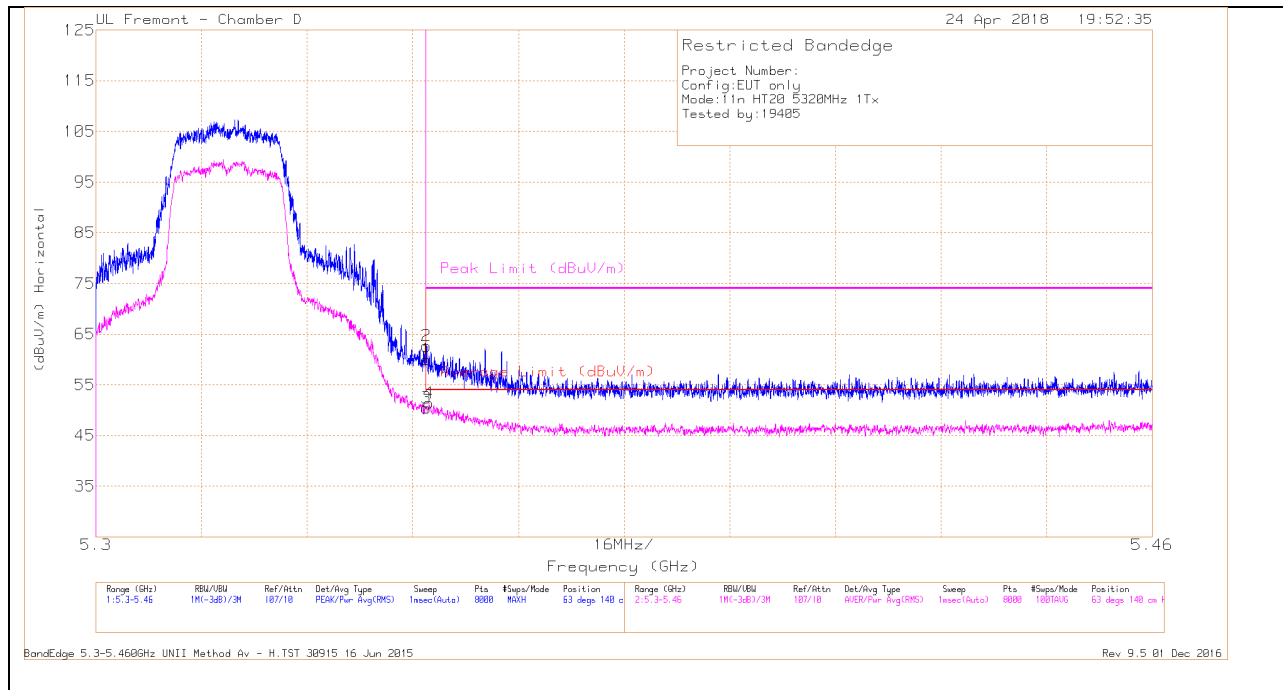


9.1.4. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna 6

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



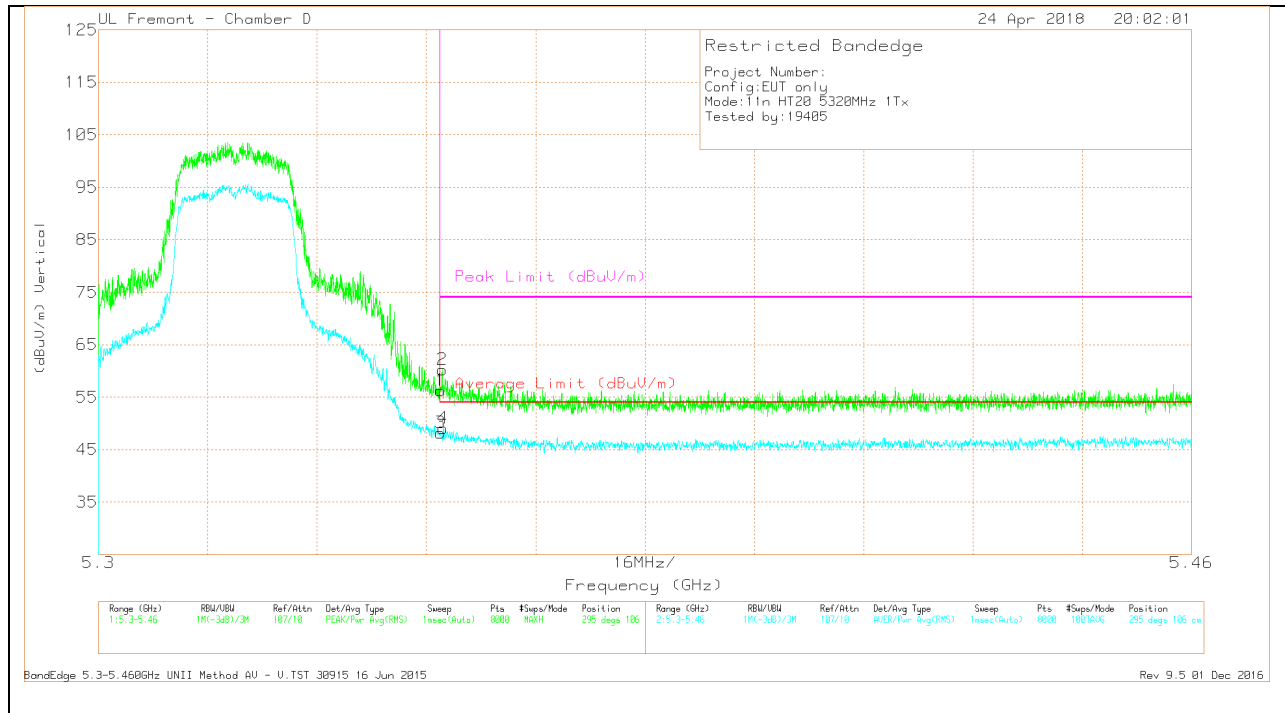
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43	Pk	34.9	-17.9	60	-	-	74	-14	63	140	H
2	* 5.35	45.65	Pk	34.9	-17.9	62.65	-	-	74	-11.35	63	140	H
3	* 5.35	33.41	RMS	34.9	-17.9	50.41	54	-3.59	-	-	63	140	H
4	* 5.35	34.38	RMS	34.9	-17.9	51.38	54	-2.62	-	-	63	140	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.22	Pk	34.9	-17.9	56.22	-	-	74	-17.78	295	106	V
2	* 5.35	43.25	Pk	34.9	-17.9	60.25	-	-	74	-13.75	295	106	V
3	* 5.35	31.16	RMS	34.9	-17.9	48.16	54	-5.84	-	-	295	106	V
4	* 5.35	32	RMS	34.9	-17.9	49	54	-5	-	-	295	106	V

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

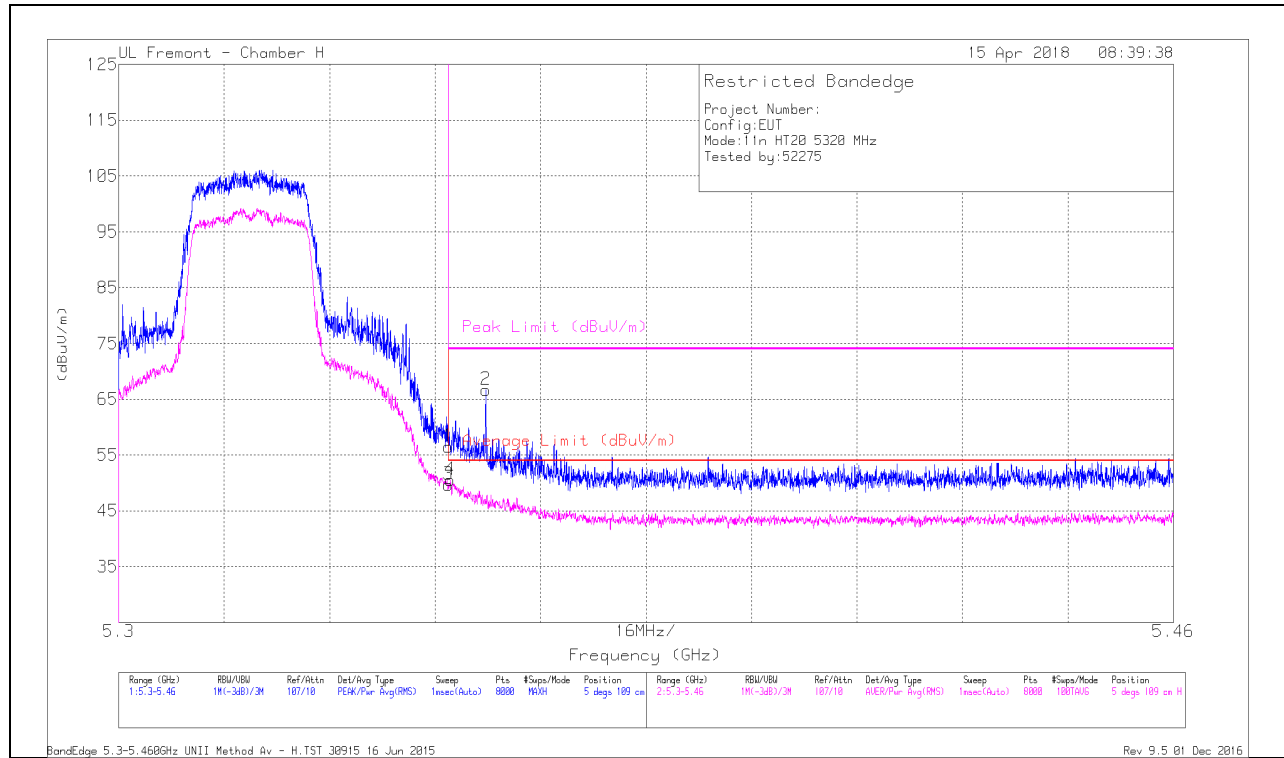
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



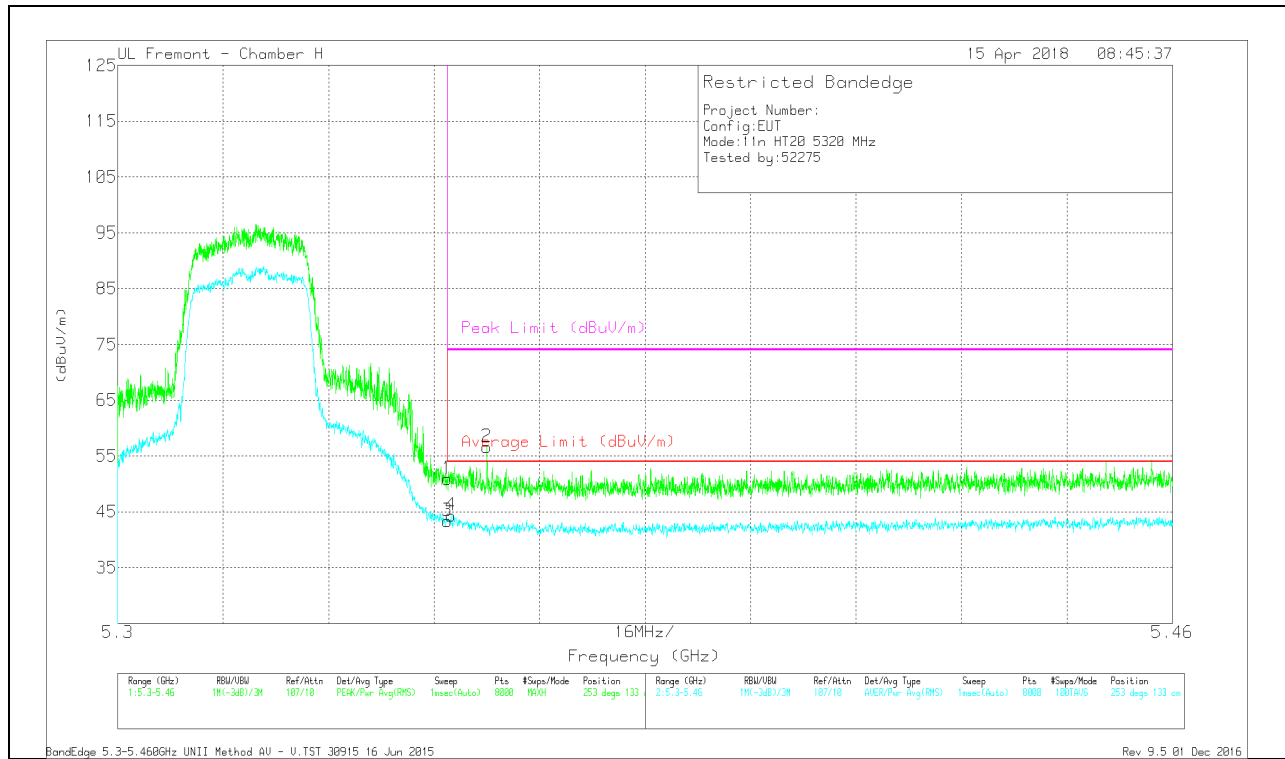
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.24	Pk	34.6	-24.3	56.54	-	-	74	-17.46	5	109	H
3	* 5.35	39.36	RMS	34.6	-24.3	49.66	54	-4.34	-	-	5	109	H
4	* 5.35	40.26	RMS	34.6	-24.3	50.56	54	-3.44	-	-	5	109	H
2	* 5.356	56.32	Pk	34.6	-24.2	66.72	-	-	74	-7.28	5	109	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

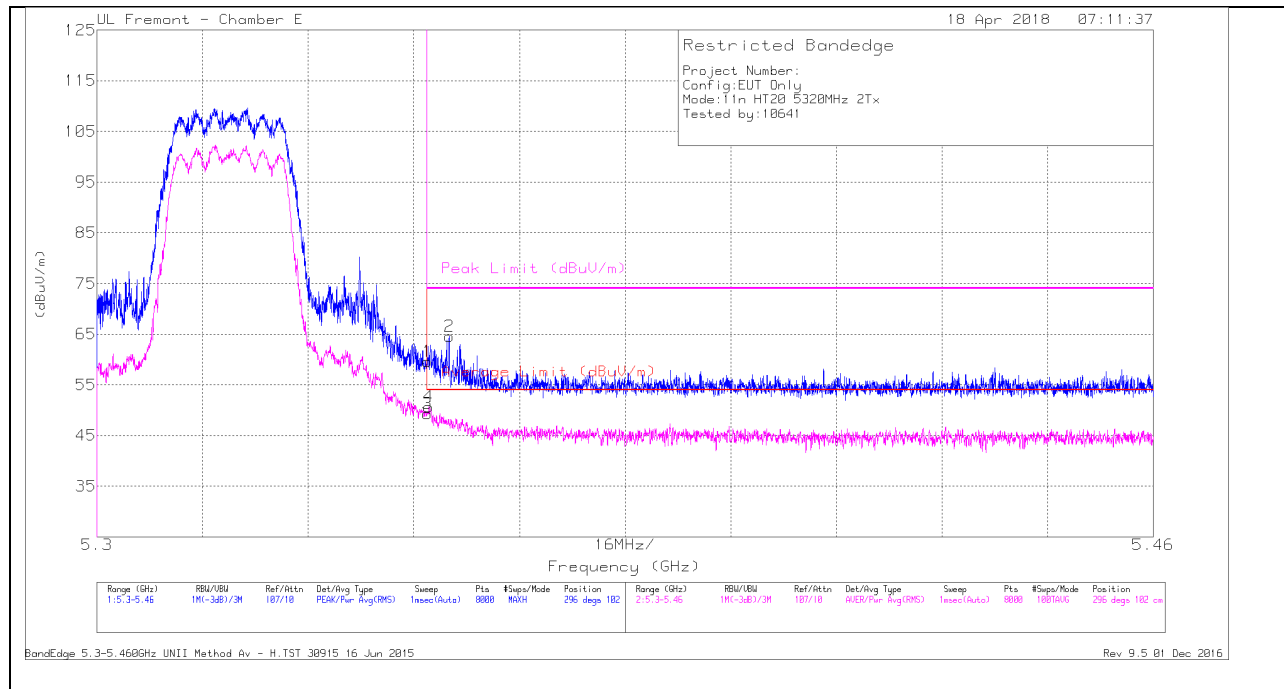


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.57	Pk	34.6	-24.3	50.87	-	-	74	-23.13	253	133	V
3	* 5.35	33.09	RMS	34.6	-24.3	43.39	54	-10.61	-	-	253	133	V
4	* 5.351	34.04	RMS	34.6	-24.3	44.34	54	-9.66	-	-	253	133	V
2	* 5.356	46.18	Pk	34.6	-24.2	56.58	-	-	74	-17.42	253	133	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

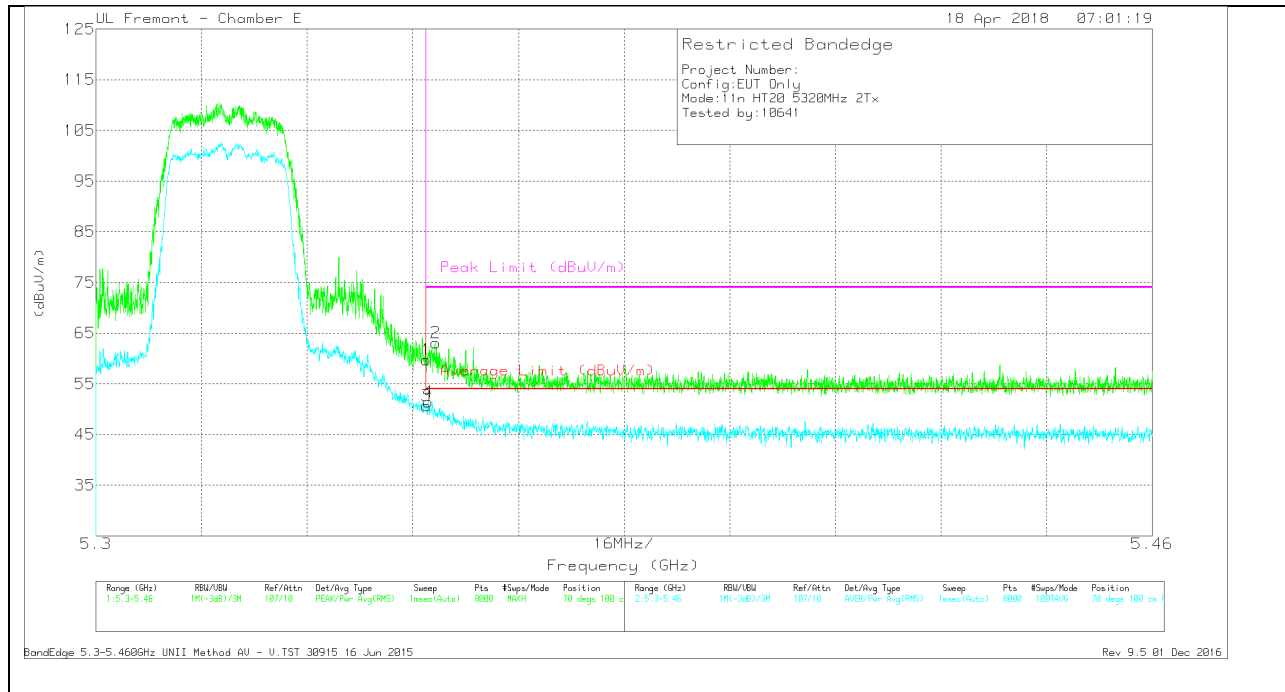
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.49	Pk	35	-19.9	59.59	-	-	74	-14.41	296	102	H
2	* 5.353	49.51	Pk	35	-19.9	64.61	-	-	74	-9.39	296	102	H
3	* 5.35	34.15	RMS	35	-19.9	49.25	54	-4.75	-	-	296	102	H
4	* 5.35	35.54	RMS	35	-19.9	50.64	54	-3.36	-	-	296	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.62	Pk	35	-19.9	59.72	-	-	74	-14.28	70	100	V
2	* 5.352	48.02	Pk	35	-19.9	63.12	-	-	74	-10.88	70	100	V
3	* 5.35	35.6	RMS	35	-19.9	50.7	54	-3.3	-	-	70	100	V
4	* 5.35	36.27	RMS	35	-19.9	51.37	54	-2.63	-	-	70	100	V

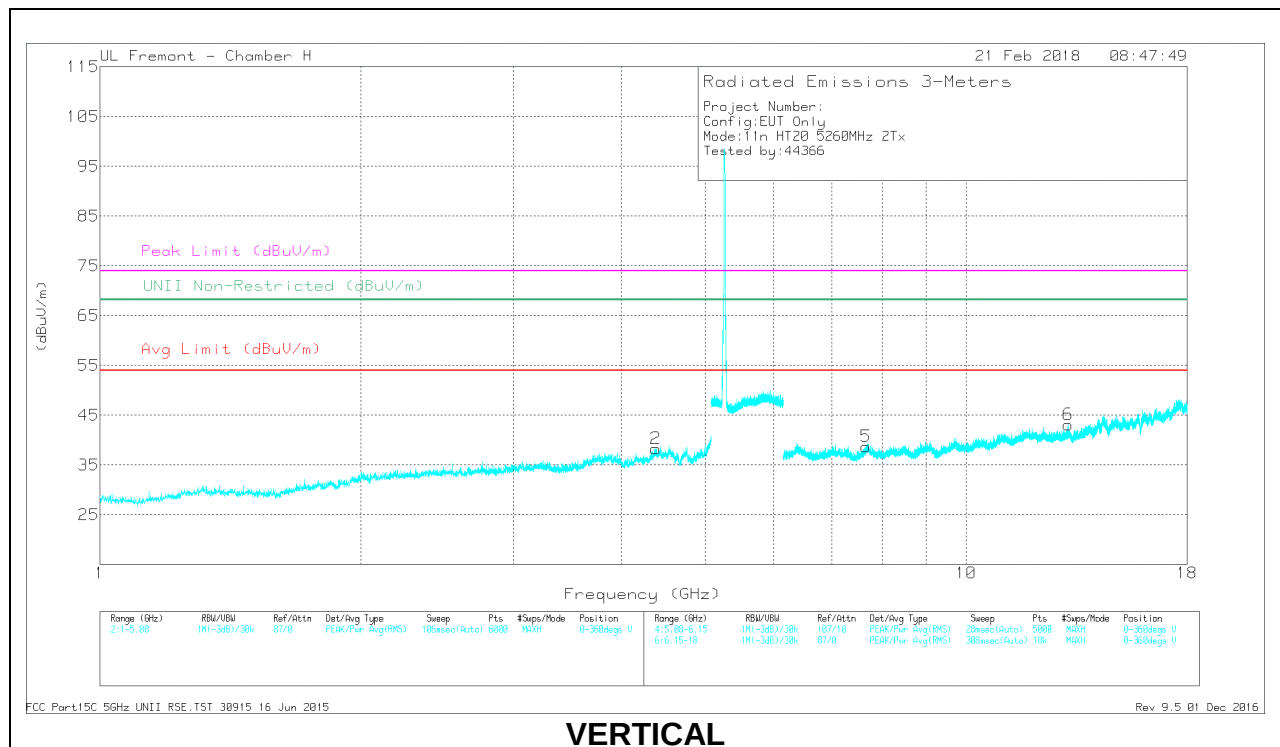
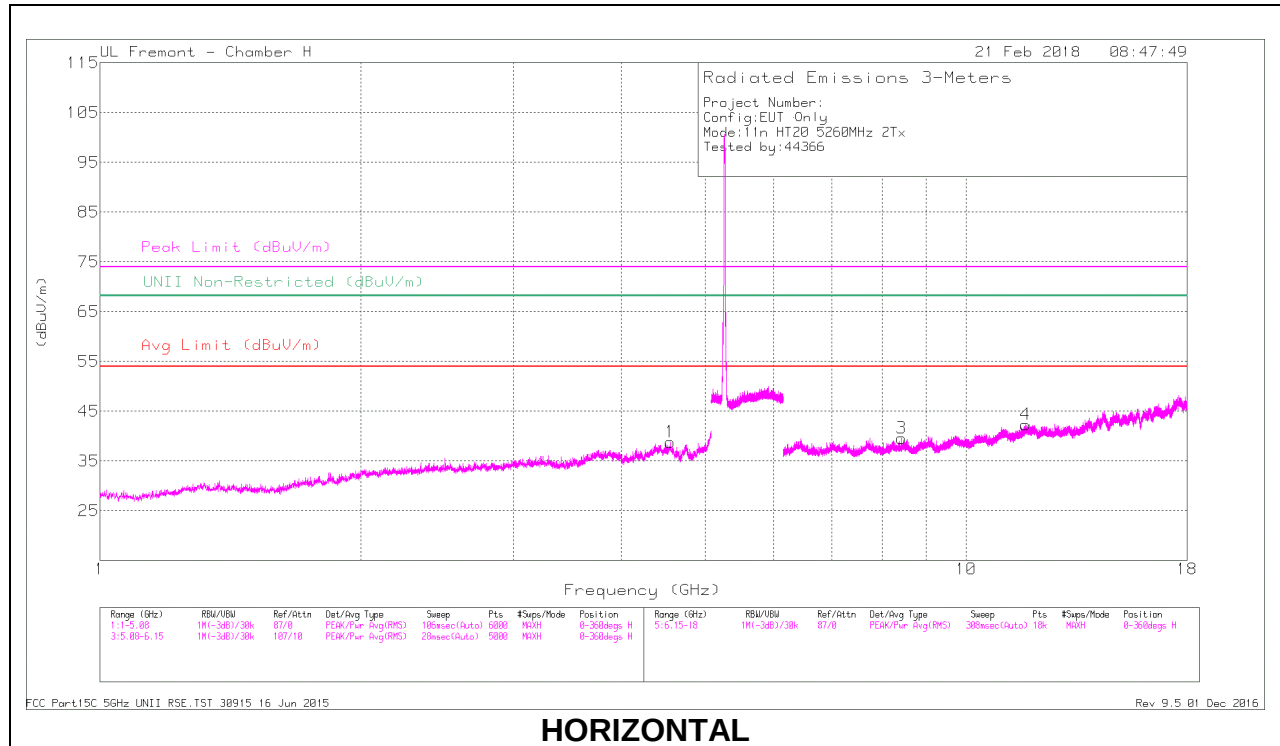
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

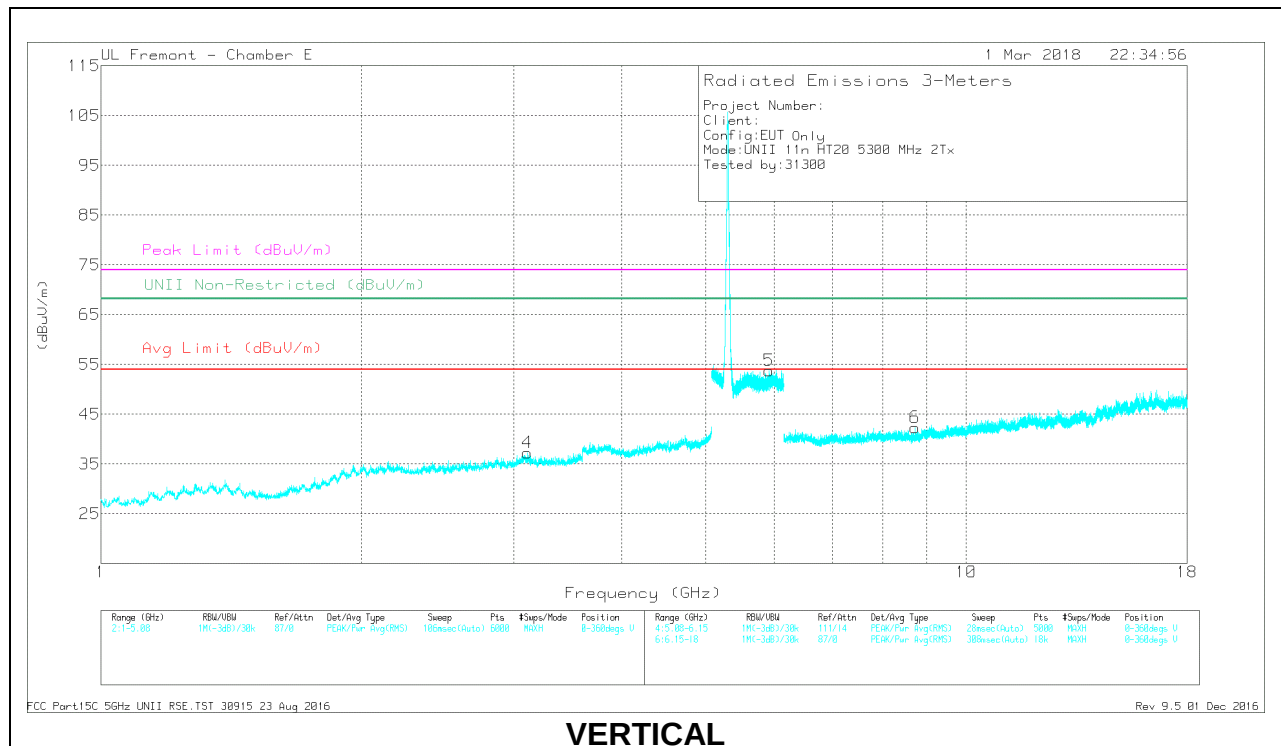
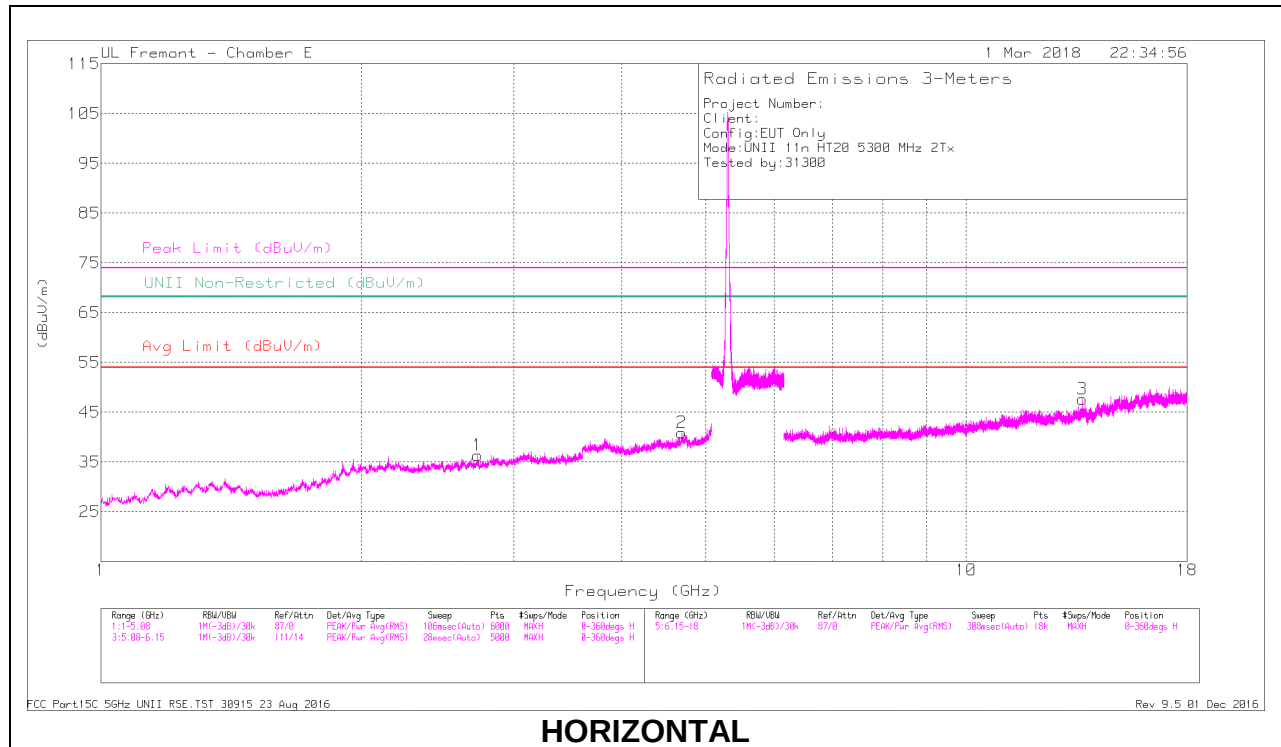
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.556	44.8	PK-U	34.3	-34.4	44.7	-	-	74	-29.3	-	-	295	400	H
	* 4.553	33.18	ADR	34.3	-34.4	33.08	54	-20.92	-	-	-	-	295	400	H
2	* 4.381	44.73	PK-U	34	-34.3	44.43	-	-	74	-29.57	-	-	175	217	V
	* 4.381	33.32	ADR	34	-34.3	33.02	54	-20.98	-	-	-	-	175	217	V
3	* 8.42	38.32	PK-U	36	-29.9	44.42	-	-	74	-29.58	-	-	132	354	H
	* 8.421	26.97	ADR	36	-29.8	33.17	54	-20.83	-	-	-	-	132	354	H
4	* 11.706	36.26	PK-U	38.8	-26.4	48.66	-	-	74	-25.34	-	-	148	319	H
	* 11.707	24.54	ADR	38.8	-26.4	36.94	54	-17.06	-	-	-	-	148	319	H
5	* 7.663	39.47	PK-U	36.2	-30.5	45.17	-	-	74	-28.83	-	-	203	213	V
	* 7.663	27.98	ADR	36.2	-30.5	33.68	54	-20.32	-	-	-	-	203	213	V
6	13.114	36.34	PK-U	39	-25.9	49.44	-	-	-	-	68.2	-18.76	0	321	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

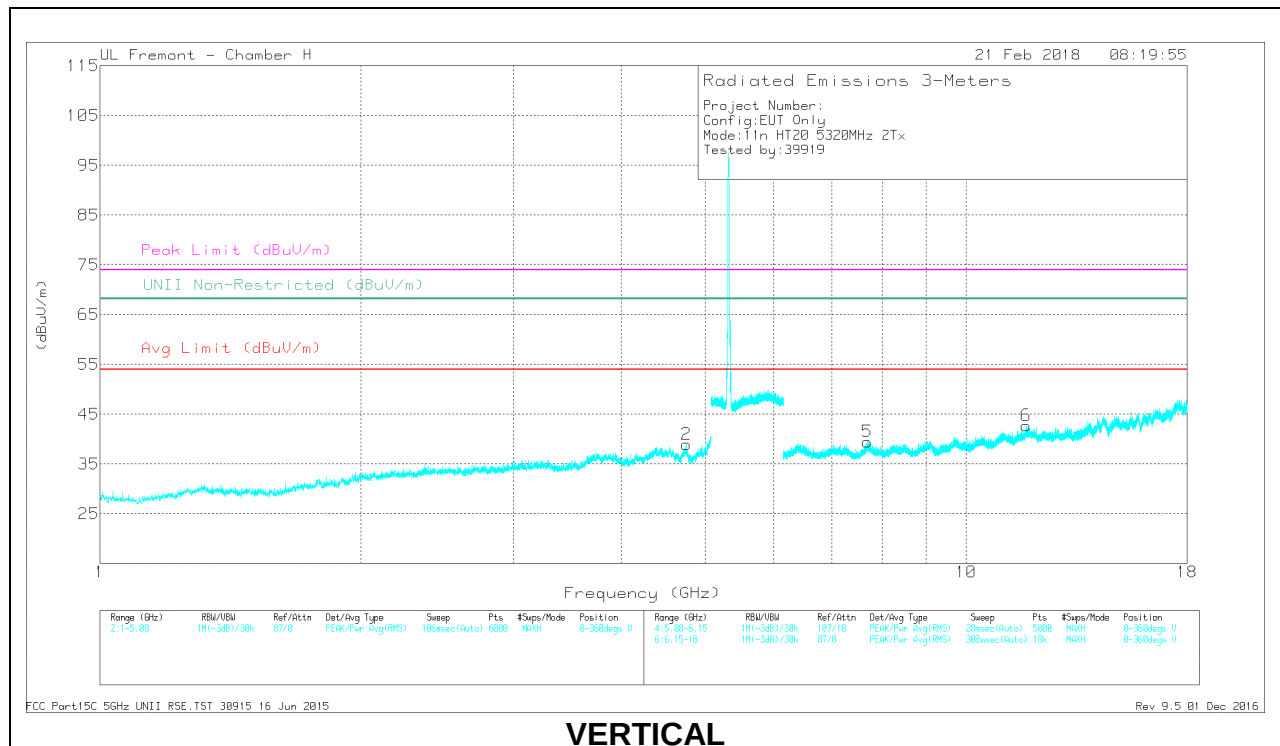
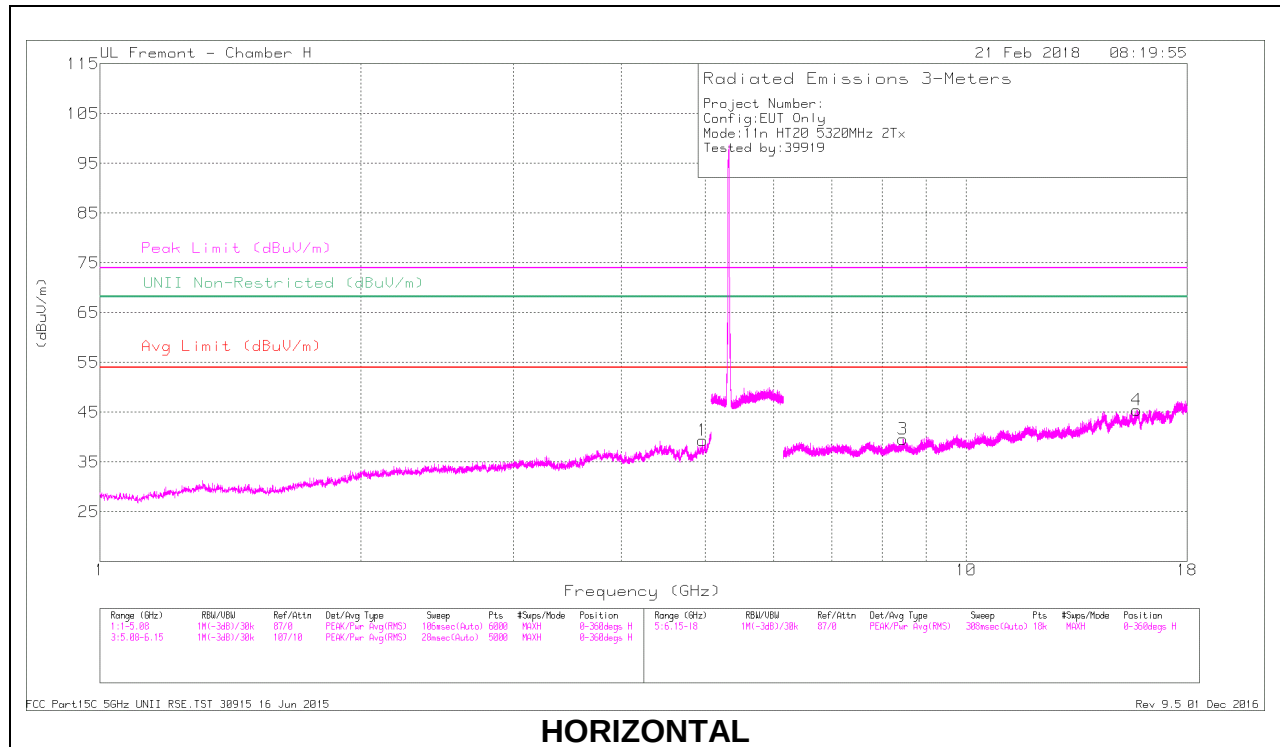
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.725	42.34	PK-U	32.5	-31.9	42.94	-	-	74	-31.06	-	-	60	137	H
	* 2.725	30.1	ADR	32.5	-31.9	30.7	54	-23.3	-	-	-	-	60	137	H
2	* 4.695	42.49	PK-U	34.4	-28.9	47.99	-	-	74	-26.01	-	-	174	126	H
	* 4.693	29.98	ADR	34.4	-28.9	35.48	54	-18.52	-	-	-	-	174	126	H
4	3.109	40.83	PK-U	33.1	-29.9	44.03	-	-	-	-	68.2	-24.17	240	106	V
5	5.928	44.52	PK-U	35.2	-18.9	60.82	-	-	-	-	68.2	-7.38	252	319	V
6	8.73	38.24	PK-U	36.6	-25.7	49.14	-	-	-	-	68.2	-19.06	117	123	V
3	13.614	37.83	PK-U	39.6	-24.1	53.33	-	-	-	-	68.2	-14.87	315	115	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.961	44.4	PK-U	34.1	-32.8	45.7	-	-	74	-28.3	-	-	121	187	H
	* 4.958	31.57	ADR	34.2	-32.8	32.97	54	-21.03	-	-	-	-	121	187	H
2	* 4.751	43.23	PK-U	34.2	-33.5	43.93	-	-	74	-30.07	-	-	127	117	V
	* 4.753	31.96	ADR	34.2	-33.5	32.66	54	-21.34	-	-	-	-	127	117	V
3	* 8.449	38.71	PK-U	36	-29.6	45.11	-	-	74	-28.89	-	-	225	302	H
	* 8.449	26.95	ADR	36	-29.6	33.35	54	-20.65	-	-	-	-	225	302	H
4	* 15.751	34.95	PK-U	41.5	-24.5	51.95	-	-	74	-22.05	-	-	62	323	H
	* 15.753	23.51	ADR	41.6	-24.5	40.61	54	-13.39	-	-	-	-	62	323	H
5	* 7.685	39.69	PK-U	36.2	-30.4	45.49	-	-	74	-28.51	-	-	356	398	V
	* 7.686	28.33	ADR	36.2	-30.4	34.13	54	-19.87	-	-	-	-	356	398	V
6	* 11.739	36.1	PK-U	38.8	-26.4	48.5	-	-	74	-25.5	-	-	218	145	V
	* 11.736	24.52	ADR	38.8	-26.4	36.92	54	-17.08	-	-	-	-	218	145	V

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

PK-U - U-NII: Maximum Peak

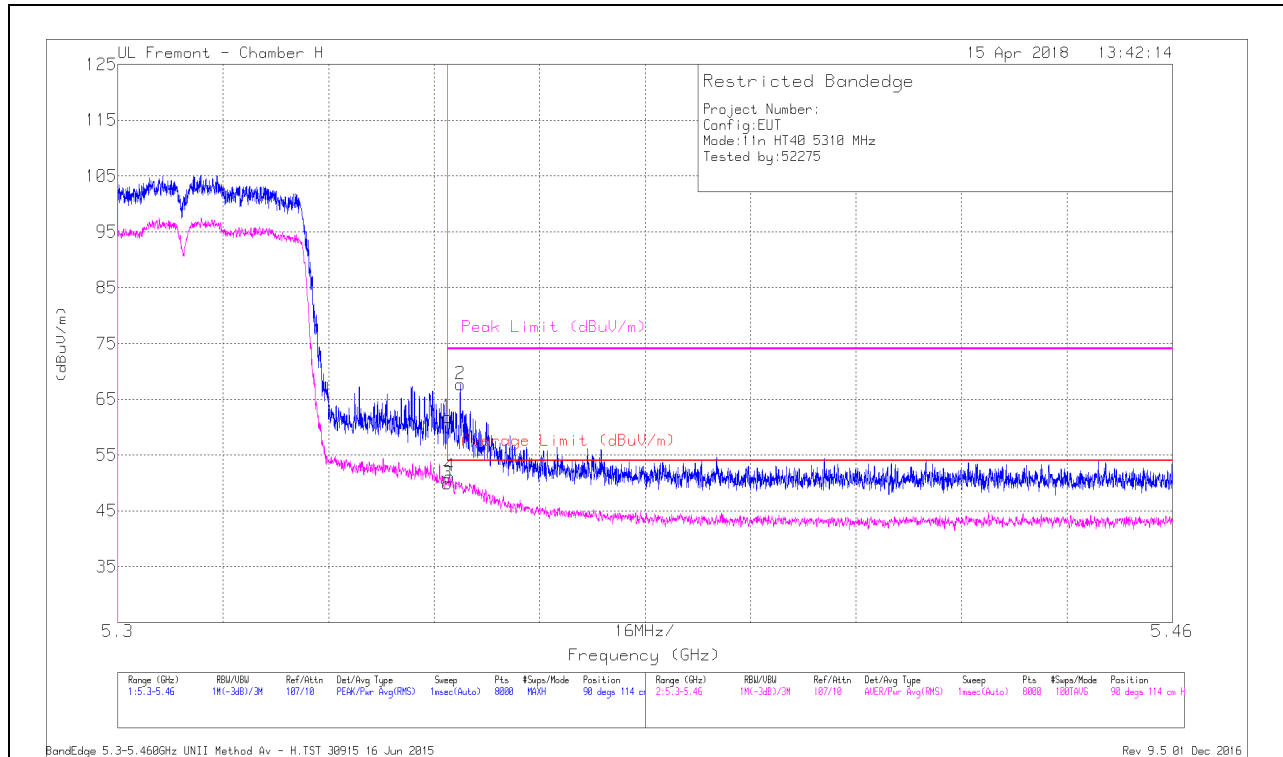
ADR - U-NII AD primary method, RMS average

9.1.5. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna 6

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



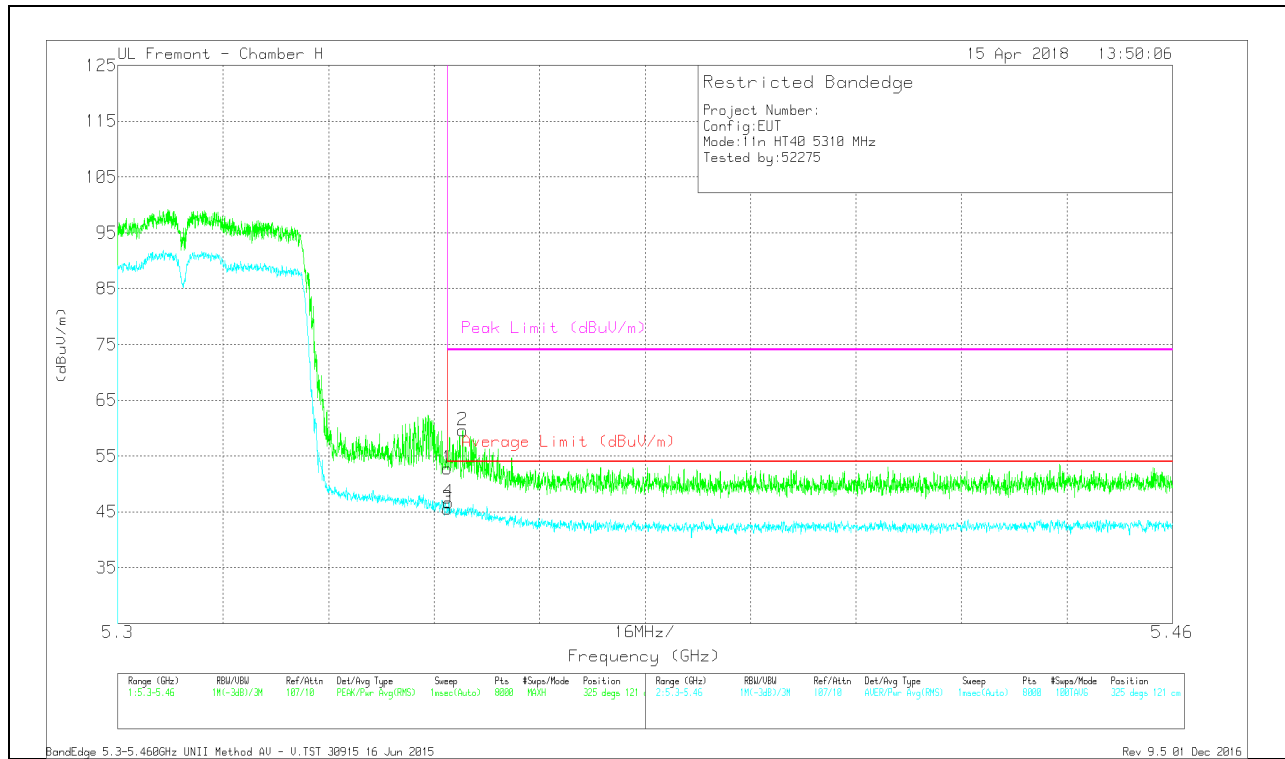
	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	51.5	Pk	34.6	-24.3	0	61.8	-	-	74	-12.2	90	114	H
2	* 5.352	57.4	Pk	34.6	-24.3	0	67.7	-	-	74	-6.3	90	114	H
3	* 5.35	39.61	RMS	34.6	-24.3	.09	50.00	54	-4.0	-	-	90	114	H
4	* 5.35	40.84	RMS	34.6	-24.3	.09	51.23	54	-2.77	-	-	90	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.46	Pk	34.6	-24.3	0	52.76	-	-	74	-21.24	325	121	V
2	* 5.352	49.35	Pk	34.6	-24.3	0	59.65	-	-	74	-14.35	325	121	V
3	* 5.35	35.29	RMS	34.6	-24.3	.09	45.68	54	-8.31	-	-	325	121	V
4	* 5.35	36.42	RMS	34.6	-24.3	.09	46.81	54	-7.19	-	-	325	121	V

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

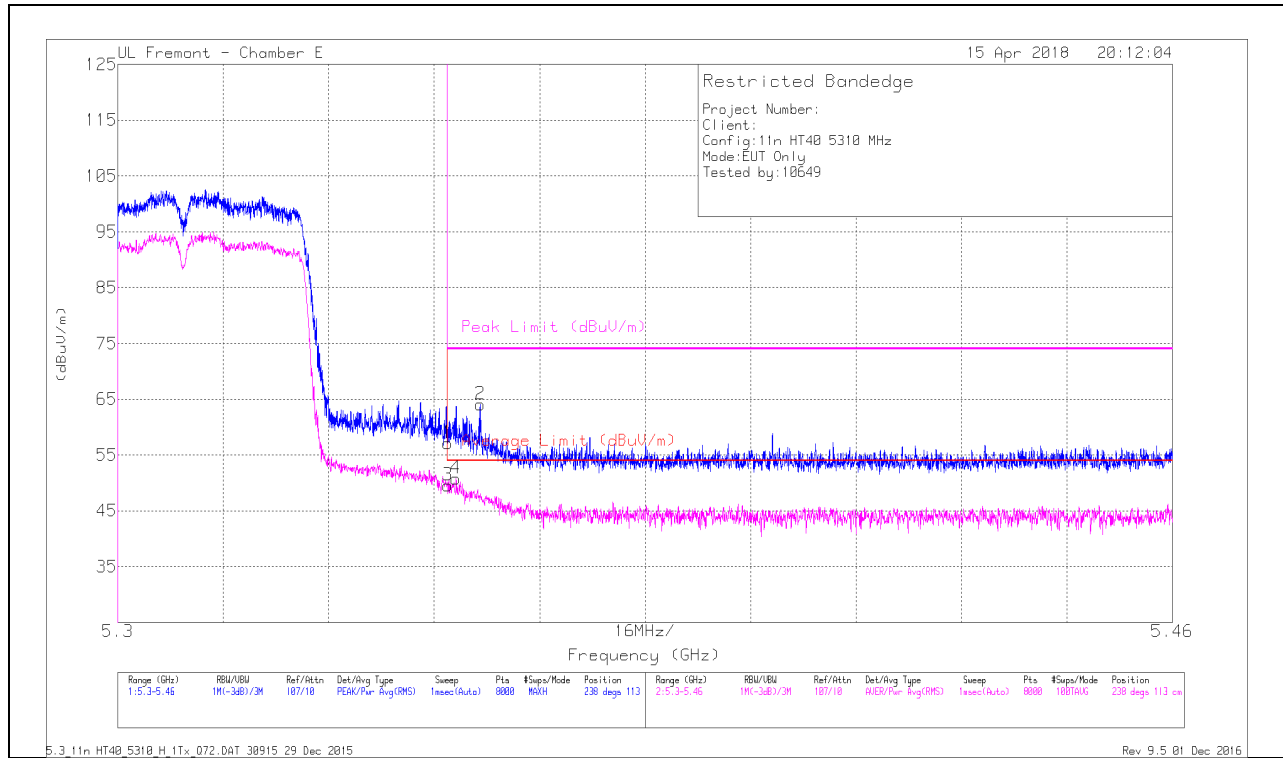
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



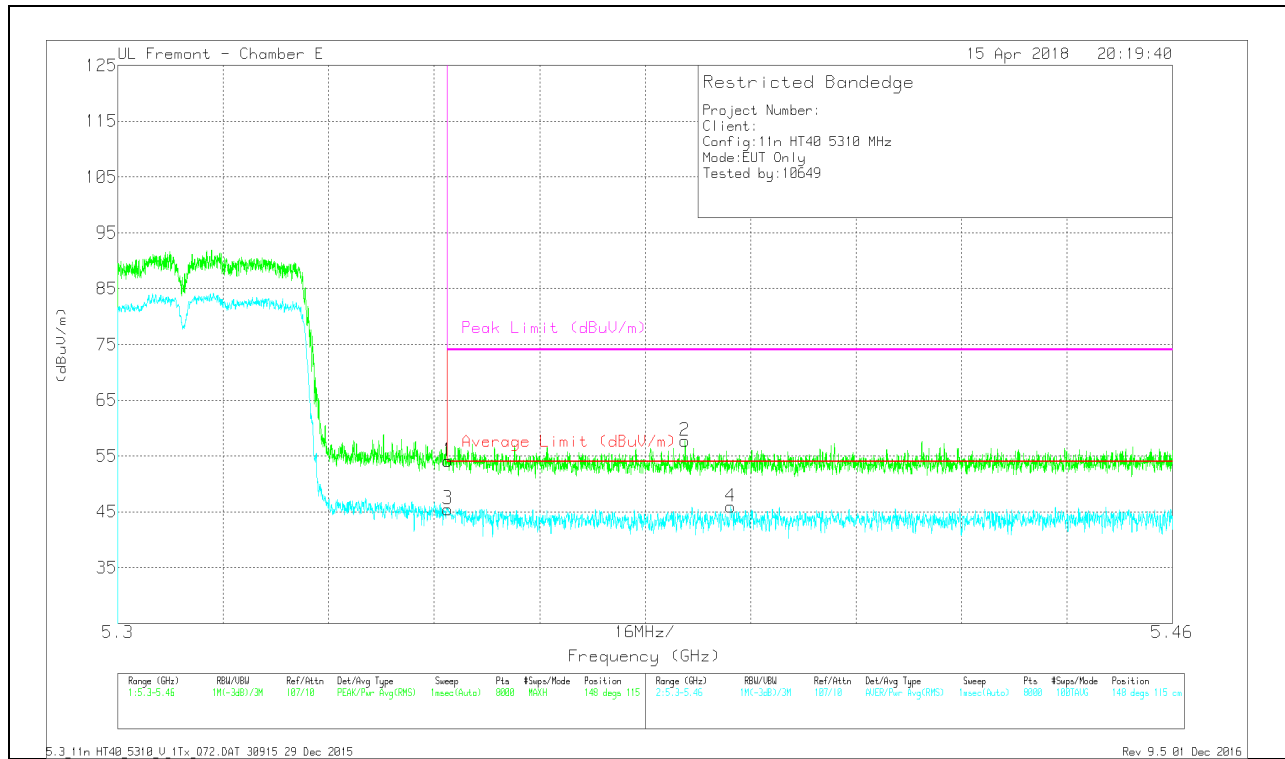
Marker	Frequen- cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimu- t (Degs)	Height (cm)	Polarity
1	* 5.35	42.07	Pk	35	-19.9	0	57.17	-	-	74	-16.83	238	113	H
2	* 5.355	48.94	Pk	35	-19.9	0	64.04	-	-	74	-9.96	238	113	H
3	* 5.35	34.39	RMS	35	-19.9	.09	49.58	54	-4.42	-	-	238	113	H
4	* 5.351	35.65	RMS	35	-19.9	.09	50.84	54	-3.16	-	-	238	113	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

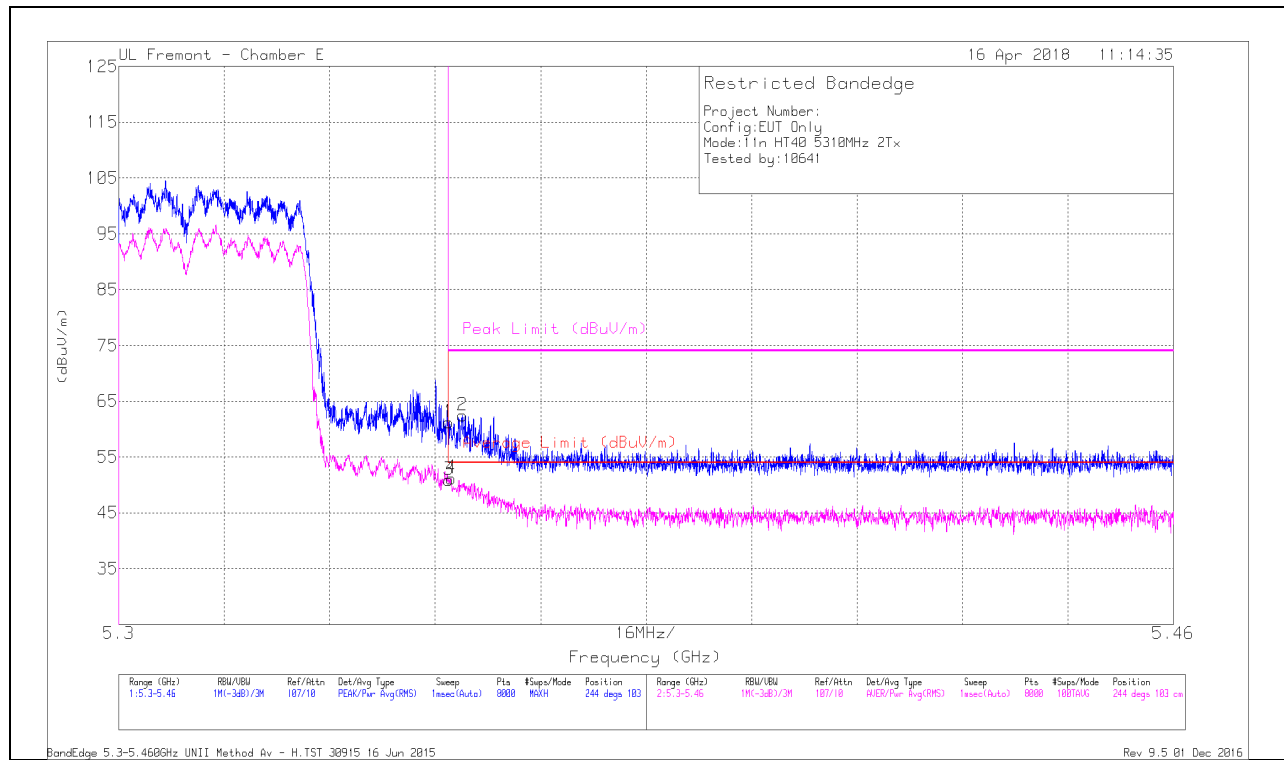


Marker	Frequ ncy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 5.35	39.07	Pk	35	-19.9	0	54.17	-	-	74	-19.83	148	115	V
2	* 5.386	42.59	Pk	35	-19.9	0	57.69	-	-	74	-16.31	148	115	V
3	* 5.35	30.41	RMS	35	-19.9	.09	45.60	54	-8.40	-	-	148	115	V
4	* 5.393	30.89	RMS	35	-20	.09	45.98	54	-8.02	-	-	148	115	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

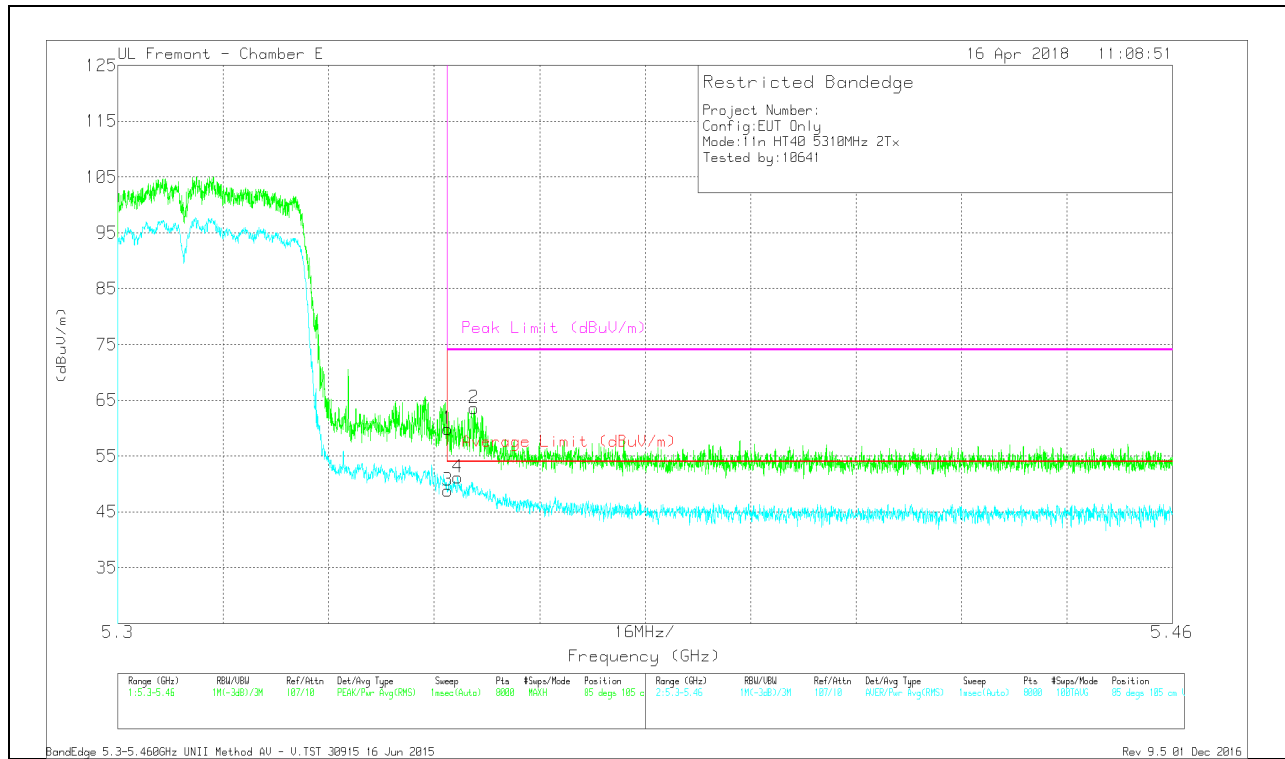
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.14	Pk	35	-19.9	0	61.24	-	-	74	-12.76	244	103	H
2	* 5.352	47.31	Pk	35	-19.9	0	62.41	-	-	74	-11.59	244	103	H
3	* 5.35	35.69	RMS	35	-19.9	0.09	50.88	54	-3.12	-	-	244	103	H
4	* 5.35	36.03	RMS	35	-19.9	0.09	51.22	54	-2.78	-	-	244	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequ ncy (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimu t (Degs)	Height (cm)	Polarity
1	* 5.35	44.8	Pk	35	-19.9	0	59.9	-	-	74	-14.1	85	105	V
2	* 5.354	48.49	Pk	35	-19.9	0	63.59	-	-	74	-10.41	85	105	V
3	* 5.35	33.66	RMS	35	-19.9	0.09	48.85	54	-5.15	-	-	85	105	V
4	* 5.352	35.94	RMS	35	-19.9	0.09	51.13	54	-2.87	-	-	85	105	V

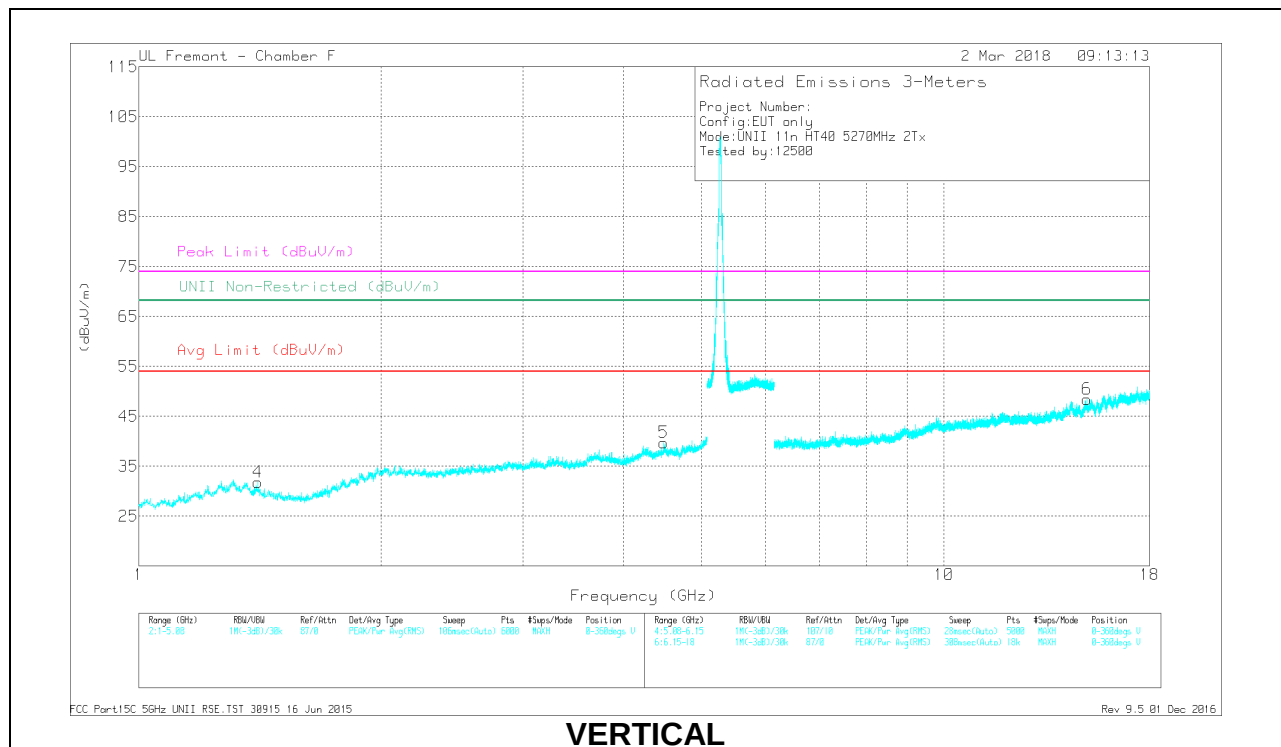
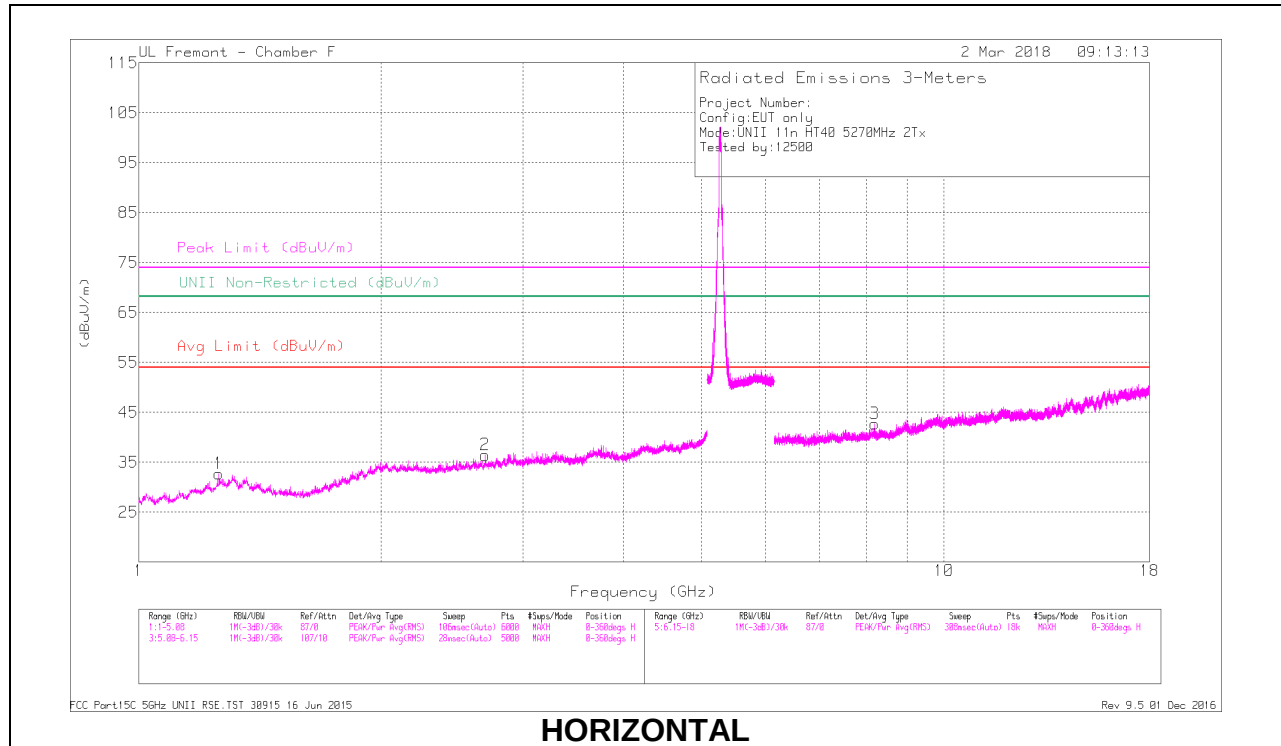
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

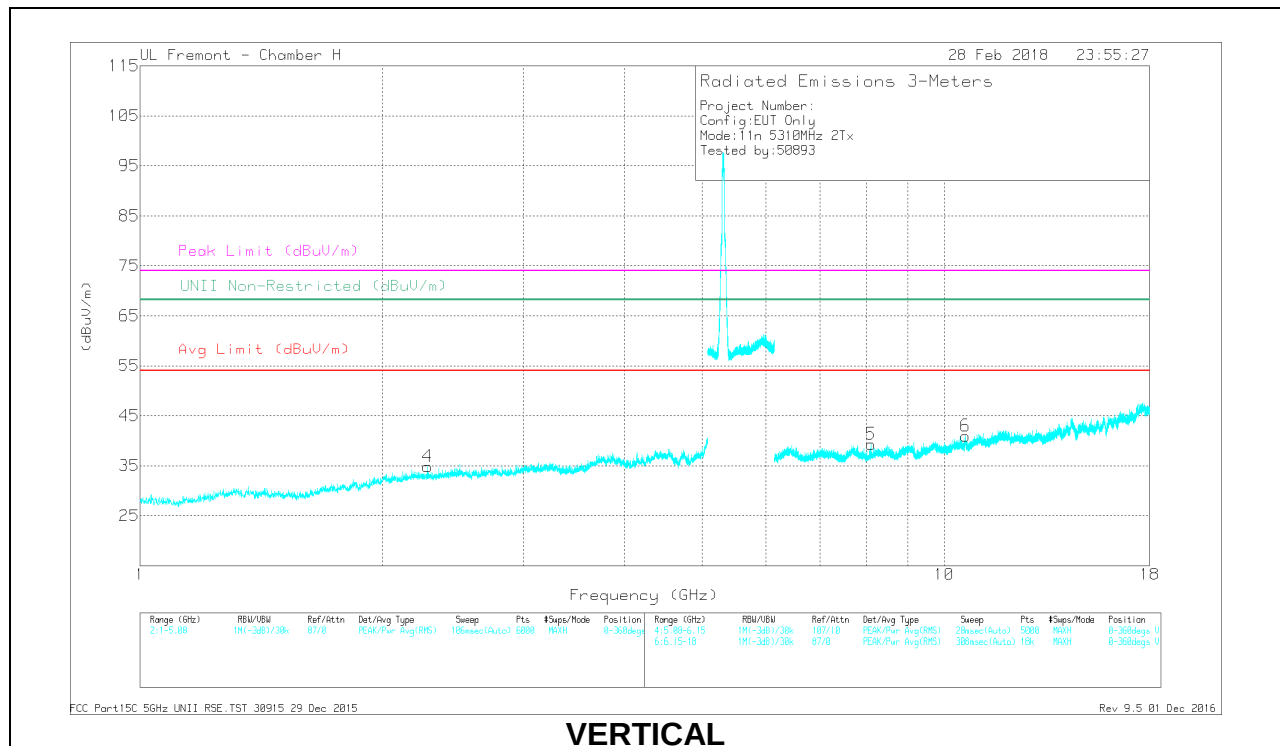
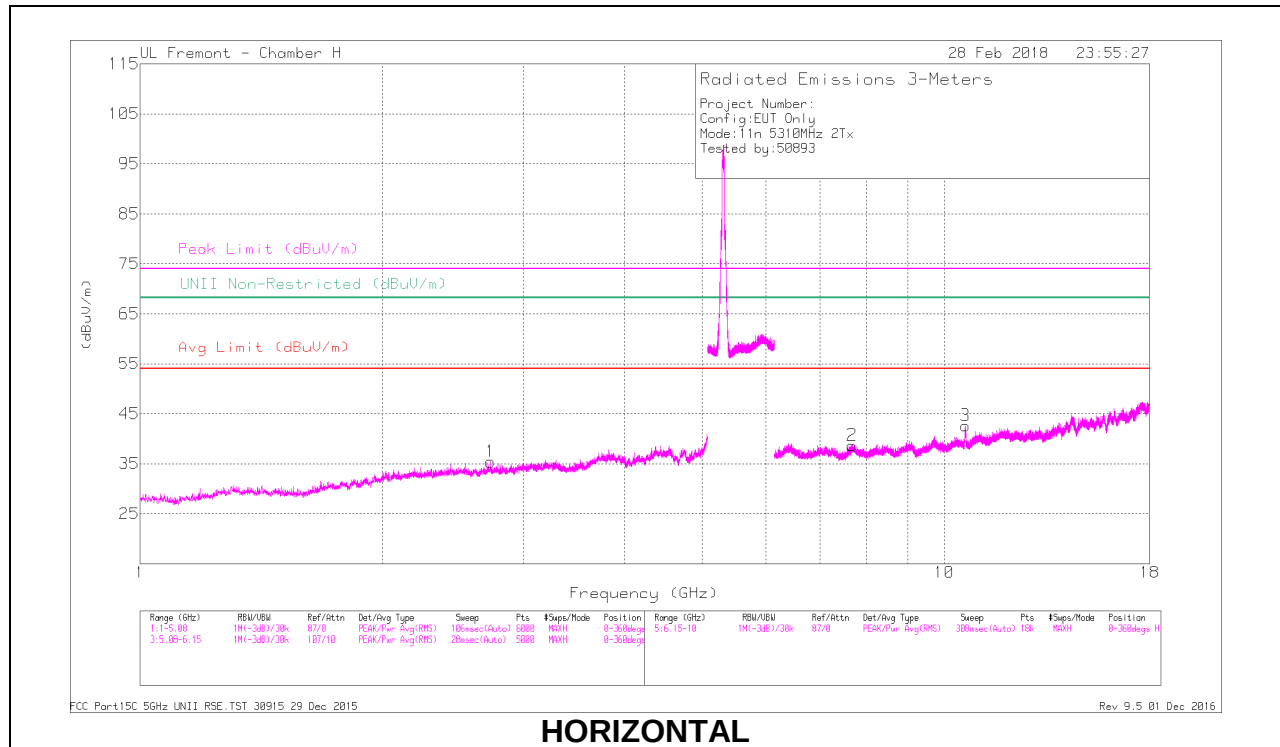
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.256	40.99	PK-U	29.6	-31.7	0	38.89	-	-	74	-35.11	-	-	77	236	H
	* 1.256	29.07	ADR	29.6	-31.7	0.09	27.06	54	-26.94	-	-	-	-	77	236	H
2	* 2.691	40.06	PK-U	32.5	-30	0	42.56	-	-	74	-31.44	-	-	37	327	H
	* 2.691	28.17	ADR	32.5	-30	0.09	30.76	54	-23.24	-	-	-	-	37	327	H
4	* 1.408	40.8	PK-U	29	-31.5	0	38.3	-	-	74	-35.7	-	-	74	212	V
	* 1.405	28.83	ADR	29	-31.5	0.09	26.42	54	-27.58	-	-	-	-	74	212	V
5	4.484	38.49	PK-U	34.1	-26.6	0	45.99	-	-	-	-	68.2	-22.21	115	260	V
3	* 8.198	35.93	PK-U	36.2	-24	0	48.13	-	-	74	-25.87	-	-	160	223	H
	* 8.2	24.42	ADR	36.2	-24	0.09	36.71	54	-17.29	-	-	-	-	160	223	H
6	15.043	36.73	PK-U	40.9	-22.4	0	55.23	-	-	-	-	68.2	-12.97	112	237	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.723	47.24	PK-U	32.2	-37.5	0	41.94	-	-	74	-32.06	-	-	42	267	H
	* 2.726	35.15	ADR	32.2	-37.5	0.09	29.94	54	-24.06	-	-	-	-	42	267	H
4	* 2.278	46.67	PK-U	31.9	-37.6	0	40.97	-	-	74	-33.03	-	-	234	317	V
	* 2.278	34.79	ADR	31.9	-37.6	0.09	29.18	54	-24.82	-	-	-	-	234	317	V
2	* 7.68	40.04	PK-U	36.2	-30.4	0	45.84	-	-	74	-28.16	-	-	39	300	H
	* 7.68	28.14	ADR	36.2	-30.4	0.09	34.03	54	-19.97	-	-	-	-	39	300	H
3	* 10.619	40.1	PK-U	37.6	-27.7	0	50	-	-	74	-24	-	-	24	133	H
	* 10.621	28.55	ADR	37.6	-27.7	0.09	38.54	54	-15.46	-	-	-	-	24	133	H
5	* 8.11	40.02	PK-U	36.2	-30.4	0	45.82	-	-	74	-28.18	-	-	26	328	V
	* 8.111	27.43	ADR	36.2	-30.3	0.09	33.42	54	-20.58	-	-	-	-	26	328	V
6	* 10.628	38.28	PK-U	37.6	-27.7	0	48.18	-	-	74	-25.82	-	-	343	101	V
	* 10.626	26.28	ADR	37.6	-27.7	0.09	36.27	54	-17.73	-	-	-	-	343	101	V

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

PK-U - U-NII: Maximum Peak

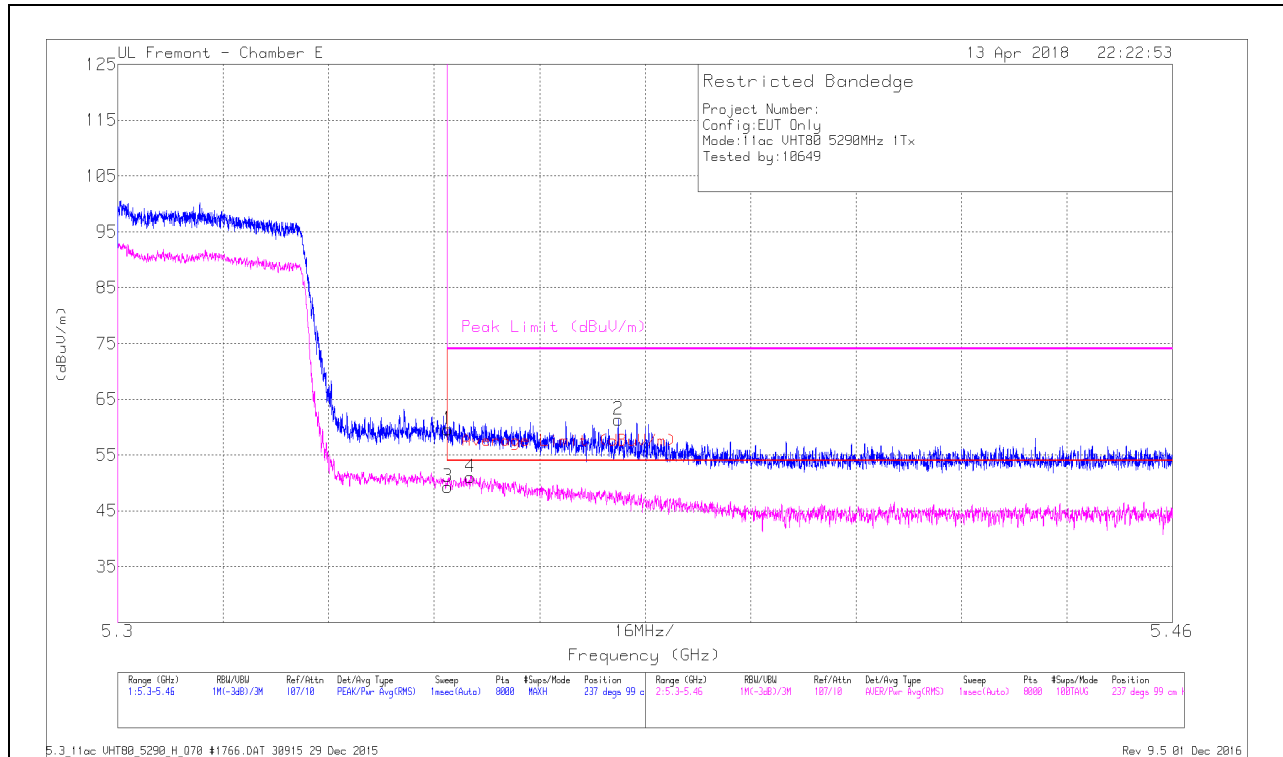
ADR - U-NII AD primary method, RMS average

9.1.6. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

1TX Antenna 6

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



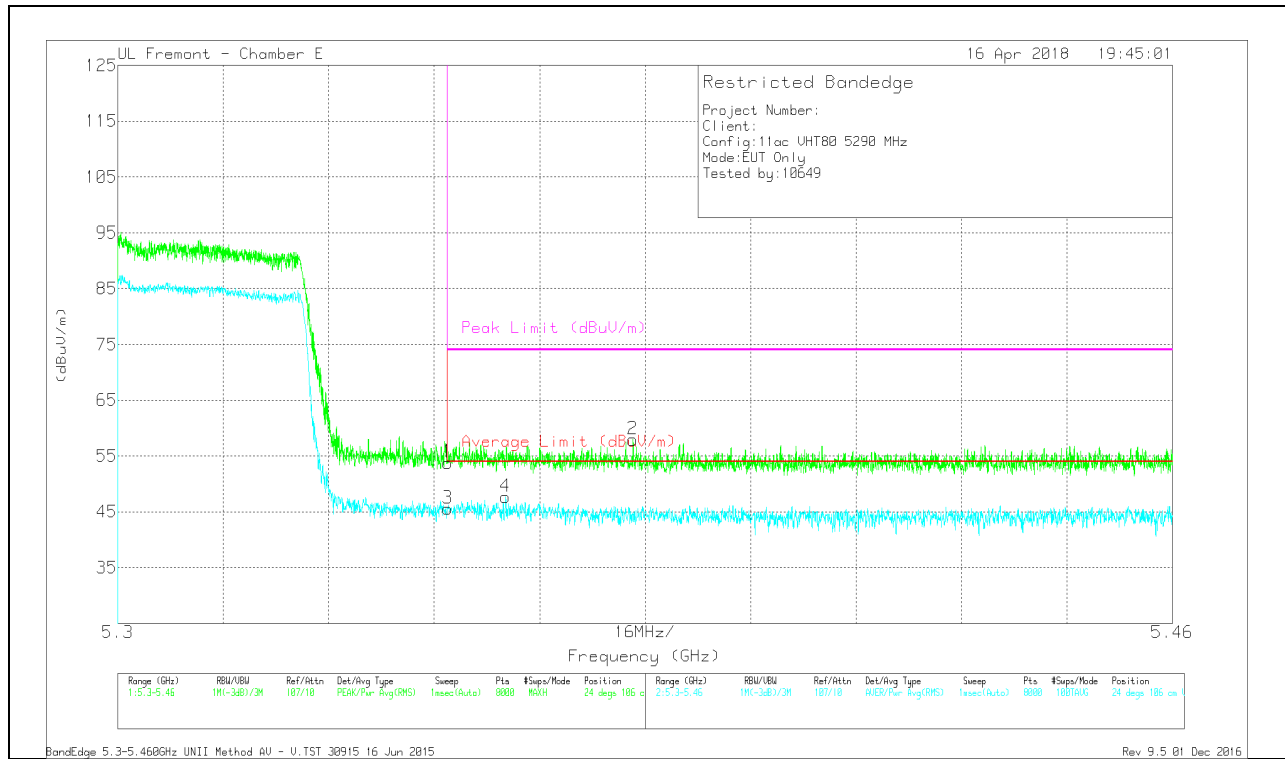
Marker	Frequ ency (GHz)	Meter Readi ng (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Fitr/ Pad (dB)	DC Corr (dB)	Correc ted Readin g (dBuV/ m)	Avera ge Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimu t (Degs)	Height (cm)	Polarit y
1	* 5.35	44.52	Pk	35	-19.9	0	59.62	-	-	74	-14.38	237	99	H
2	* 5.376	46.31	Pk	35	-20	0	61.31	-	-	74	-12.69	237	99	H
3	* 5.35	34.23	RMS	35	-19.9	.19	49.53	54	-4.48	-	-	237	99	H
4	* 5.354	35.94	RMS	35	-19.9	.19	51.23	54	-2.77	-	-	237	99	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	38.73	Pk	35	-19.9	0	53.83	-	-	74	-20.17	24	106	V
3	* 5.35	30.28	RMS	35	-19.9	.19	45.57	54	-8.43	-	-	24	106	V
4	* 5.359	32.43	RMS	35	-20	.19	47.62	54	-6.38	-	-	24	106	V
2	* 5.378	42.93	Pk	35	-20	0	57.93	-	-	74	-16.07	24	106	V

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

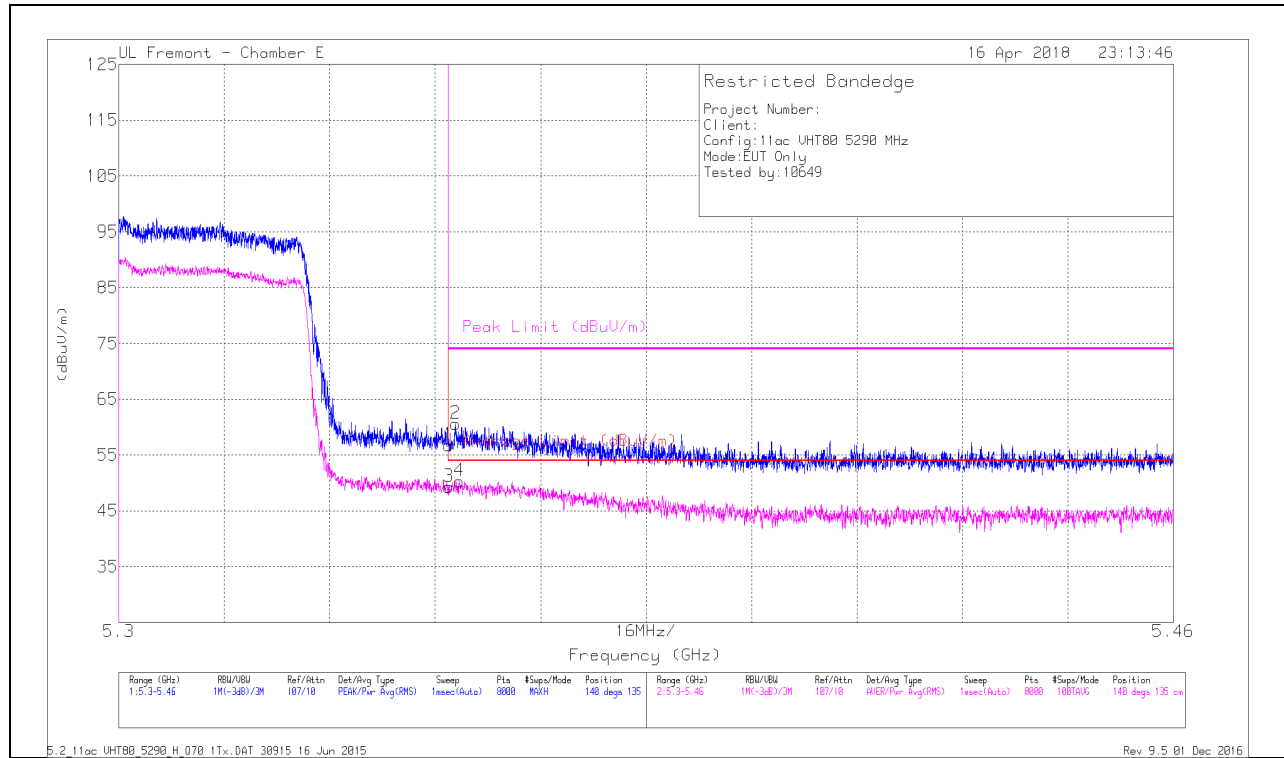
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



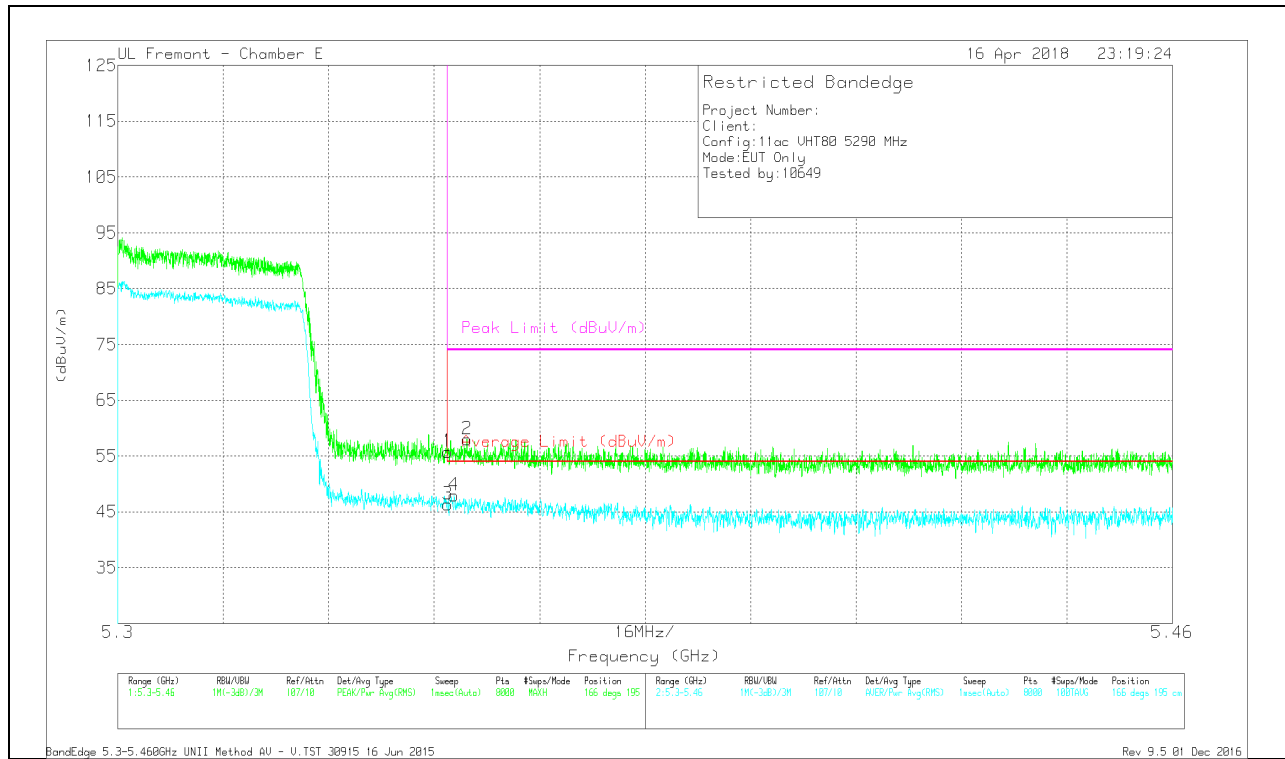
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.63	Pk	35	-19.9	0	56.73	-	-	74	-17.27	140	135	H
3	* 5.35	33.94	RMS	35	-19.9	.19	49.23	54	-4.77	-	-	140	135	H
2	* 5.351	45.54	Pk	35	-19.9	0	60.64	-	-	74	-13.36	140	135	H
4	* 5.352	35	RMS	35	-19.9	.19	50.29	54	-3.71	-	-	140	135	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

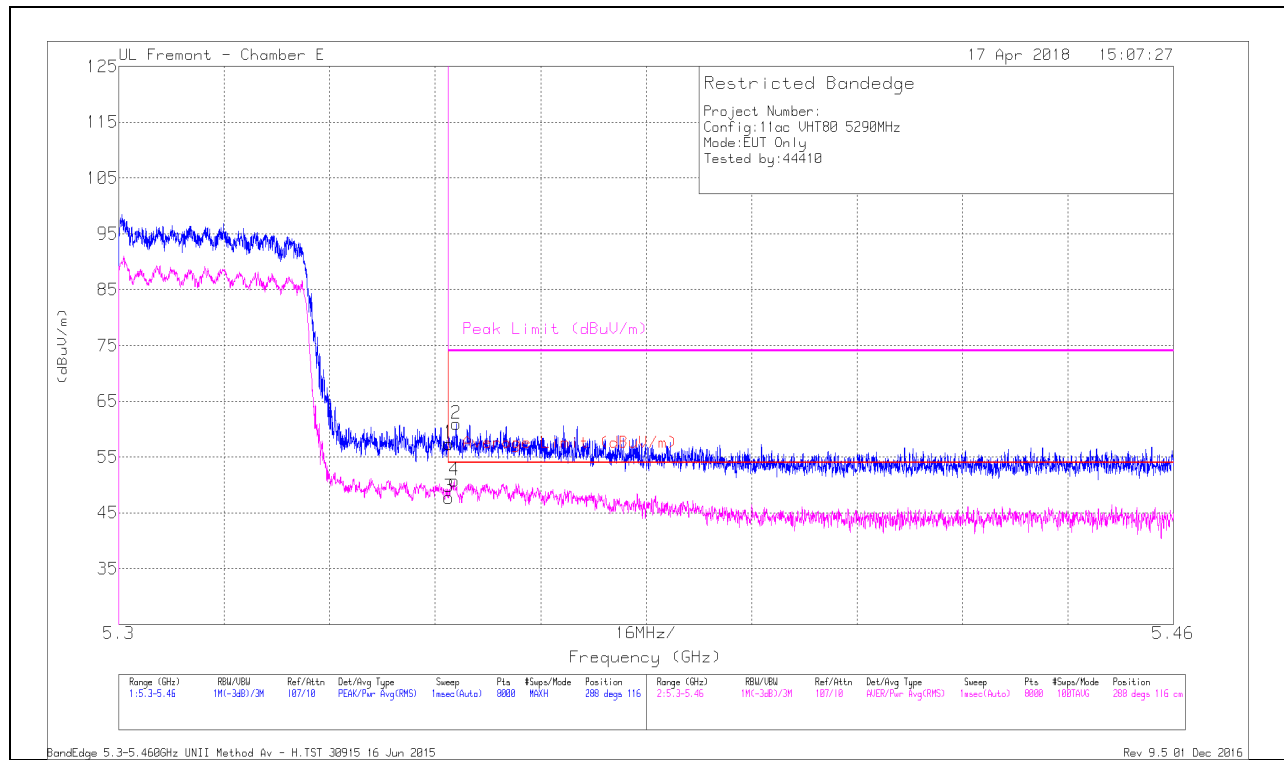


Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.7	Pk	35	-19.9	0	55.8	-	-	74	-18.2	166	195	V
3	* 5.35	31	RMS	35	-19.9	.19	46.29	54	-7.71	-	-	166	195	V
4	* 5.351	32.64	RMS	35	-19.9	.19	47.93	54	-6.07	-	-	166	195	V
2	* 5.353	42.91	Pk	35	-19.9	0	58.01	-	-	74	-15.99	166	195	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

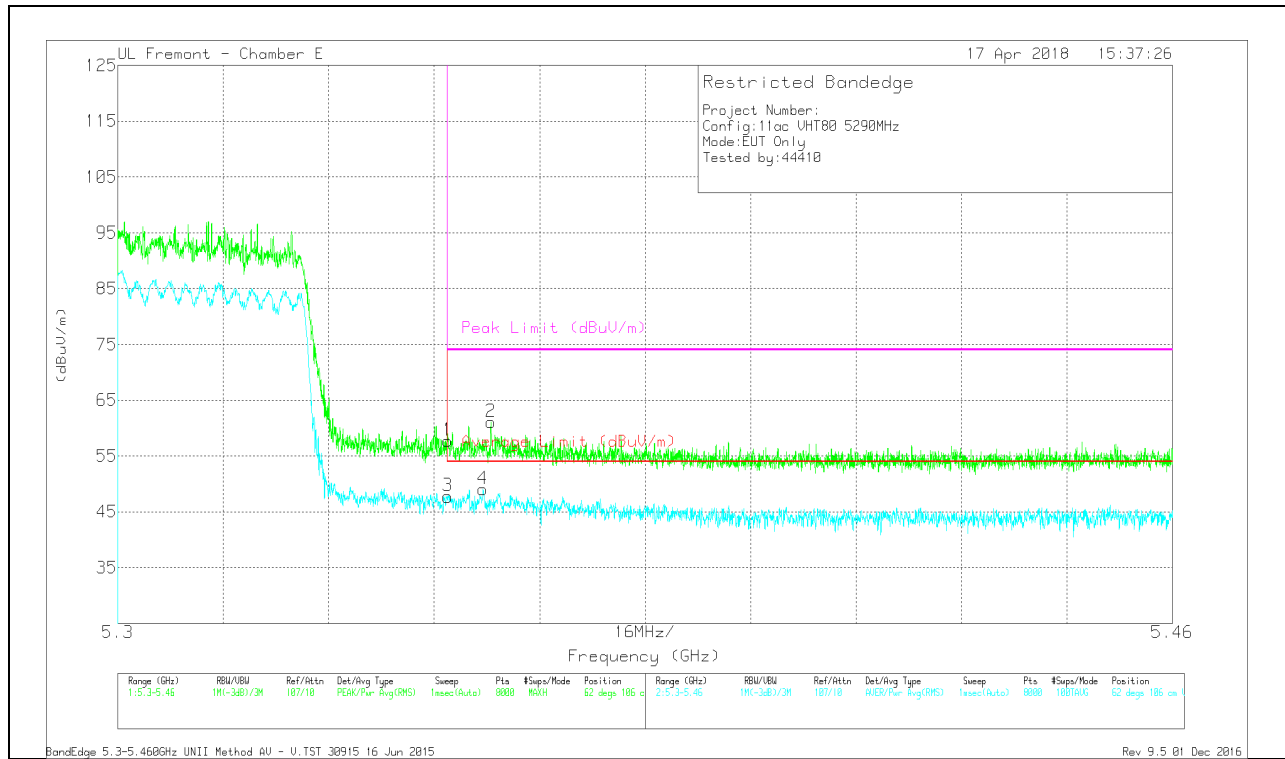
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.33	Pk	35	-19.9	0	57.43	-	-	74	-16.57	288	116	H
3	* 5.35	32.65	RMS	35	-19.9	.19	47.94	54	-6.06	-	-	288	116	H
2	* 5.351	45.86	Pk	35	-19.9	0	60.96	-	-	74	-13.04	288	116	H
4	* 5.351	35.67	RMS	35	-19.9	.19	50.96	54	-3.04	-	-	288	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.63	Pk	35	-19.9	0	57.73	-	-	74	-16.27	62	106	V
3	* 5.35	32.65	RMS	35	-19.9	.19	47.97	54	-6.03	-	-	62	106	V
4	* 5.355	33.95	RMS	35	-19.9	.19	49.27	54	-4.73	-	-	62	106	V
2	* 5.357	45.95	Pk	35	-19.9	0	61.02	-	-	74	-12.95	62	106	V

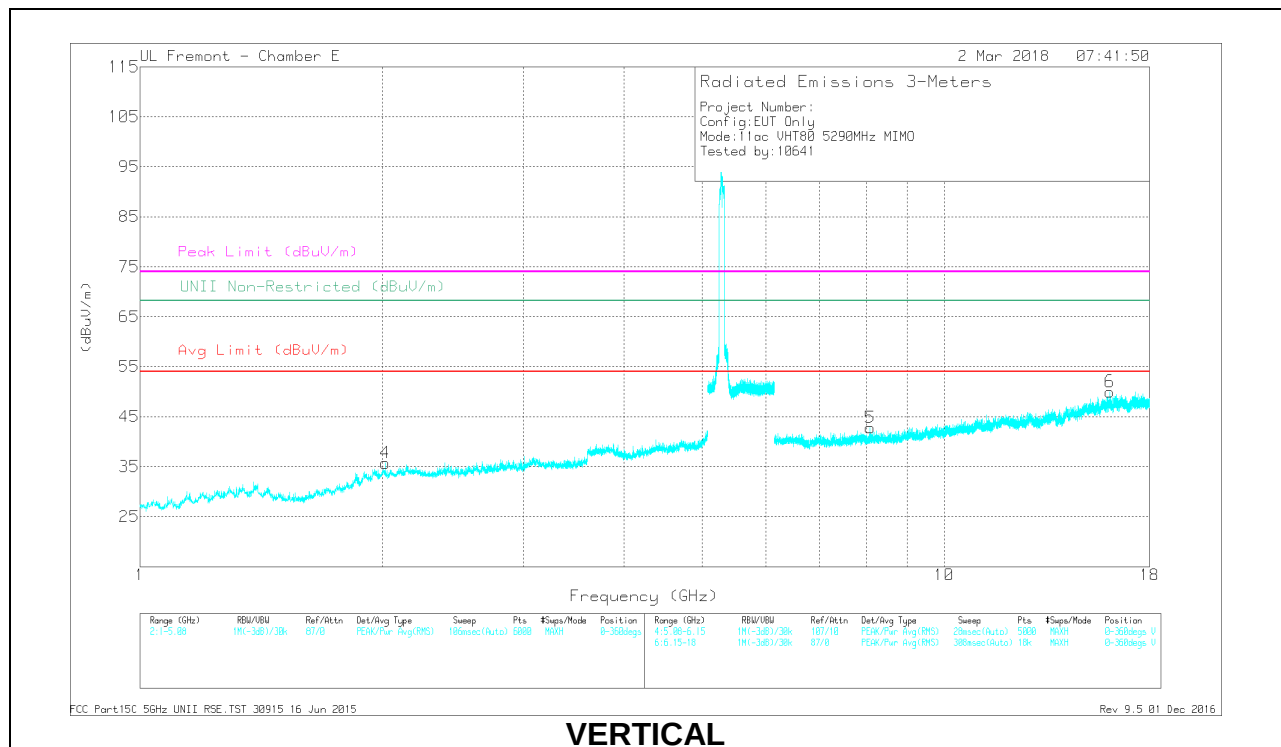
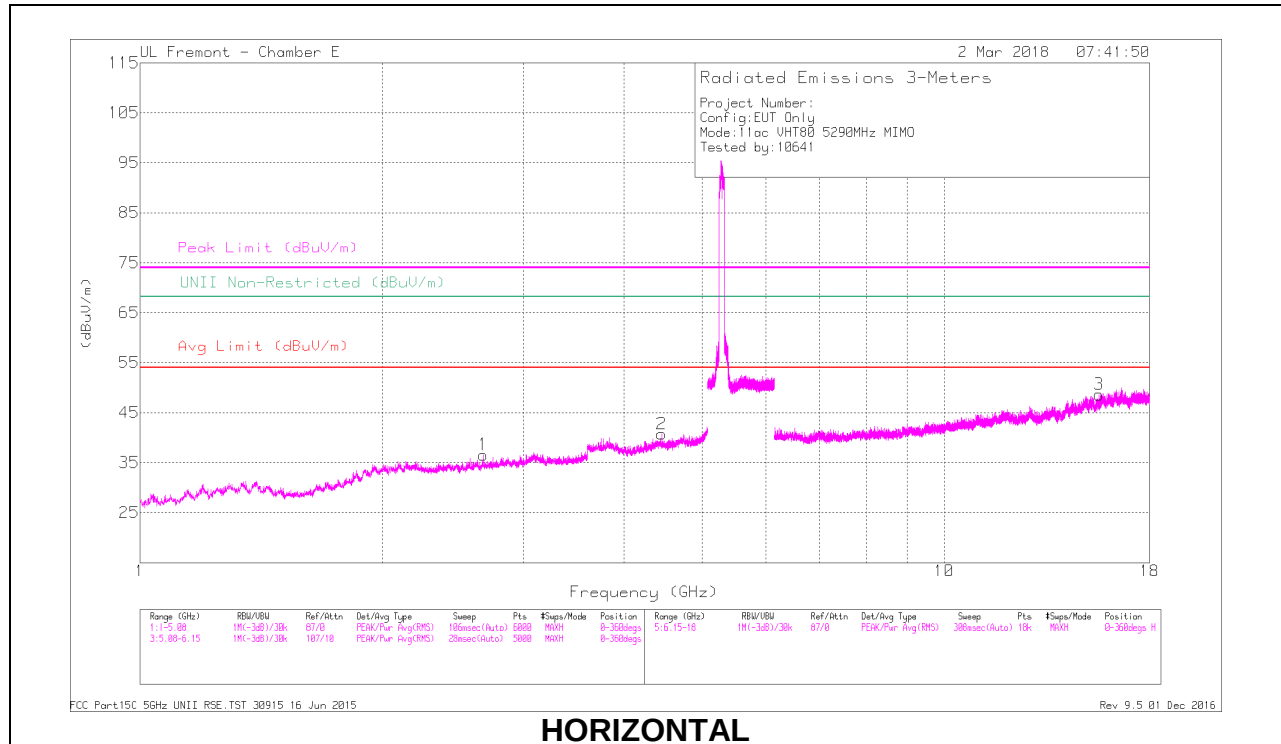
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.682	41.72	PK-U	32.4	-31.6	0	42.52	-	-	74	-31.48	-	-	190	306	H
	* 2.672	29.68	ADR	32.4	-31.4	0.19	30.87	54	-23.13	-	-	-	-	190	306	H
3	* 15.591	36.33	PK-U	40.7	-21.9	0	55.10	-	-	74	-18.87	-	-	222	126	H
	* 15.594	22.51	ADR	40.7	-22	0.19	41.40	54	-12.60	-	-	-	-	222	126	H
5	* 8.086	38.82	PK-U	36.5	-25.9	0	49.42	-	-	74	-24.58	-	-	281	110	V
	* 8.096	26.07	ADR	36.5	-26.1	0.19	36.66	54	-17.34	-	-	-	-	281	110	V
6	* 16.074	37.42	PK-U	41.6	-22.6	0	56.42	-	-	74	-17.58	-	-	344	121	V
	* 16.076	24.51	ADR	41.6	-22.6	0.19	43.70	54	-10.30	-	-	-	-	344	121	V
4	2.019	43.68	PK-U	32.1	-33.3	0	42.48	-	-	-	-	68.2	-25.72	283	136	V
2	4.449	42.18	PK-U	34.3	-29.8	0	46.68	-	-	-	-	68.2	-21.52	203	400	H

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

PK-U - U-NII: Maximum Peak

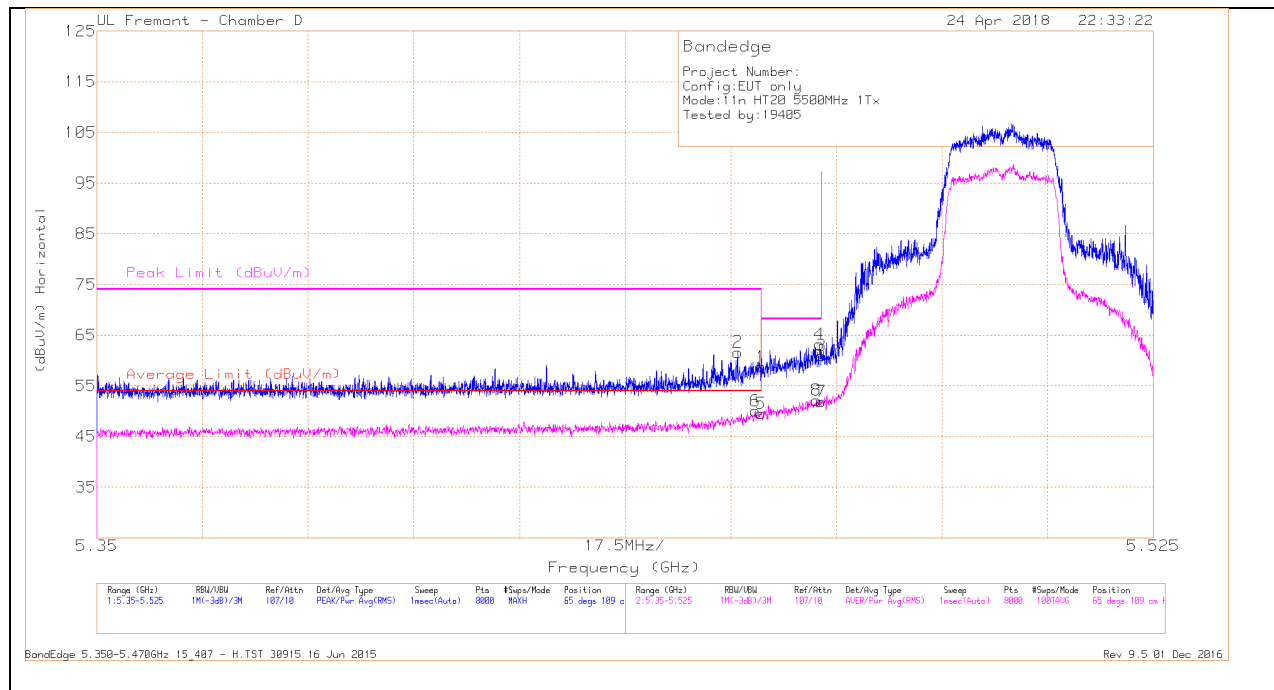
ADR - U-NII AD primary method, RMS average

9.1.7. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.38	Pk	34.9	-17.5	58.78	-	-	74	-15.22	65	109	H
2	* 5.456	44.35	Pk	34.9	-17.6	61.65	-	-	74	-12.35	65	109	H
5	* 5.46	32.17	RMS	34.9	-17.5	49.57	54	-4.43	-	-	65	109	H
6	* 5.459	32.67	RMS	34.9	-17.5	50.07	54	-3.93	-	-	65	109	H
8	5.469	34.74	RMS	34.9	-17.5	52.14	-	-	-	-	65	109	H
3	5.47	43.55	Pk	34.9	-17.5	60.95	-	-	68.2	-7.25	65	109	H
4	5.47	45.79	Pk	34.9	-17.5	63.19	-	-	68.2	-5.01	65	109	H
7	5.47	34.46	RMS	34.9	-17.5	51.86	-	-	-	-	65	109	H

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

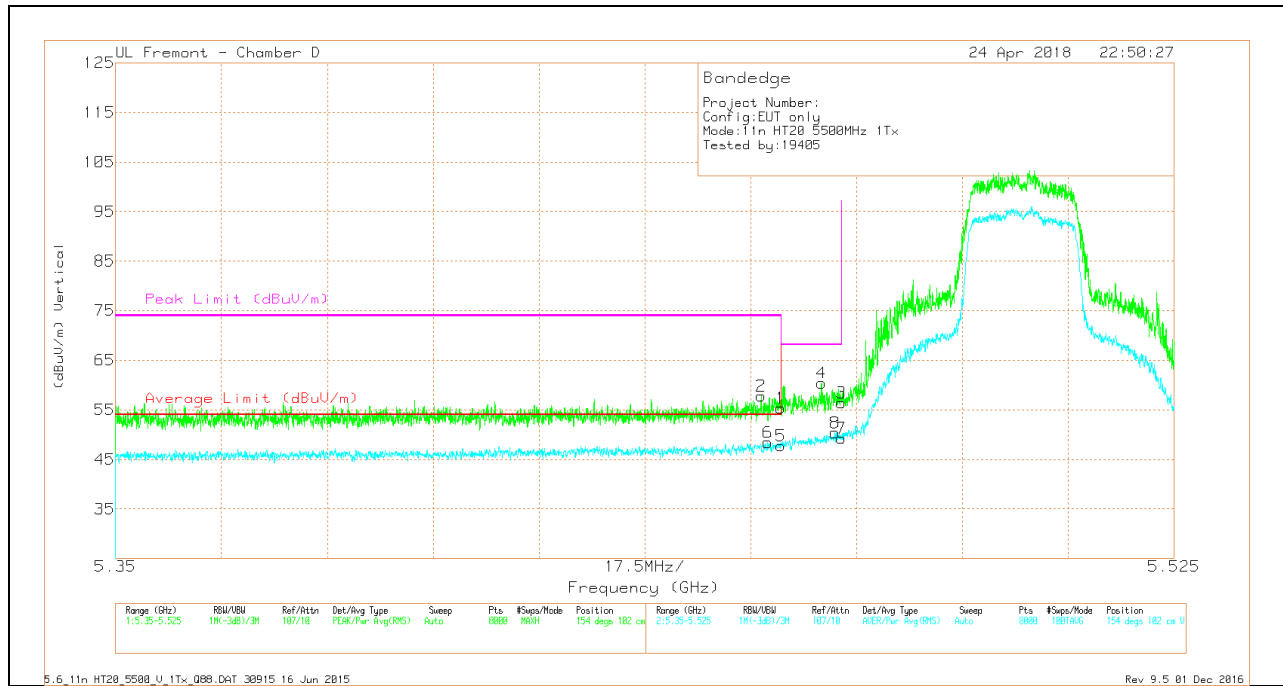
Pk - Peak detector

RMS - RMS detection

BandEdge 5.350-5.470GHz 15_407 - H.TST 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Rl tr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.99	Pk	34.9	-17.5	55.39	-	-	74	-18.61	154	102	V
2	* 5.457	40.49	Pk	34.9	-17.6	57.79	-	-	74	-16.21	154	102	V
5	* 5.46	30.34	RMS	34.9	-17.5	47.74	54	-6.26	-	-	154	102	V
6	* 5.458	31.11	RMS	34.9	-17.6	48.41	54	-5.59	-	-	154	102	V
4	5.467	43.02	Pk	34.9	-17.5	60.42	-	-	68.2	-7.78	154	102	V
8	5.469	32.98	RMS	34.9	-17.5	50.38	-	-	-	-	154	102	V
3	5.47	39.03	Pk	34.9	-17.5	56.43	-	-	68.2	-11.77	154	102	V
7	5.47	31.88	RMS	34.9	-17.5	49.28	-	-	-	-	154	102	V

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

Pk - Peak detector

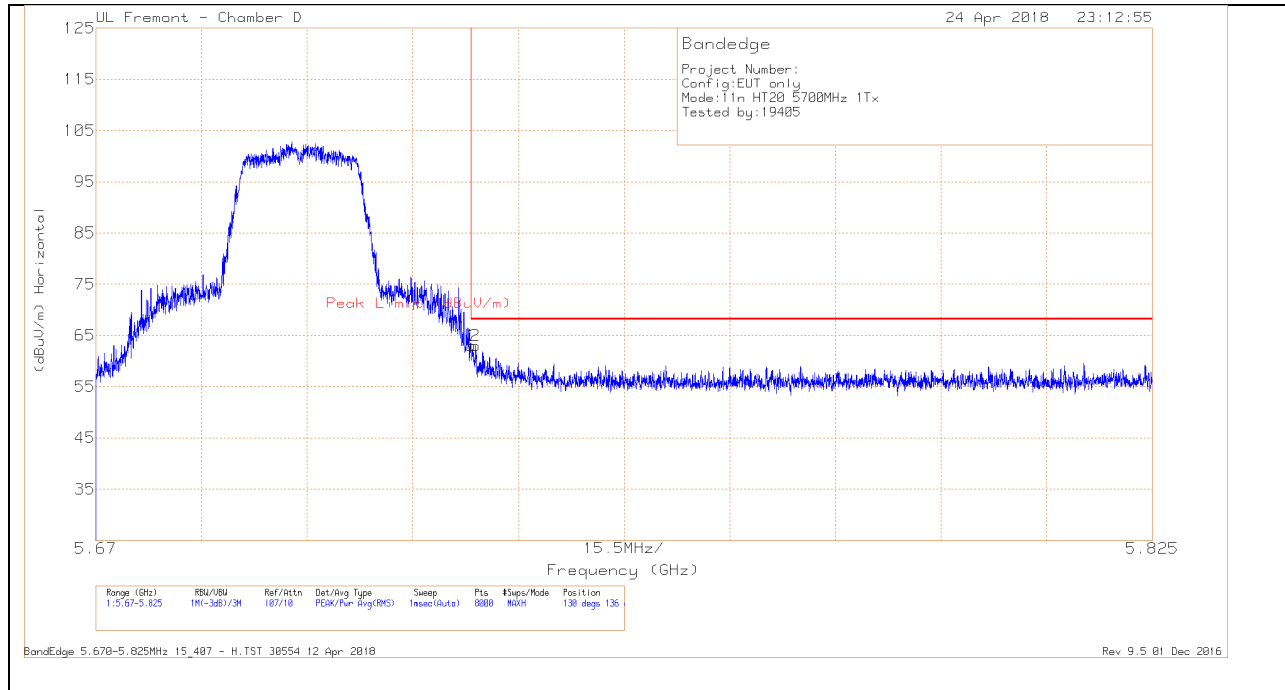
RMS - RMS detection

5.6_11n HT20_5500_V_1Tx_Q88.DAT 30915 16 Jun 2015

Rev 9.5.01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.51	Pk	35.6	-17.1	63.01	68.2	-5.19	130	136	H
2	5.726	44.46	Pk	35.6	-17.1	62.96	68.2	-5.24	130	136	H

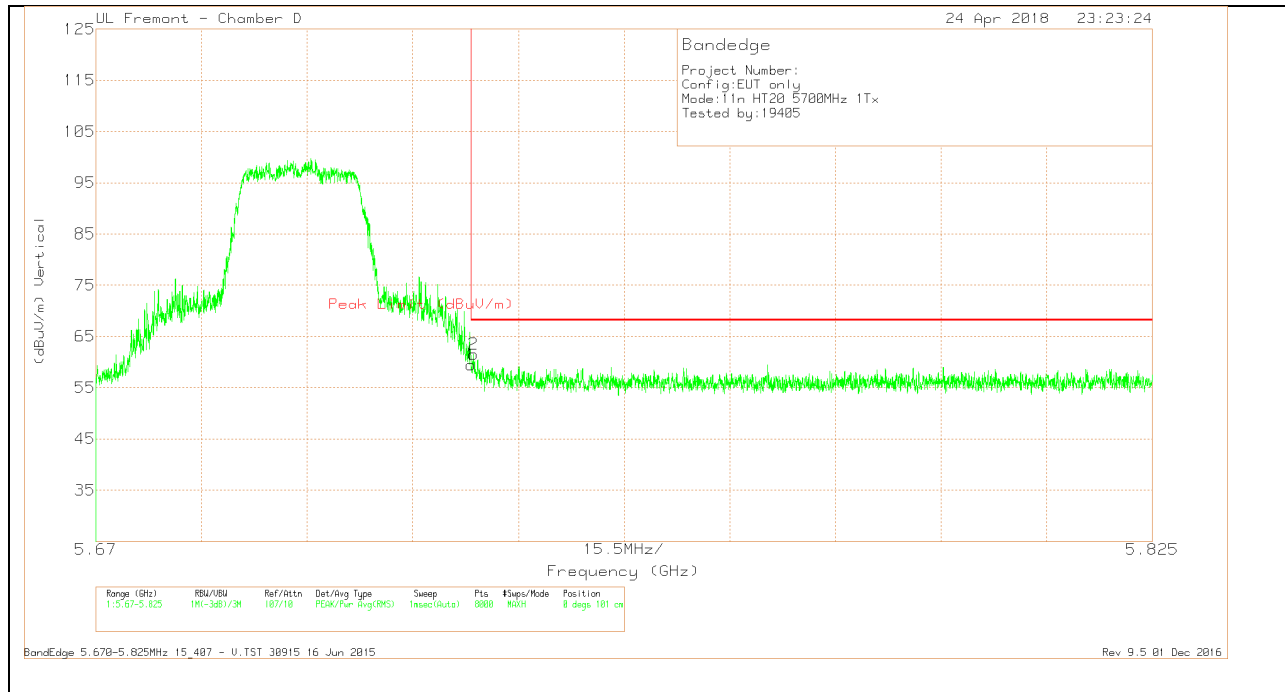
Pk - Peak detector

BandEdge 5.670-5.825MHz 15_407 - H.TST 30554 12 Apr 2018

Rev 9.5 01 Dec 2016

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.91	Pk	35.6	-17.1	59.41	68.2	-8.79	0	101	V
2	5.725	43	Pk	35.6	-17.1	61.5	68.2	-6.7	0	101	V

Pk - Peak detector

BandEdge 5.670-5.825MHz 15_407 - V.TST 30915 16 Jun 2015

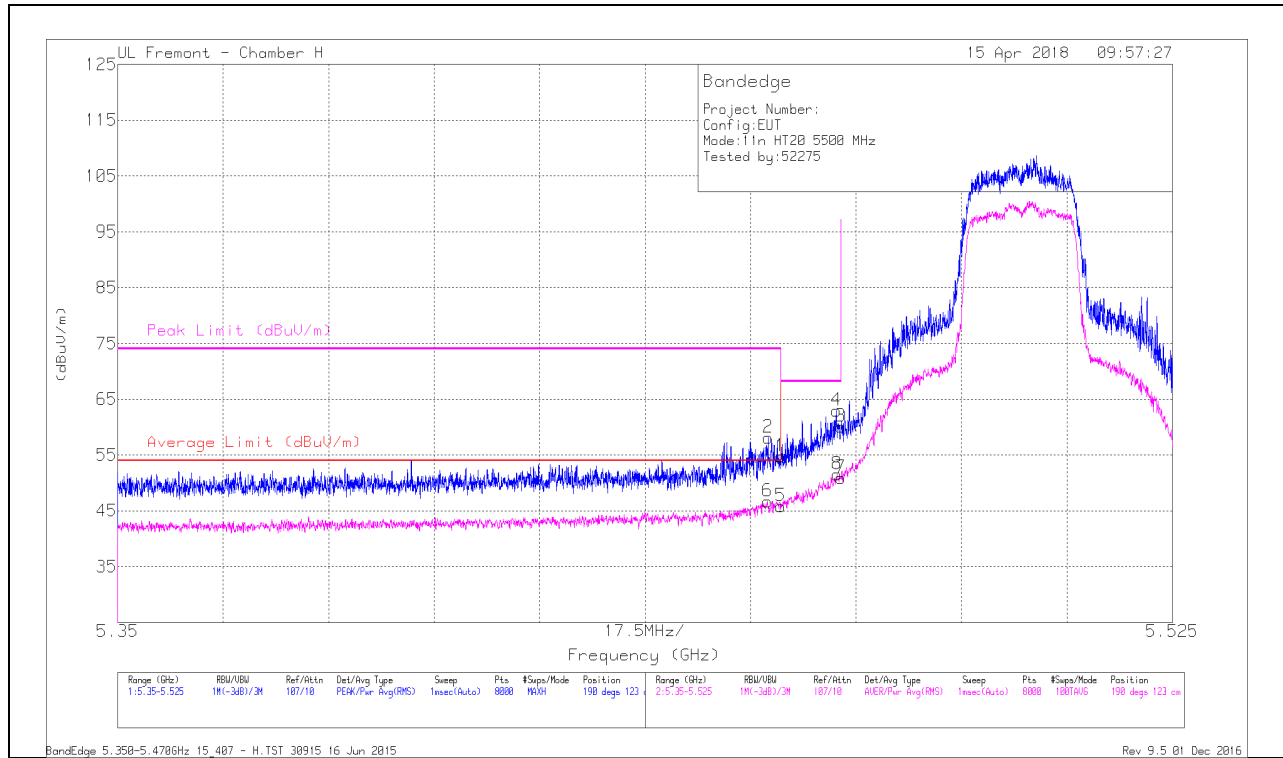
Rev 9.5 01 Dec 2016

Pk - Peak detector

1TX Antenna 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



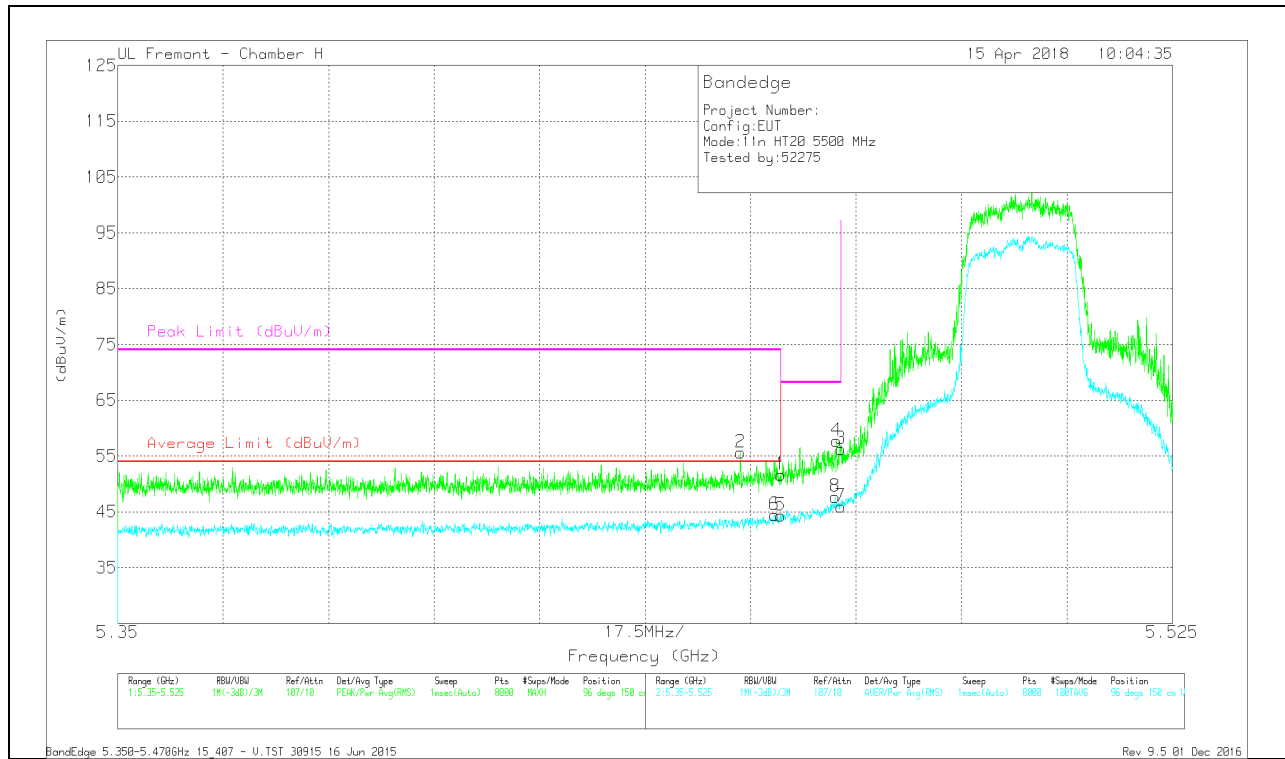
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.458	47.22	Pk	34.7	-23.8	58.12	-	-	74	-15.88	190	123	H
6	* 5.458	35.81	RMS	34.7	-23.8	46.71	54	-7.29	-	-	190	123	H
1	* 5.46	43.82	Pk	34.7	-23.8	54.72	-	-	74	-19.28	190	123	H
5	* 5.46	34.89	RMS	34.7	-23.8	45.79	54	-8.21	-	-	190	123	H
4	5.469	52.03	Pk	34.7	-23.8	62.93	-	-	68.2	-5.27	190	123	H
8	5.469	40.64	RMS	34.7	-23.8	51.54	-	-	-	-	190	123	H
3	5.47	49.22	Pk	34.7	-23.8	60.12	-	-	68.2	-8.08	190	123	H
7	5.47	39.97	RMS	34.7	-23.8	50.87	-	-	-	-	190	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl /Fitr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.453	44.68	Pk	34.7	-23.8	55.58	-	-	74	-18.42	96	150	V
6	* 5.459	33.59	RMS	34.7	-23.8	44.49	54	-9.51	-	-	96	150	V
1	* 5.46	40.74	Pk	34.7	-23.8	51.64	-	-	74	-22.36	96	150	V
5	* 5.46	33.47	RMS	34.7	-23.8	44.37	54	-9.63	-	-	96	150	V
4	5.469	46.83	Pk	34.7	-23.8	57.73	-	-	68.2	-10.47	96	150	V
8	5.469	36.76	RMS	34.7	-23.8	47.66	-	-	-	-	96	150	V
3	5.47	45.33	Pk	34.7	-23.8	56.23	-	-	68.2	-11.97	96	150	V
7	5.47	35.01	RMS	34.7	-23.8	45.91	-	-	-	-	96	150	V

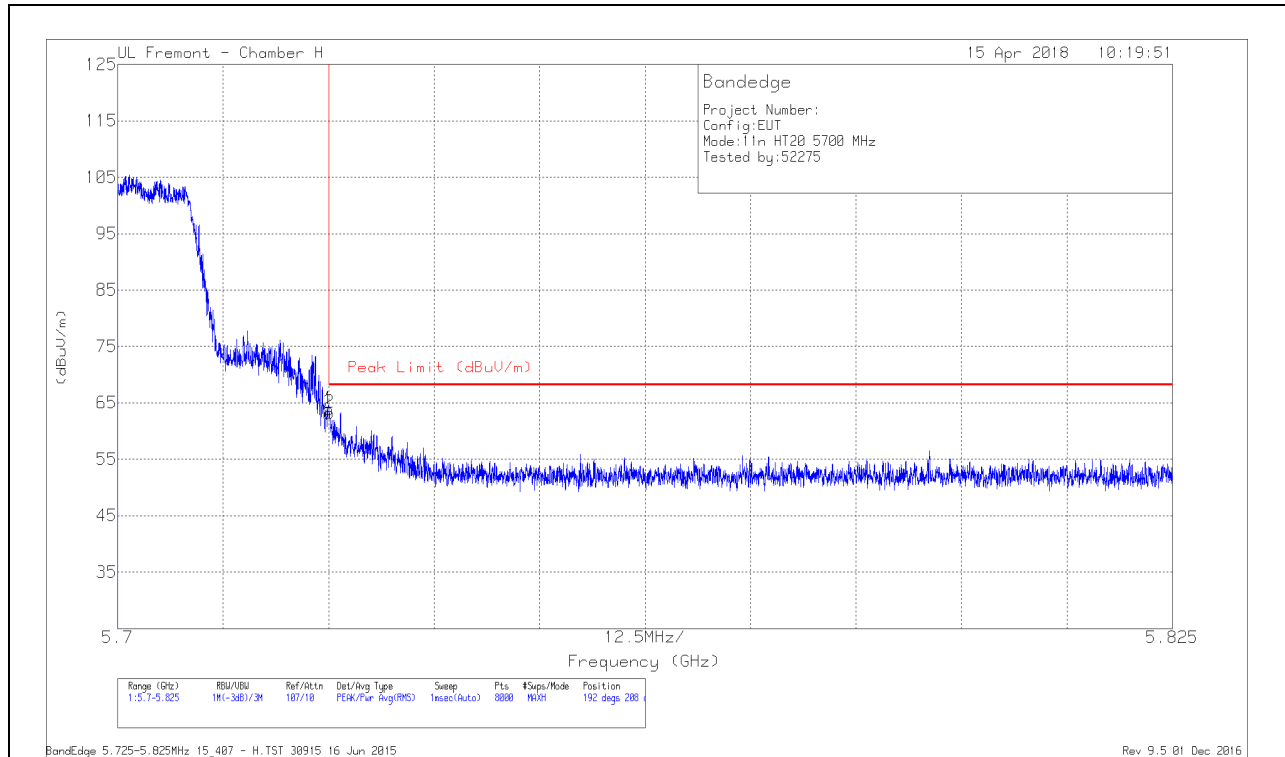
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

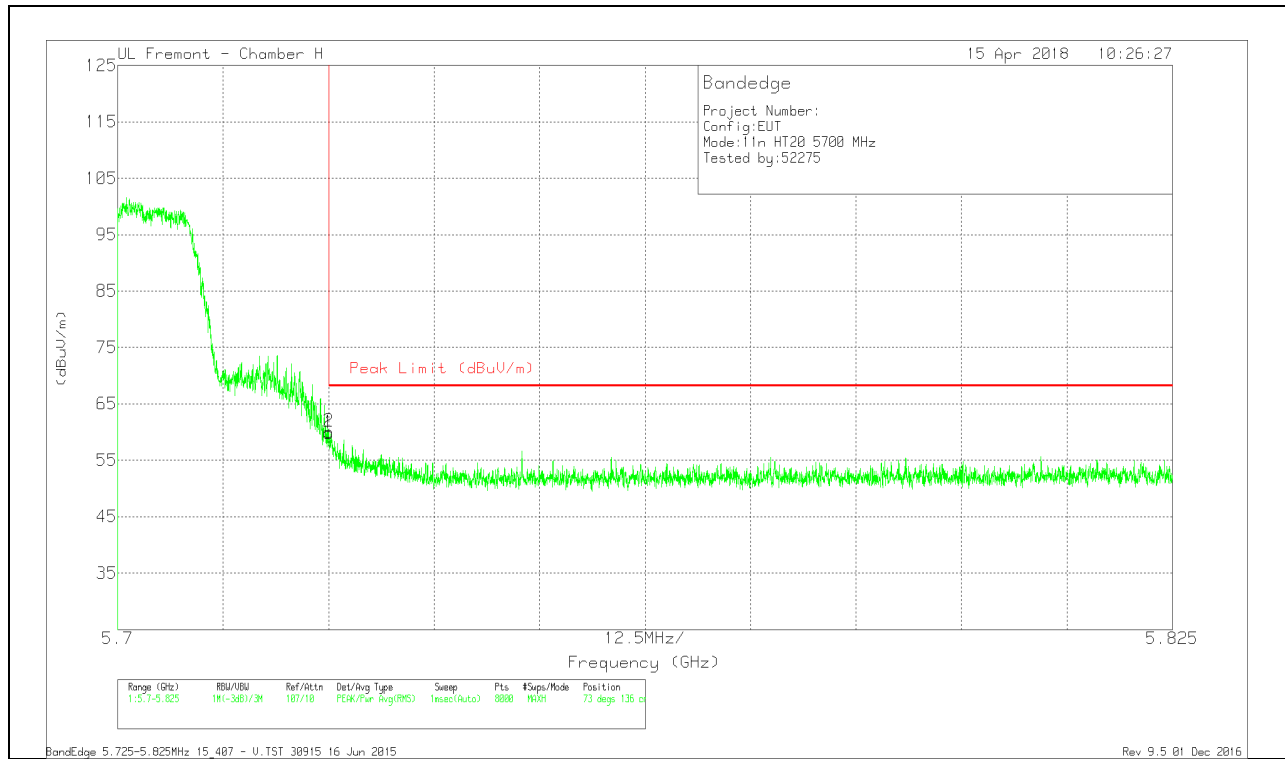
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	52.25	Pk	35.1	-23.5	63.85	68.2	-4.35	192	208	H
2	5.725	51.69	Pk	35.1	-23.5	63.29	68.2	-4.91	192	208	H

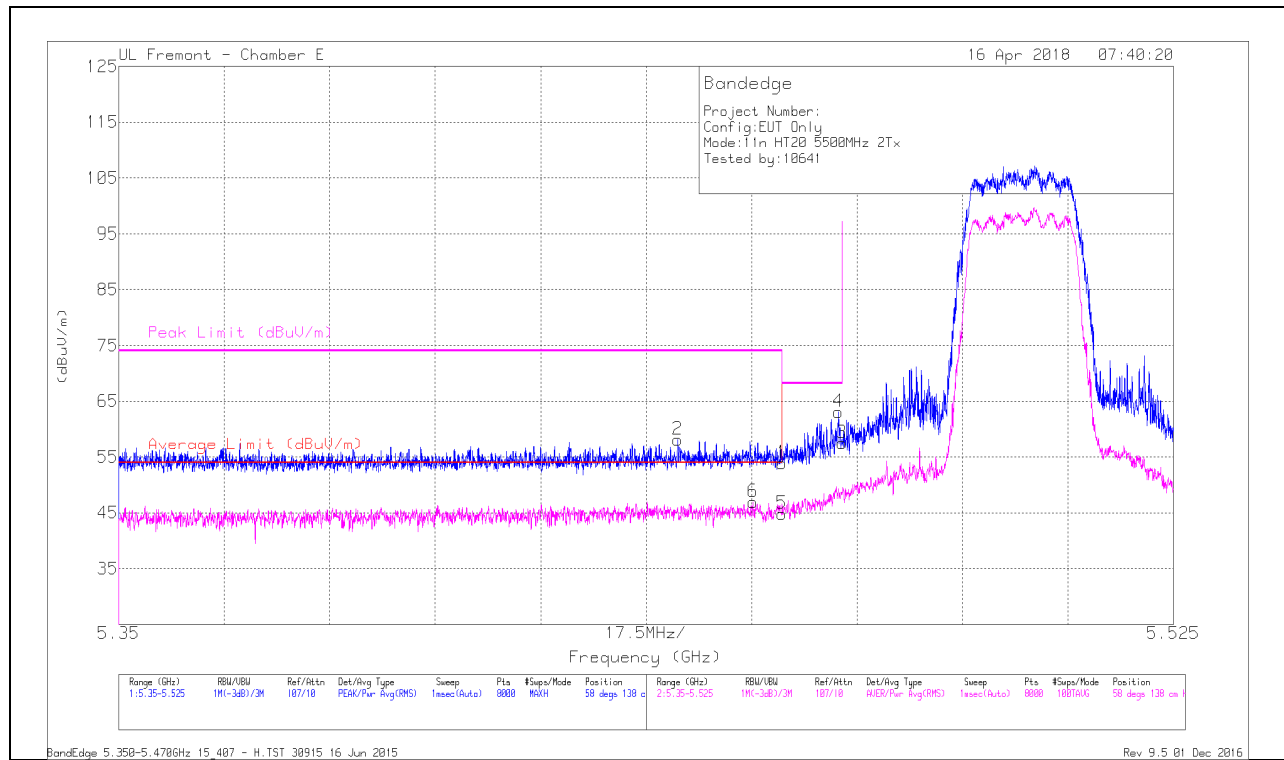
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.19	Pk	35.1	-23.5	59.79	68.2	-8.41	73	136	V
2	5.725	48.44	Pk	35.1	-23.5	60.04	68.2	-8.16	73	136	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

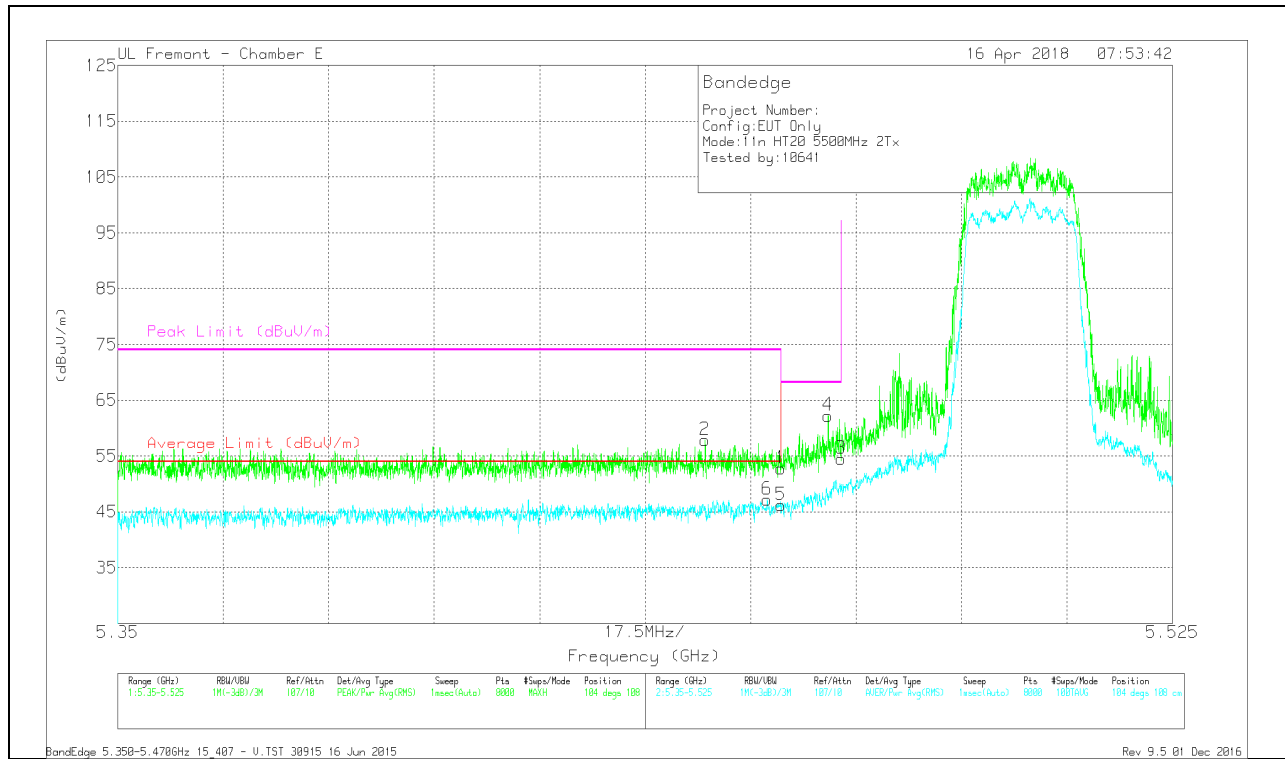
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.443	42.99	Pk	35.1	-20	58.09	-	-	74	-15.91	58	138	H
6	* 5.455	31.77	RMS	35.1	-19.9	46.97	54	-7.03	-	-	58	138	H
1	* 5.46	38.68	Pk	35.1	-19.9	53.88	-	-	74	-20.12	58	138	H
5	* 5.46	29.64	RMS	35.1	-19.9	44.84	54	-9.16	-	-	58	138	H
4	5.469	47.73	Pk	35.1	-19.8	63.03	-	-	68.2	-5.17	58	138	H
3	5.47	42.2	Pk	35.1	-19.8	57.5	-	-	68.2	-10.7	58	138	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.447	42.66	Pk	35.1	-19.9	57.86	-	-	74	-16.14	104	108	V
6	* 5.458	32.04	RMS	35.1	-19.9	47.24	54	-6.76	-	-	104	108	V
1	* 5.46	37.61	Pk	35.1	-19.9	52.81	-	-	74	-21.19	104	108	V
5	* 5.46	31.04	RMS	35.1	-19.9	46.24	54	-7.76	-	-	104	108	V
4	5.468	47.07	Pk	35.1	-19.9	62.27	-	-	68.2	-5.93	104	108	V
3	5.47	39.25	Pk	35.1	-19.8	54.55	-	-	68.2	-13.65	104	108	V

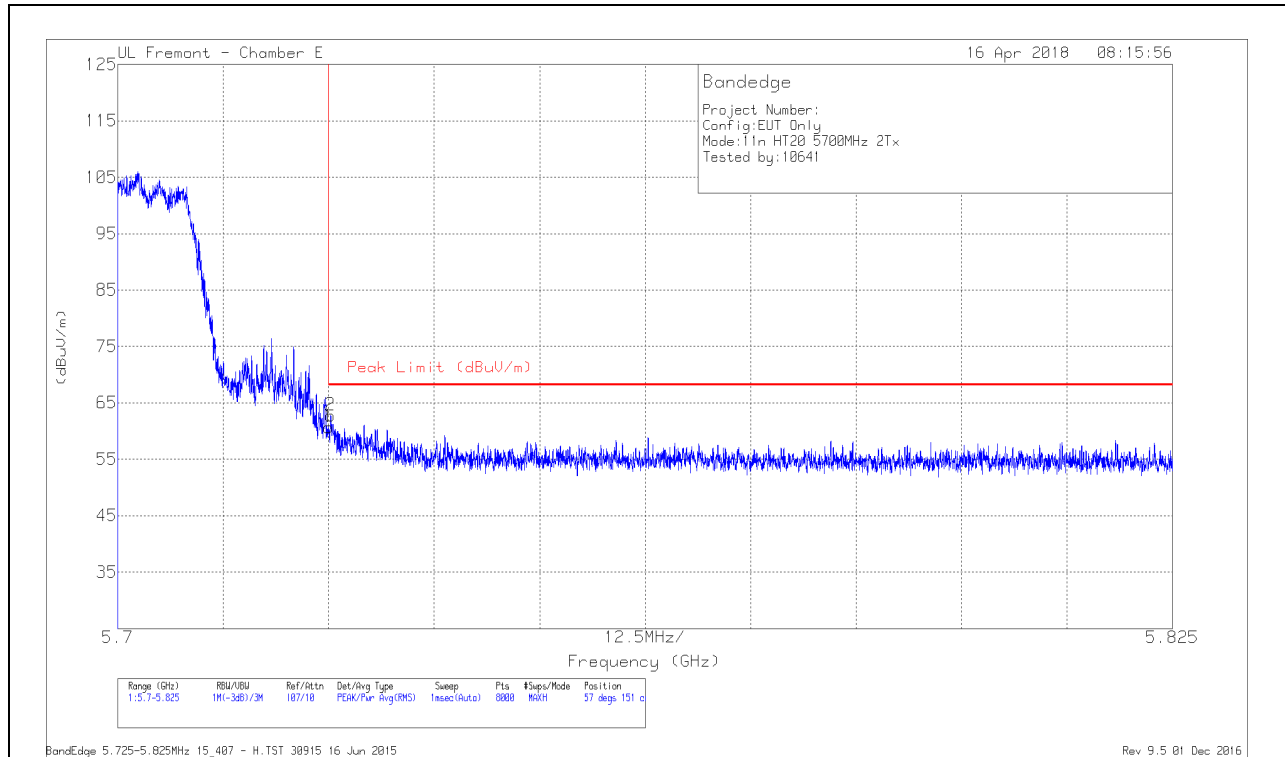
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

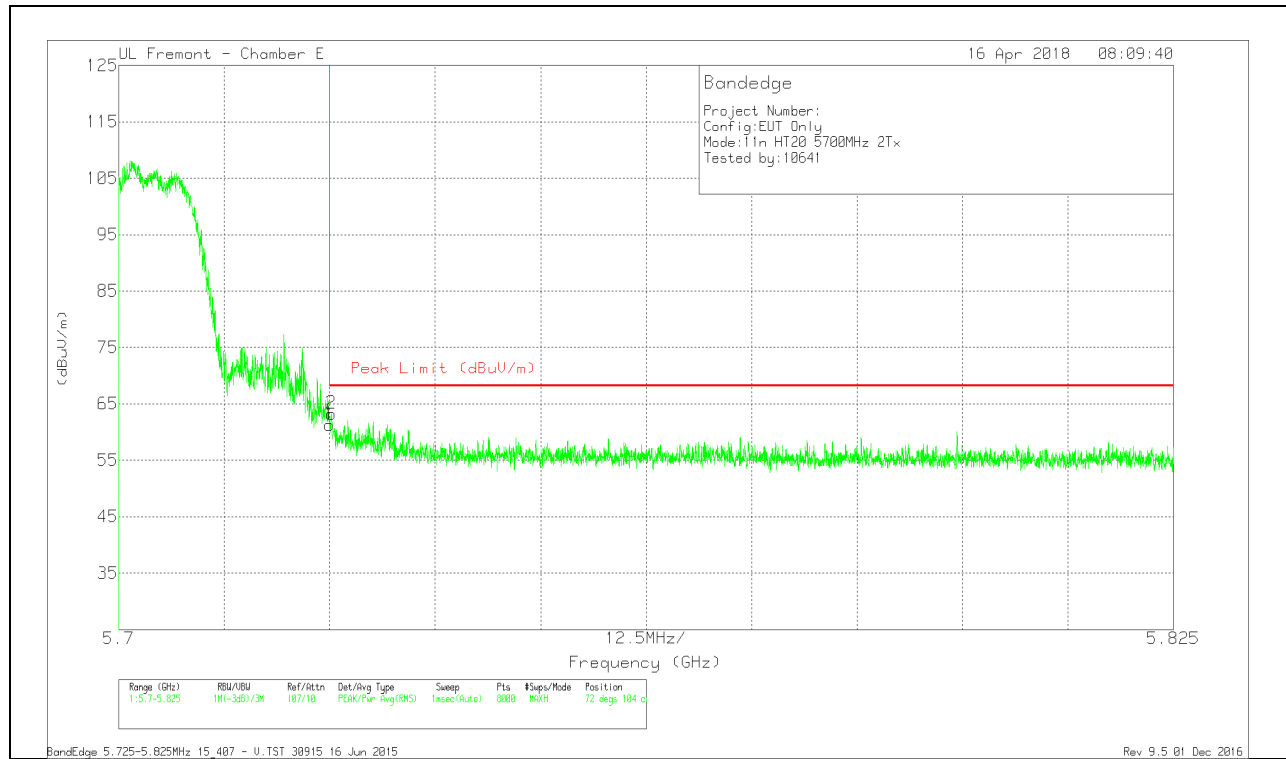
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.02	Pk	35.1	-19.4	60.72	68.2	-7.48	57	151	H
2	5.725	47.12	Pk	35.1	-19.4	62.82	68.2	-5.38	57	151	H

Pk - Peak detector

VERTICAL RESULT

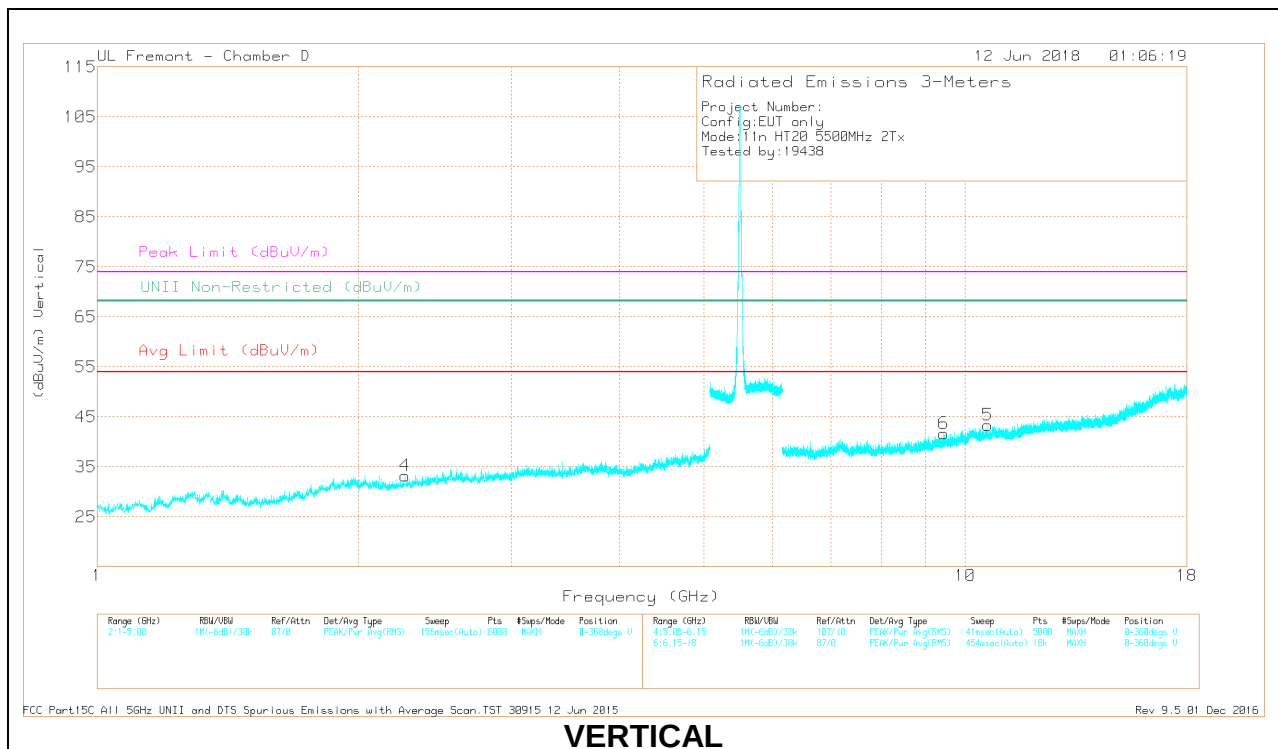
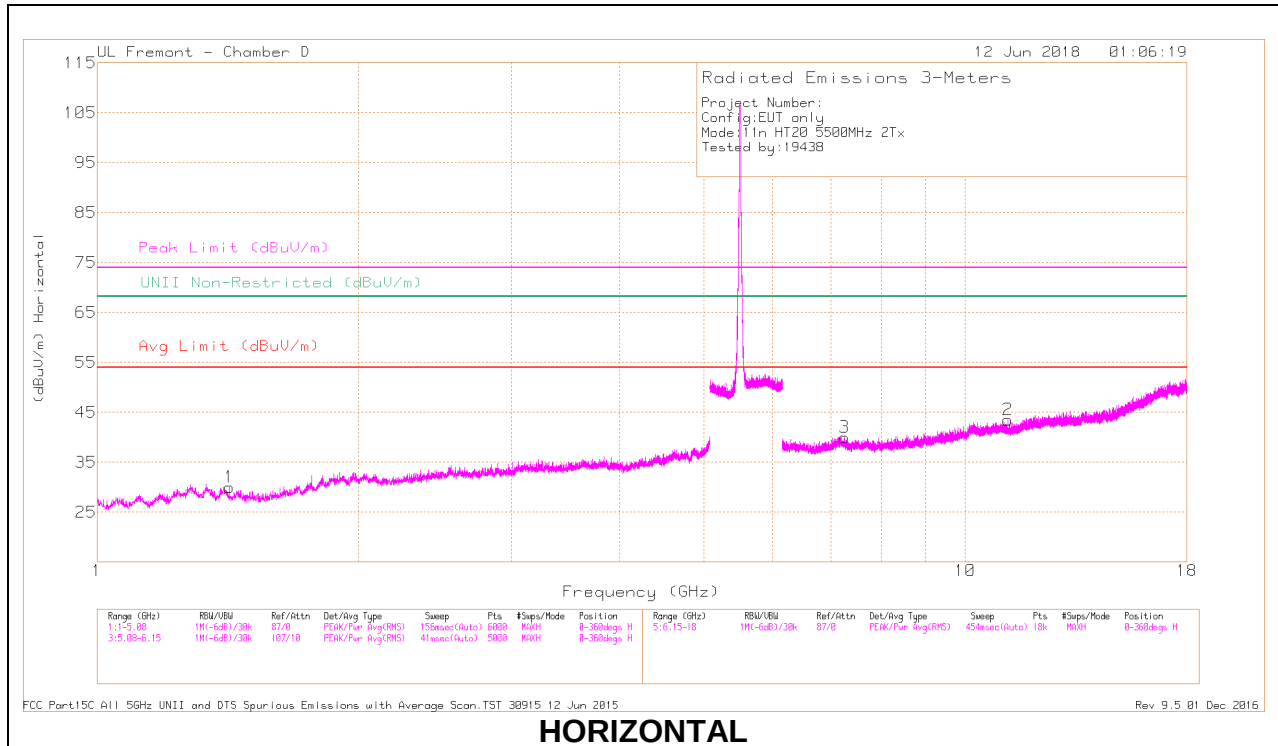


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.64	Pk	35.1	-19.4	61.34	68.2	-6.86	72	104	V
2	5.725	47.52	Pk	35.1	-19.4	63.22	68.2	-4.98	72	104	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

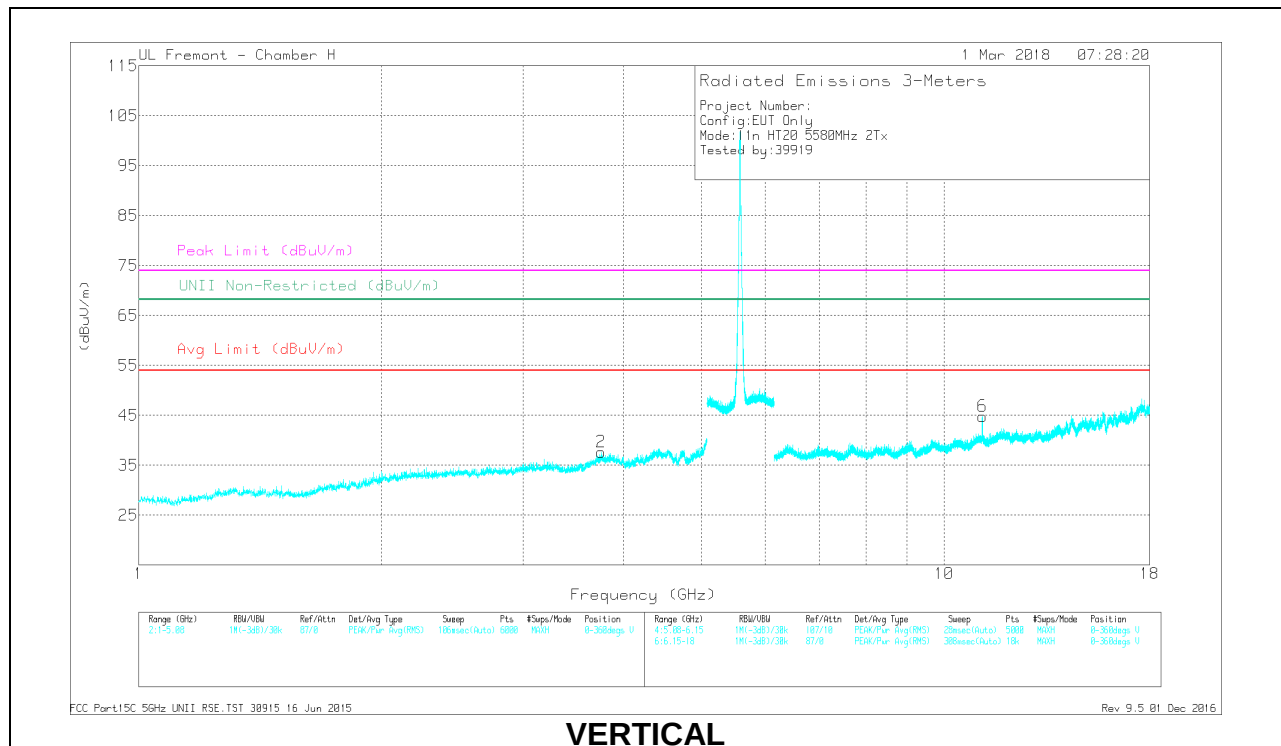
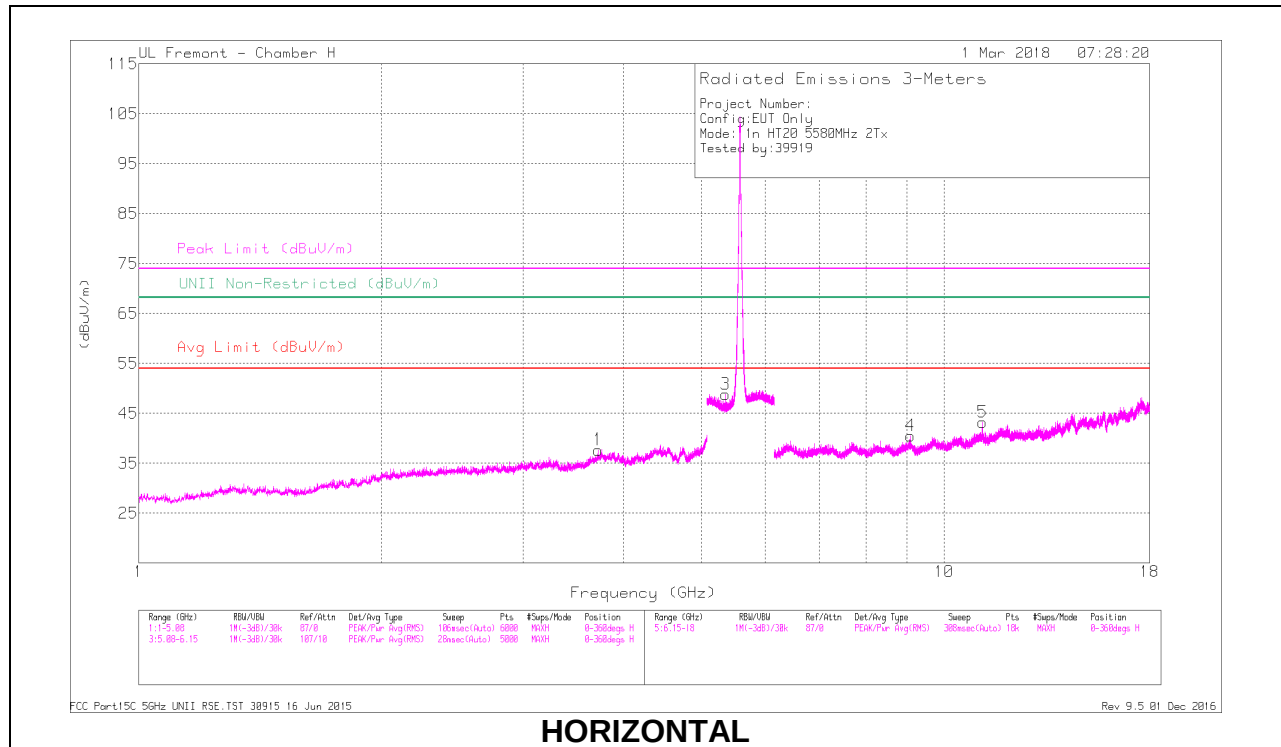
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.422	37.91	PK-U	28.6	-31.1	35.41	-	-	74	-38.59	93	153	H
	* 1.419	26.65	ADR	28.7	-31.2	24.15	54	-29.85	-	-	93	153	H
4	* 2.257	38.58	PK-U	31.5	-30.6	39.48	-	-	74	-34.52	138	214	V
	* 2.252	26.61	ADR	31.5	-30.5	27.61	54	-26.39	-	-	138	214	V
2	* 11.2	31.74	PK-U	37.8	-20.7	48.84	-	-	74	-25.16	183	159	H
	* 11.181	20.69	ADR	37.8	-20.7	37.79	54	-16.21	-	-	183	159	H
3	* 7.262	34.97	PK-U	36.2	-24	47.17	-	-	74	-26.83	268	299	H
	* 7.261	22.32	ADR	36.2	-24	34.52	54	-19.48	-	-	268	299	H
5	* 10.614	31.43	PK-U	37.7	-20.7	48.43	-	-	74	-25.57	194	241	V
	* 10.615	20.66	ADR	37.7	-20.7	37.66	54	-16.34	-	-	194	241	V
6	* 9.449	31.2	PK-U	36.6	-21	46.8	-	-	74	-27.2	278	397	V
	* 9.43	20.7	ADR	36.6	-21.4	35.9	54	-18.1	-	-	278	397	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

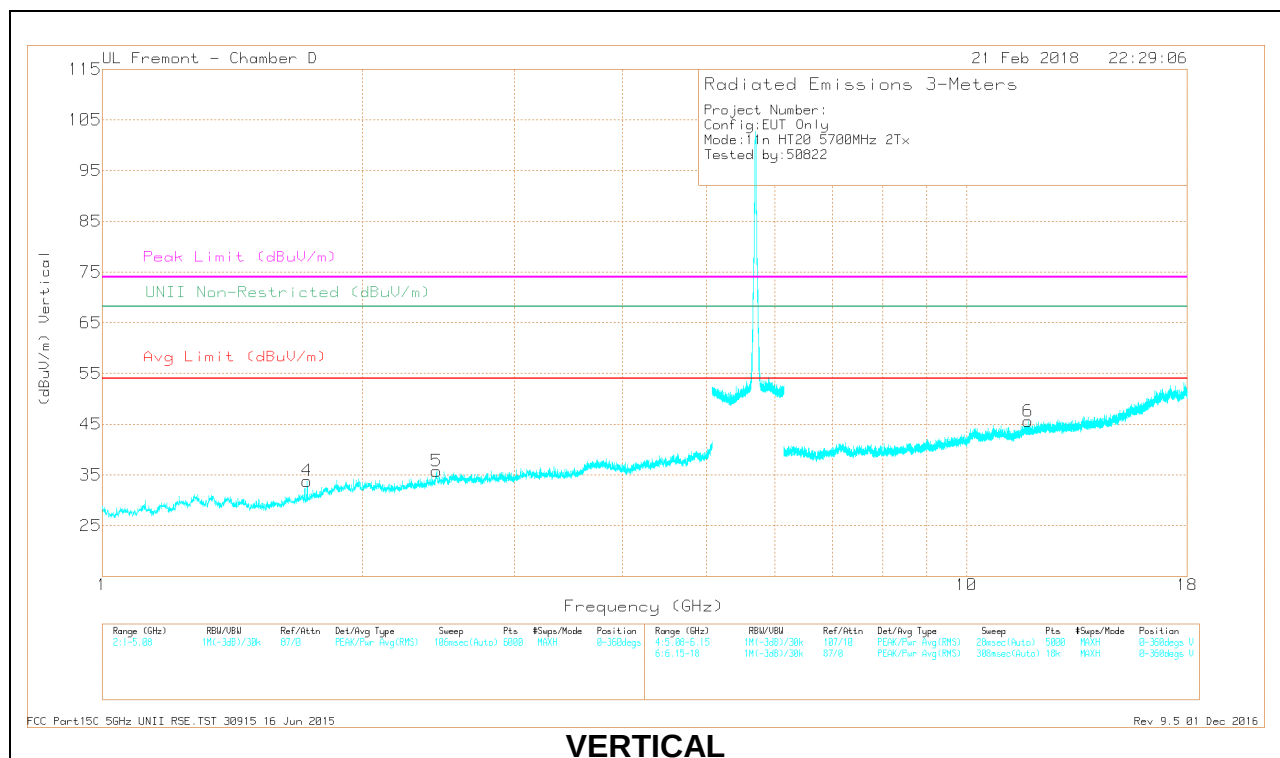
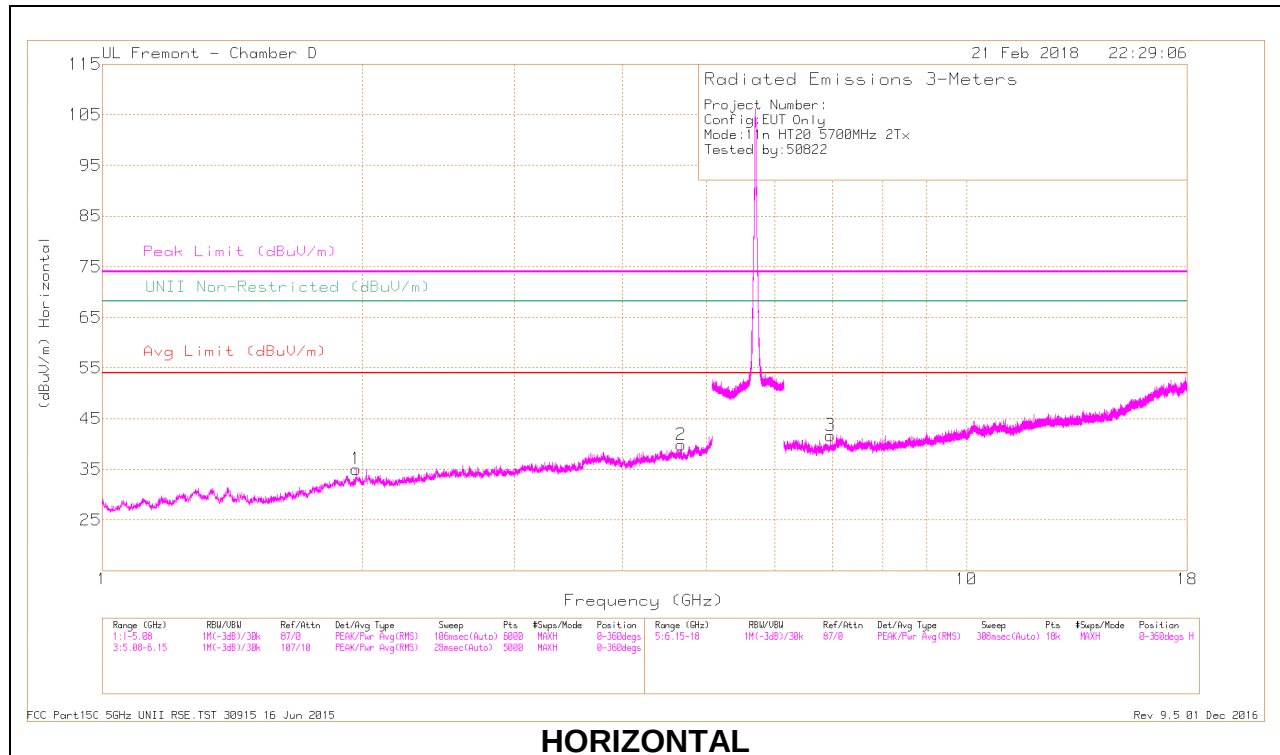
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.718	46.18	PK-U	33	-35.6	43.58	-	-	74	-30.42	-	-	34	114	H
	* 3.72	34.6	ADR	33	-35.6	32	54	-22	-	-	-	-	34	114	H
2	* 3.749	45.88	PK-U	33.1	-35.3	43.68	-	-	74	-30.32	-	-	236	129	V
	* 3.749	34.37	ADR	33.1	-35.3	32.17	54	-21.83	-	-	-	-	236	129	V
3	* 5.356	43.99	PK-U	34.6	-24.2	54.39	-	-	74	-19.61	-	-	106	288	H
	* 5.355	31.71	ADR	34.6	-24.3	42.01	54	-11.99	-	-	-	-	106	288	H
4	* 9.093	37.39	PK-U	36.6	-28.7	45.29	-	-	74	-28.71	-	-	194	133	H
	* 9.092	26.19	ADR	36.6	-28.7	34.09	54	-19.91	-	-	-	-	194	133	H
5	* 11.16	38.07	PK-U	38.2	-26.8	49.47	-	-	74	-24.53	-	-	243	264	H
	* 11.159	26.17	ADR	38.2	-26.8	37.57	54	-16.43	-	-	-	-	243	264	H
6	* 11.158	39.96	PK-U	38.2	-26.8	51.36	-	-	74	-22.64	-	-	290	104	V
	* 11.16	27.95	ADR	38.2	-26.8	39.35	54	-14.65	-	-	-	-	290	104	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

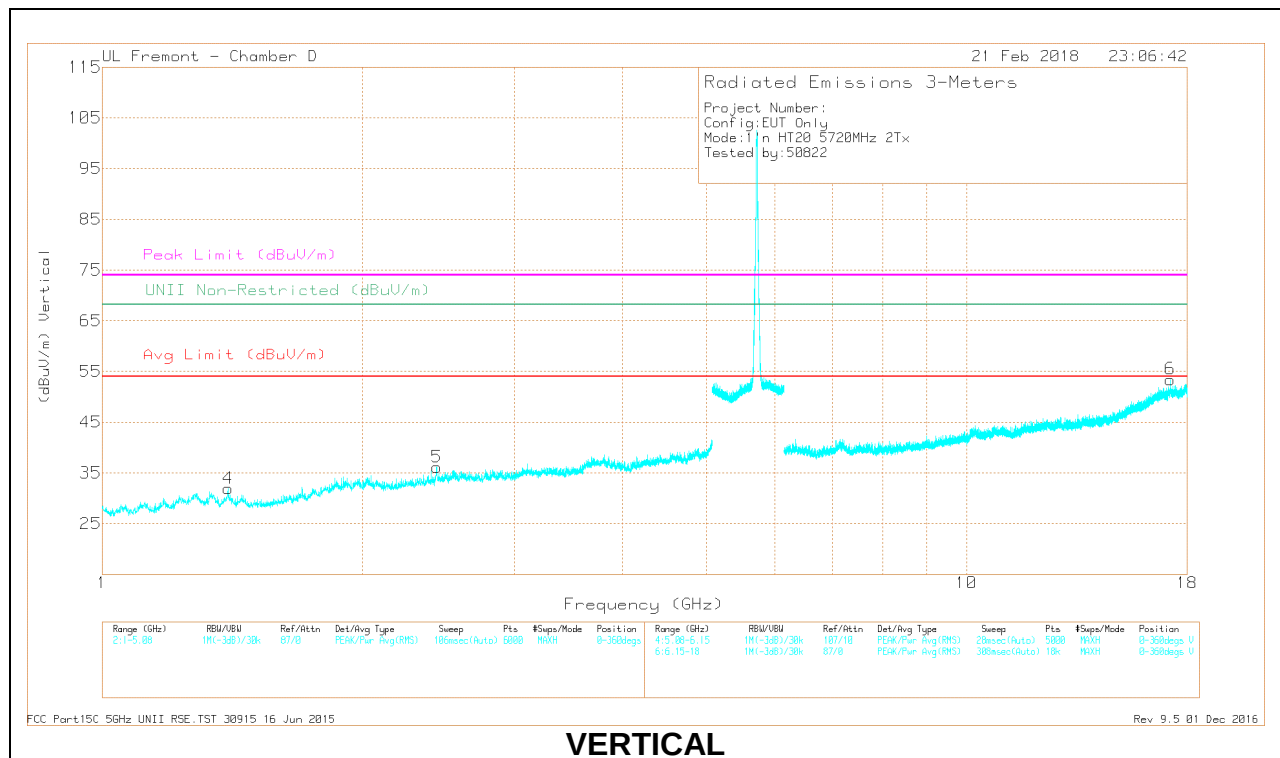
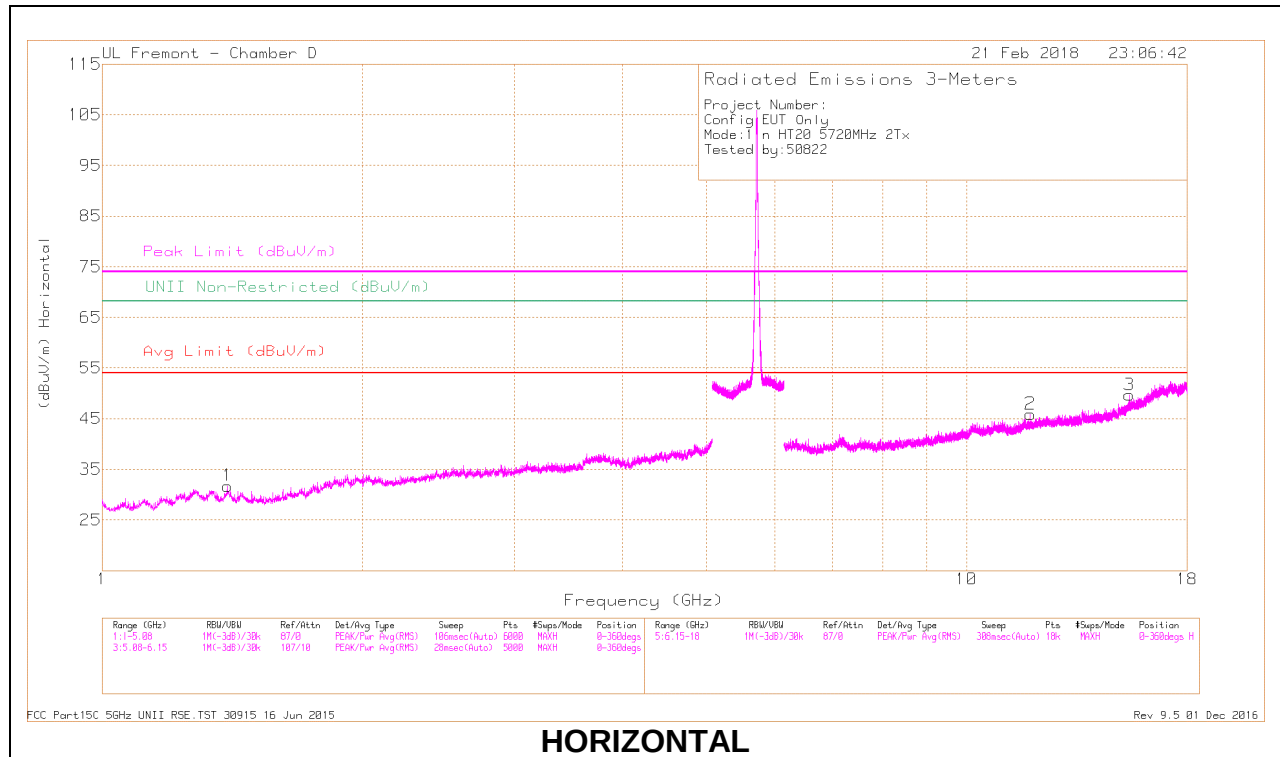
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.673	38.01	PK-U	34.6	-27.6	45.01	-	-	74	-28.99	-	-	0	102	H
	* 4.676	26.59	ADR	34.6	-27.6	33.59	54	-20.41	-	-	-	-	0	102	H
6	* 11.792	34.43	PK-U	38.6	-20.7	52.33	-	-	74	-21.67	-	-	332	109	V
	* 11.792	21.84	ADR	38.6	-20.7	39.74	54	-14.26	-	-	-	-	332	109	V
4	1.726	39.79	PK-U	29.3	-30.8	38.29	-	-	-	-	68.2	-29.91	43	102	V
1	1.967	40.96	PK-U	31.4	-30.6	41.76	-	-	-	-	68.2	-26.44	151	400	H
5	2.439	43.07	PK-U	32.2	-30.4	44.87	-	-	-	-	68.2	-23.33	158	102	V
3	6.956	36.84	PK-U	36.2	-25.1	47.94	-	-	-	-	68.2	-20.26	169	339	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

CHANNEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filtr/P ad (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	* 1.398	41.2	PK-U	28.8	-30.9	39.1	-	-	74	-34.9	-	-	134	109	H
	* 1.397	28.98	ADR	28.8	-30.9	26.88	54	-27.12	-	-	-	-	134	109	H
4	* 1.397	40.98	PK-U	28.8	-30.9	38.88	-	-	74	-35.12	-	-	0	103	V
	* 1.398	28.99	ADR	28.8	-30.9	26.89	54	-27.11	-	-	-	-	0	103	V
2	* 11.856	33.91	PK-U	38.7	-20.7	51.91	-	-	74	-22.09	-	-	181	102	H
	* 11.855	21.98	ADR	38.7	-20.7	39.98	54	-14.02	-	-	-	-	181	102	H
3	* 15.429	34.51	PK-U	40.7	-20.3	54.91	-	-	74	-19.09	-	-	66	165	H
	* 15.43	22.8	ADR	40.7	-20.3	43.2	54	-10.8	-	-	-	-	66	165	H
5	2.438	41.87	PK-U	32.2	-30.4	43.67	-	-	-	-	68.2	-24.53	104	164	V
6	17.211	33.45	PK-U	41.8	-16.2	59.05	-	-	-	-	68.2	-9.15	356	102	V

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

PK-U - U-NII: Maximum Peak

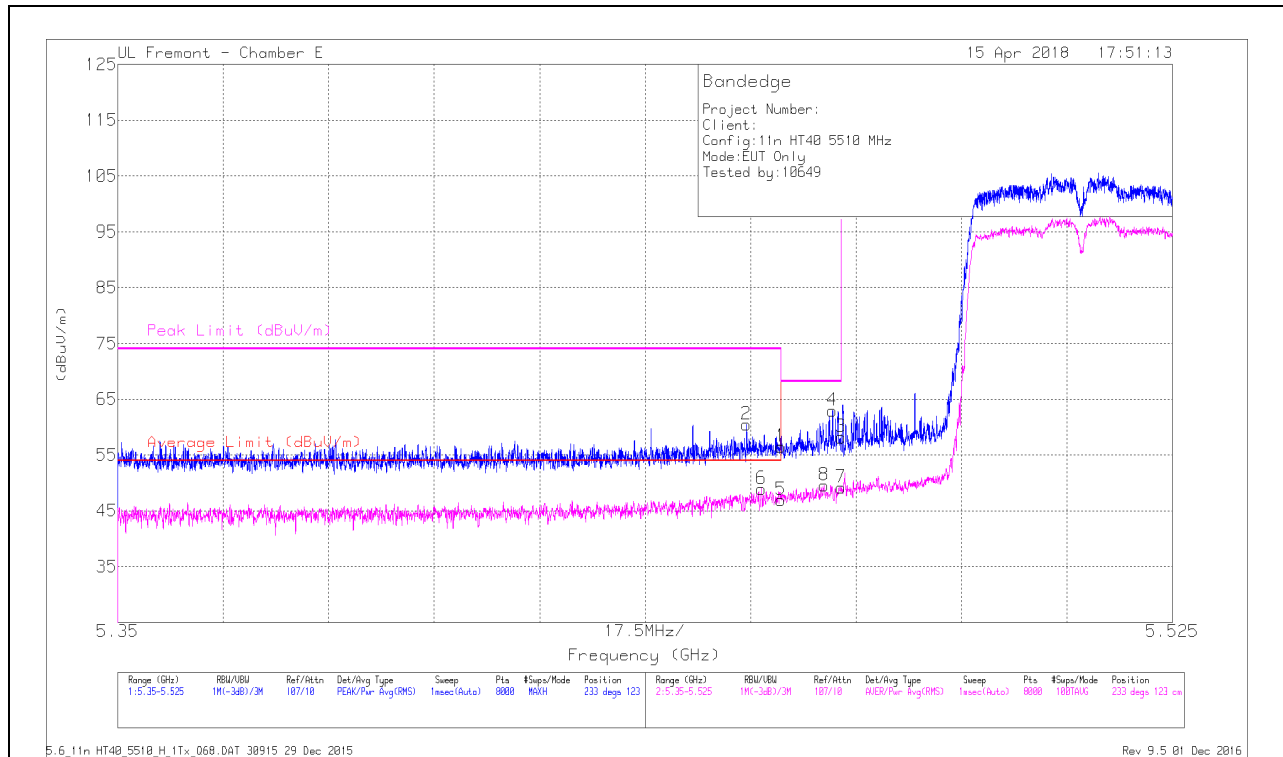
ADR - U-NII AD primary method, RMS average

9.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



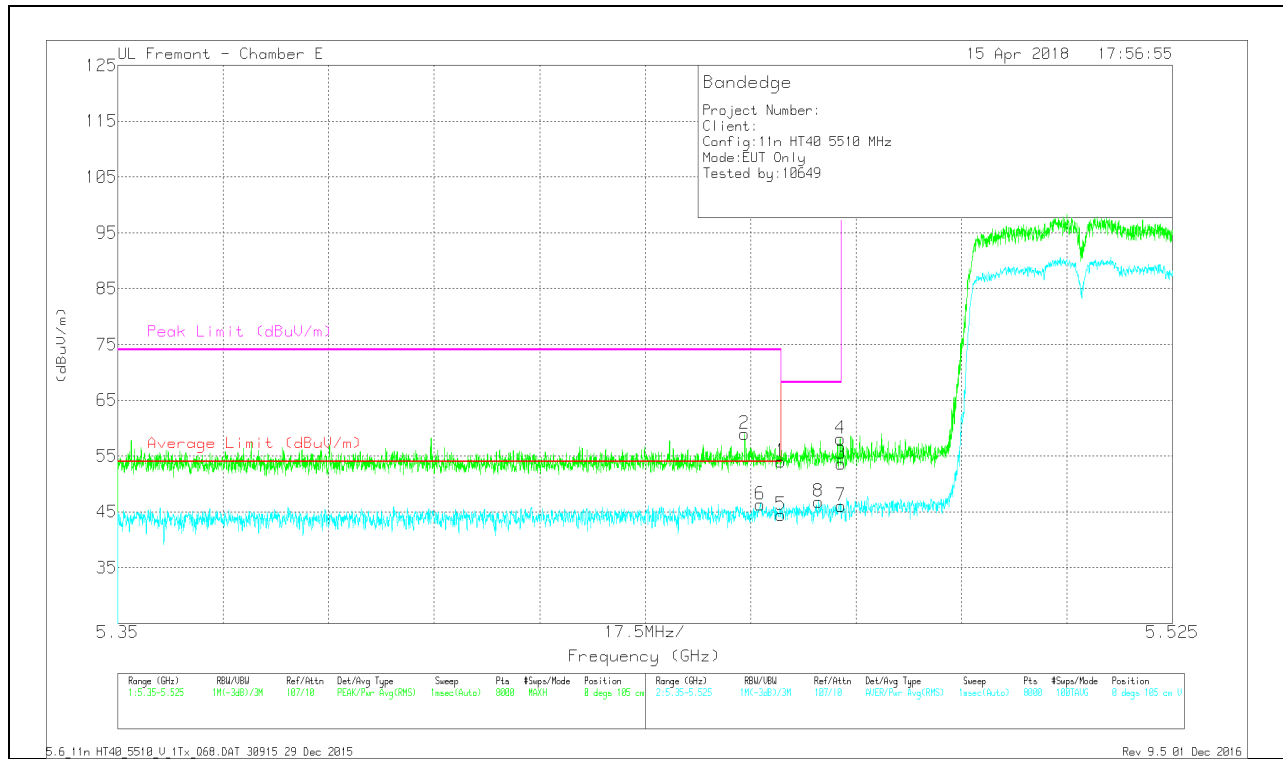
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.29	Pk	35.1	-19.9	0	56.49	-	-	74	-17.51	233	123	H
2	* 5.454	45.31	Pk	35.1	-19.9	0	60.51	-	-	74	-13.49	233	123	H
5	* 5.46	31.73	RMS	35.1	-19.9	.09	47.02	54	-6.98	-	-	233	123	H
6	* 5.457	33.74	RMS	35.1	-19.9	.09	49.03	54	-4.97	-	-	233	123	H
8	5.467	34.3	RMS	35.1	-19.9	.09	49.59	-	-	-	-	233	123	H
4	5.469	47.65	Pk	35.1	-19.8	0	62.95	-	-	68.2	-5.25	233	123	H
3	5.47	42.88	Pk	35.1	-19.8	0	58.18	-	-	68.2	-10.02	233	123	H
7	5.47	33.91	RMS	35.1	-19.8	.09	49.30	-	-	-	-	233	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.454	43.83	Pk	35.1	-19.9	0	59.03	-	-	74	-14.97	0	105	V
6	* 5.457	31.14	RMS	35.1	-19.9	.09	46.43	54	-7.57	-	-	0	105	V
1	* 5.46	38.78	Pk	35.1	-19.9	0	53.98	-	-	74	-20.02	0	105	V
5	* 5.46	29.2	RMS	35.1	-19.9	.09	44.49	54	-9.51	-	-	0	105	V
8	5.466	31.66	RMS	35.1	-19.9	.09	46.95	-	-	-	-	0	105	V
3	5.47	38.35	Pk	35.1	-19.8	0	53.65	-	-	68.2	-14.55	0	105	V
4	5.47	42.82	Pk	35.1	-19.8	0	58.12	-	-	68.2	-10.08	0	105	V
7	5.47	30.81	RMS	35.1	-19.8	.09	46.20	-	-	-	-	0	105	V

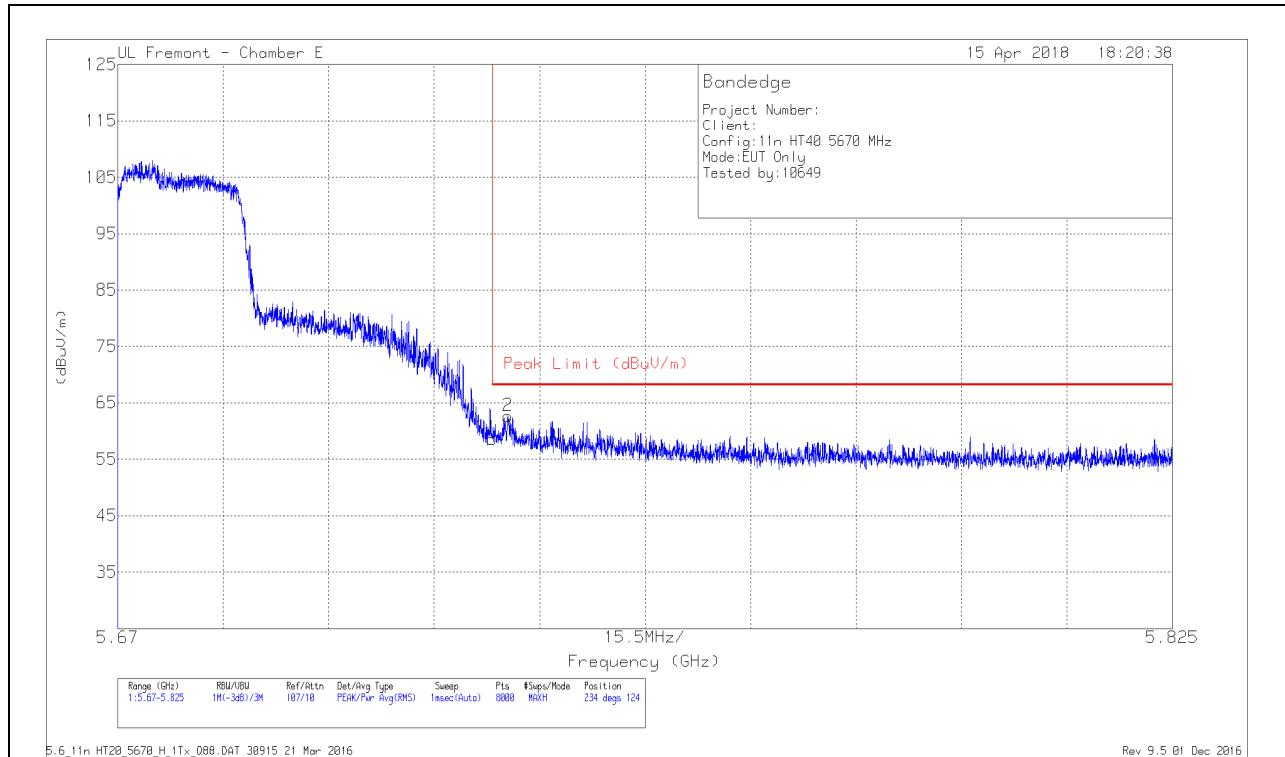
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

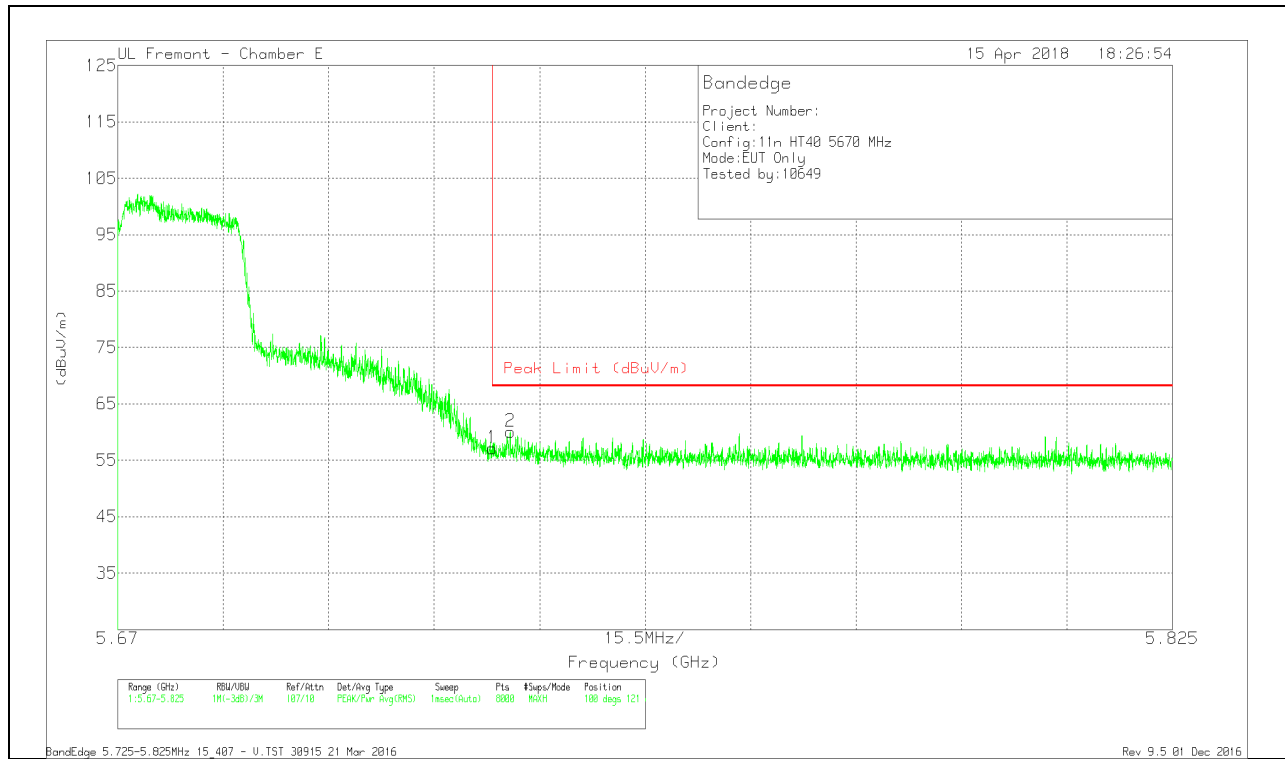
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.95	Pk	35.1	-19.4	58.65	68.2	-9.55	234	124	H
2	5.727	46.9	Pk	35.1	-19.4	62.6	68.2	-5.6	234	124	H

Pk - Peak detector

VERTICAL RESULT



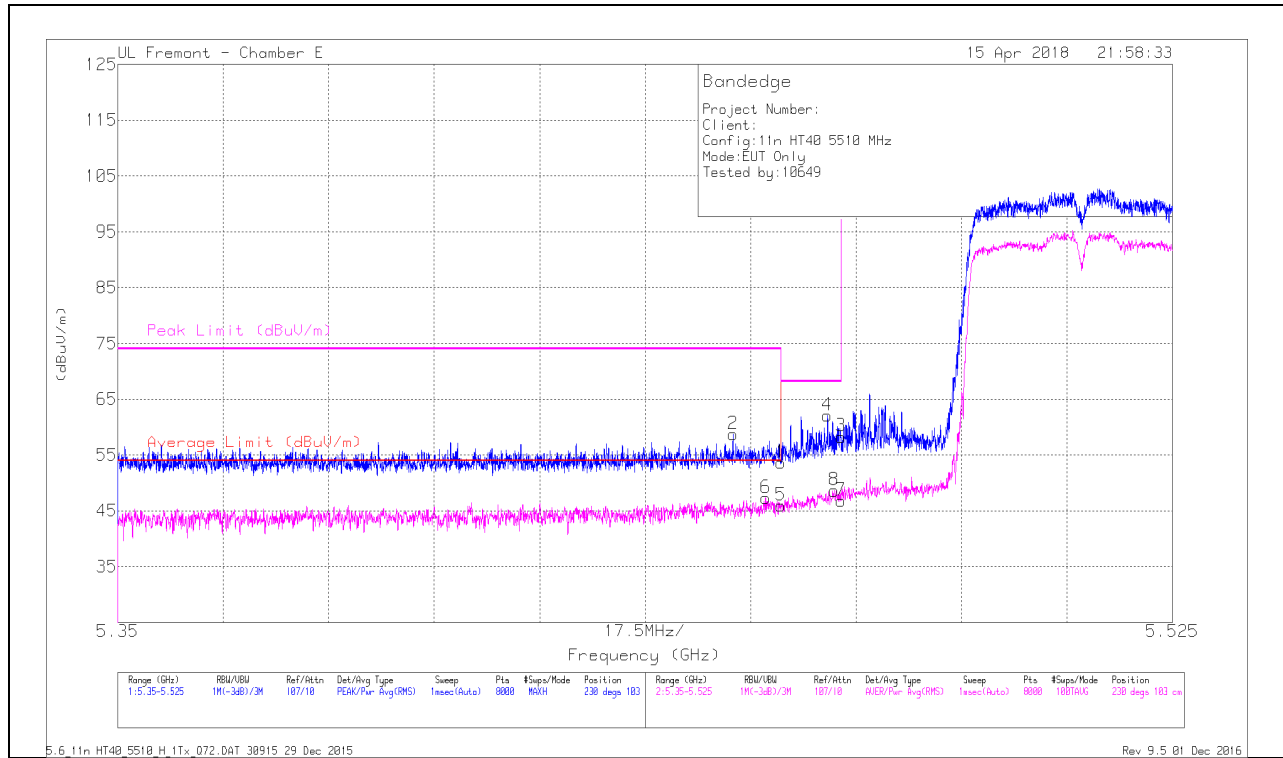
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.43	Pk	35.1	-19.4	57.13	68.2	-11.07	100	121	V
2	5.728	44.42	Pk	35.1	-19.4	60.12	68.2	-8.08	100	121	V

Pk - Peak detector

1TX Antenna 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



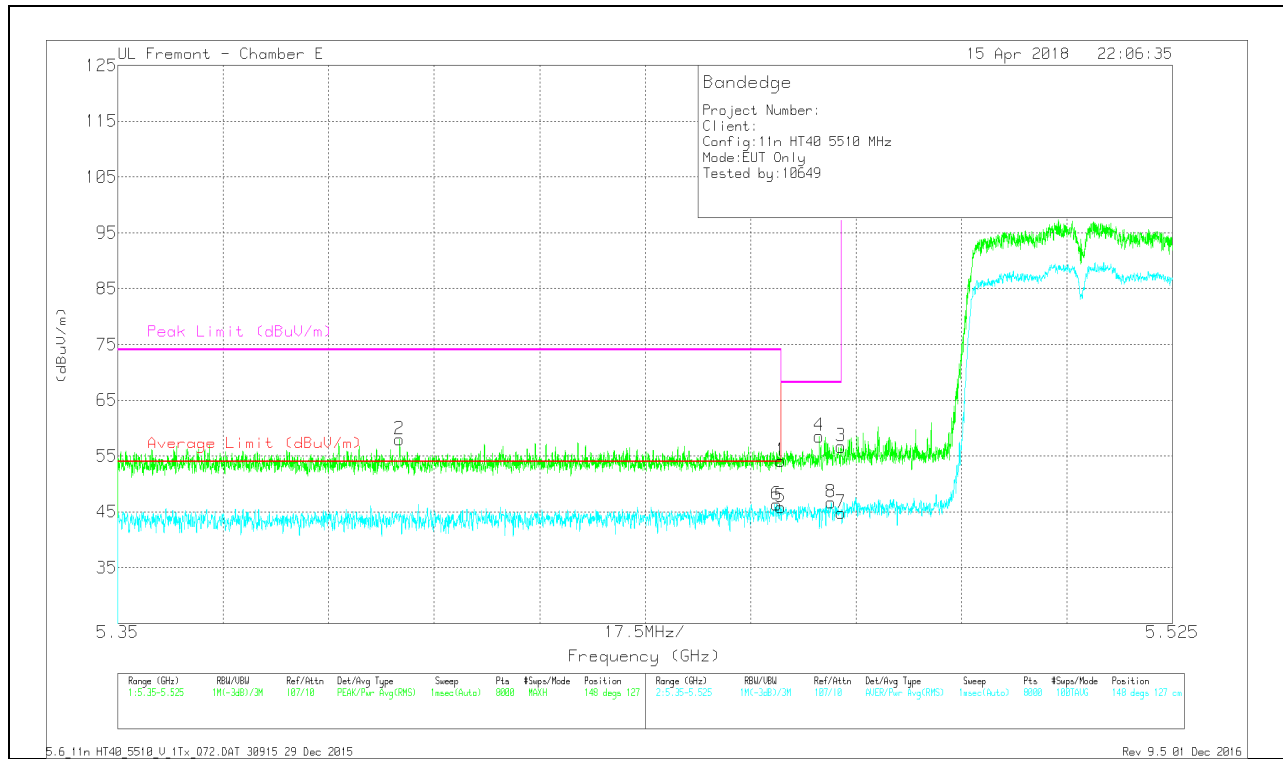
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.42	Pk	35.1	-19.9	0	53.62	-	-	74	-20.38	230	103	H
2	* 5.452	43.68	Pk	35.1	-20	0	58.78	-	-	74	-15.22	230	103	H
5	* 5.46	30.7	RMS	35.1	-19.9	.09	45.99	54	-8.01	-	-	230	103	H
6	* 5.457	32.05	RMS	35.1	-19.9	.09	47.34	54	-6.66	-	-	230	103	H
4	5.468	46.84	Pk	35.1	-19.9	0	62.04	-	-	68.2	-6.16	230	103	H
8	5.469	33.23	RMS	35.1	-19.8	.09	48.62	-	-	-	-	230	103	H
3	5.47	43	Pk	35.1	-19.8	0	58.3	-	-	68.2	-9.9	230	103	H
7	5.47	31.44	RMS	35.1	-19.8	.09	46.83	-	-	-	-	230	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.98	Pk	35.1	-19.9	0	54.18	-	-	74	-19.82	148	127	V
2	* 5.397	42.84	Pk	35	-19.9	0	57.94	-	-	74	-16.06	148	127	V
5	* 5.46	30.59	RMS	35.1	-19.9	.09	45.88	54	-8.12	-	-	148	127	V
6	* 5.459	31.05	RMS	35.1	-19.9	.09	46.34	54	-7.66	-	-	148	127	V
4	5.466	43.35	Pk	35.1	-19.9	0	58.55	-	-	68.2	-9.65	148	127	V
8	5.468	31.33	RMS	35.1	-19.8	.09	46.72	-	-	-	-	148	127	V
3	5.47	41.39	Pk	35.1	-19.8	0	56.69	-	-	68.2	-11.51	148	127	V
7	5.47	29.41	RMS	35.1	-19.8	.09	44.80	-	-	-	-	148	127	V

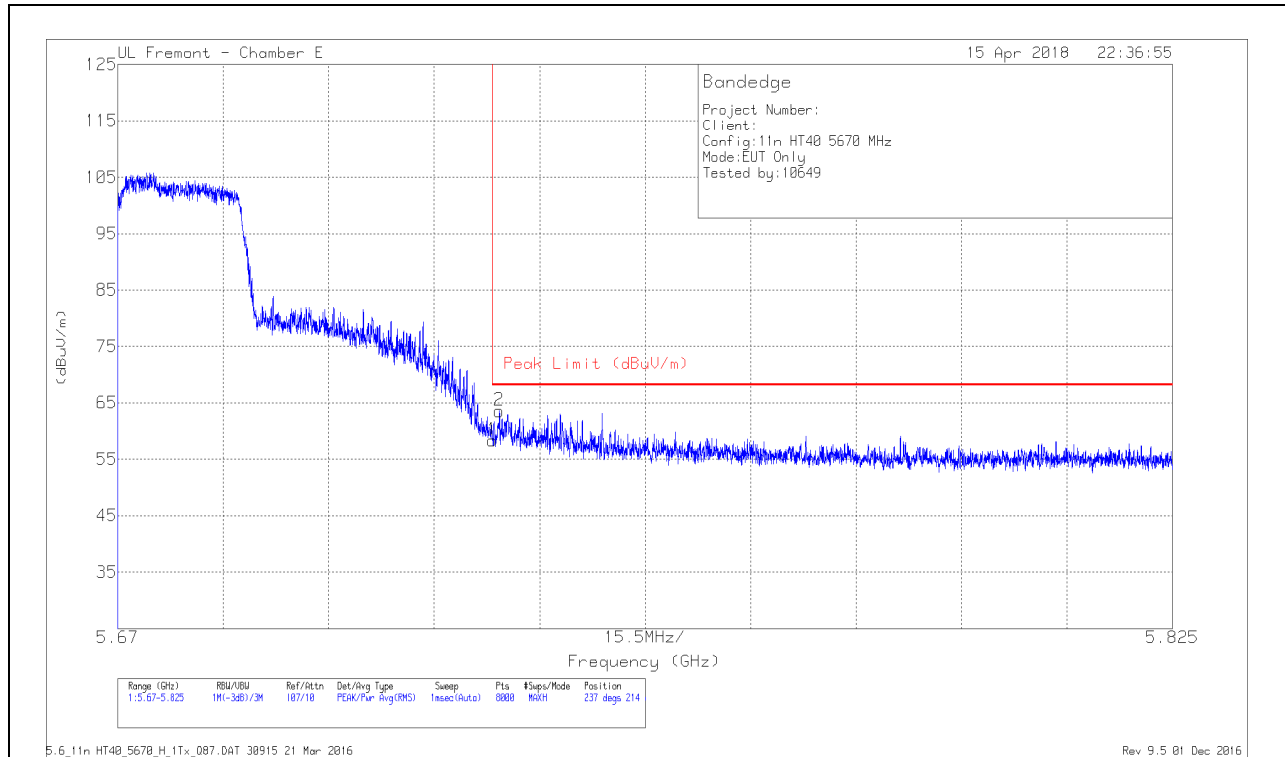
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

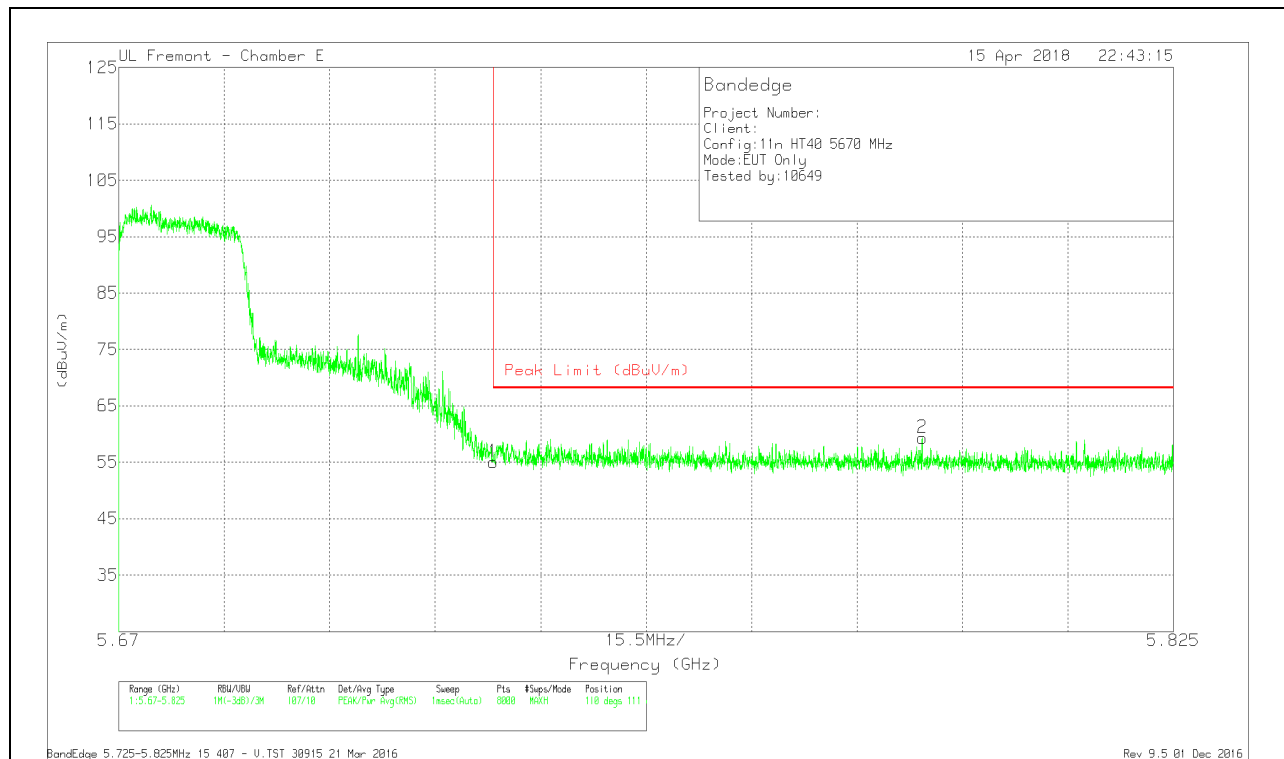
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.66	Pk	35.1	-19.4	58.36	68.2	-9.84	237	214	H
2	5.726	47.87	Pk	35.1	-19.4	63.57	68.2	-4.63	237	214	H

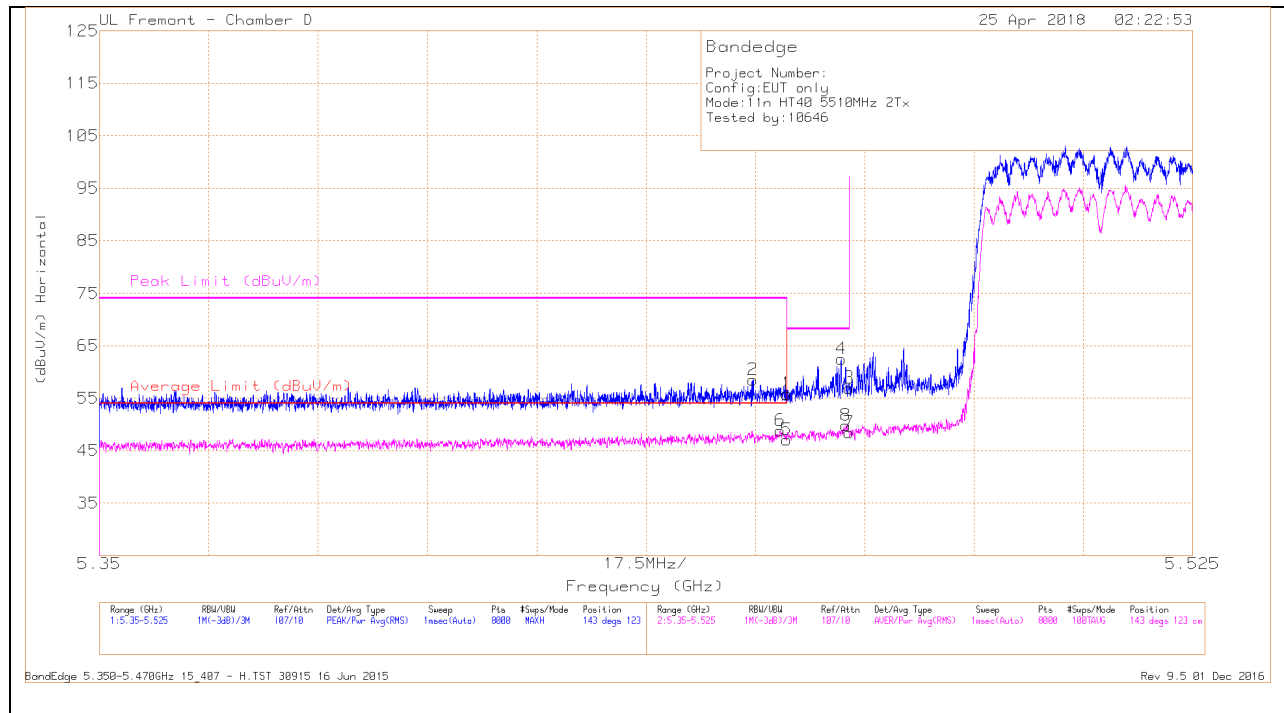
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.38	Pk	35.1	-19.4	55.08	68.2	-13.12	110	111	V
2	5.788	43.57	Pk	35.2	-19.4	59.37	68.2	-8.83	110	111	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

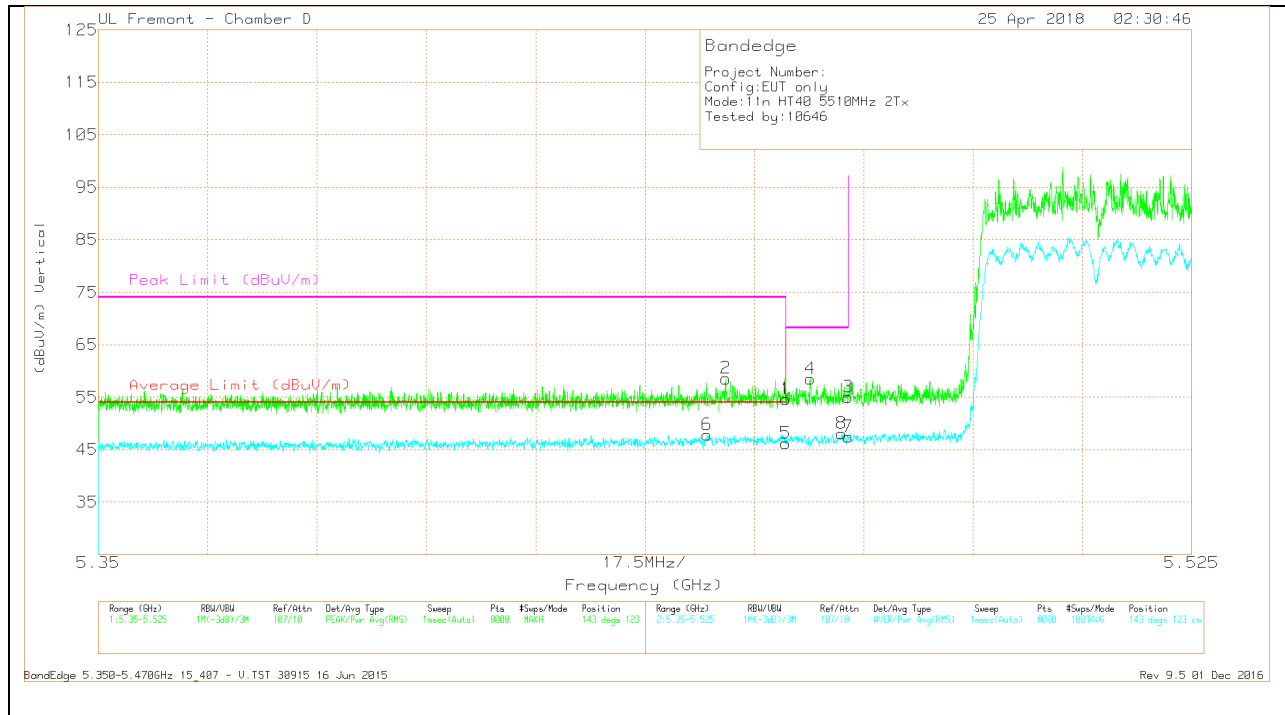
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.455	41.19	Pk	34.9	-17.6	0	58.49	-	-	74	-15.51	143	123	H
6	* 5.459	31.44	RMS	34.9	-17.6	0.09	48.83	54	-5.17	-	-	143	123	H
1	* 5.46	38.42	Pk	34.9	-17.5	0	55.82	-	-	74	-18.18	143	123	H
5	* 5.46	29.61	RMS	34.9	-17.5	0.09	47.10	54	-6.90	-	-	143	123	H
4	5.469	45.04	Pk	34.9	-17.5	0	62.44	-	-	68.2	-5.76	143	123	H
3	5.47	39.53	Pk	34.9	-17.5	0	56.93	-	-	68.2	-11.27	143	123	H
7	5.47	30.89	RMS	34.9	-17.5	0.09	48.37	-	-	-	-	143	123	H
8	5.47	32.36	RMS	34.9	-17.5	0.09	49.85	-	-	-	-	143	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter (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	* 5.447	30.65	RMS	34.9	-17.7	0.09	47.94	54	-6.06	-	-	143	123	V
2	* 5.45	41.25	Pk	34.9	-17.6	0	58.55	-	-	74	-15.45	143	123	V
1	* 5.46	37.22	Pk	34.9	-17.5	0	54.62	-	-	74	-19.38	143	123	V
5	* 5.46	28.78	RMS	34.9	-17.5	0.09	46.27	54	-7.73	-	-	143	123	V
4	5.464	41.07	Pk	34.9	-17.5	0	58.47	-	-	68.2	-9.73	143	123	V
8	5.469	30.64	RMS	34.9	-17.5	0.09	48.13	-	-	-	-	143	123	V
3	5.47	37.66	Pk	34.9	-17.5	0	55.06	-	-	68.2	-13.14	143	123	V
7	5.47	29.99	RMS	34.9	-17.5	0.09	47.48	-	-	-	-	143	123	V

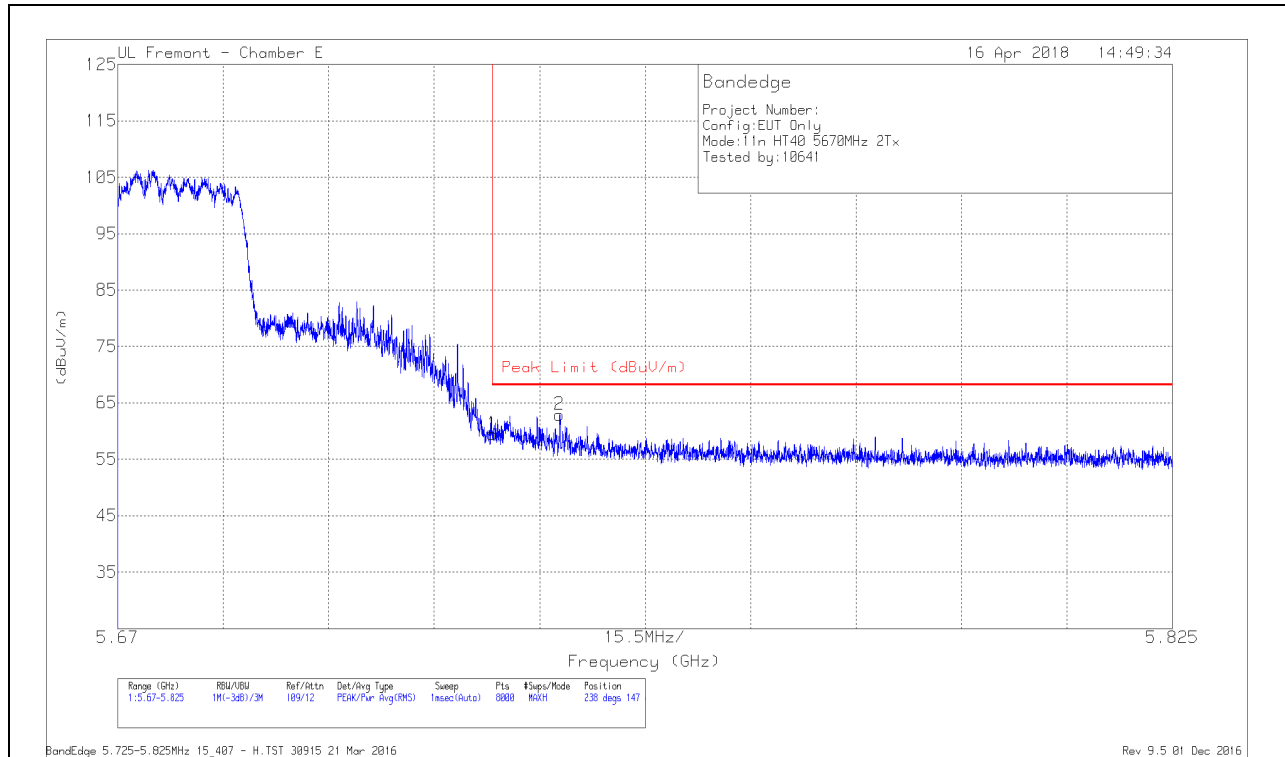
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

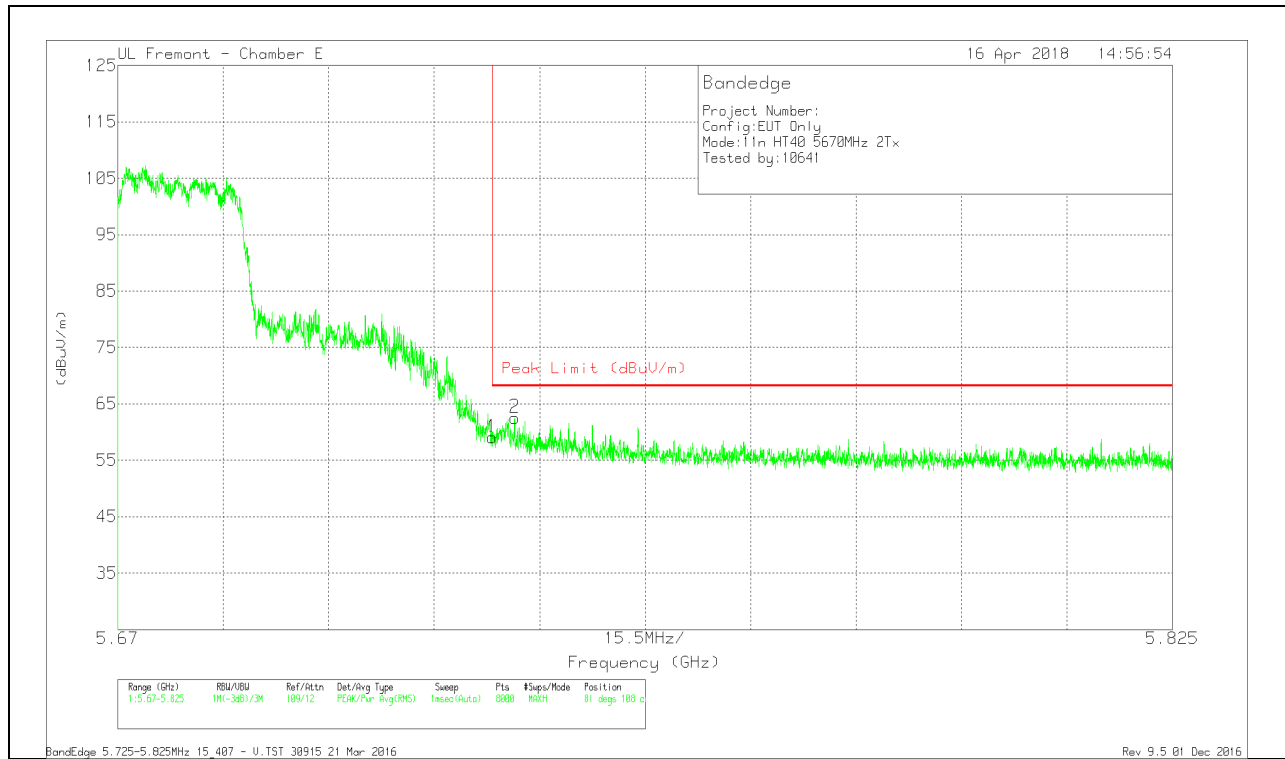
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.51	Pk	35.1	-19.2	59.41	68.2	-8.79	238	147	H
2	5.735	46.99	Pk	35.1	-19.2	62.89	68.2	-5.31	238	147	H

Pk - Peak detector

VERTICAL RESULT

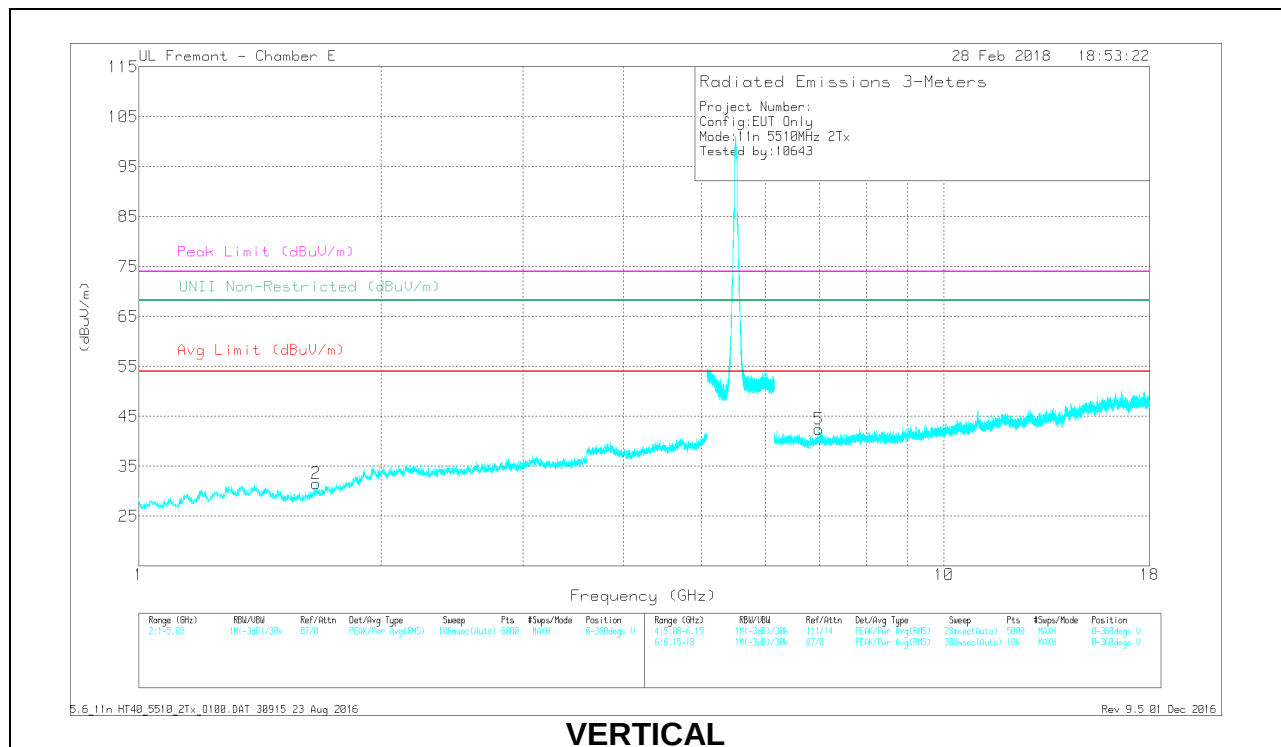
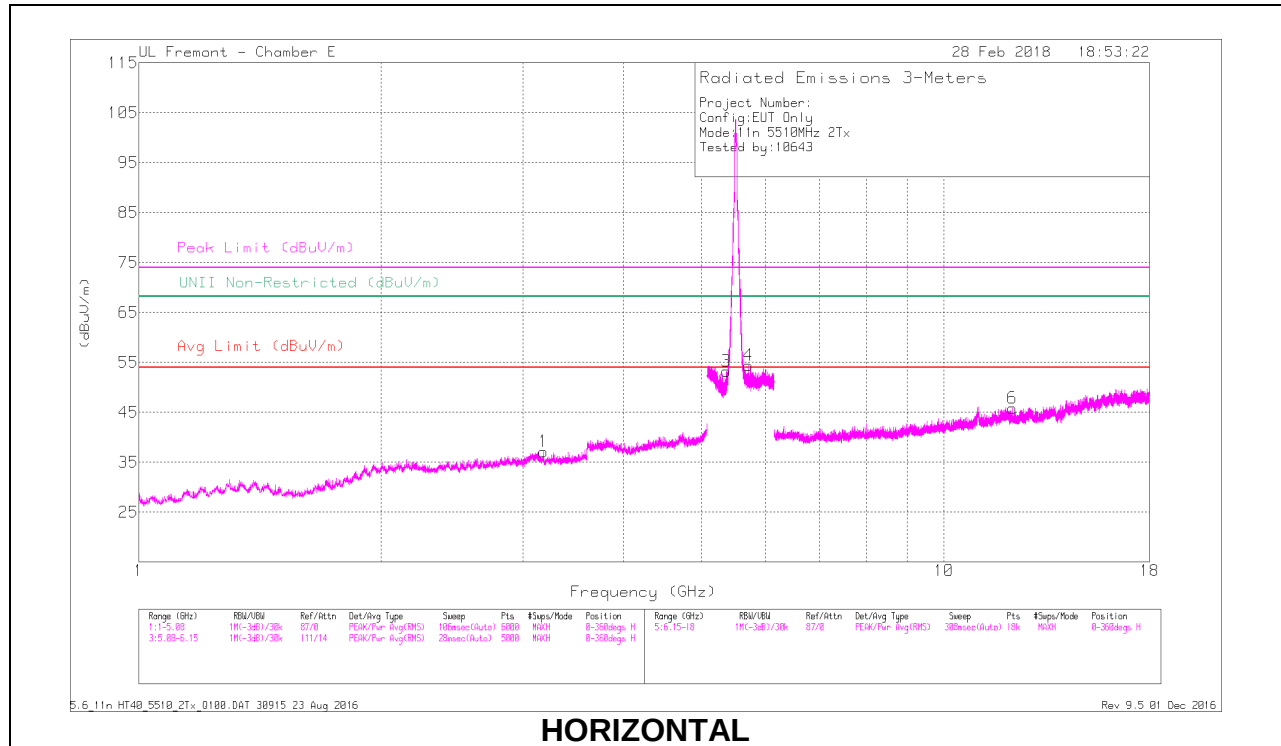


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.14	Pk	35.1	-19.2	59.04	68.2	-9.16	81	108	V
2	5.728	46.68	Pk	35.1	-19.2	62.58	68.2	-5.62	81	108	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

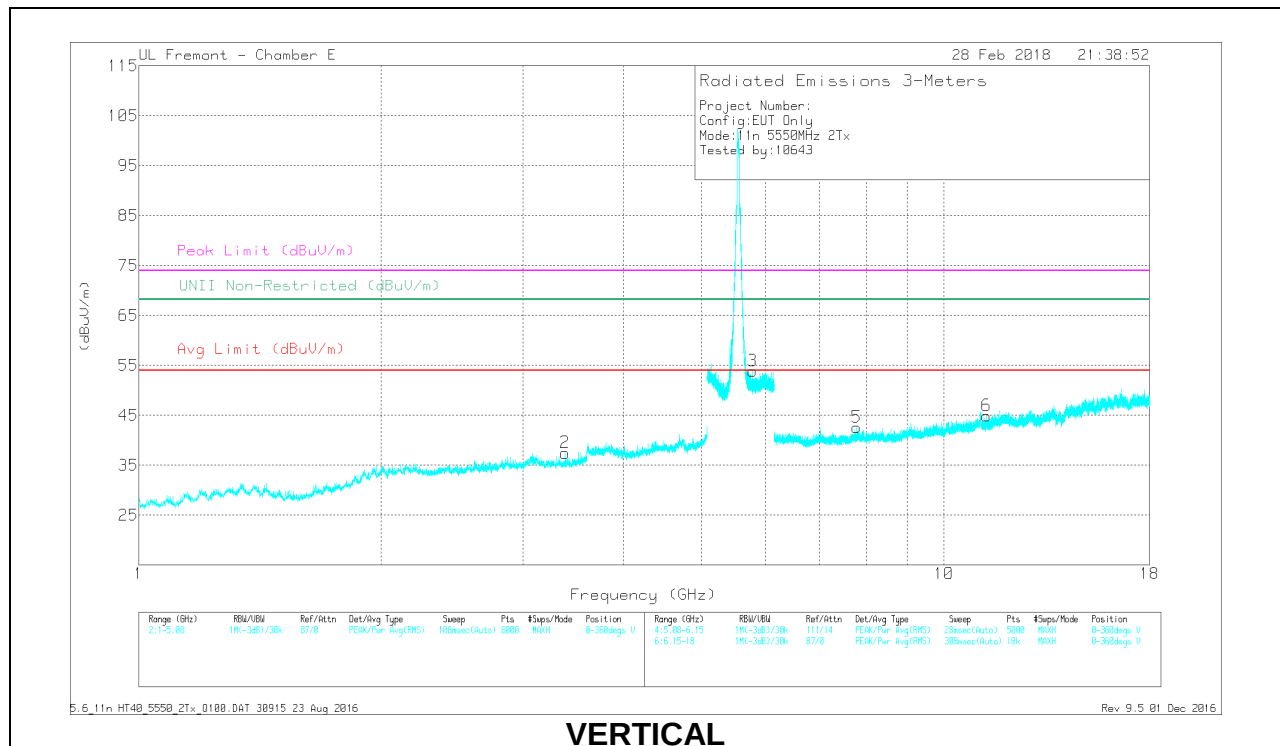
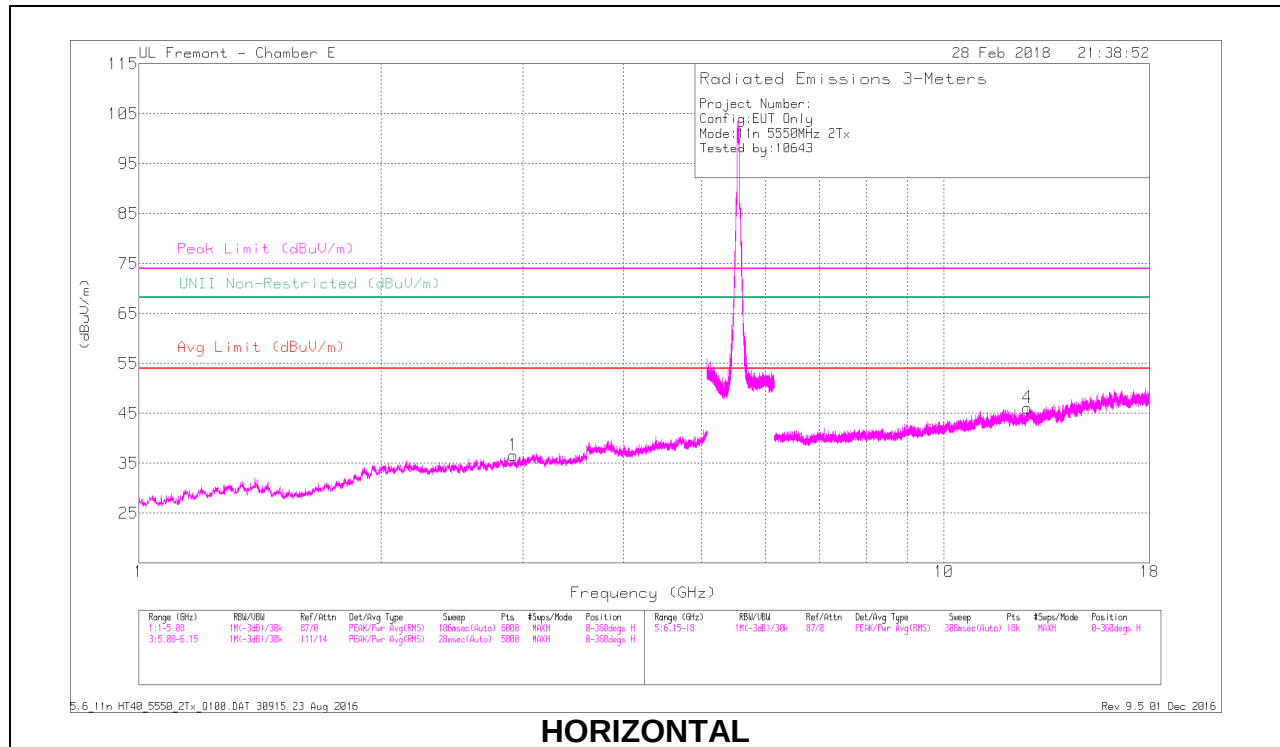
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 1.664	43.47	PK-U	27.9	-33.5	0	37.87	-	-	74	-36.13	-	-	103	385	V
	* 1.709	31.46	ADR	28.4	-33.2	0.09	26.75	54	-27.25	-	-	-	-	103	385	V
3	* 5.365	44.48	PK-U	35	-18.9	0	60.58	-	-	74	-13.42	-	-	320	176	H
	* 5.366	22.18	ADR	35	-18.9	0.09	38.37	54	-15.63	-	-	-	-	320	176	H
6	* 12.164	37.54	PK-U	39.1	-23.6	0	53.04	-	-	74	-20.96	-	-	310	348	H
	* 12.165	23.76	ADR	39.1	-23.7	0.09	39.25	54	-14.75	-	-	-	-	310	348	H
1	3.177	42.73	PK-U	33	-31.5	0	44.23	-	-	-	-	68.2	-23.97	52	126	H
4	5.72	45.45	PK-U	35.1	-19.2	0	61.35	-	-	-	-	68.2	-6.85	0	300	H
5	6.995	39.4	PK-U	36.2	-26.9	0	48.7	-	-	-	-	68.2	-19.5	29	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

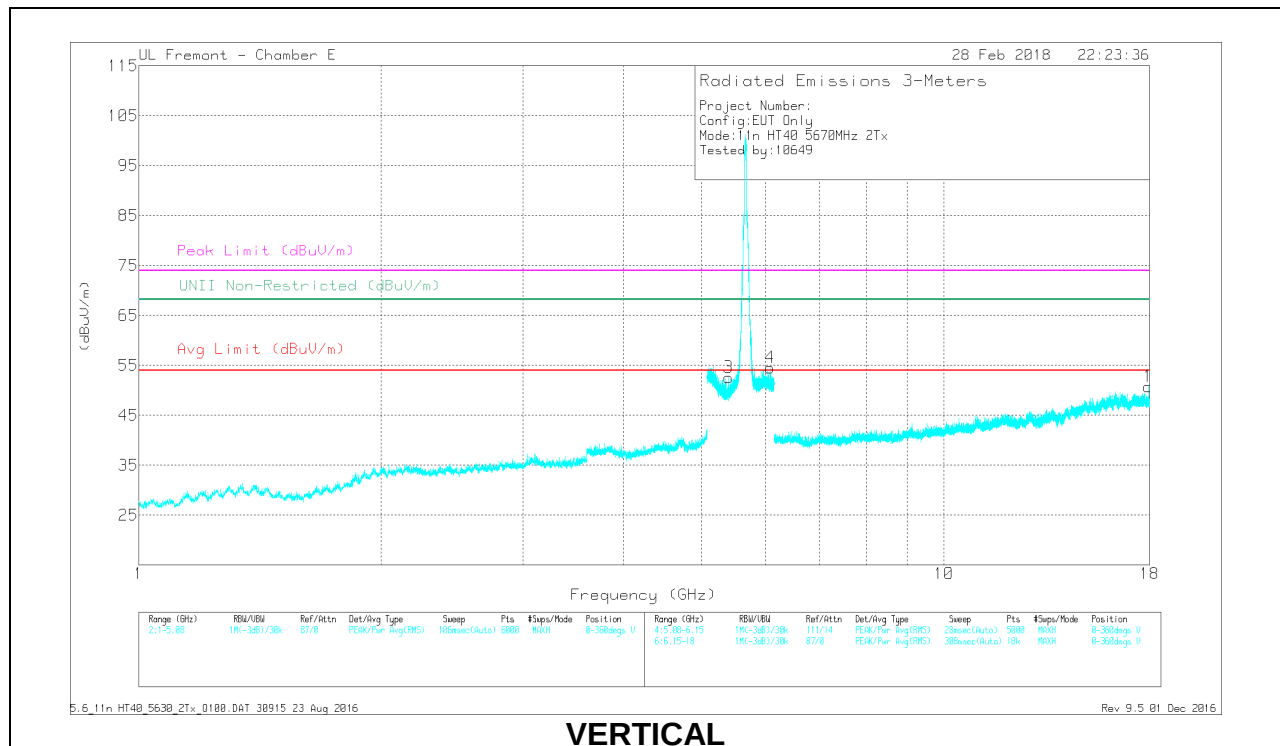
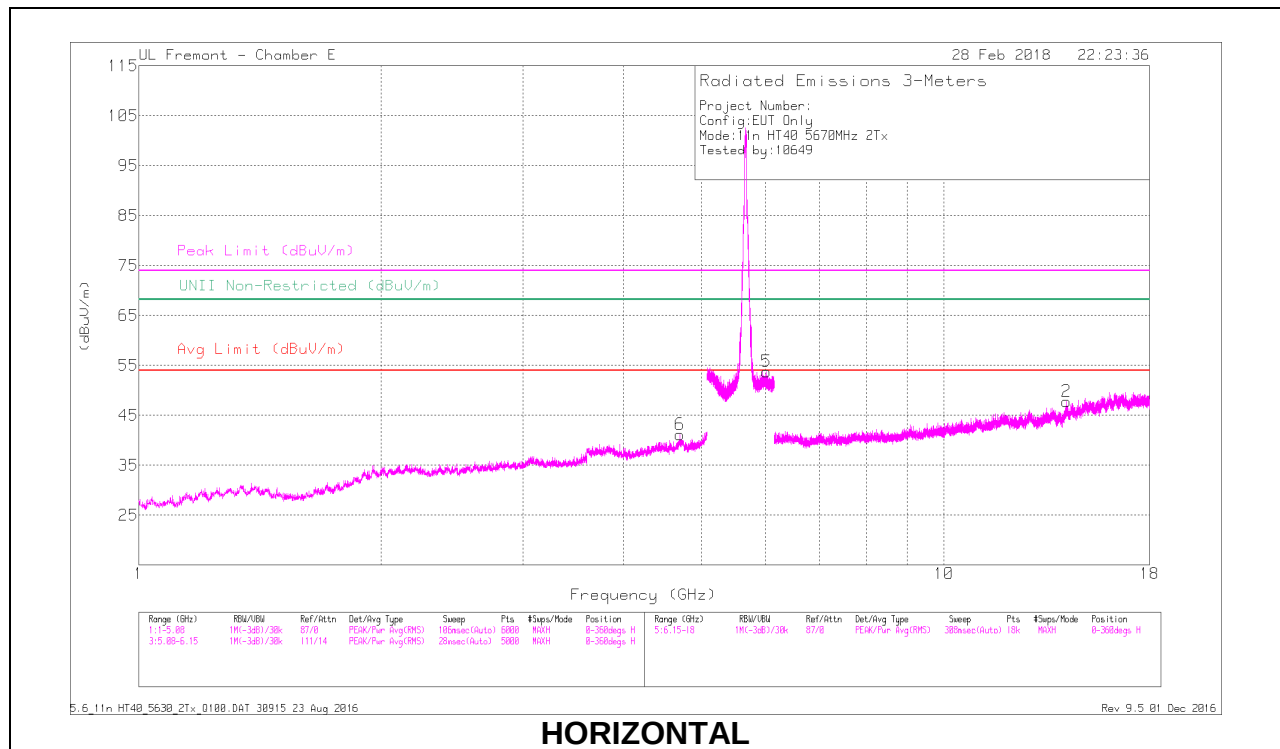
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 12.695	37.28	PK-U	39.5	-24	0	52.78	-	-	74	-21.22	-	-	166	155	H
	* 12.694	24.67	ADR	39.5	-24	0.09	40.27	54	-13.73	-	-	-	-	166	155	H
6	* 11.296	36.29	PK-U	38.7	-23.7	0	51.29	-	-	74	-22.71	-	-	247	154	V
	* 11.295	23.59	ADR	38.7	-23.7	0.09	38.69	54	-15.31	-	-	-	-	247	154	V
1	2.916	42.11	PK-U	32.8	-31.5	0	43.41	-	-	-	-	68.2	-24.79	146	138	H
2	3.385	40.86	PK-U	32.9	-30.6	0	43.16	-	-	-	-	68.2	-25.04	16	235	V
3	5.785	44.34	PK-U	35.2	-19.1	0	60.44	-	-	-	-	68.2	-7.76	163	180	V
5	7.791	39.09	PK-U	36.5	-26.3	0	49.29	-	-	-	-	68.2	-18.91	350	127	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

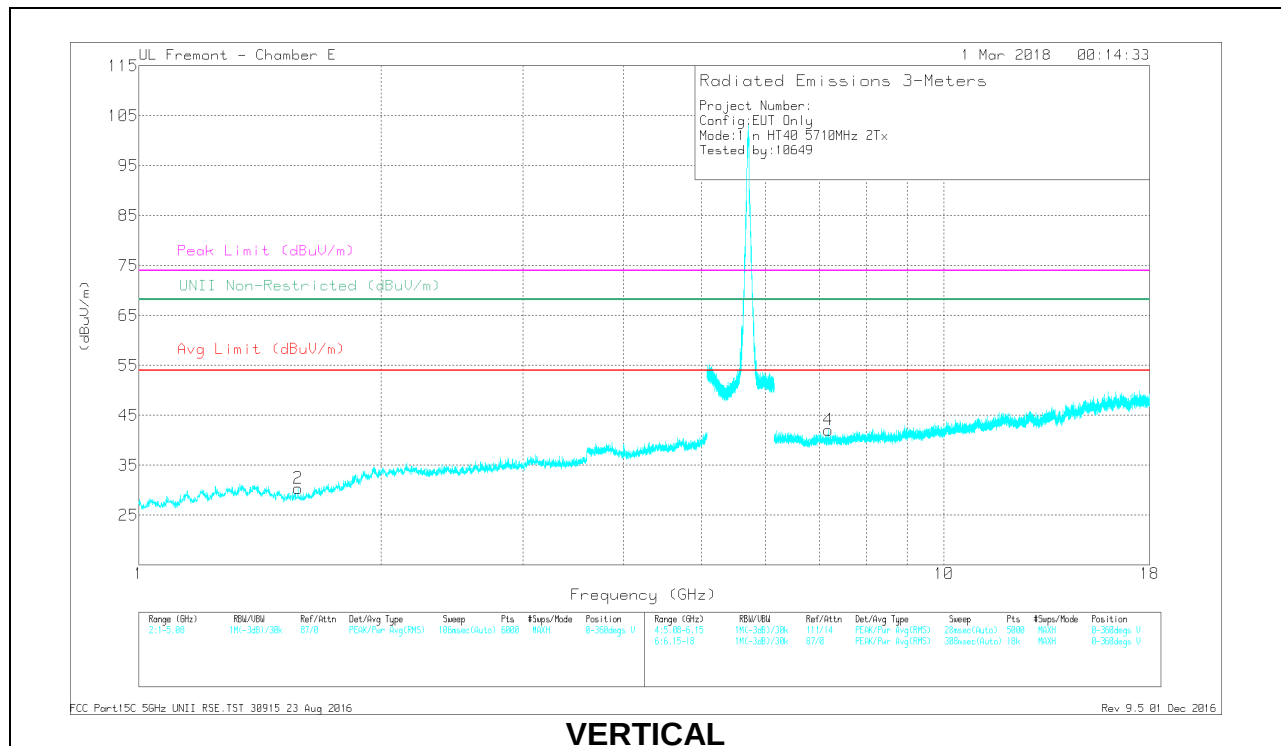
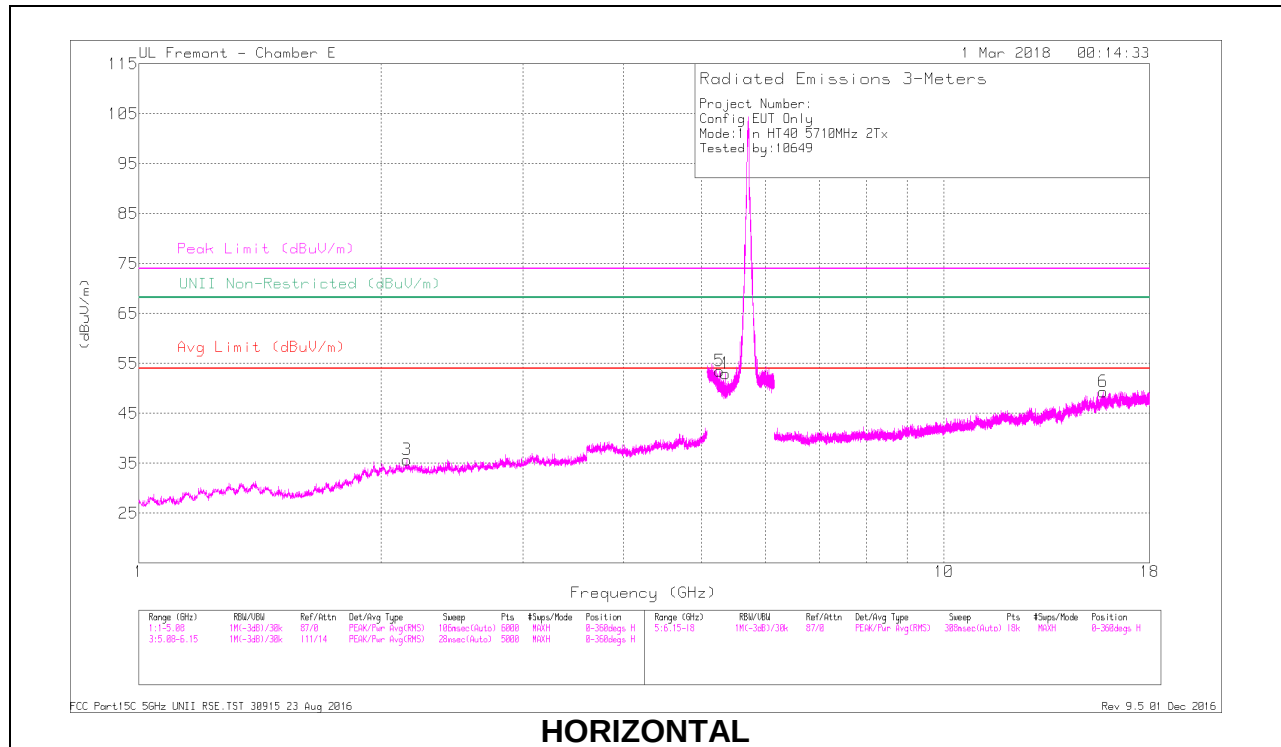
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 4.7	42.13	PK-U	34.4	-28.8	0	47.73	-	-	74	-26.27	-	-	205	193	H
	* 4.7	30.14	ADR	34.4	-28.9	0.09	35.73	54	-18.27	-	-	-	-	205	193	H
3	* 5.405	44.12	PK-U	35	-18.9	0	60.22	-	-	74	-13.78	-	-	225	301	V
	* 5.405	22.38	ADR	35	-18.9	0.09	38.57	54	-15.43	-	-	-	-	225	301	V
1	* 17.943	35.54	PK-U	41.6	-21.3	0	55.84	-	-	74	-18.16	-	-	335	132	V
	* 17.944	22.75	ADR	41.6	-21.3	0.09	43.14	54	-10.86	-	-	-	-	335	132	V
5	6.02	45.6	PK-U	35.4	-18.5	0	62.5	-	-	-	-	68.2	-5.7	47	208	H
4	6.077	44	PK-U	35.5	-18.4	0	61.1	-	-	-	-	68.2	-7.1	191	334	V
2	14.202	37.17	PK-U	40.8	-24.2	0	53.77	-	-	-	-	68.2	-14.43	170	169	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

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marke rs	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
2	* 1.579	45.47	PK-U	27.3	-34.4	0	38.37	-	-	74	-35.63	-	-	129	232	V
	* 1.576	31.7	ADR	27.3	-34.5	0.09	24.59	54	-29.41	-	-	-	-	129	232	V
1	* 5.356	43.54	PK-U	35	-18.9	0	59.64	-	-	74	-14.36	-	-	49	296	H
	* 5.357	19.99	ADR	35	-18.9	0.09	36.18	54	-17.82	-	-	-	-	49	296	H
6	* 15.75	37.33	PK-U	41.7	-22.2	0	56.83	-	-	74	-17.17	-	-	140	115	H
	* 15.754	24.2	ADR	41.7	-22.3	0.09	43.69	54	-10.31	-	-	-	-	140	115	H
3	2.152	43.05	PK-U	32.1	-31.9	0	43.25	-	-	-	-	68.2	-24.95	156	126	H
5	5.265	44.35	PK-U	35	-18.9	0	60.45	-	-	-	-	68.2	-7.75	20	375	H
4	7.178	39.16	PK-U	36.1	-27	0	48.26	-	-	-	-	68.2	-19.94	111	365	V

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

PK-U - U-NII: Maximum Peak

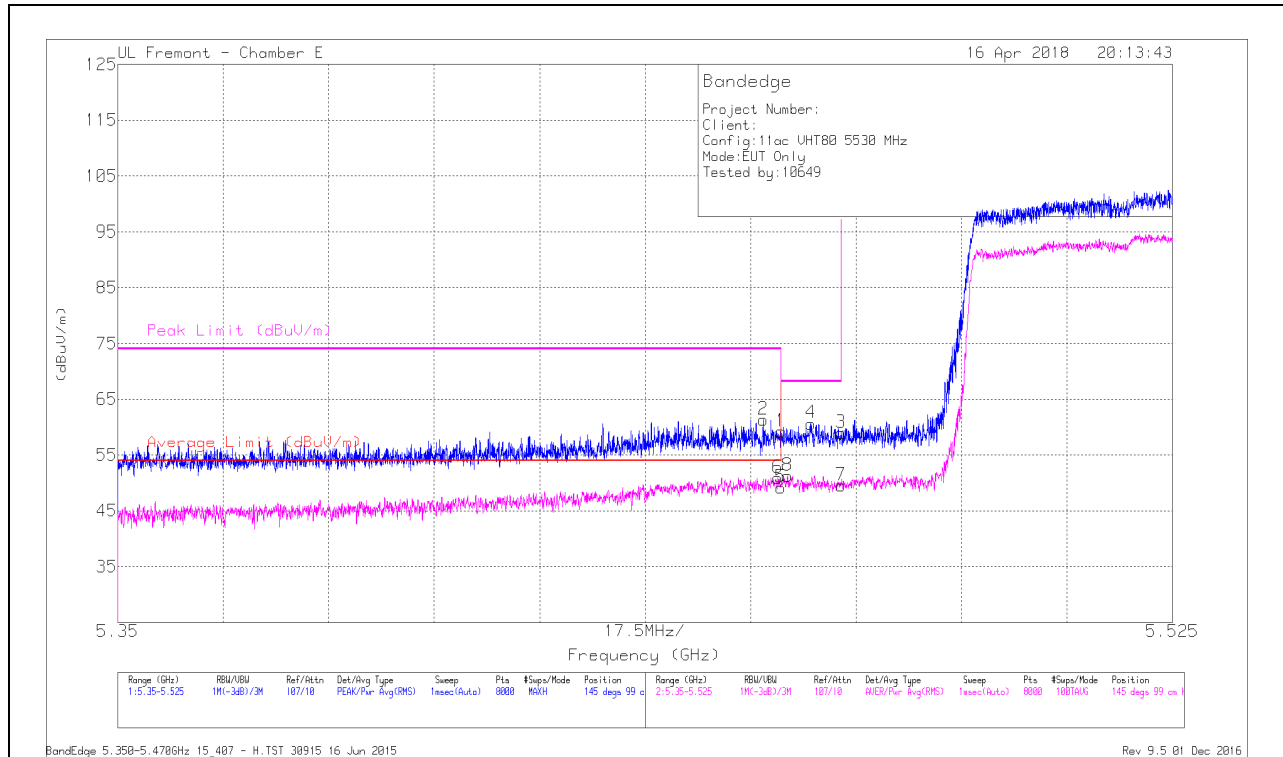
ADR - U-NII AD primary method, RMS average

9.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

1TX Antenna 6

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



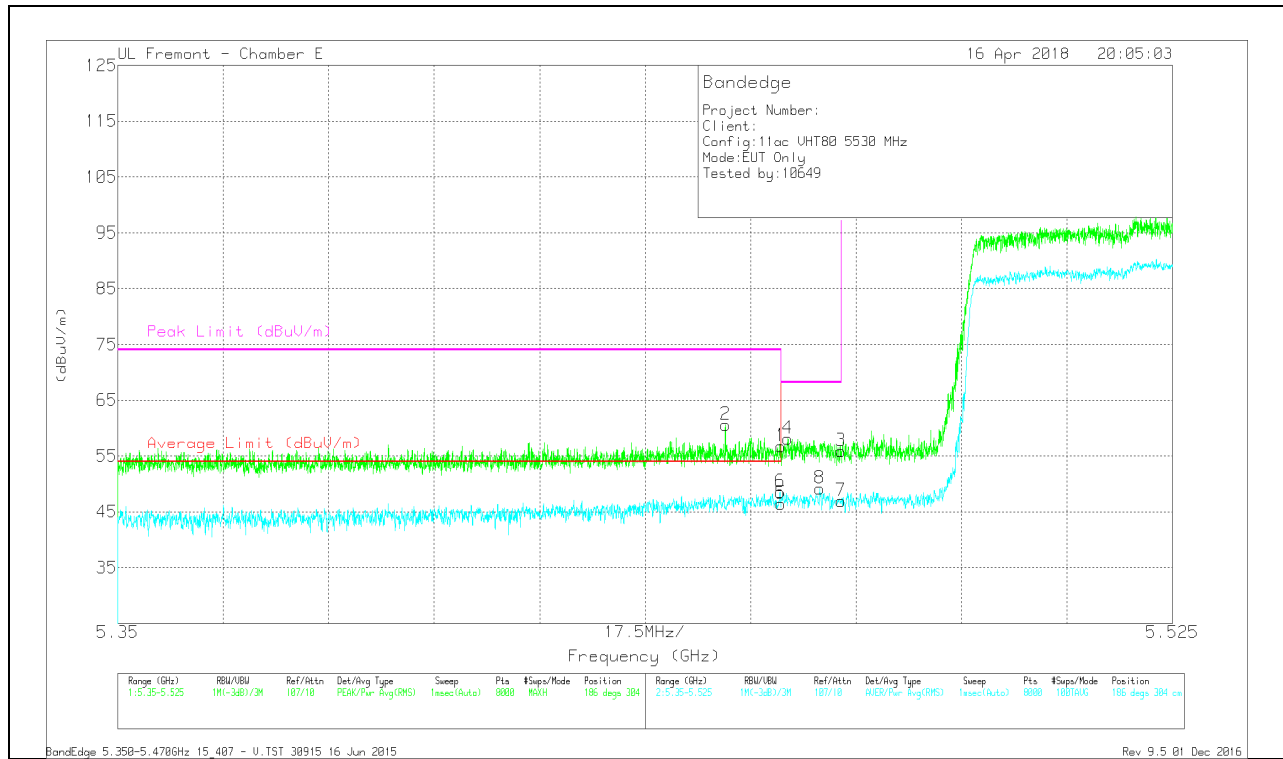
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.457	46.19	Pk	35.1	-19.9	0	61.39	-	-	74	-12.61	145	99	H
1	* 5.46	44	Pk	35.1	-19.9	0	59.2	-	-	74	-14.8	145	99	H
5	* 5.46	33.73	RMS	35.1	-19.9	.19	49.12	54	-4.88	-	-	145	99	H
6	* 5.46	35.53	RMS	35.1	-19.9	.19	50.92	54	-3.08	-	-	145	99	H
8	5.461	35.83	RMS	35.1	-19.9	.19	51.22	-	-	-	-	145	99	H
4	5.465	45.46	Pk	35.1	-19.9	0	60.66	-	-	68.2	-7.54	145	99	H
3	5.47	43.64	Pk	35.1	-19.8	0	58.94	-	-	68.2	-9.26	145	99	H
7	5.47	33.97	RMS	35.1	-19.8	.19	49.46	-	-	-	-	145	99	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.451	45.51	Pk	35.1	-20	0	60.61	-	-	74	-13.39	186	304	V
1	* 5.46	41.6	Pk	35.1	-19.9	0	56.8	-	-	74	-17.2	186	304	V
5	* 5.46	31.02	RMS	35.1	-19.9	.19	46.41	54	-7.59	-	-	186	304	V
6	* 5.46	33.14	RMS	35.1	-19.9	.19	48.53	54	-5.47	-	-	186	304	V
4	5.461	42.97	Pk	35.1	-19.9	0	58.17	-	-	68.2	-10.03	186	304	V
8	5.466	33.79	RMS	35.1	-19.9	.19	49.18	-	-	-	-	186	304	V
3	5.47	40.63	Pk	35.1	-19.8	0	55.93	-	-	68.2	-12.27	186	304	V
7	5.47	31.46	RMS	35.1	-19.8	.19	46.95	-	-	-	-	186	304	V

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

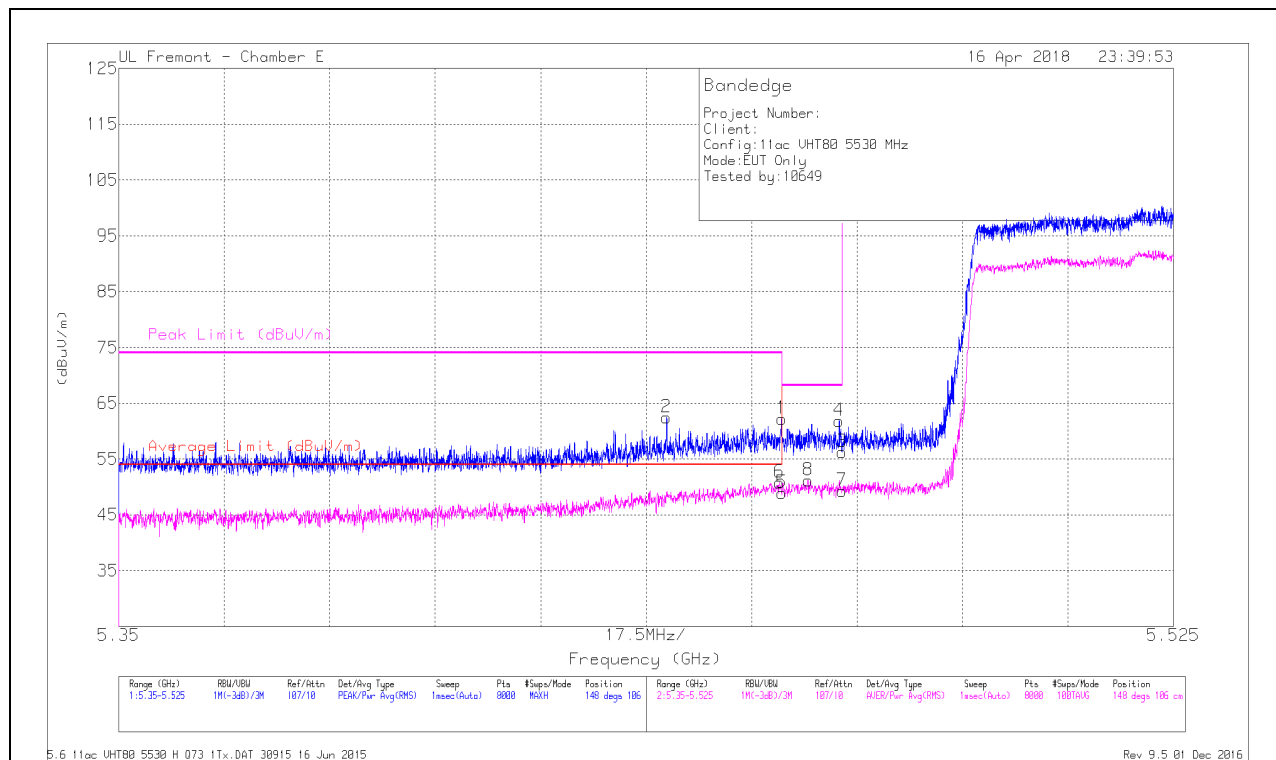
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



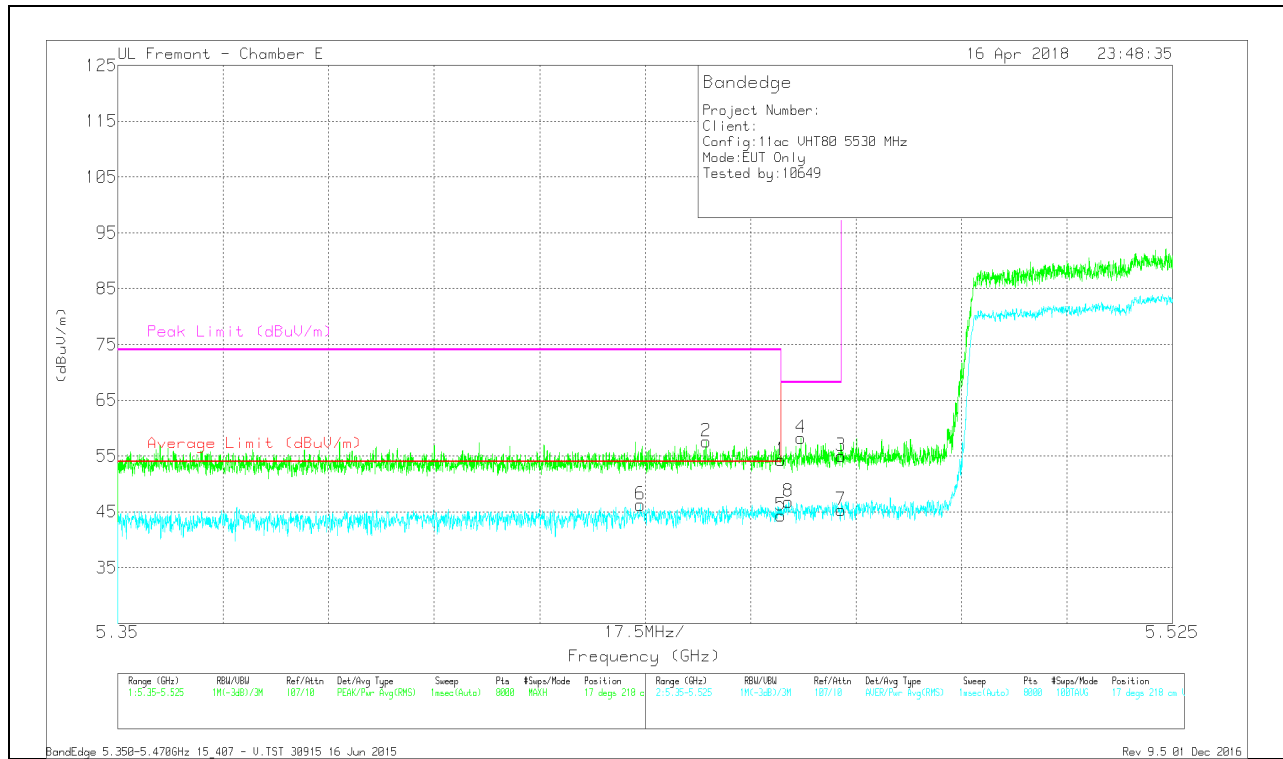
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	46.96	Pk	35.1	-19.9	0	62.16	-	-	74	-11.84	148	106	H
2	* 5.441	47.34	Pk	35.1	-20	0	62.44	-	-	74	-11.56	148	106	H
5	* 5.46	33.52	RMS	35.1	-19.9	.19	48.91	54	-5.09	-	-	148	106	H
6	* 5.46	35.34	RMS	35.1	-19.9	.19	50.73	54	-3.27	-	-	148	106	H
8	5.464	35.79	RMS	35.1	-19.9	.19	51.18	-	-	-	-	148	106	H
3	5.47	40.91	Pk	35.1	-19.8	0	56.21	-	-	68.2	-11.99	148	106	H
4	5.47	46.59	Pk	35.1	-19.8	0	61.89	-	-	68.2	-6.31	148	106	H
7	5.47	33.77	RMS	35.1	-19.8	.19	49.26	-	-	-	-	148	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

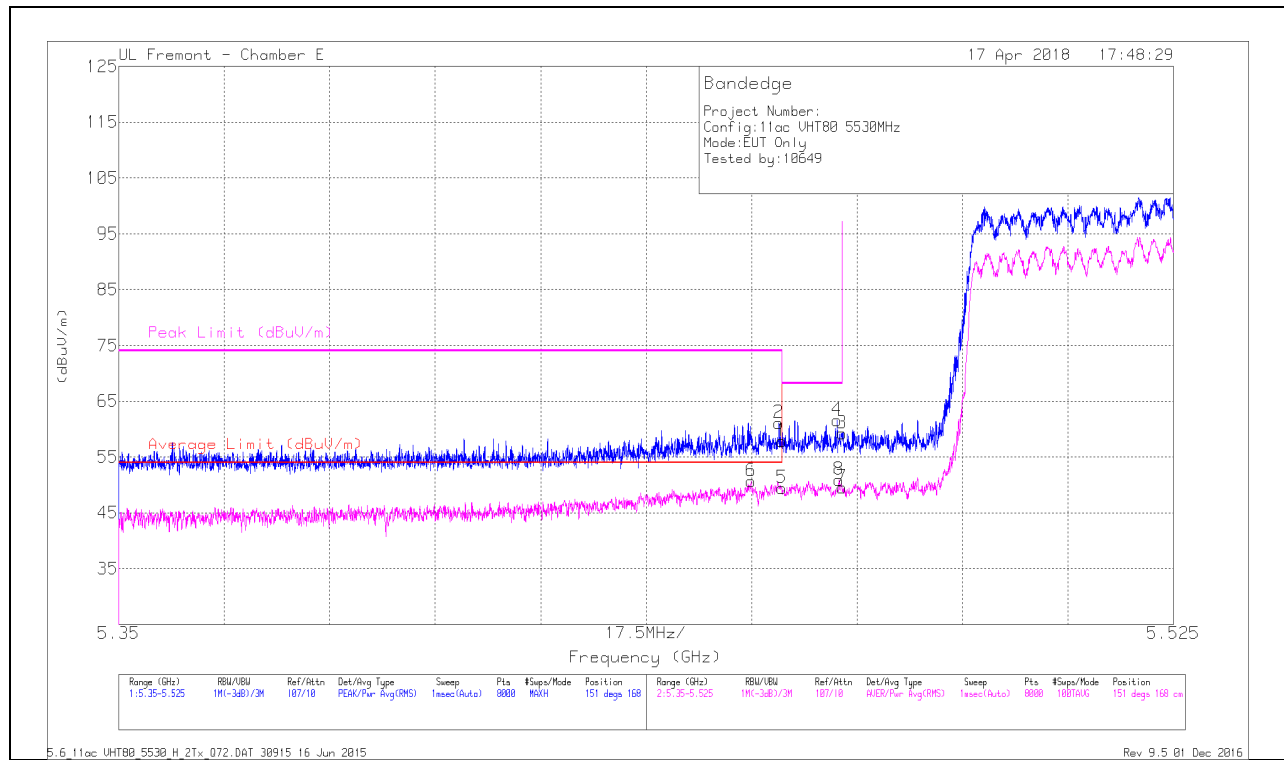


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.05	Pk	35.1	-19.9	0	54.25	-	-	74	-19.75	17	218	V
2	* 5.448	42.44	Pk	35.1	-19.9	0	57.64	-	-	74	-16.36	17	218	V
5	* 5.46	29.09	RMS	35.1	-19.9	0.19	44.48	54	-9.52	-	-	17	218	V
6	* 5.437	31.16	RMS	35.1	-20	0.19	46.45	54	-7.55	-	-	17	218	V
8	5.461	31.61	RMS	35.1	-19.9	0.19	47.00	-	-	-	-	17	218	V
4	5.463	42.99	Pk	35.1	-19.9	0	58.19	-	-	68.2	-10.01	17	218	V
3	5.47	39.66	Pk	35.1	-19.8	0	54.96	-	-	68.2	-13.24	17	218	V
7	5.47	29.97	RMS	35.1	-19.8	0.19	45.46	-	-	-	-	17	218	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

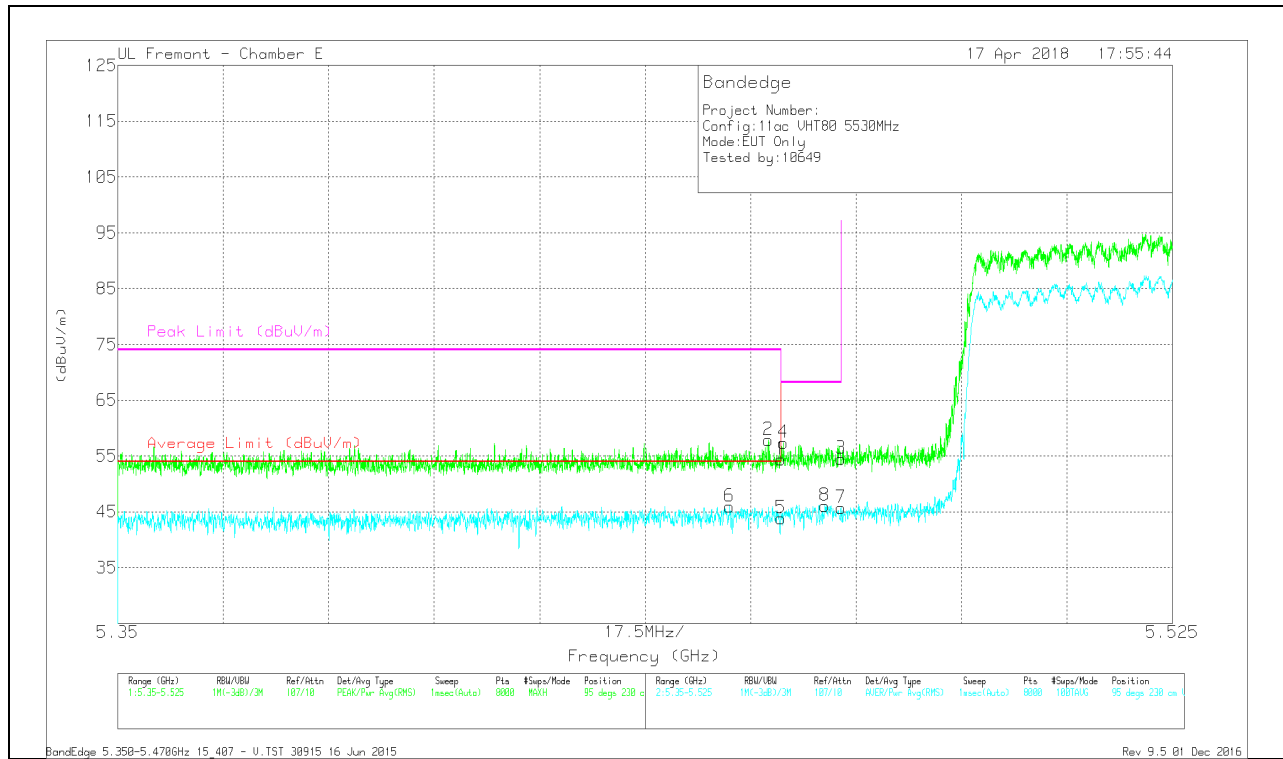
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.455	35.19	RMS	35.1	-19.9	.19	50.58	54	-3.42	-	-	151	168	H
1	* 5.46	42.67	Pk	35.1	-19.9	0	57.87	-	-	74	-16.13	151	168	H
2	* 5.46	45.89	Pk	35.1	-19.9	0	61.09	-	-	74	-12.91	151	168	H
5	* 5.46	34.01	RMS	35.1	-19.9	.19	49.40	54	-4.60	-	-	151	168	H
4	5.469	46.27	Pk	35.1	-19.8	0	61.57	-	-	68.2	-6.63	151	168	H
3	5.47	43.89	Pk	35.1	-19.8	0	59.19	-	-	68.2	-9.01	151	168	H
7	5.47	34.03	RMS	35.1	-19.8	.19	49.52	-	-	-	-	151	168	H
8	5.47	35.34	RMS	35.1	-19.8	.19	50.83	-	-	-	-	151	168	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

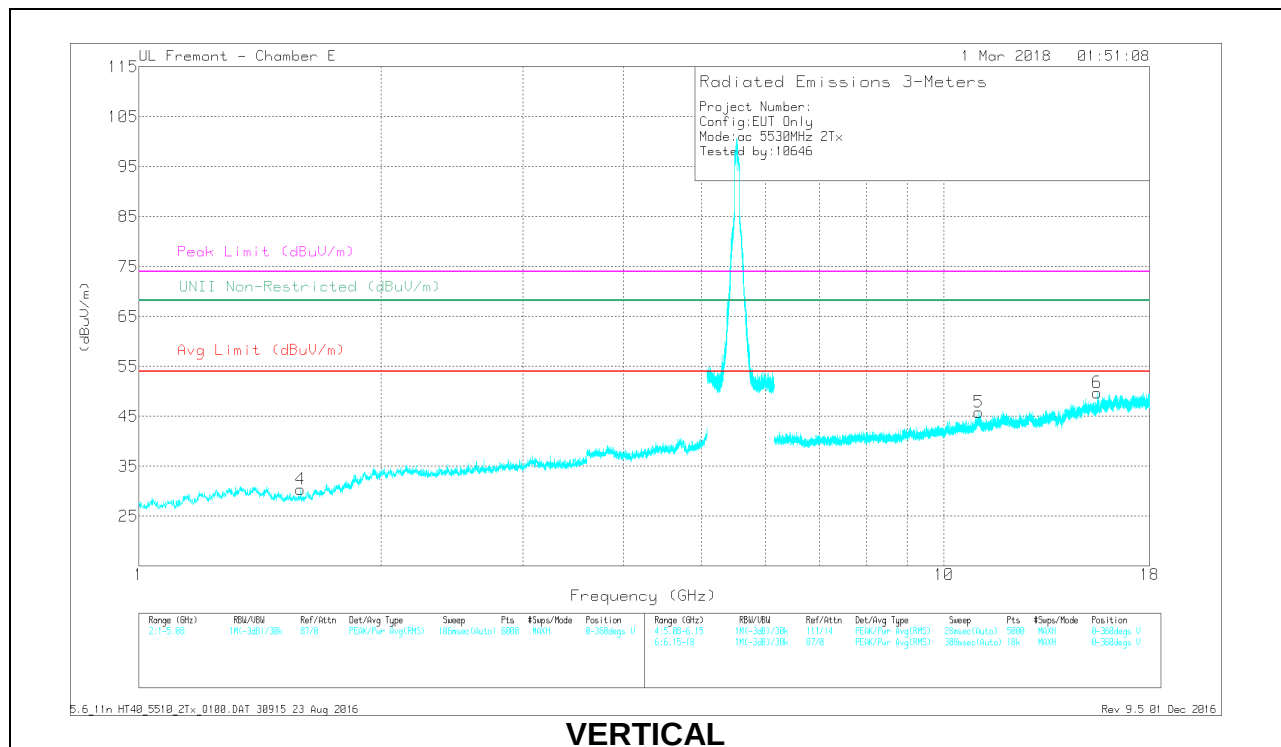
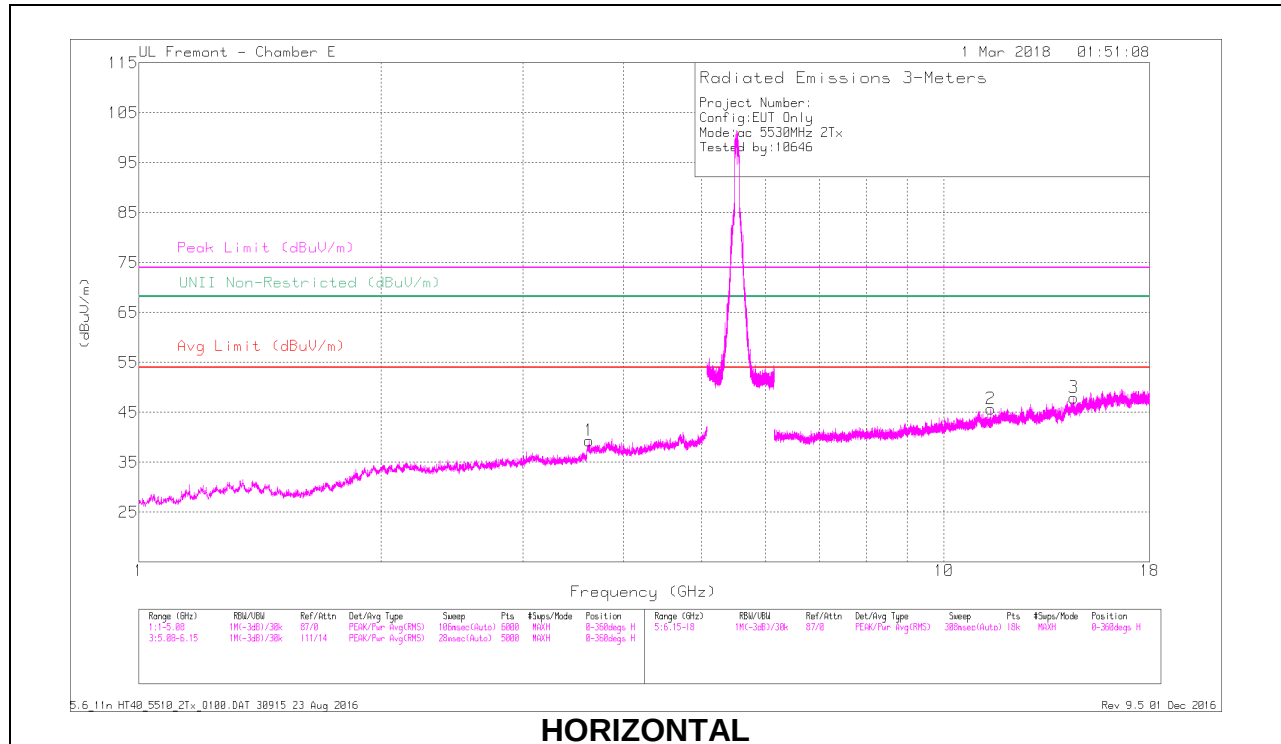


Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.451	30.82	RMS	35.1	-20	0.19	46.11	54	-7.89	-	-	95	230	V
2	* 5.458	42.61	Pk	35.1	-19.9	0	57.81	-	-	74	-16.19	95	230	V
1	* 5.46	39.19	Pk	35.1	-19.9	0	54.39	-	-	74	-19.61	95	230	V
5	* 5.46	28.64	RMS	35.1	-19.9	.19	44.03	54	-9.97	-	-	95	230	V
4	5.46	42.12	Pk	35.1	-19.9	0	57.32	-	-	68.2	-10.88	95	230	V
8	5.467	30.83	RMS	35.1	-19.9	.19	46.22	-	-	-	-	95	230	V
3	5.47	39.16	Pk	35.1	-19.8	0	54.46	-	-	68.2	-13.74	95	230	V
7	5.47	30.36	RMS	35.1	-19.8	.19	45.86	-	-	-	-	95	230	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

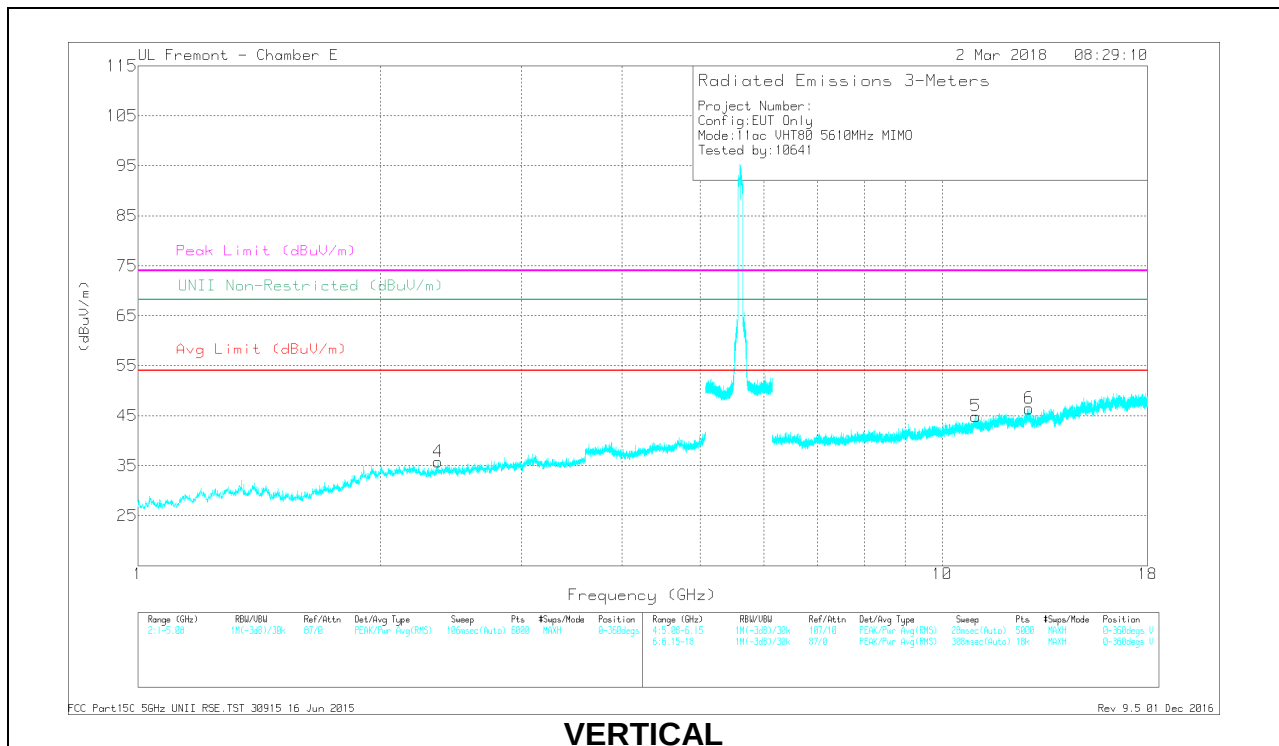
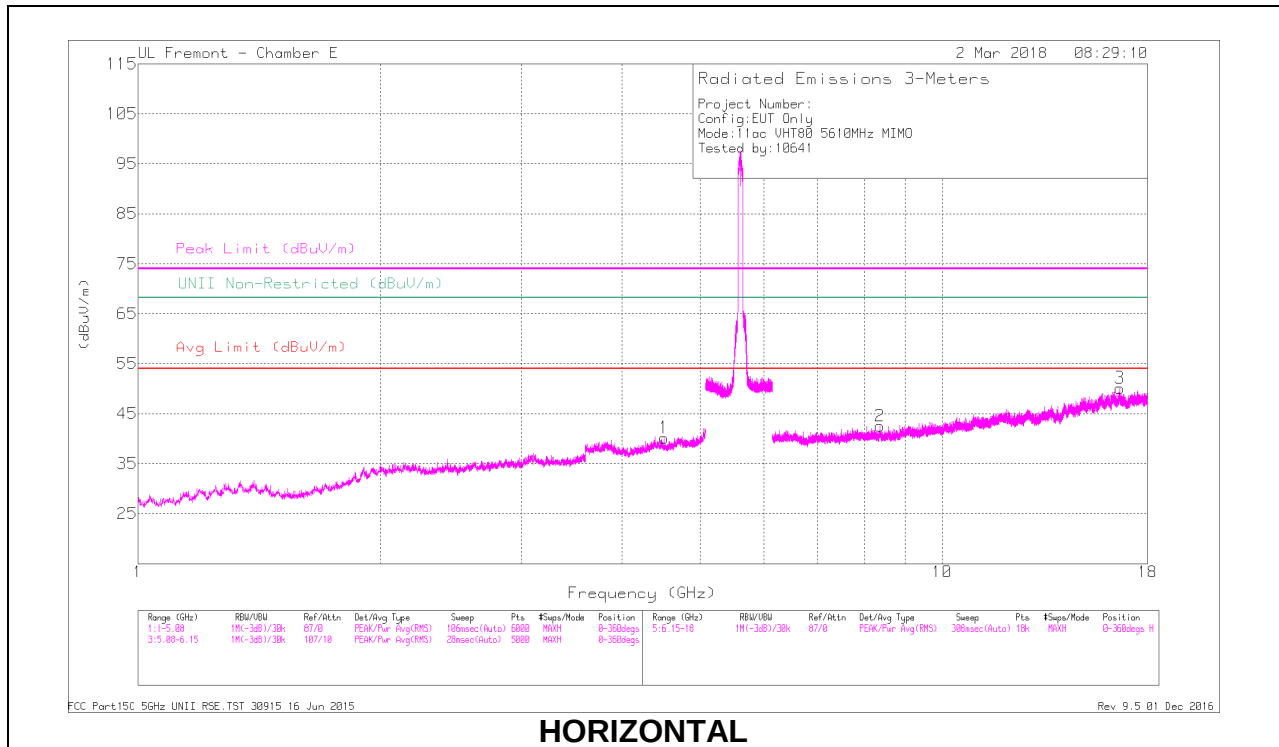
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.623	41.98	PK-U	33.4	-30.1	0	45.28	-	-	74	-28.72	-	-	10	398	H
	* 3.625	29.56	ADR	33.4	-30.1	.19	33.05	54	-20.95	-	-	-	-	10	398	H
4	* 1.589	44.02	PK-U	27.2	-34.3	0	36.92	-	-	74	-37.08	-	-	64	281	V
	* 1.588	31.73	ADR	27.2	-34.3	.19	24.79	54	-29.21	-	-	-	-	64	281	V
2	* 11.423	36.12	PK-U	38.5	-23.3	0	51.32	-	-	74	-22.68	-	-	112	113	H
	* 11.423	23.42	ADR	38.5	-23.3	.19	38.81	54	-15.19	-	-	-	-	112	113	H
3	* 14.482	37.03	PK-U	40.4	-23.1	0	54.33	-	-	74	-19.67	-	-	68	101	H
	* 14.482	24.48	ADR	40.4	-23.1	.19	41.97	54	-12.03	-	-	-	-	68	101	H
6	* 11.046	36.72	PK-U	38.5	-22.9	0	52.32	-	-	74	-21.68	-	-	336	125	V
	* 11.047	24.48	ADR	38.5	-22.9	.19	40.27	54	-13.73	-	-	-	-	336	125	V
6	* 15.499	35.43	PK-U	41.1	-22.1	0	54.43	-	-	74	-19.57	-	-	349	384	V
	* 15.499	22.65	ADR	41.1	-22.1	.19	41.84	54	-12.16	-	-	-	-	349	384	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

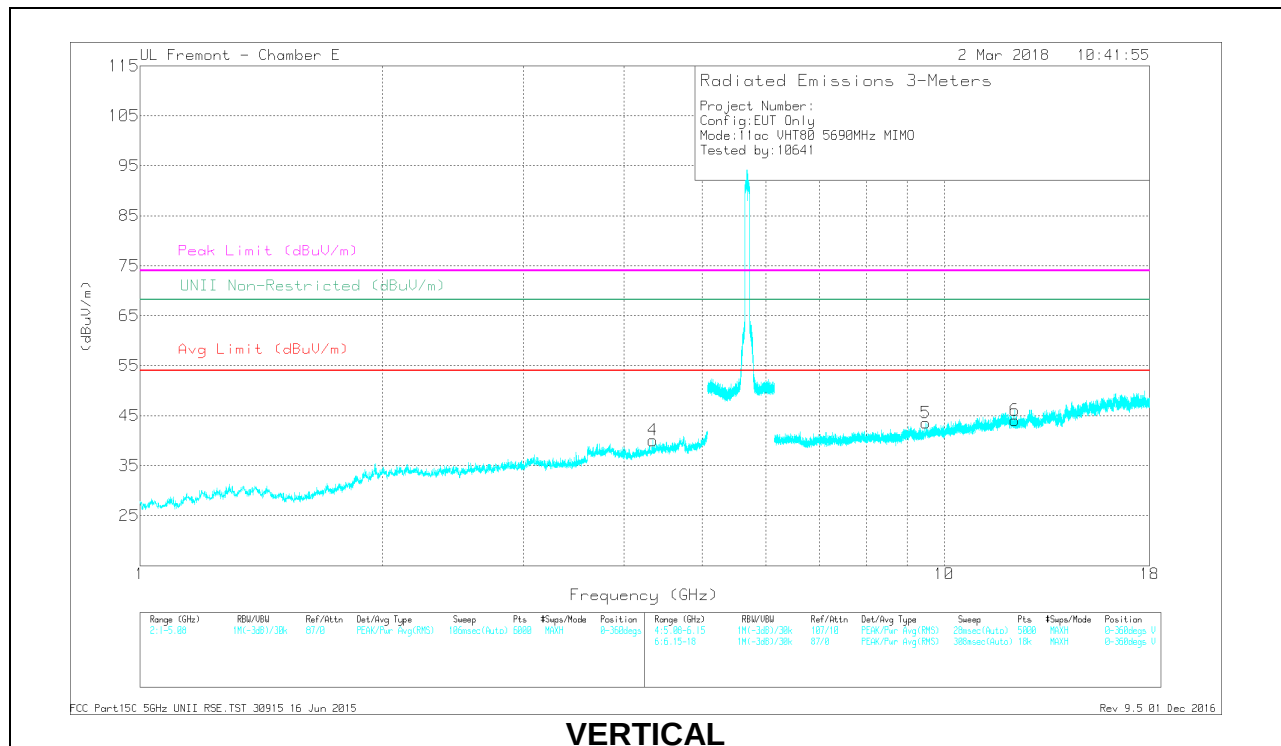
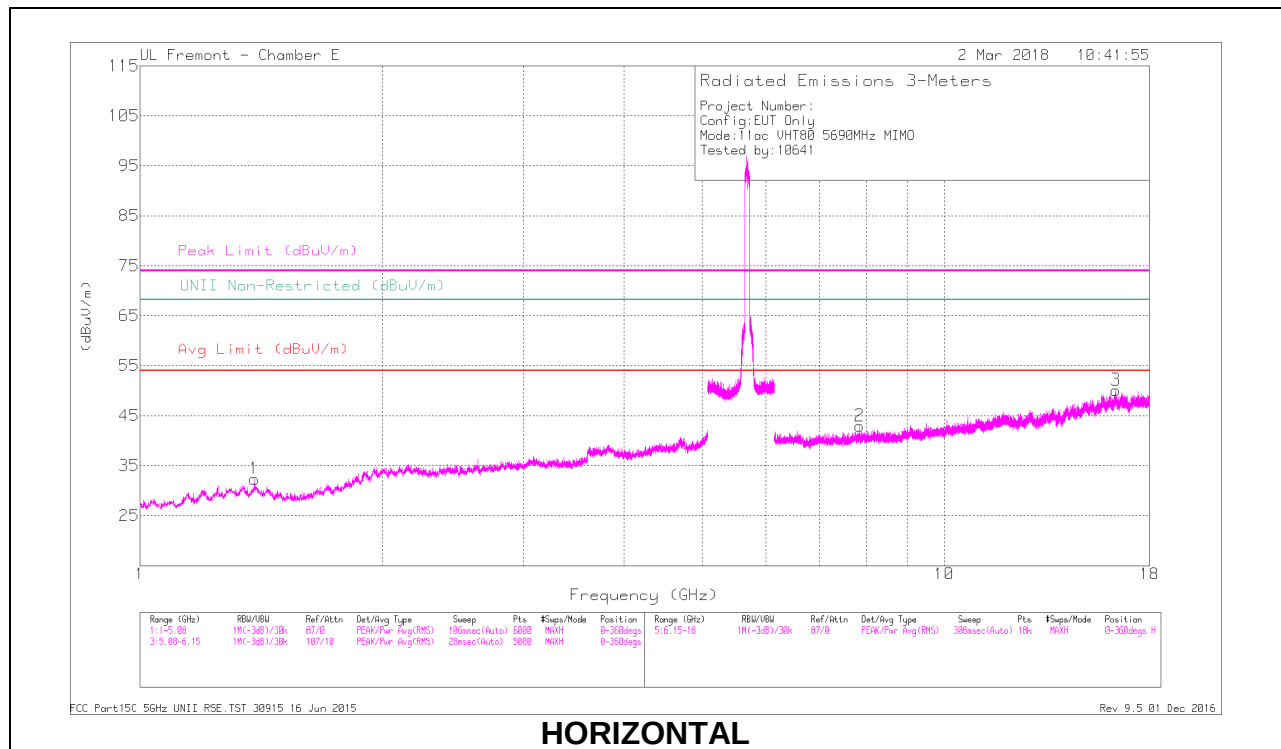
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Filtr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.512	41.17	PK-U	34.5	-29	0	46.67	-	-	74	-27.33	-	-	295	205	H
	* 4.516	29.1	ADR	34.5	-29	.19	34.79	54	-19.21	-	-	-	-	295	205	H
4	* 2.363	42.58	PK-U	31.9	-31.9	0	42.58	-	-	74	-31.42	-	-	288	235	V
	* 2.354	30.04	ADR	31.9	-32.1	.19	30.03	54	-23.97	-	-	-	-	288	235	V
2	* 8.364	39.36	PK-U	36.5	-25.6	0	50.26	-	-	74	-23.74	-	-	242	103	H
	* 8.359	26.18	ADR	36.5	-25.7	.19	37.17	54	-16.83	-	-	-	-	242	103	H
5	* 11.006	36.18	PK-U	38.5	-22.4	0	52.28	-	-	74	-21.72	-	-	56	123	V
	* 11.002	23.24	ADR	38.5	-22.4	.19	39.53	54	-14.47	-	-	-	-	56	123	V
6	12.83	35.91	PK-U	39.8	-23.6	0	52.11	-	-	-	-	68.2	-16.09	110	153	V
3	16.622	35.32	PK-U	41.9	-21.5	0	55.72	-	-	-	-	68.2	-12.48	141	169	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

CHANNEL 138 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.394	45.04	PK-U	28.8	-34.4	0	39.44	-	-	74	-34.56	-	-	180	310	H
	* 1.395	32.38	ADR	28.8	-34.4	.19	26.97	54	-27.03	-	-	-	-	180	310	H
4	* 4.347	41.69	PK-U	34	-29.9	0	45.79	-	-	74	-28.21	-	-	333	379	V
	* 4.333	29.64	ADR	34	-29.9	.19	33.93	54	-20.04	-	-	-	-	333	379	V
5	* 9.479	36.81	PK-U	37.2	-24.5	0	49.51	-	-	74	-24.49	-	-	92	391	V
	* 9.484	24.23	ADR	37.2	-24.4	.19	37.22	54	-16.78	-	-	-	-	92	391	V
6	* 12.244	37.23	PK-U	39	-23.9	0	52.33	-	-	74	-21.67	-	-	356	144	V
	* 12.235	24.59	ADR	39	-24.2	.19	39.58	54	-14.42	-	-	-	-	356	144	V
2	7.848	38.97	PK-U	36.5	-26.1	0	49.37	-	-	-	-	68.2	-18.83	13	118	H
3	16.342	35.85	PK-U	41.4	-22	0	55.25	-	-	-	-	68.2	-12.95	18	318	H

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

PK-U - U-NII: Maximum Peak

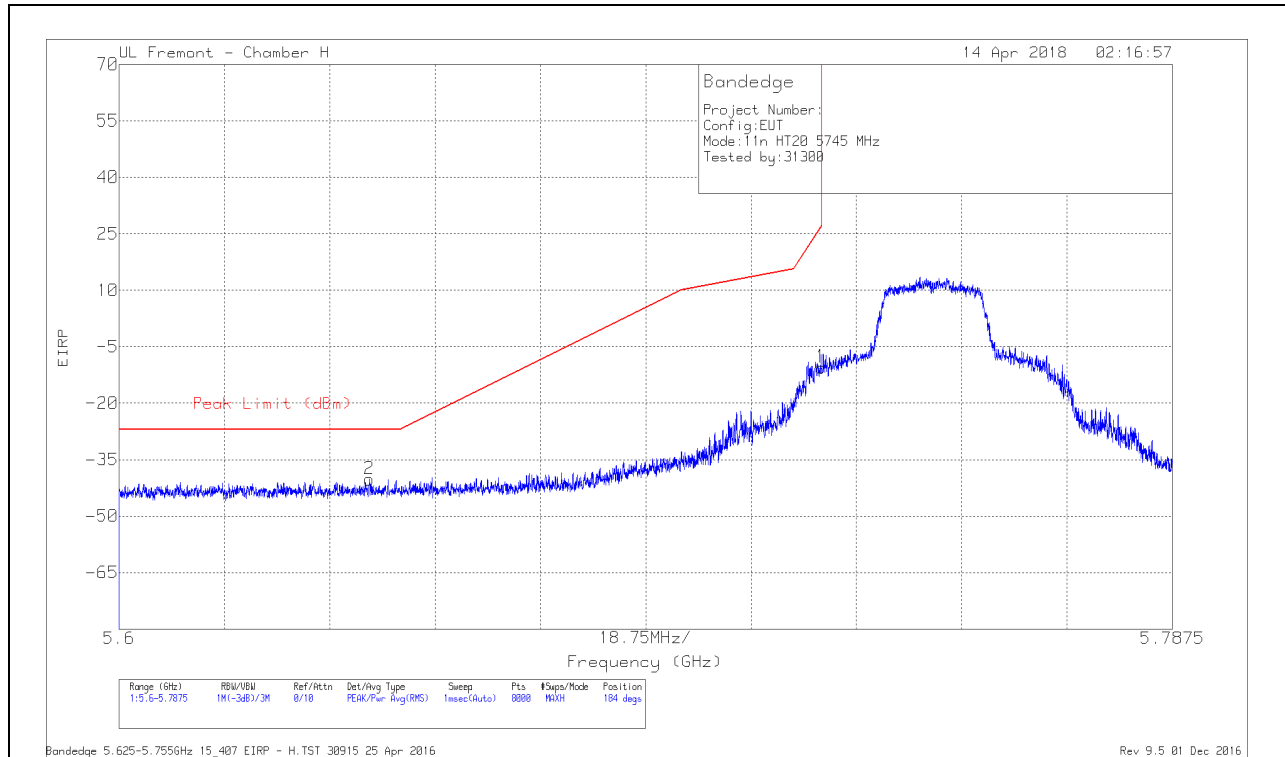
ADR - U-NII AD primary method, RMS average

9.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6

BANDEGE (LOW CHANNEL)

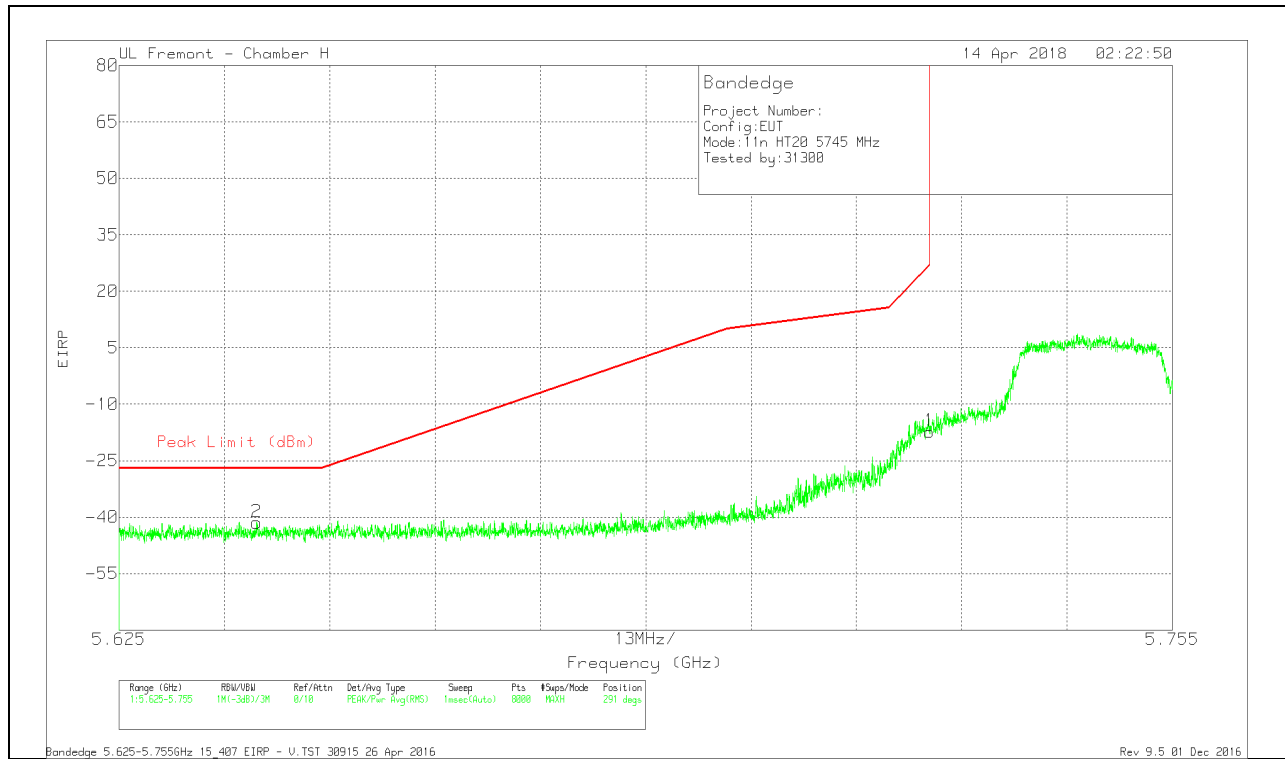
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbll/Filtr/P ad (dB)	Conversion Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-63.3	Pk	34.9	-23.6	11.8	-40.2	-27	-13.2	184	130	H
1	5.725	-33.88	Pk	35.1	-23.5	11.8	-10.48	26.96	-37.44	184	130	H

Pk - Peak detector

VERTICAL RESULT

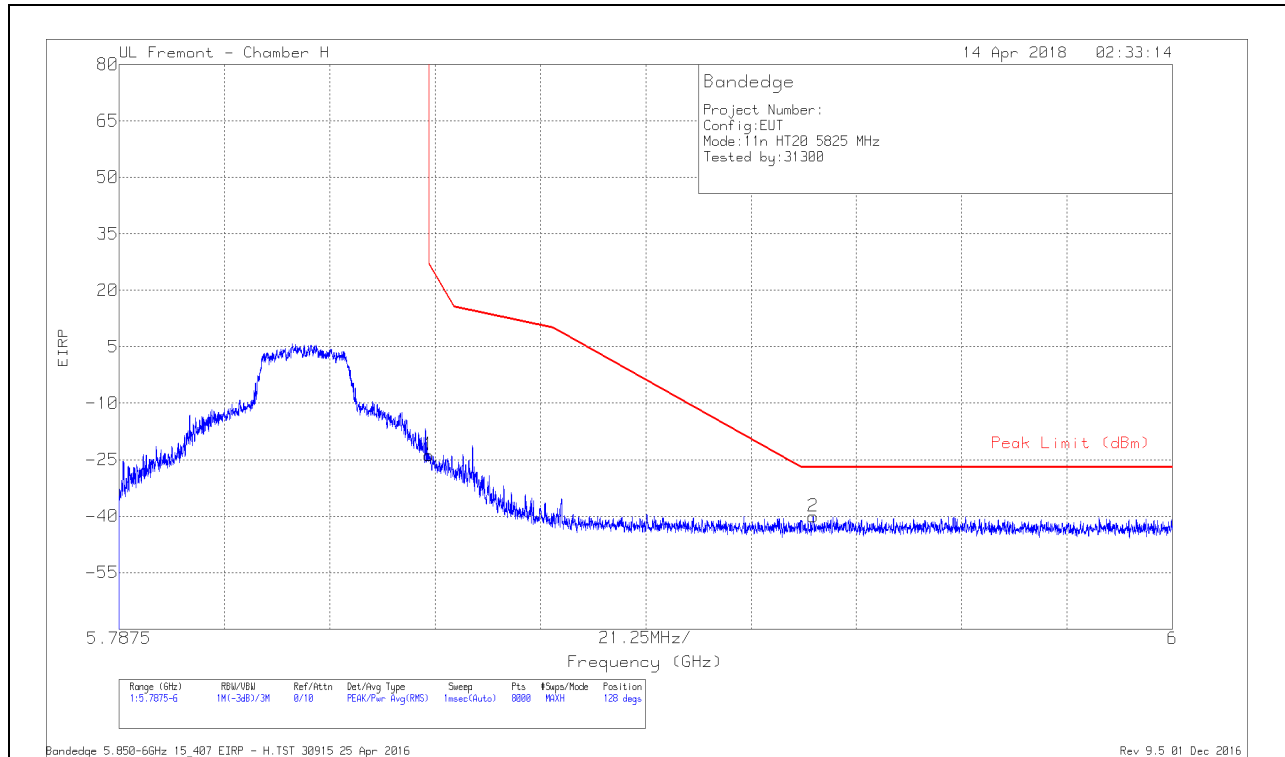


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-64.5	Pk	34.9	-23.6	11.8	-41.4	-27	-14.4	291	109	V
1	5.725	-40.64	Pk	35.1	-23.5	11.8	-17.24	27	-44.24	291	109	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

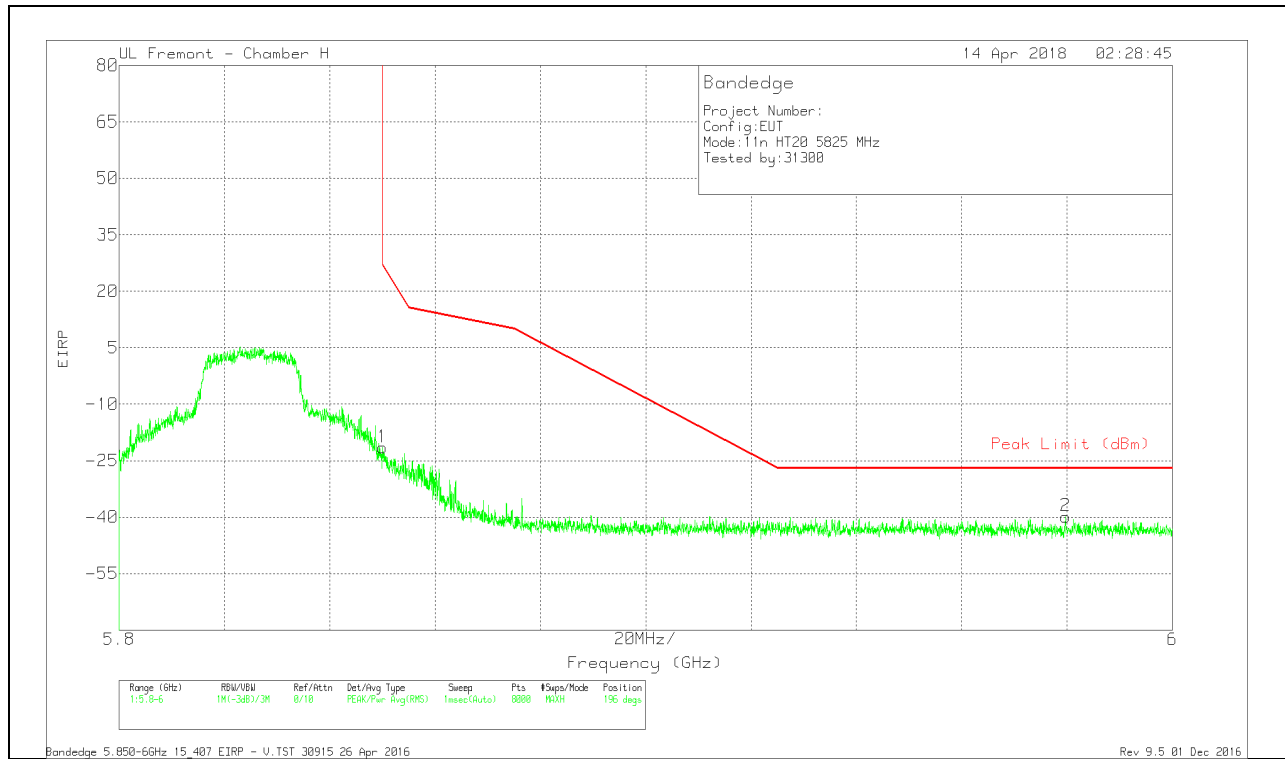
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Conversio n Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.69	Pk	35.4	-23.3	11.8	-23.79	26.98	-50.77	128	332	H
2	5.928	-64.32	Pk	35.5	-23.1	11.8	-40.12	-27	-13.12	128	332	H

Pk - Peak detector

VERTICAL RESULT



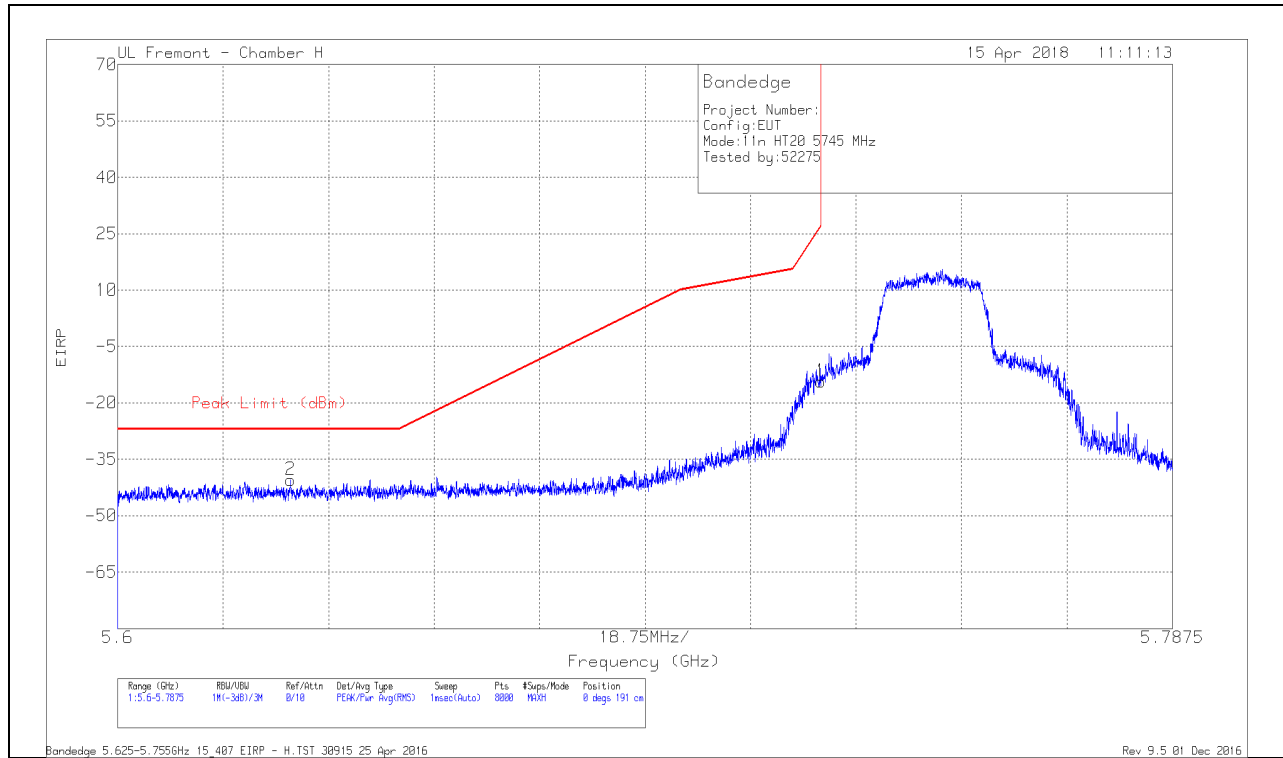
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.42	Pk	35.4	-23.3	11.8	-21.52	26.99	-48.51	196	349	V
2	5.98	-64.11	Pk	35.5	-23	11.8	-39.81	-27	-12.81	196	349	V

Pk - Peak detector

1TX Antenna 5

BANDEDGE (LOW CHANNEL)

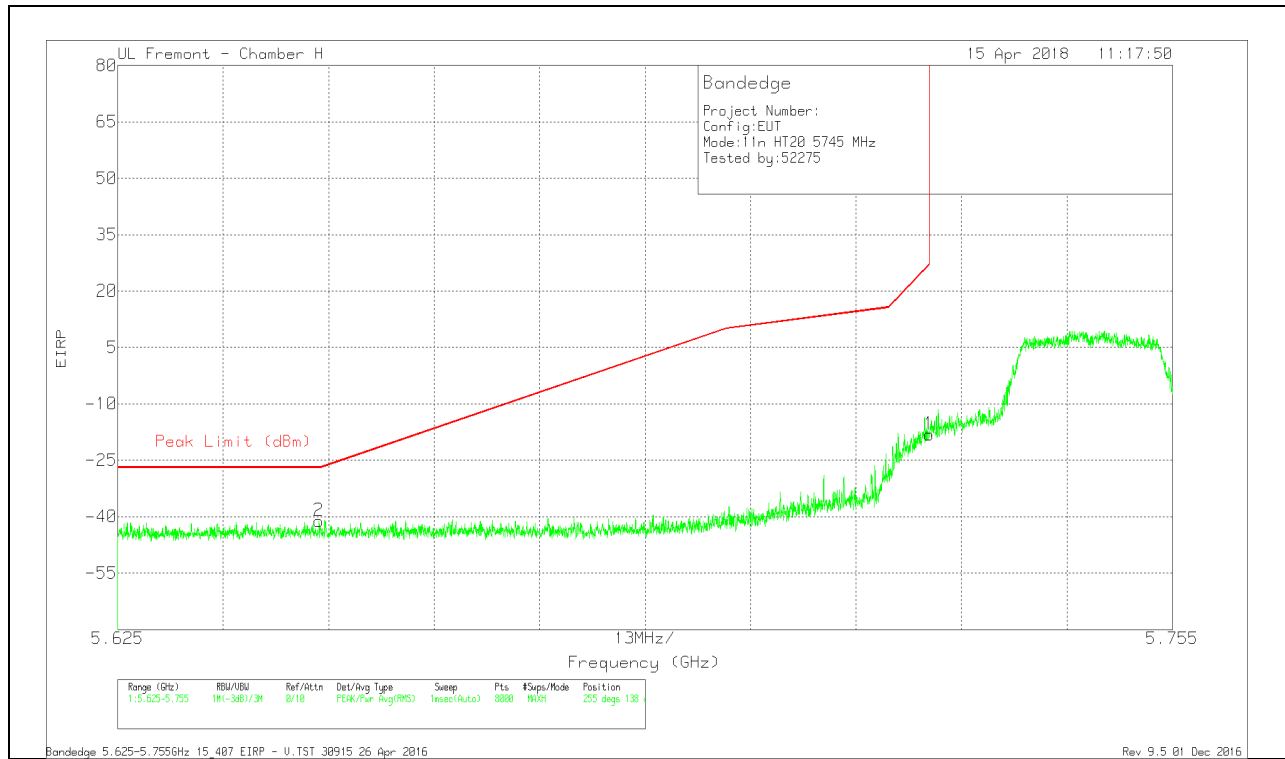
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-63.63	Pk	34.9	-23.5	11.8	-40.43	-27	-13.43	0	191	H
1	5.725	-37.69	Pk	35.1	-23.5	11.8	-14.29	26.96	-41.25	0	191	H

Pk - Peak detector

VERTICAL RESULT

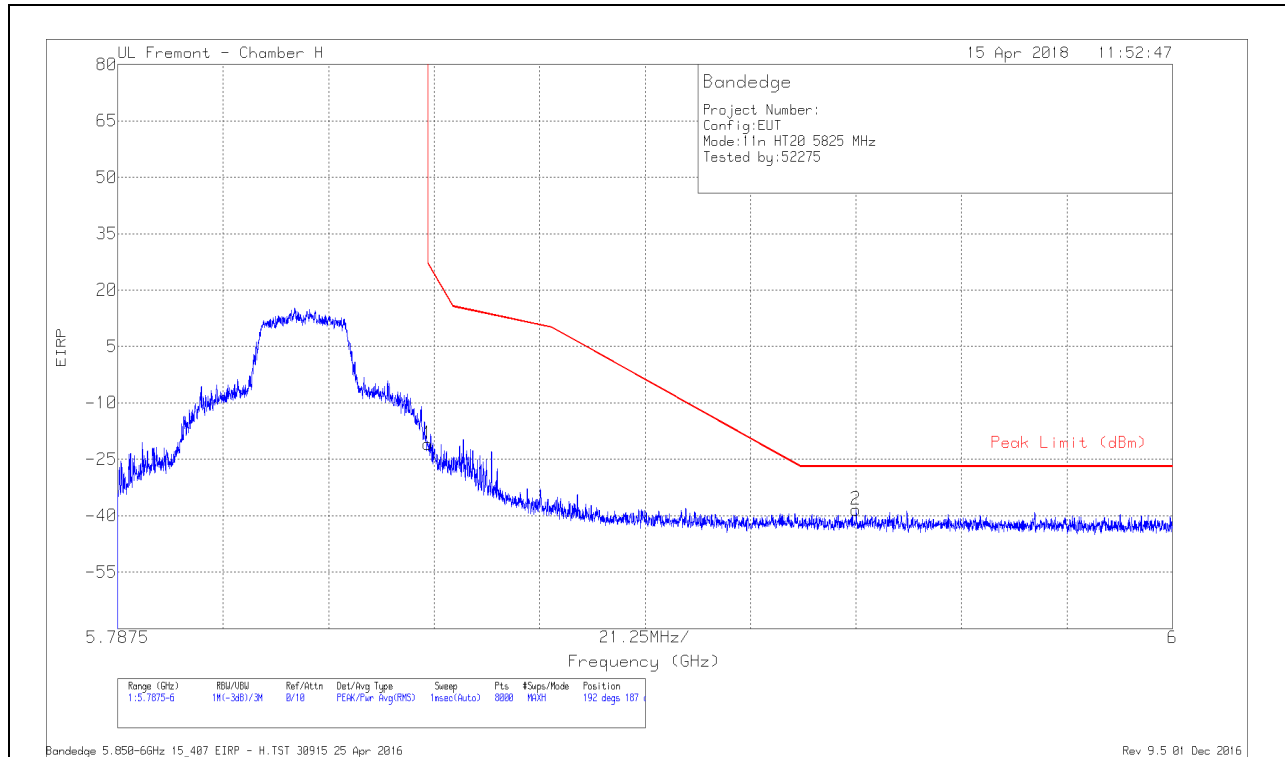


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-64.28	Pk	34.9	-23.6	11.8	-41.18	-27	-14.18	255	138	V
1	5.725	-41.49	Pk	35.1	-23.5	11.8	-18.09	27	-45.09	255	138	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

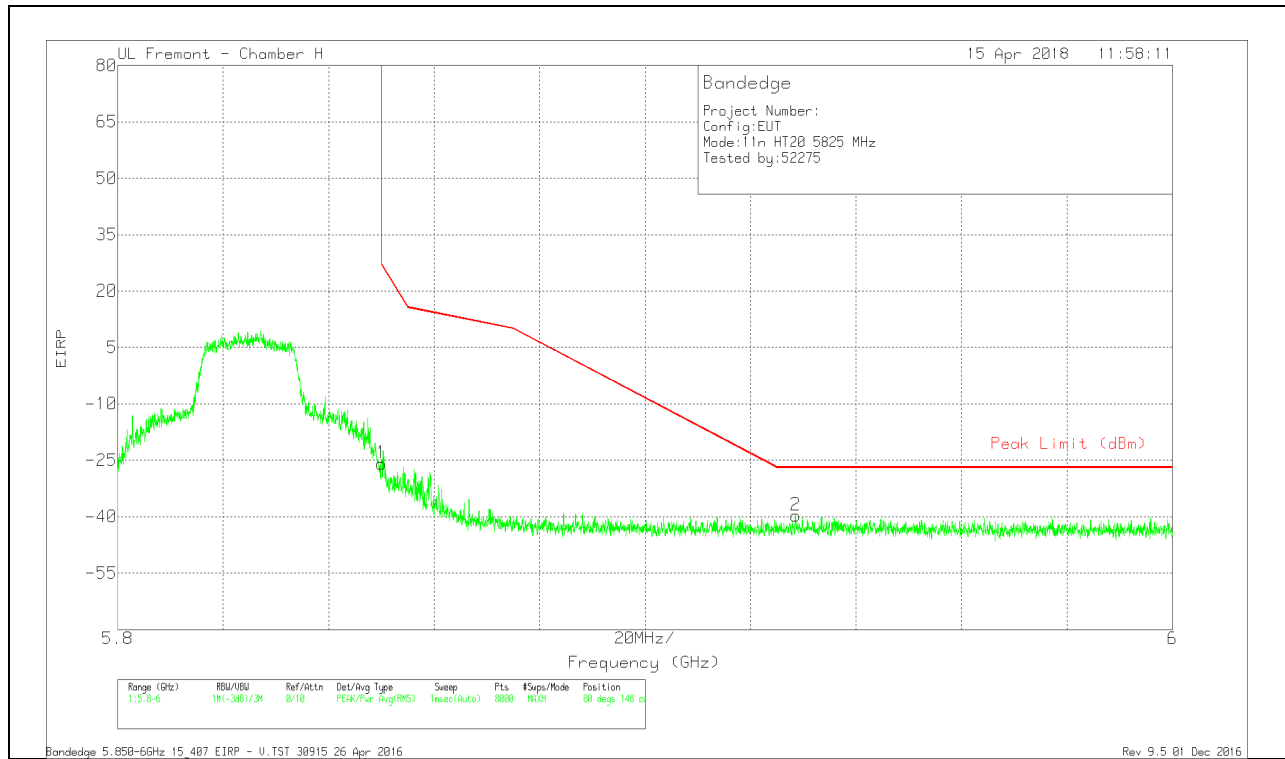
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.75	Pk	35.4	-23.3	11.8	-20.85	26.98	-47.83	192	187	H
2	5.936	-62.57	Pk	35.5	-23.1	11.8	-38.37	-27	-11.37	192	187	H

Pk - Peak detector

VERTICAL RESULT



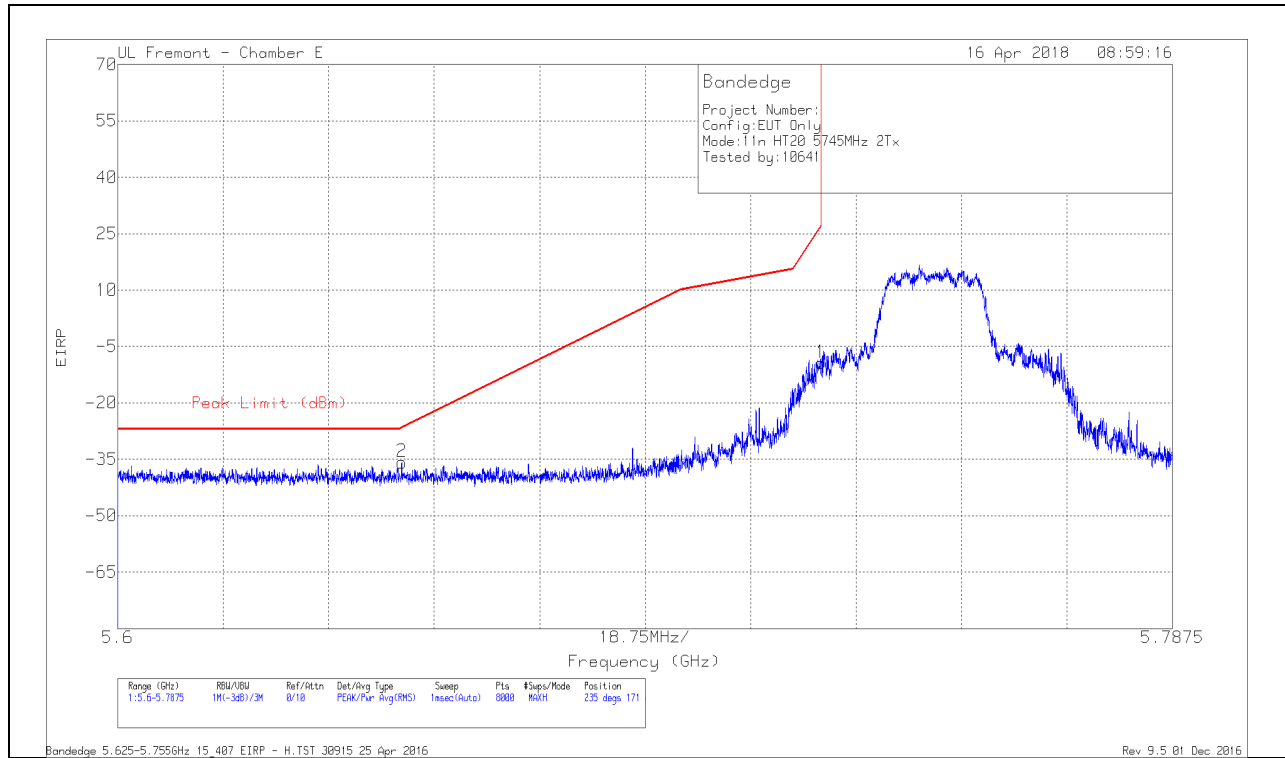
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.71	Pk	35.4	-23.3	11.8	-25.81	26.99	-52.8	80	148	V
2	5.929	-63.95	Pk	35.5	-23.1	11.8	-39.75	-27	-12.75	80	148	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

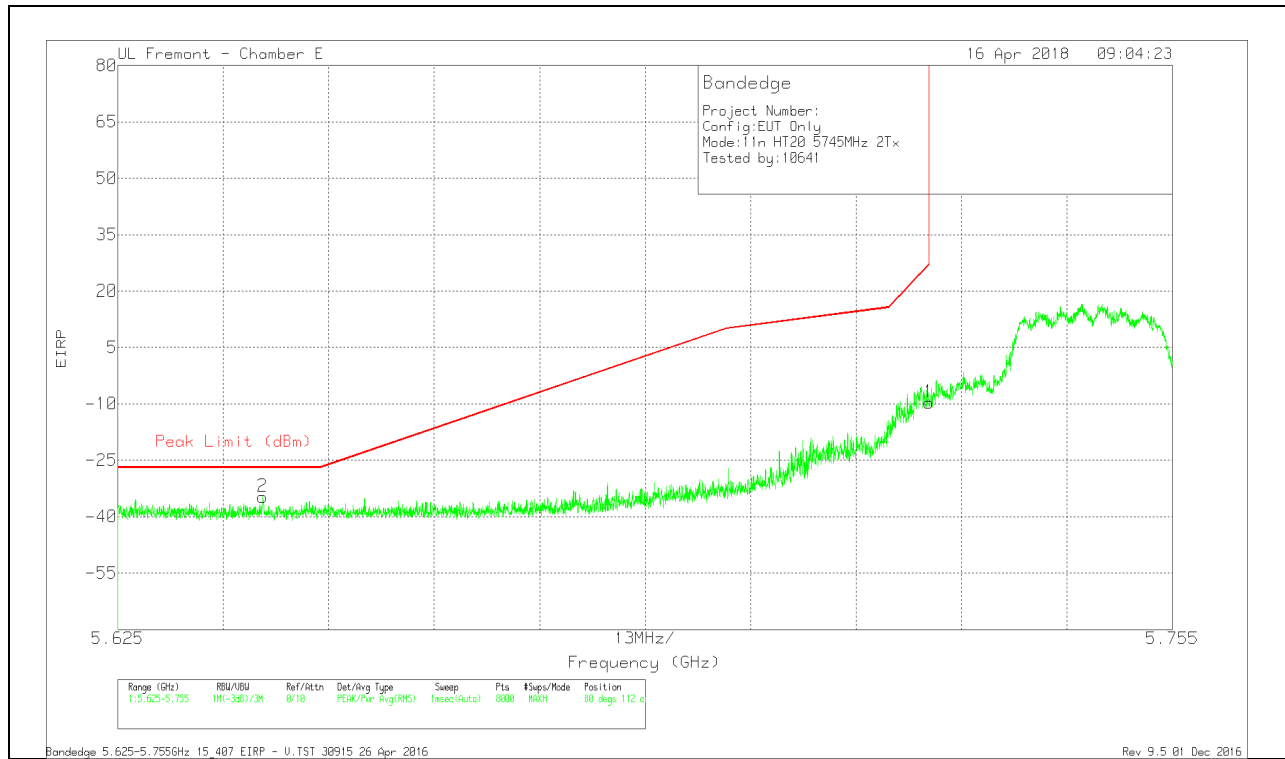
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-63.28	Pk	35.1	-19.4	11.8	-35.78	-26.66	-9.12	235	171	H
1	5.725	-36.83	Pk	35.1	-19.4	11.8	-9.33	26.96	-36.29	235	171	H

Pk - Peak detector

VERTICAL RESULT

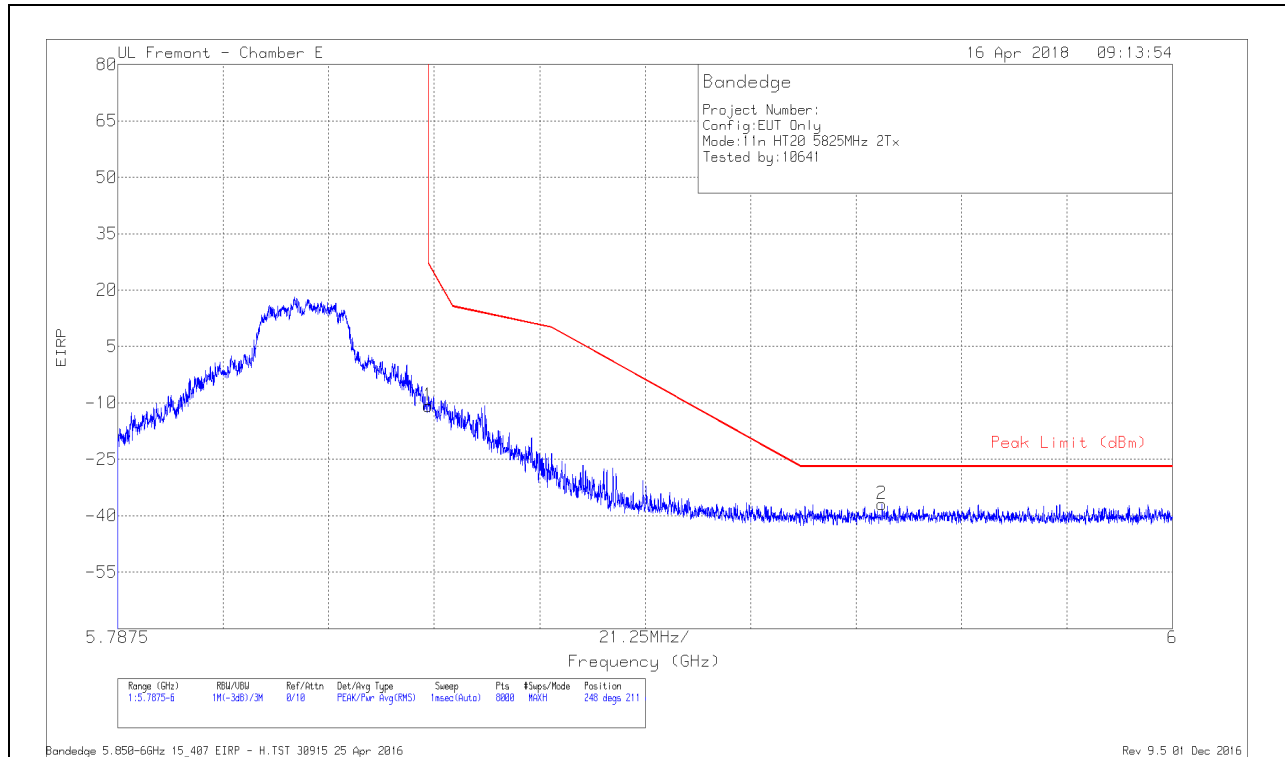


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-62.07	Pk	35	-19.4	11.8	-34.67	-27	-7.67	80	112	V
1	5.725	-37.22	PK	35.1	-19.4	11.8	-9.72	27	-36.72	80	112	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

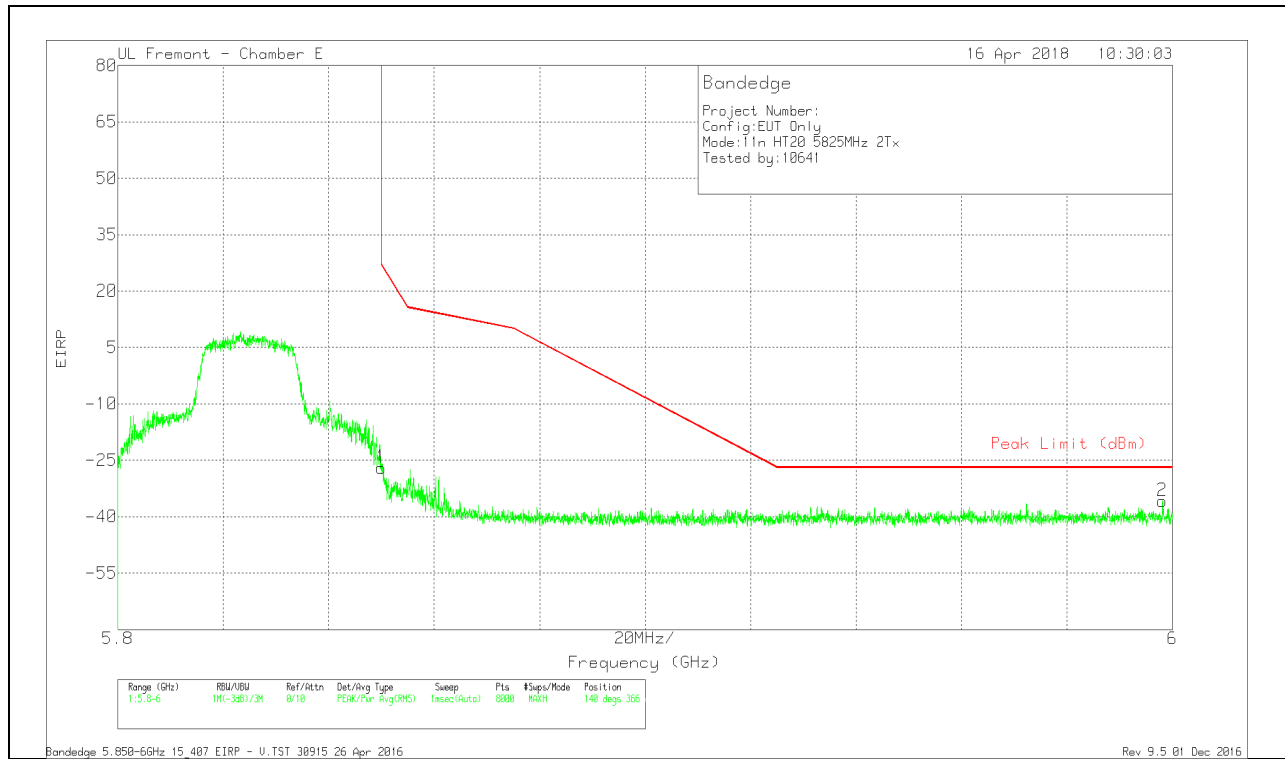
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.14	Pk	35.2	-19.6	11.8	-10.74	26.98	-37.72	248	211	H
2	5.941	-64.47	Pk	35.3	-19.6	11.8	-36.97	-27	-9.97	248	211	H

Pk - Peak detector

VERTICAL RESULT

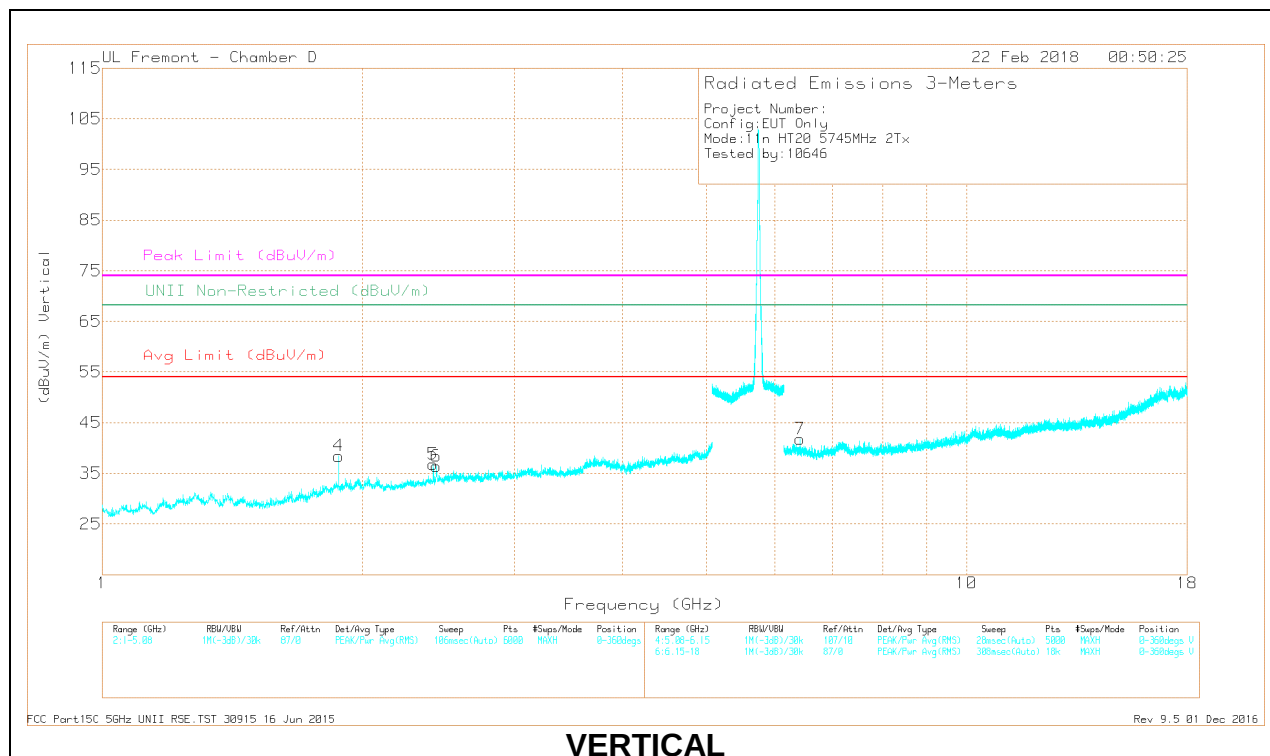
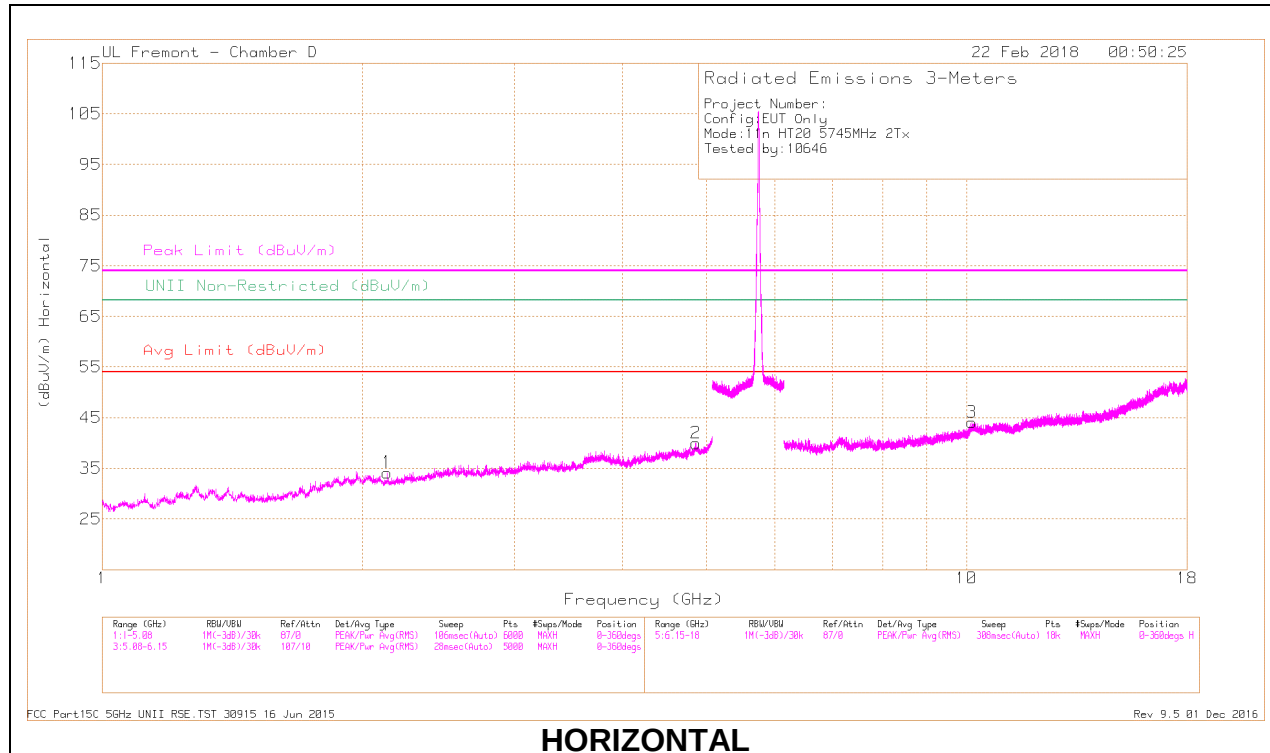


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.35	Pk	35.2	-19.6	11.8	-26.95	26.99	-53.94	140	366	V
2	5.998	-63.98	Pk	35.4	-19	11.8	-35.78	-27	-8.78	140	366	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

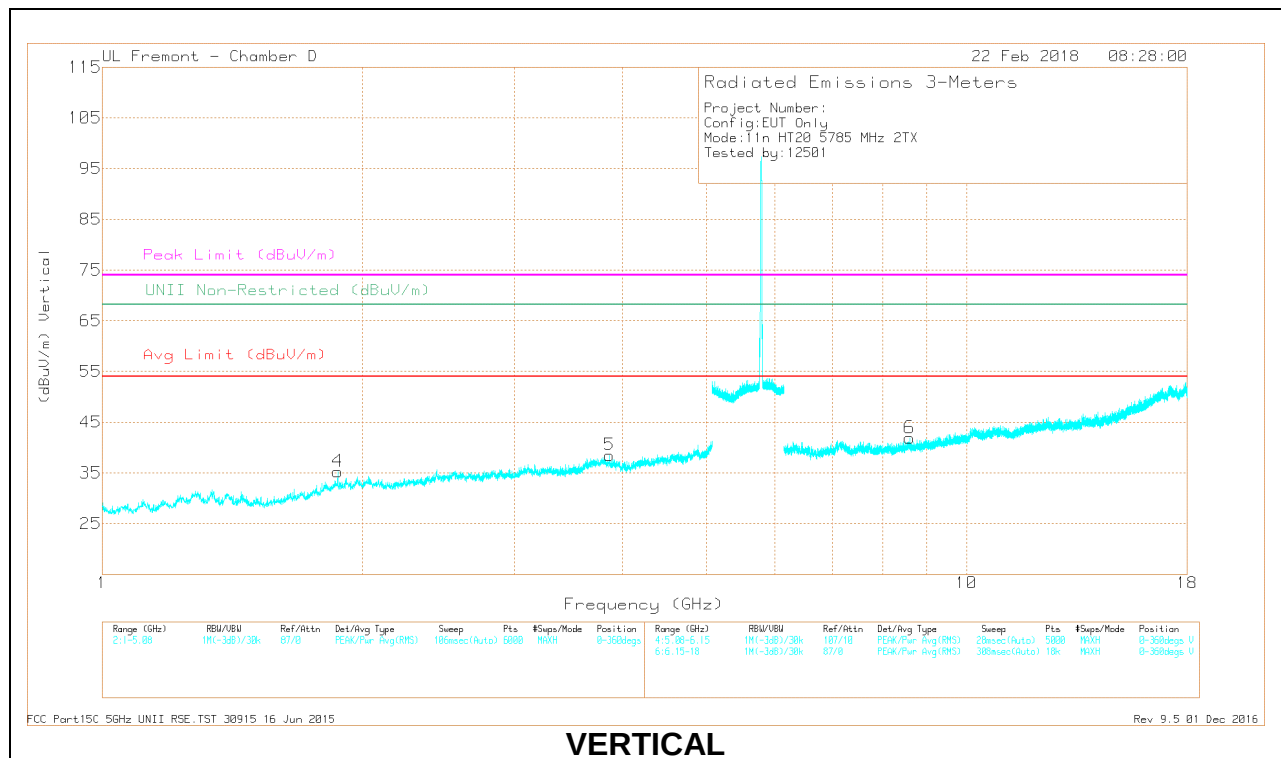
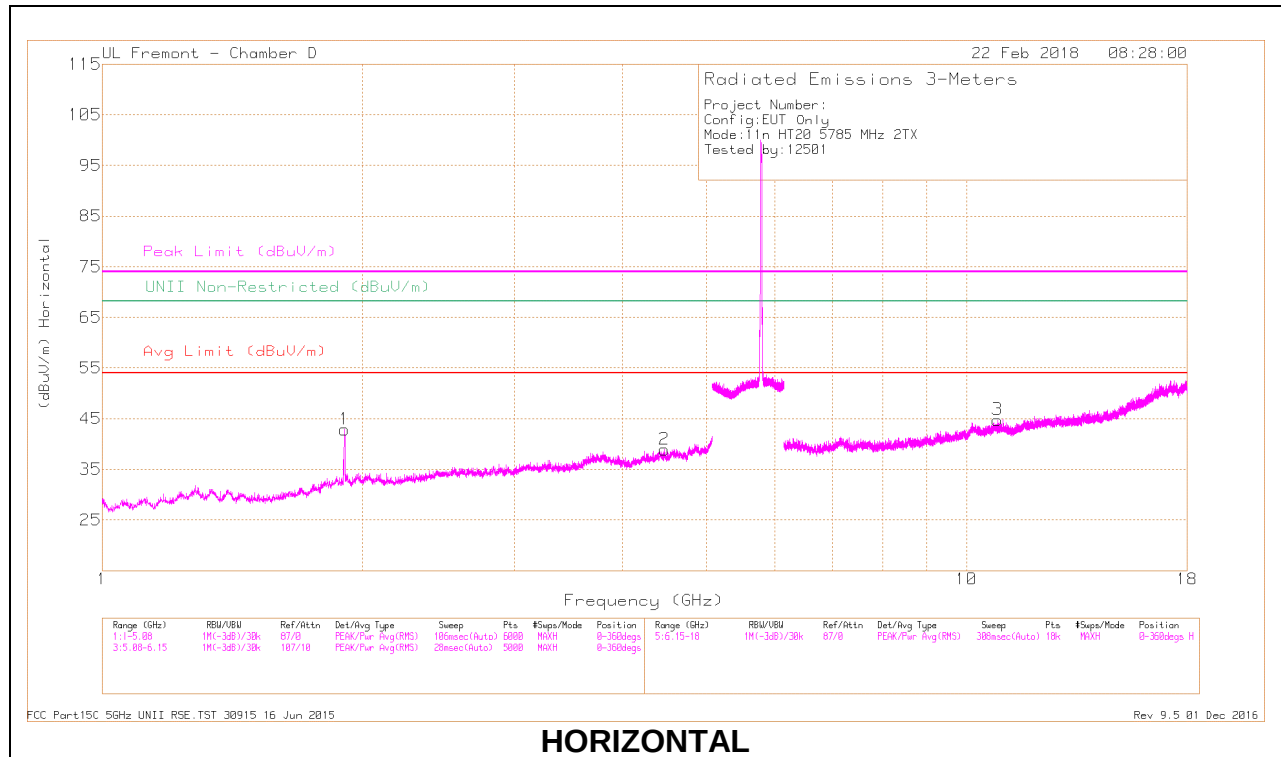
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.863	36.74	PK-U	34.4	-25.1	46.04	-	-	74	-27.96	-	-	314	272	H
	* 4.863	24.88	ADR	34.4	-25.1	34.18	54	-19.82	-	-	-	-	314	272	H
4	1.878	40.16	PK-U	31.4	-31.1	40.46	-	-	-	-	68.2	-27.74	97	301	V
1	2.136	39.74	PK-U	31	-30.4	40.34	-	-	-	-	68.2	-27.86	178	265	H
5	2.416	40.09	PK-U	32.1	-30.3	41.89	-	-	-	-	68.2	-26.31	356	369	V
6	2.435	41.93	PK-U	32.2	-30.4	43.73	-	-	-	-	68.2	-24.47	325	210	V
7	6.414	37.89	PK-U	36	-25.9	47.99	-	-	-	-	68.2	-20.21	57	397	V
3	10.147	33.1	PK-U	37.4	-20.1	50.4	-	-	-	-	68.2	-17.8	207	290	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

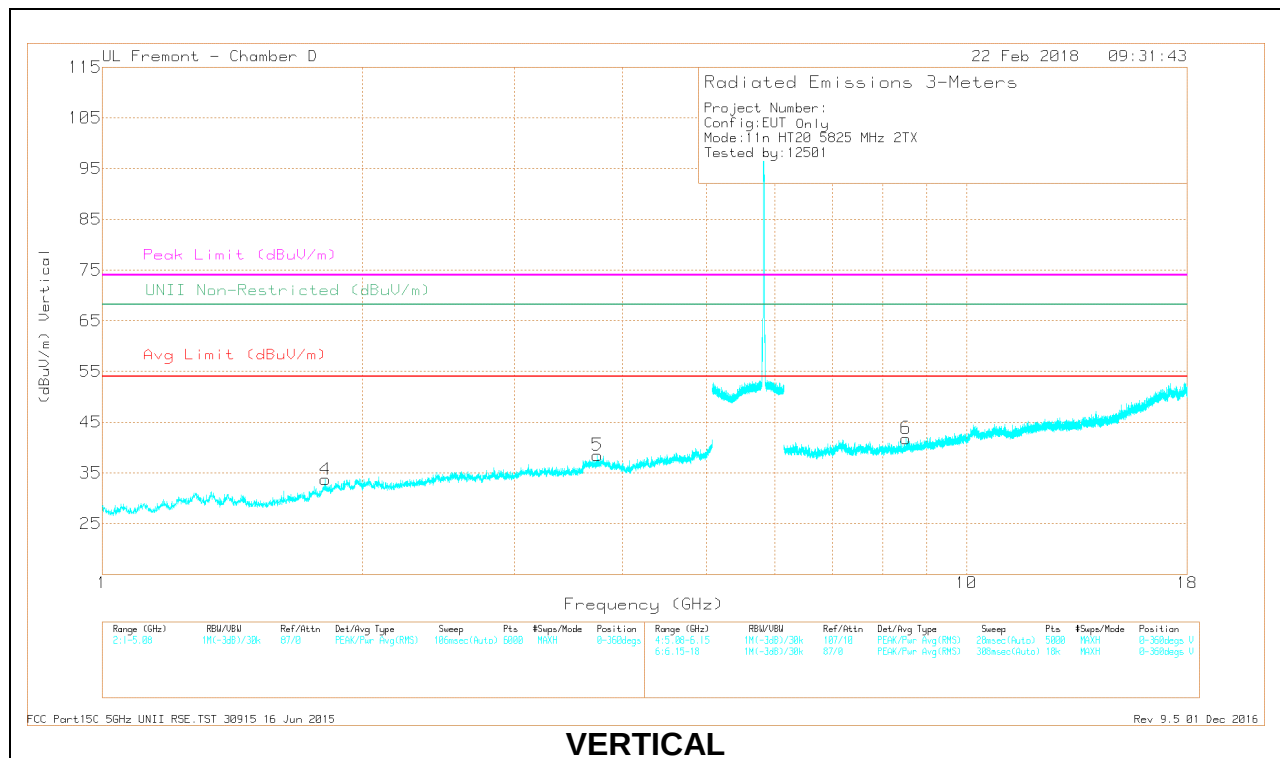
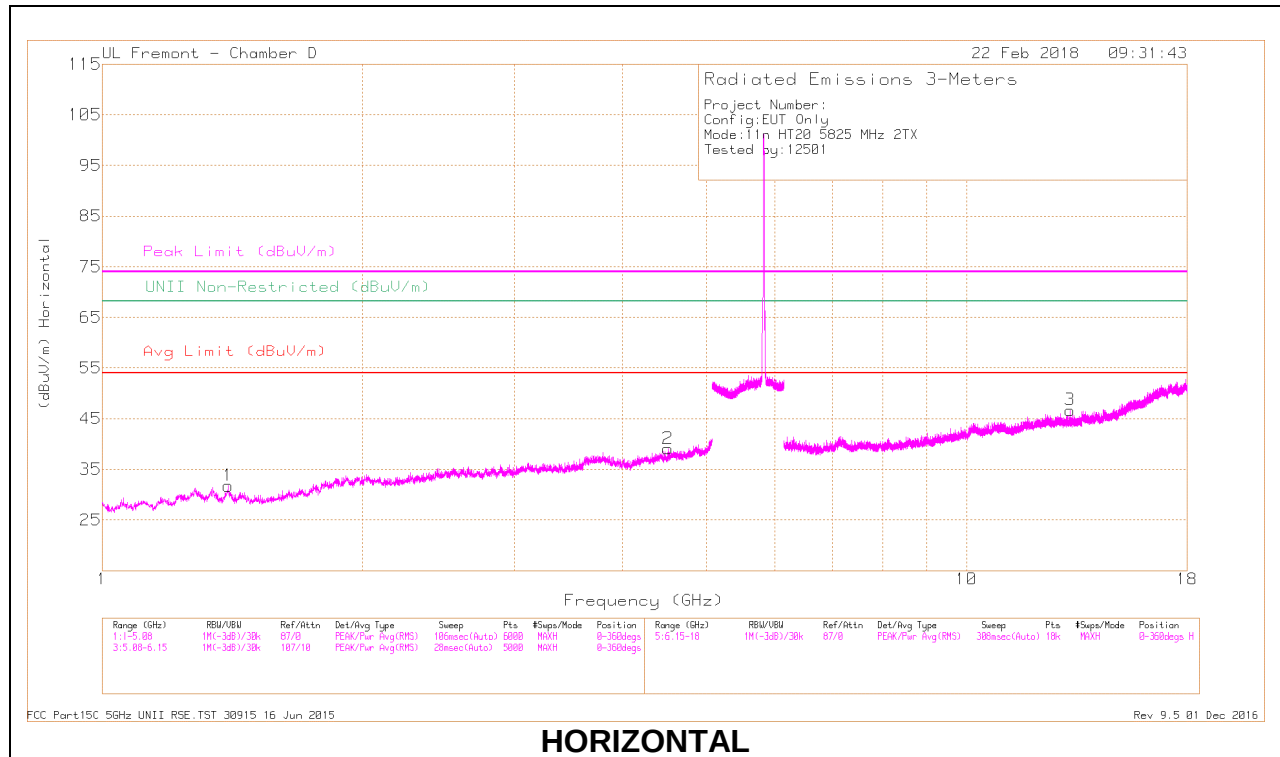
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 3.865	39.9	PK-U	33.6	-28.6	44.9	-	-	74	-29.1	-	-	85	239	V
	* 3.862	27.05	ADR	33.6	-28.5	32.15	54	-21.85	-	-	-	-	85	239	V
3	* 10.859	33.74	PK-U	37.7	-20.6	50.84	-	-	74	-23.16	-	-	312	208	H
	* 10.862	21.64	ADR	37.7	-20.6	38.74	54	-15.26	-	-	-	-	312	208	H
4	1.872	40.22	PK-U	31.4	-31.1	40.52	-	-	-	-	68.2	-27.68	77	249	V
1	1.909	40.14	PK-U	31.5	-30.9	40.74	-	-	-	-	68.2	-27.46	45	150	H
2	4.475	38.15	PK-U	34.4	-28	44.55	-	-	-	-	68.2	-23.65	185	213	H
6	8.602	33.89	PK-U	35.9	-22	47.79	-	-	-	-	68.2	-20.41	235	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.4	42.15	PK-U	28.8	-30.9	40.05	-	-	74	-33.95	-	-	252	277	H
	* 1.398	28.96	ADR	28.8	-30.8	26.96	54	-27.04	-	-	-	-	252	277	H
2	* 4.514	38.58	PK-U	34.5	-27.9	45.18	-	-	74	-28.82	-	-	64	331	H
	* 4.514	26.37	ADR	34.5	-27.9	32.97	54	-21.03	-	-	-	-	64	331	H
5	* 3.743	38.65	PK-U	33.4	-28.7	43.35	-	-	74	-30.65	-	-	66	151	V
	* 3.743	26.76	ADR	33.5	-28.7	31.56	54	-22.44	-	-	-	-	66	151	V
4	1.811	40.56	PK-U	30.6	-31	40.16	-	-	-	-	68.2	-28.04	172	274	V
6	8.506	35.48	PK-U	35.9	-23.4	47.98	-	-	-	-	68.2	-20.22	83	207	V
3	13.182	34.34	PK-U	39.1	-20.9	52.54	-	-	-	-	68.2	-15.66	88	400	H

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

PK-U - U-NII: Maximum Peak

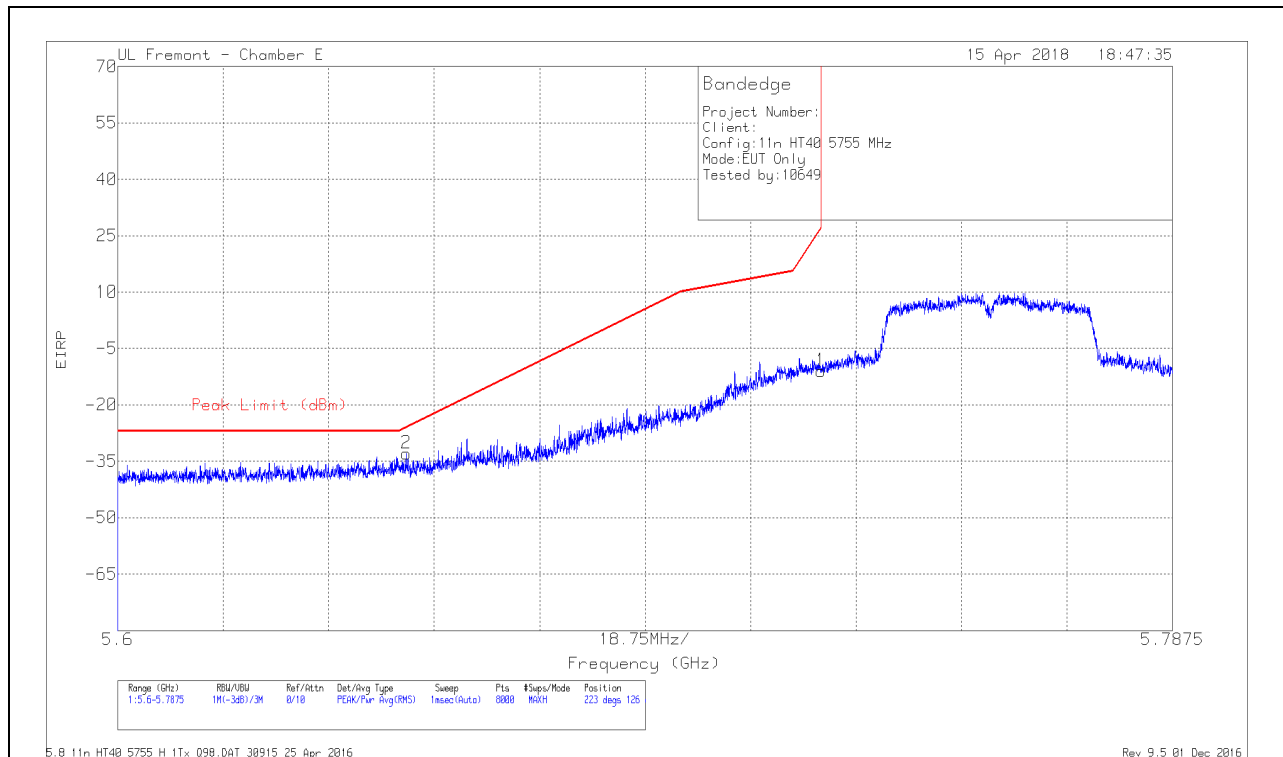
ADR - U-NII AD primary method, RMS average

9.1.11. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6

BANDEGE (LOW CHANNEL)

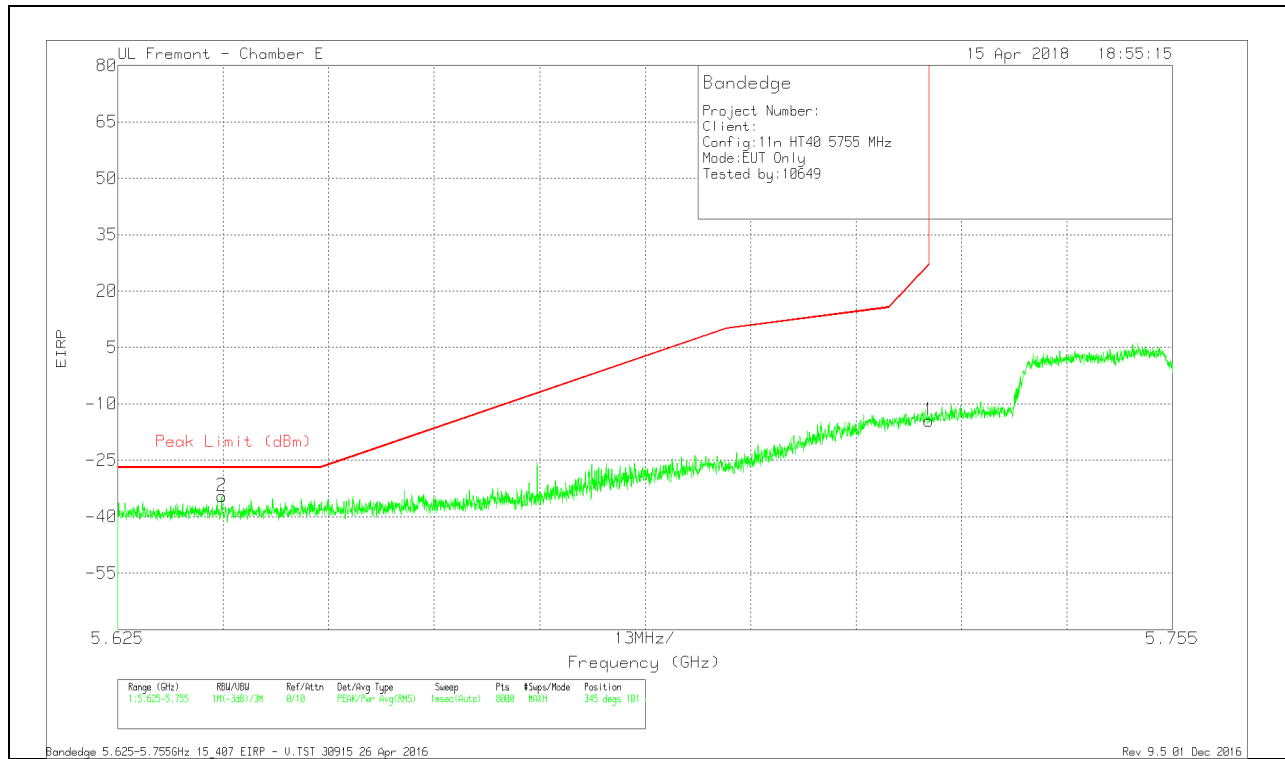
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Ampl/Cbtl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651	-60.47	Pk	35.1	-19.3	11.8	-32.87	-26.07	-6.8	223	126	H
1	5.725	-38.44	Pk	35.1	-19.4	11.8	-10.94	26.96	-37.9	223	126	H

Pk - Peak detector

VERTICAL RESULT

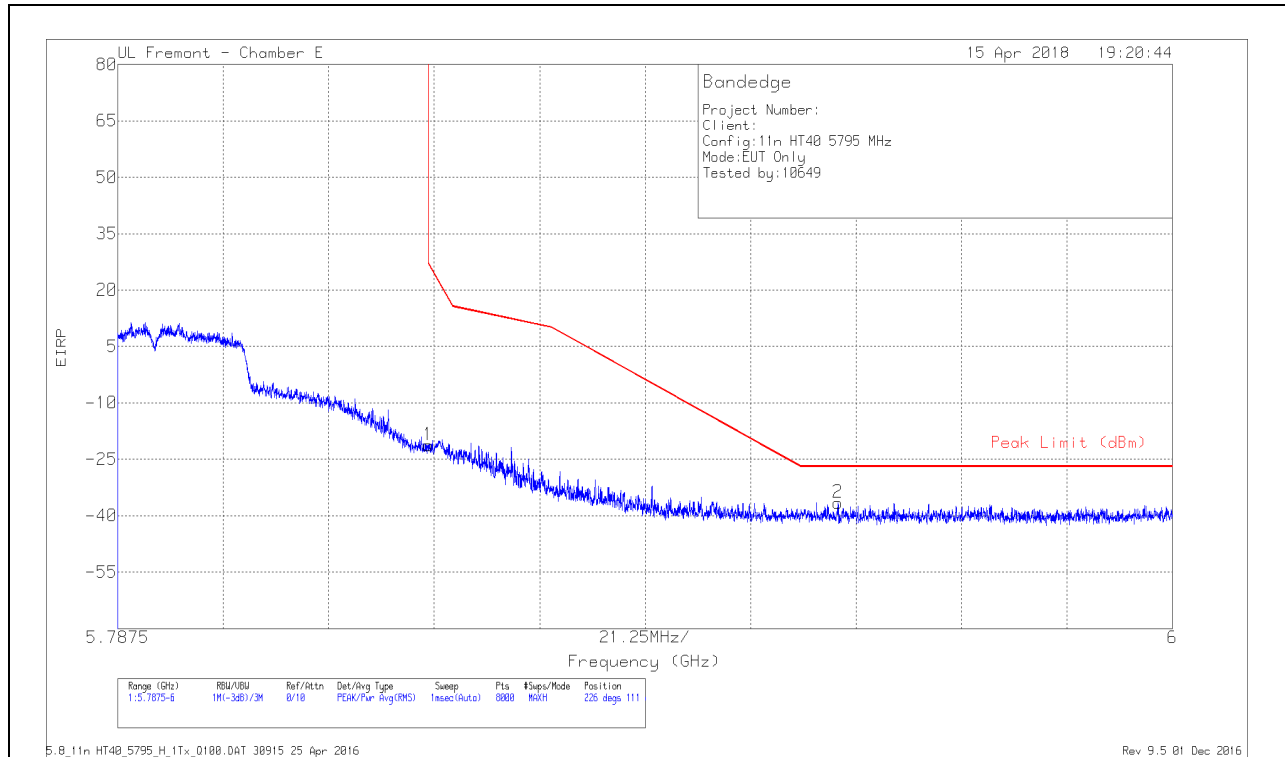


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.638	-61.88	Pk	35	-19.4	11.8	-34.48	-27	-7.48	345	101	V
1	5.725	-41.88	Pk	35.1	-19.4	11.8	-14.38	27	-41.38	345	101	V

Pk - Peak detector

BANEDGE (HIGH CHANNEL)

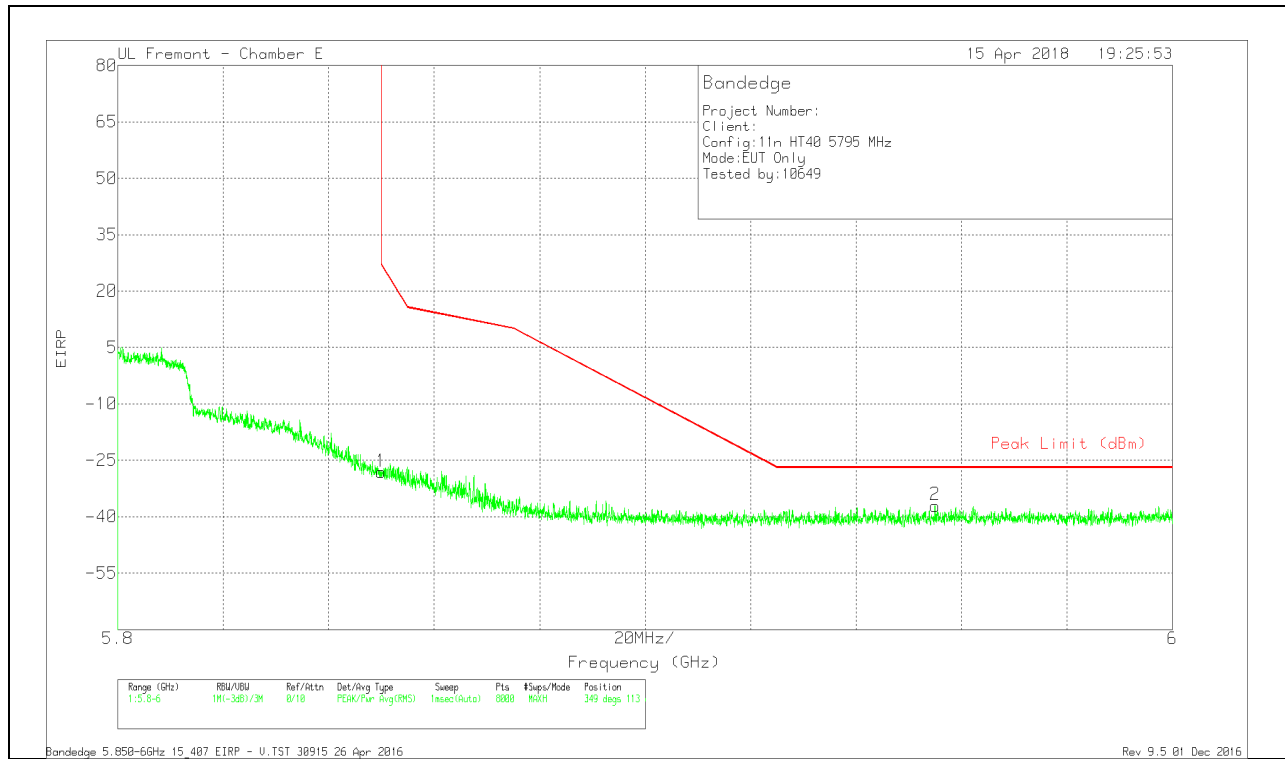
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.7	Pk	35.2	-19.6	11.8	-21.3	26.98	-48.28	226	111	H
2	5.933	-63.98	Pk	35.2	-19.6	11.8	-36.58	-27	-9.58	226	111	H

Pk - Peak detector

VERTICAL RESULT



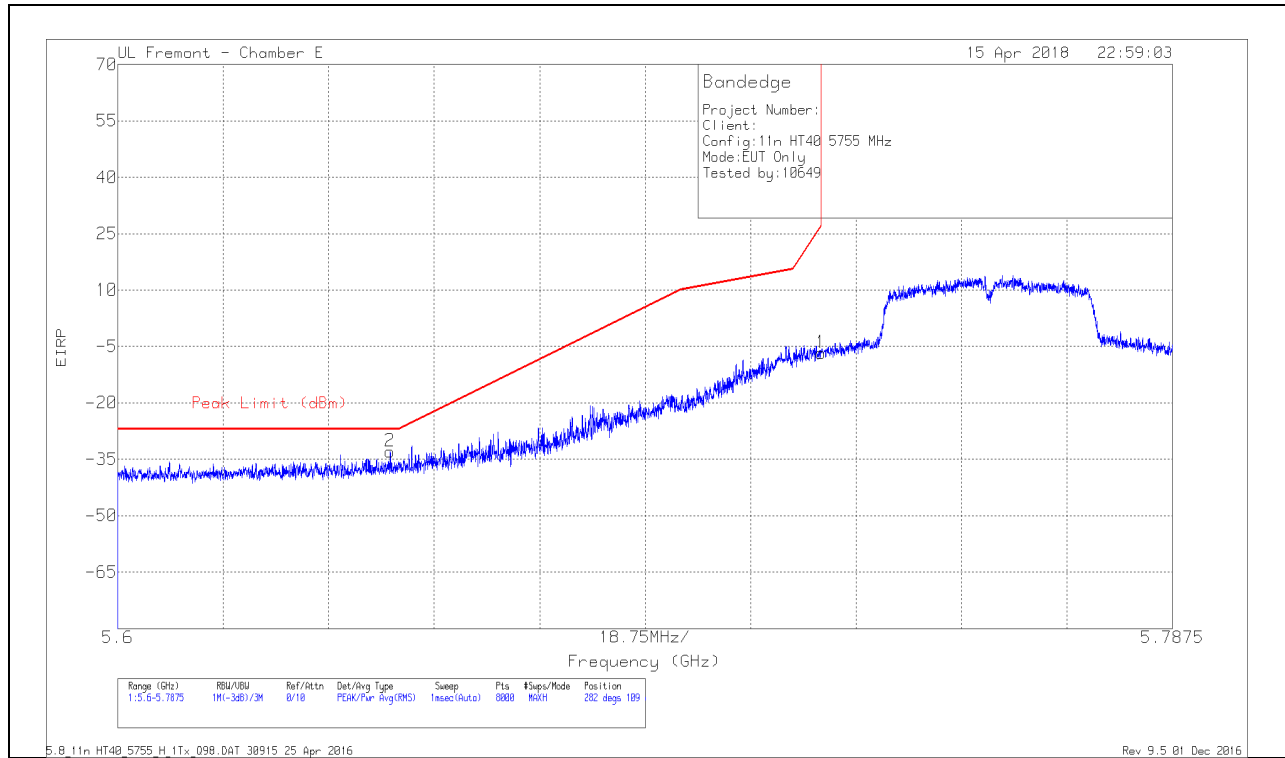
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.43	Pk	35.2	-19.6	11.8	-28.03	26.99	-55.02	349	113	V
2	5.955	-64.72	Pk	35.3	-19.4	11.8	-37.02	-27	-10.02	349	113	V

Pk - Peak detector

1TX Antenna 5

BANDEDGE (LOW CHANNEL)

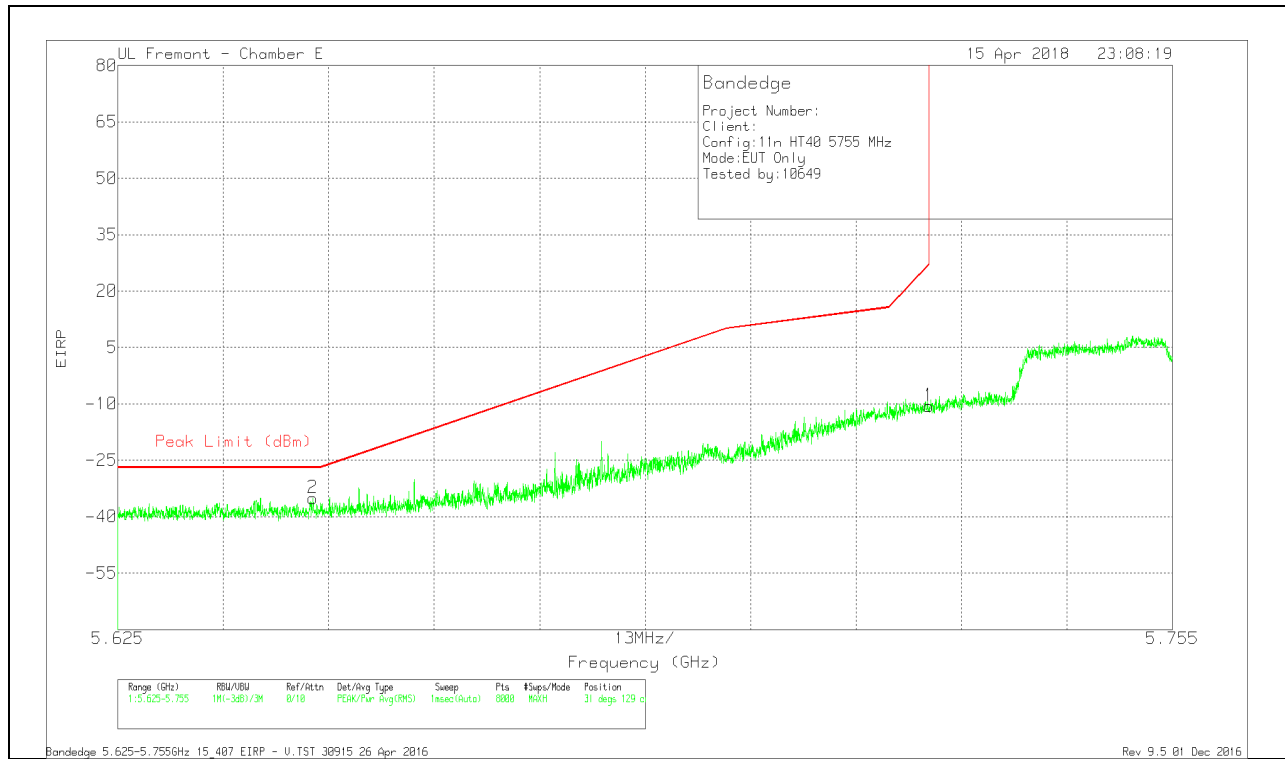
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-60.27	Pk	35	-19.4	11.8	-32.87	-27	-5.87	282	109	H
1	5.725	-34.26	Pk	35.1	-19.4	11.8	-6.76	26.96	-33.72	282	109	H

Pk - Peak detector

VERTICAL RESULT

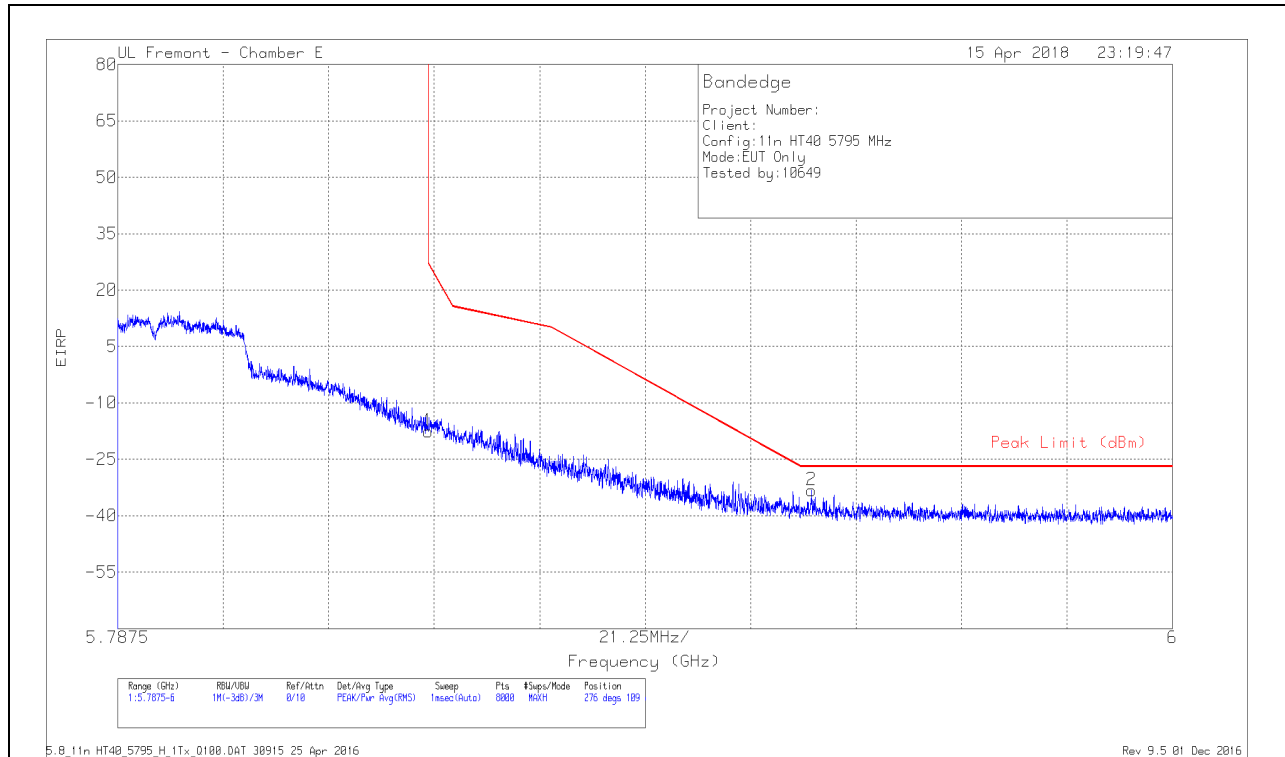


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-62.48	Pk	35	-19.4	11.8	-35.08	-27	-8.08	31	129	V
1	5.725	-38.13	Pk	35.1	-19.4	11.8	-10.63	27	-37.63	31	129	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

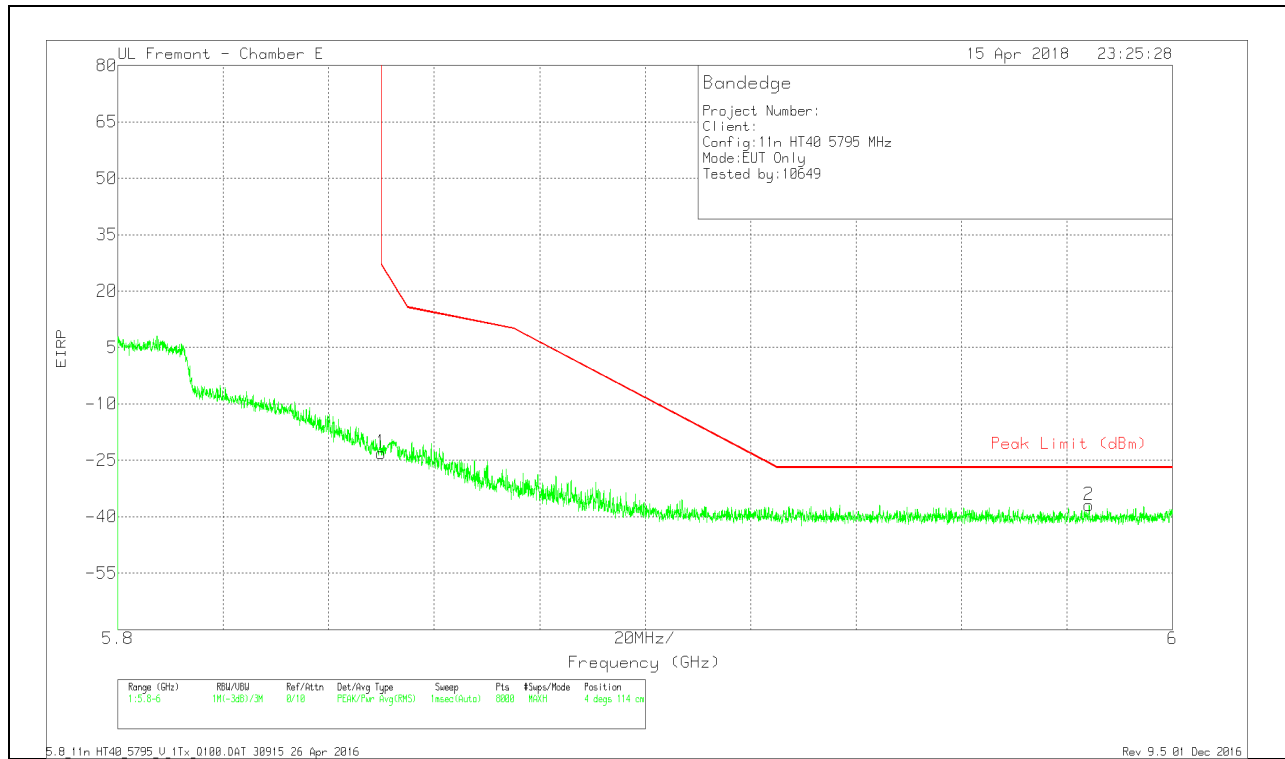
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.95	Pk	35.2	-19.6	11.8	-17.55	26.98	-44.53	276	109	H
2	5.927	-60.6	Pk	35.2	-19.7	11.8	-33.3	-27	-6.3	276	109	H

Pk - Peak detector

VERTICAL RESULT



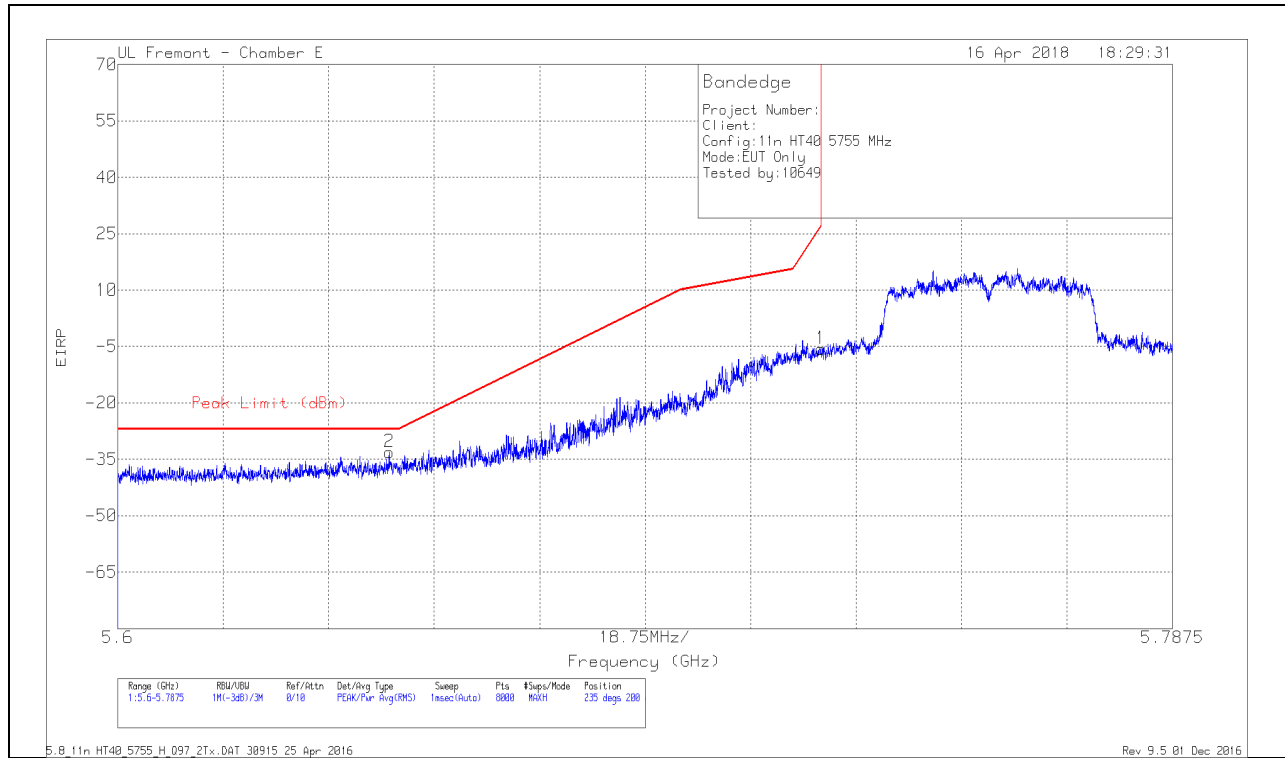
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.42	Pk	35.2	-19.6	11.8	-23.02	26.99	-50.01	4	114	V
2	5.984	-64.68	Pk	35.4	-19.4	11.8	-36.88	-27	-9.88	4	114	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

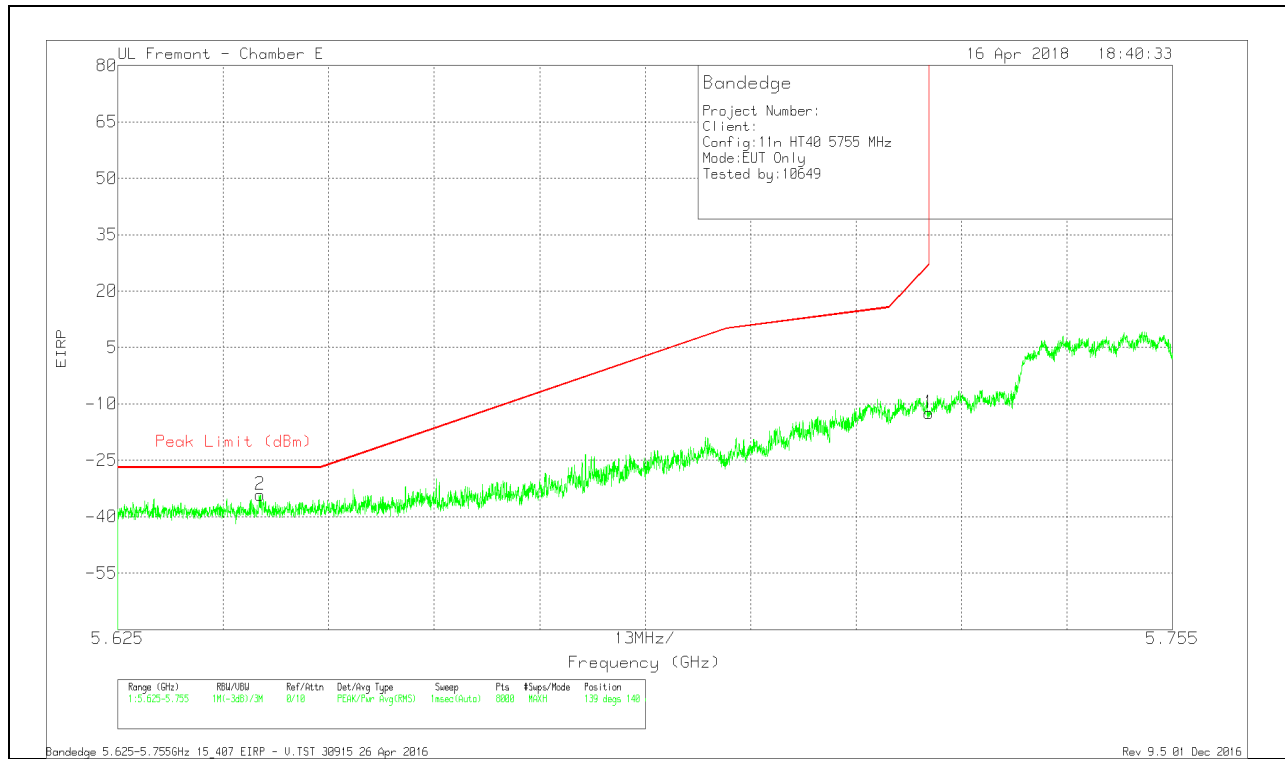
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-60.48	Pk	35	-19.4	11.8	-33.08	-27	-6.08	235	200	H
1	5.725	-33.1	Pk	35.1	-19.4	11.8	-5.6	26.96	-32.56	235	200	H

Pk - Peak detector

VERTICAL RESULT

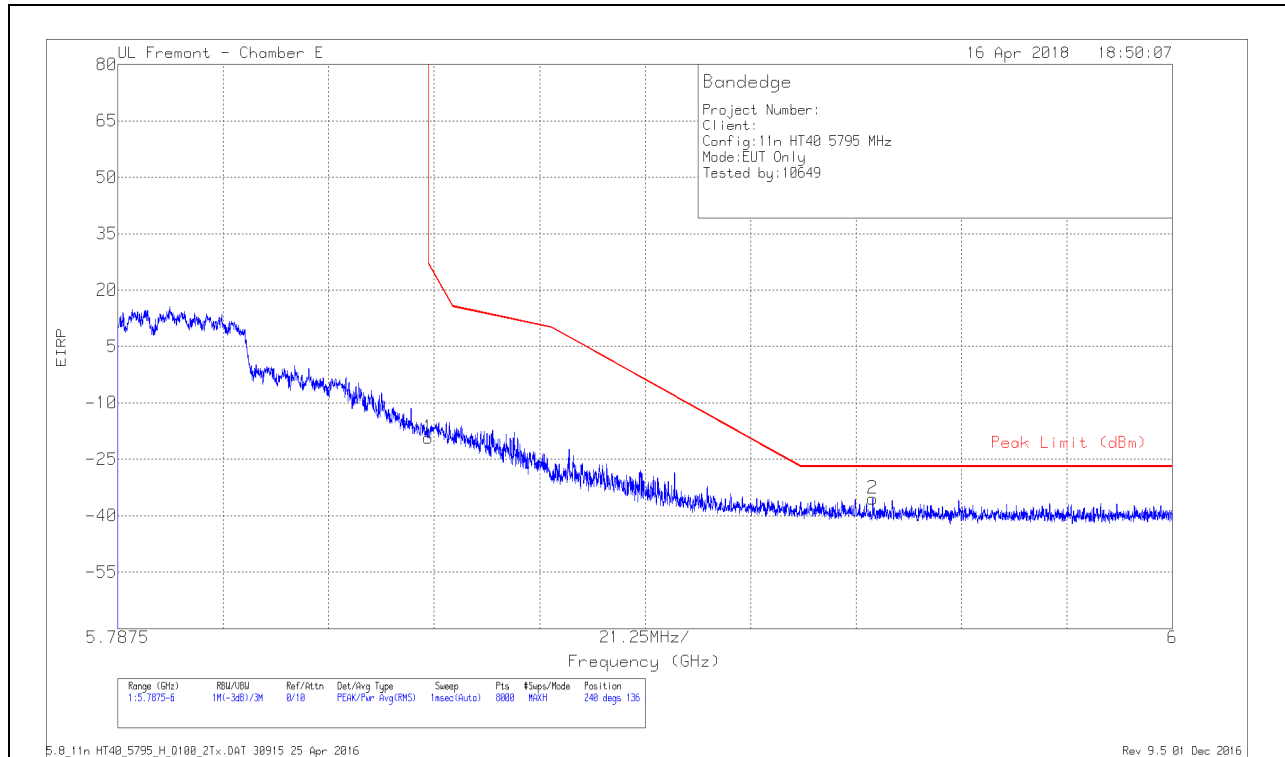


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-61.49	Pk	35	-19.4	11.8	-34.09	-27	-7.09	139	140	V
1	5.725	-39.99	PK	35.1	-19.4	11.8	-12.49	27	-39.49	139	140	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

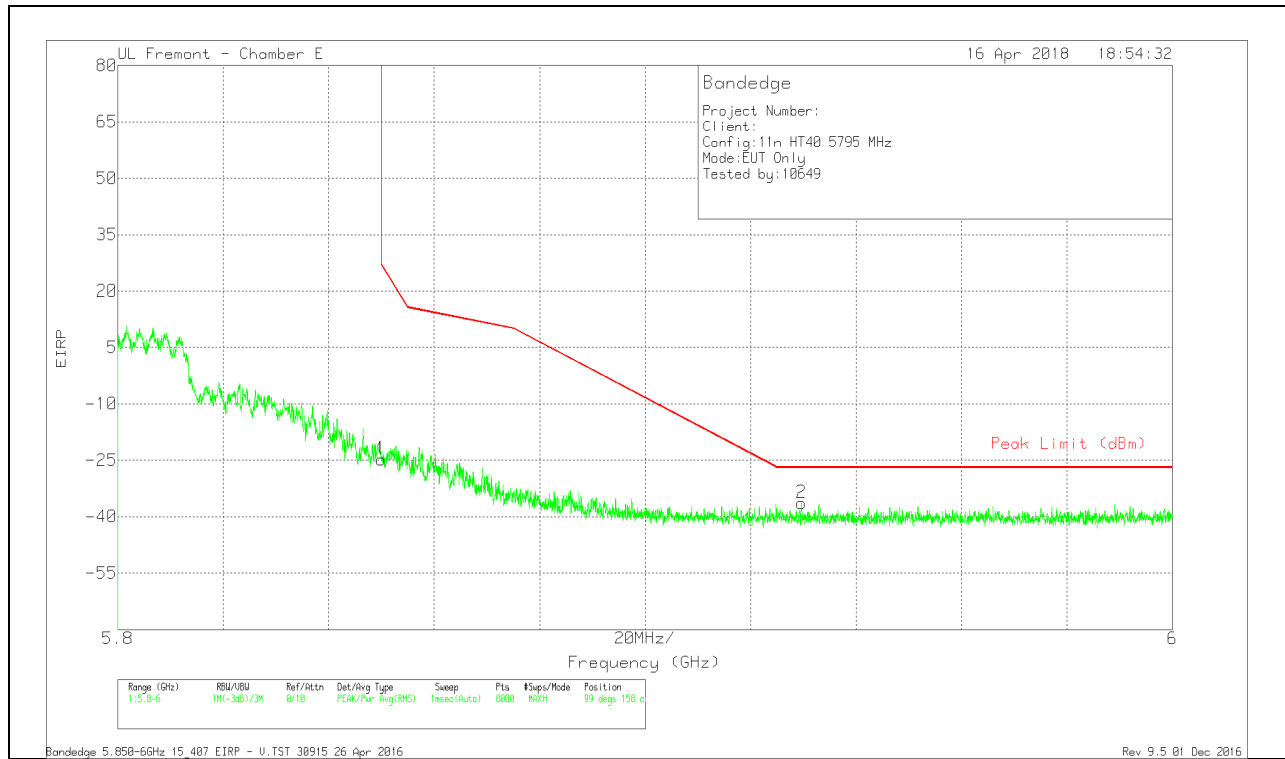
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.57	Pk	35.2	-19.6	11.8	-19.17	26.98	-46.15	240	136	H
2	5.94	-62.93	Pk	35.3	-19.6	11.8	-35.43	-27	-8.43	240	136	H

Pk - Peak detector

VERTICAL RESULT

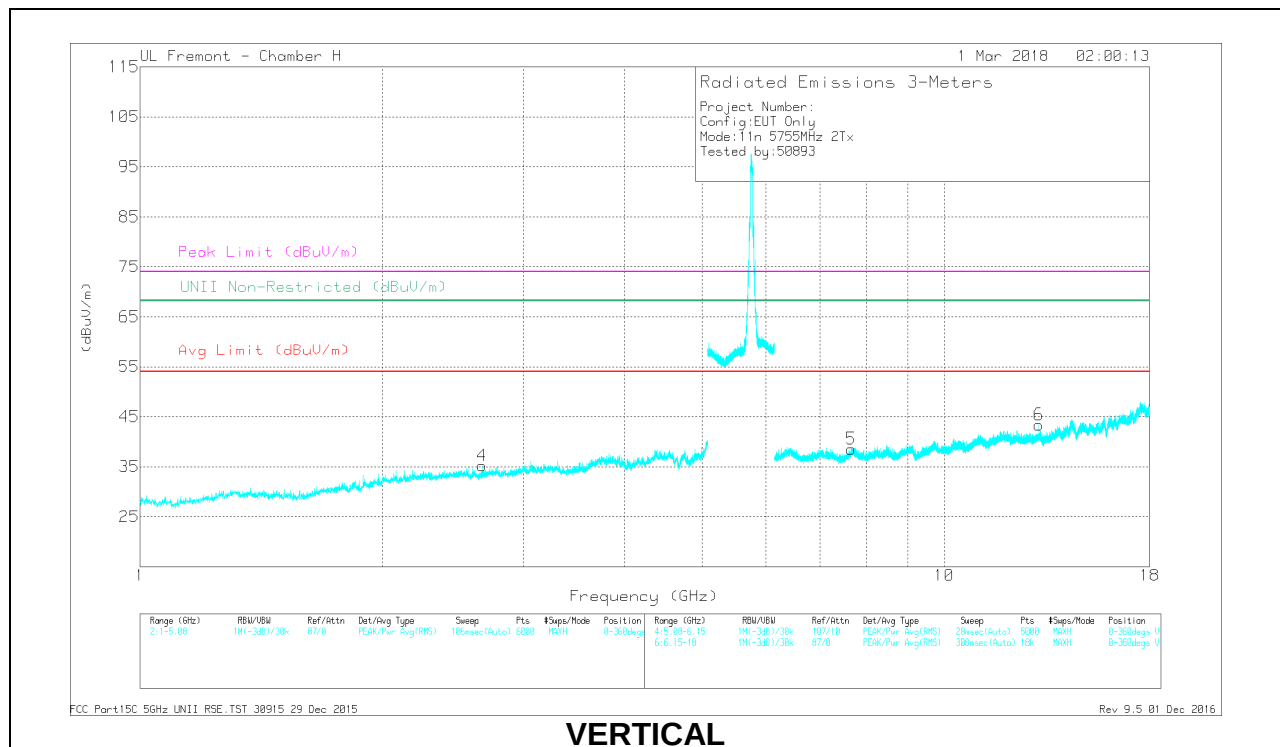
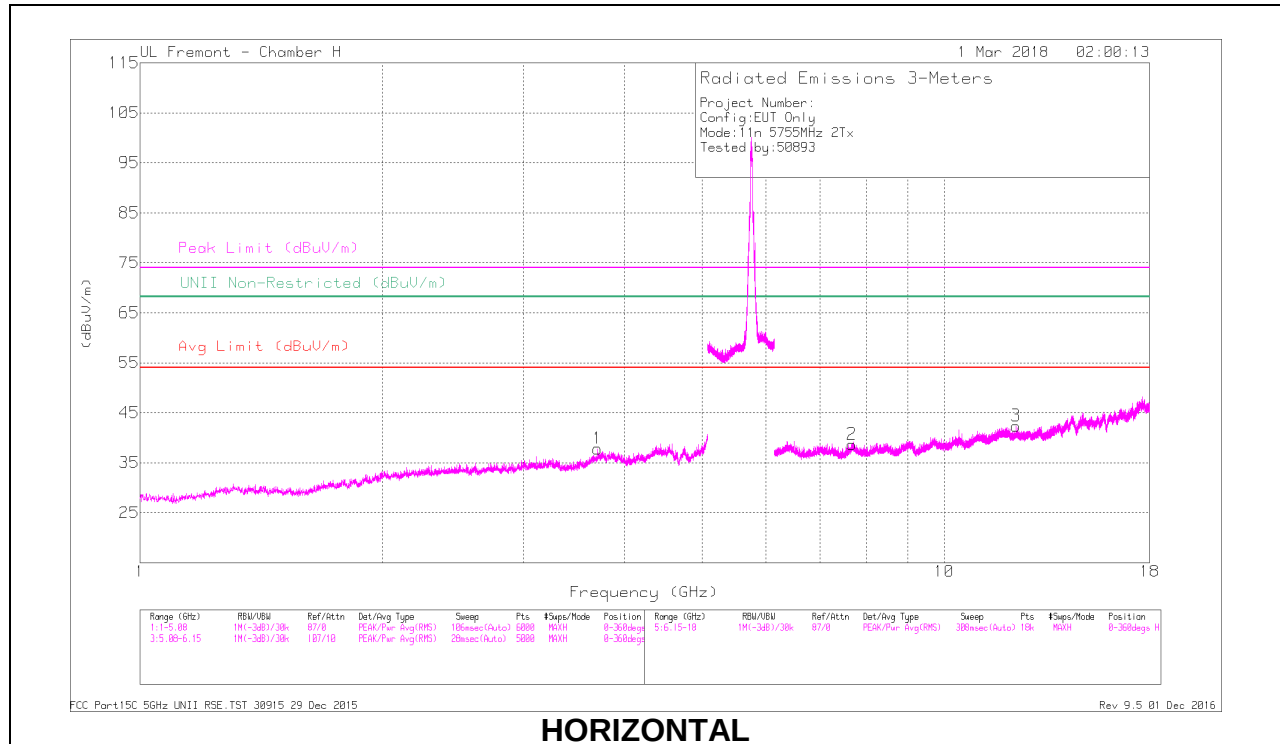


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.2	Pk	35.2	-19.6	11.8	-24.8	26.99	-51.79	99	158	V
2	5.93	-63.74	PK	35.2	-19.7	11.8	-36.44	-27	-9.44	99	158	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

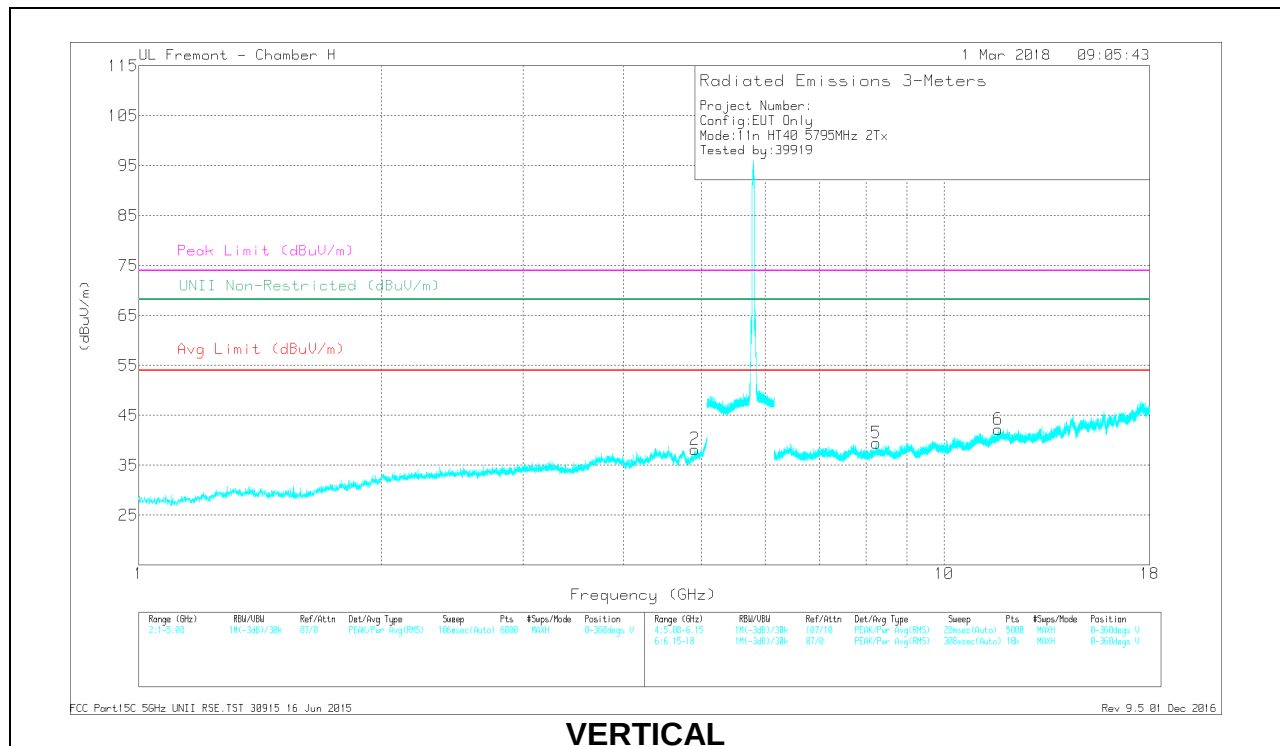
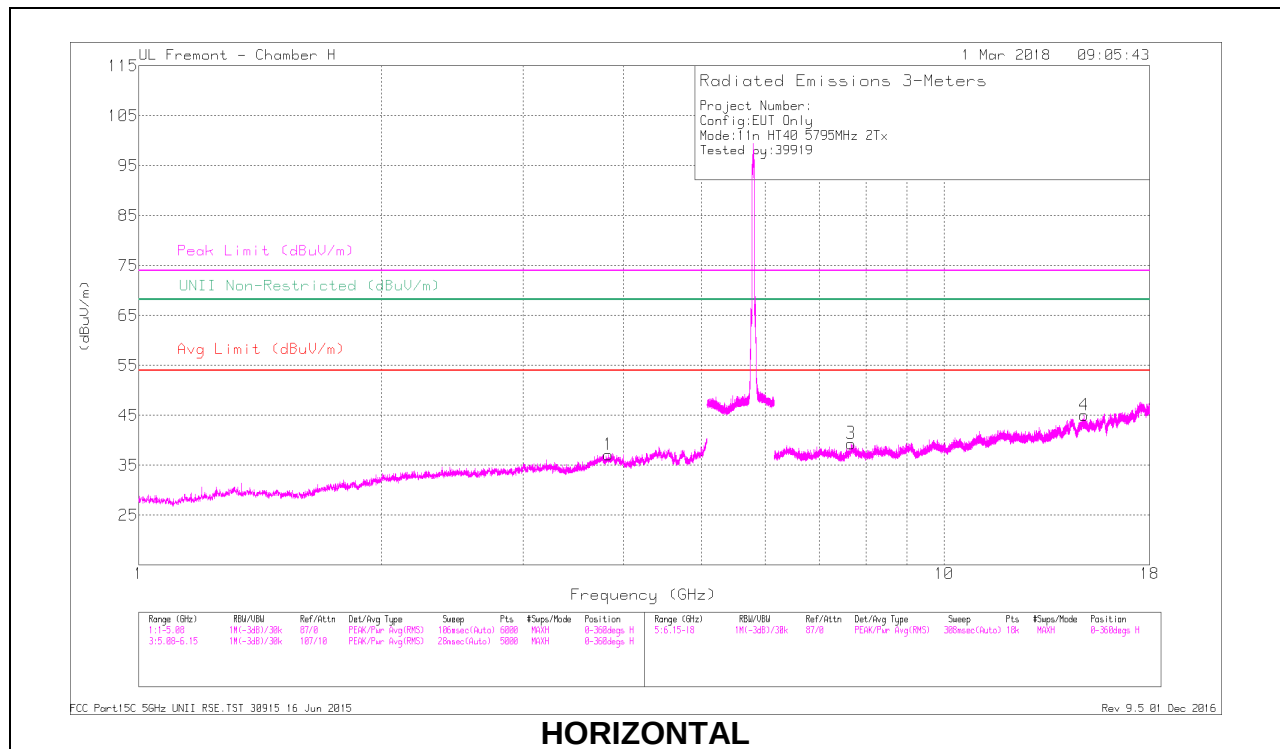
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.706	46.23	PK-U	33	-35.6	0	43.63	-	-	74	-30.37	-	-	350	242	H
	* 3.704	34.33	ADR	33	-35.6	.09	31.82	54	-22.18	-	-	-	-	350	242	H
4	* 2.66	46.82	PK-U	32.2	-37.4	0	41.62	-	-	74	-32.38	-	-	297	252	V
	* 2.66	34.78	ADR	32.2	-37.4	.09	29.67	54	-24.33	-	-	-	-	297	252	V
2	* 7.674	39.87	PK-U	36.2	-30.4	0	45.67	-	-	74	-28.33	-	-	269	306	H
	* 7.676	27.95	ADR	36.2	-30.4	.09	33.84	54	-20.16	-	-	-	-	269	306	H
3	* 12.282	35.81	PK-U	38.8	-26.4	0	48.21	-	-	74	-25.79	-	-	49	314	H
	* 12.283	24.44	ADR	38.8	-26.4	.09	36.93	54	-17.07	-	-	-	-	49	314	H
5	* 7.664	39.91	PK-U	36.2	-30.5	0	45.61	-	-	74	-28.39	-	-	280	334	V
	* 7.664	27.92	ADR	36.2	-30.5	.09	33.71	54	-20.29	-	-	-	-	280	334	V
6	13.107	35.96	PK-U	39.1	-26	0	49.06	-	-	-	-	68.2	-19.14	12	376	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.827	45.74	PK-U	33.2	-35.1	0	43.84	-	-	74	-30.16	-	-	139	333	H
	* 3.825	33.98	ADR	33.2	-35.1	.09	32.17	54	-21.83	-	-	-	-	139	333	H
2	* 4.909	44.25	PK-U	34.2	-33.2	0	45.25	-	-	74	-28.75	-	-	212	282	V
	* 4.908	32.58	ADR	34.2	-33.2	.09	33.67	54	-20.33	-	-	-	-	212	282	V
3	* 7.664	39.69	PK-U	36.2	-30.5	0	45.39	-	-	74	-28.61	-	-	295	224	H
	* 7.663	27.93	ADR	36.2	-30.5	.09	33.72	54	-20.28	-	-	-	-	295	224	H
5	* 8.24	38.63	PK-U	36.1	-29.1	0	45.63	-	-	74	-28.37	-	-	66	207	V
	* 8.239	26.77	ADR	36.1	-29.1	.09	33.86	54	-20.14	-	-	-	-	66	207	V
6	* 11.678	36.14	PK-U	38.7	-26.6	0	48.24	-	-	74	-25.76	-	-	209	390	V
	* 11.676	24.64	ADR	38.6	-26.6	.09	36.73	54	-17.27	-	-	-	-	209	390	V
4	14.925	35.48	PK-U	40.6	-24.8	0	51.28	-	-	-	-	68.2	-16.92	340	319	H

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

PK-U - U-NII: Maximum Peak

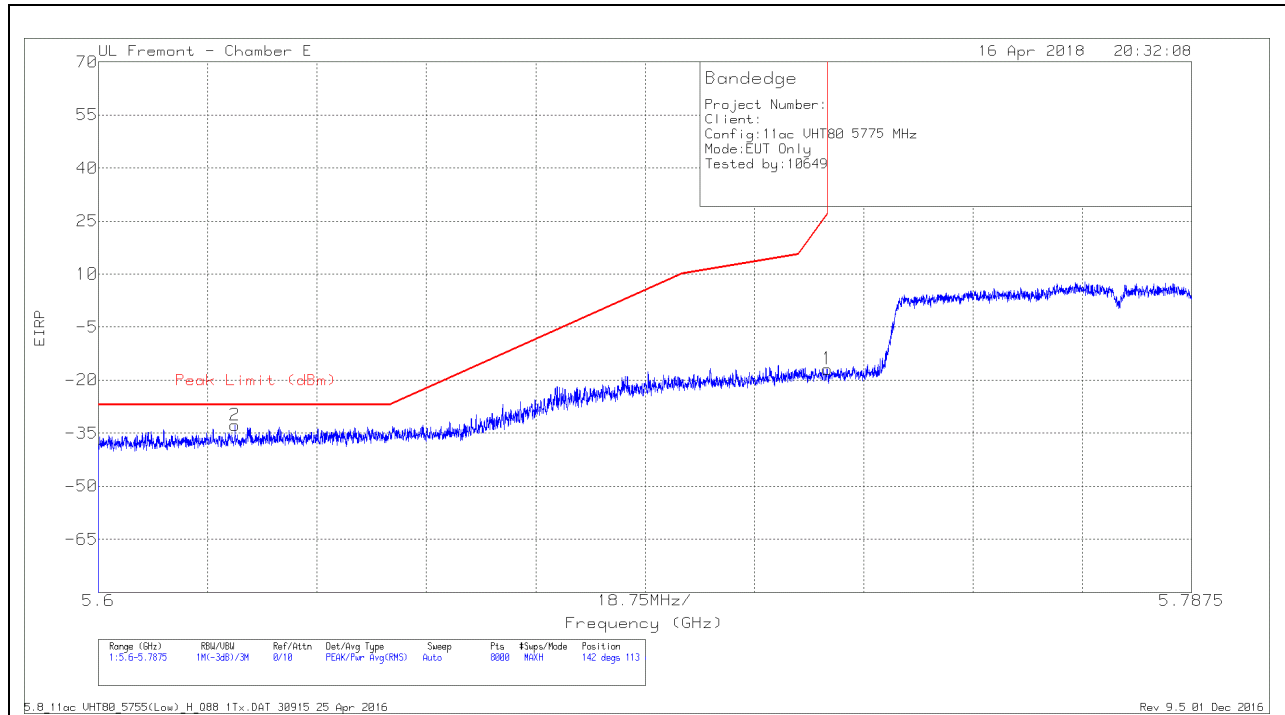
ADR - U-NII AD primary method, RMS average

9.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6

BANDEDGE (CHANNEL 155 LOW EDGE)

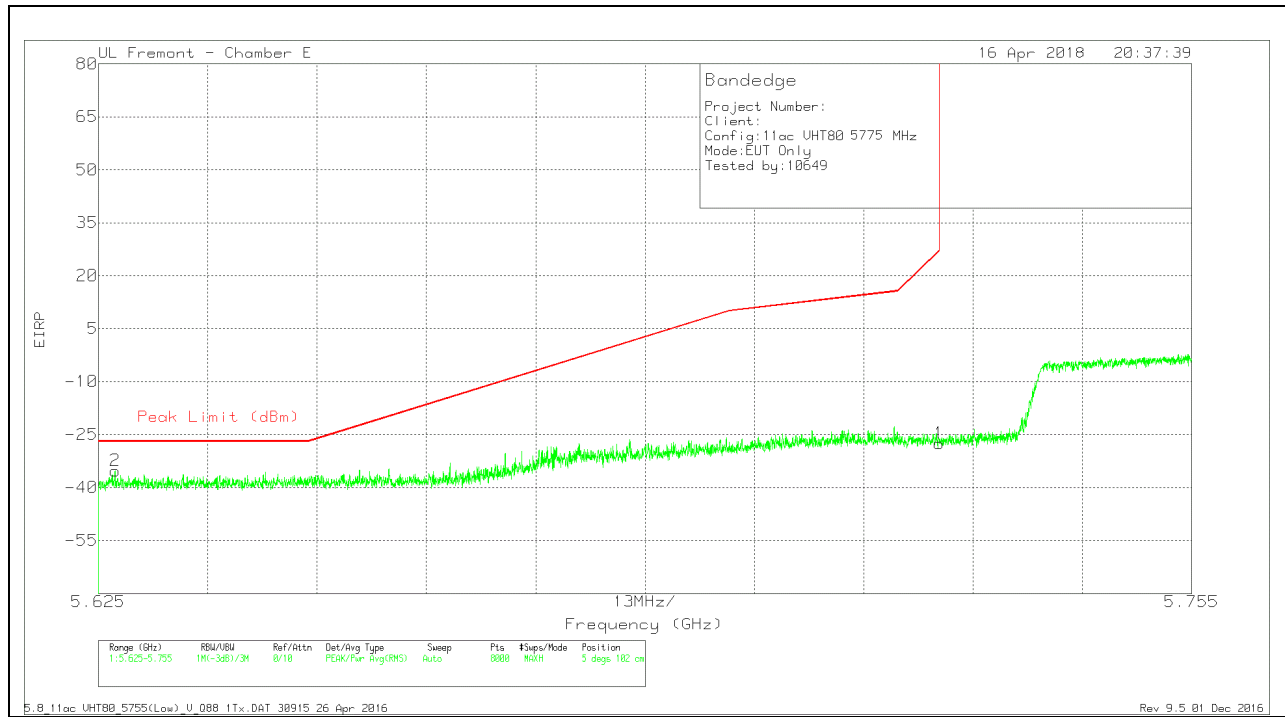
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Conversio n Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.623	-60.07	Pk	35	-19.4	11.8	-32.67	-27	-5.67	142	113	H
1	5.725	-44.31	PK	35.1	-19.4	11.8	-16.81	26.96	-43.77	142	113	H

Pk - Peak detector

VERTICAL RESULT

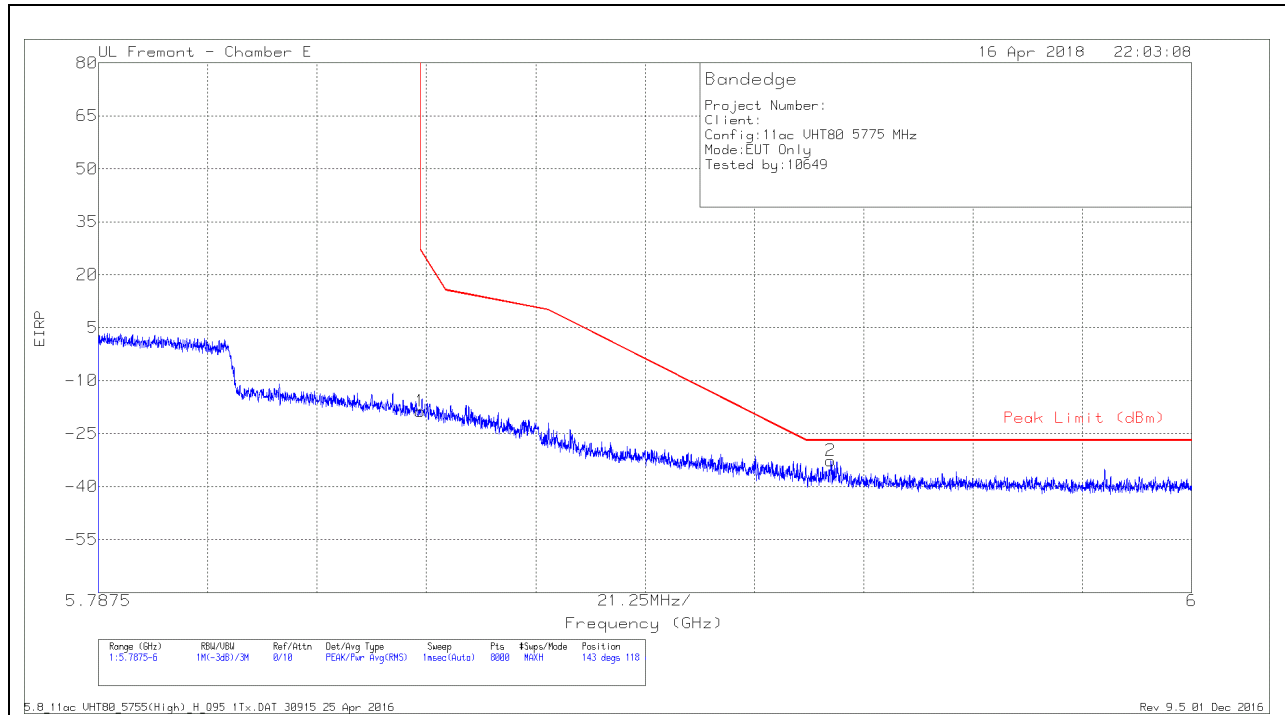


Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Conversio n Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.627	-62.63	Pk	35	-19.4	11.8	-35.23	-27	-8.23	5	102	V
1	5.725	-55.02	Pk	35.1	-19.4	11.8	-27.52	27	-54.52	5	102	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

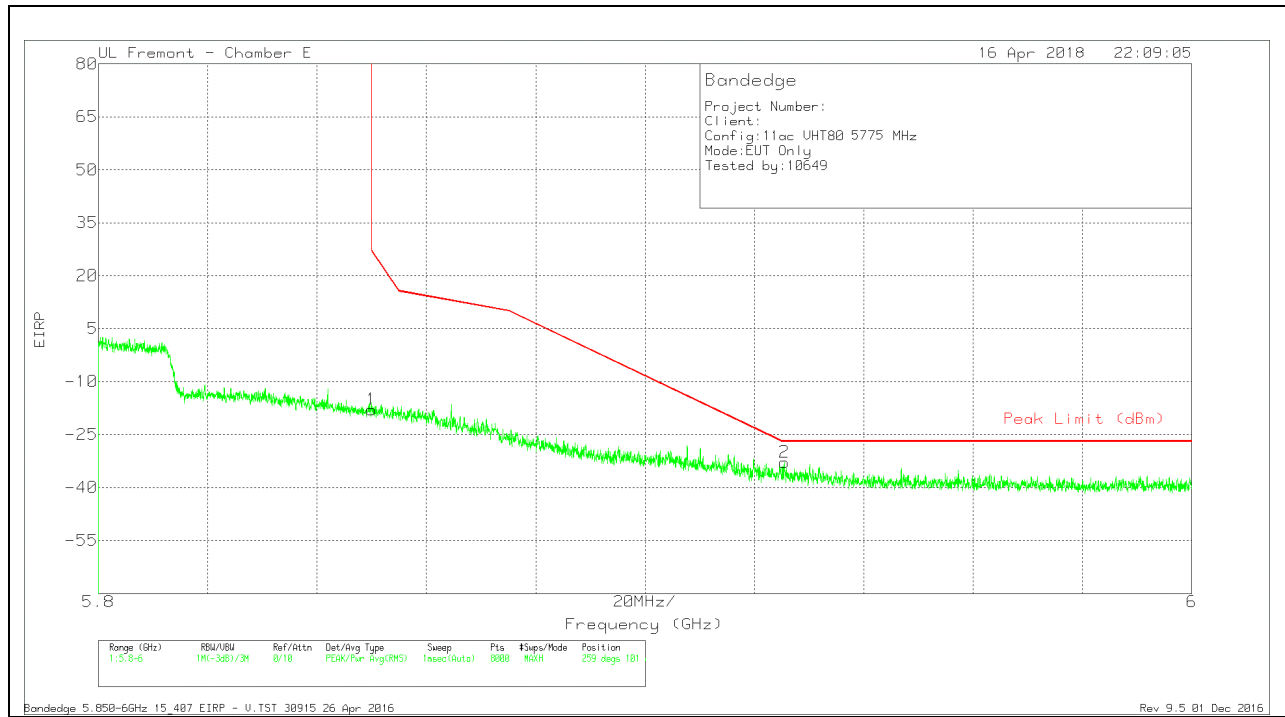
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.06	Pk	35.2	-19.6	11.8	-18.66	26.98	-45.64	143	118	H
2	5.93	-59.92	Pk	35.2	-19.7	11.8	-32.62	-27	-5.62	143	118	H

Pk - Peak detector

VERTICAL RESULT



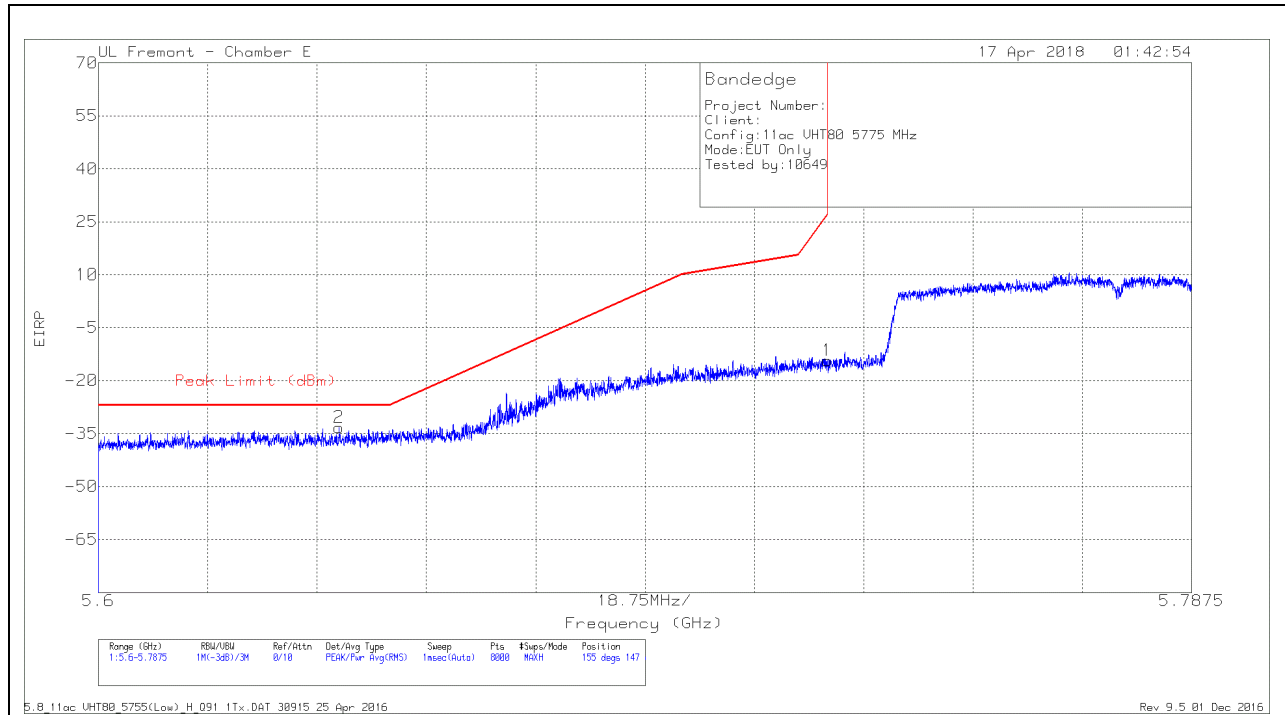
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.34	Pk	35.2	-19.6	11.8	-17.94	26.99	-44.93	259	101	V
2	5.925	-60.2	Pk	35.2	-19.7	11.8	-32.9	-27	-5.9	259	101	V

Pk - Peak detector

1TX Antenna 5

BANDEDGE (CHANNEL 155 LOW EDGE)

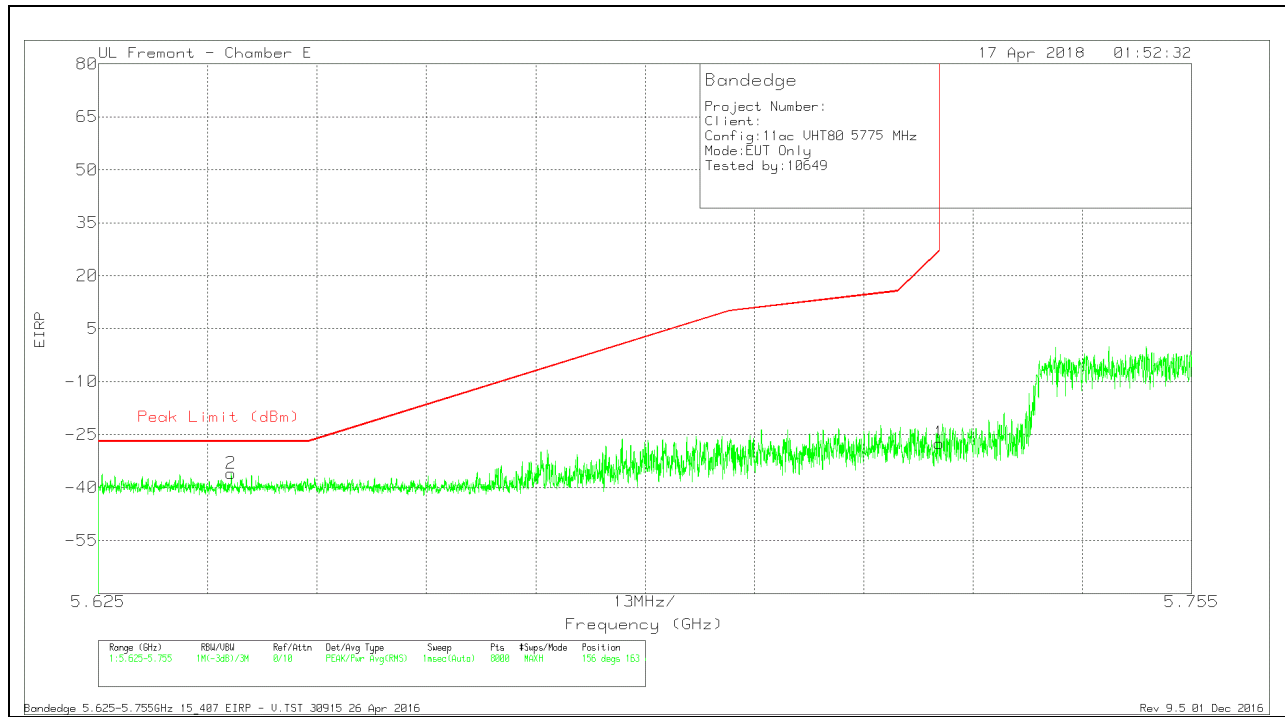
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filtr/Pad (dB)	Conversio n Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-60.72	Pk	35	-19.4	11.8	-33.32	-27	-6.32	155	147	H
1	5.725	-41.9	Pk	35.1	-19.4	11.8	-14.4	26.96	-41.36	155	147	H

Pk - Peak detector

VERTICAL RESULT

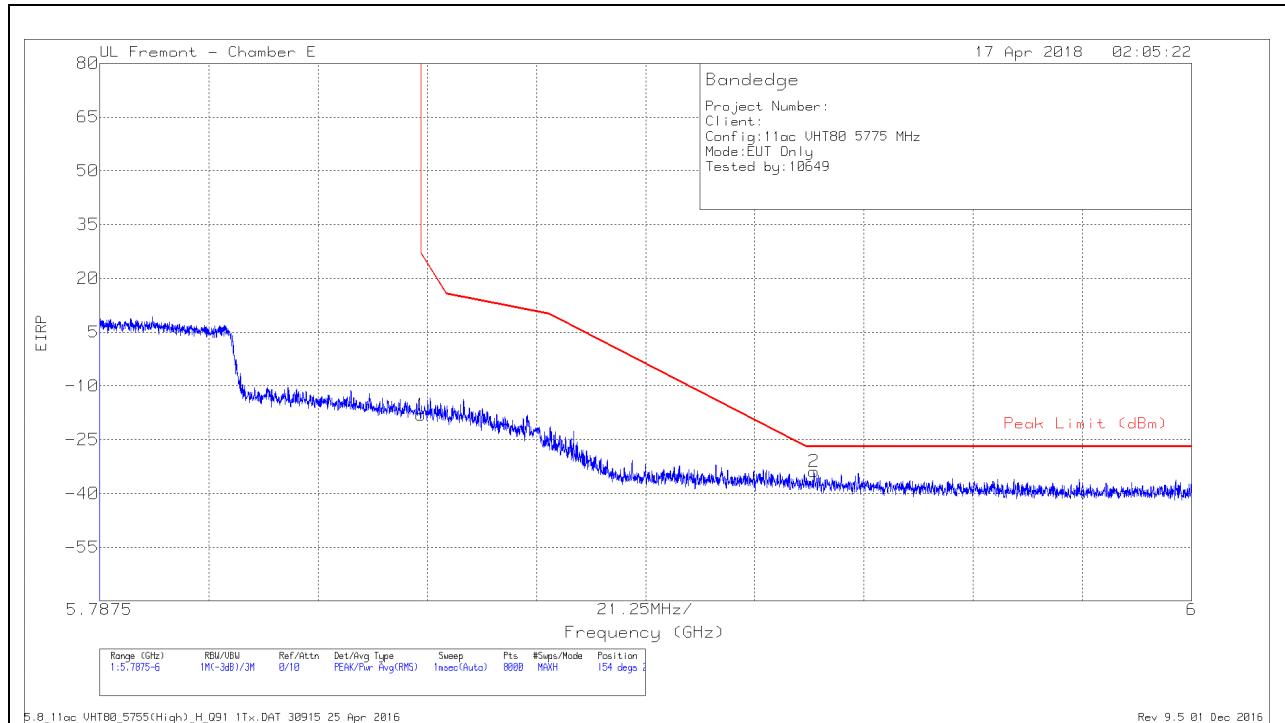


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-63.46	Pk	35	-19.4	11.8	-36.06	-27	-9.06	156	163	V
1	5.725	-54.94	Pk	35.1	-19.4	11.8	-27.44	27	-54.44	156	163	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

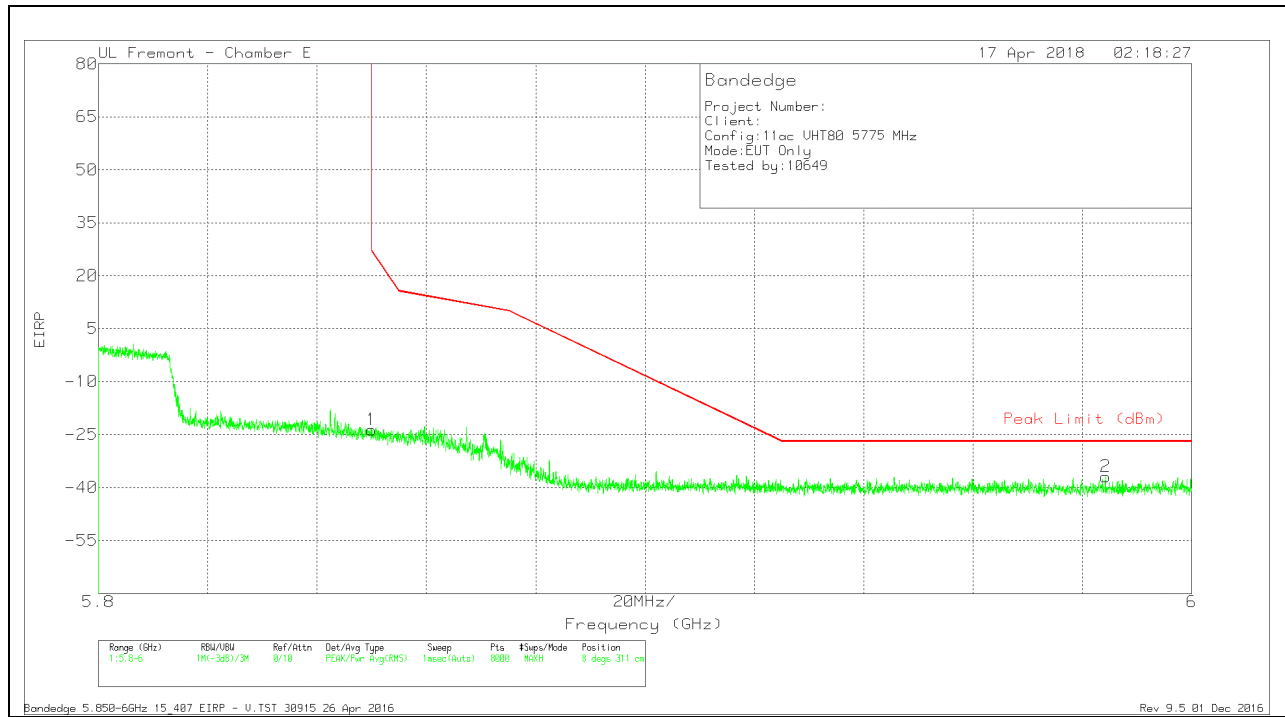
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.54	Pk	35.2	-19.6	11.8	-18.14	26.98	-45.12	154	211	H
2	5.927	-61.23	Pk	35.2	-19.7	11.8	-33.93	-27	-6.93	154	211	H

Pk - Peak detector

VERTICAL RESULT



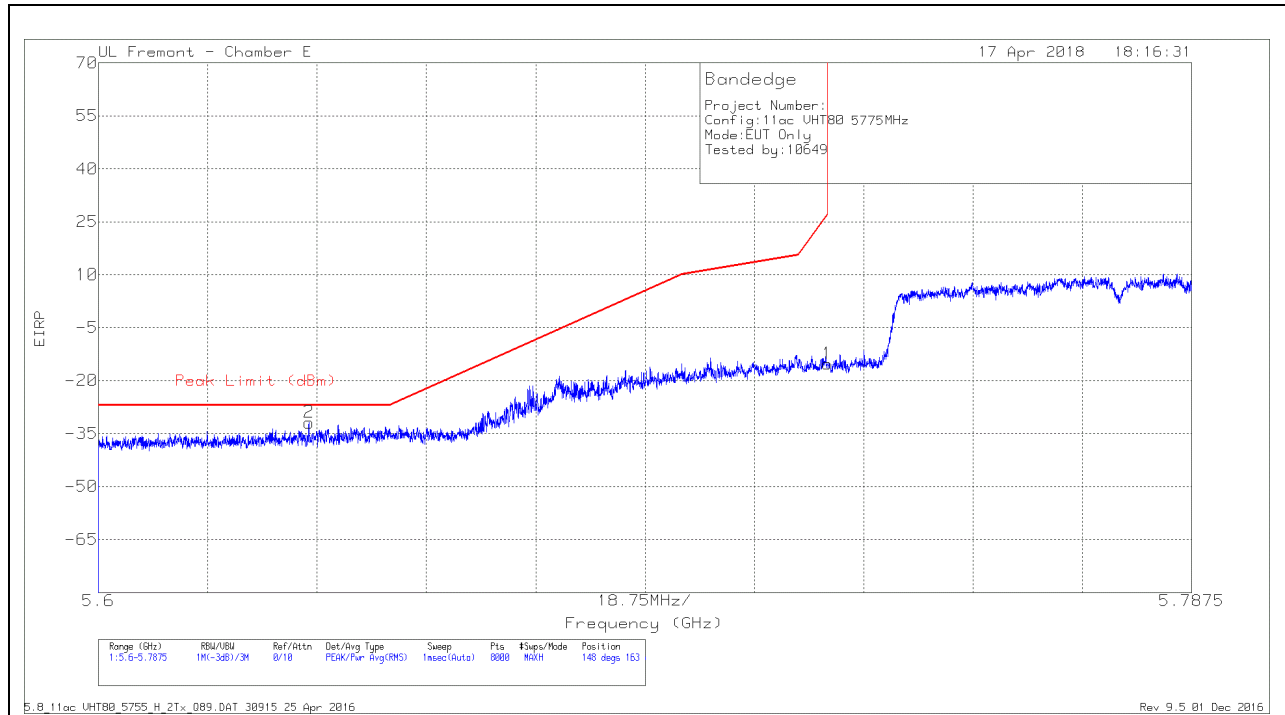
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.01	Pk	35.2	-19.6	11.8	-23.61	26.99	-50.6	8	311	V
2	5.984	-64.78	Pk	35.4	-19.4	11.8	-36.98	-27	-9.98	8	311	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

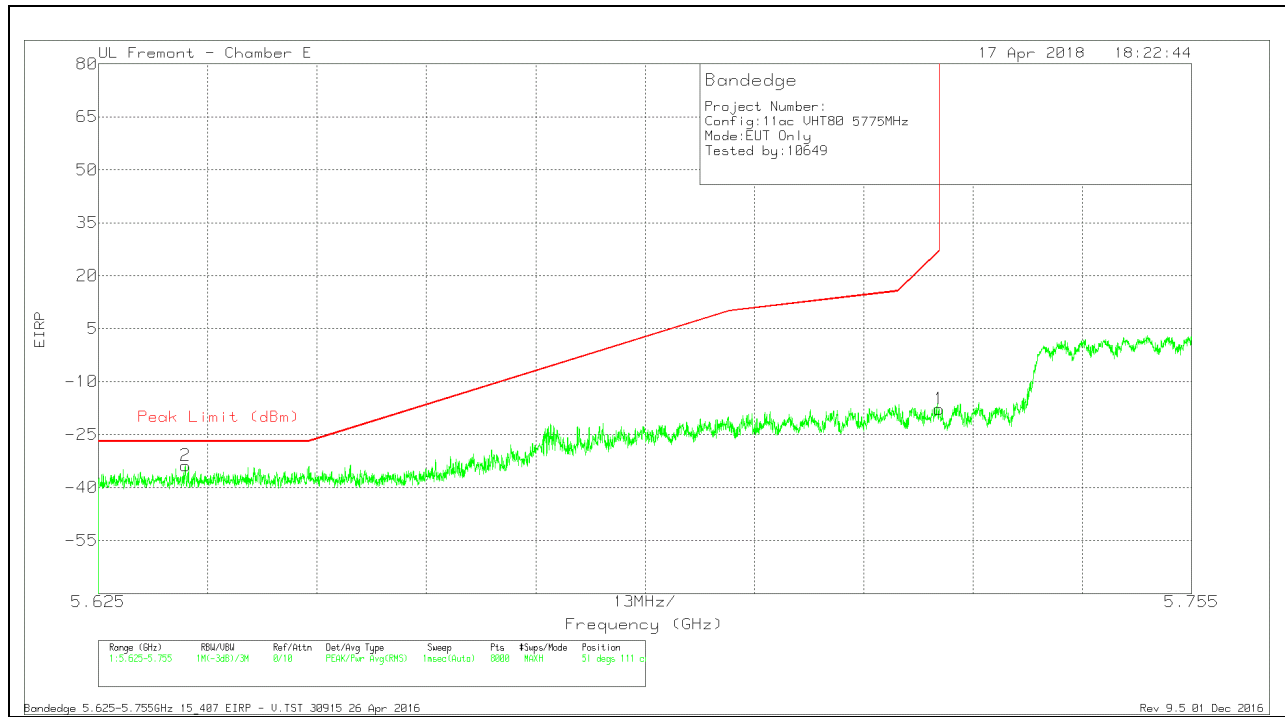
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636	-59.31	Pk	35	-19.4	11.8	-31.91	-27	-4.91	148	163	H
1	5.725	-42.78	Pk	35.1	-19.4	11.8	-15.28	26.96	-42.24	148	163	H

Pk - Peak detector

VERTICAL RESULT

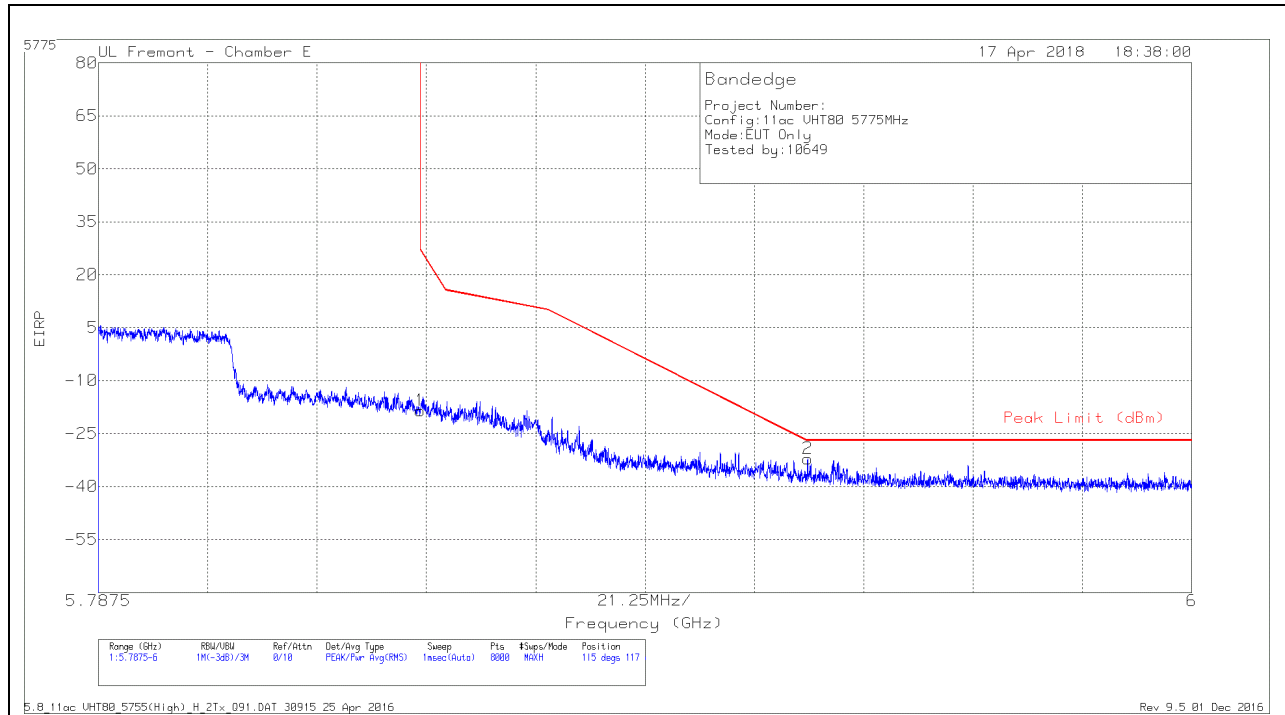


Marker	Frequen cy (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl /Fitr/Pa d (dB)	Conversi on Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.635	-61.23	Pk	35	-19.4	11.8	-33.83	-27	-6.83	51	111	V
1	5.725	-45.21	Pk	35.1	-19.4	11.8	-17.71	27	-44.71	51	111	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

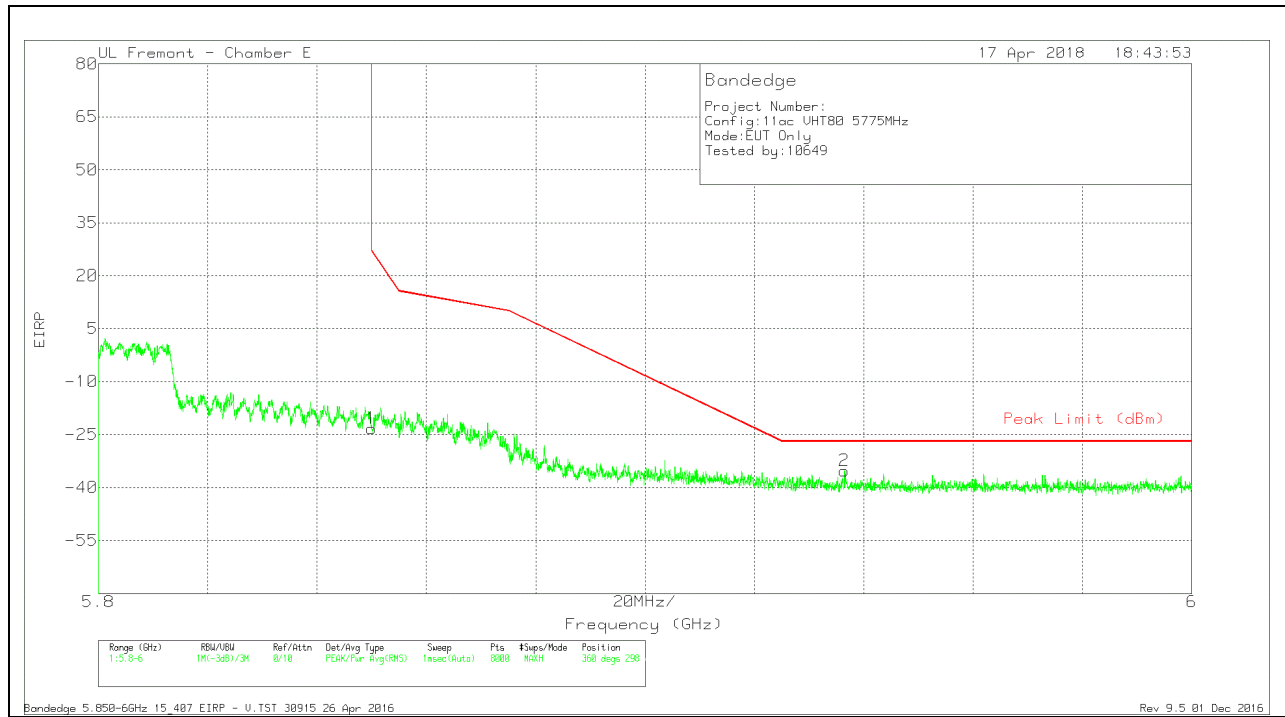
HORIZONTAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Conversi on Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.94	Pk	35.2	-19.6	11.8	-18.54	26.98	-45.52	115	117	H
2	5.925	-59.44	Pk	35.2	-19.7	11.8	-32.14	-27	-5.14	115	117	H

Pk - Peak detector

VERTICAL RESULT

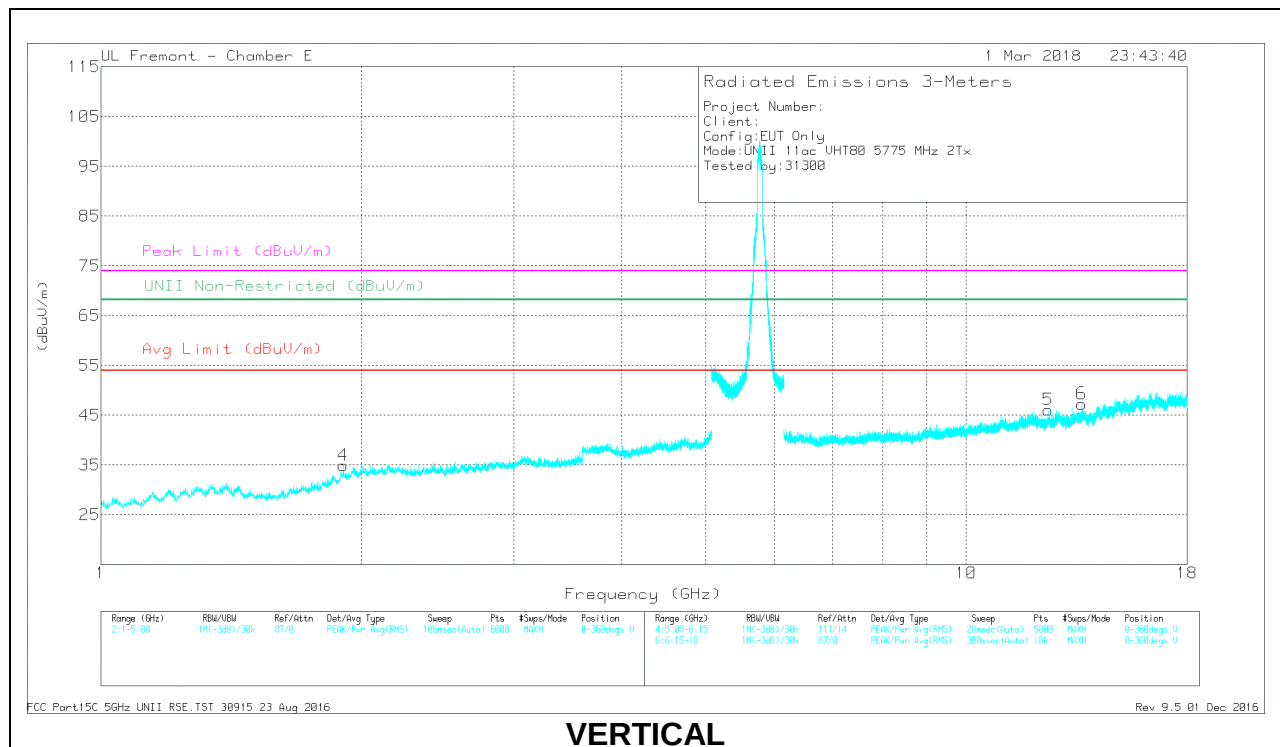
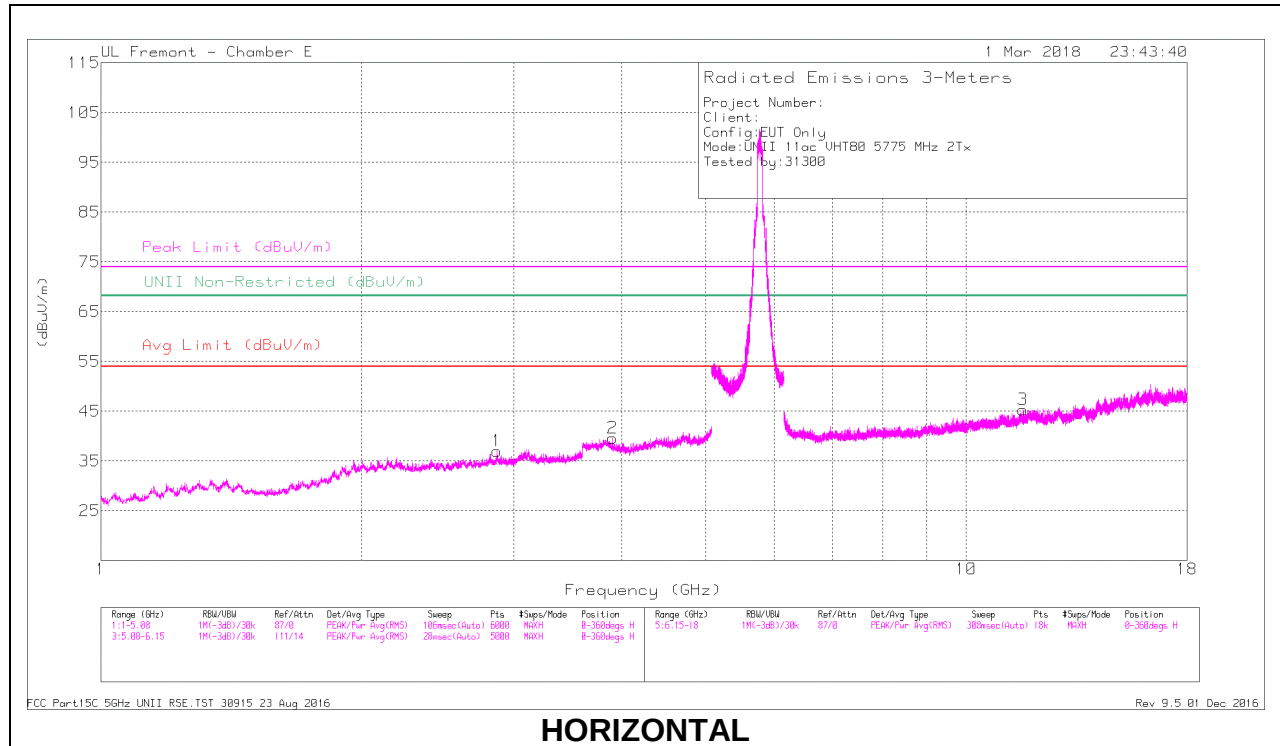


Marker	Frequen cy (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl /Fitr/Pa d (dB)	Conversi on Factor (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.66	Pk	35.2	-19.6	11.8	-23.26	26.99	-50.25	360	298	V
2	5.936	-62.72	Pk	35.3	-19.6	11.8	-35.22	-27	-8.22	360	298	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

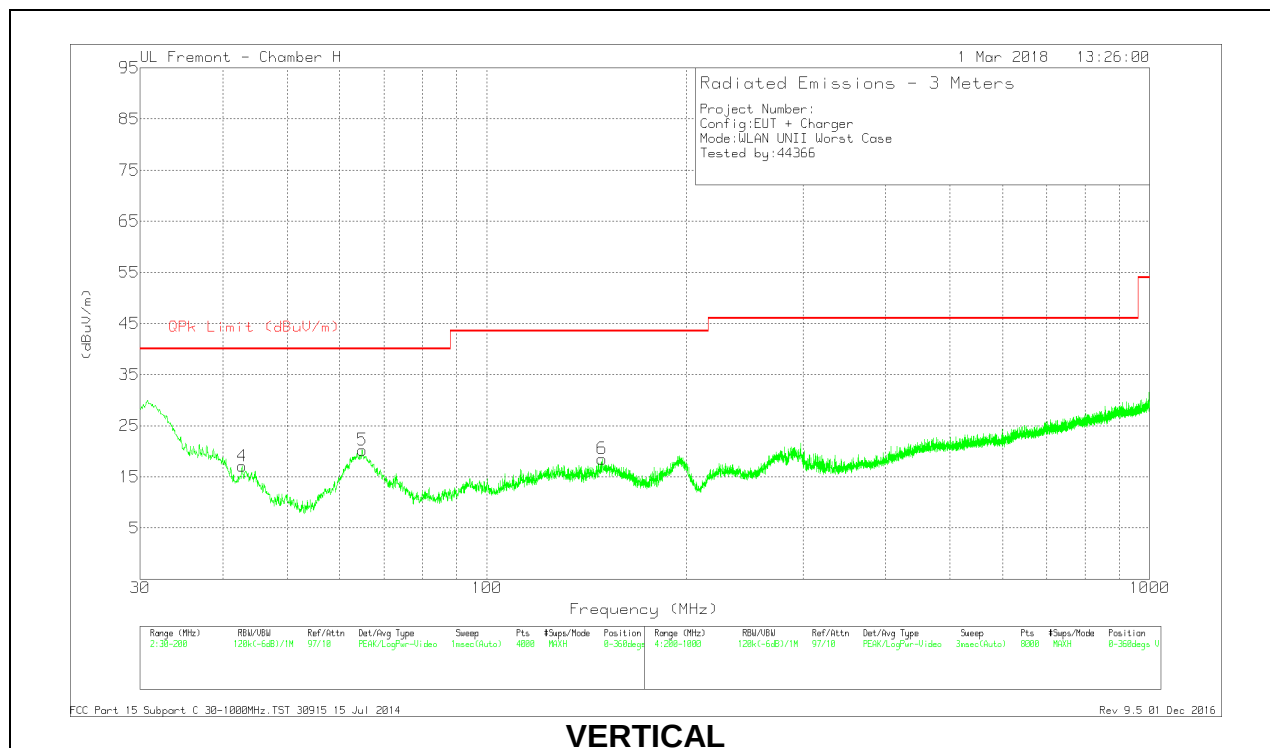
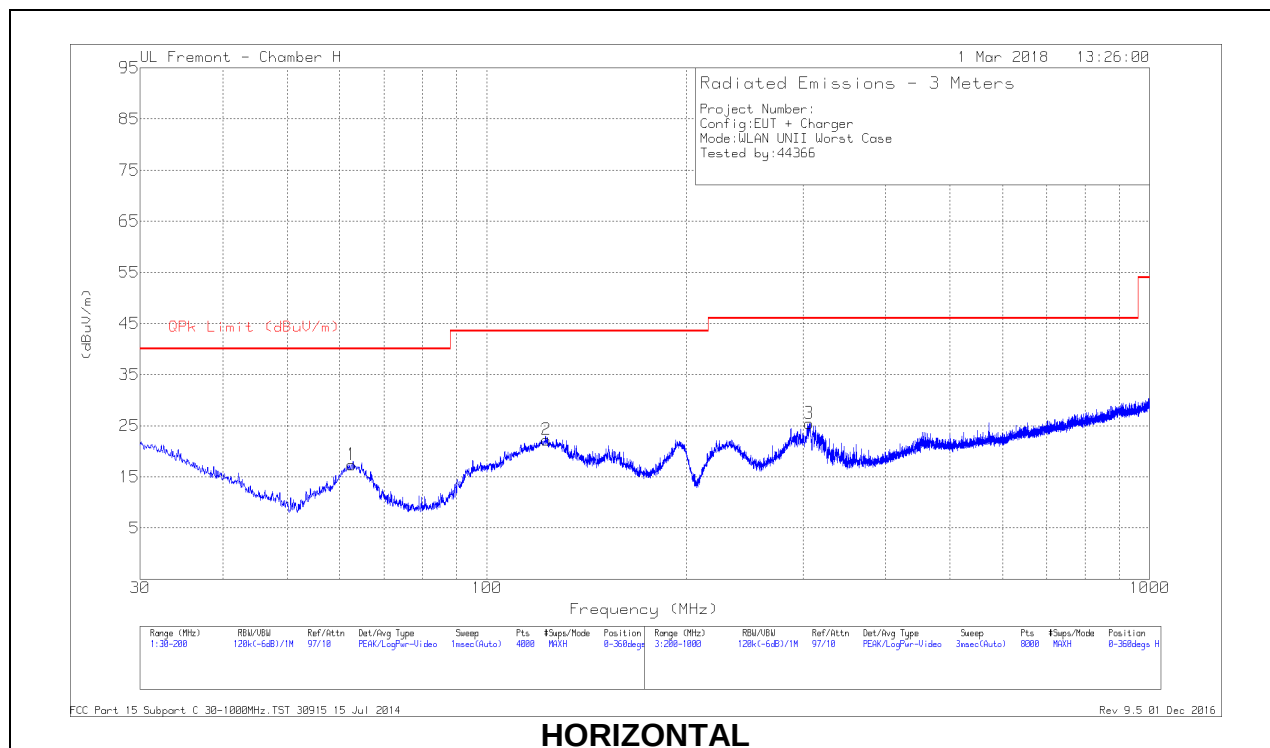
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 2.869	41.43	PK-U	32.7	-30.9	0	43.23	-	-	74	-30.77	-	-	181	264	H
	* 2.865	29.39	ADR	32.7	-31	.19	31.28	54	-22.72	-	-	-	-	181	264	H
2	* 3.902	42.26	PK-U	33.7	-30.1	0	45.86	-	-	74	-28.14	-	-	81	103	H
	* 3.905	30.26	ADR	33.7	-30.2	.19	33.95	54	-20.05	-	-	-	-	81	103	H
3	* 11.627	36.36	PK-U	38.8	-23.2	0	51.96	-	-	74	-22.04	-	-	0	104	H
	* 11.627	23.58	ADR	38.8	-23.2	.19	39.37	54	-14.63	-	-	-	-	0	104	H
5	* 12.436	36.67	PK-U	38.8	-23.2	0	52.27	-	-	74	-21.73	-	-	47	113	V
	* 12.434	24.47	ADR	38.8	-23.2	.19	40.26	54	-13.74	-	-	-	-	47	113	V
4	1.903	43.36	PK-U	30.9	-32.8	0	41.46	-	-	-	-	68.2	-26.74	27	308	V
6	13.604	25.35	ADR	39.6	-24.2	.19	40.94	-	-	-	-	-	-	9	112	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

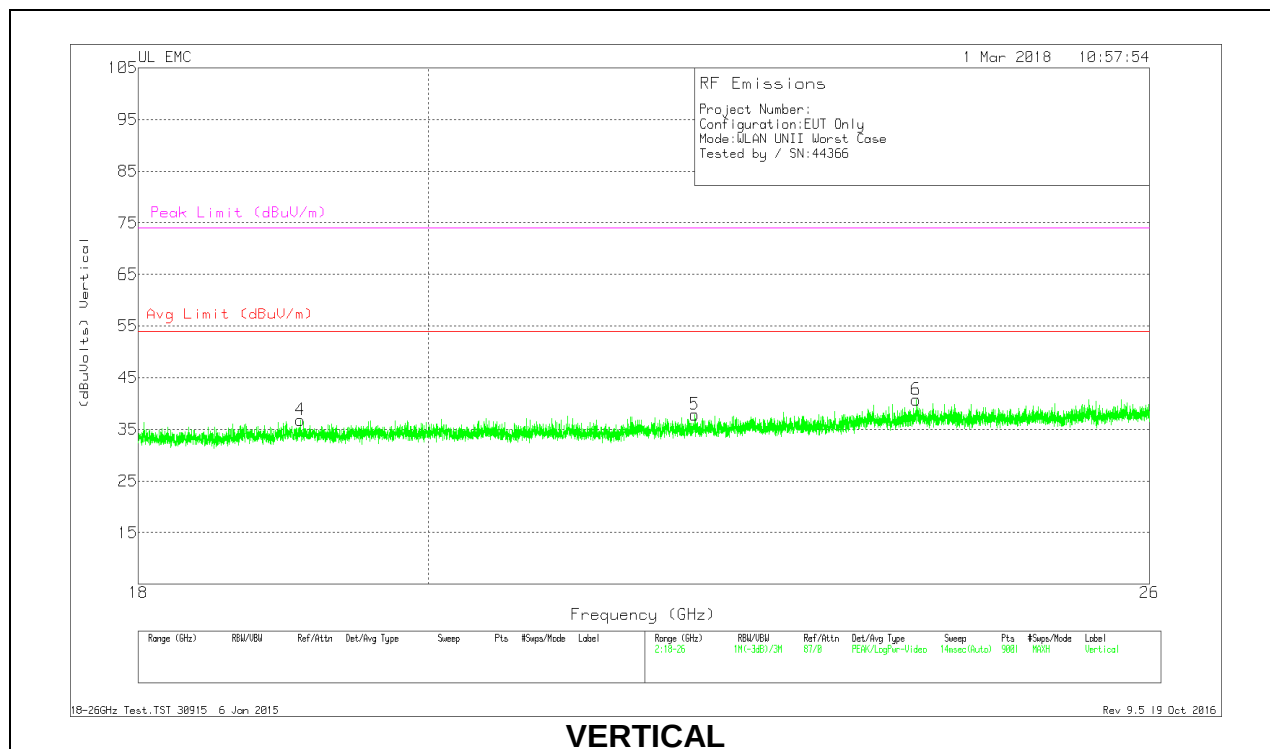
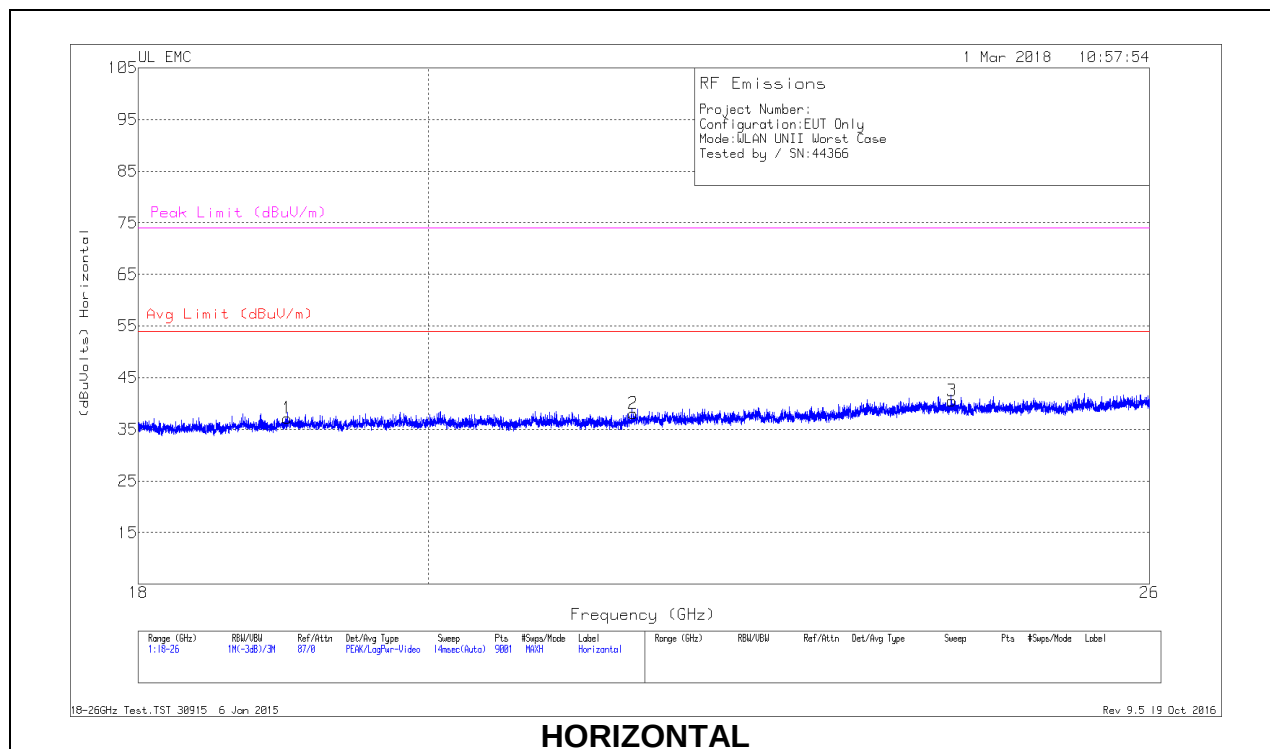
9.2. Worst Case below 1 GHz



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T185 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 122.9716	34.87	Pk	17.7	-30.3	22.27	43.52	-21.25	0-360	199	H
4	42.7533	31.99	Pk	16.3	-31.2	17.09	40	-22.91	0-360	100	V
1	62.5209	36.8	Pk	11.5	-30.9	17.4	40	-22.6	0-360	399	H
5	64.9015	39.45	Pk	11.6	-30.8	20.25	40	-19.75	0-360	100	V
6	149.2859	32.24	Pk	16.3	-30	18.54	43.52	-24.98	0-360	100	V
3	306.4138	37.17	Pk	17.4	-29.1	25.47	46.02	-20.55	0-360	101	H

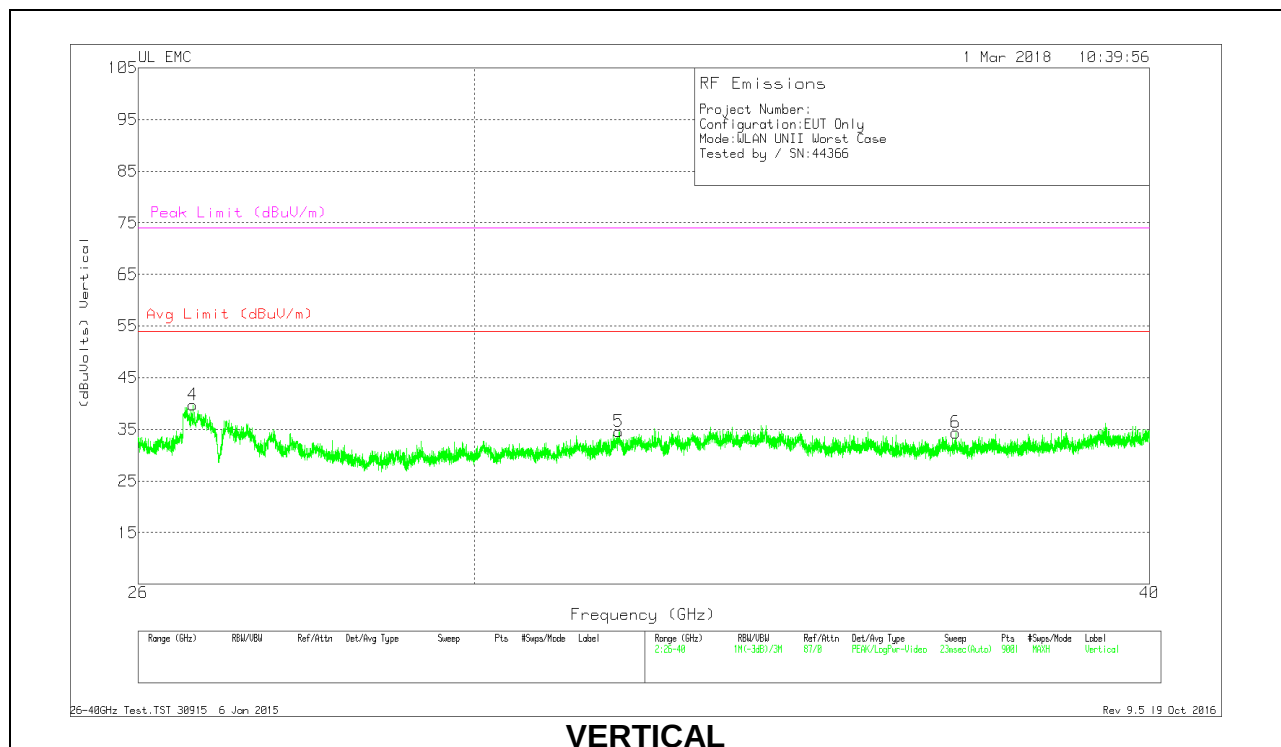
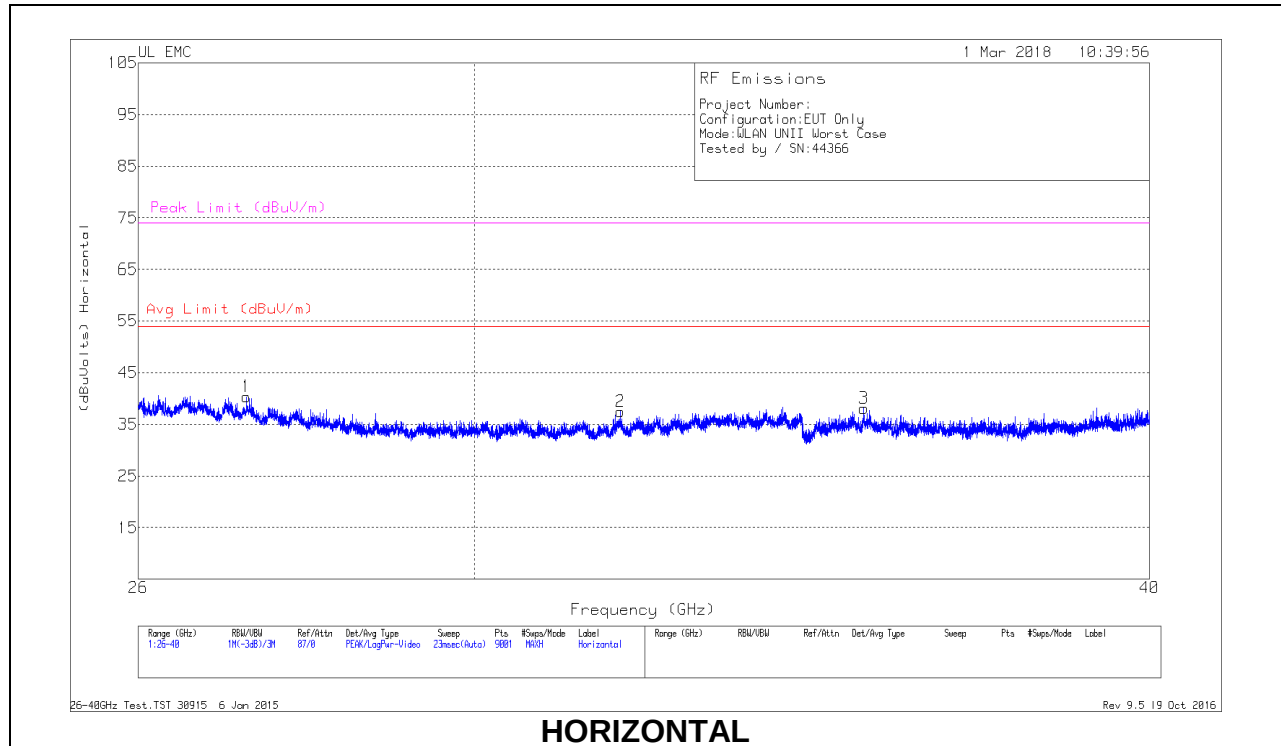
9.3. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T449 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.001	38.91	Pk	32.5	-24.8	-9.5	37.11	54	-16.89	74	-36.89
2	21.548	39.65	Pk	33.2	-25.3	-9.5	38.05	54	-15.95	74	-35.95
3	24.196	40.25	Pk	33.9	-24.1	-9.5	40.55	54	-13.45	74	-33.45
4	19.092	38.78	Pk	32.5	-25	-9.5	36.78	54	-17.22	74	-37.22
5	22.036	39.05	Pk	33.4	-25.1	-9.5	37.85	54	-16.15	74	-36.15
6	23.884	40.45	Pk	33.9	-24.1	-9.5	40.75	54	-13.25	74	-33.25

9.4. Worst Case 26-40 GHz



26 – 40GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	27.226	45.14	Pk	35.6	-30.9	-9.5	40.34	54	-13.66	74	-33.66
2	31.927	43.57	Pk	36.2	-32.8	-9.5	37.47	54	-16.53	74	-36.53
3	35.414	43.09	Pk	37.8	-33.3	-9.5	38.09	54	-15.91	74	-35.91
4	26.61	44.2	Pk	35.4	-30.4	-9.5	39.7	54	-14.3	74	-34.3
5	31.903	40.44	Pk	36.3	-32.7	-9.5	34.54	54	-19.46	74	-39.46
6	36.828	39.65	Pk	37.1	-32.9	-9.5	34.35	54	-19.65	74	-39.65

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5 - 30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

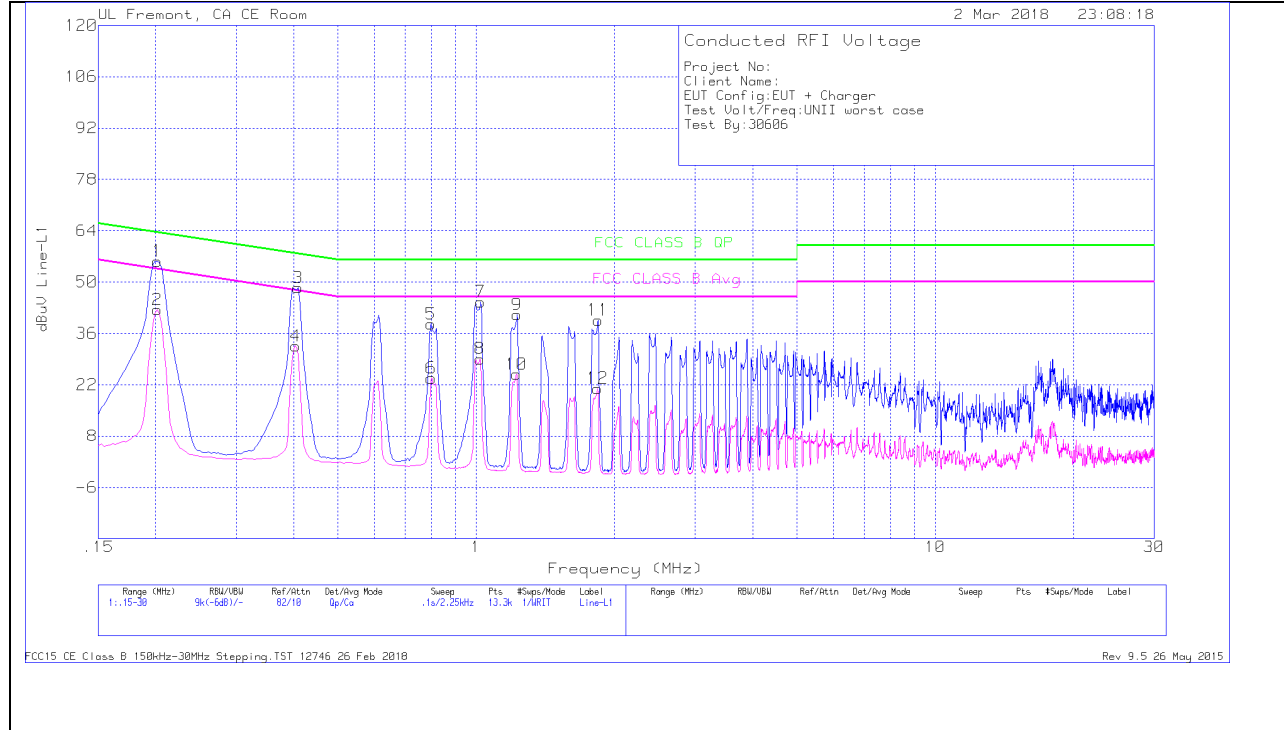
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

10.1.1. AC POWER LINE EUT WITH AC ADAPTER

LINE 1 RESULTS

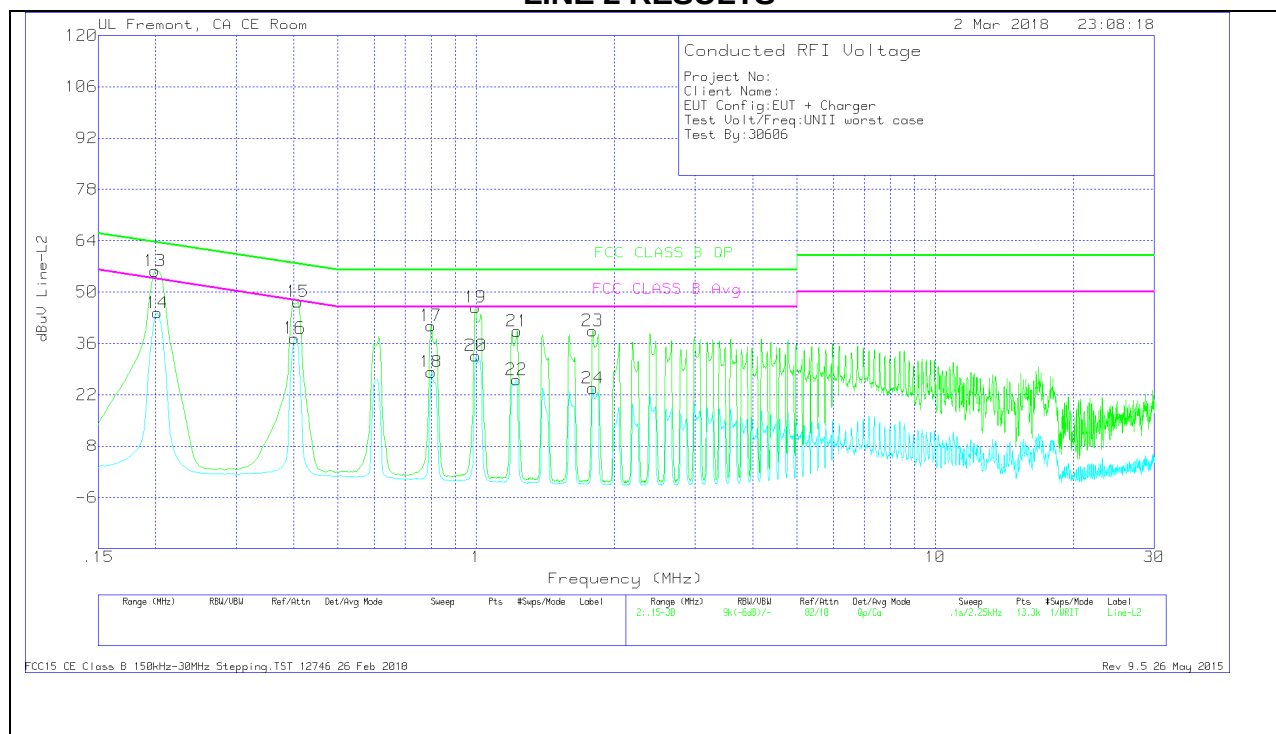


Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Corrected Reading dBuV	FCC CLASS B QP	Margin (dB)	FCC CLASS B Avg	Margin (dB)
1	.20175	55.71	Qp	0	0	55.71	63.54	-7.83	-	-
2	.20175	42.45	Ca	0	0	42.45	-	-	53.54	-11.09
3	.40875	48.47	Qp	0	0	48.47	57.67	-9.2	-	-
4	.40425	32.53	Ca	0	0	32.53	-	-	47.77	-15.24
5	.79575	38.55	Qp	0	0	38.55	56	-17.45	-	-
6	.798	23.78	Ca	0	0	23.78	-	-	46	-22.22
7	1.023	44.52	Qp	0	.1	44.62	56	-11.38	-	-
8	1.0185	28.95	Ca	0	.1	29.05	-	-	46	-16.95
9	1.22775	41	Qp	0	.1	41.1	56	-14.9	-	-
10	1.22325	24.73	Ca	0	.1	24.83	-	-	46	-21.17
11	1.842	39.54	Qp	0	.1	39.64	56	-16.36	-	-
12	1.8375	20.9	Ca	0	.1	21	-	-	46	-25

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



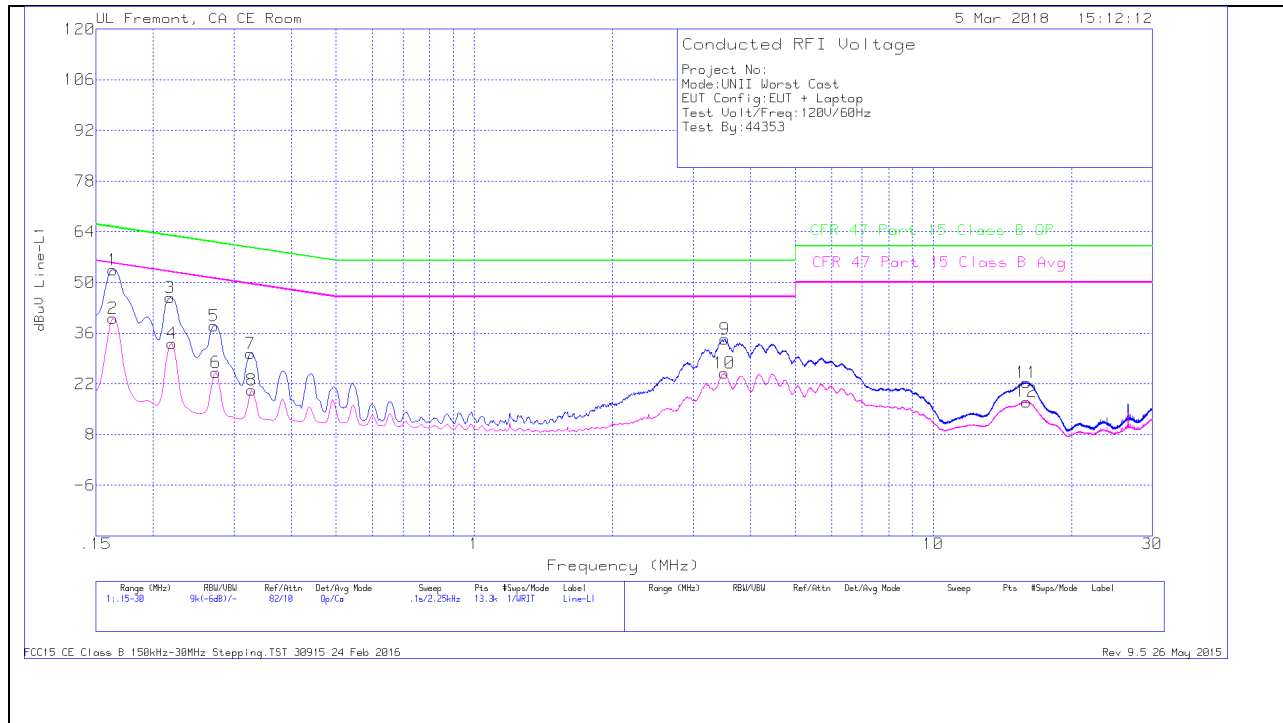
Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Corrected Reading dBuV	FCC CLASS B QP	Margin (dB)	FCC CLASS B Avg	Margin (dB)
13	.1995	55.77	Qp	0	0	55.77	63.63	-7.86	-	-
14	.20175	44.37	Ca	0	0	44.37	-	-	53.54	-9.17
15	.40875	47.39	Qp	0	0	47.39	57.67	-10.28	-	-
16	.402	37.42	Ca	0	0	37.42	-	-	47.81	-10.39
17	.79575	40.81	Qp	0	0	40.81	56	-15.19	-	-
18	.798	28.21	Ca	0	0	28.21	-	-	46	-17.79
19	.996	45.73	Qp	0	.1	45.83	56	-10.17	-	-
20	.99825	32.55	Ca	0	.1	32.65	-	-	46	-13.35
21	1.22775	39.25	Qp	0	.1	39.35	56	-16.65	-	-
22	1.22325	25.98	Ca	0	.1	26.08	-	-	46	-19.92
23	1.7925	39.35	Qp	0	.1	39.45	56	-16.55	-	-
24	1.79475	23.67	Ca	0	.1	23.77	-	-	46	-22.23

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.1.2. AC POWER LINE EUT WITH LAPTOP

LINE 1 RESULTS



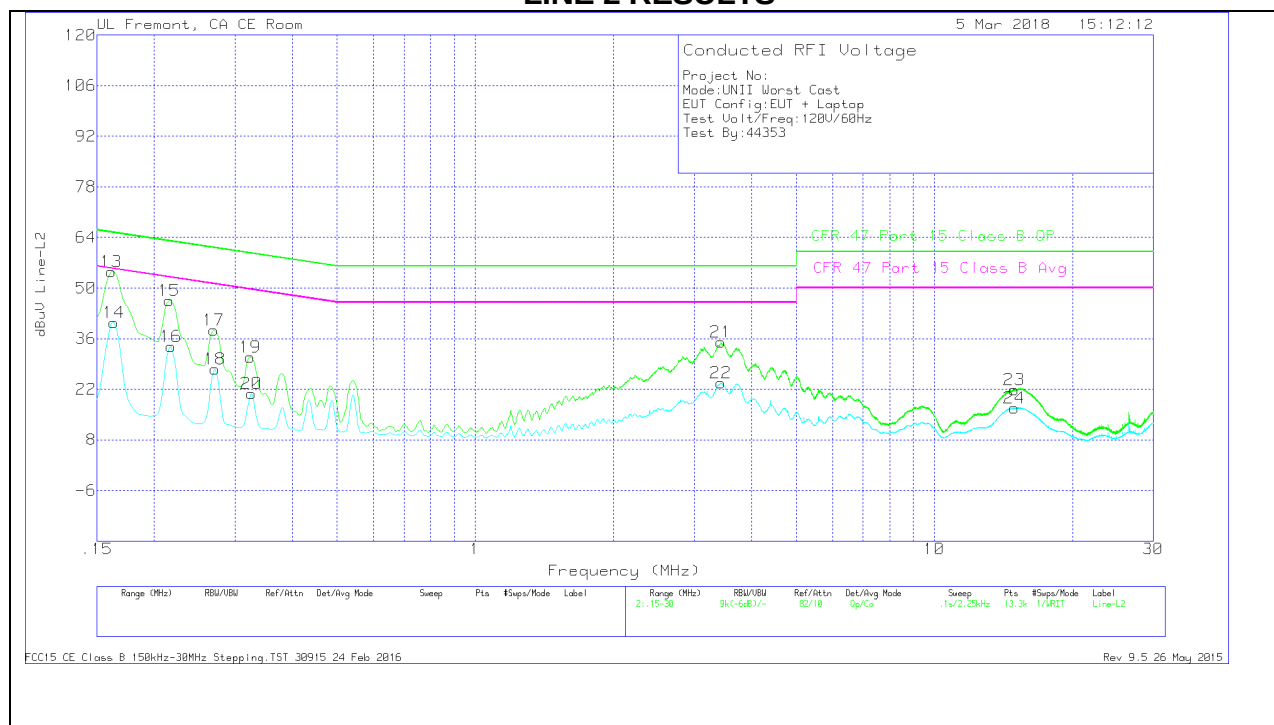
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.1635	43.32	Qp	.1	0	10.1	53.52	65.28	-11.76	-	-
2	.1635	29.84	Ca	.1	0	10.1	40.04	-	-	55.28	-15.24
3	.2175	35.74	Qp	0	0	10.1	45.84	62.91	-17.07	-	-
4	.21975	22.99	Ca	0	0	10.1	33.09	-	-	52.83	-19.74
5	.2715	27.97	Qp	0	0	10.1	38.07	61.07	-23	-	-
6	.27375	14.99	Ca	0	0	10.1	25.09	-	-	51	-25.91
7	.3255	20.31	Qp	0	0	10.1	30.41	59.57	-29.16	-	-
8	.32775	10.23	Ca	0	0	10.1	20.33	-	-	49.51	-29.18
9	3.51375	24.14	Qp	0	.1	10.1	34.34	56	-21.66	-	-
10	3.507	14.69	Ca	0	.1	10.1	24.89	-	-	46	-21.11
11	15.9675	11.82	Qp	0	.3	10.3	22.42	60	-37.58	-	-
12	15.9675	6.46	Ca	0	.3	10.3	17.06	-	-	50	-32.94

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.16125	44.48	Qp	0	0	10.1	54.58	65.4	-10.82	-	-
14	.1635	30.26	Ca	0	0	10.1	40.36	-	-	55.28	-14.92
15	.21525	36.48	Qp	0	0	10.1	46.58	63	-16.42	-	-
16	.2175	23.73	Ca	0	0	10.1	33.83	-	-	52.91	-19.08
17	.26925	28.22	Qp	0	0	10.1	38.32	61.14	-22.82	-	-
18	.2715	17.49	Ca	0	0	10.1	27.59	-	-	51.07	-23.48
19	.32325	20.78	Qp	0	0	10.1	30.88	59.62	-28.74	-	-
20	.3255	10.7	Ca	0	0	10.1	20.8	-	-	49.57	-28.77
21	3.42825	24.78	Qp	0	.1	10.1	34.98	56	-21.02	-	-
22	3.4305	13.51	Ca	0	.1	10.1	23.71	-	-	46	-22.29
23	14.9393	11.22	Qp	.1	.3	10.2	21.82	60	-38.18	-	-
24	14.9483	6.2	Ca	.1	.3	10.2	16.8	-	-	50	-33.2

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF REPORT

11. SETUP PHOTOS

See 12204475-EP1V1 SETUP PHOTOS.