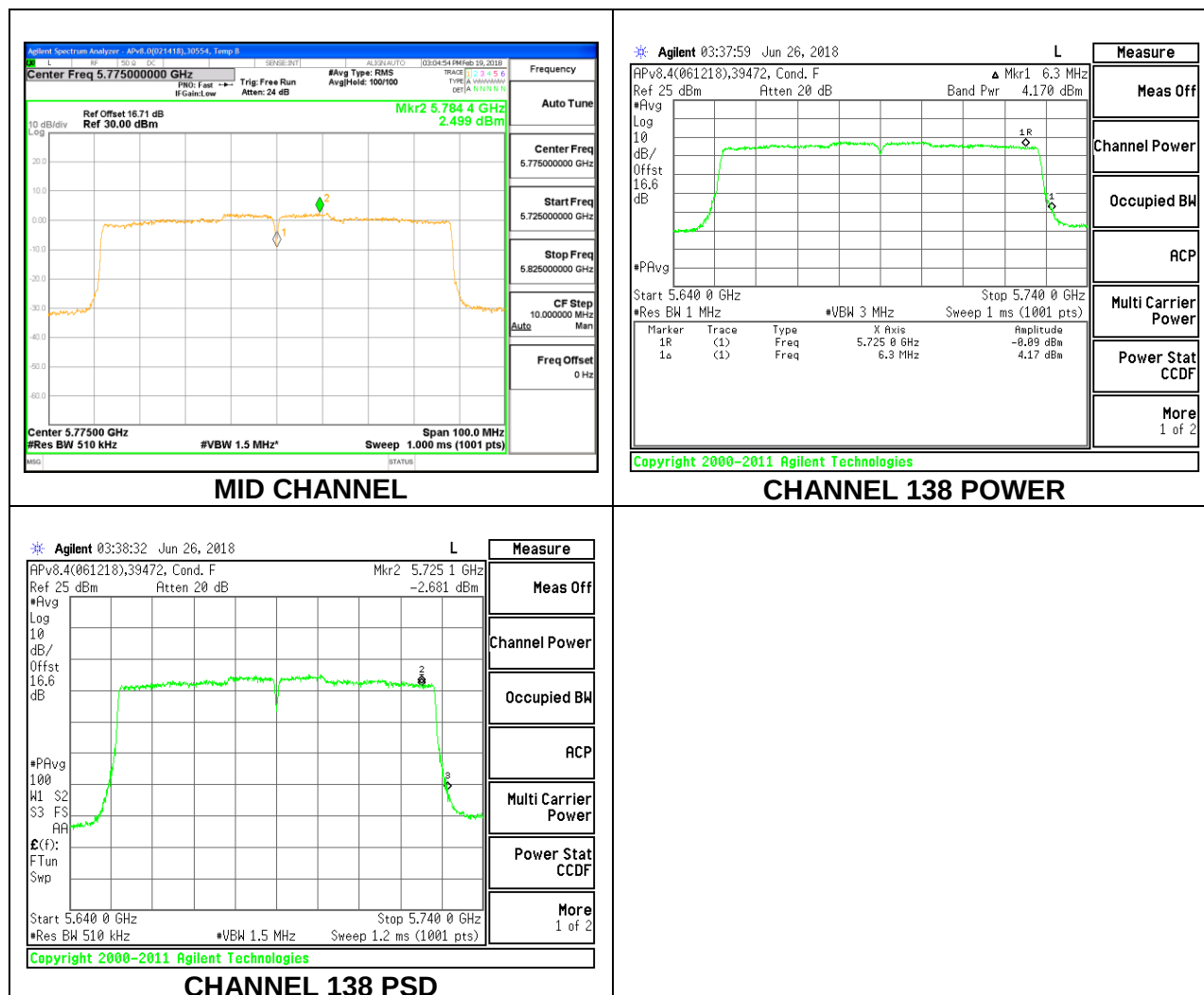




1TX Antenna 5 Mode

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5775	82.60	-5.70	30.00	30.00
138	5690	82.60	-5.70	30.00	30.00

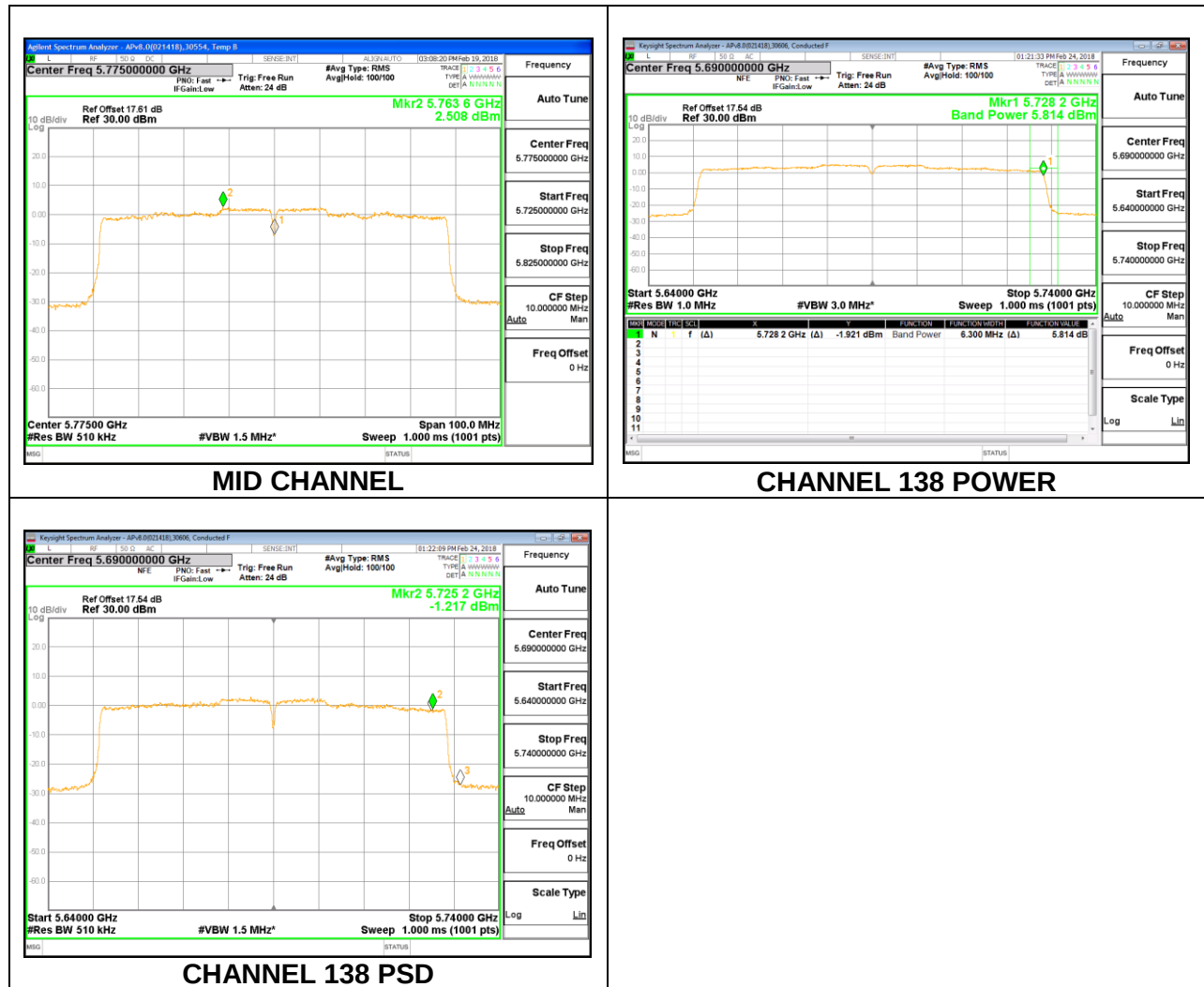
Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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Output Power Results

Channel	Frequency (MHz)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5775	21.83	21.83	30.00	-8.17
138	5690	5.81	6.01	30.00	-23.99

PSD Results

Channel	Frequency (MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5775	2.51	2.71	30.00	-27.29
138	5690	-1.22	-1.02	30.00	-31.02



2TX Antenna 6 + Antenna 5 CDD MODE

Antenna Gain and Limit

Channel	Frequency (MHz)	Min 26 dB BW (MHz)	Directional Gain For Power (dBi)	Directional Gain For PSD (dBi)	Power Limit (dBm)	PSD Limit (dBm/ 1MHz)
Mid	5755	82.40	-3.61	-0.76	30.00	30.00
138	5690	82.00	-3.61	-0.76	30.00	30.00

Duty Cycle CF (dB)	0.20	Included in Calculations of Corr'd Power (Ch 138) & PSD
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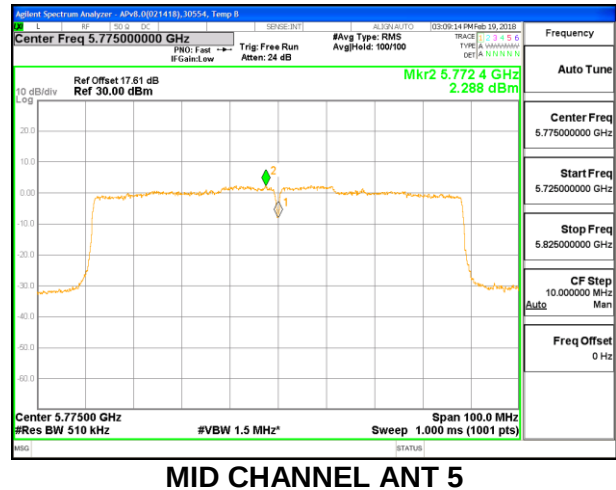
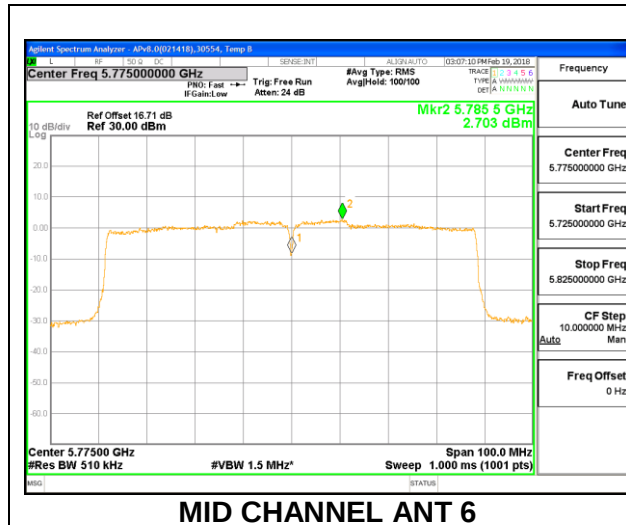
Output Power Results

Channel	Frequency (MHz)	Ant 6 Meas Power (dBm)	Ant 5 Meas Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Power Margin (dB)
Mid	5755	21.83	21.85	24.85	30.00	-5.15
138	5690	4.89	4.30	7.82	30.00	-22.18

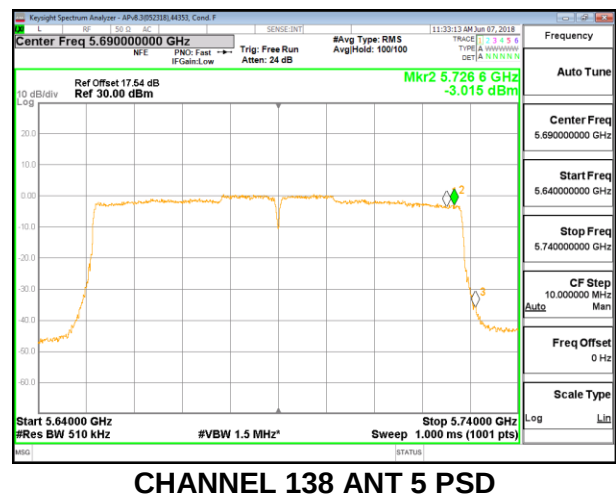
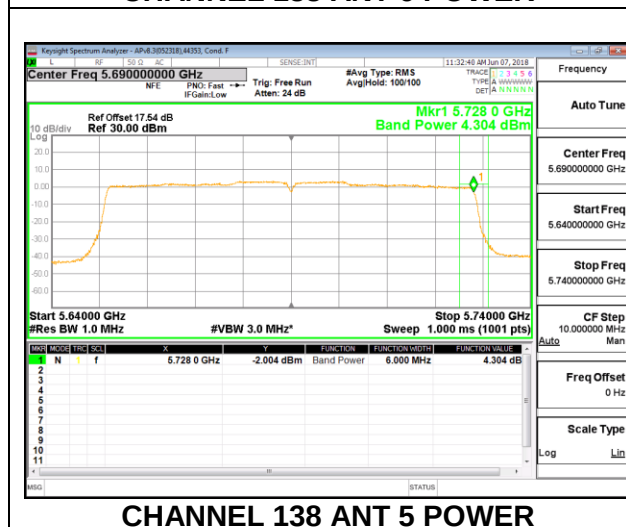
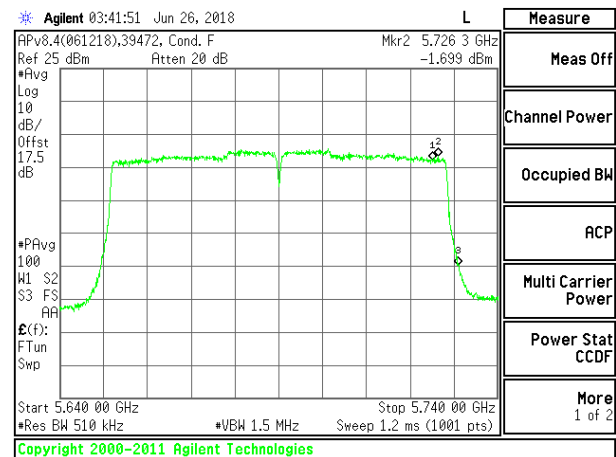
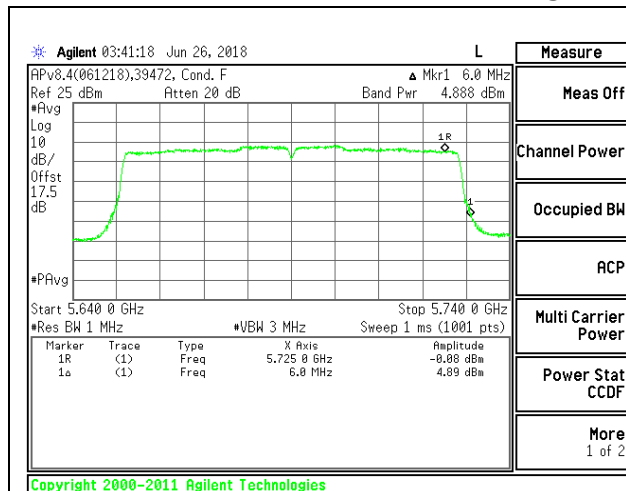
PSD Results

Channel	Frequency (MHz)	Ant 6 Meas PSD (dBm/ 1MHz)	Ant 5 Meas PSD (dBm/ 1MHz)	Total Corr'd PSD (dBm/ 1MHz)	PSD Limit (dBm/ 1MHz)	PSD Margin (dB)
Mid	5755	2.70	2.29	5.71	30.00	-24.29
138	5690	-1.70	-3.02	0.90	30.00	-29.10

MID CHANNEL



CHANNEL 138



9. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 5 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

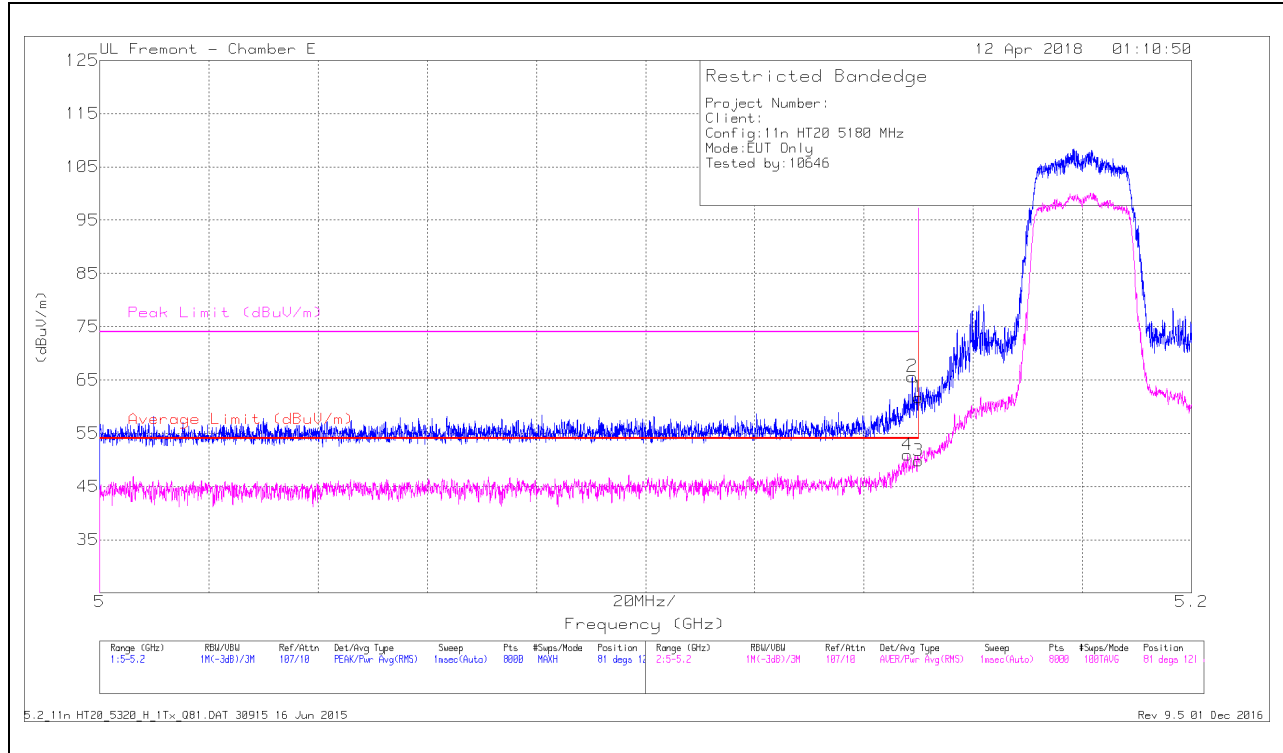
9.1. TRANSMITTER ABOVE 1 GHz

9.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



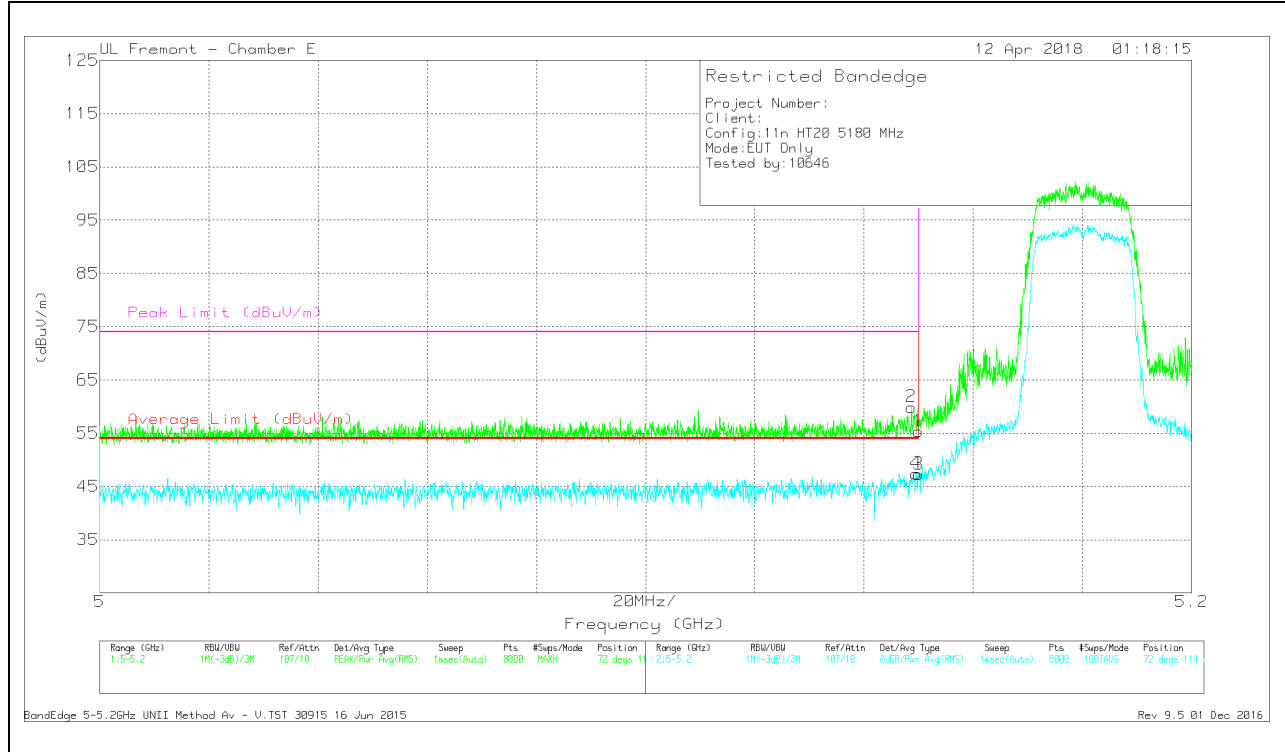
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.148	35.95	RMS	34.8	-19.8	50.95	54	-3.05	-	-	81	121	H
2	* 5.149	50.64	Pk	34.8	-19.8	65.64	-	-	74	-8.36	81	121	H
1	* 5.15	46.75	Pk	34.8	-19.8	61.75	-	-	74	-12.25	81	121	H
3	* 5.15	34.81	RMS	34.8	-19.8	49.81	54	-4.19	-	-	81	121	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

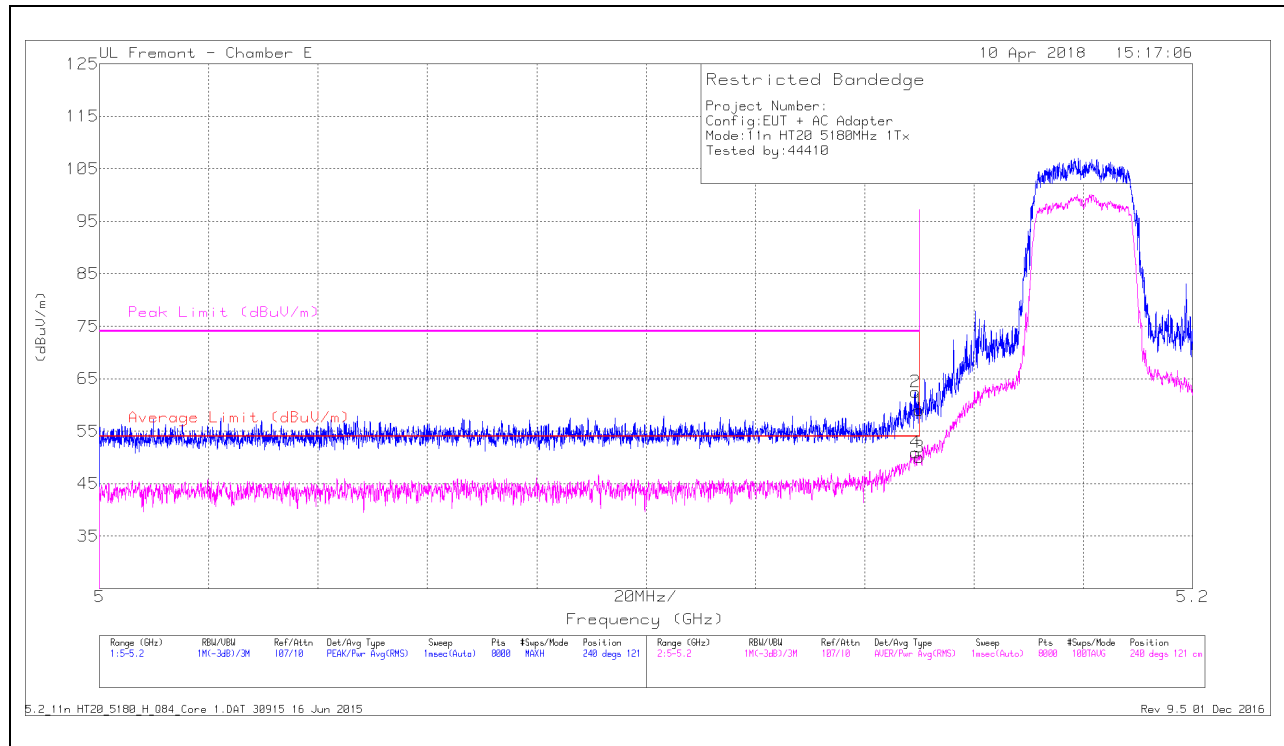


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	44.92	Pk	34.8	-19.8	59.92	-	-	74	-14.08	72	114	V
1	* 5.15	40.34	Pk	34.8	-19.8	55.34	-	-	74	-18.66	72	114	V
3	* 5.15	32.3	RMS	34.8	-19.8	47.3	54	-6.7	-	-	72	114	V
4	* 5.15	32.43	RMS	34.8	-19.8	47.43	54	-6.57	-	-	72	114	V

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

Pk - Peak detector

RMS - RMS detection

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

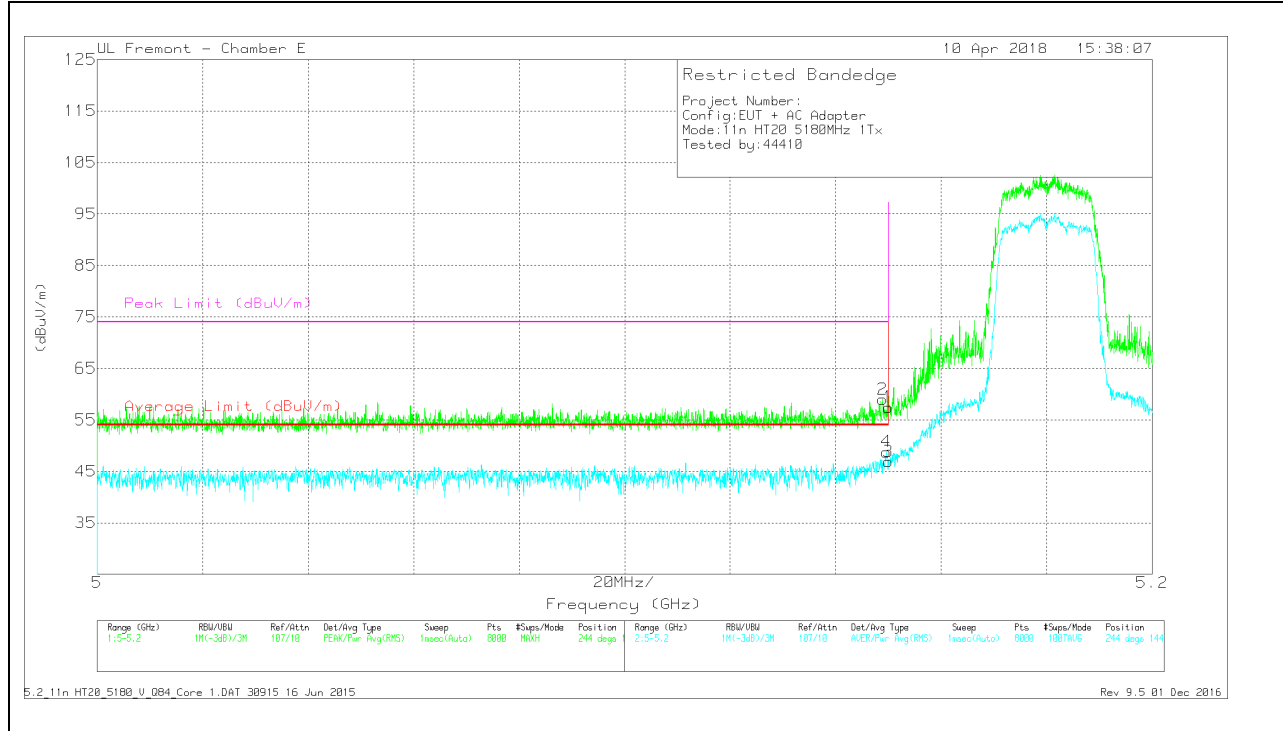
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	47.46	Pk	34.8	-19.8	62.46	-	-	74	-11.54	240	121	H
4	* 5.149	35.95	RMS	34.8	-19.8	50.95	54	-3.05	-	-	240	121	H
1	* 5.15	43.94	Pk	34.8	-19.8	58.94	-	-	74	-15.06	240	121	H
3	* 5.15	35.01	RMS	34.8	-19.8	50.01	54	-3.99	-	-	240	121	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

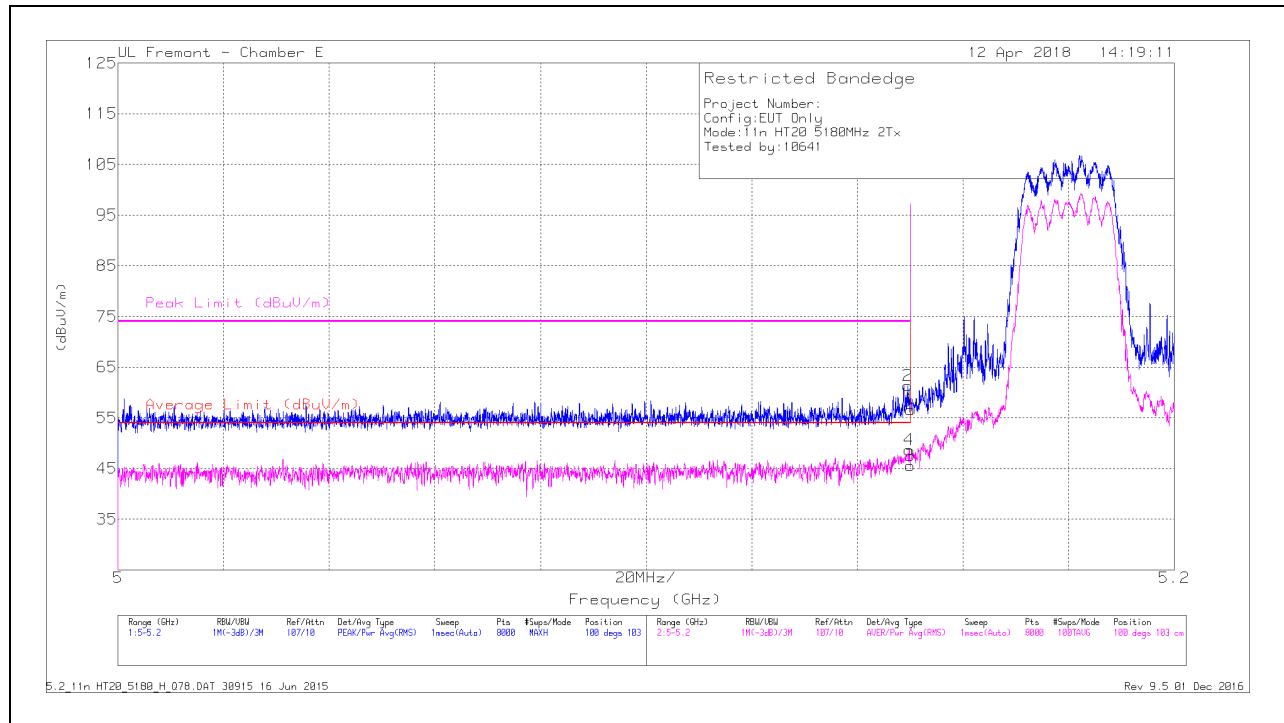


Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.149	44	Pk	34.8	-19.8	59	-	-	74	-15	244	144	V
1	* 5.15	42.47	Pk	34.8	-19.8	57.47	-	-	74	-16.53	244	144	V
3	* 5.15	31.89	RMS	34.8	-19.8	46.89	54	-7.11	-	-	244	144	V
4	* 5.15	33.8	RMS	34.8	-19.8	48.8	54	-5.2	-	-	244	144	V

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

Pk - Peak detector

RMS - RMS detection

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

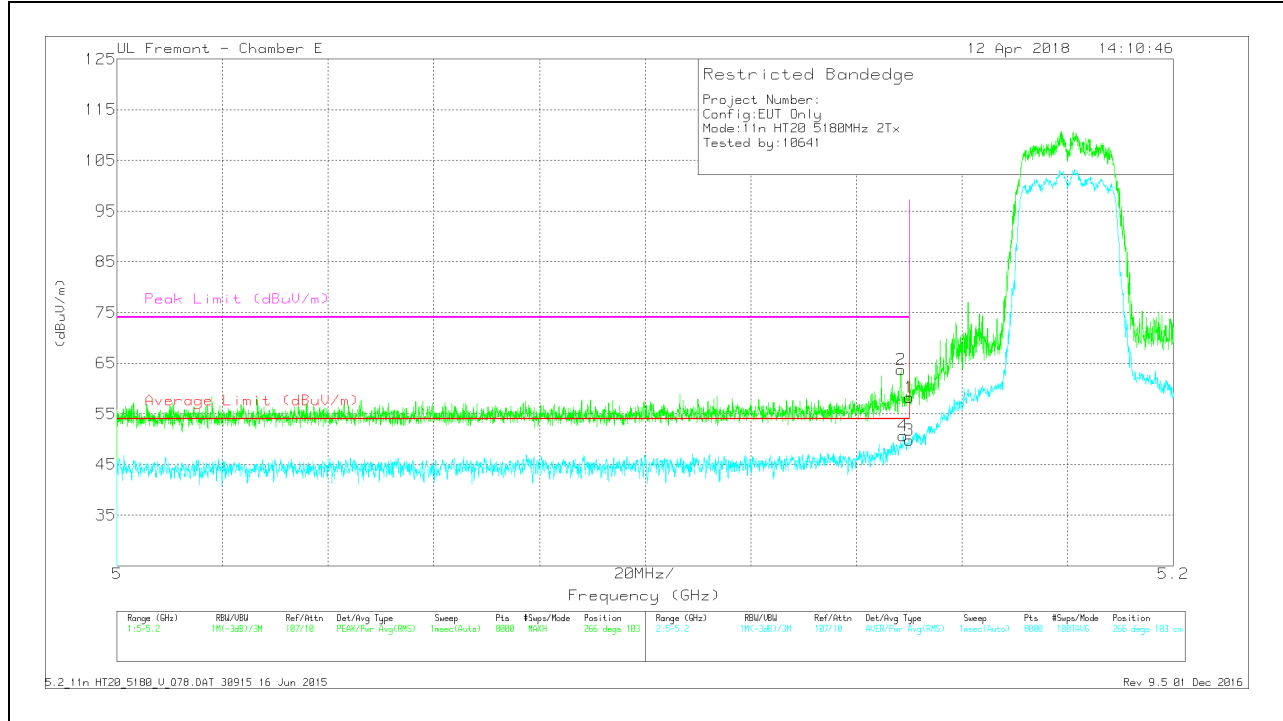
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Fltr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.58	Pk	34.8	-19.8	56.58	-	-	74	-17.42	100	103	H
2	* 5.15	46.39	Pk	34.8	-19.8	61.39	-	-	74	-12.61	100	103	H
3	* 5.15	30.61	RMS	34.8	-19.8	45.61	54	-8.39	-	-	100	103	H
4	* 5.15	33.65	RMS	34.8	-19.8	48.65	54	-5.35	-	-	100	103	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.23	Pk	34.8	-19.8	58.23	-	-	74	-15.77	266	103	V
2	* 5.148	48.68	Pk	34.8	-19.8	63.68	-	-	74	-10.32	266	103	V
3	* 5.15	34.74	RMS	34.8	-19.8	49.74	54	-4.26	-	-	266	103	V
4	* 5.149	35.66	RMS	34.8	-19.8	50.66	54	-3.34	-	-	266	103	V

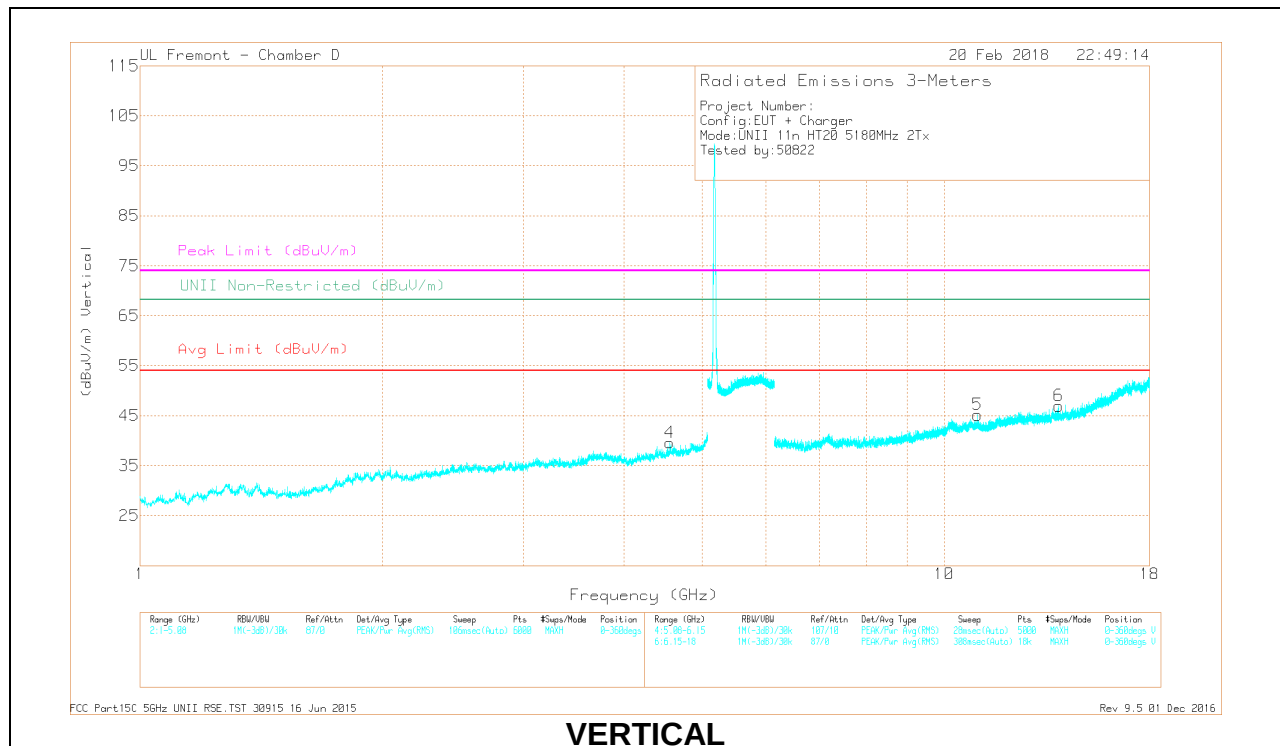
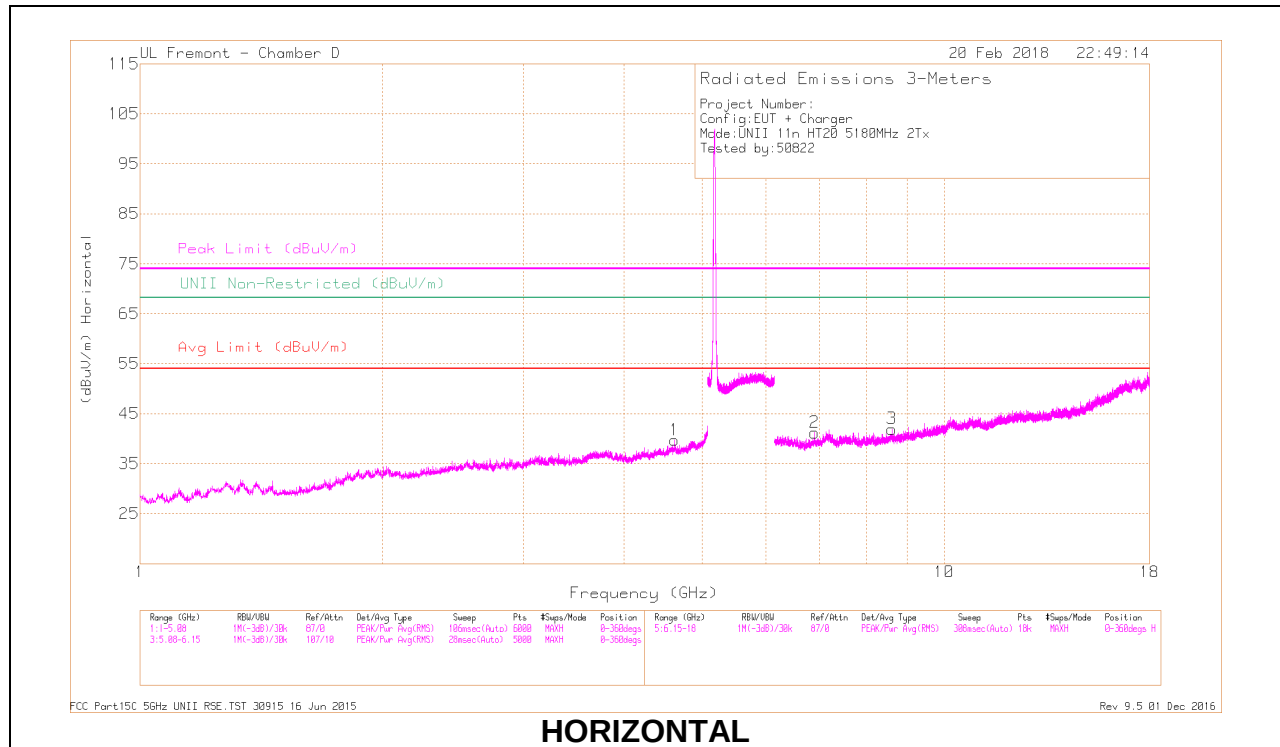
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

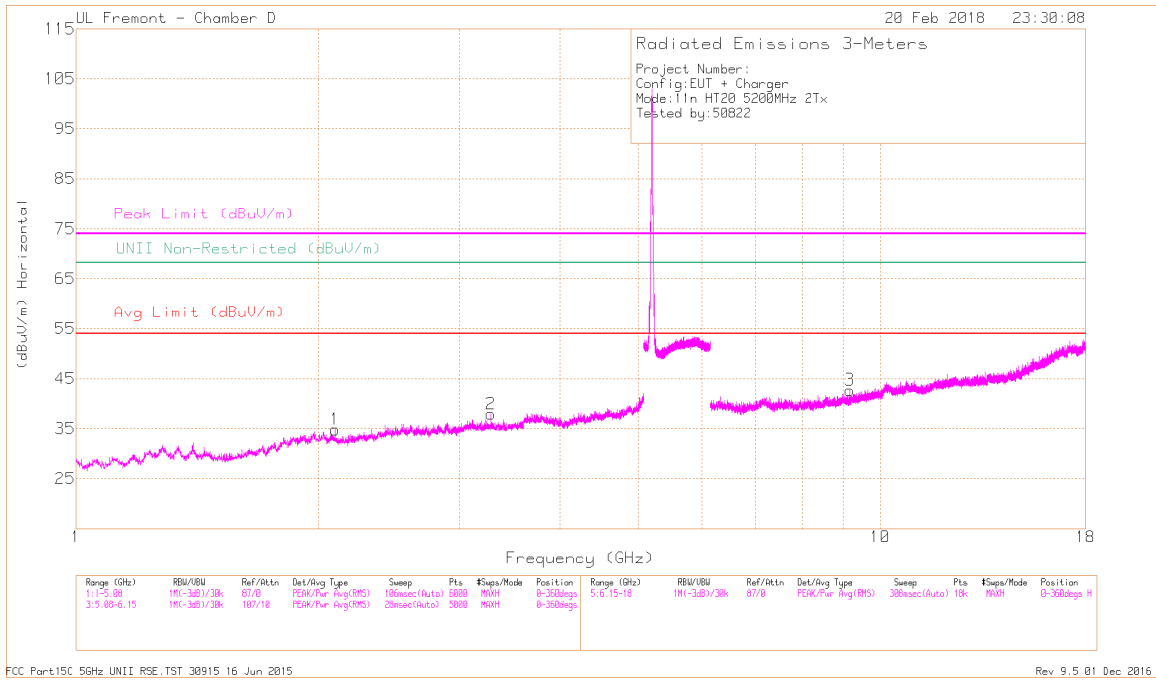
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.619	37.04	PK-U	34.6	-26.5	45.14	-	-	74	-28.86	-	-	98	113	H
	* 4.621	25.53	ADR	34.6	-26.5	33.63	54	-20.37	-	-	-	-	98	113	H
2	6.901	36.15	PK-U	36.1	-25	47.25	-	-	-	-	68.2	-20.95	68	102	H
3	8.606	34.33	PK-U	35.9	-22.1	48.13	-	-	-	-	68.2	-20.07	249	112	H
4	* 4.555	37.61	PK-U	34.6	-27.2	45.01	-	-	74	-28.99	-	-	82	108	V
	* 4.554	26.06	ADR	34.6	-27.2	33.46	54	-20.54	-	-	-	-	82	108	V
5	* 10.995	33.56	PK-U	37.8	-20.6	50.76	-	-	74	-23.24	-	-	315	113	V
	* 10.994	21.82	ADR	37.8	-20.6	39.02	54	-14.98	-	-	-	-	315	113	V
6	13.88	35.18	PK-U	39	-22	52.18	-	-	-	-	68.2	-16.02	315	111	V

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

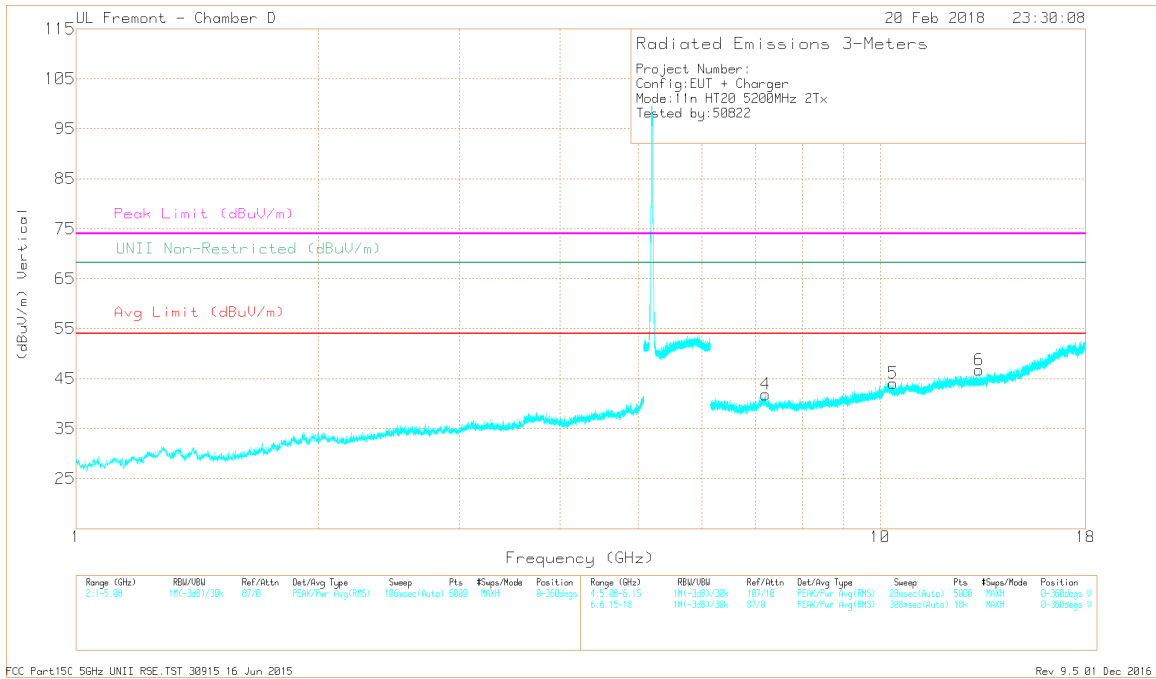
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

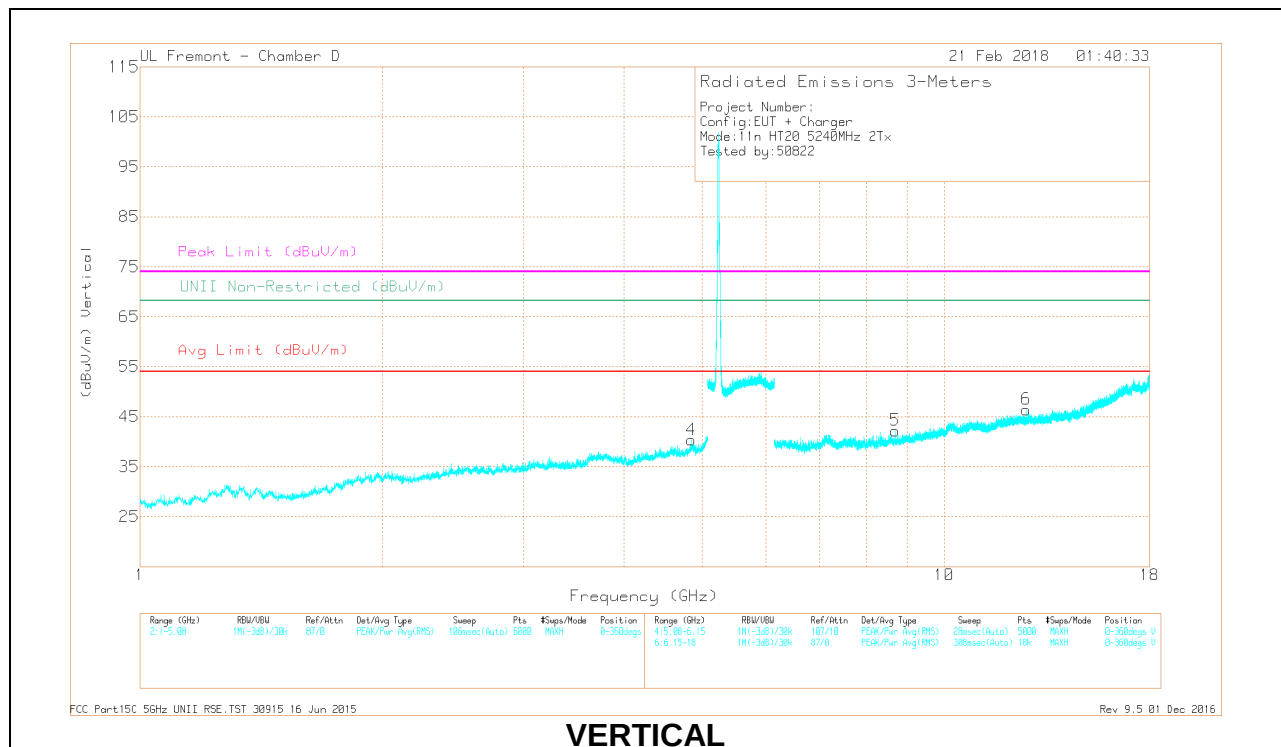
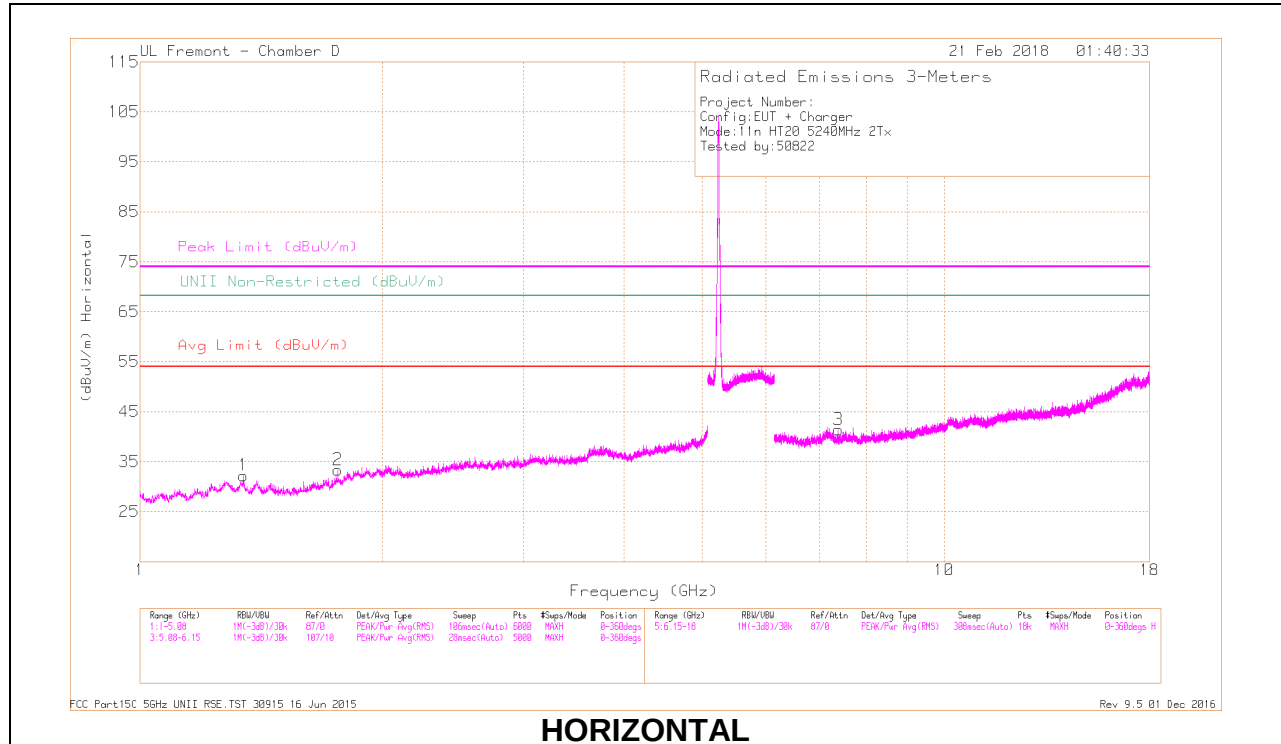
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.102	40.81	PK-U	31.2	-30.4	41.61	-	-	-	-	68.2	-26.59	317	119	H
2	3.28	39.46	PK-U	33.3	-28.9	43.86	-	-	-	-	68.2	-24.34	58	110	H
3	* 9.165	34.24	PK-U	36.3	-22.3	48.24	-	-	74	-25.76	-	-	187	278	H
	* 9.163	22.61	ADR	36.3	-22.3	36.61	54	-17.39	-	-	-	-	187	278	H
4	7.199	35.73	PK-U	36.3	-23.4	48.63	-	-	-	-	68.2	-19.57	241	109	V
5	10.374	33.29	PK-U	37.5	-20.9	49.89	-	-	-	-	68.2	-18.31	163	113	V
6	* 13.279	35.24	PK-U	39.2	-21.7	52.74	-	-	74	-21.26	-	-	3	111	V
	* 13.279	23.16	ADR	39.2	-21.7	40.66	54	-13.34	-	-	-	-	3	111	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT136 (dB/m)	Amp/Cbl/ Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.344	41.25	PK-U	28.9	-31.1	39.05	-	-	74	-34.95	-	-	303	117	H
	* 1.343	29.08	ADR	28.9	-31.1	26.88	54	-27.12	-	-	-	-	303	117	H
4	* 4.844	36.71	PK-U	34.5	-25.8	45.41	-	-	74	-28.59	-	-	223	232	V
	* 4.845	25.05	ADR	34.5	-25.7	33.85	54	-20.15	-	-	-	-	223	232	V
3	* 7.385	35.72	PK-U	36.2	-24.9	47.02	-	-	74	-26.98	-	-	34	110	H
	* 7.383	24.09	ADR	36.2	-24.9	35.39	54	-18.61	-	-	-	-	34	110	H
6	* 12.648	33.63	PK-U	39.2	-21	51.83	-	-	74	-22.17	-	-	93	110	V
	* 12.647	22.31	ADR	39.2	-21	40.51	54	-13.49	-	-	-	-	93	110	V
2	1.761	40.76	PK-U	29.7	-30.9	39.56	-	-	-	-	68.2	-28.64	248	103	H
5	8.686	35.08	PK-U	36	-23	48.08	-	-	-	-	68.2	-20.12	52	111	V

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

PK-U - U-NII: Maximum Peak

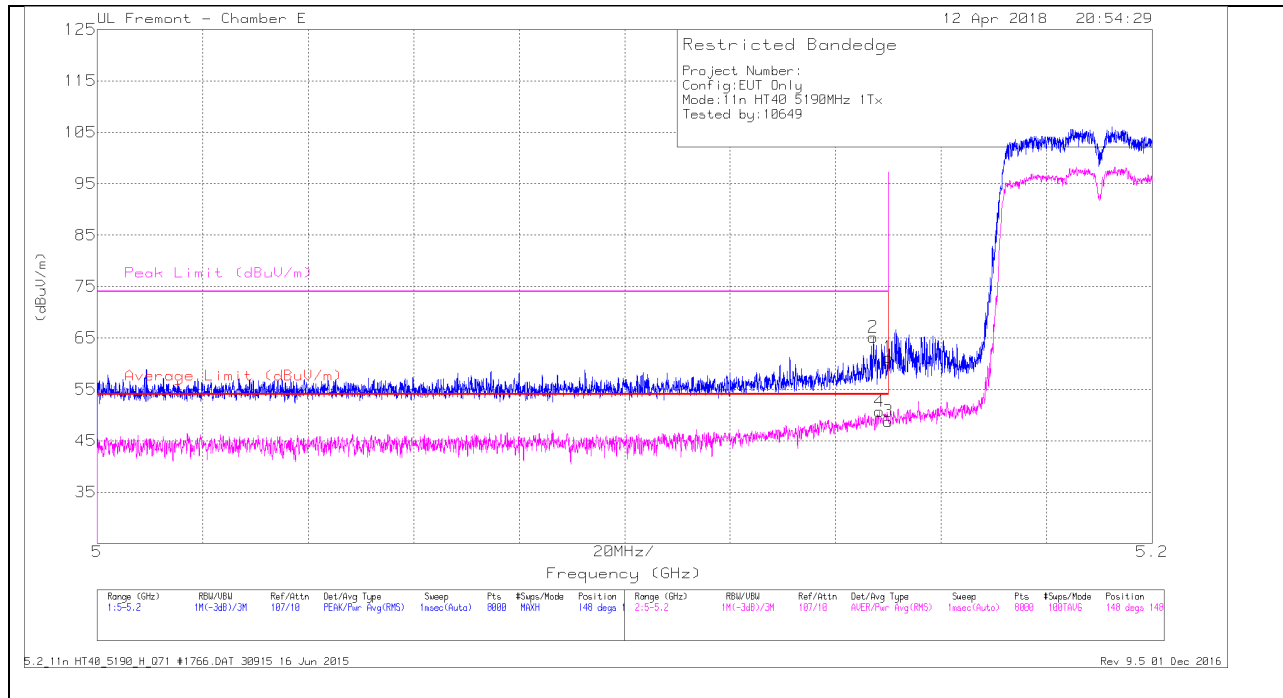
ADR - U-NII AD primary method, RMS average

9.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.24	Pk	34.8	-19.8	0	61.24	-	-	74	-12.76	148	148	H
2	* 5.147	50.24	Pk	34.7	-19.8	0	65.14	-	-	74	-8.86	148	148	H
3	* 5.15	33.79	RMS	34.8	-19.8	.09	48.88	54	-5.12	-	-	148	148	H
4	* 5.148	35.67	RMS	34.8	-19.8	.09	50.76	54	-3.24	-	-	148	148	H

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

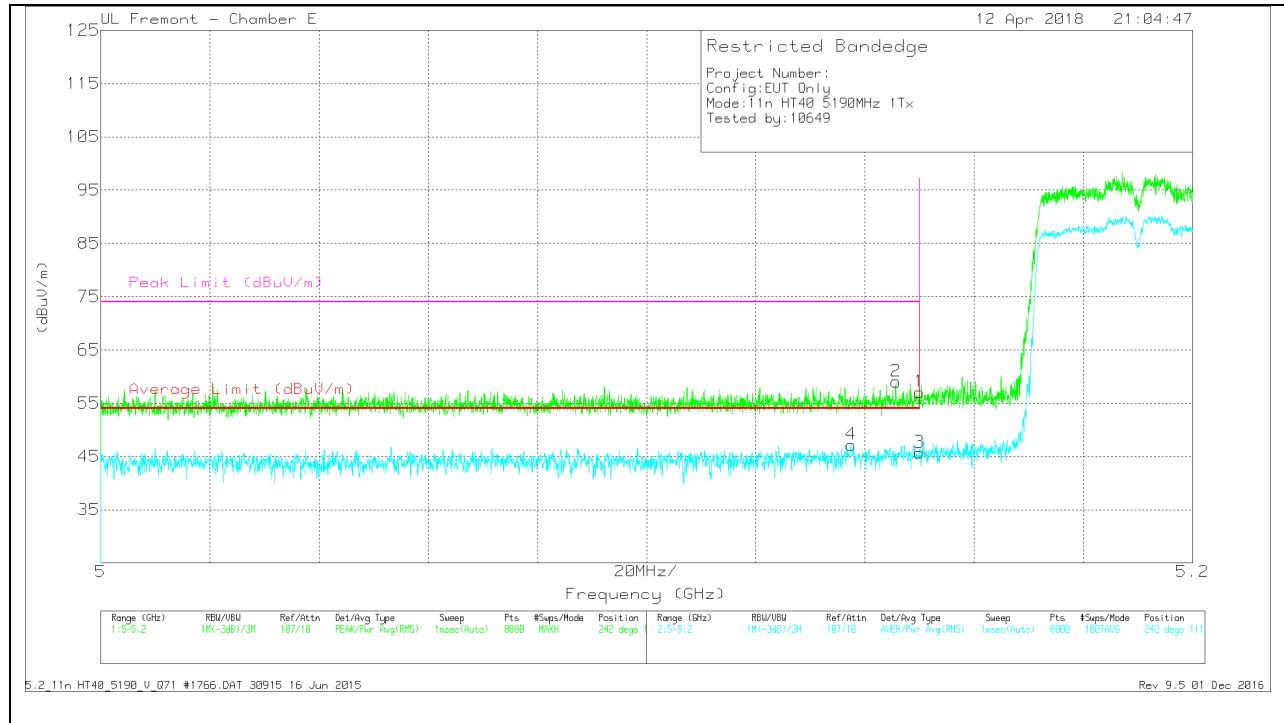
Pk - Peak detector

RMS - RMS detection

5.2_11n HT40_5190_H_Q71 #1766.DAT 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.137	32.31	RMS	34.7	-19.8	.09	47.3	54	-6.7	-	-	242	111	V
2	* 5.146	44.17	Pk	34.7	-19.8	0	59.07	-	-	74	-14.93	242	111	V
1	* 5.15	42.1	Pk	34.8	-19.8	0	57.1	-	-	74	-16.9	242	111	V
3	* 5.15	30.73	RMS	34.8	-19.8	.09	45.82	54	-8.18	-	-	242	111	V

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

Pk - Peak detector

RMS - RMS detection

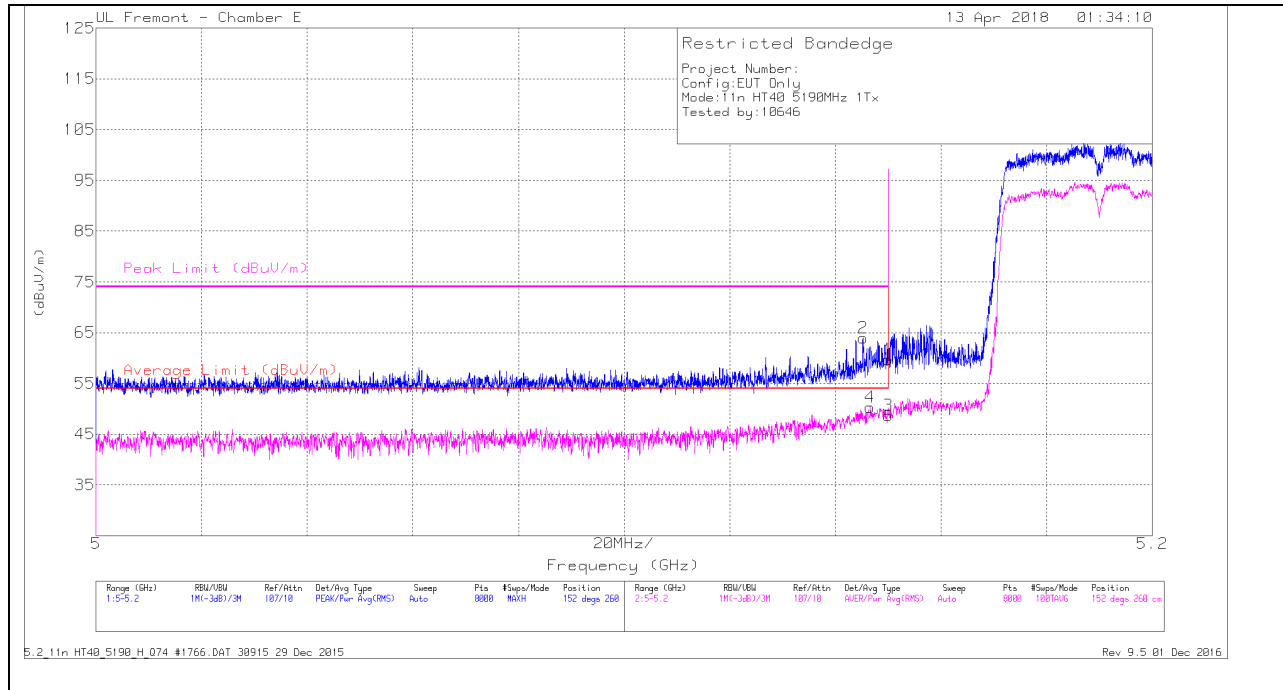
5.2_11n HT40_5190_V_Q71 #1766.DAT 30915 16 Jun 2015

Rev 9.5.01 Dec 2016

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.78	Pk	34.8	-19.8	0	59.78	-	-	74	-14.22	152	260	H
2	* 5.145	49.1	Pk	34.7	-19.8	0	64	-	-	74	-10	152	260	H
3	* 5.15	33.63	RMS	34.8	-19.8	.09	48.72	54	-5.28	-	-	152	260	H
4	* 5.147	35.42	RMS	34.7	-19.8	.09	50.41	54	-3.59	-	-	152	260	H

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

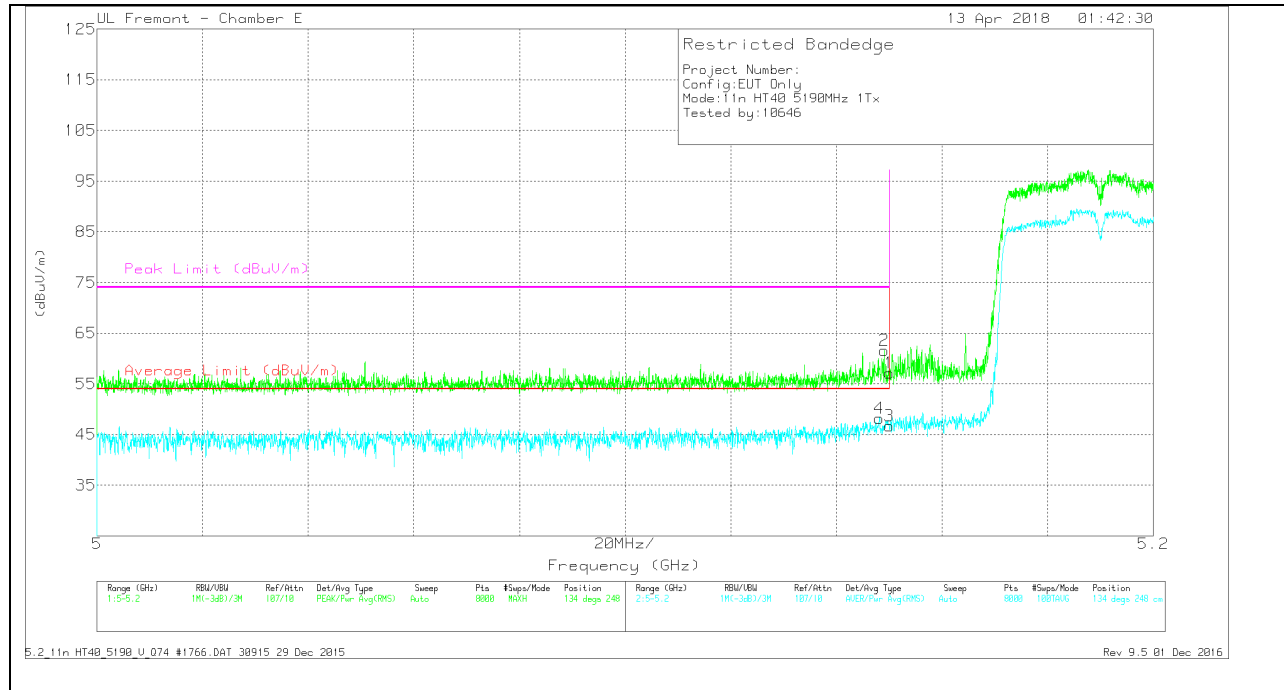
Pk - Peak detector

RMS - RMS detection

5.2_11n HT40_5190_H_Q74 #1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.11	Pk	34.8	-19.8	0	57.11	-	-	74	-16.89	134	248	V
2	* 5.149	46.54	Pk	34.8	-19.8	0	61.54	-	-	74	-12.46	134	248	V
3	* 5.15	31.68	RMS	34.8	-19.8	.09	46.77	54	-7.23	-	-	134	248	V
4	* 5.148	33.23	RMS	34.8	-19.8	.09	48.32	54	-5.68	-	-	134	248	V

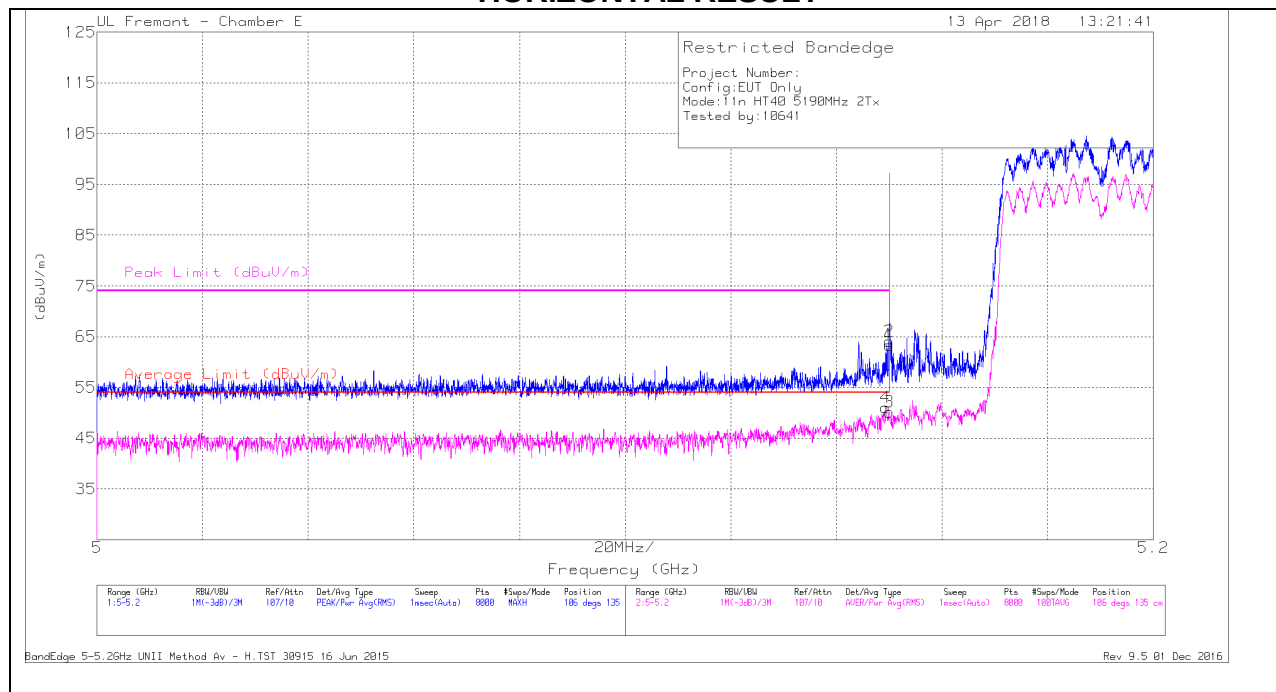
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.2_11n HT40_5190_V_Q74 #1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	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	* 5.15	48.39	Pk	34.8	-19.8	0	63.39	-	-	74	-10.61	106	135	H
2	* 5.15	49.07	Pk	34.8	-19.8	0	64.07	-	-	74	-9.93	106	135	H
3	* 5.15	35.02	RMS	34.8	-19.8	.09	50.11	54	-3.89	-	-	106	135	H
4	* 5.149	35.94	RMS	34.8	-19.8	.09	51.03	54	-2.97	-	-	106	135	H

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

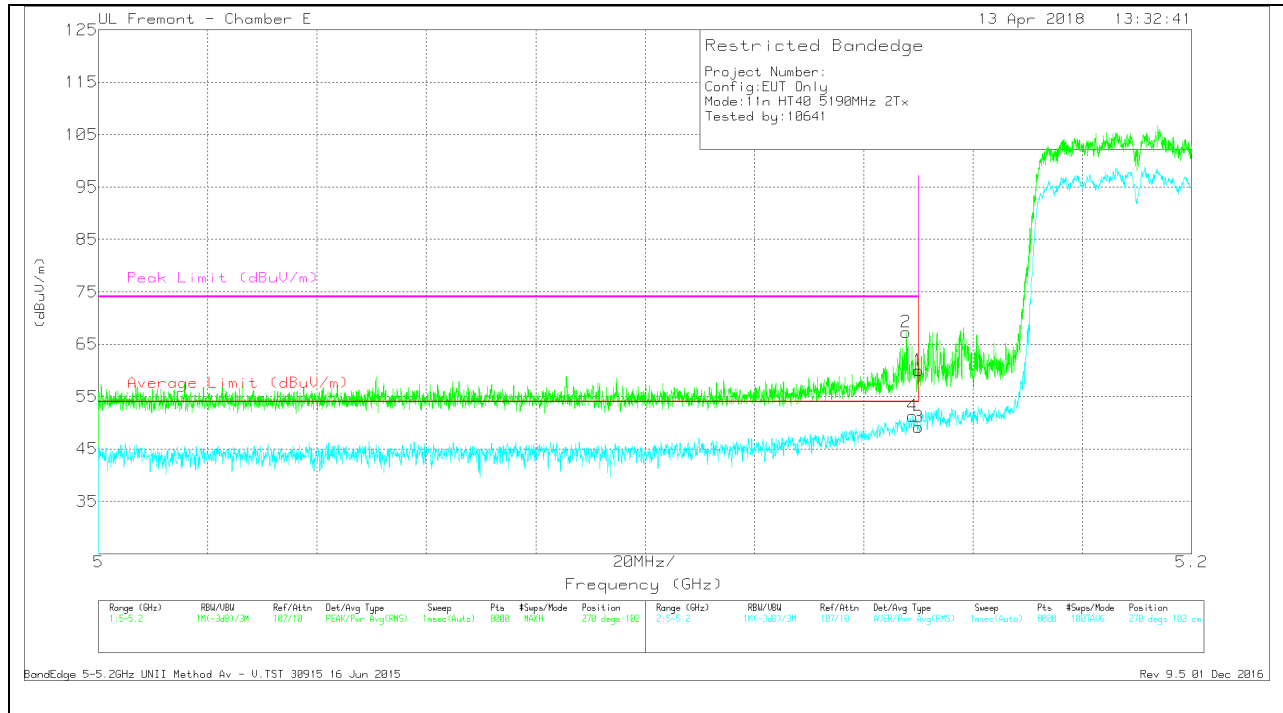
Pk - Peak detector

RMS - RMS detection

BandEdge 5-5.2GHz UNII Method Av - H.TST 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	52.34	Pk	34.8	-19.8	0	67.34	-	-	74	-6.66	270	102	V
4	* 5.149	36.23	RMS	34.8	-19.8	.09	51.32	54	-2.68	-	-	270	102	V
1	* 5.15	44.99	Pk	34.8	-19.8	0	59.99	-	-	74	-14.01	270	102	V
3	* 5.15	34.11	RMS	34.8	-19.8	.09	49.2	54	-4.8	-	-	270	102	V

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

Pk - Peak detector

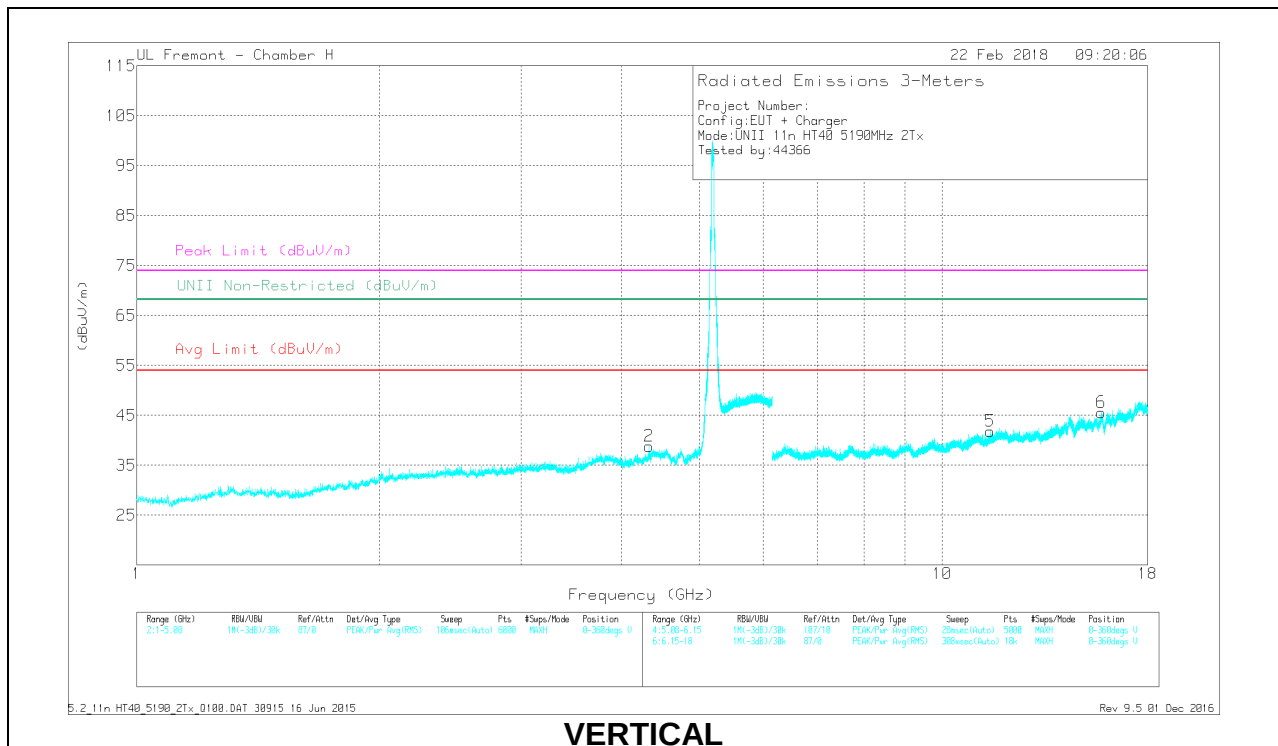
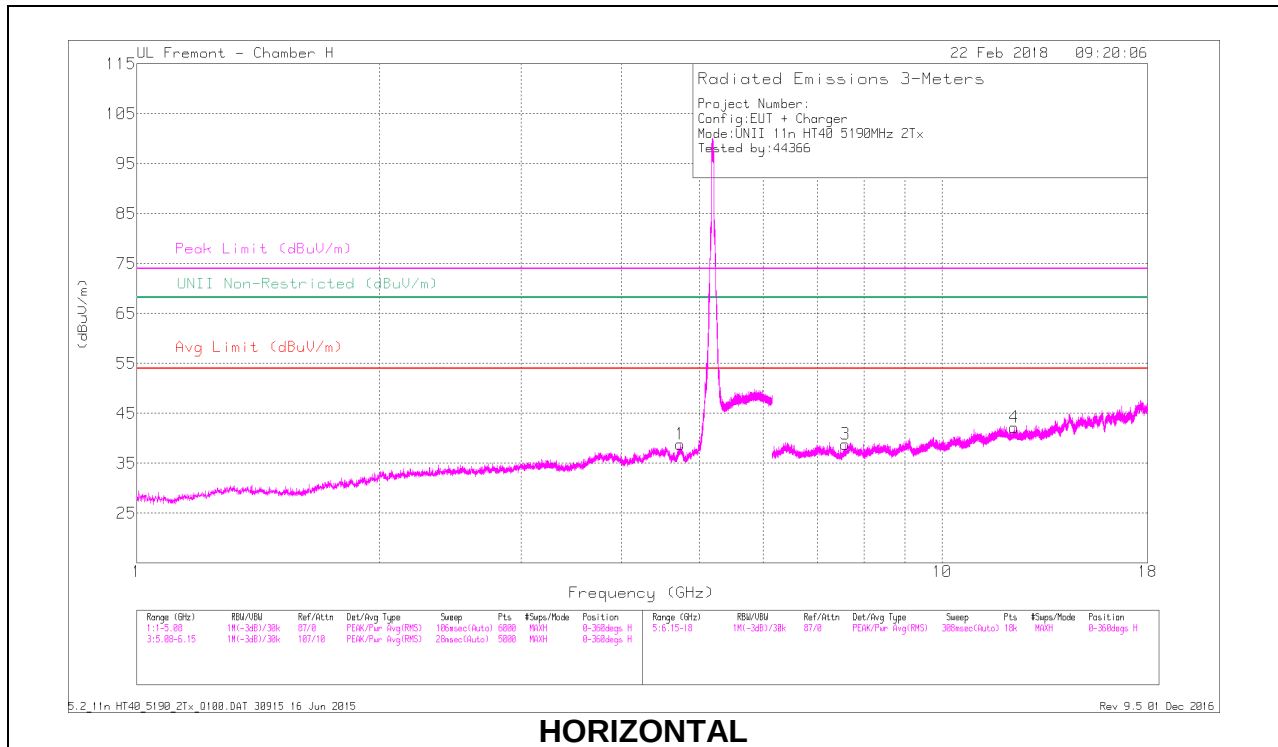
RMS - RMS detection

BandEdge 5-5.2GHz UNII Method Av - V.TST 30915 16 Jun 2015

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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

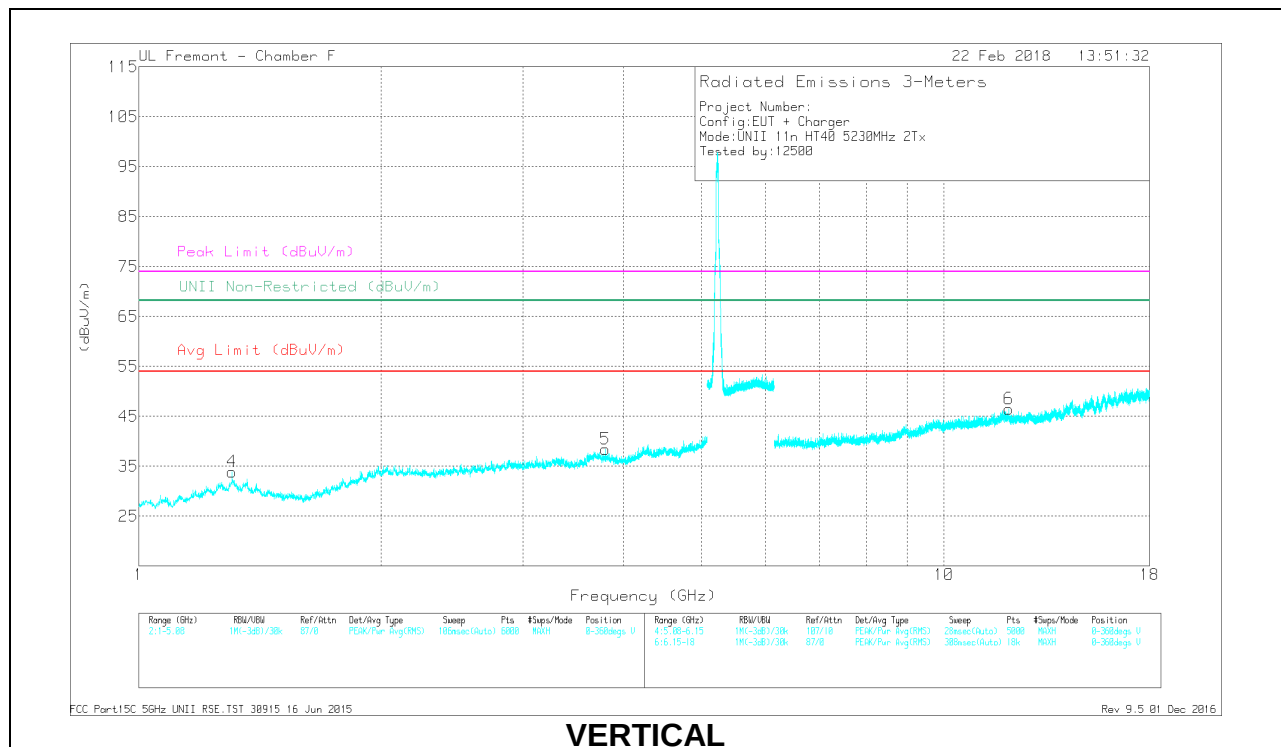
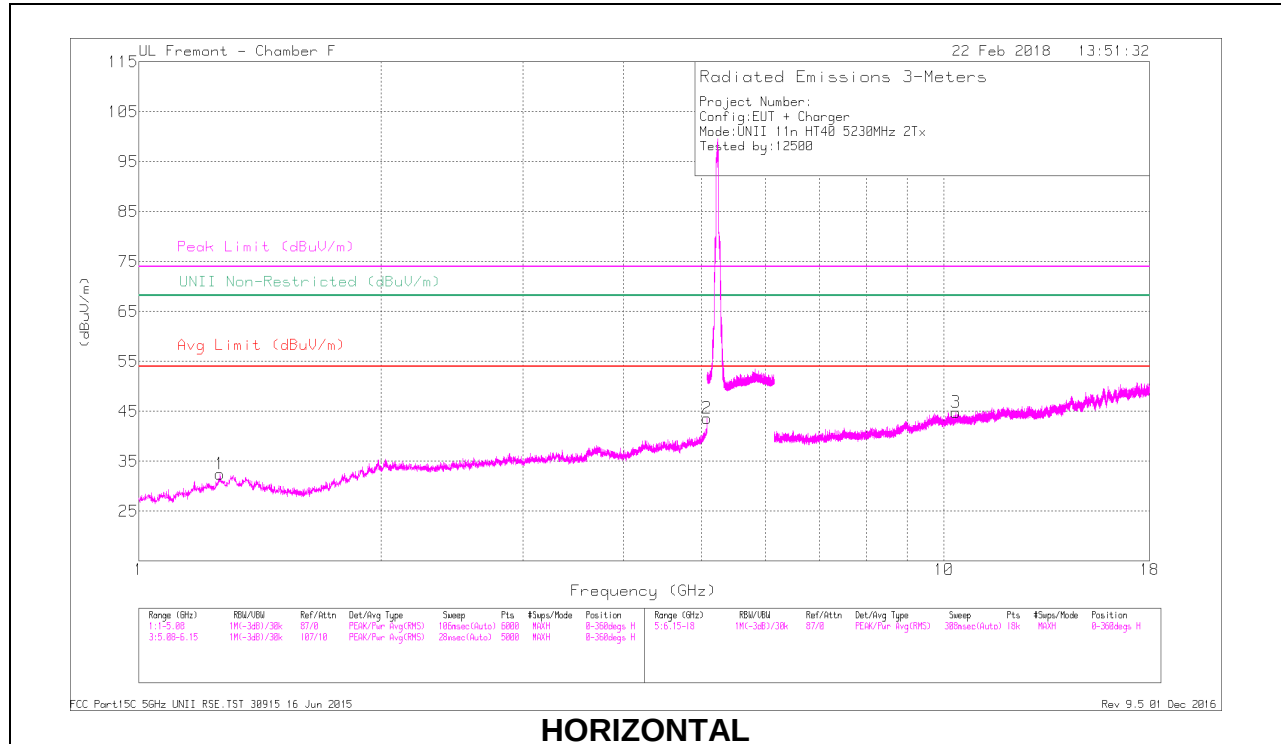
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.726	43.23	PK-U	34.2	-33.8	0	43.63	-	-	74	-30.37	200	193	H
	* 4.727	31.4	ADR	34.2	-33.8	.09	31.89	54	-22.11	-	-	200	193	H
2	* 4.328	45.47	PK-U	33.8	-34.7	0	44.57	-	-	74	-29.43	183	315	V
	* 4.33	33.44	ADR	33.8	-34.7	.09	32.63	54	-21.37	-	-	183	315	V
3	* 7.58	39.2	PK-U	36	-30.6	0	44.6	-	-	74	-29.4	322	297	H
	* 7.582	27.66	ADR	36	-30.6	.09	33.15	54	-20.85	-	-	322	297	H
4	* 12.289	36.03	PK-U	38.8	-26.4	0	48.43	-	-	74	-25.57	105	316	H
	* 12.289	24.6	ADR	38.8	-26.4	.09	37.09	54	-16.91	-	-	105	316	H
5	* 11.484	35.68	PK-U	38.4	-26.4	0	47.68	-	-	74	-26.32	6	114	V
	* 11.484	24.43	ADR	38.4	-26.4	.09	36.52	54	-17.48	-	-	6	114	V
6	* 15.765	35.04	PK-U	41.8	-24.5	0	52.34	-	-	74	-21.66	41	143	V
	* 15.766	23.67	ADR	41.8	-24.5	.09	41.06	54	-12.94	-	-	41	143	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

M ar ke r	Frequenc y (GHz)	Mete r Readi ng (dBuV)	Det	AF T119 (dB/ m)	Amp/ Cbl/FI tr/Pa d (dB)	DC Corr (dB)	Corre cted Readi ng (dBuV /m)	Avg Limit (dBuV /m)	Margi n (dB)	Peak Limit (dBu V/m)	PK Margi n (dB)	UNII Non- Restr icted (dBu V/m)	PK Margin (dB)	Azim uth (Deg s)	Heigh t (cm)	Polari ty
1	* 1.261	41.8	PK-U	29.6	-31.6	0	39.8	-	-	74	-34.2	-	-	6	357	H
	* 1.26	29.23	ADR	29.6	-31.6	.09	27.32	54	-26.68	-	-	-	-	6	357	H
2	* 5.076	40.52	PK-U	34.3	-25.6	0	49.22	-	-	74	-24.78	-	-	68	200	H
	* 5.073	28.16	ADR	34.3	-25.7	.09	36.85	54	-17.15	-	-	-	-	68	200	H
4	* 1.306	41.14	PK-U	30.1	-31.2	0	40.04	-	-	74	-33.96	-	-	5	172	V
	* 1.307	29.14	ADR	30	-31.2	.09	28.03	54	-25.97	-	-	-	-	5	172	V
5	* 3.796	39.31	PK-U	33.3	-29	0	43.61	-	-	74	-30.39	-	-	103	209	V
	* 3.795	27.75	ADR	33.3	-29	.09	32.14	54	-21.86	-	-	-	-	103	209	V
3	10.341	34.44	PK-U	37.6	-21.3	0	50.74	-	-	-	-	68.2	-17.46	7	400	H
6	* 12.036	35.22	PK-U	39.1	-22.1	0	52.22	-	-	74	-21.78	-	-	280	126	V
	* 12.037	23.73	ADR	39.1	-22.1	.09	40.82	54	-13.18	-	-	-	-	280	126	V

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

PK-U - U-NII: Maximum Peak

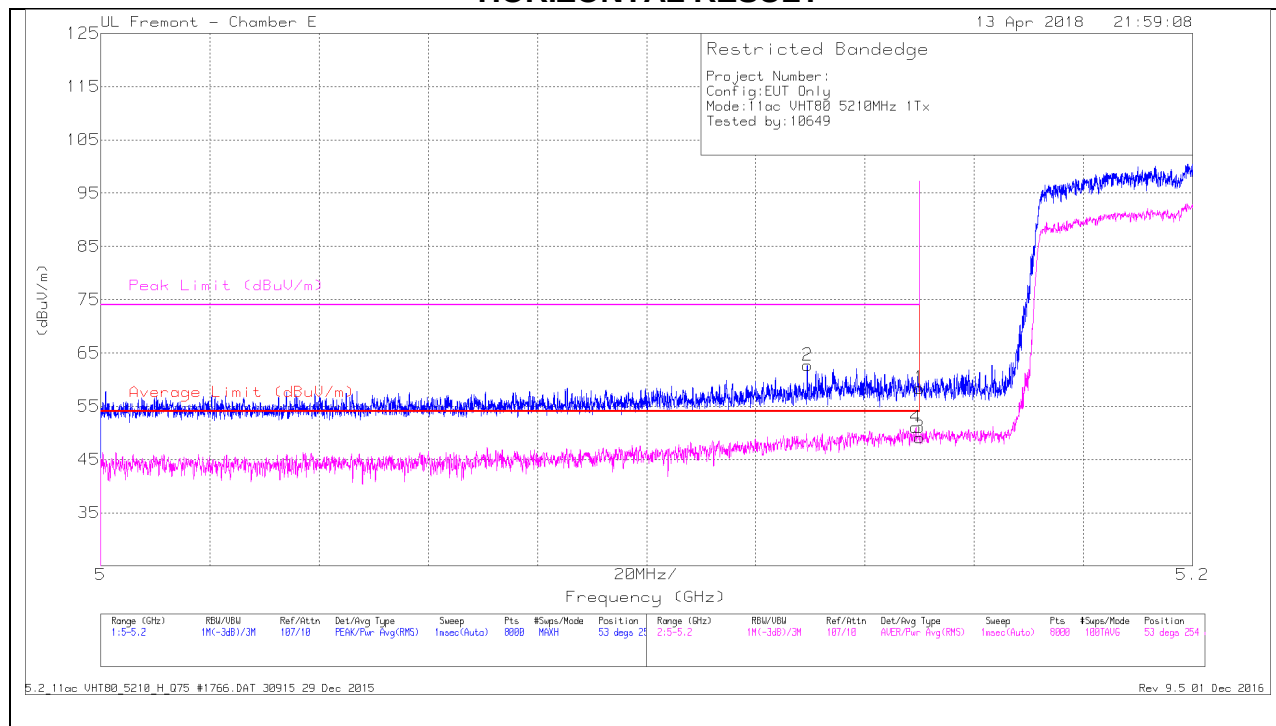
ADR - U-NII AD primary method, RMS average

9.1.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBUV/ m)	Average Limit (dBUV/ m)	Margin (dB)	Peak Limit (dBUV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.129	47.88	Pk	34.7	-19.9	0	62.68	-	-	74	-11.32	53	254	H
4	* 5.149	35.86	RMS	34.8	-19.8	.2	51.06	54	-2.94	-	-	53	254	H
1	* 5.15	43.44	Pk	34.8	-19.8	0	58.44	-	-	74	-15.56	53	254	H
3	* 5.15	33.94	RMS	34.8	-19.8	.2	49.14	54	-4.86	-	-	53	254	H

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

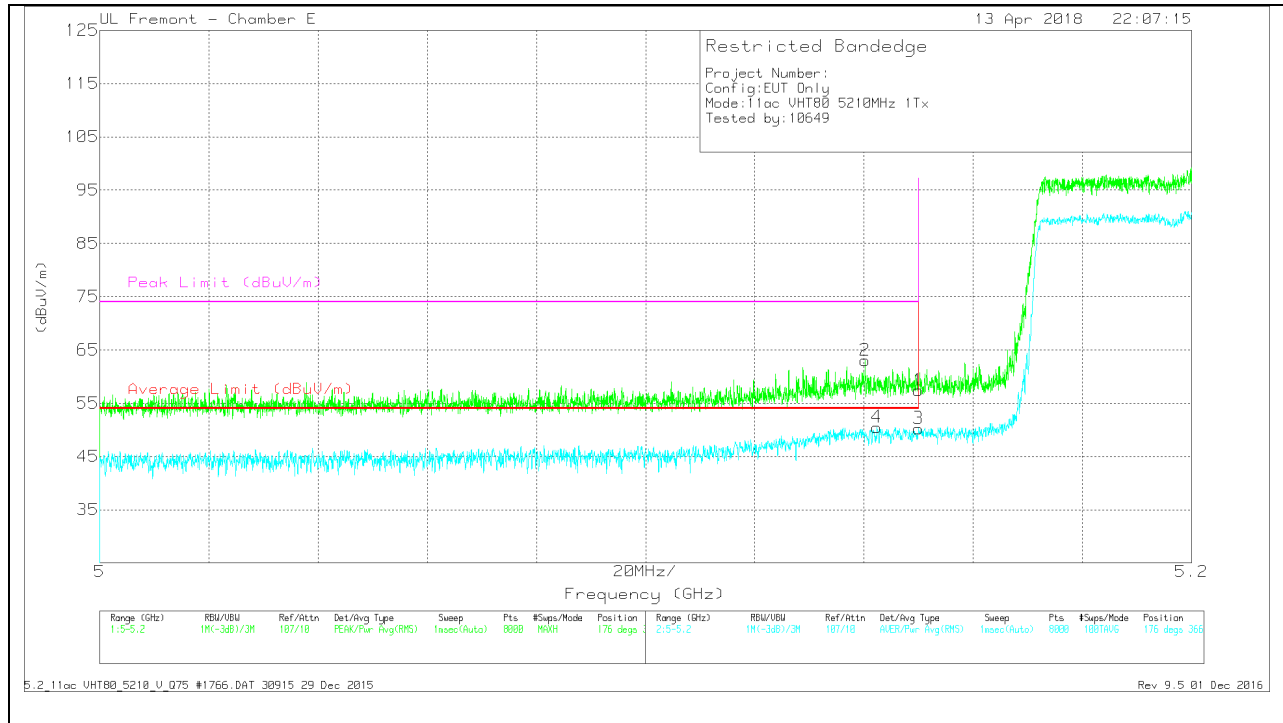
Pk - Peak detector

RMS - RMS detection

5.2_11ac VHT80_5210_H_Q75 #1766.DAT 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.14	48.1	Pk	34.7	-19.8	0	63	-	-	74	-11	176	366	V
4	* 5.142	35.36	RMS	34.7	-19.8	.2	50.46	54	-3.54	-	-	176	366	V
1	* 5.15	42.41	Pk	34.8	-19.8	0	57.41	-	-	74	-16.59	176	366	V
3	* 5.15	35.01	RMS	34.8	-19.8	.2	50.21	54	-3.79	-	-	176	366	V

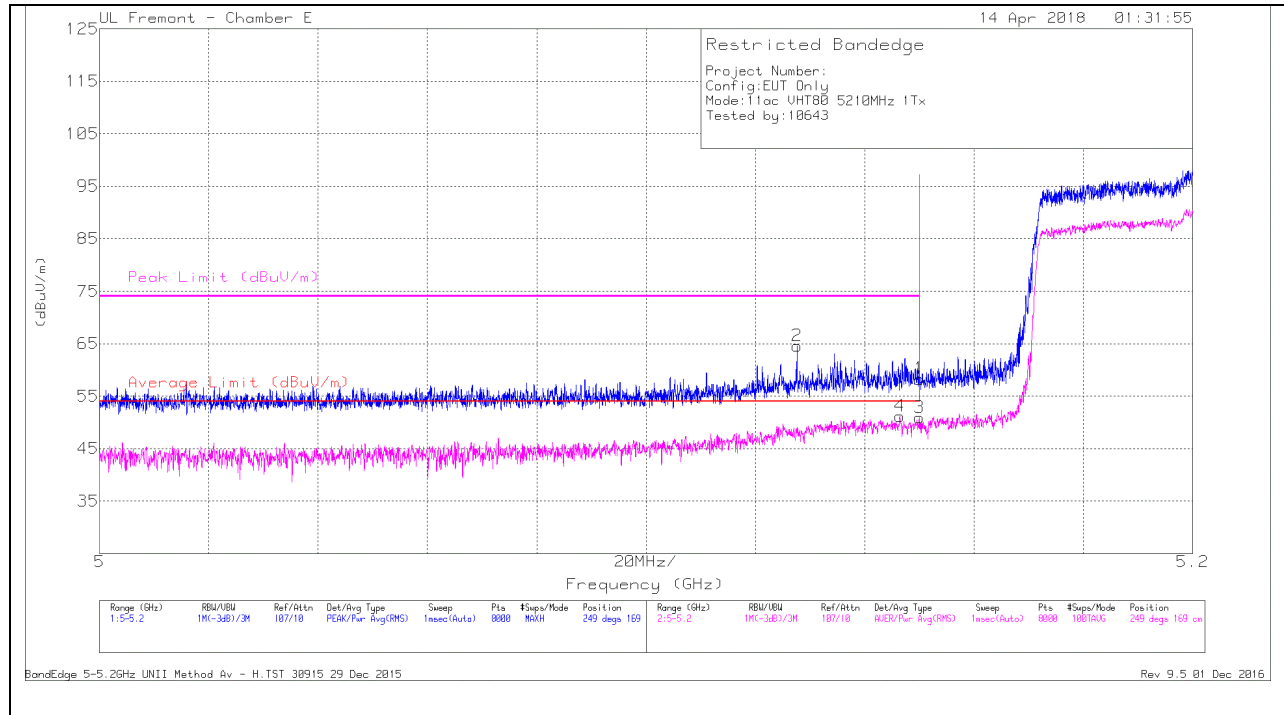
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.2_11ac VHT80_5210_V_Q75 #1766.DAT 30915 29 Dec 2015

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

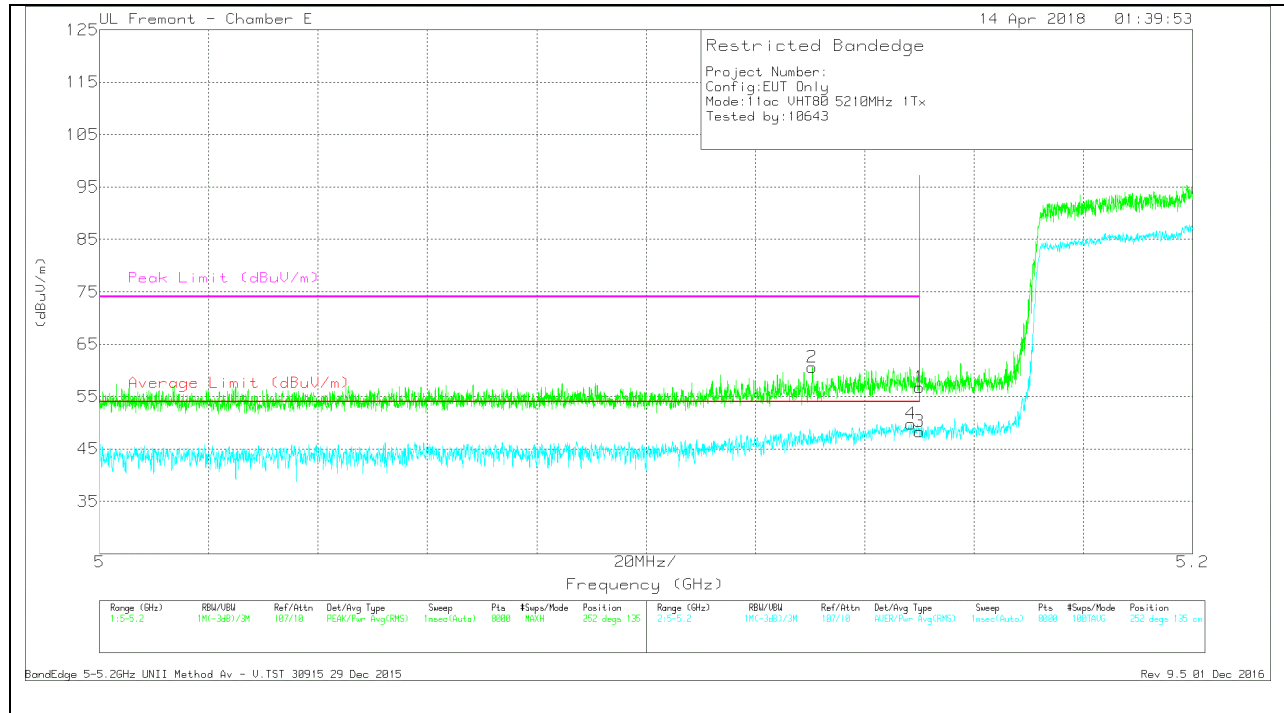
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.3	Pk	34.8	-19.8	0	58.3	-	-	74	-15.7	249	169	H
2	* 5.128	49.77	Pk	34.7	-19.9	0	64.57	-	-	74	-9.43	249	169	H
3	* 5.15	35.87	RMS	34.8	-19.8	.2	51.07	54	-2.93	-	-	249	169	H
4	* 5.146	36.21	RMS	34.7	-19.8	.2	51.31	54	-2.69	-	-	249	169	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.8	Pk	34.8	-19.8	0	56.8	-	-	74	-17.2	252	135	V
2	* 5.13	45.79	Pk	34.7	-19.9	0	60.59	-	-	74	-13.41	252	135	V
3	* 5.15	33.26	RMS	34.8	-19.8	.2	48.46	54	-5.54	-	-	252	135	V
4	* 5.148	34.85	RMS	34.8	-19.8	.2	50.05	54	-3.95	-	-	252	135	V

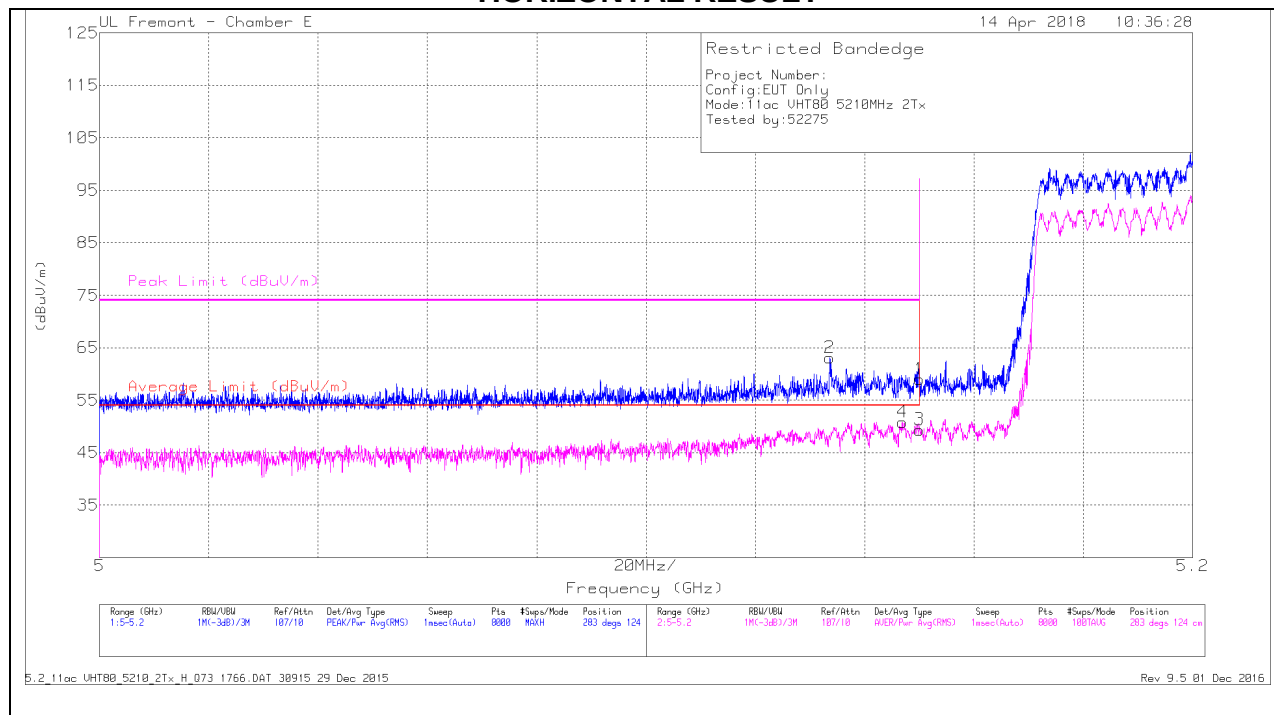
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.2_11ac VHT80_5210_V_Q78 1766.DAT 30915 29 Dec 2015

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.134	48.33	Pk	34.7	-19.9	0	63.13	-	-	74	-10.87	283	124	H
4	* 5.147	35.71	RMS	34.7	-19.8	.2	50.81	54	-3.19	-	-	283	124	H
1	* 5.15	44.01	Pk	34.8	-19.8	0	59.01	-	-	74	-14.99	283	124	H
3	* 5.15	34.16	RMS	34.8	-19.8	.2	49.36	54	-4.64	-	-	283	124	H

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

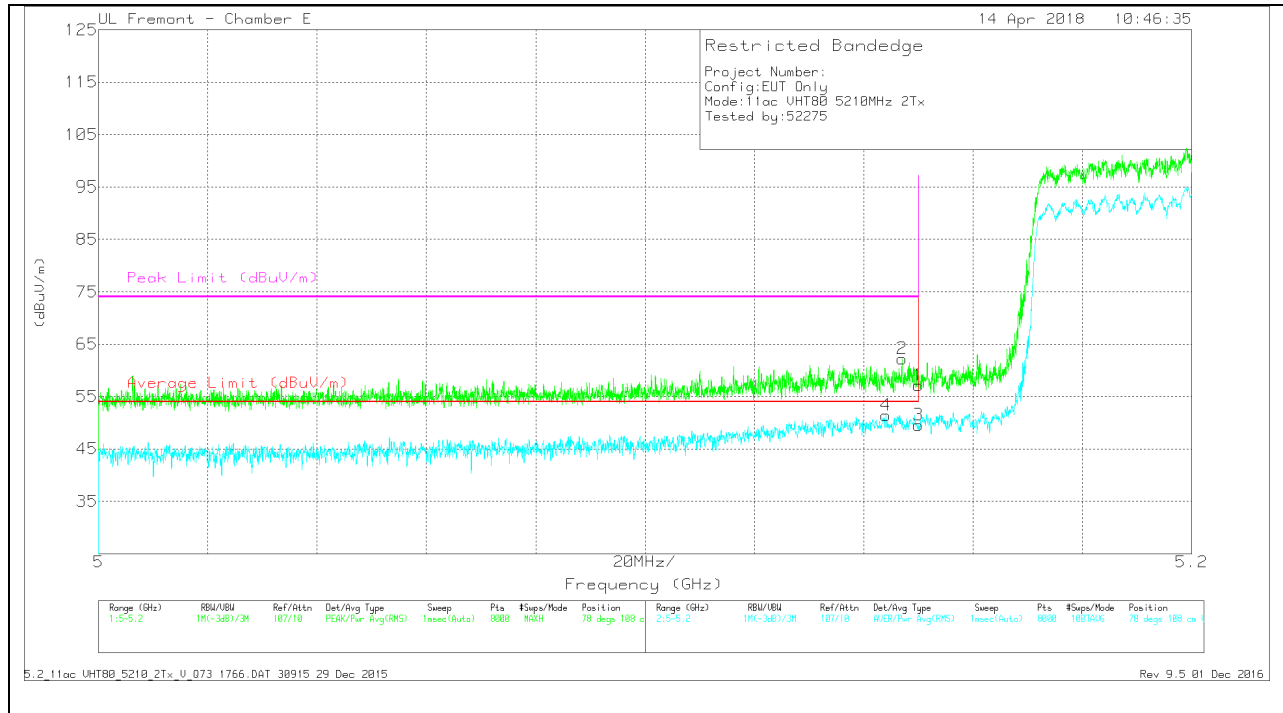
Pk - Peak detector

RMS - RMS detection

5.2_11ac VHT80 5210_2Tx_H_Q73 1766.DAT 30915 29 Dec 2015

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VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.144	36.36	RMS	34.7	-19.8	.2	51.46	54	-2.54	-	-	78	108	V
2	* 5.147	47.31	Pk	34.7	-19.8	0	62.21	-	-	74	-11.79	78	108	V
1	* 5.15	42.12	Pk	34.8	-19.8	0	57.12	-	-	74	-16.88	78	108	V
3	* 5.15	34.36	RMS	34.8	-19.8	.2	49.56	54	-4.44	-	-	78	108	V

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

Pk - Peak detector

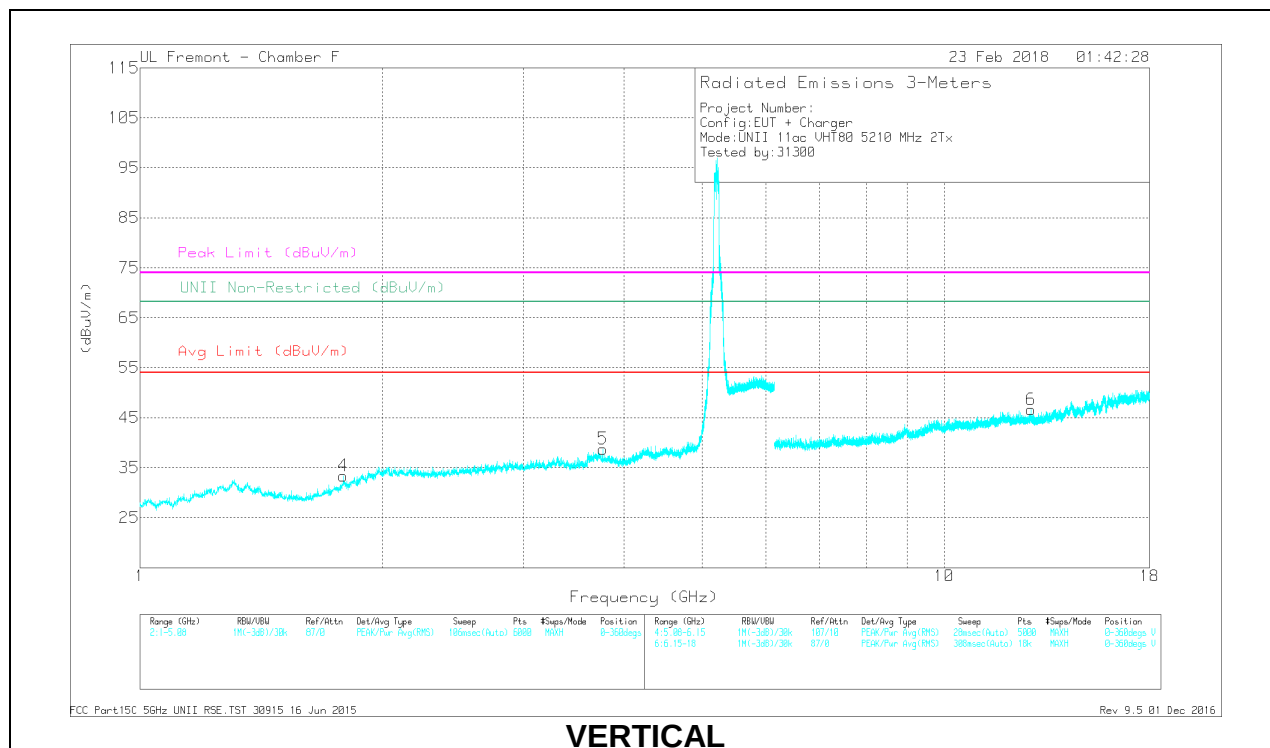
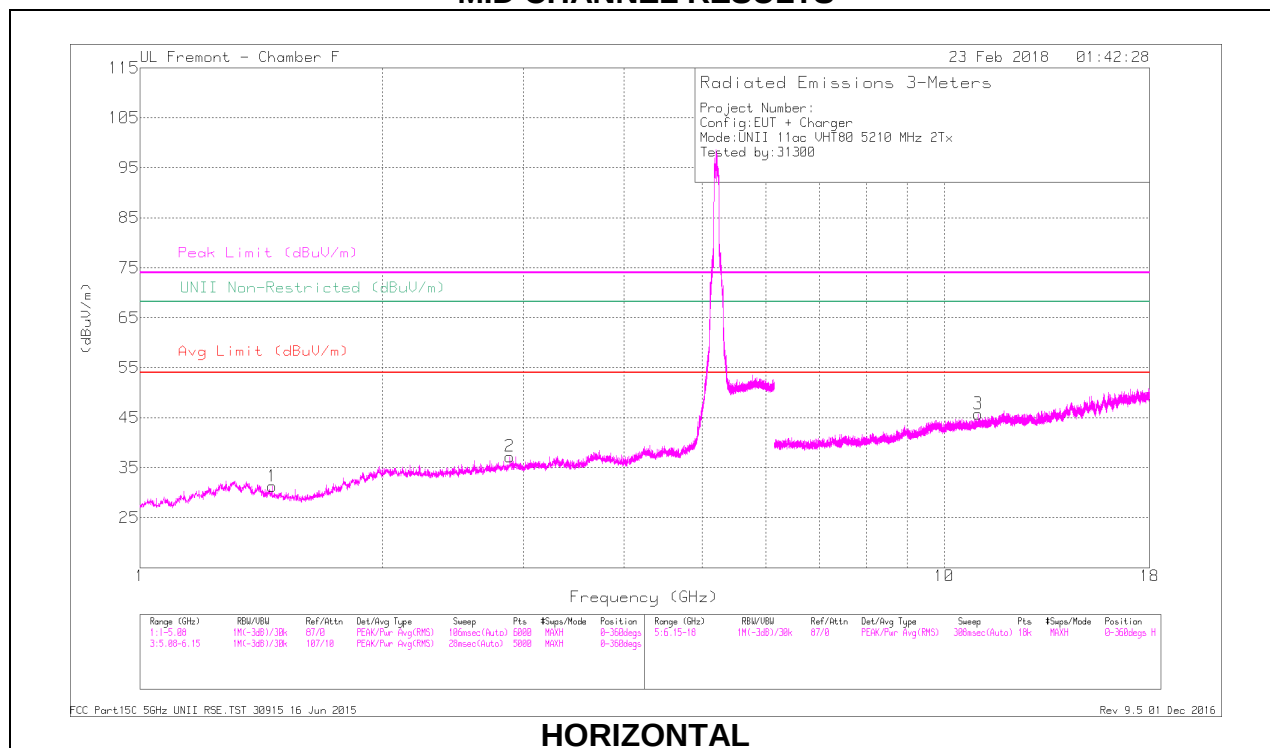
RMS - RMS detection

5.2_11ac VHT80_5210_2Tx_V_Q73 1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarization
1	* 1.461	41.96	PK-U	28.3	-31.5	0	38.76	-	-	74	-35.24	-	-	116	105	H
	* 1.462	28.88	ADR	28.2	-31.5	0.2	25.78	54	-28.22	-	-	-	-	116	105	H
2	* 2.884	39.56	PK-U	32.8	-29	0	43.36	-	-	74	-30.64	-	-	194	267	H
	* 2.882	27.71	ADR	32.8	-29.1	0.2	31.61	54	-22.39	-	-	-	-	194	267	H
4	1.79	41.3	PK-U	29.6	-30.6	0	40.3	-	-	-	-	68.2	-27.9	182	124	V
5	* 3.768	39.99	PK-U	33.3	-29.1	0	44.19	-	-	74	-29.81	-	-	351	126	V
	* 3.765	27.53	ADR	33.3	-29.1	0.2	31.93	54	-22.07	-	-	-	-	351	126	V
3	* 11.014	34.93	PK-U	38.1	-21.6	0	51.43	-	-	74	-22.57	-	-	303	251	H
	* 11.012	23.41	ADR	38.1	-21.6	0.2	40.11	54	-13.89	-	-	-	-	303	251	H
6	12.815	35.93	PK-U	39.2	-22.6	0	52.53	-	-	-	-	68.2	-15.67	132	368	V

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

PK-U - U-NII: Maximum Peak

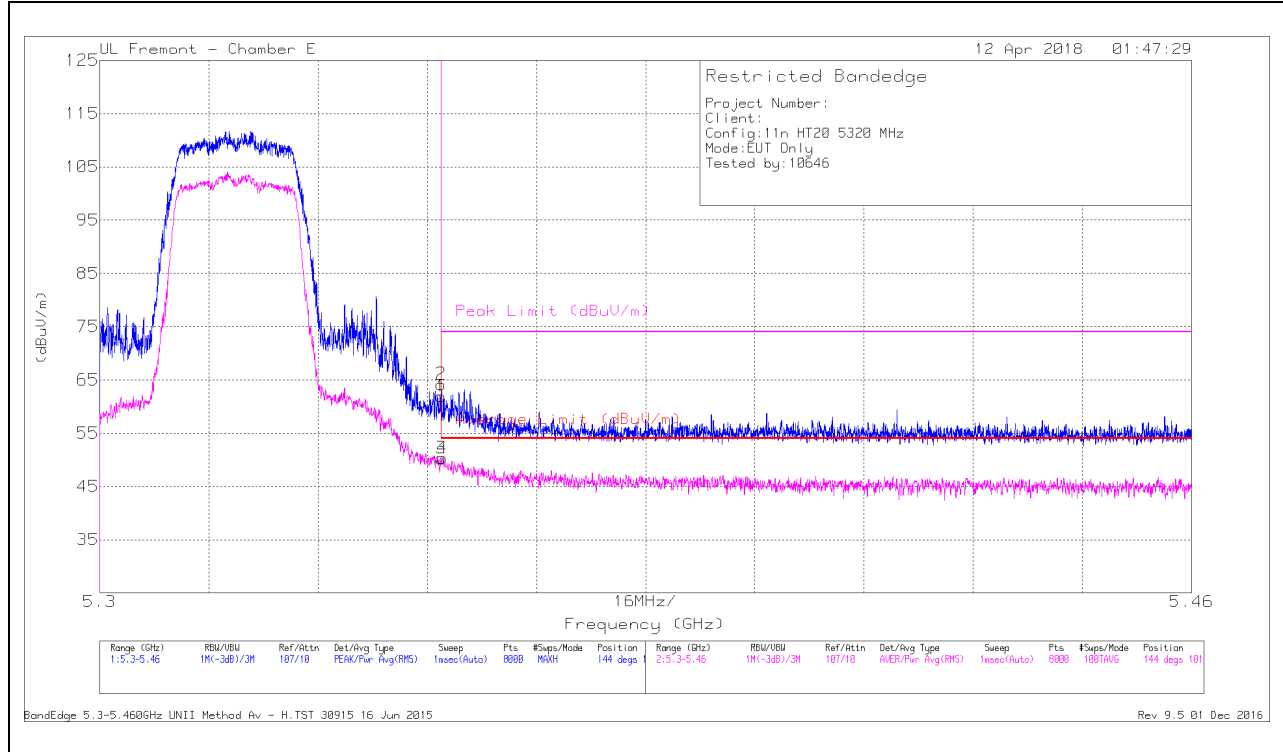
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



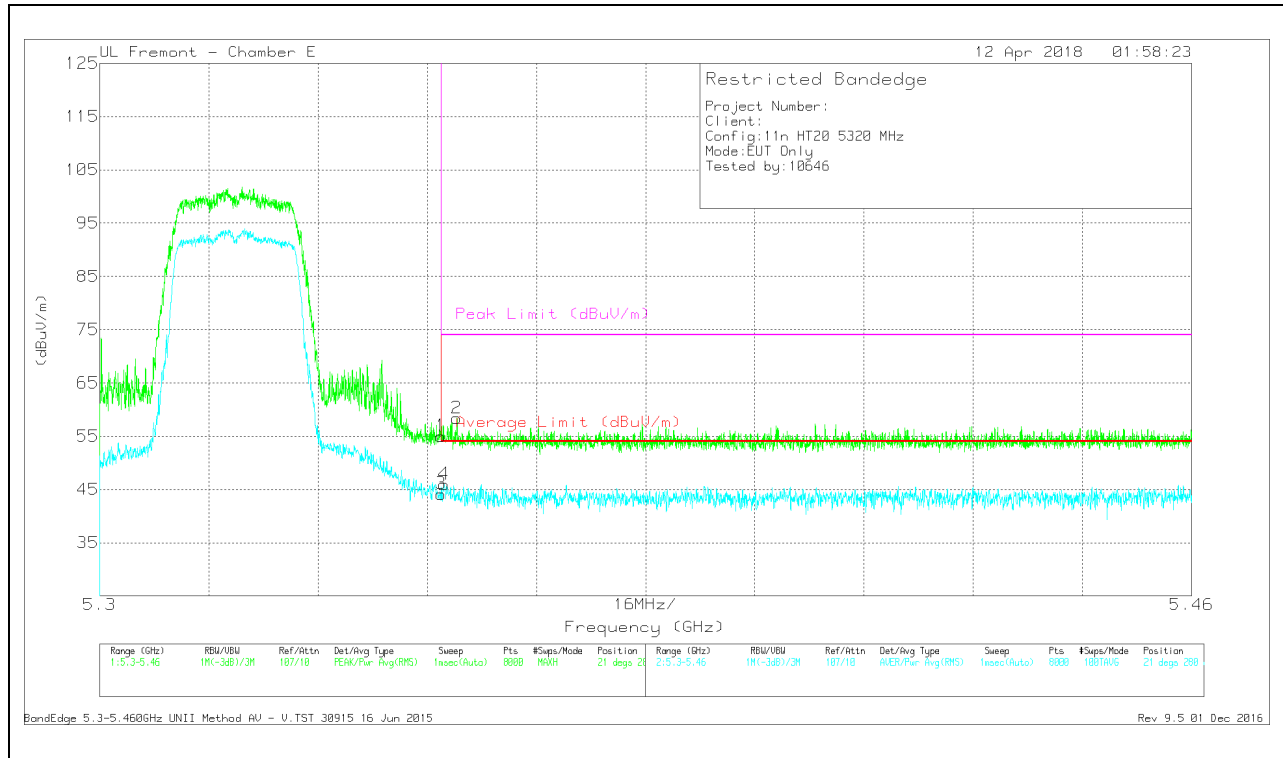
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.83	Pk	35	-19.9	61.93	-	-	74	-12.07	144	101	H
2	* 5.35	49.07	Pk	35	-19.9	64.17	-	-	74	-9.83	144	101	H
3	* 5.35	35.19	RMS	35	-19.9	50.29	54	-3.71	-	-	144	101	H
4	* 5.35	35.2	RMS	35	-19.9	50.3	54	-3.7	-	-	144	101	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

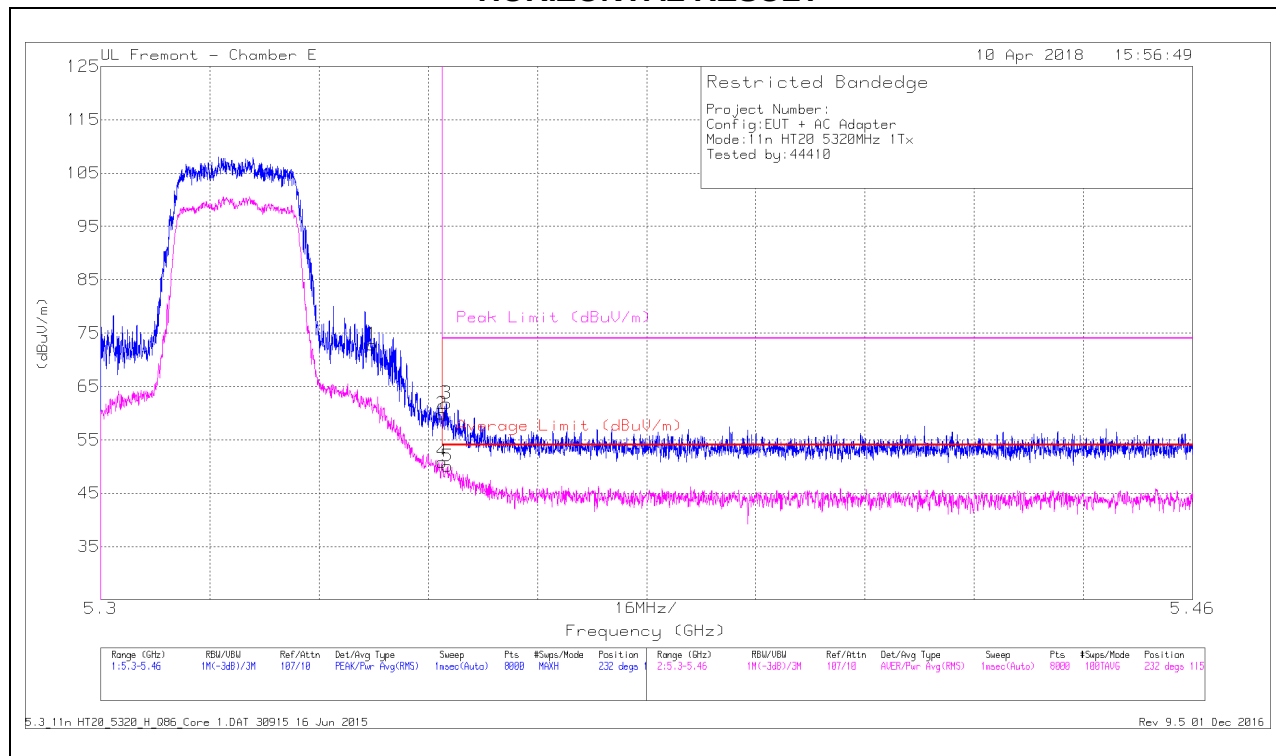


Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.9	Pk	35	-19.9	55	-	-	74	-19	21	280	V
3	* 5.35	29.05	RMS	35	-19.9	44.15	54	-9.85	-	-	21	280	V
4	* 5.35	30.86	RMS	35	-19.9	45.96	54	-8.04	-	-	21	280	V
2	* 5.352	43.29	Pk	35	-19.9	58.39	-	-	74	-15.61	21	280	V

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

Pk - Peak detector

RMS - RMS detection

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

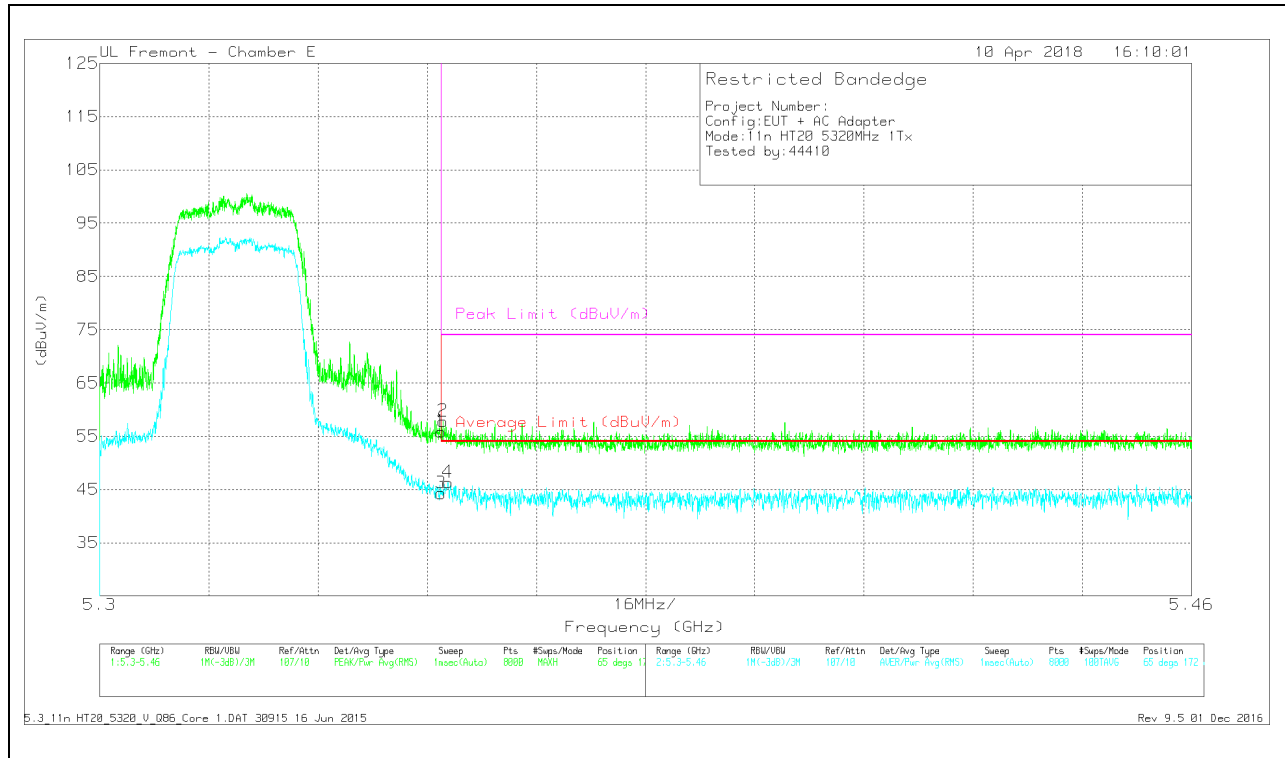
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.35	44.77	Pk	35	-19.9	59.87	-	-	74	-14.13	232	115	H
3	* 5.351	46.74	Pk	35	-19.9	61.84	-	-	74	-12.16	232	115	H
4	* 5.35	35.78	RMS	35	-19.9	50.88	54	-3.12	-	-	232	115	H
5	* 5.351	34.99	RMS	35	-19.9	50.09	54	-3.91	-	-	232	115	H
1	5.34	57.73	Pk	35	-19.9	72.83	-	-	-	-	232	115	H

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

Pk - Peak detector

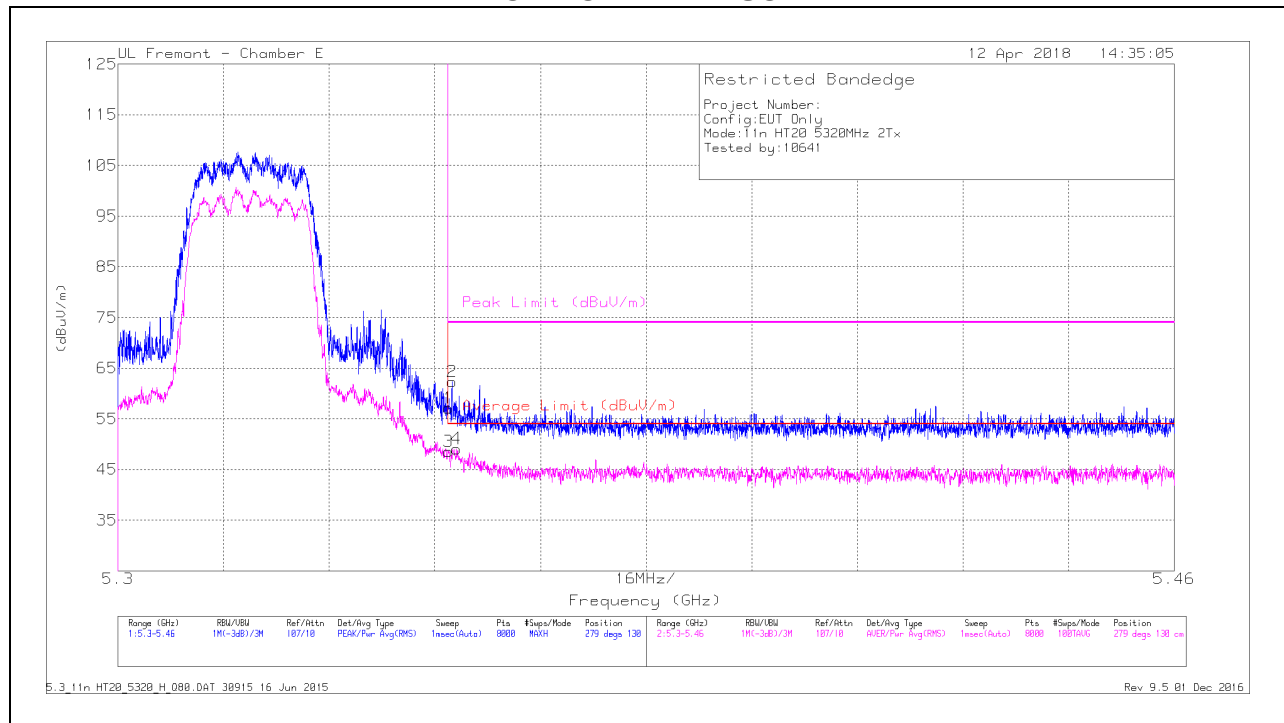
RMS - RMS detection

VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.77	Pk	35	-19.9	55.87	-	-	74	-18.13	65	172	V
2	* 5.35	42.72	Pk	35	-19.9	57.82	-	-	74	-16.18	65	172	V
3	* 5.35	29.19	RMS	35	-19.9	44.29	54	-9.71	-	-	65	172	V
4	* 5.351	31.22	RMS	35	-19.9	46.32	54	-7.68	-	-	65	172	V

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

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

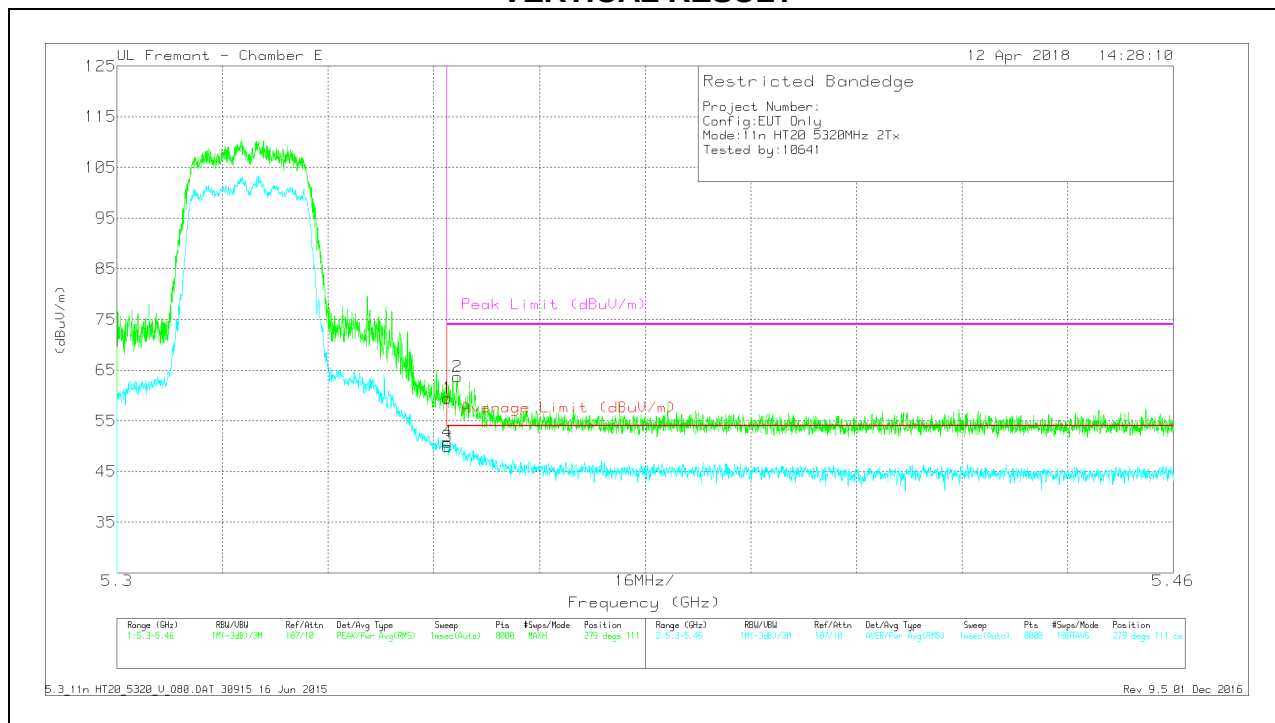
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.05	Pk	35	-19.9	57.15	-	-	74	-16.85	279	130	H
2	* 5.351	47.18	Pk	35	-19.9	62.28	-	-	74	-11.72	279	130	H
3	* 5.35	33.46	RMS	35	-19.9	48.56	54	-5.44	-	-	279	130	H
4	* 5.351	34.01	RMS	35	-19.9	49.11	54	-4.89	-	-	279	130	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Fltr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.42	Pk	35	-19.9	59.52	-	-	74	-14.48	279	111	V
2	* 5.352	48.58	Pk	35	-19.9	63.68	-	-	74	-10.32	279	111	V
3	* 5.35	34.86	RMS	35	-19.9	49.96	54	-4.04	-	-	279	111	V
4	* 5.35	35.73	RMS	35	-19.9	50.83	54	-3.17	-	-	279	111	V

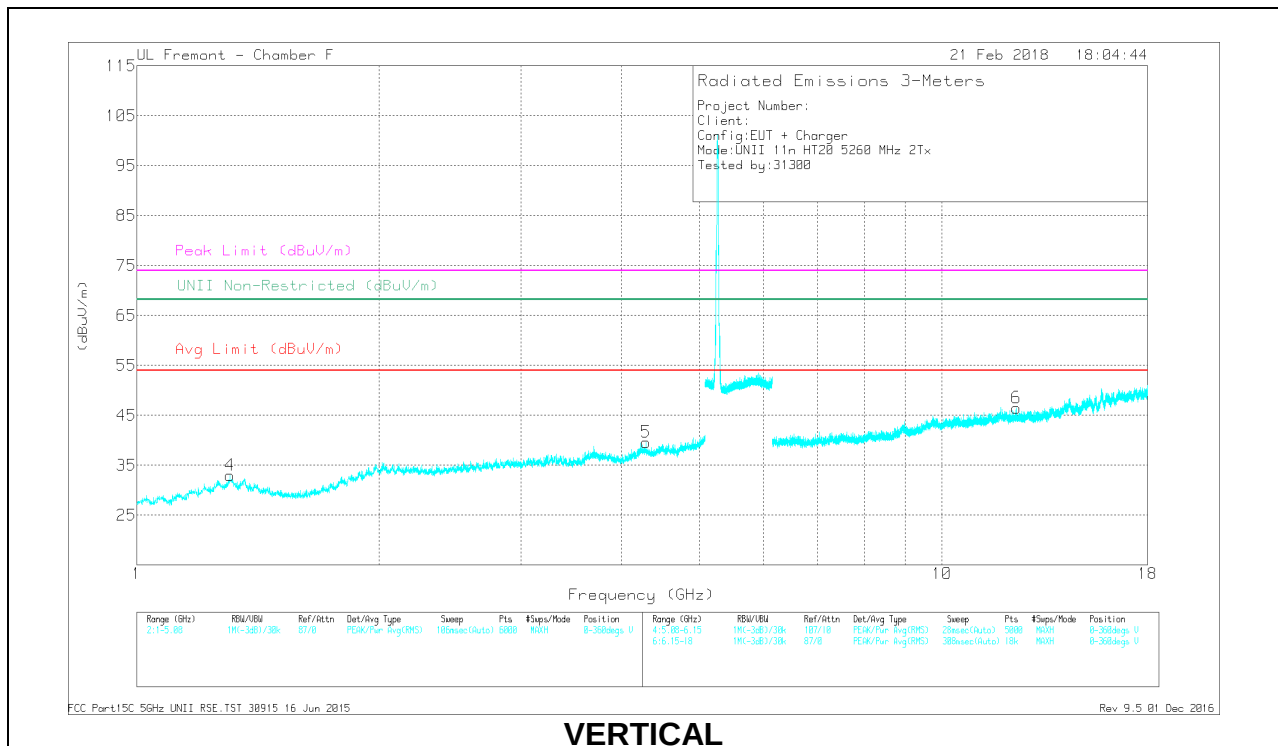
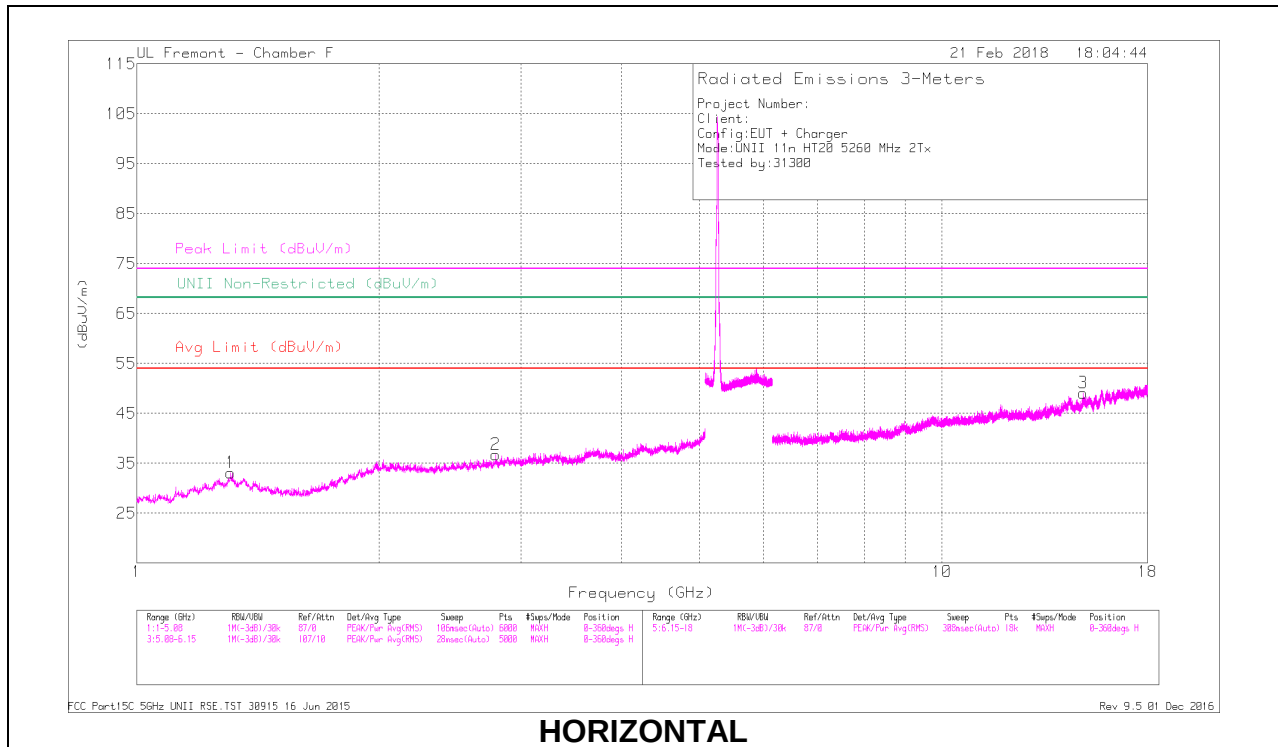
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

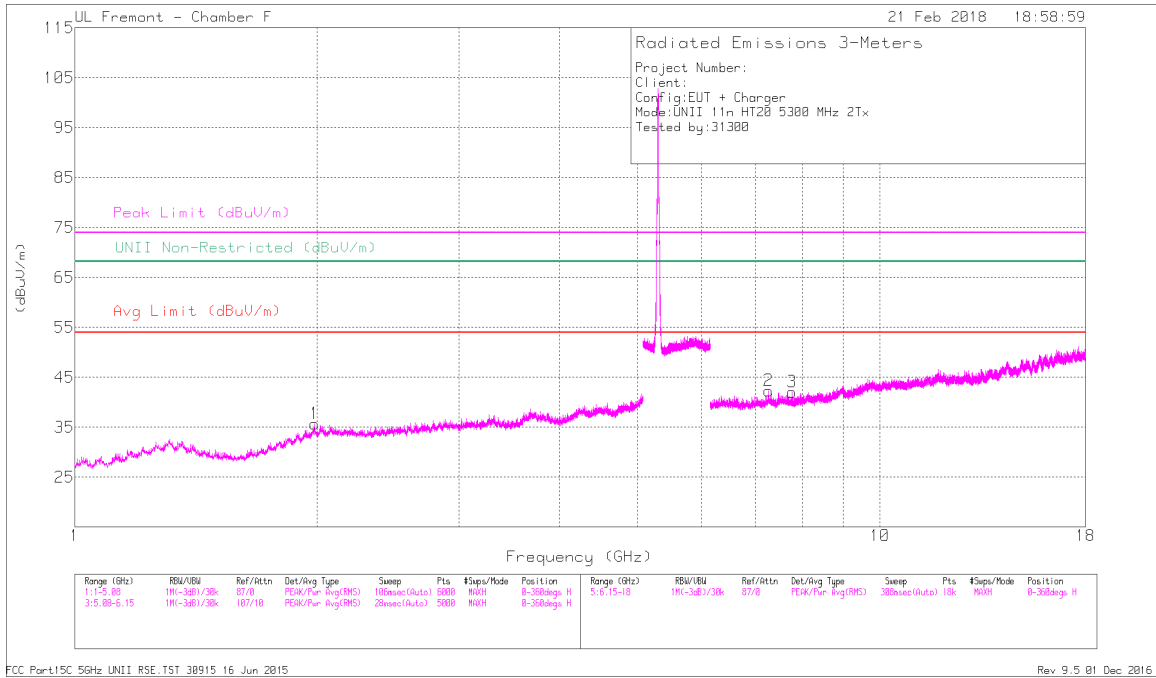
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.306	41.11	PK-U	30.1	-31.2	40.01	-	-	74	-33.99	-	-	275	128	H
	* 1.307	29.25	ADR	30	-31.2	28.05	54	-25.95	-	-	-	-	275	128	H
2	* 2.79	39.82	PK-U	32.7	-29.7	42.82	-	-	74	-31.18	-	-	360	398	H
	* 2.79	28.28	ADR	32.7	-29.7	31.28	54	-22.72	-	-	-	-	360	398	H
4	* 1.308	40.99	PK-U	30	-31.2	39.79	-	-	74	-34.21	-	-	60	260	V
	* 1.308	29.23	ADR	30	-31.2	28.03	54	-25.97	-	-	-	-	60	260	V
5	* 4.293	38.11	PK-U	33.7	-27	44.81	-	-	74	-29.19	-	-	188	133	V
	* 4.292	26.55	ADR	33.7	-27	33.25	54	-20.75	-	-	-	-	188	133	V
3	14.971	36.65	PK-U	41	-22.7	54.95	-	-	-	-	68.2	-13.25	74	343	H
6	* 12.375	36.32	PK-U	38.7	-21.9	53.12	-	-	74	-20.88	-	-	312	101	V
	* 12.38	24.06	ADR	38.7	-22	40.76	54	-13.24	-	-	-	-	312	101	V

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

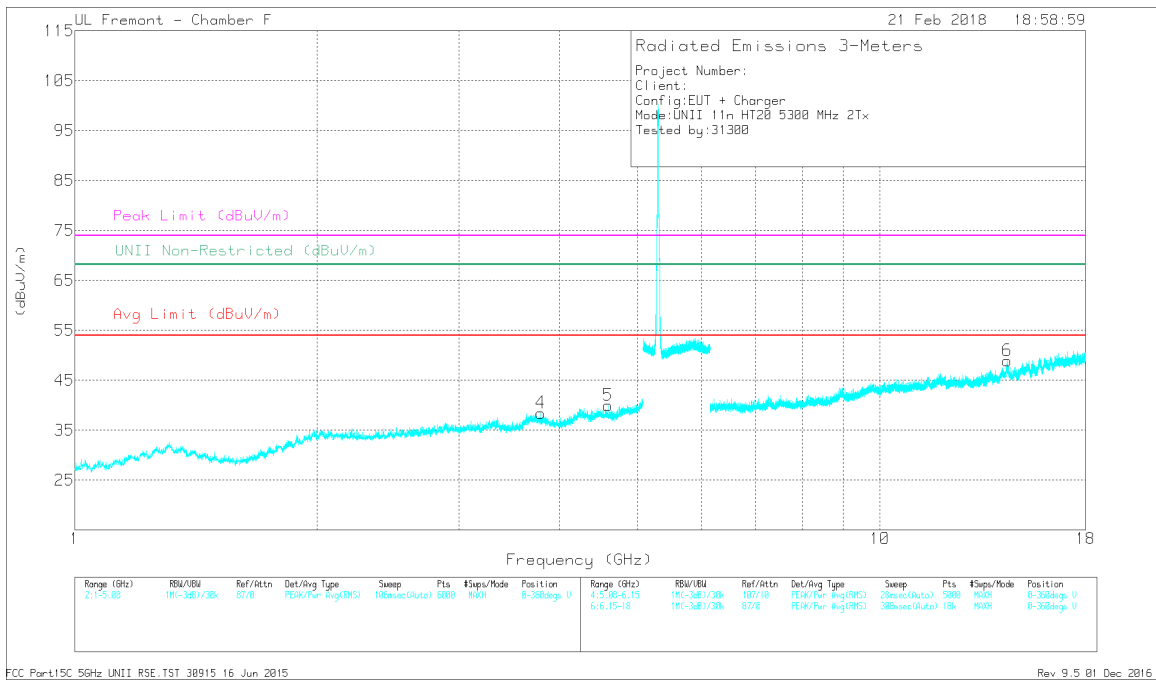
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

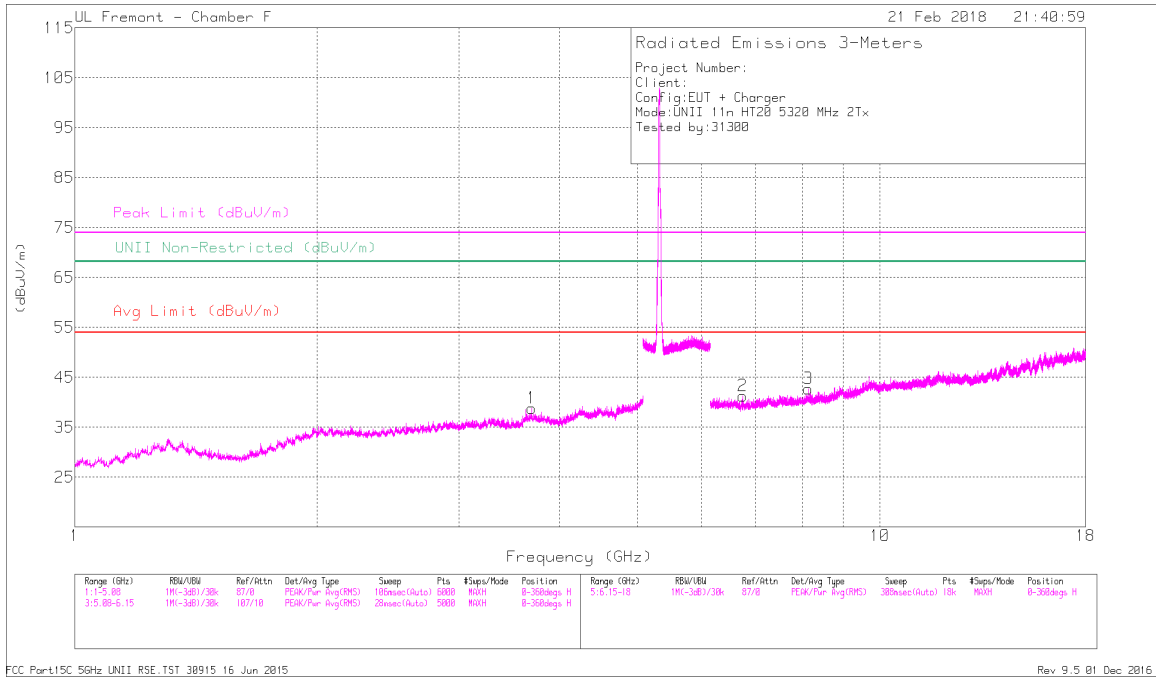
Marker	Frequency (GHz)	Measuring Reading (dBu V)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBu V/m)	Avg Limit (dBu V/m)	Margin (dB)	Peak Limit (dBu V/m)	PK Margin (dB)	UNII Non-Restricted (dBu V/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.983	41.3	PK-U	32.1	-30.5	42.9	-	-	-	-	68.2	-25.3	228	388	H
4	* 3.786	39.78	PK-U	33.3	-29.1	43.98	-	-	74	-30.02	-	-	98	283	V
	* 3.786	27.99	ADR	33.3	-29.1	32.19	54	-21.81	-	-	-	-	98	283	V
5	* 4.594	39.35	PK-U	34.1	-27.6	45.85	-	-	74	-28.15	-	-	20	140	V
	* 4.587	27.49	ADR	34.1	-27.8	33.79	54	-20.21	-	-	-	-	20	140	V
2	* 7.266	37.41	PK-U	35.9	-24.6	48.71	-	-	74	-25.29	-	-	189	111	H
	* 7.268	25.46	ADR	35.9	-24.6	36.76	54	-17.24	-	-	-	-	189	111	H
3	7.783	37.09	PK-U	35.9	-25.2	47.79	-	-	-	-	68.2	-20.41	15	342	H
6	14.387	36.54	PK-U	40.7	-22.7	54.54	-	-	-	-	68.2	-13.66	122	328	V

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

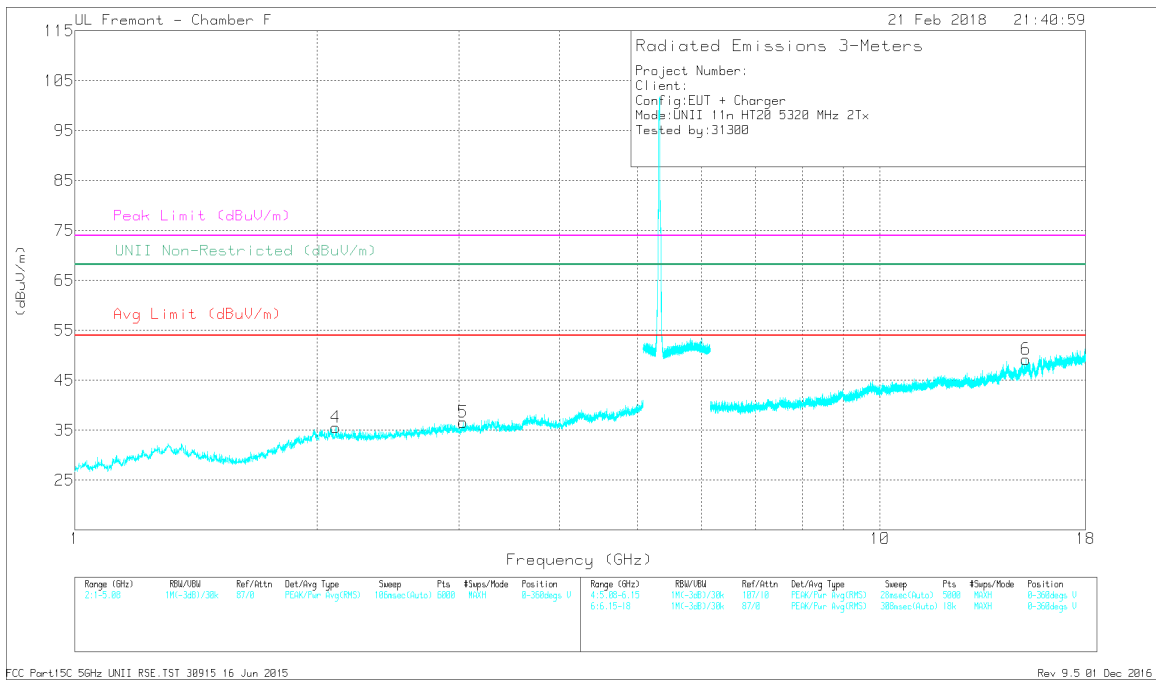
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.696	39.17	PK-U	33.3	-28.6	43.87	-	-	74	-30.13	-	-	53	296	H
	* 3.696	27.34	ADR	33.3	-28.6	32.04	54	-21.96	-	-	-	-	53	296	H
4	2.112	40.47	PK-U	32.2	-30.6	42.07	-	-	-	-	68.2	-26.13	16	112	V
5	3.04	40.34	PK-U	32.9	-29.6	43.64	-	-	-	-	68.2	-24.56	204	160	V
2	6.747	37.09	PK-U	35.7	-26.2	46.59	-	-	-	-	68.2	-21.61	33	296	H
3	* 8.148	36.29	PK-U	36.1	-23.7	48.69	-	-	74	-25.31	-	-	331	315	H
	* 8.143	24.56	ADR	36.1	-23.7	36.96	54	-17.04	-	-	-	-	331	315	H
6	15.185	37.51	PK-U	41	-22.9	55.61	-	-	-	-	68.2	-12.59	338	339	V

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

PK-U - U-NII: Maximum Peak

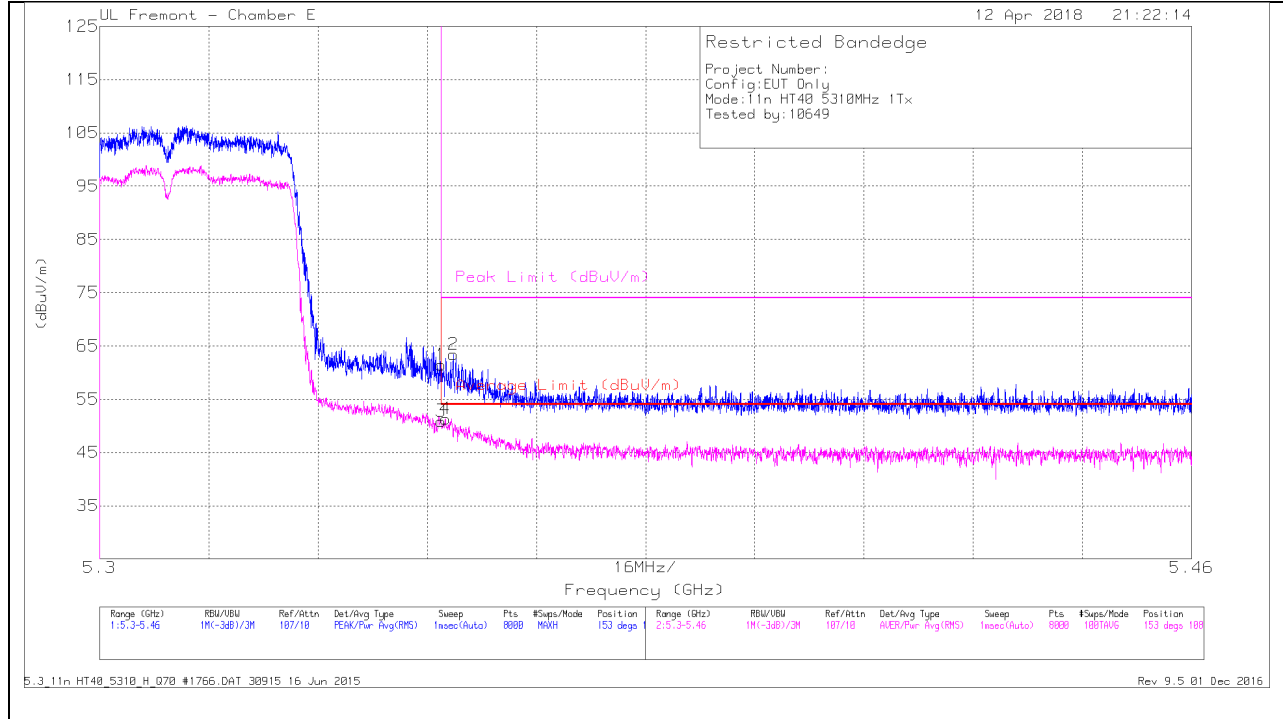
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 Mode

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.33	Pk	35	-19.9	0	61.43	-	-	74	-12.57	153	108	H
3	* 5.35	35.74	RMS	35	-19.9	.09	50.93	54	-3.07	-	-	153	108	H
4	* 5.351	36.18	RMS	35	-19.9	.09	51.37	54	-2.63	-	-	153	108	H
2	* 5.352	48.3	Pk	35	-19.9	0	63.4	-	-	74	-10.6	153	108	H

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

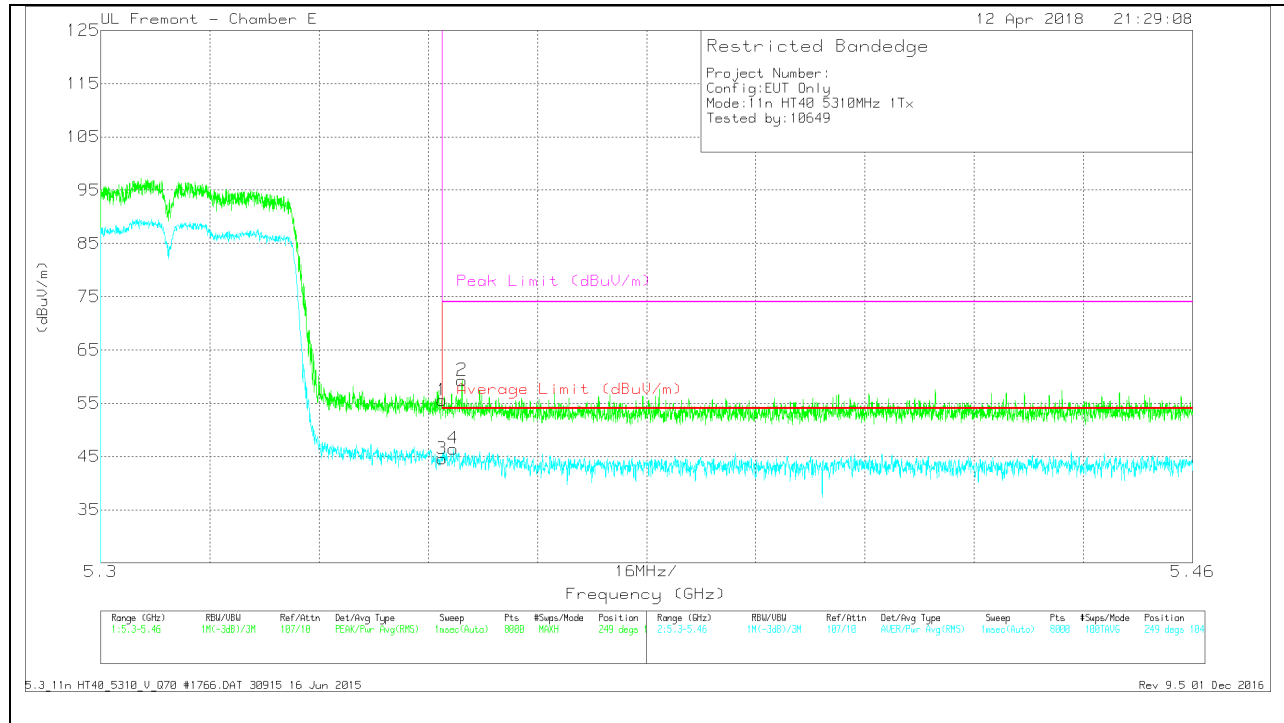
Pk - Peak detector

RMS - RMS detection

5.3_11n HT40_5310_H_Q70 #1766.DAT 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	40.49	Pk	35	-19.9	0	55.59	-	-	74	-18.41	249	104	V
2	* 5.353	44.19	Pk	35	-19.9	0	59.29	-	-	74	-14.71	249	104	V
3	* 5.35	29.46	RMS	35	-19.9	.09	44.65	54	-9.35	-	-	249	104	V
4	* 5.352	31.37	RMS	35	-19.9	.09	46.56	54	-7.44	-	-	249	104	V

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

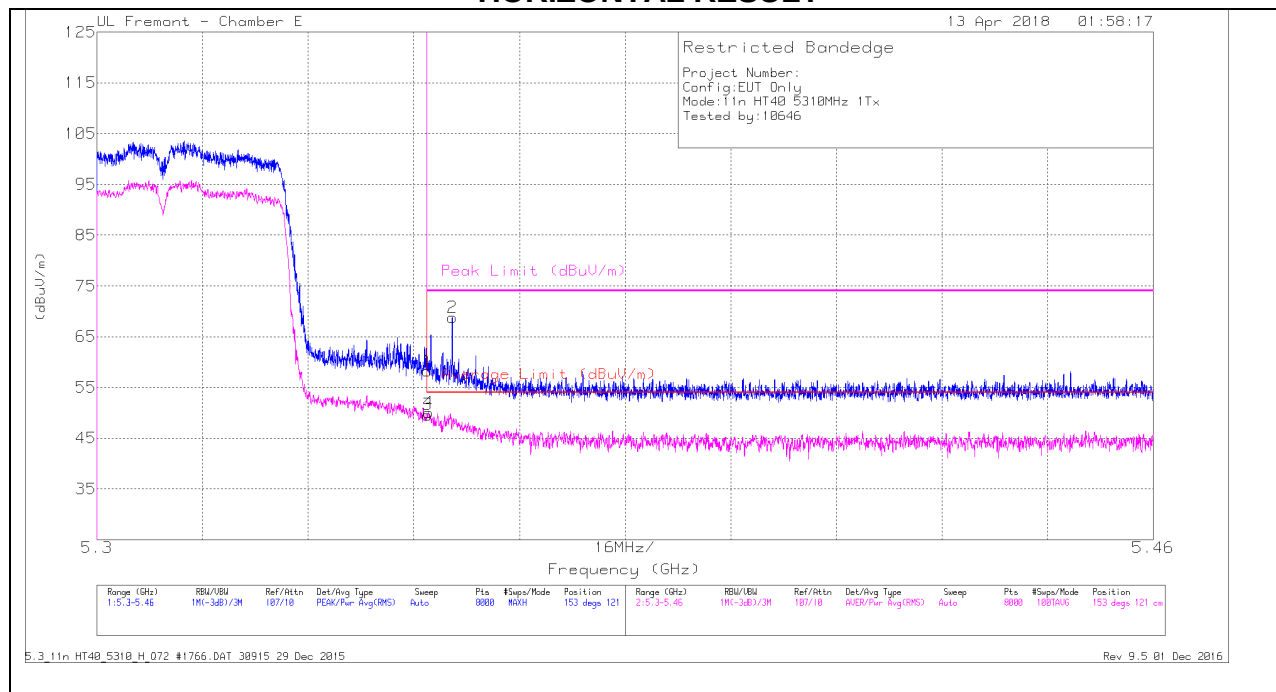
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 Mode

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.19	Pk	35	-19.9	0	58.29	-	-	74	-15.71	153	121	H
2	* 5.354	53.69	Pk	35	-19.9	0	68.79	-	-	74	-5.21	153	121	H
3	* 5.35	34.51	RMS	35	-19.9	.09	49.7	54	-4.3	-	-	153	121	H
4	* 5.35	35	RMS	35	-19.9	.09	50.19	54	-3.81	-	-	153	121	H

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

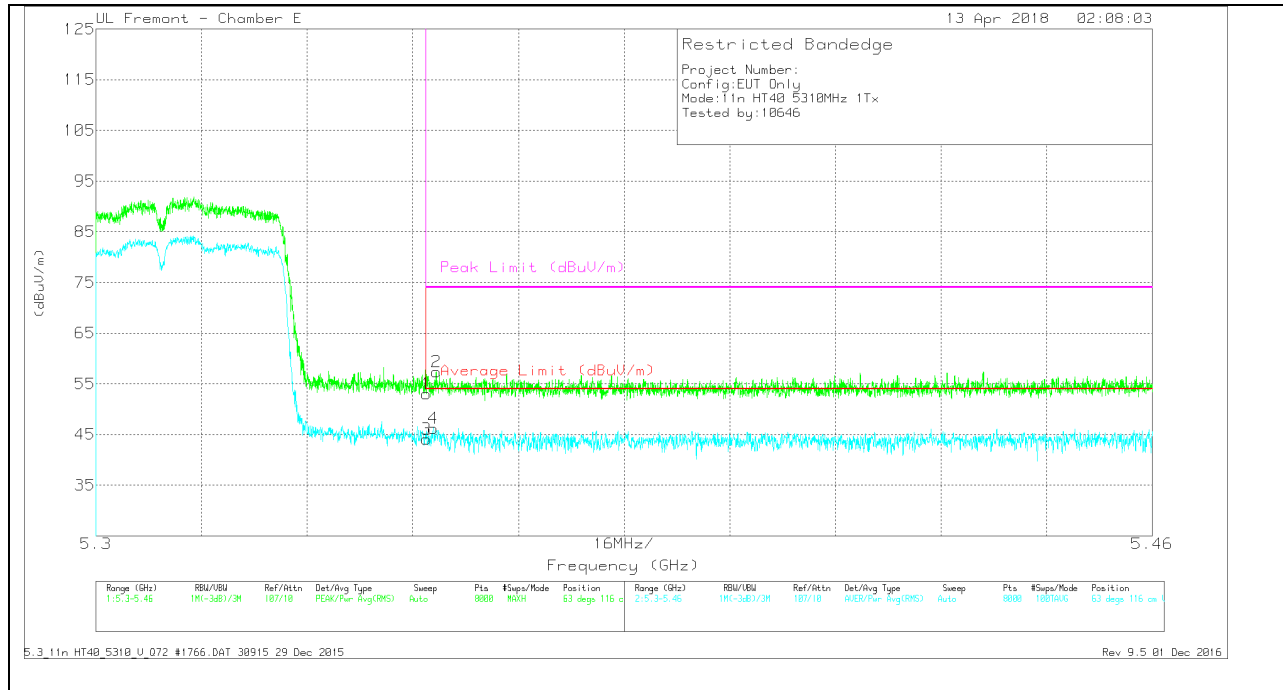
Pk - Peak detector

RMS - RMS detection

5.3_11n HT40_5310_H_Q72 #1766.DAT 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	37.93	Pk	35	-19.9	0	53.03	-	-	74	-20.97	63	116	V
2	* 5.352	42.32	Pk	35	-19.9	0	57.42	-	-	74	-16.58	63	116	V
3	* 5.35	29.04	RMS	35	-19.9	.09	44.23	54	-9.77	-	-	63	116	V
4	* 5.351	31.14	RMS	35	-19.9	.09	46.33	54	-7.67	-	-	63	116	V

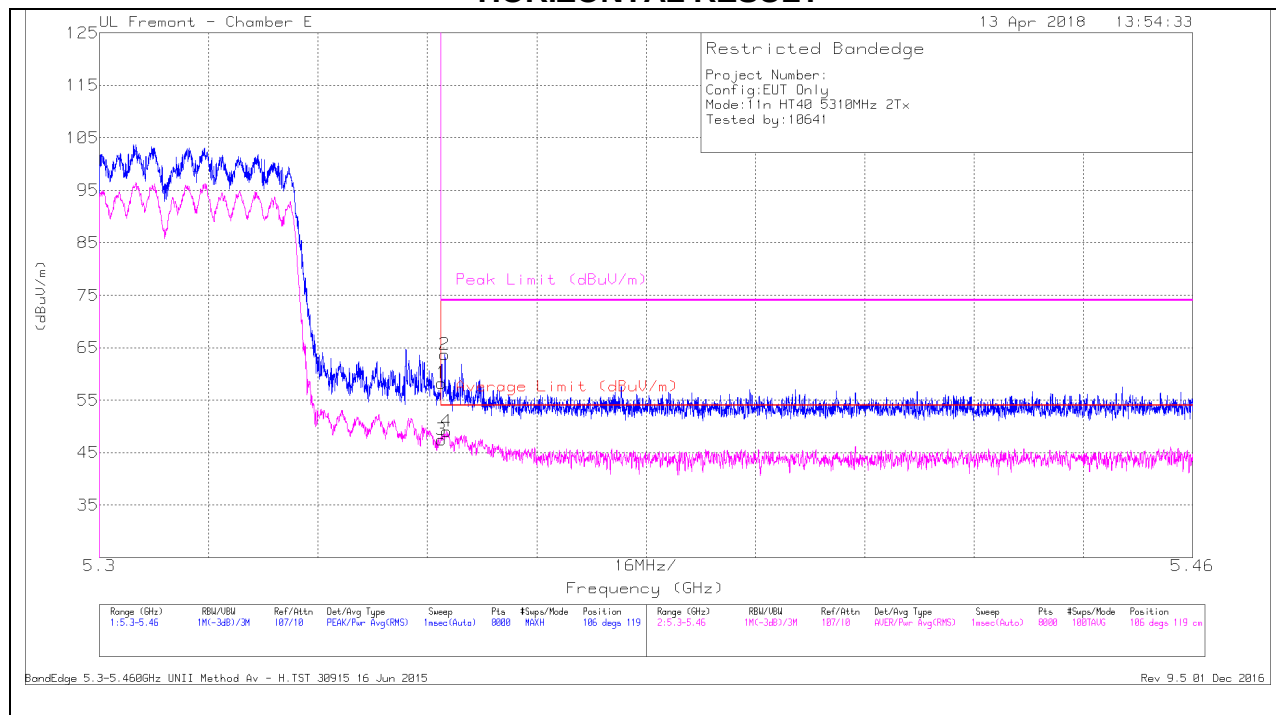
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

5.3_11n HT40_5310_V_Q72 #1766.DAT 30915 29 Dec 2015

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.16	Pk	35	-19.9	0	58.26	-	-	74	-15.74	106	119	H
3	* 5.35	32.29	RMS	35	-19.9	.09	47.48	54	-6.52	-	-	106	119	H
2	* 5.351	48.62	Pk	35	-19.9	0	63.72	-	-	74	-10.28	106	119	H
4	* 5.351	33.91	RMS	35	-19.9	.09	49.1	54	-4.9	-	-	106	119	H

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

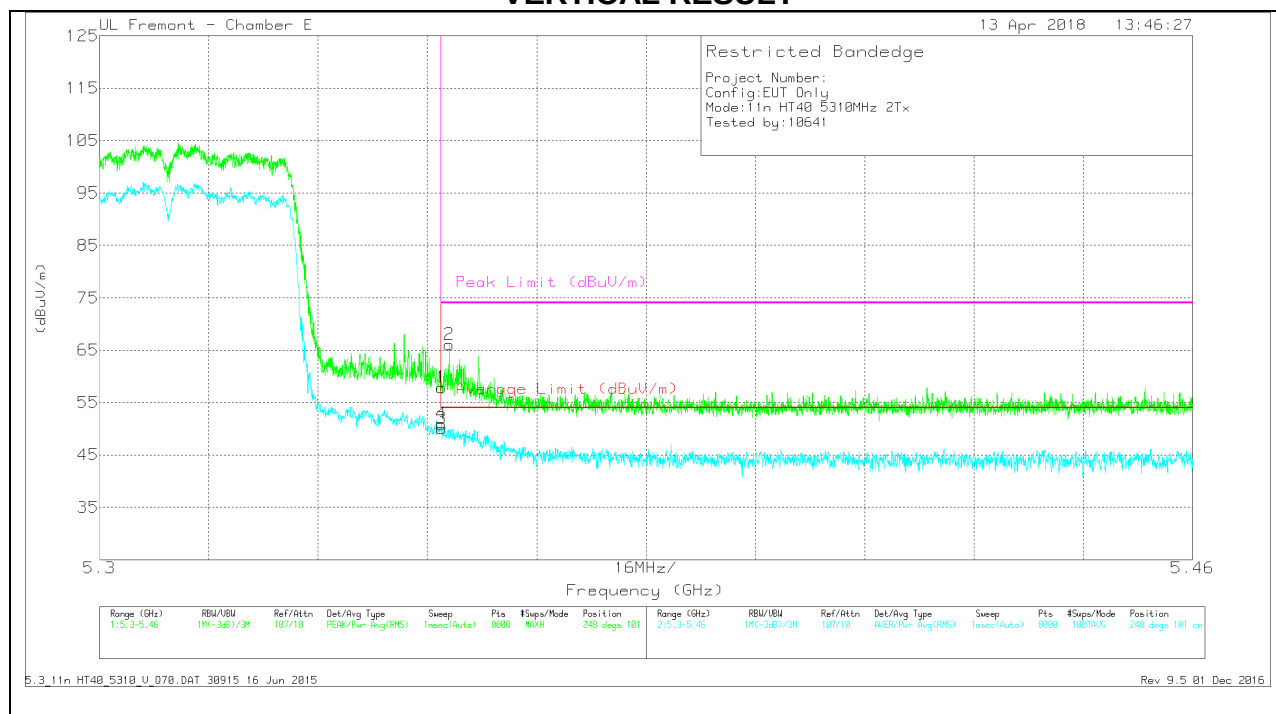
Pk - Peak detector

RMS - RMS detection

BandEdge 5.3-5.460GHz UNII Method Av - H.TST 30915 16 Jun 2015

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.79	Pk	35	-19.9	0	57.89	-	-	74	-16.11	248	101	V
3	* 5.35	34.89	RMS	35	-19.9	.09	50.08	54	-3.92	-	-	248	101	V
4	* 5.35	35.67	RMS	35	-19.9	.09	50.86	54	-3.14	-	-	248	101	V
2	* 5.351	50.96	Pk	35	-19.9	0	66.06	-	-	74	-7.94	248	101	V

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

Pk - Peak detector

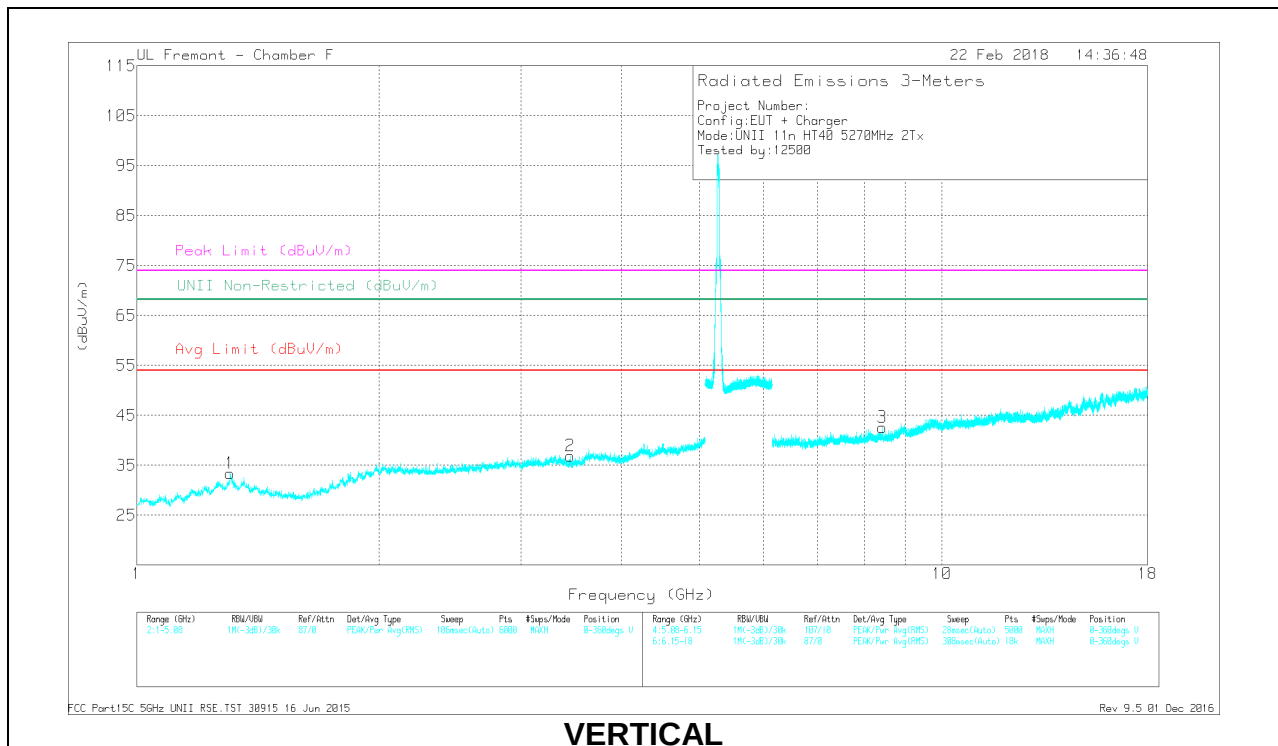
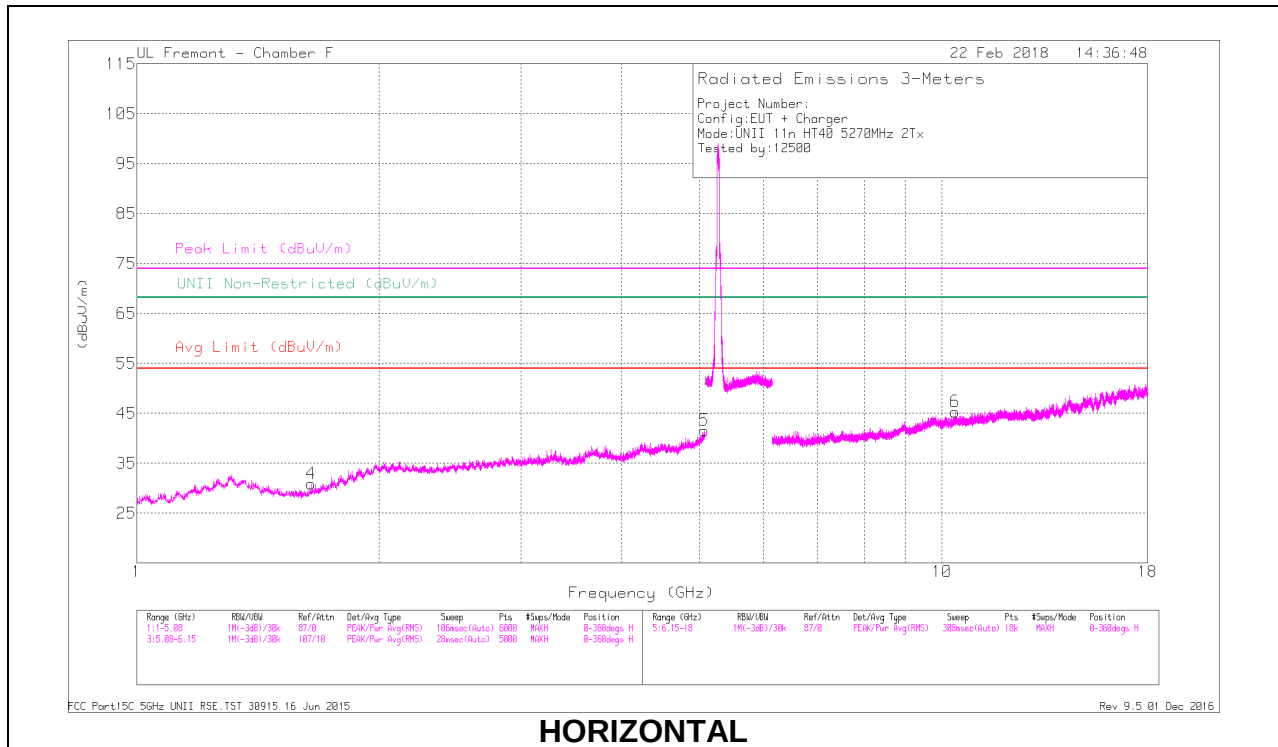
RMS - RMS detection

5.3_11n HT40_5310_V_Q70.DAT 30915 16 Jun 2015

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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

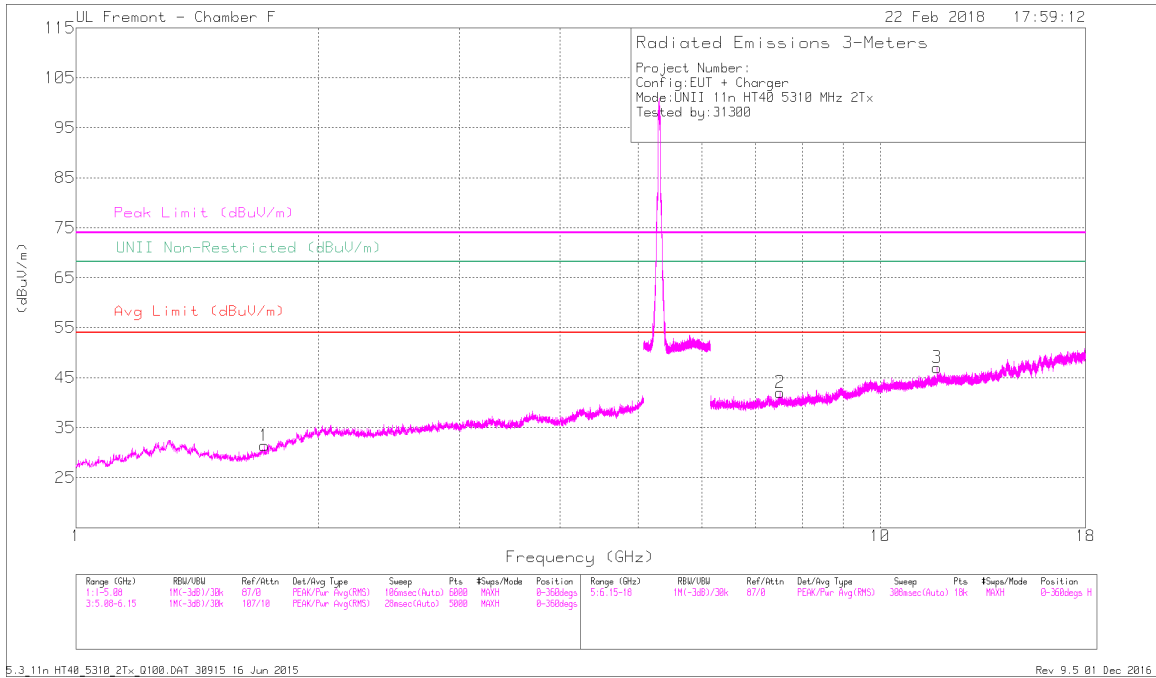
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.647	40.43	PK-U	27.8	-31.2	0	37.03	-	-	-	-	68.2	-31.17	230	306	H
	1.647	28.74	ADR	27.8	-31.2	.09	25.43	-	-	-	-	-	-	230	306	H
5	* 5.068	40.34	PK-U	34.3	-25.8	0	48.84	-	-	74	-25.16	-	-	96	200	H
	* 5.069	28.24	ADR	34.3	-25.7	.09	36.93	54	-17.07	-	-	-	-	96	200	H
1	* 1.307	41.17	PK-U	30.1	-31.2	0	40.07	-	-	74	-33.93	-	-	11	226	V
	* 1.307	29.1	ADR	30	-31.2	.09	27.99	54	-26.01	-	-	-	-	11	226	V
2	3.453	39.94	PK-U	33	-29.2	0	43.74	-	-	-	-	68.2	-24.46	237	338	V
6	10.377	34.91	PK-U	37.7	-21	0	51.61	-	-	-	-	68.2	-16.59	44	255	H
3	* 8.44	36.57	PK-U	35.9	-23.7	0	48.77	-	-	74	-25.23	-	-	110	261	V
	* 8.441	24.55	ADR	35.9	-23.7	.09	36.84	54	-17.16	-	-	-	-	110	261	V

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

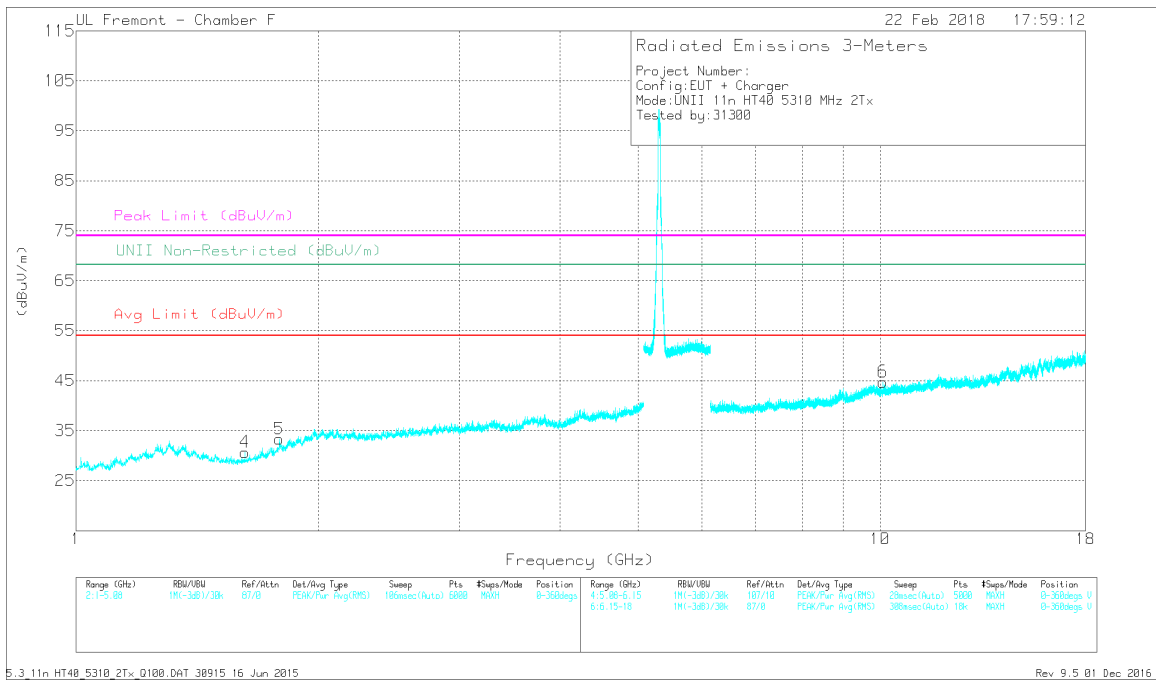
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.72	39.96	PK-U	28.6	-31	0	37.56	-	-	74	-36.44	-	-	20	250	H
	* 1.719	28.32	ADR	28.6	-31	.09	26.01	54	-27.99	-	-	-	-	20	250	H
4	* 1.626	40.67	PK-U	27.5	-31.2	0	36.97	-	-	74	-37.03	-	-	277	196	V
	* 1.619	28.6	ADR	27.4	-31.2	.09	24.89	54	-29.11	-	-	-	-	277	196	V
5	1.79	40.71	PK-U	29.6	-30.6	0	39.71	-	-	-	-	68.2	-28.49	256	328	V
2	* 7.514	36.44	PK-U	36.1	-24.2	0	48.34	-	-	74	-25.66	-	-	291	150	H
	* 7.506	24.81	ADR	36.1	-24.5	.09	36.5	54	-17.5	-	-	-	-	291	150	H
3	* 11.765	35.1	PK-U	39	-21.9	0	52.2	-	-	74	-21.8	-	-	37	100	H
	* 11.768	23.74	ADR	39	-21.8	.09	41.03	54	-12.97	-	-	-	-	37	100	H
6	10.078	34.27	PK-U	37.3	-21	0	50.57	-	-	-	-	68.2	-17.63	276	258	V

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

PK-U - U-NII: Maximum Peak

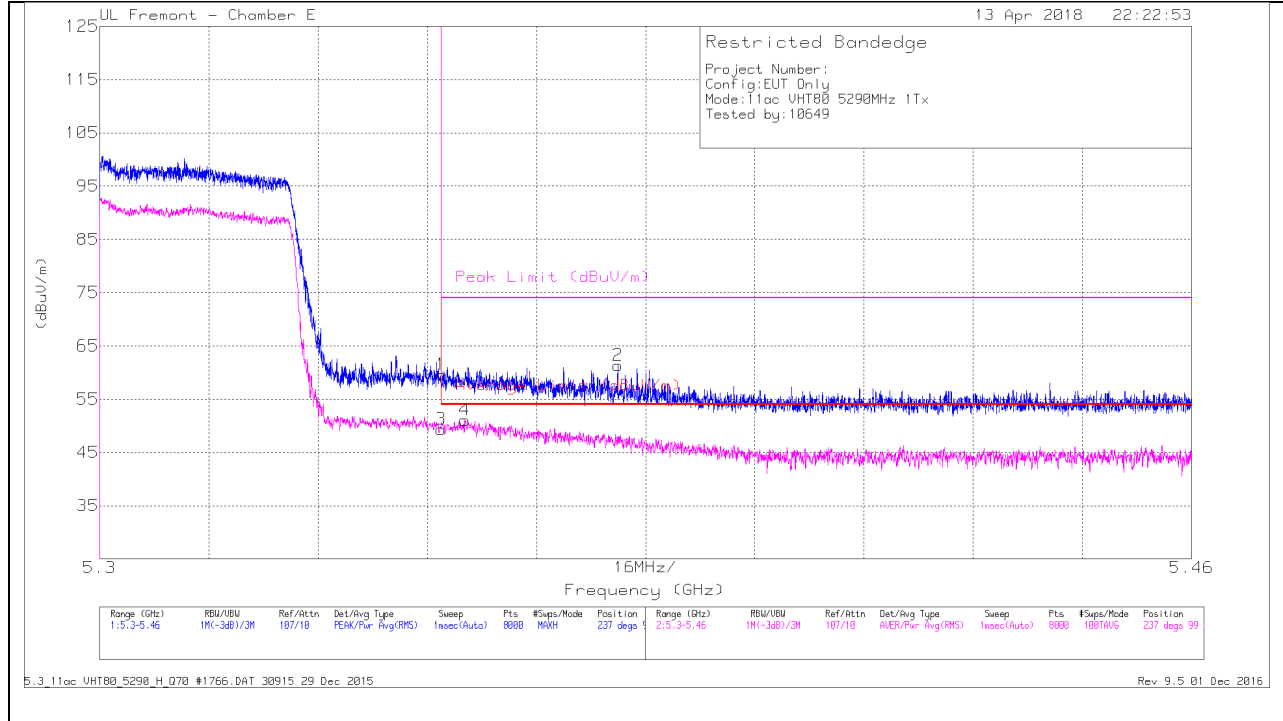
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 Mode

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



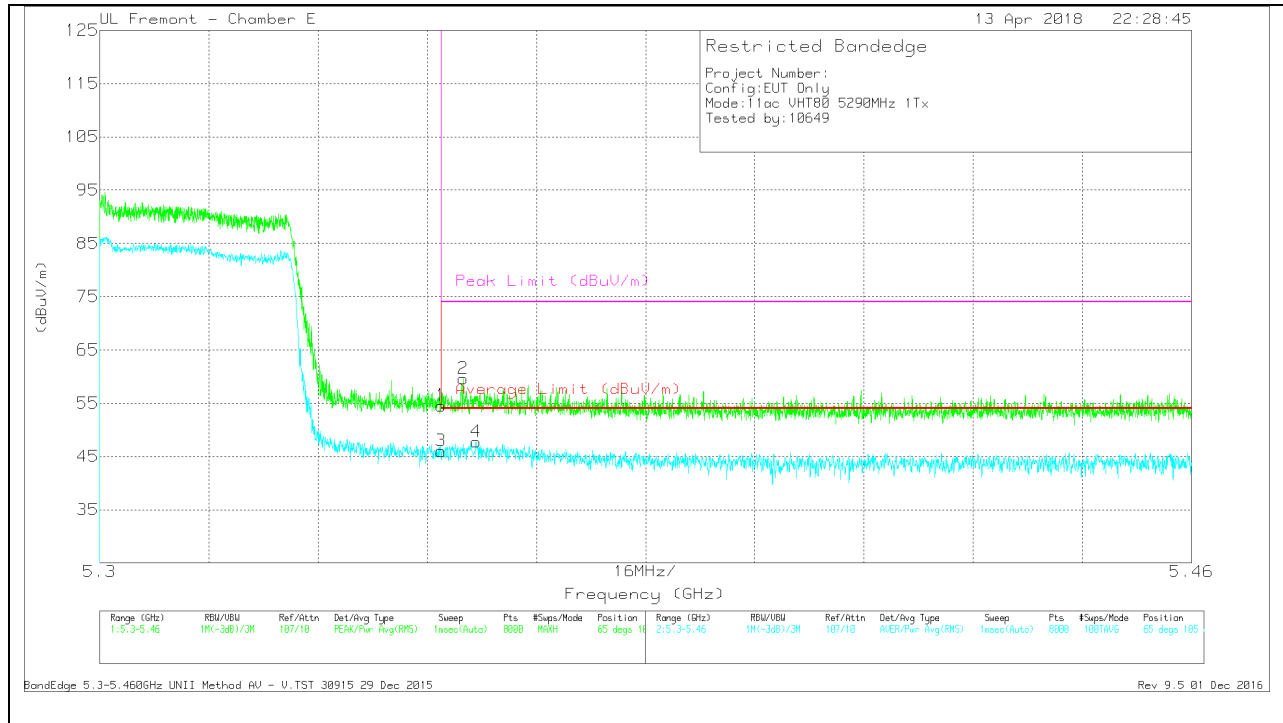
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.52	Pk	35	-19.9	0	59.62	-	-	74	-14.38	237	99	H
3	* 5.35	34.23	RMS	35	-19.9	.2	49.53	54	-4.47	-	-	237	99	H
4	* 5.354	35.94	RMS	35	-19.9	.2	51.24	54	-2.76	-	-	237	99	H
2	* 5.376	46.31	Pk	35	-20	0	61.31	-	-	74	-12.69	237	99	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	39.43	Pk	35	-19.9	0	54.53	-	-	74	-19.47	65	105	V
3	* 5.35	30.69	RMS	35	-19.9	.2	45.99	54	-8.01	-	-	65	105	V
2	* 5.353	44.52	Pk	35	-19.9	0	59.62	-	-	74	-14.38	65	105	V
4	* 5.355	32.46	RMS	35	-19.9	.2	47.76	54	-6.24	-	-	65	105	V

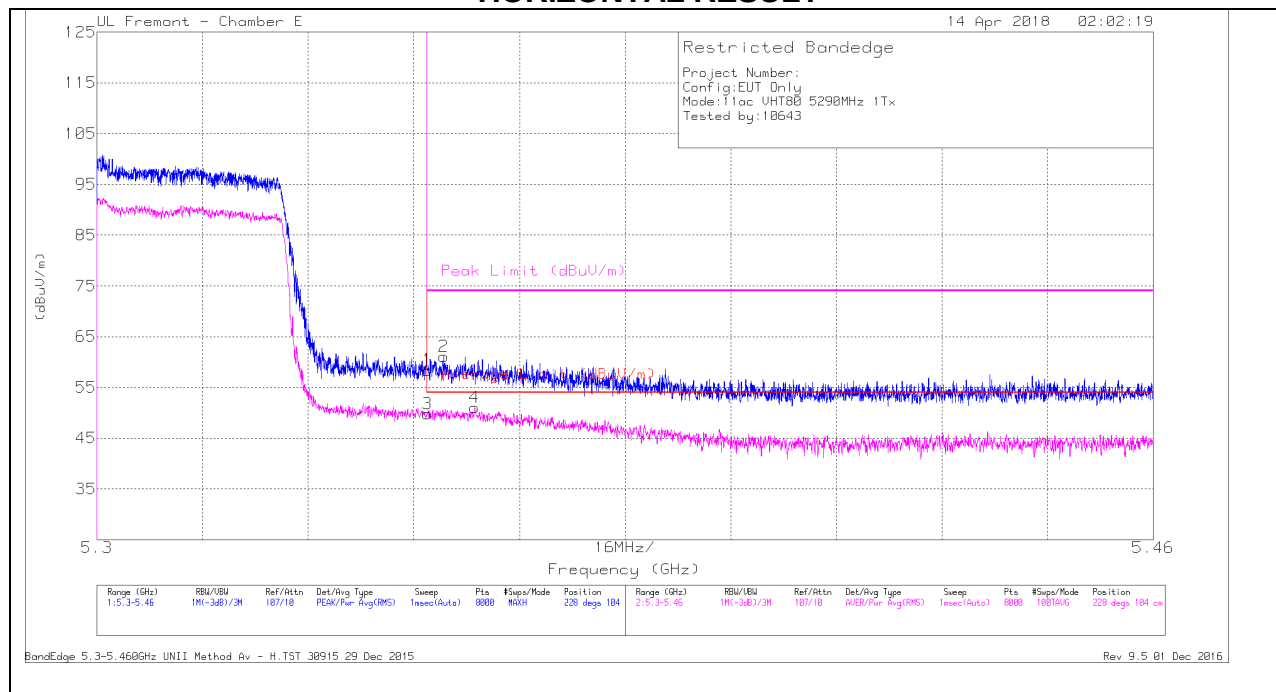
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BandEdge 5.3-5.460GHz UNII Method AV - V.TST 30915 29 Dec 2015

Rev 9.5.01 Dec 2016

1TX Antenna 5 Mode**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

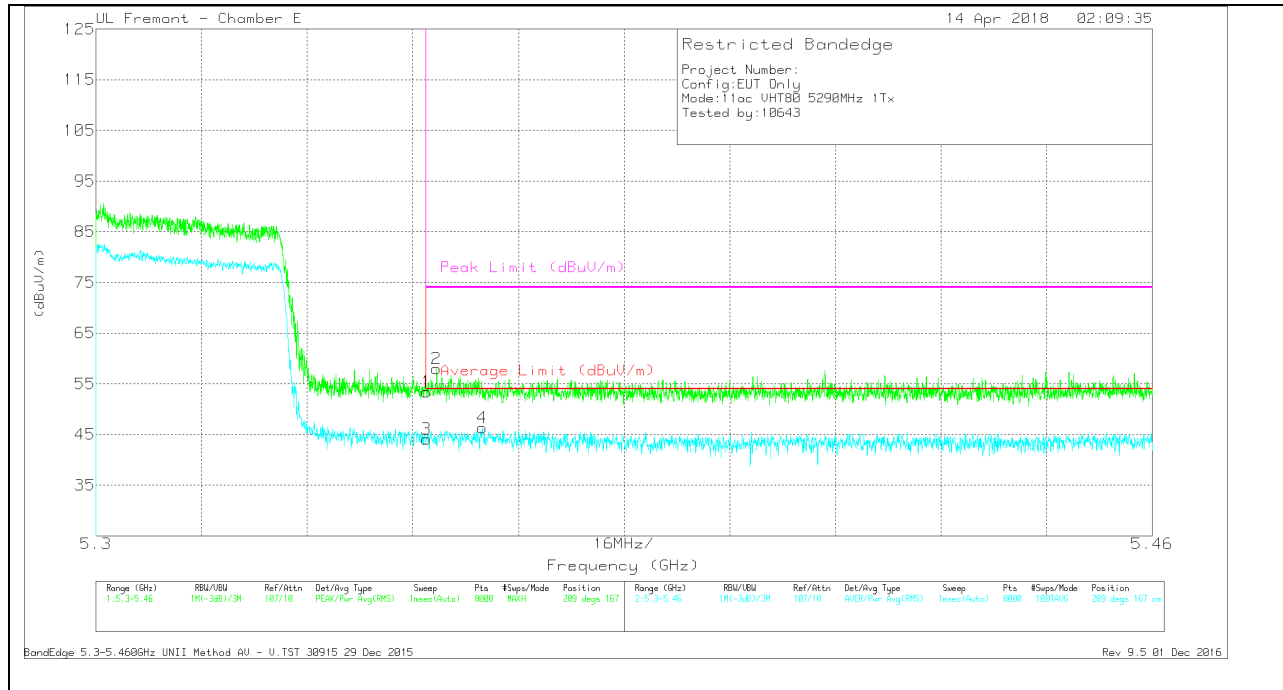
Marker	Frequ ncy (GHz)	Meter Readin g (dBuV)	Det	AFT346 (dB/m)	Amp/C bl/Filtr/ Pad (dB)	DC Corr (dB)	Correct ed Readin g (dBuV/ m)	Averag e Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimu t (Degs)	Height (cm)	Polarity
1	* 5.35	43.32	Pk	35	-19.9	0	58.42	-	-	74	-15.58	228	104	H
2	* 5.353	46.04	Pk	35	-19.9	0	61.14	-	-	74	-12.86	228	104	H
3	* 5.35	34.73	RMS	35	-19.9	.2	50.03	54	-3.97	-	-	228	104	H
4	* 5.357	35.91	RMS	35	-19.9	.2	51.21	54	-2.79	-	-	228	104	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

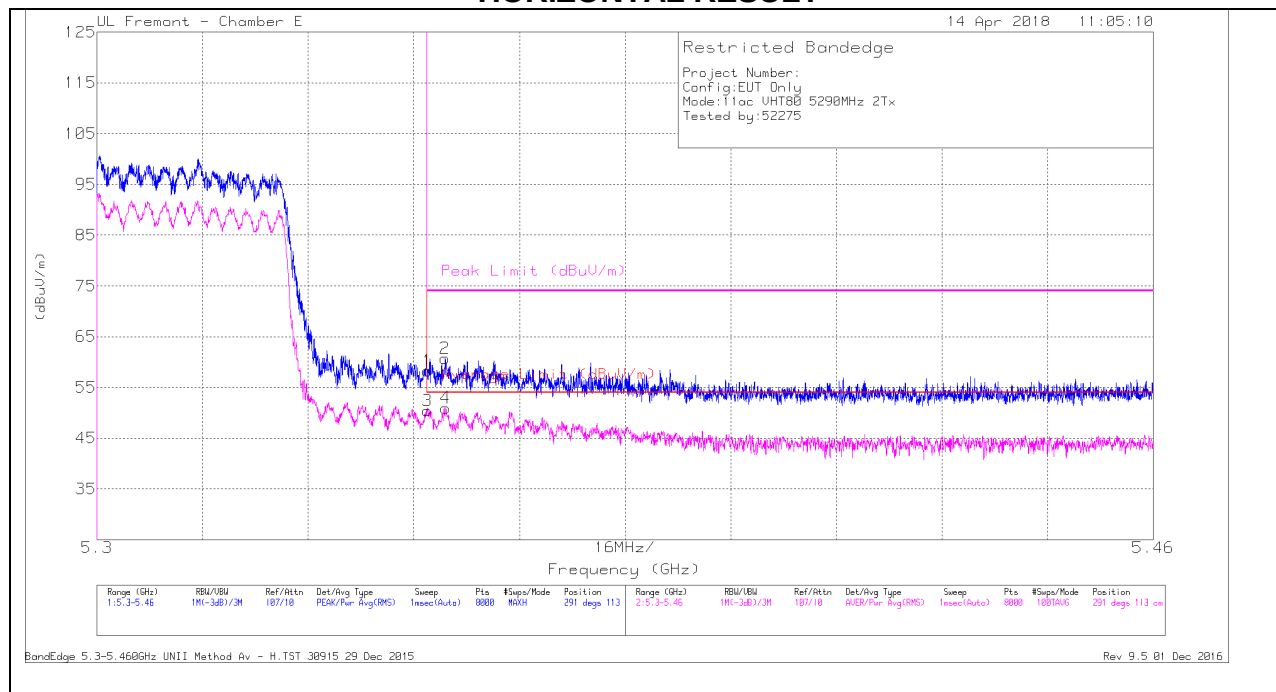


Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb l/Fitr/Pa d (dB)	DC Corr (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.35	Pk	35	-19.9	0	53.45	-	-	74	-20.55	289	167	V
2	* 5.352	42.9	Pk	35	-19.9	0	58	-	-	74	-16	289	167	V
3	* 5.35	28.94	RMS	35	-19.9	.2	44.03	54	-9.97	-	-	289	167	V
4	* 5.359	31.31	RMS	35	-20	.2	46.3	54	-7.7	-	-	289	167	V

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

Pk - Peak detector

RMS - RMS detection

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

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (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	43.19	Pk	35	-19.9	0	58.29	-	-	74	-15.71	291	113	H
3	* 5.35	35.33	RMS	35	-19.9	.2	50.63	54	-3.37	-	-	291	113	H
2	* 5.353	45.58	Pk	35	-19.9	0	60.68	-	-	74	-13.32	291	113	H
4	* 5.353	35.87	RMS	35	-19.9	.2	51.17	54	-2.83	-	-	291	113	H

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

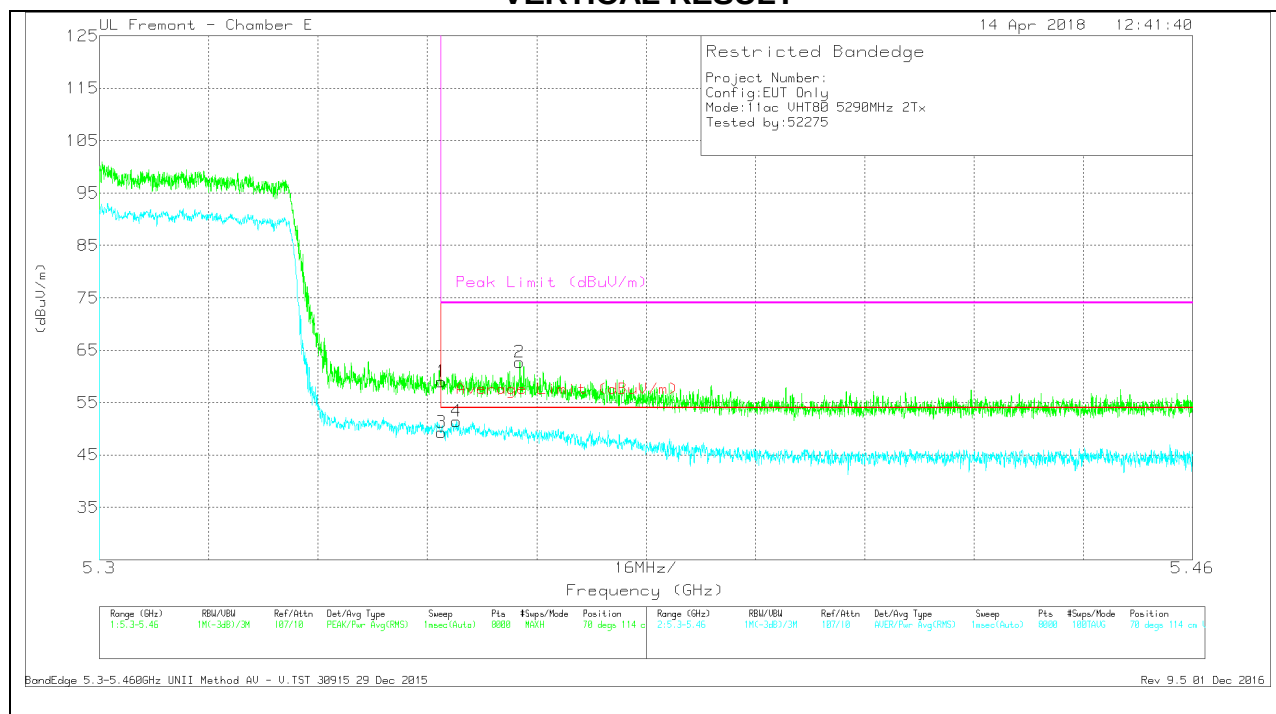
Pk - Peak detector

RMS - RMS detection

BandEdge 5.3-5.460GHz UNII Method Av - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.91	Pk	35	-19.9	0	59.01	-	-	74	-14.99	70	114	V
3	* 5.35	33.98	RMS	35	-19.9	.2	49.28	54	-4.72	-	-	70	114	V
4	* 5.352	36.1	RMS	35	-19.9	.2	51.4	54	-2.6	-	-	70	114	V
2	* 5.362	47.76	Pk	35	-20	0	62.77	-	-	74	-11.24	70	114	V

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

Pk - Peak detector

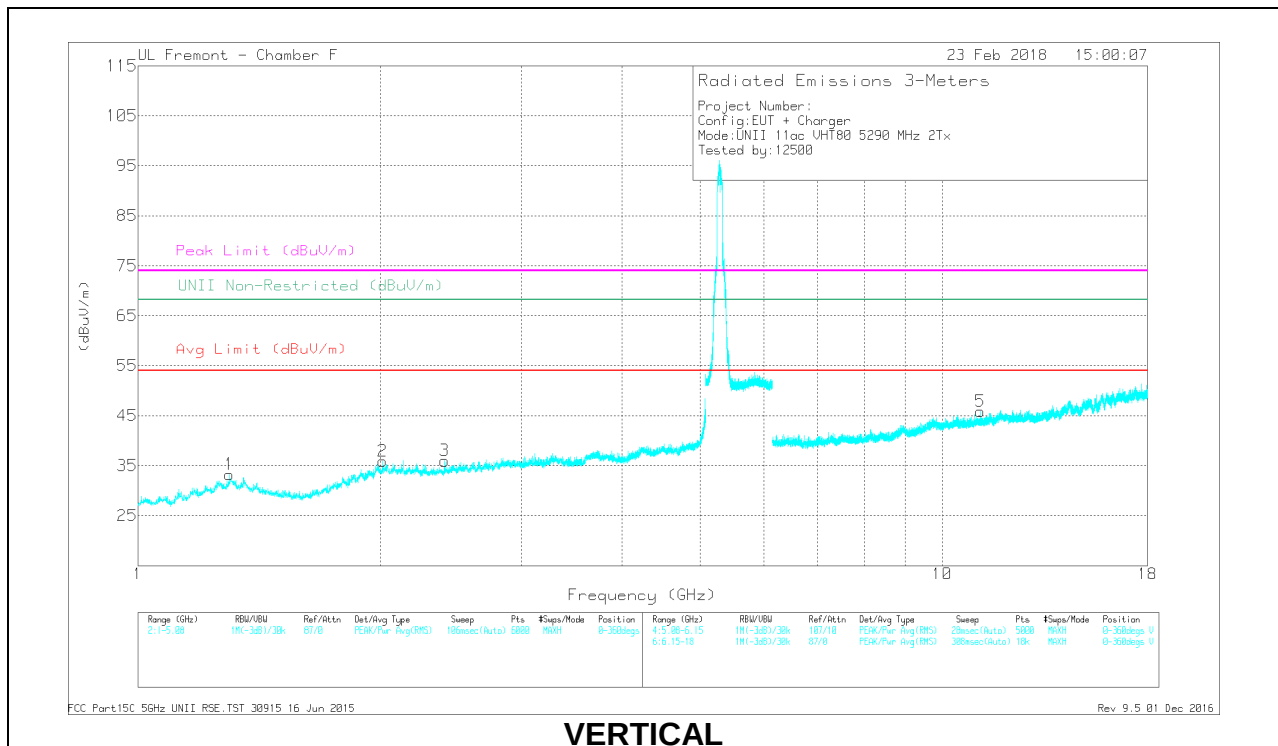
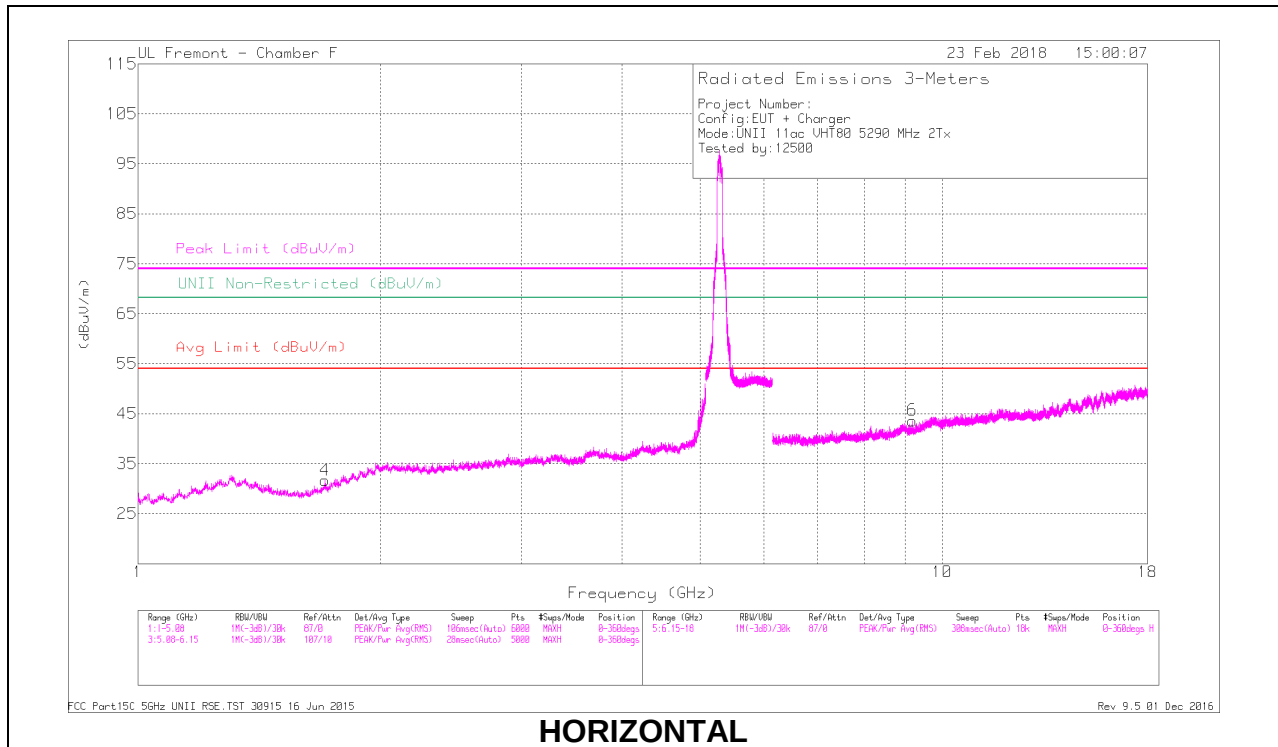
RMS - RMS detection

BandEdge 5.3-5.460GHz UNII Method AV - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.709	40.92	PK-U	28.5	-31.1	0	38.32	-	-	74	-35.68	-	-	317	257	H
	* 1.709	28.73	ADR	28.5	-31.1	0.2	26.33	54	-27.67	-	-	-	-	317	257	H
1	* 1.299	41.12	PK-U	30.1	-31.3	0	39.92	-	-	74	-34.08	-	-	336	185	V
	* 1.3	28.65	ADR	30.1	-31.3	0.2	27.65	54	-26.35	-	-	-	-	336	185	V
2	2.014	39.85	PK-U	32.3	-30.2	0	41.95	-	-	-	-	68.2	-26.25	157	188	V
3	2.408	39.97	PK-U	31.9	-30.2	0	41.67	-	-	-	-	68.2	-26.53	256	343	V
6	* 9.178	36.01	PK-U	36.4	-22.3	0	50.11	-	-	74	-23.89	-	-	164	177	H
	* 9.178	23.67	ADR	36.4	-22.3	0.2	37.97	54	-16.03	-	-	-	-	164	177	H
5	* 11.157	35.07	PK-U	38.1	-21.6	0	51.57	-	-	74	-22.43	-	-	349	221	V
	* 11.158	23.42	ADR	38.1	-21.6	0.2	40.12	54	-13.88	-	-	-	-	349	221	V

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

PK-U - U-NII: Maximum Peak

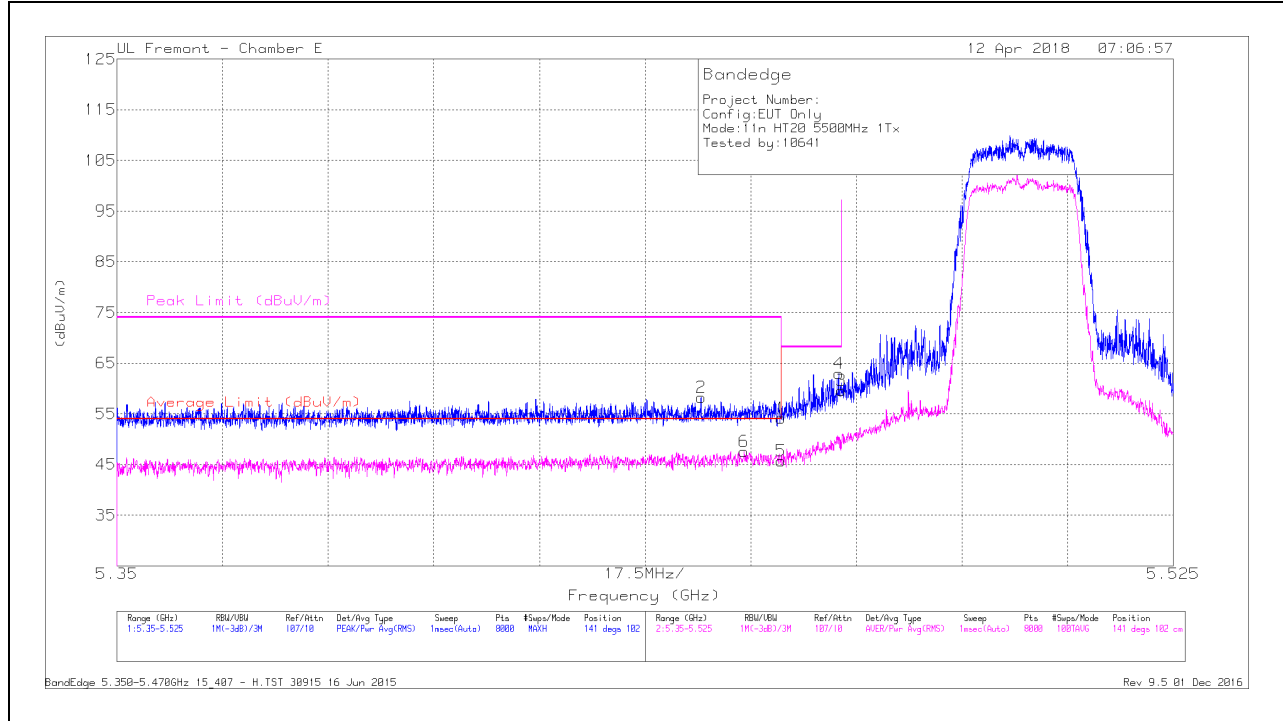
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



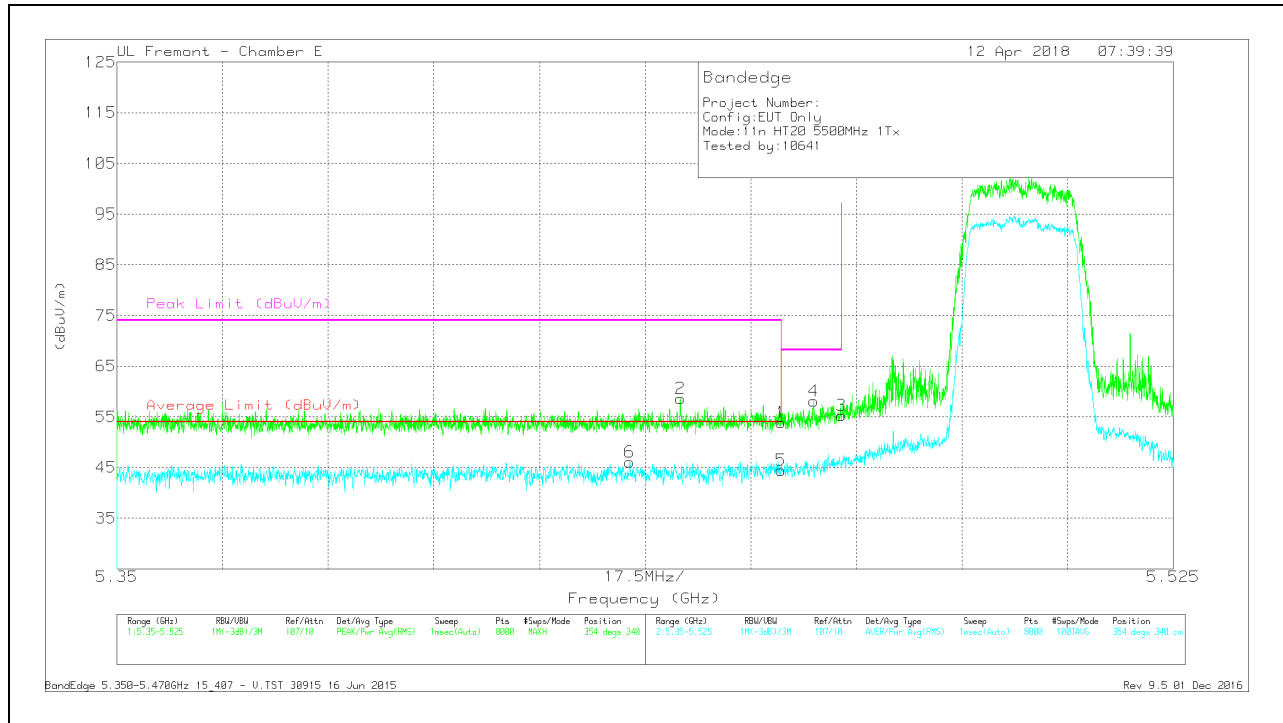
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.94	Pk	35.1	-19.9	54.14	-	-	74	-19.86	141	102	H
2	* 5.447	43.07	Pk	35.1	-19.9	58.27	-	-	74	-15.73	141	102	H
5	* 5.46	30.49	RMS	35.1	-19.9	45.69	54	-8.31	-	-	141	102	H
6	* 5.454	32.33	RMS	35.1	-19.9	47.53	54	-6.47	-	-	141	102	H
3	5.47	44.25	Pk	35.1	-19.8	59.55	-	-	68.2	-8.65	141	102	H
4	5.47	47.66	Pk	35.1	-19.8	62.96	-	-	68.2	-5.24	141	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Corrected Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.69	Pk	35.1	-19.9	53.89	-	-	74	-20.11	354	340	V
2	* 5.443	43.39	Pk	35.1	-19.9	58.59	-	-	74	-15.41	354	340	V
5	* 5.46	29.31	RMS	35.1	-19.9	44.51	54	-9.49	-	-	354	340	V
6	* 5.435	31.01	RMS	35.1	-20	46.11	54	-7.89	-	-	354	340	V
4	5.465	42.94	Pk	35.1	-19.9	58.14	-	-	68.2	-10.06	354	340	V
3	5.47	39.92	Pk	35.1	-19.8	55.22	-	-	68.2	-12.98	354	340	V

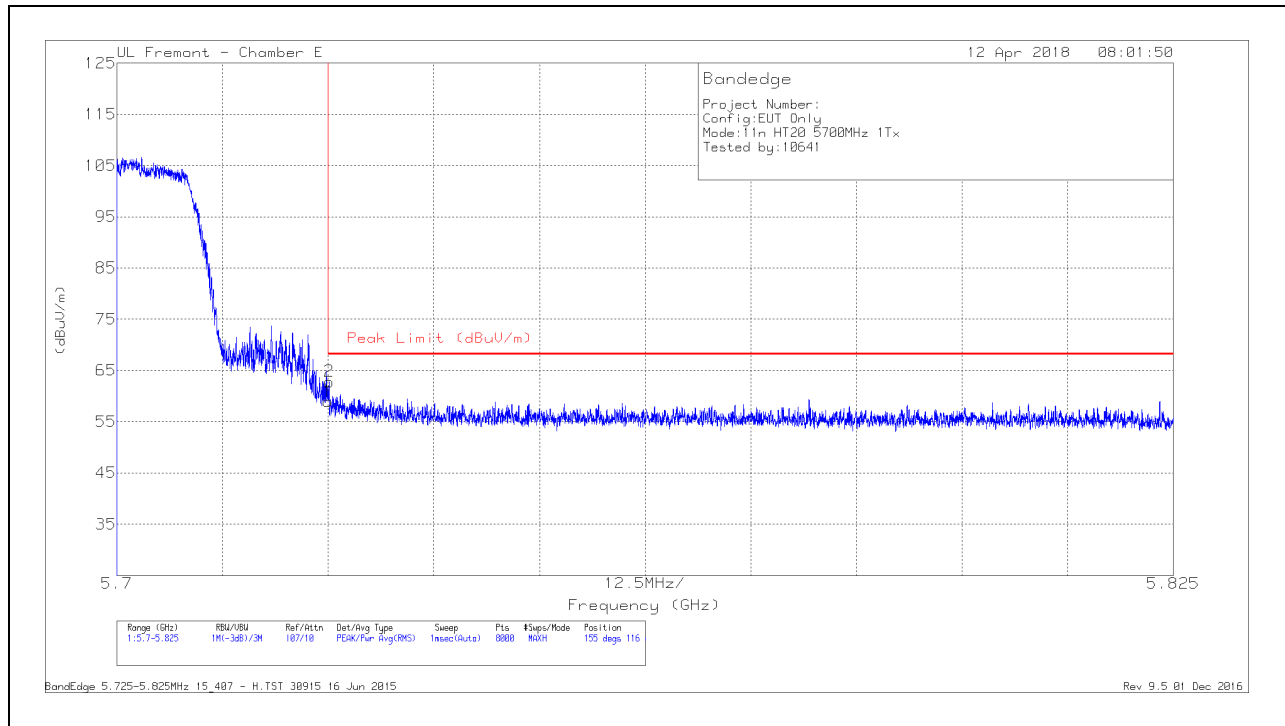
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

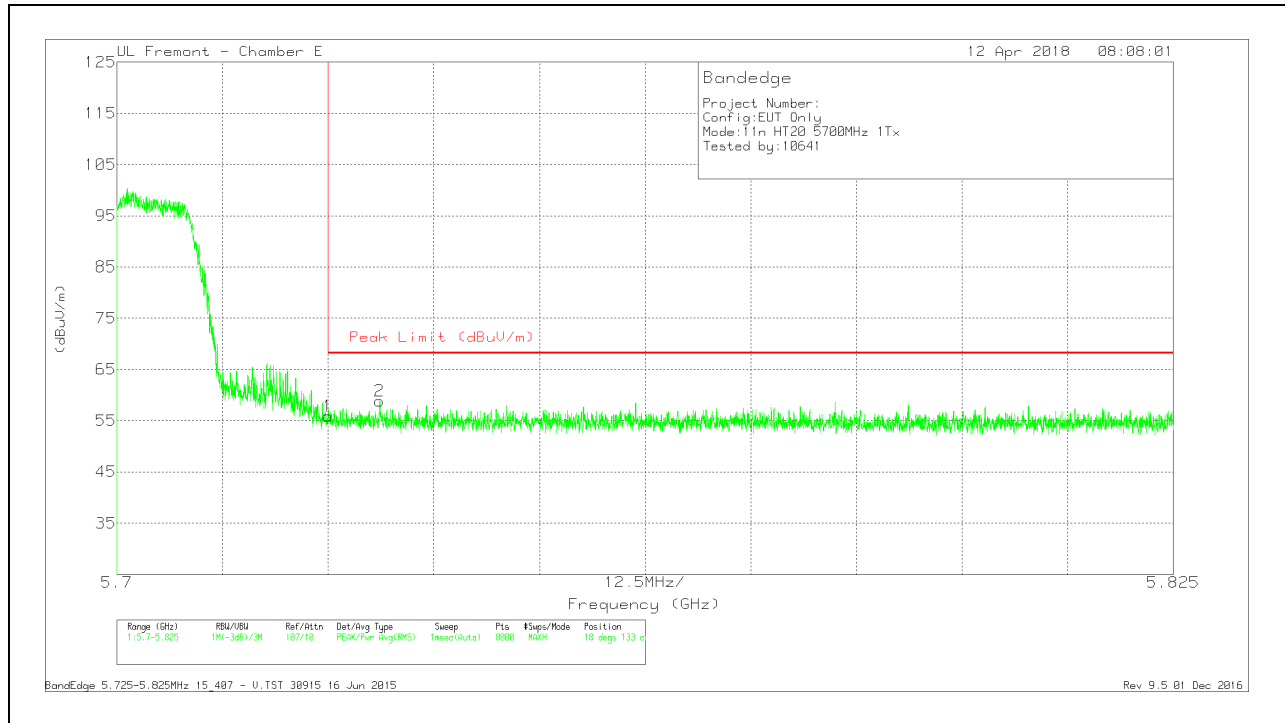
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.29	Pk	35.1	-19.4	58.99	68.2	-9.21	155	116	H
2	5.725	47.13	Pk	35.1	-19.4	62.83	68.2	-5.37	155	116	H

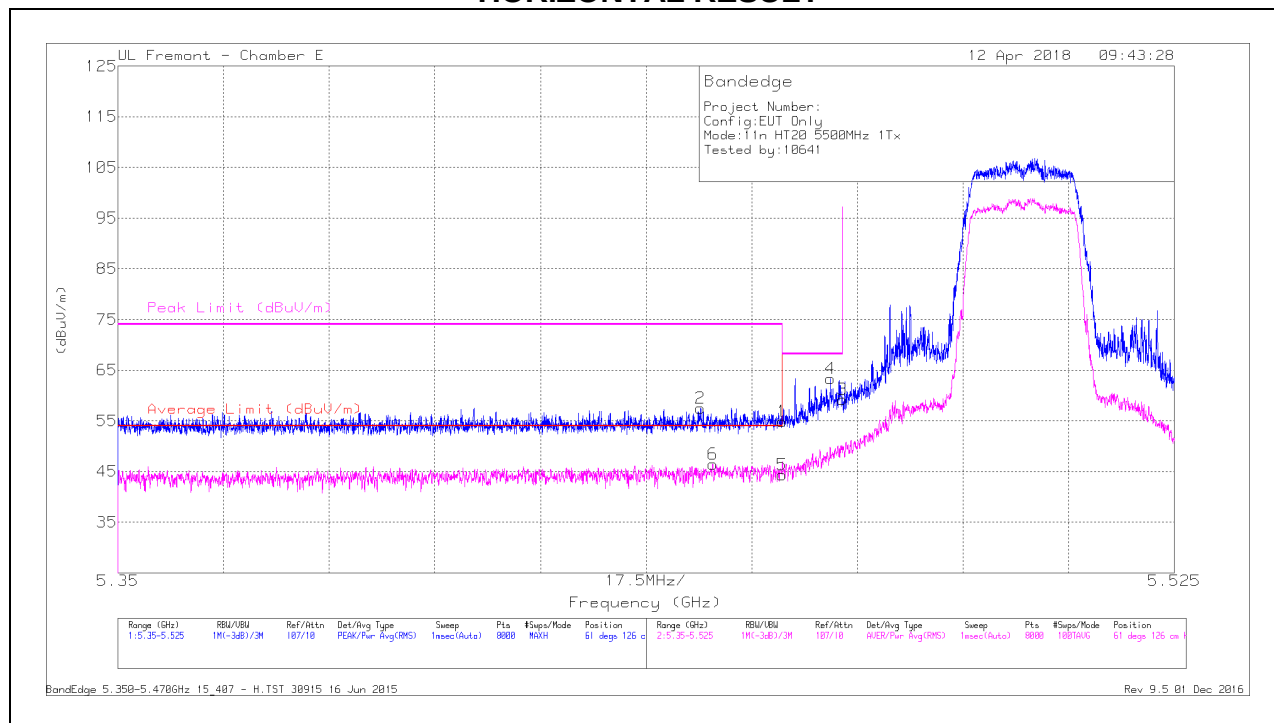
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.22	Pk	35.1	-19.4	55.92	68.2	-12.28	18	133	V
2	5.731	43.14	Pk	35.1	-19.4	58.84	68.2	-9.36	18	133	V

Pk - Peak detector

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

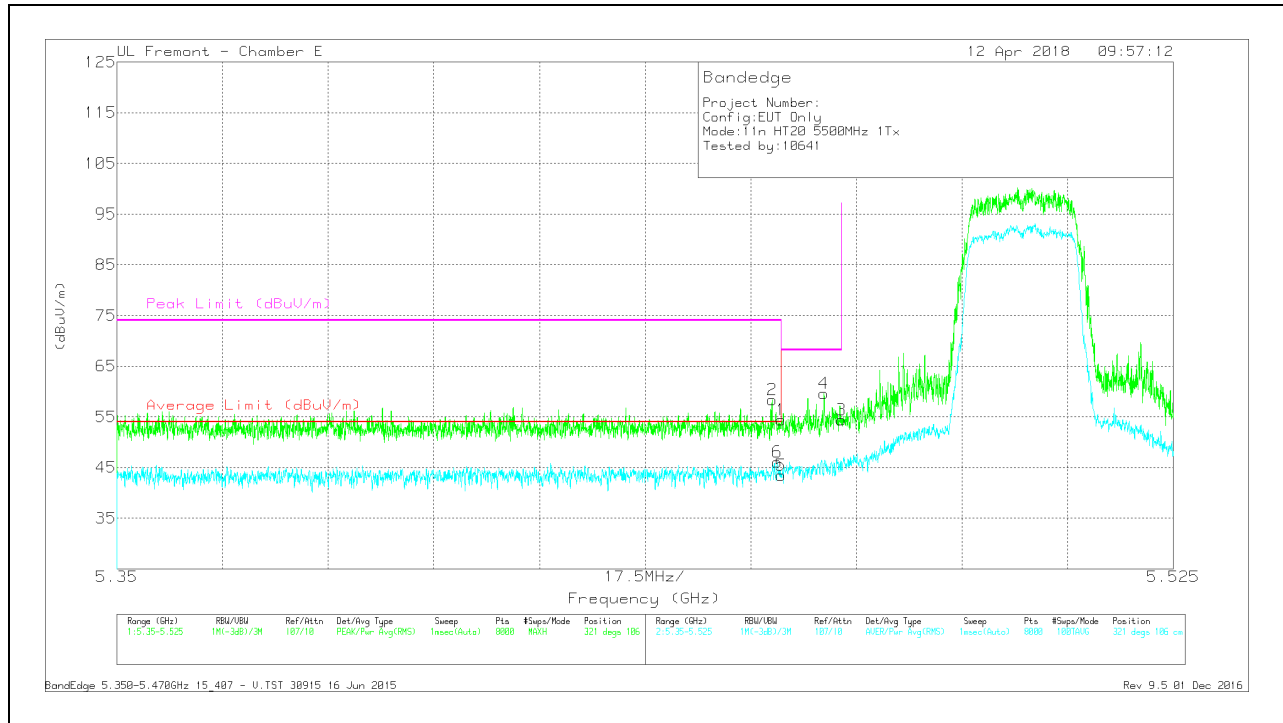
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pa d (dB)	Correcte d Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.74	Pk	35.1	-19.9	54.94	-	-	74	-19.06	61	126	H
2	* 5.447	42.3	Pk	35.1	-19.9	57.5	-	-	74	-16.5	61	126	H
5	* 5.46	29.13	RMS	35.1	-19.9	44.33	54	-9.67	-	-	61	126	H
6	* 5.449	31.22	RMS	35.1	-19.9	46.42	54	-7.58	-	-	61	126	H
4	5.468	48.18	Pk	35.1	-19.9	63.38	-	-	68.2	-4.82	61	126	H
3	5.47	43.89	Pk	35.1	-19.8	59.19	-	-	68.2	-9.01	61	126	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

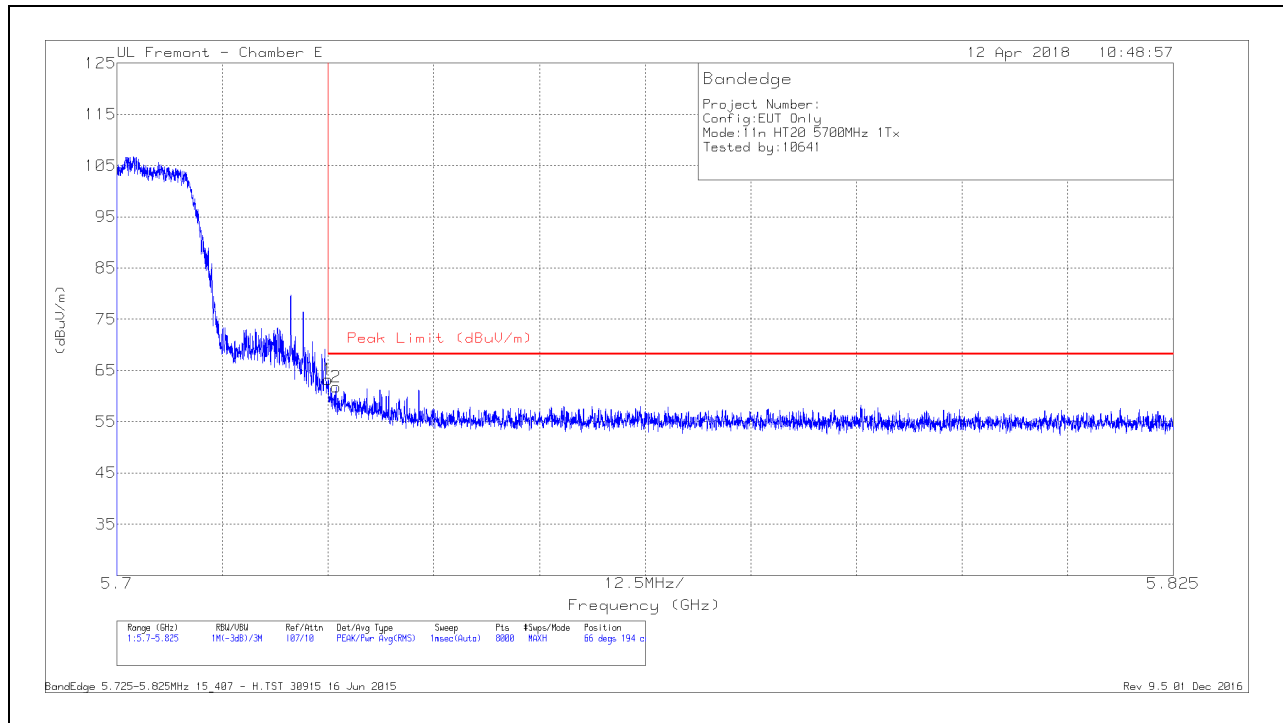


Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Fltr/Pad (dB)	Corrected Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.21	Pk	35.1	-19.9	54.41	-	-	74	-19.59	321	106	V
2	* 5.459	43.11	Pk	35.1	-19.9	58.31	-	-	74	-15.69	321	106	V
5	* 5.46	28.27	RMS	35.1	-19.9	43.47	54	-10.53	-	-	321	106	V
6	* 5.459	30.87	RMS	35.1	-19.9	46.07	54	-7.93	-	-	321	106	V
4	5.467	44.44	Pk	35.1	-19.9	59.64	-	-	68.2	-8.56	321	106	V
3	5.47	39.06	Pk	35.1	-19.8	54.36	-	-	68.2	-13.84	321	106	V

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

Pk - Peak detector

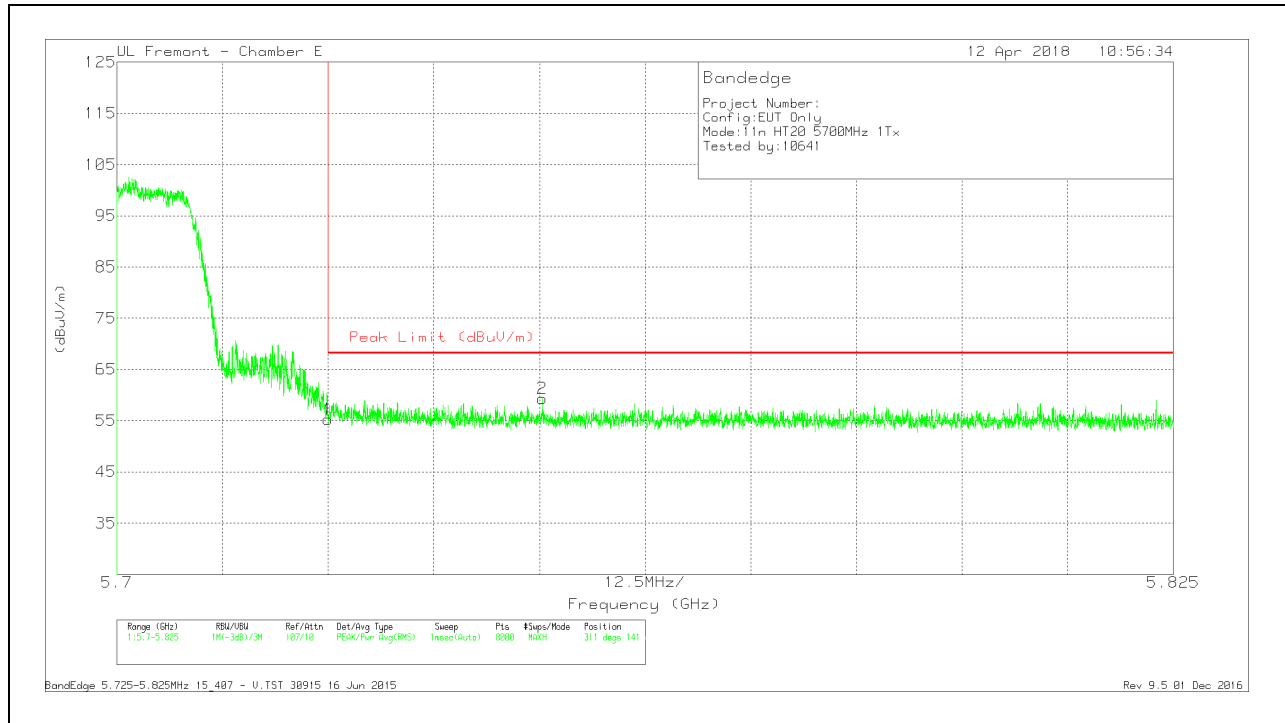
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.6	Pk	35.1	-19.4	63.3	68.2	-4.9	66	194	H
2	5.726	46.04	Pk	35.1	-19.4	61.74	68.2	-6.46	66	194	H

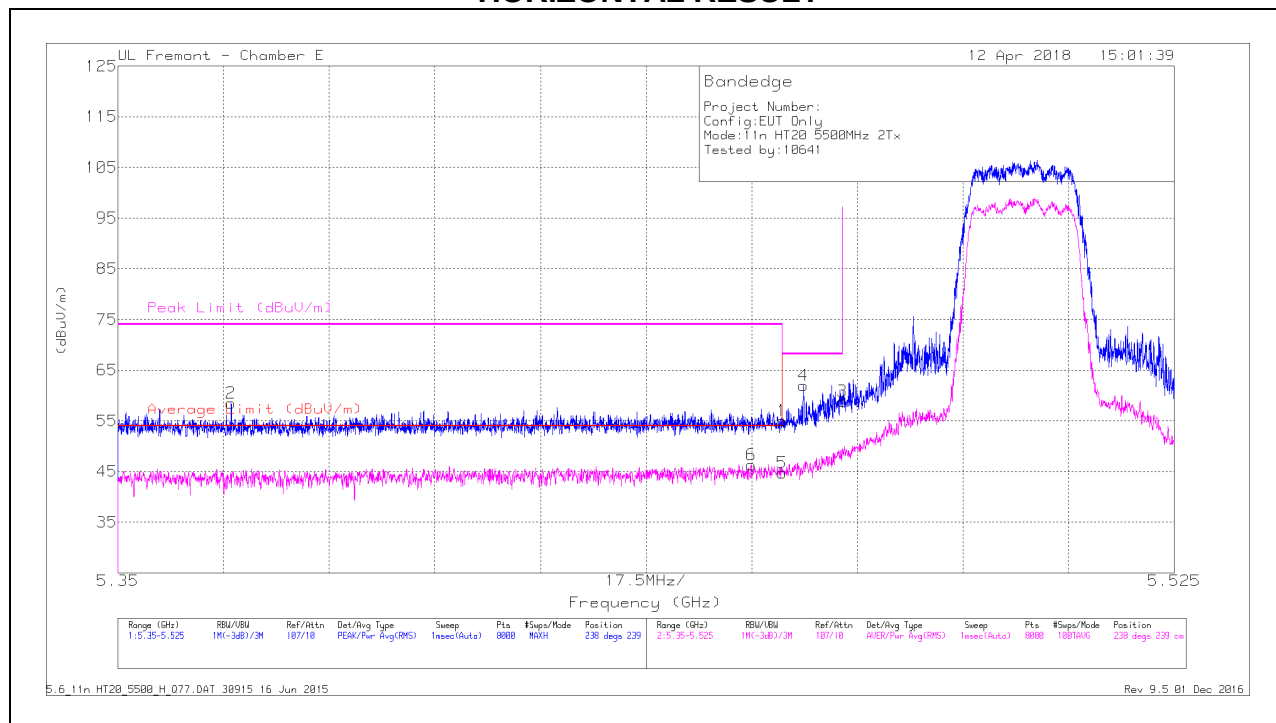
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.54	Pk	35.1	-19.4	55.24	68.2	-12.96	311	141	V
2	5.75	43.52	Pk	35.2	-19.4	59.32	68.2	-8.88	311	141	V

Pk - Peak detector

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

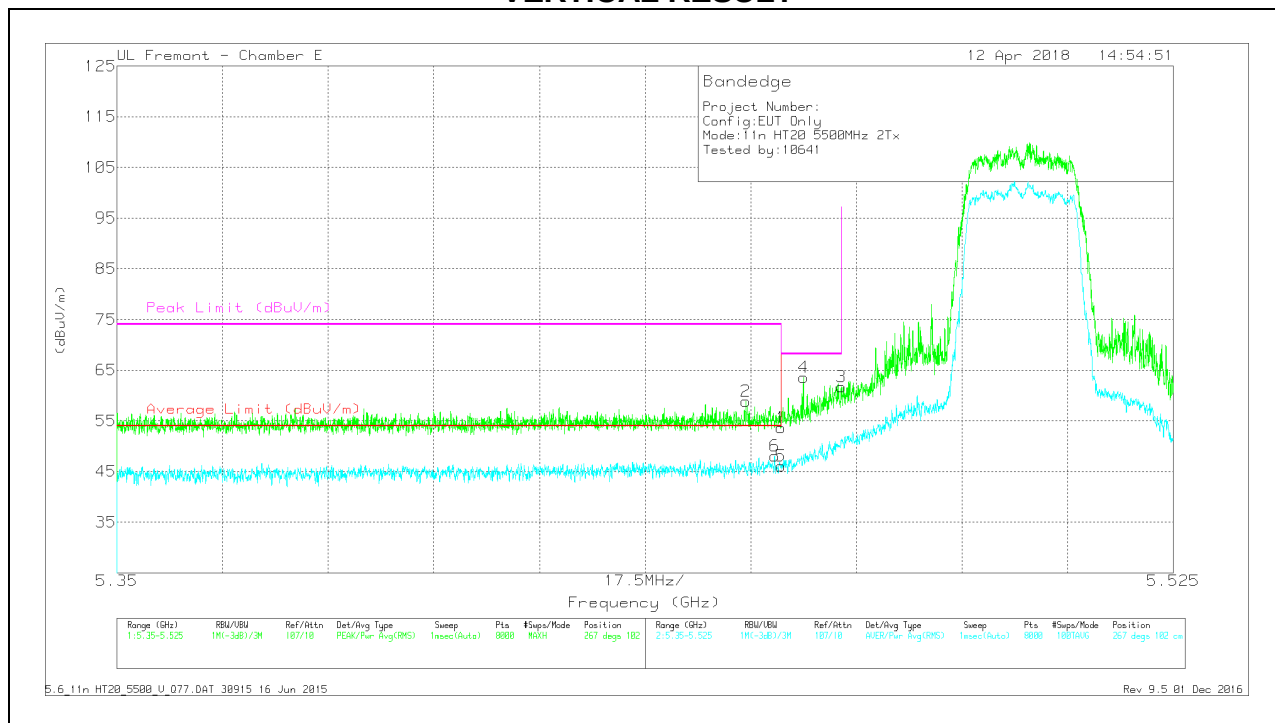
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl /Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.76	Pk	35.1	-19.9	54.96	-	-	74	-19.04	238	239	H
2	* 5.369	43.33	Pk	35	-19.9	58.43	-	-	74	-15.57	238	239	H
5	* 5.46	29.54	RMS	35.1	-19.9	44.74	54	-9.26	-	-	238	239	H
6	* 5.455	31.11	RMS	35.1	-19.9	46.31	54	-7.69	-	-	238	239	H
4	5.464	46.74	Pk	35.1	-19.9	61.94	-	-	68.2	-6.26	238	239	H
3	5.47	43.55	Pk	35.1	-19.8	58.85	-	-	68.2	-9.35	238	239	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

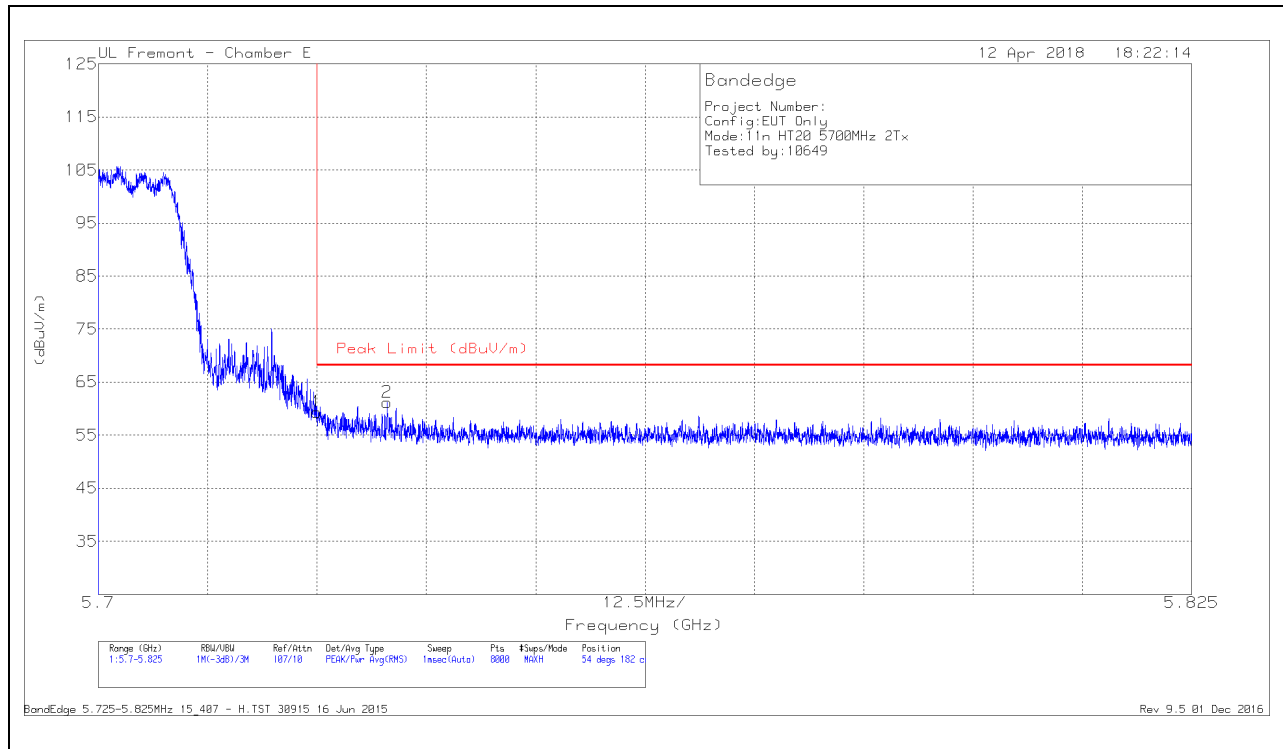


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.5	Pk	35.1	-19.9	53.7	-	-	74	-20.3	267	102	V
2	* 5.454	43.63	Pk	35.1	-19.9	58.83	-	-	74	-15.17	267	102	V
5	* 5.46	30.82	RMS	35.1	-19.9	46.02	54	-7.98	-	-	267	102	V
6	* 5.459	32.9	RMS	35.1	-19.9	48.1	54	-5.9	-	-	267	102	V
4	5.464	48.33	Pk	35.1	-19.9	63.53	-	-	68.2	-4.67	267	102	V
3	5.47	46.37	Pk	35.1	-19.8	61.67	-	-	68.2	-6.53	267	102	V

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

Pk - Peak detector

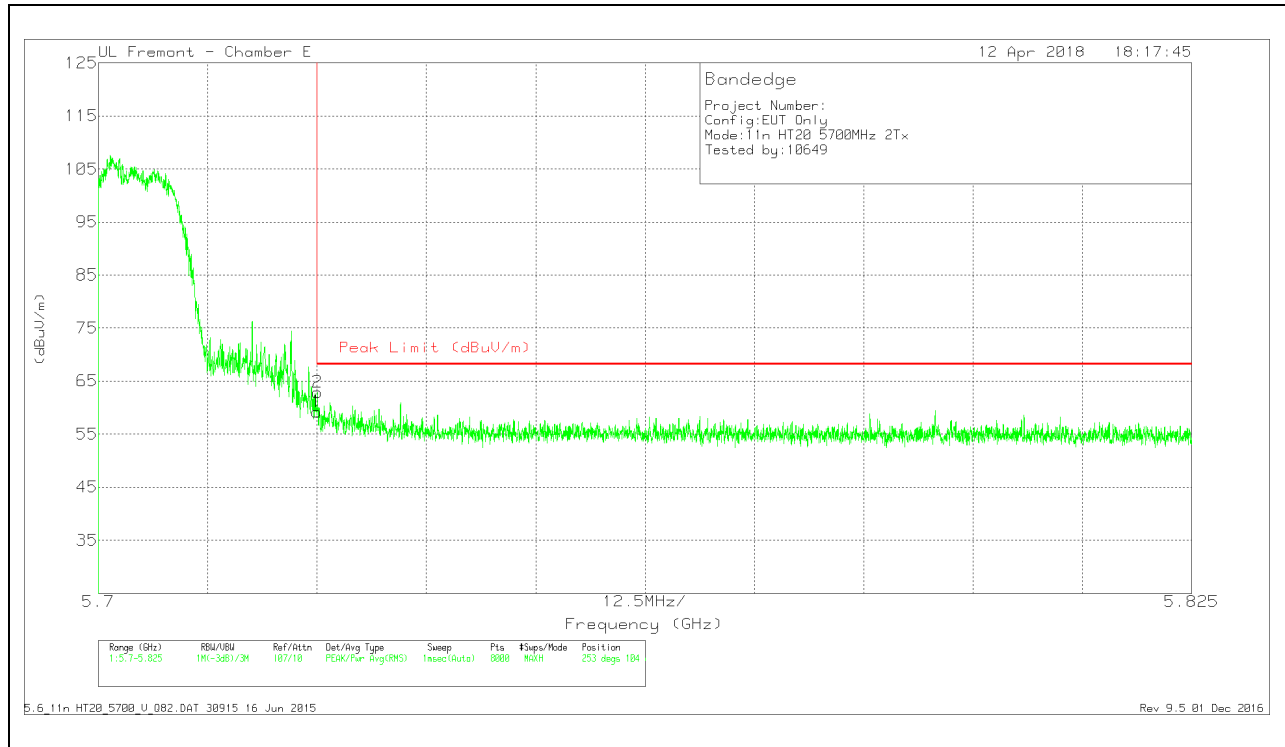
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/Fl tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.64	Pk	35.1	-19.4	59.34	68.2	-8.86	54	182	H
2	5.733	45.45	Pk	35.1	-19.4	61.15	68.2	-7.05	54	182	H

Pk - Peak detector

VERTICAL RESULT

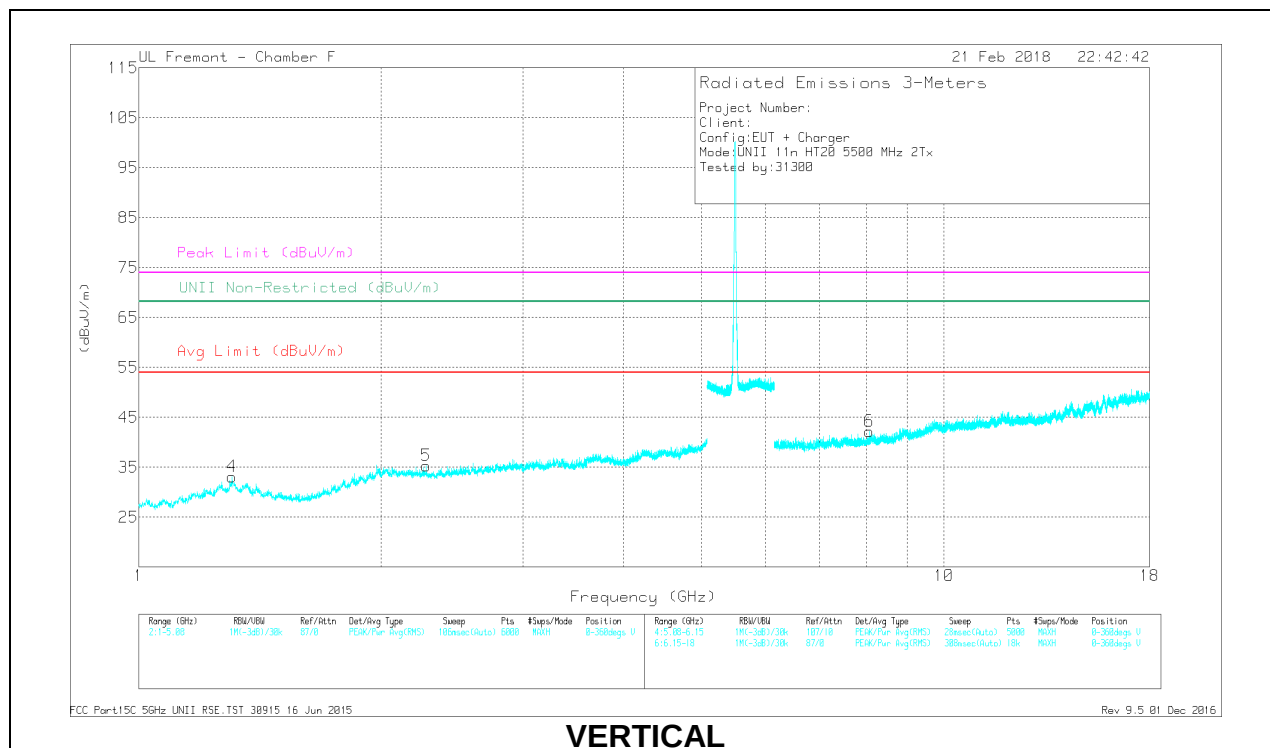
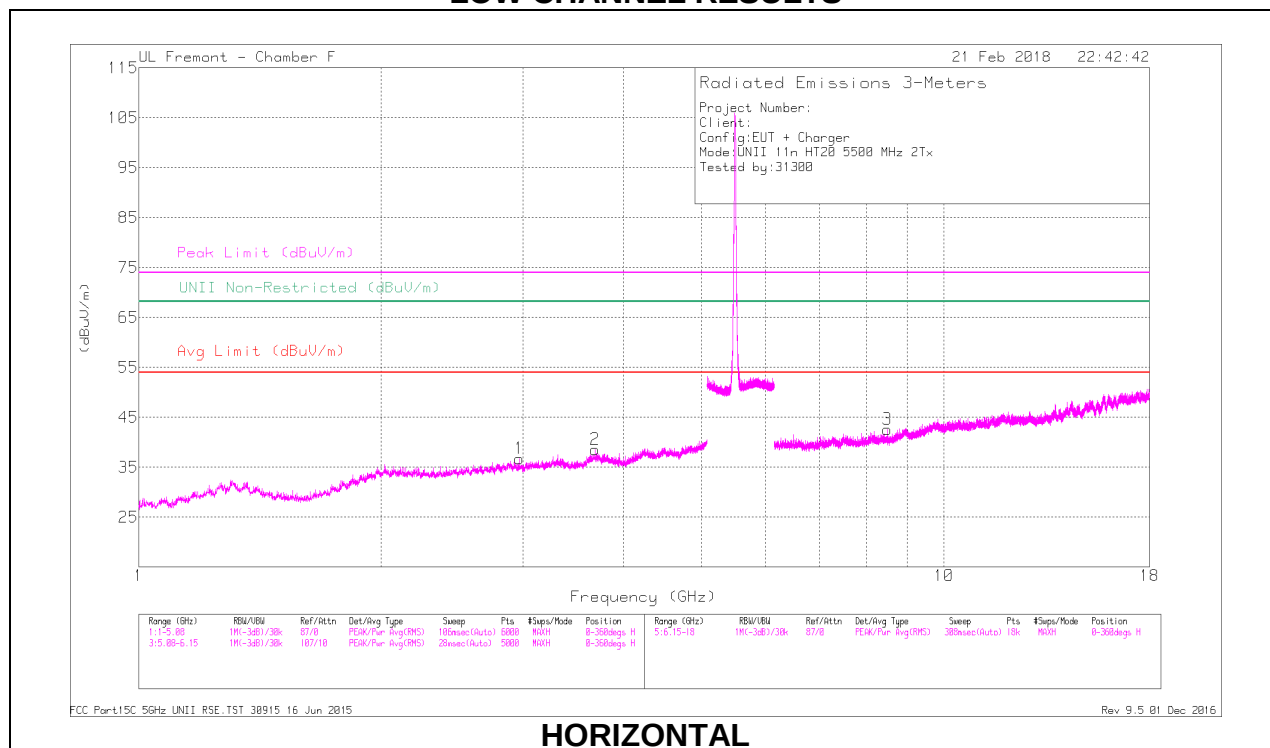


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.56	Pk	35.1	-19.4	59.26	68.2	-8.94	253	104	V
2	5.725	47.14	Pk	35.1	-19.4	62.84	68.2	-5.36	253	104	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

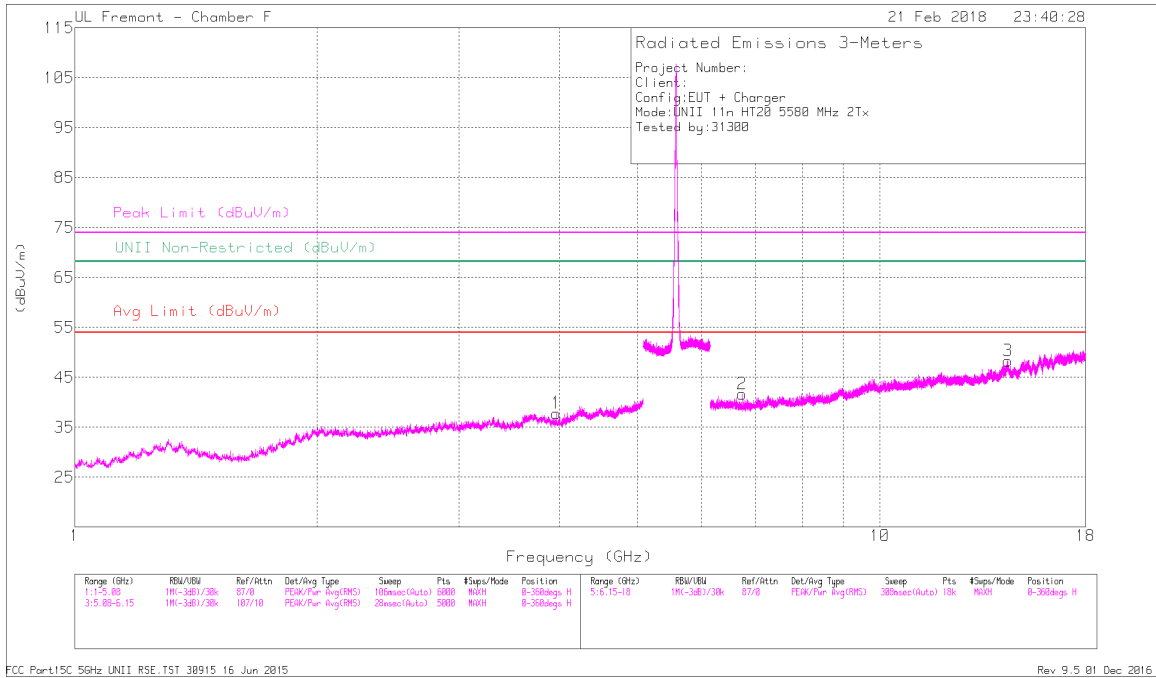
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.968	39.84	PK-U	32.8	-29.8	42.84	-	-	-	-	68.2	-25.36	240	159	H
2	* 3.693	39.11	PK-U	33.3	-28.6	43.81	-	-	74	-30.19	-	-	6	377	H
	* 3.684	27.45	ADR	33.3	-28.6	32.15	54	-21.85	-	-	-	-	6	377	H
4	* 1.31	41.47	PK-U	30	-31.2	40.27	-	-	74	-33.73	-	-	80	190	V
	* 1.308	29.24	ADR	30	-31.2	28.04	54	-25.96	-	-	-	-	80	190	V
5	* 2.282	40.57	PK-U	31.7	-30.2	42.07	-	-	74	-31.93	-	-	100	204	V
	* 2.27	28.29	ADR	31.7	-30.2	29.79	54	-24.21	-	-	-	-	100	204	V
3	* 8.288	36.73	PK-U	36.1	-24.4	48.43	-	-	74	-25.57	-	-	289	187	H
	* 8.332	24.89	ADR	36	-24.3	36.59	54	-17.41	-	-	-	-	289	187	H
6	* 8.08	37.59	PK-U	36	-24.3	49.29	-	-	74	-24.71	-	-	15	112	V
	* 8.081	24.85	ADR	36	-24.3	36.55	54	-17.45	-	-	-	-	15	112	V

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

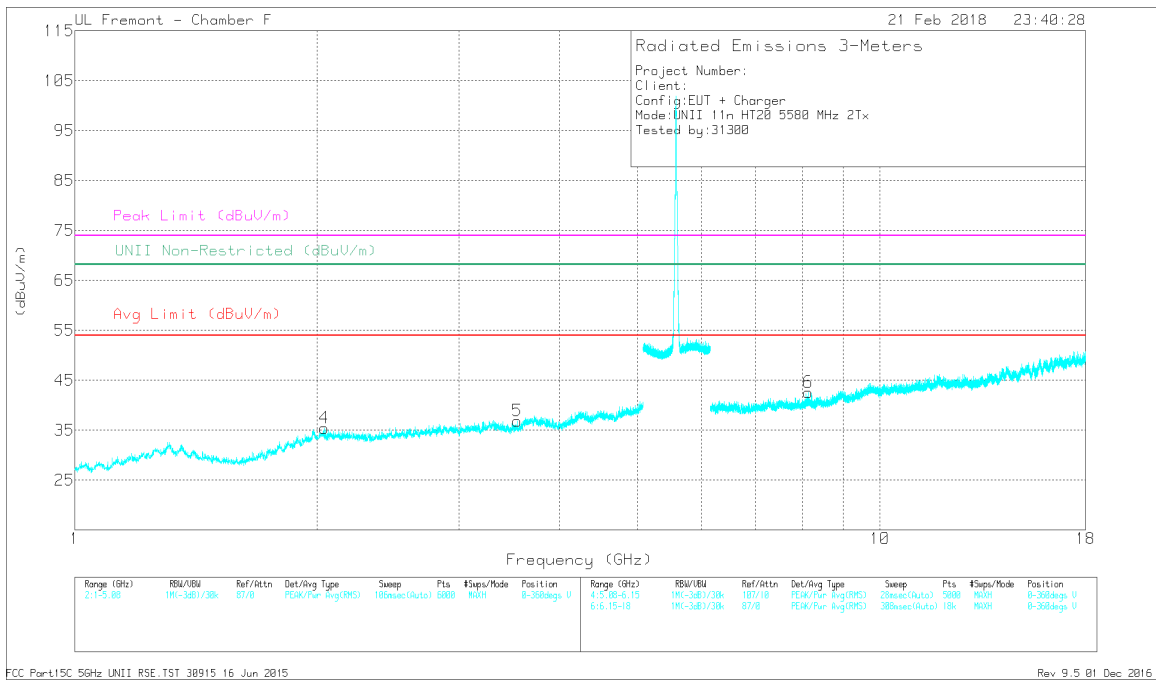
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

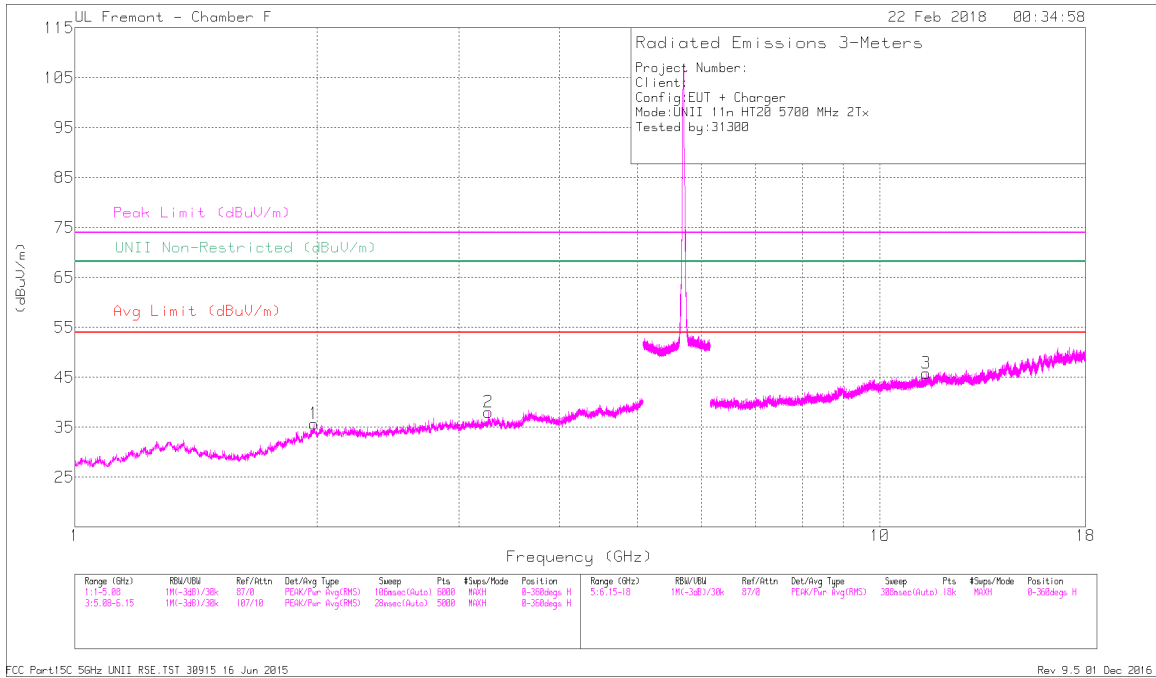
Marker	Frequency (GHz)	Measuring Reading (dBu V)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBu V/m)	Avg Limit (dBu V/m)	Margin (dB)	Peak Limit (dBu V/m)	PK Margin (dB)	UNII Non-Restricted (dBu V/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 3.961	38.92	PK-U	33.3	-28.8	43.42	-	-	74	-30.58	-	-	267	278	H
	* 3.962	27.66	ADR	33.3	-28.8	32.16	54	-21.84	-	-	-	-	267	278	H
4	2.041	40.62	PK-U	32.3	-30.5	42.42	-	-	-	-	68.2	-25.78	228	141	V
5	* 3.539	40.06	PK-U	33	-28.9	44.16	-	-	74	-29.84	-	-	43	262	V
	* 3.542	27.66	ADR	33	-29	31.66	54	-22.34	-	-	-	-	43	262	V
2	6.735	37.75	PK-U	35.7	-26.1	47.35	-	-	-	-	68.2	-20.85	164	166	H
3	14.409	36.49	PK-U	40.8	-22.7	54.59	-	-	-	-	68.2	-13.61	333	399	H
6	* 8.15	36.32	PK-U	36.1	-23.8	48.62	-	-	74	-25.38	-	-	195	216	V
	* 8.138	24.67	ADR	36.1	-23.8	36.97	54	-17.03	-	-	-	-	195	216	V

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

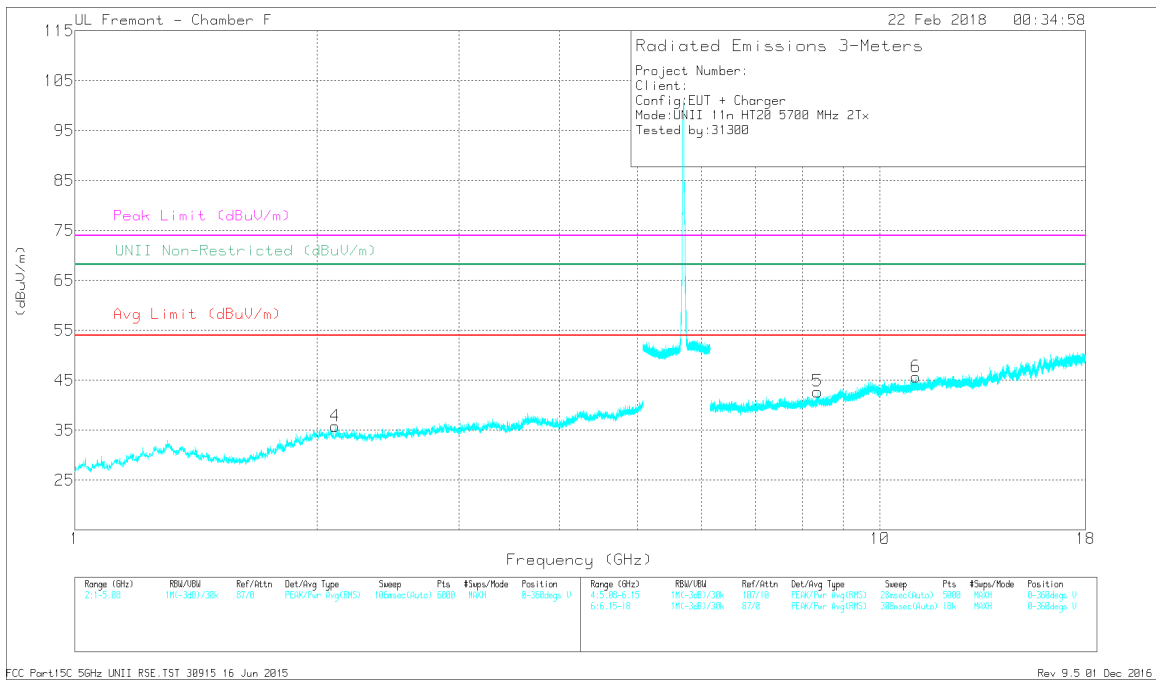
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

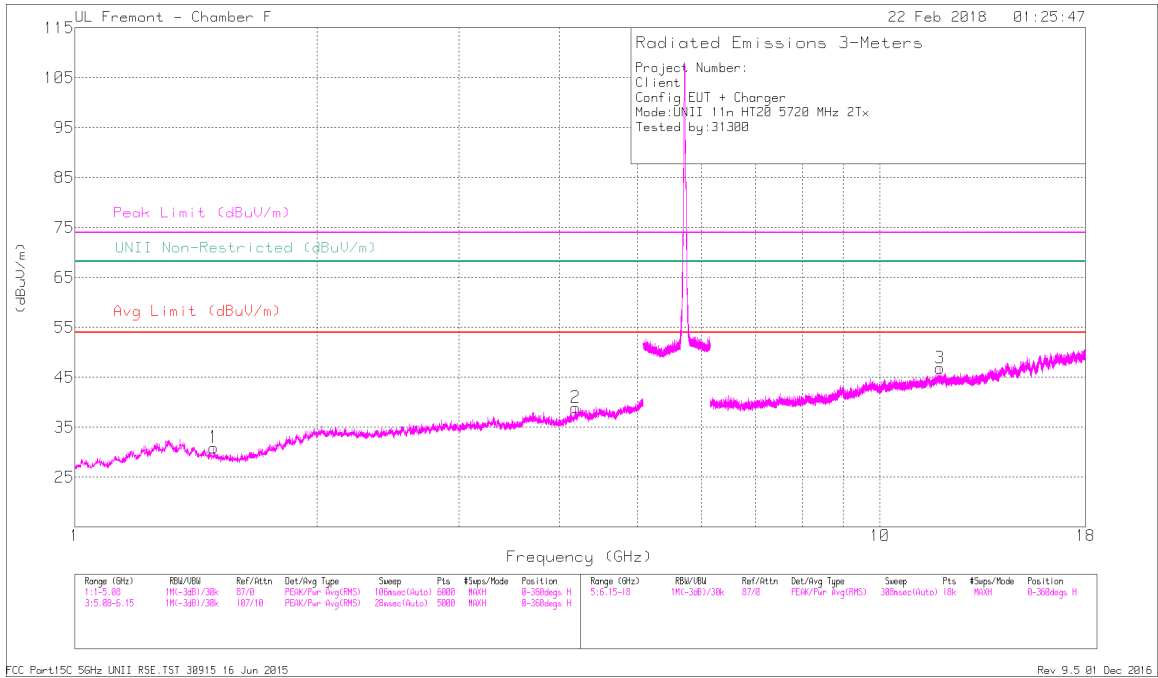
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.978	40.51	PK-U	32.1	-30.5	42.11	-	-	-	-	68.2	-26.09	266	240	H
2	3.268	40.51	PK-U	33.5	-29.5	44.51	-	-	-	-	68.2	-23.69	208	178	H
4	2.111	41	PK-U	32.2	-30.6	42.6	-	-	-	-	68.2	-25.6	168	108	V
3	* 11.399	35.89	PK-U	38.1	-21.8	52.19	-	-	74	-21.81	-	-	0	149	H
	* 11.405	23.69	ADR	38.2	-21.8	40.09	54	-13.91	-	-	-	-	0	149	H
5	* 8.362	35.83	PK-U	36	-23.7	48.13	-	-	74	-25.87	-	-	1	242	V
	* 8.369	24.68	ADR	36	-23.8	36.88	54	-17.12	-	-	-	-	1	242	V
6	* 11.08	35.59	PK-U	38.1	-21.7	51.99	-	-	74	-22.01	-	-	0	111	V
	* 11.076	23.42	ADR	38.1	-21.6	39.92	54	-14.08	-	-	-	-	0	111	V

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

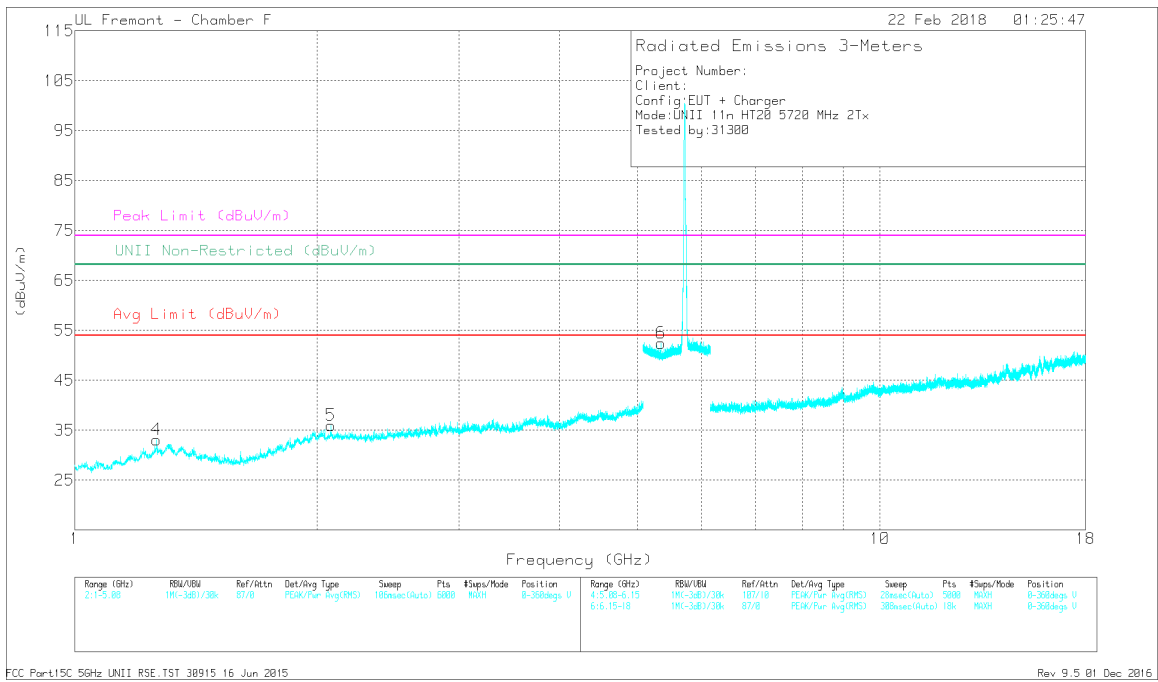
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	* 1.491	40.65	PK-U	27.8	-31.4	37.05	-	-	74	-36.95	-	-	1	400	H
	* 1.492	28.91	ADR	27.8	-31.4	25.31	54	-28.69	-	-	-	-	1	400	H
2	* 4.181	40.18	PK-U	33.5	-28.6	45.08	-	-	74	-28.92	-	-	77	104	H
	* 4.181	27.74	ADR	33.5	-28.6	32.64	54	-21.36	-	-	-	-	77	104	H
4	* 1.266	41.69	PK-U	29.7	-31.6	39.79	-	-	74	-34.21	-	-	63	199	V
	* 1.262	29.18	ADR	29.6	-31.6	27.18	54	-26.82	-	-	-	-	63	199	V
5	2.082	40.48	PK-U	32.3	-30.6	42.18	-	-	-	-	68.2	-26.02	225	400	V
6	* 5.361	41.47	PK-U	34.7	-18.2	57.97	-	-	74	-16.03	-	-	313	144	V
	* 5.458	30.07	ADR	34.8	-18.3	46.57	54	-7.43	-	-	-	-	313	144	V
3	* 11.877	35.45	PK-U	38.9	-21.7	52.65	-	-	74	-21.35	-	-	0	115	H
	* 11.879	23.78	ADR	38.9	-21.8	40.88	54	-13.12	-	-	-	-	0	115	H

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

PK-U - U-NII: Maximum Peak

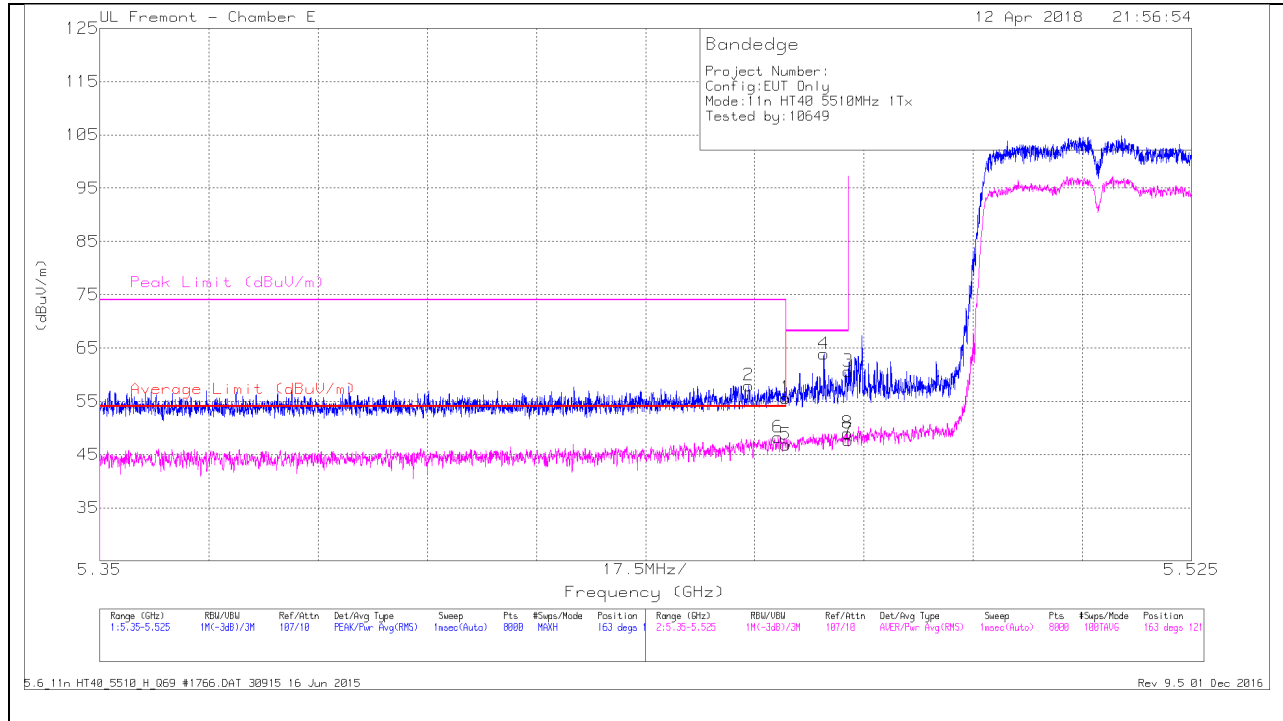
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb I/Filtr/P ad (dB)	DC Corr (dB)	Correct ed Reading (dBuV/ m)	Average Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.454	42.76	Pk	35.1	-19.9	0	57.96	-	-	74	-16.04	163	121	H
6	* 5.459	33.04	RMS	35.1	-19.9	.09	48.33	54	-5.67	-	-	163	121	H
1	* 5.46	40.43	Pk	35.1	-19.9	0	55.63	-	-	74	-18.37	163	121	H
5	* 5.46	31.66	RMS	35.1	-19.9	.09	46.95	54	-7.05	-	-	163	121	H
4	5.466	48.66	Pk	35.1	-19.9	0	63.86	-	-	68.2	-4.34	163	121	H
3	5.47	45.32	Pk	35.1	-19.8	0	60.62	-	-	68.2	-7.58	163	121	H
7	5.47	32.38	RMS	35.1	-19.8	.09	47.77	-	-	-	-	163	121	H
8	5.47	33.71	RMS	35.1	-19.8	.09	49.1	-	-	-	-	163	121	H

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

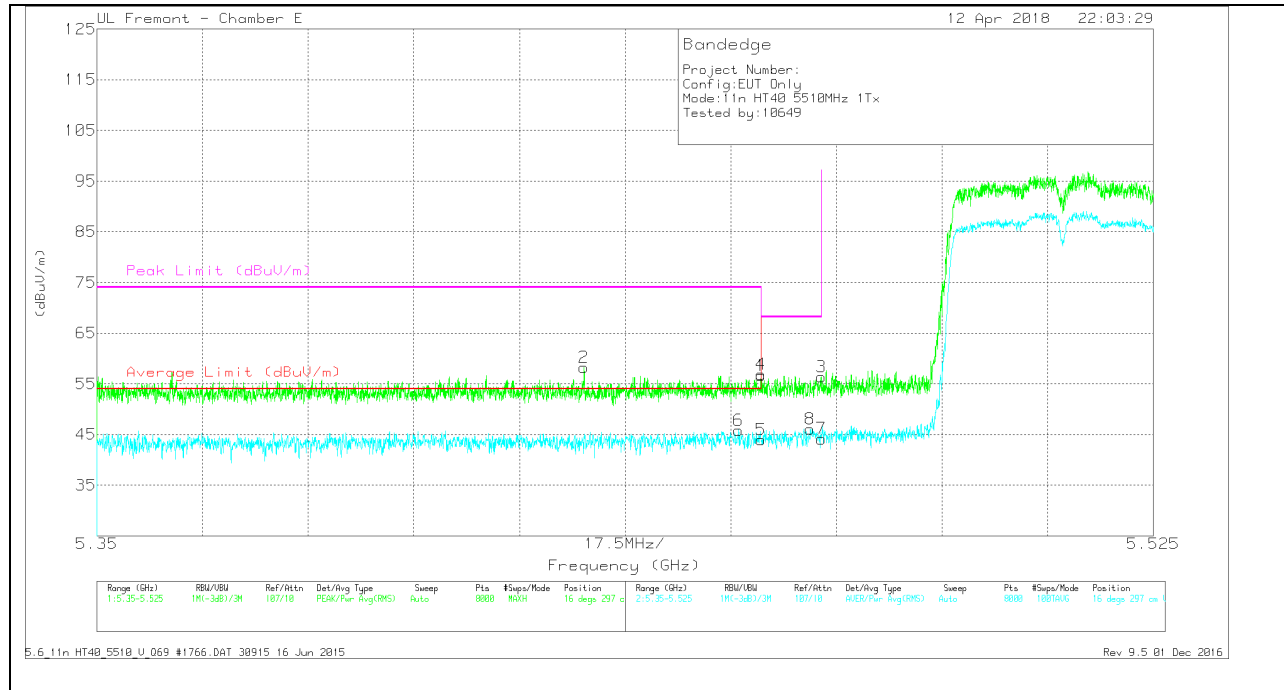
Pk - Peak detector

RMS - RMS detection

5.6_11n HT40_5510_H_Q69 #1766.DAT 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.47	Pk	35.1	-19.9	0	56.67	-	-	74	-17.33	16	297	V
2	* 5.431	43.15	Pk	35.1	-20	0	58.25	-	-	74	-15.75	16	297	V
5	* 5.46	28.75	RMS	35.1	-19.9	.09	44.04	54	-9.96	-	-	16	297	V
6	* 5.456	30.62	RMS	35.1	-19.9	.09	45.91	54	-8.09	-	-	16	297	V
4	5.46	41.72	Pk	35.1	-19.9	0	56.92	-	-	68.2	-11.28	16	297	V
8	5.468	30.84	RMS	35.1	-19.9	.09	46.13	-	-	-	-	16	297	V
3	5.47	41.13	Pk	35.1	-19.8	0	56.43	-	-	68.2	-11.77	16	297	V
7	5.47	28.85	RMS	35.1	-19.8	.09	44.24	-	-	-	-	16	297	V

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

Pk - Peak detector

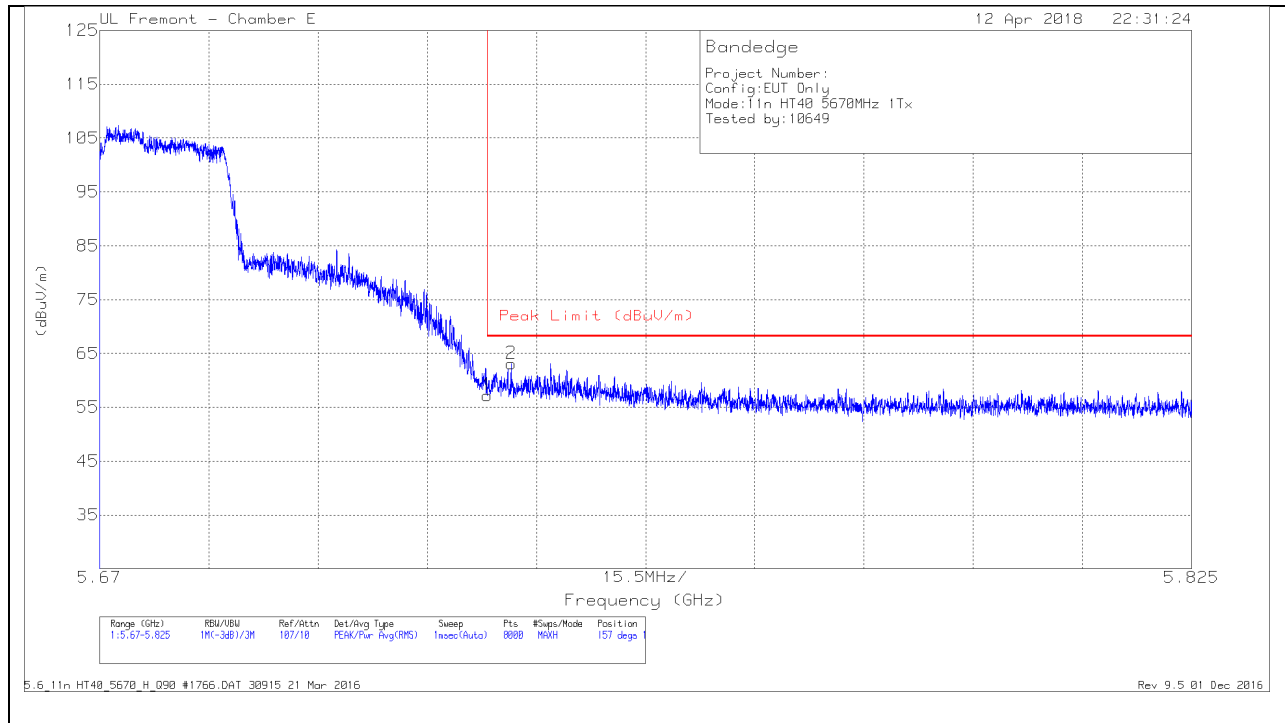
RMS - RMS detection

5.6_11n HT40_5510_V_Q69 #1766.DAT 30915 16 Jun 2015

Rev 9.5 01 Dec 2016

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



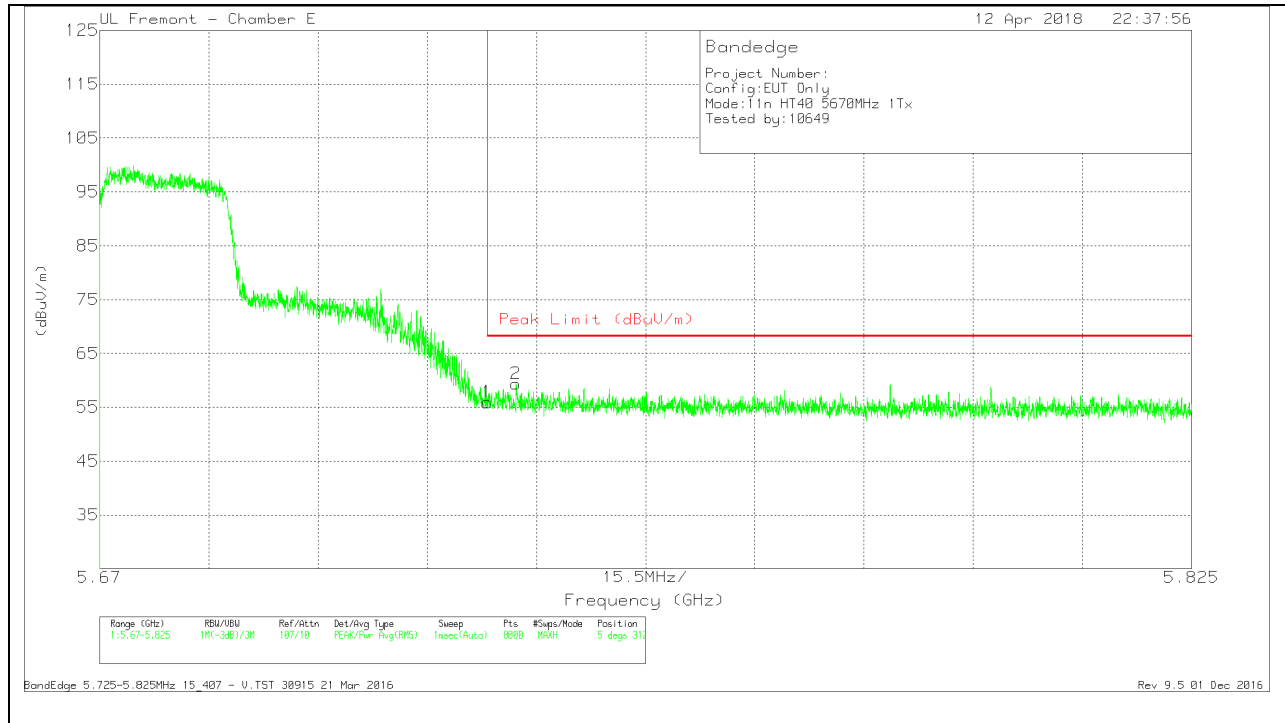
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.54	Pk	35.1	-19.4	57.24	68.2	-10.96	157	117	H
2	5.728	47.43	Pk	35.1	-19.4	63.13	68.2	-5.07	157	117	H

Pk - Peak detector

5.6_11n HT40_5670_H_Q90 #1766.DAT 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

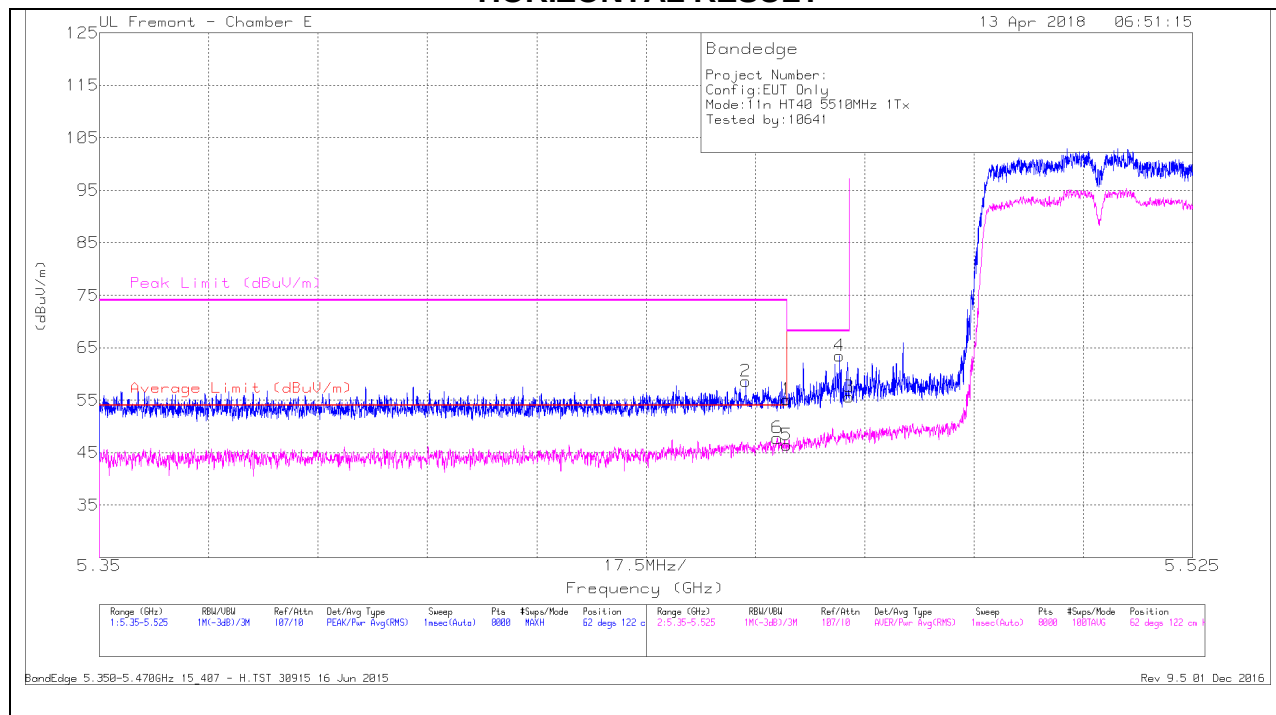


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.22	Pk	35.1	-19.4	55.92	68.2	-12.28	5	312	V
2	5.729	43.63	Pk	35.1	-19.4	59.33	68.2	-8.87	5	312	V

Pk - Peak detector

BandEdge 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5.01 Dec 2016

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

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb l/Fitr/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	* 5.453	43.46	Pk	35.1	-19.9	0	58.66	-	-	74	-15.34	62	122	H
6	* 5.459	32.46	RMS	35.1	-19.9	.09	47.75	54	-6.25	-	-	62	122	H
1	* 5.46	39.93	Pk	35.1	-19.9	0	55.13	-	-	74	-18.87	62	122	H
5	* 5.46	31.19	RMS	35.1	-19.9	.09	46.48	54	-7.52	-	-	62	122	H
4	5.468	48.16	Pk	35.1	-19.8	0	63.46	-	-	68.2	-4.74	62	122	H
3	5.47	40.3	Pk	35.1	-19.8	0	55.6	-	-	68.2	-12.6	62	122	H

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

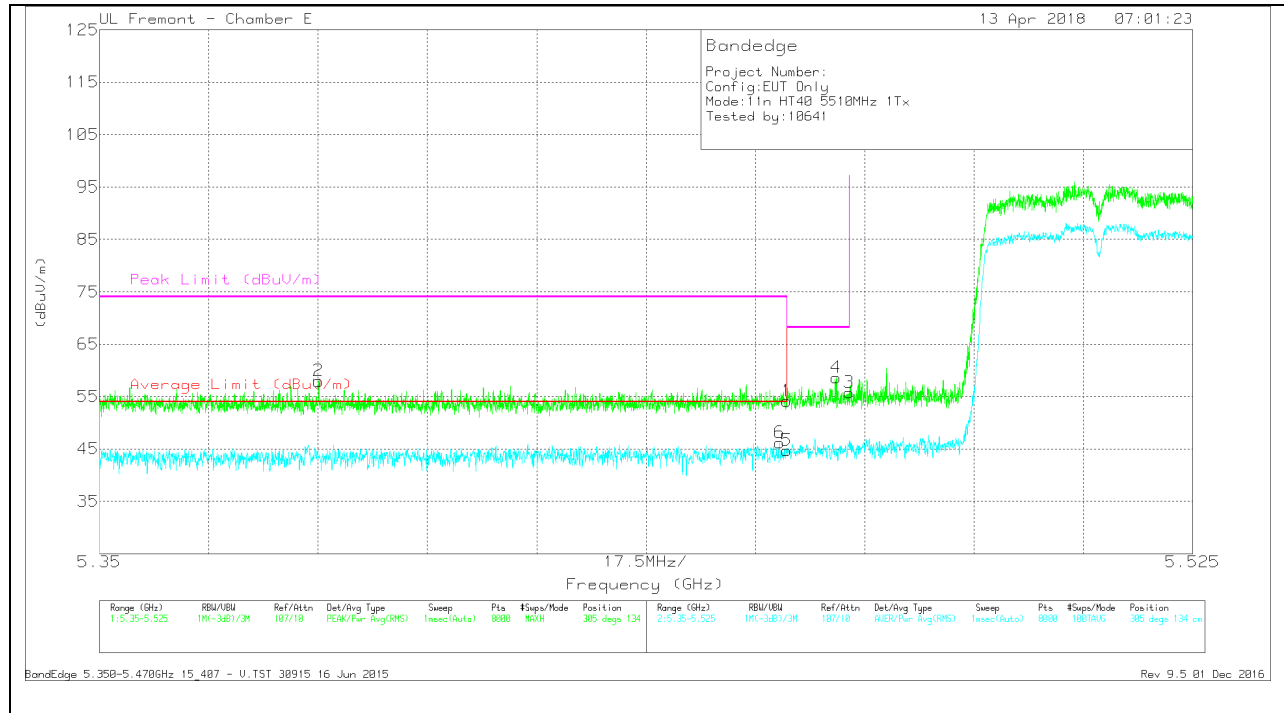
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb l/Filtr/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	* 5.385	42.83	Pk	35	-19.9	0	57.93	-	-	74	-16.07	305	134	V
6	* 5.459	30.89	RMS	35.1	-19.9	.09	46.18	54	-7.82	-	-	305	134	V
1	* 5.46	38.92	Pk	35.1	-19.9	0	54.12	-	-	74	-19.88	305	134	V
5	* 5.46	29.42	RMS	35.1	-19.9	.09	44.71	54	-9.29	-	-	305	134	V
4	5.468	43.45	Pk	35.1	-19.9	0	58.65	-	-	68.2	-9.55	305	134	V
3	5.47	40.47	Pk	35.1	-19.8	0	55.77	-	-	68.2	-12.43	305	134	V

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

Pk - Peak detector

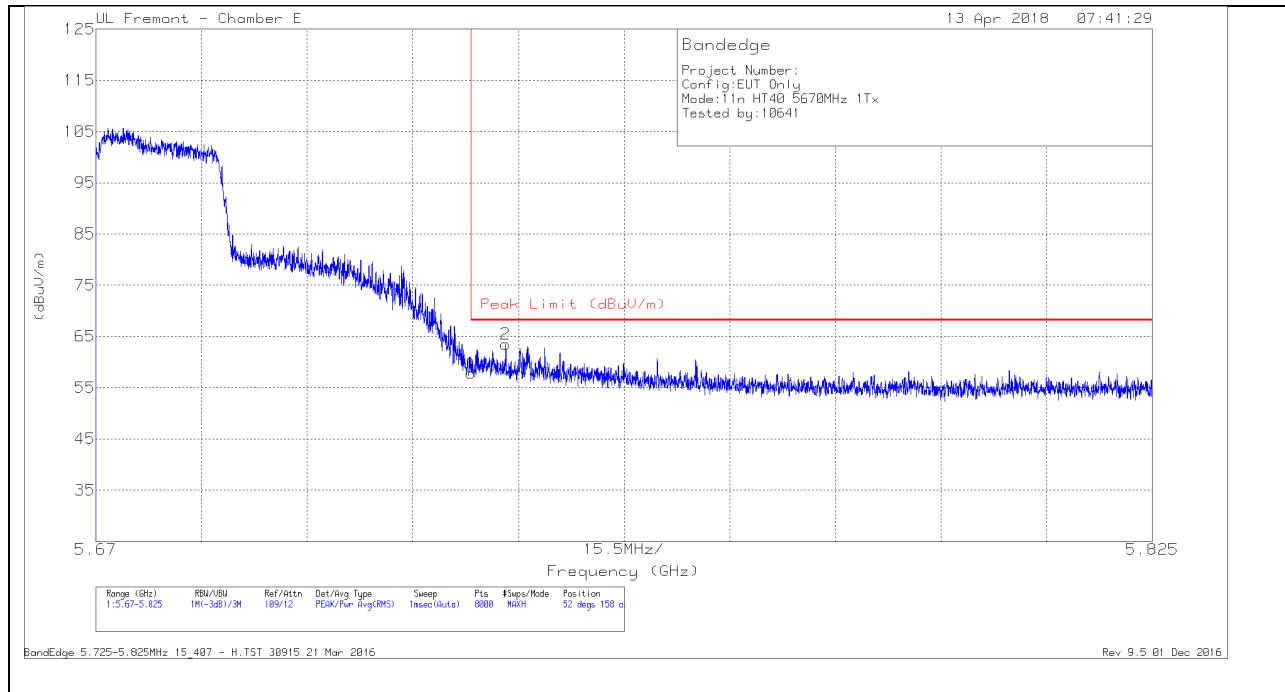
RMS - RMS detection

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

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



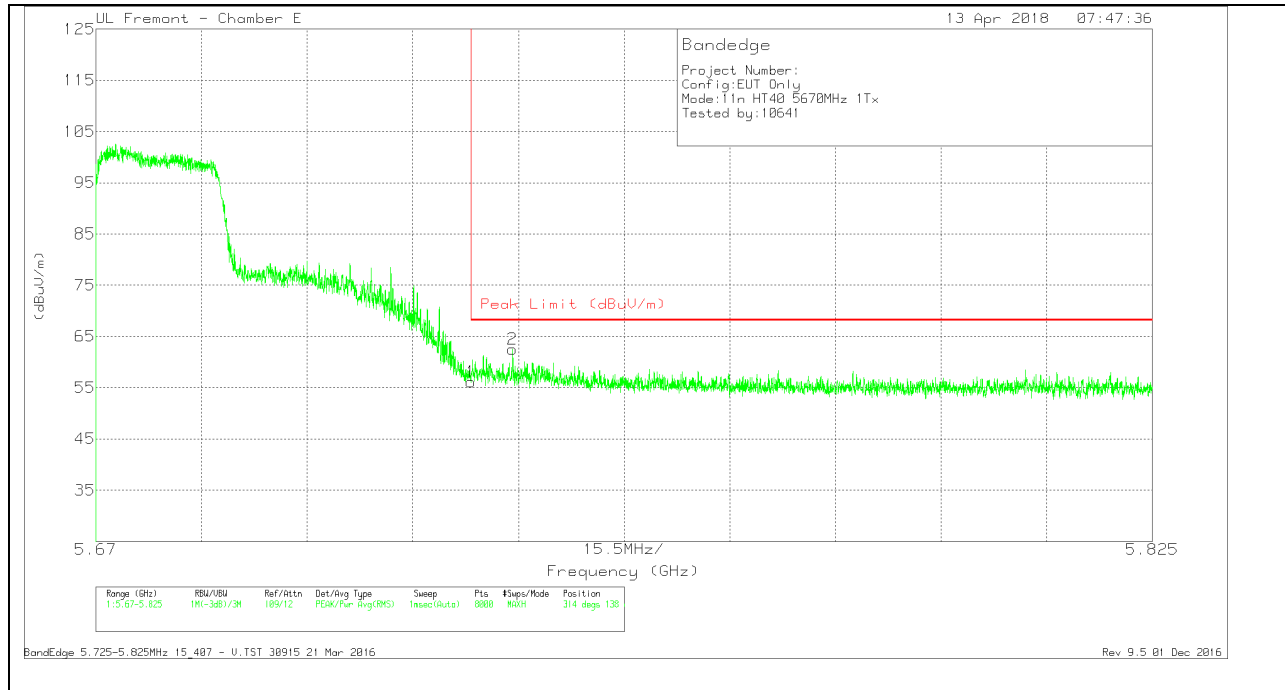
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.97	Pk	35.1	-19.2	57.87	68.2	-10.33	52	158	H
2	5.73	47.59	Pk	35.1	-19.2	63.49	68.2	-4.71	52	158	H

Pk - Peak detector

BandEdge 5.725-5.825MHz 15_407 - H.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

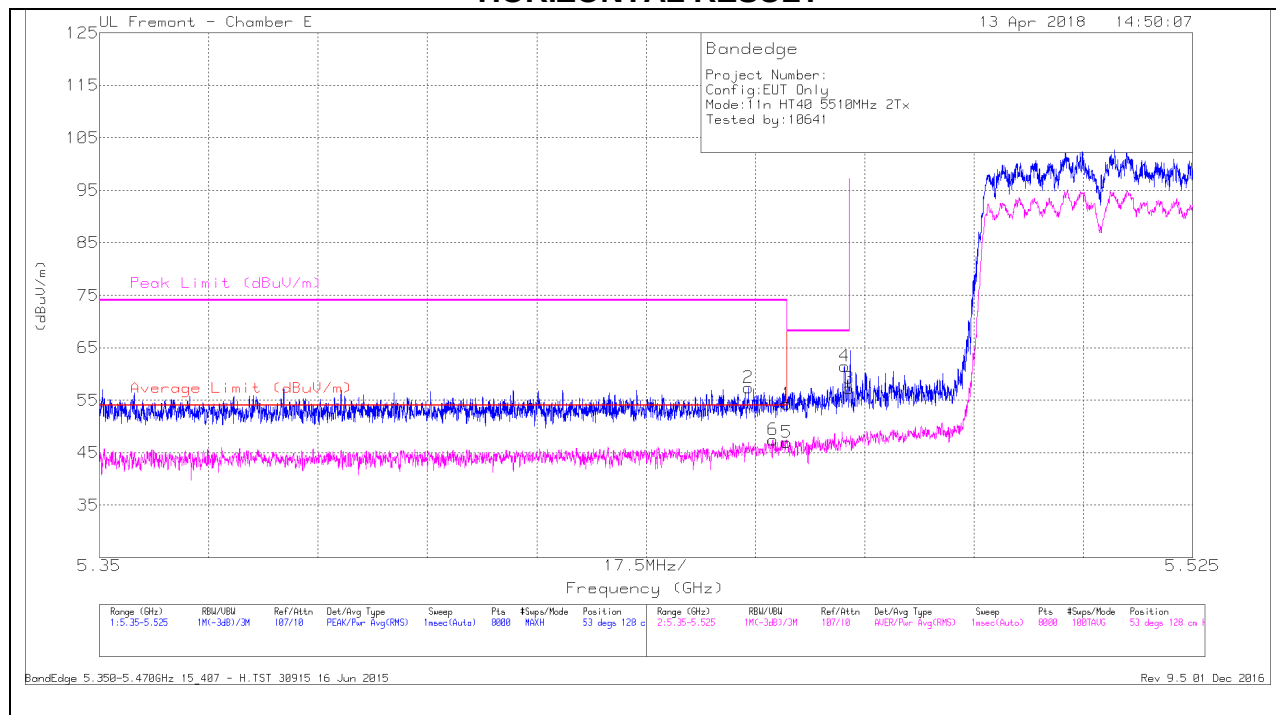
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cbl/FI tr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.26	Pk	35.1	-19.2	56.16	68.2	-12.04	314	138	V
2	5.731	46.65	Pk	35.1	-19.2	62.55	68.2	-5.65	314	138	V

Pk - Peak detector

BandEdge 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016
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2TX Antenna 6 + Antenna 5 CDD MODE**BANDEGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT346 (dB/m)	Amp/Cb l/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.454	42.14	Pk	35.1	-19.9	0	57.34	-	-	74	-16.66	53	128	H
6	* 5.458	32.1	RMS	35.1	-19.9	.09	47.39	54	-6.61	-	-	53	128	H
1	* 5.46	39.11	Pk	35.1	-19.9	0	54.31	-	-	74	-19.69	53	128	H
5	* 5.46	31.65	RMS	35.1	-19.9	.09	46.94	54	-7.06	-	-	53	128	H
4	5.469	46.19	Pk	35.1	-19.8	0	61.49	-	-	68.2	-6.71	53	128	H
3	5.47	41.94	Pk	35.1	-19.8	0	57.24	-	-	68.2	-10.96	53	128	H

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

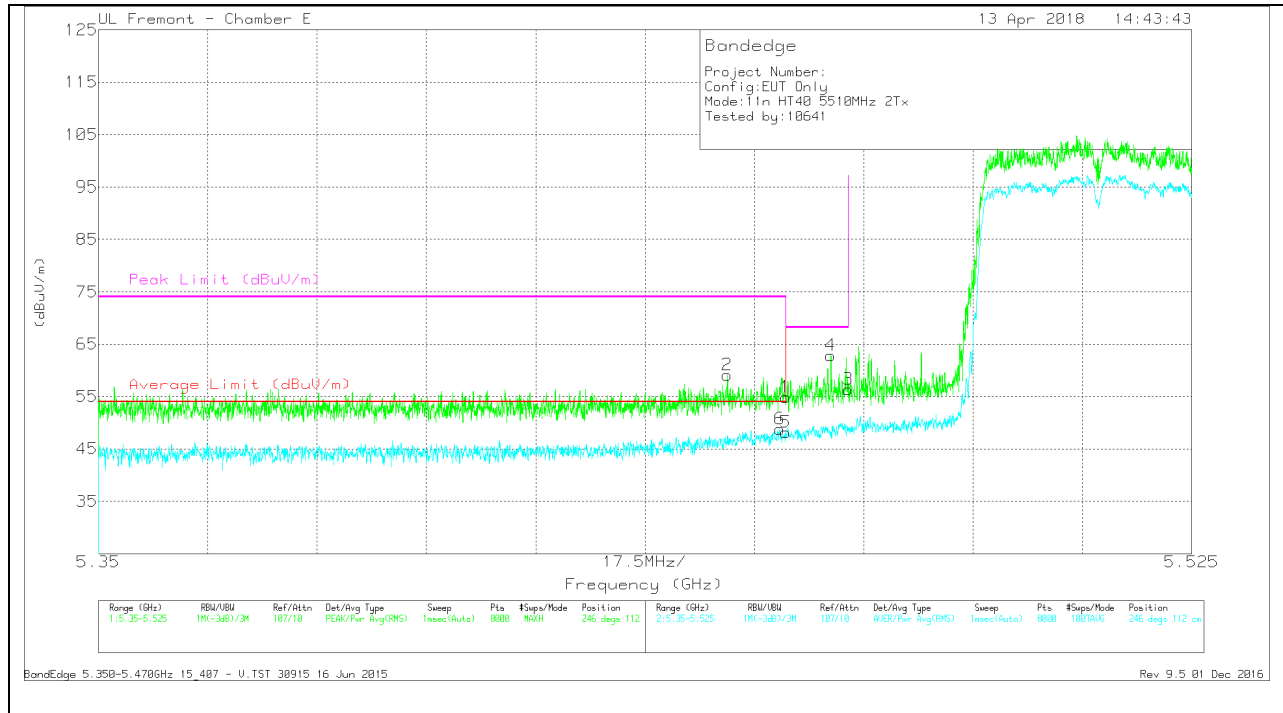
Pk - Peak detector

RMS - RMS detection

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

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb l/Fitr/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	* 5.451	43.92	Pk	35.1	-19.9	0	59.12	-	-	74	-14.88	246	112	V
6	* 5.459	33.52	RMS	35.1	-19.9	.09	48.81	54	-5.19	-	-	246	112	V
1	* 5.46	39.69	Pk	35.1	-19.9	0	54.89	-	-	74	-19.11	246	112	V
5	* 5.46	32.93	RMS	35.1	-19.9	.09	48.22	54	-5.78	-	-	246	112	V
4	5.467	47.6	Pk	35.1	-19.9	0	62.8	-	-	68.2	-5.4	246	112	V
3	5.47	41.07	Pk	35.1	-19.8	0	56.37	-	-	68.2	-11.83	246	112	V

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

Pk - Peak detector

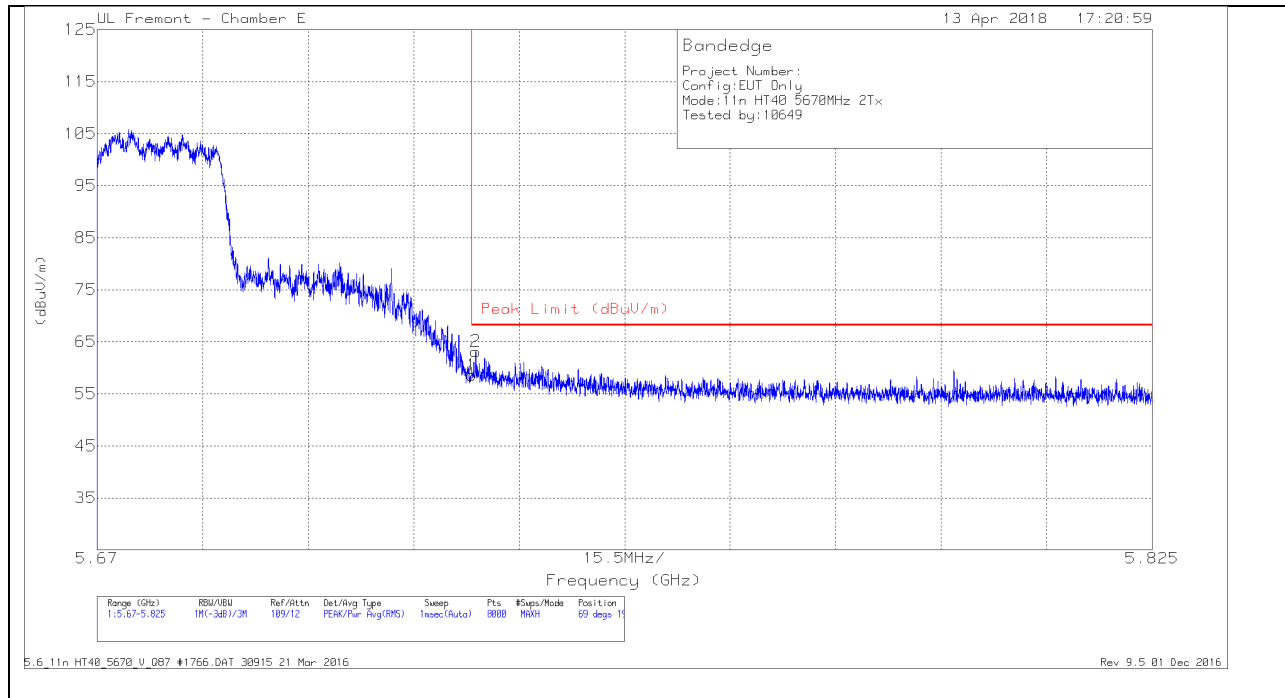
RMS - RMS detection

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

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

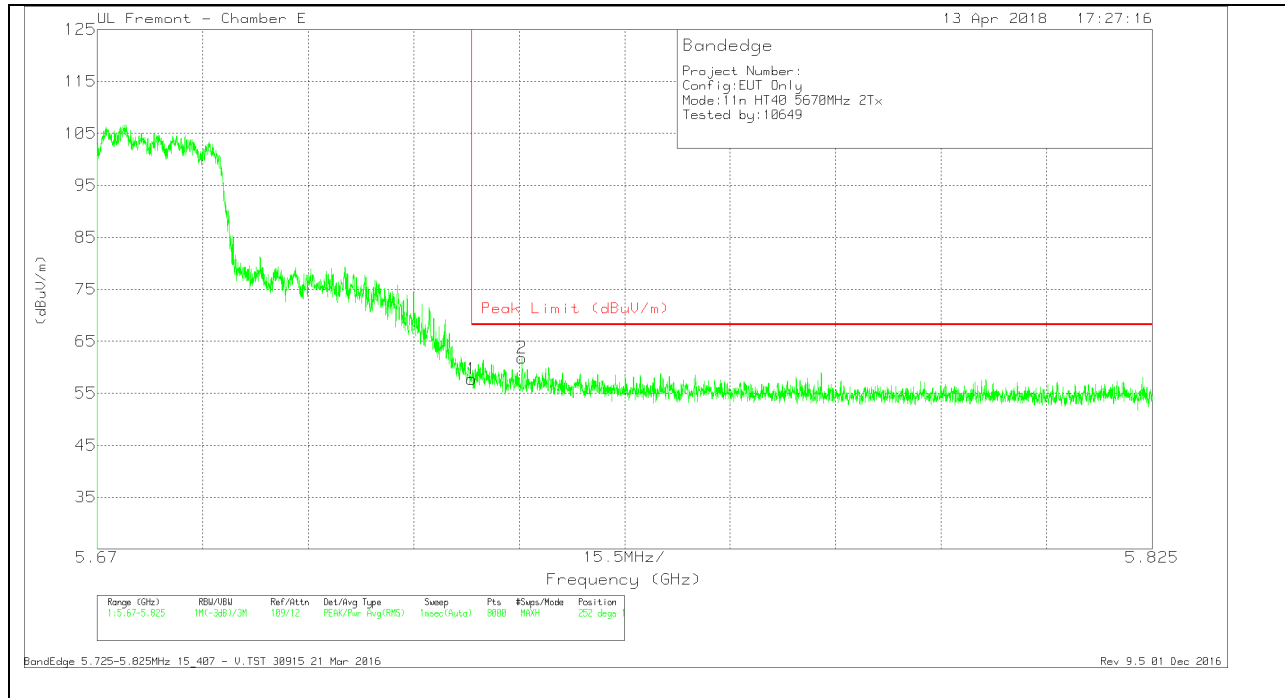


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cb/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.69	Pk	35.1	-19.2	58.59	68.2	-9.61	69	192	H
2	5.726	47.23	Pk	35.1	-19.2	63.13	68.2	-5.07	69	192	H

Pk - Peak detector

5.6_11n HT40_5670_V_Q87 #1766.DAT 30915 21 Mar 2016
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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/F ltr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.84	Pk	35.1	-19.2	57.74	68.2	-10.46	252	106	V
2	5.732	45.89	Pk	35.1	-19.2	61.79	68.2	-6.41	252	106	V

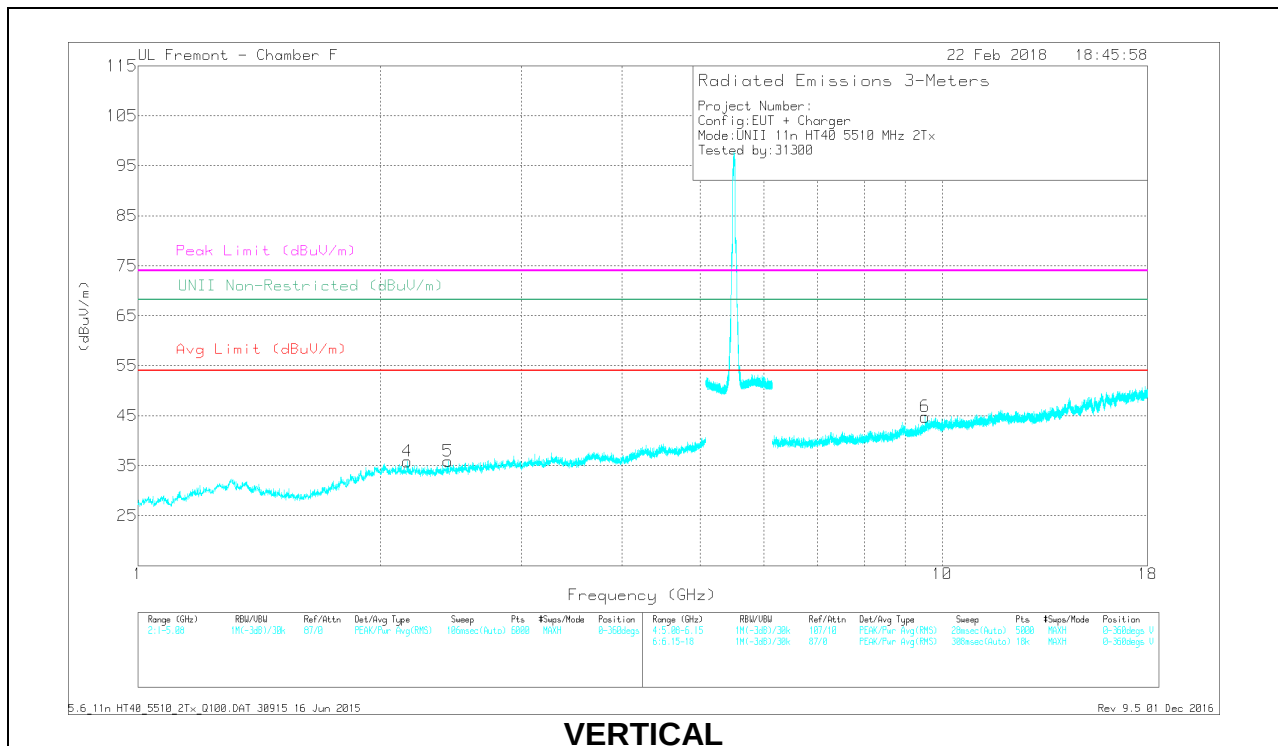
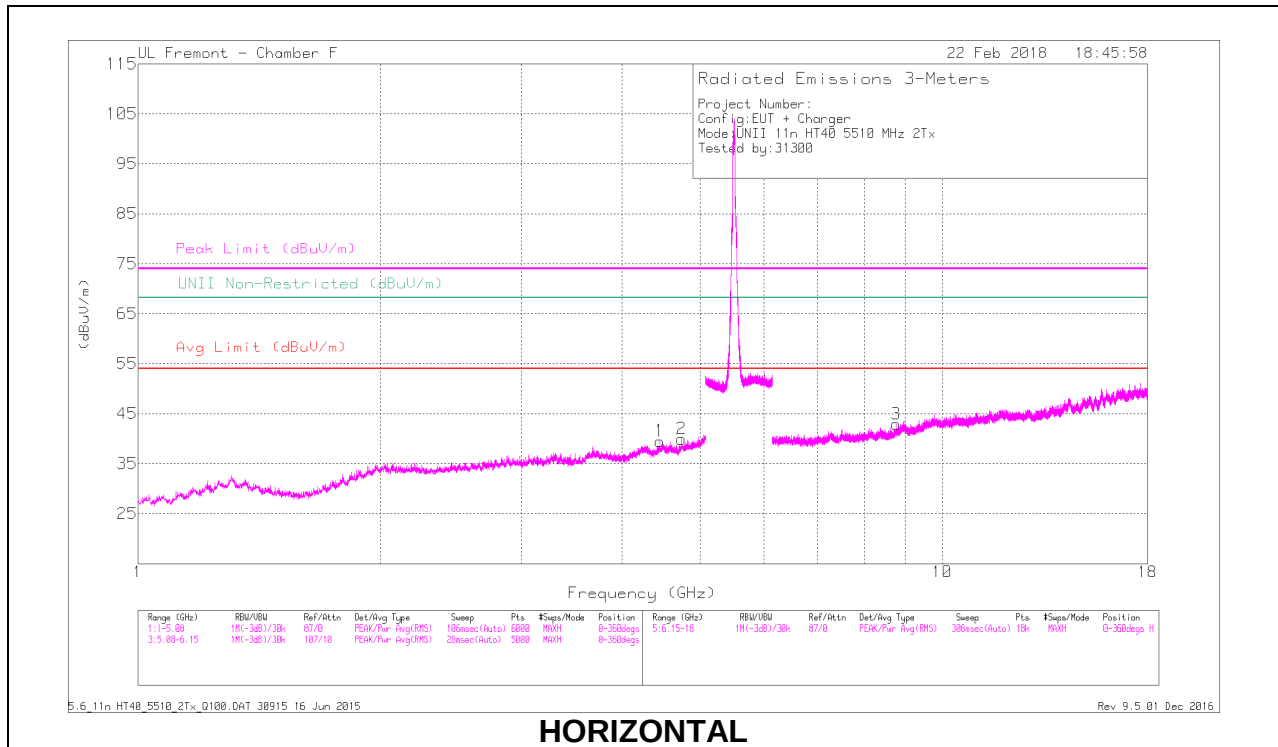
Pk - Peak detector

BandEdge 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

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HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

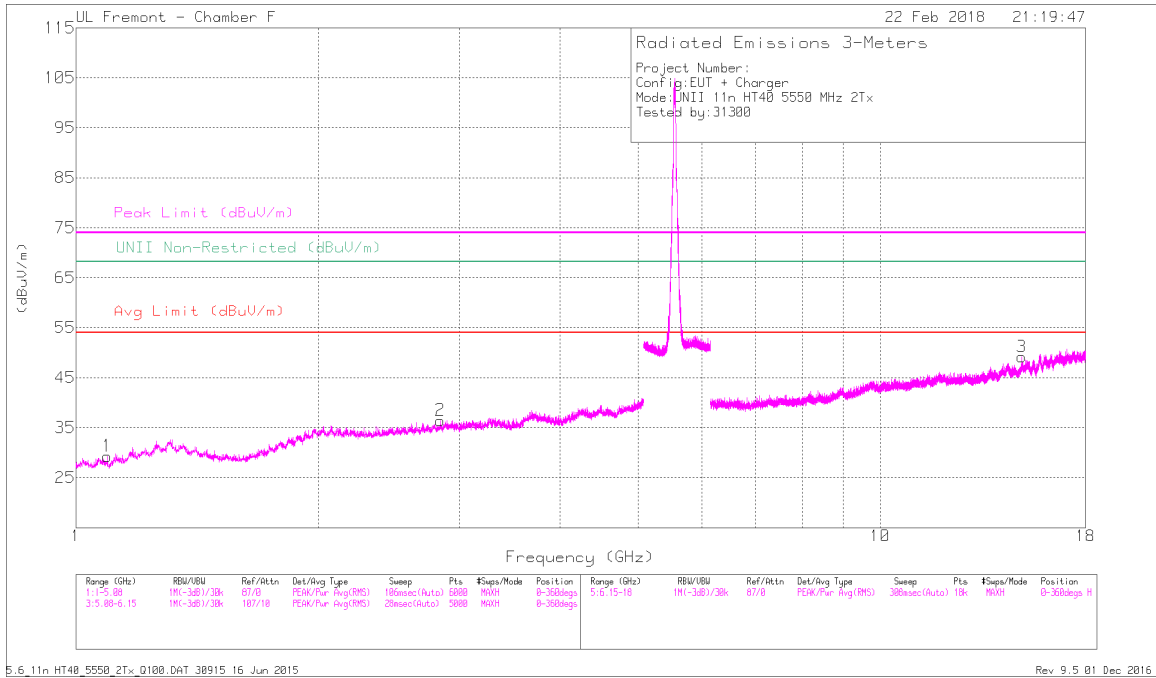
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degrees)	Height (cm)	Polarity
1	4.46	38.07	PK-U	34	-26.9	0	45.17	-	-	-	-	68.2	-23.03	243	306	H
2	* 4.742	39.78	PK-U	34.1	-27.2	0	46.68	-	-	74	-27.32	-	-	351	148	H
	* 4.741	27.78	ADR	34.1	-27.2	.09	34.77	54	-19.23	-	-	-	-	351	148	H
4	2.16	40.46	PK-U	32.1	-30.6	0	41.96	-	-	-	-	68.2	-26.24	114	100	V
5	2.43	40.03	PK-U	32	-30.3	0	41.73	-	-	-	-	68.2	-26.47	251	226	V
3	8.76	35.87	PK-U	36.3	-23.1	0	49.07	-	-	-	-	68.2	-19.13	73	297	H
6	9.521	35.13	PK-U	37	-21	0	51.13	-	-	-	-	68.2	-17.07	319	174	V

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

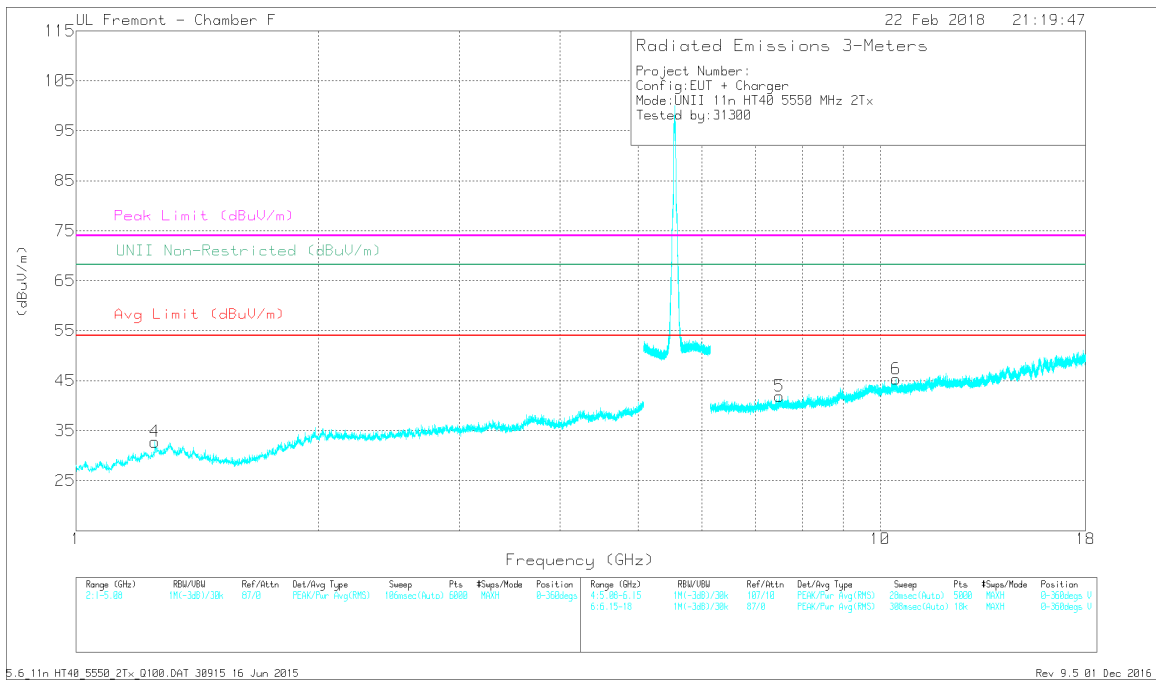
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



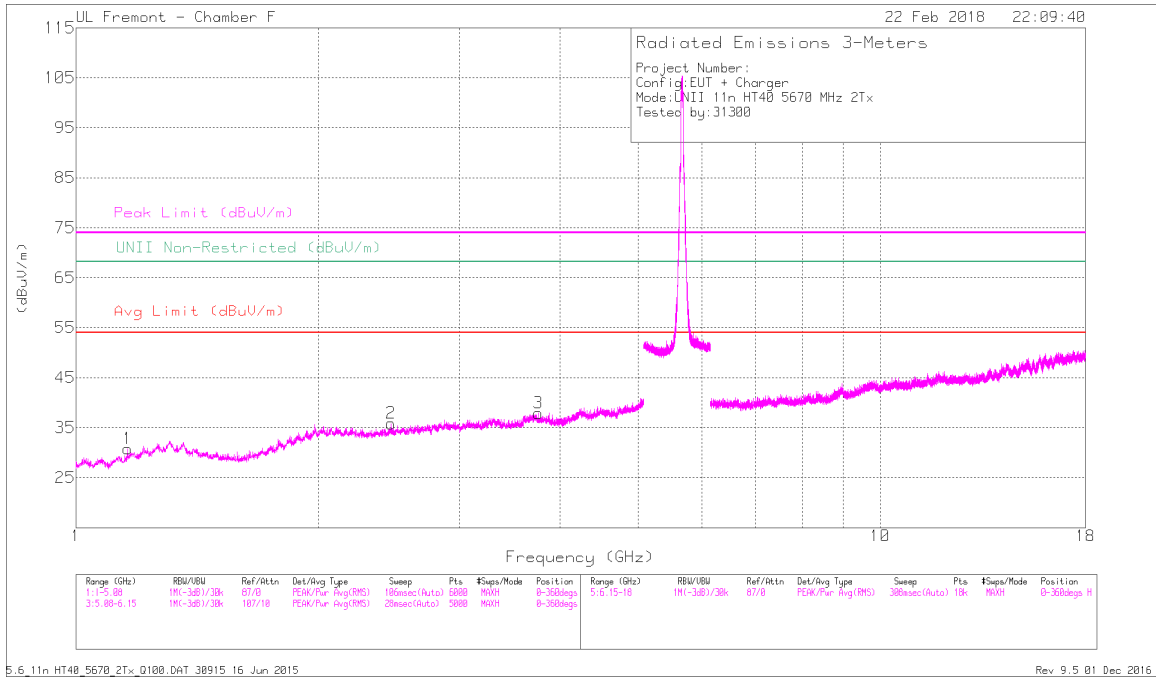
VERTICAL

RADIATED EMISSIONS

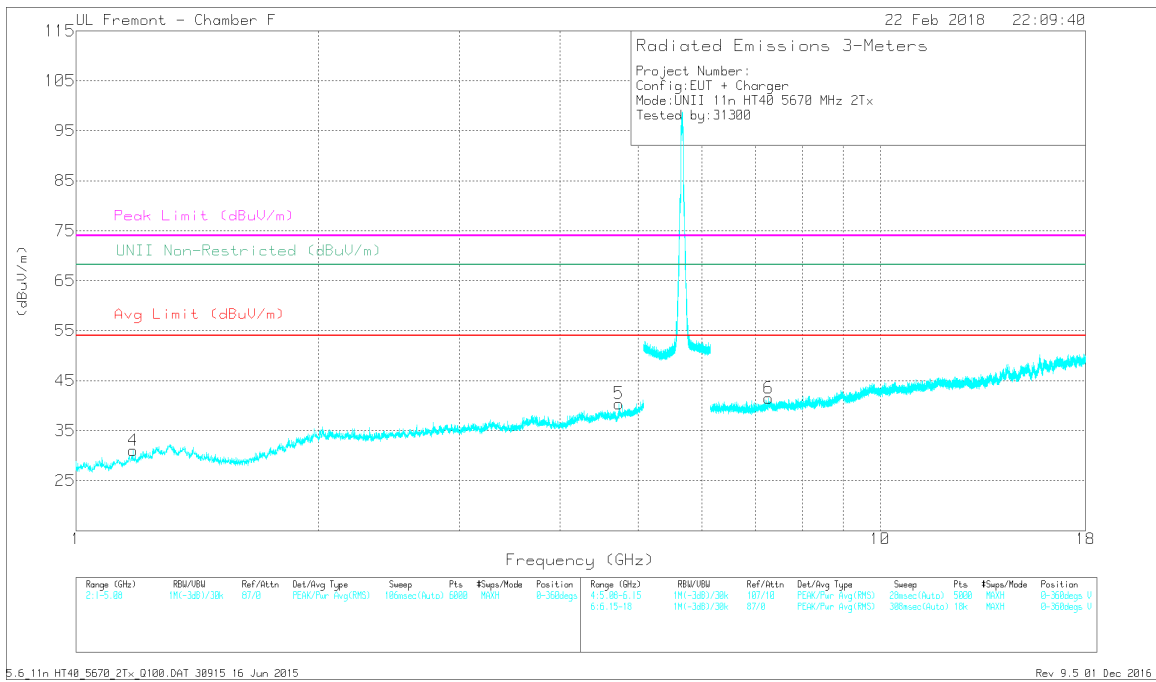
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.092	40.36	PK-U	26.8	-32	0	35.16	-	-	74	-38.84	-	-	271	129	H
	* 1.091	28.78	ADR	26.8	-32	.09	23.67	54	-30.33	-	-	-	-	271	129	H
2	* 2.841	39.56	PK-U	32.8	-29.4	0	42.96	-	-	74	-31.04	-	-	248	202	H
	* 2.835	28	ADR	32.8	-29.5	.09	31.39	54	-22.61	-	-	-	-	248	202	H
4	* 1.257	41.74	PK-U	29.6	-31.7	0	39.64	-	-	74	-34.36	-	-	306	198	V
	* 1.257	29.17	ADR	29.6	-31.7	.09	27.16	54	-26.84	-	-	-	-	306	198	V
3	14.985	36.68	PK-U	41.1	-22.6	0	55.18	-	-	-	-	68.2	-13.02	178	349	H
	14.987	24.69	ADR	41.1	-22.6	.09	43.28	-	-	-	-	-	-	178	349	H
5	* 7.495	37.24	PK-U	36.1	-24.7	0	48.64	-	-	74	-25.36	-	-	195	172	V
	* 7.495	25	ADR	36.1	-24.7	.09	36.49	54	-17.51	-	-	-	-	195	172	V
6	10.463	34.31	PK-U	37.7	-21.1	0	50.91	-	-	-	-	68.2	-17.29	184	385	V
	10.464	22.85	ADR	37.7	-21.1	.09	39.54	-	-	-	-	-	-	184	385	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



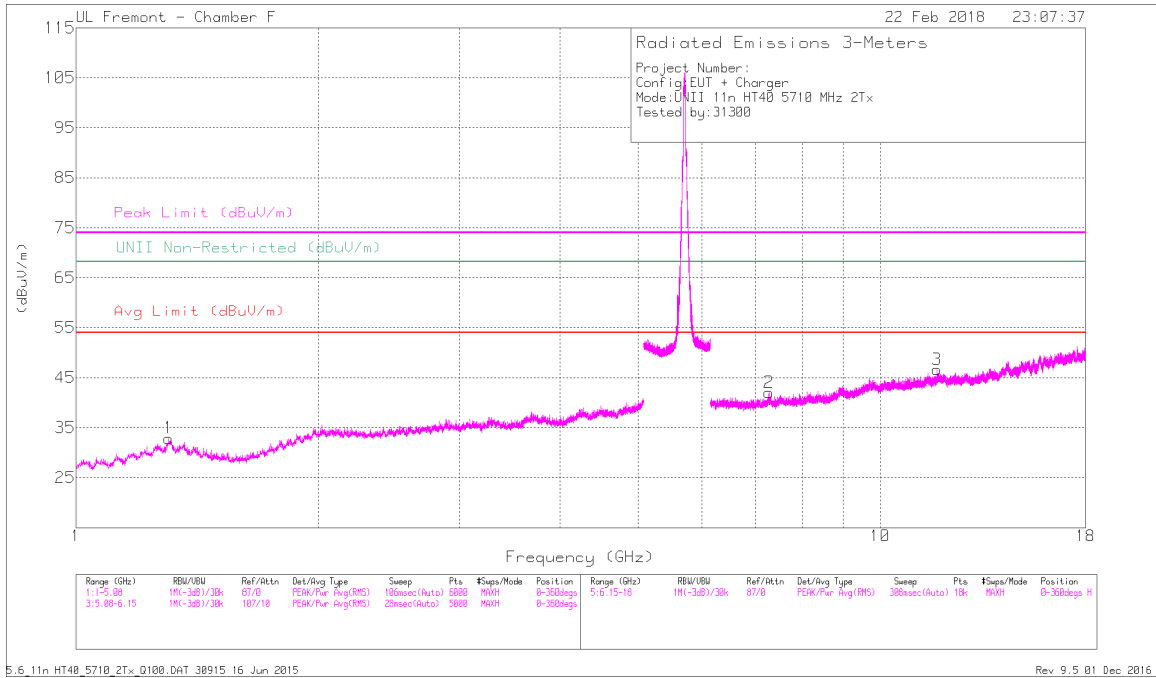
VERTICAL

RADIATED EMISSIONS

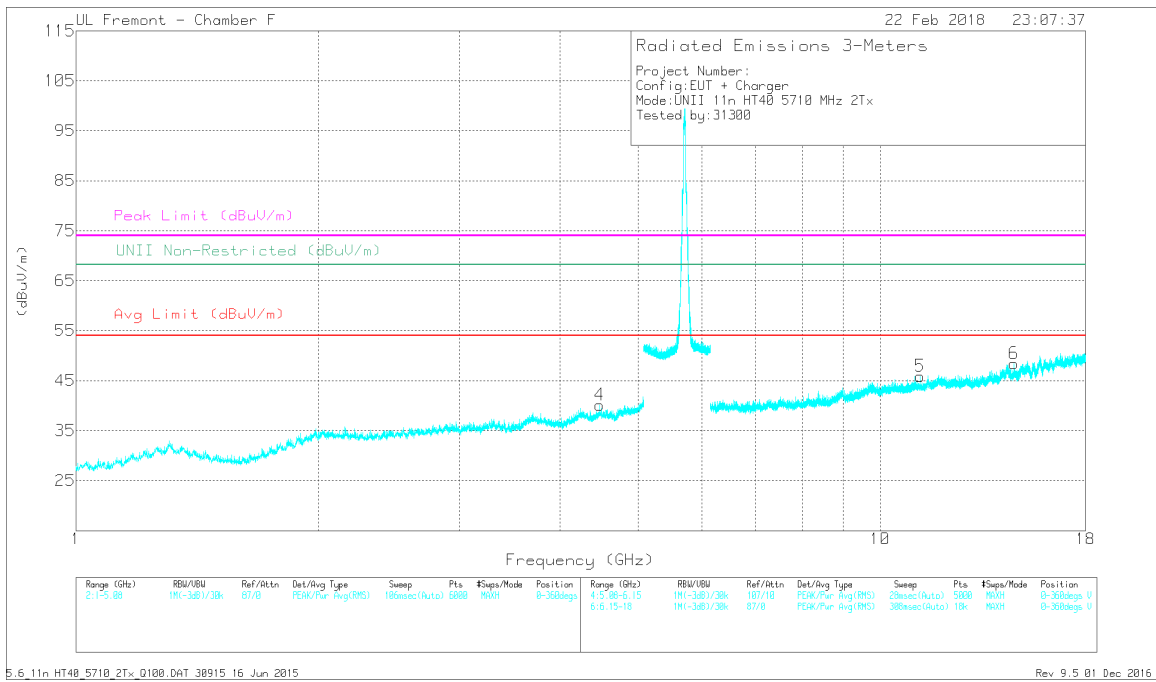
	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.162	40.61	PK-U	28.1	-31.9	0	36.81	-	-	74	-37.19	-	-	121	214	H
	* 1.162	28.92	ADR	28.1	-31.9	.09	25.21	54	-28.79	-	-	-	-	121	214	H
2	2.464	40.42	PK-U	32.1	-30.1	0	42.42	-	-	-	-	68.2	-25.78	261	179	H
3	* 3.756	39.08	PK-U	33.3	-29	0	43.38	-	-	74	-30.62	-	-	266	127	H
	* 3.759	27.59	ADR	33.3	-29	.09	31.98	54	-22.02	-	-	-	-	266	127	H
4	* 1.177	41.17	PK-U	28.4	-32	0	37.57	-	-	74	-36.43	-	-	145	350	V
	* 1.176	29.17	ADR	28.4	-32	.09	25.66	54	-28.34	-	-	-	-	145	350	V
5	* 4.732	39.1	PK-U	34.1	-27.3	0	45.9	-	-	74	-28.1	-	-	139	286	V
	* 4.733	27.36	ADR	34.1	-27.3	.09	34.25	54	-19.75	-	-	-	-	139	286	V
6	* 7.274	36.95	PK-U	35.9	-24.6	0	48.25	-	-	74	-25.75	-	-	240	123	V
	* 7.267	25.4	ADR	35.9	-24.6	.09	36.79	54	-17.21	-	-	-	-	240	123	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 142 RESULTS



HORIZONTAL



VERTICAL