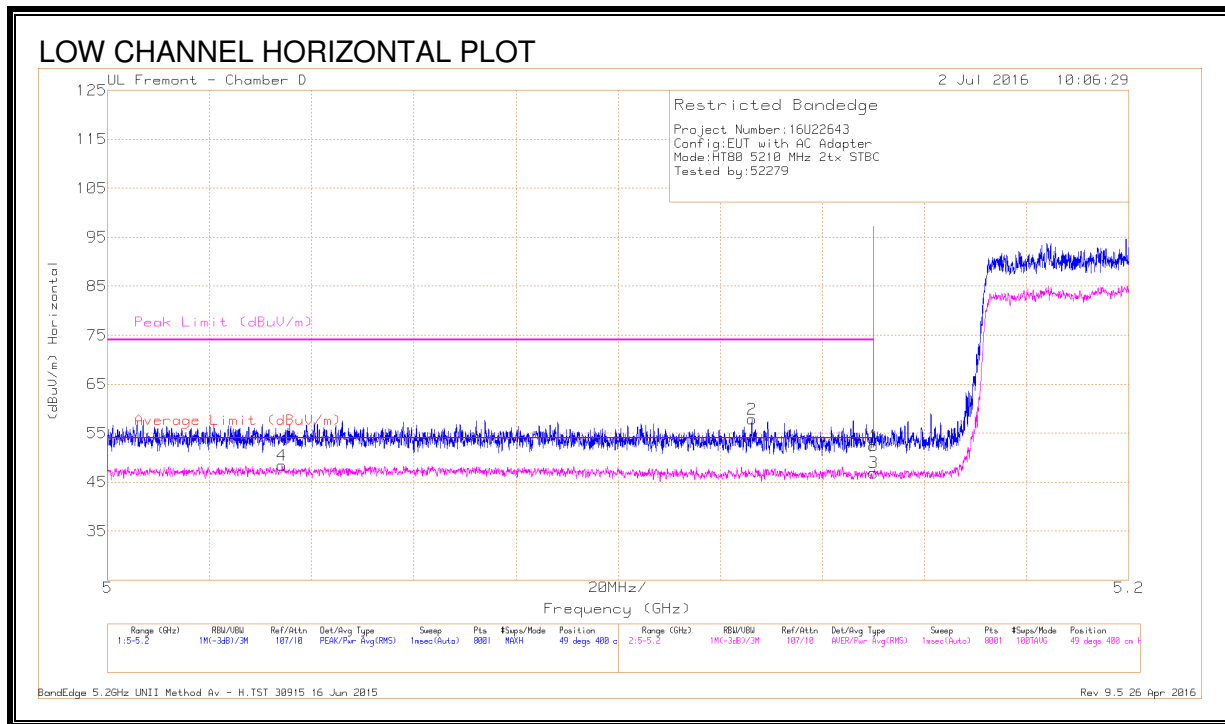


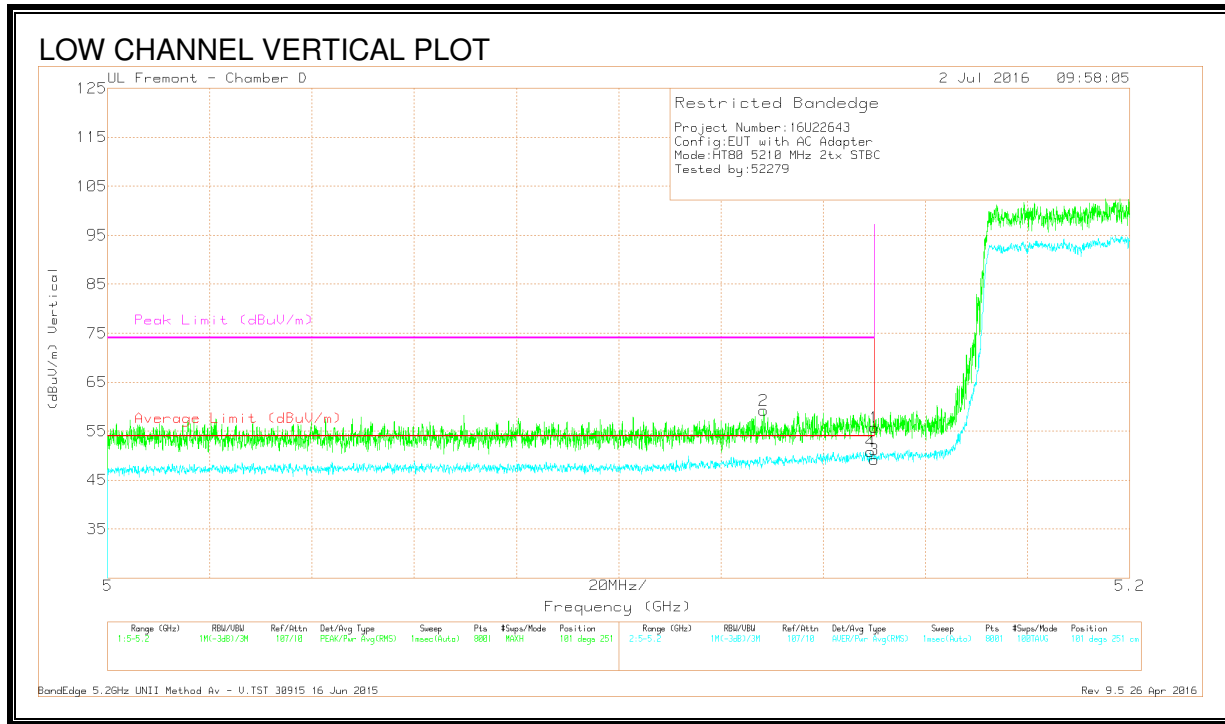
9.12. 802.11ac VHT80 2Tx STBC MODE IN THE 5.2 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL, CH 42)



DATA

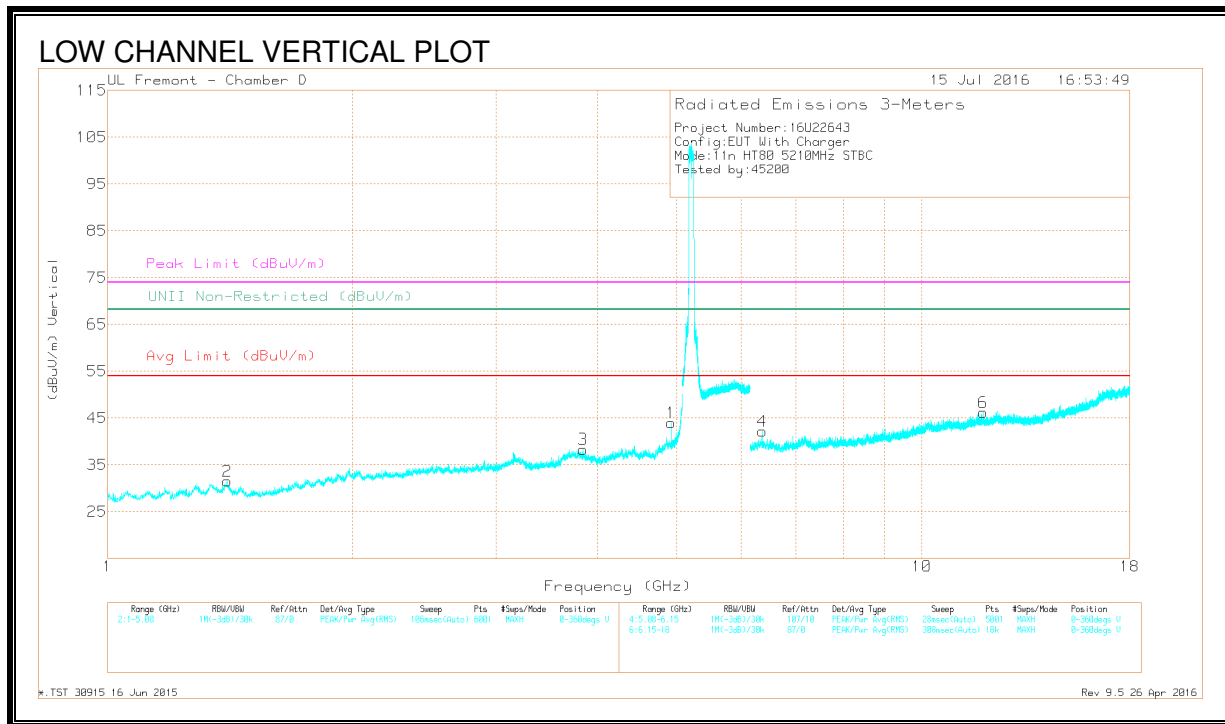
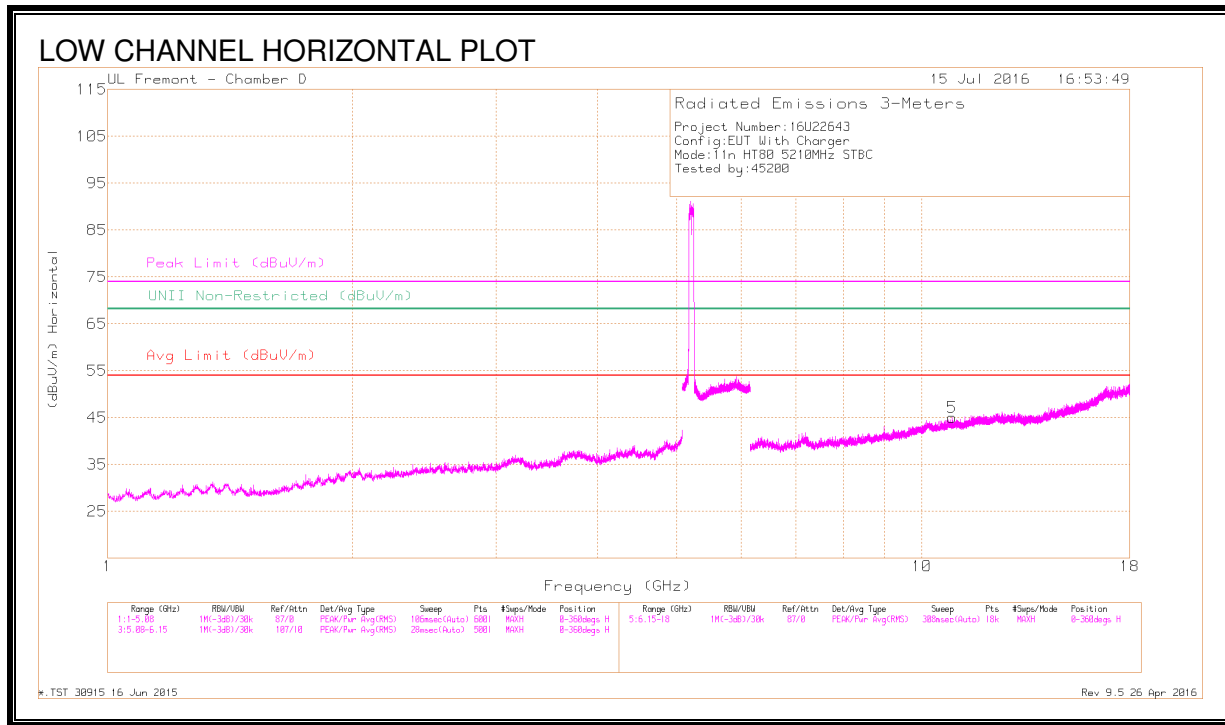
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.126	41.98	Pk	34.1	-18.2	0	57.88	-	-	74	-16.12	49	400	H
4	* 5.034	32.33	RMS	34	-17.9	.21	48.64	54	-5.36	-	-	49	400	H
1	5.15	36.56	Pk	34.1	-18.2	0	52.46	-	-	74	-21.54	49	400	H
3	5.15	30.98	RMS	34.1	-18.2	.21	47.09	54	-6.91	-	-	49	400	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/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
2	* 5.128	43.35	Pk	34.1	-18.2	0	59.25	-	-	74	-14.75	101	251	V
4	* 5.149	34.9	RMS	34.1	-18.2	.21	51.09	54	-2.99	-	-	101	251	V
1	5.15	39.9	Pk	34.1	-18.2	0	55.8	-	-	74	-18.2	101	251	V
3	5.15	33.28	RMS	34.1	-18.2	.21	49.39	54	-4.61	-	-	101	251	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

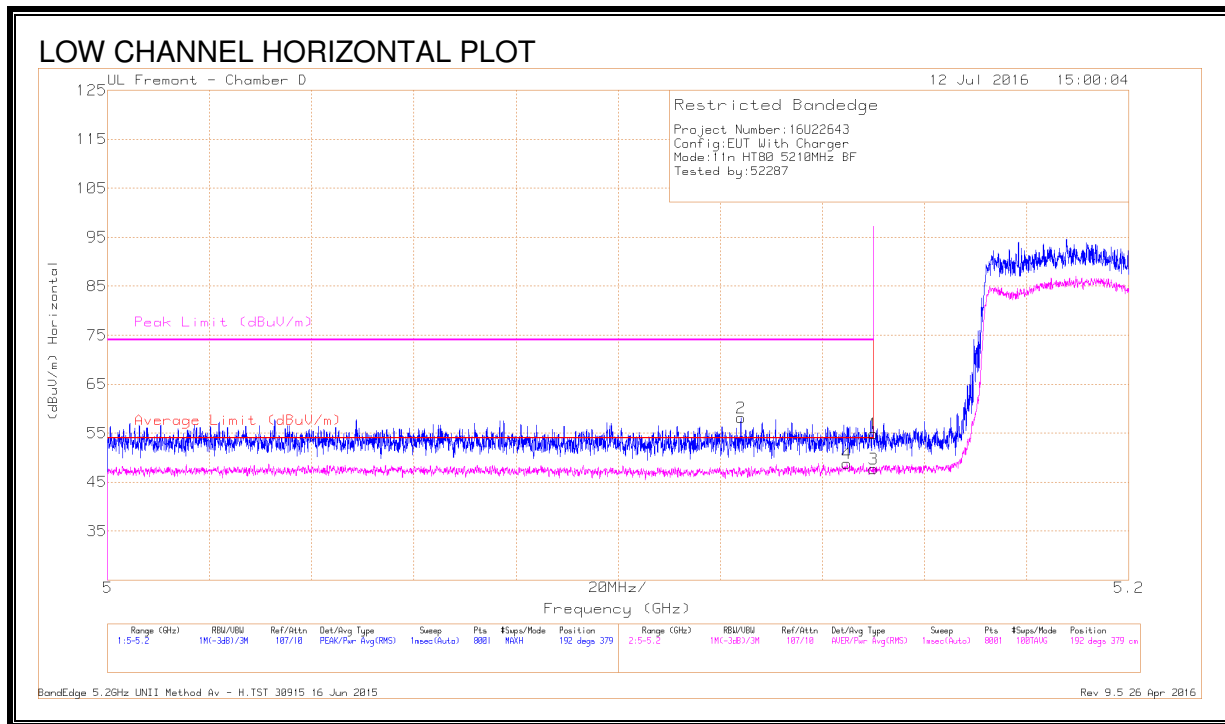
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azi mut h (Degs)	Height (cm)	Polarity
* 4.92	41.17	PK-U	34.1	-26.3	0	48.97	-	-	74	-25.03	-	-	283	225	V
* 4.921	32.08	ADR	34.1	-26.3	.21	40.09	54	-13.91	-	-	-	-	283	225	V
* 1.404	41.34	PK-U	28.9	-31.2	0	39.04	-	-	74	-34.96	-	-	99	312	V
* 1.404	29.33	ADR	28.9	-31.2	.21	27.24	54	-26.76	-	-	-	-	99	312	V
* 3.834	37.6	PK-U	33.5	-28.5	0	42.6	-	-	74	-31.4	-	-	353	302	V
* 3.833	27.26	ADR	33.5	-28.5	.21	32.47	54	-21.53	-	-	-	-	353	302	V
* 10.882	33.52	PK-U	38	-21.1	0	50.42	-	-	74	-23.58	-	-	227	355	H
* 10.884	22.9	ADR	38	-21.1	.21	40.01	54	-13.99	-	-	-	-	227	355	H
* 11.899	34.34	PK-U	38.8	-21.2	0	51.94	-	-	74	-22.06	-	-	183	377	V
* 11.9	23.33	ADR	38.8	-21.2	.21	41.14	54	-12.86	-	-	-	-	183	377	V
6.368	37.93	PK-U	35.7	-25.7	0	47.93	-	-	-	-	68.2	-20.27	260	188	V

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

PK-U - U-NII: Maximum Peak

9.13. 802.11ac VHT80 2Tx BEAM FORMING MODE IN THE 5.2 GHz BAND

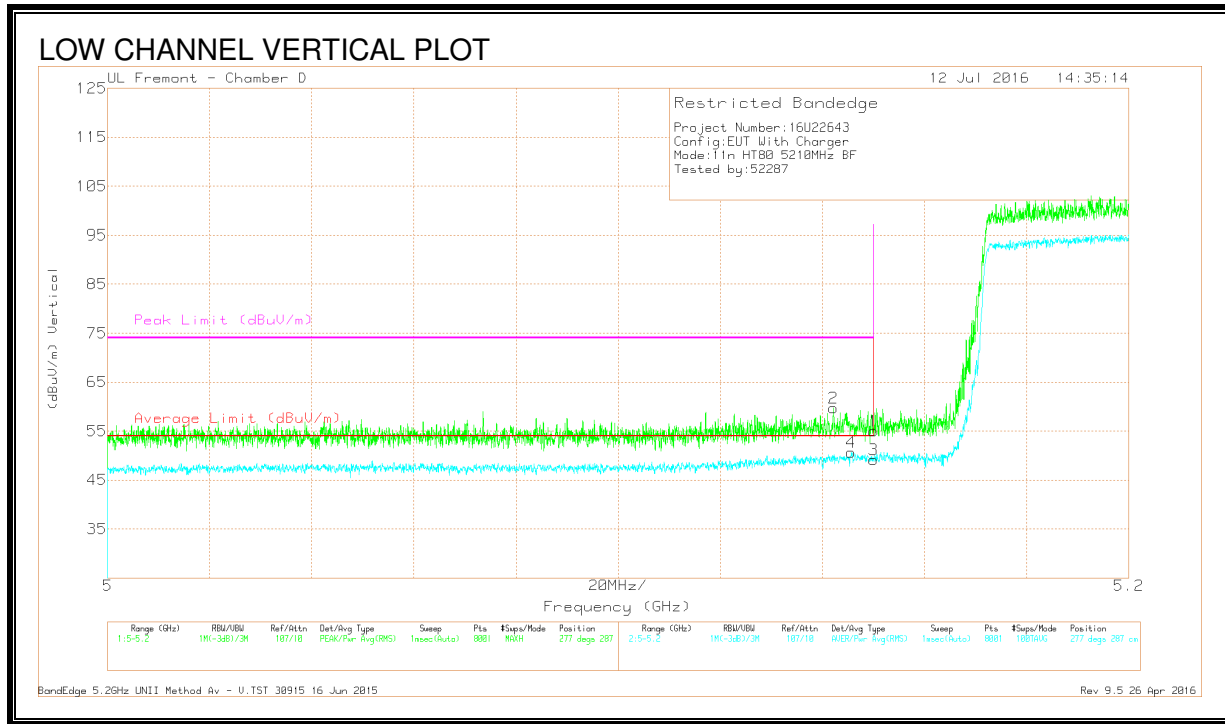
RESTRICTED BANDEDGE (LOW CHANNEL, CH 42)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
2	* 5.124	42.25	Pk	34.1	-18.2	0	58.15	-	-	74	-15.85	192	379	H
4	* 5.145	32.75	RMS	34.1	-18.2	.33	48.98	54	-5.02	-	-	192	379	H
1	5.15	38.99	Pk	34.1	-18.2	0	54.89	-	-	74	-19.11	192	379	H
3	5.15	31.58	RMS	34.1	-18.2	.33	47.81	54	-6.19	-	-	192	379	H

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

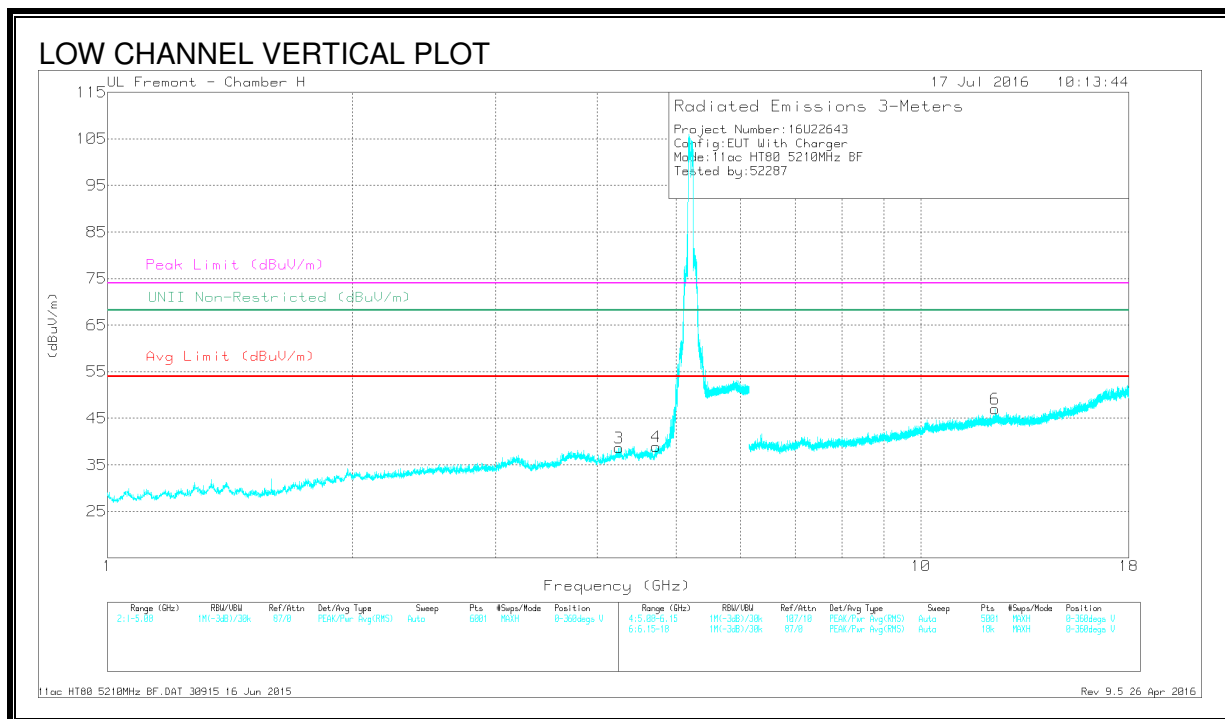
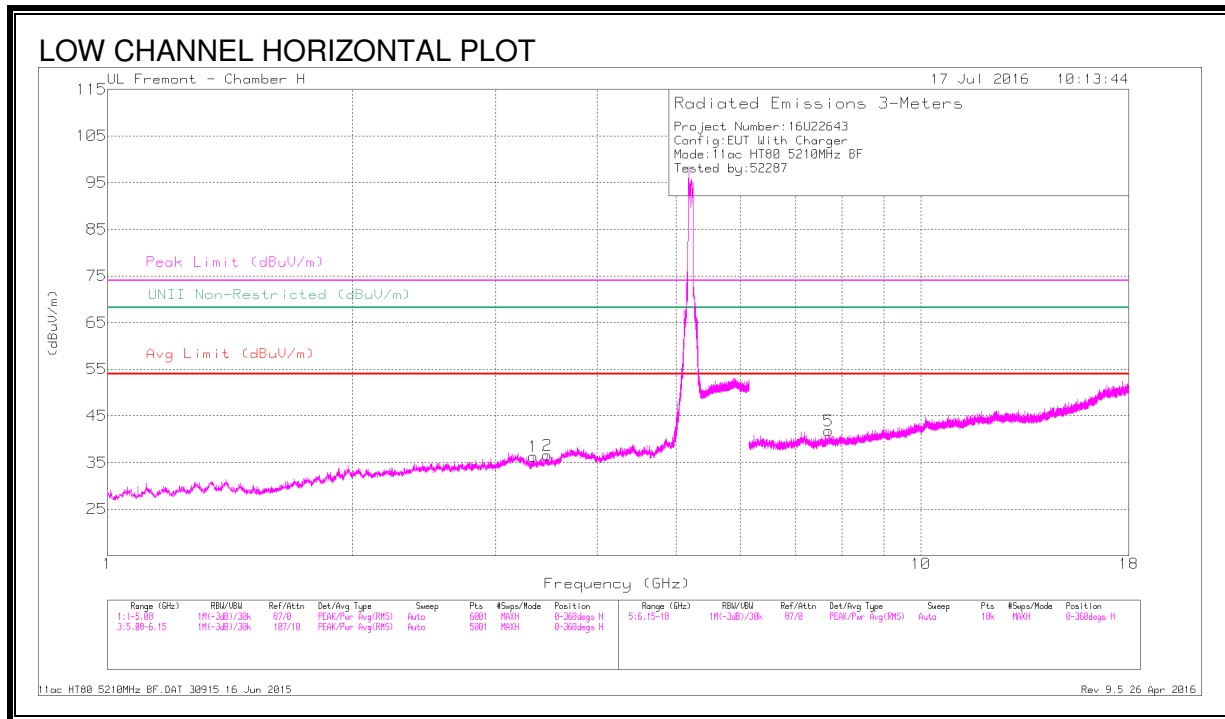


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	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
2	* 5.142	43.87	Pk	34.1	-18.2	0	59.77	-	-	74	-14.23	277	287	V
4	* 5.146	34.63	RMS	34.1	-18.2	.33	50.86	54	-3.14	-	-	277	287	V
1	5.15	39.1	Pk	34.1	-18.2	0	55	-	-	74	-19	277	287	V
3	5.15	33.11	RMS	34.1	-18.2	.33	49.34	54	-4.66	-	-	277	287	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 /Filtr/PA d (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 (Degrees)	Height (cm)	Polarity
1	* 3.339	39.34	PK-U	32.8	-29.4	0	42.74	-	-	74	-31.26	-	-	184	170	H
	* 3.338	27.54	ADR	32.8	-29.4	.33	31.27	54	-22.73	-	-	-	-	184	170	H
3	* 4.253	37.02	PK-U	33.5	-27.4	0	43.12	-	-	74	-30.88	-	-	55	258	V
	* 4.256	26.33	ADR	33.5	-27.4	.33	32.76	54	-21.24	-	-	-	-	55	258	V
4	* 4.721	38.39	PK-U	34	-27.7	0	44.69	-	-	74	-29.31	-	-	208	101	V
	* 4.723	27.79	ADR	34	-27.6	.33	34.52	54	-19.48	-	-	-	-	208	101	V
5	* 7.701	35.6	PK-U	35.8	-24.2	0	47.2	-	-	74	-26.8	-	-	43	334	H
	* 7.703	24.93	ADR	35.8	-24.2	.33	36.86	54	-17.14	-	-	-	-	43	334	H
6	* 12.319	34.11	PK-U	39	-21.1	0	52.01	-	-	74	-21.99	-	-	141	211	V
	* 12.317	23.44	ADR	39	-21.2	.33	41.57	54	-12.43	-	-	-	-	141	211	V
2	3.472	27.21	ADR	33	-28.6	0	31.79	-	-	-	-	-	-	272	398	H
	3.473	38.37	PK-U	33	-28.6	0	42.77	-	-	-	-	68.2	-25.43	272	398	H

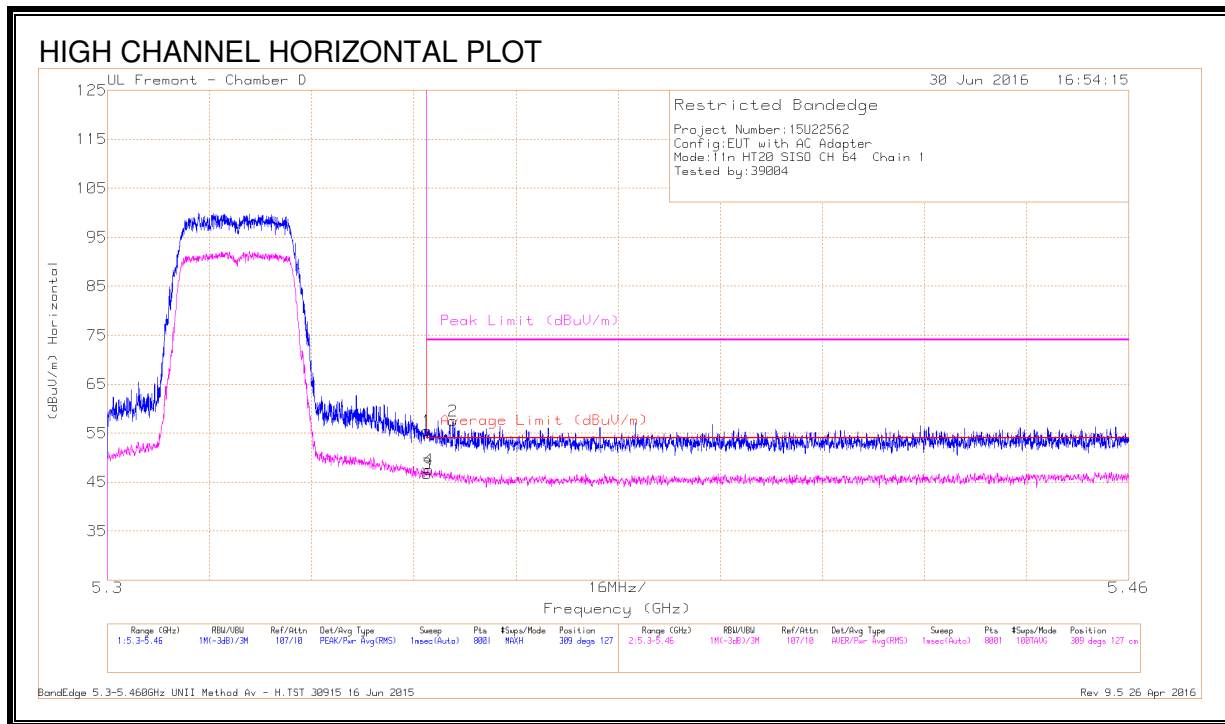
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.14. 802.11n HT20 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



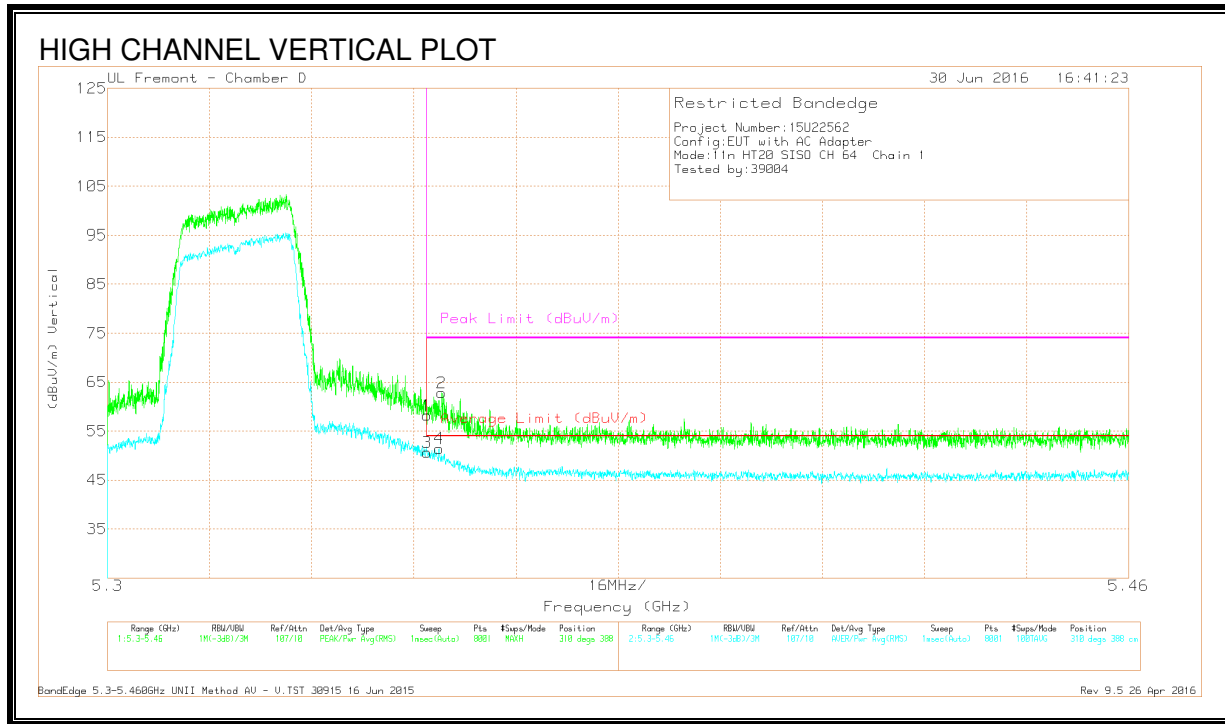
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 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 (Degrees)	Height (cm)	Polarity
1	* 5.35	39.44	Pk	34.3	-18.2	55.54	-	-	74	-18.46	309	127	H
3	* 5.35	30.59	RMS	34.3	-18.2	46.69	54	-7.31	-	-	309	127	H
4	* 5.35	31.49	RMS	34.3	-18.2	47.59	54	-6.41	-	-	309	127	H
2	* 5.354	41.44	Pk	34.3	-18.2	57.54	-	-	74	-16.46	309	127	H

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

Pk - Peak detector

RMS - RMS detection



DATA

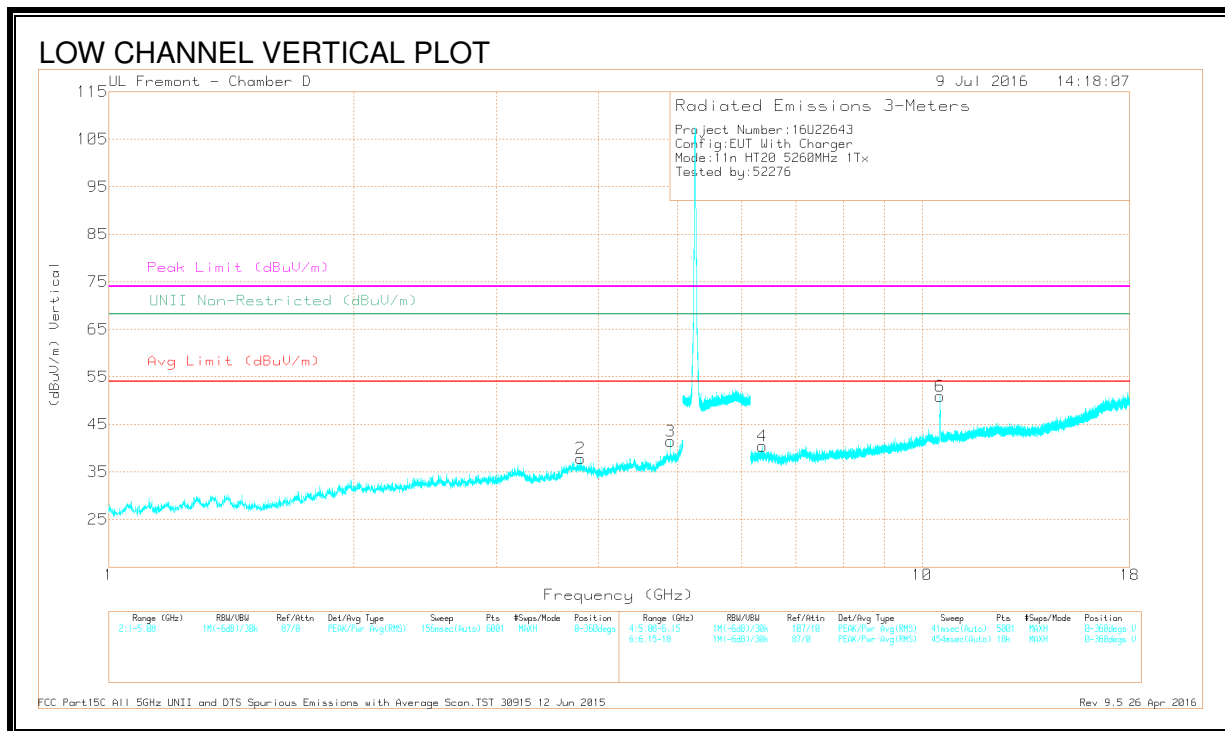
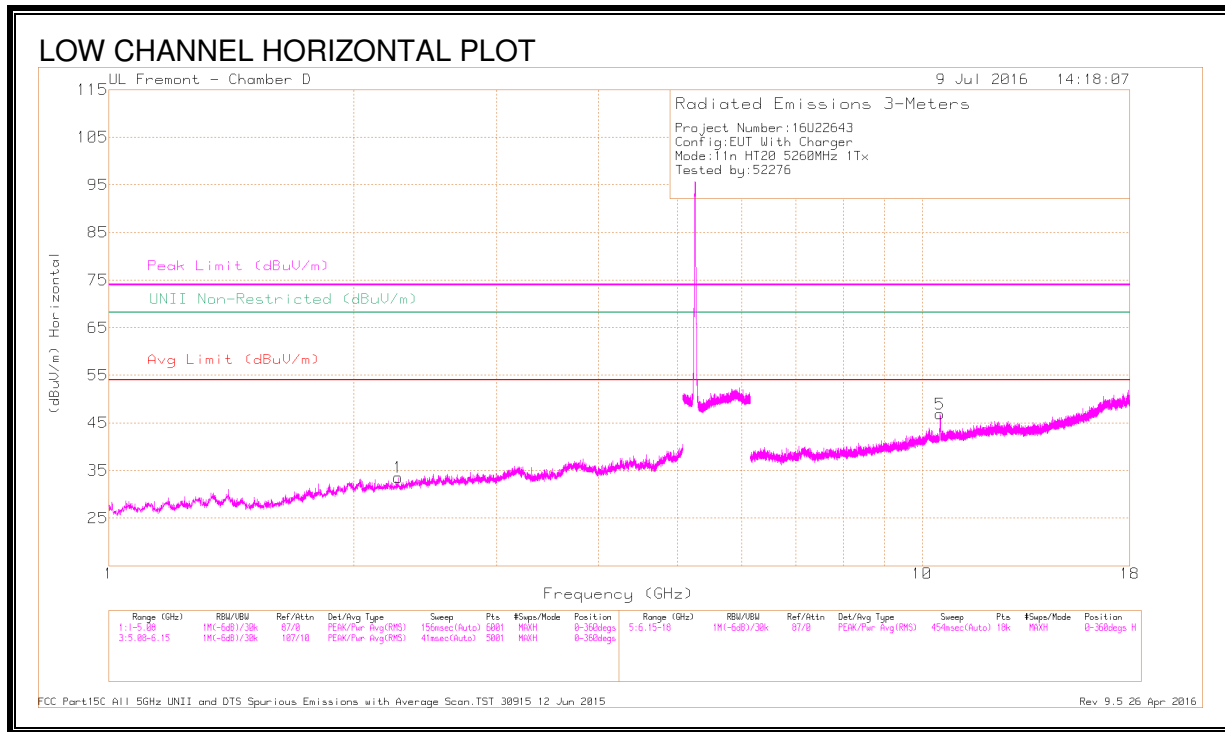
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	42.15	Pk	34.3	-18.2	58.25	-	-	74	-15.75	310	388	V
3	* 5.35	34.59	RMS	34.3	-18.2	50.69	54	-3.31	-	-	310	388	V
2	* 5.352	46.71	Pk	34.3	-18.2	62.81	-	-	74	-11.19	310	388	V
4	* 5.352	35.37	RMS	34.3	-18.2	51.47	54	-2.53	-	-	310	388	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

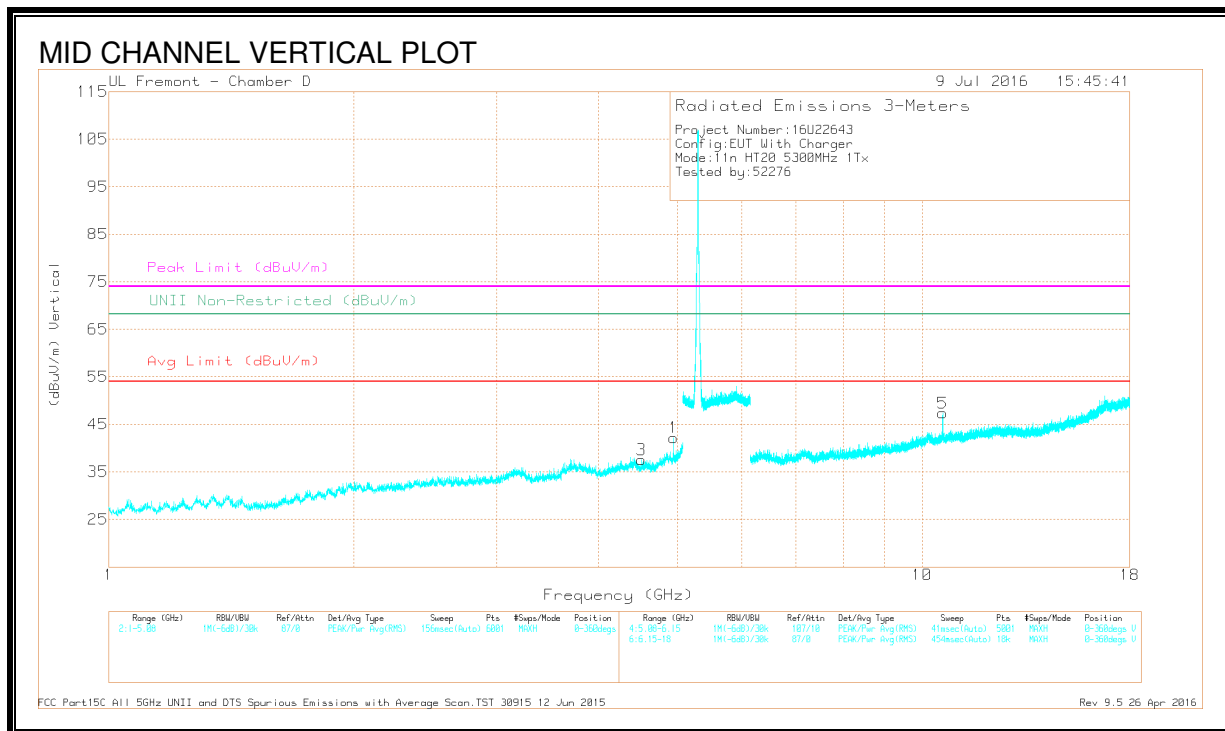
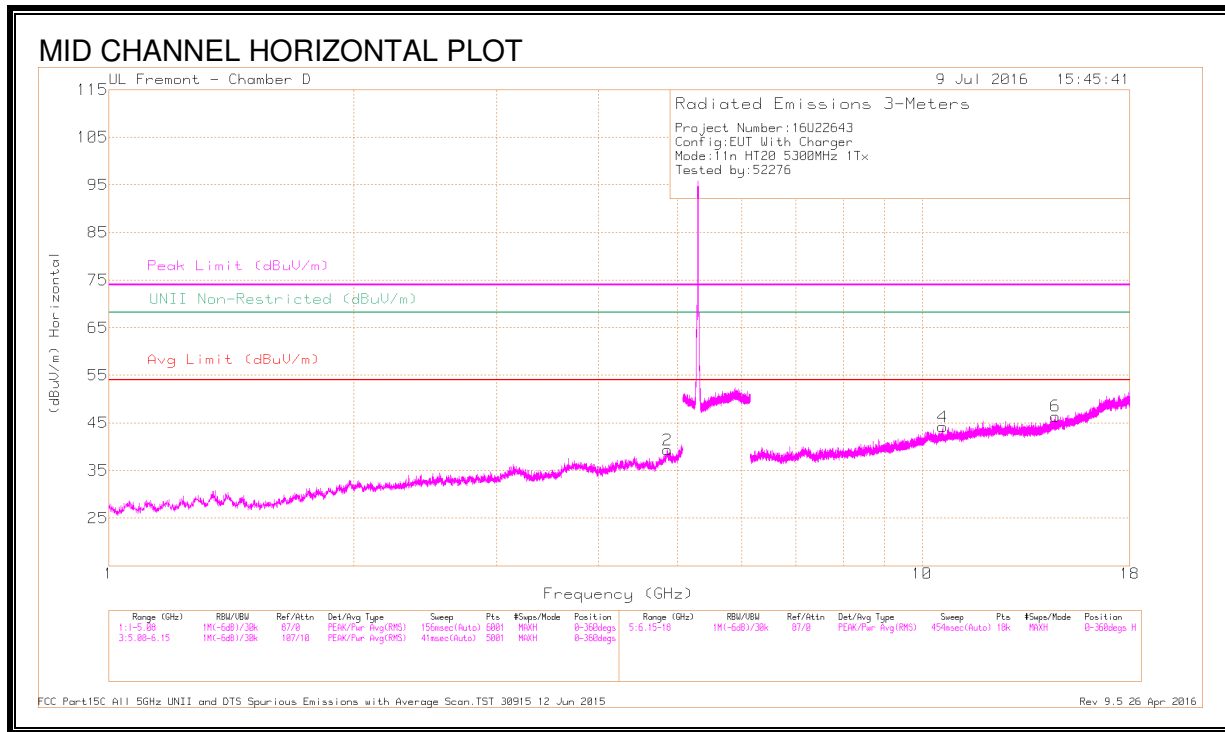
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.27	37.96	PK-U	31.5	-30.6	38.86	-	-	74	-35.14	-	-	330	134	H
	* 2.271	27.06	ADR	31.4	-30.6	27.86	54	-26.14	-	-	-	-	330	134	H
2	* 3.804	36.8	PK-U	33.6	-28.4	42	-	-	74	-32	-	-	24	246	V
	* 3.804	26.33	ADR	33.6	-28.4	31.53	54	-22.47	-	-	-	-	24	246	V
3	* 4.91	37.93	PK-U	34.1	-25.9	46.13	-	-	74	-27.87	-	-	293	203	V
	* 4.909	30.13	ADR	34.1	-25.9	38.33	54	-15.67	-	-	-	-	293	203	V
4	6.358	34.74	PK-U	35.7	-25.5	44.94	-	-	-	-	68.2	-23.26	301	130	V
6	10.521	41.87	PK-U	37.7	-21.2	58.37	-	-	-	-	68.2	-9.83	37	101	V
5	10.527	36.96	PK-U	37.7	-21.1	53.56	-	-	-	-	68.2	-14.64	190	294	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 HARMONICS AND SPURIOUS EMISSIONS



DATA

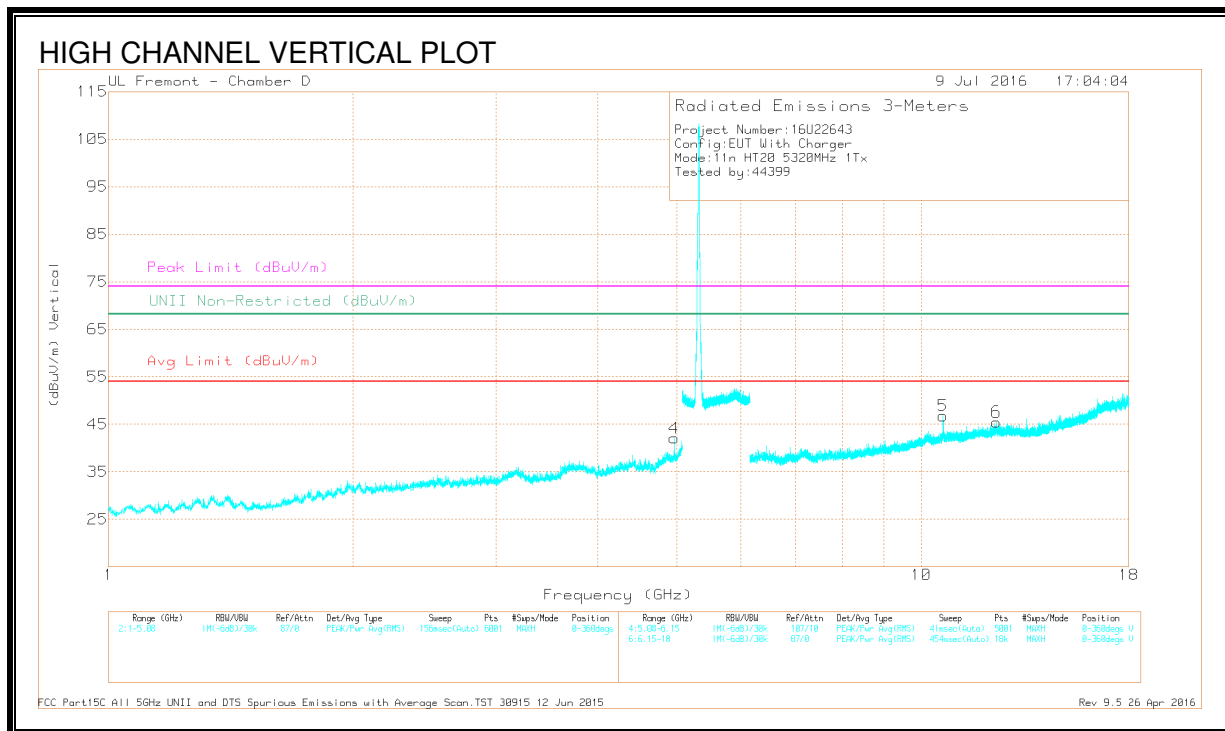
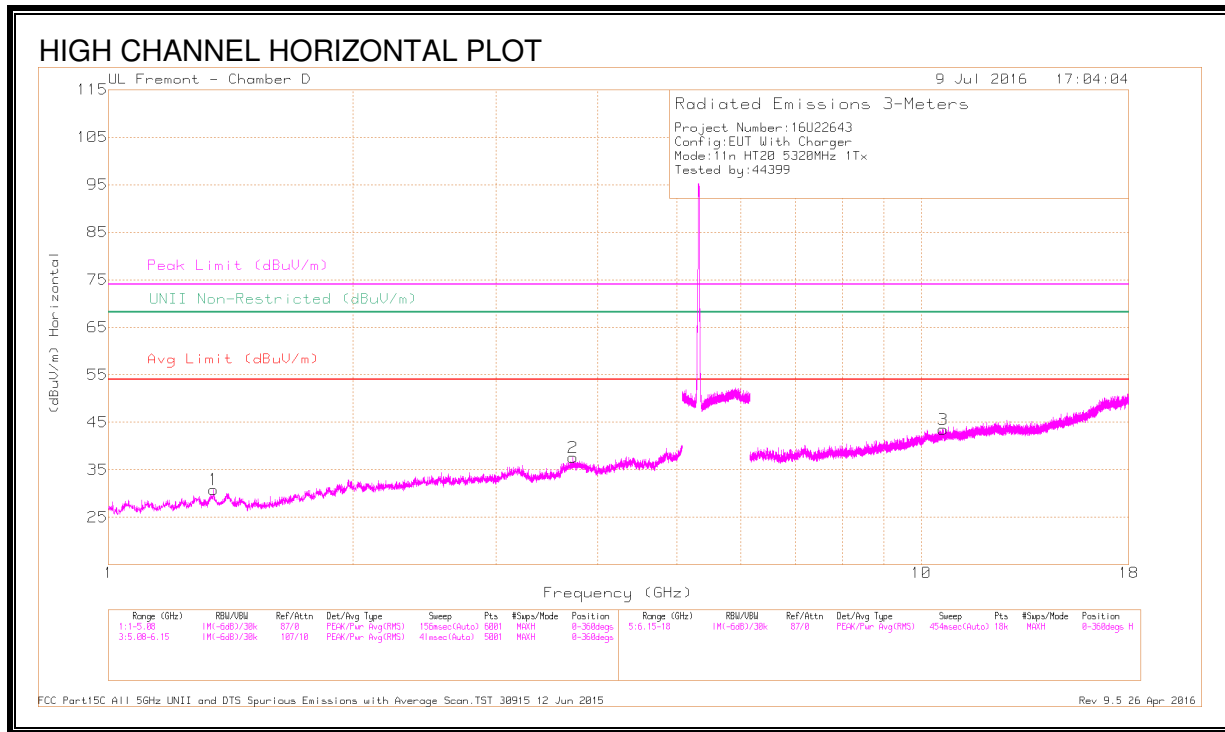
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 4.867	34.62	PK-U	34.1	-25.2	43.52	-	-	74	-30.48	-	-	288	345	H
	* 4.864	24.97	ADR	34.1	-25.2	33.87	54	-20.13	-	-	-	-	288	345	H
3	* 4.947	41.54	PK-U	34.1	-26.5	49.14	-	-	74	-24.86	-	-	276	255	V
	* 4.947	34.58	ADR	34.1	-26.5	42.18	54	-11.82	-	-	-	-	276	255	V
1	* 4.519	35.78	PK-U	34	-28.1	41.68	-	-	74	-32.32	-	-	156	135	V
	* 4.517	25.62	ADR	34	-28.1	31.52	54	-22.48	-	-	-	-	156	135	V
4	* 10.601	33.62	PK-U	37.8	-21	50.42	-	-	74	-23.58	-	-	20	245	H
	* 10.601	22.75	ADR	37.8	-21	39.55	54	-14.45	-	-	-	-	20	245	H
5	* 11.761	31.46	PK-U	38.7	-21	49.16	-	-	74	-24.84	-	-	213	211	V
	* 11.47	21.7	ADR	38.4	-21.3	38.8	54	-15.2	-	-	-	-	213	211	V
6	14.583	33.78	PK-U	39.6	-22.5	50.88	-	-	-	-	68.2	-17.32	42	330	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

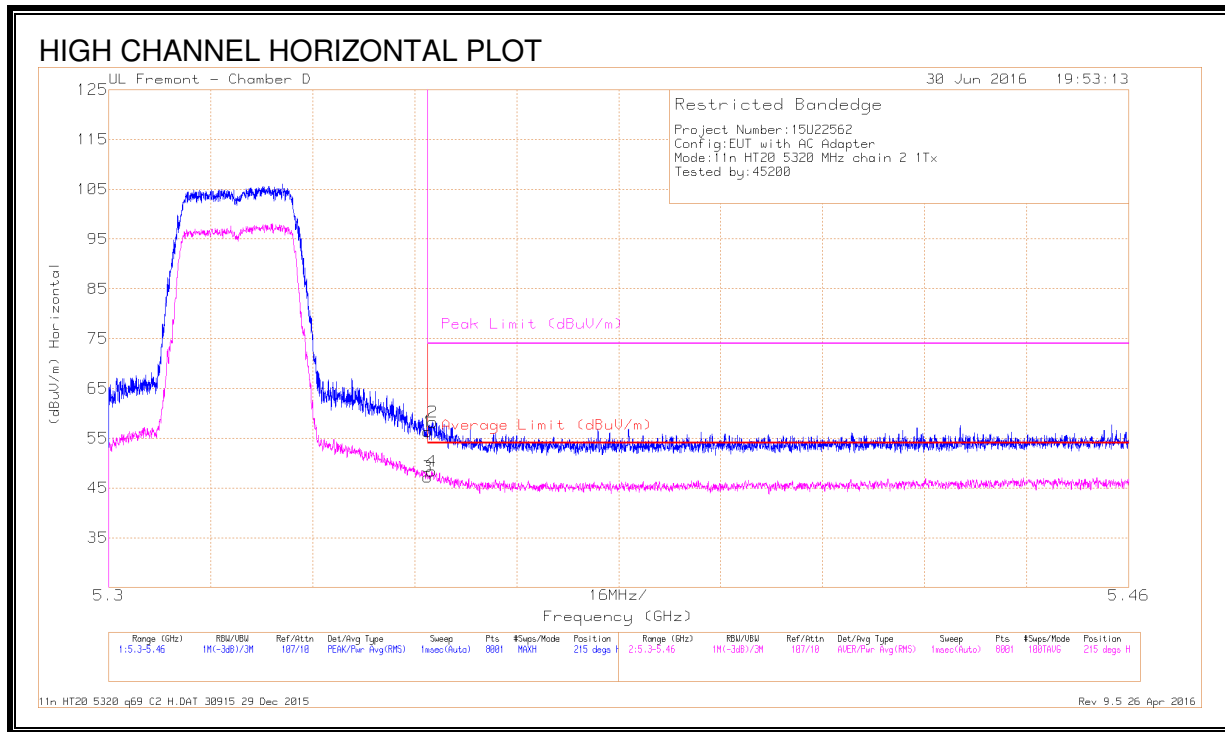
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 1.347	39	PK-U	28.9	-31.3	36.6	-	-	74	-37.4	-	-	294	295	H
	* 1.346	28.34	ADR	28.9	-31.3	25.94	54	-28.06	-	-	-	-	294	295	H
2	* 3.726	36.38	PK-U	33.5	-28.9	40.98	-	-	74	-33.02	-	-	306	232	H
	* 3.726	26.53	ADR	33.5	-28.9	31.13	54	-22.87	-	-	-	-	306	232	H
4	* 4.965	41.15	PK-U	34.1	-26.6	48.65	-	-	74	-25.35	-	-	277	254	V
	* 4.965	34.67	ADR	34.1	-26.6	42.17	54	-11.83	-	-	-	-	277	254	V
3	* 10.636	35.71	PK-U	37.8	-21.5	52.01	-	-	74	-21.99	-	-	196	292	H
	* 10.64	25.09	ADR	37.8	-21.5	41.39	54	-12.61	-	-	-	-	196	292	H
5	* 10.639	36.9	PK-U	37.8	-21.5	53.2	-	-	74	-20.8	-	-	33	107	V
	* 10.639	25.71	ADR	37.8	-21.5	42.01	54	-11.99	-	-	-	-	33	107	V
6	* 12.378	32.05	PK-U	39	-20.8	50.25	-	-	74	-23.75	-	-	184	140	V
	* 12.374	21.83	ADR	39	-20.8	40.03	54	-13.97	-	-	-	-	184	140	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 BANDEGE, CHAIN 1 (HIGH CHANNEL)

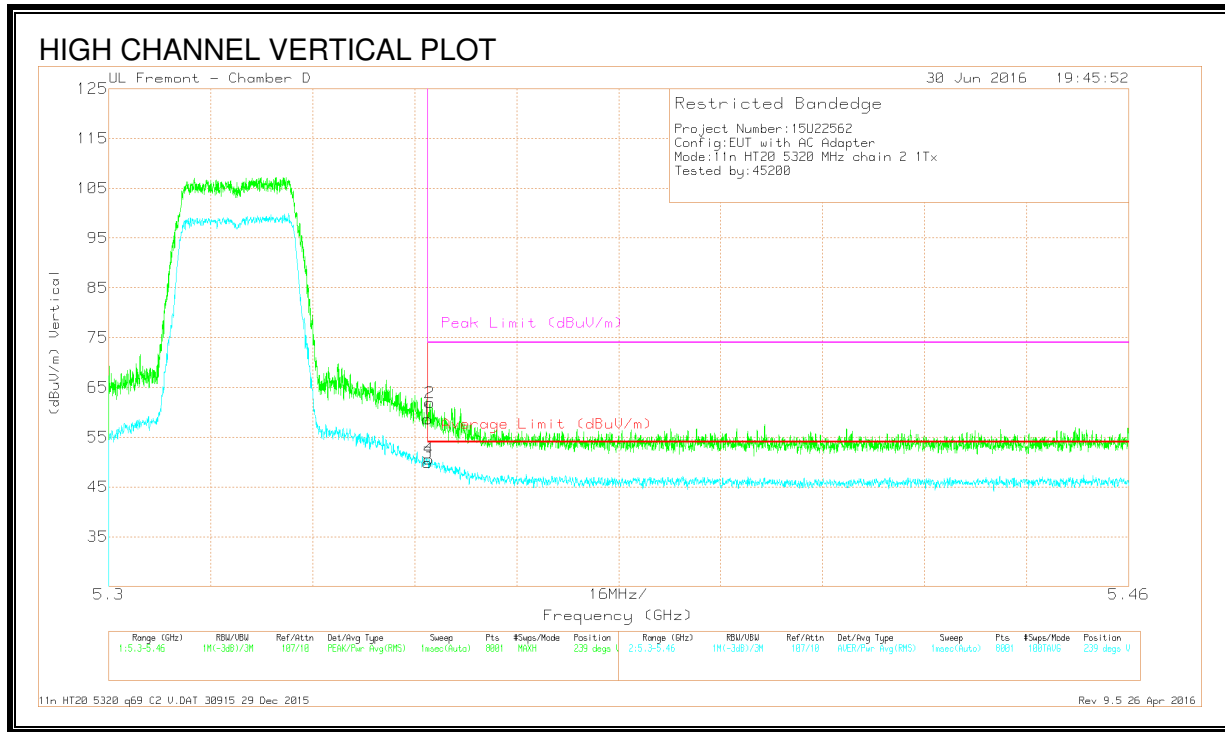


DATA

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 (Degrees)	Height (cm)	Polarity
1	* 5.35	40.23	Pk	34.3	-18.2	56.33	-	-	74	-17.67	215	386	H
3	* 5.35	31.11	RMS	34.3	-18.2	47.21	54	-6.79	-	-	215	386	H
2	* 5.351	42.13	Pk	34.3	-18.2	58.23	-	-	74	-15.77	215	386	H
4	* 5.351	32.25	RMS	34.3	-18.2	48.35	54	-5.65	-	-	215	386	H

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

Pk - Peak detector
 RMS - RMS detection



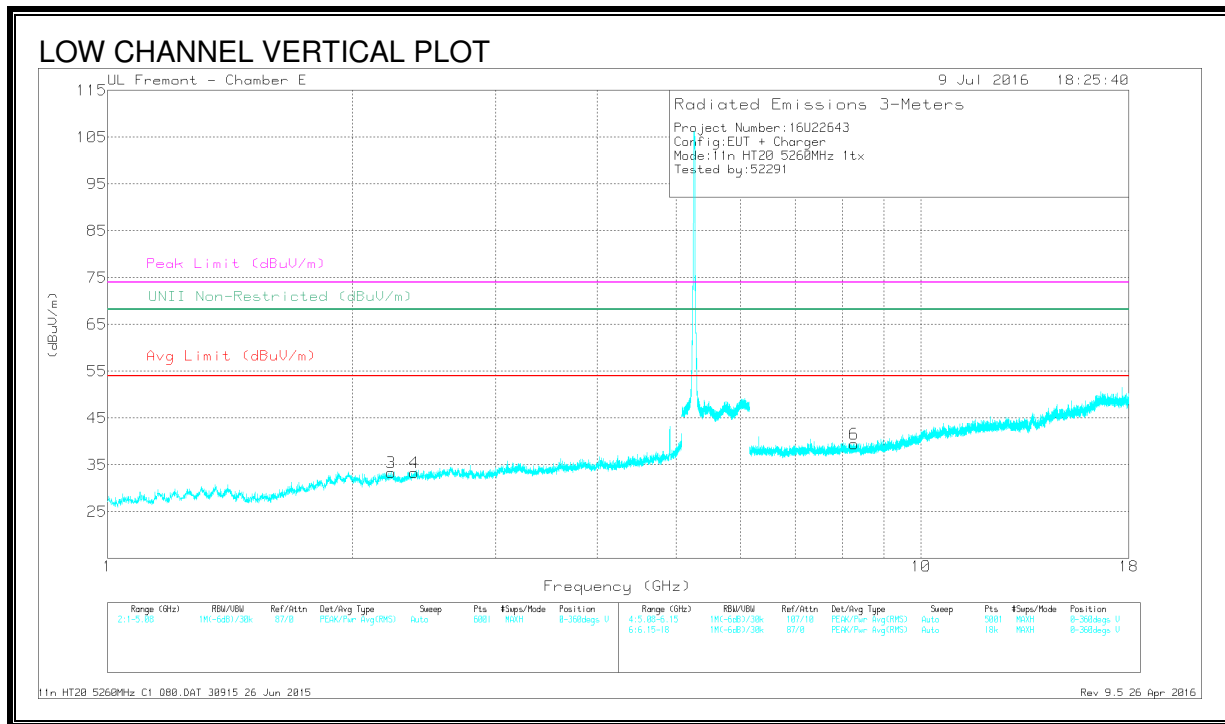
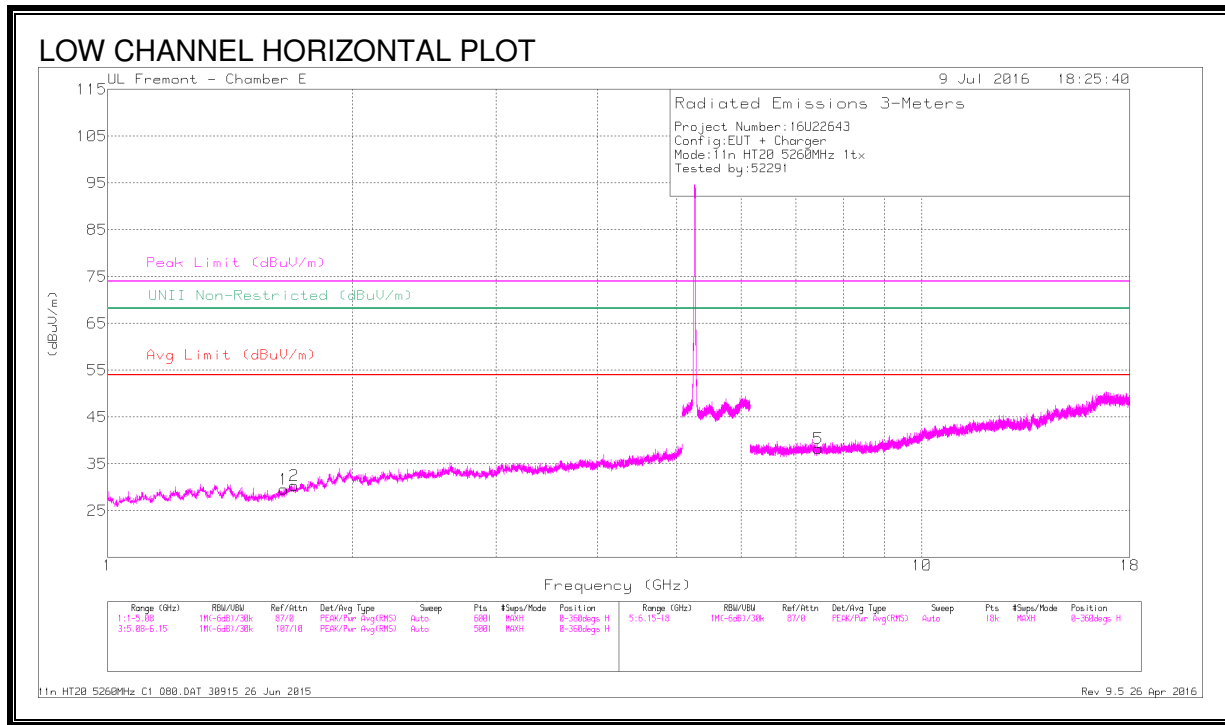
DATA

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 (Degrees)	Height (cm)	Polarity
1	* 5.35	42.55	Pk	34.3	-18.2	58.65	-	-	74	-15.35	239	131	V
2	* 5.35	45.81	Pk	34.3	-18.2	61.91	-	-	74	-12.09	239	131	V
3	* 5.35	33.74	RMS	34.3	-18.2	49.84	54	-4.16	-	-	239	131	V
4	* 5.35	34.52	RMS	34.3	-18.2	50.62	54	-3.38	-	-	239	131	V

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

Pk - Peak detector
 RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

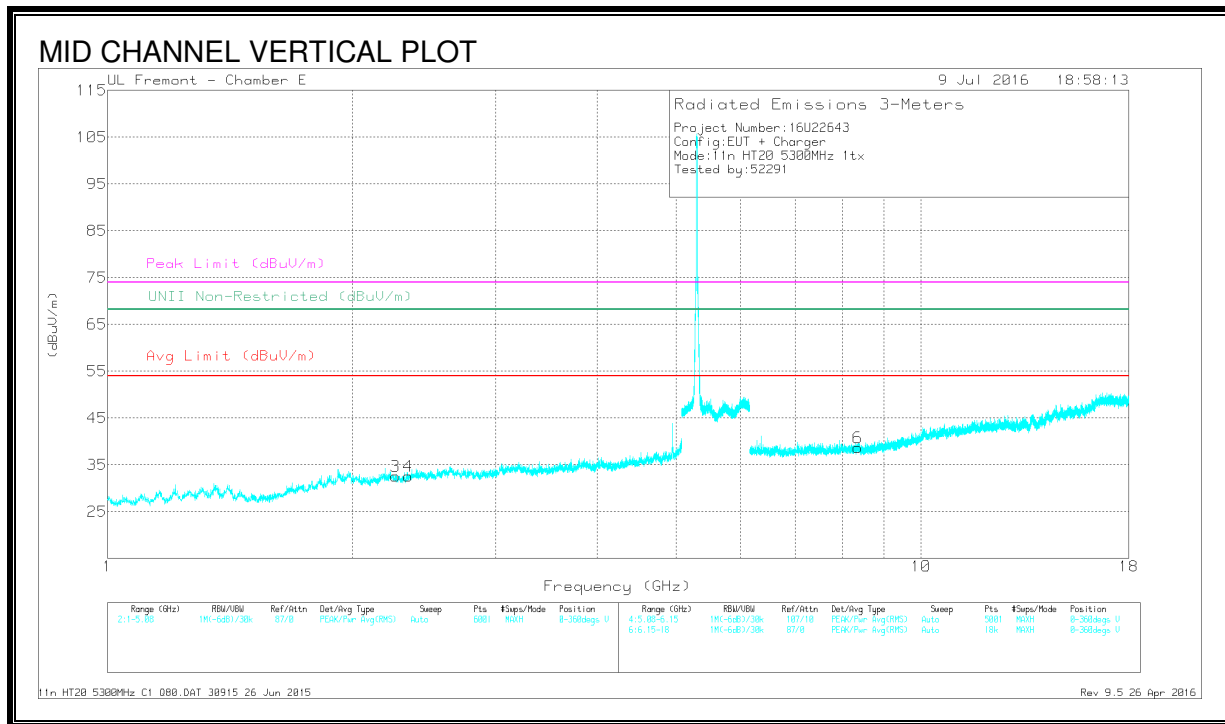
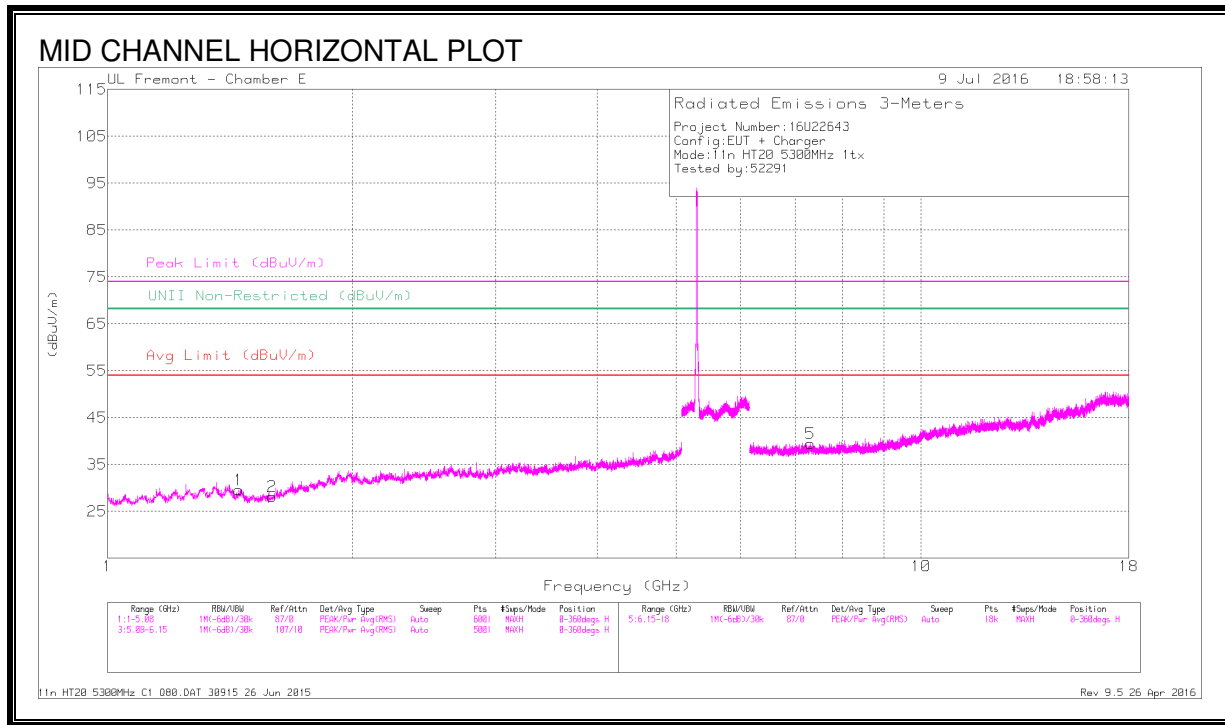
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.646	30.6	ADR	28.4	-33.9	25.1	54	-28.9	-	-	-	-	270	200	H
	1.647	41.1	PK-U	28.5	-33.8	35.8	-	-	-	-	68.2	-32.4	270	200	H
2	* 1.694	40.66	PK-U	29.1	-33.5	36.26	-	-	74	-37.74	-	-	137	292	H
	* 1.692	30.55	ADR	29	-33.4	26.15	54	-27.85	-	-	-	-	137	292	H
3	* 2.231	40.7	PK-U	31.7	-32.6	39.8	-	-	74	-34.2	-	-	195	230	V
	* 2.232	30.12	ADR	31.7	-32.6	29.22	54	-24.78	-	-	-	-	195	230	V
4	* 2.381	39.62	PK-U	32	-32.1	39.52	-	-	74	-34.48	-	-	85	293	V
	* 2.381	29.34	ADR	32	-32.1	29.24	54	-24.76	-	-	-	-	85	293	V
5	* 7.465	36.74	PK-U	35.5	-27.3	44.94	-	-	74	-29.06	-	-	226	194	H
	* 7.464	26.22	ADR	35.5	-27.3	34.42	54	-19.58	-	-	-	-	226	194	H
6	* 8.277	35.92	PK-U	35.7	-27	44.62	-	-	74	-29.38	-	-	234	313	V
	* 8.276	26.26	ADR	35.7	-27	34.96	54	-19.04	-	-	-	-	234	313	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 HARMONICS AND SPURIOUS EMISSIONS



DATA

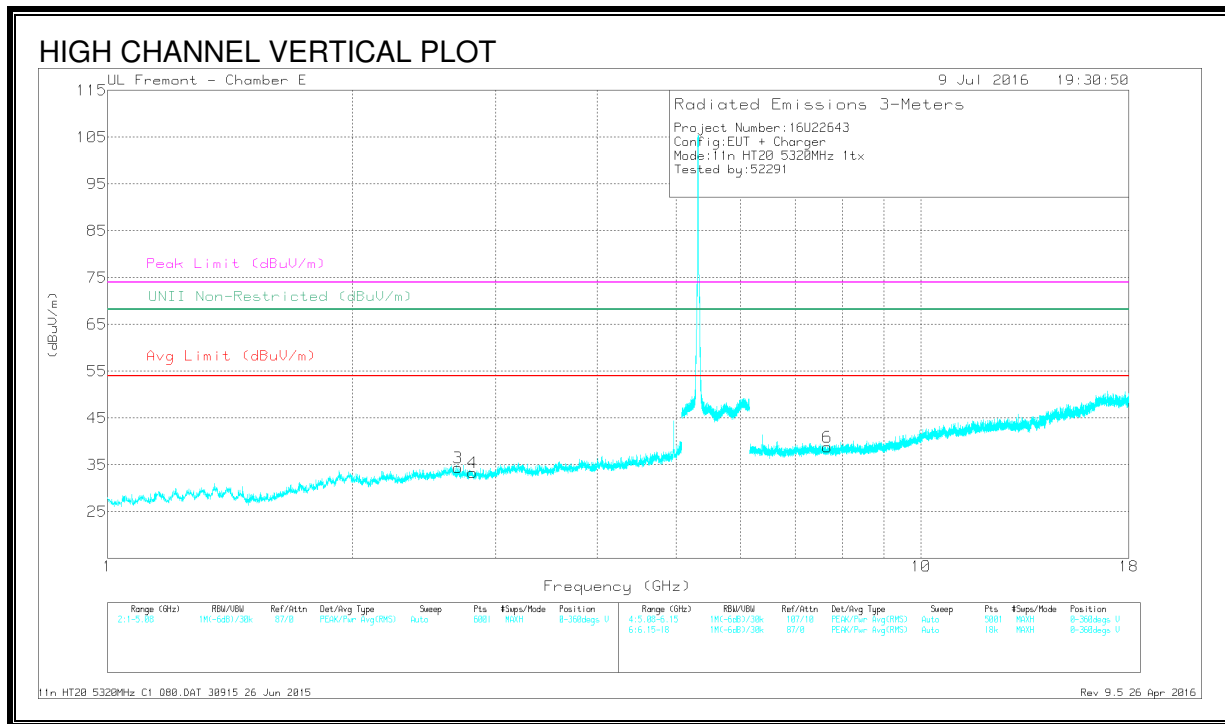
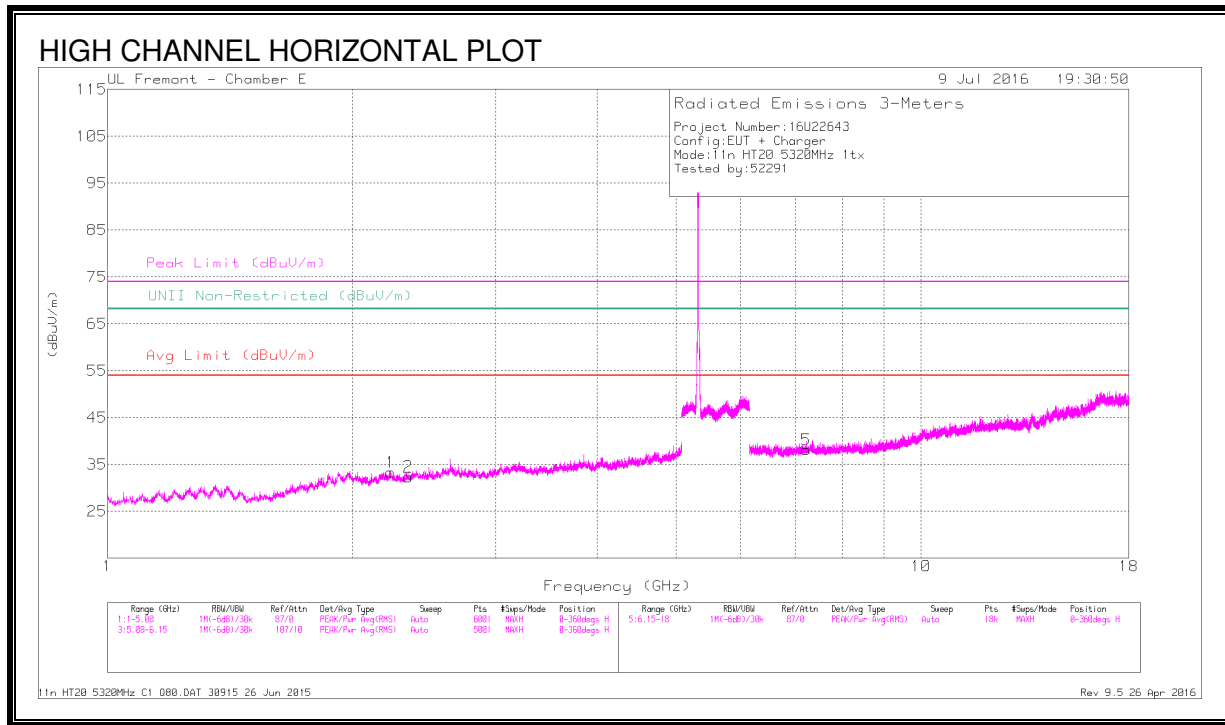
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.451	42.13	PK-U	28.4	-34.8	35.73	-	-	74	-38.27	-	-	279	270	H
	* 1.449	31.02	ADR	28.4	-34.8	24.62	54	-29.38	-	-	-	-	279	270	H
2	* 1.595	42.3	PK-U	27.8	-34.7	35.4	-	-	74	-38.6	-	-	297	327	H
	* 1.596	31.32	ADR	27.8	-34.7	24.42	54	-29.58	-	-	-	-	297	327	H
3	* 2.259	40.67	PK-U	31.6	-33	39.27	-	-	74	-34.73	-	-	121	374	V
	* 2.258	29.95	ADR	31.6	-33	28.55	54	-25.45	-	-	-	-	121	374	V
4	* 2.341	41.57	PK-U	31.7	-32.7	40.57	-	-	74	-33.43	-	-	204	231	V
	* 2.339	29.8	ADR	31.7	-32.8	28.7	54	-25.3	-	-	-	-	204	231	V
5	* 7.312	35.51	PK-U	35.6	-26.1	45.01	-	-	74	-28.99	-	-	303	294	H
	* 7.31	25.68	ADR	35.6	-26.1	35.18	54	-18.82	-	-	-	-	303	294	H
6	* 8.359	36.73	PK-U	35.7	-26.7	45.73	-	-	74	-28.27	-	-	13	370	V
	* 8.355	26.11	ADR	35.7	-26.7	35.11	54	-18.89	-	-	-	-	13	370	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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	* 2.229	40.56	PK-U	31.7	-32.6	39.66	-	-	74	-34.34	-	-	229	258	H
	* 2.228	29.42	ADR	31.7	-32.6	28.52	54	-25.48	-	-	-	-	229	258	H
2	* 2.34	40.31	PK-U	31.7	-32.8	39.21	-	-	74	-34.79	-	-	350	176	H
	* 2.339	29.92	ADR	31.7	-32.8	28.82	54	-25.18	-	-	-	-	350	176	H
3	* 2.693	40.91	PK-U	32.6	-32.4	41.11	-	-	74	-32.89	-	-	249	132	V
	* 2.695	29.78	ADR	32.6	-32.4	29.98	54	-24.02	-	-	-	-	249	132	V
4	* 2.812	39.48	PK-U	32.4	-32.1	39.78	-	-	74	-34.22	-	-	147	186	V
	* 2.81	28.89	ADR	32.4	-32.1	29.19	54	-24.81	-	-	-	-	147	186	V
6	* 7.667	36.17	PK-U	35.7	-27.3	44.57	-	-	74	-29.43	-	-	312	176	V
	* 7.666	26.17	ADR	35.7	-27.3	34.57	54	-19.43	-	-	-	-	312	176	V
5	7.22	37.24	PK-U	35.6	-27.8	45.04	-	-	-	-	68.2	-23.16	261	224	H
	7.22	26.61	ADR	35.6	-27.8	34.41	-	-	-	-	-	-	261	224	H

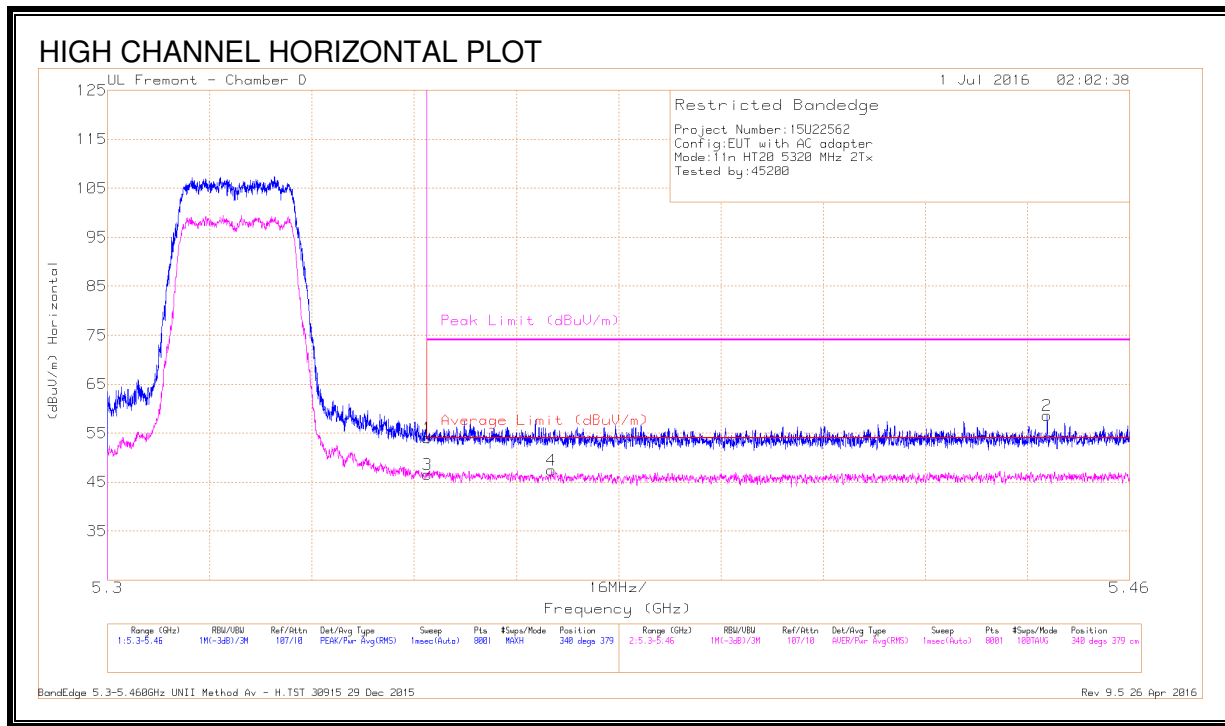
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

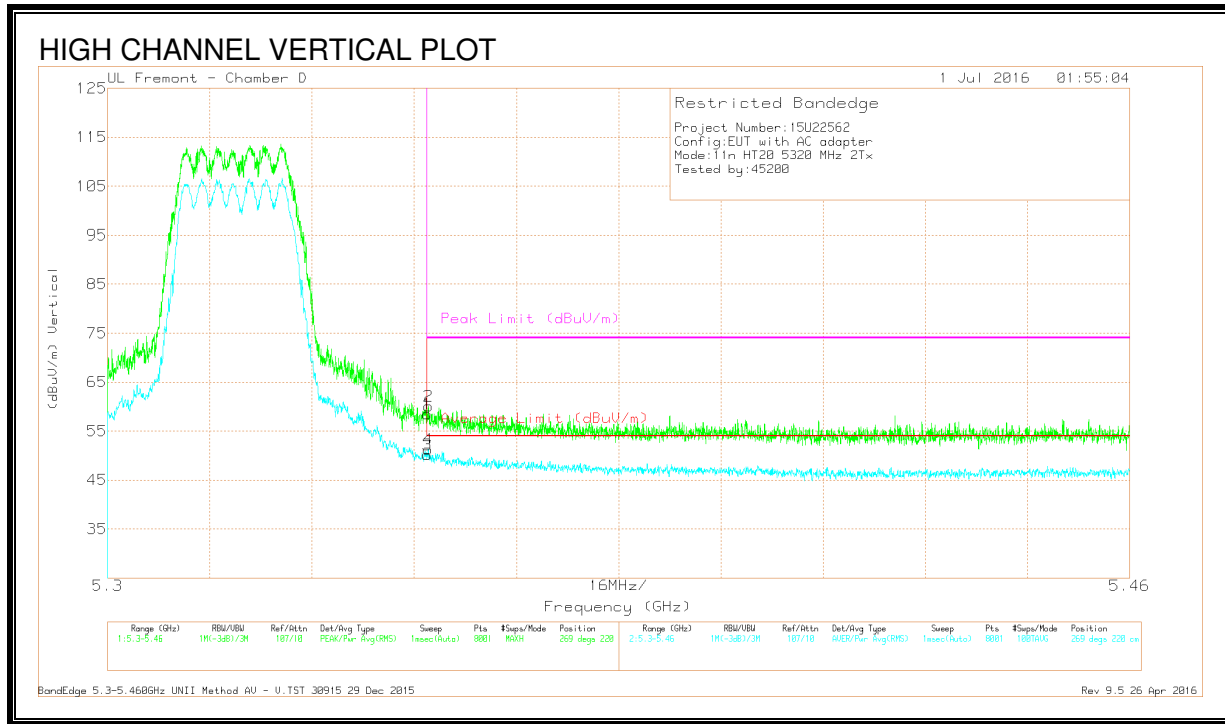
9.15. 802.11n HT20 2Tx CDD MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

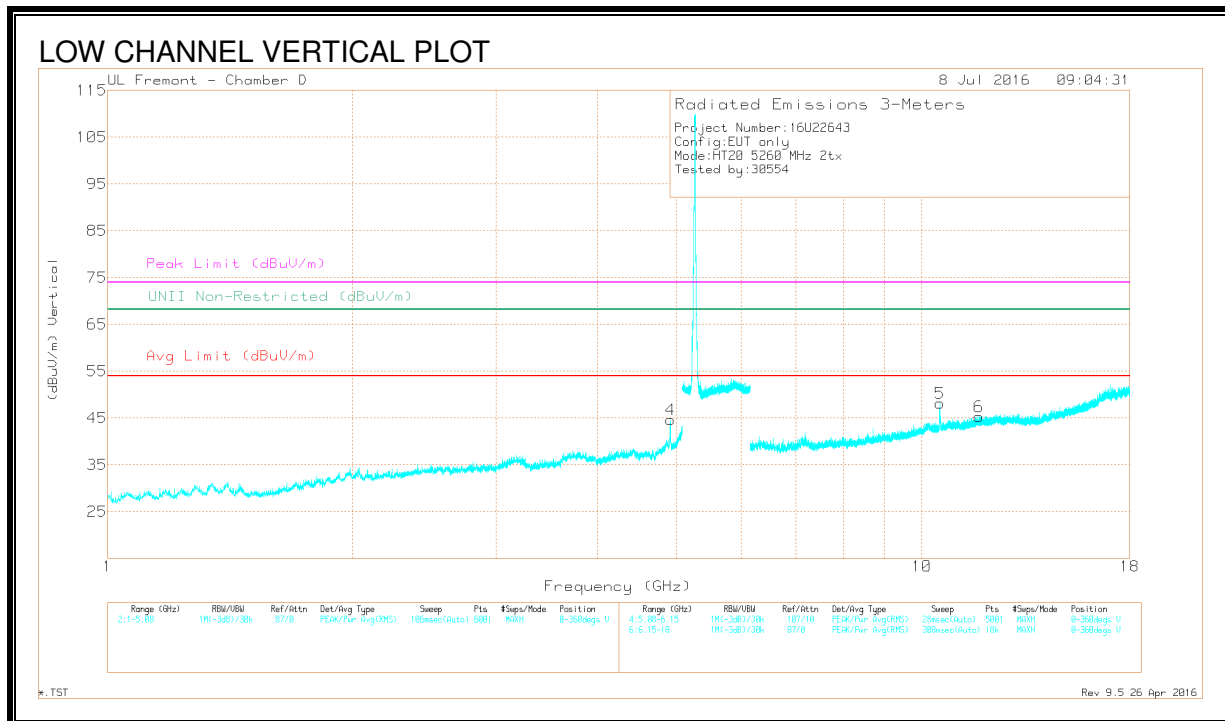
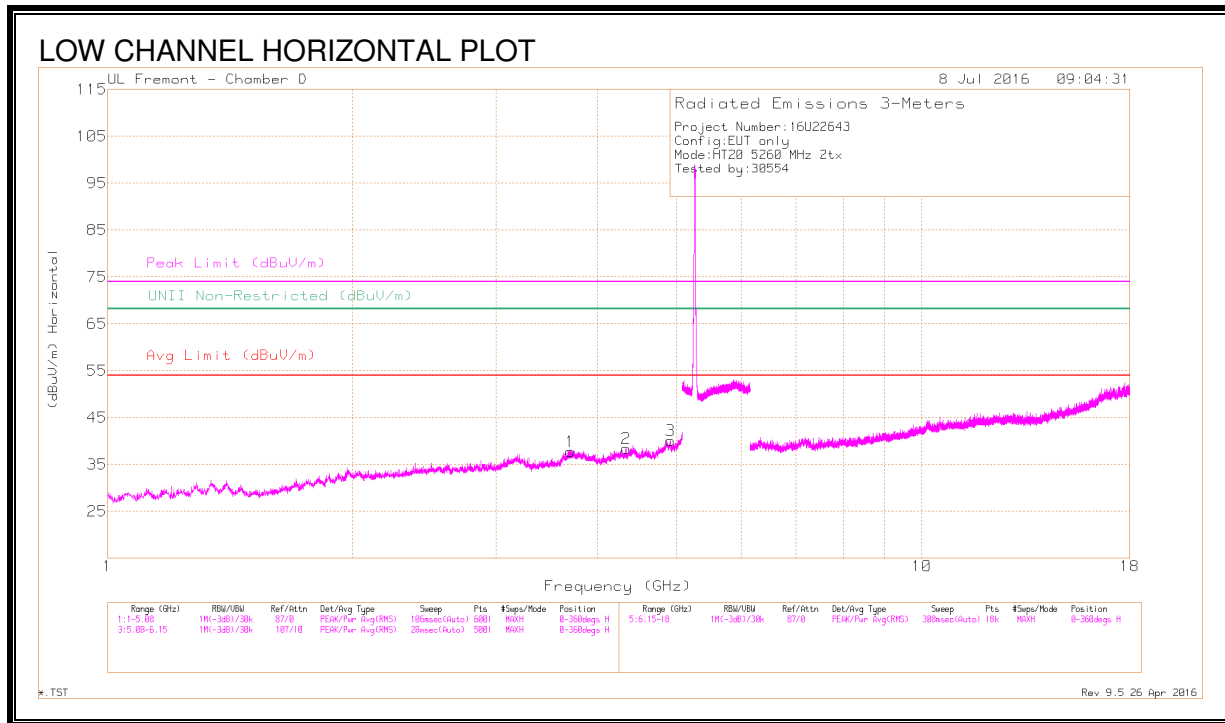
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	37.92	Pk	34.3	-18.2	54.02	-	-	74	-19.98	340	379	H
2	* 5.447	42.13	Pk	34.4	-17.9	58.63	-	-	74	-15.37	340	379	H
3	* 5.35	30.52	RMS	34.3	-18.2	46.62	54	-7.38	-	-	340	379	H
4	* 5.369	31.31	RMS	34.4	-18.3	47.41	54	-6.59	-	-	340	379	H



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 (Degrees)	Height (cm)	Polarity
1	* 5.35	42.33	Pk	34.3	-18.2	58.43	-	-	74	-15.57	269	220	V
2	* 5.35	43.97	Pk	34.3	-18.2	60.07	-	-	74	-13.93	269	220	V
3	* 5.35	34.02	RMS	34.3	-18.2	50.12	54	-3.88	-	-	269	220	V
4	* 5.35	35.16	RMS	34.3	-18.2	51.26	54	-2.74	-	-	269	220	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

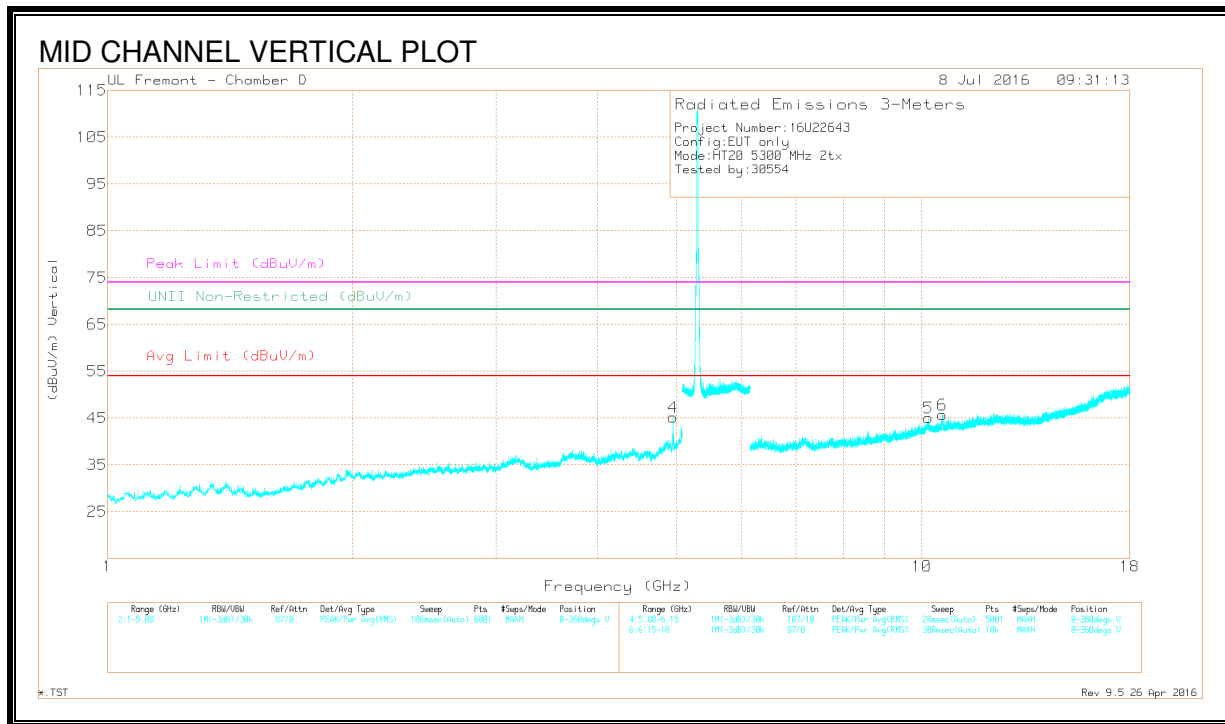
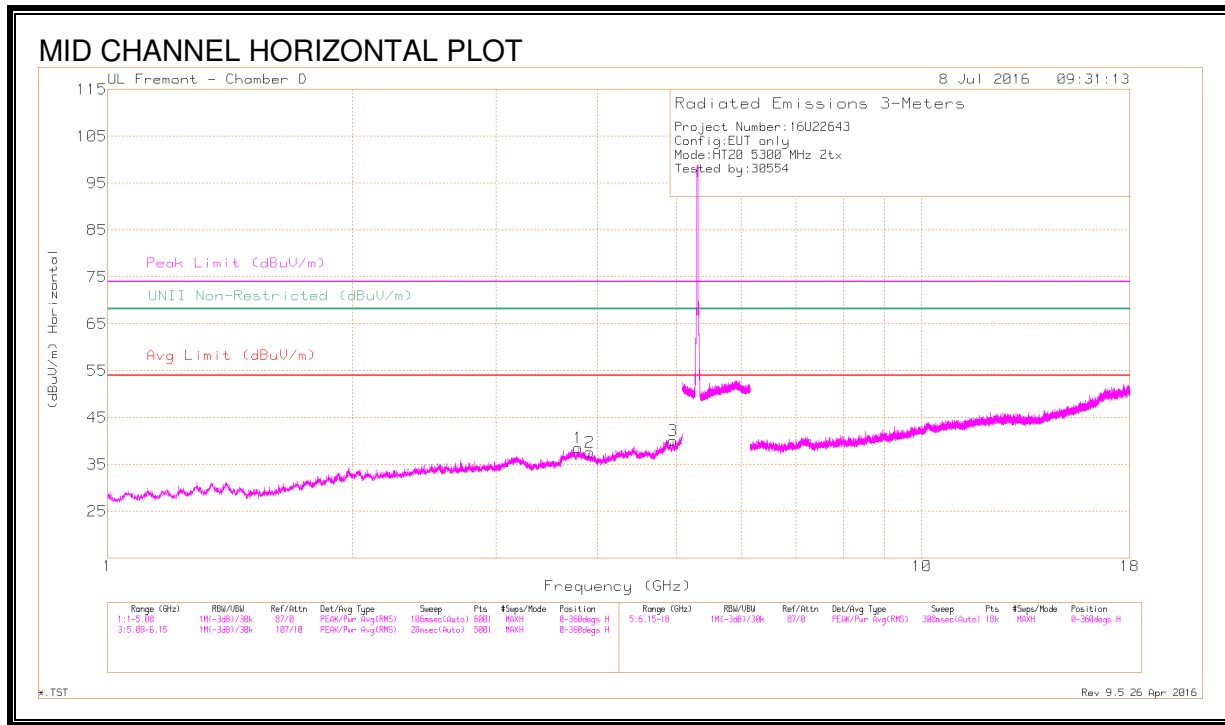
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.701	38.26	PK-U	33.5	-29	42.76	-	-	74	-31.24	-	-	36	168	H
	* 3.704	27.83	ADR	33.5	-29	32.33	54	-21.67	-	-	-	-	36	168	H
2	* 4.335	37.27	PK-U	33.7	-28.2	42.77	-	-	74	-31.23	-	-	268	221	H
	* 4.334	27.87	ADR	33.7	-28.2	33.37	54	-20.63	-	-	-	-	268	221	H
3	* 4.91	37.33	PK-U	34.1	-25.9	45.53	-	-	74	-28.47	-	-	154	244	H
	* 4.909	28.06	ADR	34.1	-25.9	36.26	54	-17.74	-	-	-	-	154	244	H
6	* 11.755	34.05	PK-U	38.7	-20.9	51.85	-	-	74	-22.15	-	-	185	231	V
	* 11.753	23.59	ADR	38.7	-20.8	41.49	54	-12.51	-	-	-	-	185	231	V
5	10.517	40.16	PK-U	37.7	-21.2	56.66	-	-	-	-	68.2	-11.54	161	102	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 HARMONICS AND SPURIOUS EMISSIONS



DATA

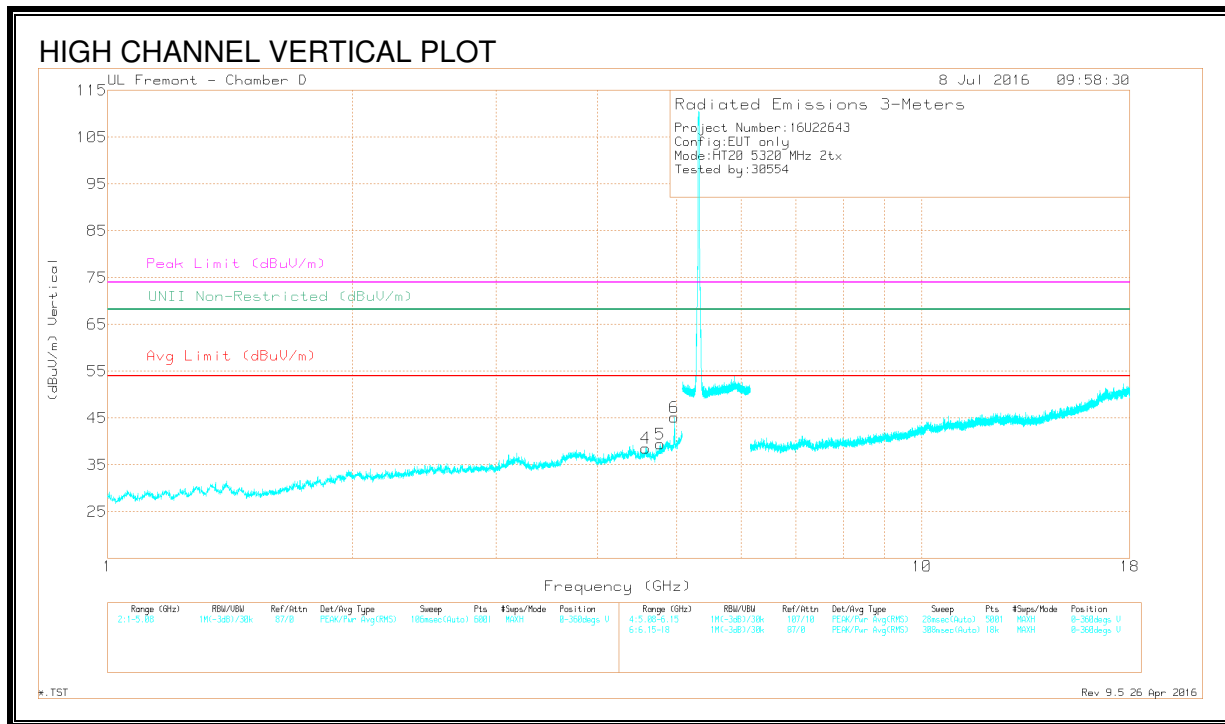
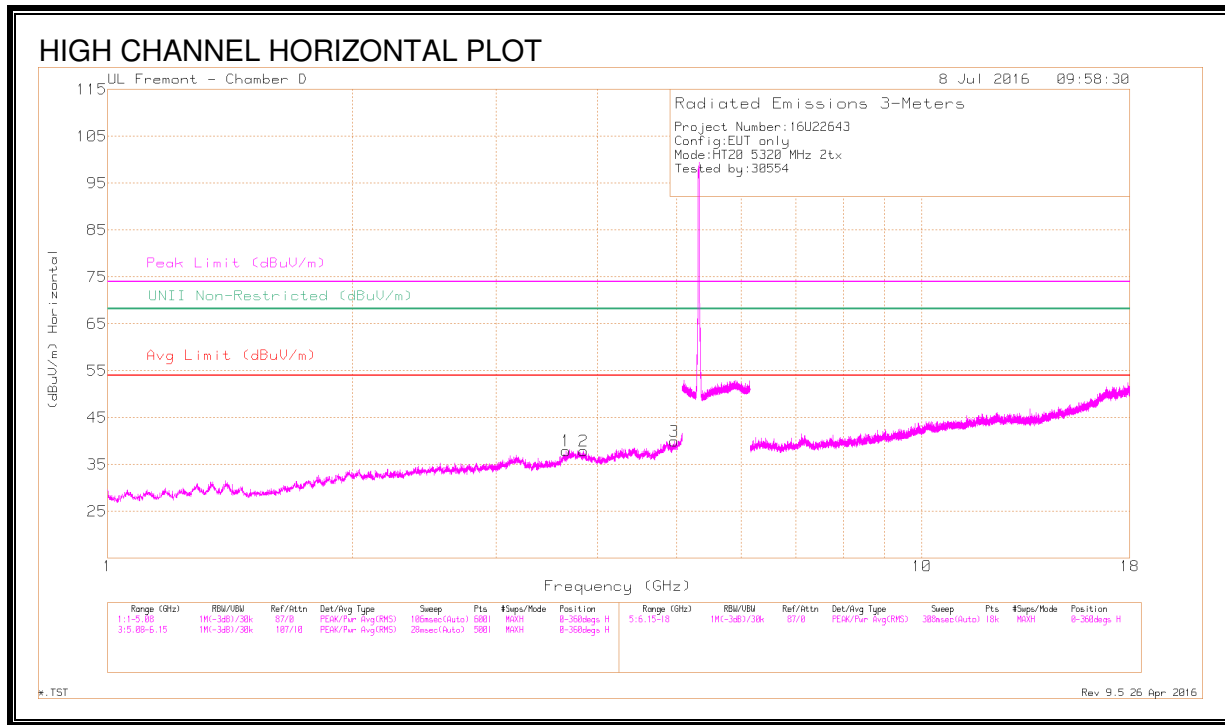
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.784	37.76	PK-U	33.5	-28.5	42.76	-	-	74	-31.24	-	-	145	218	H
	* 3.785	27.68	ADR	33.5	-28.5	32.68	54	-21.32	-	-	-	-	145	218	H
2	* 3.905	37.95	PK-U	33.5	-28.7	42.75	-	-	74	-31.25	-	-	198	211	H
	* 3.906	28.12	ADR	33.5	-28.7	32.92	54	-21.08	-	-	-	-	198	211	H
3	* 4.946	38.66	PK-U	34.1	-26.5	46.26	-	-	74	-27.74	-	-	135	128	H
	* 4.947	29.07	ADR	34.1	-26.5	36.67	54	-17.33	-	-	-	-	135	128	H
4	* 4.947	44.21	PK-U	34.1	-26.5	51.81	-	-	74	-22.19	-	-	109	248	V
	* 4.947	38.03	ADR	34.1	-26.5	45.63	54	-8.37	-	-	-	-	109	248	V
5	10.194	33.82	PK-U	37.5	-20.3	51.02	-	-	-	-	68.2	-17.18	106	265	V
6	10.596	33.64	PK-U	37.8	-21	50.44	-	-	-	-	68.2	-17.76	118	284	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



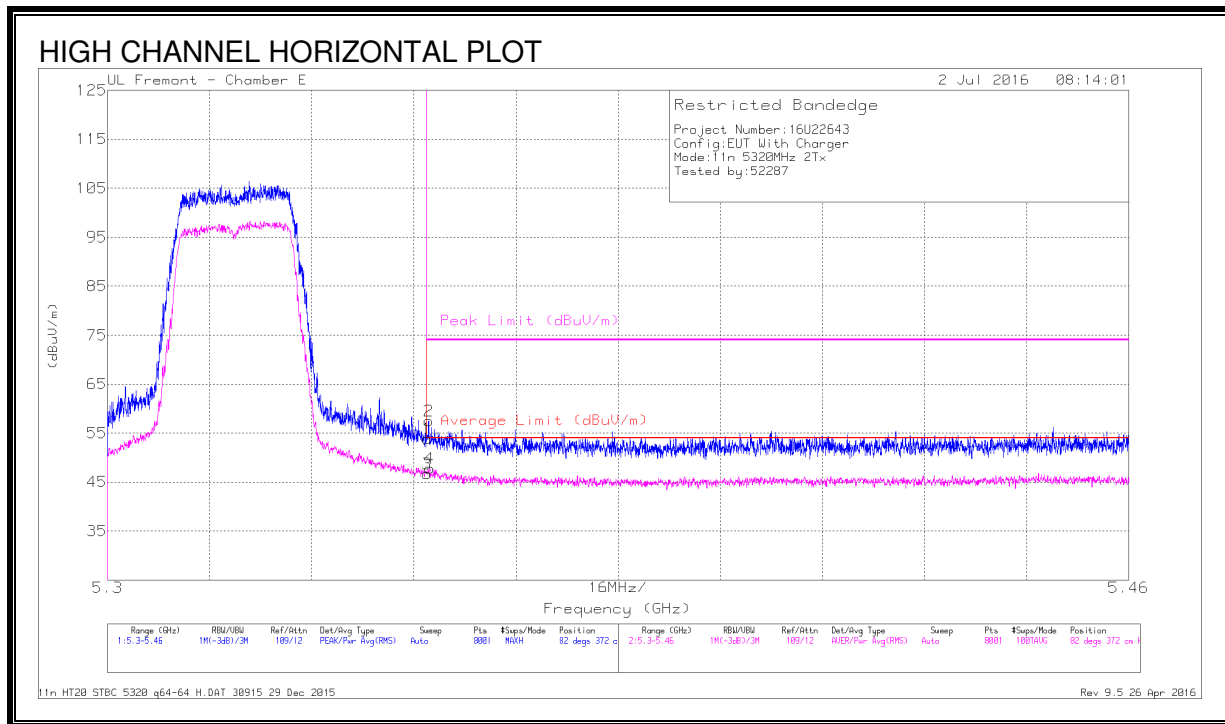
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Filtr/PA d (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 (Degrees)	Height (cm)	Polarity
1	* 3.657	38.25	PK-U	33.4	-29	42.65	-	-	74	-31.35	-	-	65	165	H
	* 3.657	27.61	ADR	33.4	-29	32.01	54	-21.99	-	-	-	-	65	165	H
2	* 3.843	38.89	PK-U	33.5	-28.6	43.79	-	-	74	-30.21	-	-	125	192	H
	* 3.843	28.01	ADR	33.5	-28.6	32.91	54	-21.09	-	-	-	-	125	192	H
3	* 4.961	38.5	PK-U	34.1	-26.6	46	-	-	74	-28	-	-	46	128	H
	* 4.962	27.71	ADR	34.1	-26.6	35.21	54	-18.79	-	-	-	-	46	128	H
4	* 4.575	37.58	PK-U	34.1	-27.2	44.48	-	-	74	-29.52	-	-	68	212	V
	* 4.577	27.52	ADR	34.1	-27.1	34.52	54	-19.48	-	-	-	-	68	212	V
5	* 4.771	38.01	PK-U	34	-27.2	44.81	-	-	74	-29.19	-	-	211	118	V
	* 4.769	27.53	ADR	34	-27.2	34.33	54	-19.67	-	-	-	-	211	118	V
6	* 4.965	43.45	PK-U	34.1	-26.6	50.95	-	-	74	-23.05	-	-	84	235	V
	* 4.965	37.29	ADR	34.1	-26.6	44.79	54	-9.21	-	-	-	-	84	235	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

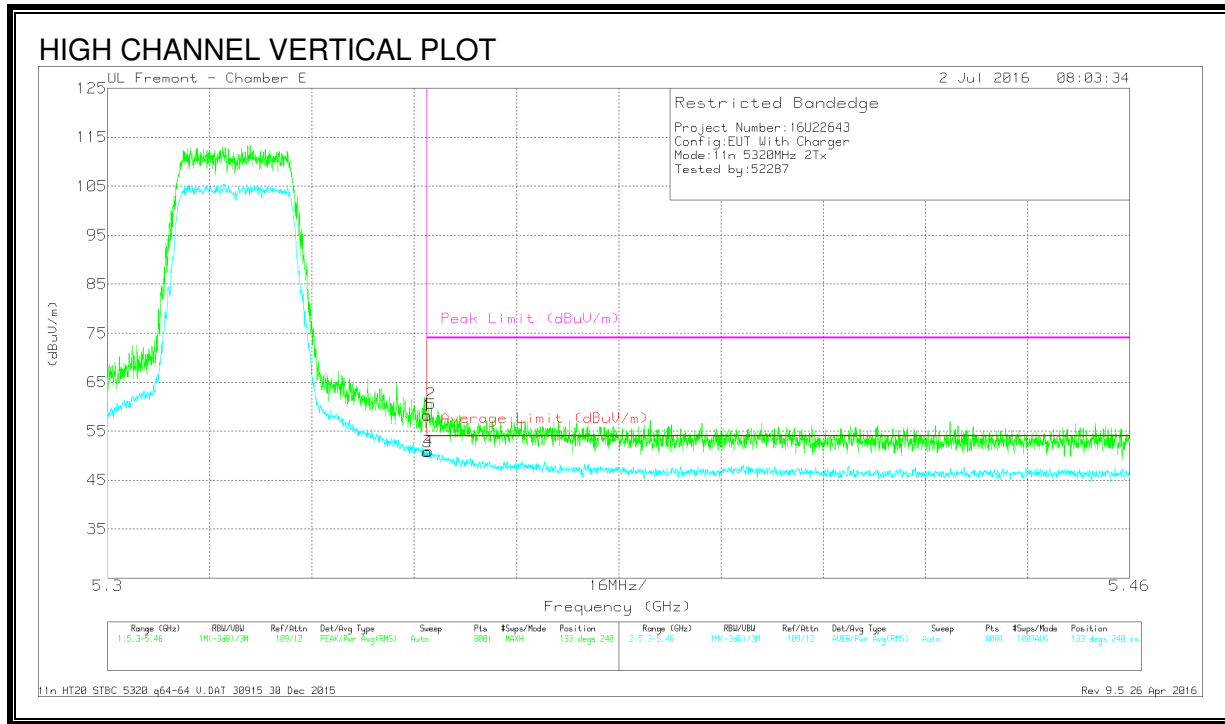
9.16. 802.11n HT20 2Tx STBC MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

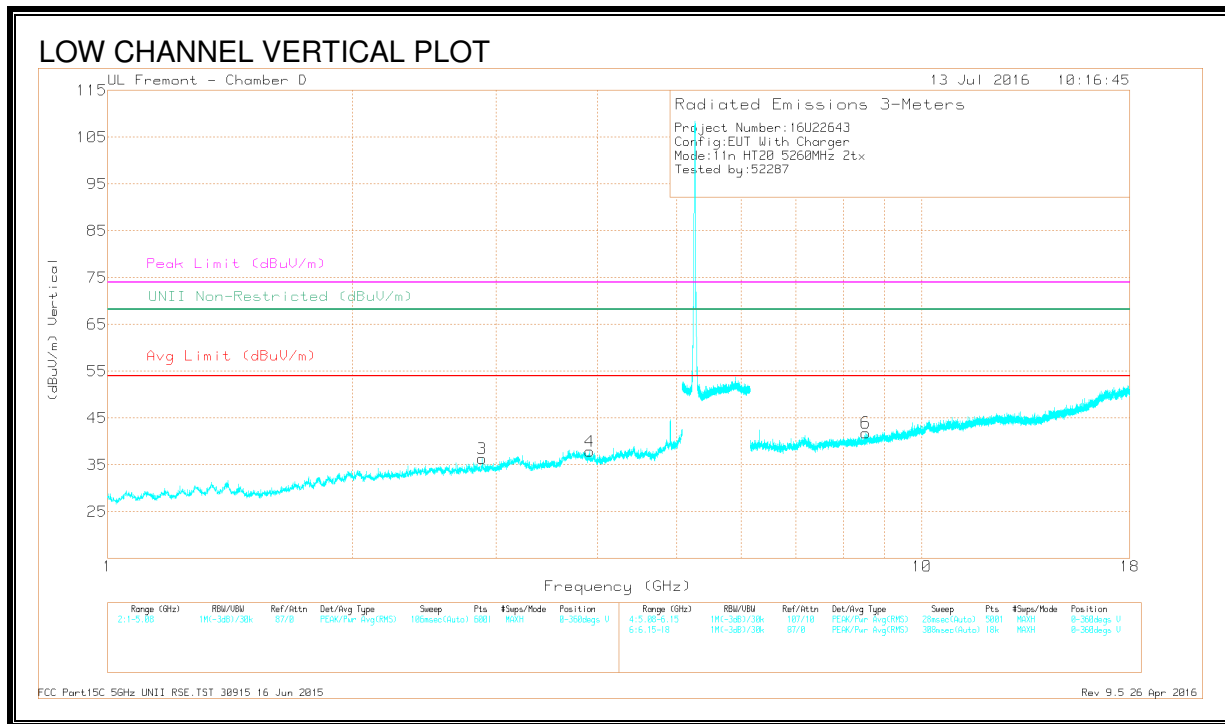
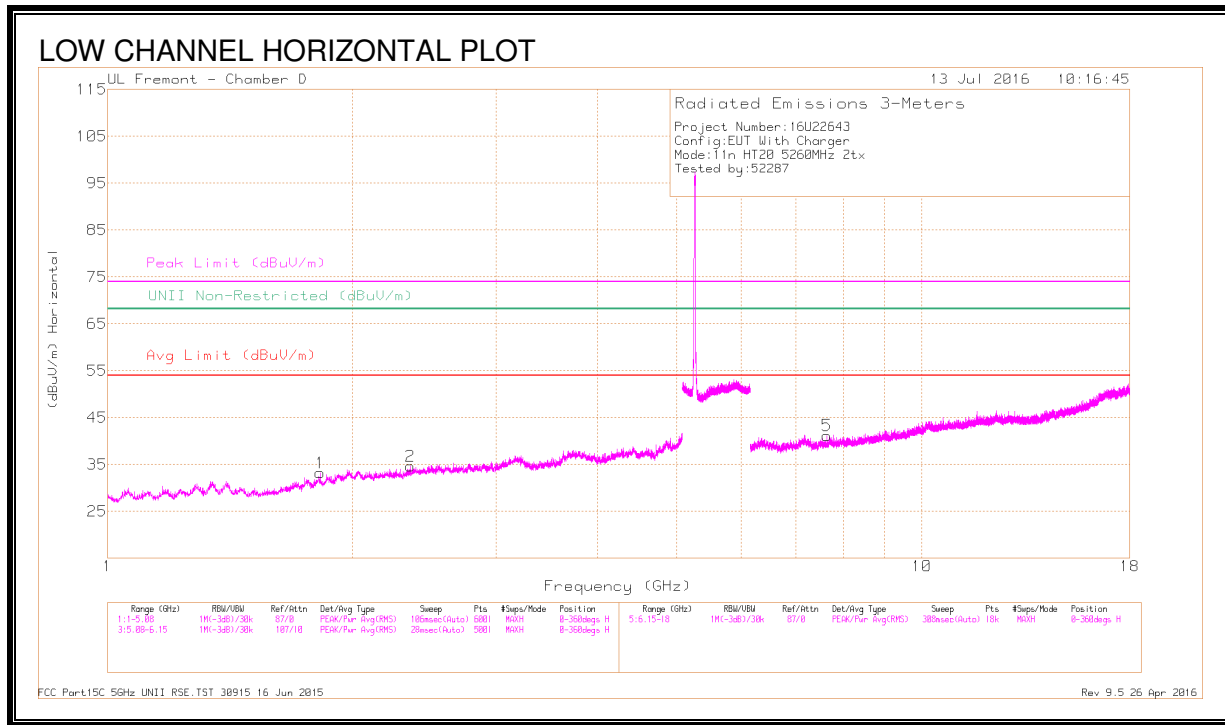
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	39.14	Pk	34.4	-19.6	53.94	-	-	74	-20.06	82	372	H
2	* 5.35	42.69	Pk	34.4	-19.6	57.49	-	-	74	-16.51	82	372	H
3	* 5.35	31.85	RMS	34.4	-19.6	46.65	54	-7.35	-	-	82	372	H
4	* 5.35	33	RMS	34.4	-19.6	47.8	54	-6.2	-	-	82	372	H



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 (Degrees)	Height (cm)	Polarity
1	* 5.35	43.47	Pk	34.4	-19.6	58.27	-	-	74	-15.73	133	240	V
3	* 5.35	36.05	RMS	34.4	-19.6	50.85	54	-3.15	-	-	133	240	V
4	* 5.35	36.12	RMS	34.4	-19.6	50.92	54	-3.08	-	-	133	240	V
2	* 5.351	45.75	Pk	34.4	-19.6	60.55	-	-	74	-13.45	133	240	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

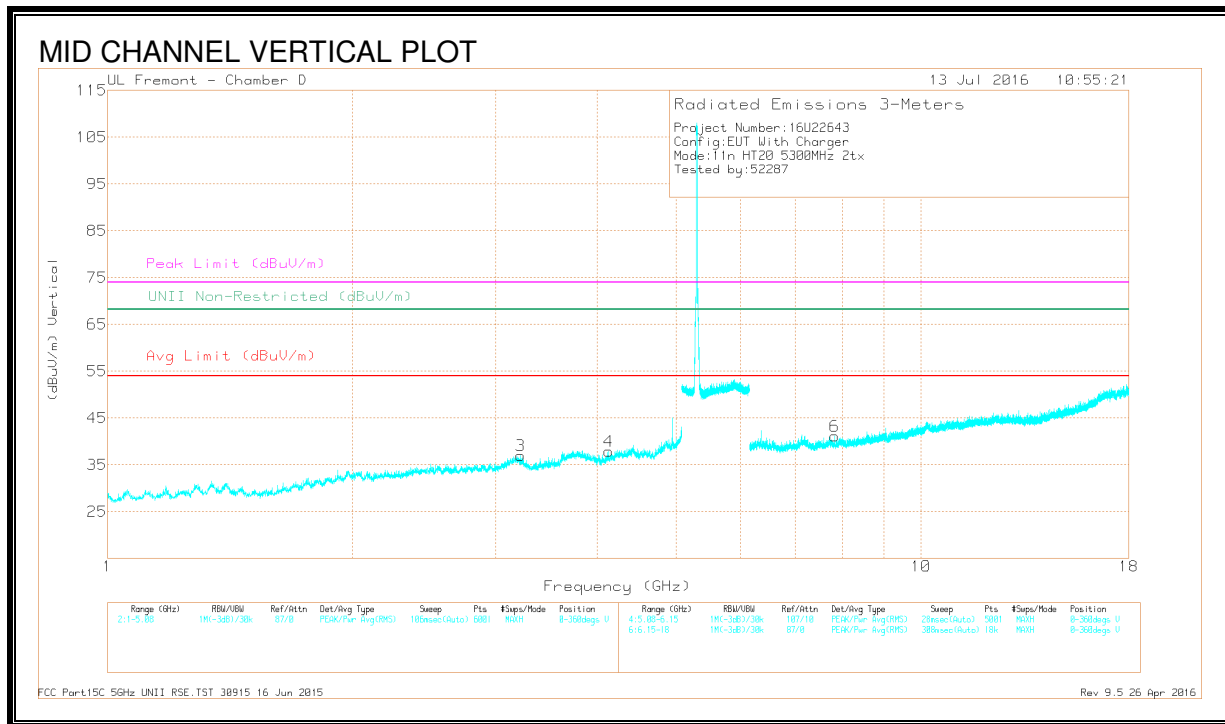
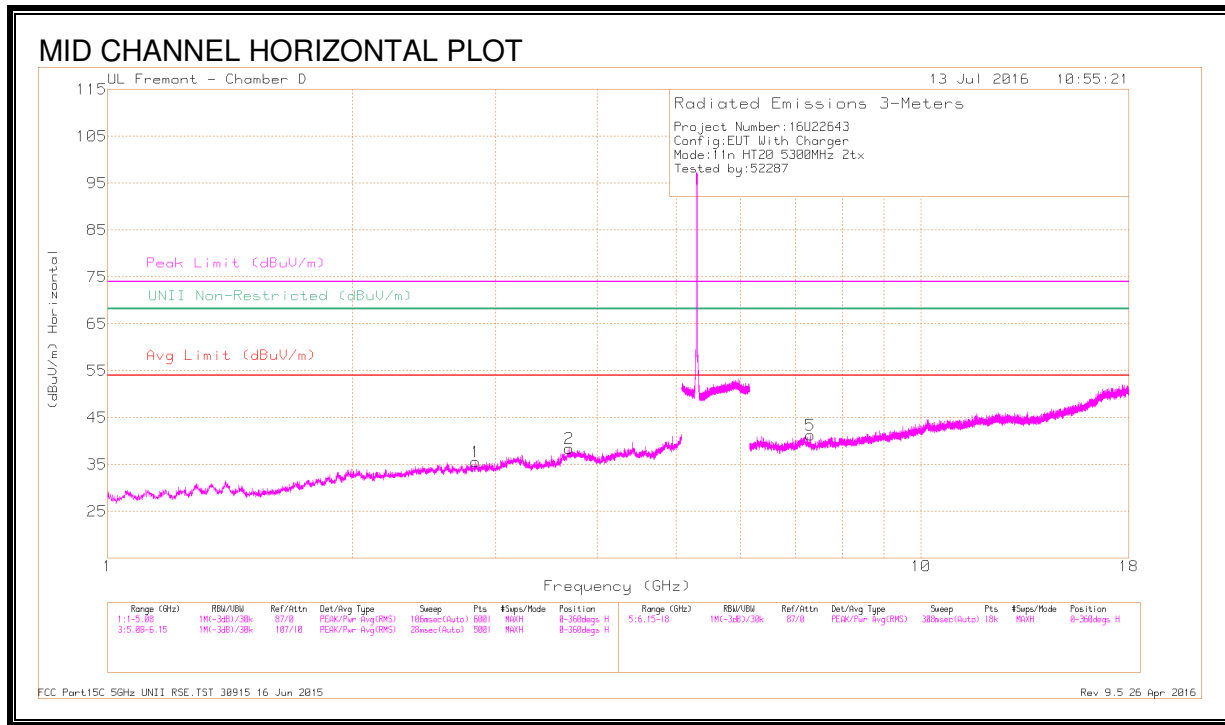


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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)	Polarization
2	* 2.354	39.17	PK-U	31.8	-30.3	40.67	-	-	74	-33.33	-	-	91	114	H
	* 2.354	28.18	ADR	31.8	-30.3	29.68	54	-24.32	-	-	-	-	91	114	H
3	* 2.886	38.8	PK-U	32.3	-29.1	42	-	-	74	-32	-	-	296	390	V
	* 2.886	27.77	ADR	32.3	-29.1	30.97	54	-23.03	-	-	-	-	296	390	V
	* 3.91	37.78	PK-U	33.5	-28.6	42.68	-	-	74	-31.32	-	-	258	352	V
4	* 3.913	27.31	ADR	33.5	-28.5	32.31	54	-21.69	-	-	-	-	258	352	V
5	* 7.637	35.68	PK-U	35.8	-25.1	46.38	-	-	74	-27.62	-	-	360	250	H
	* 7.636	25.24	ADR	35.8	-25.1	35.94	54	-18.06	-	-	-	-	360	250	H
1	1.824	39.98	PK-U	30.2	-31.1	39.08	-	-	-	-	68.2	-29.12	90	262	H
6	8.534	34.3	PK-U	35.8	-23	47.1	-	-	-	-	68.2	-21.1	202	392	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 HARMONICS AND SPURIOUS EMISSIONS



DATA

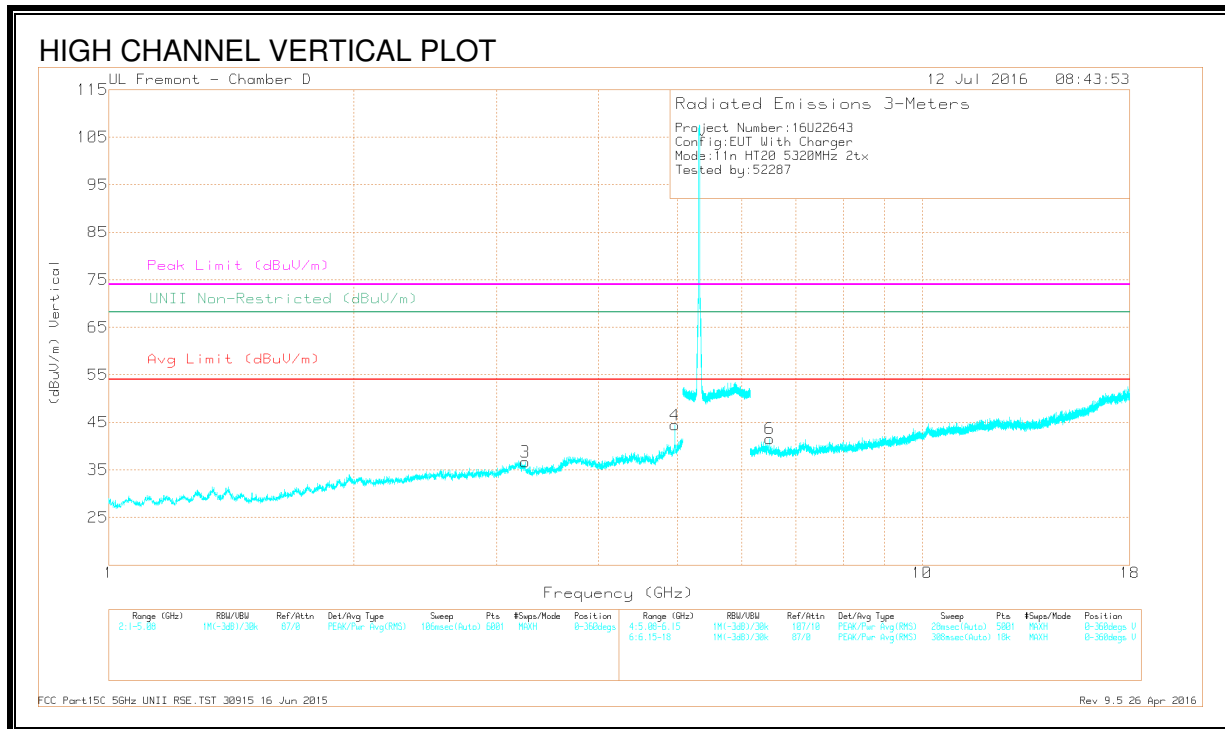
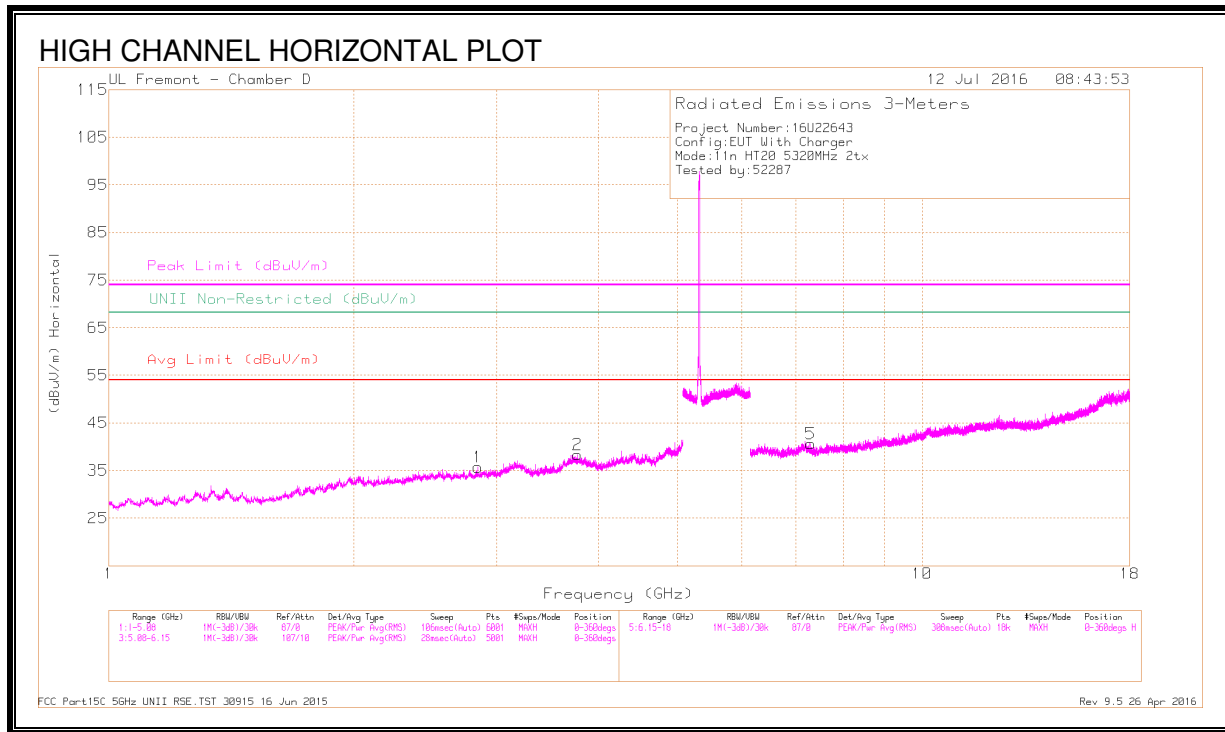
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarizy
1	* 2.836	39.46	PK-U	32.3	-29.1	42.66	-	-	74	-31.34	-	-	204	206	H
	* 2.836	27.91	ADR	32.3	-29.1	31.11	54	-22.89	-	-	-	-	204	206	H
2	* 3.693	37.82	PK-U	33.5	-29	42.32	-	-	74	-31.68	-	-	130	351	H
	* 3.692	27.7	ADR	33.5	-29	32.2	54	-21.8	-	-	-	-	130	351	H
4	* 4.13	38.13	PK-U	33.5	-28.2	43.43	-	-	74	-30.57	-	-	353	248	V
	* 4.131	27.12	ADR	33.5	-28.2	32.42	54	-21.58	-	-	-	-	353	248	V
5	* 7.305	36.62	PK-U	35.7	-25.2	47.12	-	-	74	-26.88	-	-	297	264	H
	* 7.302	25.67	ADR	35.7	-25.2	36.17	54	-17.83	-	-	-	-	297	264	H
3	3.219	38.83	PK-U	33.8	-29.2	43.43	-	-	-	-	68.2	-24.77	345	197	V
6	7.829	35.66	PK-U	35.9	-24.4	47.16	-	-	-	-	68.2	-21.04	360	338	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	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 (Degrees)	Height (cm)	Polarization
	* 2.842	38.75	PK-U	32.3	-29.1	41.95	-	-	74	-32.05	-	-	242	165	H
1	* 2.843	27.94	ADR	32.3	-29.1	31.14	54	-22.86	-	-	-	-	242	165	H
	* 3.769	38.47	PK-U	33.5	-28.6	43.37	-	-	74	-30.63	-	-	321	152	H
2	* 3.772	27.23	ADR	33.5	-28.6	32.13	54	-21.87	-	-	-	-	321	152	H
4	* 4.965	43.57	PK-U	34.1	-26.6	51.07	-	-	74	-22.93	-	-	267	239	V
	* 4.965	37.24	ADR	34.1	-26.6	44.74	54	-9.26	-	-	-	-	267	239	V
5	* 7.295	36.09	PK-U	35.7	-25	46.79	-	-	74	-27.21	-	-	215	260	H
	* 7.297	25.62	ADR	35.7	-25.1	36.22	54	-17.78	-	-	-	-	215	260	H
3	3.251	39.08	PK-U	33.3	-29.3	43.08	-	-	-	-	68.2	-25.12	81	392	V
6	6.501	35.92	PK-U	35.6	-25.2	46.32	-	-	-	-	68.2	-21.88	209	266	V

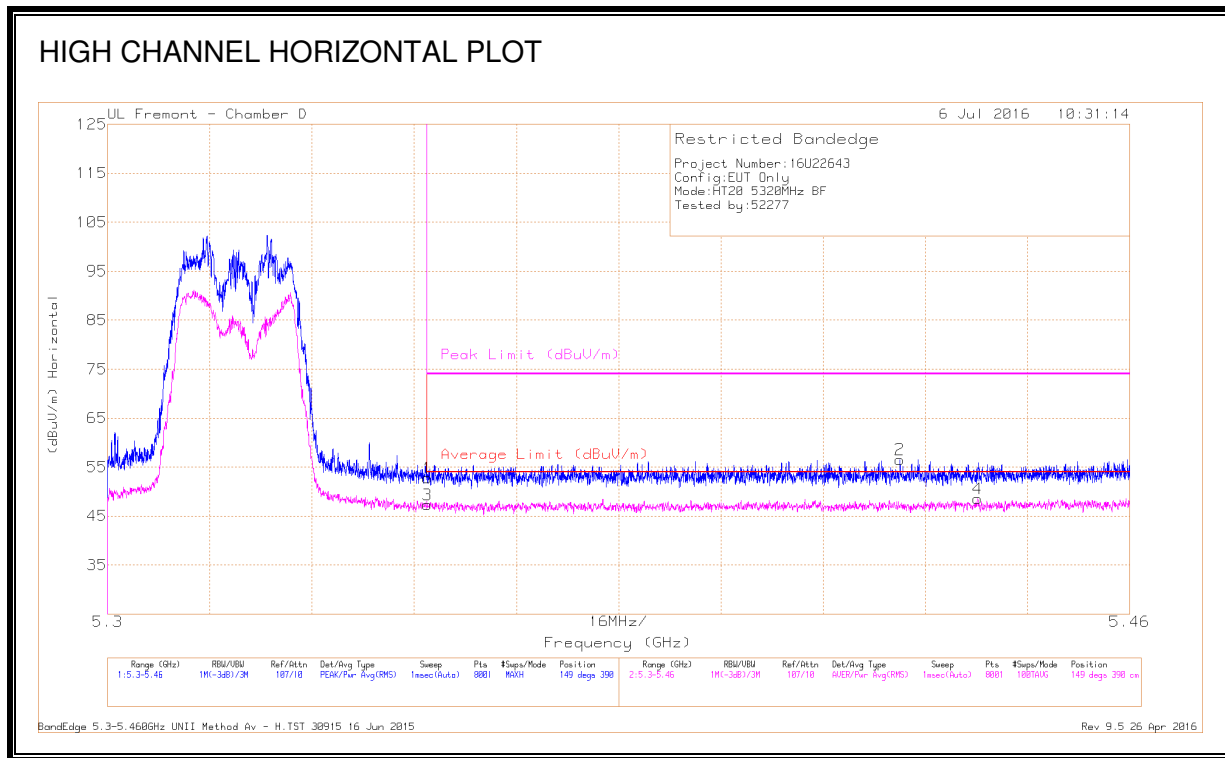
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.17. 802.11n VHT20 2Tx BEAM FORMING MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



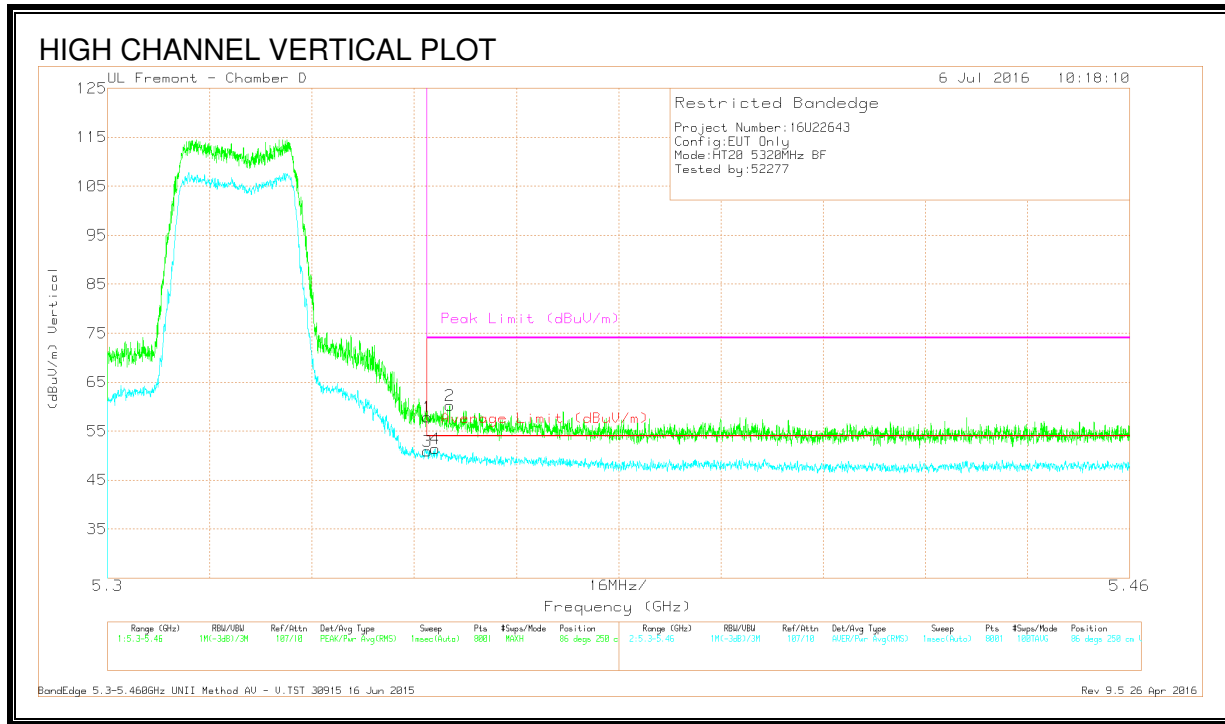
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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azi mut h (Degrees)	Height (cm)	Polarity
1	* 5.35	36.73	Pk	34.3	-18.2	0	52.83	-	-	74	-21.17	149	390	H
2	* 5.424	40.16	Pk	34.4	-18	0	56.56	-	-	74	-17.44	149	390	H
3	* 5.35	29.87	RMS	34.3	-18.2	.10	46.19	54	-7.81	-	-	149	390	H
4	* 5.436	30.88	RMS	34.4	-18	.10	47.51	54	-6.49	-	-	149	390	H

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

Pk - Peak detector

RMS - RMS detection



DATA

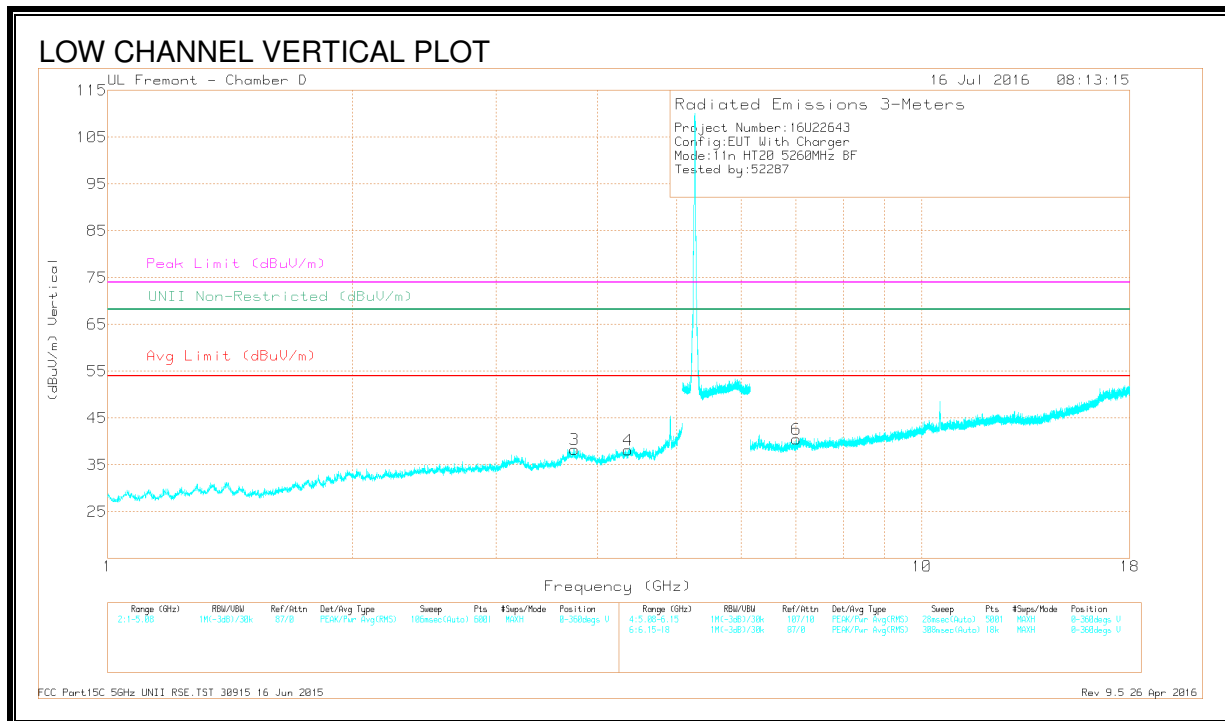
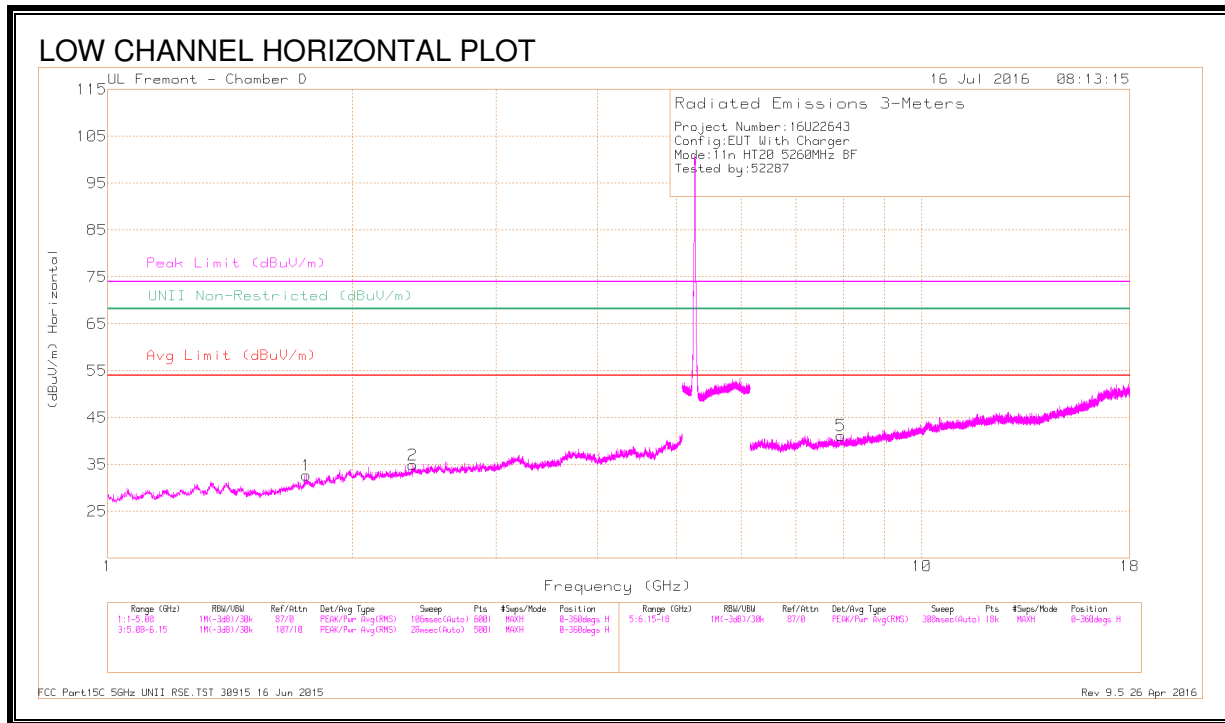
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	41.74	Pk	34.3	-18.2	0	57.84	-	-	74	-16.16	86	250	V
3	* 5.35	33.51	RMS	34.3	-18.2	.10	49.94	54	-4.06	-	-	86	250	V
4	* 5.351	33.95	RMS	34.3	-18.2	.10	50.28	54	-3.72	-	-	86	250	V
2	* 5.354	44.08	Pk	34.3	-18.2	0	60.18	-	-	74	-13.82	86	250	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

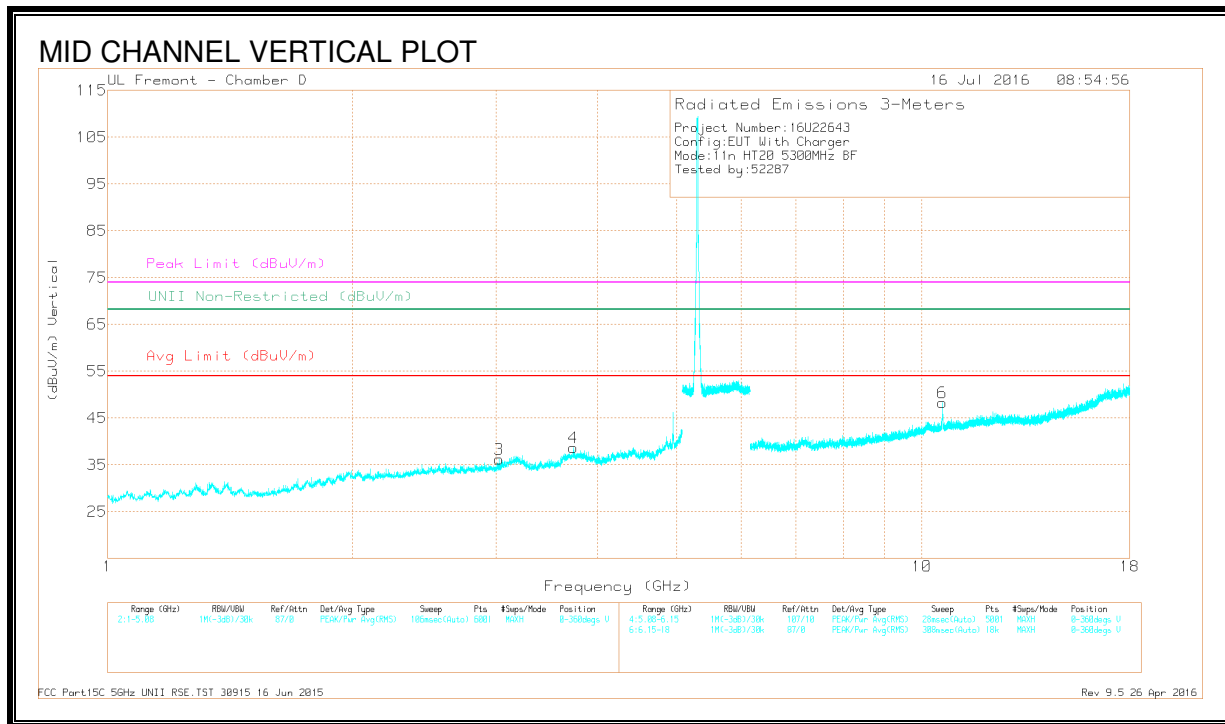
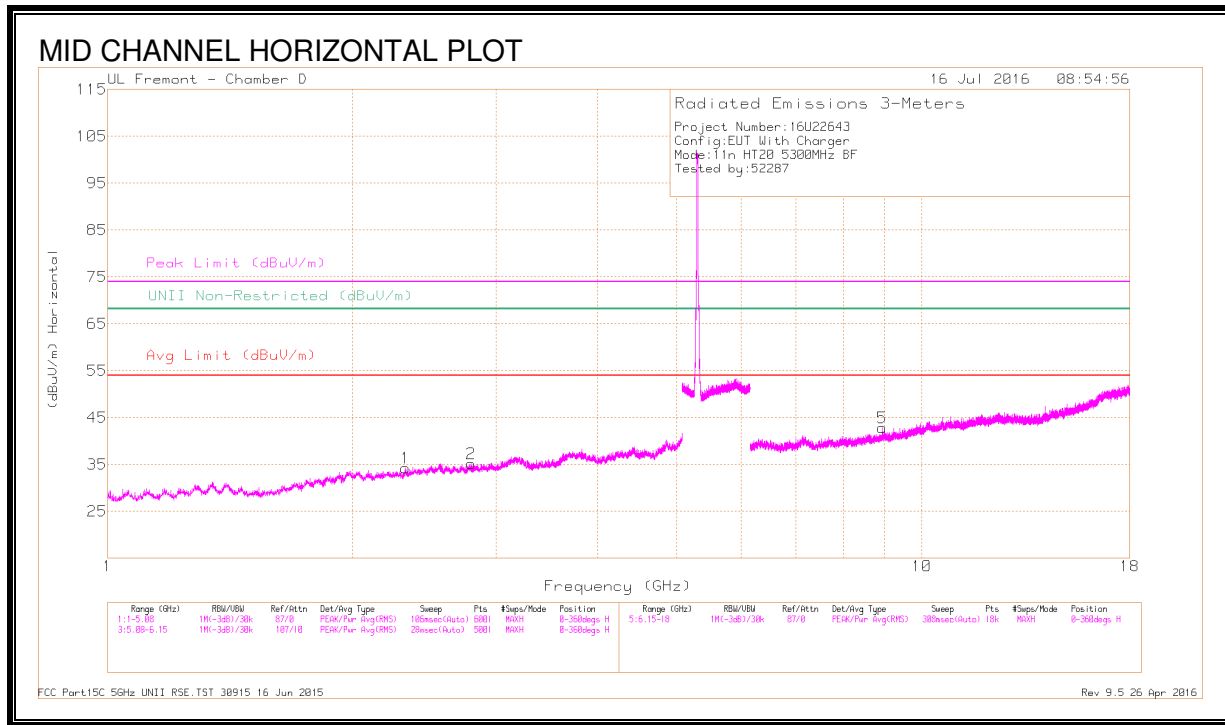
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
	* 2.37	39.73	PK-U	32	-30.3	0	41.43	-	-	74	-32.57	-	-	360	226	H
2	* 2.368	28.2	ADR	31.9	-30.3	.1	29.9	54	-24.1	-	-	-	-	360	226	H
3	* 3.747	39.11	PK-U	33.5	-28.8	0	43.81	-	-	74	-30.19	-	-	351	199	V
	* 3.745	27.46	ADR	33.5	-28.8	.1	32.26	54	-21.74	-	-	-	-	351	199	V
4	* 4.352	38	PK-U	33.7	-28.1	0	43.6	-	-	74	-30.4	-	-	349	253	V
	* 4.352	26.81	ADR	33.7	-28.1	.1	32.51	54	-21.49	-	-	-	-	349	253	V
1	1.752	39.92	PK-U	29.6	-30.8	0	38.72	-	-	-	-	68.2	-29.48	351	298	H
6	7.013	36.28	PK-U	35.7	-25.7	0	46.28	-	-	-	-	68.2	-21.92	63	329	V
5	7.946	35.03	PK-U	35.9	-23.7	0	47.23	-	-	-	-	68.2	-20.97	349	296	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 HARMONICS AND SPURIOUS EMISSIONS



DATA

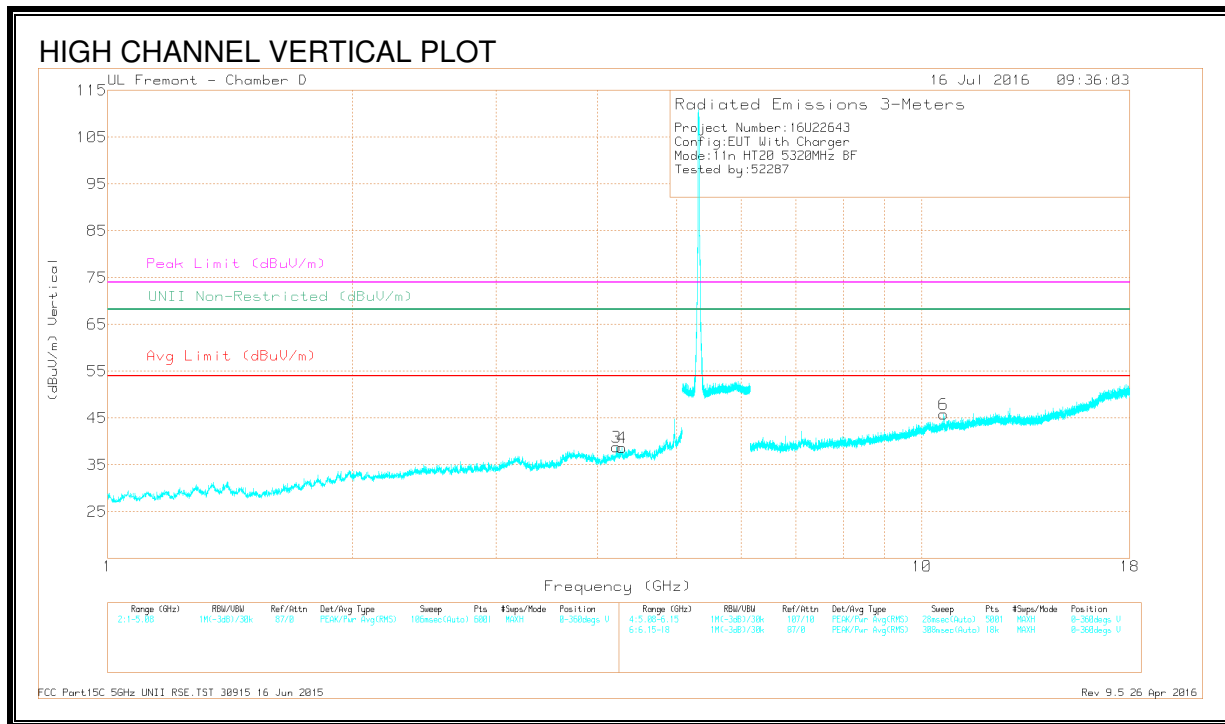
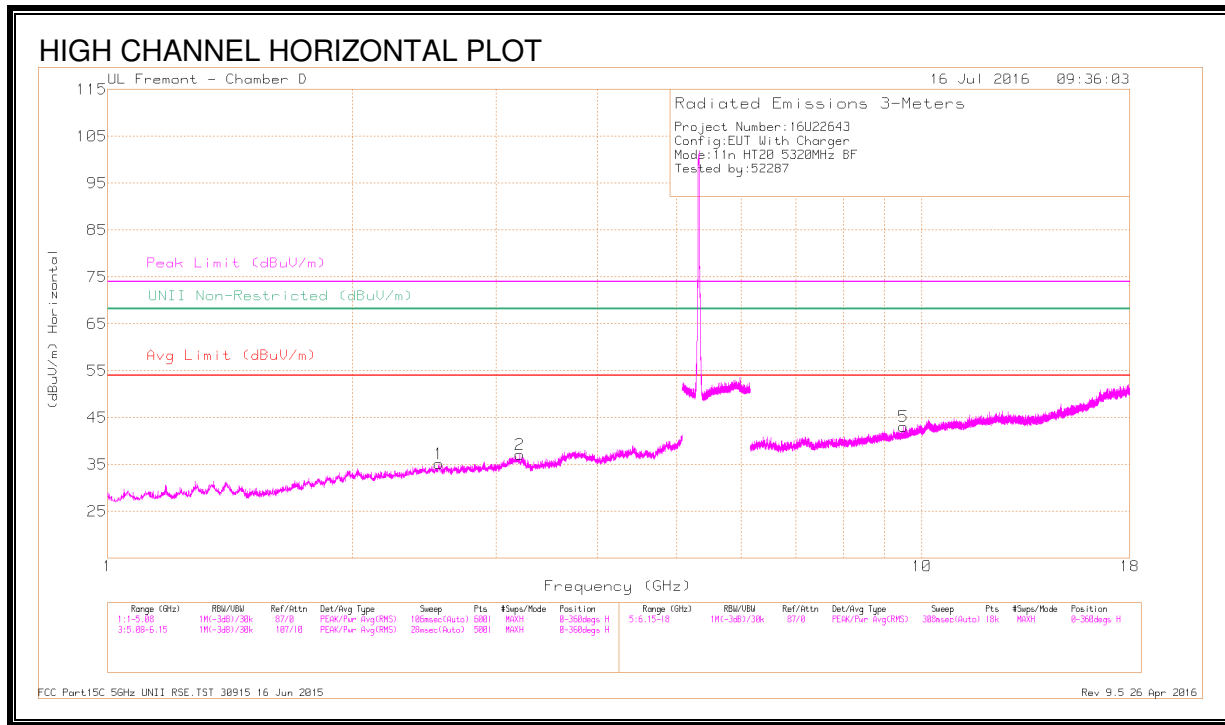
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.322	39.74	PK-U	31.6	-30.3	0	41.04	-	-	74	-32.96	-	-	357	206	H
	* 2.325	28.35	ADR	31.6	-30.3	.1	29.75	54	-24.25	-	-	-	-	357	206	H
	* 2.794	38.77	PK-U	32.3	-29.5	0	41.57	-	-	74	-32.43	-	-	301	245	H
2	* 2.794	27.77	ADR	32.3	-29.5	.1	30.67	54	-23.33	-	-	-	-	301	245	H
	* 3.732	37.64	PK-U	33.5	-28.8	0	42.34	-	-	74	-31.66	-	-	9	241	V
4	* 3.734	27.66	ADR	33.5	-28.8	.1	32.46	54	-21.54	-	-	-	-	9	241	V
	* 10.602	38.84	PK-U	37.8	-21	0	55.64	-	-	74	-18.36	-	-	170	113	V
6	* 10.603	26.63	ADR	37.8	-21	.1	43.53	54	-10.47	-	-	-	-	170	113	V
3	3.027	39.38	PK-U	32.8	-29.9	0	42.28	-	-	-	-	68.2	-25.92	95	177	V
5	8.937	34.29	PK-U	36.1	-23	0	47.39	-	-	-	-	68.2	-20.81	145	134	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



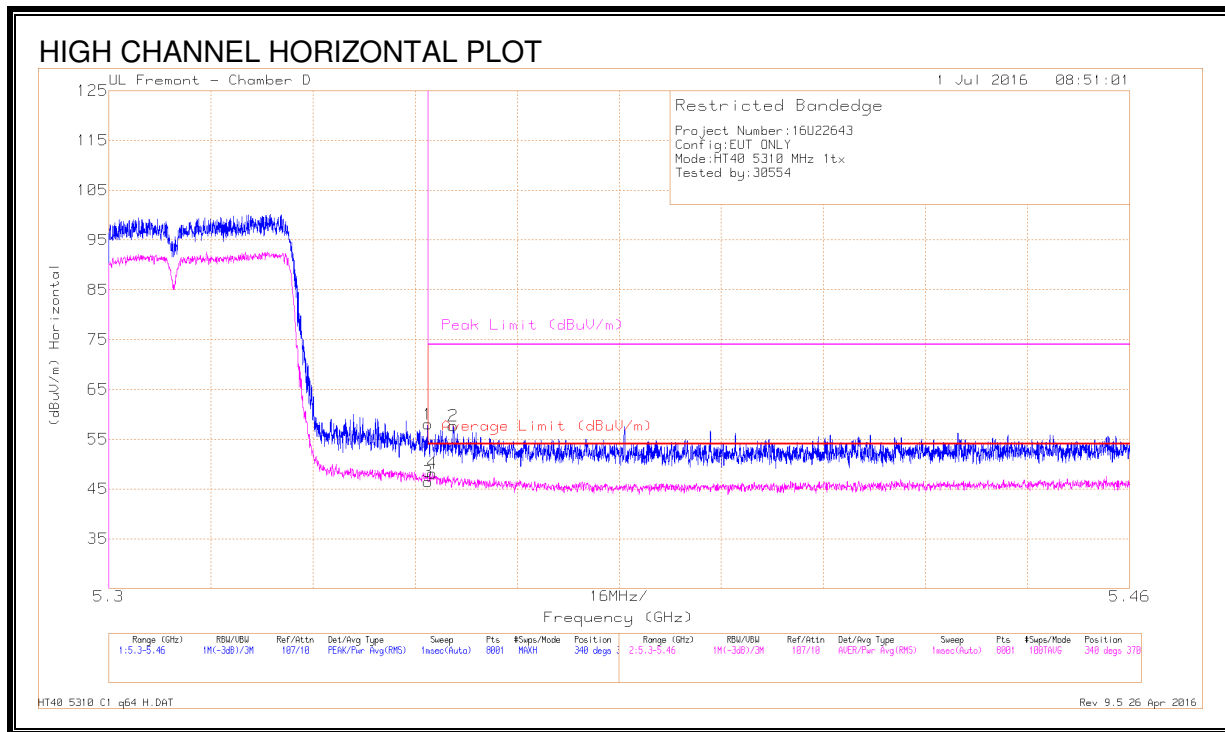
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Filtr/Passed (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 (Degrees)	Height (cm)	Polarity
3	* 4.218	37.64	PK-U	33.5	-27.5	0	43.64	-	-	74	-30.36	-	-	85	383	V
	* 4.218	26.67	ADR	33.5	-27.5	.1	32.77	54	-21.23	-	-	-	-	85	383	V
4	* 4.283	37.63	PK-U	33.5	-27.7	0	43.43	-	-	74	-30.57	-	-	273	208	V
	* 4.284	26.84	ADR	33.5	-27.8	.1	32.64	54	-21.36	-	-	-	-	273	208	V
5	* 9.484	33.22	PK-U	36.6	-21.3	0	48.52	-	-	74	-25.48	-	-	13	276	H
	* 9.484	22.57	ADR	36.6	-21.3	.1	37.97	54	-16.03	-	-	-	-	13	276	H
6	* 10.638	36.61	PK-U	37.8	-21.5	0	52.91	-	-	74	-21.09	-	-	286	110	V
	* 10.638	25.01	ADR	37.8	-21.5	.1	41.41	54	-12.59	-	-	-	-	286	110	V
1	2.552	39.03	PK-U	32.2	-29.6	0	41.63	-	-	-	-	68.2	-26.57	165	382	H
2	3.211	38.56	PK-U	33.9	-29.2	0	43.26	-	-	-	-	68.2	-24.94	120	358	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

9.18. 802.11n HT40 1Tx MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



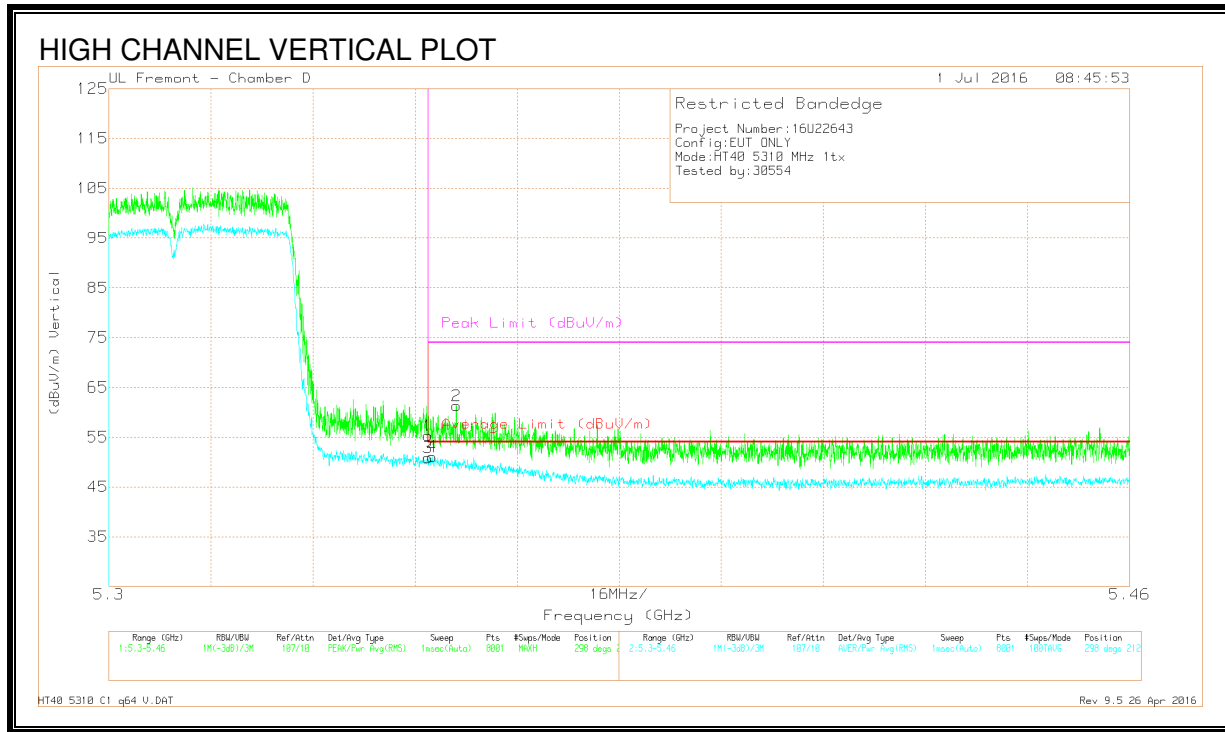
DATA

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 (Degrees)	Height (cm)	Polarity
1	* 5.35	41.89	Pk	34.3	-18.2	57.99	-	-	74	-16.01	340	370	H
2	* 5.354	41.6	Pk	34.3	-18.2	57.7	-	-	74	-16.3	340	370	H
3	* 5.35	30.38	RMS	34.3	-18.2	46.48	54	-7.52	-	-	340	370	H
4	* 5.351	32.07	RMS	34.3	-18.2	48.17	54	-5.83	-	-	340	370	H

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

Pk - Peak detector

RMS - RMS detection

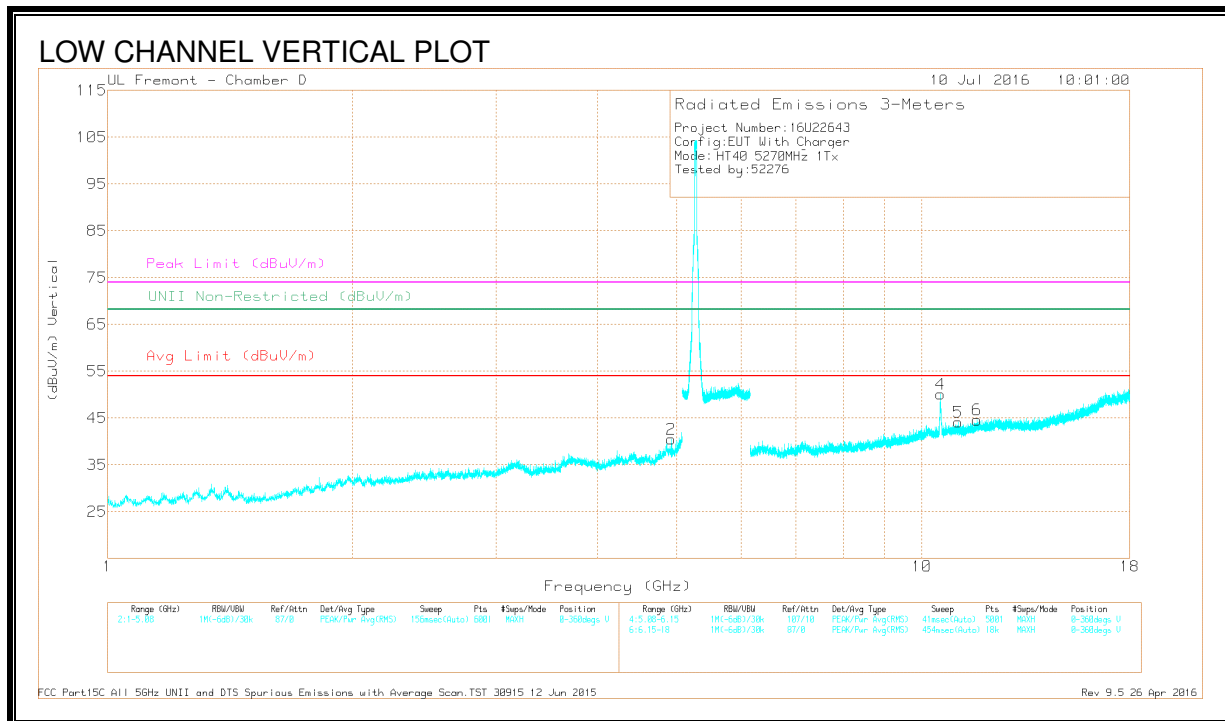
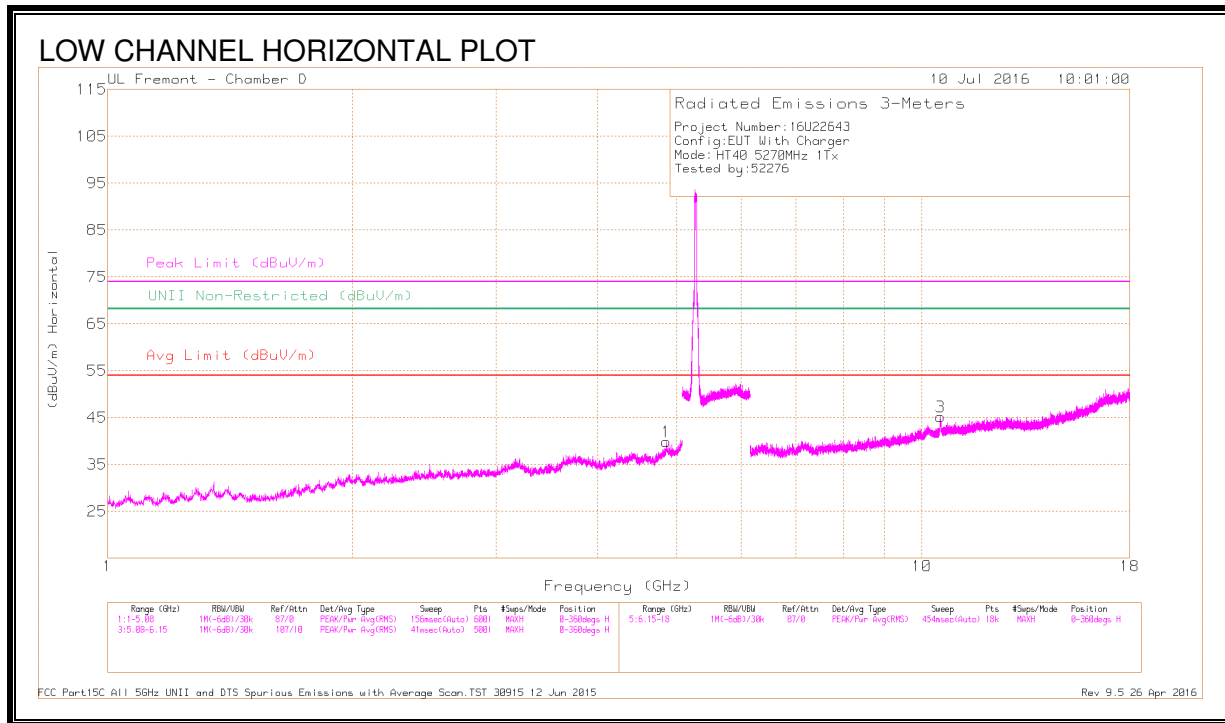


DATA

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 (Degrees)	Height (cm)	Polarity
1	* 5.35	39.21	Pk	34.3	-18.2	55.31	-	-	74	-18.69	298	212	V
2	* 5.354	45.19	Pk	34.3	-18.2	61.29	-	-	74	-12.71	298	212	V
3	* 5.35	34.78	RMS	34.3	-18.2	50.88	54	-3.12	-	-	298	212	V
4	* 5.351	35	RMS	34.3	-18.2	51.1	54	-2.9	-	-	298	212	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

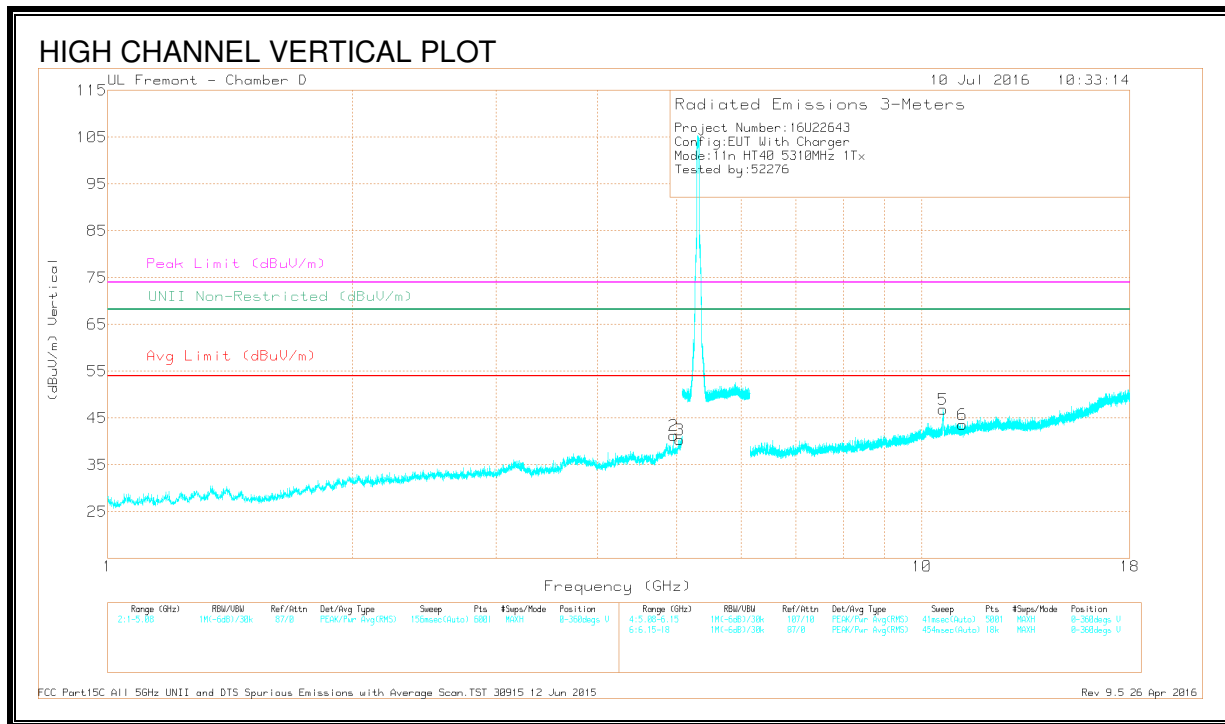
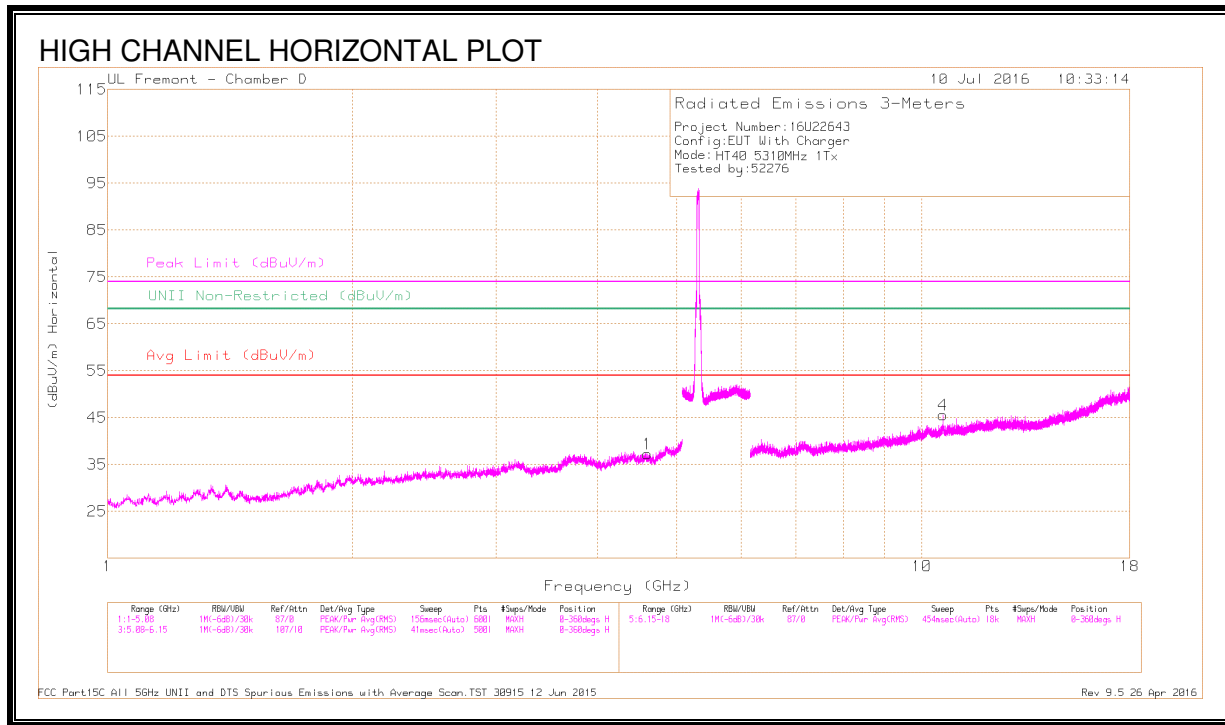


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/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 (Degrees)	Height (cm)	Polarity
1	* 4.853	35.42	PK-U	34.1	-25.4	44.12	-	-	74	-29.88	-	-	26	100	H
	* 4.853	25.2	ADR	34.1	-25.4	33.9	54	-20.1	-	-	-	-	26	100	H
2	* 4.917	35.65	PK-U	34.1	-26.2	43.55	-	-	74	-30.45	-	-	145	245	V
	* 4.921	25.16	ADR	34.1	-26.3	32.96	54	-21.04	-	-	-	-	145	245	V
4	* 11.086	31.8	PK-U	38	-21.1	48.7	-	-	74	-25.3	-	-	60	113	V
	* 11.085	22.05	ADR	38	-21	39.05	54	-14.95	-	-	-	-	60	113	V
5	* 11.69	31.9	PK-U	38.6	-20.7	49.8	-	-	74	-24.2	-	-	162	300	V
	* 11.689	21.76	ADR	38.6	-20.7	39.66	54	-14.34	-	-	-	-	162	300	V
3	10.537	36.19	PK-U	37.7	-21	52.89	-	-	-	-	68.2	-15.31	4	256	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

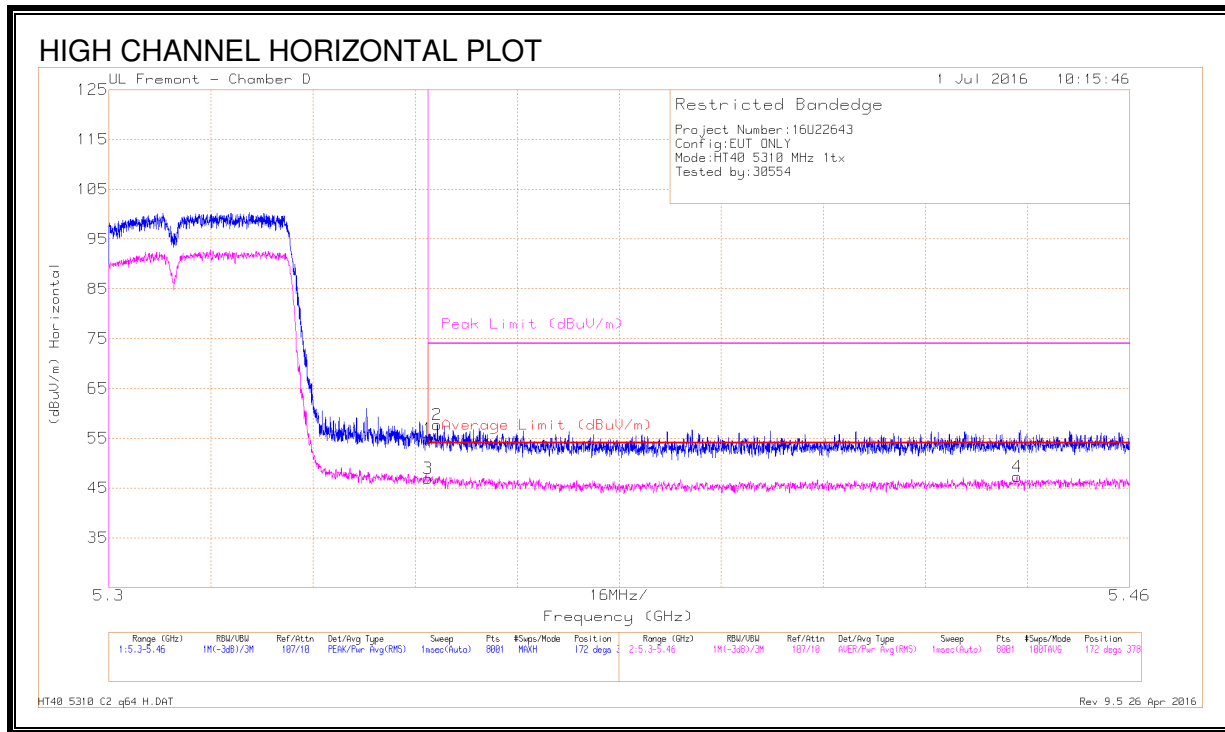


DATA

Marker	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 (Degrees)	Height (cm)	Polarity
1	* 4.604	35.29	PK-U	34.2	-26.7	42.79	-	-	74	-31.21	-	-	35	100	H
	* 4.601	24.93	ADR	34.2	-26.7	32.43	54	-21.57	-	-	-	-	35	100	H
2	* 4.956	41.46	PK-U	34.1	-26.6	48.96	-	-	74	-25.04	-	-	99	265	V
	* 4.956	34.77	ADR	34.1	-26.6	42.27	54	-11.73	-	-	-	-	99	265	V
3	* 5.037	38.49	PK-U	34	-25.4	47.09	-	-	74	-26.91	-	-	95	228	V
	* 5.038	28.15	ADR	34	-25.4	36.75	54	-17.25	-	-	-	-	95	228	V
4	* 10.62	35.81	PK-U	37.8	-21.3	52.31	-	-	74	-21.69	-	-	16	288	H
	* 10.619	25.17	ADR	37.8	-21.2	41.77	54	-12.23	-	-	-	-	16	288	H
5	* 10.62	35.88	PK-U	37.8	-21.3	52.38	-	-	74	-21.62	-	-	218	102	V
	* 10.619	25.92	ADR	37.8	-21.2	42.52	54	-11.48	-	-	-	-	218	102	V
6	* 11.212	32.64	PK-U	38.2	-21.2	49.64	-	-	74	-24.36	-	-	282	156	V
	* 11.211	21.95	ADR	38.2	-21.2	38.95	54	-15.05	-	-	-	-	282	156	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

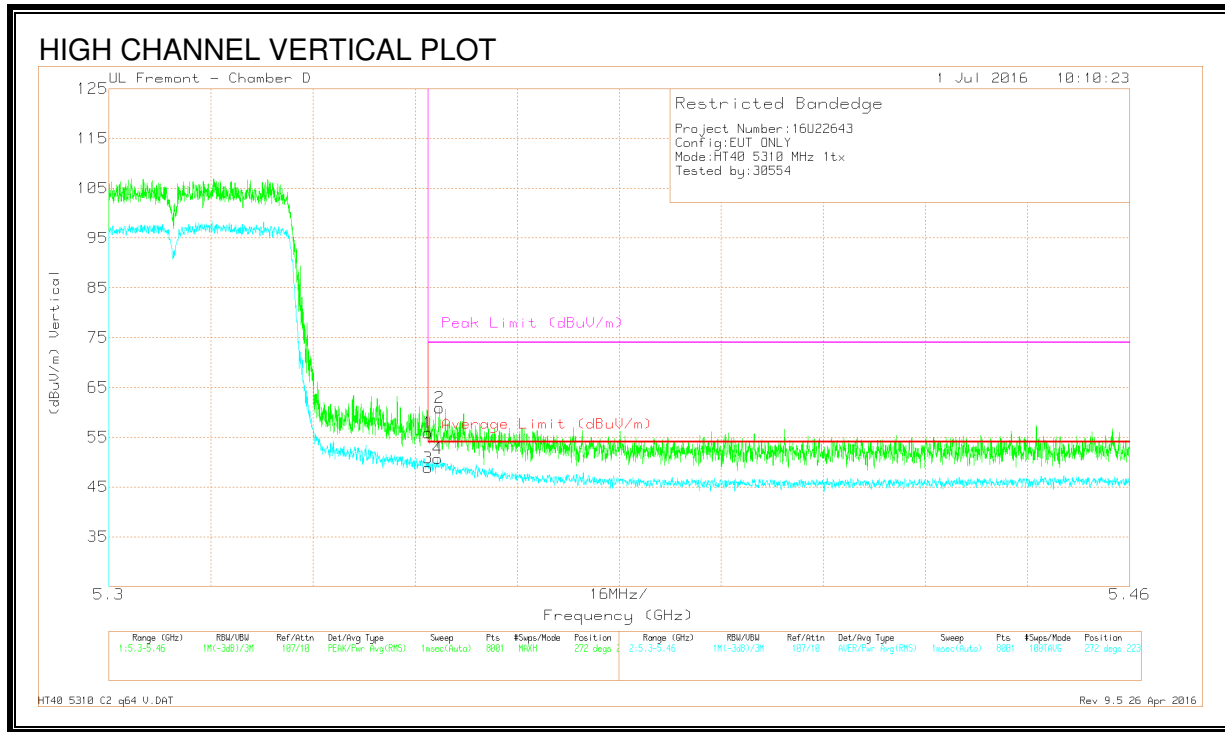
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



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 (Degrees)	Height (cm)	Polarity
1	* 5.35	38.85	Pk	34.3	-18.2	54.95	-	-	74	-19.05	172	378	H
2	* 5.352	41.62	Pk	34.3	-18.2	57.72	-	-	74	-16.28	172	378	H
3	* 5.35	30.85	RMS	34.3	-18.2	46.95	54	-7.05	-	-	172	378	H
4	* 5.442	30.89	RMS	34.4	-18	47.29	54	-6.71	-	-	172	378	H

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



DATA

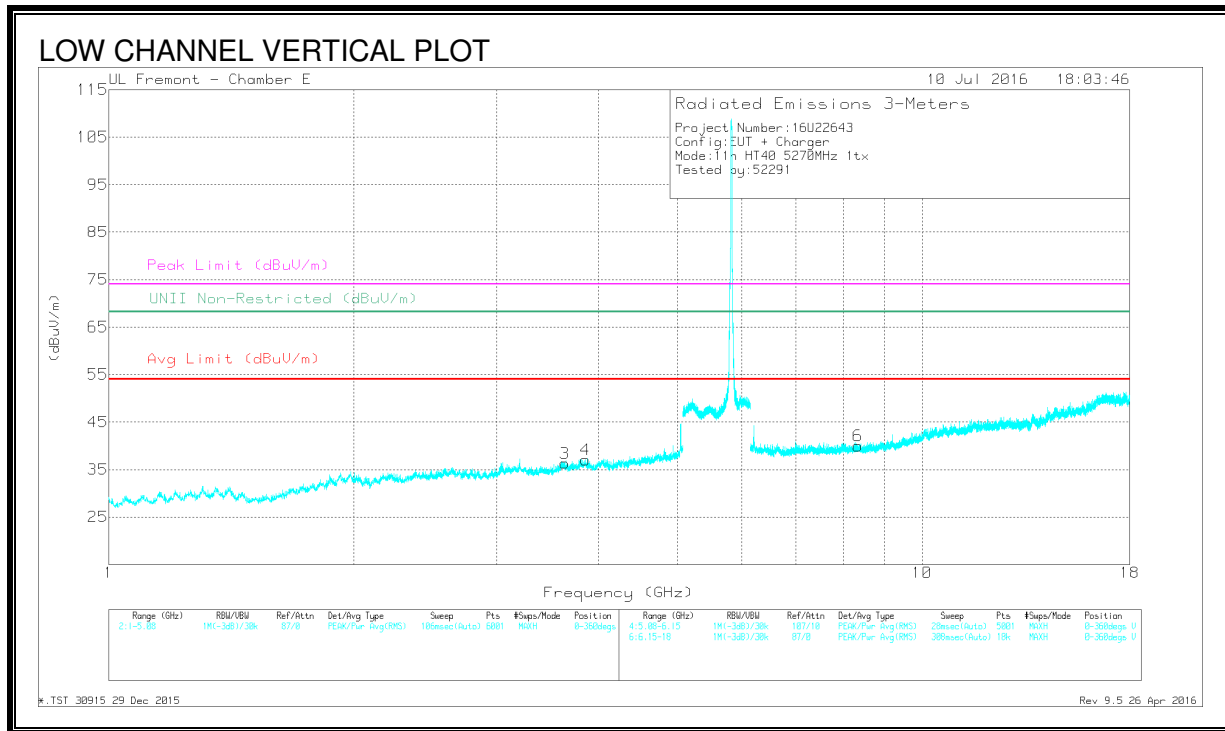
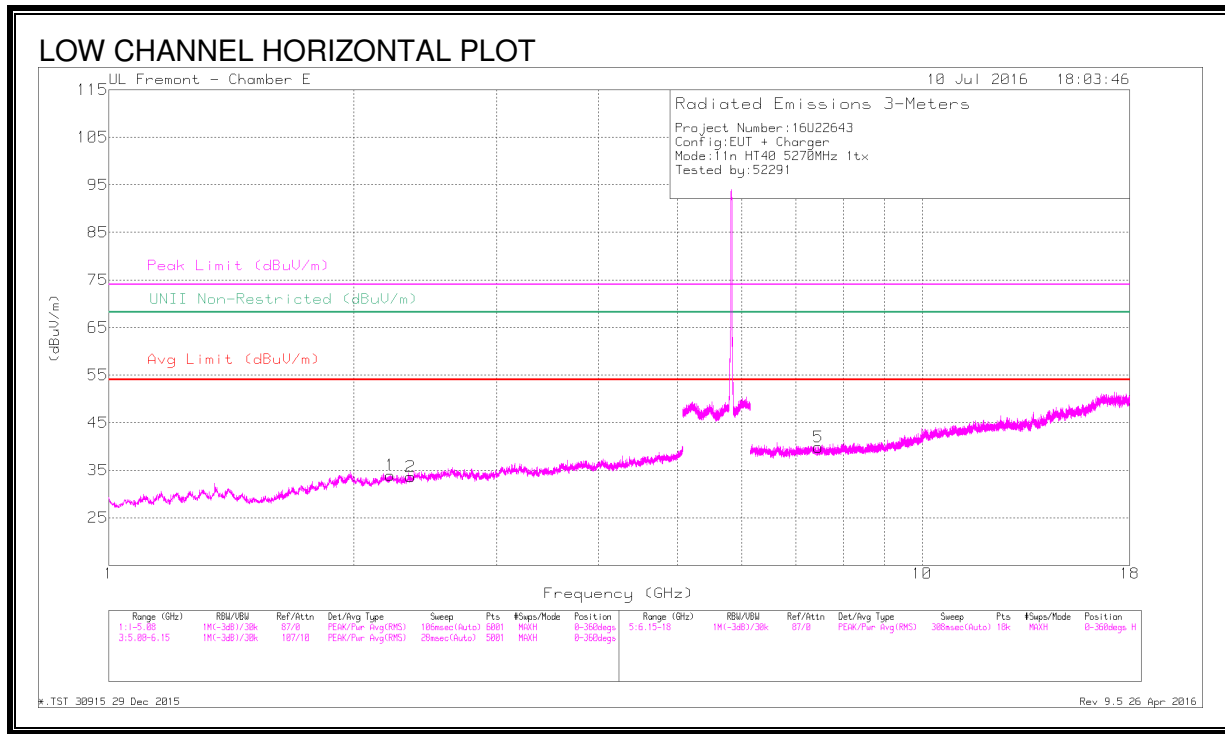
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	39.79	Pk	34.3	-18.2	55.89	-	-	74	-18.11	272	223	V
2	* 5.352	44.8	Pk	34.3	-18.2	60.9	-	-	74	-13.1	272	223	V
3	* 5.35	32.73	RMS	34.3	-18.2	48.83	54	-5.17	-	-	272	223	V
4	* 5.352	34.61	RMS	34.3	-18.2	50.71	54	-3.29	-	-	272	223	V

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

Pk - Peak detector

RMS - RMS detection

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

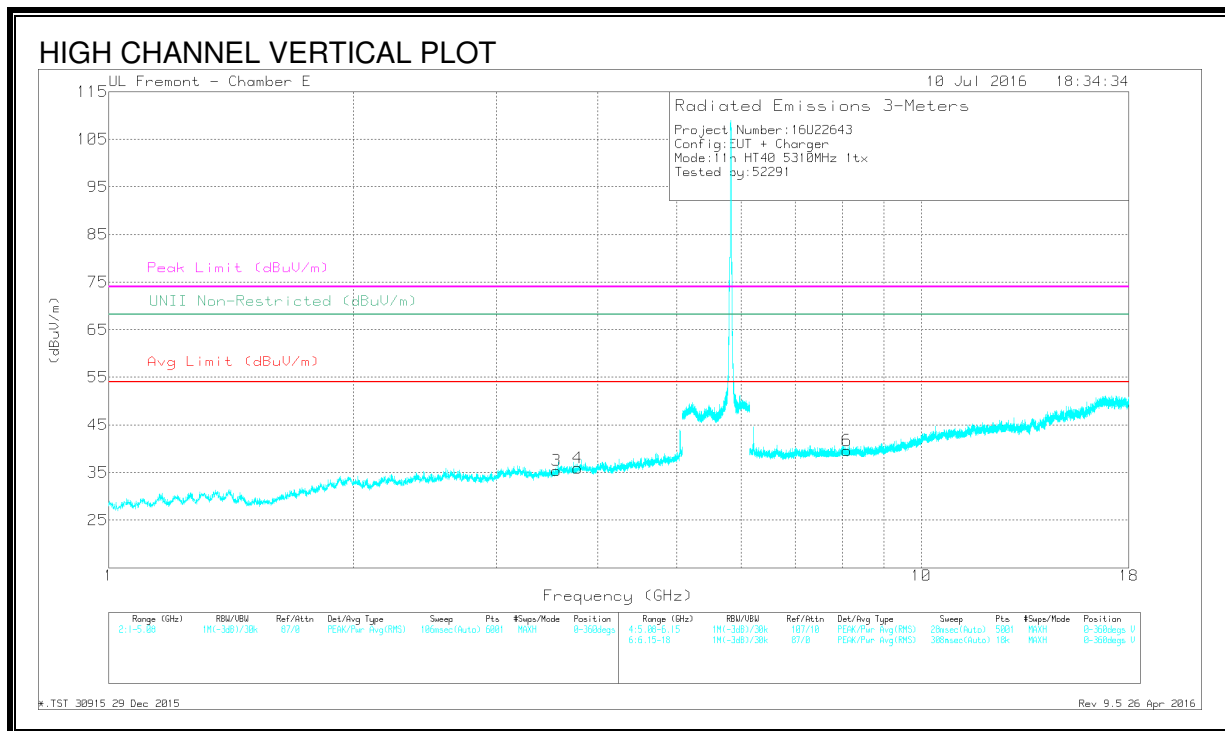
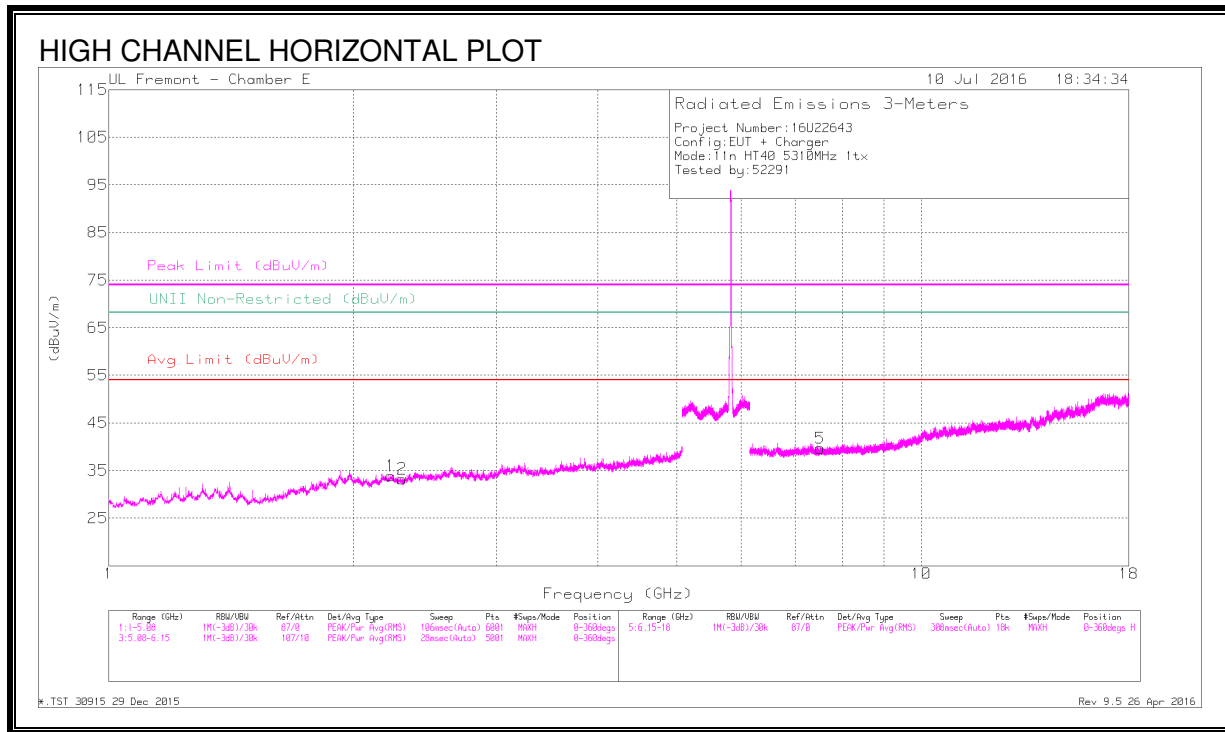
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/PA d (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.221	42.29	PK-U	31.8	-32.5	41.59	-	-	74	-32.41	-	-	14	204	H
	* 2.219	30.86	ADR	31.8	-32.5	30.16	54	-23.84	-	-	-	-	14	204	H
2	* 2.353	41.74	PK-U	31.8	-32.4	41.14	-	-	74	-32.86	-	-	74	181	H
	* 2.351	31.08	ADR	31.8	-32.5	30.38	54	-23.62	-	-	-	-	74	181	H
3	* 3.636	40.6	PK-U	33	-30.8	42.8	-	-	74	-31.2	-	-	103	199	V
	* 3.634	30.15	ADR	33	-30.8	32.35	54	-21.65	-	-	-	-	103	199	V
4	* 3.855	40.31	PK-U	33.2	-29.8	43.71	-	-	74	-30.29	-	-	81	186	V
	* 3.858	29.92	ADR	33.2	-29.9	33.22	54	-20.78	-	-	-	-	81	186	V
5	* 7.459	37.75	PK-U	35.5	-27.4	45.85	-	-	74	-28.15	-	-	89	201	H
	* 7.458	28.24	ADR	35.5	-27.4	36.34	54	-17.66	-	-	-	-	89	201	H
6	* 8.345	38.07	PK-U	35.7	-26.8	46.97	-	-	74	-27.03	-	-	164	209	V
	* 8.344	28	ADR	35.7	-26.8	36.9	54	-17.1	-	-	-	-	164	209	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



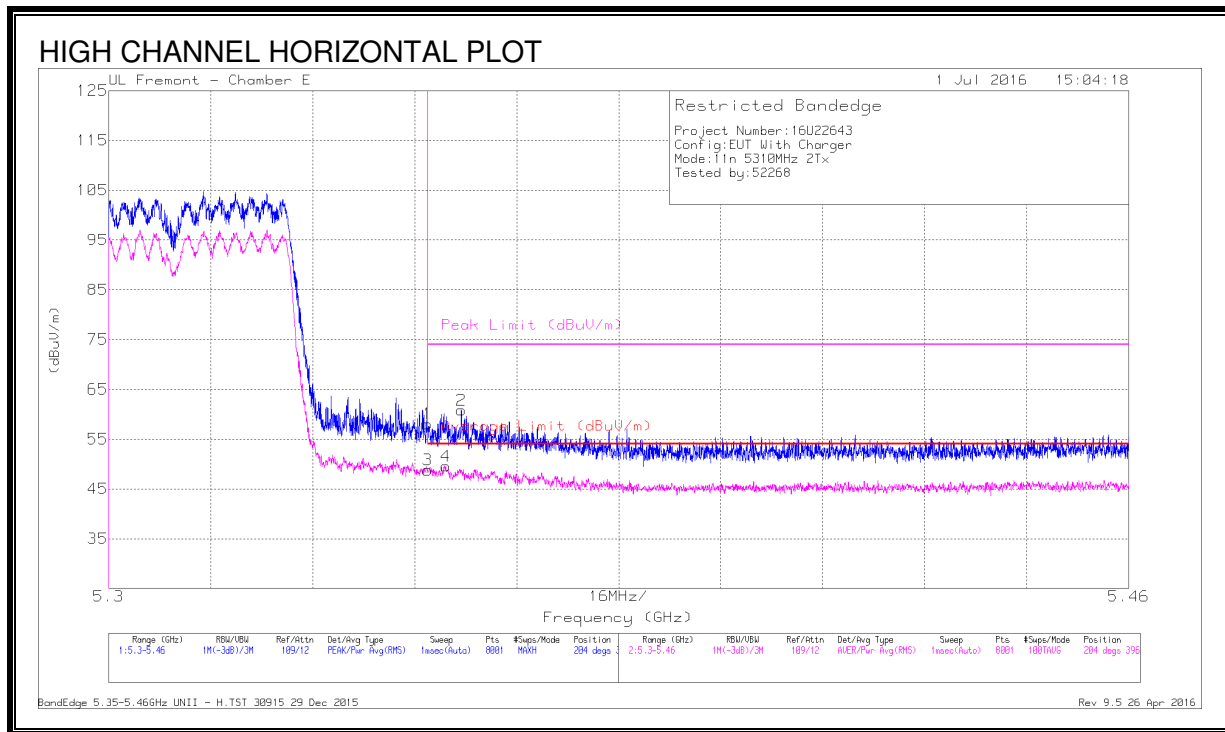
DATA

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 (Degrees)	Height (cm)	Polarity
1	* 2.225	41.84	PK-U	31.8	-32.6	41.04	-	-	74	-32.96	-	-	17	124	H
	* 2.225	30.93	ADR	31.7	-32.6	30.03	54	-23.97	-	-	-	-	17	124	H
2	* 2.298	42.46	PK-U	31.5	-33.5	40.46	-	-	74	-33.54	-	-	31	139	H
	* 2.296	31.97	ADR	31.5	-33.5	29.97	54	-24.03	-	-	-	-	31	139	H
3	* 3.557	40.67	PK-U	33	-30.4	43.27	-	-	74	-30.73	-	-	85	117	V
	* 3.555	29.89	ADR	32.9	-30.5	32.29	54	-21.71	-	-	-	-	85	117	V
4	* 3.774	40.67	PK-U	33.1	-31	42.77	-	-	74	-31.23	-	-	155	138	V
	* 3.776	30.6	ADR	33.1	-31	32.7	54	-21.3	-	-	-	-	155	138	V
5	* 7.505	38.65	PK-U	35.5	-27.2	46.95	-	-	74	-27.05	-	-	202	159	H
	* 7.504	28.15	ADR	35.5	-27.2	36.45	54	-17.55	-	-	-	-	202	159	H
6	* 8.097	37.32	PK-U	35.6	-26.9	46.02	-	-	74	-27.98	-	-	146	207	V
	* 8.098	27.77	ADR	35.6	-26.9	36.47	54	-17.53	-	-	-	-	146	207	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

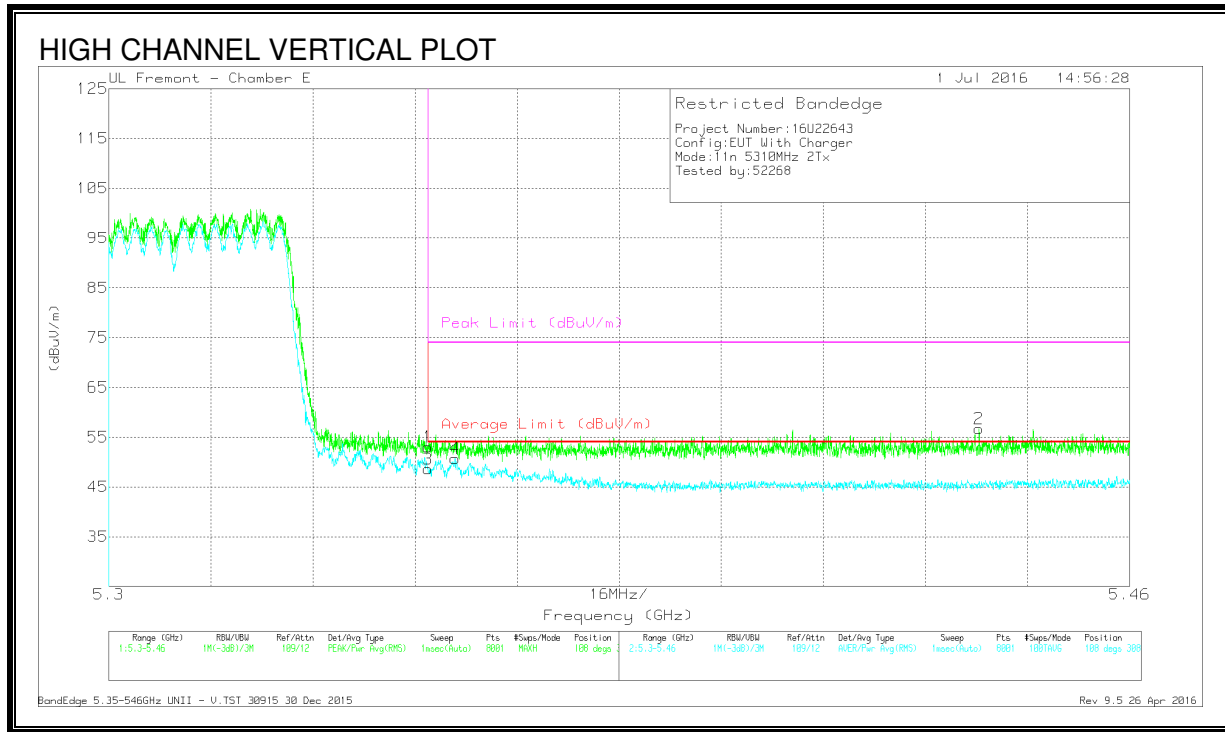
9.19. 802.11n HT40 2Tx CDD MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

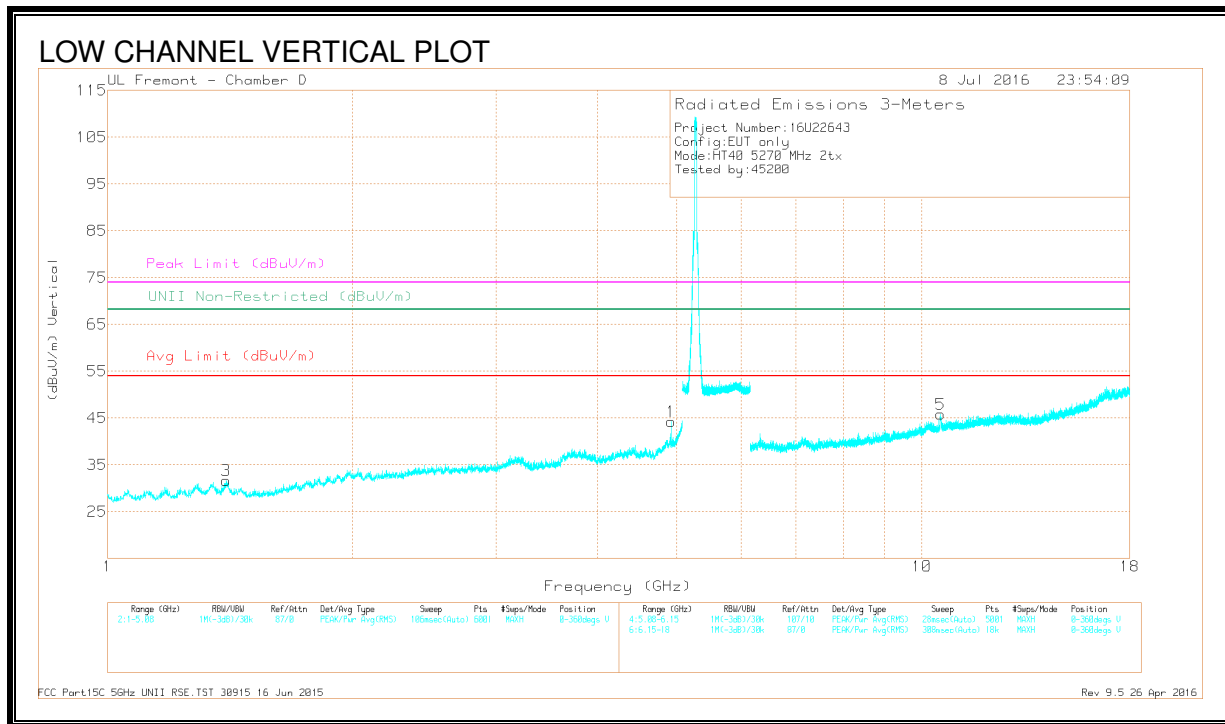
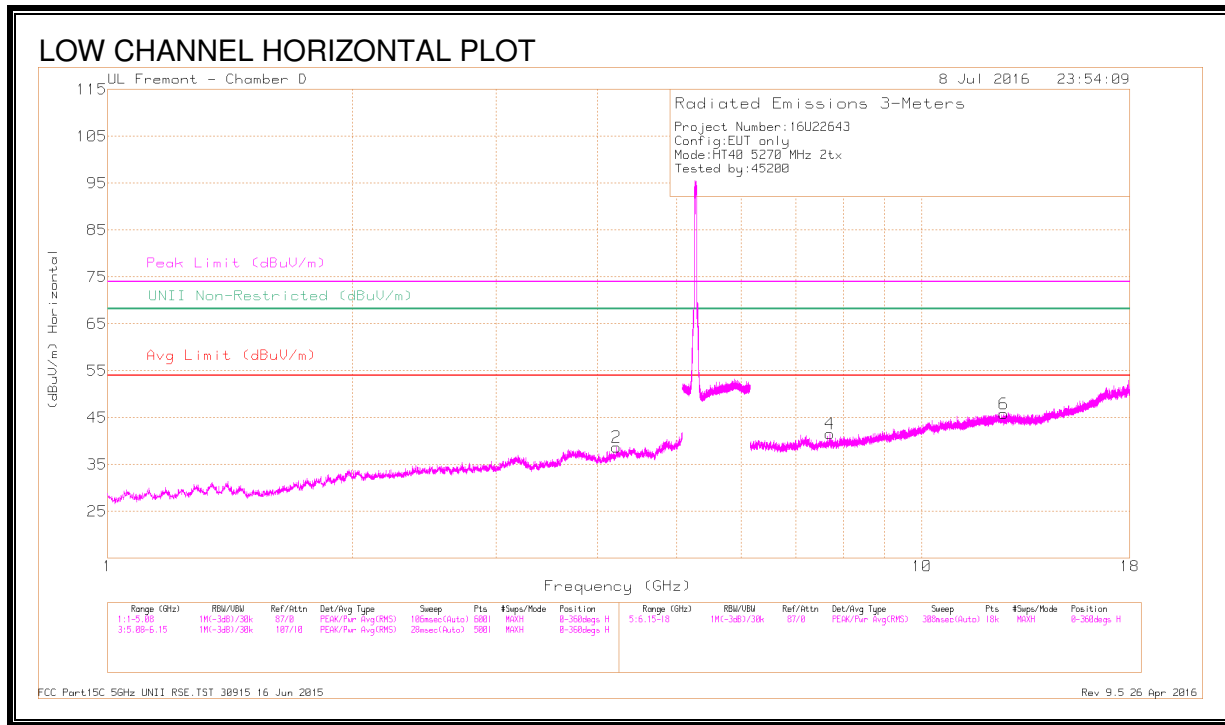
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	43.25	Pk	34.4	-19.6	58.05	-	-	74	-15.95	204	396	H
3	* 5.35	34.01	RMS	34.4	-19.6	48.81	54	-5.19	-	-	204	396	H
4	* 5.353	34.79	RMS	34.4	-19.6	49.59	54	-4.41	-	-	204	396	H
2	* 5.355	46.04	Pk	34.4	-19.6	60.84	-	-	74	-13.16	204	396	H



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 (Degrees)	Height (cm)	Polarity
1	* 5.35	38.24	Pk	34.4	-19.6	53.04	-	-	74	-20.96	108	308	V
2	* 5.436	41.91	PK	34.4	-19.6	56.71	-	-	74	-17.29	108	308	V
3	* 5.35	33.82	RMS	34.4	-19.6	48.62	54	-5.38	-	-	108	308	V
4	* 5.354	35.94	RMS	34.4	-19.6	50.74	54	-3.26	-	-	108	308	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

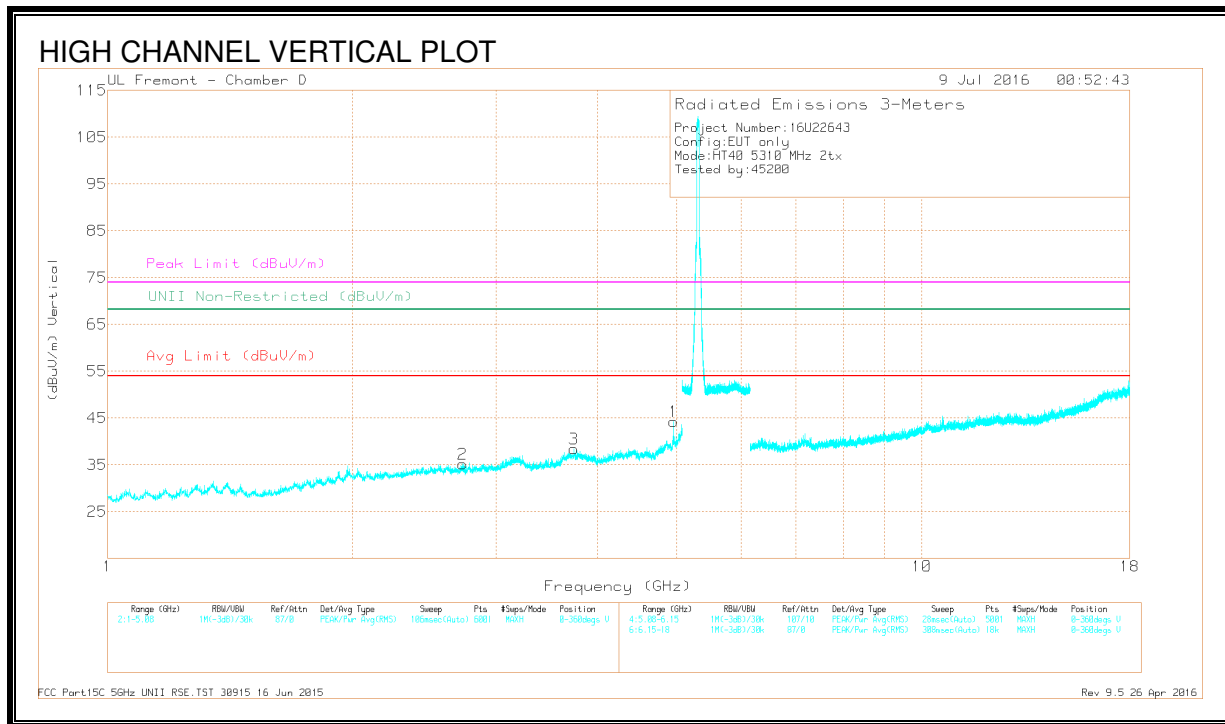
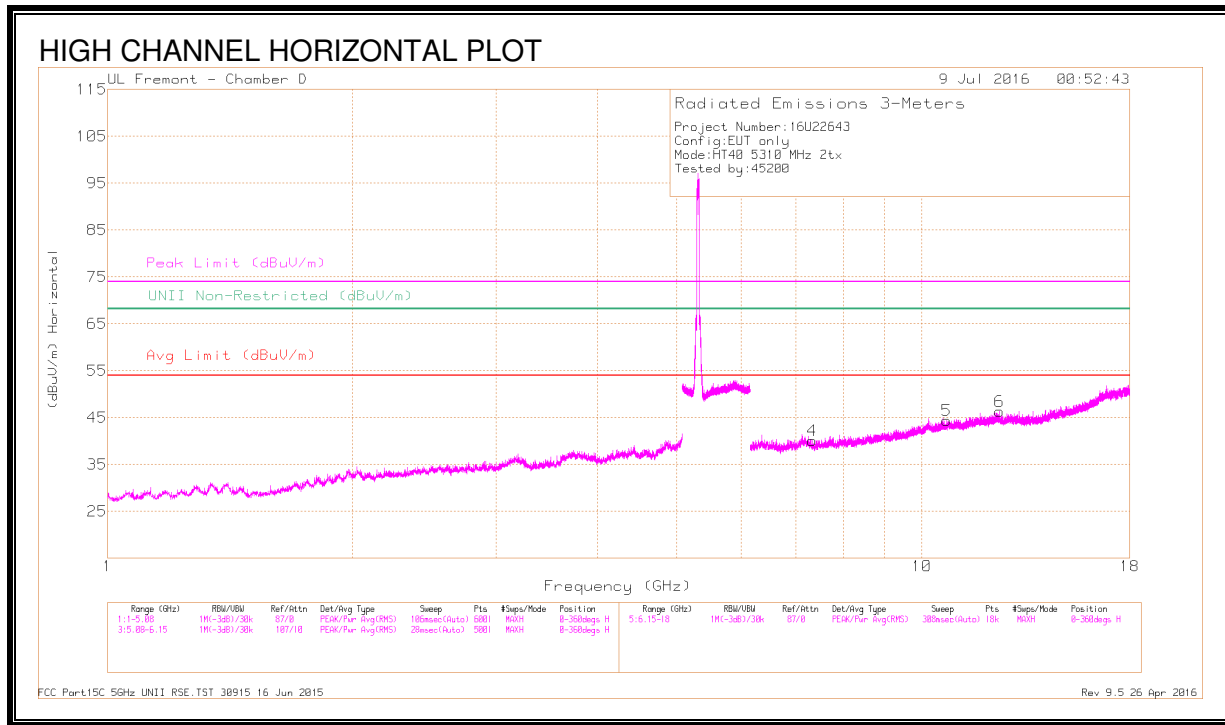
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
2	* 4.216	37.51	PK-U	33.5	-27.6	43.41	-	-	74	-30.59	-	-	109	360	H
	* 4.214	26.9	ADR	33.5	-27.6	32.8	54	-21.2	-	-	-	-	109	360	H
1	* 4.918	42.98	PK-U	34.1	-26.2	50.88	-	-	74	-23.12	-	-	20	266	V
	* 4.919	37.04	ADR	34.1	-26.2	44.94	54	-9.06	-	-	-	-	20	266	V
3	* 1.398	40.66	PK-U	29	-31.2	38.46	-	-	74	-35.54	-	-	68	250	V
	* 1.398	29.64	ADR	29	-31.2	27.44	54	-26.56	-	-	-	-	68	250	V
4	* 7.709	35.52	PK-U	35.8	-24	47.32	-	-	74	-26.68	-	-	42	135	H
	* 7.711	24.66	ADR	35.8	-24	36.46	54	-17.54	-	-	-	-	42	135	H
6	* 12.603	33.8	PK-U	39.1	-21.6	51.3	-	-	74	-22.7	-	-	360	331	H
	* 12.6	23.63	ADR	39.1	-21.6	41.13	54	-12.87	-	-	-	-	360	331	H
5	10.536	36.8	PK-U	37.7	-21	53.5	-	-	-	-	68.2	-14.7	141	110	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequenc y (GHz)	Meter Readi ng (dBuV)	Det	AF T712 (dB/ m)	Amp/Cbl/Flt r/Pad (dB)	Correc ted Readi ng (dBuV /m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margi n (dB)	UNII Non- Restricted (dBuV/m)	PK Margi n (dB)	Azim uth (Degs)	Heig ht (cm)	Polar ity
1	* 4.956	43.6	PK-U	34.1	-26.6	51.1	-	-	74	-22.9	-	-	360	260	V
	* 4.956	37.51	ADR	34.1	-26.6	45.01	54	-8.99	-	-	-	-	360	260	V
2	* 2.728	39.56	PK-U	32.4	-30.2	41.76	-	-	74	-32.24	-	-	254	164	V
	* 2.727	28.36	ADR	32.4	-30.2	30.56	54	-23.44	-	-	-	-	254	164	V
3	* 3.737	38.26	PK-U	33.5	-28.8	42.96	-	-	74	-31.04	-	-	273	239	V
	* 3.734	27.45	ADR	33.5	-28.8	32.15	54	-21.85	-	-	-	-	273	239	V
4	* 7.338	36.68	PK-U	35.6	-25.6	46.68	-	-	74	-27.32	-	-	134	175	H
	* 7.34	26.05	ADR	35.6	-25.5	36.15	54	-17.85	-	-	-	-	134	175	H
5	* 10.722	33.9	PK-U	37.9	-21.2	50.6	-	-	74	-23.4	-	-	74	274	H
	* 10.725	23.6	ADR	37.9	-21.1	40.4	54	-13.6	-	-	-	-	74	274	H
6	* 12.458	33.97	PK-U	39.1	-21.1	51.97	-	-	74	-22.03	-	-	216	352	H
	* 12.455	24.05	ADR	39.1	-21.1	42.05	54	-11.95	-	-	-	-	216	352	H

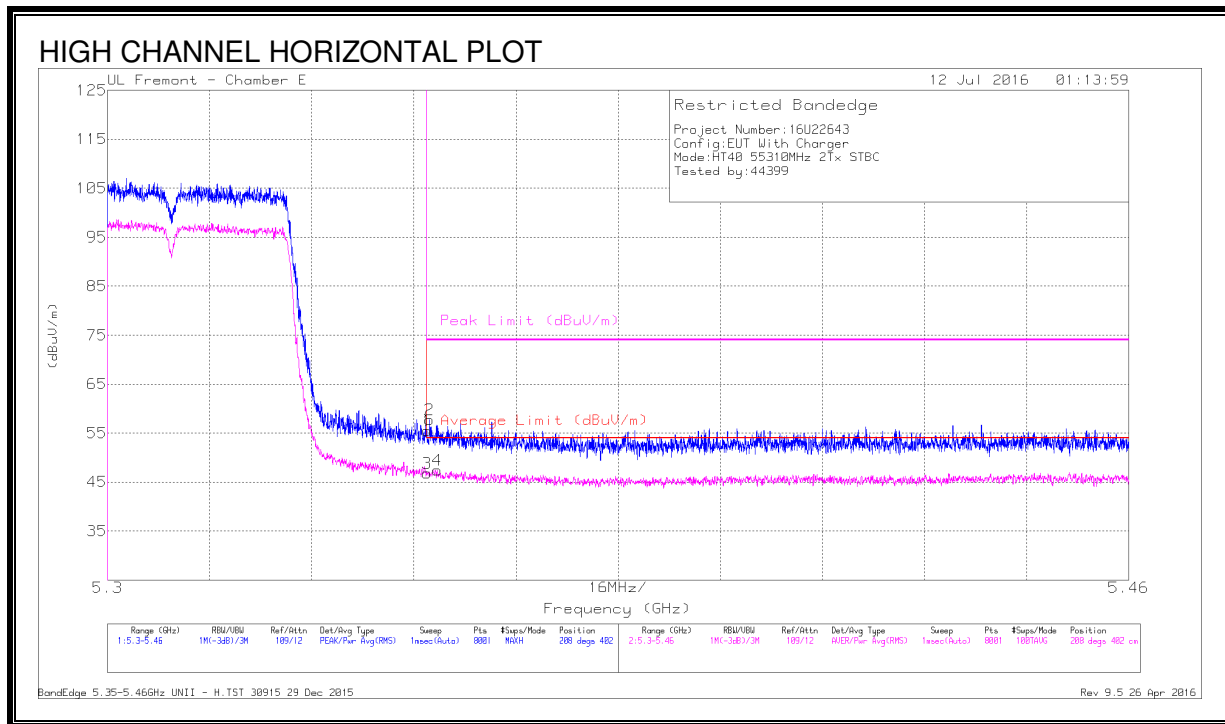
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

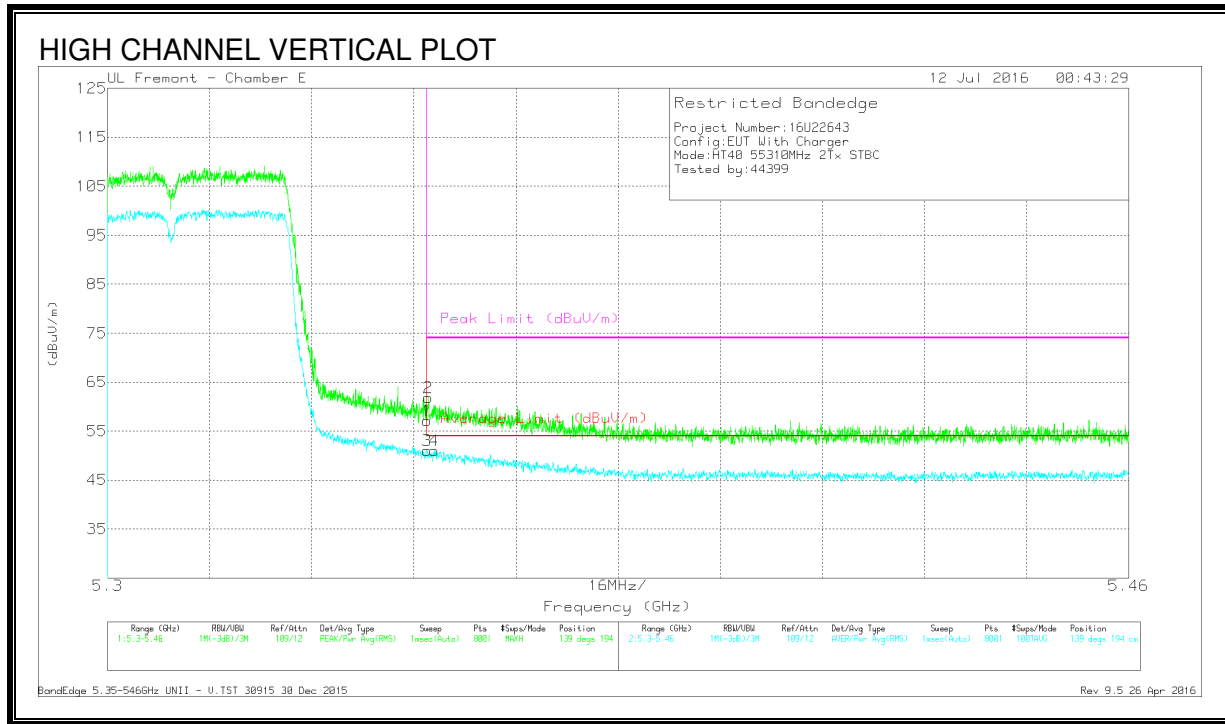
9.20. 802.11n HT40 2Tx STBC MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

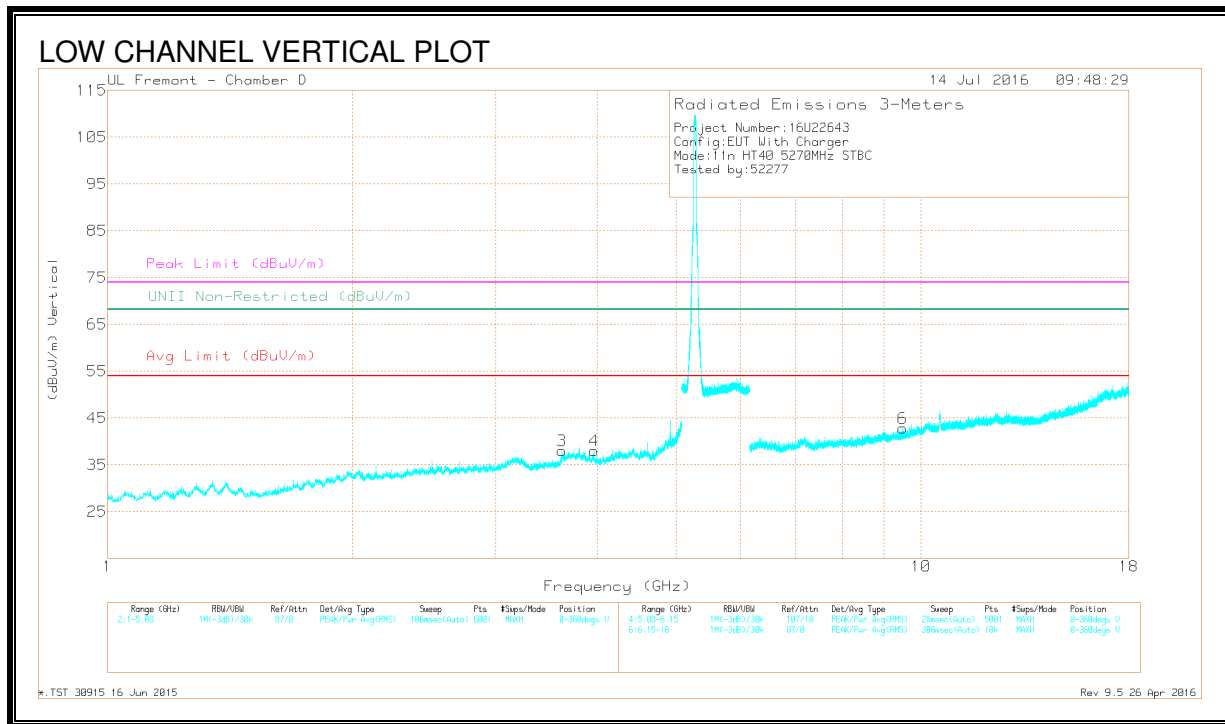
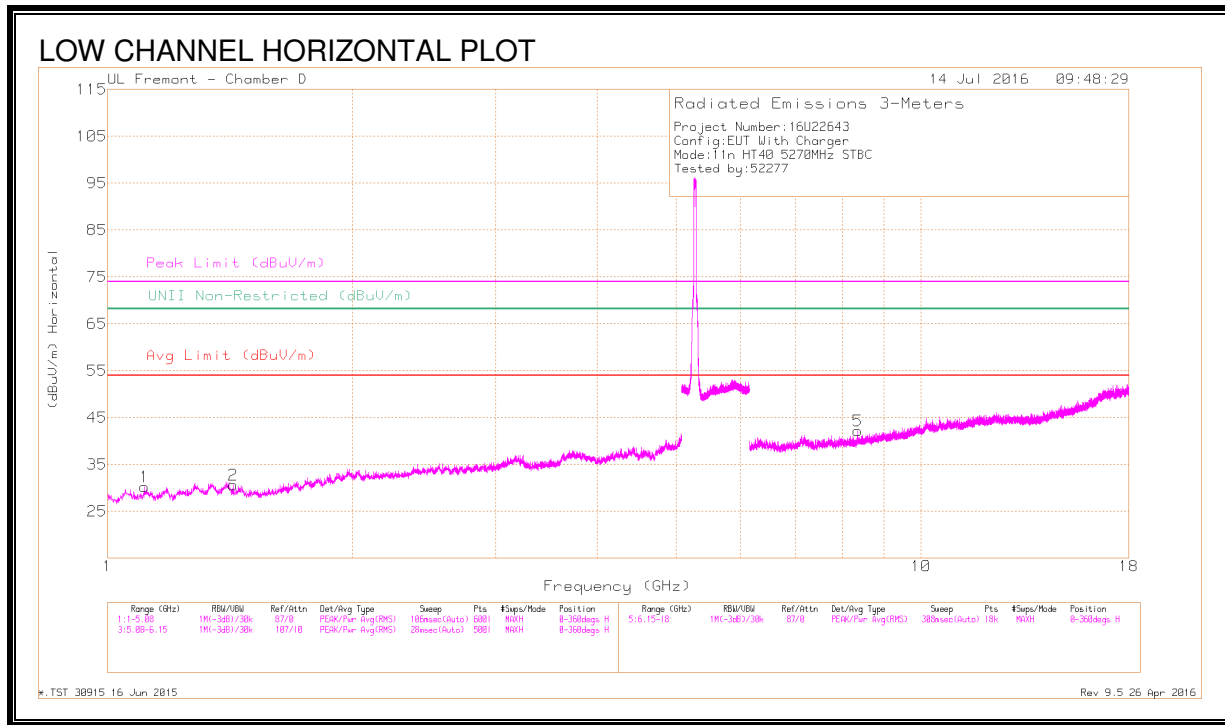
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	40.65	Pk	34.4	-19.6	55.45	-	-	74	-18.55	208	402	H
2	* 5.35	42.95	Pk	34.4	-19.6	57.75	-	-	74	-16.25	208	402	H
3	* 5.35	32.01	RMS	34.4	-19.6	46.81	54	-7.19	-	-	208	402	H
4	* 5.352	32.69	RMS	34.4	-19.6	47.49	54	-6.51	-	-	208	402	H



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 (Degrees)	Height (cm)	Polarity
1	* 5.35	42.36	Pk	34.4	-19.6	57.16	-	-	74	-16.84	139	194	V
2	* 5.35	47.05	Pk	34.4	-19.6	61.85	-	-	74	-12.15	139	194	V
3	* 5.35	36.23	RMS	34.4	-19.6	51.03	54	-2.97	-	-	139	194	V
4	* 5.351	36.22	RMS	34.4	-19.6	51.02	54	-2.98	-	-	139	194	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

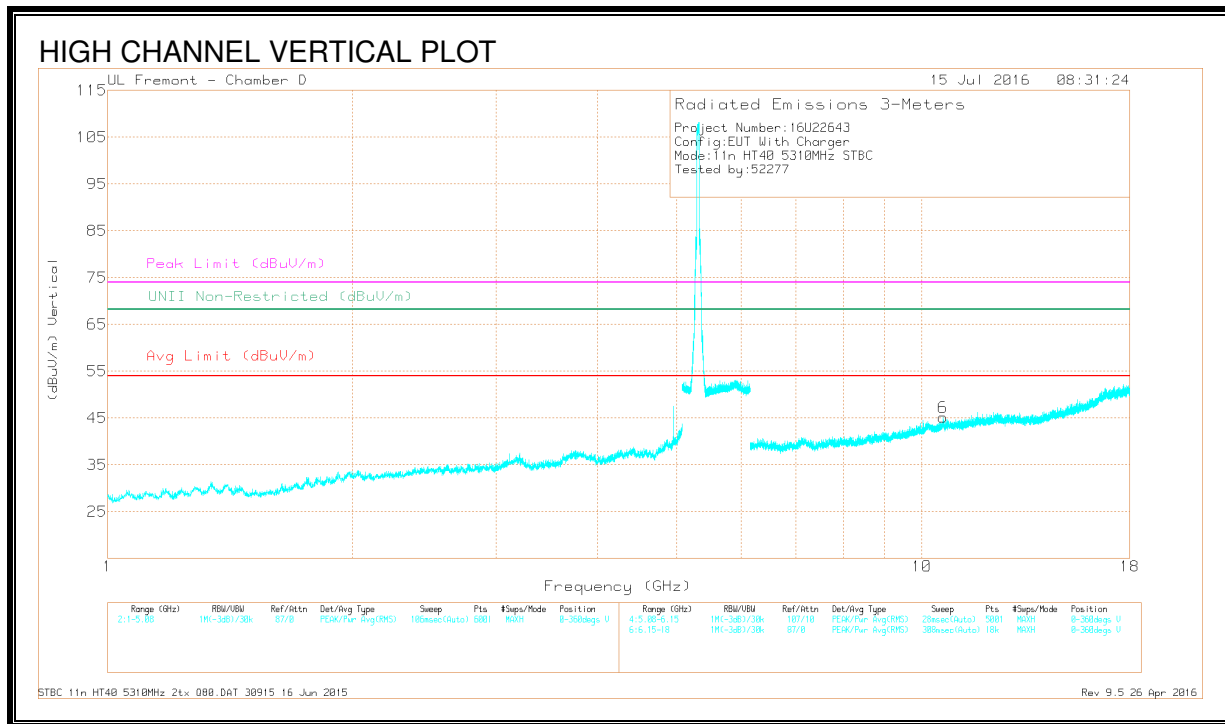
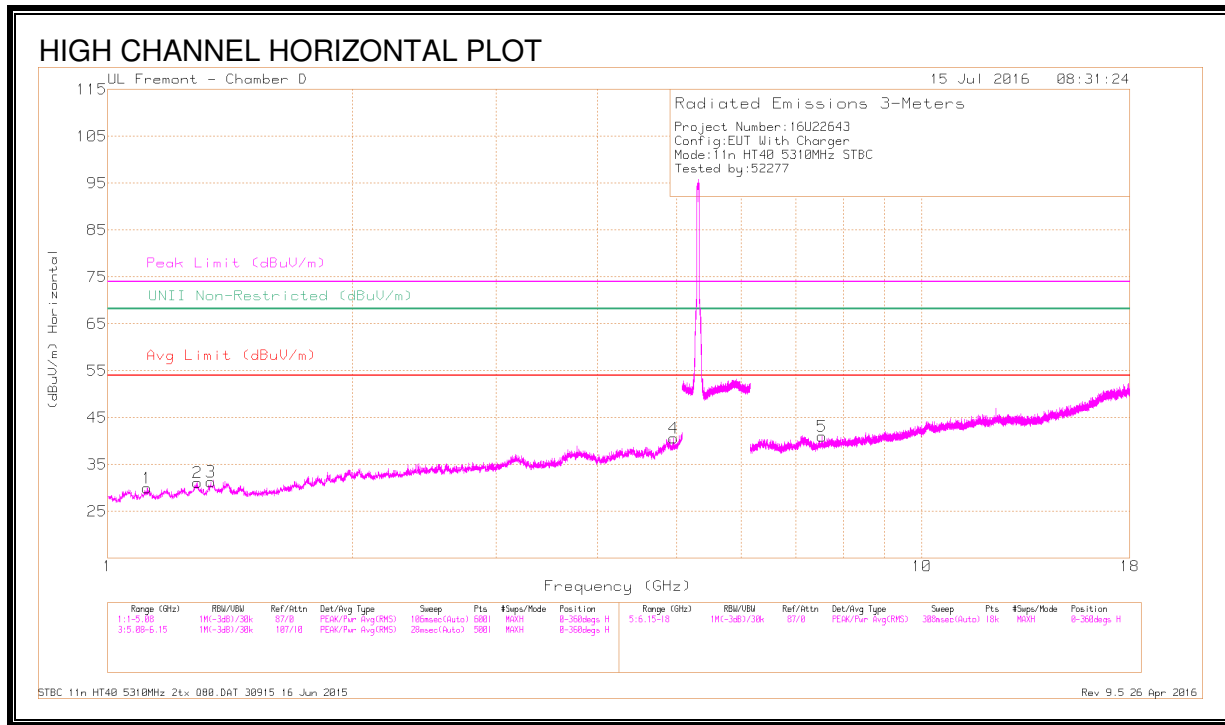
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.111	40.12	PK-U	27.7	-31.9	0	35.92	-	-	74	-38.08	-	-	170	276	H
	* 1.111	29.49	ADR	27.7	-31.9	.16	25.45	54	-28.55	-	-	-	-	170	276	H
2	* 1.427	39.34	PK-U	28.7	-31.3	0	36.74	-	-	74	-37.26	-	-	186	360	H
	* 1.426	28.34	ADR	28.7	-31.3	.16	25.9	54	-28.1	-	-	-	-	186	360	H
3	* 3.615	37.25	PK-U	33.3	-28.9	0	41.65	-	-	74	-32.35	-	-	224	379	V
	* 3.617	27.05	ADR	33.3	-28.9	.16	31.61	54	-22.39	-	-	-	-	224	379	V
4	* 3.959	38.11	PK-U	33.4	-27.9	0	43.61	-	-	74	-30.39	-	-	29	370	V
	* 3.962	26.98	ADR	33.4	-27.9	.16	32.64	54	-21.36	-	-	-	-	29	370	V
5	* 8.361	34.98	PK-U	35.8	-23.2	0	47.58	-	-	74	-26.42	-	-	268	237	H
	* 8.362	24	ADR	35.8	-23.2	.16	36.76	54	-17.24	-	-	-	-	268	237	H
6	* 9.488	33.13	PK-U	36.6	-21.3	0	48.43	-	-	74	-25.57	-	-	237	262	V
	* 9.491	22.53	ADR	36.6	-21.3	.16	37.99	54	-16.01	-	-	-	-	237	262	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



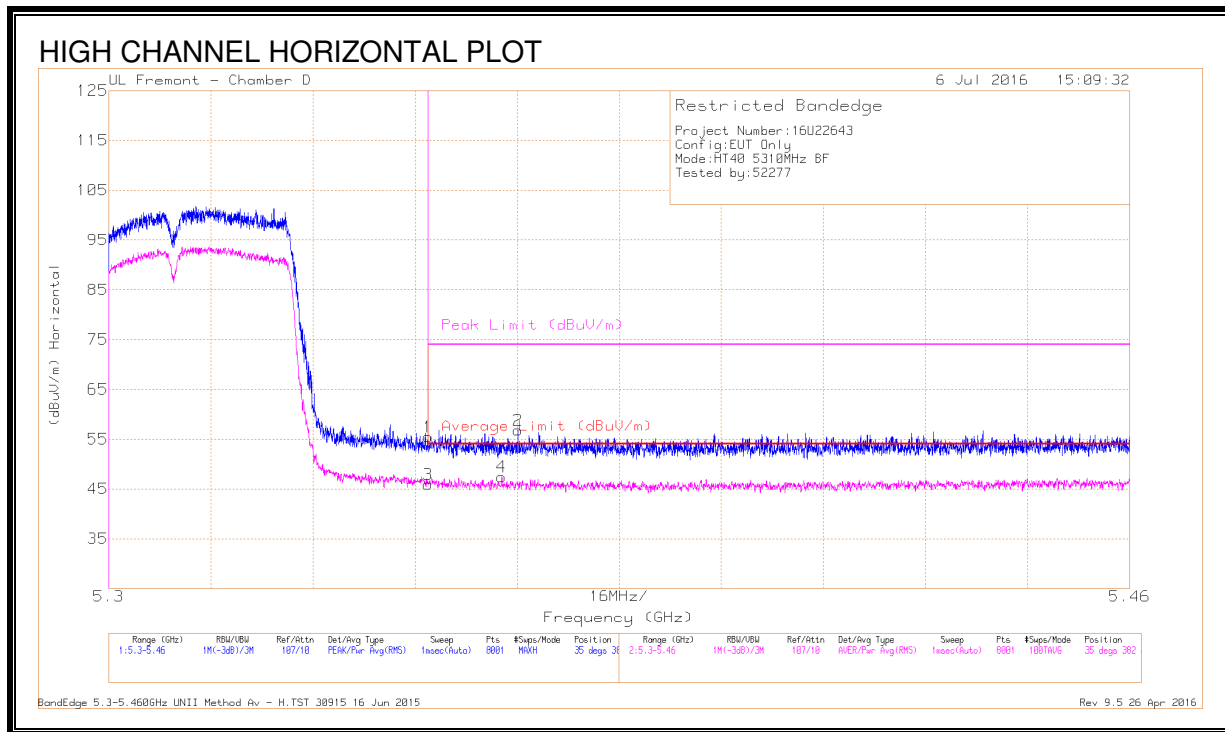
DATA

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/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	* 1.118	41.41	PK-U	27.7	-31.9	0	37.21	-	-	74	-36.79	-	-	60	128	H
	* 1.117	29.74	ADR	27.7	-31.9	.16	25.7	54	-28.3	-	-	-	-	60	128	H
2	* 1.289	40.66	PK-U	28.8	-31.7	0	37.76	-	-	74	-36.24	-	-	60	364	H
	* 1.287	29.49	ADR	28.8	-31.7	.16	26.75	54	-27.25	-	-	-	-	60	364	H
3	* 1.339	40.45	PK-U	28.9	-31.3	0	38.05	-	-	74	-35.95	-	-	127	141	H
	* 1.34	29.69	ADR	28.9	-31.3	.16	27.45	54	-26.55	-	-	-	-	127	141	H
4	* 4.956	40.91	PK-U	34.1	-26.6	0	48.41	-	-	74	-25.59	-	-	211	385	H
	* 4.956	30.75	ADR	34.1	-26.6	.16	38.41	54	-15.59	-	-	-	-	211	385	H
5	* 7.541	36.24	PK-U	35.7	-24.4	0	47.54	-	-	74	-26.46	-	-	129	286	H
	* 7.538	24.63	ADR	35.7	-24.4	.16	36.09	54	-17.91	-	-	-	-	129	286	H
6	* 10.619	35.68	PK-U	37.8	-21.2	0	52.28	-	-	74	-21.72	-	-	130	104	V
	* 10.619	24.59	ADR	37.8	-21.2	.16	41.35	54	-12.65	-	-	-	-	130	104	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

9.21. 802.11n HT40 2Tx BEAM FORMING MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL)



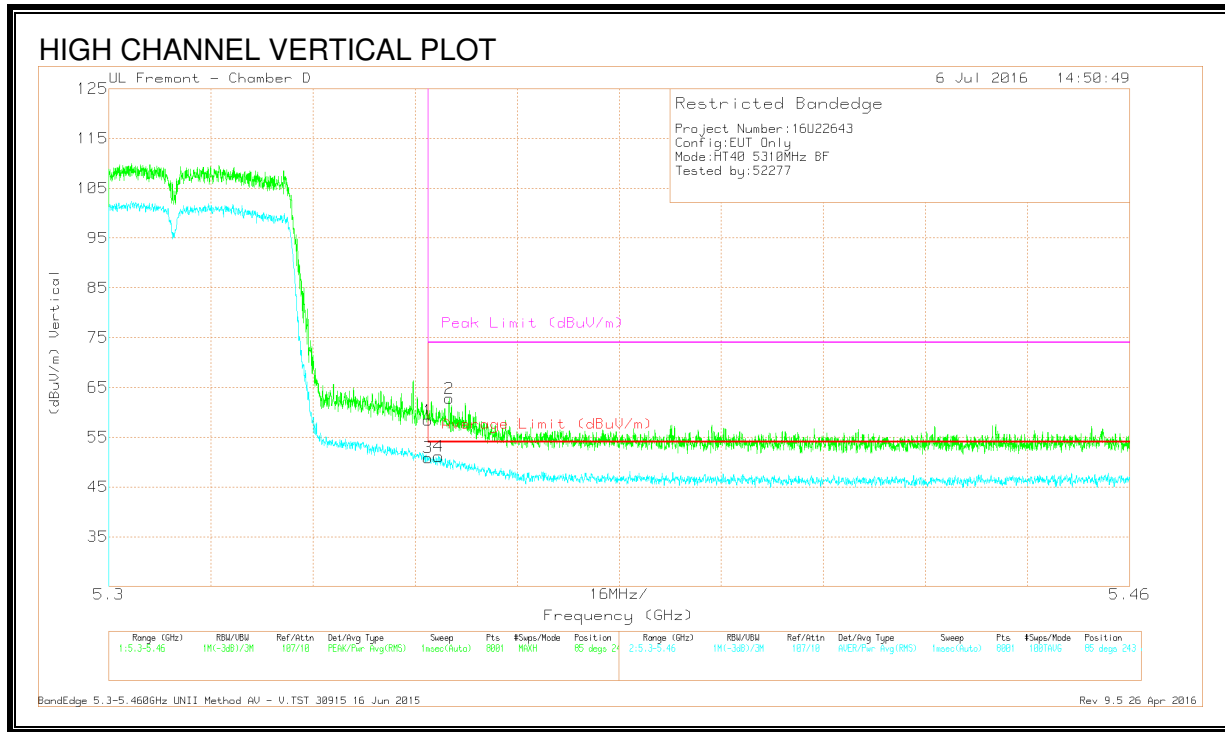
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	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	39.34	Pk	34.3	-18.2	0	55.44	-	-	74	-18.56	35	382	H
2	* 5.364	40.57	Pk	34.4	-18.2	0	56.77	-	-	74	-17.23	35	382	H
3	* 5.35	29.71	RMS	34.3	-18.2	.12	45.93	54	-8.07	-	-	35	382	H
4	* 5.362	31.12	RMS	34.4	-18.2	.12	47.44	54	-6.56	-	-	35	382	H

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

Pk - Peak detector

RMS - RMS detection

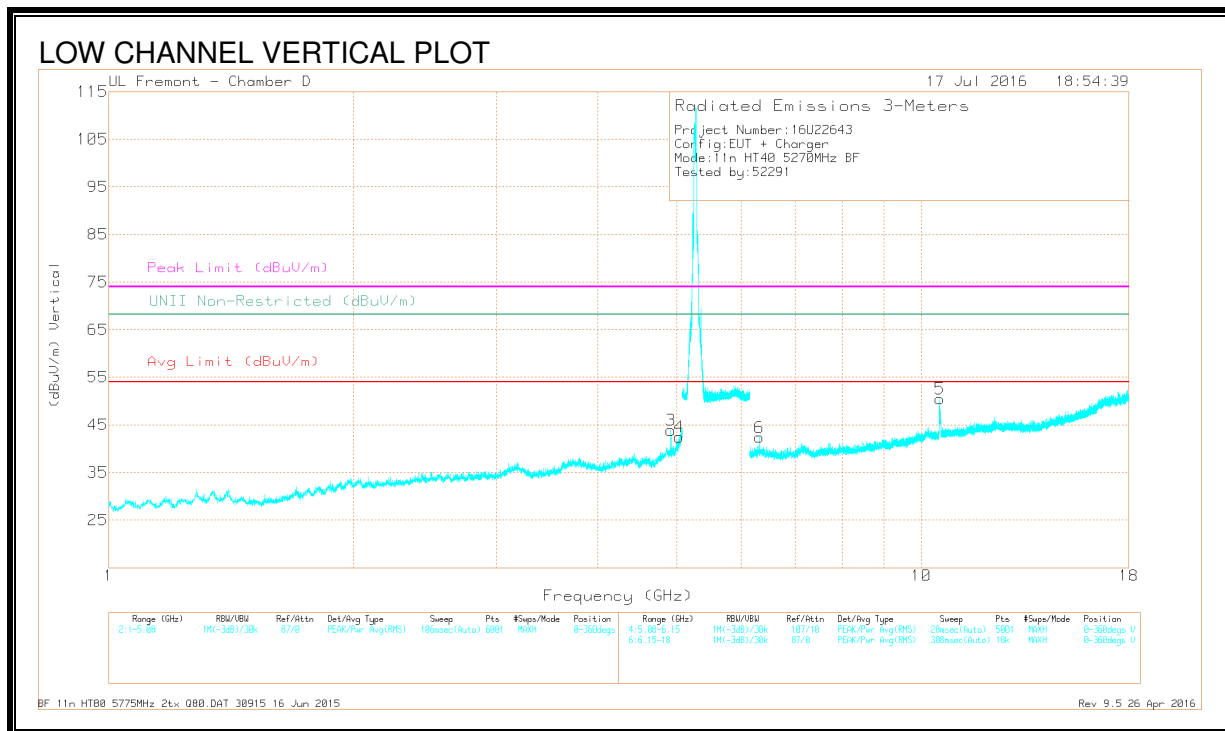
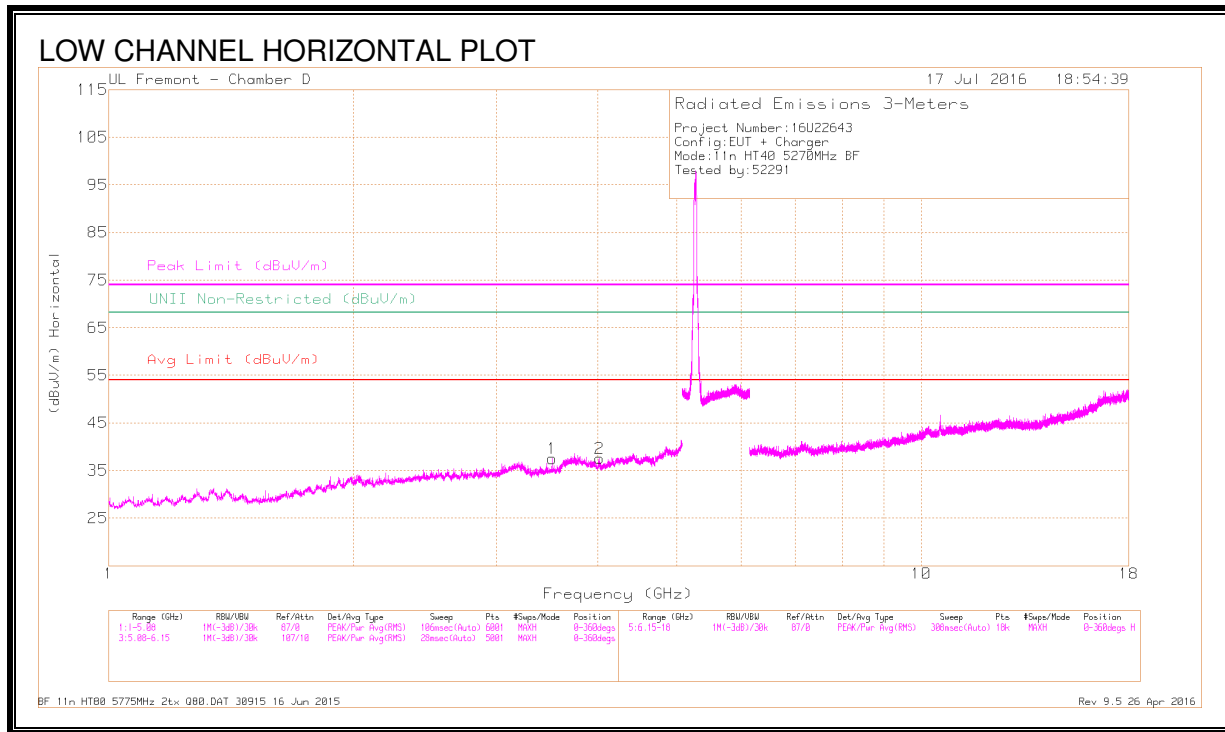


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azi mut h (Degs)	Height (cm)	Polarity
1	* 5.35	42.29	Pk	34.3	-18.2	0	58.39	-	-	74	-15.61	85	243	V
2	* 5.353	46.66	Pk	34.3	-18.2	0	62.76	-	-	74	-11.24	85	243	V
3	* 5.35	34.65	RMS	34.3	-18.2	.12	50.87	54	-3.13	-	-	85	243	V
4	* 5.352	34.91	RMS	34.3	-18.2	.12	51.13	54	-2.87	-	-	85	243	V

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

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

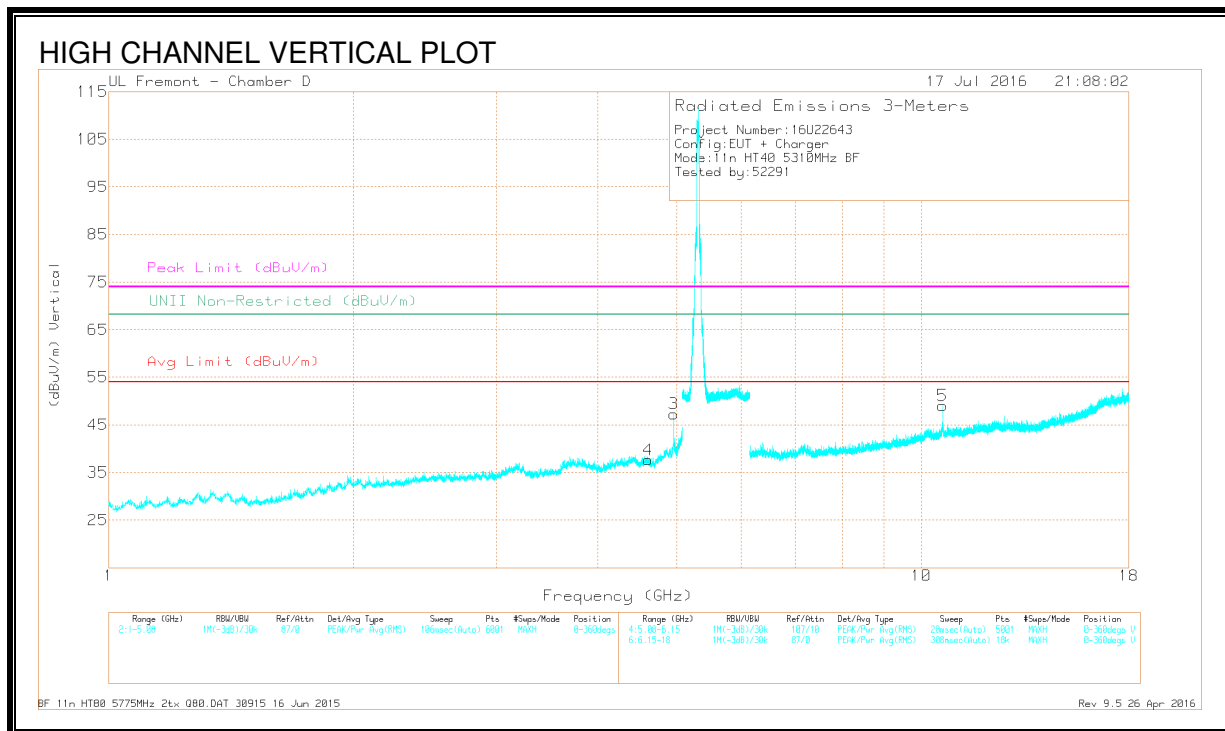
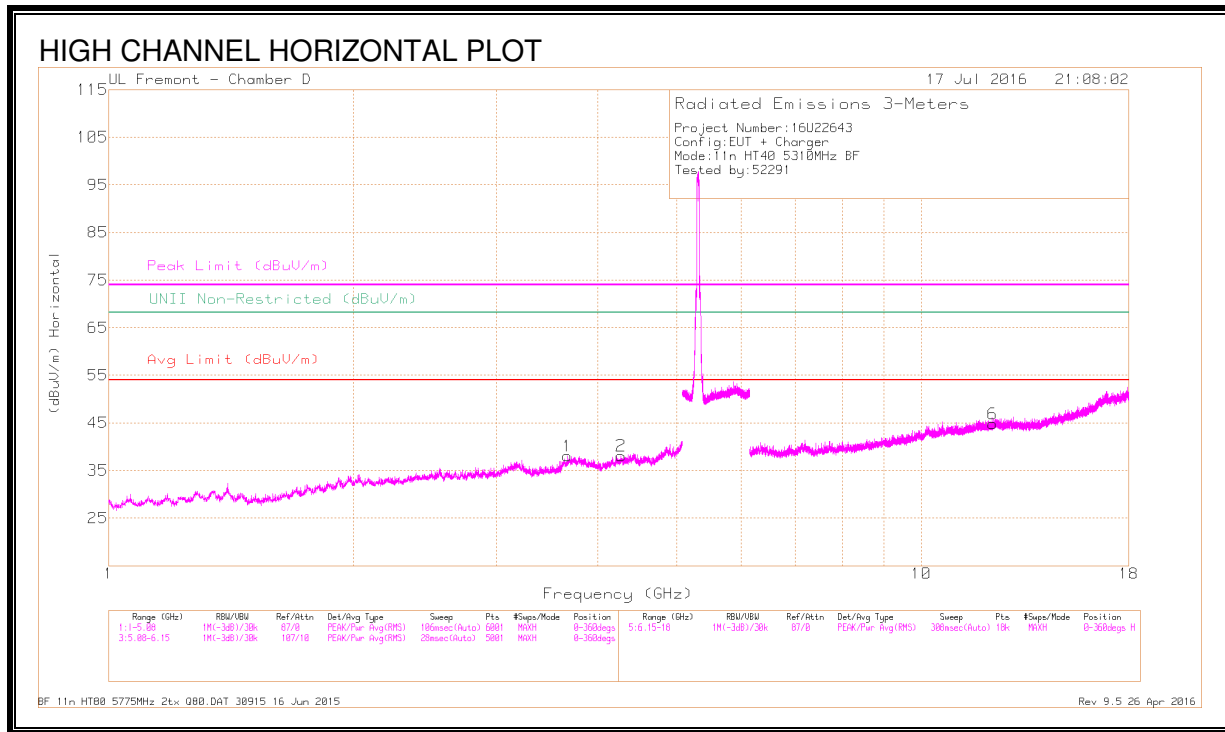
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.517	38.4	PK-U	33	-28.6	0	42.8	-	-	74	-31.2	-	-	16	380	H
	* 3.515	27.34	ADR	33	-28.6	.12	31.86	54	-22.14	-	-	-	-	16	380	H
2	* 4.017	37.7	PK-U	33.3	-28.2	0	42.8	-	-	74	-31.2	-	-	86	328	H
	* 4.017	27.36	ADR	33.3	-28.2	.12	32.58	54	-21.42	-	-	-	-	86	328	H
3	* 4.919	39.32	PK-U	34.1	-26.2	0	47.22	-	-	74	-26.78	-	-	134	223	V
	* 4.919	30.53	ADR	34.1	-26.2	.12	38.55	54	-15.45	-	-	-	-	134	223	V
4	* 5.033	41.22	PK-U	34	-25.4	0	49.82	-	-	74	-24.18	-	-	87	246	V
	* 5.034	30.02	ADR	34	-25.4	.12	38.74	54	-15.26	-	-	-	-	87	246	V
6	6.323	36.15	PK-U	35.6	-25.5	0	46.25	-	-	-	-	68.2	-21.95	106	155	V
	6.324	26.64	ADR	35.6	-25.5	.12	36.86	-	-	-	-	-	-	106	155	V
5	10.539	24.07	ADR	37.7	-21	.12	40.89	-	-	-	-	-	-	97	215	V
	10.54	35.67	PK-U	37.7	-21	0	52.37	-	-	-	-	68.2	-15.83	97	215	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (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 (Degrees)	Height (cm)	Polarity
1	* 3.667	37.73	PK-U	33.4	-28.9	0	42.23	-	-	74	-31.77	-	-	237	245	H
	* 3.668	26.99	ADR	33.4	-28.9	.12	31.61	54	-22.39	-	-	-	-	237	245	H
2	* 4.273	37.64	PK-U	33.5	-27.5	0	43.64	-	-	74	-30.36	-	-	251	200	H
	* 4.273	27.54	ADR	33.5	-27.5	.12	33.66	54	-20.34	-	-	-	-	251	200	H
3	* 4.957	37.75	PK-U	34.1	-26.6	0	45.25	-	-	74	-28.75	-	-	161	187	V
	* 4.956	27.52	ADR	34.1	-26.6	.12	35.14	54	-18.86	-	-	-	-	161	187	V
4	* 4.612	37.27	PK-U	34.2	-26.5	0	44.97	-	-	74	-29.03	-	-	175	139	V
	* 4.611	26.7	ADR	34.2	-26.5	.12	34.52	54	-19.48	-	-	-	-	175	139	V
6	* 12.233	34.36	PK-U	39	-21.6	0	51.76	-	-	74	-22.24	-	-	185	222	H
	* 12.233	24.04	ADR	39	-21.6	.12	41.56	54	-12.44	-	-	-	-	185	222	H
5	* 10.62	34.75	PK-U	37.8	-21.3	0	51.25	-	-	74	-22.75	-	-	107	190	V
	* 10.619	24.08	ADR	37.8	-21.2	.12	40.8	54	-13.2	-	-	-	-	107	190	V

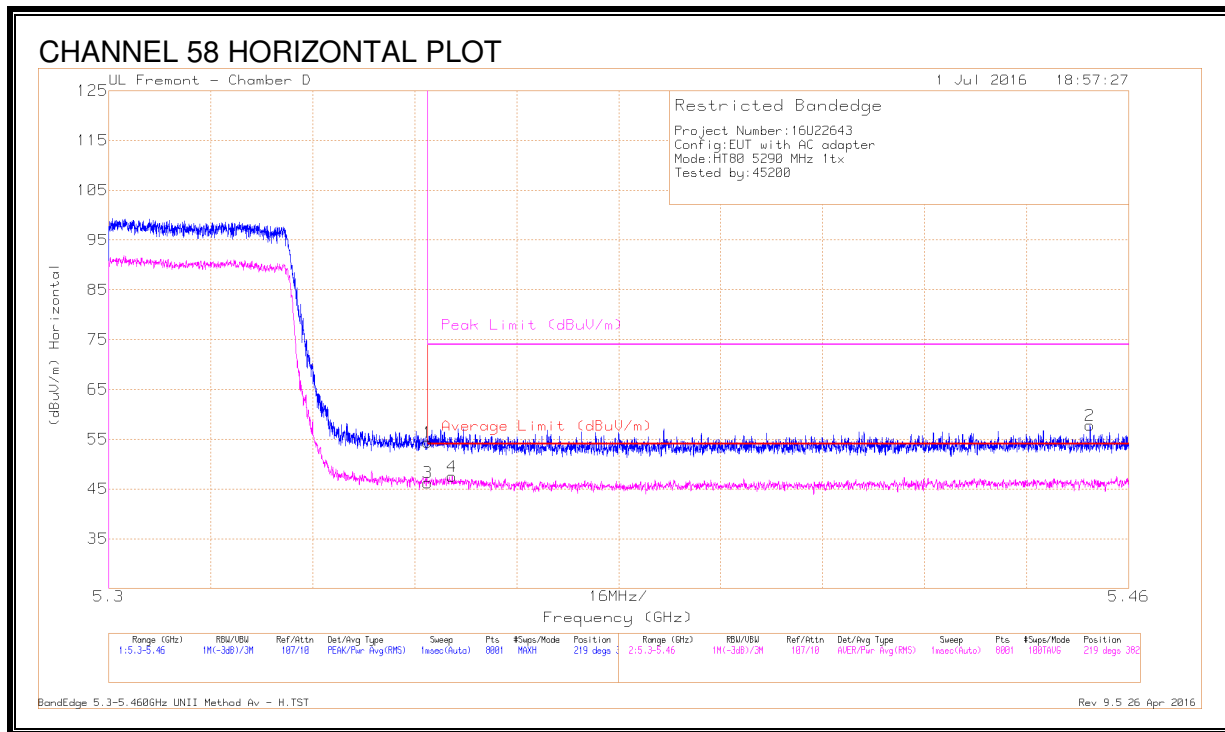
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.22. 802.11ac VHT80 1Tx MODE IN THE 5.3 GHz BAND

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



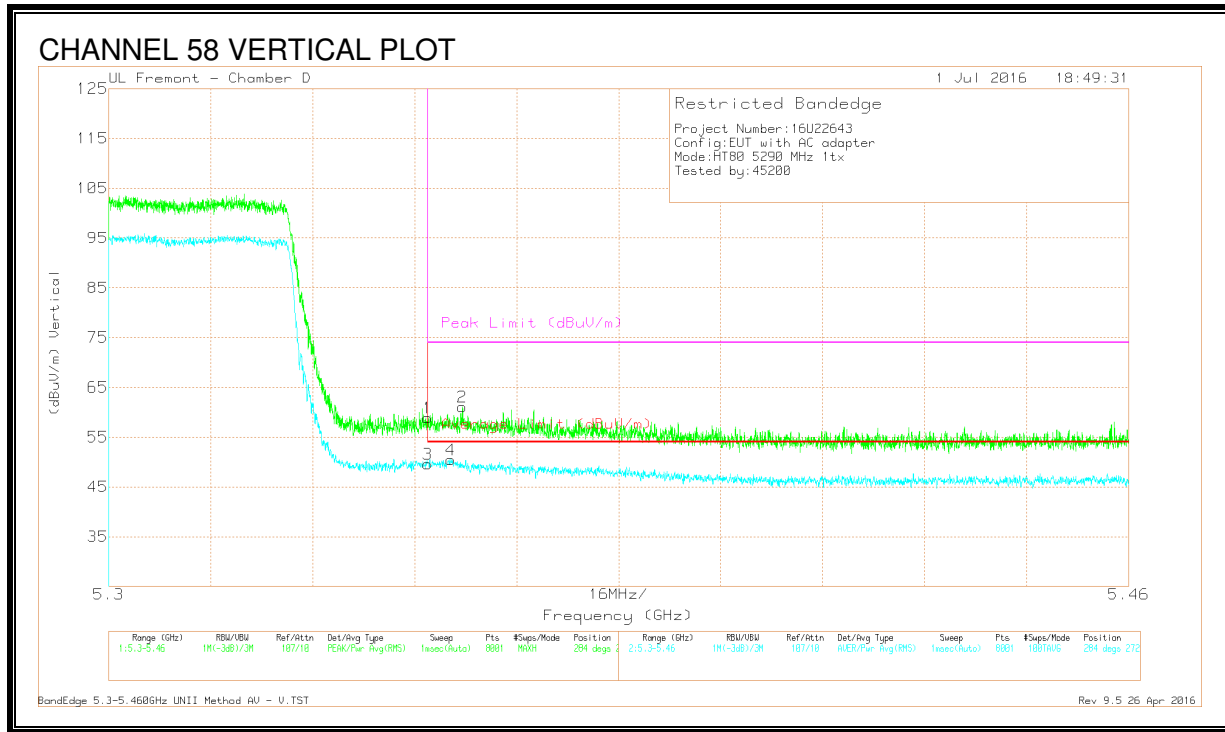
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azi mut h (Degs)	Height (cm)	Polarit y
1	* 5.35	38.25	Pk	34.3	-18.2	0	54.35	-	-	74	-19.65	219	382	H
3	* 5.35	29.99	RMS	34.3	-18.2	.22	46.25	54	-7.75	-	-	219	382	H
4	* 5.354	31.24	RMS	34.3	-18.2	.22	47.5	54	-6.5	-	-	219	382	H
2	* 5.454	41.26	Pk	34.4	-17.9	0	57.76	-	-	74	-16.24	219	382	H

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

Pk - Peak detector

RMS - RMS detection

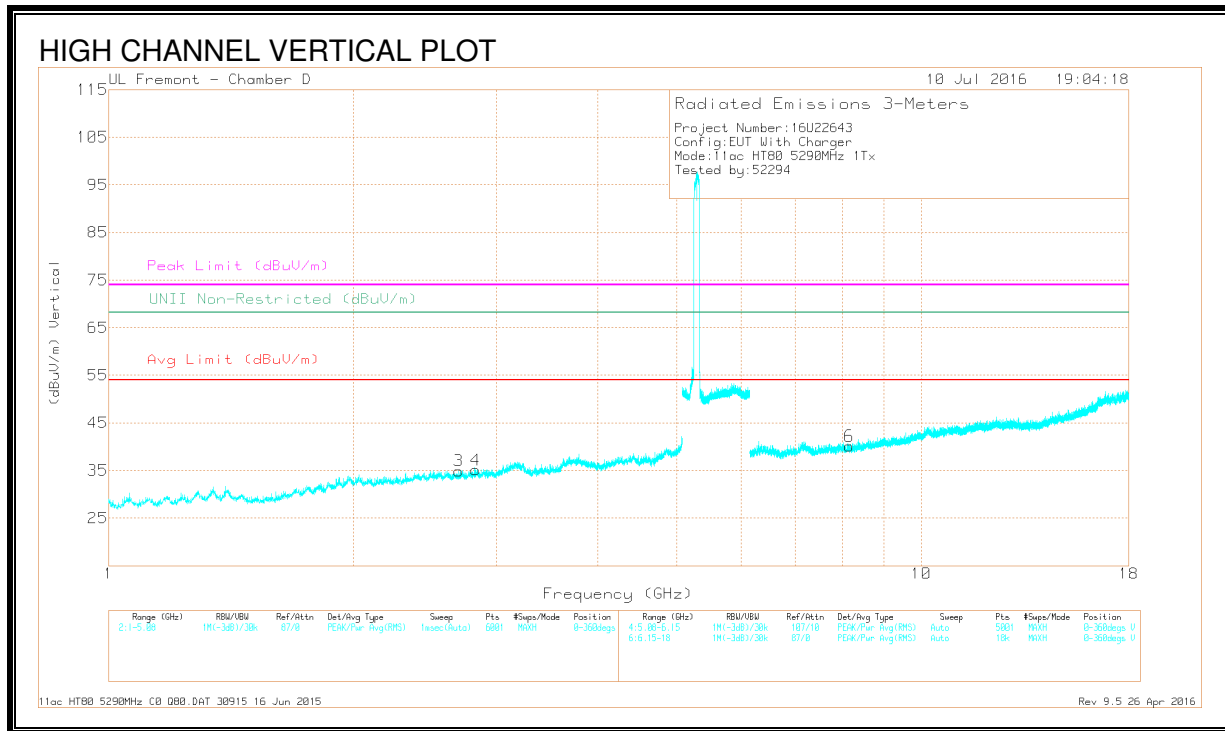
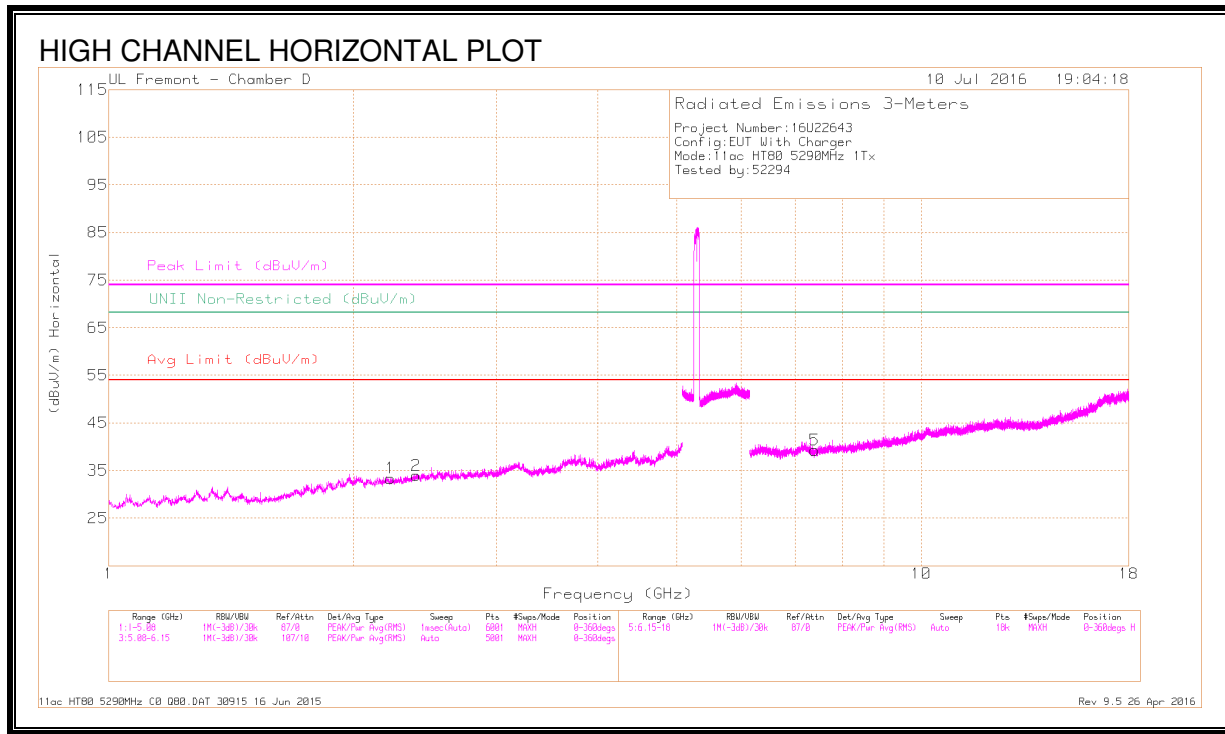


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	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	42.75	Pk	34.3	-18.2	0	58.85	-	-	74	-15.15	284	272	V
3	* 5.35	33.46	RMS	34.3	-18.2	.22	49.72	54	-4.28	-	-	284	272	V
4	* 5.354	34.36	RMS	34.3	-18.2	.22	50.62	54	-3.38	-	-	284	272	V
2	* 5.356	44.99	Pk	34.4	-18.3	0	61.09	-	-	74	-12.91	284	272	V

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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS blurry



DATA

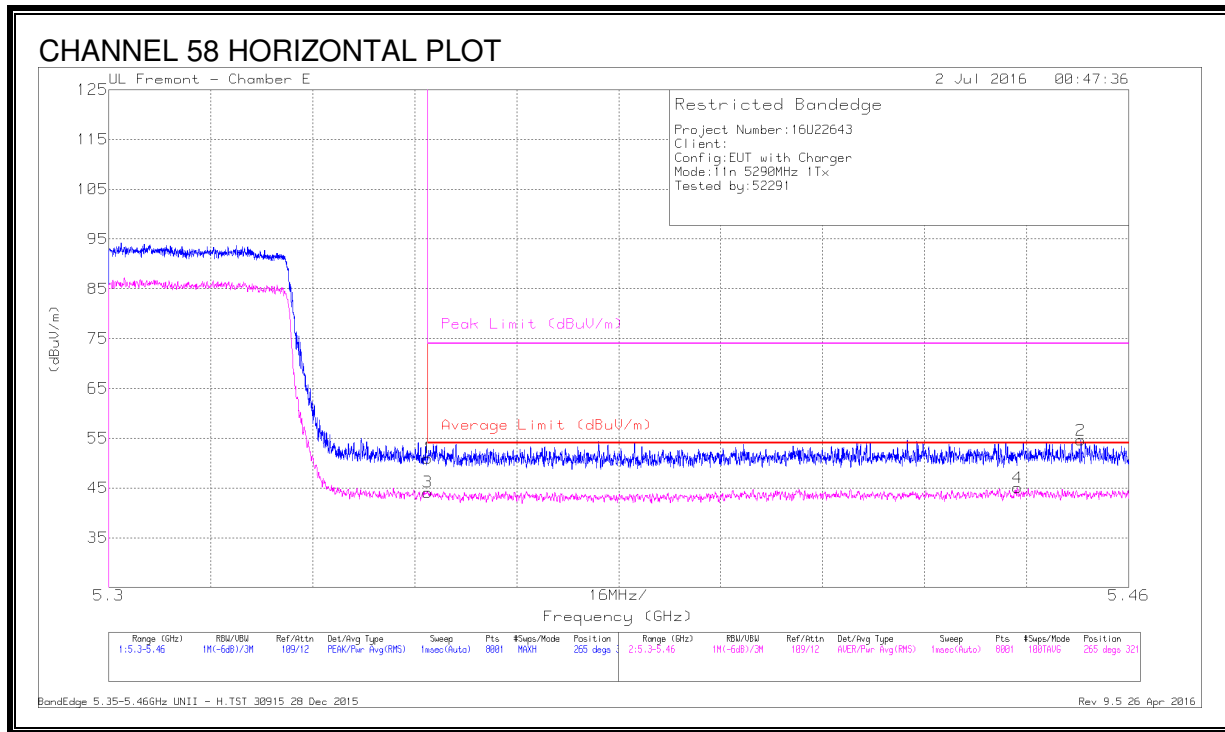
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp /Cbl/ Fitr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.22	39.65	PK-U	31.5	-30.7	0	40.45	-	-	74	-33.55	-	-	74	265	H
	* 2.219	28.56	ADR	31.6	-30.7	.22	29.62	54	-24.38	-	-	-	-	74	265	H
2	* 2.257	40	PK-U	31.5	-30.7	0	40.8	-	-	74	-33.2	-	-	22	325	H
	* 2.261	29.16	ADR	31.5	-30.6	.22	30.22	54	-23.78	-	-	-	-	22	325	H
3	* 2.698	39.16	PK-U	32.4	-30.4	0	41.16	-	-	74	-32.84	-	-	86	287	V
	* 2.695	28.86	ADR	32.4	-30.4	.22	31.02	54	-22.98	-	-	-	-	86	287	V
4	* 2.829	39.53	PK-U	32.3	-29.2	0	42.63	-	-	74	-31.37	-	-	57	221	V
	* 2.829	28.17	ADR	32.3	-29.2	.22	31.43	54	-22.57	-	-	-	-	57	221	V
5	* 7.391	35.48	PK-U	35.6	-25.1	0	45.98	-	-	74	-28.02	-	-	289	289	H
	* 7.392	25.28	ADR	35.6	-25.1	.22	35.94	54	-18.06	-	-	-	-	289	289	H
6	* 8.154	36.13	PK-U	35.8	-23.9	0	48.03	-	-	74	-25.97	-	-	111	165	V
	* 8.156	24.93	ADR	35.8	-24	.22	36.89	54	-17.11	-	-	-	-	111	165	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

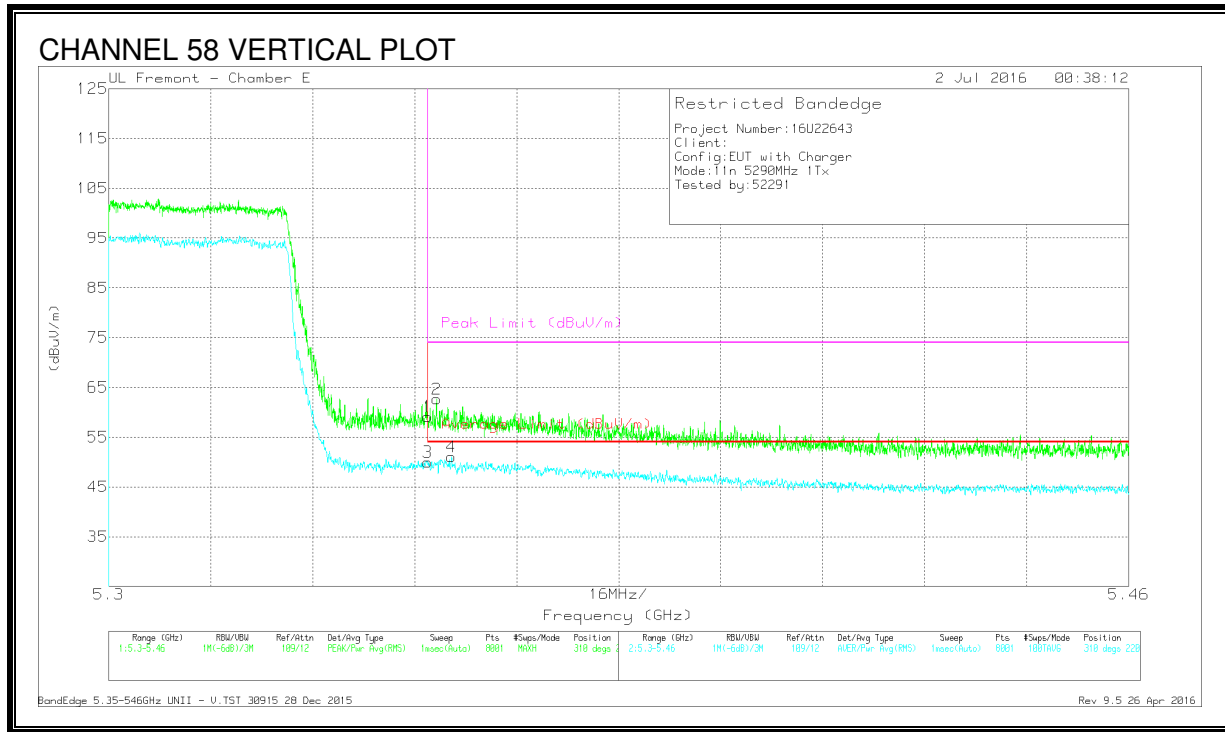
RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL, CH 58)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	36.19	Pk	34.4	-19.6	0	50.99	-	-	74	-23.01	265	321	H
3	* 5.35	29.35	RMS	34.4	-19.6	.22	44.37	54	-9.63	-	-	265	321	H
4	* 5.443	30.16	RMS	34.4	-19.5	.22	45.28	54	-8.72	-	-	265	321	H
2	* 5.452	39.9	Pk	34.4	-19.7	0	54.6	-	-	74	-19.4	265	321	H

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



DATA

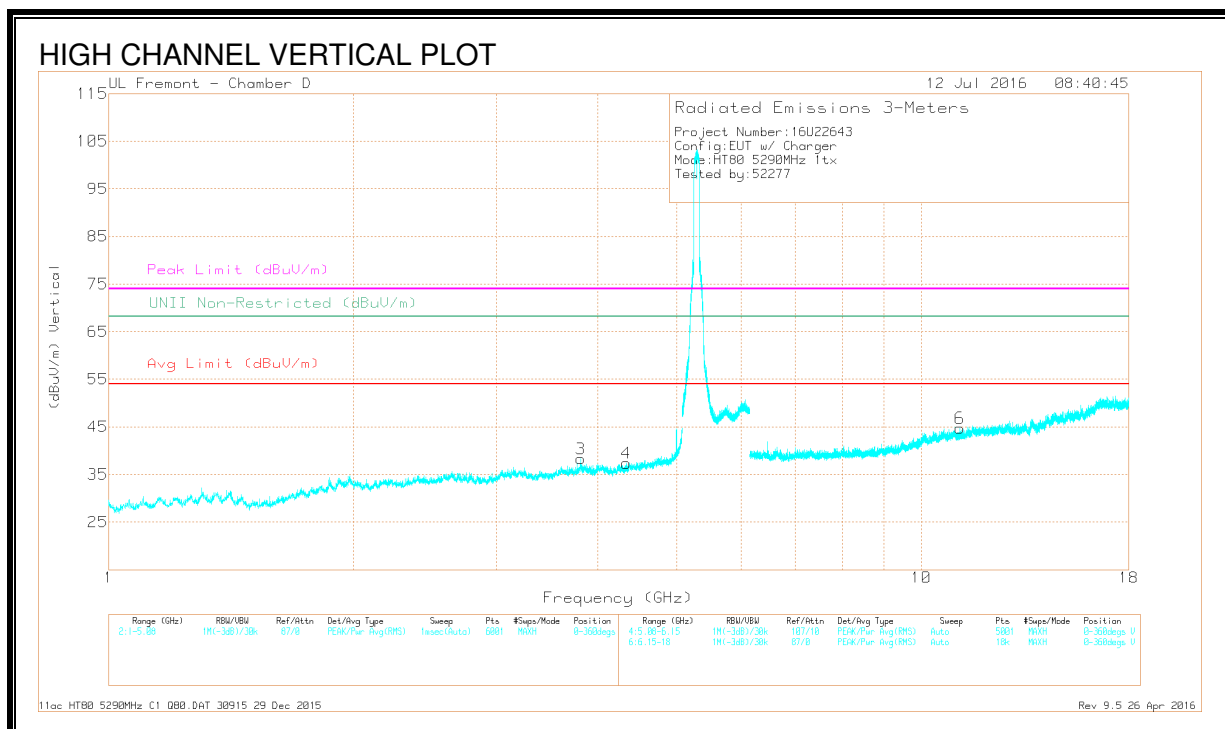
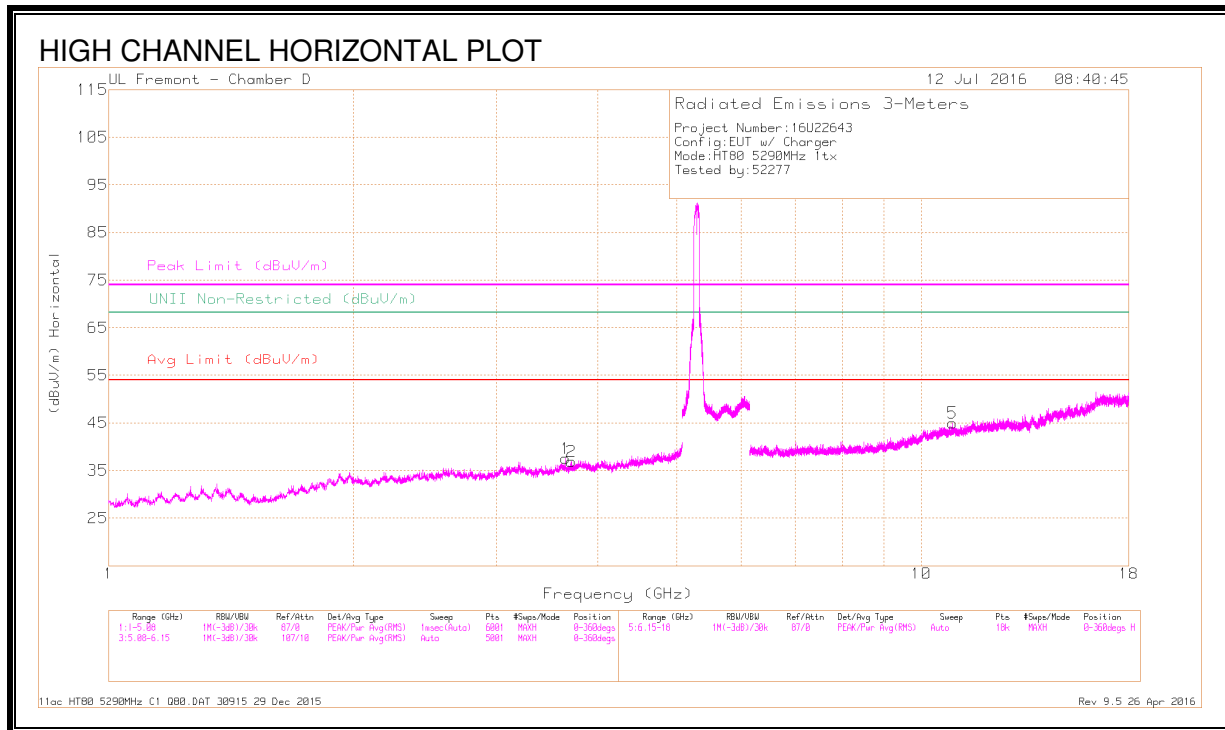
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 5.35	44.34	Pk	34.4	-19.6	0	59.14	-	-	74	-14.86	310	220	V
3	* 5.35	35.18	RMS	34.4	-19.6	.22	51.20	54	-3.80	-	-	310	220	V
2	* 5.351	47.85	Pk	34.4	-19.6	.22	62.65	-	-	74	-11.35	310	220	V
4	* 5.354	36.24	RMS	34.4	-19.6	0	51.26	54	-2.74	-	-	310	220	V

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

Pk - Peak detector

RMS - RMS detection

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Mark ers	Frequen cy (GHz)	Meter Readi ng (dBuV)	Det	AF T711 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Corre cted Readi ng (dBu V/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Marg in (dB)	Azi mut h (Deg s)	Hei ght (cm)	Pola rity
1	* 3.652	40.18	PK-U	33.1	-30.6	0	42.68	-	-	74	-31.32	-	-	199	109	H
	* 3.651	29.41	ADR	33.1	-30.7	.22	31.97	54	-22.03	-	-	-	-	199	109	H
2	* 3.71	40.35	PK-U	33.1	-31	0	42.45	-	-	74	-31.55	-	-	200	375	H
	* 3.708	29.93	ADR	33.1	-30.9	.22	32.29	54	-21.71	-	-	-	-	200	375	H
3	* 3.811	40.14	PK-U	33.1	-30	0	43.24	-	-	74	-30.76	-	-	199	275	V
	* 3.813	29.41	ADR	33.1	-30	.22	32.67	54	-21.33	-	-	-	-	199	275	V
4	* 4.335	40.96	PK-U	33.5	-30.6	0	43.86	-	-	74	-30.14	-	-	141	174	V
	* 4.334	29.87	ADR	33.5	-30.6	.22	32.93	54	-21.07	-	-	-	-	141	174	V
5	* 10.926	36.2	PK-U	38	-23.9	0	50.3	-	-	74	-23.7	-	-	225	216	H
	* 10.923	25.93	ADR	38	-24	.22	40.09	54	-13.91	-	-	-	-	225	216	H
6	* 11.146	37.37	PK-U	38.1	-24	0	51.47	-	-	74	-22.53	-	-	172	141	V
	* 11.146	25.76	ADR	38.1	-24	.22	40.02	54	-13.98	-	-	-	-	172	141	V

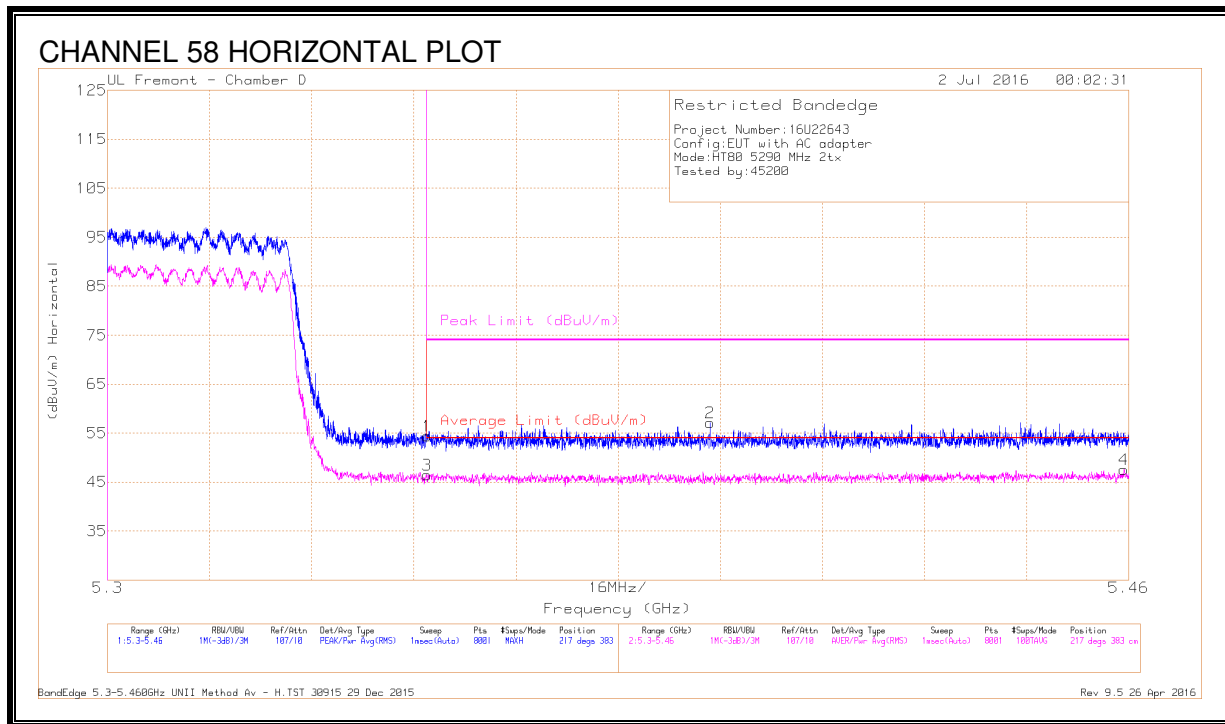
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

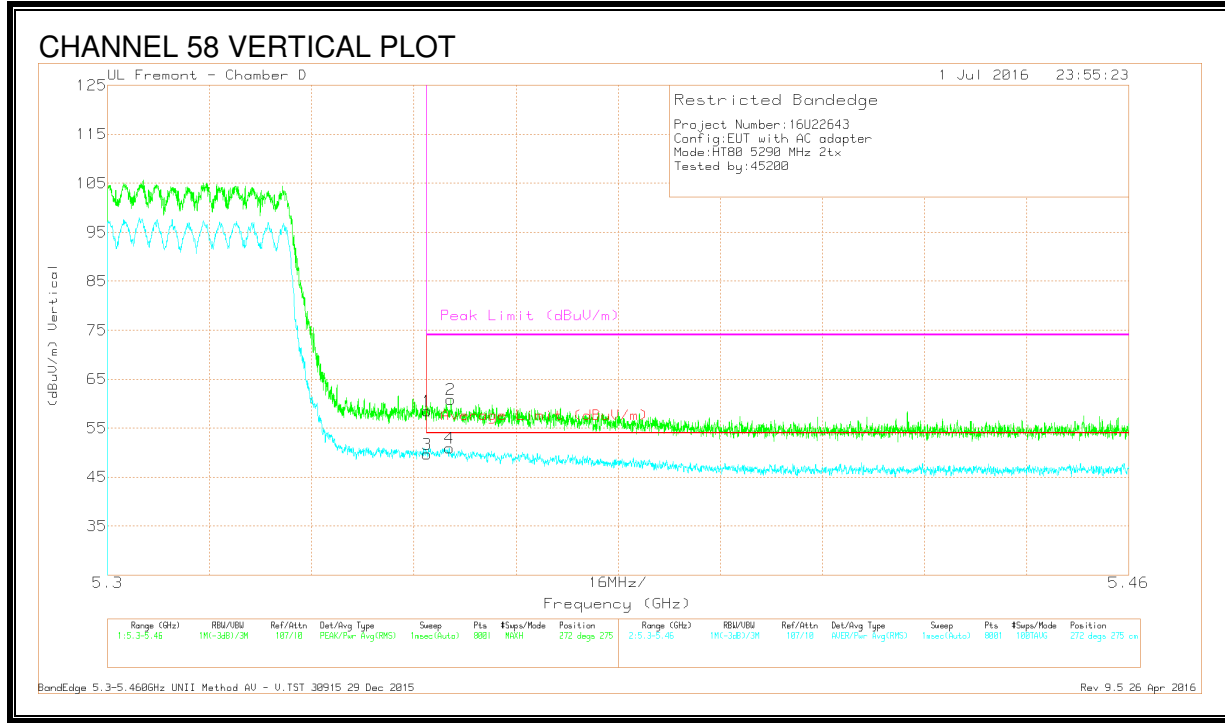
9.23. 802.11ac VHT80 2Tx CDD MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL, CH 58)



DATA

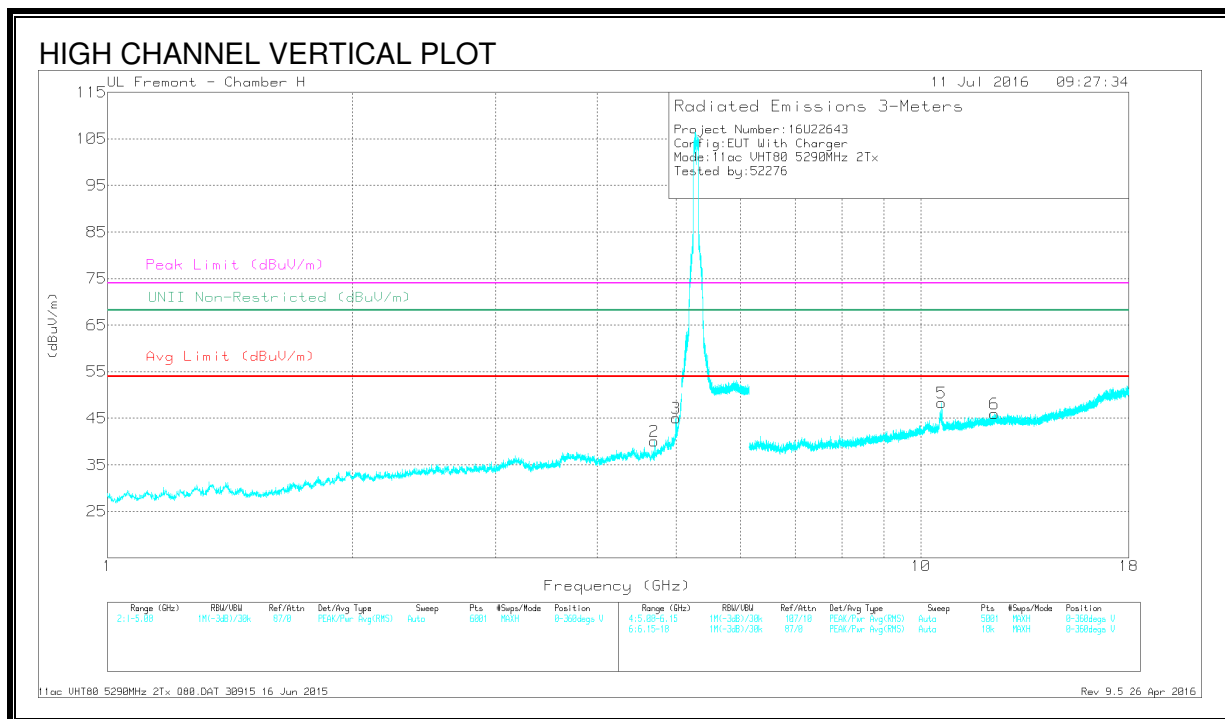
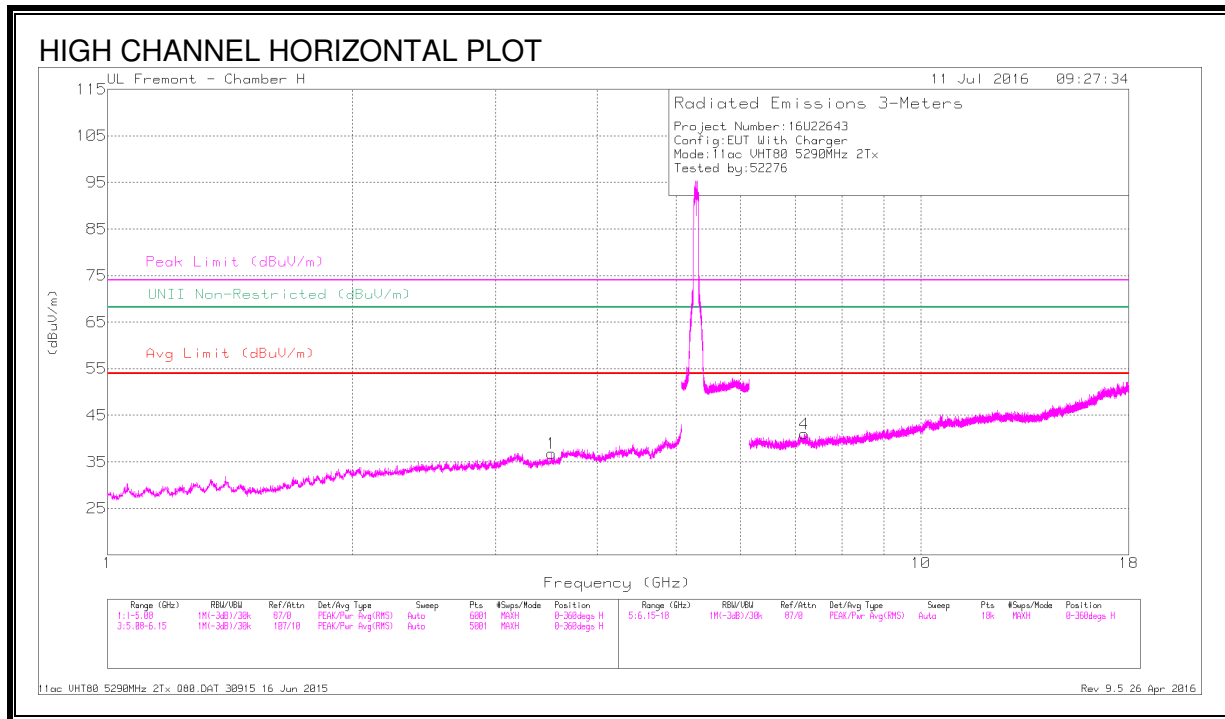
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz
1	* 5.35	38.31	Pk	34.3	-18.2	0	54.41	-	-	74	-19.59	217	383	H
3	* 5.35	30.13	RMS	34.3	-18.2	.21	46.44	54	-7.56	-	-	217	383	H
2	* 5.394	40.95	Pk	34.4	-18.2	0	57.15	-	-	74	-16.85	217	383	H
4	* 5.459	30.79	RMS	34.4	-17.8	.21	47.6	54	-6.4	-	-	217	383	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/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	42.37	Pk	34.3	-18.2	0	58.47	-	-	74	-15.53	272	275	V
3	* 5.35	33.33	RMS	34.3	-18.2	.21	49.64	54	-4.36	-	-	272	275	V
2	* 5.354	44.78	Pk	34.3	-18.2	0	60.88	-	-	74	-13.12	272	275	V
4	* 5.354	34.55	RMS	34.3	-18.2	.21	50.86	54	-3.14	-	-	272	275	V

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



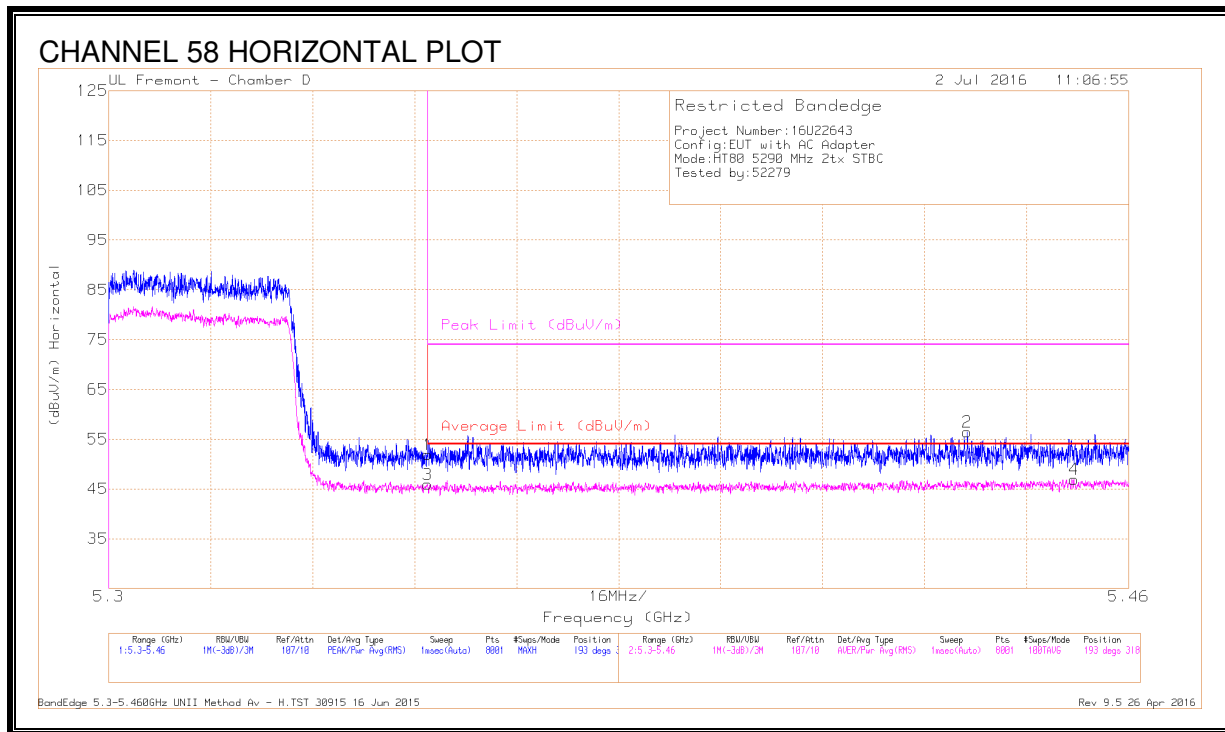
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 3.515	38.33	PK-U	33	-28.6	0	42.73	-	-	74	-31.27	-	-	0	100	H
	* 3.514	27.84	ADR	33	-28.6	.21	32.45	54	-21.55	-	-	-	-	0	100	H
2	* 4.702	40.72	PK-U	34	-27.9	0	46.82	-	-	74	-27.18	-	-	23	287	V
	* 4.702	33.52	ADR	34	-27.9	.21	39.63	54	-14.37	-	-	-	-	23	287	V
3	* 4.996	41.86	PK-U	34	-26.6	0	49.26	-	-	74	-24.74	-	-	23	201	V
	* 4.996	33.87	ADR	34	-26.6	.21	41.48	54	-12.52	-	-	-	-	23	201	V
5	* 12.314	33.73	PK-U	39	-21.2	0	51.53	-	-	74	-22.47	-	-	133	107	V
	* 12.315	24.18	ADR	39	-21.2	.21	42.19	54	-11.81	-	-	-	-	133	107	V
4	7.189	35.73	PK-U	35.7	-23.4	0	48.03	-	-	-	-	68.2	-20.17	23	201	H
6	10.592	38.27	PK-U	37.8	-21	0	55.07	-	-	-	-	68.2	-13.13	133	107	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

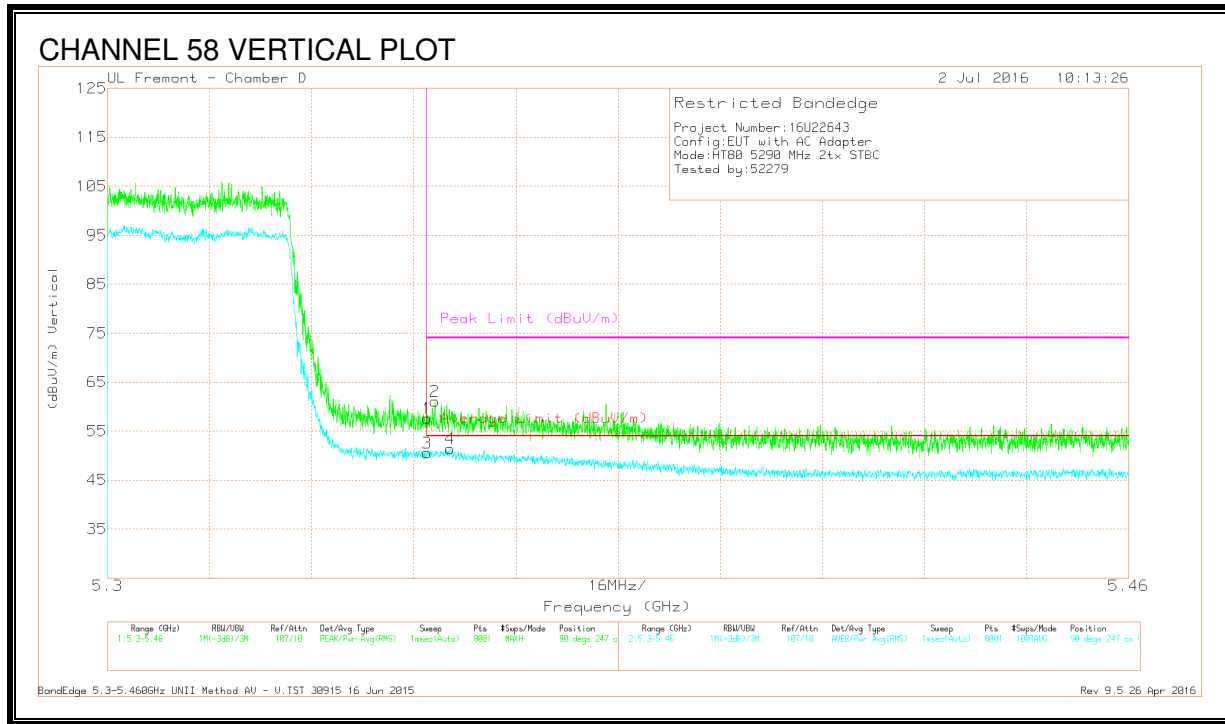
9.24. 802.11ac VHT80 2Tx STBC MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL, CH 58)



DATA

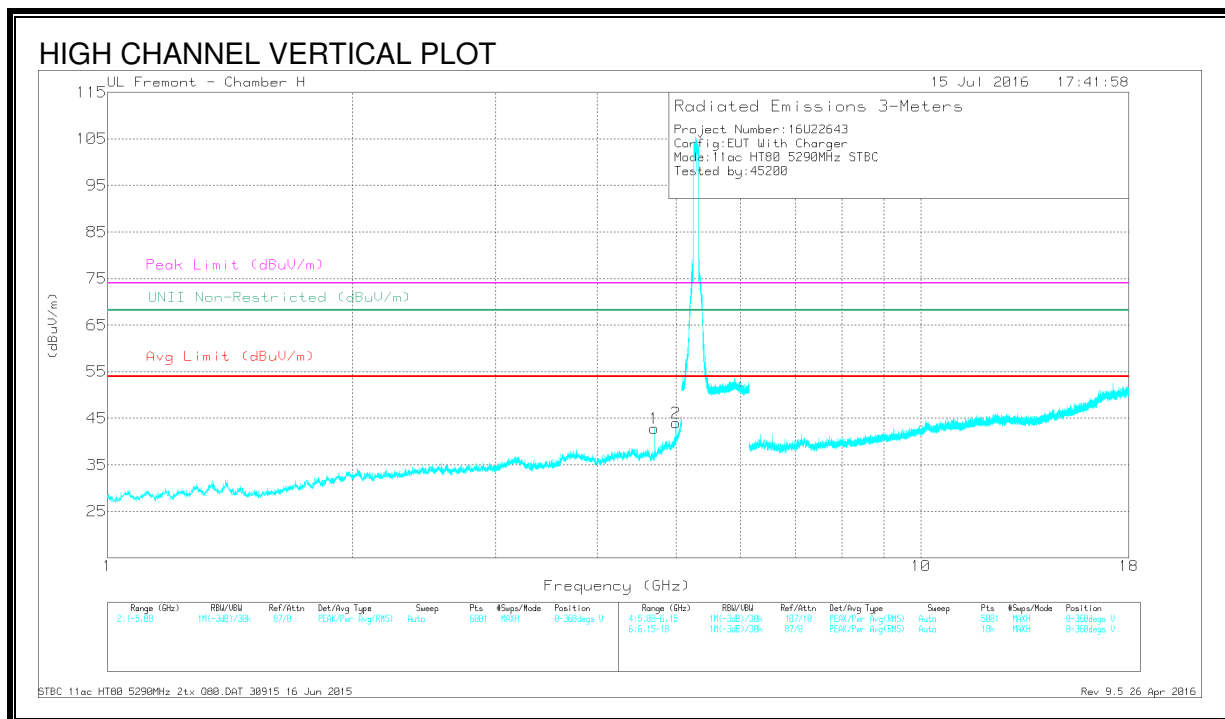
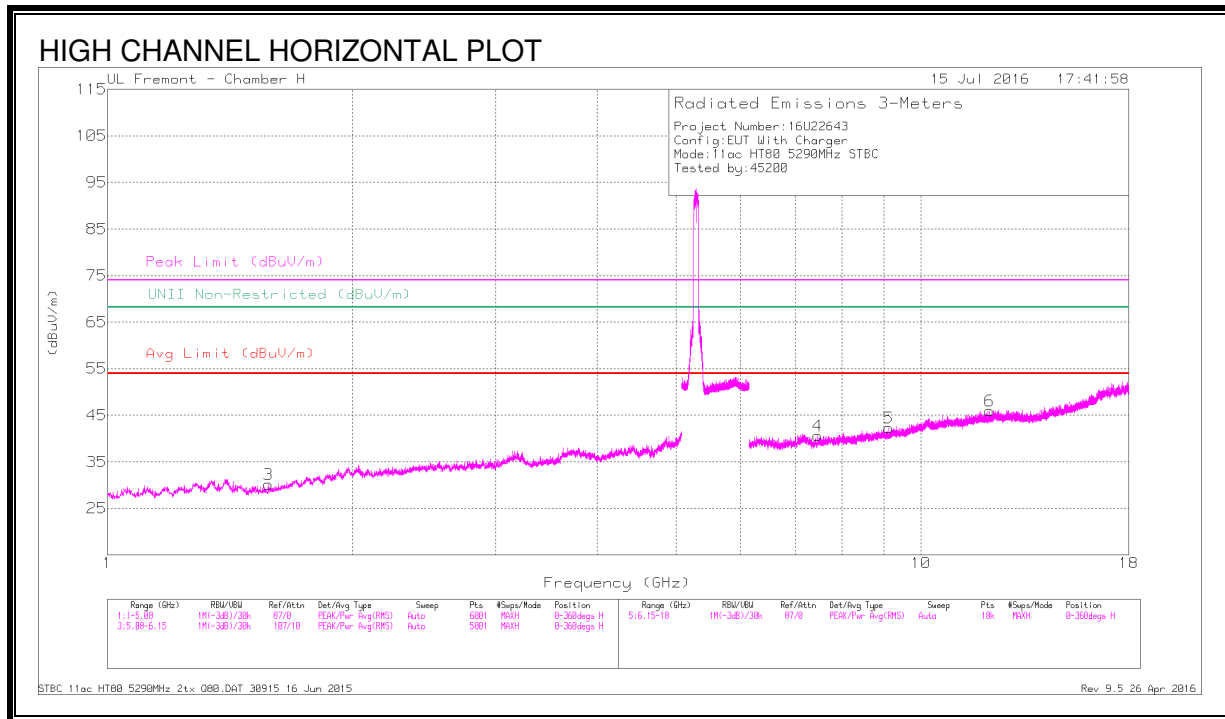
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	35.8	Pk	34.3	-18.2	0	51.9	-	-	74	-22.1	193	318	H
3	* 5.35	29.82	RMS	34.3	-18.2	.21	46.03	54	-7.97	-	-	193	318	H
2	* 5.435	40.05	Pk	34.4	-18	0	56.45	-	-	74	-17.55	193	318	H
4	* 5.451	30.43	RMS	34.4	-17.9	.21	47.04	54	-6.96	-	-	193	318	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/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	41.5	Pk	34.3	-18.2	0	57.6	-	-	74	-16.4	90	247	V
3	* 5.35	34.43	RMS	34.3	-18.2	.21	50.74	54	-3.26	-	-	90	247	V
2	* 5.351	45.05	Pk	34.3	-18.2	0	61.15	-	-	74	-12.85	90	247	V
4	* 5.354	35.32	RMS	34.3	-18.2	.21	51.63	54	-2.37	-	-	90	247	V

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/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 (Degrees)	Height (cm)	Polarity
3	* 1.577	40.53	PK-U	28	-31.7	0	36.83	-	-	74	-37.17	-	-	270	153	H
	* 1.577	29.15	ADR	28	-31.7	.21	25.66	54	-28.34	-	-	-	-	270	153	H
1	* 4.703	40.84	PK-U	34	-27.9	0	46.94	-	-	74	-27.06	-	-	286	295	V
	* 4.702	34.08	ADR	34	-27.9	.21	40.39	54	-13.61	-	-	-	-	286	295	V
2	* 4.996	41.94	PK-U	34	-26.6	0	49.34	-	-	74	-24.66	-	-	278	226	V
	* 4.996	33.09	ADR	34	-26.6	.21	40.7	54	-13.3	-	-	-	-	278	226	V
4	* 7.47	35.37	PK-U	35.7	-24.3	0	46.77	-	-	74	-27.23	-	-	221	348	H
	* 7.47	24.62	ADR	35.7	-24.3	.21	36.23	54	-17.77	-	-	-	-	221	348	H
5	* 9.127	34.42	PK-U	36.2	-22.8	0	47.82	-	-	74	-26.18	-	-	349	342	H
	* 9.128	23.94	ADR	36.2	-22.8	.21	37.55	54	-16.45	-	-	-	-	349	342	H
6	* 12.149	33.69	PK-U	39	-21.1	0	51.59	-	-	74	-22.41	-	-	291	316	H
	* 12.148	23.21	ADR	39	-21.1	.21	41.32	54	-12.68	-	-	-	-	291	316	H

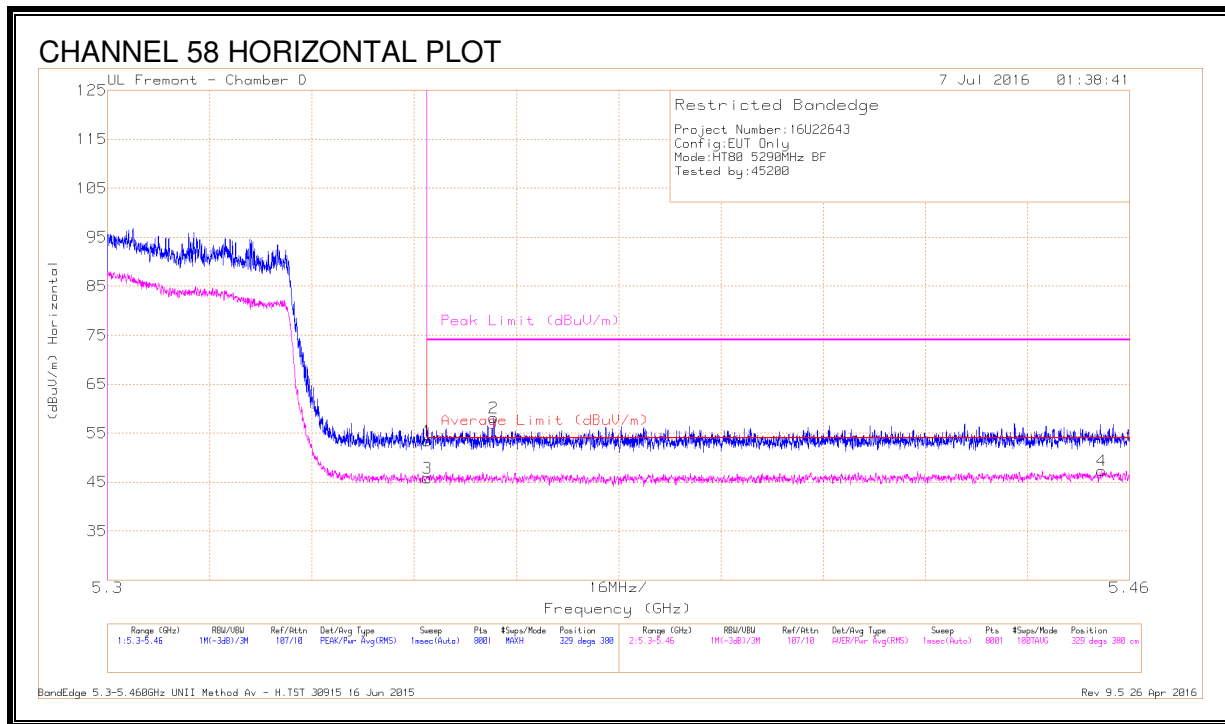
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.25. 802.11ac VHT80 2Tx BEAM FORMING MODE IN THE 5.3 GHz BAND

RESTRICTED BANDEDGE (HIGH CHANNEL, CH 58)



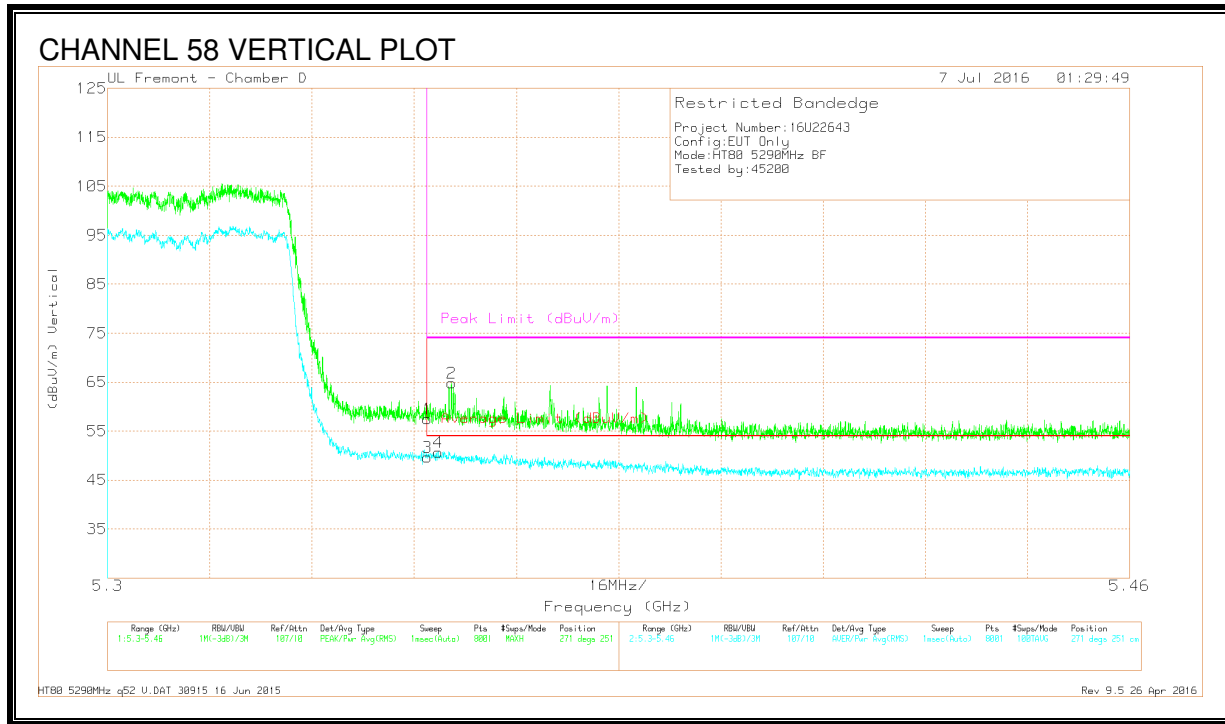
DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	* 5.35	37.33	Pk	34.3	-18.2	0	53.43	-	-	74	-20.57	329	380	H
2	* 5.36	41.91	Pk	34.4	-18.2	0	58.11	-	-	74	-15.89	329	380	H
3	* 5.35	29.52	RMS	34.3	-18.2	.33	45.95	54	-8.05	-	-	329	380	H
4	* 5.456	30.67	RMS	34.4	-17.9	.33	47.50	54	-6.5	-	-	329	380	H

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

Pk - Peak detector

RMS - RMS detection

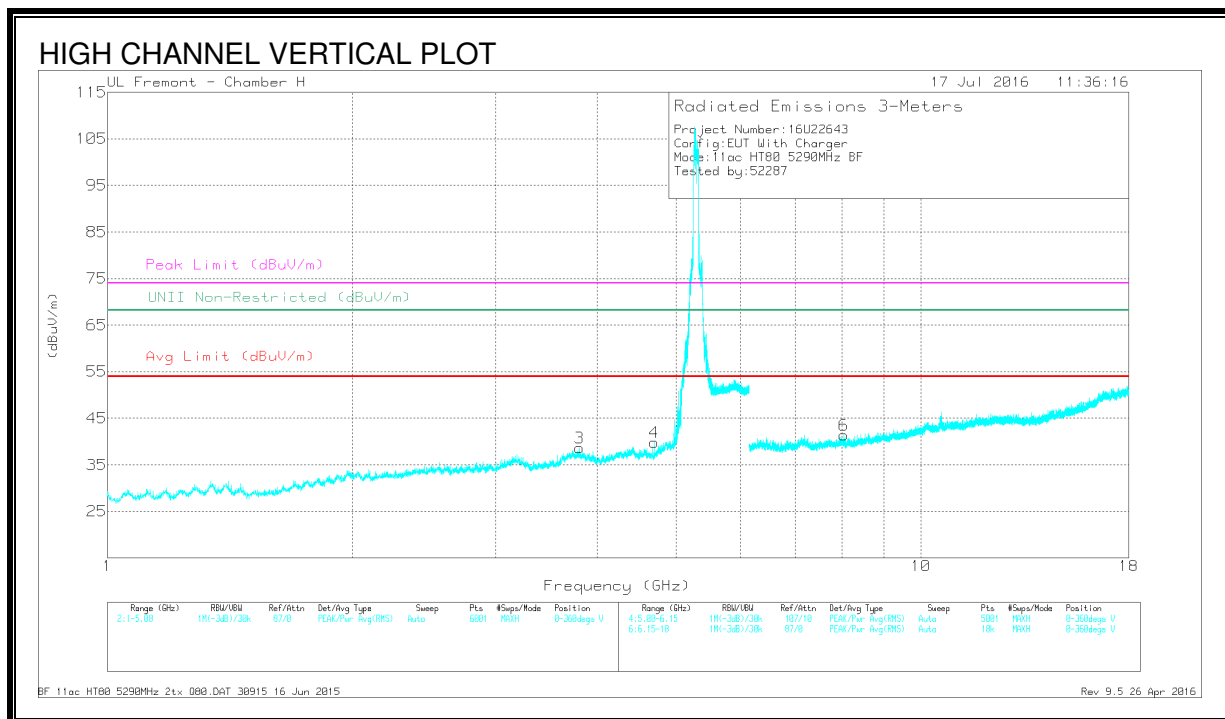
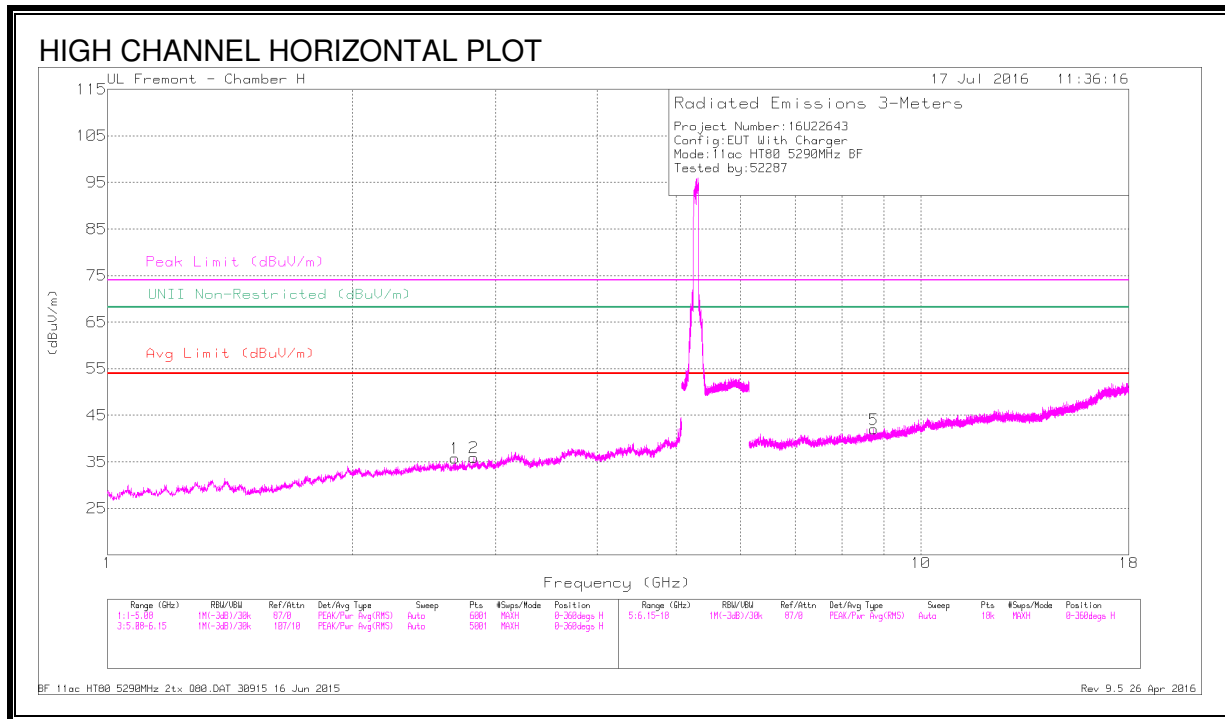


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azi mut h (Deg s)	Height (cm)	Polarity
1	* 5.35	41.38	Pk	34.3	-18.2	0	57.48	-	-	74	-16.52	271	251	V
2	* 5.354	48.67	Pk	34.3	-18.2	0	64.77	-	-	74	-9.23	271	251	V
3	* 5.35	33.54	RMS	34.3	-18.2	.33	49.97	54	-4.03	-	-	271	251	V
4	* 5.352	34.55	RMS	34.3	-18.2	.33	50.98	54	-3.02	-	-	271	251	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 T712 (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	* 2.674	39.37	PK-U	32.3	-30.3	0	41.37	-	-	74	-32.63	-	-	153	118	H
	* 2.674	28.35	ADR	32.3	-30.3	.33	30.53	54	-23.47	-	-	-	-	153	118	H
2	* 2.821	38.81	PK-U	32.3	-29.3	0	41.81	-	-	74	-32.19	-	-	329	242	H
	* 2.823	27.68	ADR	32.3	-29.2	.33	30.96	54	-23.04	-	-	-	-	329	242	H
3	* 3.801	37.57	PK-U	33.6	-28.4	0	42.77	-	-	74	-31.23	-	-	346	145	V
	* 3.801	27.41	ADR	33.6	-28.4	.33	32.79	54	-21.21	-	-	-	-	346	145	V
4	* 4.702	40.65	PK-U	34	-27.9	0	46.75	-	-	74	-27.25	-	-	283	232	V
	* 4.702	29.83	ADR	34	-27.9	.33	36.11	54	-17.89	-	-	-	-	283	232	V
6	* 8.034	34.76	PK-U	35.8	-24.1	0	46.46	-	-	74	-27.54	-	-	177	152	V
	* 8.035	24.5	ADR	35.8	-24.2	.33	36.28	54	-17.72	-	-	-	-	177	152	V
5	8.749	23.63	ADR	36	-22.6	.33	37.21	-	-	-	-	-	-	30	130	H
	8.751	34.38	PK-U	36	-22.6	0	47.78	-	-	-	-	68.2	-20.42	30	130	H

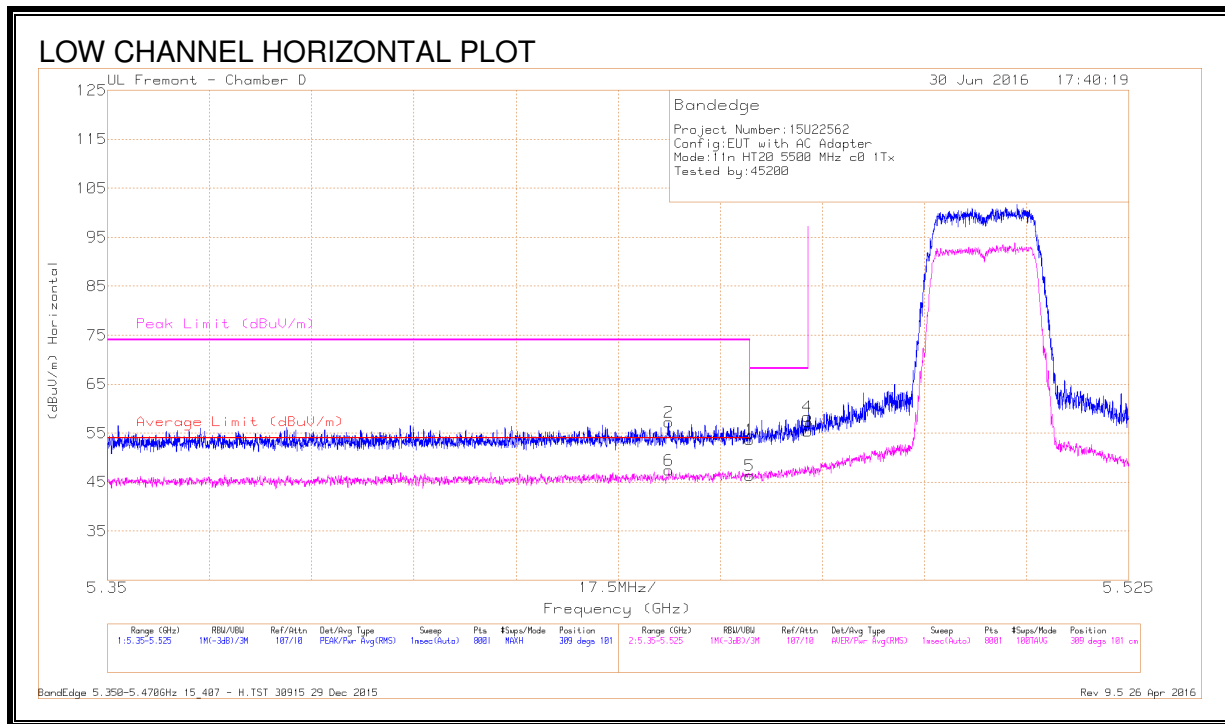
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

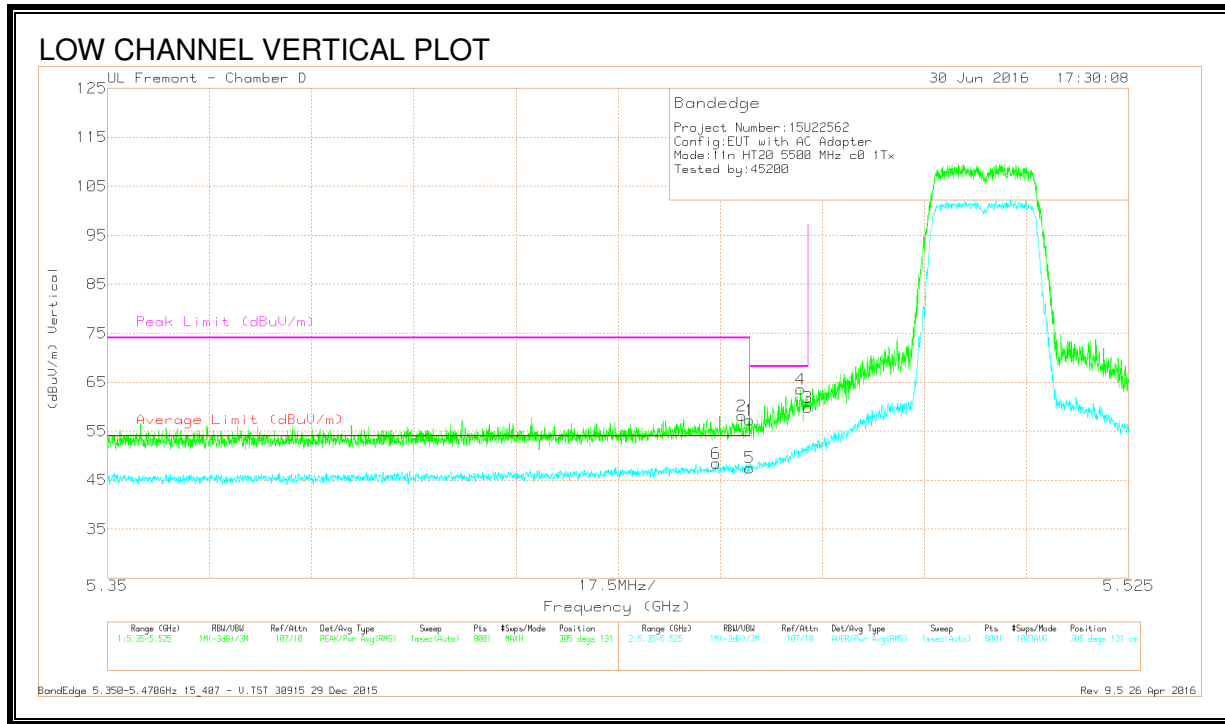
9.26. 802.11n HT20 1Tx MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/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	* 5.446	40.76	Pk	34.4	-17.9	57.26	-	-	74	-16.74	309	101	H
6	* 5.446	30.98	RMS	34.4	-17.9	47.48	54	-6.52	-	-	309	101	H
1	* 5.46	37	Pk	34.4	-17.8	53.6	-	-	74	-20.4	309	101	H
5	* 5.46	29.7	RMS	34.4	-17.8	46.3	54	-7.7	-	-	309	101	H
3	5.47	38.75	Pk	34.4	-17.8	55.35	-	-	68.2	-12.85	309	101	H
4	5.47	41.73	Pk	34.4	-17.8	58.33	-	-	68.2	-9.87	309	101	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.454	31.95	RMS	34.4	-17.9	48.45	54	-5.55	-	-	305	131	V
2	* 5.459	41.5	Pk	34.4	-17.8	58.1	-	-	74	-15.9	305	131	V
1	* 5.46	40.59	Pk	34.4	-17.8	57.19	-	-	74	-16.81	305	131	V
5	* 5.46	30.9	RMS	34.4	-17.8	47.5	54	-6.5	-	-	305	131	V
4	5.469	46.99	Pk	34.4	-17.8	63.59	-	-	68.2	-4.61	305	131	V
3	5.47	43.24	Pk	34.4	-17.8	59.84	-	-	68.2	-8.36	305	131	V