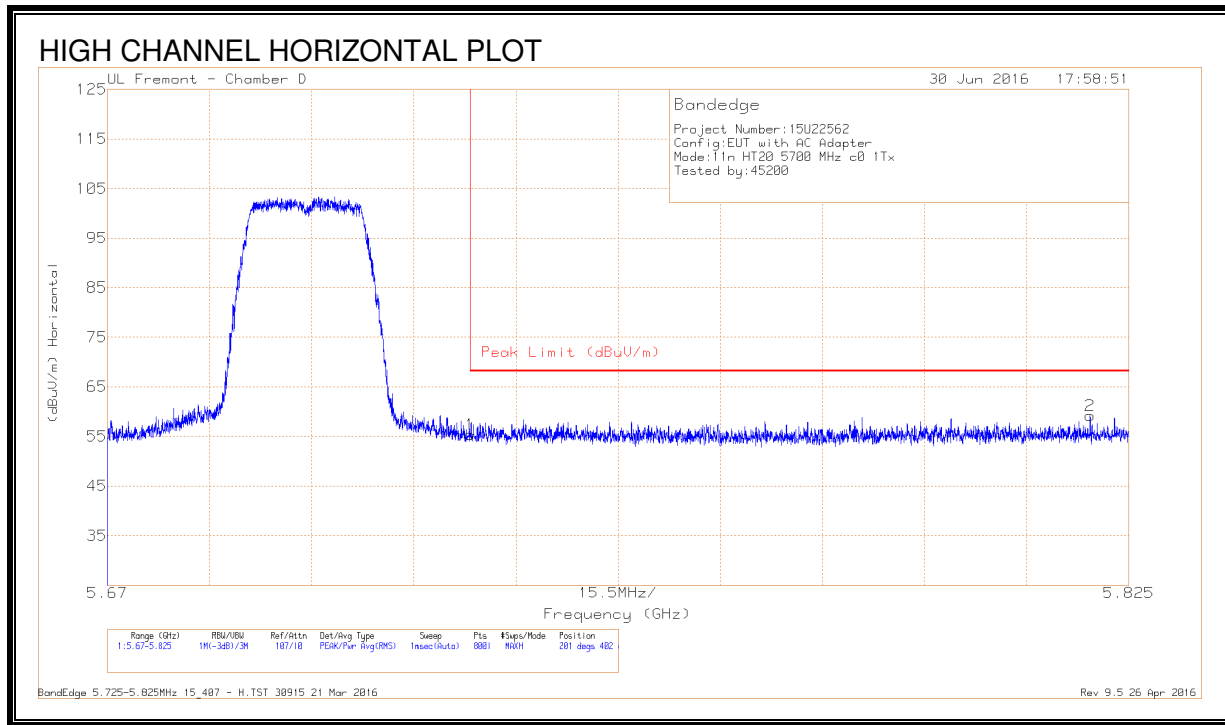
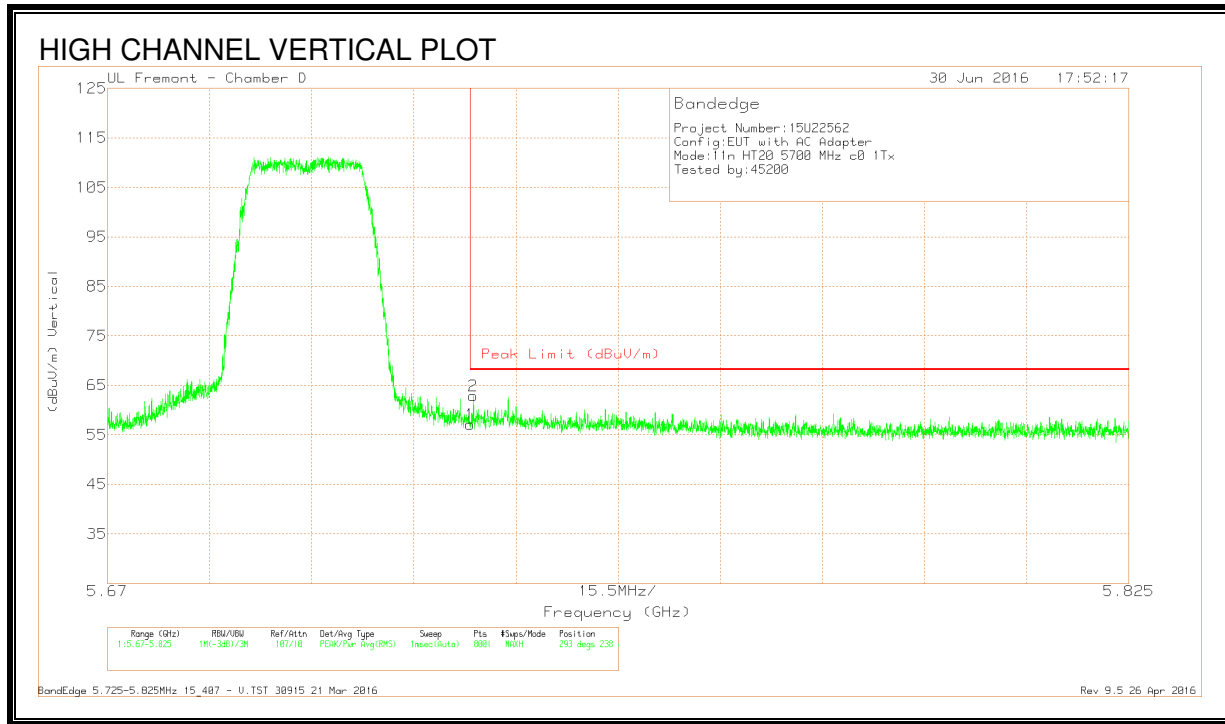


RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

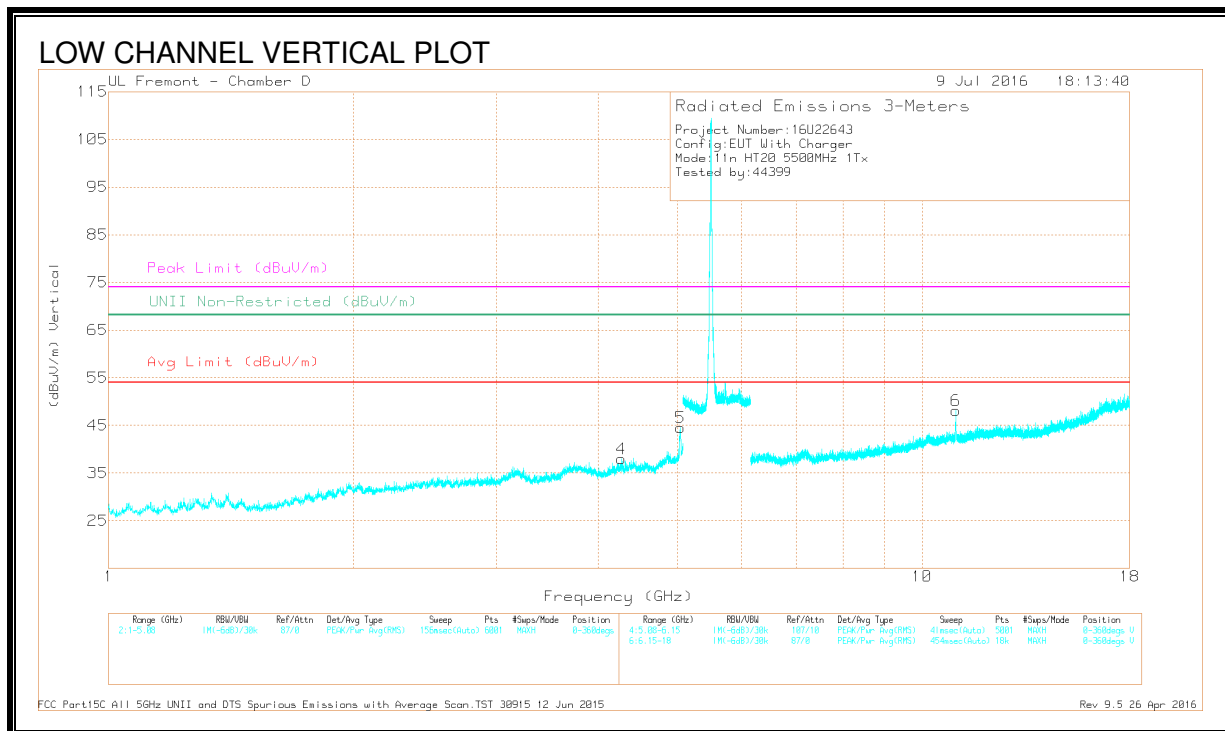
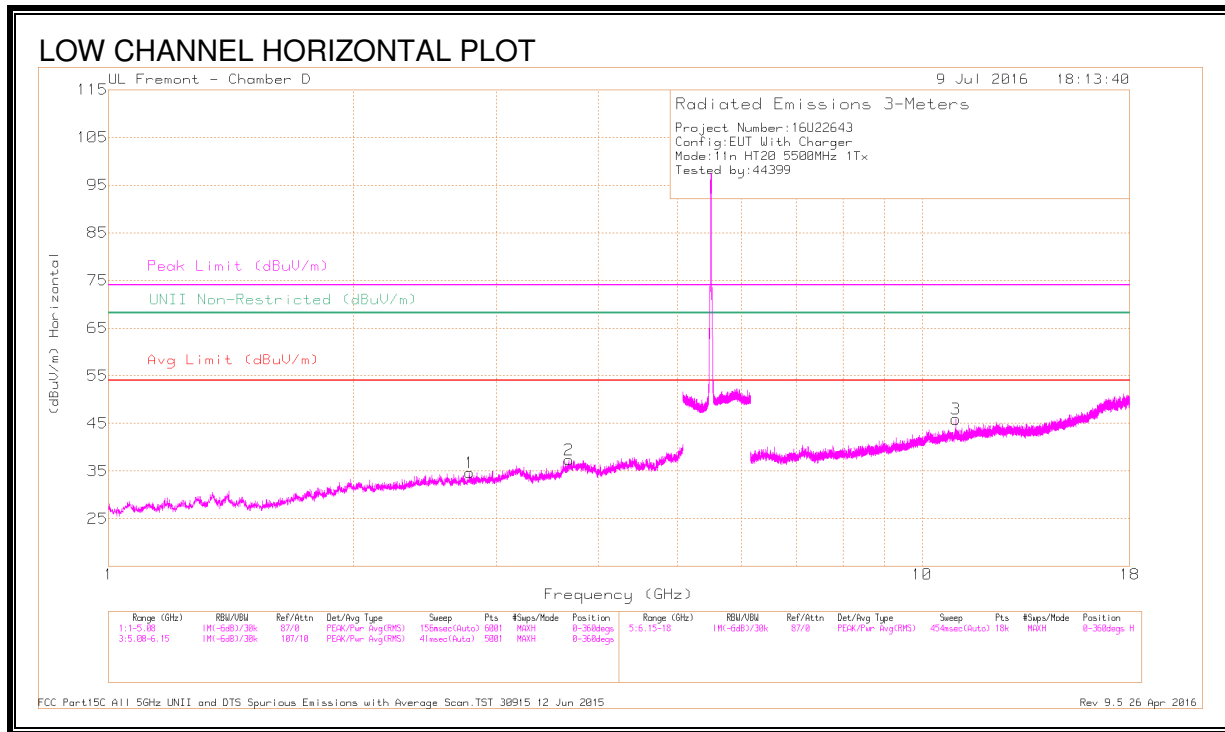
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.89	Pk	34.8	-17.3	55.39	68.2	-12.81	201	402	H
2	5.819	41.65	Pk	34.8	-17.3	59.15	68.2	-9.05	201	402	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.63	Pk	34.8	-17.3	57.13	68.2	-11.07	293	238	V
2	5.726	45.44	Pk	34.8	-17.3	62.94	68.2	-5.26	293	238	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

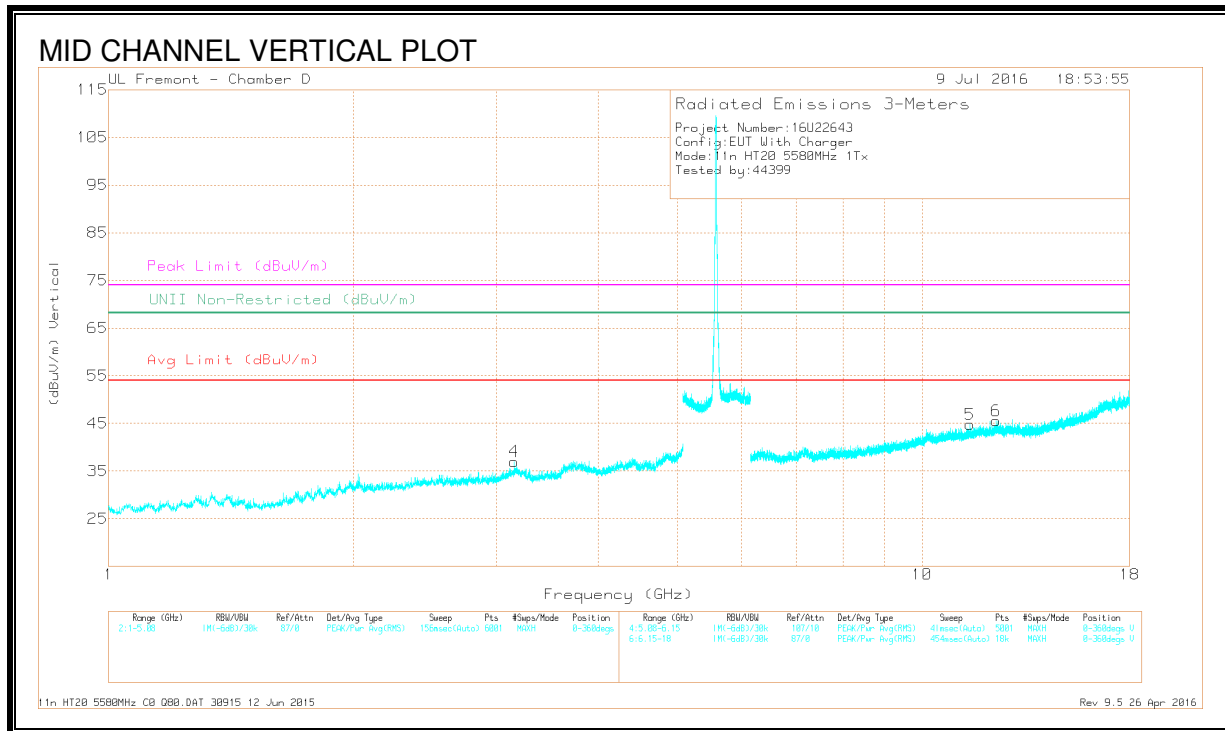
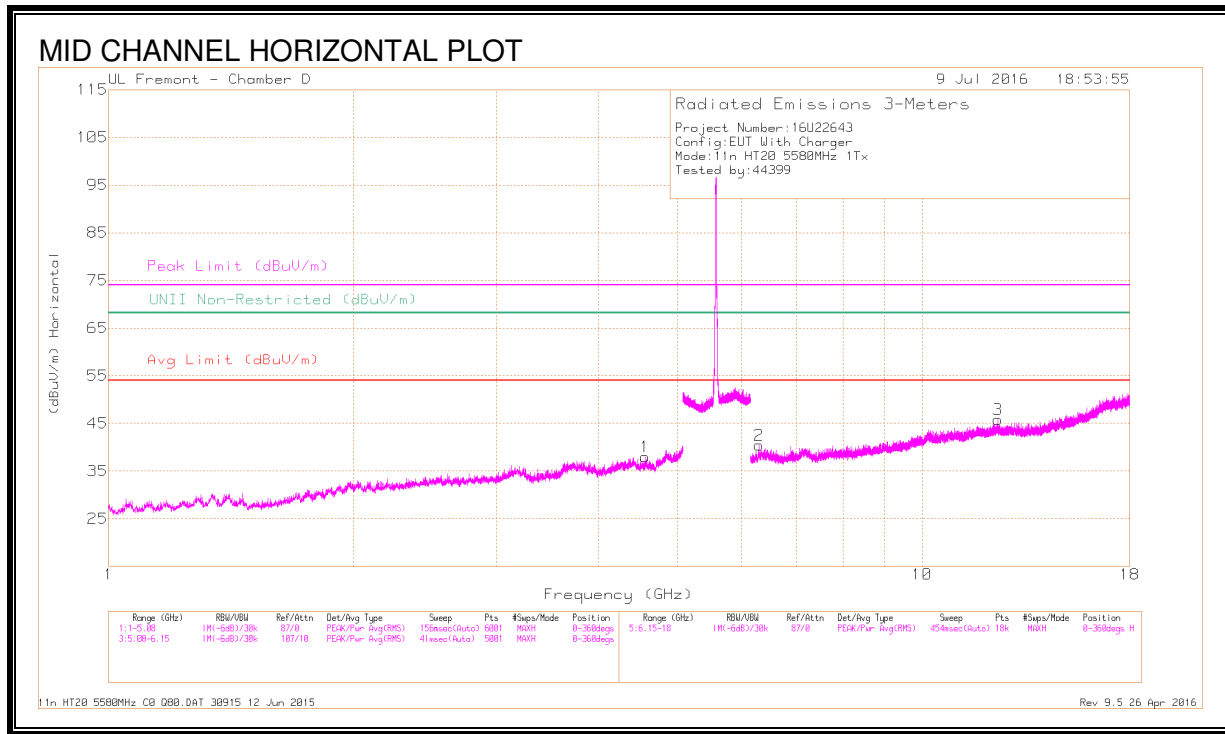
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.777	38	PK-U	32.4	-29.7	40.7	-	-	74	-33.3	-	-	32	346	H
	* 2.777	26.62	ADR	32.4	-29.7	29.32	54	-24.68	-	-	-	-	32	346	H
2	* 3.681	36.65	PK-U	33.5	-28.9	41.25	-	-	74	-32.75	-	-	143	232	H
	* 3.684	26.48	ADR	33.5	-28.9	31.08	54	-22.92	-	-	-	-	143	232	H
4	* 4.267	35.71	PK-U	33.5	-27.4	41.81	-	-	74	-32.19	-	-	288	220	V
	* 4.269	25.75	ADR	33.5	-27.5	31.75	54	-22.25	-	-	-	-	288	220	V
5	* 5.048	43.44	PK-U	34	-25.5	51.94	-	-	74	-22.06	-	-	273	261	V
	* 5.048	34.65	ADR	34	-25.5	43.15	54	-10.85	-	-	-	-	273	261	V
3	* 10.998	35.77	PK-U	38	-21.2	52.57	-	-	74	-21.43	-	-	196	102	H
	* 10.999	24.62	ADR	38	-21.2	41.42	54	-12.58	-	-	-	-	196	102	H
6	* 11.002	32.14	PK-U	38	-21.1	49.04	-	-	74	-24.96	-	-	90	172	V
	* 11	22.23	ADR	38	-21.2	39.03	54	-14.97	-	-	-	-	90	172	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

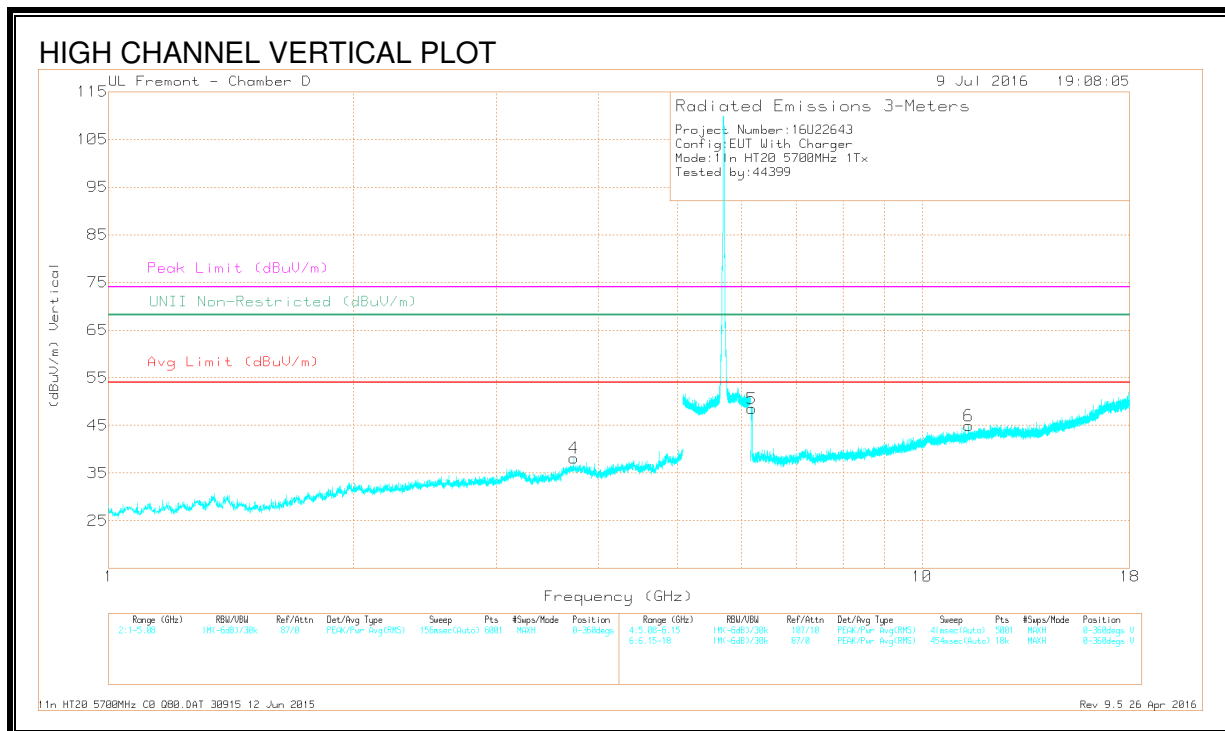
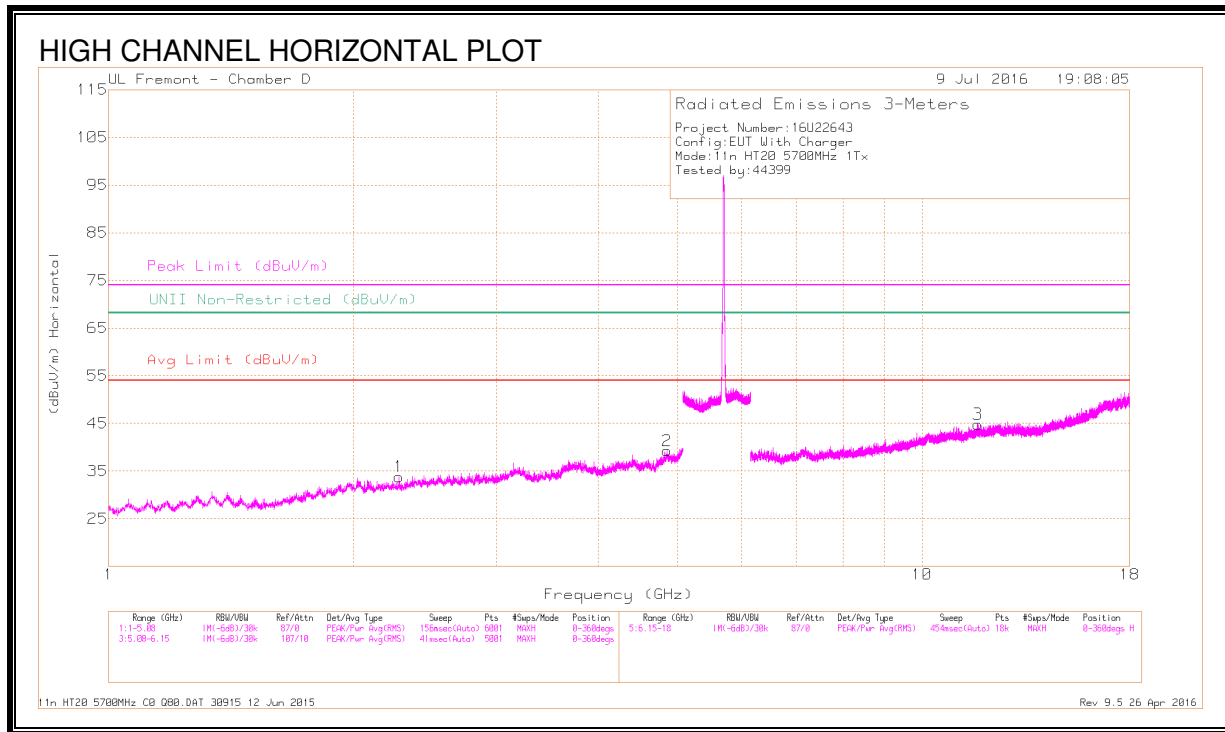
Marker	Frequenc y (GHz)	Meter Readi ng (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	Correc ted Readi ng (dBuV /m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margi n (dB)	Azim uth (Degs)	Heig ht (cm)	Polar ity
1	* 4.562	36	PK-U	34.1	-27.3	42.8	-	-	74	-31.2	-	-	217	111	H
	* 4.562	25.93	ADR	34.1	-27.3	32.73	54	-21.27	-	-	-	-	217	111	H
2	* 12.395	31.97	PK-U	39	-20.9	50.07	-	-	74	-23.93	-	-	108	215	H
	* 12.396	22.2	ADR	39	-20.8	40.4	54	-13.6	-	-	-	-	108	215	H
5	* 11.444	33.03	PK-U	38.3	-21	50.33	-	-	74	-23.67	-	-	133	173	V
	* 11.444	22.41	ADR	38.3	-21	39.71	54	-14.29	-	-	-	-	133	173	V
6	* 12.339	32.09	PK-U	39	-20.9	50.19	-	-	74	-23.81	-	-	196	167	V
	* 12.336	22.35	ADR	39	-20.9	40.45	54	-13.55	-	-	-	-	196	167	V
4	3.152	36.7	PK-U	33.6	-28.5	41.8	-	-	-	-	68.2	-26.4	287	237	V
3	6.3	34.6	PK-U	35.6	-25.4	44.8	-	-	-	-	68.2	-23.4	238	239	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

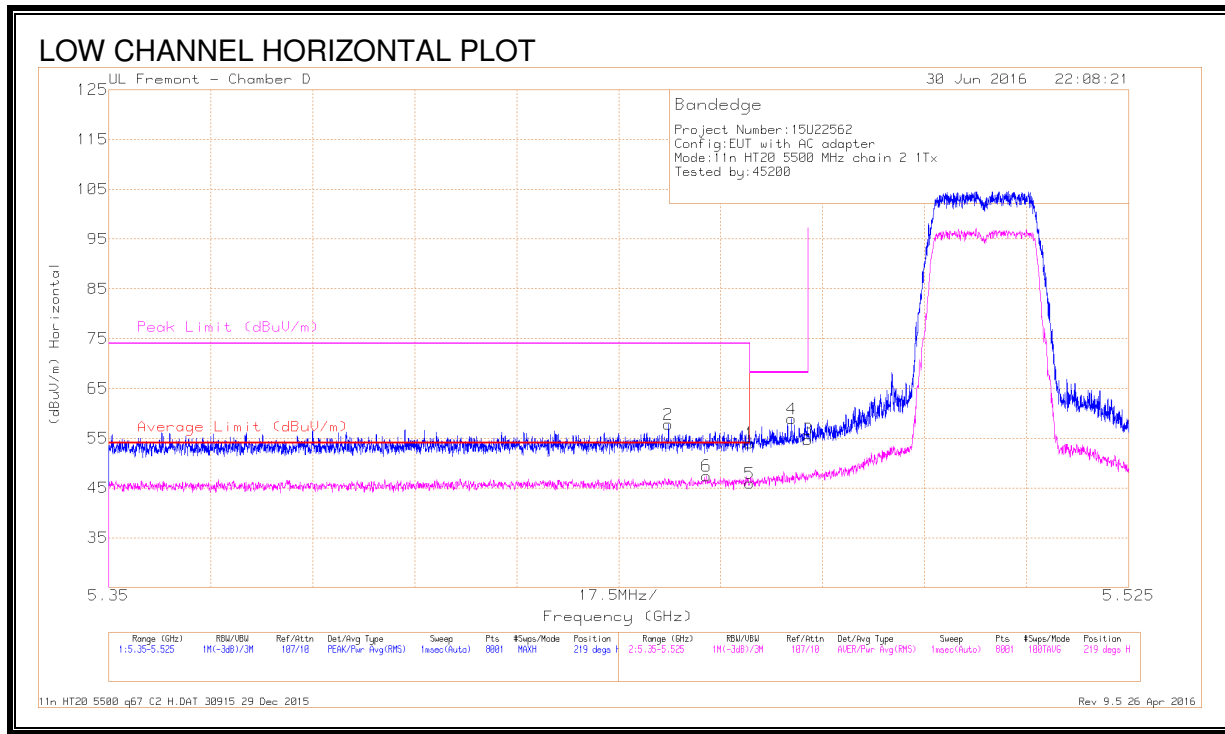
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1	* 2.276	37.41	PK-U	31.4	-30.5	38.31	-	-	74	-35.69	-	-	196	167	H
	* 2.273	27.63	ADR	31.4	-30.5	28.53	54	-25.47	-	-	-	-	196	167	H
2	* 4.859	35.23	PK-U	34.1	-25.3	44.03	-	-	74	-29.97	-	-	241	236	H
	* 4.856	24.5	ADR	34.1	-25.3	33.3	54	-20.7	-	-	-	-	241	236	H
4	* 3.733	35.86	PK-U	33.5	-28.8	40.56	-	-	74	-33.44	-	-	180	202	V
	* 3.734	26.54	ADR	33.5	-28.8	31.24	54	-22.76	-	-	-	-	180	202	V
5	* 3.733	36.61	PK-U	33.5	-28.8	41.31	-	-	74	-32.69	-	-	256	238	V
3	* 11.707	31.89	PK-U	38.6	-20.8	49.69	-	-	74	-24.31	-	-	255	188	H
	* 11.704	21.67	ADR	38.6	-20.8	39.47	54	-14.53	-	-	-	-	255	188	H
6	* 11.41	33.02	PK-U	38.3	-21.1	50.22	-	-	74	-23.78	-	-	82	163	V
	* 11.408	22.71	ADR	38.3	-21.2	39.81	54	-14.19	-	-	-	-	82	163	V

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

PK-U - U-NII: Maximum Peak

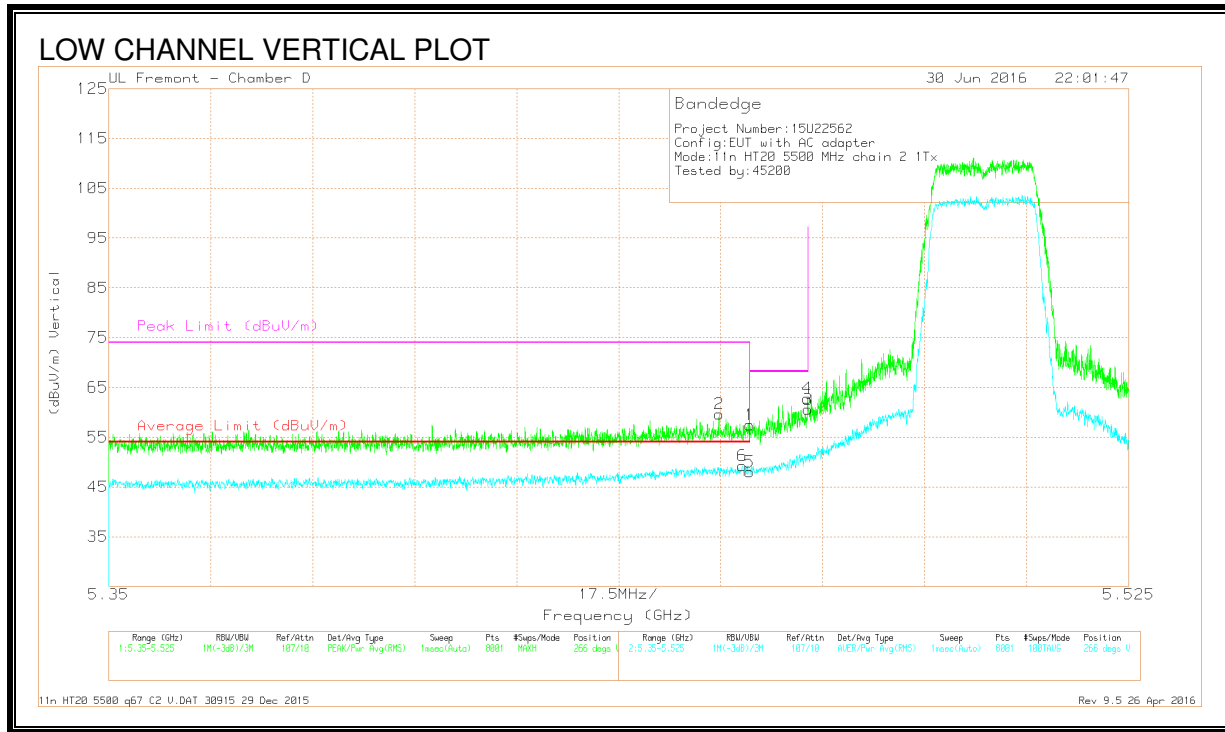
ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



DATA

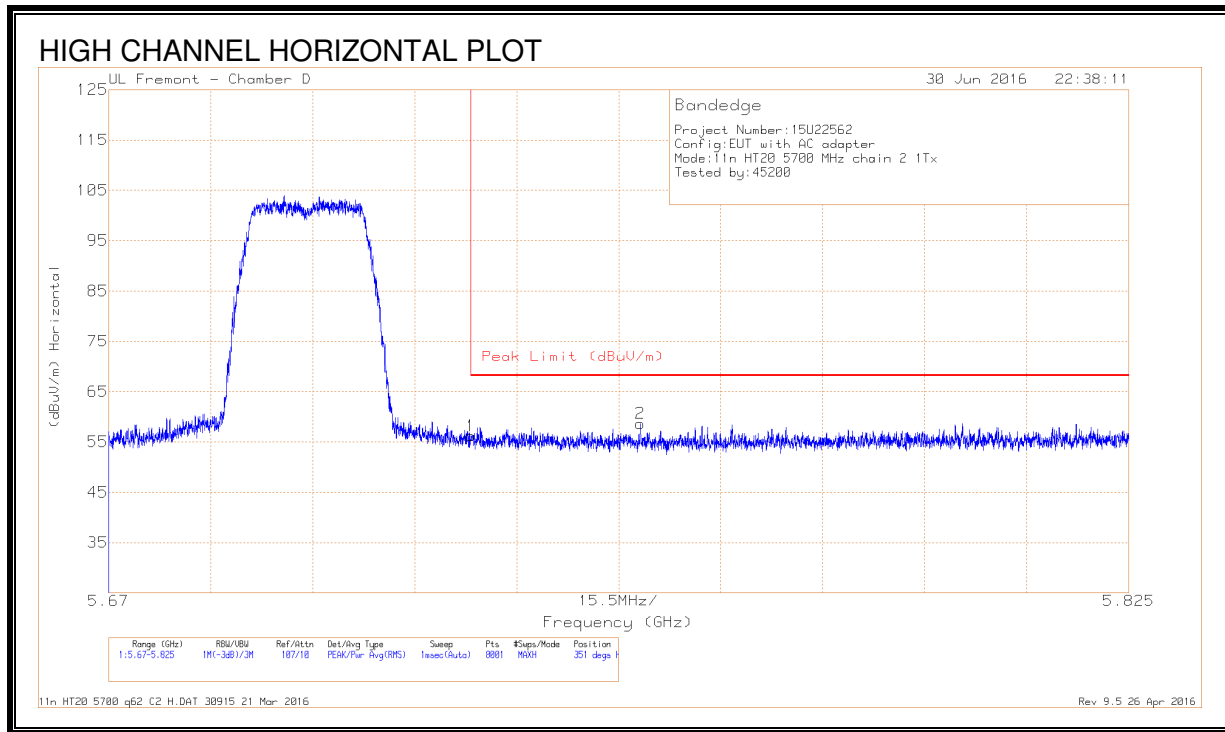
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2	* 5.446	41.27	Pk	34.4	-17.9	57.77	-	-	74	-16.23	219	383	H
6	* 5.453	30.94	RMS	34.4	-17.9	47.44	54	-6.56	-	-	219	383	H
1	* 5.46	37.41	Pk	34.4	-17.8	54.01	-	-	74	-19.99	219	383	H
5	* 5.46	29.3	RMS	34.4	-17.8	45.9	54	-8.1	-	-	219	383	H
4	5.467	42.27	Pk	34.4	-17.8	58.87	-	-	68.2	-9.33	219	383	H
3	5.47	38.16	Pk	34.4	-17.8	54.76	-	-	68.2	-13.44	219	383	H



DATA

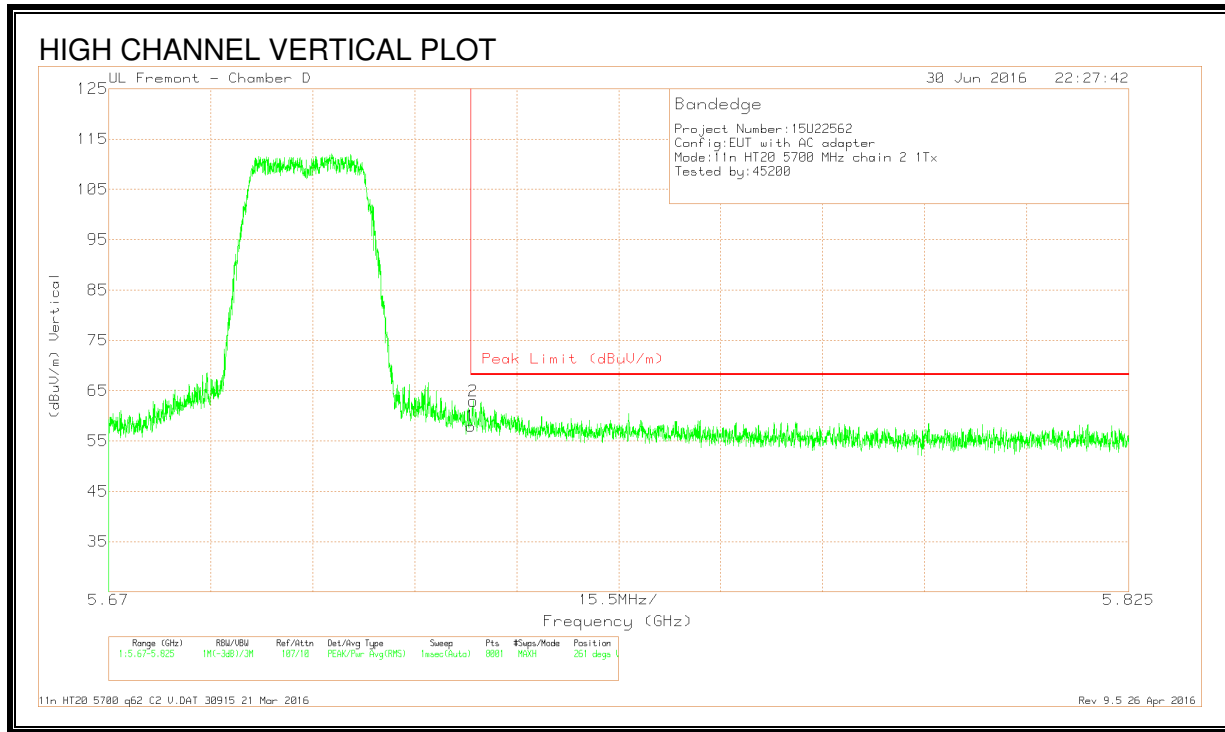
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.455	43.17	Pk	34.4	-17.9	59.67	-	-	74	-14.33	266	246	V
6	* 5.459	32.68	RMS	34.4	-17.8	49.28	54	-4.72	-	-	266	246	V
1	* 5.46	40.88	Pk	34.4	-17.8	57.48	-	-	74	-16.52	266	246	V
5	* 5.46	31.44	RMS	34.4	-17.8	48.04	54	-5.96	-	-	266	246	V
3	5.47	43.99	Pk	34.4	-17.8	60.59	-	-	68.2	-7.61	266	246	V
4	5.47	46.25	Pk	34.4	-17.8	62.85	-	-	68.2	-5.35	266	246	V

RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

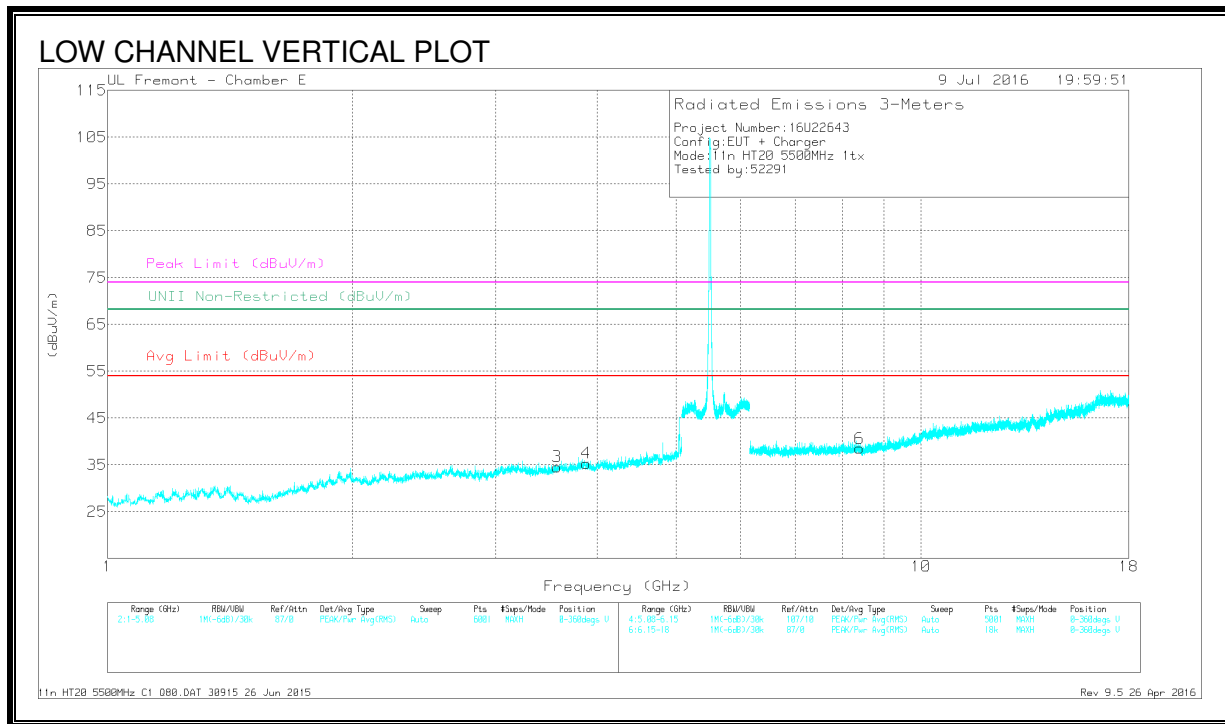
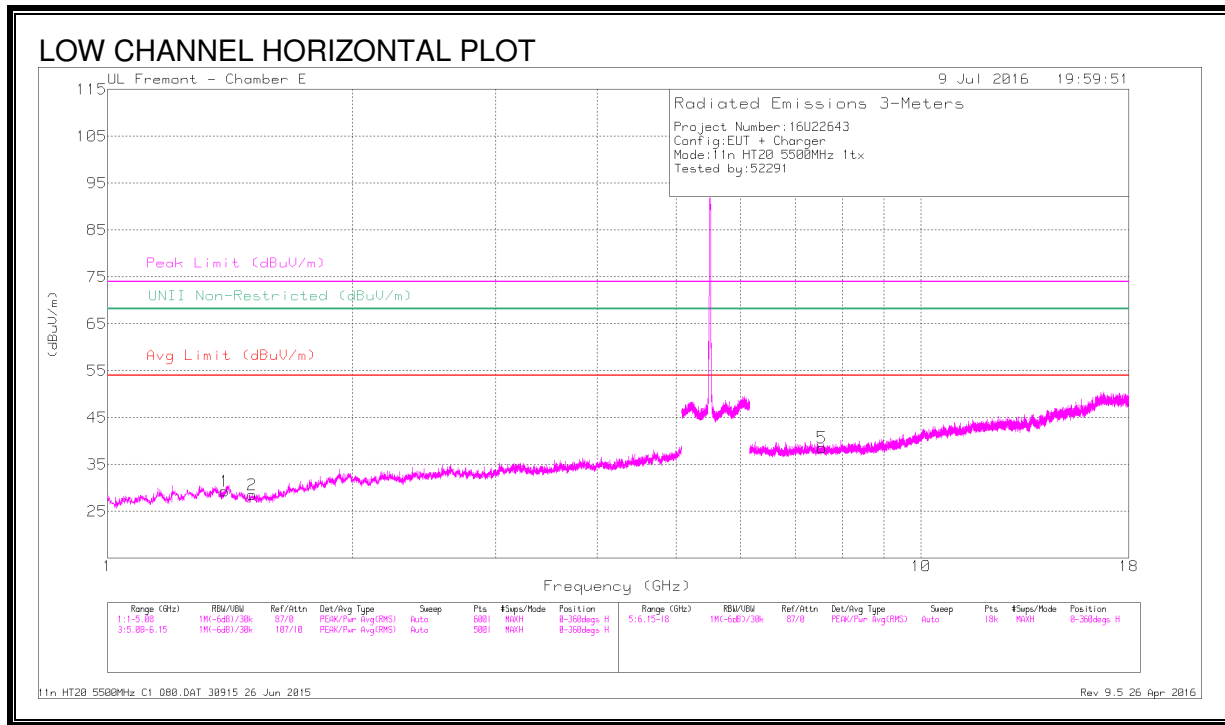
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.73	Pk	34.8	-17.3	56.23	68.2	-11.97	351	384	H
2	5.751	41.19	Pk	34.8	-17.3	58.69	68.2	-9.51	351	384	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.46	Pk	34.8	-17.3	57.96	68.2	-10.24	261	229	V
2	5.725	45.44	Pk	34.8	-17.3	62.94	68.2	-5.26	261	229	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

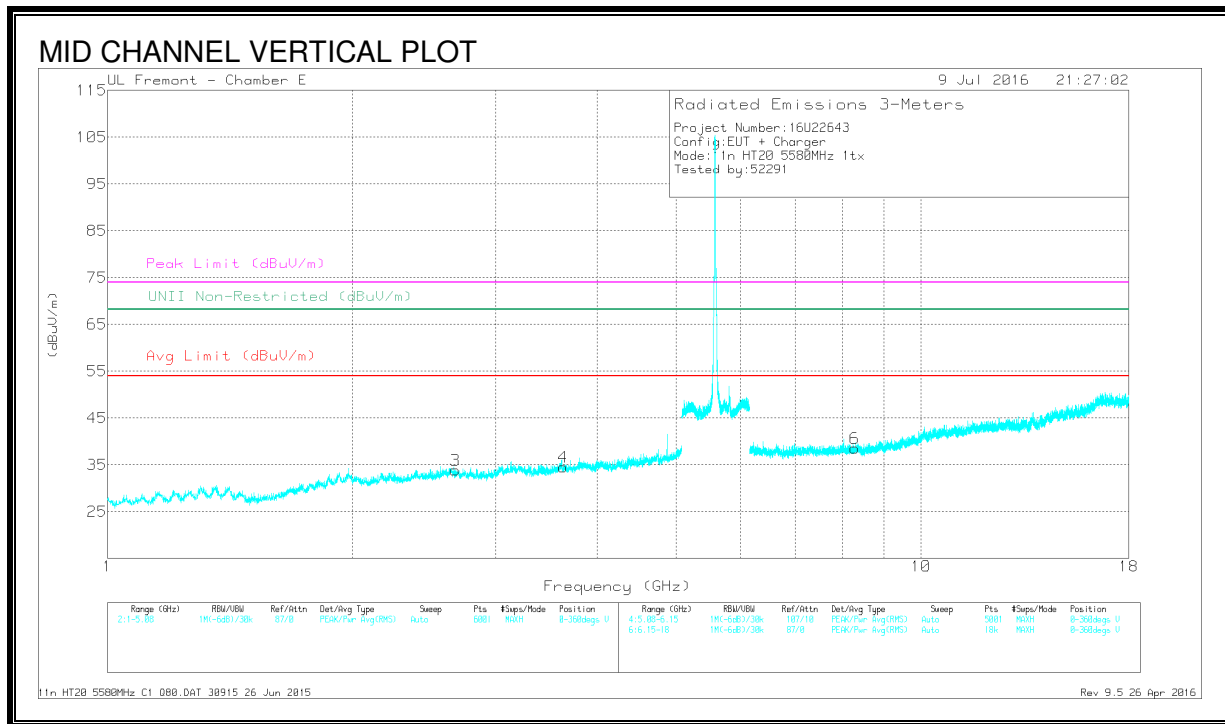
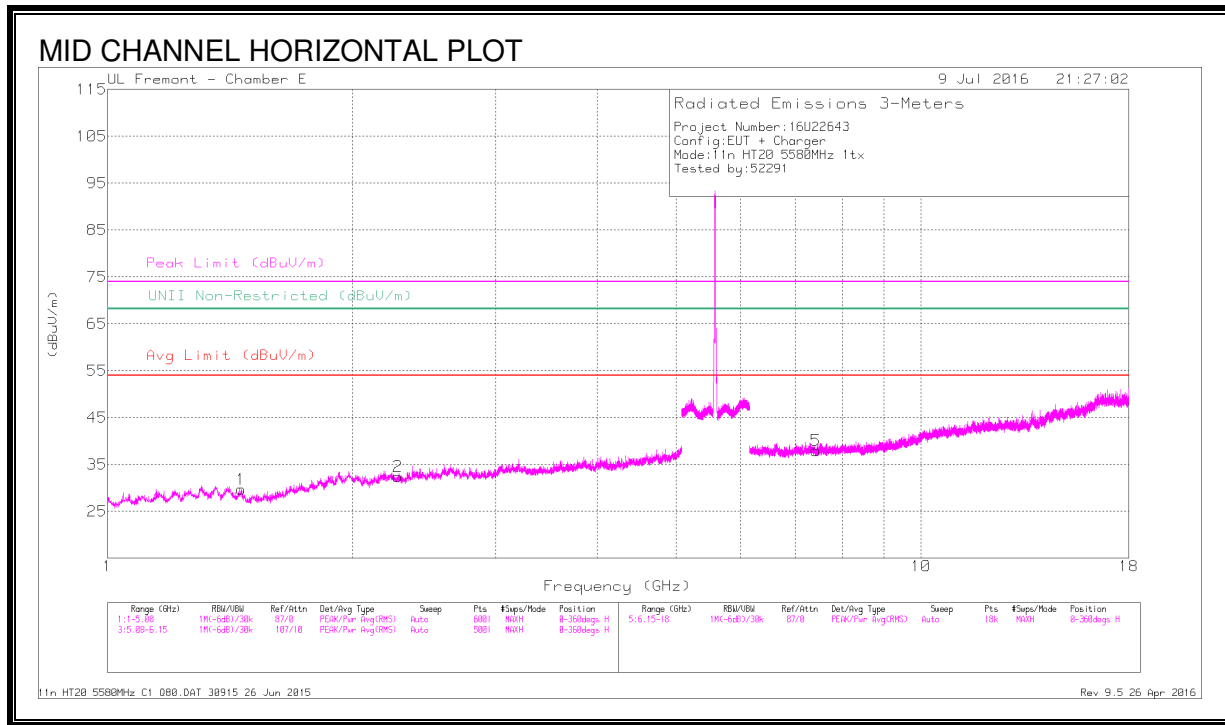
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.395	41.41	PK-U	29.1	-34.7	35.81	-	-	74	-38.19	-	-	63	278	H
	* 1.395	30.6	ADR	29.1	-34.7	25	54	-29	-	-	-	-	63	278	H
2	* 1.506	42.51	PK-U	27.7	-35.1	35.11	-	-	74	-38.89	-	-	54	115	H
	* 1.507	31.77	ADR	27.7	-35.1	24.37	54	-29.63	-	-	-	-	54	115	H
3	* 3.567	39.22	PK-U	33	-30.5	41.72	-	-	74	-32.28	-	-	98	166	V
	* 3.567	28.3	ADR	33	-30.5	30.8	54	-23.2	-	-	-	-	98	166	V
4	* 3.877	38.34	PK-U	33.3	-30.1	41.54	-	-	74	-32.46	-	-	160	138	V
	* 3.878	28.09	ADR	33.3	-30.2	31.19	54	-22.81	-	-	-	-	160	138	V
5	* 7.553	35.72	PK-U	35.6	-26.5	44.82	-	-	74	-29.18	-	-	118	197	H
	* 7.554	25.72	ADR	35.6	-26.5	34.82	54	-19.18	-	-	-	-	118	197	H
6	* 8.397	35.46	PK-U	35.7	-26.4	44.76	-	-	74	-29.24	-	-	72	166	V
	* 8.397	25.65	ADR	35.7	-26.5	34.85	54	-19.15	-	-	-	-	72	166	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

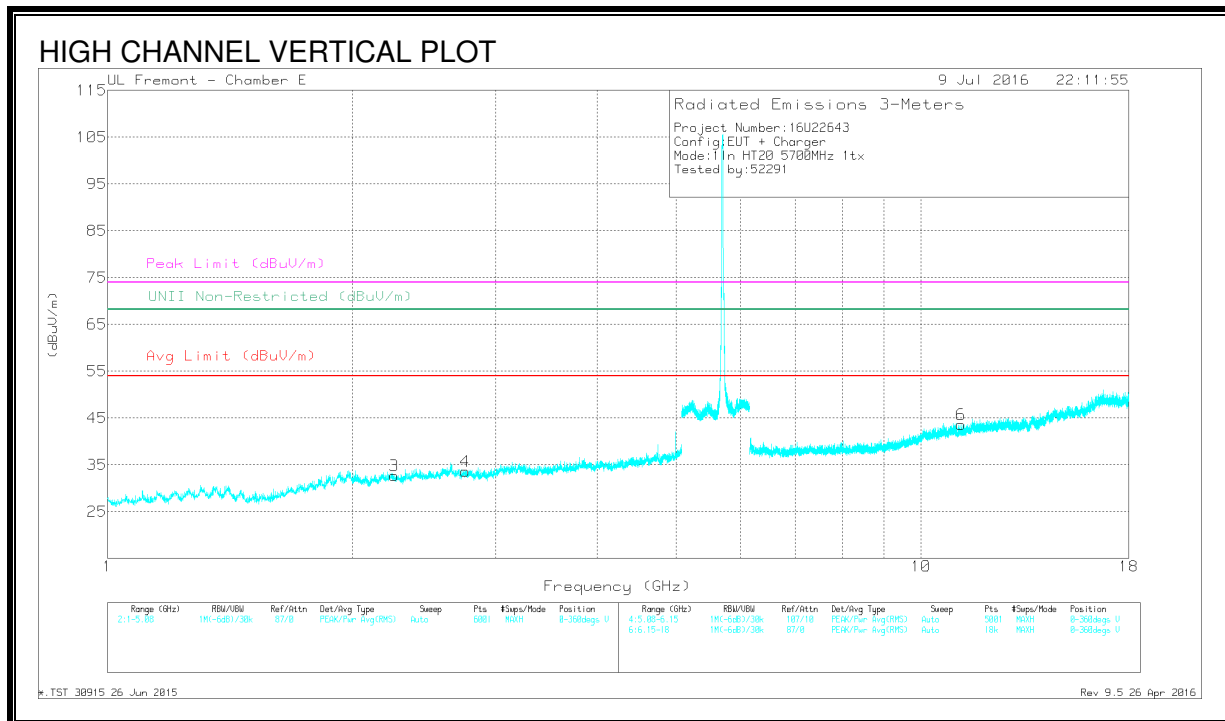
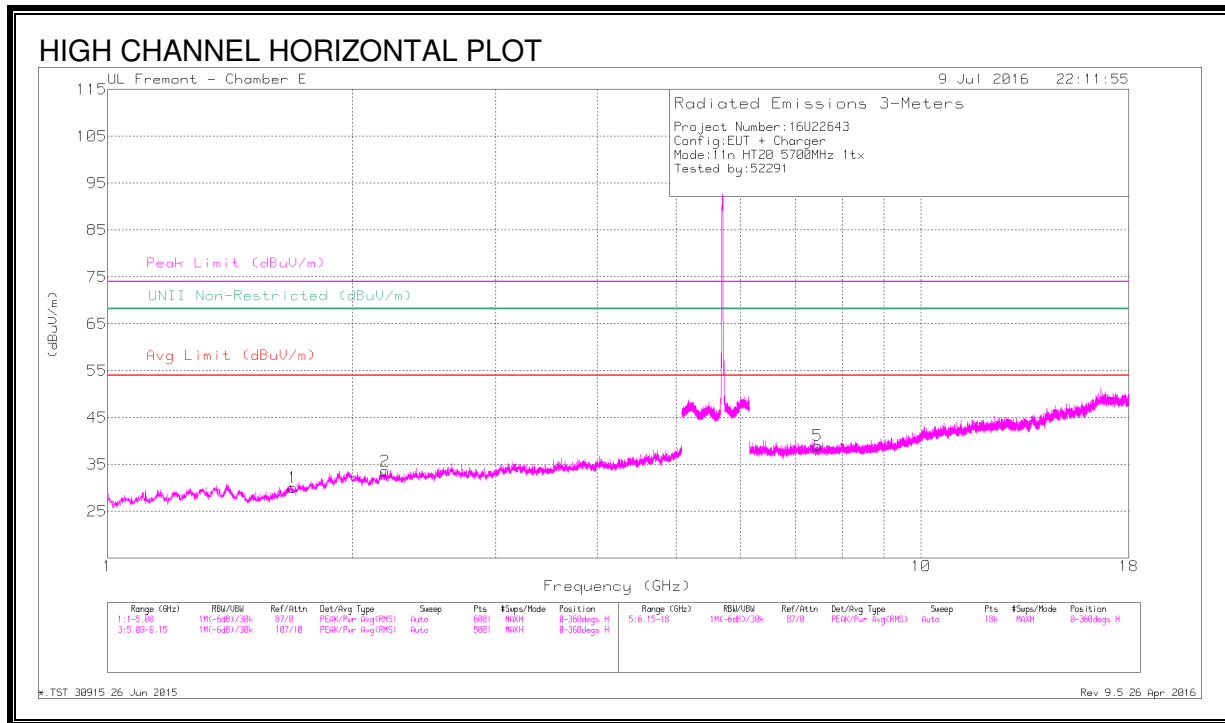
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.457	43.23	PK-U	28.3	-34.8	36.73	-	-	74	-37.27	-	-	319	232	H
	* 1.457	31.37	ADR	28.3	-34.8	24.87	54	-29.13	-	-	-	-	319	232	H
2	* 2.274	40.51	PK-U	31.6	-33.2	38.91	-	-	74	-35.09	-	-	246	207	H
	* 2.274	30.13	ADR	31.5	-33.2	28.43	54	-25.57	-	-	-	-	246	207	H
3	* 2.676	39.55	PK-U	32.6	-31.9	40.25	-	-	74	-33.75	-	-	192	186	V
	* 2.674	28.89	ADR	32.6	-31.9	29.59	54	-24.41	-	-	-	-	192	186	V
4	* 3.632	38.71	PK-U	33	-30.8	40.91	-	-	74	-33.09	-	-	255	195	V
	* 3.633	28.51	ADR	33	-30.8	30.71	54	-23.29	-	-	-	-	255	195	V
5	* 7.419	36.42	PK-U	35.6	-27.8	44.22	-	-	74	-29.78	-	-	73	164	H
	* 7.418	26.51	ADR	35.6	-27.8	34.31	54	-19.69	-	-	-	-	73	164	H
6	* 8.288	35.67	PK-U	35.7	-26.9	44.47	-	-	74	-29.53	-	-	124	113	V
	* 8.289	26	ADR	35.7	-26.9	34.8	54	-19.2	-	-	-	-	124	113	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 T711 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Correc ted Readi ng (dBuV /m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margi n (dB)	Azim uth (Degs)	Heig ht (cm)	Polar ity
1	* 1.685	41.09	PK-U	28.9	-33.4	36.59	-	-	74	-37.41	-	-	152	349	H
	* 1.684	29.69	ADR	28.9	-33.4	25.19	54	-28.81	-	-	-	-	152	349	H
3	* 2.252	40.34	PK-U	31.6	-32.9	39.04	-	-	74	-34.96	-	-	197	283	V
	* 2.254	29.77	ADR	31.6	-33	28.37	54	-25.63	-	-	-	-	197	283	V
4	* 2.751	40.18	PK-U	32.5	-32.3	40.38	-	-	74	-33.62	-	-	262	102	V
	* 2.75	29.41	ADR	32.5	-32.4	29.51	54	-24.49	-	-	-	-	262	102	V
5	* 7.464	36.33	PK-U	35.5	-27.3	44.53	-	-	74	-29.47	-	-	124	155	H
	* 7.462	26.51	ADR	35.5	-27.4	34.61	54	-19.39	-	-	-	-	124	155	H
6	* 11.198	35.56	PK-U	38.1	-24.5	49.16	-	-	74	-24.84	-	-	87	224	V
	* 11.194	25.26	ADR	38.1	-24.5	38.86	54	-15.14	-	-	-	-	87	224	V
2	2.195	40.19	PK-U	31.8	-32.6	39.39	-	-	-	-	68.2	-28.81	87	306	H
	2.196	29.75	ADR	31.8	-32.6	28.95	-	-	-	-	-	-	87	306	H

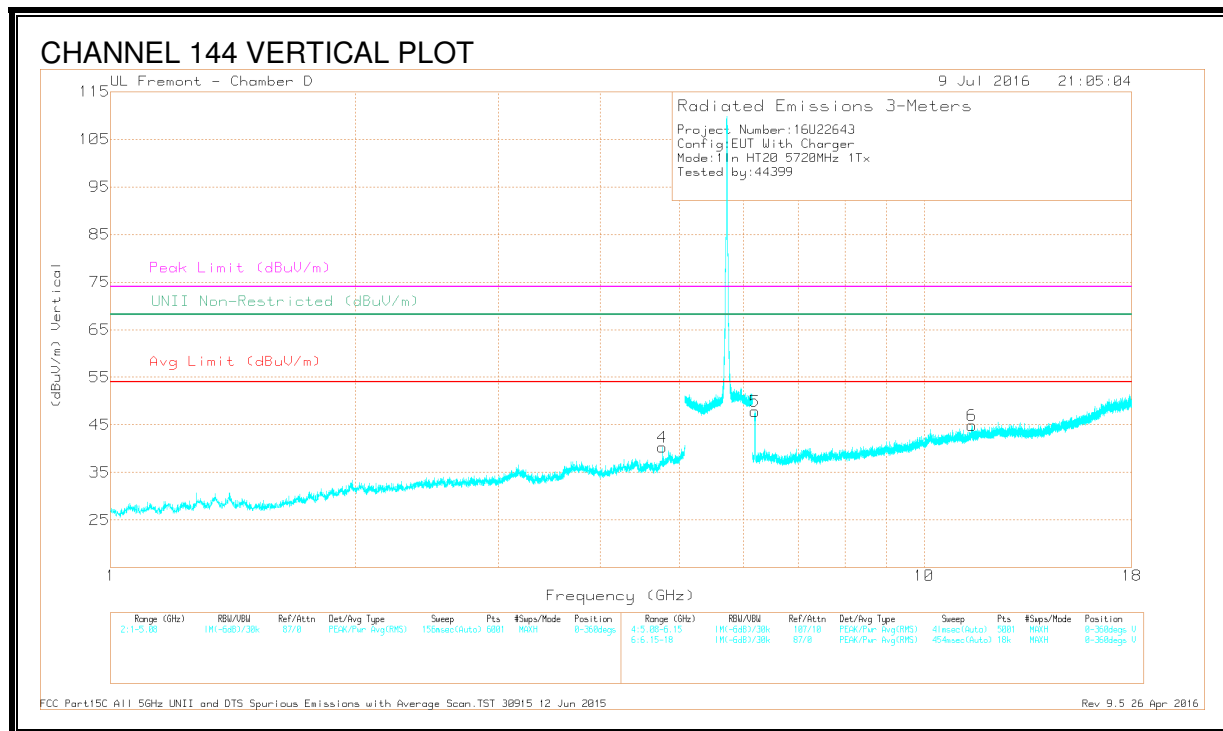
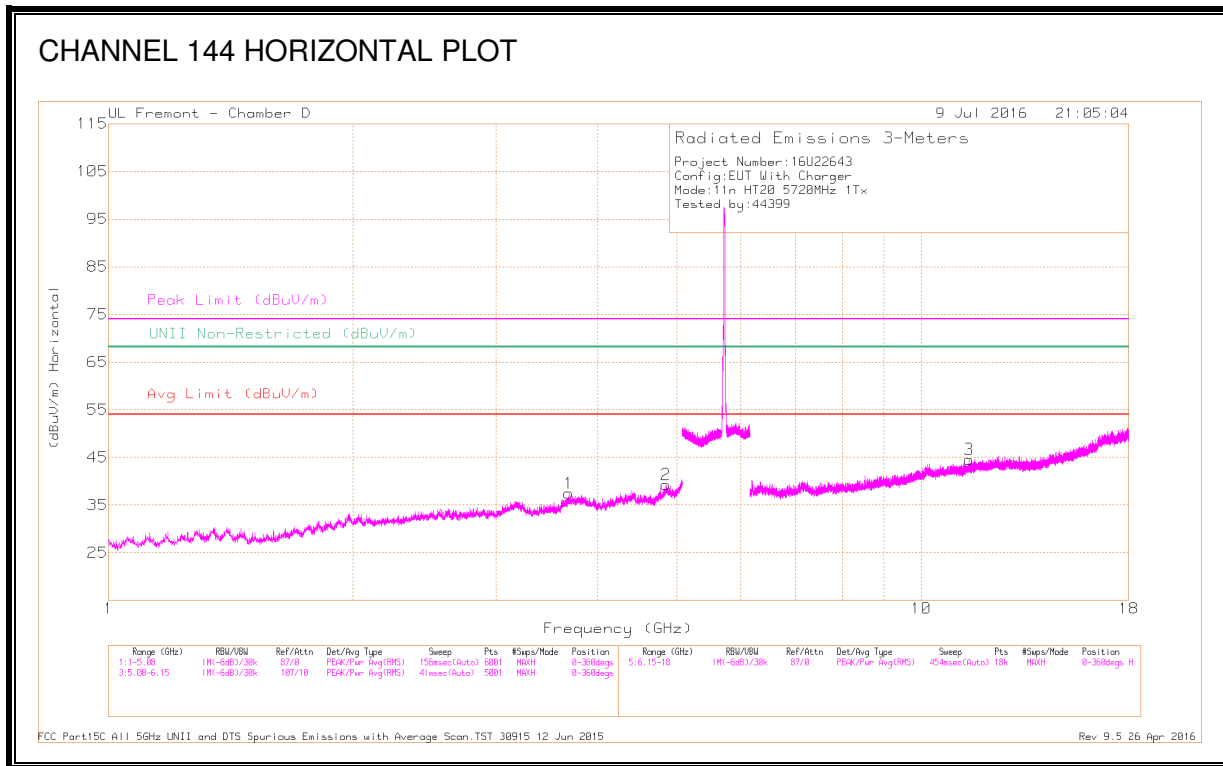
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.27. 802.11ac VHT20 1Tx STRADDLE CHANNEL 144 HARMONICS AND SPURIOUS EMISSIONS

CHAIN 0



DATA

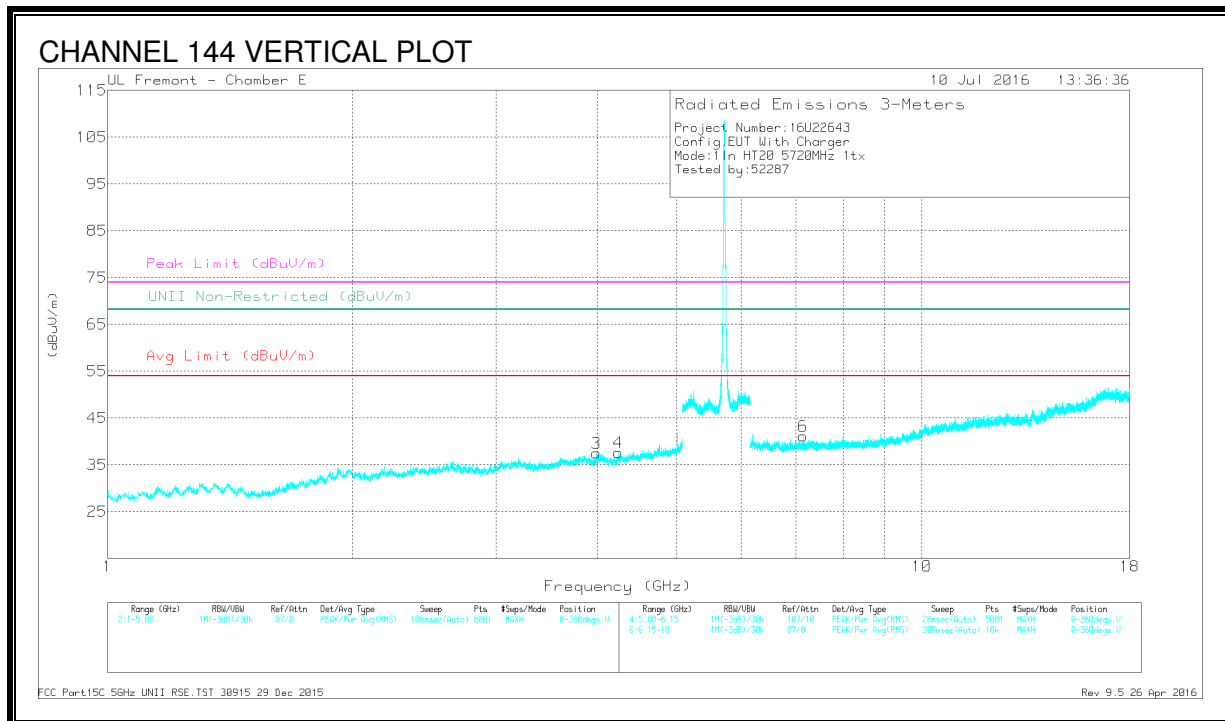
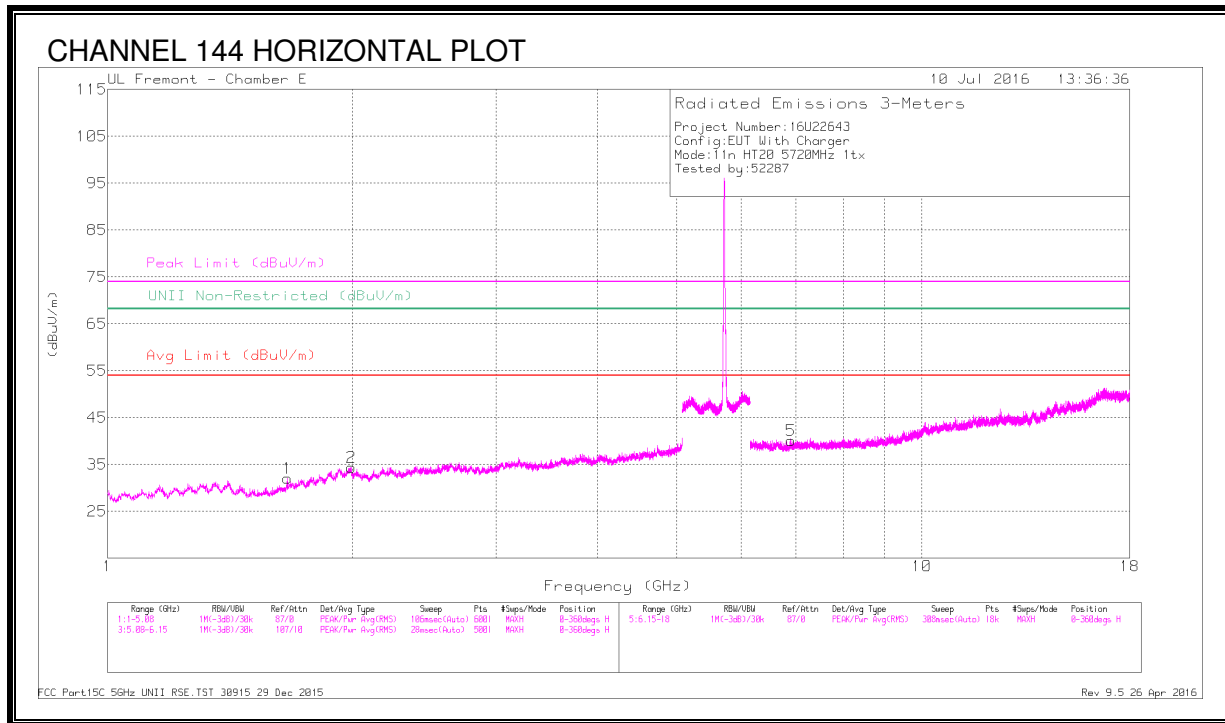
Marker	Frequenc y (GHz)	Meter Readi ng (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margi n (dB)	UNII Non- Restricted (dBuV/m)	PK Margi n (dB)	Azim uth (Degs)	Heig ht (cm)	Polar ity
1	* 3.685	36.61	PK-U	33.5	-28.9	41.21	-	-	74	-32.79	-	-	219	210	H
	* 3.684	26.39	ADR	33.5	-28.9	30.99	54	-23.01	-	-	-	-	219	210	H
2	* 4.851	35.35	PK-U	34.1	-25.5	43.95	-	-	74	-30.05	-	-	183	199	H
	* 4.852	25.53	ADR	34.1	-25.4	34.23	54	-19.77	-	-	-	-	183	199	H
4	* 4.767	36.41	PK-U	34	-27.2	43.21	-	-	74	-30.79	-	-	222	391	V
	* 4.766	26.82	ADR	34	-27.2	33.62	54	-20.38	-	-	-	-	222	391	V
3	* 11.441	32.17	PK-U	38.3	-21	49.47	-	-	74	-24.53	-	-	230	251	H
	* 11.444	22.04	ADR	38.3	-21	39.34	54	-14.66	-	-	-	-	230	251	H
5	* 11.442	32.99	PK-U	38.3	-21	50.29	-	-	74	-23.71	-	-	221	260	V
	* 11.443	22	ADR	38.3	-21	39.3	54	-14.7	-	-	-	-	221	260	V
6	6.193	45.34	PK-U	35.6	-26.2	54.74	-	-	-	-	68.2	-13.46	287	216	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

CHAIN 1



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
	* 1.664	42.87	PK-U	28.7	-33.6	37.97	-	-	74	-36.03	-	-	128	382	H
1	* 1.662	31.74	ADR	28.7	-33.6	26.84	54	-27.16	-	-	-	-	128	382	H
	* 3.987	40.23	PK-U	33.2	-30.3	43.13	-	-	74	-30.87	-	-	309	175	V
3	* 3.986	29.52	ADR	33.2	-30.4	32.32	54	-21.68	-	-	-	-	309	175	V
	* 4.239	40.11	PK-U	33.3	-29.9	43.51	-	-	74	-30.49	-	-	304	313	V
4	* 4.236	29.61	ADR	33.3	-29.9	33.01	54	-20.99	-	-	-	-	304	313	V
2	1.992	42.73	PK-U	31.9	-33.2	41.43	-	-	-	-	68.2	-26.77	271	101	H
5	6.907	38.33	PK-U	35.6	-27.8	46.13	-	-	-	-	68.2	-22.07	304	211	H
6	7.141	39.17	PK-U	35.7	-27.8	47.07	-	-	-	-	68.2	-21.13	341	398	V

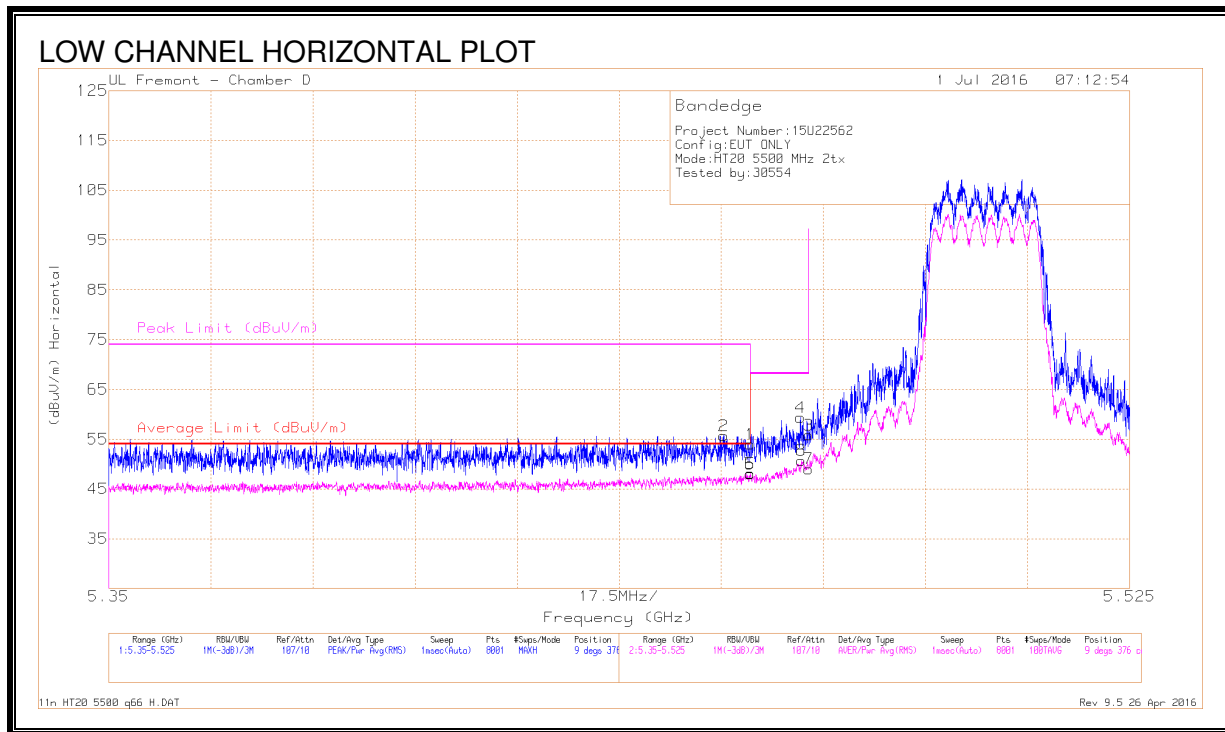
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

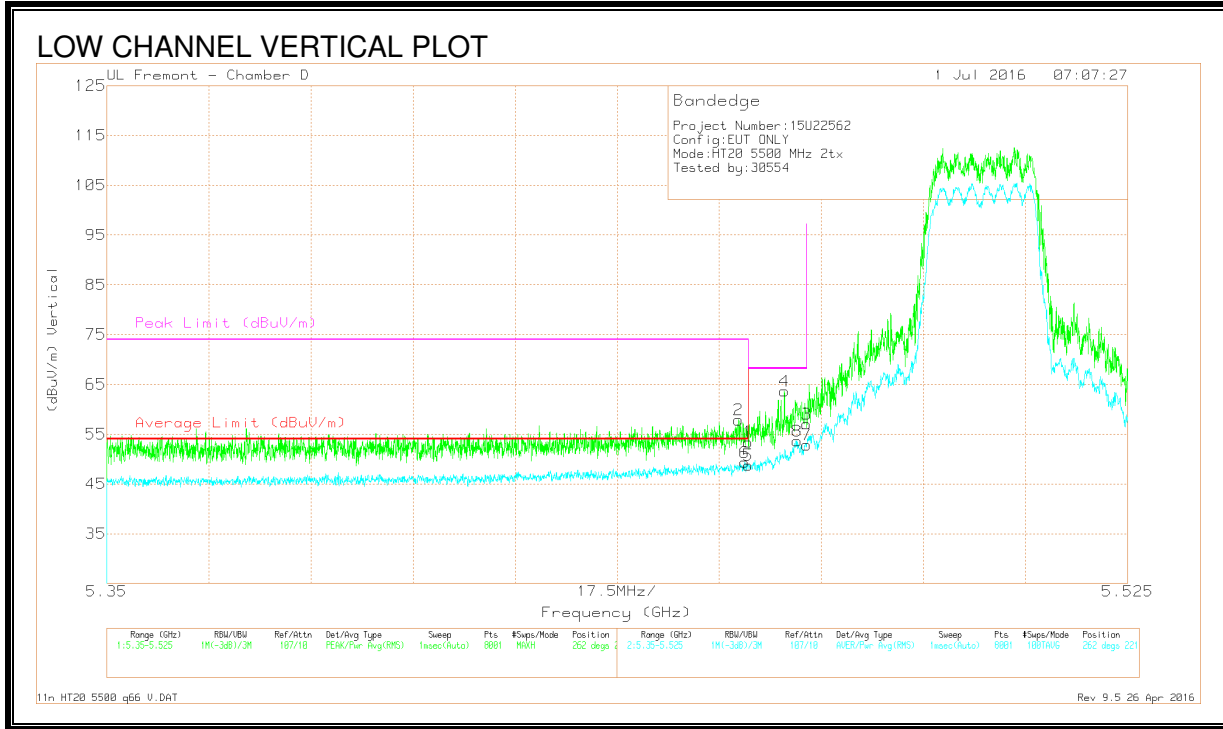
9.28. 802.11n HT20 2Tx CDD MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

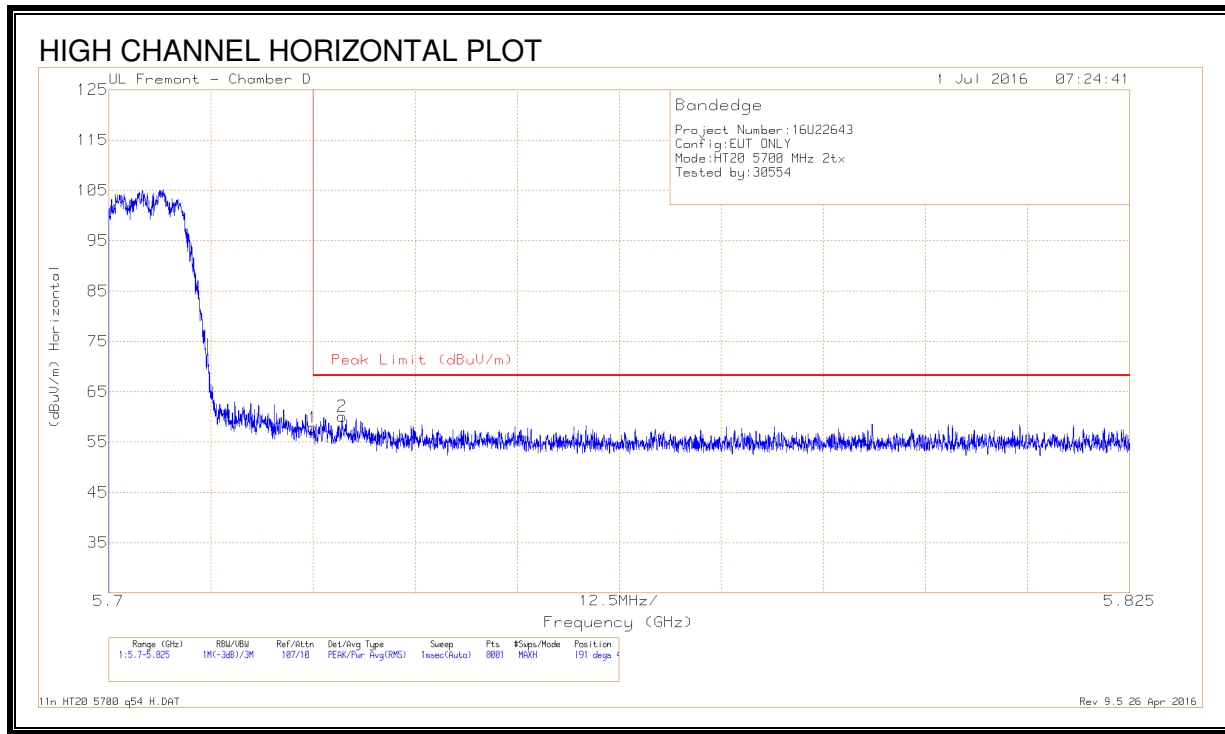
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
1	* 5.46	37.39	Pk	34.4	-17.8	53.99	-	-	74	-20.01	9	376	H
2	* 5.455	39.17	Pk	34.4	-17.9	55.67	-	-	74	-18.33	9	376	H
5	* 5.46	31.42	RMS	34.4	-17.8	48.02	54	-5.98	-	-	9	376	H
6	* 5.46	31.51	RMS	34.4	-17.8	48.11	54	-5.89	-	-	9	376	H
4	5.469	42.76	Pk	34.4	-17.8	59.36	-	-	68.2	-8.84	9	376	H
8	5.469	34.14	RMS	34.4	-17.8	50.74	-	-	-	-	9	376	H
3	5.47	39.22	Pk	34.4	-17.8	55.82	-	-	68.2	-12.38	9	376	H
7	5.47	32.44	RMS	34.4	-17.8	49.04	-	-	-	-	9	376	H



DATA

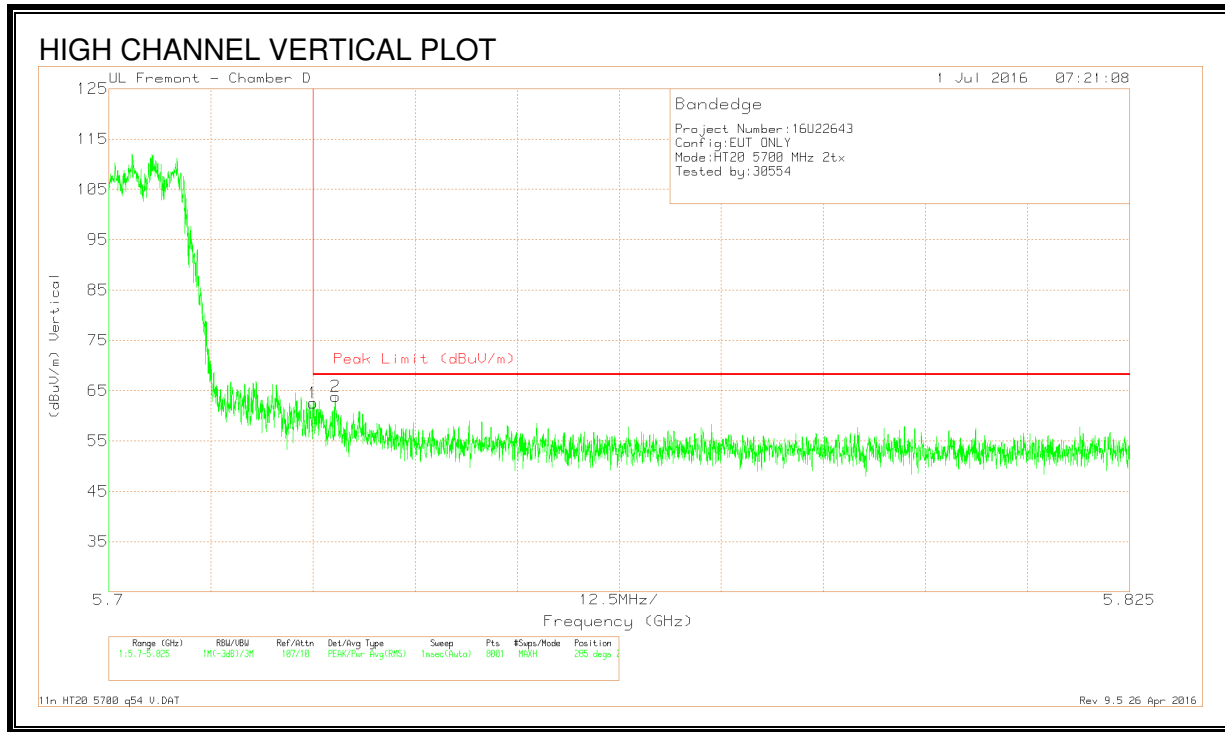
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
1	* 5.46	36.82	Pk	34.4	-17.8	53.42	-	-	74	-20.58	262	221	V
2	* 5.458	41.26	Pk	34.4	-17.8	57.86	-	-	74	-16.14	262	221	V
5	* 5.46	32.16	RMS	34.4	-17.8	48.76	54	-5.24	-	-	262	221	V
6	* 5.459	32.72	RMS	34.4	-17.8	49.32	54	-4.68	-	-	262	221	V
4	5.466	47.04	Pk	34.4	-17.8	63.64	-	-	68.2	-4.56	262	221	V
8	5.468	37.03	RMS	34.4	-17.8	53.63	-	-	-	-	262	221	V
3	5.47	40.42	Pk	34.4	-17.8	57.02	-	-	68.2	-11.18	262	221	V
7	5.47	36.24	RMS	34.4	-17.8	52.84	-	-	-	-	262	221	V

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

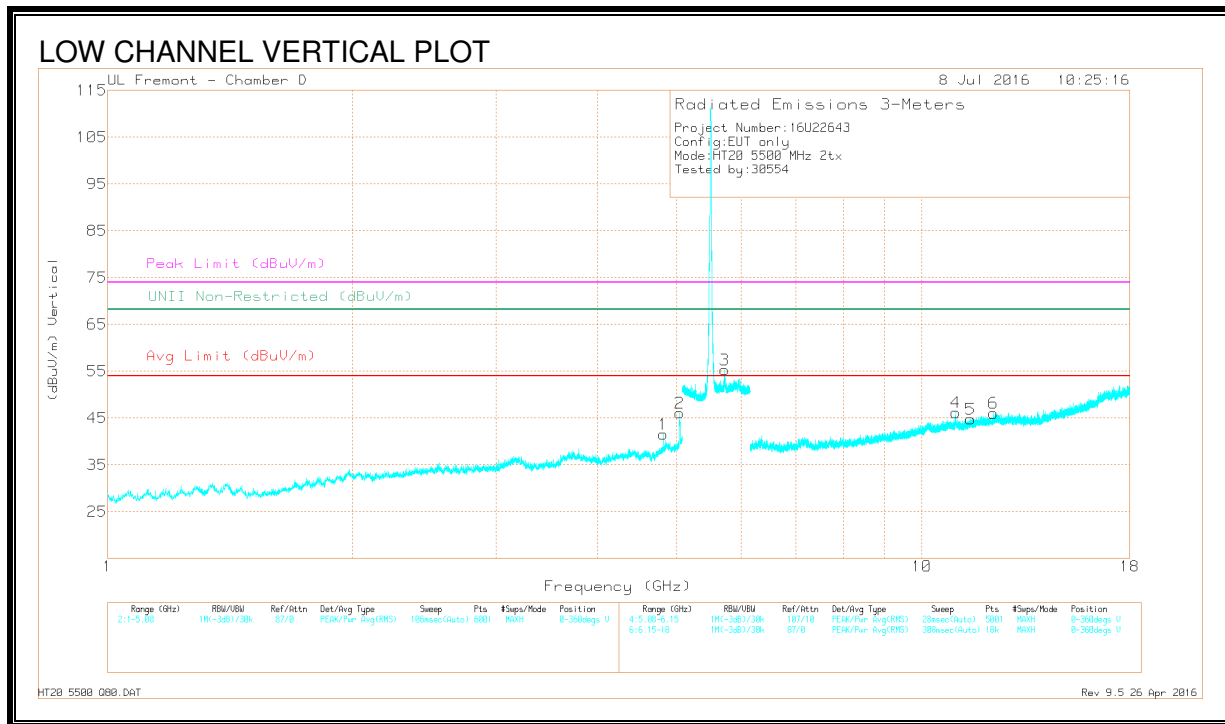
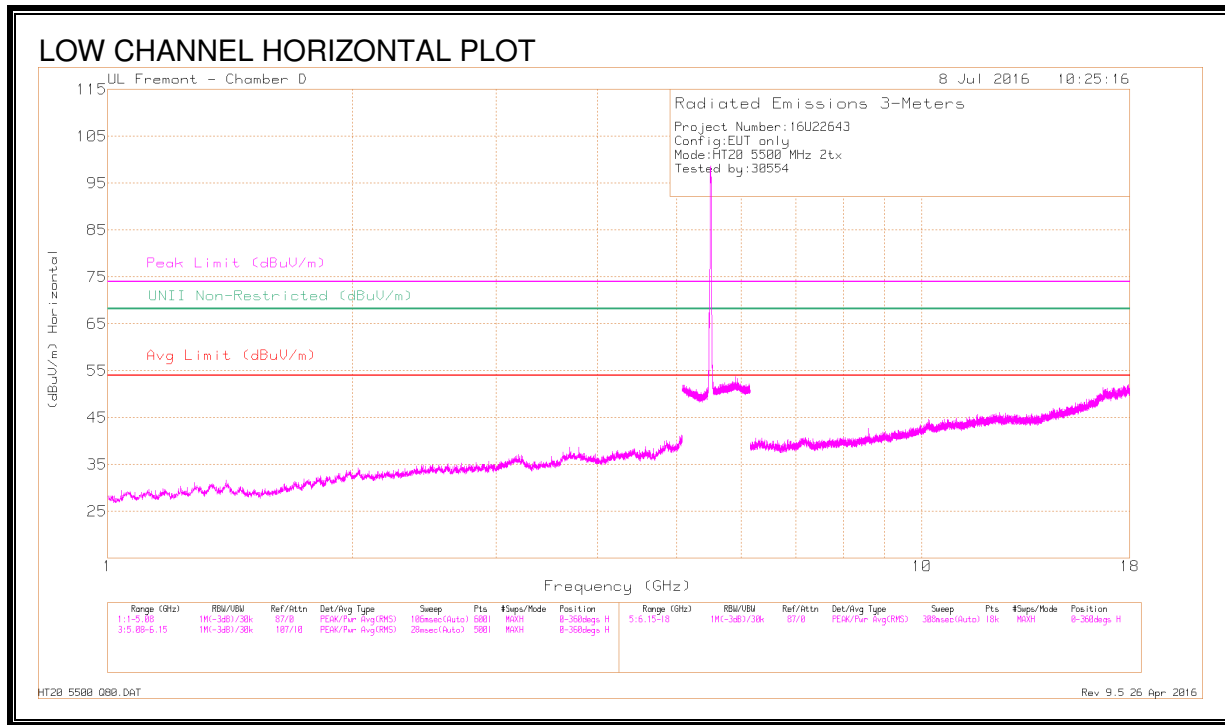
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarit y
1	5.725	40.39	Pk	34.8	-17.3	57.89	68.2	-10.31	191	401	H
2	5.729	42.61	Pk	34.8	-17.3	60.11	68.2	-8.09	191	401	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.06	Pk	34.8	-17.3	62.56	68.2	-5.64	285	235	V
2	5.728	46.35	Pk	34.8	-17.3	63.85	68.2	-4.35	285	235	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

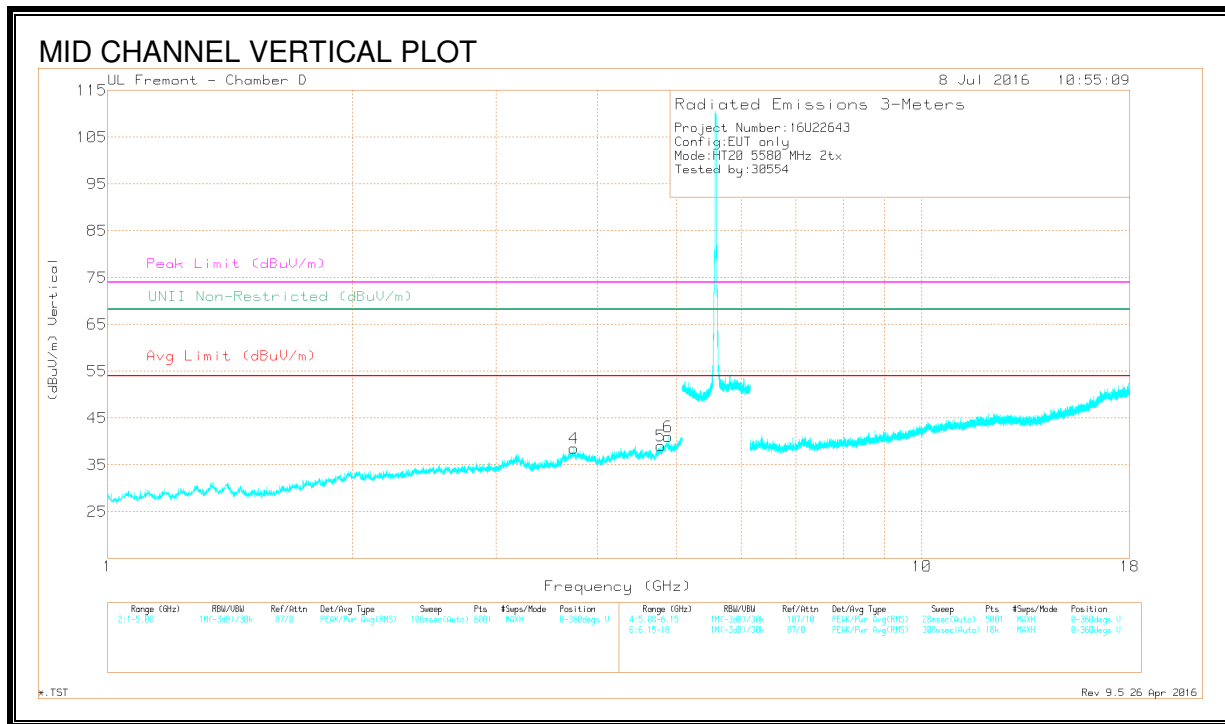
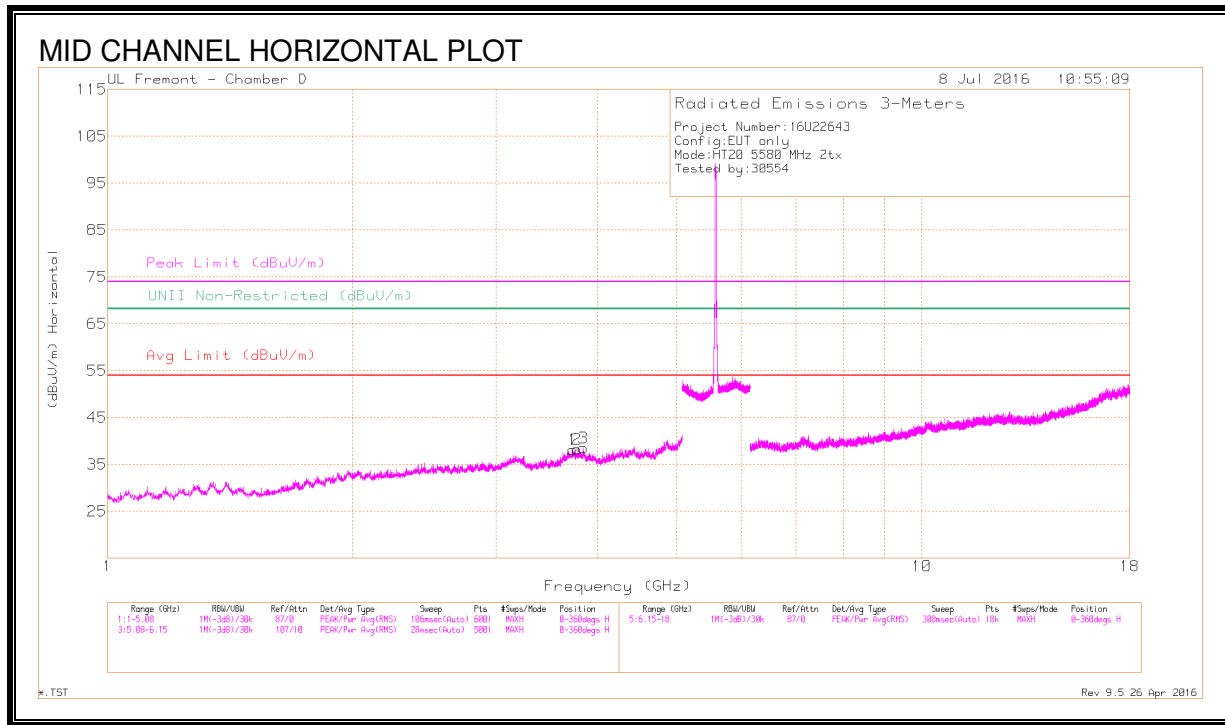
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1	* 4.813	39.8	PK-U	34.1	-27.2	46.7	-	-	74	-27.3	-	-	72	201	V
	* 4.813	31.15	ADR	34.1	-27.2	38.05	54	-15.95	-	-	-	-	72	201	V
2	* 5.041	45.16	PK-U	34	-25.4	53.76	-	-	74	-20.24	-	-	90	241	V
	* 5.042	38.04	ADR	34	-25.4	46.64	54	-7.36	-	-	-	-	90	241	V
4	* 11.007	34.1	PK-U	38	-21	51.1	-	-	74	-22.9	-	-	168	256	V
	* 11.007	23.58	ADR	38	-21	40.58	54	-13.42	-	-	-	-	168	256	V
5	* 11.477	33.77	PK-U	38.4	-21.3	50.87	-	-	74	-23.13	-	-	111	216	V
	* 11.478	23.88	ADR	38.4	-21.3	40.98	54	-13.02	-	-	-	-	111	216	V
6	* 12.247	34.43	PK-U	39	-21.3	52.13	-	-	74	-21.87	-	-	112	281	V
	* 12.248	24.26	ADR	39	-21.3	41.96	54	-12.04	-	-	-	-	112	281	V
3	5.724	43.28	PK-U	34.8	-17.3	60.78	-	-	-	-	68.2	-7.42	96	174	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

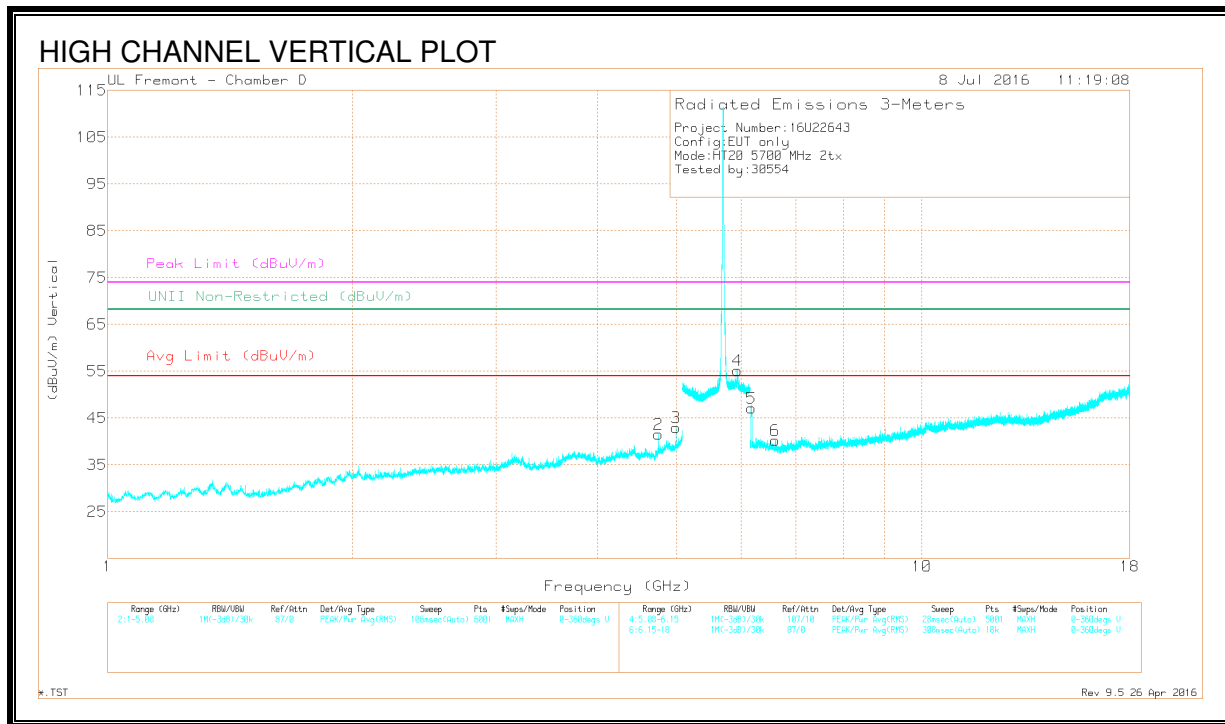
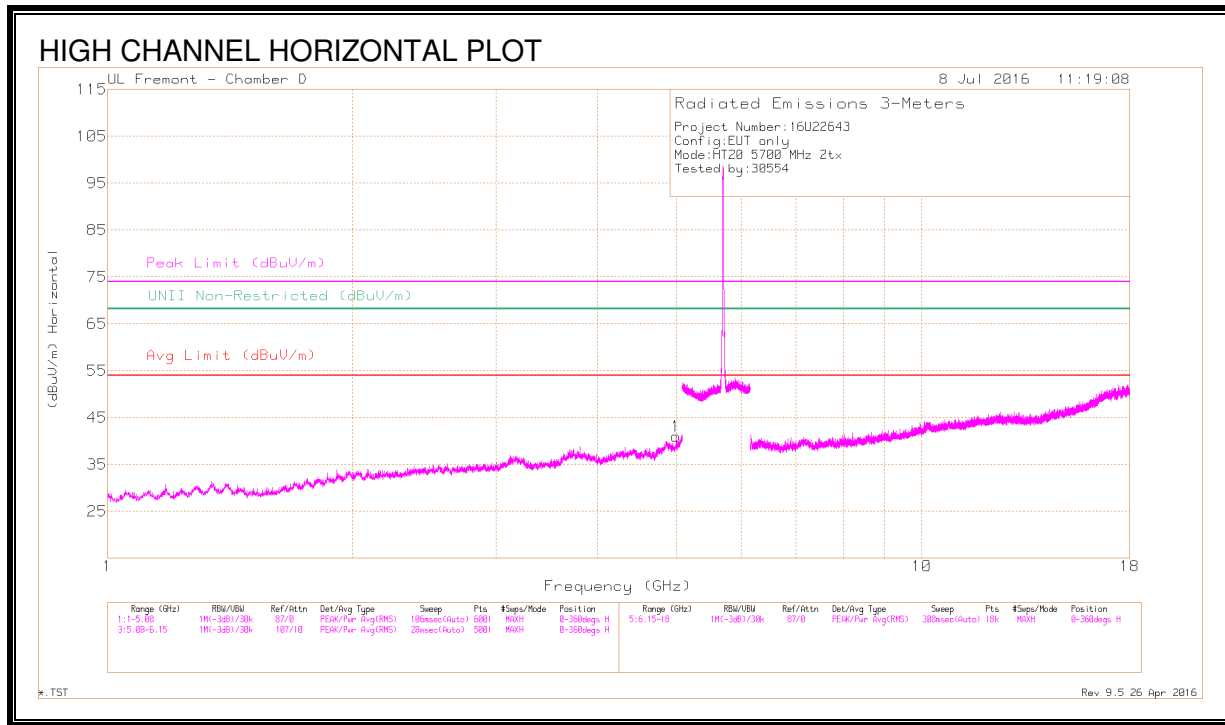
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.725	38.07	PK-U	33.5	-28.9	42.67	-	-	74	-31.33	-	-	261	161	H
	* 3.722	28.14	ADR	33.5	-28.9	32.74	54	-21.26	-	-	-	-	261	161	H
2	* 3.772	38.43	PK-U	33.5	-28.6	43.33	-	-	74	-30.67	-	-	125	174	H
	* 3.773	27.64	ADR	33.5	-28.6	32.54	54	-21.46	-	-	-	-	125	174	H
3	* 3.84	38.66	PK-U	33.5	-28.5	43.66	-	-	74	-30.34	-	-	35	321	H
	* 3.841	28.03	ADR	33.5	-28.6	32.93	54	-21.07	-	-	-	-	35	321	H
4	* 3.736	38.24	PK-U	33.5	-28.8	42.94	-	-	74	-31.06	-	-	67	222	V
	* 3.735	28.14	ADR	33.5	-28.8	32.84	54	-21.16	-	-	-	-	67	222	V
5	* 4.776	38.4	PK-U	34	-27.2	45.2	-	-	74	-28.8	-	-	48	138	V
	* 4.778	27.8	ADR	34	-27.3	34.5	54	-19.5	-	-	-	-	48	138	V
6	* 4.881	36.08	PK-U	34.1	-25.2	44.98	-	-	74	-29.02	-	-	69	165	V
	* 4.883	25.92	ADR	34.1	-25.3	34.72	54	-19.28	-	-	-	-	69	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

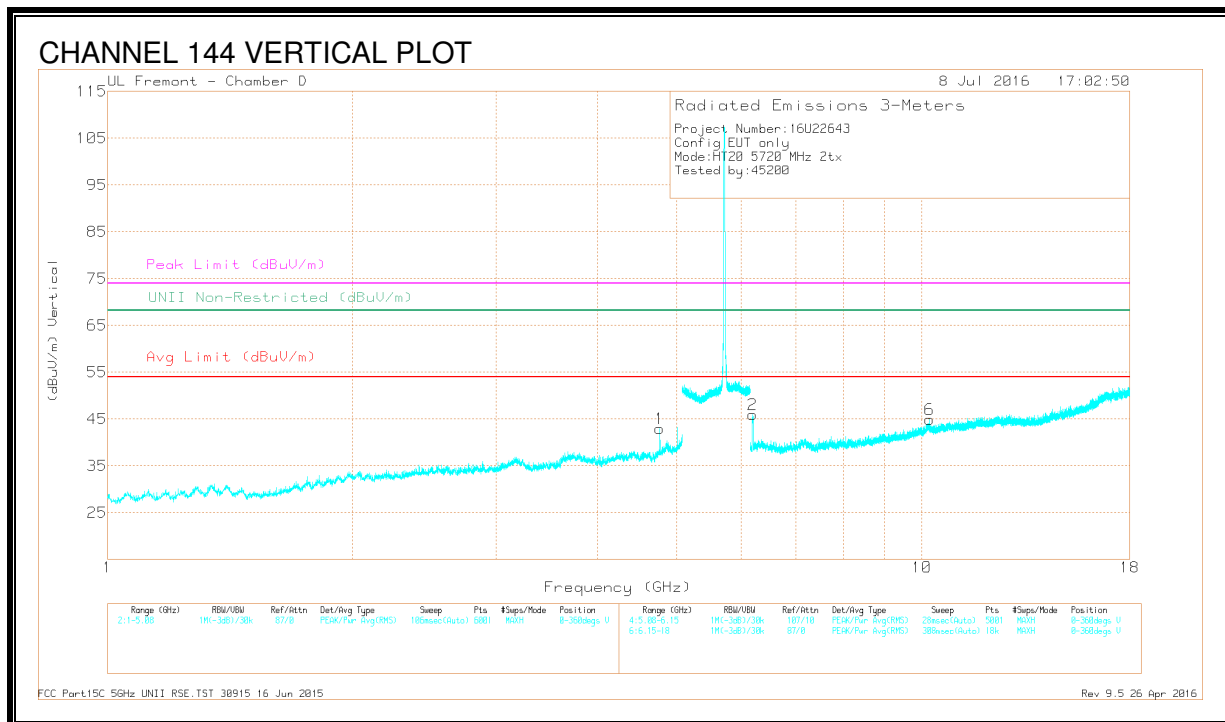
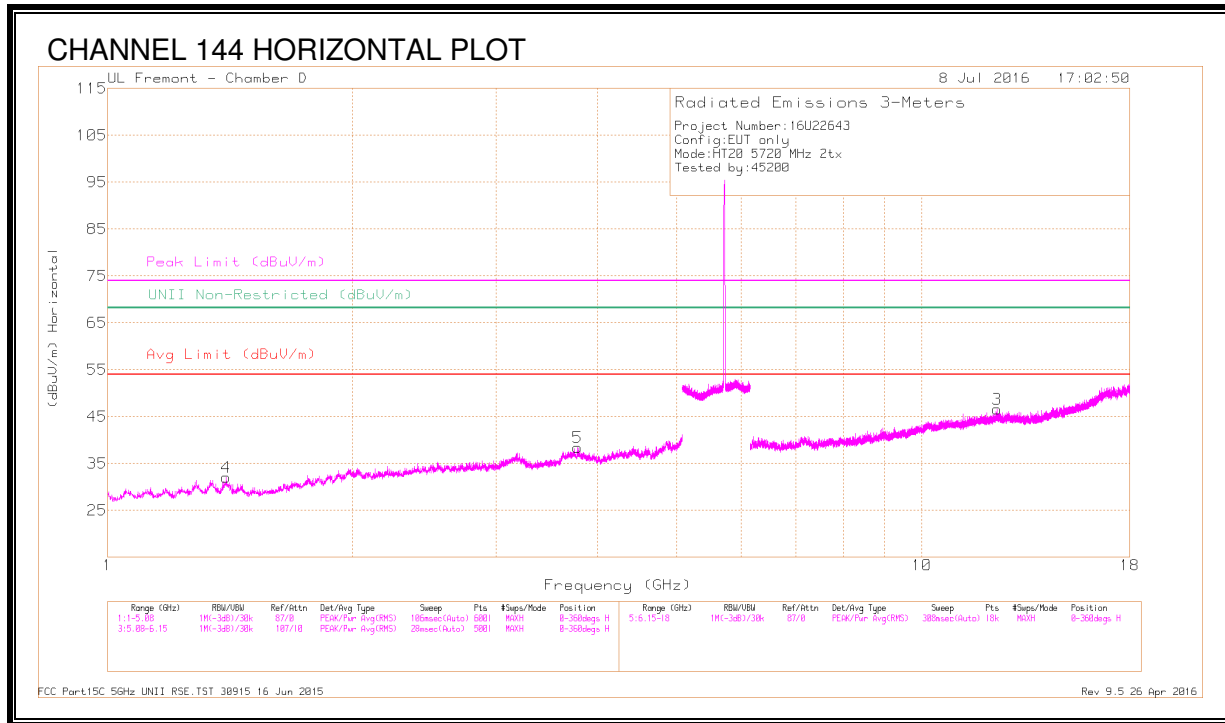


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.987	38.39	PK-U	34	-26.6	45.79	-	-	74	-28.21	-	-	356	168	H
	* 4.988	29.84	ADR	34	-26.6	37.24	54	-16.76	-	-	-	-	356	168	H
2	* 4.75	41.32	PK-U	34	-27.3	48.02	-	-	74	-25.98	-	-	80	317	V
	* 4.75	34.13	ADR	34	-27.3	40.83	54	-13.17	-	-	-	-	80	317	V
3	* 4.987	41.06	PK-U	34	-26.6	48.46	-	-	74	-25.54	-	-	111	216	V
	* 4.987	34.74	ADR	34	-26.6	42.14	54	-11.86	-	-	-	-	111	216	V
4	5.932	44.34	PK-U	35	-17.1	62.24	-	-	-	-	68.2	-5.96	95	201	V
5	6.173	46.12	PK-U	35.5	-26.2	55.42	-	-	-	-	68.2	-12.78	168	211	V
6	6.605	36.7	PK-U	35.6	-25.6	46.7	-	-	-	-	68.2	-21.5	111	216	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

9.29. 802.11ac VHT20 2Tx CDD STRADDLE CHANNEL 144 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)	Polarity
4	* 1.398	40.46	PK-U	29	-31.2	38.26	-	-	74	-35.74	-	-	64	310	H
	* 1.401	30.05	ADR	29	-31.2	27.85	54	-26.15	-	-	-	-	64	310	H
5	* 3.779	38.37	PK-U	33.5	-28.6	43.27	-	-	74	-30.73	-	-	360	319	H
	* 3.78	27.28	ADR	33.5	-28.5	32.28	54	-21.72	-	-	-	-	360	319	H
1	* 4.767	41.48	PK-U	34	-27.2	48.28	-	-	74	-25.72	-	-	261	295	V
	* 4.767	35	ADR	34	-27.2	41.8	54	-12.2	-	-	-	-	261	295	V
3	* 12.371	34.01	PK-U	39	-20.8	52.21	-	-	74	-21.79	-	-	119	338	H
	* 12.371	23.82	ADR	39	-20.8	42.02	54	-11.98	-	-	-	-	119	338	H
2	6.203	43.85	PK-U	35.6	-26.2	53.25	-	-	-	-	68.2	-14.95	288	203	V
6	10.219	33.24	PK-U	37.5	-20.7	50.04	-	-	-	-	68.2	-18.16	6	269	V

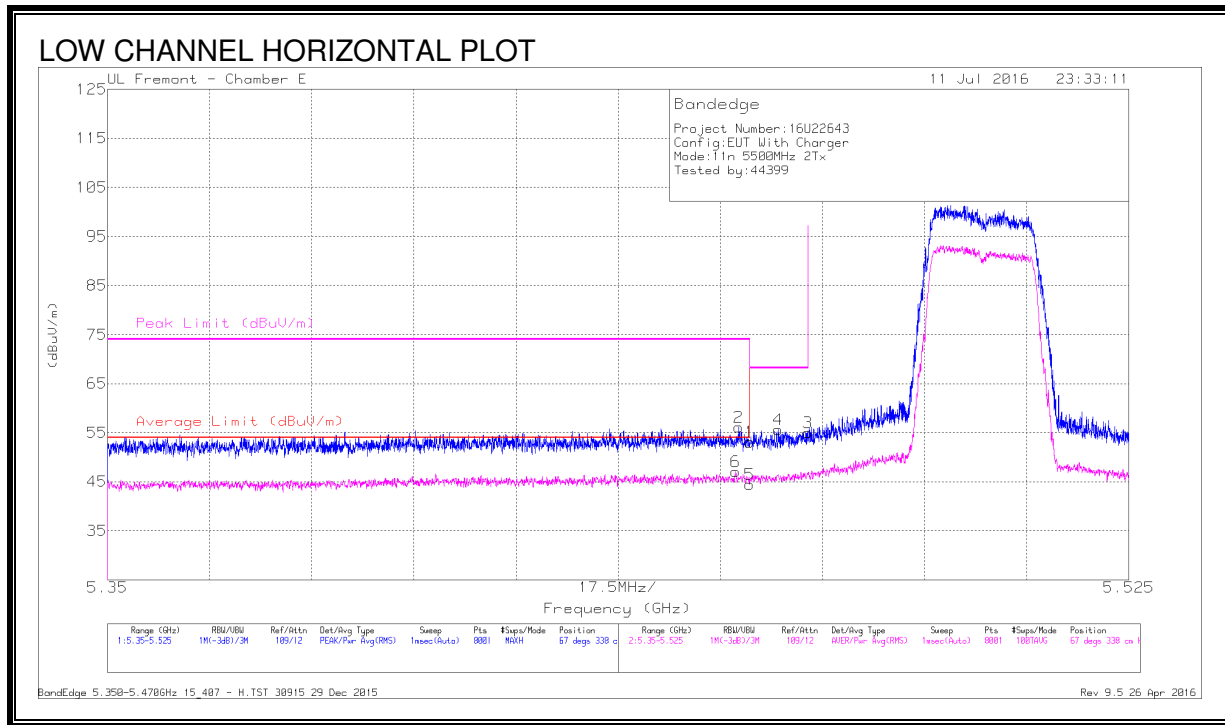
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

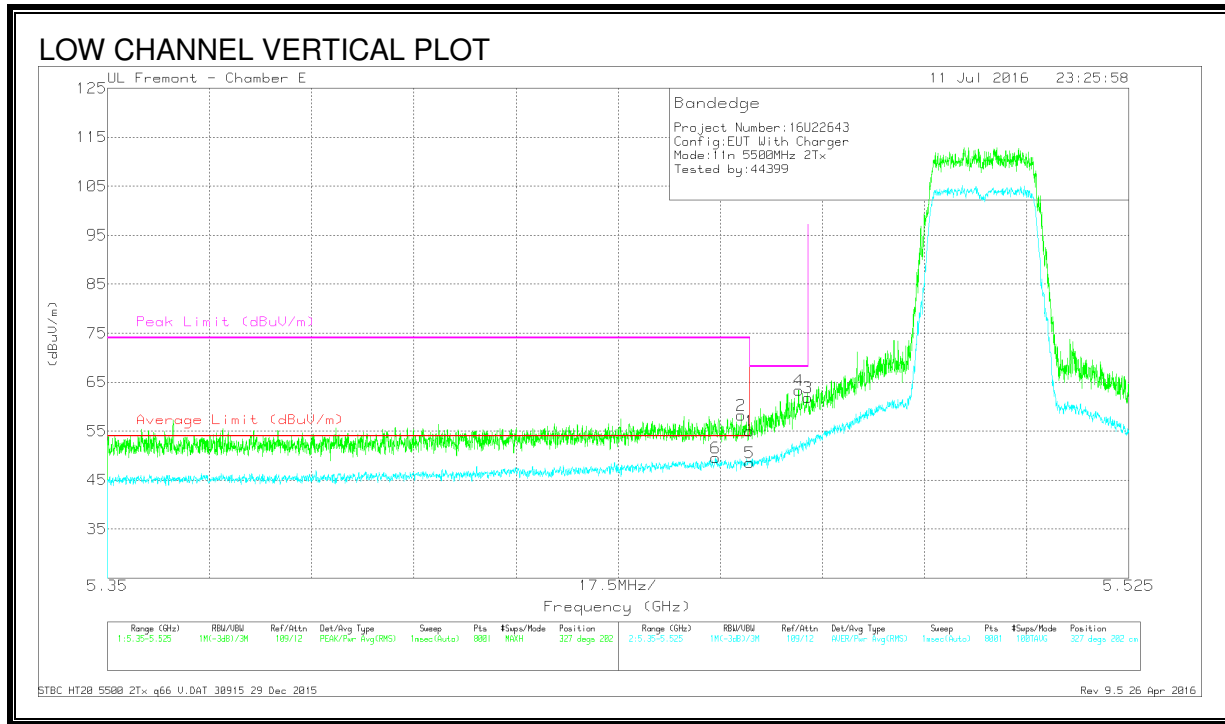
9.30. 802.11n HT20 2Tx STBC MODE IN THE 5.6 GHz BAND

9.30.1. RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

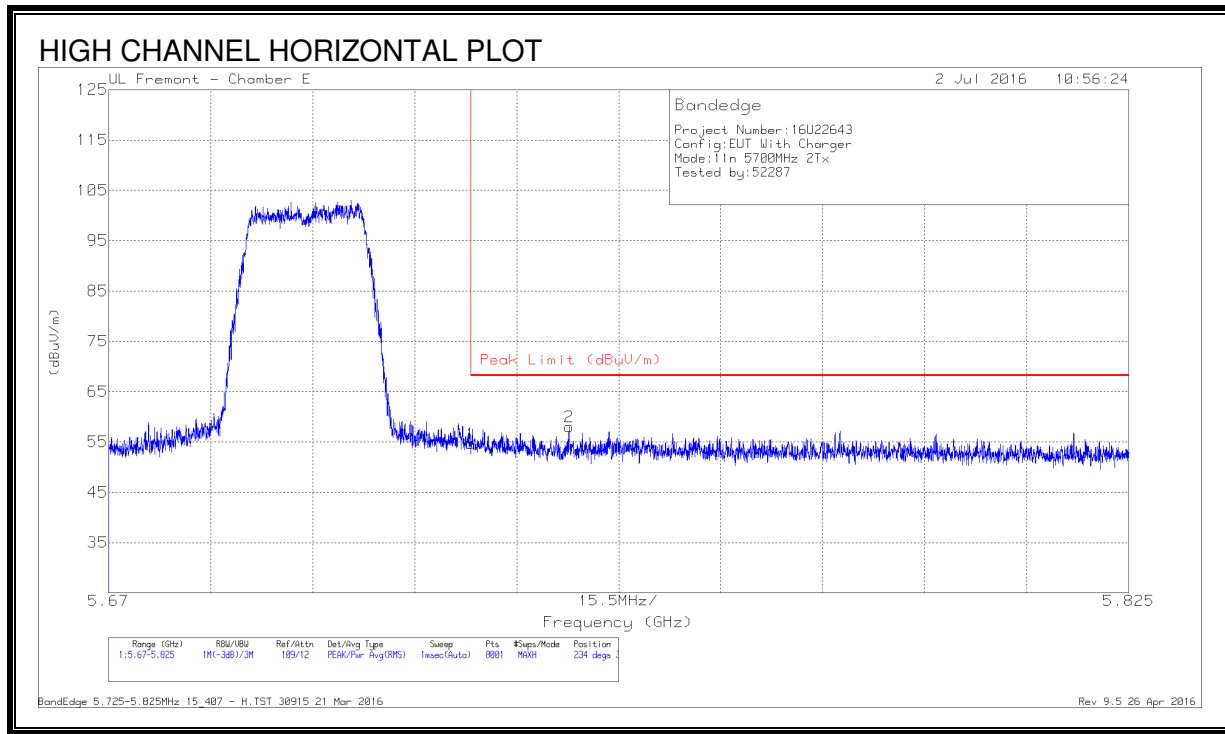
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Flt r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
2	* 5.458	41.41	Pk	34.4	-19.7	56.11	-	-	74	-17.89	67	338	H
6	* 5.458	32.33	RMS	34.4	-19.7	47.03	54	-6.97	-	-	67	338	H
1	* 5.46	38.39	Pk	34.4	-19.7	53.09	-	-	74	-20.91	67	338	H
5	* 5.46	29.75	RMS	34.4	-19.7	44.45	54	-9.55	-	-	67	338	H
4	5.465	41.02	Pk	34.4	-19.8	55.62	-	-	68.2	-12.58	67	338	H
3	5.47	40.36	Pk	34.4	-19.7	55.06	-	-	68.2	-13.14	67	338	H



DATA

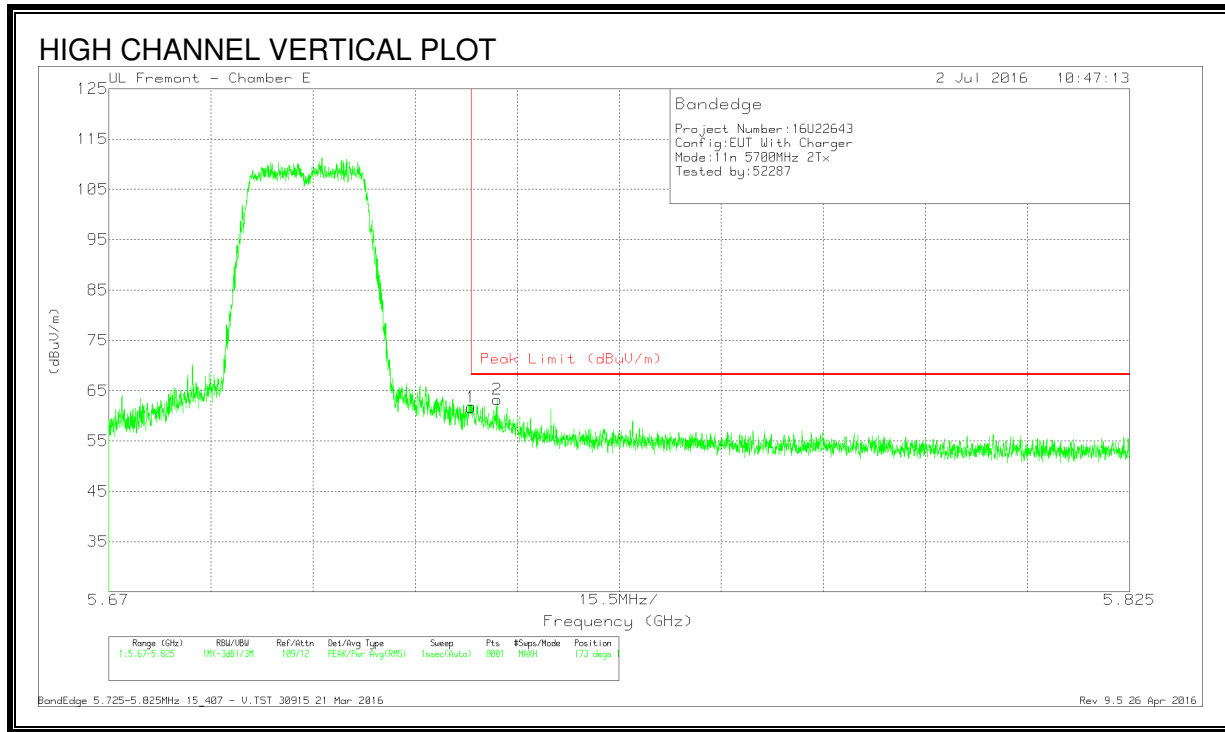
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.454	34.88	RMS	34.4	-19.7	49.58	54	-4.42	-	-	327	202	V
2	* 5.459	43.59	Pk	34.4	-19.7	58.29	-	-	74	-15.71	327	202	V
1	* 5.46	40.32	Pk	34.4	-19.7	55.02	-	-	74	-18.98	327	202	V
5	* 5.46	33.83	RMS	34.4	-19.7	48.53	54	-5.47	-	-	327	202	V
4	5.468	48.64	Pk	34.4	-19.7	63.34	-	-	68.2	-4.86	327	202	V
3	5.47	47.15	Pk	34.4	-19.7	61.85	-	-	68.2	-6.35	327	202	V

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

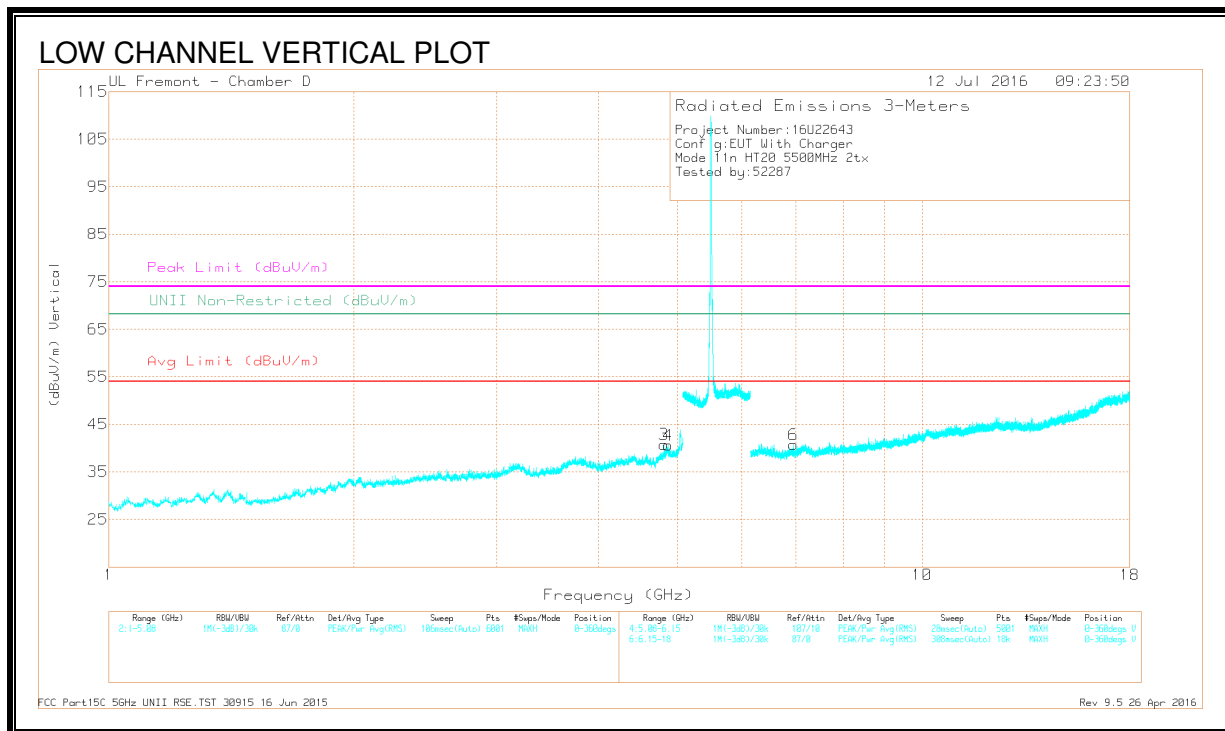
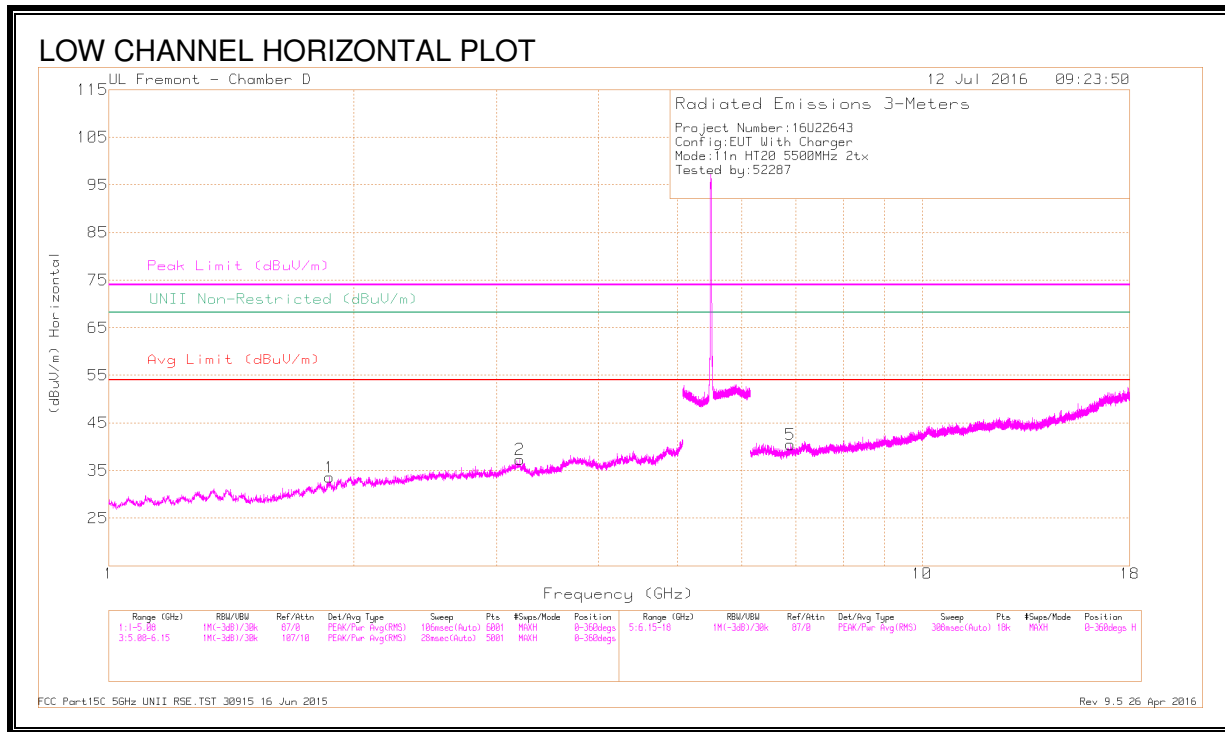
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.52	Pk	34.9	-19.8	54.62	68.2	-13.58	234	370	H
2	5.74	43.03	Pk	34.9	-19.9	58.03	68.2	-10.17	234	370	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Plat (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.62	Pk	34.9	-19.8	61.72	68.2	-6.48	173	197	V
2	5.729	48.28	Pk	34.9	-19.9	63.28	68.2	-4.92	173	197	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS

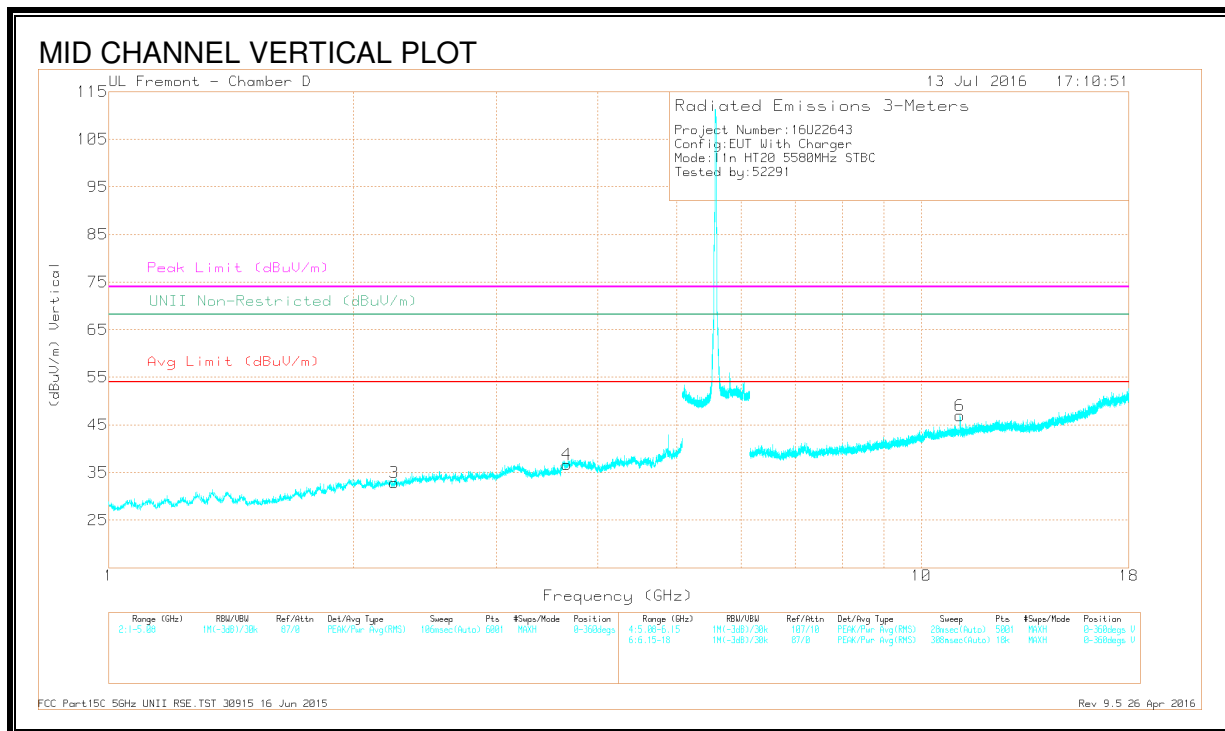
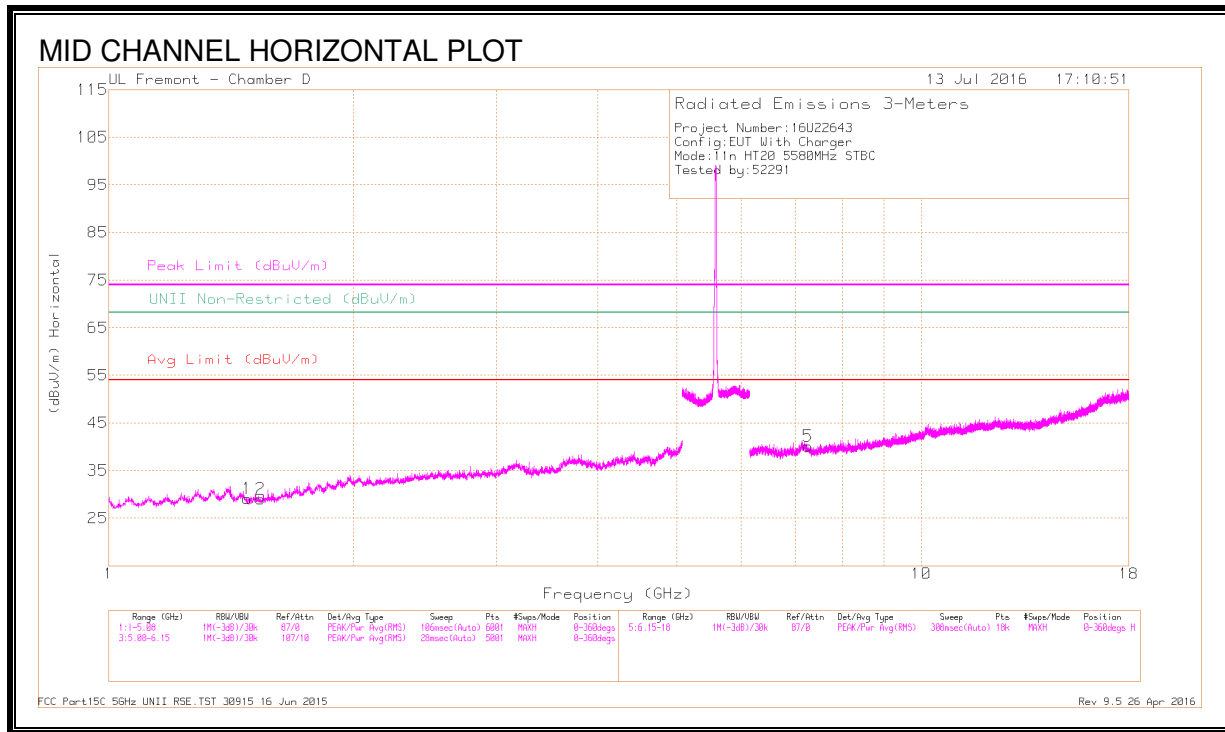


DATA

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 (Degs)	Height (cm)	Polarity
	* 4.813	38.92	PK-U	34.1	-27.2	45.82	-	-	74	-28.18	-	-	255	228	V
3	* 4.812	30.31	ADR	34.1	-27.2	37.21	54	-16.79	-	-	-	-	255	228	V
4	* 4.873	35.61	PK-U	34.1	-25.2	44.51	-	-	74	-29.49	-	-	202	296	V
	* 4.873	25.71	ADR	34.1	-25.2	34.61	54	-19.39	-	-	-	-	202	296	V
1	1.868	40.47	PK-U	30.6	-31.2	39.87	-	-	-	-	68.2	-28.33	35	152	H
2	3.202	39.24	PK-U	34	-29.1	44.14	-	-	-	-	68.2	-24.06	295	383	H
5	6.889	35.47	PK-U	35.7	-25.3	45.87	-	-	-	-	68.2	-22.33	221	148	H
6	6.946	35.82	PK-U	35.7	-25.3	46.22	-	-	-	-	68.2	-21.98	138	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

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

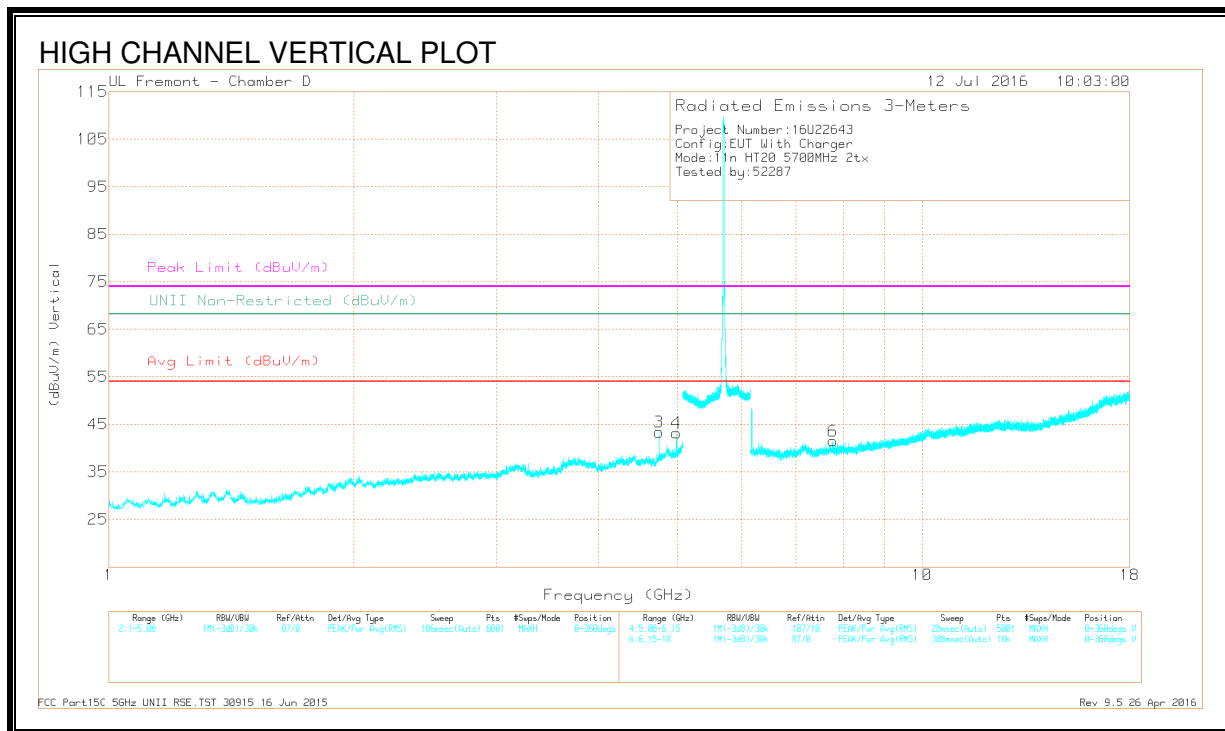
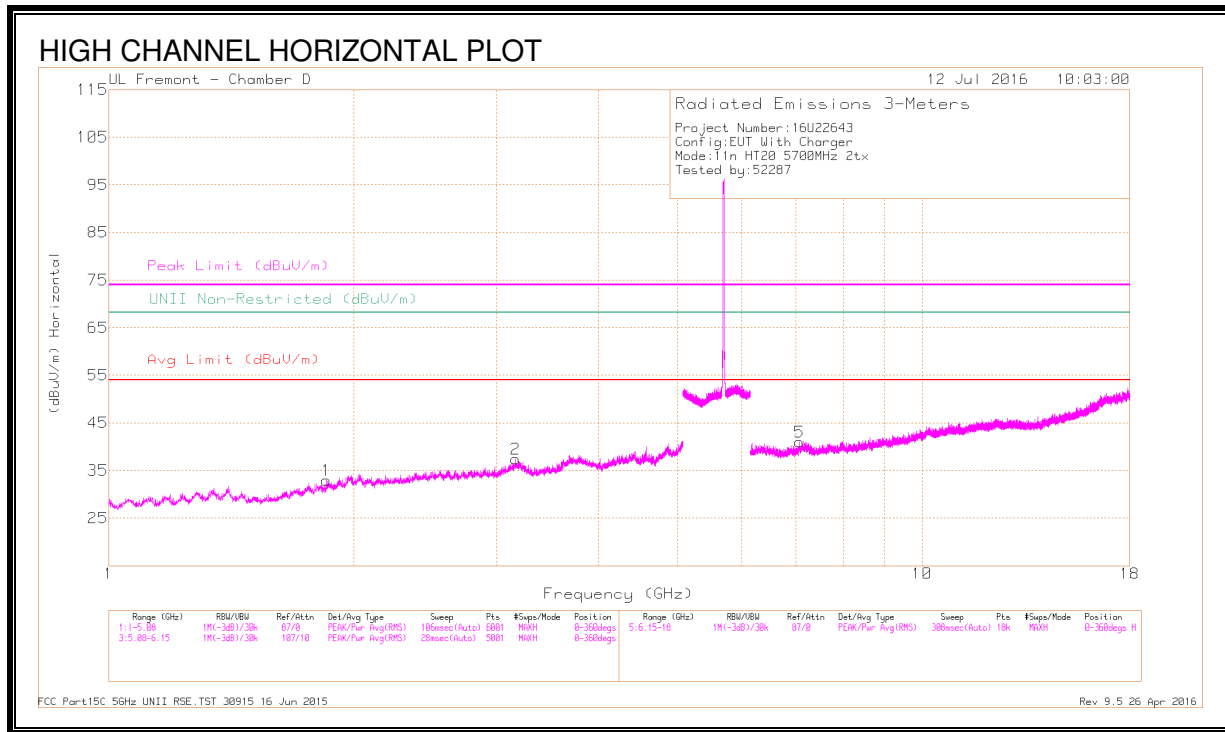


DATA

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)	Polarity
1	* 1.48	39.83	PK-U	28.1	-31.5	36.43	-	-	74	-37.57	-	-	79	355	H
	* 1.479	28.65	ADR	28.1	-31.5	25.25	54	-28.75	-	-	-	-	79	355	H
2	* 1.539	40.2	PK-U	27.9	-31.7	36.4	-	-	74	-37.6	-	-	43	290	H
	* 1.536	29.81	ADR	27.9	-31.7	26.01	54	-27.99	-	-	-	-	43	290	H
6	* 2.245	40.09	PK-U	31.5	-30.7	40.89	-	-	74	-33.11	-	-	72	269	V
	* 2.244	28.89	ADR	31.5	-30.7	29.69	54	-24.31	-	-	-	-	72	269	V
3	* 3.661	38.31	PK-U	33.4	-28.9	42.81	-	-	74	-31.19	-	-	84	233	V
	* 3.66	27.7	ADR	33.4	-28.9	32.2	54	-21.8	-	-	-	-	84	233	V
4	* 7.254	36.14	PK-U	35.7	-24.1	47.74	-	-	74	-26.26	-	-	179	187	H
	* 7.255	25.35	ADR	35.7	-24.1	36.95	54	-17.05	-	-	-	-	179	187	H
5	* 11.155	38.79	PK-U	38.1	-21.3	55.59	-	-	74	-18.41	-	-	27	102	V
	* 11.156	26.77	ADR	38.1	-21.3	43.57	54	-10.43	-	-	-	-	27	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

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

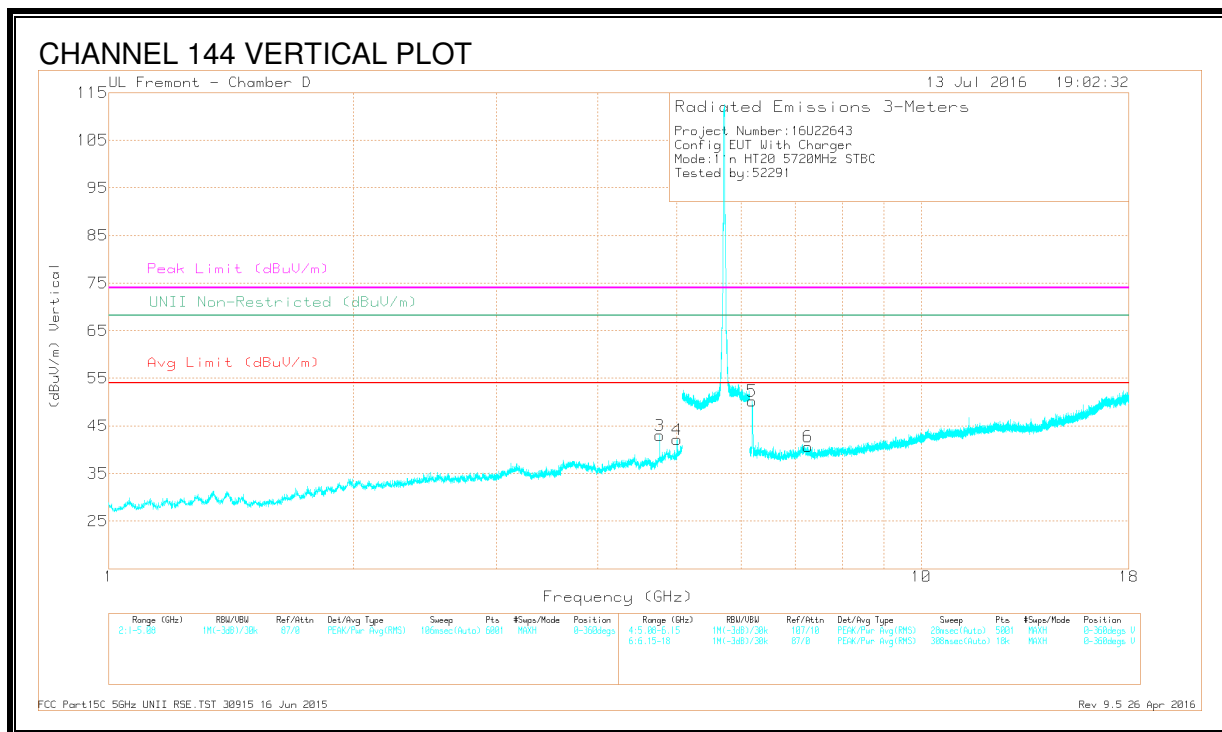
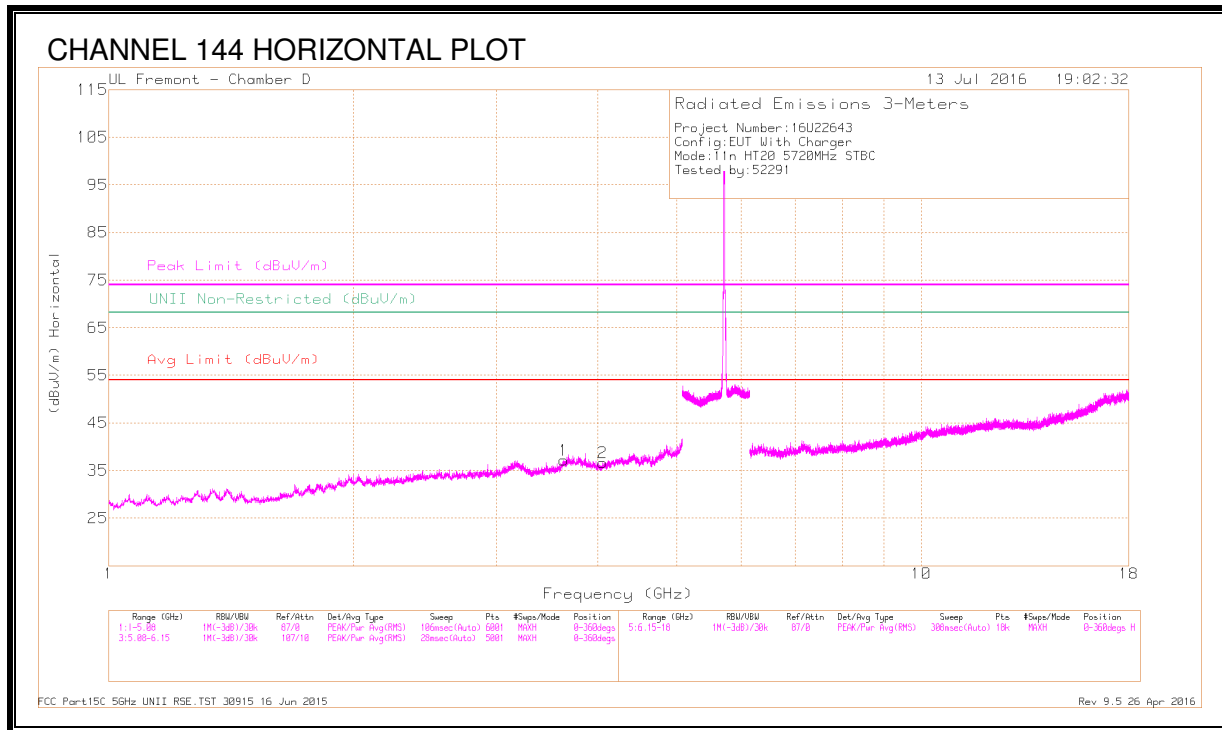


DATA

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 (Degs)	Height (cm)	Polarity
3	* 4.75	41.06	PK-U	34	-27.3	47.76	-	-	74	-26.24	-	-	259	224	V
	* 4.75	33.83	ADR	34	-27.3	40.53	54	-13.47	-	-	-	-	259	224	V
4	* 4.988	40.73	PK-U	34	-26.6	48.13	-	-	74	-25.87	-	-	253	217	V
	* 4.988	32.52	ADR	34	-26.6	39.92	54	-14.08	-	-	-	-	253	217	V
1	1.853	40.79	PK-U	30.5	-31.2	40.09	-	-	-	-	68.2	-28.11	113	313	H
2	3.163	38.48	PK-U	33.7	-28.7	43.48	-	-	-	-	68.2	-24.72	248	245	H
5	7.064	36.39	PK-U	35.7	-25.4	46.69	-	-	-	-	68.2	-21.51	199	390	H
6	7.764	35.55	PK-U	35.8	-23.9	47.45	-	-	-	-	68.2	-20.75	233	304	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

9.31. 802.11ac VHT20 2Tx STBC STRADDLE CHANNEL 144 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)	Polarity
1	* 3.63	37.95	PK-U	33.4	-28.9	42.45	-	-	74	-31.55	-	-	31	276	H
	* 3.63	27.58	ADR	33.4	-28.9	32.08	54	-21.92	-	-	-	-	31	276	H
2	* 4.057	38.2	PK-U	33.5	-28.6	43.1	-	-	74	-30.9	-	-	135	320	H
	* 4.055	27.77	ADR	33.5	-28.6	32.67	54	-21.33	-	-	-	-	135	320	H
3	* 4.768	38.1	PK-U	34	-27.2	44.9	-	-	74	-29.1	-	-	167	265	V
	* 4.767	27.63	ADR	34	-27.2	34.43	54	-19.57	-	-	-	-	167	265	V
4	* 5.005	38.66	PK-U	34	-26.5	46.16	-	-	74	-27.84	-	-	237	197	V
	* 5.005	29	ADR	34	-26.5	36.5	54	-17.5	-	-	-	-	237	197	V
6	* 7.256	35.9	PK-U	35.7	-24.2	47.4	-	-	74	-26.6	-	-	345	254	V
	* 7.254	24.74	ADR	35.7	-24.1	36.34	54	-17.66	-	-	-	-	345	254	V
5	6.194	37.34	PK-U	35.6	-26.2	46.74	-	-	-	-	68.2	-21.46	185	211	V
	6.194	26.95	ADR	35.6	-26.2	36.35	-	-	-	-	-	-	185	211	V

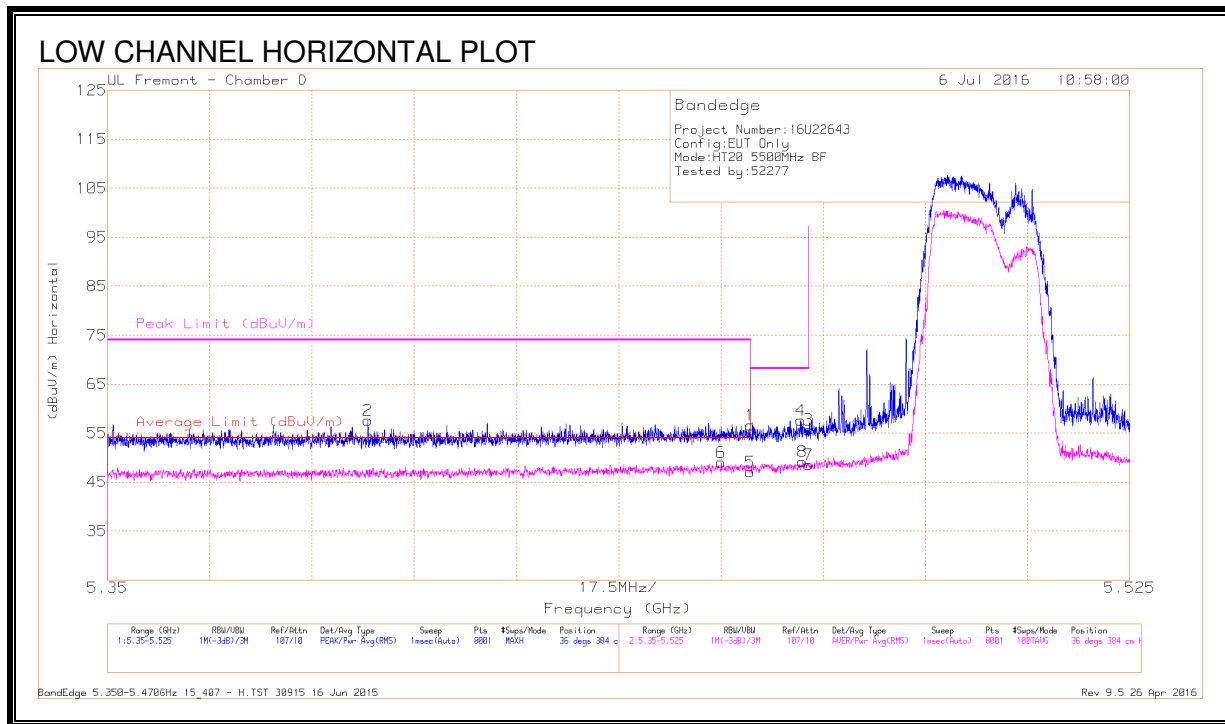
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.32. 802.11ac VHT20 2Tx BEAM FORMING MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



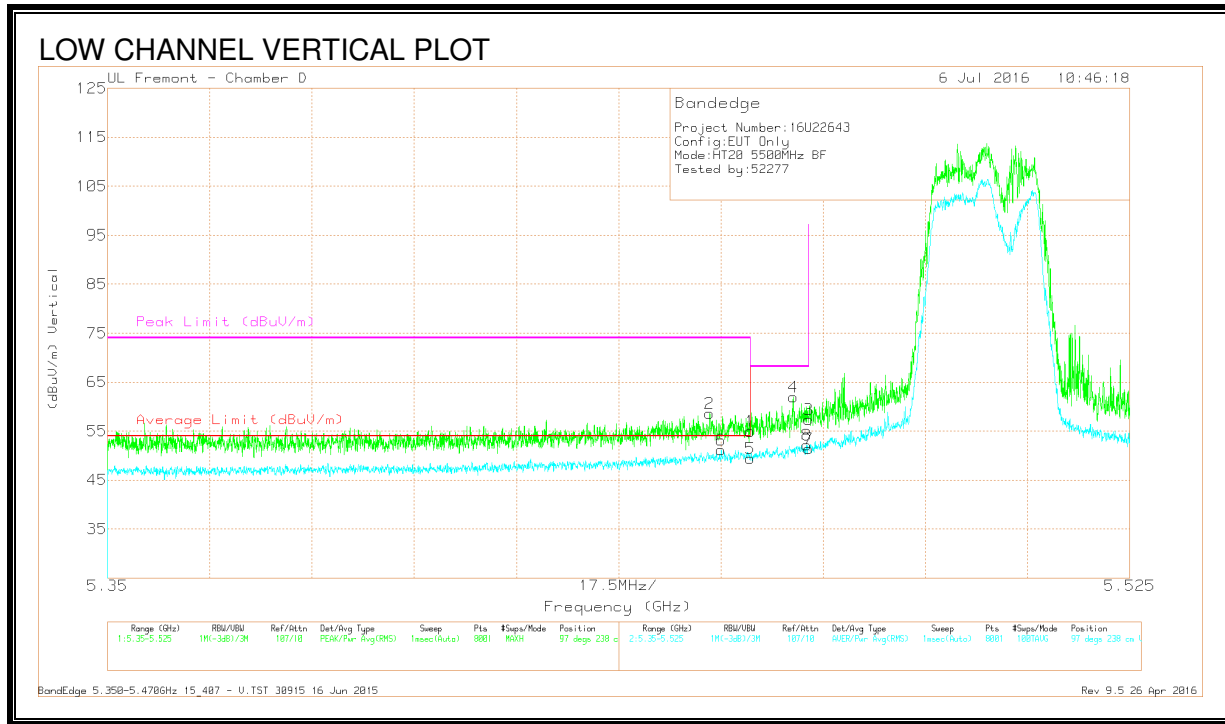
DATA

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	* 5.46	40.04	PK	34.4	-17.8	0	56.64	-	-	74	-17.36	36	384	H
2	* 5.395	41.38	PK	34.4	-18.2	0	57.58	-	-	74	-16.42	36	384	H
5	* 5.46	29.1	RMS	34.4	-17.8	.10	46.83	54	-7.17	-	-	36	384	H
6	* 5.455	31.18	RMS	34.4	-17.9	.10	47.81	54	-5.19	-	-	36	384	H
4	5.469	41.07	PK	34.4	-17.8	0	57.67	-	-	68.2	-10.53	36	384	H
8	5.469	31.28	RMS	34.4	-17.8	.10	49.21	-	-	-	-	36	384	H
3	5.47	39.09	PK	34.4	-17.8	0	55.69	-	-	68.2	-12.51	36	384	H
7	5.47	30.59	RMS	34.4	-17.8	.10	48.52	-	-	-	-	36	384	H

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

Pk - Peak detector

RMS - RMS detection



DATA

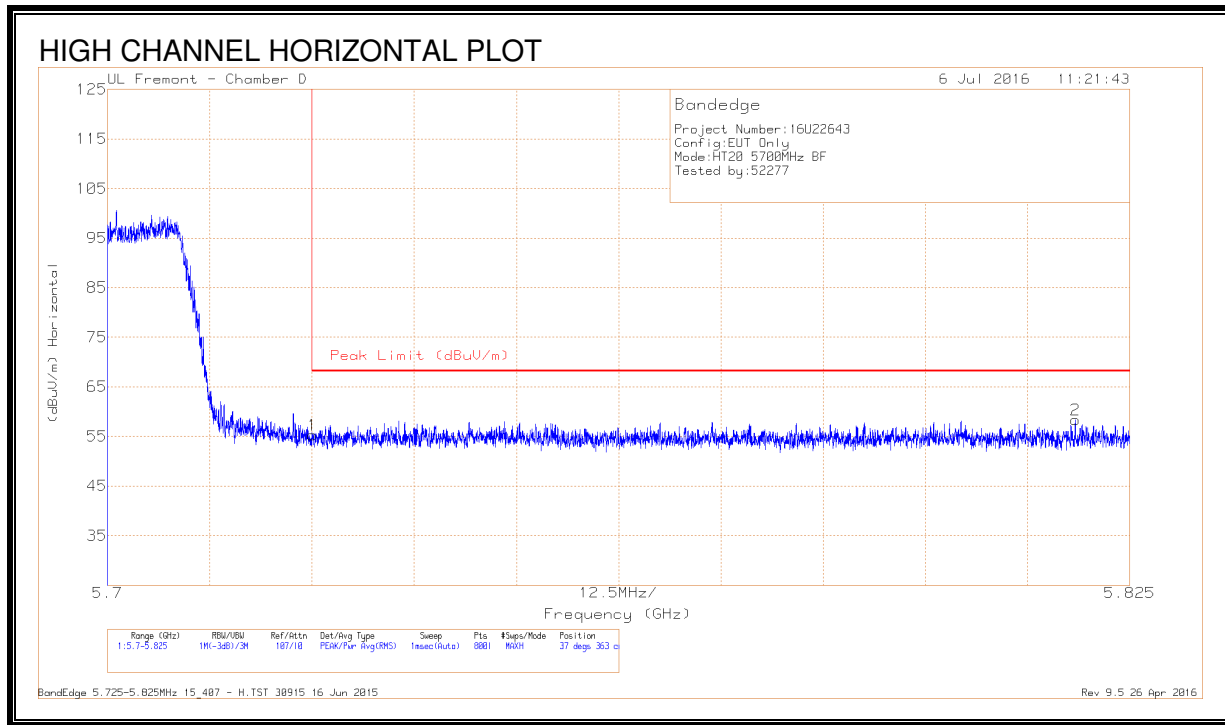
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.35	Pk	34.4	-17.8	0	54.95	-	-	74	-19.05	97	238	V
2	* 5.453	42.06	Pk	34.4	-17.9	0	58.56	-	-	74	-15.44	97	238	V
5	* 5.46	31.46	RMS	34.4	-17.8	.10	48.19	54	-5.21	-	-	97	238	V
6	* 5.455	33.33	RMS	34.4	-17.9	.10	49.86	54	-3.34	-	-	97	238	V
4	5.467	45.33	Pk	34.4	-17.8	0	61.93	-	-	68.2	-6.27	97	238	V
3	5.47	40.77	Pk	34.4	-17.8	0	57.37	-	-	68.2	-10.83	97	238	V
7	5.47	33.44	RMS	34.4	-17.8	.10	51.37	-	-	-	-	97	238	V
8	5.47	34.27	RMS	34.4	-17.8	.10	52.2	-	-	-	-	97	238	V

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

Pk - Peak detector

RMS - RMS detection

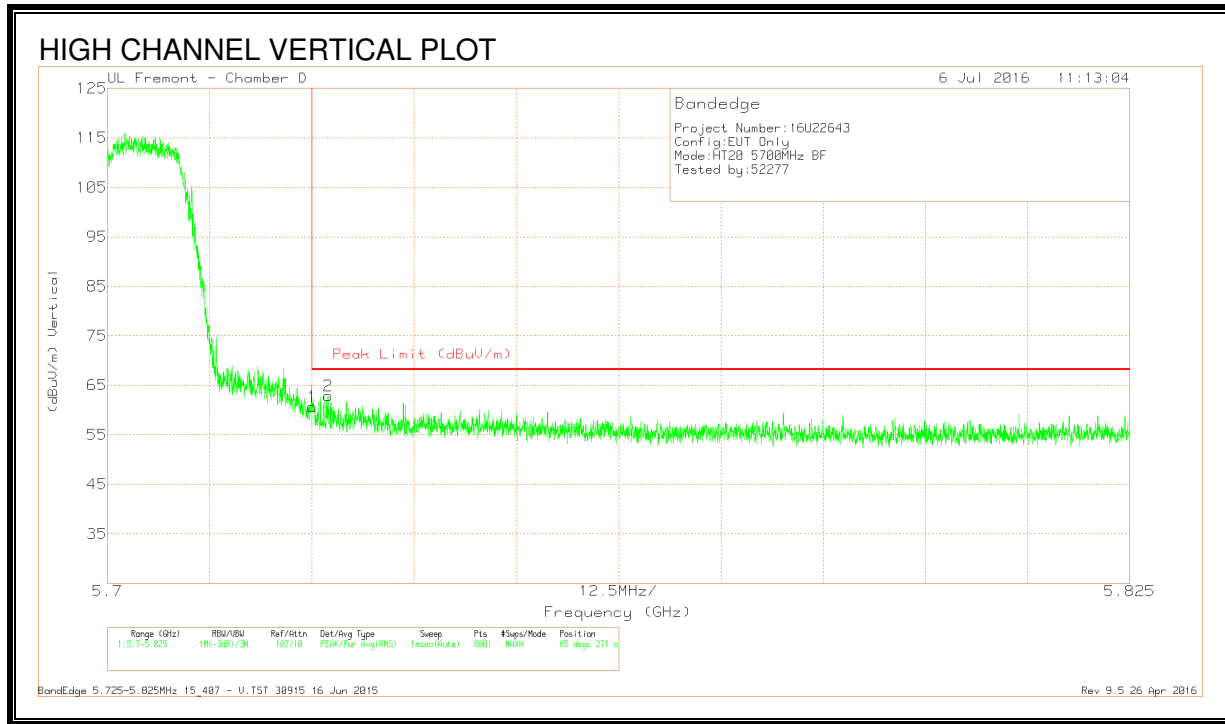
RESTRICTED BANDEDGE (HIGH CHANNEL)



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)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.8	Pk	34.8	-17.3	0	55.3	68.2	-12.9	37	363	H
2	5.818	40.86	Pk	34.8	-17.3	0	58.36	68.2	-9.84	37	363	H

Pk - Peak detector

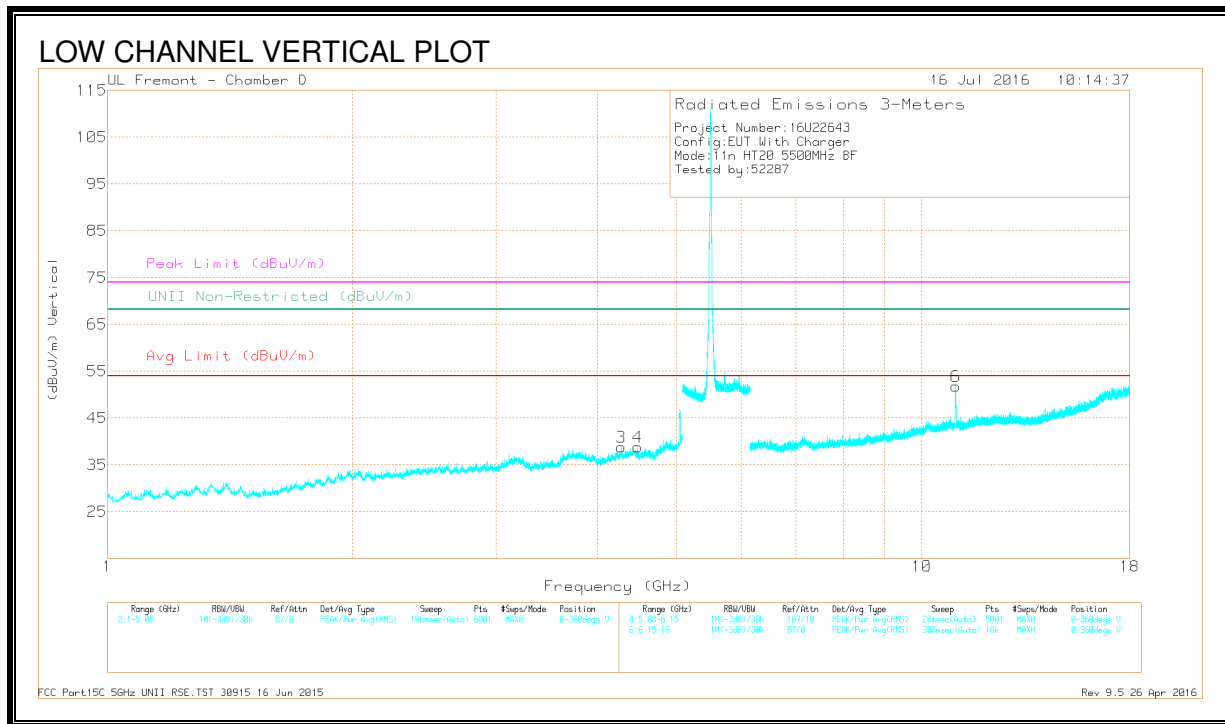
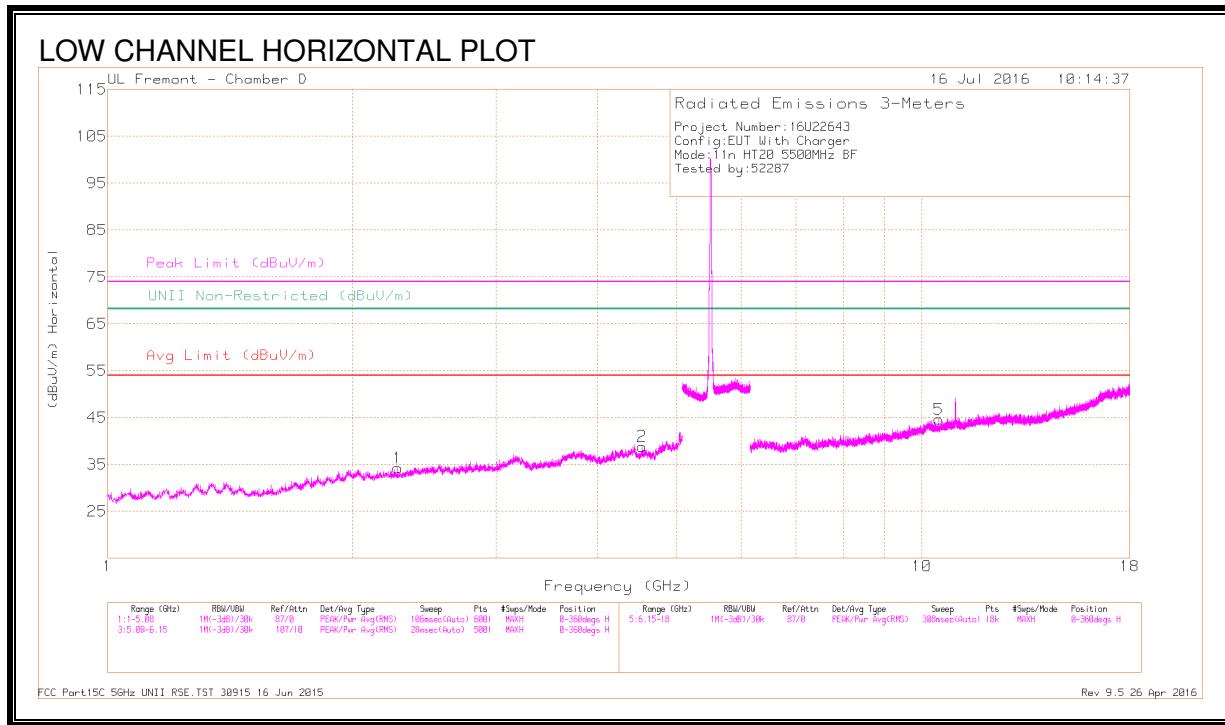


DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.13	Pk	34.8	-17.3	0	60.63	68.2	-7.57	85	271	V
2	5.727	45.44	Pk	34.8	-17.3	0	62.94	68.2	-5.26	85	271	V

Pk - Peak detector

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

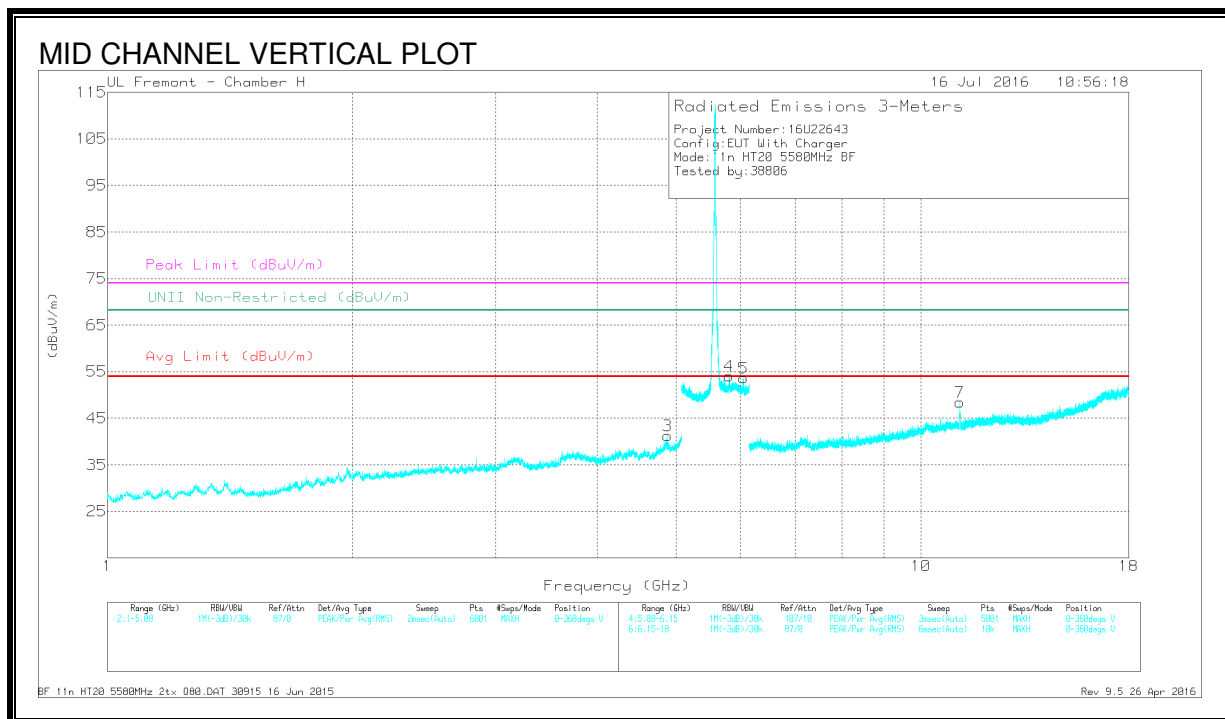
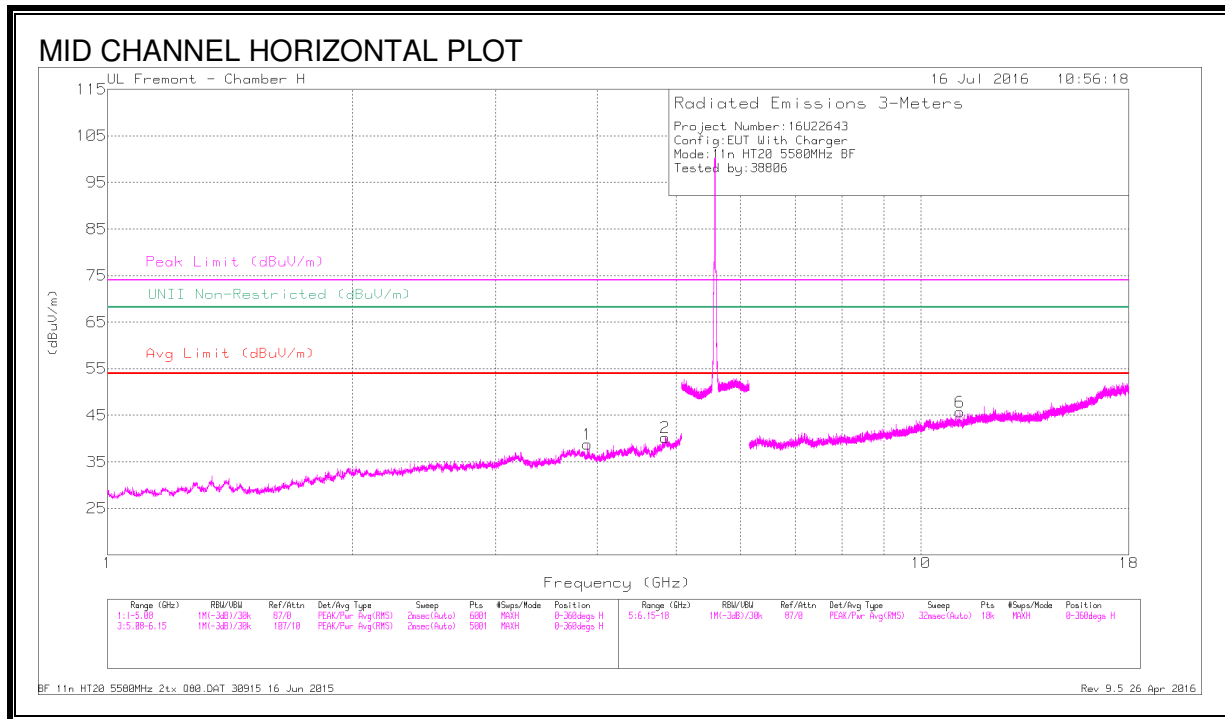
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb l/Fitr/Parad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.274	39.41	PK-U	31.4	-30.5	0	40.31	-	-	74	-33.69	-	-	353	105	H
	* 2.27	28.49	ADR	31.5	-30.6	.1	29.49	54	-24.51	-	-	-	-	353	105	H
	* 4.527	38.05	PK-U	34	-28	0	44.05	-	-	74	-29.95	-	-	13	124	H
2	* 4.529	27.14	ADR	34	-27.9	.1	33.34	54	-20.66	-	-	-	-	13	124	H
	* 4.274	37.85	PK-U	33.5	-27.5	0	43.85	-	-	74	-30.15	-	-	148	265	V
3	* 4.273	26.82	ADR	33.5	-27.5	.1	32.92	54	-21.08	-	-	-	-	148	265	V
6	* 11.002	41.75	PK-U	38	-21.1	0	58.65	-	-	74	-15.35	-	-	206	114	V
	* 11	30.11	ADR	38	-21.2	.1	47.01	54	-6.99	-	-	-	-	206	114	V
4	4.476	38.12	PK-U	33.9	-28.1	0	43.92	-	-	-	-	68.2	-24.28	33	113	V
5	10.492	34	PK-U	37.6	-21.2	0	50.4	-	-	-	-	68.2	-17.8	84	377	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

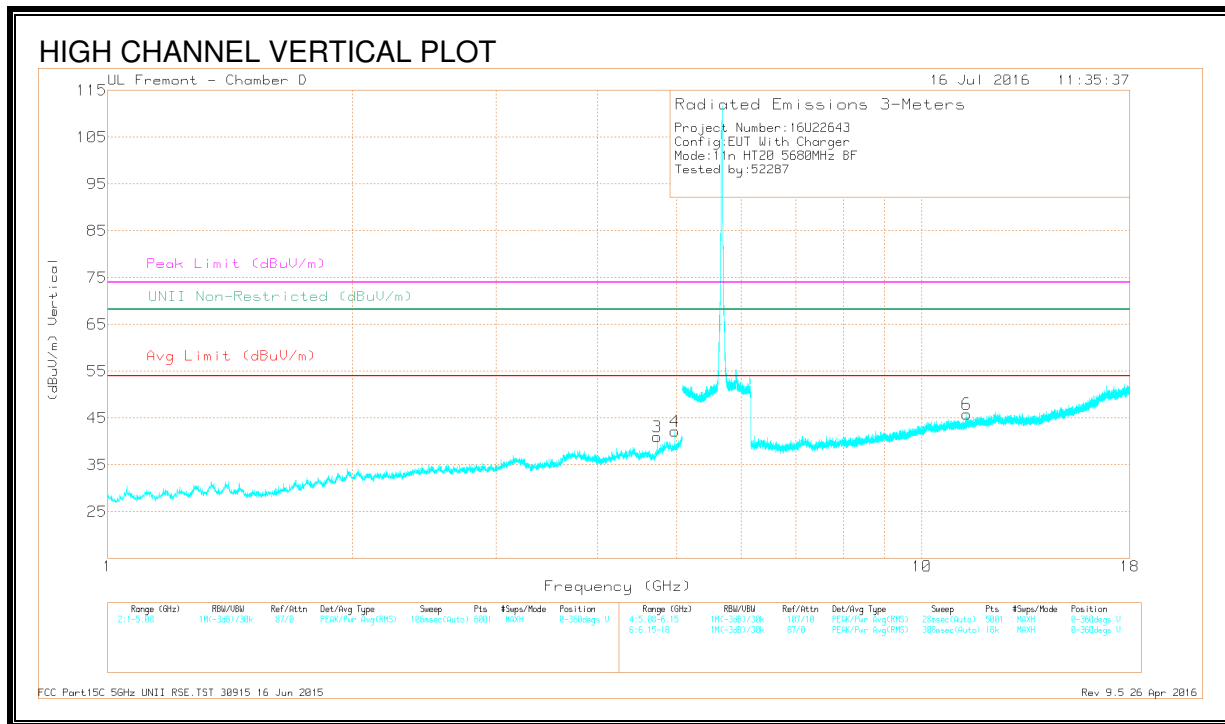
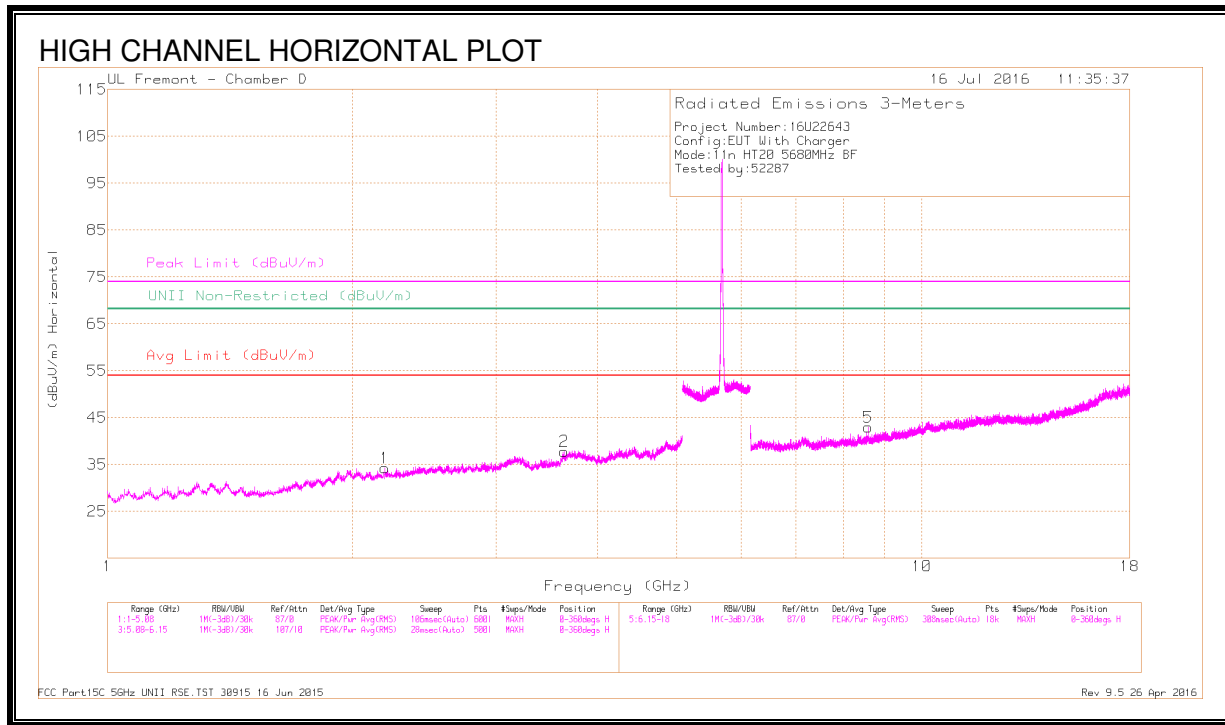
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.892	44	PK-U	33.5	-28.8	0	48.7	-	-	74	-25.3	-	-	156	166	H
	* 3.892	32.97	ADR	33.5	-28.8	.1	37.77	54	-16.23	-	-	-	-	156	166	H
2	* 4.848	43.38	PK-U	34.1	-25.6	0	51.88	-	-	74	-22.12	-	-	290	367	H
	* 4.849	32.33	ADR	34.1	-25.5	.1	41.03	54	-12.97	-	-	-	-	290	367	H
3	* 4.882	45.24	PK-U	34.1	-25.3	0	54.04	-	-	74	-19.96	-	-	241	189	V
	* 4.882	37.23	ADR	34.1	-25.3	.1	46.13	54	-7.87	-	-	-	-	241	189	V
4	5.805	46.03	PK-U	34.8	-17.4	0	63.43	-	-	-	-	68.2	-4.77	234	251	V
5	6.049	46.24	PK-U	35.2	-17.4	0	64.04	-	-	-	-	68.2	-4.16	217	184	V
6	* 11.153	38.8	PK-U	38.1	-21.3	0	55.6	-	-	74	-18.4	-	-	297	116	H
	* 11.157	27.43	ADR	38.1	-21.3	.1	44.33	54	-9.67	-	-	-	-	297	116	H
7	* 11.157	42.08	PK-U	38.1	-21.3	0	58.88	-	-	74	-15.12	-	-	176	100	V
	* 11.158	30.3	ADR	38.1	-21.3	.1	47.2	54	-6.8	-	-	-	-	176	100	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

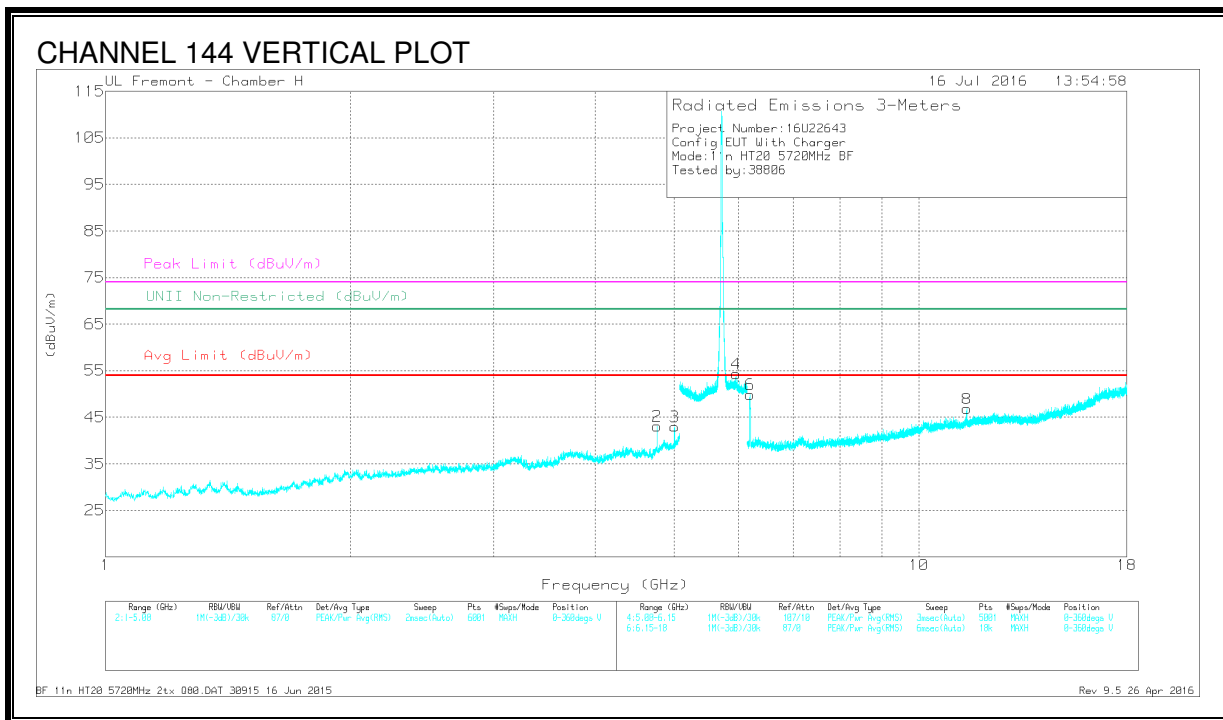
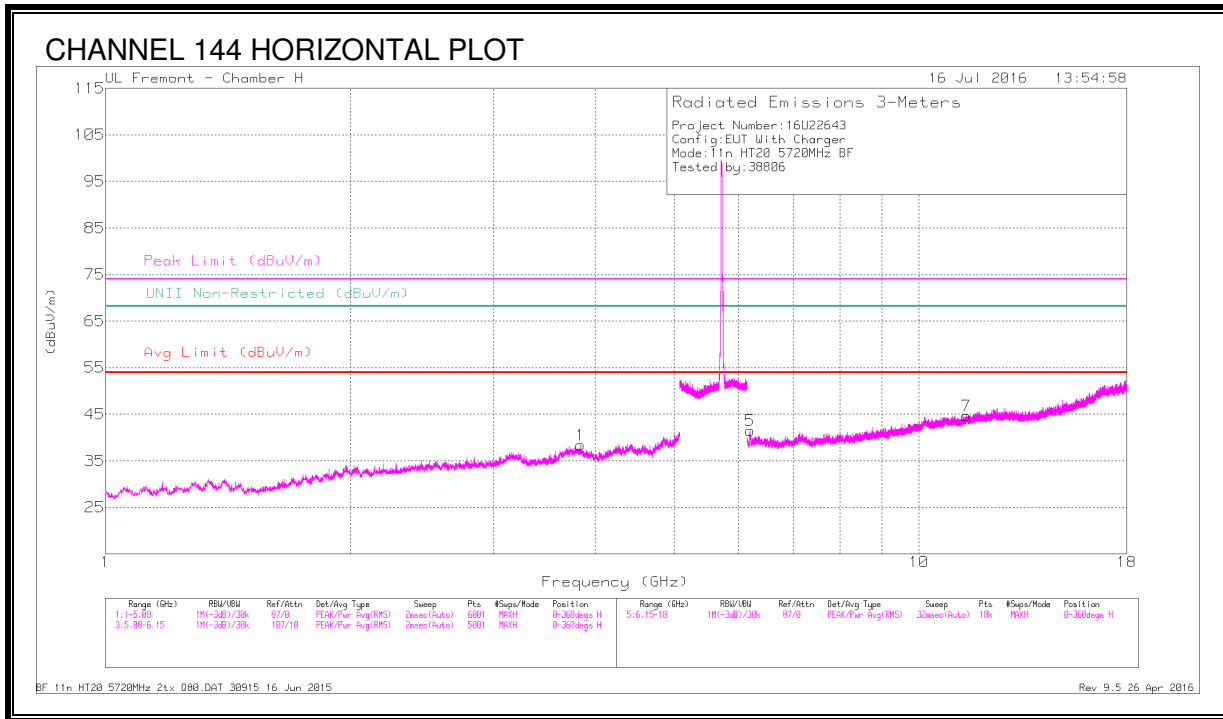
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
	* 3.624	38.48	PK-U	33.4	-28.8	0	43.08	-	-	74	-30.92	-	-	9	236	V
4	* 3.625	27.73	ADR	33.4	-28.8	.1	32.43	54	-21.57	-	-	-	-	9	236	V
	* 7.383	35.17	PK-U	35.6	-25.1	0	45.67	-	-	74	-28.33	-	-	213	152	H
5	* 7.381	24.76	ADR	35.6	-25.1	.1	35.36	54	-18.64	-	-	-	-	213	152	H
6	* 7.704	35.39	PK-U	35.8	-24.2	0	46.99	-	-	74	-27.01	-	-	209	308	V
	* 7.704	24.67	ADR	35.8	-24.2	.1	36.37	54	-17.63	-	-	-	-	209	308	V
1	2.551	39.6	PK-U	32.2	-29.6	0	42.2	-	-	-	-	68.2	-26	249	322	H
2	3.1	38.3	PK-U	33.1	-28.7	0	42.7	-	-	-	-	68.2	-25.5	178	169	H
3	3.39	38.69	PK-U	32.9	-29.3	0	42.29	-	-	-	-	68.2	-25.91	275	204	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

9.33. 802.11ac VHT20 2Tx BEAM FORMING STRADDLE CHANNEL 144 HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cb/ Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.836	43.42	PK-U	33.5	-28.5	0	48.42	-	-	74	-25.58	-	-	165	289	H
	* 3.837	32.97	ADR	33.5	-28.5	.1	38.07	54	-15.93	-	-	-	-	165	289	H
2	* 4.766	41.49	PK-U	34	-27.2	0	48.29	-	-	74	-25.71	-	-	263	229	V
	* 4.767	38.27	ADR	34	-27.2	.1	45.17	54	-8.83	-	-	-	-	206	331	V
3	* 5.005	46.73	PK-U	34	-26.5	0	54.23	-	-	74	-19.77	-	-	226	290	V
	* 5.005	39.82	ADR	34	-26.5	.1	47.42	54	-6.58	-	-	-	-	226	290	V
4	5.961	48.87	PK-U	35	-17.2	0	66.67	-	-	-	-	68.2	-1.53	223	230	V
5	6.198	44.37	PK-U	35.6	-26.2	0	53.77	-	-	-	-	68.2	-14.43	252	104	H
6	6.201	51.41	PK-U	35.6	-26.2	0	60.81	-	-	-	-	68.2	-7.39	234	251	V
7	* 11.438	37.65	PK-U	38.3	-20.9	0	55.05	-	-	74	-18.95	-	-	139	109	H
	* 11.438	27.07	ADR	38.3	-20.9	.1	44.57	54	-9.43	-	-	-	-	139	109	H
8	* 11.443	41.47	PK-U	38.3	-21	0	58.77	-	-	74	-15.23	-	-	191	102	V
	* 11.442	29.48	ADR	38.3	-21	.1	46.88	54	-7.12	-	-	-	-	191	102	V

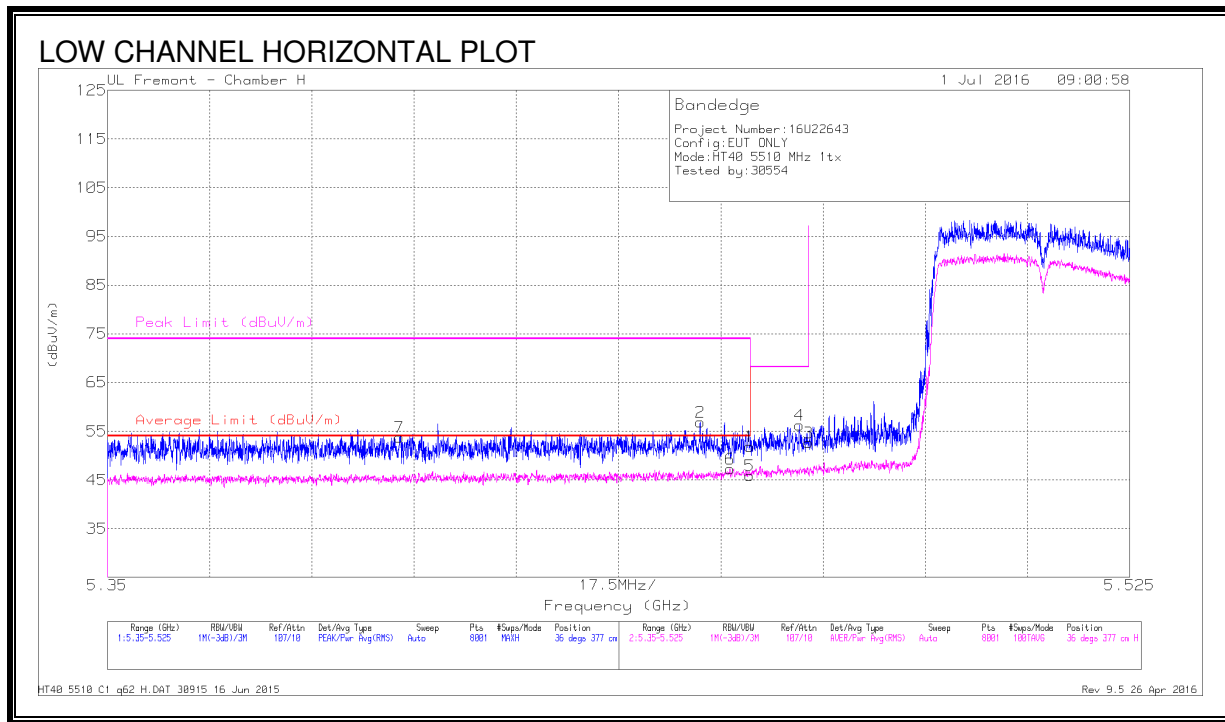
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

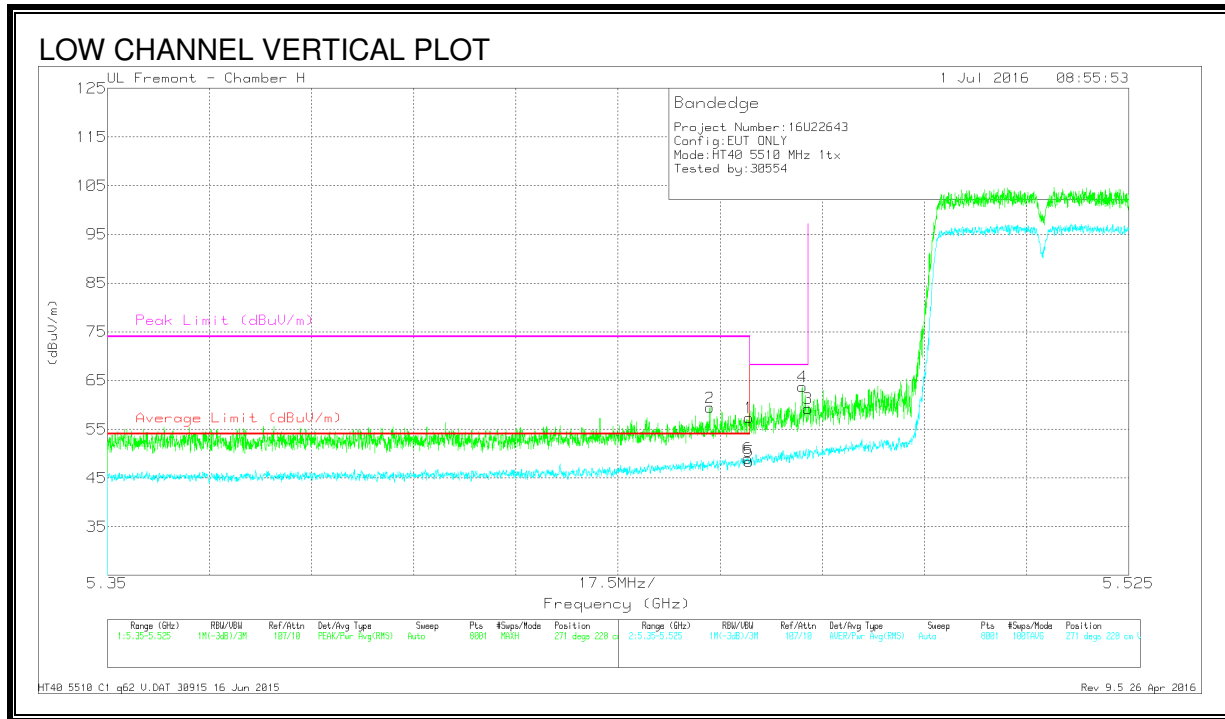
9.34. 802.11n HT40 1Tx MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE, CHAIN 0 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
1	* 5.46	35.33	Pk	34.4	-17.8	51.93	-	-	74	-22.07	36	377	H
2	* 5.451	40.34	Pk	34.4	-17.9	56.84	-	-	74	-17.16	36	377	H
5	* 5.46	29.28	RMS	34.4	-17.8	45.88	54	-8.12	-	-	36	377	H
6	* 5.457	30.83	RMS	34.4	-17.9	47.33	54	-6.67	-	-	36	377	H
4	5.468	39.66	Pk	34.4	-17.8	56.26	-	-	68.2	-11.94	36	377	H
3	5.47	36.01	Pk	34.4	-17.8	52.61	-	-	68.2	-15.59	36	377	H



DATA

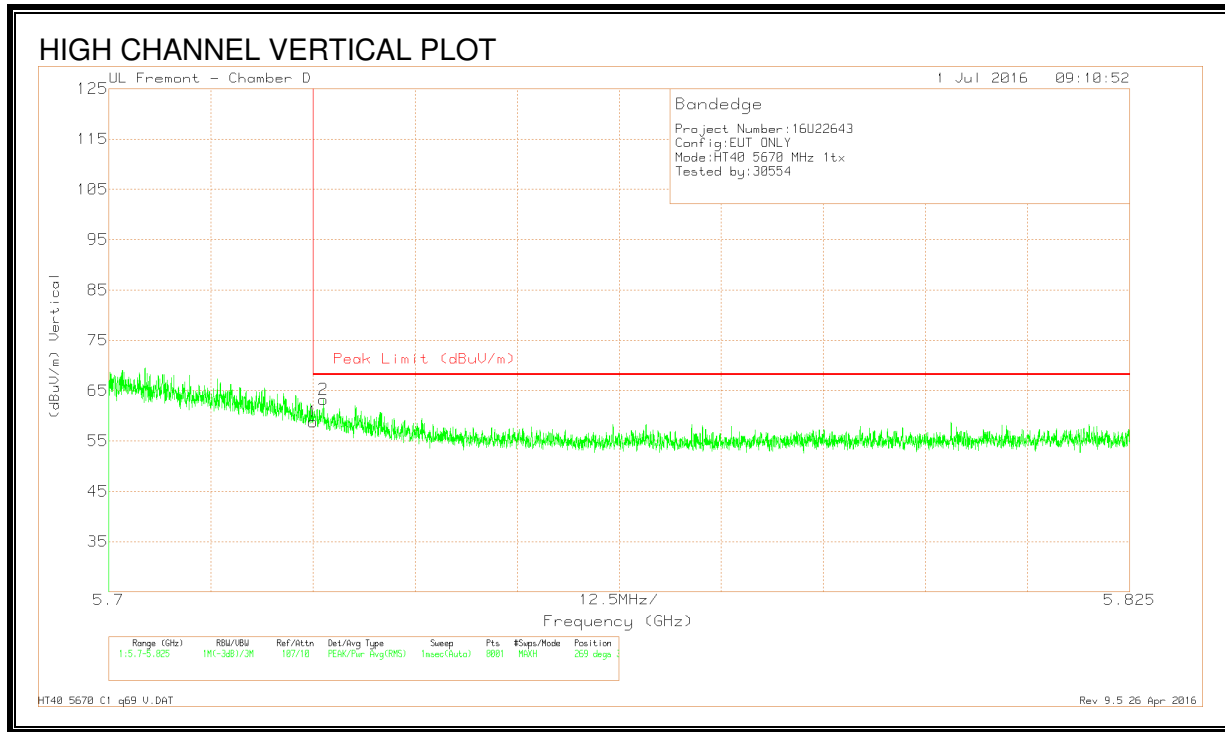
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.78	Pk	34.4	-17.8	57.38	-	-	74	-16.62	271	228	V
2	* 5.453	42.94	Pk	34.4	-17.9	59.44	-	-	74	-14.56	271	228	V
5	* 5.46	31.75	RMS	34.4	-17.8	48.35	54	-5.65	-	-	271	228	V
6	* 5.46	32.47	RMS	34.4	-17.8	49.07	54	-4.93	-	-	271	228	V
4	5.469	47.09	Pk	34.4	-17.8	63.69	-	-	68.2	-4.51	271	228	V
3	5.47	42.71	Pk	34.4	-17.8	59.31	-	-	68.2	-8.89	271	228	V

RESTRICTED BANDEDGE, CHAIN 0 (HIGH CHANNEL)



DATA

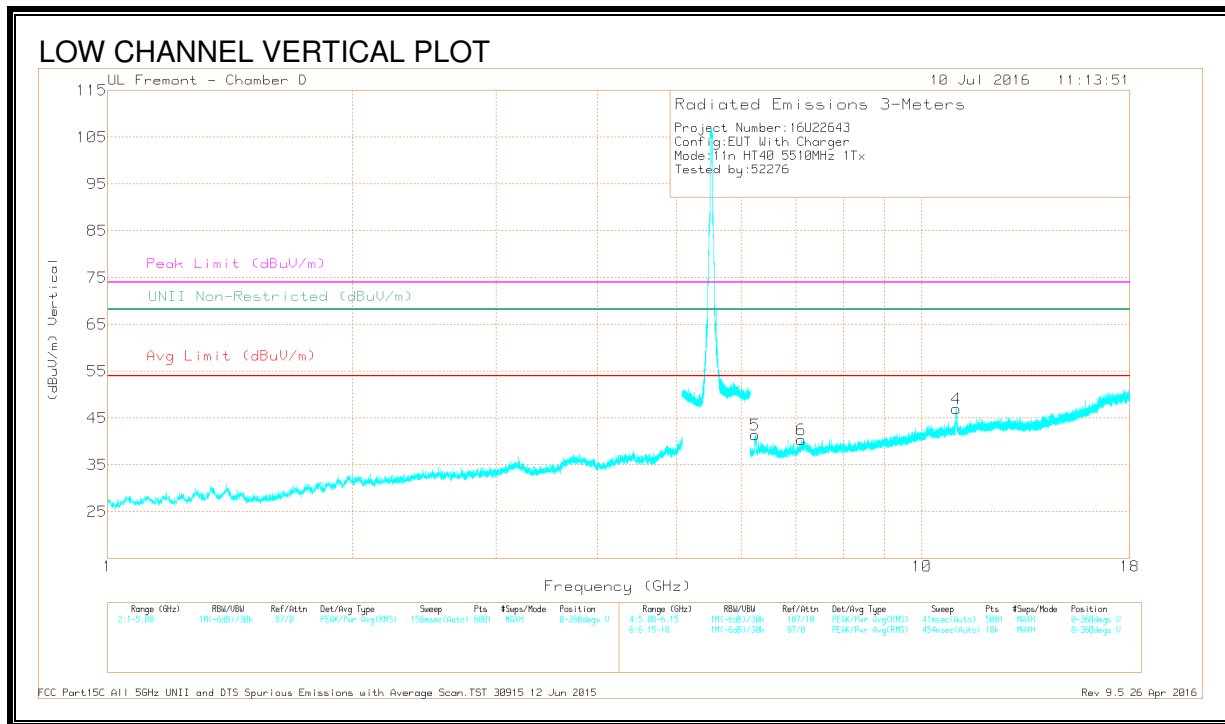
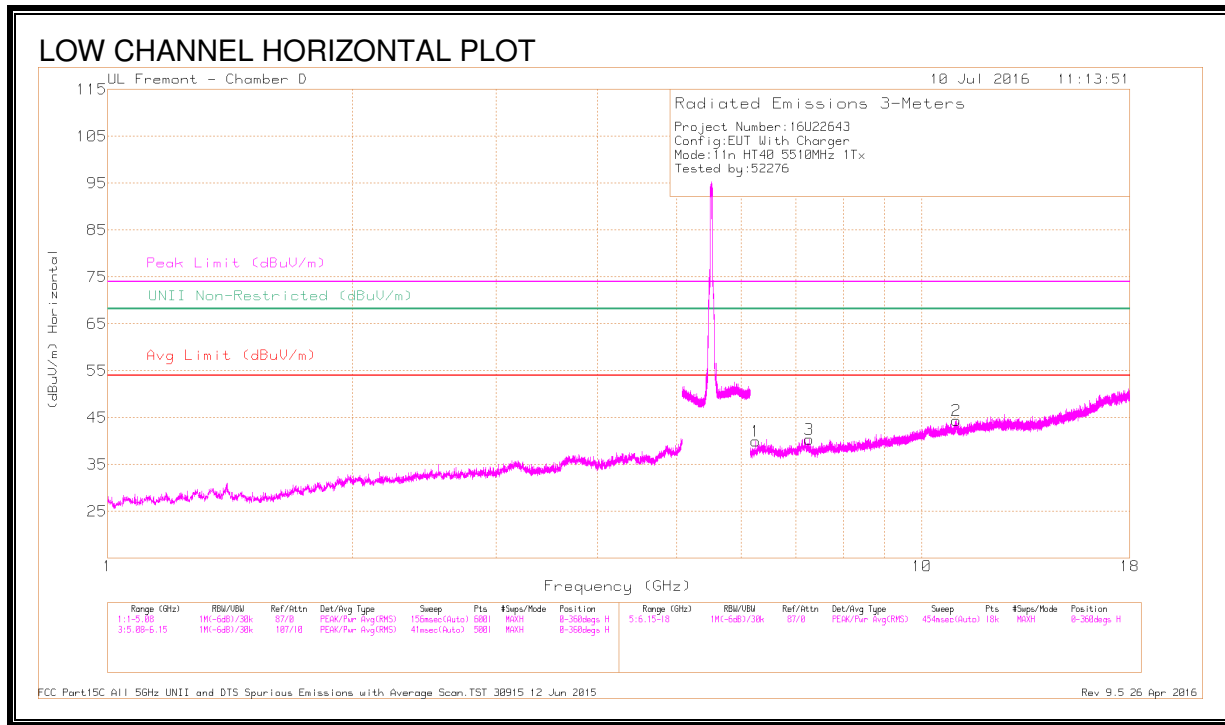
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.8	Pk	34.8	-17.3	55.3	68.2	-12.9	4	395	H
2	5.725	40.07	Pk	34.8	-17.3	57.57	68.2	-10.63	4	395	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.32	Pk	34.8	-17.3	58.82	68.2	-9.38	269	371	V
2	5.726	45.74	Pk	34.8	-17.3	63.24	68.2	-4.96	269	371	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

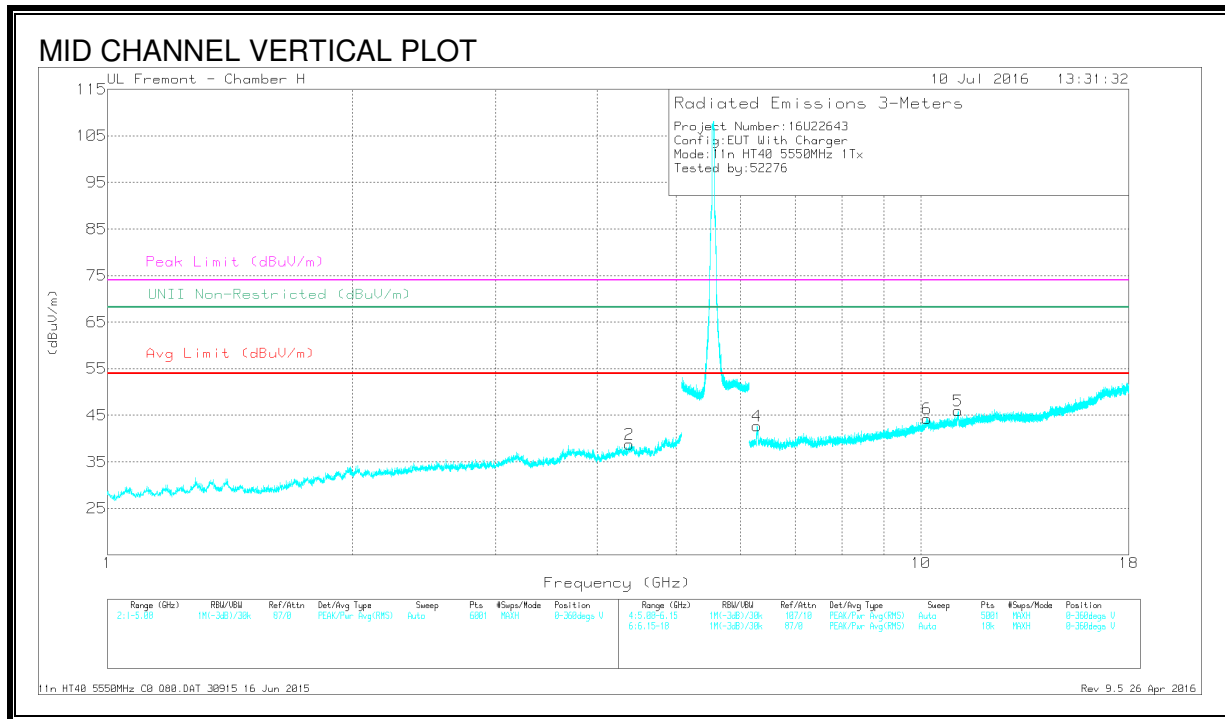
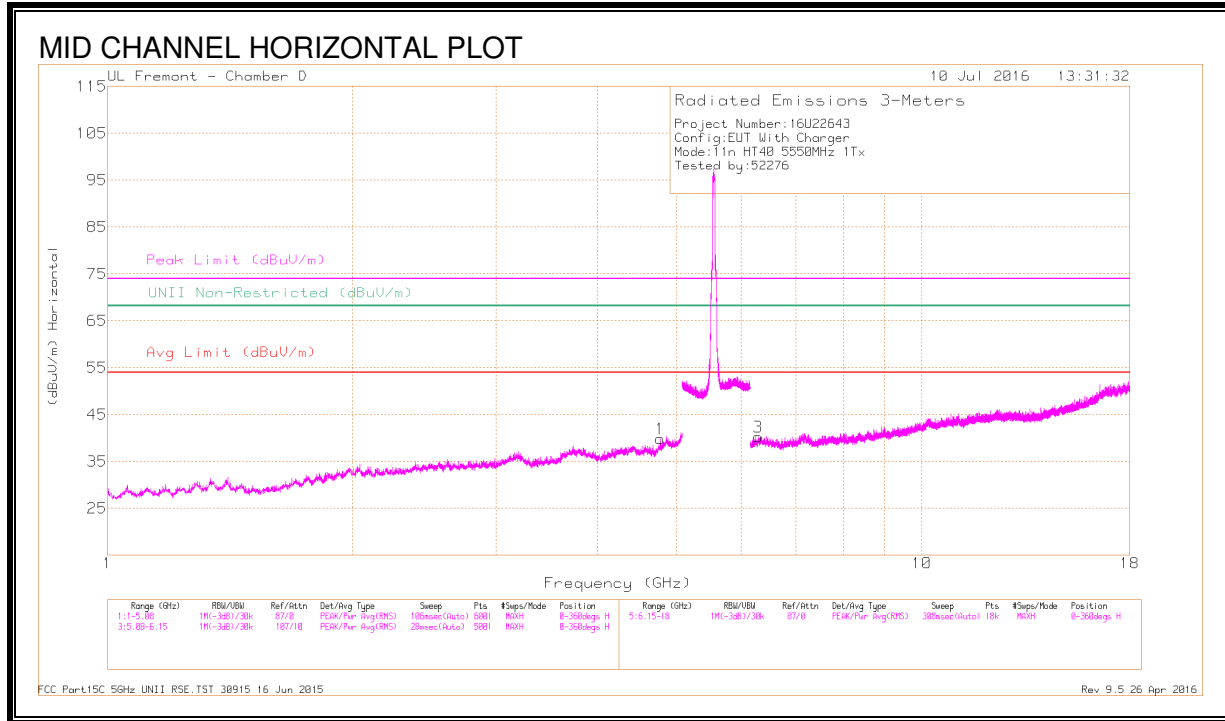
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 11.021	33.66	PK-U	38	-20.9	50.76	-	-	74	-23.24	-	-	15	281	H
	* 11.016	34.14	PK-U	38	-20.9	51.24	-	-	74	-22.76	-	-	15	281	H
3	* 7.274	34.3	PK-U	35.7	-24.7	45.3	-	-	74	-28.7	-	-	360	271	H
	* 7.275	23.95	ADR	35.7	-24.7	34.95	54	-19.05	-	-	-	-	360	271	H
4	* 11.022	35.74	PK-U	38	-20.9	52.84	-	-	74	-21.16	-	-	76	108	V
	* 11.021	24.93	ADR	38	-20.9	42.03	54	-11.97	-	-	-	-	76	108	V
5	6.241	35.33	PK-U	35.6	-26.3	44.63	-	-	-	-	68.2	-23.57	25	100	V
1	6.252	35.67	PK-U	35.6	-26.1	45.17	-	-	-	-	68.2	-23.03	287	101	H
6	7.112	34.14	PK-U	35.8	-24.5	45.44	-	-	-	-	68.2	-22.76	119	240	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

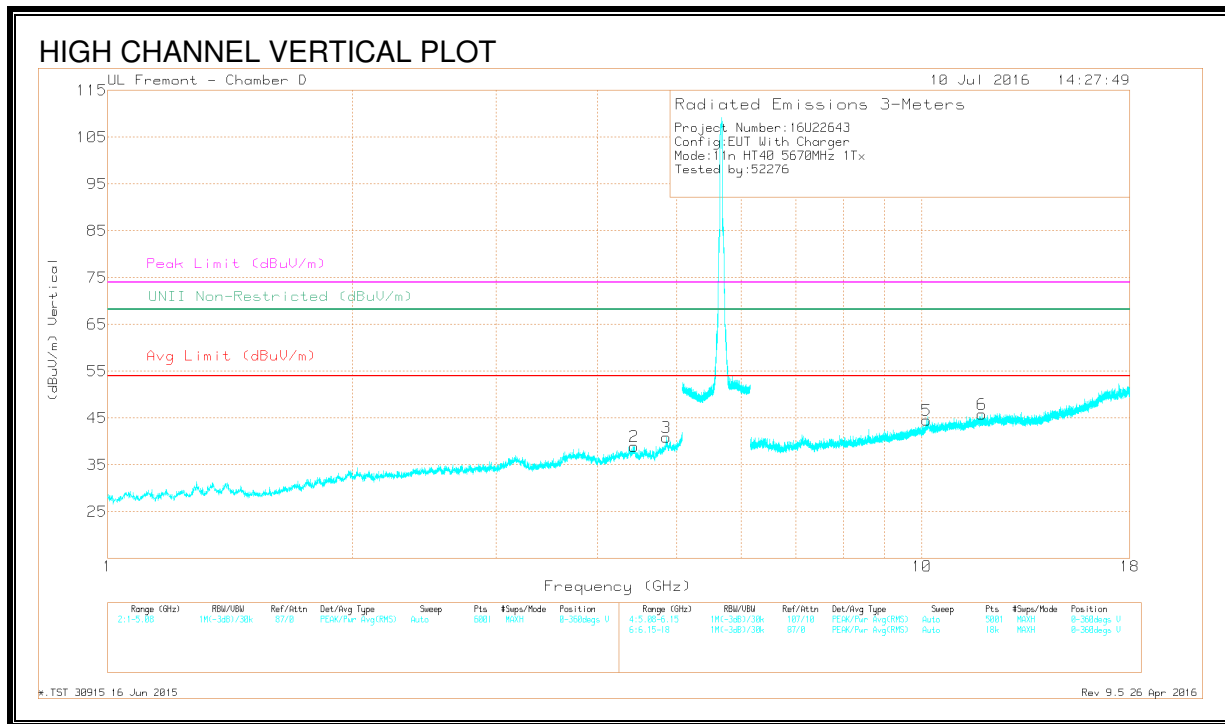
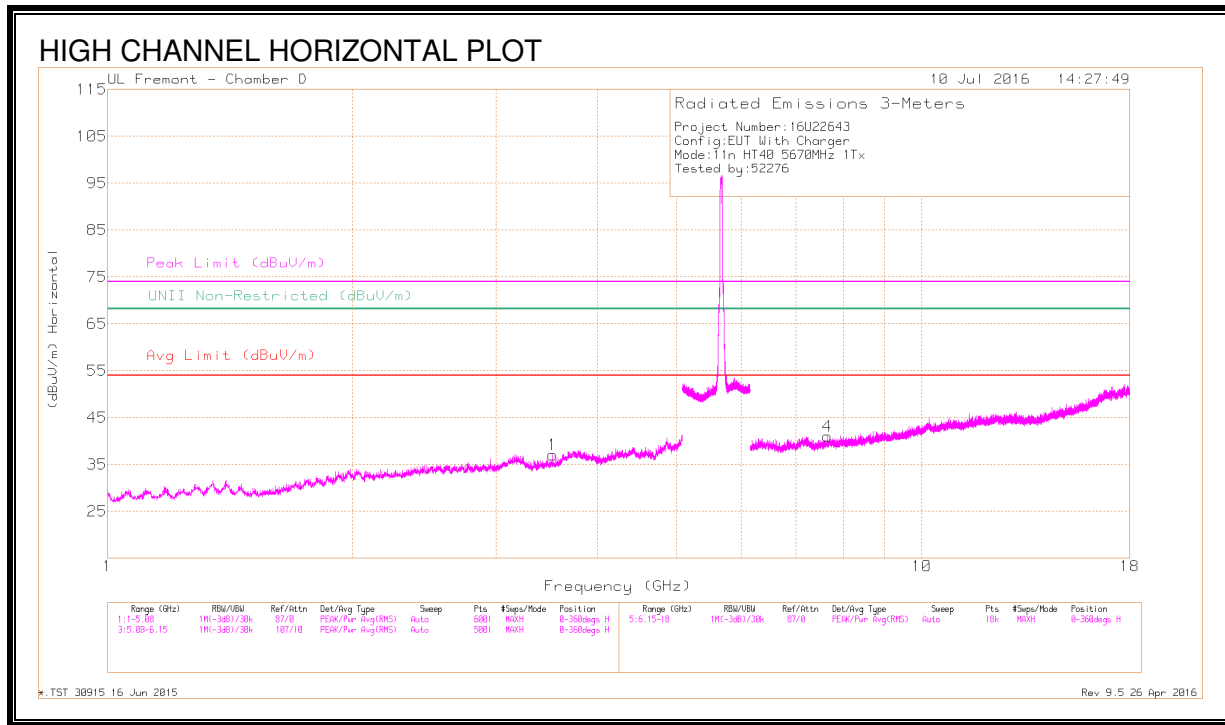


DATA

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)	Polarity
1	* 4.776	38.24	PK-U	34	-27.2	45.04	-	-	74	-28.96	-	-	0	100	H
	* 4.776	27.37	ADR	34	-27.2	34.17	54	-19.83	-	-	-	-	0	100	H
2	* 4.382	37.24	PK-U	33.9	-27.6	43.54	-	-	74	-30.46	-	-	0	100	V
	* 4.381	27.15	ADR	33.9	-27.6	33.45	54	-20.55	-	-	-	-	0	100	V
5	* 11.098	34.67	PK-U	38	-21.2	51.47	-	-	74	-22.53	-	-	120	232	V
	* 11.098	24.57	ADR	38	-21.2	41.37	54	-12.63	-	-	-	-	120	232	V
4	6.286	39.92	PK-U	35.6	-25.8	49.72	-	-	-	-	68.2	-18.48	120	232	V
3	6.298	36.24	PK-U	35.6	-25.5	46.34	-	-	-	-	68.2	-21.86	164	123	H
6	10.173	27.04	Pk	37.4	-20.2	44.24	-	-	-	-	68.2	-23.96	0-360	101	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

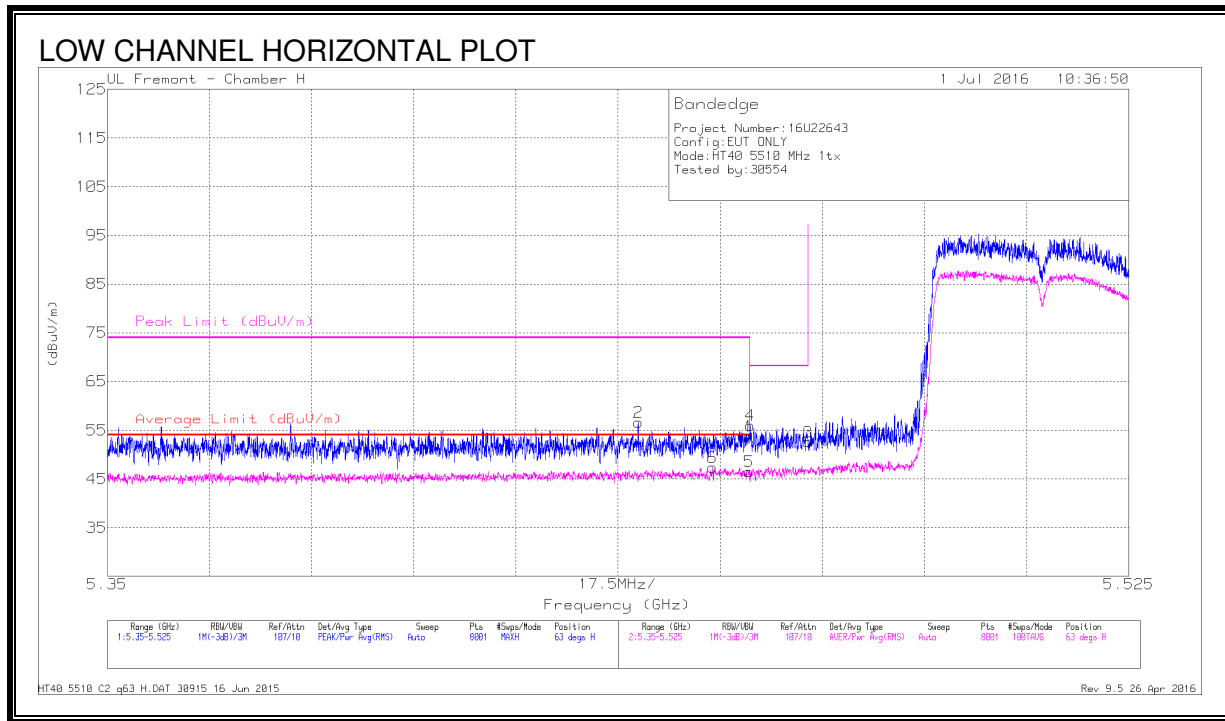
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp /Cbl/ Fltr/ Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.52	39.26	PK-U	33.1	-28.7	43.66	-	-	74	-30.34	-	-	100	100	H
	* 3.519	27.95	ADR	33.1	-28.7	32.35	54	-21.65	-	-	-	-	100	100	H
3	* 4.853	37.16	PK-U	34.1	-25.4	45.86	-	-	74	-28.14	-	-	25	100	V
	* 4.851	27.13	ADR	34.1	-25.4	35.83	54	-18.17	-	-	-	-	25	100	V
4	* 7.657	36.08	PK-U	35.8	-24.9	46.98	-	-	74	-27.02	-	-	156	100	H
	* 7.657	25.67	ADR	35.8	-24.9	36.57	54	-17.43	-	-	-	-	156	100	H
6	* 11.849	33.92	PK-U	38.8	-21.1	51.62	-	-	74	-22.38	-	-	315	100	V
	* 11.851	24.03	ADR	38.8	-21.1	41.73	54	-12.27	-	-	-	-	315	100	V
2	4.43	37	PK-U	33.9	-27.2	43.7	-	-	-	-	68.2	-24.5	125	100	V
5	10.134	33.68	PK-U	37.4	-20.5	50.58	-	-	-	-	68.2	-17.62	50	100	V

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

PK-U - U-NII: Maximum Peak

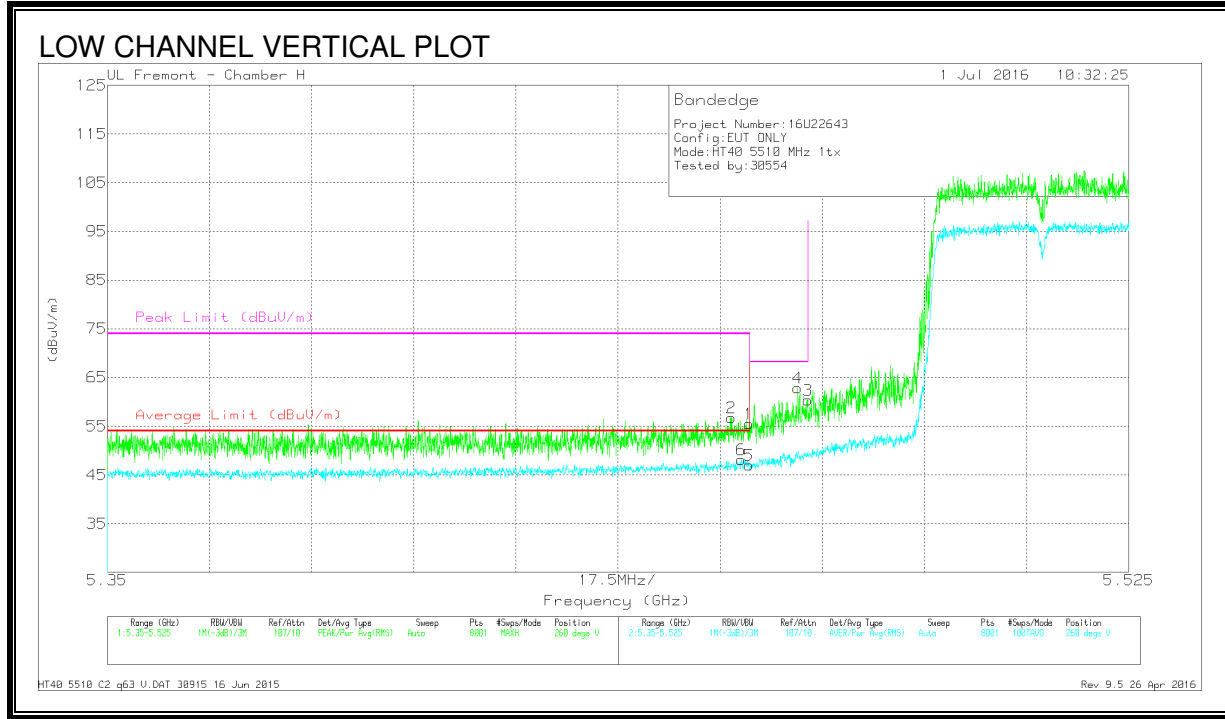
ADR - U-NII AD primary method, RMS average

RESTRICTED BANDEDGE, CHAIN 1 (LOW CHANNEL)



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Marg in (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
1	* 5.46	37.18	Pk	34.4	-17.8	53.78	-	-	74	-20.22	63	392	H
2	* 5.441	40.22	Pk	34.4	-18	56.62	-	-	74	-17.38	63	392	H
5	* 5.46	29.98	RMS	34.4	-17.8	46.58	54	-7.42	-	-	63	392	H
6	* 5.454	30.88	RMS	34.4	-17.9	47.38	54	-6.62	-	-	63	392	H
4	5.46	39.39	Pk	34.4	-17.8	55.99	-	-	68.2	-12.21	63	392	H
3	5.47	35.98	Pk	34.4	-17.8	52.58	-	-	68.2	-15.62	63	392	H



DATA

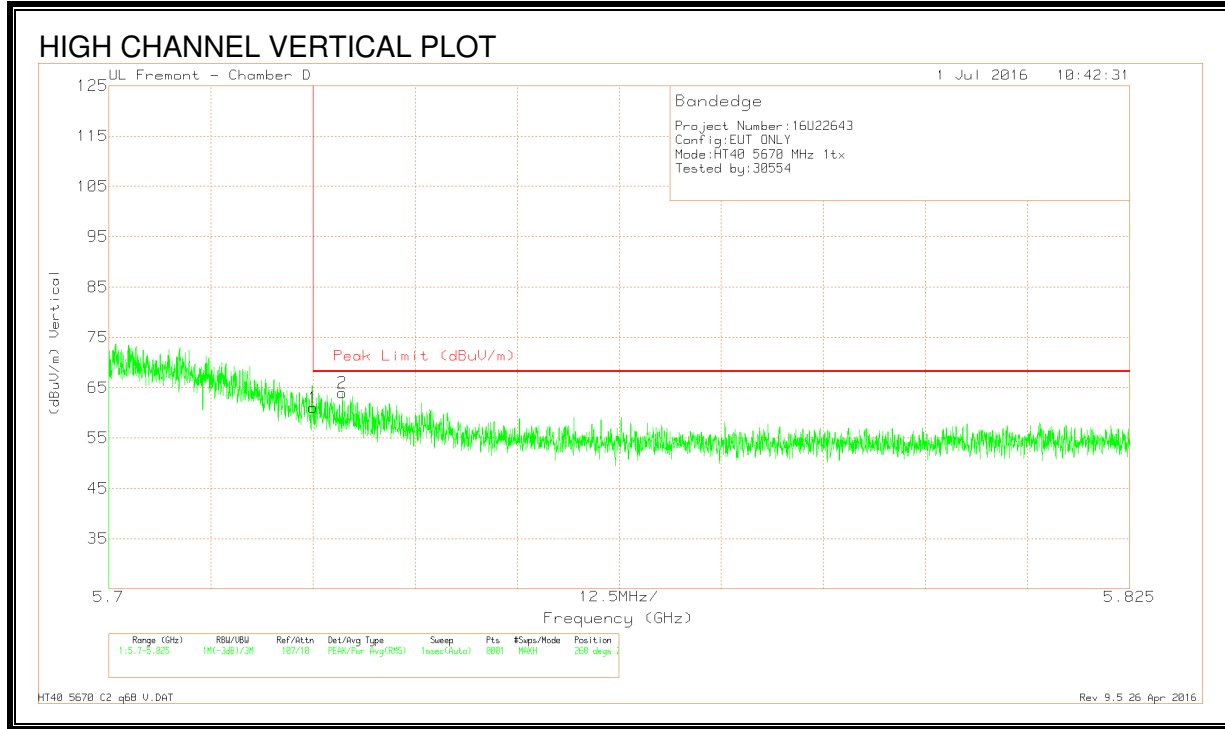
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.91	Pk	34.4	-17.8	55.51	-	-	74	-18.49	260	220	V
2	* 5.457	40.31	Pk	34.4	-17.9	56.81	-	-	74	-17.19	260	220	V
5	* 5.46	30.46	RMS	34.4	-17.8	47.06	54	-6.94	-	-	260	220	V
6	* 5.459	31.55	RMS	34.4	-17.8	48.15	54	-5.85	-	-	260	220	V
4	5.468	46.22	Pk	34.4	-17.8	62.82	-	-	68.2	-5.38	260	220	V
3	5.47	43.79	Pk	34.4	-17.8	60.39	-	-	68.2	-7.81	260	220	V

RESTRICTED BANDEDGE, CHAIN 1 (HIGH CHANNEL)



DATA

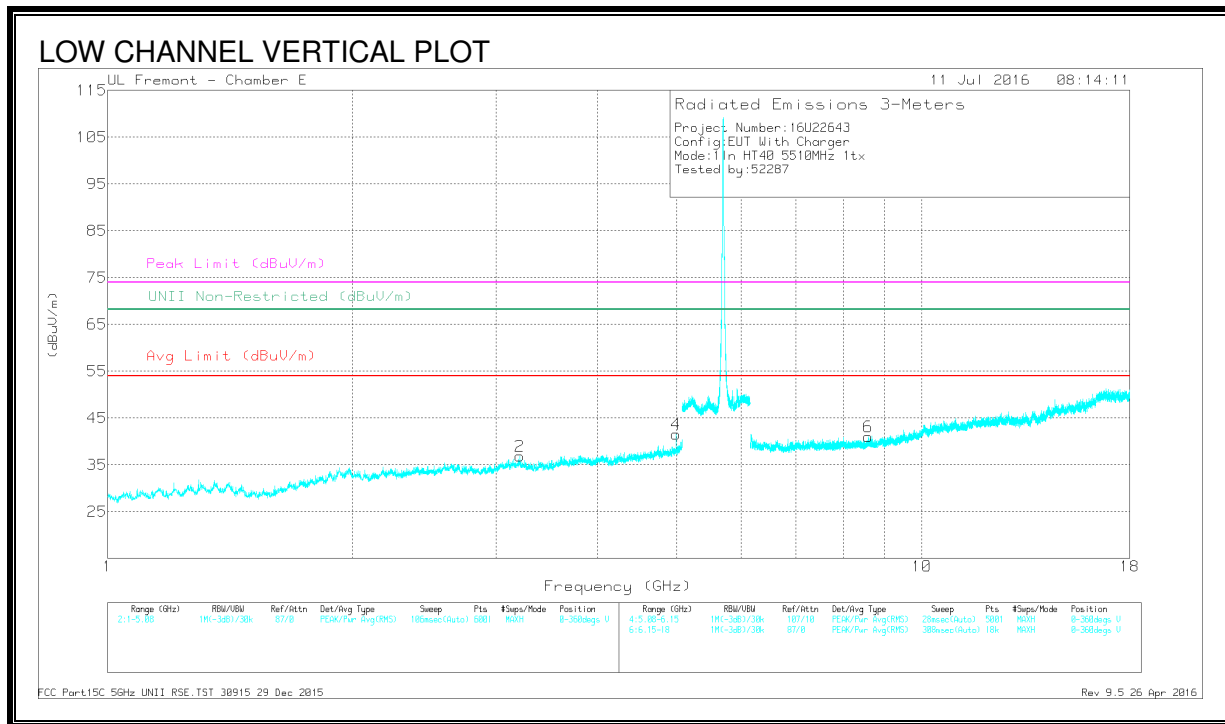
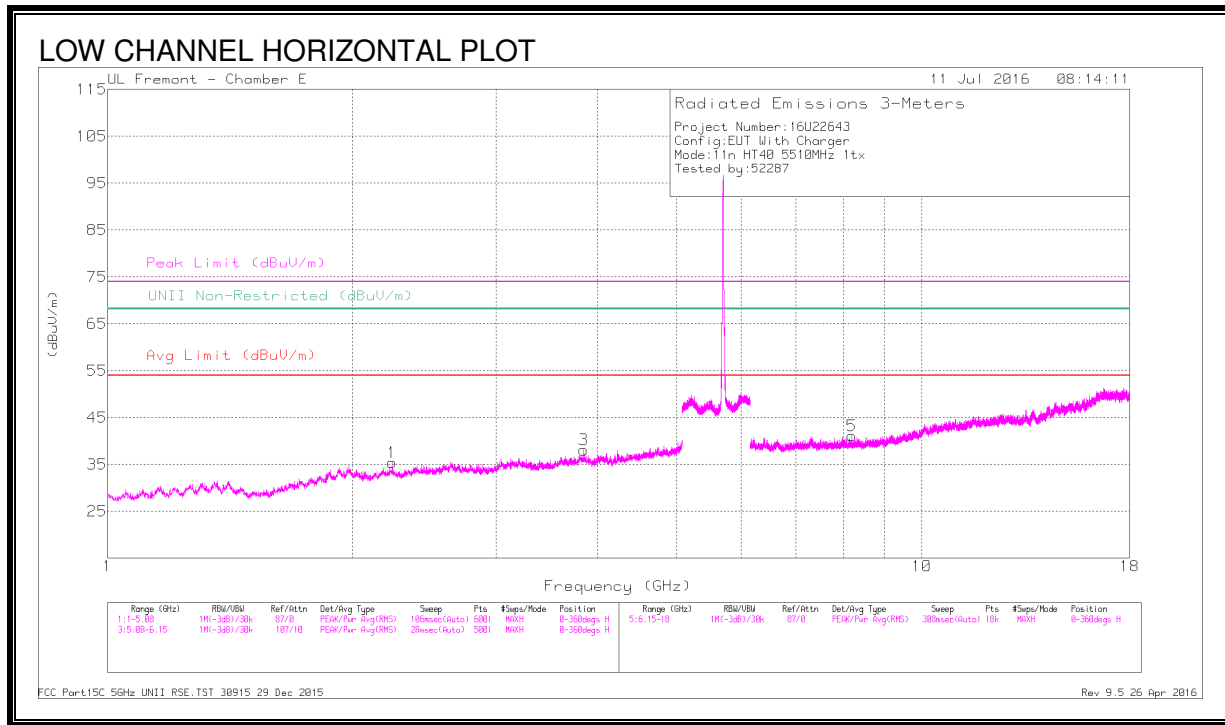
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.61	Pk	34.8	-17.3	56.11	68.2	-12.09	13	382	H
2	5.726	39.99	Pk	34.8	-17.3	57.49	68.2	-10.71	13	382	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.54	Pk	34.8	-17.3	61.04	68.2	-7.16	268	241	V
2	5.729	46.49	Pk	34.8	-17.3	63.99	68.2	-4.21	268	241	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

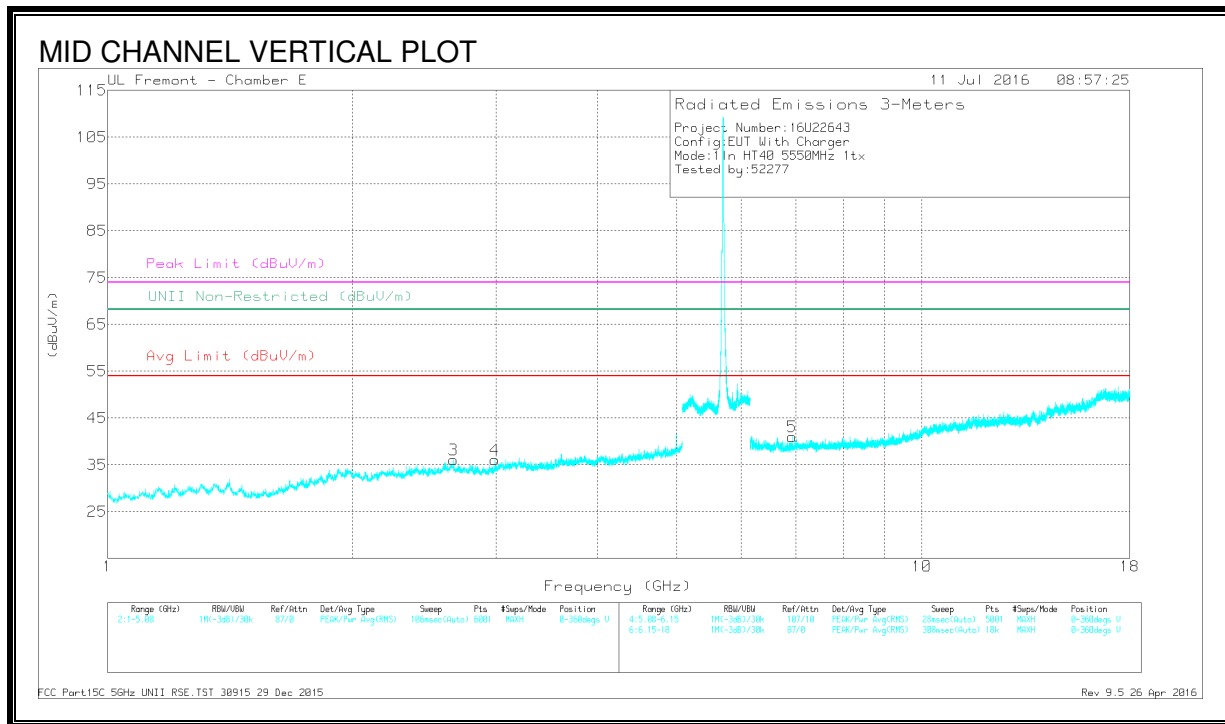
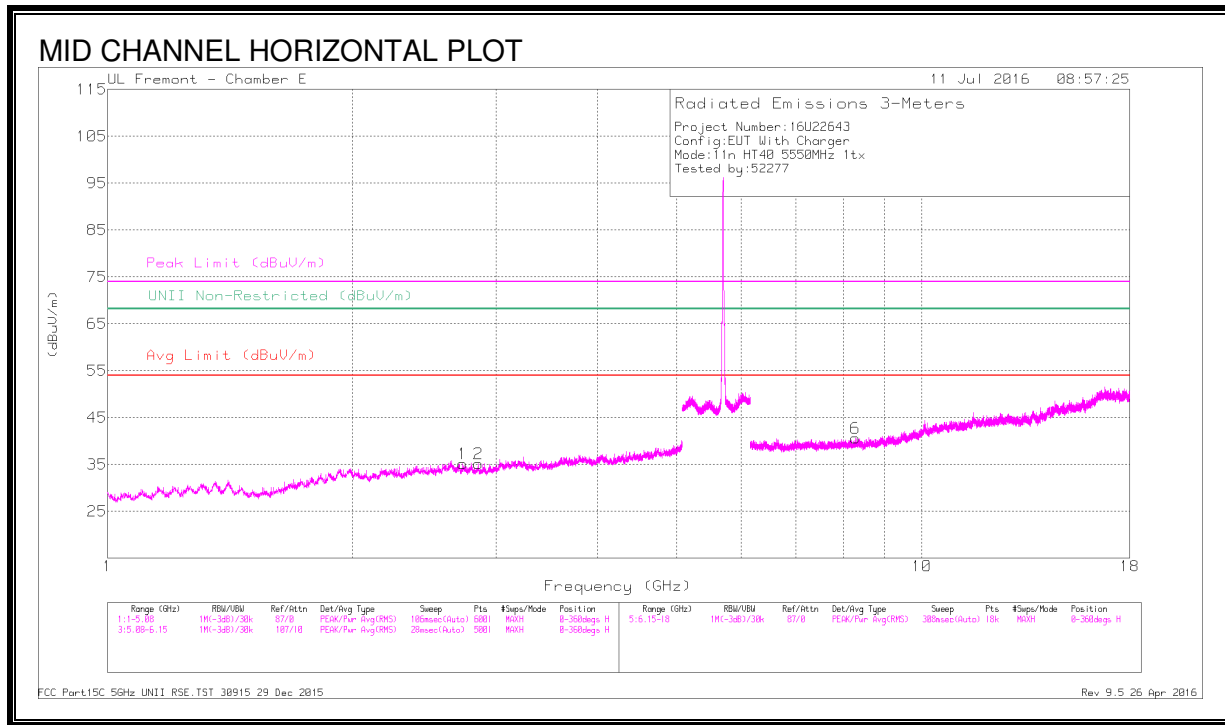
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	* 2.234	41.98	PK-U	31.7	-32.6	41.08	-	-	74	-32.92	-	-	1	373	H
1	* 2.235	30.76	ADR	31.7	-32.6	29.86	54	-24.14	-	-	-	-	1	373	H
3	* 3.84	40.15	PK-U	33.2	-29.9	43.45	-	-	74	-30.55	-	-	258	349	H
	* 3.842	29.11	ADR	33.2	-29.9	32.41	54	-21.59	-	-	-	-	258	349	H
4	* 4.987	43.06	PK-U	33.9	-29.3	47.66	-	-	74	-26.34	-	-	167	213	V
	* 4.987	35.08	ADR	33.9	-29.3	39.68	54	-14.32	-	-	-	-	167	213	V
	* 8.2	37.86	PK-U	35.8	-26.8	46.86	-	-	74	-27.14	-	-	341	193	H
5	* 8.197	27	ADR	35.8	-26.8	36	54	-18	-	-	-	-	341	193	H
2	3.21	42.14	PK-U	33.5	-32	43.64	-	-	-	-	68.2	-24.56	202	262	V
6	8.599	36.89	PK-U	35.8	-26.3	46.39	-	-	-	-	68.2	-21.81	221	139	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

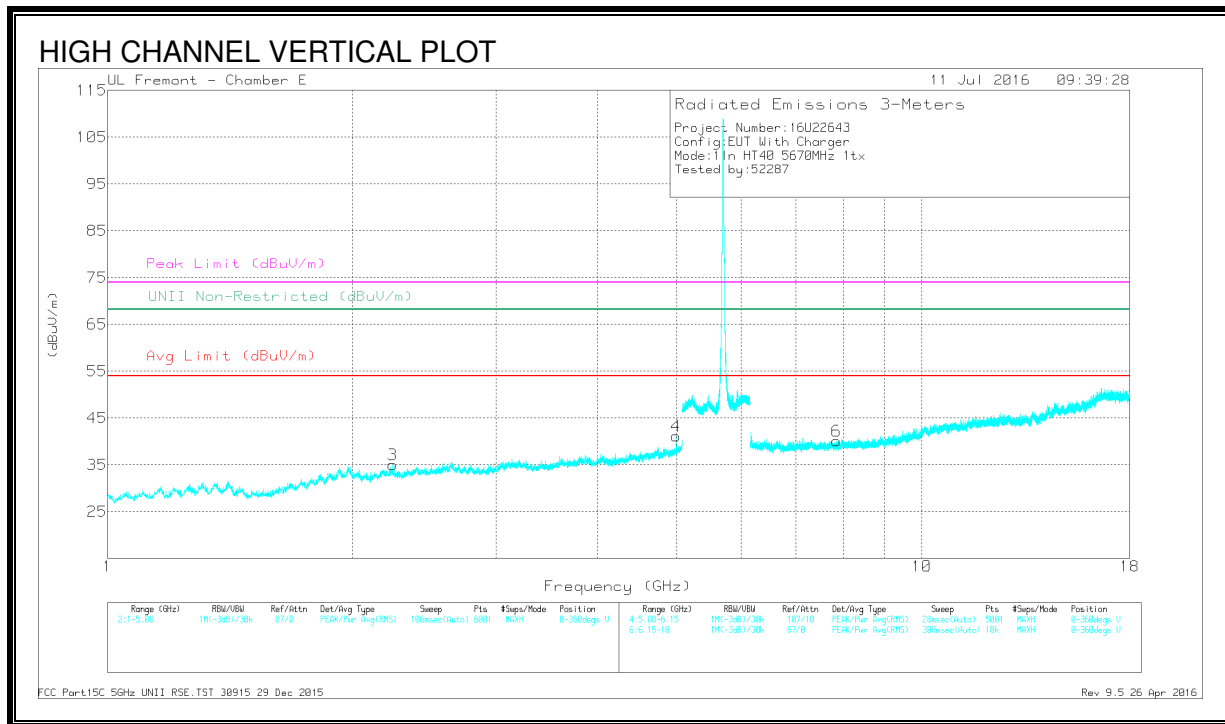
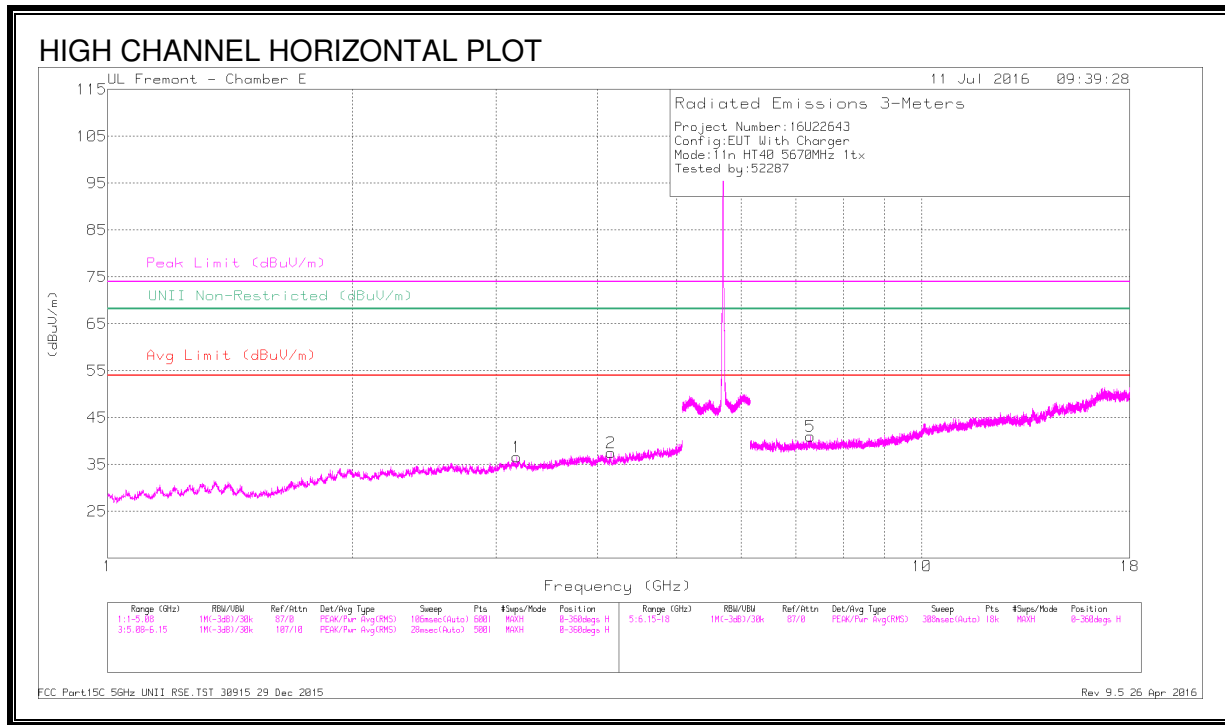
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 2.729	41.64	PK-U	32.5	-32.6	41.54	-	-	74	-32.46	-	-	18	223	H
	* 2.725	30.48	ADR	32.5	-32.5	30.48	54	-23.52	-	-	-	-	18	223	H
2	* 2.853	41.36	PK-U	32.1	-31.8	41.66	-	-	74	-32.34	-	-	301	243	H
	* 2.852	30.07	ADR	32.1	-31.8	30.37	54	-23.63	-	-	-	-	301	243	H
3	* 2.658	41.25	PK-U	32.6	-31.5	42.35	-	-	74	-31.65	-	-	128	366	V
	* 2.658	29.61	ADR	32.6	-31.5	30.71	54	-23.29	-	-	-	-	128	366	V
	* 8.291	37.82	PK-U	35.7	-26.9	46.62	-	-	74	-27.38	-	-	236	100	H
6	* 8.292	27	ADR	35.7	-26.9	35.8	54	-18.2	-	-	-	-	236	100	H
4	2.989	41.81	PK-U	32.4	-32.1	42.11	-	-	-	-	68.2	-26.09	83	353	V
5	6.931	38.72	PK-U	35.6	-28.1	46.22	-	-	-	-	68.2	-21.98	4	351	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
2	* 4.149	39.91	PK-U	33.3	-30.4	42.81	-	-	74	-31.19	-	-	207	184	H
	* 4.148	29.55	ADR	33.3	-30.4	32.45	54	-21.55	-	-	-	-	207	184	H
3	* 2.239	42.22	PK-U	31.7	-32.7	41.22	-	-	74	-32.78	-	-	319	400	V
	* 2.239	30.76	ADR	31.7	-32.7	29.76	54	-24.24	-	-	-	-	319	400	V
	* 4.987	43.34	PK-U	33.9	-29.3	47.94	-	-	74	-26.06	-	-	145	257	V
4	* 4.988	35.91	ADR	33.9	-29.3	40.51	54	-13.49	-	-	-	-	145	257	V
5	* 7.297	37.94	PK-U	35.6	-26.2	47.34	-	-	74	-26.66	-	-	261	188	H
	* 7.295	26.82	ADR	35.6	-26.3	36.12	54	-17.88	-	-	-	-	261	188	H
1	3.181	41.56	PK-U	33.5	-31.9	43.16	-	-	-	-	68.2	-25.04	43	206	H
6	7.853	36.76	PK-U	35.7	-26.8	45.66	-	-	-	-	68.2	-22.54	287	267	V

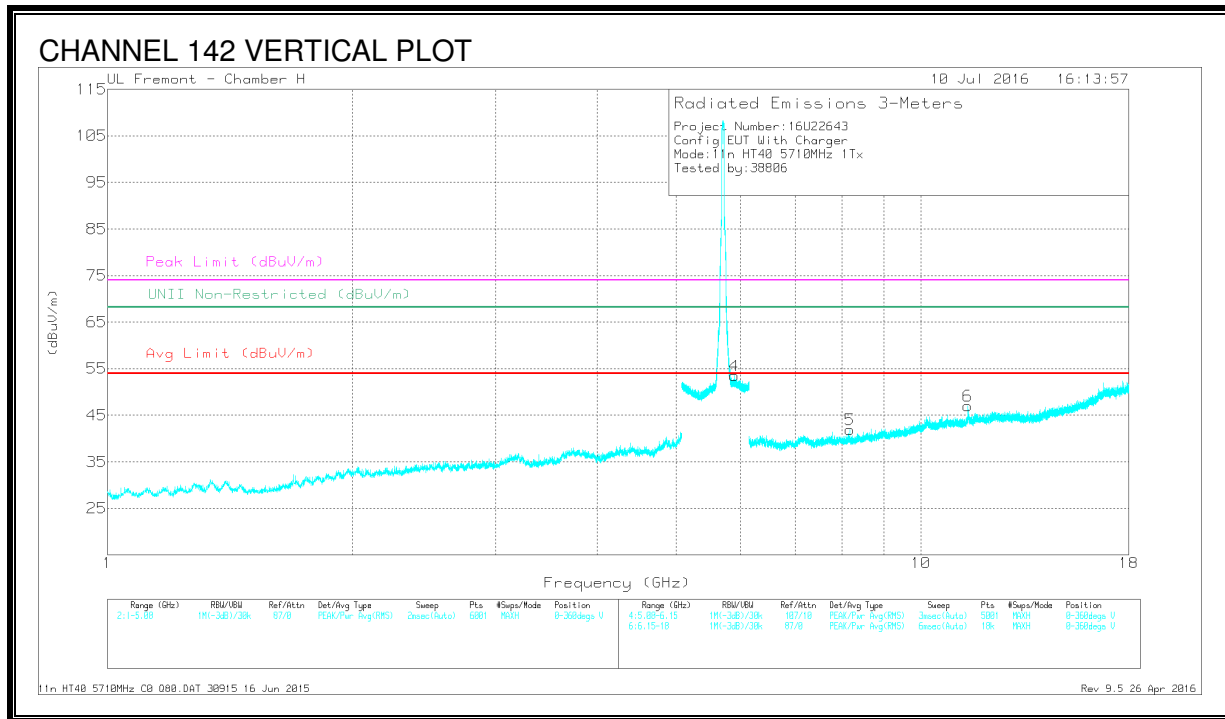
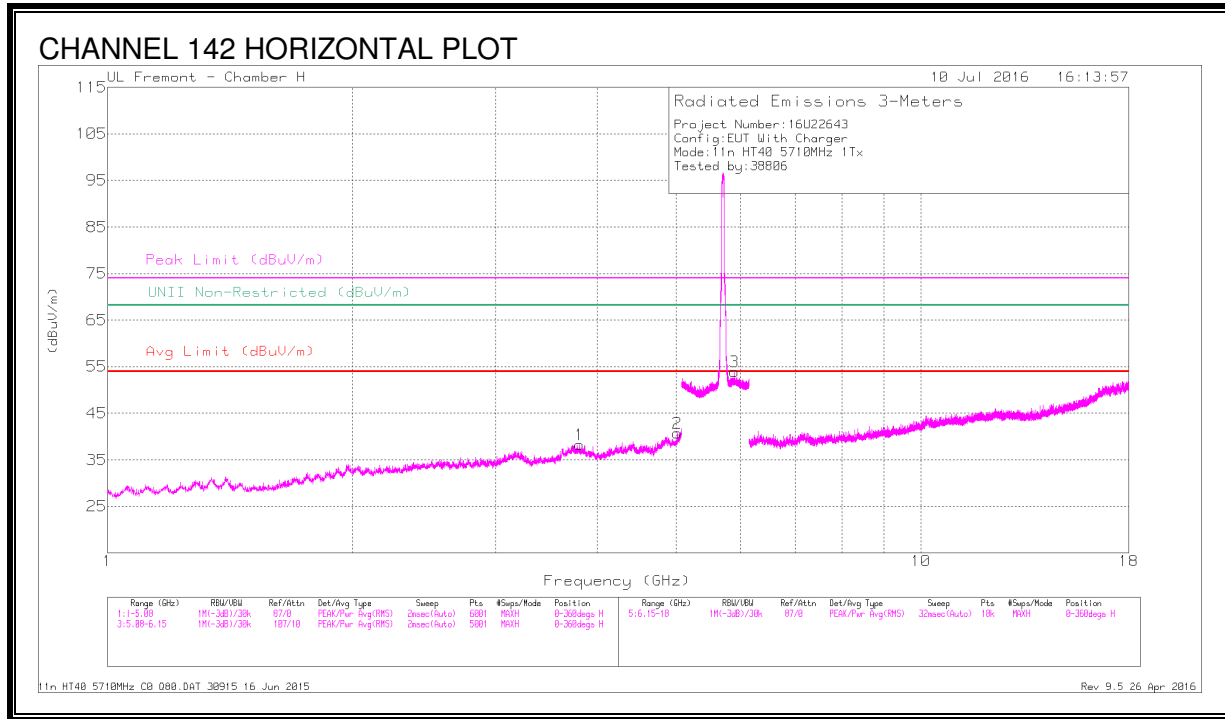
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.35. 802.11ac VHT40 1Tx STRADDLE CHANNEL 142 HARMONICS AND SPURIOUS EMISSIONS

CHAIN 0

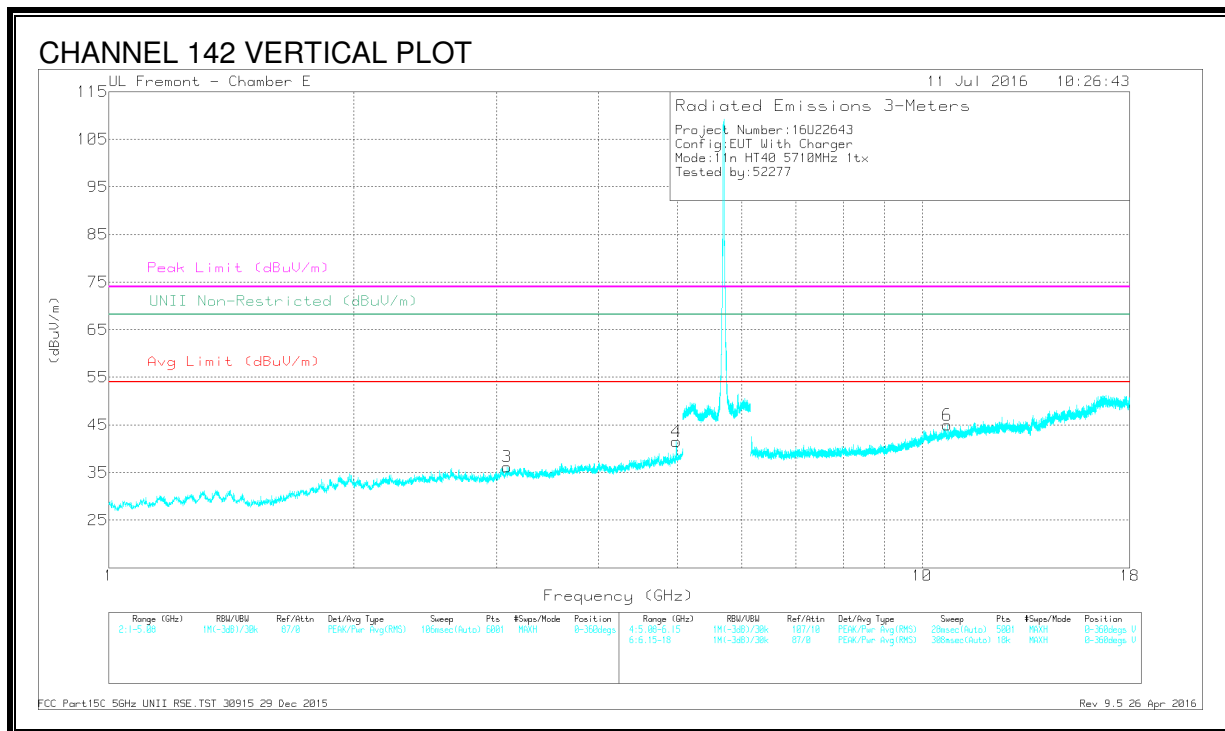
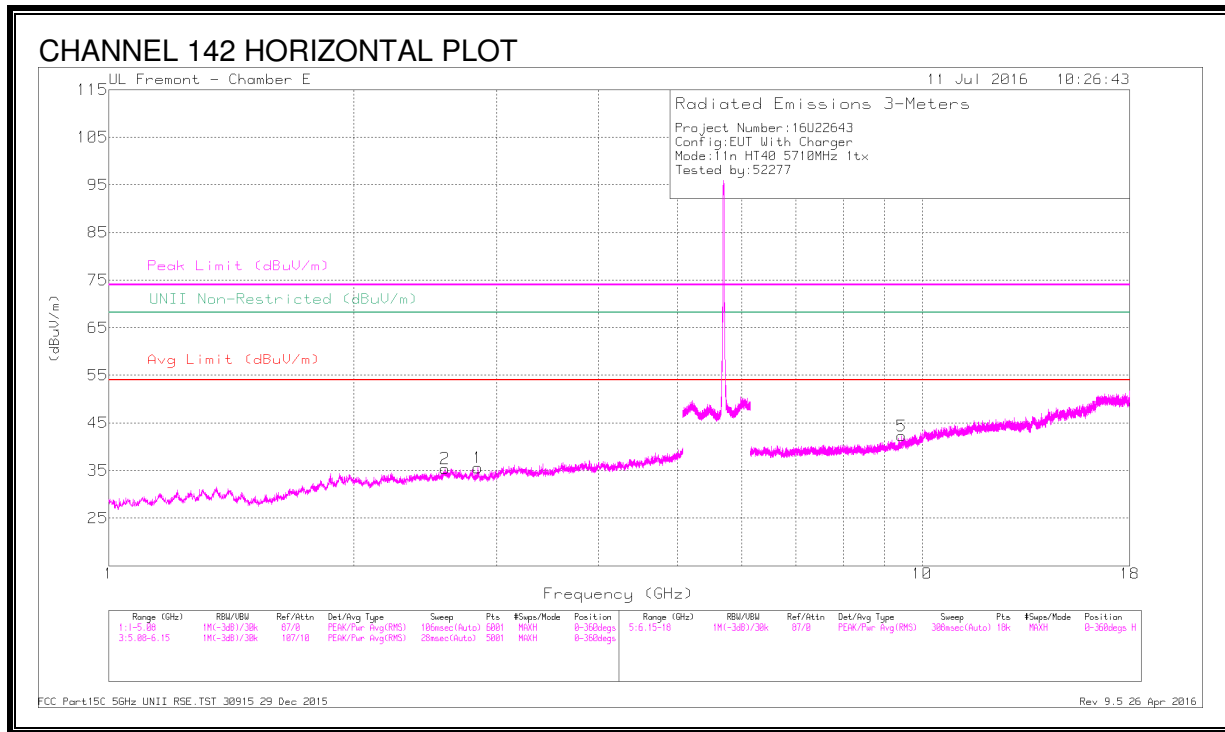


DATA

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)	Polarity
1	* 3.805	45.5	PK-U	33.6	-28.4	50.7	-	-	74	-23.3	-	-	337	328	H
	* 3.806	33.48	ADR	33.6	-28.4	38.68	54	-15.32	-	-	-	-	337	328	H
2	* 5.019	43.19	PK-U	34	-25.8	51.39	-	-	74	-22.61	-	-	64	368	H
	* 5.022	32.3	ADR	34	-25.7	40.6	54	-13.4	-	-	-	-	64	368	H
3	5.895	41.56	PK-U	35	-17.2	59.36	-	-	-	-	68.2	-8.84	40	219	H
4	5.9	41.56	PK-U	35	-17.1	59.46	-	-	-	-	68.2	-8.74	309	248	V
5	* 8.176	39.49	PK-U	35.8	-23.9	51.39	-	-	74	-22.61	-	-	203	156	V
	* 8.176	28.44	ADR	35.8	-23.9	40.34	54	-13.66	-	-	-	-	203	156	V
6	* 11.417	36.53	PK-U	38.3	-20.9	53.93	-	-	74	-20.07	-	-	252	302	V
	* 11.417	26.36	ADR	38.3	-20.9	43.76	54	-10.24	-	-	-	-	252	302	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

CHAIN 1



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl /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 (Degs)	Height (cm)	Polarity
1	* 2.843	41.14	PK-U	32.2	-31.8	41.54	-	-	74	-32.46	-	-	183	245	H
	* 2.843	30.31	ADR	32.2	-31.8	30.71	54	-23.29	-	-	-	-	183	245	H
4	* 4.987	43.18	PK-U	33.9	-29.3	47.78	-	-	74	-26.22	-	-	122	219	V
	* 4.987	35.92	ADR	33.9	-29.3	40.52	54	-13.48	-	-	-	-	122	219	V
5	* 9.444	37.77	PK-U	36.3	-25.7	48.37	-	-	74	-25.63	-	-	209	212	H
	* 9.442	26.44	ADR	36.3	-25.8	36.94	54	-17.06	-	-	-	-	209	212	H
6	* 10.739	36.05	PK-U	37.9	-24.1	49.85	-	-	74	-24.15	-	-	341	148	V
	* 10.737	25.64	ADR	37.9	-24.1	39.44	54	-14.56	-	-	-	-	341	148	V
2	2.588	41.89	PK-U	32.5	-31.9	42.49	-	-	-	-	68.2	-25.71	76	360	H
3	3.09	40.63	PK-U	32.9	-30.9	42.63	-	-	-	-	68.2	-25.57	214	215	V

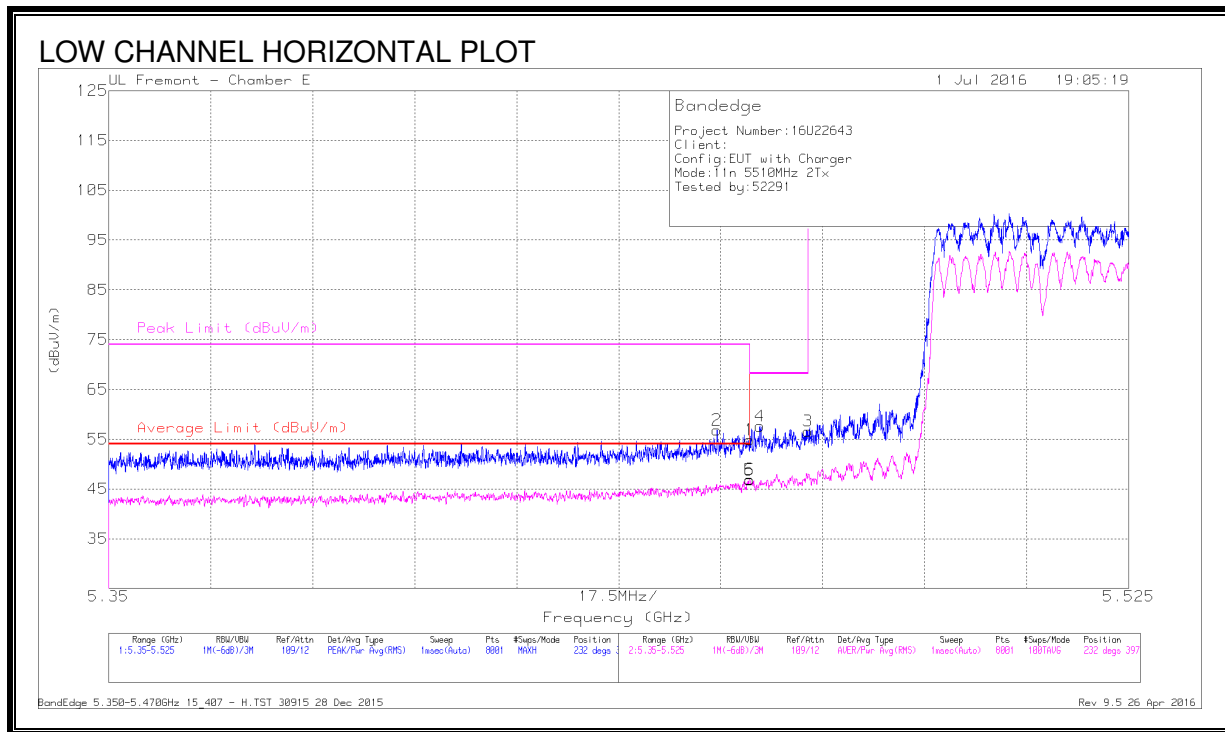
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

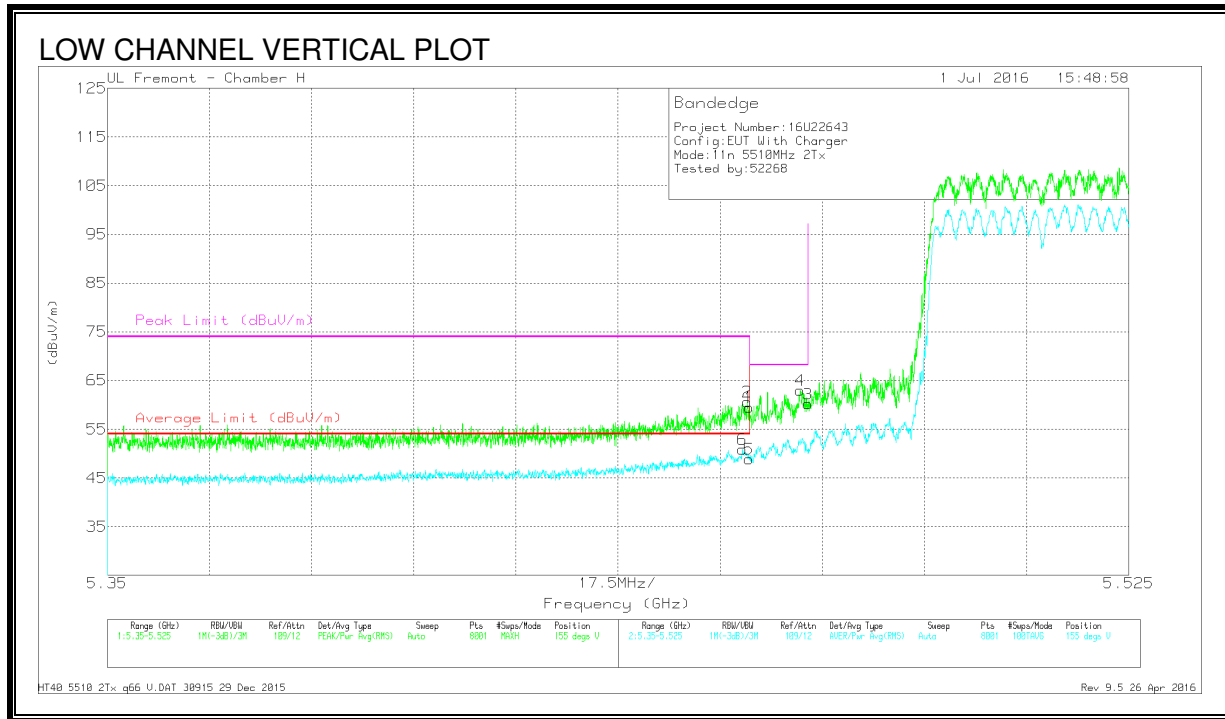
9.36. 802.11n HT40 2Tx CDD MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

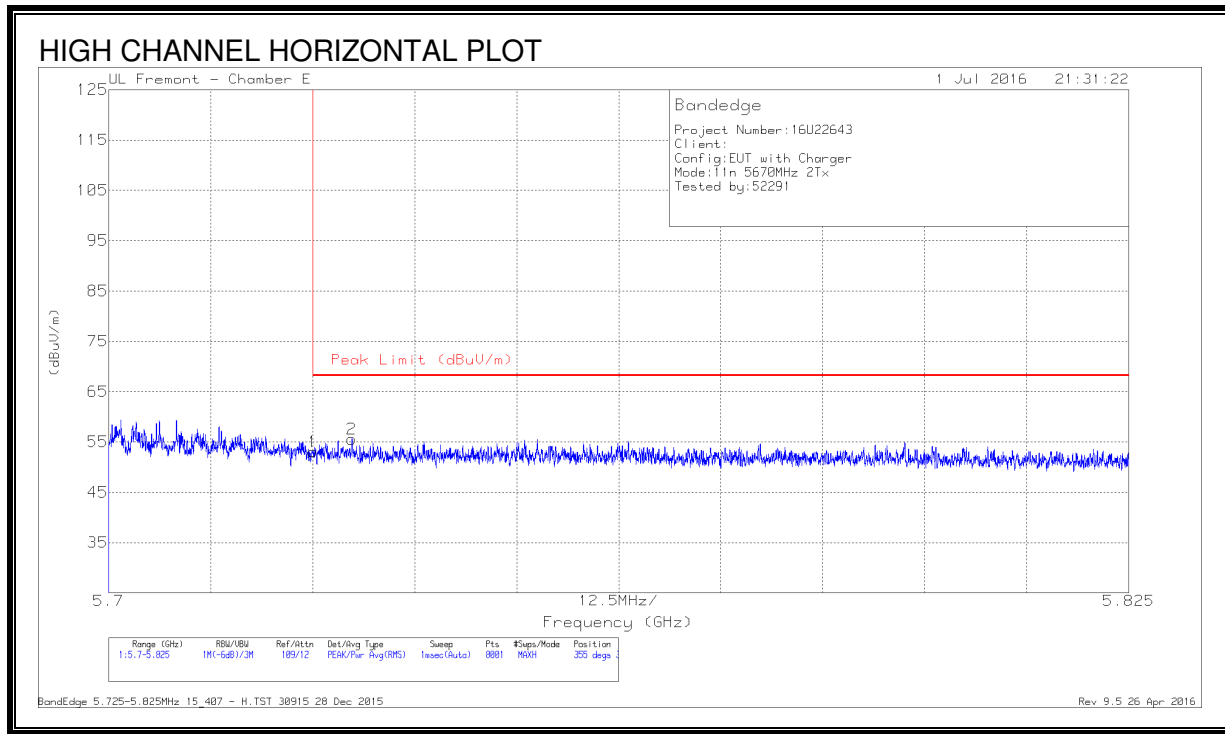
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2	* 5.454	42.14	Pk	34.4	-19.7	56.84	-	-	74	-17.16	232	397	H
1	* 5.46	40.17	Pk	34.4	-19.7	54.87	-	-	74	-19.13	232	397	H
5	* 5.46	32.11	RMS	34.4	-19.7	46.81	54	-7.19	-	-	232	397	H
6	* 5.46	32.22	RMS	34.4	-19.7	46.92	54	-7.08	-	-	232	397	H
4	5.462	42.92	Pk	34.4	-19.7	57.62	-	-	68.2	-10.58	232	397	H
3	5.47	41.91	Pk	34.4	-19.7	56.61	-	-	68.2	-11.59	232	397	H



DATA

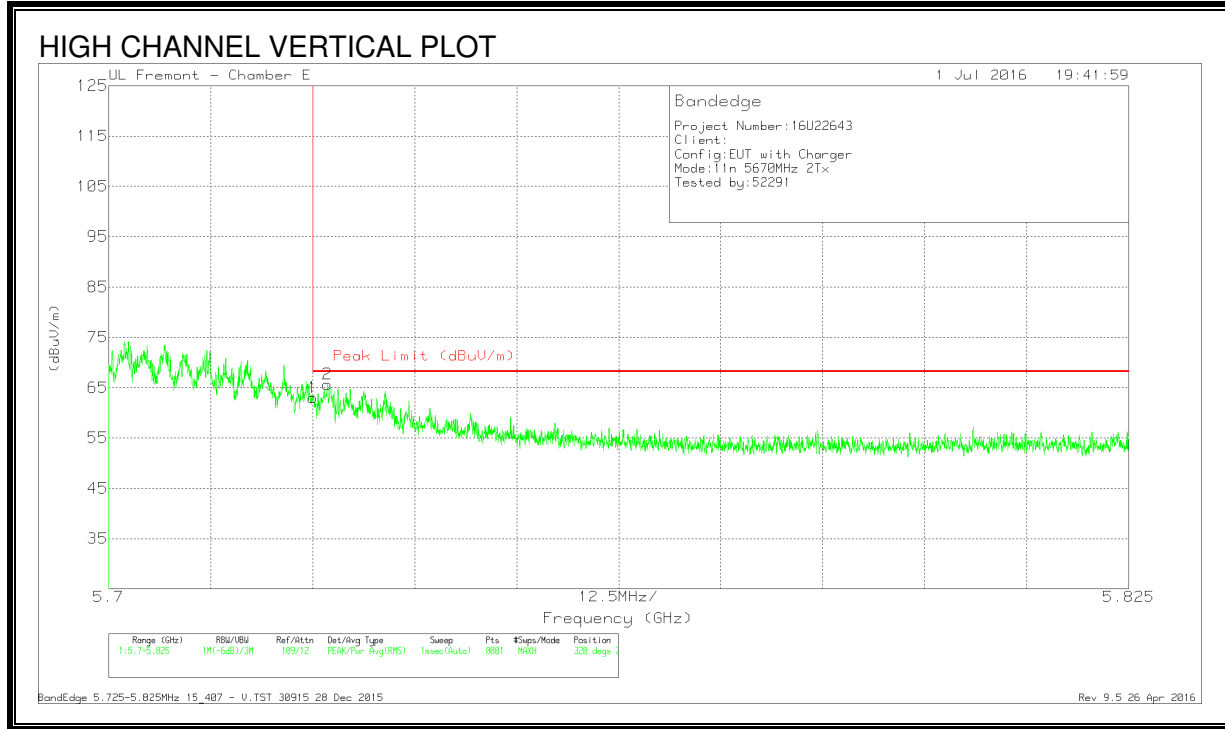
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.459	36.14	RMS	34.4	-19.7	50.84	54	-3.16	-	-	155	230	V
1	* 5.46	44.81	Pk	34.4	-19.7	59.51	-	-	74	-14.49	155	230	V
2	* 5.46	45.87	Pk	34.4	-19.7	60.57	-	-	74	-13.43	155	230	V
5	* 5.46	34.23	RMS	34.4	-19.7	48.93	54	-5.07	-	-	155	230	V
4	5.469	48.29	Pk	34.4	-19.7	62.99	-	-	68.2	-5.21	155	230	V
3	5.47	45.49	Pk	34.4	-19.7	60.19	-	-	68.2	-8.01	155	230	V

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

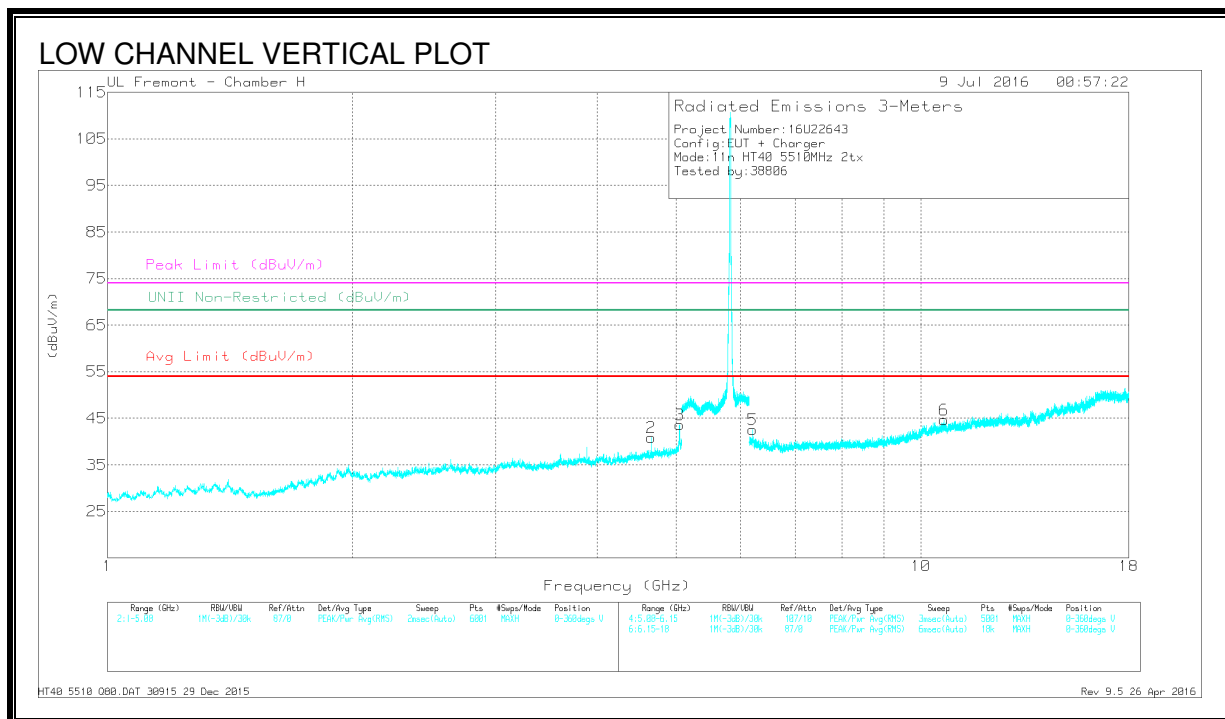
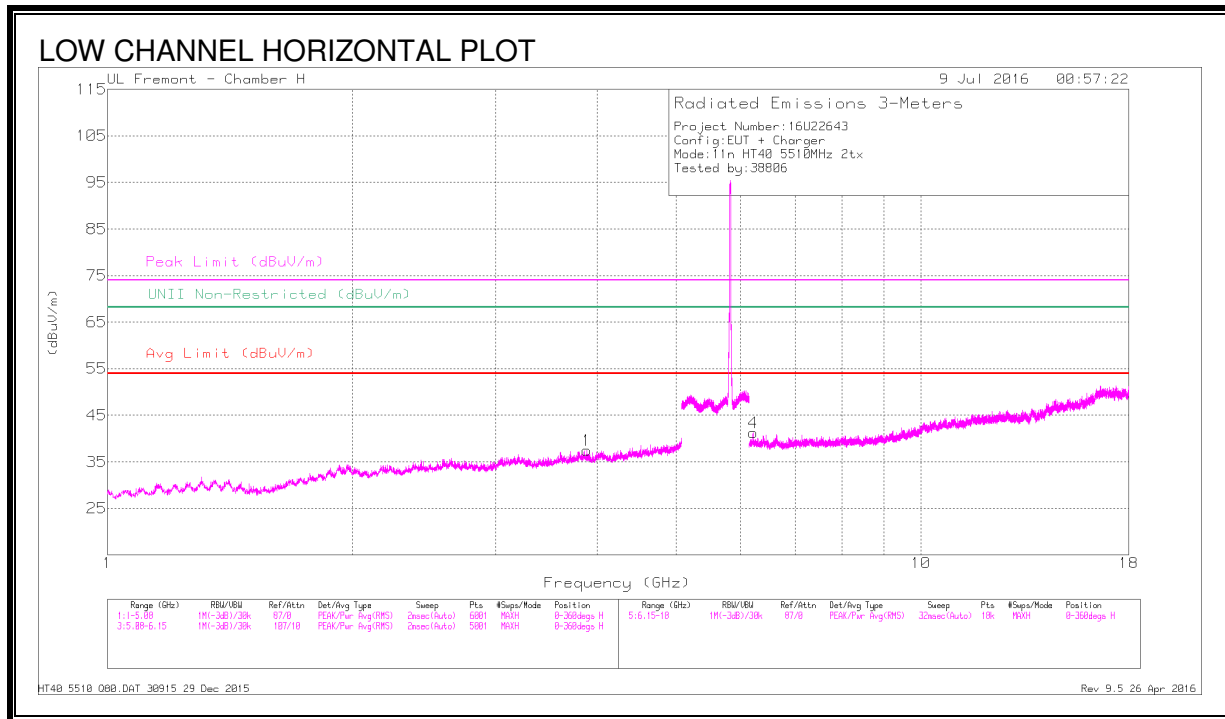
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.98	Pk	34.9	-19.8	53.08	68.2	-15.12	355	367	H
2	5.73	40.57	Pk	34.9	-19.9	55.57	68.2	-12.63	355	367	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.93	Pk	34.9	-19.8	63.03	68.2	-5.17	320	248	V
2	5.727	50.69	Pk	34.9	-19.9	65.69	68.2	-2.51	320	248	V

LOW CHANNEL HARMONICS AND SPURIOUS EMISSIONS



DATA

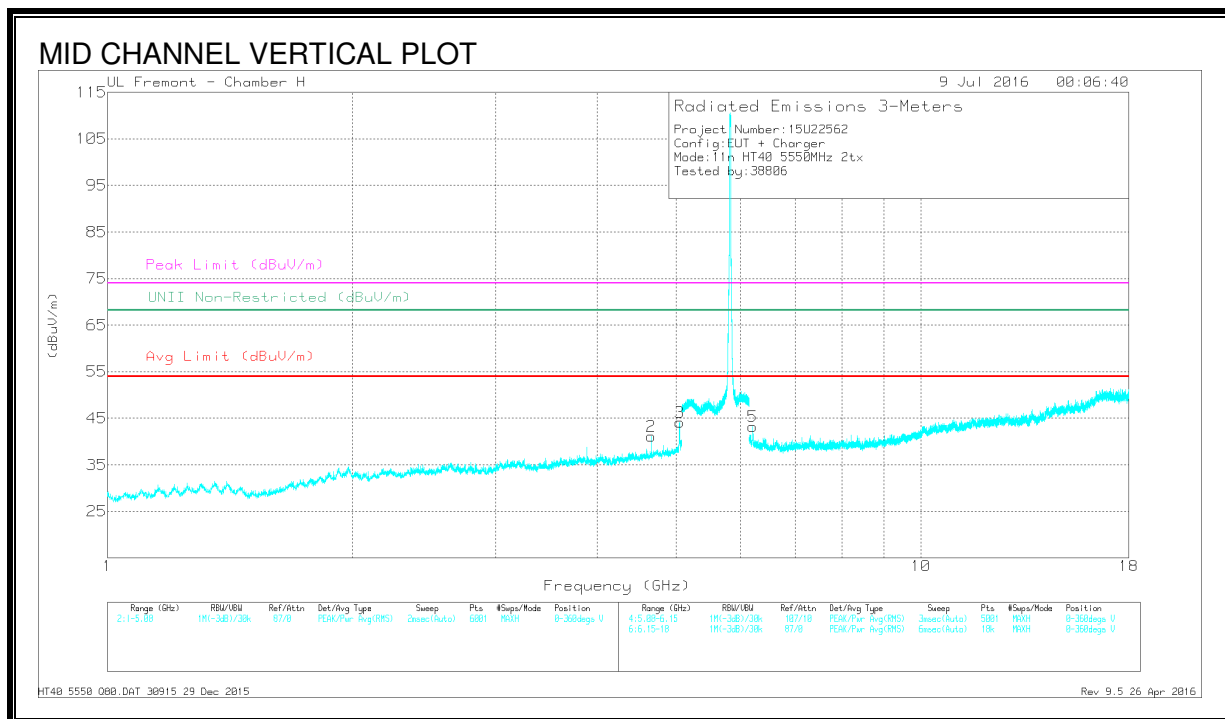
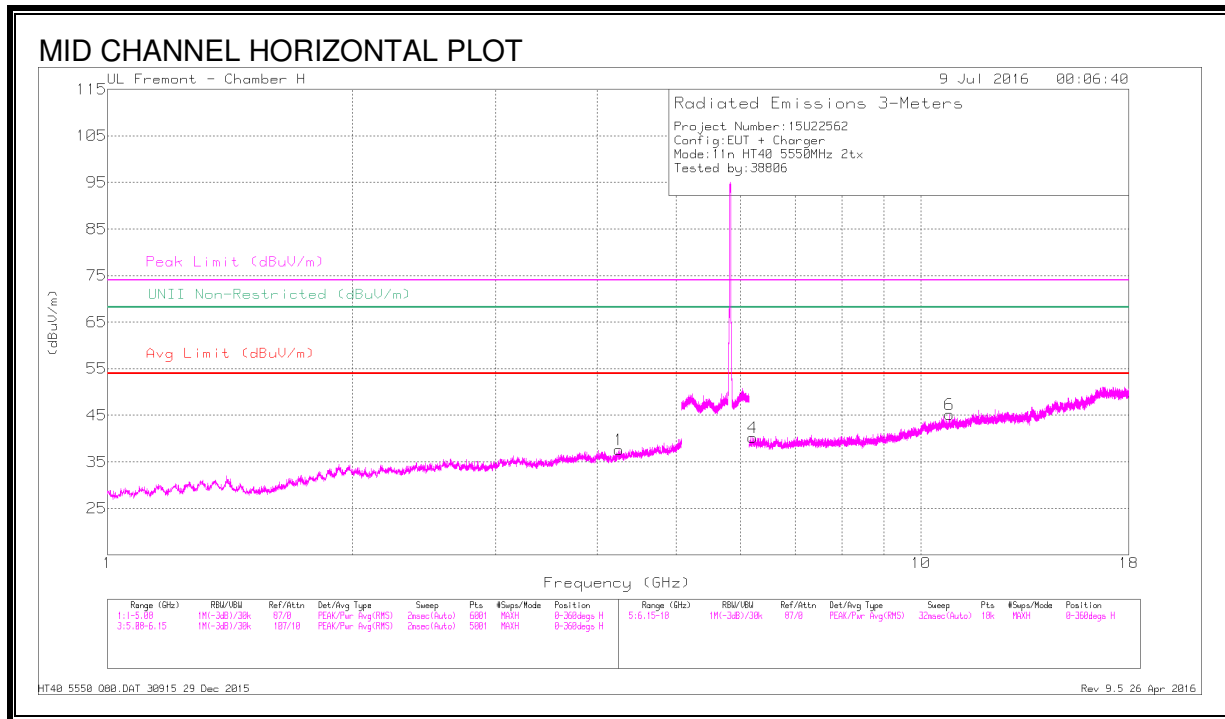
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1	* 3.885	44.25	PK-U	33.3	-30.3	47.25	-	-	74	-26.75	-	-	360	223	H
	* 3.883	33.42	ADR	33.3	-30.2	36.52	54	-17.48	-	-	-	-	360	223	H
2	* 4.661	43.27	PK-U	33.9	-30.1	47.07	-	-	74	-26.93	-	-	334	324	V
	* 4.658	32.78	ADR	33.9	-30.1	36.58	54	-17.42	-	-	-	-	334	324	V
3	* 5.049	45.99	PK-U	34	-28.2	51.79	-	-	74	-22.21	-	-	213	214	V
	* 5.046	34.19	ADR	34	-28.3	39.89	54	-14.11	-	-	-	-	213	214	V
4	6.222	41.04	PK-U	35.6	-28	48.64	-	-	-	-	68.2	-19.56	141	231	H
	6.213	41.56	PK-U	35.6	-28	49.16	-	-	-	-	68.2	-19.04	219	199	V
5	* 10.675	38.74	PK-U	37.9	-23.2	53.44	-	-	74	-20.56	-	-	238	299	V
	* 10.675	27.32	ADR	37.9	-23.3	41.92	54	-12.08	-	-	-	-	238	299	V

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

ADR - U-NII AD primary method, RMS average

ADV - U-NII AD primary method, Linear Voltage Average

MID CHANNEL HARMONICS AND SPURIOUS EMISSIONS

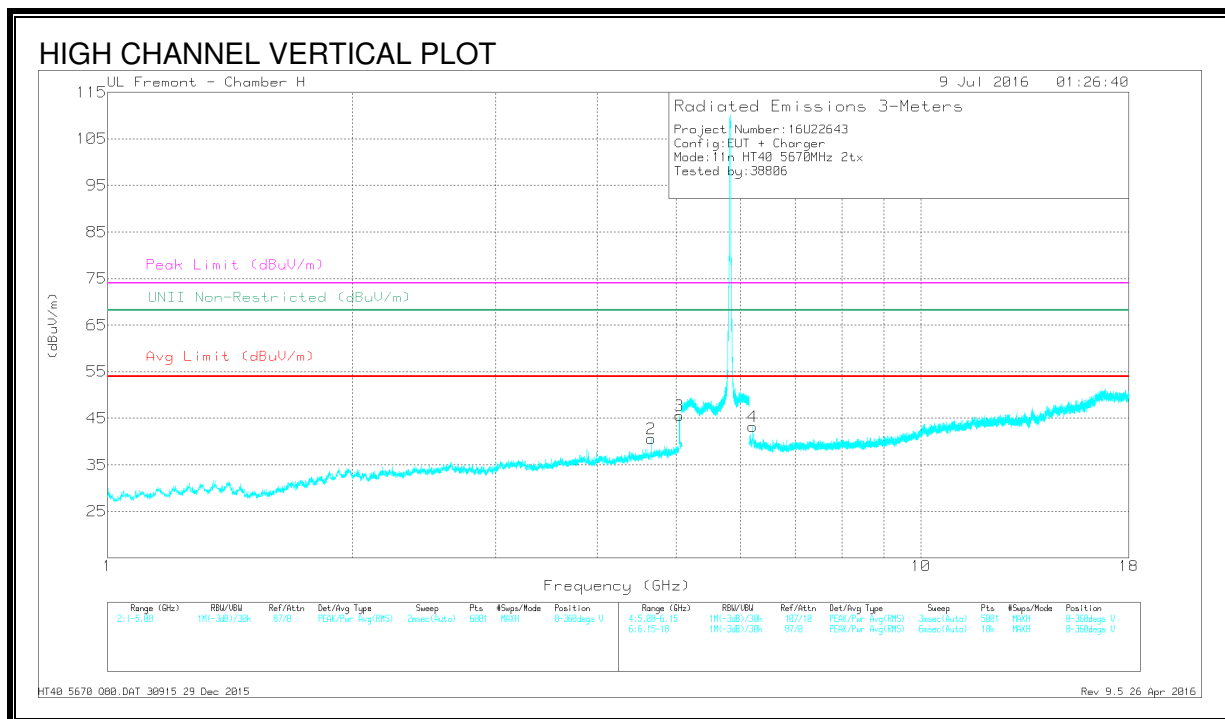
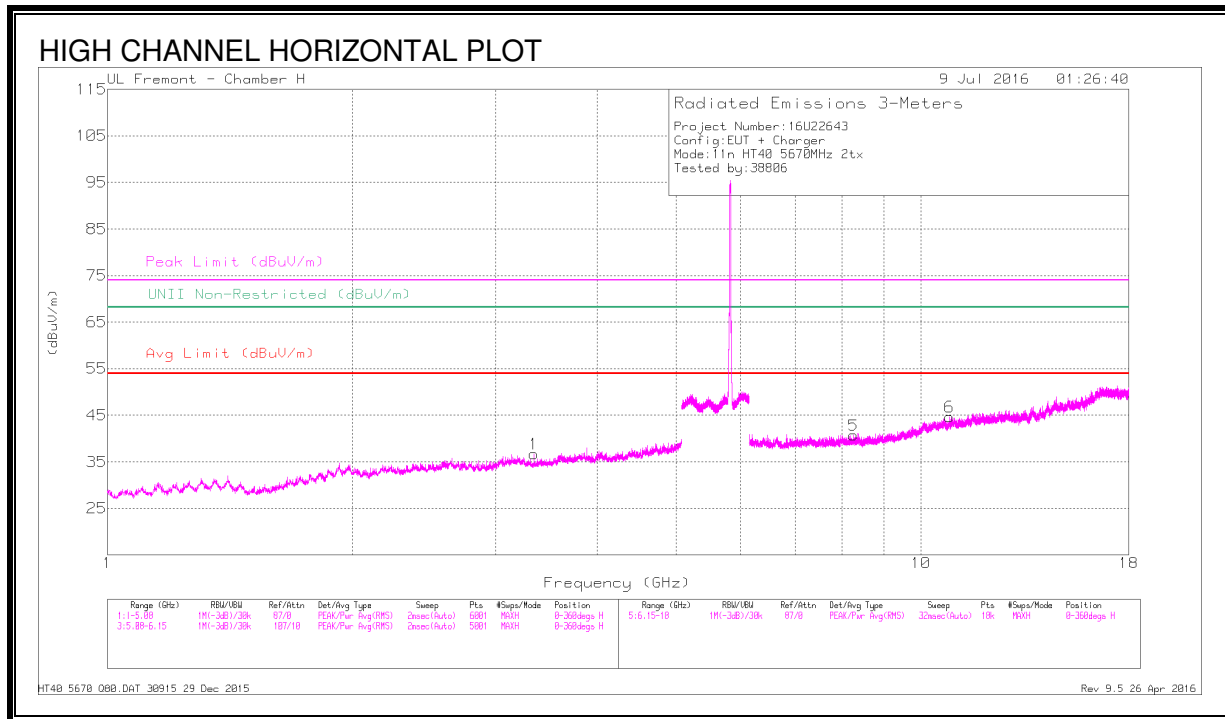


DATA

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	* 4.255	43.67	PK-U	33.3	-29.9	47.07	-	-	74	-26.93	-	-	197	142	H
	* 4.259	32.41	ADR	33.3	-29.9	35.81	54	-18.19	-	-	-	-	197	142	H
2	* 4.659	43.23	PK-U	33.9	-30.1	47.03	-	-	74	-26.97	-	-	283	126	V
	* 4.661	32.34	ADR	33.9	-30.1	36.14	54	-17.86	-	-	-	-	283	126	V
3	* 5.047	45.7	PK-U	34	-28.3	51.4	-	-	74	-22.6	-	-	230	220	V
	* 5.049	33.76	ADR	34	-28.2	39.56	54	-14.44	-	-	-	-	230	220	V
4	6.212	40.98	PK-U	35.6	-28	48.58	-	-	-	-	68.2	-19.62	90	378	H
5	6.212	41.89	PK-U	35.6	-28	49.49	-	-	-	-	68.2	-18.71	287	218	V
6	* 10.834	37.84	PK-U	37.9	-23.8	51.94	-	-	74	-22.06	-	-	284	210	H
	* 10.833	27.12	ADR	37.9	-23.8	41.22	54	-12.78	-	-	-	-	284	210	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ADR - U-NII AD primary method, RMS average
 ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL HARMONICS AND SPURIOUS EMISSIONS

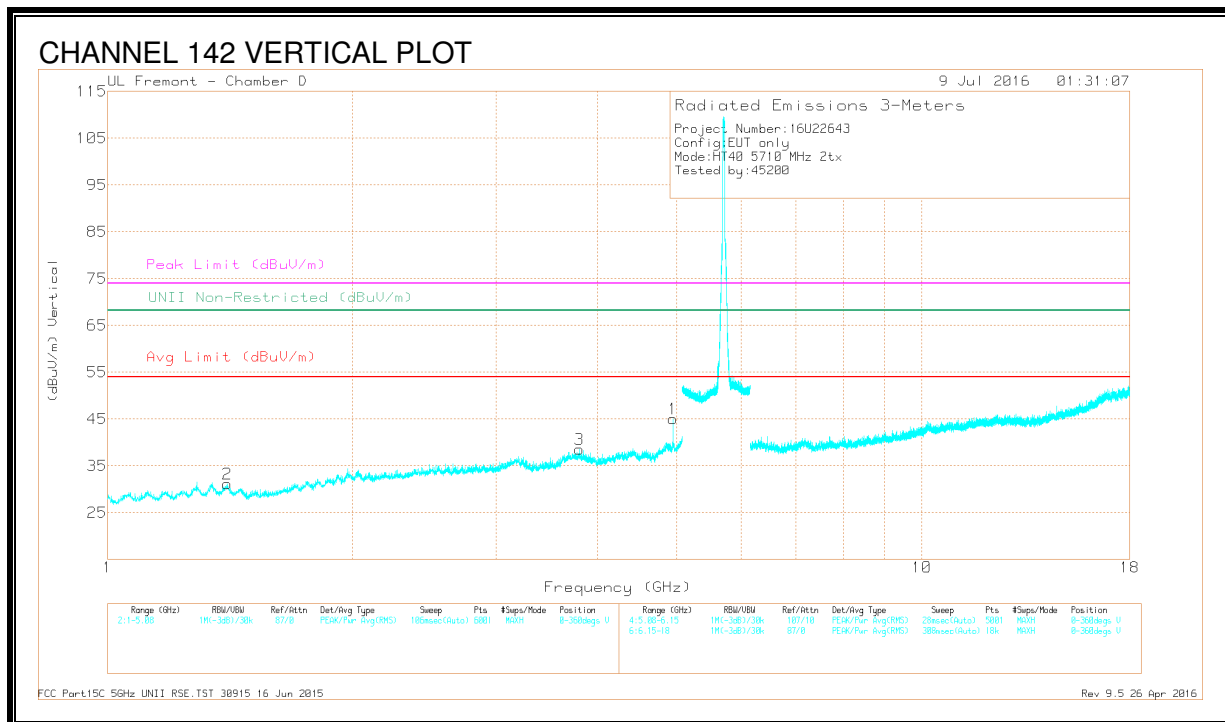
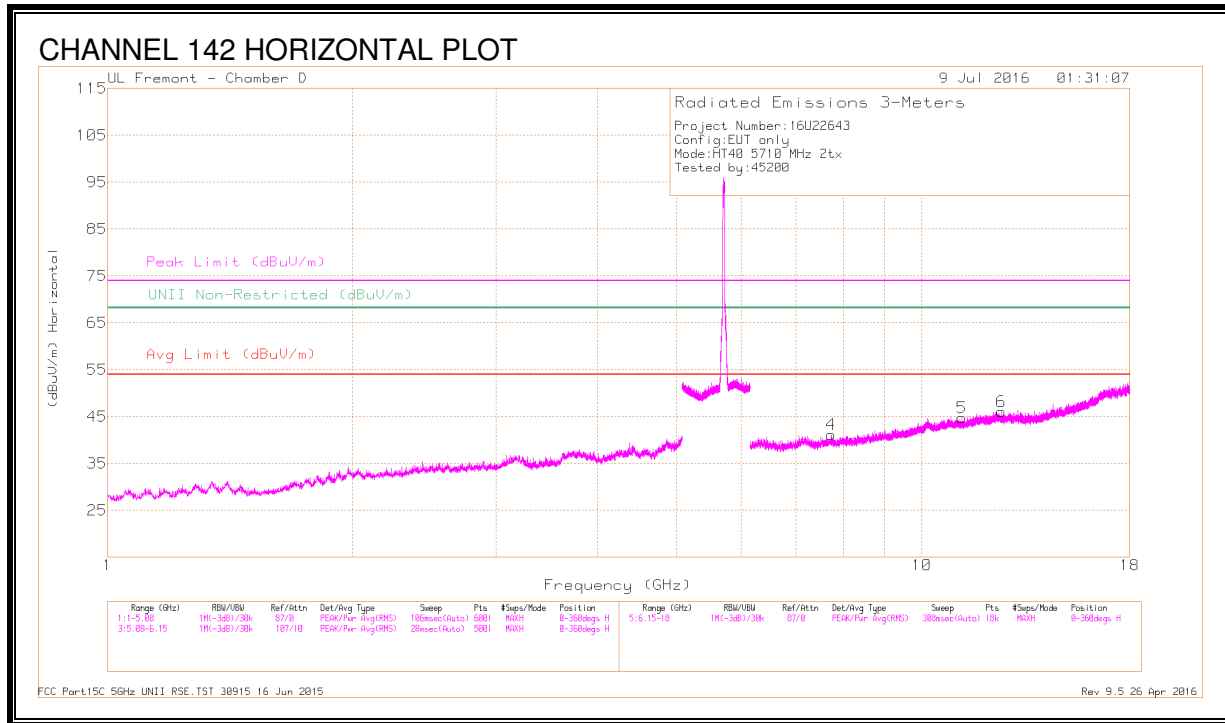


DATA

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	3.34	45.35	PK-U	32.7	-31.4	46.65	-	-	-	-	68.2	-21.55	97	263	H
2	* 4.661	43.11	PK-U	33.9	-30.1	46.91	-	-	74	-27.09	-	-	353	145	V
	* 4.659	32.24	ADR	33.9	-30.1	36.04	54	-17.96	-	-	-	-	353	145	V
3	* 5.05	44.06	PK-U	34	-28.2	49.86	-	-	74	-24.14	-	-	236	329	V
	* 5.046	33.18	ADR	34	-28.3	38.88	54	-15.12	-	-	-	-	236	329	V
4	6.212	40.78	PK-U	35.6	-28	48.38	-	-	-	-	68.2	-19.82	108	305	V
5	* 8.257	38.79	PK-U	35.7	-26.9	47.59	-	-	74	-26.41	-	-	289	110	H
	* 8.254	28.79	ADR	35.7	-26.9	37.59	54	-16.41	-	-	-	-	289	110	H
6	* 10.843	38.07	PK-U	38	-23.9	52.17	-	-	74	-21.83	-	-	208	141	H
	* 10.842	26.89	ADR	38	-23.8	41.09	54	-12.91	-	-	-	-	208	141	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ADR - U-NII AD primary method, RMS average
 ADV - U-NII AD primary method, Linear Voltage Average

9.37. 802.11ac VHT40 2Tx CDD STRADDLE CHANNEL 142 HARMONICS AND SPURIOUS EMISSIONS



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.949	44.07	PK-U	34.1	-26.5	51.67	-	-	74	-22.33	-	-	4	262	V
	* 4.949	39.19	ADR	34.1	-26.5	46.79	54	-7.21	-	-	-	-	4	262	V
2	* 1.402	40.92	PK-U	29	-31.2	38.72	-	-	74	-35.28	-	-	142	163	V
	* 1.404	29.96	ADR	28.9	-31.2	27.66	54	-26.34	-	-	-	-	142	163	V
3	* 3.794	37.9	PK-U	33.6	-28.5	43	-	-	74	-31	-	-	238	292	V
	* 3.792	28.04	ADR	33.5	-28.5	33.04	54	-20.96	-	-	-	-	238	292	V
4	* 7.739	34.99	PK-U	35.8	-24.2	46.59	-	-	74	-27.41	-	-	205	253	H
	* 7.738	25.14	ADR	35.8	-24.2	36.74	54	-17.26	-	-	-	-	205	253	H
5	* 11.188	33.44	PK-U	38.2	-21.1	50.54	-	-	74	-23.46	-	-	71	113	H
	* 11.191	23.44	ADR	38.2	-21.1	40.54	54	-13.46	-	-	-	-	71	113	H
6	* 12.514	33.85	PK-U	39.1	-21.4	51.55	-	-	74	-22.45	-	-	315	302	H
	* 12.516	24.08	ADR	39.1	-21.4	41.78	54	-12.22	-	-	-	-	315	302	H

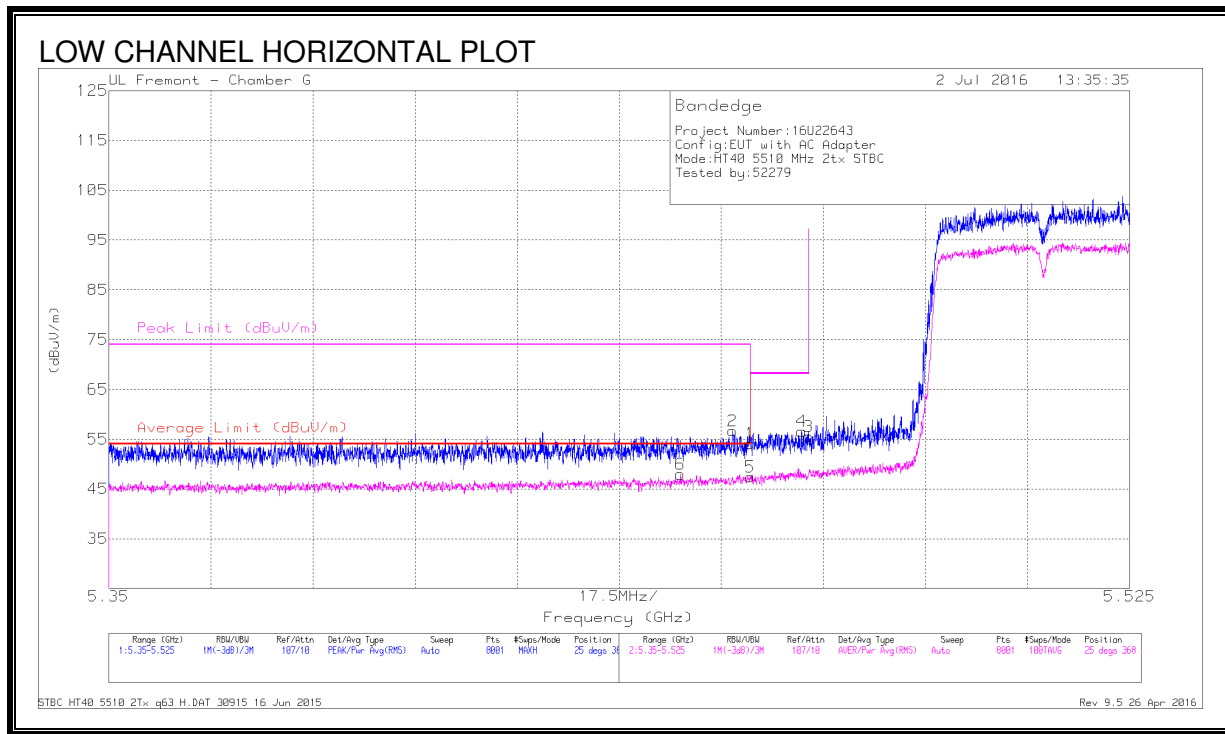
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

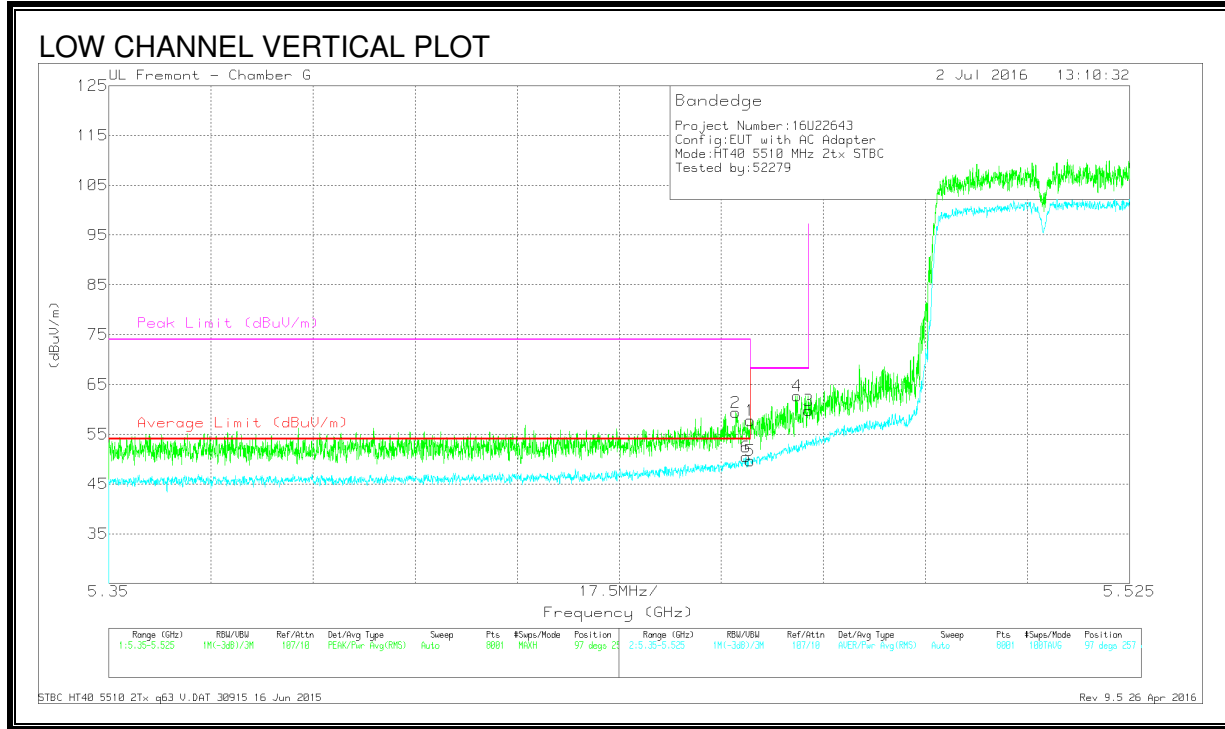
9.38. 802.11n HT40 2Tx STBC MODE IN THE 5.6 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



DATA

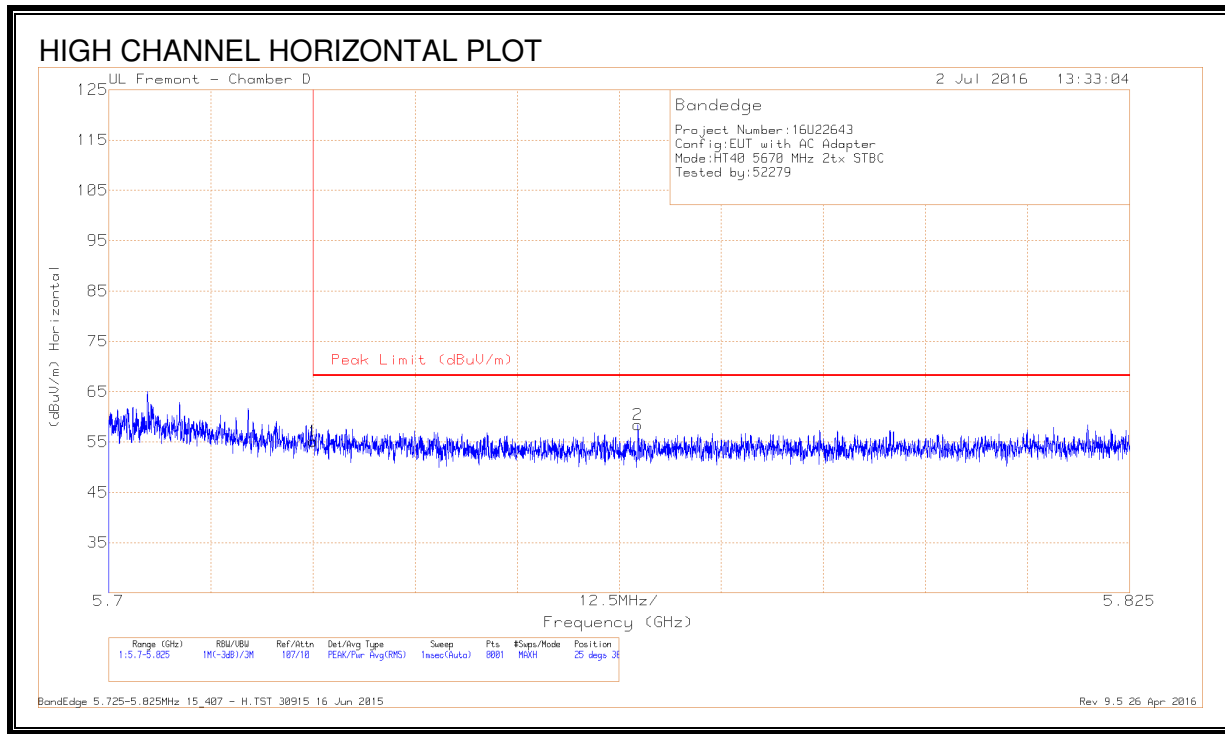
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1	* 5.46	37.55	Pk	34.4	-17.8	54.15	-	-	74	-19.85	25	368	H
2	* 5.457	40.16	Pk	34.4	-17.9	56.66	-	-	74	-17.34	25	368	H
5	* 5.46	30.82	RMS	34.4	-17.8	47.42	54	-6.58	-	-	25	368	H
6	* 5.448	31.46	RMS	34.4	-17.9	47.96	54	-6.04	-	-	25	368	H
4	5.469	40	Pk	34.4	-17.8	56.6	-	-	68.2	-11.6	25	368	H
3	5.47	38.94	Pk	34.4	-17.8	55.54	-	-	68.2	-12.66	25	368	H



DATA

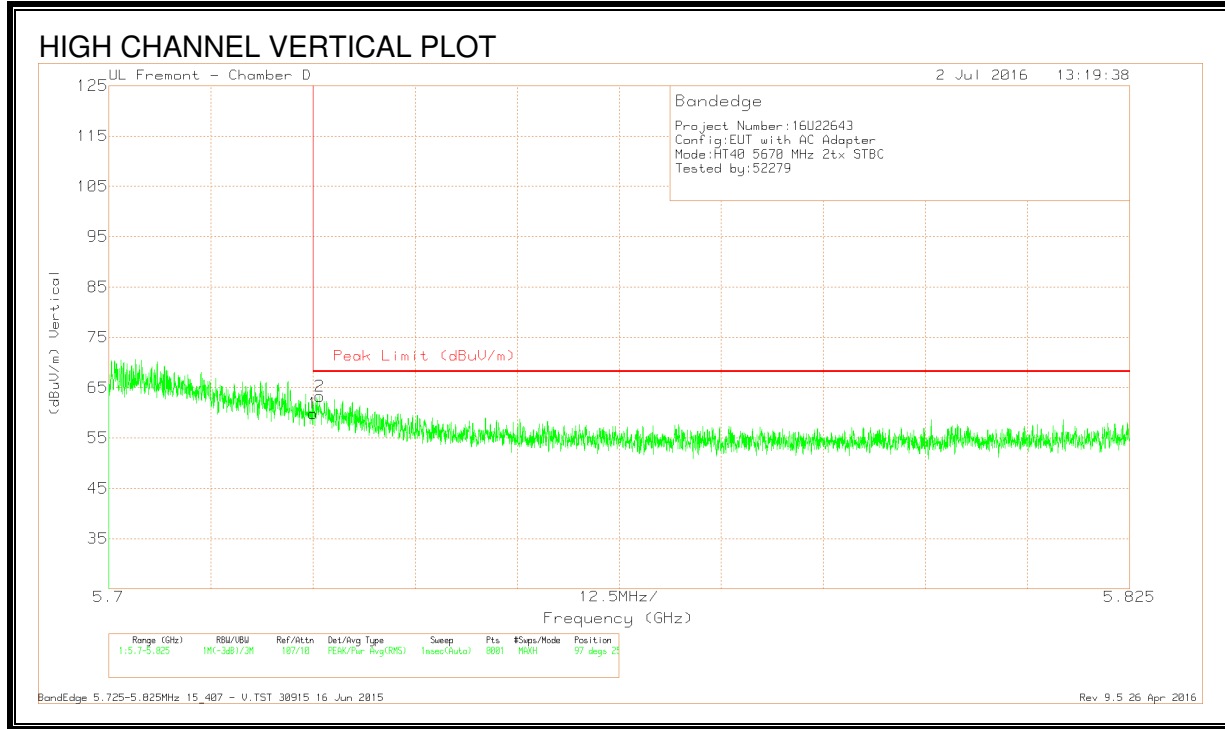
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.13	Pk	34.4	-17.8	57.73	-	-	74	-16.27	97	257	V
2	* 5.457	42.84	Pk	34.4	-17.9	59.34	-	-	74	-14.66	97	257	V
5	* 5.46	33.06	RMS	34.4	-17.8	49.66	54	-4.34	-	-	97	257	V
6	* 5.459	33.84	RMS	34.4	-17.8	50.44	54	-3.56	-	-	97	257	V
4	5.468	46.1	Pk	34.4	-17.8	62.7	-	-	68.2	-5.5	97	257	V
3	5.47	43.16	Pk	34.4	-17.8	59.76	-	-	68.2	-8.44	97	257	V

RESTRICTED BANDEDGE (HIGH CHANNEL)



DATA

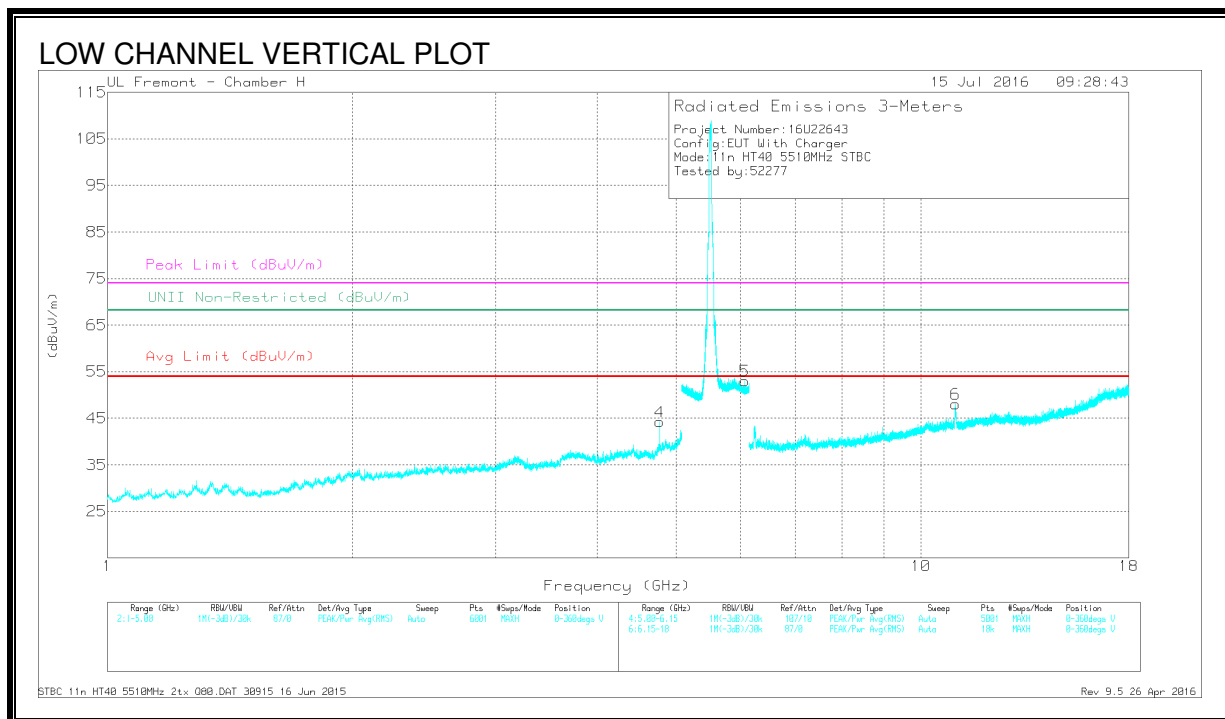
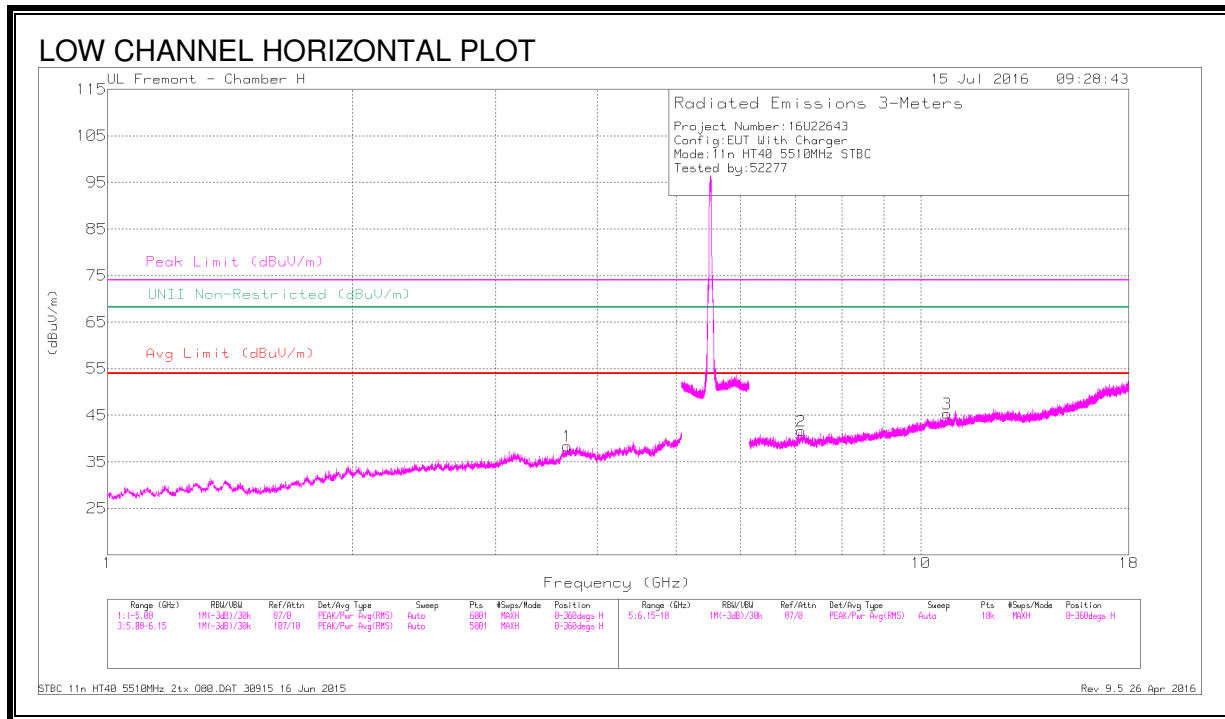
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.64	Pk	34.8	-17.3	55.14	68.2	-13.06	25	368	H
2	5.765	41.04	Pk	34.8	-17.4	58.44	68.2	-9.76	25	368	H



DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.39	Pk	34.8	-17.3	59.89	68.2	-8.31	97	257	V
2	5.726	45.79	Pk	34.8	-17.3	63.29	68.2	-4.91	97	257	V

LOW 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	* 3.677	43.54	PK-U	33.5	-28.9	0	48.14	-	-	74	-25.86	-	-	227	300	H
	* 3.677	33	ADR	33.5	-28.9	0	37.76	54	-16.24	-	-	-	-	227	300	H
4	* 4.775	47.19	PK-U	34	-27.2	0	53.99	-	-	74	-20.01	-	-	214	303	V
	* 4.775	41.38	ADR	34	-27.2	0	48.34	54	-5.66	-	-	-	-	214	303	V
3	* 10.771	37.67	PK-U	37.9	-20.4	0	55.17	-	-	74	-18.83	-	-	340	101	H
	* 10.77	27.49	ADR	37.9	-20.4	0	45.15	54	-8.85	-	-	-	-	340	101	H
6	* 11.022	38.4	PK-U	38	-20.9	0	55.5	-	-	74	-18.5	-	-	285	101	V
	* 11.021	27.11	ADR	38	-20.9	0	44.37	54	-9.63	-	-	-	-	285	101	V
5	6.072	43.78	PK-U	35.3	-17.5	0	61.58	-	-	-	-	68.2	-6.62	254	101	H
2	7.124	40.46	PK-U	35.8	-23.9	0	52.36	-	-	-	-	68.2	-15.84	355	201	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