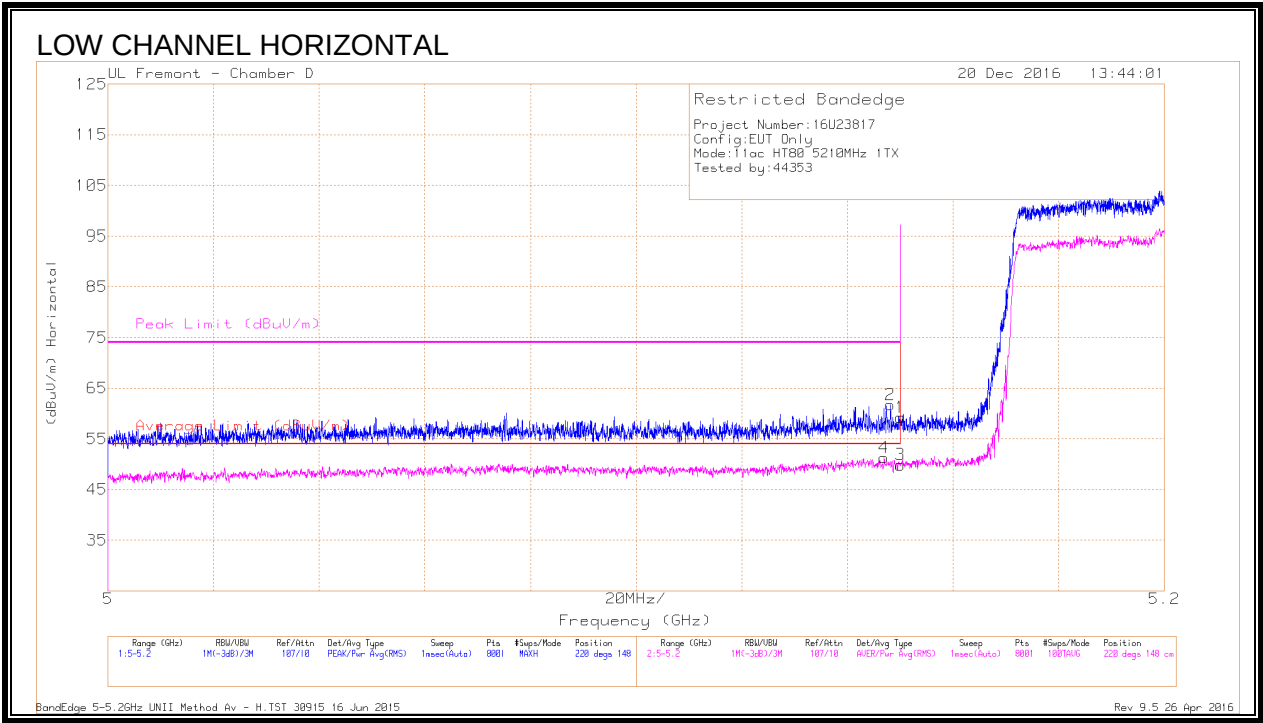


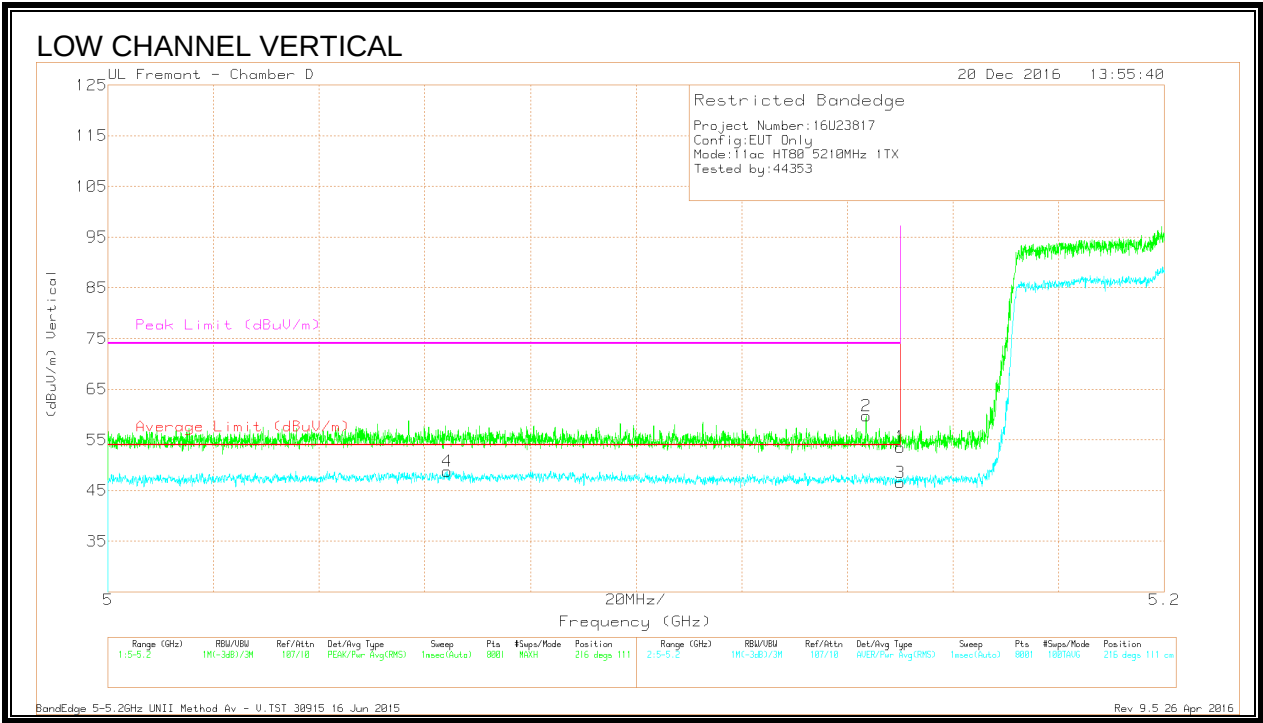
9.2.7. 11ac HT80 ANTENNA A SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	46.06	Pk	34.1	-18.4	0	61.76	-	-	74	-12.24	220	148	H
4	* 5.147	35.35	RMS	34.1	-18.4	.2	51.25	54	-2.75	-	-	220	148	H
1	5.15	43.51	Pk	34.1	-18.4	0	59.21	-	-	74	-14.79	220	148	H
3	5.15	33.96	RMS	34.1	-18.4	.2	49.86	54	-4.14	-	-	220	148	H

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

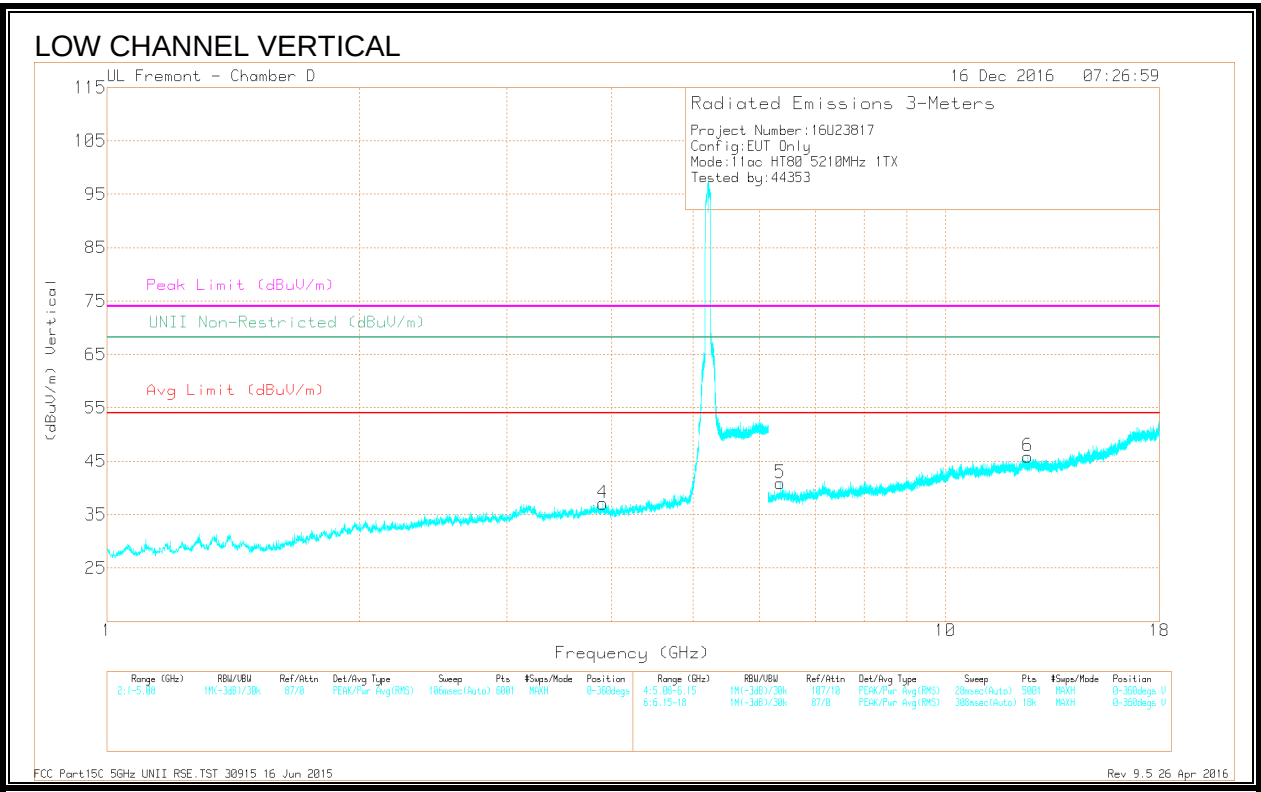
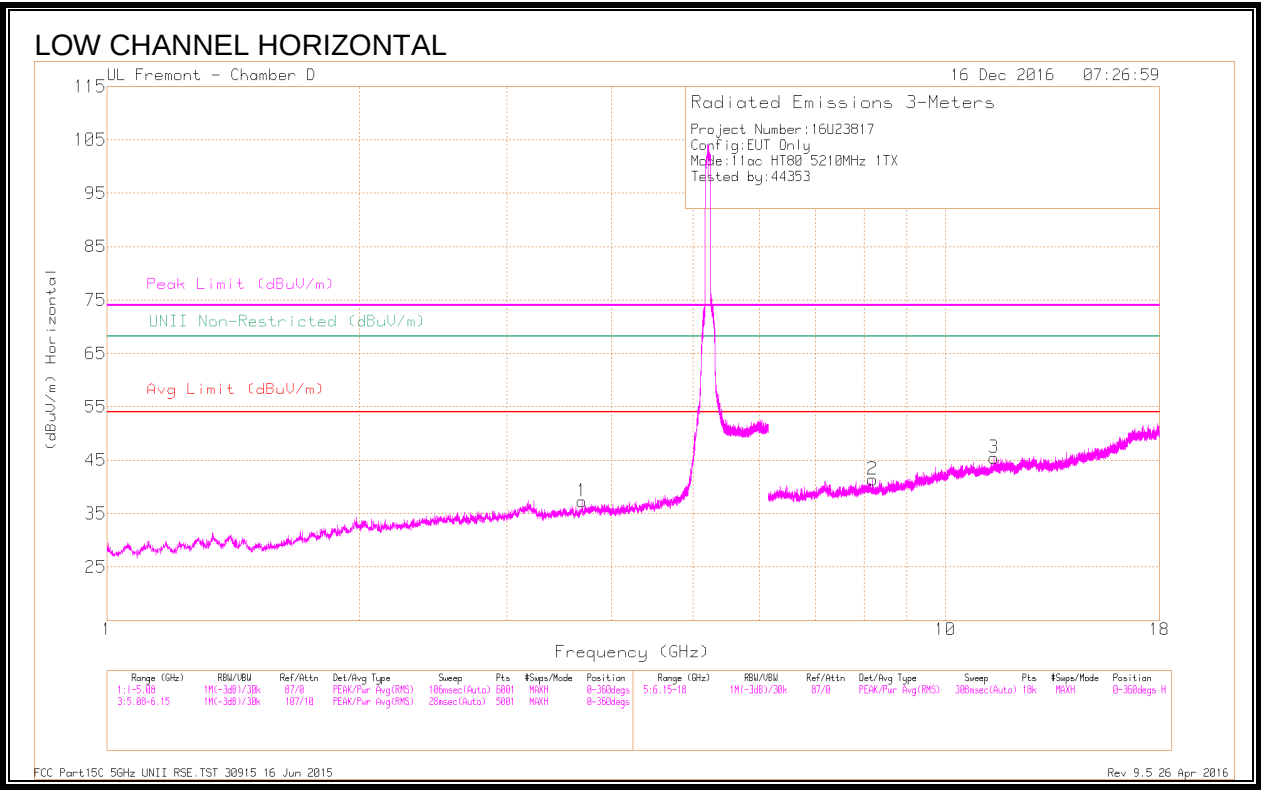


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.144	44.07	Pk	34.1	-18.4	0	59.77	-	-	74	-14.23	216	111	V
4	* 5.064	32.64	RMS	34	-18	.2	48.84	54	-5.16	-	-	216	111	V
1	5.15	37.88	Pk	34.1	-18.4	0	53.58	-	-	74	-20.42	216	111	V
3	5.15	30.71	RMS	34.1	-18.4	-2	46.61	54	-7.39	-	-	216	111	V

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

Pk - Peak detector

RMS - RMS detection



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AP 1712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNR Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.686	38.21	PK-U	33.5	-29	0	42.71	-	-	74	-31.29	-	-	132	283	H
	* 3.685	28.37	ADR	33.5	-29	.2	33.07	54	-20.93	-	-	-	-	132	283	H
2	* 8.186	35.05	PK-U	35.8	-24.2	0	46.65	-	-	74	-27.35	-	-	114	170	H
	* 8.187	25.03	ADR	35.8	-24.2	.2	36.83	54	-17.17	-	-	-	-	114	170	H
3	* 11.431	34.25	PK-U	38.3	-21.3	0	51.25	-	-	74	-22.75	-	-	92	331	H
	* 11.431	24.35	ADR	38.3	-21.3	.2	41.55	54	-12.45	-	-	-	-	92	331	H
4	* 3.902	38.33	PK-U	33.5	-28.9	0	42.93	-	-	74	-31.07	-	-	322	269	V
	* 3.905	28.18	ADR	33.5	-28.8	.2	33.08	54	-20.92	-	-	-	-	322	269	V
5	6.35	36.19	PK-U	35.7	-25.7	0	46.19	-	-	-	-	68.2	-22.01	360	256	V
6	* 12.535	34.76	PK-U	39.1	-21.9	0	51.96	-	-	74	-22.04	-	-	205	137	V
	* 12.533	24.3	ADR	39.1	-21.9	.2	41.7	54	-12.3	-	-	-	-	205	137	V

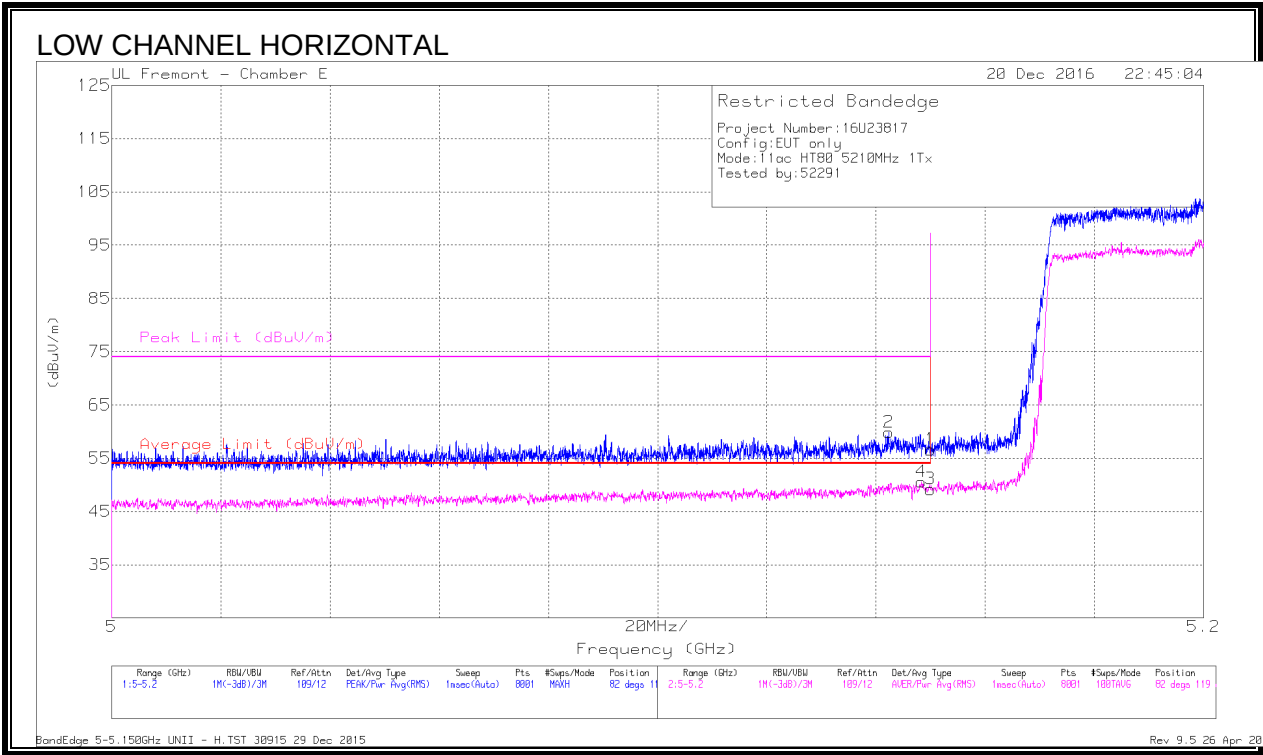
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.8. 11ac HT80 ANTENNA B SISO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

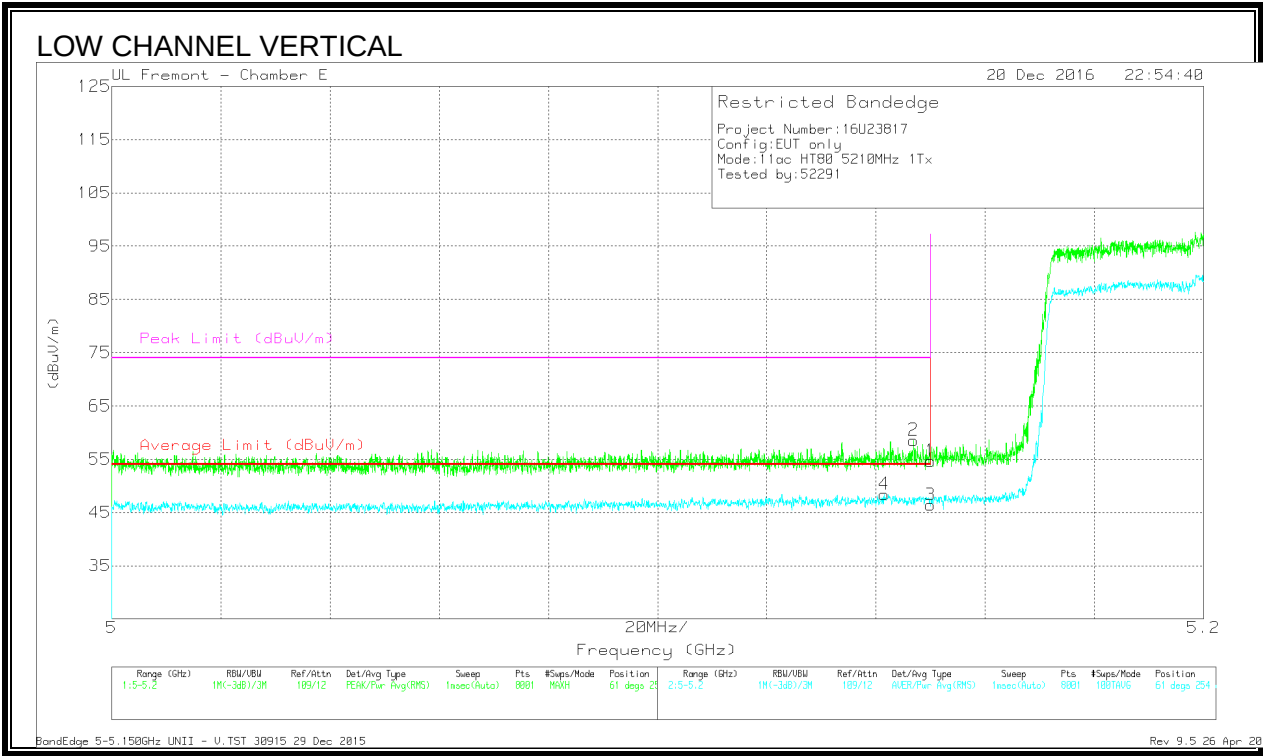


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.142	44.54	Pk	34.1	-18.8	0	59.84	-	-	74	-14.16	82	119	H
4	* 5.148	35.26	RMS	34.1	-18.8	.2	50.76	54	-3.24	-	-	82	119	H
1	5.15	41.33	Pk	34.1	-18.8	0	56.63	-	-	74	-17.37	82	119	H
3	5.15	33.88	RMS	34.1	-18.8	.2	49.38	54	-4.62	-	-	82	119	H

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

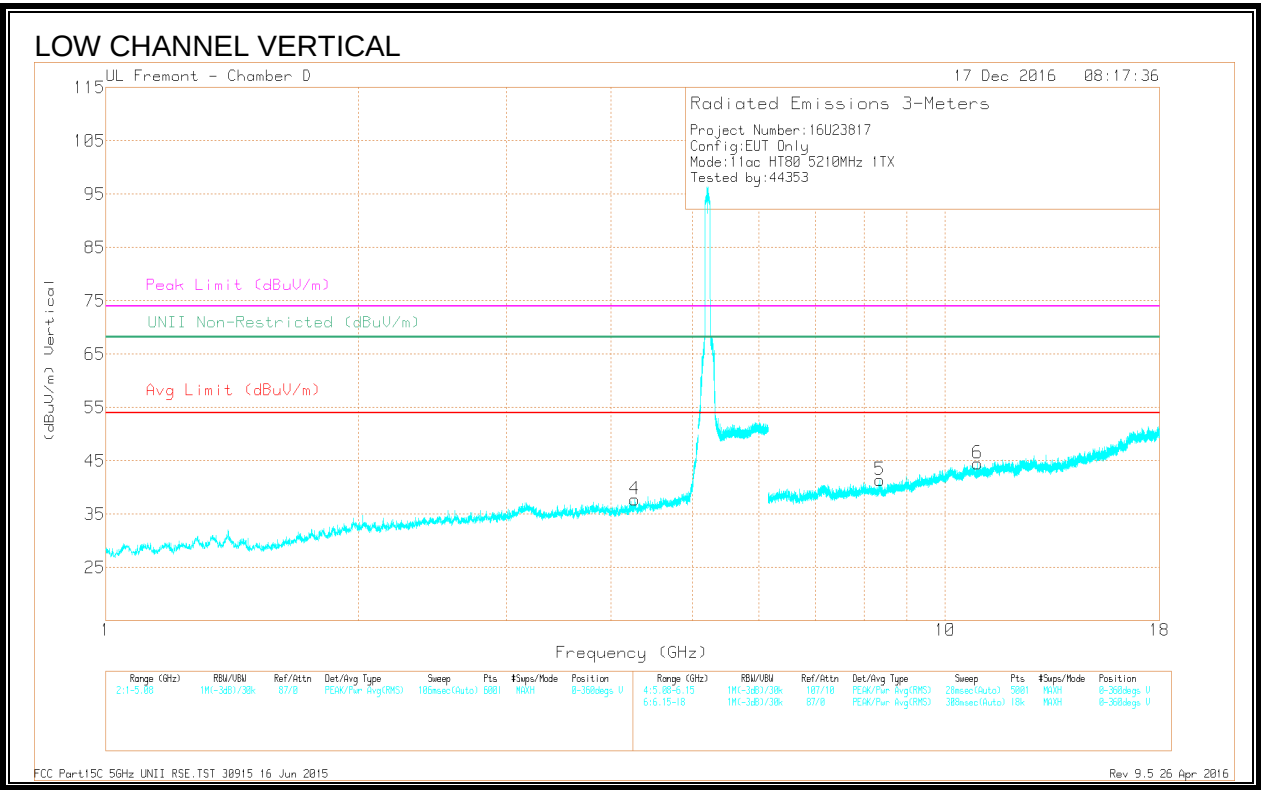
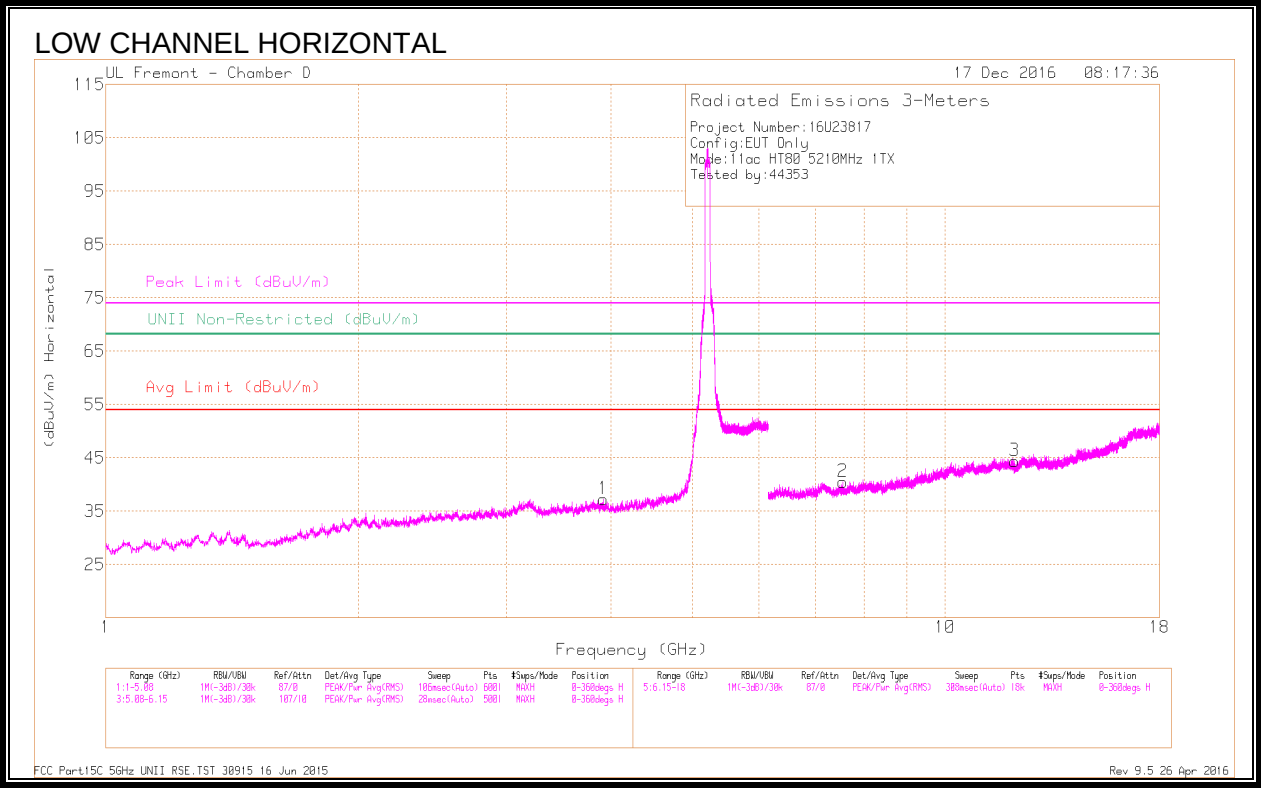
Pk - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.147	43.24	Pk	34.1	-18.8	0	58.54	-	-	74	-15.46	61	254	V
4	* 5.142	33.1	RMS	34.1	-18.8	.2	48.6	54	-5.4	-	-	61	254	V
1	5.15	39.37	Pk	34.1	-18.8	0	54.67	-	-	74	-19.33	61	254	V
3	5.15	31.13	RMS	34.1	-18.8	.2	46.63	54	-7.37	-	-	61	254	V

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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fbr/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	* 3.918	38.46	PK-U	33.5	-28.6	0	43.36	-	-	74	-30.64	-	-	338	295	H
	* 3.916	28.02	ADR	33.5	-28.6	.2	33.12	54	-20.88	-	-	-	-	338	295	H
2	* 7.545	35	PK-U	35.7	-24.6	0	46.1	-	-	74	-27.9	-	-	122	244	H
	* 7.547	25.21	ADR	35.7	-24.7	.2	36.41	54	-17.59	-	-	-	-	122	244	H
3	* 12.1	33.75	PK-U	39	-21.6	0	51.15	-	-	74	-22.85	-	-	261	178	H
	* 12.098	23.85	ADR	39	-21.7	.2	41.35	54	-12.65	-	-	-	-	261	178	H
4	* 4.264	37.02	PK-U	33.5	-27.6	0	42.92	-	-	74	-31.08	-	-	81	139	V
	* 4.264	27.33	ADR	33.5	-27.6	.2	33.43	54	-20.57	-	-	-	-	81	139	V
5	* 8.36	35.08	PK-U	35.8	-23.5	0	47.38	-	-	74	-26.62	-	-	107	324	V
	* 8.361	24.9	ADR	35.8	-23.5	.2	37.4	54	-16.6	-	-	-	-	107	324	V
6	* 10.929	34.41	PK-U	38	-21.2	0	51.21	-	-	74	-22.79	-	-	232	159	V
	* 10.927	23.42	ADR	38	-21.2	.2	40.42	54	-13.58	-	-	-	-	232	159	V

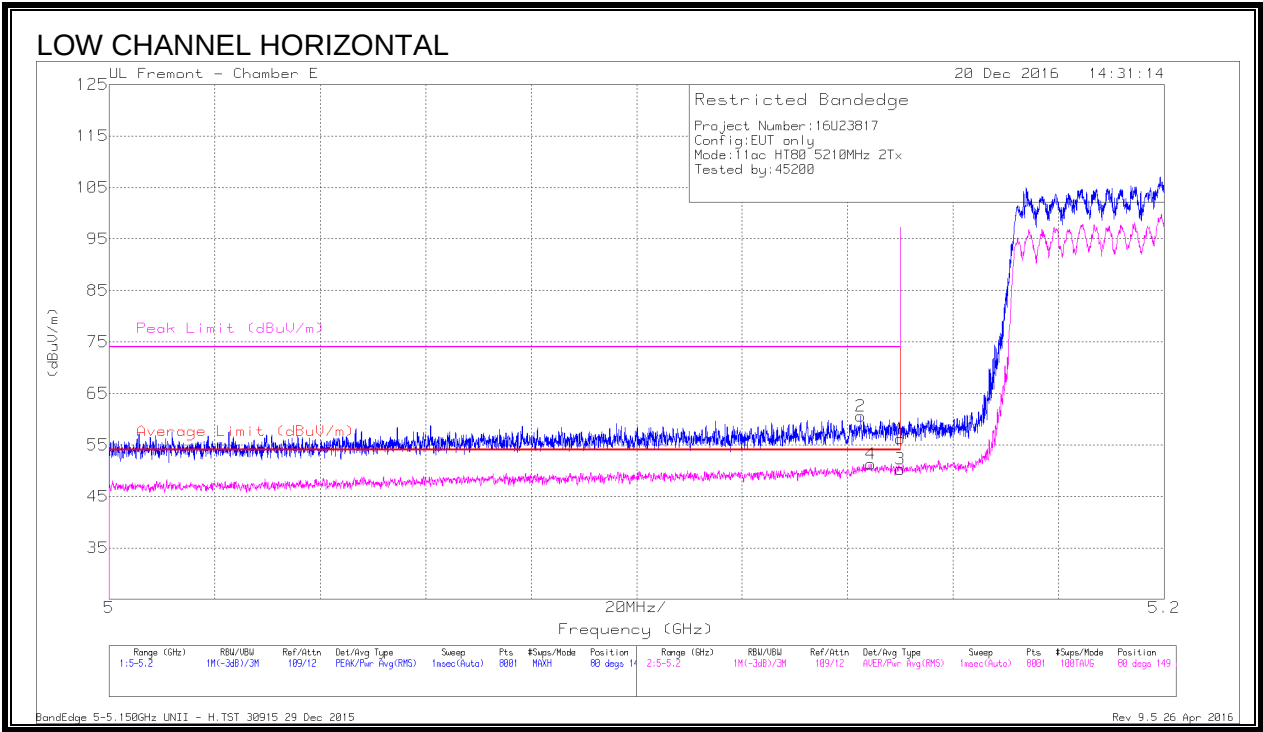
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

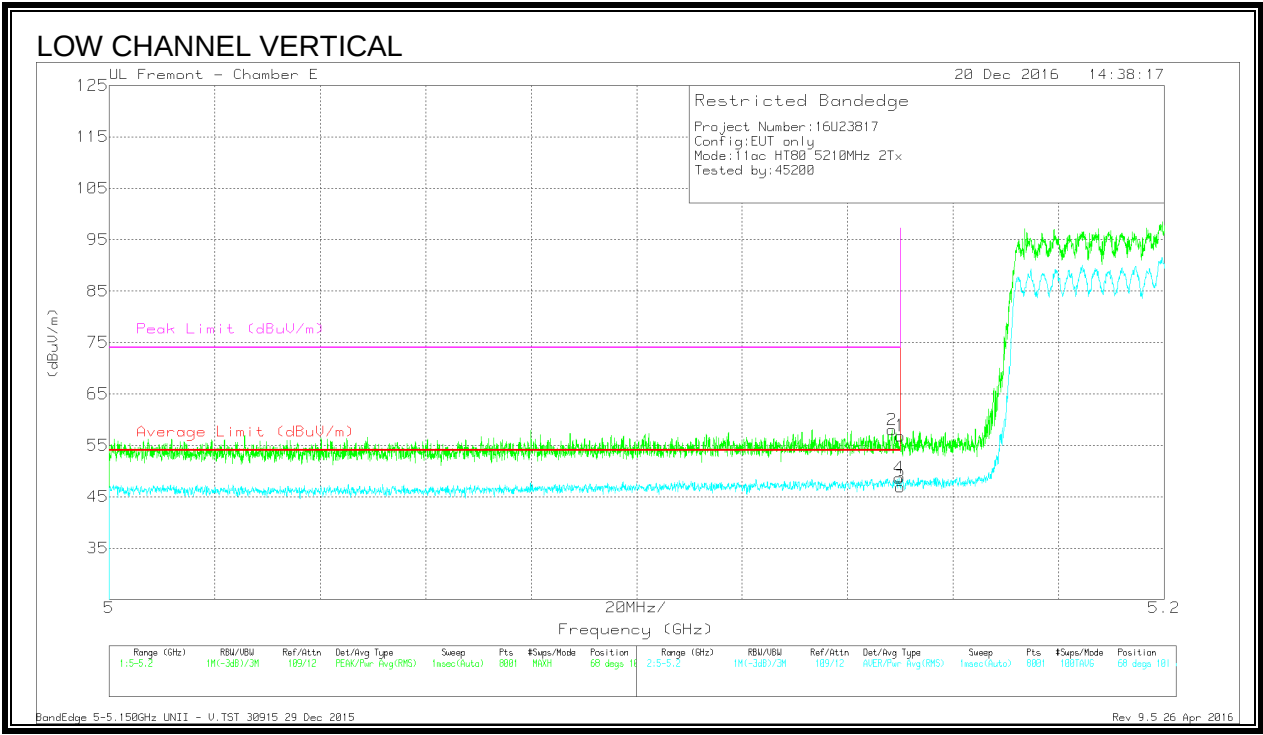
9.2.9. 11ac HT80 2TX CDD MIMO MODE IN THE 5.2GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 5.142	45.26	Pk	34.1	-18.8	0	60.56	-	-	74	-13.44	80	149	H
4	* 5.144	35.8	RMS	34.1	-18.8	.2	51.3	54	-2.7	-	-	80	149	H
1	5.15	40.91	Pk	34.1	-18.8	0	56.21	-	-	74	-17.79	80	149	H
3	5.15	34.79	RMS	34.1	-18.8	.2	50.29	54	-3.71	-	-	80	149	H

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

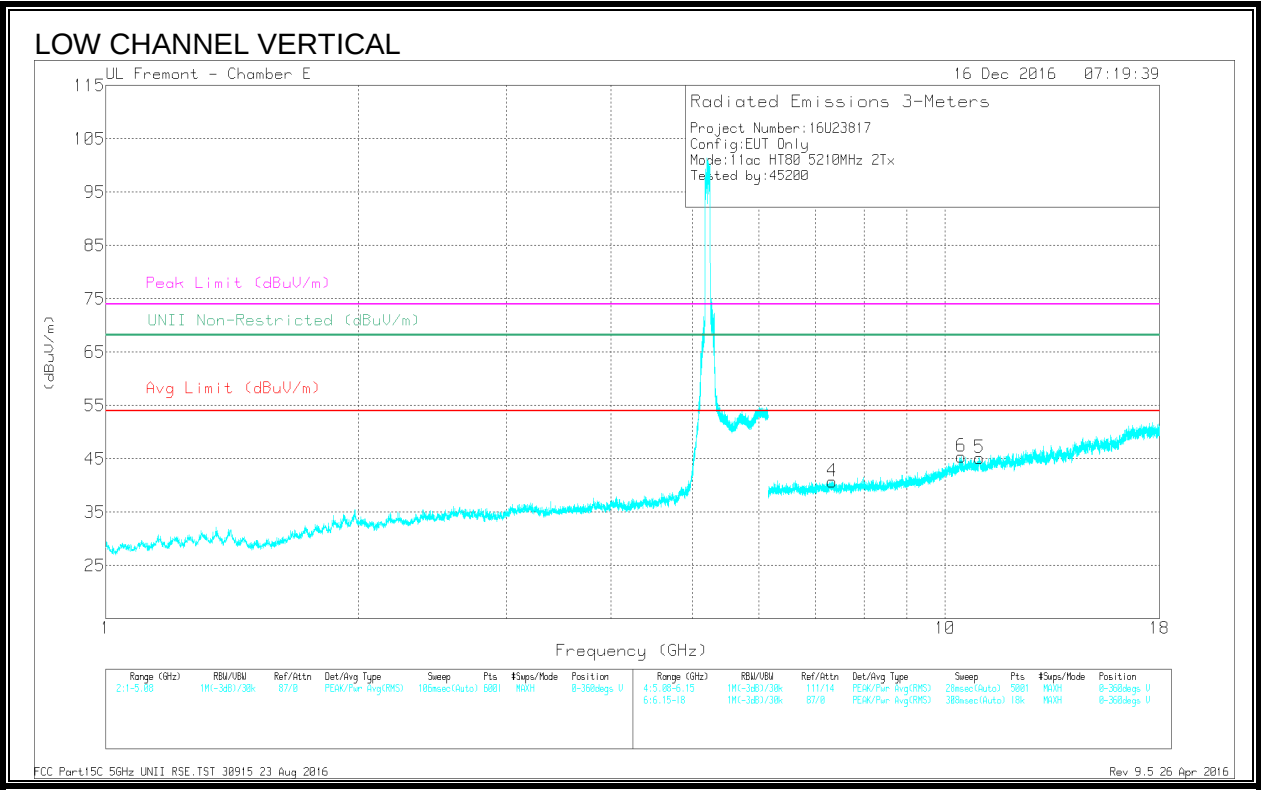
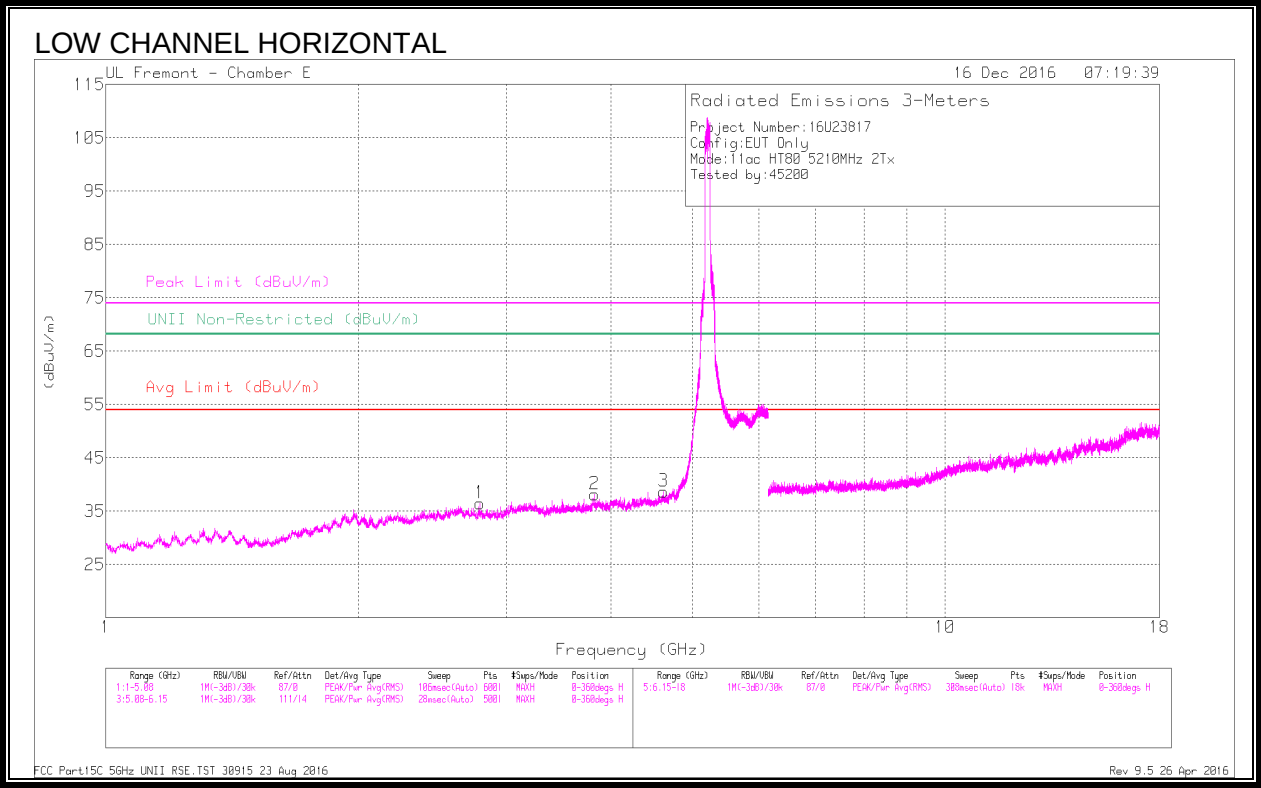


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 5.148	42.73	Pk	34.1	-18.8	0	58.03	-	-	74	-15.97	68	101	V
4	* 5.15	33.15	RMS	34.1	-18.8	.2	48.65	54	-5.35	-	-	68	101	V
1	5.15	41.53	Pk	34.1	-18.8	0	56.83	-	-	74	-17.17	68	101	V
3	5.15	31.42	RMS	34.1	-18.8	.2	46.92	54	-7.08	-	-	68	101	V

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

Pk - Peak detector

RMS - RMS detection



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.792	42.01	PK-U	32.4	-31.9	0	42.51	-	-	74	-31.49	-	-	64	161	H
	* 2.793	30.8	ADR	32.4	-31.9	.2	31.5	54	-22.5	-	-	-	-	64	161	H
2	* 3.821	40.57	PK-U	33.1	-29.6	0	44.07	-	-	74	-29.93	-	-	332	359	H
	* 3.822	29.26	ADR	33.1	-29.6	.2	32.96	54	-21.04	-	-	-	-	332	359	H
3	* 4.617	40.36	PK-U	33.9	-29.5	0	44.76	-	-	74	-29.24	-	-	318	235	H
	* 4.617	29.53	ADR	33.9	-29.5	.2	34.13	54	-19.87	-	-	-	-	318	235	H
4	* 7.33	37.43	PK-U	35.6	-26.5	0	46.53	-	-	74	-27.47	-	-	137	183	V
	* 7.331	27.29	ADR	35.6	-26.6	.2	36.49	54	-17.51	-	-	-	-	137	183	V
5	* 10.989	36.14	PK-U	38	-22.1	0	52.04	-	-	74	-21.96	-	-	110	291	V
	* 10.99	25.46	ADR	38	-22.2	.2	41.46	54	-12.54	-	-	-	-	110	291	V
6	10.448	38.34	PK-U	37.8	-23.8	0	52.34	-	-	-	-	68.2	-15.86	280	105	V

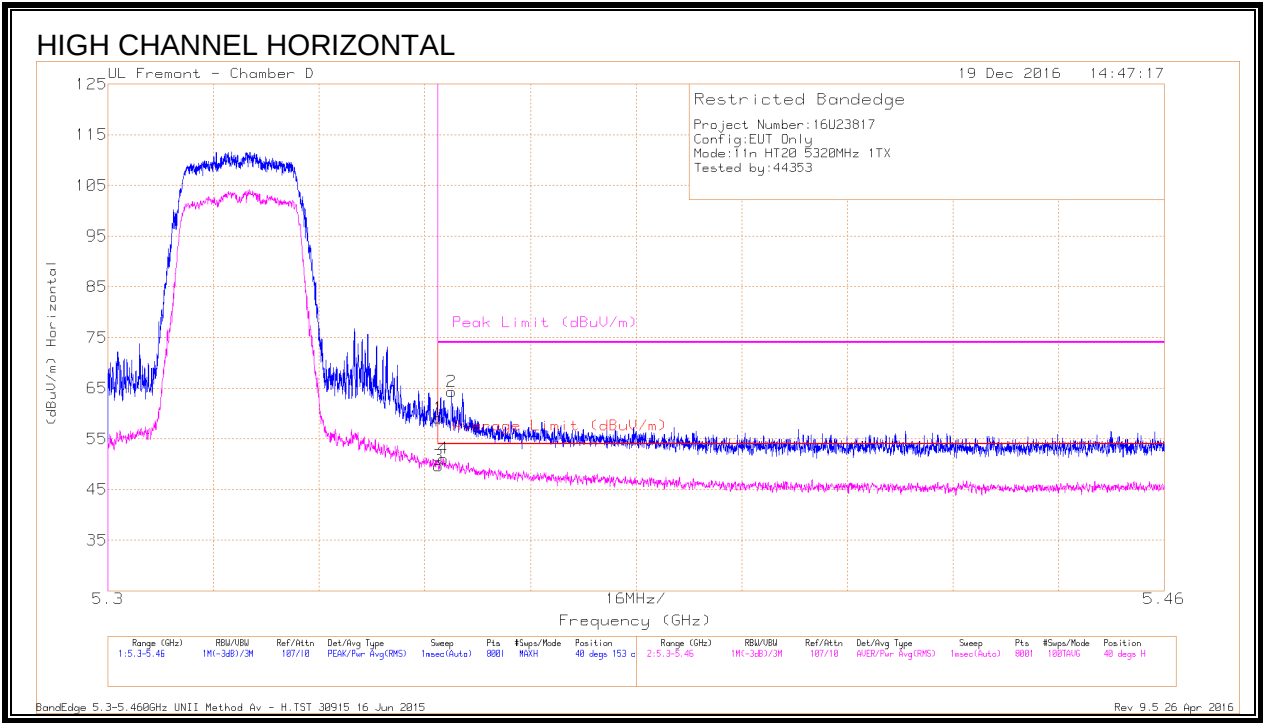
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

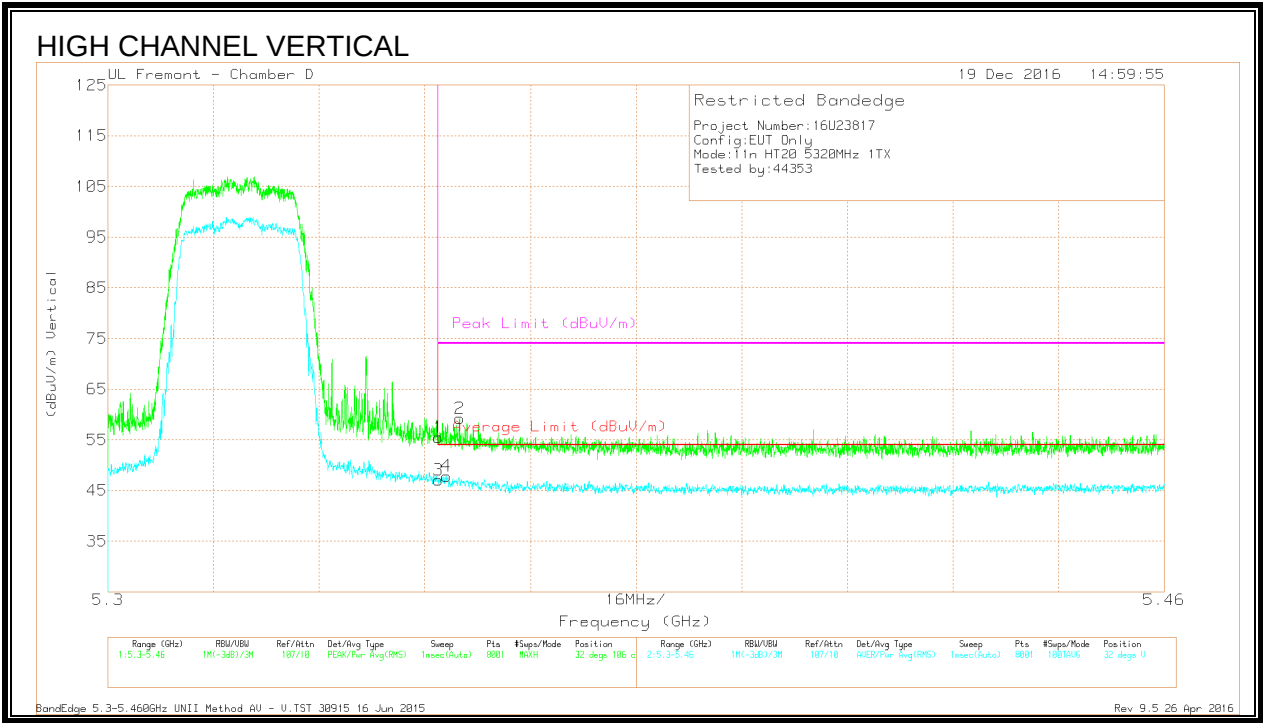
9.2.10. 11n HT20 ANTENNA A SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.23	Pk	34.3	-18.4	59.13	-	-	74	-14.87	40	153	H
2	* 5.352	48.44	Pk	34.3	-18.4	64.34	-	-	74	-9.66	40	153	H
3	* 5.35	33.75	RMS	34.3	-18.4	49.65	54	-4.35	-	-	40	153	H
4	* 5.351	35.2	RMS	34.3	-18.4	51.1	54	-2.9	-	-	40	153	H

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

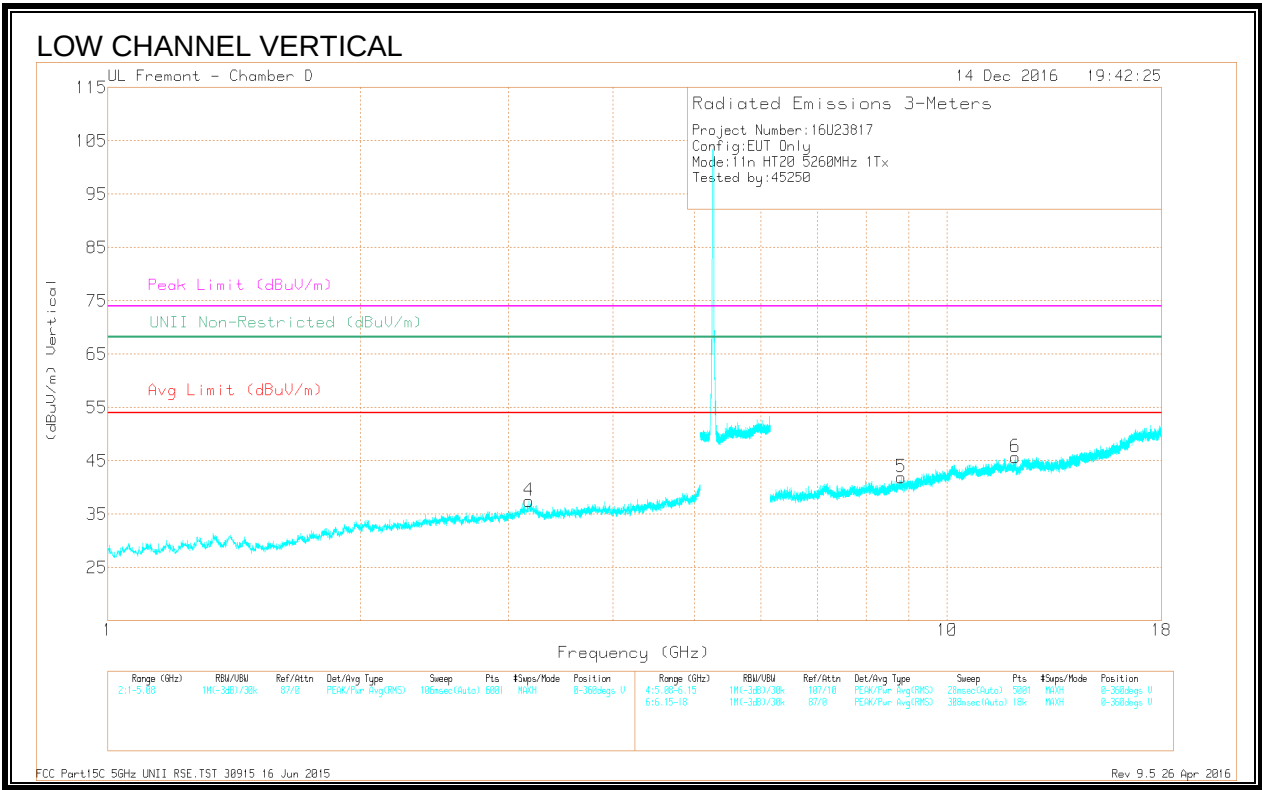
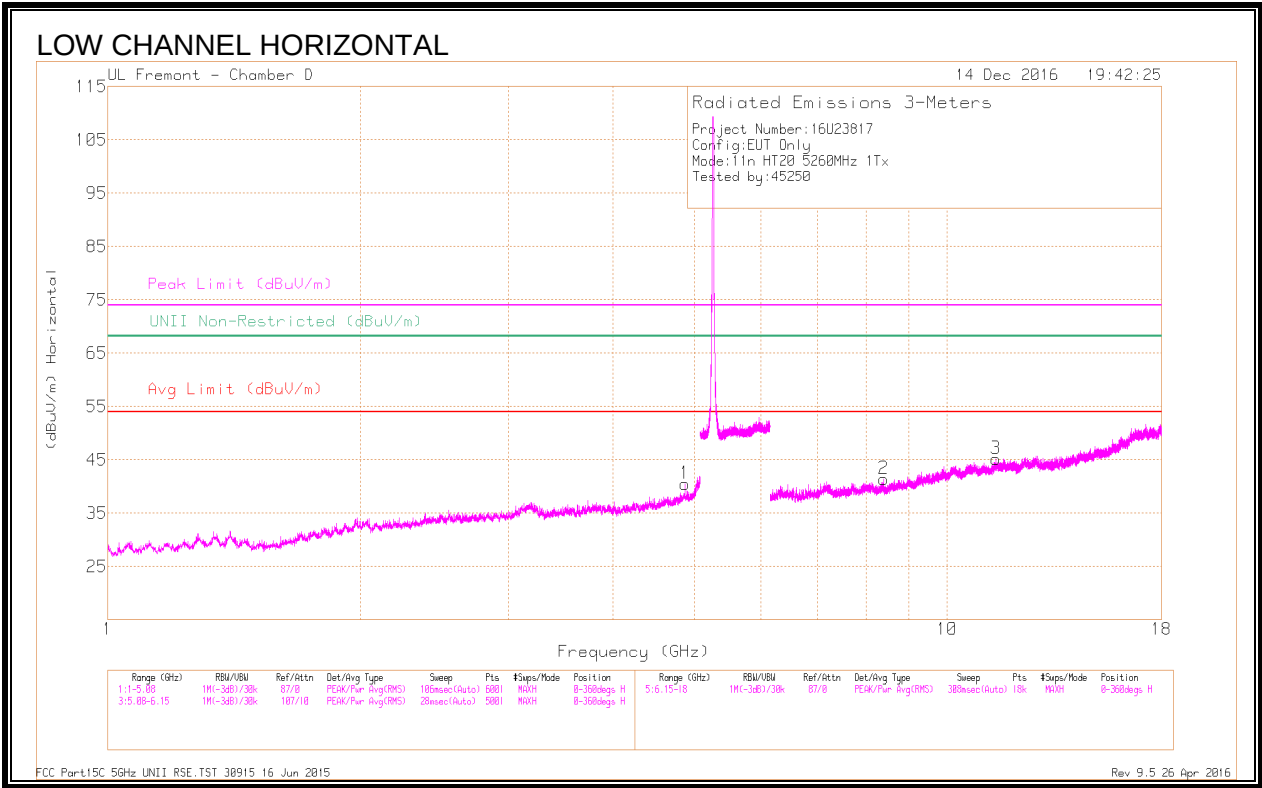


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.57	Pk	34.3	-18.4	55.47	-	-	74	-18.53	32	106	V
2	* 5.353	43.36	Pk	34.3	-18.4	59.26	-	-	74	-14.74	32	106	V
3	* 5.35	31.12	RMS	34.3	-18.4	47.02	54	-6.98	-	-	32	106	V
4	* 5.351	31.97	RMS	34.3	-18.4	47.87	54	-6.13	-	-	32	106	V

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

Pk - Peak detector

RMS - RMS detection



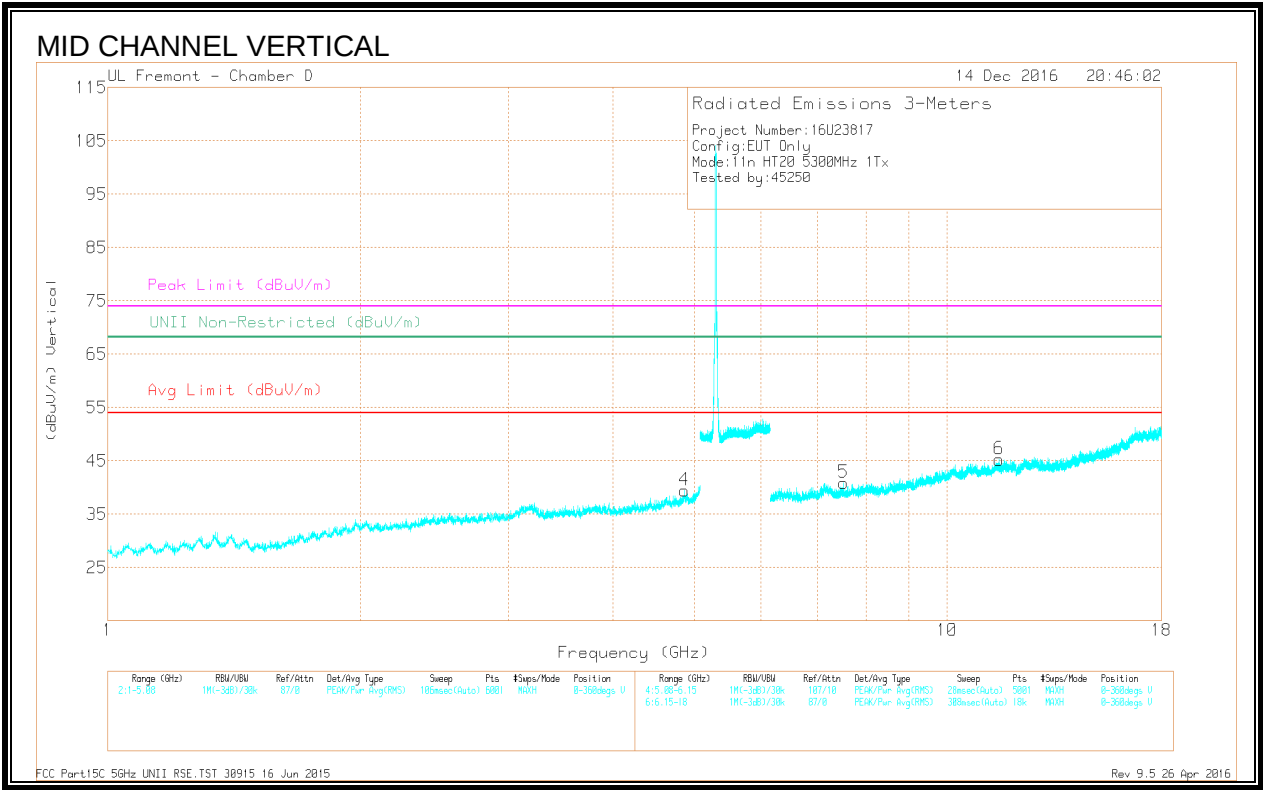
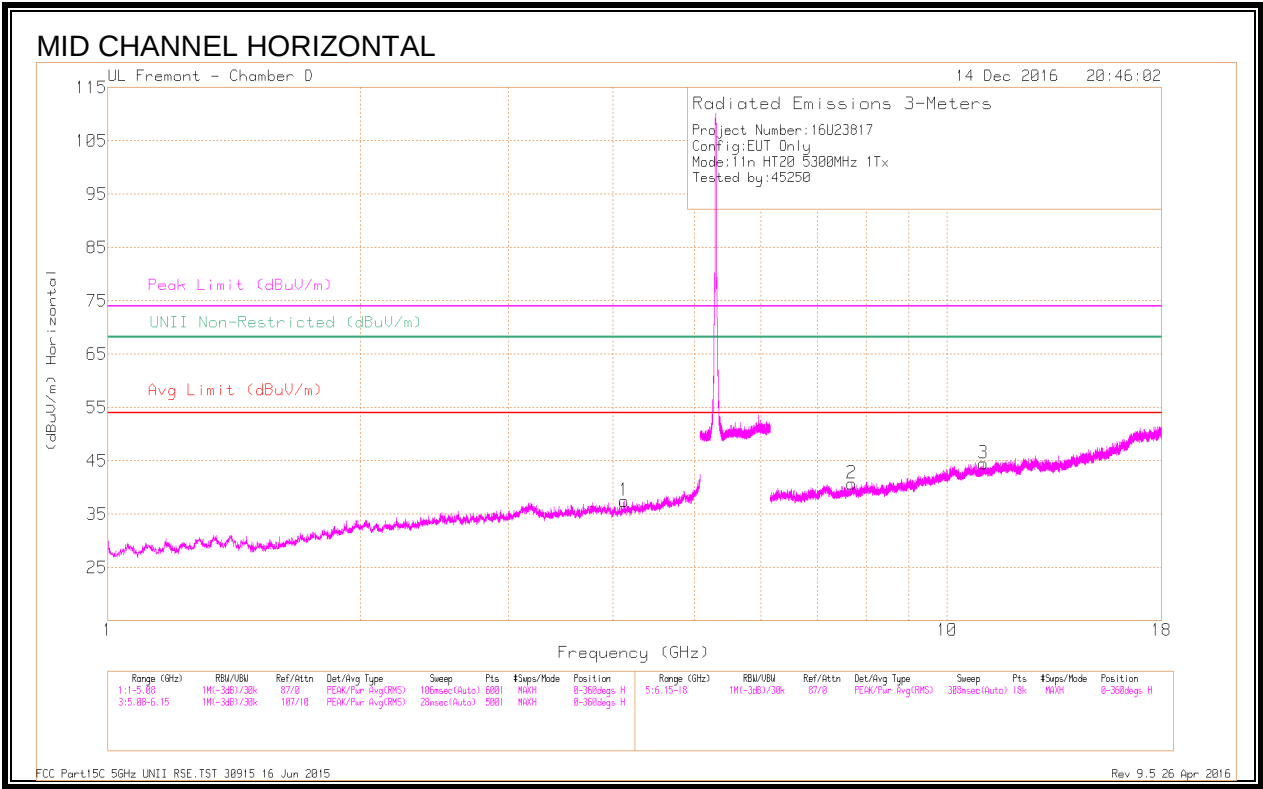
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.867	36.85	PK-U	34.1	-25.3	45.65	-	-	74	-28.35	-	-	24	142	H
	* 4.867	25.7	ADR	34.1	-25.3	34.5	54	-19.5	-	-	-	-	24	142	H
2	* 8.4	35.78	PK-U	35.8	-23.5	48.08	-	-	74	-25.92	-	-	159	268	H
	* 8.398	24.35	ADR	35.8	-23.6	36.55	54	-17.45	-	-	-	-	159	268	H
3	* 11.433	34.62	PK-U	38.3	-21.2	51.72	-	-	74	-22.28	-	-	168	250	H
	* 11.434	24.52	ADR	38.3	-21.2	41.62	54	-12.38	-	-	-	-	168	250	H
4	3.177	39.25	PK-U	33.8	-28.9	44.15	-	-	-	-	68.2	-24.05	275	295	V
5	8.816	34.86	PK-U	36	-22.7	48.16	-	-	-	-	68.2	-20.04	354	361	V
6	* 12.045	33.49	PK-U	38.9	-21.6	50.79	-	-	74	-23.21	-	-	259	190	V
	* 12.047	24.11	ADR	38.9	-21.7	41.31	54	-12.69	-	-	-	-	259	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



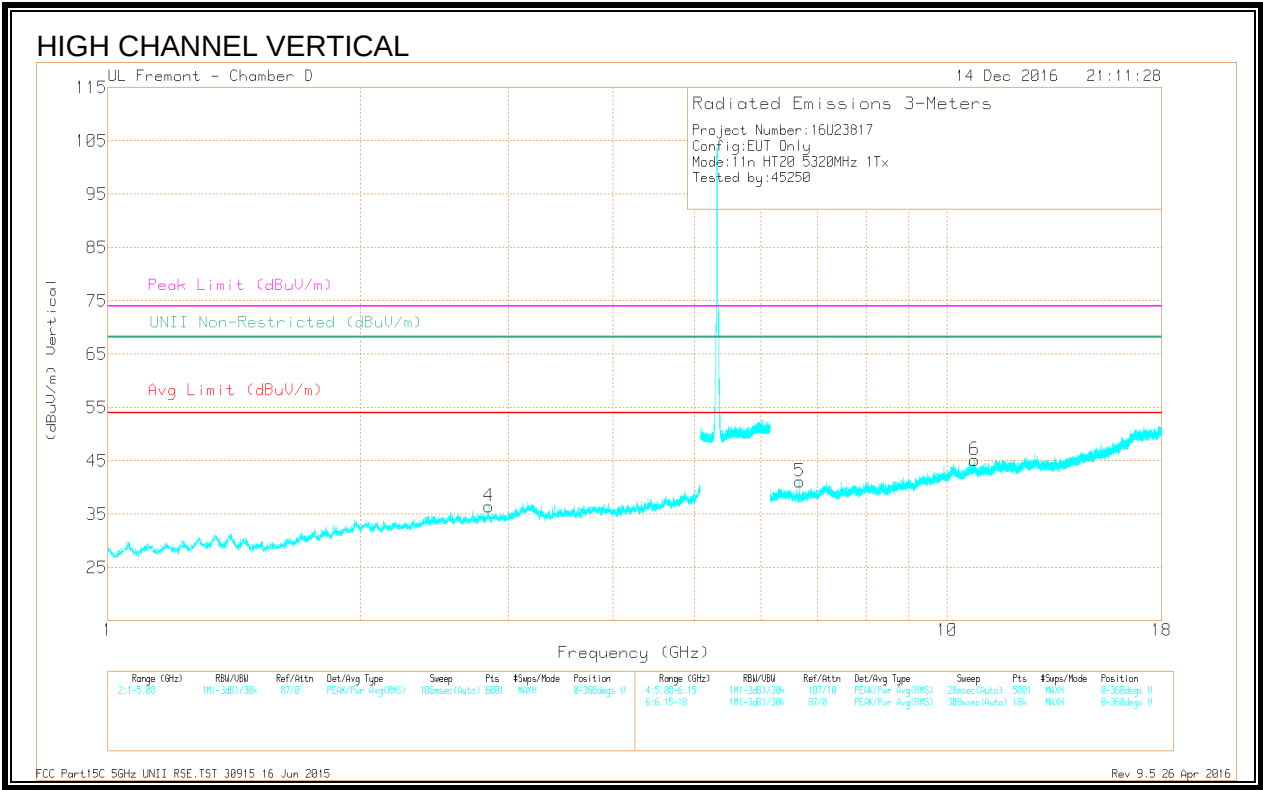
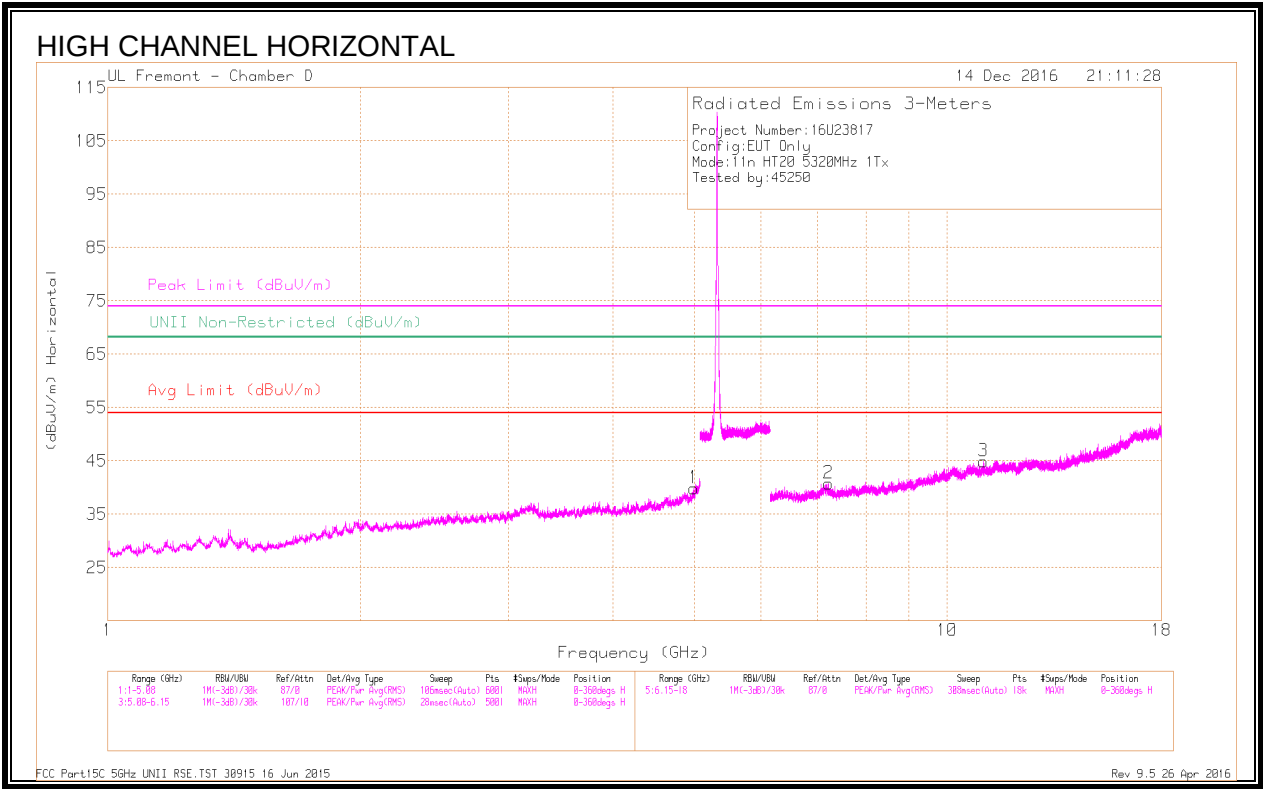
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.12	38.16	PK-U	33.6	-28.4	43.36	-	-	74	-30.64	-	-	0	341	H
	* 4.119	27.46	ADR	33.6	-28.4	32.66	54	-21.34	-	-	-	-	0	341	H
4	* 4.859	36.89	PK-U	34.1	-25.6	45.39	-	-	74	-28.61	-	-	275	339	V
	* 4.861	25.94	ADR	34.1	-25.5	34.54	54	-19.46	-	-	-	-	275	339	V
2	* 7.694	35.66	PK-U	35.8	-24.9	46.56	-	-	74	-27.44	-	-	234	109	H
	* 7.695	24.98	ADR	35.8	-24.8	35.98	54	-18.02	-	-	-	-	234	109	H
3	* 11.04	33.75	PK-U	38	-21.2	50.55	-	-	74	-23.45	-	-	258	124	H
	* 11.037	23.78	ADR	38	-21.2	40.58	54	-13.42	-	-	-	-	258	124	H
5	* 7.528	35.42	PK-U	35.7	-24.8	46.32	-	-	74	-27.68	-	-	251	340	V
	* 7.53	24.99	ADR	35.7	-24.8	35.89	54	-18.11	-	-	-	-	251	340	V
6	* 11.517	34.96	PK-U	38.4	-21.7	51.66	-	-	74	-22.34	-	-	298	184	V
	* 11.518	24.42	ADR	38.4	-21.6	41.22	54	-12.78	-	-	-	-	298	184	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



Radiated Emissions

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)	Polarity
1	* 4.988	39.44	PK-U	34	-26.8	46.64	-	-	74	-27.36	-	-	24	171	H
	* 4.988	28.62	ADR	34	-26.8	35.82	54	-18.18	-	-	-	-	24	171	H
2	7.217	35.31	PK-U	35.7	-24.1	46.91	-	-	-	-	68.2	-21.29	23	187	H
3	* 11.033	34.25	PK-U	38	-21.2	51.05	-	-	74	-22.95	-	-	80	188	H
	* 11.035	23.89	ADR	38	-21.1	40.79	54	-13.21	-	-	-	-	80	188	H
4	* 2.842	39.14	PK-U	32.3	-29.4	42.04	-	-	74	-31.96	-	-	239	204	V
	* 2.844	28.02	ADR	32.3	-29.3	31.02	54	-22.98	-	-	-	-	239	204	V
5	6.669	36.34	PK-U	35.6	-26.4	45.54	-	-	-	-	68.2	-22.66	197	313	V
6	* 10.789	33.88	PK-U	37.9	-20.5	51.28	-	-	74	-22.72	-	-	106	303	V
	* 10.787	23.73	ADR	37.9	-20.6	41.03	54	-12.97	-	-	-	-	106	303	V

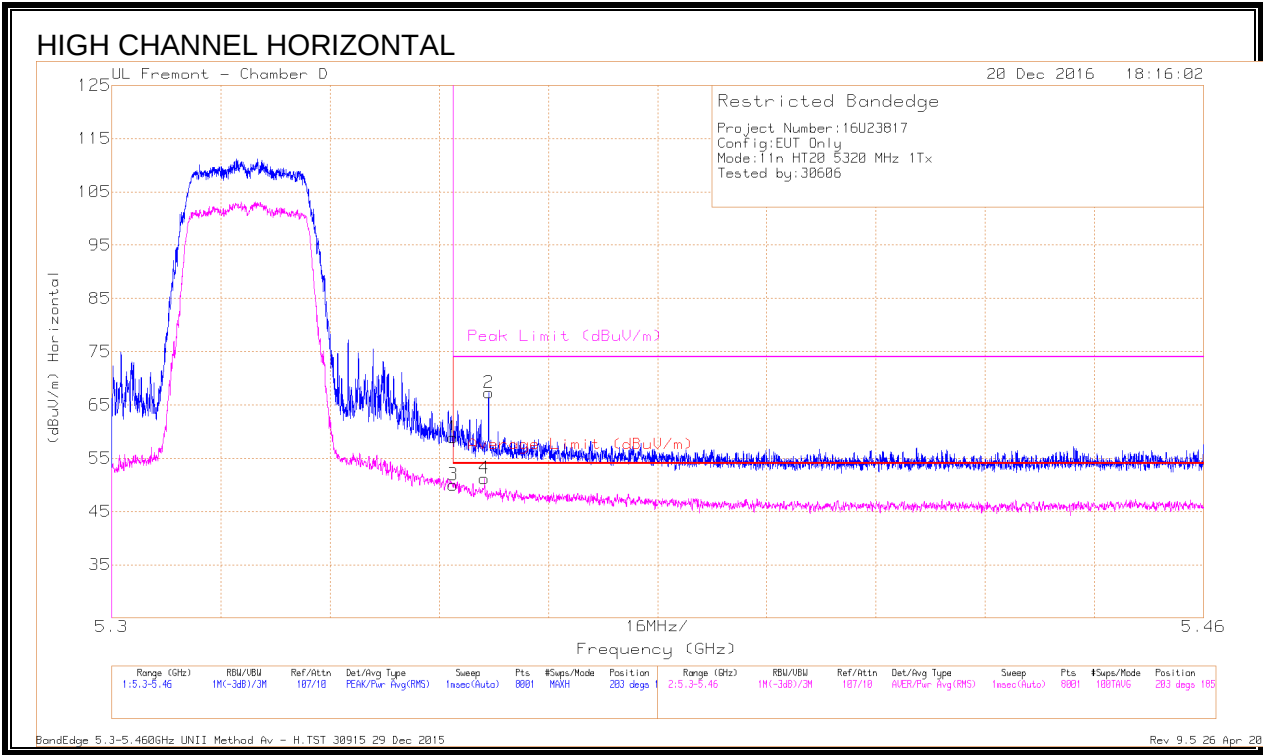
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

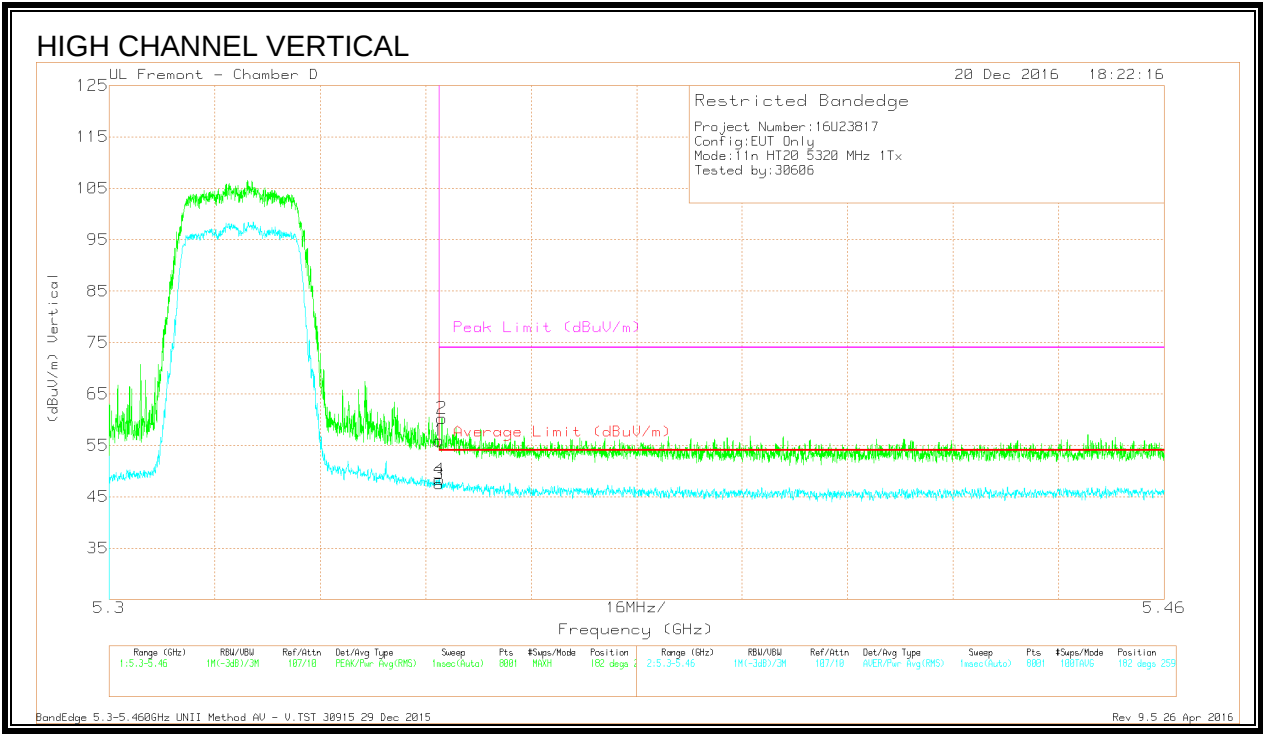
9.2.11. 11n HT20 ANTENNA B SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.97	Pk	34.3	-18.4	58.87	-	-	74	-15.13	203	185	H
3	* 5.35	34.1	RMS	34.3	-18.4	50	54	-4	-	-	203	185	H
2	* 5.355	51.38	Pk	34.3	-18.4	67.28	-	-	74	-6.72	203	185	H
4	* 5.355	35.33	RMS	34.3	-18.4	51.23	54	-2.77	-	-	203	185	H

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

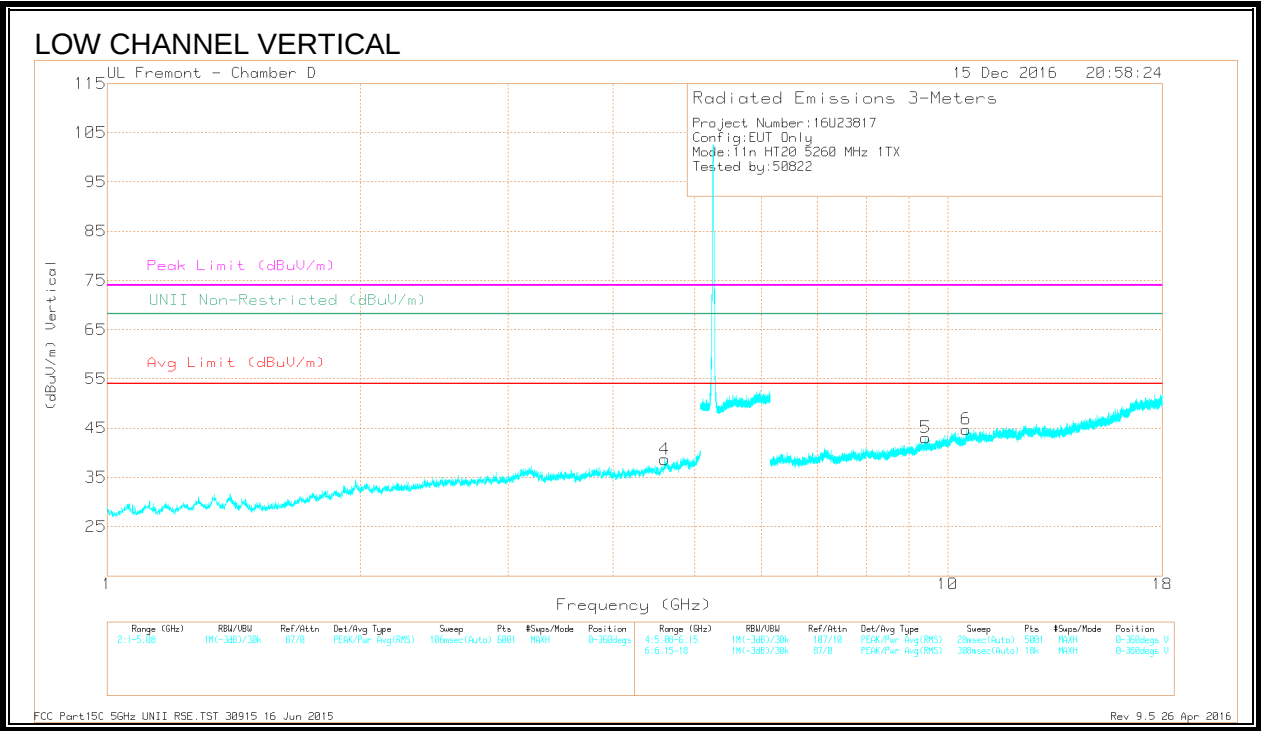
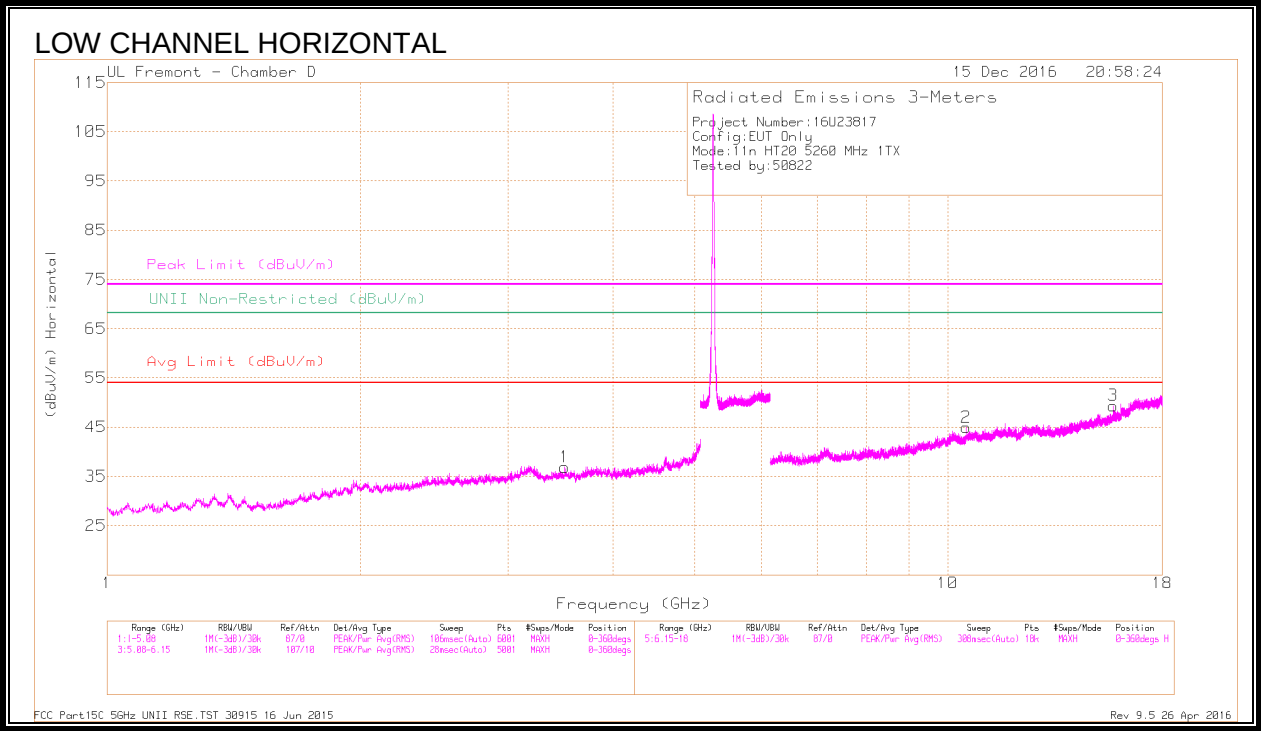


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.01	Pk	34.3	-18.4	55.91	-	-	74	-18.09	182	259	V
2	* 5.35	44.36	Pk	34.3	-18.4	60.26	-	-	74	-13.74	182	259	V
3	* 5.35	31.61	RMS	34.3	-18.4	47.51	54	-6.49	-	-	182	259	V
4	* 5.35	32.48	RMS	34.3	-18.4	48.38	54	-5.62	-	-	182	259	V

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

Pk - Peak detector

RMS - RMS detection



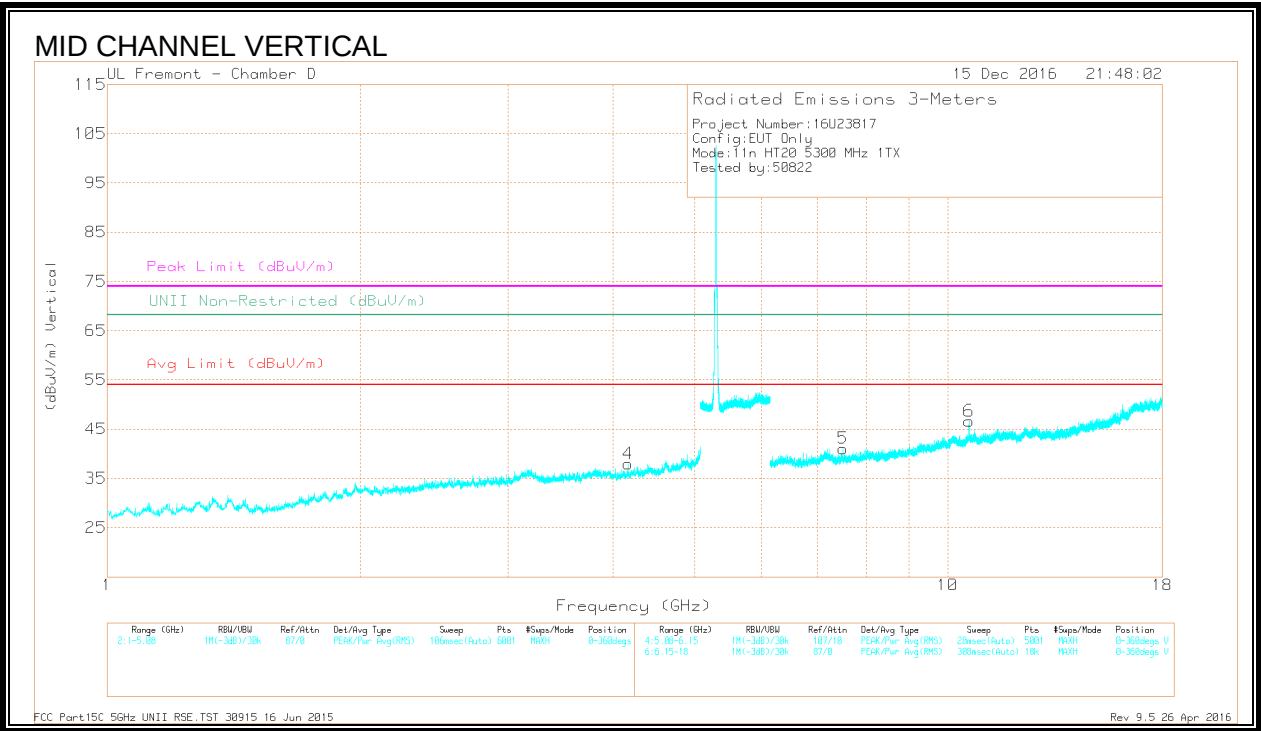
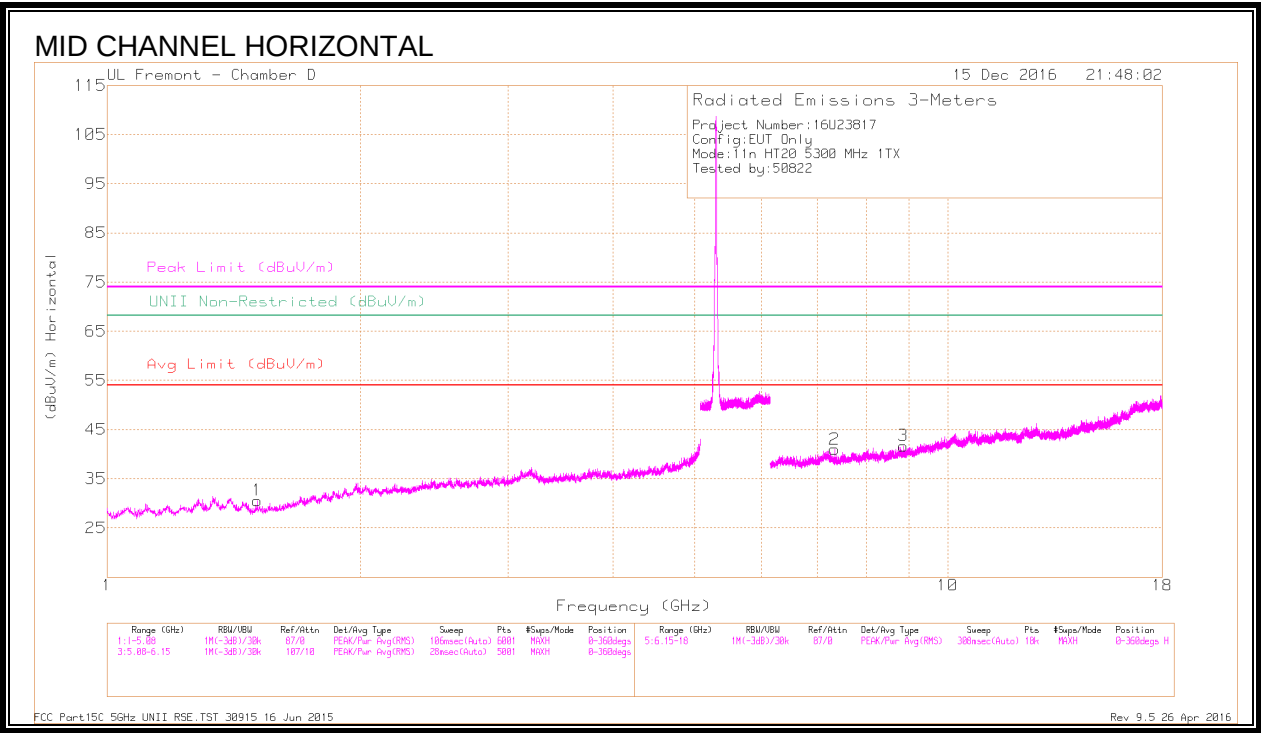
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.505	39.04	PK-U	33	-28.6	43.44	-	-	74	-30.56	-	-	175	288	H
	* 3.506	27.53	ADR	33	-28.6	31.93	54	-22.07	-	-	-	-	175	288	H
2	10.52	33.95	PK-U	37.7	-21.4	50.25	-	-	-	-	68.2	-17.95	169	200	H
3	* 15.747	34.61	PK-U	40.3	-19.8	55.11	-	-	74	-18.89	-	-	244	261	H
	* 15.745	23.69	ADR	40.3	-19.8	44.19	54	-9.81	-	-	-	-	244	261	H
4	* 4.607	37.76	PK-U	34.2	-26.7	45.26	-	-	74	-28.74	-	-	43	135	V
	* 4.607	26.52	ADR	34.2	-26.7	34.02	54	-19.98	-	-	-	-	43	135	V
5	* 9.411	33.69	PK-U	36.5	-22	48.19	-	-	74	-25.81	-	-	246	346	V
	* 9.412	23.41	ADR	36.5	-22	37.91	54	-16.09	-	-	-	-	246	346	V
6	10.52	38.55	PK-U	37.7	-21.4	54.85	-	-	-	-	68.2	-13.35	261	227	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



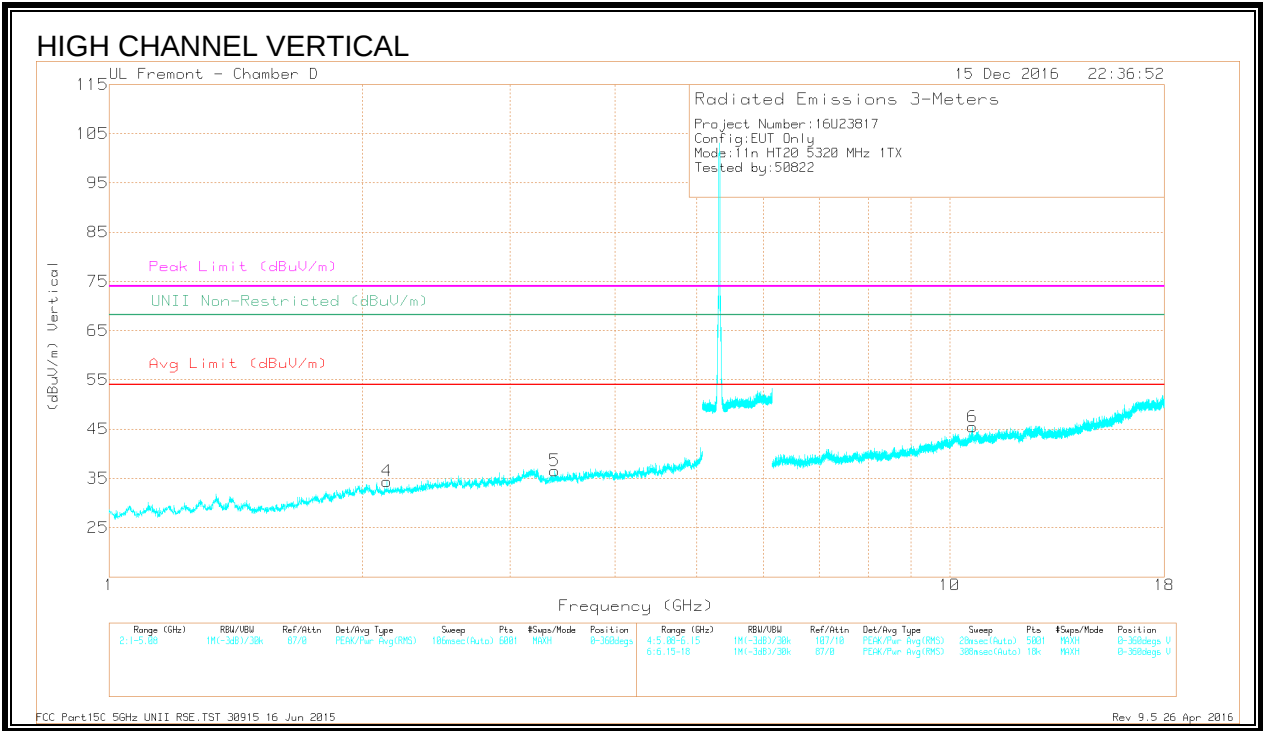
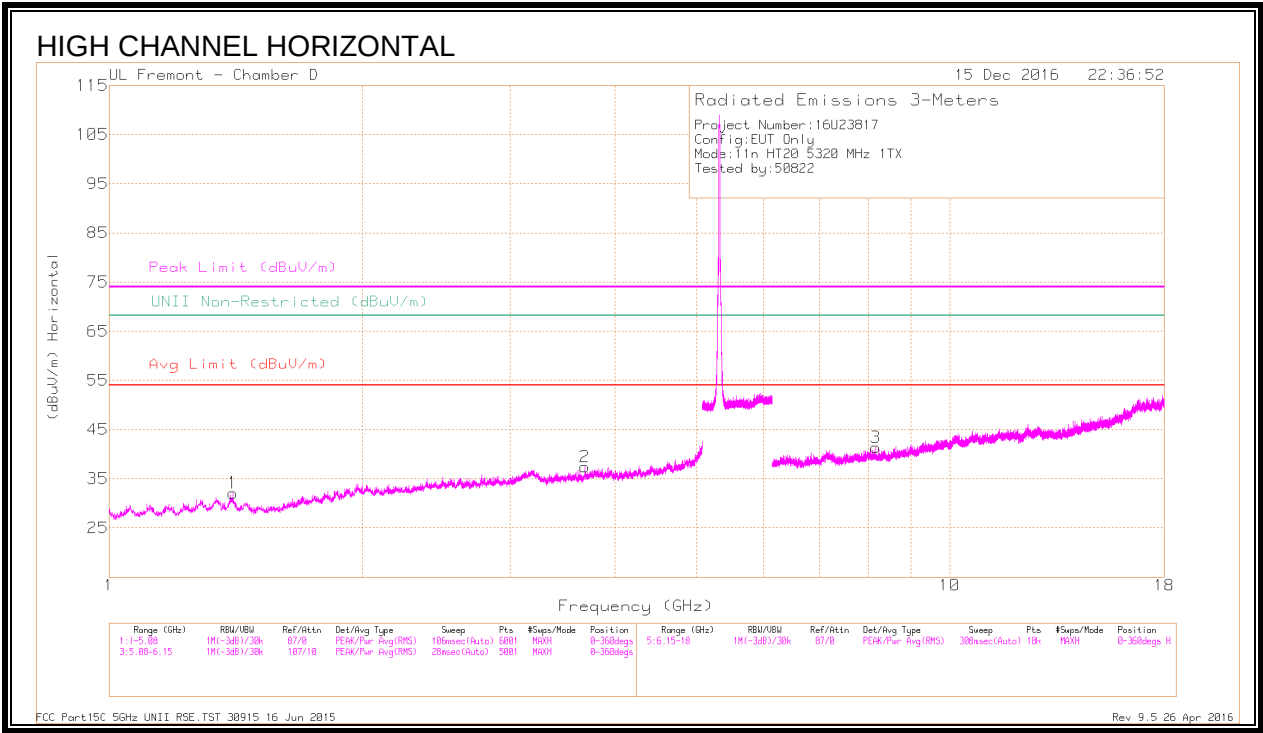
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Fltr/Psd (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	* 1.51	40.64	PK-U	27.9	-31.8	36.74	-	-	74	-37.26	-	-	241	194	H
	* 1.509	29.44	ADR	27.9	-31.7	25.64	54	-28.36	-	-	-	-	241	194	H
2	* 7.335	36.02	PK-U	35.6	-25.9	45.72	-	-	74	-28.28	-	-	89	219	H
	* 7.335	25.39	ADR	35.6	-25.9	35.09	54	-18.91	-	-	-	-	89	219	H
3	8.859	34.18	PK-U	36.1	-22.8	47.48	-	-	-	-	68.2	-20.72	101	172	H
4	* 4.169	38.59	PK-U	33.5	-28.3	43.79	-	-	74	-30.21	-	-	150	149	V
	* 4.169	27.47	ADR	33.5	-28.2	32.77	54	-21.23	-	-	-	-	150	149	V
5	* 7.511	35.41	PK-U	35.7	-24.8	46.31	-	-	74	-27.69	-	-	204	104	V
	* 7.51	24.6	ADR	35.7	-24.7	35.6	54	-18.4	-	-	-	-	204	104	V
6	* 10.6	40.57	PK-U	37.8	-21.3	57.07	-	-	74	-16.93	-	-	59	164	V
	* 10.6	27.92	ADR	37.8	-21.3	44.42	54	-9.58	-	-	-	-	59	164	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.404	41.3	PK-U	28.9	-31.3	38.9	-	-	74	-35.1	-	-	29	380	H
	* 1.405	29.43	ADR	28.9	-31.3	27.03	54	-26.97	-	-	-	-	29	380	H
2	* 3.682	38.2	PK-U	33.5	-29	42.7	-	-	74	-31.3	-	-	285	182	H
	* 3.682	27.88	ADR	33.5	-28.9	32.48	54	-21.52	-	-	-	-	285	182	H
3	* 8.168	35.49	PK-U	35.8	-24	47.29	-	-	74	-26.71	-	-	58	334	H
	* 8.167	24.64	ADR	35.8	-24	36.44	54	-17.56	-	-	-	-	57	334	H
4	2.139	39.9	PK-U	31.3	-30.7	40.5	-	-	-	-	68.2	-27.7	269	145	V
5	3.387	39.66	PK-U	32.9	-29.6	42.96	-	-	-	-	68.2	-25.24	226	191	V
6	* 10.64	40.18	PK-U	37.8	-21.8	56.18	-	-	74	-17.82	-	-	263	113	V
	* 10.64	27.79	ADR	37.8	-21.8	43.79	54	-10.21	-	-	-	-	263	113	V

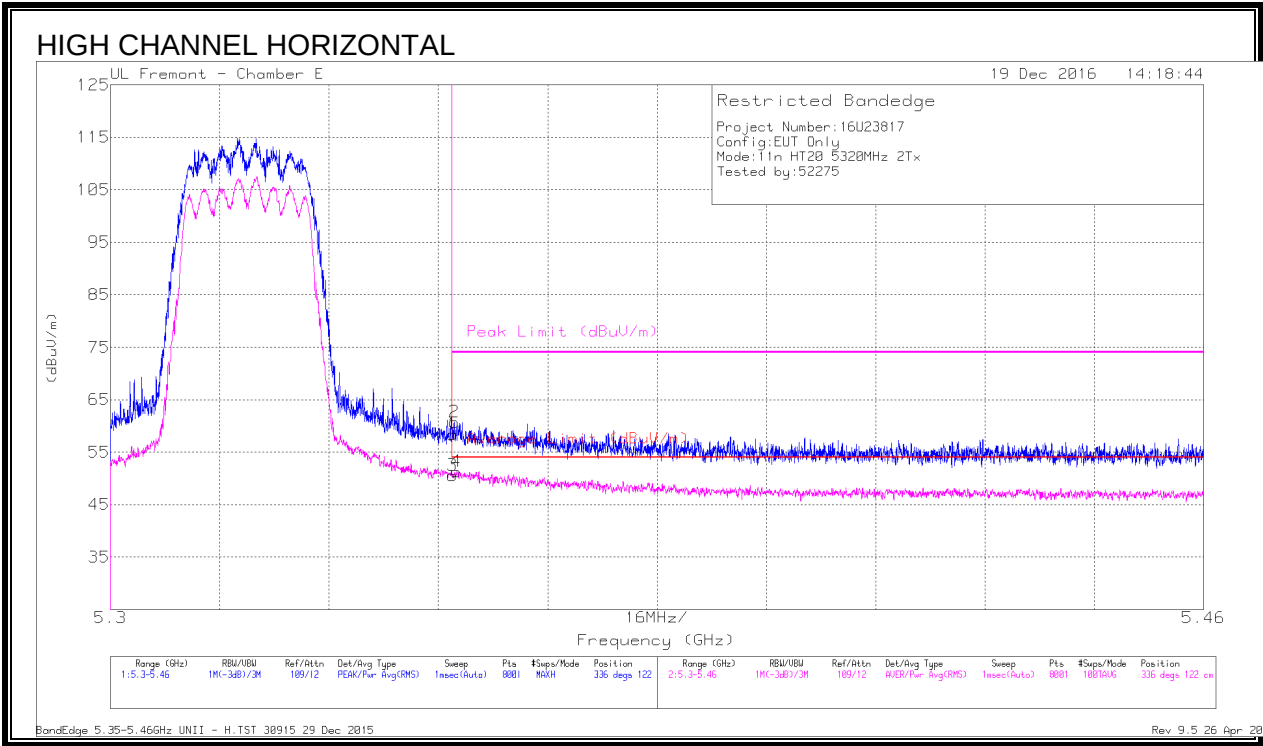
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

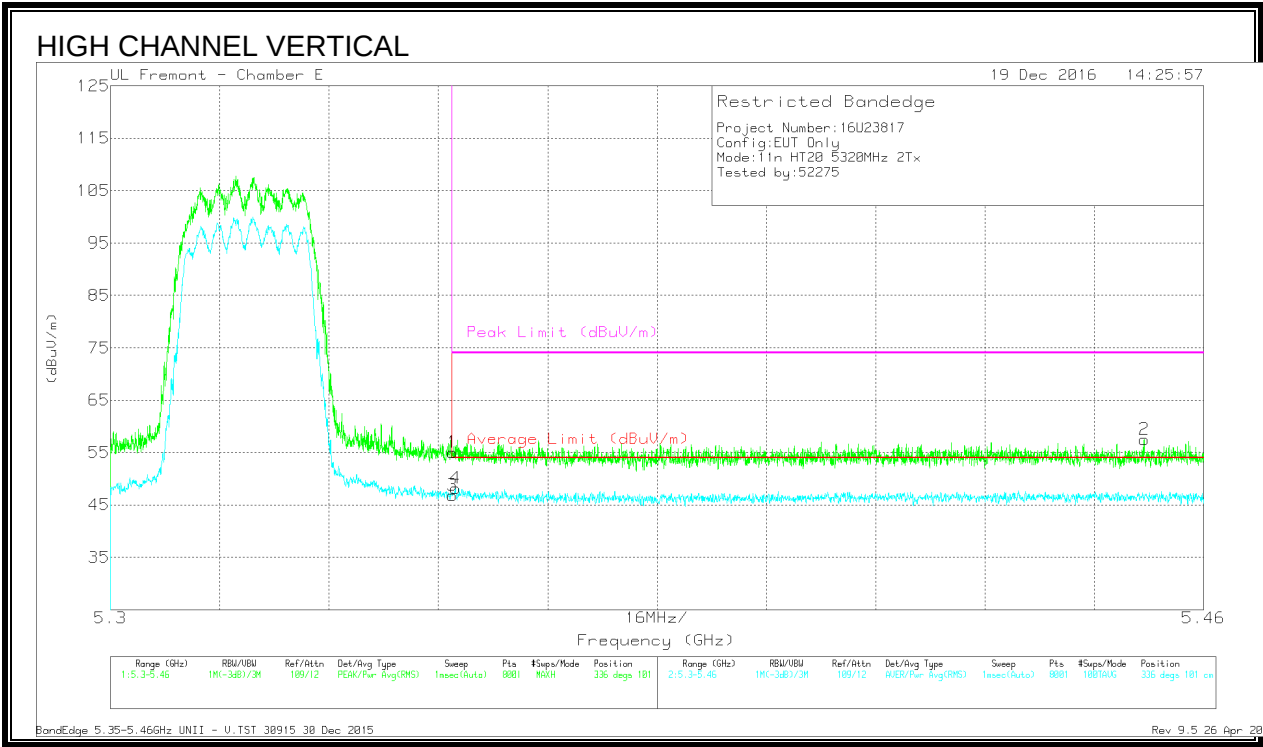
9.2.12. 11n HT20 2TX CDD MIMO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



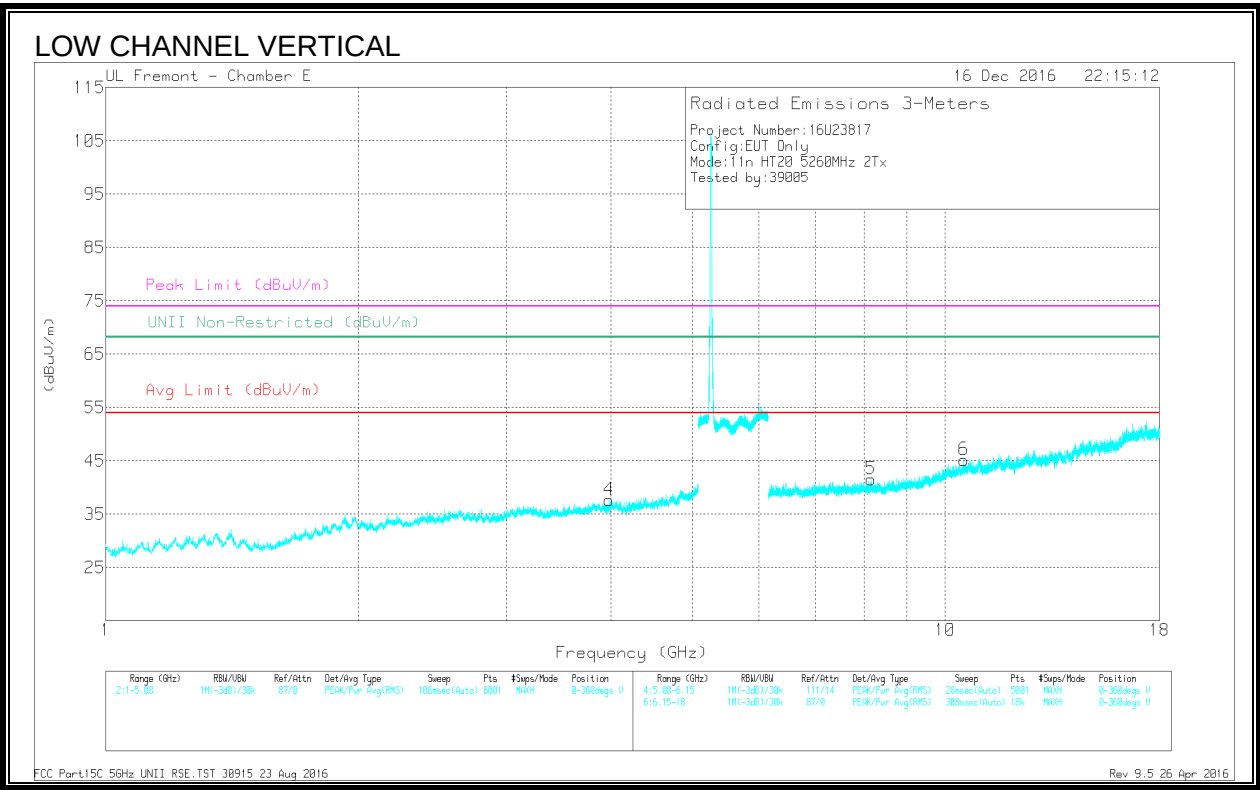
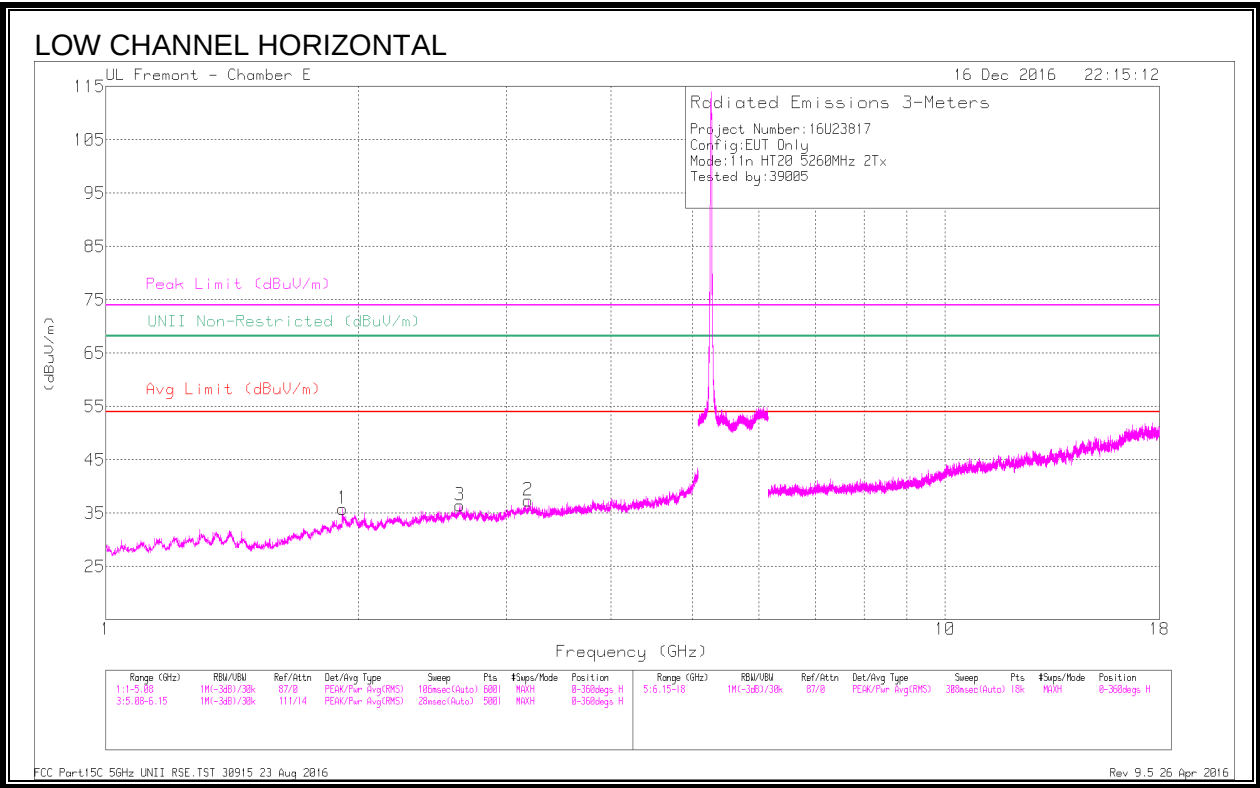
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.25	Pk	34.4	-19.3	58.35	-	-	74	-15.65	336	122	H
2	* 5.35	45.63	Pk	34.4	-19.3	60.73	-	-	74	-13.27	336	122	H
3	* 5.35	35.39	RMS	34.4	-19.3	50.49	54	-3.51	-	-	336	122	H
4	* 5.351	36.23	RMS	34.4	-19.3	51.33	54	-2.67	-	-	336	122	H

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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.89	Pk	34.4	-19.3	54.99	-	-	74	-19.01	336	101	V
3	* 5.35	31.68	RMS	34.4	-19.3	46.78	54	-7.22	-	-	336	101	V
4	* 5.351	33.04	RMS	34.4	-19.3	48.14	54	-5.86	-	-	336	101	V
2	* 5.451	42.53	Pk	34.4	-19.4	57.53	-	-	74	-16.47	336	101	V

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



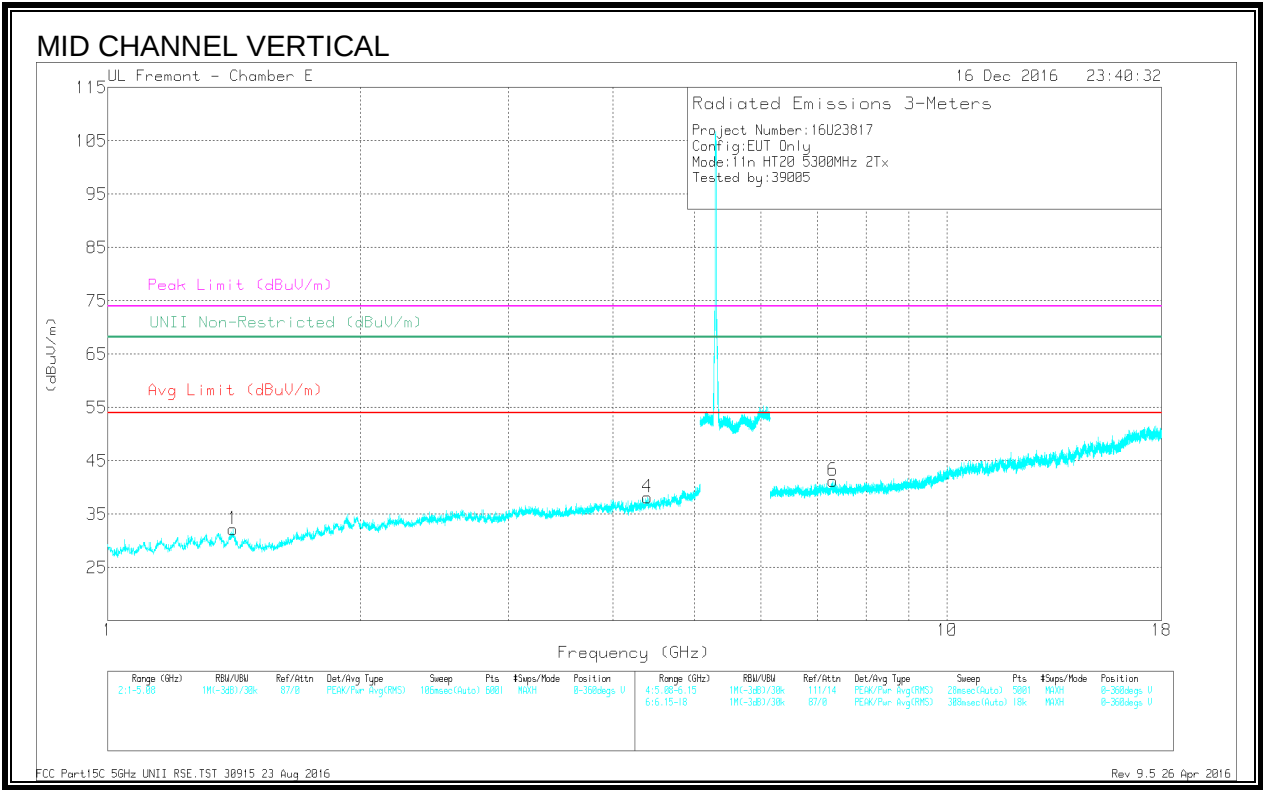
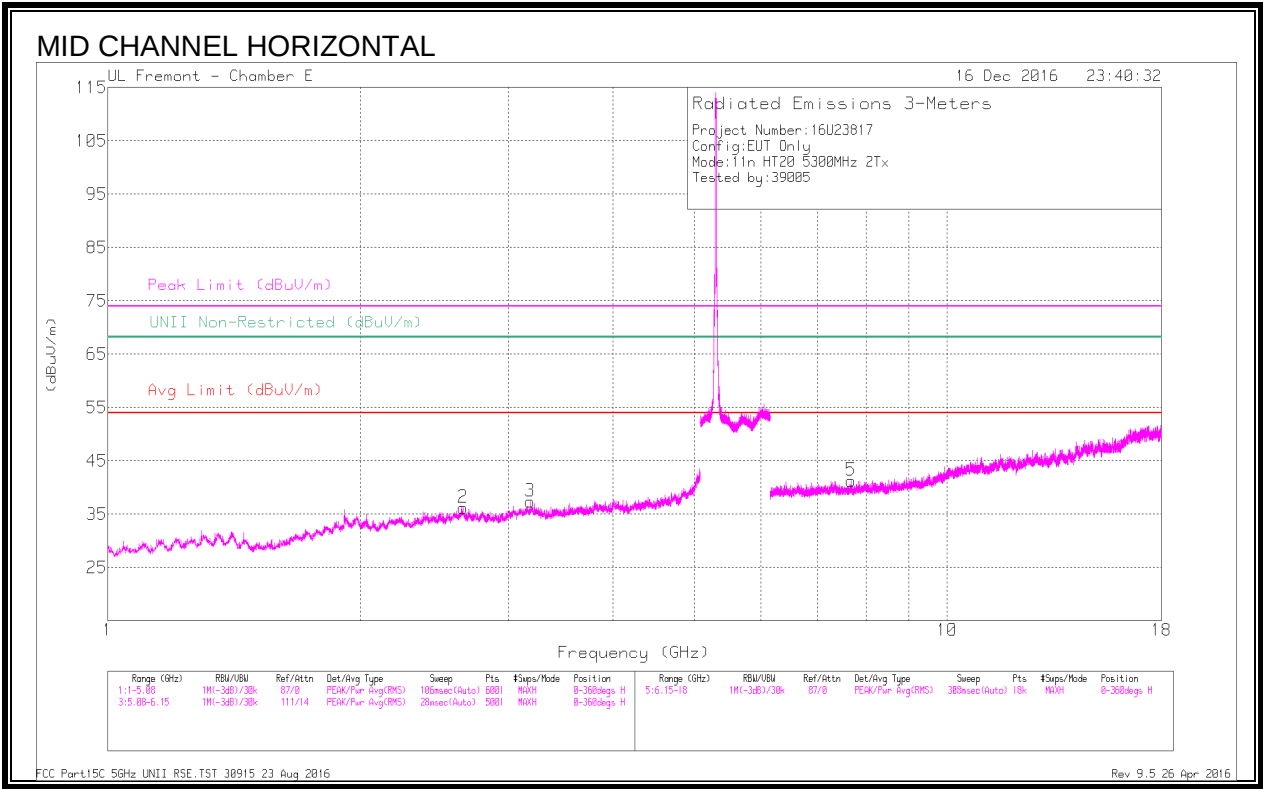
Radiated Emissions

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.915	43.02	PK-U	31.4	-32.8	41.62	-	-	-	-	68.2	-26.58	116	207	H
2	3.184	41.92	PK-U	33.5	-31.8	43.62	-	-	-	-	68.2	-24.58	137	219	H
3	2.641	41.88	PK-U	32.6	-31	43.48	-	-	-	-	68.2	-24.72	183	204	H
4	* 3.981	40.87	PK-U	33.2	-30.5	43.57	-	-	74	-30.43	-	-	242	247	V
	* 3.98	30.39	ADR	33.2	-30.6	32.99	54	-21.01	-	-	-	-	242	247	V
5	* 8.159	38.43	PK-U	35.7	-26.3	47.83	-	-	74	-26.17	-	-	169	390	V
	* 8.159	27.5	ADR	35.7	-26.3	36.9	54	-17.1	-	-	-	-	169	390	V
6	10.519	40.7	PK-U	37.8	-24	54.5	-	-	-	-	68.2	-13.7	301	103	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



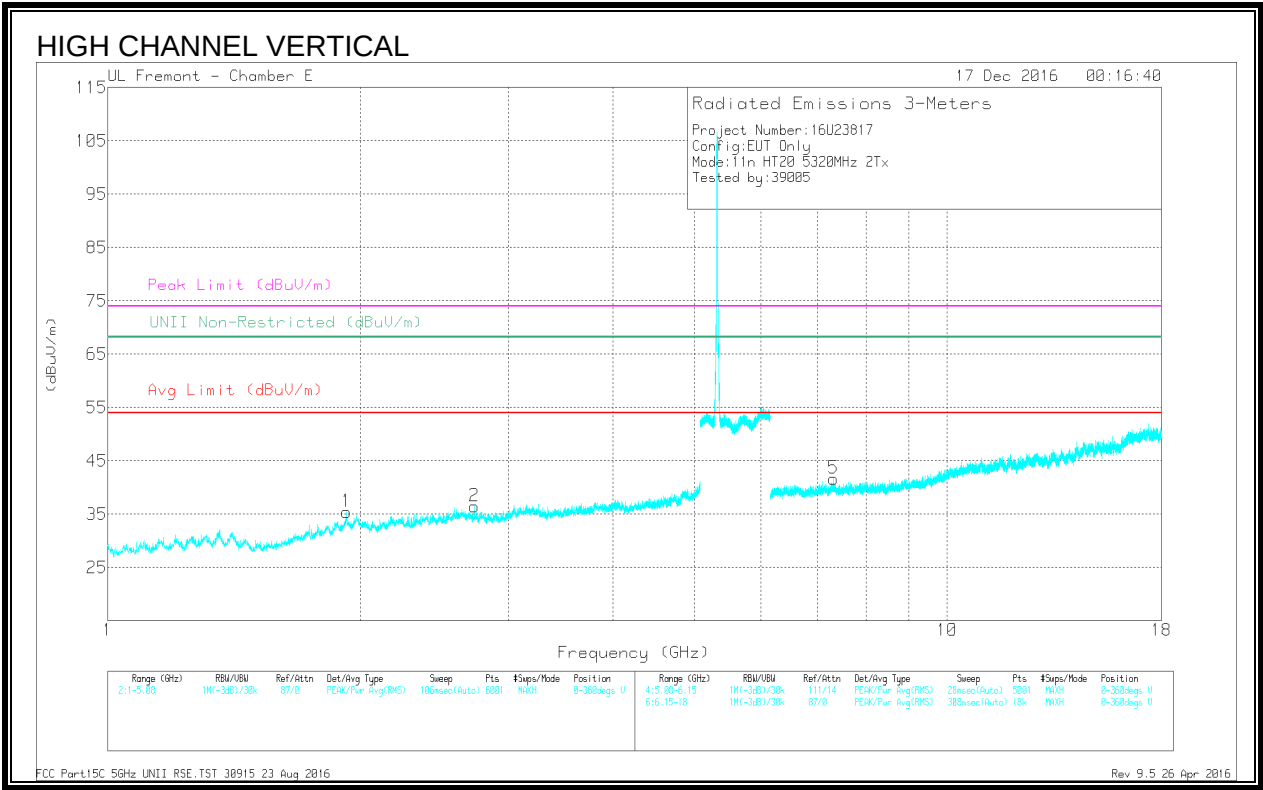
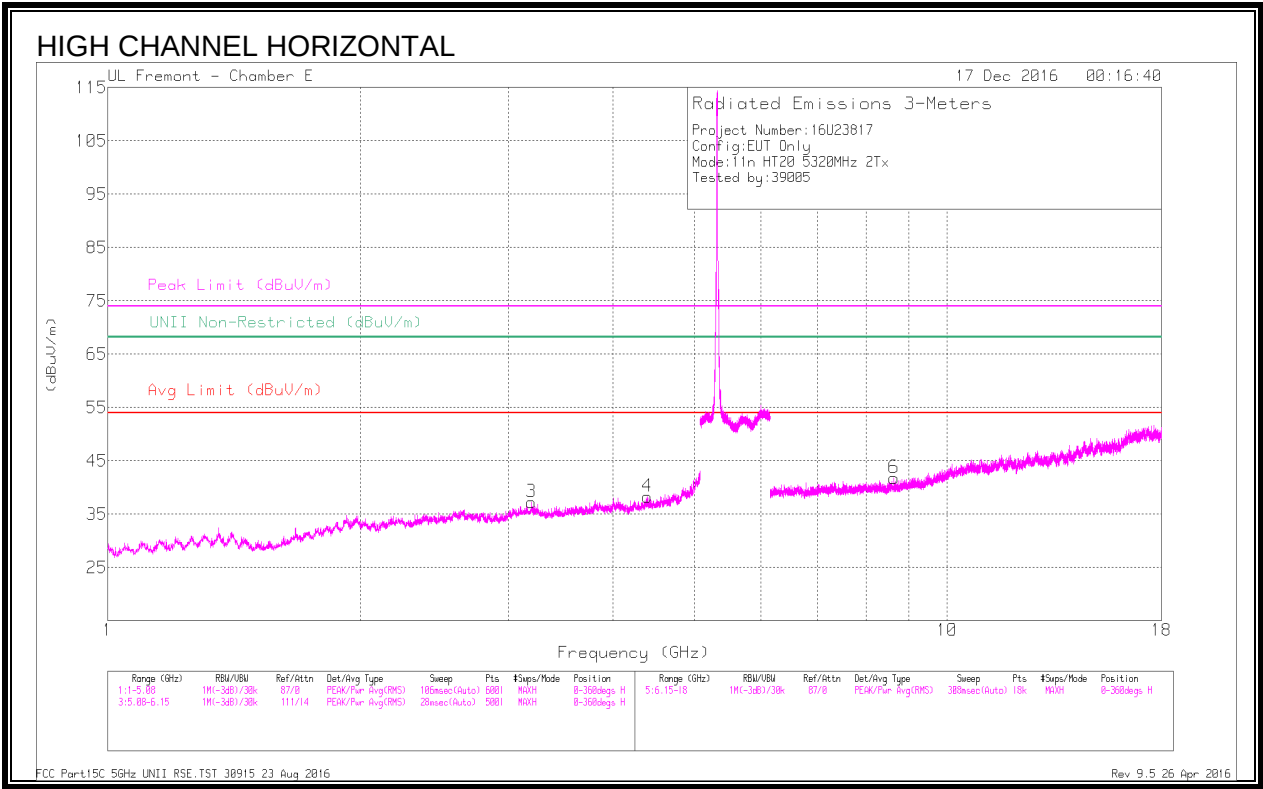
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/Hz/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)	Acimuth (Degs)	Height (cm)	Polarity
1	* 1.41	44.92	PK-U	28.9	-34.5	39.32	-	-	74	-34.68	-	-	106	235	V
	* 1.409	33.3	ADR	28.9	-34.5	27.7	54	-26.3	-	-	-	-	106	235	V
2	2.648	41.58	PK-U	32.6	-31.2	42.98	-	-	-	-	68.2	-25.22	186	218	H
3	3.185	42.27	PK-U	33.5	-31.8	43.97	-	-	-	-	68.2	-24.23	88	189	H
4	* 4.395	40.82	PK-U	33.8	-29.3	45.32	-	-	74	-28.68	-	-	67	222	V
	* 4.394	29.84	ADR	33.8	-29.2	34.44	54	-19.56	-	-	-	-	67	222	V
5	* 7.687	39.78	PK-U	35.7	-26.9	48.58	-	-	74	-25.42	-	-	17	219	H
	* 7.688	27.81	ADR	35.7	-26.9	36.61	54	-17.39	-	-	-	-	17	219	H
6	* 7.314	38.71	PK-U	35.6	-26.3	48.01	-	-	74	-25.99	-	-	336	202	V
	* 7.316	27.28	ADR	35.6	-26.3	36.58	54	-17.42	-	-	-	-	336	202	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.925	42.83	PK-U	31.4	-32.8	41.43	-	-	-	-	68.2	-26.77	111	256	V
2	* 2.735	42.3	PK-U	32.5	-32.3	42.5	-	-	74	-31.5	-	-	63	228	V
	* 2.734	31.65	ADR	32.5	-32.3	31.85	54	-22.15	-	-	-	-	63	228	V
3	3.196	41.86	PK-U	33.6	-31.9	43.56	-	-	-	-	68.2	-24.64	243	229	H
4	* 4.396	40.15	PK-U	33.8	-29.3	44.65	-	-	74	-29.35	-	-	208	220	H
	* 4.396	29.69	ADR	33.8	-29.3	34.19	54	-19.81	-	-	-	-	208	220	H
5	* 7.327	39.36	PK-U	35.6	-26.4	48.56	-	-	74	-25.44	-	-	302	282	V
	* 7.327	27.46	ADR	35.6	-26.4	36.66	54	-17.34	-	-	-	-	302	282	V
6	8.643	39.34	PK-U	35.8	-26.4	48.74	-	-	-	-	68.2	-19.46	99	185	H

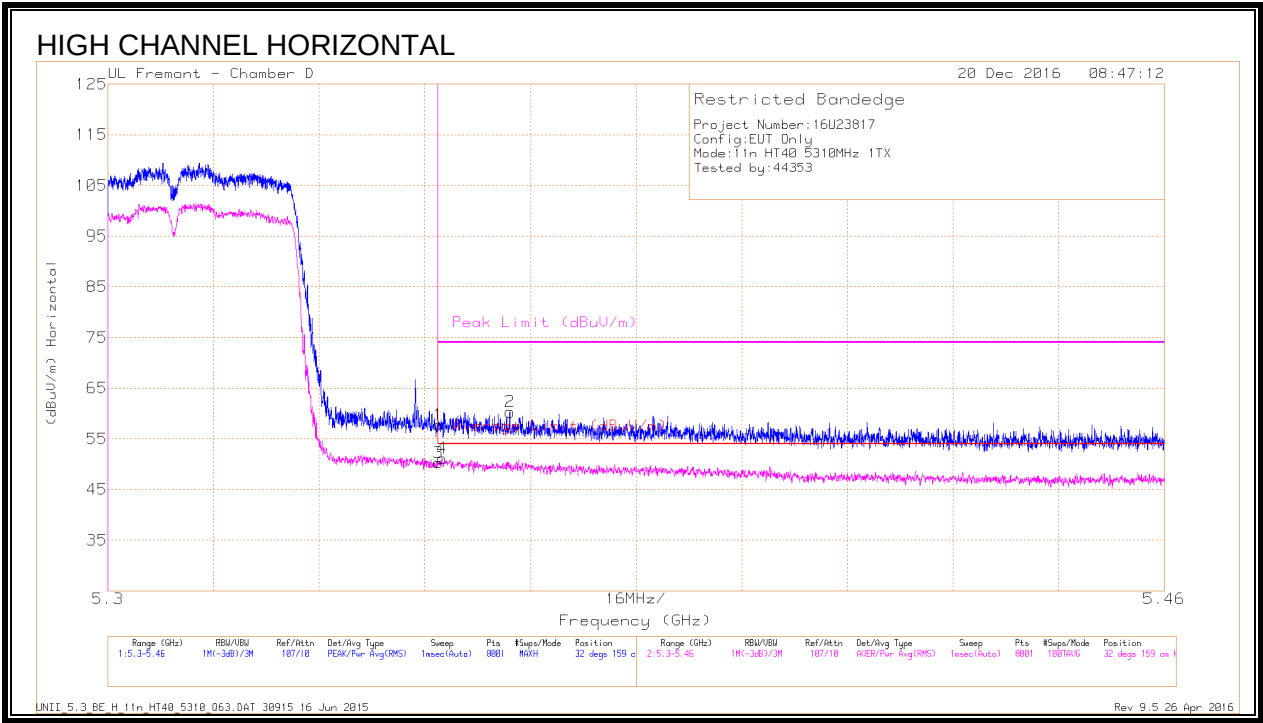
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

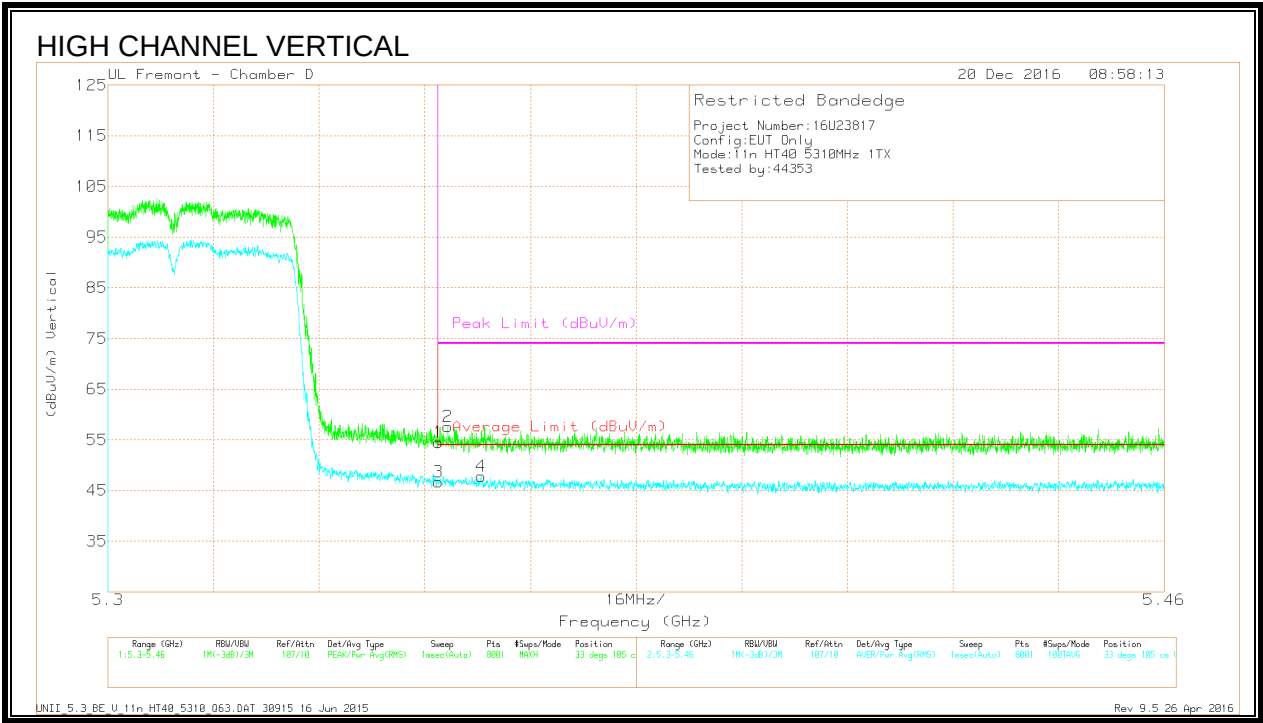
9.2.13. 11n HT40 ANTENNA A SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 5.35	41.8	Pk	34.3	-18.4	0	57.7	-	-	74	-16.3	32	159	H
2	* 5.361	44.29	Pk	34.4	-18.4	0	60.29	-	-	74	-13.71	32	159	H
3	* 5.35	34.31	RMS	34.3	-18.4	.1	50.31	54	-3.69	-	-	32	159	H
4	* 5.351	35.16	RMS	34.3	-18.4	.1	51.16	54	-2.84	-	-	32	159	H

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

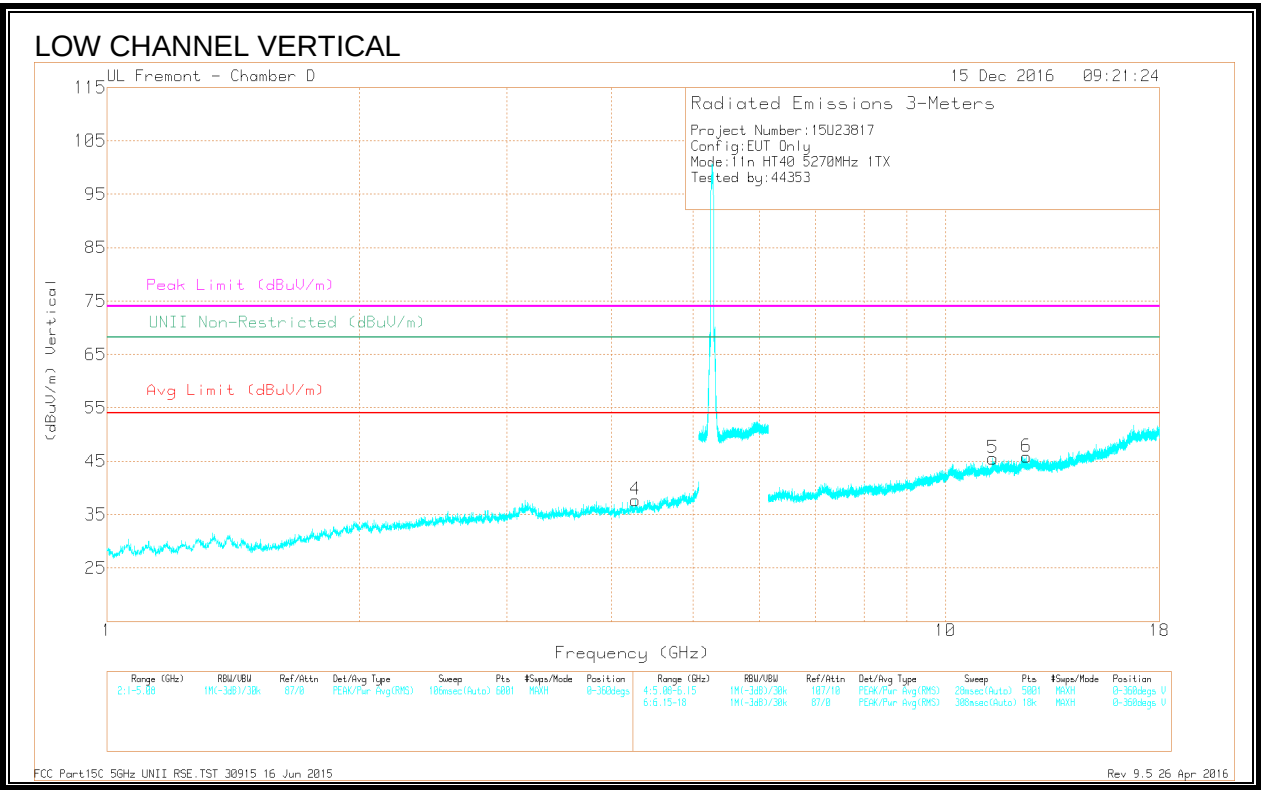
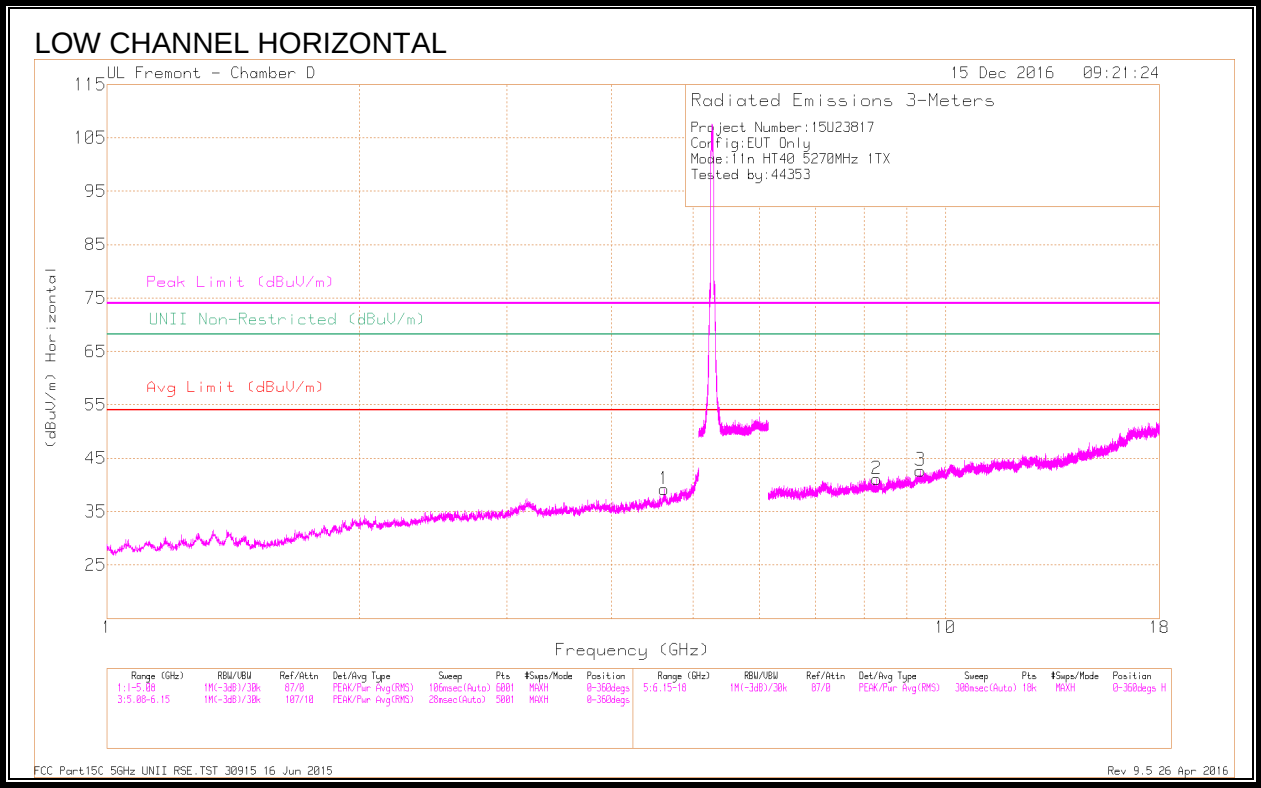


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.58	Pk	34.3	-18.4	0	54.48	-	-	74	-19.52	33	105	V
2	* 5.351	41.69	Pk	34.3	-18.4	0	57.59	-	-	74	-16.41	33	105	V
3	* 5.35	30.72	RMS	34.3	-18.4	.1	46.72	54	-7.28	-	-	33	105	V
4	* 5.357	31.68	RMS	34.4	-18.4	.1	47.78	54	-6.22	-	-	33	105	V

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

Pk - Peak detector

RMS - RMS detection



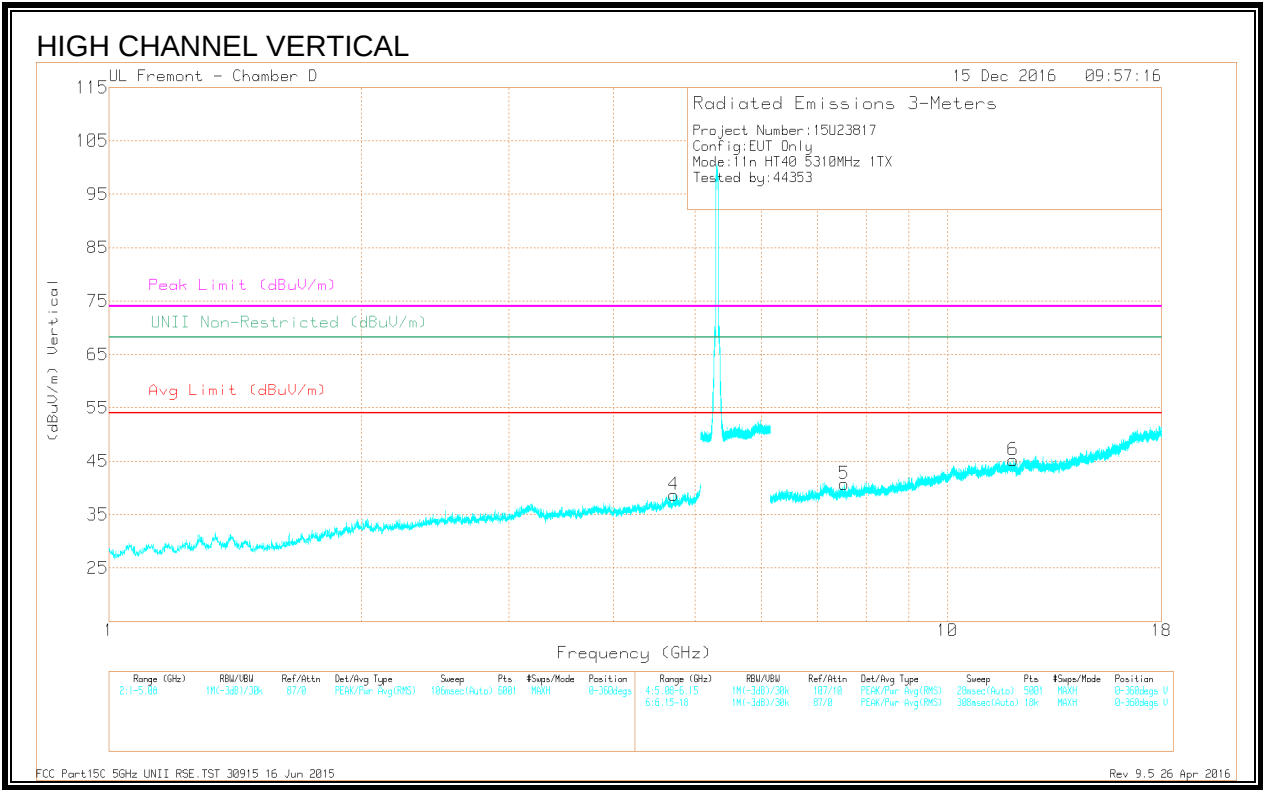
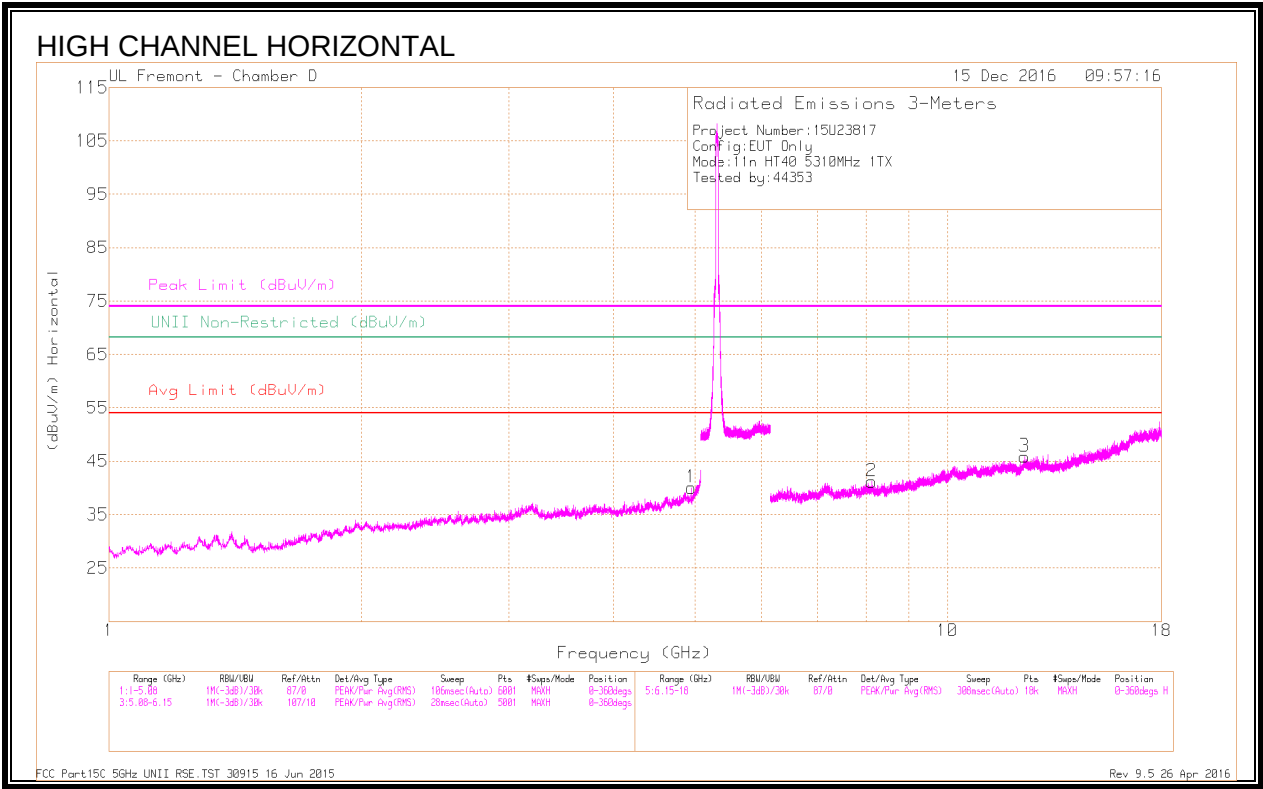
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/ftz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.618	37.56	PK-U	34.1	-26.9	0	44.76	-	-	74	-29.24	-	-	285	137	H
	* 4.619	27.39	ADR	34.1	-26.9	.1	34.69	54	-19.31	-	-	-	-	285	137	H
2	* 8.285	35.19	PK-U	35.8	-24.3	0	46.69	-	-	74	-27.31	-	-	223	102	H
	* 8.286	25.09	ADR	35.8	-24.3	.1	36.69	54	-17.31	-	-	-	-	223	102	H
3	* 9.335	33.88	PK-U	36.4	-22	0	48.28	-	-	74	-25.72	-	-	147	335	H
	* 9.334	24.06	ADR	36.4	-22	.1	38.56	54	-15.44	-	-	-	-	147	335	H
4	* 4.269	37.48	PK-U	33.5	-27.5	0	43.48	-	-	74	-30.52	-	-	110	208	V
	* 4.268	27.76	ADR	33.5	-27.5	.1	33.86	54	-20.14	-	-	-	-	110	208	V
5	* 11.392	34.79	PK-U	38.3	-21.5	0	51.59	-	-	74	-22.41	-	-	56	261	V
	* 11.394	24.32	ADR	38.3	-21.4	.1	41.32	54	-12.68	-	-	-	-	56	261	V
6	* 12.491	33.7	PK-U	39.1	-21.3	0	51.5	-	-	74	-22.5	-	-	101	187	V
	* 12.491	23.73	ADR	39.1	-21.3	.1	41.63	54	-12.37	-	-	-	-	101	187	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.948	37.75	PK-U	34.1	-26.7	0	45.15	-	-	74	-28.85	-	-	334	130	H
	* 4.949	27.68	ADR	34.1	-26.8	.1	35.08	54	-18.92	-	-	-	-	334	130	H
2	* 8.118	36.12	PK-U	35.8	-23.9	0	48.02	-	-	74	-25.98	-	-	152	214	H
	* 8.121	25.28	ADR	35.8	-23.8	.1	37.38	54	-16.62	-	-	-	-	152	214	H
3	* 12.356	33.9	PK-U	39	-21	0	51.9	-	-	74	-22.1	-	-	331	270	H
	* 12.358	24.29	ADR	39	-21.1	.1	42.29	54	-11.71	-	-	-	-	331	270	H
4	* 4.715	39.77	PK-U	34	-27.9	0	45.87	-	-	74	-28.13	-	-	212	356	V
	* 4.713	28.79	ADR	34	-27.9	.1	34.99	54	-19.01	-	-	-	-	212	356	V
5	* 7.538	35.41	PK-U	35.7	-24.8	0	46.31	-	-	74	-27.69	-	-	95	201	V
	* 7.538	25.58	ADR	35.7	-24.8	.1	36.58	54	-17.42	-	-	-	-	95	201	V
6	* 11.978	34.5	PK-U	38.9	-21.7	0	51.7	-	-	74	-22.3	-	-	18	178	V
	* 11.978	24.08	ADR	38.9	-21.7	.1	41.38	54	-12.62	-	-	-	-	18	178	V

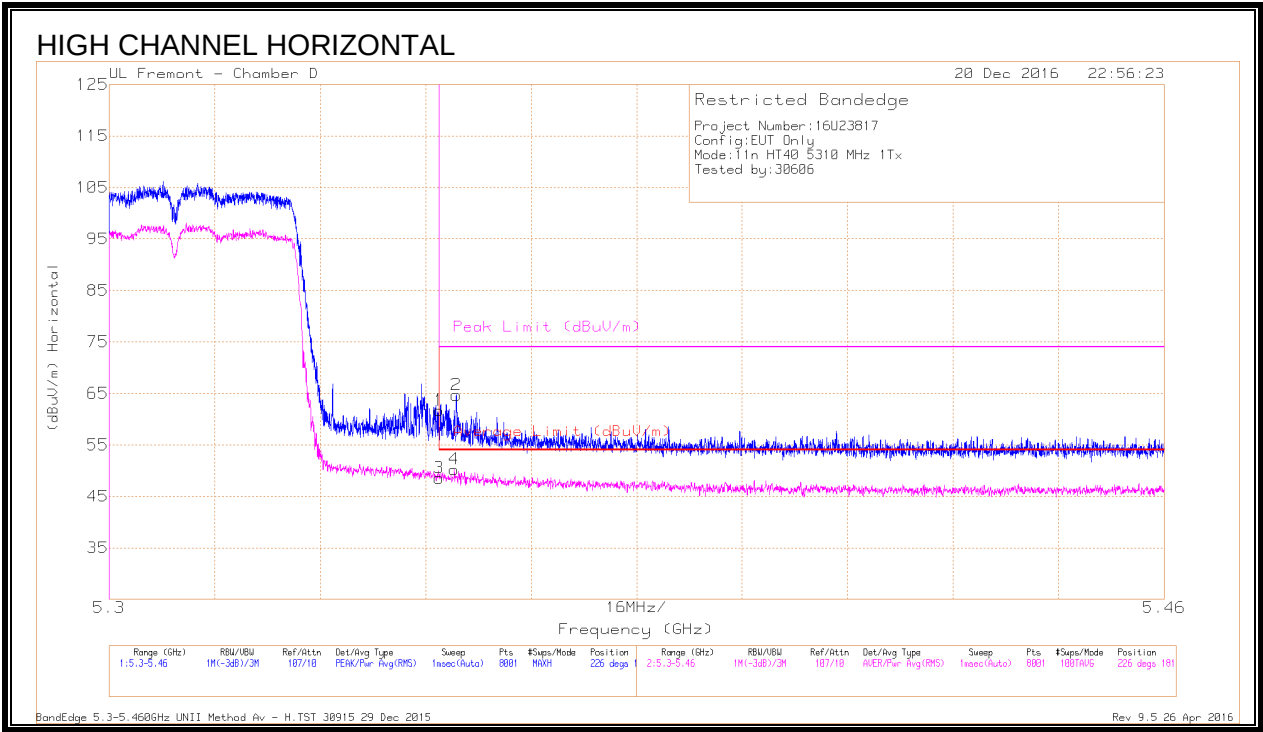
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

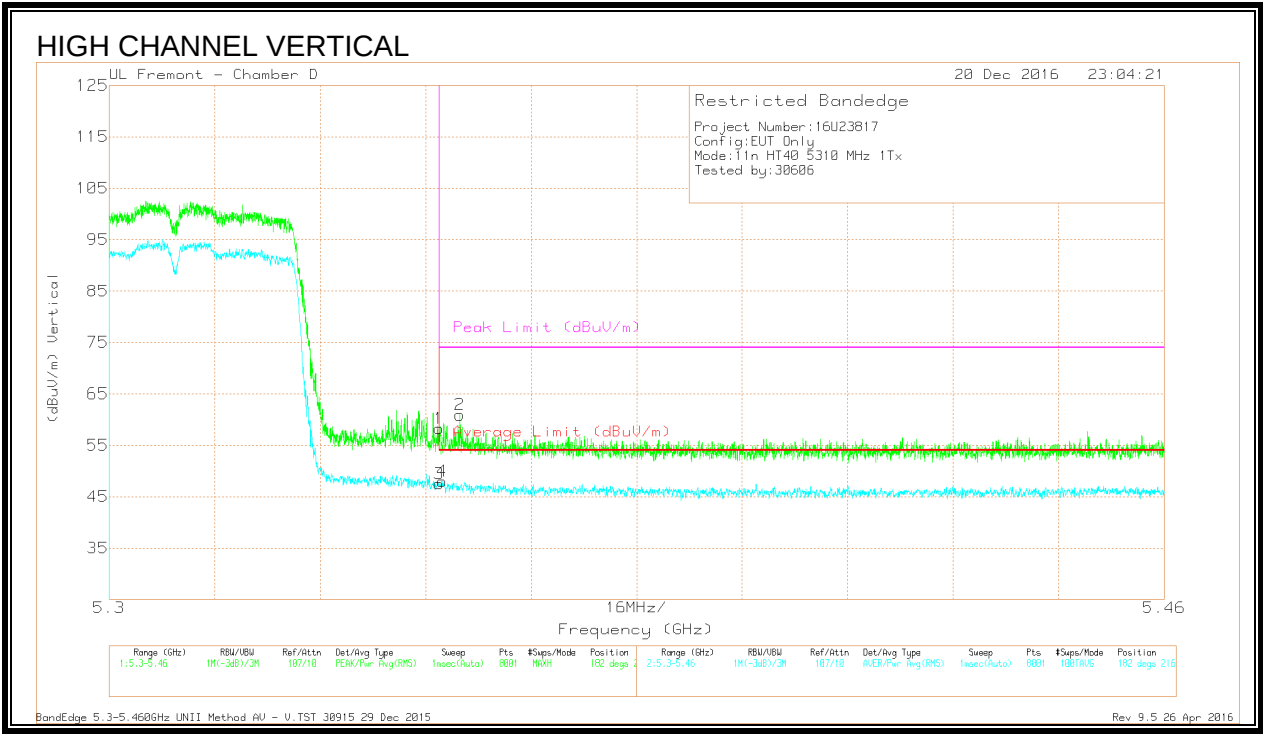
9.2.14. 11n HT40 ANTENNA B SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	45.81	Pk	34.3	-18.4	0	61.71	-	-	74	-12.29	226	181	H
2	* 5.353	48.8	Pk	34.3	-18.4	0	64.7	-	-	74	-9.3	226	181	H
3	* 5.35	32.57	RMS	34.3	-18.4	.1	48.57	54	-5.43	-	-	226	181	H
4	* 5.352	34.26	RMS	34.3	-18.4	.1	50.26	54	-3.74	-	-	226	181	H

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

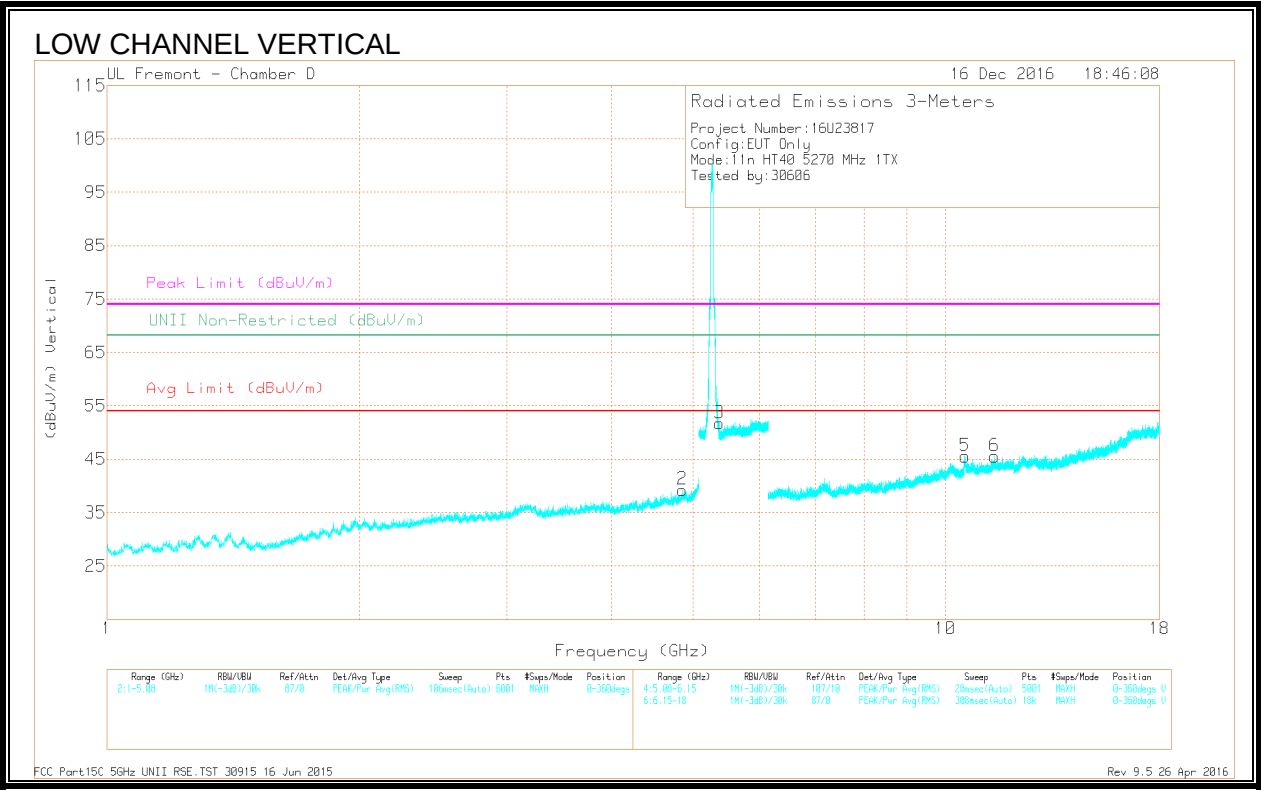
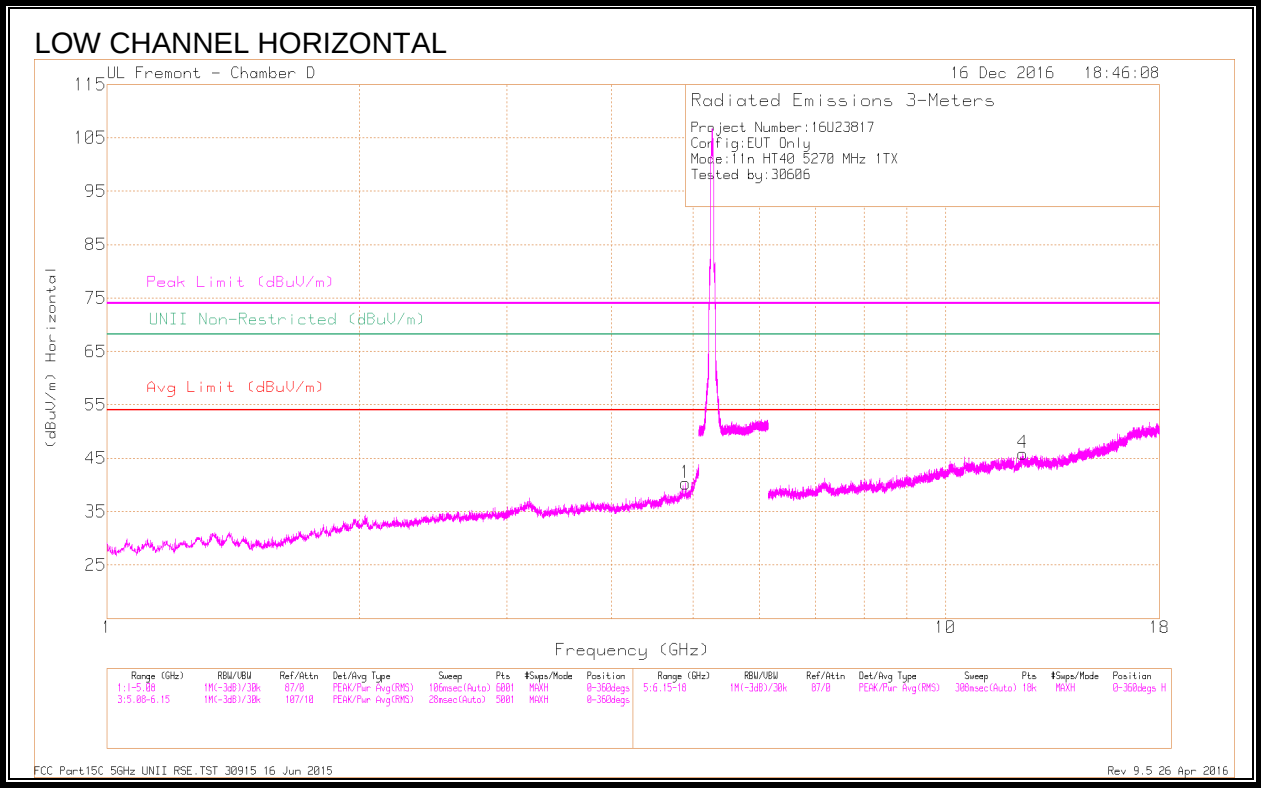


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.34	Pk	34.3	-18.4	0	58.24	-	-	74	-15.76	182	216	V
2	* 5.353	45.02	PK	34.3	-18.4	0	60.92	-	-	74	-13.08	182	216	V
3	* 5.35	31.51	RMS	34.3	-18.4	.1	47.51	54	-6.49	-	-	182	216	V
4	* 5.35	31.98	RMS	34.3	-18.4	.1	47.98	54	-6.02	-	-	182	216	V

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

Pk - Peak detector

RMS - RMS detection



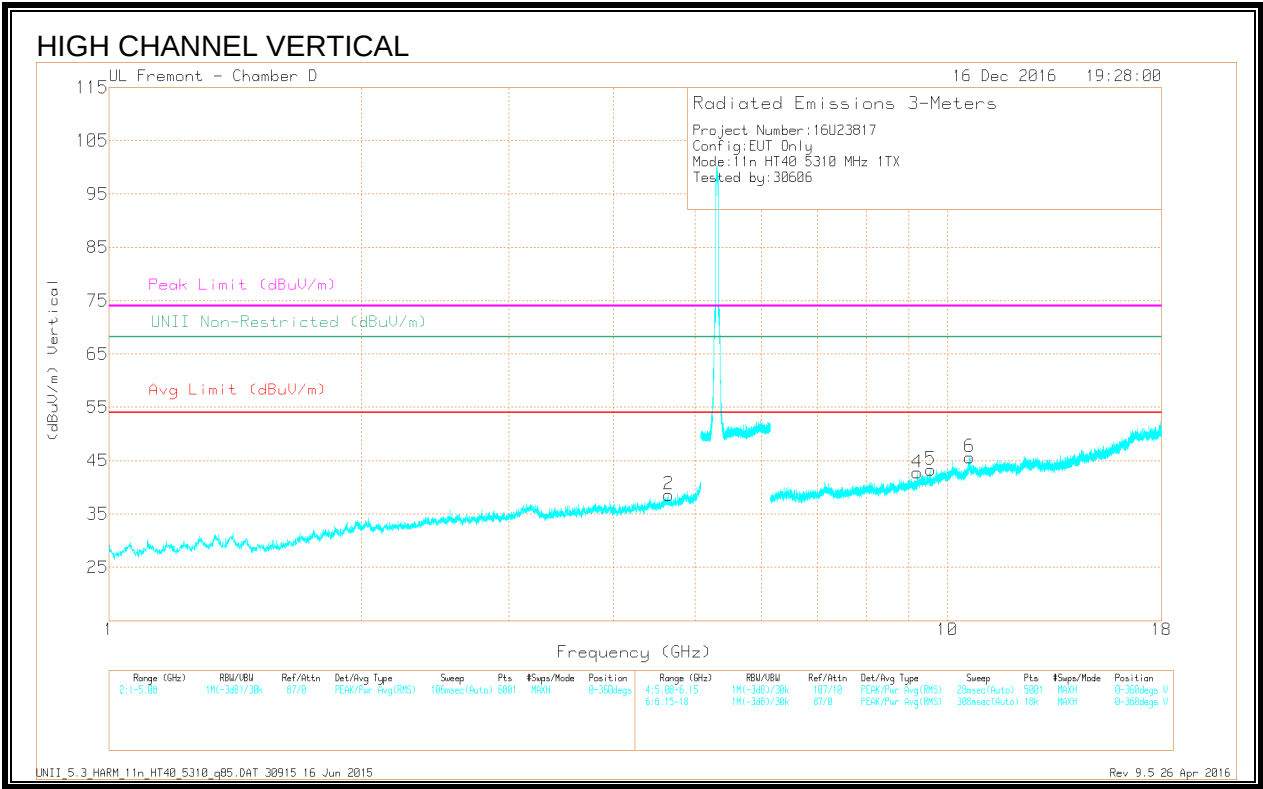
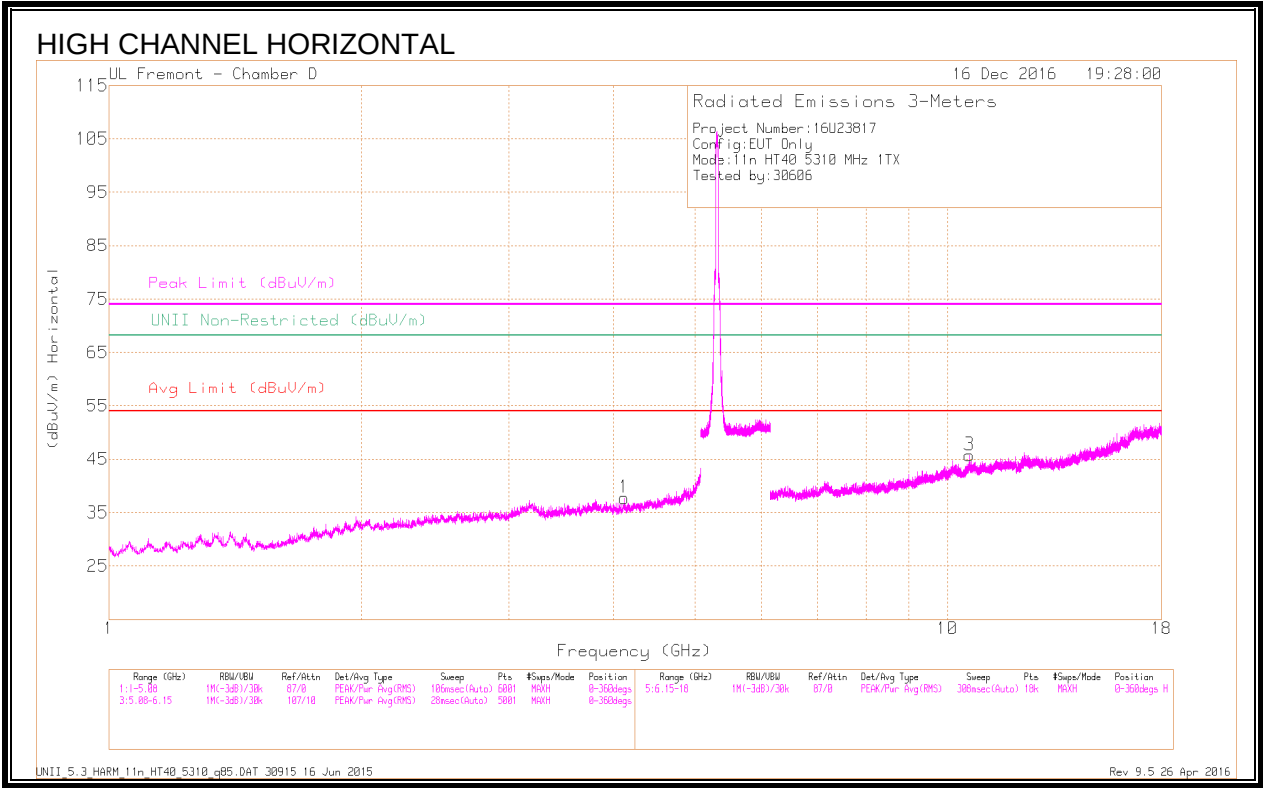
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	URRL Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.897	36.99	PK-U	34.1	-25.5	0	45.59	-	-	74	-28.41	-	-	216	294	H
	* 4.899	26.14	ADR	34.1	-25.6	.1	34.74	54	-19.26	-	-	-	-	216	294	H
2	* 4.858	37.14	PK-U	34.1	-25.7	0	45.54	-	-	74	-28.46	-	-	206	188	V
	* 4.857	26.02	ADR	34.1	-25.7	.1	34.52	54	-19.48	-	-	-	-	206	188	V
3	* 5.377	42.91	PK-U	34.4	-18.3	0	59.01	-	-	74	-14.99	-	-	200	252	V
	* 5.379	31.68	ADR	34.4	-18.3	.1	47.88	54	-6.12	-	-	-	-	200	252	V
4	* 12.365	34.09	PK-U	39	-21.2	0	51.89	-	-	74	-22.11	-	-	221	175	H
	* 12.365	23.54	ADR	39	-21.1	.1	41.54	54	-12.46	-	-	-	-	221	175	H
5	10.55	36.92	PK-U	37.7	-21.2	0	53.42	-	-	-	-	68.2	-14.78	216	150	V
6	* 11.439	34.67	PK-U	38.3	-21.2	0	51.77	-	-	74	-22.23	-	-	228	107	V
	* 11.438	23.92	ADR	38.3	-21.2	.1	41.12	54	-12.88	-	-	-	-	228	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AP T712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	URRL Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.118	39.06	PK-U	33.6	-28.4	0	44.26	-	-	74	-29.74	-	-	88	396	H
	* 4.118	27.57	ADR	33.6	-28.4	.1	32.87	54	-21.13	-	-	-	-	88	396	H
2	* 4.65	37.01	PK-U	34.1	-27.5	0	43.61	-	-	74	-30.39	-	-	173	169	V
	* 4.652	26.53	ADR	34.1	-27.6	.1	33.13	54	-20.87	-	-	-	-	173	169	V
3	* 10.622	36.23	PK-U	37.8	-21.5	0	52.53	-	-	74	-21.47	-	-	345	187	H
	* 10.62	25.41	ADR	37.8	-21.5	.1	41.81	54	-12.19	-	-	-	-	345	187	H
4	9.205	33.27	PK-U	36.3	-21.9	0	47.67	-	-	-	-	-	-20.53	275	103	V
5	9.554	34.02	PK-U	36.6	-21.6	0	49.02	-	-	-	-	68.2	-19.18	54	189	V
6	* 10.634	37.69	PK-U	37.8	-21.7	0	53.79	-	-	74	-20.21	-	-	261	206	V
	* 10.634	26.31	ADR	37.8	-21.7	.1	42.51	54	-11.49	-	-	-	-	261	206	V

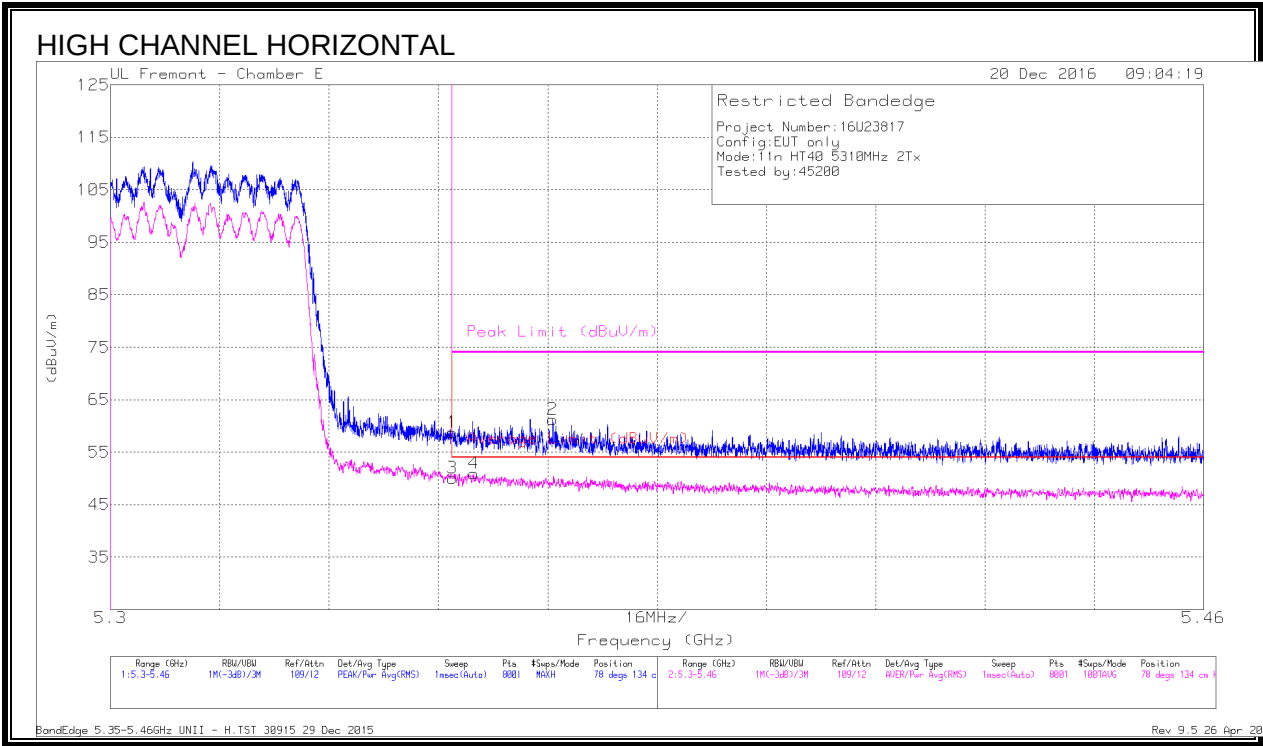
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.15. 11n HT40 2TX CDD MIMO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

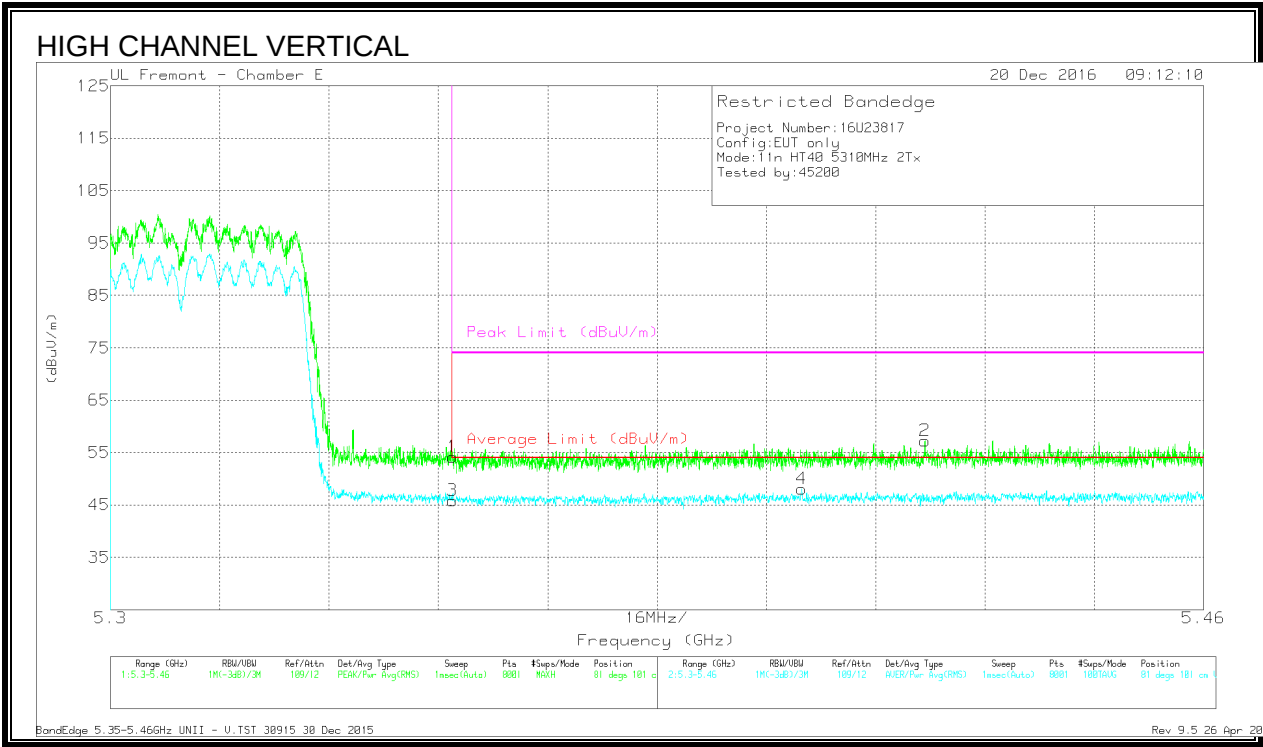


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.63	Pk	34.4	-19.3	0	58.73	-	-	74	-15.27	78	134	H
3	* 5.35	34.87	RMS	34.4	-19.3	.11	50.08	54	-3.92	-	-	78	134	H
4	* 5.353	35.67	RMS	34.4	-19.3	.11	50.88	54	-3.12	-	-	78	134	H
2	* 5.365	46.22	Pk	34.4	-19.4	0	61.22	-	-	74	-12.78	78	134	H

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

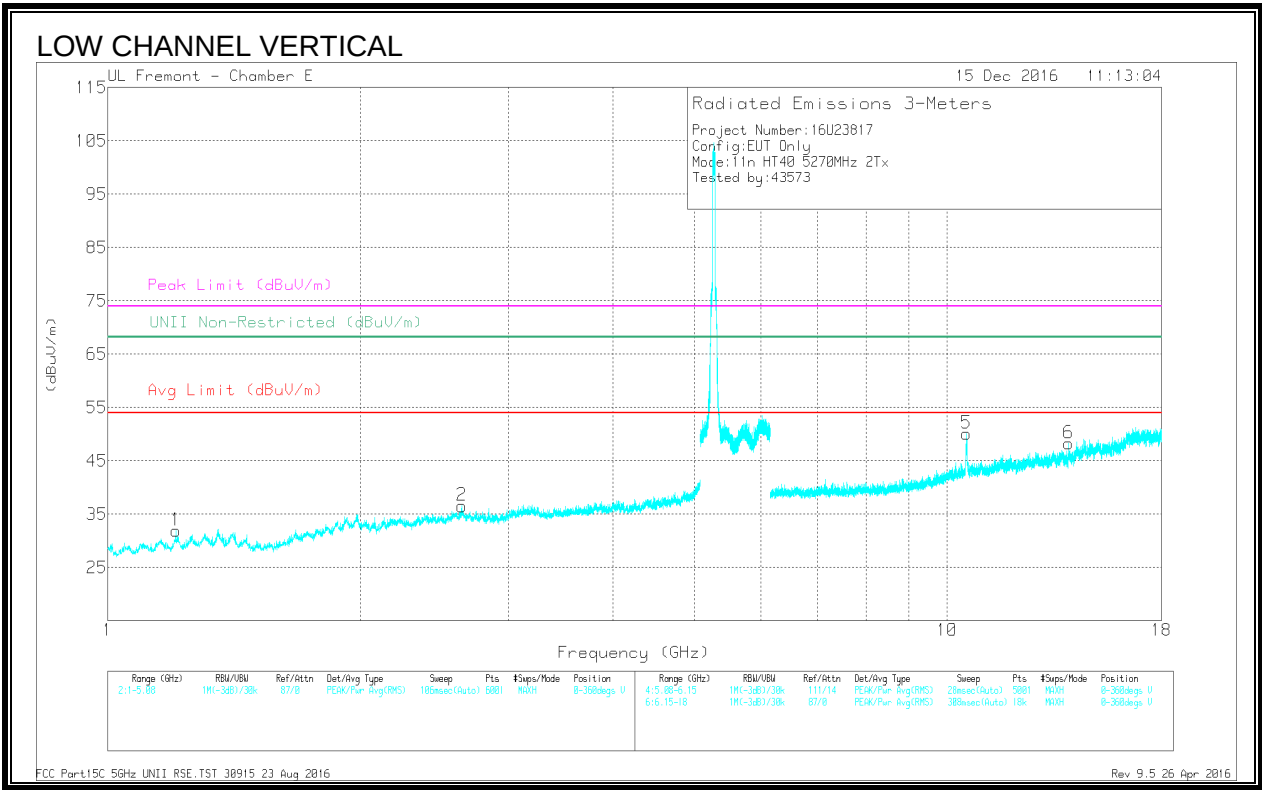
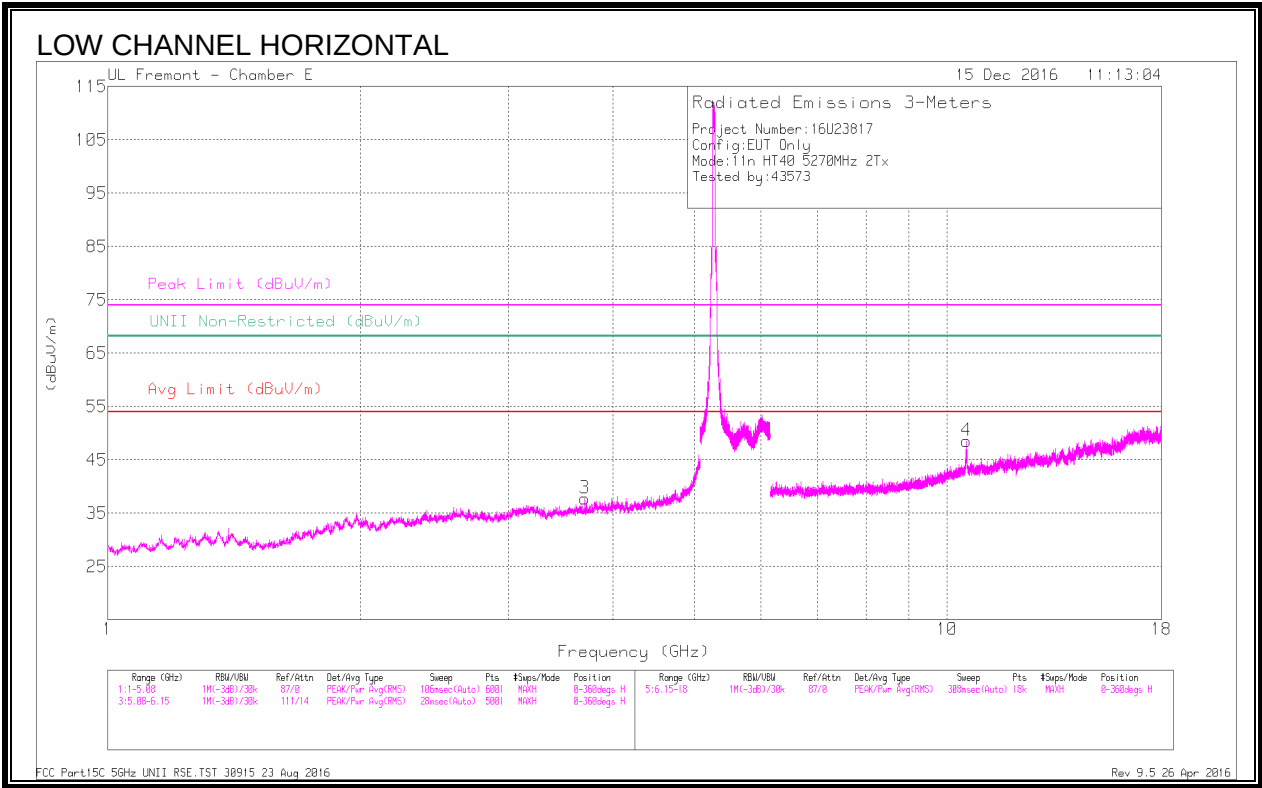
Pk - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Chl/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	39.04	Pk	34.4	-19.3	0	54.14	-	-	74	-19.86	81	101	V
3	* 5.35	30.65	RMS	34.4	-19.3	.11	45.86	54	-8.14	-	-	81	101	V
4	* 5.401	32.86	RMS	34.4	-19.3	.11	48.07	54	-5.93	-	-	81	101	V
2	* 5.419	42.14	Pk	34.4	-19.3	0	57.24	-	-	74	-16.76	81	101	V

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



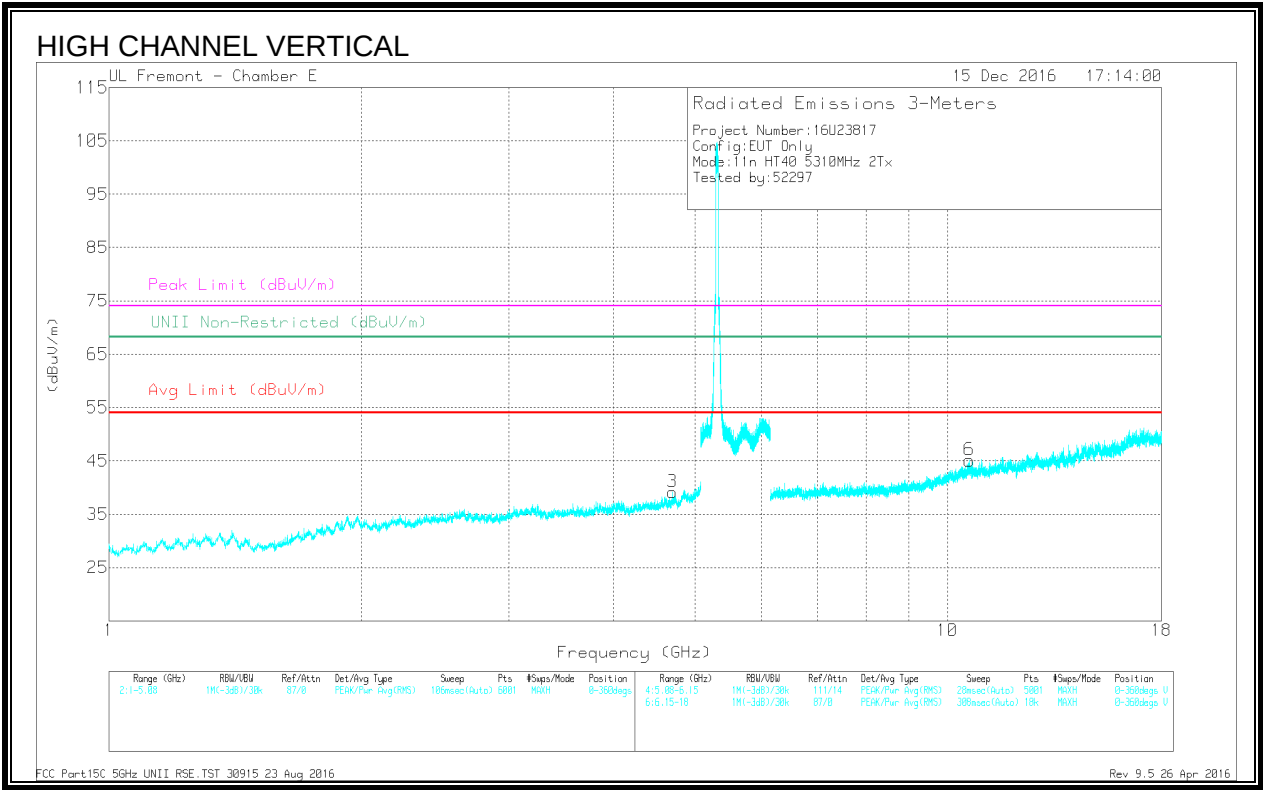
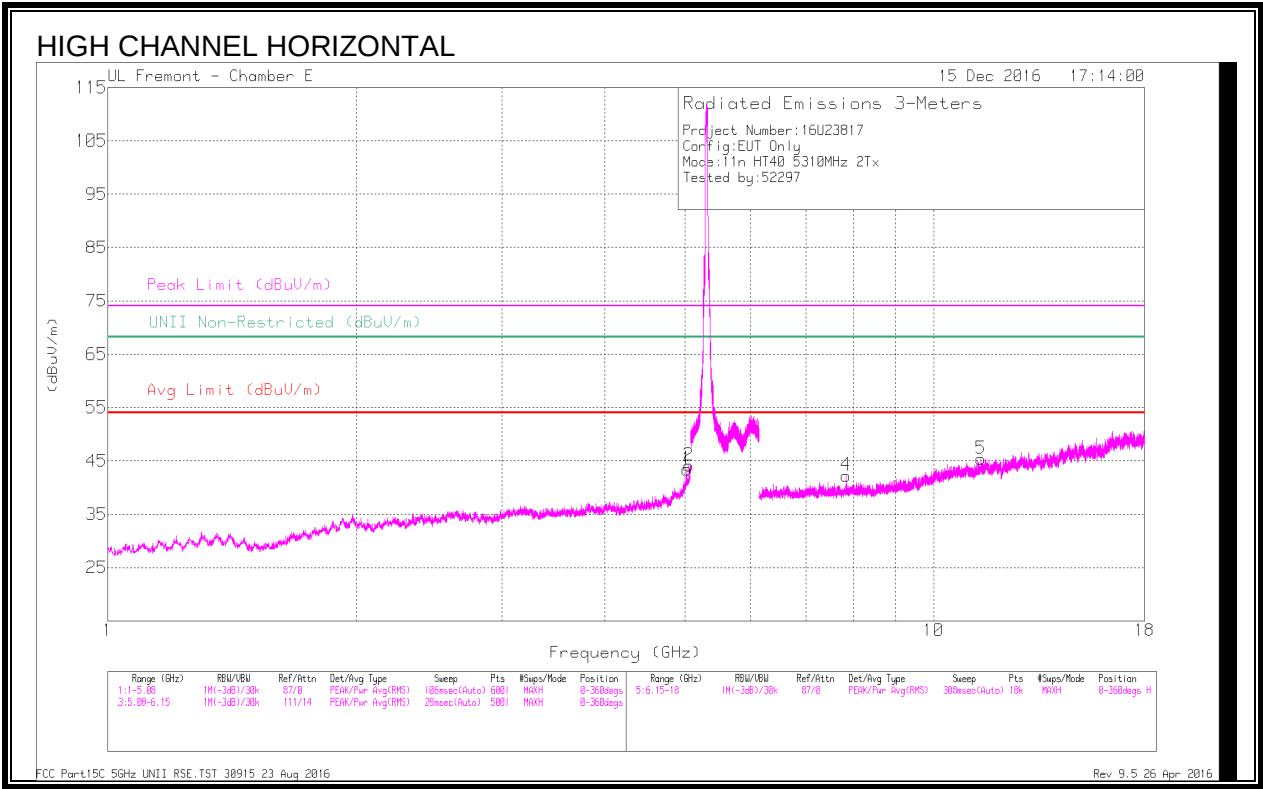
Radiated Emissions

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF1711 (dB/m)	Amp/Ch/Freq/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.207	44.76	PK-U	28.6	-35.5	0	37.86	-	-	74	-36.14	-	-	245	216	V
	* 1.207	33.58	ADR	28.6	-35.6	.11	26.69	54	-27.31	-	-	-	-	245	216	V
2	2.641	41.39	PK-U	32.6	-31	0	42.99	-	-	-	-	68.2	-25.21	0	232	V
3	* 3.698	40.13	PK-U	33.1	-30.8	0	42.43	-	-	74	-31.57	-	-	230	376	H
	* 3.697	29.77	ADR	33.1	-30.8	.11	32.18	54	-21.82	-	-	-	-	230	376	H
4	10.541	42.24	PK-U	37.9	-24.1	0	56.04	-	-	-	-	68.2	-12.16	30	197	H
5	10.541	44.67	PK-U	37.9	-24.1	0	58.47	-	-	-	-	68.2	-9.73	280	159	V
6	13.961	39.03	PK-U	38.7	-23.5	0	54.23	-	-	-	-	68.2	-13.97	10	365	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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)	Limit Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.026	43.96	PK-U	34	-28.4	0	49.56	-	-	74	-24.44	-	-	83	147	H
	* 5.027	33.31	ADR	34	-28.4	.11	39.02	54	-14.98	-	-	-	-	83	147	H
2	* 5.053	43.81	PK-U	34	-28	0	49.81	-	-	74	-24.19	-	-	82	118	H
	* 5.053	33.4	ADR	34	-28	.11	39.51	54	-14.49	-	-	-	-	82	118	H
3	* 4.703	39.82	PK-U	34	-28.8	0	45.02	-	-	74	-28.98	-	-	173	114	V
	* 4.702	28.72	ADR	34	-28.9	.11	33.93	54	-20.07	-	-	-	-	173	114	V
4	7.843	37.65	PK-U	35.7	-26.1	0	47.25	-	-	-	-	68.2	-20.95	34	269	H
5	* 11.419	36.08	PK-U	38.2	-23.1	0	51.18	-	-	74	-22.82	-	-	6	117	H
	* 11.416	25.24	ADR	38.2	-23	.11	40.55	54	-13.45	-	-	-	-	6	117	H
6	* 10.619	39.38	PK-U	37.9	-24.3	0	52.98	-	-	74	-21.02	-	-	121	108	V
	* 10.62	27.79	ADR	37.9	-24.2	.11	41.6	54	-12.4	-	-	-	-	121	108	V

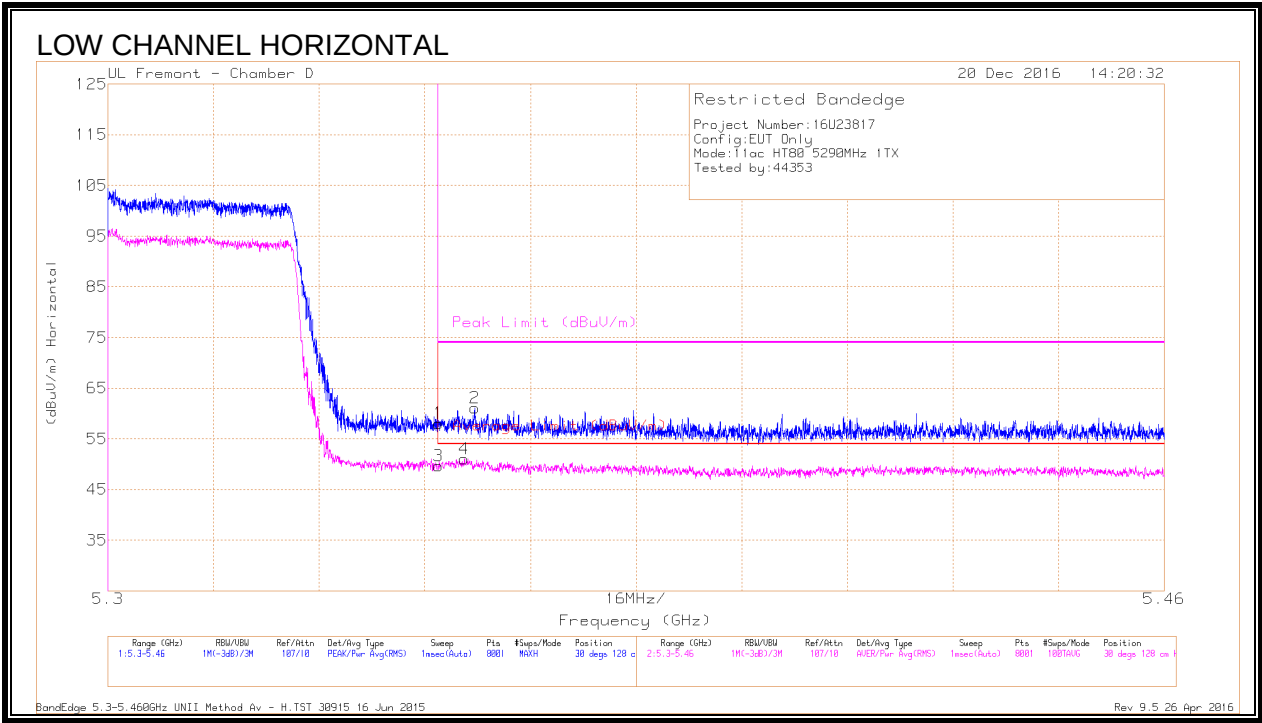
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

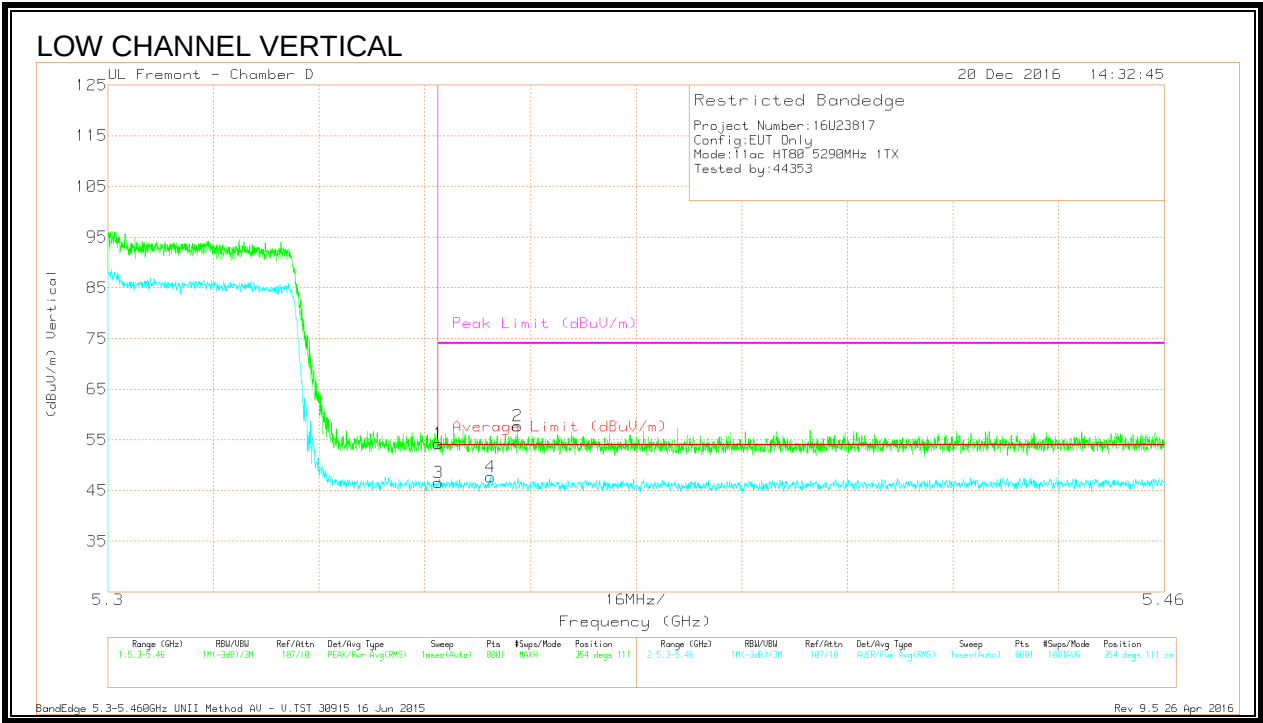
9.2.16. 11ac HT80 ANTENNA A SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	42.15	Pk	34.3	-18.4	0	58.05	-	-	74	-15.95	30	128	H
2	* 5.356	45.13	Pk	34.4	-18.4	0	61.13	-	-	74	-12.87	30	128	H
3	* 5.35	33.55	RMS	34.3	-18.4	.2	49.65	54	-4.35	-	-	30	128	H
4	* 5.354	34.94	RMS	34.3	-18.4	.2	51.04	54	-2.96	-	-	30	128	H

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

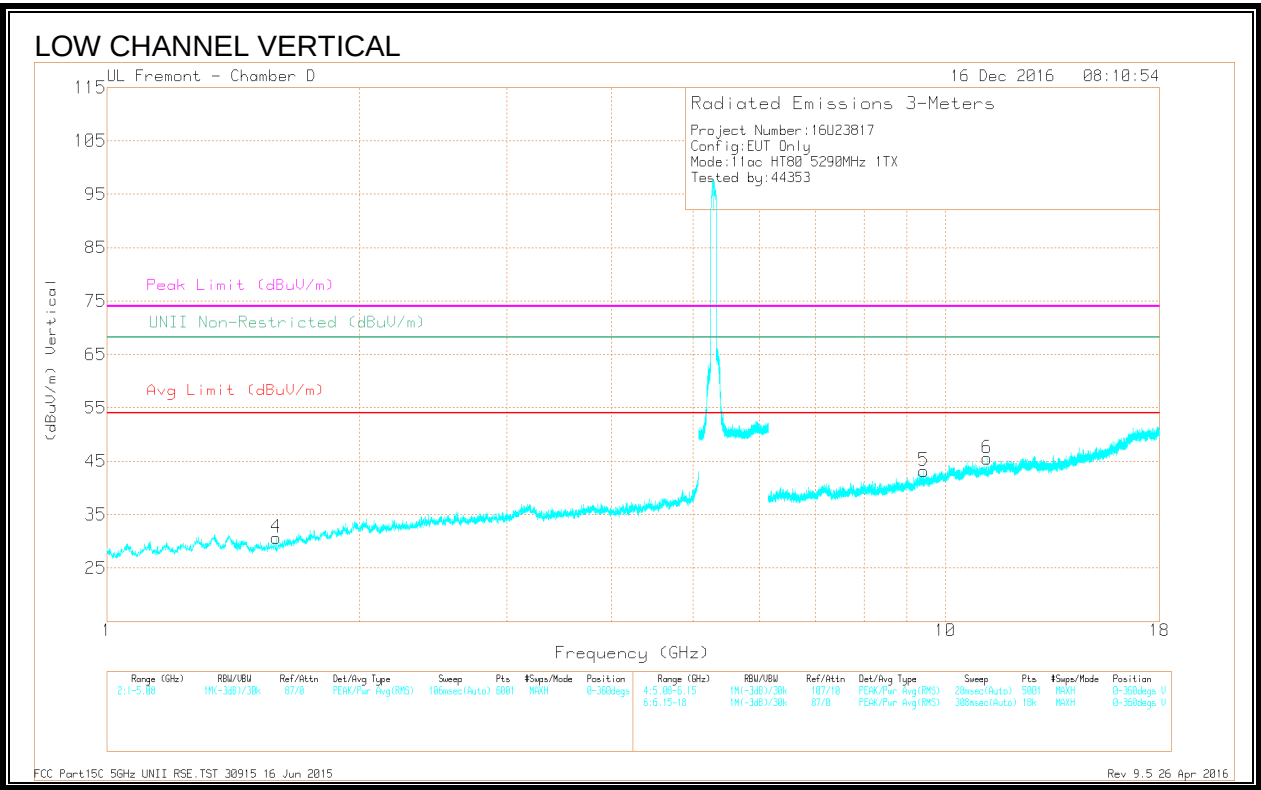
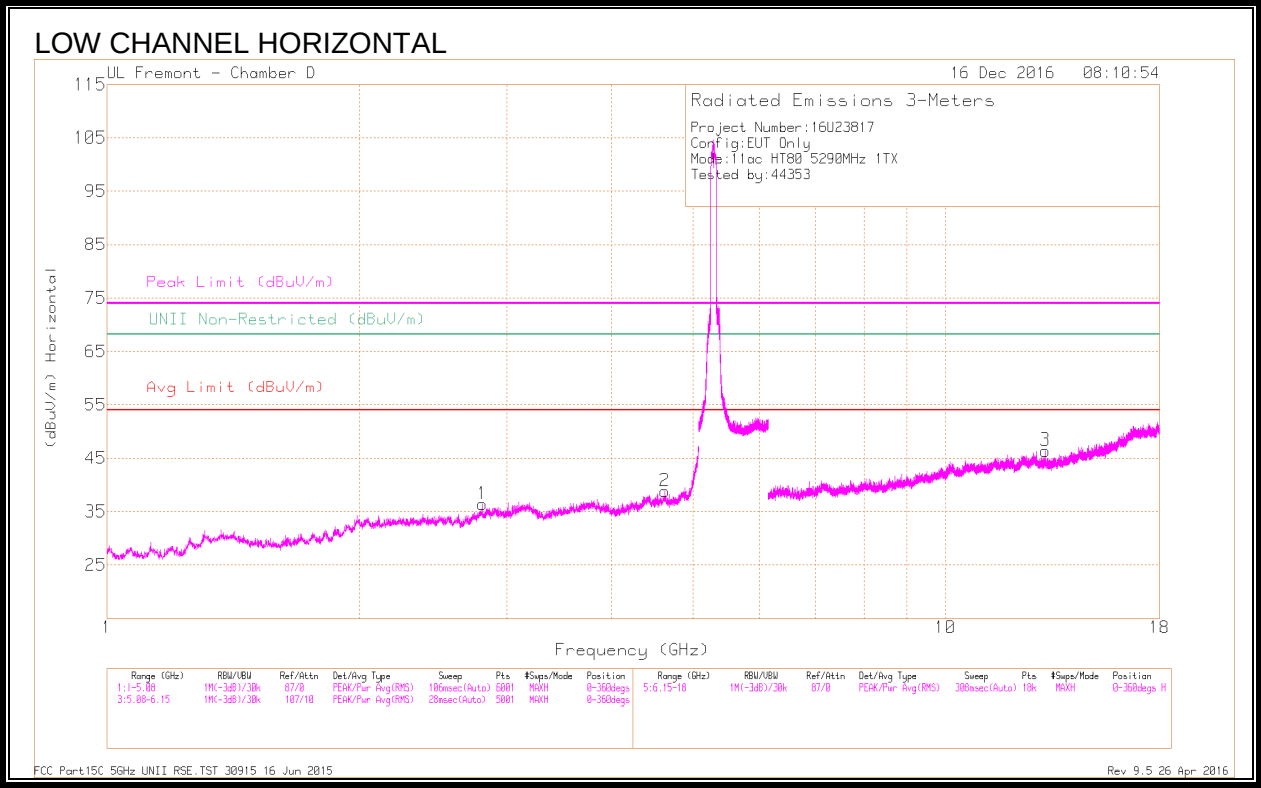


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	38.37	Pk	34.3	-18.4	0	54.27	-	-	74	-19.73	354	111	V
2	* 5.362	41.69	Pk	34.4	-18.4	0	57.69	-	-	74	-16.31	354	111	V
3	* 5.35	30.45	RMS	34.3	-18.4	-2	46.55	54	-7.45	-	-	354	111	V
4	* 5.358	31.44	RMS	34.4	-18.4	-2	47.64	54	-6.36	-	-	354	111	V

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

Pk - Peak detector

RMS - RMS detection



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 7712 (dB/m)	Amp/CM/Hz/Fed (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	* 2.805	39.23	PK-U	32.3	-29.5	0	42.03	-	-	74	-31.97	-	-	271	183	H
	* 2.805	28.32	ADR	32.3	-29.5	.2	31.32	54	-22.68	-	-	-	-	271	183	H
2	* 4.63	37.46	PK-U	34.1	-26.9	0	44.66	-	-	74	-29.34	-	-	124	232	H
	* 4.632	27.02	ADR	34.1	-27	.2	34.32	54	-19.68	-	-	-	-	124	232	H
3	13.151	35.15	PK-U	39	-22	0	52.15	-	-	-	-	68.2	-16.05	226	240	H
4	* 1.593	40.82	PK-U	28	-31.9	0	36.92	-	-	74	-37.08	-	-	56	103	V
	* 1.592	29.75	ADR	28	-31.8	.2	26.15	54	-27.85	-	-	-	-	56	103	V
5	* 9.422	34.03	PK-U	36.6	-22	0	48.63	-	-	74	-25.37	-	-	312	159	V
	* 9.424	24.06	ADR	36.6	-22	.2	38.86	54	-15.14	-	-	-	-	312	159	V
6	* 11.211	33.6	PK-U	38.2	-21.4	0	50.4	-	-	74	-23.6	-	-	133	371	V
	* 11.21	23.8	ADR	38.2	-21.4	.2	40.8	54	-13.2	-	-	-	-	133	371	V

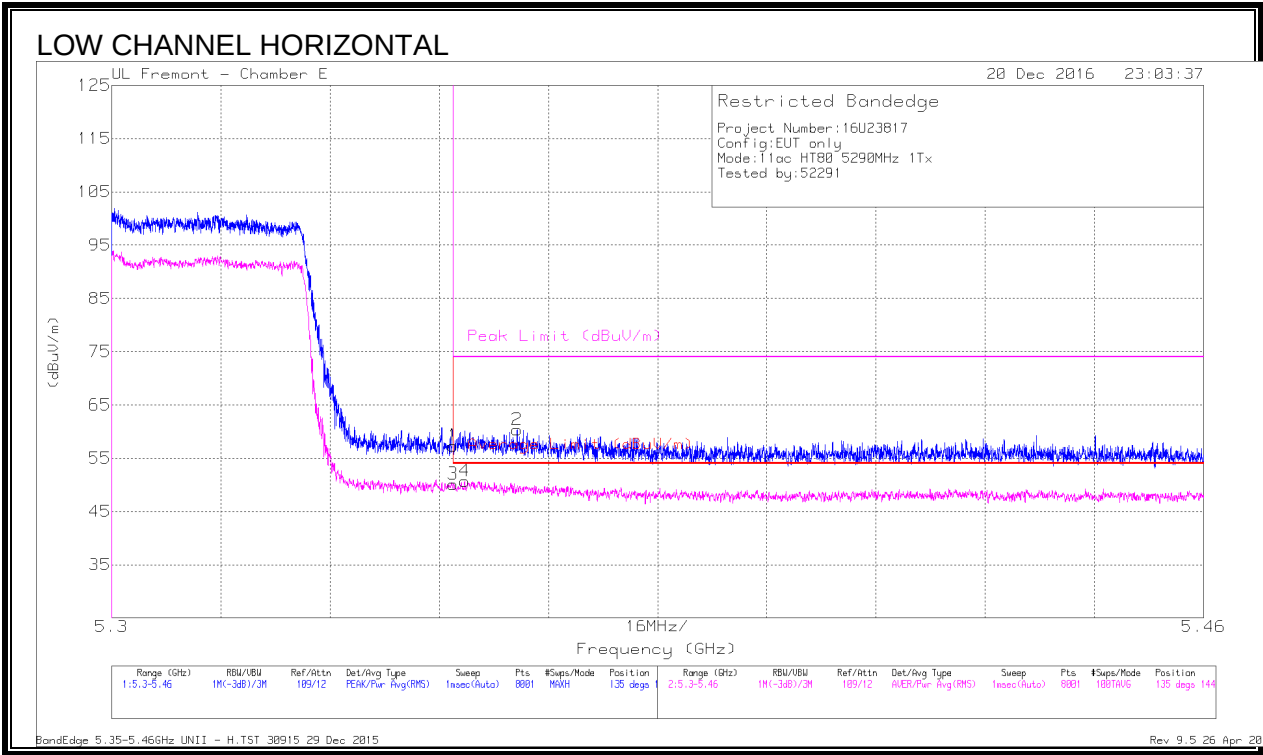
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.17. 11ac HT80 ANTENNA B SISO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

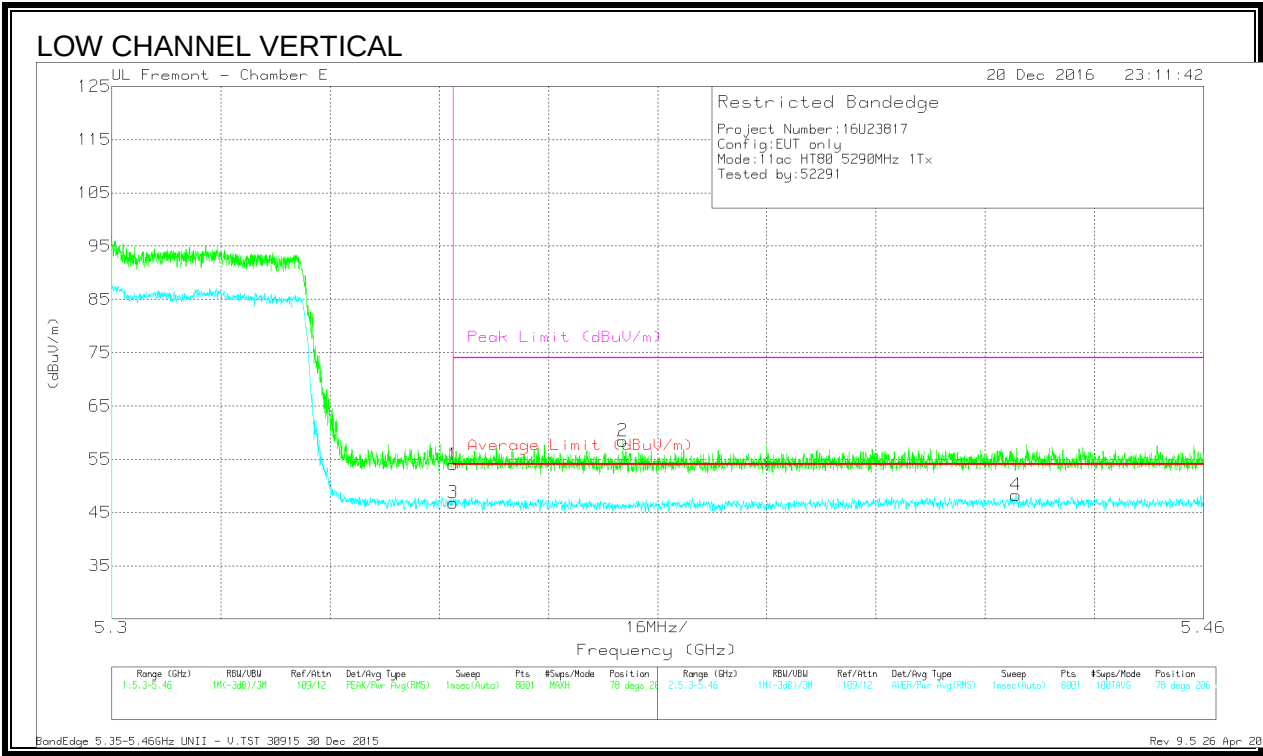


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.25	Pk	34.4	-19.3	0	57.35	-	-	74	-16.65	135	144	H
3	* 5.35	35.01	RMS	34.4	-19.3	.2	50.31	54	-3.69	-	-	135	144	H
4	* 5.352	35.56	RMS	34.4	-19.3	.2	50.86	54	-3.14	-	-	135	144	H
2	* 5.359	45.22	Pk	34.4	-19.3	0	60.32	-	-	74	-13.68	135	144	H

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

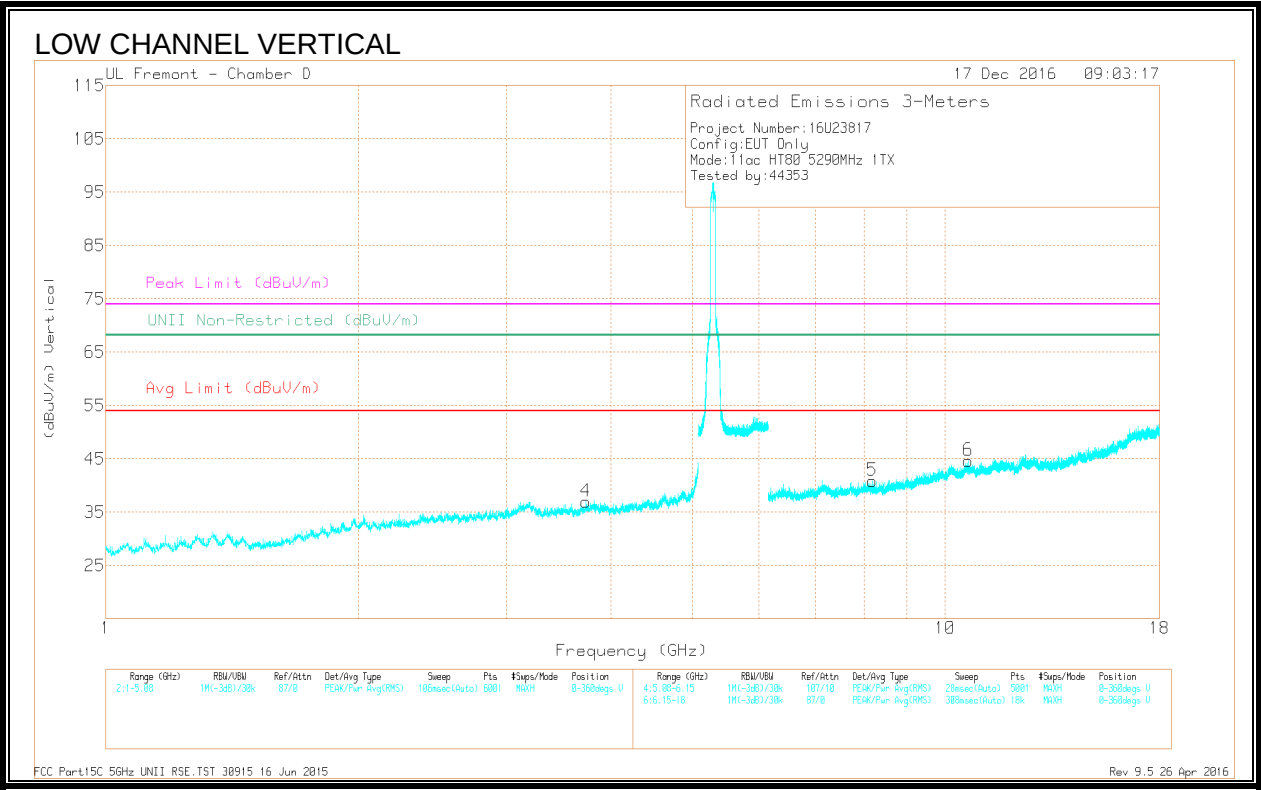
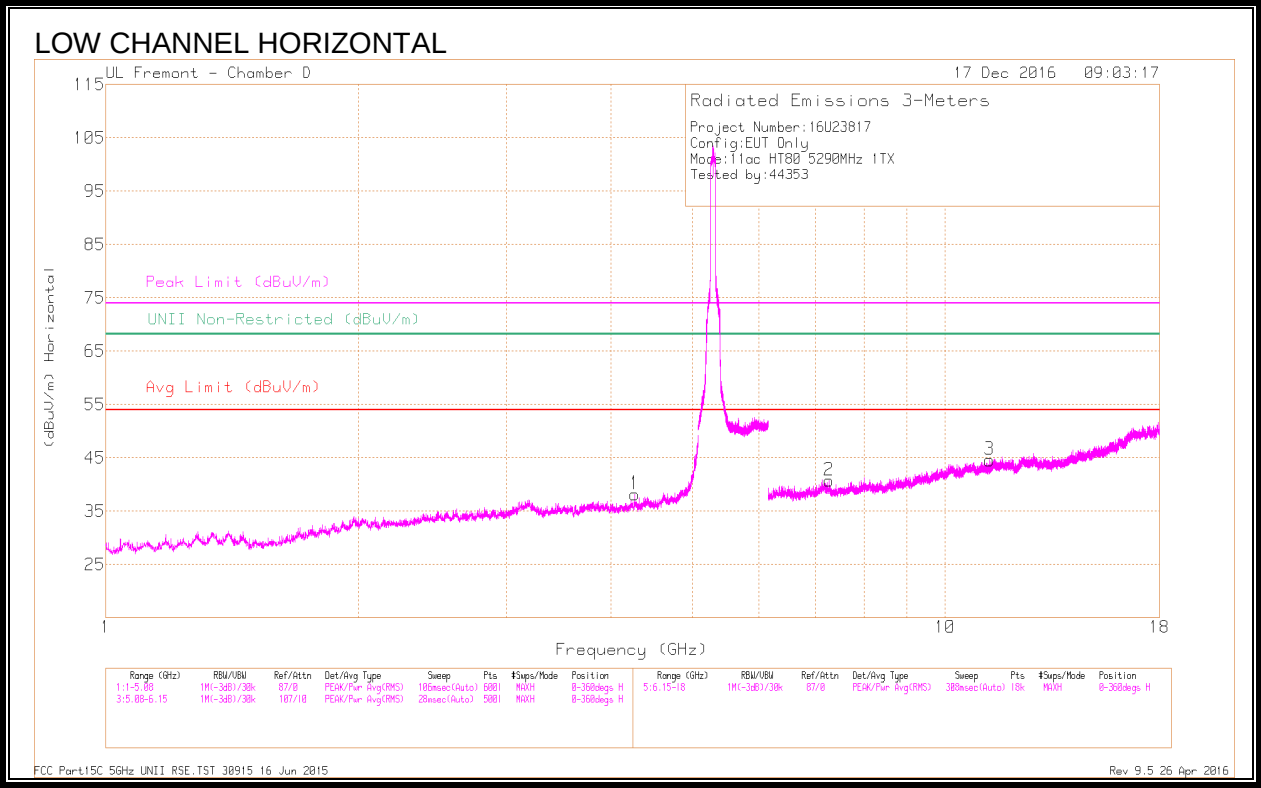
Pk - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (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)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.89	Pk	34.4	-19.3	0	53.99	-	-	74	-20.01	78	206	V
3	* 5.35	31.72	RMS	34.4	-19.3	.2	47.02	54	-6.98	-	-	78	206	V
2	* 5.375	43.43	Pk	34.4	-19.4	0	58.43	-	-	74	-15.57	78	206	V
4	* 5.433	33.17	RMS	34.4	-19.3	.2	48.47	54	-5.53	-	-	78	206	V

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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/ftz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.269	37.56	PK-U	33.5	-27.5	0	43.56	-	-	74	-30.44	-	-	72	164	H
	* 4.271	27.78	ADR	33.5	-27.5	.2	33.98	54	-20.02	-	-	-	-	72	164	H
2	* 7.276	36.76	PK-U	35.7	-24.9	0	47.56	-	-	74	-26.44	-	-	146	284	H
	* 7.277	25.66	ADR	35.7	-25	.2	36.56	54	-17.44	-	-	-	-	146	284	H
3	* 11.287	33.92	PK-U	38.3	-21.7	0	50.52	-	-	74	-23.48	-	-	117	180	H
	* 11.287	23.75	ADR	38.3	-21.7	.2	40.55	54	-13.45	-	-	-	-	117	180	H
4	* 3.733	38.73	PK-U	33.5	-29	0	43.23	-	-	74	-30.77	-	-	310	115	V
	* 3.734	28.19	ADR	33.5	-29	.2	32.89	54	-21.11	-	-	-	-	310	115	V
5	* 8.184	35.01	PK-U	35.8	-24.1	0	46.71	-	-	74	-27.29	-	-	268	331	V
	* 8.186	24.93	ADR	35.8	-24.2	.2	36.73	54	-17.27	-	-	-	-	268	331	V
6	* 10.652	34.85	PK-U	37.8	-21.8	0	50.85	-	-	74	-23.15	-	-	129	102	V
	* 10.652	24.34	ADR	37.8	-21.8	.2	40.54	54	-13.46	-	-	-	-	129	102	V

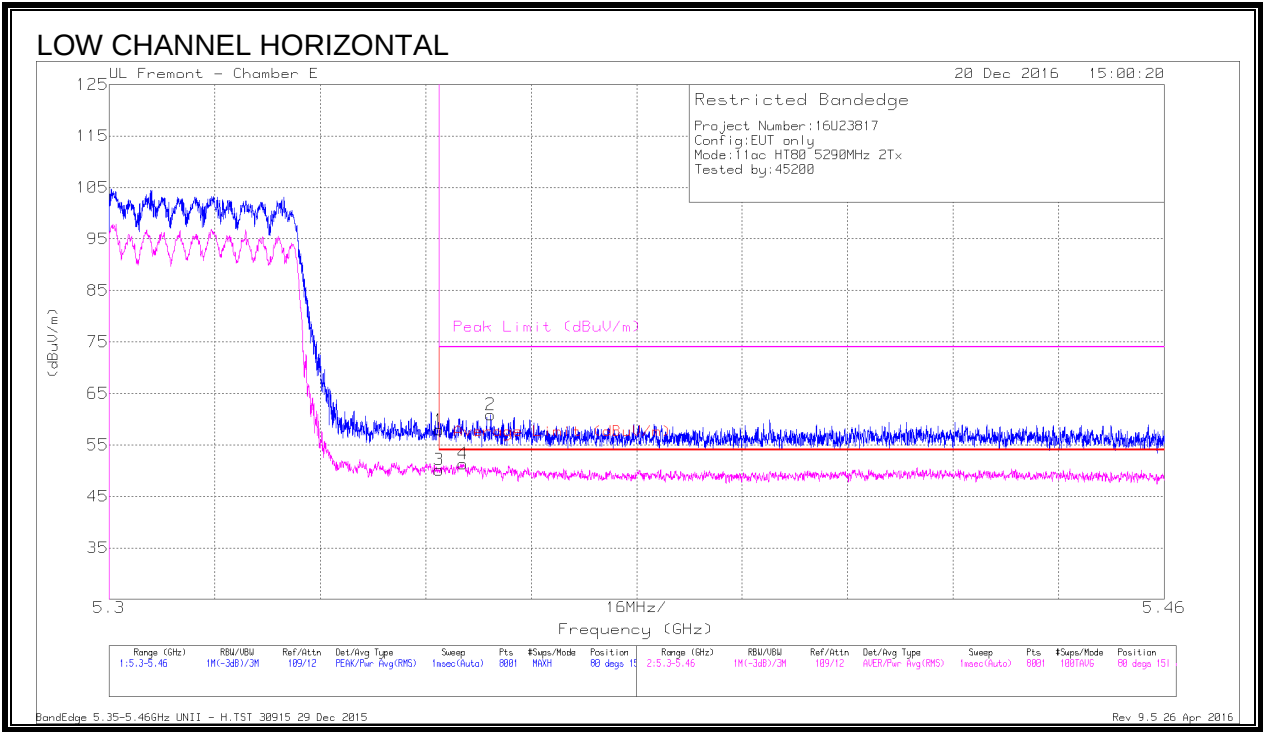
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.18. 11ac HT80 2TX CDD MIMO MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

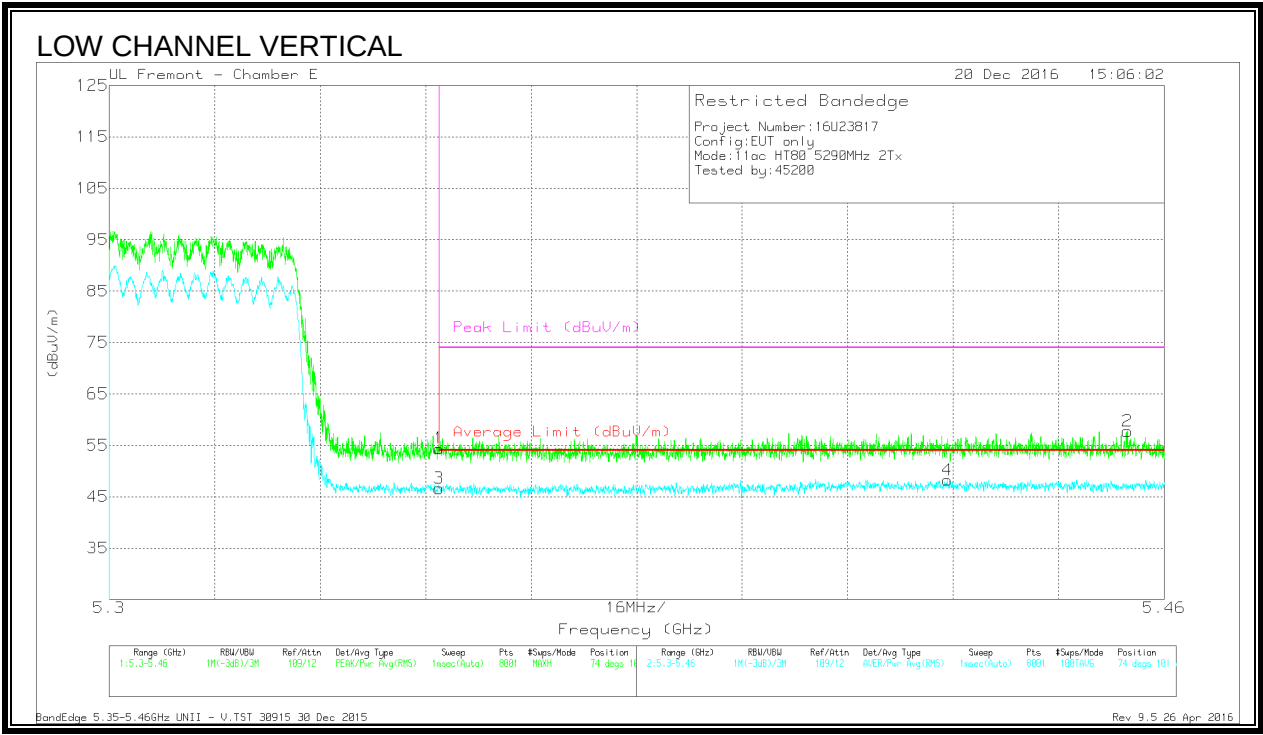


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	42.8	Pk	34.4	-19.3	0	57.9	-	-	74	-16.1	80	151	H
2	* 5.358	45.77	Pk	34.4	-19.3	0	60.87	-	-	74	-13.13	80	151	H
3	* 5.35	34.85	RMS	34.4	-19.3	.2	50.15	54	-3.85	-	-	80	151	H
4	* 5.354	36.04	RMS	34.4	-19.3	.2	51.34	54	-2.66	-	-	80	151	H

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

Pk - Peak detector

RMS - RMS detection

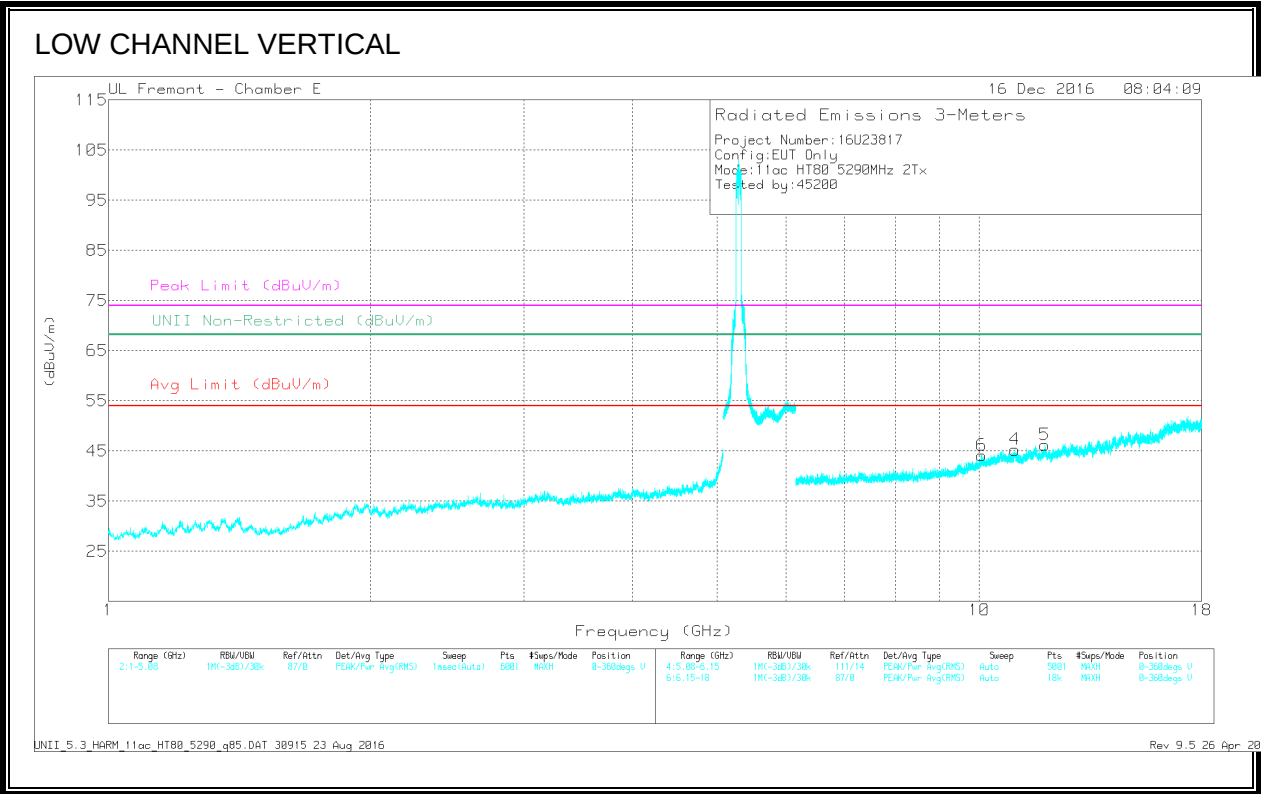
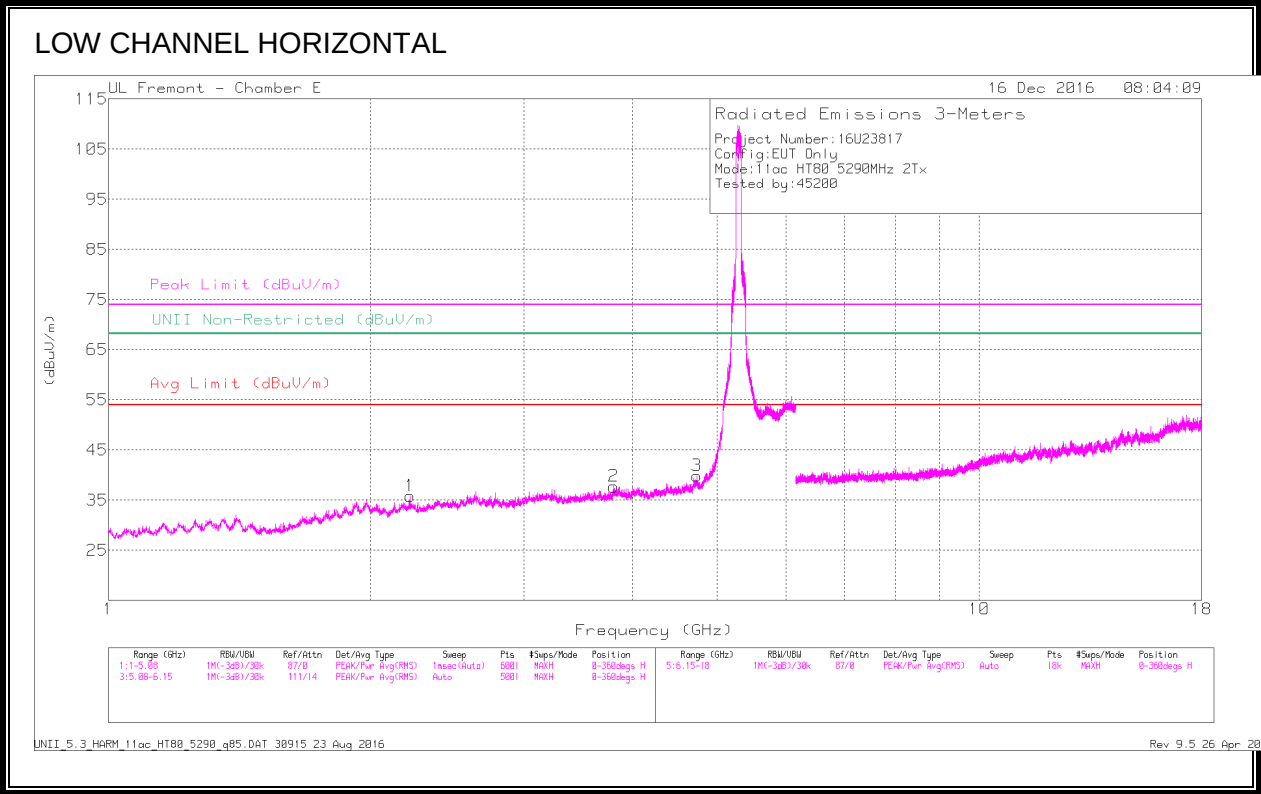


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.32	Pk	34.4	-19.3	0	54.42	-	-	74	-19.58	74	101	V
2	* 5.454	42.63	Pk	34.4	-19.3	0	57.73	-	-	74	-16.27	74	101	V
3	* 5.35	31.51	RMS	34.4	-19.3	.2	46.81	54	-7.19	-	-	74	101	V
4	* 5.427	33.13	RMS	34.4	-19.3	.2	48.43	54	-5.57	-	-	74	101	V

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

Pk - Peak detector

RMS - RMS detection



Marker	Frequency (Ghz)	Meter Reading (dBuV)	Det	AF 1711 (dB/m)	Amp/Ch/Filt/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 (m)	Polarity
4	* 2.219	42.48	PK-U	31.8	-32.5	0	41.78	-	-	74	-32.22	-	-	14	279	H
	* 2.218	31.1	ADR	31.8	-32.4	.2	30.7	54	-23.3	-	-	-	-	14	279	H
5	* 3.804	41.36	PK-U	33.1	-29.9	0	44.56	-	-	74	-29.44	-	-	278	246	H
	* 3.802	29.86	ADR	33.1	-29.9	.2	33.26	54	-20.74	-	-	-	-	278	246	H
1	* 4.735	42.09	PK-U	34	-29	0	47.09	-	-	74	-26.91	-	-	250	160	H
	* 4.738	30.67	ADR	34	-28.9	.2	35.97	54	-18.03	-	-	-	-	250	160	H
2	* 10.983	35.46	PK-U	38	-22.1	0	51.36	-	-	74	-22.64	-	-	156	211	V
	* 10.984	25.46	ADR	38	-22.1	.2	41.56	54	-12.44	-	-	-	-	156	211	V
3	* 11.891	36.5	PK-U	38.8	-23.2	0	52.1	-	-	74	-21.9	-	-	225	356	V
	* 11.893	26.15	ADR	38.8	-23.2	.2	41.95	54	-12.05	-	-	-	-	225	356	V
6	10.068	36.18	PK-U	37.3	-22.8	0	50.68	-	-	-	-	68.2	-17.52	288	119	V

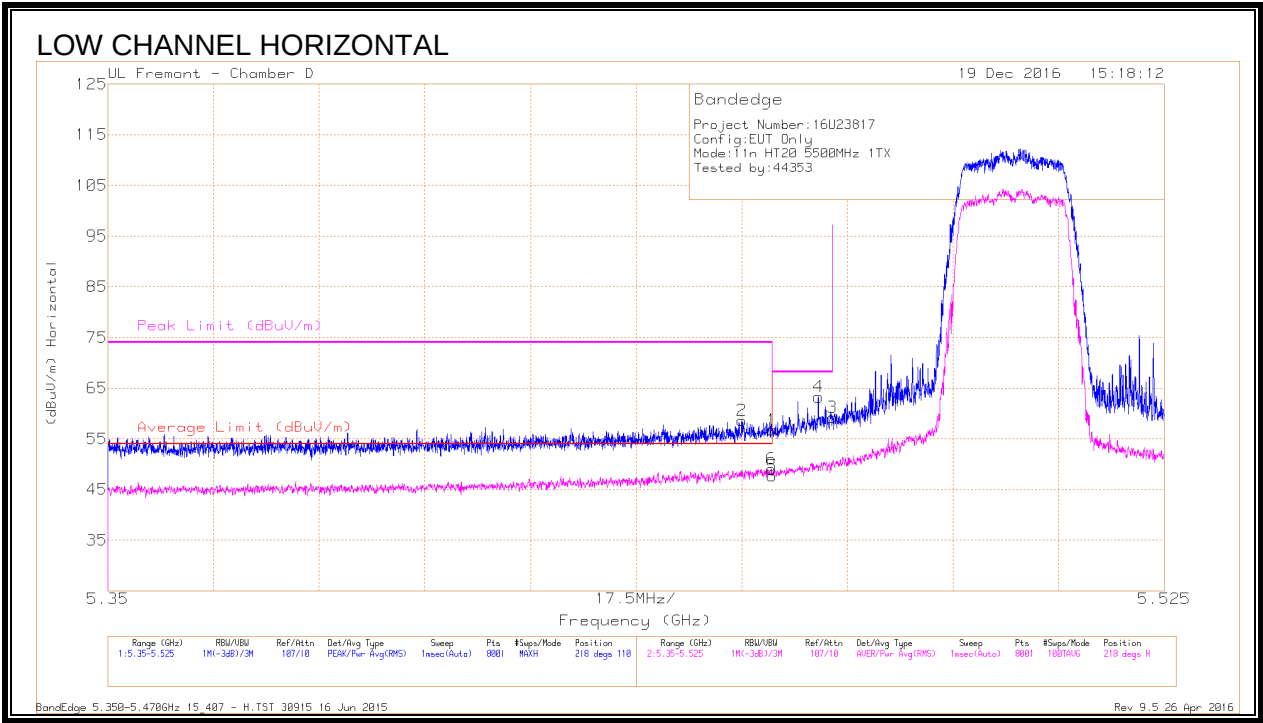
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

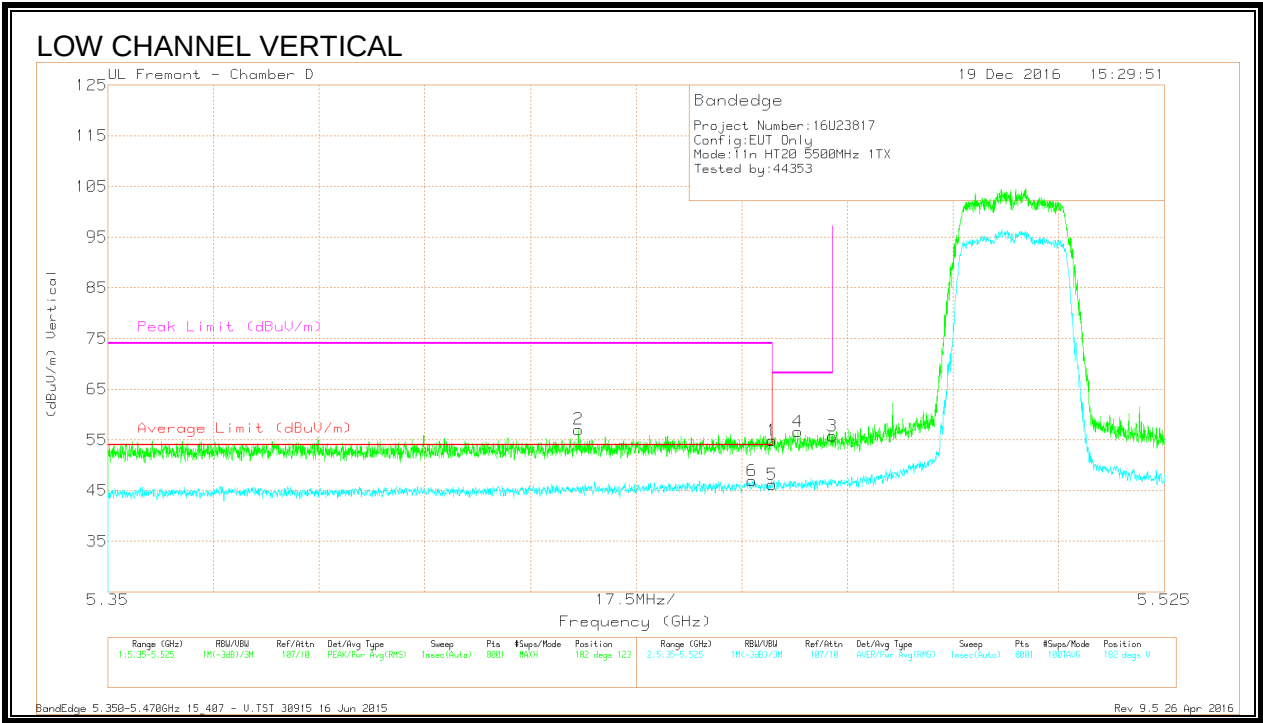
9.2.19. 11n HT20 ANTENNA A SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT712 (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	40.29	Pk	34.4	-17.9	56.79	-	-	74	-17.21	218	110	H
2	* 5.455	42.23	Pk	34.4	-18	58.63	-	-	74	-15.37	218	110	H
5	* 5.46	31.15	RMS	34.4	-17.9	47.65	54	-6.35	-	-	218	110	H
6	* 5.46	32.57	RMS	34.4	-17.9	49.07	54	-4.93	-	-	218	110	H
4	5.468	46.77	Pk	34.4	-17.9	63.27	-	-	68.2	-4.93	218	110	H
3	5.47	42.78	Pk	34.4	-17.9	59.28	-	-	68.2	-8.92	218	110	H

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

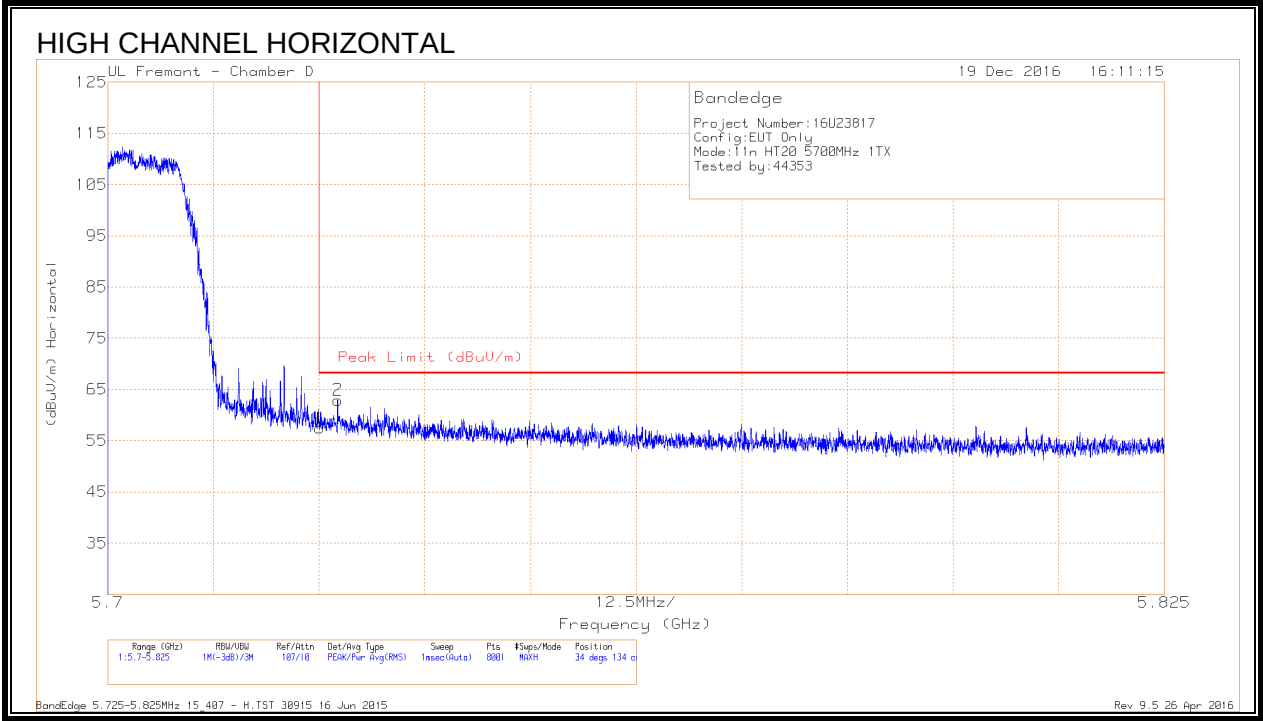


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.38	Pk	34.4	-17.9	54.88	-	-	74	-19.12	182	123	V
2	* 5.428	40.76	Pk	34.4	-18.1	57.06	-	-	74	-16.94	182	123	V
5	* 5.46	29.69	RMS	34.4	-17.9	46.19	54	-7.81	-	-	182	123	V
6	* 5.457	30.56	RMS	34.4	-18	46.96	54	-7.04	-	-	182	123	V
4	5.464	40.12	Pk	34.4	-17.9	56.62	-	-	68.2	-11.58	182	123	V
3	5.47	39.29	Pk	34.4	-17.9	55.79	-	-	68.2	-12.41	182	123	V

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

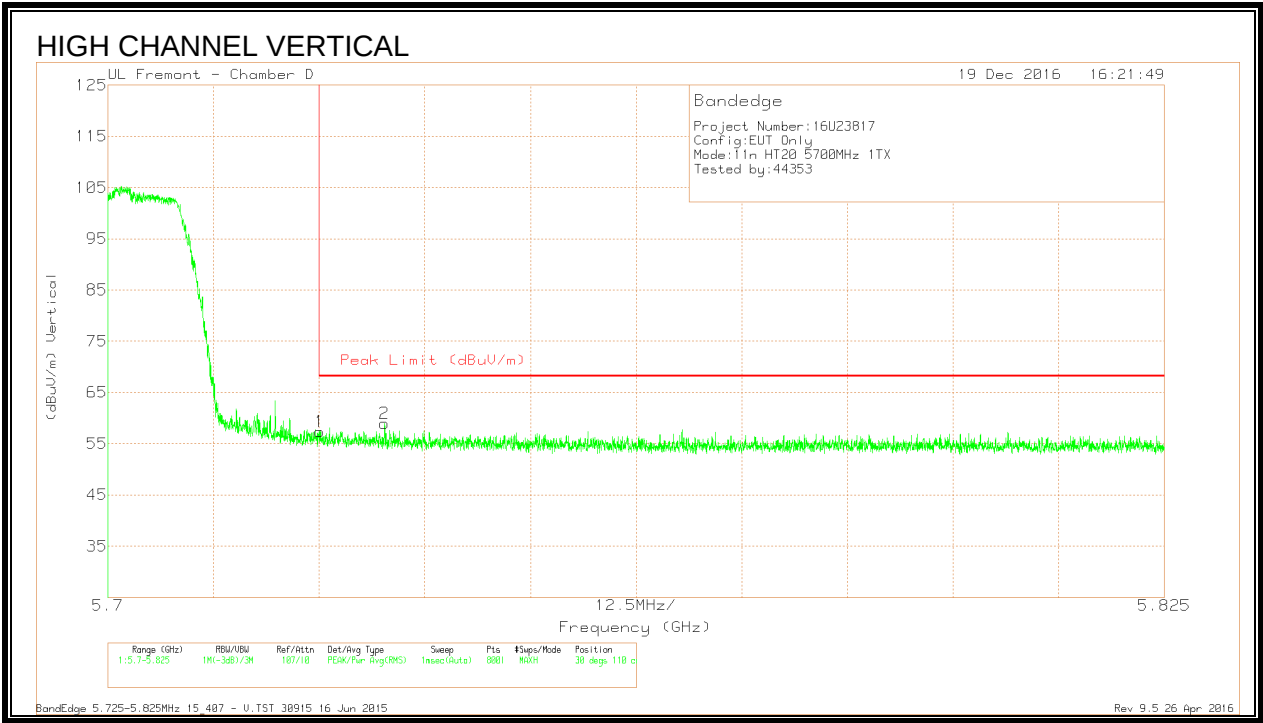
Pk - Peak detector

RMS - RMS detection



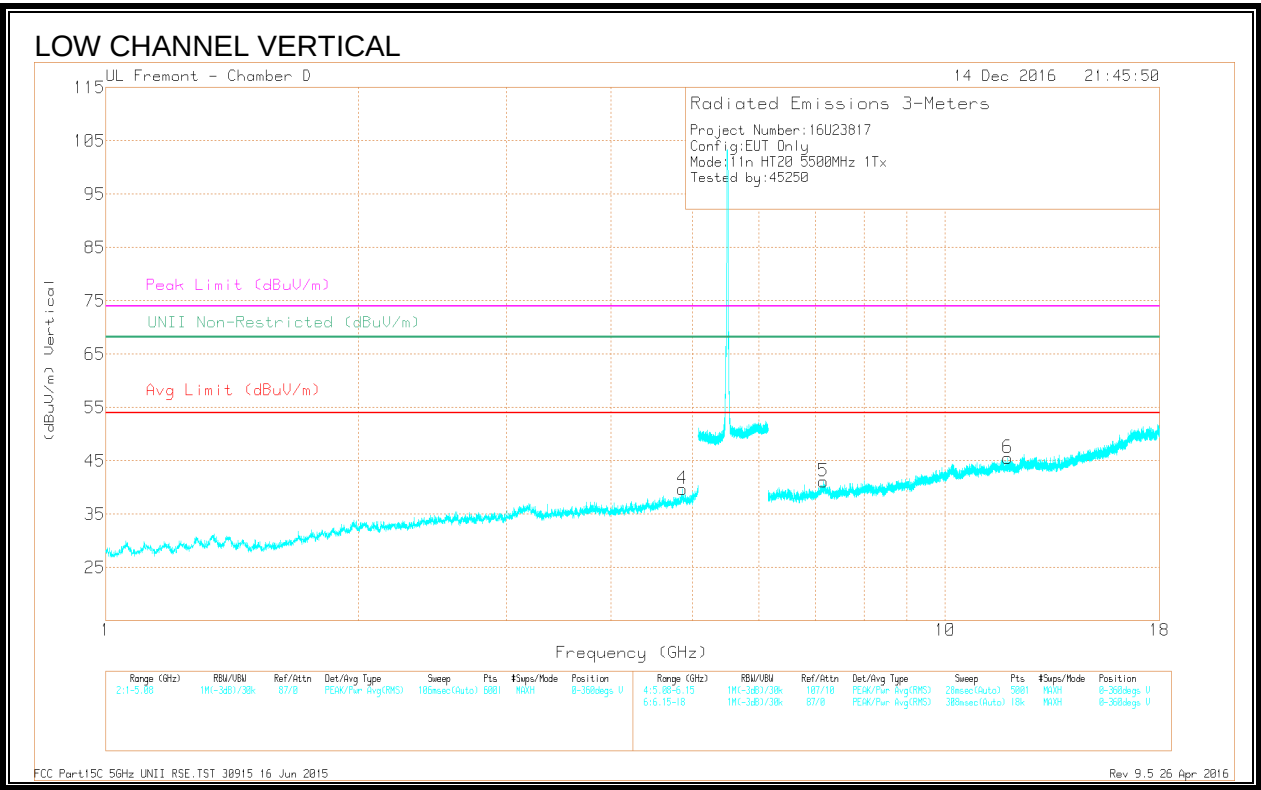
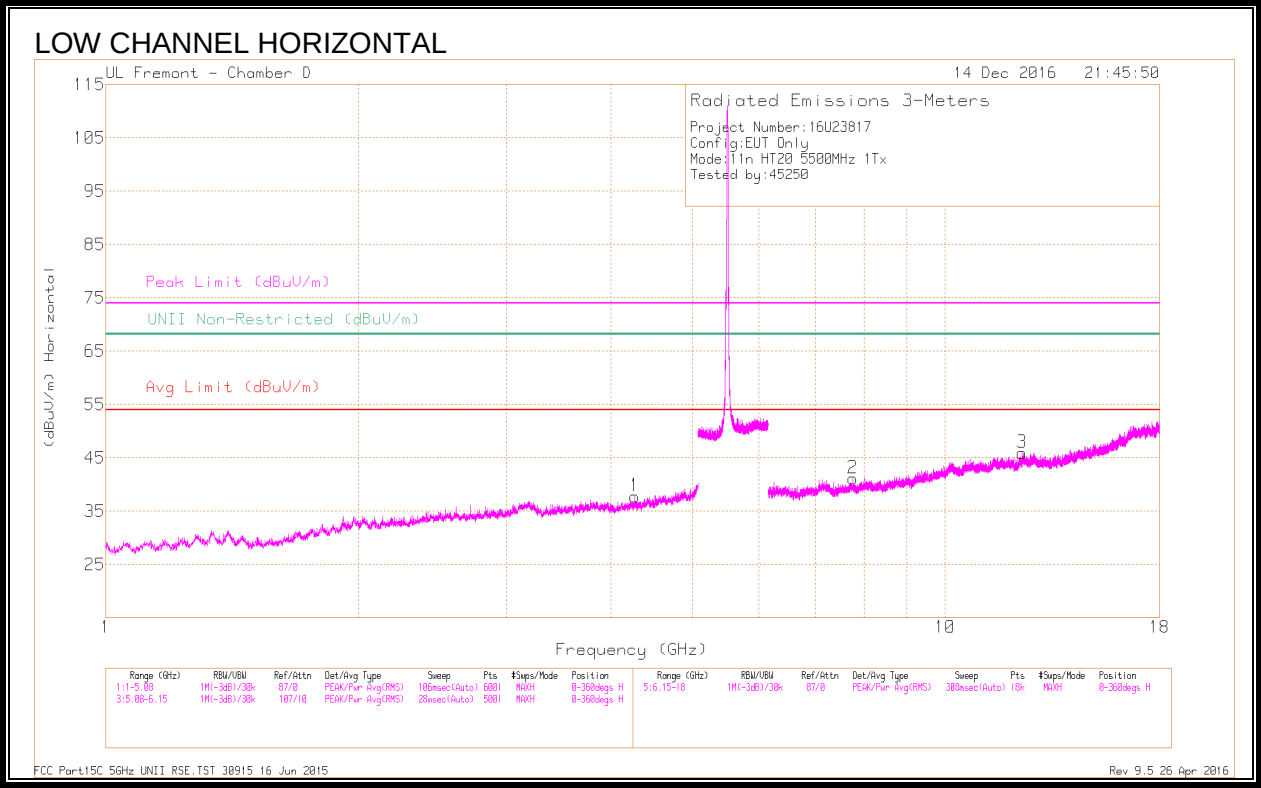
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.16	Pk	34.8	-17.5	57.46	68.2	-10.74	34	134	H
2	5.727	45.65	Pk	34.8	-17.5	62.95	68.2	-5.25	34	134	H

Pk - Peak detector



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	40.03	Pk	34.8	-17.5	57.33	68.2	-10.87	30	110	V
2	5.733	41.7	Pk	34.8	-17.5	59	68.2	-9.2	30	110	V

Pk - Peak detector



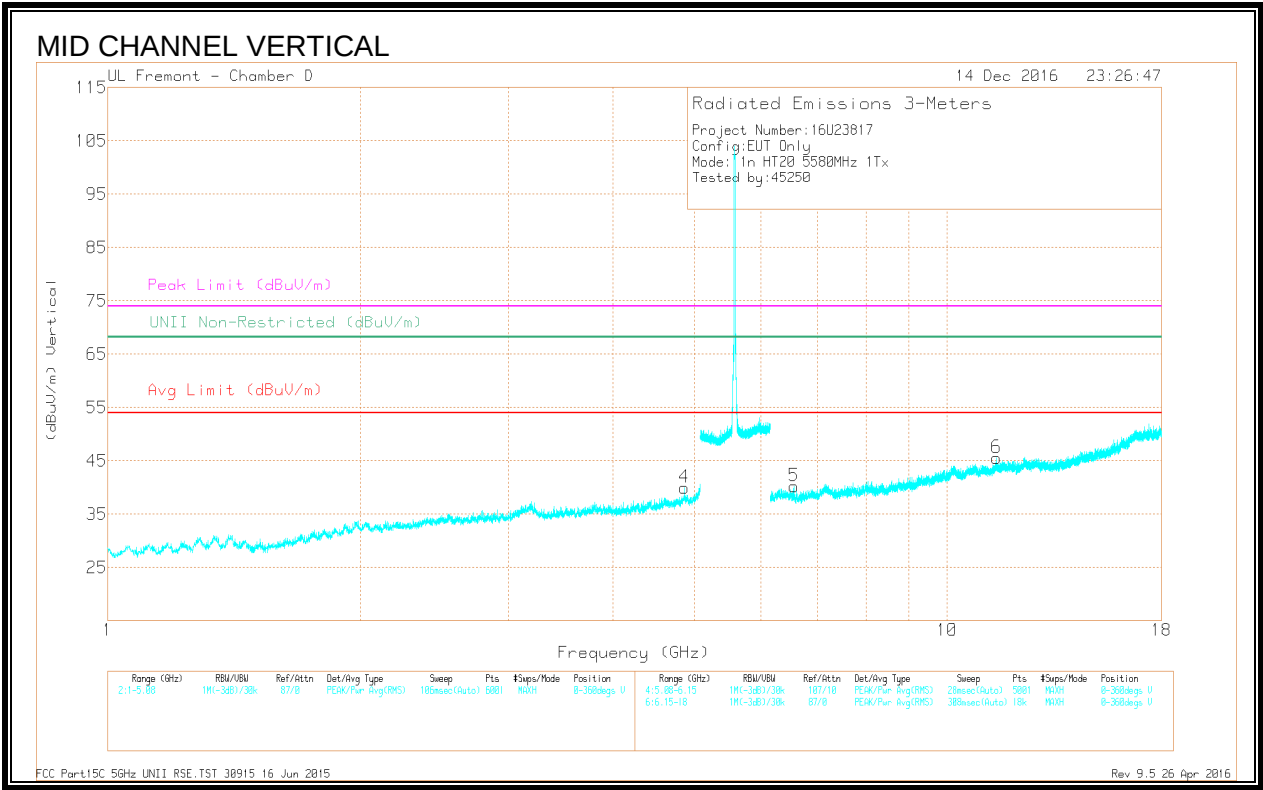
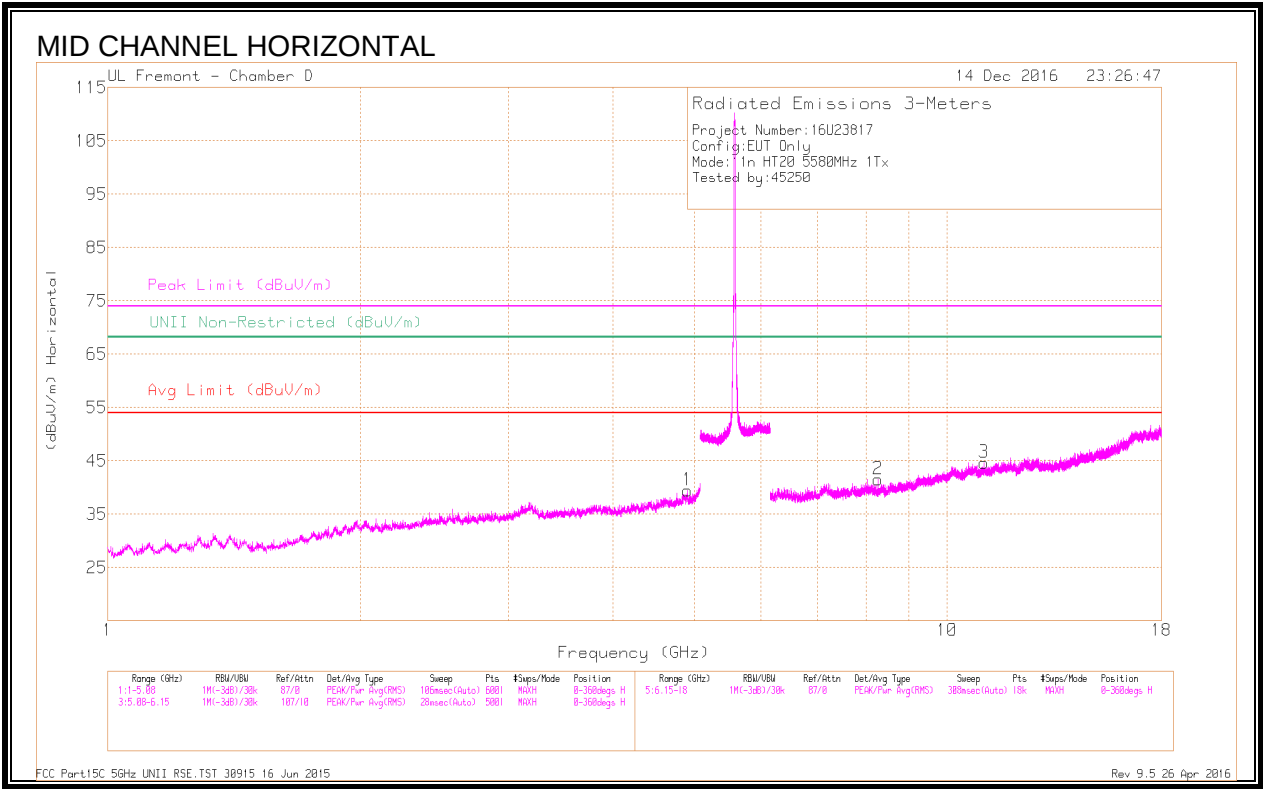
Radiated Emissions

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)	Polarity
1	* 4.271	38.8	PK-U	33.5	-27.5	44.8	-	-	74	-29.2	-	-	14	344	H
	* 4.269	27.74	ADR	33.5	-27.5	33.74	54	-20.26	-	-	-	-	14	344	H
2	7.761	35.57	PK-U	35.8	-24.2	47.17	-	-	-	-	68.2	-21.03	7	233	H
3	* 12.356	34.87	PK-U	39	-21	52.87	-	-	74	-21.13	-	-	248	318	H
	* 12.356	24.07	ADR	39	-21	42.07	54	-11.93	-	-	-	-	248	318	H
4	* 4.861	36.65	PK-U	34.1	-25.5	45.25	-	-	74	-28.75	-	-	59	360	V
	* 4.86	25.89	ADR	34.1	-25.5	34.49	54	-19.51	-	-	-	-	59	360	V
5	7.154	35.38	PK-U	35.7	-23.9	47.18	-	-	-	-	68.2	-21.02	267	343	V
6	* 11.864	34.2	PK-U	38.8	-21.5	51.5	-	-	74	-22.5	-	-	302	289	V
	* 11.863	24.04	ADR	38.8	-21.5	41.34	54	-12.66	-	-	-	-	302	289	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



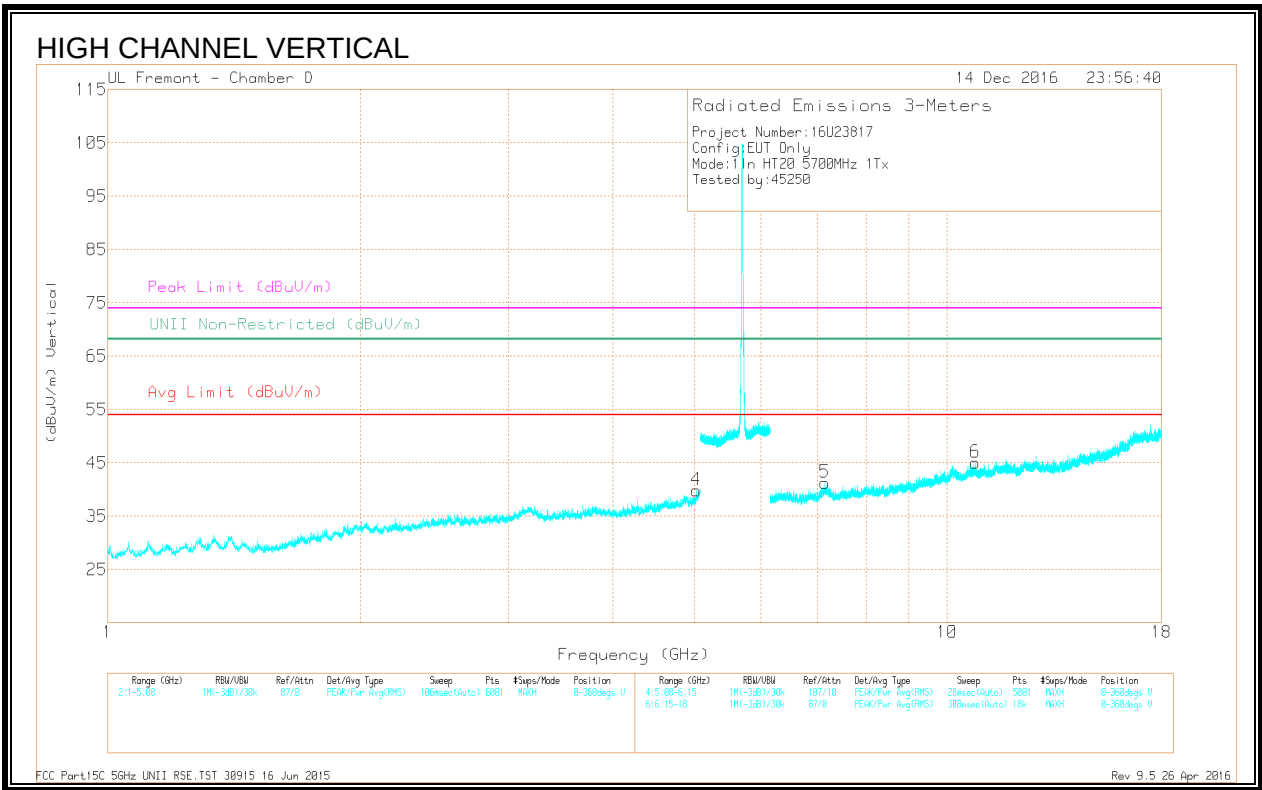
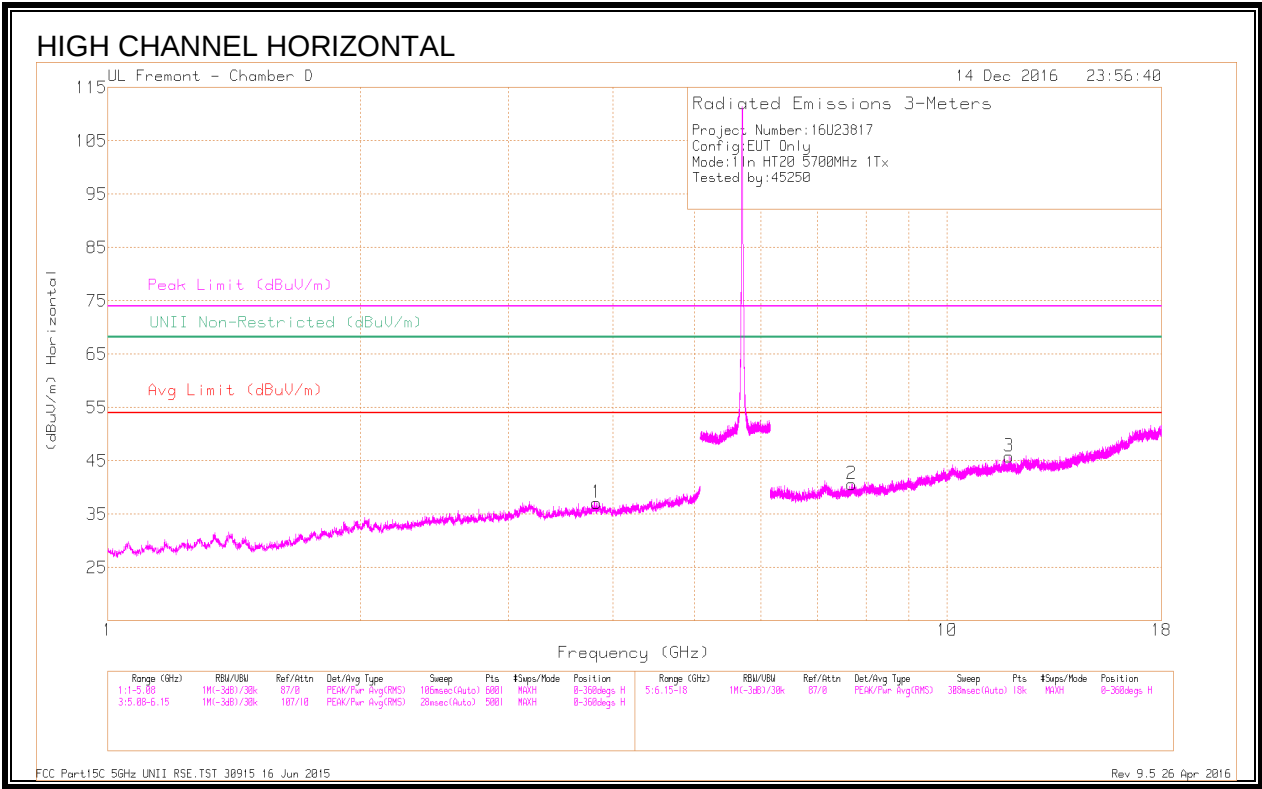
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.906	36.52	PK-U	34.1	-26	44.62	-	-	74	-29.38	-	-	23	130	H
	* 4.905	26.54	ADR	34.1	-25.9	34.74	54	-19.26	-	-	-	-	23	130	H
2	* 8.276	34.89	PK-U	35.8	-24.4	46.29	-	-	74	-27.71	-	-	336	371	H
	* 8.28	25.1	ADR	35.8	-24.4	36.5	54	-17.5	-	-	-	-	336	371	H
3	* 11.065	33.79	PK-U	38	-21.3	50.49	-	-	74	-23.51	-	-	311	239	H
	* 11.064	23.87	ADR	38	-21.3	40.57	54	-13.43	-	-	-	-	311	239	H
4	* 4.861	35.8	PK-U	34.1	-25.5	44.4	-	-	74	-29.6	-	-	297	278	V
	* 4.86	26.2	ADR	34.1	-25.5	34.8	54	-19.2	-	-	-	-	297	278	V
5	6.568	35.96	PK-U	35.6	-25.5	46.06	-	-	-	-	68.2	-22.14	230	259	V
6	* 11.445	34.25	PK-U	38.3	-21.3	51.25	-	-	74	-22.75	-	-	21	120	V
	* 11.446	24.49	ADR	38.3	-21.3	41.49	54	-12.51	-	-	-	-	21	120	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filr/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	* 3.819	37.49	PK-U	33.5	-28.6	42.39	-	-	74	-31.61	-	-	24	126	H
	* 3.821	27.78	ADR	33.5	-28.6	32.68	54	-21.32	-	-	-	-	24	126	H
2	* 7.696	36.31	PK-U	35.8	-24.7	47.41	-	-	74	-26.59	-	-	347	323	H
	* 7.695	25.7	ADR	35.8	-24.8	36.7	54	-17.3	-	-	-	-	347	323	H
3	* 11.847	34.05	PK-U	38.8	-21.6	51.25	-	-	74	-22.75	-	-	308	271	H
	* 11.85	23.8	ADR	38.8	-21.5	41.1	54	-12.9	-	-	-	-	308	271	H
4	* 5.021	38.02	PK-U	34	-26.1	45.92	-	-	74	-28.08	-	-	277	337	V
	* 5.021	27.53	ADR	34	-26.1	35.43	54	-18.57	-	-	-	-	277	337	V
5	7.148	36.02	PK-U	35.7	-24	47.72	-	-	-	-	68.2	-20.48	162	114	V
6	* 10.792	33.69	PK-U	37.9	-20.5	51.09	-	-	74	-22.91	-	-	51	163	V
	* 10.793	23.56	ADR	37.9	-20.5	40.96	54	-13.04	-	-	-	-	51	163	V

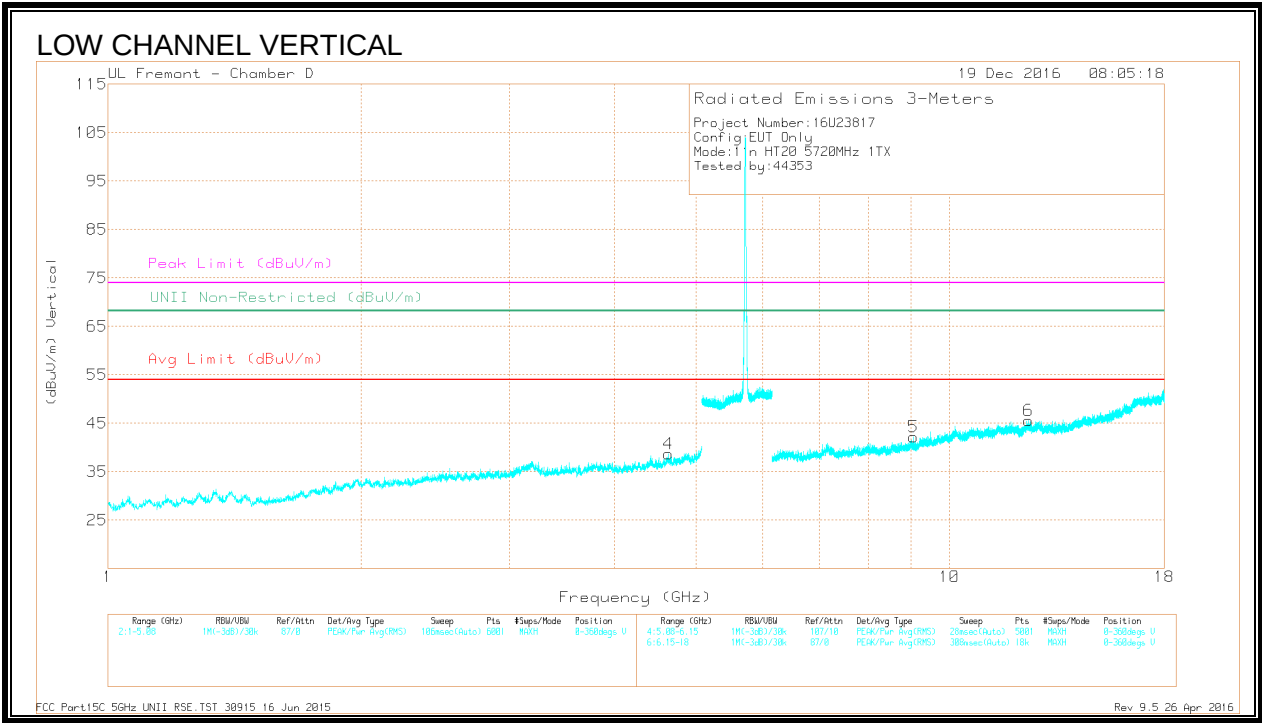
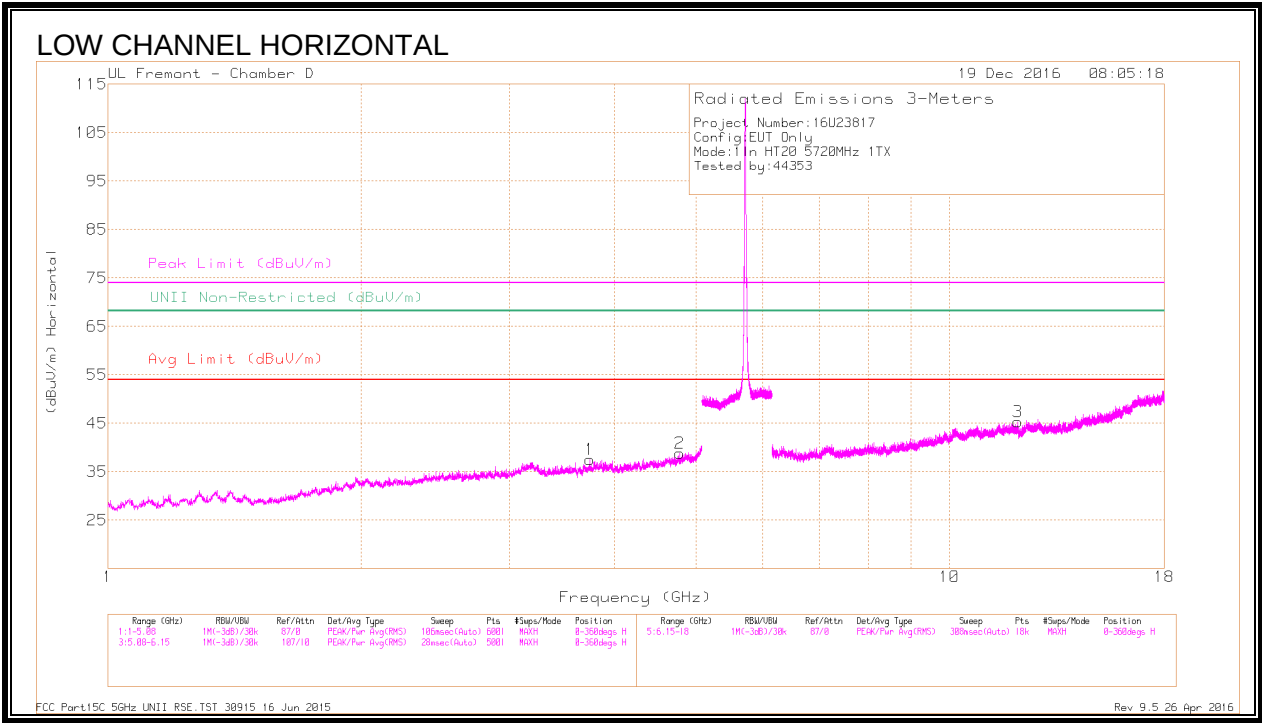
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.20. 11n HT20 ANTENNA A SISO STRADDLE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.736	39.53	PK-U	33.5	-29	44.03	-	-	74	-29.97	-	-	78	325	H
	* 3.737	28.37	ADR	33.5	-29	32.87	54	-21.13	-	-	-	-	78	325	H
2	* 4.778	38.58	PK-U	34	-27.4	45.18	-	-	74	-28.82	-	-	216	179	H
	* 4.776	27.69	ADR	34	-27.3	34.39	54	-19.61	-	-	-	-	216	179	H
3	* 12.06	34.05	PK-U	39	-21.8	51.25	-	-	74	-22.75	-	-	170	245	H
	* 12.061	23.96	ADR	39	-21.8	41.16	54	-12.84	-	-	-	-	170	245	H
4	* 4.636	37.04	PK-U	34.1	-27.1	44.04	-	-	74	-29.96	-	-	252	181	V
	* 4.636	26.91	ADR	34.1	-27.1	33.91	54	-20.09	-	-	-	-	252	181	V
5	* 9.059	34.41	PK-U	36.2	-22.4	48.21	-	-	74	-25.79	-	-	102	283	V
	* 9.056	24.54	ADR	36.2	-22.4	38.34	54	-15.66	-	-	-	-	102	283	V
6	* 12.408	33.79	PK-U	39	-21.1	51.69	-	-	74	-22.31	-	-	324	118	V
	* 12.407	24.02	ADR	39	-21	42.02	54	-11.98	-	-	-	-	324	118	V

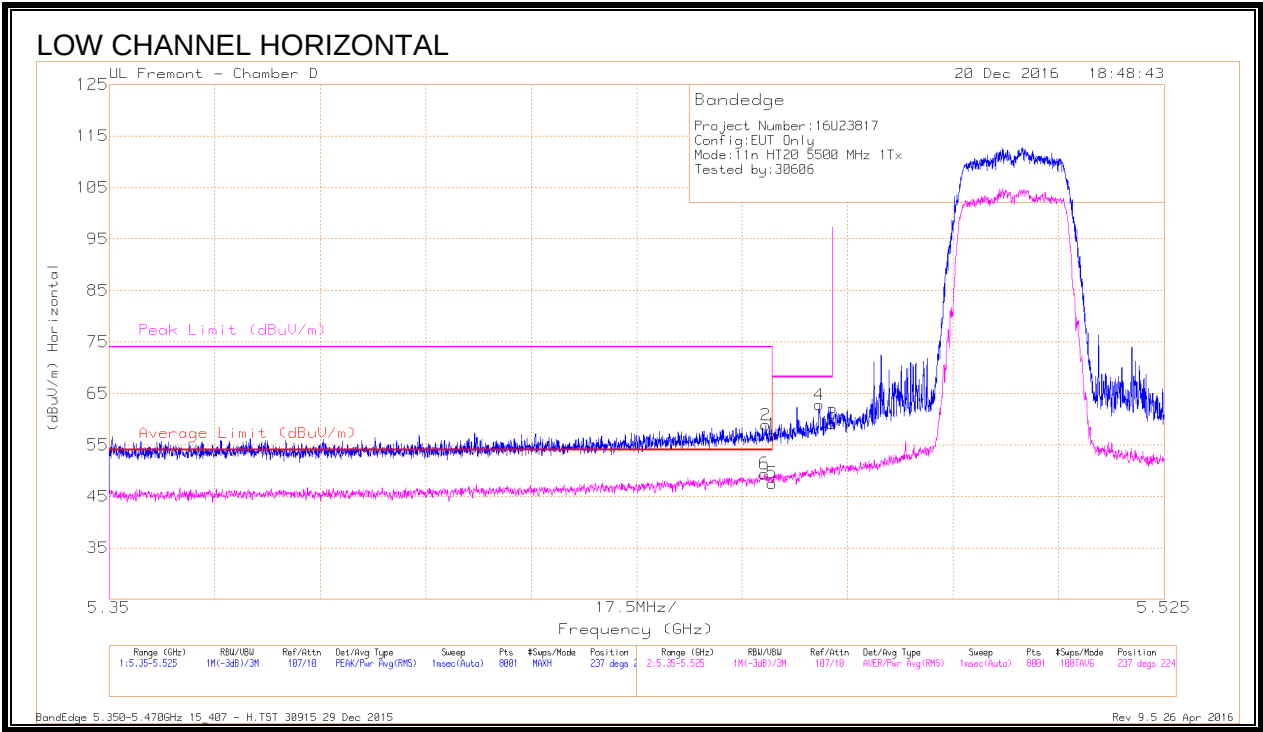
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

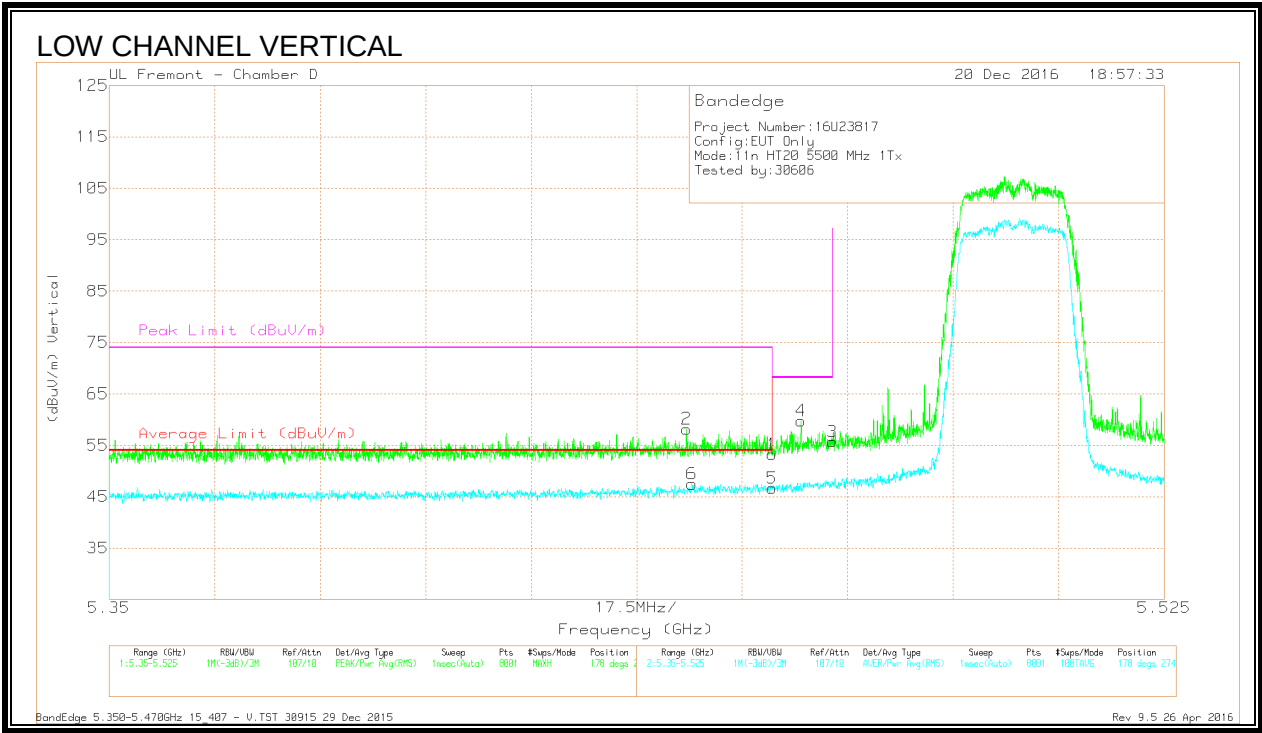
9.2.21. 11n HT20 ANTENNA B SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



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	40.47	Pk	34.4	-17.9	56.97	-	-	74	-17.03	237	224	H
2	* 5.459	42.45	Pk	34.4	-18	58.85	-	-	74	-15.15	237	224	H
5	* 5.46	31.08	RMS	34.4	-17.9	47.58	54	-6.42	-	-	237	224	H
6	* 5.459	32.98	RMS	34.4	-18	49.38	54	-4.62	-	-	237	224	H
4	5.468	46.3	Pk	34.4	-17.9	62.8	-	-	68.2	-5.4	237	224	H
3	5.47	42.6	Pk	34.4	-17.9	59.1	-	-	68.2	-9.1	237	224	H

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

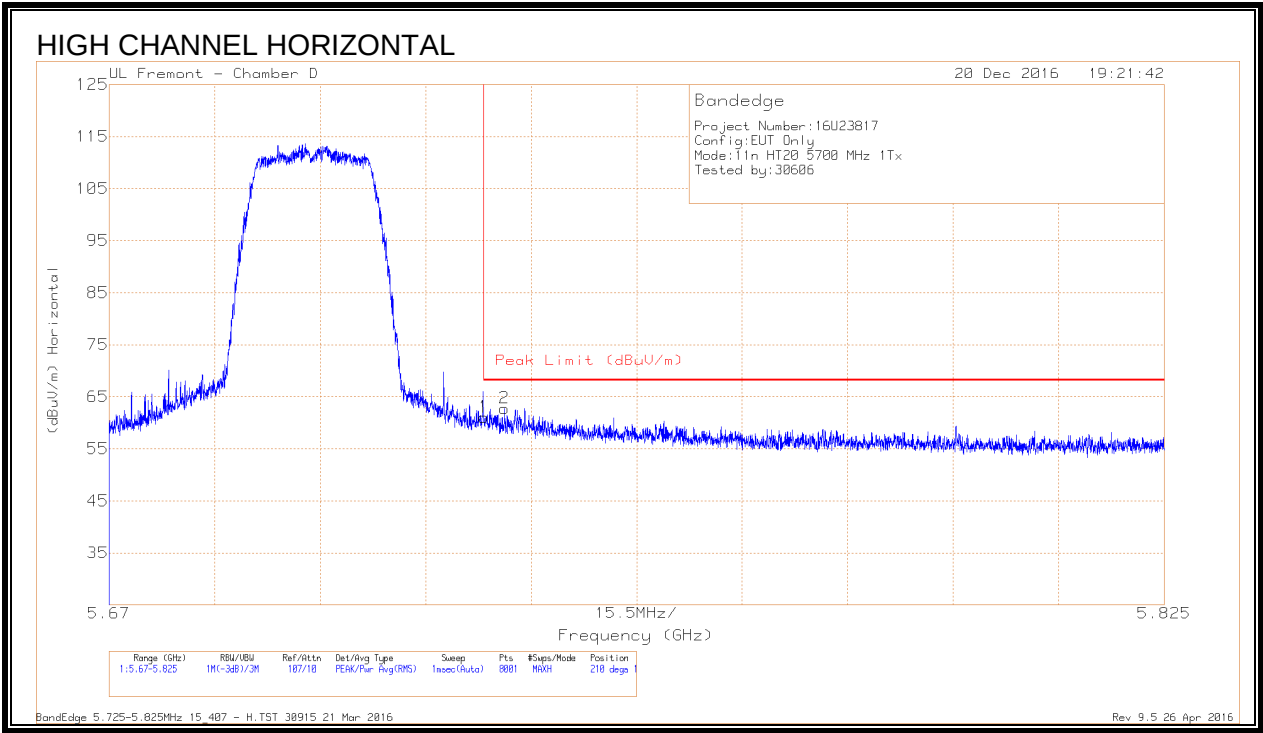


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.77	Pk	34.4	-17.9	53.27	-	-	74	-20.73	178	274	V
2	* 5.446	41.89	Pk	34.4	-18.1	58.19	-	-	74	-15.81	178	274	V
5	* 5.46	30.13	RMS	34.4	-17.9	46.63	54	-7.37	-	-	178	274	V
6	* 5.447	31.18	RMS	34.4	-18.1	47.48	54	-6.52	-	-	178	274	V
4	5.465	43.26	Pk	34.4	-17.9	59.76	-	-	68.2	-8.44	178	274	V
3	5.47	39.18	Pk	34.4	-17.9	55.68	-	-	68.2	-12.52	178	274	V

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

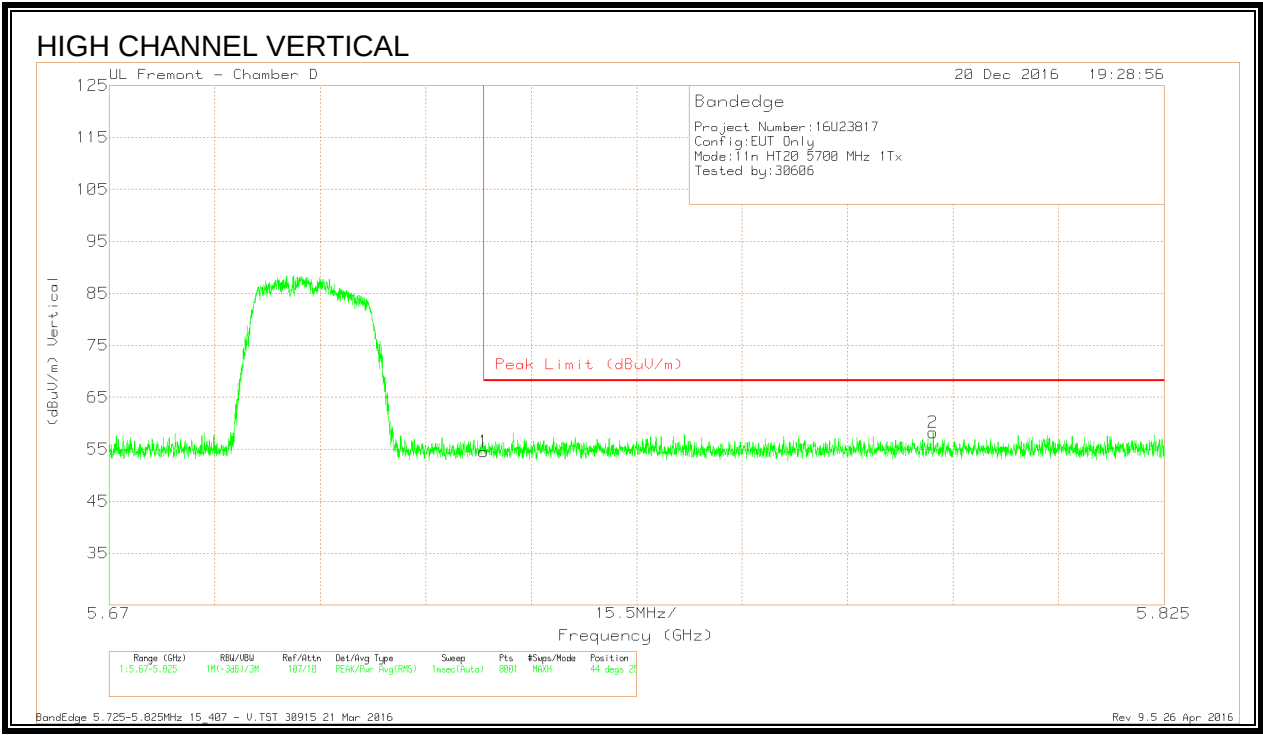
Pk - Peak detector

RMS - RMS detection



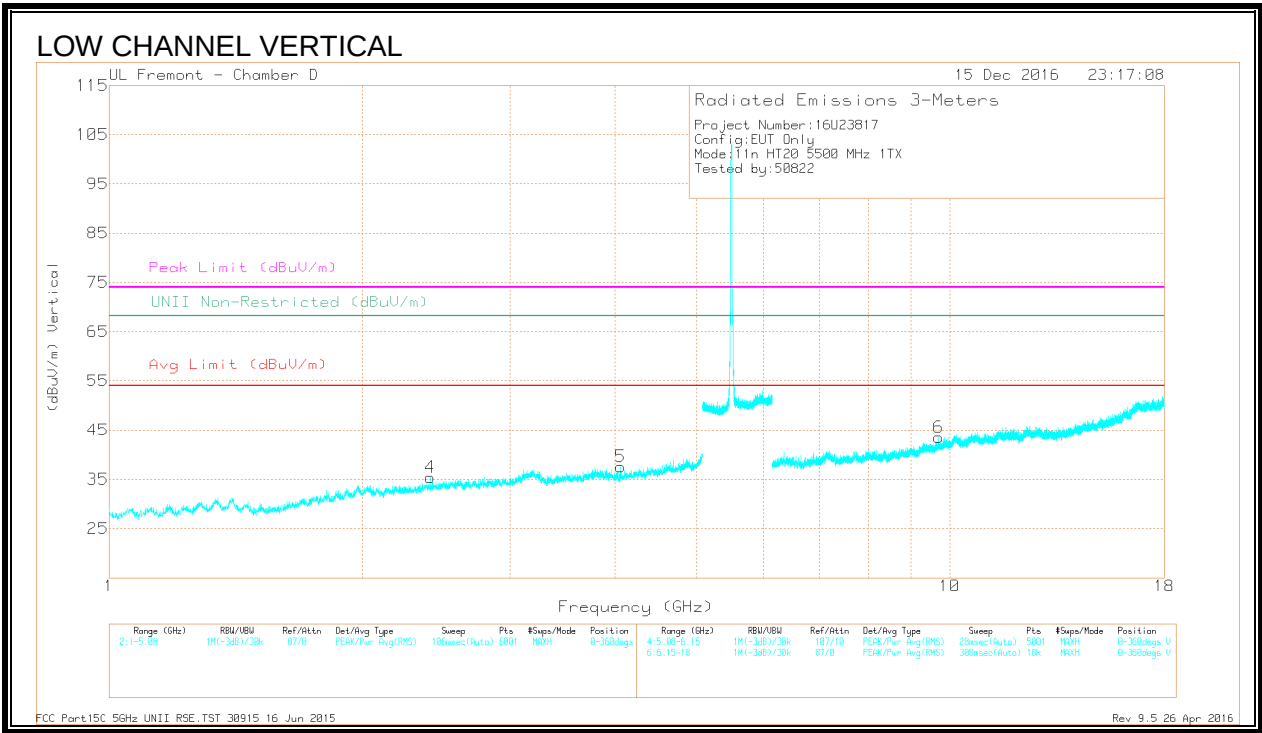
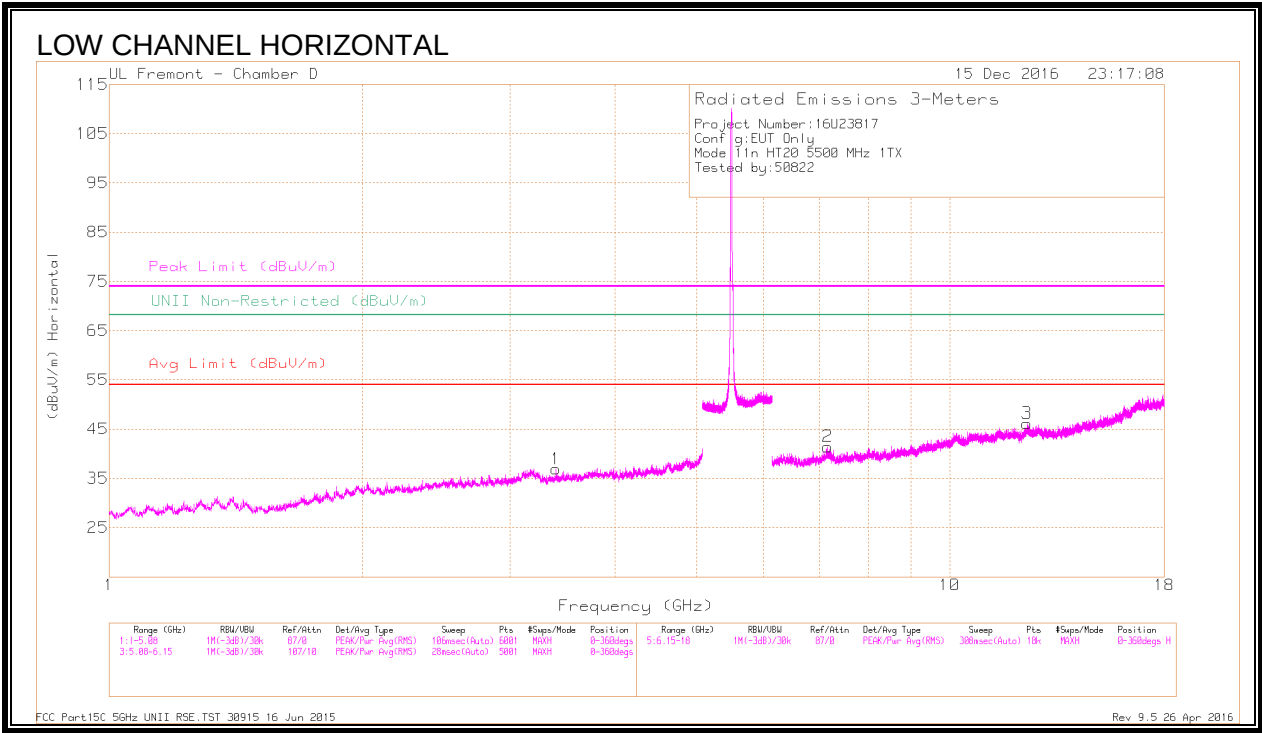
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.79	Pk	34.8	-17.5	61.09	68.2	-7.11	210	152	H
2	5.728	45.6	Pk	34.8	-17.6	62.8	68.2	-5.4	210	152	H

Pk - Peak detector



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	37.26	Pk	34.8	-17.5	54.56	68.2	-13.64	44	255	V
2	5.791	41.13	Pk	34.8	-17.7	58.23	68.2	-9.97	44	255	V

Pk - Peak detector



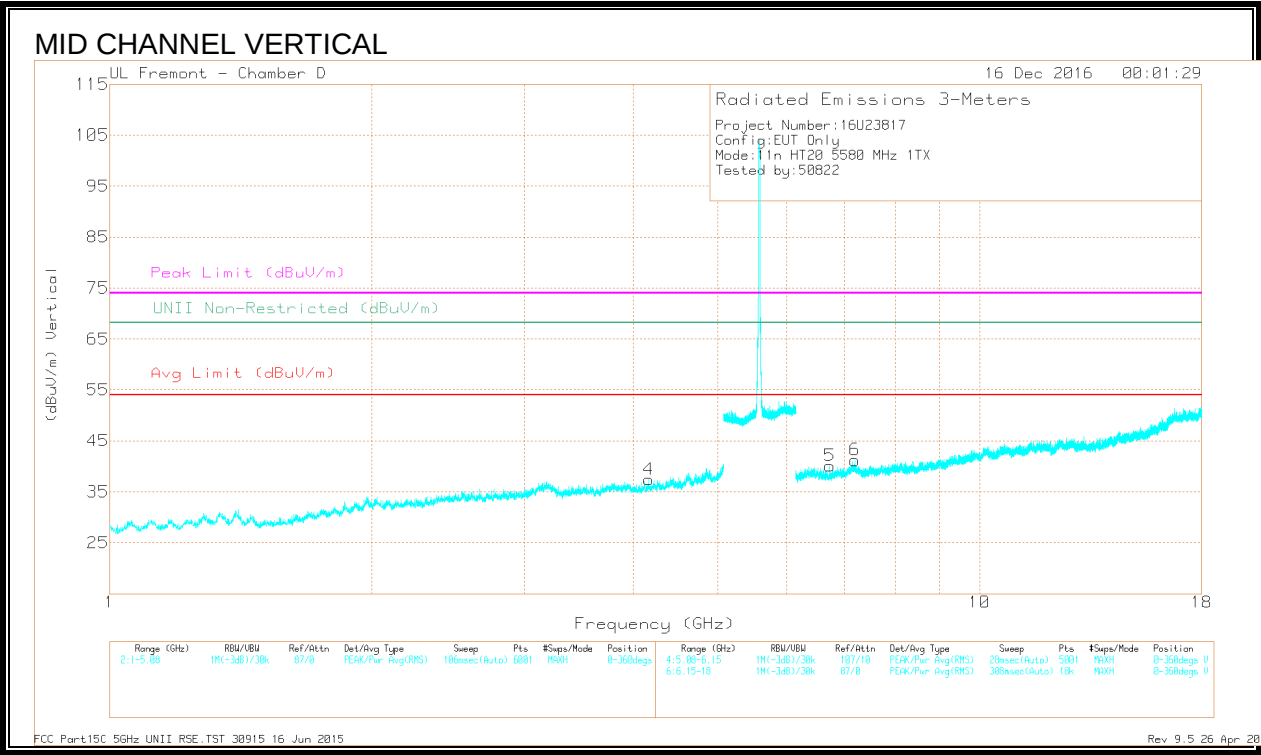
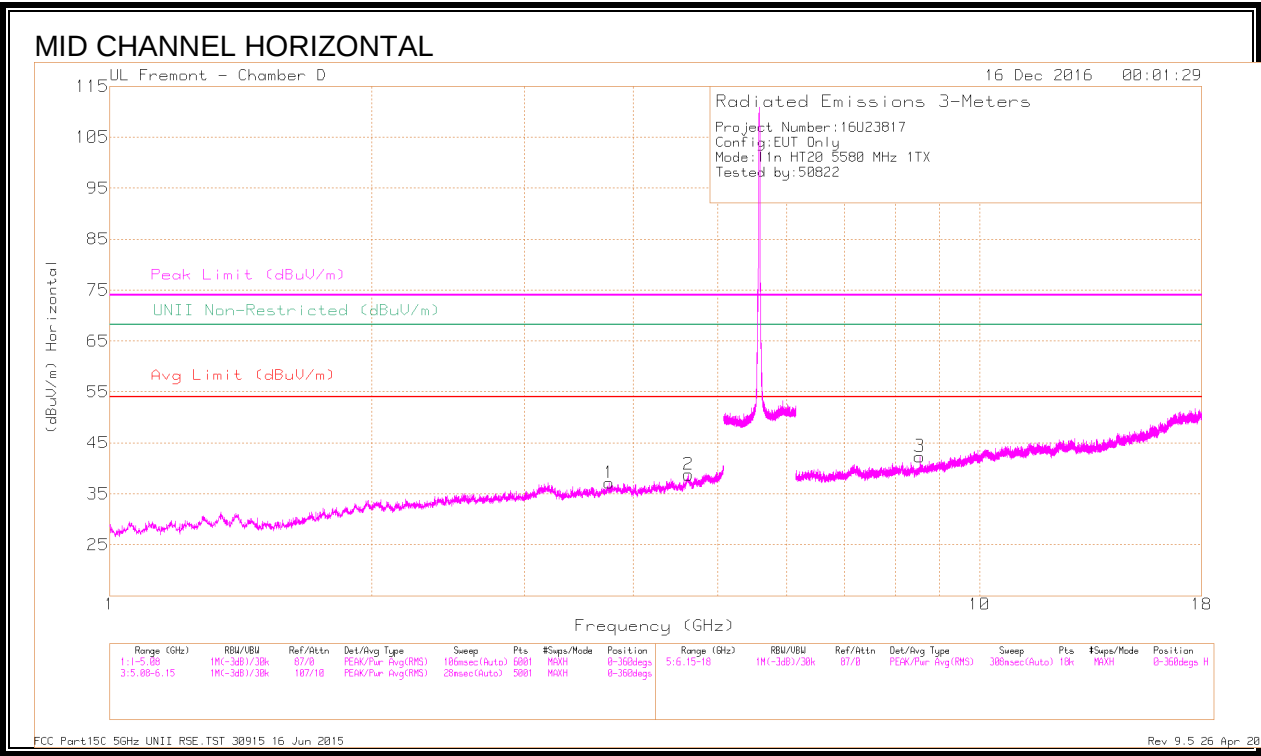
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.404	40.61	PK-U	32.9	-29.4	44.11	-	-	-	-	68.2	-24.09	336	249	H
2	7.159	34.97	PK-U	35.7	-23.9	46.77	-	-	-	-	68.2	-21.43	228	134	H
3	2.41	39.4	PK-U	32.2	-30.5	41.1	-	-	-	-	68.2	-27.1	325	201	V
4	2.411	39.41	PK-U	32.2	-30.5	41.11	-	-	-	-	68.2	-27.09	32	127	V
5	* 12.354	33.72	PK-U	39	-20.9	51.82	-	-	74	-22.18	-	-	77	132	H
	* 12.355	23.35	ADR	39	-20.9	41.45	54	-12.55	-	-	-	-	77	132	H
6	9.705	34.73	PK-U	36.8	-21.4	50.13	-	-	-	-	68.2	-18.07	86	201	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



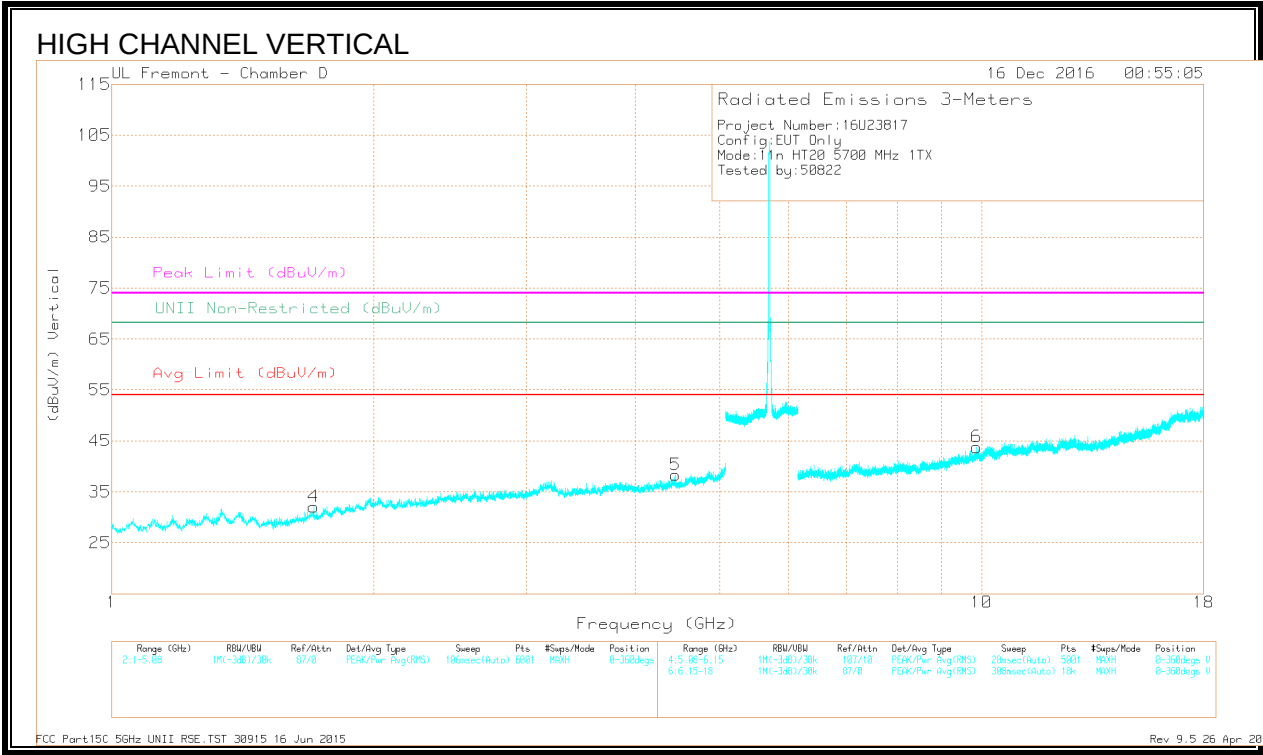
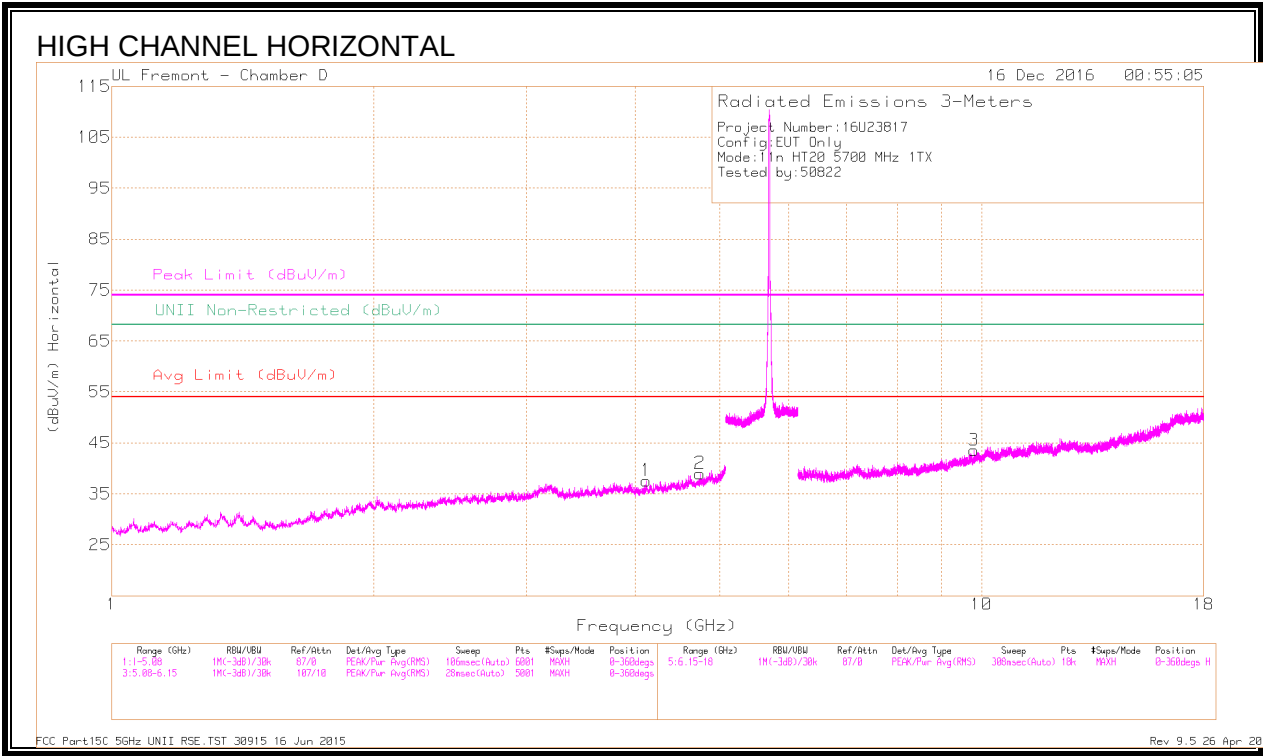
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.75	38.43	PK-U	33.5	-28.9	43.03	-	-	74	-30.97	-	-	204	201	H
	* 3.748	27.4	ADR	33.5	-29	31.9	54	-22.1	-	-	-	-	204	201	H
2	* 4.626	37.11	PK-U	34.1	-26.9	44.31	-	-	74	-29.69	-	-	171	203	H
	* 4.625	26.6	ADR	34.1	-26.9	33.8	54	-20.2	-	-	-	-	171	203	H
3	8.535	34.76	PK-U	35.8	-23.2	47.36	-	-	-	-	68.2	-20.84	253	327	H
4	* 4.168	38	PK-U	33.5	-28.3	43.2	-	-	74	-30.8	-	-	77	202	V
	* 4.17	27.74	ADR	33.5	-28.2	33.04	54	-20.96	-	-	-	-	77	202	V
5	6.729	36.29	PK-U	35.6	-26.4	45.49	-	-	-	-	68.2	-22.71	272	201	V
6	7.197	34.88	PK-U	35.7	-24	46.58	-	-	-	-	68.2	-21.62	93	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.115	37.8	PK-U	33.6	-28.5	42.9	-	-	74	-31.1	-	-	254	363	H
	* 4.116	27.5	ADR	33.6	-28.4	32.7	54	-21.3	-	-	-	-	254	363	H
2	* 4.745	36.9	PK-U	34	-27.4	43.5	-	-	74	-30.5	-	-	65	154	H
	* 4.745	26.84	ADR	34	-27.5	33.34	54	-20.66	-	-	-	-	65	154	H
3	9.802	34.3	PK-U	36.9	-22.1	49.1	-	-	-	-	68.2	-19.1	215	184	H
4	* 1.706	40.5	PK-U	29.1	-31.2	38.4	-	-	74	-35.6	-	-	188	152	V
	* 1.707	28.95	ADR	29.1	-31.2	26.85	54	-27.15	-	-	-	-	188	152	V
5	4.45	37.09	PK-U	33.9	-27.9	43.09	-	-	-	-	68.2	-25.11	156	135	V
6	9.869	33.72	PK-U	37	-21.1	49.62	-	-	-	-	68.2	-18.58	310	345	V

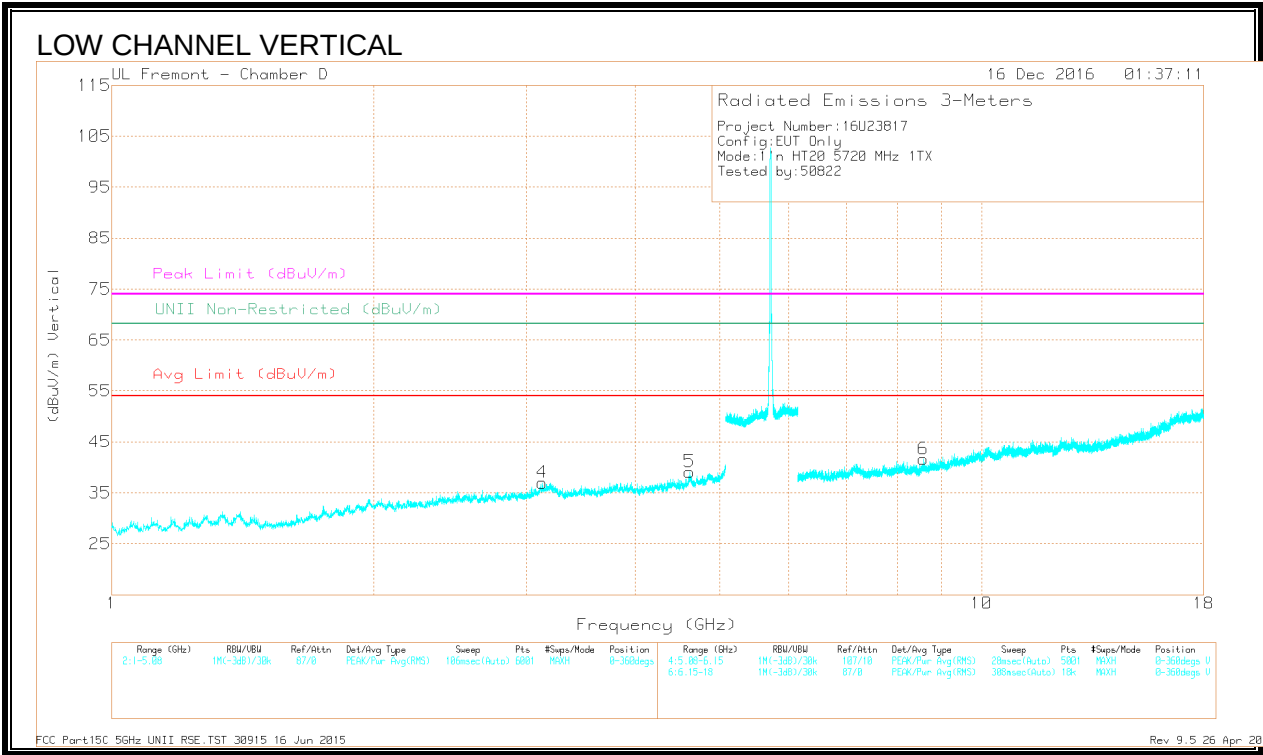
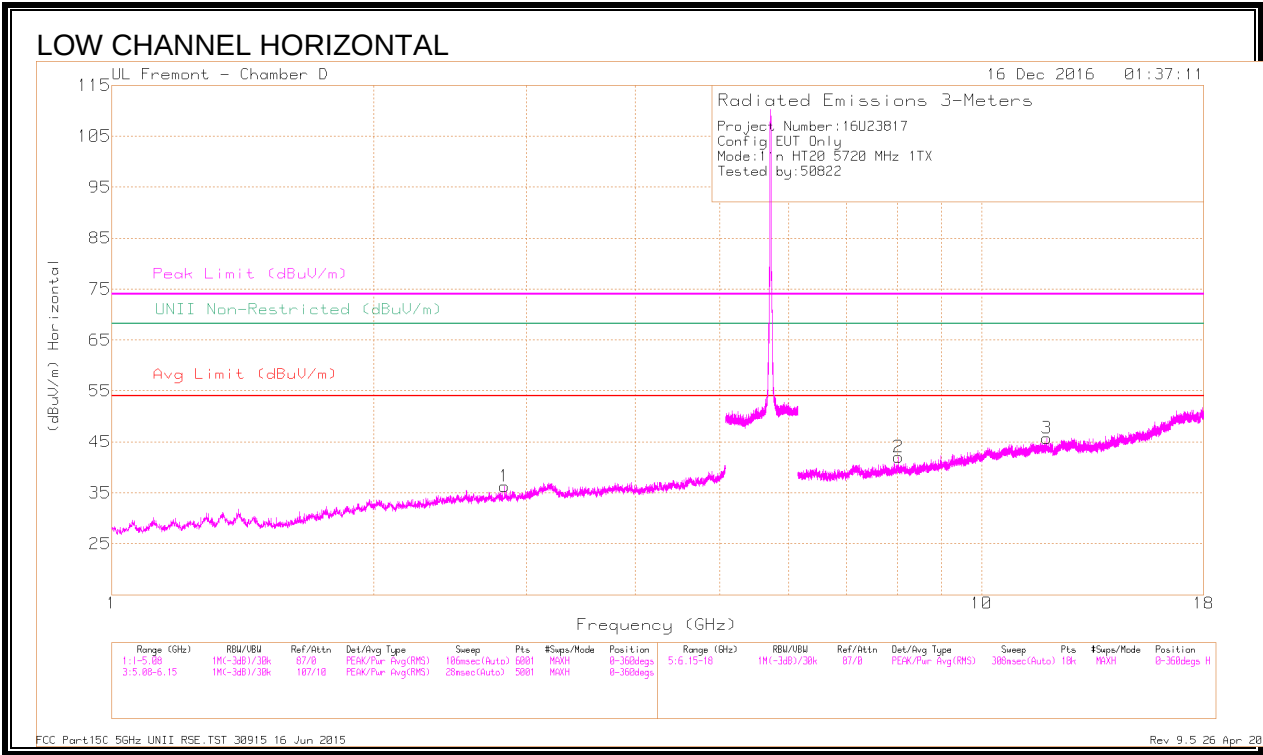
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.22. 11ac HT20 ANTENNA B SISO STRADDLE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

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)	Polarity
1	* 2.829	39.21	PK-U	32.3	-29.3	42.21	-	-	74	-31.79	-	-	140	199	H
	* 2.827	27.89	ADR	32.3	-29.4	30.79	54	-23.21	-	-	-	-	140	199	H
2	* 8.027	36.18	PK-U	35.8	-24.3	47.68	-	-	74	-26.32	-	-	269	205	H
	* 8.028	24.89	ADR	35.8	-24.3	36.39	54	-17.61	-	-	-	-	269	205	H
3	* 11.887	35.33	PK-U	38.8	-21.5	52.63	-	-	74	-21.37	-	-	287	344	H
	* 11.887	23.36	ADR	38.8	-21.5	40.66	54	-13.34	-	-	-	-	287	344	H
4	3.125	38.4	PK-U	33.3	-28.8	42.9	-	-	-	-	68.2	-25.3	203	257	V
5	* 4.616	37.26	PK-U	34.1	-26.8	44.56	-	-	74	-29.44	-	-	102	371	V
	* 4.618	26.59	ADR	34.1	-26.9	33.79	54	-20.21	-	-	-	-	102	371	V
6	8.575	34.52	PK-U	35.9	-22.7	47.72	-	-	-	-	68.2	-20.48	6	148	V

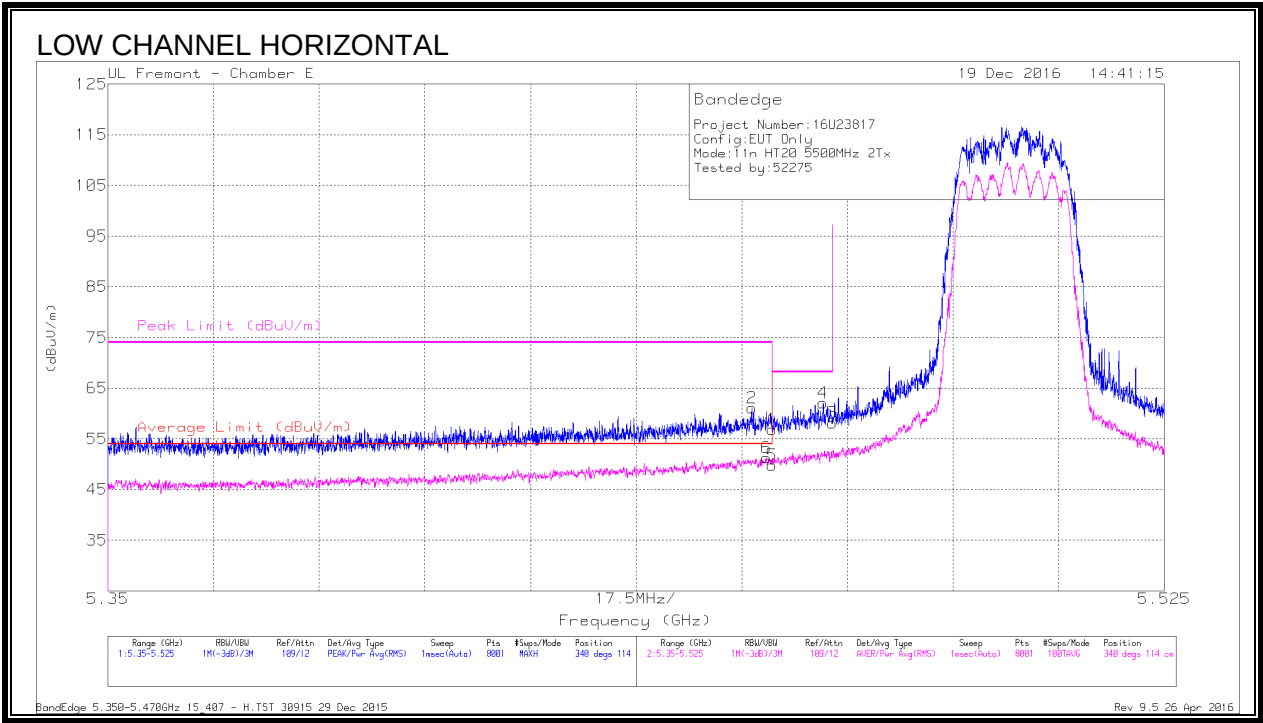
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

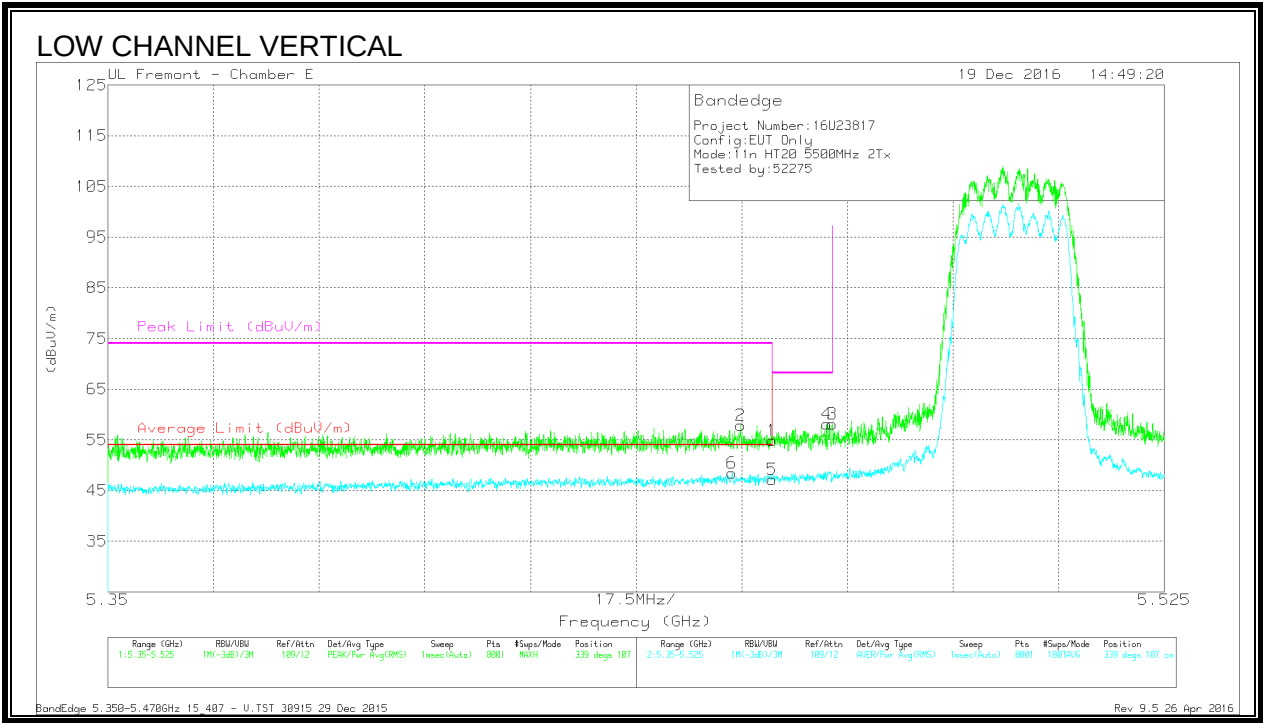
9.2.23. 11n HT20 2TX CDD MIMO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (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	41.74	Pk	34.4	-19.3	56.84	-	-	74	-17.16	340	114	H
2	* 5.457	46.15	Pk	34.4	-19.4	61.15	-	-	74	-12.85	340	114	H
5	* 5.46	34.73	RMS	34.4	-19.3	49.83	54	-4.17	-	-	340	114	H
6	* 5.459	36.13	RMS	34.4	-19.3	51.23	54	-2.77	-	-	340	114	H
4	5.468	47.23	Pk	34.4	-19.5	62.13	-	-	68.2	-6.07	340	114	H
3	5.47	43.08	Pk	34.4	-19.4	58.08	-	-	68.2	-10.12	340	114	H

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

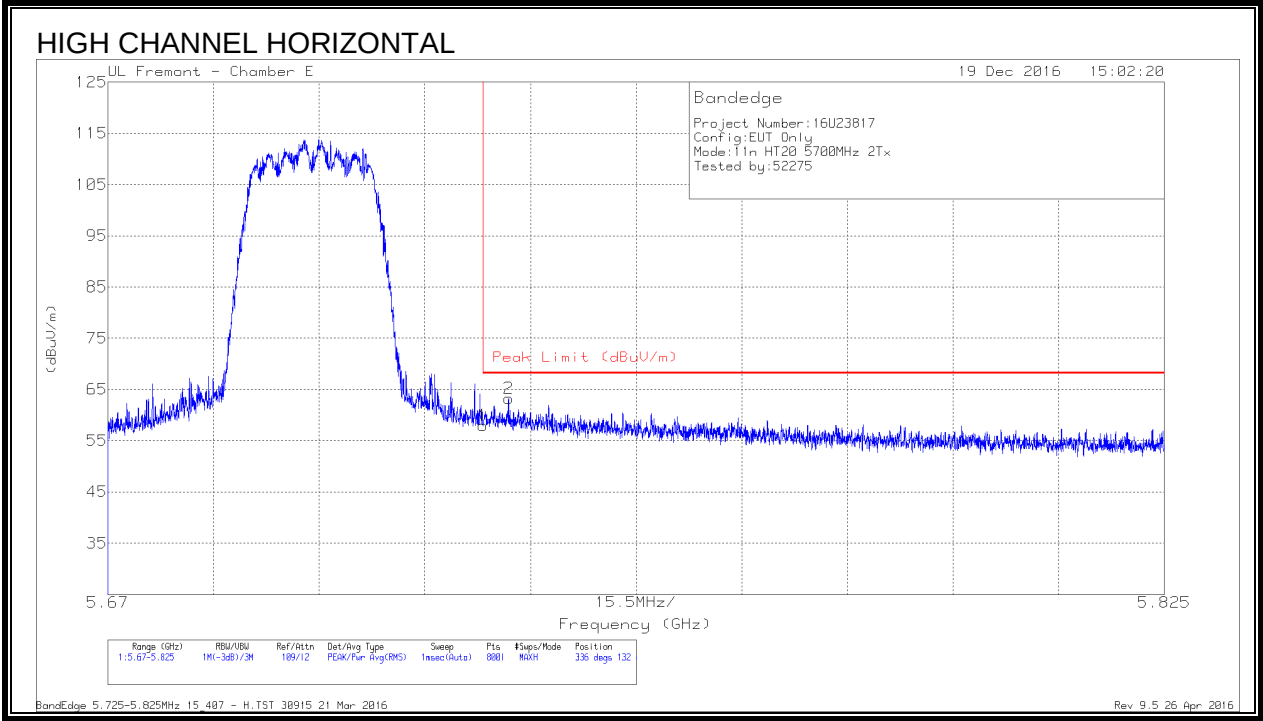


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.76	Pk	34.4	-19.3	54.86	-	-	74	-19.14	339	107	V
2	* 5.455	42.84	Pk	34.4	-19.4	57.84	-	-	74	-16.16	339	107	V
5	* 5.46	32.13	RMS	34.4	-19.3	47.23	54	-6.77	-	-	339	107	V
6	* 5.453	33.34	RMS	34.4	-19.3	48.44	54	-5.56	-	-	339	107	V
4	5.469	43.11	Pk	34.4	-19.4	58.11	-	-	68.2	-10.09	339	107	V
3	5.47	43.11	Pk	34.4	-19.4	58.11	-	-	68.2	-10.09	339	107	V

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

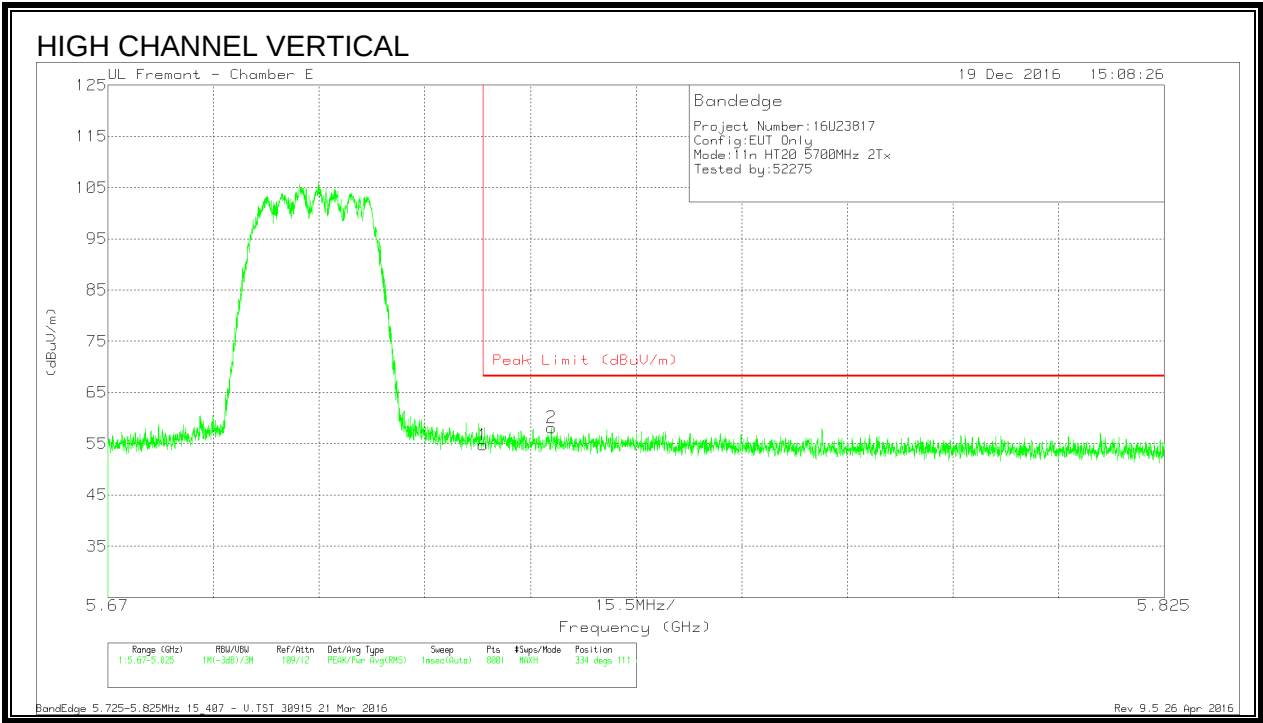
Pk - Peak detector

RMS - RMS detection



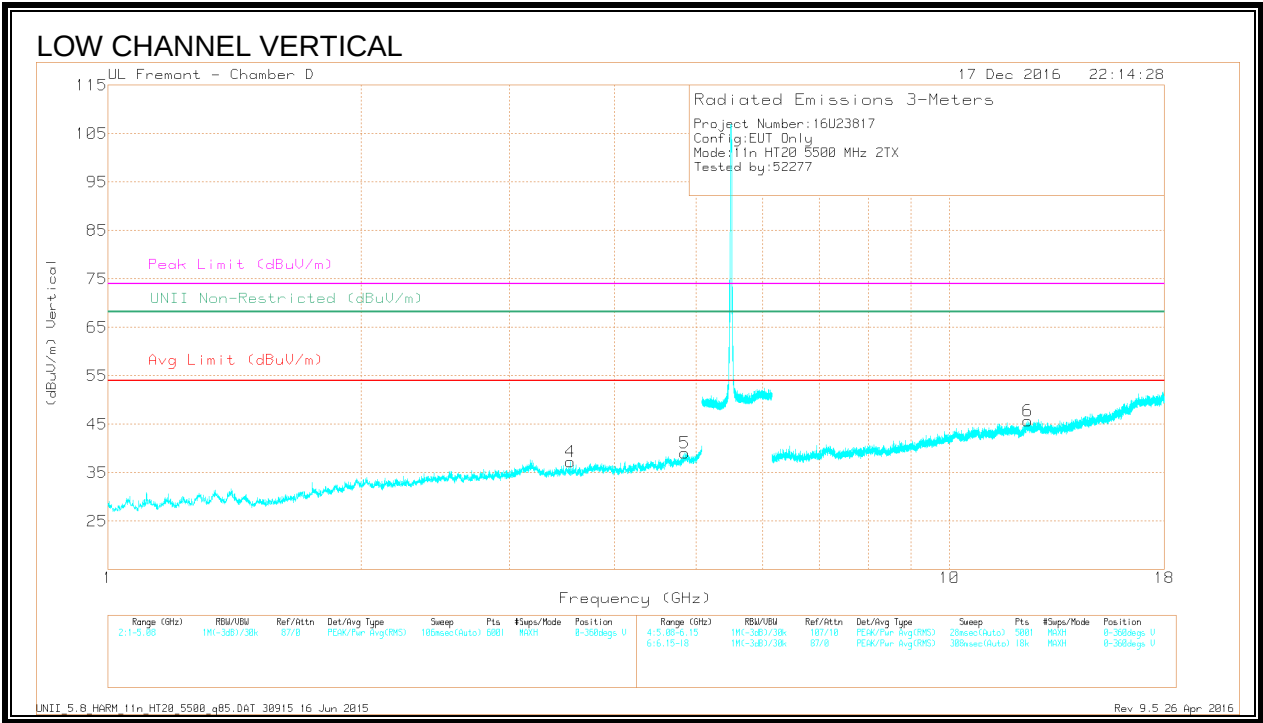
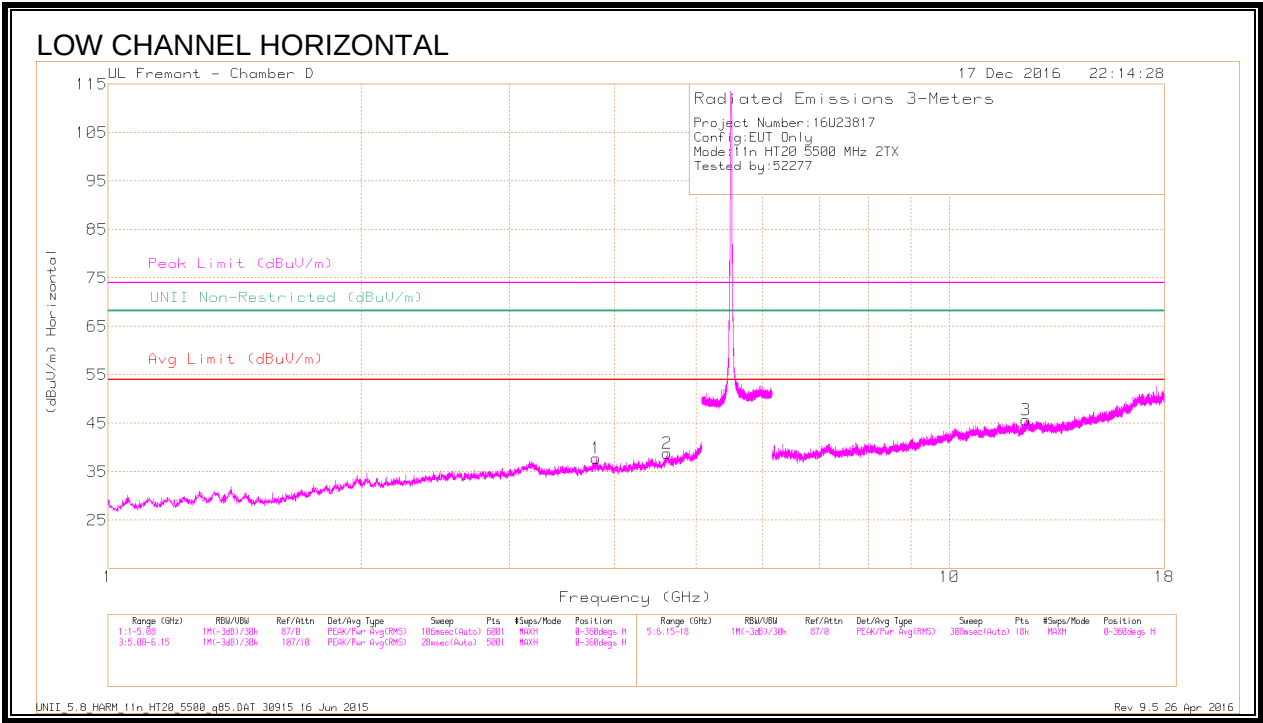
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.68	Pk	34.9	-19.6	57.98	68.2	-10.22	336	132	H
2	5.729	47.86	Pk	34.9	-19.5	63.26	68.2	-4.94	336	132	H

Pk - Peak detector



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	-19.6	54.82	68.2	-13.38	334	111	V
2	5.735	42.76	Pk	34.9	-19.5	58.16	68.2	-10.04	334	111	V

Pk - Peak detector



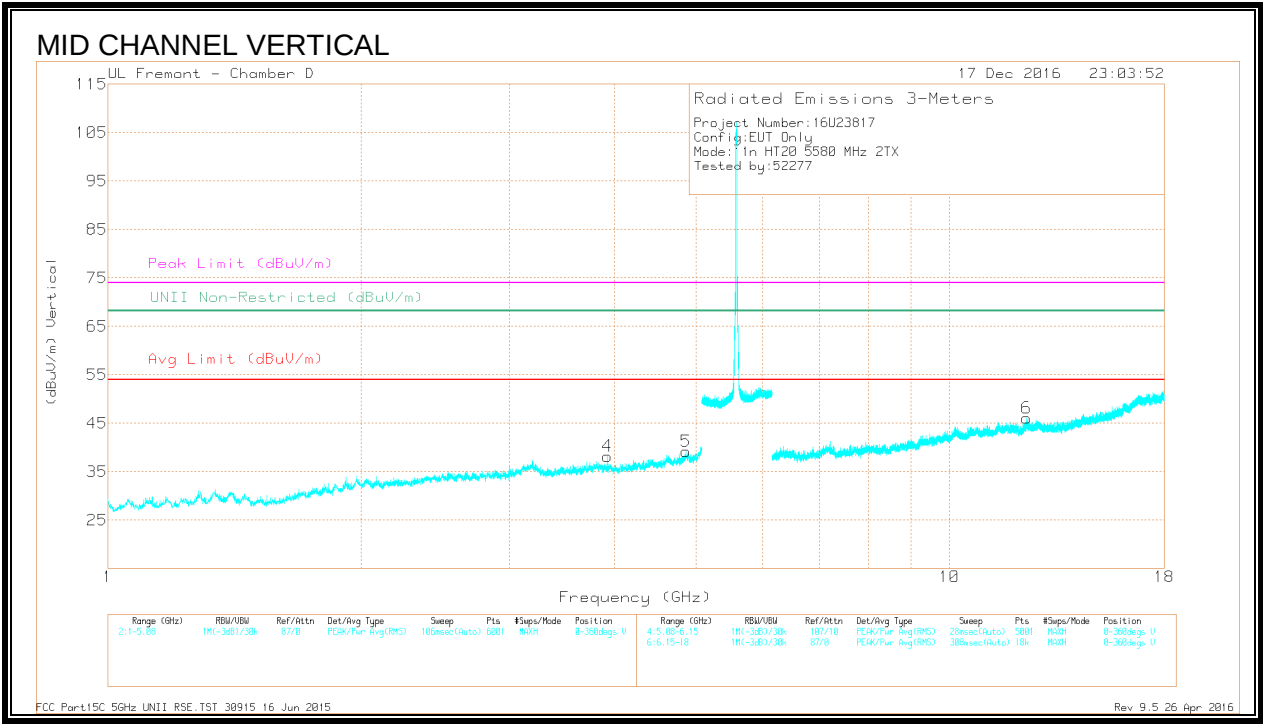
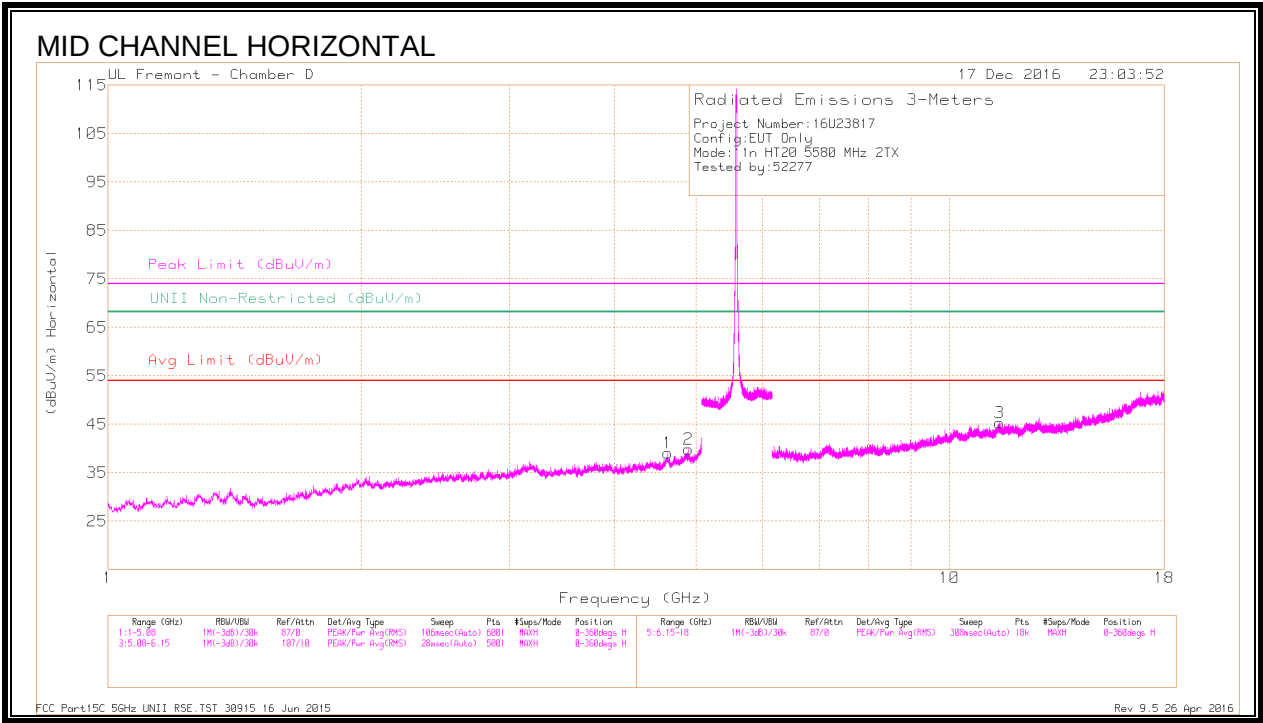
Radiated Emissions

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Fr/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.802	38.77	PK-U	33.6	-28.6	0	43.77	-	-	74	-30.23	-	-	74	270	H
	* 3.802	27.61	ADR	33.6	-28.6	0	32.61	54	-21.39	-	-	-	-	74	270	H
2	* 4.615	37.24	PK-U	34.2	-26.7	0	44.74	-	-	74	-29.26	-	-	115	355	H
	* 4.617	26.5	ADR	34.1	-26.9	0	33.7	54	-20.3	-	-	-	-	115	355	H
3	* 12.337	35.14	PK-U	39	-21.1	0	53.04	-	-	74	-20.96	-	-	279	351	H
	* 12.339	23.64	ADR	39	-21.1	0	41.54	54	-12.46	-	-	-	-	279	351	H
4	* 3.542	38.69	PK-U	33.1	-29.2	0	42.59	-	-	74	-31.41	-	-	285	101	V
	* 3.544	27.69	ADR	33.1	-29.3	0	31.49	54	-22.51	-	-	-	-	285	101	V
5	* 4.851	36.8	PK-U	34.1	-25.8	0	45.1	-	-	74	-28.9	-	-	152	169	V
	* 4.851	26.17	ADR	34.1	-25.8	0	34.47	54	-19.53	-	-	-	-	152	169	V
6	* 12.402	33.68	PK-U	39	-21	0	51.68	-	-	74	-22.32	-	-	23	303	V
	* 12.399	23.31	ADR	39	-21	0	41.31	54	-12.69	-	-	-	-	23	303	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



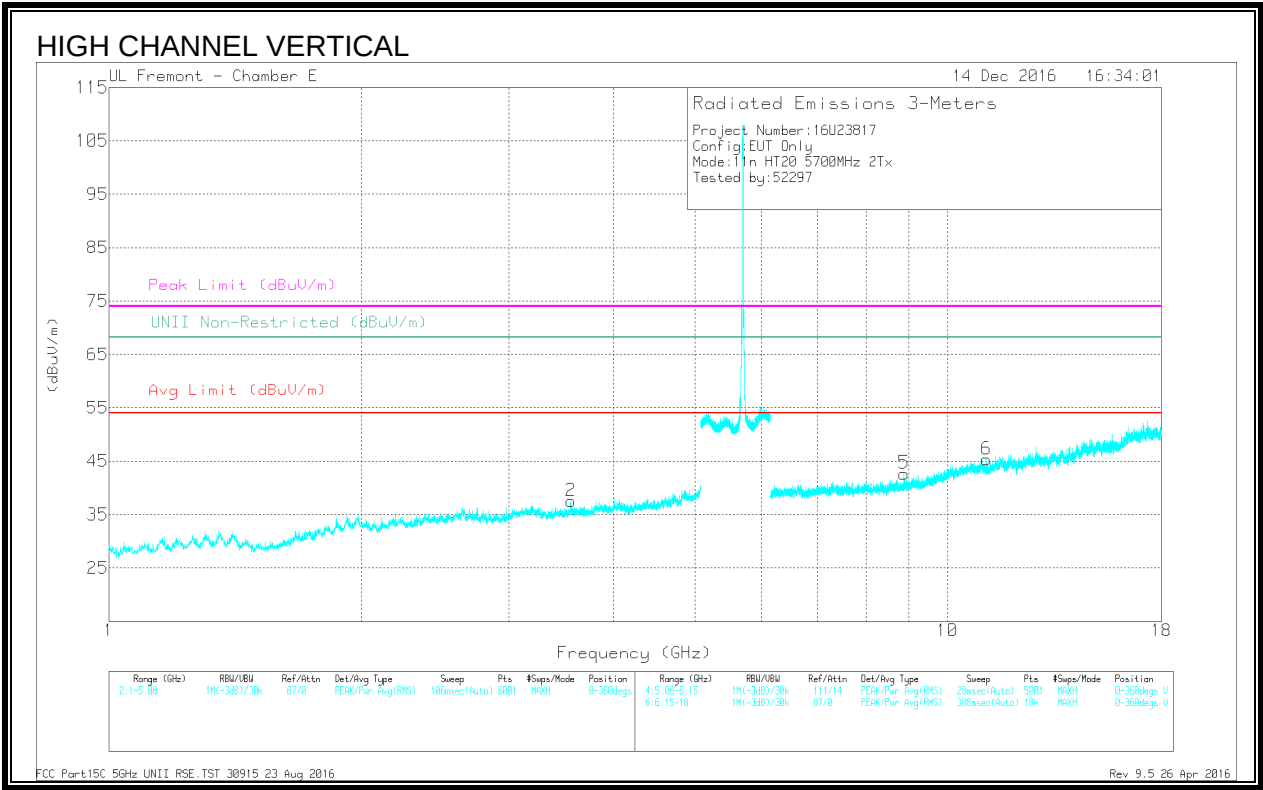
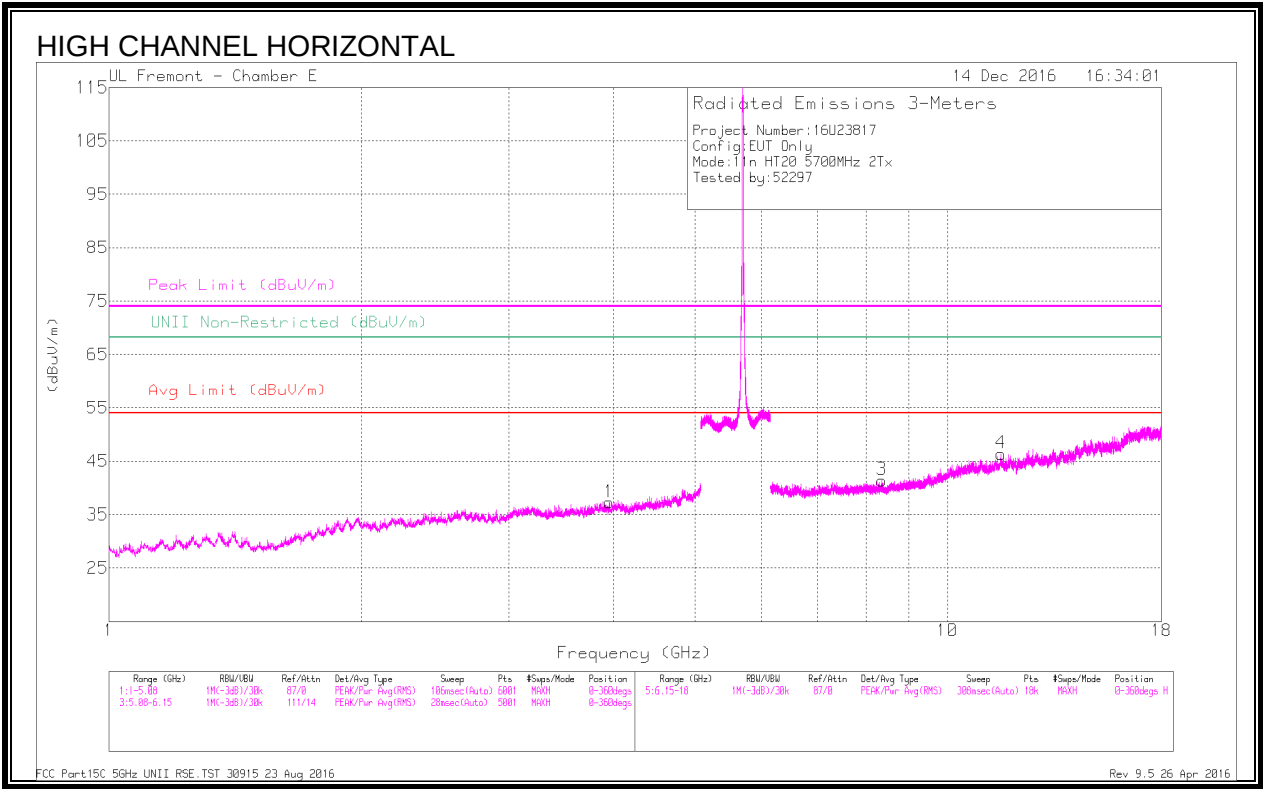
Radiated Emissions

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/Fit/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.629	37.84	PK-U	34.1	-26.9	0	45.04	-	-	74	-28.96	-	-	21	228	H
	* 4.627	26.66	ADR	34.1	-26.9	0	33.86	54	-20.14	-	-	-	-	21	228	H
2	* 4.895	37.25	PK-U	34.1	-25.4	0	45.95	-	-	74	-28.05	-	-	360	209	H
	* 4.896	26.26	ADR	34.1	-25.5	0	34.86	54	-19.14	-	-	-	-	360	209	H
3	* 11.46	34.48	PK-U	38.4	-21.4	0	51.48	-	-	74	-22.52	-	-	212	183	H
	* 11.463	23.7	ADR	38.4	-21.5	0	40.6	54	-13.4	-	-	-	-	212	183	H
4	* 3.919	37.93	PK-U	33.5	-28.6	0	42.83	-	-	74	-31.17	-	-	0	235	V
	* 3.918	27.37	ADR	33.5	-28.6	0	32.27	54	-21.73	-	-	-	-	0	235	V
5	* 4.863	37.26	PK-U	34.1	-25.4	0	45.96	-	-	74	-28.04	-	-	57	270	V
	* 4.863	26.18	ADR	34.1	-25.4	0	34.88	54	-19.12	-	-	-	-	57	270	V
6	* 12.339	33.98	PK-U	39	-21.1	0	51.88	-	-	74	-22.12	-	-	344	263	V
	* 12.341	23.45	ADR	39	-21	0	41.45	54	-12.55	-	-	-	-	344	263	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Ch/Filtz/Psd (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)	Asimuth (Degs)	Height (cm)	Polarity
1	* 3.954	40.8	PK-U	33.2	-31	43	-	-	74	-31	-	-	356	253	H
	* 3.951	30.31	ADR	33.2	-31.1	32.41	54	-21.59	-	-	-	-	356	253	H
2	* 3.558	40.45	PK-U	33	-30.3	43.15	-	-	74	-30.85	-	-	206	298	V
	* 3.557	29.33	ADR	33	-30.3	32.03	54	-21.97	-	-	-	-	206	298	V
3	* 8.351	39.03	PK-U	35.7	-26.8	47.93	-	-	74	-26.07	-	-	278	179	H
	* 8.35	28.28	ADR	35.7	-26.8	37.18	54	-16.82	-	-	-	-	278	179	H
4	* 11.578	36.35	PK-U	38.4	-21.8	52.95	-	-	74	-21.05	-	-	312	163	H
	* 11.578	26.02	ADR	38.4	-21.9	42.52	54	-11.48	-	-	-	-	312	163	H
5	8.878	37.87	PK-U	36	-26.2	47.67	-	-	-	-	68.2	-20.53	167	135	V
6	* 11.142	36.18	PK-U	38.1	-23.6	50.68	-	-	74	-23.32	-	-	132	336	V
	* 11.139	26.07	ADR	38.1	-23.7	40.47	54	-13.53	-	-	-	-	132	336	V

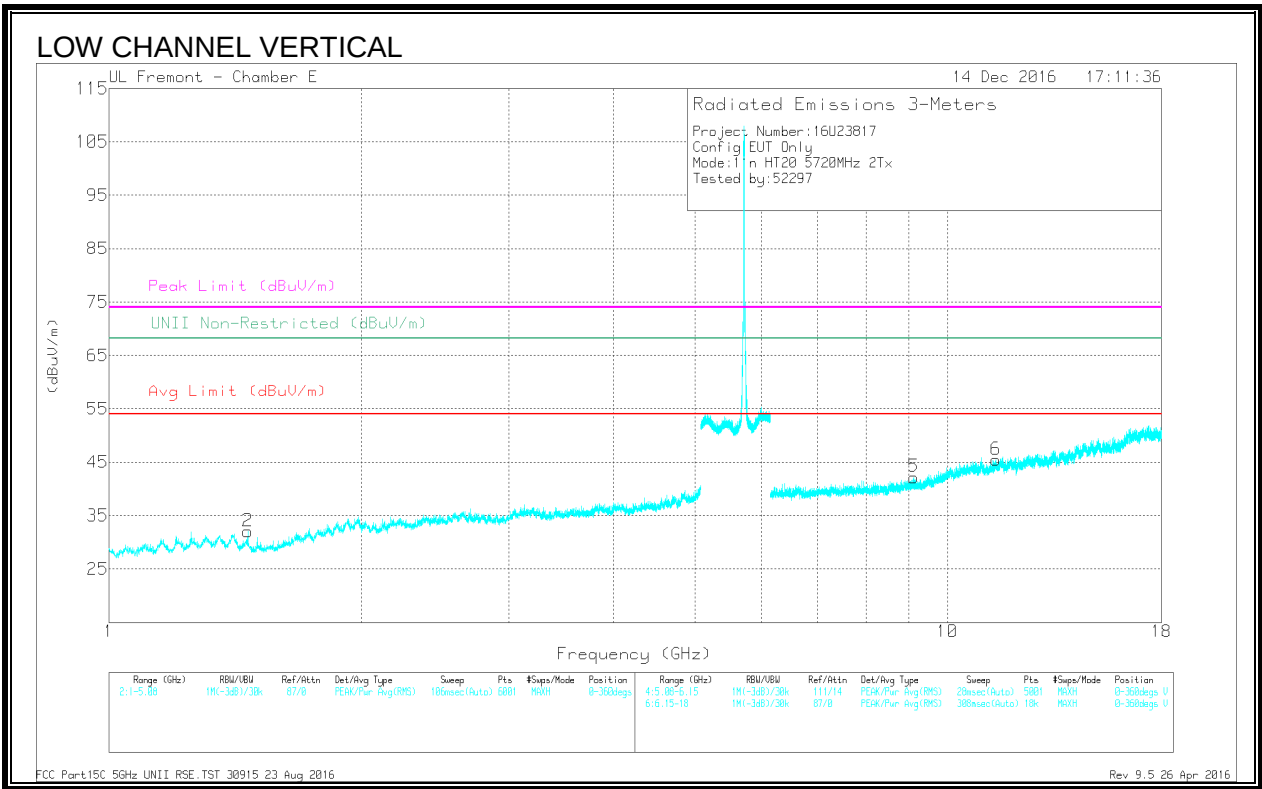
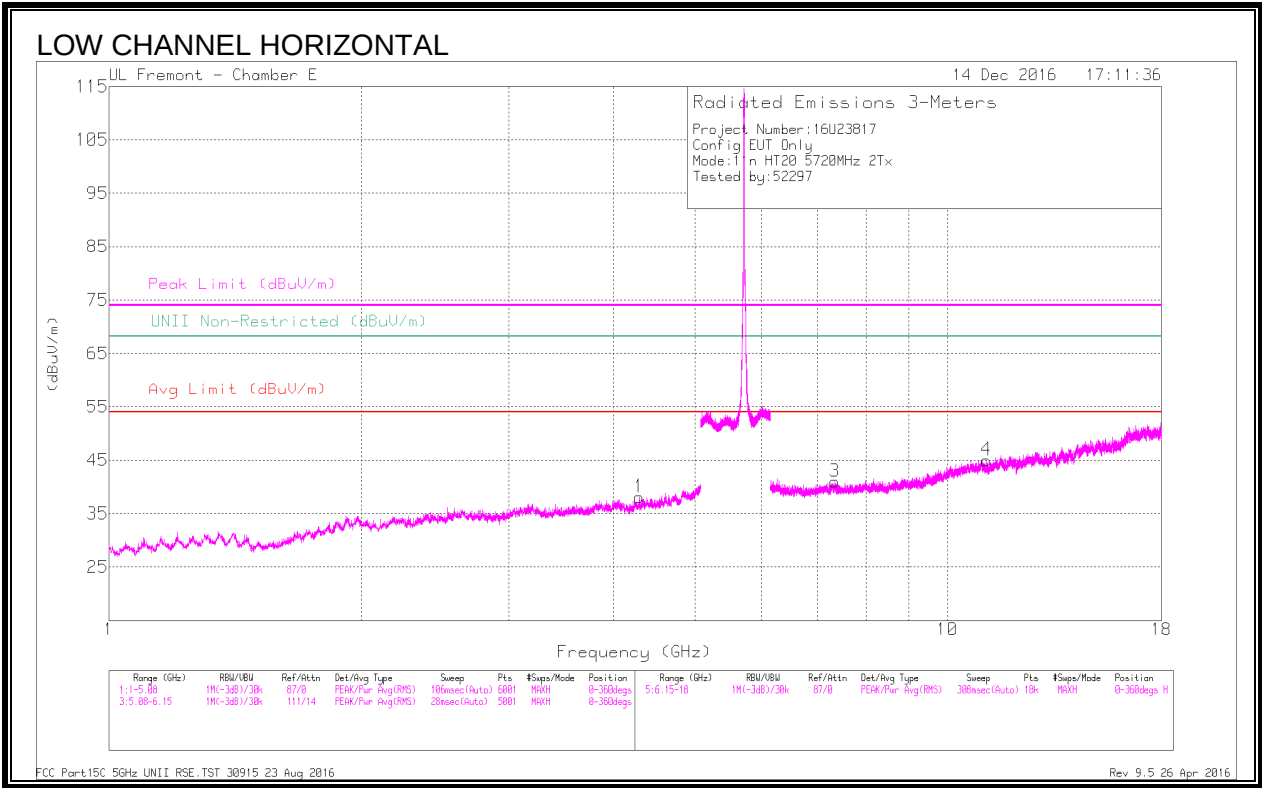
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.24. 11ac HT20 2TX CDD MIMO STRADDLE CHANNEL 144

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filtz/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	* 4.292	40.54	PK-U	33.3	-30.2	43.64	-	-	74	-30.36	-	-	351	383	H
	* 4.292	30.02	ADR	33.3	-30.2	33.12	54	-20.88	-	-	-	-	351	383	H
2	* 1.464	44.9	PK-U	28.2	-34.8	38.3	-	-	74	-35.7	-	-	293	331	V
	* 1.466	33.48	ADR	28.2	-34.8	26.88	54	-27.12	-	-	-	-	293	331	V
3	* 7.34	38.35	PK-U	35.6	-26.6	47.35	-	-	74	-26.65	-	-	258	250	H
	* 7.338	28.07	ADR	35.6	-26.6	37.07	54	-16.93	-	-	-	-	258	250	H
4	* 11.127	36.56	PK-U	38.1	-23.8	50.86	-	-	74	-23.14	-	-	169	205	H
	* 11.13	25.85	ADR	38.1	-23.7	40.25	54	-13.75	-	-	-	-	169	205	H
5	* 9.112	38.2	PK-U	36.2	-25.9	48.5	-	-	74	-25.5	-	-	130	176	V
	* 9.115	27.06	ADR	36.2	-25.8	37.46	54	-16.54	-	-	-	-	130	176	V
6	* 11.423	36.9	PK-U	38.2	-23.3	51.8	-	-	74	-22.2	-	-	189	220	V
	* 11.423	26.07	ADR	38.2	-23.3	40.97	54	-13.03	-	-	-	-	189	220	V

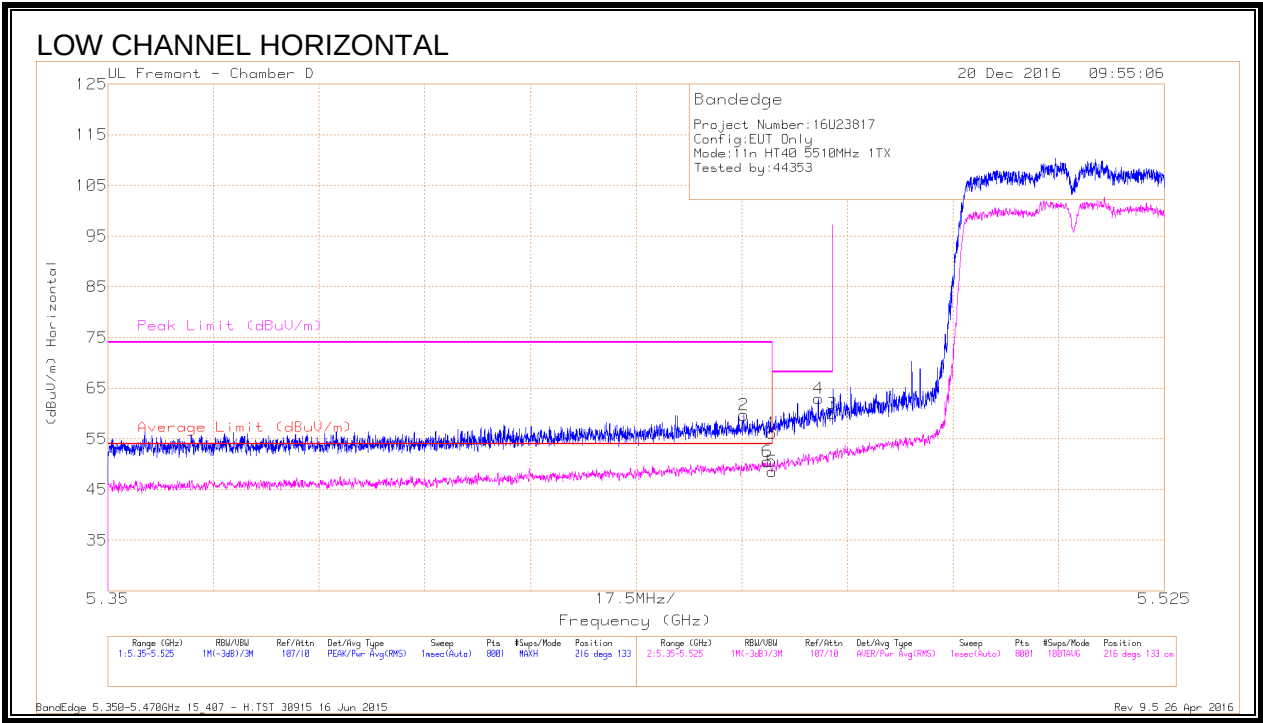
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

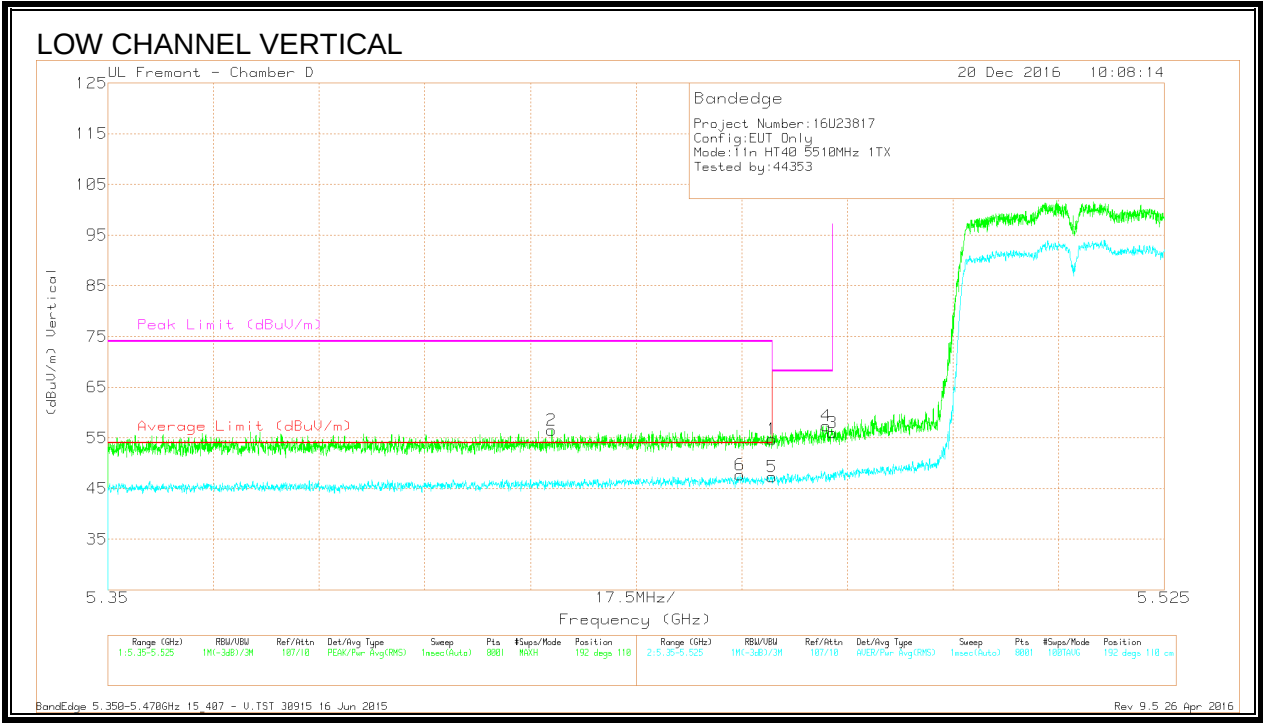
9.2.25. 11n HT40 ANTENNA A SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtz/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	39.67	Pk	34.4	-17.9	0	56.17	-	-	74	-17.83	216	133	H
2	* 5.455	43.27	Pk	34.4	-18	0	59.67	-	-	74	-14.33	216	133	H
5	* 5.46	31.94	RMS	34.4	-17.9	.1	48.54	54	-5.46	-	-	216	133	H
6	* 5.459	33.99	RMS	34.4	-18	.1	50.49	54	-3.51	-	-	216	133	H
4	5.468	46.41	Pk	34.4	-17.9	0	62.91	-	-	68.2	-5.29	216	133	H
3	5.47	43.42	Pk	34.4	-17.9	0	59.92	-	-	68.2	-8.28	216	133	H

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

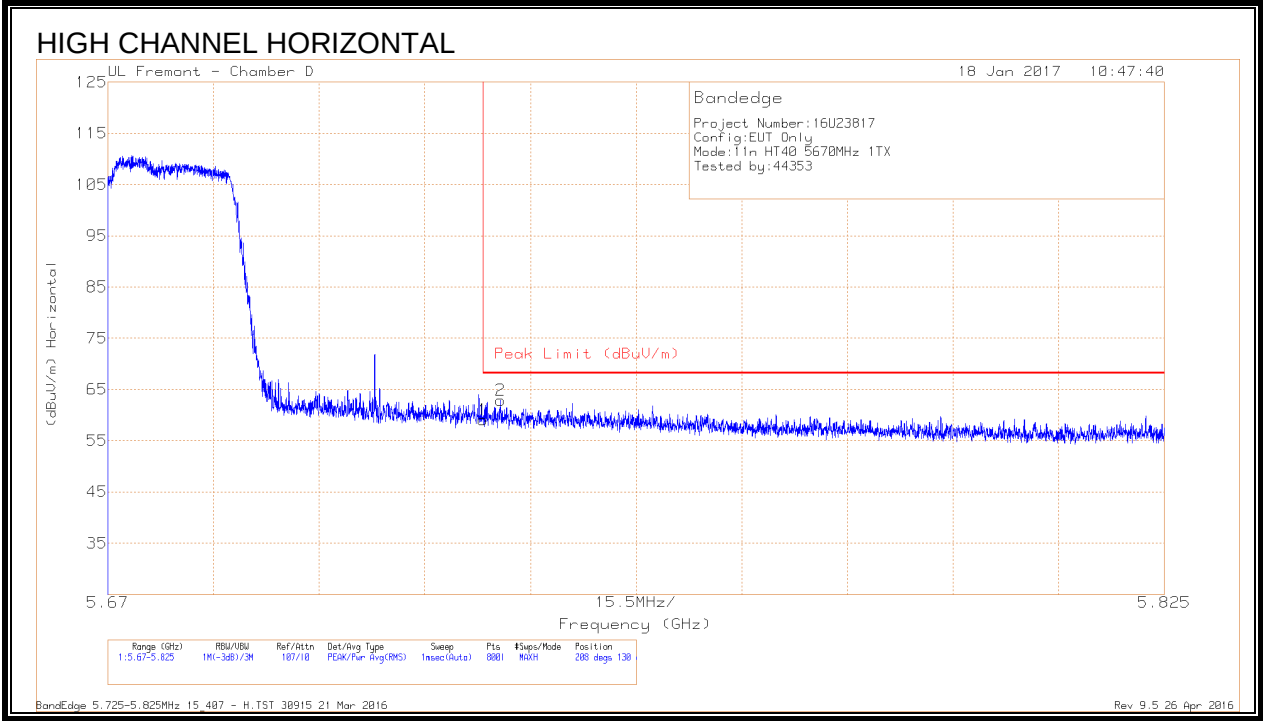


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.21	Pk	34.4	-17.9	0	54.71	-	-	74	-19.29	192	110	V
2	* 5.424	40.3	Pk	34.4	-18.2	0	56.5	-	-	74	-17.5	192	110	V
5	* 5.46	30.76	RMS	34.4	-17.9	.1	47.36	54	-6.64	-	-	192	110	V
6	* 5.455	31.21	RMS	34.4	-18	.1	47.71	54	-6.29	-	-	192	110	V
4	5.469	40.82	Pk	34.4	-17.9	0	57.32	-	-	68.2	-10.88	192	110	V
3	5.47	39.51	Pk	34.4	-17.9	0	56.01	-	-	68.2	-12.19	192	110	V

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

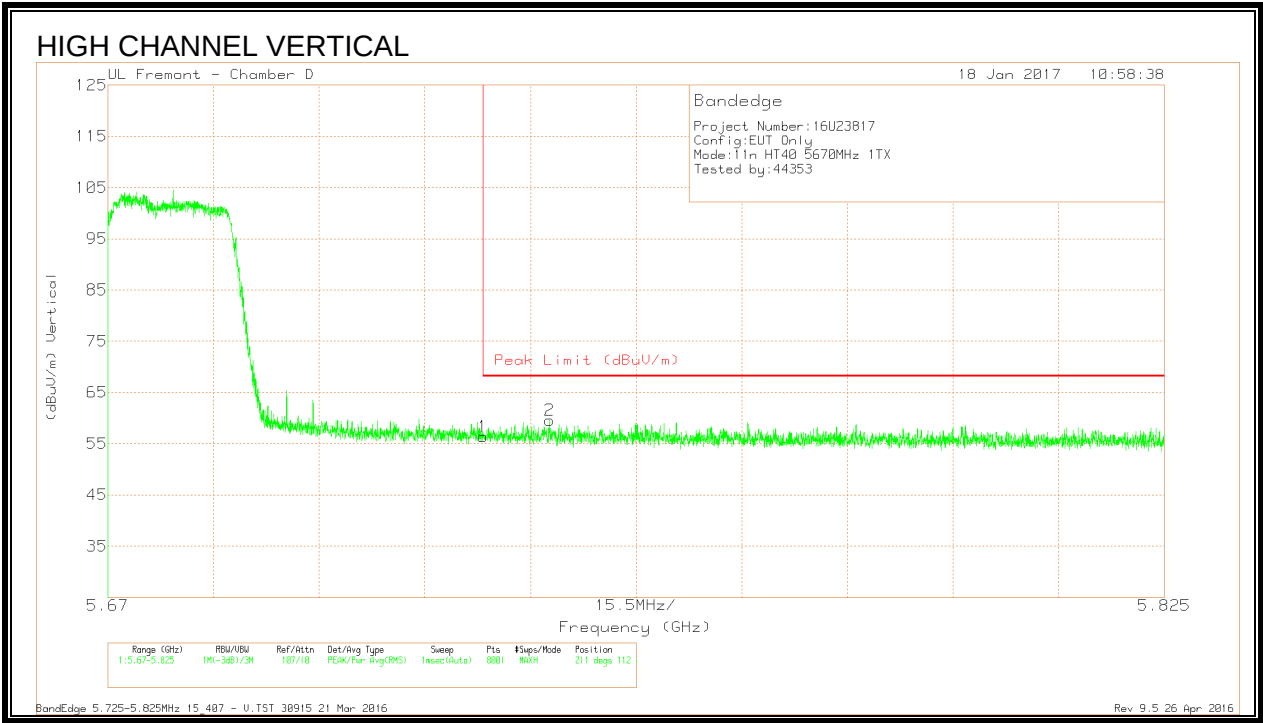
Pk - Peak detector

RMS - RMS detection



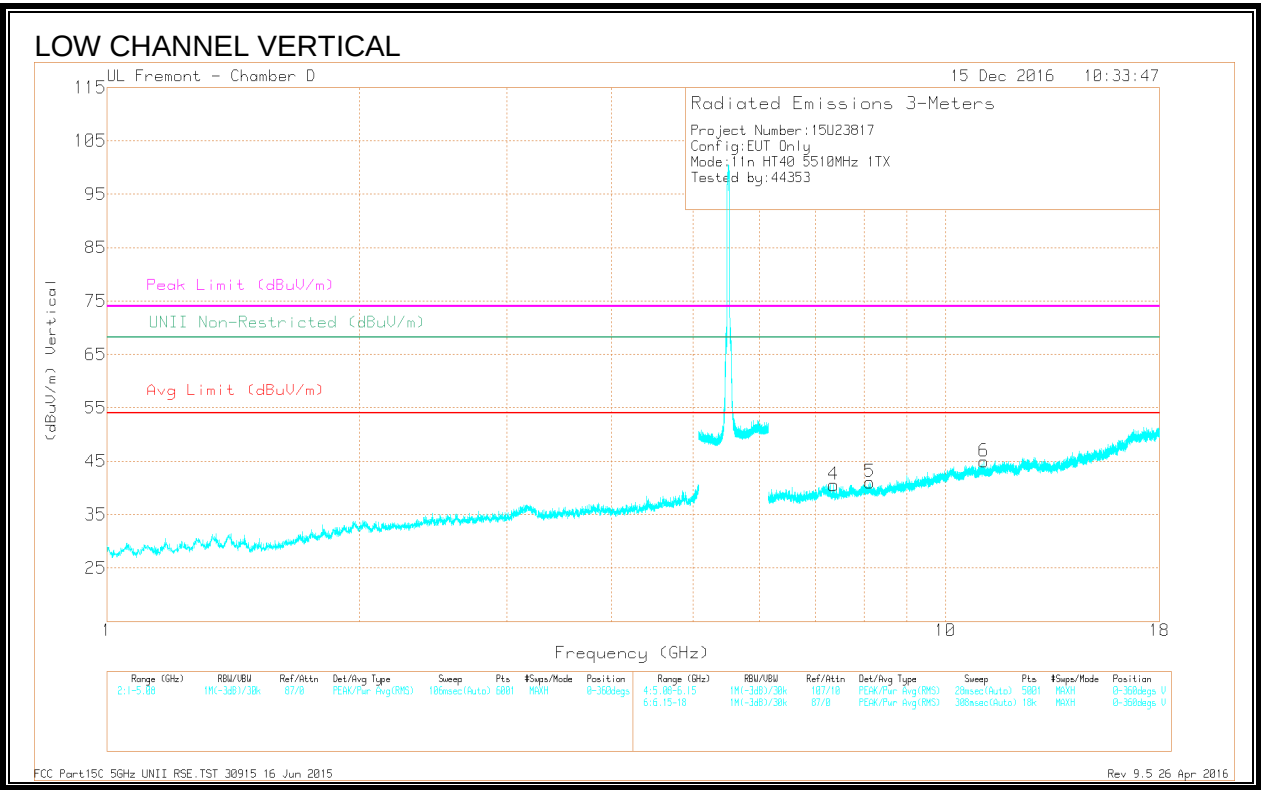
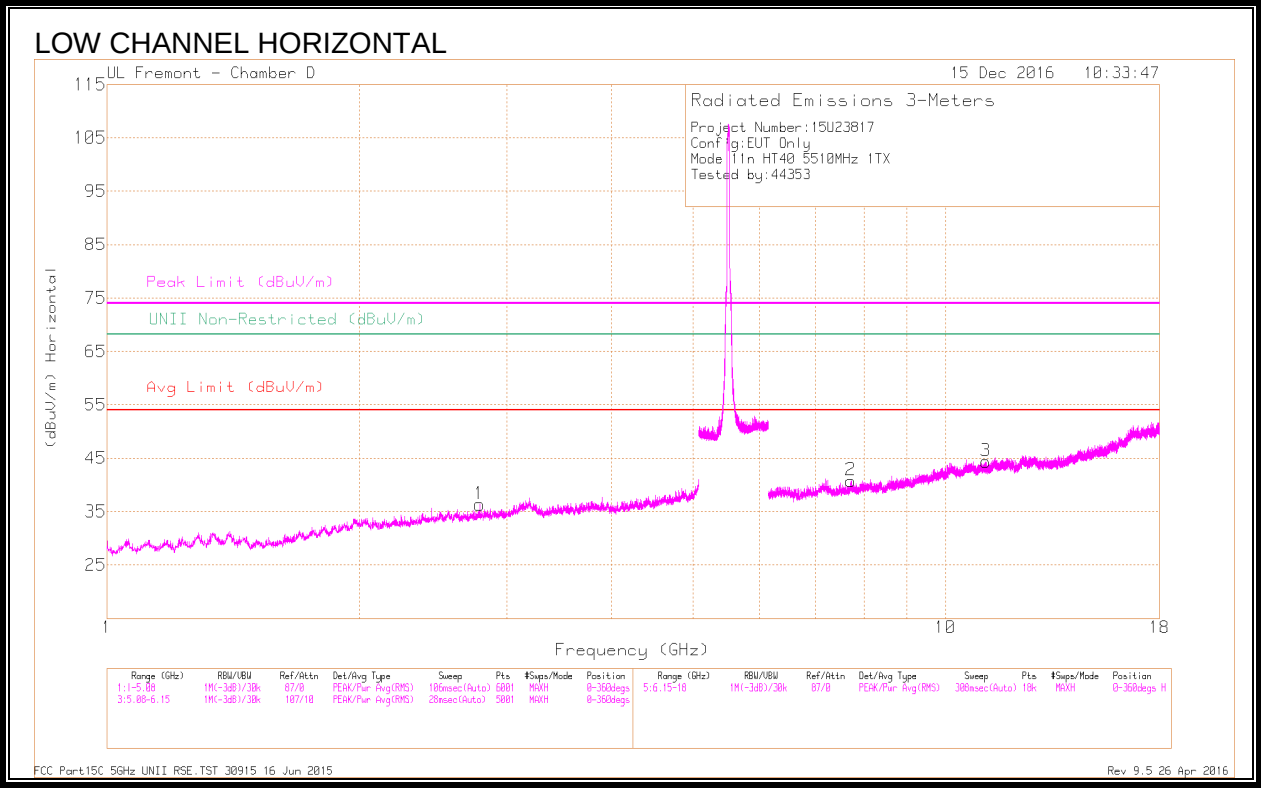
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.53	Pk	35.1	-17.5	0	59.13	68.2	-9.07	208	130	H
2	5.728	45.4	Pk	35.1	-17.6	0	62.9	68.2	-5.3	208	130	H

Pk - Peak detector



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.74	Pk	35.1	-17.5	0	56.34	68.2	-11.86	211	112	V
2	5.735	42	Pk	35.1	-17.5	0	59.6	68.2	-8.6	211	112	V

Pk - Peak detector



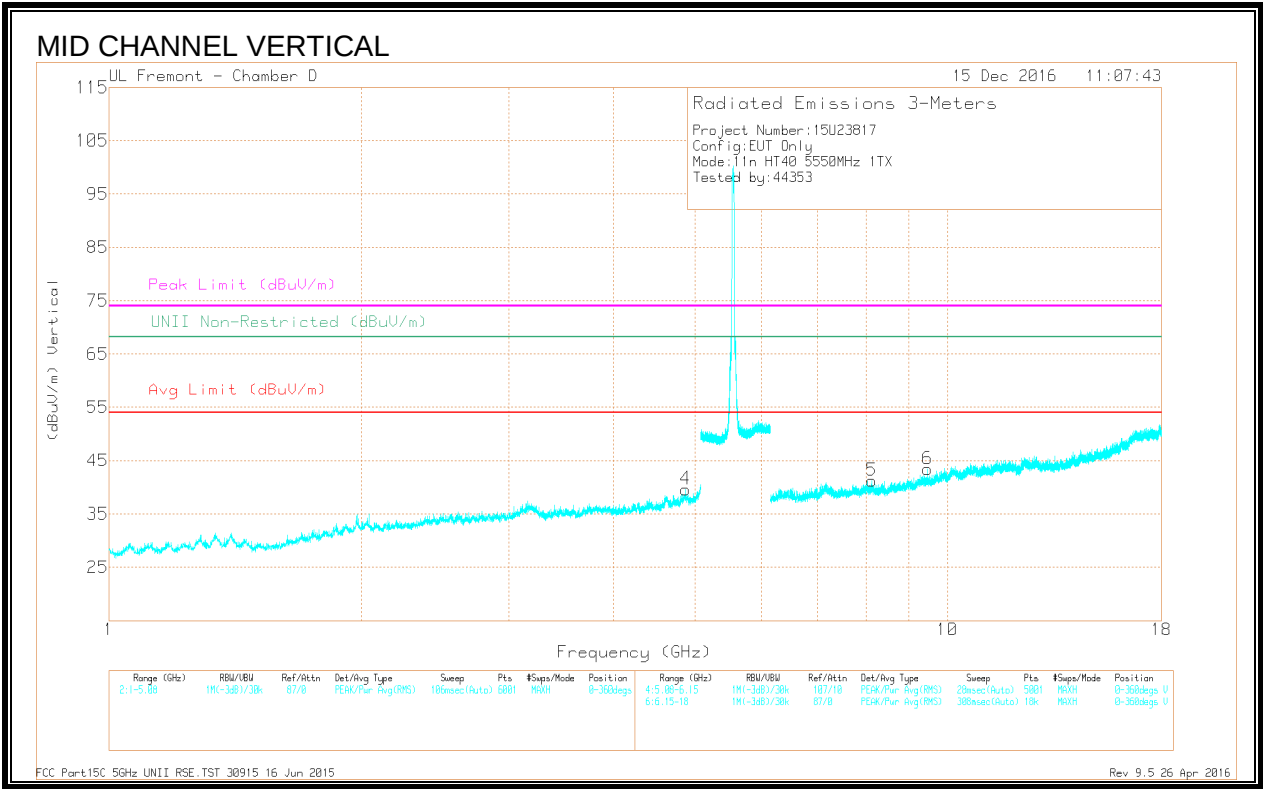
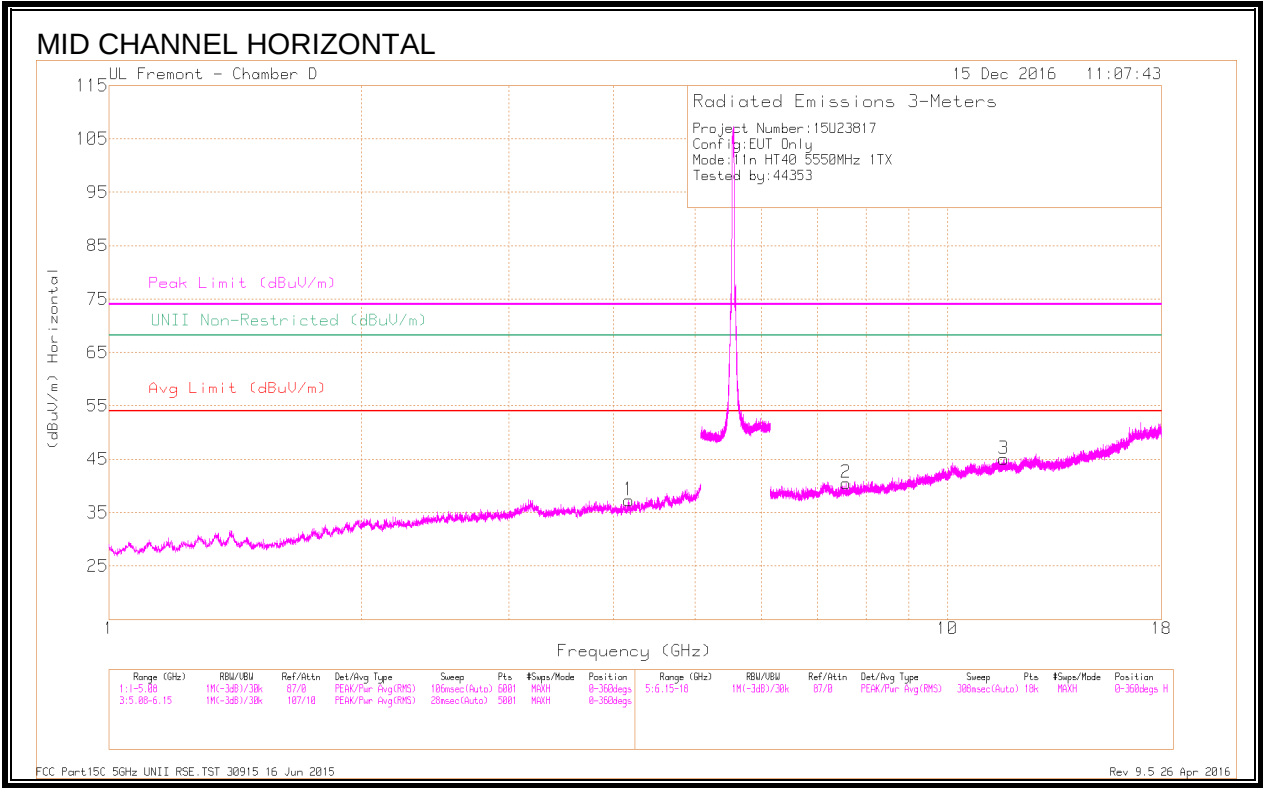
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cal/Fit/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.784	39.6	PK-U	32.3	-29.8	0	42.1	-	-	74	-31.9	-	-	154	199	H
	* 2.782	28.9	ADR	32.3	-29.8	.1	31.5	54	-22.5	-	-	-	-	154	199	H
2	* 7.711	34.97	PK-U	35.8	-24.2	0	46.57	-	-	74	-27.43	-	-	266	171	H
	* 7.709	25.39	ADR	35.8	-24.2	.1	37.09	54	-16.91	-	-	-	-	266	171	H
3	* 11.176	33.36	PK-U	38.1	-21.5	0	49.96	-	-	74	-24.04	-	-	73	116	H
	* 11.175	23.74	ADR	38.1	-21.5	.1	40.44	54	-13.56	-	-	-	-	71	116	H
4	* 7.36	36.13	PK-U	35.6	-25.5	0	46.23	-	-	74	-27.77	-	-	344	272	V
	* 7.358	26.05	ADR	35.6	-25.5	.1	36.25	54	-17.75	-	-	-	-	344	272	V
5	* 8.123	35.08	PK-U	35.8	-23.7	0	47.18	-	-	74	-26.82	-	-	113	167	V
	* 8.123	25.09	ADR	35.8	-23.7	.1	37.29	54	-16.71	-	-	-	-	113	167	V
6	* 11.109	34.2	PK-U	38.1	-21.6	0	50.7	-	-	74	-23.3	-	-	36	129	V
	* 11.108	23.92	ADR	38.1	-21.6	.1	40.52	54	-13.48	-	-	-	-	36	129	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



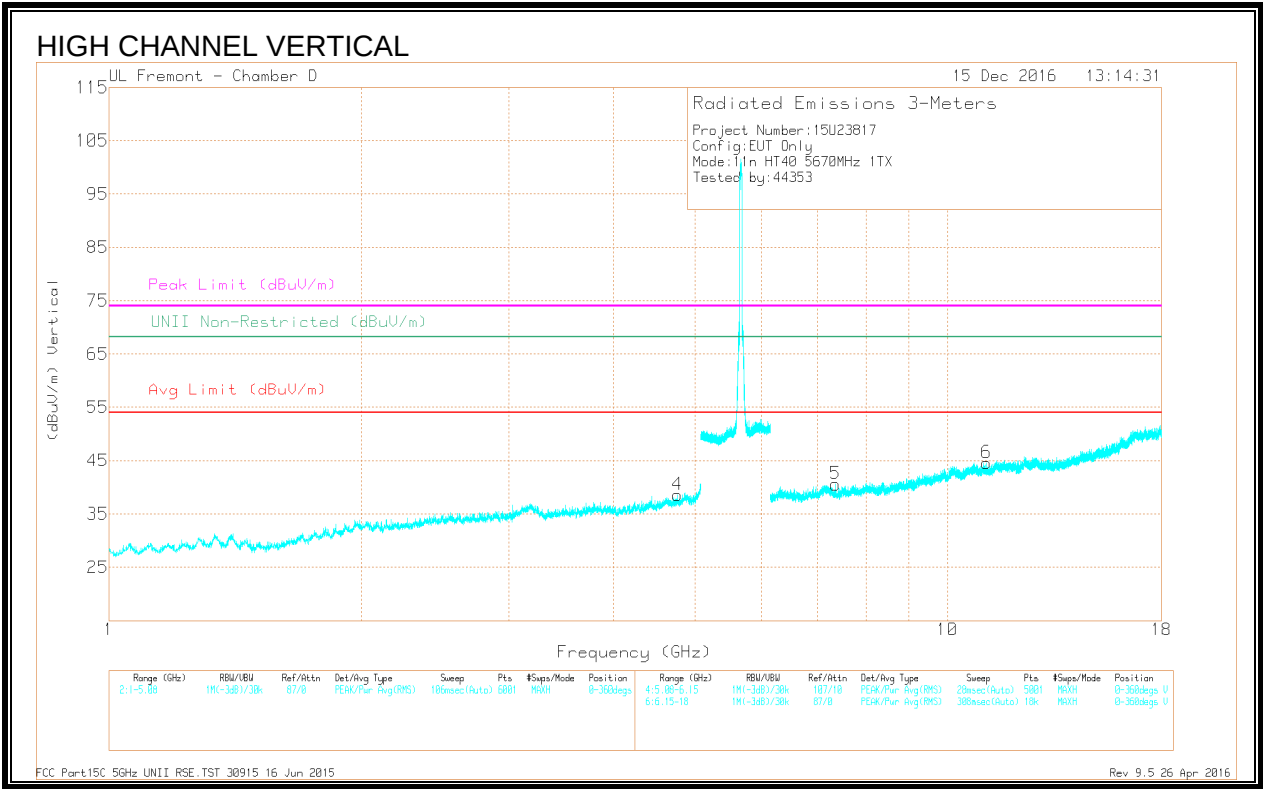
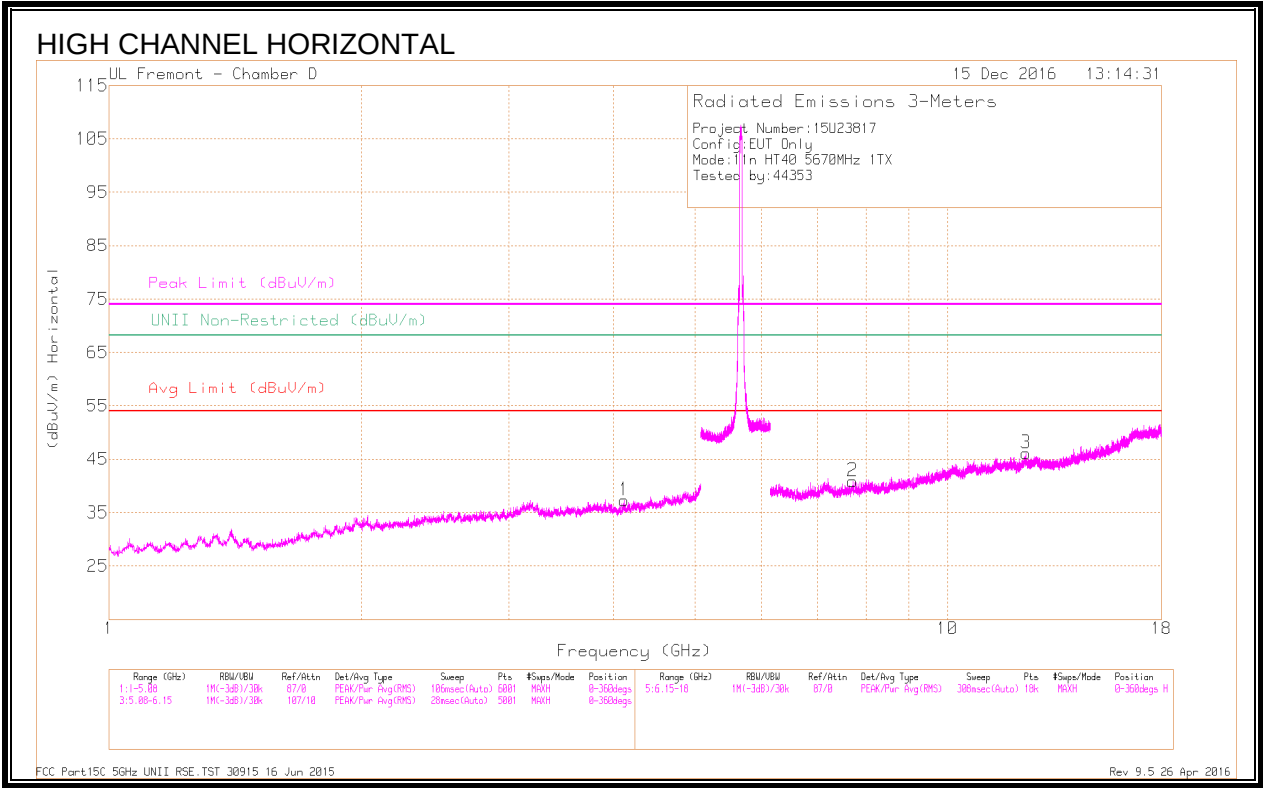
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.169	38.15	PK-U	33.5	-28.2	0	43.45	-	-	74	-30.55	-	-	229	206	H
	* 4.169	28.05	ADR	33.5	-28.3	.1	33.35	54	-20.65	-	-	-	-	229	206	H
4	* 4.871	36.47	PK-U	34.1	-25.2	0	45.37	-	-	74	-28.63	-	-	321	174	V
	* 4.87	26.17	ADR	34.1	-25.3	.1	35.07	54	-18.93	-	-	-	-	321	174	V
7	* 7.568	35.9	PK-U	35.8	-25.4	0	46.3	-	-	74	-27.7	-	-	283	102	H
	* 7.569	25.62	ADR	35.8	-25.4	.1	36.12	54	-17.88	-	-	-	-	283	102	H
3	* 11.675	33.97	PK-U	38.6	-21	0	51.57	-	-	74	-22.43	-	-	11	294	H
	* 11.673	23.73	ADR	38.6	-21	.1	41.43	54	-12.57	-	-	-	-	11	294	H
5	* 8.122	35.24	PK-U	35.8	-23.7	0	47.34	-	-	74	-26.66	-	-	185	177	V
	* 8.123	25.14	ADR	35.8	-23.7	.1	37.34	54	-16.66	-	-	-	-	185	177	V
6	* 9.474	33.62	PK-U	36.6	-21.2	0	49.02	-	-	74	-24.98	-	-	114	382	V
	* 9.475	23.37	ADR	36.6	-21.2	.1	38.87	54	-15.13	-	-	-	-	114	382	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



Radiated Emissions

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Ch/FR/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.116	38.6	PK-U	33.6	-28.4	0	43.8	-	-	74	-30.2	-	-	92	313	H
	* 4.112	27.99	ADR	33.6	-28.5	.1	33.19	54	-20.81	-	-	-	-	92	313	H
2	* 7.71	36.03	PK-U	35.8	-24.2	0	47.63	-	-	74	-26.37	-	-	110	144	H
	* 7.71	25.42	ADR	35.8	-24.2	.1	37.12	54	-16.88	-	-	-	-	110	144	H
3	* 12.416	34.46	PK-U	39.1	-21.2	0	52.36	-	-	74	-21.64	-	-	350	189	H
	* 12.419	24.03	ADR	39.1	-21.3	.1	41.93	54	-12.07	-	-	-	-	350	189	H
4	* 4.766	38.52	PK-U	34	-27.3	0	45.22	-	-	74	-28.78	-	-	238	224	V
	* 4.766	27.63	ADR	34	-27.3	.1	34.43	54	-19.57	-	-	-	-	238	224	V
5	* 7.353	36.26	PK-U	35.6	-25.7	0	46.16	-	-	74	-27.84	-	-	197	364	V
	* 7.35	26.11	ADR	35.6	-25.7	.1	36.11	54	-17.89	-	-	-	-	197	364	V
6	* 11.139	34.54	PK-U	38.1	-21.5	0	51.14	-	-	74	-22.86	-	-	216	155	V
	* 11.139	23.81	ADR	38.1	-21.5	.1	40.51	54	-13.49	-	-	-	-	216	155	V

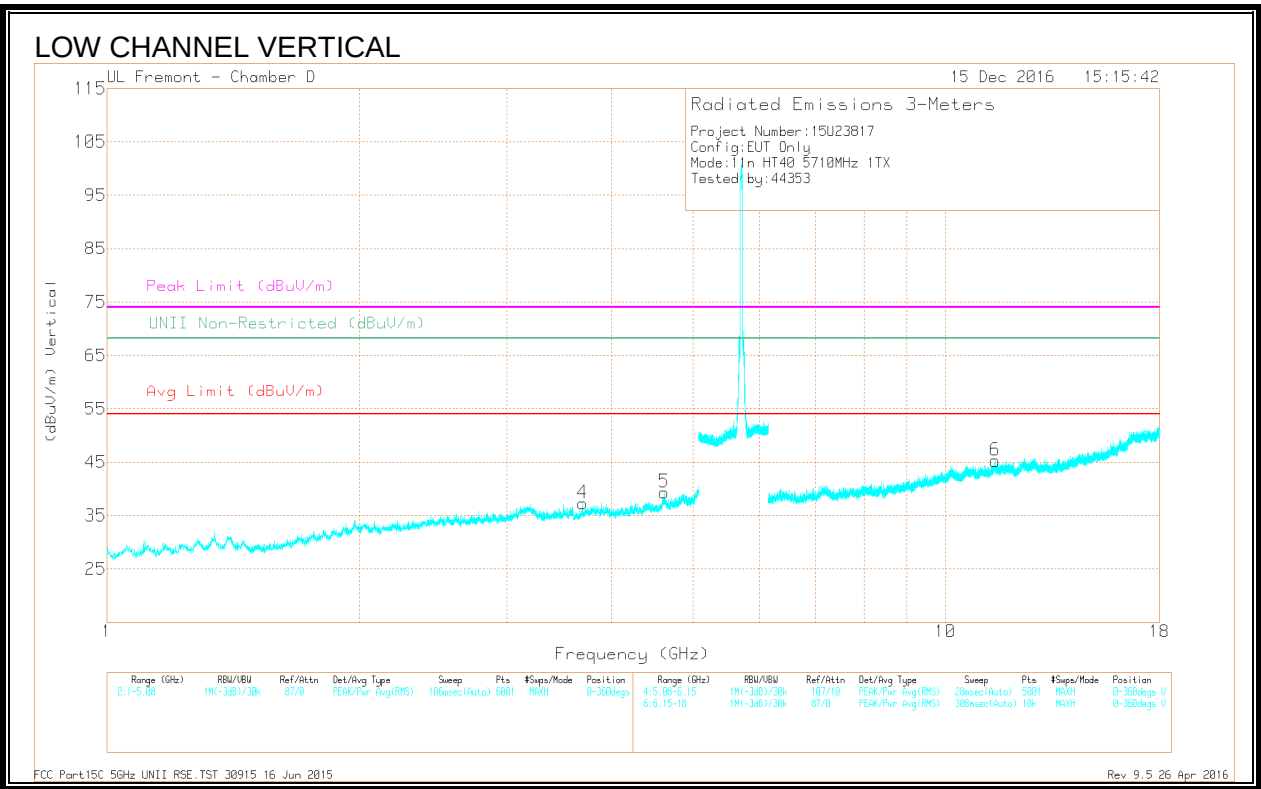
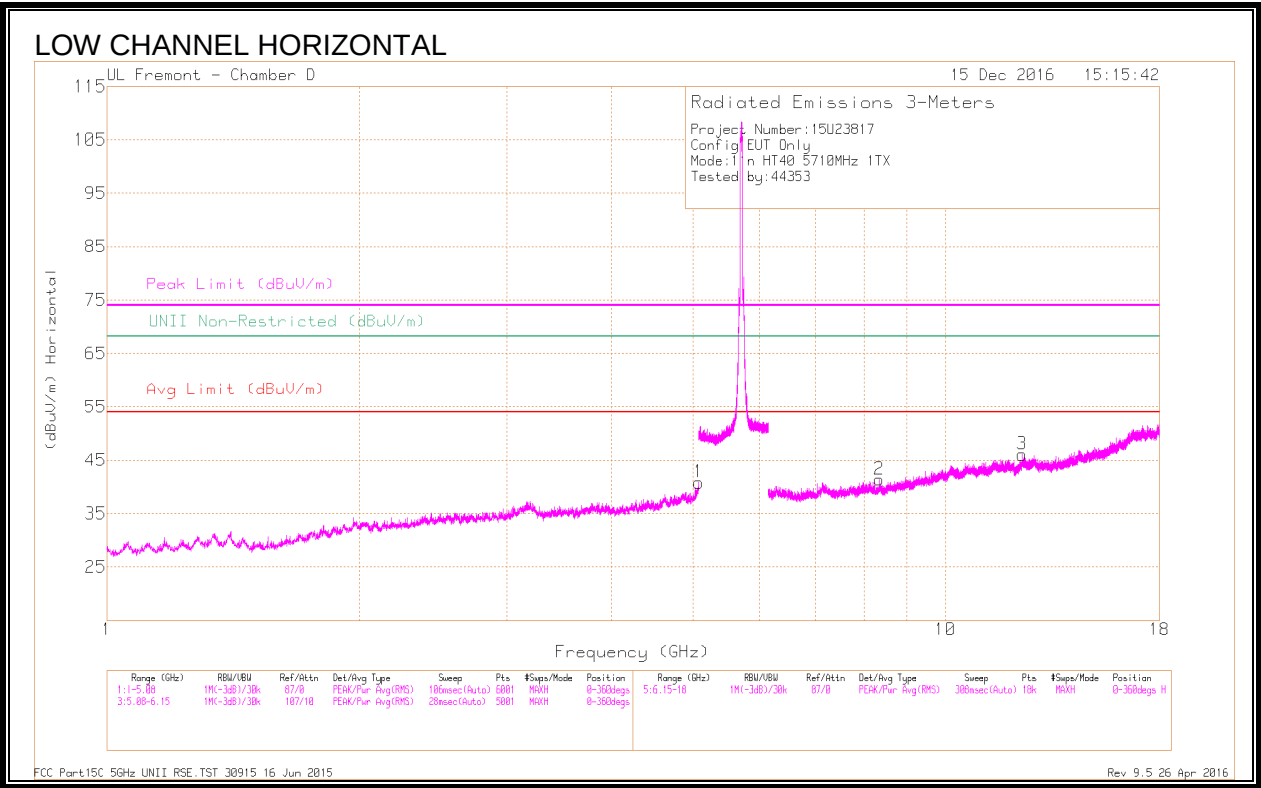
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.26. 11n HT40 ANTENNA A SISO STRADDLE CHANNEL 142

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dB/m)	Amp/Cd/FHz/Fnd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.078	38.03	PK-U	34	-24.3	0	47.73	-	-	74	-26.27	-	-	309	142	H
	* 5.079	27.26	ADR	34	-24.2	.1	37.16	54	-16.84	-	-	-	-	309	142	H
2	* 8.337	34.95	PK-U	35.8	-23.8	0	46.95	-	-	74	-27.05	-	-	80	293	H
	* 8.336	25.09	ADR	35.8	-23.8	.1	37.19	54	-16.81	-	-	-	-	80	293	H
3	* 12.351	34.14	PK-U	39	-20.9	0	52.24	-	-	74	-21.76	-	-	171	327	H
	* 12.353	24.05	ADR	39	-20.9	.1	42.25	54	-11.75	-	-	-	-	171	327	H
4	* 3.695	38.6	PK-U	33.5	-29.1	0	43	-	-	74	-31	-	-	259	187	V
	* 3.693	28.38	ADR	33.5	-29.1	.1	32.88	54	-21.12	-	-	-	-	259	187	V
5	* 4.619	37.64	PK-U	34.1	-26.9	0	44.84	-	-	74	-29.16	-	-	48	212	V
	* 4.622	27.28	ADR	34.1	-26.9	.1	34.58	54	-19.42	-	-	-	-	48	212	V
6	* 11.459	34.29	PK-U	38.4	-21.4	0	51.29	-	-	74	-22.71	-	-	122	140	V
	* 11.458	24.43	ADR	38.4	-21.4	.1	41.53	54	-12.47	-	-	-	-	122	140	V

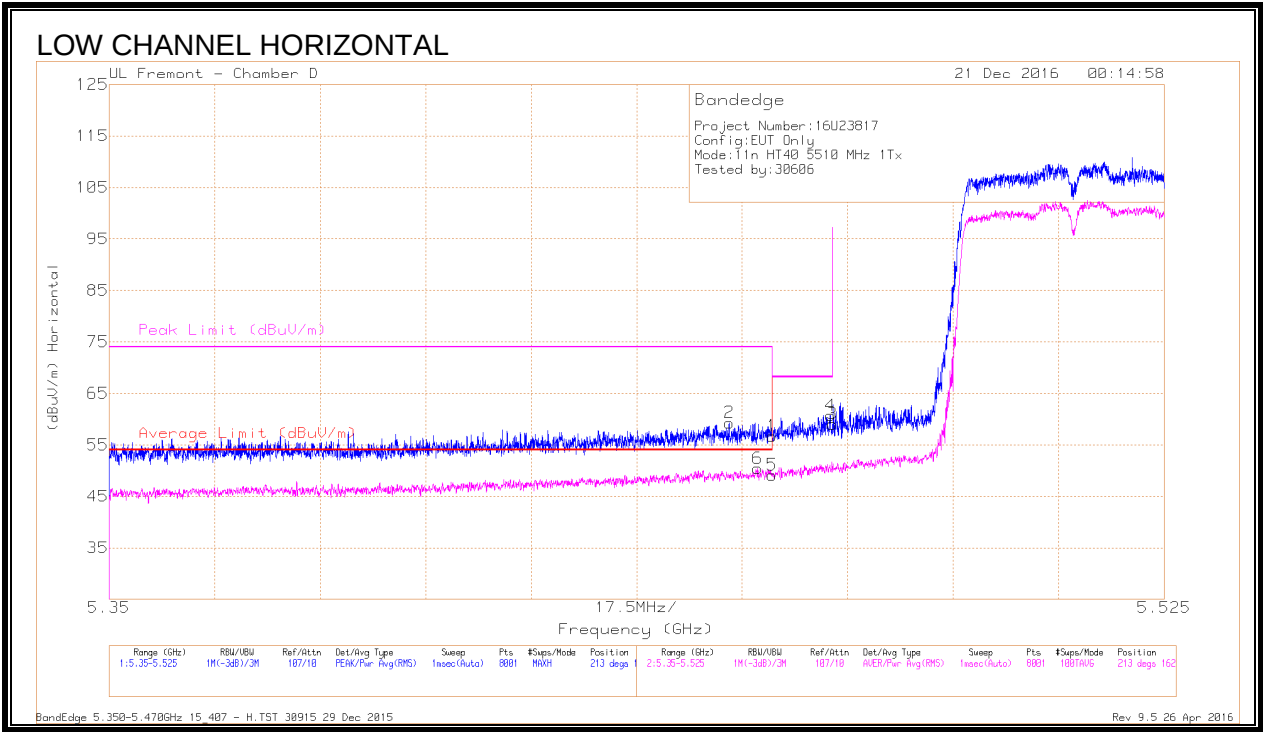
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.27. 11n HT40 ANTENNA B SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

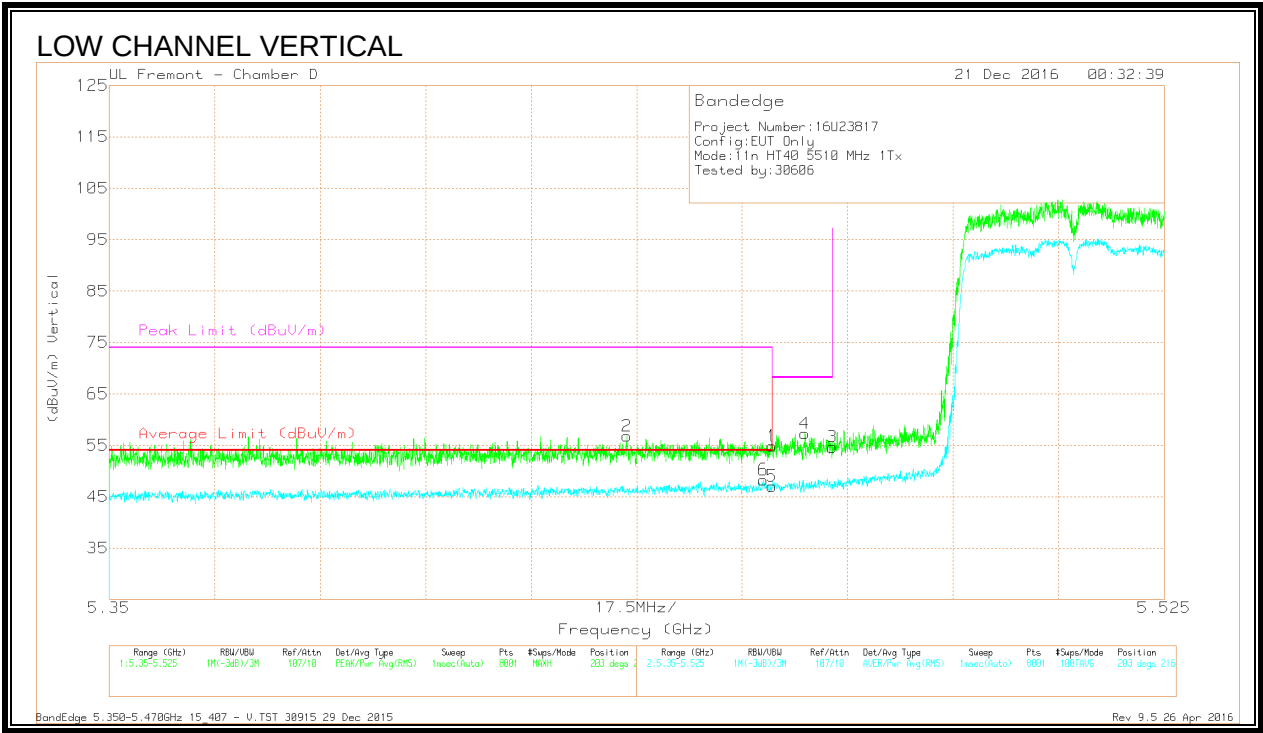


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	40.22	Pk	34.4	-17.9	0	56.72	-	-	74	-17.28	213	162	H
2	* 5.453	42.91	Pk	34.4	-18	0	59.31	-	-	74	-14.69	213	162	H
5	* 5.46	32.54	RMS	34.4	-17.9	.1	49.14	54	-4.86	-	-	213	162	H
6	* 5.458	33.92	RMS	34.4	-18	.1	50.42	54	-3.58	-	-	213	162	H
3	5.47	42.57	Pk	34.4	-17.9	0	59.07	-	-	68.2	-9.13	213	162	H
4	5.47	44.22	Pk	34.4	-17.9	0	60.72	-	-	68.2	-7.48	213	162	H

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

Pk - Peak detector

RMS - RMS detection

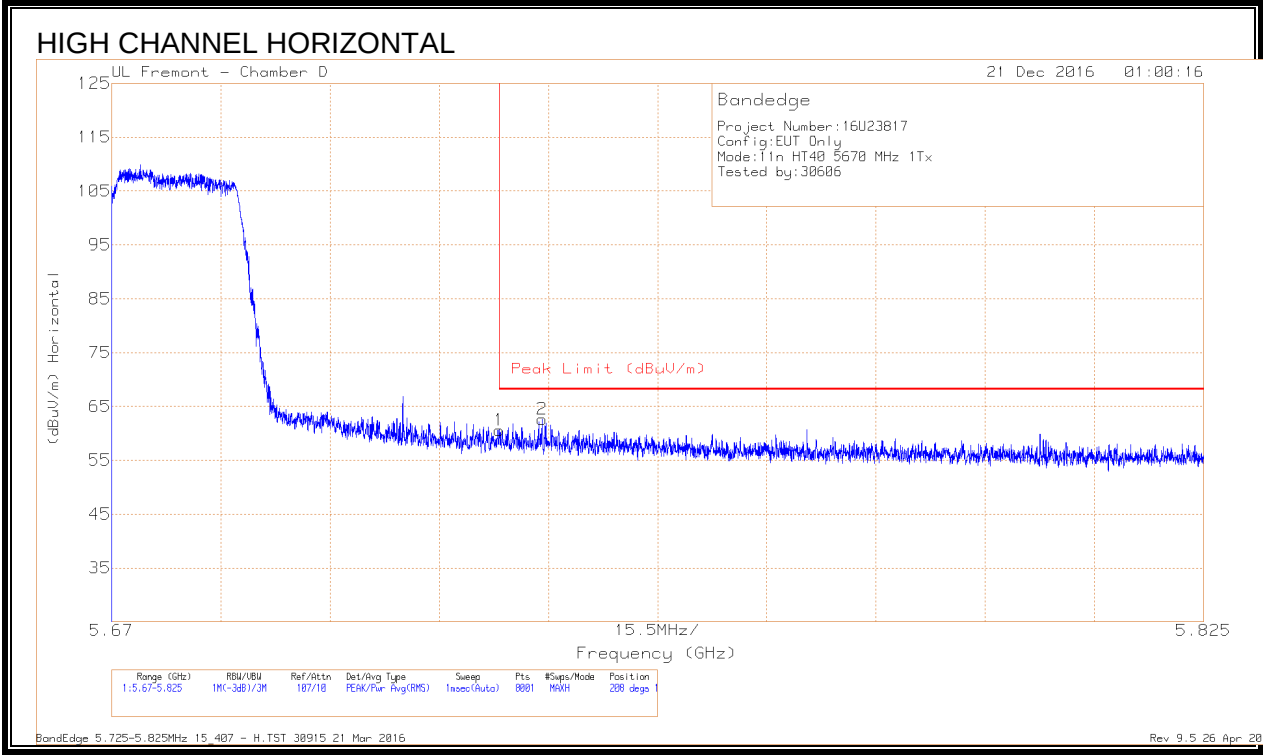


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.36	Pk	34.4	-17.9	0	54.86	-	-	74	-19.14	203	216	V
2	* 5.436	40.59	Pk	34.4	-18.2	0	56.79	-	-	74	-17.21	203	216	V
5	* 5.46	30.45	RMS	34.4	-17.9	.1	47.05	54	-6.95	-	-	203	216	V
6	* 5.459	31.77	RMS	34.4	-18	.1	48.27	54	-5.73	-	-	203	216	V
4	5.465	40.79	Pk	34.4	-17.9	0	57.29	-	-	68.2	-10.91	203	216	V
3	5.47	38.18	Pk	34.4	-17.9	0	54.68	-	-	68.2	-13.52	203	216	V

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

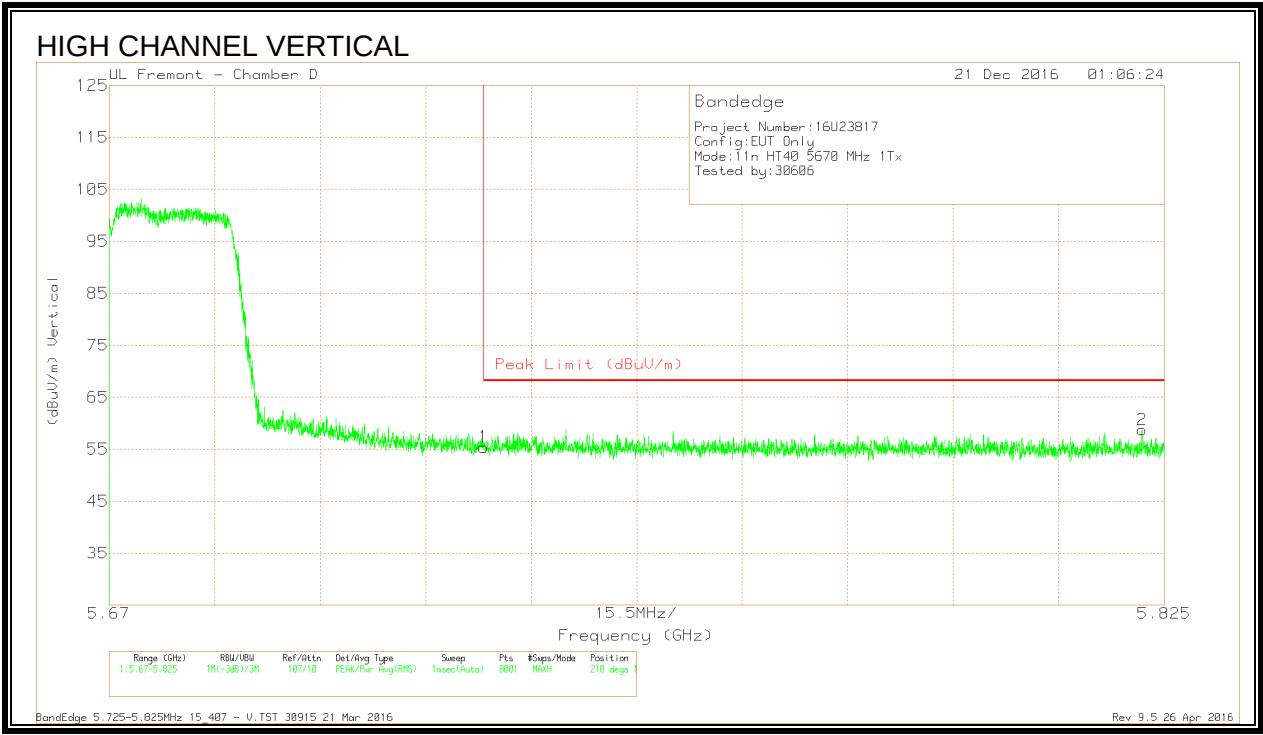
Pk - Peak detector

RMS - RMS detection



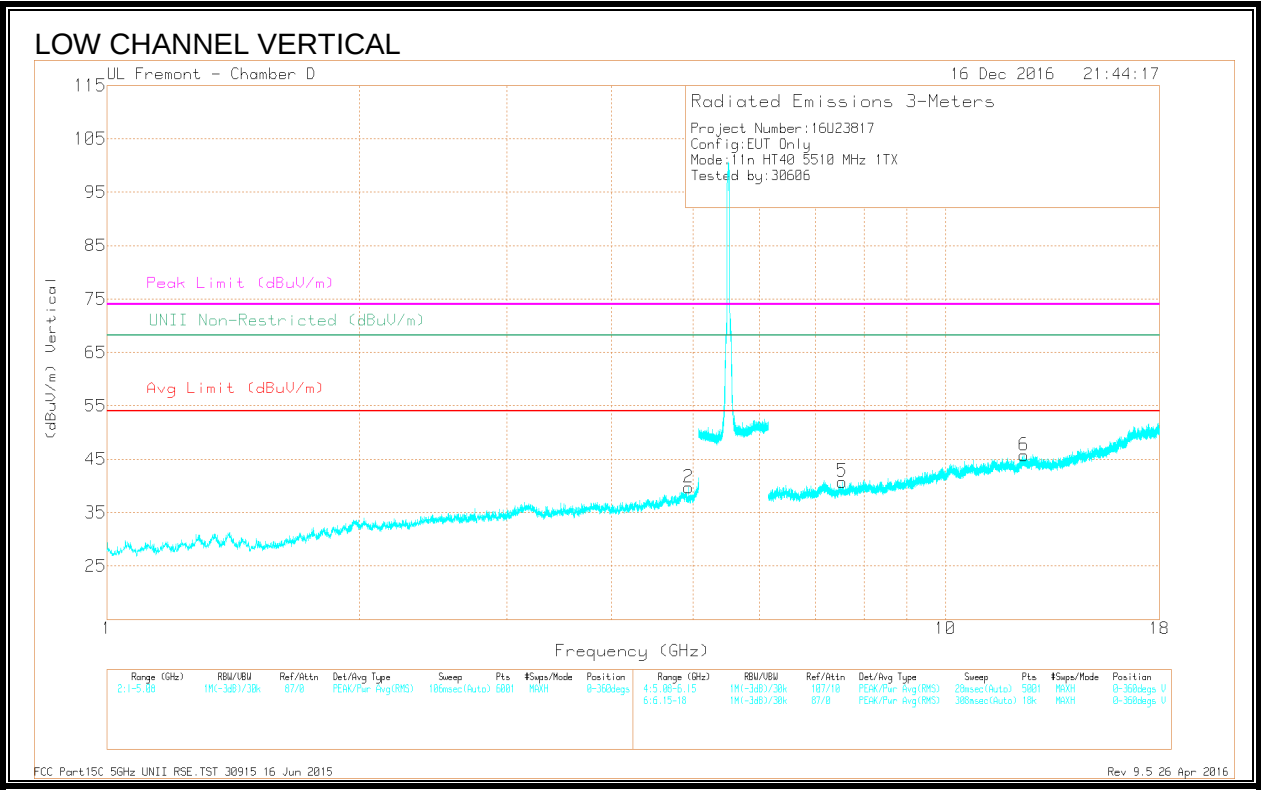
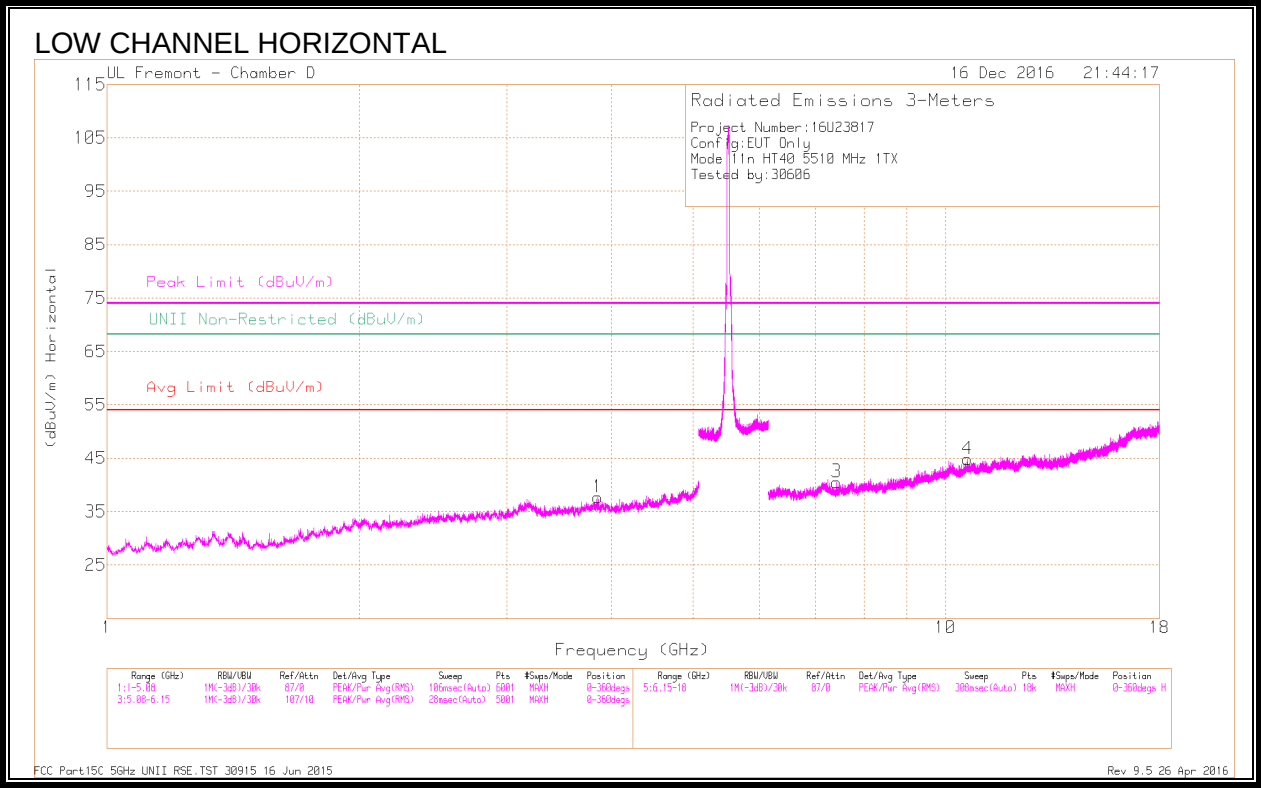
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.26	Pk	34.8	-17.5	0	60.56	68.2	-7.64	208	113	H
2	5.731	45.29	Pk	34.8	-17.5	0	62.59	68.2	-5.61	208	113	H

Pk - Peak detector



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.09	Pk	34.8	-17.5	0	55.39	68.2	-12.81	210	199	V
2	5.822	41.65	Pk	34.8	-17.7	0	58.75	68.2	-9.45	210	199	V

Pk - Peak detector



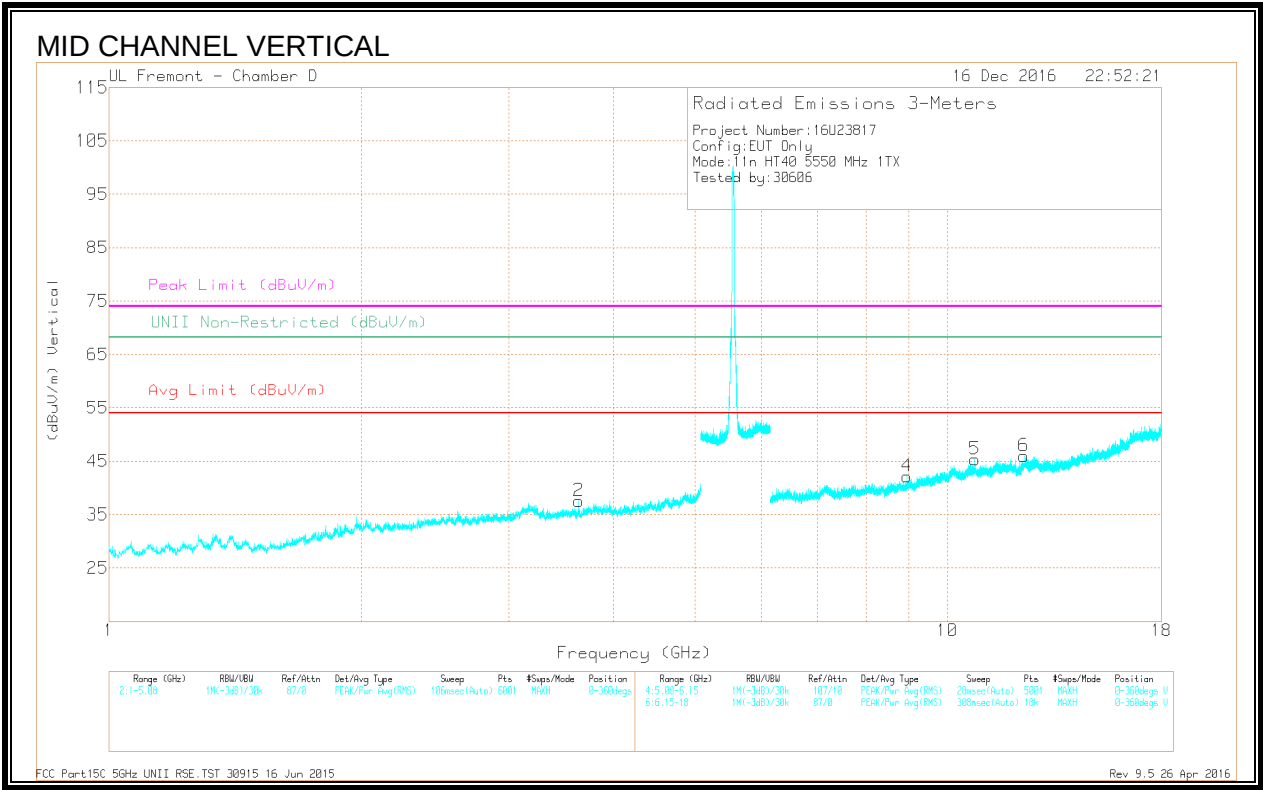
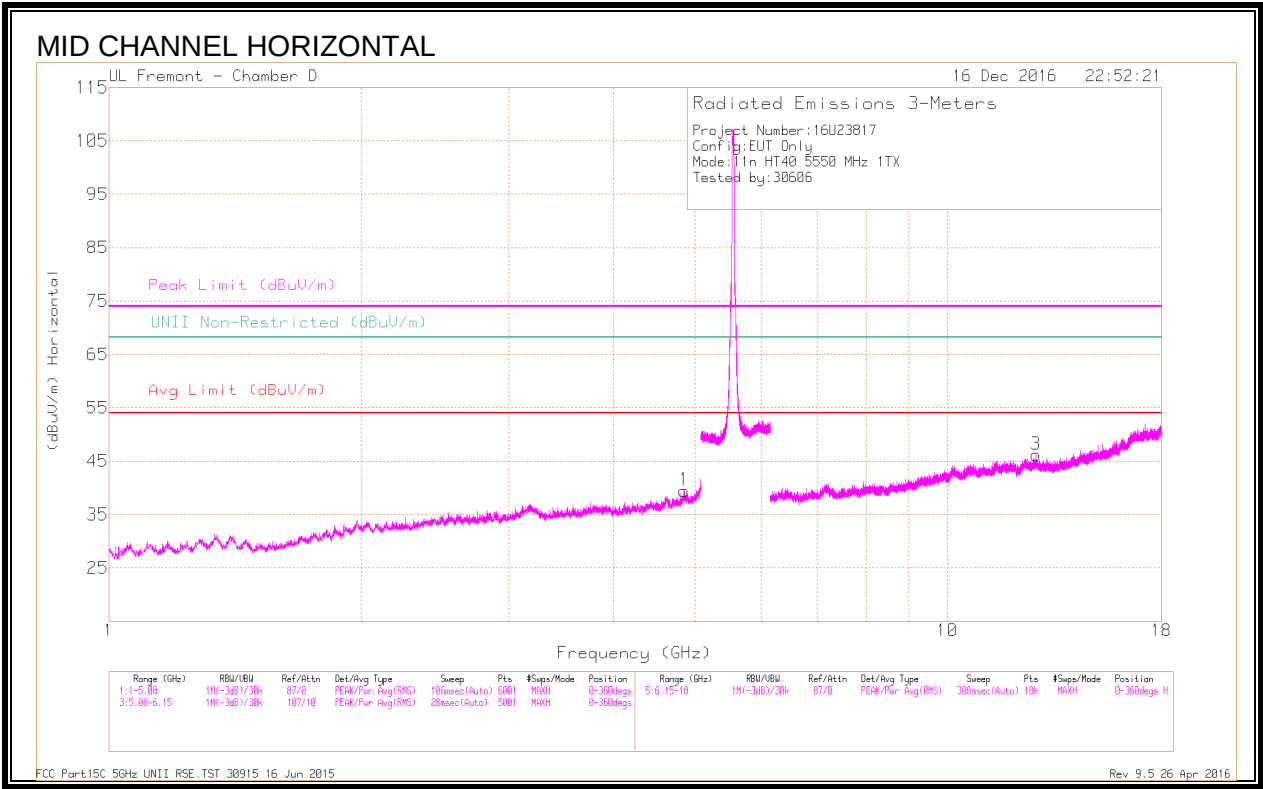
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/CM/Hz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	URRL Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.848	38.64	PK-U	33.5	-28.9	0	43.24	-	-	74	-30.76	-	-	43	100	H
	* 3.848	27.92	ADR	33.5	-28.9	.1	32.62	54	-21.38	-	-	-	-	43	100	H
2	* 4.939	37.04	PK-U	34.1	-26.7	0	44.44	-	-	74	-29.56	-	-	242	352	V
	* 4.942	26.6	ADR	34.1	-26.7	.1	34.1	54	-19.9	-	-	-	-	242	352	V
3	* 7.414	36.44	PK-U	35.6	-24.9	0	47.14	-	-	74	-26.86	-	-	260	120	H
	* 7.413	24.96	ADR	35.6	-24.9	.1	35.76	54	-18.24	-	-	-	-	260	120	H
4	* 10.621	34.36	PK-U	37.8	-21.5	0	50.66	-	-	74	-23.34	-	-	122	391	H
	* 10.622	23.61	ADR	37.8	-21.5	.1	40.01	54	-13.99	-	-	-	-	122	391	H
5	* 7.531	35.4	PK-U	35.7	-24.8	0	46.3	-	-	74	-27.7	-	-	238	397	V
	* 7.528	24.85	ADR	35.7	-24.8	.1	35.85	54	-18.15	-	-	-	-	238	397	V
6	* 12.411	34.35	PK-U	39.1	-21.1	0	52.35	-	-	74	-21.65	-	-	297	273	V
	* 12.412	23.4	ADR	39.1	-21.2	.1	41.4	54	-12.6	-	-	-	-	297	273	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



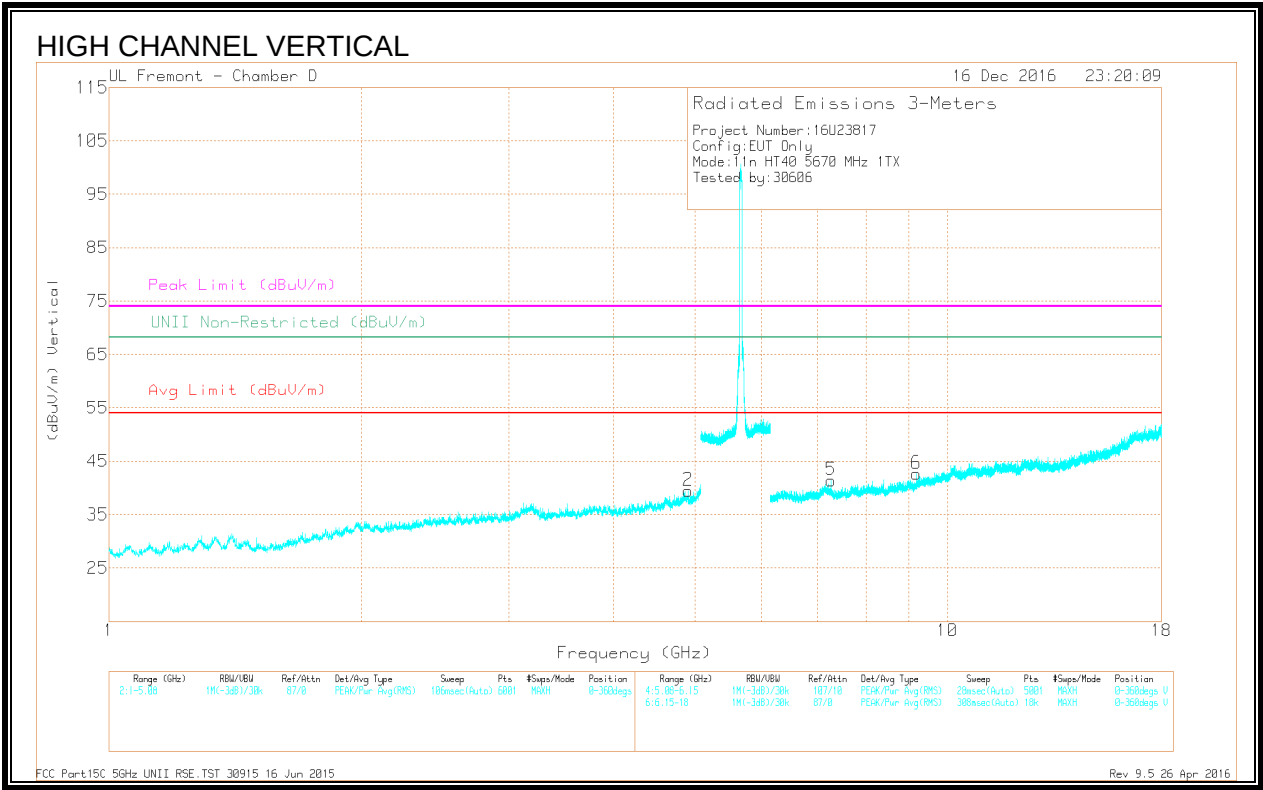
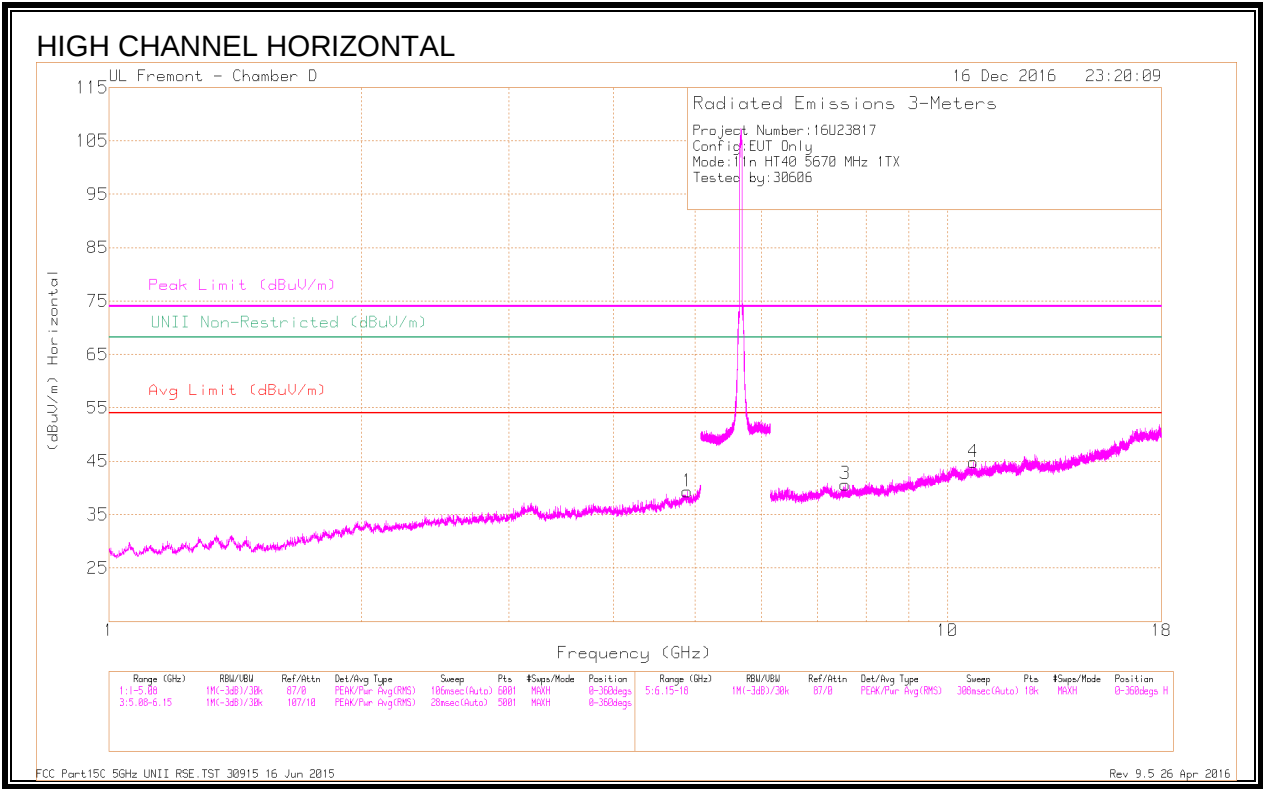
Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dB/m)	Amp/Cbl/Fbr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LNI Non-Restricted (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 4.851	36.44	PK-U	34.1	-25.8	0	44.74	-	-	74	-29.26	-	-	316	100	H
	* 4.853	26.11	ADR	34.1	-25.8	.1	34.51	54	-19.49	-	-	-	-	316	100	H
2	* 3.633	38.76	PK-U	33.4	-29	0	43.16	-	-	74	-30.84	-	-	345	201	V
	* 3.635	27.56	ADR	33.4	-29	.1	32.06	54	-21.94	-	-	-	-	345	201	V
3	12.754	34.12	PK-U	39.2	-21.6	0	51.72	-	-	-	-	68.2	-16.48	328	102	H
4	8.947	35.21	PK-U	36.1	-22.9	0	48.41	-	-	-	-	68.2	-19.79	73	102	V
5	* 10.782	33.59	PK-U	37.9	-20.6	0	50.89	-	-	74	-23.11	-	-	10	200	V
	* 10.783	23.14	ADR	37.9	-20.6	.1	40.54	54	-13.46	-	-	-	-	10	200	V
6	* 12.335	33.51	PK-U	39	-21.3	0	51.21	-	-	74	-22.79	-	-	155	200	V
	* 12.333	23.57	ADR	39	-21.4	.1	41.27	54	-12.73	-	-	-	-	155	200	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



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AP T712 (dB/m)	Amp/CM/Hz/Fed (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.895	36.68	PK-U	34.1	-25.4	0	45.38	-	-	74	-28.62	-	-	94	100	H
	* 4.896	25.95	ADR	34.1	-25.4	.1	34.75	54	-19.25	-	-	-	-	94	100	H
2	* 4.907	37.17	PK-U	34.1	-26.1	0	45.17	-	-	74	-28.83	-	-	317	100	V
	* 4.907	26.26	ADR	34.1	-26.1	.1	34.36	54	-19.64	-	-	-	-	317	100	V
3	* 7.555	36.3	PK-U	35.8	-24.9	0	47.2	-	-	74	-26.8	-	-	197	100	H
	* 7.553	24.8	ADR	35.7	-24.8	.1	35.8	54	-18.2	-	-	-	-	197	100	H
4	* 10.744	34.08	PK-U	37.9	-21.1	0	50.88	-	-	74	-23.12	-	-	82	100	H
	* 10.745	23.25	ADR	37.9	-21.1	.1	40.15	54	-13.85	-	-	-	-	82	100	H
5	* 7.262	35.36	PK-U	35.7	-24.7	0	46.36	-	-	74	-27.64	-	-	234	200	V
	* 7.263	24.96	ADR	35.7	-24.6	.1	36.16	54	-17.84	-	-	-	-	234	200	V
6	* 9.18	34.36	PK-U	36.3	-22.6	0	48.06	-	-	74	-25.94	-	-	190	194	V
	* 9.18	23.54	ADR	36.3	-22.6	.1	37.34	54	-16.66	-	-	-	-	190	194	V

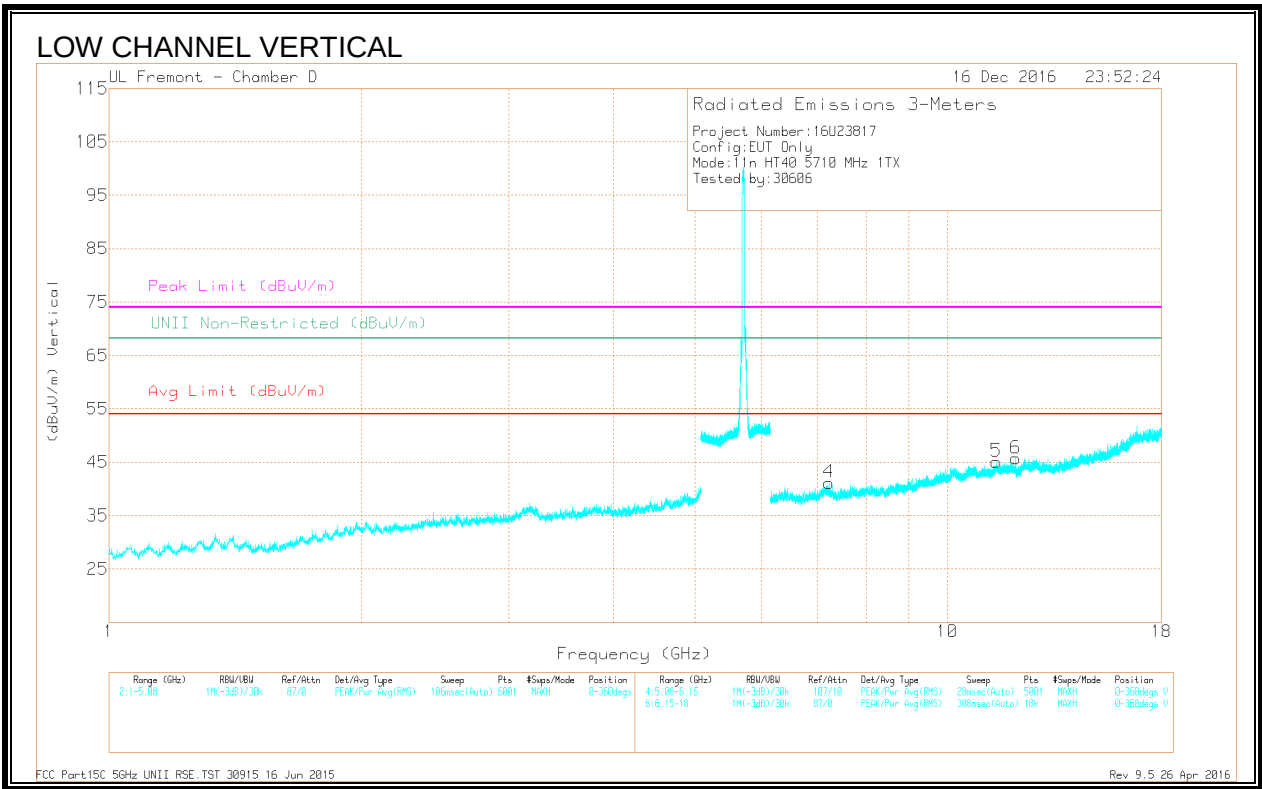
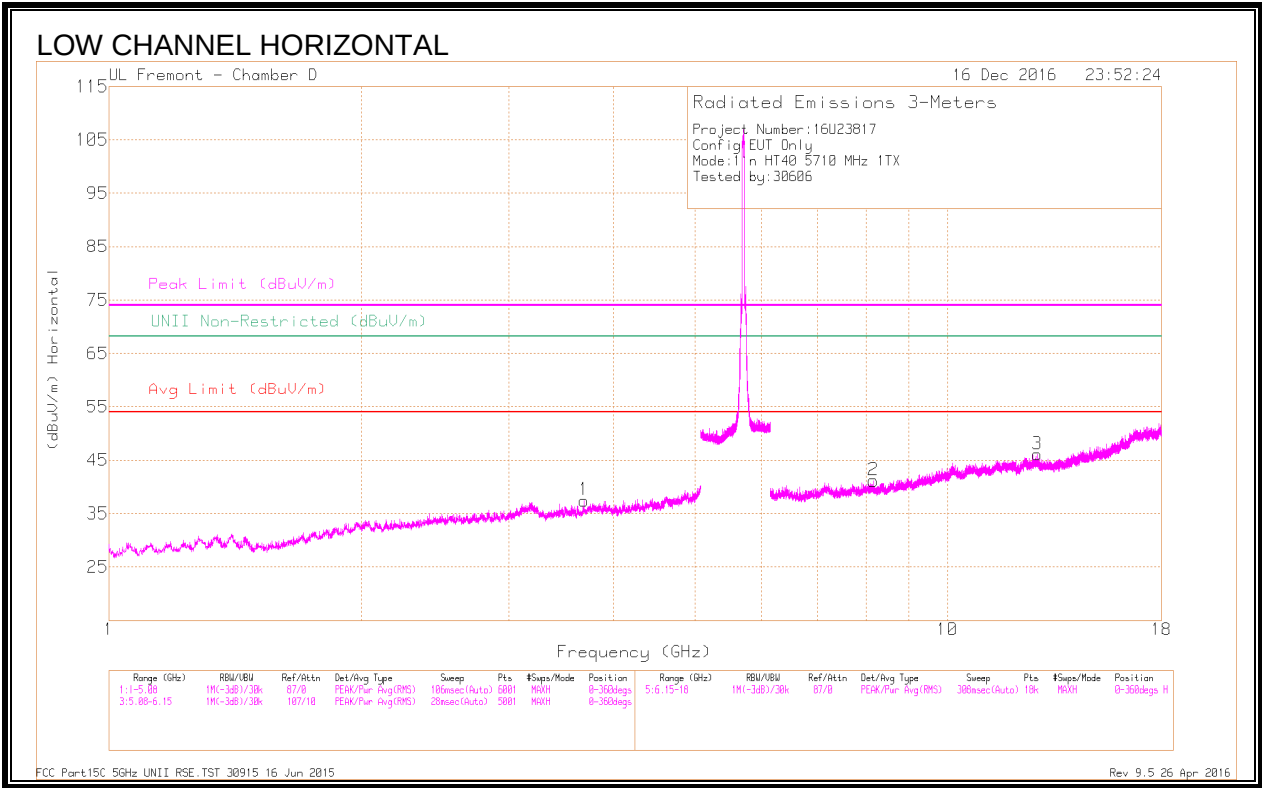
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.28. 11n HT40 ANTENNA B SISO STRADDLE CHANNEL 142

HARMONICS AND SPURIOUS EMISSIONS



Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dB/m)	Amp/Cli/Fit/Fnd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULRI Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.688	38.84	PK-U	33.5	-29.1	0	43.24	-	-	74	-30.76	-	-	355	200	H
	* 3.688	27.82	ADR	33.5	-29.1	.1	32.32	54	-21.68	-	-	-	-	355	200	H
2	* 8.16	35.08	PK-U	35.8	-24.2	0	46.68	-	-	74	-27.32	-	-	277	102	H
	* 8.163	24.58	ADR	35.8	-24.1	.1	36.38	54	-17.62	-	-	-	-	277	102	H
3	12.79	34.42	PK-U	39.2	-21.9	0	51.72	-	-	-	-	68.2	-16.48	309	102	H
	7.224	35.51	PK-U	35.7	-24.4	0	46.81	-	-	-	-	68.2	-21.39	286	102	V
5	* 11.435	34.46	PK-U	38.3	-21.2	0	51.56	-	-	74	-22.44	-	-	105	102	V
	* 11.436	23.97	ADR	38.3	-21.2	.1	41.17	54	-12.83	-	-	-	-	105	102	V
6	* 12.061	33.87	PK-U	39	-21.8	0	51.07	-	-	74	-22.93	-	-	349	119	V
	* 12.061	23.51	ADR	39	-21.8	.1	40.81	54	-13.19	-	-	-	-	349	119	V

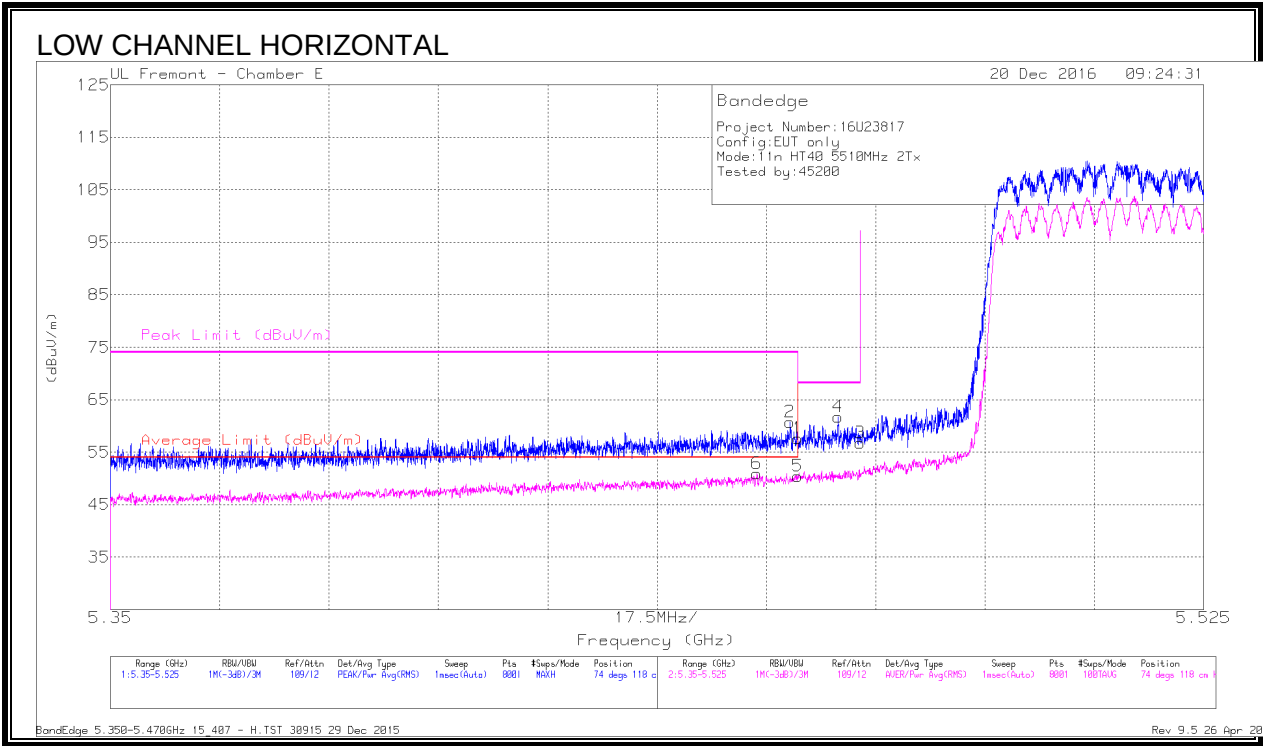
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.29. 11n HT40 2TX CDD MIMO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

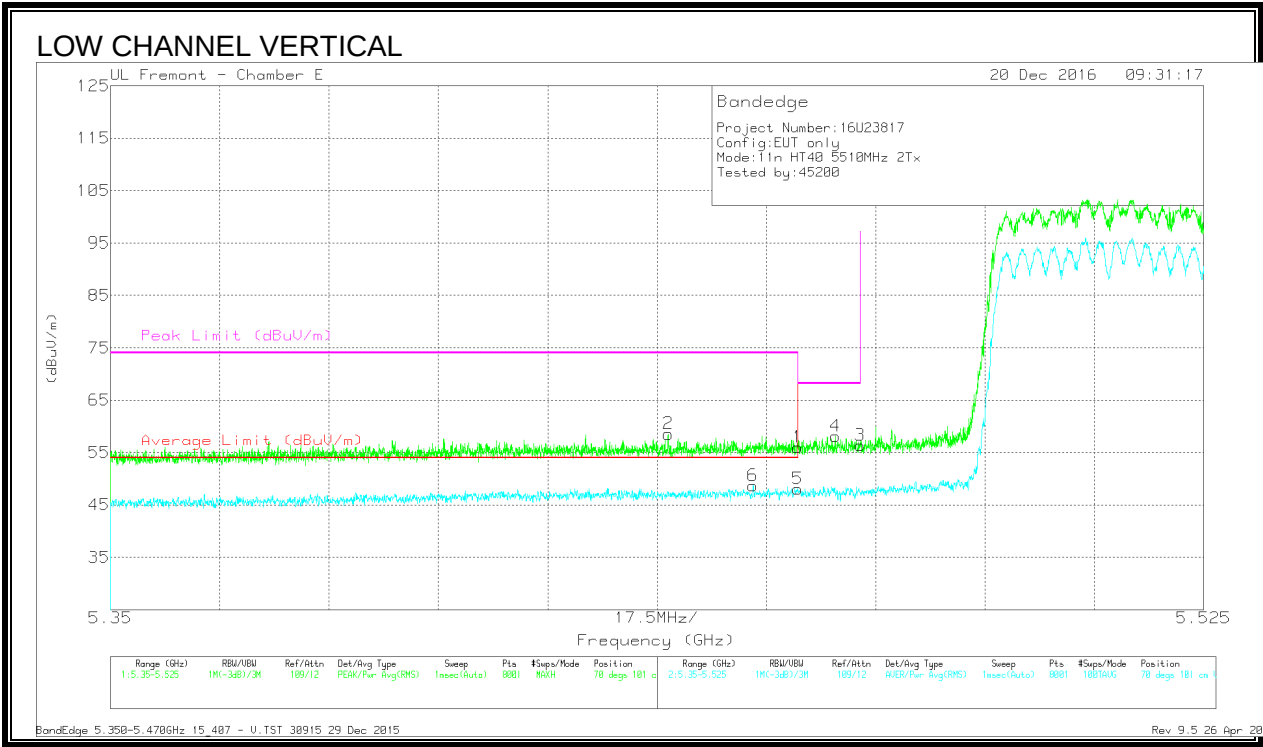


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT711 (dB/m)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.454	35.71	RMS	34.4	-19.3	.11	50.92	54	-3.08	-	-	74	118	H
2	* 5.459	45.57	Pk	34.4	-19.3	0	60.67	-	-	74	-13.33	74	118	H
1	* 5.46	42.56	Pk	34.4	-19.3	0	57.66	-	-	74	-16.34	74	118	H
5	* 5.46	35.17	RMS	34.4	-19.3	.11	50.38	54	-3.62	-	-	74	118	H
4	5.467	46.71	Pk	34.4	-19.4	0	61.71	-	-	68.2	-6.49	74	118	H
3	5.47	41.72	Pk	34.4	-19.4	0	56.72	-	-	68.2	-11.48	74	118	H

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

Pk - Peak detector

RMS - RMS detection

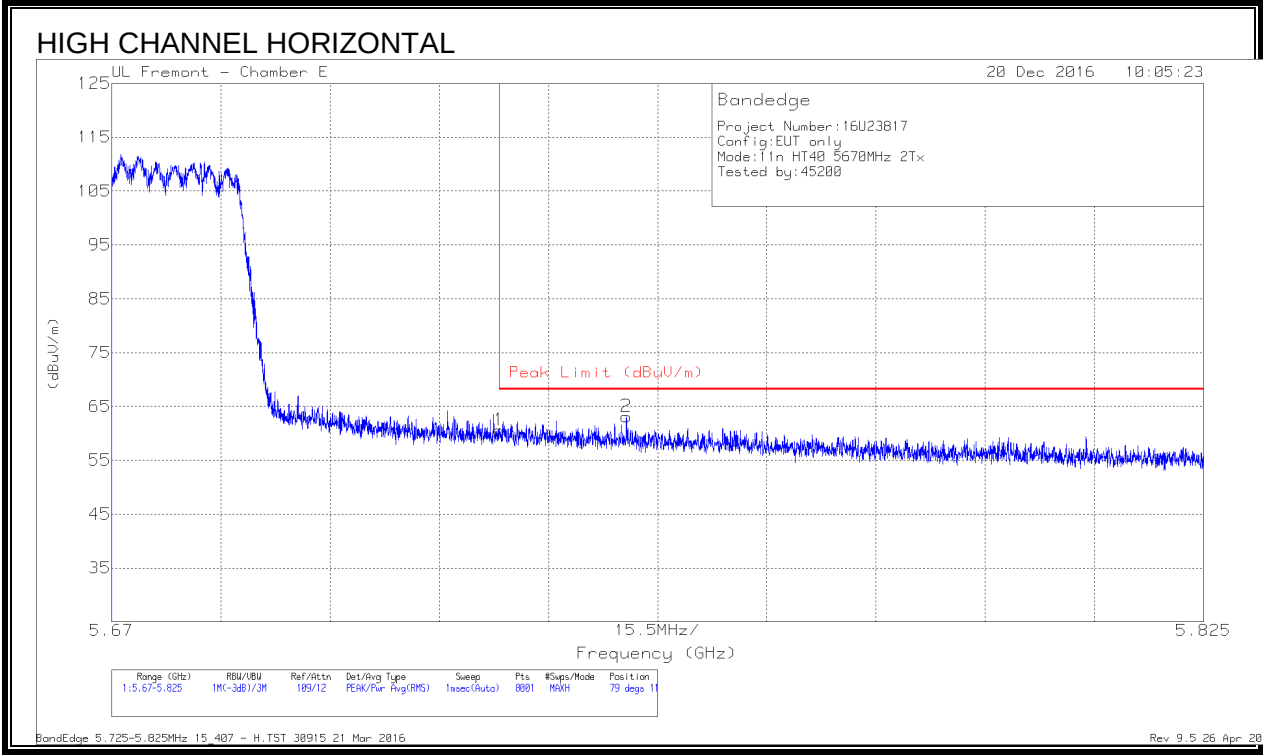


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.439	43.55	Pk	34.4	-19.4	0	58.55	-	-	74	-15.45	70	101	V
6	* 5.453	33.52	RMS	34.4	-19.3	.11	48.73	54	-5.27	-	-	70	101	V
1	* 5.46	40.85	Pk	34.4	-19.3	0	55.95	-	-	74	-18.05	70	101	V
5	* 5.46	32.9	RMS	34.4	-19.3	.11	48.11	54	-5.89	-	-	70	101	V
4	5.466	43.14	Pk	34.4	-19.4	0	58.14	-	-	68.2	-10.06	70	101	V
3	5.47	41.33	Pk	34.4	-19.4	0	56.33	-	-	68.2	-11.87	70	101	V

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

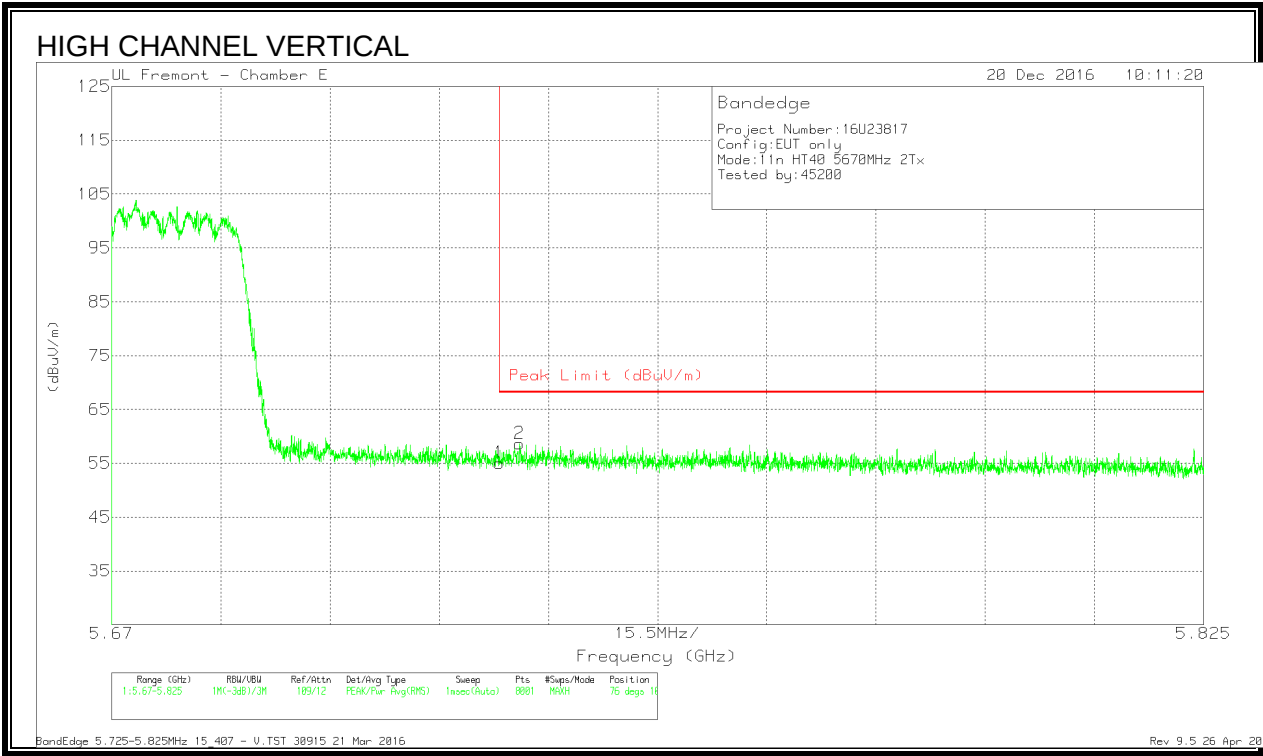
Pk - Peak detector

RMS - RMS detection



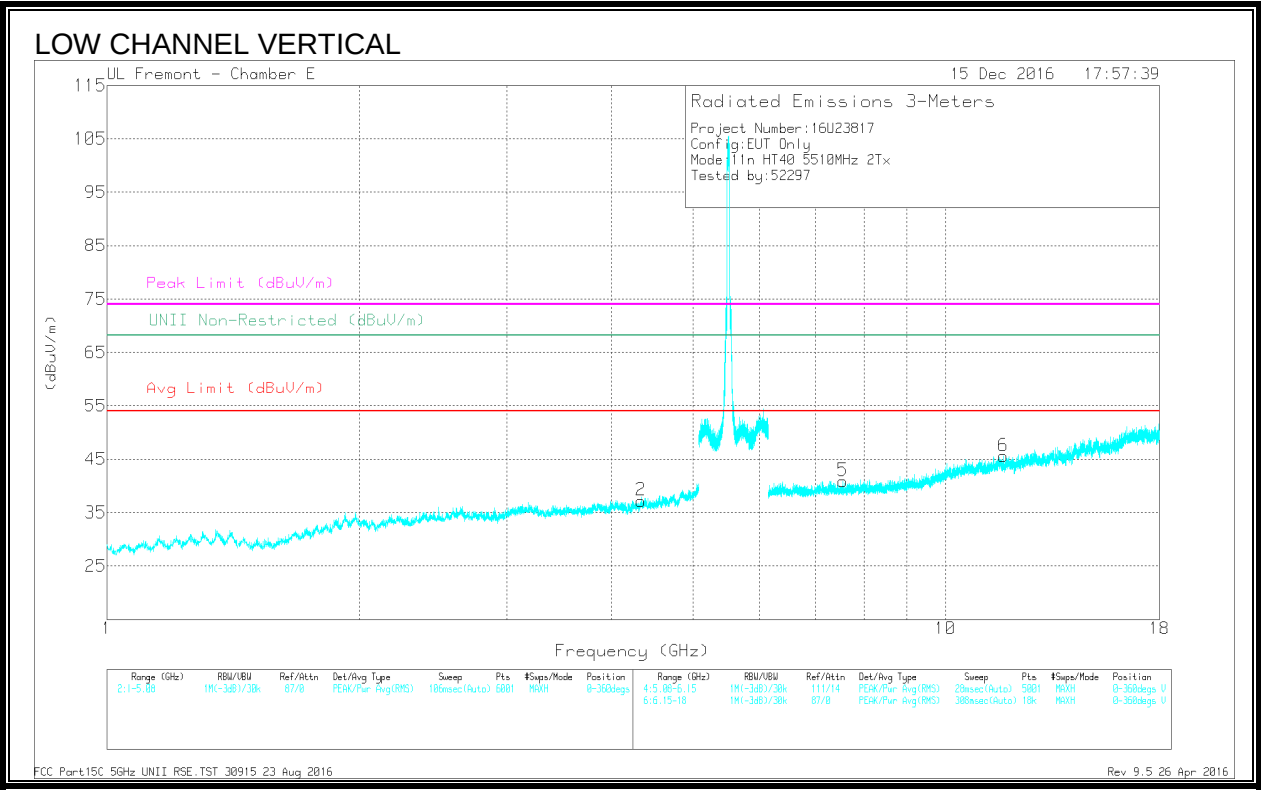
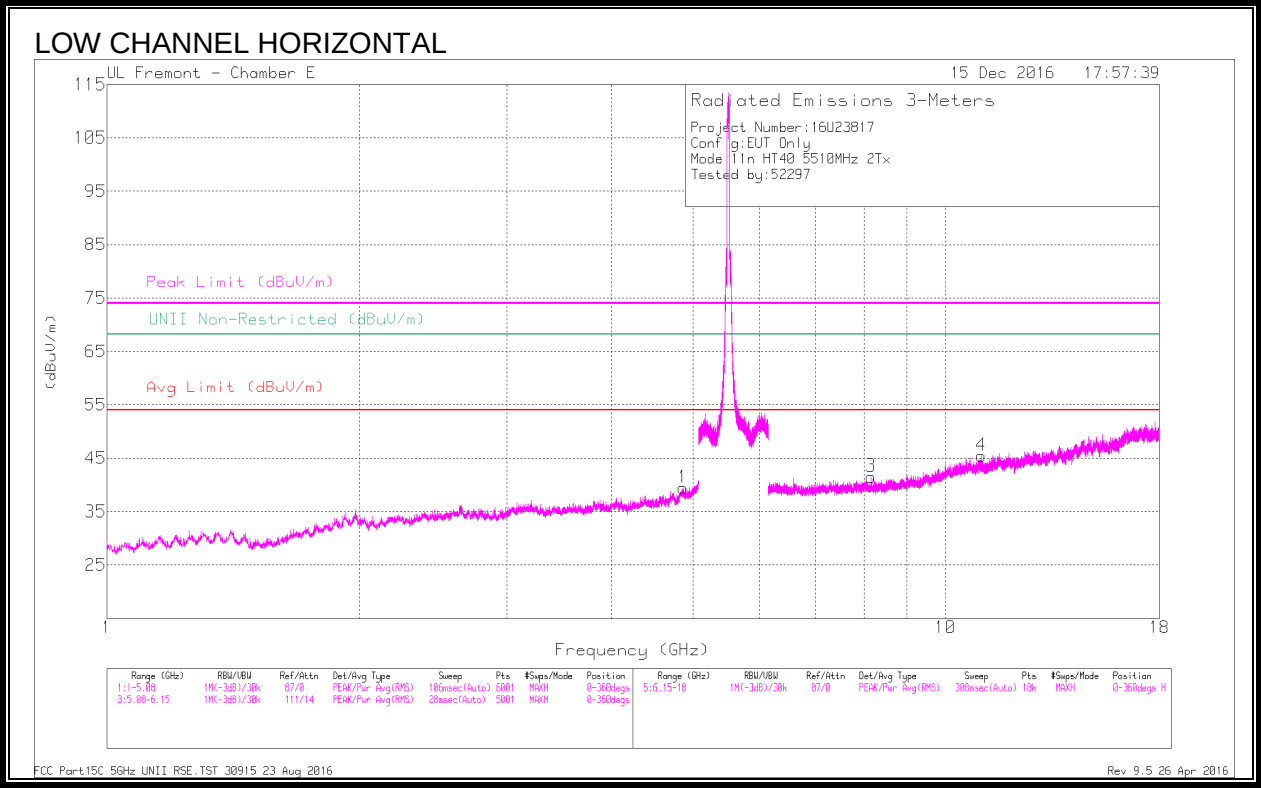
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.31	Pk	34.9	-19.6	60.61	68.2	-7.59	79	119	H
2	5.743	47.72	Pk	34.9	-19.5	63.12	68.2	-5.08	79	119	H

Pk - Peak detector



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	39.76	Pk	34.9	-19.6	55.06	68.2	-13.14	76	102	V
2	5.728	43.24	Pk	34.9	-19.5	58.64	68.2	-9.56	76	102	V

Pk - Peak detector

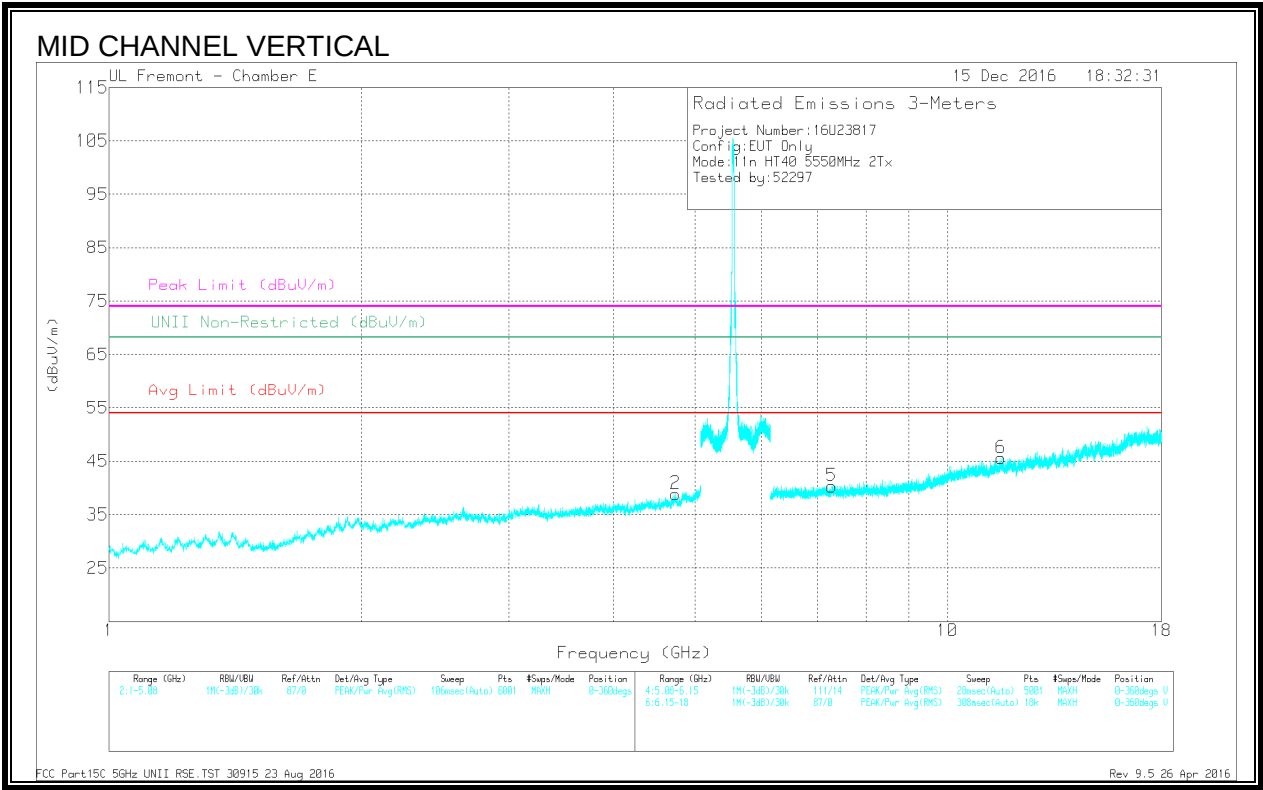
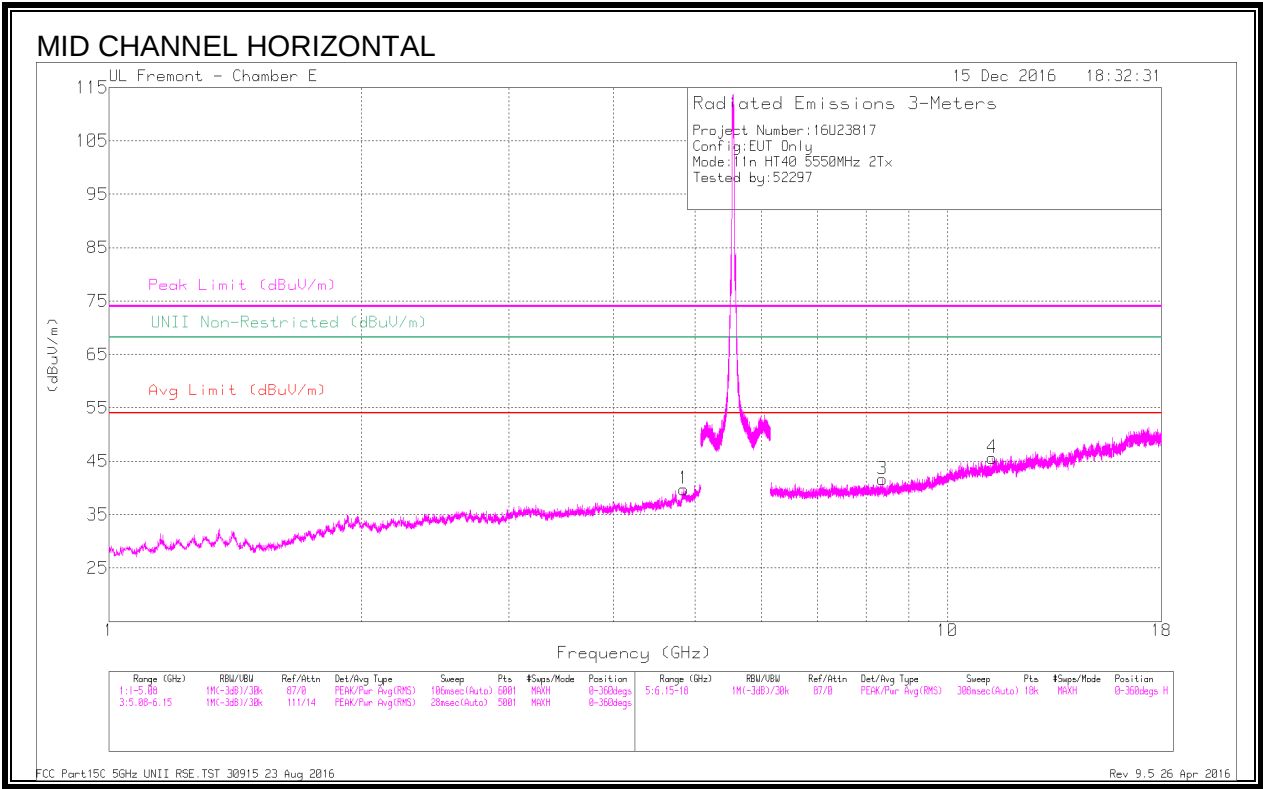


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dBm)	Amp/Cb/Pwr/Fad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.864	40.31	PK-U	34	-29.4	0	44.91	-	-	74	-29.09	-	-	32	281	H
	* 4.865	29.59	ADR	34	-29.4	.11	34.3	54	-19.7	-	-	-	-	32	281	H
2	* 4.334	41.39	PK-U	33.5	-30.3	0	44.59	-	-	74	-29.41	-	-	83	260	V
	* 4.333	30.44	ADR	33.5	-30.3	.11	33.75	54	-20.25	-	-	-	-	83	260	V
3	* 8.157	38.46	PK-U	35.7	-26.3	0	47.86	-	-	74	-26.14	-	-	119	312	H
	* 8.159	27.26	ADR	35.7	-26.3	.11	36.77	54	-17.23	-	-	-	-	119	312	H
4	* 11.037	36.81	PK-U	38	-23.3	0	51.51	-	-	74	-22.49	-	-	224	184	H
	* 11.035	25.38	ADR	38	-23.2	.11	40.29	54	-13.71	-	-	-	-	224	184	H
5	* 7.543	38.35	PK-U	35.6	-26.5	0	47.45	-	-	74	-26.55	-	-	224	184	V
	* 7.543	27.33	ADR	35.6	-26.5	.11	36.54	54	-17.46	-	-	-	-	224	184	V
6	* 11.73	36.6	PK-U	38.7	-23.7	0	51.6	-	-	74	-22.4	-	-	156	136	V
	* 11.73	26.01	ADR	38.7	-23.7	.11	41.12	54	-12.88	-	-	-	-	156	136	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

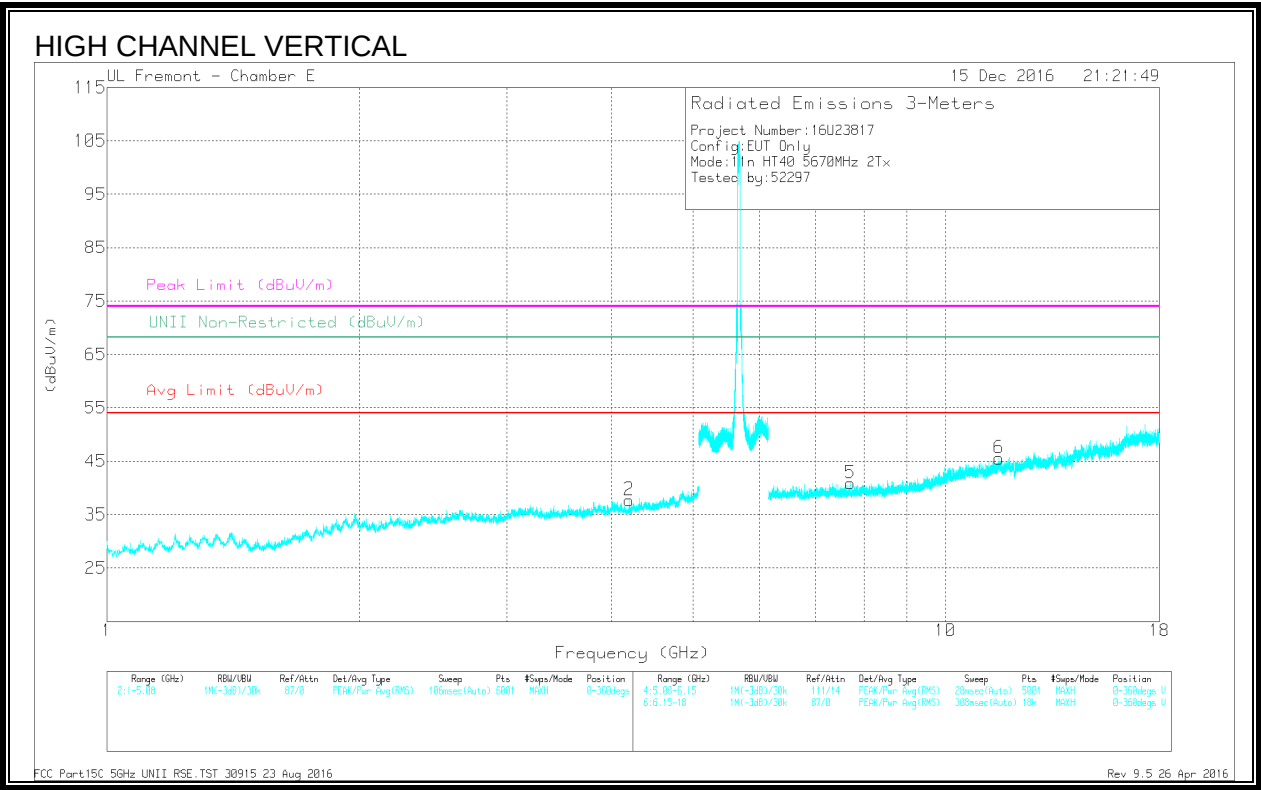
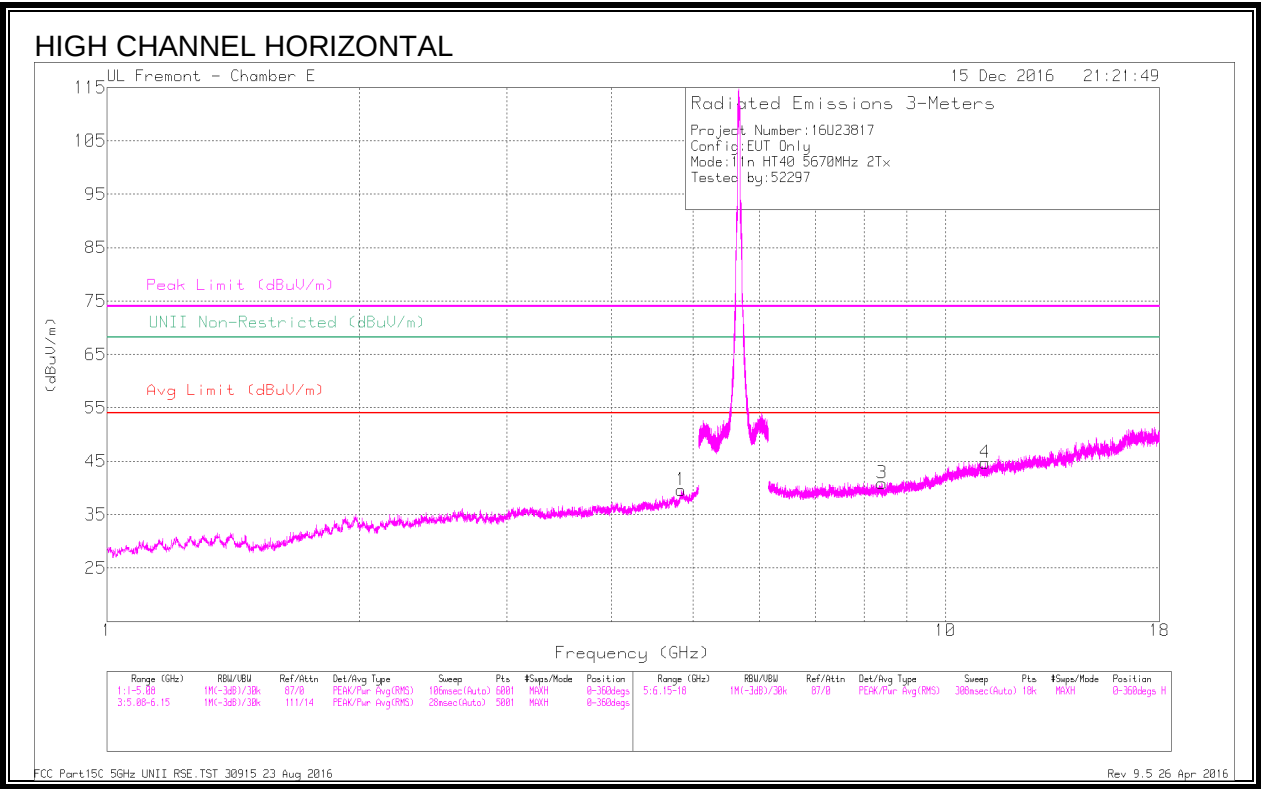


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.849	40.18	PK-U	34	-29	0	45.18	-	-	74	-28.82	-	-	286	225	H
	* 4.85	29.18	ADR	34	-29	.11	34.29	54	-19.71	-	-	-	-	286	225	H
2	* 4.738	40.55	PK-U	34	-28.9	0	45.65	-	-	74	-28.35	-	-	321	195	V
	* 4.738	29.78	ADR	34	-28.9	.11	34.99	54	-19.01	-	-	-	-	321	195	V
3	* 8.371	38.85	PK-U	35.7	-26.5	0	48.05	-	-	74	-25.95	-	-	221	254	H
	* 8.371	27.73	ADR	35.7	-26.5	.11	37.04	54	-16.96	-	-	-	-	221	254	H
4	* 11.313	37.93	PK-U	38.2	-24	0	52.13	-	-	74	-21.87	-	-	186	177	H
	* 11.313	26.04	ADR	38.2	-24	.11	40.35	54	-13.65	-	-	-	-	186	177	H
5	* 7.28	38.51	PK-U	35.6	-26.2	0	47.91	-	-	74	-26.09	-	-	181	308	V
	* 7.278	26.62	ADR	35.6	-26.2	.11	36.13	54	-17.87	-	-	-	-	181	308	V
6	* 11.575	35.62	PK-U	38.4	-21.9	0	52.12	-	-	74	-21.88	-	-	253	240	V
	* 11.576	25.13	ADR	38.4	-21.9	.11	41.74	54	-12.26	-	-	-	-	253	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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dBm)	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)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.838	39.96	PK-U	34	-28.8	0	45.16	-	-	74	-28.84	-	-	241	170	H
	* 4.837	29.29	ADR	34	-28.8	.11	34.6	54	-19.4	-	-	-	-	241	170	H
2	* 4.192	40.16	PK-U	33.3	-30.2	0	43.26	-	-	74	-30.74	-	-	264	144	V
	* 4.195	30.08	ADR	33.3	-30.1	.11	33.39	54	-20.61	-	-	-	-	264	144	V
3	* 8.4	37.9	PK-U	35.7	-26.5	0	47.1	-	-	74	-26.9	-	-	206	237	H
	* 8.401	27.5	ADR	35.7	-26.5	.11	36.81	54	-17.19	-	-	-	-	206	237	H
4	* 11.157	36.98	PK-U	38.1	-23.9	0	51.18	-	-	74	-22.82	-	-	176	279	H
	* 11.154	26.1	ADR	38.1	-23.8	.11	40.51	54	-13.49	-	-	-	-	176	279	H
5	* 7.702	38.42	PK-U	35.7	-27	0	47.12	-	-	74	-26.88	-	-	215	218	V
	* 7.7	28.01	ADR	35.7	-26.9	.11	36.92	54	-17.08	-	-	-	-	215	218	V
6	* 11.584	35.77	PK-U	38.4	-22.2	0	51.97	-	-	74	-22.03	-	-	130	308	V
	* 11.582	24.93	ADR	38.4	-22.1	.11	41.34	54	-12.66	-	-	-	-	130	308	V

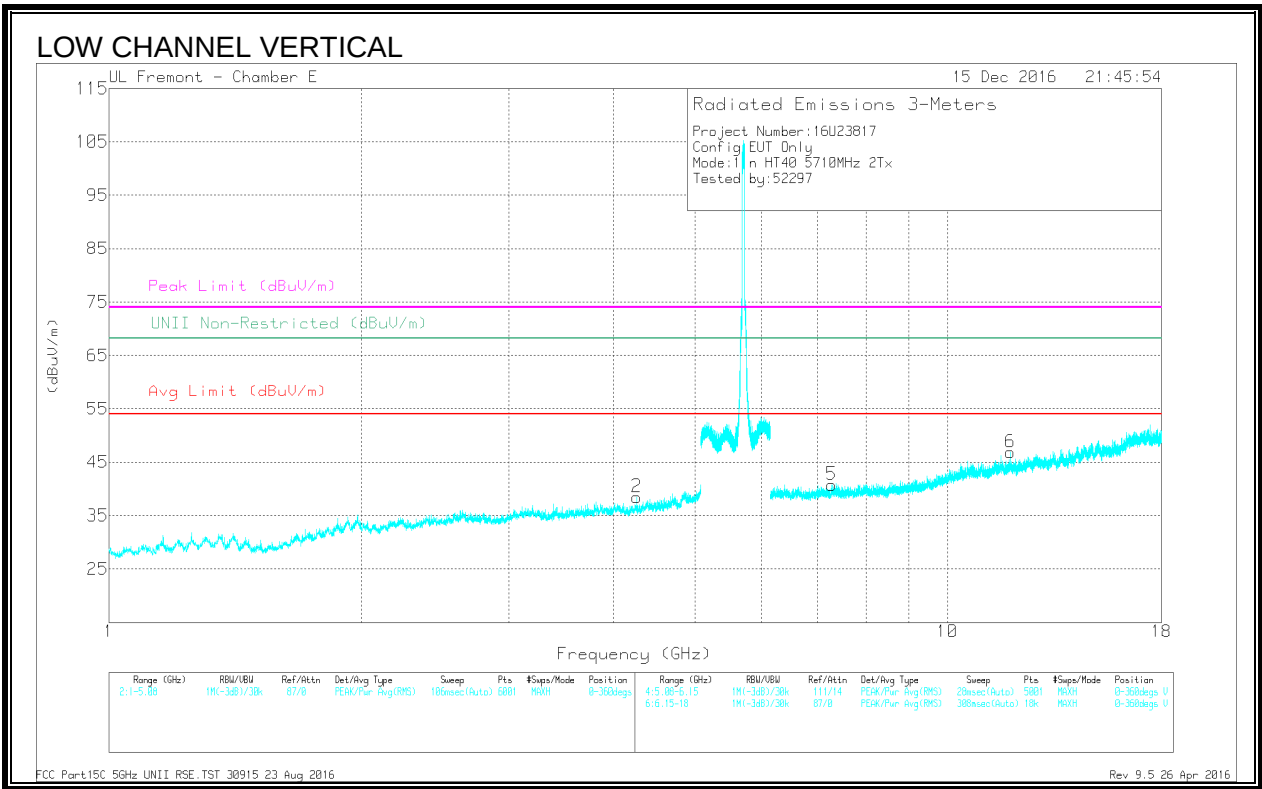
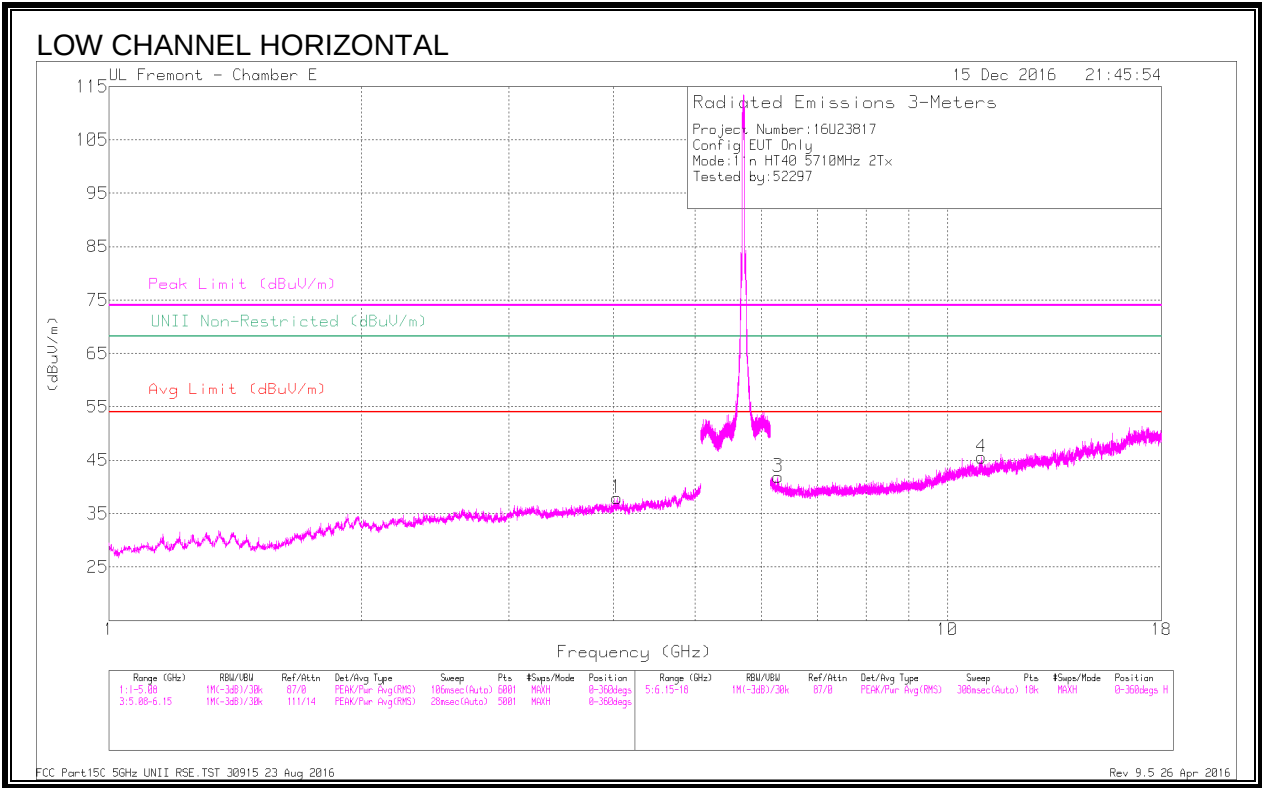
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.30. 11ac HT40 2TX CDD MIMO STRADDLE CHANNEL 142

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1711 (dBm)	AmplCbl/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.038	39.77	PK-U	33.2	-29.7	0	43.27	-	-	74	-30.73	-	-	188	318	H
	* 4.037	29.2	ADR	33.2	-29.7	.11	32.81	54	-21.19	-	-	-	-	188	318	H
2	* 4.259	39.7	PK-U	33.3	-29.7	0	43.3	-	-	74	-30.7	-	-	214	346	V
	* 4.259	29.6	ADR	33.3	-29.7	.11	33.31	54	-20.69	-	-	-	-	214	346	V
3	6.282	41.86	PK-U	35.6	-28.3	0	49.16	-	-	-	-	68.2	-19.04	93	197	H
	* 10.982	36.15	PK-U	38	-22.1	0	52.05	-	-	74	-21.95	-	-	108	289	H
4	* 10.983	24.06	ADR	38	-22.1	.11	40.07	54	-13.93	-	-	-	-	108	289	H
5	* 7.277	38.37	PK-U	35.6	-26.2	0	47.77	-	-	74	-26.23	-	-	150	274	V
	* 7.278	27.47	ADR	35.6	-26.2	.11	36.98	54	-17.02	-	-	-	-	150	274	V
6	* 11.89	36.23	PK-U	38.8	-23.1	0	51.93	-	-	74	-22.07	-	-	208	157	V
	* 11.89	25.31	ADR	38.8	-23.2	.11	41.02	54	-12.98	-	-	-	-	208	157	V

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

PK-U - U-NII: Maximum Peak

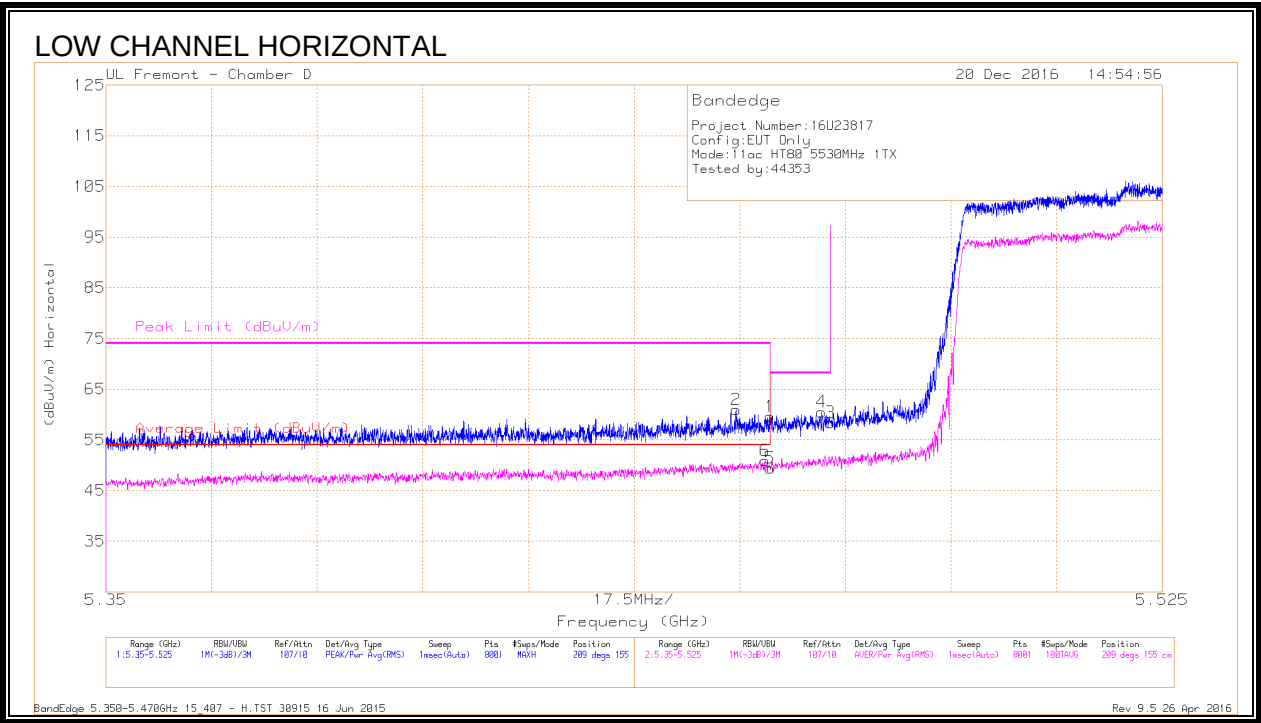
ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 23 Aug 2016

Rev 9.5 26 Apr 2016

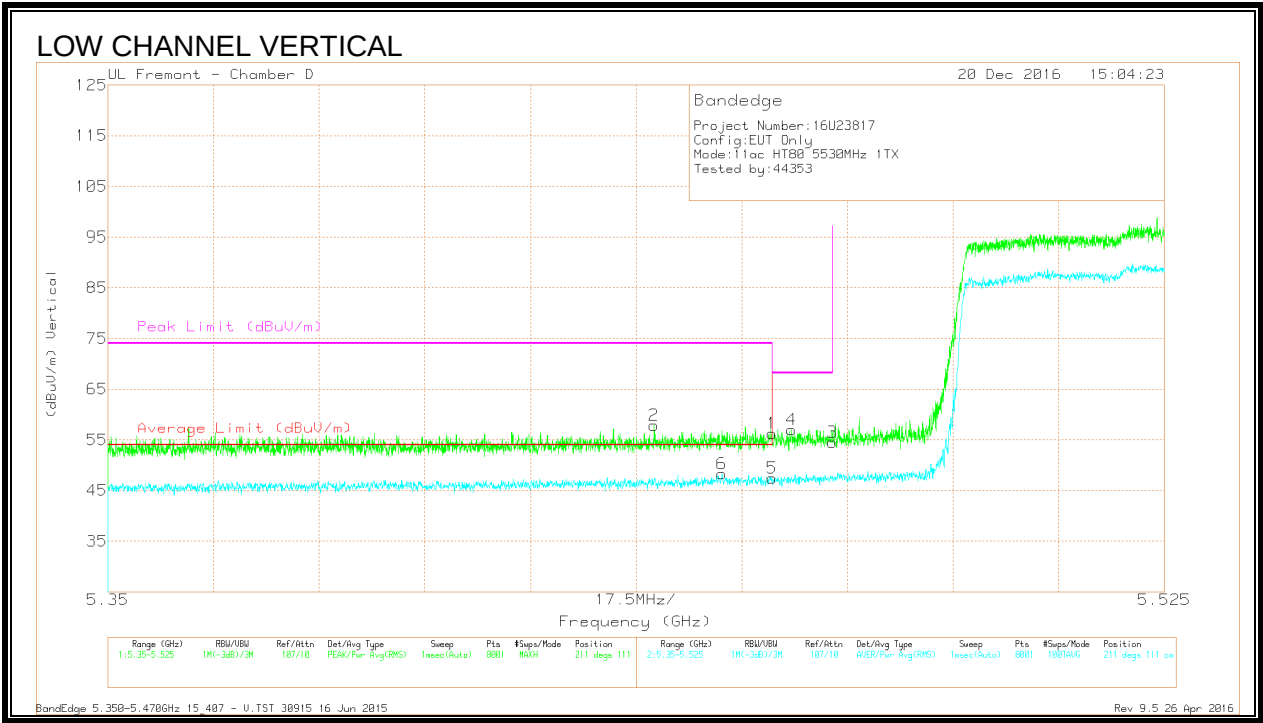
9.2.31. 11ac HT80 ANTENNA A SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.14	Pk	34.4	-17.9	0	59.64	-	-	74	-14.36	209	155	H
2	* 5.454	44.61	Pk	34.4	-18	0	61.01	-	-	74	-12.99	209	155	H
5	* 5.46	32.72	RMS	34.4	-17.9	.2	49.42	54	-4.58	-	-	209	155	H
6	* 5.459	34.31	RMS	34.4	-18	.2	50.91	54	-3.09	-	-	209	155	H
4	5.469	44.03	Pk	34.4	-17.9	0	60.53	-	-	68.2	-7.67	209	155	H
3	5.47	41.92	Pk	34.4	-17.9	0	58.42	-	-	68.2	-9.78	209	155	H

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

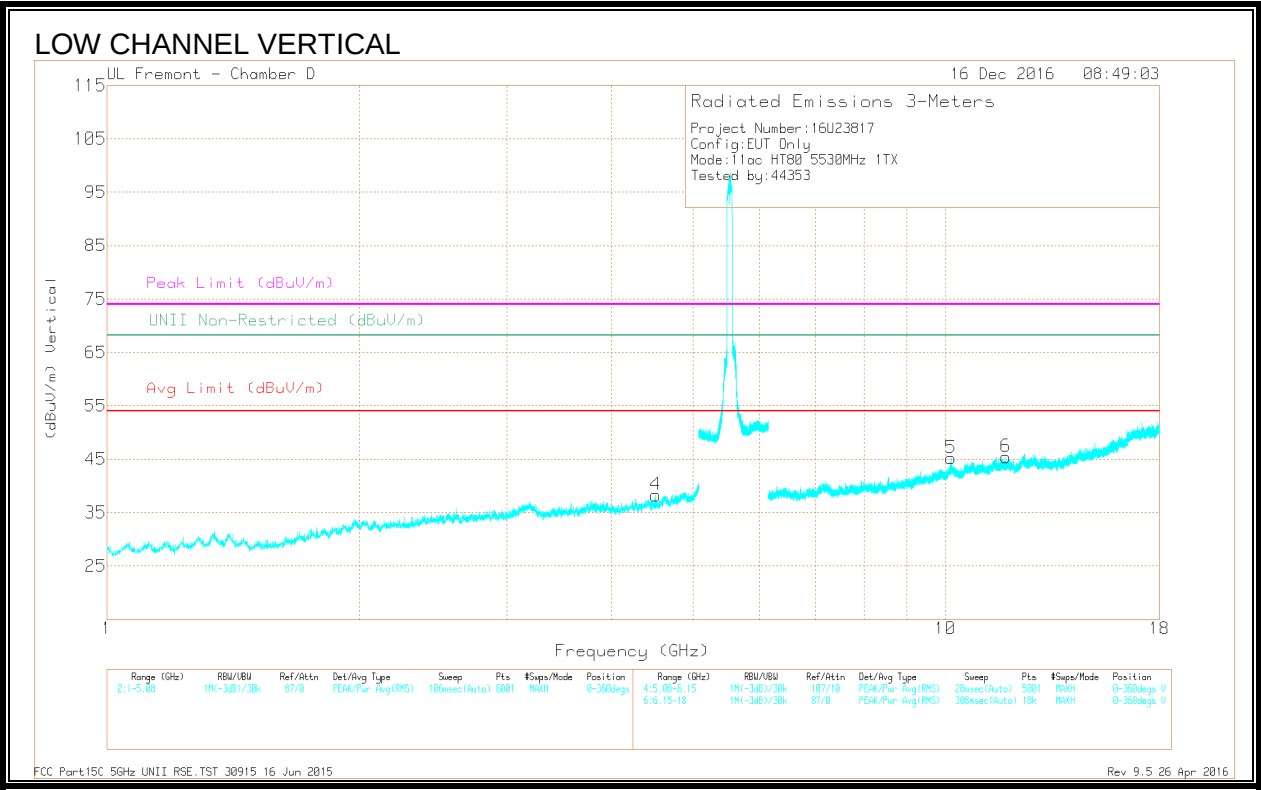
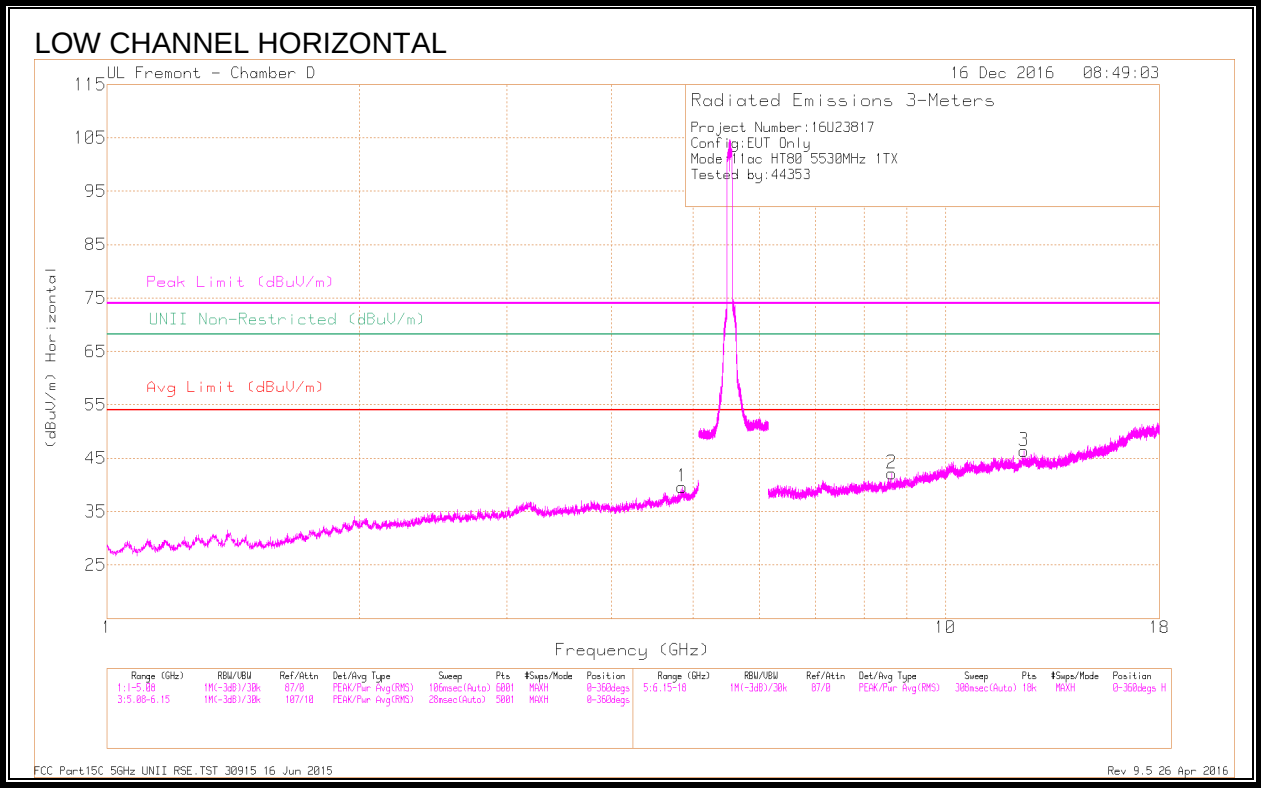


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	39.73	Pk	34.4	-17.9	0	56.23	-	-	74	-17.77	211	111	V
2	* 5.44	41.6	Pk	34.4	-18.1	0	57.9	-	-	74	-16.1	211	111	V
5	* 5.46	30.77	RMS	34.4	-17.9	-2	47.47	54	-6.53	-	-	211	111	V
6	* 5.452	31.72	RMS	34.4	-18	-2	48.32	54	-5.68	-	-	211	111	V
4	5.463	40.55	Pk	34.4	-17.9	0	57.05	-	-	68.2	-11.15	211	111	V
3	5.47	38.05	Pk	34.4	-17.9	0	54.55	-	-	68.2	-13.65	211	111	V

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

Pk - Peak detector

RMS - RMS detection

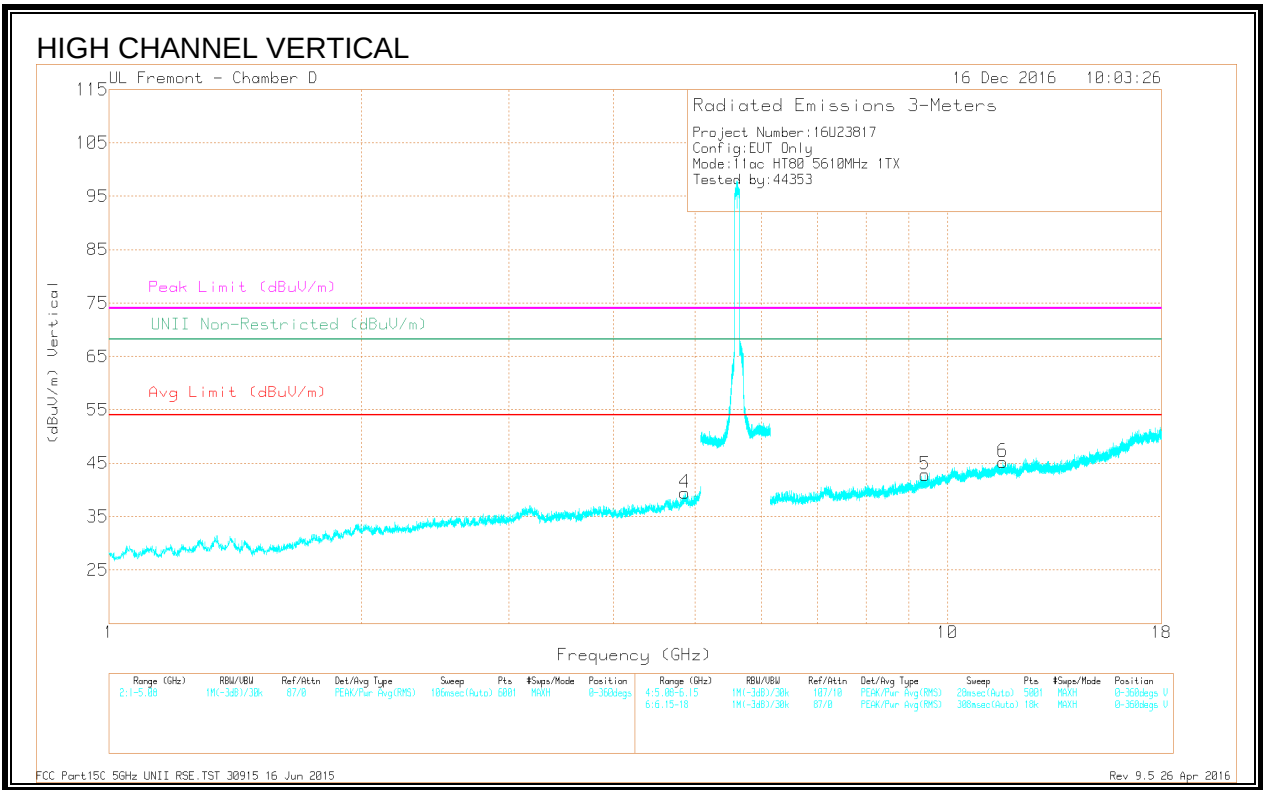
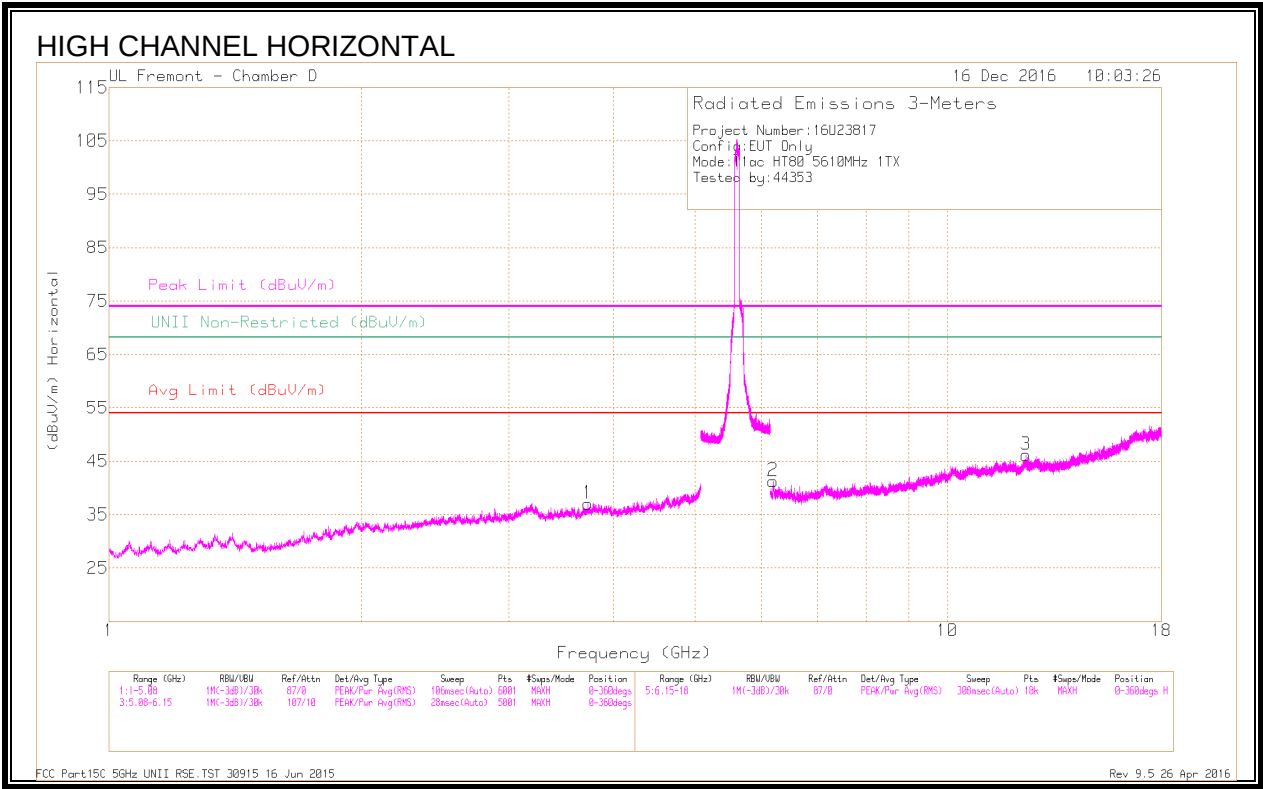


Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Ctrl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.855	36.91	PK-U	34.1	-25.8	0	45.21	-	-	74	-28.79	-	-	223	148	H
	* 4.853	26.79	ADR	34.1	-25.8	-2	35.29	54	-18.71	-	-	-	-	223	148	H
4	* 4.514	38.29	PK-U	33.9	-26.2	0	43.99	-	-	74	-30.01	-	-	190	200	V
	* 4.513	28.06	ADR	33.9	-26.2	-2	33.96	54	-20.04	-	-	-	-	190	200	V
3	* 12.408	34.43	PK-U	39	-21.1	0	52.33	-	-	74	-21.67	-	-	251	178	H
	* 12.407	24.1	ADR	39	-21.1	-2	42.2	54	-11.8	-	-	-	-	251	178	H
6	* 11.8	34	PK-U	38.7	-21.5	0	51.2	-	-	74	-22.8	-	-	28	294	V
	* 11.801	23.8	ADR	38.7	-21.5	-2	41.2	54	-12.8	-	-	-	-	28	294	V
2	8.634	34.61	PK-U	35.9	-22.6	0	47.91	-	-	-	-	68.2	-20.29	102	231	H
5	10.153	34.15	PK-U	37.4	-20.5	0	51.05	-	-	-	-	68.2	-17.15	247	186	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



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dBm)	Amp/C58/Fn/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.722	38.23	PK-U	33.5	-29.1	0	42.63	-	-	74	-31.37	-	-	277	133	H
	* 3.723	28.37	ADR	33.5	-29.1	-2	32.97	54	-21.03	-	-	-	-	277	133	H
4	* 4.863	36.96	PK-U	34.1	-25.4	0	45.66	-	-	74	-28.34	-	-	258	196	V
	* 4.86	26.47	ADR	34.1	-25.5	-2	35.27	54	-18.73	-	-	-	-	258	196	V
3	* 12.407	34.07	PK-U	39	-21	0	52.07	-	-	74	-21.93	-	-	347	109	H
	* 12.405	23.79	ADR	39	-21	-2	41.99	54	-12.01	-	-	-	-	347	109	H
5	* 9.407	33.53	PK-U	36.5	-22	0	48.03	-	-	74	-25.97	-	-	84	118	V
	* 9.408	24.04	ADR	36.5	-22	-2	38.74	54	-15.26	-	-	-	-	84	118	V
6	* 11.641	33.67	PK-U	38.5	-21.2	0	50.97	-	-	74	-23.03	-	-	161	201	V
	* 11.644	23.89	ADR	38.5	-21.1	-2	41.49	54	-12.51	-	-	-	-	161	201	V
2	6.195	37.79	PK-U	35.6	-26.4	0	46.99	-	-	-	-	68.2	-21.21	202	325	H

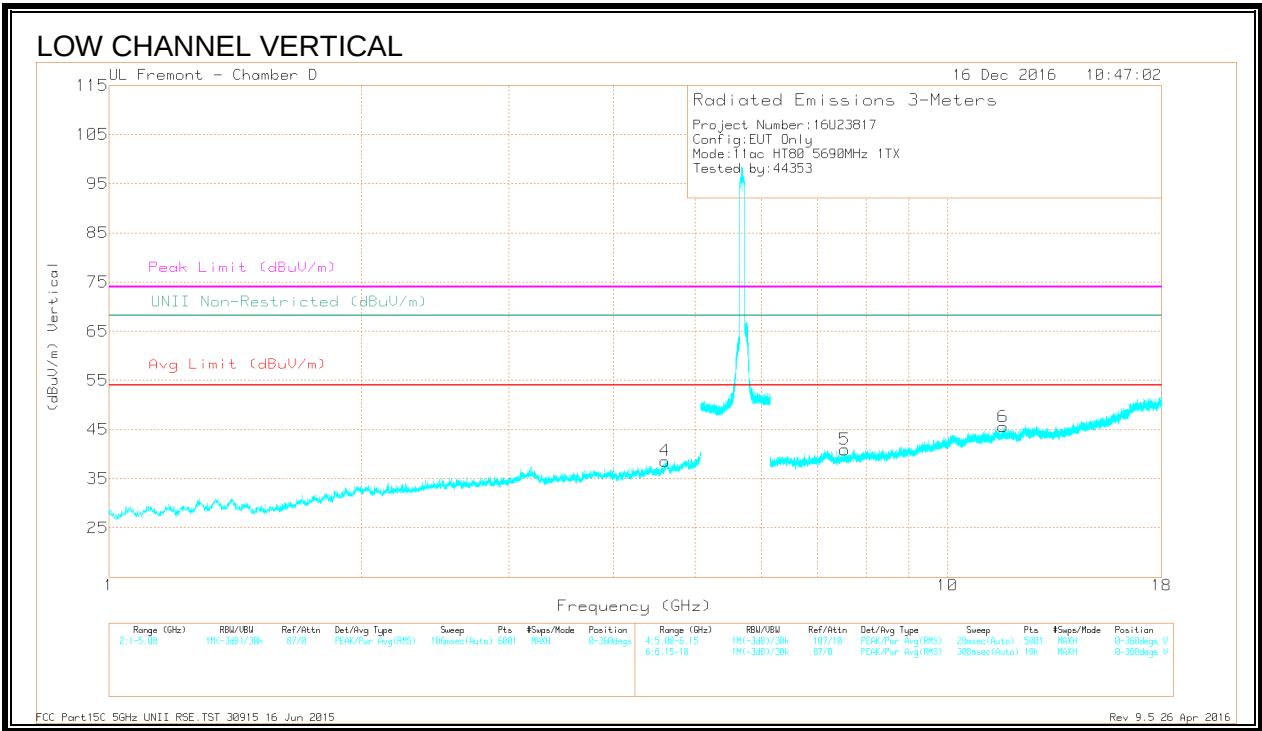
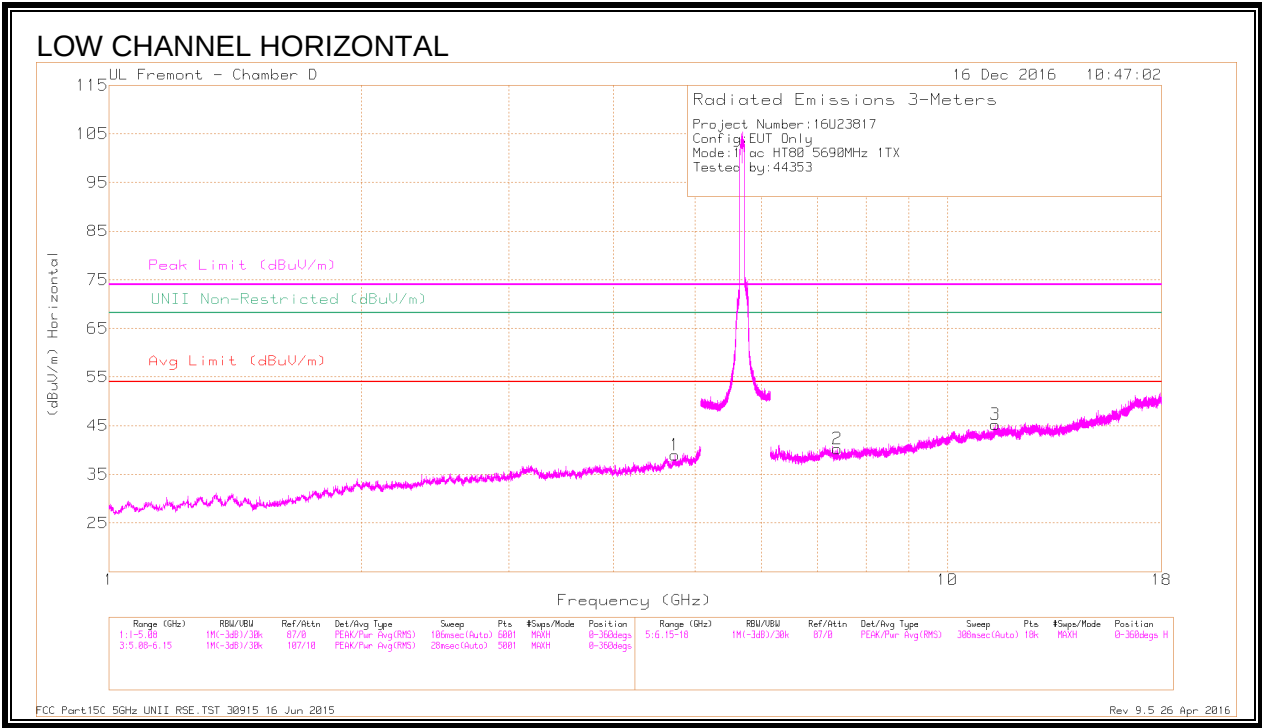
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2.32. 11ac HT80 ANTENNA A SISO STRADDLE CHANNEL 138

HARMONICS AND SPURIOUS EMISSIONS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dBm)	Amp/C58/Fit/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)	Altitude (Degs)	Height (cm)	Polarity
1	* 4.731	38.23	PK-U	34	-27.9	0	44.33	-	-	74	-29.67	-	-	66	273	H
	* 4.734	28.2	ADR	34	-27.7	.2	34.7	54	-19.3	-	-	-	-	66	273	H
4	* 4.607	37.98	PK-U	34.2	-26.7	0	45.48	-	-	74	-28.52	-	-	125	163	V
	* 4.604	27.18	ADR	34.2	-26.7	.2	34.88	54	-19.12	-	-	-	-	125	163	V
2	* 7.394	36.1	PK-U	35.6	-25.3	0	46.4	-	-	74	-27.6	-	-	106	228	H
	* 7.392	25.61	ADR	35.6	-25.3	.2	35.11	54	-17.89	-	-	-	-	106	228	H
3	* 11.4	34.76	PK-U	38.3	-21.4	0	51.66	-	-	74	-22.34	-	-	351	294	H
	* 11.399	24.4	ADR	38.3	-21.4	.2	41.5	54	-12.5	-	-	-	-	351	294	H
5	* 7.538	34.94	PK-U	35.7	-24.8	0	45.84	-	-	74	-28.16	-	-	235	326	V
	* 7.54	25.48	ADR	35.7	-24.7	.2	36.68	54	-17.32	-	-	-	-	235	326	V
6	* 11.652	33.84	PK-U	38.6	-21	0	51.44	-	-	74	-22.56	-	-	113	259	V
	* 11.65	23.83	ADR	38.6	-21	.2	41.63	54	-12.37	-	-	-	-	113	259	V

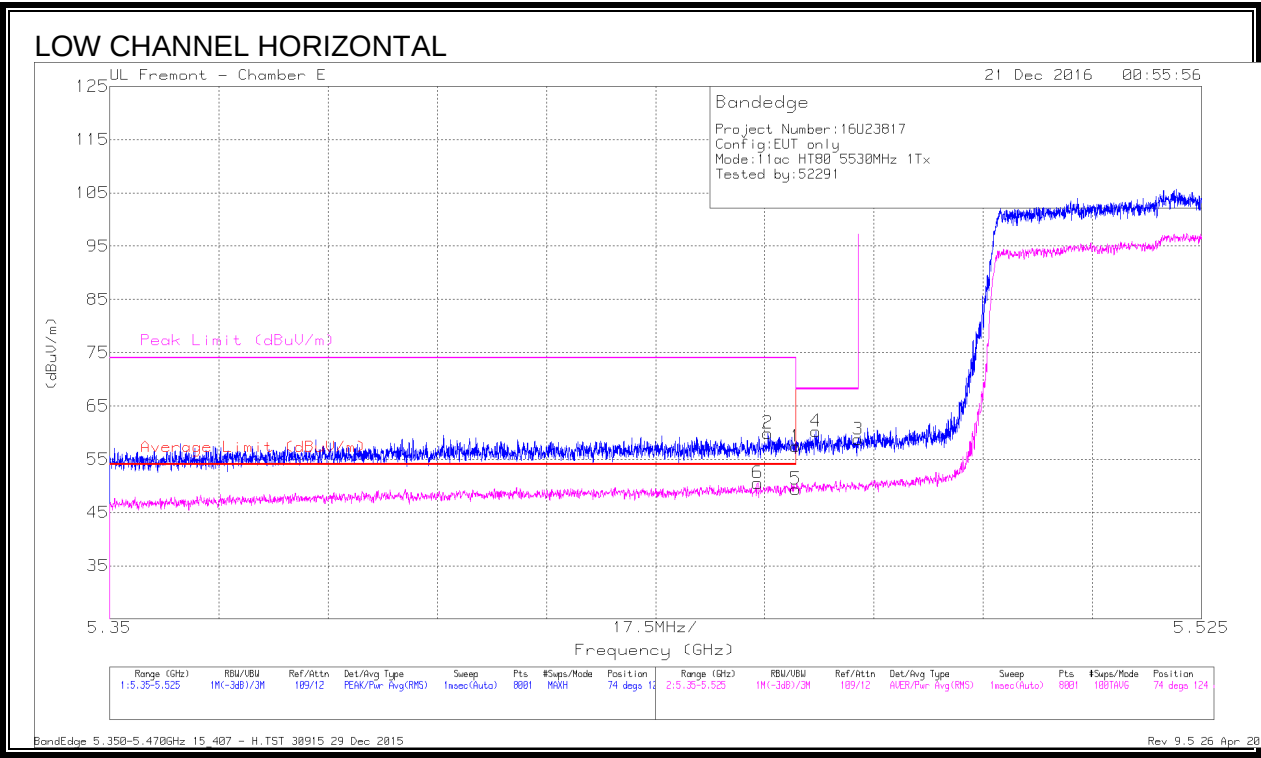
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

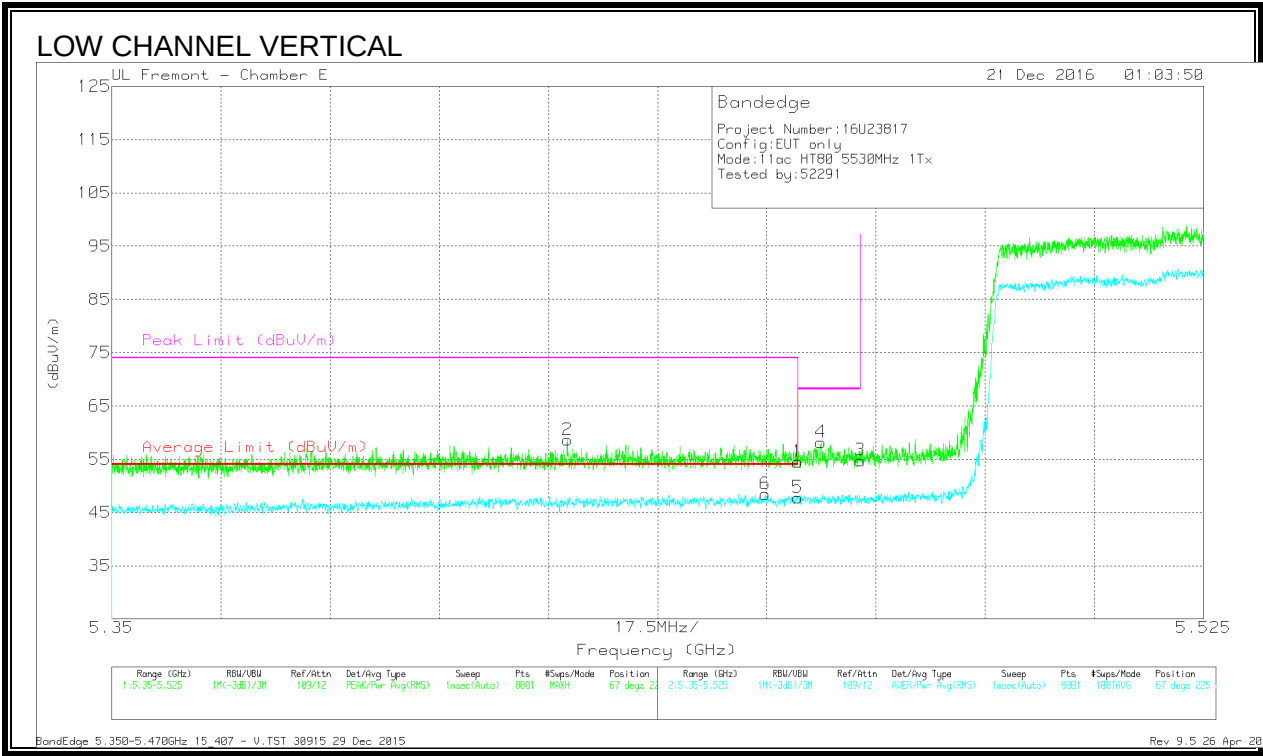
9.2.33. 11ac HT80 ANTENNA B SISO MODE IN THE 5.6GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.454	35.42	RMS	34.4	-19.3	.2	50.72	54	-3.28	-	-	74	124	H
2	* 5.456	44.9	Pk	34.4	-19.4	0	59.9	-	-	74	-14.1	74	124	H
1	* 5.46	42.32	Pk	34.4	-19.3	0	57.42	-	-	74	-16.58	74	124	H
5	* 5.46	34.29	RMS	34.4	-19.3	.2	49.59	54	-4.41	-	-	74	124	H
4	5.463	45.24	Pk	34.4	-19.4	0	60.24	-	-	68.2	-7.96	74	124	H
3	5.47	43.74	Pk	34.4	-19.4	0	58.74	-	-	68.2	-9.46	74	124	H

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

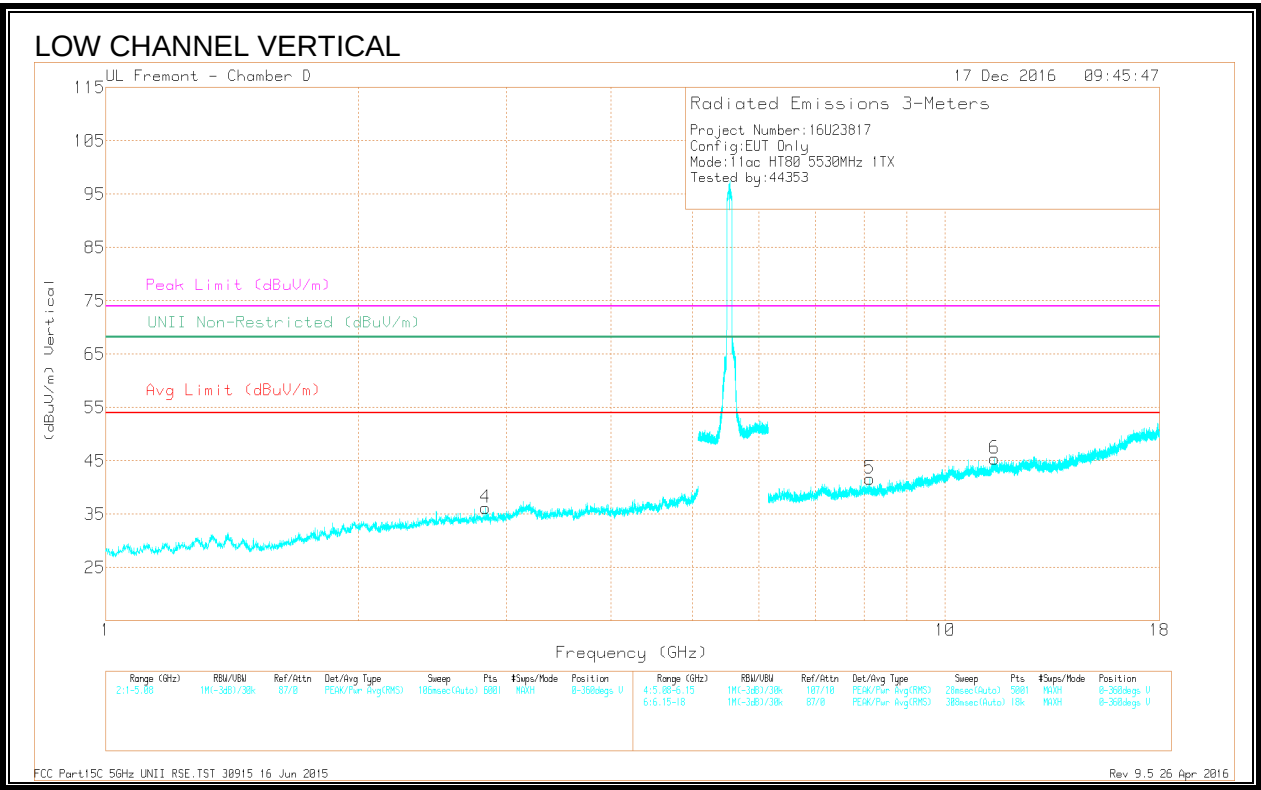
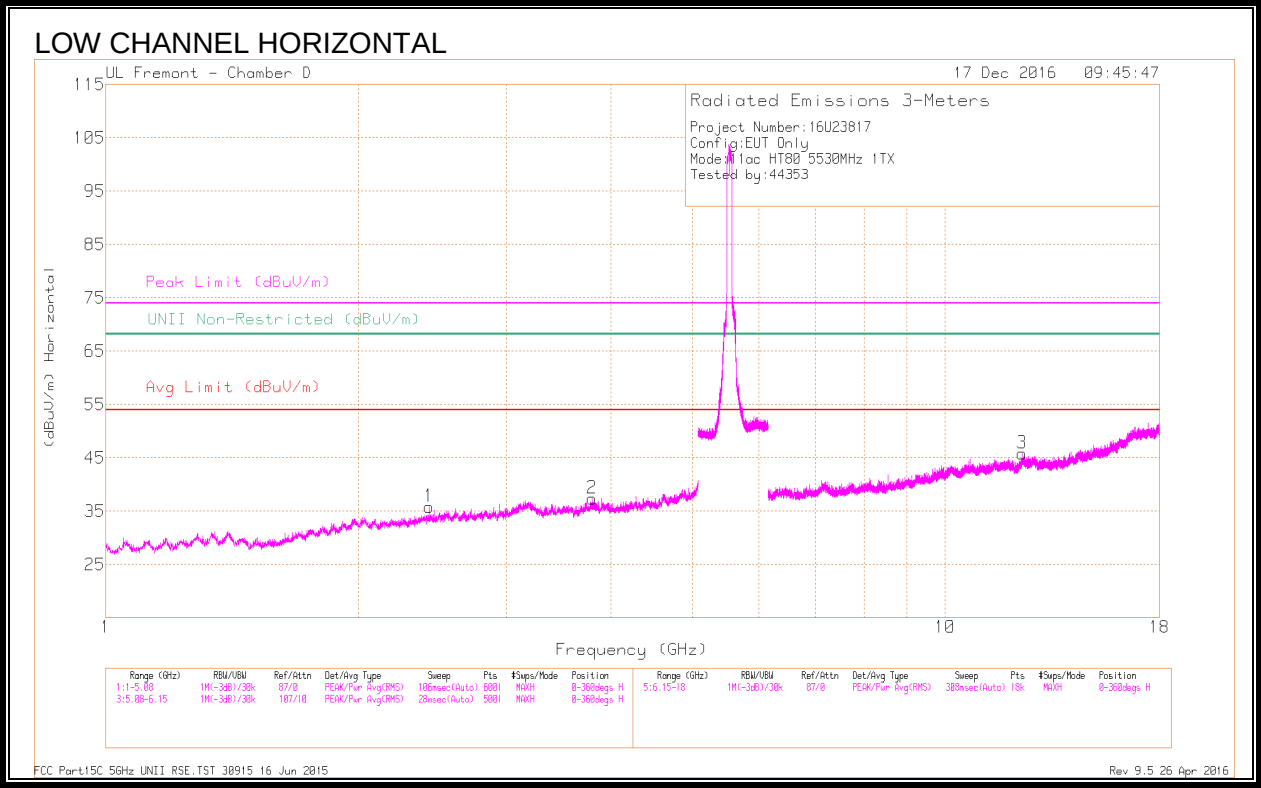


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T711 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.423	43.4	Pk	34.4	-19.2	0	58.6	-	-	74	-15.4	67	225	V
6	* 5.455	33.44	RMS	34.4	-19.4	.2	48.64	54	-5.36	-	-	67	225	V
1	* 5.46	39.41	Pk	34.4	-19.3	0	54.51	-	-	74	-19.49	67	225	V
5	* 5.46	32.68	RMS	34.4	-19.3	.2	47.98	54	-6.02	-	-	67	225	V
4	5.464	43.06	Pk	34.4	-19.3	0	58.16	-	-	68.2	-10.04	67	225	V
3	5.47	39.79	Pk	34.4	-19.4	0	54.79	-	-	68.2	-13.41	67	225	V

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

Pk - Peak detector

RMS - RMS detection



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dBm)	Amp/C58/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
2	* 3.795	38.19	PK-U	33.6	-28.8	0	42.99	-	-	74	-31.01	-	-	317	174	H
	* 3.795	28.07	ADR	33.6	-28.8	-2	33.07	54	-20.93	-	-	-	-	317	174	H
4	* 2.834	39.06	PK-U	32.3	-29.3	0	42.06	-	-	74	-31.94	-	-	60	232	V
	* 2.835	28.79	ADR	32.3	-29.3	-2	31.99	54	-22.01	-	-	-	-	60	232	V
3	* 12.349	34.64	PK-U	39	-21	0	52.64	-	-	74	-21.36	-	-	161	299	H
	* 12.349	24.08	ADR	39	-21	-2	42.28	54	-11.72	-	-	-	-	161	299	H
5	* 8.136	35.52	PK-U	35.8	-23.4	0	47.92	-	-	74	-26.08	-	-	110	121	V
	* 8.135	25.05	ADR	35.8	-23.4	-2	37.65	54	-16.35	-	-	-	-	110	121	V
6	* 11.445	34.07	PK-U	38.3	-21.3	0	51.07	-	-	74	-22.93	-	-	276	148	V
	* 11.448	24.54	ADR	38.3	-21.4	-2	41.64	54	-12.36	-	-	-	-	276	148	V
1	2.426	39.69	PK-U	32.2	-30.7	0	41.19	-	-	-	-	68.2	-27.01	152	183	H

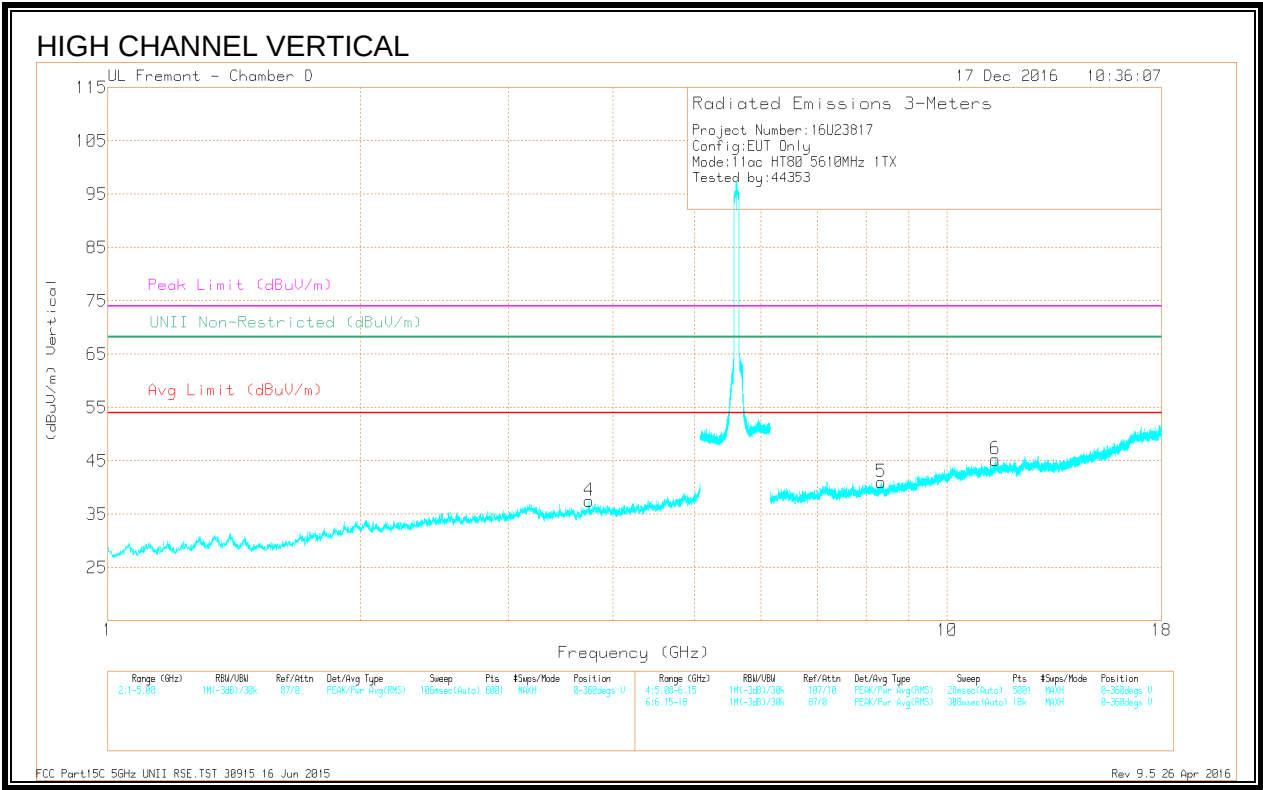
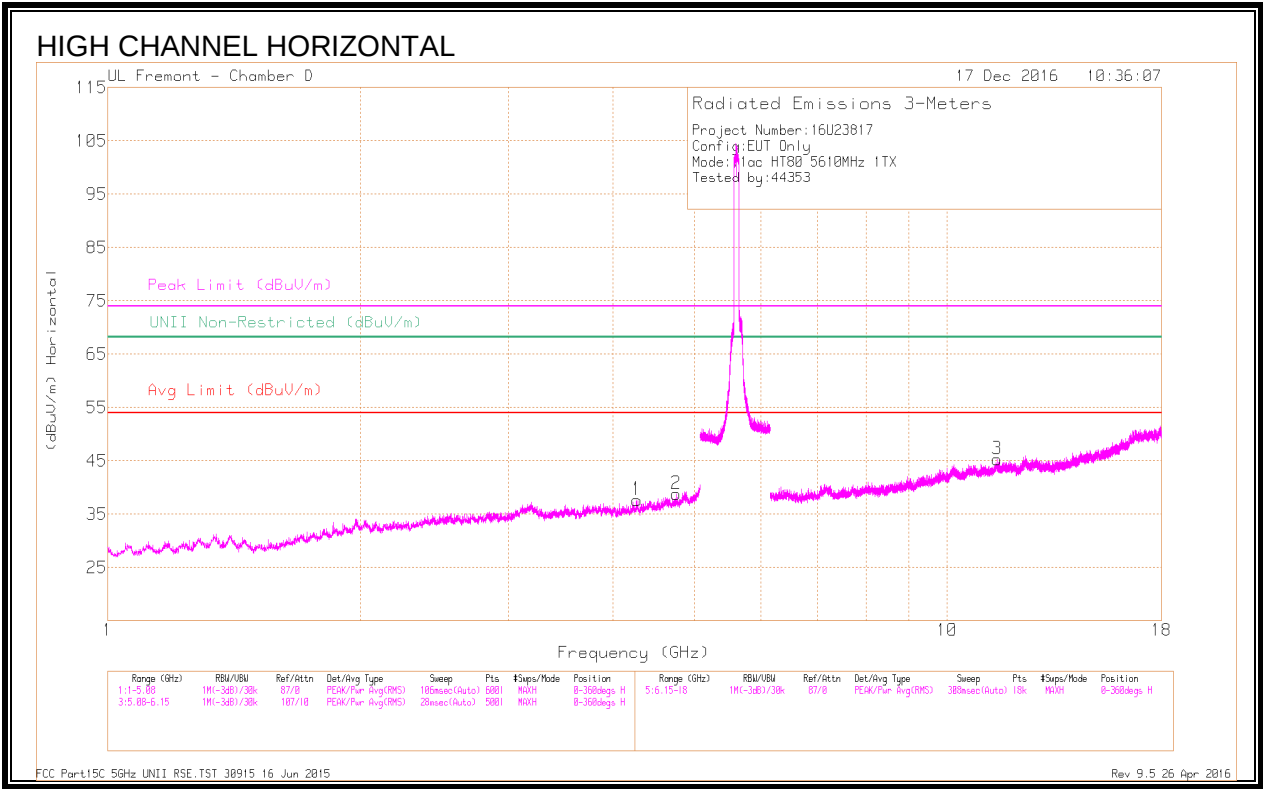
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 16 Jun 2015

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Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cable/Feed Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.272	37.44	PK-U	33.5	-27.6	0	43.34	-	-	74	-30.66	-	-	126	201	H
	* 4.27	27.73	ADR	33.5	-27.5	.2	33.93	54	-20.07	-	-	-	-	126	201	H
2	* 4.755	37.64	PK-U	34	-27.3	0	44.34	-	-	74	-29.66	-	-	75	133	H
	* 4.755	27.76	ADR	34	-27.3	.2	34.66	54	-19.34	-	-	-	-	75	133	H
4	* 3.748	38.08	PK-U	33.5	-29	0	42.58	-	-	74	-31.42	-	-	264	380	V
	* 3.745	28.29	ADR	33.5	-29.1	.2	32.89	54	-21.11	-	-	-	-	264	380	V
3	* 11.483	34.66	PK-U	38.4	-21.5	0	51.56	-	-	74	-22.44	-	-	196	187	H
	* 11.483	24.42	ADR	38.4	-21.5	.2	41.52	54	-12.48	-	-	-	-	196	187	H
5	* 8.341	35.04	PK-U	35.8	-23.8	0	47.04	-	-	74	-26.96	-	-	18	208	V
	* 8.341	24.99	ADR	35.8	-23.8	.2	37.19	54	-16.81	-	-	-	-	18	208	V
6	* 11.404	35.17	PK-U	38.3	-21.4	0	52.07	-	-	74	-21.93	-	-	135	177	V
	* 11.403	24.4	ADR	38.3	-21.4	.2	41.5	54	-12.5	-	-	-	-	135	177	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