

UL Fremont - Chamber D

22 May 2018 09:45:10

Restricted Bandedge

Project Number:
Config: EUT Only
Made: 11ac UHT80 5210 MHz 2Tx
Tested by: 12501

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

dBuV/m Vertical

20MHz/

Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	PLs	#Sups/Mode	Position	Range (GHz)	RBW/VBW	Ref/Attn	Det/Avg Type	Sweep	PLs	#Sups/Mode	Position
1:5-5.2	1M-3dB/3M	107/10	PEAK/Pwr Avg(RMS)	1usec(Auto)	0000	160H	27 degs 243 c	1:5-5.2	1M-3dB/3M	107/10	WERR/Pwr Avg(RMS)	1usec(Auto)	0000	160H	27 degs 243 c

BandEdge 5-5.2GHz UNII Method A - U-TST 30915 16 Jun 2015

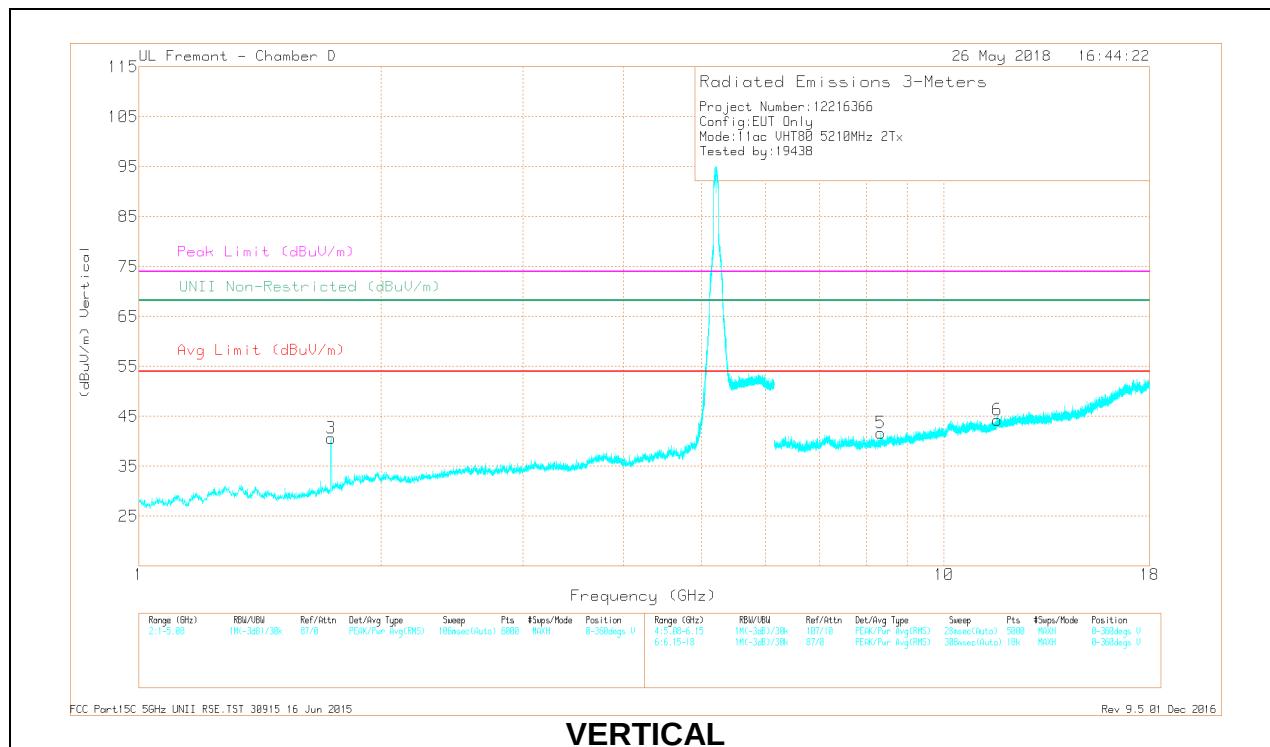
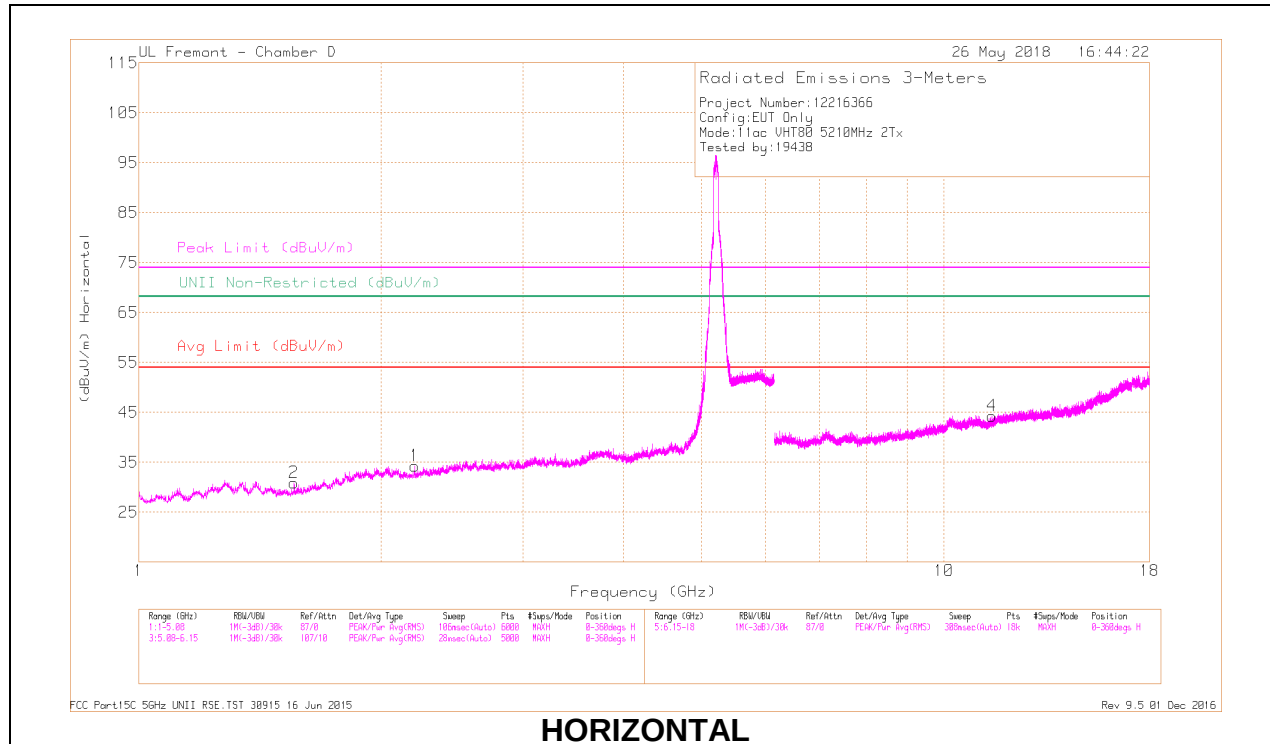
Rev 9.5 01 Dec 2016

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d y Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.139	32.5	RMS	34.6	-18	.19	49.29	54	-4.71	-	-	27	243	V
2	* 5.14	42.11	Pk	34.6	-18	0	58.71	-	-	74	-15.29	27	243	V
1	* 5.15	37.06	Pk	34.6	-18	0	53.66	-	-	74	-20.34	27	243	V
3	* 5.15	31.53	RMS	34.6	-18	.19	48.32	54	-5.68	-	-	27	243	V

Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correct ed Readin g (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.242	40.36	PK-U	31.5	-30.6	0	41.26	-	-	74	-32.74	334	332	H
	* 2.2	28.06	ADR	31.2	-30.6	.19	28.85	54	-25.15	-	-	334	332	H
2	* 1.557	40.66	PK-U	28	-31.6	0	37.06	-	-	74	-36.94	282	305	H
	* 1.559	29.12	ADR	28	-31.6	.19	25.71	54	-28.29	-	-	282	305	H
3	* 1.722	39.99	PK-U	29.2	-30.8	0	38.39	-	-	74	-35.61	330	157	V
	* 1.72	27.77	ADR	29.2	-30.8	.19	26.36	54	-27.64	-	-	330	157	V
4	* 11.472	33.51	PK-U	38	-20.7	0	50.81	-	-	74	-23.19	274	204	H
	* 11.458	22.09	ADR	38	-20.6	.19	39.68	54	-14.32	-	-	274	204	H
5	* 8.317	35.01	PK-U	35.9	-23.5	0	47.41	-	-	74	-26.59	155	400	V
	* 8.319	23.16	ADR	35.9	-23.5	.19	35.75	54	-18.25	-	-	155	400	V
6	* 11.669	33.34	PK-U	38.4	-20.2	0	51.54	-	-	74	-22.46	193	319	V
	* 11.65	21.9	ADR	38.4	-20.3	.19	40.19	54	-13.81	-	-	193	319	V

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

PK-U - U-NII: Maximum Peak

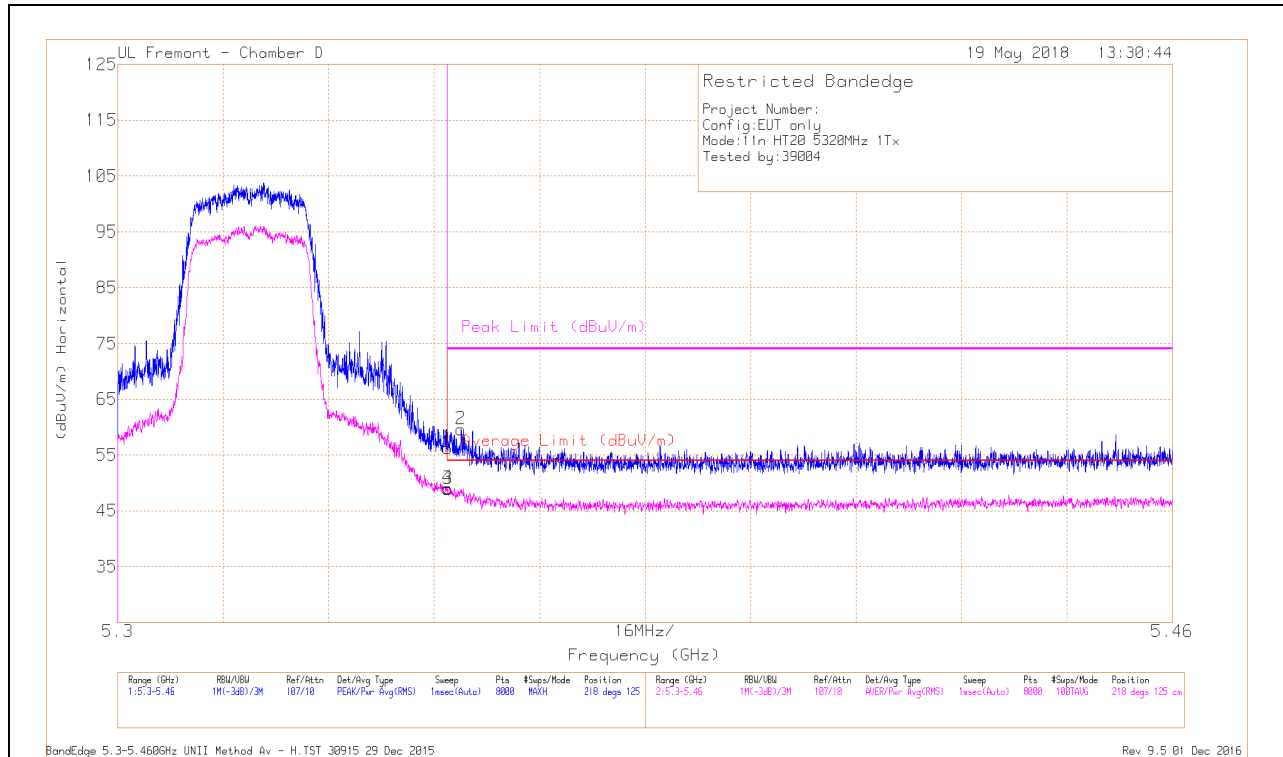
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



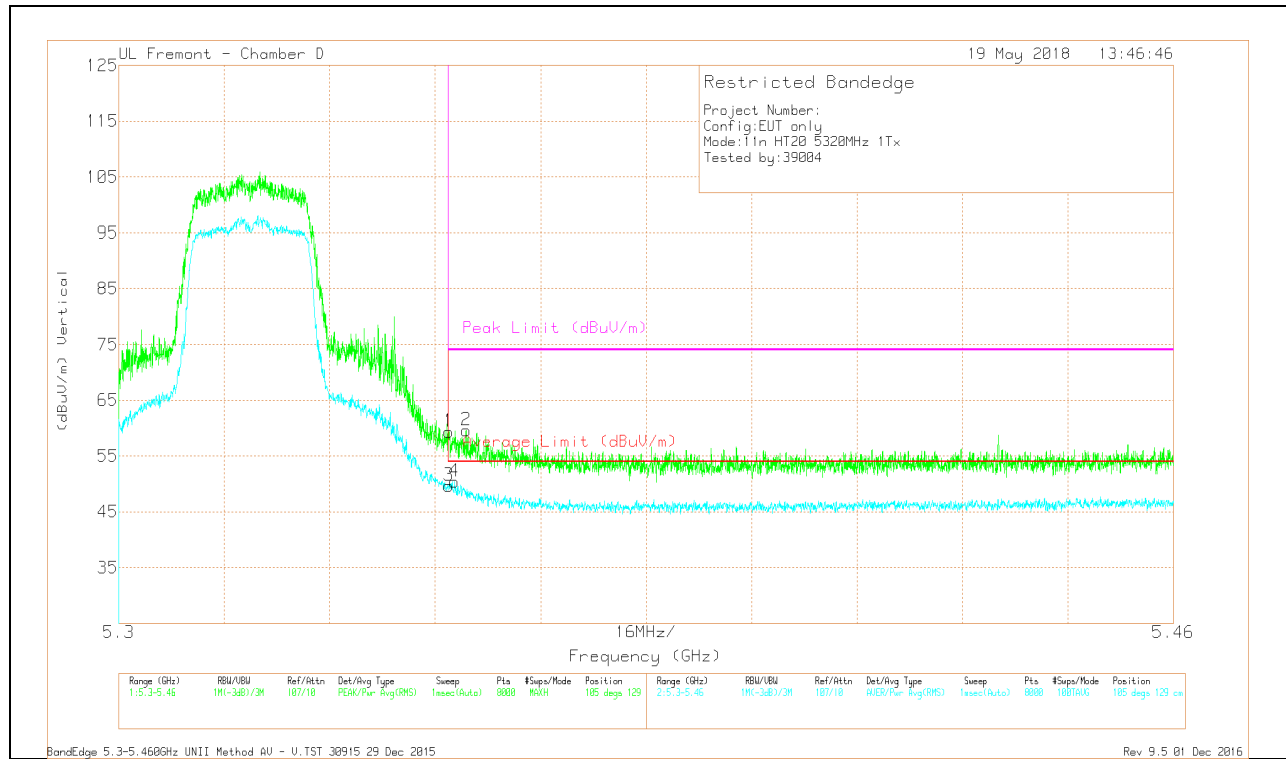
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/IFtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.31	Pk	34.9	-17.9	56.31	-	-	74	-17.69	218	125	H
3	* 5.35	31.93	RMS	34.9	-17.9	48.93	54	-5.07	-	-	218	125	H
4	* 5.35	32.08	RMS	34.9	-17.9	49.08	54	-4.92	-	-	218	125	H
2	* 5.352	42.59	Pk	34.9	-17.9	59.59	-	-	74	-14.41	218	125	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 (dBm)	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	42.32	Pk	34.9	-17.9	59.32	-	-	74	-14.68	105	129	V
3	* 5.35	32.71	RMS	34.9	-17.9	49.71	54	-4.29	-	-	105	129	V
4	* 5.351	33.39	RMS	34.9	-17.9	50.39	54	-3.61	-	-	105	129	V
2	* 5.353	42.67	Pk	34.9	-18	59.57	-	-	74	-14.43	105	129	V

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

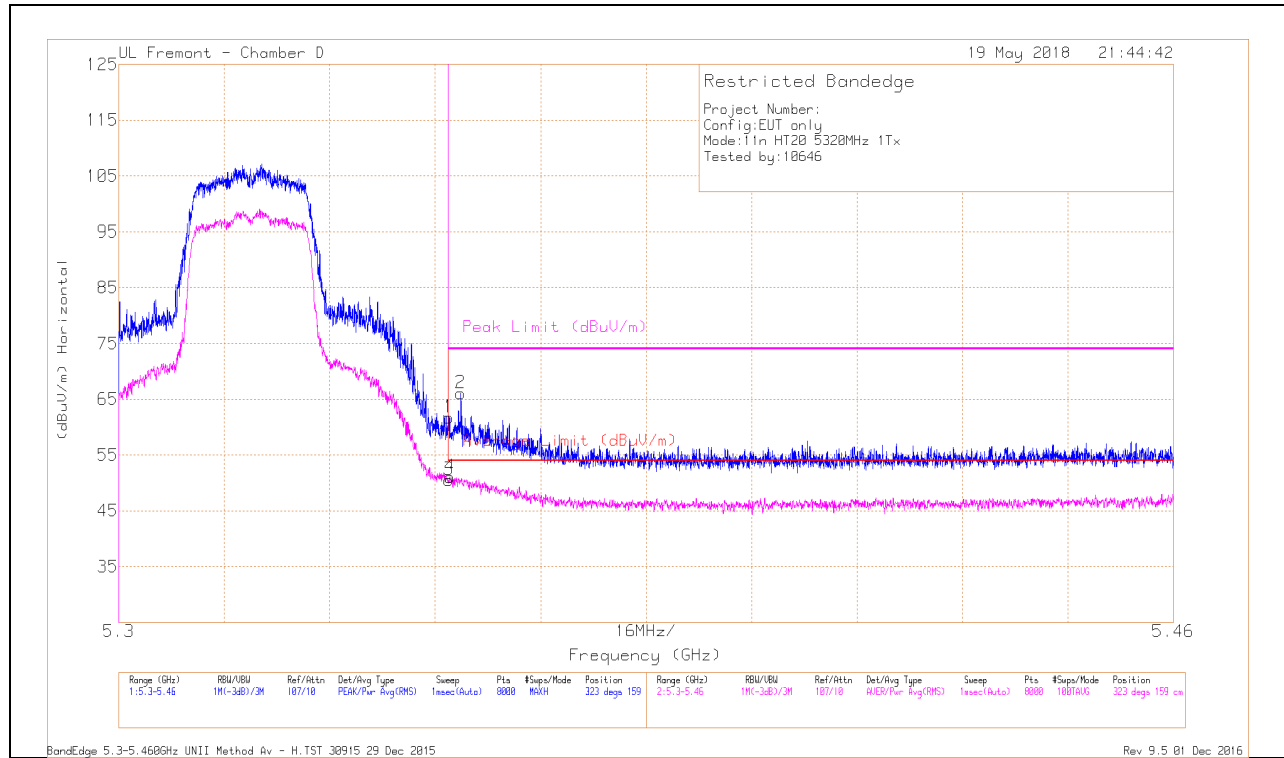
Pk - Peak detector

RMS - RMS detection

1TX ANTENNA 5

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



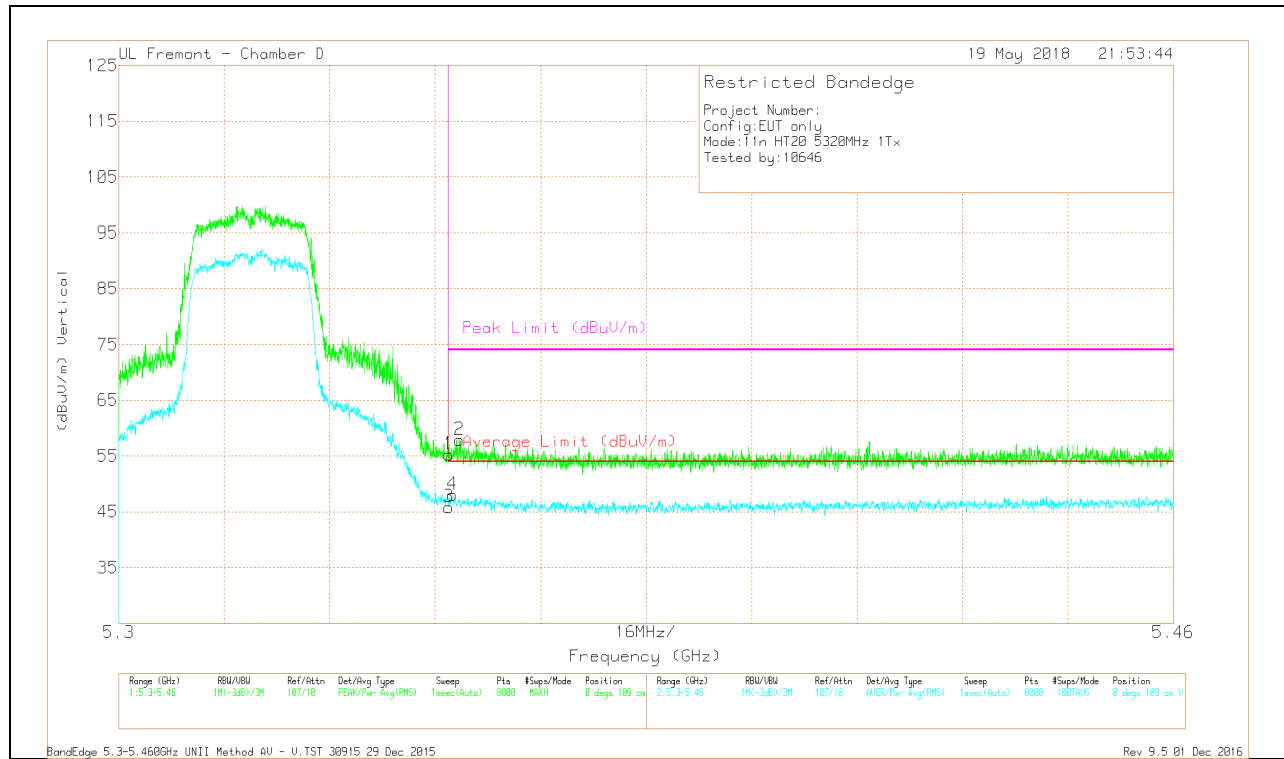
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.75	Pk	34.9	-17.9	61.75	-	-	74	-12.25	323	159	H
3	* 5.35	33.53	RMS	34.9	-17.9	50.53	54	-3.47	-	-	323	159	H
4	* 5.35	34.01	RMS	34.9	-17.9	51.01	54	-2.99	-	-	323	159	H
2	* 5.352	49.05	Pk	34.9	-17.9	66.05	-	-	74	-7.95	323	159	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 (dBm)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.3	Pk	34.9	-17.9	55.3	-	-	74	-18.7	0	109	V
3	* 5.35	28.84	RMS	34.9	-17.9	45.84	54	-8.16	-	-	0	109	V
4	* 5.351	31	RMS	34.9	-17.9	48	54	-6	-	-	0	109	V
2	* 5.352	40.91	Pk	34.9	-17.9	57.91	-	-	74	-16.09	0	109	V

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

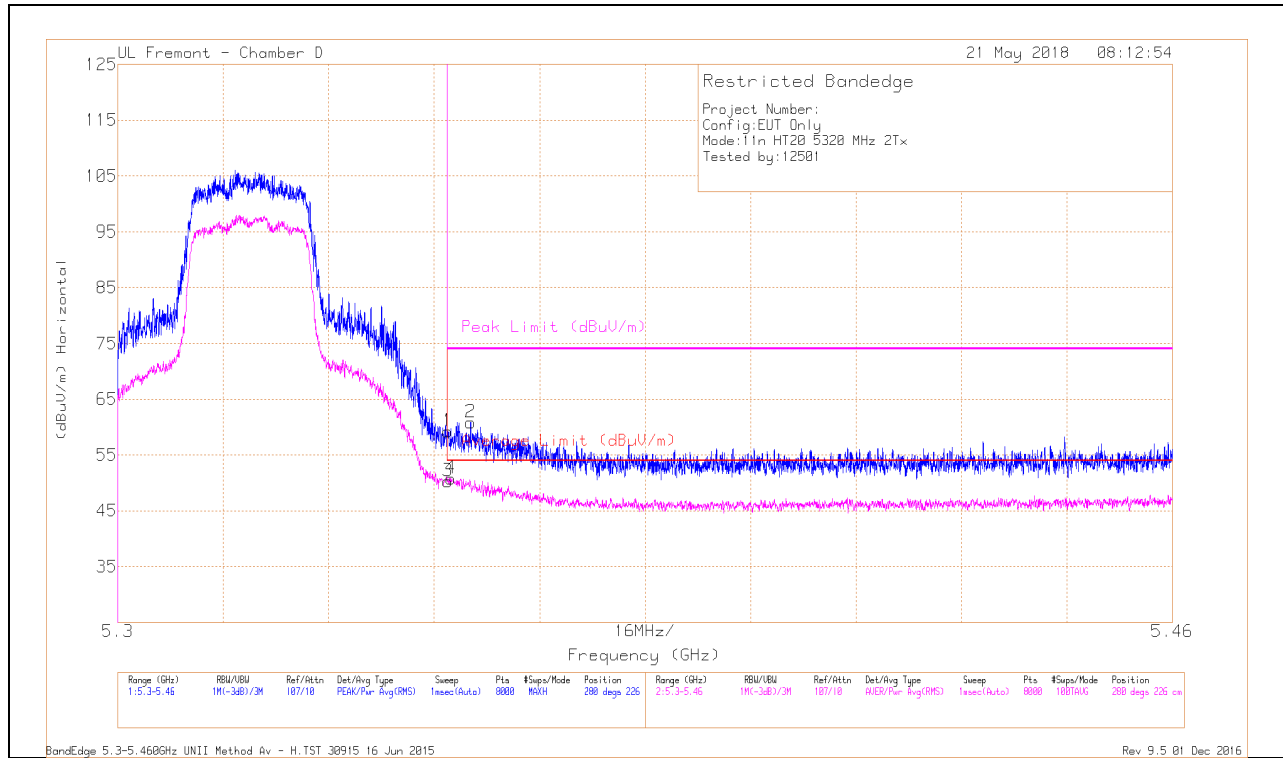
Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + ANTENNA 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



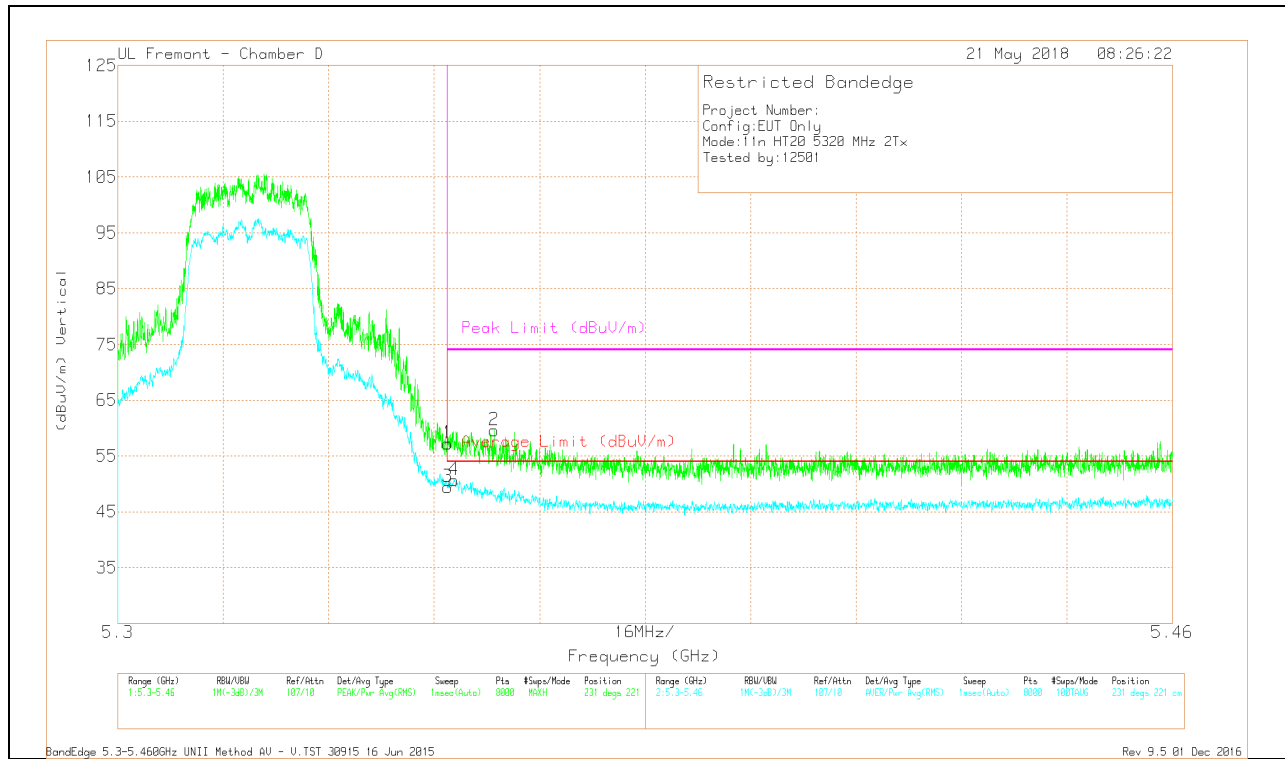
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.23	Pk	34.9	-17.9	59.23	-	-	74	-14.77	280	226	H
2	* 5.354	43.98	Pk	34.9	-18	60.88	-	-	74	-13.12	280	226	H
3	* 5.35	33.34	RMS	34.9	-17.9	50.34	54	-3.66	-	-	280	226	H
4	* 5.35	33.82	RMS	34.9	-17.9	50.82	54	-3.18	-	-	280	226	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/Cbl/Filtr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.28	Pk	34.9	-17.9	57.28	-	-	74	-16.72	231	221	V
3	* 5.35	32.39	RMS	34.9	-17.9	49.39	54	-4.61	-	-	231	221	V
4	* 5.351	33.7	RMS	34.9	-17.9	50.7	54	-3.3	-	-	231	221	V
2	* 5.357	42.68	Pk	34.9	-18	59.58	-	-	74	-14.42	231	221	V

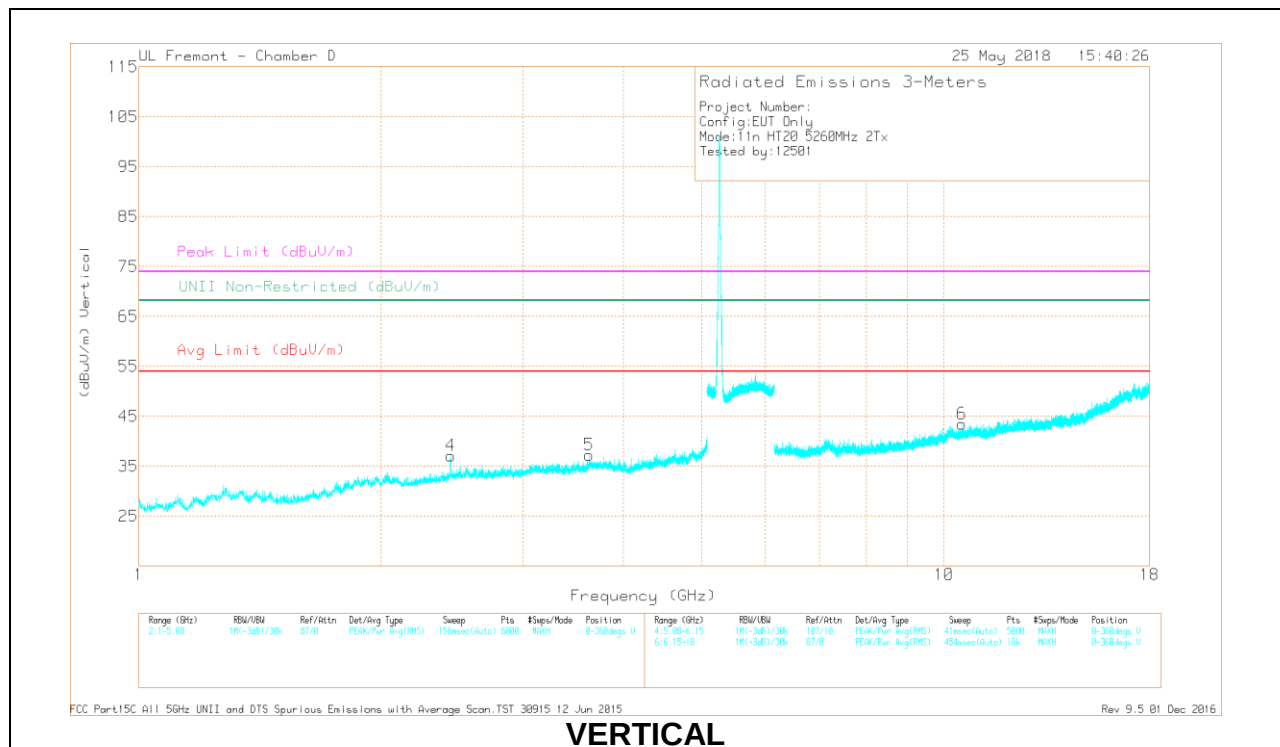
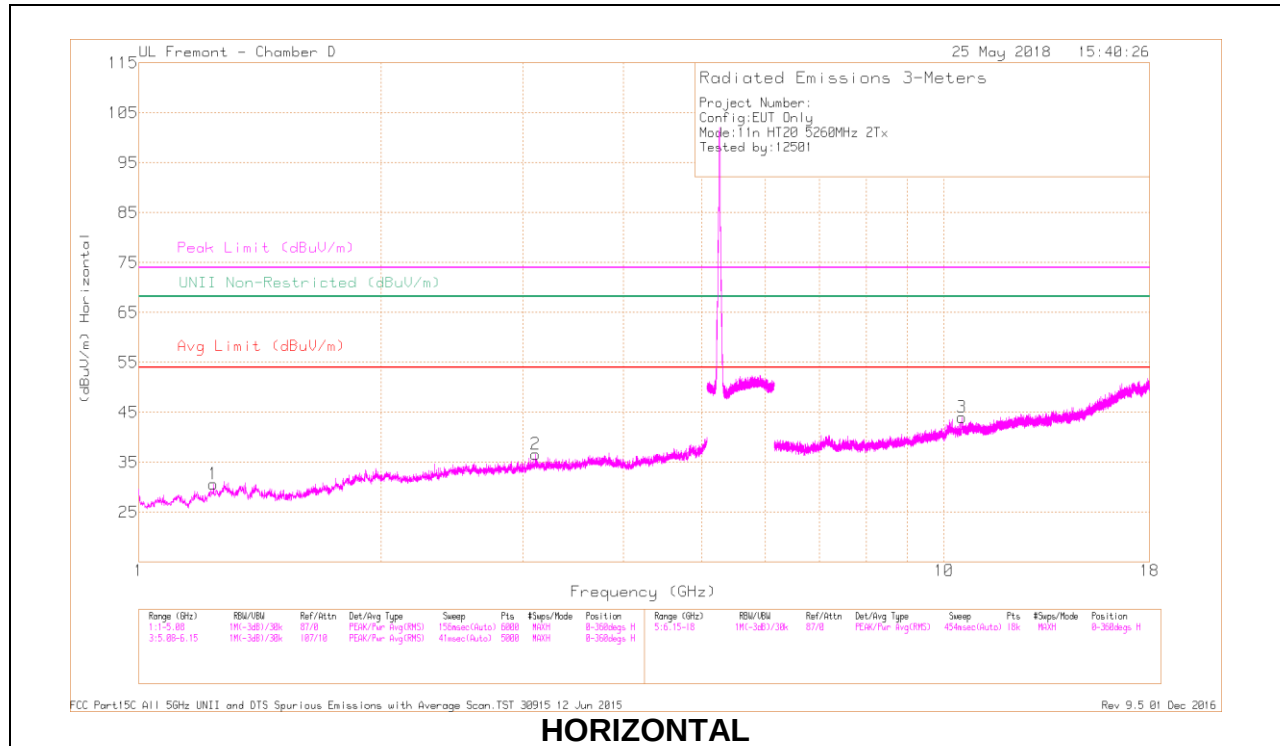
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

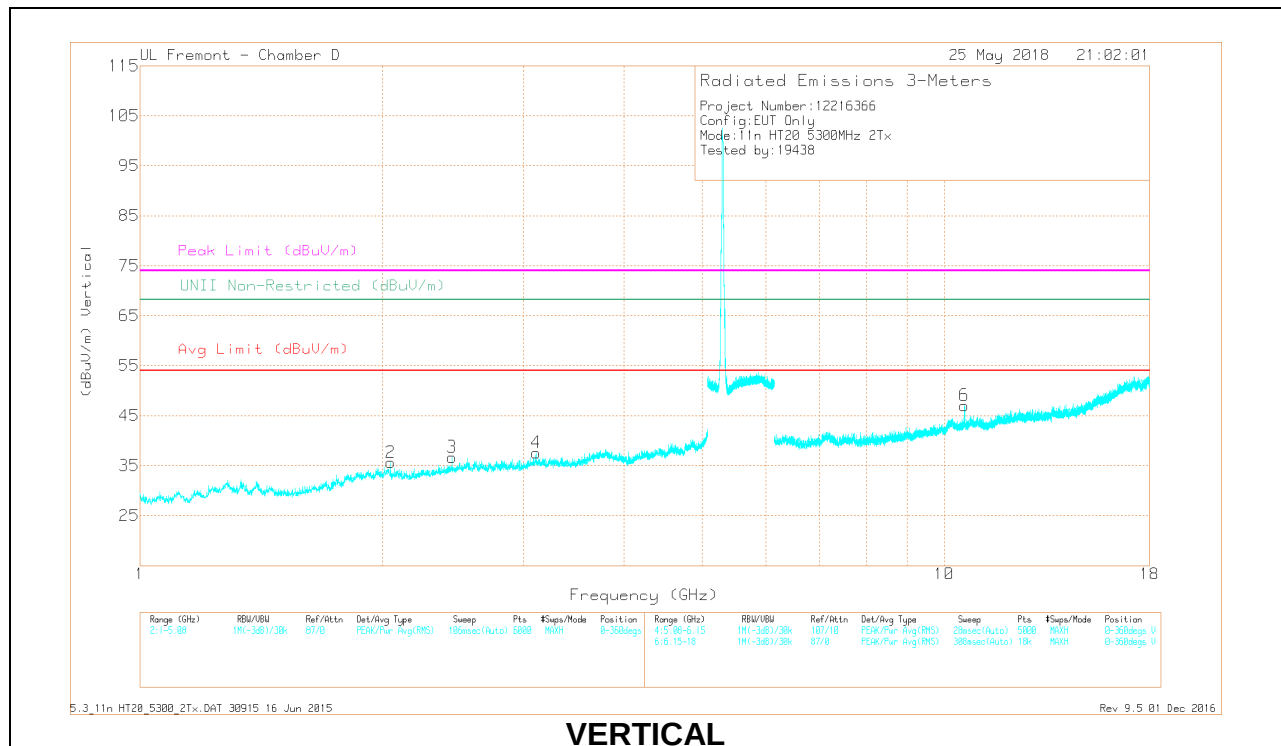
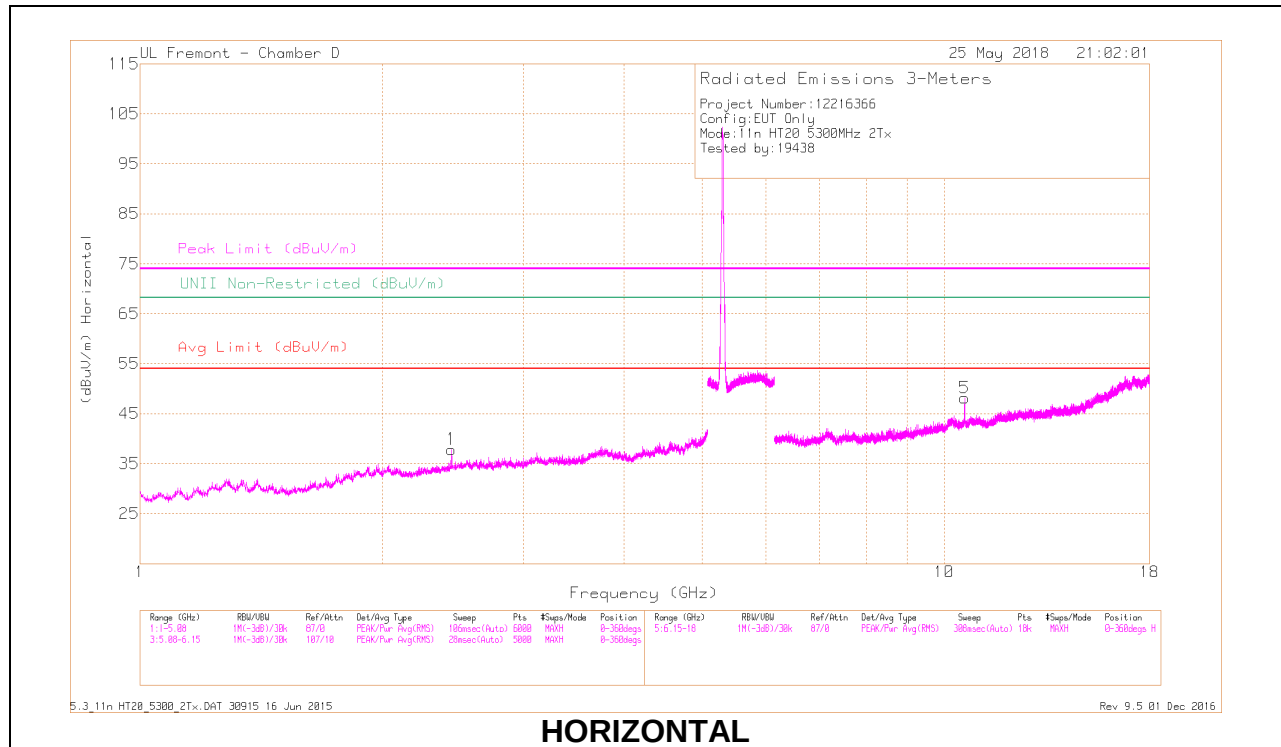
Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.237	39.73	PK-U	28.9	-32	36.63	-	-	74	-37.37	-	-	208	305	H
* 1.239	27.73	ADR	28.9	-32	24.63	54	-29.37	-	-	-	-	208	305	H
* 3.623	35.8	PK-U	33.6	-28.7	40.7	-	-	74	-33.3	-	-	123	278	V
* 3.62	24.69	ADR	33.6	-28.7	29.59	54	-24.41	-	-	-	-	123	278	V
2.439	39.38	PK-U	32.2	-30.4	41.18	-	-	-	-	68.2	-27.02	103	154	V
3.112	37.54	PK-U	33	-28.4	42.14	-	-	-	-	68.2	-26.06	176	356	H
10.515	33.18	PK-U	37.6	-20.8	49.98	-	-	-	-	68.2	-18.22	46	125	V
10.526	34.99	PK-U	37.6	-20.7	51.89	-	-	-	-	68.2	-16.31	52	222	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

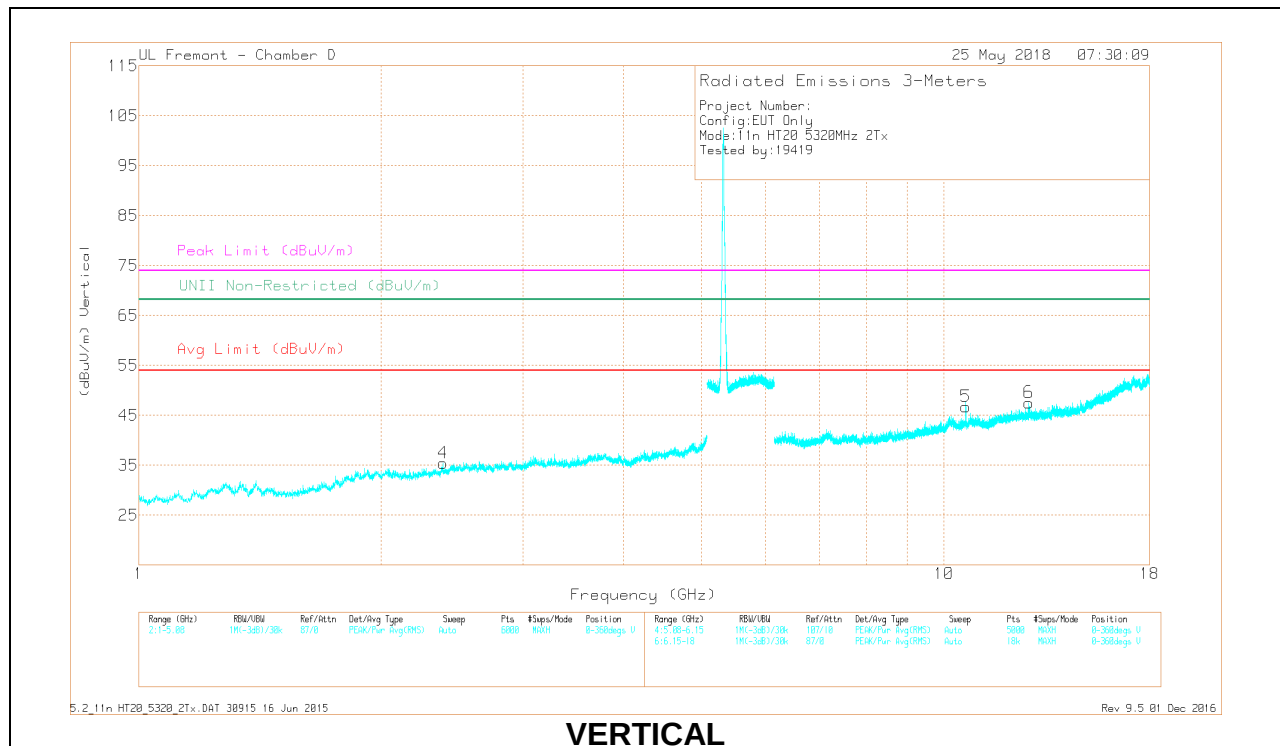
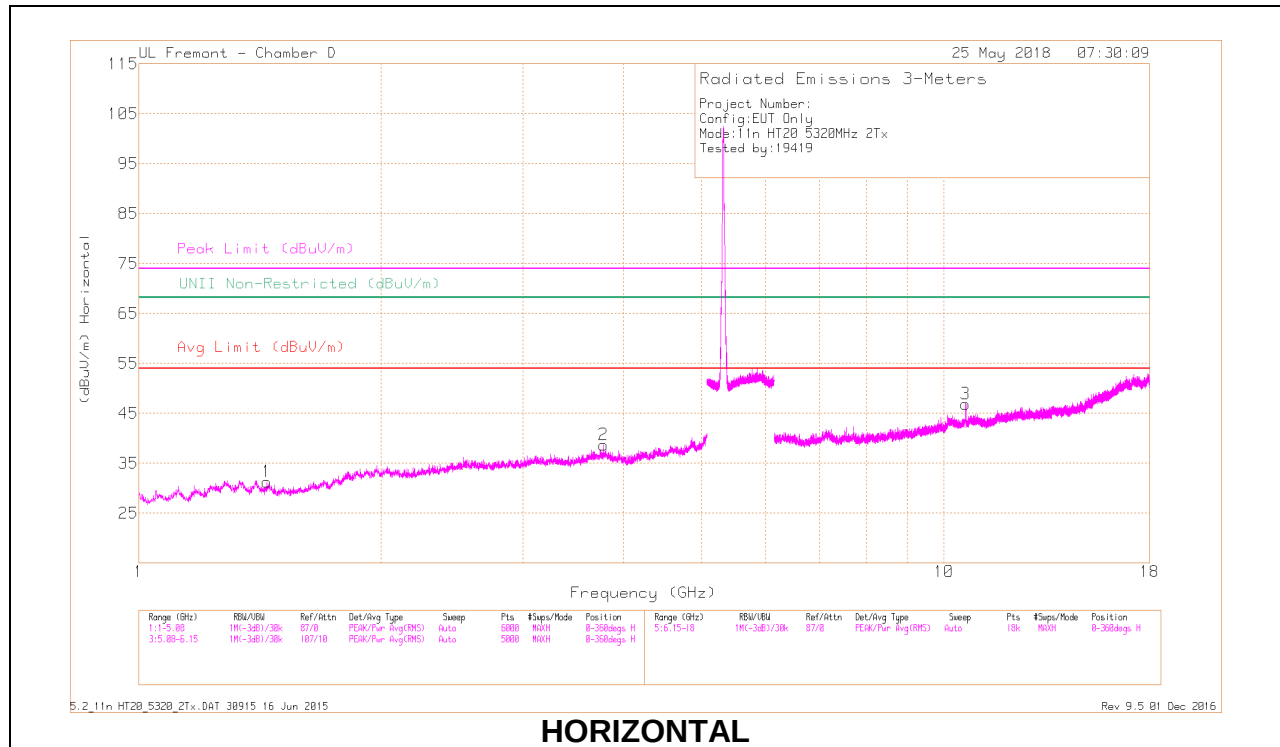
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.601	39.48	PK-U	37.7	-20.6	56.58	-	-	74	-17.42	-	-	135	220	H
	* 10.601	21.79	ADR	37.7	-20.6	38.89	54	-15.11	-	-	-	-	135	220	H
2	2.07	41.22	PK-U	31.4	-30.3	42.32	-	-	-	-	68.2	-25.88	175	326	V
1	2.461	41.7	PK-U	32.3	-30.4	43.6	-	-	-	-	68.2	-24.6	101	392	H
3	2.467	42.55	PK-U	32.4	-30.2	44.75	-	-	-	-	68.2	-23.45	27	348	V
4	3.107	40.24	PK-U	33	-28.4	44.84	-	-	-	-	68.2	-23.36	315	244	V
6	10.593	37.72	PK-U	37.7	-20.4	55.02	-	-	-	-	68.2	-13.18	42	110	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44	40.78	PK-U	28.5	-31.3	37.98	-	-	74	-36.02	-	-	92	265	H
	* 1.444	29.05	ADR	28.5	-31.2	26.35	54	-27.65	-	-	-	-	92	265	H
2	* 3.779	38.65	PK-U	33.6	-28.4	43.85	-	-	74	-30.15	-	-	77	309	H
	* 3.779	26.78	ADR	33.6	-28.4	31.98	54	-22.02	-	-	-	-	77	309	H
4	* 10.636	38.86	PK-U	37.7	-21	55.56	-	-	74	-18.44	-	-	101	216	H
	* 10.636	26.38	ADR	37.7	-21	43.08	54	-10.92	-	-	-	-	101	216	H
3	* 10.641	39.83	PK-U	37.7	-21	56.53	-	-	74	-17.47	-	-	41	122	V
	* 10.641	27.46	ADR	37.7	-21	44.16	54	-9.84	-	-	-	-	41	122	V
5	* 10.64	39.3	PK-U	37.7	-21	56	-	-	74	-18	-	-	41	122	V
	* 10.639	27.45	ADR	37.7	-21	44.15	54	-9.85	-	-	-	-	41	122	V
6	12.749	34.45	PK-U	39.2	-21	52.65	-	-	-	-	68.2	-15.55	65	201	V

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

PK-U - U-NII: Maximum Peak

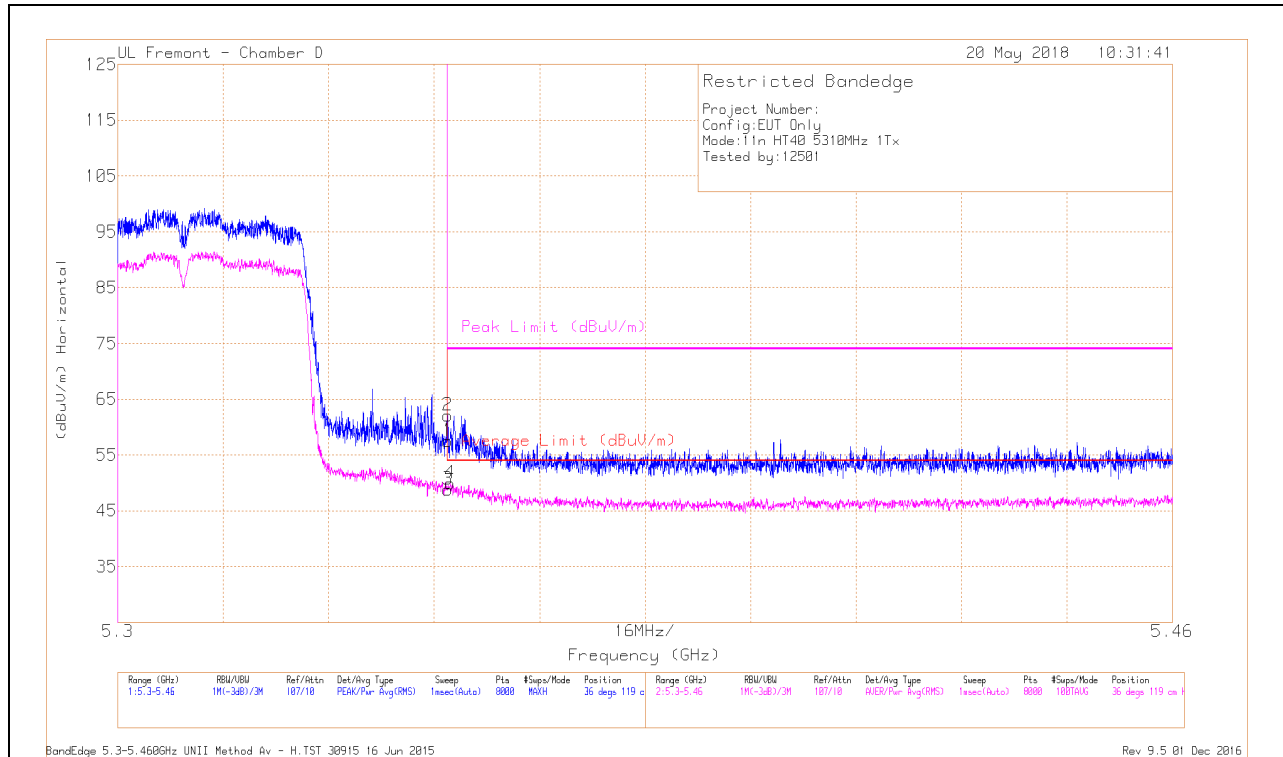
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



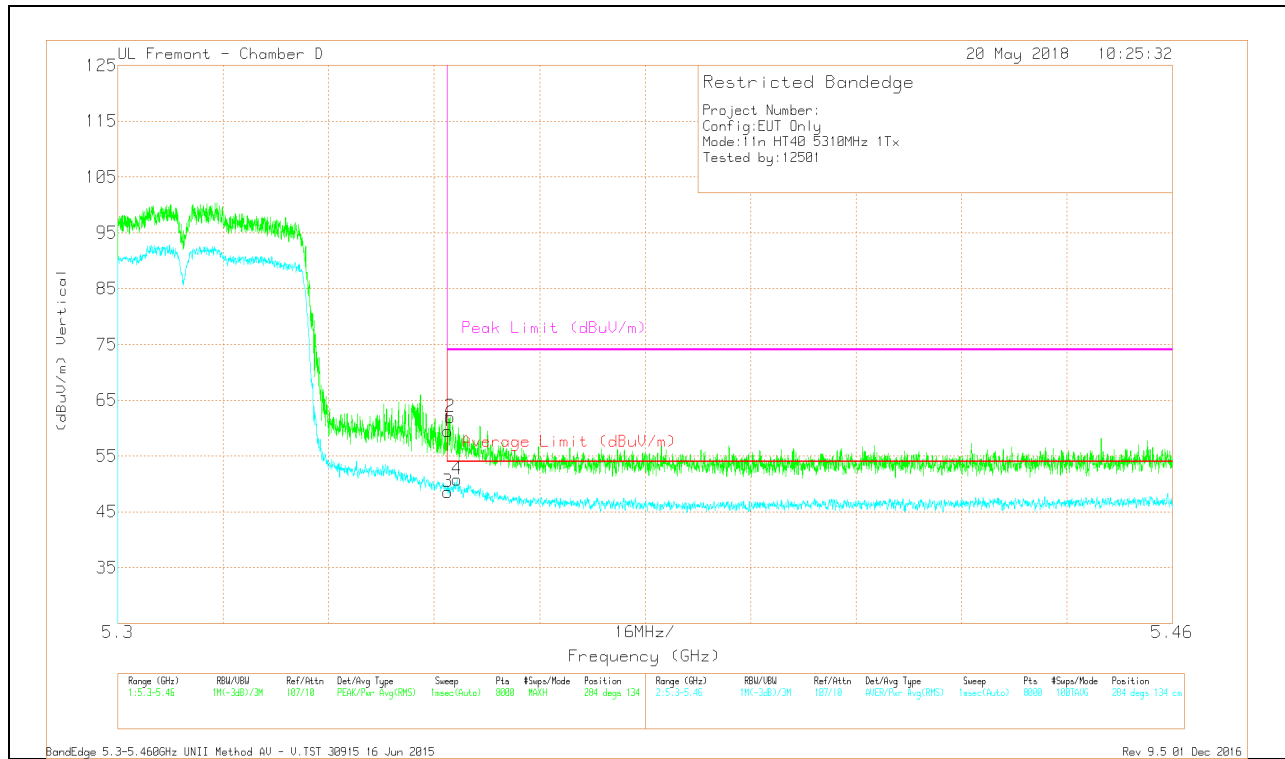
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.54	Pk	34.9	-17.9	0	57.54	-	-	74	-16.46	36	119	H
2	* 5.35	45.14	Pk	34.9	-17.9	0	62.14	-	-	74	-11.86	36	119	H
3	* 5.35	31.73	RMS	34.9	-17.9	.10	48.83	54	-5.17	-	-	36	119	H
4	* 5.35	32.78	RMS	34.9	-17.9	.10	49.88	54	-4.12	-	-	36	119	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 T136 (dBm)	Ampl/Cou/Filt/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
1	* 5.35	42.44	Pk	34.9	-17.9	0	59.44	-	-	74	-14.56	284	134	V
2	* 5.35	44.99	Pk	34.9	-17.9	0	61.99	-	-	74	-12.01	284	134	V
3	* 5.35	31.42	RMS	34.9	-17.9	10	48.52	54	-5.48	-	-	284	134	V
4	* 5.352	33.64	RMS	34.9	-17.9	10	50.74	54	-3.26	-	-	284	134	V

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

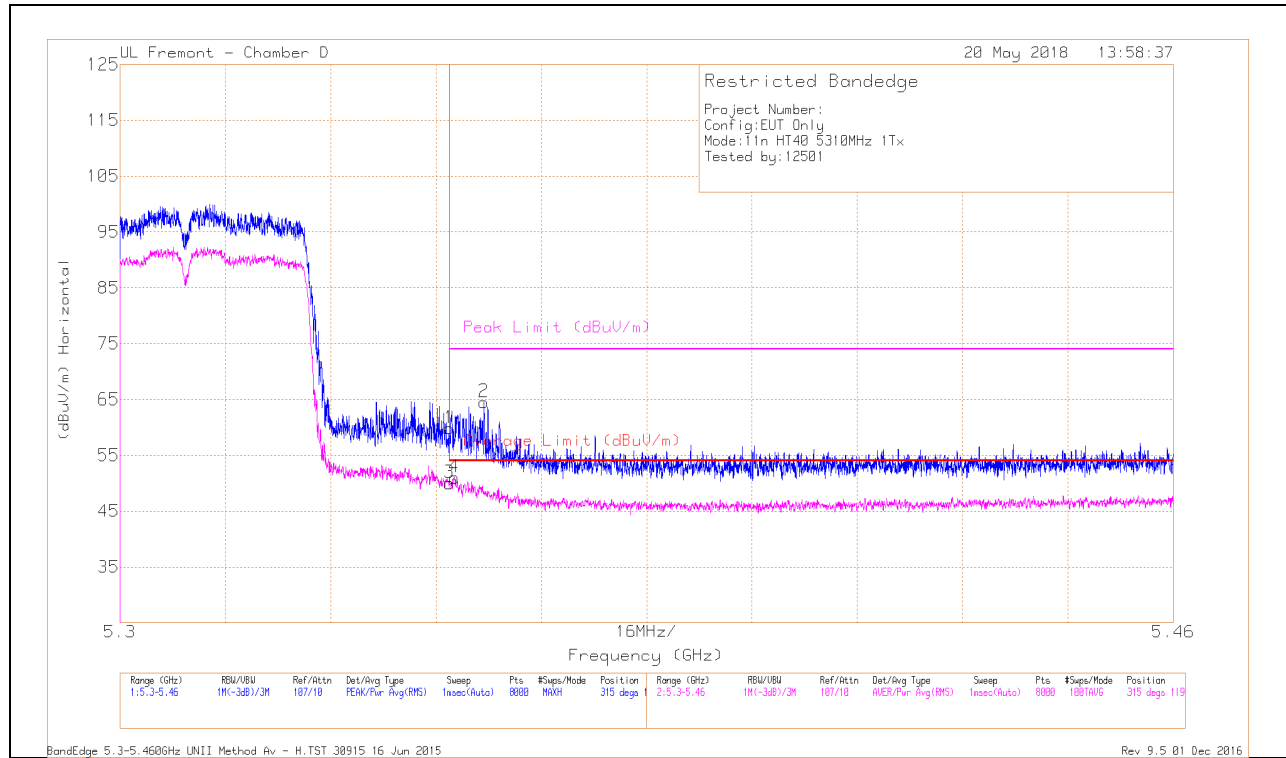
Pk - Peak detector

RMS - RMS detection

1TX ANTENNA 5

BANDEDGE (HIGH CHANNEL)

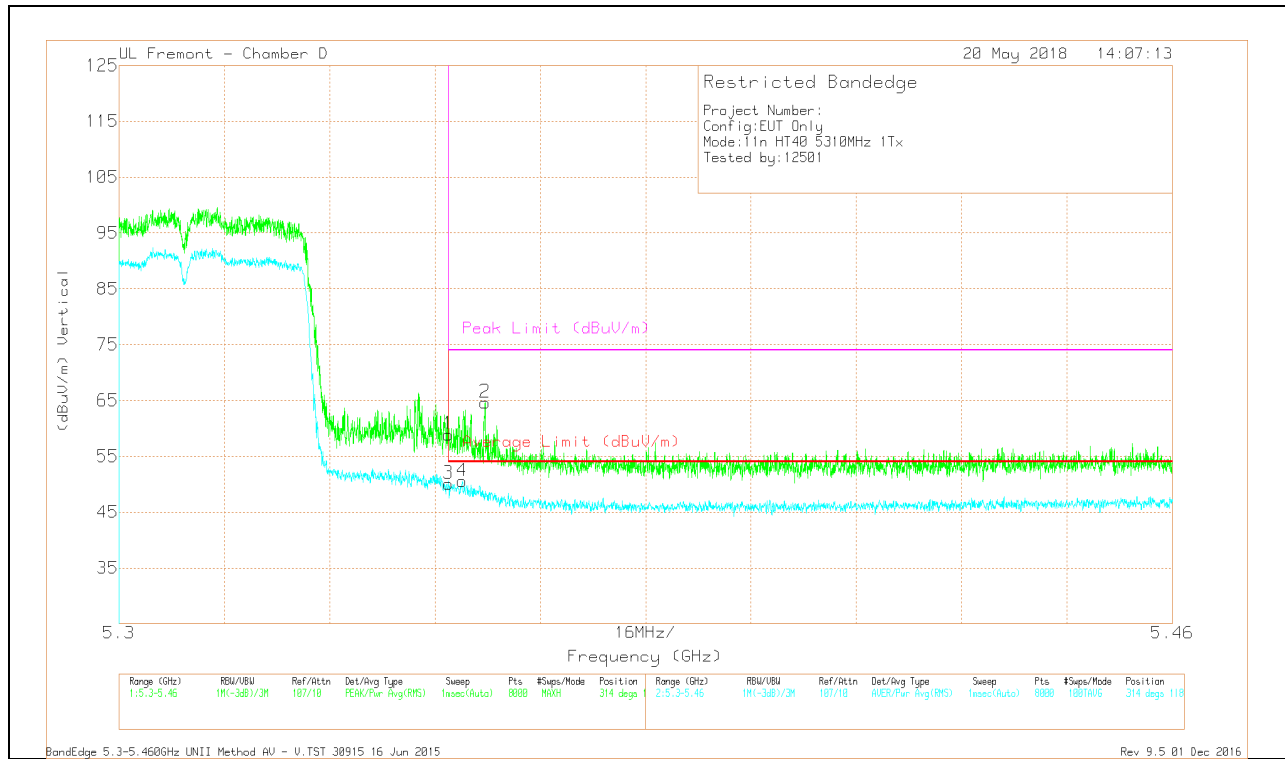
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/IF/It/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
1	* 5.35	42.84	Pk	34.9	-17.9	0	59.84	-	-	74	-14.16	315	119	H
2	* 5.355	47.64	Pk	34.9	-18	0	64.54	-	-	74	-9.46	315	119	H
3	* 5.35	32.93	RMS	34.9	-17.9	10	50.03	54	-3.97	-	-	315	119	H
4	* 5.351	33.91	RMS	34.9	-17.9	10	51.01	54	-2.99	-	-	315	119	H

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

VERTICAL RESULT

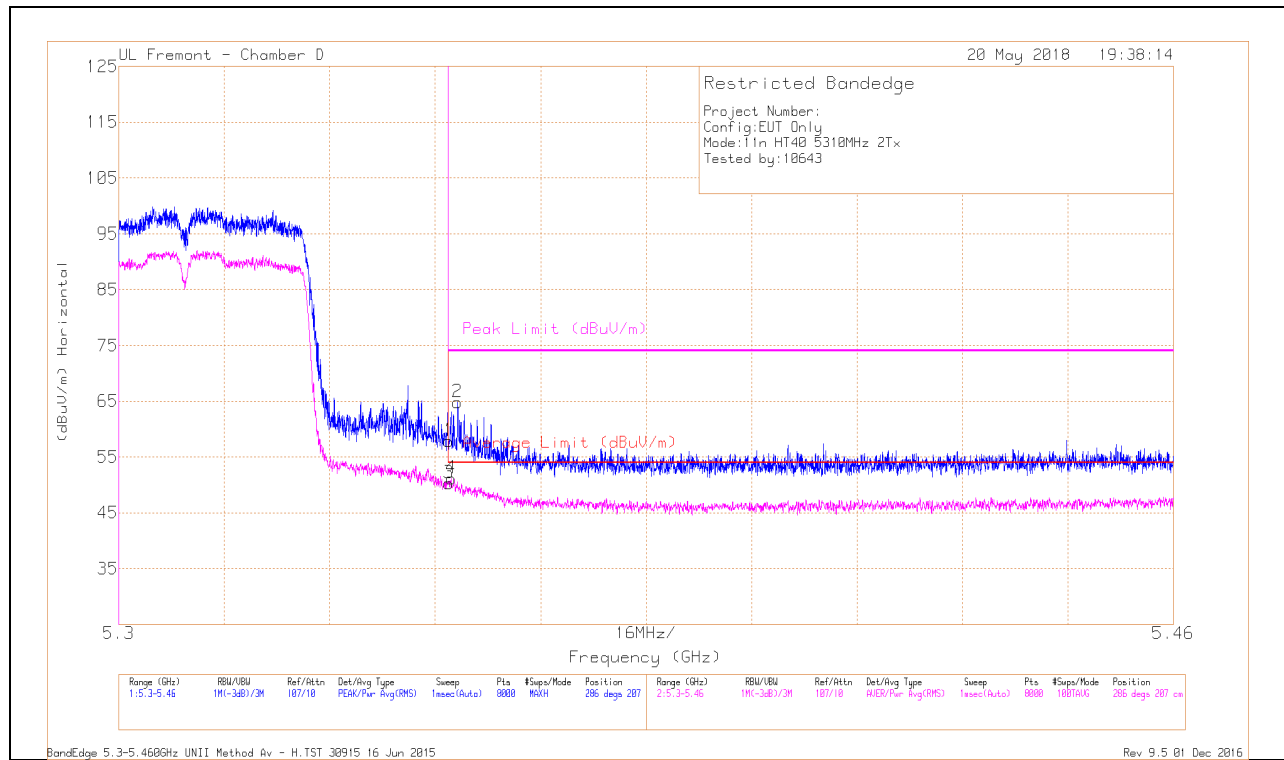


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.94	Pk	34.9	-17.9	0	50.94	-	-	74	-15.06	314	118	V
3	* 5.35	33.02	RMS	34.9	-17.9	10	50.12	54	-3.88	-	-	314	118	V
4	* 5.352	33.46	RMS	34.9	-17.9	10	50.56	54	-3.44	-	-	314	118	V
2	* 5.356	47.75	Pk	34.9	-18	0	64.65	-	-	74	-9.35	314	118	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + ANTENNA 5 CDD MODE**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

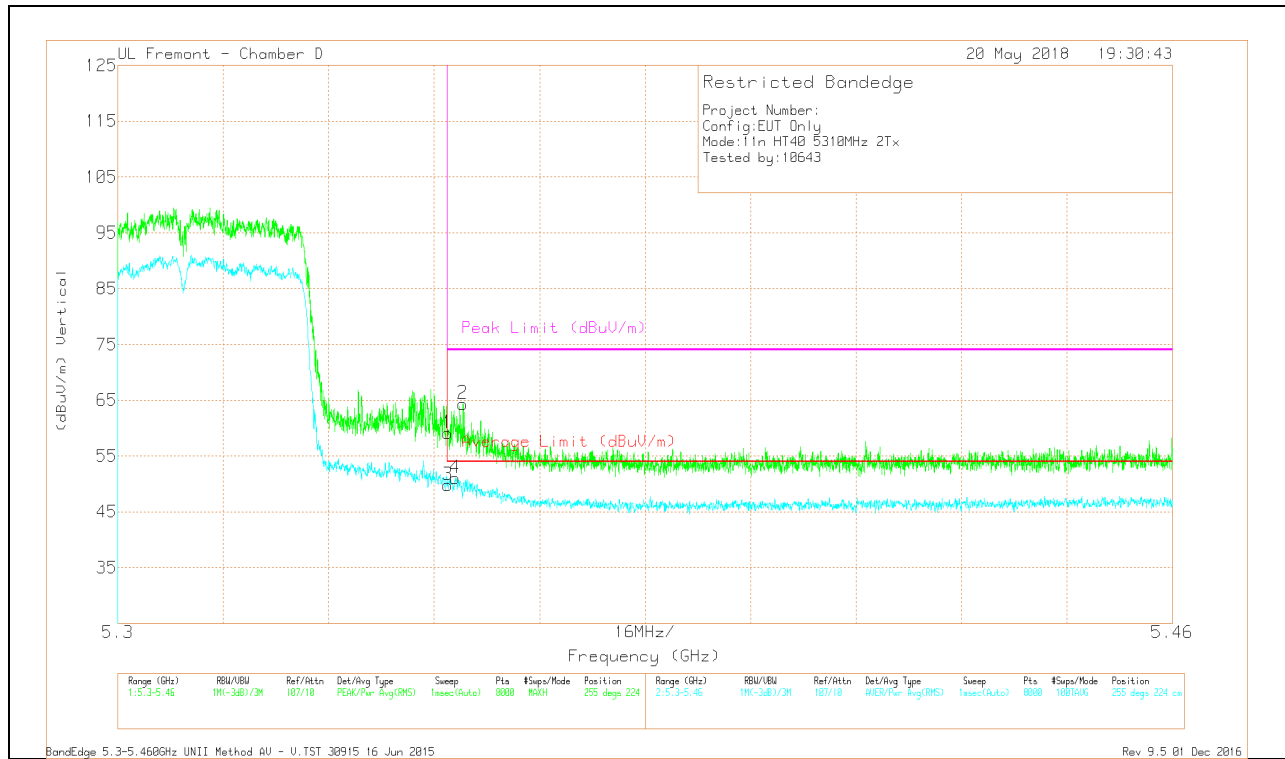
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Ampl/Cb/IFtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.86	Pk	34.9	-17.9	0	57.86	-	-	74	-16.14	286	207	H
2	* 5.351	47.85	Pk	34.9	-17.9	0	64.85	-	-	74	-9.15	286	207	H
3	* 5.35	33.14	RMS	34.9	-17.9	10	50.24	54	-3.76	-	-	286	207	H
4	* 5.35	34.02	RMS	34.9	-17.9	10	51.12	54	-2.88	-	-	286	207	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 (dBm)	Ampl/Cou/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	42.11	Pk	34.9	-17.9	0	59.11	-	-	74	-14.89	255	224	V
2	* 5.352	47.38	Pk	34.9	-17.9	0	64.38	-	-	74	-9.62	255	224	V
3	* 5.35	32.69	RMS	34.9	-17.9	10	49.79	54	-4.21	-	-	255	224	V
4	* 5.351	33.94	RMS	34.9	-17.9	10	51.04	54	-2.96	-	-	255	224	V

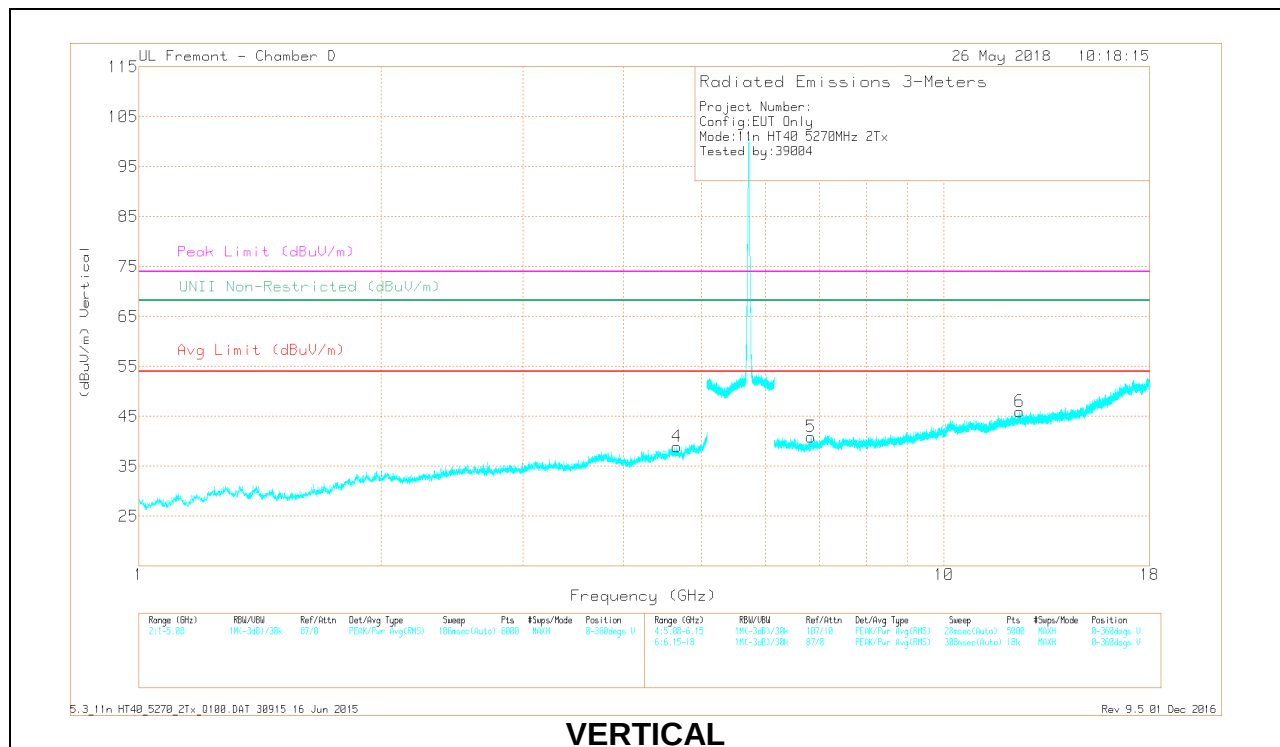
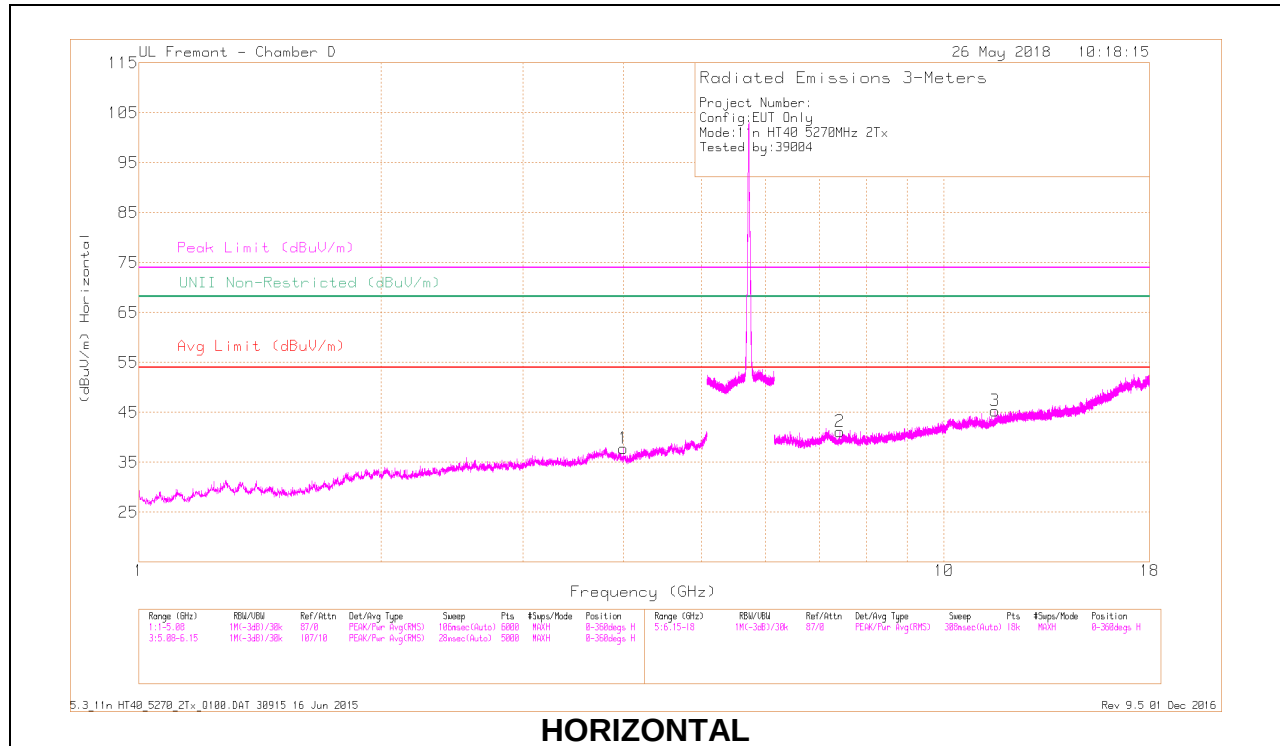
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

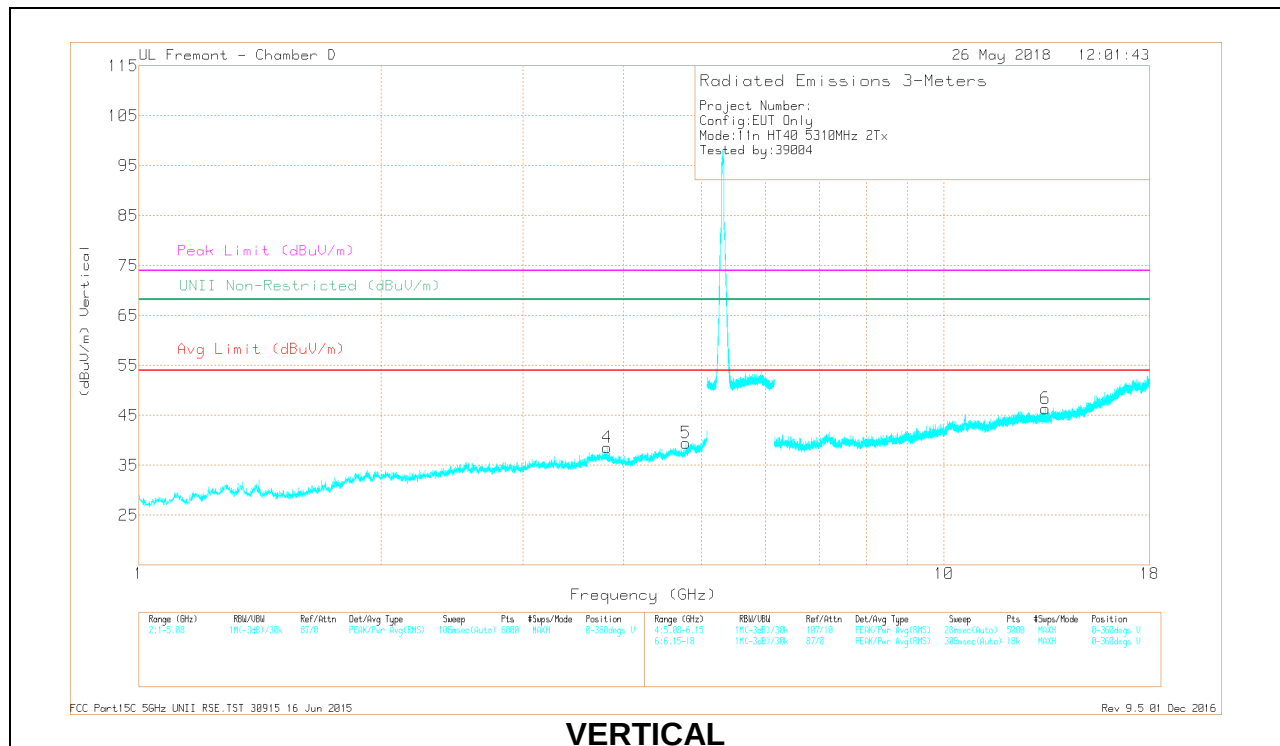
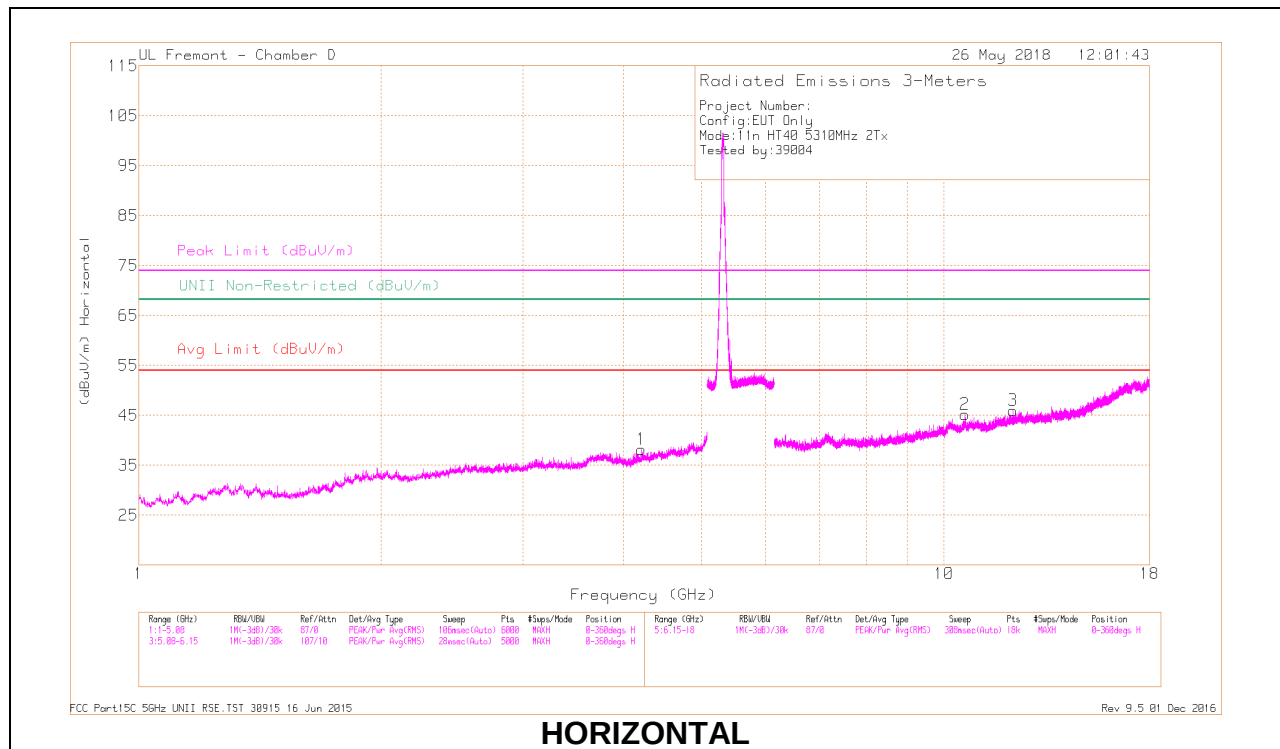
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 3.999	36.98	PK-U	33.6	-27.7	0	42.88	-	-	74	-31.12	-	-	310	132	H
	* 4.001	25.9	ADR	33.6	-27.6	.10	32	54	-22	-	-	-	-	310	132	H
4	* 4.66	37.66	PK-U	34.6	-27.1	0	45.16	-	-	74	-28.84	-	-	294	107	V
	* 4.662	26.43	ADR	34.6	-27.2	.10	33.93	54	-20.07	-	-	-	-	294	107	V
2	* 7.421	37.37	PK-U	36.2	-24.4	0	49.17	-	-	74	-24.83	-	-	277	226	H
	* 7.419	24.51	ADR	36.2	-24.5	.10	36.31	54	-17.69	-	-	-	-	277	226	H
3	* 11.573	33.7	PK-U	38.2	-20.7	0	51.2	-	-	74	-22.8	-	-	254	118	H
	* 11.574	22.23	ADR	38.2	-20.7	.10	39.83	54	-14.17	-	-	-	-	254	118	H
6	* 12.405	33.75	PK-U	38.9	-20.2	0	52.45	-	-	74	-21.55	-	-	226	175	V
	* 12.405	22.51	ADR	38.9	-20.2	.10	41.31	54	-12.69	-	-	-	-	226	175	V
5	6.84	36.75	PK-U	36.1	-25.4	0	47.45	-	-	-	-	68.2	-20.75	239	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Ftr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.204	37.16	PK-U	33.7	-27.5	0	43.36	-	-	74	-30.64	58	217	H
	* 4.205	25.99	ADR	33.7	-27.5	.10	32.29	54	-21.71	-	-	58	217	H
4	* 3.815	37.56	PK-U	33.6	-28.3	0	42.86	-	-	74	-31.14	110	188	V
	* 3.815	26.66	ADR	33.6	-28.3	.10	32.06	54	-21.94	-	-	110	188	V
5	* 4.779	38.54	PK-U	34.5	-27	0	46.04	-	-	74	-27.96	78	299	V
	* 4.778	27.39	ADR	34.5	-27	.10	34.99	54	-19.01	-	-	78	299	V
2	* 10.617	33.83	PK-U	37.7	-20.8	0	50.73	-	-	74	-23.27	115	221	H
	* 10.617	22.7	ADR	37.7	-20.8	.10	39.7	54	-14.3	-	-	115	221	H
3	* 12.177	33.28	PK-U	38.9	-21	0	51.18	-	-	74	-22.82	201	322	H
	* 12.178	22.49	ADR	38.9	-21	.10	40.49	54	-13.51	-	-	201	322	H
6	* 13.37	34.79	PK-U	39.2	-21.7	0	52.29	-	-	74	-21.71	322	210	V
	* 13.373	23.58	ADR	39.2	-21.7	.10	41.18	54	-12.82	-	-	322	210	V

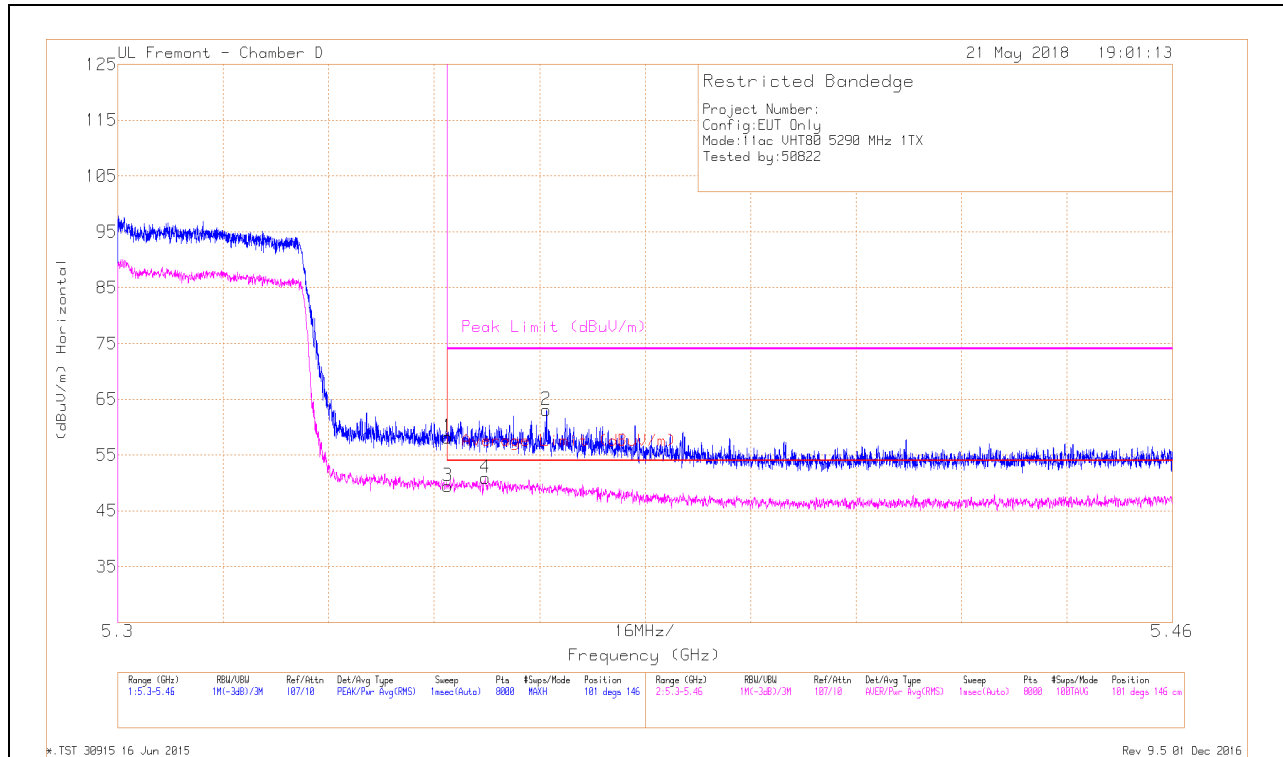
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



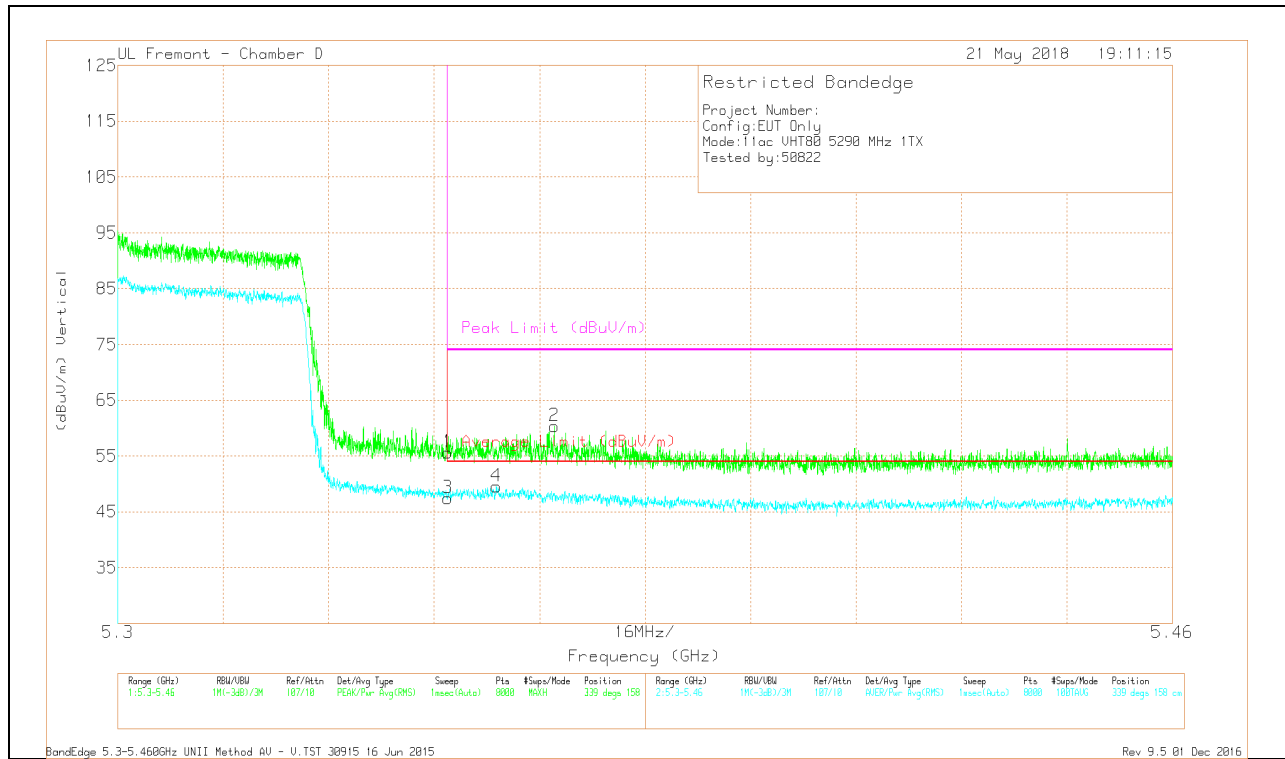
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/IFtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	41.18	Pk	34.9	-17.9	0	58.18	-	-	74	-15.82	101	146	H
3	* 5.35	32.2	RMS	34.9	-17.9	.19	49.3	54	-4.7	-	-	101	146	H
4	* 5.356	33.79	RMS	34.9	-18	.19	50.88	54	-3.12	-	-	101	146	H
2	* 5.365	46.14	Pk	34.9	-18	0	63.04	-	-	74	-10.96	101	146	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 (dBm)	Ampl/Cou/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	38.68	Pk	34.9	-17.9	0	55.58	-	-	74	-18.32	339	158	V
2	* 5.356	43.45	Pk	34.9	-18	0	60.35	-	-	74	-13.65	339	158	V
3	* 5.35	30.22	RMS	34.9	-17.9	19	47.41	54	-6.59	-	-	339	158	V
4	* 5.357	32.4	RMS	34.9	-18	19	49.4	54	-4.6	-	-	339	158	V

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

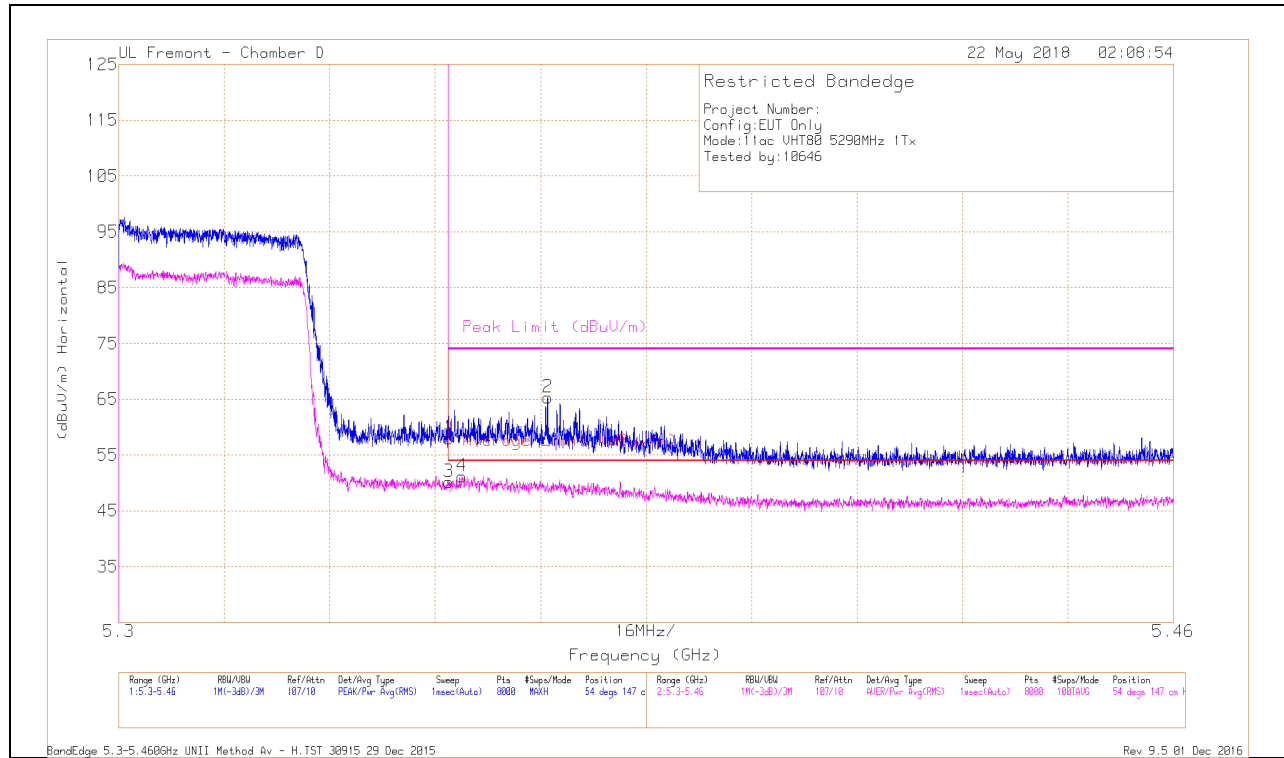
Pk - Peak detector

RMS - RMS detection

1TX ANTENNA 5

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/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	41.03	Pk	34.9	-17.9	-	58.03	-	-	74	-15.97	54	147	H
2	* 5.365	48.36	Pk	34.9	-18	-	65.26	-	-	74	-8.74	54	147	H
3	* 5.35	33.17	RMS	34.9	-17.9	.19	50.36	54	-3.64	-	-	54	147	H
4	* 5.352	34.2	RMS	34.9	-17.9	.19	51.39	54	-2.61	-	-	54	147	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

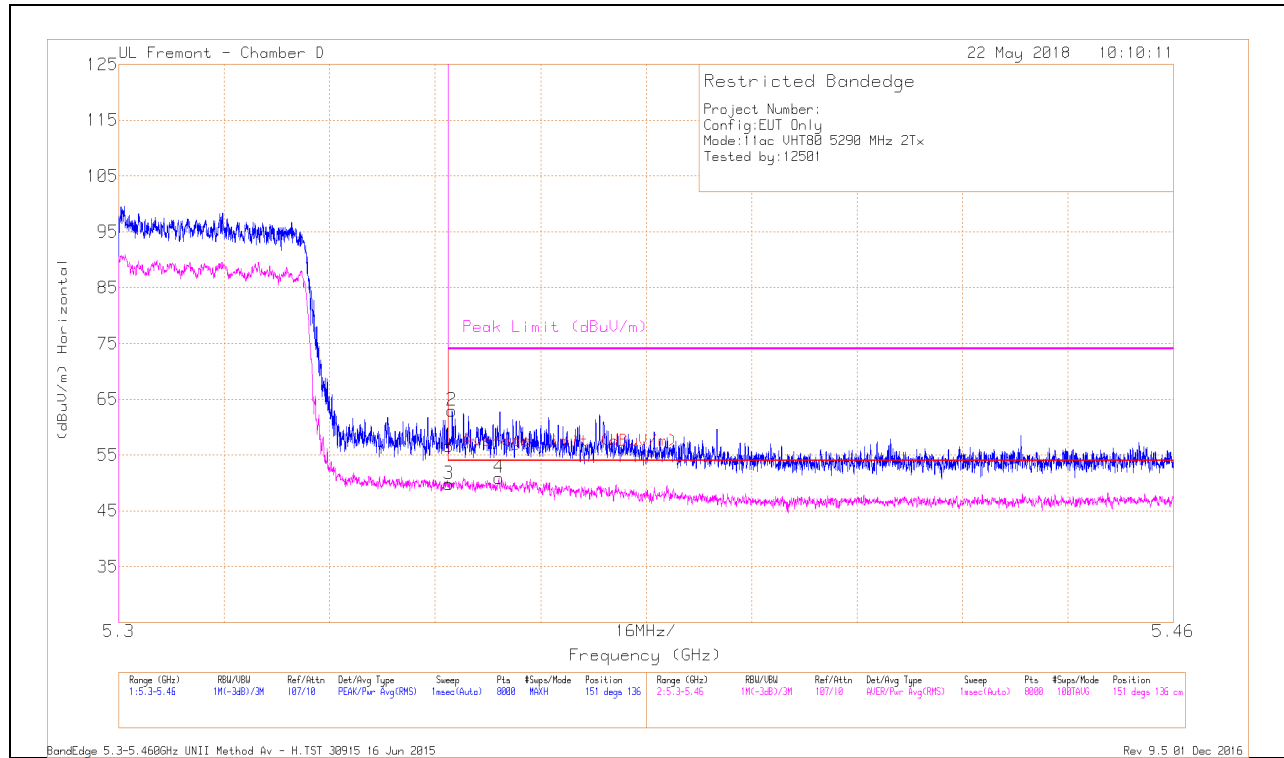


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filt/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	37.52	Pk	34.9	-17.9	-	54.52	-	-	74	-19.48	79	118	V
2	* 5.362	41.57	Pk	34.9	-18	-	58.47	-	-	74	-15.53	79	118	V
3	* 5.35	28.94	RMS	34.9	-17.9	.19	46.13	54	-7.87	-	-	79	118	V
4	* 5.353	30.72	RMS	34.9	-18	.19	47.81	54	-6.19	-	-	79	118	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + ANTENNA 5 CDD MODE**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

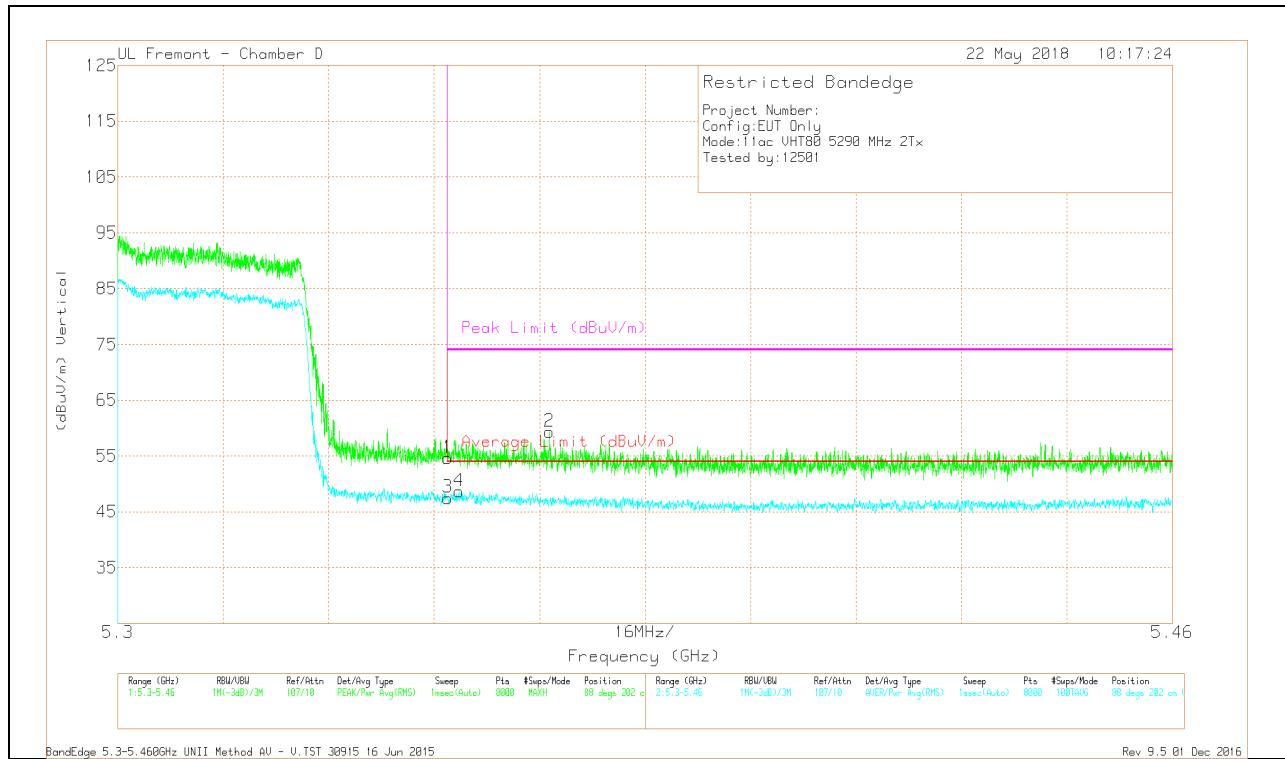
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.63	Pk	34.9	-17.9	0	56.63	-	-	74	-17.37	151	136	H
2	* 5.351	45.9	Pk	34.9	-17.9	0	62.9	-	-	74	-11.1	151	136	H
3	* 5.35	32.59	RMS	34.9	-17.9	.19	49.78	54	-4.22	-	-	151	136	H
4	* 5.358	33.8	RMS	34.9	-18	.19	50.89	54	-3.11	-	-	151	136	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/Cbl/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	37.65	Pk	34.9	-17.9	-	54.65	-	-	74	-19.35	88	202	V
3	* 5.35	30.5	RMS	34.9	-17.9	.19	47.69	54	-6.31	-	-	88	202	V
4	* 5.352	31.7	RMS	34.9	-17.9	.19	48.89	54	-5.11	-	-	88	202	V
2	* 5.365	42.51	Pk	34.9	-18	-	59.41	-	-	74	-14.59	88	202	V

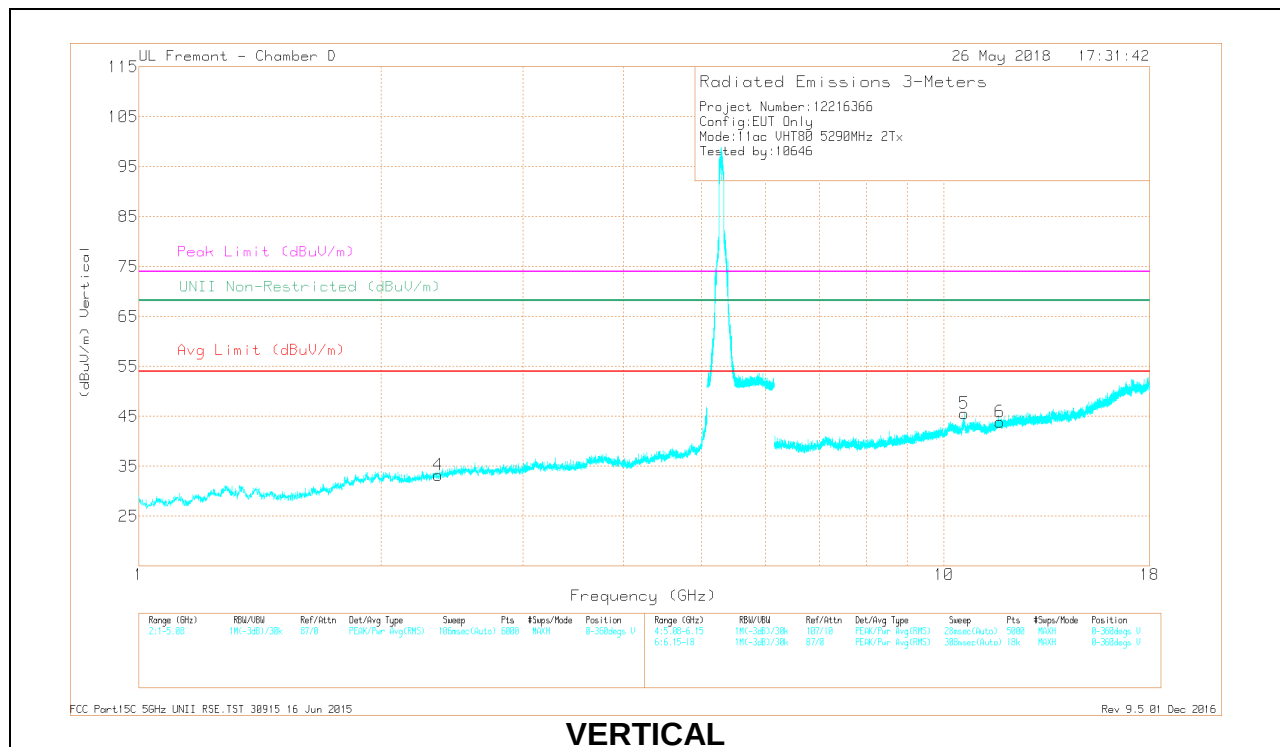
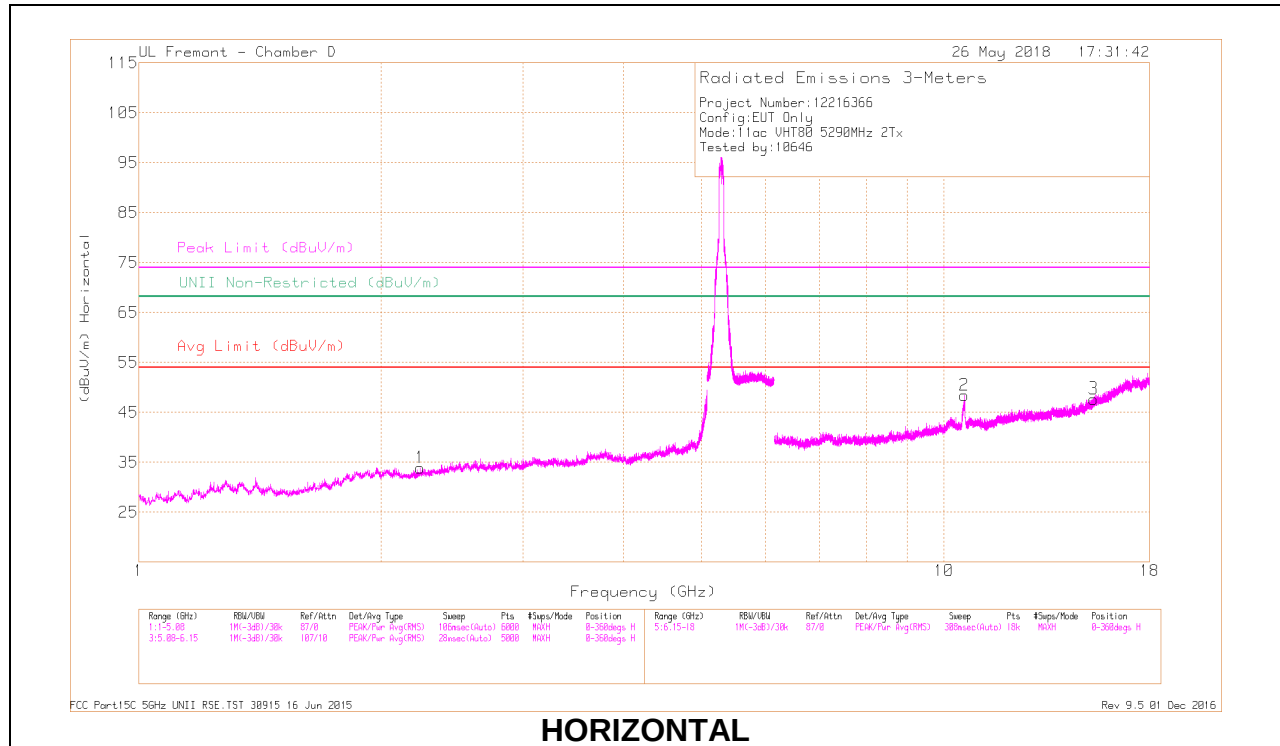
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 2.236	40.27	PK-U	31.4	-30.6	0	41.07	-	-	74	-32.93	-	-	315	259	H
	* 2.234	28	ADR	31.4	-30.6	.19	28.99	54	-25.01	-	-	-	-	315	259	H
4	* 2.354	39.64	PK-U	31.6	-30.1	0	41.14	-	-	74	-32.86	-	-	54	259	V
	* 2.355	28.28	ADR	31.7	-30.1	.19	30.07	54	-23.93	-	-	-	-	54	259	V
6	* 11.567	33.64	PK-U	38.2	-20.7	0	51.14	-	-	74	-22.86	-	-	69	116	H
	* 11.801	21.86	ADR	38.6	-20.7	.19	39.95	54	-14.05	-	-	-	-	69	116	H
2	* 11.72	33.01	PK-U	38.5	-20.4	0	51.11	-	-	74	-22.89	-	-	279	127	V
	* 11.723	21.98	ADR	38.5	-20.4	.19	40.27	54	-13.73	-	-	-	-	279	127	V
5	10.587	34.42	PK-U	37.7	-20.4	0	51.72	-	-	-	-	68.2	-16.48	32	125	V
3	15.33	34.55	PK-U	40.5	-20.7	0	54.35	-	-	-	-	68.2	-13.85	226	358	H

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

PK-U - U-NII: Maximum Peak

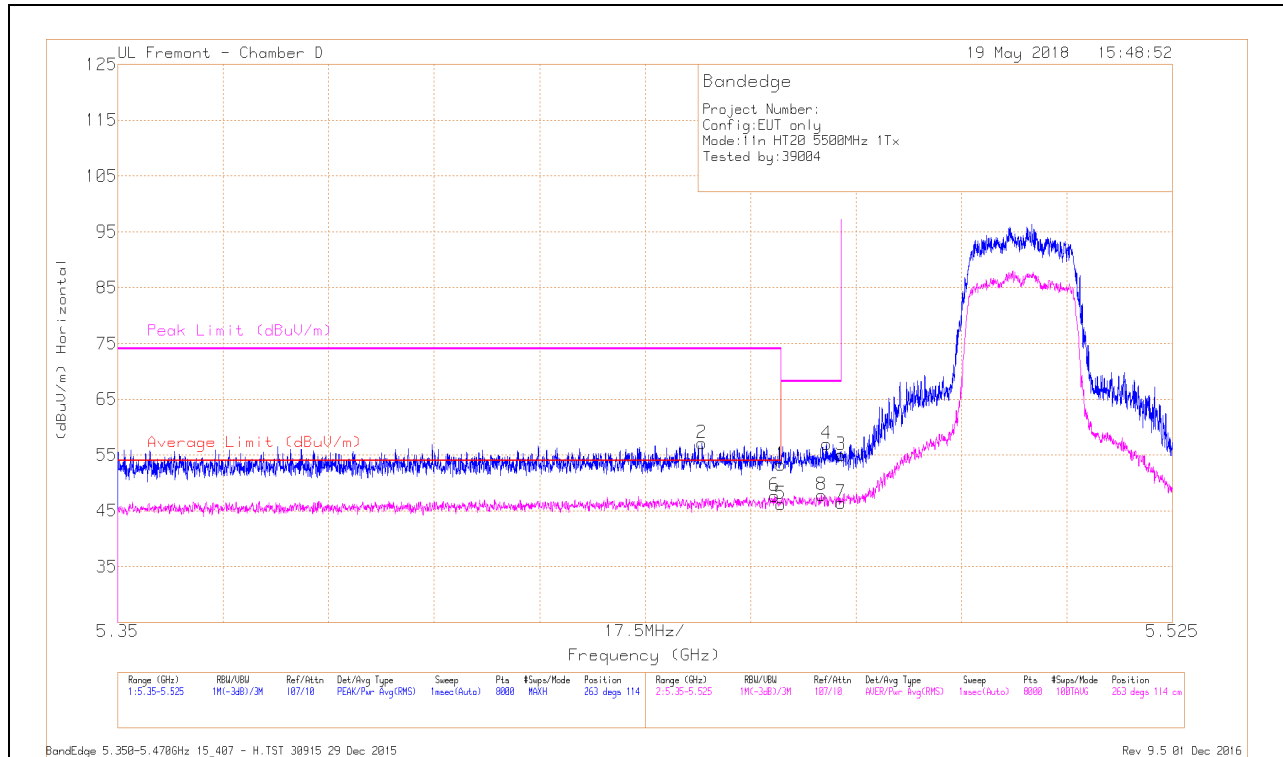
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEGE (LOW CHANNEL)

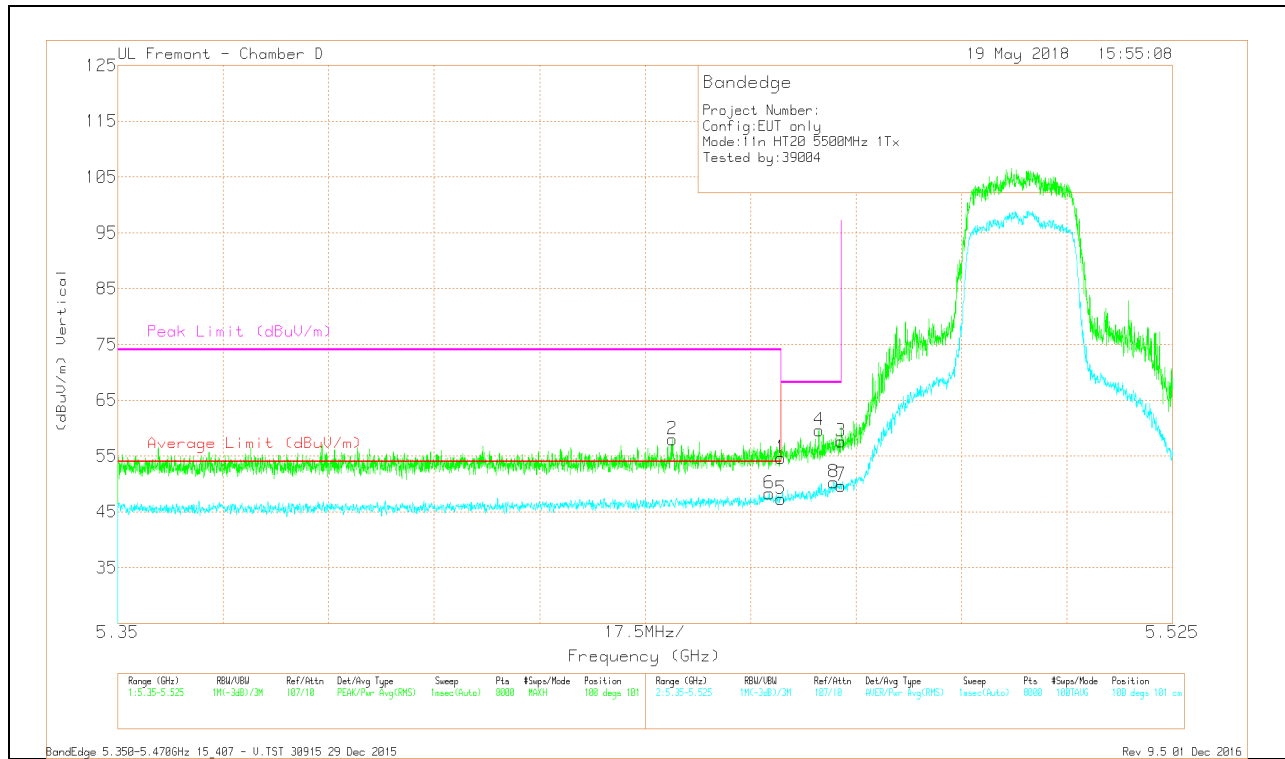
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filt/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	* 5.447	39.89	Pk	34.9	-17.7	57.09	-	-	74	-16.91	263	114	H
6	* 5.459	30.3	RMS	34.9	-17.5	47.7	54	-6.3	-	-	263	114	H
1	* 5.46	35.88	Pk	34.9	-17.5	53.28	-	-	74	-20.72	263	114	H
5	* 5.46	28.83	RMS	34.9	-17.5	46.23	54	-7.77	-	-	263	114	H
8	5.467	30.36	RMS	34.9	-17.5	47.76	-	-	-	-	263	114	H
4	5.468	39.64	Pk	34.9	-17.5	57.04	-	-	68.2	-11.16	263	114	H
3	5.47	37.6	Pk	34.9	-17.5	55	-	-	68.2	-13.2	263	114	H
7	5.47	29.08	RMS	34.9	-17.5	46.48	-	-	-	-	263	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 T136 (dB/m)	Amp/Cb/ Filt/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	* 5.442	40.83	Pk	34.9	-17.7	58.03	-	-	74	-15.97	100	101	V
6	* 5.458	31	RMS	34.9	-17.6	48.3	54	-5.7	-	-	100	101	V
1	* 5.46	37.21	Pk	34.9	-17.5	54.61	-	-	74	-19.39	100	101	V
5	* 5.46	29.89	RMS	34.9	-17.5	47.29	54	-6.71	-	-	100	101	V
4	5.466	42.15	Pk	34.9	-17.5	59.55	-	-	68.2	-8.65	100	101	V
8	5.469	32.9	RMS	34.9	-17.5	50.3	-	-	-	-	100	101	V
3	5.47	40.27	Pk	34.9	-17.5	57.67	-	-	68.2	-10.53	100	101	V
7	5.47	32.33	RMS	34.9	-17.5	49.73	-	-	-	-	100	101	V

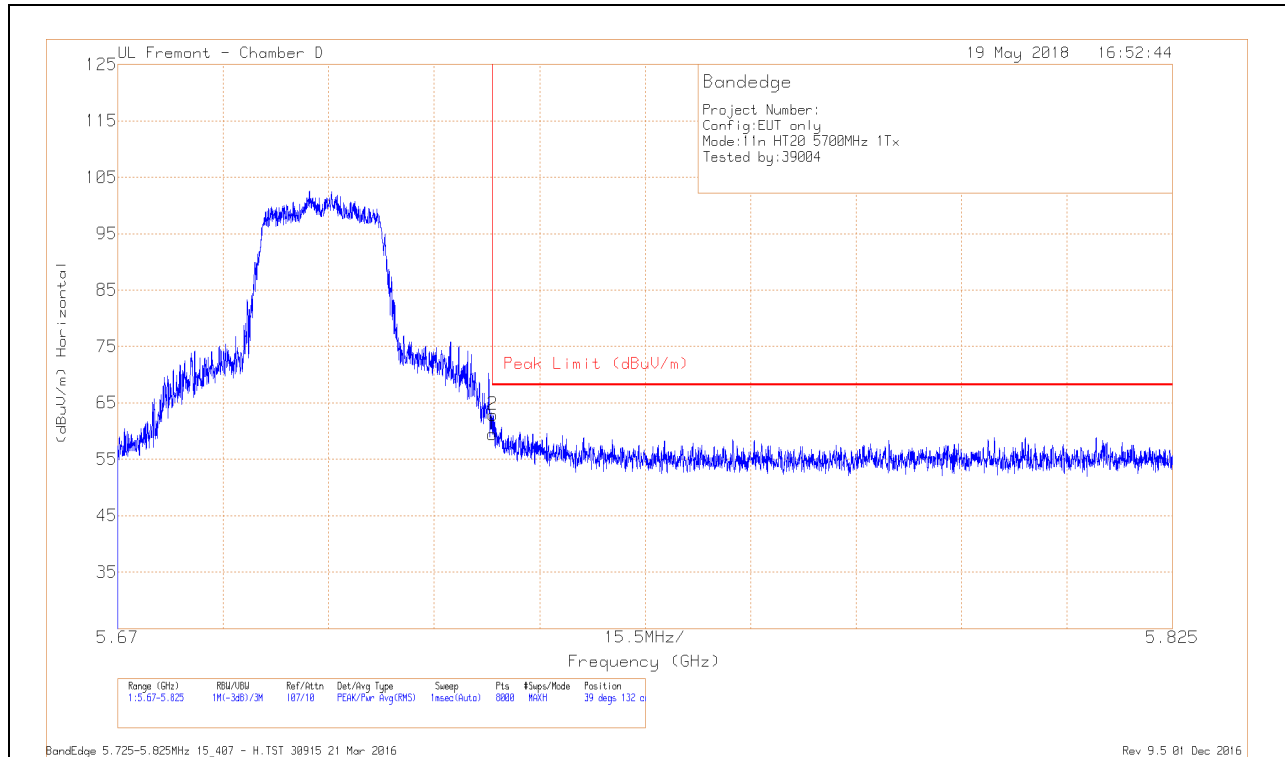
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)

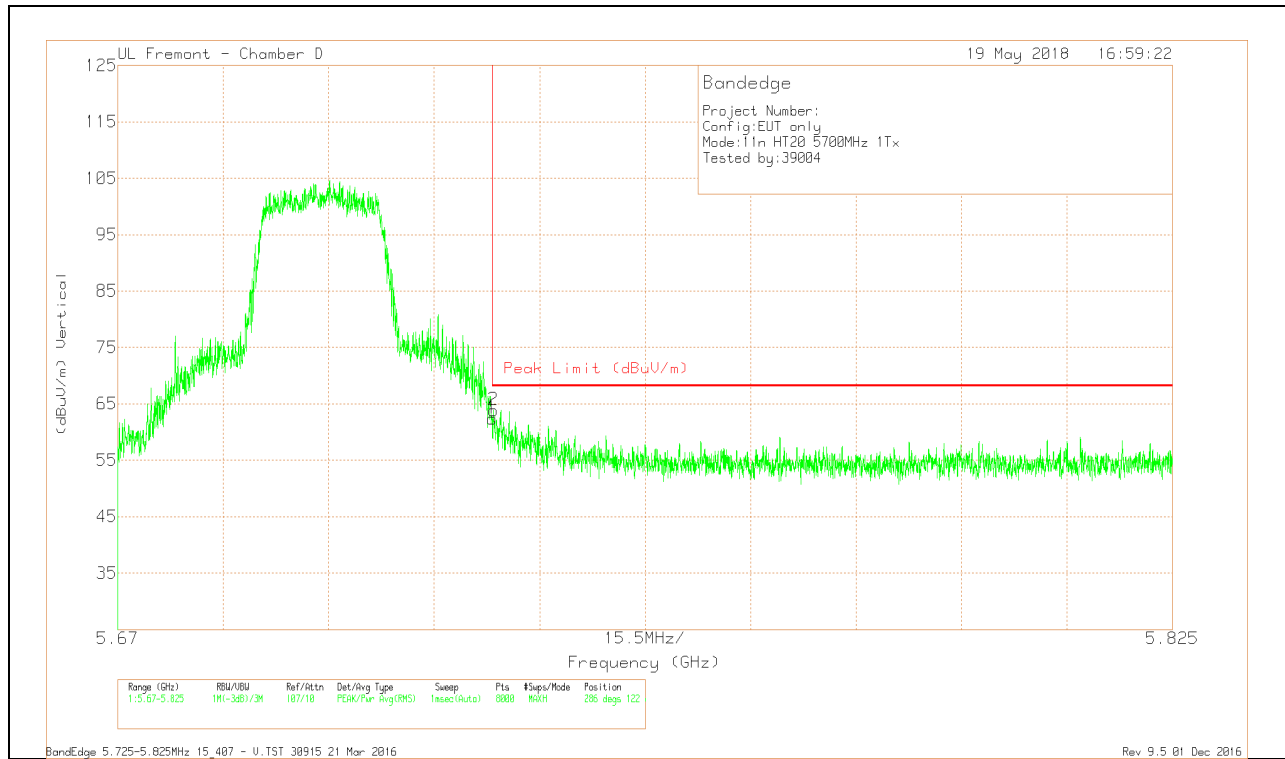
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.92	Pk	35.6	-17.1	59.42	68.2	-8.78	39	132	H
2	5.725	44.38	Pk	35.6	-17.1	62.88	68.2	-5.32	39	132	H

Pk - Peak detector

VERTICAL RESULT



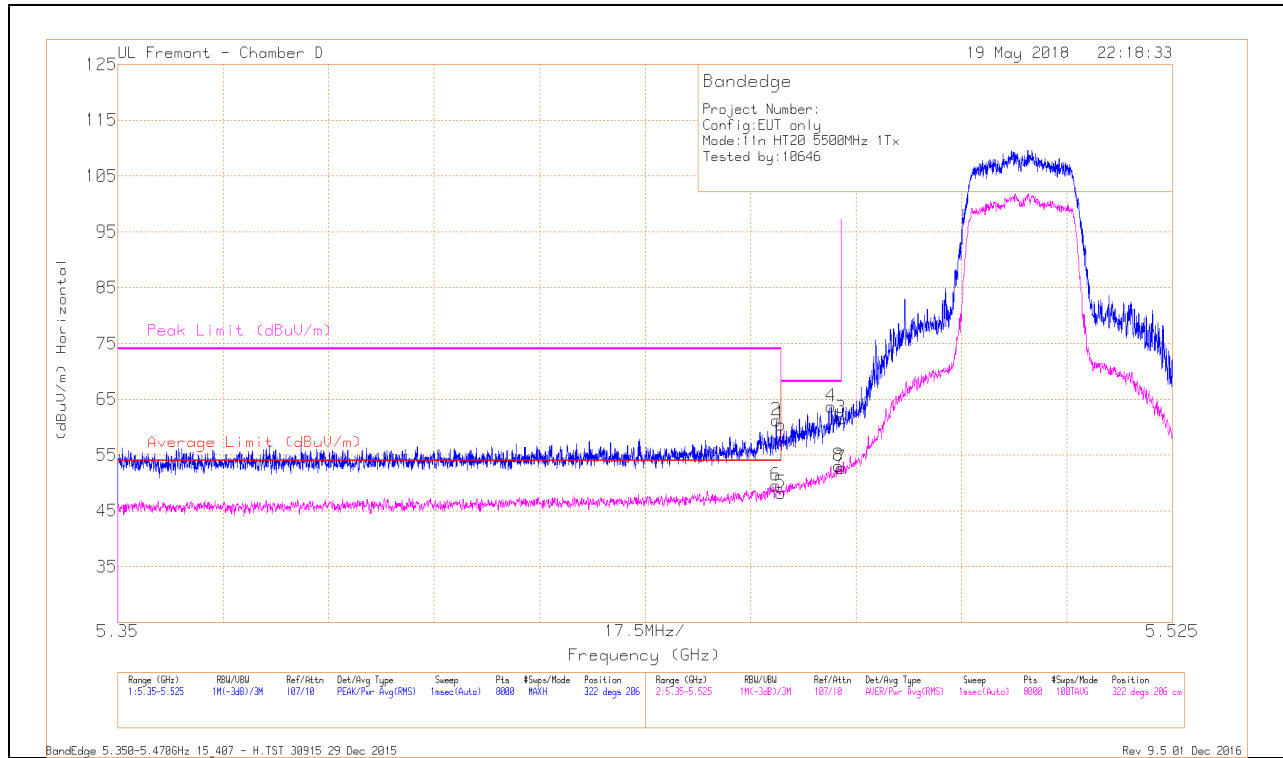
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.93	Pk	35.6	-17.1	62.43	68.2	-5.77	286	122	V
2	5.725	45.37	Pk	35.6	-17.1	63.87	68.2	-4.33	286	122	V

Pk - Peak detector

1TX ANTENNA 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



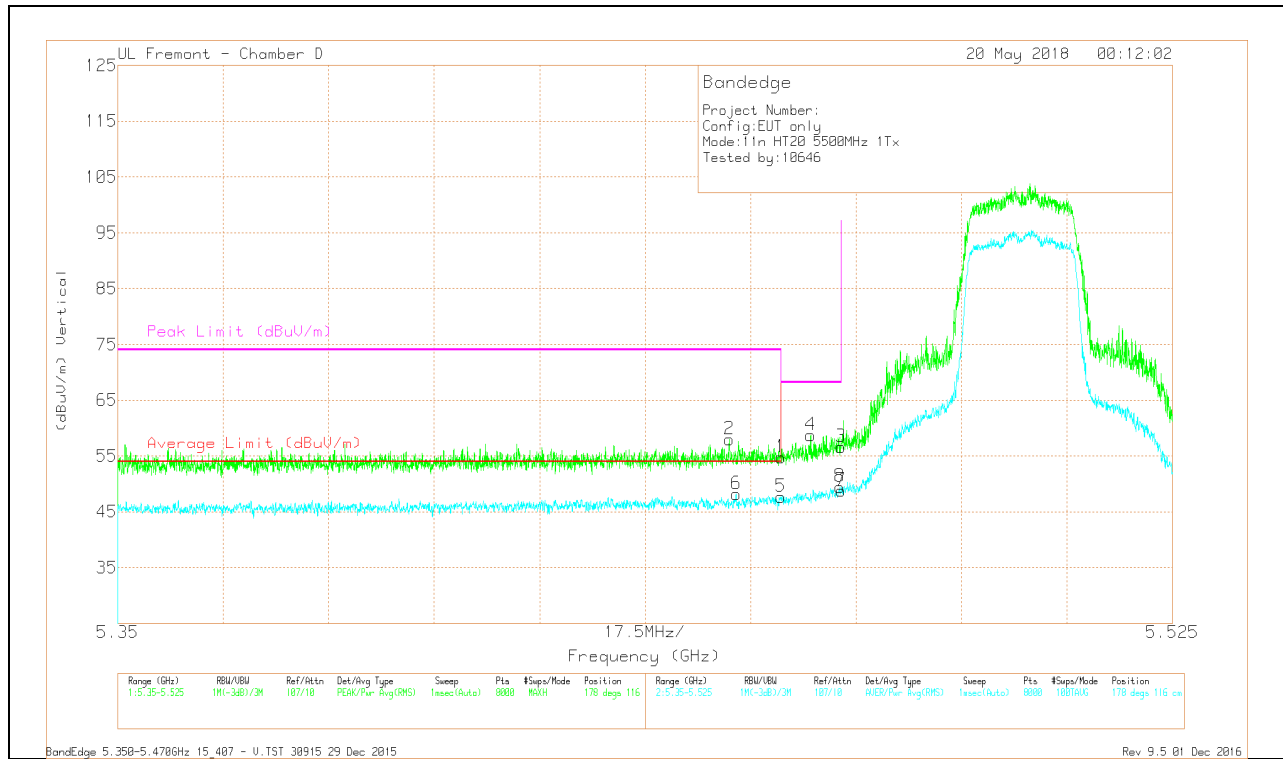
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.459	43.79	Pk	34.9	-17.5	61.19	-	-	74	-12.81	322	206	H
6	* 5.459	32.15	RMS	34.9	-17.5	49.55	54	-4.45	-	-	322	206	H
1	* 5.46	43.09	Pk	34.9	-17.5	60.49	-	-	74	-13.51	322	206	H
5	* 5.46	30.75	RMS	34.9	-17.5	48.15	54	-5.85	-	-	322	206	H
4	5.468	46.26	Pk	34.9	-17.5	63.66	-	-	68.2	-4.54	322	206	H
3	5.47	44.15	Pk	34.9	-17.5	61.55	-	-	68.2	-6.65	322	206	H
7	5.47	35.29	RMS	34.9	-17.5	52.69	-	-	-	-	322	206	H
8	5.47	35.65	RMS	34.9	-17.5	53.05	-	-	-	-	322	206	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 (dBm)	Amp/CbIF/TrPad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.451	40.74	Pk	34.9	-17.6	58.04	-	-	74	-15.96	178	116	V
6	* 5.453	30.92	RMS	34.9	-17.6	48.22	54	-5.78	-	-	178	116	V
1	* 5.46	37.38	Pk	34.9	-17.5	54.78	-	-	74	-19.22	178	116	V
5	* 5.46	30.3	RMS	34.9	-17.5	47.7	54	-6.3	-	-	178	116	V
4	5.465	41.38	Pk	34.9	-17.5	58.78	-	-	68.2	-9.42	178	116	V
3	5.47	39.25	Pk	34.9	-17.5	56.65	-	-	68.2	-11.55	178	116	V
7	5.47	31.4	RMS	34.9	-17.5	48.8	-	-	-	-	178	116	V
8	5.47	32.08	RMS	34.9	-17.5	49.48	-	-	-	-	178	116	V

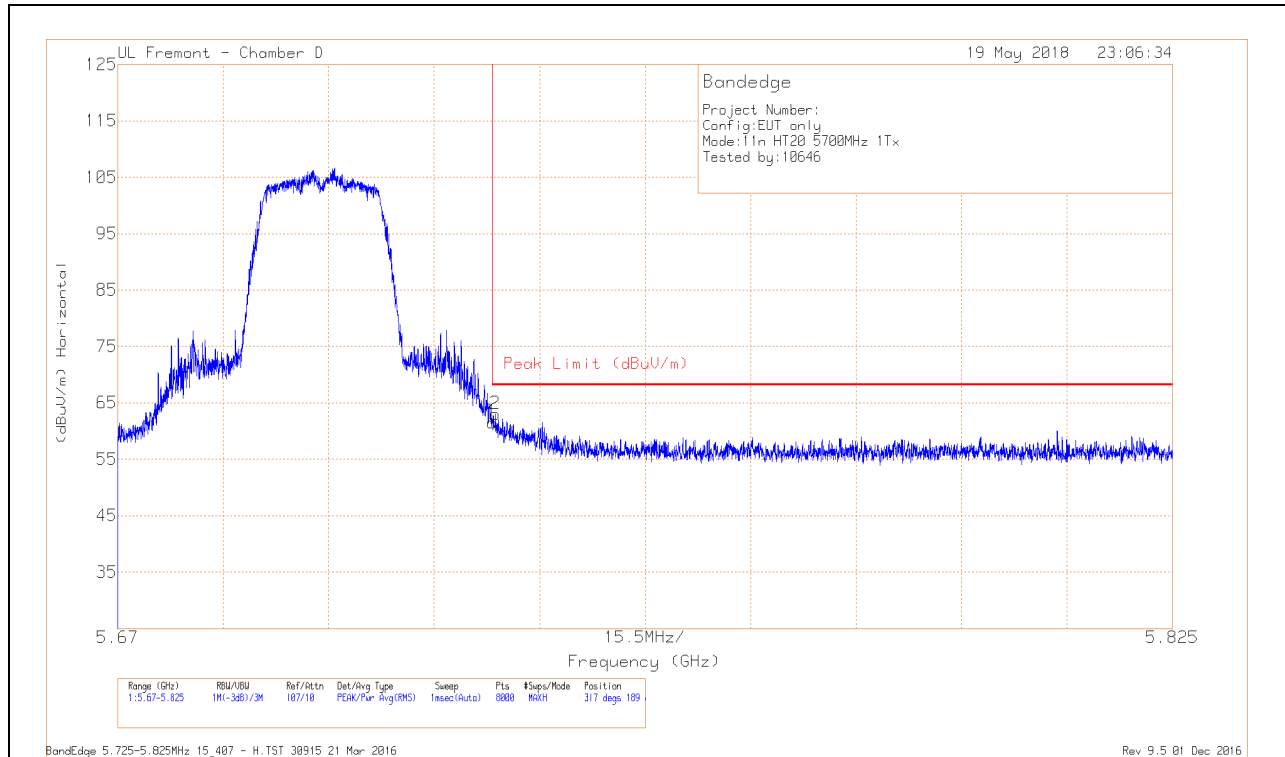
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

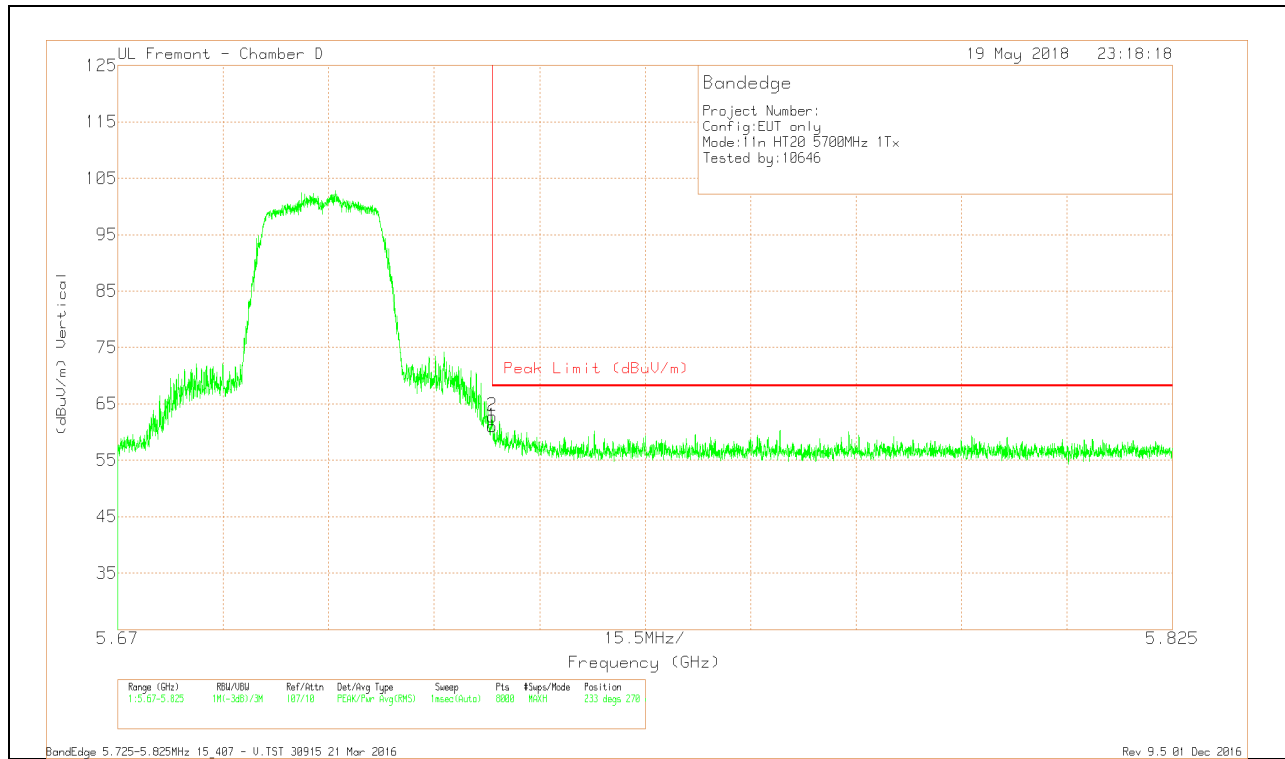
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.06	Pk	35.6	-17.1	61.56	68.2	-6.64	317	189	H
2	5.725	44.54	Pk	35.6	-17.1	63.04	68.2	-5.16	317	189	H

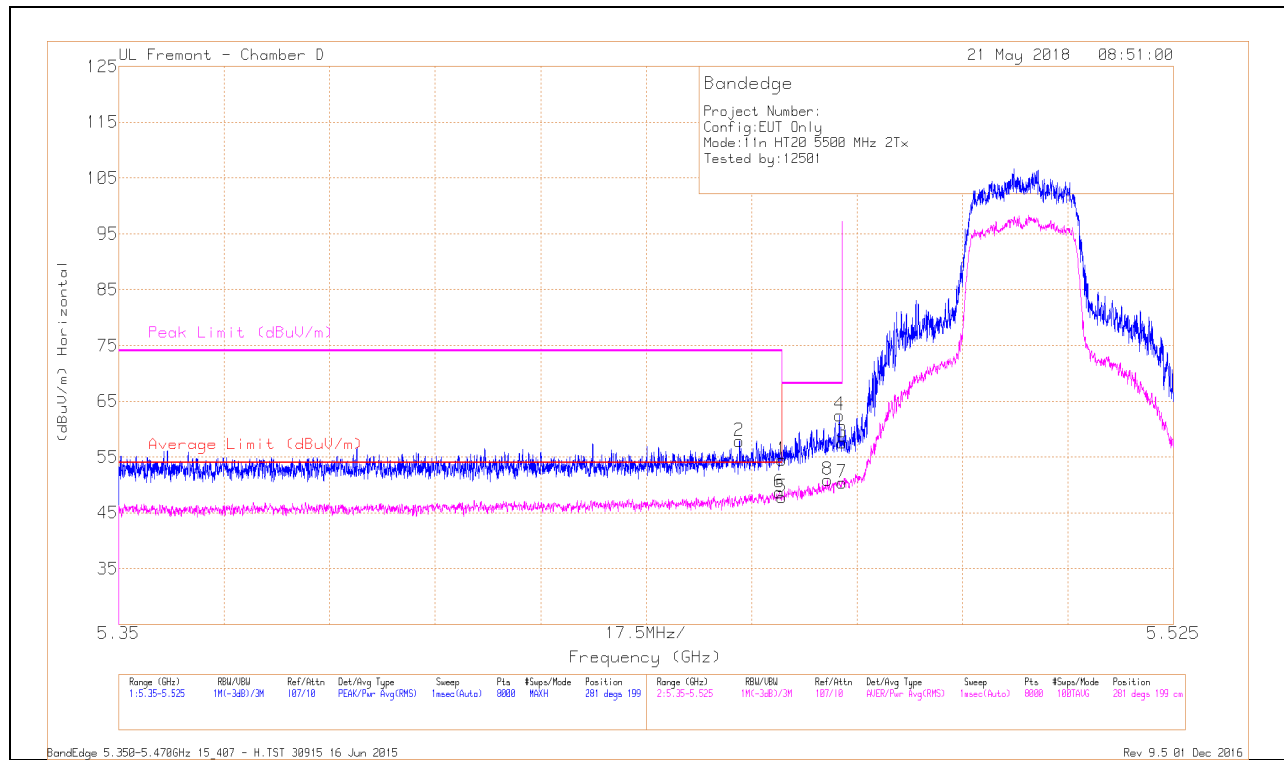
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.5	Pk	35.6	-17.1	61	68.2	-7.2	233	270	V
2	5.725	44.33	Pk	35.6	-17.1	62.83	68.2	-5.37	233	270	V

Pk - Peak detector

2TX Antenna 4 + ANTENNA 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

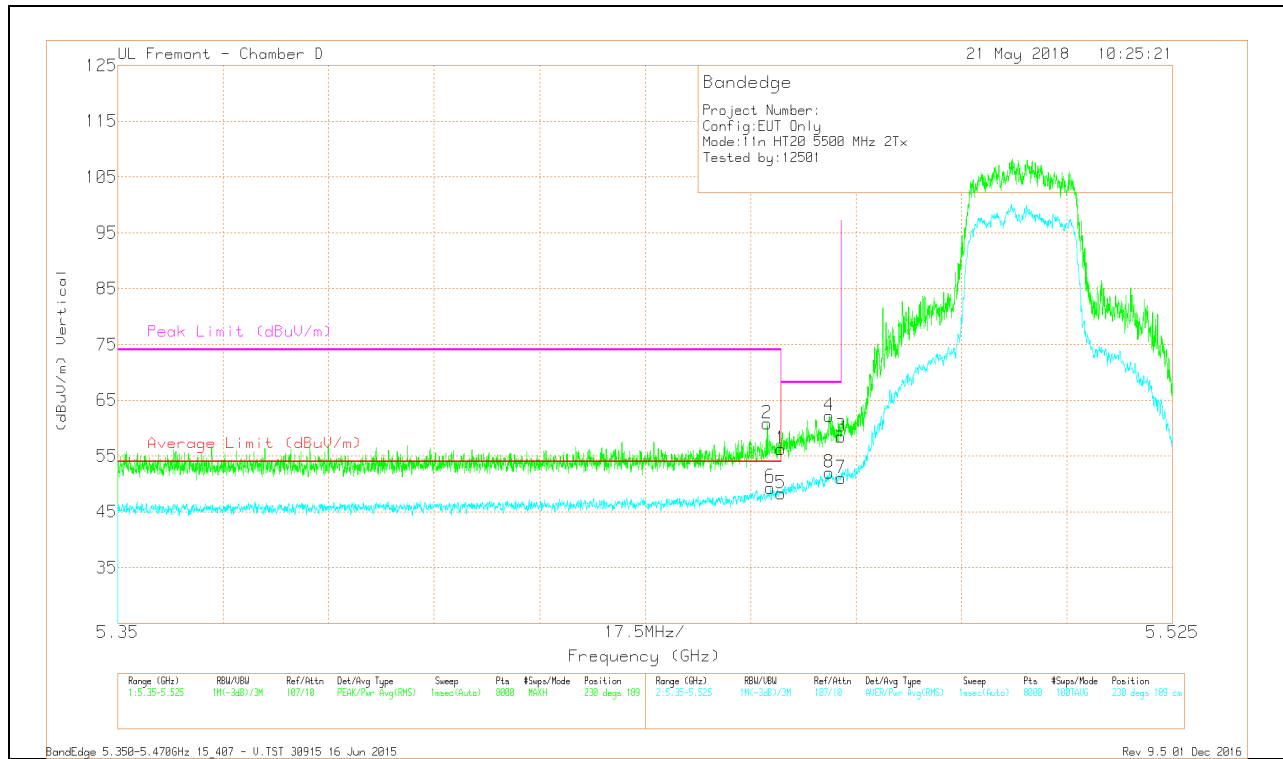
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.1	Pk	34.9	-17.5	54.5	-	-	74	-19.5	281	199	H
2	* 5.453	40.59	Pk	34.9	-17.6	57.89	-	-	74	-16.11	281	199	H
5	* 5.46	30.46	RMS	34.9	-17.5	47.86	54	-6.14	-	-	281	199	H
6	* 5.46	31.32	RMS	34.9	-17.5	48.72	54	-5.28	-	-	281	199	H
8	5.468	33.54	RMS	34.9	-17.5	50.94	-	-	-	-	281	199	H
3	5.47	40.27	Pk	34.9	-17.5	57.67	-	-	68.2	-10.53	281	199	H
4	5.47	45.12	Pk	34.9	-17.5	62.52	-	-	68.2	-5.68	281	199	H
7	5.47	33	RMS	34.9	-17.5	50.4	-	-	-	-	281	199	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

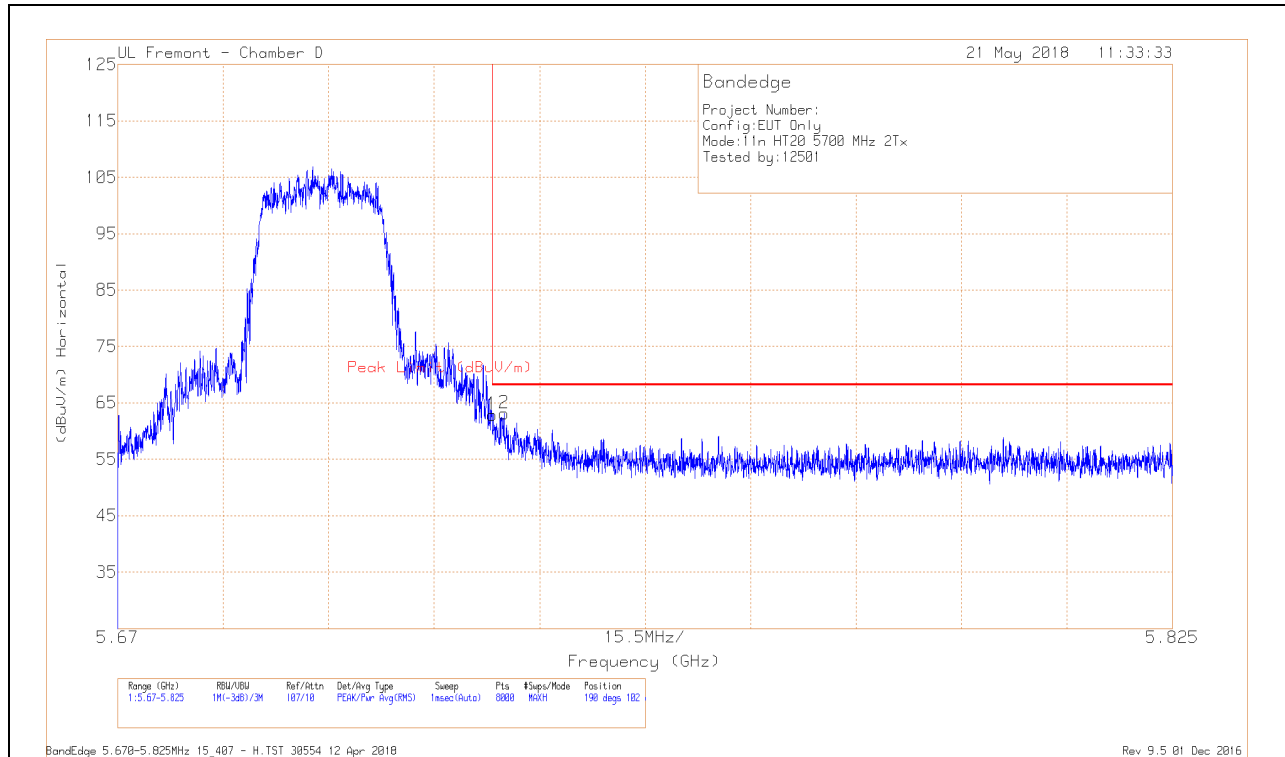


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.458	43.55	Pk	34.9	-17.6	60.85	-	-	74	-13.15	230	189	V
6	* 5.458	32.06	RMS	34.9	-17.6	49.36	54	-4.64	-	-	230	189	V
1	* 5.46	38.8	Pk	34.9	-17.5	56.2	-	-	74	-17.8	230	189	V
5	* 5.46	30.94	RMS	34.9	-17.5	48.34	54	-5.66	-	-	230	189	V
4	5.468	44.82	Pk	34.9	-17.5	62.22	-	-	68.2	-5.98	230	189	V
8	5.468	34.62	RMS	34.9	-17.5	52.02	-	-	-	-	230	189	V
3	5.47	41.09	Pk	34.9	-17.5	58.49	-	-	68.2	-9.71	230	189	V
7	5.47	33.58	RMS	34.9	-17.5	50.98	-	-	-	-	230	189	V

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

BANDEDGE (HIGH CHANNEL)

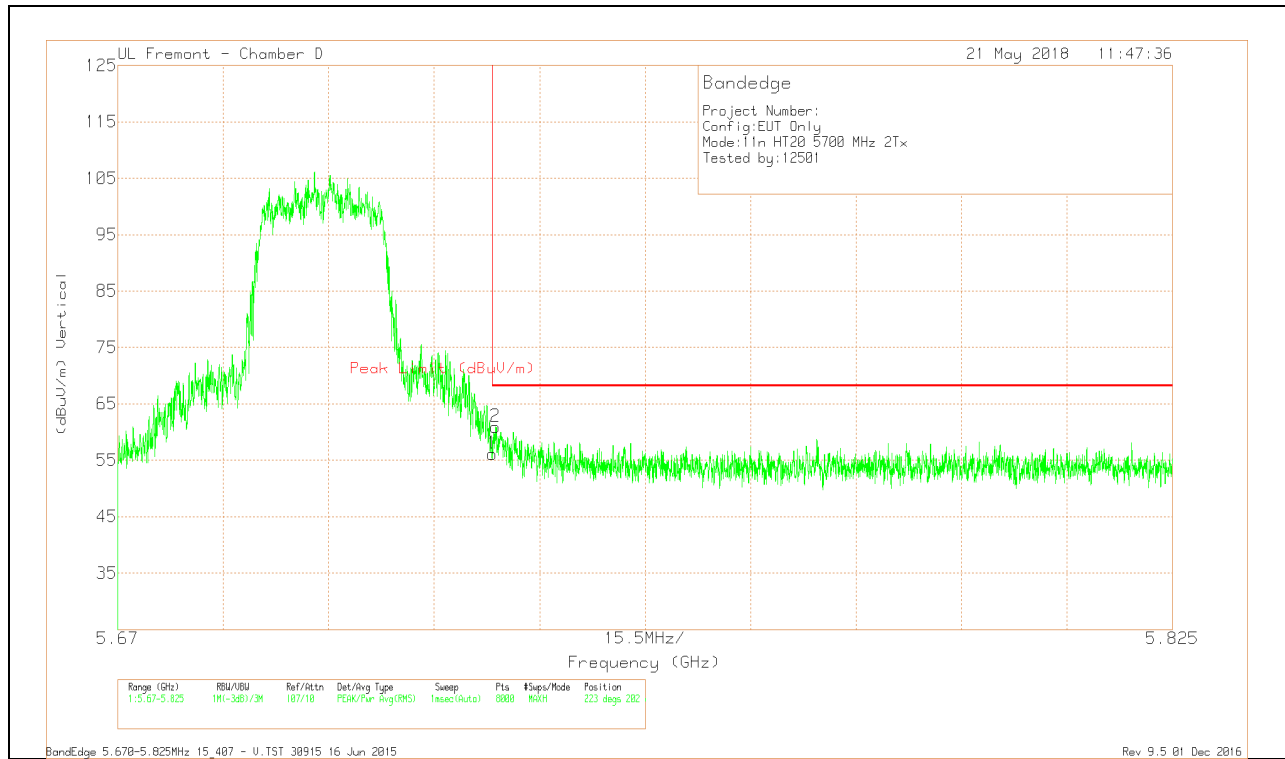
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.37	Pk	35.6	-17.1	62.87	68.2	-5.33	190	102	H
2	5.727	44.58	Pk	35.6	-17.1	63.08	68.2	-5.12	190	102	H

Pk - Peak detector

VERTICAL RESULT

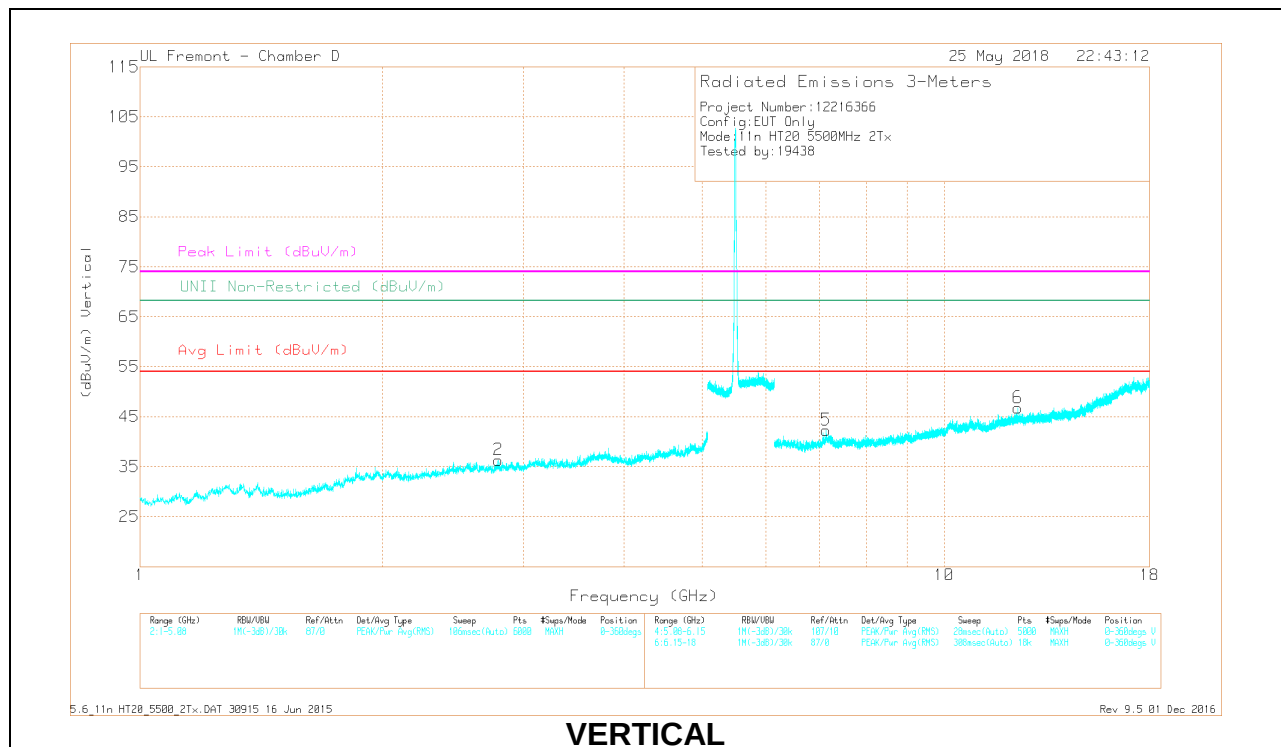
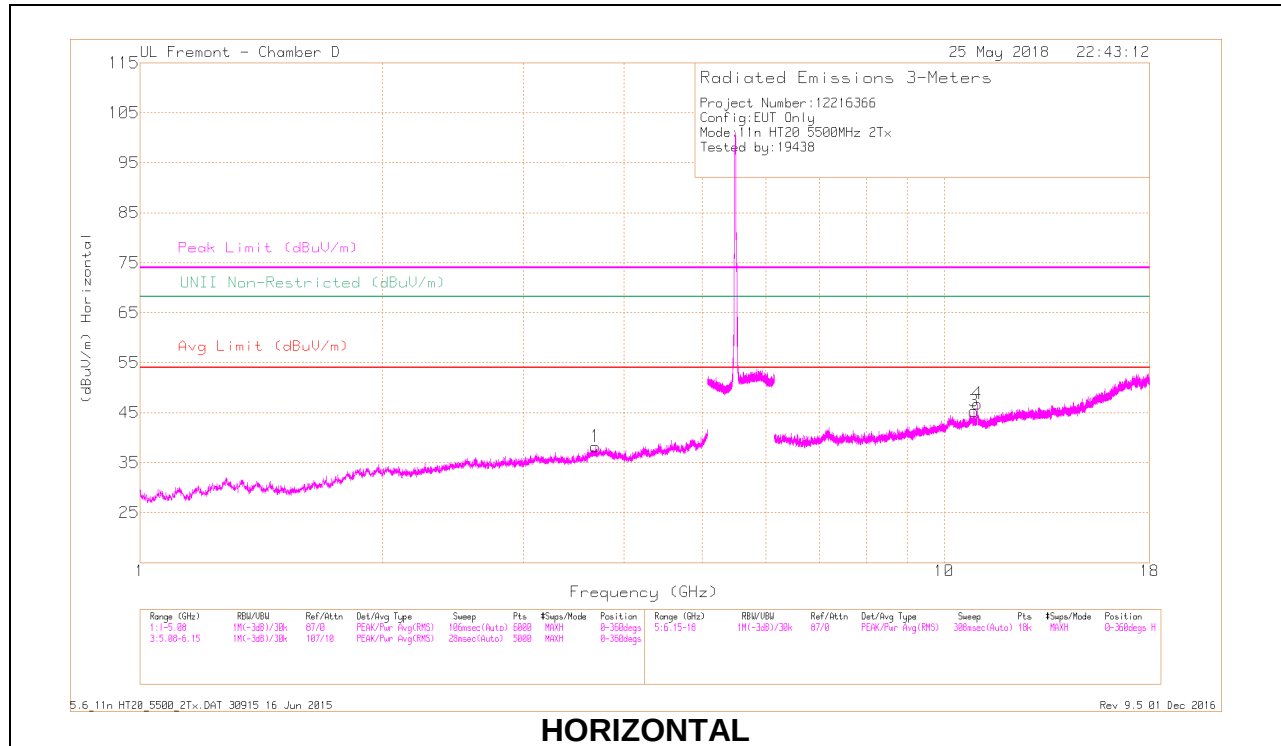


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.69	Pk	35.6	-17.1	56.19	68.2	-12.01	223	202	V
2	5.726	42.48	Pk	35.6	-17.1	60.98	68.2	-7.22	223	202	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

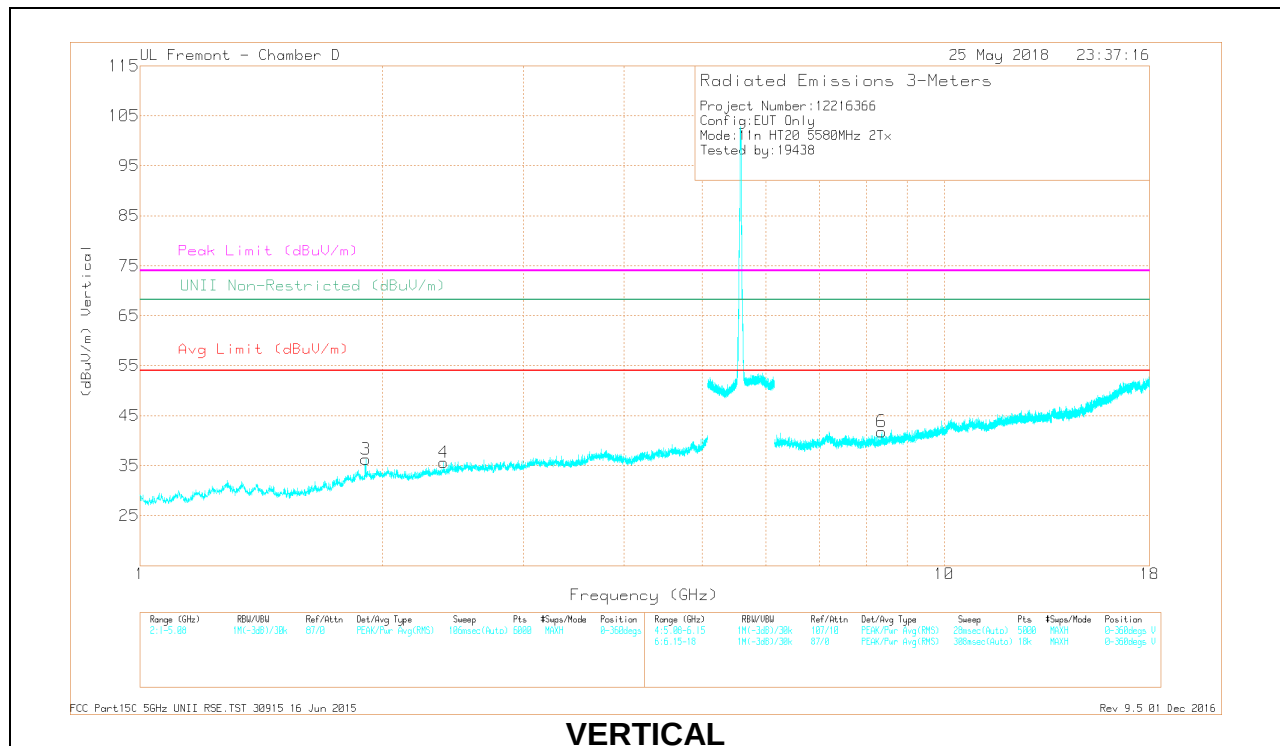
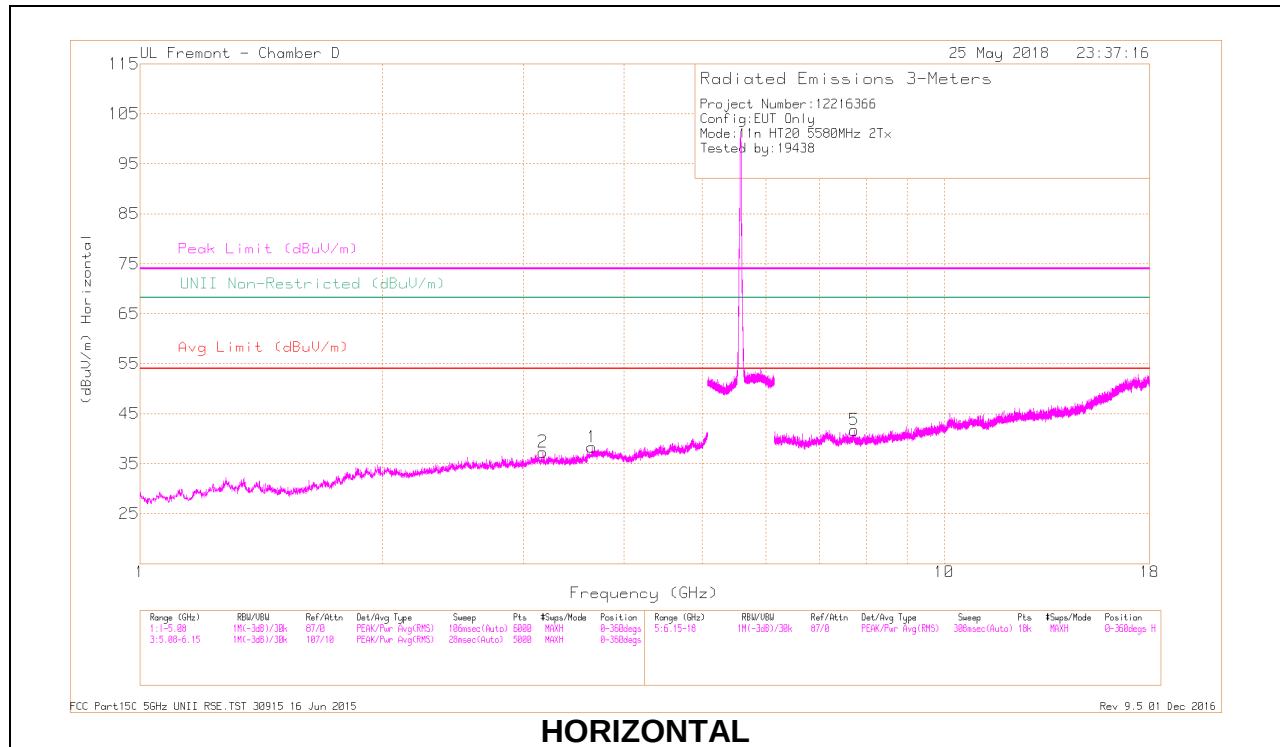
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.677	39.75	PK-U	33.6	-28.8	44.55	-	-	74	-29.45	-	-	260	112	H
	* 3.695	26.8	ADR	33.4	-28.9	31.3	54	-22.7	-	-	-	-	260	112	H
2	* 2.775	40.82	PK-U	32.6	-29.5	43.92	-	-	74	-30.08	-	-	164	205	V
	* 2.775	28.4	ADR	32.6	-29.5	31.5	54	-22.5	-	-	-	-	164	205	V
3	* 10.876	33.46	PK-U	37.7	-20.5	50.66	-	-	74	-23.34	-	-	243	115	H
	* 10.878	22.5	ADR	37.7	-20.6	39.6	54	-14.4	-	-	-	-	243	115	H
4	* 10.994	36.37	PK-U	37.8	-20.6	53.57	-	-	74	-20.43	-	-	360	195	H
	* 10.999	24.47	ADR	37.8	-20.5	41.77	54	-12.23	-	-	-	-	360	195	H
6	* 12.332	33.8	PK-U	38.9	-20.8	51.9	-	-	74	-22.1	-	-	82	130	V
	* 12.32	22.44	ADR	38.9	-20.9	40.44	54	-13.56	-	-	-	-	82	130	V
5	7.114	35.73	PK-U	36.3	-24.2	47.83	-	-	-	-	68.2	-20.37	62	197	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

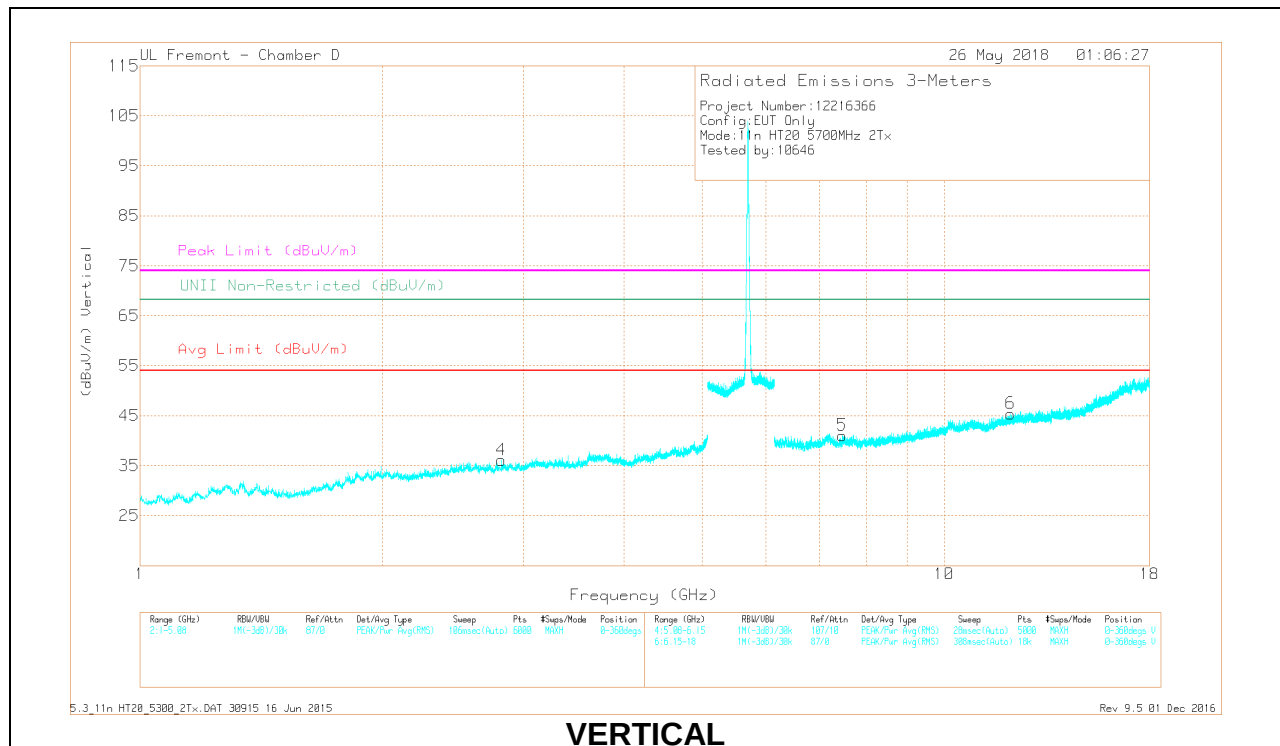
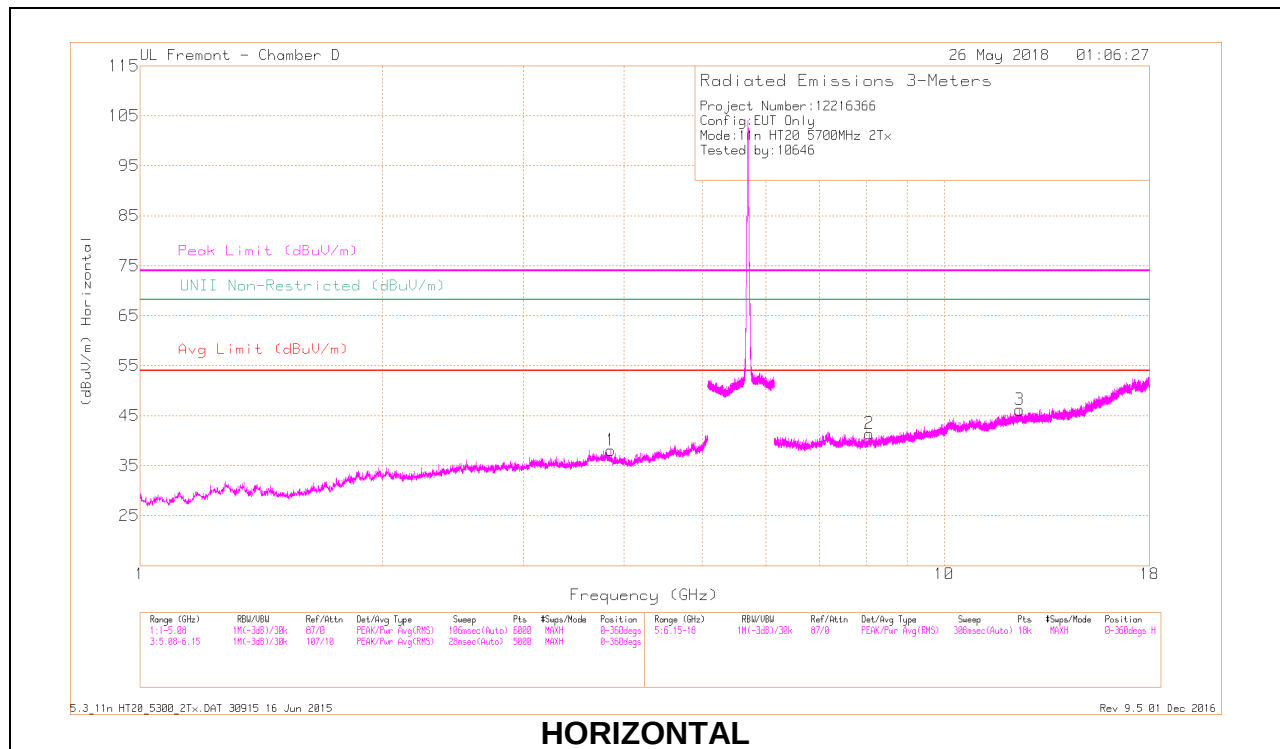
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.63	37.86	PK-U	33.6	-28.8	42.66	-	-	74	-31.34	-	-	46	212	H
	* 3.641	26.74	ADR	33.7	-28.9	31.54	54	-22.46	-	-	-	-	46	212	H
4	* 2.379	40	PK-U	31.8	-30	41.8	-	-	74	-32.2	-	-	245	103	V
	* 2.379	28.25	ADR	31.8	-30	30.05	54	-23.95	-	-	-	-	245	103	V
5	* 7.715	35.78	PK-U	36	-23.7	46.06	-	-	74	-25.92	-	-	140	134	H
	* 7.715	24.6	ADR	36	-23.7	36.9	54	-17.1	-	-	-	-	140	134	H
6	* 8.35	35.07	PK-U	35.8	-23.1	47.77	-	-	74	-26.23	-	-	165	223	V
	* 8.341	23.23	ADR	35.8	-23.2	35.83	54	-18.17	-	-	-	-	165	223	V
3	1.905	43.42	PK-U	31.5	-31	43.92	-	-	-	-	68.2	-24.28	254	135	V
2	3.177	39.35	PK-U	32.8	-28.7	43.45	-	-	-	-	68.2	-24.75	80	280	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

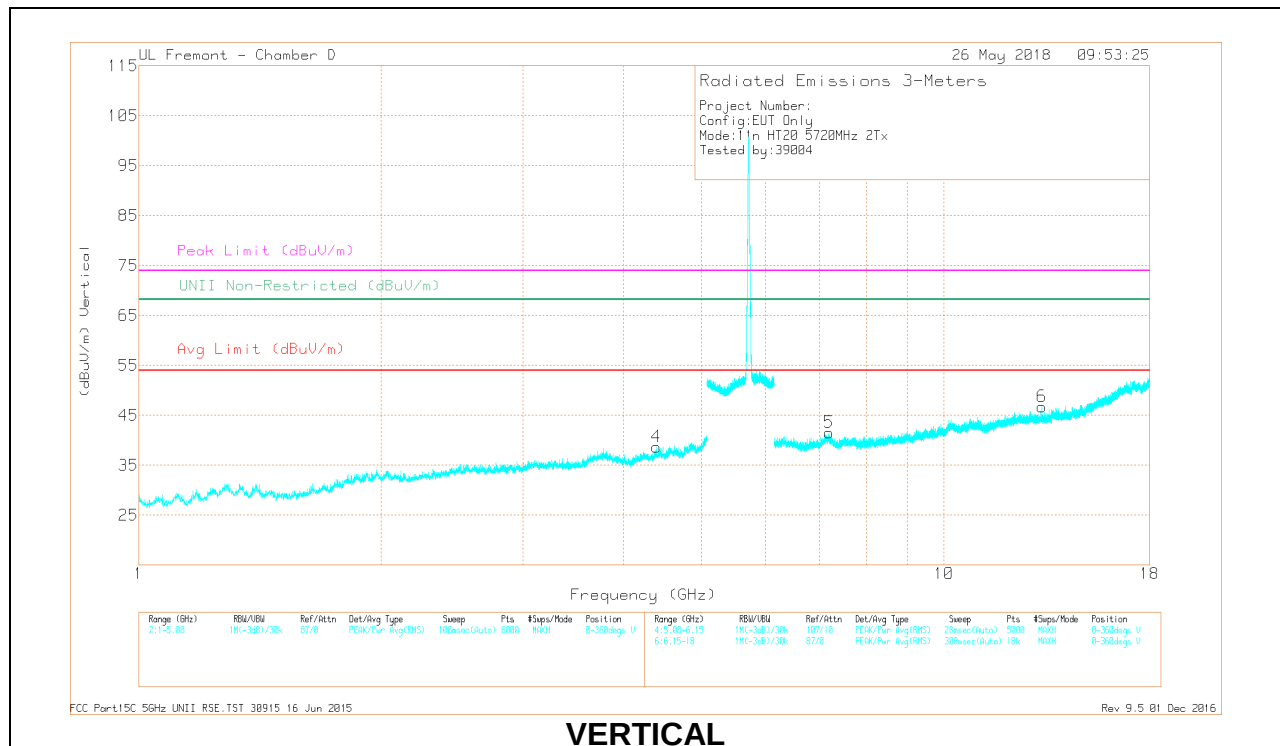
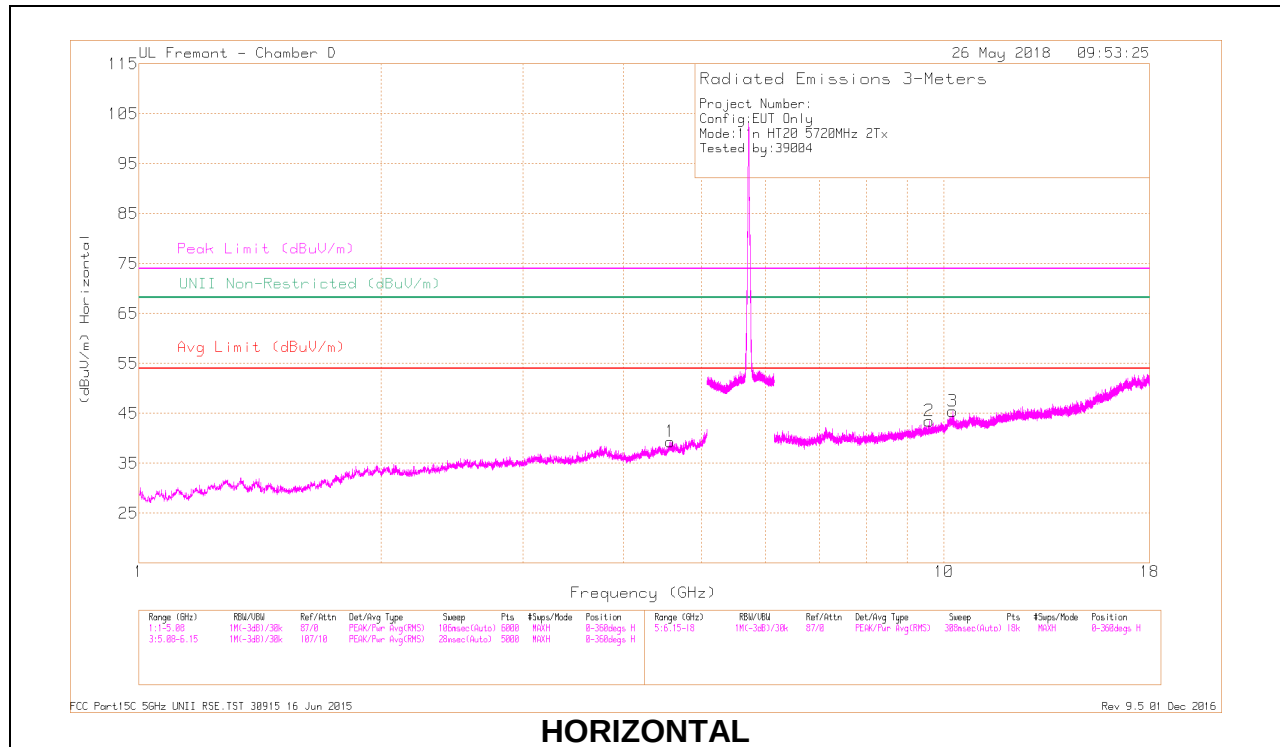
Markers	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.851	38.32	PK-U	33.6	-28.5	43.42	-	-	74	-30.58	176	227	H
	* 3.852	26.86	ADR	33.6	-28.5	31.96	54	-22.04	-	-	176	227	H
4	* 2.813	39.35	PK-U	32.6	-29.2	42.75	-	-	74	-31.25	270	321	V
	* 2.815	27.28	ADR	32.6	-29.2	30.68	54	-23.32	-	-	270	321	V
2	* 8.071	35.14	PK-U	35.8	-23.7	47.24	-	-	74	-26.76	354	363	H
	* 8.069	23.76	ADR	35.8	-23.7	35.86	54	-18.14	-	-	354	363	H
3	* 12.405	34.35	PK-U	38.9	-20.2	53.05	-	-	74	-20.95	28	142	H
	* 12.407	22.12	ADR	38.9	-20.3	40.72	54	-13.28	-	-	28	142	H
5	* 7.474	35.98	PK-U	36.3	-23.9	48.38	-	-	74	-25.62	193	283	V
	* 7.472	23.62	ADR	36.3	-24	35.92	54	-18.08	-	-	193	283	V
6	* 12.096	33.94	PK-U	38.9	-20.9	51.94	-	-	74	-22.06	31	392	V
	* 12.098	22.01	ADR	38.9	-20.8	40.11	54	-13.89	-	-	31	392	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unl Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.569	37.63	PK-U	34.6	-27	45.23	-	-	74	-28.77	-	-	204	179	H
	* 4.566	26.28	ADR	34.6	-27.1	33.78	54	-20.22	-	-	-	-	204	179	H
4	* 4.389	37.76	PK-U	34.1	-27.2	44.66	-	-	74	-29.34	-	-	198	225	V
	* 4.389	26.03	ADR	34.1	-27.2	32.93	54	-21.07	-	-	-	-	198	225	V
5	7.203	35	PK-U	36.3	-23.4	47.9	-	-	-	-	68.2	-20.3	199	281	V
2	9.583	33.54	PK-U	36.7	-21.3	48.94	-	-	-	-	68.2	-19.26	148	155	H
3	10.245	33.59	PK-U	37.5	-20.2	50.89	-	-	-	-	68.2	-17.31	205	116	H
6	13.236	34.38	PK-U	39.1	-21.6	51.88	-	-	-	-	68.2	-16.32	188	179	V

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

PK-U - U-NII: Maximum Peak

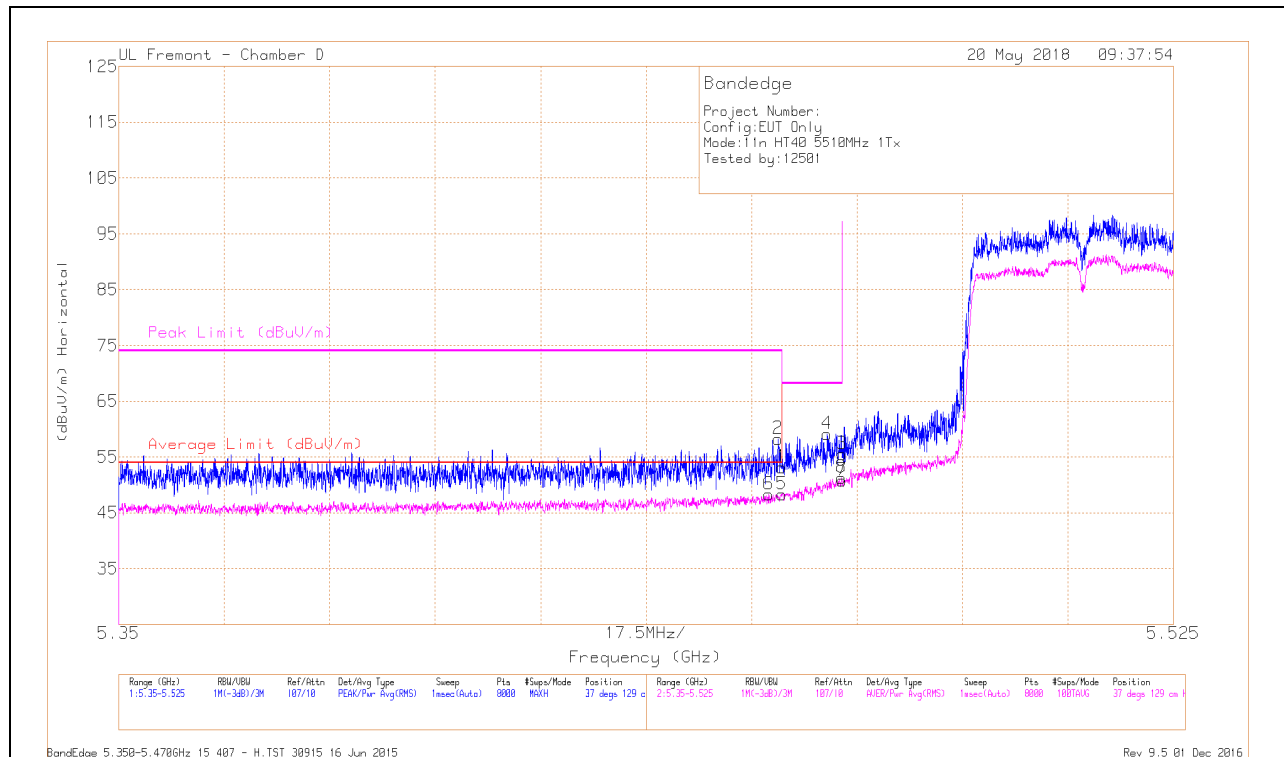
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



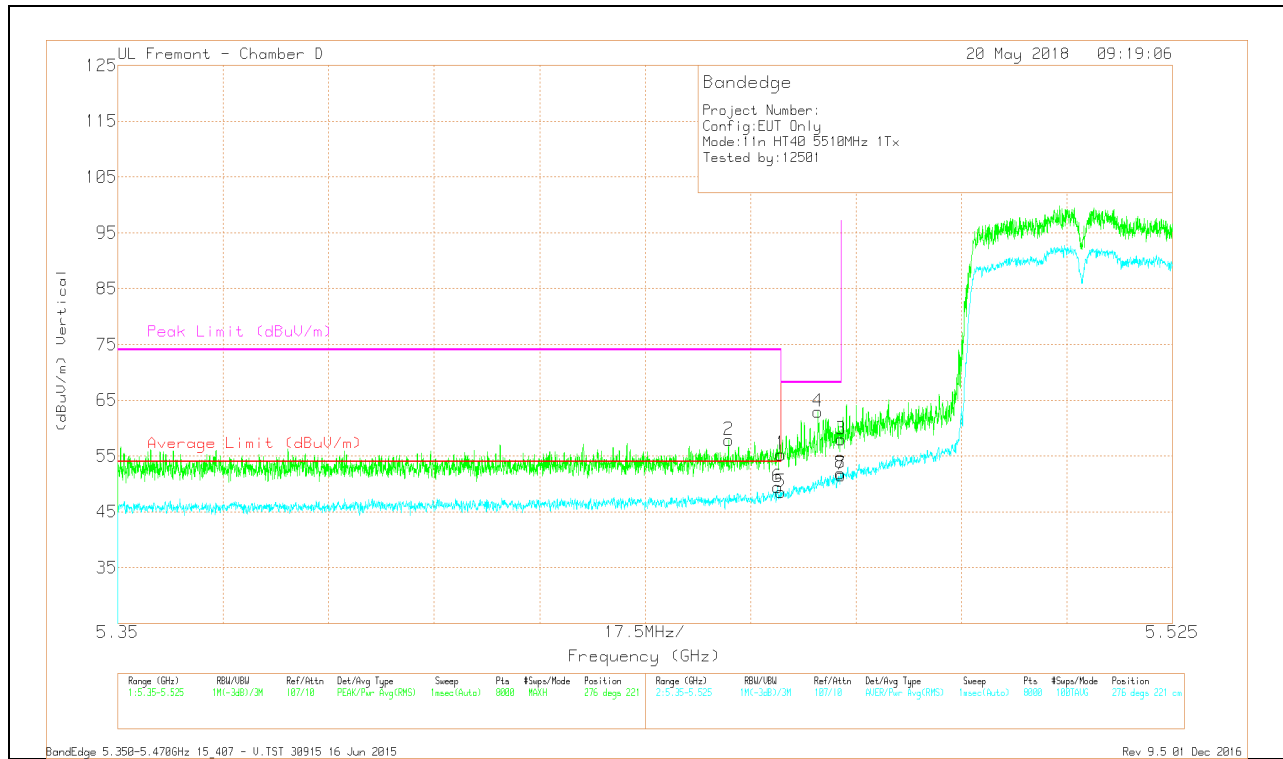
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.458	30.92	RMS	34.9	-17.6	.10	48.32	54	-5.68	-	-	37	129	H
2	* 5.459	40.88	Pk	34.9	-17.5	0	58.28	-	-	74	-15.72	37	129	H
1	* 5.46	35.76	Pk	34.9	-17.5	0	53.16	-	-	74	-20.84	37	129	H
5	* 5.46	30.82	RMS	34.9	-17.5	.10	48.32	54	-5.68	-	-	37	129	H
4	5.468	41.72	Pk	34.9	-17.5	0	59.12	-	-	68.2	-9.08	37	129	H
3	5.47	38.05	Pk	34.9	-17.5	0	55.45	-	-	68.2	-12.75	37	129	H
7	5.47	33.23	RMS	34.9	-17.5	.10	50.73	-	-	-	-	37	129	H
8	5.47	33.81	RMS	34.9	-17.5	.10	51.31	-	-	-	-	37	129	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 T136 (dBim)	Amp/Cntrl/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuVim)	Average Limit (dBuVim)	Margin (dB)	Peak Limit (dBuVim)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.92	Pk	34.9	-17.5	0	55.32	-	-	74	-18.68	276	221	V
2	* 5.451	40.56	Pk	34.9	-17.6	0	57.86	-	-	74	-16.14	276	221	V
5	* 5.46	31	RMS	34.9	-17.5	.10	48.50	54	-5.50	-	-	276	221	V
6	* 5.459	31.86	RMS	34.9	-17.5	.10	49.36	54	-4.64	-	-	276	221	V
4	5.466	45.57	Pk	34.9	-17.5	0	62.97	-	-	68.2	-5.23	276	221	V
3	5.47	40.57	Pk	34.9	-17.5	0	57.97	-	-	68.2	-10.23	276	221	V
7	5.47	34.09	RMS	34.9	-17.5	.10	51.5	-	-	-	-	276	221	V
8	5.47	34.36	RMS	34.9	-17.5	.10	51.86	-	-	-	-	276	221	V

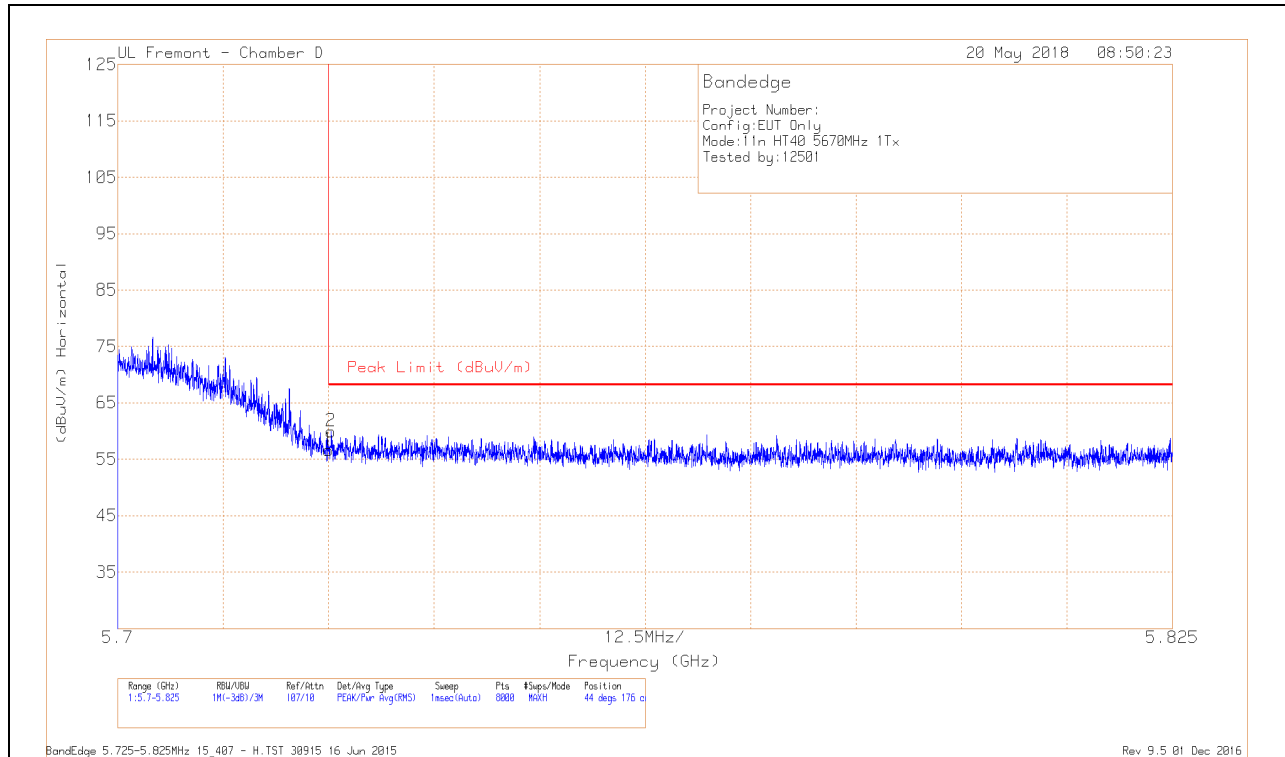
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)

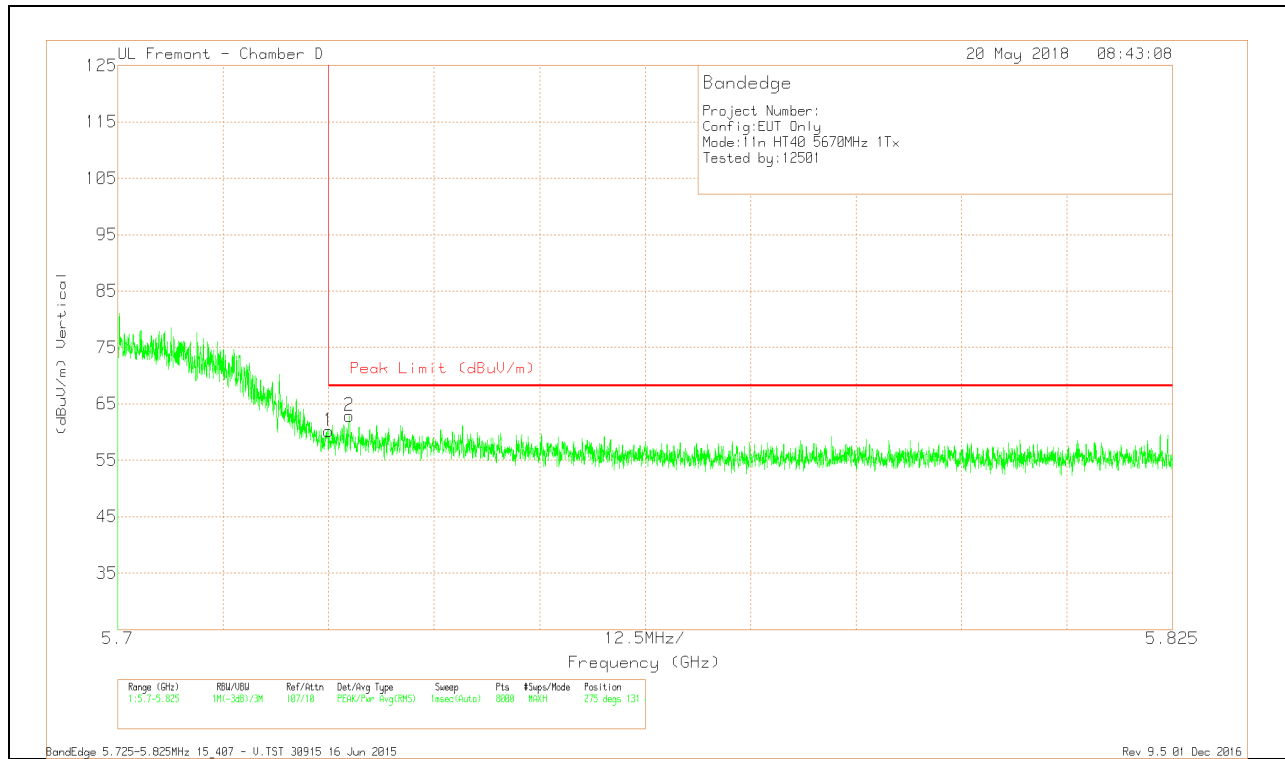
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CbI/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.14	Pk	35.6	-17.1	56.64	68.2	-11.56	44	176	H
2	5.725	41.43	Pk	35.6	-17.1	59.93	68.2	-8.27	44	176	H

Pk - Peak detector

VERTICAL RESULT



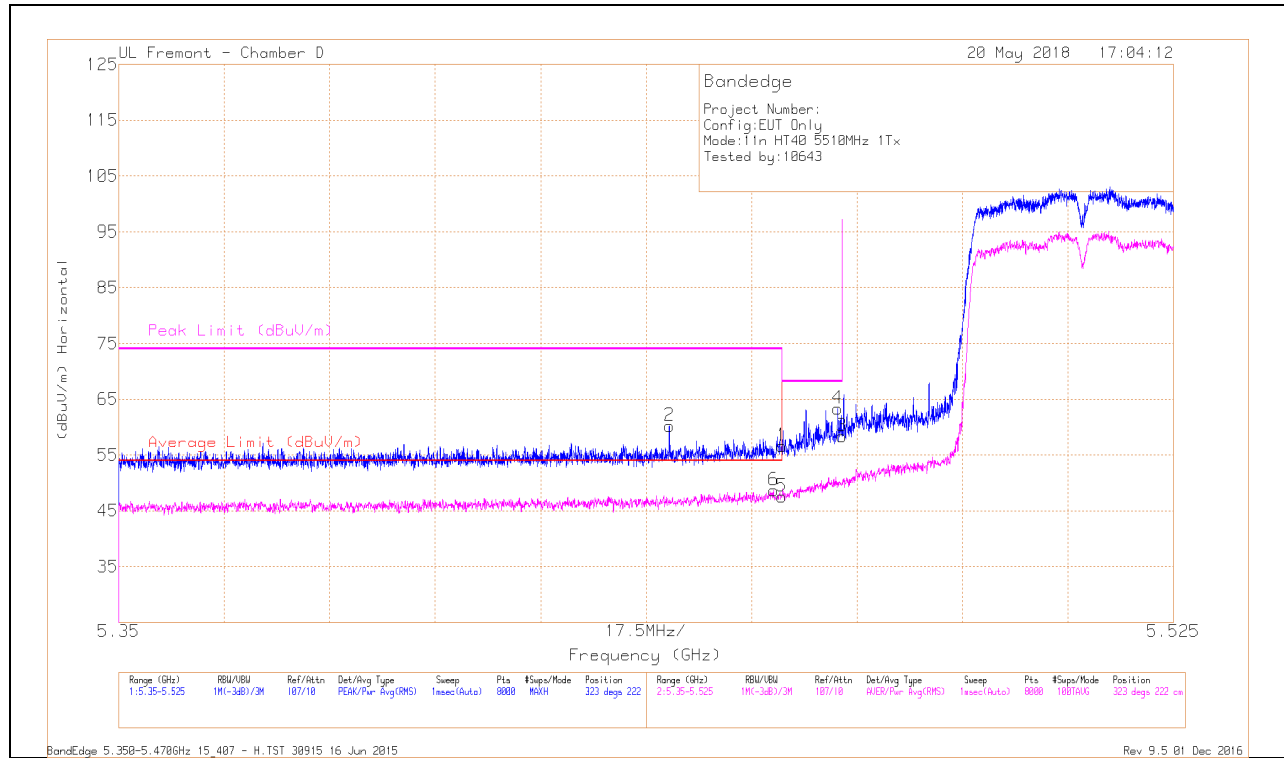
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.73	Pk	35.6	-17.1	60.23	68.2	-7.97	275	131	V
2	5.727	44.37	Pk	35.6	-17.1	62.87	68.2	-5.33	275	131	V

Pk - Peak detector

1TX ANTENNA 5

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



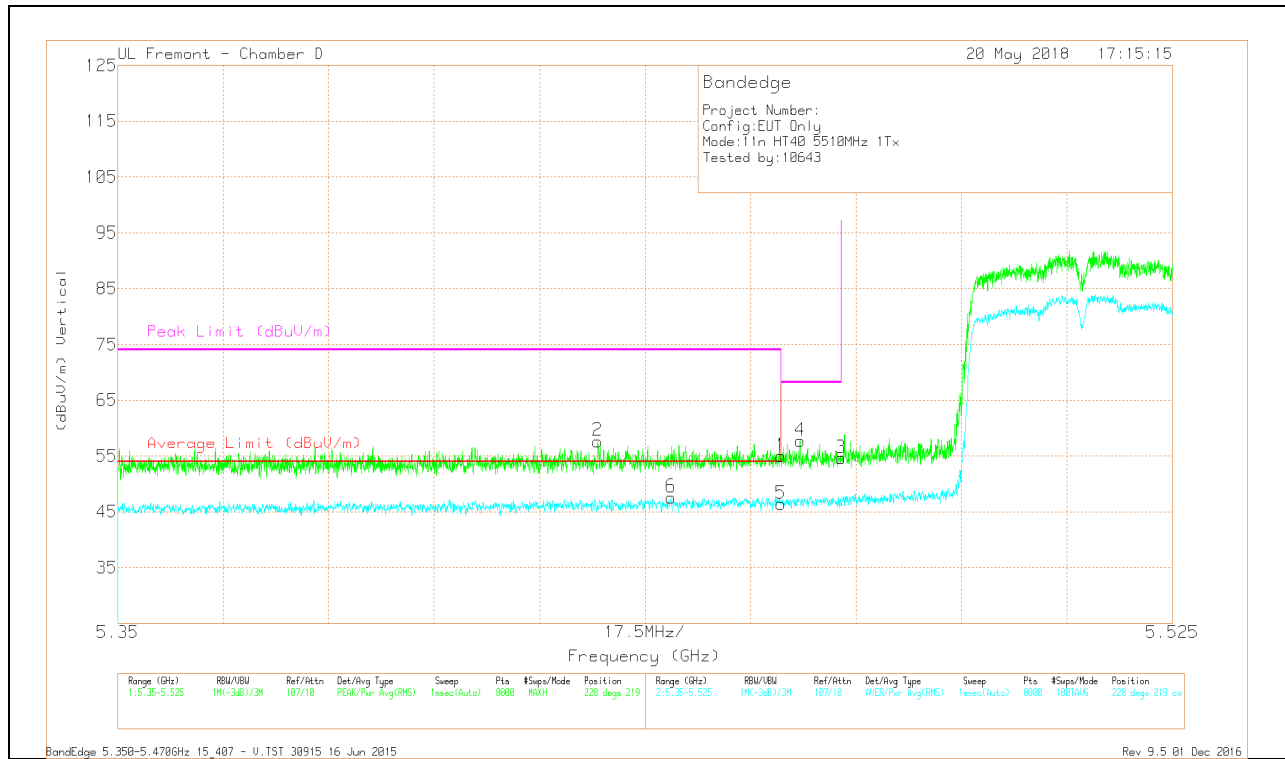
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/IFtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.18	Pk	34.9	-17.5	0	56.58	-	-	74	-17.42	323	222	H
2	* 5.441	43.06	Pk	34.9	-17.7	0	60.26	-	-	74	-13.74	323	222	H
5	* 5.46	30.05	RMS	34.9	-17.5	10	47.55	54	-6.45	-	-	323	222	H
6	* 5.459	31.32	RMS	34.9	-17.6	10	48.72	54	-5.28	-	-	323	222	H
4	5.469	45.95	Pk	34.9	-17.5	0	63.35	-	-	68.2	-4.85	323	222	H
3	5.47	40.96	Pk	34.9	-17.5	0	58.36	-	-	68.2	-9.84	323	222	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 (dBm)	Ampl/Cat/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	* 5.46	37.63	Pk	34.9	-17.5	0	55.03	-	-	74	-18.97	228	219	V
2	* 5.43	40.48	Pk	34.9	-17.7	0	57.68	-	-	74	-16.32	228	219	V
5	* 5.46	28.98	RMS	34.9	-17.5	10	46.48	54	-7.52	-	-	228	219	V
6	* 5.442	30.32	RMS	34.9	-17.7	10	47.62	54	-6.38	-	-	228	219	V
4	5.463	40.33	Pk	34.9	-17.5	0	57.73	-	-	68.2	-10.47	228	219	V
3	5.47	37.19	Pk	34.9	-17.5	0	54.59	-	-	68.2	-13.61	228	219	V

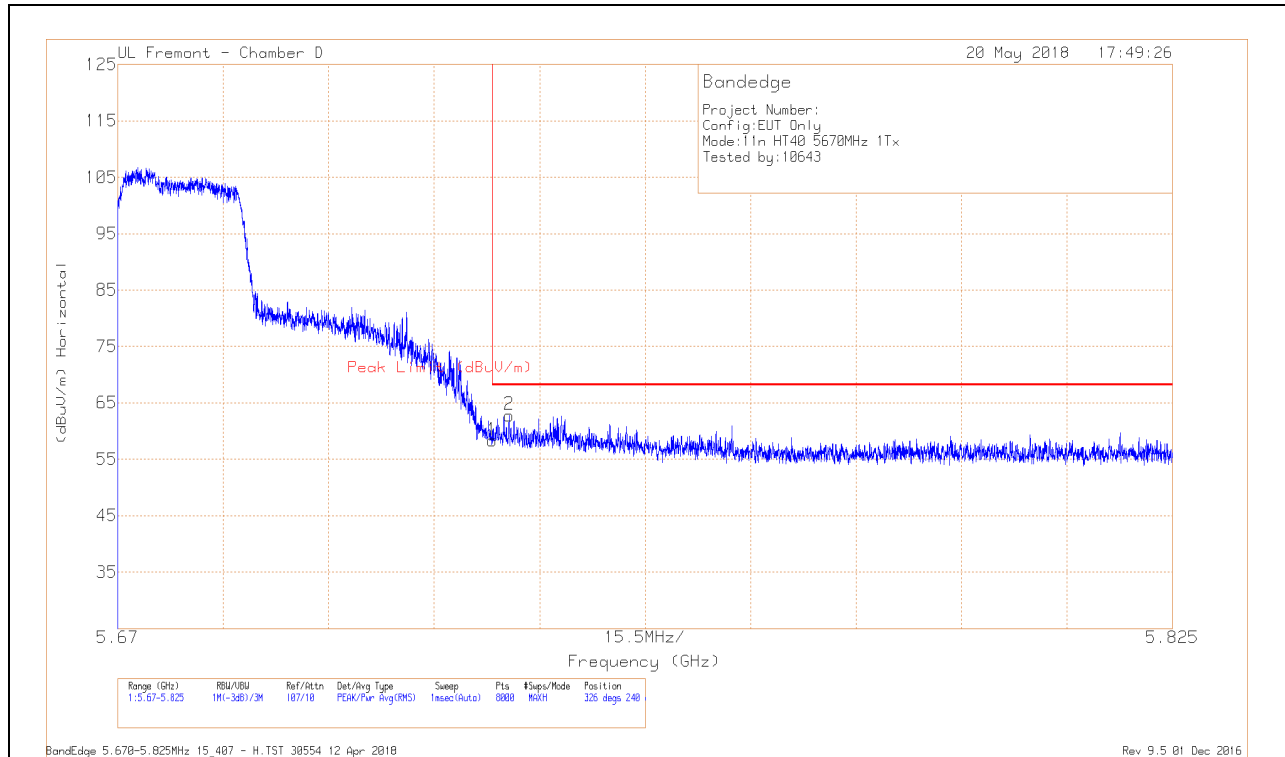
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

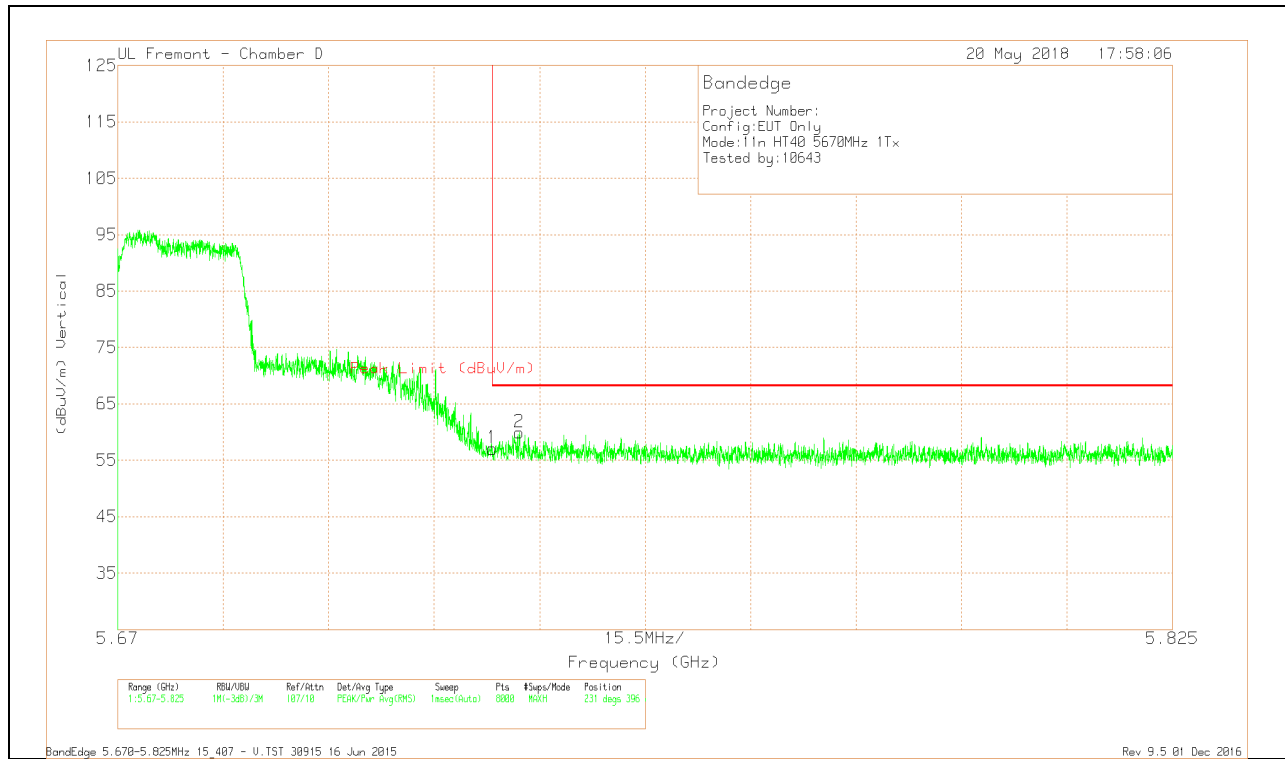
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.81	Pk	35.6	-17.1	58.31	68.2	-9.89	326	240	H
2	5.728	44.33	Pk	35.6	-17.1	62.83	68.2	-5.37	326	240	H

Pk - Peak detector

VERTICAL RESULT



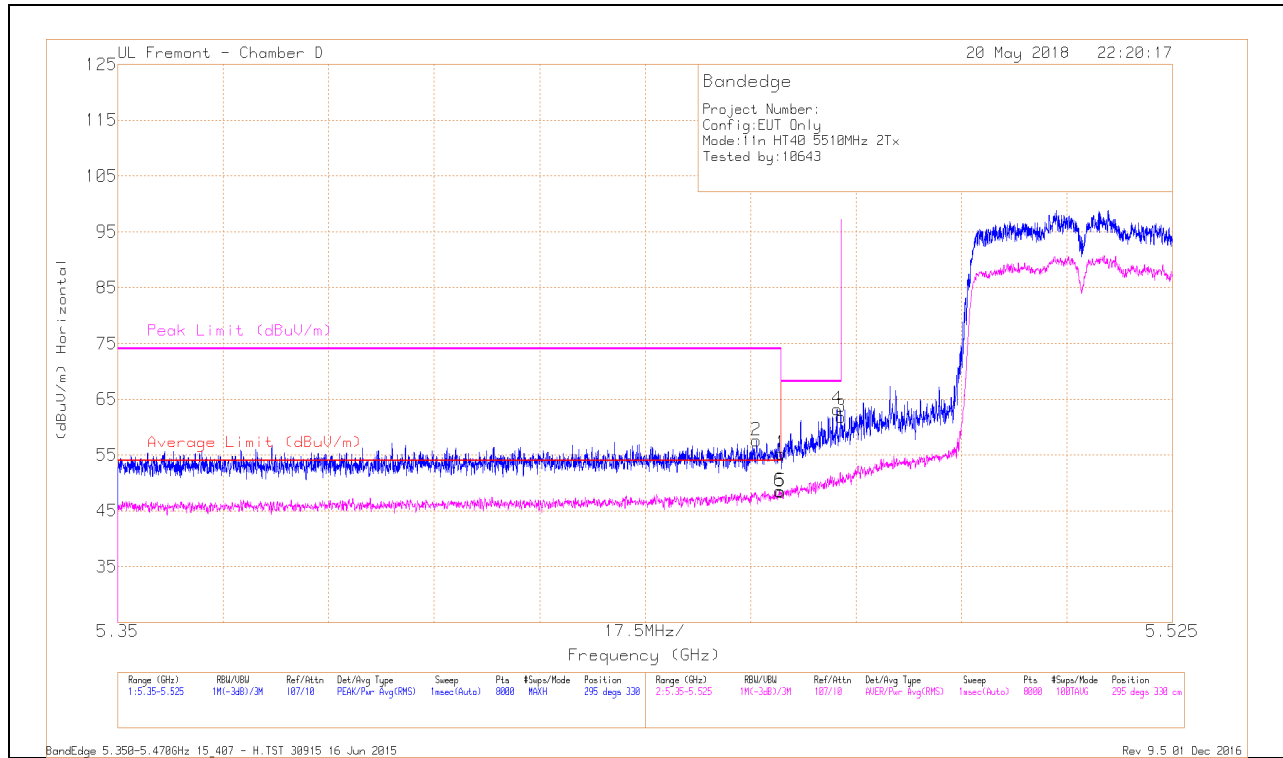
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.56	Pk	35.6	-17.1	57.06	68.2	-11.14	231	396	V
2	5.729	41.46	Pk	35.6	-17.1	59.96	68.2	-8.24	231	396	V

Pk - Peak detector

2TX Antenna 4 + ANTENNA 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



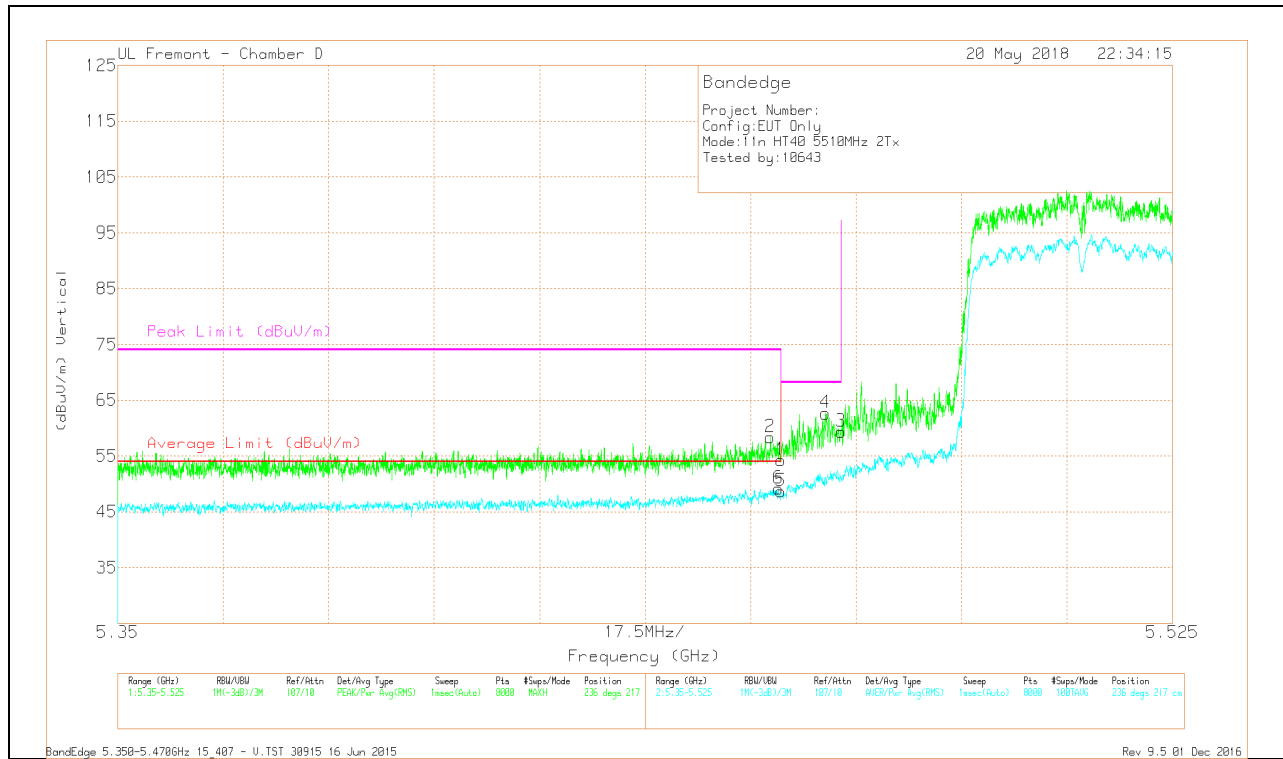
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filt/PA d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.456	40.34	Pk	34.9	-17.6	0	57.64	-	-	74	-16.36	295	330	H
1	* 5.46	37.84	Pk	34.9	-17.5	0	55.24	-	-	74	-18.76	295	330	H
5	* 5.46	30.93	RMS	34.9	-17.5	.10	48.43	54	-5.57	-	-	295	330	H
6	* 5.46	31.07	RMS	34.9	-17.5	.10	48.57	54	-5.43	-	-	295	330	H
4	5.469	45.86	Pk	34.9	-17.5	0	63.26	-	-	68.2	-4.94	295	330	H
3	5.47	44.43	Pk	34.9	-17.5	0	61.83	-	-	68.2	-6.37	295	330	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 (dBm)	Ampl/Cou/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.458	41.11	Pk	34.9	-17.6	0	58.41	-	-	74	-15.59	236	217	V
1	* 5.46	36.92	Pk	34.9	-17.5	0	54.32	-	-	74	-19.68	236	217	V
5	* 5.46	31.13	RMS	34.9	-17.5	10	48.63	54	-5.37	-	-	236	217	V
6	* 5.46	31.71	RMS	34.9	-17.5	10	49.21	54	-4.79	-	-	236	217	V
4	5.467	45.25	Pk	34.9	-17.5	0	62.65	-	-	68.2	-5.55	236	217	V
3	5.47	42.01	Pk	34.9	-17.5	0	59.41	-	-	68.2	-8.79	236	217	V

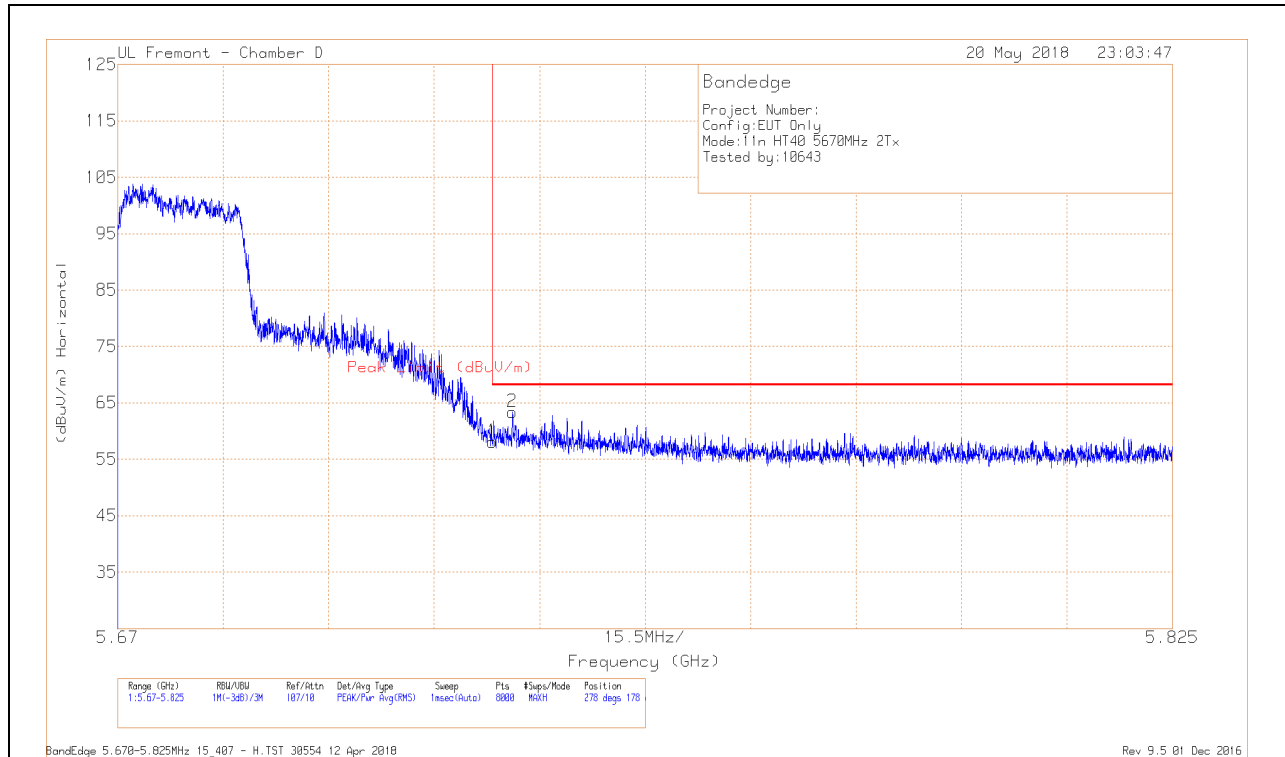
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEGE (HIGH CHANNEL)

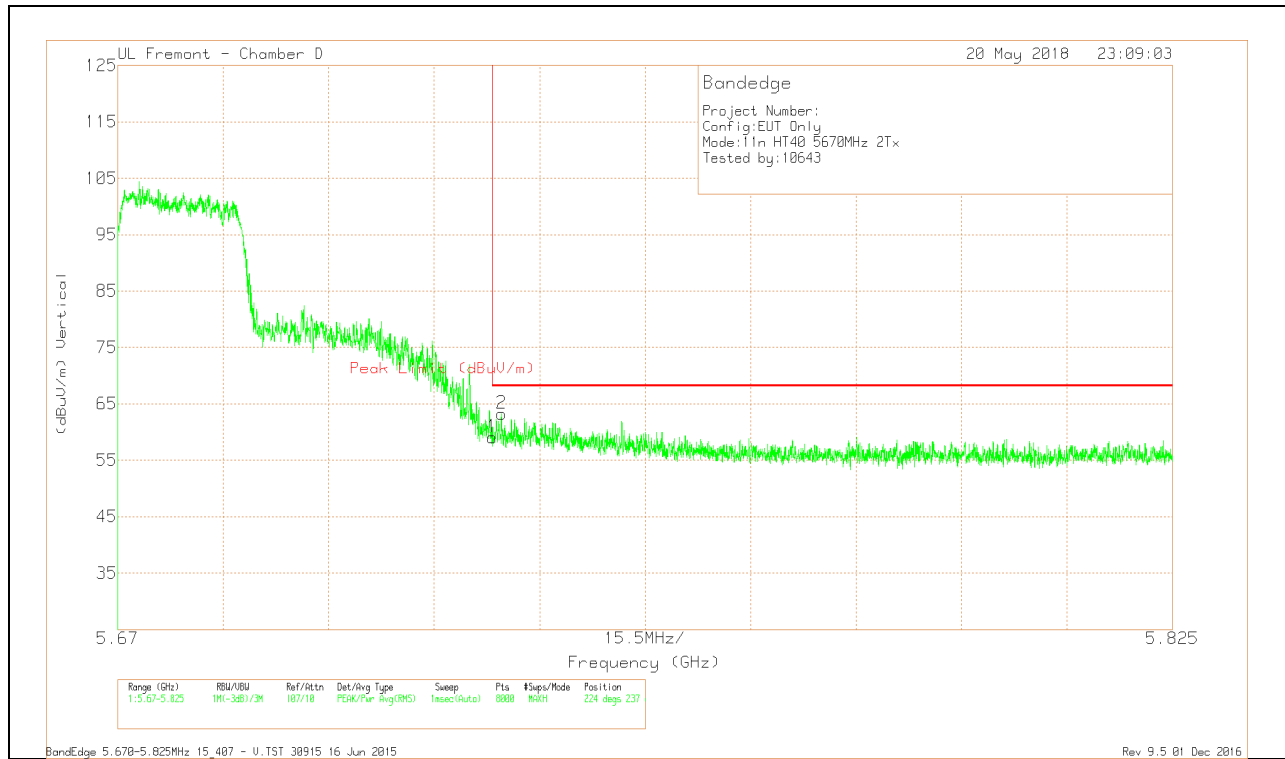
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.57	Pk	35.6	-17.1	58.07	68.2	-10.13	278	178	H
2	5.728	44.92	Pk	35.6	-17.1	63.42	68.2	-4.78	278	178	H

Pk - Peak detector

VERTICAL RESULT

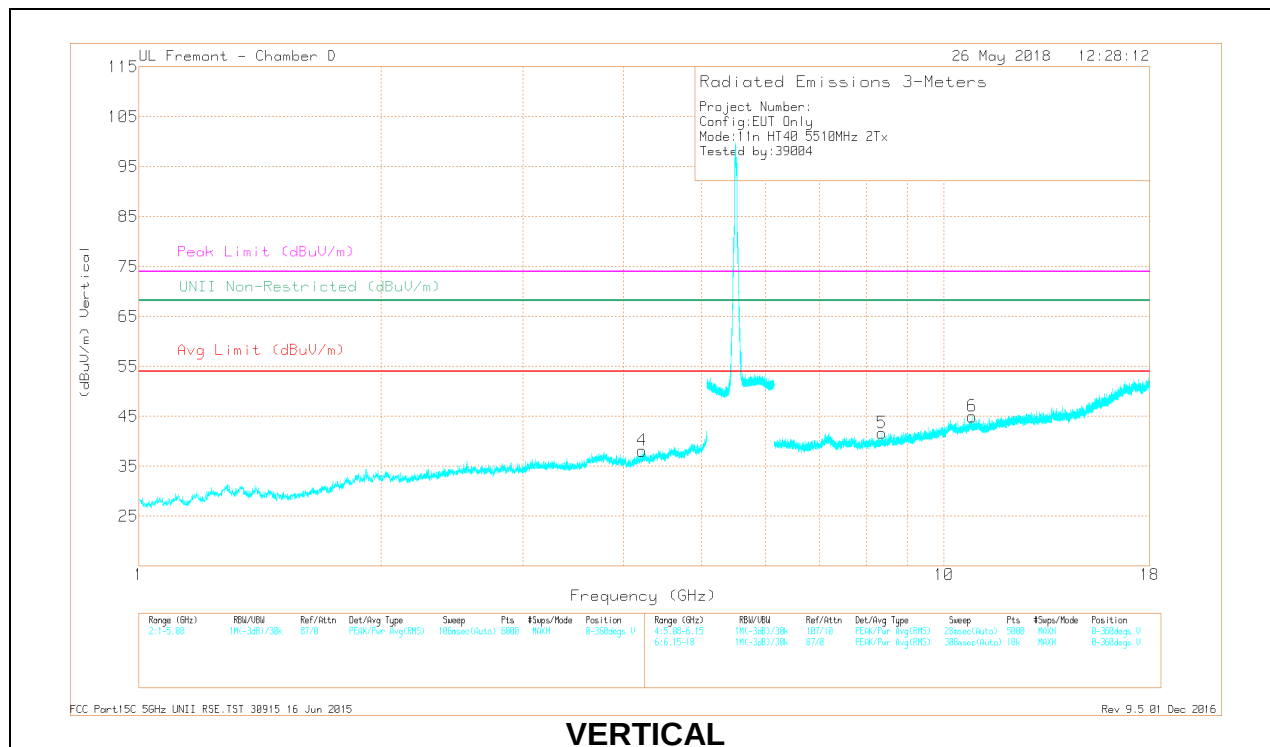
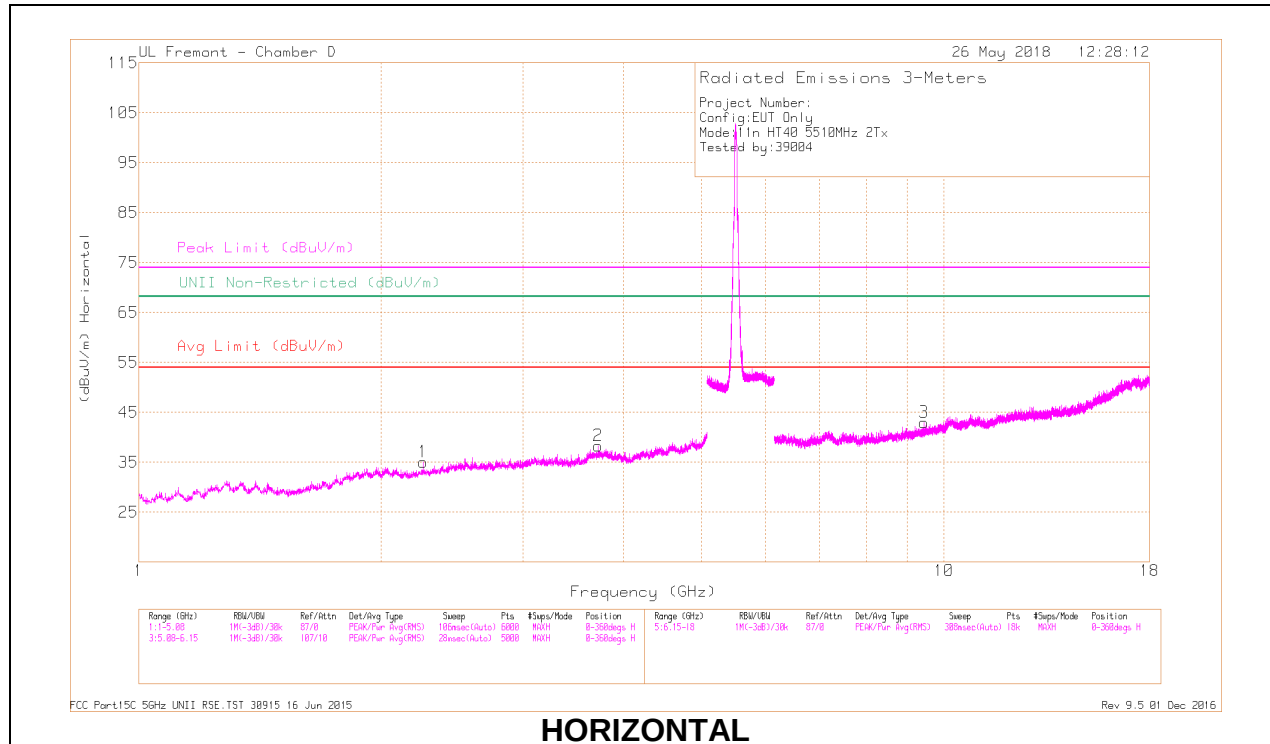


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.61	Pk	35.6	-17.1	59.11	68.2	-9.09	224	237	V
2	5.726	44.81	Pk	35.6	-17.1	63.31	68.2	-4.89	224	237	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

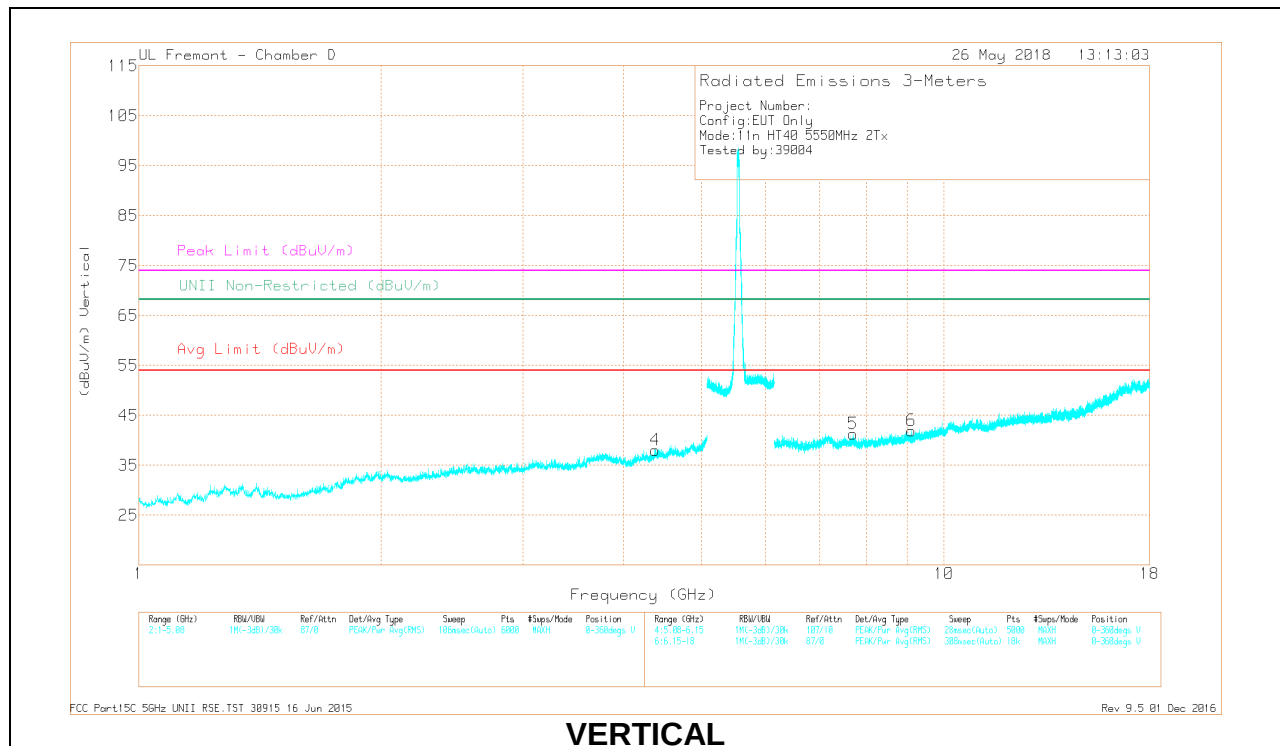
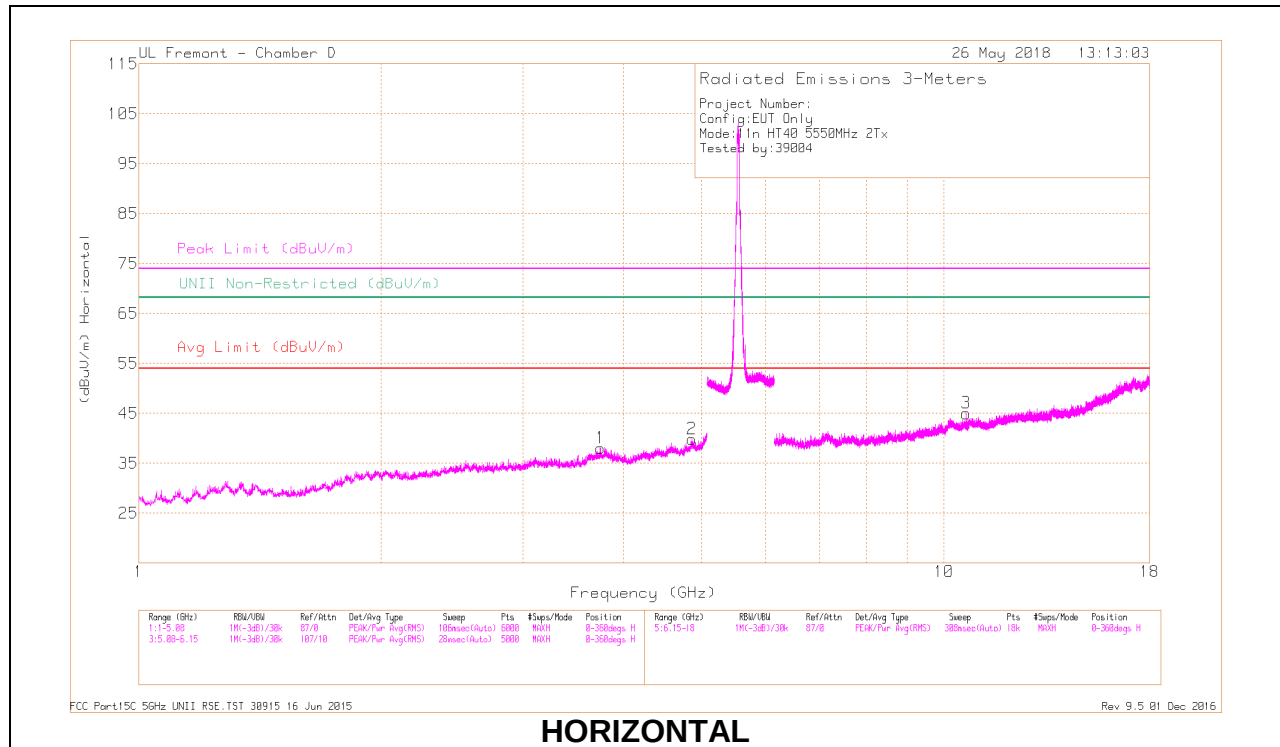
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.254	40.05	PK-U	31.5	-30.6	0	40.95	-	-	74	-33.05	25	118	H
	* 2.254	28.79	ADR	31.5	-30.6	.10	29.79	54	-24.21	-	-	25	118	H
2	* 3.717	38.48	PK-U	33.4	-28.7	0	43.18	-	-	74	-30.82	58	150	H
	* 3.715	26.76	ADR	33.4	-28.7	.10	31.56	54	-22.44	-	-	58	150	H
4	* 4.216	37.29	PK-U	33.8	-27.6	0	43.49	-	-	74	-30.51	101	223	V
	* 4.215	26.12	ADR	33.8	-27.5	.10	32.52	54	-21.48	-	-	101	223	V
3	* 9.45	33.06	PK-U	36.6	-21	0	48.66	-	-	74	-25.34	120	177	H
	* 9.45	22.27	ADR	36.6	-21	.10	37.97	54	-16.03	-	-	120	177	H
5	* 8.371	34.92	PK-U	35.9	-23	0	47.82	-	-	74	-26.18	125	102	V
	* 8.373	23.72	ADR	35.9	-23.1	.10	36.62	54	-17.38	-	-	125	102	V
6	* 10.832	33.01	PK-U	37.7	-20.2	0	50.51	-	-	74	-23.49	125	223	V
	* 10.832	22.12	ADR	37.7	-20.2	.10	39.72	54	-14.28	-	-	125	223	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

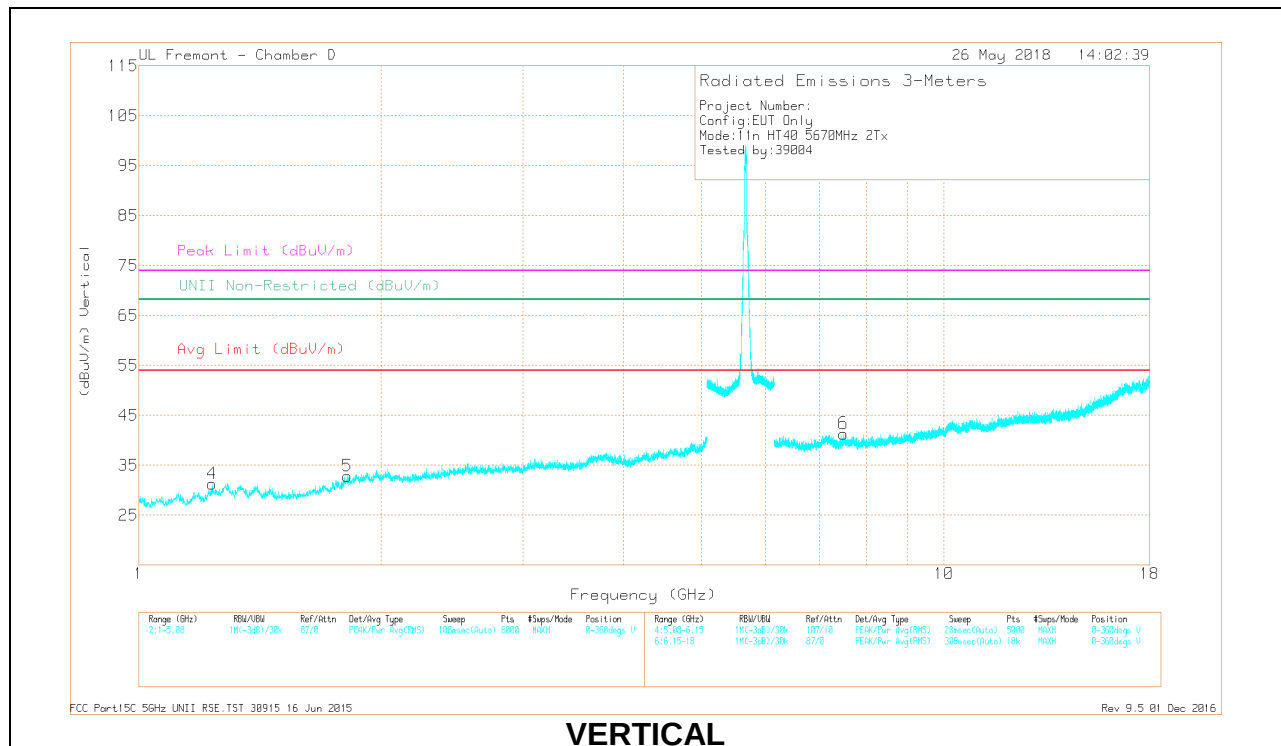
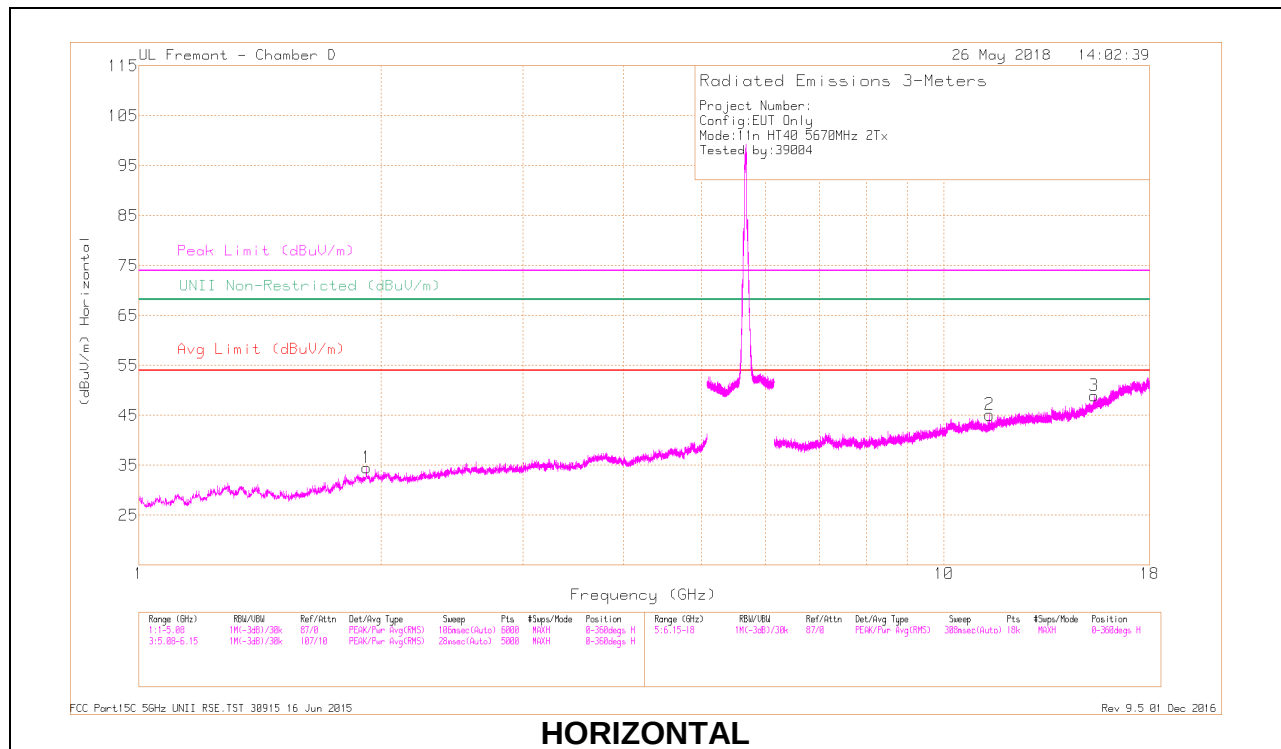
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb l/Filtr/Pa d (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.746	38.11	PK-U	33.5	-28.7	0	42.91	-	-	74	-31.09	15	228	H
	* 3.746	26.64	ADR	33.5	-28.7	.10	31.54	54	-22.46	-	-	15	228	H
2	* 4.862	35.85	PK-U	34.5	-25.1	0	45.25	-	-	74	-28.75	52	110	H
	* 4.863	24.78	ADR	34.4	-25.1	.10	34.18	54	-19.82	-	-	52	110	H
4	* 4.375	37.57	PK-U	34.1	-27.5	0	44.17	-	-	74	-29.83	116	174	V
	* 4.375	26.25	ADR	34.1	-27.5	.10	32.95	54	-21.05	-	-	116	174	V
3	* 10.645	34.06	PK-U	37.7	-21.1	0	50.66	-	-	74	-23.34	76	111	H
	* 10.645	22.45	ADR	37.7	-21.1	.10	39.15	54	-14.85	-	-	76	111	H
5	* 7.709	35.34	PK-U	36	-23.7	0	47.64	-	-	74	-26.36	142	252	V
	* 7.71	24.36	ADR	36	-23.7	.10	36.76	54	-17.24	-	-	142	252	V
6	* 9.103	34.48	PK-U	36.3	-22.4	0	48.38	-	-	74	-25.62	162	196	V
	* 9.102	23.13	ADR	36.3	-22.5	.10	37.03	54	-16.97	-	-	162	196	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

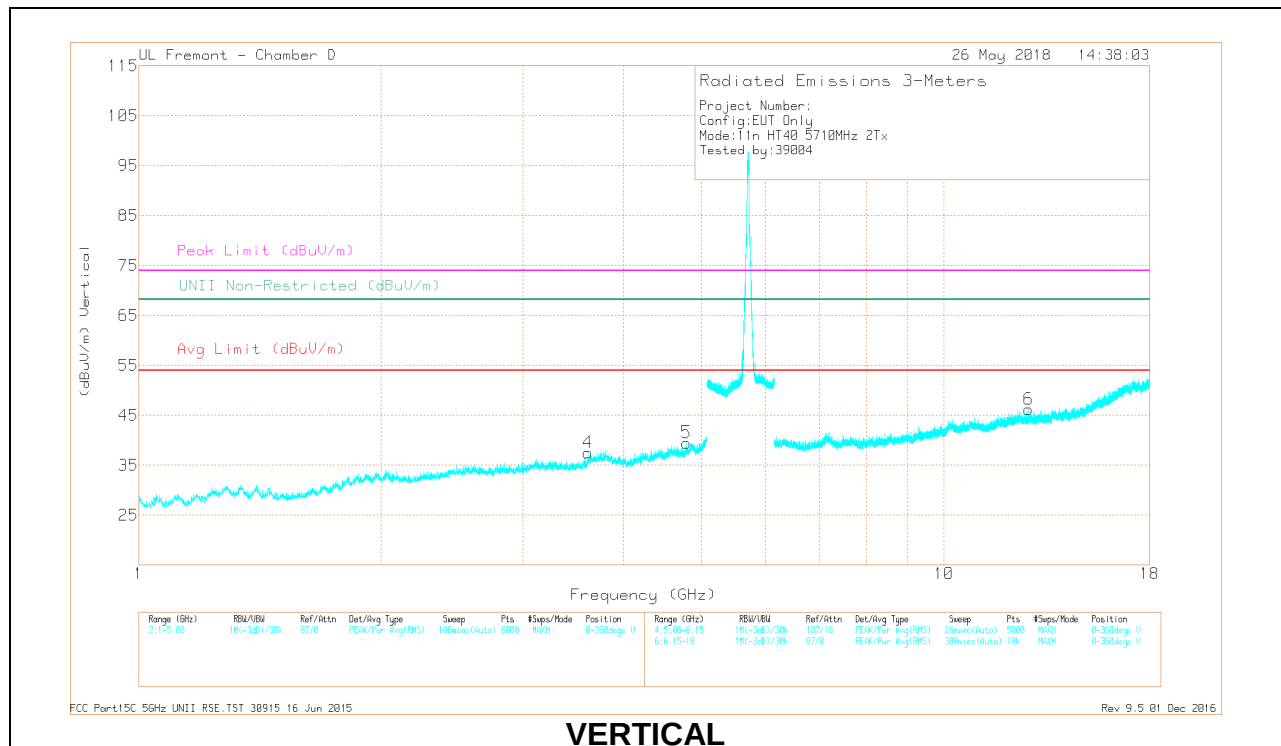
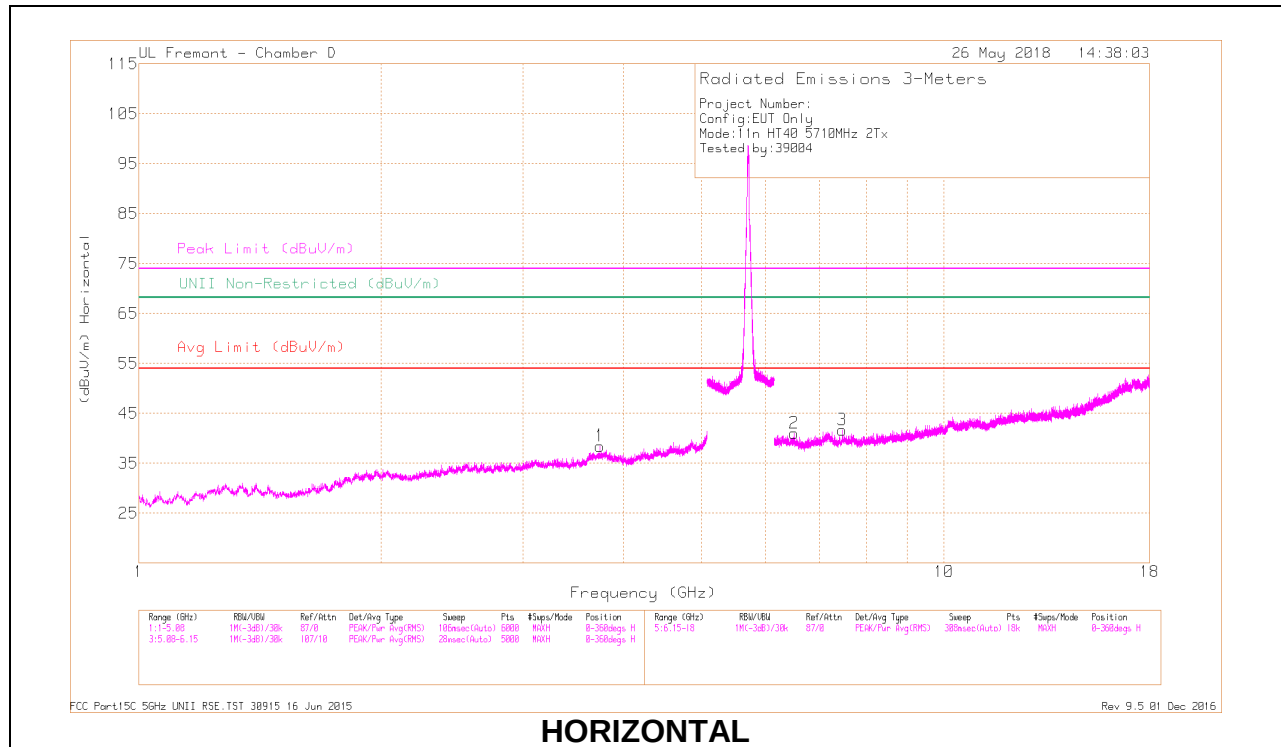
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	AmpCalRtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.232	41.1	PK-U	28.8	-32	0	37.9	-	-	74	-36.1	-	-	44	179	V
	* 1.233	29.35	ADR	28.8	-32	10	26.25	54	-27.75	-	-	-	-	44	179	V
2	* 11.395	34.15	PK-U	37.9	-20.6	0	51.45	-	-	74	-22.55	-	-	56	225	H
	* 11.395	22.01	ADR	37.9	-20.6	10	39.41	54	-14.59	-	-	-	-	56	225	H
3	* 15.372	34.13	PK-U	40.6	-20.1	0	54.63	-	-	74	-19.37	-	-	101	154	H
	* 15.372	23.07	ADR	40.6	-20	10	43.77	54	-10.23	-	-	-	-	101	154	H
6	* 7.499	36	PK-U	36.3	-24	0	42.3	-	-	74	-25.7	-	-	117	240	V
	* 7.497	24.01	ADR	36.3	-24	10	36.41	54	-17.59	-	-	-	-	117	240	V
5	1.815	41.18	PK-U	30.7	-31	0	40.88	-	-	-	-	68.2	-27.32	146	211	V
1	1.92	40.52	PK-U	31.5	-30.8	0	41.22	-	-	-	-	68.2	-26.98	121	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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 1136 (dBm)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unlit Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.738	37.9	PK-U	33.4	-28.6	0	42.7	-	-	74	-31.3	-	-	105	137	H
	* 3.741	26.73	ADR	33.4	-28.7	-10	31.53	54	-22.47	-	-	-	-	105	137	H
4	* 3.611	38.08	PK-U	33.5	-28.7	0	42.88	-	-	74	-31.12	-	-	214	194	V
	* 3.608	26.24	ADR	33.5	-28.7	-10	31.14	54	-22.86	-	-	-	-	214	194	V
5	* 4.786	38.2	PK-U	34.5	-27.1	0	45.6	-	-	74	-28.4	-	-	144	256	V
	* 4.786	26.78	ADR	34.5	-27.1	-10	34.28	54	-19.72	-	-	-	-	144	256	V
3	* 7.474	34.55	PK-U	36.3	-24	0	47.15	-	-	74	-26.85	-	-	182	179	H
	* 7.472	23.99	ADR	36.3	-24	-10	36.39	54	-17.61	-	-	-	-	182	179	H
2	6.512	36.46	PK-U	36	-24.9	0	47.56	-	-	-	-	68.2	-20.64	203	112	H
6	12.727	34.2	PK-U	39.2	-21.1	0	52.3	-	-	-	-	68.2	-15.9	214	212	V

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

PK-U - U-NII: Maximum Peak

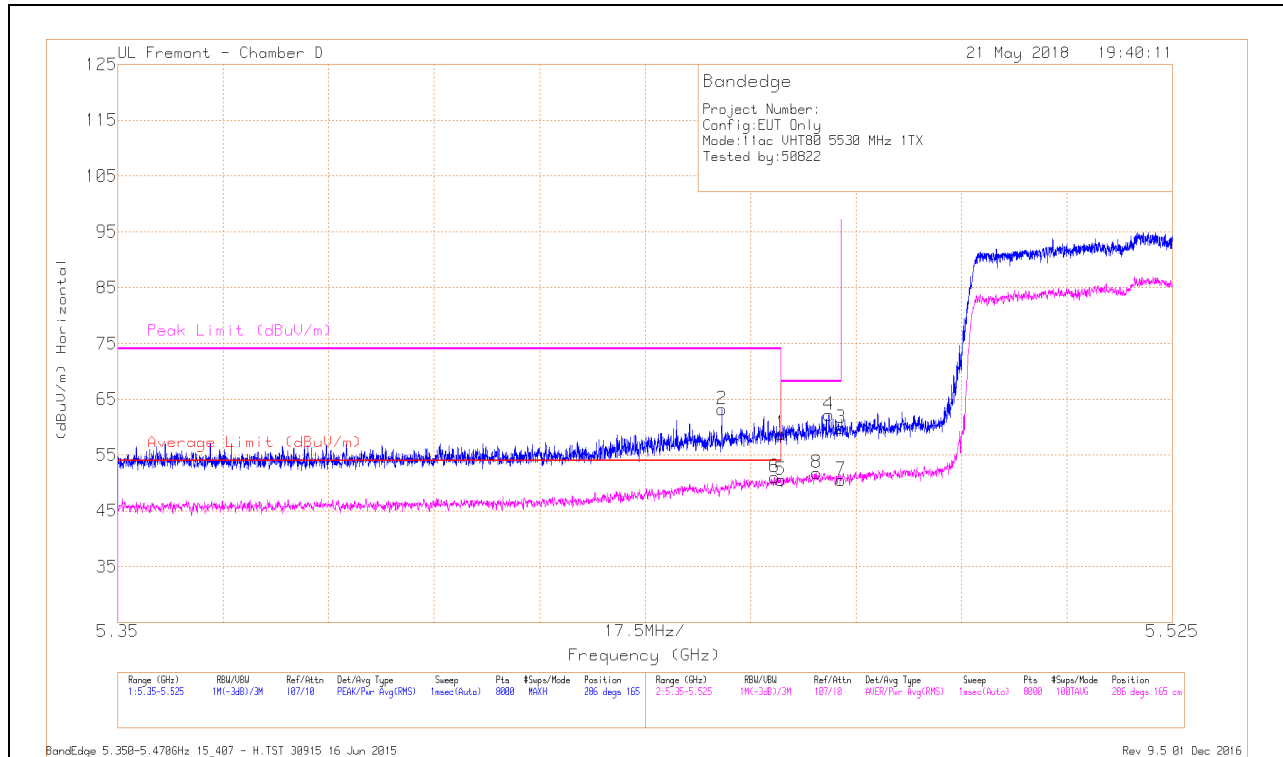
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



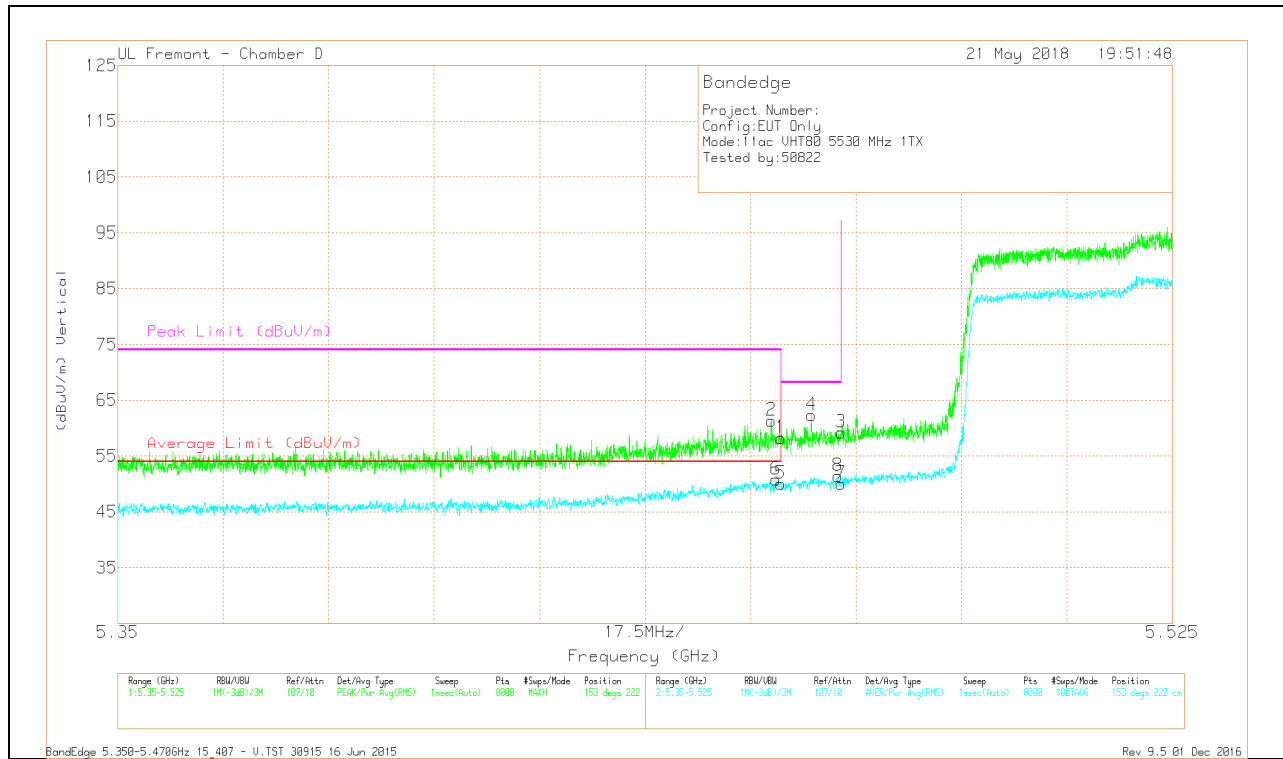
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Ch/IFtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Dega)	Height (cm)	Polarity
1	* 5.46	41.4	Pk	34.9	-17.5	0	58.8	-	-	74	-15.2	286	165	H
2	* 5.45	45.94	Pk	34.9	-17.6	0	63.24	-	-	74	-10.76	286	165	H
5	* 5.46	32.95	RMS	34.9	-17.5	.19	50.54	54	-3.46	-	-	286	165	H
6	* 5.459	33.48	RMS	34.9	-17.6	.19	50.97	54	-3.03	-	-	286	165	H
8	5.466	34.16	RMS	34.9	-17.5	.19	51.75	-	-	-	-	286	165	H
4	5.468	44.82	Pk	34.9	-17.5	0	62.22	-	-	68.2	-5.98	286	165	H
3	5.47	42.49	Pk	34.9	-17.5	0	59.89	-	-	68.2	-8.31	286	165	H
7	5.47	32.99	RMS	34.9	-17.5	.19	50.59	-	-	-	-	286	165	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



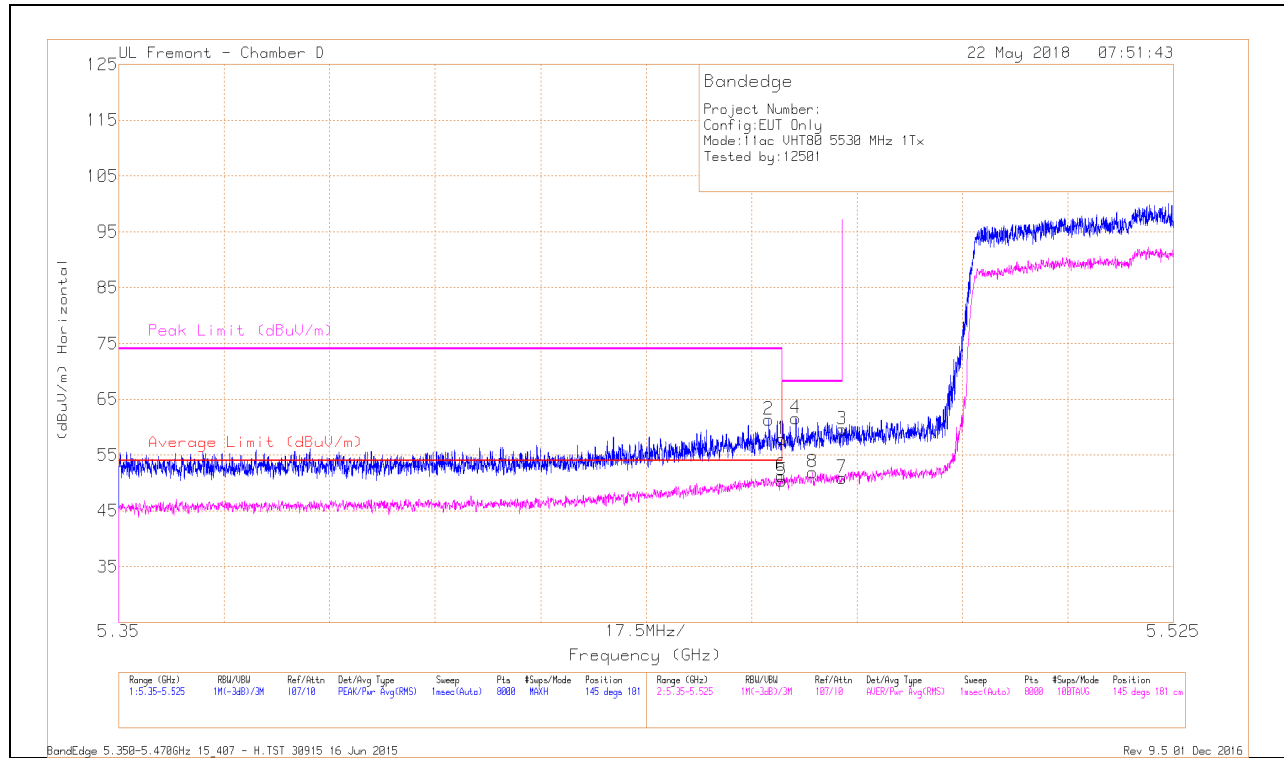
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.87	Pk	34.9	-17.5	-	58.27	-	-	74	-15.73	153	222	V
2	* 5.458	44.08	Pk	34.9	-17.6	-	61.38	-	-	74	-12.62	153	222	V
5	* 5.46	32.6	RMS	34.9	-17.5	.19	50.19	54	-3.81	-	-	153	222	V
6	* 5.459	33.34	RMS	34.9	-17.5	.19	50.93	54	-3.07	-	-	153	222	V
4	5.465	44.96	Pk	34.9	-17.5	-	62.36	-	-	68.2	-5.84	153	222	V
8	5.469	33.97	RMS	34.9	-17.5	.19	51.37	-	-	-	-	153	222	V
3	5.47	41.8	Pk	34.9	-17.5	-	59.2	-	-	68.2	-9	153	222	V
7	5.47	32.65	RMS	34.9	-17.5	.19	50.05	-	-	-	-	153	222	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



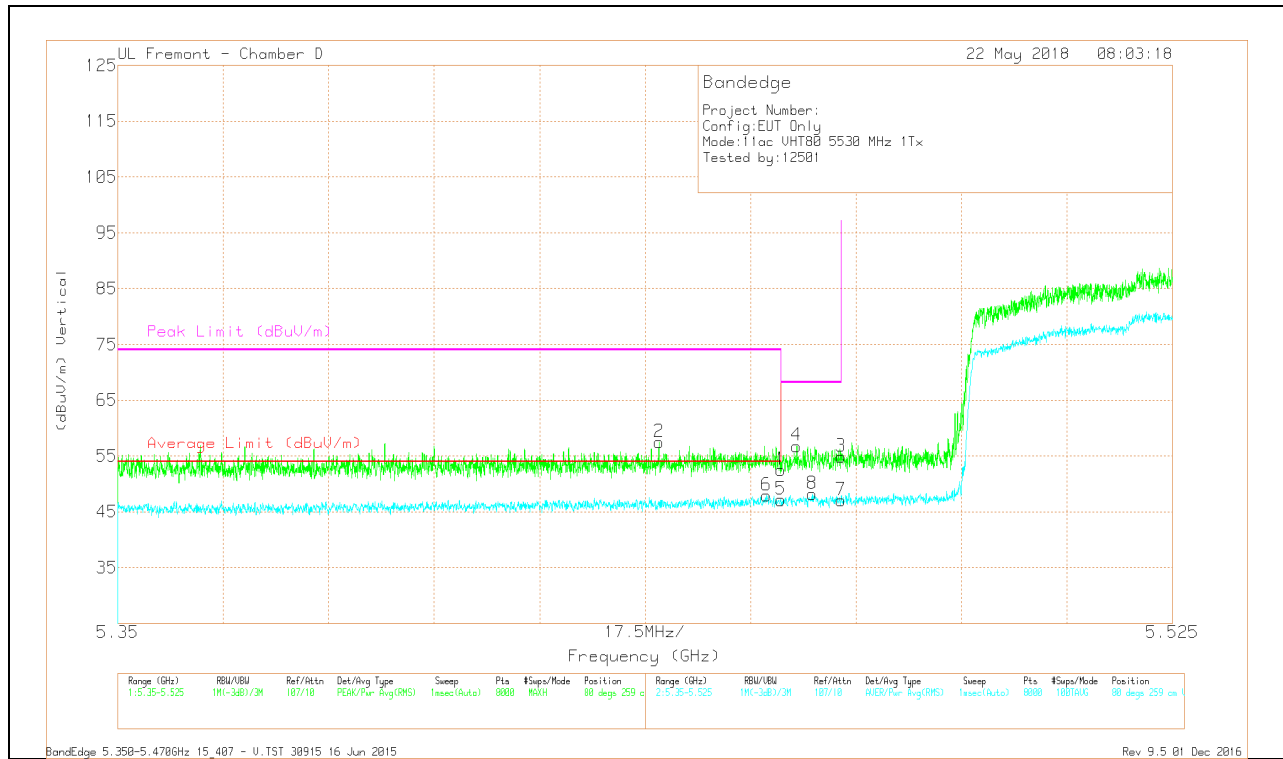
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Ampl/Cb/BFR nPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.47	Pk	34.9	-17.5	0	57.87	-	-	74	-16.13	145	181	H
2	* 5.458	44.08	Pk	34.9	-17.6	0	61.38	-	-	74	-12.62	145	181	H
5	* 5.46	32.88	RMS	34.9	-17.5	-19	50.47	54	-3.53	-	-	145	181	H
6	* 5.46	33.73	RMS	34.9	-17.5	-19	51.32	54	-2.68	-	-	145	181	H
4	5.462	44.22	Pk	34.9	-17.5	0	61.62	-	-	68.2	-6.58	145	181	H
8	5.465	34.31	RMS	34.9	-17.5	-19	51.9	-	-	-	-	145	181	H
3	5.47	42.18	Pk	34.9	-17.5	0	59.58	-	-	68.2	-8.62	145	181	H
7	5.47	33.29	RMS	34.9	-17.5	-19	50.88	-	-	-	-	145	181	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

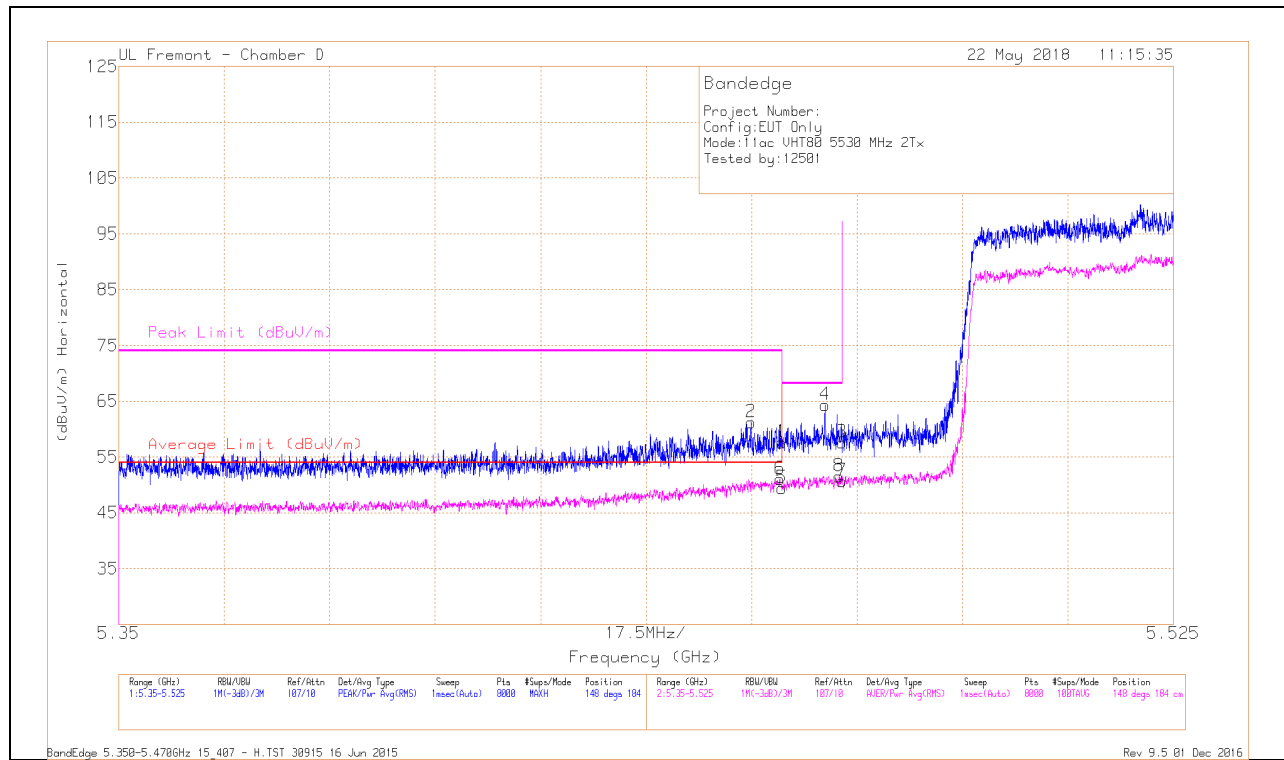


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/ChlFilt (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2	* 5.44	40.32	Pk	34.9	-17.7	0	57.52	-	-	74	-16.48	80	259	V
6	* 5.458	30.39	RMS	34.9	-17.6	19	47.88	54	-6.12	-	-	80	259	V
1	* 5.46	35.11	Pk	34.9	-17.5	0	52.51	-	-	74	-21.49	80	259	V
5	* 5.46	29.54	RMS	34.9	-17.5	19	47.13	54	-6.87	-	-	80	259	V
4	5.463	39.41	Pk	34.9	-17.5	0	56.81	-	-	68.2	-11.39	80	259	V
8	5.465	30.63	RMS	34.9	-17.5	19	48.22	-	-	-	-	80	259	V
3	5.47	37.44	Pk	34.9	-17.5	0	54.84	-	-	68.2	-13.36	80	259	V
7	5.47	29.49	RMS	34.9	-17.5	19	47.08	-	-	-	-	80	259	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 4 + ANTENNA 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

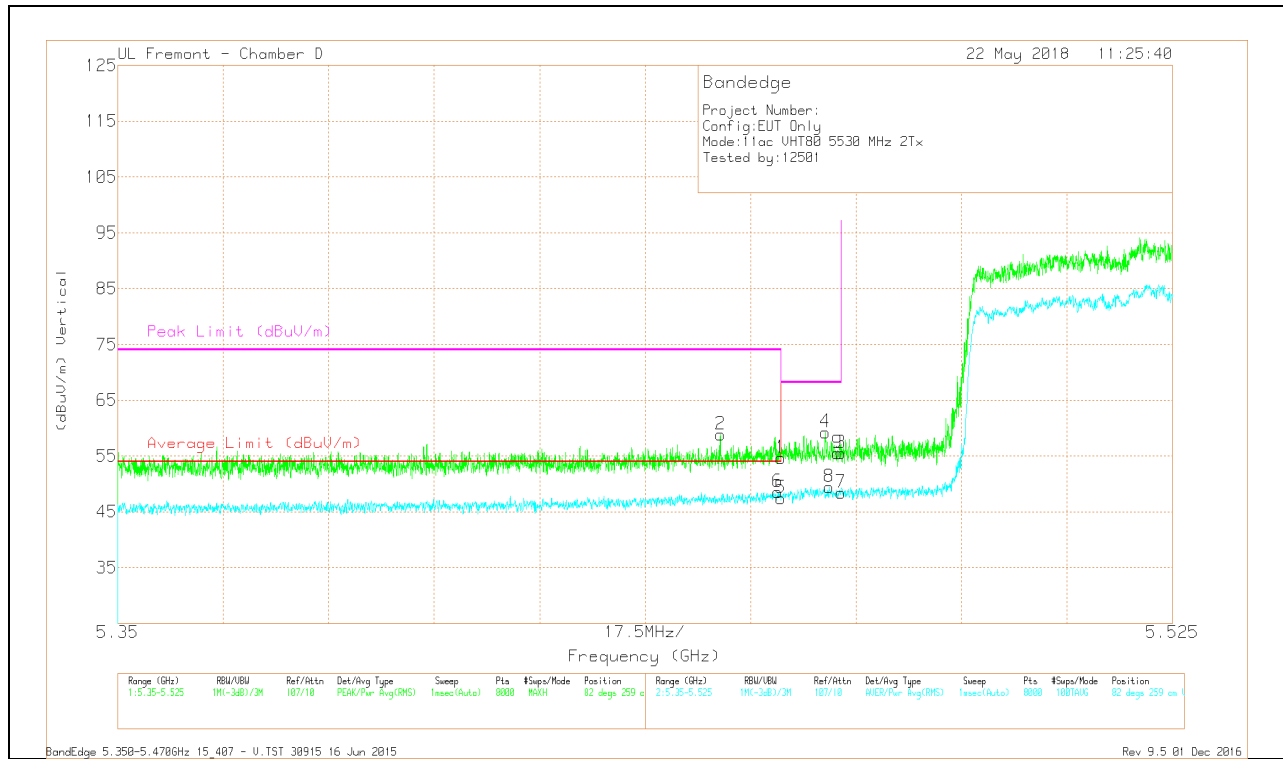
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Ampl/Cb/BFR nPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.26	PK	34.9	-17.5	0	57.66	-	-	74	-16.34	148	184	H
2	* 5.455	43.91	PK	34.9	-17.6	0	61.21	-	-	74	-12.79	148	184	H
5	* 5.46	31.79	RMS	34.9	-17.5	-19	49.38	54	-4.62	-	-	148	184	H
6	* 5.46	33.49	RMS	34.9	-17.5	-19	51.08	54	-2.92	-	-	148	184	H
4	5.467	46.88	PK	34.9	-17.5	0	64.28	-	-	68.2	-3.92	148	184	H
3	5.47	40.18	PK	34.9	-17.5	0	57.58	-	-	68.2	-10.62	148	184	H
7	5.47	33.12	RMS	34.9	-17.5	-19	50.71	-	-	-	-	148	184	H
8	5.47	33.98	RMS	34.9	-17.5	-19	51.57	-	-	-	-	148	184	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 (dBm)	Amp/ChlFilt (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	* 5.45	41.59	Pk	34.9	-17.6	0	58.89	-	-	74	-15.11	82	259	V
1	* 5.46	37.2	Pk	34.9	-17.5	0	54.6	-	-	74	-19.4	82	259	V
5	* 5.46	29.86	RMS	34.9	-17.5	19	47.45	54	-6.55	-	-	82	259	V
6	* 5.46	31.01	RMS	34.9	-17.5	19	48.6	54	-5.4	-	-	82	259	V
4	5.467	41.89	Pk	34.9	-17.5	0	59.29	-	-	68.2	-8.91	82	259	V
8	5.468	31.8	RMS	34.9	-17.5	19	49.39	-	-	-	-	82	259	V
9	5.469	38.13	Pk	34.9	-17.5	0	55.53	-	-	68.2	-12.67	82	259	V
3	5.47	38.08	Pk	34.9	-17.5	0	55.48	-	-	68.2	-12.72	82	259	V
7	5.47	30.88	RMS	34.9	-17.5	19	48.47	-	-	-	-	82	259	V

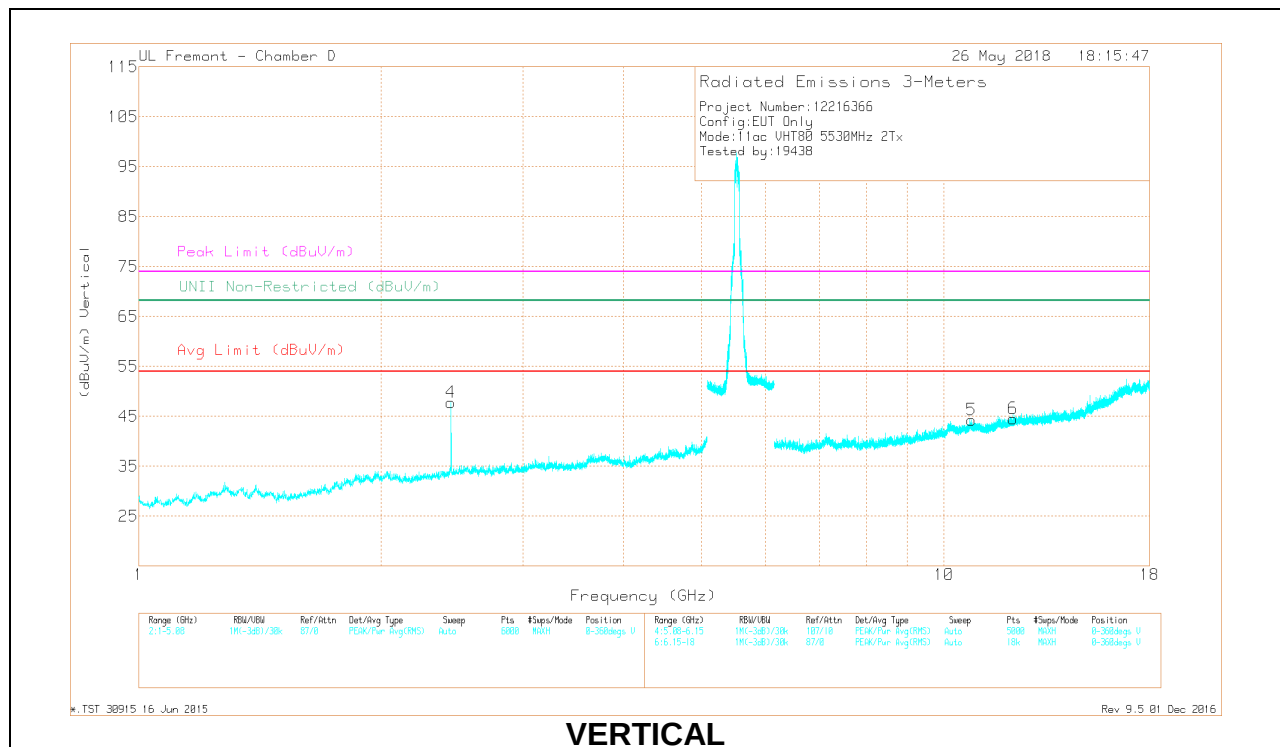
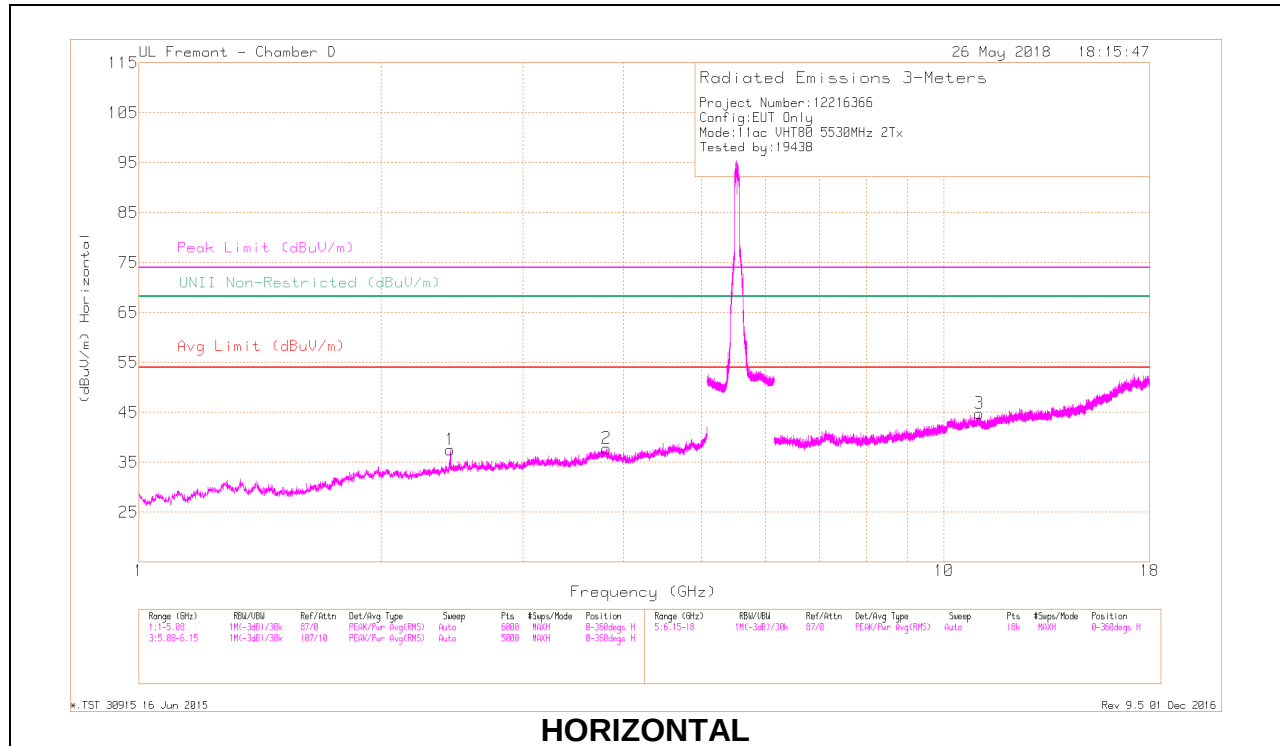
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

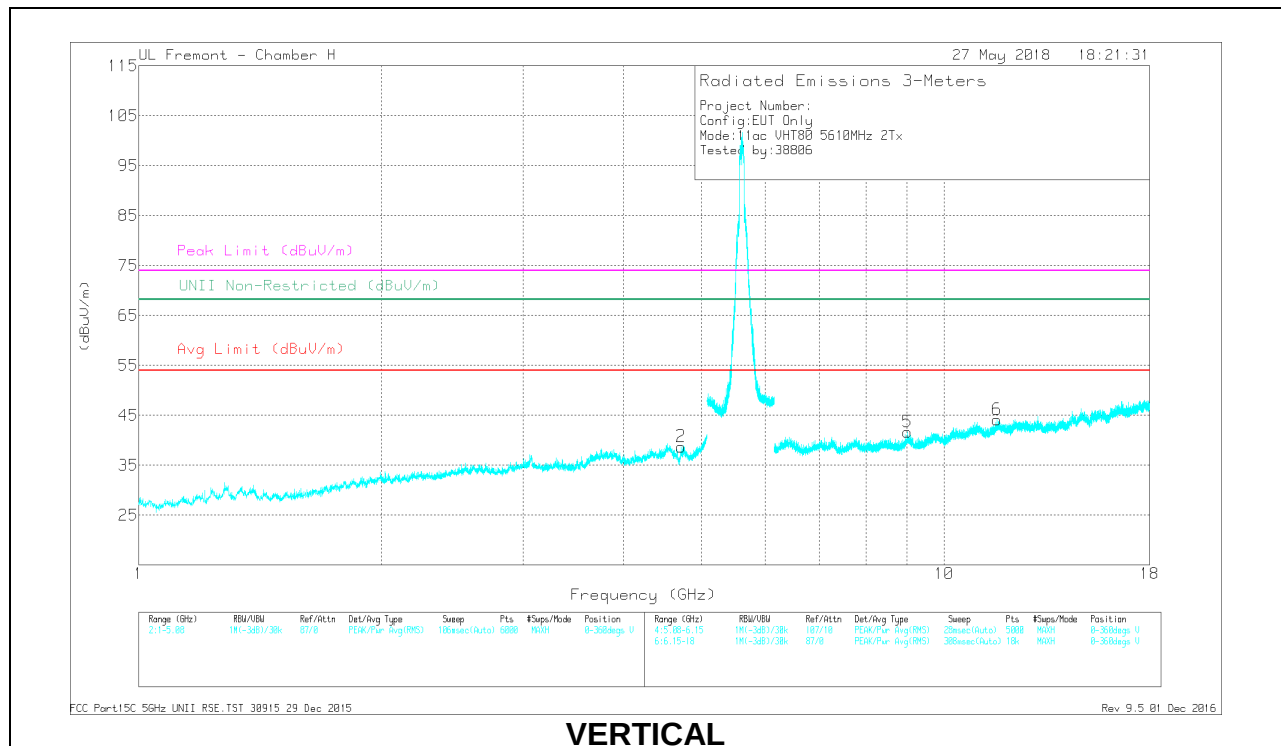
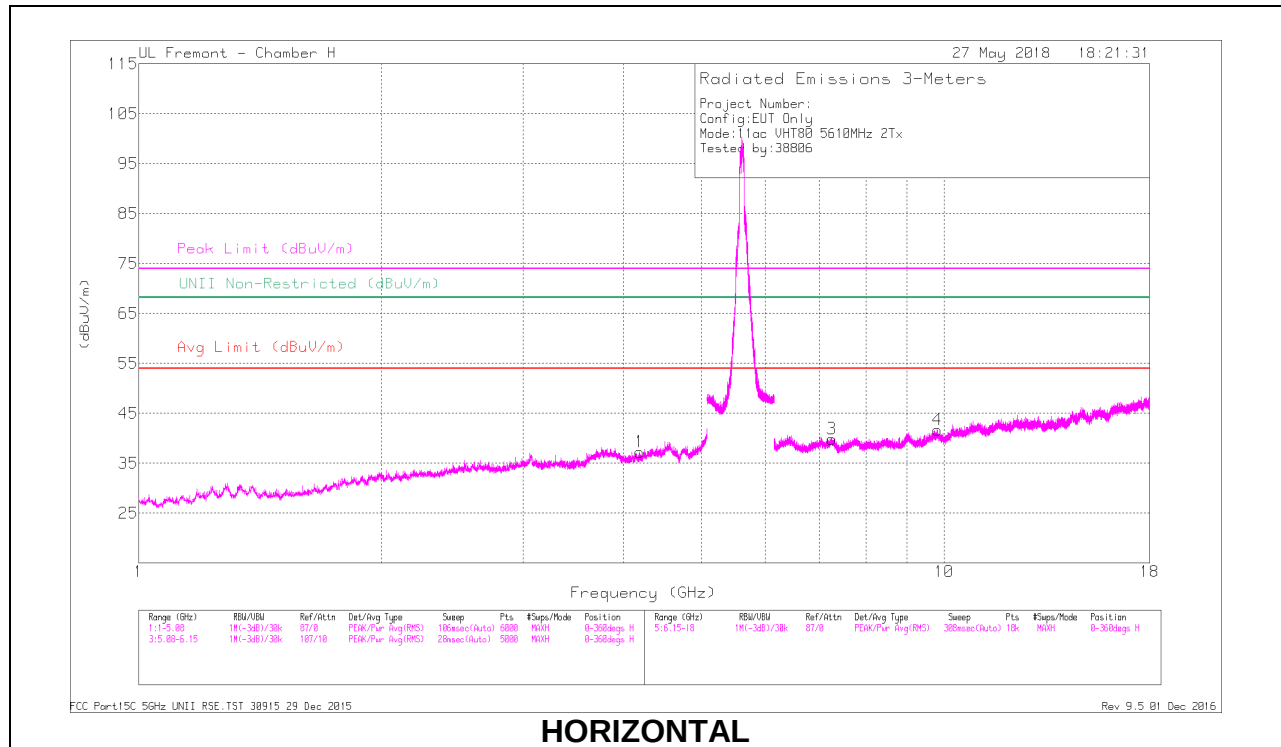
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T138 (dB/m)	Amp/Cali/R (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.805	38.44	PK-U	33.7	-28.3	0	43.84	-	-	74	-30.16	-	-	342	392	H
	* 3.803	27.01	ADR	33.7	-28.3	.19	32.60	54	-21.49	-	-	-	-	342	392	H
3	* 11.044	33.99	PK-U	37.8	-20.6	0	51.19	-	-	74	-22.81	-	-	87	331	H
	* 11.077	22.67	ADR	37.8	-20.6	.19	40.16	54	-13.84	-	-	-	-	87	331	H
5	* 10.834	33.82	PK-U	37.7	-20.2	0	51.32	-	-	74	-22.68	-	-	106	360	V
	* 10.84	22.58	ADR	37.7	-20.3	.19	40.27	54	-13.73	-	-	-	-	106	360	V
6	* 12.172	33.5	PK-U	38.9	-21	0	51.4	-	-	74	-22.6	-	-	183	285	V
	* 12.205	22.9	ADR	38.9	-21	.19	41.09	54	-12.91	-	-	-	-	183	285	V
1	2.431	41.7	PK-U	32.2	-30.3	0	43.6	-	-	-	-	68.2	-24.6	292	385	V
4	2.442	28.56	ADR	32.3	-30.4	.19	30.56	-	-	-	-	-	-	264	152	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

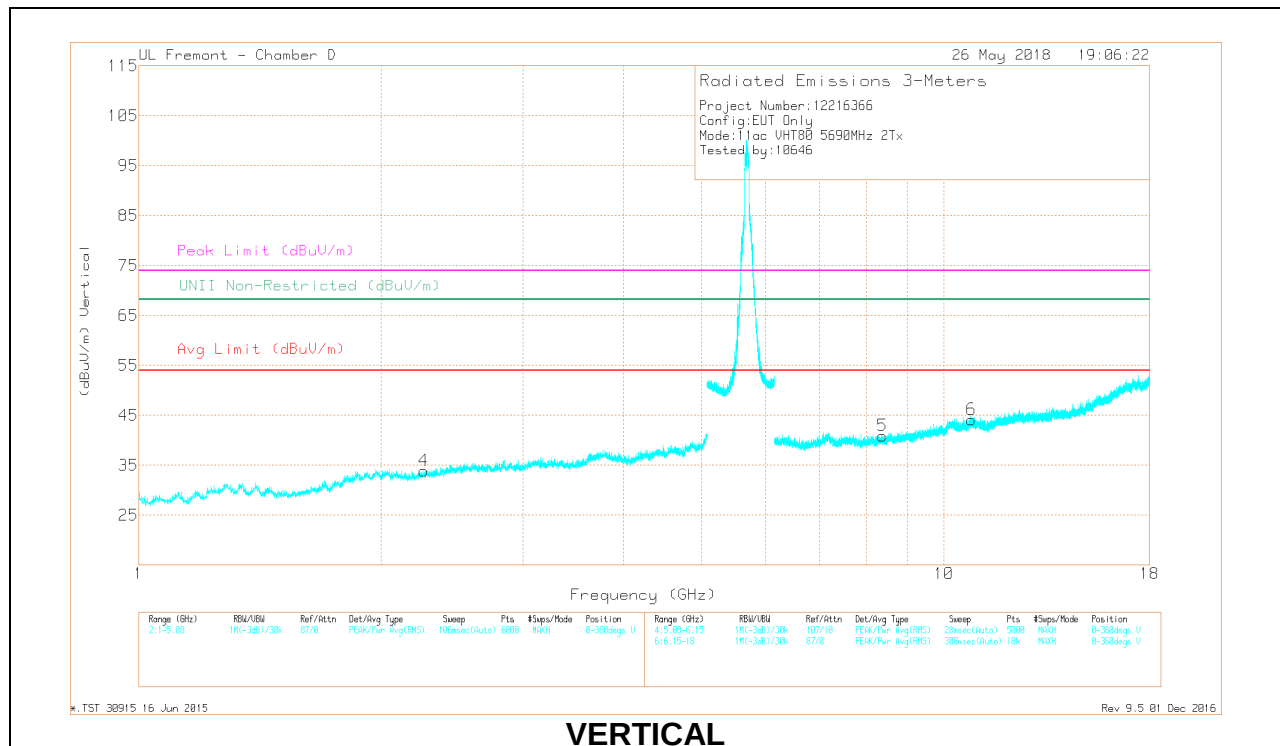
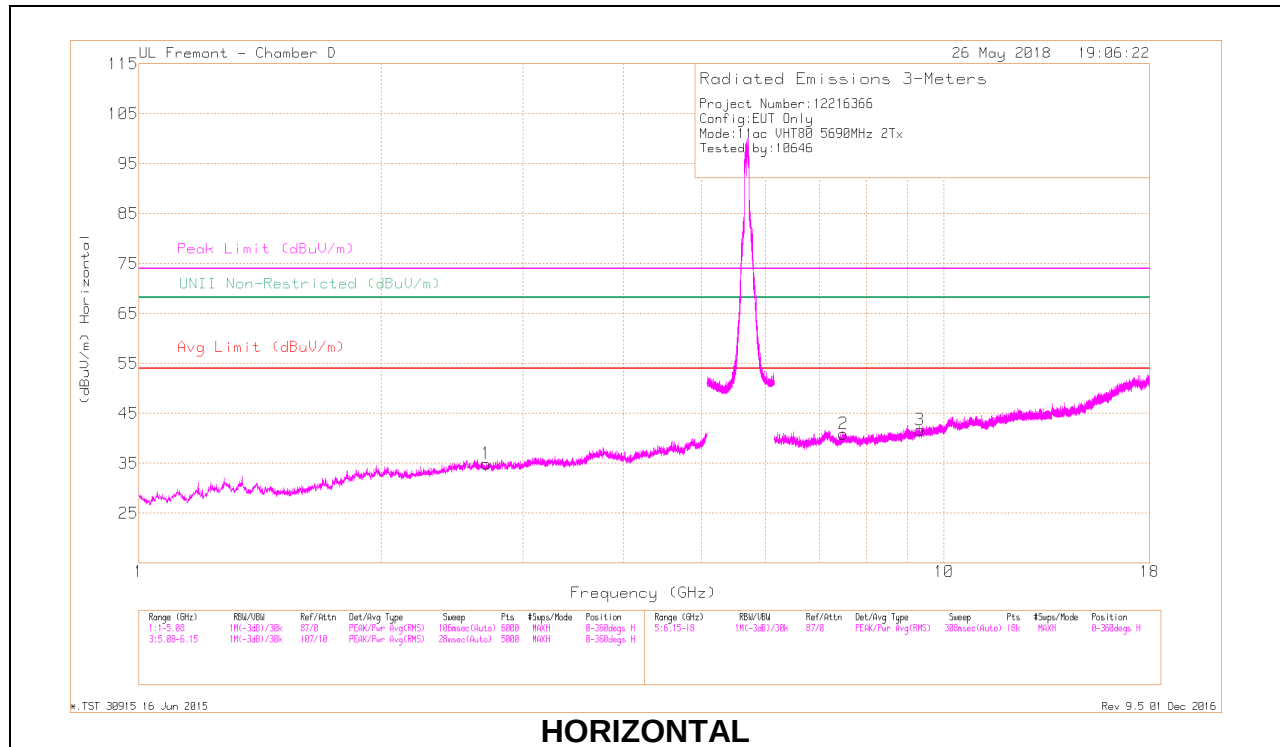
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.187	42.79	PK-U	33.4	-32.3	0	43.89	-	-	74	-30.11	-	-	195	391	H
	* 4.188	30.95	ADR	33.4	-32.3	.19	32.24	54	-21.76	-	-	-	-	195	391	H
2	* 4.711	41.21	PK-U	34.2	-31.3	0	44.11	-	-	74	-29.89	-	-	216	373	V
	* 4.711	29.46	ADR	34.2	-31.3	.19	32.55	54	-21.45	-	-	-	-	216	373	V
3	* 7.259	37.37	PK-U	35.6	-26.8	0	46.17	-	-	74	-27.83	-	-	260	399	H
	* 7.257	26.03	ADR	35.6	-26.8	.19	35.02	54	-18.98	-	-	-	-	260	399	H
6	* 11.632	35.72	PK-U	38.4	-23.5	0	50.62	-	-	74	-23.38	-	-	64	344	V
	* 11.633	23.74	ADR	38.4	-23.5	.19	38.83	54	-15.17	-	-	-	-	64	344	V
5	9	37.93	PK-U	36.2	-25.3	0	48.83	-	-	-	-	68.2	-	268	134	V
4	9.823	35.24	PK-U	37	-24.6	0	47.74	-	-	-	-	68.2	-	220	215	H
													19.37			
													20.56			

* - 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 T136 (dB/m)	Amp/Cb l/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.701	40.17	PK-U	32.6	-30.2	0	42.57	-	-	74	-31.43	333	378	H
	* 2.704	27.99	ADR	32.6	-30.2	.19	30.58	54	-23.42	-	-	333	378	H
4	* 2.258	40.21	PK-U	31.5	-30.6	0	41.11	-	-	74	-32.89	66	208	V
	* 2.259	28.47	ADR	31.5	-30.6	.19	29.56	54	-24.44	-	-	66	208	V
2	* 7.501	35.51	PK-U	36.3	-24	0	47.81	-	-	74	-26.19	194	136	H
	* 7.501	23.59	ADR	36.3	-24	.19	36.08	54	-17.92	-	-	194	136	H
3	* 9.335	34.39	PK-U	36.4	-21.5	0	49.29	-	-	74	-24.71	5	124	H
	* 9.333	22.37	ADR	36.4	-21.5	.19	37.46	54	-16.54	-	-	5	124	H
5	* 8.387	35.56	PK-U	35.9	-23.2	0	48.26	-	-	74	-25.74	305	174	V
	* 8.387	23.15	ADR	35.9	-23.1	.19	36.14	54	-17.86	-	-	305	174	V
6	* 10.815	33.27	PK-U	37.7	-20	0	50.97	-	-	74	-23.03	162	125	V
	* 10.812	21.58	ADR	37.7	-20.1	.19	39.37	54	-14.63	-	-	162	125	V

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

PK-U - U-NII: Maximum Peak

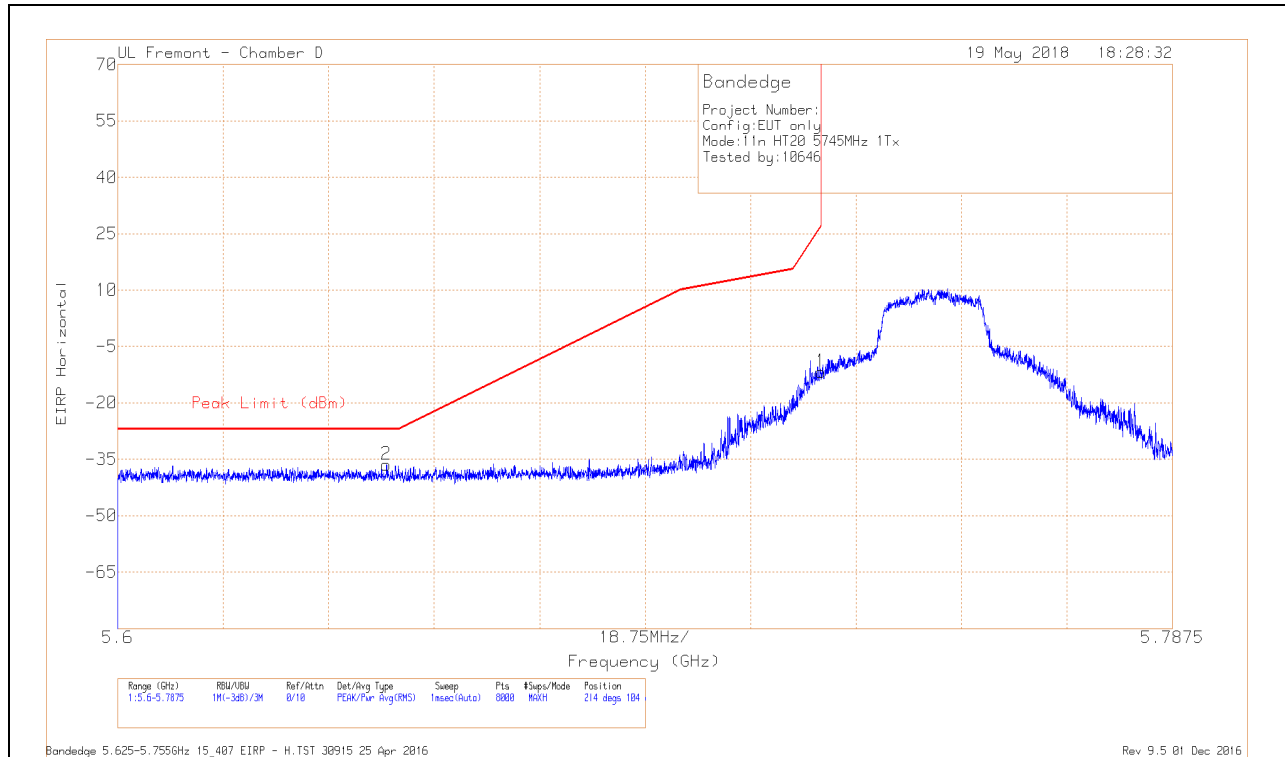
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (LOW CHANNEL)

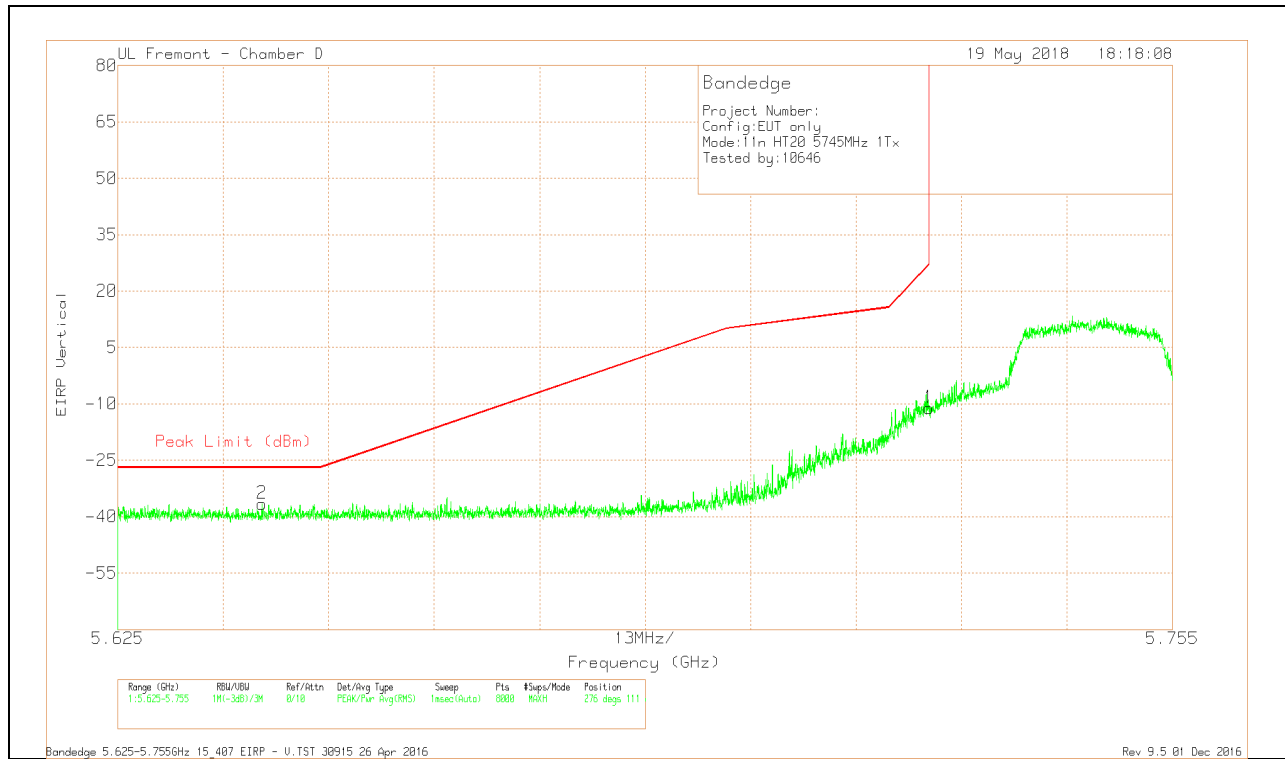
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-66.49	Pk	35.3	-17.1	11.8	-36.49	-27	-9.49	214	104	H
1	5.725	-42.1	Pk	35.6	-17.1	11.8	-11.8	26.96	-38.76	214	104	H

Pk - Peak detector

VERTICAL RESULT

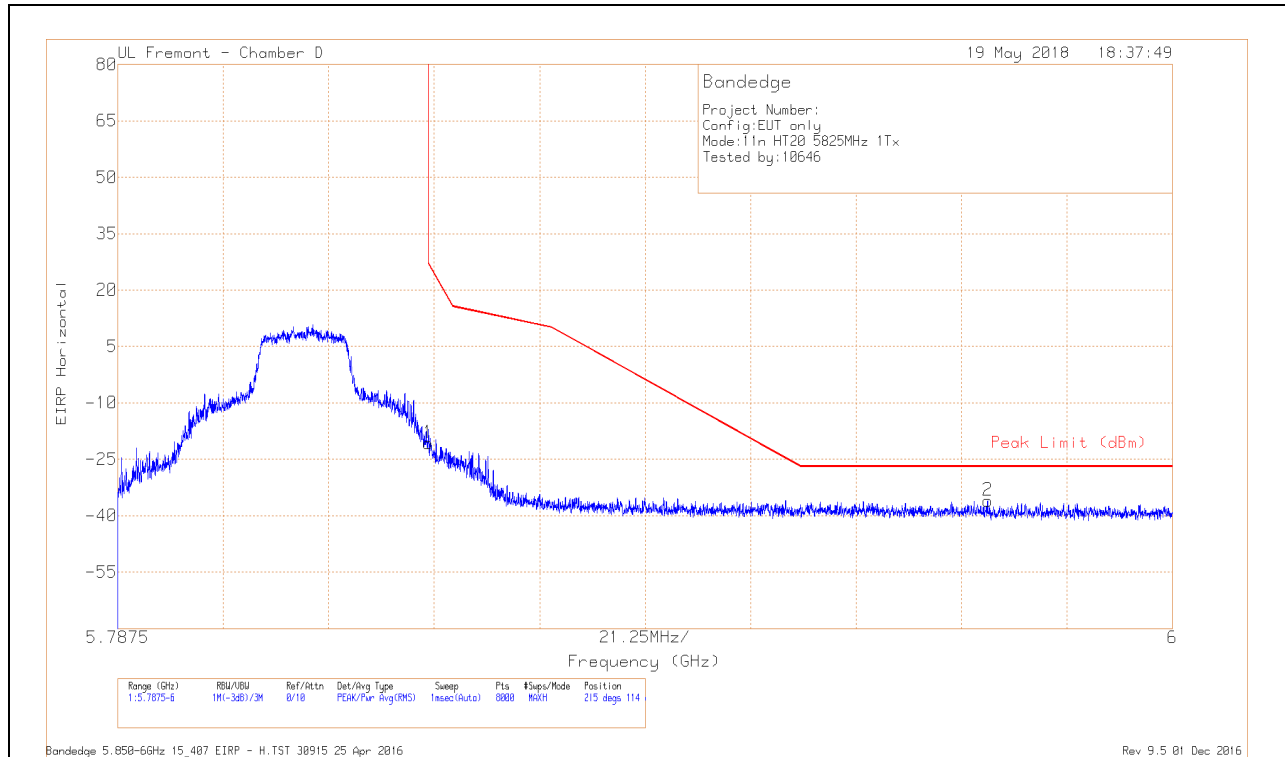


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T138 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-66.52	Pk	35.3	-17.2	11.8	-36.62	-27	-9.62	276	111	V
1	5.725	-41.51	Pk	35.6	-17.1	11.8	-11.21	27	-38.21	276	111	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

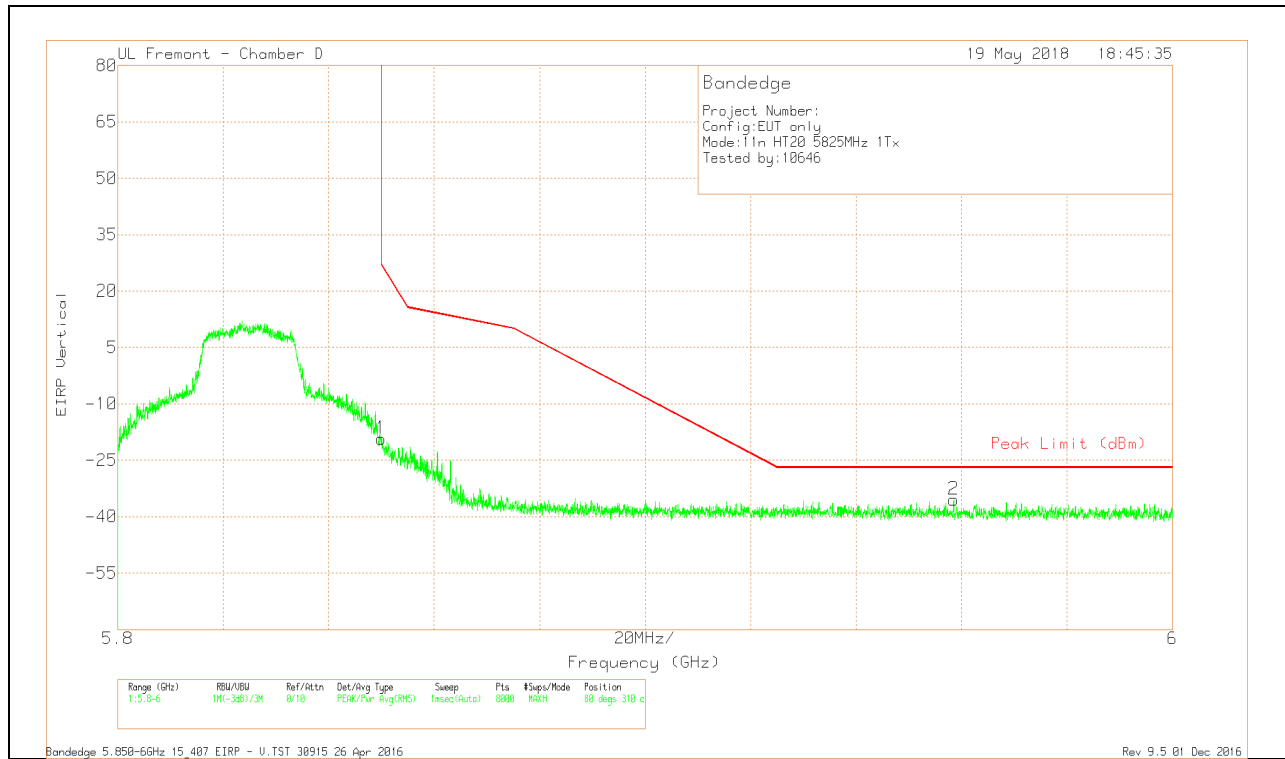
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	-51.34	Pk	35.8	-17	11.8	-20.74	26.98	-47.72	215	114	H
2	5.963	-66.61	Pk	35.8	-17	11.8	-36.01	-27	-9.01	215	114	H

Pk - Peak detector

VERTICAL RESULT



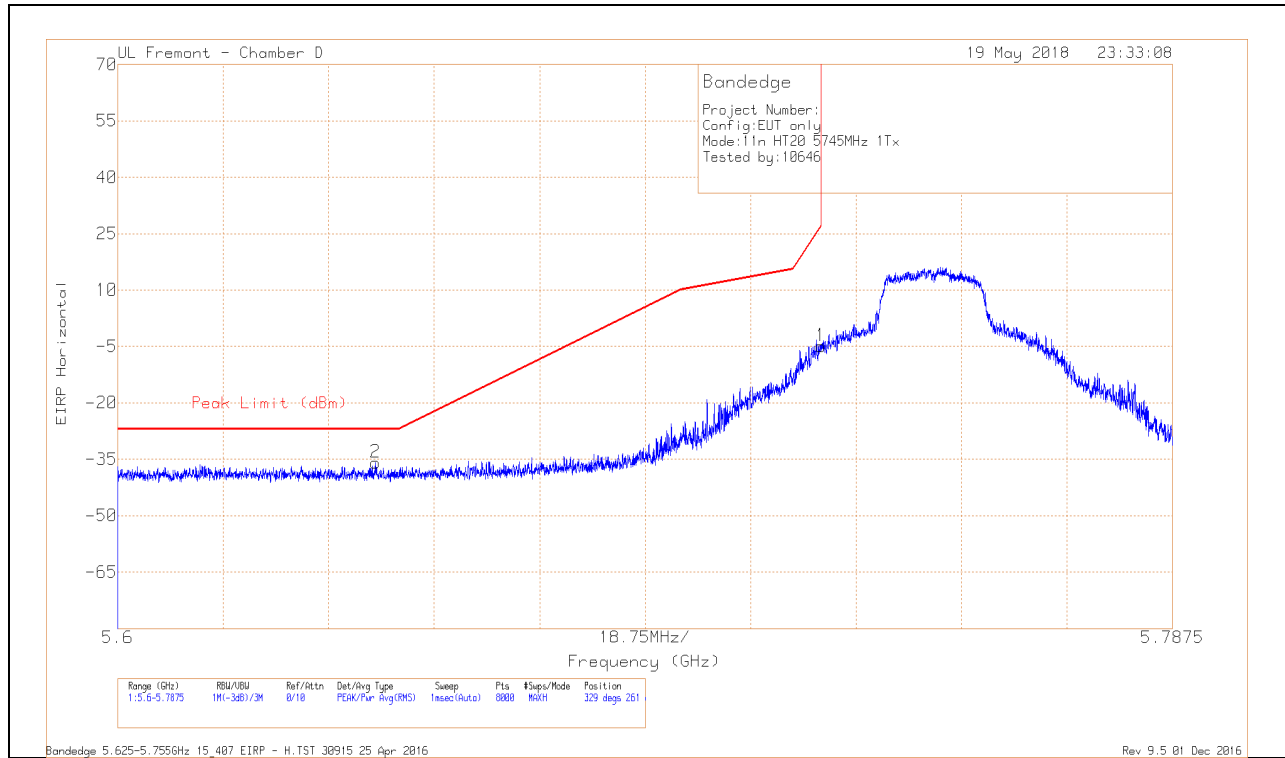
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.76	Pk	35.8	-17	11.8	-19.16	26.99	-46.15	80	310	V
2	5.959	-66.08	Pk	35.8	-17	11.8	-35.48	-27	-8.48	80	310	V

Pk - Peak detector

1TX ANTENNA 5

BANDEDGE (LOW CHANNEL)

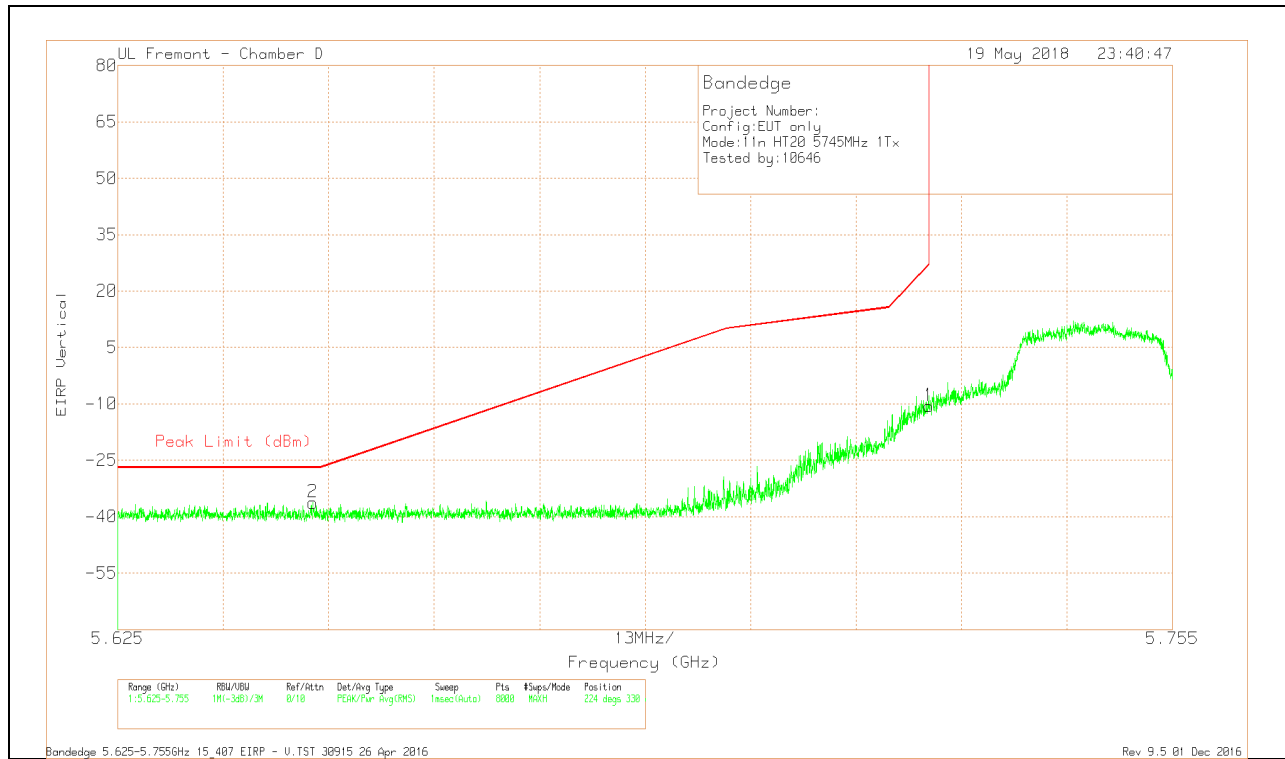
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-65.96	Pk	35.3	-17.1	11.8	-35.96	-27	-8.96	329	261	H
1	5.725	-35.15	Pk	35.6	-17.1	11.8	-4.85	26.96	-31.81	329	261	H

Pk - Peak detector

VERTICAL RESULT

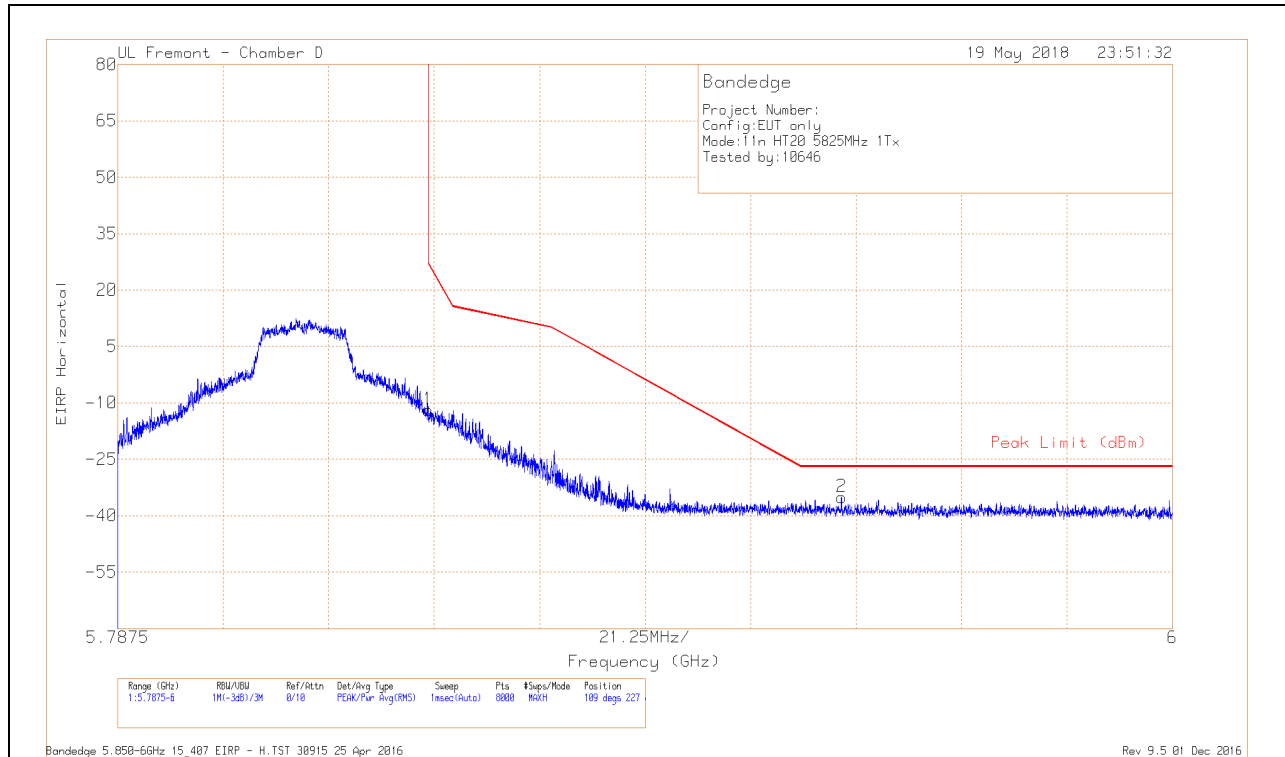


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-66.28	Pk	35.3	-17.1	11.8	-36.28	-27	-9.28	224	330	V
1	5.725	-40.82	Pk	35.6	-17.1	11.8	-10.52	27	-37.52	224	330	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

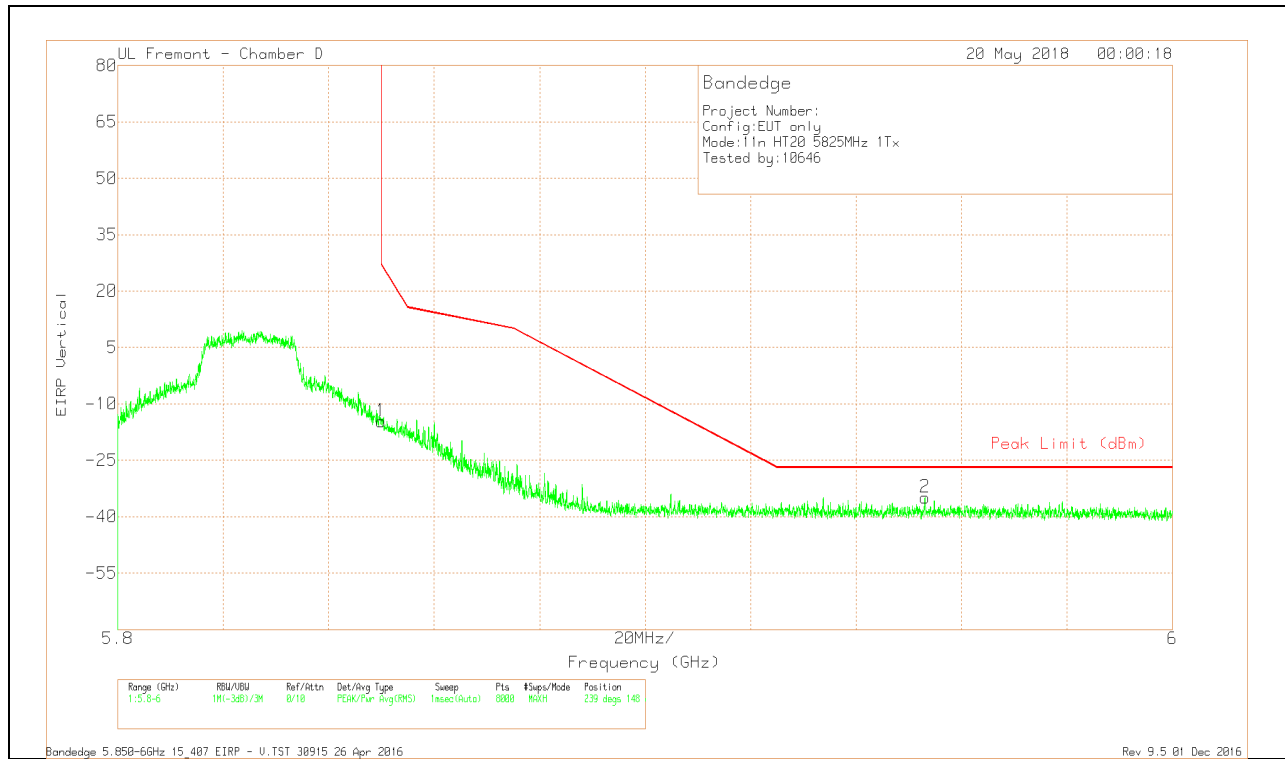
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	-42.44	Pk	35.8	-17	11.8	-11.84	26.98	-38.82	109	227	H
2	5.933	-65.74	Pk	35.8	-16.9	11.8	-35.04	-27	-8.04	109	227	H

Pk - Peak detector

VERTICAL RESULT



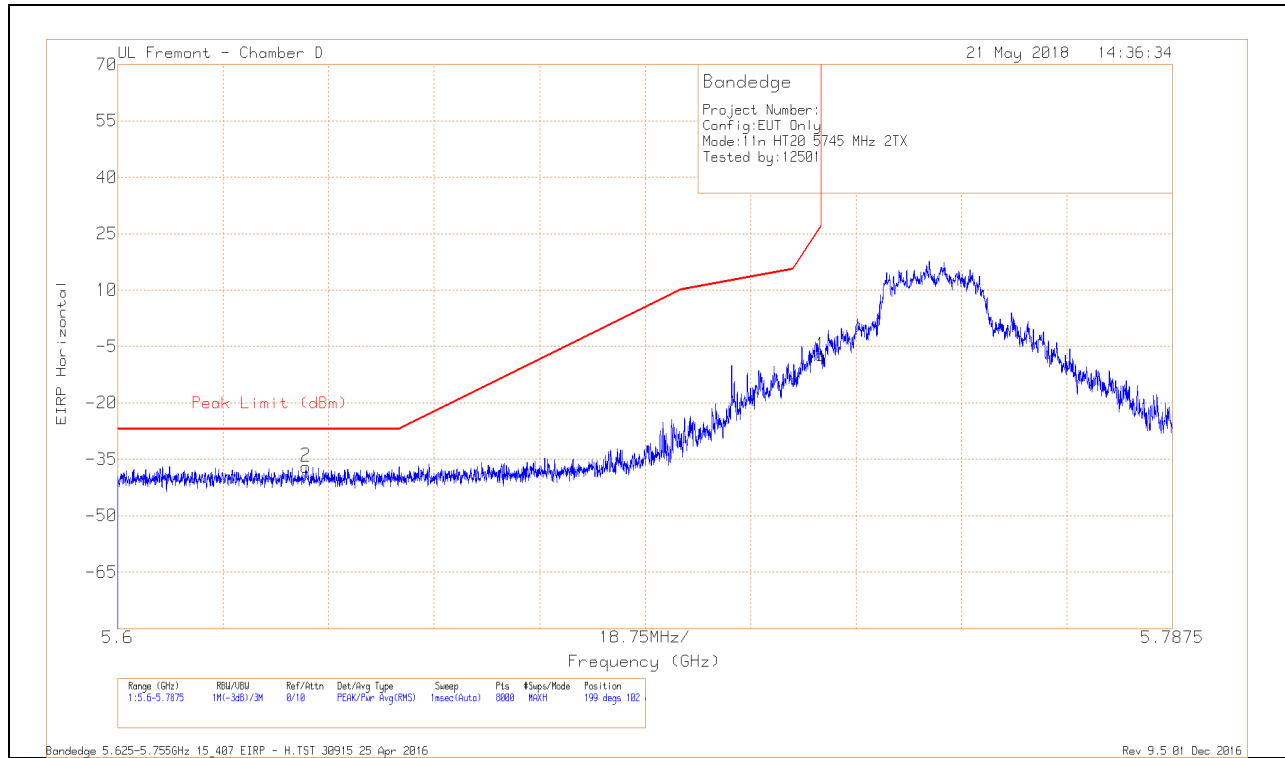
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.27	Pk	35.8	-17	11.8	-14.67	26.99	-41.66	239	148	V
2	5.953	-65.53	Pk	35.8	-17	11.8	-34.93	-27	-7.93	239	148	V

Pk - Peak detector

2TX Antenna 4 + ANTENNA 5 CDD MODE

BANDEDGE (LOW CHANNEL)

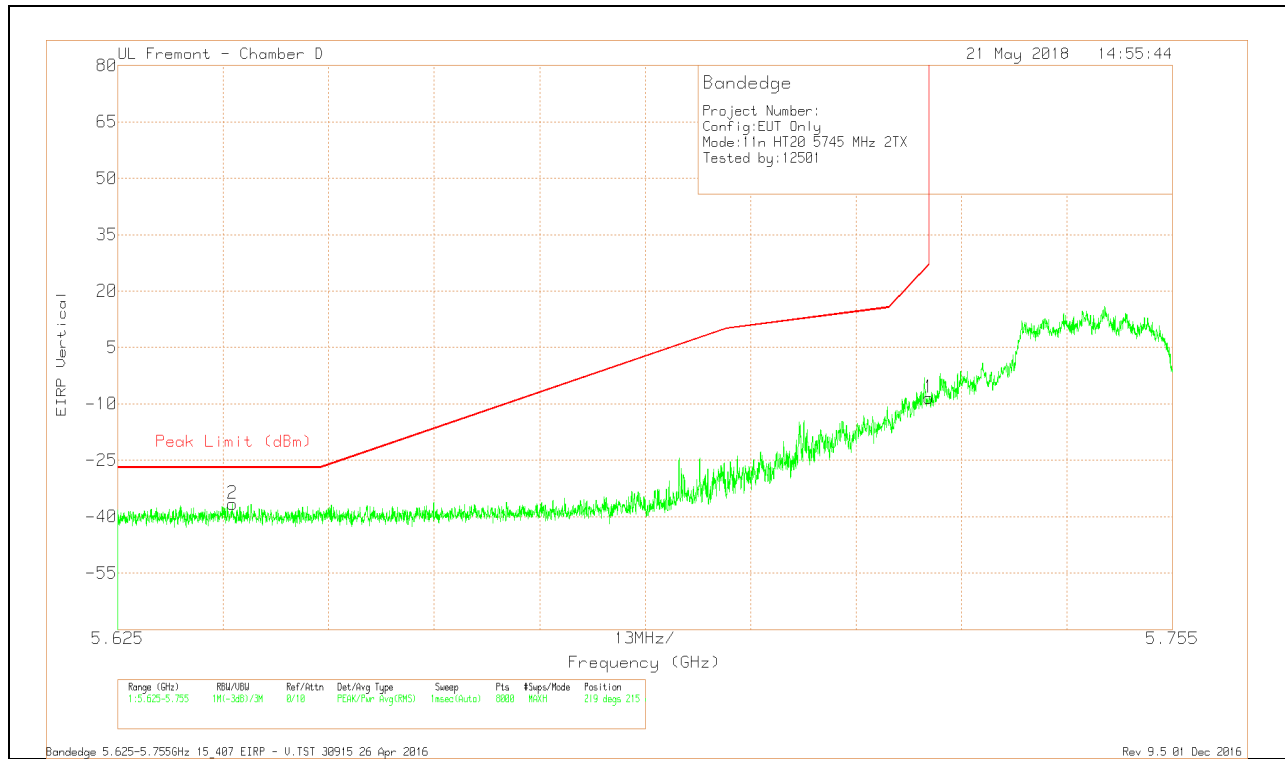
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb1/F1tr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.633	-66.89	Pk	35.3	-17.1	11.8	-36.89	-27	-9.89	199	102	H
1	5.725	-37.66	Pk	35.6	-17.1	11.8	-7.36	26.96	-34.32	199	102	H

Pk - Peak detector

VERTICAL RESULT

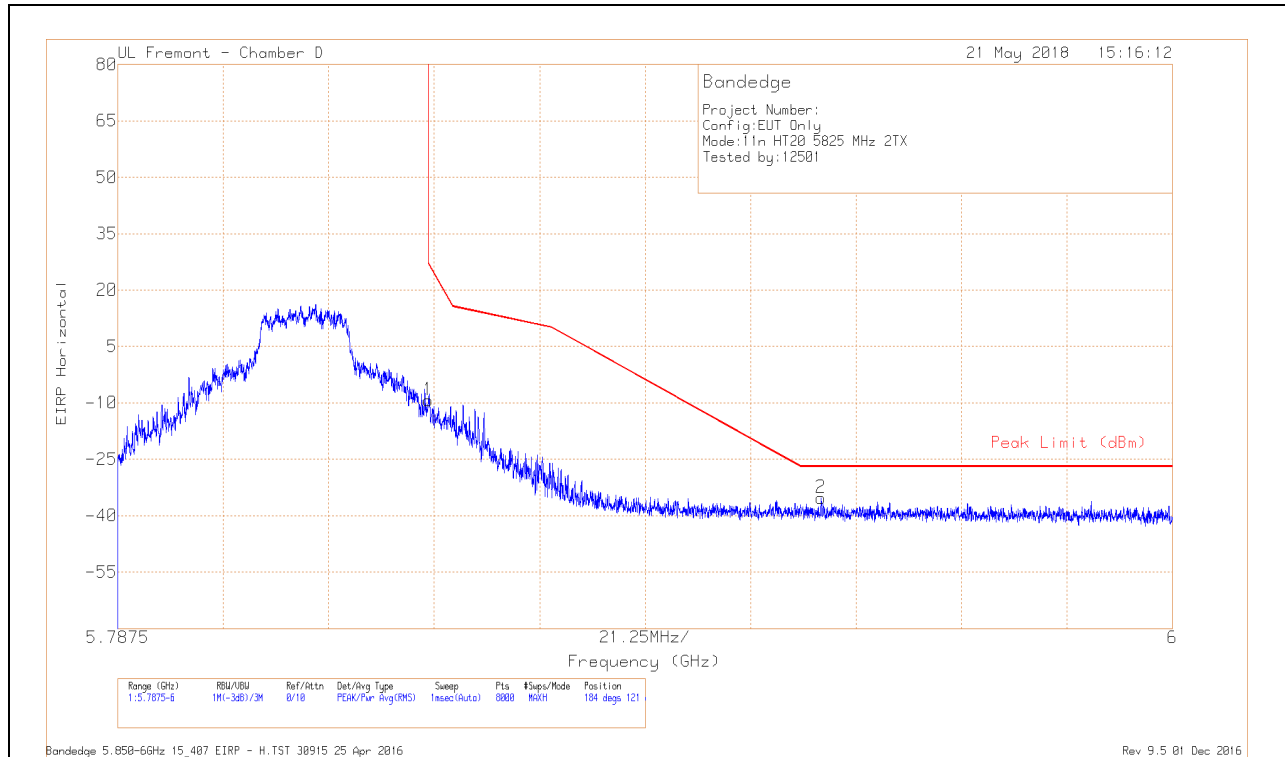


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.639	-66.59	Pk	35.3	-17.1	11.8	-36.59	-27	-9.59	219	215	V
1	5.725	-38.62	Pk	35.6	-17.1	11.8	-8.32	27	-35.32	219	215	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

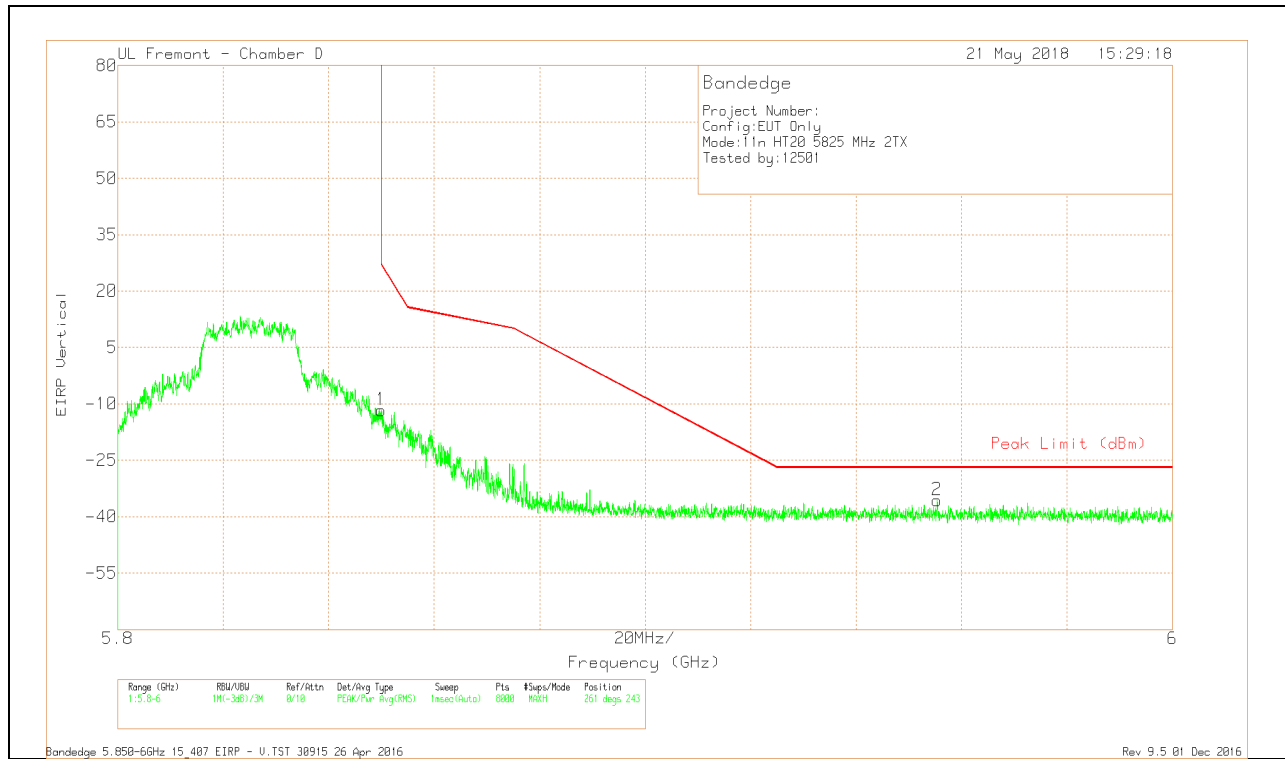
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbll/Fitr/P ad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-39.97	Pk	35.8	-17	11.8	-9.37	26.98	-36.35	184	121	H
2	5.929	-65.95	Pk	35.8	-16.9	11.8	-35.25	-27	-8.25	184	121	H

Pk - Peak detector

VERTICAL RESULT

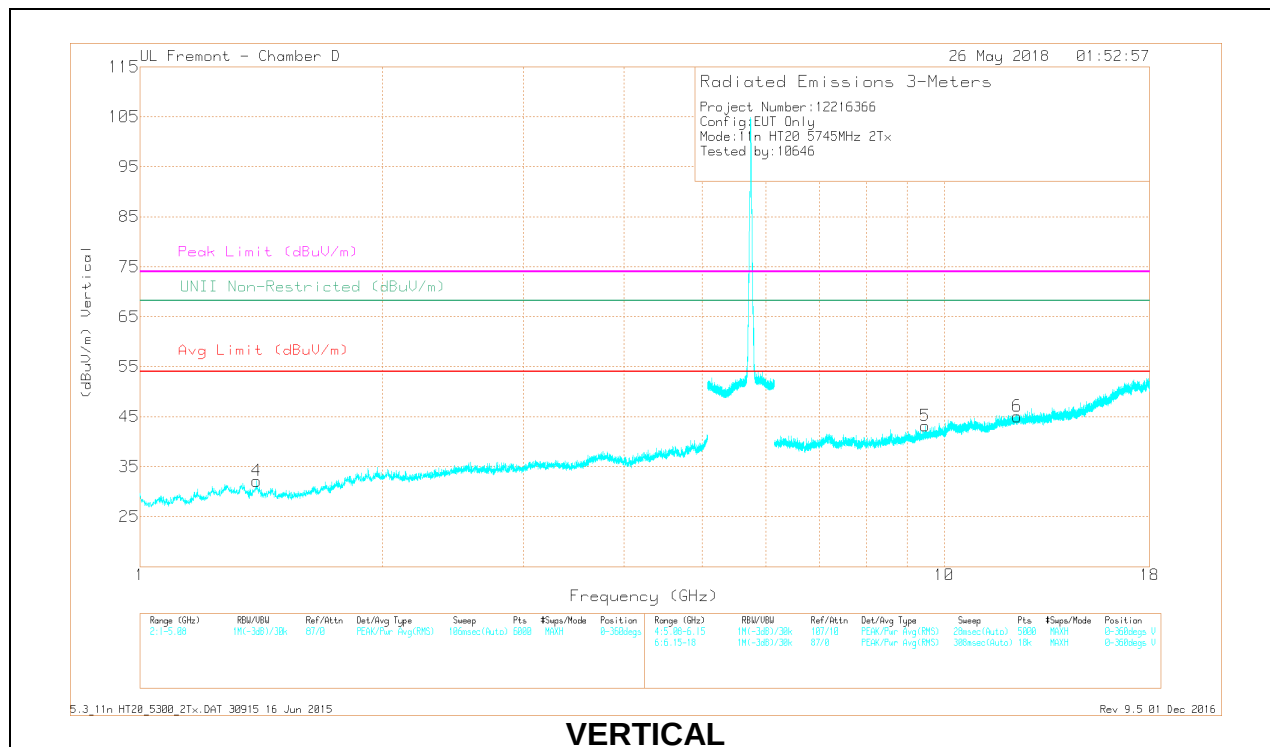
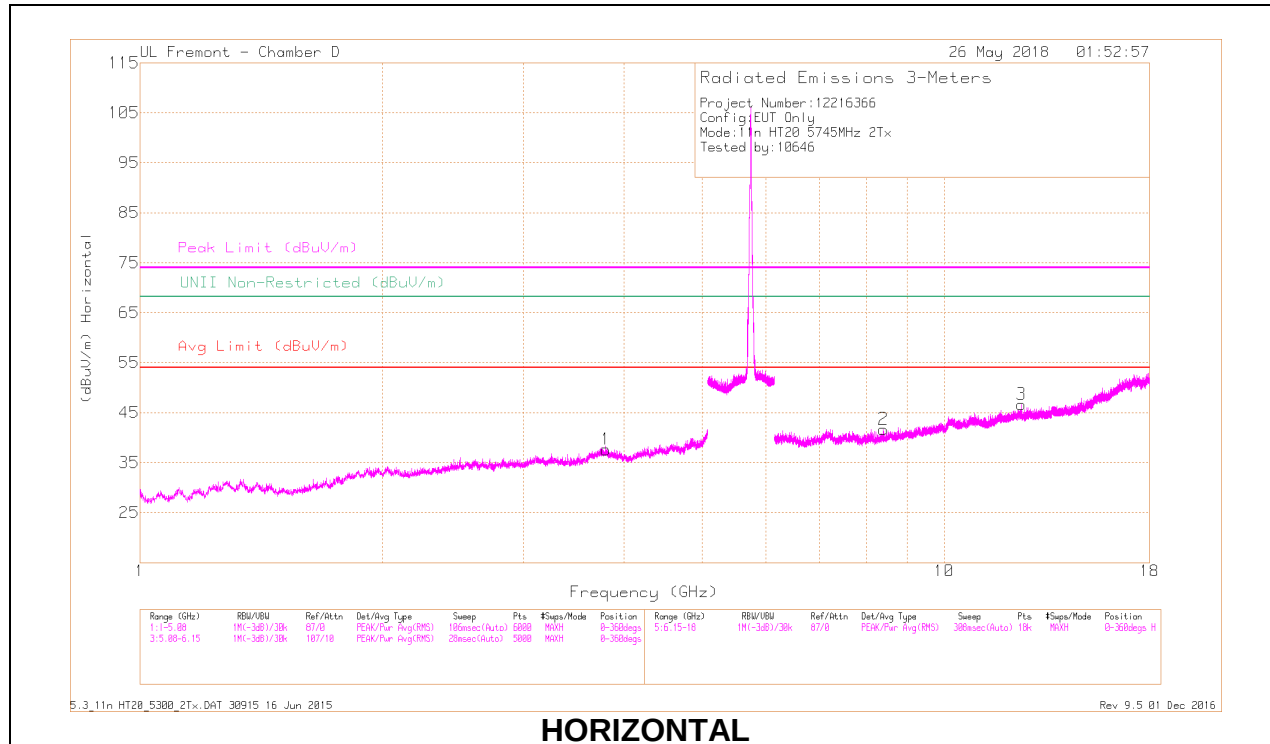


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-42.23	Pk	35.8	-17	11.8	-11.63	26.99	-38.62	261	243	V
2	5.955	-66.22	Pk	35.8	-17	11.8	-35.62	-27	-8.62	261	243	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

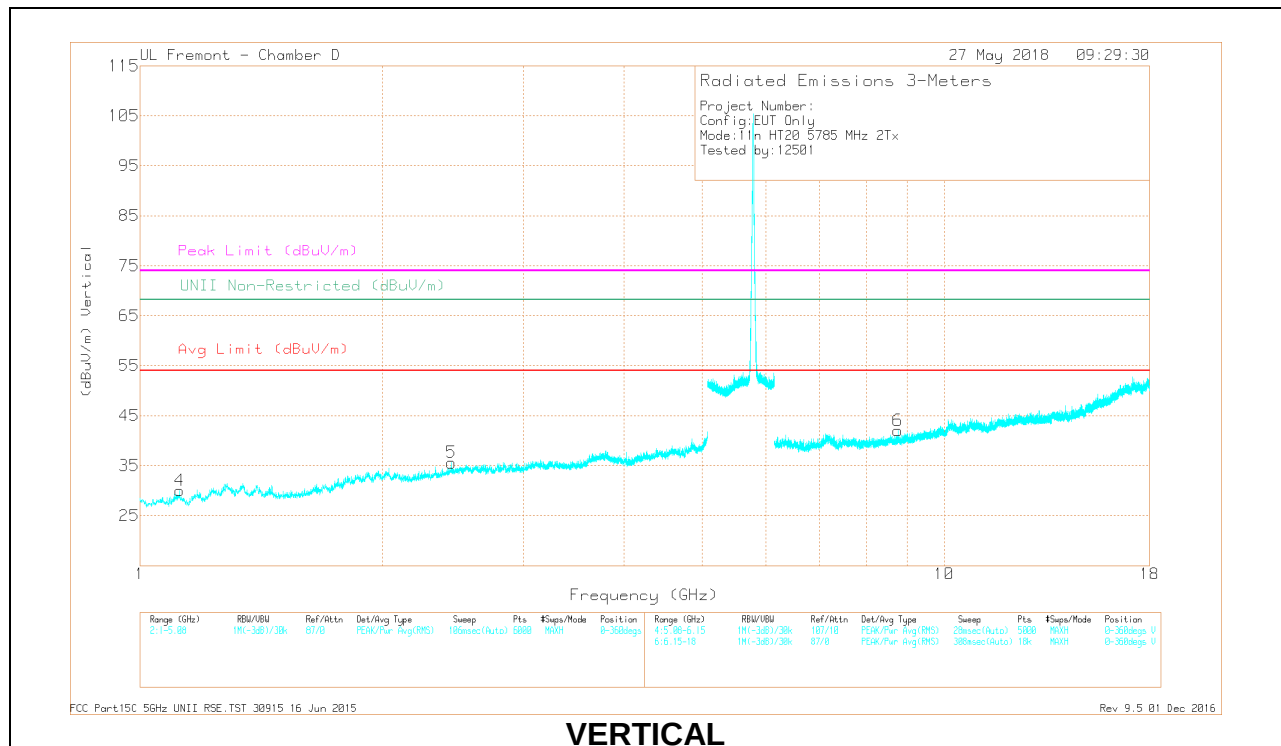
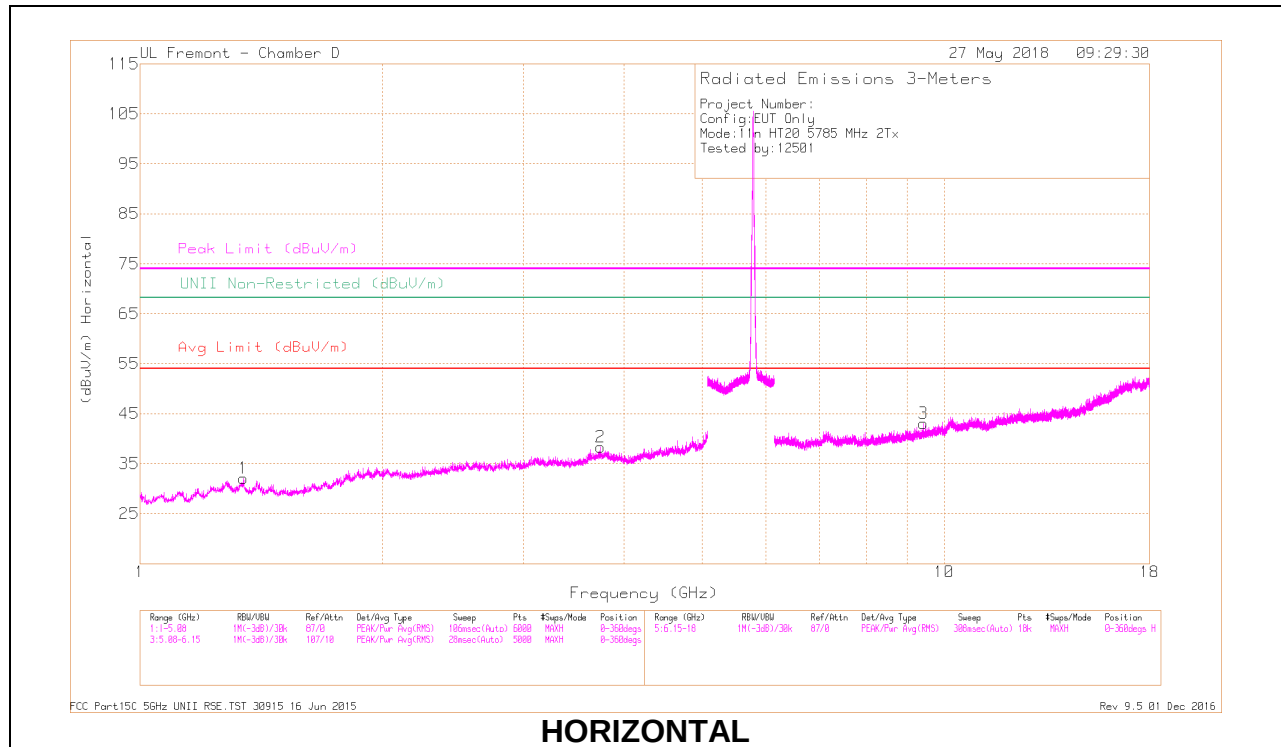
Markers	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.799	38.24	PK-U	33.7	-28.2	43.74	-	-	74	-30.26	208	306	H
	* 3.801	26.63	ADR	33.7	-28.2	32.13	54	-21.87	-	-	208	306	H
4	* 1.396	41.33	PK-U	28.8	-31	39.13	-	-	74	-34.87	78	193	V
	* 1.397	29.26	ADR	28.8	-30.9	27.16	54	-26.84	-	-	78	193	V
2	* 8.4	34.6	PK-U	35.9	-23.2	47.3	-	-	74	-26.7	255	319	H
	* 8.403	23.23	ADR	35.9	-23.3	35.83	54	-18.17	-	-	255	319	H
3	* 12.482	33.84	PK-U	39	-20.7	52.14	-	-	74	-21.86	189	400	H
	* 12.48	22.23	ADR	39	-20.7	40.53	54	-13.47	-	-	189	400	H
5	* 9.463	32.78	PK-U	36.6	-21.1	48.28	-	-	74	-25.72	312	174	V
	* 9.463	21.75	ADR	36.6	-21.1	37.25	54	-16.75	-	-	312	174	V
6	* 12.315	33.76	PK-U	38.9	-20.9	51.76	-	-	74	-22.24	212	255	V
	* 12.316	22.33	ADR	38.9	-20.9	40.33	54	-13.67	-	-	212	255	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

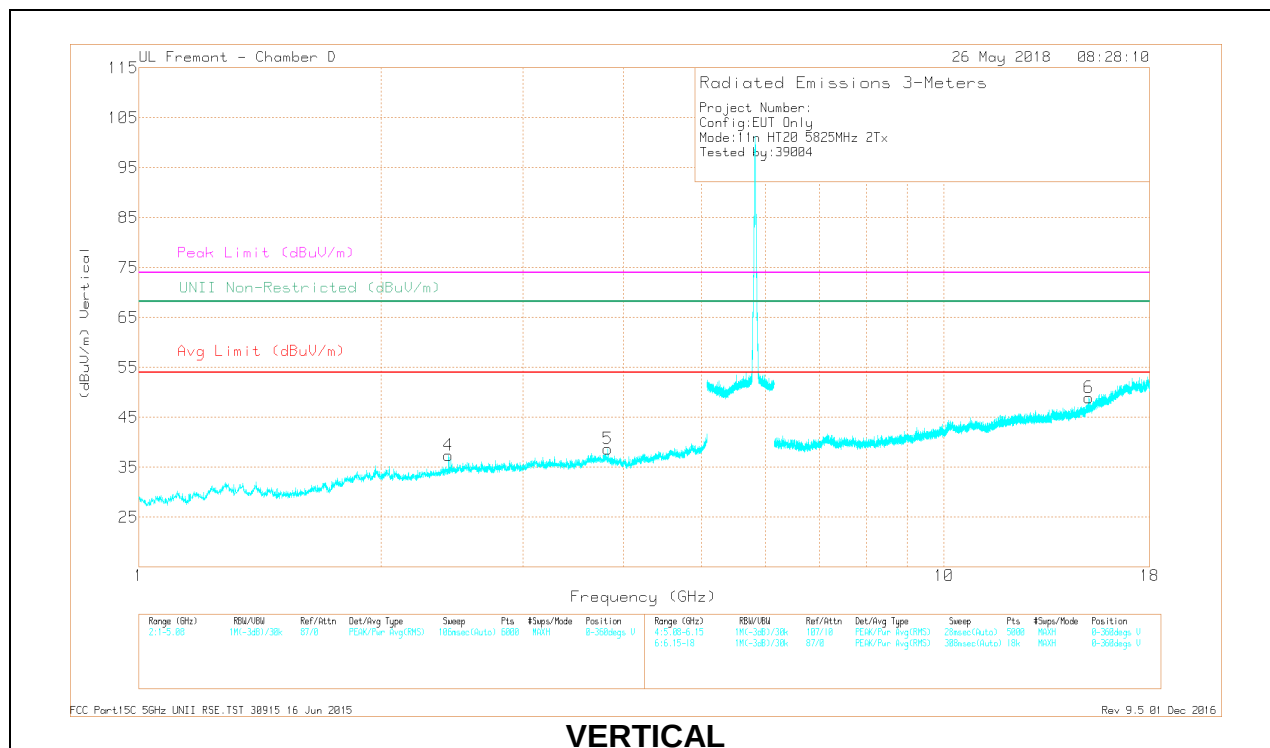
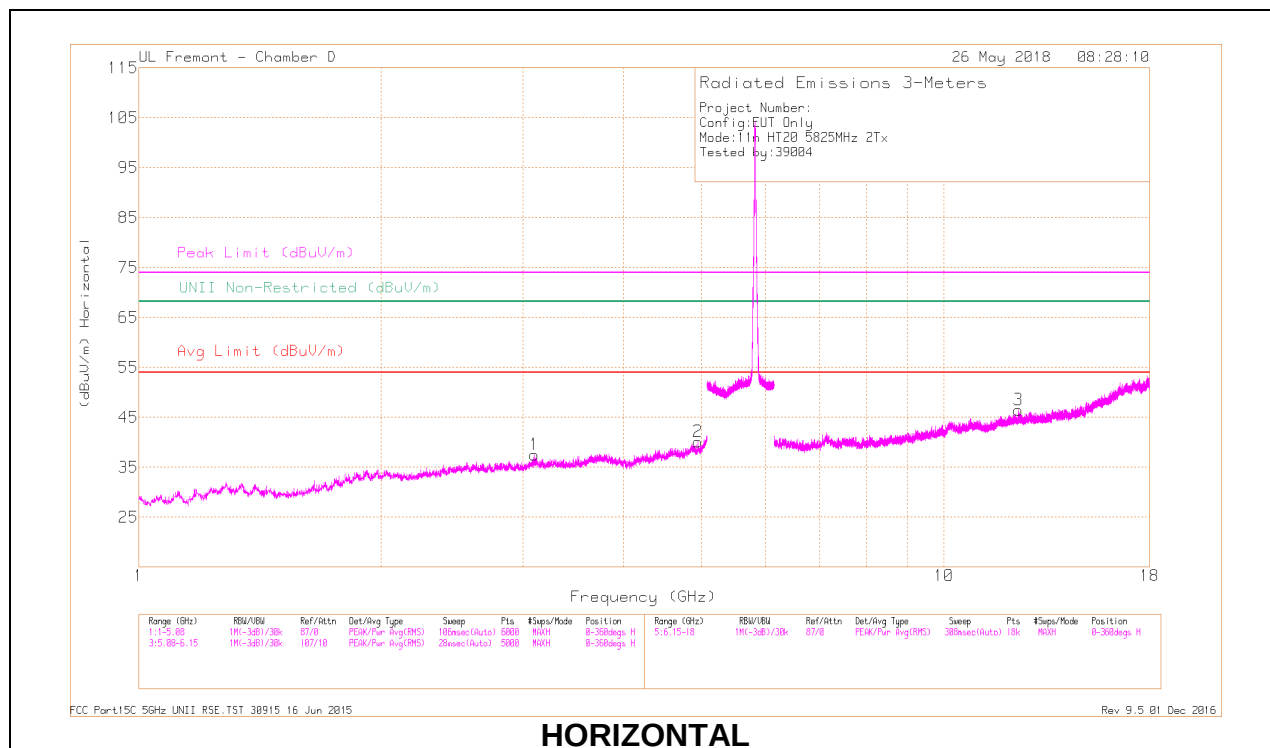
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.346	41.35	PK-U	28.9	-31	39.25	-	-	74	-34.75	-	-	360	276	H
	* 1.344	28.98	ADR	28.9	-31.1	26.78	54	-27.22	-	-	-	-	360	276	H
2	* 3.737	38.02	PK-U	33.4	-28.6	42.62	-	-	74	-31.18	-	-	284	400	H
	* 3.735	26.41	ADR	33.4	-28.6	31.21	54	-22.79	-	-	-	-	284	400	H
4	* 1.121	41.53	PK-U	27.4	-31.5	37.13	-	-	74	-36.87	-	-	149	112	V
	* 1.12	29.39	ADR	27.4	-31.7	25.09	54	-28.91	-	-	-	-	149	112	V
3	* 9.422	33.73	PK-U	36.6	-21.6	48.73	-	-	74	-25.27	-	-	332	308	H
	* 9.42	21.74	ADR	36.6	-21.6	36.74	54	-17.26	-	-	-	-	332	308	H
5	2.438	40.62	PK-U	32.2	-30.4	42.42	-	-	-	-	68.2	-25.78	203	181	V
6	8.756	34.66	PK-U	36	-22.3	48.36	-	-	-	-	68.2	-19.84	41	102	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	AmpCblFtrPad (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	* 4.947	37.6	PK-U	34.3	-26.3	45.6	-	-	74	-28.4	-	-	185	179	H
	* 4.949	26.38	ADR	34.3	-26.4	34.28	54	-19.72	-	-	-	-	185	179	H
5	* 3.825	38.21	PK-U	33.6	-28.3	43.51	-	-	74	-30.49	-	-	190	122	V
	* 3.825	26.93	ADR	33.6	-28.3	32.23	54	-21.77	-	-	-	-	190	122	V
3	* 12.379	33.79	PK-U	38.9	-20.4	52.29	-	-	74	-21.71	-	-	210	144	H
	* 12.378	22.72	ADR	38.9	-20.4	41.22	54	-12.78	-	-	-	-	210	144	H
4	2.427	40.6	PK-U	32.1	-30.3	42.4	-	-	-	-	68.2	-25.8	310	221	V
1	3.088	39.36	PK-U	33.1	-28.6	43.86	-	-	-	-	68.2	-24.34	352	183	H
6	15.135	34.78	PK-U	40.2	-19.8	55.18	-	-	-	-	68.2	-13.02	213	236	V

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

PK-U - U-NII: Maximum Peak

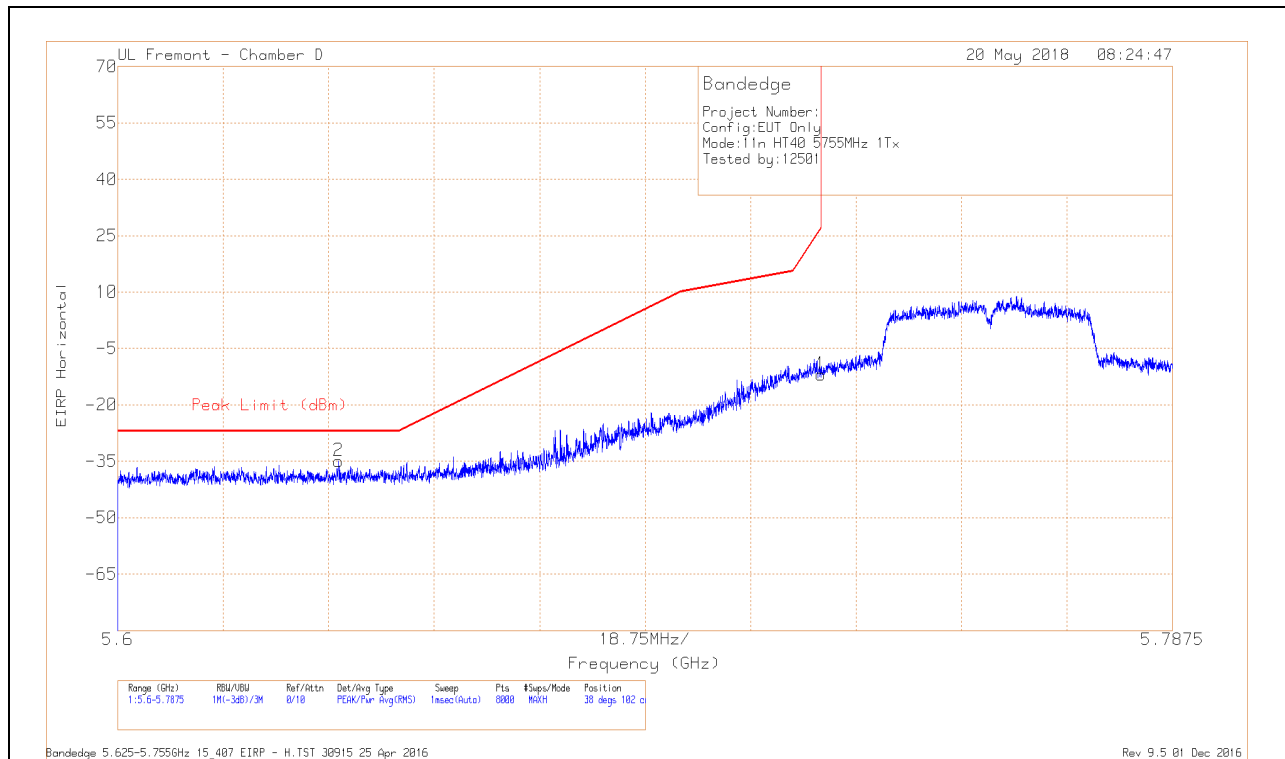
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (LOW CHANNEL)

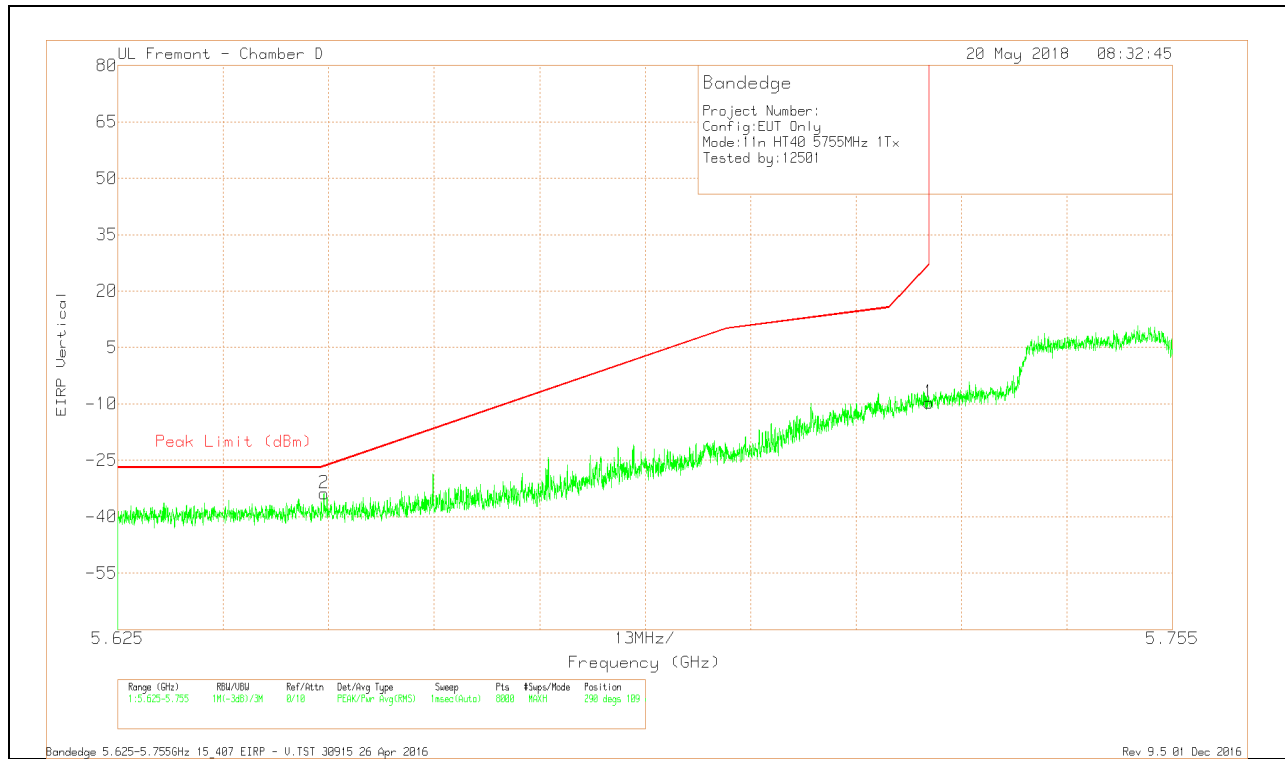
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	5.639	-64.9	Pk	35.3	-17.1	11.8	-34.9	-27	-7.9	38	102	H
1	5.725	-42.28	Pk	35.6	-17.1	11.8	-11.98	26.96	-38.94	38	102	H

Pk - Peak detector

VERTICAL RESULT

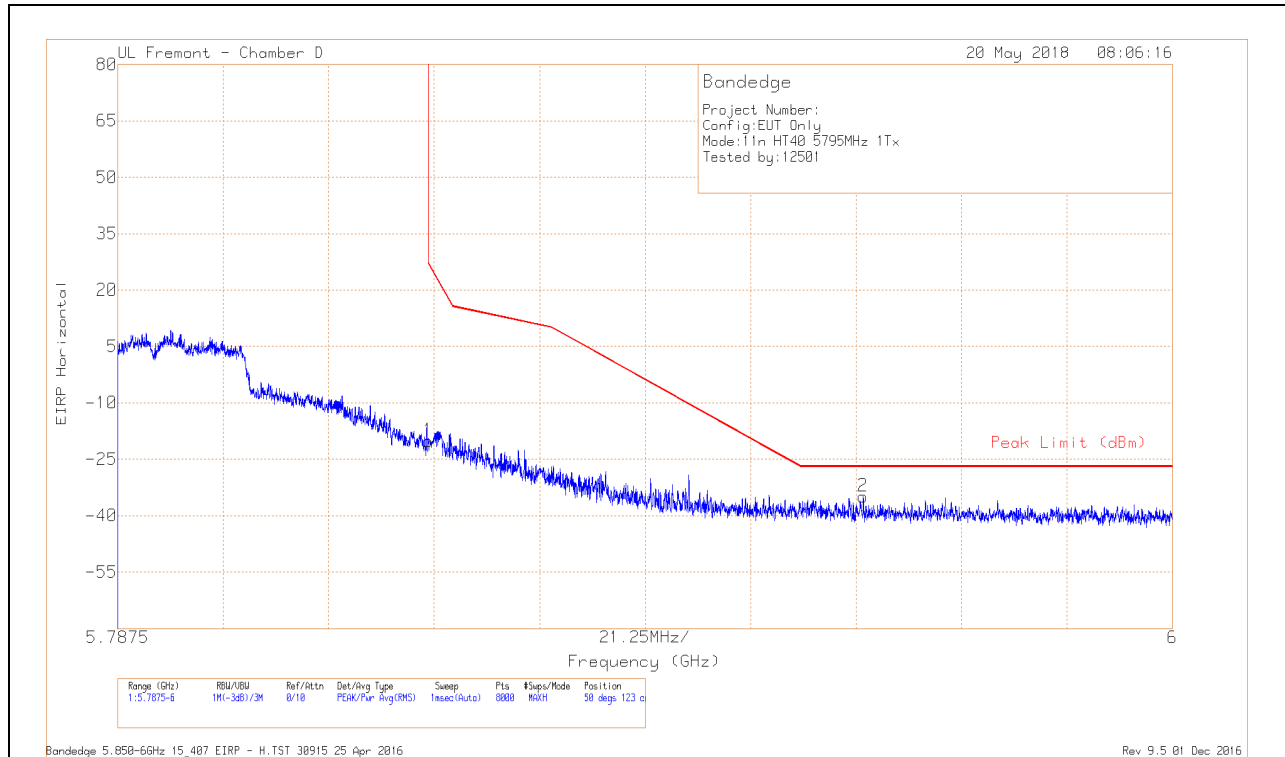


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-63.83	Pk	35.3	-17.1	11.8	-33.83	-26.7	-7.13	290	109	V
1	5.725	-39.94	Pk	35.6	-17.1	11.8	-9.64	27	-36.64	290	109	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

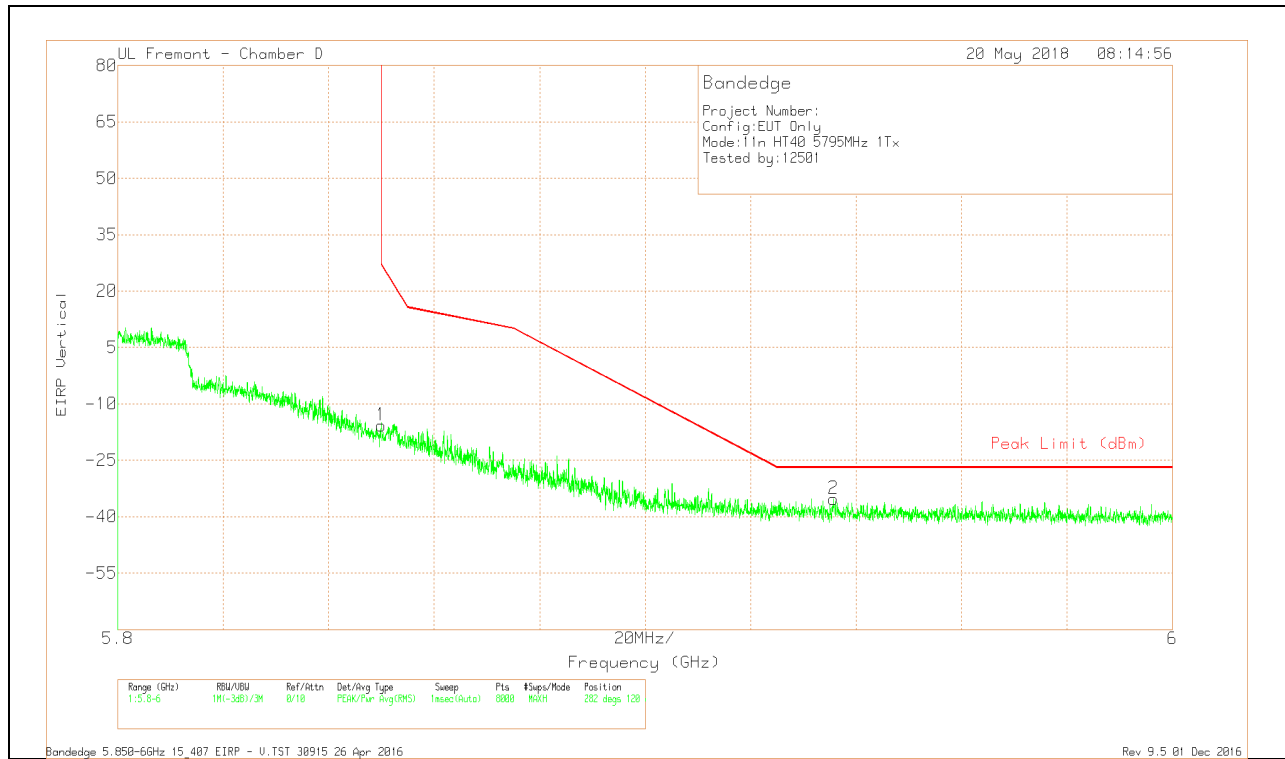
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/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	-50.74	Pk	35.8	-17	11.8	-20.14	26.98	-47.12	50	123	H
2	5.938	-65.47	Pk	35.8	-17	11.8	-34.87	-27	-7.87	50	123	H

Pk - Peak detector

VERTICAL RESULT



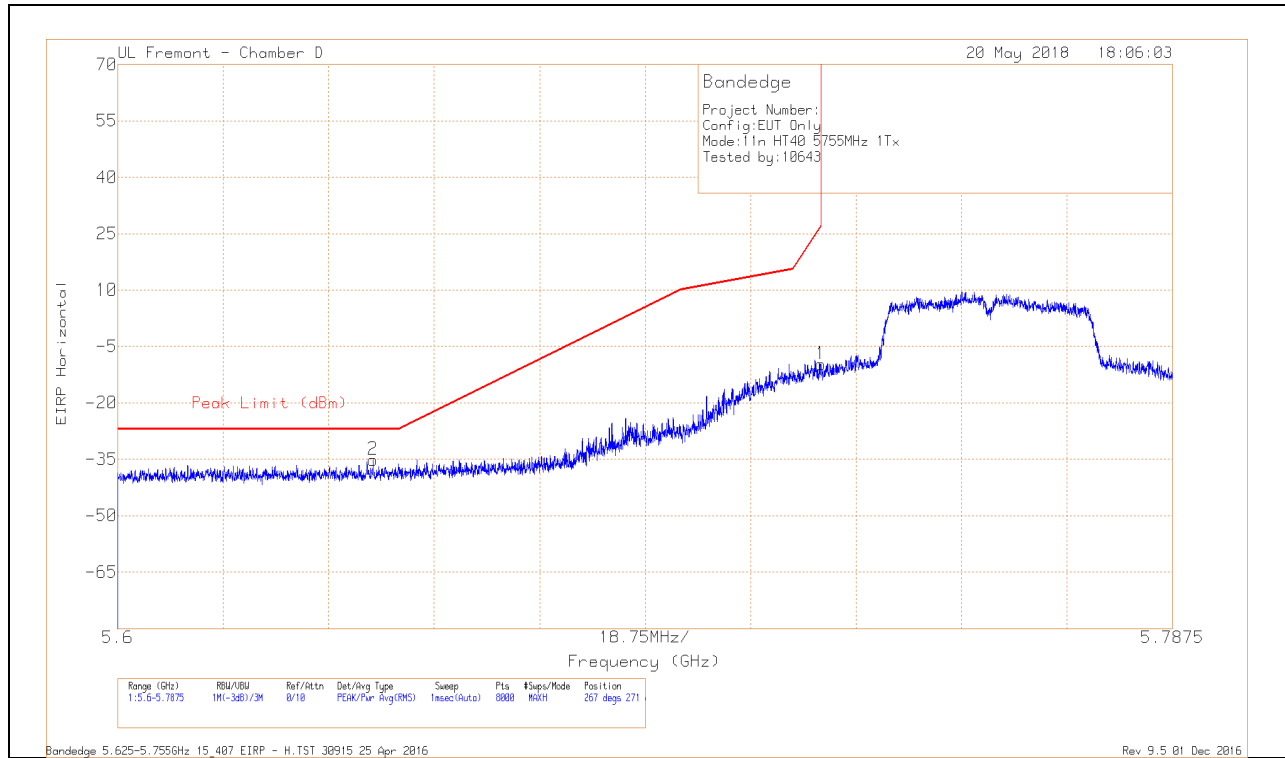
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.31	Pk	35.8	-17	11.8	-15.71	26.99	-42.7	282	120	V
2	5.936	-65.96	Pk	35.8	-16.9	11.8	-35.26	-27	-8.26	282	120	V

Pk - Peak detector

1TX ANTENNA 5

BANDEDGE (LOW CHANNEL)

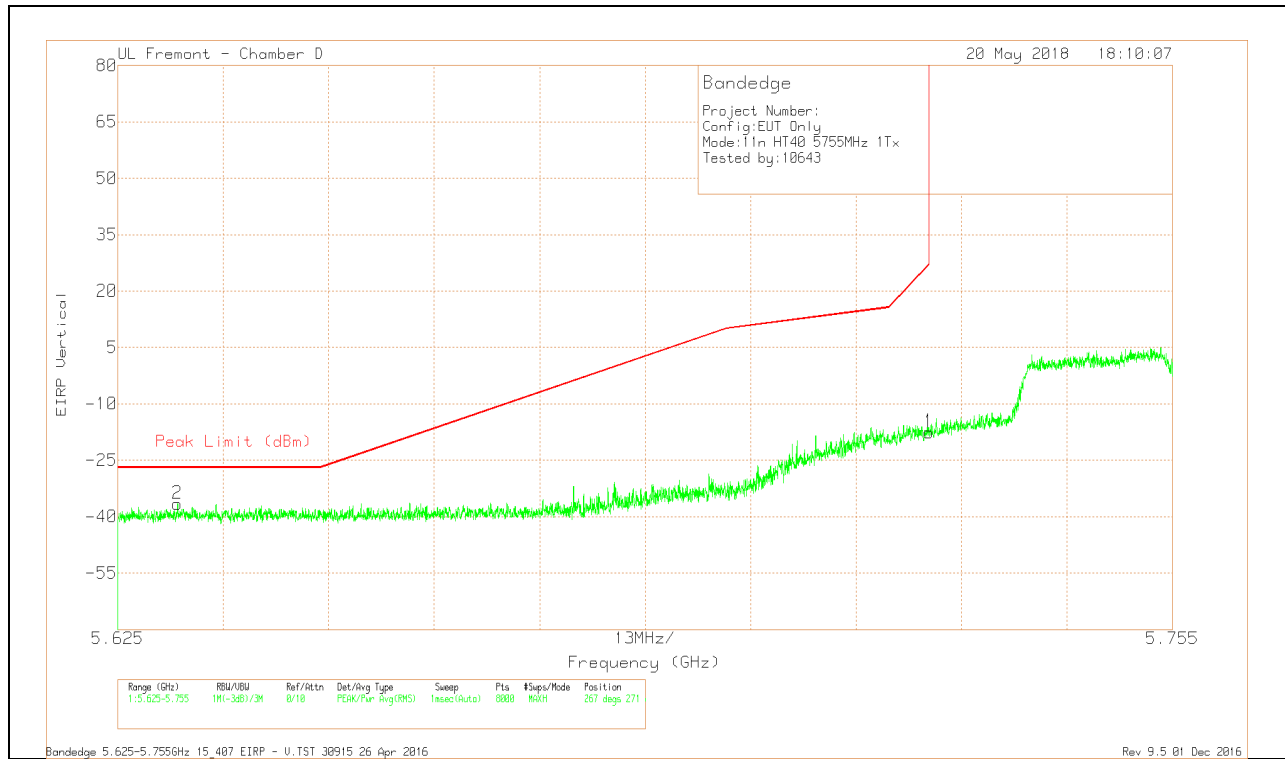
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-65.18	Pk	35.3	-17.1	11.8	-35.18	-27	-8.18	267	271	H
1	5.725	-40	Pk	35.6	-17.1	11.8	-9.7	26.96	-36.66	267	271	H

Pk - Peak detector

VERTICAL RESULT

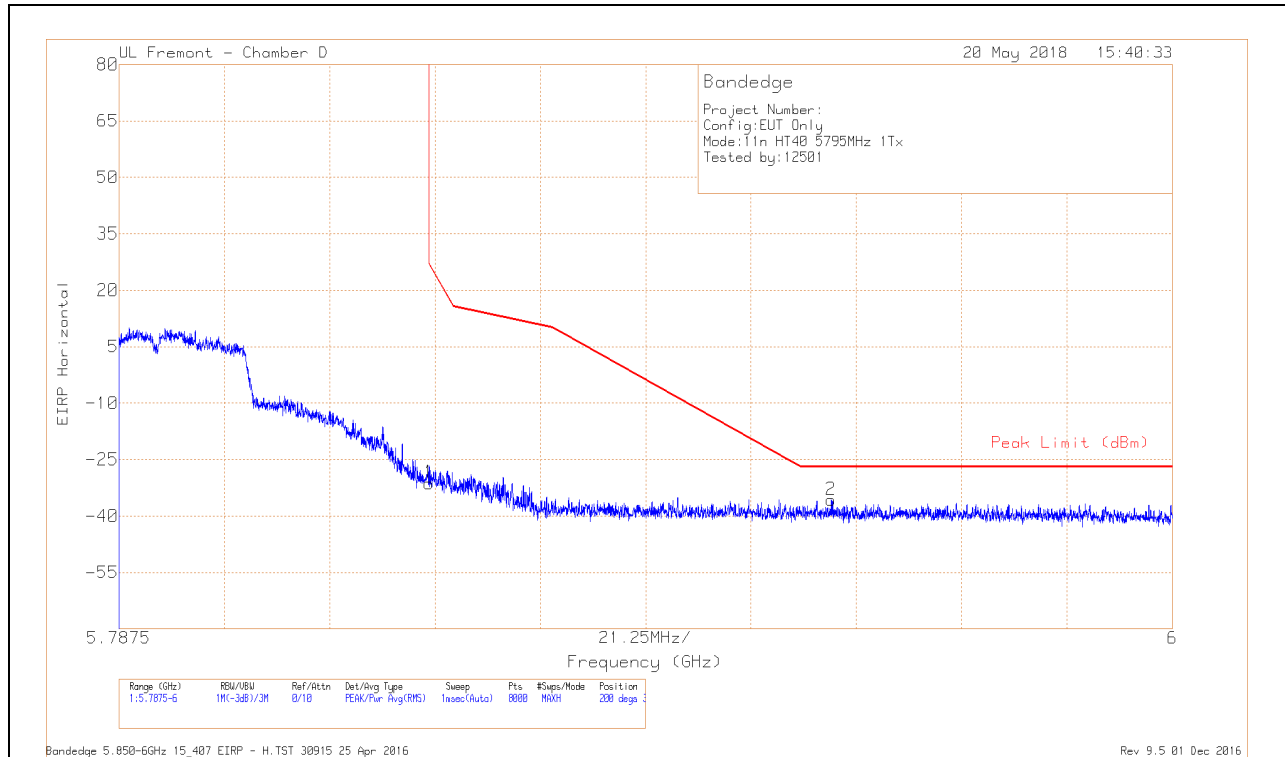


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632	-66.57	Pk	35.3	-17.1	11.8	-36.57	-27	-9.57	267	271	V
1	5.725	-47.8	Pk	35.6	-17.1	11.8	-17.5	27	-44.5	267	271	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

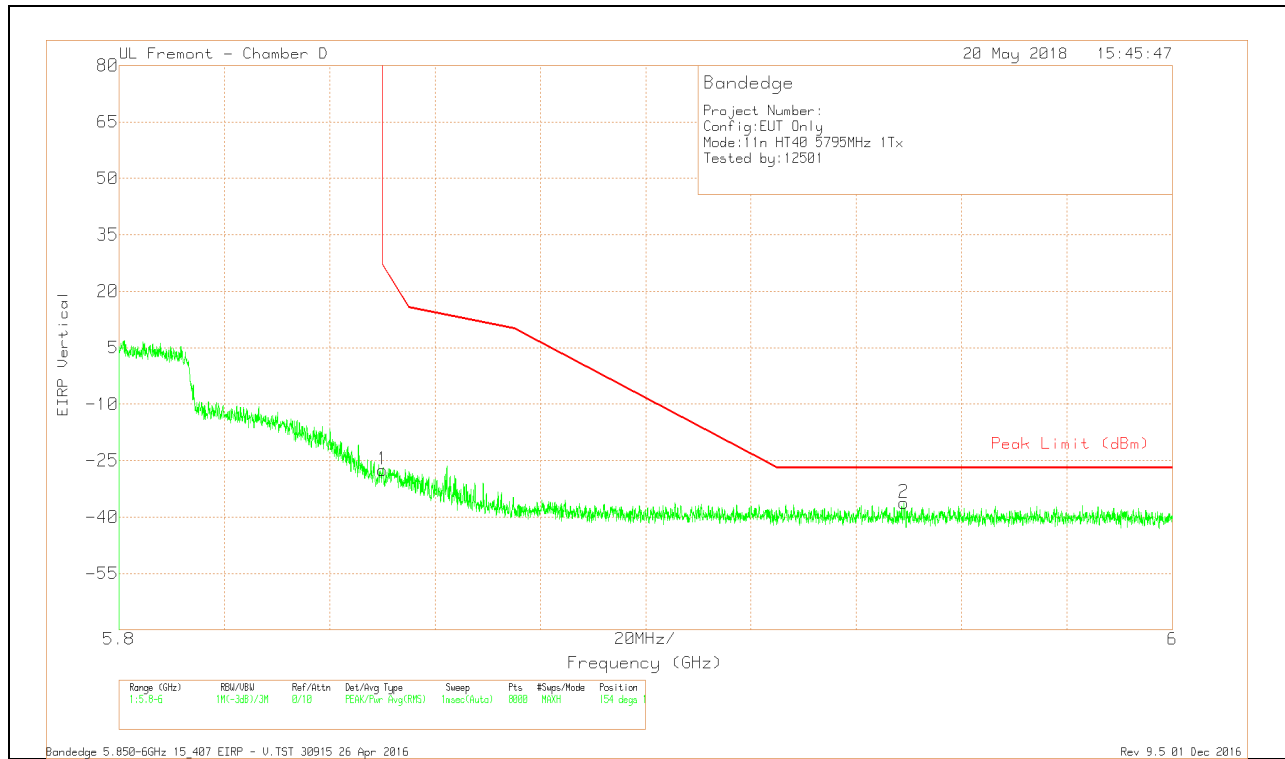
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	Amp/Cbl/Filr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.9	Pk	35.8	-17	11.8	-31.3	26.98	-58.28	200	362	H
2	5.931	-66.39	Pk	35.8	-16.9	11.8	-35.69	-27	-8.69	200	362	H

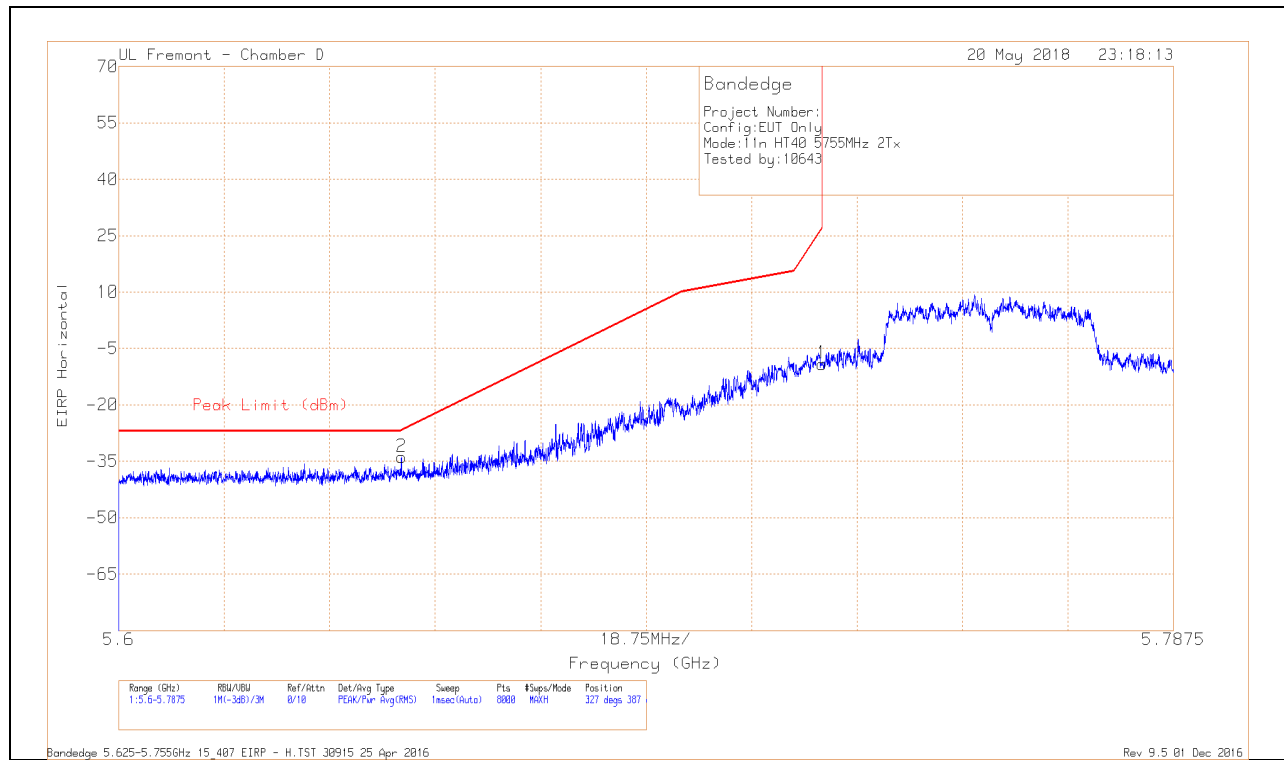
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	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	-58.04	Pk	35.8	-17	11.8	-27.44	26.99	-54.43	154	134	V
2	5.949	-66.77	Pk	35.8	-17	11.8	-36.17	-27	-9.17	154	134	V

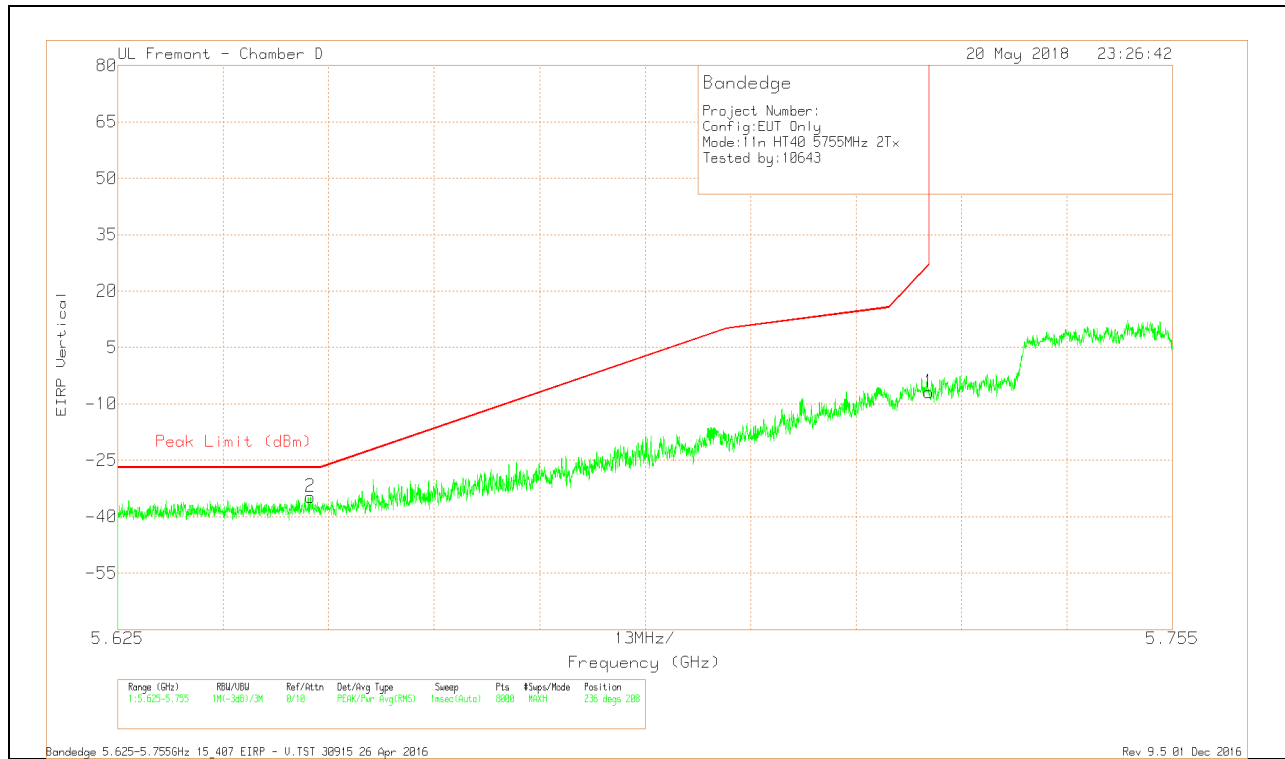
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

2TX Antenna 4 + ANTENNA 5 CDD MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/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	-63.78	Pk	35.3	-17.1	11.8	-33.78	-26.81	-6.97	327	387	H
1	5.725	-39.37	Pk	35.6	-17.1	11.8	-9.07	26.96	-36.03	327	387	H

Pk - Peak detector

VERTICAL RESULT

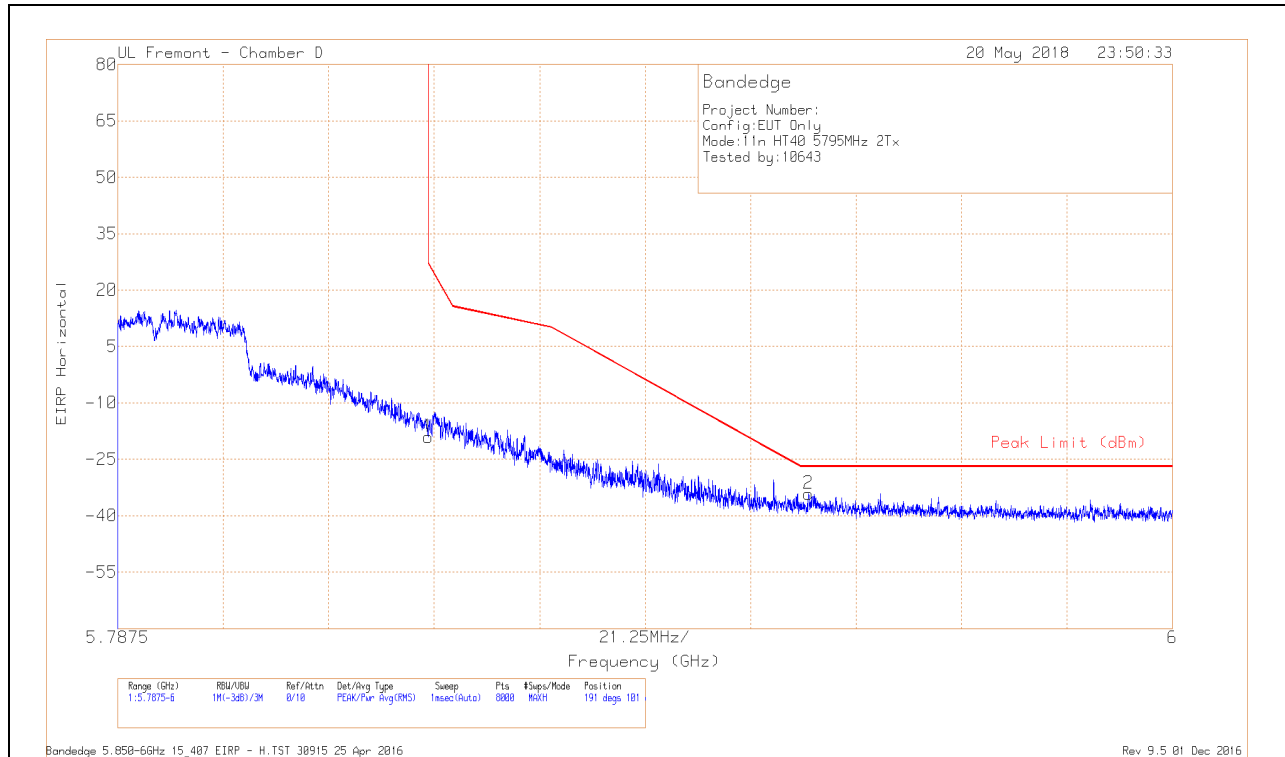


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-64.71	Pk	35.3	-17.1	11.8	-34.71	-27	-7.71	236	208	V
1	5.725	-37.23	Pk	35.6	-17.1	11.8	-6.93	27	-33.93	236	208	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

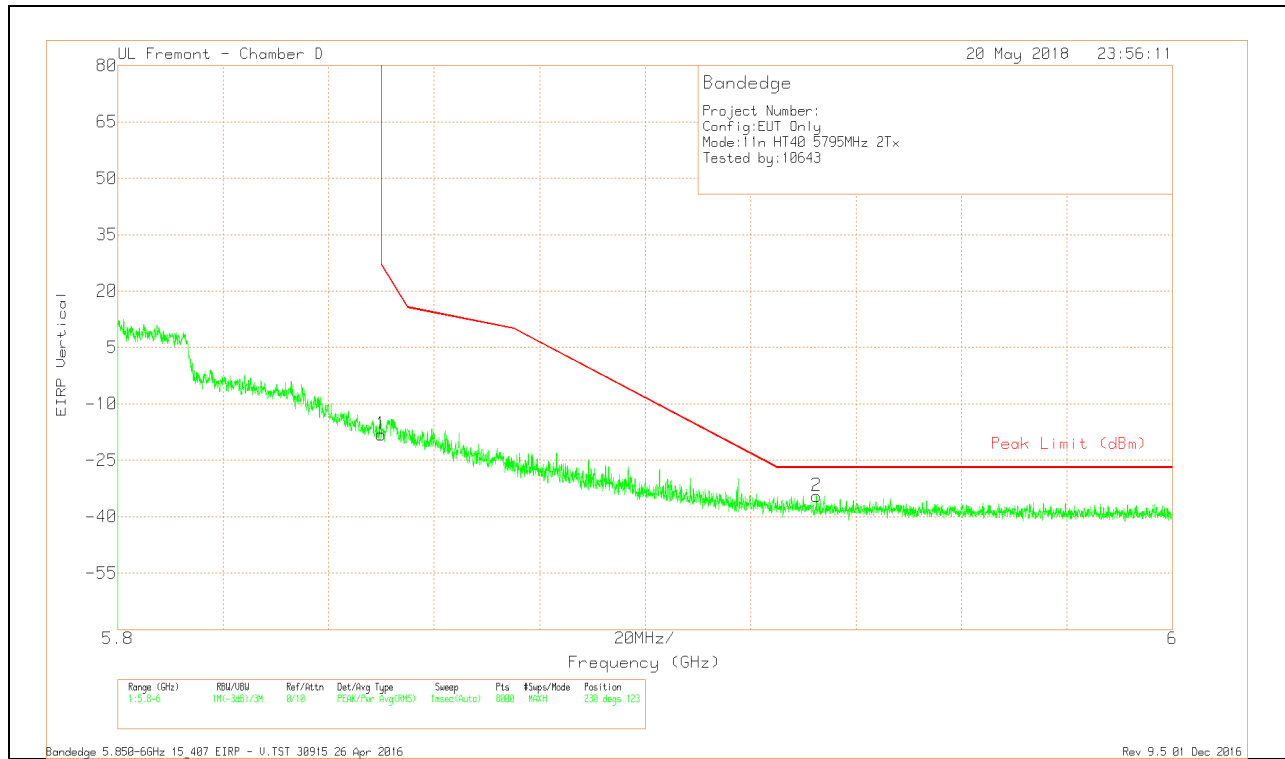
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/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	-49.59	Pk	35.8	-17	11.8	-18.99	26.98	-45.97	191	101	H
2	5.927	-64.8	Pk	35.8	-16.9	11.8	-34.1	-27	-7.1	191	101	H

Pk - Peak detector

VERTICAL RESULT

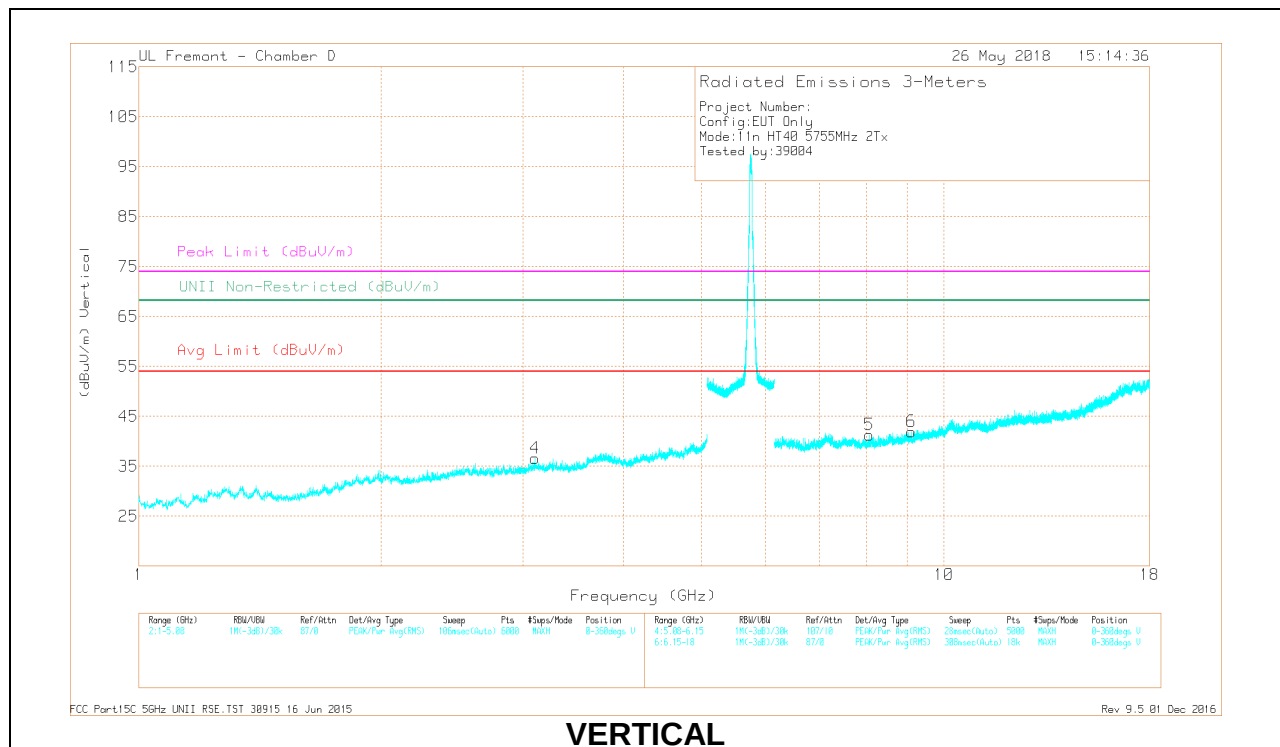
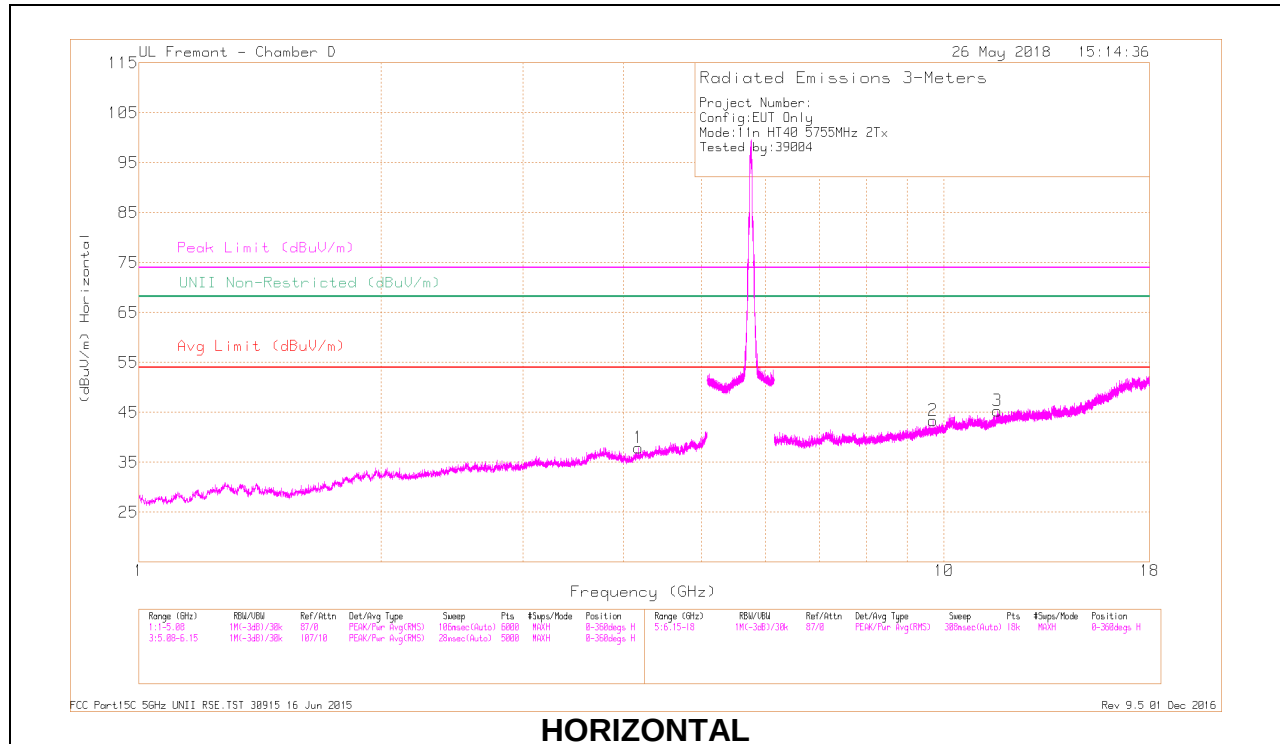


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-48.78	Pk	35.8	-17	11.8	-18.18	26.99	-45.17	230	123	V
2	5.932	-65.15	Pk	35.8	-16.9	11.8	-34.45	-27	-7.45	230	123	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

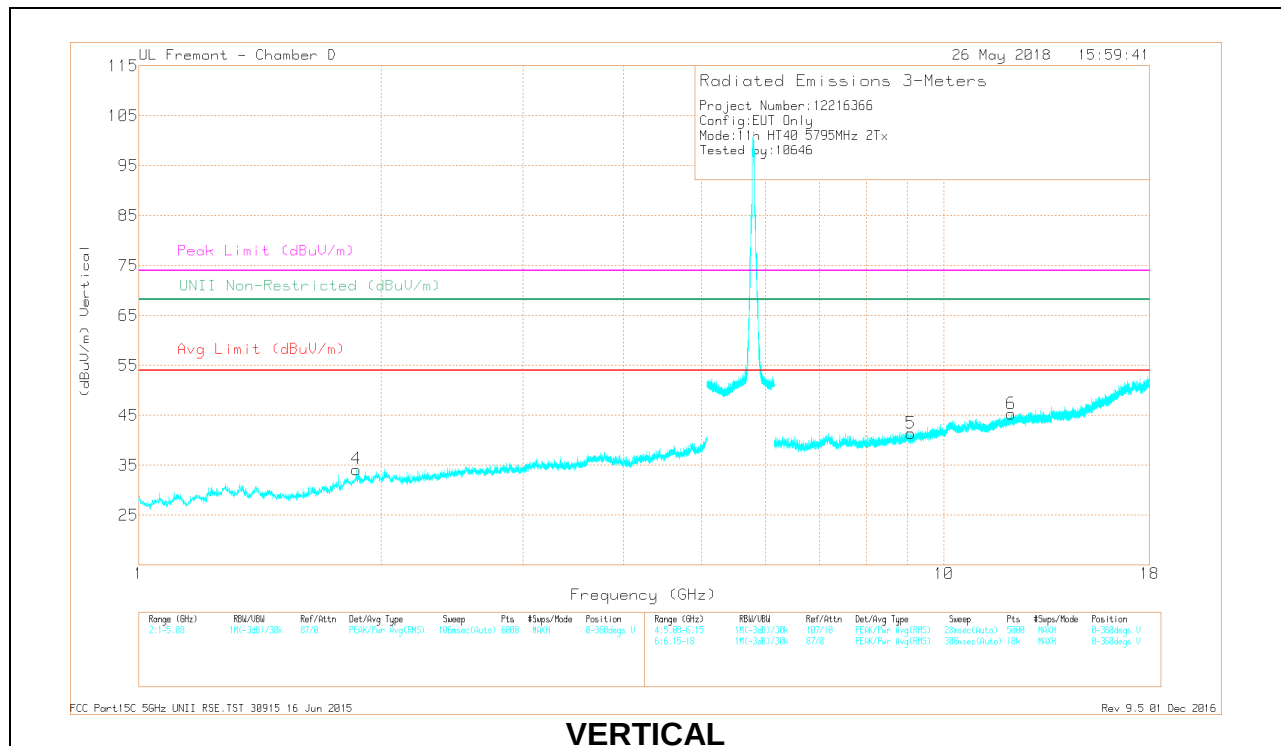
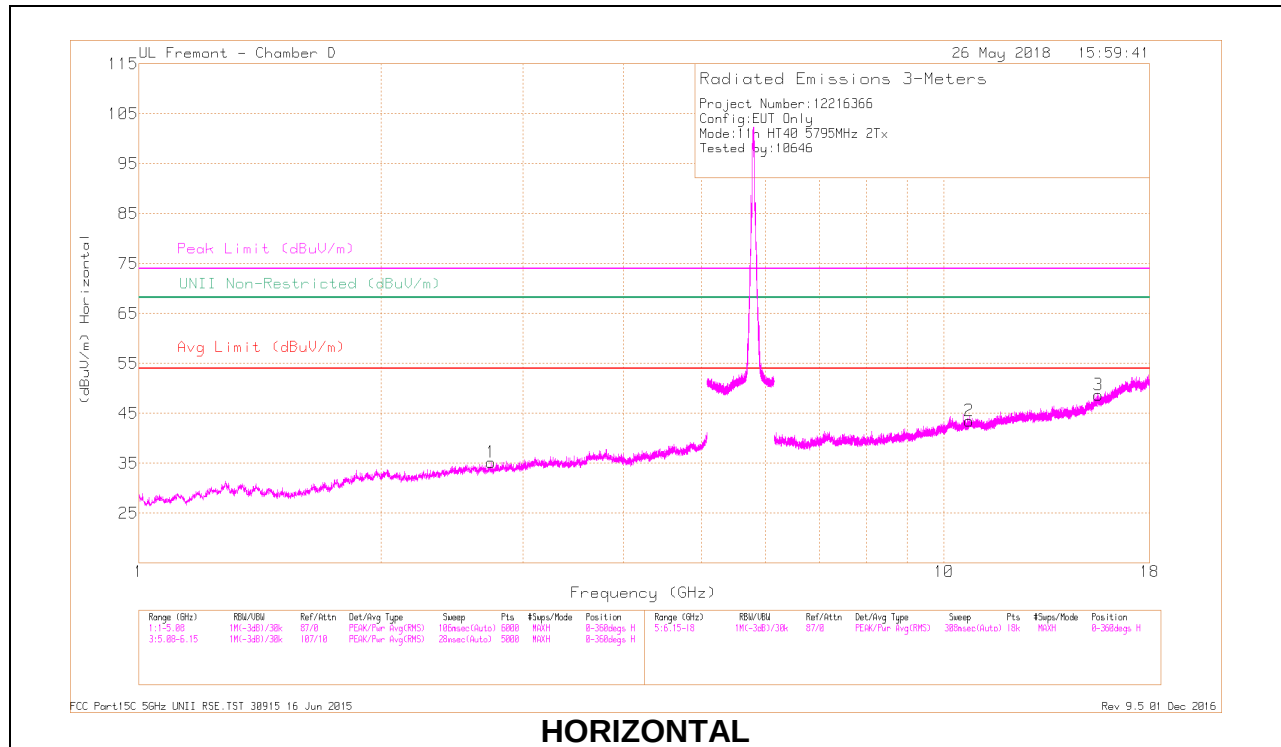
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	AmpCalFtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 4.169	38.33	PK-U	33.6	-28	0	43.93	-	-	74	-30.07	-	-	221	225	H
	* 4.172	26.82	ADR	33.7	-28	10	32.62	54	-21.38	-	-	-	-	221	225	H
3	* 11.646	33.52	PK-U	38.4	-20.3	0	51.62	-	-	74	-22.38	-	-	201	125	H
	* 11.649	22.19	ADR	38.4	-20.3	10	40.39	54	-13.61	-	-	-	-	201	125	H
5	* 8.076	35.64	PK-U	35.8	-23.6	0	47.84	-	-	74	-26.16	-	-	179	168	V
	* 8.073	24.28	ADR	35.8	-23.7	10	36.48	54	-17.52	-	-	-	-	179	168	V
6	* 9.109	34.76	PK-U	36.3	-22.4	0	48.66	-	-	74	-25.34	-	-	148	119	V
	* 9.107	23.26	ADR	36.3	-22.4	10	37.26	54	-16.74	-	-	-	-	148	119	V
4	3.104	38.94	PK-U	33.1	-28.3	0	43.74	-	-	-	-	68.2	-24.46	177	227	V
2	9.692	34.26	PK-U	36.8	-21.3	0	49.76	-	-	-	-	68.2	-18.44	221	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/CalRtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.736	39.49	PK-U	32.5	-30	0	41.99	-	-	74	-32.01	-	-	42	383	H
	* 2.737	27.71	ADR	32.5	-30	10	30.31	54	-23.69	-	-	-	-	42	383	H
2	* 10.749	33.05	PK-U	37.7	-20.3	0	50.45	-	-	74	-23.55	-	-	146	219	H
	* 10.75	21.56	ADR	37.7	-20.3	10	39.06	54	-14.94	-	-	-	-	146	219	H
3	* 15.56	34.11	PK-U	40.9	-20	0	55.01	-	-	74	-18.99	-	-	302	230	H
	* 15.559	23.01	ADR	40.9	-20	10	44.01	54	-9.99	-	-	-	-	302	230	H
5	* 9.086	34.19	PK-U	36.3	-22.3	0	48.19	-	-	74	-25.81	-	-	138	215	V
	* 9.086	22.9	ADR	36.3	-22.3	10	37	54	-17	-	-	-	-	138	215	V
6	* 12.123	33.1	PK-U	38.9	-20.6	0	51.4	-	-	74	-22.6	-	-	264	220	V
	* 12.121	22.16	ADR	38.9	-20.6	10	40.56	54	-13.44	-	-	-	-	264	220	V
4	1.862	40.65	PK-U	31.3	-31.1	0	40.85	-	-	-	-	68.2	-27.35	20	283	V

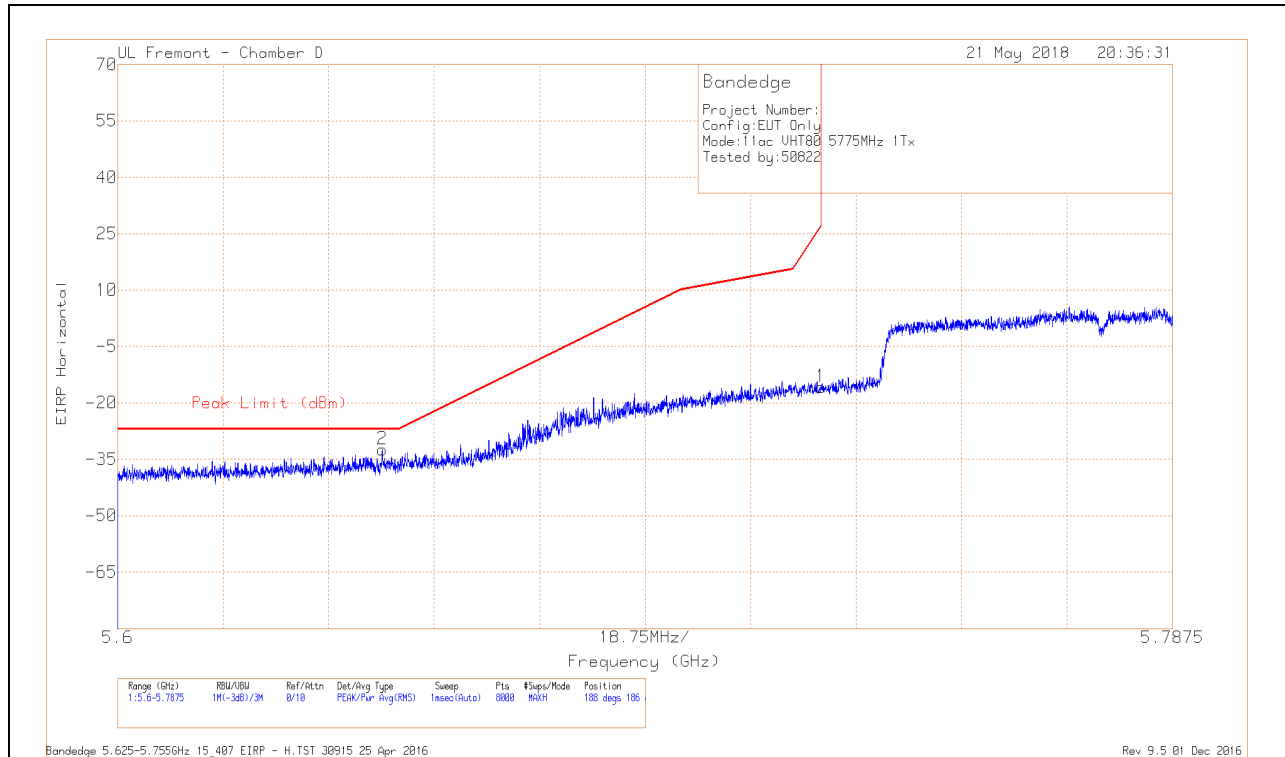
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 4

BANDEDGE (CHANNEL 155 LOW EDGE)

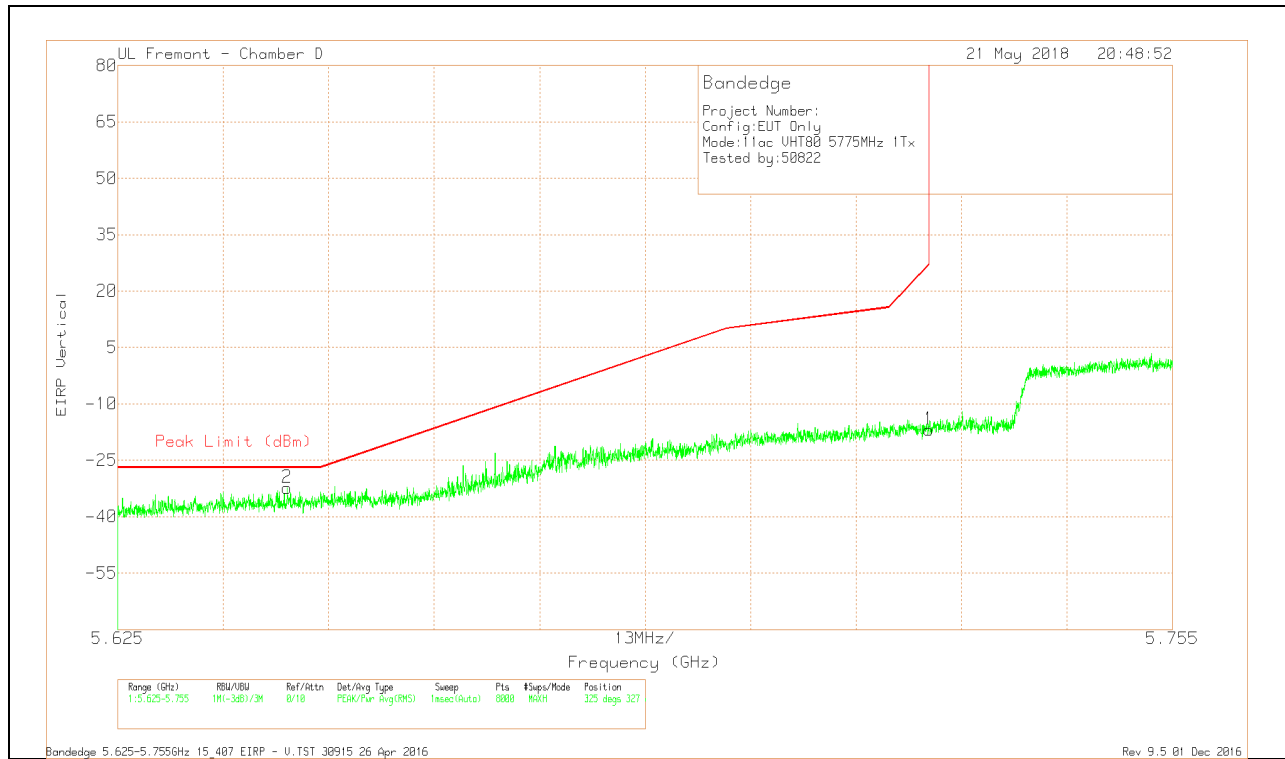
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	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	-62.34	Pk	35.3	-17.1	11.8	-32.34	-27	-5.34	188	186	H
1	5.725	-46.05	Pk	35.6	-17.1	11.8	-15.75	26.96	-42.71	188	186	H

Pk - Peak detector

VERTICAL RESULT

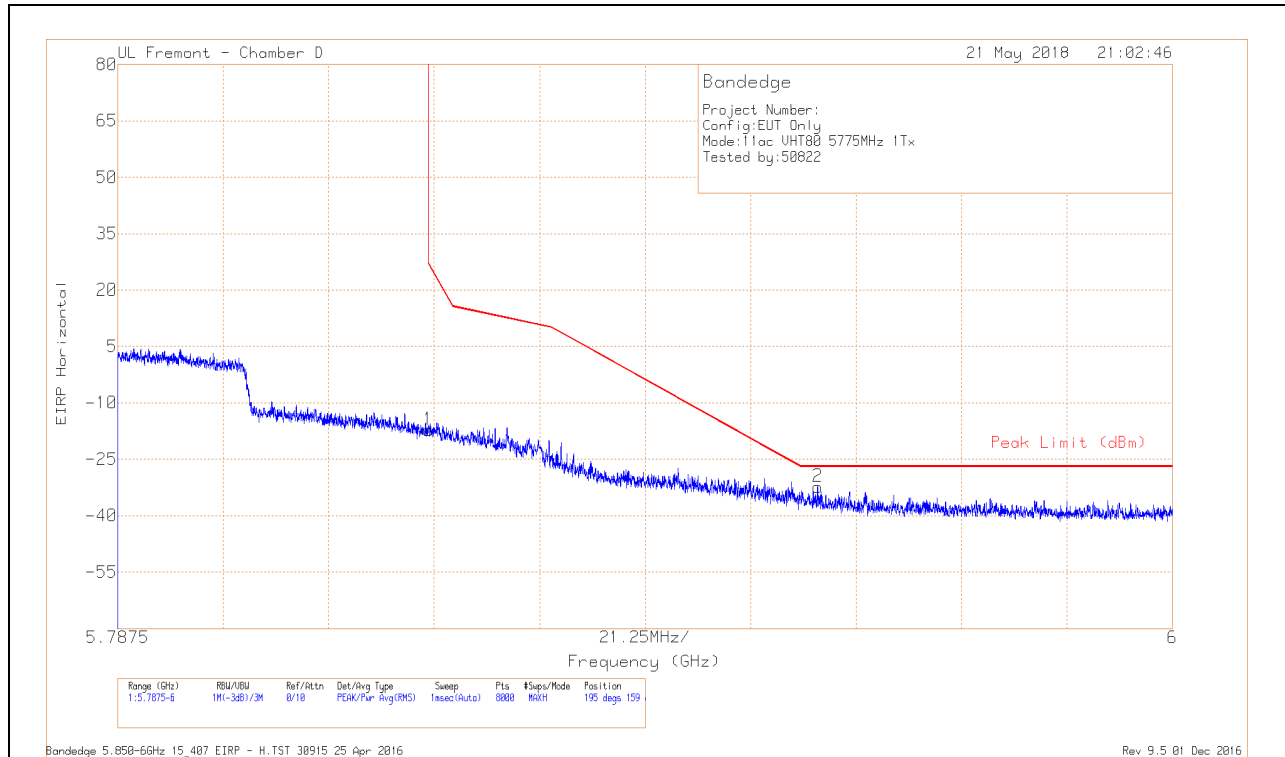


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-62.3	Pk	35.3	-17.1	11.8	-32.3	-27	-5.3	325	327	V
1	5.725	-47.23	Pk	35.6	-17.1	11.8	-16.93	27	-43.93	325	327	V

Pk - Peak detector

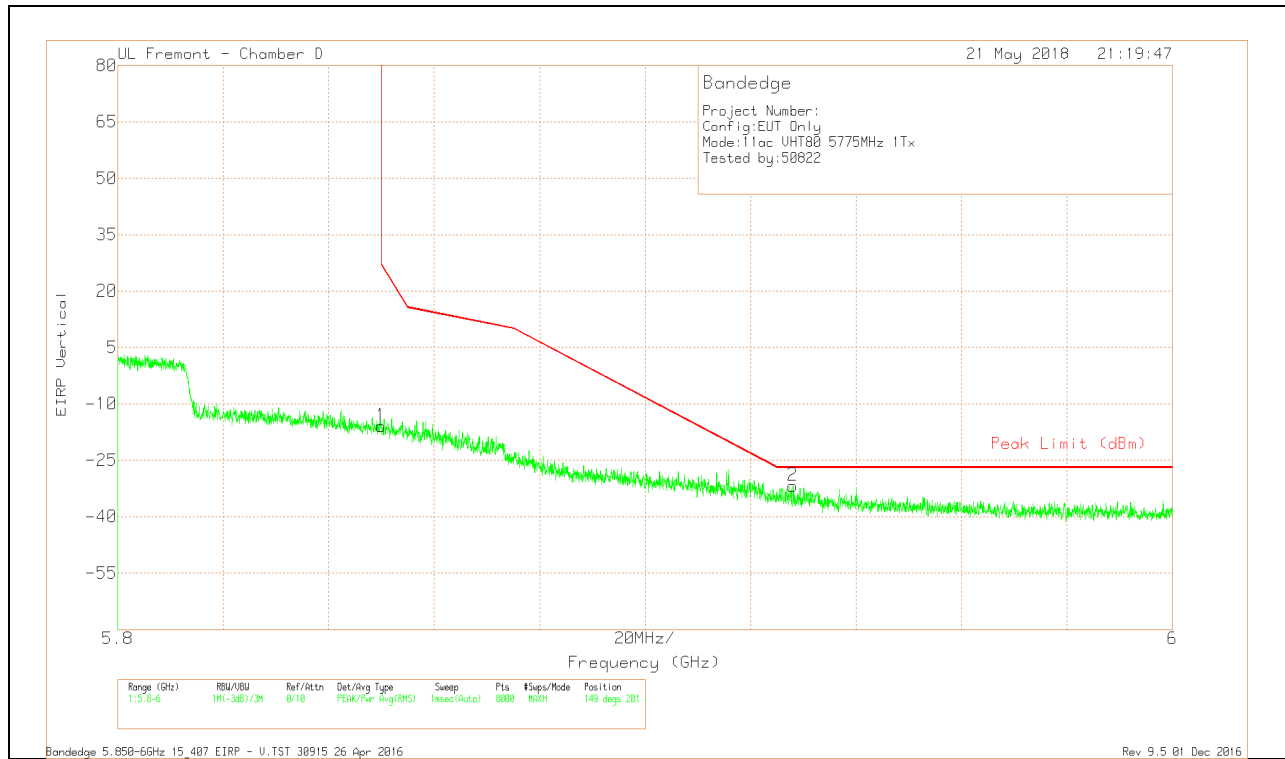
BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	-47.81	Pk	35.8	-17	11.8	-17.21	26.98	-44.19	195	159	H
2	5.929	-62.94	Pk	35.8	-16.9	11.8	-32.24	-27	-5.24	195	159	H

VERTICAL RESULT



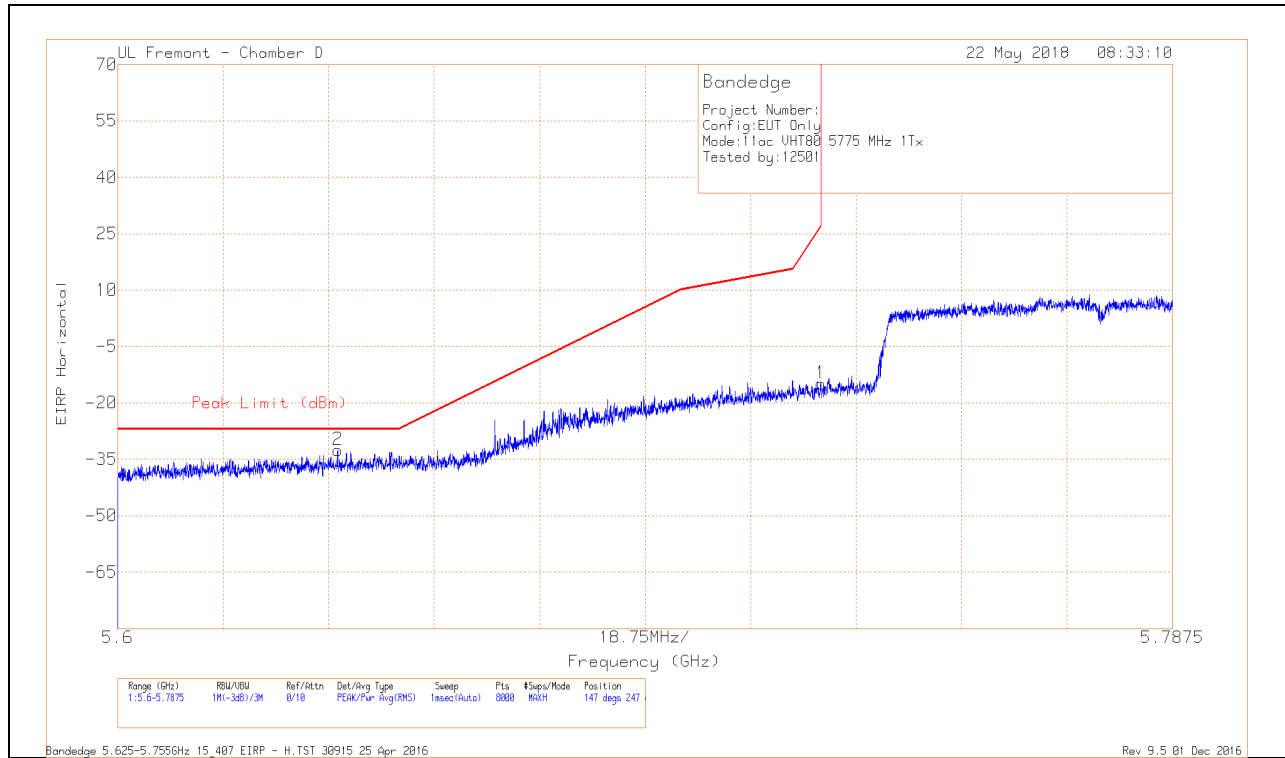
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.53	Pk	35.8	-17	11.8	-15.93	26.99	-42.92	149	201	V
2	5.928	-62.49	Pk	35.8	-16.9	11.8	-31.79	-27	-4.79	149	201	V

Pk - Peak detector

1TX ANTENNA 5

BANDEDGE (CHANNEL 155 LOW EDGE)

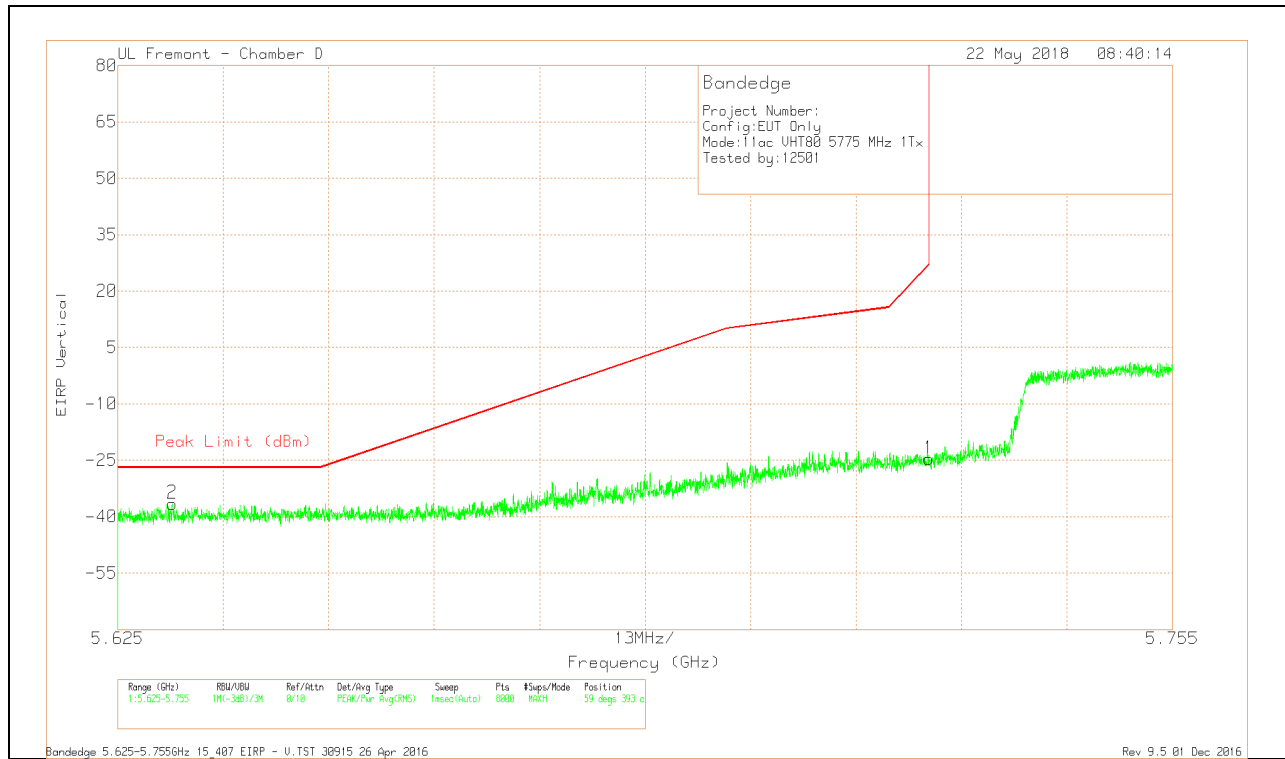
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	5.639	-62.55	Pk	35.3	-17.1	11.8	-32.55	-27	-5.55	147	247	H
1	5.725	-45.18	Pk	35.6	-17.1	11.8	-14.88	26.96	-41.84	147	247	H

Pk - Peak detector

VERTICAL RESULT

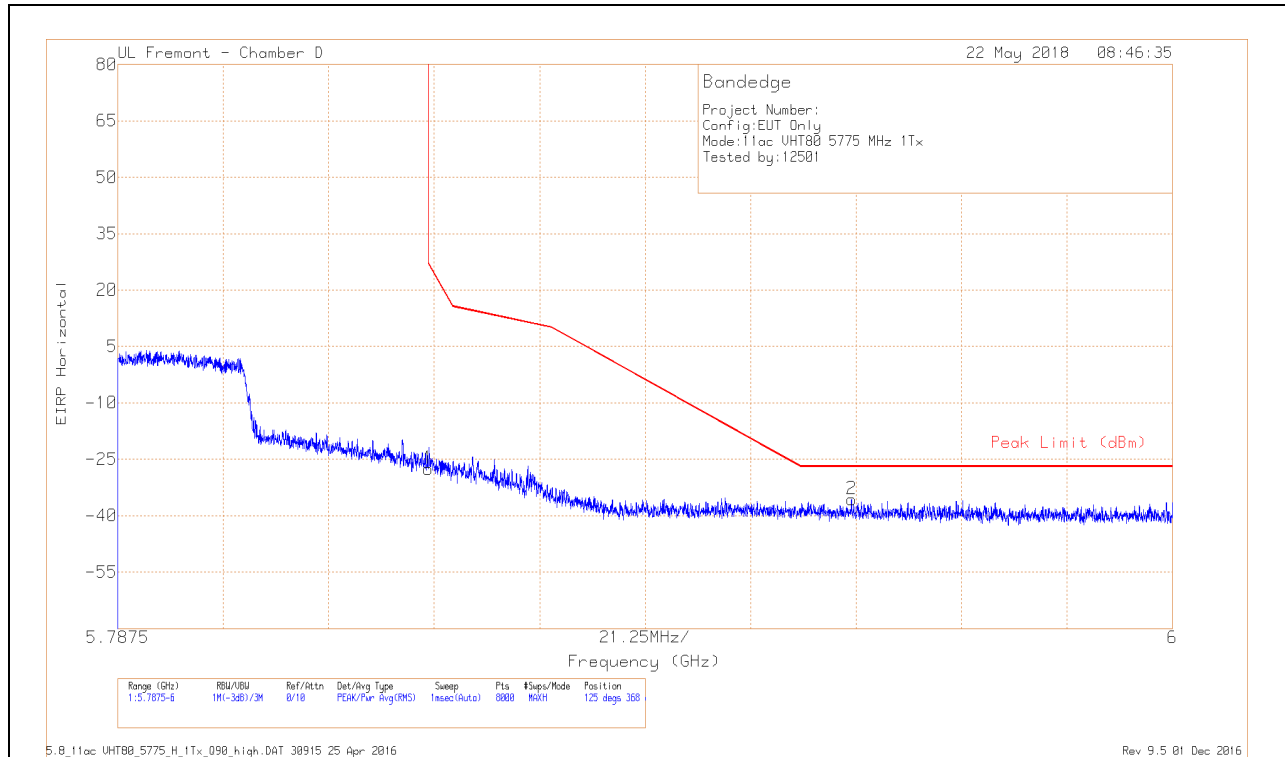


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.632	-66.47	PK	35.3	-17.1	11.8	-36.47	-27	-9.47	59	393	V
1	5.725	-54.9	PK	35.6	-17.1	11.8	-24.6	27	-51.6	59	393	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

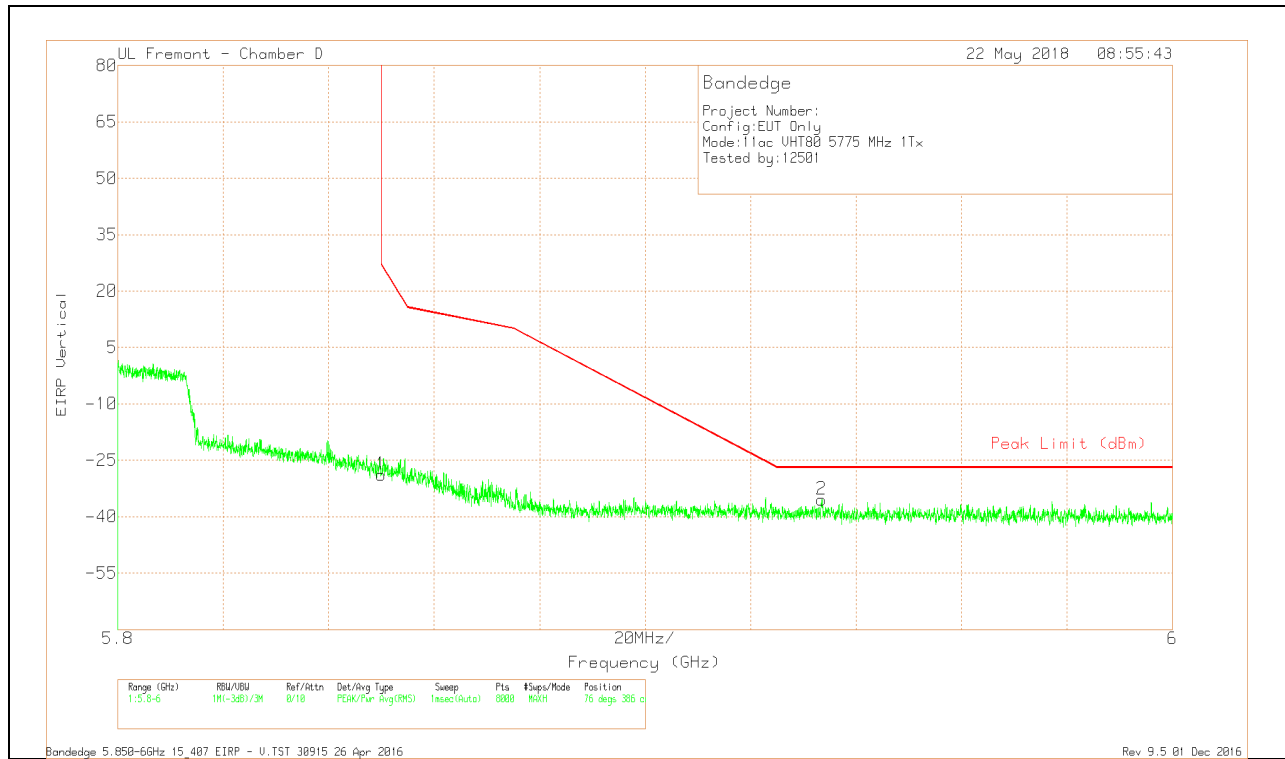
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.18	Pk	35.8	-17	11.8	-27.58	26.98	-54.56	125	368	H
2	5.935	-66.39	Pk	35.8	-16.9	11.8	-35.69	-27	-8.69	125	368	H

Pk - Peak detector

VERTICAL RESULT



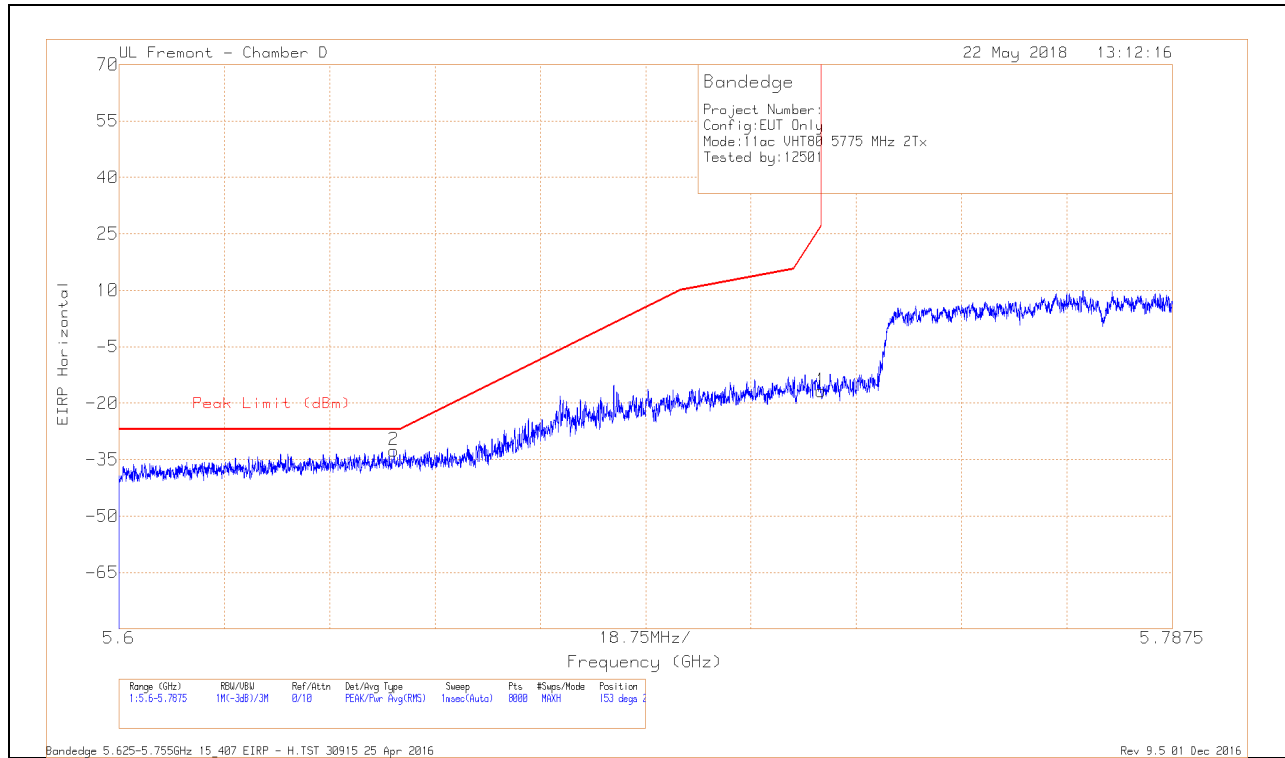
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.47	Pk	35.8	-17	11.8	-28.87	26.99	-55.86	76	386	V
2	5.934	-66.17	Pk	35.8	-16.9	11.8	-35.47	-27	-8.47	76	386	V

Pk - Peak detector

2TX Antenna 4 + ANTENNA 5 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

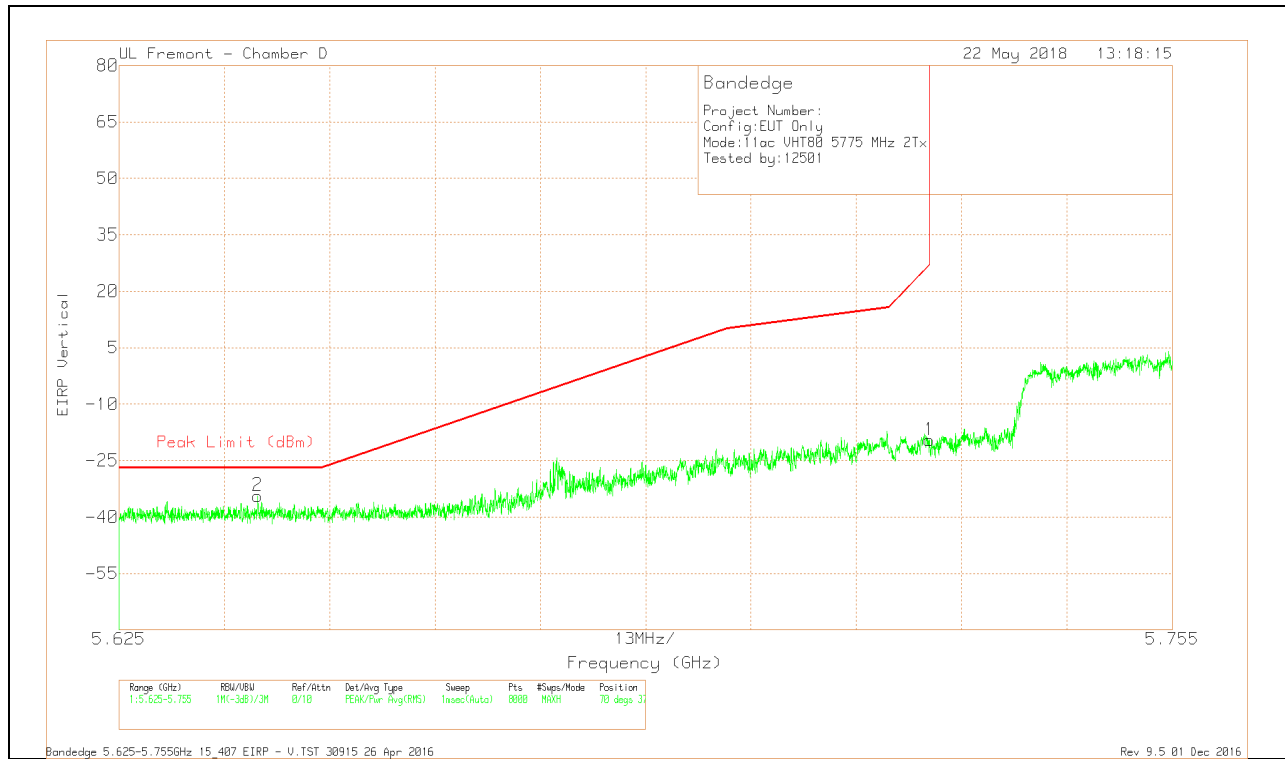
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	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	-62.56	Pk	35.3	-17.1	11.8	-32.56	-27	-5.56	153	232	H
1	5.725	-47.06	Pk	35.6	-17.1	11.8	-16.76	26.96	-43.72	153	232	H

Pk - Peak detector

VERTICAL RESULT

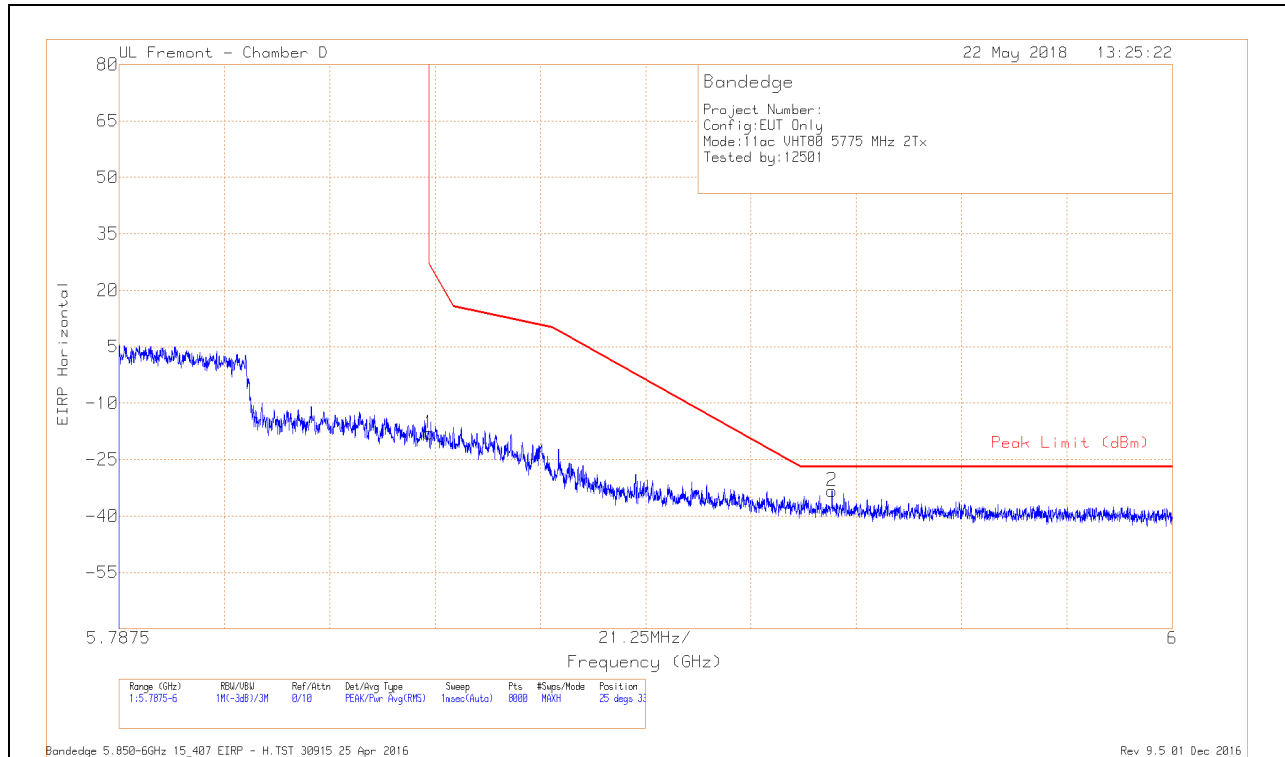


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dBm)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-64.27	Pk	35.3	-17.2	11.8	-34.37	-27	-7.37	70	370	V
1	5.725	-49.9	Pk	35.6	-17.1	11.8	-19.6	27	-46.6	70	370	V

Pk - Peak detector

BANDEGE (CHANNEL 155 HIGH EDGE)

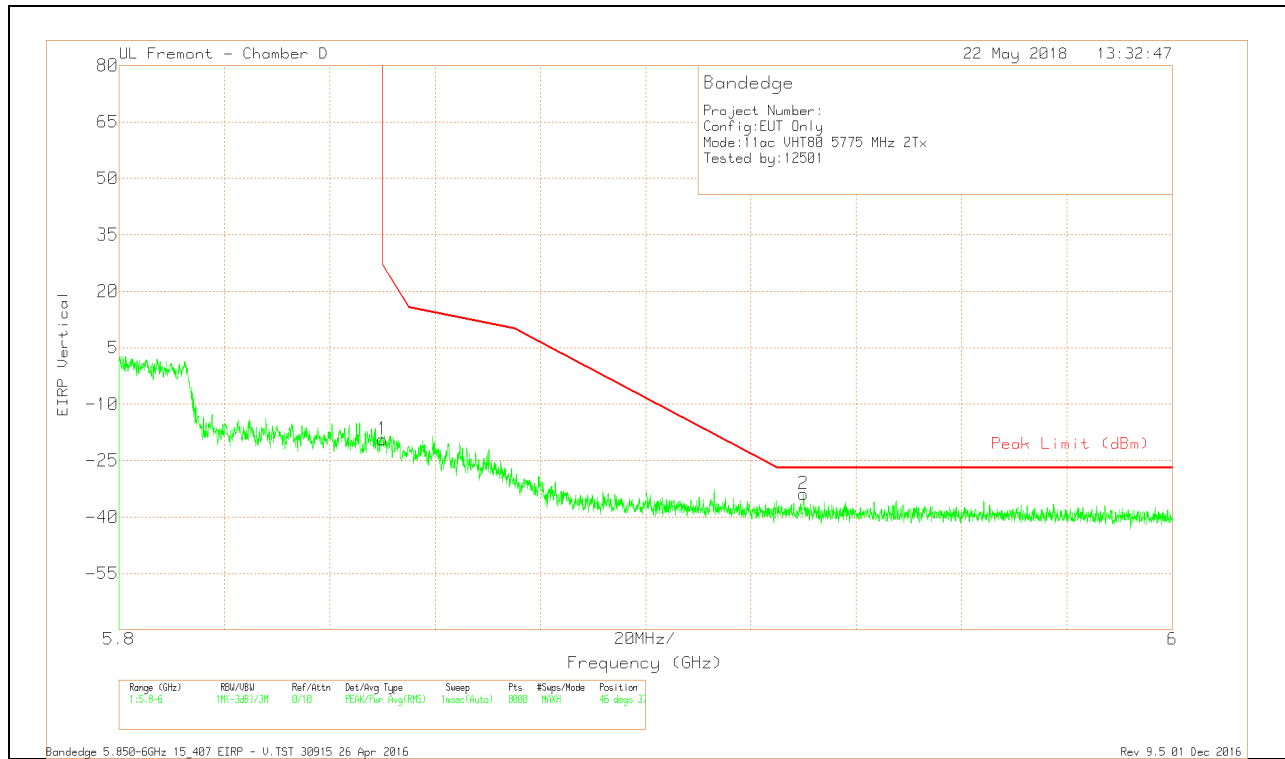
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (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	-48.59	Pk	35.8	-17	11.8	-17.99	26.98	-44.97	25	335	H
2	5.931	-64	Pk	35.8	-16.9	11.8	-33.3	-27	-6.3	25	335	H

Pk - Peak detector

VERTICAL RESULT

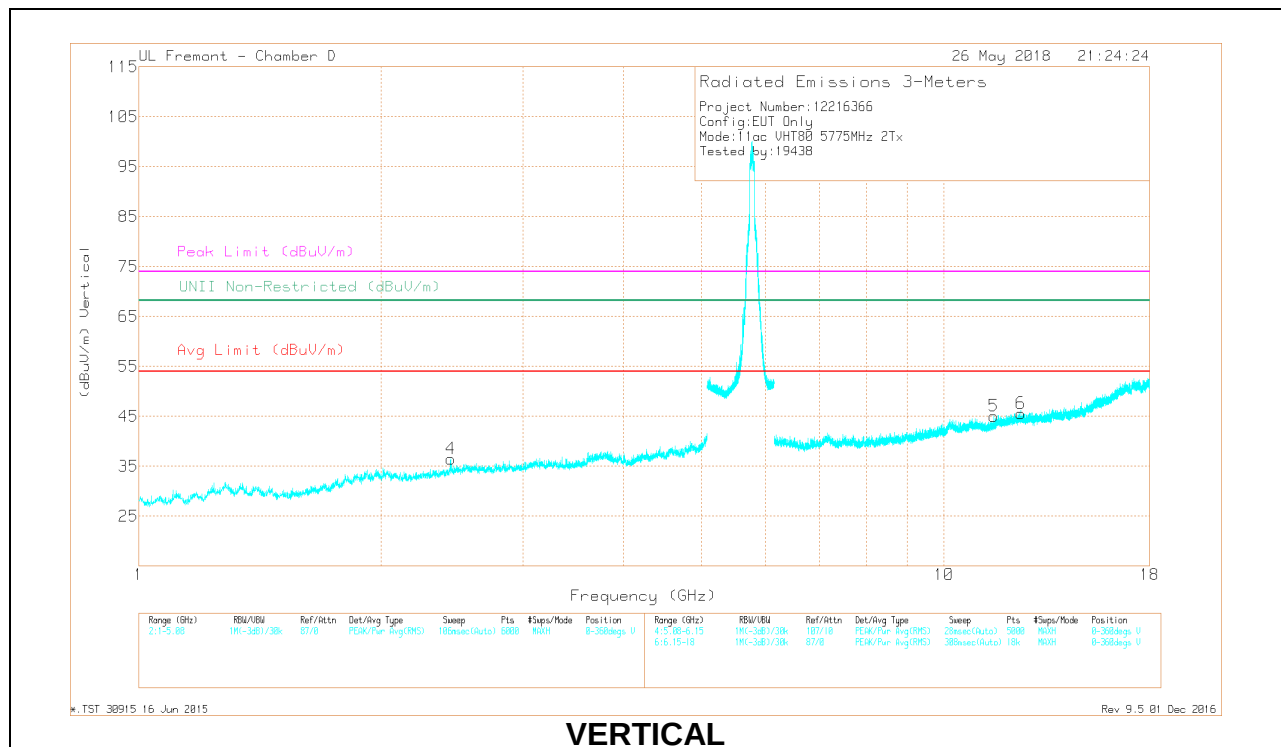
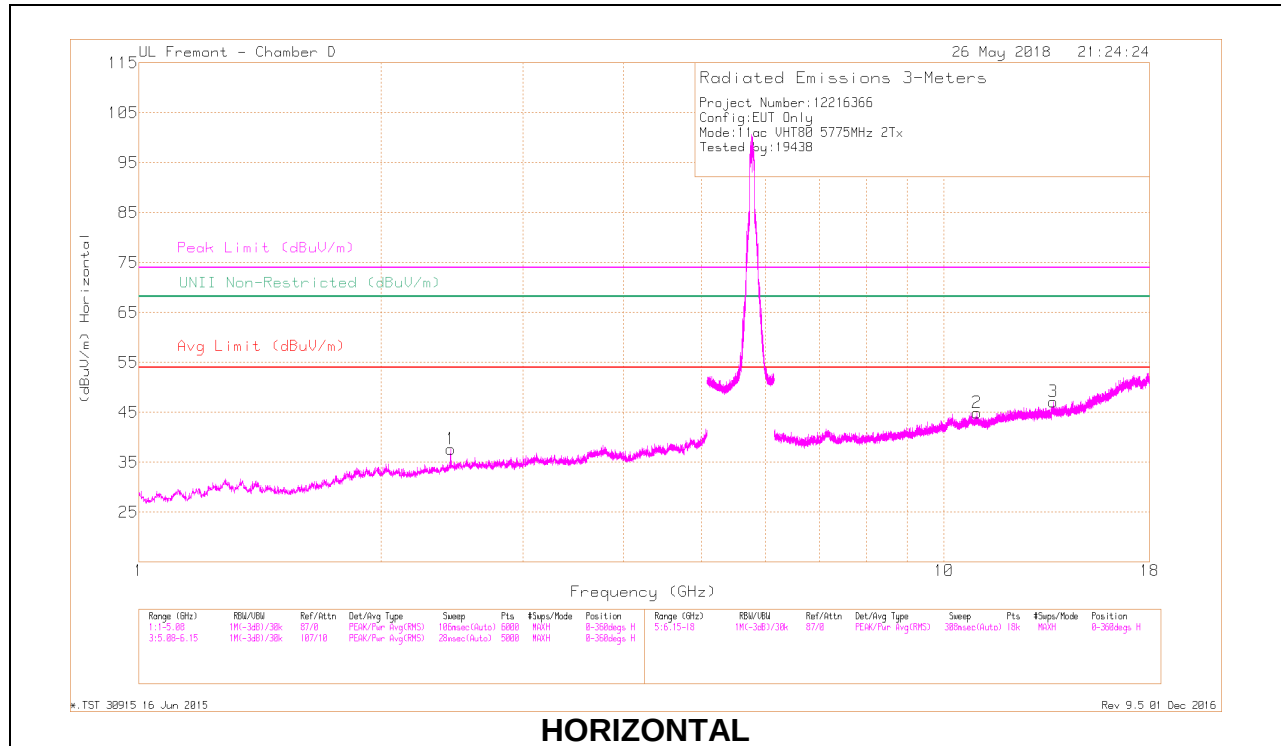


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.98	Pk	35.8	-17	11.8	-19.38	26.99	-46.37	46	379	V
2	5.93	-64.57	Pk	35.8	-16.9	11.8	-33.87	-27	-6.87	46	379	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

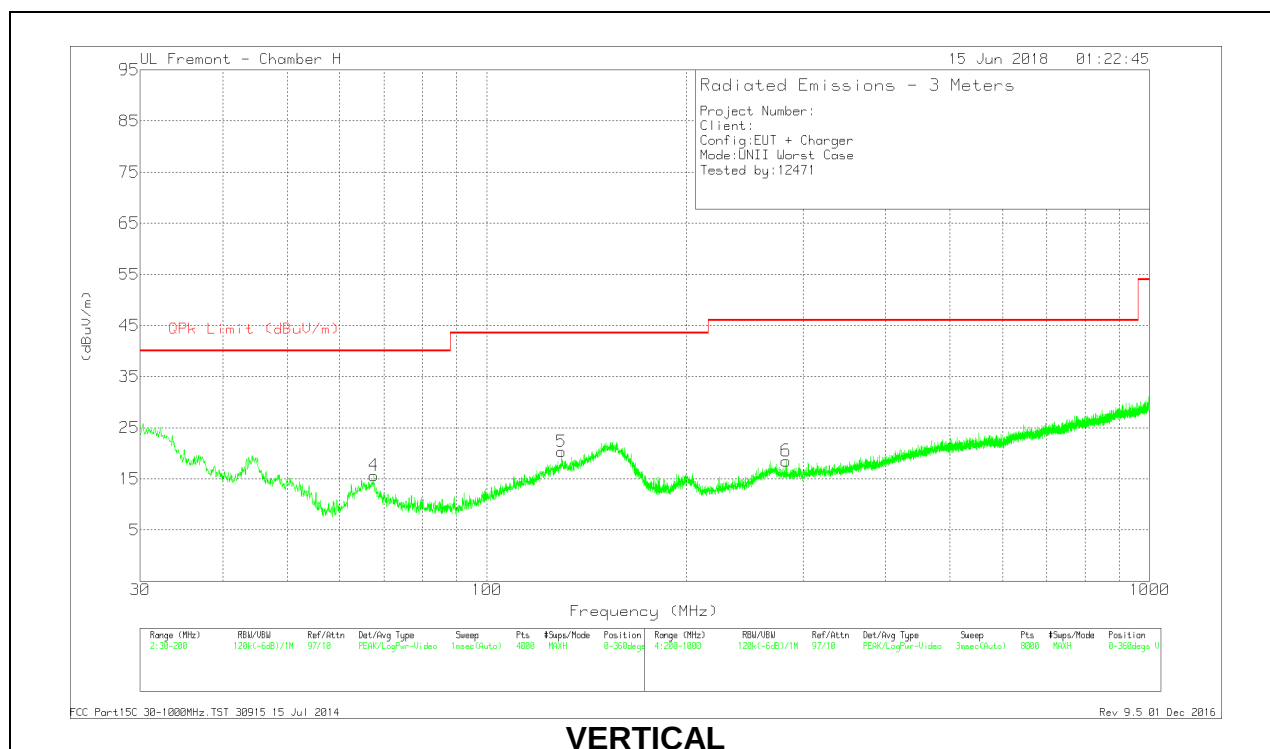
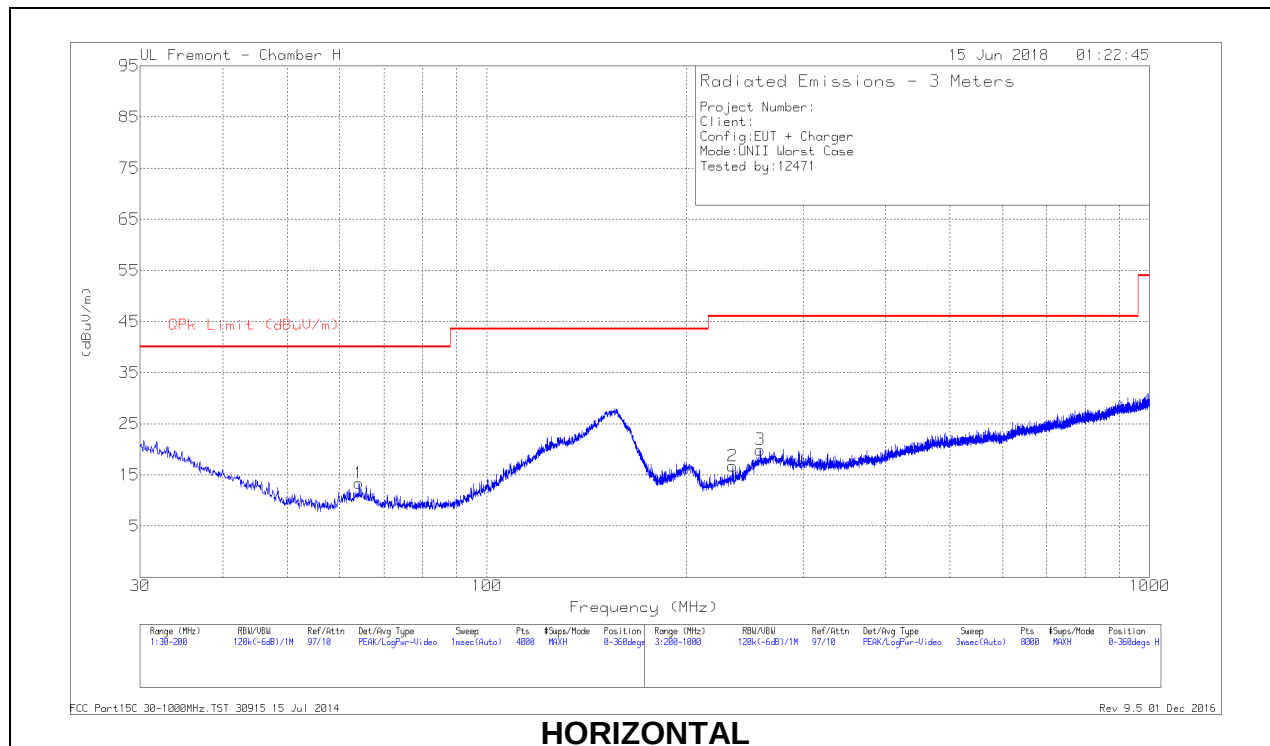
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cable/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
2	* 10.975	33.14	PK-U	37.8	-20.6	0	50.94	-	-	74	-23.66	-	-	11	364	H
	* 10.948	21.78	ADR	37.7	-20.6	19	39.07	54	-14.93	-	-	-	-	11	364	H
5	* 11.538	33.77	PK-U	38.1	-20.8	0	51.07	-	-	74	-22.93	-	-	348	259	V
	* 11.523	21.64	ADR	38.1	-20.8	19	39.13	54	-14.87	-	-	-	-	348	259	V
6	* 12.441	34.15	PK-U	39	-20.6	0	52.55	-	-	74	-21.45	-	-	301	232	V
	* 12.447	22.04	ADR	39	-20.6	19	41.23	54	-12.77	-	-	-	-	301	232	V
1	2.441	41.92	PK-U	32.3	-30.4	0	43.72	-	-	-	-	68.2	-24.48	199	129	V
4	2.442	43.32	PK-U	32.3	-30.4	0	45.22	-	-	-	-	68.2	-22.98	104	150	H
3	13.676	35.33	PK-U	39	-21.8	0	52.53	-	-	-	-	68.2	-15.67	103	307	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

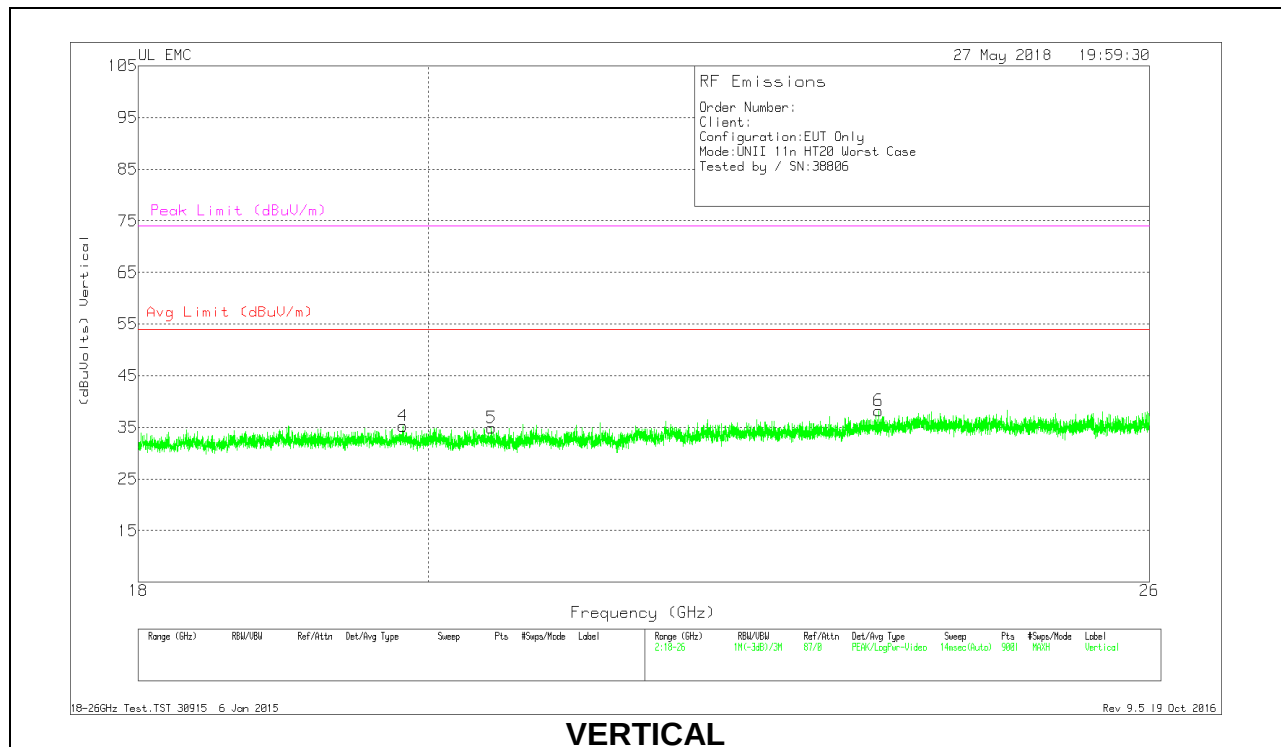
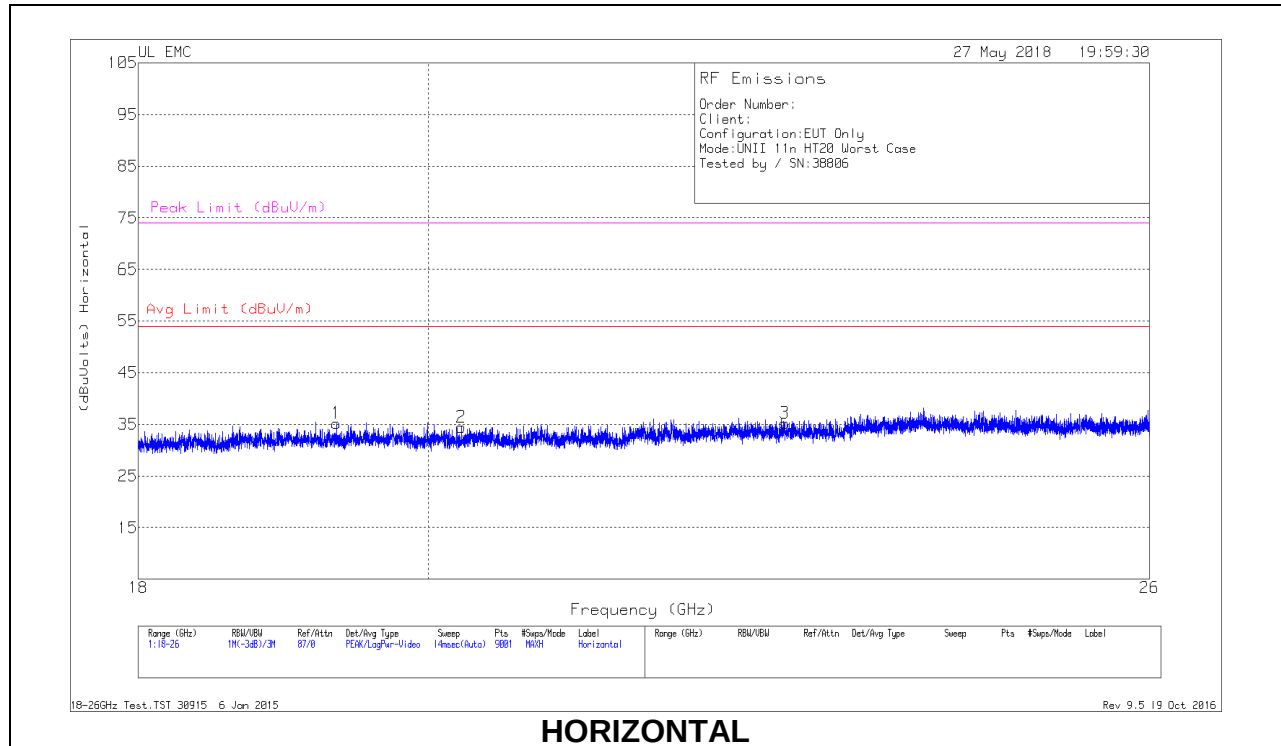
9.2. Worst Case Below 1 GHz



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
5	* 129.6883	32.72	Pk	17.8	-30.2	20.32	43.52	-23.2	0-360	100	V
3	* 258.6076	33.31	Pk	15.9	-29.3	19.91	46.02	-26.11	0-360	100	H
6	* 282.9108	30.61	Pk	17.2	-29.3	18.51	46.02	-27.51	0-360	199	V
1	64.1788	32.55	Pk	11.6	-30.8	13.35	40	-26.65	0-360	299	H
4	67.5797	34.66	Pk	11.8	-30.8	15.66	40	-24.34	0-360	100	V
2	234.9045	30.91	Pk	15.3	-29.5	16.71	46.02	-29.31	0-360	100	H

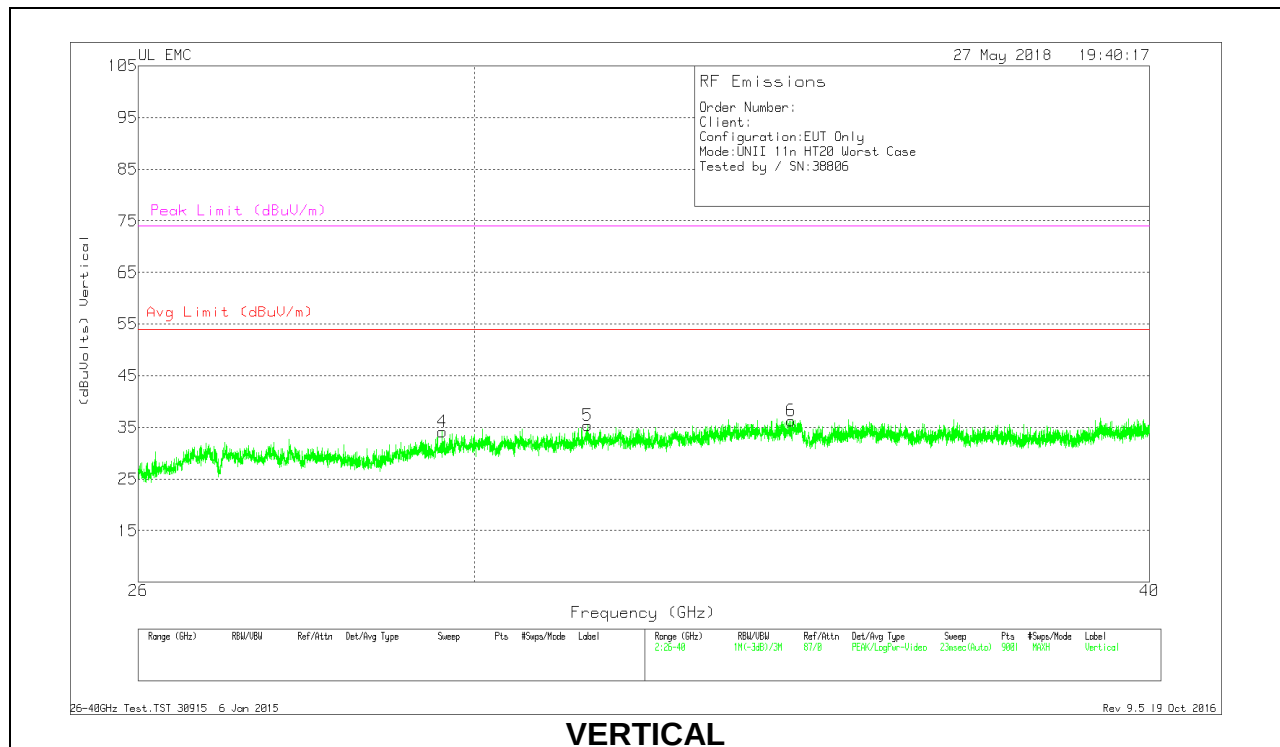
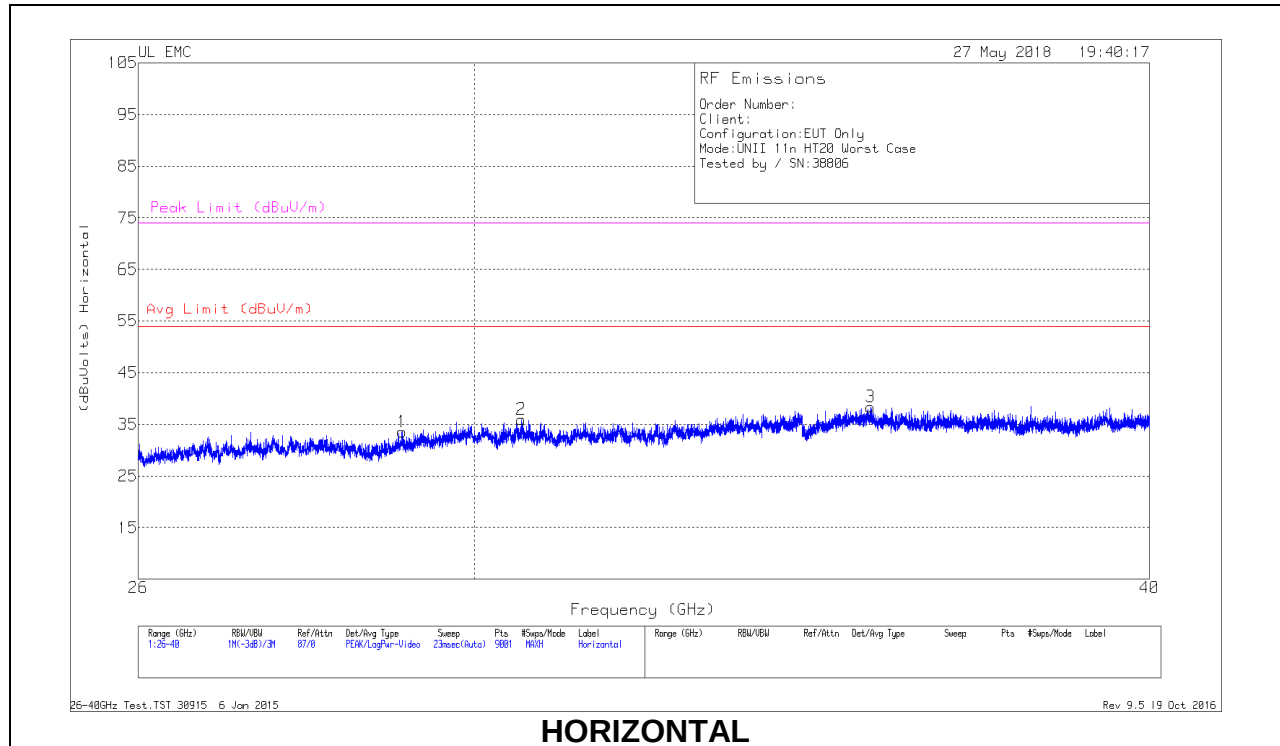
9.3. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequenc y (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	19.343	36.77	Pk	32.6	-24.7	-9.5	35.17	54	-18.83	74	-38.83
2	20.244	36.48	Pk	32.8	-25.3	-9.5	34.48	54	-19.52	74	-39.52
3	22.768	35.91	Pk	33.4	-24.6	-9.5	35.21	54	-18.79	74	-38.79
4	19.818	37.15	Pk	32.7	-25.1	-9.5	35.25	54	-18.75	74	-38.75
5	20.466	36.71	Pk	33.1	-25.4	-9.5	34.91	54	-19.09	74	-39.09
6	23.561	38.47	Pk	33.9	-24.7	-9.5	38.17	54	-15.83	74	-35.83

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	29.091	38.66	Pk	35.9	-31.5	-9.5	33.56	54	-20.44	74	-40.44
2	30.608	40.42	Pk	36.1	-31.1	-9.5	35.92	54	-18.08	74	-38.08
3	35.515	41.07	Pk	37.9	-31.1	-9.5	38.37	54	-15.63	74	-35.63
4	29.593	38.85	Pk	36	-31.2	-9.5	34.15	54	-19.85	74	-39.85
5	31.482	40.64	Pk	36.2	-32	-9.5	35.34	54	-18.66	74	-38.66
6	34.333	40.35	Pk	37.1	-31.7	-9.5	36.25	54	-17.75	74	-37.75

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.

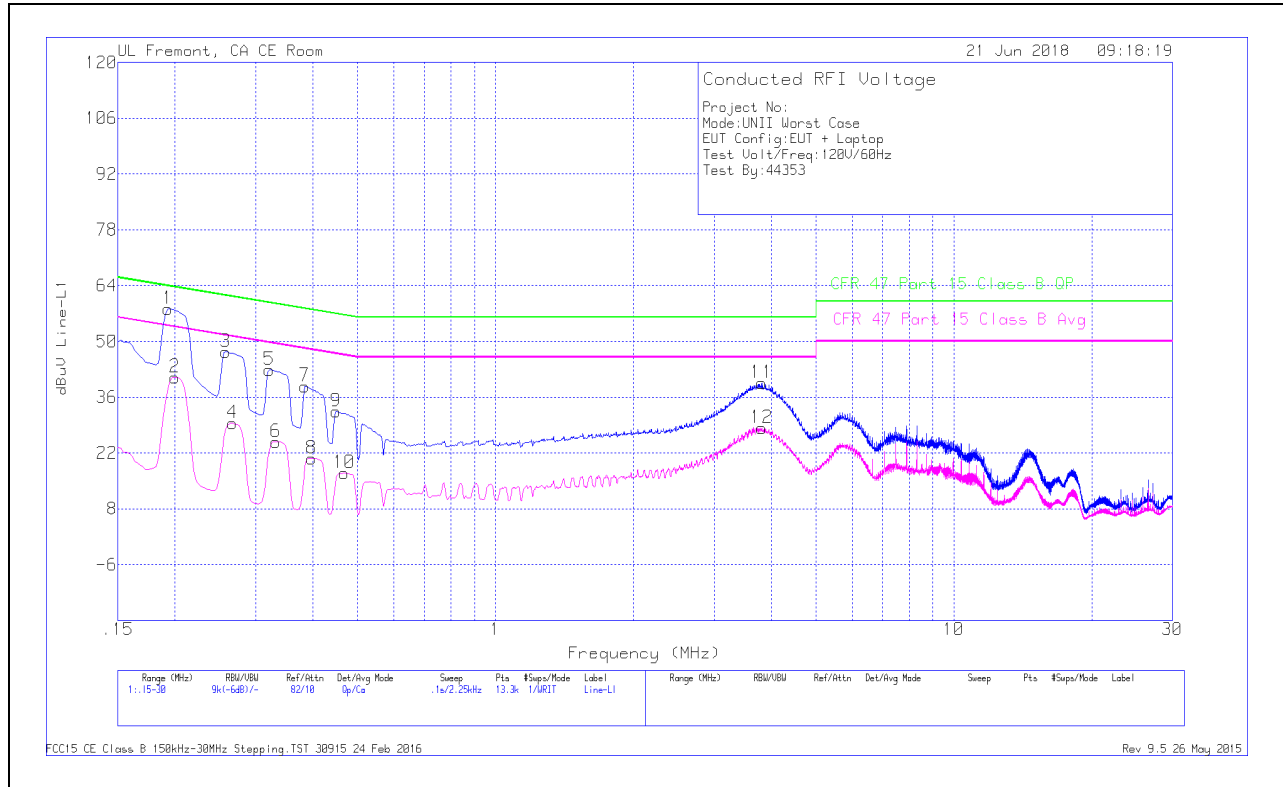
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Host

LINE 1 RESULTS

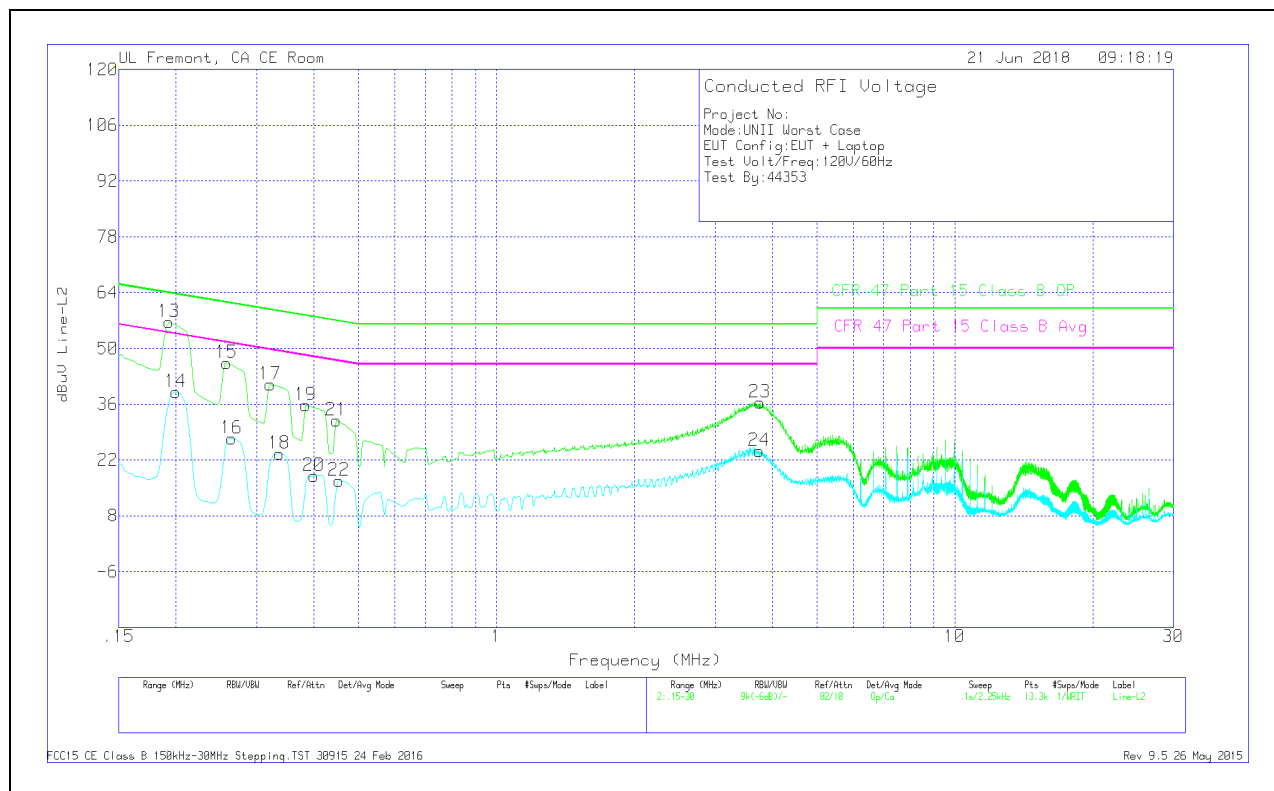


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.19275	47.43	Qp	.6	0	10.1	58.13	63.92	-5.79	-	-
2	.1995	30.34	Ca	.6	0	10.1	41.04	-	-	53.63	-12.59
3	.258	36.93	Qp	.4	0	10.1	47.43	61.5	-14.07	-	-
4	.267	18.94	Ca	.4	0	10.1	29.44	-	-	51.21	-21.77
5	.321	32.45	Qp	.4	0	10.1	42.95	59.68	-16.73	-	-
6	.33225	14.45	Ca	.3	0	10.1	24.85	-	-	49.39	-24.54
7	.384	28.48	Qp	.2	0	10.1	38.78	58.19	-19.41	-	-
8	.3975	10.4	Ca	.2	0	10.1	20.7	-	-	47.91	-27.21
9	.44925	22.14	Qp	.2	0	10.1	32.44	56.89	-24.45	-	-
10	.46725	6.72	Ca	.1	0	10.1	16.92	-	-	46.56	-29.64
11	3.81075	29.32	Qp	.1	.1	10.1	39.62	56	-16.38	-	-
12	3.81075	17.92	Ca	.1	.1	10.1	28.22	-	-	46	-17.78

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



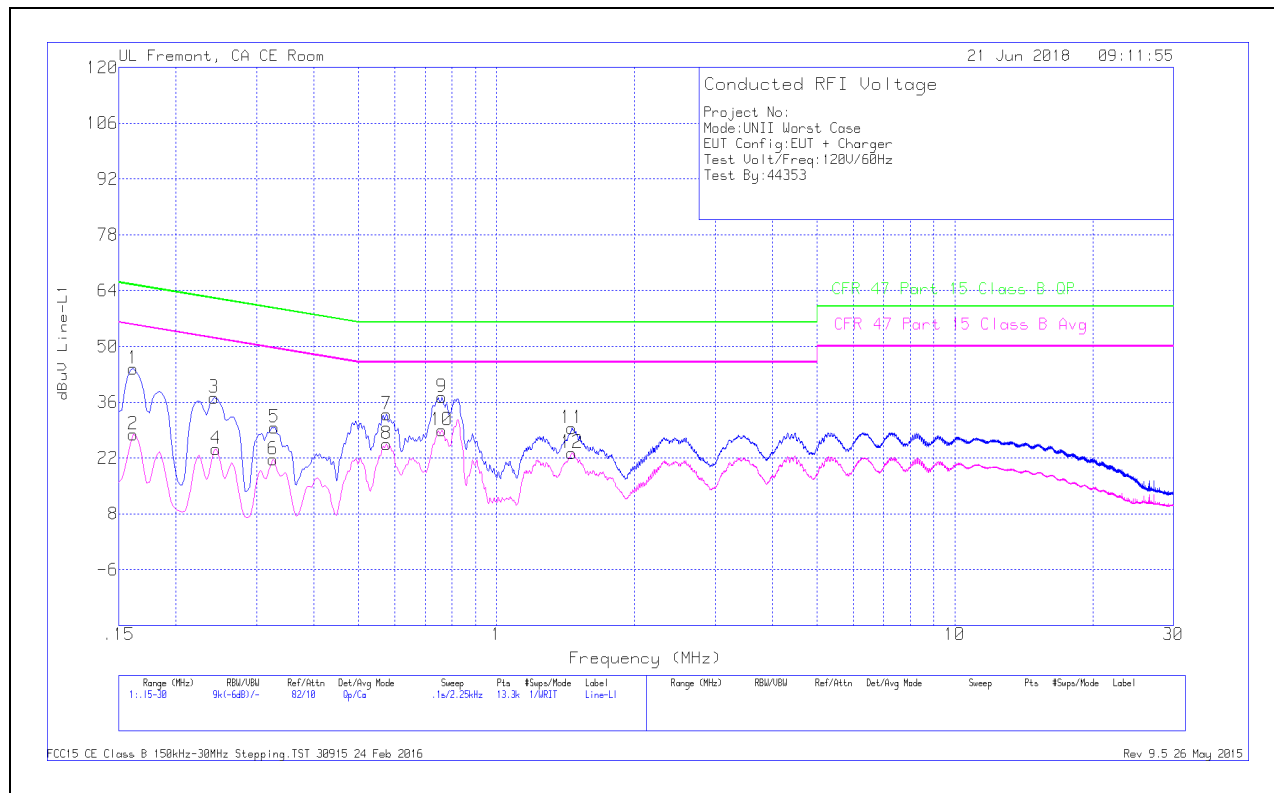
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.19275	46.38	Qp	.1	0	10.1	56.58	63.92	-7.34	-	-
14	.1995	28.84	Ca	.1	0	10.1	39.04	-	-	53.63	-14.59
15	.258	36.12	Qp	.1	0	10.1	46.32	61.5	-15.18	-	-
16	.26475	17.27	Ca	.1	0	10.1	27.47	-	-	51.28	-23.81
17	.321	30.68	Qp	.1	0	10.1	40.88	59.68	-18.8	-	-
18	.33562	13.31	Ca	.1	0	10.1	23.51	-	-	49.31	-25.8
19	.384	25.6	Qp	.1	0	10.1	35.8	58.19	-22.39	-	-
20	.39975	7.81	Ca	.1	0	10.1	18.01	-	-	47.86	-29.85
21	.447	21.67	Qp	.1	0	10.1	31.87	56.93	-25.06	-	-
22	.45375	6.62	Ca	.1	0	10.1	16.82	-	-	46.81	-29.99
23	3.759	26.22	Qp	0	.1	10.1	36.42	56	-19.58	-	-
24	3.74325	14.06	Ca	0	.1	10.1	24.26	-	-	46	-21.74

Qp - Quasi-Peak detector

Ca - CISPR average detection

10.1.2. AC Power Line Norm

LINE 1 RESULTS

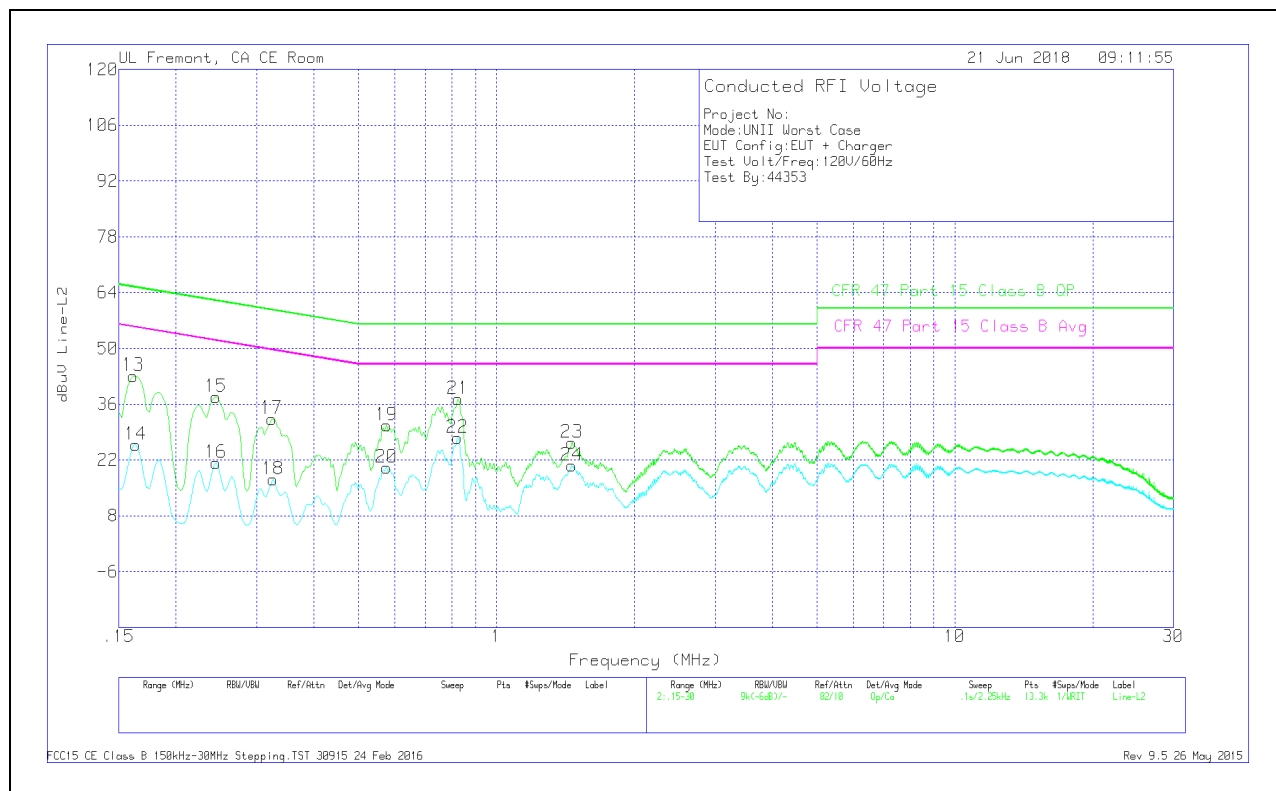


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.16125	33.65	Qp	.7	0	10.1	44.45	65.4	-20.95	-	-
2	.16125	17.1	Ca	.7	0	10.1	27.9	-	-	55.4	-27.5
3	.24225	26.6	Qp	.4	0	10.1	37.1	62.02	-24.92	-	-
4	.2445	13.76	Ca	.4	0	10.1	24.26	-	-	51.94	-27.68
5	.32775	19.31	Qp	.3	0	10.1	29.71	59.51	-29.8	-	-
6	.3255	11.23	Ca	.3	0	10.1	21.63	-	-	49.57	-27.94
7	.57525	22.69	Qp	.1	0	10.1	32.89	56	-23.11	-	-
8	.57525	15.32	Ca	.1	0	10.1	25.52	-	-	46	-20.48
9	.75975	27.07	Qp	.1	0	10.1	37.27	56	-18.73	-	-
10	.75975	18.75	Ca	.1	0	10.1	28.95	-	-	46	-17.05
11	1.46175	19.2	Qp	.1	.1	10.1	29.5	56	-26.5	-	-
12	1.46175	13.01	Ca	.1	.1	10.1	23.31	-	-	46	-22.69

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	32.93	Qp	.1	0	10.1	43.13	65.4	-22.27	-	-
14	.1635	15.65	Ca	.1	0	10.1	25.85	-	-	55.28	-29.43
15	.2445	27.6	Qp	.1	0	10.1	37.8	61.94	-24.14	-	-
16	.2445	11.04	Ca	.1	0	10.1	21.24	-	-	51.94	-30.7
17	.32325	22.15	Qp	.1	0	10.1	32.35	59.62	-27.27	-	-
18	.3255	6.88	Ca	.1	0	10.1	17.08	-	-	49.57	-32.49
19	.57525	20.48	Qp	.1	0	10.1	30.68	56	-25.32	-	-
20	.57525	9.95	Ca	.1	0	10.1	20.15	-	-	46	-25.85
21	.825	27.16	Qp	.1	0	10.1	37.36	56	-18.64	-	-
22	.82275	17.36	Ca	.1	0	10.1	27.56	-	-	46	-18.44
23	1.46175	16.2	Qp	0	.1	10.1	26.4	56	-29.6	-	-
24	1.46175	10.41	Ca	0	.1	10.1	20.61	-	-	46	-25.39

Qp - Quasi-Peak detector

Ca - CISPR average detection

END OF REPORT

11. SETUP PHOTOS

Please refer to 12216366-EP1V1 for setup photos