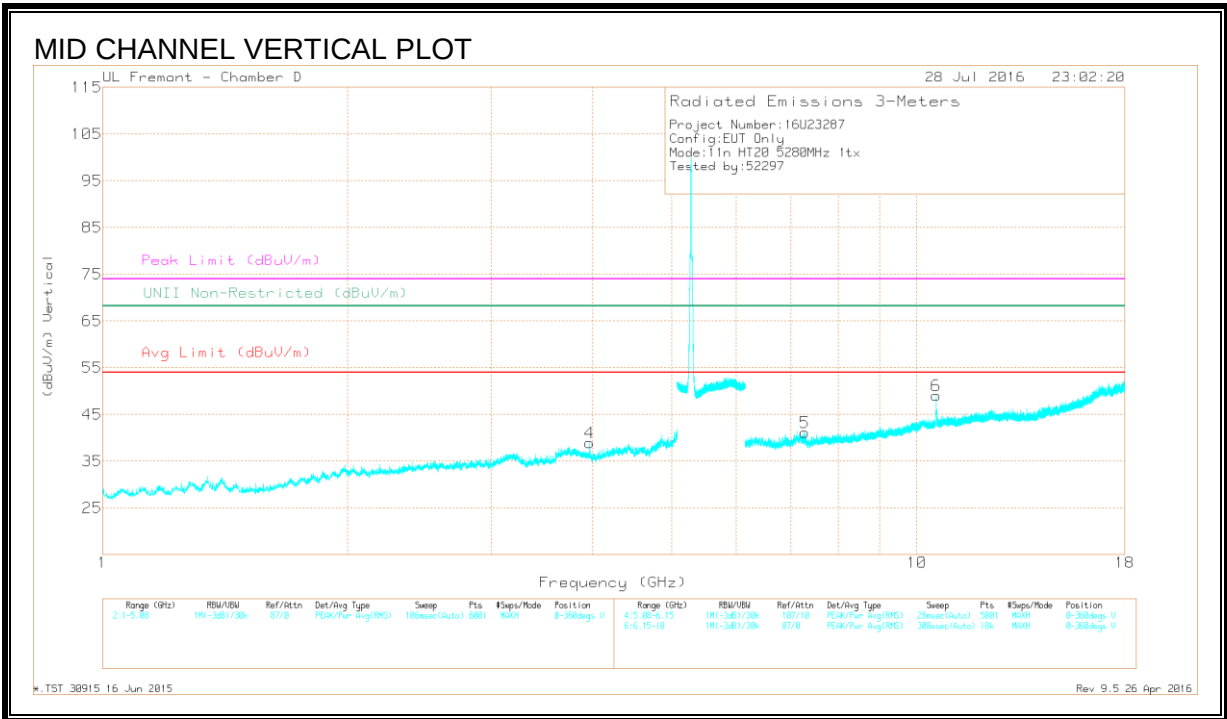
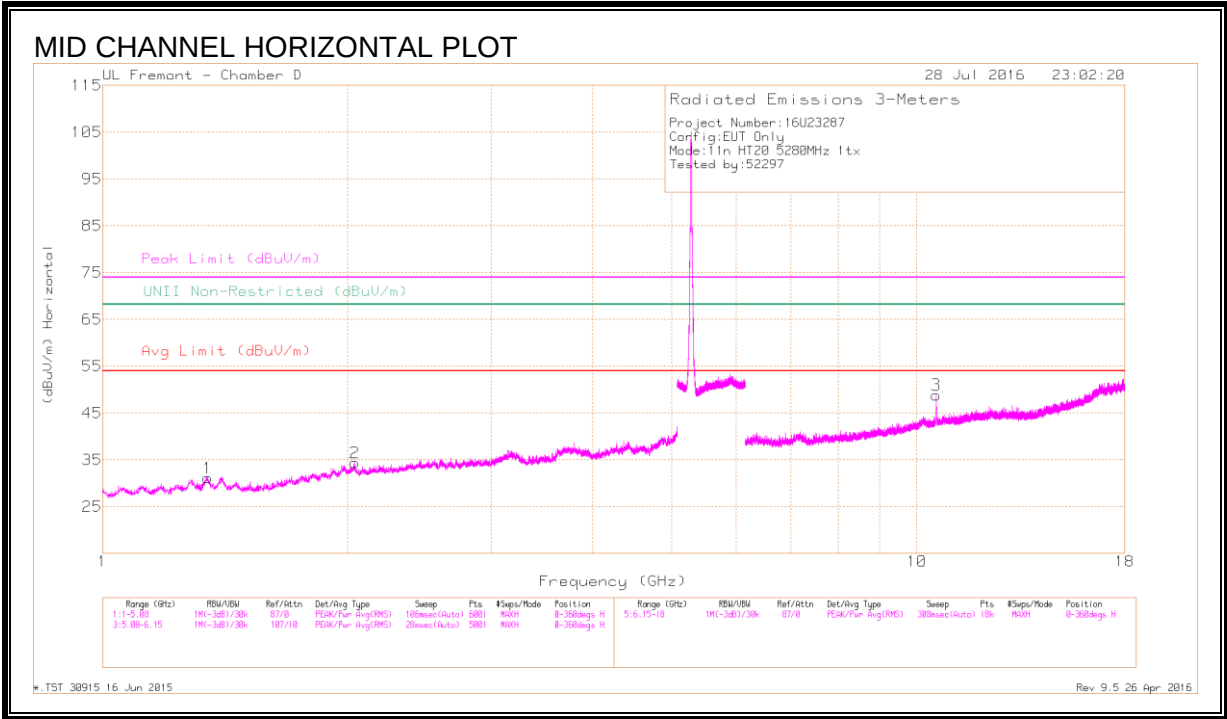
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 9.478	37.5	PK-U	36.4	-25	48.9	-	-	74	-25.1	-	-	239	279	H
	* 9.477	25.58	ADR	36.4	-25.1	36.88	54	-17.12	-	-	-	-	239	279	H
5	* 11.589	36.87	PK-U	38.4	-22.5	52.77	-	-	74	-21.23	-	-	342	369	V
	* 11.588	24.99	ADR	38.4	-22.5	40.89	54	-13.11	-	-	-	-	342	369	V
4	7.002	39.13	PK-U	35.6	-27.1	47.63	-	-	-	-	68.2	-20.57	285	226	V
2	9.94	36.54	PK-U	37.2	-25	48.74	-	-	-	-	68.2	-19.46	263	121	H
3	13.241	38.6	PK-U	39	-25.5	52.1	-	-	-	-	68.2	-16.1	234	117	H
6	13.685	38.68	PK-U	38.6	-23.1	54.18	-	-	-	-	68.2	-14.02	291	132	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 56 HARMONICS AND SPURIOUS EMISSIONS



DATA

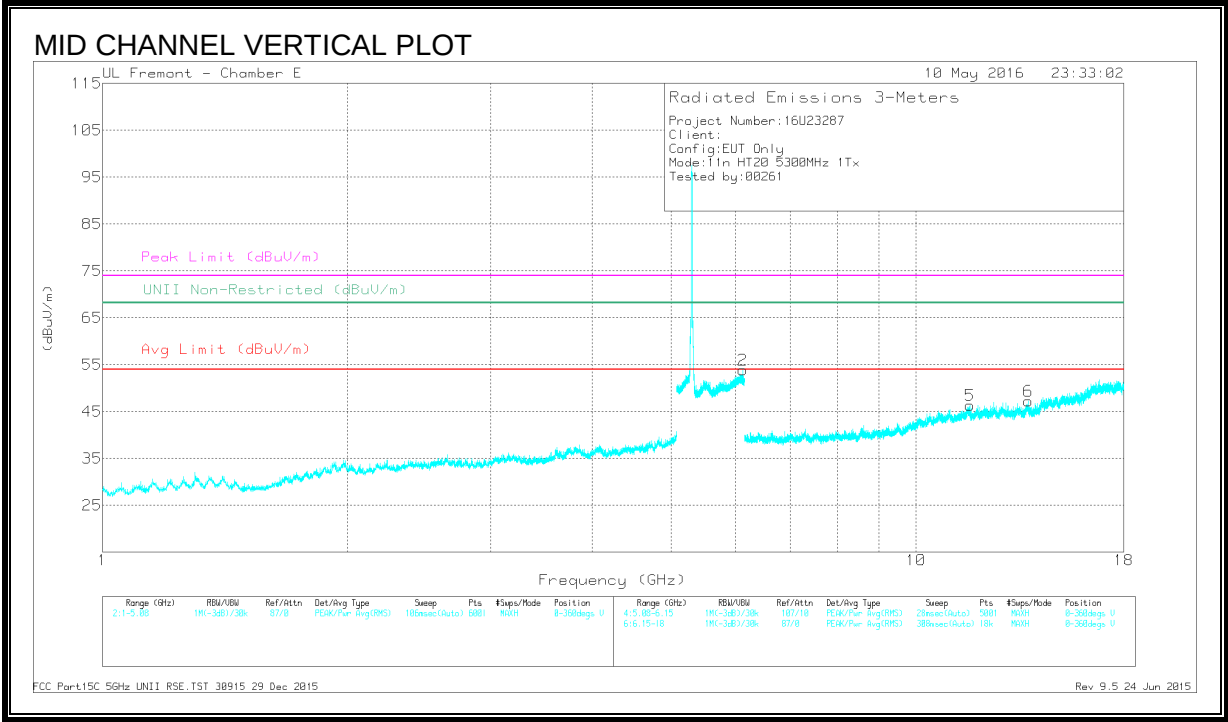
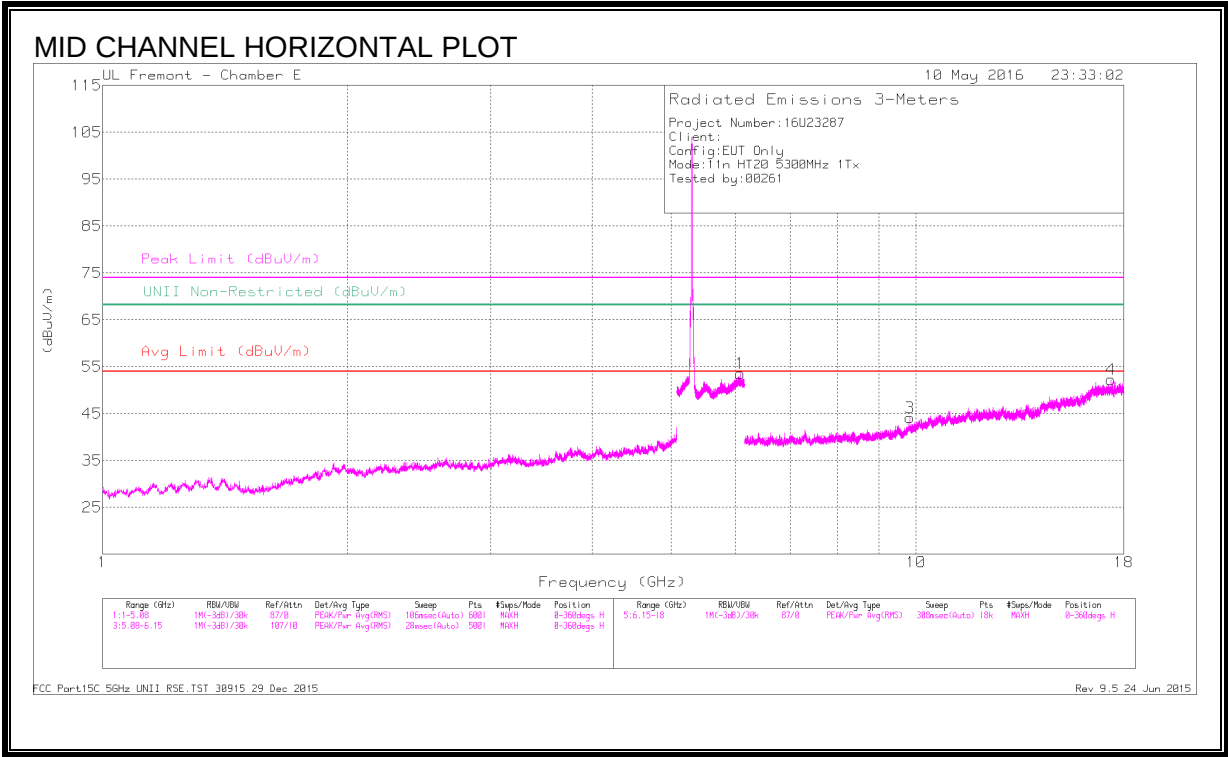
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.348	40.28	PK-U	28.9	-31.3	37.88	-	-	74	-36.12	-	-	179	105	H
	* 1.345	30.11	ADR	28.9	-31.3	27.71	54	-26.29	-	-	-	-	179	105	H
4	* 3.964	37.26	PK-U	33.4	-27.9	42.76	-	-	74	-31.24	-	-	88	178	V
	* 3.965	27.32	ADR	33.4	-27.9	32.82	54	-21.18	-	-	-	-	88	178	V
5	* 7.28	35.65	PK-U	35.7	-24.9	46.45	-	-	74	-27.55	-	-	45	263	V
	* 7.282	25.54	ADR	35.7	-25	36.24	54	-17.76	-	-	-	-	45	263	V
2	2.042	39.89	PK-U	31.4	-30.3	40.99	-	-	-	-	68.2	-27.21	123	143	H
6	10.556	36.21	PK-U	37.7	-21	52.91	-	-	-	-	68.2	-15.29	22	369	V
3	10.562	38.3	PK-U	37.7	-21	55	-	-	-	-	68.2	-13.2	313	227	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL 60 HARMONICS AND SPURIOUS EMISSIONS



DATA

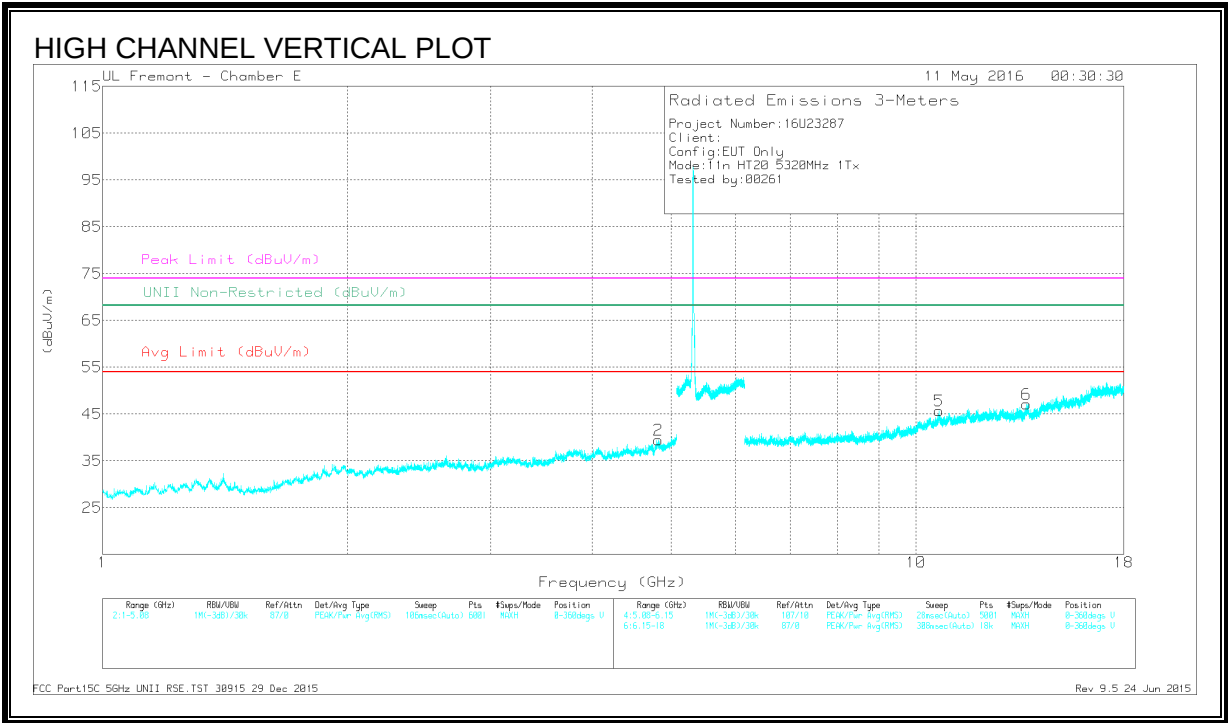
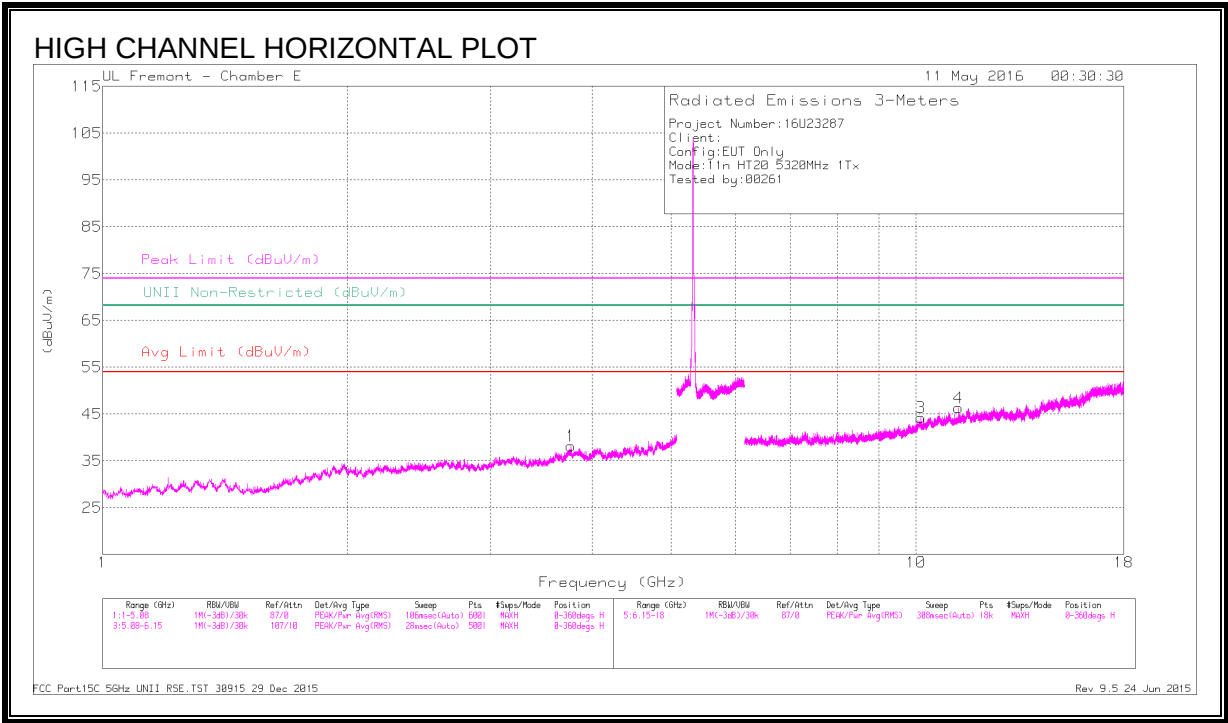
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
5	* 11.638	37.56	PK-U	38.5	-23.6	52.46	-	-	74	-21.54	-	-	342	256	V
	* 11.639	25.29	ADR	38.5	-23.6	40.19	54	-13.81	-	-	-	-	342	256	V
1	6.077	43.85	PK-U	35.3	-19.2	59.95	-	-	-	-	68.2	-8.25	332	182	H
2	6.12	44.2	PK-U	35.4	-19.1	60.5	-	-	-	-	68.2	-7.7	298	221	V
3	9.828	37.25	PK-U	36.9	-24.7	49.45	-	-	-	-	68.2	-18.75	252	127	H
6	13.726	38.31	PK-U	38.6	-23.5	53.41	-	-	-	-	68.2	-14.79	299	138	V
4	17.37	36.52	PK-U	41.4	-20.4	57.52	-	-	-	-	68.2	-10.68	216	181	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



DATA

Radiated Emissions

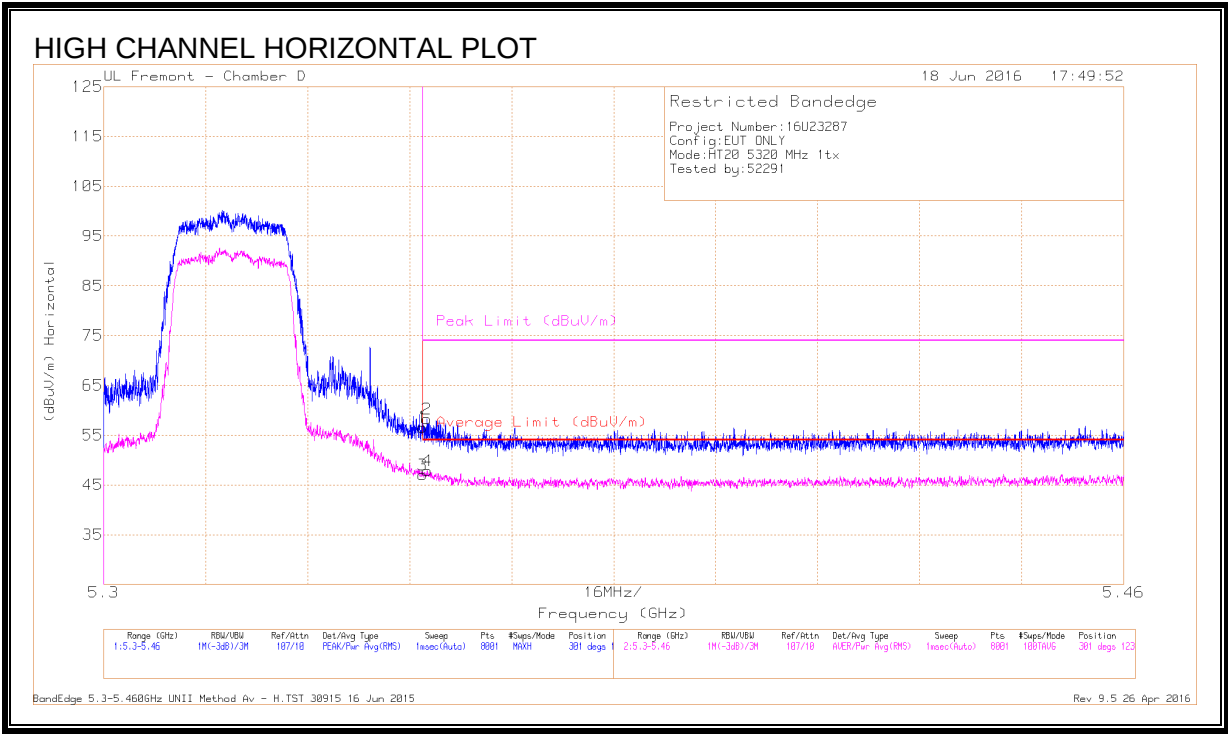
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.766	41.85	PK-U	33.1	-31.1	43.85	-	-	74	-30.15	-	-	151	306	H
	* 3.767	29.9	ADR	33.1	-31.1	31.9	54	-22.1	-	-	-	-	151	306	H
2	* 4.819	41.3	PK-U	34	-28.9	46.4	-	-	74	-27.6	-	-	179	177	V
	* 4.816	29.48	ADR	34	-28.9	34.58	54	-19.42	-	-	-	-	179	177	V
4	* 11.272	37.09	PK-U	38.2	-24	51.29	-	-	74	-22.71	-	-	201	177	H
	* 11.272	25.31	ADR	38.2	-24	39.51	54	-14.49	-	-	-	-	201	177	H
5	* 10.663	35.99	PK-U	37.9	-23.4	50.49	-	-	74	-23.51	-	-	183	108	V
	* 10.663	24.73	ADR	37.9	-23.3	39.33	54	-14.67	-	-	-	-	183	108	V
3	10.134	35.63	PK-U	37.4	-23.7	49.33	-	-	-	-	68.2	-18.87	135	224	H
6	13.678	38.22	PK-U	38.6	-23.3	53.52	-	-	-	-	68.2	-14.68	214	154	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

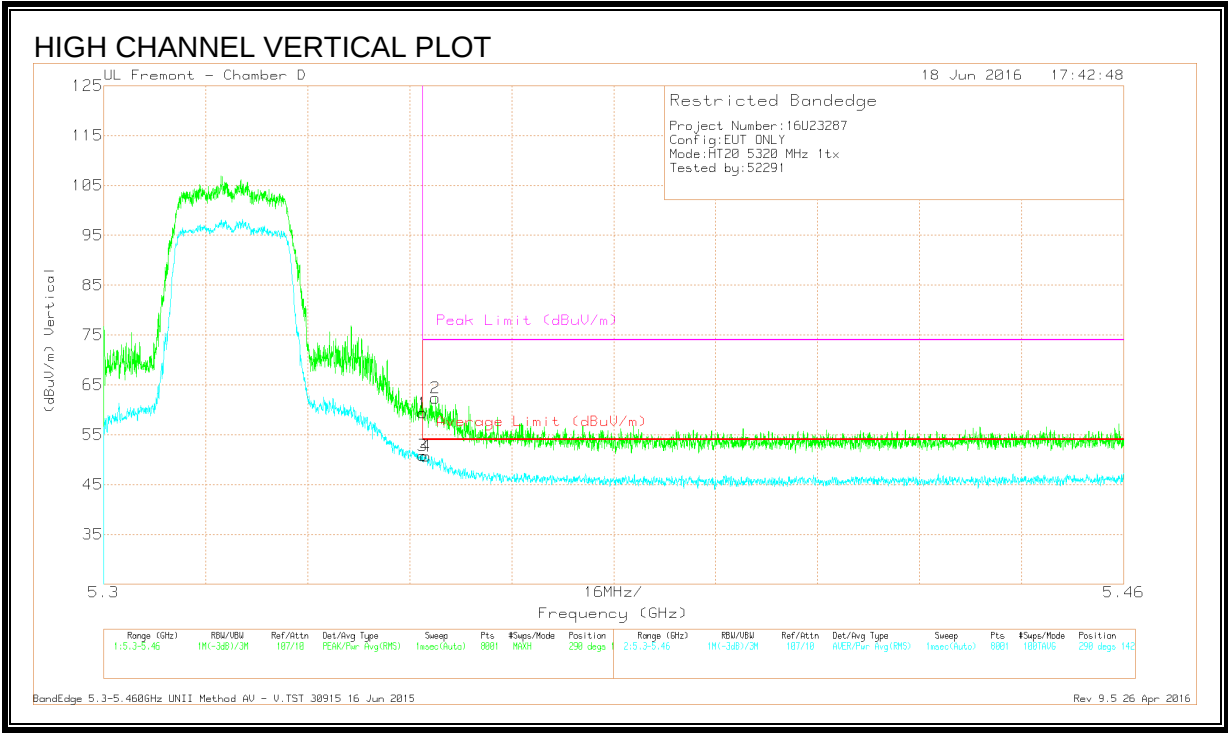
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 5.35	40.49	Pk	34.3	-18.2	56.59	-	-	74	-17.41	301	123	H
3	* 5.35	30.92	RMS	34.3	-18.2	47.02	54	-6.98	-	-	301	123	H
2	* 5.351	42.17	Pk	34.3	-18.2	58.27	-	-	74	-15.73	301	123	H
4	* 5.351	31.76	RMS	34.3	-18.2	47.86	54	-6.14	-	-	301	123	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

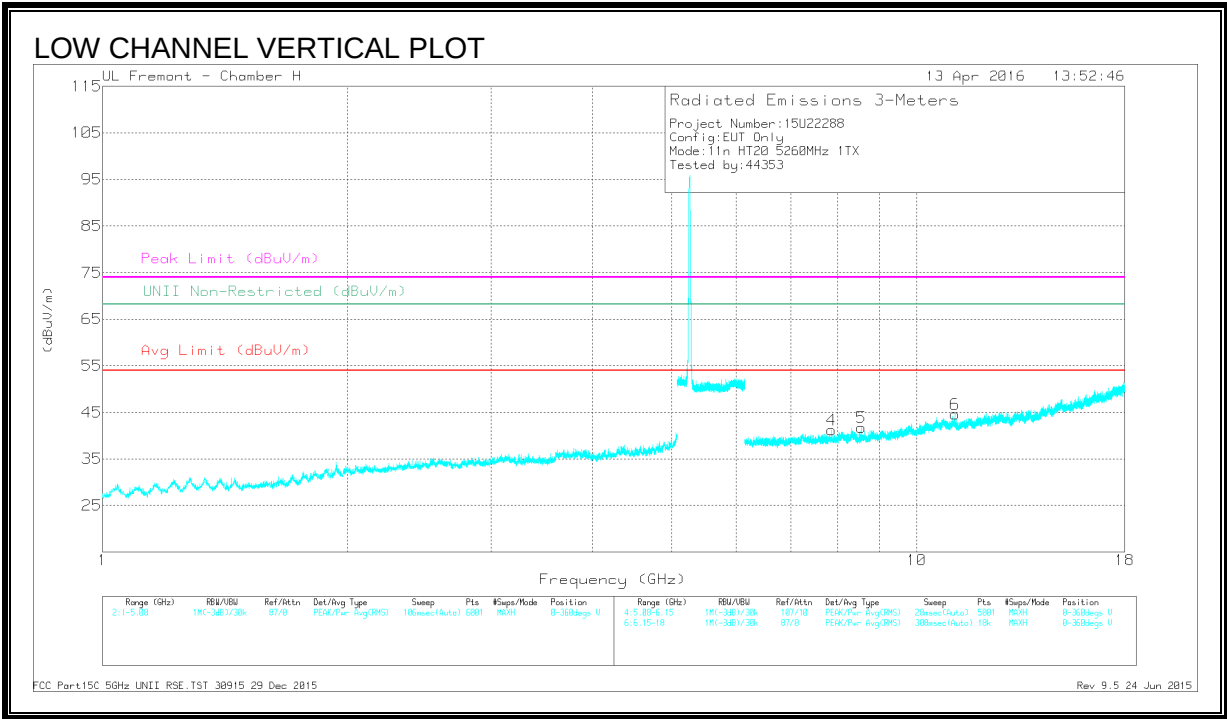
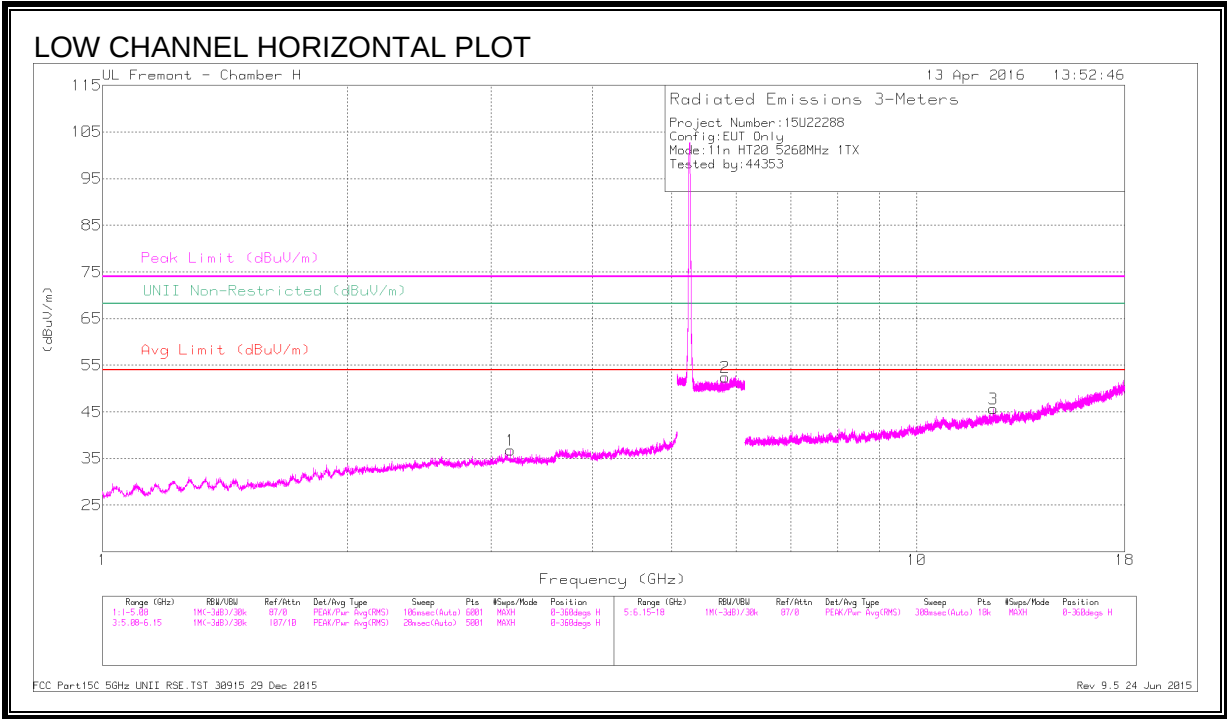
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.26	Pk	34.3	-18.2	59.36	-	-	74	-14.64	290	142	V
3	* 5.35	34.73	RMS	34.3	-18.2	50.83	54	-3.17	-	-	290	142	V
4	* 5.351	34.61	RMS	34.3	-18.2	50.71	54	-3.29	-	-	290	142	V
2	* 5.352	46.28	Pk	34.3	-18.2	62.38	-	-	74	-11.62	290	142	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

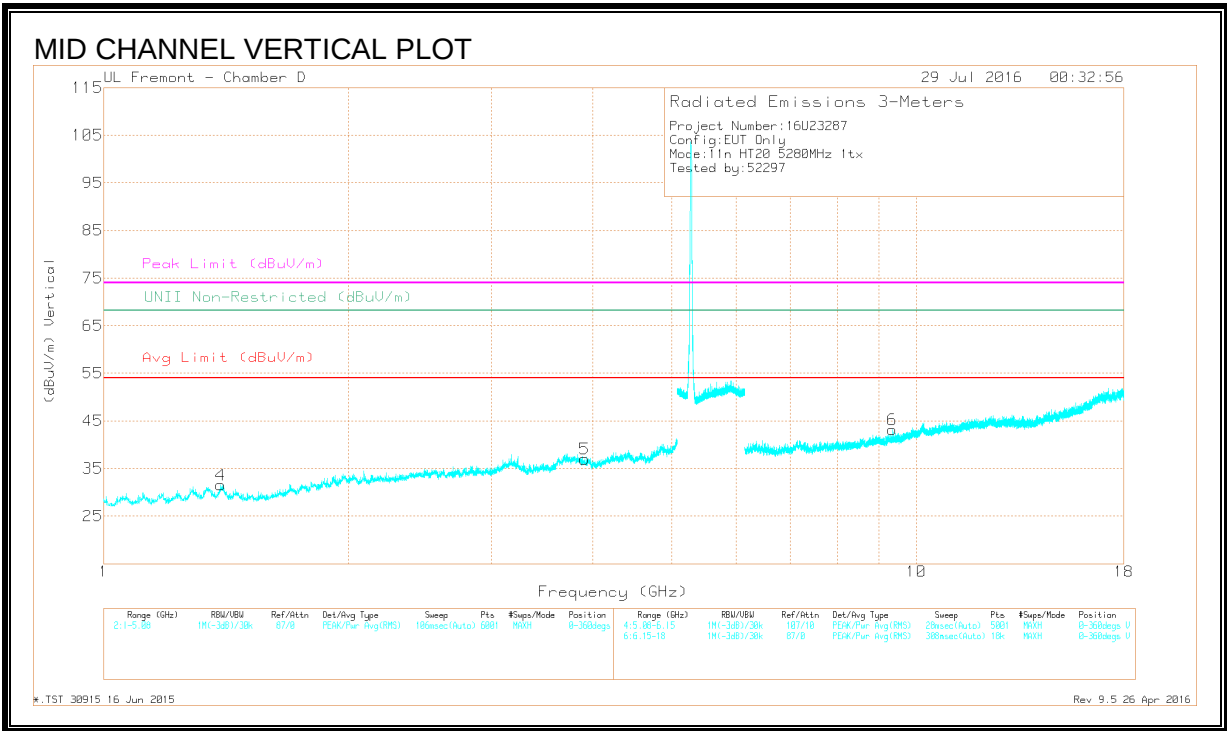
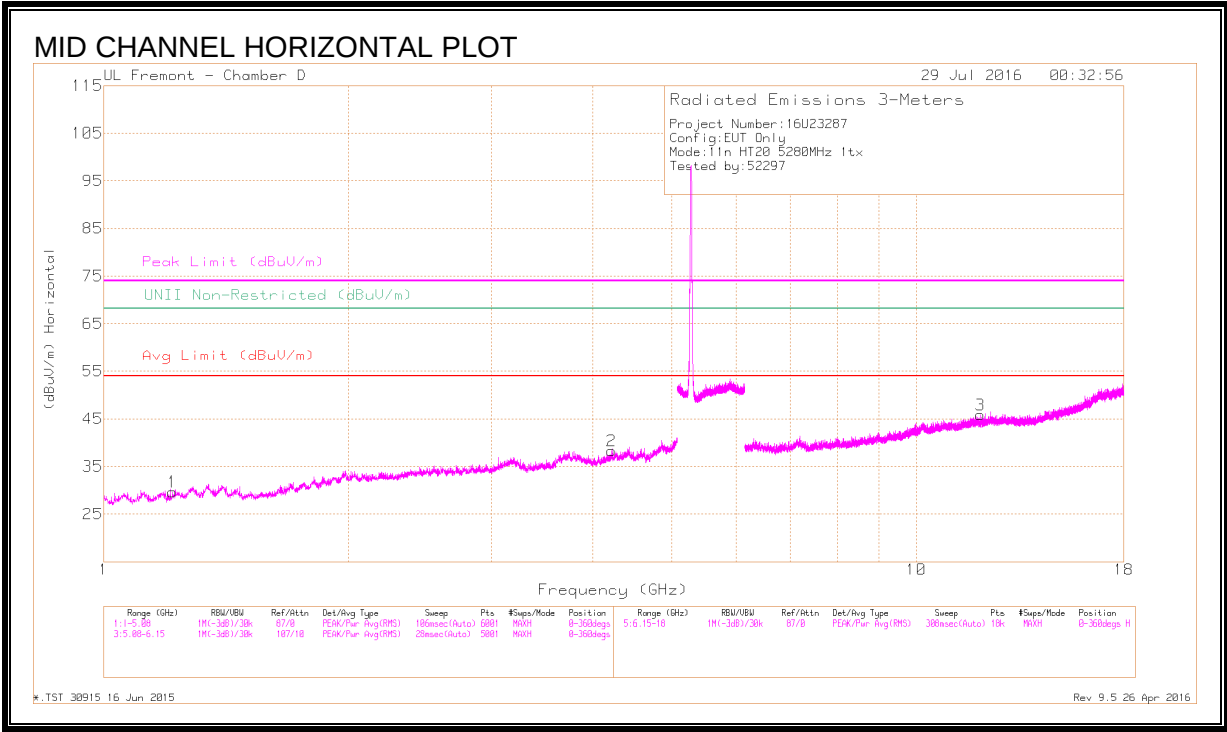
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 12.404	34.22	PK-U	39.1	-22	51.32	-	-	74	-22.68	-	-	246	202	H
	* 12.404	23.35	ADR	39.1	-22	40.45	54	-13.55	-	-	-	-	246	202	H
6	* 11.142	34.16	PK-U	37.8	-21.5	50.46	-	-	74	-23.54	-	-	301	177	V
	* 11.143	22.85	ADR	37.8	-21.5	39.15	54	-14.85	-	-	-	-	301	177	V
1	3.172	39.79	PK-U	32.9	-29.4	43.29	-	-	-	-	68.2	-24.91	320	130	H
2	5.819	39.54	PK-U	34.9	-16.5	57.94	-	-	-	-	68.2	-10.26	186	190	H
4	7.854	34.45	PK-U	35.9	-24.1	46.25	-	-	-	-	68.2	-21.95	280	337	V
5	8.554	35.07	PK-U	35.9	-23.7	47.27	-	-	-	-	68.2	-20.93	206	294	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 56 HARMONICS AND SPURIOUS EMISSIONS



DATA

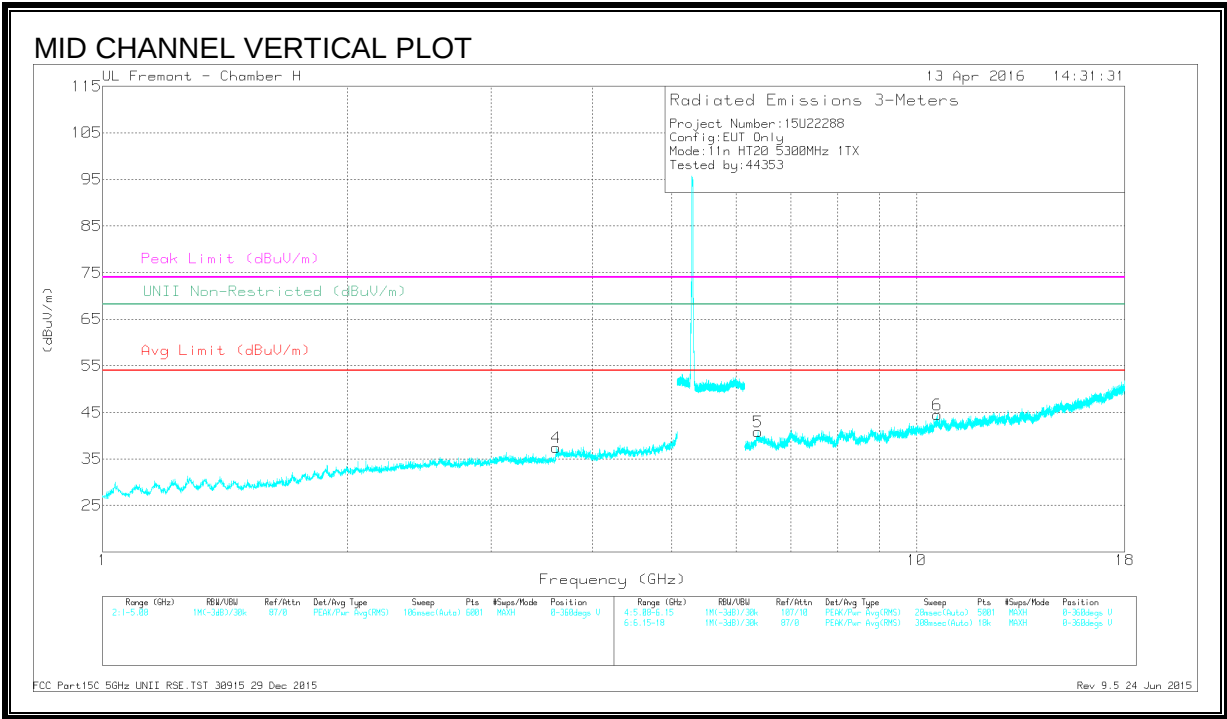
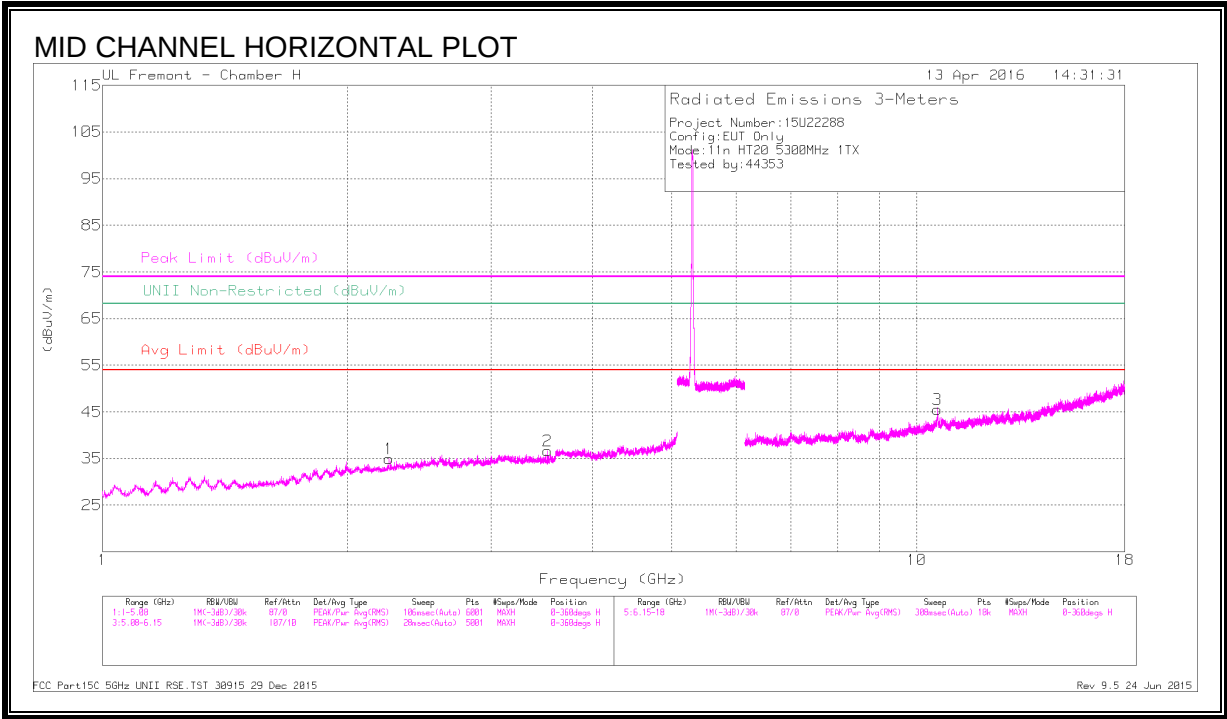
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb1/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.214	40.02	PK-U	28.3	-32.2	36.12	-	-	74	-37.88	-	-	256	131	H
	* 1.217	29.63	ADR	28.3	-32.2	25.73	54	-28.27	-	-	-	-	256	131	H
2	* 4.219	37.42	PK-U	33.5	-27.5	43.42	-	-	74	-30.58	-	-	283	232	H
	* 4.217	27.16	ADR	33.5	-27.6	33.06	54	-20.94	-	-	-	-	283	232	H
4	* 1.394	40.9	PK-U	29	-31.2	38.7	-	-	74	-35.3	-	-	210	163	V
	* 1.392	29.63	ADR	29	-31.3	27.33	54	-26.67	-	-	-	-	210	163	V
5	* 3.905	38.61	PK-U	33.5	-28.7	43.41	-	-	74	-30.59	-	-	349	282	V
	* 3.908	28.2	ADR	33.5	-28.6	33.1	54	-20.9	-	-	-	-	349	282	V
3	* 11.988	34.06	PK-U	38.9	-21.4	51.56	-	-	74	-22.44	-	-	126	198	H
	* 11.986	23.69	ADR	38.9	-21.4	41.19	54	-12.81	-	-	-	-	126	198	H
6	* 9.34	33.99	PK-U	36.4	-22	48.39	-	-	74	-25.61	-	-	142	176	V
	* 9.34	23.94	ADR	36.4	-22	38.34	54	-15.66	-	-	-	-	142	176	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL 60 HARMONICS AND SPURIOUS EMISSIONS



DATA

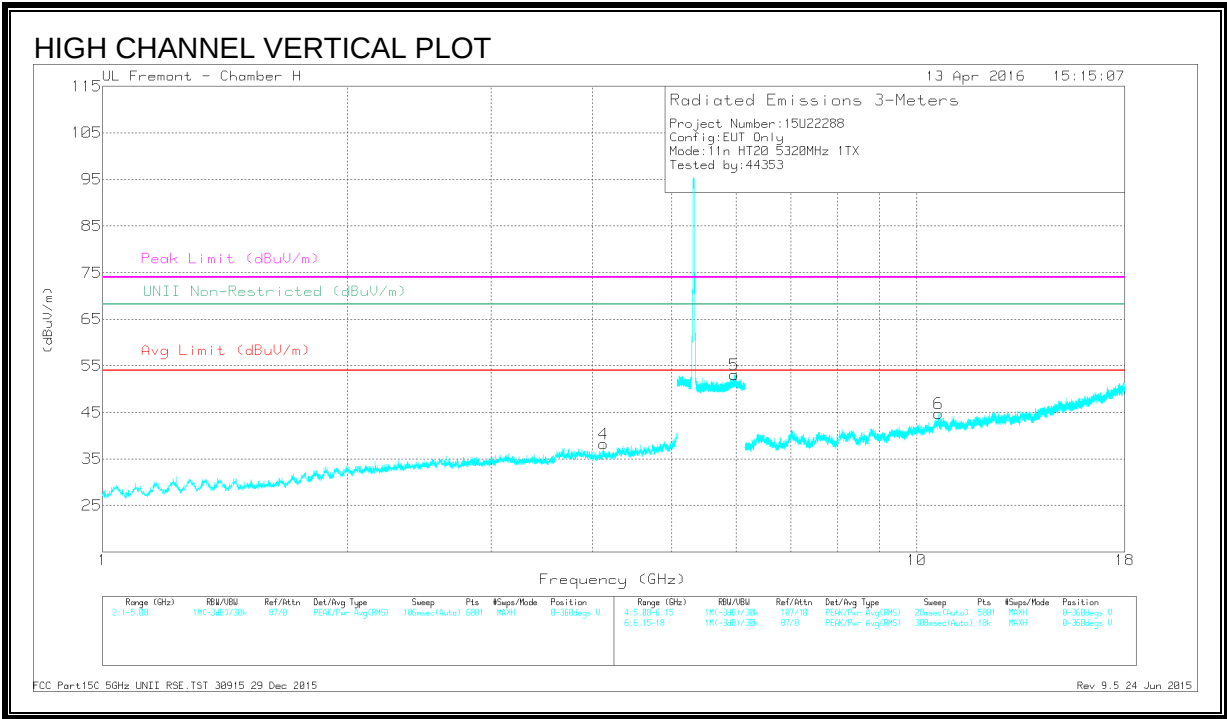
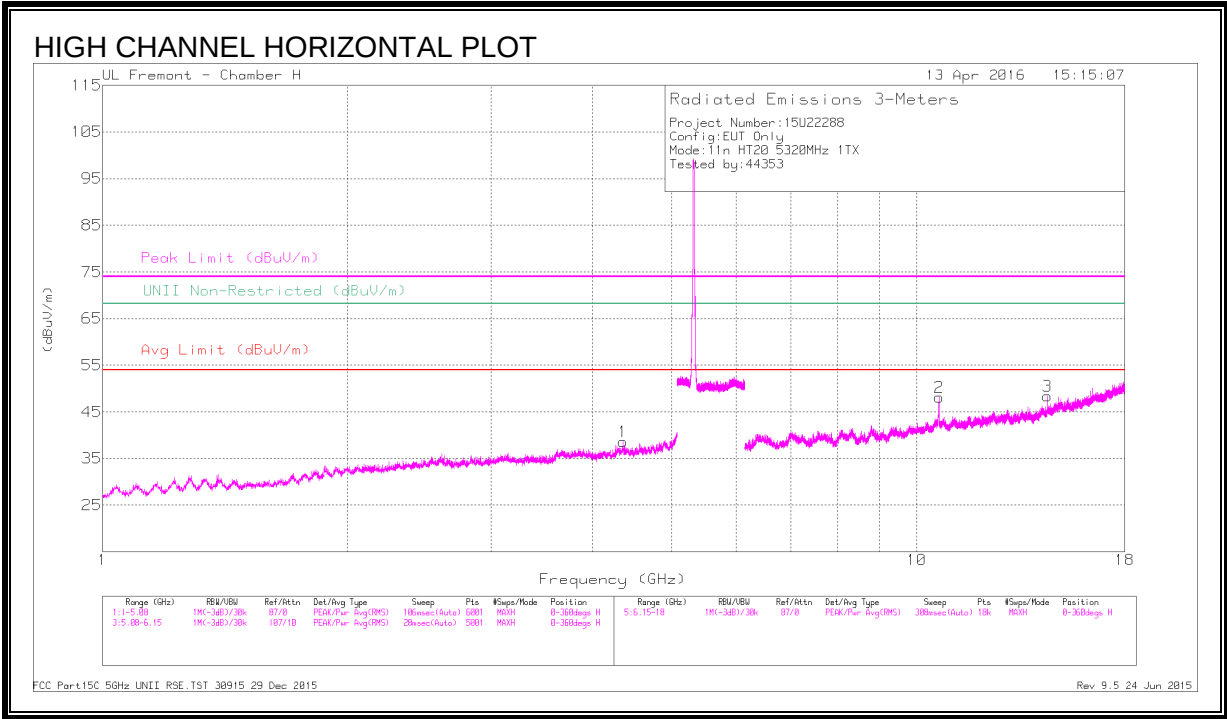
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.249	41.08	PK-U	31.6	-31.6	41.08	-	-	74	-32.92	-	-	54	202	H
	* 2.25	29.43	ADR	31.6	-31.6	29.43	54	-24.57	-	-	-	-	54	202	H
2	* 3.518	38.53	PK-U	32.9	-29.4	42.03	-	-	74	-31.97	-	-	288	190	H
	* 3.521	27.35	ADR	32.9	-29.4	30.85	54	-23.15	-	-	-	-	288	190	H
4	* 3.609	38.85	PK-U	33	-28.7	43.15	-	-	74	-30.85	-	-	278	262	V
	* 3.61	27.76	ADR	33	-28.7	32.06	54	-21.94	-	-	-	-	278	262	V
6	* 10.605	36.53	PK-U	37.7	-21.6	52.63	-	-	74	-21.37	-	-	58	100	V
	* 10.604	23.81	ADR	37.7	-21.6	39.91	54	-14.09	-	-	-	-	58	100	V
5	6.378	38.08	PK-U	35.6	-26.3	47.38	-	-	-	-	68.2	-20.82	92	200	V
3	10.595	40.52	PK-U	37.6	-21.5	56.62	-	-	-	-	68.2	-11.58	132	196	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/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	* 4.36	38.95	PK-U	33.6	-27.1	45.45	-	-	74	-28.55	-	-	239	202	H
	* 4.359	27.11	ADR	33.6	-27.2	33.51	54	-20.49	-	-	-	-	239	202	H
4	* 4.126	37.95	PK-U	33.5	-27.7	43.75	-	-	74	-30.25	-	-	136	175	V
	* 4.126	27.07	ADR	33.5	-27.7	32.87	54	-21.13	-	-	-	-	136	175	V
2	* 10.634	42.66	PK-U	37.7	-21.9	58.46	-	-	74	-15.54	-	-	93	196	H
	* 10.641	28.47	ADR	37.7	-22	44.17	54	-9.83	-	-	-	-	93	196	H
3	* 14.471	34.76	PK-U	39.9	-20.7	53.96	-	-	74	-20.04	-	-	305	189	H
	* 14.471	22.4	ADR	39.9	-20.7	41.6	54	-12.4	-	-	-	-	305	189	H
6	* 10.64	38.39	PK-U	37.7	-21.9	54.19	-	-	74	-19.81	-	-	61	100	V
	* 10.641	25.71	ADR	37.7	-22	41.41	54	-12.59	-	-	-	-	61	100	V
5	5.968	40.16	PK-U	35.2	-16.2	59.16	-	-	-	-	68.2	-9.04	294	227	V

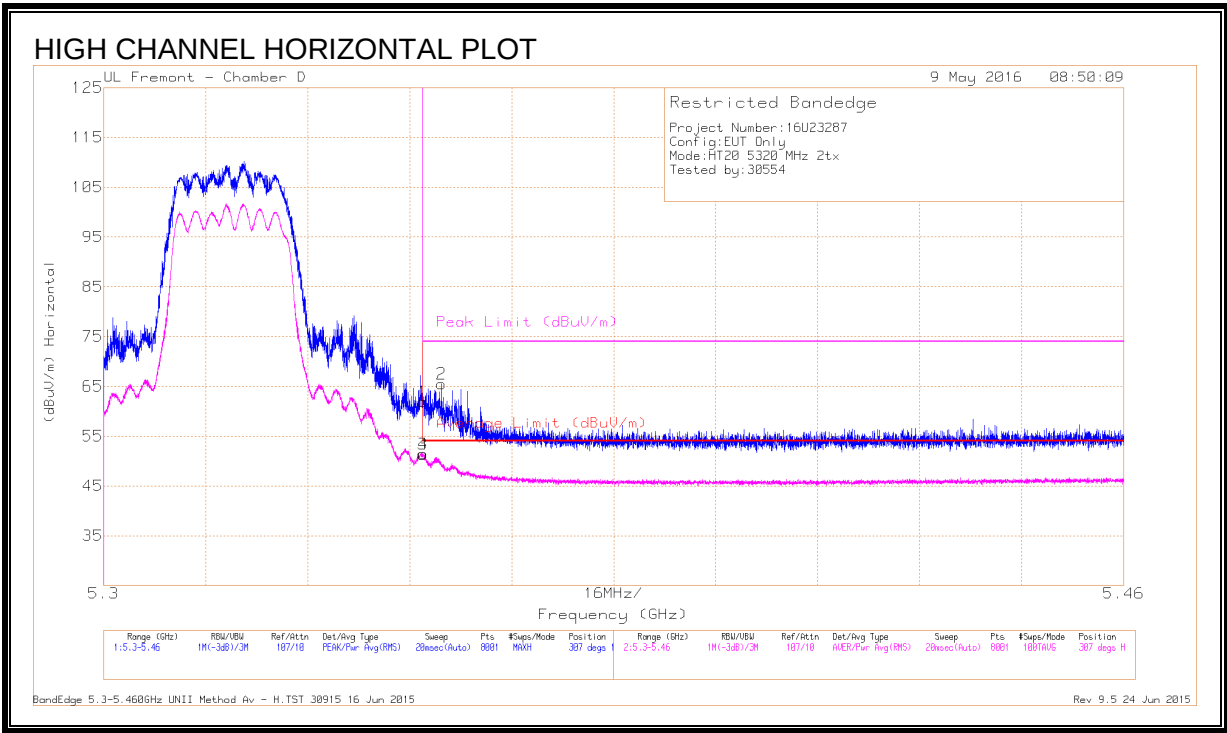
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.9. 802.11n HT20 2Tx CDD MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



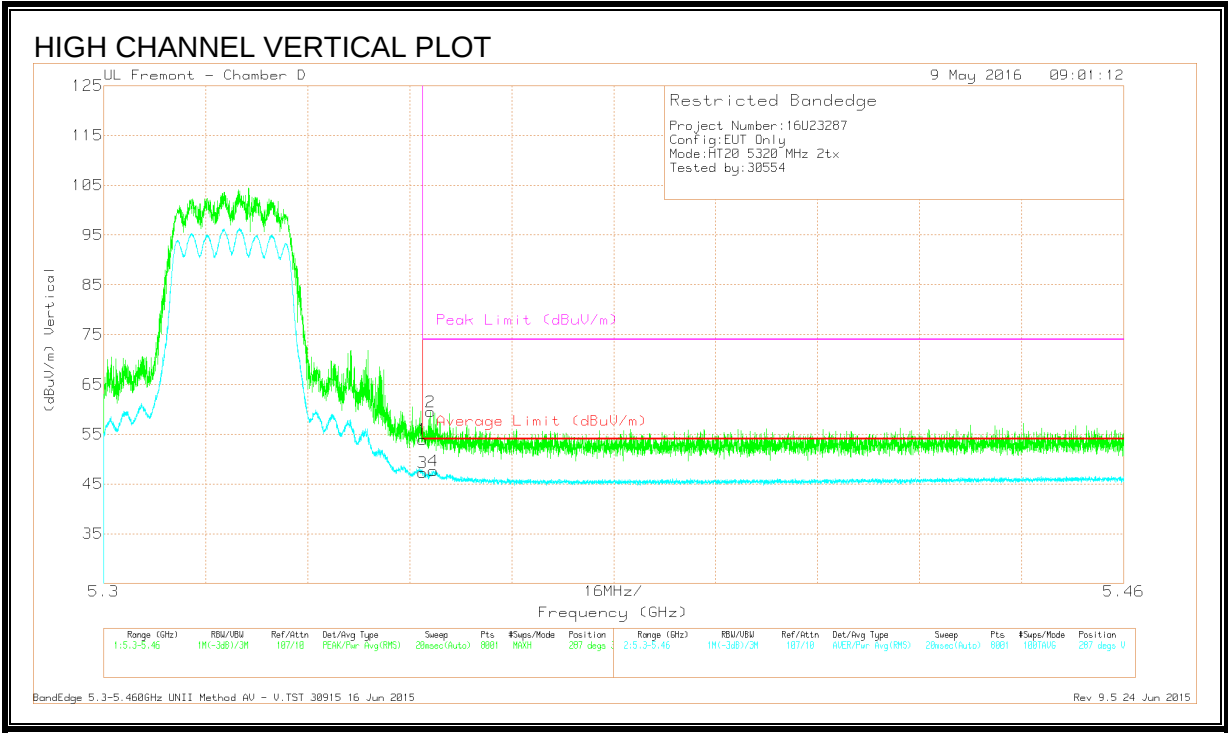
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.83	Pk	34.3	-18.2	61.93	-	-	74	-12.07	307	189	H
3	* 5.35	35.29	RMS	34.3	-18.2	51.39	54	-2.61	-	-	307	189	H
4	* 5.35	35.32	RMS	34.3	-18.2	51.42	54	-2.58	-	-	307	189	H
2	* 5.353	49.4	Pk	34.3	-18.2	65.5	-	-	74	-8.5	307	189	H

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

Pk - Peak detector

RMS - RMS detection



DATA

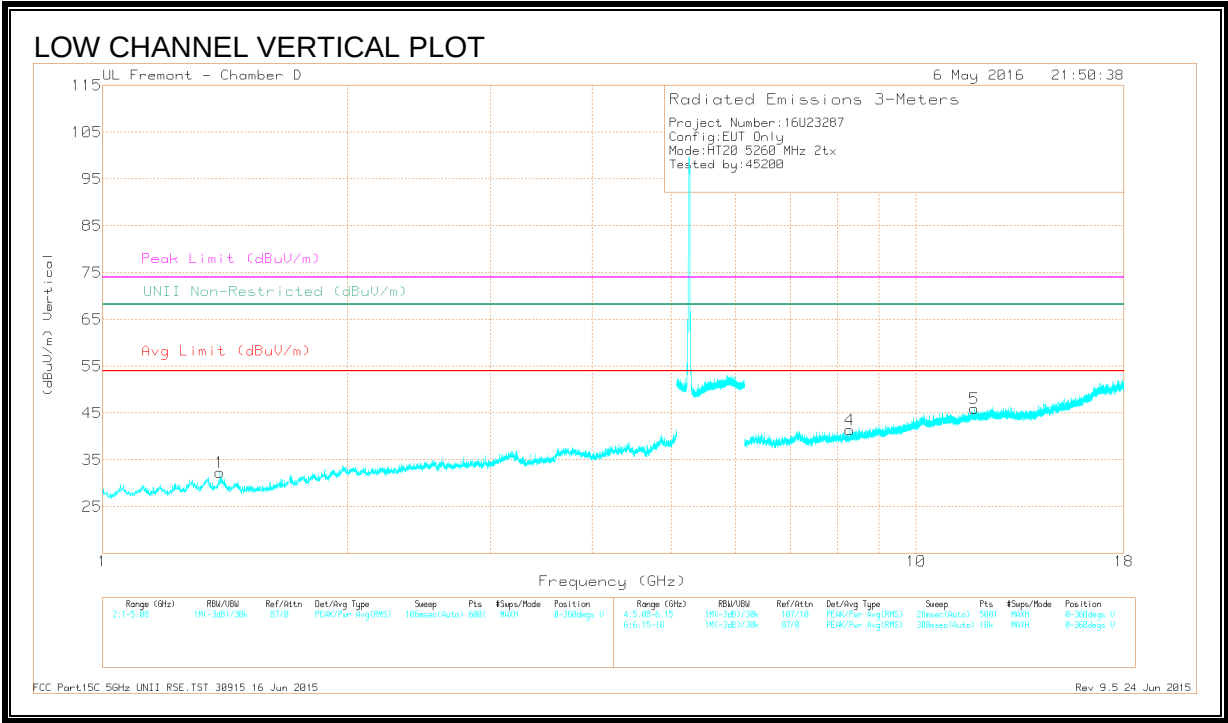
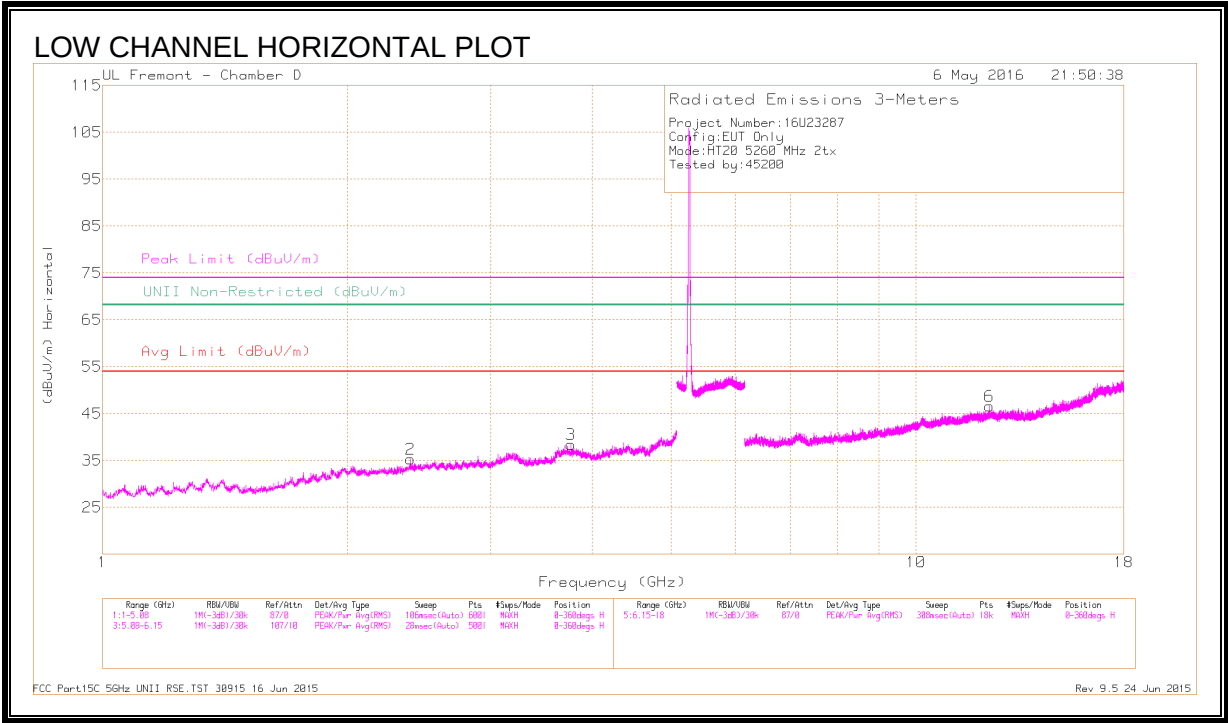
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	37.83	Pk	34.3	-18.2	53.93	-	-	74	-20.07	287	308	V
3	* 5.35	31.15	RMS	34.3	-18.2	47.25	54	-6.75	-	-	287	308	V
2	* 5.351	43.39	Pk	34.3	-18.2	59.49	-	-	74	-14.51	287	308	V
4	* 5.352	31.52	RMS	34.3	-18.2	47.62	54	-6.38	-	-	287	308	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

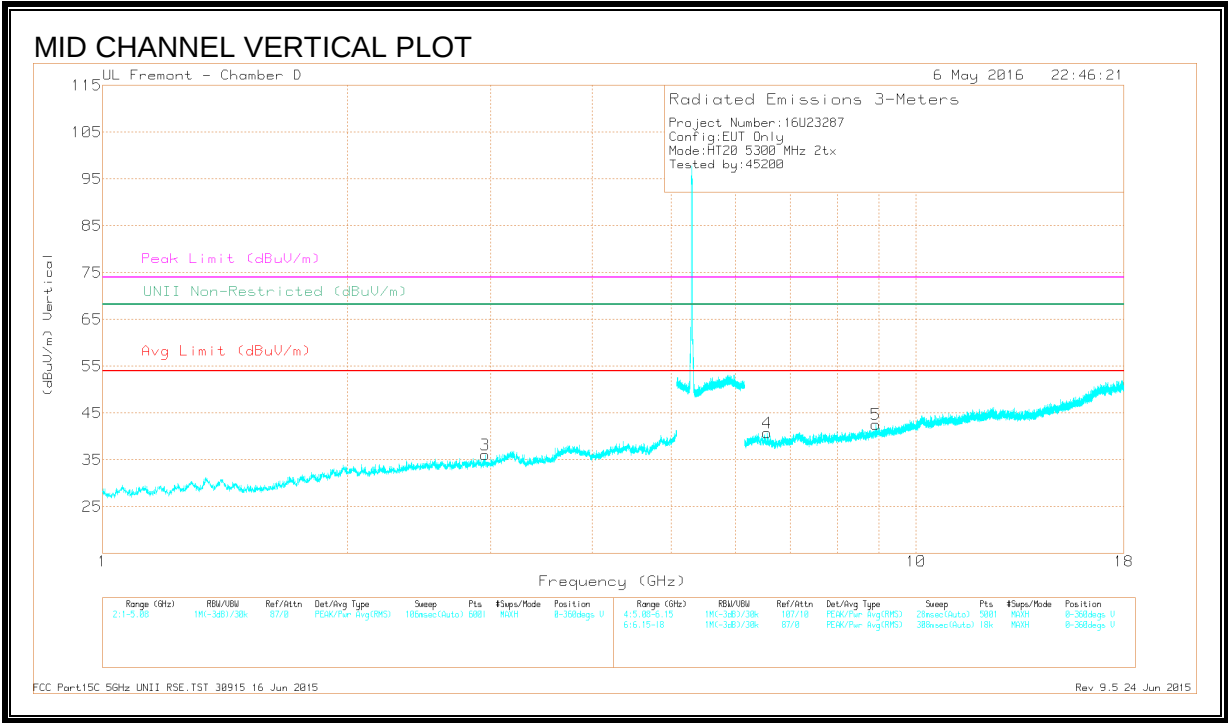
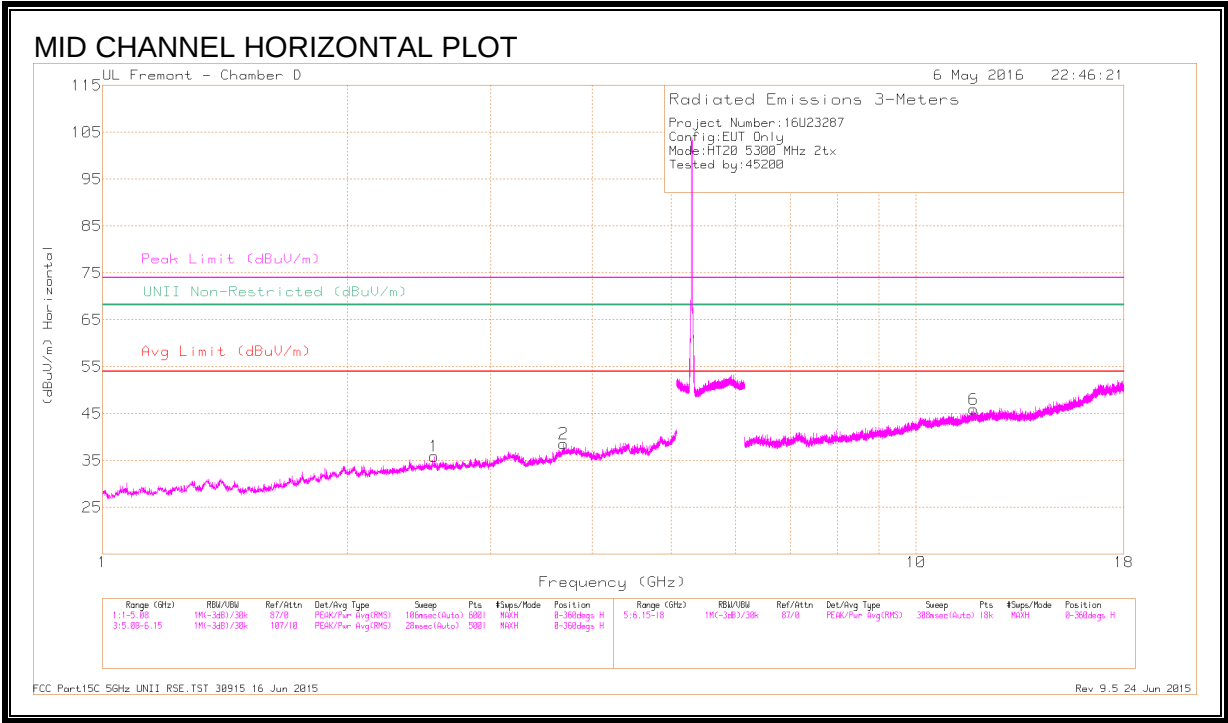
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 3.762	38.3	PK-U	33.5	-28.7	43.1	-	-	74	-30.9	-	-	272	307	H
	* 3.763	26.79	ADR	33.5	-28.7	31.59	54	-22.41	-	-	-	-	272	307	H
1	* 1.394	40.78	PK-U	29	-31.2	38.58	-	-	74	-35.42	-	-	339	275	V
	* 1.395	28.85	ADR	29	-31.2	26.65	54	-27.35	-	-	-	-	339	275	V
6	* 12.31	34.45	PK-U	39	-21.3	52.15	-	-	74	-21.85	-	-	280	174	H
	* 12.308	22.97	ADR	39	-21.3	40.67	54	-13.33	-	-	-	-	280	174	H
4	* 8.292	36.1	PK-U	35.8	-23.8	48.1	-	-	74	-25.9	-	-	166	339	V
	* 8.29	23.91	ADR	35.8	-23.9	35.81	54	-18.19	-	-	-	-	166	339	V
5	* 11.784	34.43	PK-U	38.7	-20.9	52.23	-	-	74	-21.77	-	-	145	228	V
	* 11.787	22.54	ADR	38.7	-20.9	40.34	54	-13.66	-	-	-	-	145	228	V
2	2.39	40	PK-U	32.1	-30.2	41.9	-	-	-	-	68.2	-26.3	34	187	H

* - 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

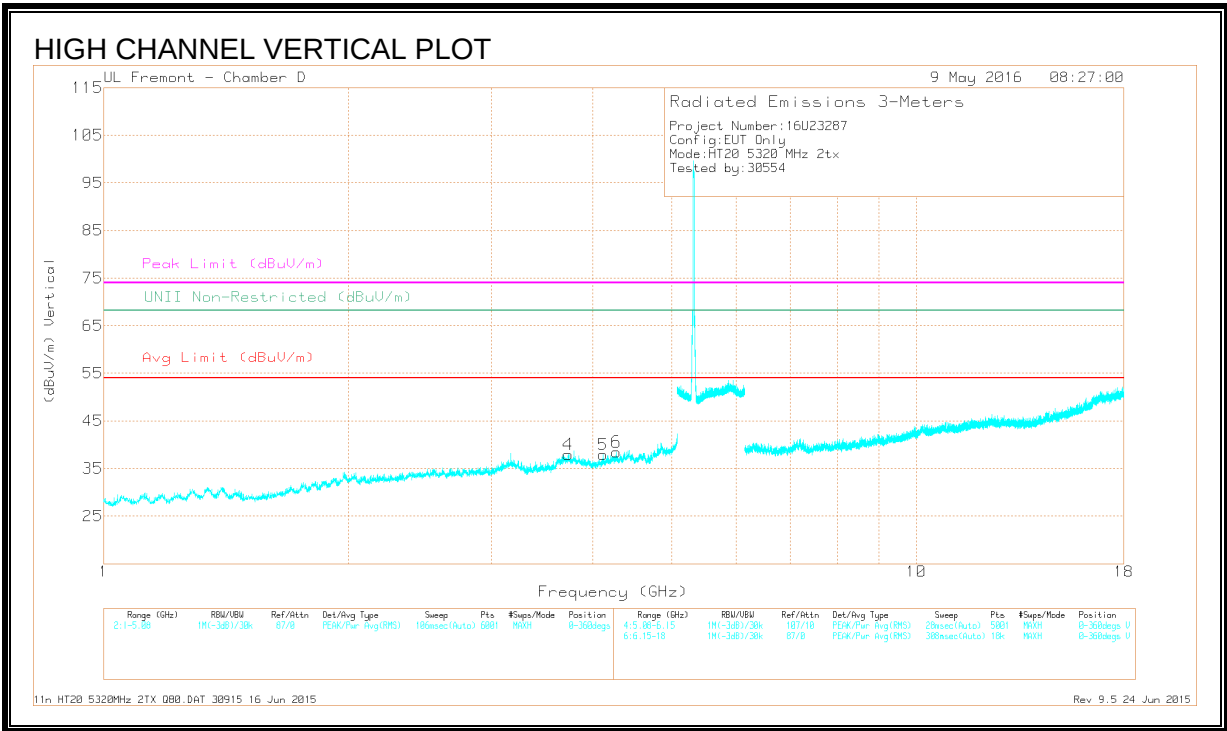
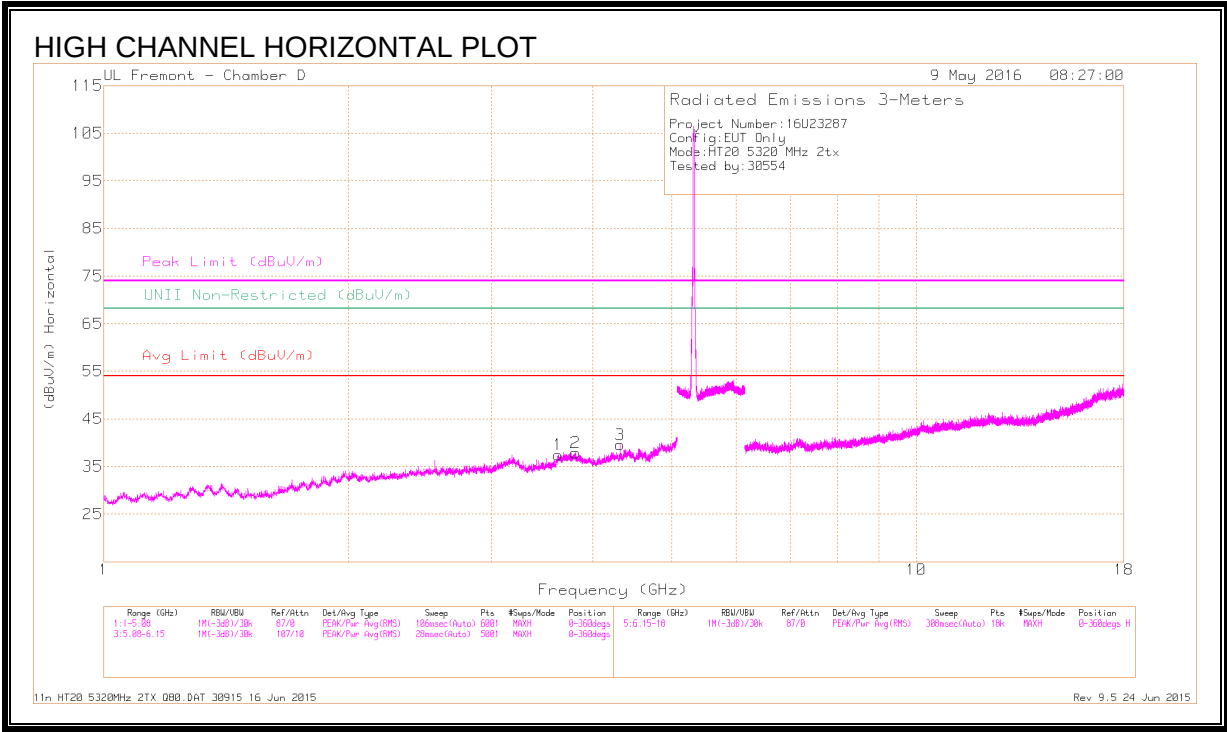
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.686	38.47	PK-U	33.5	-29	42.97	-	-	74	-31.03	-	-	360	366	H
	* 3.69	27.03	ADR	33.5	-29	31.53	54	-22.47	-	-	-	-	360	366	H
6	* 11.762	33.82	PK-U	38.7	-21	51.52	-	-	74	-22.48	-	-	353	175	H
	* 11.76	22.61	ADR	38.7	-20.9	40.41	54	-13.59	-	-	-	-	353	175	H
1	2.554	39.6	PK-U	32.2	-29.6	42.2	-	-	-	-	68.2	-26	296	133	H
3	2.953	39.85	PK-U	32.5	-29.7	42.65	-	-	-	-	68.2	-25.55	252	354	V
4	6.563	36.58	PK-U	35.6	-25.3	46.88	-	-	-	-	68.2	-21.32	252	342	V
5	8.925	35.23	PK-U	36.1	-23.2	48.13	-	-	-	-	68.2	-20.07	83	101	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 3.625	38.83	PK-U	33.4	-28.8	43.43	-	-	74	-30.57	-	-	0	101	H
	* 3.625	27.43	ADR	33.4	-28.8	32.03	54	-21.97	-	-	-	-	0	101	H
2	* 3.807	38.51	PK-U	33.6	-28.4	43.71	-	-	74	-30.29	-	-	0	101	H
	* 3.806	27.42	ADR	33.6	-28.4	32.62	54	-21.38	-	-	-	-	0	101	H
3	* 4.323	38.87	PK-U	33.6	-28.2	44.27	-	-	74	-29.73	-	-	0	101	H
	* 4.323	27.09	ADR	33.6	-28.2	32.49	54	-21.51	-	-	-	-	0	101	H
4	* 3.728	38.69	PK-U	33.5	-28.9	43.29	-	-	74	-30.71	-	-	0	101	V
	* 3.73	27.5	ADR	33.5	-28.8	32.2	54	-21.8	-	-	-	-	0	101	V
5	* 4.113	38.68	PK-U	33.6	-28.3	43.98	-	-	74	-30.02	-	-	0	101	V
	* 4.116	26.77	ADR	33.6	-28.3	32.07	54	-21.93	-	-	-	-	0	101	V
6	* 4.272	37.74	PK-U	33.5	-27.5	43.74	-	-	74	-30.26	-	-	0	101	V
	* 4.275	26.77	ADR	33.5	-27.5	32.77	54	-21.23	-	-	-	-	0	101	V

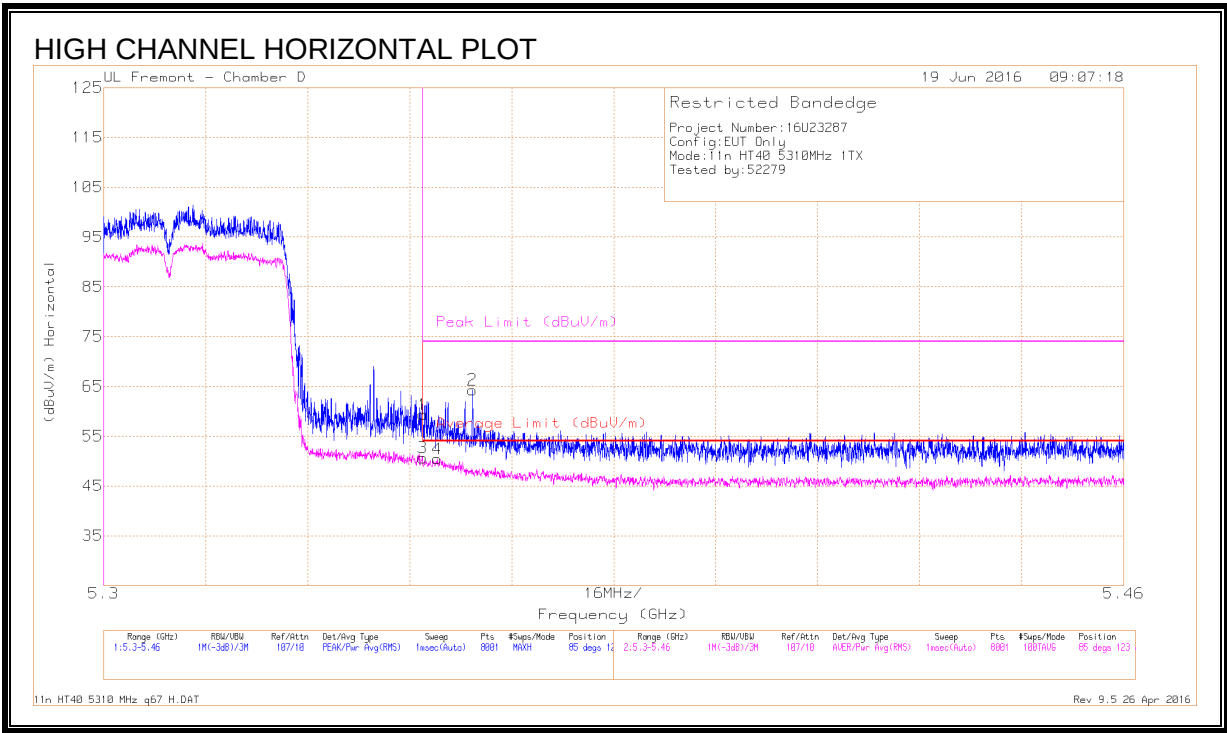
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.10. 802.11n HT40 1Tx MODE IN THE 5.3 GHz BAND

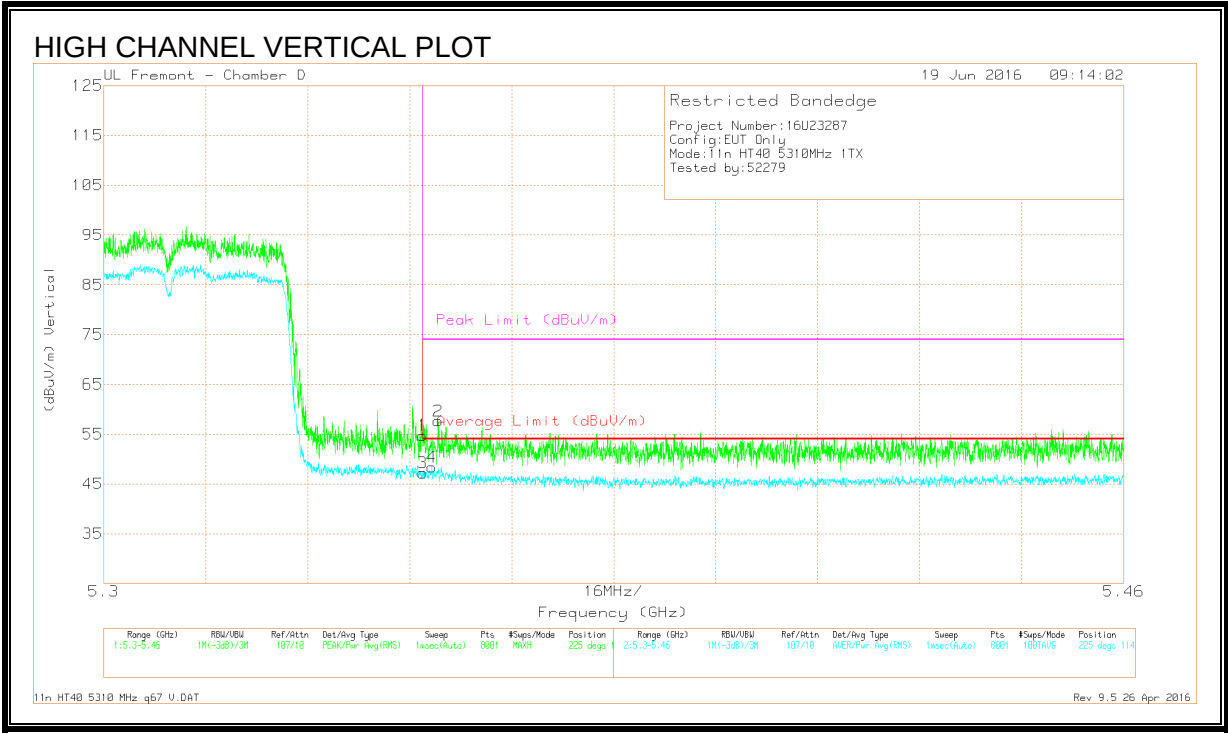
RESTRICTED BANDEDGE,CHAIN 0 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 5.35	43.26	Pk	34.3	-18.2	59.36	-	-	74	-14.64	85	123	H
3	* 5.35	34.55	RMS	34.3	-18.2	50.65	54	-3.35	-	-	85	123	H
4	* 5.352	34.36	RMS	34.3	-18.2	50.46	54	-3.54	-	-	85	123	H
2	* 5.358	48.19	Pk	34.4	-18.3	64.29	-	-	74	-9.71	85	123	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

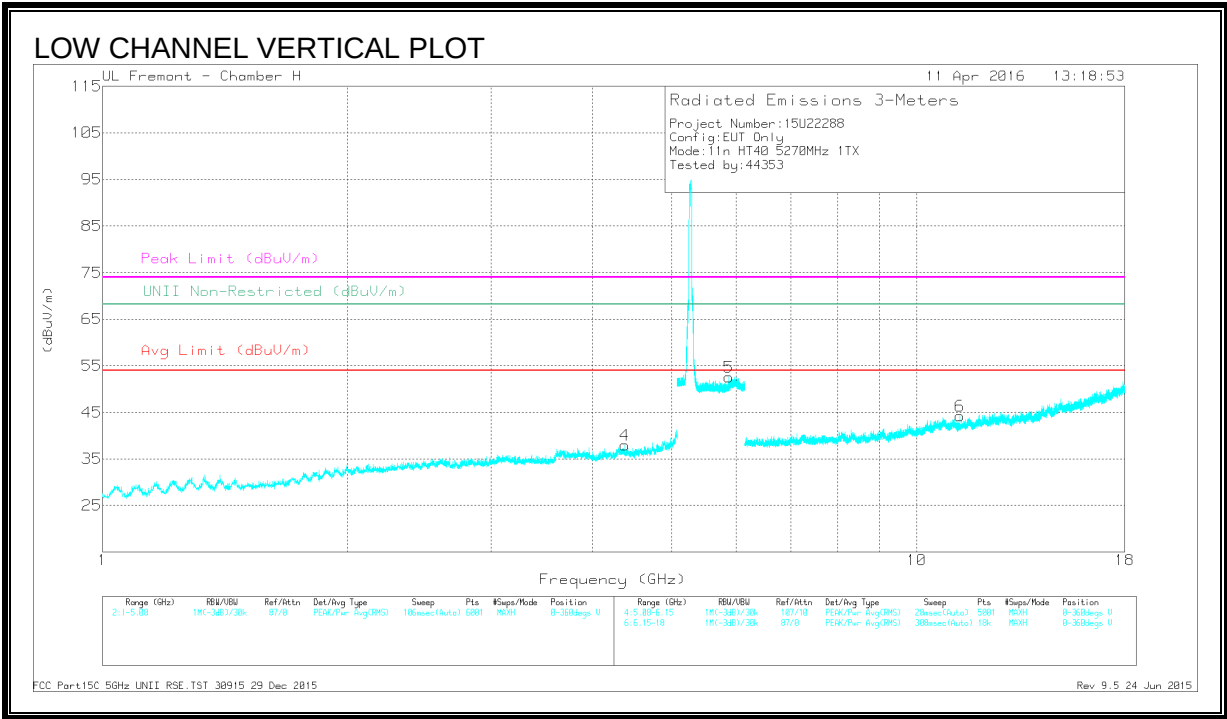
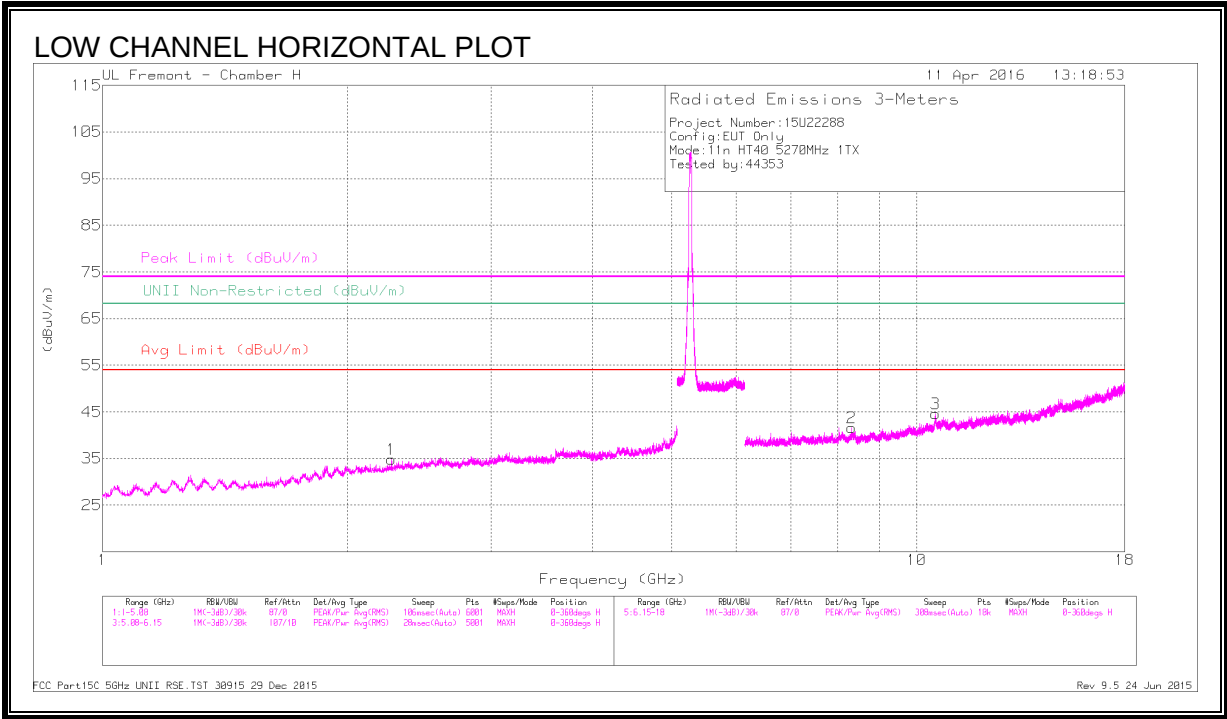
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.67	Pk	34.3	-18.2	54.77	-	-	74	-19.23	225	114	V
3	* 5.35	31.12	RMS	34.3	-18.2	47.22	54	-6.78	-	-	225	114	V
4	* 5.351	32.26	RMS	34.3	-18.2	48.36	54	-5.64	-	-	225	114	V
2	* 5.352	41.53	Pk	34.3	-18.2	57.63	-	-	74	-16.37	225	114	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

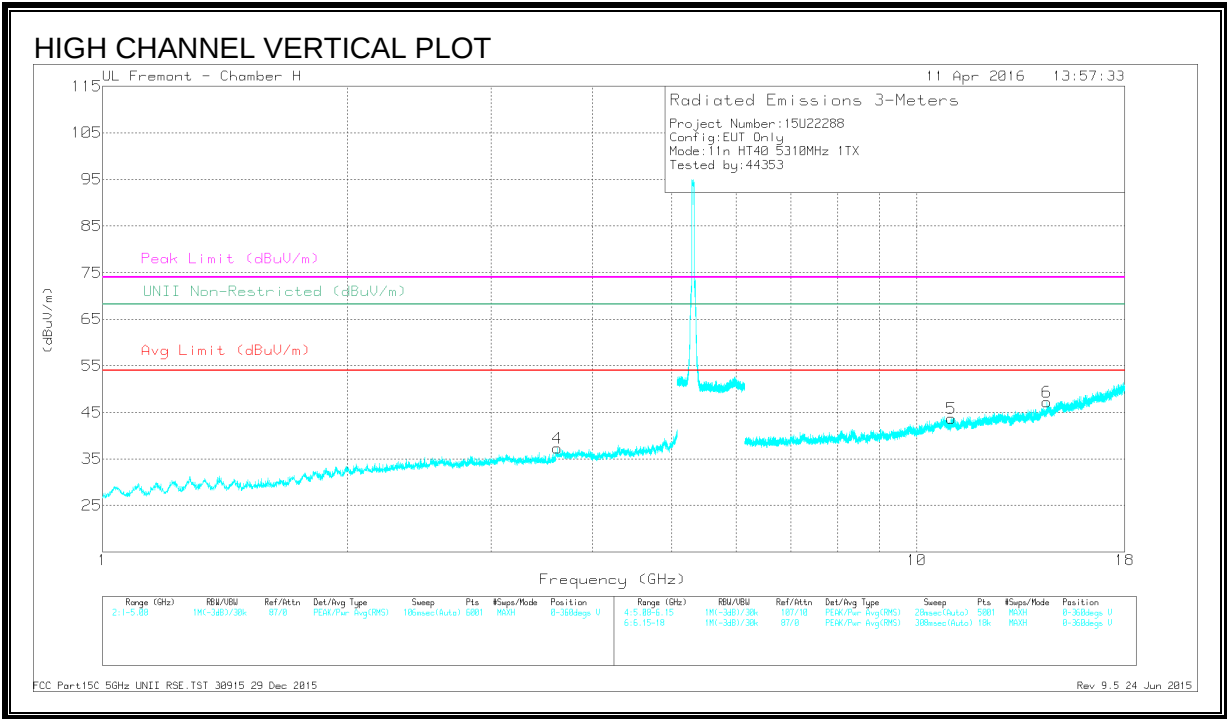
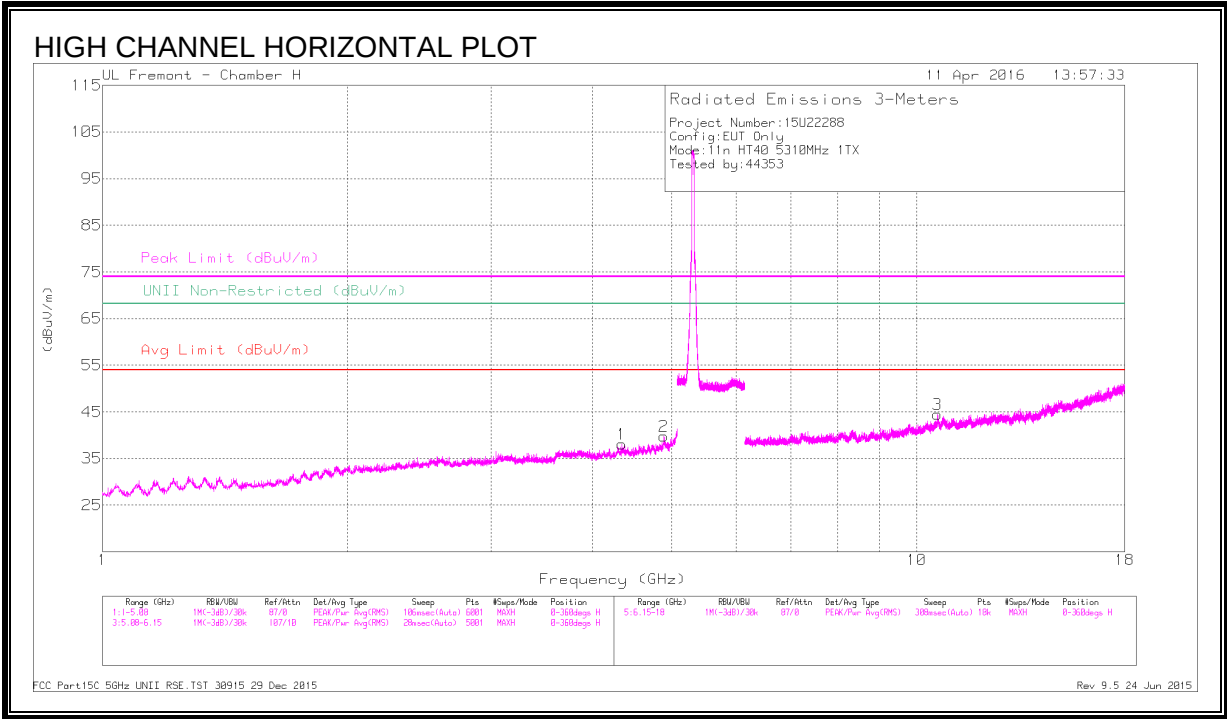
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.267	40.74	PK-U	31.7	-31.6	40.84	-	-	74	-33.16	-	-	298	211	H
	* 2.267	29.37	ADR	31.7	-31.6	29.47	54	-24.53	-	-	-	-	298	211	H
4	* 4.378	38.22	PK-U	33.7	-27.3	44.62	-	-	74	-29.38	-	-	57	314	V
	* 4.377	26.88	ADR	33.7	-27.3	33.28	54	-20.72	-	-	-	-	57	314	V
2	* 8.323	34.66	PK-U	35.9	-23	47.56	-	-	74	-26.44	-	-	188	100	H
	* 8.322	23.82	ADR	35.9	-23	36.72	54	-17.28	-	-	-	-	188	100	H
6	* 11.289	33.85	PK-U	37.8	-21.5	50.15	-	-	74	-23.85	-	-	344	139	V
	* 11.291	22.58	ADR	37.9	-21.5	38.98	54	-15.02	-	-	-	-	344	139	V
5	5.873	40.07	PK-U	34.9	-16.5	58.47	-	-	-	-	68.2	-9.73	104	271	V
3	10.54	35.97	PK-U	37.5	-21.3	52.17	-	-	-	-	68.2	-16.03	95	201	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

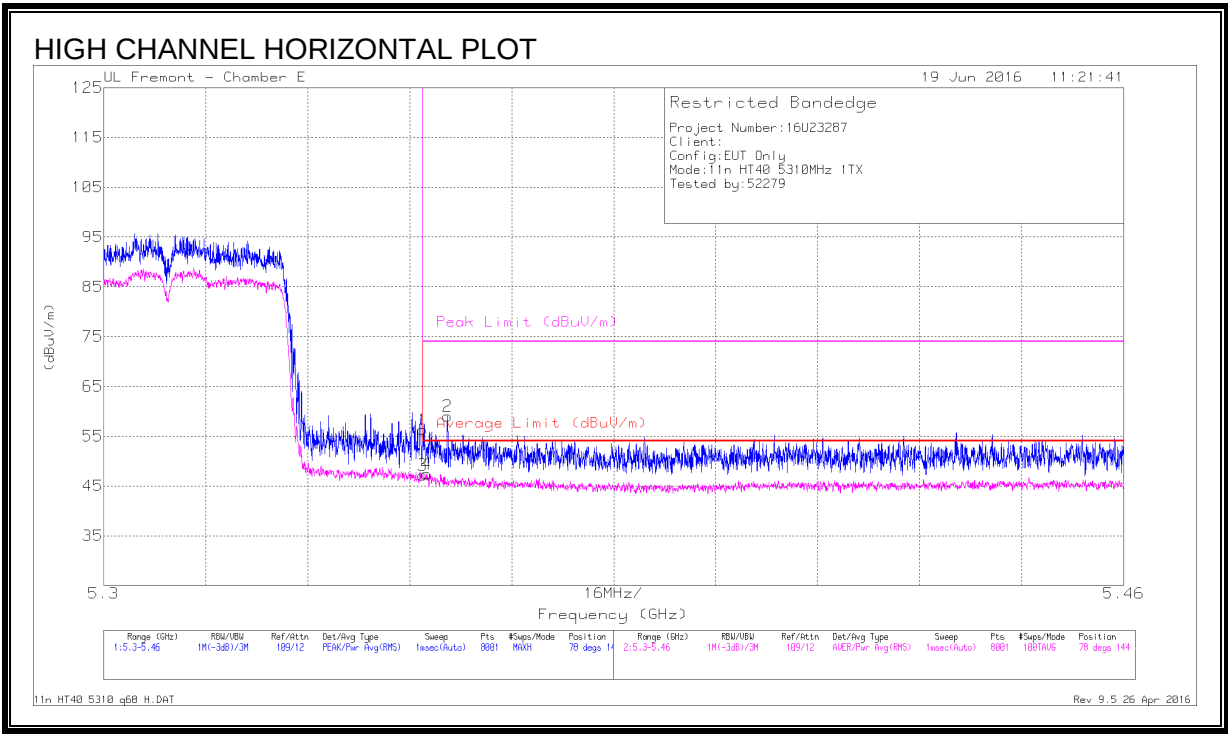
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.342	38.79	PK-U	33.6	-27.2	45.19	-	-	74	-28.81	-	-	136	230	H
	* 4.34	26.8	ADR	33.6	-27.2	33.2	54	-20.8	-	-	-	-	136	230	H
2	* 4.894	39.53	PK-U	34.2	-27	46.73	-	-	74	-27.27	-	-	66	250	H
	* 4.895	28.17	ADR	34.2	-27	35.37	54	-18.63	-	-	-	-	66	250	H
4	* 3.618	38.82	PK-U	33.1	-28.6	43.32	-	-	74	-30.68	-	-	220	119	V
	* 3.617	27.72	ADR	33.1	-28.6	32.22	54	-21.78	-	-	-	-	220	119	V
3	* 10.606	35.46	PK-U	37.7	-21.5	51.66	-	-	74	-22.34	-	-	303	121	H
	* 10.608	23.96	ADR	37.7	-21.5	40.16	54	-13.84	-	-	-	-	303	121	H
5	* 11.015	34.41	PK-U	37.8	-21.7	50.51	-	-	74	-23.49	-	-	178	255	V
	* 11.017	22.77	ADR	37.8	-21.7	38.87	54	-15.13	-	-	-	-	178	255	V
6	14.449	34.69	PK-U	39.8	-21.3	53.19	-	-	-	-	68.2	-15.01	348	168	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

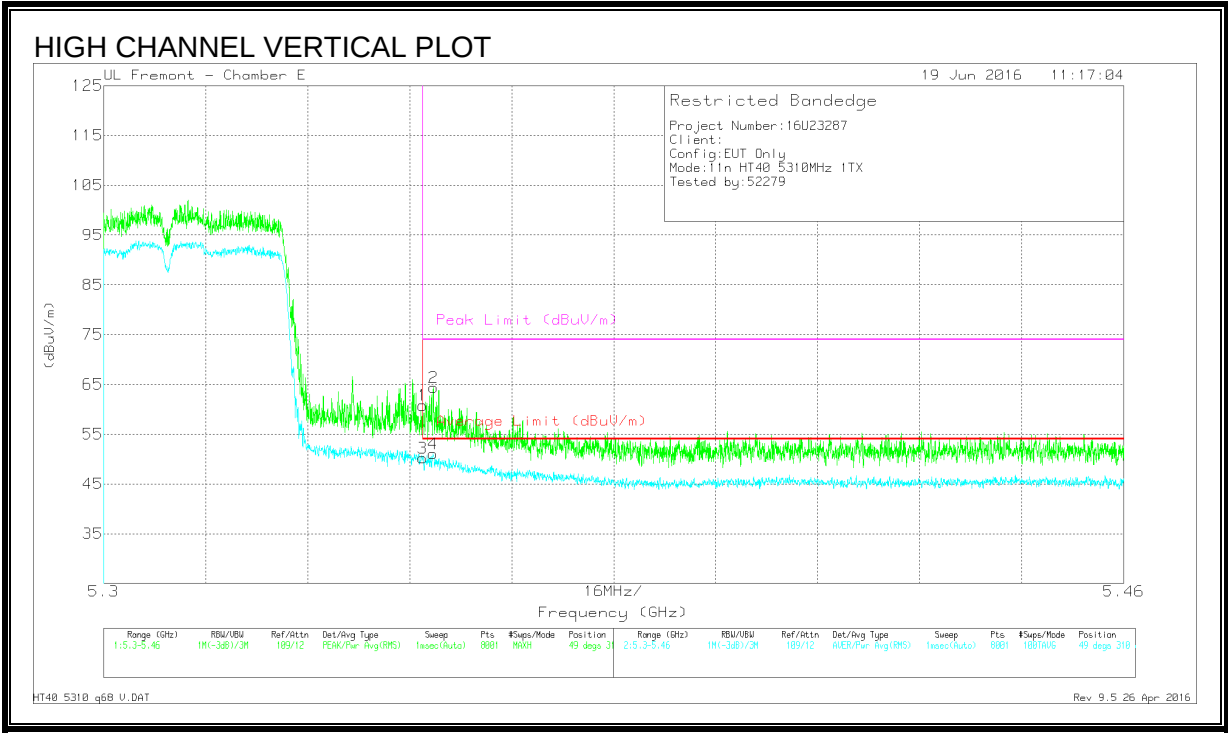
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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
1	* 5.35	41.52	Pk	34.4	-19.6	56.32	-	-	74	-17.68	78	144	H
3	* 5.35	32.39	RMS	34.4	-19.6	47.19	54	-6.81	-	-	78	144	H
4	* 5.351	32.62	RMS	34.4	-19.6	47.42	54	-6.58	-	-	78	144	H
2	* 5.354	44.22	Pk	34.4	-19.6	59.02	-	-	74	-14.98	78	144	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

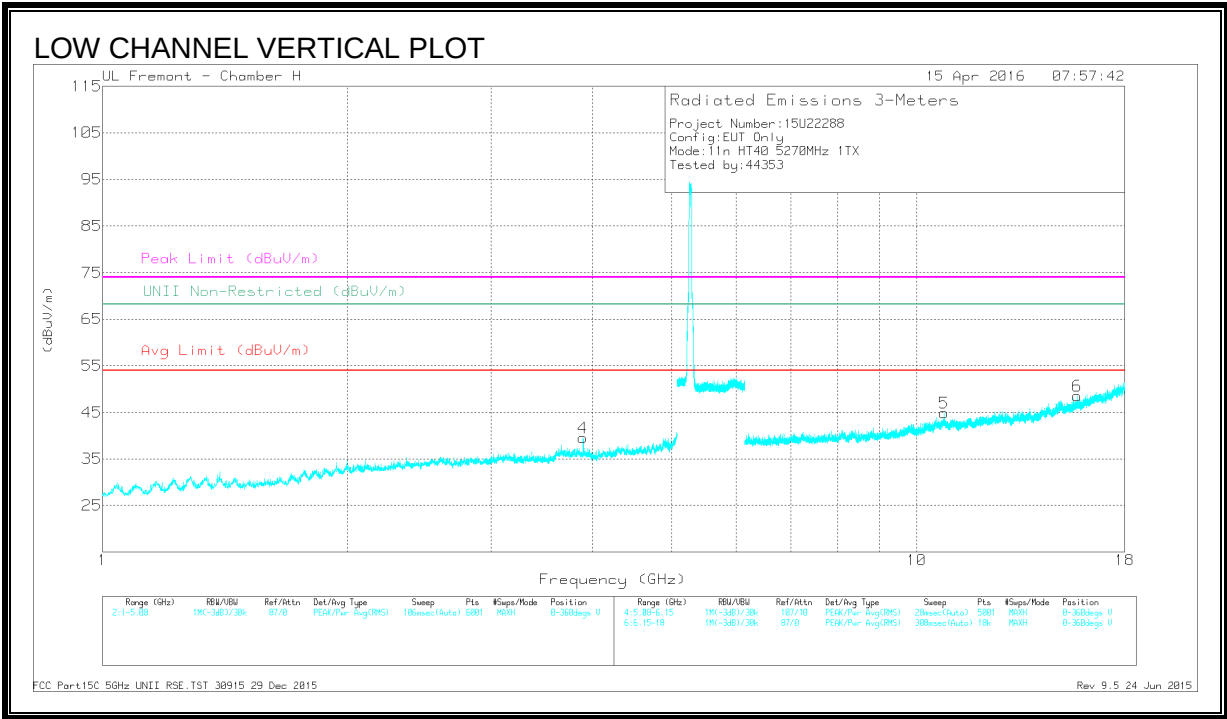
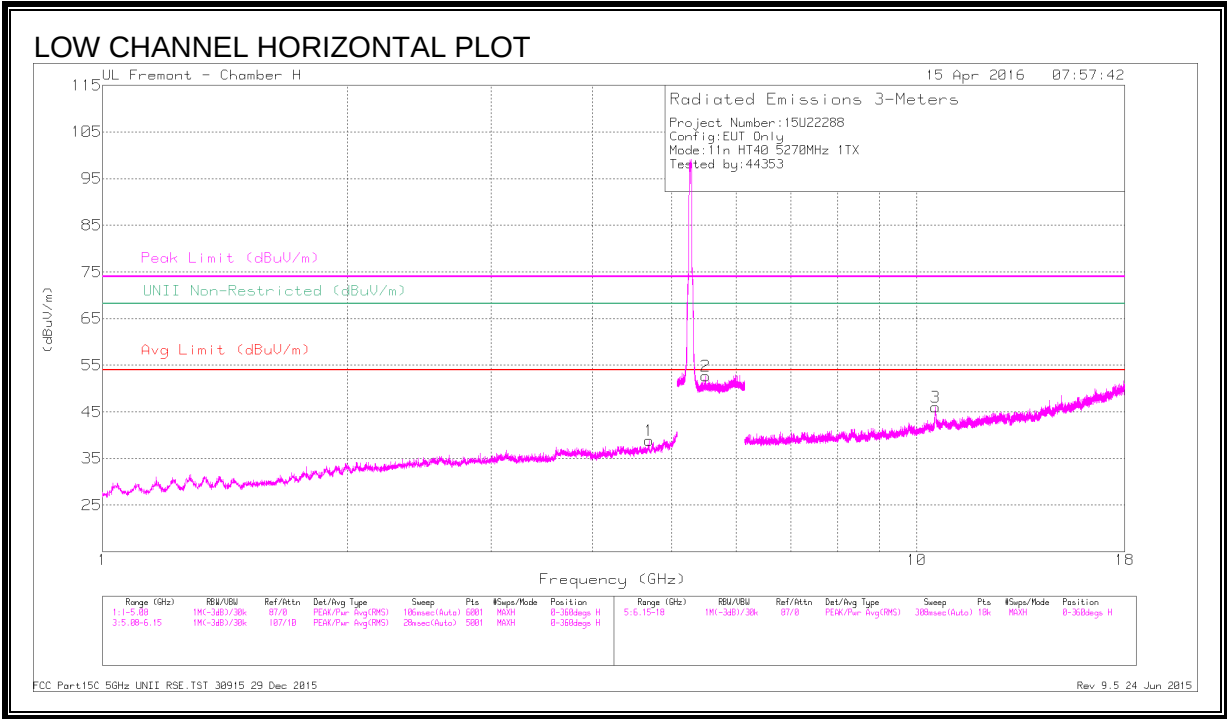
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.98	Pk	34.4	-19.6	60.78	-	-	74	-13.22	49	310	V
3	* 5.35	35.4	RMS	34.4	-19.6	50.2	54	-3.8	-	-	49	310	V
2	* 5.352	49.57	Pk	34.4	-19.6	64.37	-	-	74	-9.63	49	310	V
4	* 5.352	36.26	RMS	34.4	-19.6	51.06	54	-2.94	-	-	49	310	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

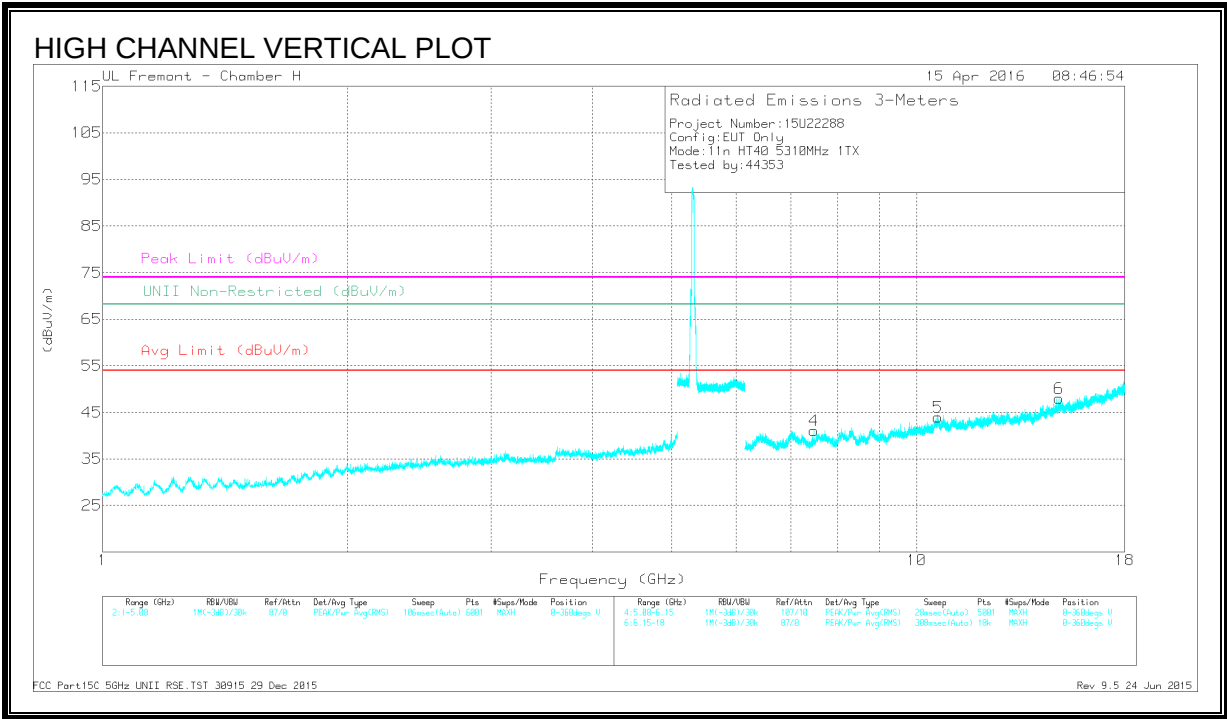
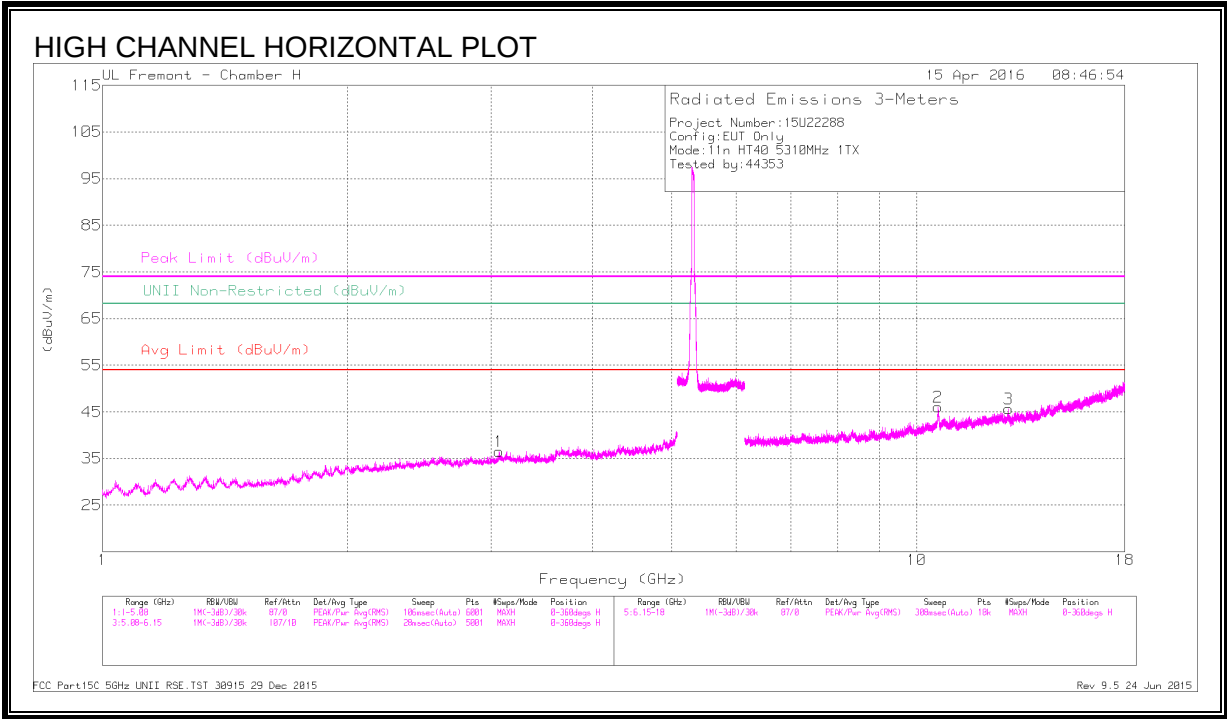
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.689	39.41	PK-U	34.1	-27.8	45.71	-	-	74	-28.29	-	-	1	202	H
	* 4.691	27.73	ADR	34.1	-27.8	34.03	54	-19.97	-	-	-	-	1	202	H
4	* 3.898	39.64	PK-U	33.6	-28.6	44.64	-	-	74	-29.36	-	-	120	373	V
	* 3.897	27.82	ADR	33.6	-28.6	32.82	54	-21.18	-	-	-	-	120	373	V
5	* 10.79	33.56	PK-U	37.9	-21	50.46	-	-	74	-23.54	-	-	233	263	V
	* 10.792	22.44	ADR	37.9	-21	39.34	54	-14.66	-	-	-	-	233	263	V
6	* 15.73	33.6	PK-U	40.9	-19.6	54.9	-	-	74	-19.1	-	-	154	177	V
	* 15.73	22.37	ADR	40.9	-19.6	43.67	54	-10.33	-	-	-	-	154	177	V
2	5.506	39.31	PK-U	35.5	-16.5	58.31	-	-	-	-	68.2	-9.89	250	123	H
3	10.52	39.16	PK-U	37.5	-21.6	55.06	-	-	-	-	68.2	-13.14	92	215	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/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
2	* 10.618	39.87	PK-U	37.7	-21.7	55.87	-	-	74	-18.13	-	-	93	198	H
	* 10.62	26.98	ADR	37.7	-21.7	42.98	54	-11.02	-	-	-	-	93	198	H
4	* 7.475	35.61	PK-U	36	-24.9	46.71	-	-	74	-27.29	-	-	272	131	V
	* 7.473	24.81	ADR	36	-24.8	36.01	54	-17.99	-	-	-	-	272	131	V
5	* 10.618	36.78	PK-U	37.7	-21.6	52.88	-	-	74	-21.12	-	-	69	396	V
	* 10.62	24.01	ADR	37.7	-21.7	40.01	54	-13.99	-	-	-	-	69	396	V
1	3.071	39.59	PK-U	32.9	-29.5	42.99	-	-	-	-	68.2	-25.21	2	202	H
36	12.95	34.9	PK-U	39.4	-21.6	52.7	-	-	-	-	68.2	-15.5	88	210	H
	14.938	33.77	PK-U	40.6	-20.3	54.07	-	-	-	-	68.2	-14.13	189	150	V

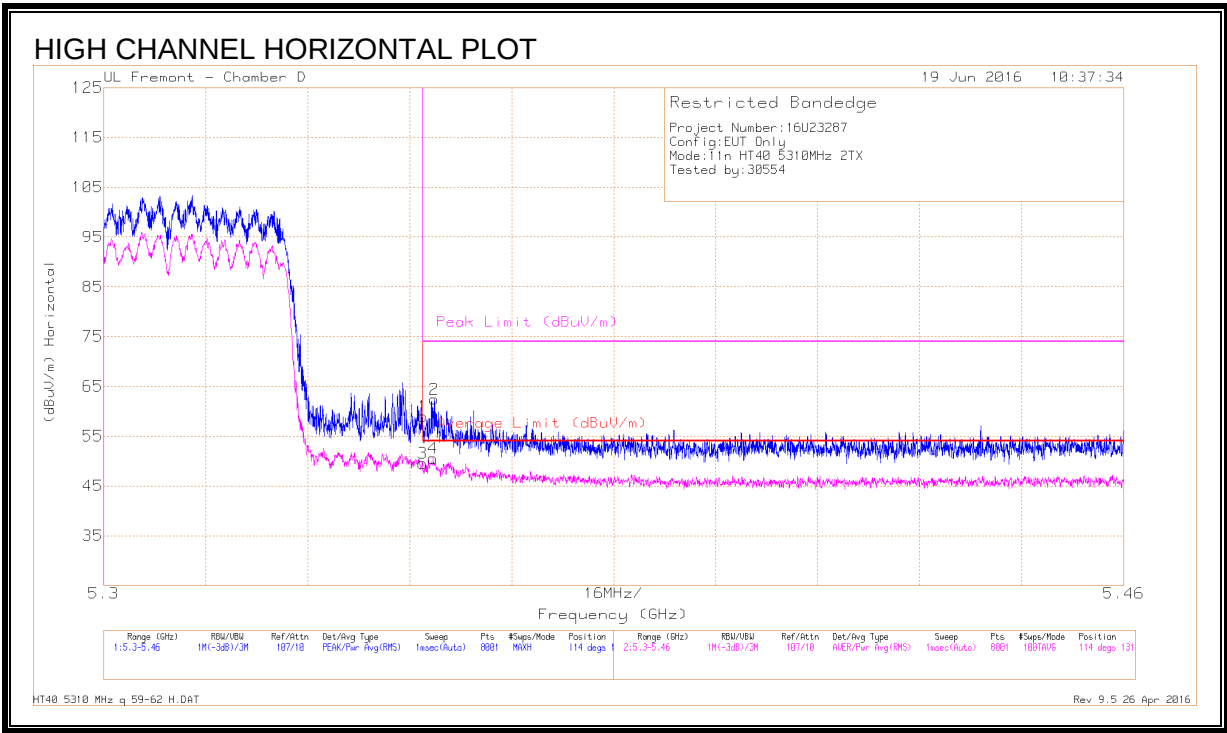
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.11. 802.11n HT40 2Tx CDD MODE IN THE 5.3 GHz BAND

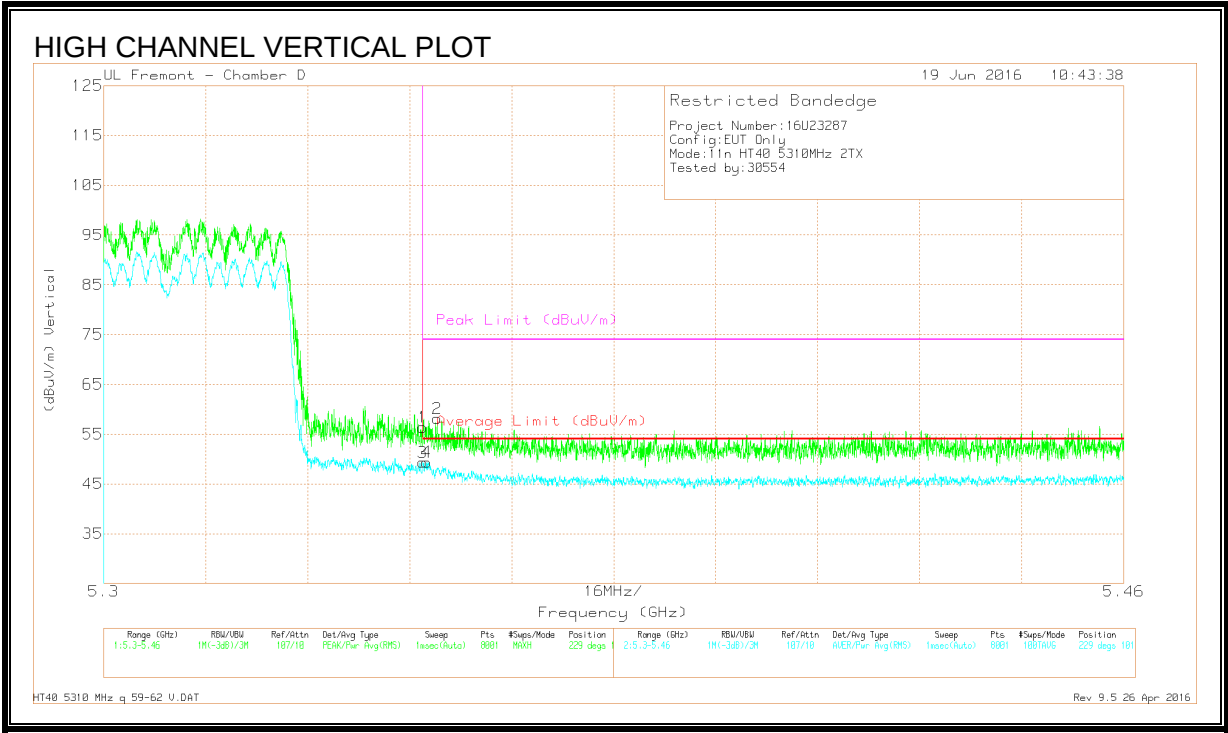
RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 5.35	42.86	Pk	34.3	-18.2	58.96	-	-	74	-15.04	114	131	H
3	* 5.35	33.44	RMS	34.3	-18.2	49.54	54	-4.46	-	-	114	131	H
2	* 5.352	46.33	Pk	34.3	-18.2	62.43	-	-	74	-11.57	114	131	H
4	* 5.352	34.42	RMS	34.3	-18.2	50.52	54	-3.48	-	-	114	131	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection



DATA

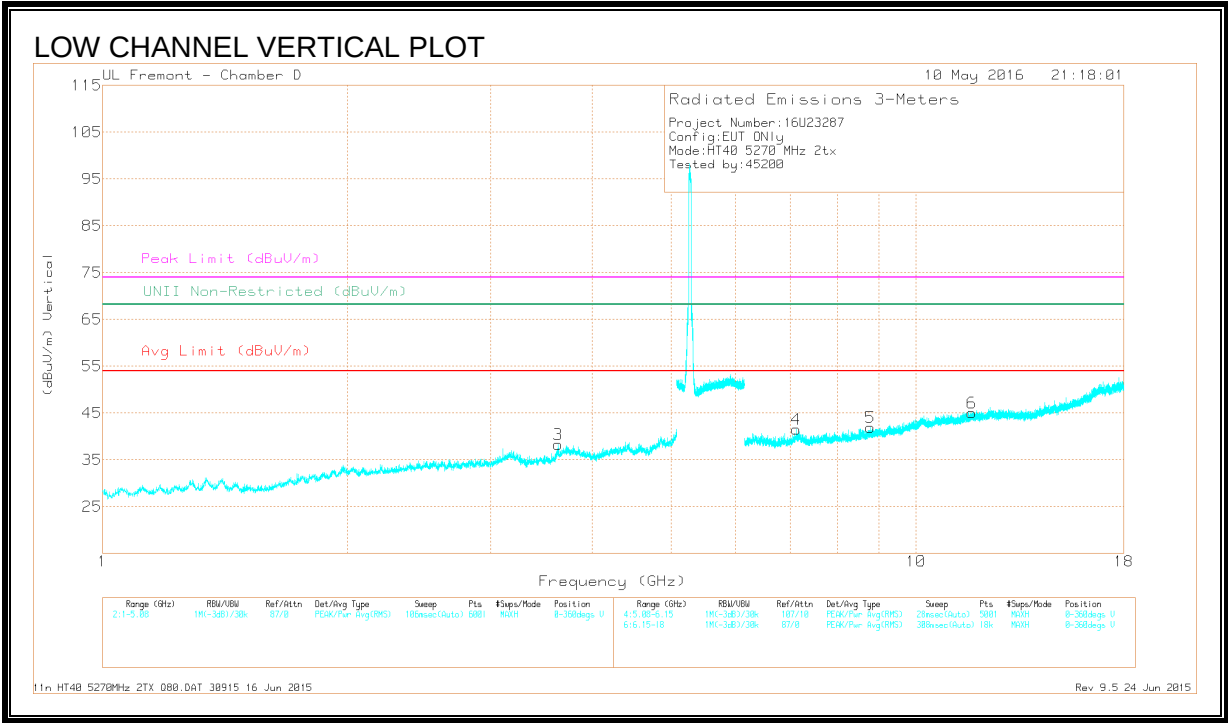
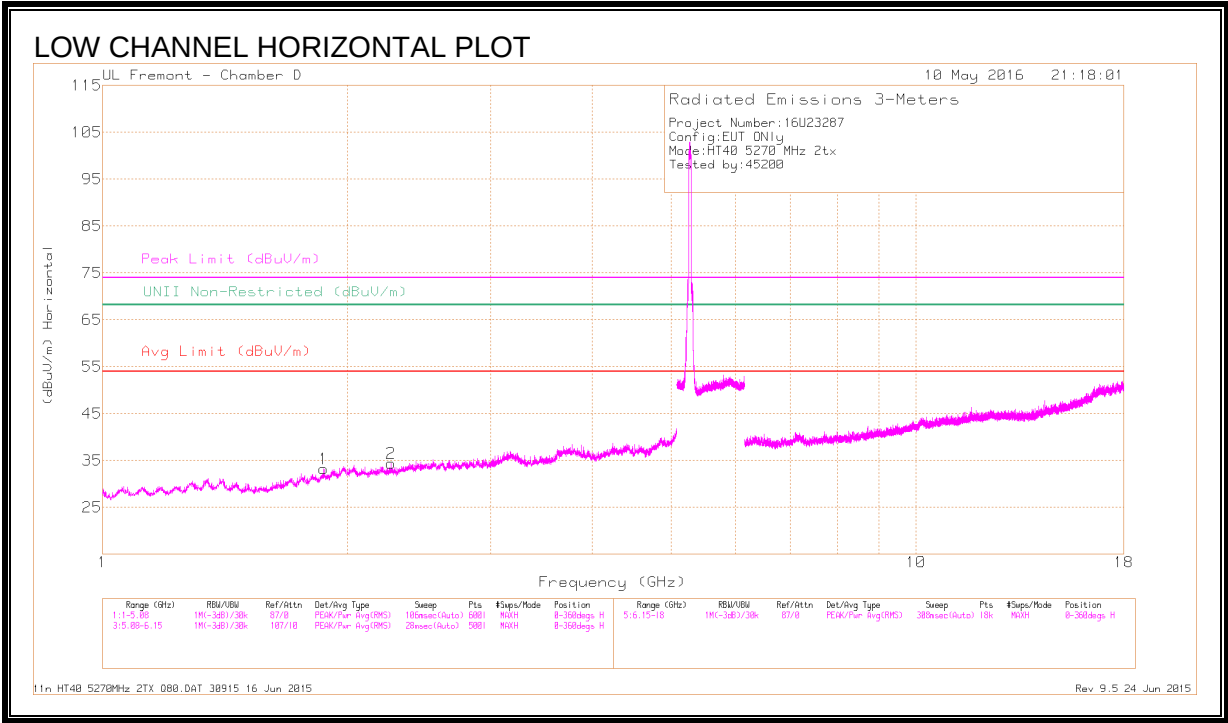
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.29	Pk	34.3	-18.2	56.39	-	-	74	-17.61	229	101	V
3	* 5.35	33.26	RMS	34.3	-18.2	49.36	54	-4.64	-	-	229	101	V
4	* 5.351	33.28	RMS	34.3	-18.2	49.38	54	-4.62	-	-	229	101	V
2	* 5.352	42.03	Pk	34.3	-18.2	58.13	-	-	74	-15.87	229	101	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

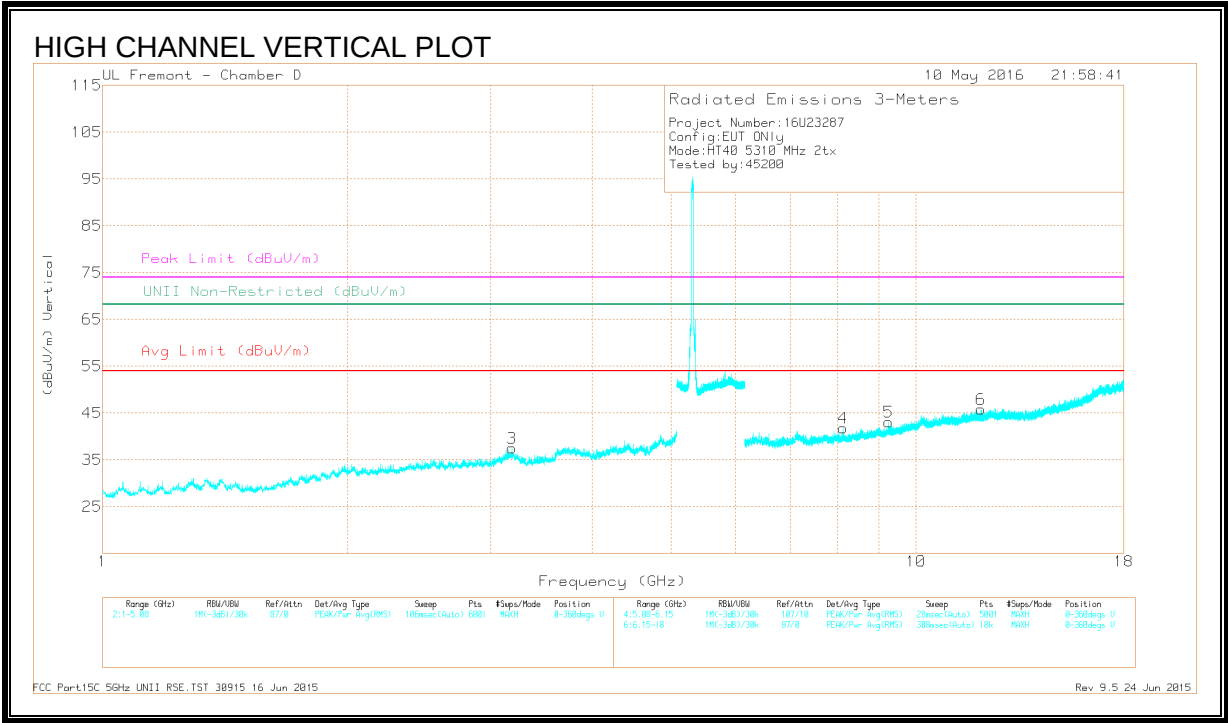
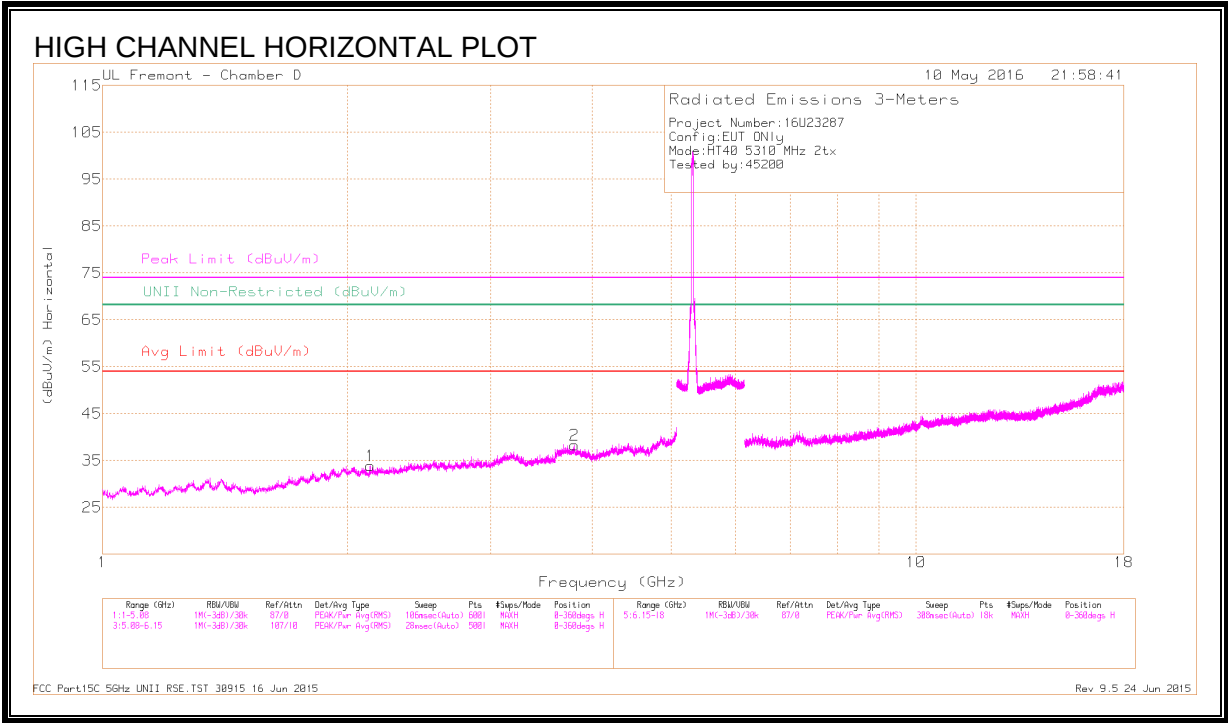
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.259	40.53	PK-U	31.5	-30.6	41.43	-	-	74	-32.57	-	-	36	118	H
	* 2.262	28.07	ADR	31.5	-30.6	28.97	54	-25.03	-	-	-	-	36	118	H
3	* 3.628	39.52	PK-U	33.4	-28.9	44.02	-	-	74	-29.98	-	-	97	295	V
	* 3.629	27.14	ADR	33.4	-28.9	31.64	54	-22.36	-	-	-	-	97	295	V
6	* 11.697	33.74	PK-U	38.6	-20.7	51.64	-	-	74	-22.36	-	-	298	101	V
	* 11.699	22.31	ADR	38.6	-20.7	40.21	54	-13.79	-	-	-	-	298	101	V
1	1.872	40.33	PK-U	30.6	-31.2	39.73	-	-	-	-	68.2	-28.47	305	324	H
4	7.124	36.33	PK-U	35.8	-23.9	48.23	-	-	-	-	68.2	-19.97	332	392	V
5	8.778	34.25	PK-U	36	-22.5	47.75	-	-	-	-	68.2	-20.45	352	130	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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
2	* 3.806	38.25	PK-U	33.6	-28.4	43.45	-	-	74	-30.55	-	-	182	312	H
	* 3.806	26.84	ADR	33.6	-28.4	32.04	54	-21.96	-	-	-	-	182	312	H
4	* 8.125	35.24	PK-U	35.8	-23.6	47.44	-	-	74	-26.56	-	-	274	212	V
	* 8.126	23.66	ADR	35.8	-23.6	35.86	54	-18.14	-	-	-	-	274	212	V
6	* 12.009	34.16	PK-U	38.9	-21.3	51.76	-	-	74	-22.24	-	-	157	316	V
	* 12.005	22.57	ADR	38.9	-21.3	40.17	54	-13.83	-	-	-	-	157	316	V
1	2.133	40.02	PK-U	31.2	-30.6	40.62	-	-	-	-	68.2	-27.58	201	304	H
3	3.186	38.98	PK-U	33.9	-28.9	43.98	-	-	-	-	68.2	-24.22	291	282	V
5	9.242	34.07	PK-U	36.3	-21.4	48.97	-	-	-	-	68.2	-19.23	245	203	V

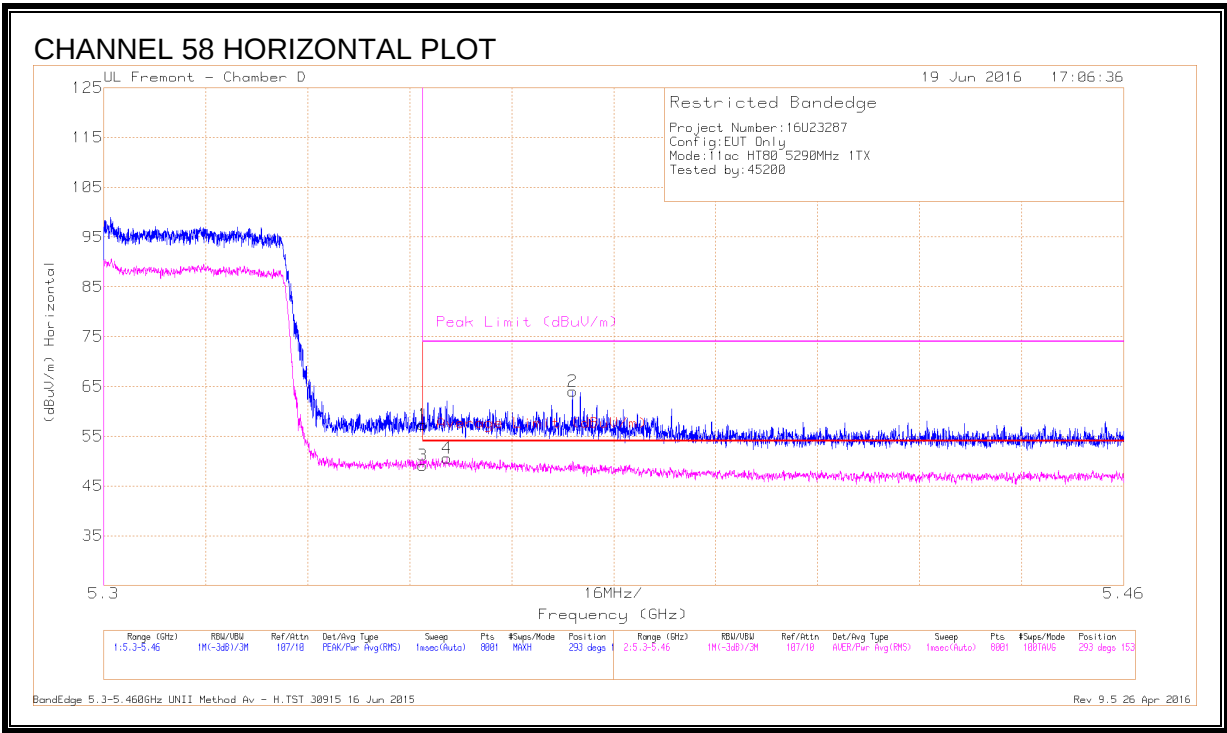
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.12. 802.11ac VHT80 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL, CH 58)



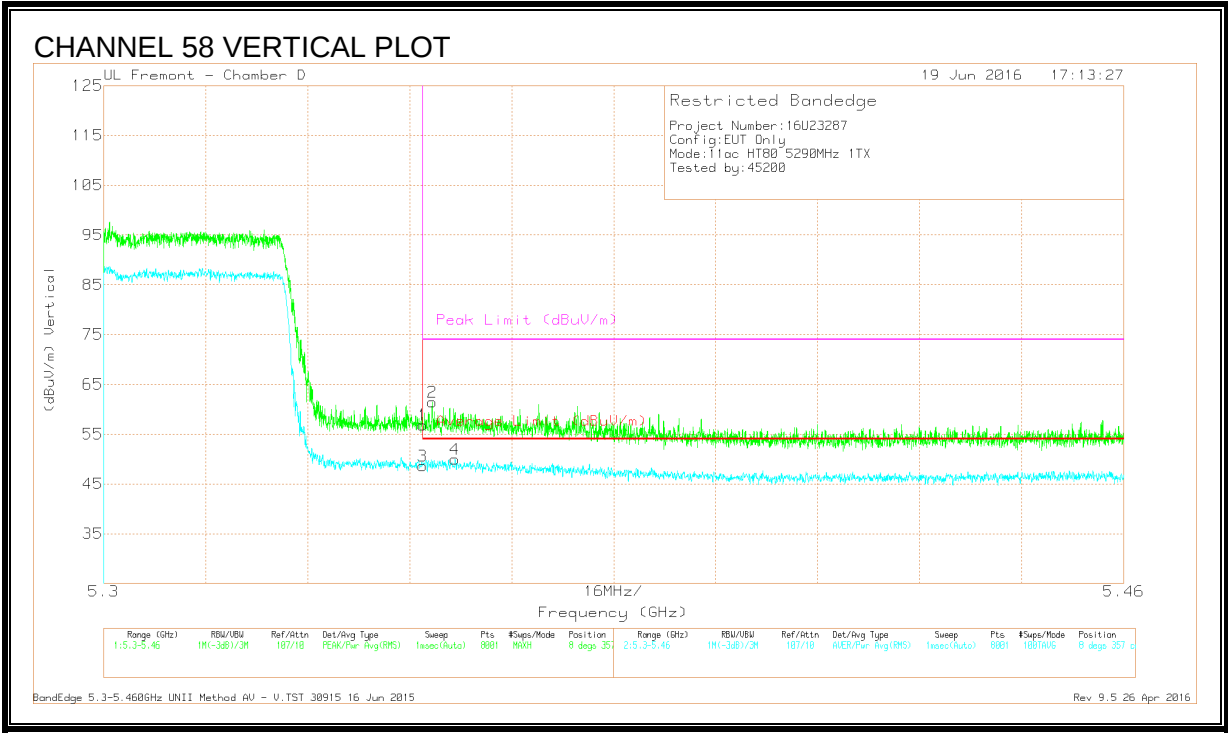
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT12 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.24	Pk	34.3	-18.2	0	57.34	-	-	74	-16.66	293	153	H
3	* 5.35	33.06	RMS	34.3	-18.2	.15	49.31	54	-4.69	-	-	293	153	H
4	* 5.354	34.49	RMS	34.3	-18.2	.15	50.74	54	-3.26	-	-	293	153	H
2	* 5.374	47.95	Pk	34.4	-18.3	0	64.05	-	-	74	-9.95	293	153	H

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

Pk - Peak detector

RMS - RMS detection



DATA

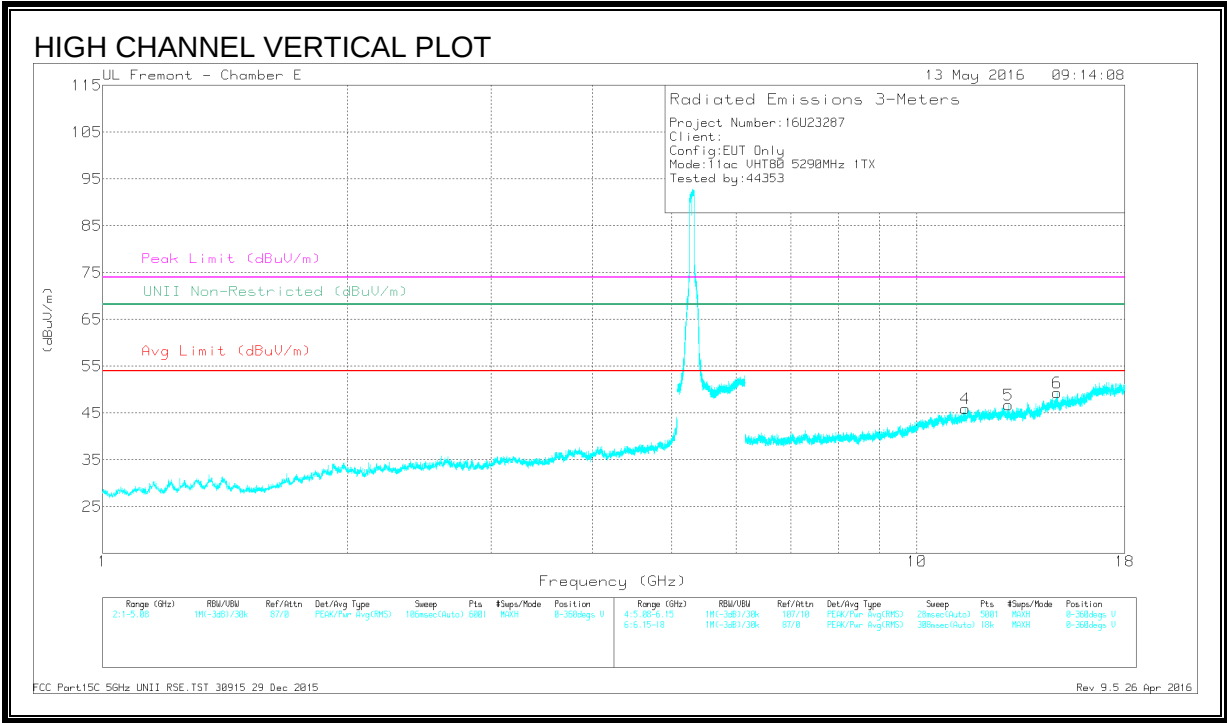
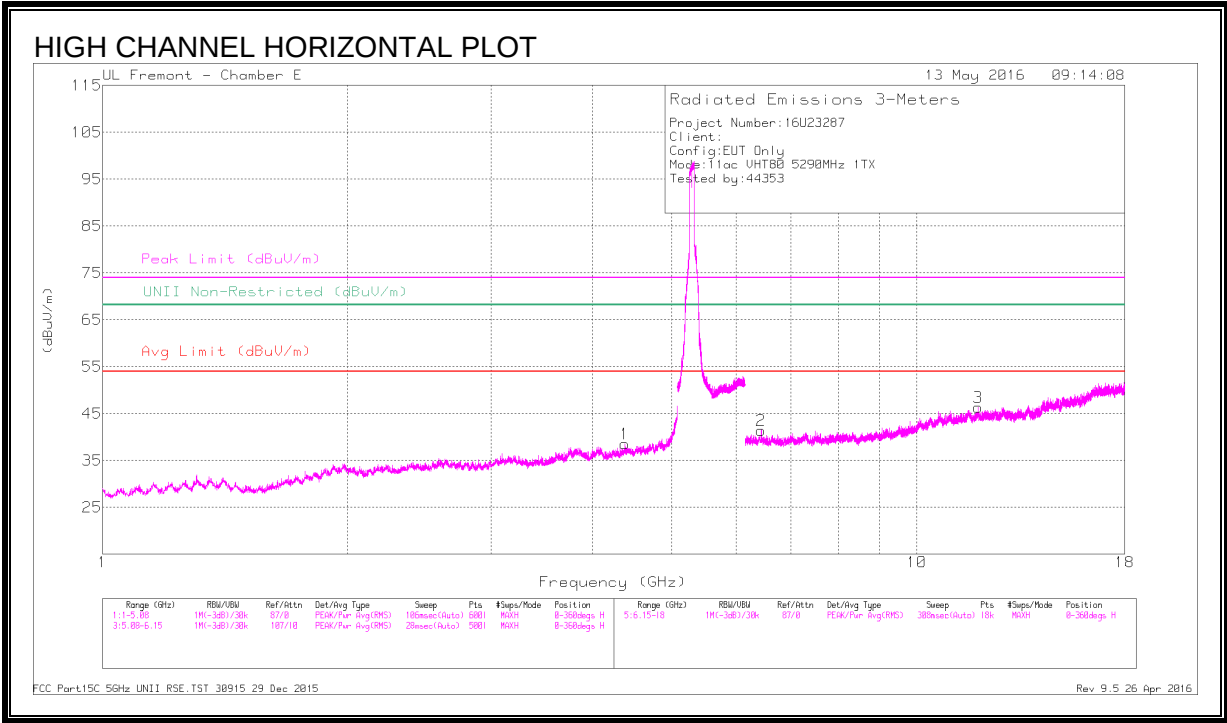
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T112 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.72	Pk	34.3	-18.2	0	56.82	-	-	74	-17.18	8	357	V
3	* 5.35	32.37	RMS	34.3	-18.2	.15	48.62	54	-5.38	-	-	8	357	V
2	* 5.352	45.32	Pk	34.3	-18.2	0	61.42	-	-	74	-12.58	8	357	V
4	* 5.355	33.8	RMS	34.3	-18.3	.15	49.95	54	-4.05	-	-	8	357	V

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

Pk - Peak detector

RMS - RMS detection

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

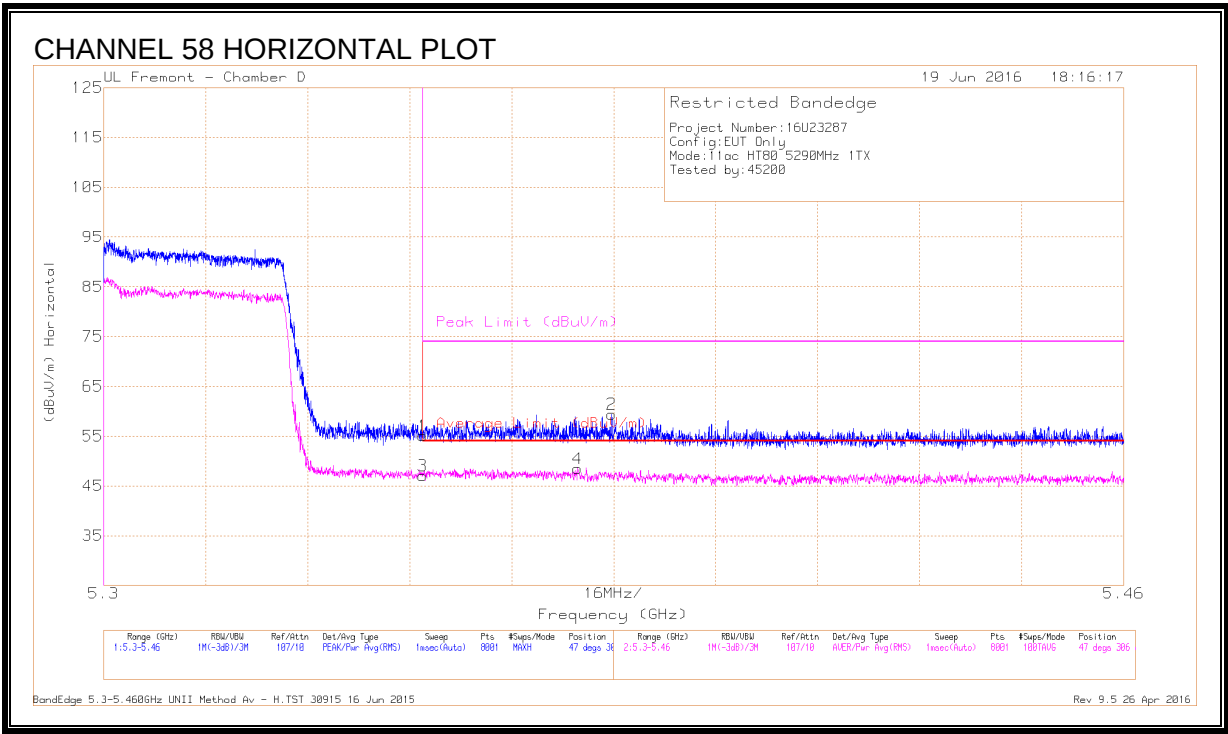
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1	* 4.374	40.79	PK-U	33.7	-29.7	0	44.79	-	-	74	-29.21	-	-	127	324	H
	* 4.378	30.19	ADR	33.7	-29.6	.15	34.44	54	-19.56	-	-	-	-	127	324	H
3	* 11.883	35.88	PK-U	38.8	-23.3	0	51.38	-	-	74	-22.62	-	-	256	130	H
	* 11.88	26.19	ADR	38.8	-23.4	.15	41.74	54	-12.26	-	-	-	-	256	130	H
4	* 11.47	36.05	PK-U	38.3	-23.9	0	50.45	-	-	74	-23.55	-	-	88	192	V
	* 11.47	26.68	ADR	38.3	-23.9	.15	41.23	54	-12.77	-	-	-	-	88	192	V
2	6.434	39.09	PK-U	35.5	-28.2	0	46.39	-	-	-	-	68.2	-21.81	217	199	H
5	12.966	37.95	PK-U	39.1	-24.5	0	52.55	-	-	-	-	68.2	-15.65	131	235	V
6	14.877	36.93	PK-U	40	-22.6	0	54.33	-	-	-	-	68.2	-13.87	250	160	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL, CH 58)



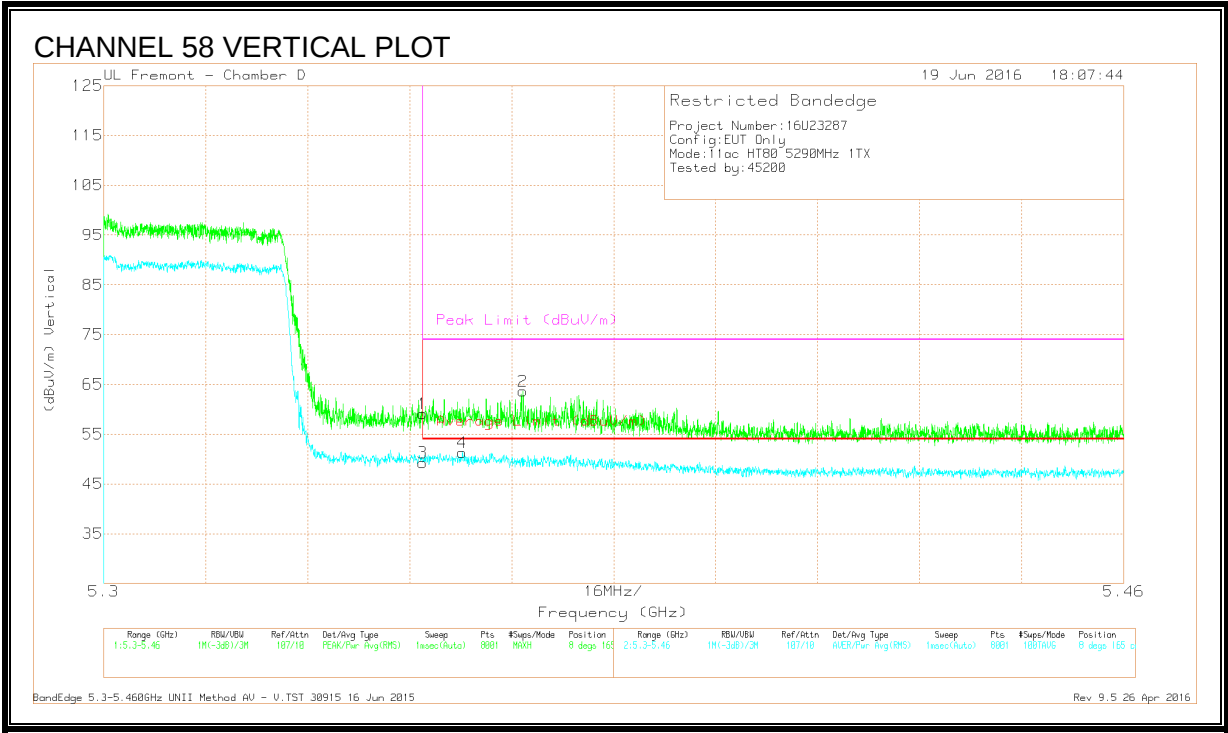
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	38.99	Pk	34.3	-18.2	0	55.09	-	-	74	-18.91	47	306	H
3	* 5.35	30.96	RMS	34.3	-18.2	.15	47.21	54	-6.79	-	-	47	306	H
4	* 5.374	32.38	RMS	34.4	-18.3	.15	48.63	54	-5.37	-	-	47	306	H
2	* 5.38	43.29	Pk	34.4	-18.3	0	59.39	-	-	74	-14.61	47	306	H

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

Pk - Peak detector

RMS - RMS detection



DATA

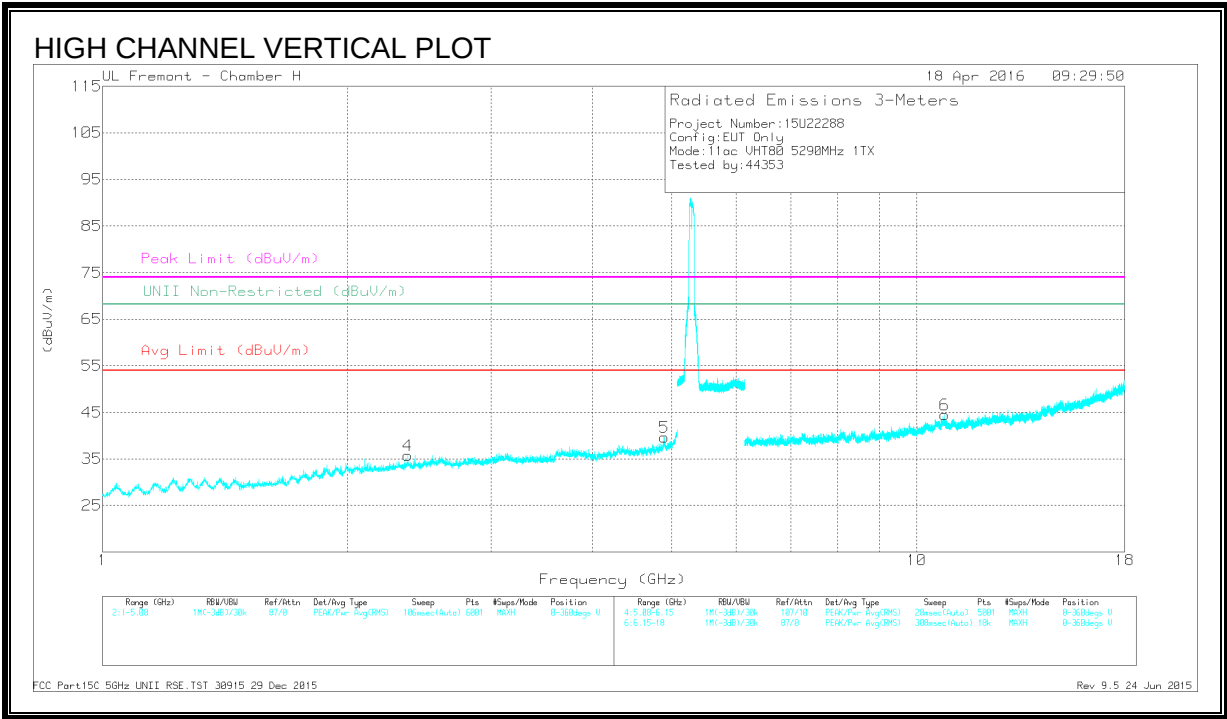
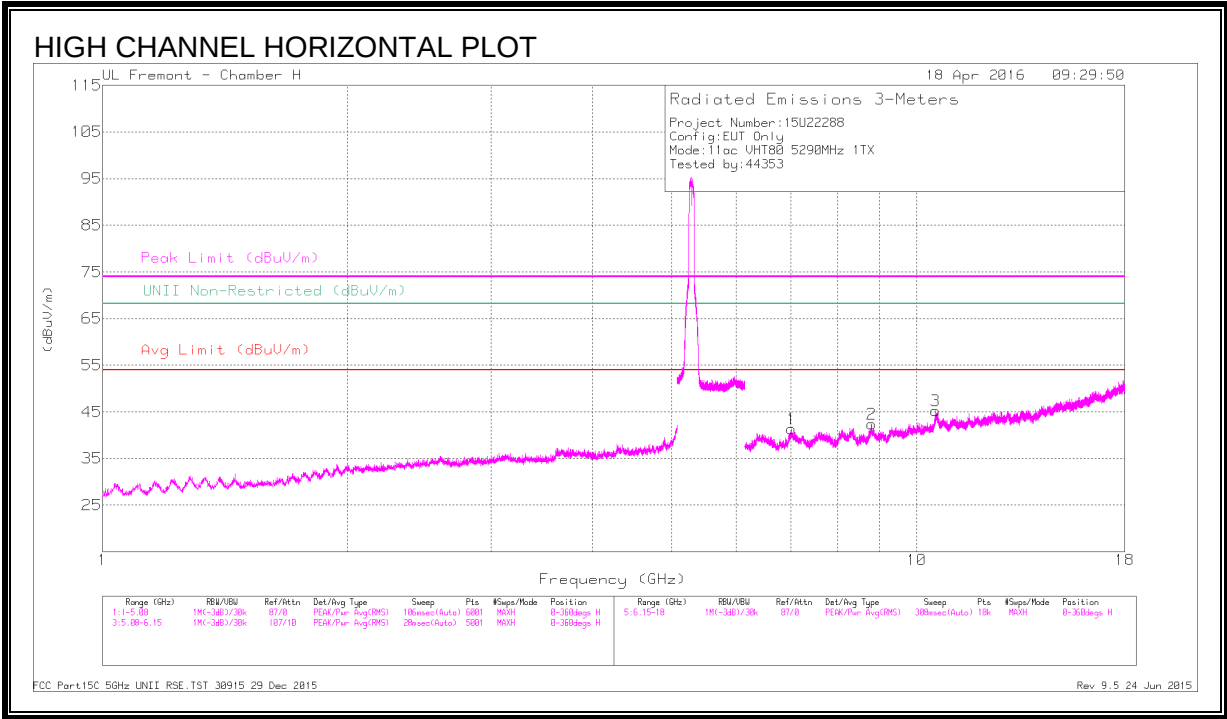
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.02	Pk	34.3	-18.2	0	59.12	-	-	74	-14.88	8	165	V
3	* 5.35	33.17	RMS	34.3	-18.2	.15	49.42	54	-4.58	-	-	8	165	V
4	* 5.356	35.18	RMS	34.4	-18.3	.15	51.43	54	-2.57	-	-	8	165	V
2	* 5.366	47.53	Pk	34.4	-18.3	0	63.63	-	-	74	-10.37	8	165	V

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

Pk - Peak detector

RMS - RMS detection

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
4	* 2.372	41.6	PK-U	32	-31.2	0	42.4	-	-	74	-31.6	-	-	32	172	V
	2.372	29.26	ADR	32	-31.2	.15	30.21	54	-23.79	-	-	-	-	32	172	V
5	* 4.894	39.46	PK-U	34.2	-27	0	46.66	-	-	74	-27.34	-	-	94	201	V
	* 4.896	27.94	ADR	34.2	-27	.15	35.29	54	-18.71	-	-	-	-	94	201	V
6	* 10.816	33.12	PK-U	37.9	-21	0	50.02	-	-	74	-23.98	-	-	133	258	V
	* 10.816	22.3	ADR	37.9	-21	.15	39.35	54	-14.65	-	-	-	-	133	258	V
1	7.012	37.25	PK-U	35.8	-24.9	0	48.15	-	-	-	-	68.2	-20.05	221	166	H
2	8.806	35.52	PK-U	36.1	-23.4	0	48.22	-	-	-	-	68.2	-19.98	164	262	H
3	10.555	37.78	PK-U	37.6	-21.3	0	54.08	-	-	-	-	68.2	-14.12	251	113	H

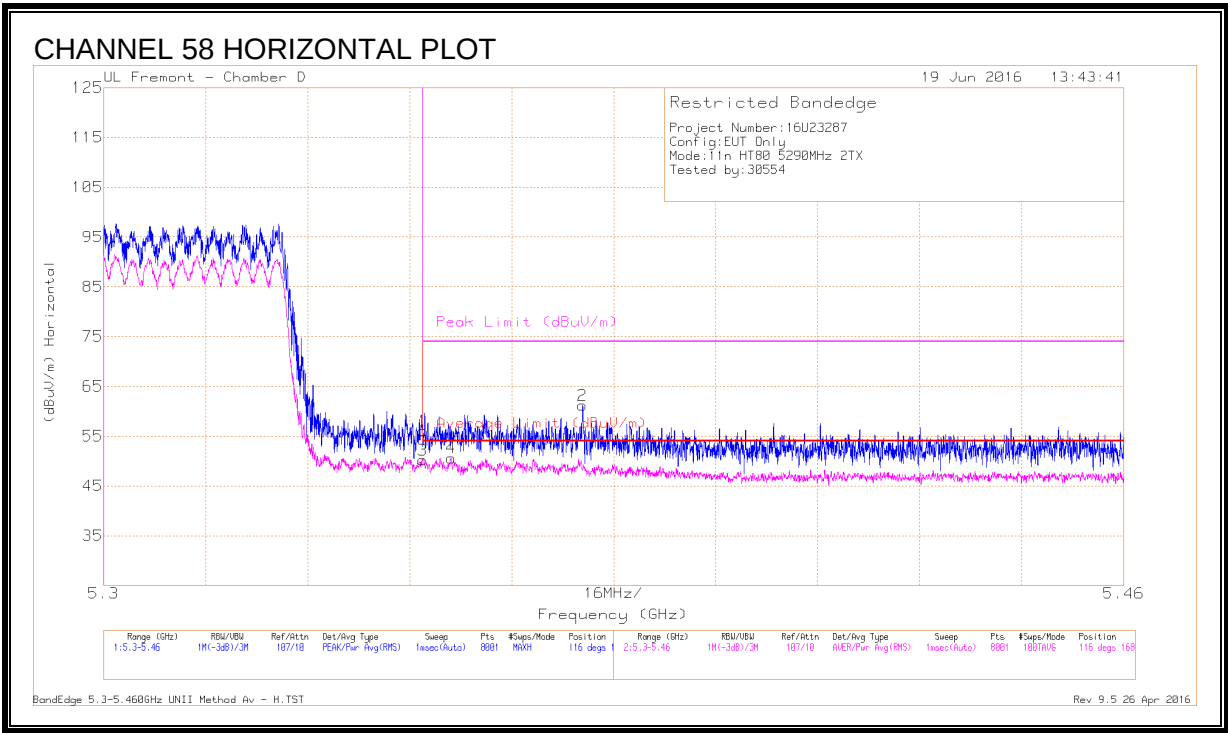
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.13. 802.11ac VHT80 2Tx CDD MODE IN THE 5.3 GHZ BAND

RESTRICTED BANDEDGE (HIGH CHANNEL, CH 58)



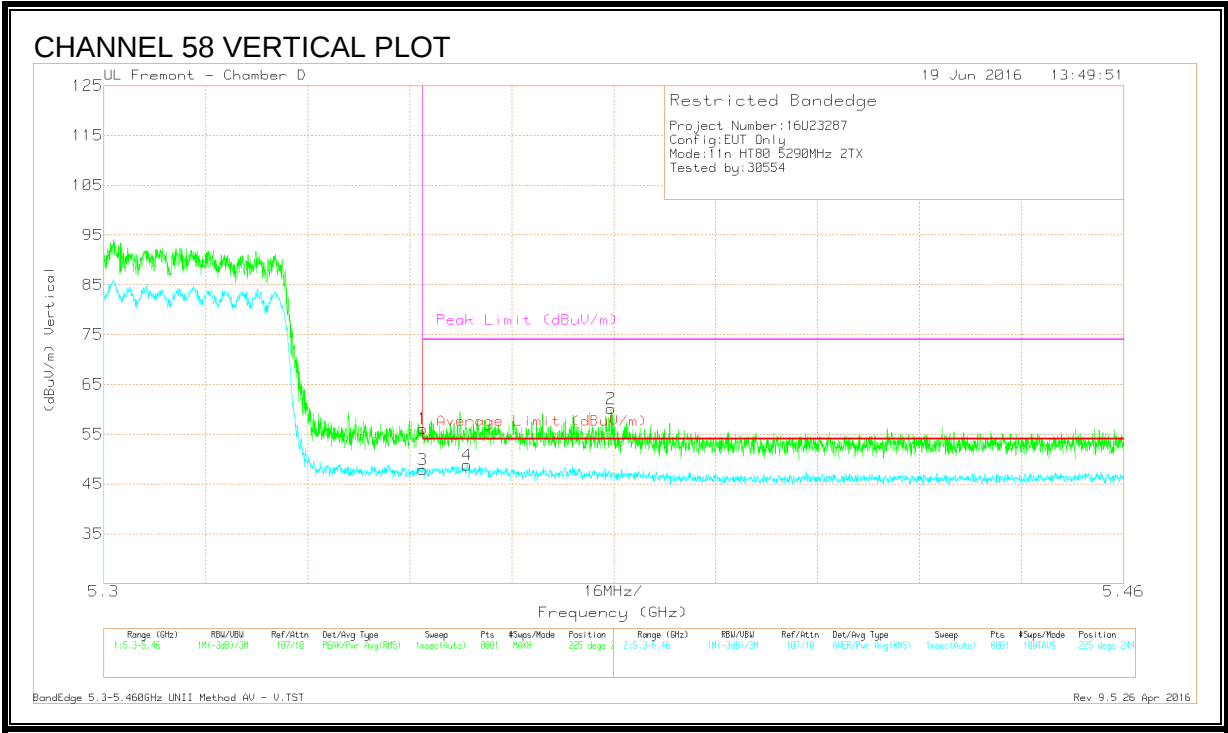
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.98	Pk	34.3	-18.2	0	56.08	-	-	74	-17.92	116	168	H
3	* 5.35	33.9	RMS	34.3	-18.2	.19	50.19	54	-3.81	-	-	116	168	H
4	* 5.355	34.34	RMS	34.3	-18.2	.19	50.63	54	-3.37	-	-	116	168	H
2	* 5.375	45.07	Pk	34.4	-18.3	0	61.17	-	-	74	-12.83	116	168	H

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

Pk - Peak detector

RMS - RMS detection



DATA

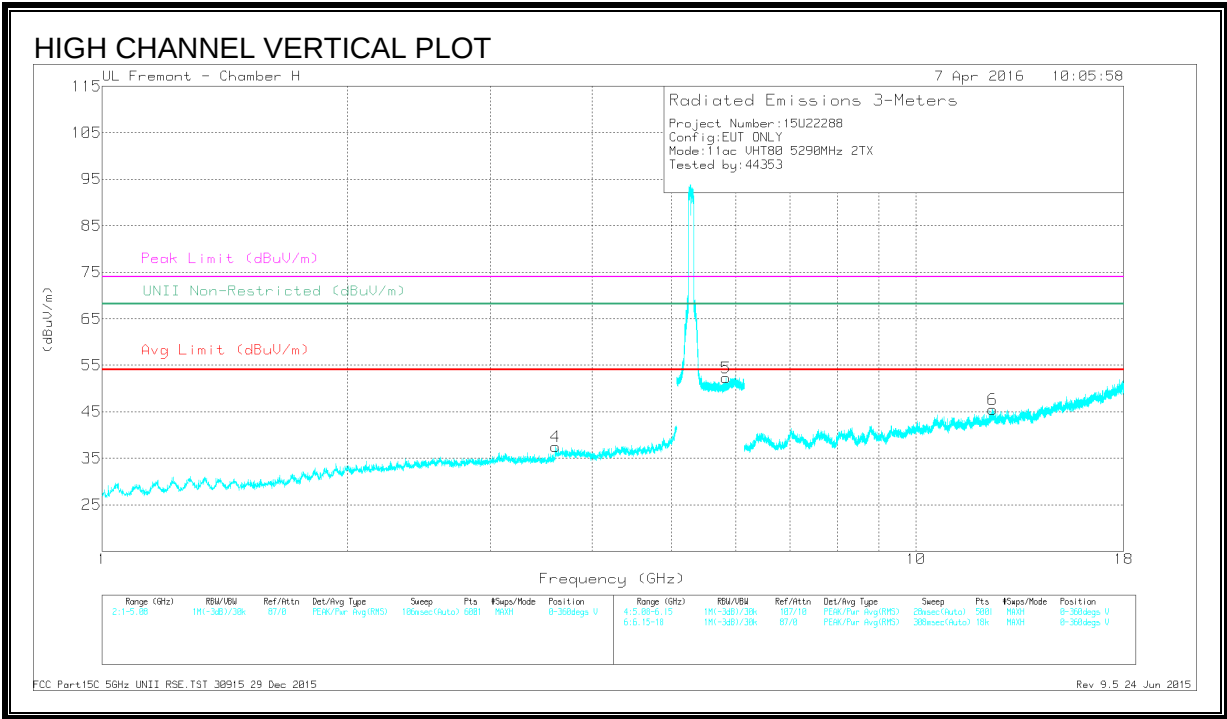
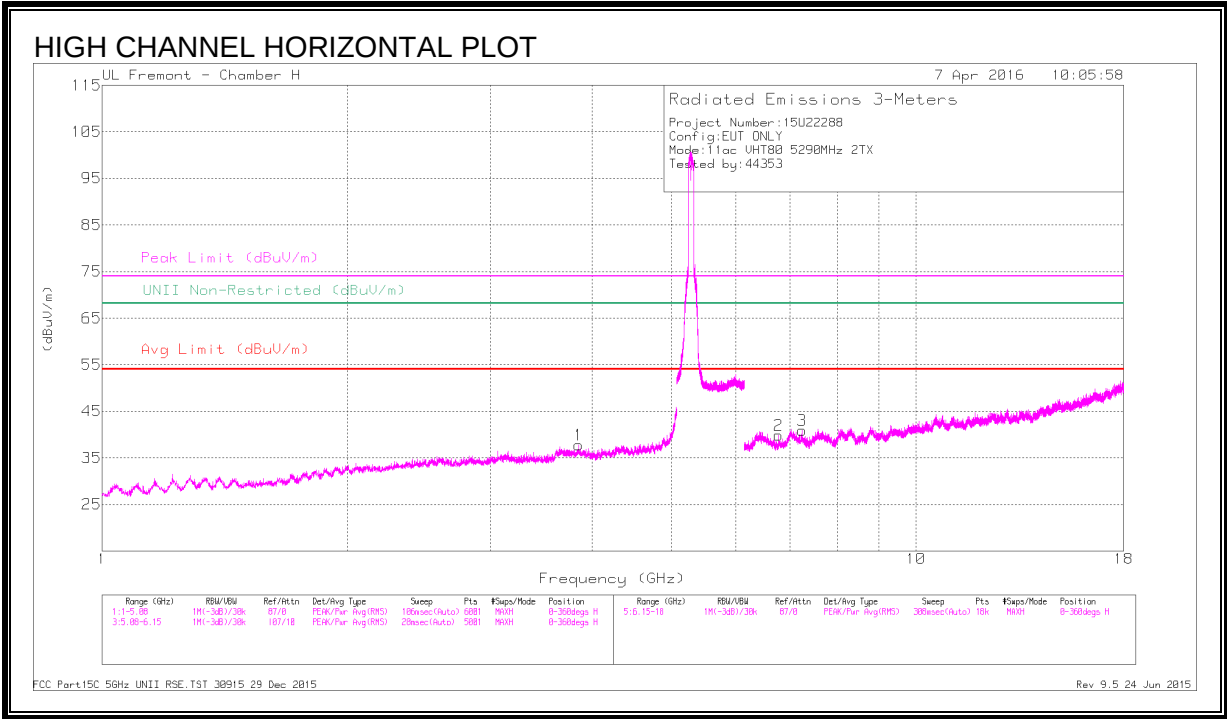
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T112 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40	Pk	34.3	-18.2	0	56.1	-	-	74	-17.9	225	244	V
3	* 5.35	31.58	RMS	34.3	-18.2	.19	47.87	54	-6.13	-	-	225	244	V
4	* 5.357	32.52	RMS	34.4	-18.3	.19	48.81	54	-5.19	-	-	225	244	V
2	* 5.38	44.05	Pk	34.4	-18.3	0	60.15	-	-	74	-13.85	225	244	V

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

Pk - Peak detector

RMS - RMS detection

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	* 3.852	39.37	PK-U	33.5	-28.4	0	44.47	-	-	74	-29.53	-	-	223	195	H
	* 3.851	28.16	ADR	33.5	-28.4	.19	33.45	54	-20.55	-	-	-	-	223	195	H
4	* 3.607	39.12	PK-U	33	-28.7	0	43.42	-	-	74	-30.58	-	-	277	241	V
	* 3.607	27.97	ADR	33	-28.7	.19	32.46	54	-21.54	-	-	-	-	277	241	V
6	* 12.411	34.86	PK-U	39.2	-21.9	0	52.16	-	-	74	-21.84	-	-	346	109	V
	* 12.411	23.46	ADR	39.2	-21.9	.19	40.95	54	-13.05	-	-	-	-	346	109	V
5	5.84	40.37	PK-U	34.9	-16.5	0	58.77	-	-	-	-	68.2	-9.43	83	201	V
2	6.779	36.85	PK-U	35.8	-26	0	46.65	-	-	-	-	68.2	-21.55	117	154	H
3	7.244	35.89	PK-U	35.9	-24.1	0	47.69	-	-	-	-	68.2	-20.51	104	147	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average