



CERTIFICATION TEST REPORT

Report Number. : AA12607353-E4V2

Applicant : APPLE, INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A2215

FCC ID : BCG-E3307A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E

Date Of Issue:

August 14, 2019

Prepared by:

UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538 U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888



NVLAP Lab code: 200065-0

REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	8/10/2019	Initial Issue	
V2	8/14/2019	Addressed TCB question	Joe Vang

TABLE OF CONTENTS

REPORT REVISION HISTORY	2
TABLE OF CONTENTS	3
1. RADIATED TEST RESULTS.....	4
1.1. TRANSMITTER ABOVE 1 GHz.....	5
1.1.1. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND.....	5
1.1.2. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND.....	17
1.1.3. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.2 GHz BAND	27
1.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2 GHz BAND.....	35
1.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2 GHz BAND.....	59
1.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2 GHz BAND.....	79
1.1.7. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND.....	95
1.1.8. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND.....	107
1.1.9. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND	117
1.1.10. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND.....	125
1.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND.....	149
1.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.3 GHz BAND.....	169
1.1.13. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND.....	185
1.1.14. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND.....	205
1.1.15. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND	225
1.1.16. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.6 GHz BAND.....	237
1.1.17. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.6 GHz BAND.....	275
1.1.18. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.6 GHz BAND.....	313
1.1.19. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND.....	337
1.1.20. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND.....	355
1.1.21. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND	371
1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND.....	385
1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND.....	421
1.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8 GHz BAND.....	453
1.2. WORST CASE BELOW 1 GHz.....	481
1.3. WORST CASE 18-26 GHz.....	483
1.4. WORST CASE 26-40 GHz.....	485
2. AC POWER LINE CONDUCTED EMISSIONS	487
2.1.1. AC Power Line Host.....	488
2.1.2. AC Power Line Norm	490
3. SETUP PHOTOS.....	492

1. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

FCC §15.407(b)(1-3) -Un-Restricted bands

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
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.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

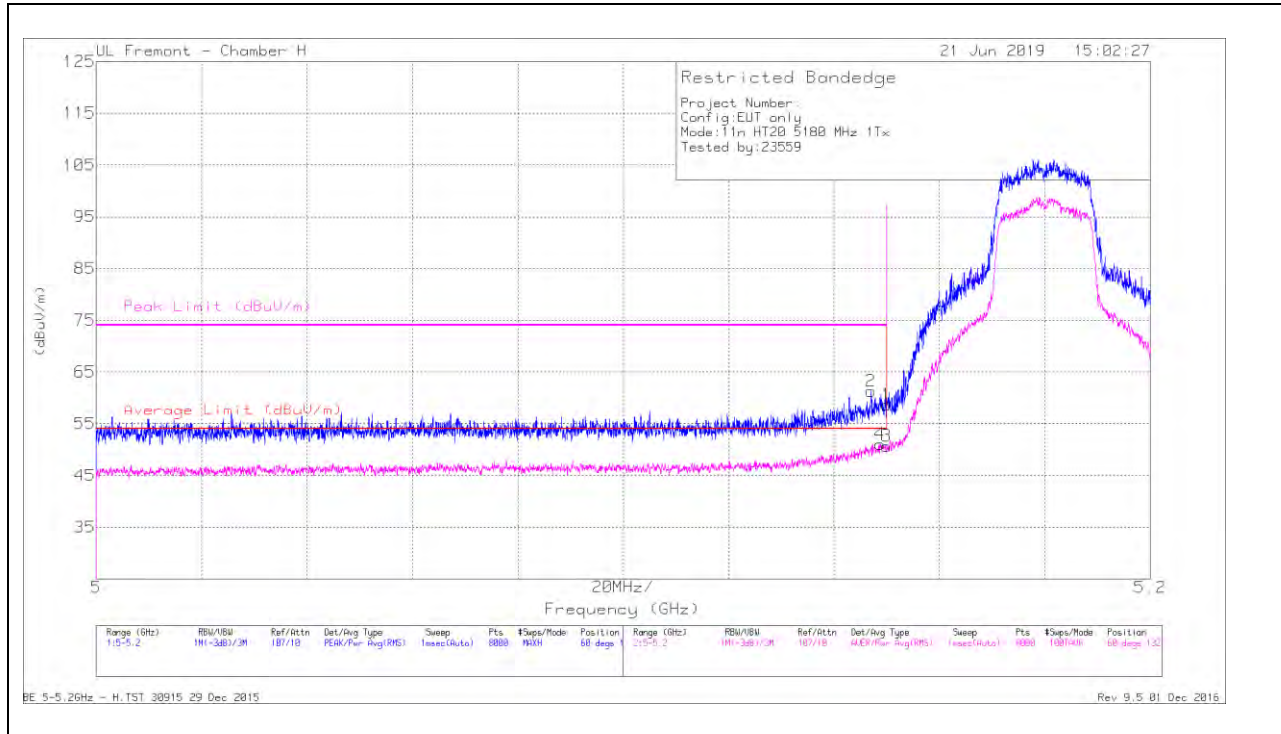
1.1. TRANSMITTER ABOVE 1 GHz

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



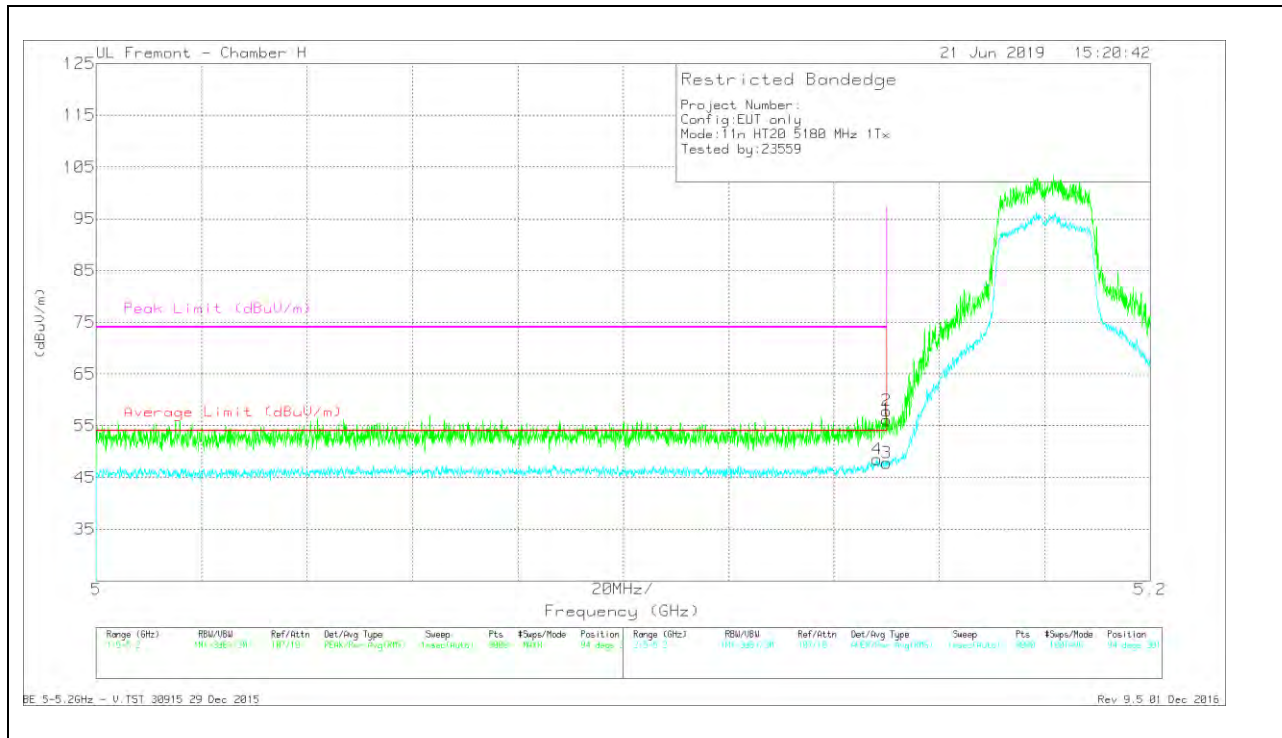
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.17	Pk	34.4	-20.9	58.67	-	-	74	-15.33	60	132	H
2	* 5.147	48.01	Pk	34.3	-21	61.31	-	-	74	-12.69	60	132	H
3	* 5.15	37.18	RMS	34.4	-20.9	50.68	54	-3.32	-	-	60	132	H
4	* 5.149	37.75	RMS	34.3	-21	51.05	54	-2.95	-	-	60	132	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	AFT863 (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	* 5.15	42.65	Pk	34.4	-20.9	56.15	-	-	74	-17.85	94	301	V
2	* 5.15	44.37	Pk	34.4	-20.9	57.87	-	-	74	-16.13	94	301	V
3	* 5.15	34.31	RMS	34.4	-20.9	47.81	54	-6.19	-	-	94	301	V
4	* 5.148	35.23	RMS	34.3	-21	48.53	54	-5.47	-	-	94	301	V

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

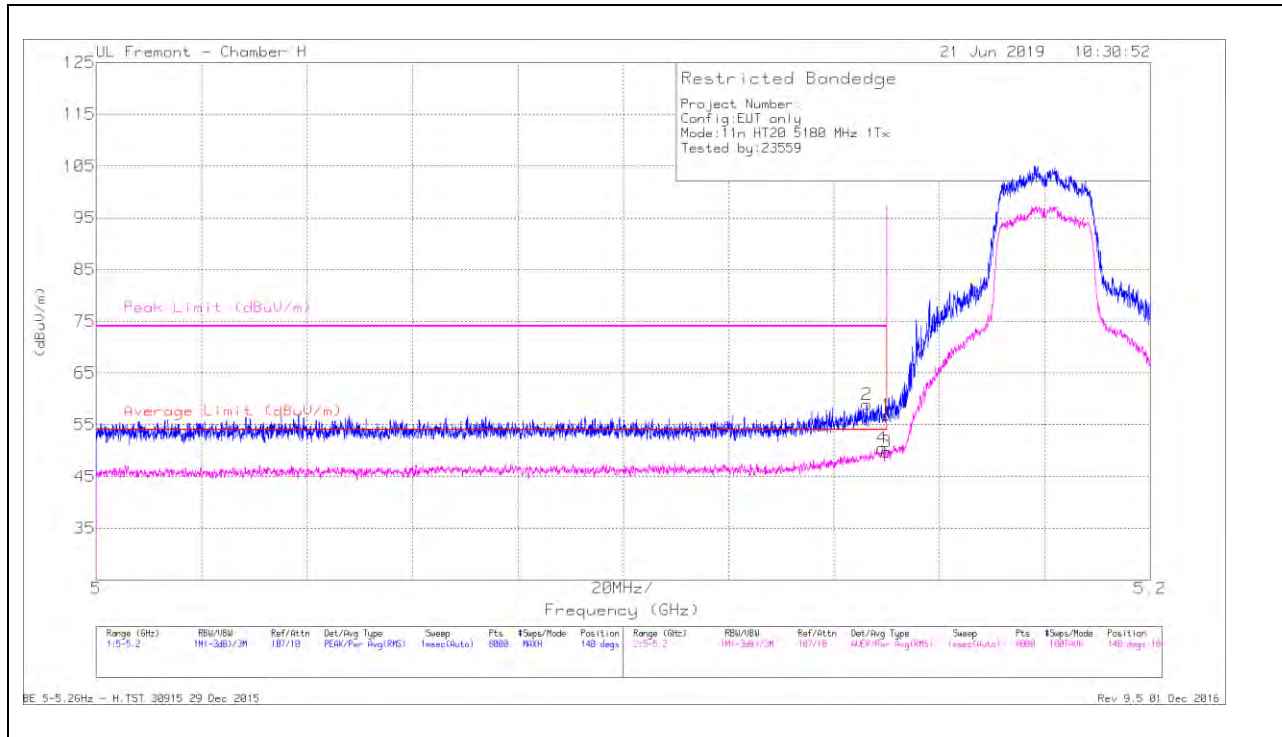
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



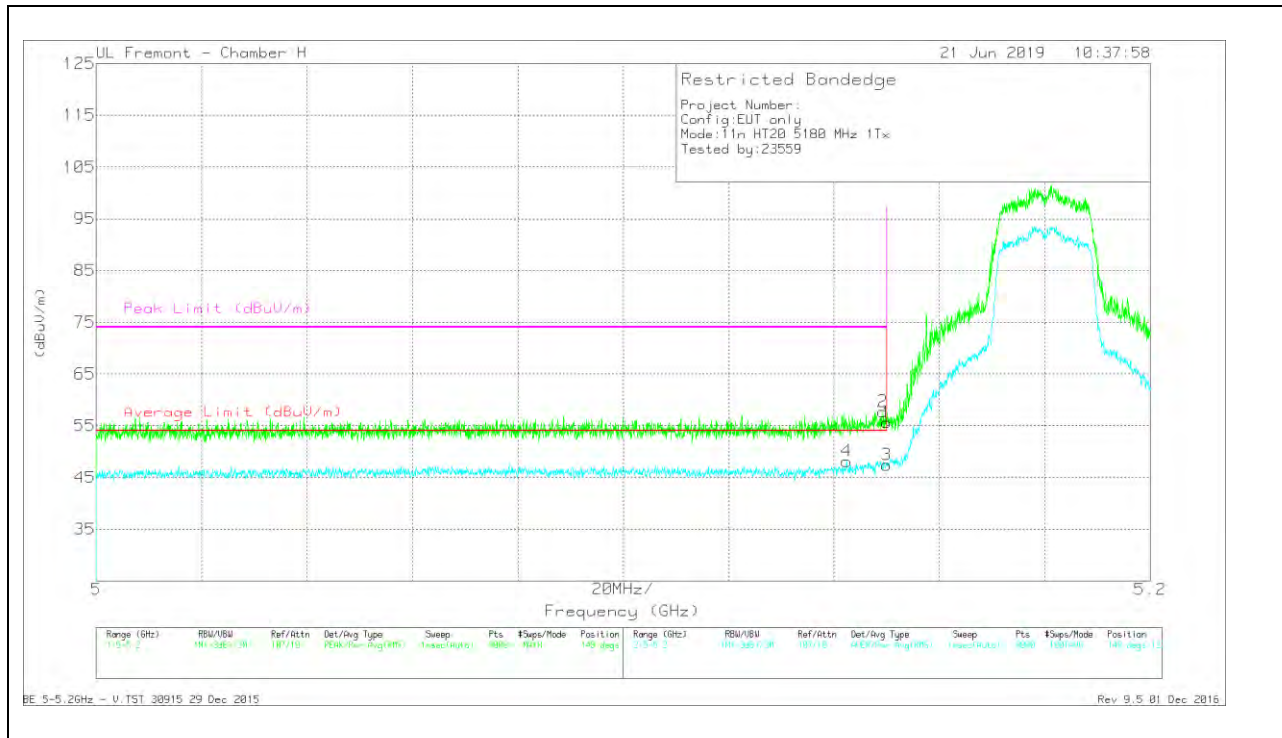
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.32	Pk	34.4	-20.9	56.82	-	-	74	-17.18	140	104	H
2	* 5.146	45.6	Pk	34.3	-21	58.9	-	-	74	-15.1	140	104	H
3	* 5.15	36.24	RMS	34.4	-20.9	49.74	54	-4.26	-	-	140	104	H
4	* 5.149	37.07	RMS	34.4	-21	50.47	54	-3.53	-	-	140	104	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	AFT863 (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	* 5.15	42.1	Pk	34.4	-20.9	55.6	-	-	74	-18.4	148	122	V
2	* 5.149	44.31	Pk	34.4	-21	57.71	-	-	74	-16.29	148	122	V
3	* 5.15	33.92	RMS	34.4	-20.9	47.42	54	-6.58	-	-	148	122	V
4	* 5.142	34.74	RMS	34.3	-20.9	48.14	54	-5.86	-	-	148	122	V

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

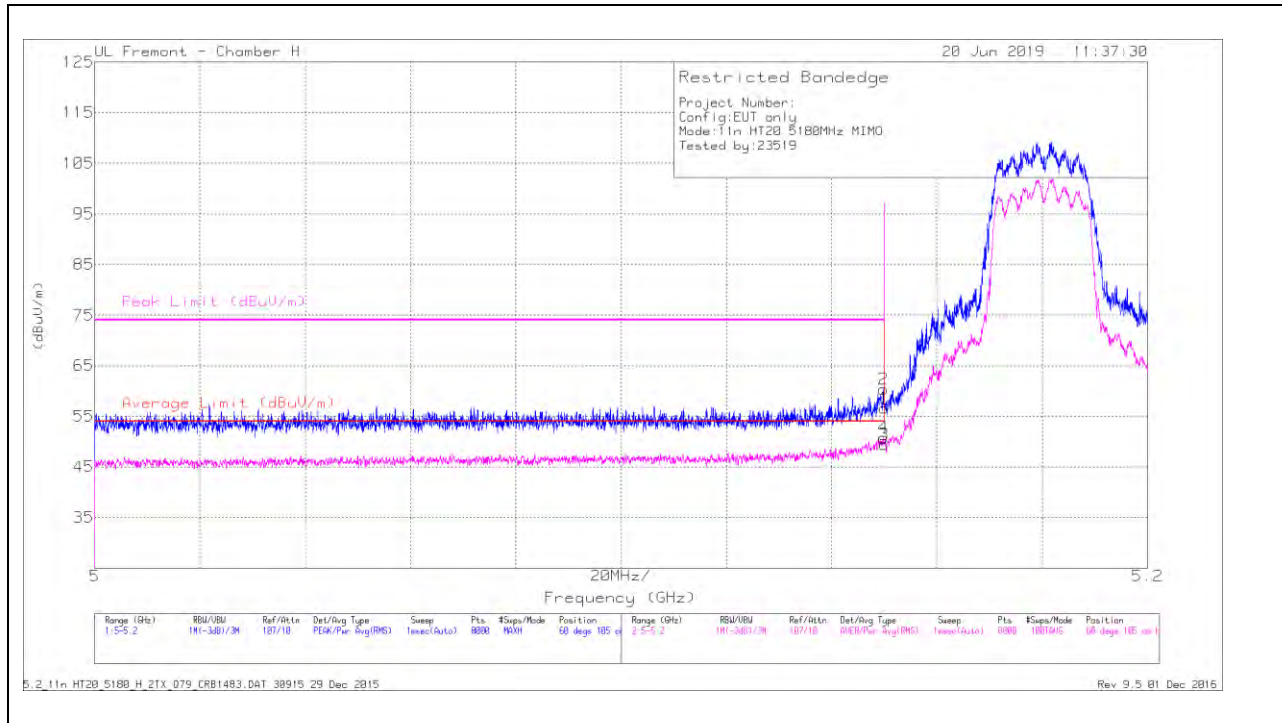
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



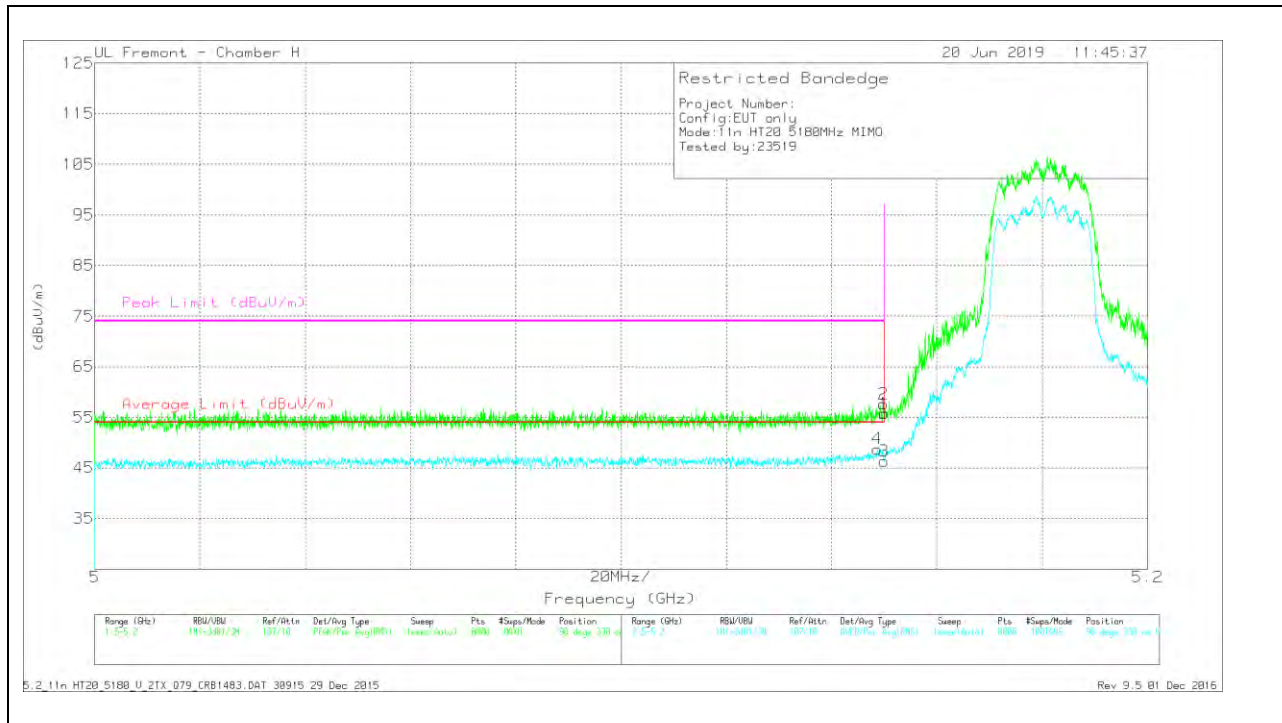
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.16	Pk	34.4	-20.9	56.66	-	-	74	-17.34	60	105	H
2	* 5.15	46.81	Pk	34.4	-20.9	60.31	-	-	74	-13.69	60	105	H
3	* 5.15	35.92	RMS	34.4	-20.9	49.42	54	-4.58	-	-	60	105	H
4	* 5.15	37.27	RMS	34.4	-20.9	50.77	54	-3.23	-	-	60	105	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 T863 (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	* 5.15	42.24	Pk	34.4	-20.9	55.74	-	-	74	-18.26	98	338	V
2	* 5.15	44.15	Pk	34.4	-20.9	57.65	-	-	74	-16.35	98	338	V
3	* 5.15	32.83	RMS	34.4	-20.9	46.33	54	-7.67	-	-	98	338	V
4	* 5.149	35.44	RMS	34.3	-21	48.74	54	-5.26	-	-	98	338	V

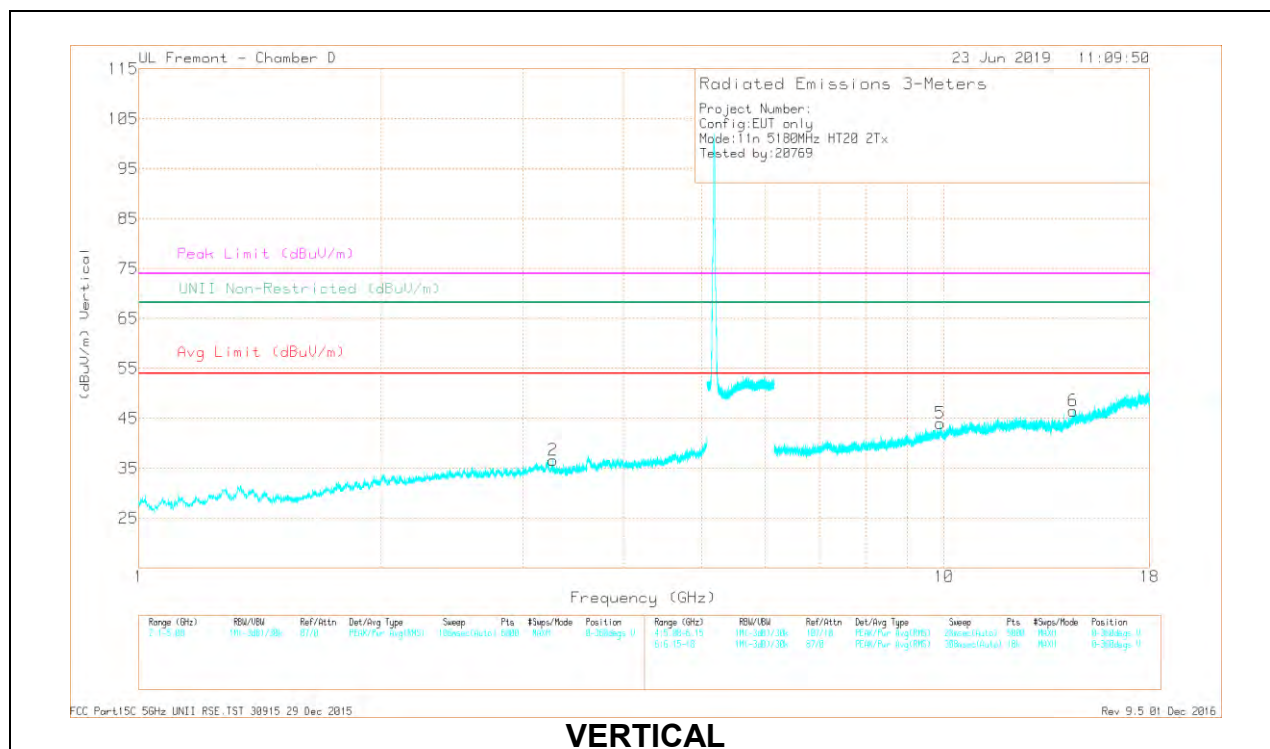
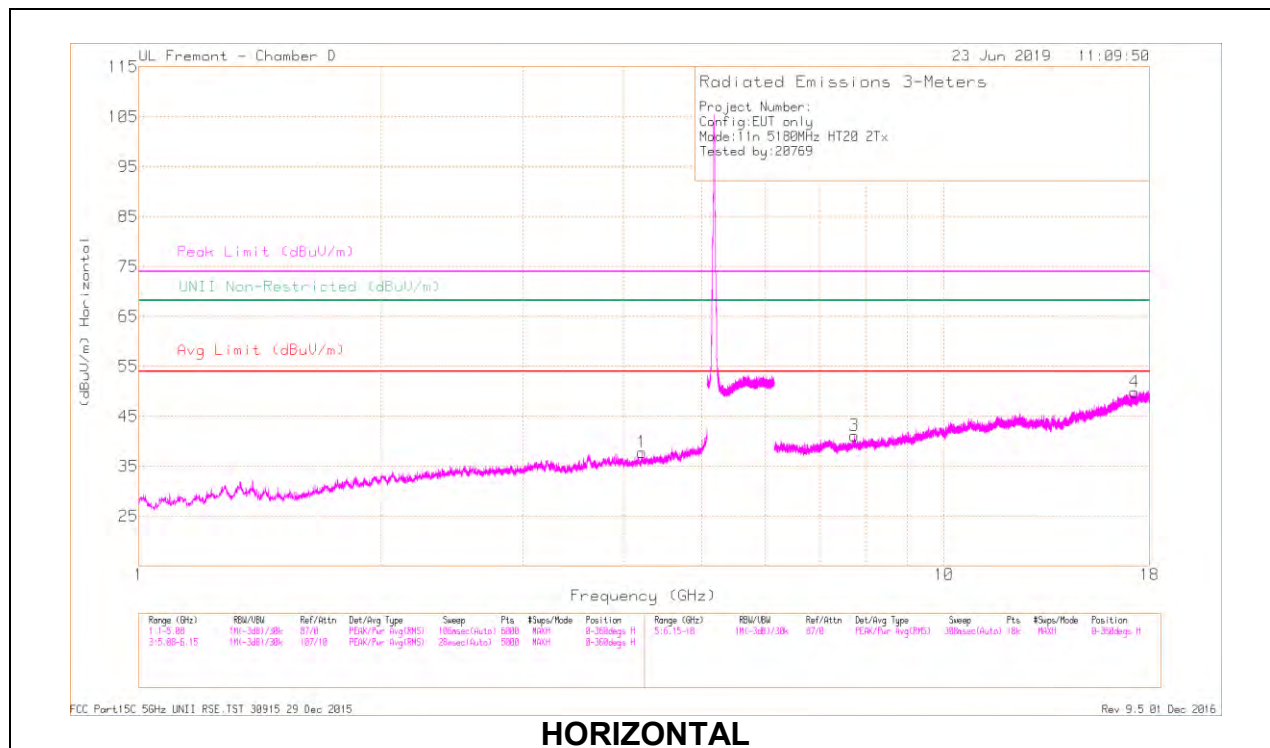
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

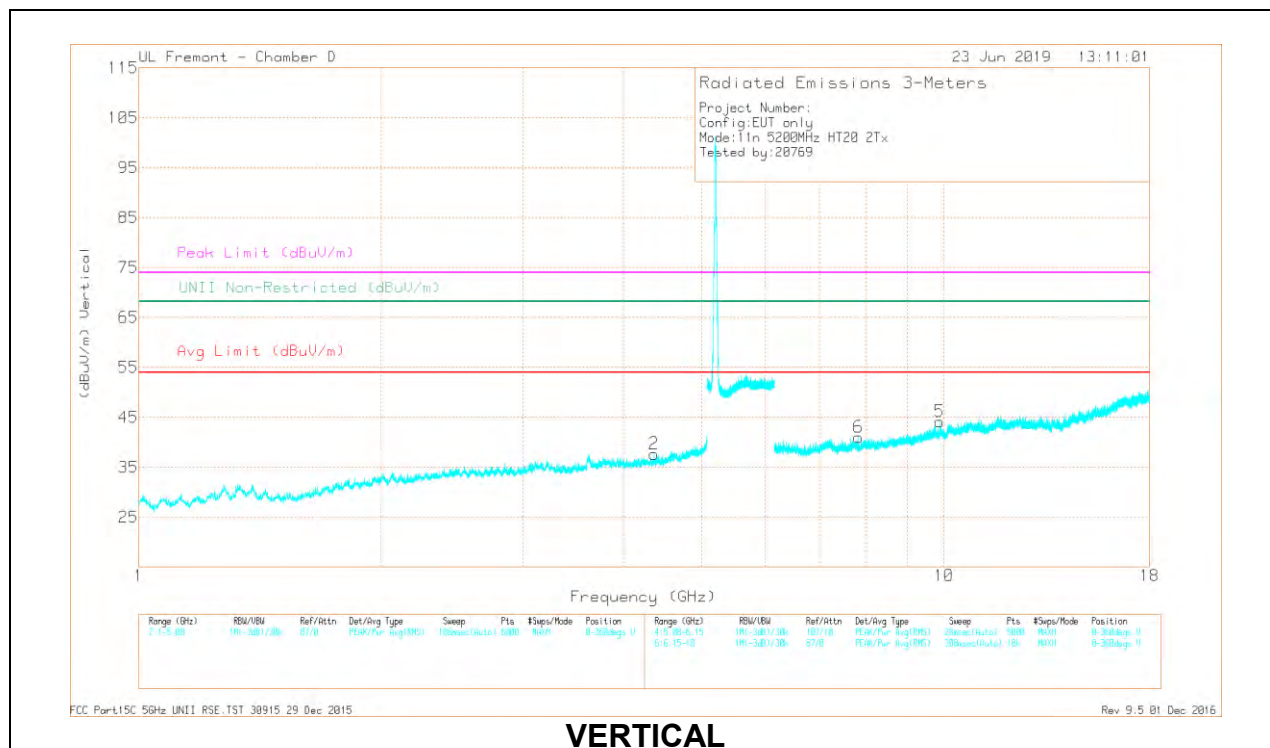
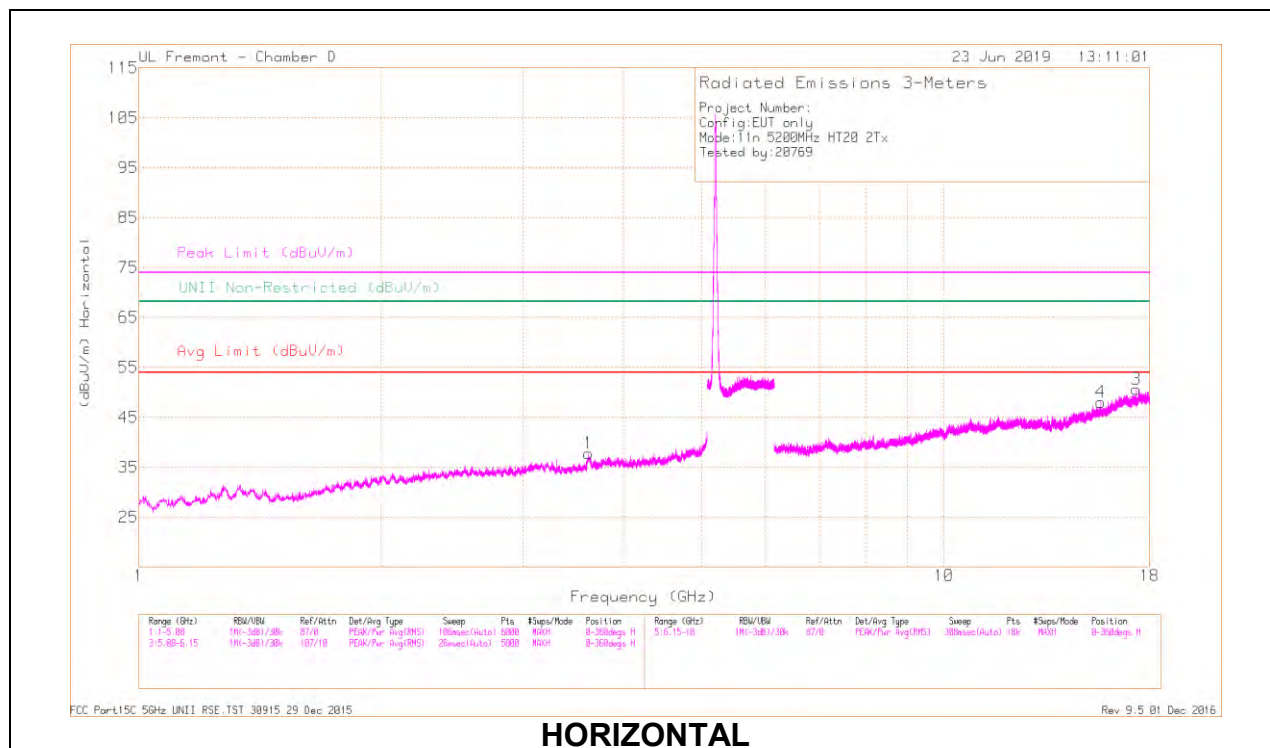
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.214	38.32	PK-U	33.3	-27.7	43.92	-	-	74	-30.08	-	-	22	121	H
	* 4.215	27.34	ADR	33.3	-27.6	33.04	54	-20.96	-	-	-	-	22	121	H
3	* 7.738	36.44	PK-U	35.7	-24.2	47.94	-	-	74	-26.06	-	-	355	264	H
	* 7.739	24.79	ADR	35.7	-24.2	36.29	54	-17.71	-	-	-	-	355	264	H
2	3.272	39.87	PK-U	32.8	-29.2	43.47	-	-	-	-	68.2	-24.73	226	354	V
5	9.897	35.61	PK-U	36.9	-20.9	51.61	-	-	-	-	68.2	-16.59	358	396	V
6	14.466	35.48	PK-U	39.4	-22.9	51.98	-	-	-	-	68.2	-16.22	58	183	V
4	17.238	34.12	PK-U	41.2	-18.8	56.52	-	-	-	-	68.2	-11.68	157	233	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

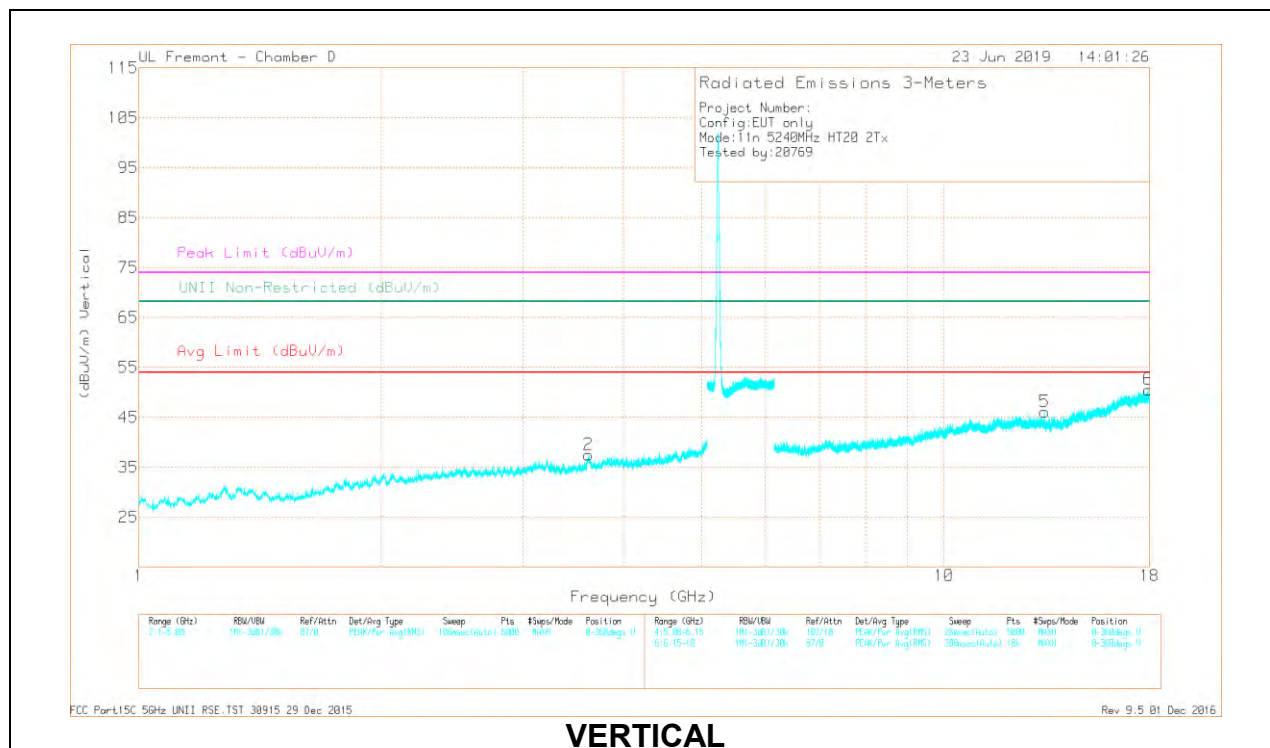
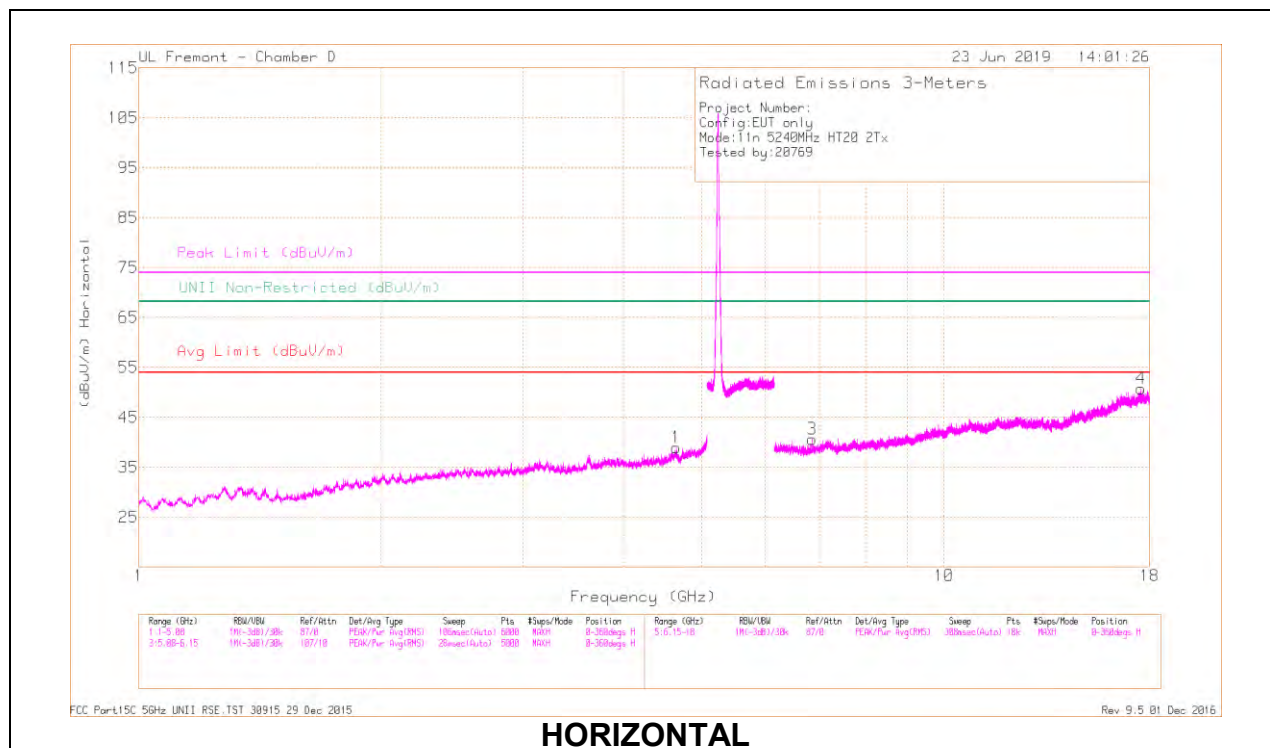
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 1712 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.619	38.78	PK-U	33.5	-28.8	43.48	-	-	74	-30.52	-	-	65	119	H
	* 3.62	27.47	ADR	33.5	-28.8	32.17	54	-21.83	-	-	-	-	65	119	H
2	* 4.363	38.63	PK-U	33.5	-27.7	44.43	-	-	74	-29.57	-	-	156	337	V
	* 4.364	27.15	ADR	33.5	-27.7	32.95	54	-21.05	-	-	-	-	156	337	V
4	* 15.661	35.13	PK-U	40.2	-21.8	53.53	-	-	74	-20.47	-	-	217	249	H
	* 15.659	23.54	ADR	40.2	-21.8	41.94	54	-12.06	-	-	-	-	217	249	H
6	7.829	36.07	PK-U	35.7	-24.8	46.97	-	-	-	-	68.2	-21.23	290	211	V
5	9.876	34.33	PK-U	36.9	-21.4	49.83	-	-	-	-	68.2	-18.37	90	320	V
3	17.327	34.6	PK-U	41.1	-19.5	56.2	-	-	-	-	68.2	-12	308	295	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 1712 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.651	39.11	PK-U	34	-27.3	45.81	-	-	74	-28.19	-	-	57	213	H
	* 4.653	27.46	ADR	34	-27.4	34.06	54	-19.94	-	-	-	-	57	213	H
2	* 3.616	38.92	PK-U	33.6	-28.9	43.62	-	-	74	-30.38	-	-	5	135	V
	* 3.618	27.63	ADR	33.5	-28.8	32.33	54	-21.67	-	-	-	-	5	135	V
5	* 13.329	35.78	PK-U	39.2	-23.4	51.58	-	-	74	-22.42	-	-	115	122	V
	* 13.331	23.74	ADR	39.2	-23.4	39.54	54	-14.46	-	-	-	-	115	122	V
6	* 17.935	33.58	PK-U	41.3	-17.6	57.28	-	-	74	-16.72	-	-	99	288	V
	* 17.932	21.64	ADR	41.4	-17.6	45.44	54	-8.56	-	-	-	-	99	288	V
3	6.858	36.45	PK-U	35.6	-25.6	46.45	-	-	-	-	68.2	-21.75	160	205	H
4	17.556	34.43	PK-U	41.5	-19	56.93	-	-	-	-	68.2	-11.27	133	278	H

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

PK-U - U-NII: Maximum Peak

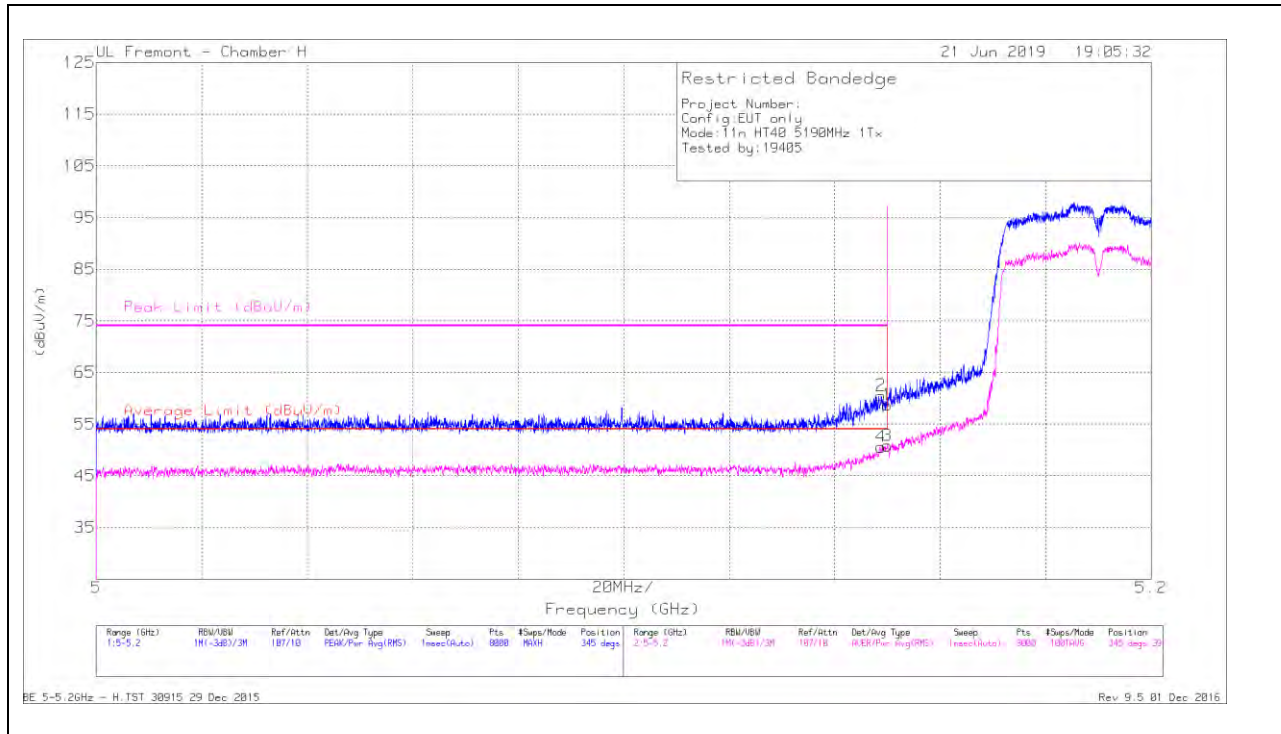
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



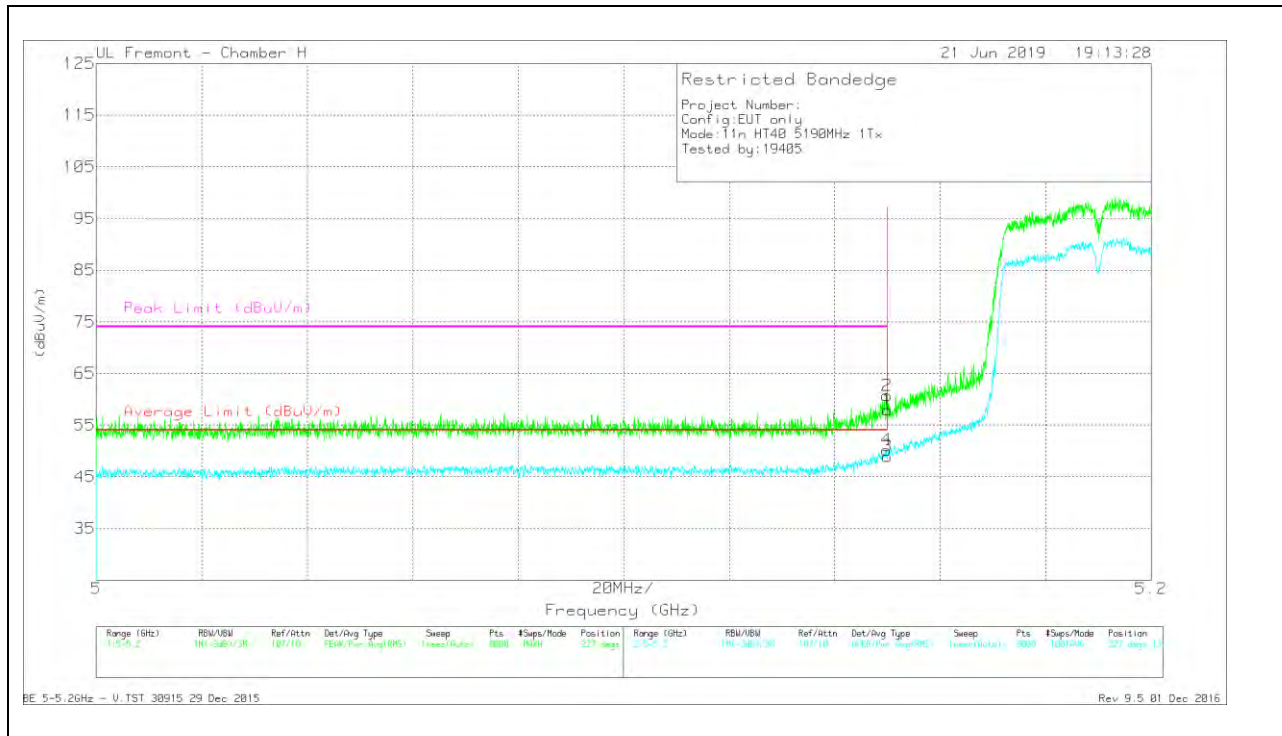
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	45.2	Pk	34.4	-20.9	0	58.7	-	-	74	-15.3	345	391	H
2	* 5.149	47.22	Pk	34.3	-21	0	60.52	-	-	74	-13.48	345	391	H
3	* 5.15	37.35	RMS	34.4	-20.9	.09	50.94	54	-3.06	-	-	345	391	H
4	* 5.149	37.3	RMS	34.3	-21	.09	50.69	54	-3.31	-	-	345	391	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 T863 (dB/m)	Amp/Cb/Fltr/Pa d (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	44.48	Pk	34.4	-20.9	0	57.98	-	-	74	-16.02	227	132	V
2	* 5.15	47.24	Pk	34.4	-20.9	0	60.74	-	-	74	-13.26	227	132	V
3	* 5.15	35.5	RMS	34.4	-20.9	.09	49.09	54	-4.91	-	-	227	132	V
4	* 5.15	36.7	RMS	34.4	-20.9	.09	50.29	54	-3.71	-	-	227	132	V

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

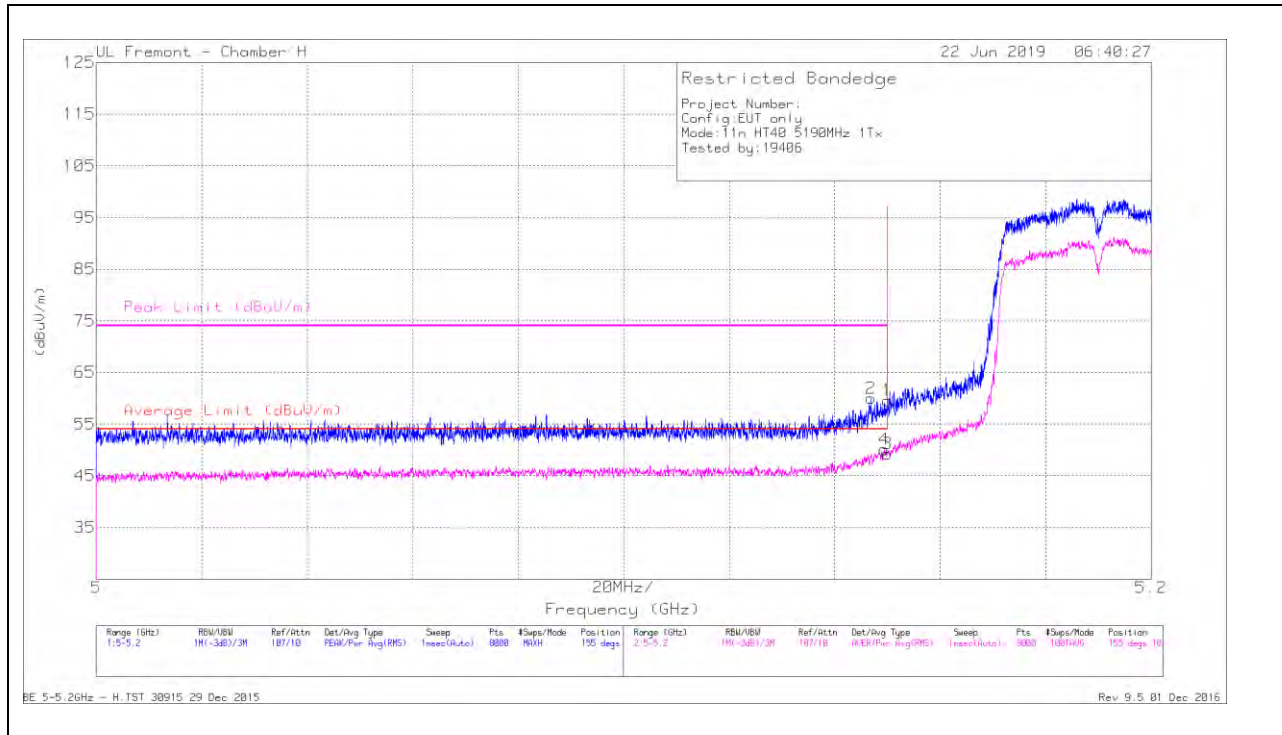
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANEDGE (LOW CHANNEL)

HORIZONTAL RESULT



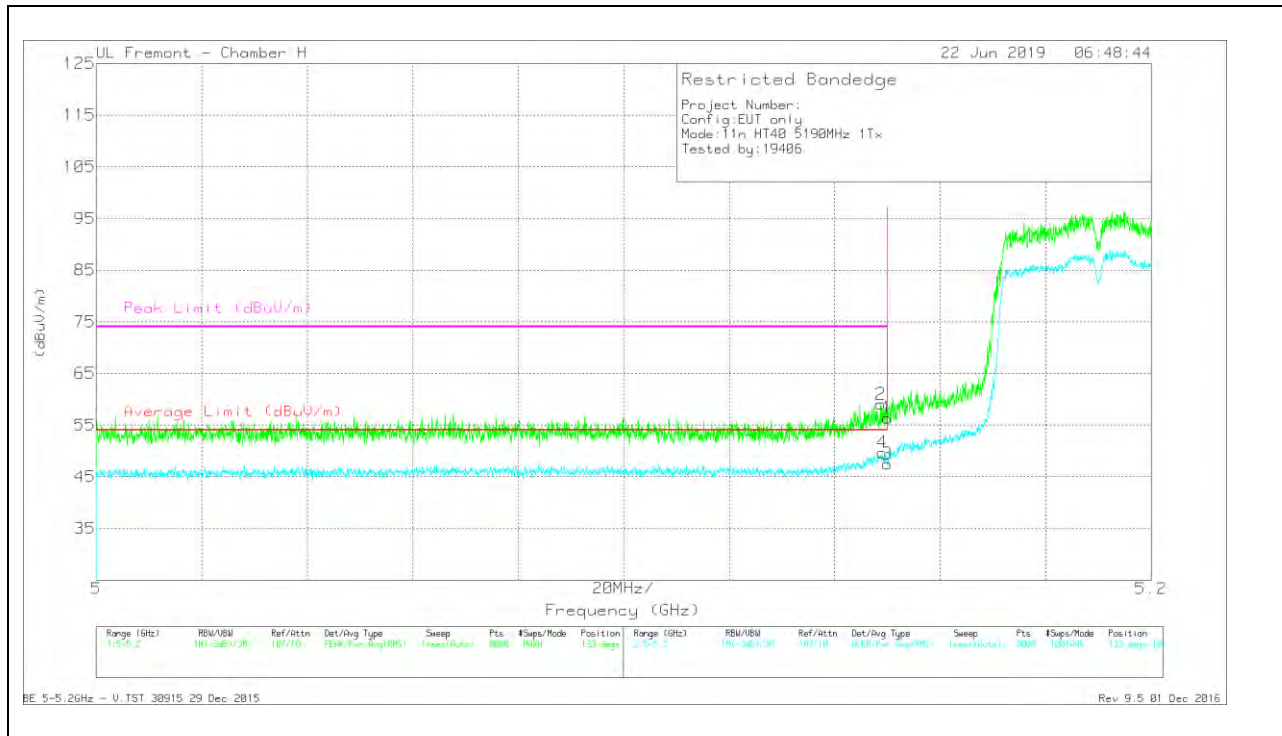
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.06	Pk	34.4	-20.9	0	59.56	-	-	74	-14.44	155	102	H
2	* 5.147	46.69	Pk	34.3	-21	0	59.99	-	-	74	-14.01	155	102	H
3	* 5.15	35.76	RMS	34.4	-20.9	.09	49.35	54	-4.65	-	-	155	102	H
4	* 5.149	36.7	RMS	34.4	-21	.09	50.19	54	-3.81	-	-	155	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

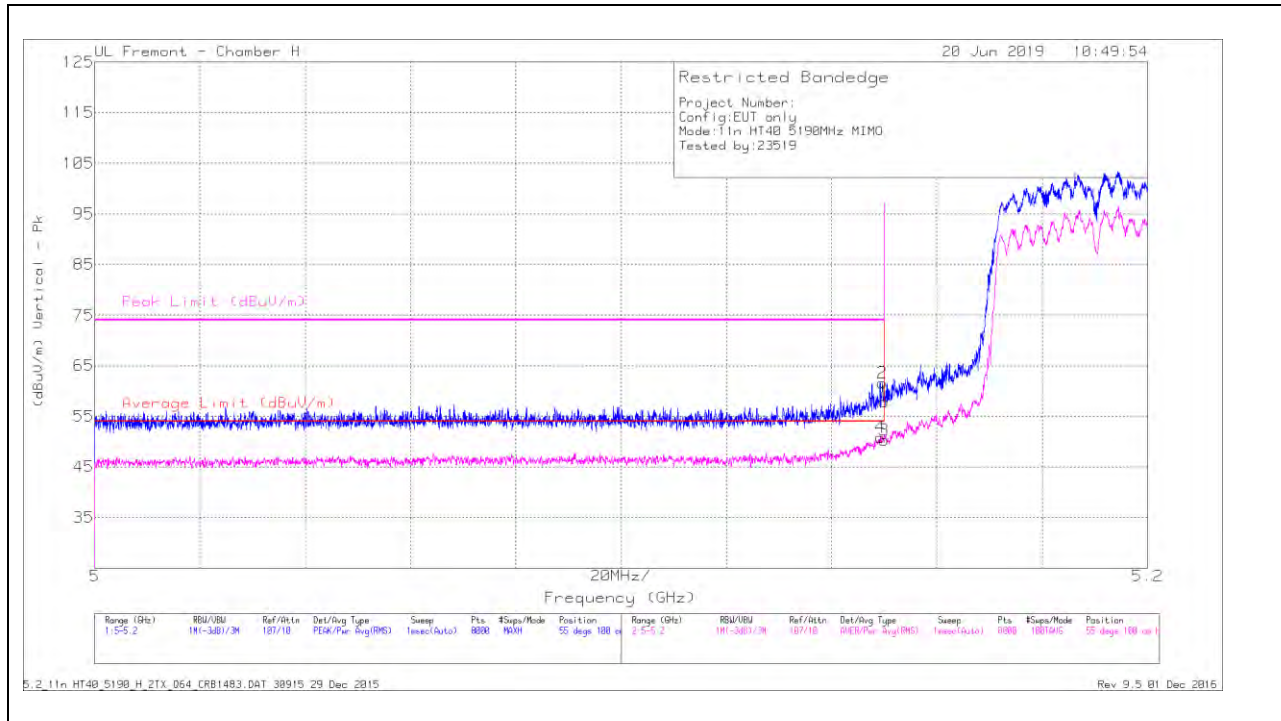


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.91	Pk	34.4	-20.9	0	56.41	-	-	74	-17.59	133	100	V
2	* 5.149	45.74	Pk	34.3	-21	0	59.04	-	-	74	-14.96	133	100	V
3	* 5.15	33.98	RMS	34.4	-20.9	.09	47.57	54	-6.43	-	-	133	100	V
4	* 5.149	36.28	RMS	34.4	-21	.09	49.77	54	-4.23	-	-	133	100	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**

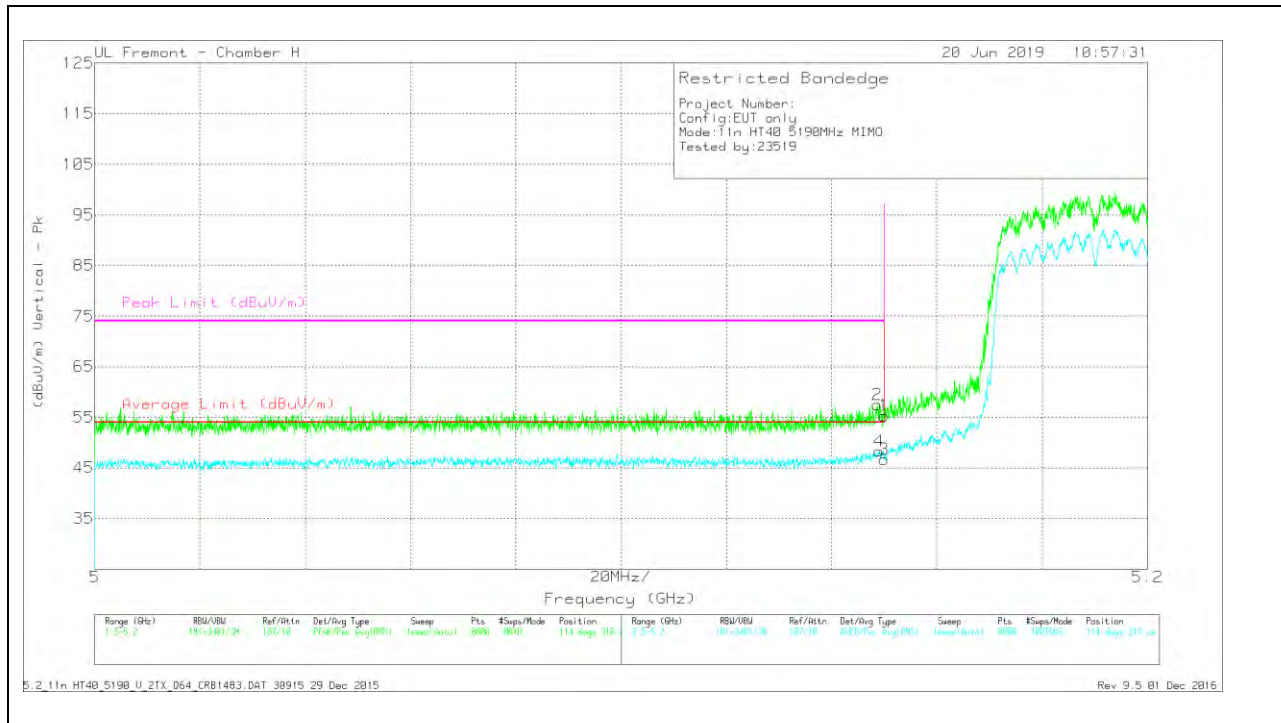
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	44.31	Pk	34.4	-20.9	0	57.81	-	-	74	-16.19	55	100	H
2	* 5.15	48.14	Pk	34.4	-20.9	0	61.64	-	-	74	-12.36	55	100	H
3	* 5.15	36.84	RMS	34.4	-20.9	.09	50.43	54	-3.57	-	-	55	100	H
4	* 5.149	37.45	RMS	34.4	-21	.09	50.94	54	-3.06	-	-	55	100	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 T863 (dB/m)	Amp/Cbl/Ptx/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	41.82	Pk	34.4	-20.9	0	55.32	-	-	74	-18.68	114	318	V
2	* 5.149	44.22	Pk	34.3	-21	0	57.52	-	-	74	-16.48	114	318	V
3	* 5.15	33.24	RMS	34.4	-20.9	.09	46.83	54	-7.17	-	-	114	318	V
4	* 5.149	34.85	RMS	34.4	-21	.09	48.34	54	-5.66	-	-	114	318	V

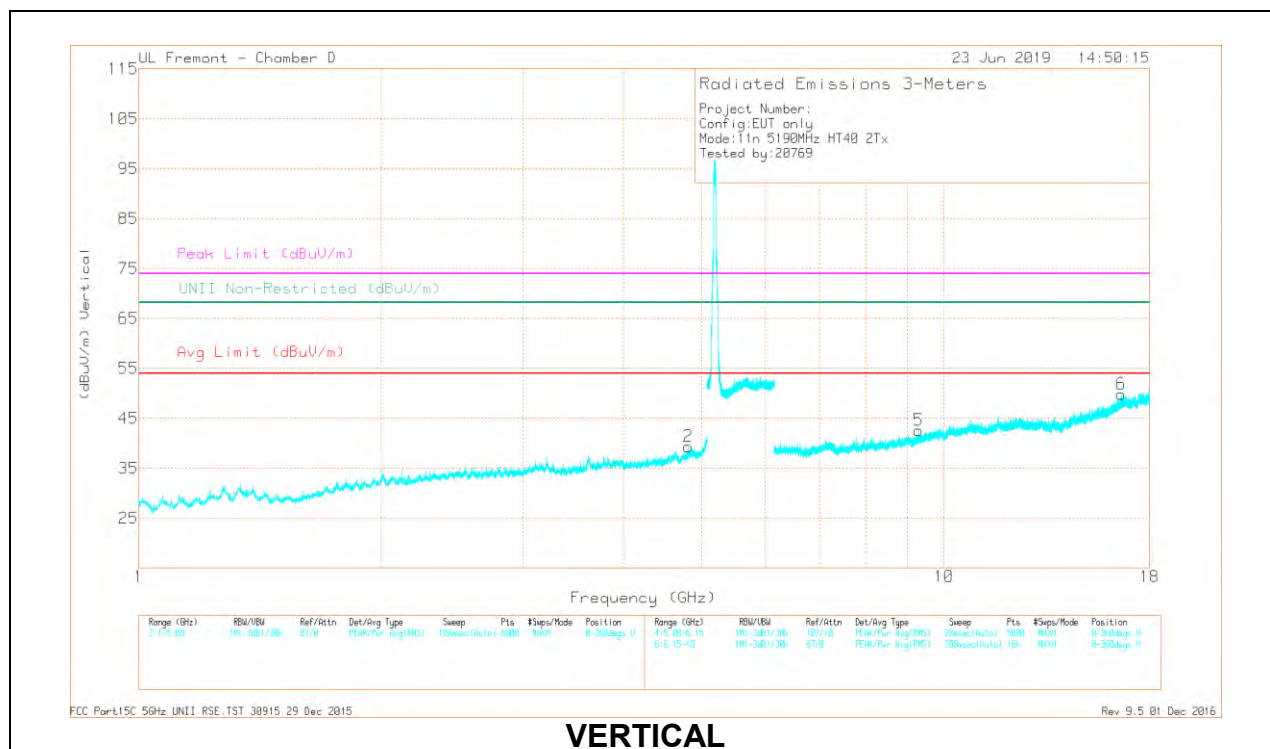
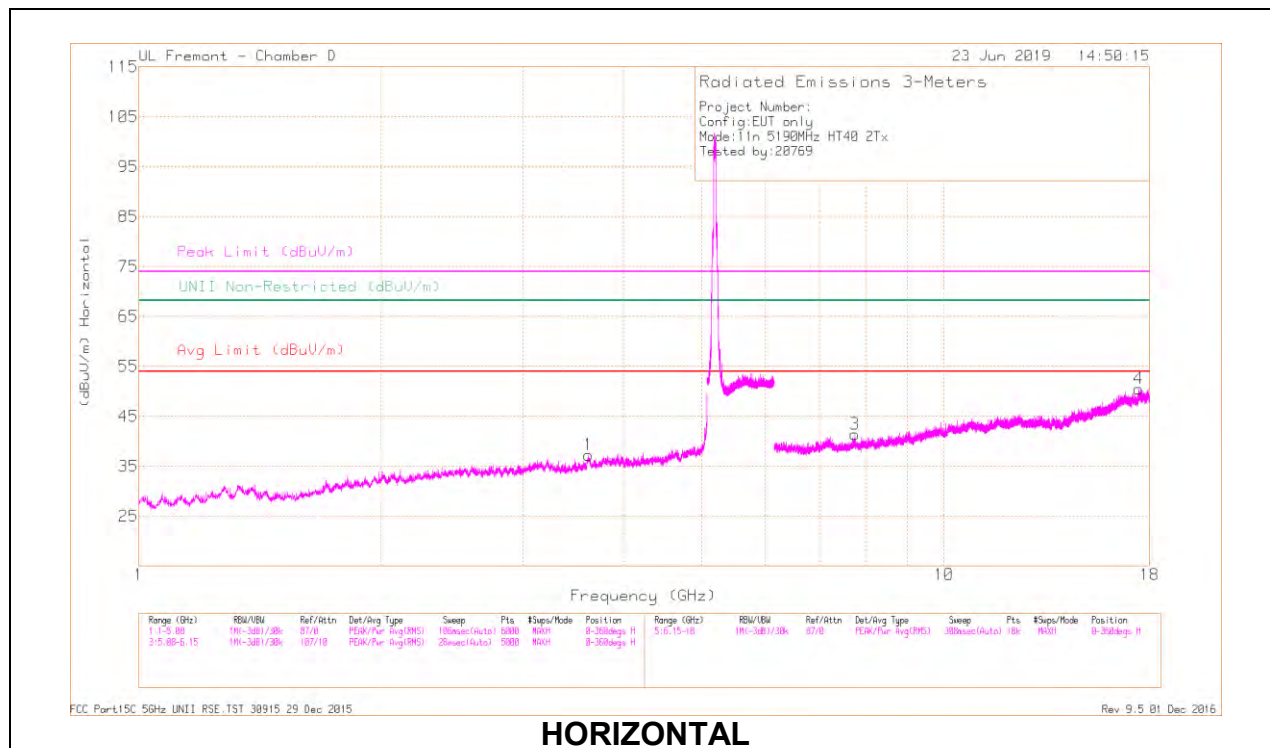
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

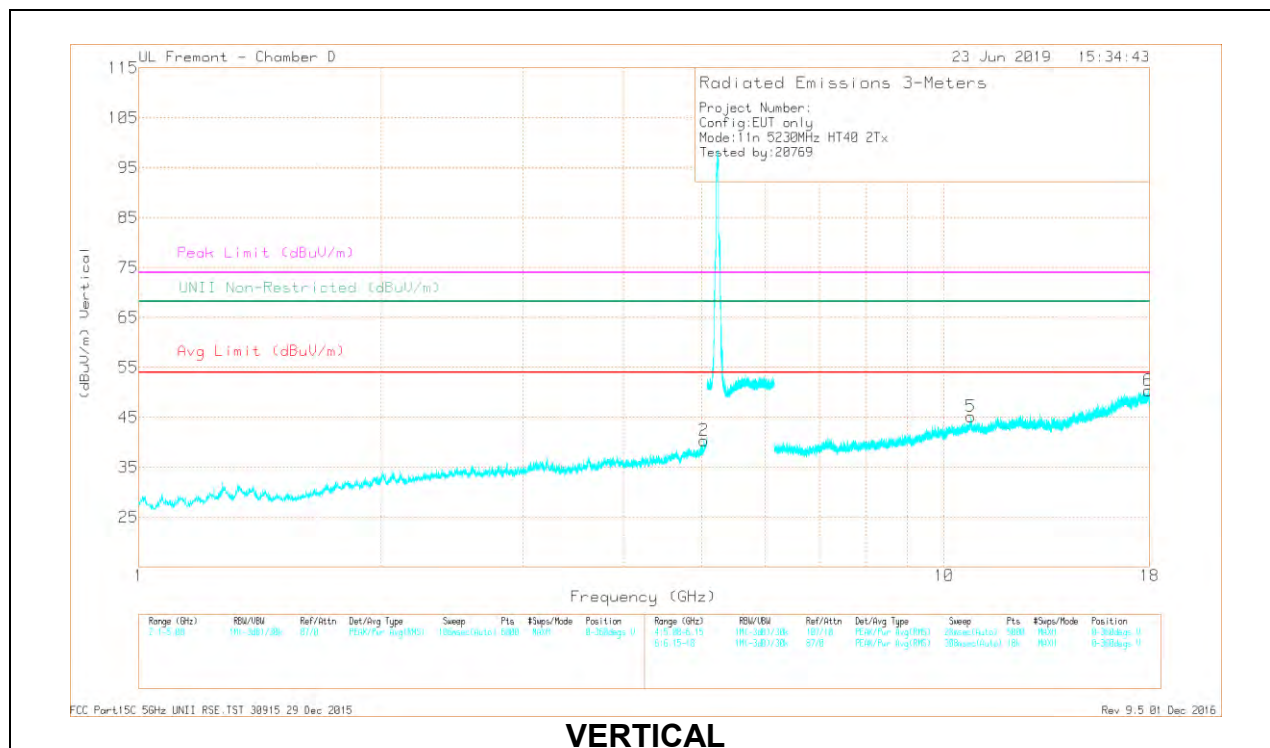
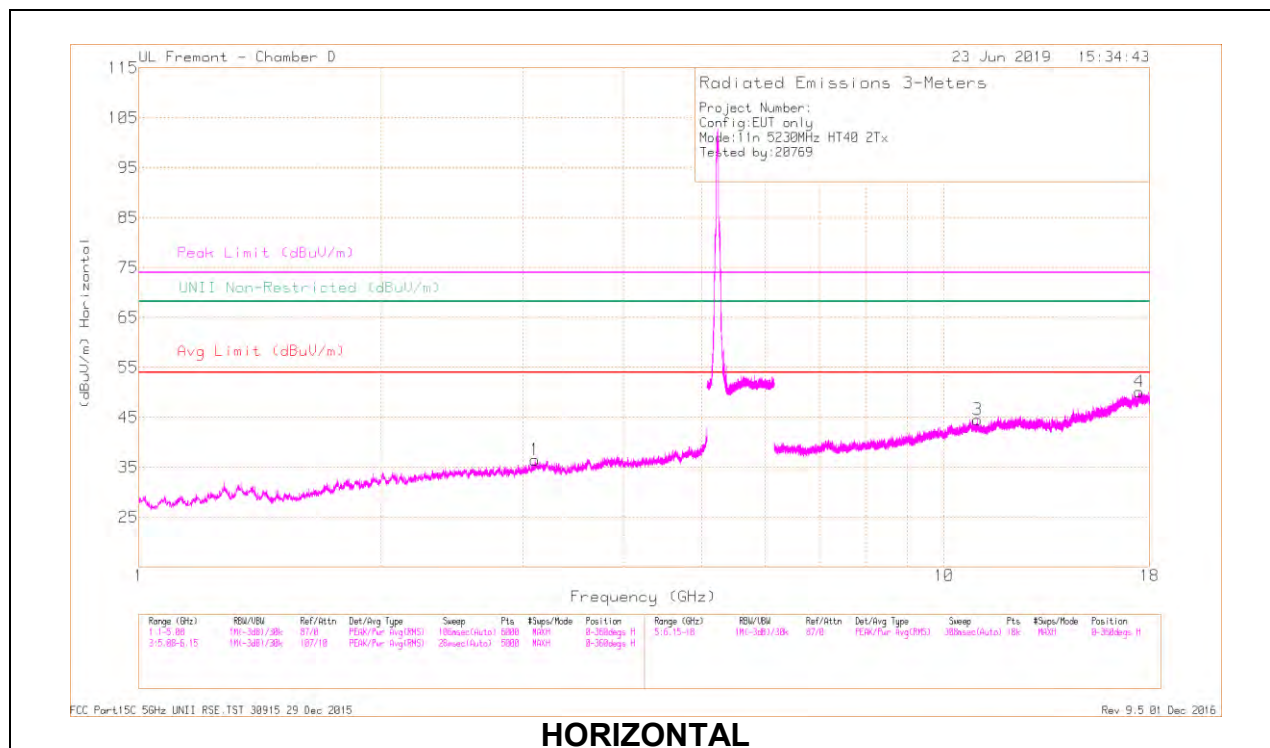
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T712 (dBm)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.619	39.6	PK-U	33.5	-28.8	-	44.3	-	-	74	-29.7	-	-	351	347	H
	* 3.62	27.63	ADR	33.5	-28.8	0.09	32.42	54	-21.58	-	-	-	-	351	347	H
2	* 4.809	39.42	PK-U	34	-27.3	-	46.12	-	-	74	-27.88	-	-	6	101	V
	* 4.811	27.87	ADR	34	-27.3	0.09	34.66	54	-19.34	-	-	-	-	6	101	V
3	* 7.748	35.82	PK-U	35.7	-24.3	-	47.22	-	-	74	-26.78	-	-	245	225	H
	* 7.748	24.91	ADR	35.7	-24.3	0.09	36.4	54	-17.6	-	-	68.2	-19.16	245	225	H
5	9.296	34.24	PK-U	36.3	-21.5	-	49.04	-	-	-	-	68.2	-12.59	122	251	V
6	16.596	34.11	PK-U	41.7	-20.2	-	55.61	-	-	-	-	68.2	-12.59	95	102	V
4	17.458	33.74	PK-U	41.3	-19.1	-	55.94	-	-	-	-	68.2	-12.26	199	387	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 T712 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.036	38.27	PK-U	34	-25.5	0	46.77	-	-	74	-27.23	-	-	308	105	V
	* 5.039	26.59	ADR	34	-25.5	.09	35.18	54	-18.82	-	-	-	-	308	105	V
3	* 11.009	34.1	PK-U	37.7	-21.3	0	50.5	-	-	74	-23.5	-	-	76	222	H
	* 11.009	23.3	ADR	37.7	-21.3	.09	39.79	54	-14.21	-	-	-	-	76	222	H
5	* 10.794	33.73	PK-U	37.8	-21	0	50.53	-	-	74	-23.47	-	-	333	380	V
	* 10.796	22.94	ADR	37.8	-21	.09	39.83	54	-14.17	-	-	-	-	333	380	V
6	* 17.831	33.09	PK-U	41.3	-17.7	0	56.69	-	-	74	-17.31	-	-	209	143	V
	* 17.831	22.28	ADR	41.3	-17.7	.09	45.97	54	-8.03	-	-	-	-	209	143	V
1	3.103	39.09	PK-U	32.8	-28.6	0	43.29	-	-	-	-	68.2	-24.91	234	169	H
4	17.488	34.55	PK-U	41.4	-18.8	0	57.15	-	-	-	-	68.2	-11.05	179	309	H

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

PK-U - U-NII: Maximum Peak

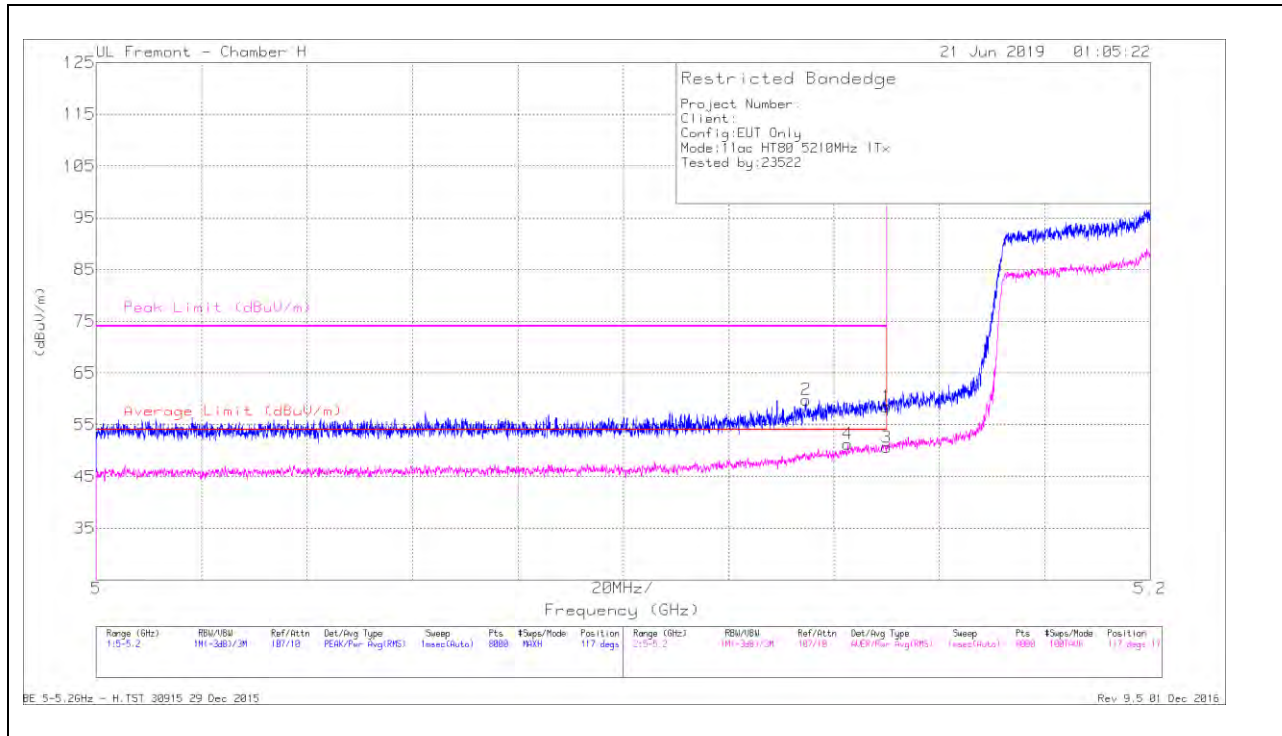
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



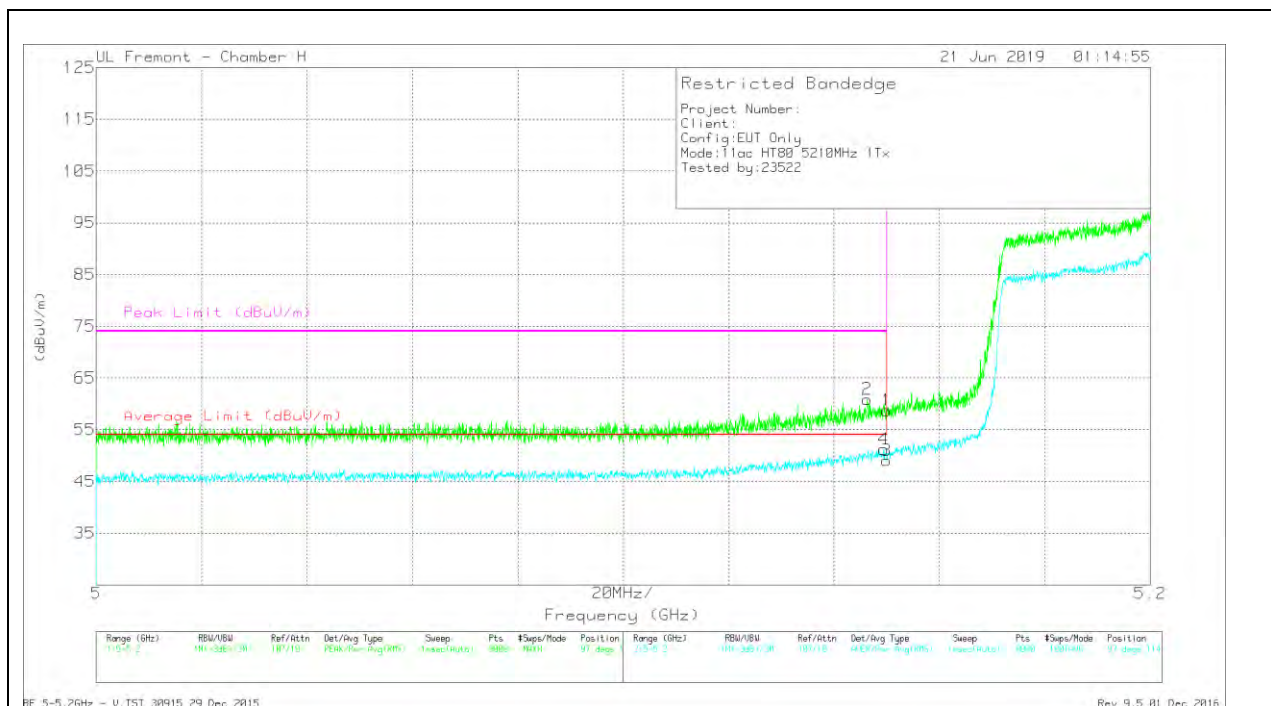
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45	Pk	34.4	-20.9	0	58.5	-	-	74	-15.5	117	171	H
2	* 5.135	46.33	Pk	34.4	-20.9	0	59.83	-	-	74	-14.17	117	171	H
3	* 5.15	37.11	RMS	34.4	-20.9	.19	50.8	54	-3.2	-	-	117	171	H
4	* 5.143	37.87	RMS	34.3	-20.9	.19	51.46	54	-2.54	-	-	117	171	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 T863 (dB/m)	Amp/Cb/Ftr/Pa d (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	45.24	Pk	34.4	-20.9	0	58.74	-	-	74	-15.26	97	114	V
2	* 5.146	47.6	Pk	34.3	-21	0	60.9	-	-	74	-13.1	97	114	V
3	* 5.15	35.53	RMS	34.4	-20.9	.19	49.22	54	-4.78	-	-	97	114	V
4	* 5.149	37.8	RMS	34.4	-21	.19	51.39	54	-2.61	-	-	97	114	V

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

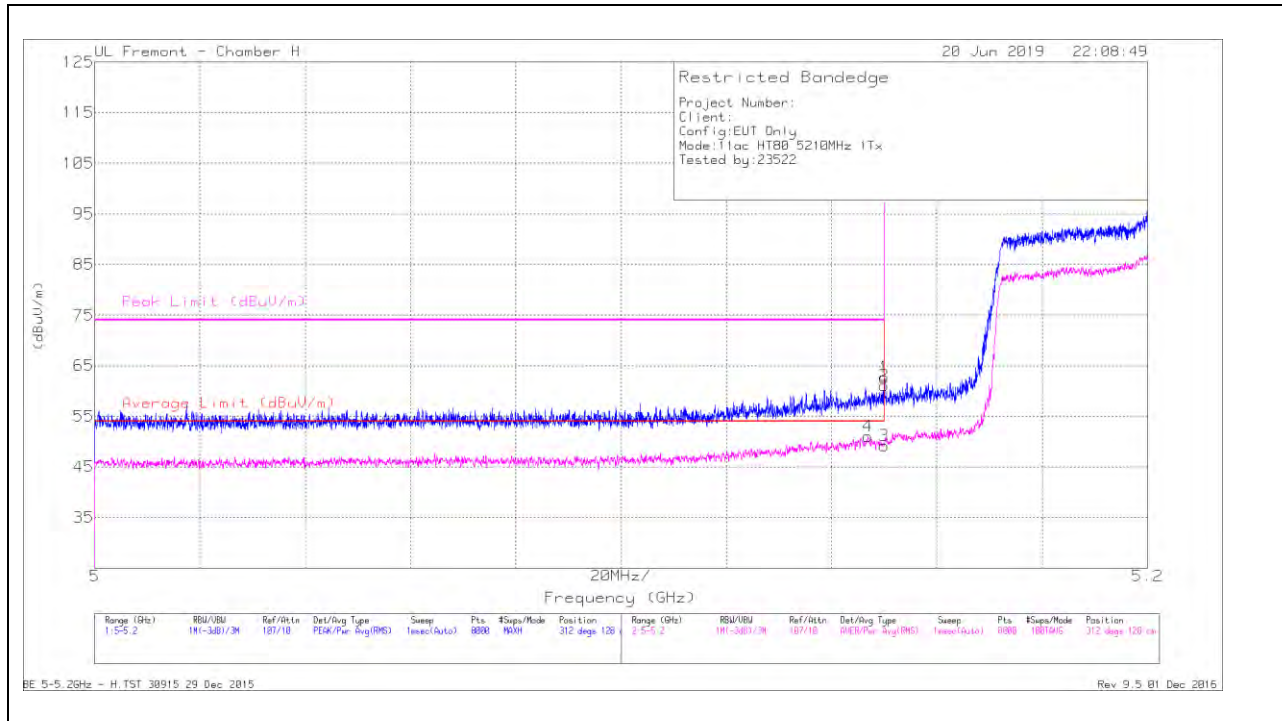
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



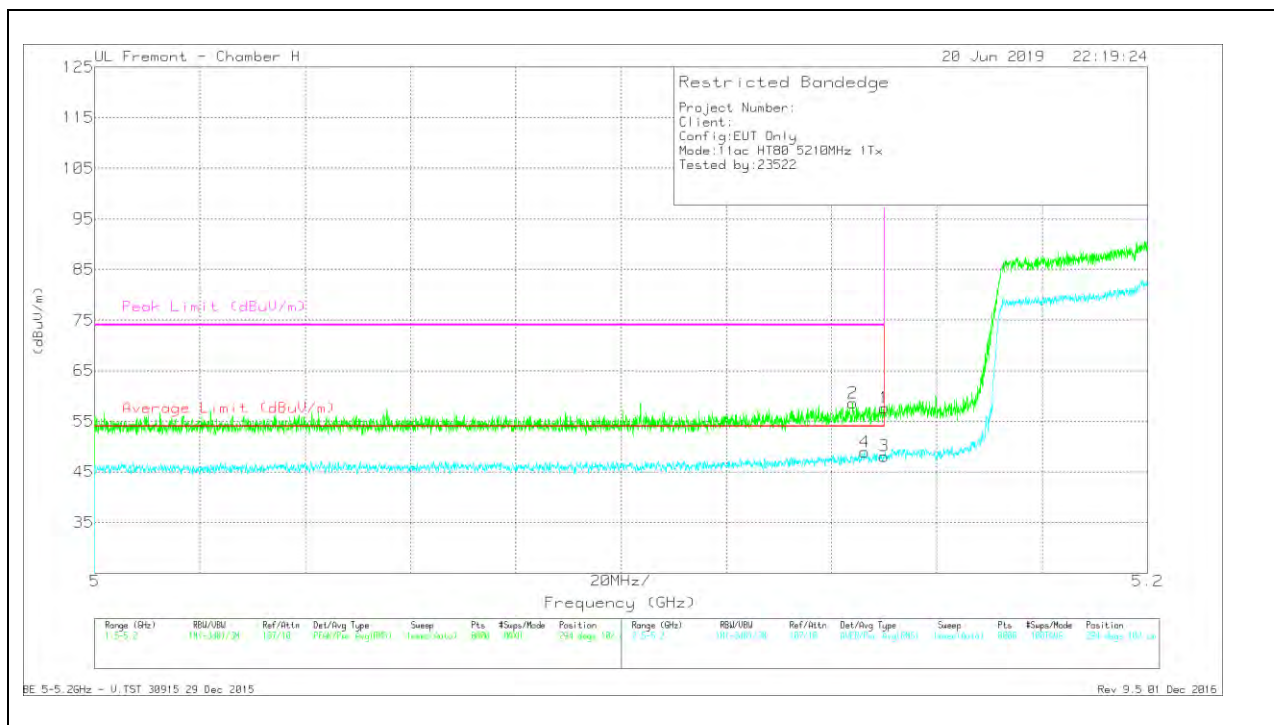
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.16	Pk	34.4	-20.9	0	62.66	-	-	74	-11.34	312	128	H
2	* 5.15	47.58	Pk	34.4	-20.9	0	61.08	-	-	74	-12.92	312	128	H
3	* 5.15	35.69	RMS	34.4	-20.9	.19	49.38	54	-4.62	-	-	312	128	H
4	* 5.147	37.71	RMS	34.3	-21	.19	51.2	54	-2.8	-	-	312	128	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 T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.13	Pk	34.4	-20.9	0	57.63	-	-	74	-16.37	294	102	V
2	* 5.144	45.26	Pk	34.3	-21	0	58.56	-	-	74	-15.44	294	102	V
3	* 5.15	34.62	RMS	34.4	-20.9	.19	48.31	54	-5.69	-	-	294	102	V
4	* 5.146	35.63	RMS	34.3	-21	.19	49.12	54	-4.88	-	-	294	102	V

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

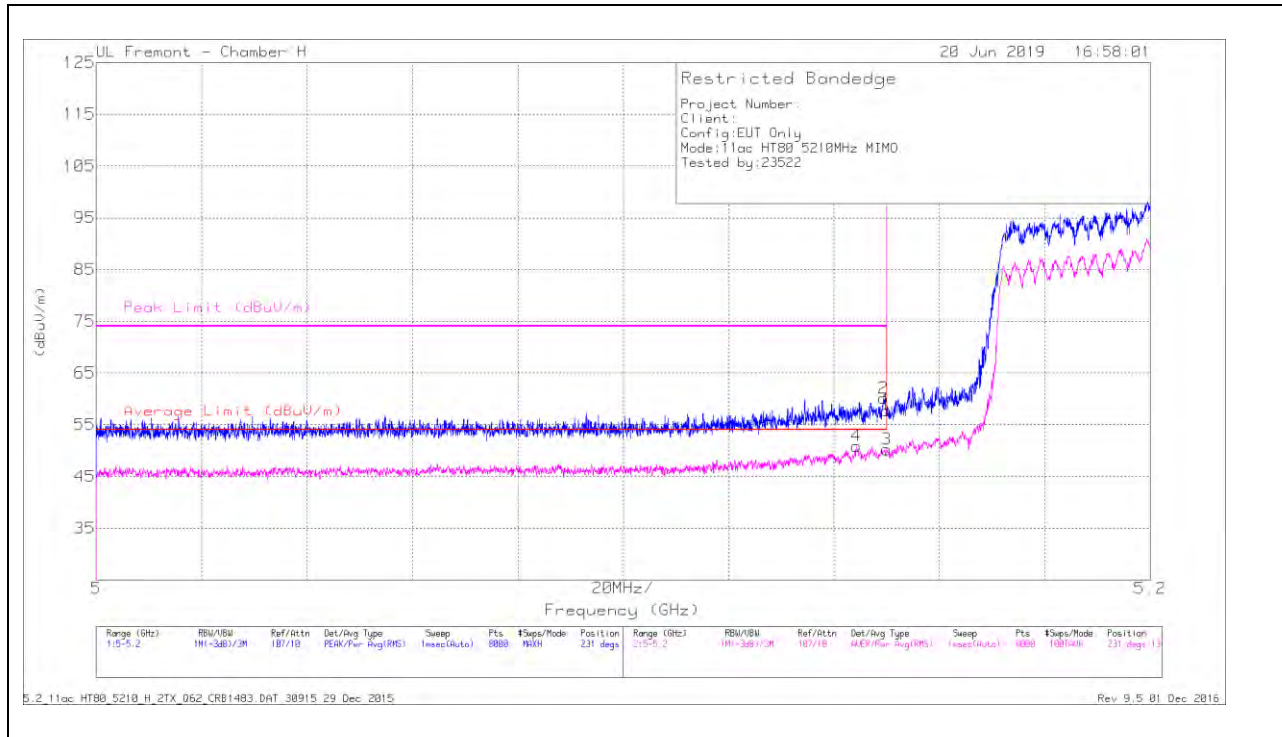
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



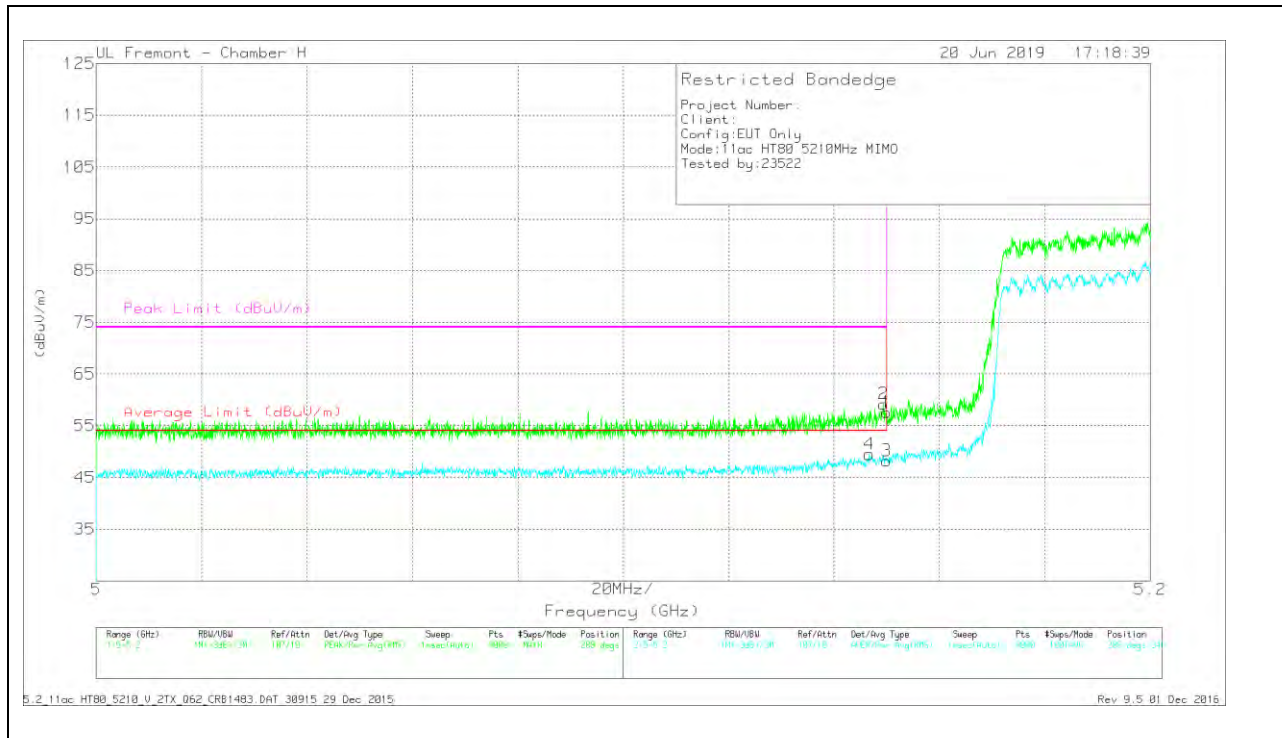
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtz/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.28	Pk	34.4	-20.9	0	57.78	-	-	74	-16.22	231	134	H
2	* 5.149	46.72	Pk	34.4	-21	0	60.12	-	-	74	-13.88	231	134	H
3	* 5.15	36.73	RMS	34.4	-20.9	.19	50.42	54	-3.58	-	-	231	134	H
4	* 5.144	37.55	RMS	34.3	-21	.19	51.14	54	-2.86	-	-	231	134	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 T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.08	Pk	34.4	-20.9	0	57.58	-	-	74	-16.42	288	346	V
2	* 5.149	45.81	Pk	34.4	-21	0	59.21	-	-	74	-14.79	288	346	V
3	* 5.15	34.71	RMS	34.4	-20.9	.19	48.4	54	-5.6	-	-	288	346	V
4	* 5.147	36.19	RMS	34.3	-21	.19	49.68	54	-4.32	-	-	288	346	V

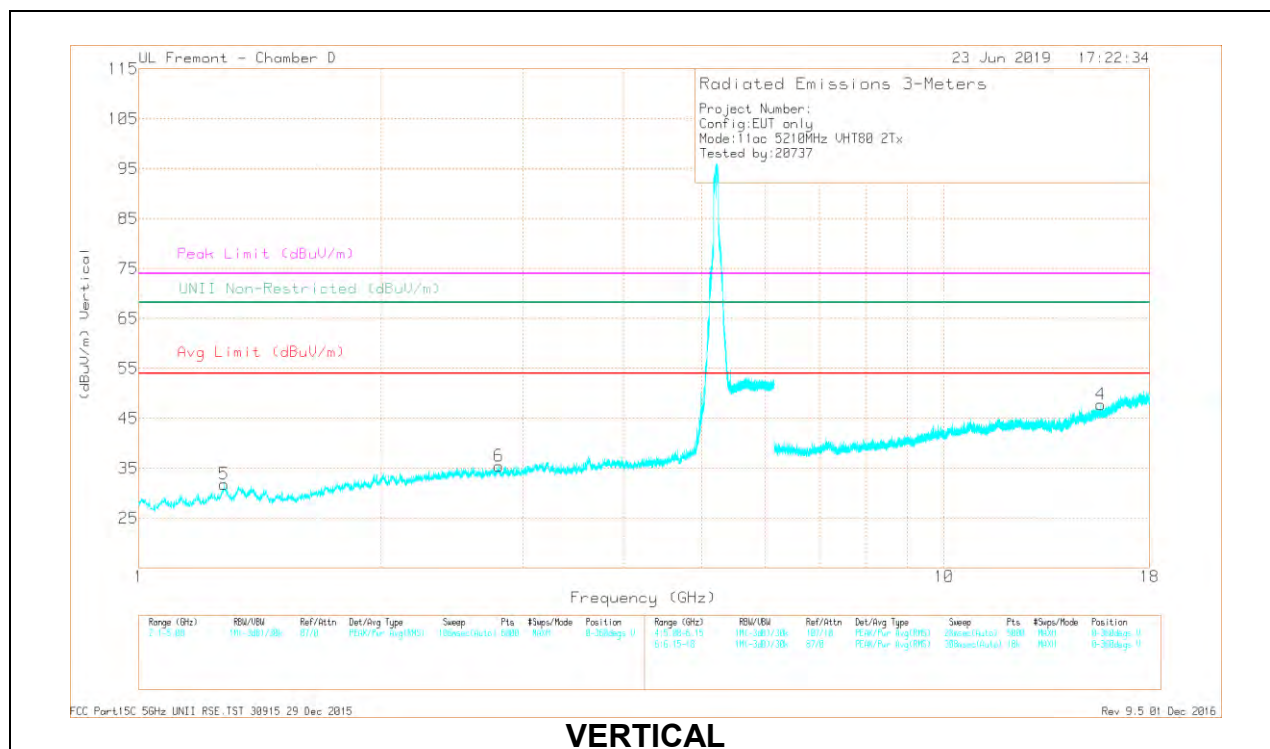
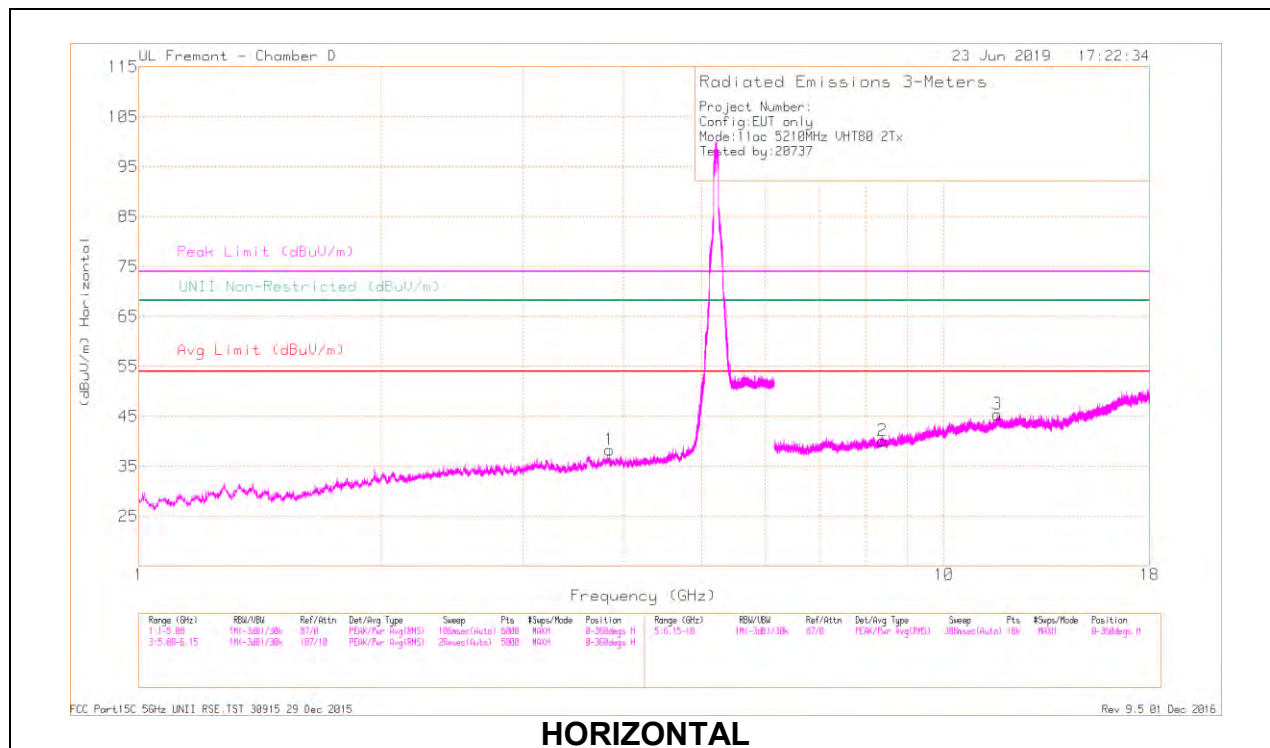
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	AF T712 (dB/m)	AmpCoef/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.841	39.55	PK-U	33.5	-28.5	-	44.55	-	-	74	-29.45	-	-	56	143	H
	* 3.842	28.19	ADR	33.4	-28.5	0.19	33.28	54	-20.74	-	-	-	-	56	143	H
5	* 1.275	41.11	PK-U	29.3	-31.7	-	38.71	-	-	74	-35.29	-	-	56	102	V
	* 1.277	29.58	ADR	29.3	-31.7	0.19	27.37	54	-26.63	-	-	-	-	56	102	V
6	* 2.8	40.05	PK-U	32.3	-29.4	-	42.95	-	-	74	-31.05	-	-	56	102	V
	* 2.798	27.94	ADR	32.3	-29.3	0.19	31.13	54	-22.87	-	-	-	-	56	102	V
2	* 8.267	36.15	PK-U	35.9	-23.5	-	43.45	-	-	74	-25.55	-	-	56	102	H
	* 8.285	24.27	ADR	35.8	-23.4	0.19	36.86	54	-17.14	-	-	-	-	56	102	H
3	* 11.657	34.65	PK-U	38.3	-20.8	-	52.15	-	-	74	-21.85	-	-	56	102	H
	* 11.655	23.2	ADR	38.3	-20.9	0.19	40.79	54	-13.21	-	-	-	-	56	102	H
4	* 15.656	35.59	PK-U	40.2	-21.9	-	53.89	-	-	74	-20.11	-	-	56	102	V
	* 15.658	24.14	ADR	40.2	-21.9	0.19	42.63	54	-11.37	-	-	-	-	56	102	V

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

PK-U - U-NII: Maximum Peak

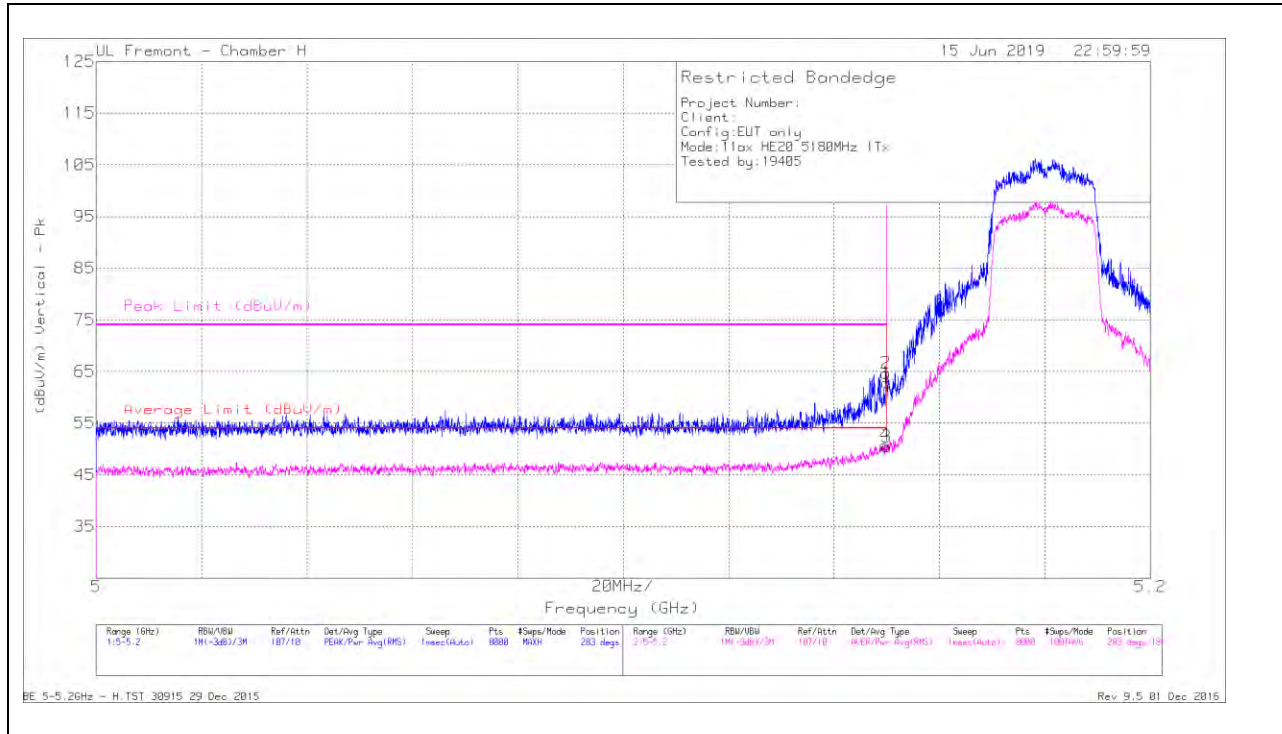
ADR - U-NII AD primary method, RMS average

1.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



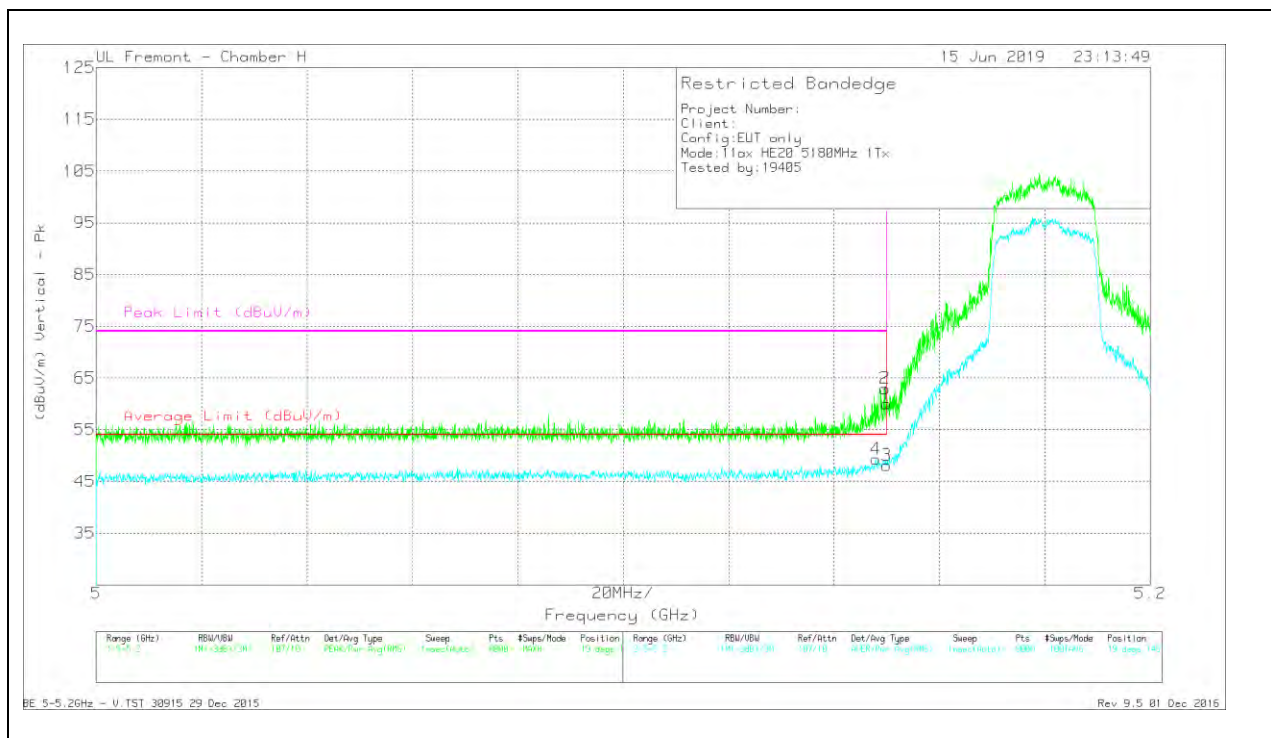
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.3	Pk	34.4	-20.9	62.8	-	-	74	-11.2	283	188	H
2	* 5.15	51.16	Pk	34.4	-20.9	64.66	-	-	74	-9.34	283	188	H
3	* 5.15	36.93	RMS	34.4	-20.9	50.43	54	-3.57	-	-	283	188	H
4	* 5.15	37.27	RMS	34.4	-20.9	50.77	54	-3.23	-	-	283	188	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 T863 (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	* 5.15	46.55	Pk	34.4	-20.9	60.05	-	-	74	-13.95	19	145	V
2	* 5.15	49.48	Pk	34.4	-20.9	62.98	-	-	74	-11.02	19	145	V
3	* 5.15	34.61	RMS	34.4	-20.9	48.11	54	-5.89	-	-	19	145	V
4	* 5.148	36.02	RMS	34.3	-21	49.32	54	-4.68	-	-	19	145	V

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

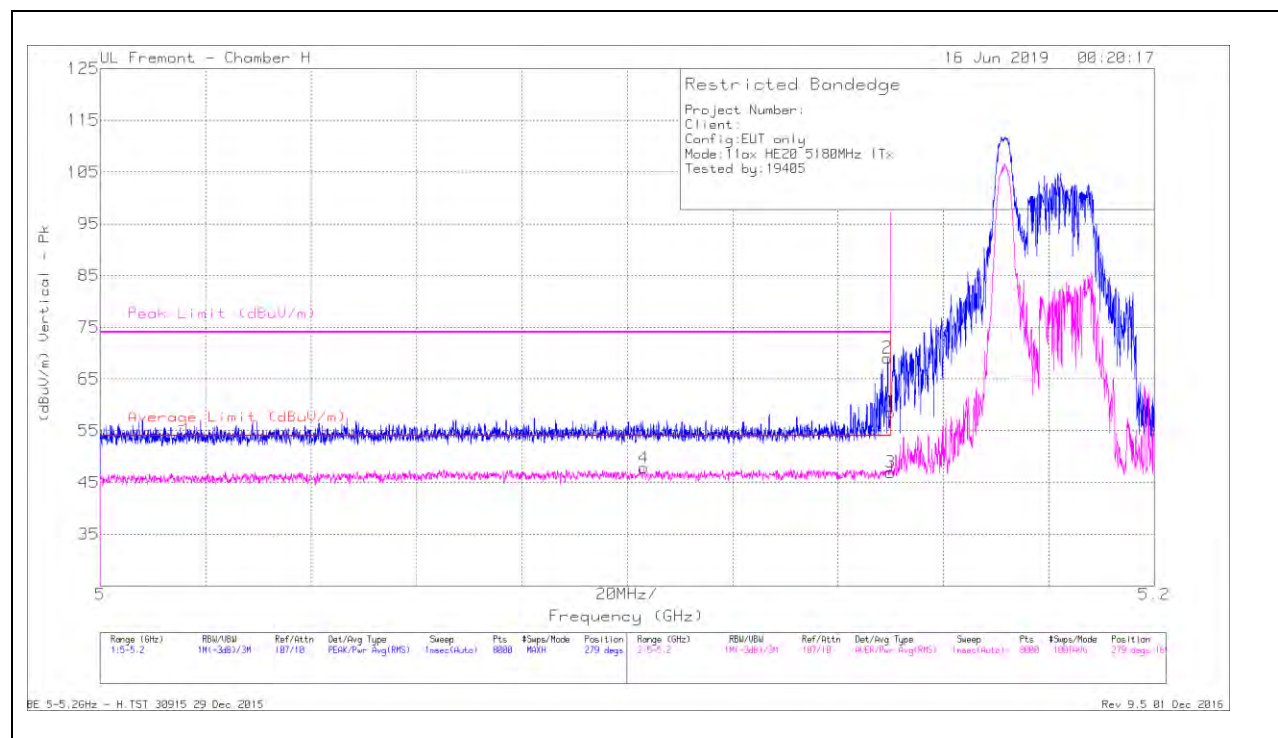
Pk - Peak detector

RMS - RMS detection

1TX Antenna 6 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



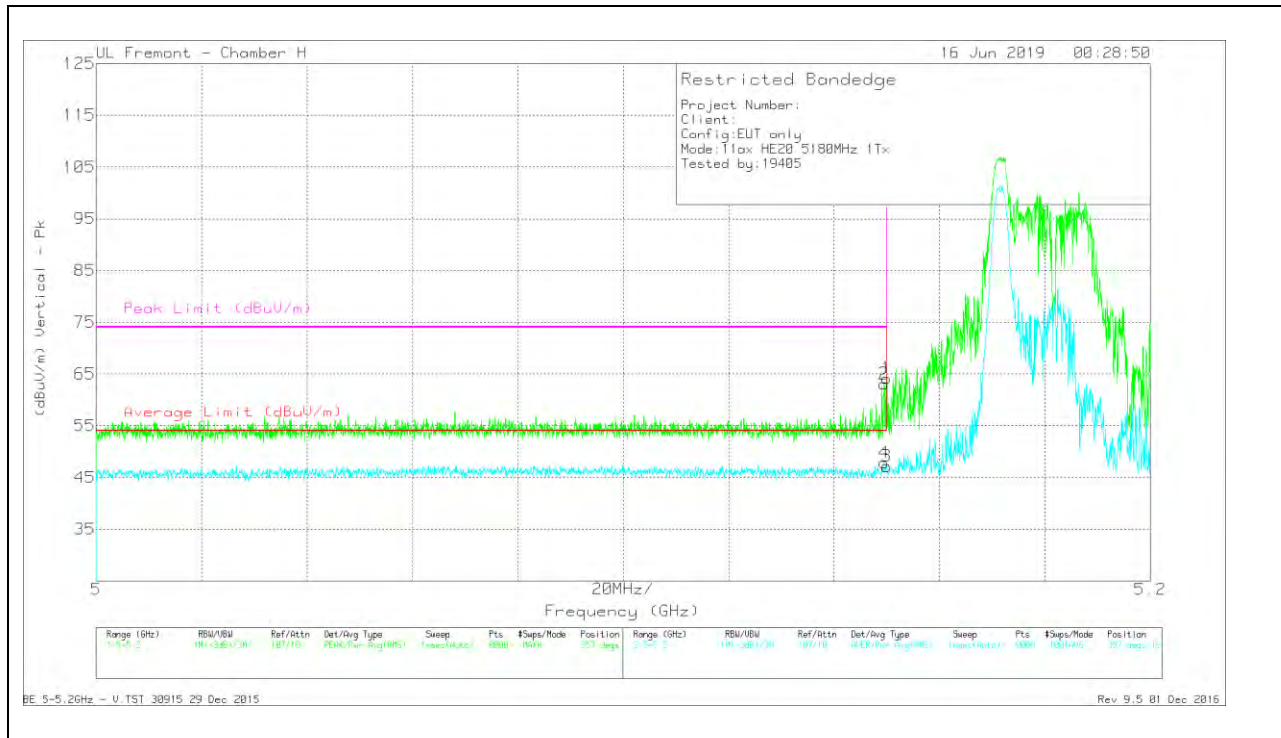
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.11	Pk	34.4	-20.9	58.61	-	-	74	-15.39	279	169	H
2	* 5.149	55.66	Pk	34.4	-21	69.06	-	-	74	-4.94	279	169	H
3	* 5.15	33.44	RMS	34.4	-20.9	46.94	54	-7.06	-	-	279	169	H
4	* 5.103	34.34	RMS	34.4	-20.9	47.84	54	-6.16	-	-	279	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	AFT863 (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	* 5.15	50.7	Pk	34.4	-20.9	64.2	-	-	74	-9.8	357	167	V
2	* 5.15	49.66	Pk	34.4	-21	63.06	-	-	74	-10.94	357	167	V
3	* 5.15	33.68	RMS	34.4	-20.9	47.18	54	-6.82	-	-	357	167	V
4	* 5.149	34.43	RMS	34.4	-21	47.83	54	-6.17	-	-	357	167	V

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

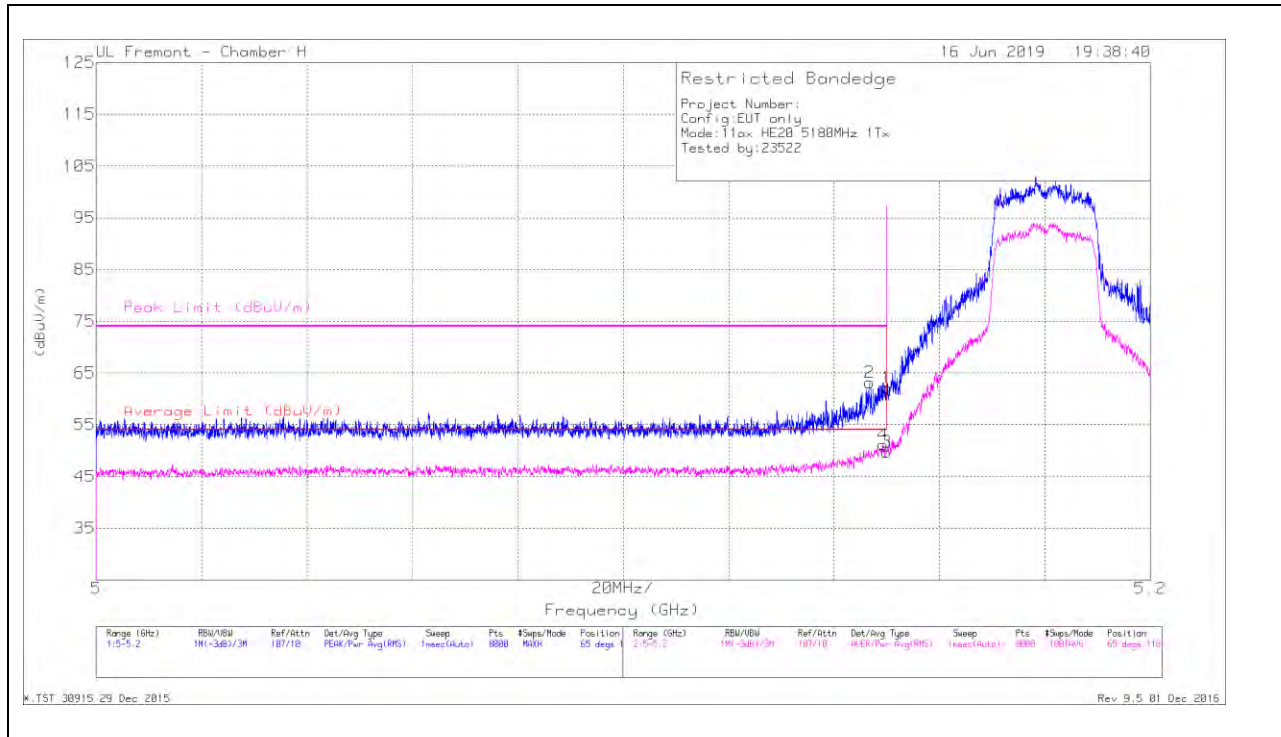
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



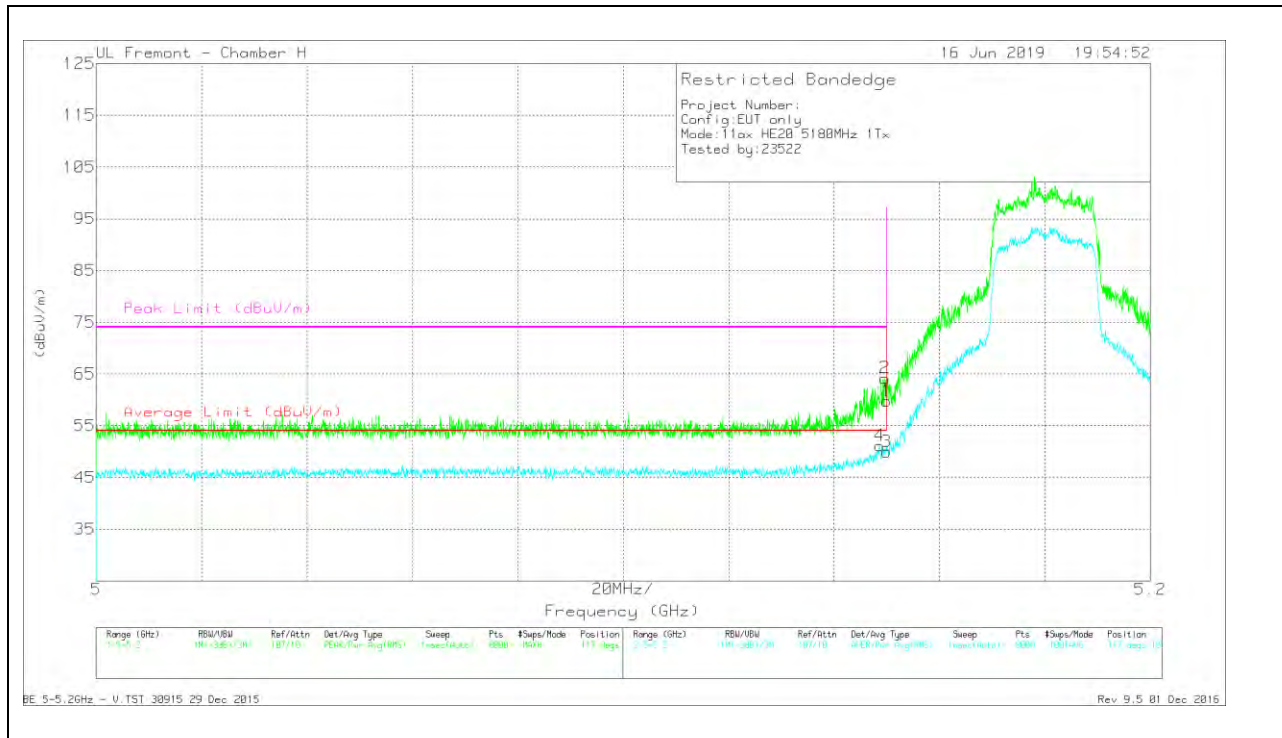
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.7	Pk	34.4	-20.9	62.2	-	-	74	-11.8	65	118	H
2	* 5.147	49.84	Pk	34.3	-21	63.14	-	-	74	-10.86	65	118	H
3	* 5.15	36.19	RMS	34.4	-20.9	49.69	54	-4.31	-	-	65	118	H
4	* 5.149	37.7	RMS	34.4	-21	51.1	54	-2.9	-	-	65	118	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	AFT863 (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	* 5.15	46.31	Pk	34.4	-20.9	59.81	-	-	74	-14.19	117	105	V
2	* 5.15	50.71	Pk	34.4	-20.9	64.21	-	-	74	-9.79	117	105	V
3	* 5.15	36.5	RMS	34.4	-20.9	50	54	-4	-	-	117	105	V
4	* 5.149	37.85	RMS	34.3	-21	51.15	54	-2.85	-	-	117	105	V

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

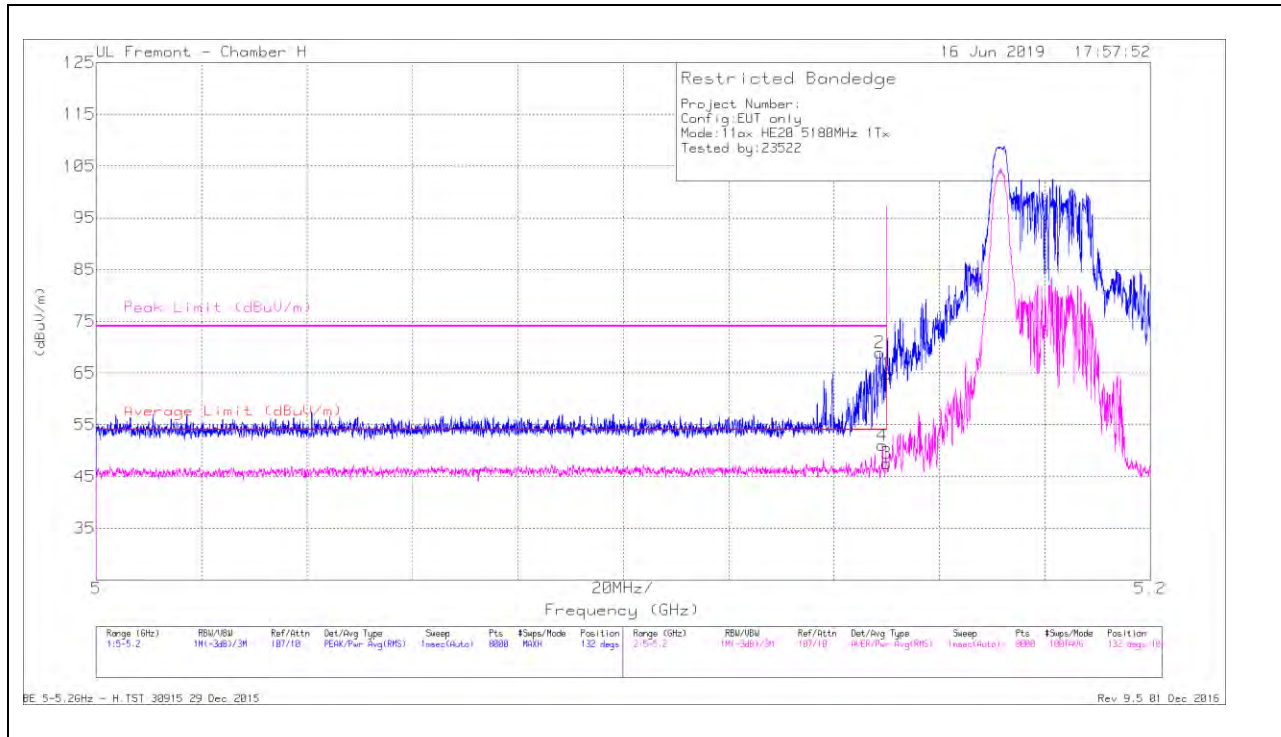
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



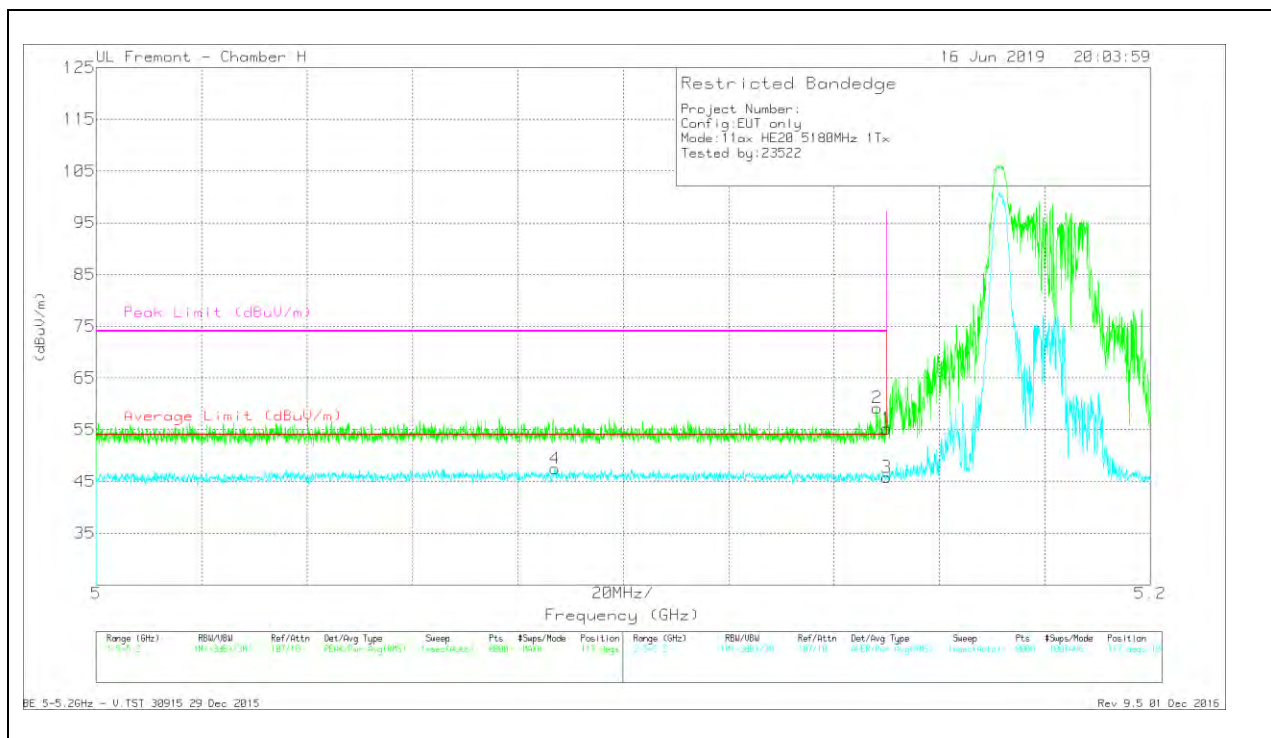
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.27	Pk	34.4	-20.9	64.77	-	-	74	-9.23	132	102	H
2	* 5.149	55.62	Pk	34.3	-21	68.92	-	-	74	-5.08	132	102	H
3	* 5.15	34.04	RMS	34.4	-20.9	47.54	54	-6.46	-	-	132	102	H
4	* 5.149	37.58	RMS	34.4	-21	50.98	54	-3.02	-	-	132	102	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

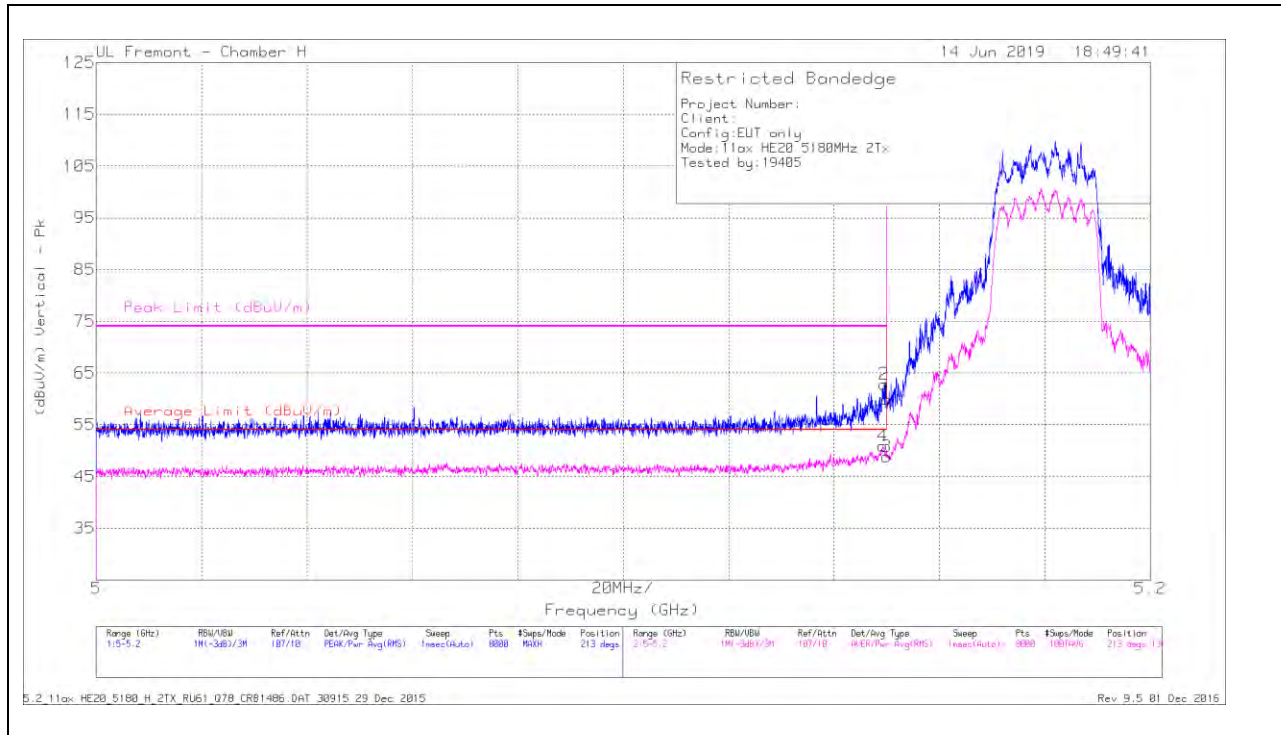


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.72	Pk	34.4	-20.9	55.22	-	-	74	-18.78	117	105	V
2	* 5.148	45.91	Pk	34.3	-21	59.21	-	-	74	-14.79	117	105	V
3	* 5.15	32.29	RMS	34.4	-20.9	45.79	54	-8.21	-	-	117	105	V
4	* 5.087	34.07	RMS	34.3	-20.9	47.47	54	-6.53	-	-	117	105	V

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

Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 OFDMA MODE – 242 Tones, RU Index 61**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

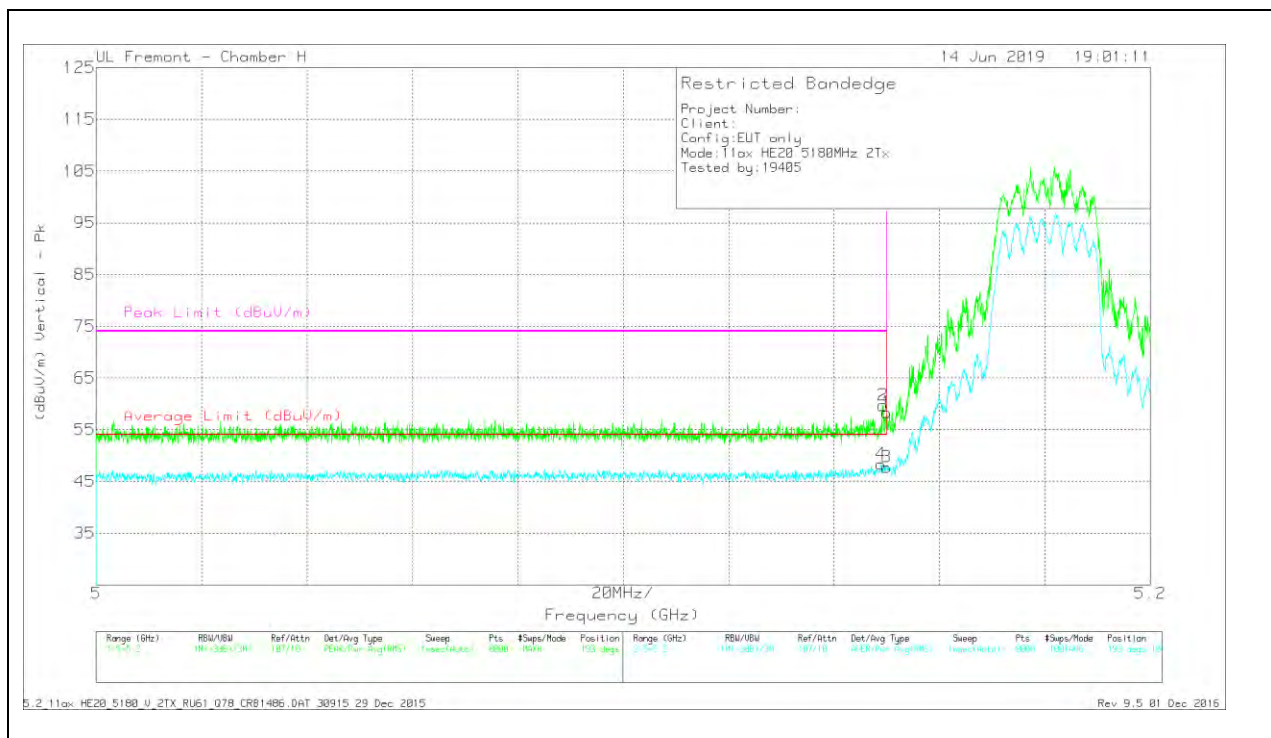
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.42	Pk	34.4	-20.9	59.92	-	-	74	-14.08	213	130	H
2	* 5.15	49.42	Pk	34.4	-21	62.82	-	-	74	-11.18	213	130	H
3	* 5.15	35.35	RMS	34.4	-20.9	48.85	54	-5.15	-	-	213	130	H
4	* 5.149	37.48	RMS	34.4	-21	50.88	54	-3.12	-	-	213	130	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 T863 (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	* 5.15	44.85	Pk	34.4	-20.9	58.35	-	-	74	-15.65	193	100	V
2	* 5.149	46.31	Pk	34.4	-21	59.71	-	-	74	-14.29	193	100	V
3	* 5.15	34.27	RMS	34.4	-20.9	47.77	54	-6.23	-	-	193	100	V
4	* 5.149	35.03	RMS	34.3	-21	48.33	54	-5.67	-	-	193	100	V

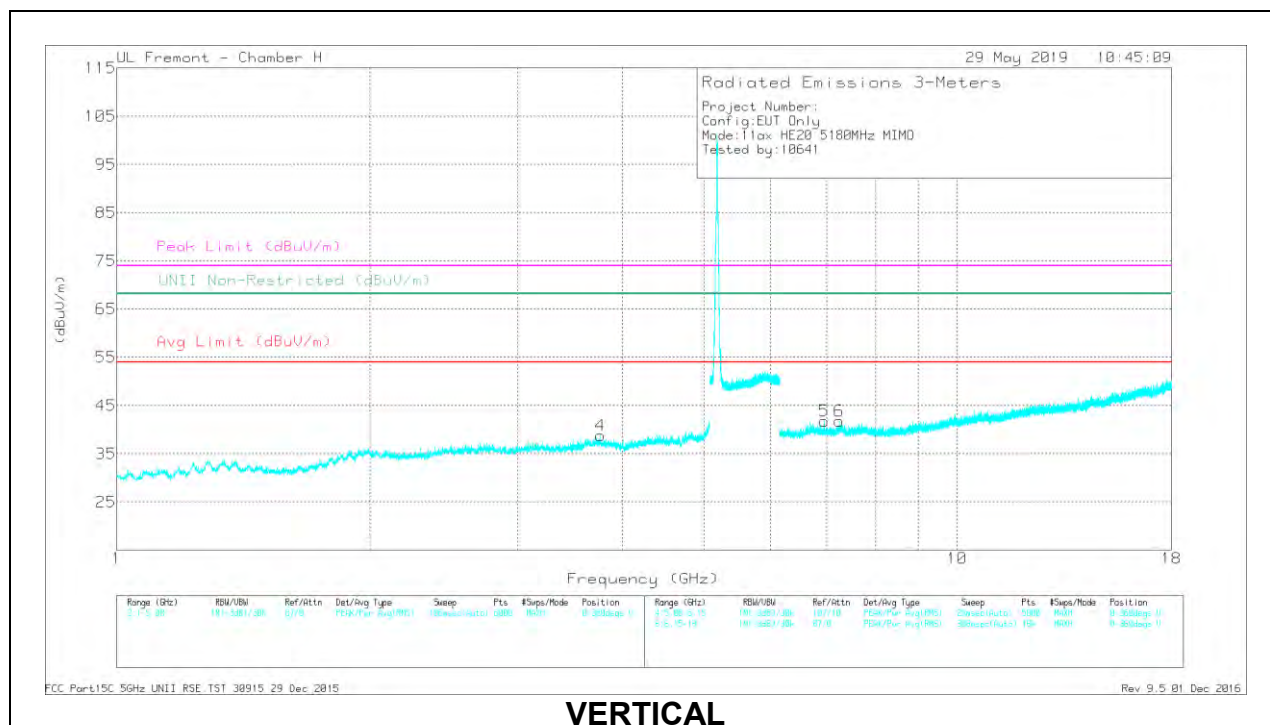
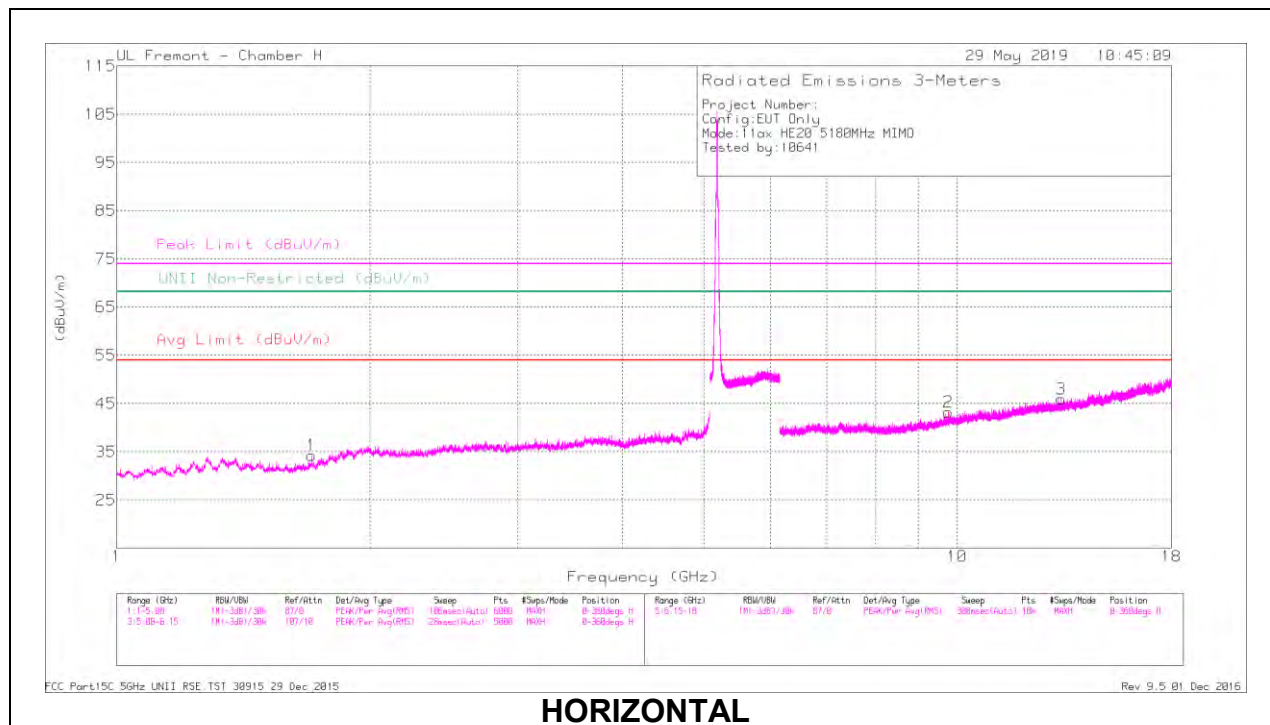
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

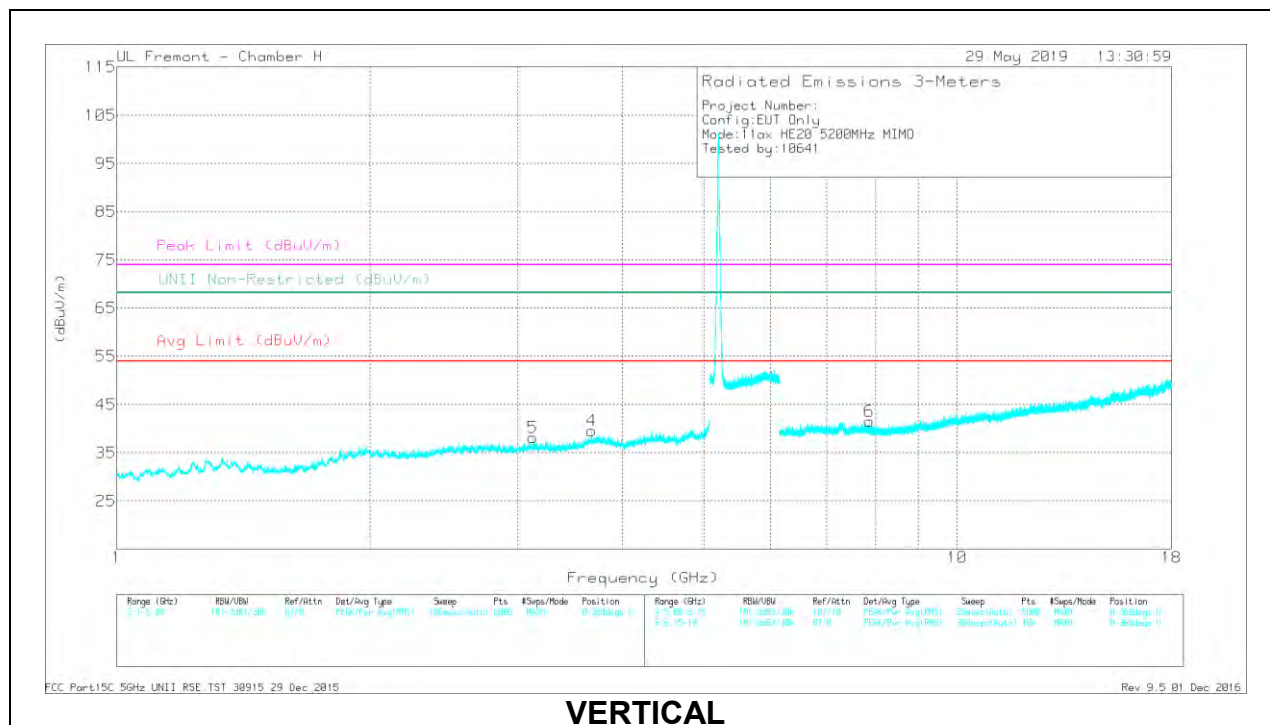
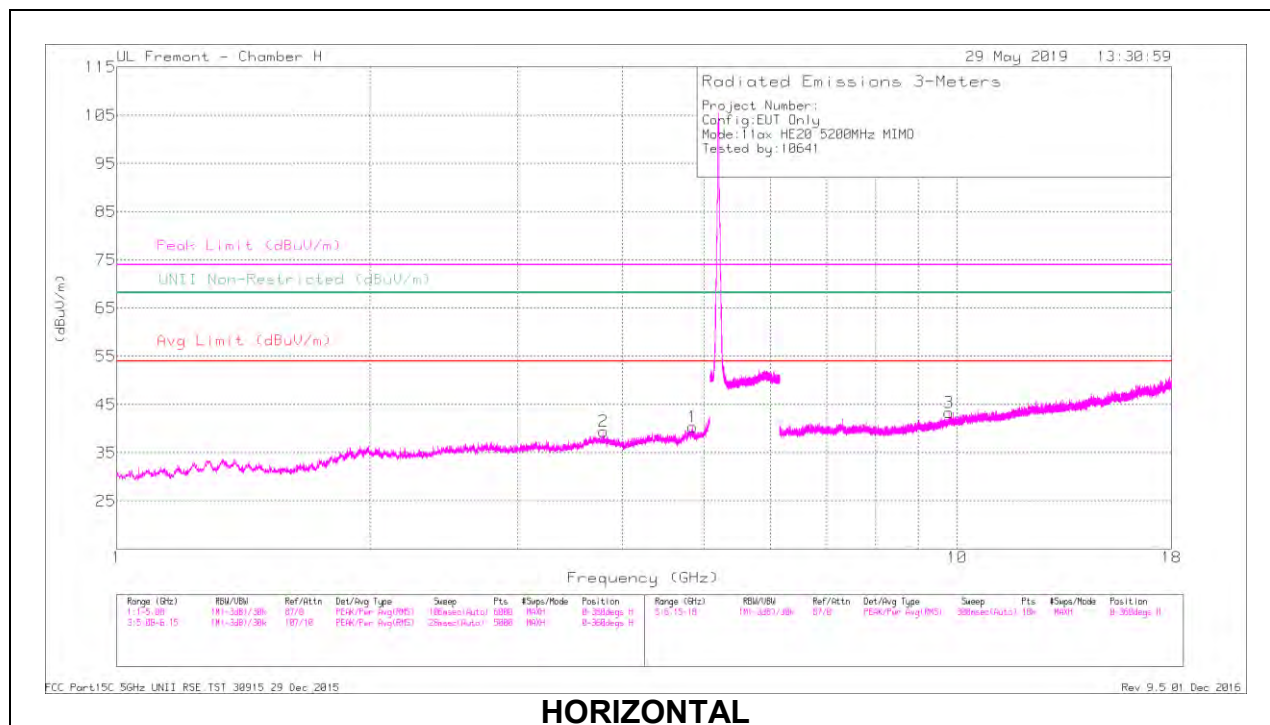
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Ch/Flt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.708	43.69	PK-U	28.8	-32.4	40.09	-	-	74	-33.91	-	-	247	319	H
	* 1.705	31.97	ADR	28.8	-32.5	28.27	54	-25.73	-	-	-	-	247	319	H
4	* 3.766	42.94	PK-U	33.3	-30.9	45.34	-	-	74	-28.66	-	-	64	209	V
	* 3.761	30.15	ADR	33.3	-30.9	32.55	54	-21.45	-	-	-	-	64	209	V
3	* 13.304	36.02	PK-U	39.6	-23.4	52.22	-	-	74	-21.78	-	-	201	129	H
	* 13.304	24.29	ADR	39.6	-23.4	40.49	54	-13.51	-	-	-	-	201	129	H
5	6.953	38.4	PK-U	36.4	-27.7	47.1	-	-	-	-	68.2	-21.1	334	175	V
6	7.247	38.39	PK-U	36.4	-26.4	48.39	-	-	-	-	68.2	-19.81	274	342	V
2	9.773	36.79	PK-U	37	-24.7	49.09	-	-	-	-	68.2	-19.11	22	380	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

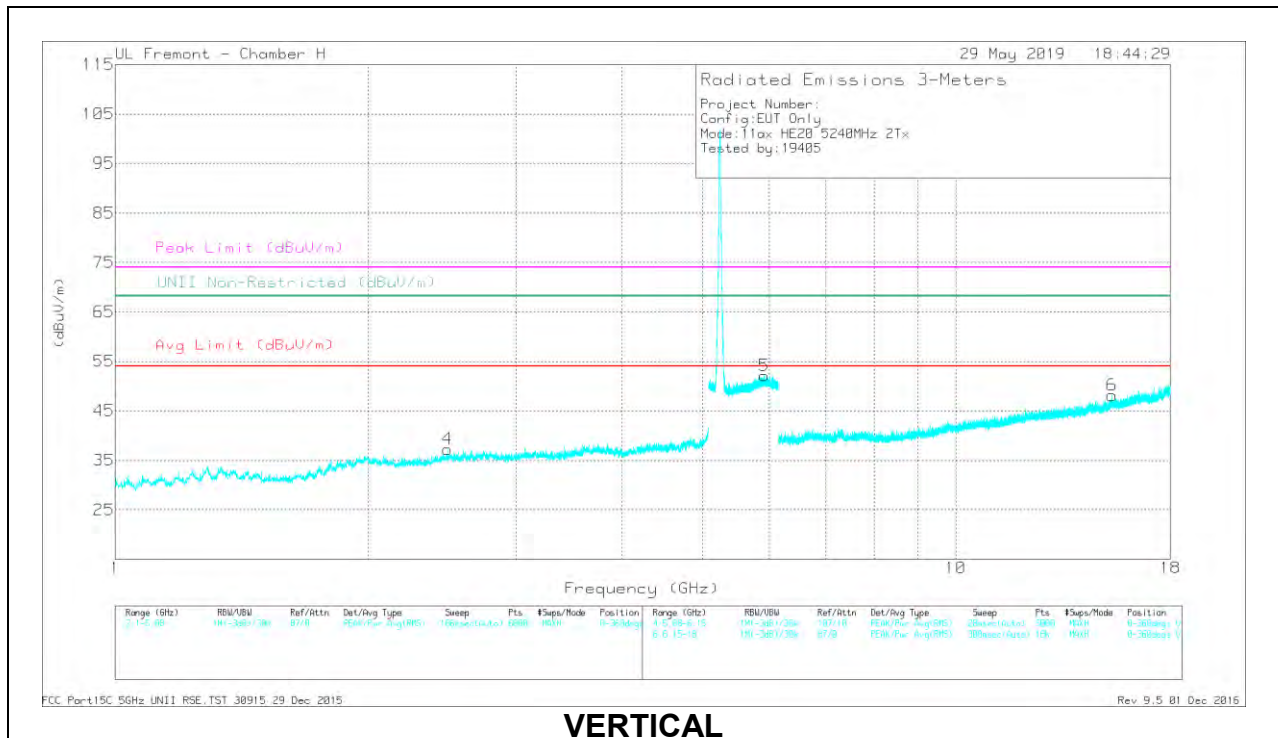
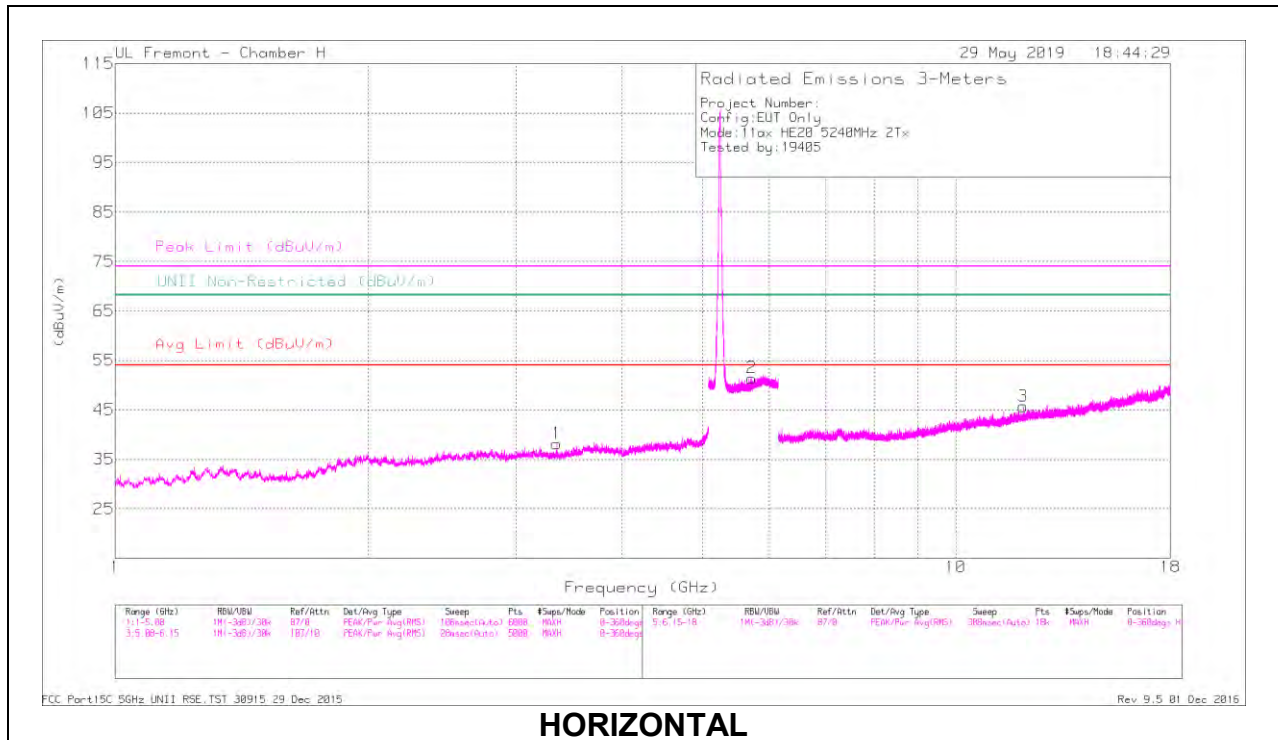
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.843	41.78	PK-U	34.1	-30.1	45.78	-	-	74	-28.22	-	-	251	302	H
	* 4.845	29.84	ADR	34	-30.1	33.74	54	-20.26	-	-	-	-	251	302	H
2	* 3.795	41.68	PK-U	33.5	-30.9	44.28	-	-	74	-29.72	-	-	0	233	H
	* 3.797	30.12	ADR	33.5	-30.9	32.72	54	-21.28	-	-	-	-	0	233	H
4	* 3.677	41.43	PK-U	33.1	-30.7	43.83	-	-	74	-30.17	-	-	100	292	V
	* 3.677	29.62	ADR	33.1	-30.7	32.02	54	-21.98	-	-	-	-	100	292	V
5	3.125	42.97	PK-U	32.7	-31.5	44.17	-	-	-	-	68.2	-24.03	232	296	V
6	7.868	37.95	PK-U	36.2	-26.1	48.05	-	-	-	-	68.2	-20.15	73	207	V
3	9.774	36.81	PK-U	37	-24.7	49.11	-	-	-	-	68.2	-19.09	4	130	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/Ch/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.35	41.98	PK-U	32.7	-30.8	43.88	-	-	74	-30.12	-	-	266	221	H
	* 3.351	30.07	ADR	32.7	-30.8	31.97	54	-22.03	-	-	-	-	266	221	H
4	* 2.493	44.34	PK-U	32.3	-31.7	44.94	-	-	74	-29.06	-	-	148	269	V
	* 2.494	31.5	ADR	32.3	-31.7	32.1	54	-21.9	-	-	-	-	148	269	V
3	* 12.033	35.5	PK-U	38.9	-23.3	51.1	-	-	74	-22.9	-	-	35	277	H
	* 12.035	24.54	ADR	38.9	-23.2	40.24	54	-13.76	-	-	-	-	35	277	H
2	5.716	31.85	ADR	35.1	-20.8	46.15	-	-	-	-	-	-	319	125	H
	5.717	43.15	PK-U	35.1	-20.8	57.45	-	-	-	-	68.2	-10.75	319	125	H
5	5.918	32.11	ADR	35.6	-20.3	47.41	-	-	-	-	-	-	235	191	V
	5.92	43.36	PK-U	35.6	-20.3	58.66	-	-	-	-	68.2	-9.54	235	191	V
6	15.346	35.57	PK-U	40.7	-21.9	54.37	-	-	-	-	68.2	-13.83	314	152	V
	15.346	24.52	ADR	40.8	-21.9	43.42	-	-	-	-	-	-	314	152	V

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

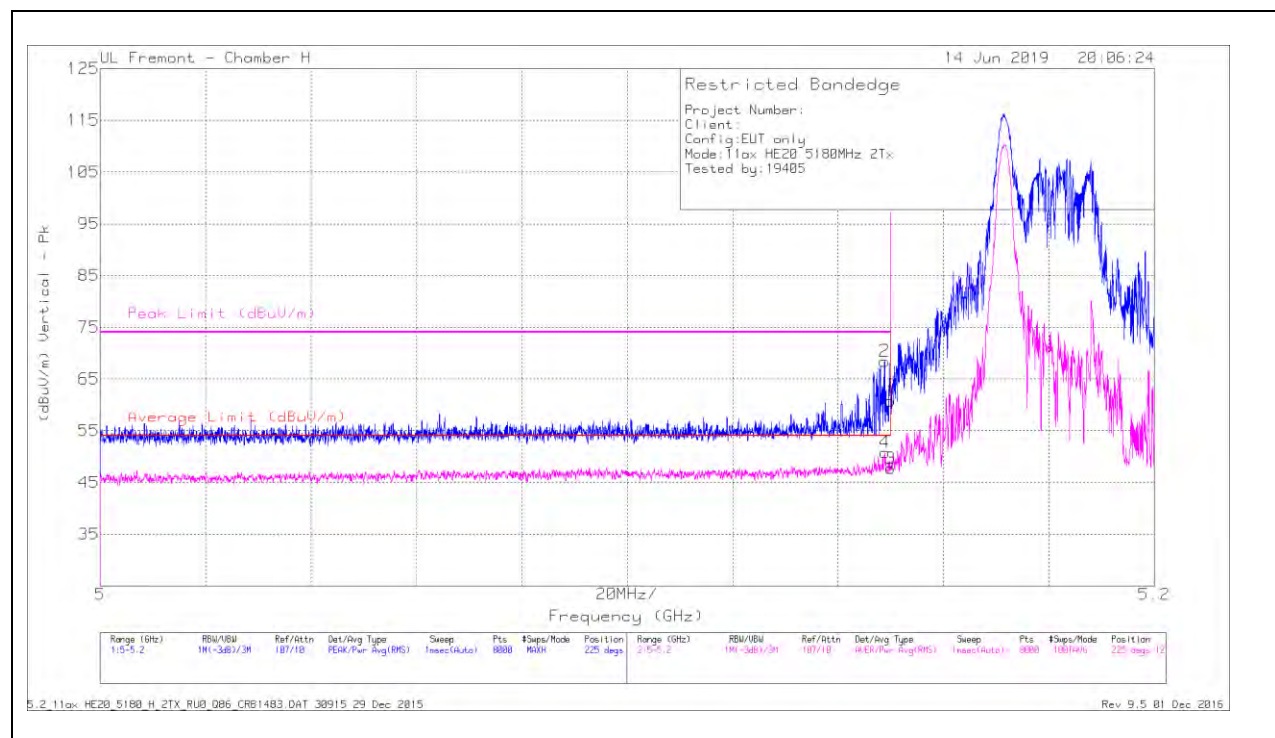
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



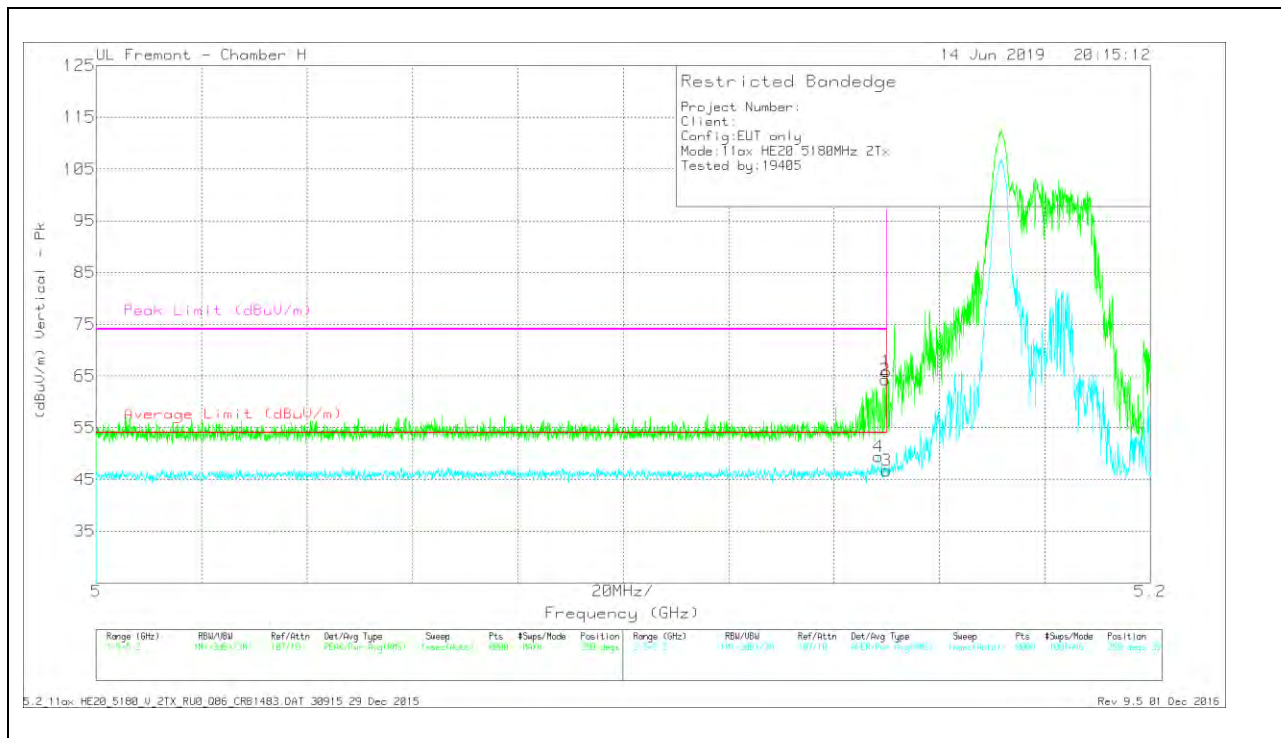
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.24	Pk	34.4	-20.9	60.74	-	-	74	-13.26	225	127	H
2	* 5.149	55.13	Pk	34.3	-21	68.43	-	-	74	-5.57	225	127	H
3	* 5.15	34.19	RMS	34.4	-20.9	47.69	54	-6.31	-	-	225	127	H
4	* 5.149	37.49	RMS	34.3	-21	50.79	54	-3.21	-	-	225	127	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 T863 (dB/m)	Amp/Cb/Fltr/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	* 5.15	52.39	Pk	34.4	-20.9	65.89	-	-	74	-8.11	250	391	V
2	* 5.15	50.77	Pk	34.4	-20.9	64.27	-	-	74	-9.73	250	391	V
3	* 5.15	33.21	RMS	34.4	-20.9	46.71	54	-7.29	-	-	250	391	V
4	* 5.148	36.11	RMS	34.3	-21	49.41	54	-4.59	-	-	250	391	V

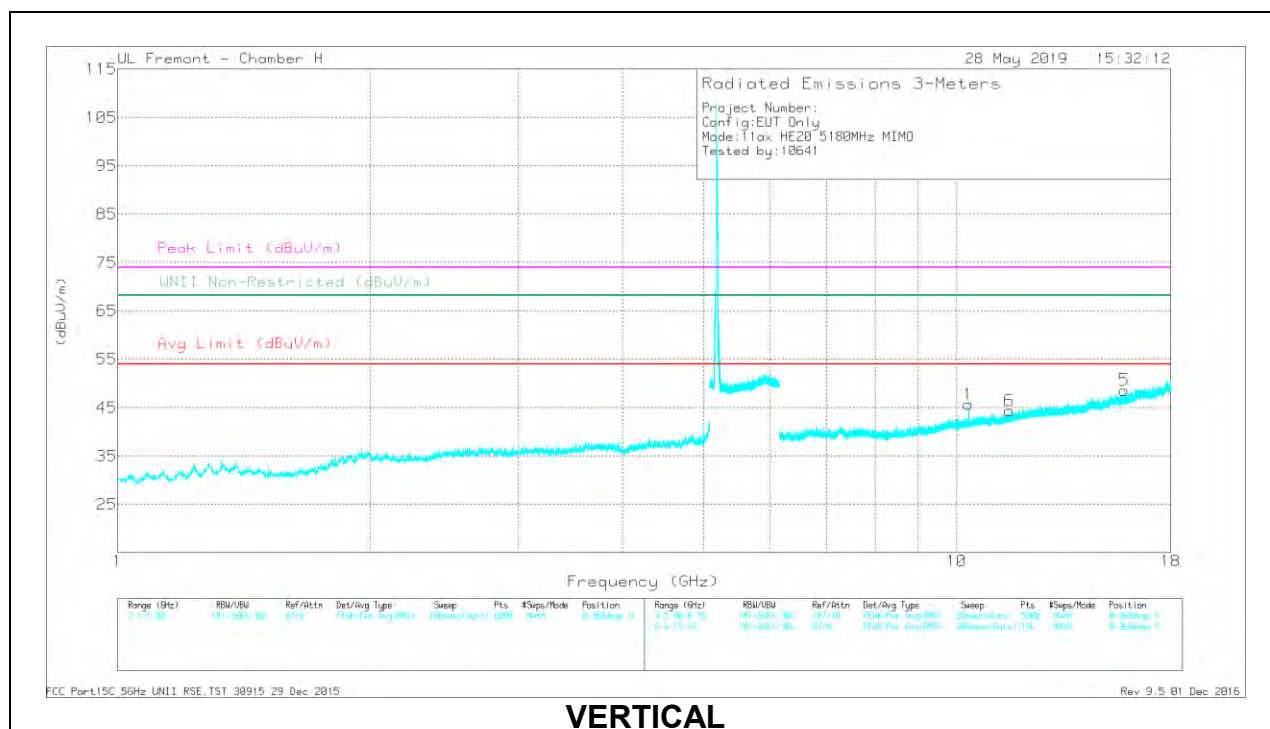
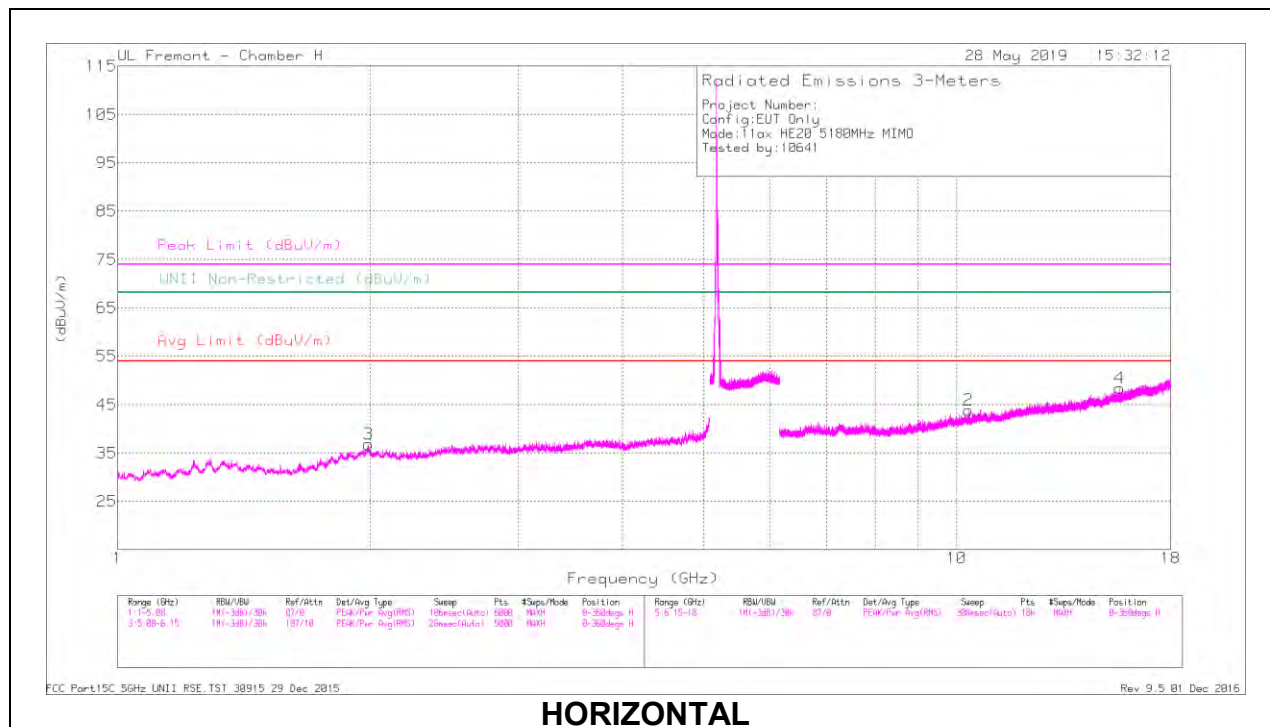
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

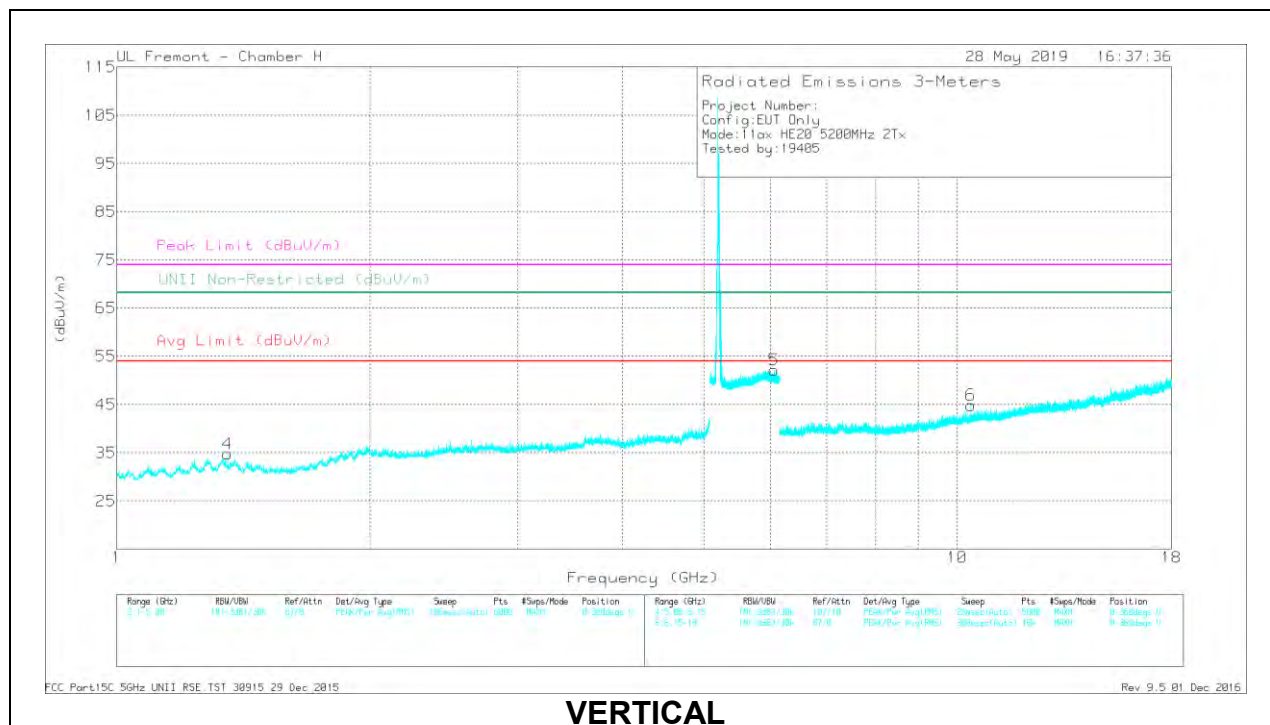
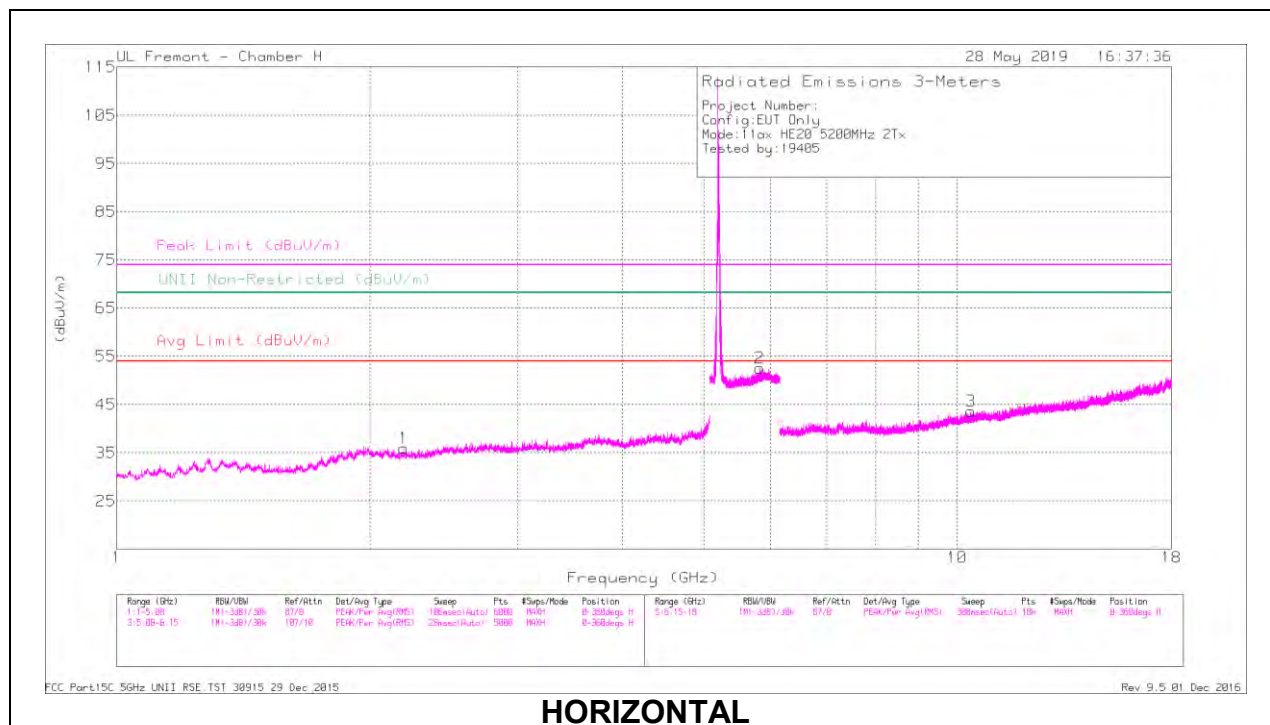
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 15.648	35.78	PK-U	40.7	-22.9	53.58	-	-	74	-20.42	-	-	126	130	H
	* 15.648	25.09	ADR	40.7	-22.9	42.89	54	-11.11	-	-	-	-	126	130	H
5	* 15.843	35.46	PK-U	40.7	-21.8	54.36	-	-	74	-19.64	-	-	142	143	V
	* 15.844	24.46	ADR	40.6	-21.7	43.36	54	-10.64	-	-	-	-	142	143	V
6	* 11.567	35.82	PK-U	38.4	-23.6	50.62	-	-	74	-23.38	-	-	201	159	V
	* 11.568	24.67	ADR	38.3	-23.6	39.37	54	-14.63	-	-	-	-	201	159	V
3	1.989	44.11	PK-U	31.9	-32.3	43.71	-	-	-	-	68.2	-24.49	148	121	H
1	10.342	39.41	PK-U	37.5	-24	52.91	-	-	-	-	68.2	-15.29	193	118	V
2	10.343	37.6	PK-U	37.5	-23.9	51.2	-	-	-	-	68.2	-17	160	110	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

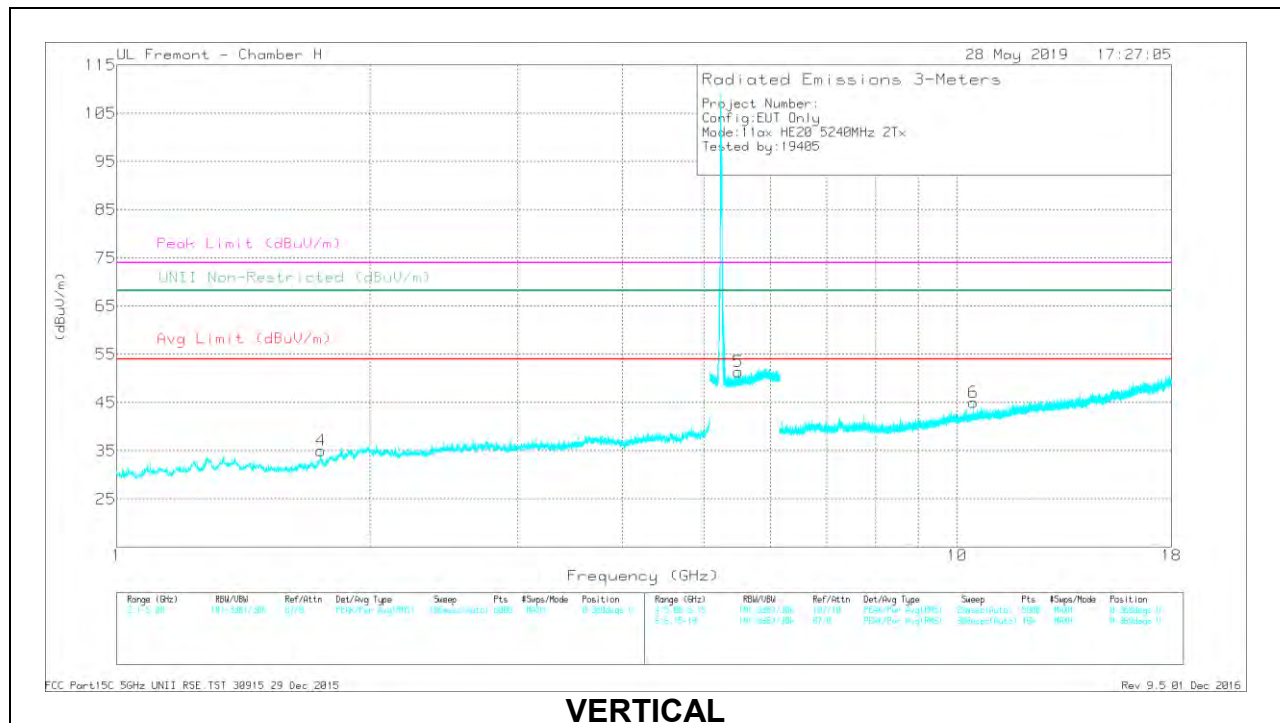
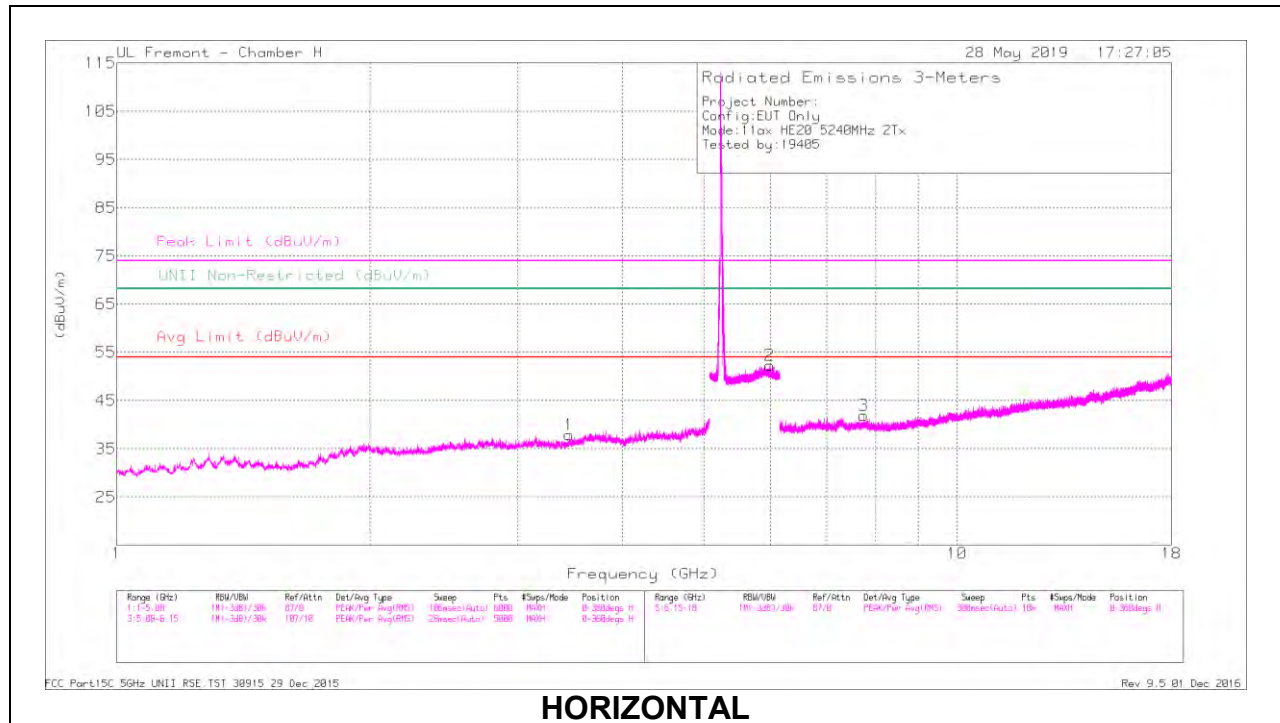
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.355	43.51	PK-U	29.6	-33	40.11	-	-	74	-33.89	-	-	351	162	V
	* 1.354	32.07	ADR	29.6	-32.9	28.77	54	-25.23	-	-	-	-	351	162	V
1	2.194	43.06	PK-U	31.2	-31.9	42.36	-	-	-	-	68.2	-25.84	278	220	H
2	5.819	43.36	PK-U	35.4	-20.3	58.46	-	-	-	-	68.2	-9.74	179	247	H
5	6.062	42.59	PK-U	35.7	-19.9	58.39	-	-	-	-	68.2	-9.81	227	154	V
6	10.38	36.3	PK-U	37.5	-24.1	49.7	-	-	-	-	68.2	-18.5	256	364	V
3	10.384	37.35	PK-U	37.5	-24.1	50.75	-	-	-	-	68.2	-17.45	317	187	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/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
3	* 7.745	39.3	PK-U	36.5	-27.1	48.7	-	-	74	-25.3	-	-	329	235	H
	* 7.749	27.26	ADR	36.4	-27	36.66	54	-17.34	-	-	-	-	329	235	H
4	1.748	44.15	PK-U	29.5	-32.5	41.15	-	-	-	-	68.2	-27.05	183	215	V
1	3.456	42.4	PK-U	32.8	-31.1	44.1	-	-	-	-	68.2	-24.1	222	343	H
5	5.493	42.93	PK-U	34.5	-20.5	56.93	-	-	-	-	68.2	-11.27	267	151	V
2	5.983	42.71	PK-U	35.6	-20	58.31	-	-	-	-	68.2	-9.89	308	125	H
6	10.463	36.82	PK-U	37.6	-23.9	50.52	-	-	-	-	68.2	-17.68	148	263	V

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

PK-U - U-NII: Maximum Peak

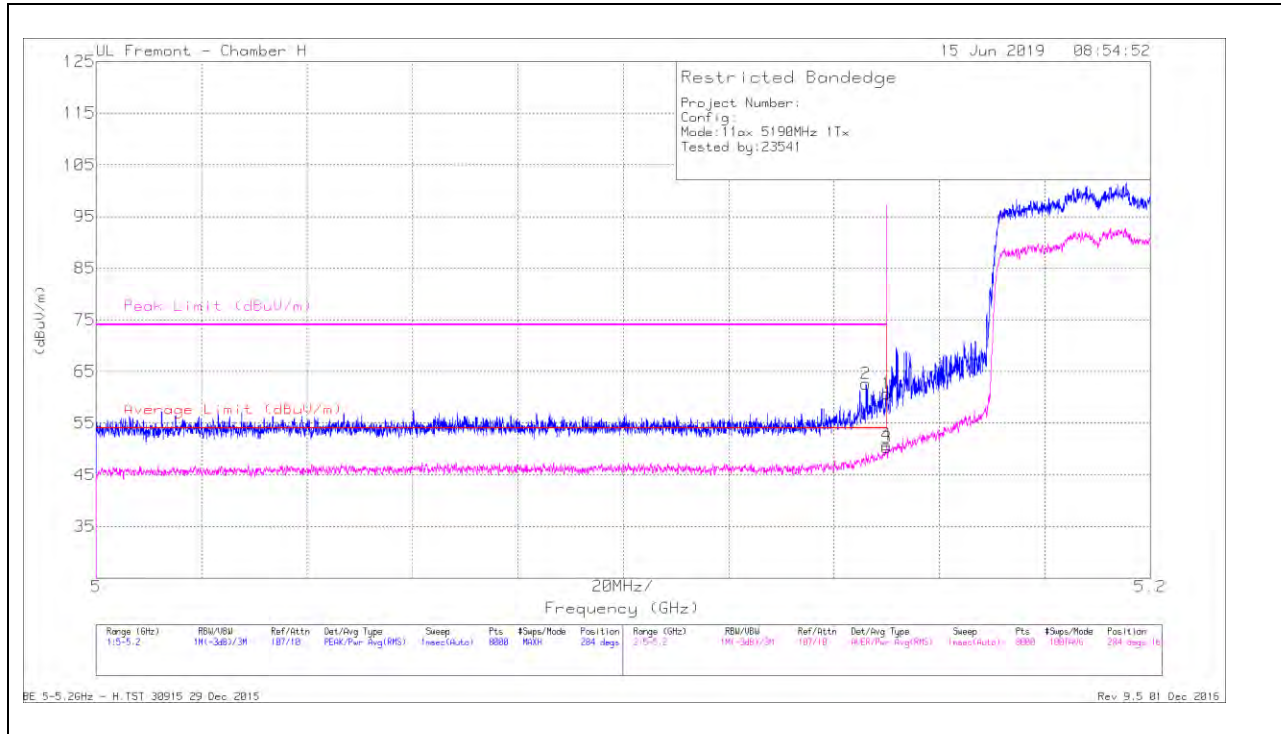
ADR - U-NII AD primary method, RMS average

1.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



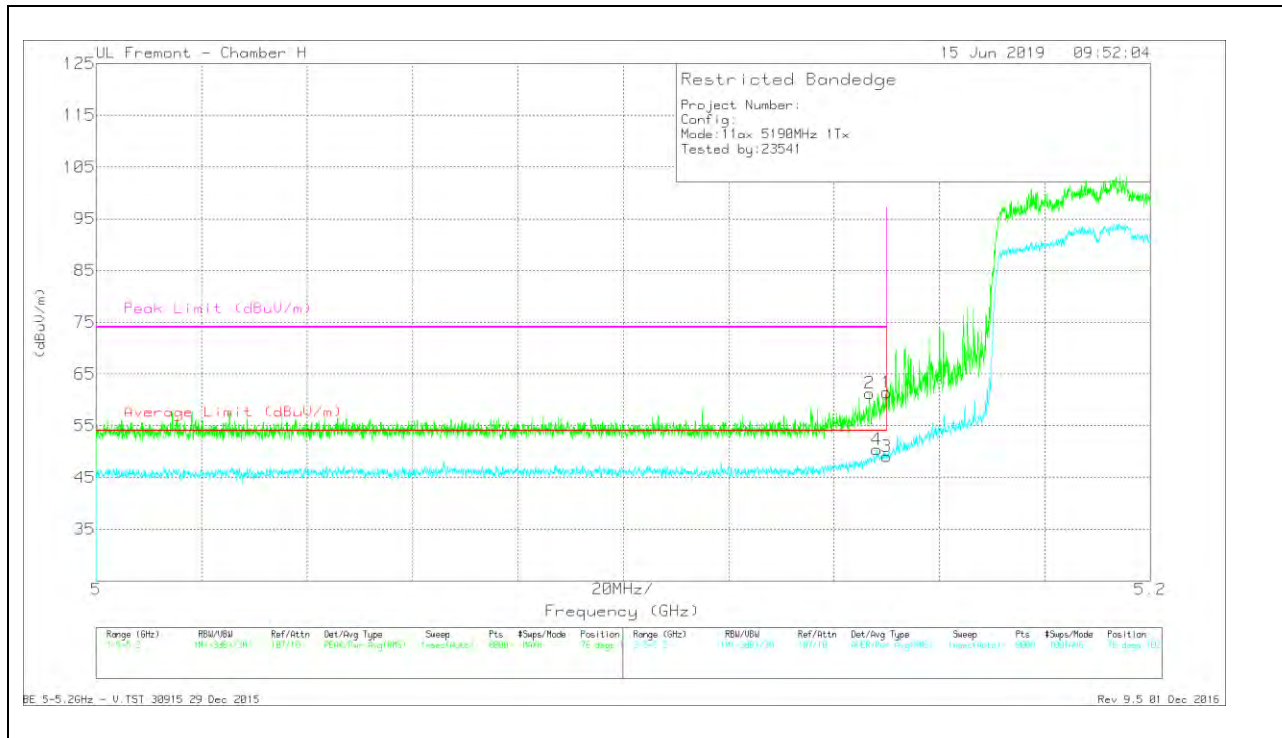
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.2	Pk	34.4	-20.9	60.7	-	-	74	-13.3	284	162	H
2	* 5.146	49.34	Pk	34.3	-21	62.64	-	-	74	-11.36	284	162	H
3	* 5.15	36.75	RMS	34.4	-20.9	50.25	54	-3.75	-	-	284	162	H
4	* 5.15	37.28	RMS	34.4	-20.9	50.78	54	-3.22	-	-	284	162	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

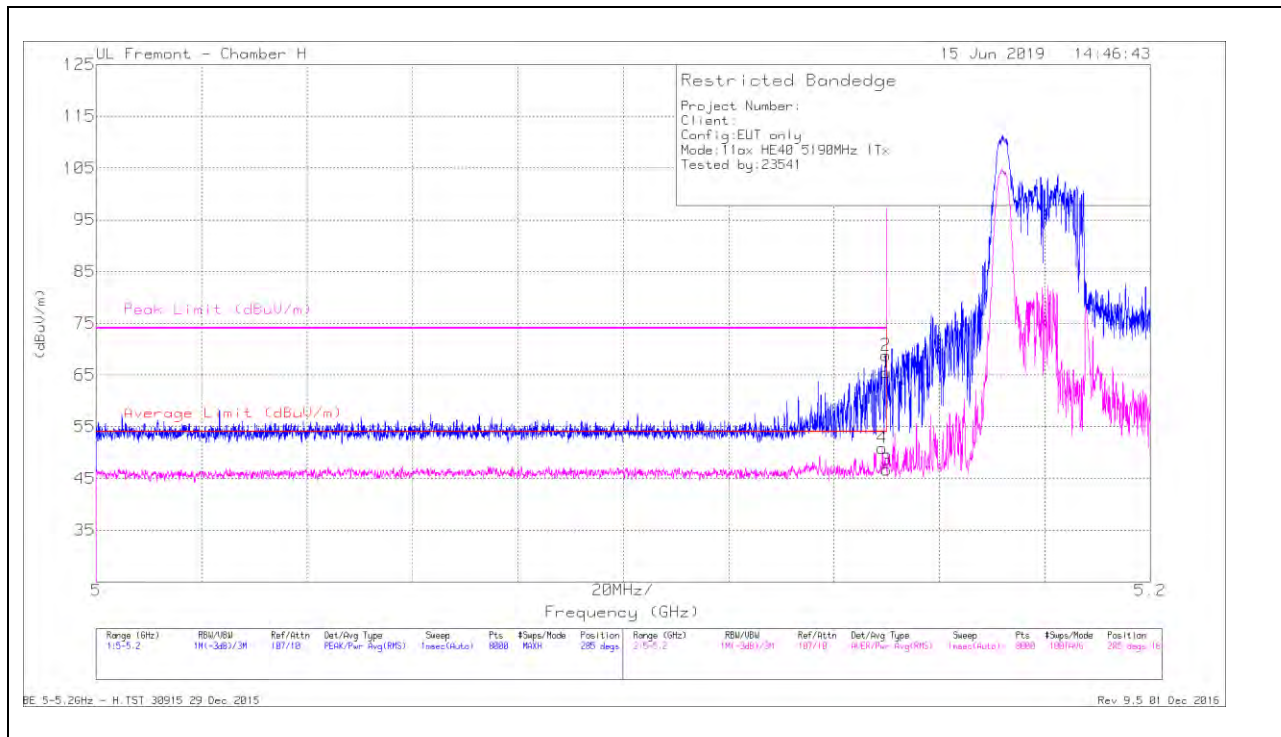


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.147	47.98	Pk	34.3	-21	61.28	-	-	74	-12.72	76	102	V
4	* 5.148	37.1	RMS	34.3	-21	50.4	54	-3.6	-	-	76	102	V
1	* 5.15	47.93	Pk	34.4	-20.9	61.43	-	-	74	-12.57	76	102	V
3	* 5.15	35.53	RMS	34.4	-20.9	49.03	54	-4.97	-	-	76	102	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 6 MODE – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

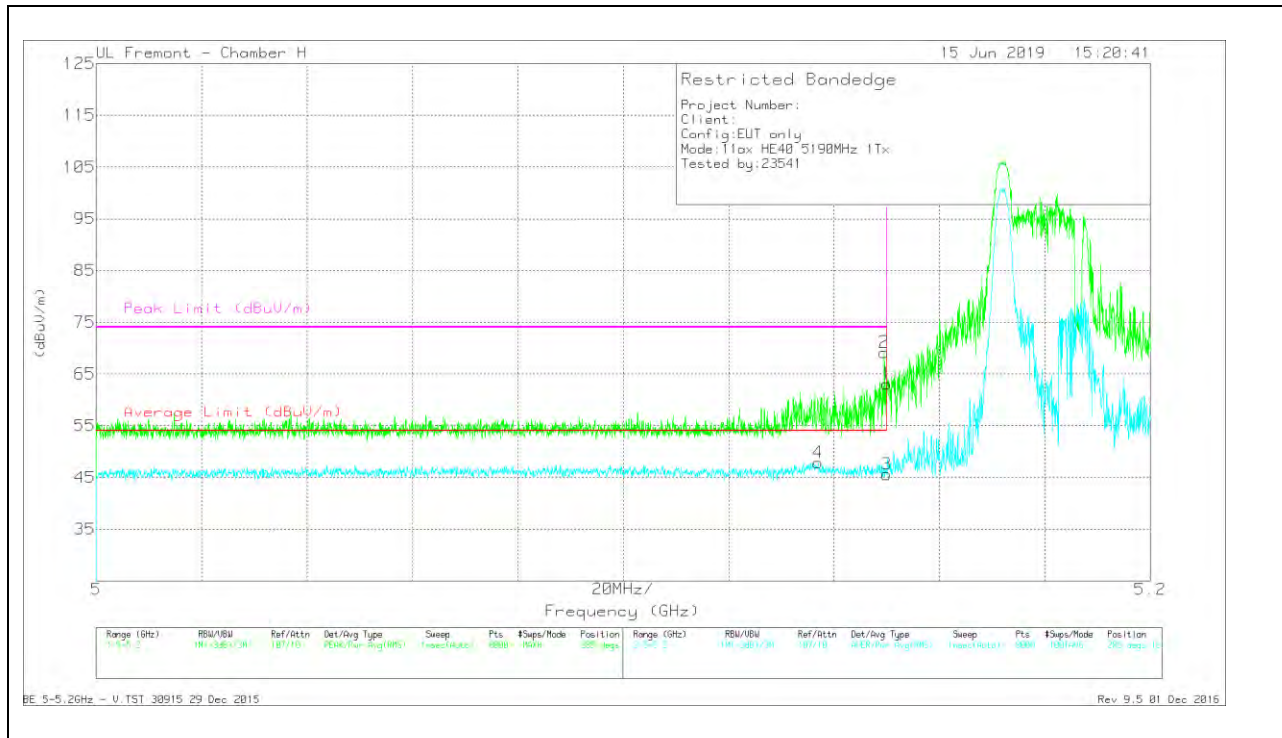
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	52.03	Pk	34.4	-20.9	65.53	-	-	74	-8.47	285	163	H
2	* 5.15	55.29	Pk	34.4	-20.9	68.79	-	-	74	-5.21	285	163	H
3	* 5.15	33.2	RMS	34.4	-20.9	46.7	54	-7.3	-	-	285	163	H
4	* 5.149	37.44	RMS	34.4	-21	50.84	54	-3.16	-	-	285	163	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 T863 (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	* 5.15	49.56	Pk	34.4	-20.9	63.06	-	-	74	-10.94	285	163	V
2	* 5.149	55.77	Pk	34.4	-21	69.17	-	-	74	-4.83	285	163	V
3	* 5.15	32.12	RMS	34.4	-20.9	45.62	54	-8.38	-	-	285	163	V
4	* 5.137	34.35	RMS	34.4	-20.9	47.85	54	-6.15	-	-	285	163	V

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

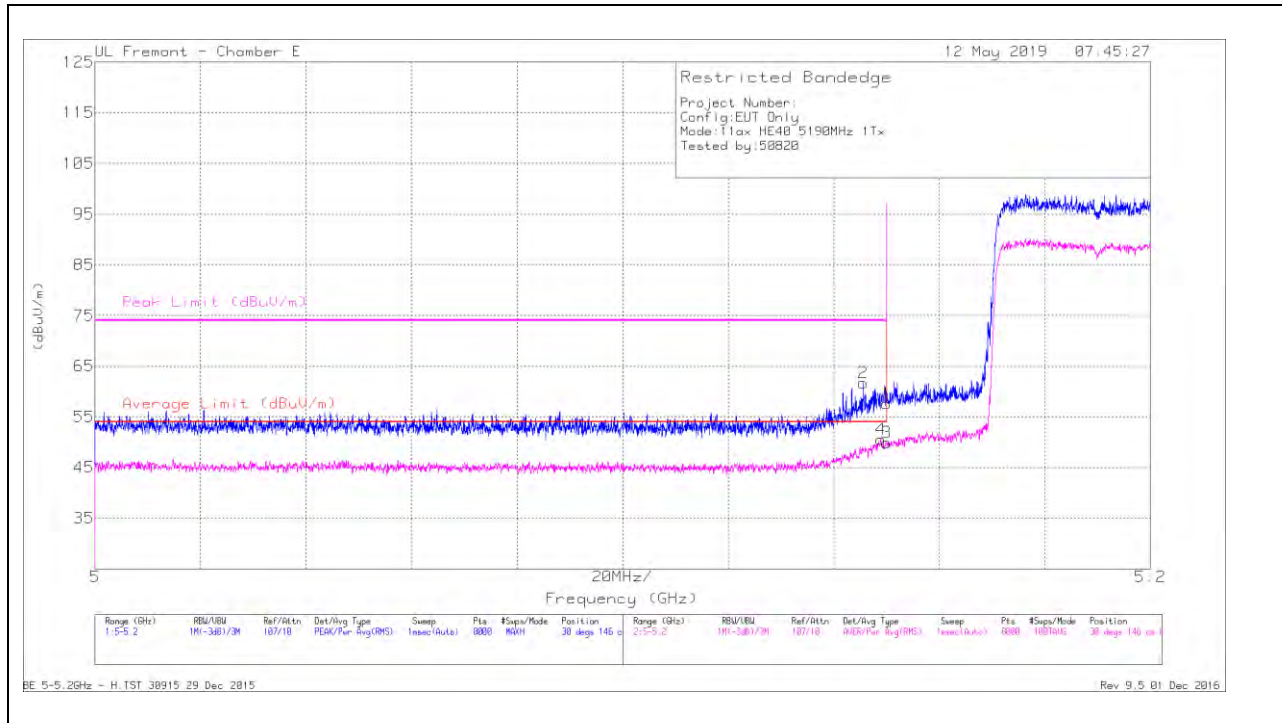
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



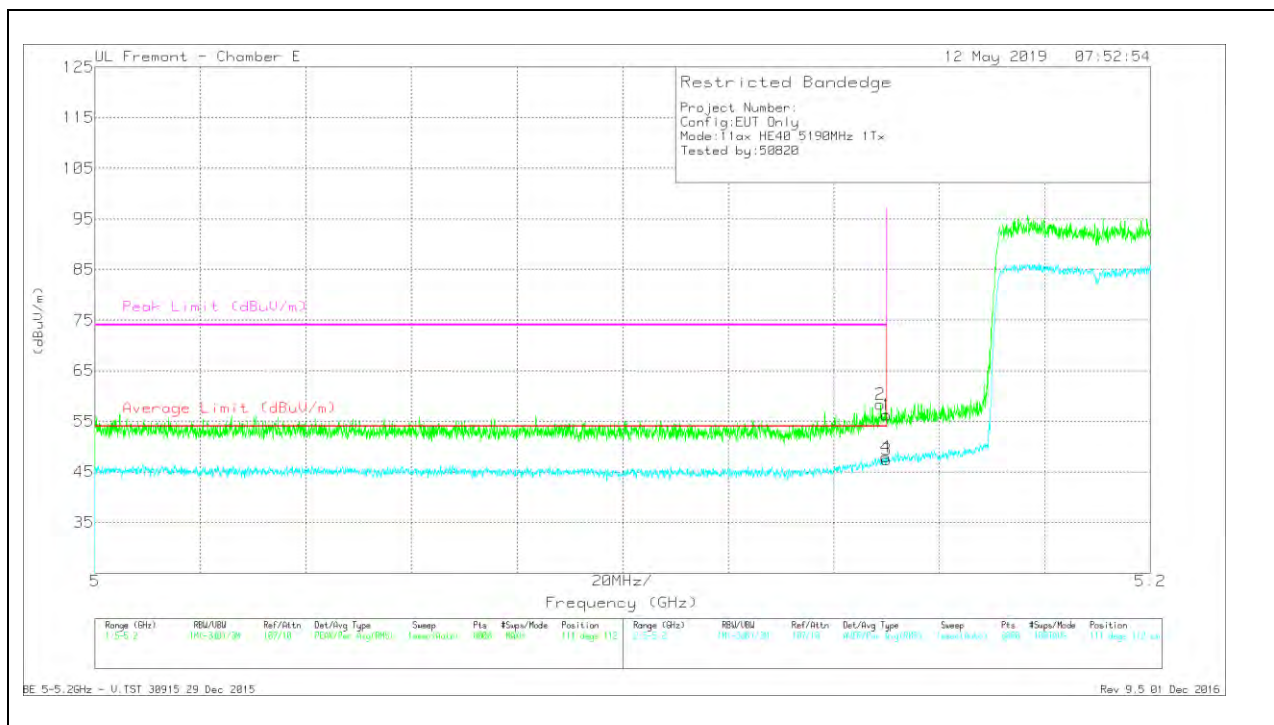
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.29	Pk	34.3	-22	57.59	-	-	74	-16.41	30	146	H
2	* 5.146	49.42	Pk	34.3	-22	61.72	-	-	74	-12.28	30	146	H
3	* 5.15	37.57	RMS	34.3	-22	49.87	54	-4.13	-	-	30	146	H
4	* 5.149	38.2	RMS	34.3	-22	50.5	54	-3.5	-	-	30	146	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

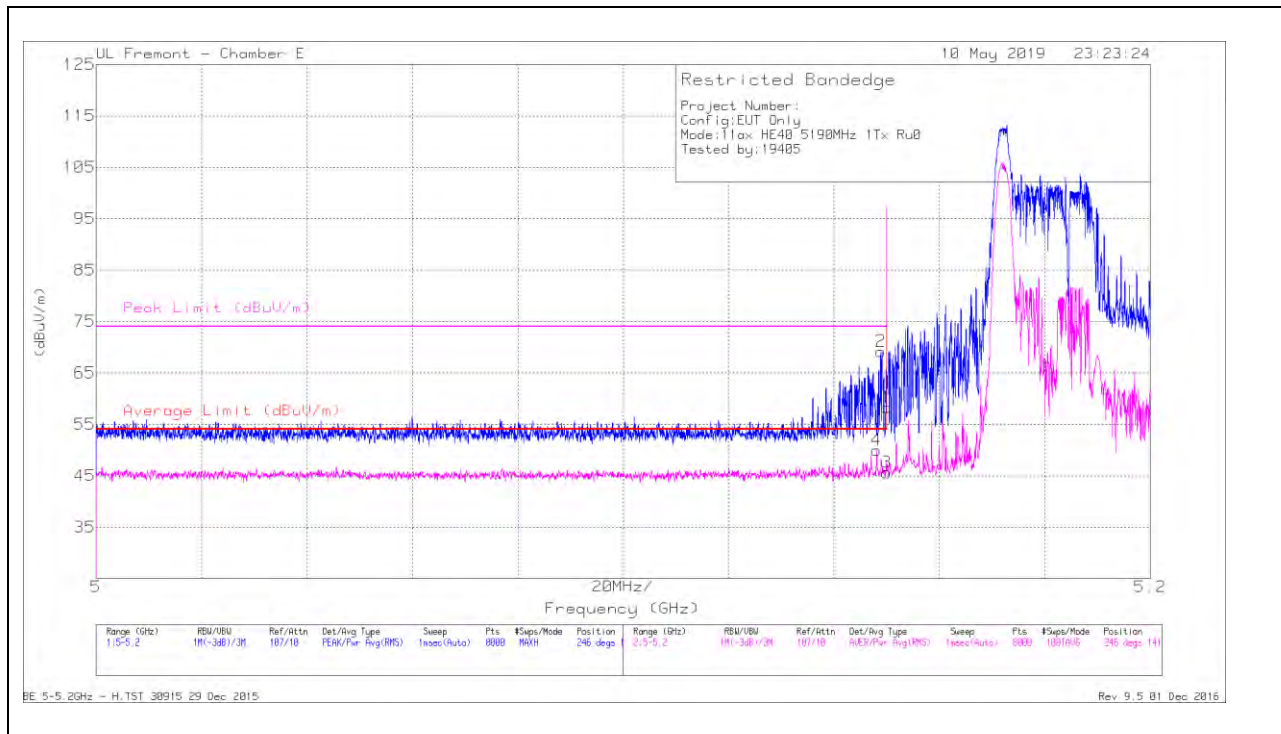


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.95	Pk	34.3	-22	56.25	-	-	74	-17.75	111	112	V
2	* 5.149	46.1	Pk	34.3	-22	58.4	-	-	74	-15.6	111	112	V
3	* 5.15	35.14	RMS	34.3	-22	47.44	54	-6.56	-	-	111	112	V
4	* 5.15	35.67	RMS	34.3	-22	47.97	54	-6.03	-	-	111	112	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 26 Tones, RU Index 0**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

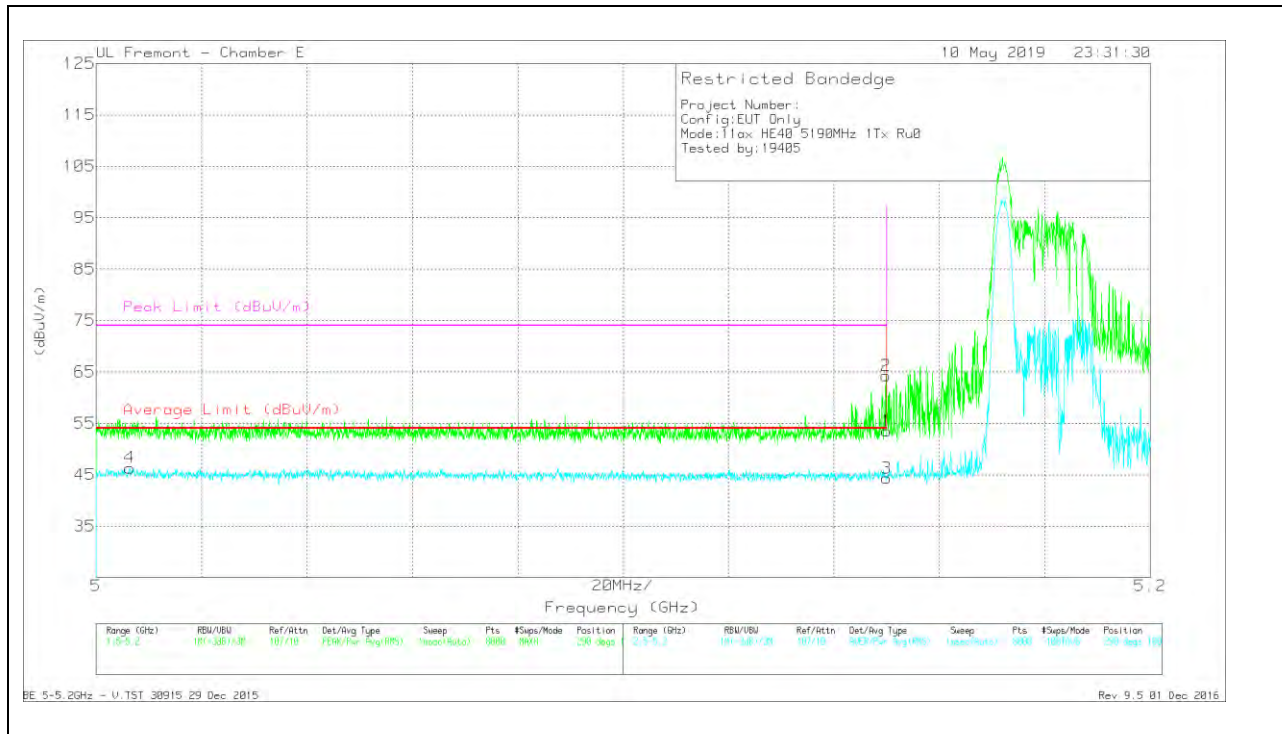
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AFT119 (dB/m)	Amp/Cb/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.95	Pk	34.3	-22	58.25	-	-	74	-15.75	246	141	H
2	* 5.149	56.89	Pk	34.3	-22	69.19	-	-	74	-4.81	246	141	H
3	* 5.15	33.34	RMS	34.3	-22	45.64	54	-8.36	-	-	246	141	H
4	* 5.148	37.68	RMS	34.3	-22	49.98	54	-4.02	-	-	246	141	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 T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	41.2	Pk	34.3	-22	53.5	-	-	74	-20.5	290	100	V
2	* 5.15	51.96	Pk	34.3	-22	64.26	-	-	74	-9.74	290	100	V
3	* 5.15	32.03	RMS	34.3	-22	44.33	54	-9.67	-	-	290	100	V
4	* 5.006	34.06	RMS	34.1	-21.8	46.36	54	-7.64	-	-	290	100	V

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

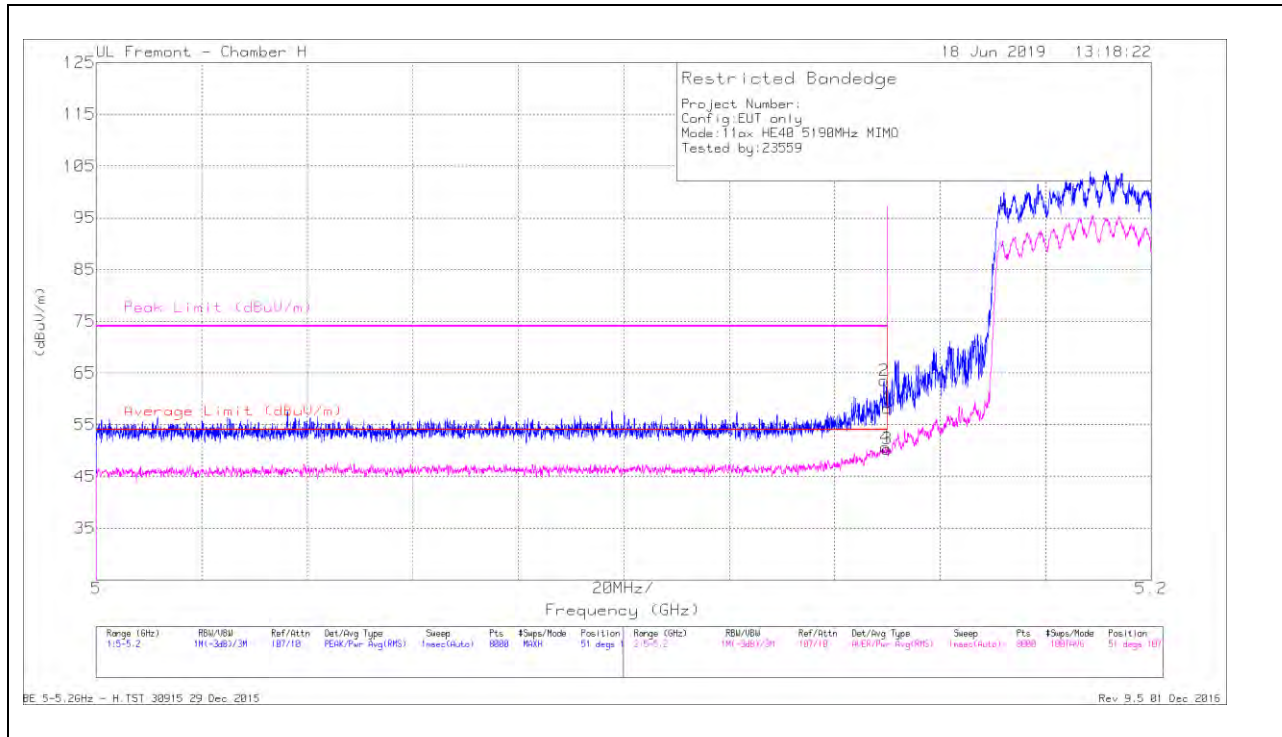
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 OFDMA MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



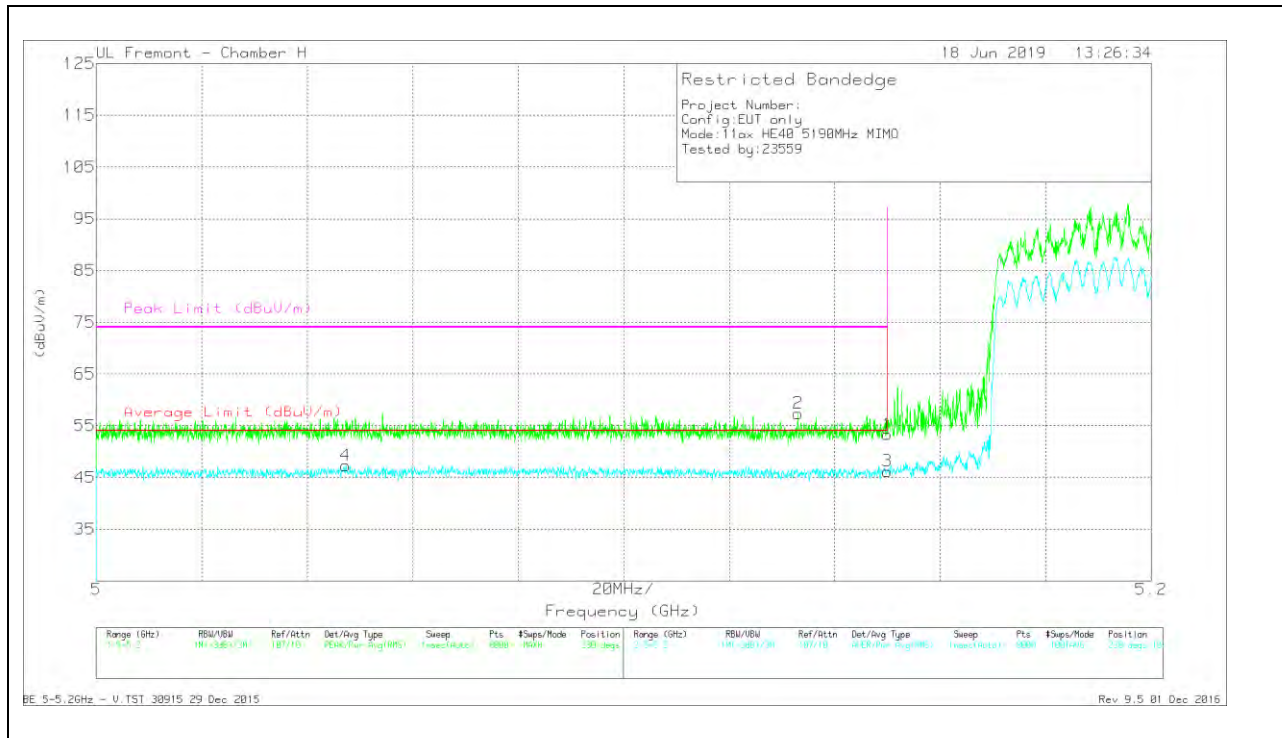
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.73	Pk	34.4	-20.9	58.23	-	-	74	-15.77	51	107	H
2	* 5.149	50.12	Pk	34.4	-21	63.52	-	-	74	-10.48	51	107	H
3	* 5.15	36.83	RMS	34.4	-20.9	50.33	54	-3.67	-	-	51	107	H
4	* 5.15	37.14	RMS	34.4	-20.9	50.64	54	-3.36	-	-	51	107	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 T863 (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	* 5.15	39.79	Pk	34.4	-20.9	53.29	-	-	74	-20.71	230	102	V
2	* 5.133	43.99	Pk	34.4	-21	57.39	-	-	74	-16.61	230	102	V
3	* 5.15	32.69	RMS	34.4	-20.9	46.19	54	-7.81	-	-	230	102	V
4	* 5.047	34	RMS	34.3	-21	47.3	54	-6.7	-	-	230	102	V

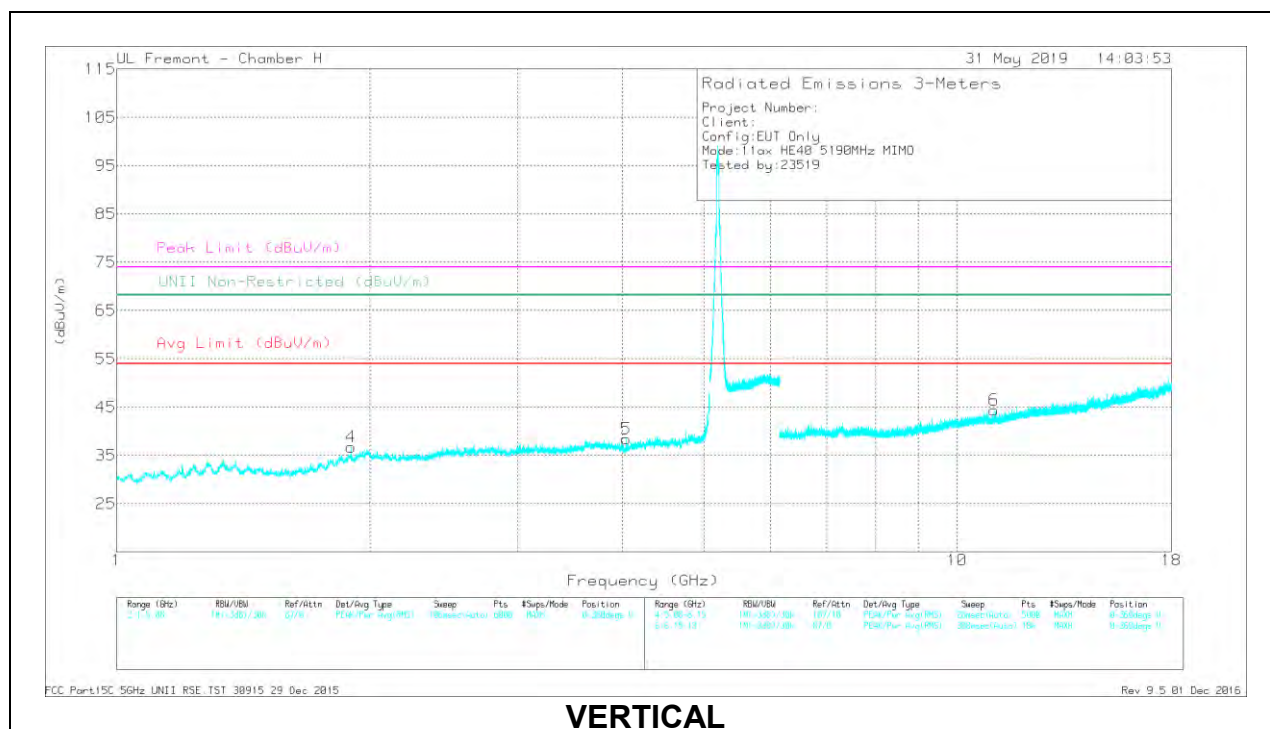
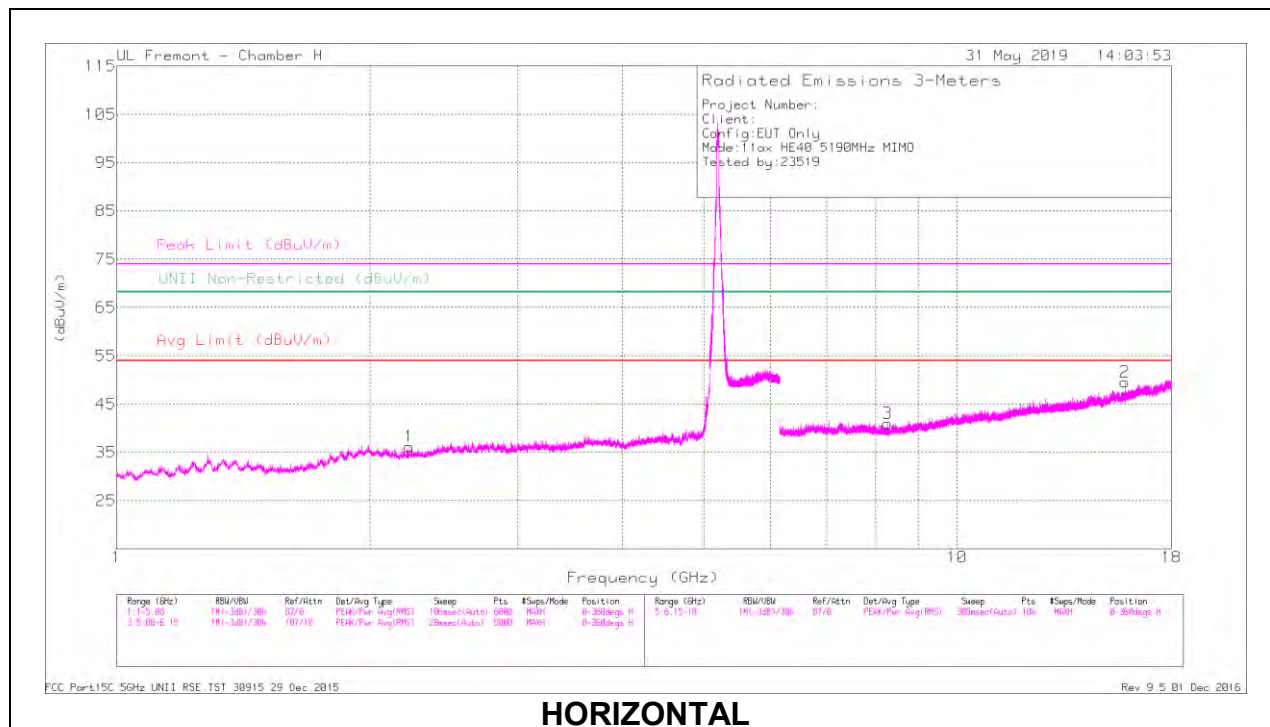
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

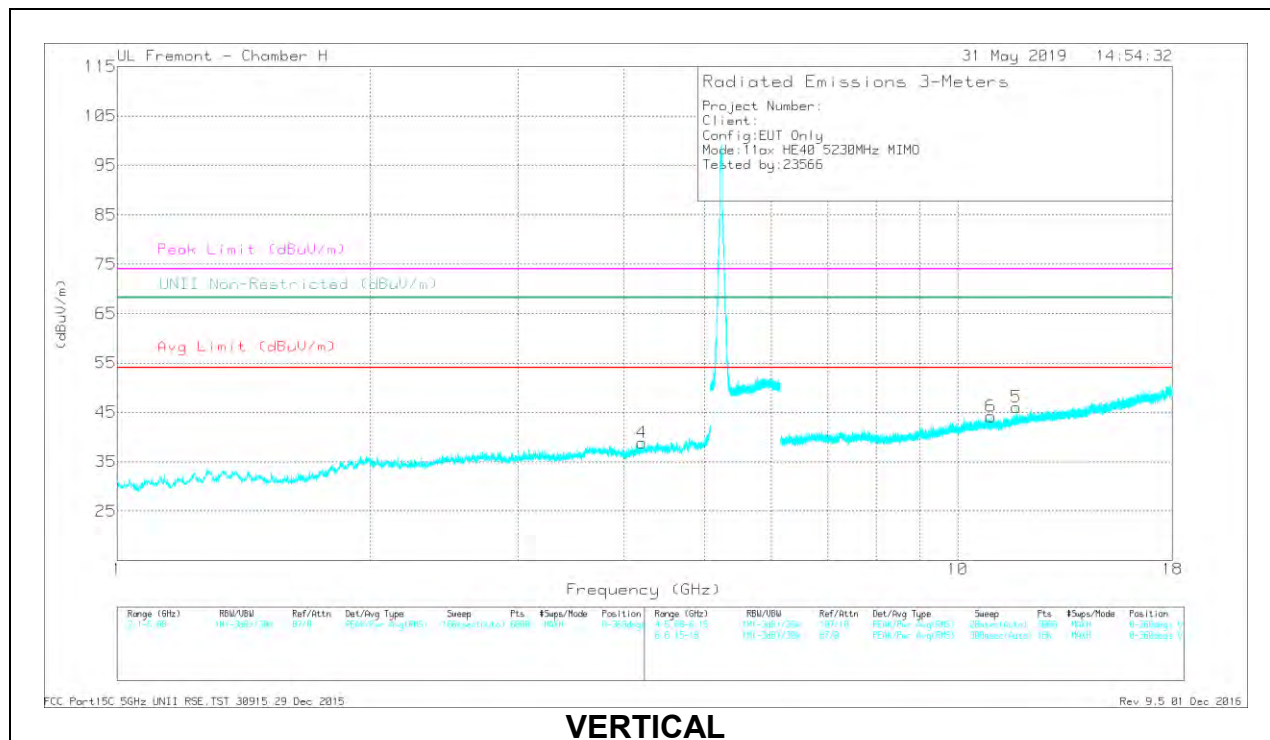
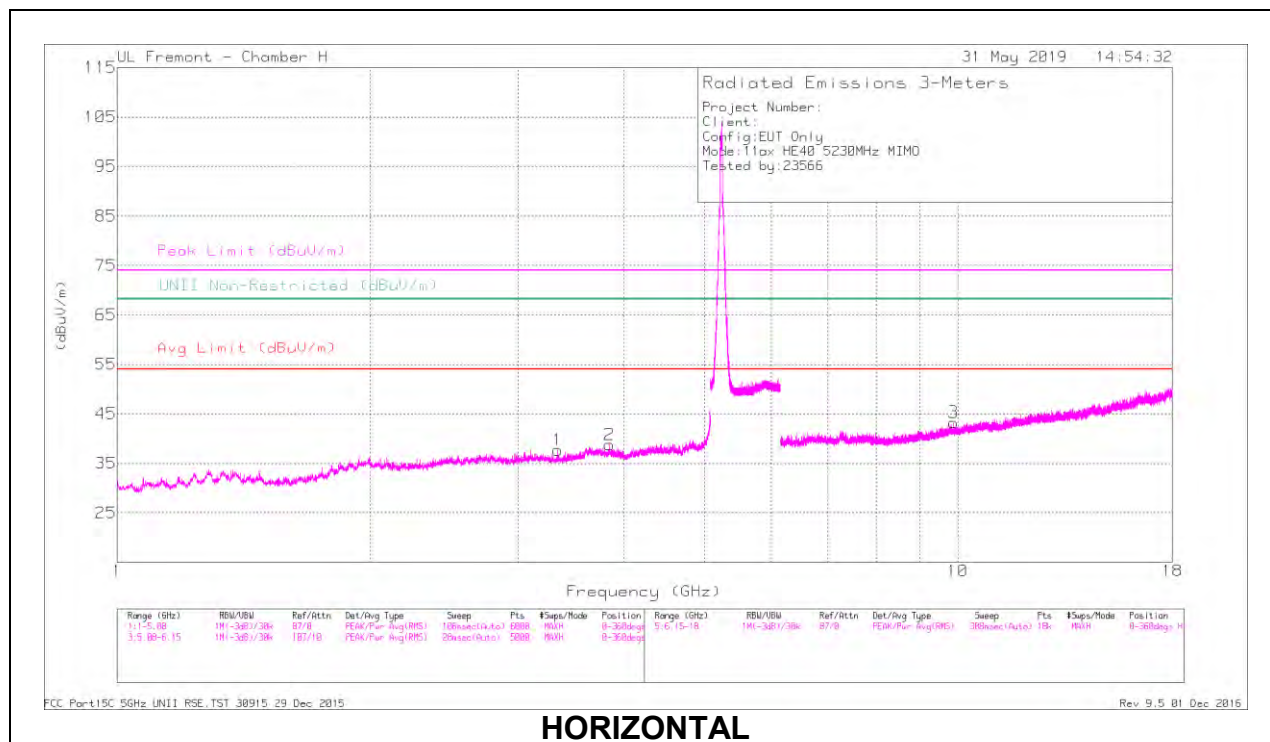
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.232	42.87	PK-U	31.4	-31.9	42.37	-	-	74	-31.63	-	-	189	341	H
	* 2.234	31.1	ADR	31.4	-31.9	30.6	54	-23.4	-	-	-	-	189	341	H
5	* 4.038	41.38	PK-U	33.3	-30.7	43.98	-	-	74	-30.02	-	-	277	295	V
	* 4.043	29.72	ADR	33.3	-30.7	32.32	54	-21.68	-	-	-	-	277	295	V
2	* 15.854	35.5	PK-U	40.7	-21.8	54.4	-	-	74	-19.6	-	-	9	148	H
	* 15.852	24.01	ADR	40.6	-21.9	42.71	54	-11.29	-	-	-	-	9	148	H
3	* 8.26	37.66	PK-U	35.9	-26.2	47.36	-	-	74	-26.64	-	-	16	161	H
	* 8.263	25.94	ADR	35.8	-26.1	35.64	54	-18.36	-	-	-	-	16	161	H
6	* 11.061	35.77	PK-U	37.8	-23.4	50.17	-	-	74	-23.83	-	-	289	266	V
	* 11.062	24.16	ADR	37.8	-23.4	38.56	54	-15.44	-	-	-	-	289	266	V
4	1.901	44.12	PK-U	31.1	-32.5	42.72	-	-	-	-	68.2	-25.48	42	149	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

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.852	42.15	PK-U	33.4	-30.6	44.95	-	-	74	-29.05	-	-	262	129	H
	* 3.851	30.2	ADR	33.4	-30.6	33	54	-21	-	-	-	-	262	129	H
4	* 4.206	41.51	PK-U	33.4	-30.5	44.41	-	-	74	-29.59	-	-	173	251	V
	* 4.208	29.49	ADR	33.5	-30.5	32.49	54	-21.51	-	-	-	-	173	251	V
5	* 11.75	35.75	PK-U	38.6	-23.5	50.85	-	-	74	-23.15	-	-	191	171	V
	* 11.749	24.03	ADR	38.6	-23.5	39.13	54	-14.87	-	-	-	-	191	171	V
6	* 10.954	35.97	PK-U	37.8	-24.1	49.67	-	-	74	-24.33	-	-	339	107	V
	* 10.954	24.36	ADR	37.8	-24.1	38.06	54	-15.94	-	-	-	-	339	107	V
1	3.344	42.43	PK-U	32.6	-30.7	44.33	-	-	-	-	68.2	-23.87	130	361	H
3	9.881	37.67	PK-U	37.1	-24.3	50.47	-	-	-	-	68.2	-17.73	143	336	H

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

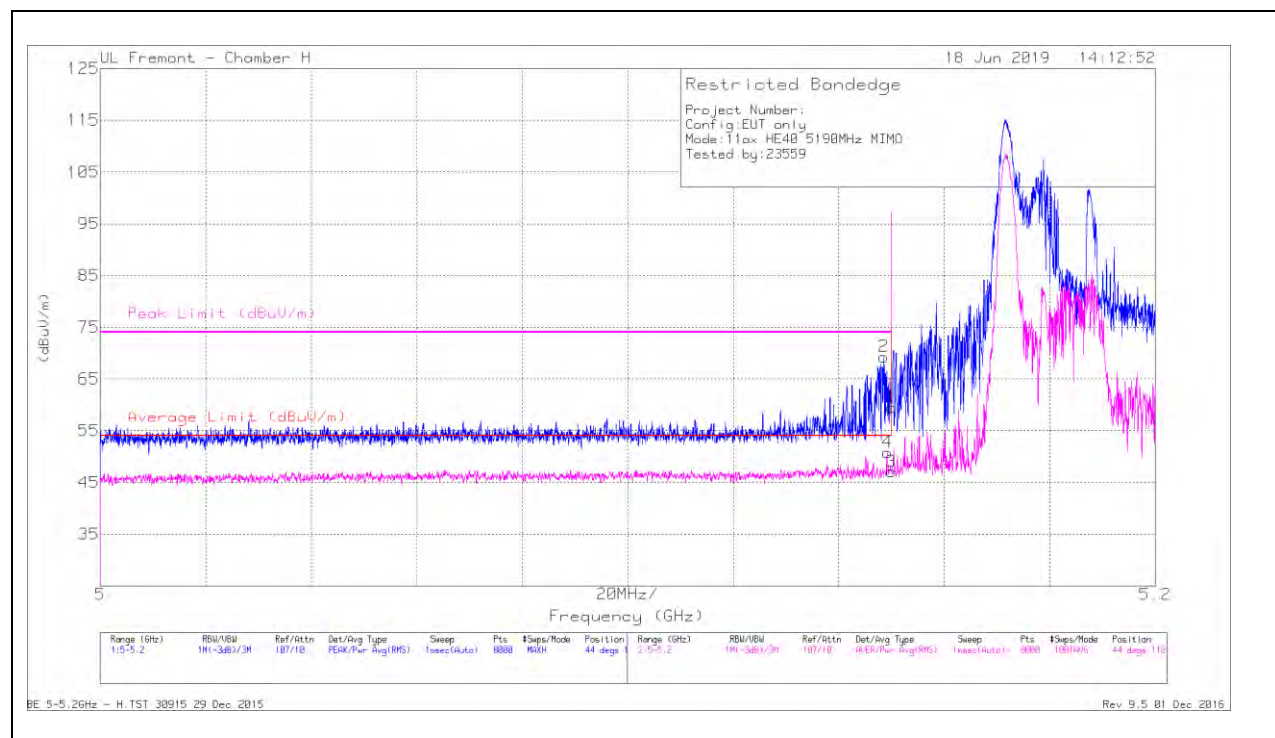
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



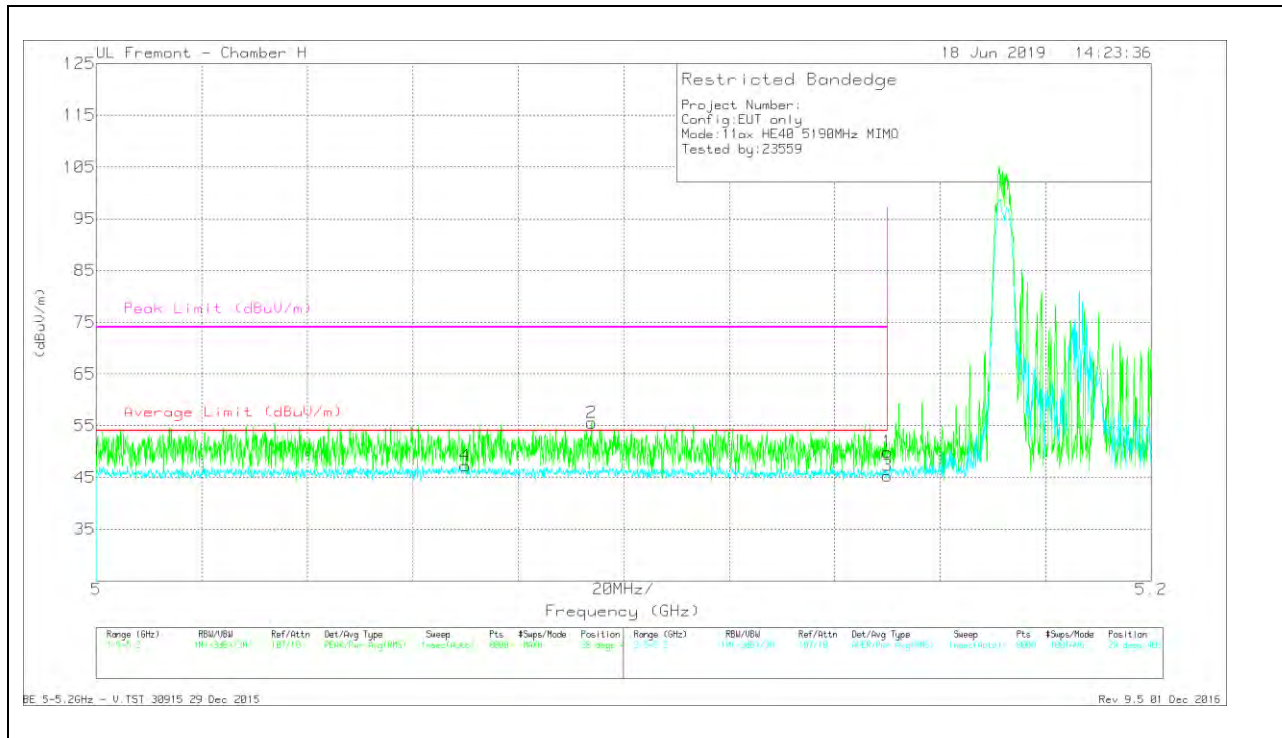
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46	Pk	34.4	-20.9	59.5	-	-	74	-14.5	44	118	H
2	* 5.149	56.02	Pk	34.3	-21	69.32	-	-	74	-4.68	44	118	H
3	* 5.15	33.6	RMS	34.4	-20.9	47.1	54	-6.9	-	-	44	118	H
4	* 5.149	37.41	RMS	34.4	-21	50.81	54	-3.19	-	-	44	118	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	AFT863 (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	* 5.15	36.43	Pk	34.4	-20.9	49.93	-	-	74	-24.07	28	403	V
2	* 5.094	42.08	Pk	34.3	-20.8	55.58	-	-	74	-18.42	28	403	V
3	* 5.15	31.85	RMS	34.4	-20.9	45.35	54	-8.65	-	-	28	403	V
4	* 5.07	34.07	RMS	34.2	-21	47.27	54	-6.73	-	-	28	403	V

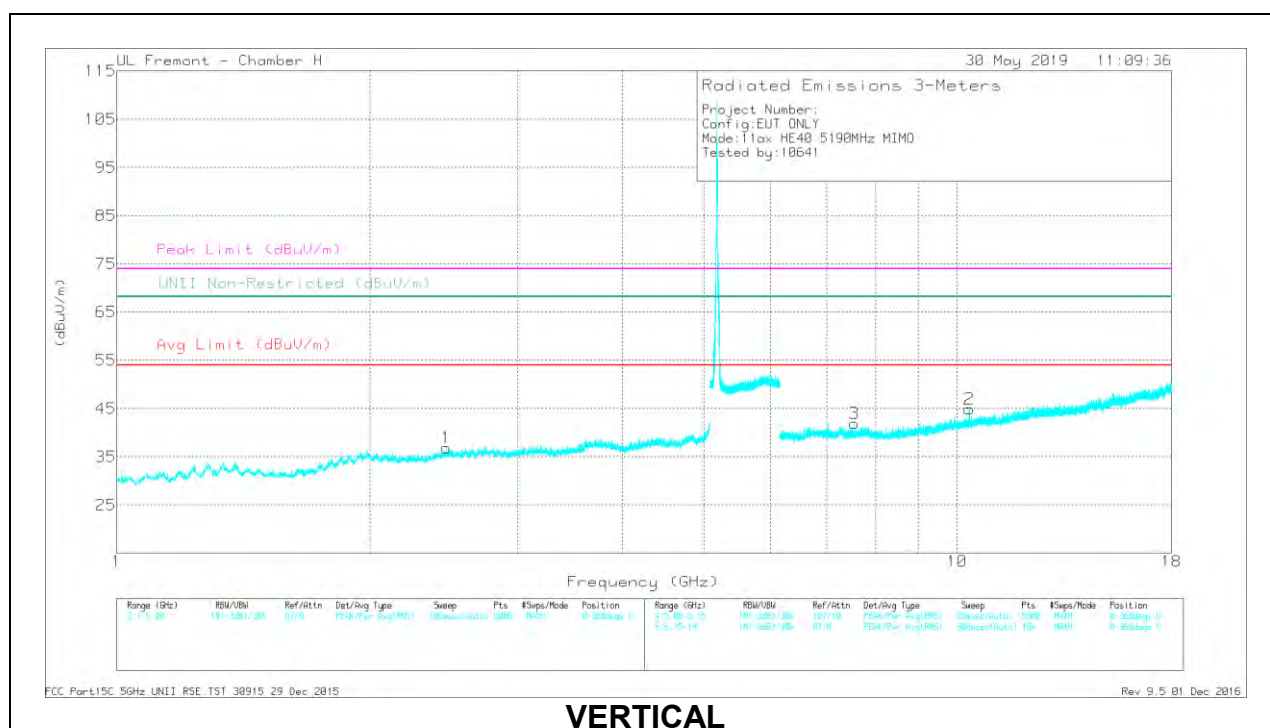
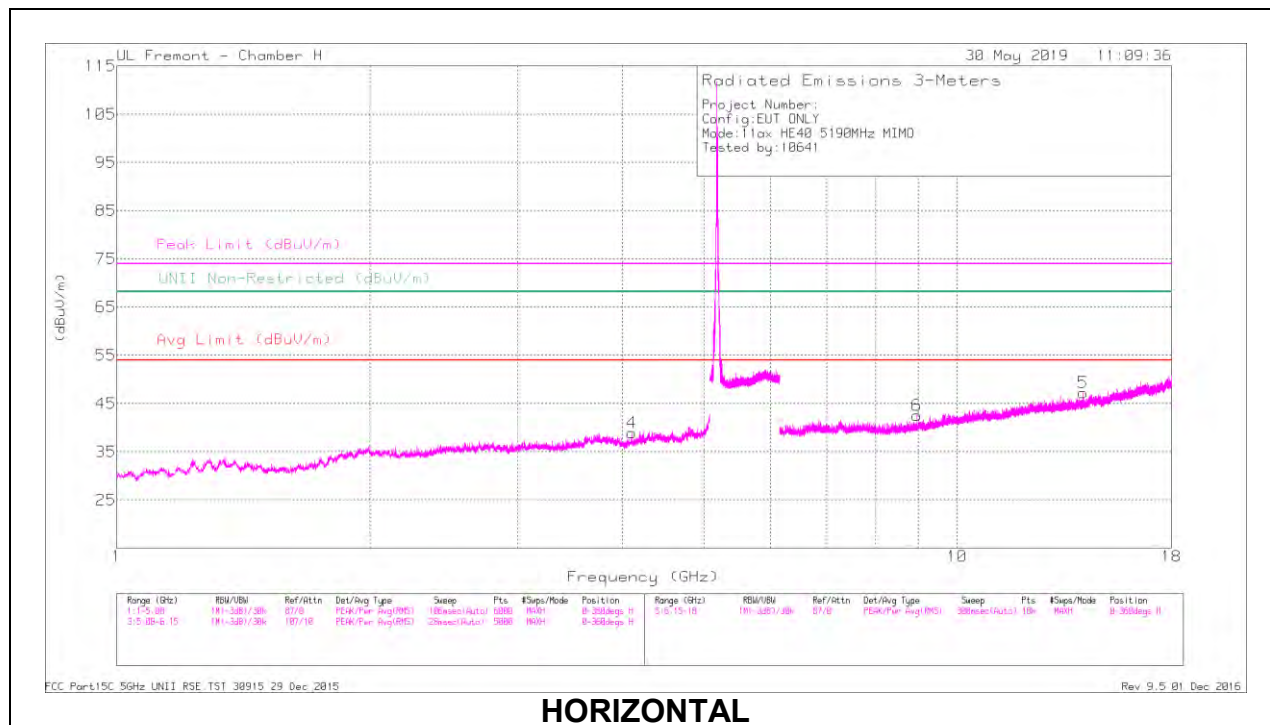
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



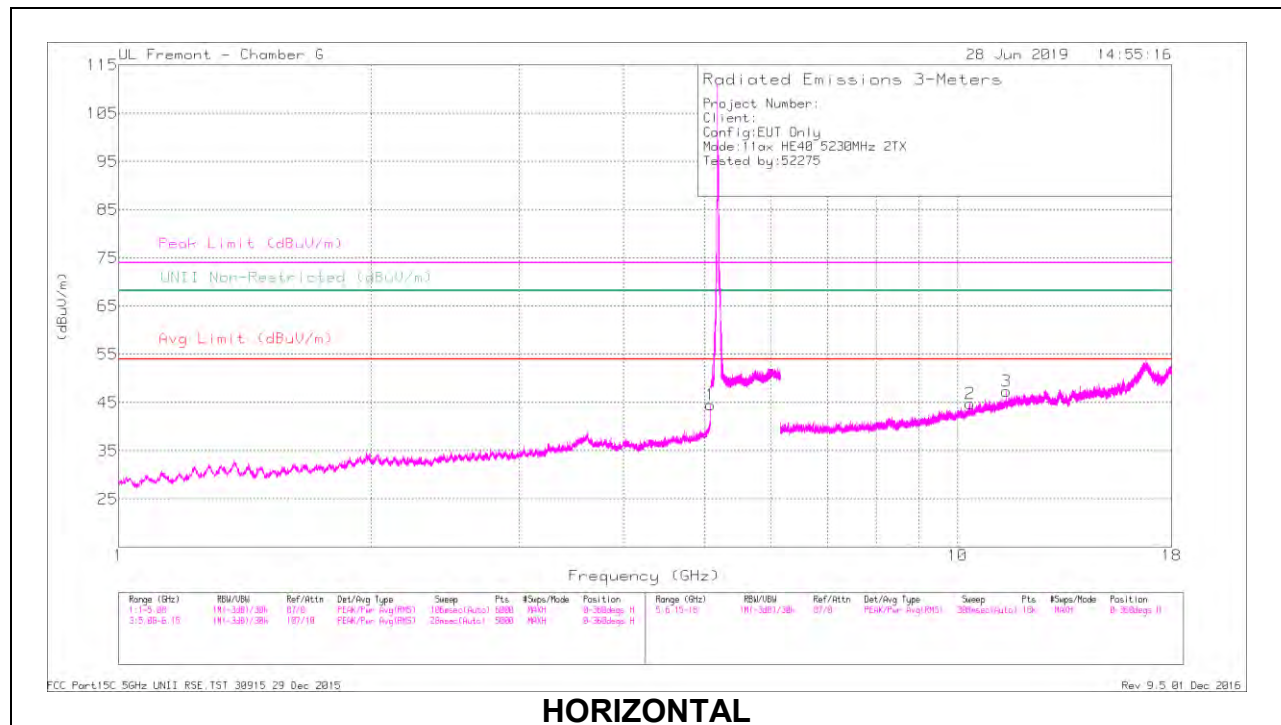
RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.1	42.17	PK-U	33.3	-30.8	44.67	-	-	74	-29.33	-	-	256	185	H
	* 4.102	30.2	ADR	33.3	-30.8	32.7	54	-21.3	-	-	-	-	351	145	H
3	* 7.552	38.38	PK-U	36.6	-27.3	47.68	-	-	74	-26.32	-	-	253	245	V
	* 7.551	26.68	ADR	36.6	-27.3	35.98	54	-18.02	-	-	-	-	146	192	V
1	2.468	43	PK-U	32.3	-31.9	43.4	-	-	-	-	68.2	-24.8	143	181	V
6	8.967	37.85	PK-U	36.1	-25.5	48.45	-	-	-	-	68.2	-19.75	132	366	H
2	10.345	39.71	PK-U	37.5	-23.9	53.31	-	-	-	-	68.2	-14.89	295	122	V
5	14.134	35.87	PK-U	39.3	-22.8	52.37	-	-	-	-	68.2	-15.83	240	213	H

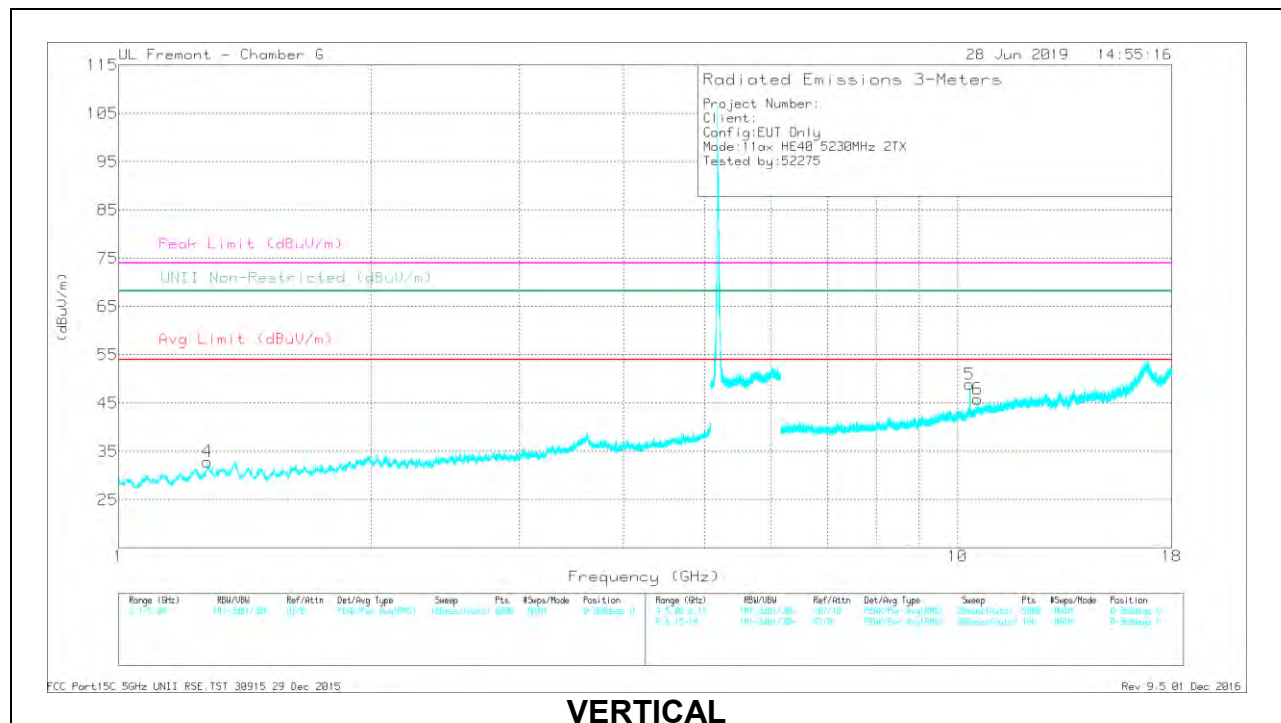
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Ch/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.079	44.84	PK-U	34.4	-26.4	52.84	-	-	74	-21.16	-	-	166	109	H
	* 5.078	29.68	ADR	34.4	-26.6	37.48	54	-16.52	-	-	-	-	166	109	H
4	* 1.275	43.06	PK-U	29.7	-33.1	39.66	-	-	74	-34.34	-	-	124	157	V
	* 1.277	31.4	ADR	29.8	-33.2	28	54	-26	-	-	-	-	124	157	V
3	* 11.443	36.49	PK-U	38.9	-23.4	51.99	-	-	74	-22.01	-	-	211	196	H
	* 11.442	25	ADR	38.9	-23.4	40.5	54	-13.5	-	-	-	-	211	196	H
5	10.343	38.76	PK-U	37.7	-24.1	52.36	-	-	-	-	68.2	-15.84	179	102	H
	10.343	28.27	ADR	37.7	-24.1	41.87	-	-	-	-	-	-	179	102	H
2	10.344	30.92	ADR	37.8	-24.1	44.62	-	-	-	-	-	-	211	101	V
	10.345	40.44	PK-U	37.7	-24.1	54.04	-	-	-	-	68.2	-14.16	211	101	V
6	10.559	37.11	PK-U	38	-23.7	51.41	-	-	-	-	68.2	-16.79	180	154	V
	10.562	25.33	ADR	38	-23.7	39.63	-	-	-	-	-	-	180	154	V

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

PK-U - U-NII: Maximum Peak

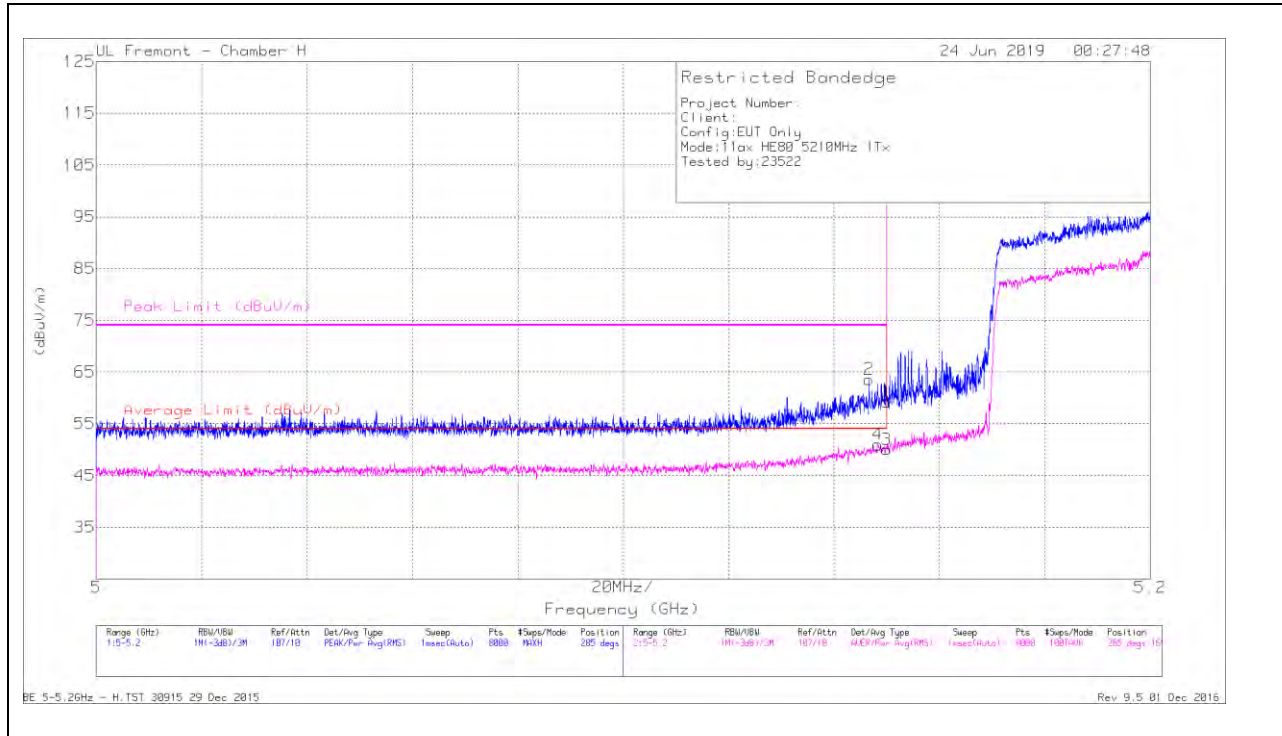
ADR - U-NII AD primary method, RMS average

1.1.6. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.2 GHz BAND

1TX Antenna 6 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



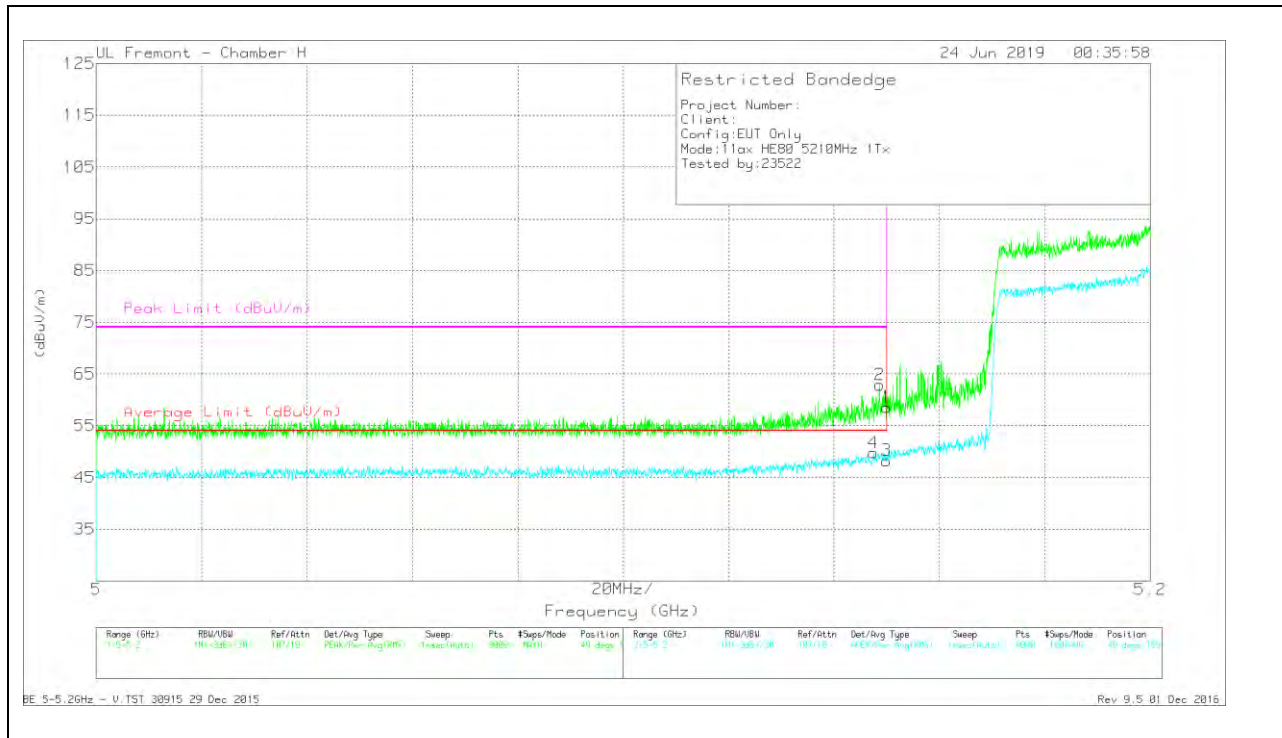
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.73	Pk	34.4	-20.9	59.23	-	-	74	-14.77	285	165	H
2	* 5.147	50.28	Pk	34.3	-21	63.58	-	-	74	-10.42	285	165	H
3	* 5.15	36.52	RMS	34.4	-20.9	50.02	54	-3.98	-	-	285	165	H
4	* 5.148	37.66	RMS	34.3	-21	50.96	54	-3.04	-	-	285	165	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

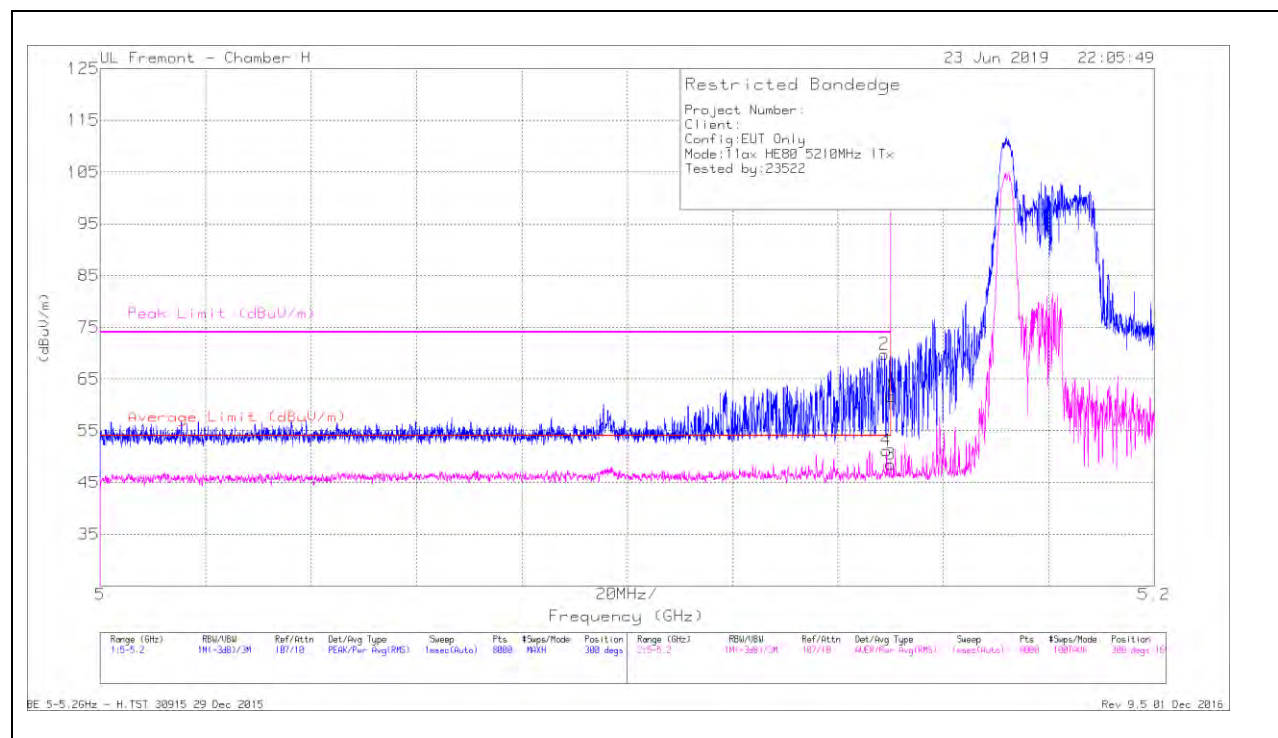


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.08	Pk	34.4	-20.9	58.58	-	-	74	-15.42	49	159	V
2	* 5.149	49.6	Pk	34.3	-21	62.9	-	-	74	-11.1	49	159	V
3	* 5.15	34.76	RMS	34.4	-20.9	48.26	54	-5.74	-	-	49	159	V
4	* 5.147	36.47	RMS	34.3	-21	49.77	54	-4.23	-	-	49	159	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 6 MODE – 26 Tones, RU Index 0**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

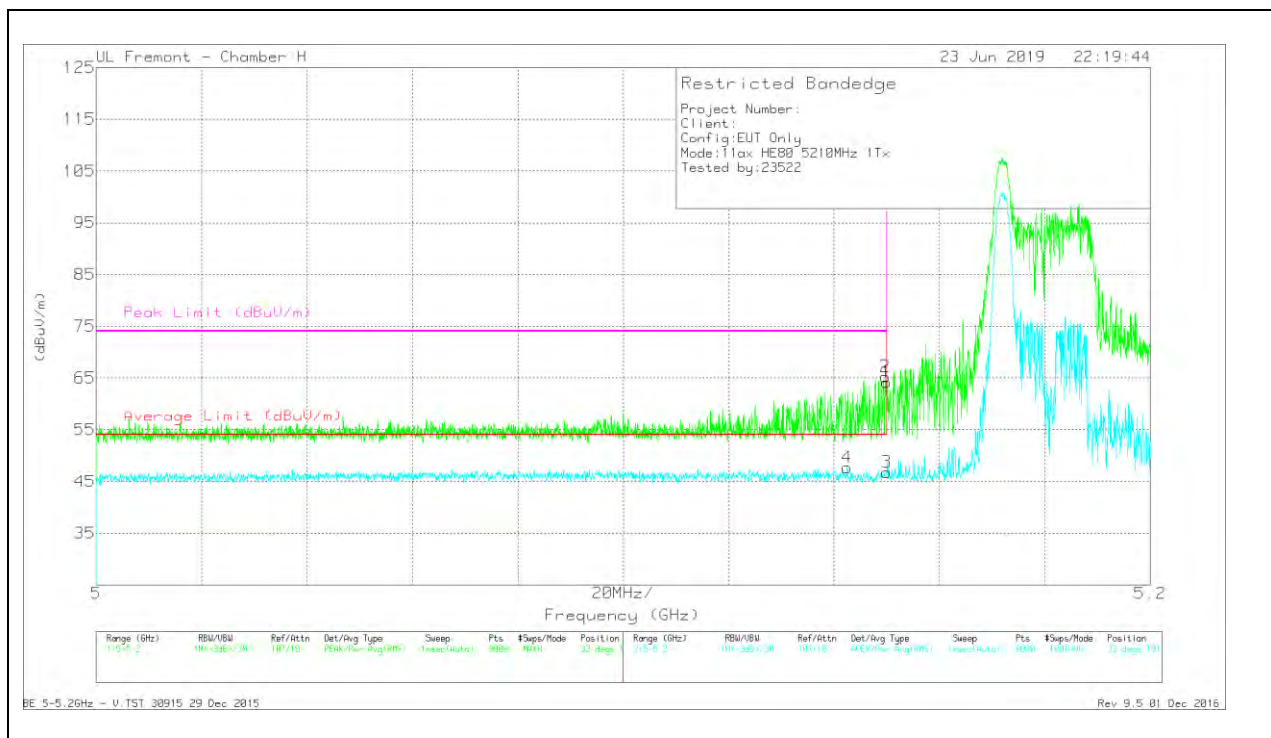
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.17	Pk	34.4	-20.9	61.67	-	-	74	-12.33	300	165	H
2	* 5.149	56.49	Pk	34.3	-21	69.79	-	-	74	-4.21	300	165	H
3	* 5.15	35.01	RMS	34.4	-20.9	48.51	54	-5.49	-	-	300	165	H
4	* 5.149	37.77	RMS	34.4	-21	51.17	54	-2.83	-	-	300	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 T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	50.71	Pk	34.4	-20.9	64.21	-	-	74	-9.79	32	191	V
2	* 5.15	51.76	Pk	34.4	-20.9	65.26	-	-	74	-8.74	32	191	V
3	* 5.15	33.29	RMS	34.4	-20.9	46.79	54	-7.21	-	-	32	191	V
4	* 5.142	34.27	RMS	34.3	-20.9	47.67	54	-6.33	-	-	32	191	V

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

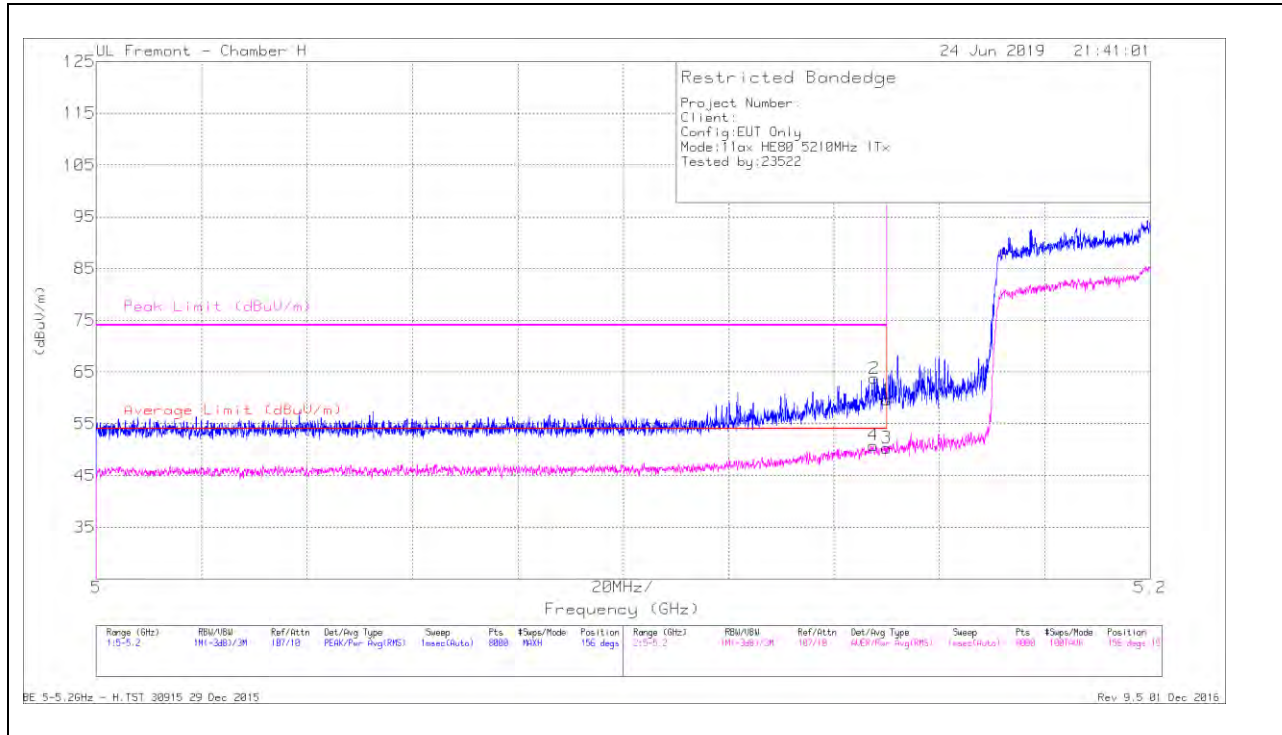
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



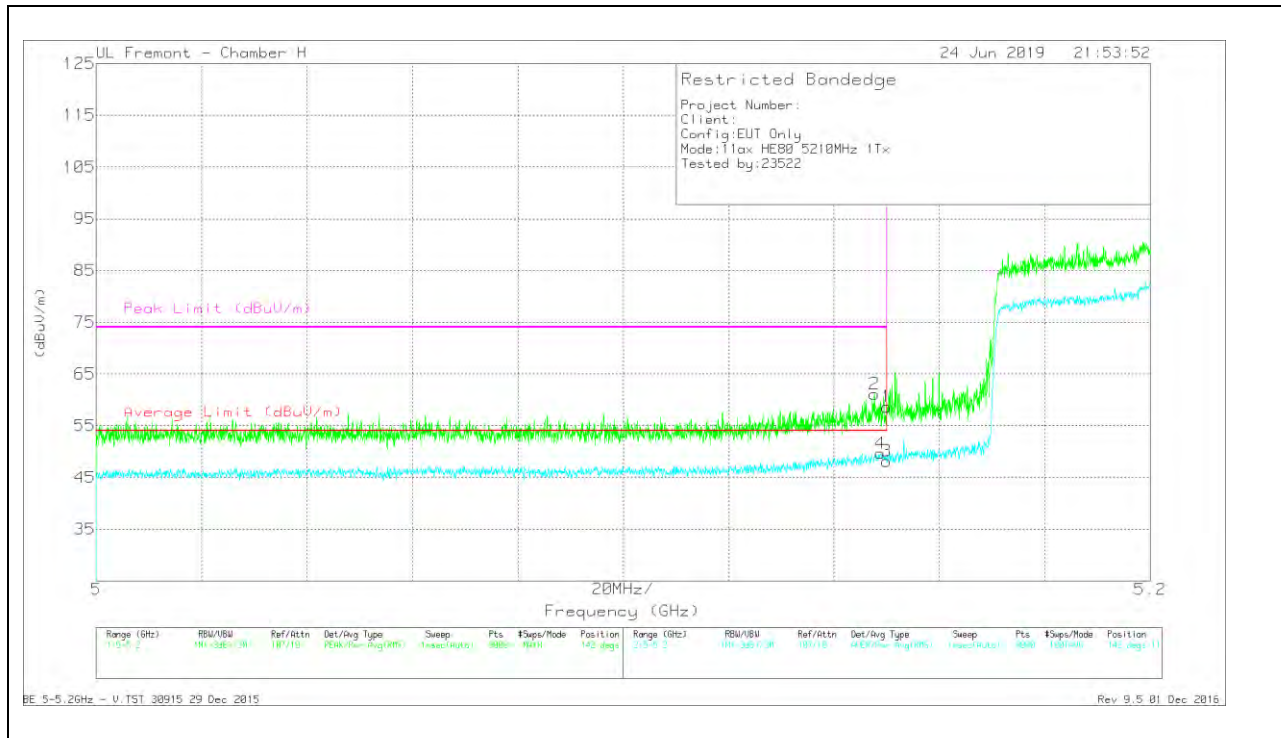
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.12	Pk	34.4	-20.9	59.62	-	-	74	-14.38	156	151	H
2	* 5.148	50.46	Pk	34.3	-21	63.76	-	-	74	-10.24	156	151	H
3	* 5.15	36.82	RMS	34.4	-20.9	50.32	54	-3.68	-	-	156	151	H
4	* 5.147	37.52	RMS	34.3	-21	50.82	54	-3.18	-	-	156	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

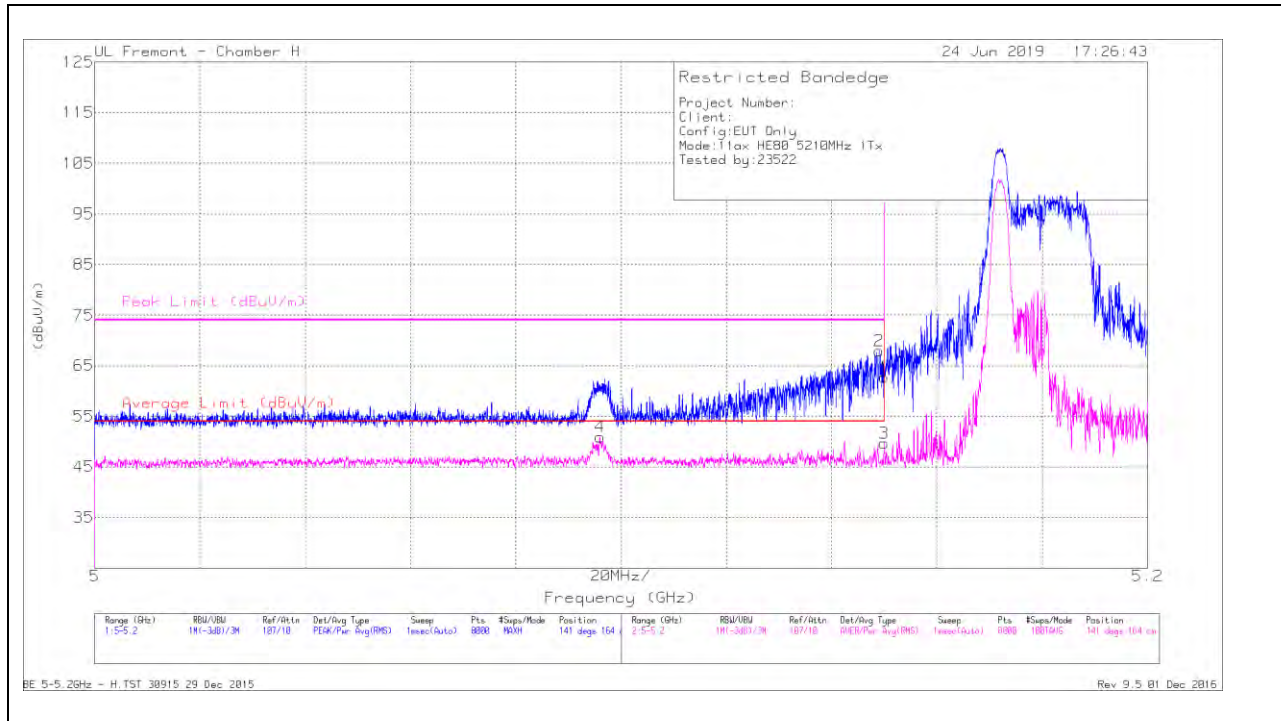


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.148	47.82	Pk	34.3	-21	61.12	-	-	74	-12.88	142	117	V
4	* 5.149	36.34	RMS	34.3	-21	49.64	54	-4.36	-	-	142	117	V
1	* 5.15	45.12	Pk	34.4	-20.9	58.62	-	-	74	-15.38	142	117	V
3	* 5.15	34.65	RMS	34.4	-20.9	48.15	54	-5.85	-	-	142	117	V

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

Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE – 26 Tones, RU Index 0**BANDEDGE (MID CHANNEL)****HORIZONTAL RESULT**

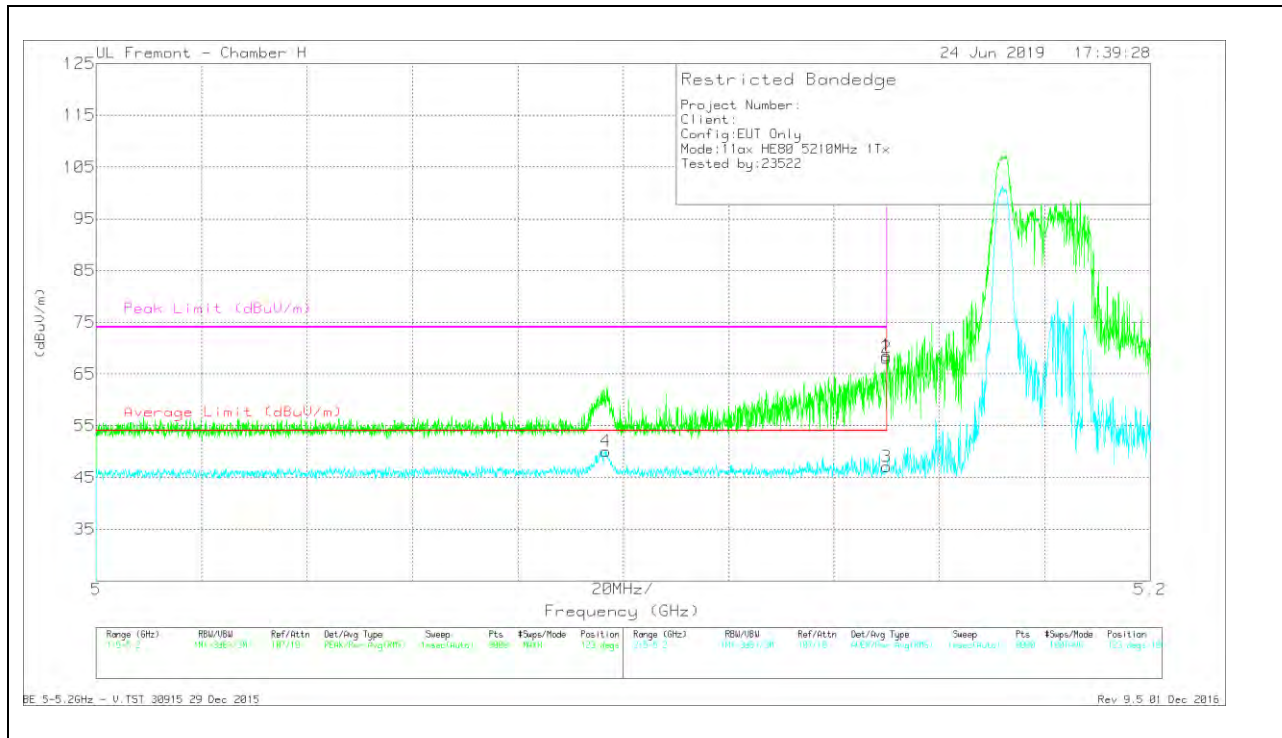
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.2	Pk	34.4	-20.9	62.7	-	-	74	-11.3	141	164	H
2	* 5.149	54.56	Pk	34.4	-21	67.96	-	-	74	-6.04	141	164	H
3	* 5.15	36.13	RMS	34.4	-20.9	49.63	54	-4.37	-	-	141	164	H
4	* 5.096	37.37	RMS	34.3	-20.8	50.87	54	-3.13	-	-	141	164	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	AFT863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	55.04	Pk	34.4	-20.9	68.54	-	-	74	-5.46	123	100	V
2	* 5.15	54.61	Pk	34.4	-20.9	68.11	-	-	74	-5.89	123	100	V
3	* 5.15	33.59	RMS	34.4	-20.9	47.09	54	-6.91	-	-	123	100	V
4	* 5.097	36.57	RMS	34.3	-20.8	50.07	54	-3.93	-	-	123	100	V

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

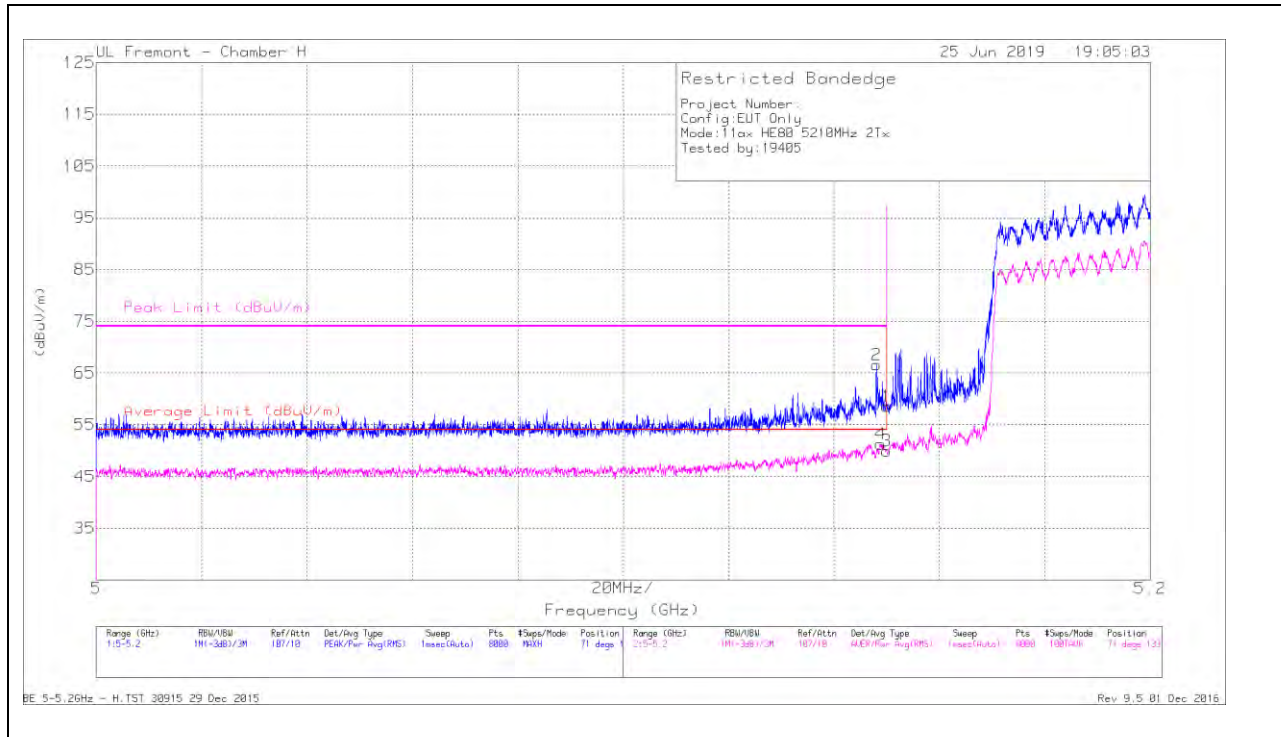
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 OFDMA MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



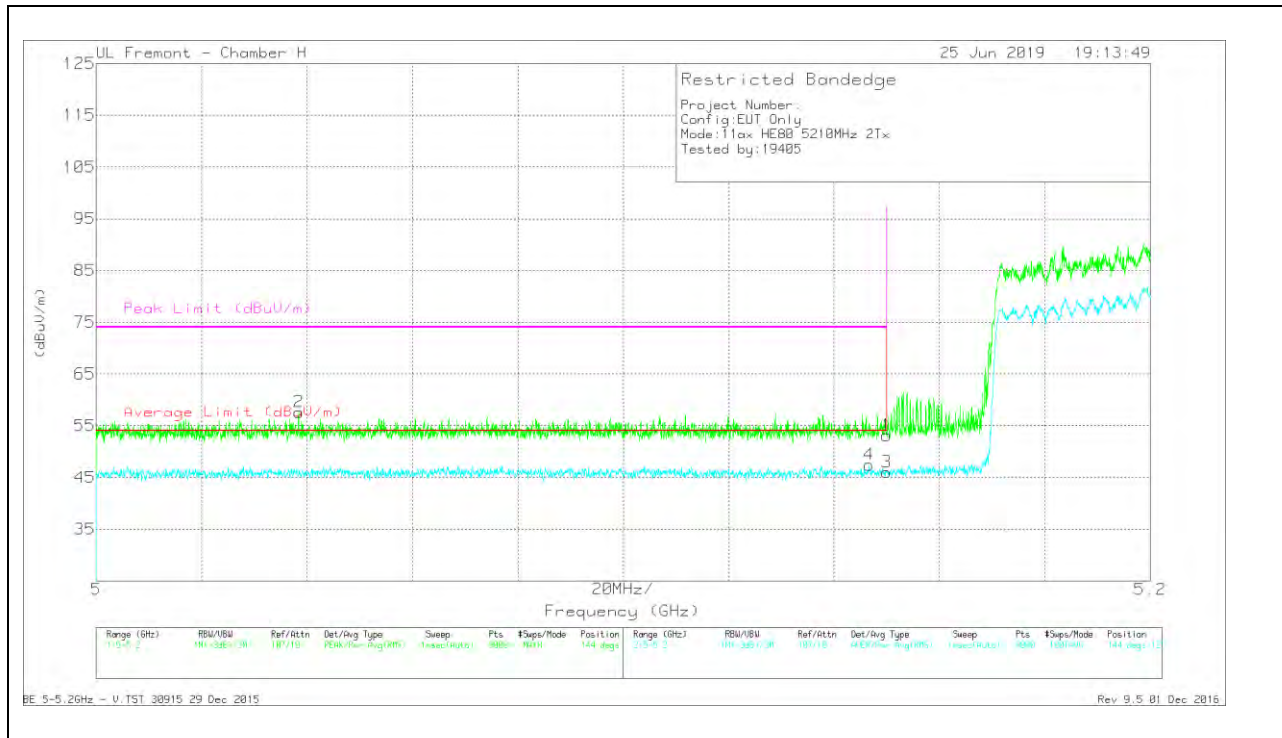
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtz/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.04	Pk	34.4	-20.9	58.54	-	-	74	-15.46	71	133	H
2	* 5.148	53.27	Pk	34.3	-21	66.57	-	-	74	-7.43	71	133	H
3	* 5.15	36.42	RMS	34.4	-20.9	49.92	54	-4.08	-	-	71	133	H
4	* 5.149	37.95	RMS	34.3	-21	51.25	54	-2.75	-	-	71	133	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	AFT863 (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	* 5.15	39.65	Pk	34.4	-20.9	53.15	-	-	74	-20.85	144	125	V
2	* 5.038	44.43	Pk	34.2	-21	57.63	-	-	74	-16.37	144	125	V
3	* 5.15	32.53	RMS	34.4	-20.9	46.03	54	-7.97	-	-	144	125	V
4	* 5.147	34.12	RMS	34.3	-21	47.42	54	-6.58	-	-	144	125	V

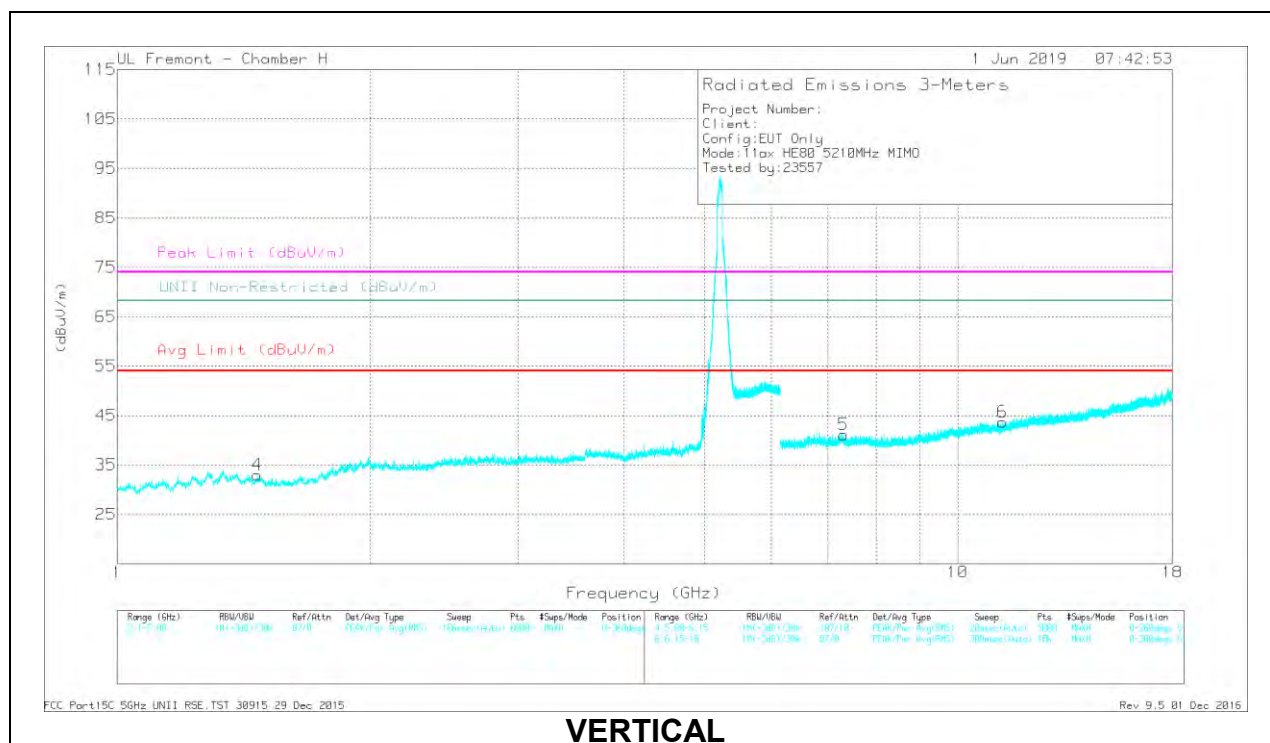
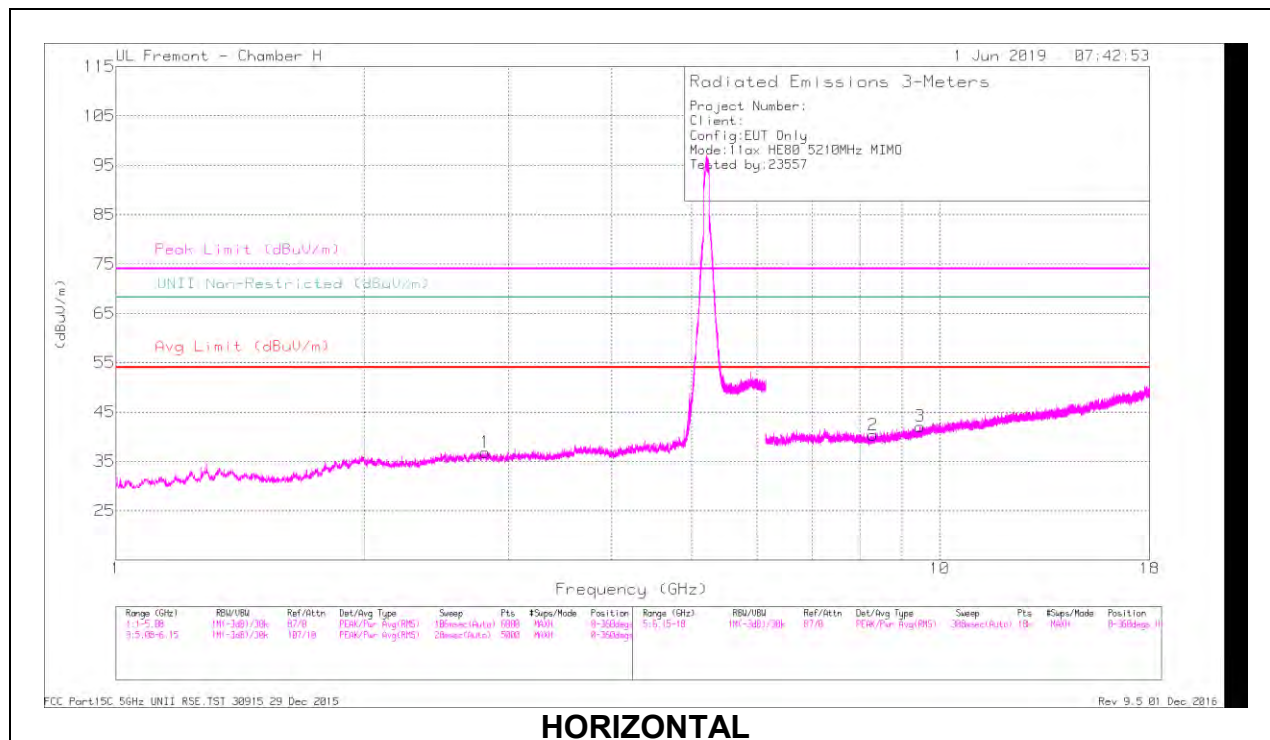
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Chl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
	* 2.807	42.99	PK-U	32.5	-31.7	43.79	-	-	74	-30.21	-	-	51	228	H
1	* 2.807	31.18	ADR	32.5	-31.7	31.98	54	-22.02	-	-	-	-	51	228	H
	* 1.467	44.62	PK-U	28.4	-32.9	40.12	-	-	74	-33.88	-	-	94	191	V
4	* 1.469	32.44	ADR	28.4	-32.9	27.94	54	-26.06	-	-	-	-	94	191	V
	* 8.301	38.51	PK-U	35.8	-26.7	47.61	-	-	74	-26.39	-	-	360	150	H
2	* 8.303	26.16	ADR	35.8	-26.7	35.26	54	-18.74	-	-	-	-	360	150	H
	* 9.467	36.68	PK-U	36.8	-25.1	48.38	-	-	74	-25.62	-	-	358	164	H
3	* 9.466	25.19	ADR	36.8	-25.1	36.89	54	-17.11	-	-	-	-	358	164	H
	* 7.317	38.32	PK-U	36.3	-26.8	47.82	-	-	74	-26.18	-	-	4	352	V
5	* 7.318	26.58	ADR	36.3	-26.8	36.08	54	-17.92	-	-	-	-	4	352	V
	* 11.308	35.79	PK-U	38	-23.8	49.99	-	-	74	-24.01	-	-	155	110	V
6	* 11.308	24.27	ADR	38	-23.8	38.47	54	-15.53	-	-	-	-	155	110	V

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

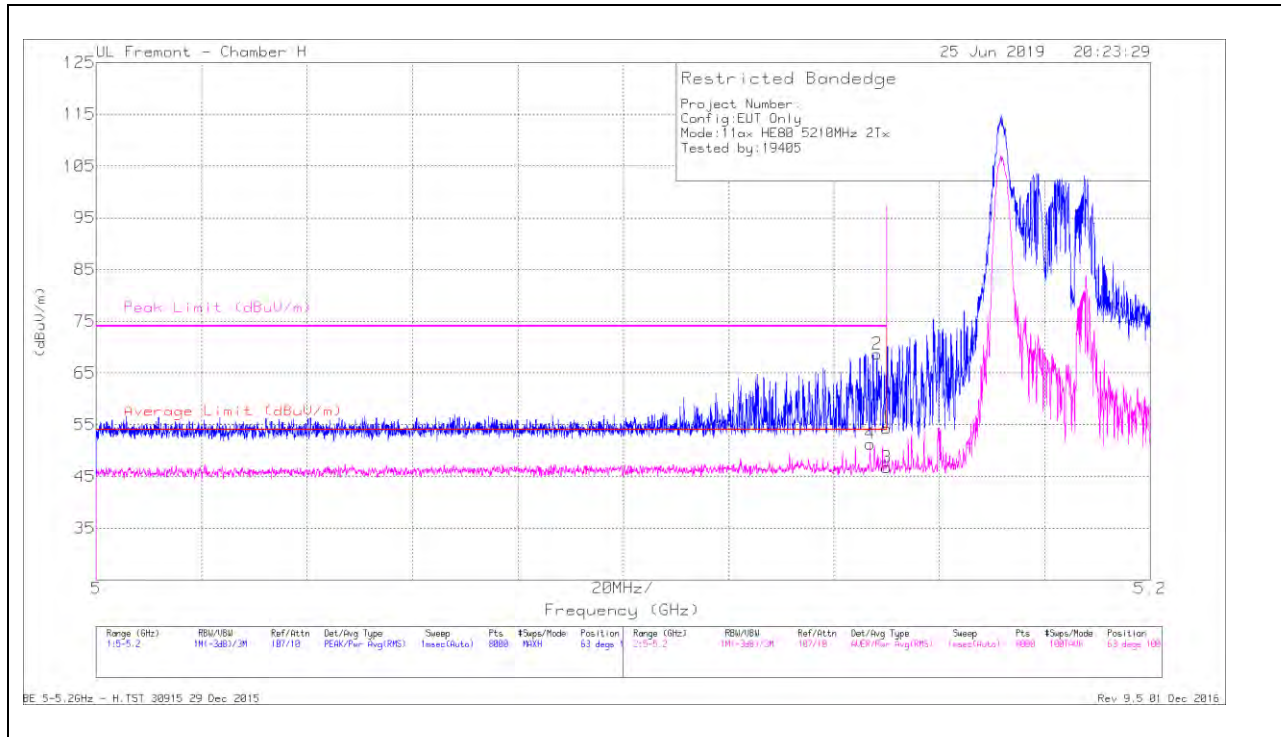
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



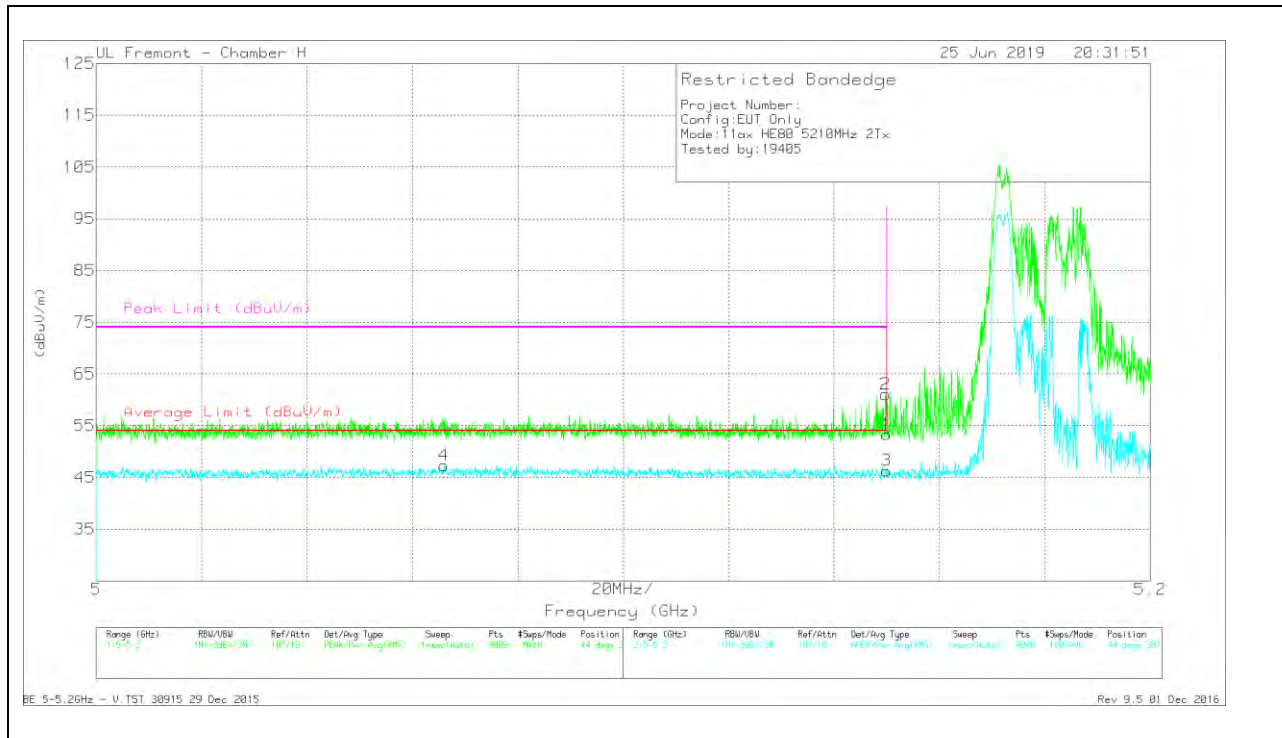
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	40.81	Pk	34.4	-20.9	54.31	-	-	74	-19.69	63	100	H
2	* 5.148	55.37	Pk	34.3	-21	68.67	-	-	74	-5.33	63	100	H
3	* 5.15	33.25	RMS	34.4	-20.9	46.75	54	-7.25	-	-	63	100	H
4	* 5.147	38	RMS	34.3	-21	51.3	54	-2.7	-	-	63	100	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 T863 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.82	Pk	34.4	-20.9	53.32	-	-	74	-20.68	44	387	V
2	* 5.15	47.55	Pk	34.4	-20.9	61.05	-	-	74	-12.95	44	387	V
3	* 5.15	32.81	RMS	34.4	-20.9	46.31	54	-7.69	-	-	44	387	V
4	* 5.066	33.9	RMS	34.2	-20.8	47.3	54	-6.7	-	-	44	387	V

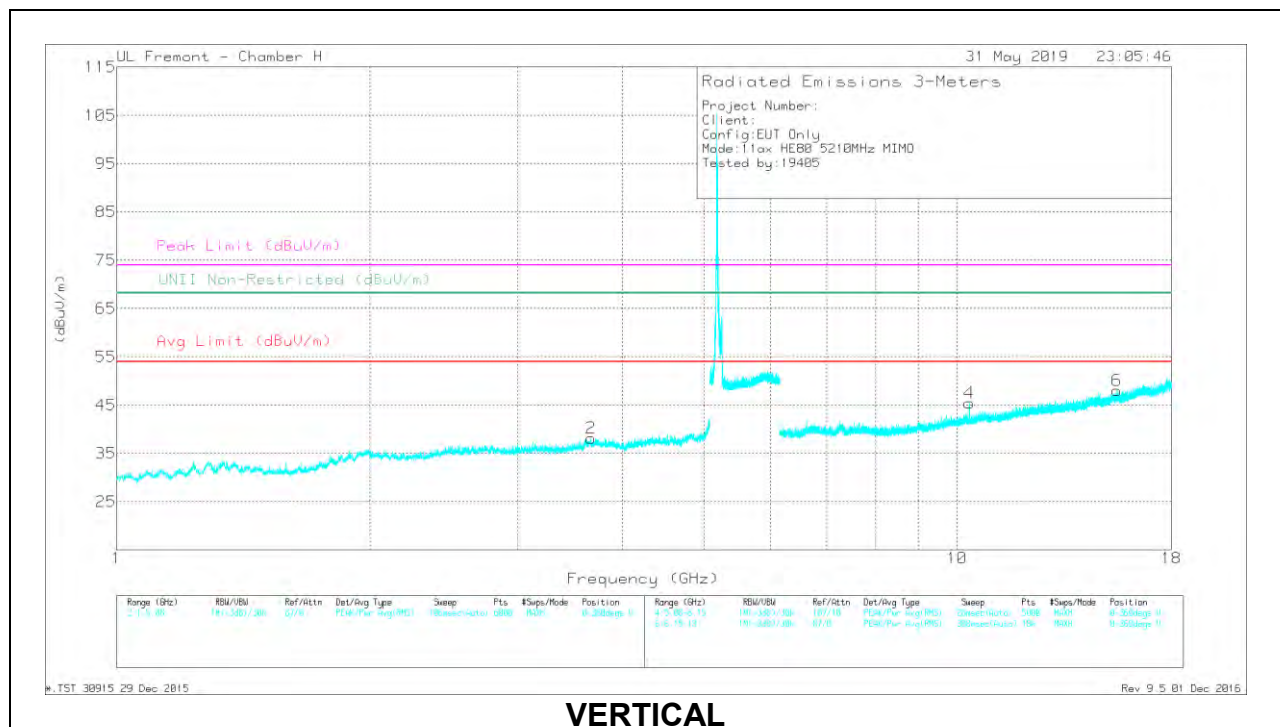
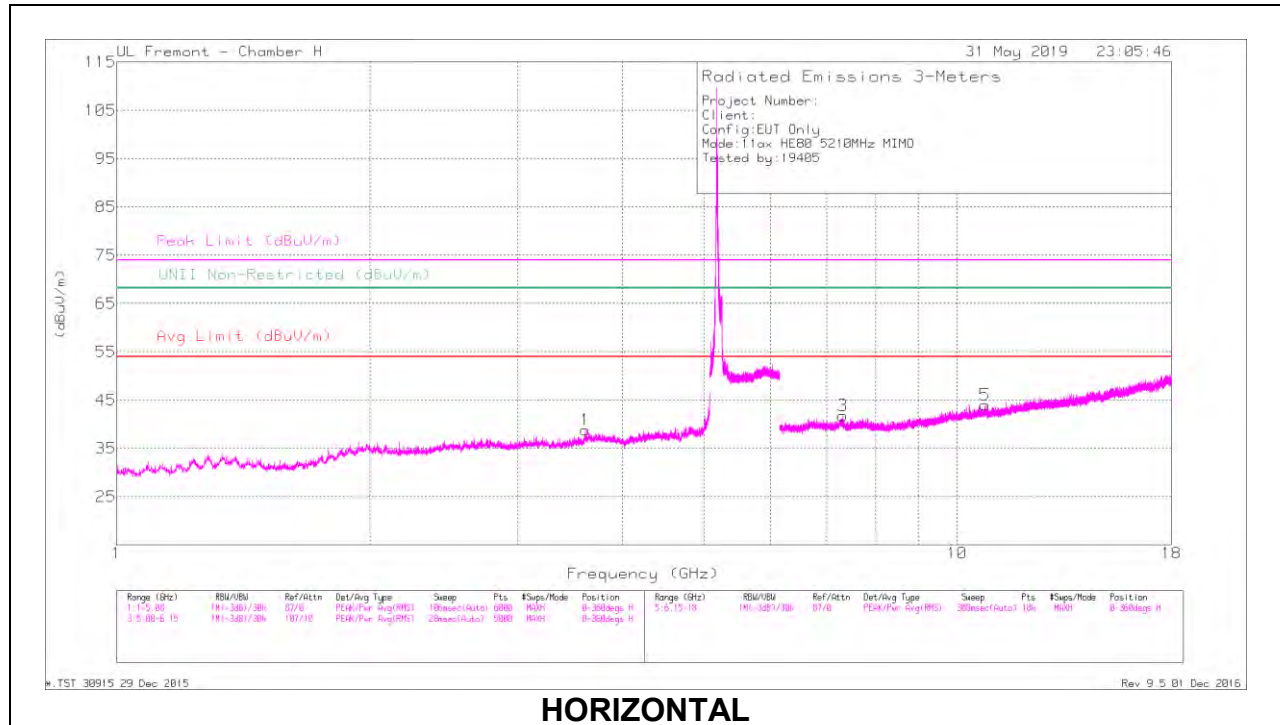
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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/Ch/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.616	42.29	PK-U	33.1	-31	44.39	-	-	74	-29.61	-	-	352	115	H
	* 3.614	30.62	ADR	33.1	-31	32.72	54	-21.28	-	-	-	-	352	115	H
2	* 3.672	42.56	PK-U	33.1	-30.8	44.86	-	-	74	-29.14	-	-	176	130	V
	* 3.67	30.34	ADR	33.1	-30.8	32.64	54	-21.36	-	-	-	-	176	130	V
3	* 7.312	38.02	PK-U	36.4	-26.7	47.72	-	-	74	-26.28	-	-	134	328	H
	* 7.311	27.13	ADR	36.4	-26.6	36.93	54	-17.07	-	-	-	-	134	328	H
5	* 10.798	35.3	PK-U	37.8	-23	50.1	-	-	74	-23.9	-	-	331	299	H
	* 10.798	24.38	ADR	37.8	-23	39.18	54	-14.82	-	-	-	-	331	299	H
6	* 15.498	36.82	PK-U	40.9	-22.6	55.12	-	-	74	-18.88	-	-	319	175	V
	* 15.499	24.97	ADR	40.9	-22.7	43.17	54	-10.83	-	-	-	-	319	175	V
4	10.343	36.94	PK-U	37.5	-23.9	50.54	-	-	-	-	68.2	-17.66	259	179	V

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

PK-U - U-NII: Maximum Peak

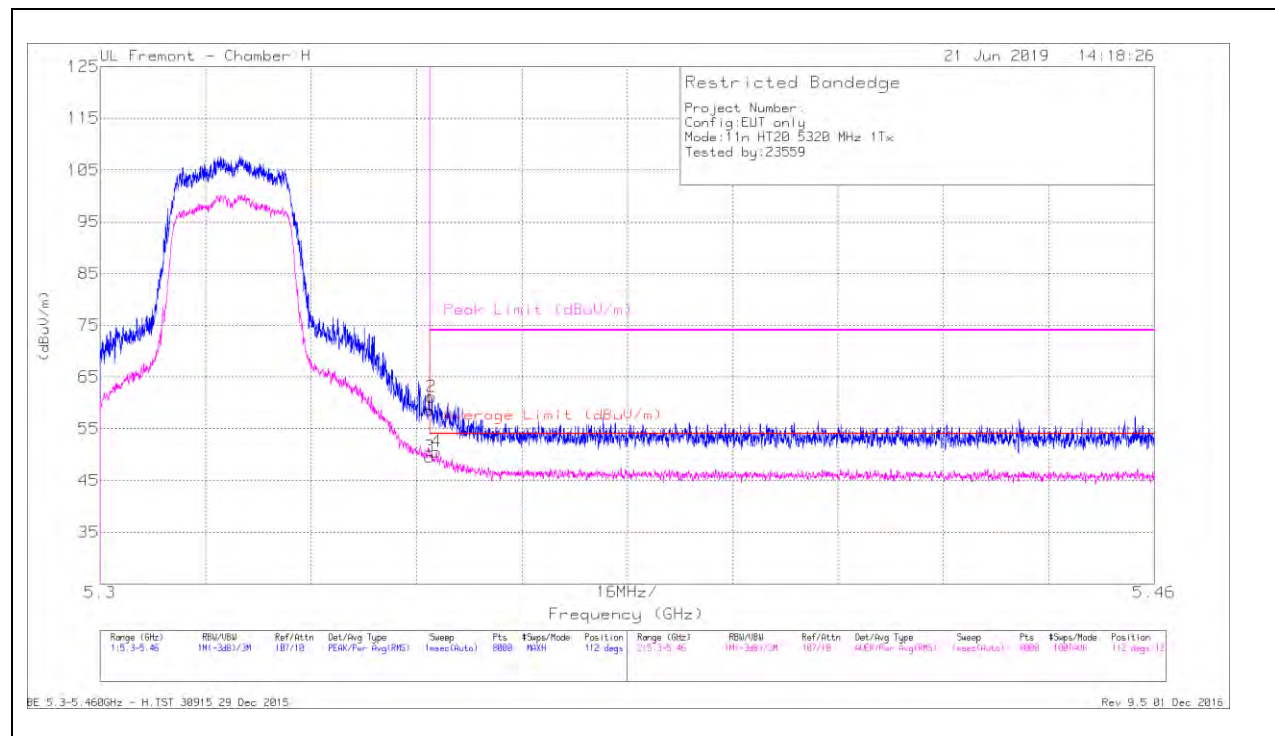
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 6 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



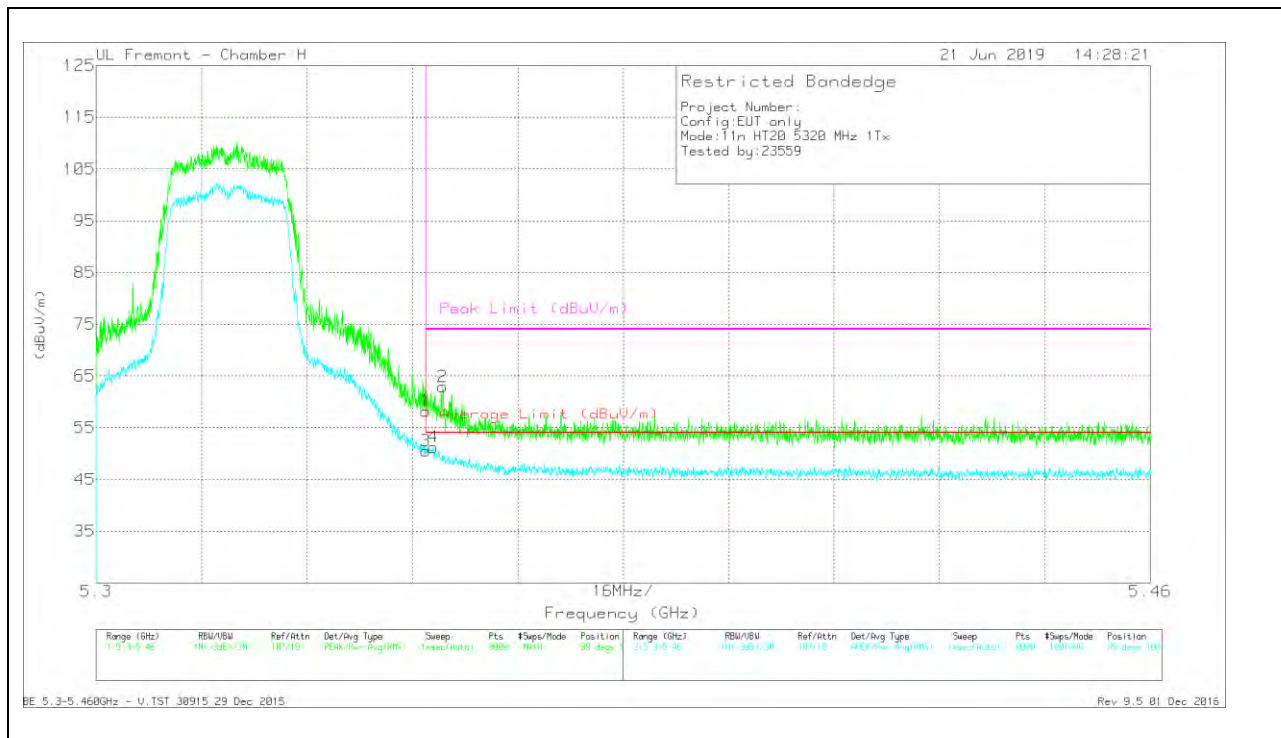
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.15	Pk	34.9	-20.5	58.55	-	-	74	-15.45	112	122	H
2	* 5.35	46.78	Pk	34.9	-20.5	61.18	-	-	74	-12.82	112	122	H
3	* 5.35	35.21	RMS	34.9	-20.5	49.61	54	-4.39	-	-	112	122	H
4	* 5.351	36.13	RMS	34.9	-20.5	50.53	54	-3.47	-	-	112	122	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 T863 (dB/m)	Amp/Cb/Fltr/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	43.8	Pk	34.9	-20.5	58.2	-	-	74	-15.8	89	100	V
2	* 5.353	48.53	Pk	34.9	-20.5	62.93	-	-	74	-11.07	89	100	V
3	* 5.35	36.09	RMS	34.9	-20.5	50.49	54	-3.51	-	-	89	100	V
4	* 5.351	36.8	RMS	34.9	-20.5	51.2	54	-2.8	-	-	89	100	V

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

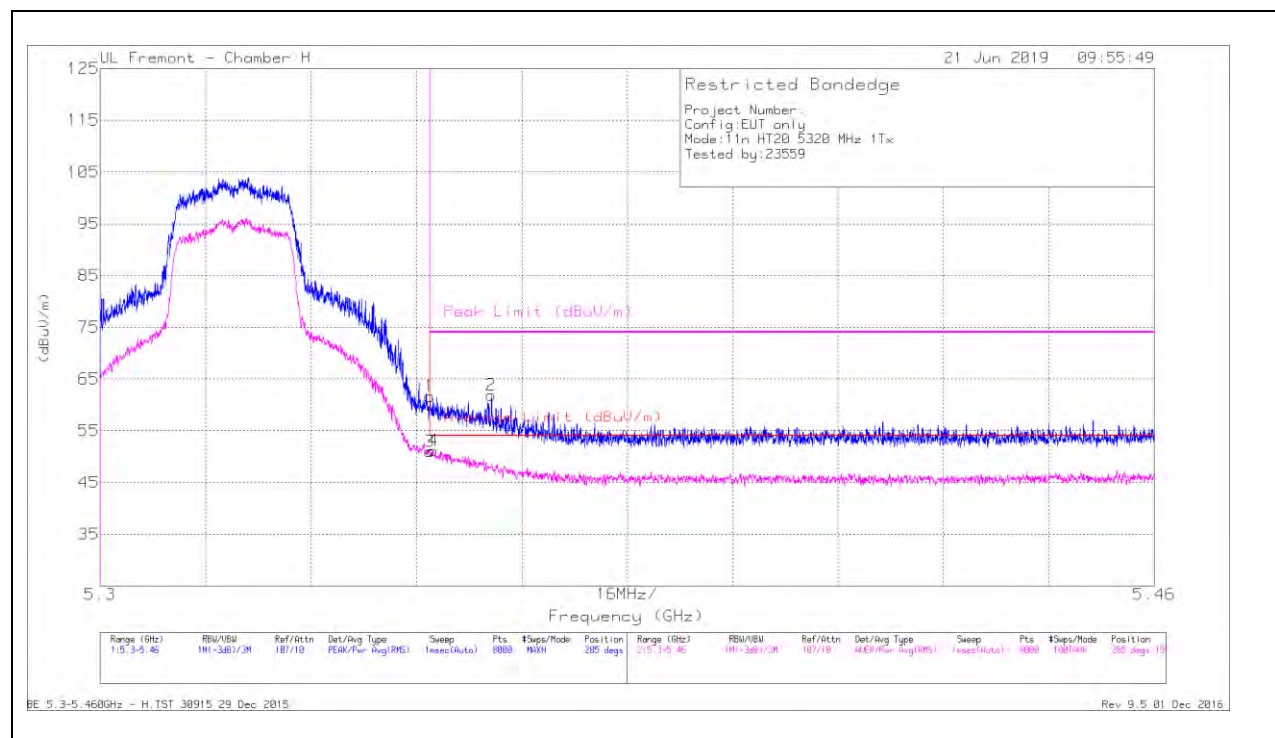
Pk - Peak detector

RMS - RMS detection

1TX Antenna 5 MODE

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



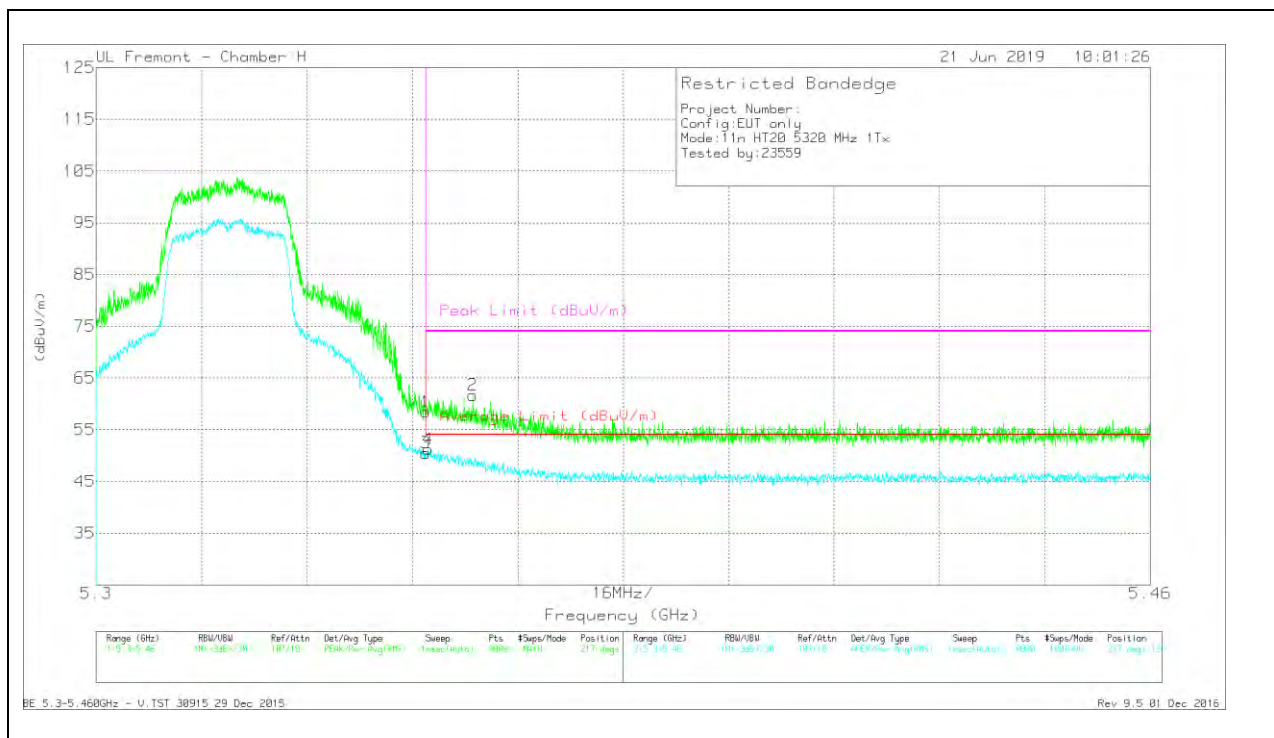
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	47.28	Pk	34.9	-20.5	61.68	-	-	74	-12.32	285	155	H
2	* 5.359	47.46	Pk	34.9	-20.5	61.86	-	-	74	-12.14	285	155	H
3	* 5.35	36.6	RMS	34.9	-20.5	51	54	-3	-	-	285	155	H
4	* 5.351	36.74	RMS	34.9	-20.5	51.14	54	-2.86	-	-	285	155	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	AFT863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.02	Pk	34.9	-20.5	58.42	-	-	74	-15.58	217	120	V
2	* 5.357	47.28	Pk	34.9	-20.5	61.68	-	-	74	-12.32	217	120	V
3	* 5.35	36.07	RMS	34.9	-20.5	50.47	54	-3.53	-	-	217	120	V
4	* 5.35	36.83	RMS	34.9	-20.5	51.23	54	-2.77	-	-	217	120	V

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

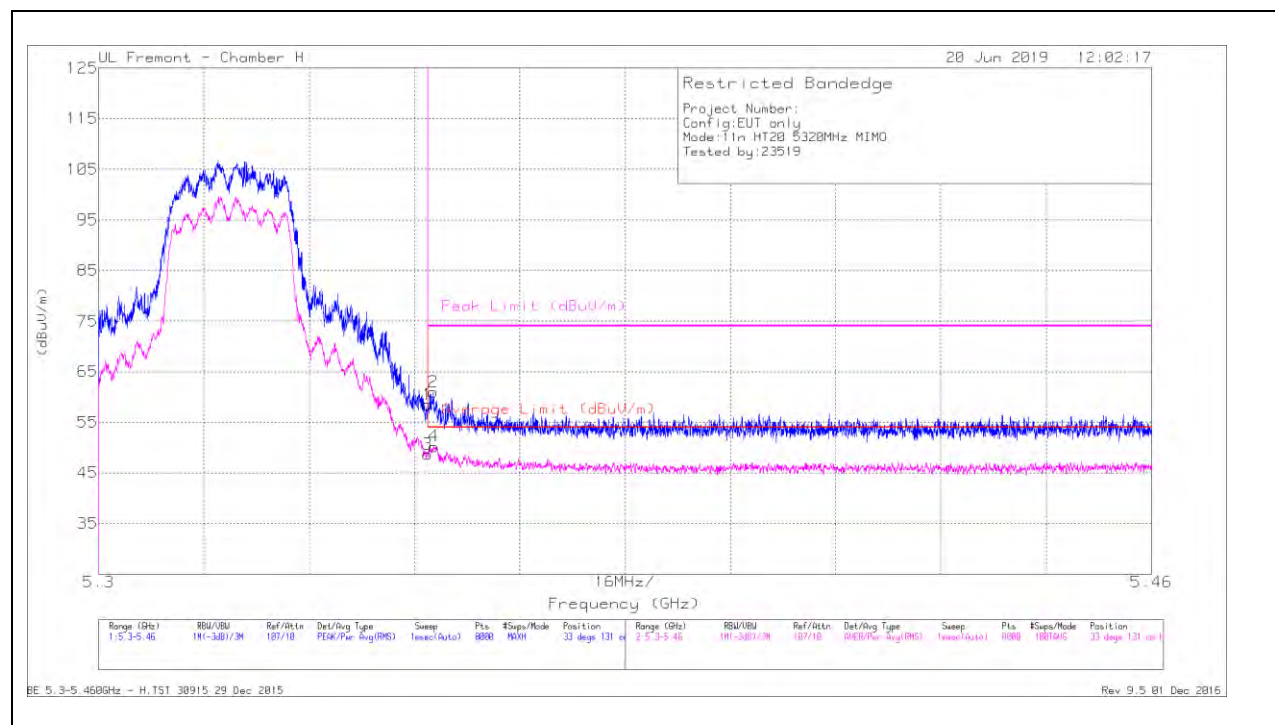
Pk - Peak detector

RMS - RMS detection

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



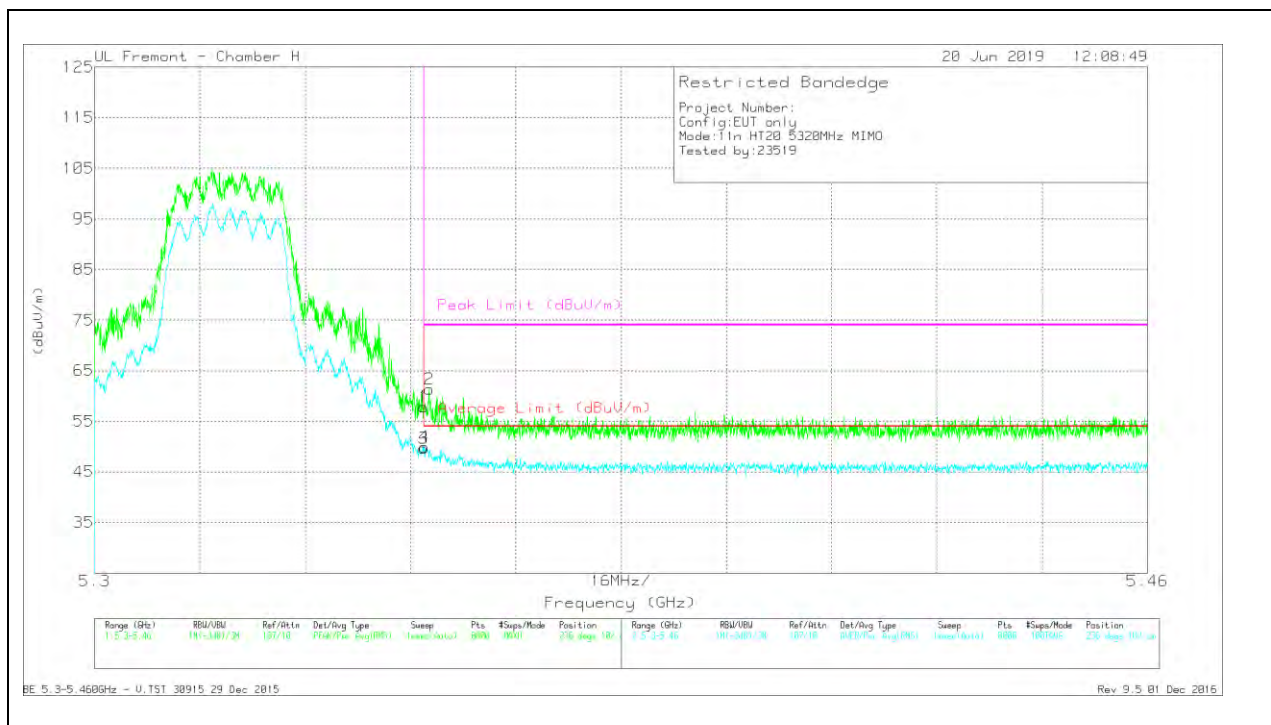
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.03	Pk	34.9	-20.5	58.43	-	-	74	-15.57	33	131	H
2	* 5.351	46.56	Pk	34.9	-20.5	60.96	-	-	74	-13.04	33	131	H
3	* 5.35	34.3	RMS	34.9	-20.5	48.7	54	-5.3	-	-	33	131	H
4	* 5.351	35.83	RMS	34.9	-20.5	50.23	54	-3.77	-	-	33	131	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 T863 (dB/m)	Amp/Cb/Fltr/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	43.49	Pk	34.9	-20.5	57.89	-	-	74	-16.11	236	102	V
2	* 5.351	46.89	Pk	34.9	-20.5	61.29	-	-	74	-12.71	236	102	V
3	* 5.35	35.22	RMS	34.9	-20.5	49.62	54	-4.38	-	-	236	102	V
4	* 5.35	35.54	RMS	34.9	-20.5	49.94	54	-4.06	-	-	236	102	V

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

Pk - Peak detector

RMS - RMS detection