

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	* 1.305	41.49	PK-U	30.1	-31.2	0	40.39	-	-	74	-33.61	-	-	13	335	H
	* 1.306	29.18	ADR	30.1	-31.2	.09	28.17	54	-25.83	-	-	-	-	13	335	H
4	4.482	38.5	PK-U	34.1	-26.6	0	46	-	-	-	-	68.2	-22.2	157	201	V
2	* 7.271	37.19	PK-U	35.9	-24.6	0	48.49	-	-	74	-25.51	-	-	266	100	H
	* 7.271	25.45	ADR	35.9	-24.6	.09	36.84	54	-17.16	-	-	-	-	266	100	H
3	* 11.768	35.04	PK-U	39	-21.8	0	52.24	-	-	74	-21.76	-	-	111	231	H
	* 11.764	23.74	ADR	39	-21.9	.09	40.93	54	-13.07	-	-	-	-	111	231	H
5	* 11.206	34.67	PK-U	38.1	-21.4	0	51.37	-	-	74	-22.63	-	-	320	343	V
	* 11.207	23.29	ADR	38.1	-21.4	.09	40.08	54	-13.92	-	-	-	-	320	343	V
6	14.656	36.9	PK-U	40.2	-23	0	54.1	-	-	-	-	68.2	-14.1	276	120	V

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

PK-U - U-NII: Maximum Peak

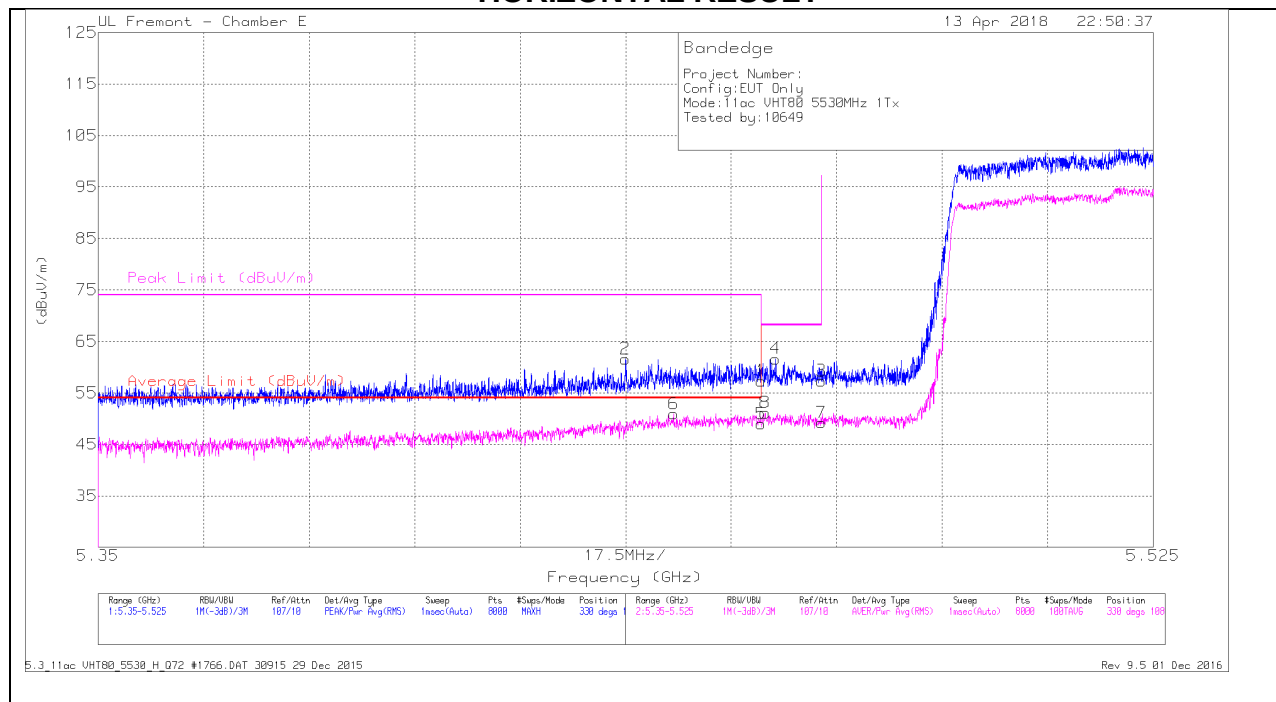
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL 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	42.13	Pk	35.1	-19.9	0	57.33	-	-	74	-16.67	330	108	H
2	* 5.437	46.51	Pk	35.1	-20	0	61.61	-	-	74	-12.39	330	108	H
5	* 5.46	33.56	RMS	35.1	-19.9	.2	48.96	54	-5.04	-	-	330	108	H
6	* 5.445	35.5	RMS	35.1	-19.9	.2	50.9	54	-3.1	-	-	330	108	H
8	5.461	35.71	RMS	35.1	-19.9	.2	51.11	-	-	-	-	330	108	H
4	5.462	46.43	Pk	35.1	-19.9	0	61.63	-	-	68.2	-6.57	330	108	H
3	5.47	42.01	Pk	35.1	-19.8	0	57.31	-	-	68.2	-10.89	330	108	H
7	5.47	33.7	RMS	35.1	-19.8	.2	49.21	-	-	-	-	330	108	H

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

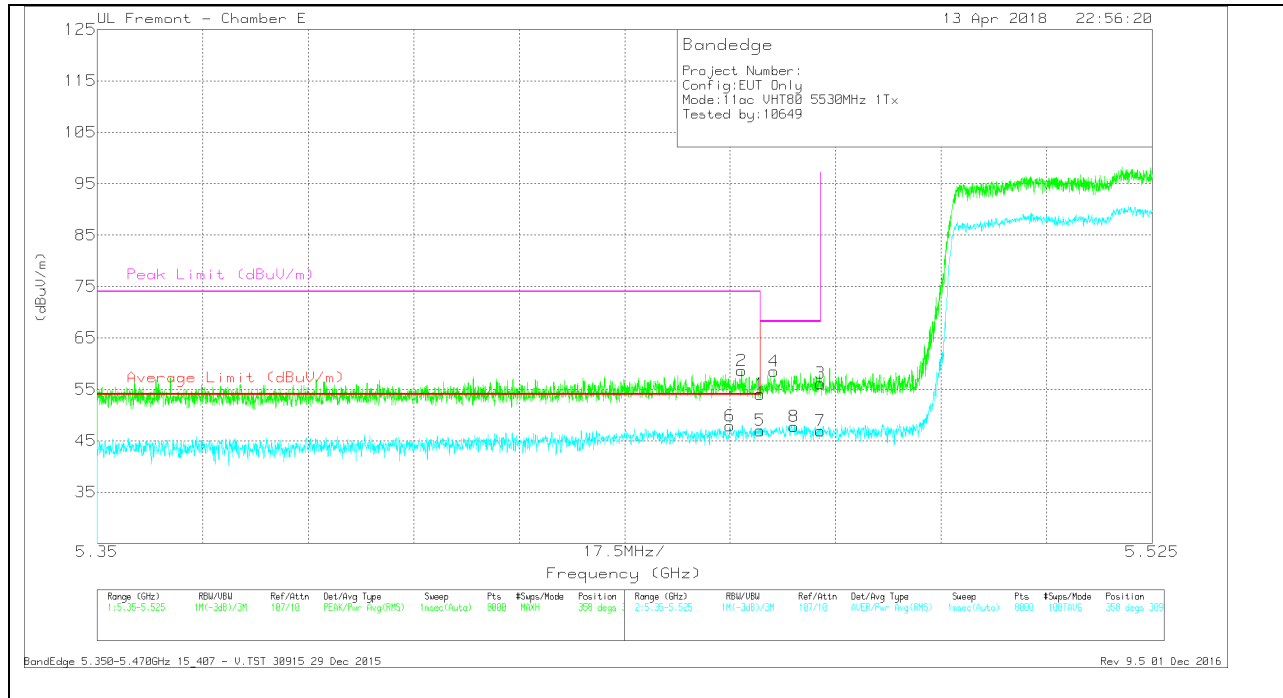
Pk - Peak detector

RMS - RMS detection

5.3_11ac VHT80_5530_H_Q72 #1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Readin g (dBuV)	Det	AF T346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimet h (Degs)	Height (cm)	Polarity
1	* 5.46	38.86	Pk	35.1	-19.9	0	54.06	-	-	74	-19.94	358	309	V
2	* 5.457	43.4	Pk	35.1	-19.9	0	58.6	-	-	74	-15.4	358	309	V
5	* 5.46	31.78	RMS	35.1	-19.9	.2	47.18	54	-6.82	-	-	358	309	V
6	* 5.455	32.69	RMS	35.1	-19.9	.2	48.09	54	-5.91	-	-	358	309	V
4	5.462	43.29	Pk	35.1	-19.9	0	58.49	-	-	68.2	-9.71	358	309	V
8	5.466	32.57	RMS	35.1	-19.9	.2	47.98	-	-	-	-	358	309	V
3	5.47	40.84	Pk	35.1	-19.8	0	56.14	-	-	68.2	-12.06	358	309	V
7	5.47	31.58	RMS	35.1	-19.8	.2	47.09	-	-	-	-	358	309	V

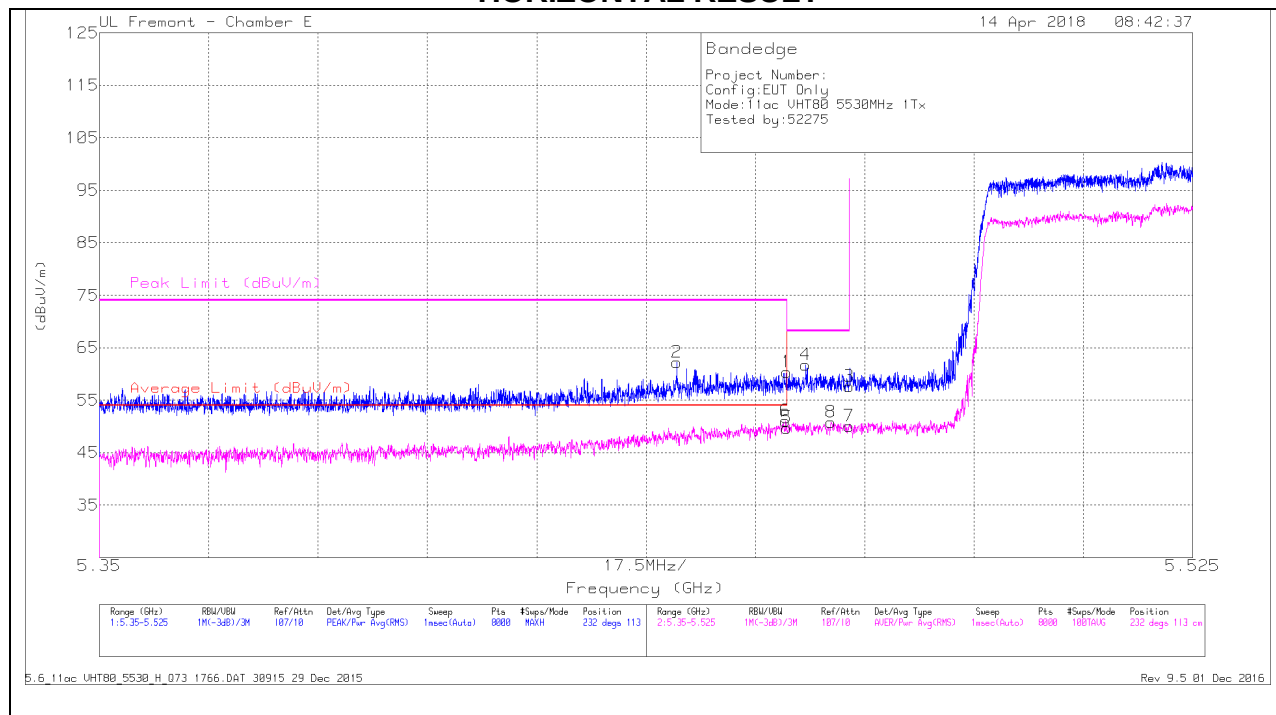
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BandEdge 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (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	* 5.442	47.07	Pk	35.1	-20	0	62.17	-	-	74	-11.83	232	113	H
1	* 5.46	45.16	Pk	35.1	-19.9	0	60.36	-	-	74	-13.64	232	113	H
5	* 5.46	34.32	RMS	35.1	-19.9	.2	49.72	54	-4.28	-	-	232	113	H
6	* 5.46	35.59	RMS	35.1	-19.9	.2	50.99	54	-3.01	-	-	232	113	H
4	5.463	46.48	Pk	35.1	-19.9	0	61.68	-	-	68.2	-6.52	232	113	H
8	5.467	35.33	RMS	35.1	-19.9	.2	50.74	-	-	-	-	232	113	H
3	5.47	42.32	Pk	35.1	-19.8	0	57.62	-	-	68.2	-10.58	232	113	H
7	5.47	34.53	RMS	35.1	-19.8	.2	50.04	-	-	-	-	232	113	H

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

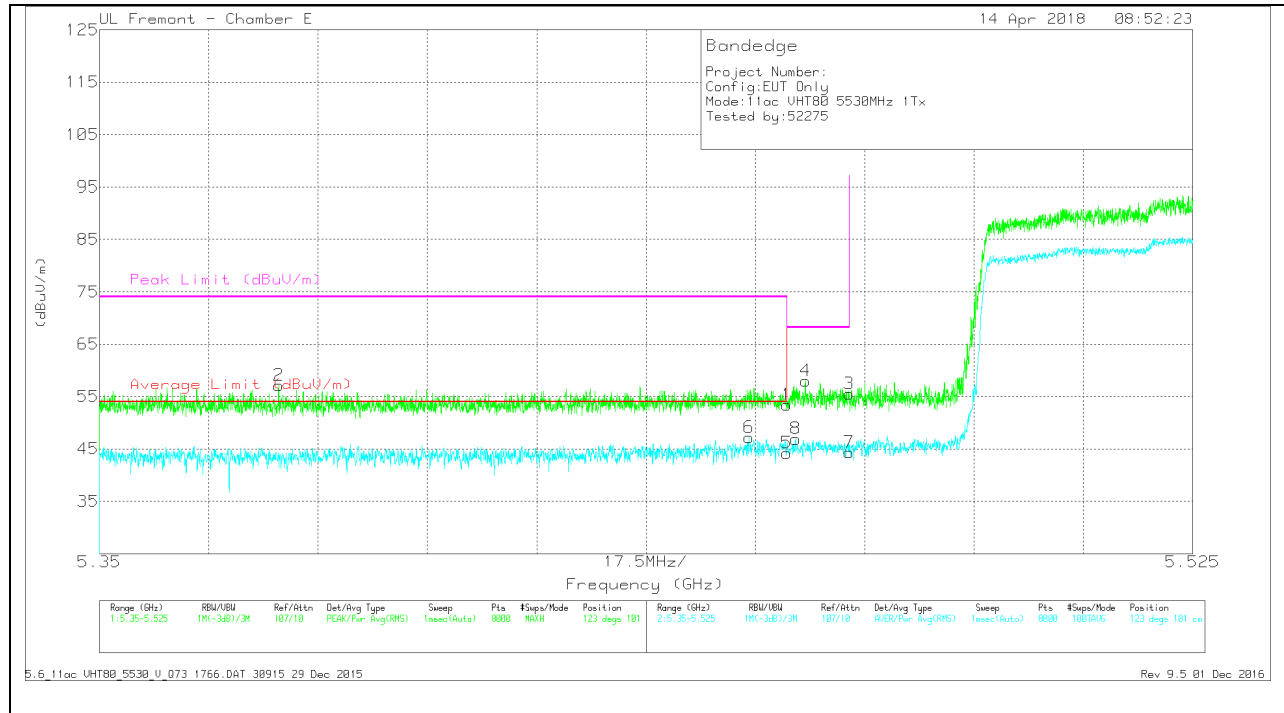
Pk - Peak detector

RMS - RMS detection

5.6_11ac VHT80_5530_H_Q73 1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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	* 5.379	42.07	Pk	35	-20	0	57.07	-	-	74	-16.93	123	101	V
6	* 5.454	31.8	RMS	35.1	-19.9	.2	47.2	54	-6.8	-	-	123	101	V
1	* 5.46	38.25	Pk	35.1	-19.9	0	53.45	-	-	74	-20.55	123	101	V
5	* 5.46	28.78	RMS	35.1	-19.9	.2	44.18	54	-9.82	-	-	123	101	V
8	5.461	31.47	RMS	35.1	-19.9	.2	46.88	-	-	-	-	123	101	V
4	5.463	42.78	Pk	35.1	-19.9	0	57.98	-	-	68.2	-10.22	123	101	V
3	5.47	40.17	Pk	35.1	-19.8	0	55.47	-	-	68.2	-12.73	123	101	V
7	5.47	28.84	RMS	35.1	-19.8	.2	44.35	-	-	-	-	123	101	V

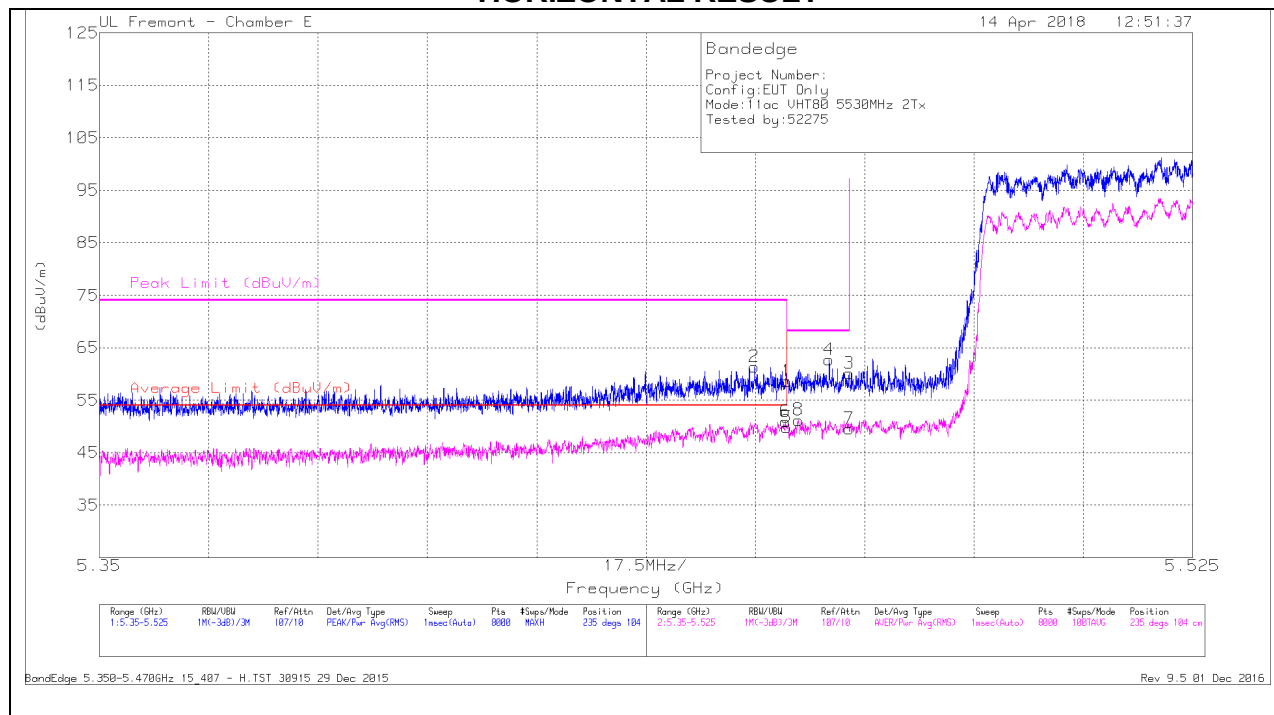
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.6_11ac VHT80_5530_V_Q73 1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (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	46.17	Pk	35.1	-19.9	0	61.37	-	-	74	-12.63	235	104	H
1	* 5.46	43.42	Pk	35.1	-19.9	0	58.62	-	-	74	-15.38	235	104	H
5	* 5.46	34.4	RMS	35.1	-19.9	.2	49.8	54	-4.2	-	-	235	104	H
6	* 5.46	35.51	RMS	35.1	-19.9	.2	50.91	54	-3.09	-	-	235	104	H
8	5.462	35.82	RMS	35.1	-19.9	.2	51.22	-	-	-	-	235	104	H
4	5.467	47.46	Pk	35.1	-19.9	0	62.66	-	-	68.2	-5.54	235	104	H
3	5.47	44.79	Pk	35.1	-19.8	0	60.09	-	-	68.2	-8.11	235	104	H
7	5.47	34.08	RMS	35.1	-19.8	.2	49.58	-	-	-	-	235	104	H

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

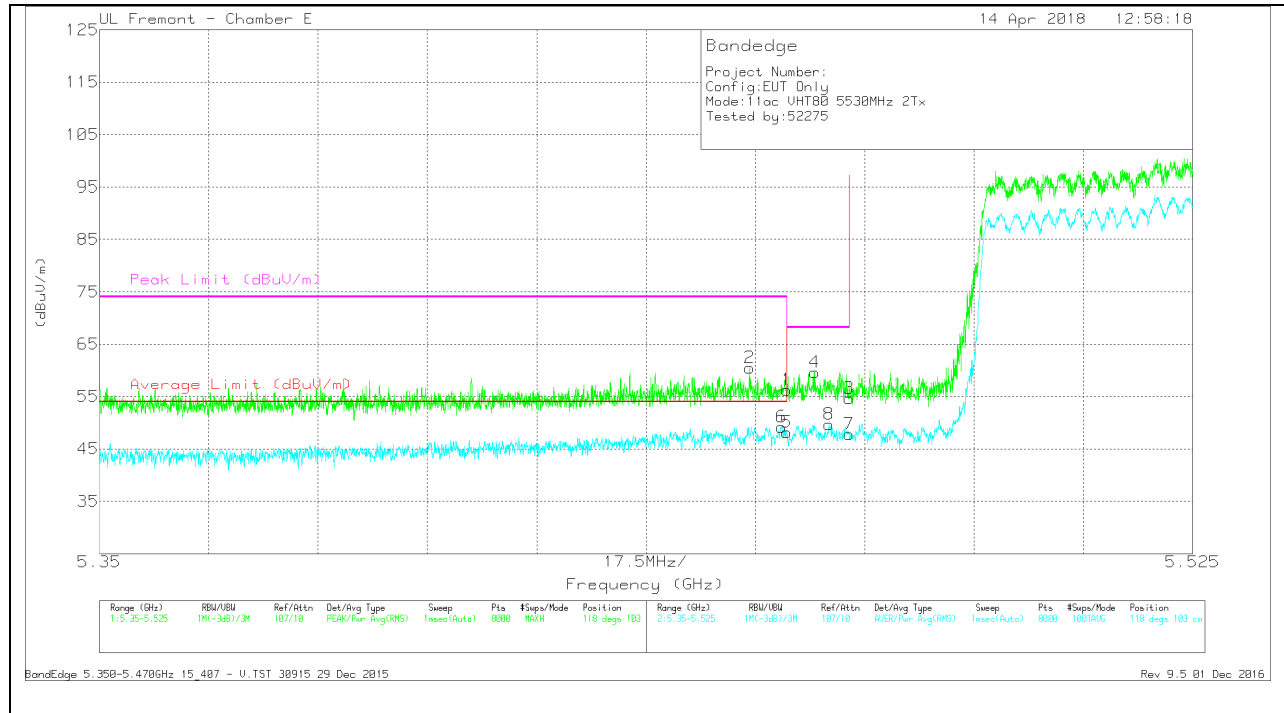
Pk - Peak detector

RMS - RMS detection

BandEdge 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	DC Corr (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	* 5.454	45.32	Pk	35.1	-19.9	0	60.52	-	-	74	-13.48	118	103	V
6	* 5.459	33.97	RMS	35.1	-19.9	.2	49.37	54	-4.63	-	-	118	103	V
1	* 5.46	41.05	Pk	35.1	-19.9	0	56.25	-	-	74	-17.75	118	103	V
5	* 5.46	32.95	RMS	35.1	-19.9	.2	48.35	54	-5.65	-	-	118	103	V
4	5.464	44.46	Pk	35.1	-19.9	0	59.66	-	-	68.2	-8.54	118	103	V
8	5.467	34.47	RMS	35.1	-19.9	.2	49.67	-	-	-	-	118	103	V
3	5.47	39.3	Pk	35.1	-19.8	0	54.6	-	-	68.2	-13.6	118	103	V
7	5.47	32.46	RMS	35.1	-19.8	.2	47.76	-	-	-	-	118	103	V

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

Pk - Peak detector

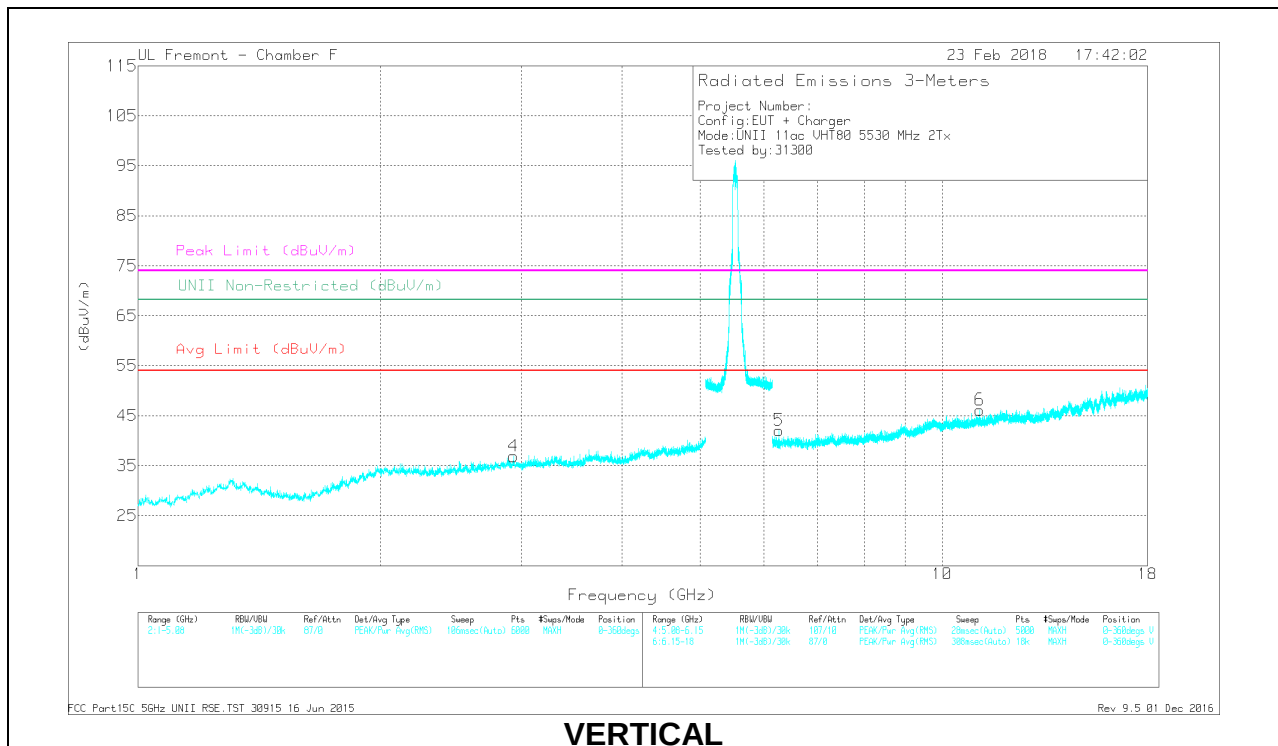
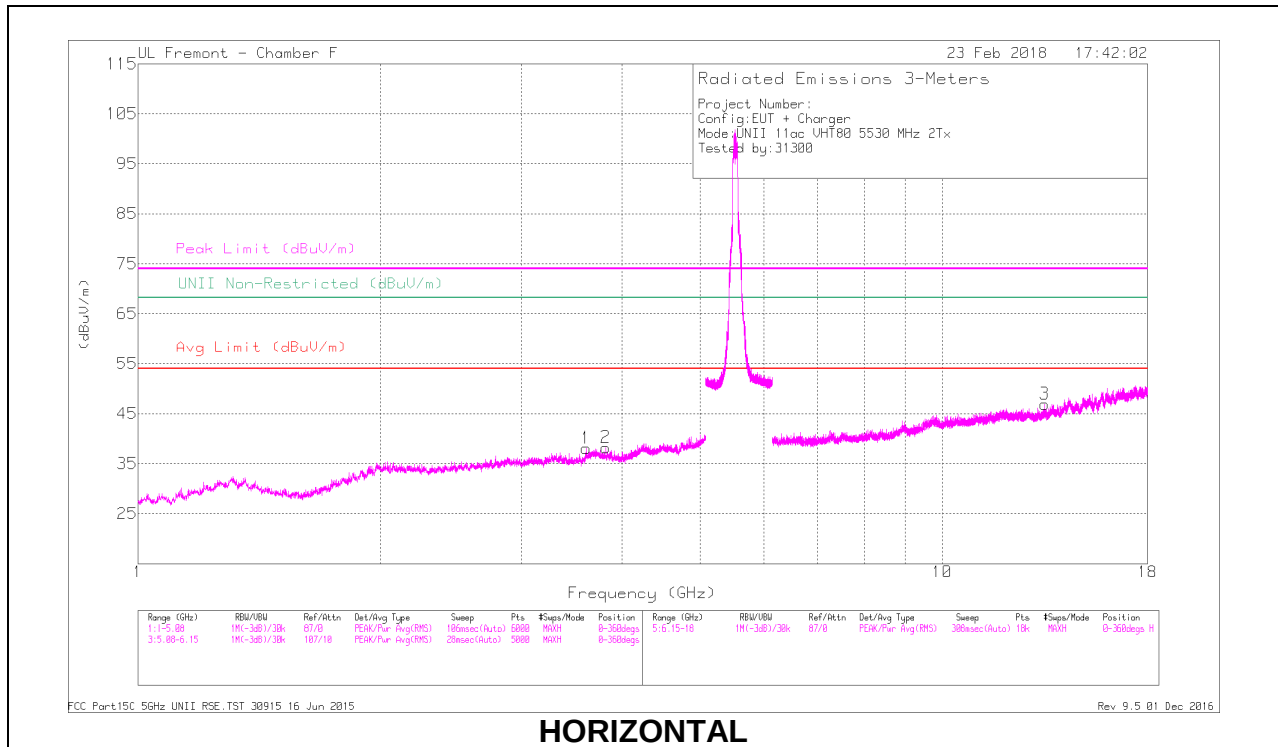
RMS - RMS detection

BandEdge 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

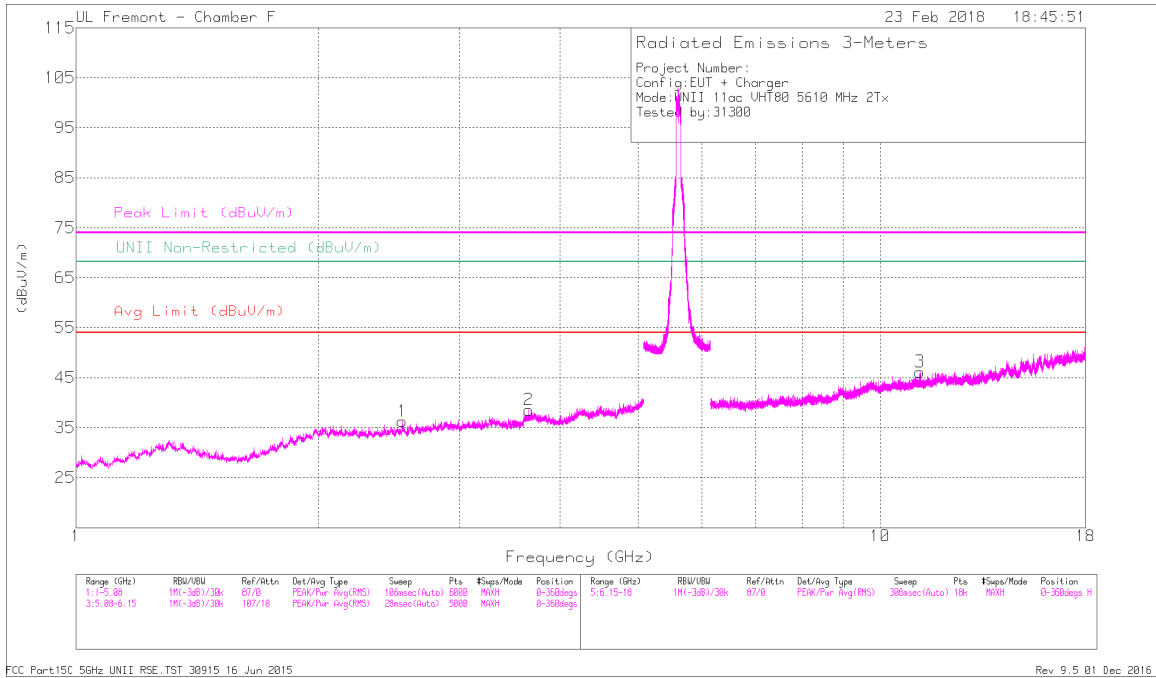
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.606	39.07	PK-U	33.1	-29.2	0	42.97	-	-	74	-31.03	-	-	307	334	H
	* 3.609	27.72	ADR	33.1	-29.2	.2	31.82	54	-22.18	-	-	-	-	307	334	H
2	* 3.817	39.4	PK-U	33.3	-28.5	0	44.2	-	-	74	-29.8	-	-	263	218	H
	* 3.819	27.95	ADR	33.3	-28.5	.2	32.95	54	-21.05	-	-	-	-	263	218	H
4	2.932	39.85	PK-U	32.8	-29.2	0	43.45	-	-	-	-	68.2	-24.75	112	335	V
3	* 13.385	36.17	PK-U	39.4	-23	0	52.57	-	-	74	-21.43	-	-	13	291	H
	* 13.304	24.81	ADR	39.1	-23.3	.2	40.81	54	-13.19	-	-	-	-	13	291	H
5	6.271	37.56	PK-U	35.4	-26	0	46.96	-	-	-	-	68.2	-21.24	299	341	V
6	* 11.131	35.08	PK-U	38.1	-21.7	0	51.48	-	-	74	-22.52	-	-	123	372	V
	* 11.135	23.31	ADR	38.1	-21.7	.2	39.91	54	-14.09	-	-	-	-	123	372	V

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

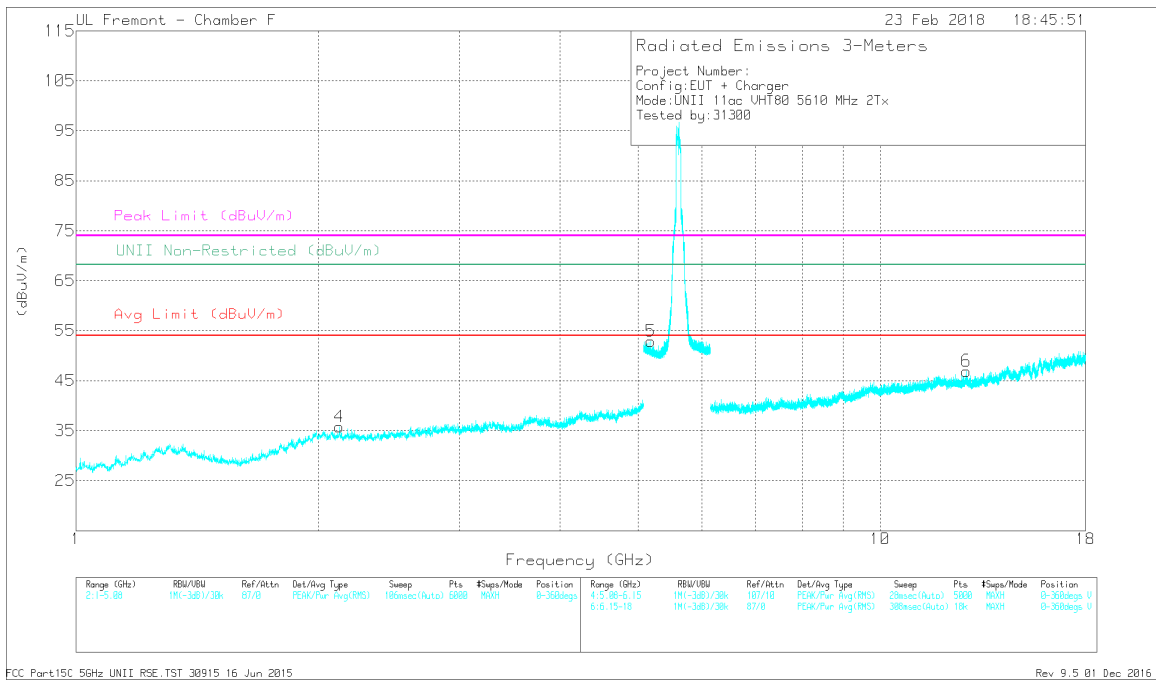
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

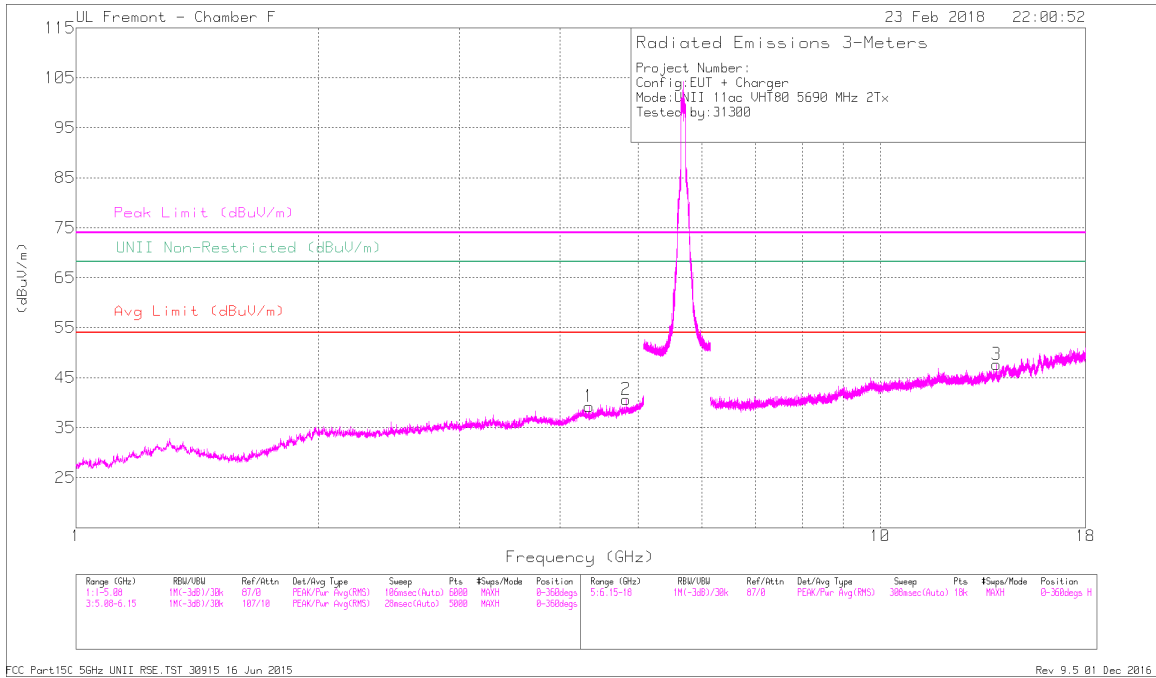
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.547	40.08	PK-U	32.2	-30.1	0	42.18	-	-	-	-	68.2	-26.02	146	308	H
2	* 3.659	39.07	PK-U	33.2	-28.8	0	43.47	-	-	74	-30.53	-	-	242	178	H
	* 3.653	27.44	ADR	33.2	-28.9	.2	31.94	54	-22.06	-	-	-	-	242	178	H
4	2.125	40.43	PK-U	32.2	-30.6	0	42.03	-	-	-	-	68.2	-26.17	216	101	V
5	5.186	42.35	PK-U	34.5	-18.2	0	58.65	-	-	-	-	68.2	-9.55	236	297	V
3	* 11.198	35.4	PK-U	38.1	-21.5	0	52	-	-	74	-22	-	-	354	239	H
	* 11.201	23.6	ADR	38.1	-21.4	.2	40.5	54	-13.5	-	-	-	-	354	239	H
6	12.806	36.08	PK-U	39.2	-22.7	0	52.58	-	-	-	-	68.2	-15.62	200	206	V

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

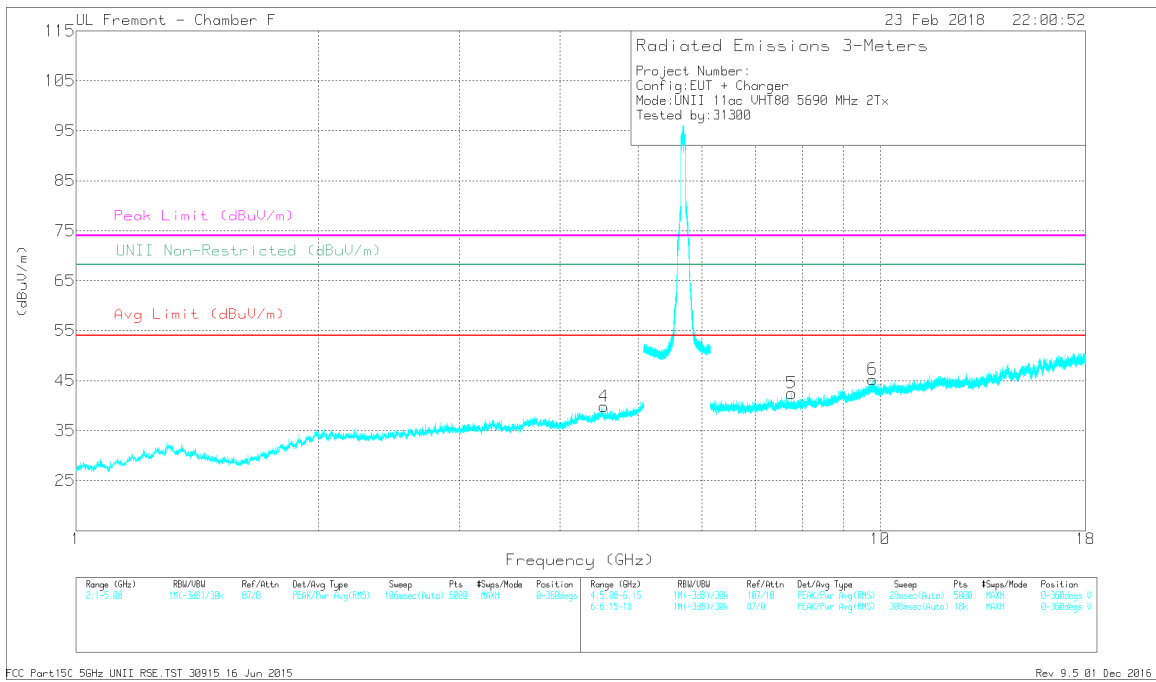
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

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	* 4.348	38.77	PK-U	33.8	-28.3	0	44.27	-	-	74	-29.73	-	-	125	177	H
	* 4.349	27.51	ADR	33.8	-28.3	.2	33.21	54	-20.79	-	-	-	-	125	177	H
2	* 4.826	39.66	PK-U	34.2	-27.5	0	46.36	-	-	74	-27.64	-	-	68	313	H
	* 4.829	27.62	ADR	34.2	-27.5	.2	34.52	54	-19.48	-	-	-	-	68	313	H
4	* 4.532	39.1	PK-U	34.1	-27.5	0	45.7	-	-	74	-28.3	-	-	35	153	V
	* 4.537	27.48	ADR	34.1	-27.7	.2	34.08	54	-19.92	-	-	-	-	35	153	V
3	13.95	36.01	PK-U	39.3	-22.8	0	52.51	-	-	-	-	68.2	-15.69	215	270	H
5	7.759	37.41	PK-U	35.9	-25.1	0	48.21	-	-	-	-	68.2	-19.99	291	162	V
6	9.783	35.07	PK-U	37.4	-21.3	0	51.17	-	-	-	-	68.2	-17.03	14	292	V

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

PK-U - U-NII: Maximum Peak

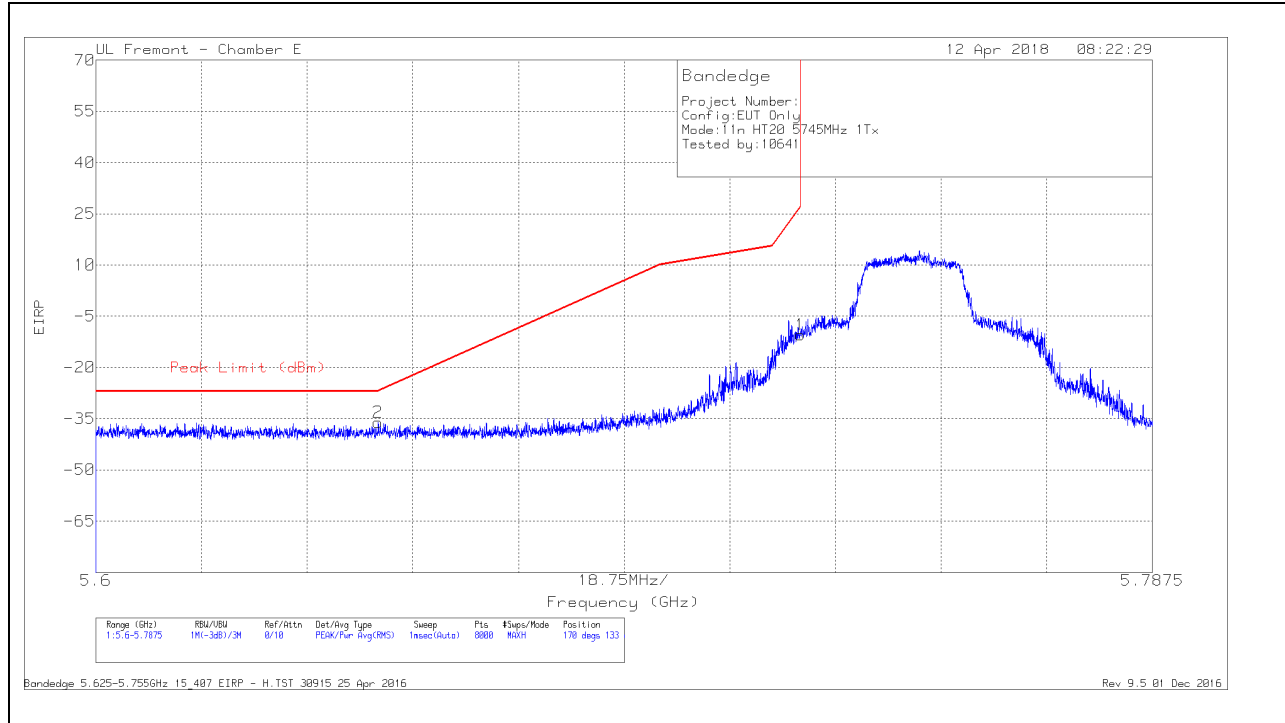
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

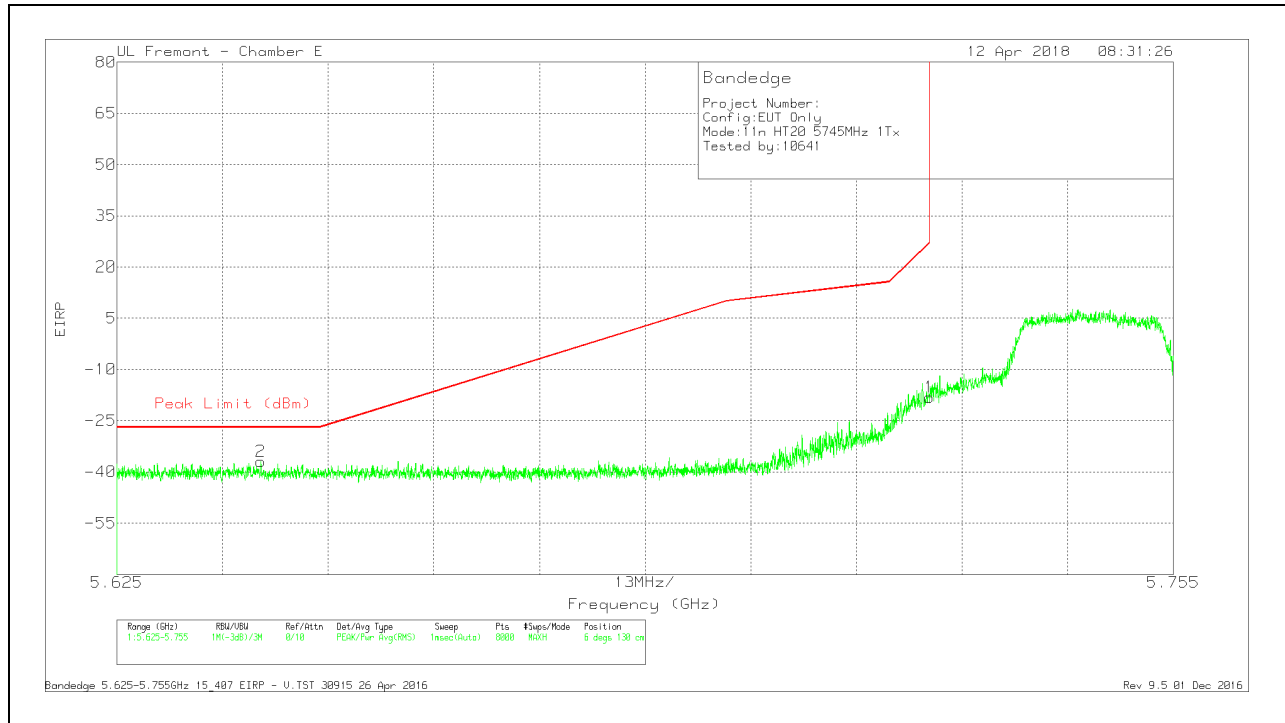
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-63.59	PK	35.1	-19.4	11.8	-36.09	-26.93	-9.16	170	133	H
1	5.725	-38	PK	35.1	-19.4	11.8	-10.5	26.96	-37.46	170	133	H

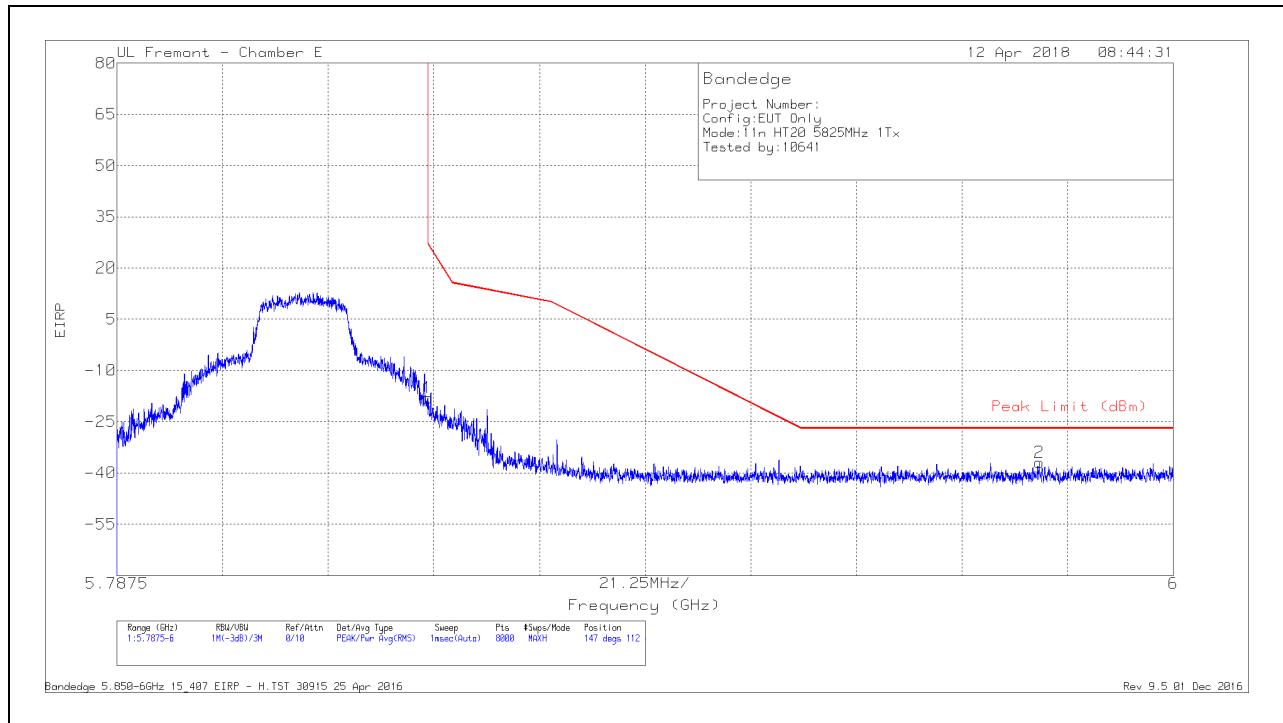
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-64.32	Pk	35	-19.4	11.8	-36.92	-27	-9.92	6	130	V
1	5.725	-45.71	Pk	35.1	-19.4	11.8	-18.21	27	-45.21	6	130	V

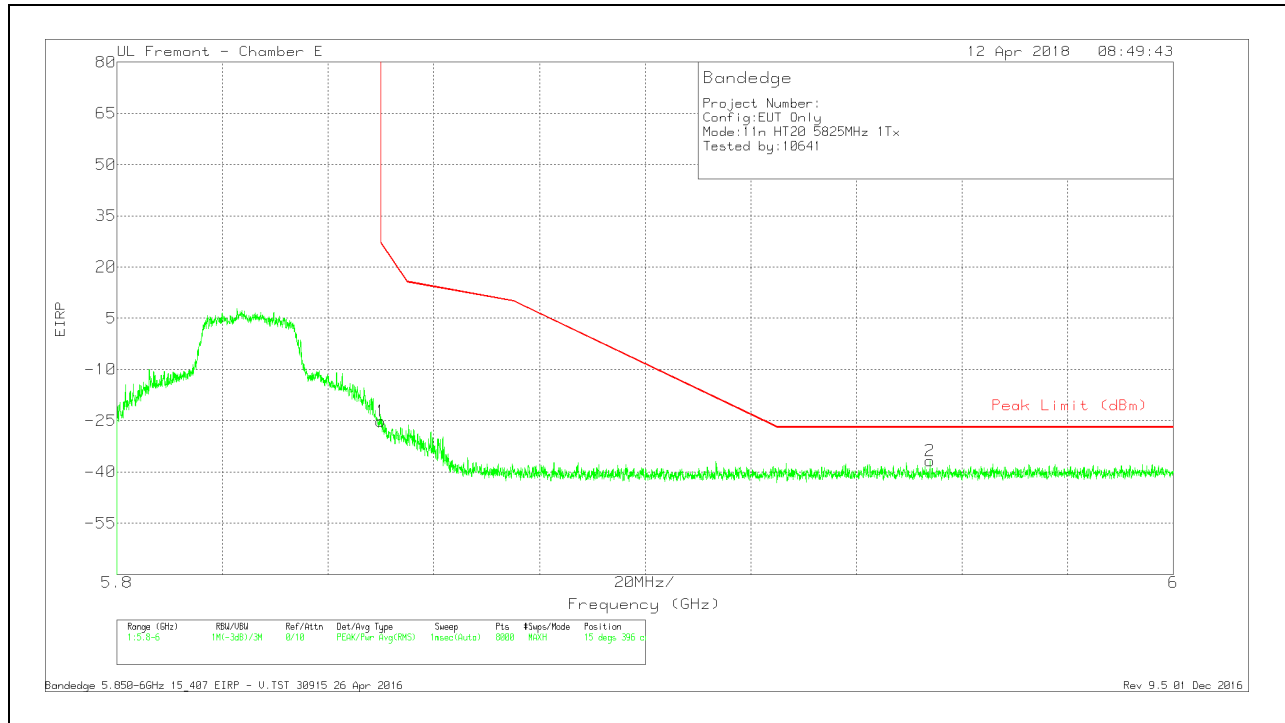
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.44	PK	35.2	-19.6	11.8	-18.04	26.98	-45.02	147	112	H
2	5.973	-64.69	PK	35.3	-19.4	11.8	-36.99	-27	-9.99	147	112	H

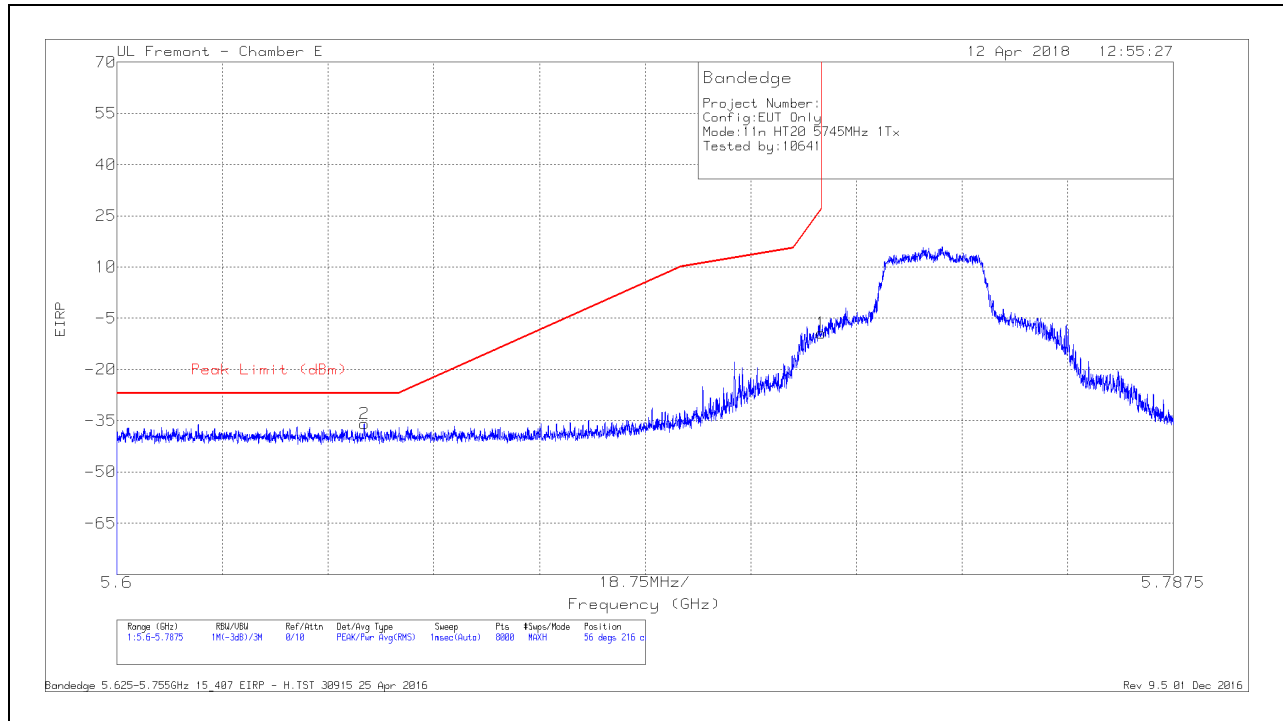
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-52.58	Pk	35.2	-19.6	11.8	-25.18	26.99	-52.17	15	396	V
2	5.954	-64.39	Pk	35.3	-19.5	11.8	-36.79	-27	-9.79	15	396	V

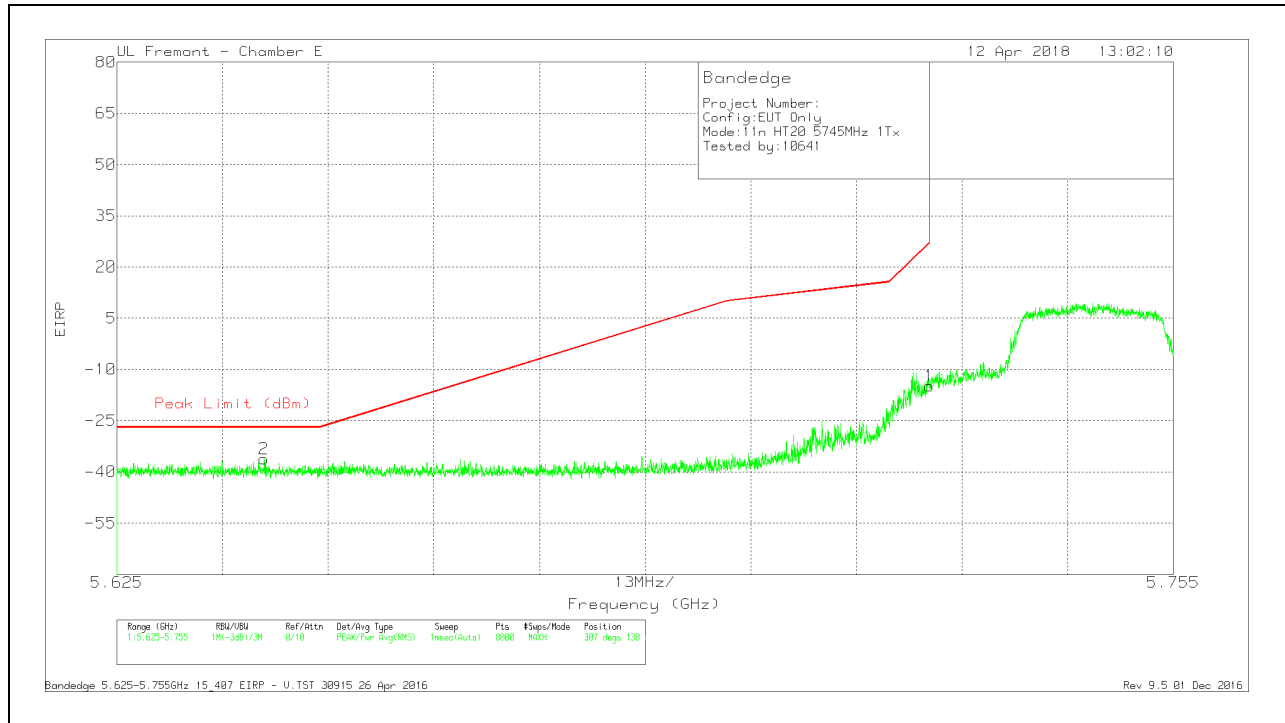
Pk - Peak detector

1TX Antenna 5 MODE**BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-63.36	Pk	35	-19.4	11.8	-35.96	-27	-8.96	56	216	H
1	5.725	-36.84	Pk	35.1	-19.4	11.8	-9.34	26.96	-36.3	56	216	H

Pk - Peak detector

VERTICAL RESULT

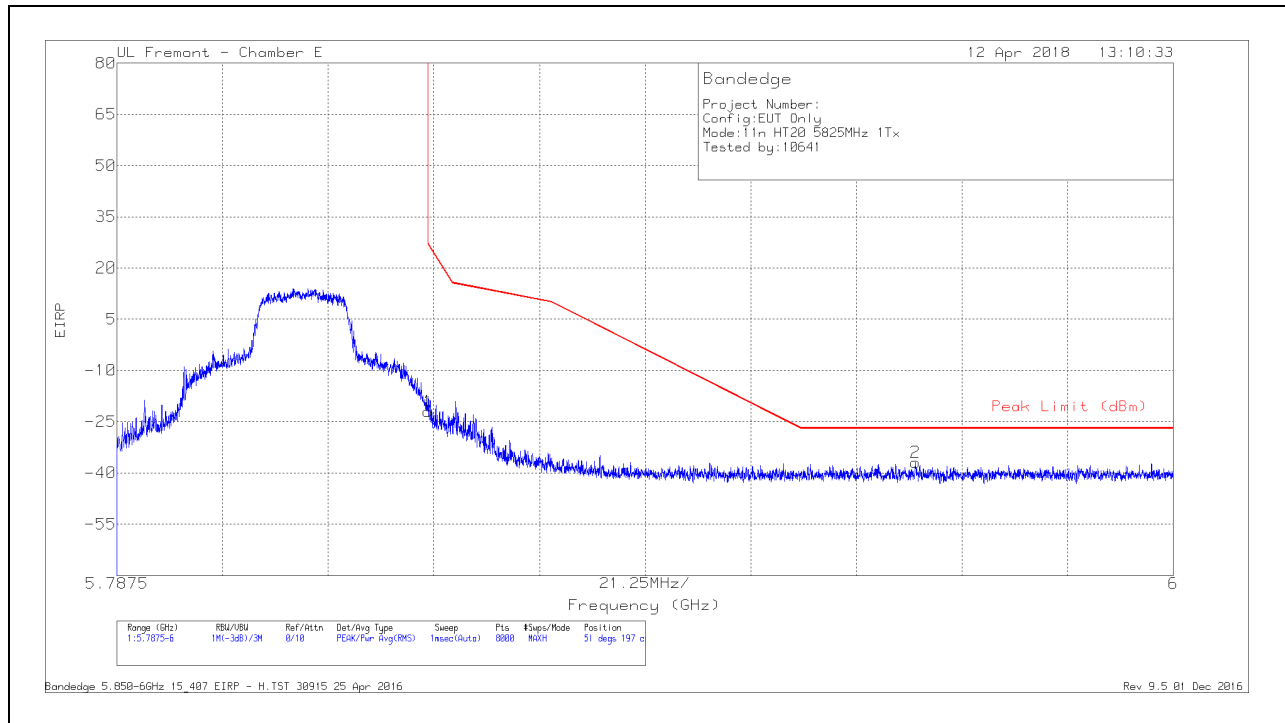


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-63.67	Pk	35	-19.4	11.8	-36.27	-27	-9.27	307	130	V
1	5.725	-42.28	Pk	35.1	-19.4	11.8	-14.78	27	-41.78	307	130	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

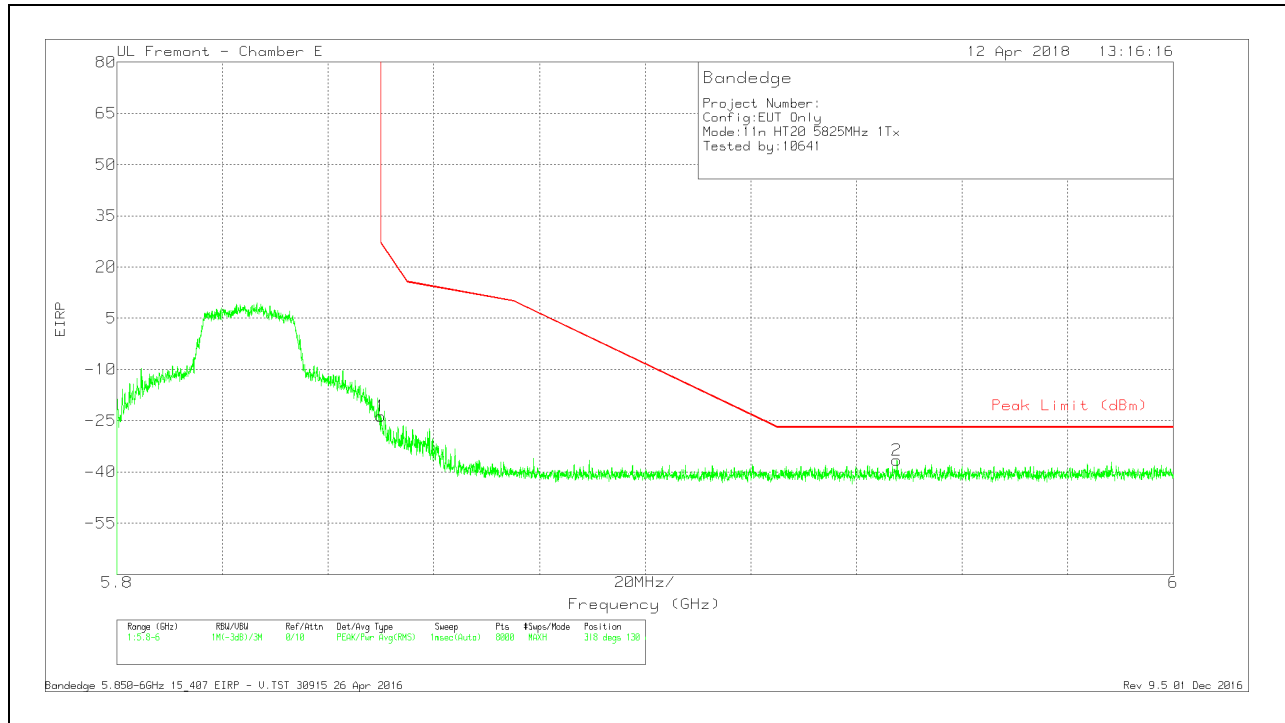
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.41	PK	35.2	-19.6	11.8	-22.01	26.98	-48.99	51	197	H
2	5.948	-64.47	PK	35.3	-19.5	11.8	-36.87	-27	-9.87	51	197	H

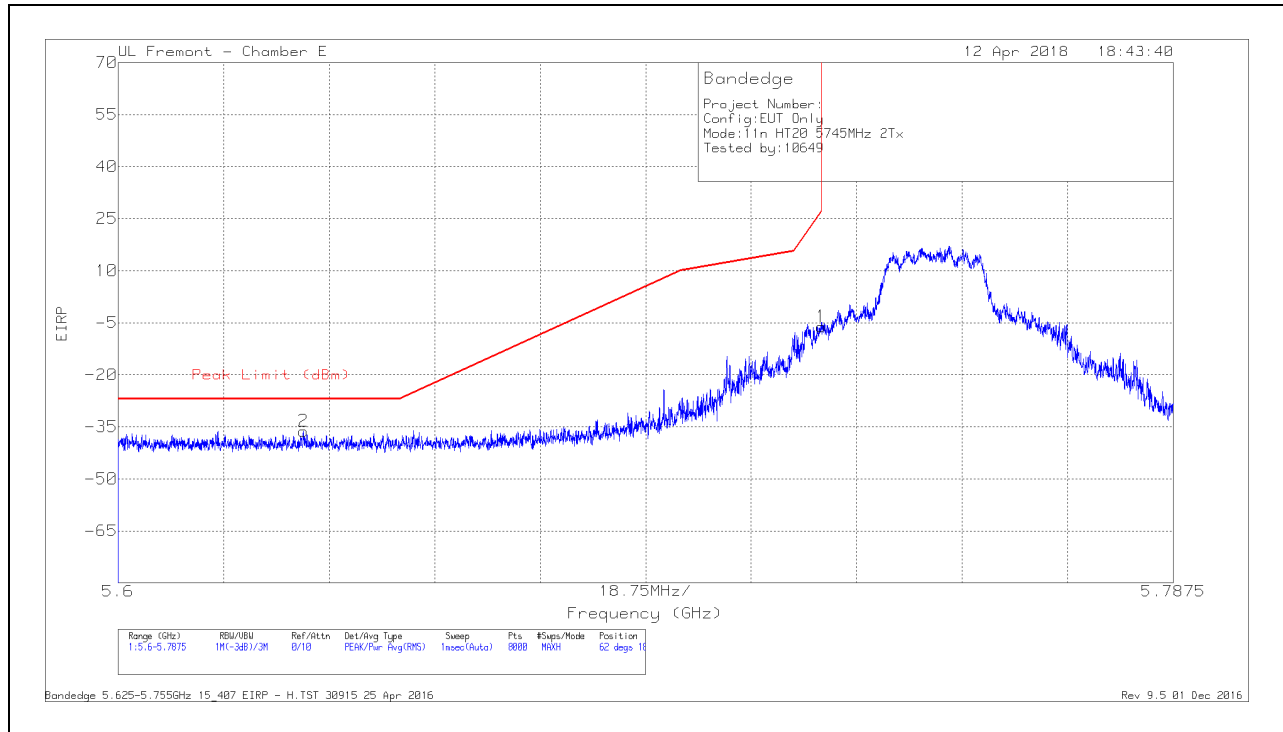
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.12	Pk	35.2	-19.6	11.8	-23.72	26.99	-50.71	318	130	V
2	5.948	-64.24	Pk	35.3	-19.5	11.8	-36.64	-27	-9.64	318	130	V

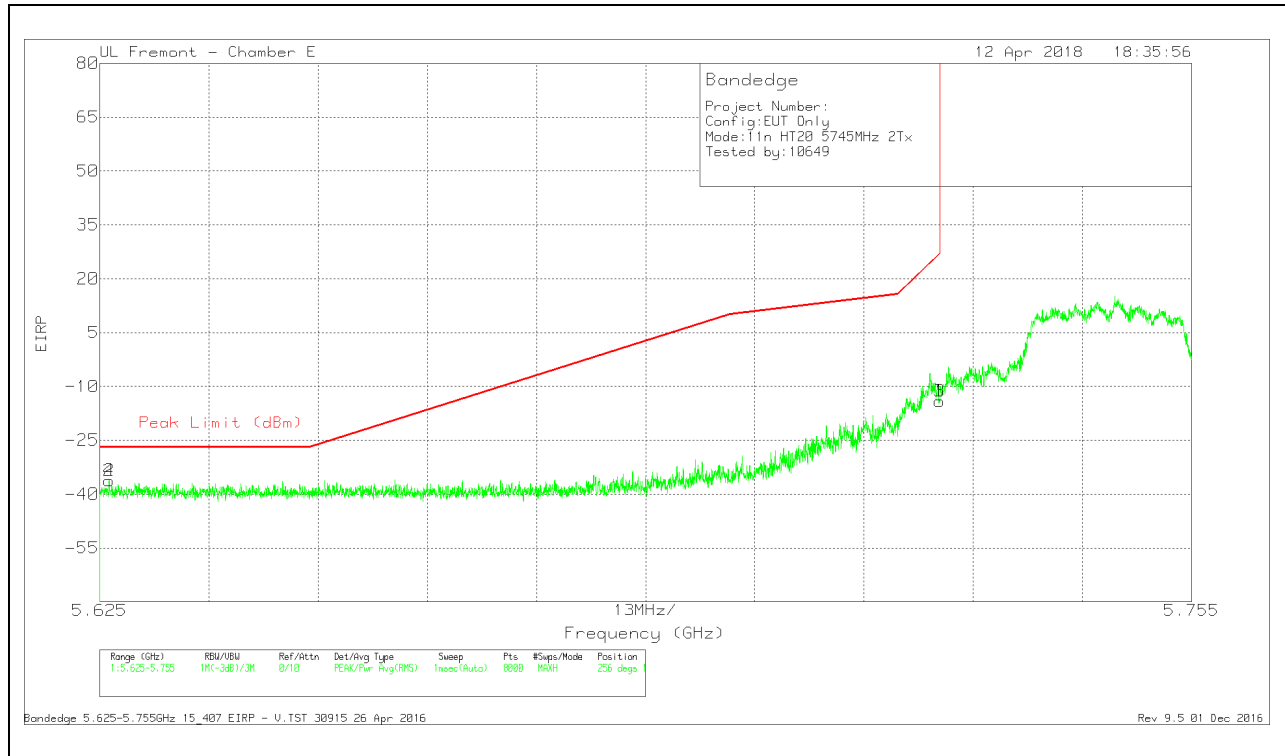
Pk - Peak detector

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/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.633	-63.51	Pk	35	-19.5	11.8	-36.21	-27	-9.21	62	182	H
1	5.725	-33.62	Pk	35.1	-19.4	11.8	-6.12	26.96	-33.08	62	182	H

Pk - Peak detector

VERTICAL RESULT

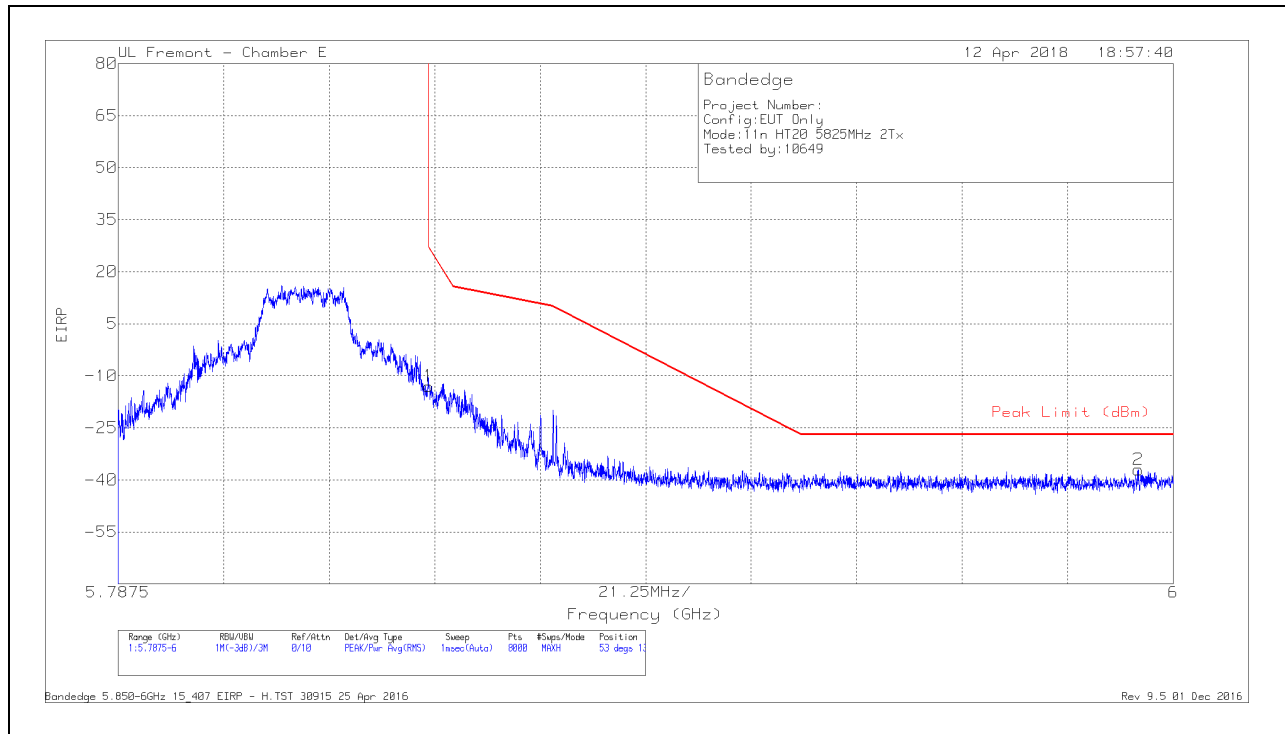


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.626	-63.68	Pk	35	-19.4	11.8	-36.28	-27	-9.28	256	152	V
1	5.725	-41.66	Pk	35.1	-19.4	11.8	-14.16	27	-41.16	256	152	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

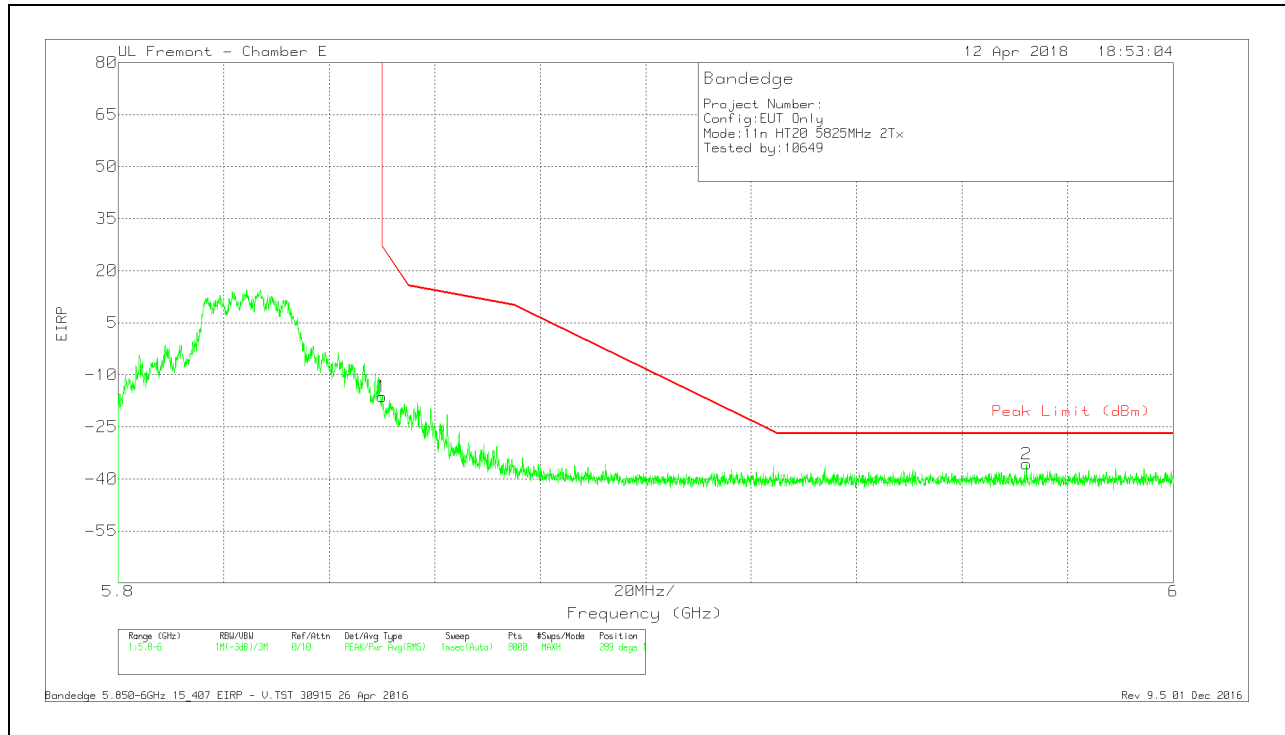
HORIZONTAL RESULT



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	-40.37	Pk	35.2	-19.6	11.8	-12.97	26.98	-39.95	53	136	H
2	5.993	-65.04	Pk	35.4	-19.2	11.8	-37.04	-27	-10.04	53	136	H

Pk - Peak detector

VERTICAL RESULT

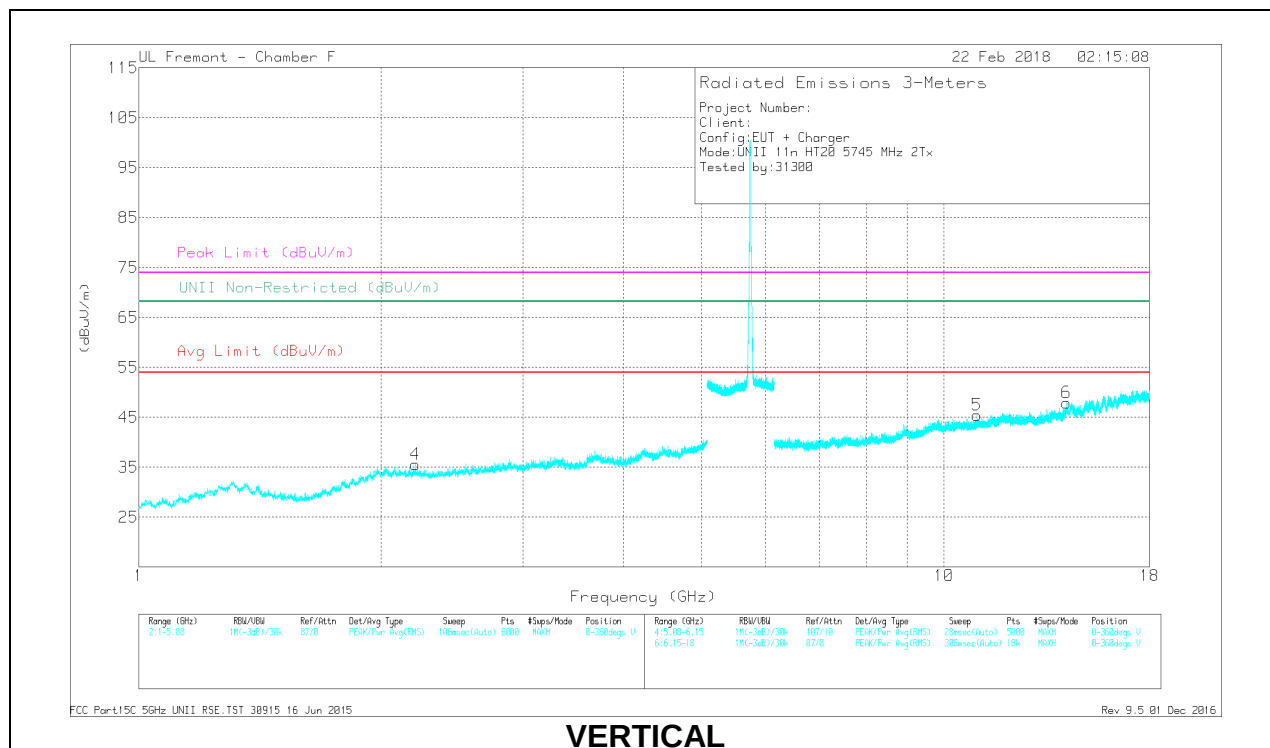
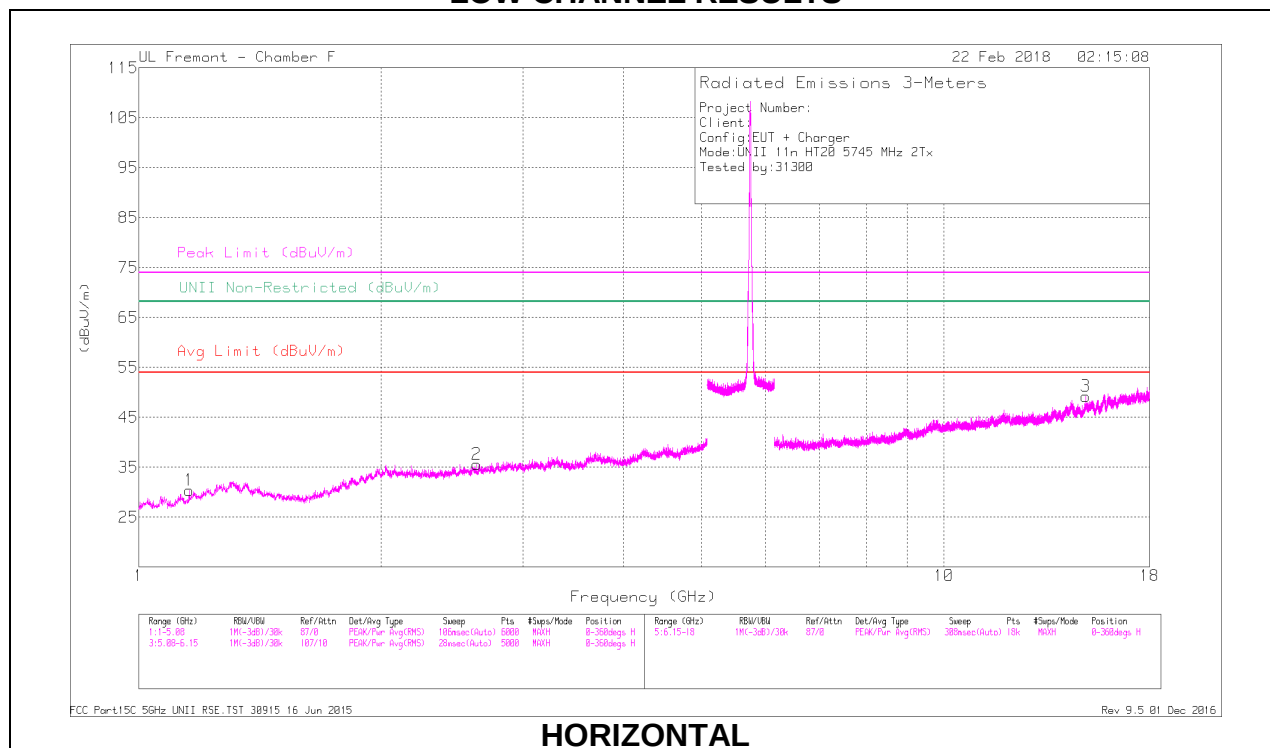


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.72	Pk	35.2	-19.6	11.8	-16.32	26.99	-43.31	289	102	V
2	5.972	-63.43	Pk	35.3	-19.4	11.8	-35.73	-27	-8.73	289	102	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

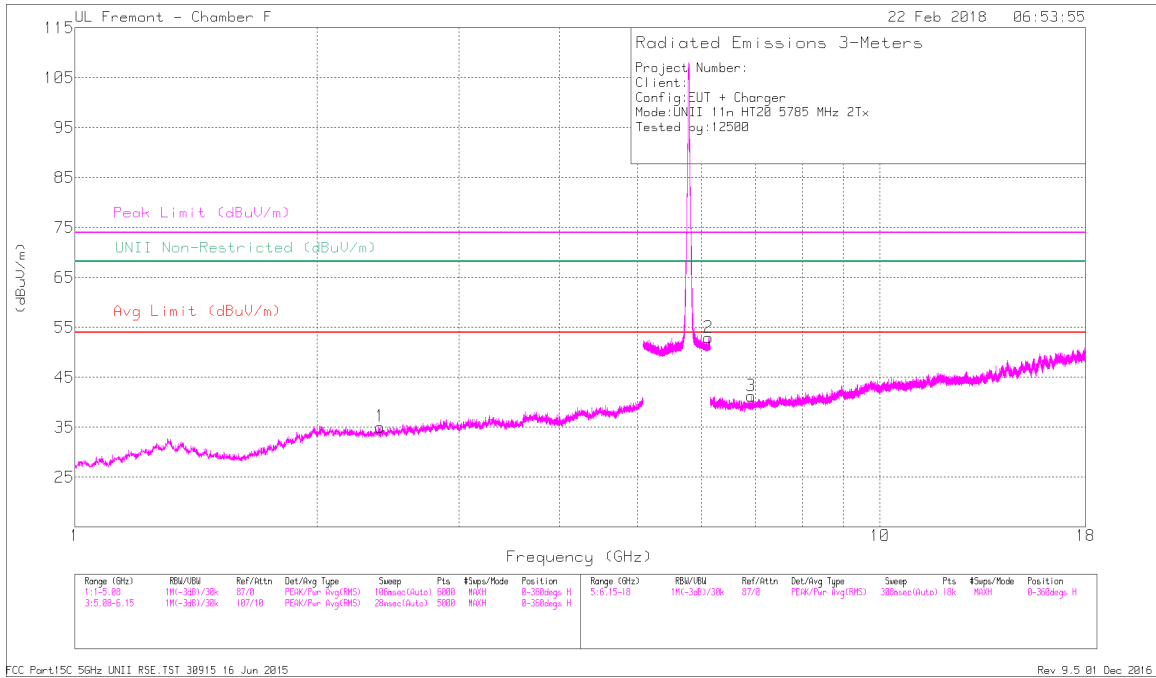
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.156	41.14	PK-U	28	-31.9	37.24	-	-	74	-36.76	-	-	37	123	H
	* 1.158	28.84	ADR	28	-31.9	24.94	54	-29.06	-	-	-	-	37	123	H
2	2.629	39.84	PK-U	32.3	-29.9	42.24	-	-	-	-	68.2	-25.96	307	131	H
4	* 2.204	40.47	PK-U	32	-30.2	42.27	-	-	74	-31.73	-	-	357	400	V
	* 2.209	28.33	ADR	32	-30.1	30.23	54	-23.77	-	-	-	-	357	400	V
3	15.006	36.46	PK-U	41.2	-22.8	54.86	-	-	-	-	68.2	-13.34	304	150	H
5	* 10.99	34.65	PK-U	38.1	-21.7	51.05	-	-	74	-22.95	-	-	342	202	V
	* 10.989	23.33	ADR	38.1	-21.7	39.73	54	-14.27	-	-	-	-	342	202	V
6	14.188	36.99	PK-U	40.5	-23.2	54.29	-	-	-	-	68.2	-13.91	135	101	V

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

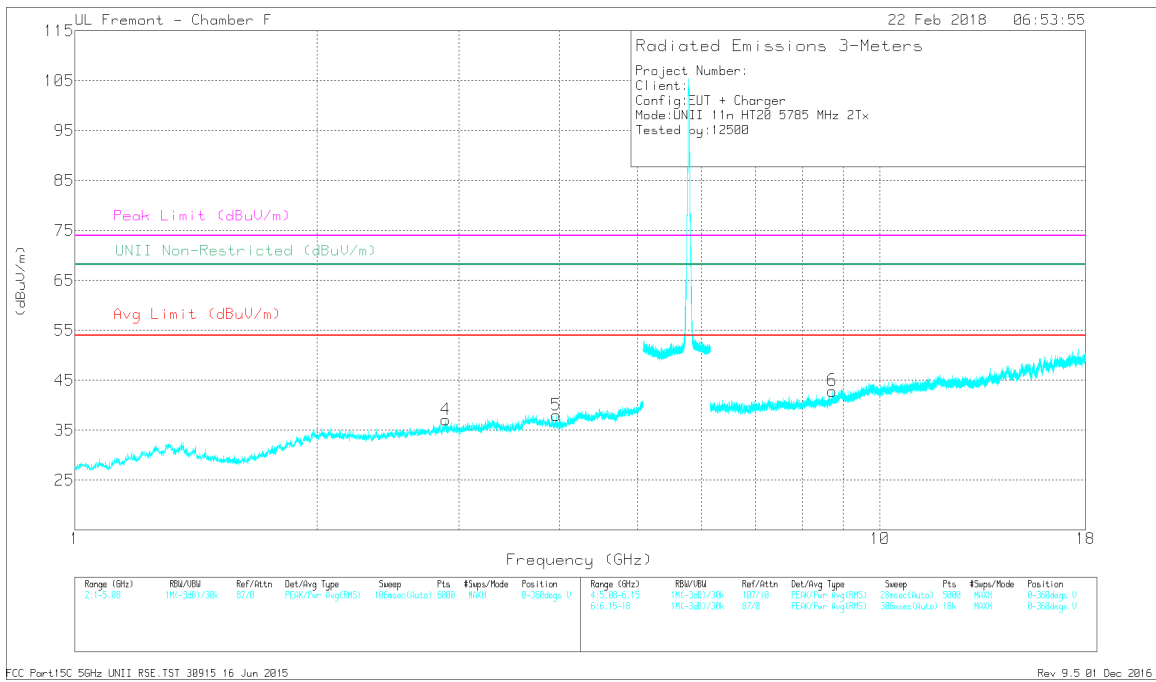
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

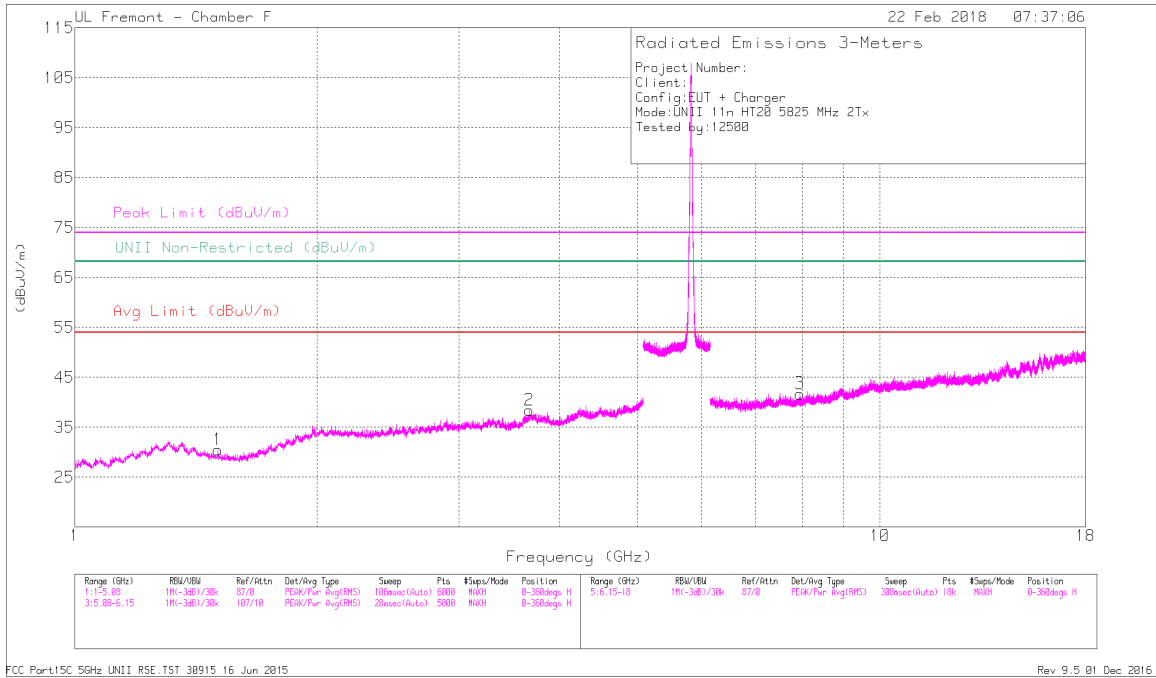
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.394	39.92	PK-U	31.9	-30.3	41.52	-	-	-	-	68.2	-26.68	68	383	H
4	* 2.891	39.19	PK-U	32.8	-28.8	43.19	-	-	74	-30.81	-	-	315	305	V
	* 2.889	27.54	ADR	32.8	-28.9	31.44	54	-22.56	-	-	-	-	315	305	V
5	* 3.961	39.41	PK-U	33.3	-28.8	43.91	-	-	74	-30.09	-	-	156	200	V
	* 3.961	27.83	ADR	33.3	-28.8	32.33	54	-21.67	-	-	-	-	156	200	V
2	6.124	41.41	PK-U	35.3	-17.3	59.41	-	-	-	-	68.2	-8.79	208	100	H
3	6.912	36.9	PK-U	35.7	-25.8	46.8	-	-	-	-	68.2	-21.4	284	354	H
6	8.729	36.09	PK-U	36.2	-22.8	49.49	-	-	-	-	68.2	-18.71	126	261	V

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

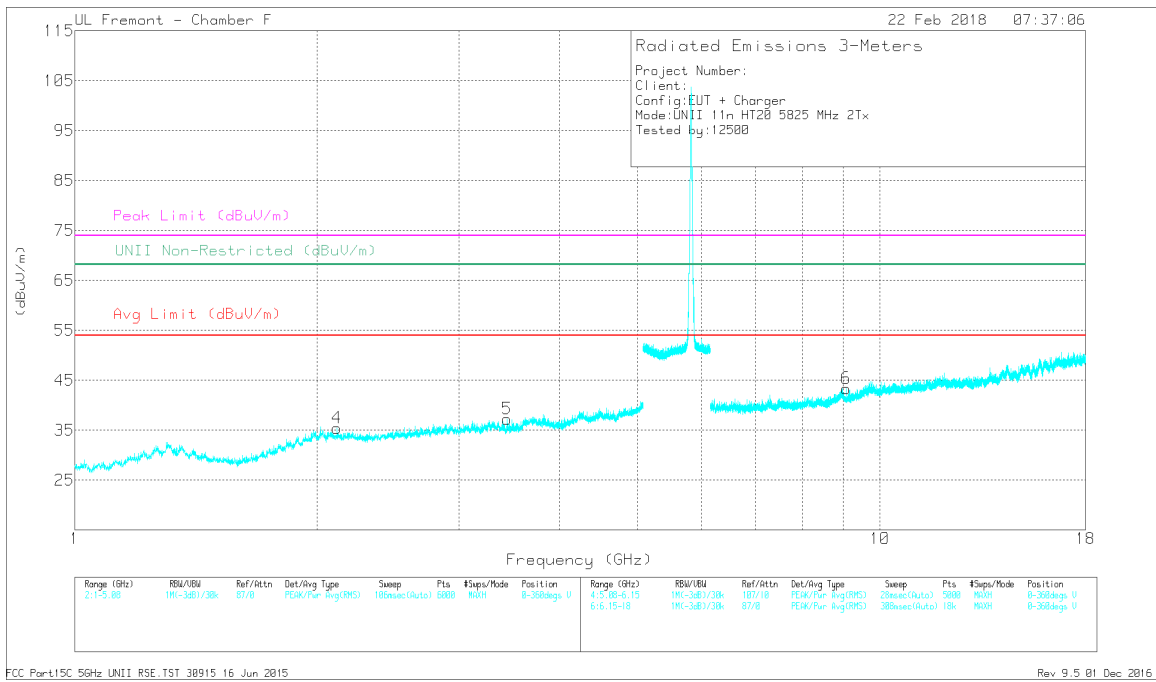
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 1.505	41.03	PK-U	27.7	-31.3	37.43	-	-	74	-36.57	-	-	170	154	H
	* 1.504	28.78	ADR	27.7	-31.3	25.18	54	-28.82	-	-	-	-	170	154	H
2	* 3.669	38.98	PK-U	33.3	-28.7	43.58	-	-	74	-30.42	-	-	52	178	H
	* 3.669	27.21	ADR	33.3	-28.6	31.91	54	-22.09	-	-	-	-	52	178	H
4	2.116	40.56	PK-U	32.2	-30.5	42.26	-	-	-	-	68.2	-25.94	30	323	V
5	3.444	39.61	PK-U	33	-29.1	43.51	-	-	-	-	68.2	-24.69	174	372	V
3	7.947	36.58	PK-U	35.9	-24.9	47.58	-	-	-	-	68.2	-20.62	295	261	H
6	* 9.08	35.75	PK-U	36.5	-22.9	49.35	-	-	74	-24.65	-	-	136	142	V
	* 9.079	23.94	ADR	36.5	-22.9	37.54	54	-16.46	-	-	-	-	136	142	V

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

PK-U - U-NII: Maximum Peak

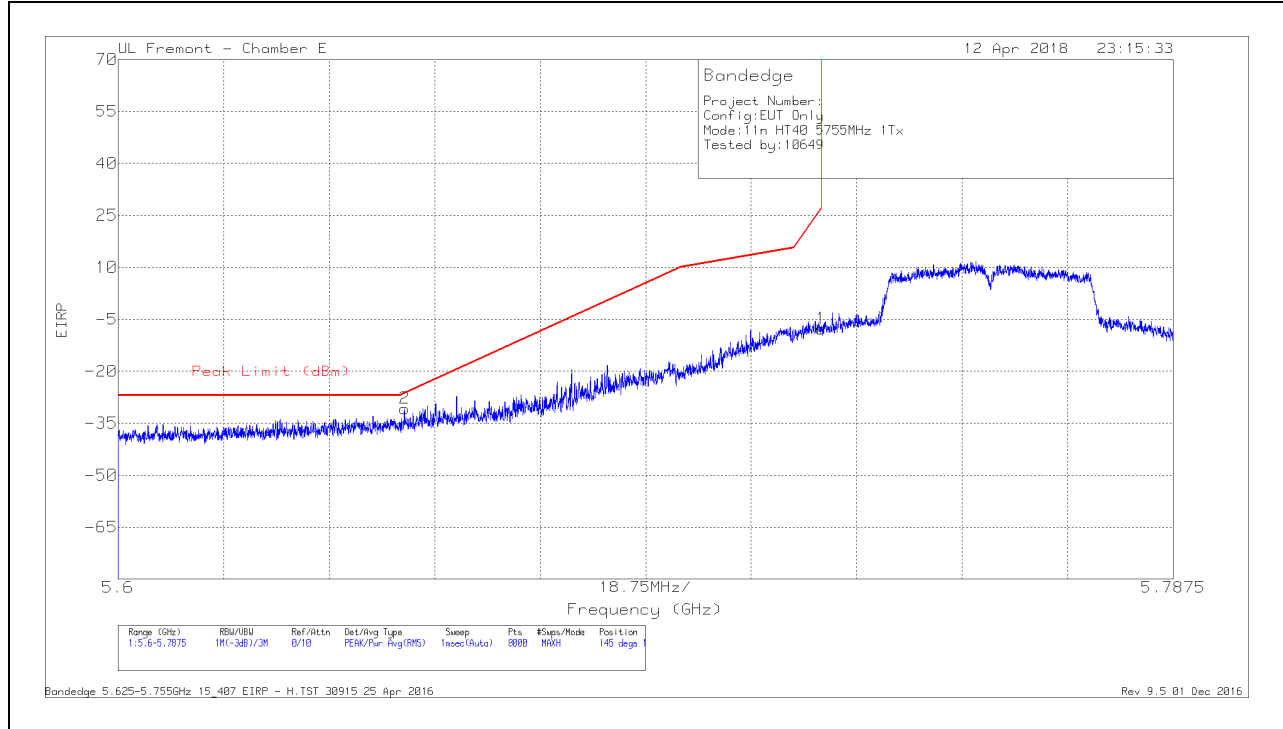
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

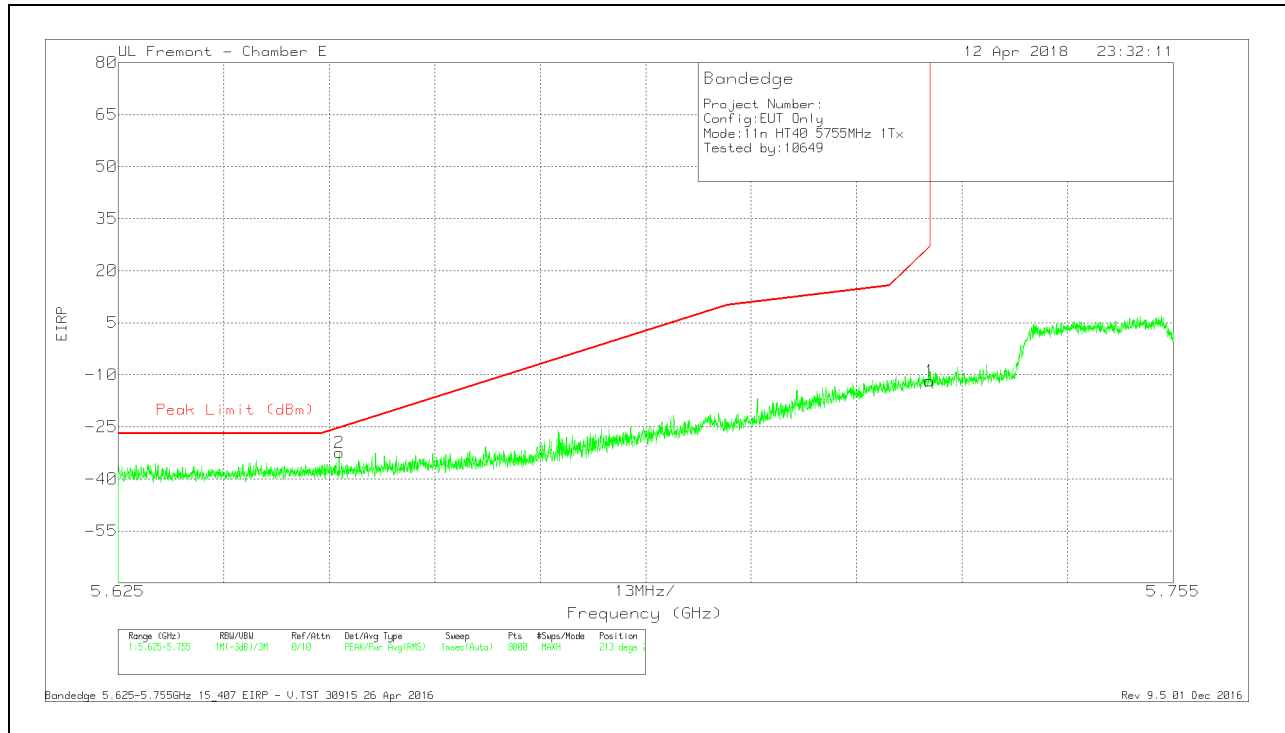
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651	-58.35	Pk	35.1	-19.3	11.8	-30.75	-26.33	-4.42	145	164	H
1	5.725	-35.2	Pk	35.1	-19.4	11.8	-7.7	26.96	-34.66	145	164	H

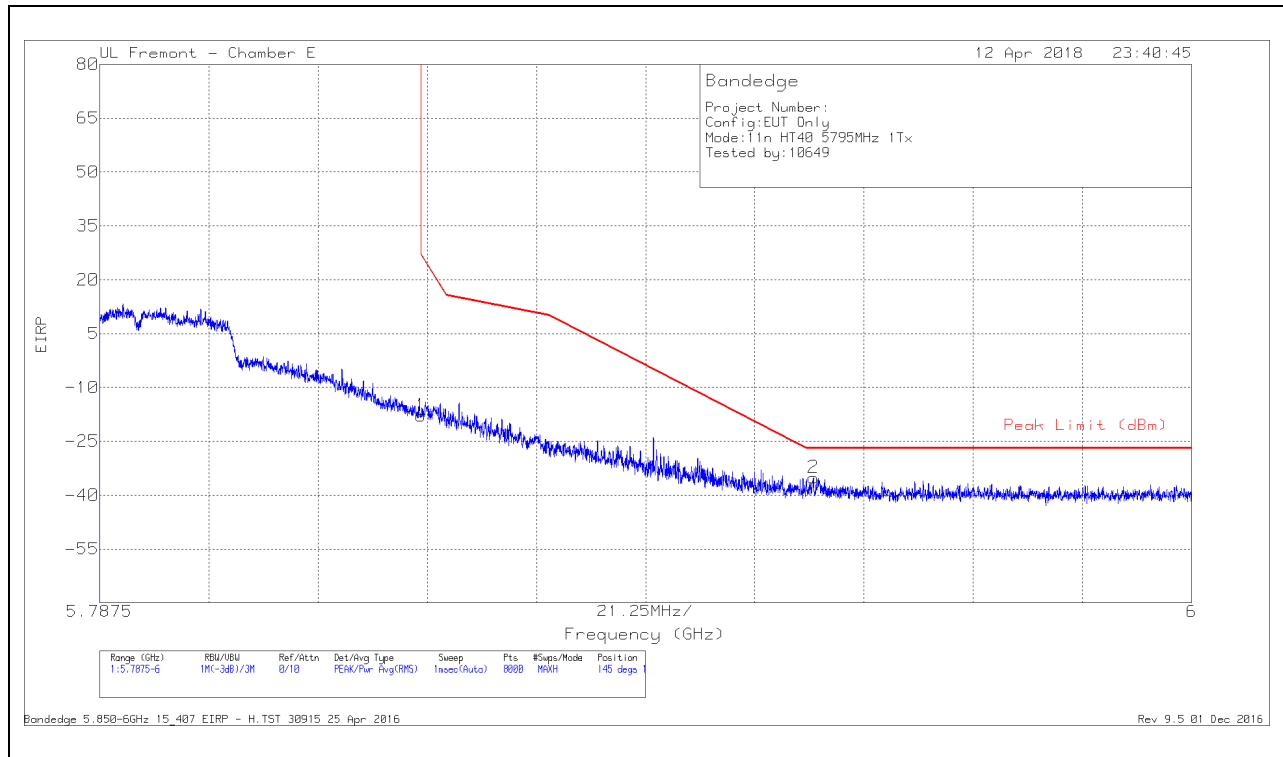
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.652	-60.03	Pk	35.1	-19.3	11.8	-32.43	-25.34	-7.09	213	262	V
1	5.725	-39.27	Pk	35.1	-19.4	11.8	-11.77	27	-38.77	213	262	V

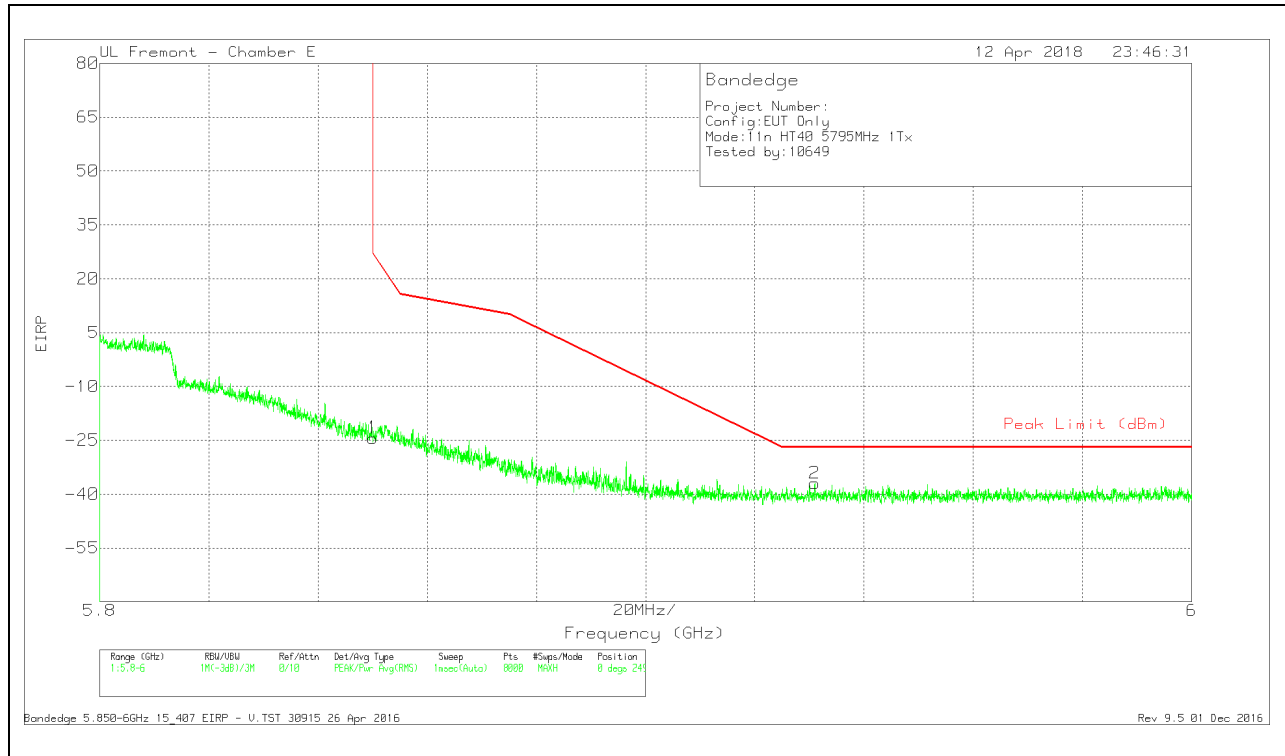
Pk - Peak detector

BANDEGE (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	-45.27	PK	35.2	-19.6	11.8	-17.87	26.98	-44.85	145	102	H
2	5.926	-62.4	PK	35.2	-19.7	11.8	-35.1	-27	-8.1	145	102	H

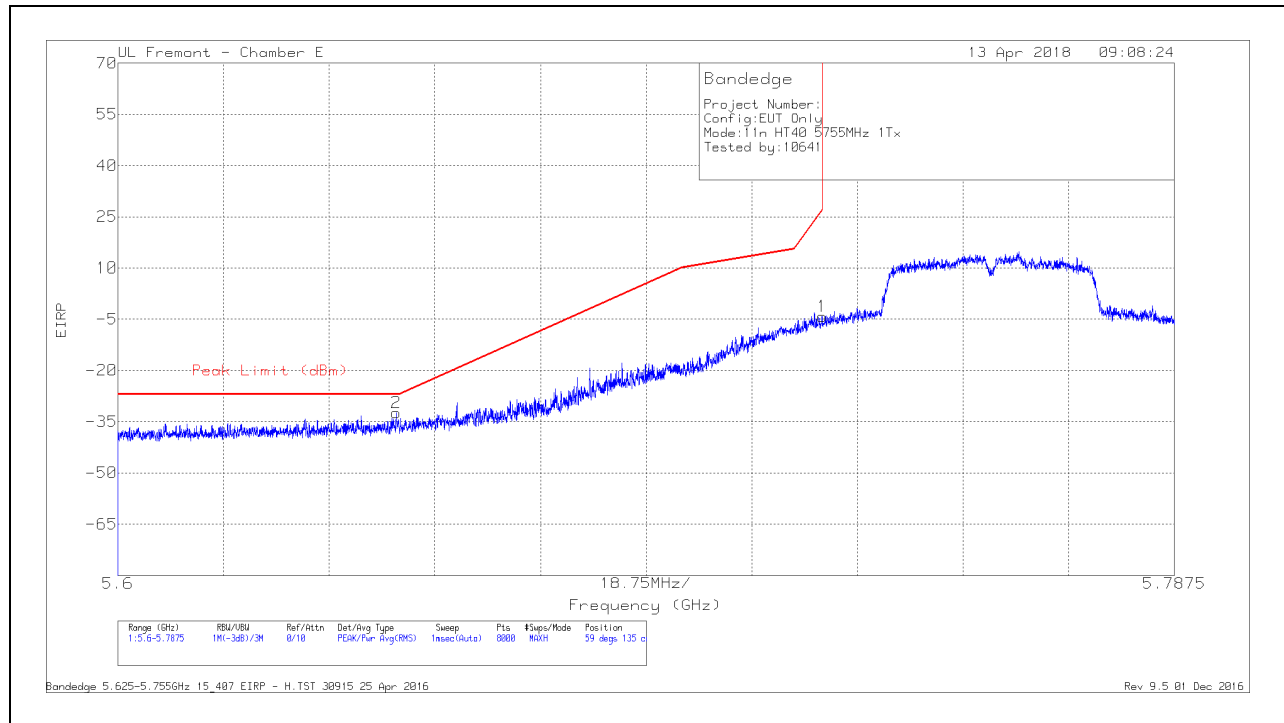
Pk - Peak detector

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	-51.82	Pk	35.2	-19.6	11.8	-24.42	26.99	-51.41	0	249	V
2	5.931	-64.28	Pk	35.2	-19.7	11.8	-36.98	-27	-9.98	0	249	V

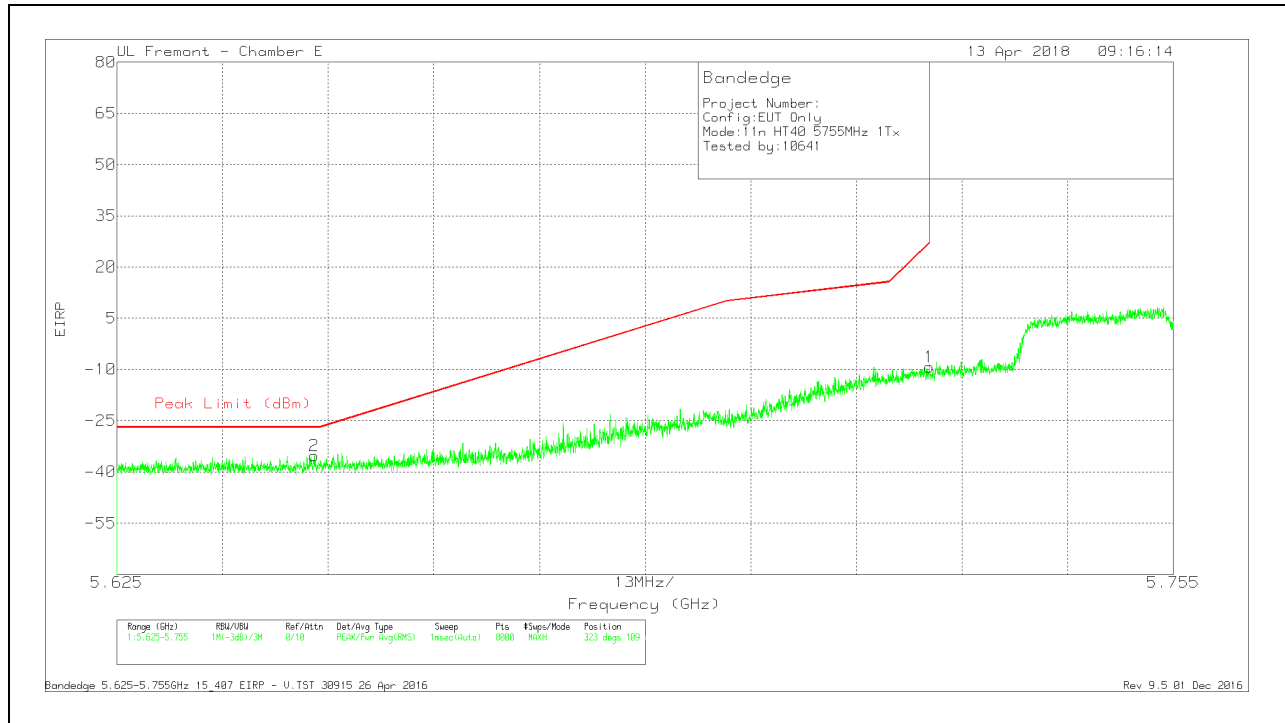
Pk - Peak detector

1TX Antenna 5 MODE**BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-59.72	Pk	35	-19.4	11.8	-32.32	-27	-5.32	59	135	H
1	5.725	-31.66	Pk	35.1	-19.4	11.8	-4.16	26.96	-31.12	59	135	H

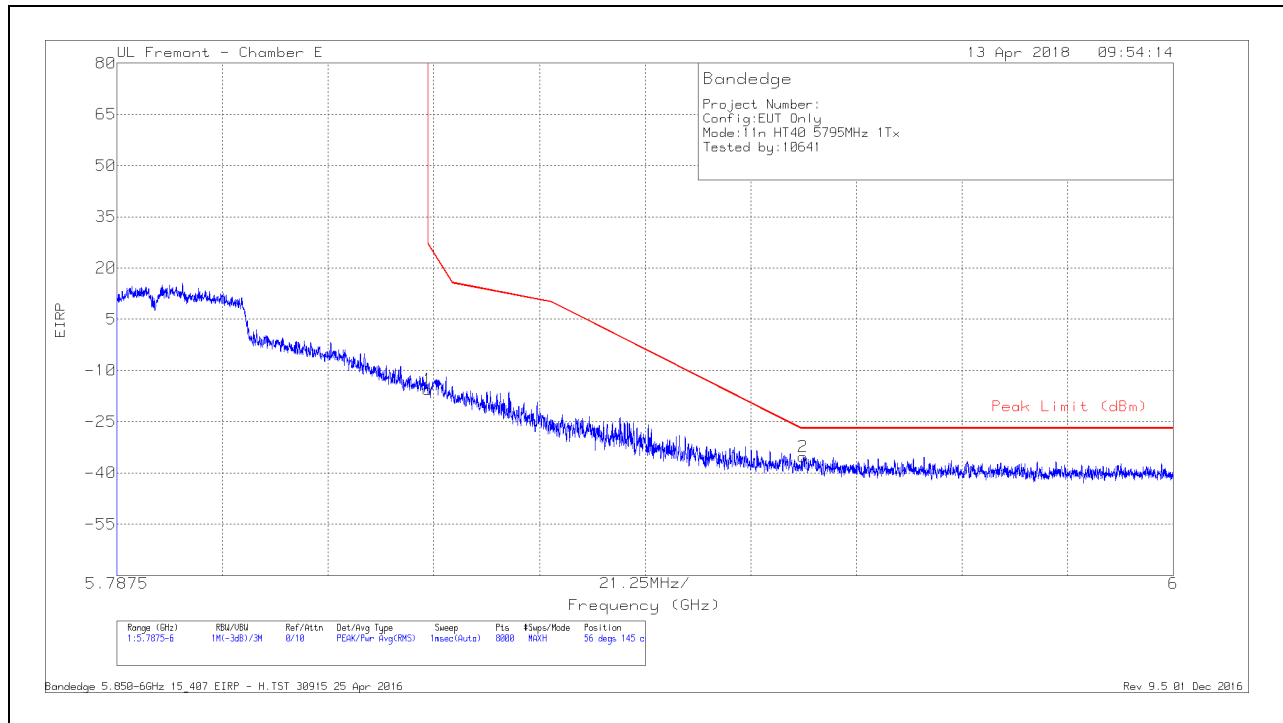
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-62.59	Pk	35	-19.4	11.8	-35.19	-27	-8.19	323	109	V
1	5.725	-36.83	Pk	35.1	-19.4	11.8	-9.33	27	-36.33	323	109	V

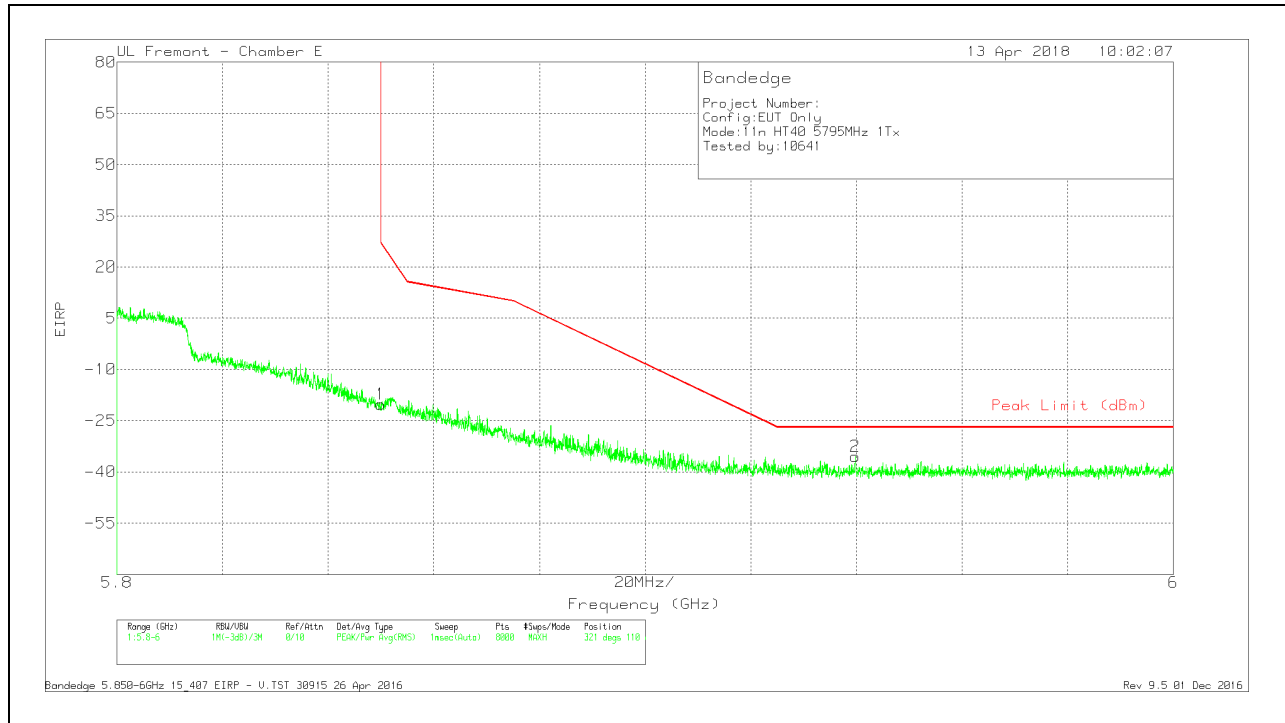
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.02	PK	35.2	-19.6	11.8	-15.62	26.98	-42.6	56	145	H
2	5.926	-62.58	PK	35.2	-19.7	11.8	-35.28	-27	-8.28	56	145	H

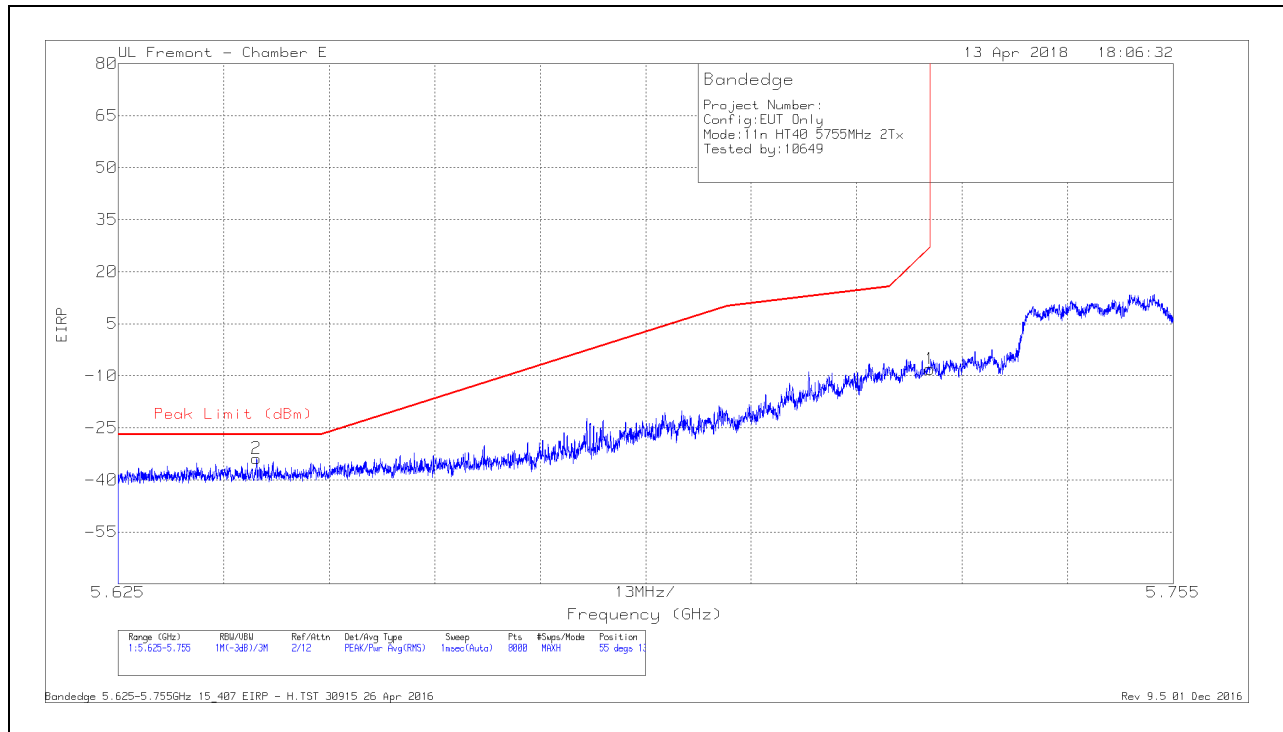
Pk - Peak detector

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	-47.59	Pk	35.2	-19.6	11.8	-20.19	26.99	-47.18	321	110	V
2	5.94	-63	Pk	35.3	-19.6	11.8	-35.5	-27	-8.5	321	110	V

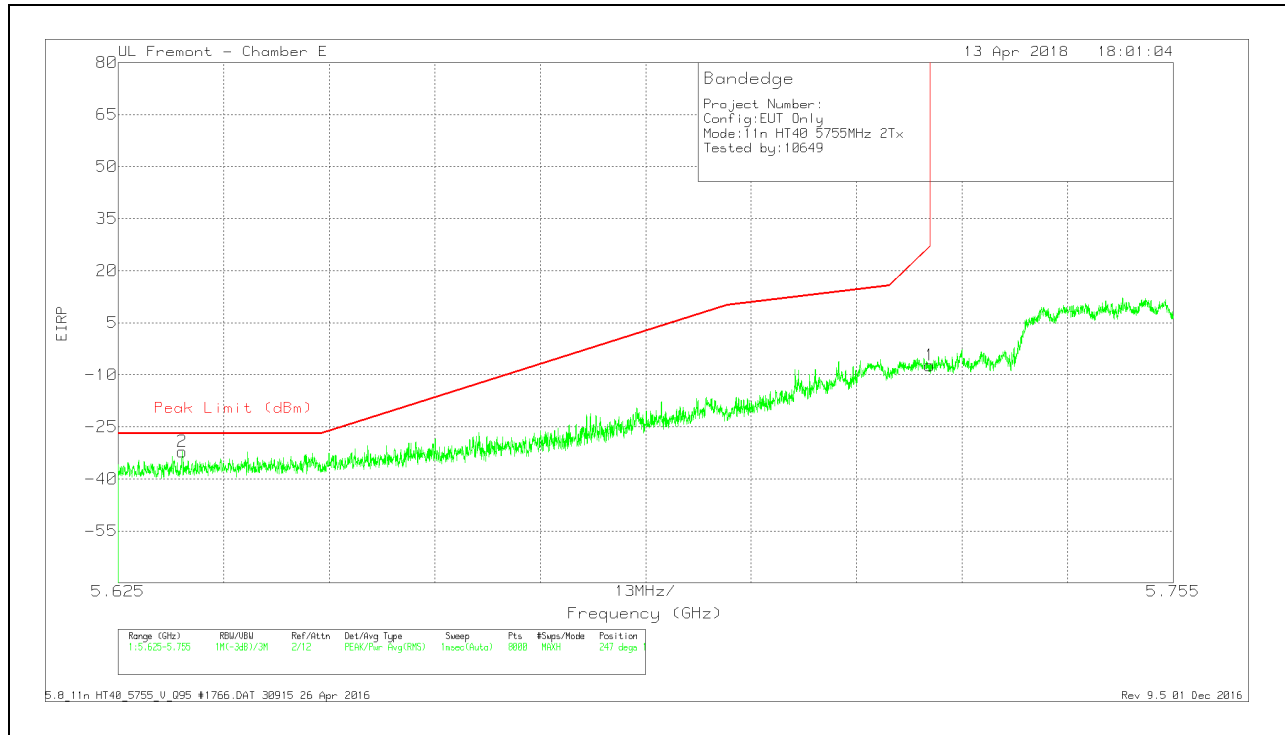
Pk - Peak detector

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/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-61.52	Pk	35	-19.1	11.8	-33.82	-27	-6.82	55	130	H
1	5.725	-35.74	Pk	35.1	-19.2	11.8	-8.04	27	-35.04	55	130	H

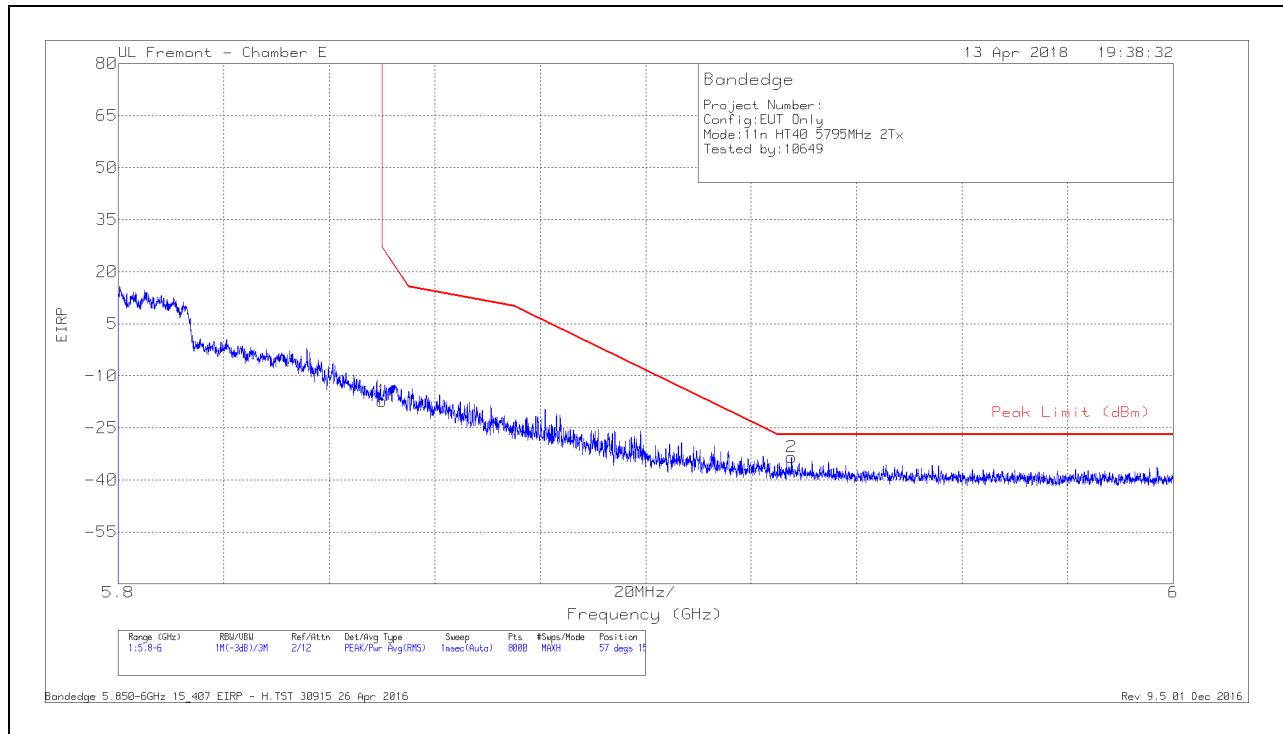
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.633	-59.73	Pk	35	-19.2	11.8	-32.13	-27	-5.13	247	108	V
1	5.725	-35.01	Pk	35.1	-19.2	11.8	-7.31	27	-34.31	247	108	V

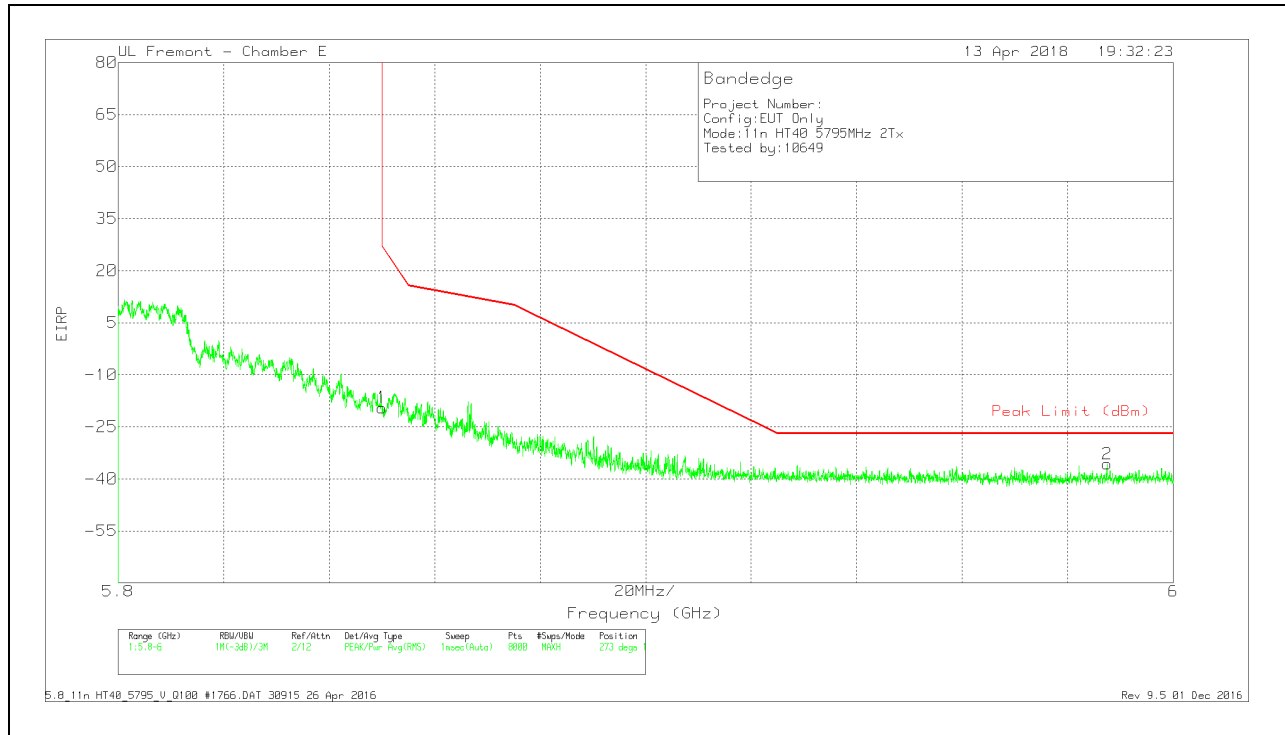
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.28	Pk	35.2	-19	11.8	-17.28	26.99	-44.27	57	152	H
2	5.928	-61.52	Pk	35.2	-18.9	11.8	-33.42	-27	-6.42	57	152	H

Pk - Peak detector

VERTICAL RESULT

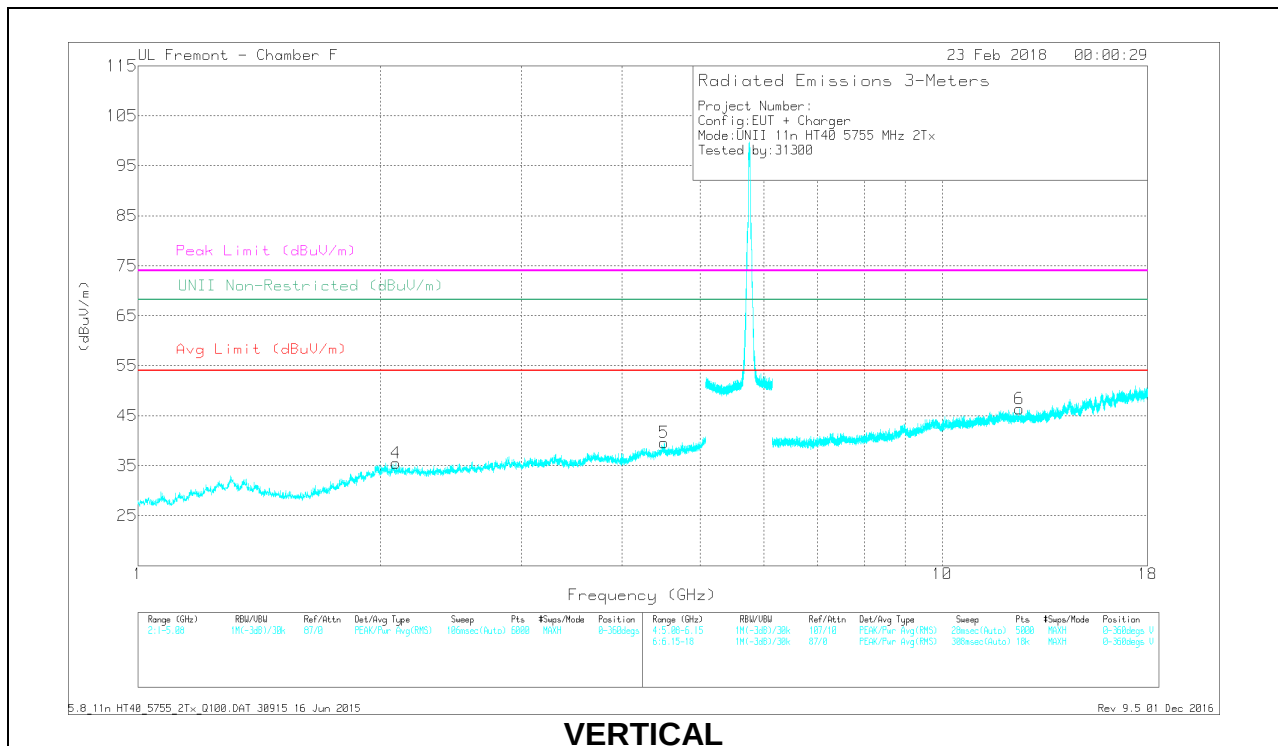
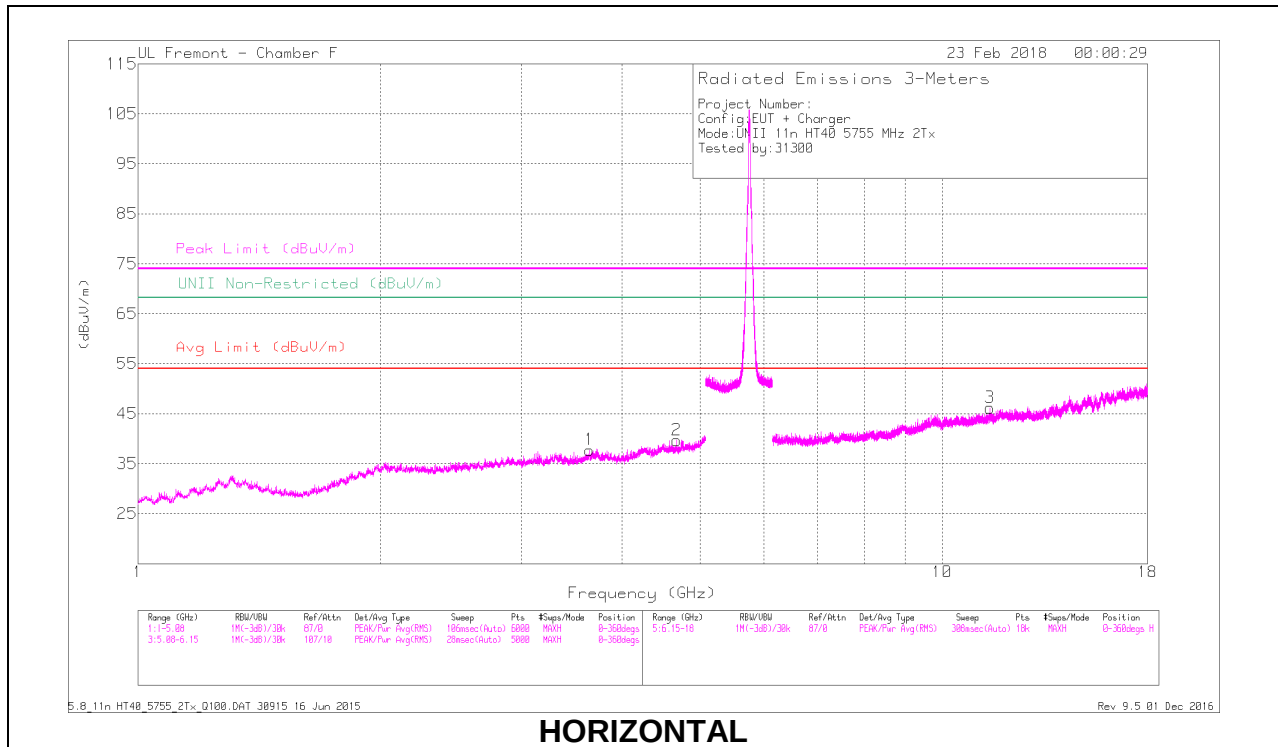


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.51	Pk	35.2	-19	11.8	-19.51	26.99	-46.5	273	101	V
2	5.987	-64.34	Pk	35.4	-18.6	11.8	-35.74	-27	-8.74	273	101	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

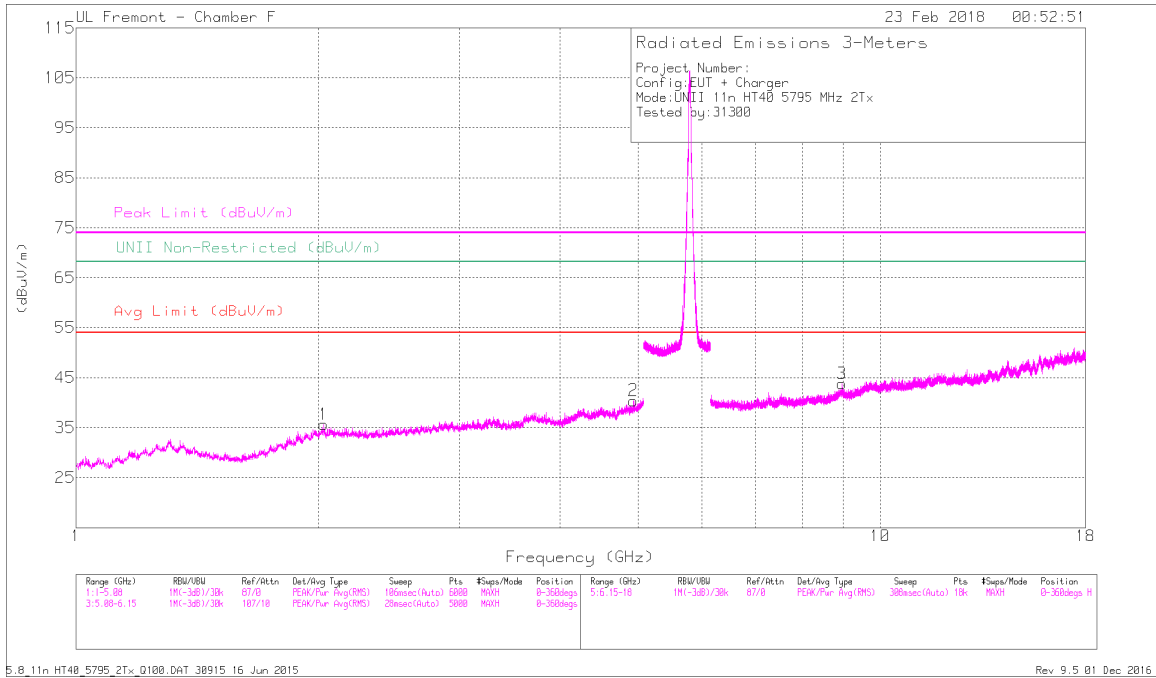
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.643	39.03	PK-U	33.2	-29.1	0	43.13	-	-	74	-30.87	-	-	283	352	H
	* 3.642	27.58	ADR	33.2	-29.1	.09	31.77	54	-22.23	-	-	-	-	283	352	H
2	* 4.678	38.82	PK-U	34.1	-26.8	0	46.12	-	-	74	-27.88	-	-	151	137	H
	* 4.678	26.71	ADR	34.1	-26.8	.09	34.1	54	-19.9	-	-	-	-	151	137	H
4	2.094	39.8	PK-U	32.3	-30.6	0	41.5	-	-	-	-	68.2	-26.7	85	102	V
5	* 4.511	38.17	PK-U	34.1	-26.6	0	45.67	-	-	74	-28.33	-	-	27	267	V
	* 4.513	26.69	ADR	34.1	-26.8	.09	34.08	54	-19.92	-	-	-	-	27	267	V
3	* 11.466	35.52	PK-U	38.4	-21.1	0	52.82	-	-	74	-21.18	-	-	139	241	H
	* 11.467	23.52	ADR	38.4	-21.2	.09	40.81	54	-13.19	-	-	-	-	139	241	H
6	* 12.468	35.6	PK-U	38.8	-22.3	0	52.1	-	-	74	-21.9	-	-	52	240	V
	* 12.467	24.05	ADR	38.8	-22.3	.09	40.64	54	-13.36	-	-	-	-	52	240	V

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

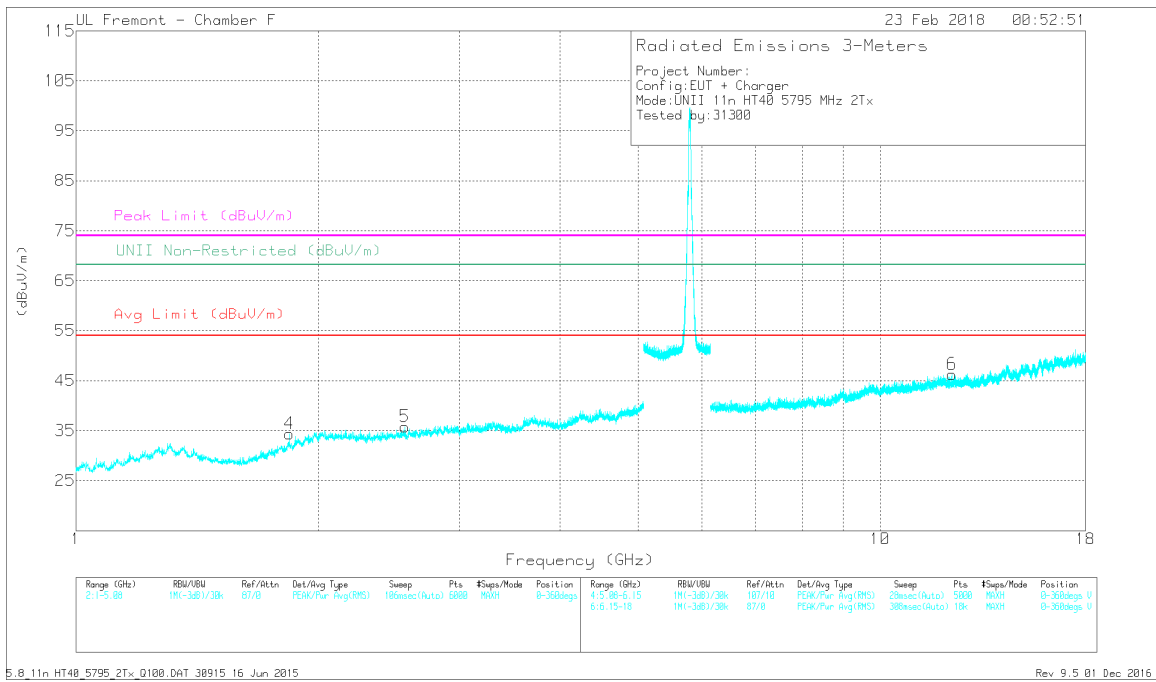
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

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	2.034	40.6	PK-U	32.3	-30.4	0	42.5	-	-	-	-	68.2	-25.7	334	321	H
	2.033	28.45	ADR	32.3	-30.4	.09	30.44	-	-	-	-	-	-	334	321	H
2	* 4.933	38.42	PK-U	34.2	-26.7	0	45.92	-	-	74	-28.08	-	-	202	263	H
	* 4.931	26.48	ADR	34.2	-26.6	.09	34.17	54	-19.83	-	-	-	-	202	263	H
4	1.843	41.12	PK-U	30.4	-30.7	0	40.82	-	-	-	-	68.2	-27.38	129	133	V
5	2.565	39.99	PK-U	32.2	-30	0	42.19	-	-	-	-	68.2	-26.01	14	301	V
3	8.97	35.49	PK-U	36.5	-22.1	0	49.89	-	-	-	-	68.2	-18.31	151	159	H
6	* 12.282	36.19	PK-U	38.8	-22.3	0	52.69	-	-	74	-21.31	-	-	140	292	V
	* 12.278	24.11	ADR	38.8	-22.3	.09	40.7	54	-13.3	-	-	-	-	140	292	V

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

PK-U - U-NII: Maximum Peak

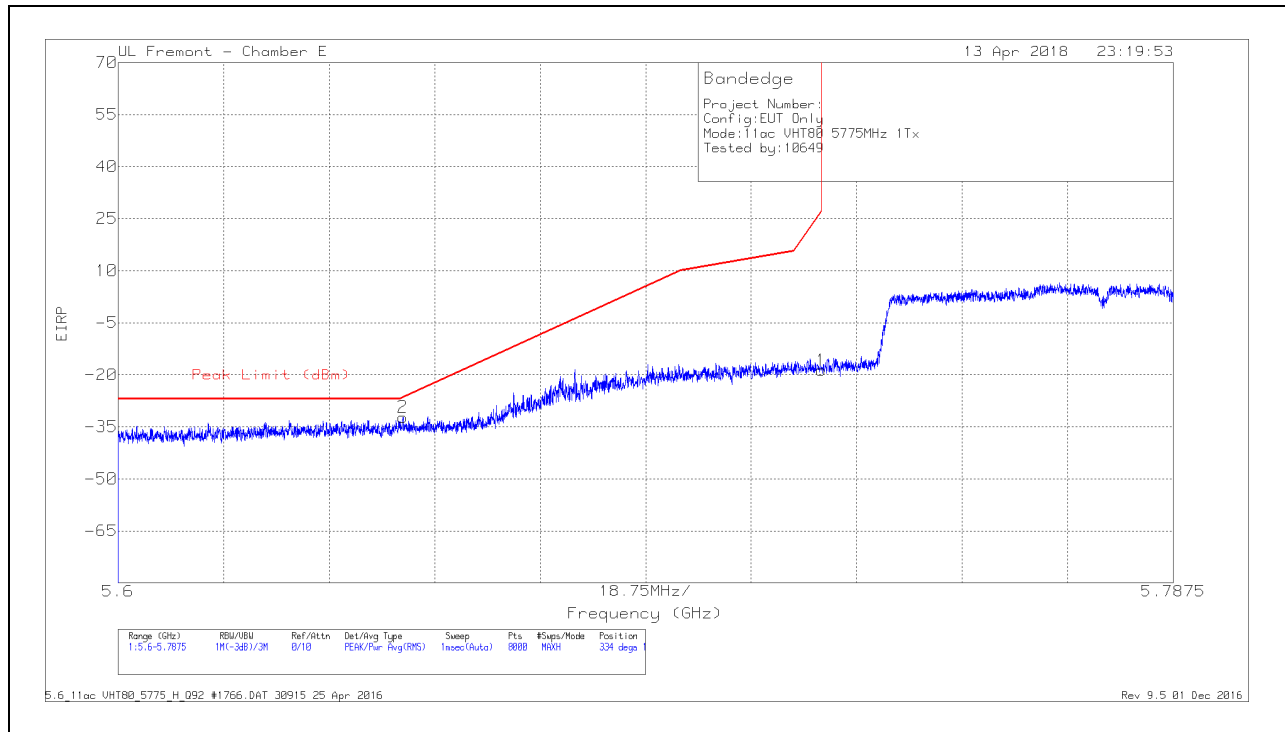
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

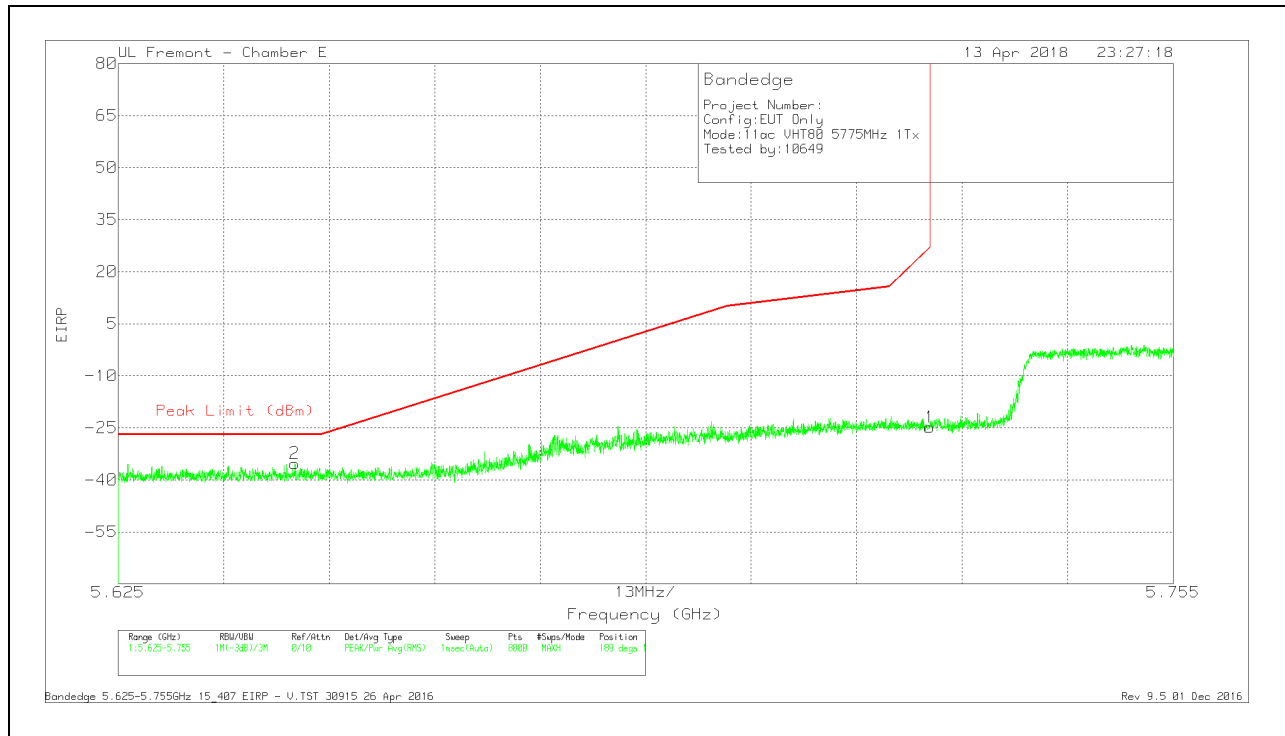
HORIZONTAL RESULT



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	5.651	-59.83	Pk	35.1	-19.3	11.8	-32.23	-26.53	-5.7	334	144	H
1	5.725	-46.17	Pk	35.1	-19.4	11.8	-18.67	26.96	-45.63	334	144	H

Pk - Peak detector

VERTICAL RESULT

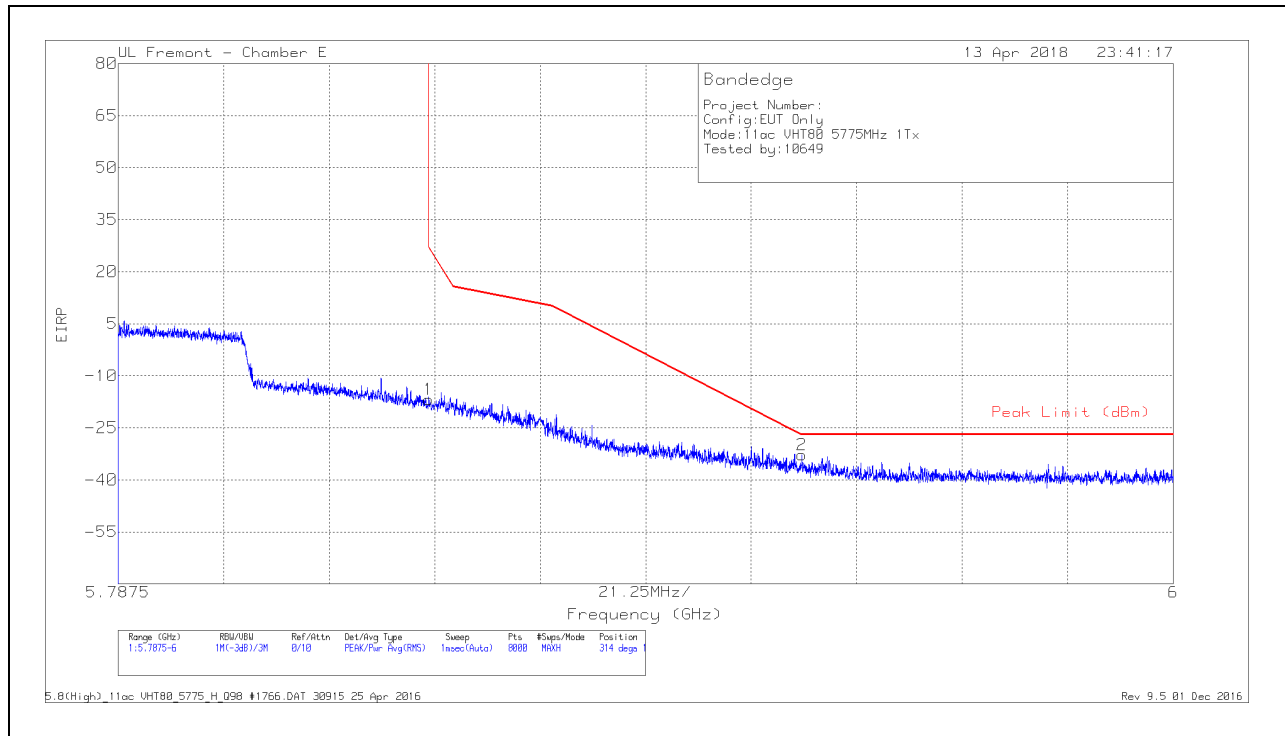


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-62.69	Pk	35	-19.4	11.8	-35.29	-27	-8.29	189	144	V
1	5.725	-52.31	Pk	35.1	-19.4	11.8	-24.81	27	-51.81	189	144	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

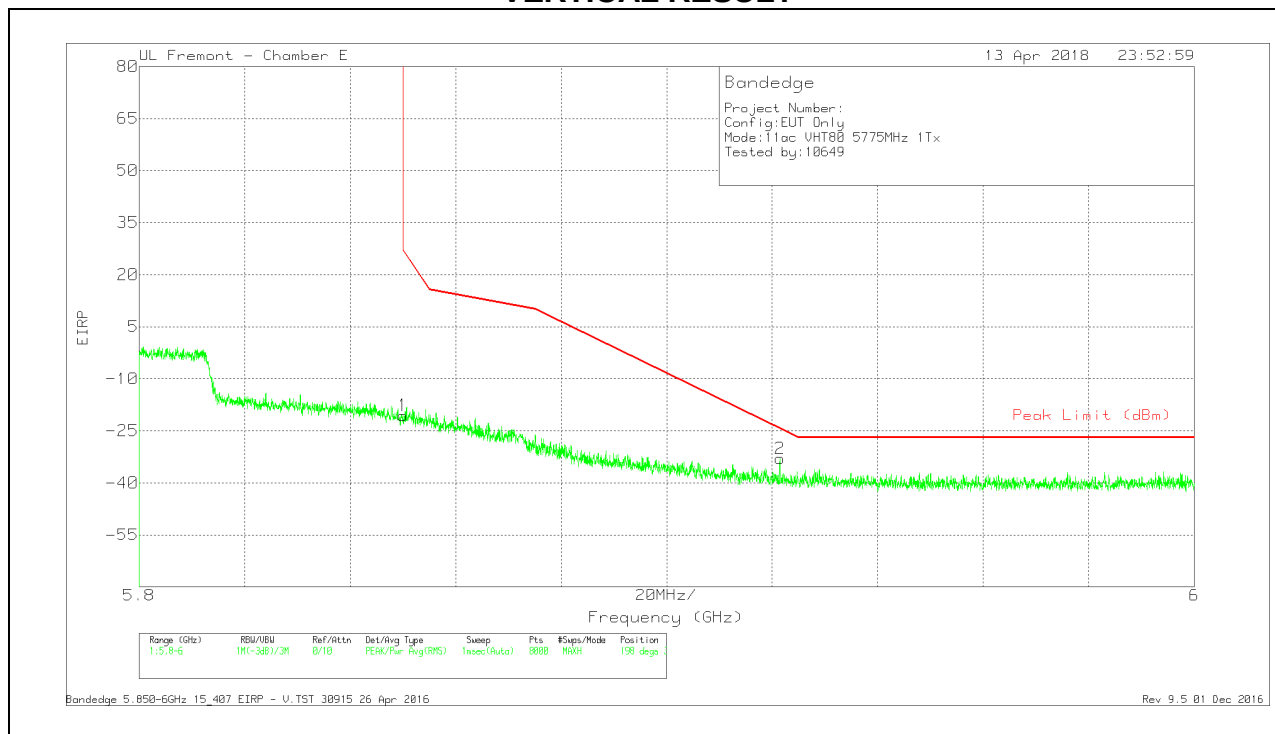
HORIZONTAL RESULT



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	-44.26	Pk	35.2	-19.6	11.8	-16.86	26.98	-43.84	314	129	H
2	5.925	-60.08	Pk	35.2	-19.7	11.8	-32.78	-27	-5.78	314	129	H

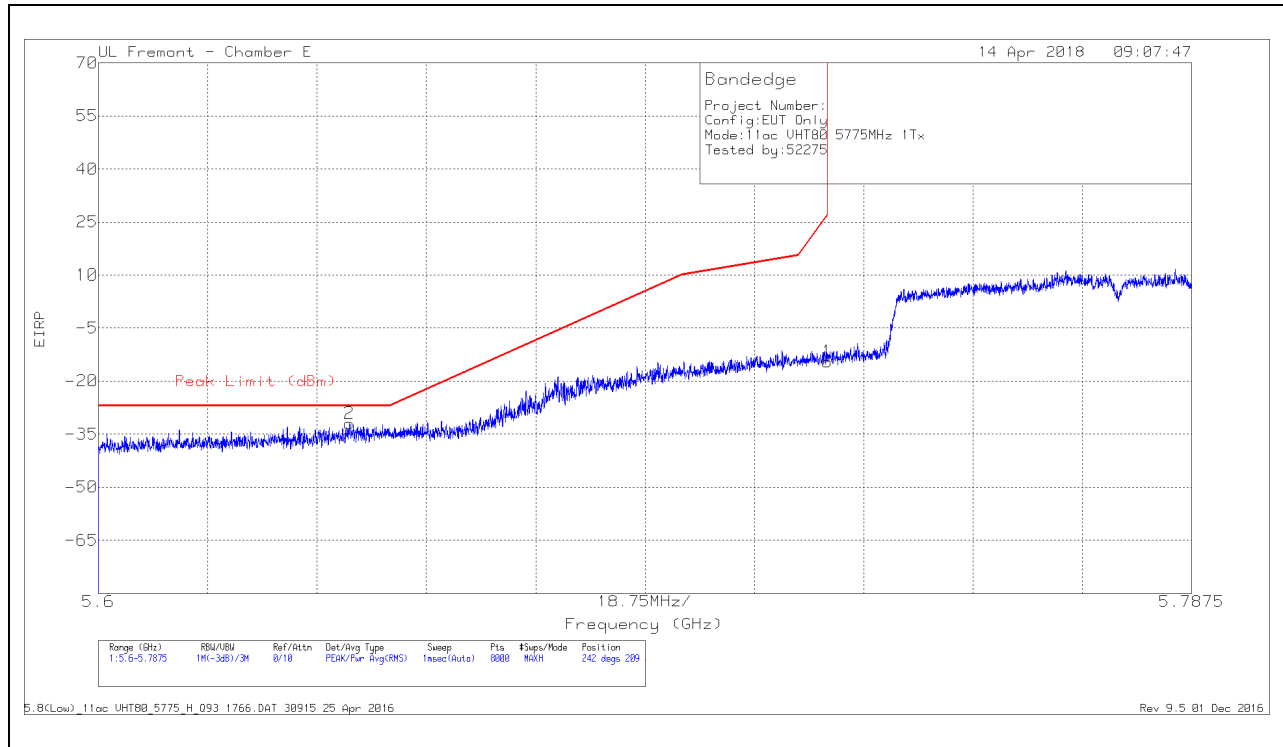
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.99	Pk	35.2	-19.6	11.8	-20.59	26.99	-47.58	198	306	V
2	5.921	-60.27	Pk	35.2	-19.7	11.8	-32.97	-24.38	-8.59	198	306	V

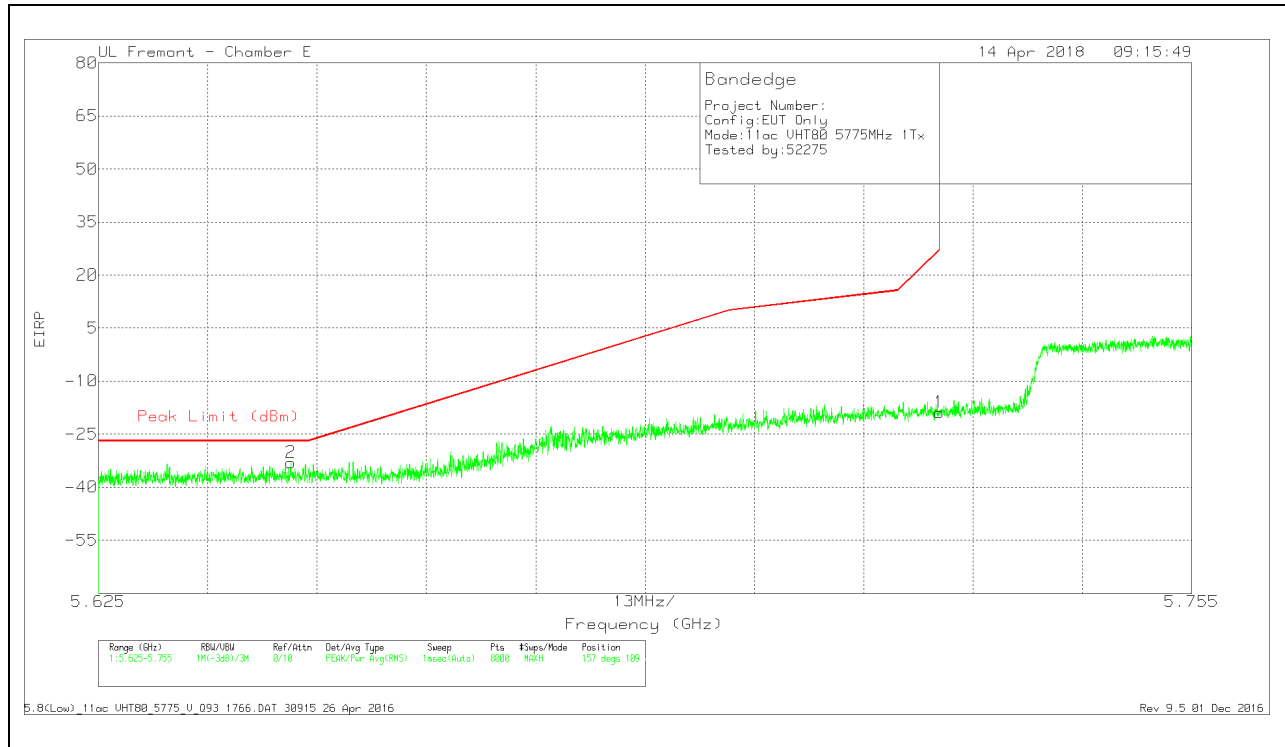
Pk - Peak detector

1TX Antenna 5 MODE**BANDEDGE (CHANNEL 155 LOW EDGE)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-59.42	Pk	35	-19.4	11.8	0	-32.02	-27	-5.02	242	209	H
1	5.725	-42.02	Pk	35.1	-19.4	11.8	0	-14.52	26.96	-41.48	242	209	H

Pk - Peak detector

VERTICAL RESULT

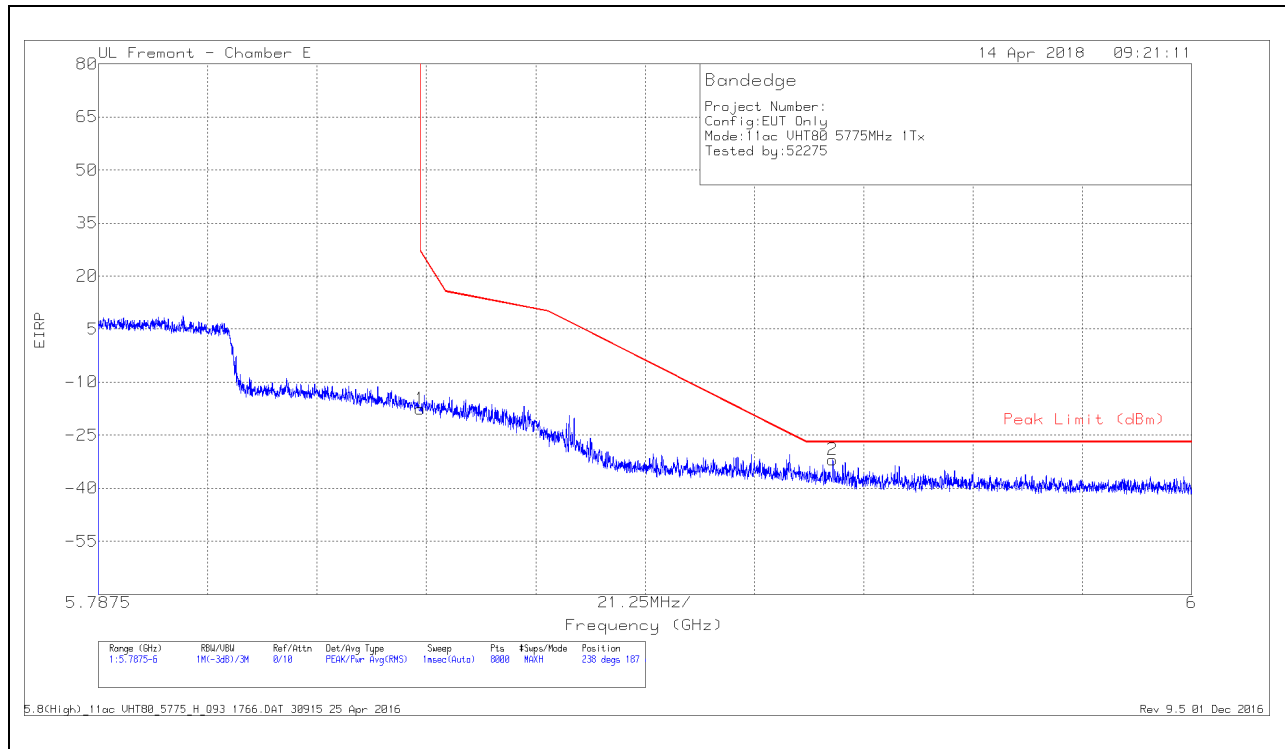


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-60.52	Pk	35	-19.4	11.8	0	-33.12	-27	-6.12	157	109	V
1	5.725	-46.38	Pk	35.1	-19.4	11.8	0	-18.88	27	-45.88	157	109	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

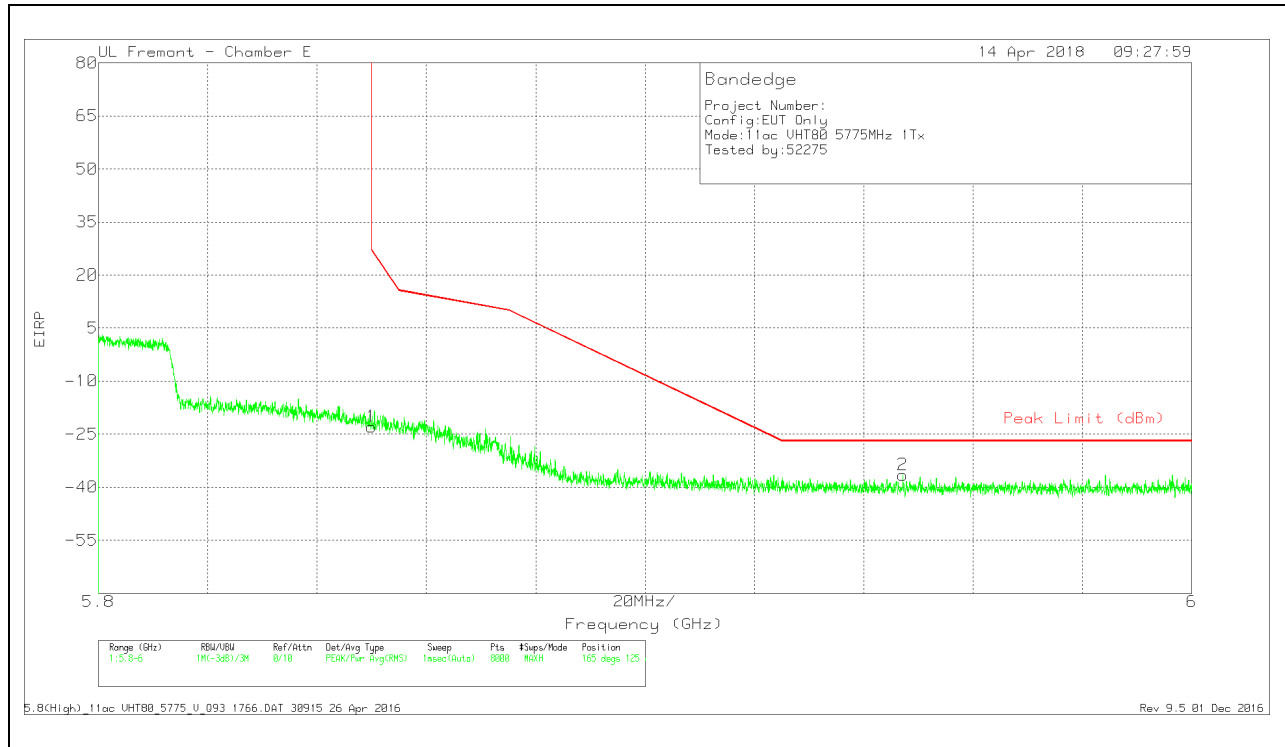
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.06	Pk	35.2	-19.6	11.8	0	-17.66	26.98	-44.64	238	187	H
2	5.93	-59.32	Pk	35.2	-19.7	11.8	0	-32.02	-27	-5.02	238	187	H

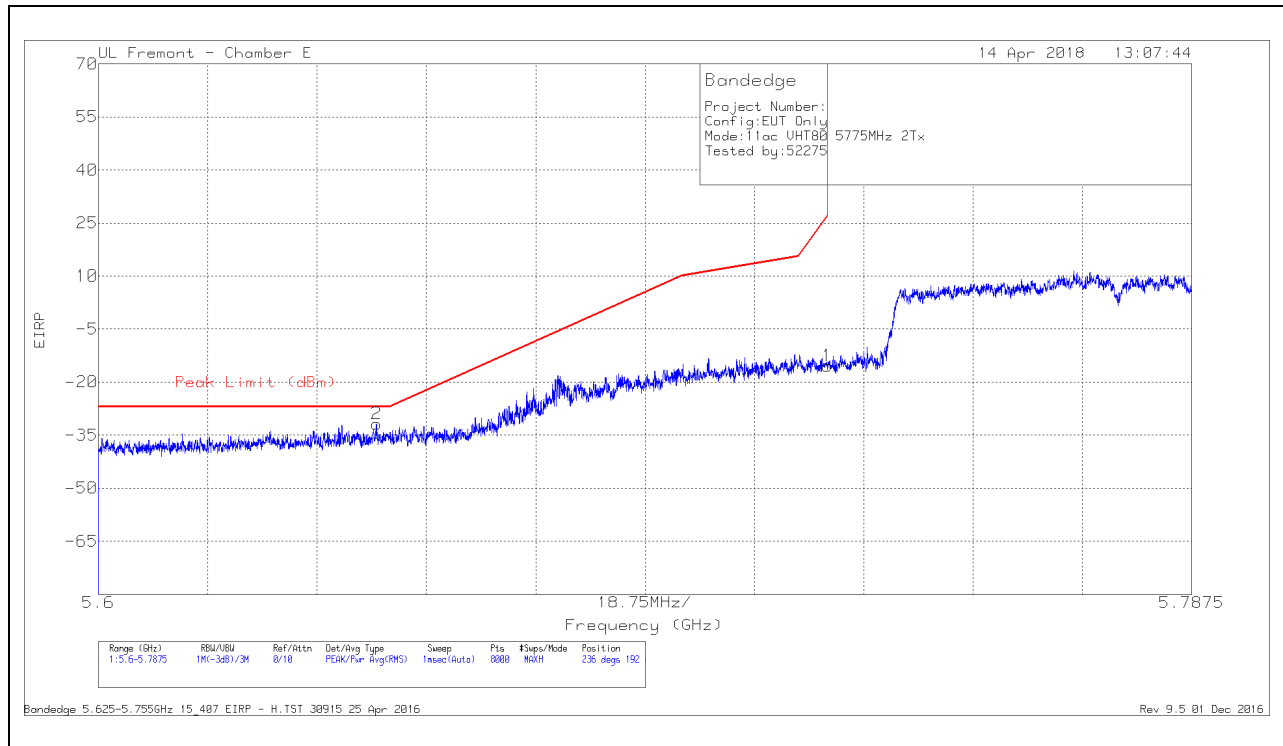
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.34	Pk	35.2	-19.6	11.8	0	-22.94	26.99	-49.93	165	125	V
2	5.947	-64.17	Pk	35.3	-19.5	11.8	0	-36.57	-27	-9.57	165	125	V

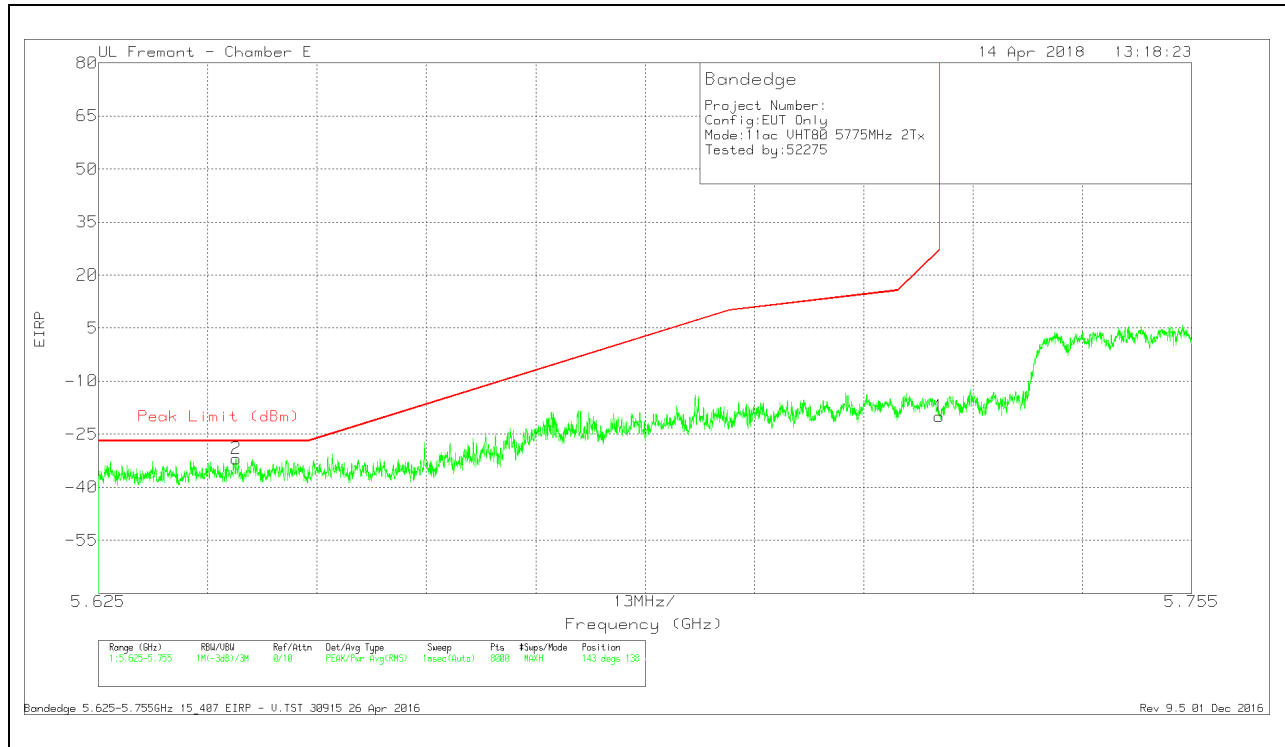
Pk - Peak detector

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/Ftr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-59.3	Pk	35	-19.4	11.8	0	-31.9	-27	-4.9	236	192	H
1	5.725	-42.94	Pk	35.1	-19.4	11.8	0	-15.44	26.96	-42.4	236	192	H

Pk - Peak detector

VERTICAL RESULT

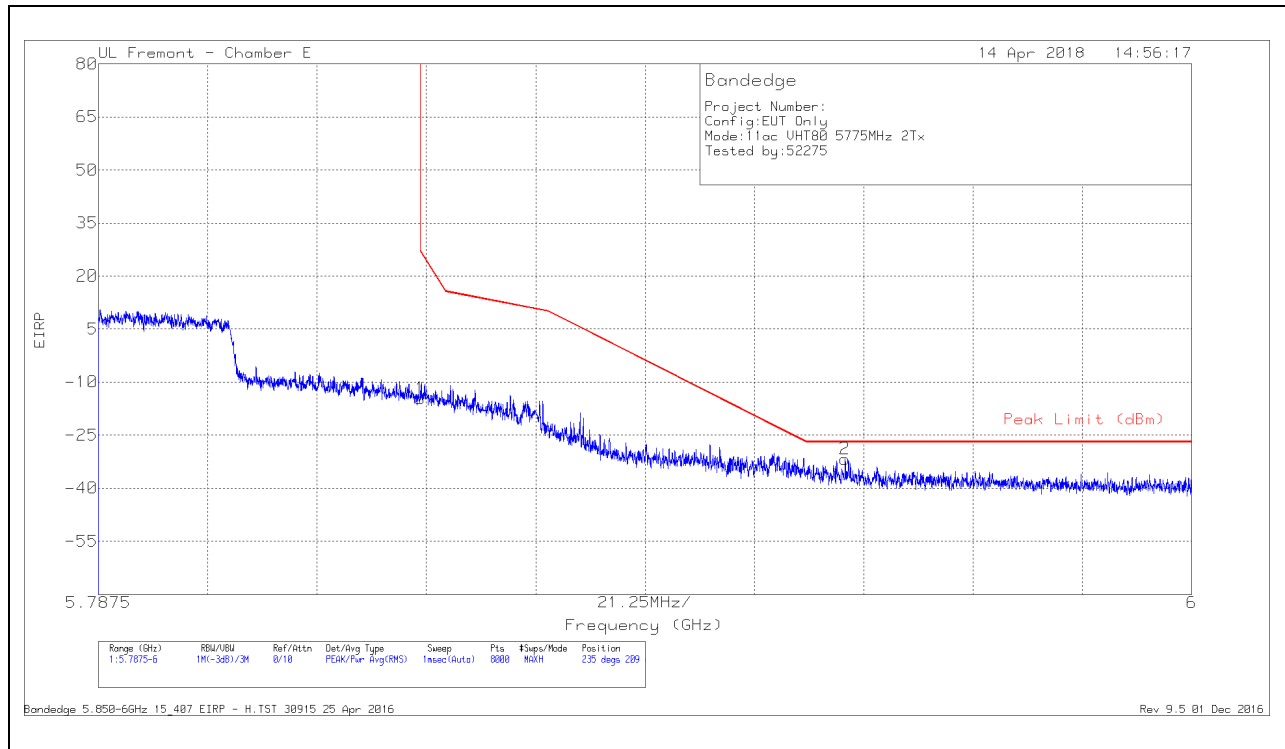


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.641	-59.36	Pk	35	-19.4	11.8	0	-31.96	-27	-4.96	143	138	V
1	5.725	-47.42	Pk	35.1	-19.4	11.8	0	-19.92	27	-46.92	143	138	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

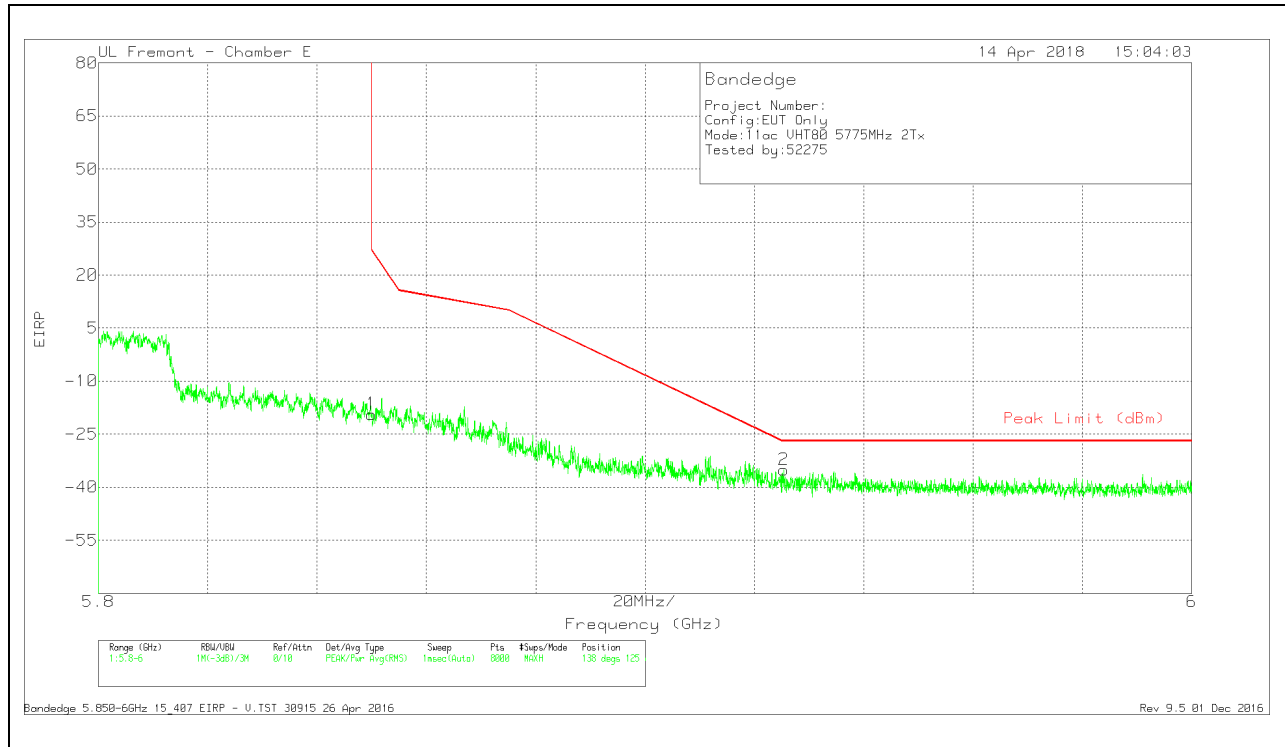
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42	Pk	35.2	-19.6	11.8	0	-14.6	26.98	-41.58	235	209	H
2	5.933	-59.11	Pk	35.2	-19.6	11.8	0	-31.71	-27	-4.71	235	209	H

Pk - Peak detector

VERTICAL RESULT

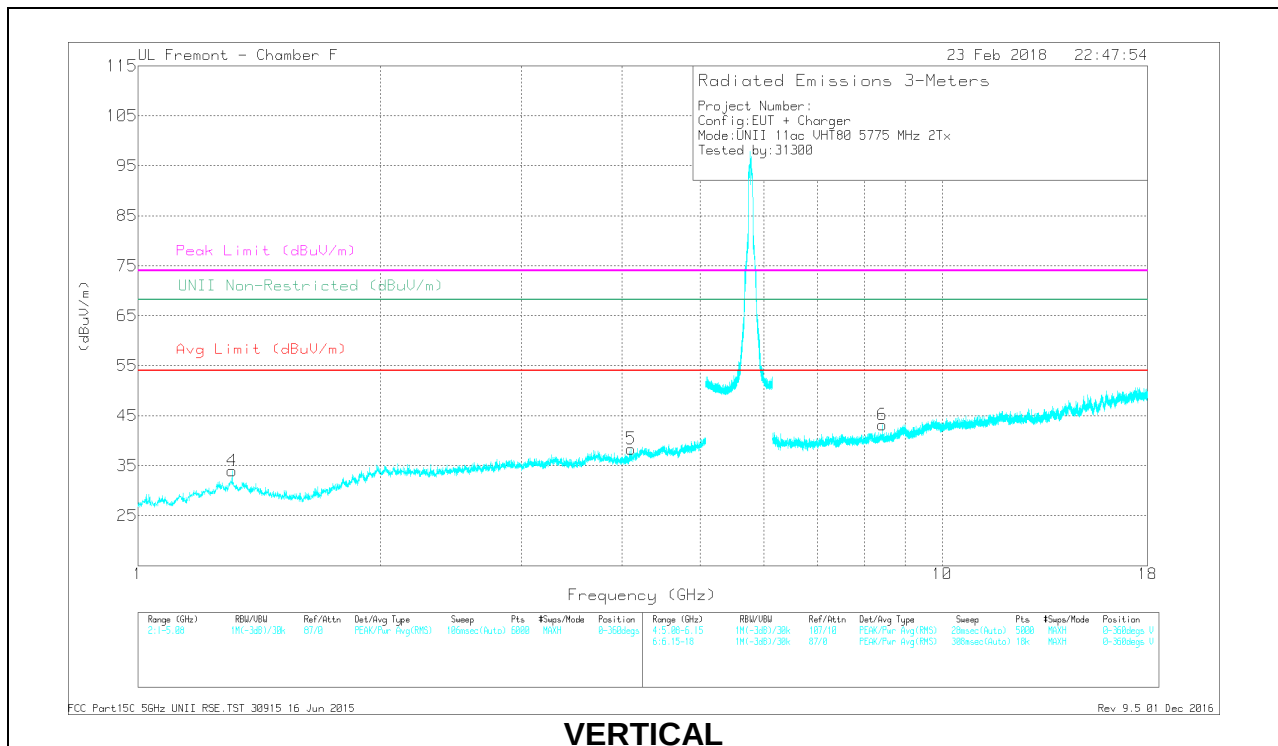
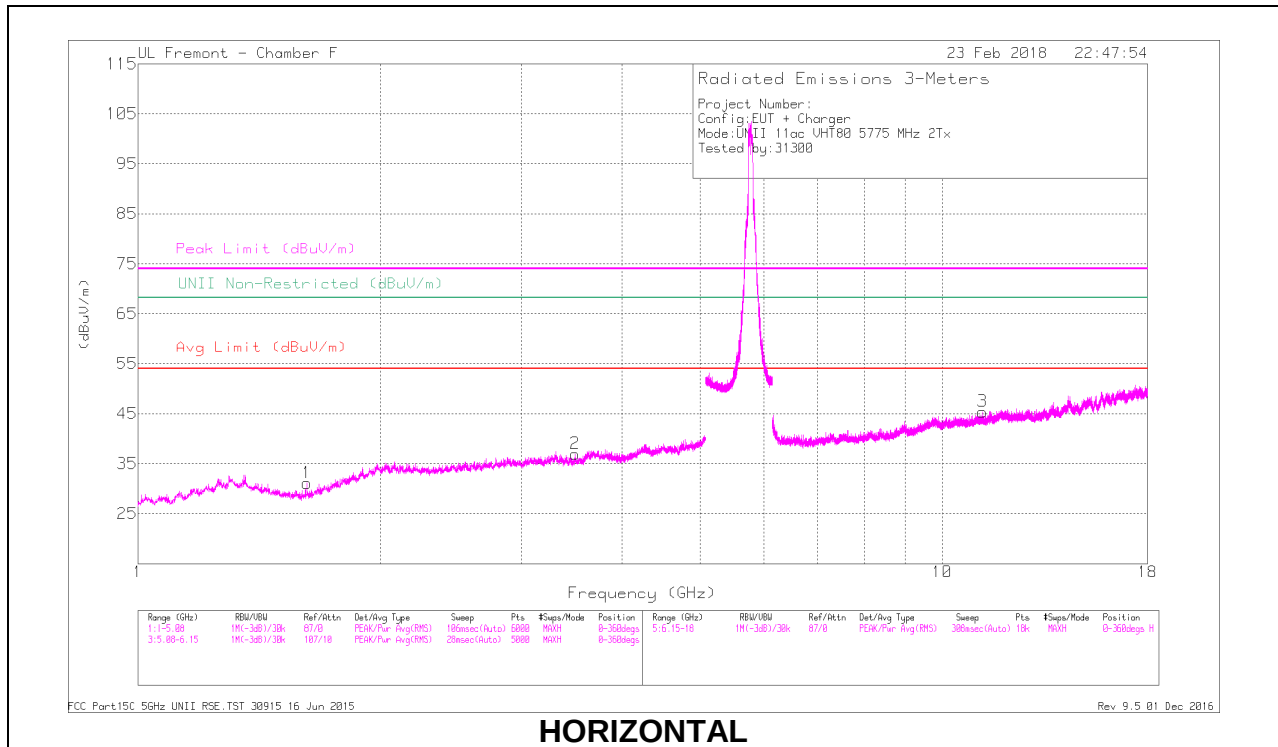


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.74	Pk	35.2	-19.6	11.8	0	-19.34	26.99	-46.33	138	125	V
2	5.925	-62.47	Pk	35.2	-19.7	11.8	0	-35.17	-27	-8.17	138	125	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

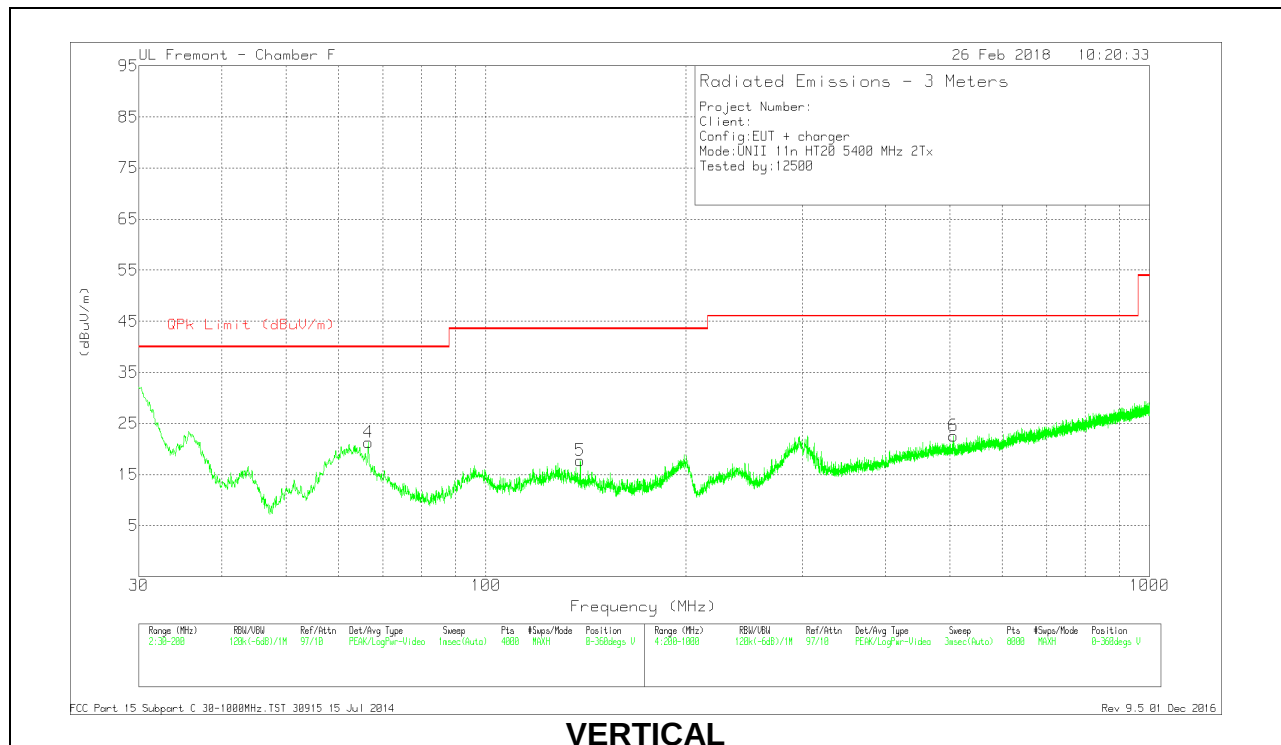
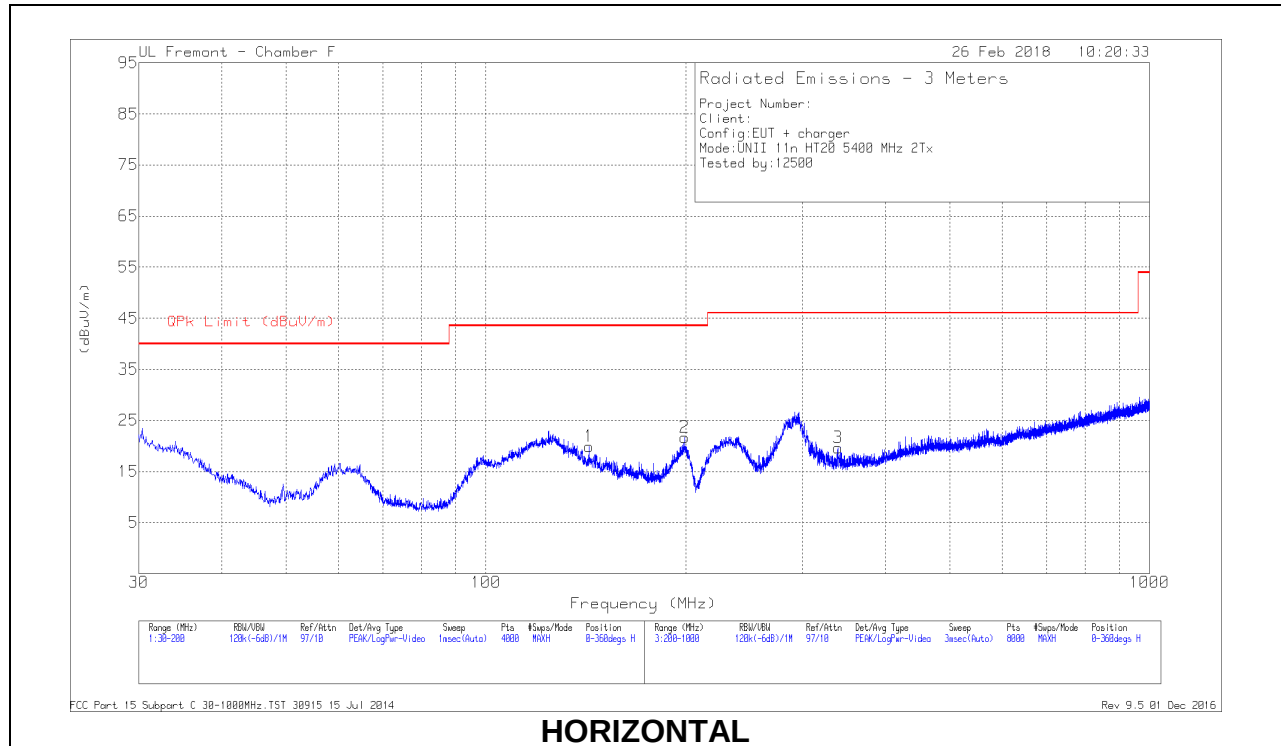
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.623	40.63	PK-U	27.5	-31.2	0	36.93	-	-	74	-37.07	-	-	145	178	H
	* 1.4	28.87	ADR	29.1	-31.4	.2	26.77	54	-27.23	-	-	-	-	145	178	H
2	3.499	40.15	PK-U	33	-29.3	0	43.85	-	-	-	-	68.2	-24.35	15	290	H
	3.496	27.83	ADR	33	-29.3	.2	31.73	-	-	-	-	-	-	15	290	H
4	* 1.308	40.86	PK-U	30	-31.2	0	39.66	-	-	74	-34.34	-	-	256	196	V
	* 1.308	29.12	ADR	30	-31.2	.2	28.12	54	-25.88	-	-	-	-	256	196	V
5	* 4.104	38.6	PK-U	33.4	-28.1	0	43.9	-	-	74	-30.1	-	-	317	314	V
	* 4.104	26.93	ADR	33.4	-28.1	.2	32.43	54	-21.57	-	-	-	-	317	314	V
3	* 11.221	34.9	PK-U	38.1	-21.4	0	51.6	-	-	74	-22.4	-	-	120	301	H
	* 11.219	23.15	ADR	38.1	-21.4	.2	40.05	54	-13.95	-	-	-	-	120	301	H
6	* 8.427	36	PK-U	35.9	-23.5	0	48.4	-	-	74	-25.6	-	-	360	191	V
	* 8.429	24.5	ADR	35.9	-23.6	.2	37	54	-17	-	-	-	-	360	191	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

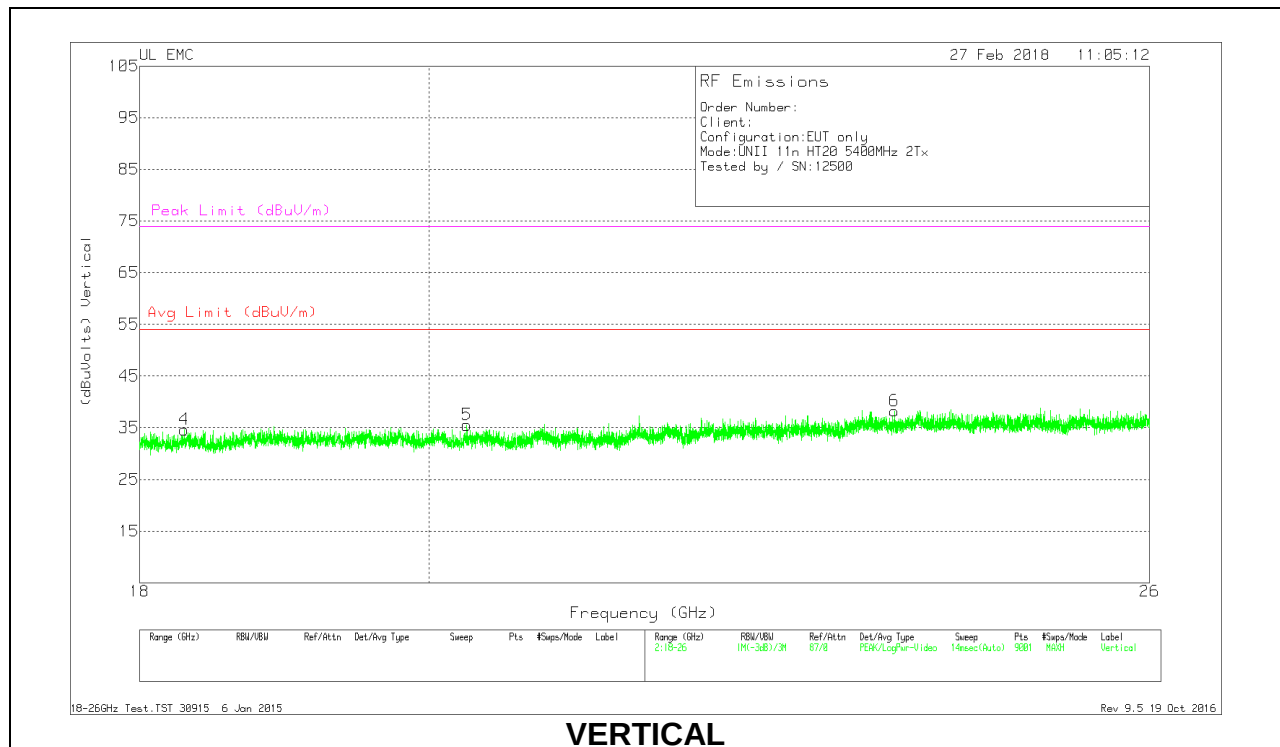
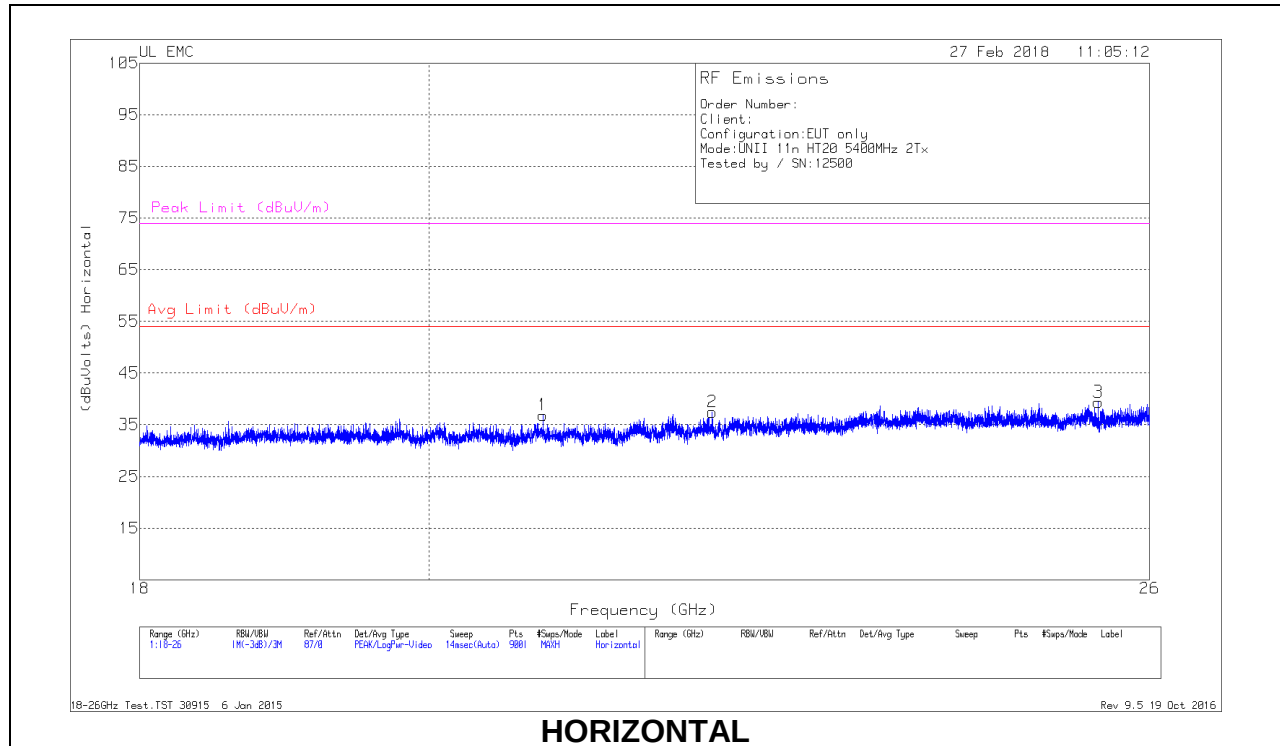
9.2. Worst Case Below 1 GHz



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T408 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	143.1218	34.02	Pk	16.8	-30.9	19.92	43.52	-23.6	0-360	199	H
2	199.2363	35.93	Pk	16.3	-30.6	21.63	43.52	-21.89	0-360	100	H
4	66.5169	40.86	Pk	11.9	-31.5	21.26	40	-18.74	0-360	100	V
5	138.7856	31.61	Pk	17	-30.9	17.71	43.52	-25.81	0-360	100	V
3	339.0181	31.48	Pk	18	-29.8	19.68	46.02	-26.34	0-360	100	H
6	505.9398	30.09	Pk	21.6	-29.1	22.59	46.02	-23.43	0-360	199	V

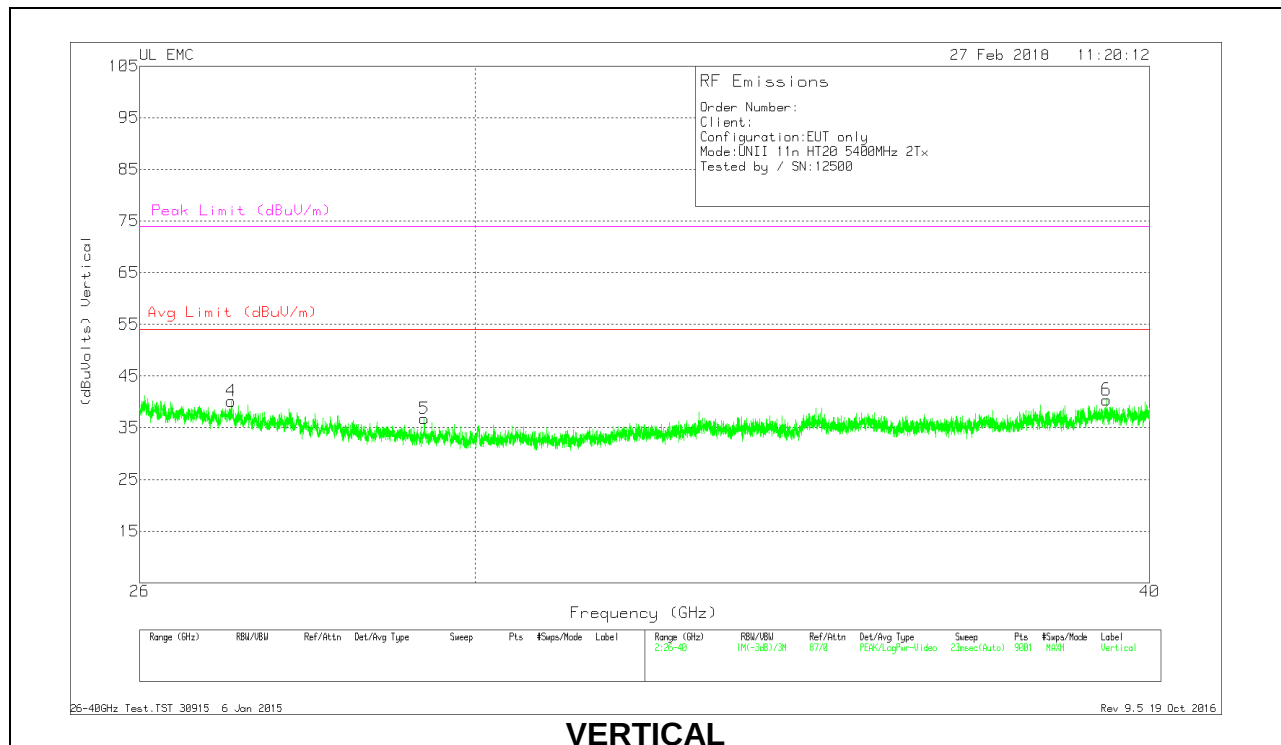
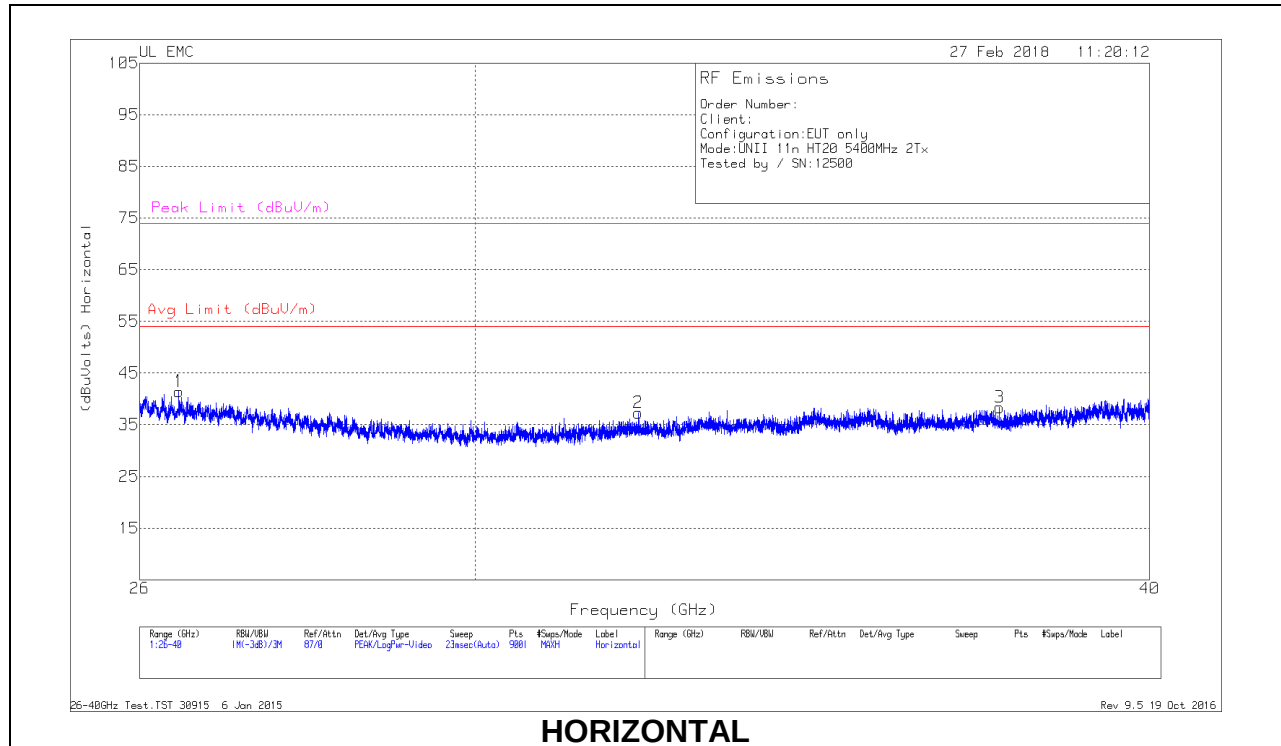
9.3. Worst Case 18-26 GHz



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	20.847	38.62	Pk	33.1	-25.4	-9.5	36.82	54	-17.18	74	-37.18
2	22.172	38.23	Pk	33.5	-24.8	-9.5	37.43	54	-16.57	74	-36.57
3	25.518	39.53	Pk	34.4	-25.1	-9.5	39.33	54	-14.67	74	-34.67
4	18.295	37.14	Pk	32.2	-25.2	-9.5	34.64	54	-19.36	74	-39.36
5	20.277	37.43	Pk	32.8	-25.2	-9.5	35.53	54	-18.47	74	-38.47
6	23.692	38.24	Pk	33.8	-24.3	-9.5	38.24	54	-15.76	74	-35.76

9.4. Worst Case 26-40 GHz



26 – 40GHz DATA

Marker	Frequency (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	26.439	46.21	Pk	35.5	-30.8	-9.5	41.41	54	-12.59	74	-32.59
2	32.163	43.19	Pk	36.4	-32.8	-9.5	37.29	54	-16.71	74	-36.71
3	37.519	43.65	Pk	37.2	-33	-9.5	38.35	54	-15.65	74	-35.65
4	27.036	45.15	Pk	35.5	-31	-9.5	40.15	54	-13.85	74	-33.85
5	29.357	42.67	Pk	35.9	-32.3	-9.5	36.77	54	-17.23	74	-37.23
6	39.27	43.79	Pk	38.5	-32.4	-9.5	40.39	54	-13.61	74	-33.61

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	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.

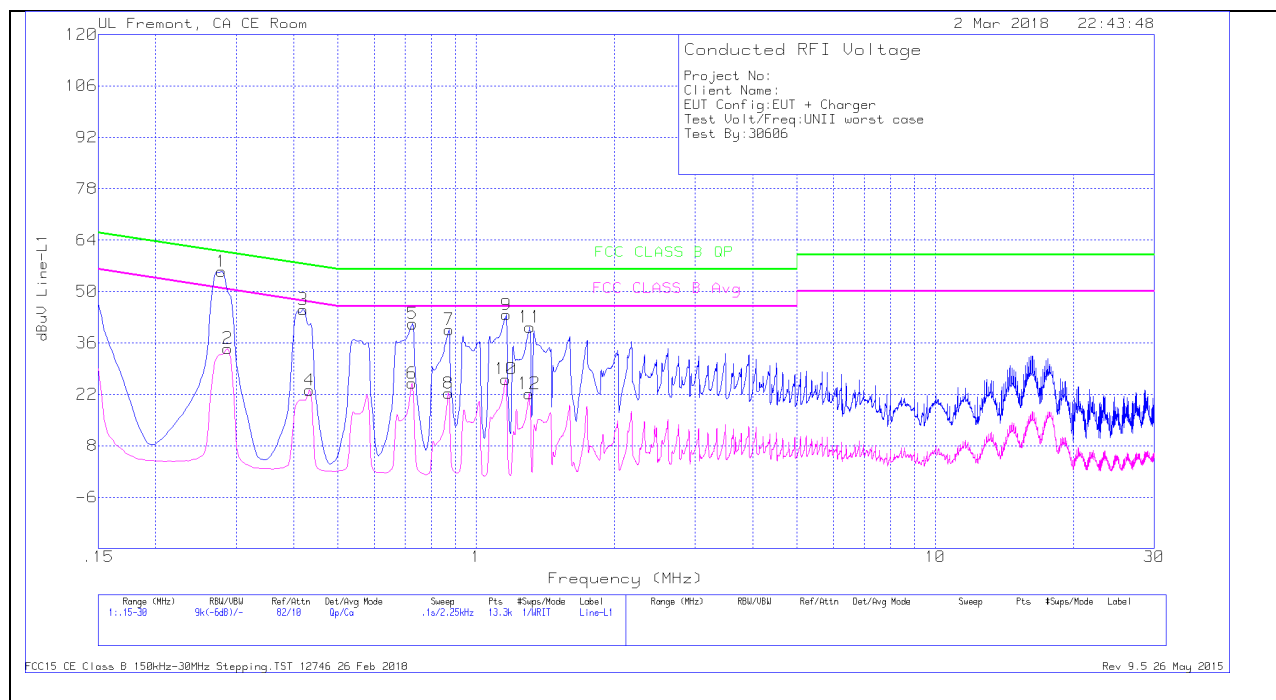
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. EUT POWERED BY AC/DC ADAPTER VIA USB CABLE

LINE 1 RESULTS



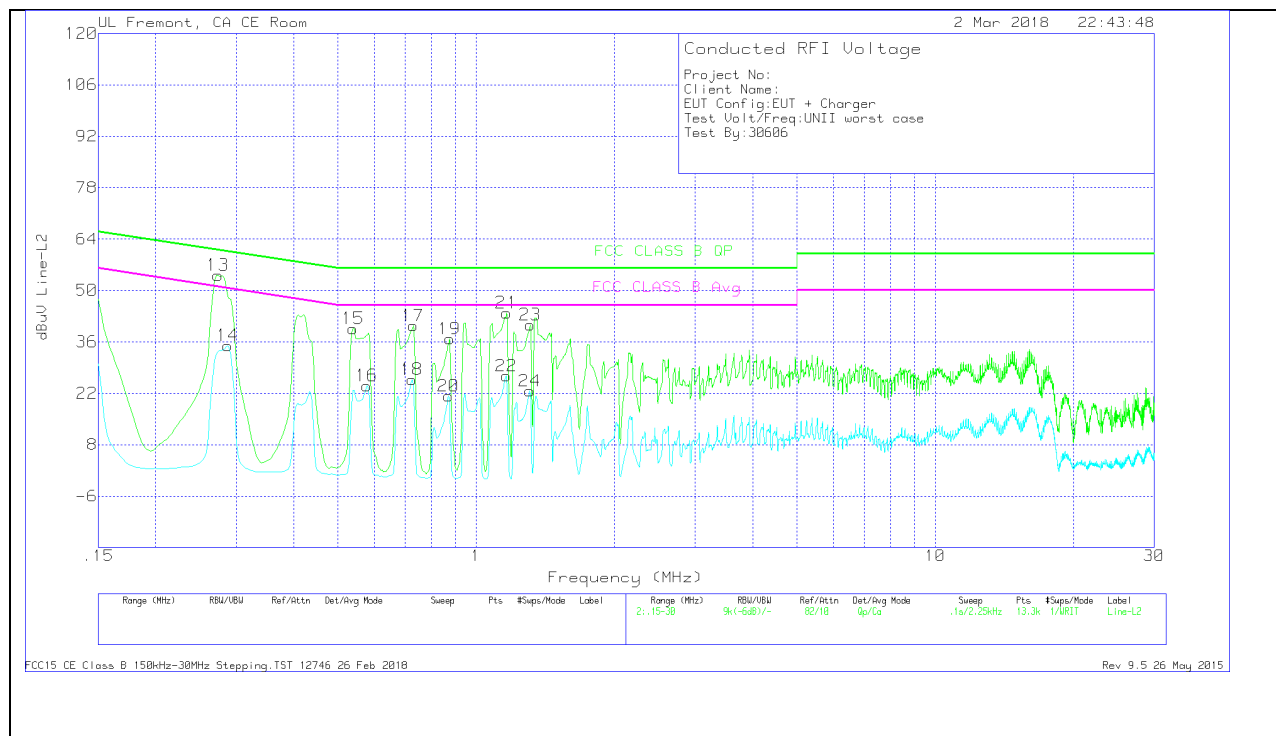
DATA

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	.27825	55.45	Qp	0	0	55.45	60.87	-5.42	-	-
2	.28725	34.47	Ca	0	0	34.47	-	-	50.6	-16.13
3	.42	45.08	Qp	0	0	45.08	57.45	-12.37	-	-
4	.4335	23.1	Ca	0	0	23.1	-	-	47.19	-24.09
5	.726	41.23	Qp	0	0	41.23	56	-14.77	-	-
6	.72375	24.99	Ca	0	0	24.99	-	-	46	-21.01
7	.87225	39.61	Qp	0	0	39.61	56	-16.39	-	-
8	.87	22.27	Ca	0	0	22.27	-	-	46	-23.73
9	1.1625	43.59	Qp	0	.1	43.69	56	-12.31	-	-
10	1.16025	26.04	Ca	0	.1	26.14	-	-	46	-19.86
11	1.30875	40.21	Qp	0	.1	40.31	56	-15.69	-	-
12	1.30425	22.07	Ca	0	.1	22.17	-	-	46	-23.83

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



DATA

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	.27375	54.17	Qp	0	0	54.17	61	-6.83	-	-
14	.28725	34.99	Ca	0	0	34.99	-	-	50.6	-15.61
15	.53925	39.61	Qp	0	0	39.61	56	-16.39	-	-
16	.5775	24.08	Ca	0	0	24.08	-	-	46	-21.92
17	.72825	40.41	Qp	0	0	40.41	56	-15.59	-	-
18	.72375	25.75	Ca	0	0	25.75	-	-	46	-20.25
19	.8745	36.83	Qp	0	0	36.83	56	-19.17	-	-
20	.87	21.28	Ca	0	0	21.28	-	-	46	-24.72
21	1.16475	43.82	Qp	0	.1	43.92	56	-12.08	-	-
22	1.1625	26.62	Ca	0	.1	26.72	-	-	46	-19.28
23	1.311	40.53	Qp	0	.1	40.63	56	-15.37	-	-
24	1.30875	22.52	Ca	0	.1	22.62	-	-	46	-23.38

Qp - Quasi-Peak detector

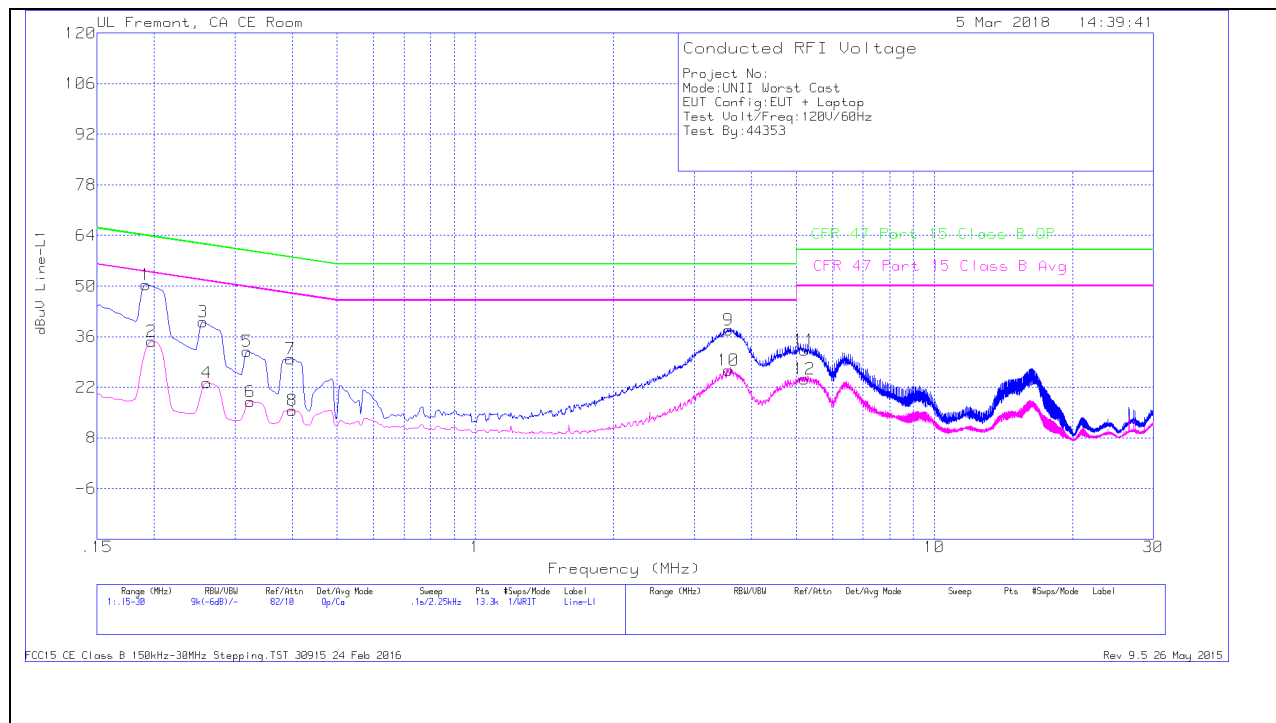
Ca - CISPR average detection

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10.1.2. EUT POWERED BY HOST PC VIA USB CABLE

LINE 1 RESULTS



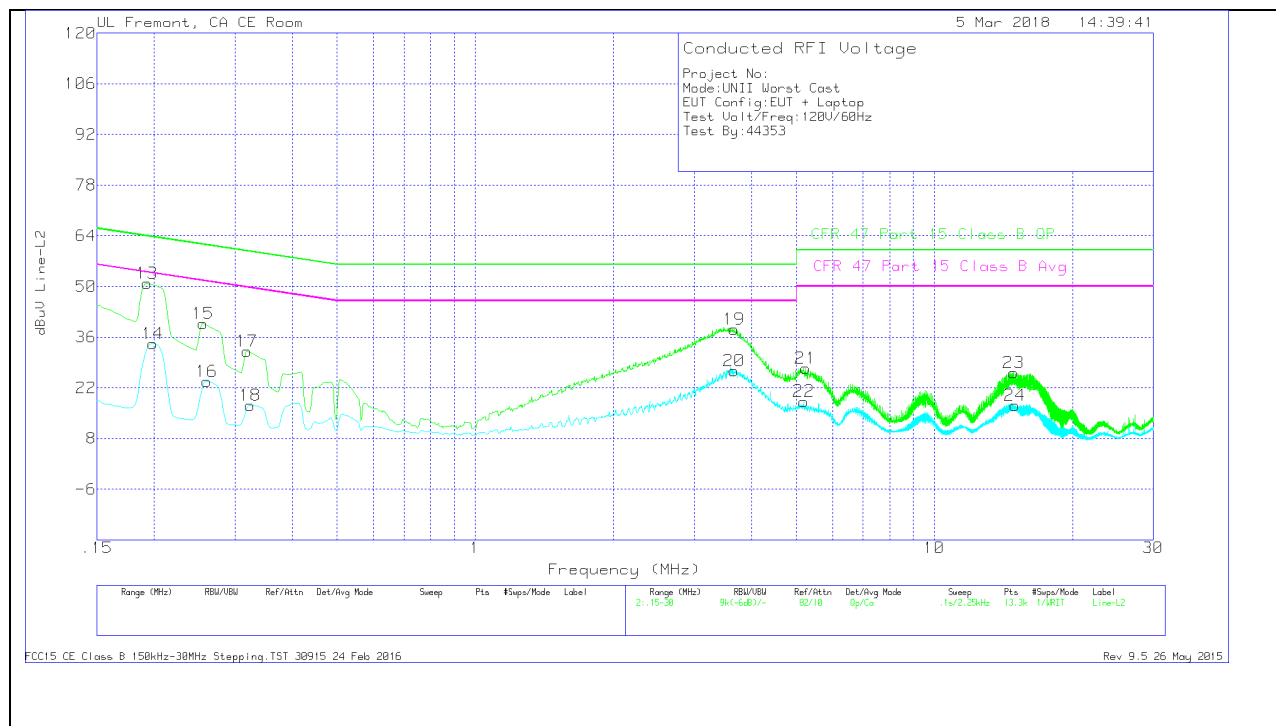
DATA

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	.19163	40.17	Qp	0	0	10.1	50.27	63.97	-13.7	-	-
2	.19725	24.6	Ca	0	0	10.1	34.7	-	-	53.73	-19.03
3	.25575	29.96	Qp	0	0	10.1	40.06	61.57	-21.51	-	-
4	.26025	13.08	Ca	0	0	10.1	23.18	-	-	51.42	-28.24
5	.31875	21.87	Qp	0	0	10.1	31.97	59.74	-27.77	-	-
6	.32325	7.97	Ca	0	0	10.1	18.07	-	-	49.62	-31.55
7	.39525	19.67	Qp	0	0	10.1	29.77	57.95	-28.18	-	-
8	.39975	5.55	Ca	0	0	10.1	15.65	-	-	47.86	-32.21
9	3.5655	27.69	Qp	0	.1	10.1	37.89	56	-18.11	-	-
10	3.5655	16.47	Ca	0	.1	10.1	26.67	-	-	46	-19.33
11	5.21925	22.09	Qp	0	.1	10.1	32.29	60	-27.71	-	-
12	5.2215	14.15	Ca	0	.1	10.1	24.35	-	-	50	-25.65

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



DATA

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	.19275	40.8	Qp	0	0	10.1	50.9	63.92	-13.02	-	-
14	.19838	24.07	Ca	0	0	10.1	34.17	-	-	53.68	-19.51
15	.25575	29.68	Qp	0	0	10.1	39.78	61.57	-21.79	-	-
16	.26025	13.72	Ca	0	0	10.1	23.82	-	-	51.42	-27.6
17	.31875	22	Qp	0	0	10.1	32.1	59.74	-27.64	-	-
18	.32325	7.11	Ca	0	0	10.1	17.21	-	-	49.62	-32.41
19	3.6645	28.01	Qp	0	.1	10.1	38.21	56	-17.79	-	-
20	3.6645	16.49	Ca	0	.1	10.1	26.69	-	-	46	-19.31
21	5.244	17.22	Qp	0	.1	10.1	27.42	60	-32.58	-	-
22	5.199	8.07	Ca	0	.1	10.1	18.27	-	-	50	-31.73
23	14.9055	15.61	Qp	.1	.3	10.2	26.21	60	-33.79	-	-
24	14.97075	6.6	Ca	.1	.3	10.2	17.2	-	-	50	-32.8

Qp - Quasi-Peak detector

Ca - CISPR average detection

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END OF REPORT

11. SETUP PHOTOS

Please refer to 12124121-EP1V1 for setup photos