



CERTIFICATION TEST REPORT

Report Number. : 13018918-E4V2

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

Model : A2296

FCC ID : BCG-E3501A

IC : 579C-E3501A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
ISED RSS-247 ISSUE 2
ISED RSS-GEN ISSUE 5

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REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	3/21/2020	Initial Issue	Francisco Guarnero
V2	3/25/2020	Addressed TCB Questions	Chris Xiong

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1. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209 -Restricted bands

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

After January 01, 2019 for Outside of the Restricted Bands Emissions

RSS 247 Issue 2 Sections

6.2.1.2 (for 5150-5250 MHz band)

6.2.2.2 (for 5250-5350 MHz band)

6.2.3.2 (for 5470-5600 MHz and 5650-5725 MHz bands)

6.2.4.2 (for 5725-5850 MHz band)

NCC LP0002 §2.7 and §2.8

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.

For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

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.

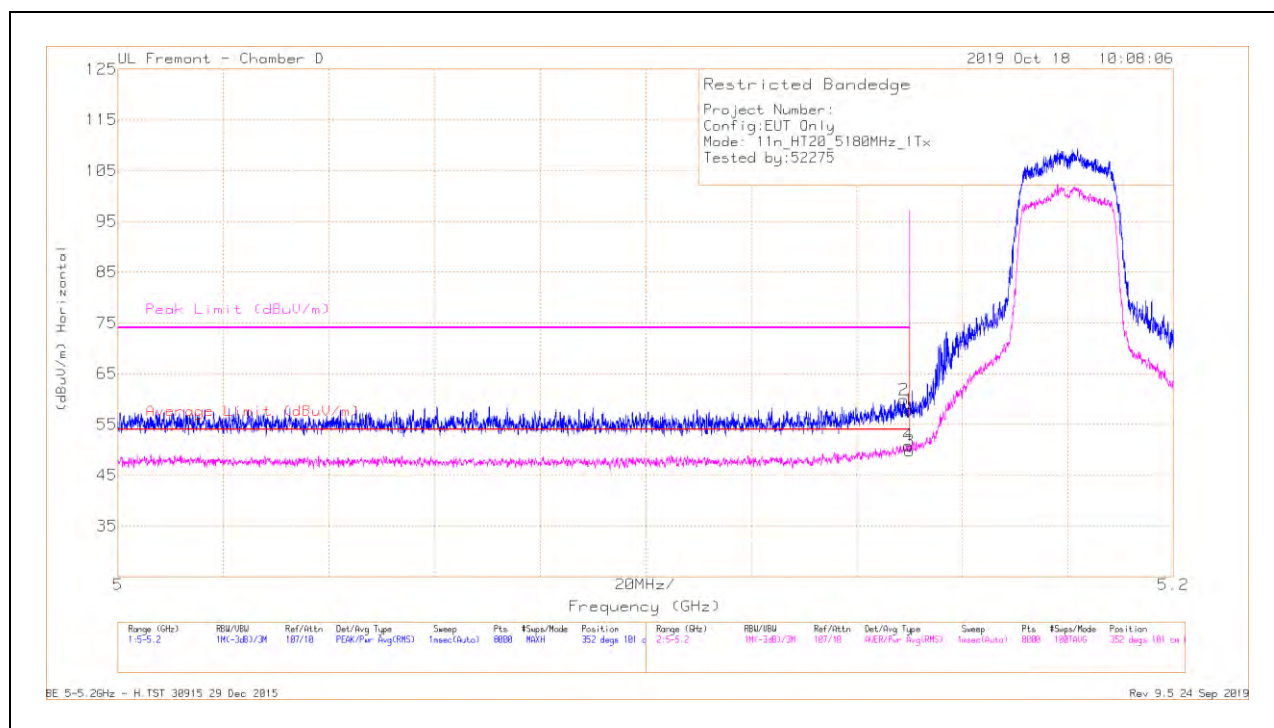
1.1. TRANSMITTER ABOVE 1 GHz

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

1TX UAT2 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



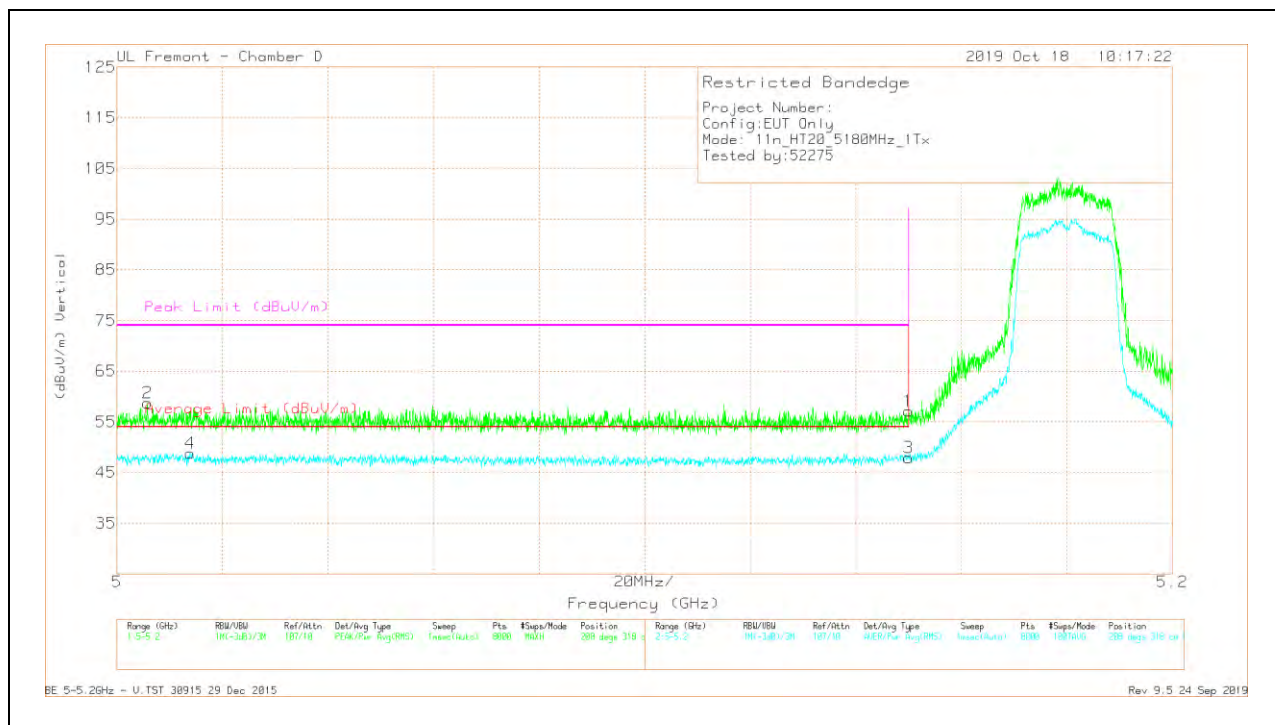
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	42.02	Pk	34.1	-18.2	57.92	-	-	74	-16.08	352	101	H
2	* 5.14894	43.92	Pk	34.1	-18.2	59.82	-	-	74	-14.18	352	101	H
3	* 5.14999	33.86	RMS	34.1	-18.2	49.76	54	-4.24	-	-	352	101	H
4	* 5.14974	34.95	RMS	34.1	-18.2	50.85	54	-3.15	-	-	352	101	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 T712 (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	* 5.14999	41.24	Pk	34.1	-18.2	57.14	-	-	74	-16.86	208	318	V
2	* 5.0058	42.68	Pk	34	-18	58.68	-	-	74	-15.32	208	318	V
3	* 5.14999	32.04	RMS	34.1	-18.2	47.94	54	-6.06	-	-	208	318	V
4	* 5.01385	32.78	RMS	34	-18	48.78	54	-5.22	-	-	208	318	V

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

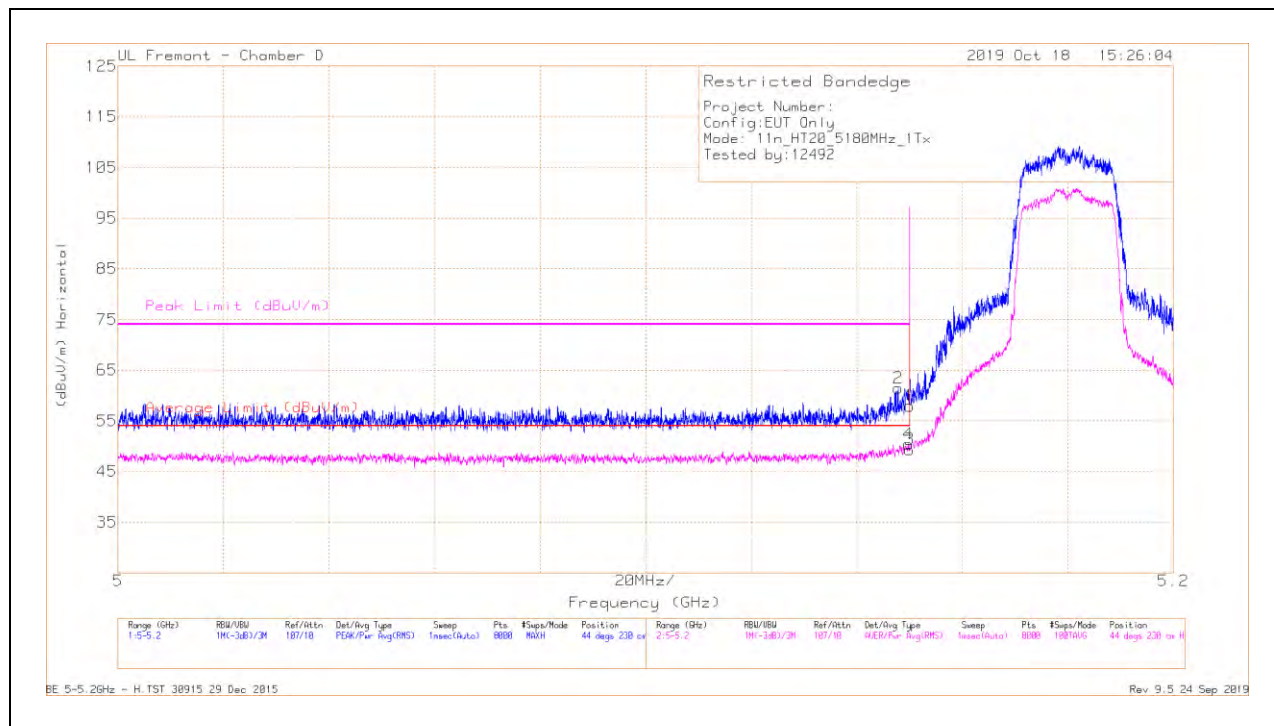
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



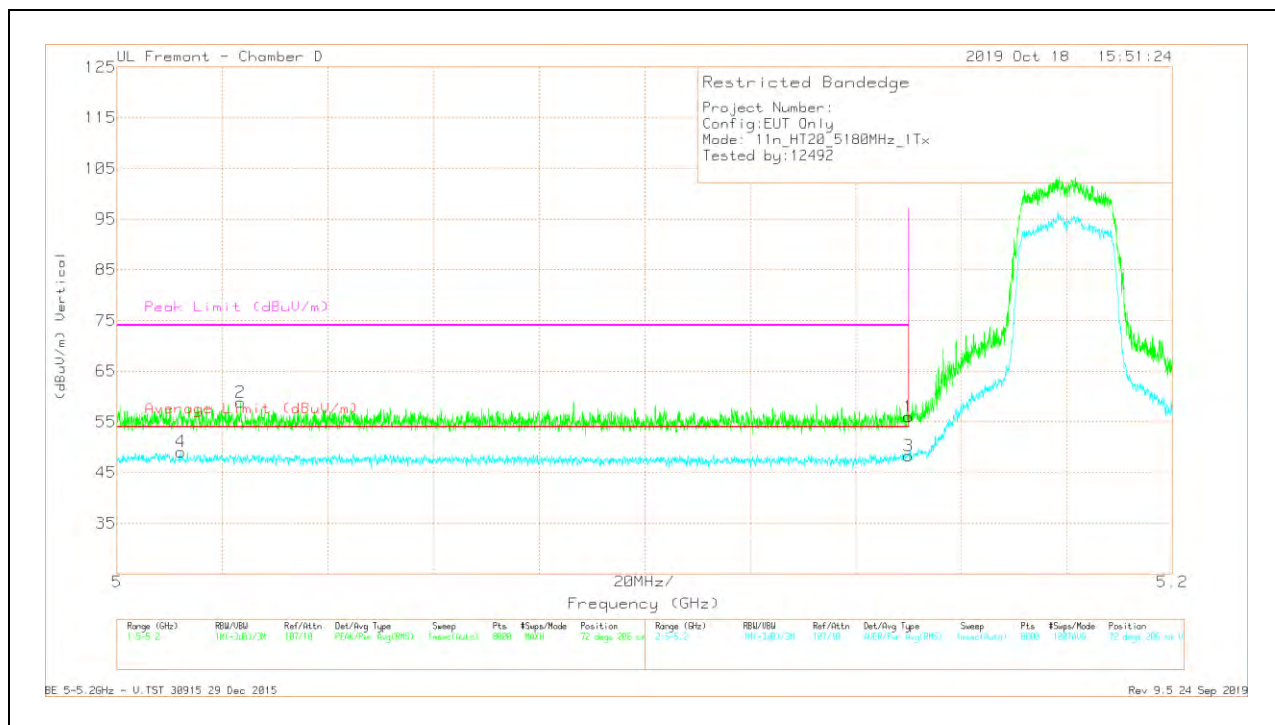
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	42.03	Pk	34.1	-18.2	57.93	-	-	74	-16.07	44	230	H
2	* 5.14782	45.59	Pk	34.1	-18.2	61.49	-	-	74	-12.51	44	230	H
3	* 5.14999	33.46	RMS	34.1	-18.2	49.36	54	-4.64	-	-	44	230	H
4	* 5.14982	34.52	RMS	34.1	-18.2	50.42	54	-3.58	-	-	44	230	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 T712 (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	* 5.14999	40.14	Pk	34.1	-18.2	56.04	-	-	74	-17.96	72	206	V
2	* 5.02343	42.97	Pk	33.9	-18	58.87	-	-	74	-15.13	72	206	V
3	* 5.14999	32.43	RMS	34.1	-18.2	48.33	54	-5.67	-	-	72	206	V
4	* 5.01213	33.11	RMS	34	-18	49.11	54	-4.89	-	-	72	206	V

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

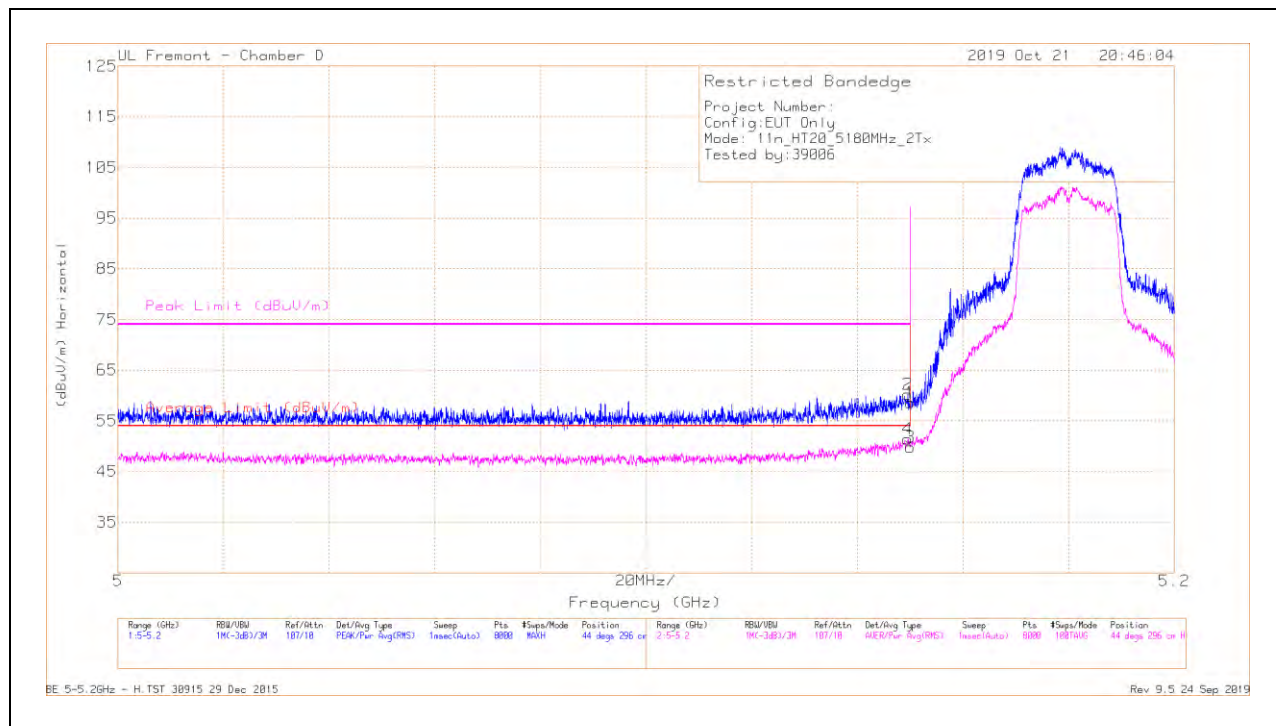
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



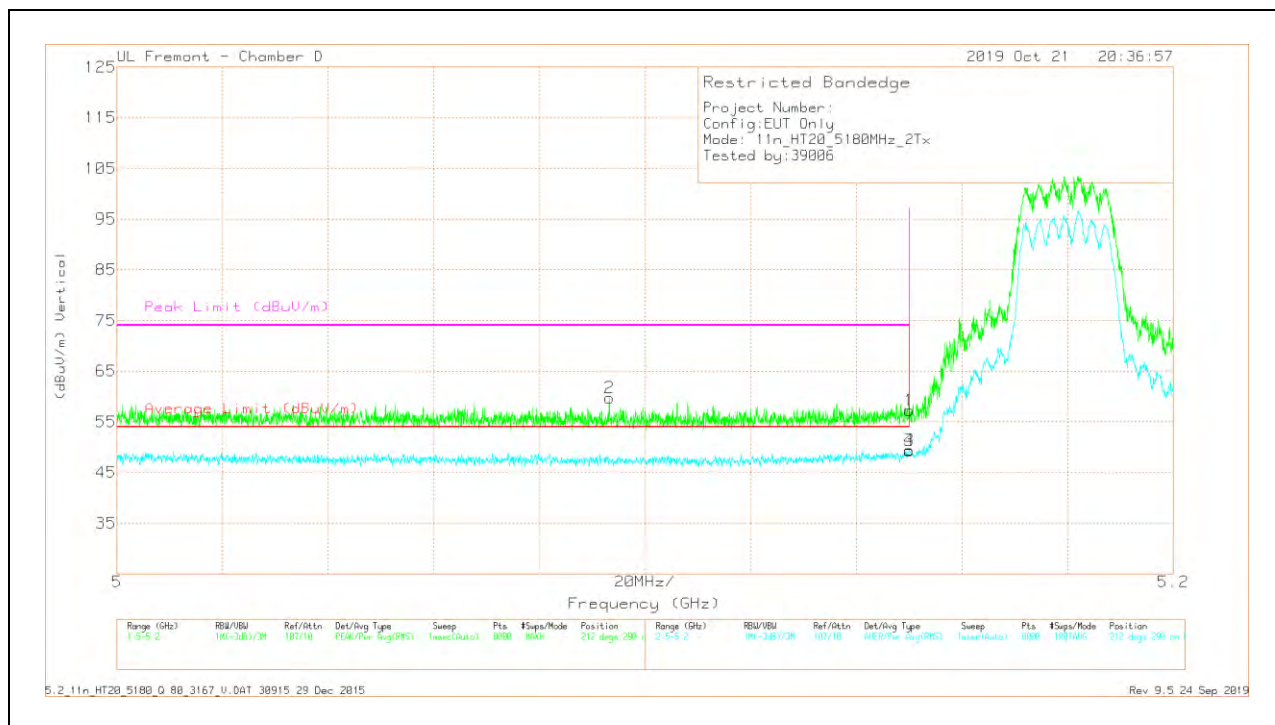
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	42.74	Pk	34.1	-18.2	58.64	-	-	74	-15.36	44	296	H
2	* 5.14957	44.33	Pk	34.1	-18.2	60.23	-	-	74	-13.77	44	296	H
3	* 5.14999	33.9	RMS	34.1	-18.2	49.8	54	-4.2	-	-	44	296	H
4	* 5.14959	35.46	RMS	34.1	-18.2	51.36	54	-2.64	-	-	44	296	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 T712 (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	* 5.14999	41.3	Pk	34.1	-18.2	57.2	-	-	74	-16.8	212	290	V
2	* 5.09324	43.9	Pk	34.1	-18.3	59.7	-	-	74	-14.3	212	290	V
3	* 5.14999	33.46	RMS	34.1	-18.2	49.36	54	-4.64	-	-	212	290	V
4	* 5.14997	33.48	RMS	34.1	-18.2	49.38	54	-4.62	-	-	212	290	V

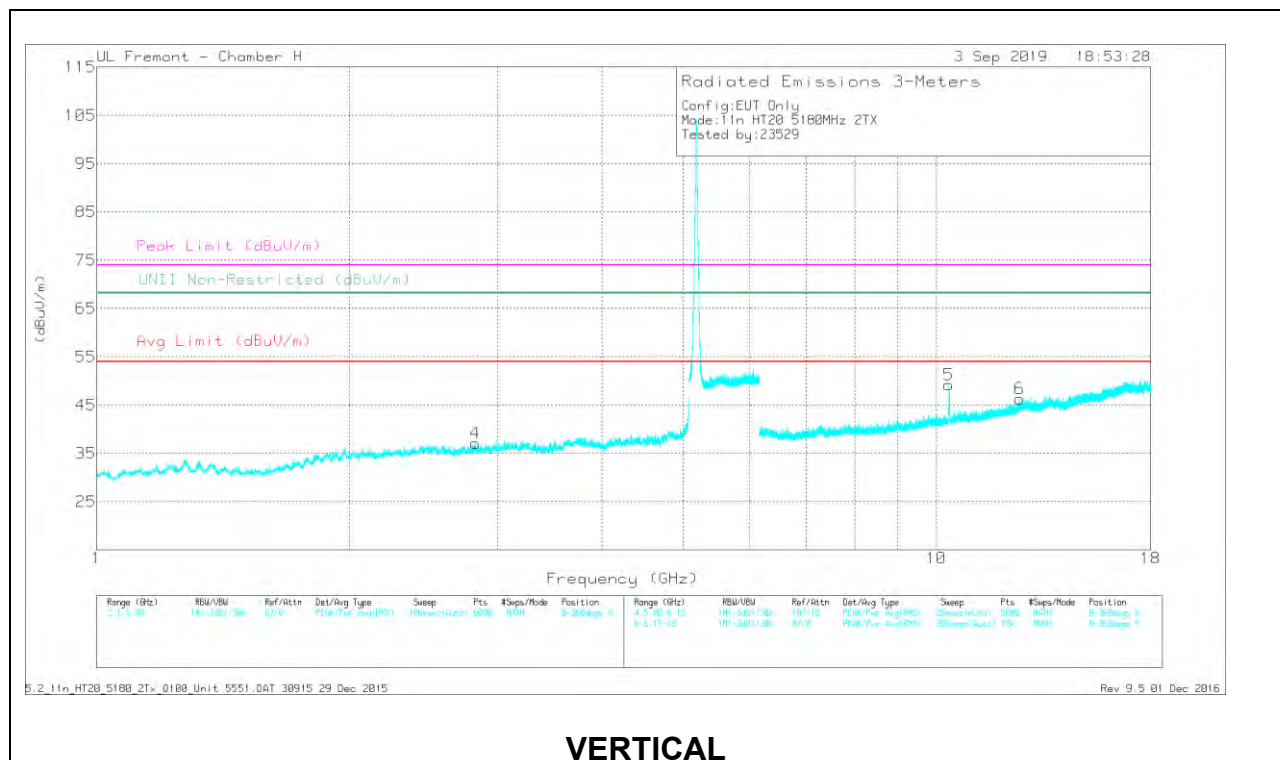
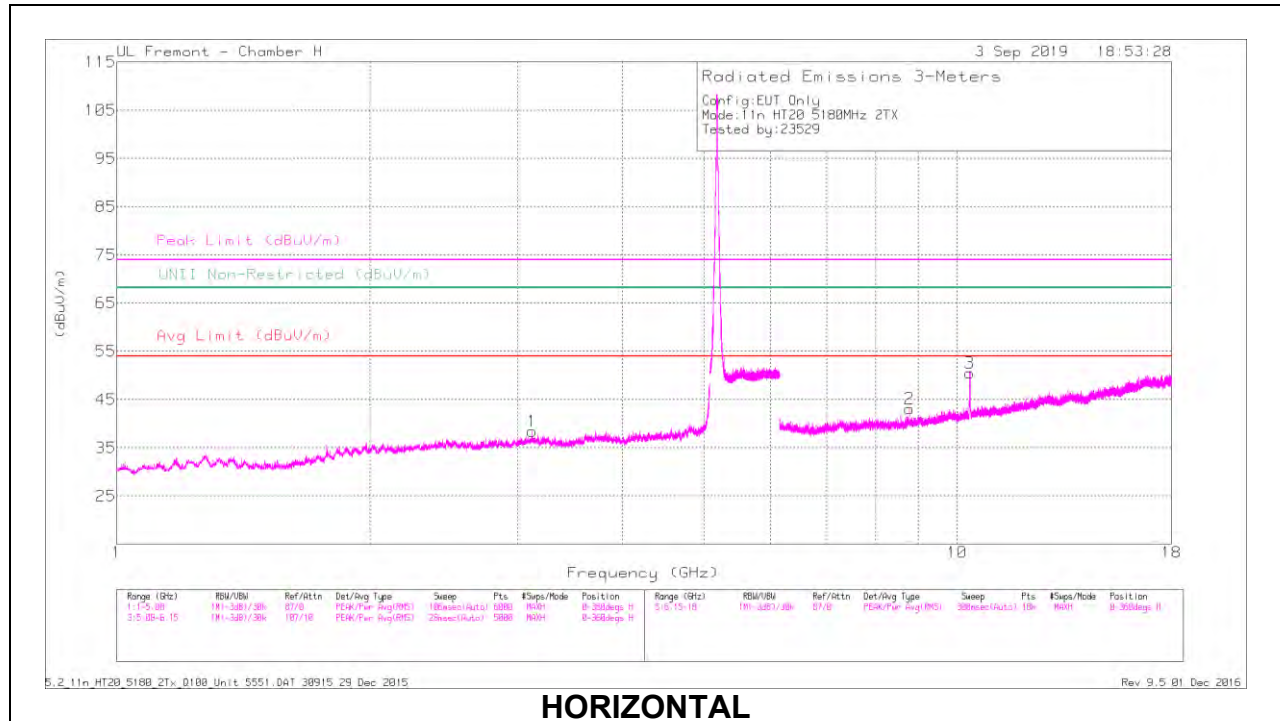
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



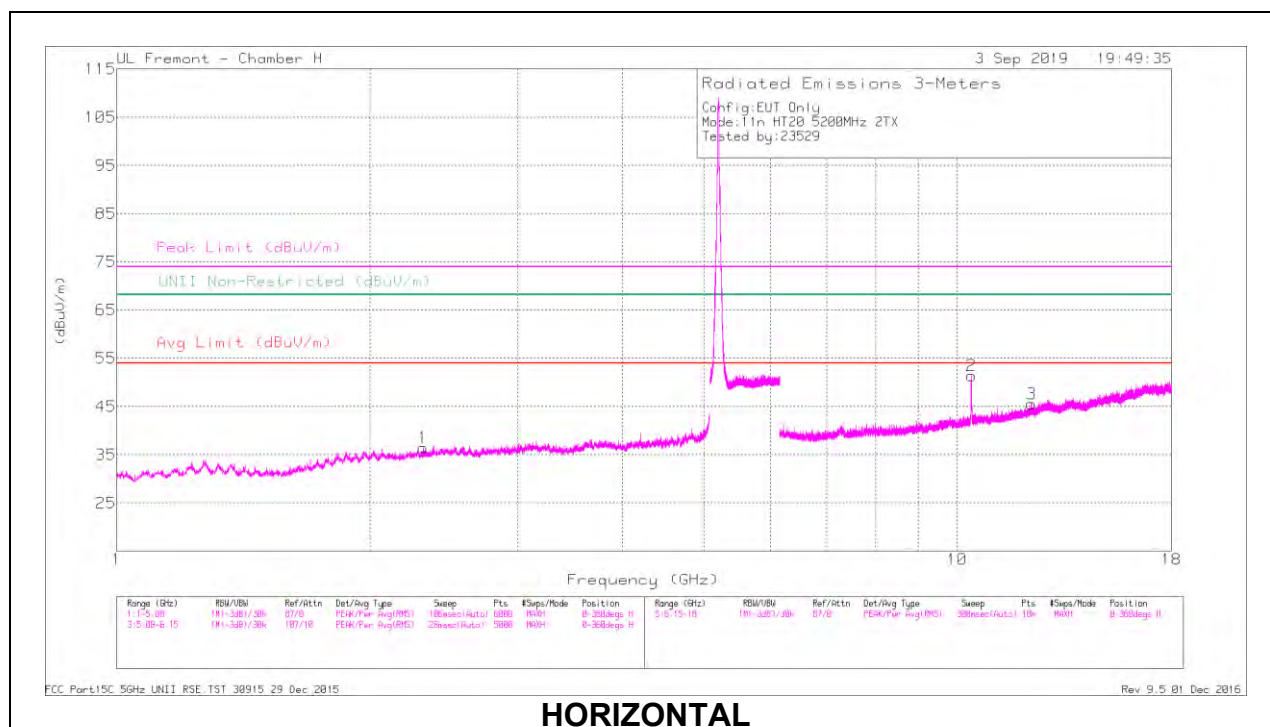
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.828	43.45	PK-U	32.4	-31.7	44.15	-	-	74	-29.85	-	-	213	170	V
	* 2.826	31.8	ADR	32.4	-31.7	32.5	54	-21.5	-	-	-	-	213	170	V
6	* 12.565	36.09	PK-U	39.6	-23	52.69	-	-	74	-21.31	-	-	166	184	V
	* 12.564	24.87	ADR	39.6	-23	41.47	54	-12.53	-	-	-	-	166	184	V
1	3.12	43.02	PK-U	33	-31.5	44.52	-	-	-	-	68.2	-23.68	148	135	H
2	8.778	36.87	PK-U	36.2	-25.2	47.87	-	-	-	-	68.2	-20.33	132	157	H
3	10.355	46.11	PK-U	37.3	-23.9	59.51	-	-	-	-	68.2	-8.69	86	130	H
5	10.359	42.59	PK-U	37.3	-23.9	55.99	-	-	-	-	68.2	-12.21	14	101	V

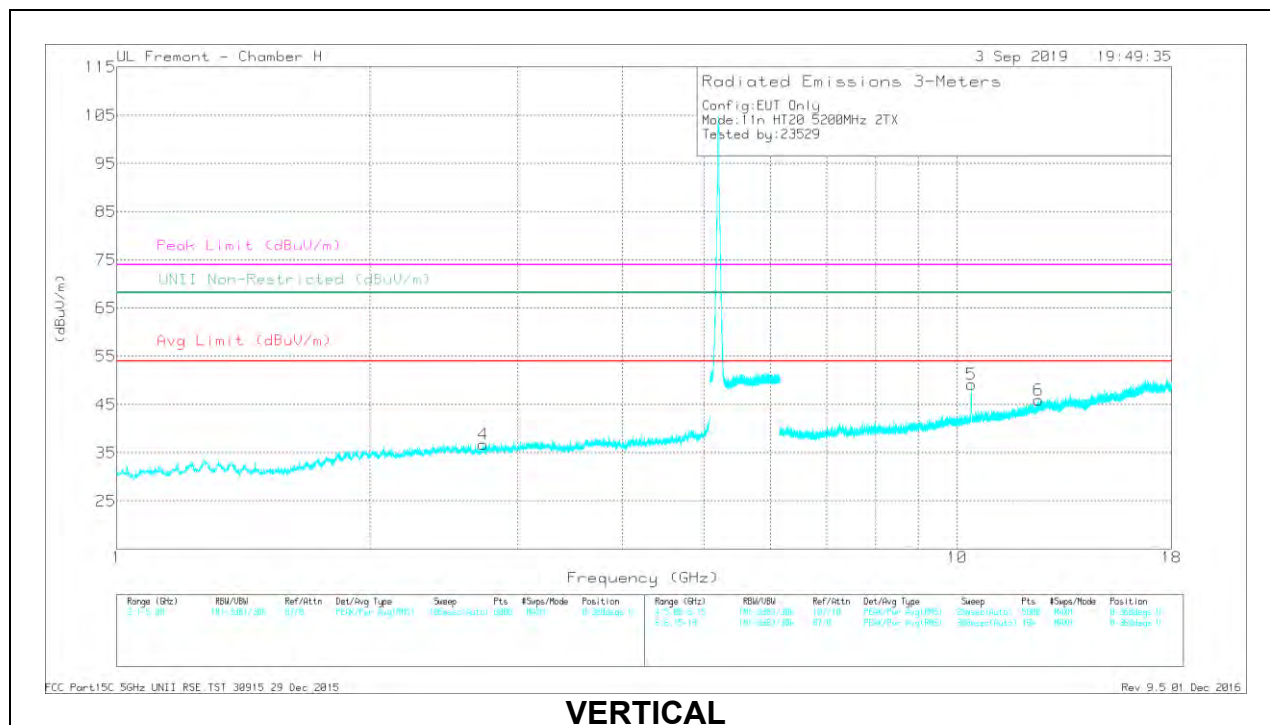
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

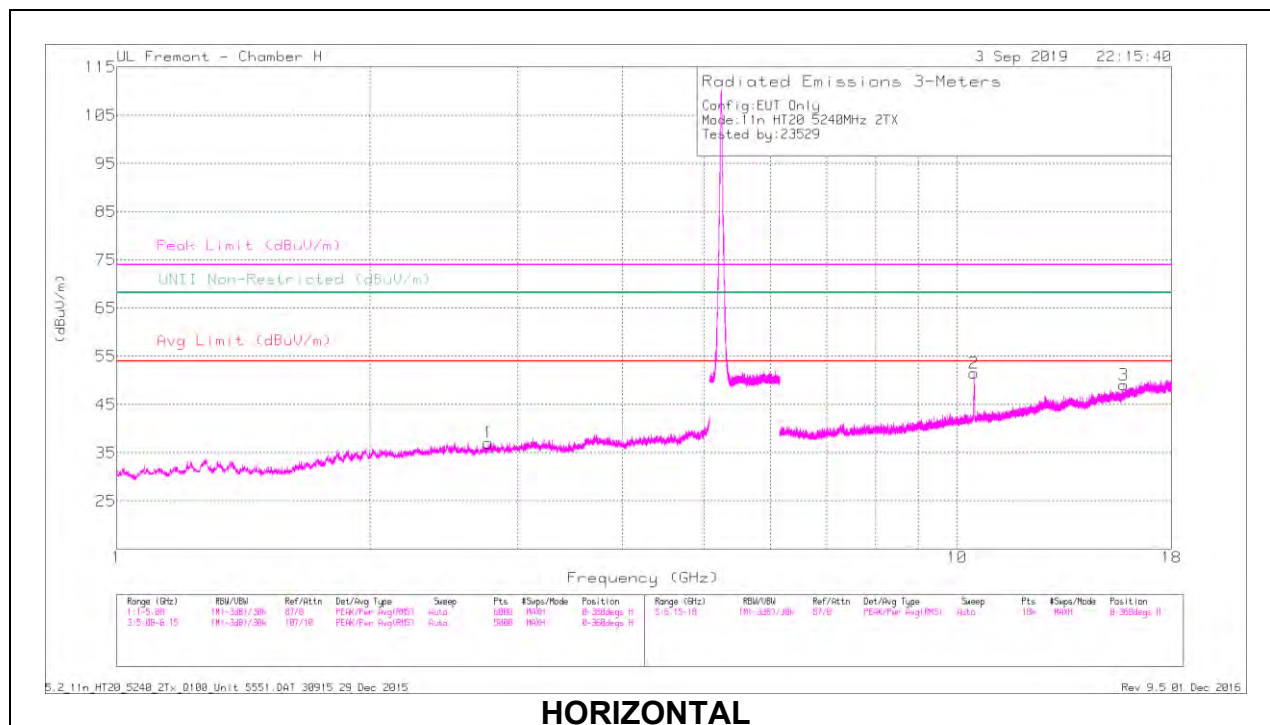
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
-	* 2.316	43.01	PK-U	31.8	-31.9	42.91	-	-	74	-31.09	-	-	139	145	H
-	* 2.316	31.41	ADR	31.8	-31.9	31.31	54	-22.69	-	-	-	-	139	145	H
4	* 2.732	43.19	PK-U	32.2	-31.6	43.79	-	-	74	-30.21	-	-	267	114	V
-	* 2.731	31.31	ADR	32.2	-31.6	31.91	54	-22.09	-	-	-	-	267	114	V
3	* 12.263	36.26	PK-U	38.9	-23.3	51.86	-	-	74	-22.14	-	-	204	125	H
-	* 12.261	24.94	ADR	38.9	-23.3	40.54	54	-13.46	-	-	-	-	204	125	H
6	* 12.496	36.69	PK-U	39.3	-23.5	52.49	-	-	74	-21.51	-	-	171	185	V
-	* 12.498	24.72	ADR	39.3	-23.5	40.52	54	-13.48	-	-	-	-	171	185	V
2	10.401	46.27	PK-U	37.3	-24.1	59.47	-	-	-	-	68.2	-8.73	84	116	H
5	10.402	42.63	PK-U	37.3	-24.1	55.83	-	-	-	-	68.2	-12.37	11	113	V

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

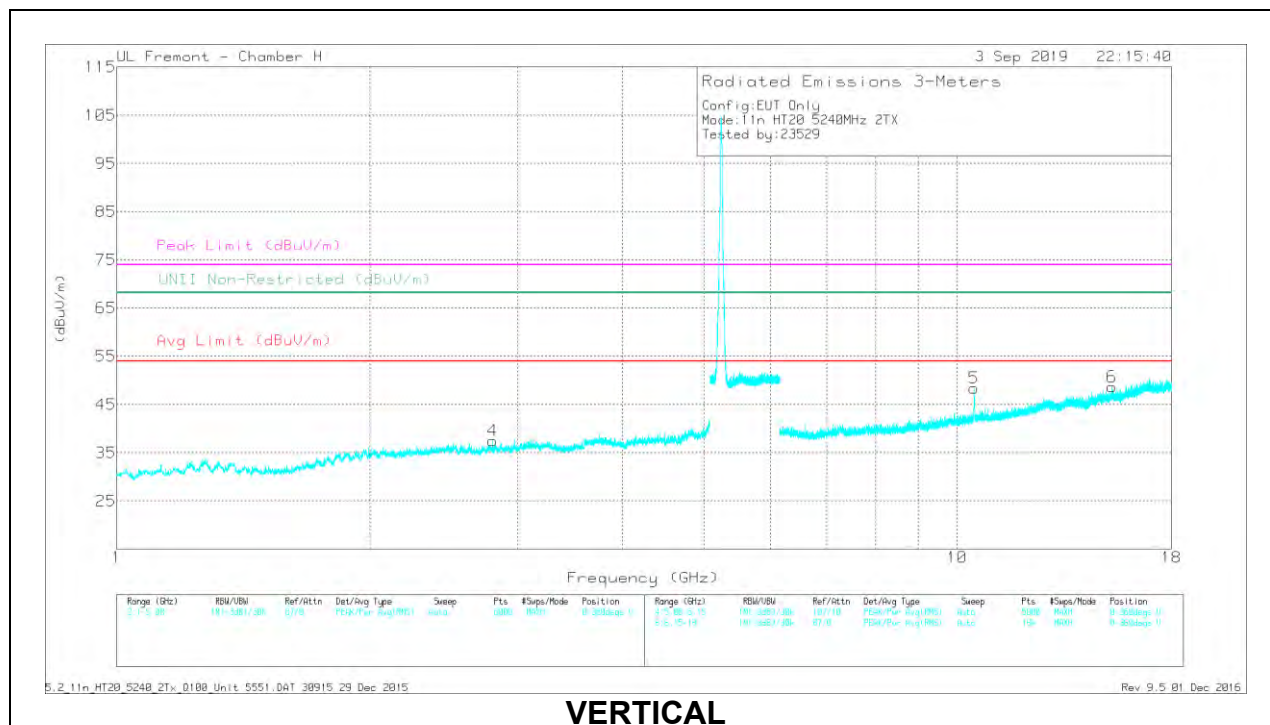
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.766	43.88	PK-U	32.2	-31.7	44.38	-	-	74	-29.62	-	-	158	202	H
	* 2.769	31.7	ADR	32.2	-31.7	32.2	54	-21.8	-	-	-	-	158	202	H
4	* 2.801	43.66	PK-U	32.4	-31.8	44.26	-	-	74	-29.74	-	-	203	154	V
	* 2.8	31.57	ADR	32.4	-31.8	32.17	54	-21.83	-	-	-	-	203	154	V
3	* 15.787	35.96	PK-U	40.8	-22.1	54.66	-	-	74	-19.34	-	-	185	169	H
	* 15.788	25	ADR	40.8	-22.2	43.6	54	-10.4	-	-	-	-	185	169	H
2	10.48	45.35	PK-U	37.4	-23.7	59.05	-	-	-	-	68.2	-9.15	85	127	H
5	10.482	41.71	PK-U	37.4	-23.7	55.41	-	-	-	-	68.2	-12.79	11	134	V
6	15.296	35.94	PK-U	40.9	-22.1	54.74	-	-	-	-	68.2	-13.46	299	188	V

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

PK-U - U-NII: Maximum Peak

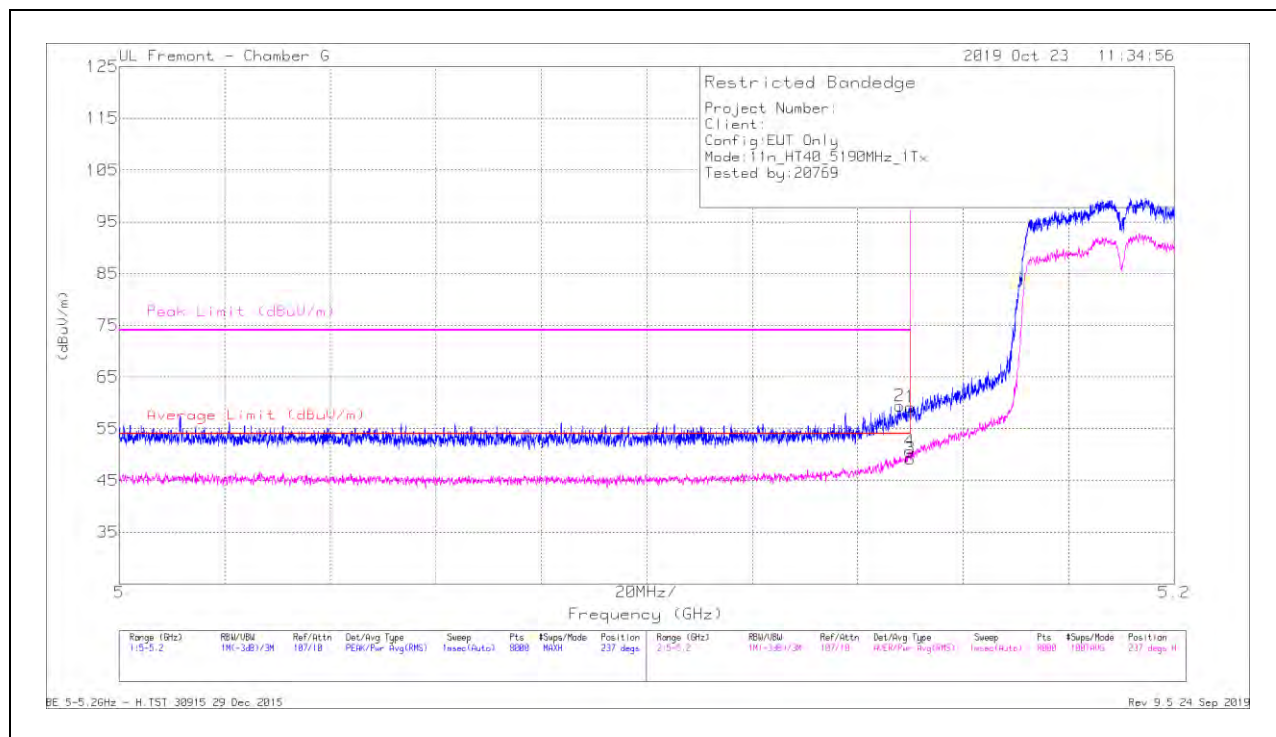
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



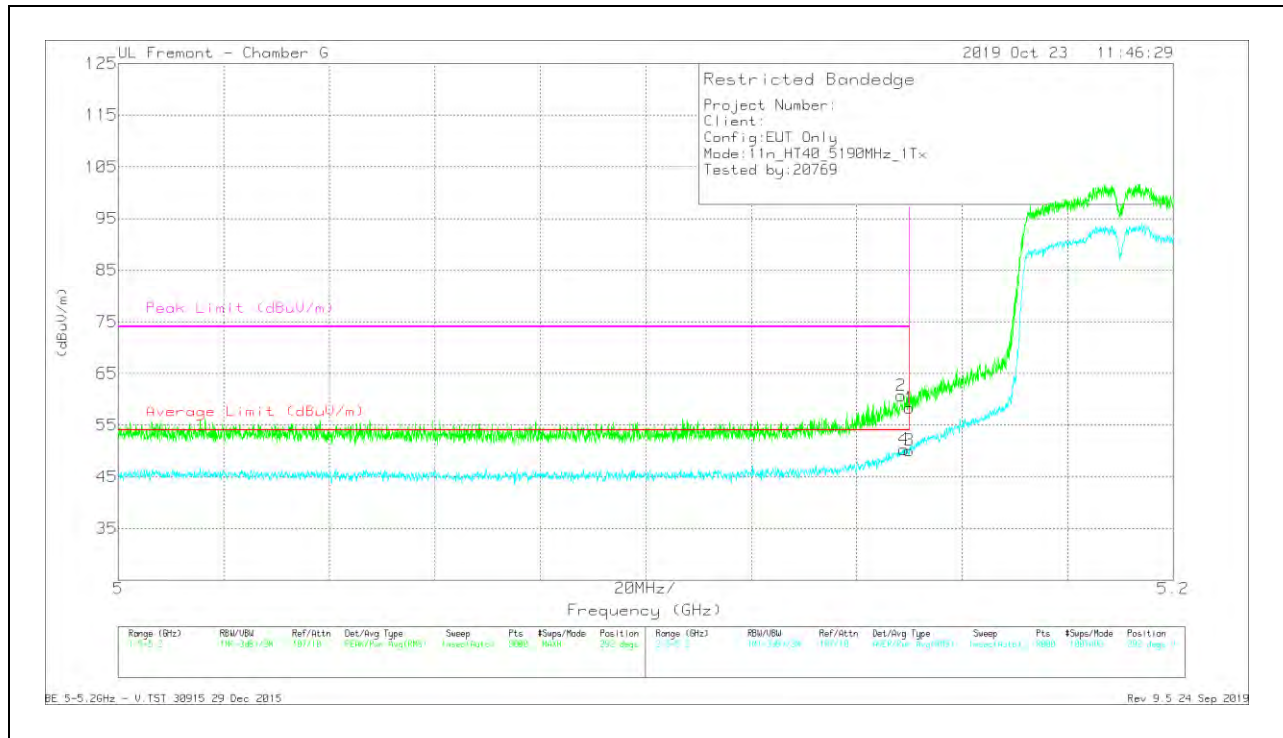
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	45.19	Pk	34.3	-20.3	0	59.19	-	-	74	-14.81	237	109	H
2	* 5.14789	45.42	Pk	34.3	-20.3	0	59.42	-	-	74	-14.58	237	109	H
3	* 5.14999	35.15	RMS	34.3	-20.3	.09	49.24	54	-4.76	-	-	237	109	H
4	* 5.14987	36.57	RMS	34.3	-20.3	.09	50.66	54	-3.34	-	-	237	109	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 5.14999	44.31	Pk	34.3	-20.3	0	58.31	-	-	74	-15.69	292	100	V
2	* 5.14839	46.69	Pk	34.3	-20.3	0	60.69	-	-	74	-13.31	292	100	V
3	* 5.14999	36	RMS	34.3	-20.3	.09	50.09	54	-3.91	-	-	292	100	V
4	* 5.14894	36.22	RMS	34.3	-20.3	.09	50.31	54	-3.69	-	-	292	100	V

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

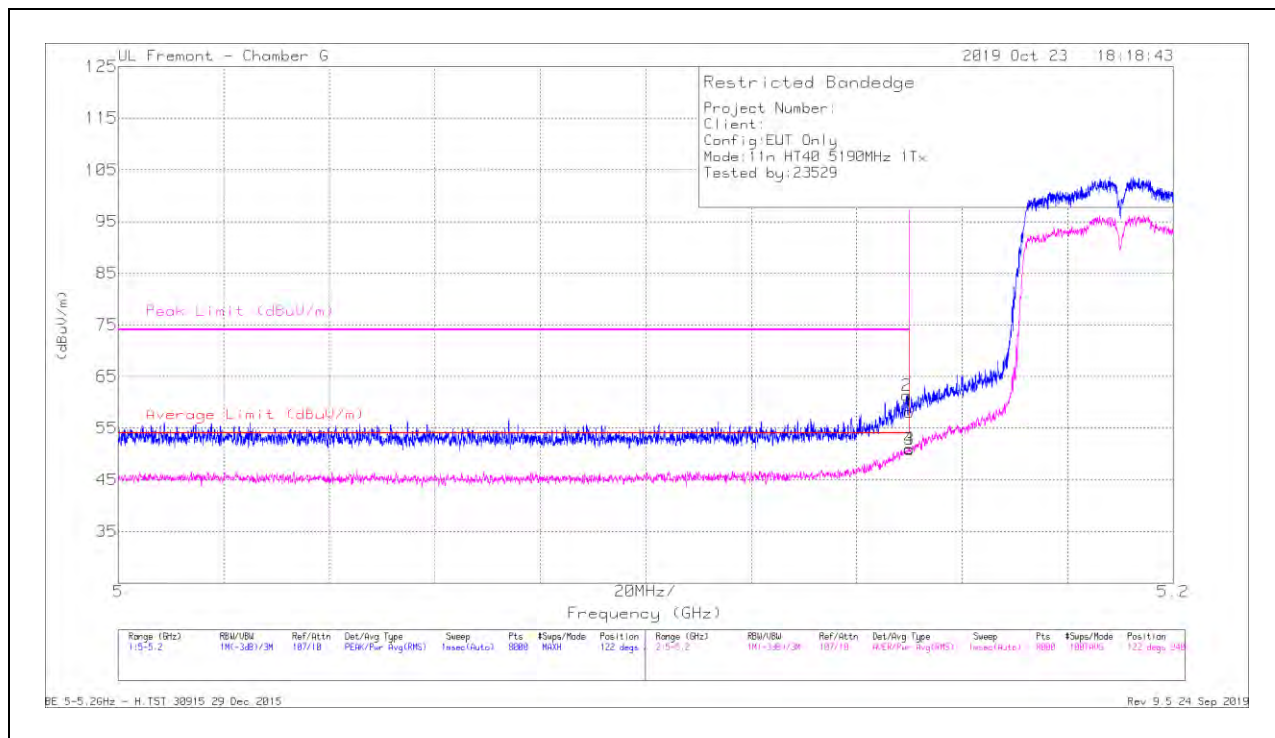
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



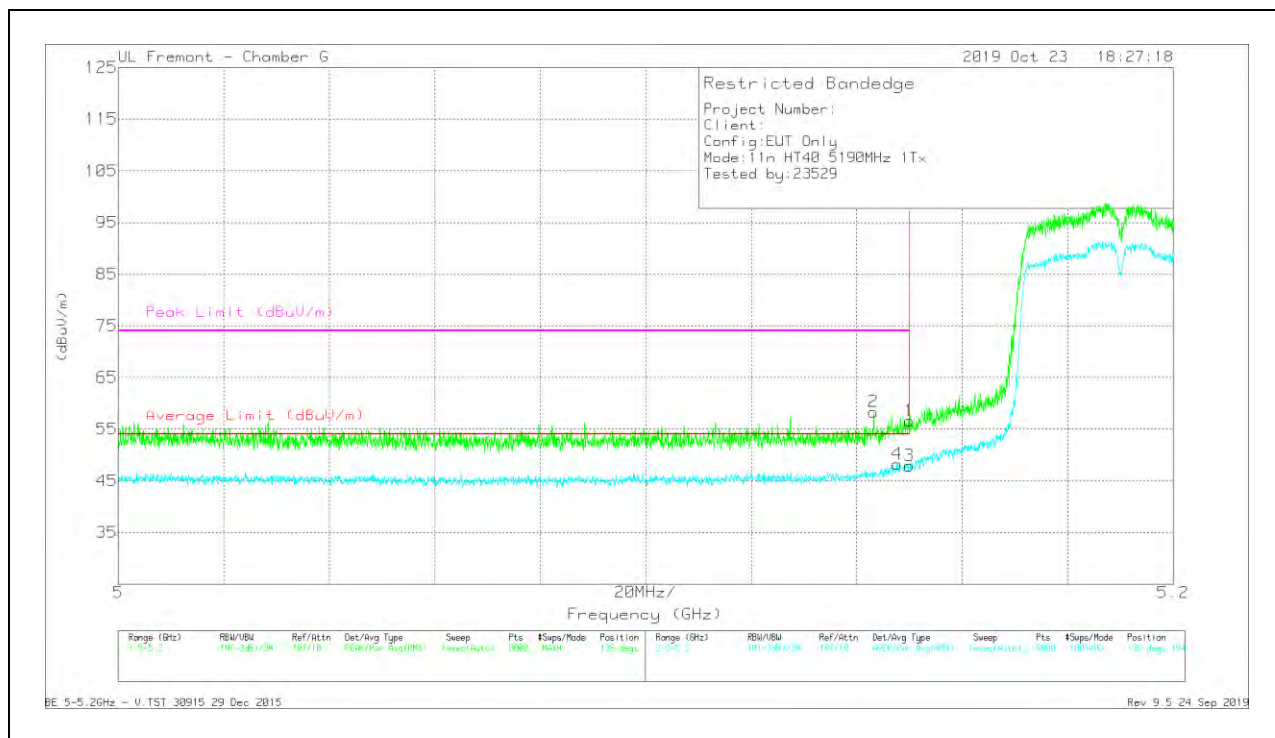
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.15	Pk	34.3	-20.3	0	58.15	-	-	74	-15.85	122	240	H
2	* 5.14952	47.33	Pk	34.3	-20.3	0	61.33	-	-	74	-12.67	122	240	H
3	* 5.14999	36.84	RMS	34.3	-20.3	.09	50.93	54	-3.07	-	-	122	240	H
4	* 5.14997	36.92	RMS	34.3	-20.3	.09	51.01	54	-2.99	-	-	122	240	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/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	* 5.14319	44.36	Pk	34.3	-20.3	0	58.36	-	-	74	-15.64	136	194	V
4	* 5.14764	34.15	RMS	34.3	-20.3	.09	48.24	54	-5.76	-	-	136	194	V
1	* 5.14999	42.6	Pk	34.3	-20.3	0	56.6	-	-	74	-17.4	136	194	V
3	* 5.14999	33.84	RMS	34.3	-20.3	.09	47.93	54	-6.07	-	-	136	194	V

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

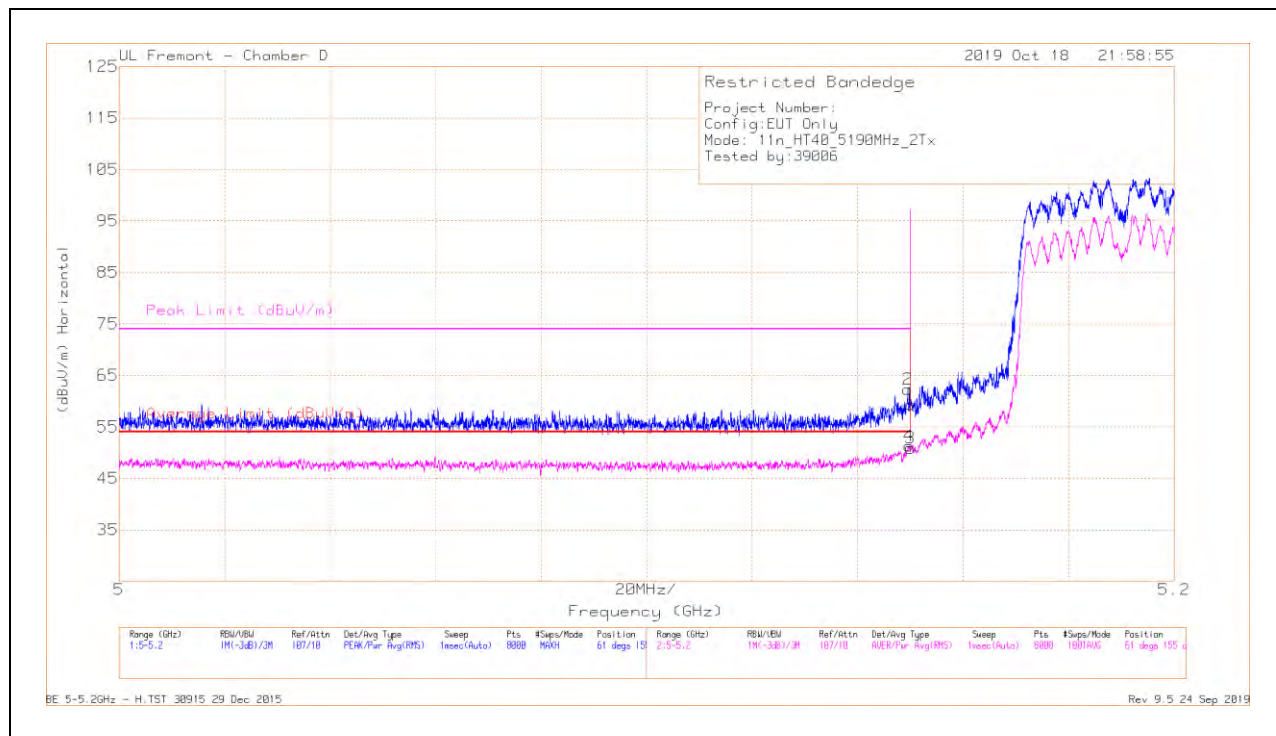
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



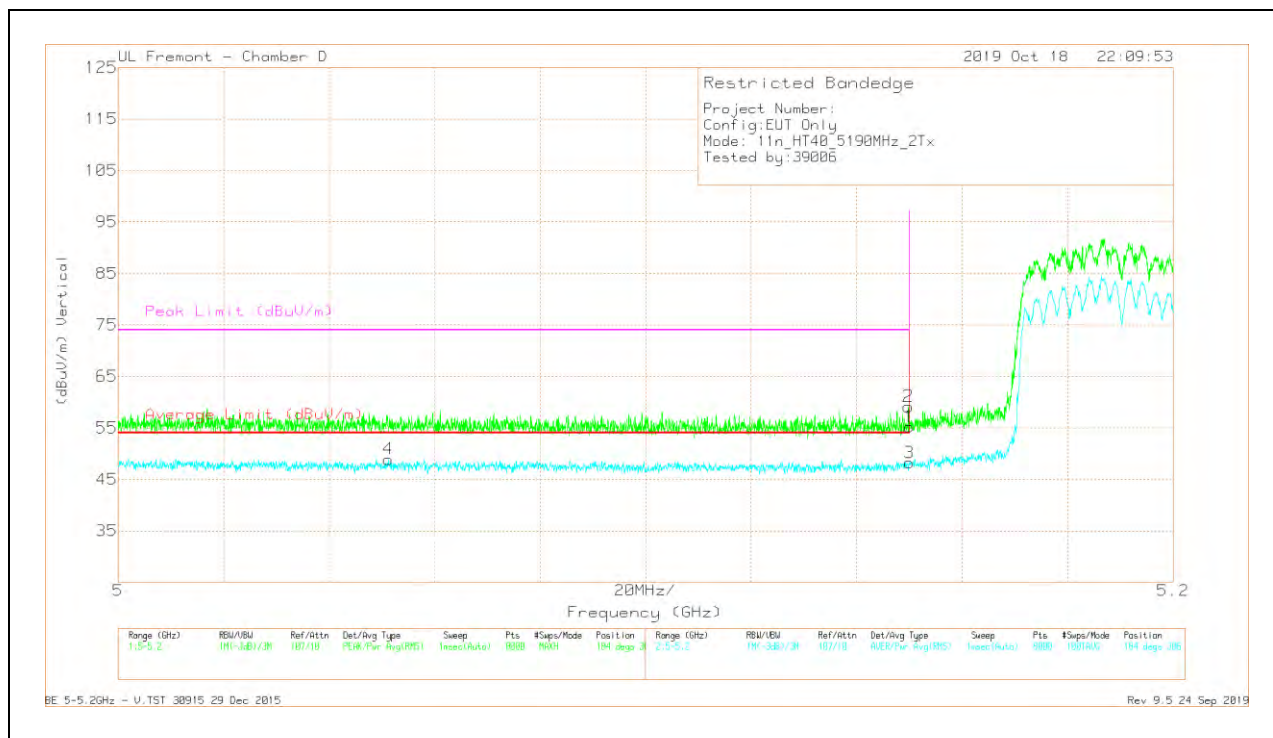
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	43.5	PK	34.1	-18.2	0	59.4	-	-	74	-14.6	61	155	H
2	* 5.14949	46.39	PK	34.1	-18.2	0	62.29	-	-	74	-11.71	61	155	H
3	* 5.14999	34.89	RMS	34.1	-18.2	.09	50.88	54	-3.12	-	-	61	155	H
4	* 5.14977	35.27	RMS	34.1	-18.2	.09	51.26	54	-2.74	-	-	61	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	AF T712 (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	* 5.14999	39.28	Pk	34.1	-18.2	0	55.18	-	-	74	-18.82	184	306	V
2	* 5.14979	43.25	Pk	34.1	-18.2	0	59.15	-	-	74	-14.85	184	306	V
3	* 5.14999	32.23	RMS	34.1	-18.2	.09	48.22	54	-5.78	-	-	184	306	V
4	* 5.05126	33.02	RMS	34	-18.2	.09	48.91	54	-5.09	-	-	184	306	V

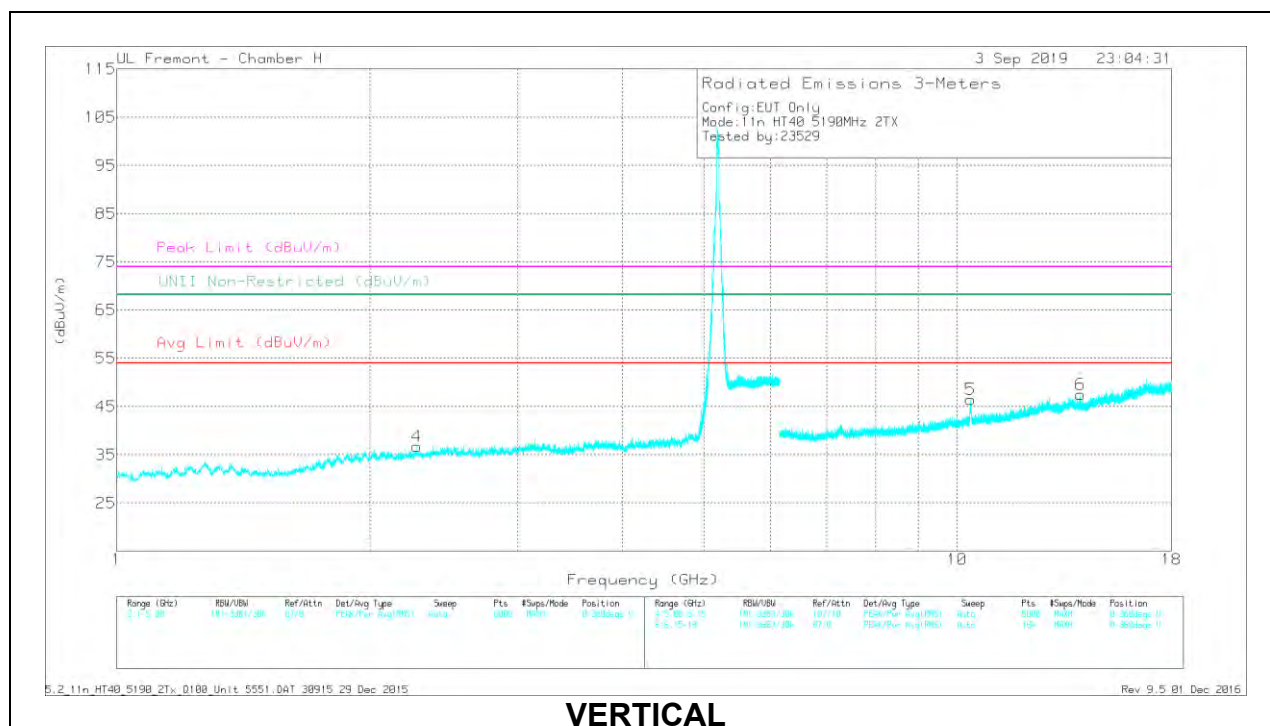
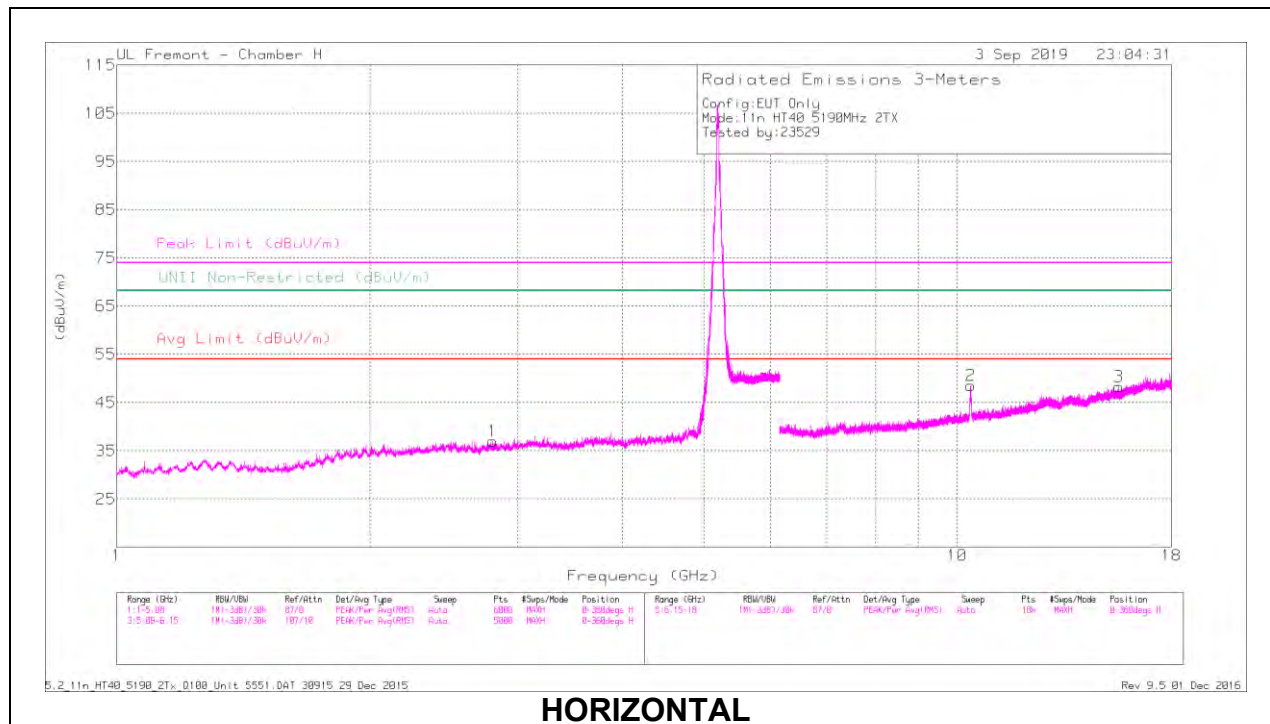
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

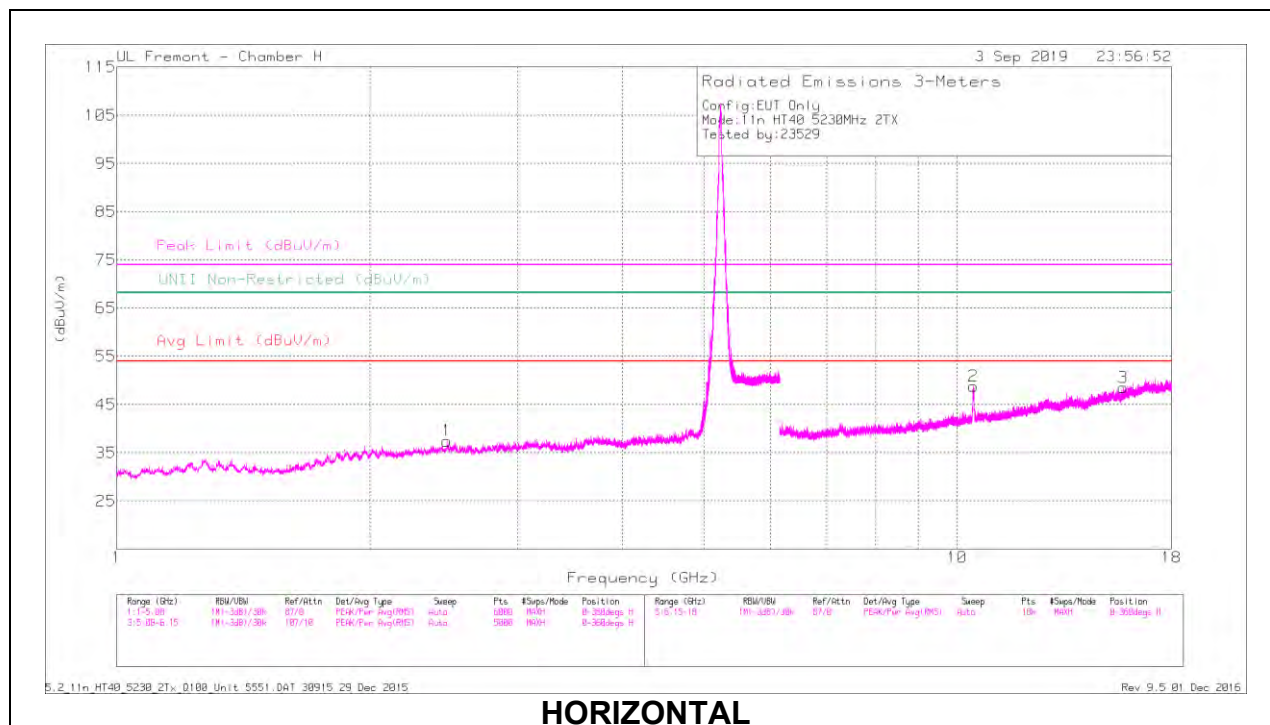
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.801	43.31	PK-U	32.4	-31.8	0	43.91	-	-	74	-30.09	-	-	193	128	H
	* 2.798	31.11	ADR	32.4	-31.8	0.09	31.80	54	-22.20	-	-	-	-	193	128	H
4	* 2.278	43.84	PK-U	31.9	-32	0	43.74	-	-	74	-30.26	-	-	223	192	V
	* 2.278	31.81	ADR	31.9	-32	0.09	31.80	54	-22.20	-	-	-	-	223	192	V
3	* 15.567	35.64	PK-U	40.8	-22.5	0	53.94	-	-	74	-20.06	-	-	334	192	H
	* 15.569	24.54	ADR	40.8	-22.5	0.09	42.93	54	-11.07	-	-	-	-	334	192	H
5	10.379	40.44	PK-U	37.4	-24.2	0	53.64	-	-	-	-	68.2	-14.56	7	182	V
2	10.387	42.92	PK-U	37.3	-24	0	56.22	-	-	-	-	68.2	-11.98	79	113	H
6	14.029	36.02	PK-U	39.3	-22.1	0	53.22	-	-	-	-	68.2	-14.98	142	163	V

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

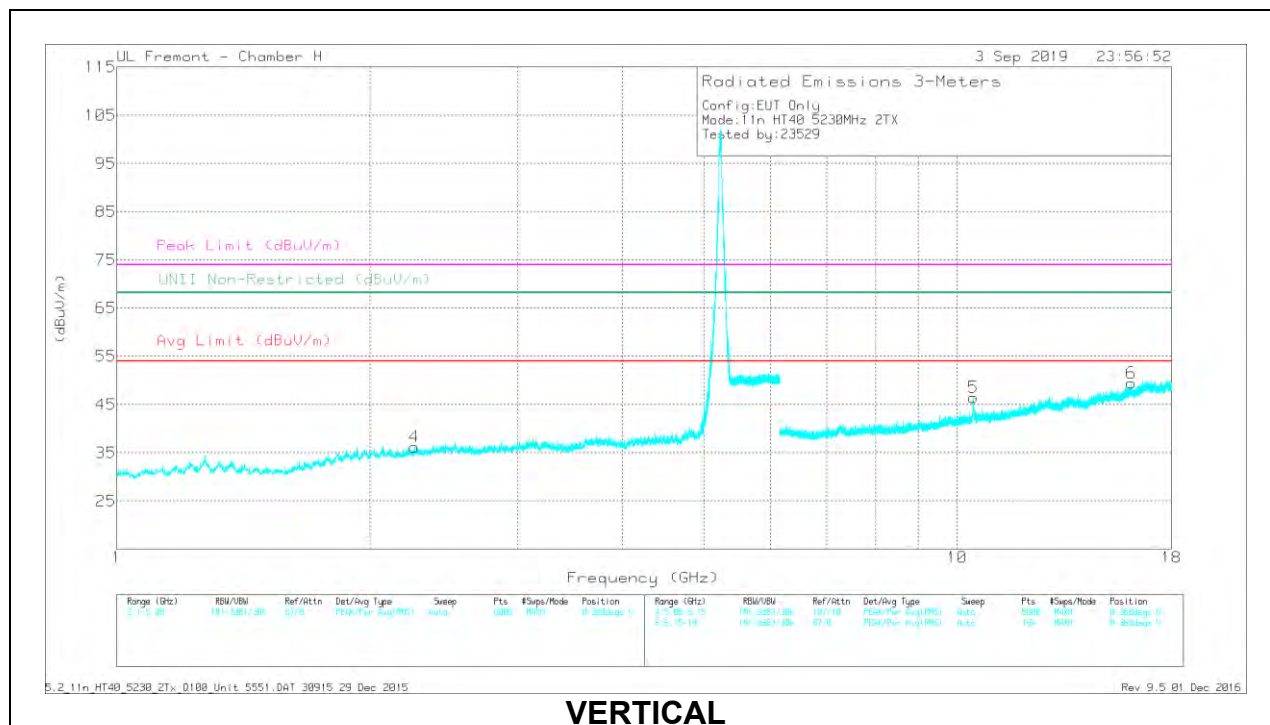
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 2.263	42.89	PK-U	31.9	-31.9	0	42.89	-	-	74	-31.11	-	-	158	321	V
	* 2.265	31.13	ADR	31.9	-32	0.09	31.12	54	-22.88	-	-	-	-	158	321	V
3	* 15.761	36.17	PK-U	40.9	-22.6	0	54.47	-	-	74	-19.53	-	-	92	208	H
	* 15.761	24.79	ADR	40.9	-22.6	0.09	43.12	54	-10.88	-	-	-	-	92	208	H
6	* 16.134	35.38	PK-U	41.7	-22.2	0	54.88	-	-	74	-19.12	-	-	234	293	V
	* 16.134	24.02	ADR	41.7	-22.2	0.09	43.61	54	-10.39	-	-	-	-	234	293	V
1	2.472	43.63	PK-U	32.5	-31.8	0	44.33	-	-	-	-	68.2	-23.87	90	130	H
5	10.459	39.85	PK-U	37.4	-23.8	0	53.45	-	-	-	-	68.2	-14.75	34	125	V
2	10.462	42.77	PK-U	37.4	-23.9	0	56.27	-	-	-	-	68.2	-11.93	79	143	H

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

PK-U - U-NII: Maximum Peak

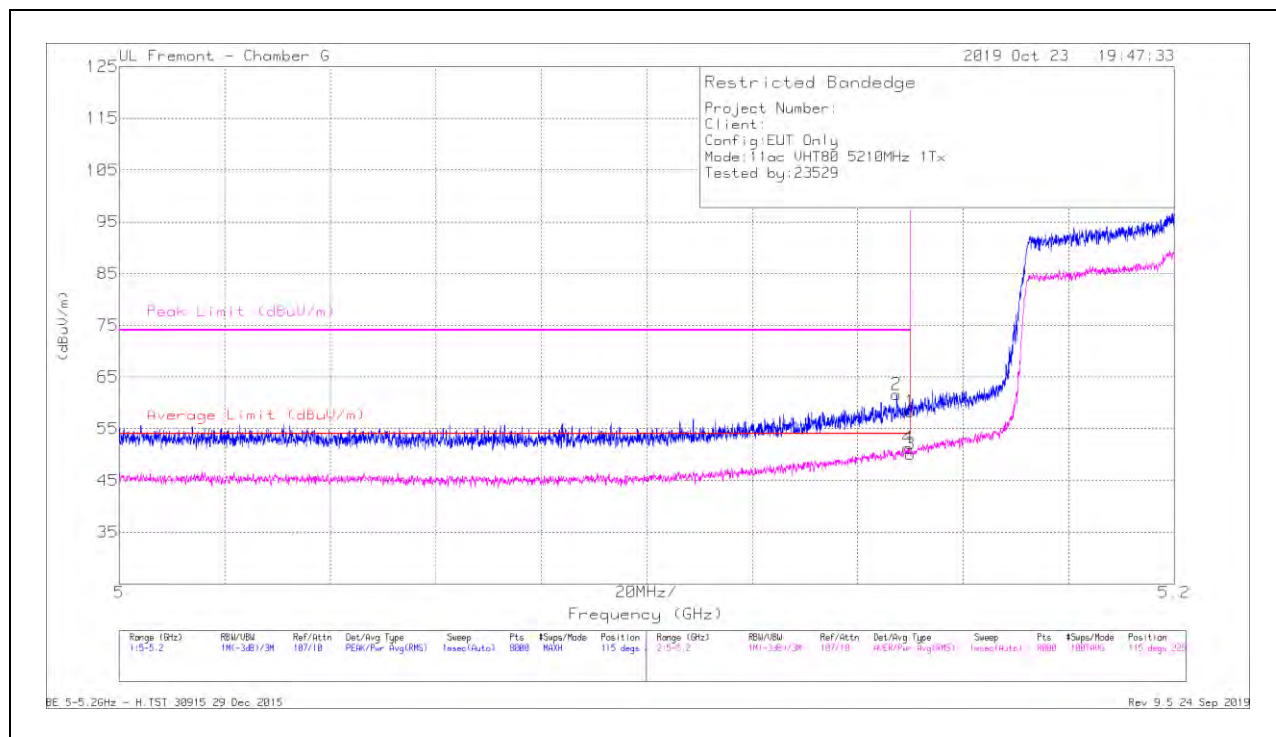
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



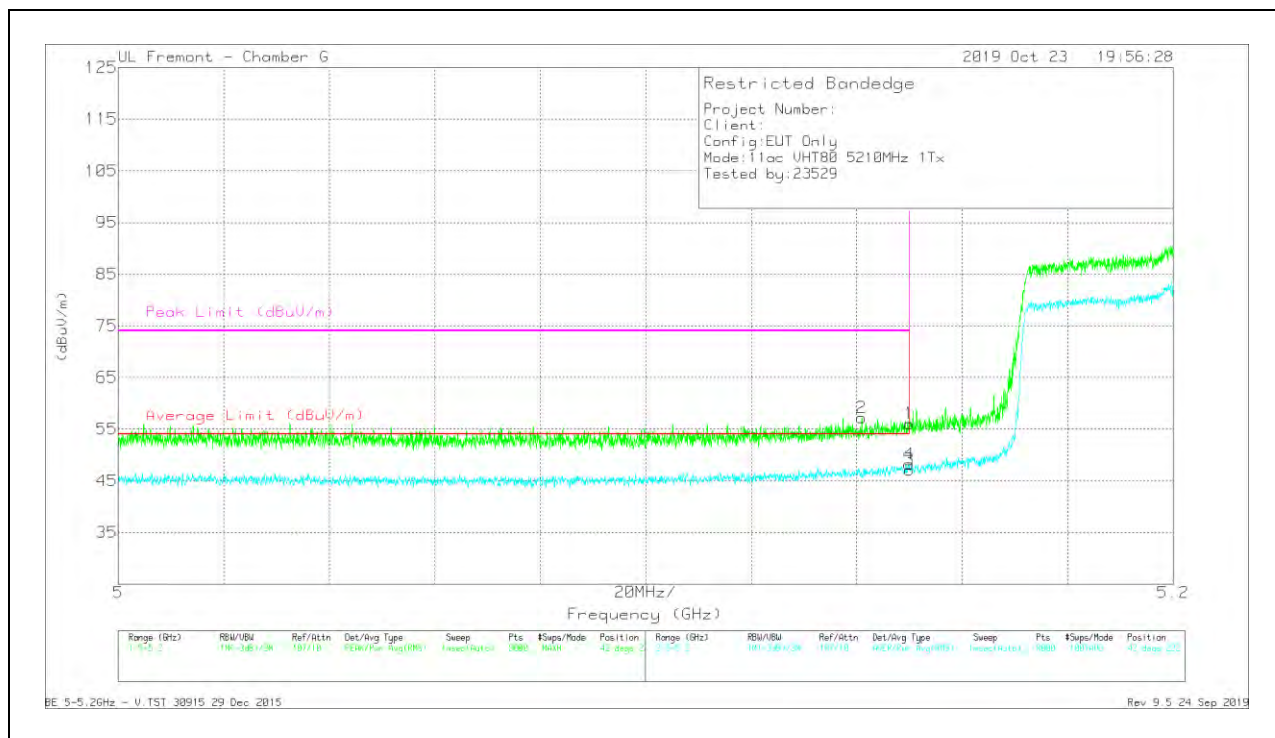
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.34	Pk	34.3	-20.3	0	58.34	-	-	74	-15.66	115	225	H
2	* 5.14737	47.63	Pk	34.3	-20.3	0	61.63	-	-	74	-12.37	115	225	H
3	* 5.14999	35.89	RMS	34.3	-20.3	.2	50.09	54	-3.91	-	-	115	225	H
4	* 5.14954	37.08	RMS	34.3	-20.3	.2	51.28	54	-2.72	-	-	115	225	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/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	* 5.14999	42.05	Pk	34.3	-20.3	0	56.05	-	-	74	-17.95	42	222	V
2	* 5.14094	43.1	Pk	34.4	-20.3	0	57.2	-	-	74	-16.8	42	222	V
3	* 5.14999	32.95	RMS	34.3	-20.3	.2	47.15	54	-6.85	-	-	42	222	V
4	* 5.14989	34	RMS	34.3	-20.3	.2	48.2	54	-5.8	-	-	42	222	V

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

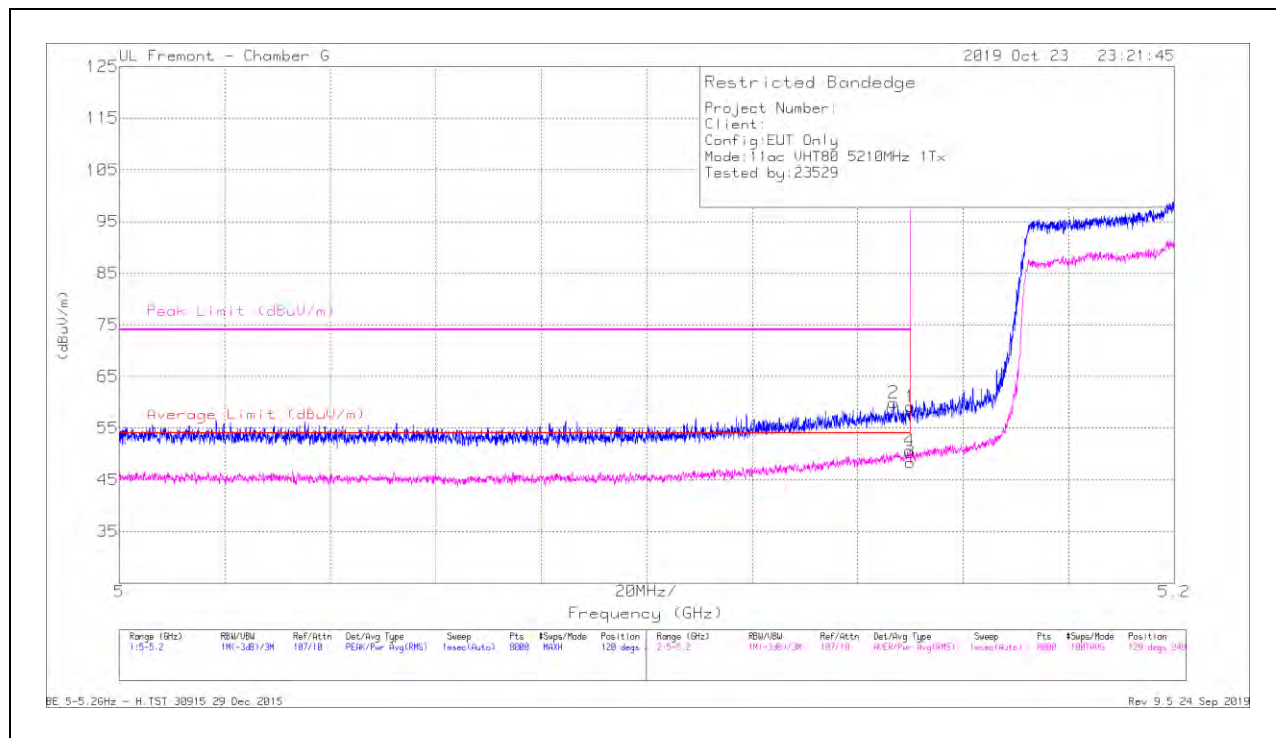
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE

BANEDGE (MID CHANNEL)

HORIZONTAL RESULT



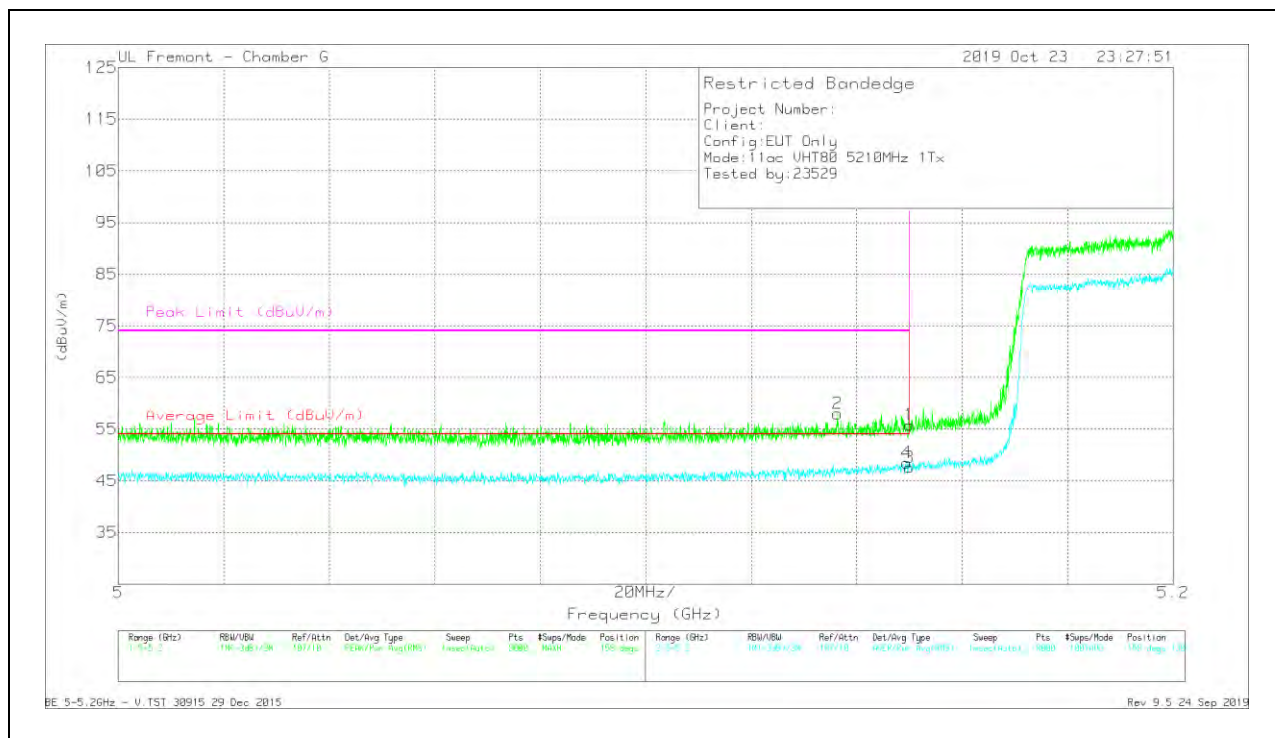
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	45.16	Pk	34.3	-20.3	0	59.16	-	-	74	-14.84	120	213	H
2	* 5.14679	45.92	Pk	34.3	-20.3	0	59.92	-	-	74	-14.08	120	213	H
3	* 5.14999	34.16	RMS	34.3	-20.3	2	48.36	54	-5.64	-	-	129	249	H
4	* 5.14984	36.47	RMS	34.3	-20.3	2	50.67	54	-3.33	-	-	129	249	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/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	* 5.14999	41.79	Pk	34.3	-20.3	0	55.79	-	-	74	-18.21	158	130	V
2	* 5.13637	43.92	Pk	34.4	-20.3	0	58.02	-	-	74	-15.98	158	130	V
3	* 5.14999	33.37	RMS	34.3	-20.3	.2	47.57	54	-6.43	-	-	158	130	V
4	* 5.14952	34.27	RMS	34.3	-20.3	.2	48.47	54	-5.53	-	-	158	130	V

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

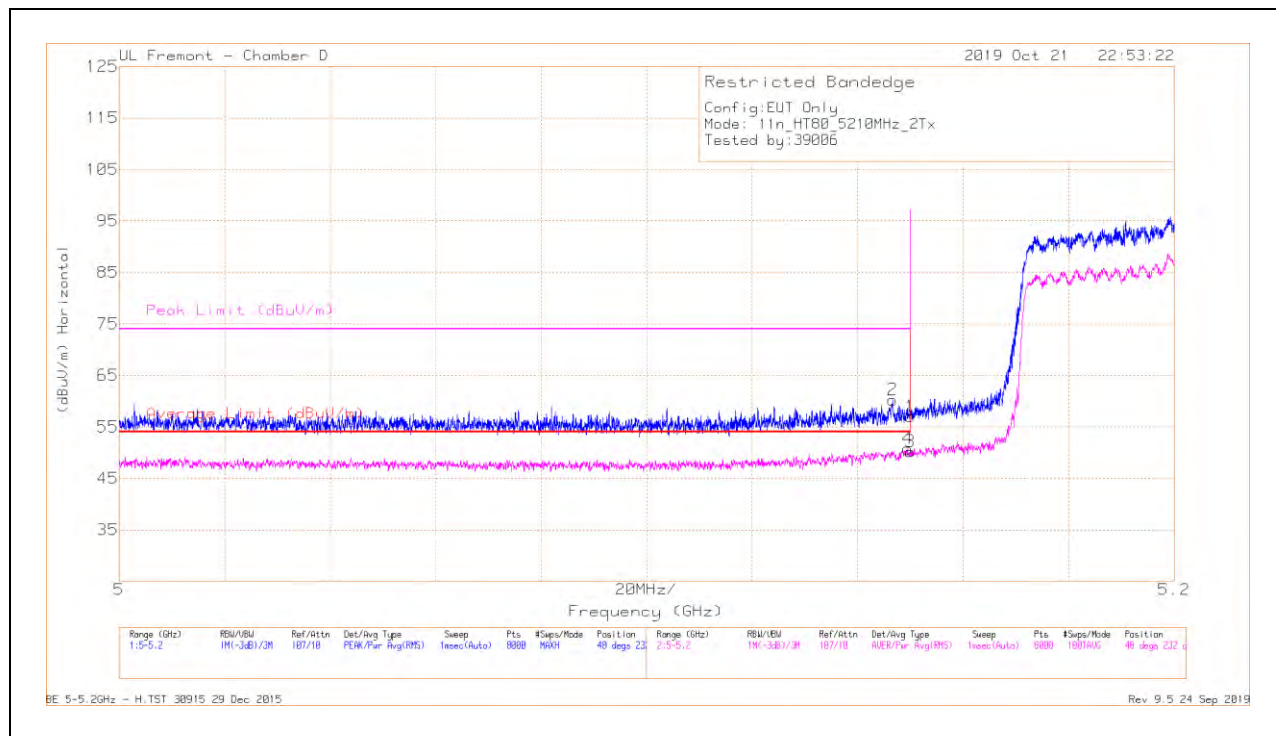
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 CDD MODE

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 5.14999	41.14	Pk	34.1	-18.2	0	57.04	-	-	74	-16.96	48	232	H
2	* 5.14662	44.36	Pk	34.1	-18.2	0	60.26	-	-	74	-13.74	48	232	H
3	* 5.14999	34.13	RMS	34.1	-18.2	.2	50.23	54	-3.77	-	-	48	232	H
4	* 5.14947	34.68	RMS	34.1	-18.2	.2	50.78	54	-3.22	-	-	48	232	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 T712 (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	* 5.14999	39.17	Pk	34.1	-18.2	0	55.07	-	-	74	-18.93	157	186	V
2	* 5.13967	43.51	Pk	34.1	-18.2	0	59.41	-	-	74	-14.59	157	186	V
3	* 5.14999	31.45	RMS	34.1	-18.2	.2	47.55	54	-6.45	-	-	157	186	V
4	* 5.0347	33.16	RMS	34	-18.2	.2	49.16	54	-4.84	-	-	157	186	V

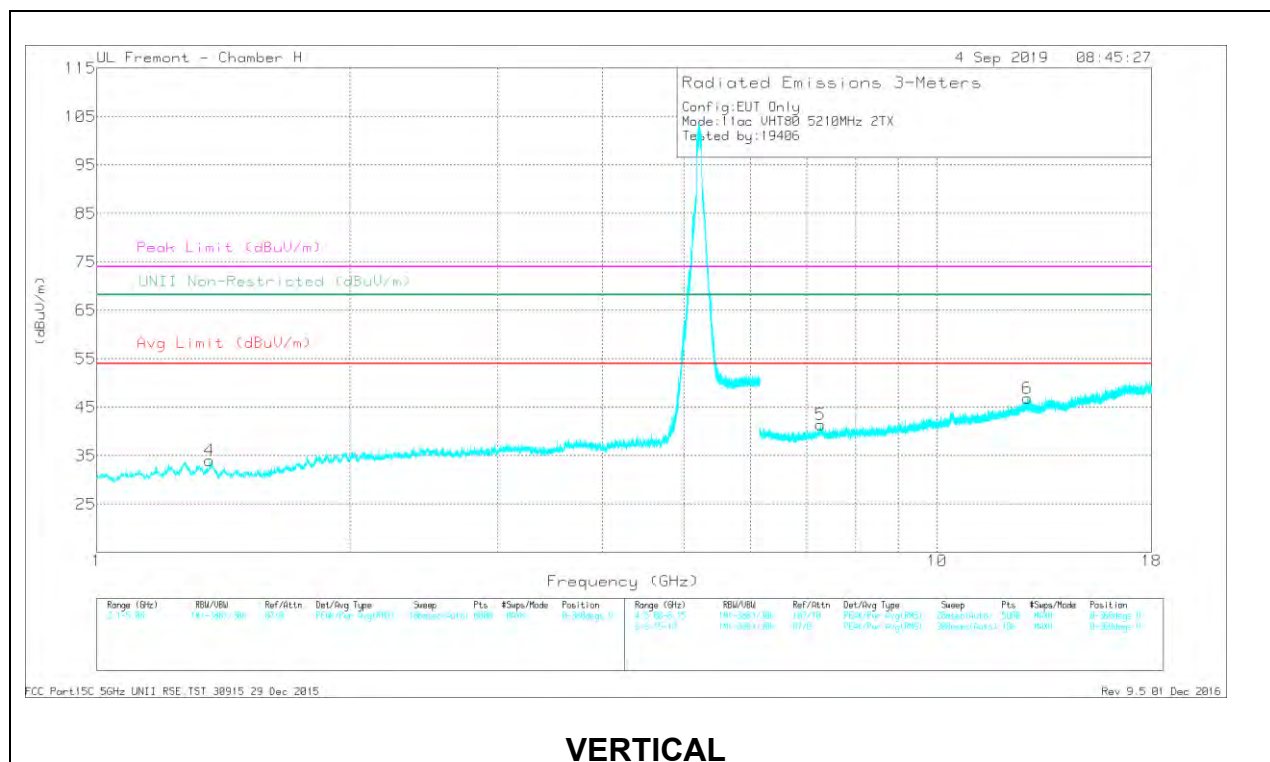
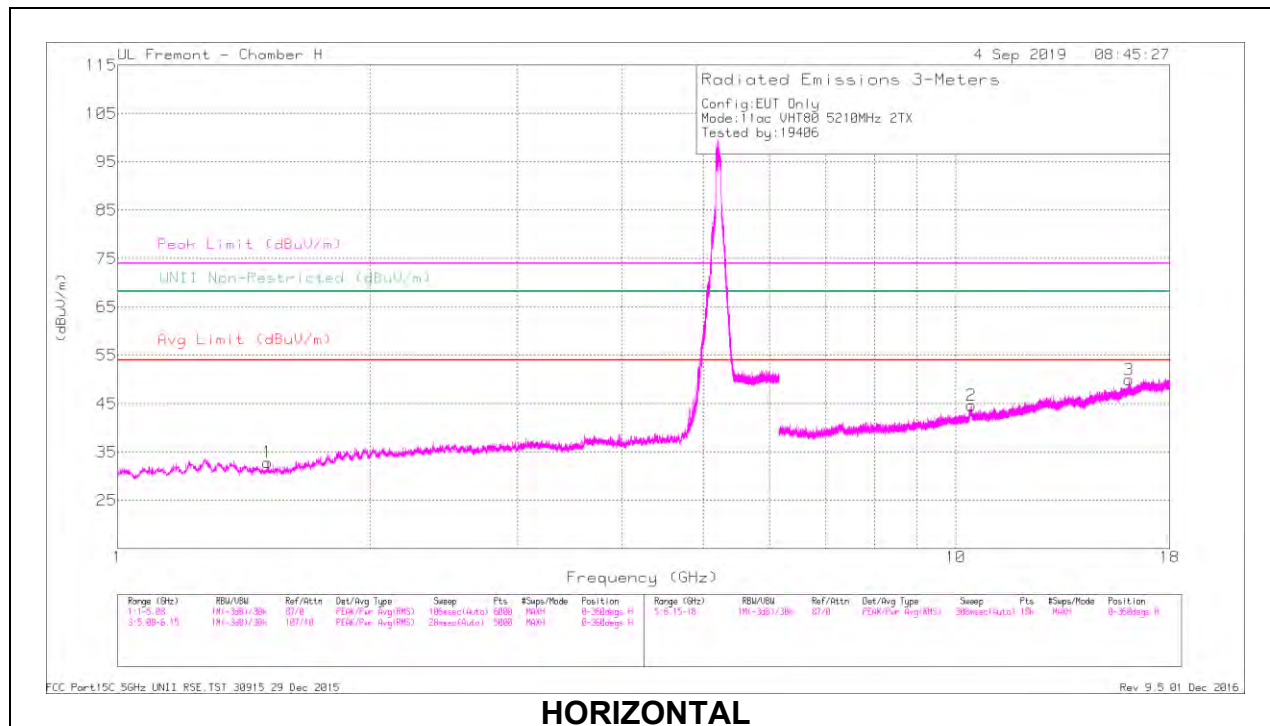
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (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	* 1.512	44.52	PK-U	27.8	-32.8	0	39.52	-	-	74	-34.48	-	-	237	320	H
	* 1.51	32.37	ADR	27.8	-32.8	0.2	27.57	54	-26.43	-	-	-	-	237	320	H
4	* 1.364	44.58	PK-U	29.1	-33	0	40.68	-	-	74	-33.32	-	-	215	100	V
	* 1.363	32.32	ADR	29.1	-32.9	0.2	28.72	54	-25.28	-	-	-	-	215	100	V
3	* 16.091	35.87	PK-U	41.6	-22.2	0	55.27	-	-	74	-18.73	-	-	58	393	H
	* 16.088	24.44	ADR	41.6	-22.2	0.2	44.04	54	-9.96	-	-	-	-	58	393	H
5	* 7.271	38	PK-U	36	-26.2	0	47.8	-	-	74	-26.2	-	-	157	363	V
	* 7.271	26.75	ADR	36	-26.2	0.2	36.75	54	-17.25	-	-	-	-	157	363	V
2	10.441	37.62	PK-U	37.4	-23.7	0	51.32	-	-	-	-	68.2	-16.88	79	143	H
6	12.81	36.81	PK-U	39.8	-23.2	0	53.41	-	-	-	-	68.2	-14.79	343	201	V

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

PK-U - U-NII: Maximum Peak

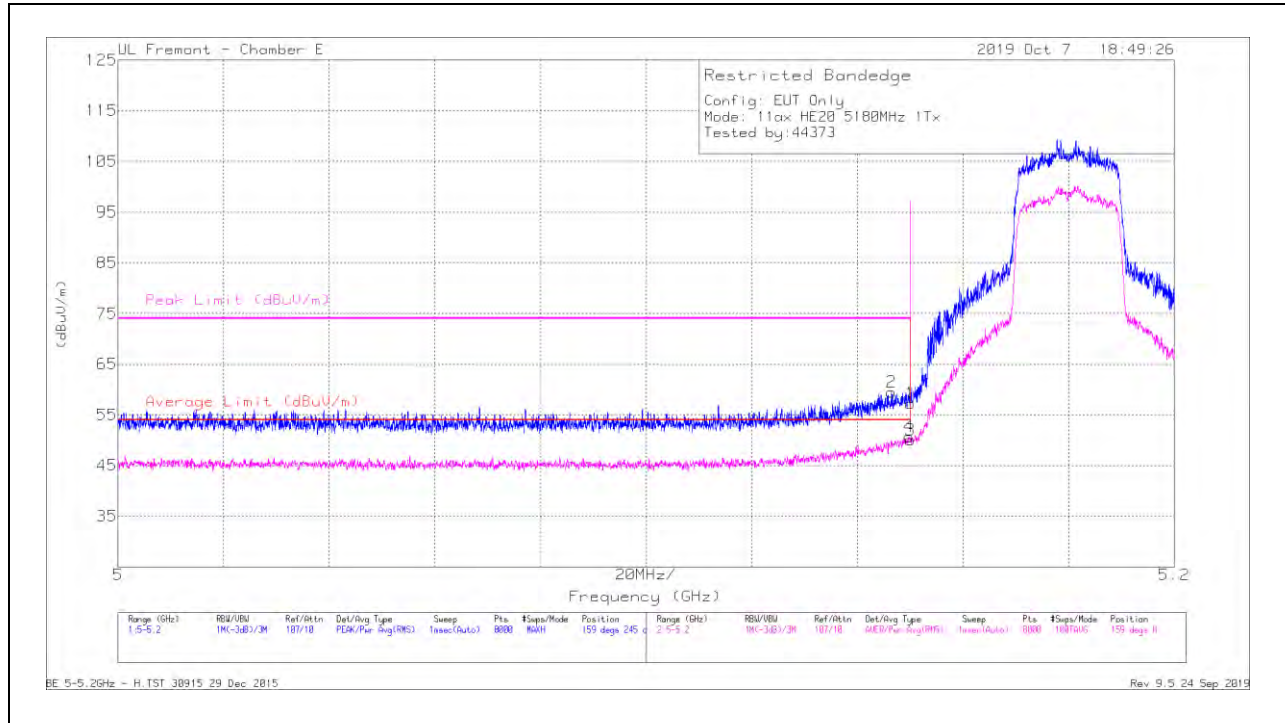
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



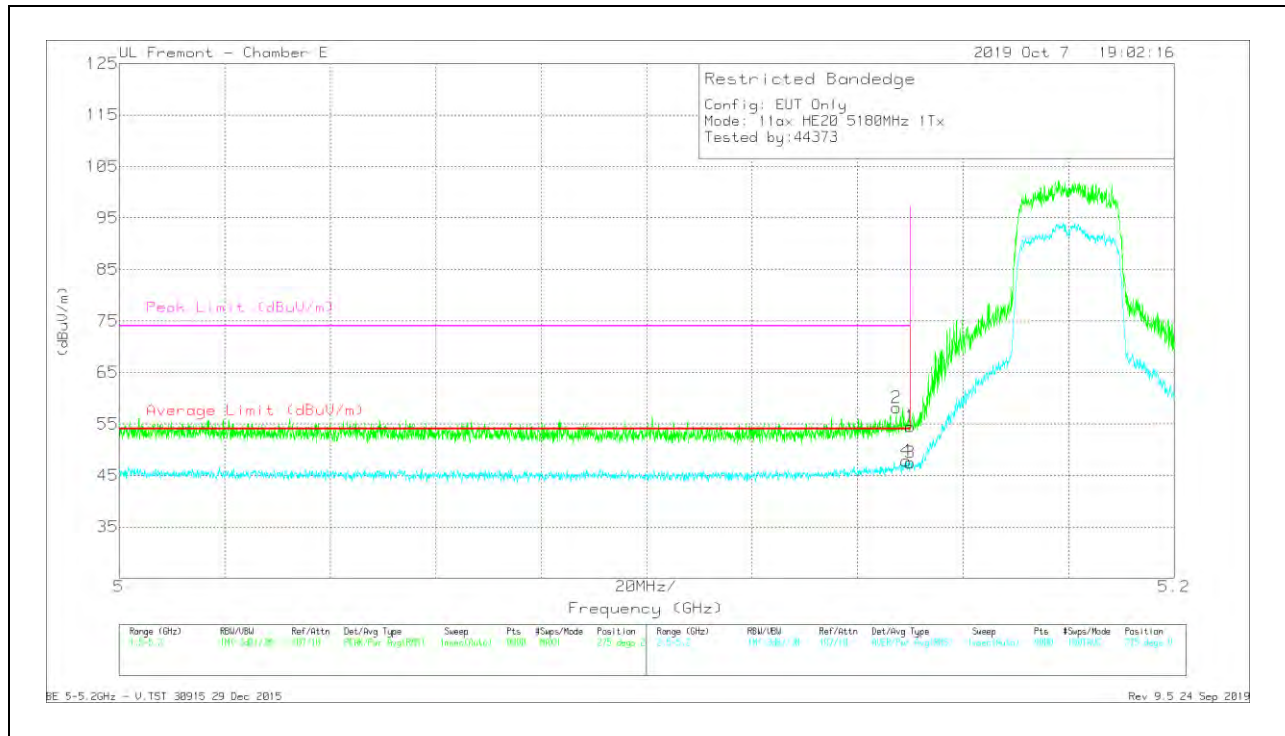
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.87	Pk	34.3	-21.9	57.27	-	-	74	-16.73	159	245	H
2	* 5.14642	47.12	Pk	34.3	-21.9	59.52	-	-	74	-14.48	159	245	H
3	* 5.14999	37.66	RMS	34.3	-21.9	50.06	54	-3.94	-	-	159	245	H
4	* 5.14972	38.21	RMS	34.3	-21.9	50.61	54	-3.39	-	-	159	245	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/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	* 5.14999	42.12	Pk	34.3	-21.9	54.52	-	-	74	-19.48	275	244	V
2	* 5.14734	45.76	Pk	34.3	-21.9	58.16	-	-	74	-15.84	275	244	V
3	* 5.14999	35.08	RMS	34.3	-21.9	47.48	54	-6.52	-	-	275	244	V
4	* 5.14919	35.43	RMS	34.3	-21.9	47.83	54	-6.17	-	-	275	244	V

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

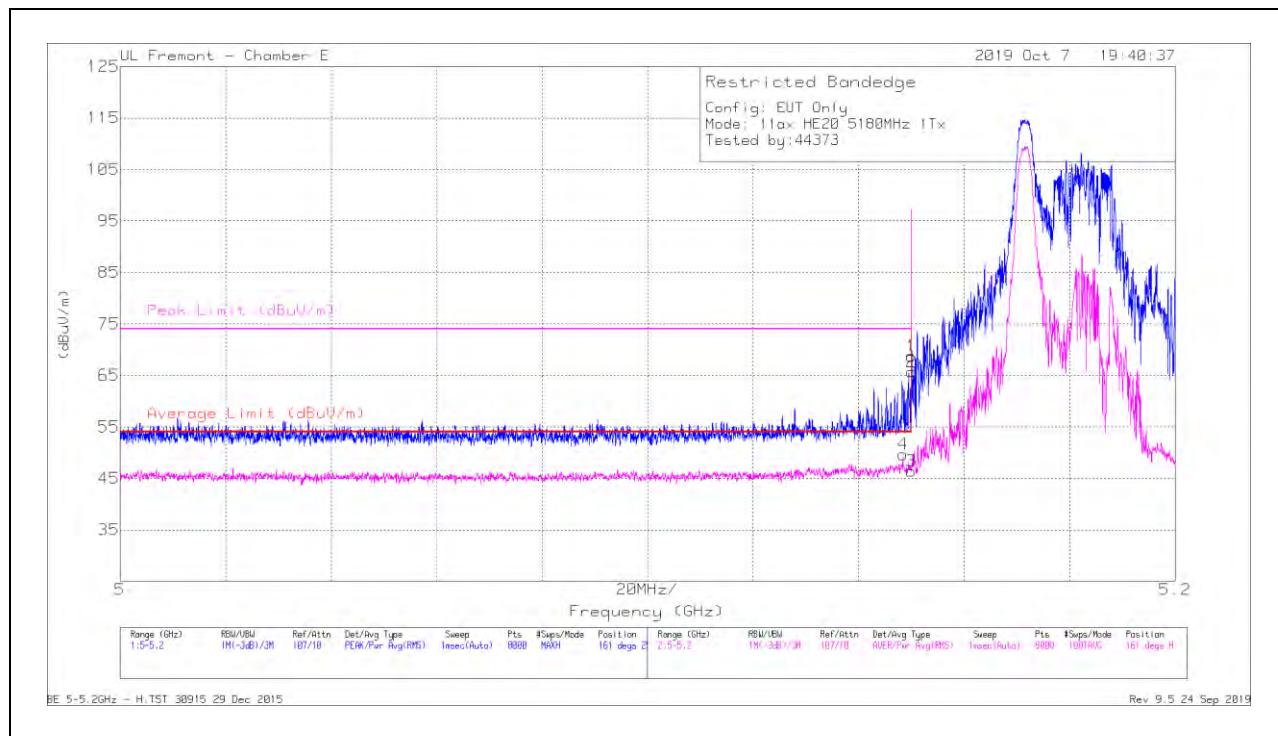
Pk - Peak detector

RMS - RMS detection

1TX UAT2 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



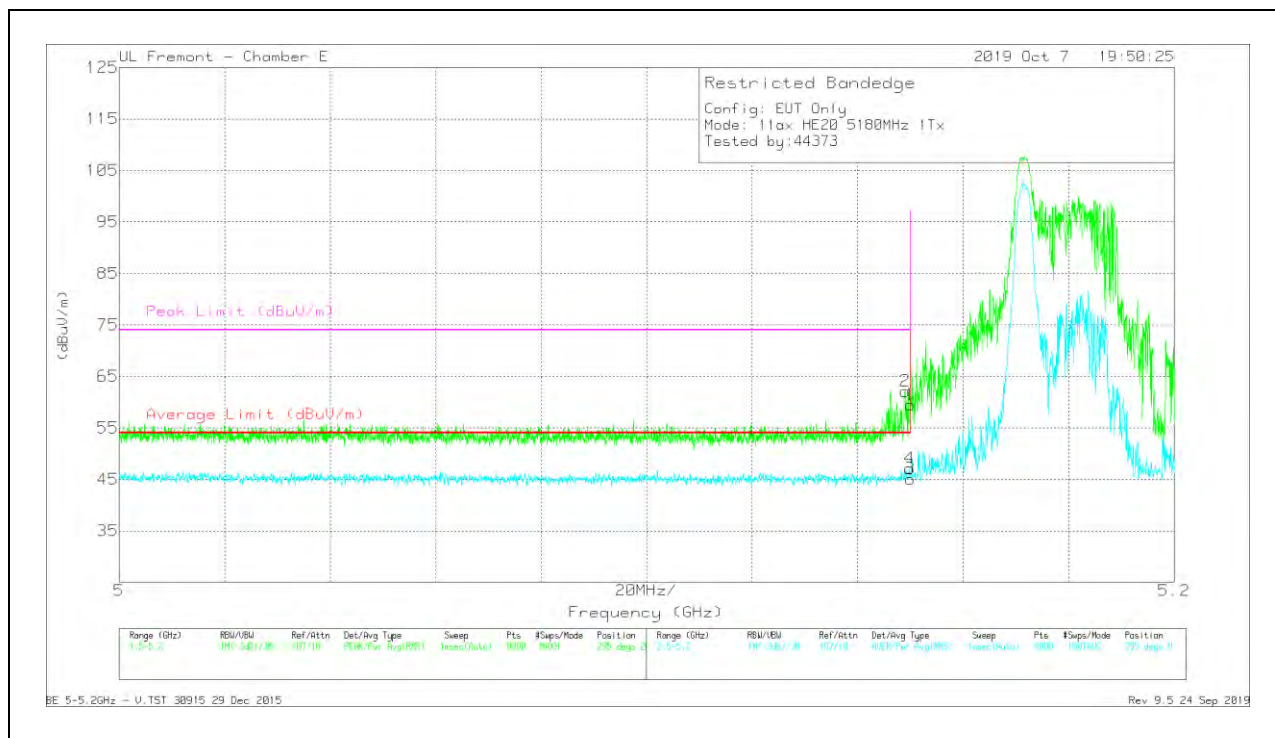
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	56.38	Pk	34.3	-21.9	68.78	-	-	74	-5.22	161	250	H
2	* 5.14997	53.3	Pk	34.3	-21.9	65.7	-	-	74	-8.3	161	250	H
3	* 5.14999	34.02	RMS	34.3	-21.9	46.42	54	-7.58	-	-	161	250	H
4	* 5.14839	37.28	RMS	34.3	-21.9	49.68	54	-4.32	-	-	161	250	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/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	* 5.14999	47.1	Pk	34.3	-21.9	59.5	-	-	74	-14.5	295	266	V
2	* 5.14897	49.74	Pk	34.3	-21.9	62.14	-	-	74	-11.86	295	266	V
3	* 5.14999	32.73	RMS	34.3	-21.9	45.13	54	-8.87	-	-	295	266	V
4	* 5.14982	34.7	RMS	34.3	-21.9	47.1	54	-6.9	-	-	295	266	V

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

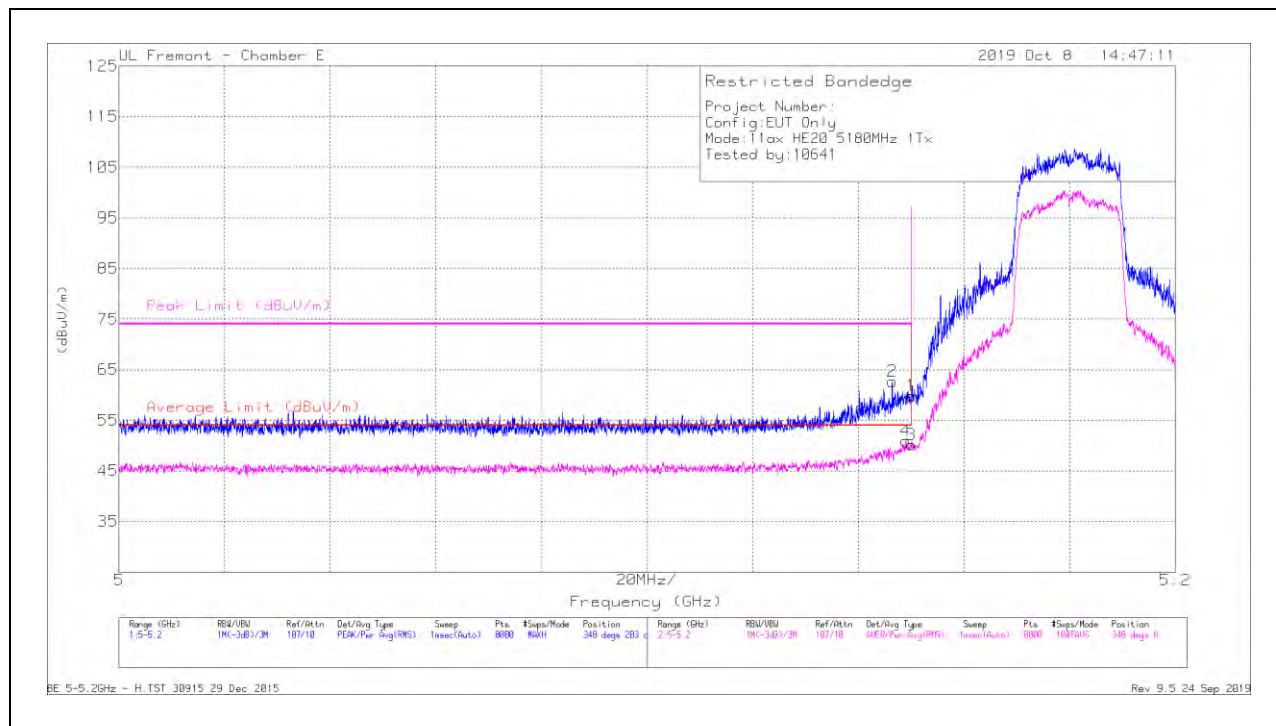
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



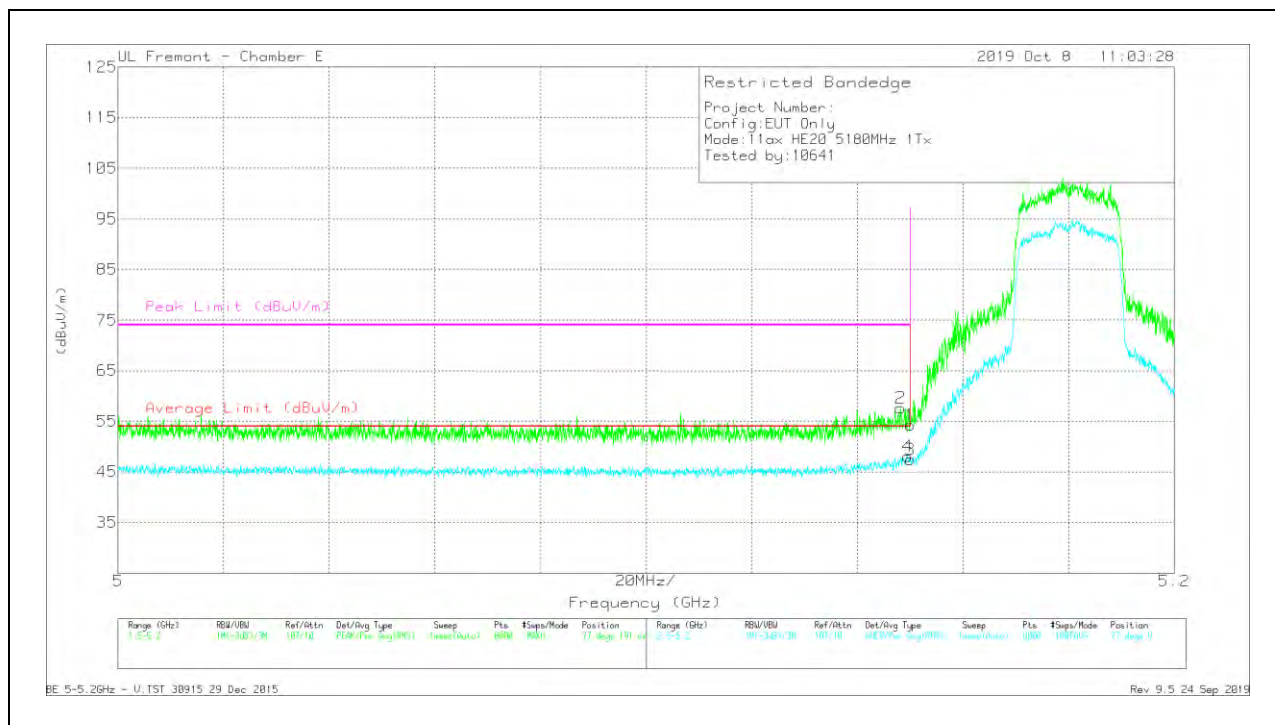
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	47.47	Pk	34.3	-21.9	59.87	-	-	74	-14.13	348	203	H
2	* 5.14639	50.25	Pk	34.3	-21.9	62.65	-	-	74	-11.35	348	203	H
3	* 5.14999	37.75	RMS	34.3	-21.9	50.15	54	-3.85	-	-	348	203	H
4	* 5.14899	38.56	RMS	34.3	-21.9	50.96	54	-3.04	-	-	348	203	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/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	* 5.14999	41.86	Pk	34.3	-21.9	54.26	-	-	74	-19.74	77	191	V
2	* 5.14817	45.23	Pk	34.3	-21.9	57.63	-	-	74	-16.37	77	191	V
3	* 5.14999	34.99	RMS	34.3	-21.9	47.39	54	-6.61	-	-	77	191	V
4	* 5.14954	35.71	RMS	34.3	-21.9	48.11	54	-5.89	-	-	77	191	V

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

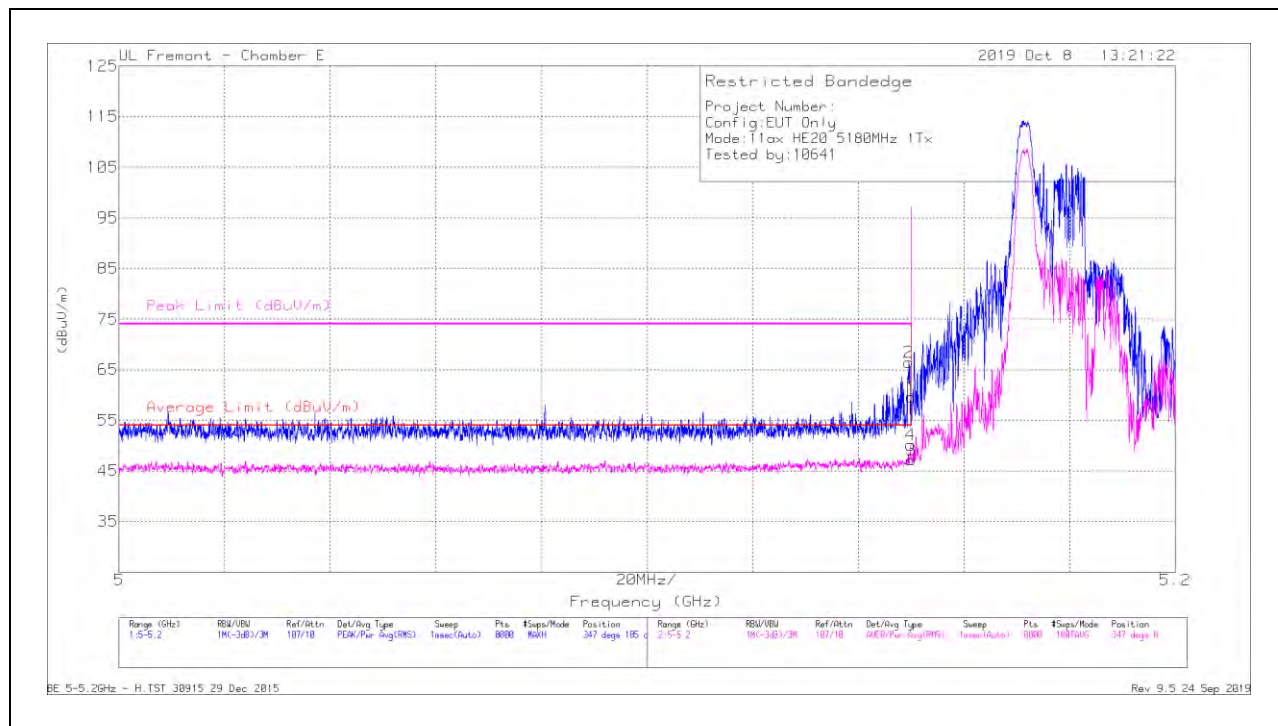
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



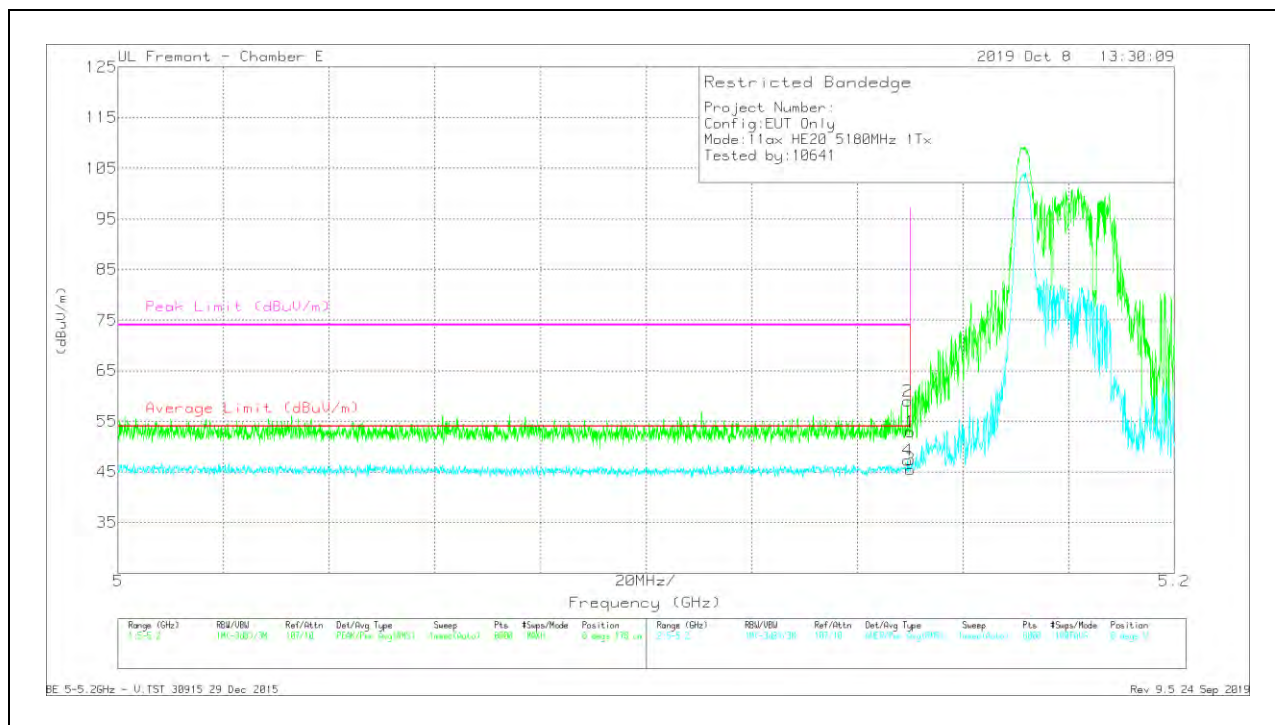
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	47.25	Pk	34.3	-21.9	59.65	-	-	74	-14.35	347	185	H
2	* 5.14952	54.04	Pk	34.3	-21.9	66.44	-	-	74	-7.56	347	185	H
3	* 5.14999	34.76	RMS	34.3	-21.9	47.16	54	-6.84	-	-	347	185	H
4	* 5.14987	37.71	RMS	34.3	-21.9	50.11	54	-3.89	-	-	347	185	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/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	* 5.14999	40.46	Pk	34.3	-21.9	52.86	-	-	74	-21.14	0	178	V
2	* 5.14952	46.54	Pk	34.3	-21.9	58.94	-	-	74	-15.06	0	178	V
3	* 5.14999	33.11	RMS	34.3	-21.9	45.51	54	-8.49	-	-	0	178	V
4	* 5.14949	34.89	RMS	34.3	-21.9	47.29	54	-6.71	-	-	0	178	V

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

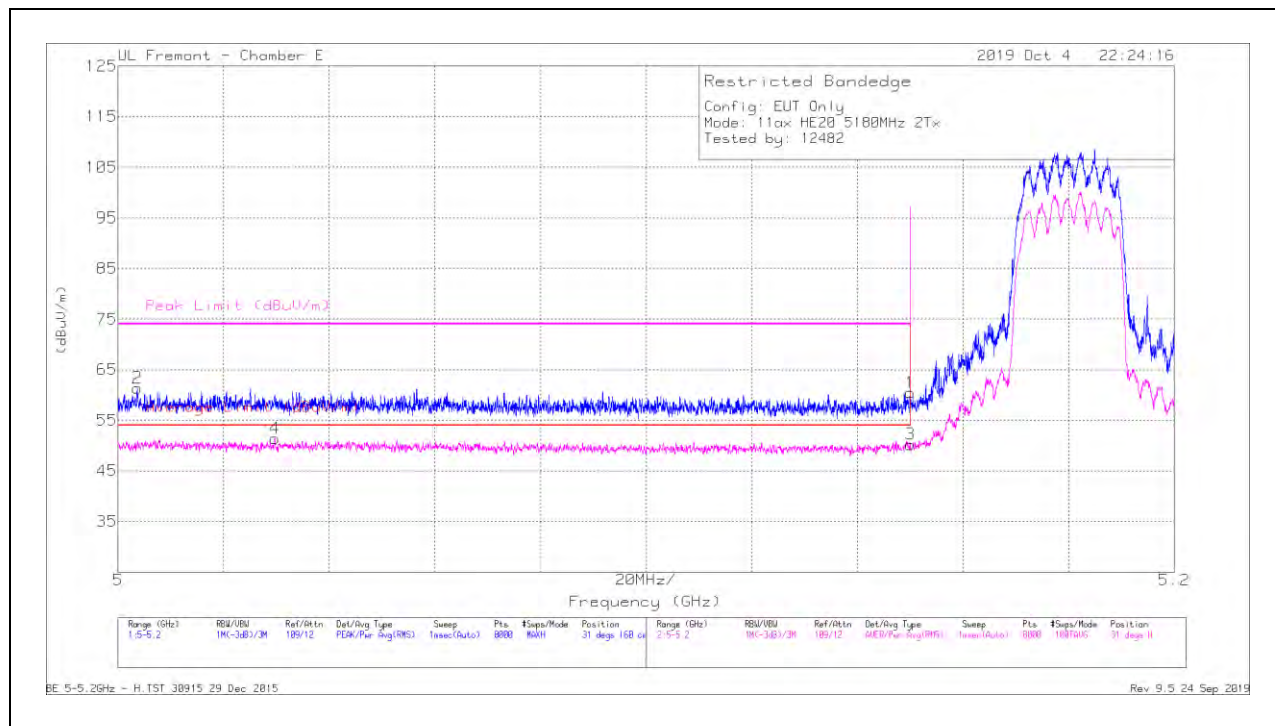
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 OFDMA MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



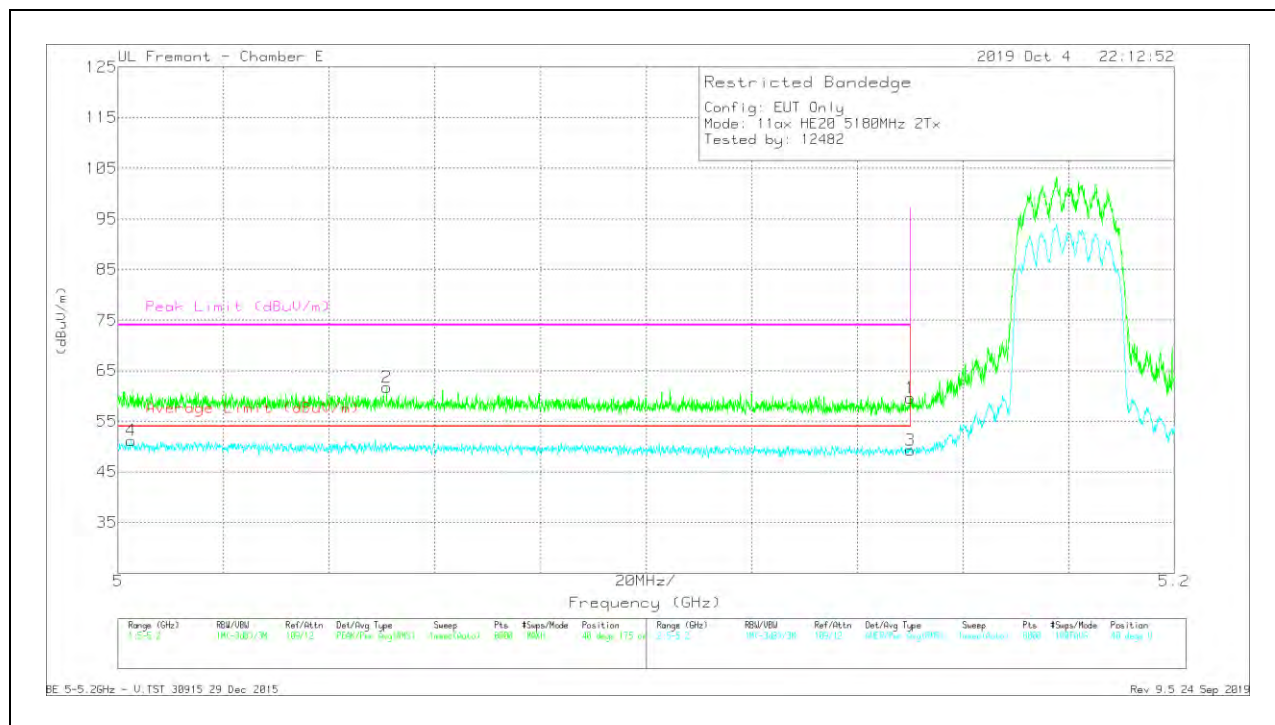
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	42.71	Pk	34.3	-16.5	60.51	-	-	74	-13.49	31	160	H
2	* 5.00365	43.2	Pk	34.1	-15.9	61.4	-	-	74	-12.6	31	160	H
3	* 5.14999	32.43	RMS	34.3	-16.5	50.23	54	-3.77	-	-	31	160	H
4	* 5.02968	33.29	RMS	34.1	-16	51.39	54	-2.61	-	-	31	160	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/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	* 5.14999	41.79	Pk	34.3	-16.5	59.59	-	-	74	-14.41	40	175	V
2	* 5.05088	43.75	Pk	34.1	-16.1	61.75	-	-	74	-12.25	40	175	V
3	* 5.14999	31.49	RMS	34.3	-16.5	49.29	54	-4.71	-	-	40	175	V
4	* 5.00248	33.02	RMS	34.1	-15.9	51.22	54	-2.78	-	-	40	175	V

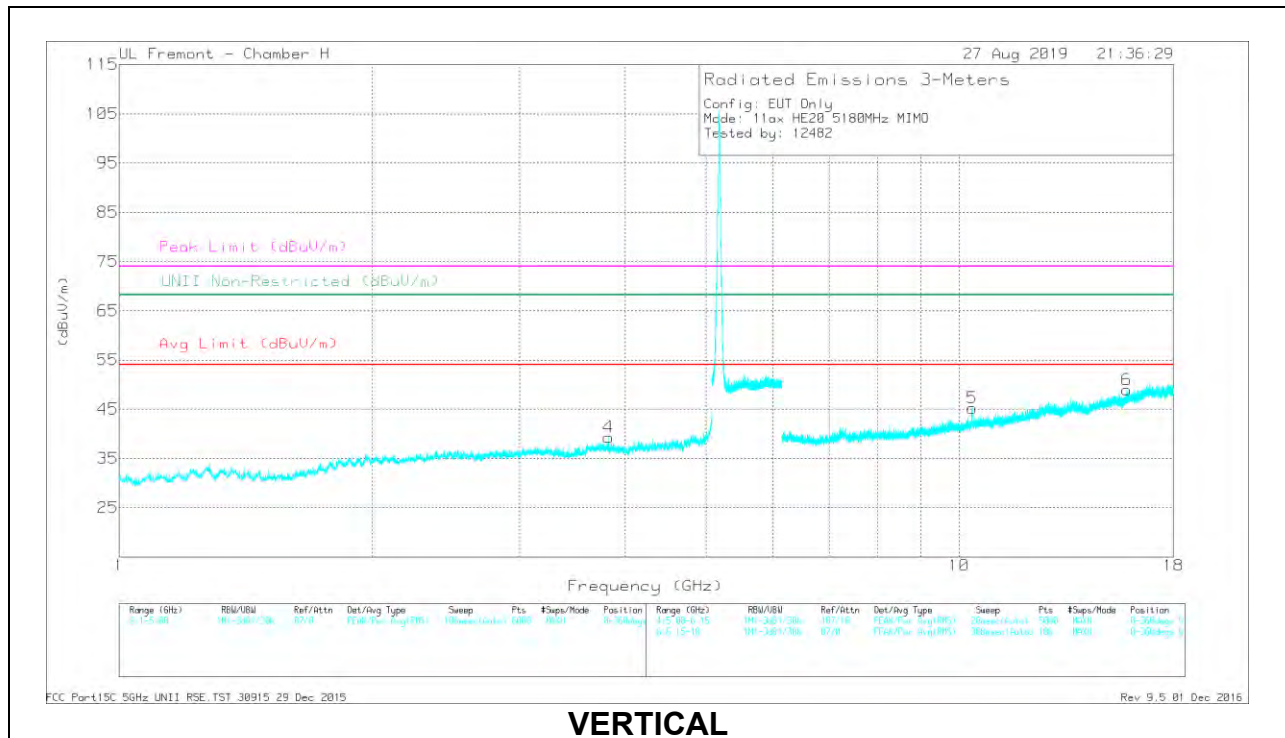
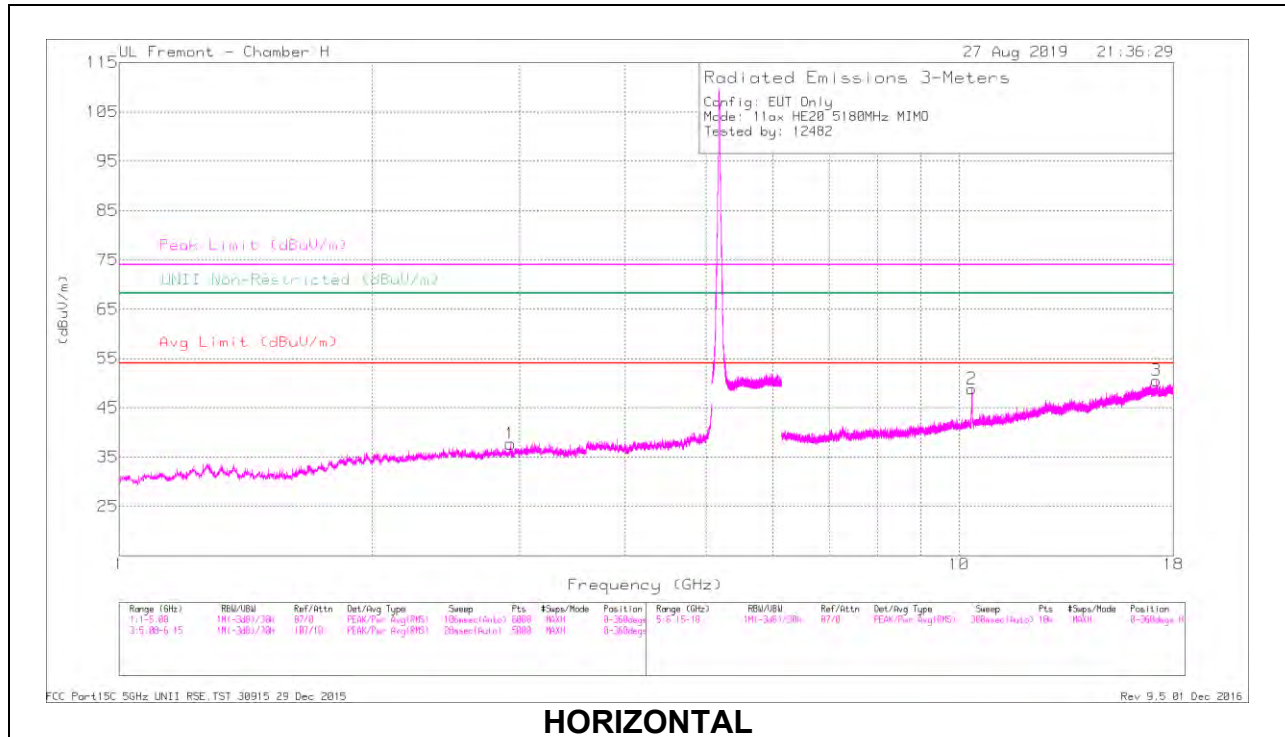
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

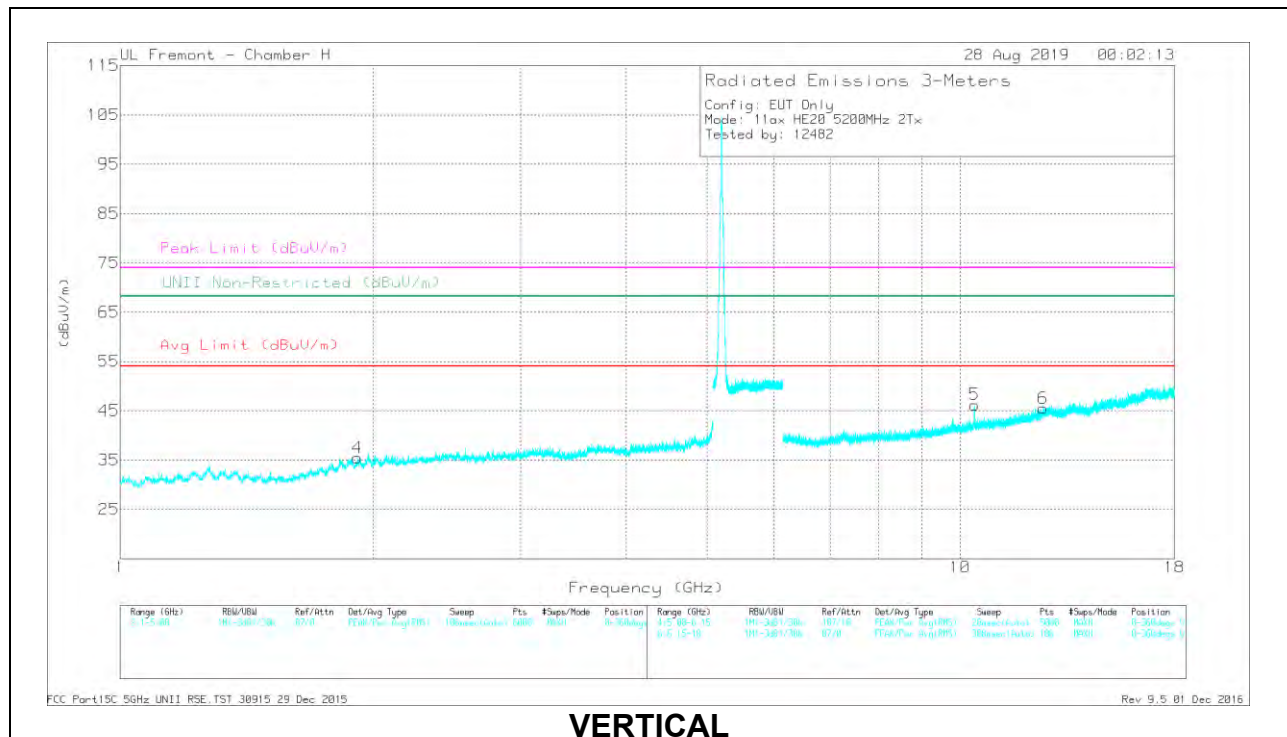
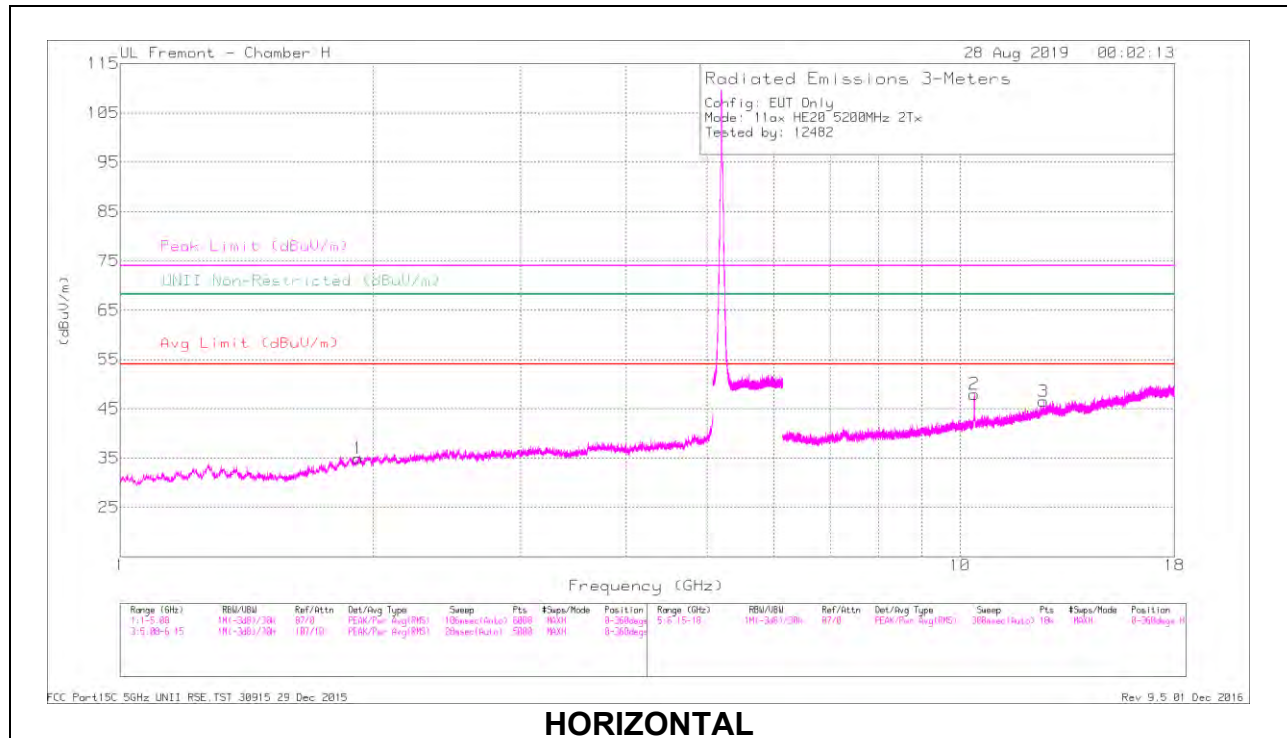
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /Fitr/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.824	42.24	PK-U	33.6	-30.7	45.14	-	-	74	-28.86	-	-	250	168	V
	* 3.825	30.52	ADR	33.6	-30.6	33.52	54	-20.48	-	-	-	-	250	168	V
6	* 15.843	35.66	PK-U	41	-21.8	54.86	-	-	74	-19.14	-	-	202	166	V
	* 15.844	24.72	ADR	41.1	-21.7	44.12	54	-9.88	-	-	-	-	202	166	V
1	2.922	43.31	PK-U	32.6	-30.8	45.11	-	-	-	-	68.2	-23.09	345	233	H
2	10.36	42.92	PK-U	37.3	-23.9	56.32	-	-	-	-	68.2	-11.88	156	234	H
5	10.37	38.52	PK-U	37.3	-24.1	51.72	-	-	-	-	68.2	-16.48	286	136	V
3	17.175	35.16	PK-U	41.7	-20.7	56.16	-	-	-	-	68.2	-12.04	74	174	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

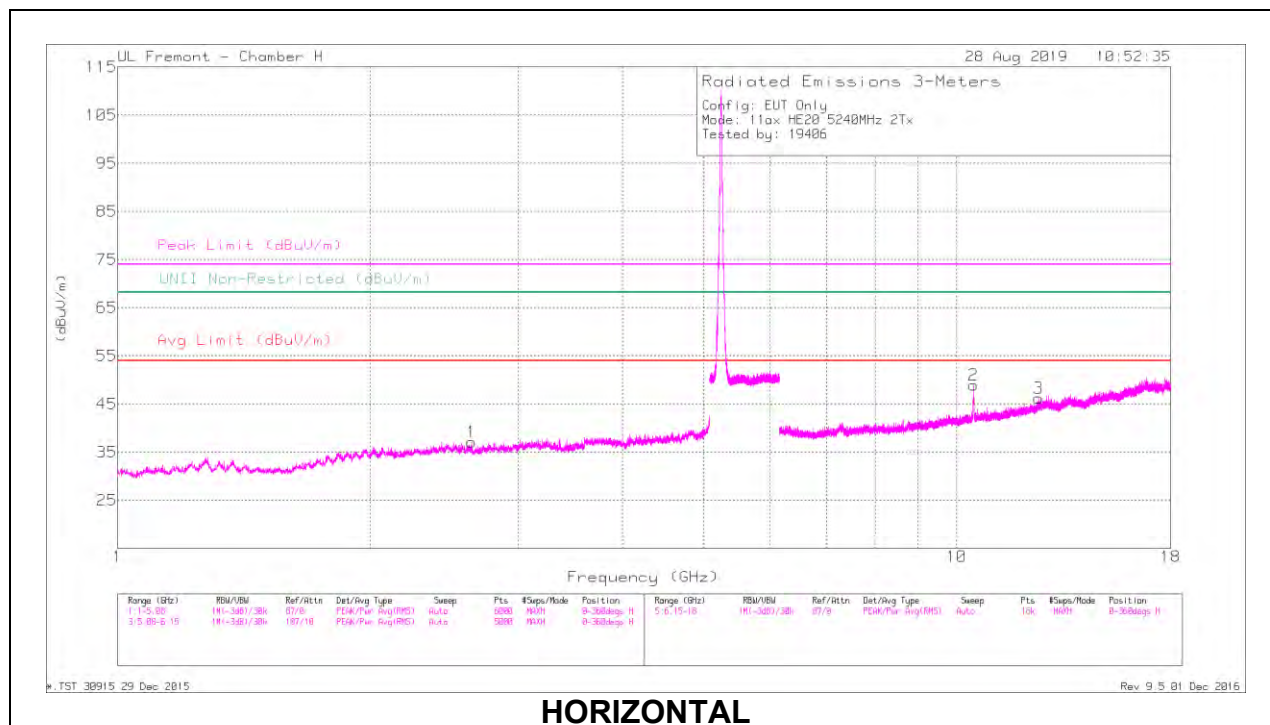
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb I/Ftr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 12.568	35.89	PK-U	39.5	-22.9	52.49	-	-	74	-21.51	-	-	320	200	H
	* 12.57	24.88	ADR	39.5	-22.9	41.48	54	-12.52	-	-	-	-	320	200	H
6	* 12.552	36.35	PK-U	39.5	-23.1	52.75	-	-	74	-21.25	-	-	75	161	V
	* 12.551	24.92	ADR	39.5	-23.1	41.32	54	-12.68	-	-	-	-	75	161	V
4	1.915	44.47	PK-U	31.1	-32.4	43.17	-	-	-	-	68.2	-25.03	81	140	V
1	1.921	43.88	PK-U	31	-32.4	42.48	-	-	-	-	68.2	-25.72	50	151	H
2	10.403	41.87	PK-U	37.3	-24.1	55.07	-	-	-	-	68.2	-13.13	352	268	H
5	10.408	38.88	PK-U	37.3	-24.2	51.98	-	-	-	-	68.2	-16.22	102	100	V

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

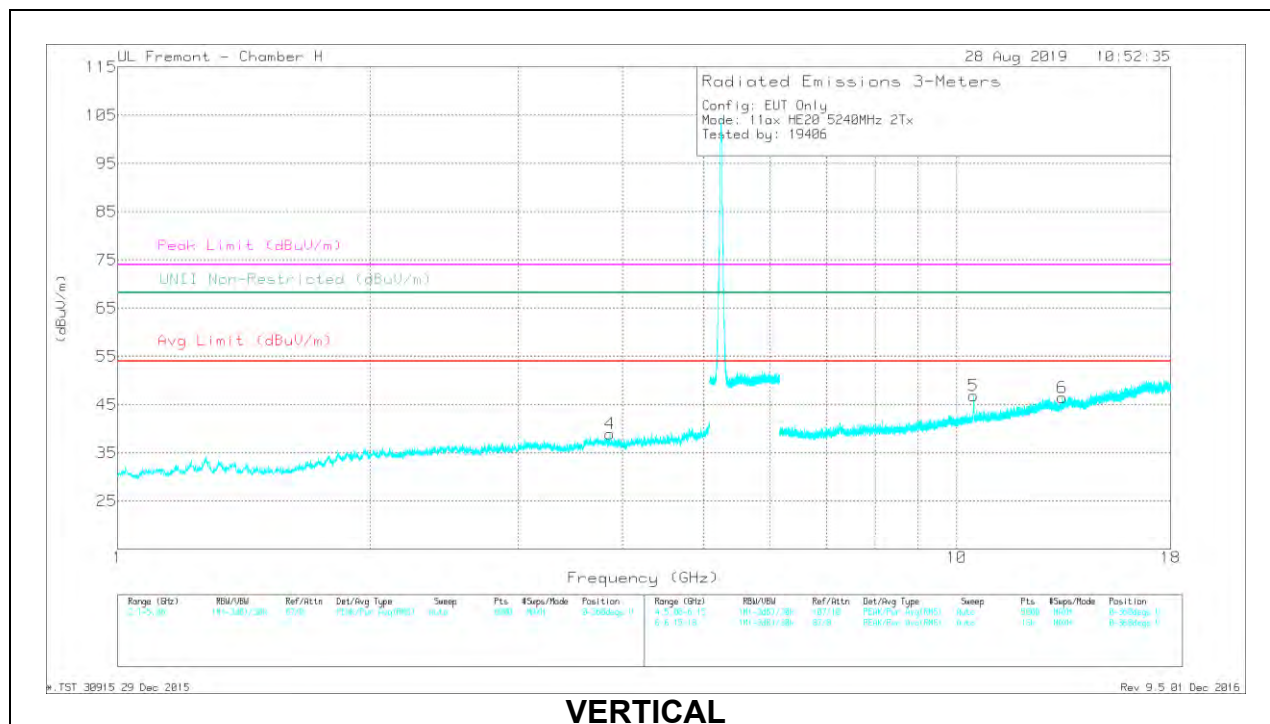
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb l/Fitr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.86	42.24	PK-U	33.5	-30.5	45.24	-	-	74	-28.76	-	-	349	188	V
	* 3.863	30.9	ADR	33.4	-30.6	33.7	54	-20.3	-	-	-	-	349	188	V
3	* 12.528	36.65	PK-U	39.4	-23.4	52.65	-	-	74	-21.35	-	-	7	161	H
	* 12.527	24.38	ADR	39.4	-23.4	40.38	54	-13.62	-	-	-	-	7	161	H
6	* 13.37	36.2	PK-U	39.8	-23.2	52.8	-	-	74	-21.2	-	-	294	311	V
	* 13.371	24.59	ADR	39.8	-23.2	41.19	54	-12.81	-	-	-	-	294	311	V
1	2.643	42.62	PK-U	32.3	-31.3	43.62	-	-	-	-	68.2	-24.58	247	167	H
5	10.478	35.81	PK-U	37.4	-23.7	49.51	-	-	-	-	68.2	-18.69	334	137	V
2	10.479	42.5	PK-U	37.4	-23.7	56.2	-	-	-	-	68.2	-12	180	127	H

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

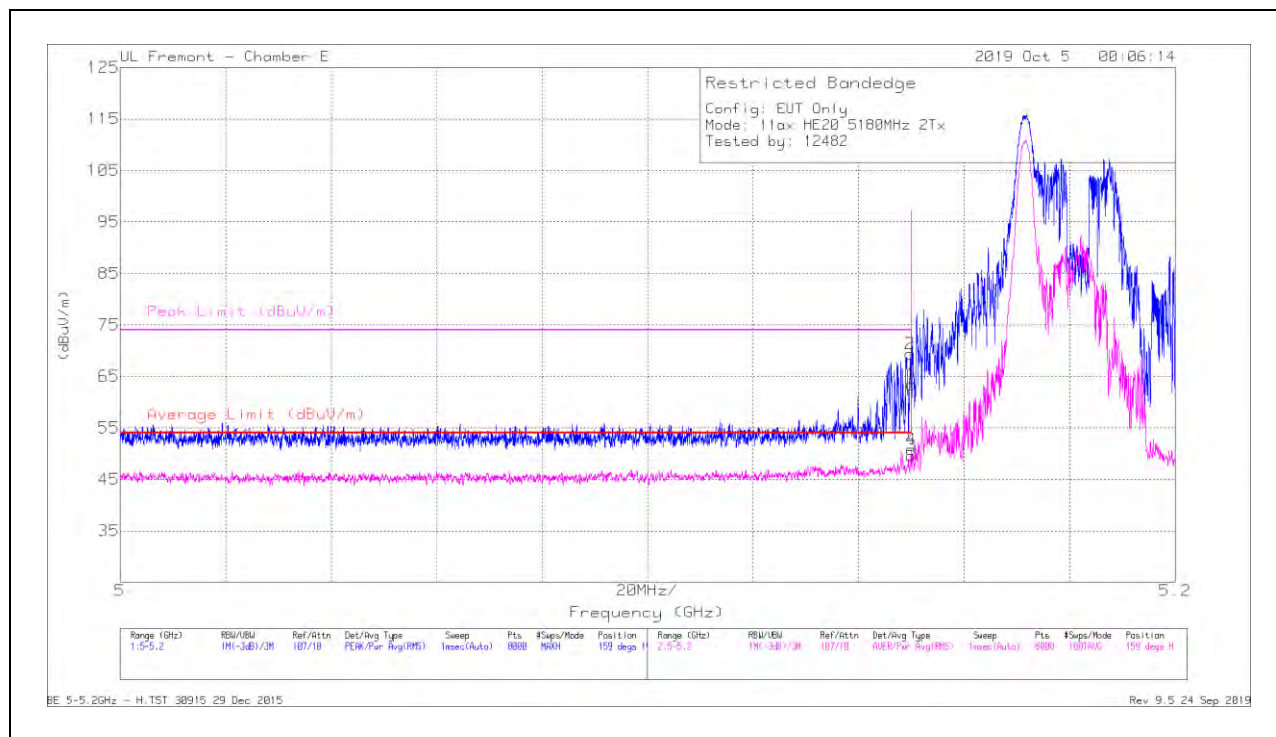
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX UAT2 + LAT3 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



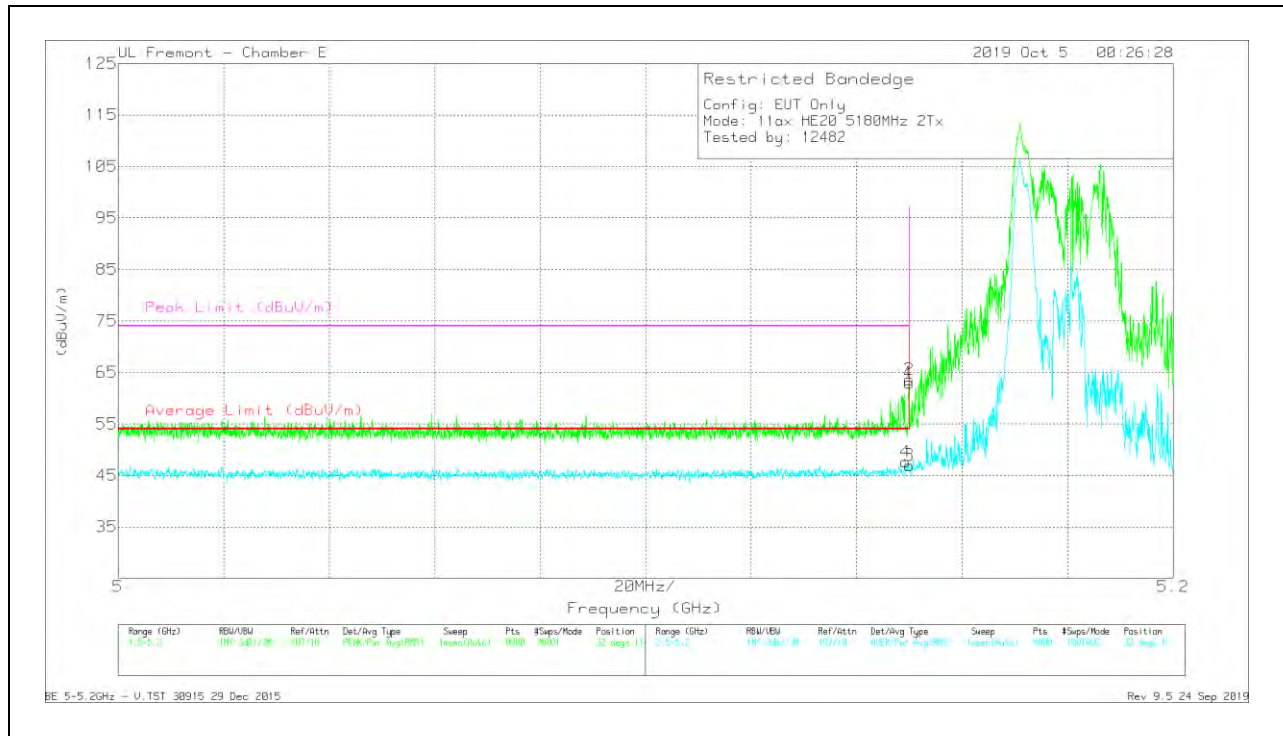
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	51.08	Pk	34.3	-21.9	63.48	-	-	74	-10.52	159	191	H
2	* 5.14972	56.95	Pk	34.3	-21.9	69.35	-	-	74	-4.65	159	191	H
3	* 5.14999	37.23	RMS	34.3	-21.9	49.63	54	-4.37	-	-	159	191	H
4	* 5.14994	38.4	RMS	34.3	-21.9	50.8	54	-3.2	-	-	159	191	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/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	* 5.14999	50.58	Pk	34.3	-21.9	62.98	-	-	74	-11.02	32	114	V
2	* 5.14997	51.2	Pk	34.3	-21.9	63.6	-	-	74	-10.4	32	114	V
3	* 5.14999	34.55	RMS	34.3	-21.9	46.95	54	-7.05	-	-	32	114	V
4	* 5.14927	35.24	RMS	34.3	-21.9	47.64	54	-6.36	-	-	32	114	V

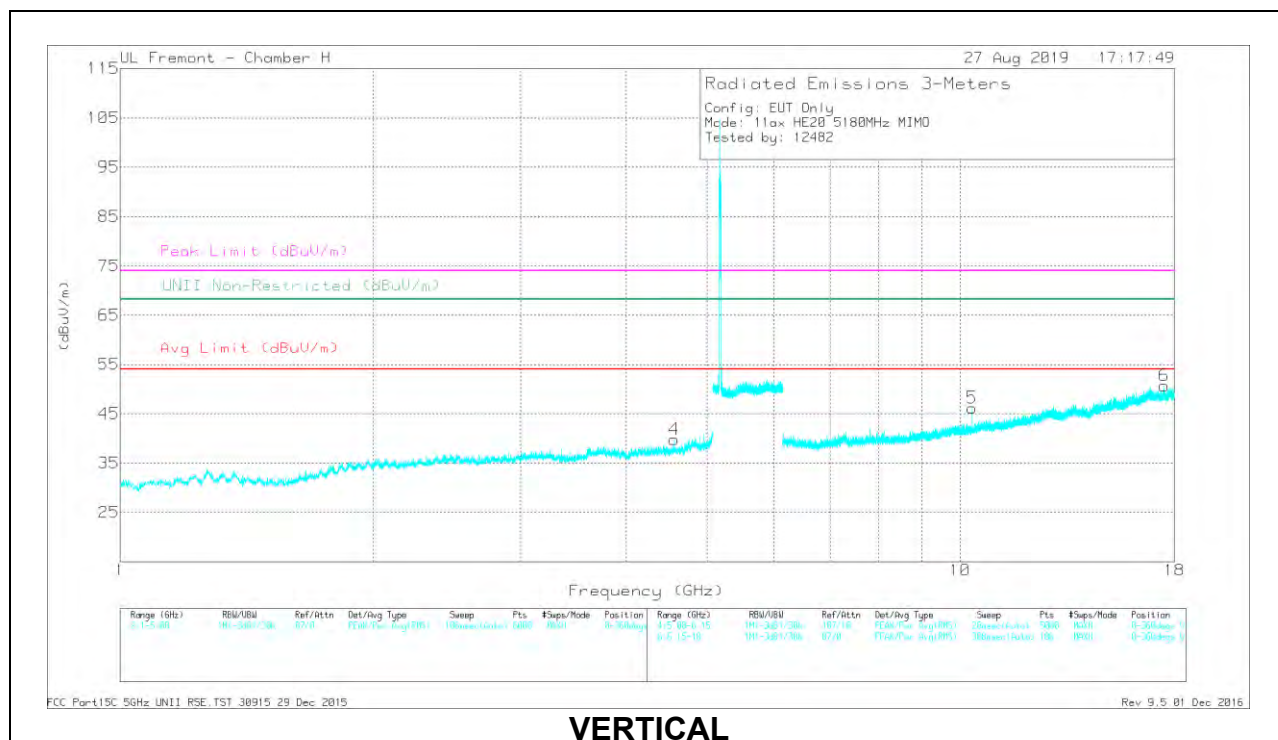
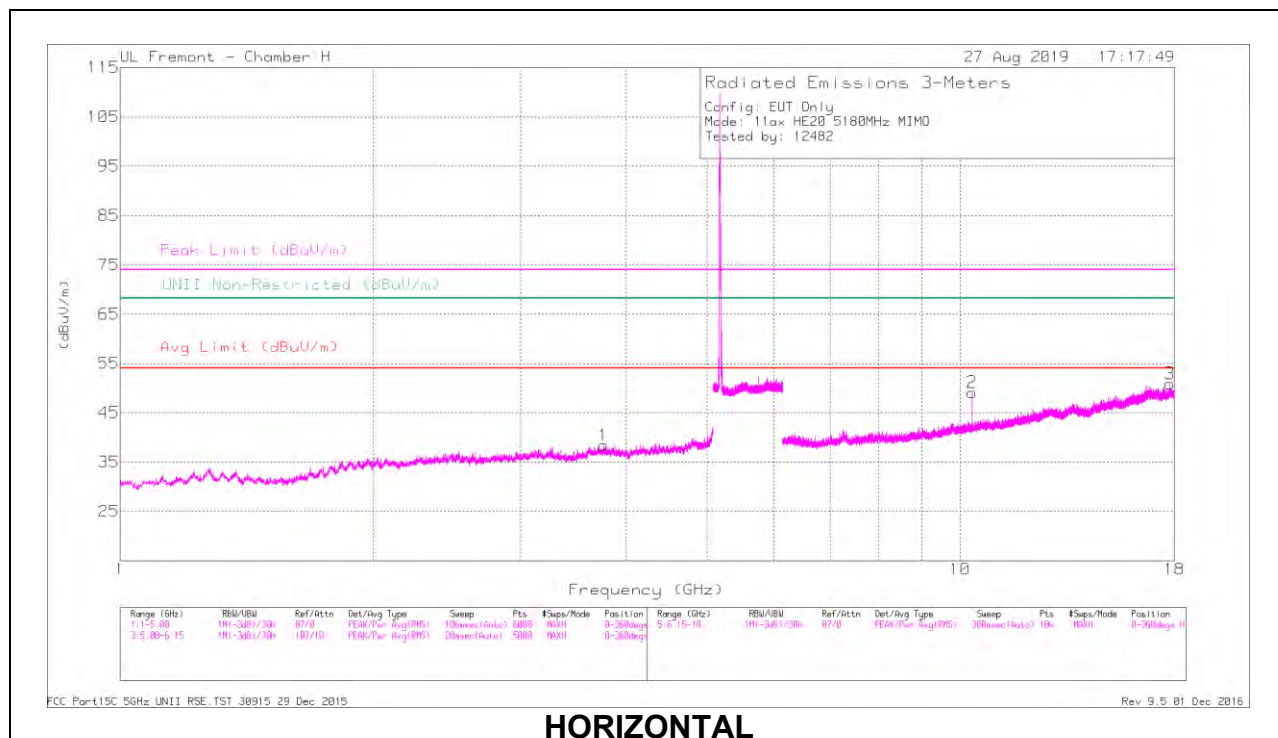
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

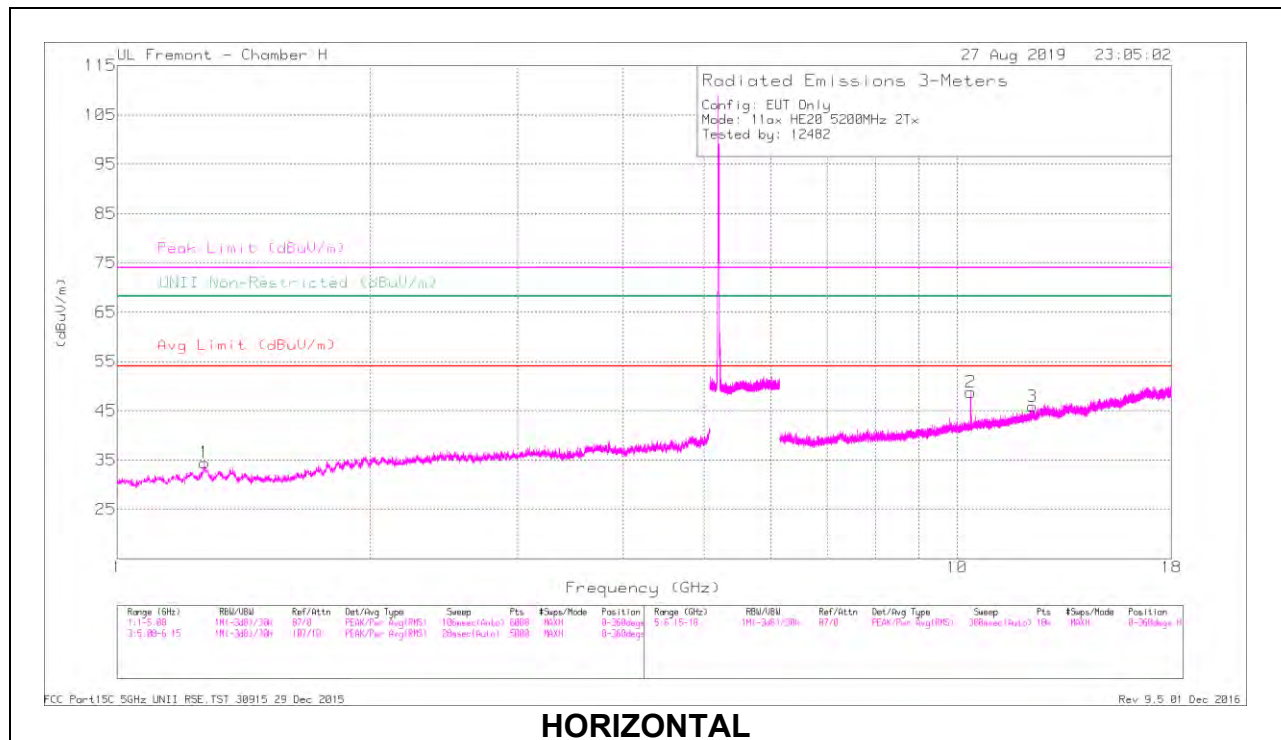
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /Filt/Pad (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.764	41.83	PK-U	33.5	-30.9	44.43	-	-	74	-29.57	-	-	255	179	H
	* 3.767	30.68	ADR	33.5	-30.9	33.28	54	-20.72	-	-	-	-	255	179	H
4	* 4.569	41.58	PK-U	34.2	-29.6	46.18	-	-	74	-27.82	-	-	185	237	V
	* 4.57	29.81	ADR	34.2	-29.6	34.41	54	-19.59	-	-	-	-	185	237	V
3	* 17.772	36.21	PK-U	41.4	-20.1	57.51	-	-	74	-16.49	-	-	78	251	H
	* 17.773	24.54	ADR	41.3	-20.1	45.74	54	-8.26	-	-	-	-	78	251	H
2	10.343	45.14	PK-U	37.3	-23.9	58.54	-	-	-	-	68.2	-9.66	174	237	H
5	10.343	41.21	PK-U	37.3	-23.9	54.61	-	-	-	-	68.2	-13.59	262	125	V
6	17.517	35.5	PK-U	41.1	-20	56.6	-	-	-	-	68.2	-11.6	287	169	V

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

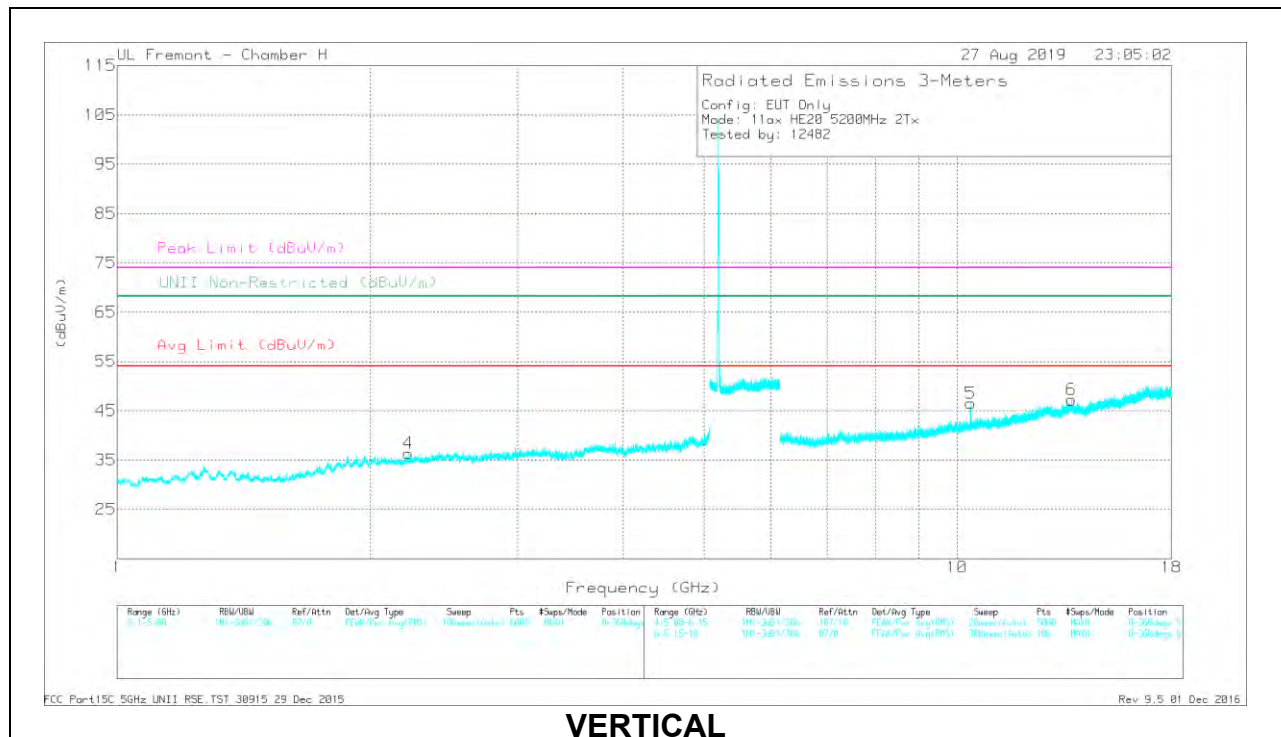
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

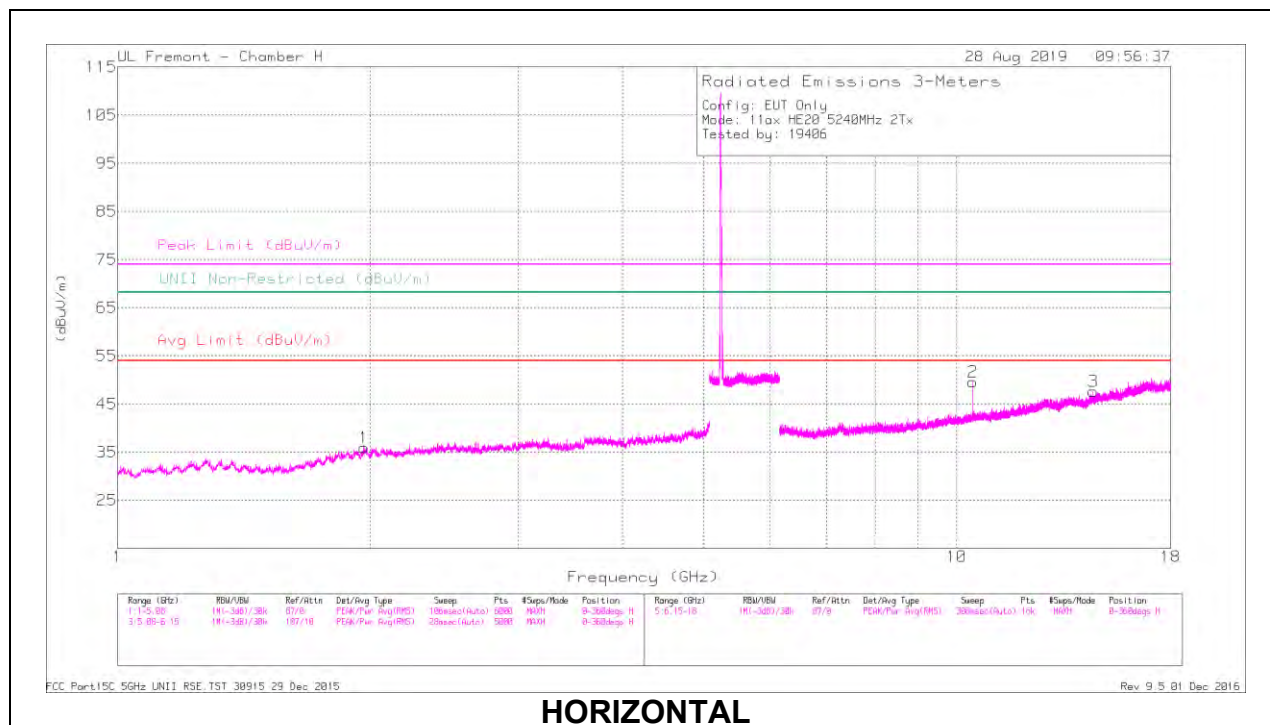
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.27	44.94	PK-U	29.2	-32.9	41.24	-	-	74	-32.76	-	-	122	234	H
	* 1.272	33.17	ADR	29.3	-32.9	29.57	54	-24.43	-	-	-	-	122	234	H
4	* 2.223	44.03	PK-U	31.8	-31.9	43.93	-	-	74	-30.07	-	-	150	251	V
	* 2.223	31.56	ADR	31.8	-31.9	31.46	54	-22.54	-	-	-	-	150	251	V
3	* 12.302	36.64	PK-U	38.9	-23.1	52.44	-	-	74	-21.56	-	-	320	200	H
	* 12.303	24.97	ADR	38.9	-23.1	40.77	54	-13.23	-	-	-	-	320	200	H
5	10.383	45.26	PK-U	37.3	-24.1	58.46	-	-	-	-	68.2	-9.74	344	237	H
2	10.383	42.39	PK-U	37.3	-24.1	55.59	-	-	-	-	68.2	-12.61	104	118	V
6	13.69	36.52	PK-U	39.6	-22.5	53.62	-	-	-	-	68.2	-14.58	150	151	V

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

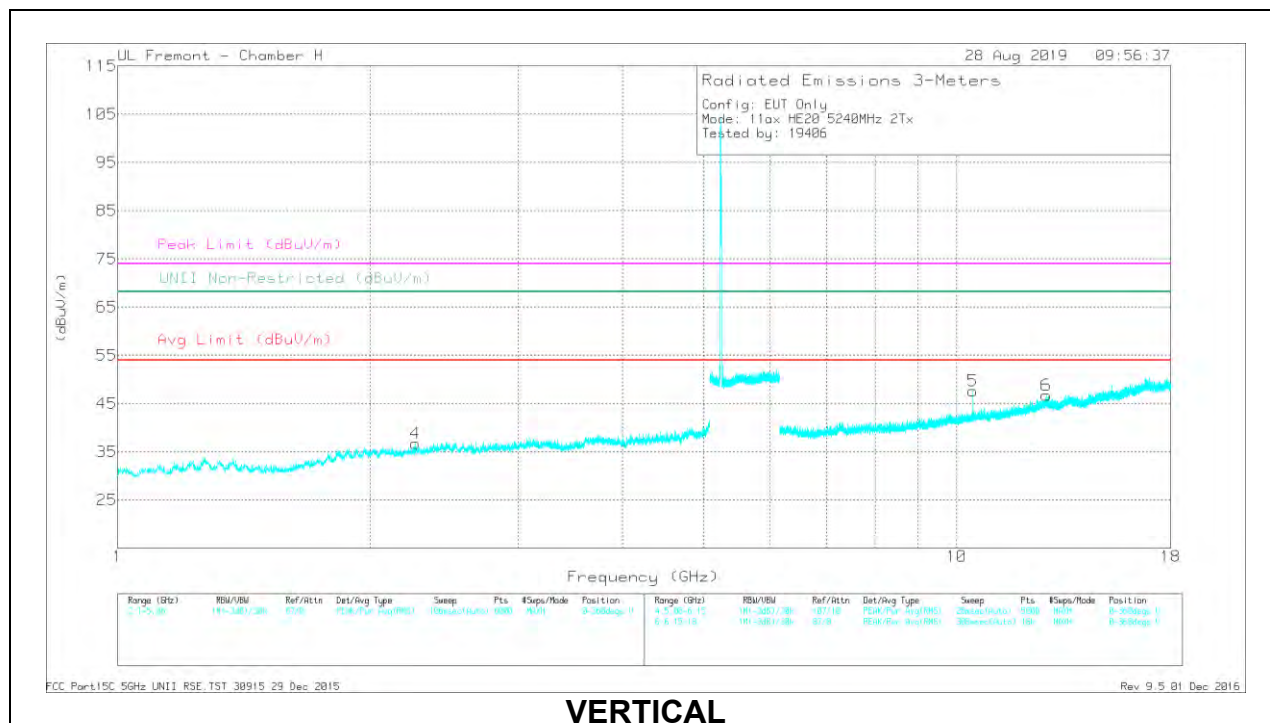
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl /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
4	* 2.266	43.26	PK-U	31.9	-32	43.16	-	-	74	-30.84	-	-	153	129	V
	* 2.266	31.25	ADR	31.9	-32	31.15	54	-22.85	-	-	-	-	153	129	V
1	1.969	44.02	PK-U	31.5	-32.3	43.22	-	-	-	-	68.2	-24.98	138	150	H
2	10.462	43.42	PK-U	37.4	-23.9	56.92	-	-	-	-	68.2	-11.28	214	197	H
5	10.464	43.04	PK-U	37.4	-23.9	56.54	-	-	-	-	68.2	-11.66	310	116	V
6	12.801	36.08	PK-U	39.8	-23.3	52.58	-	-	-	-	68.2	-15.62	213	177	V
3	14.557	36.34	PK-U	39.9	-22.3	53.94	-	-	-	-	68.2	-14.26	353	387	H

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

PK-U - U-NII: Maximum Peak

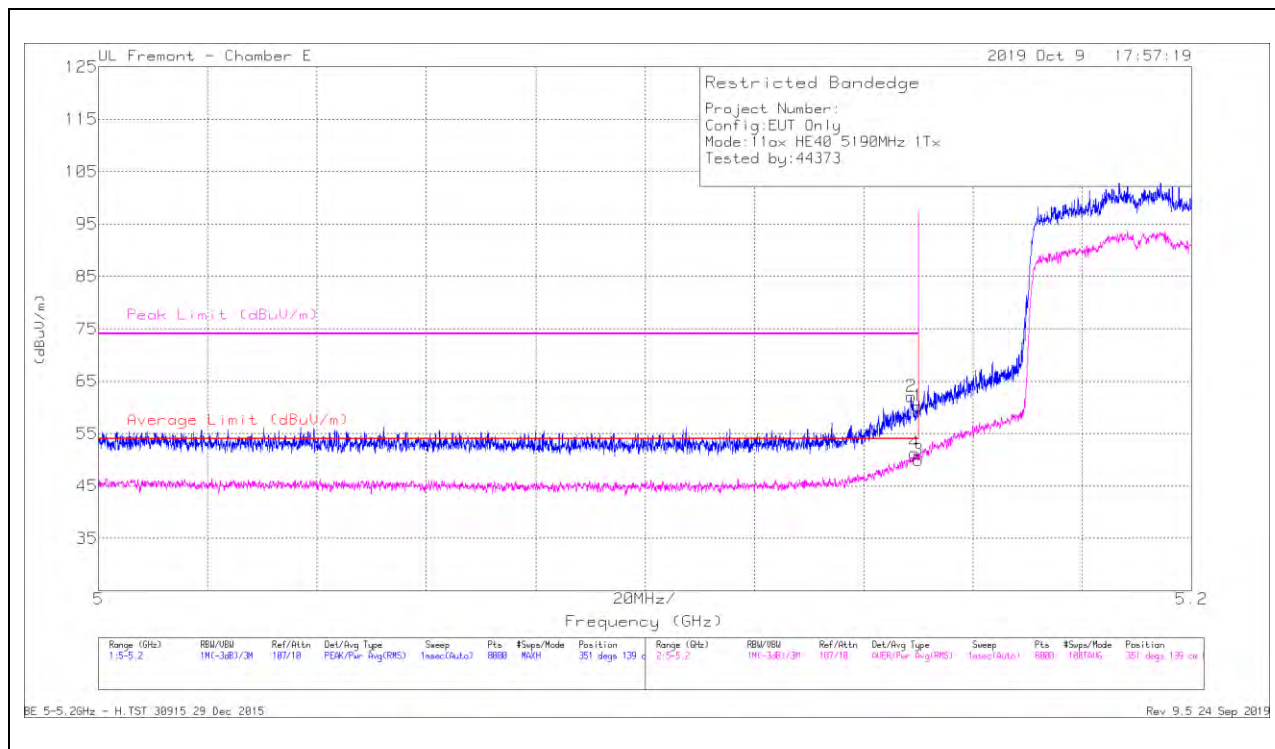
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



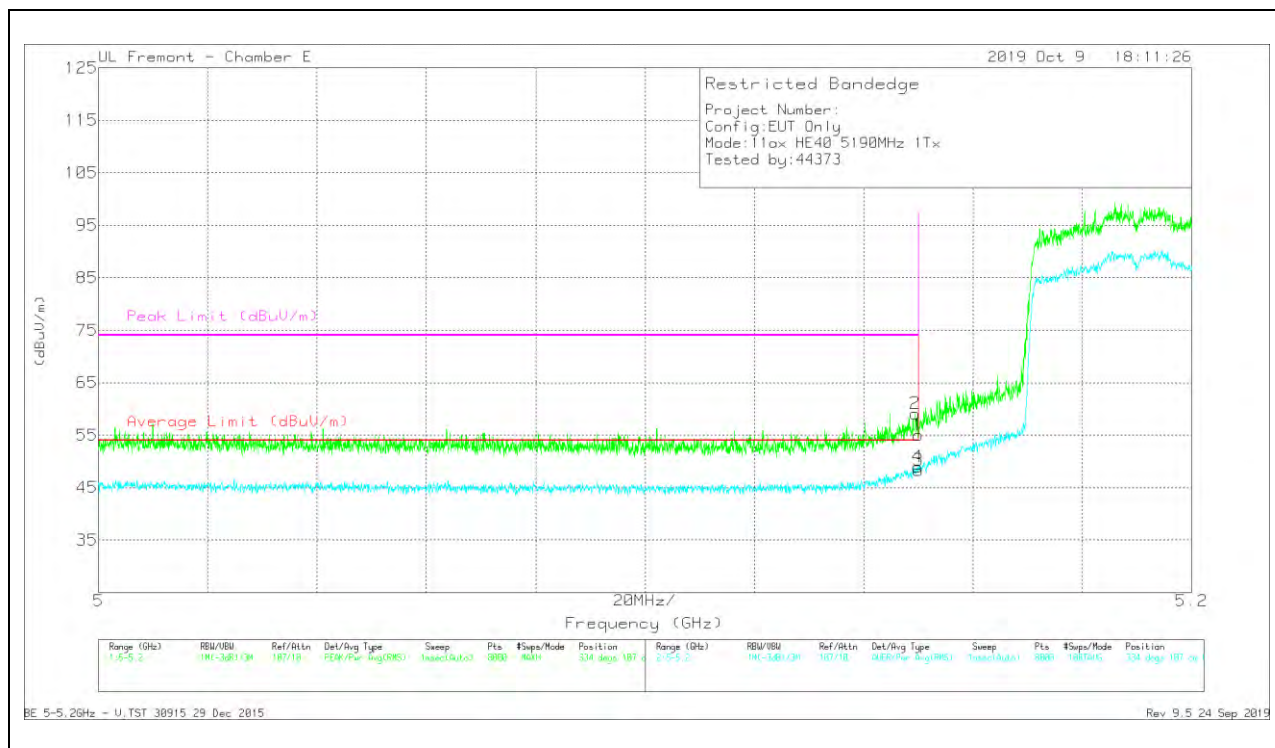
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	47.88	Pk	34.3	-21.9	60.28	-	-	74	-13.72	351	139	H
2	* 5.14867	49.73	Pk	34.3	-21.9	62.13	-	-	74	-11.87	351	139	H
3	* 5.14999	37.51	RMS	34.3	-21.9	49.91	54	-4.09	-	-	351	139	H
4	* 5.14927	38.88	RMS	34.3	-21.9	51.28	54	-2.72	-	-	351	139	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/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	* 5.14999	42.63	Pk	34.3	-21.9	55.03	-	-	74	-18.97	334	107	V
2	* 5.14942	46.72	Pk	34.3	-21.9	59.12	-	-	74	-14.88	334	107	V
3	* 5.14999	35.87	RMS	34.3	-21.9	48.27	54	-5.73	-	-	334	107	V
4	* 5.14992	36.5	RMS	34.3	-21.9	48.9	54	-5.1	-	-	334	107	V

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

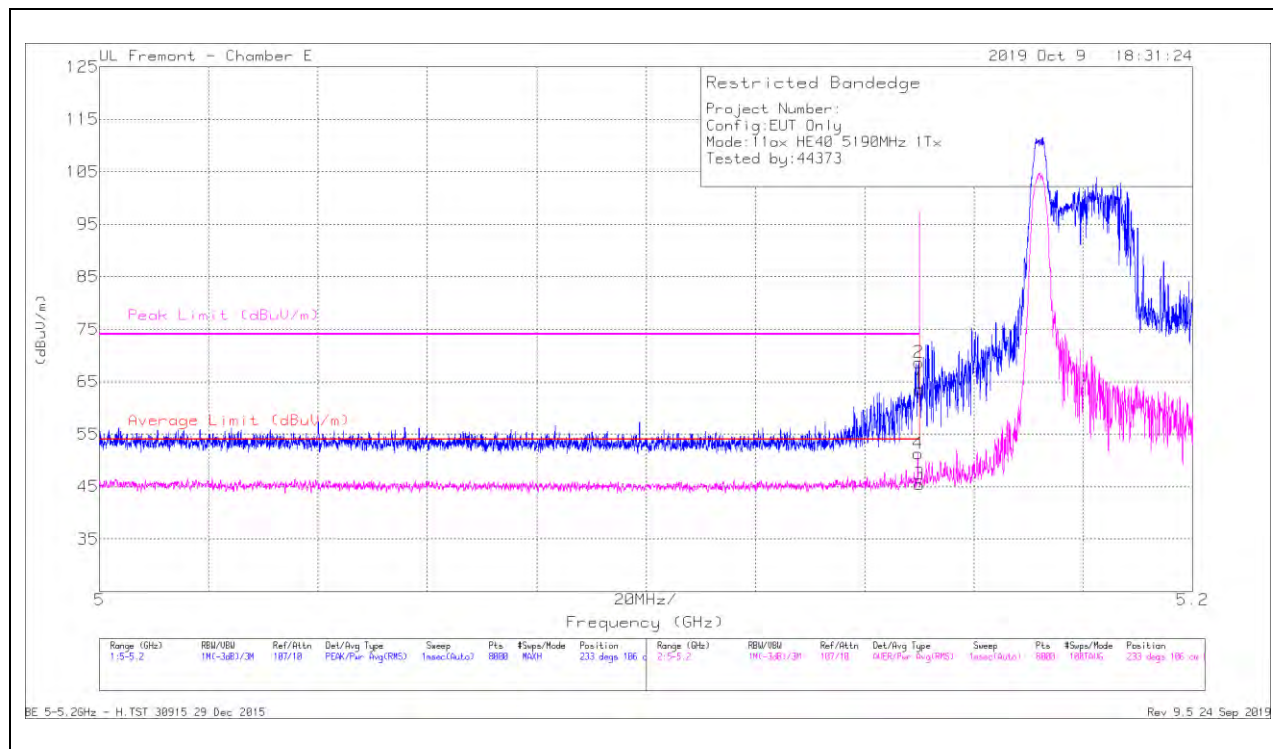
Pk - Peak detector

RMS - RMS detection

1TX UAT2 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



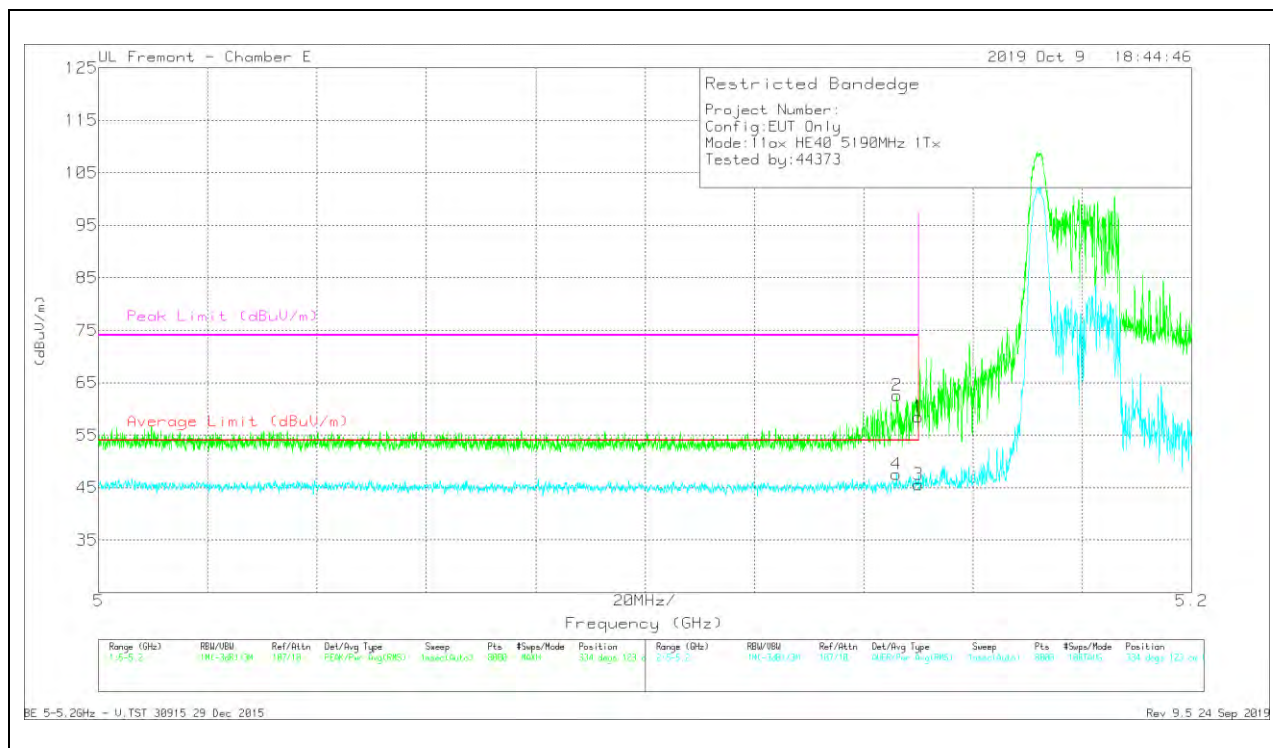
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	51.12	Pk	34.3	-21.9	63.52	-	-	74	-10.48	233	106	H
2	* 5.14984	56.32	Pk	34.3	-21.9	68.72	-	-	74	-5.28	233	106	H
3	* 5.14999	33.09	RMS	34.3	-21.9	45.49	54	-8.51	-	-	233	106	H
4	* 5.14974	38.89	RMS	34.3	-21.9	51.29	54	-2.71	-	-	233	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.14999	46.05	Pk	34.3	-21.9	58.45	-	-	74	-15.55	334	123	V
2	* 5.14604	50.23	Pk	34.3	-21.9	62.63	-	-	74	-11.37	334	123	V
3	* 5.14999	33.14	RMS	34.3	-21.9	45.54	54	-8.46	-	-	334	123	V
4	* 5.14602	35.17	RMS	34.3	-21.9	47.57	54	-6.43	-	-	334	123	V

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

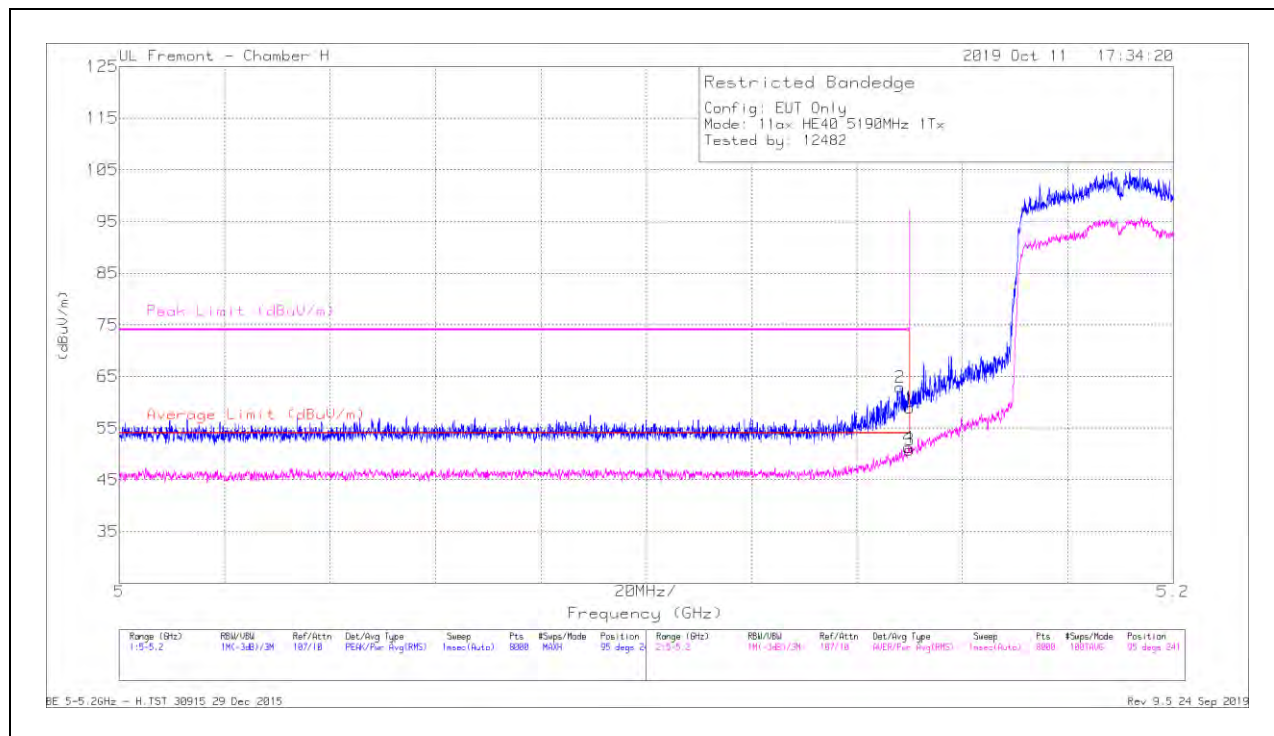
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



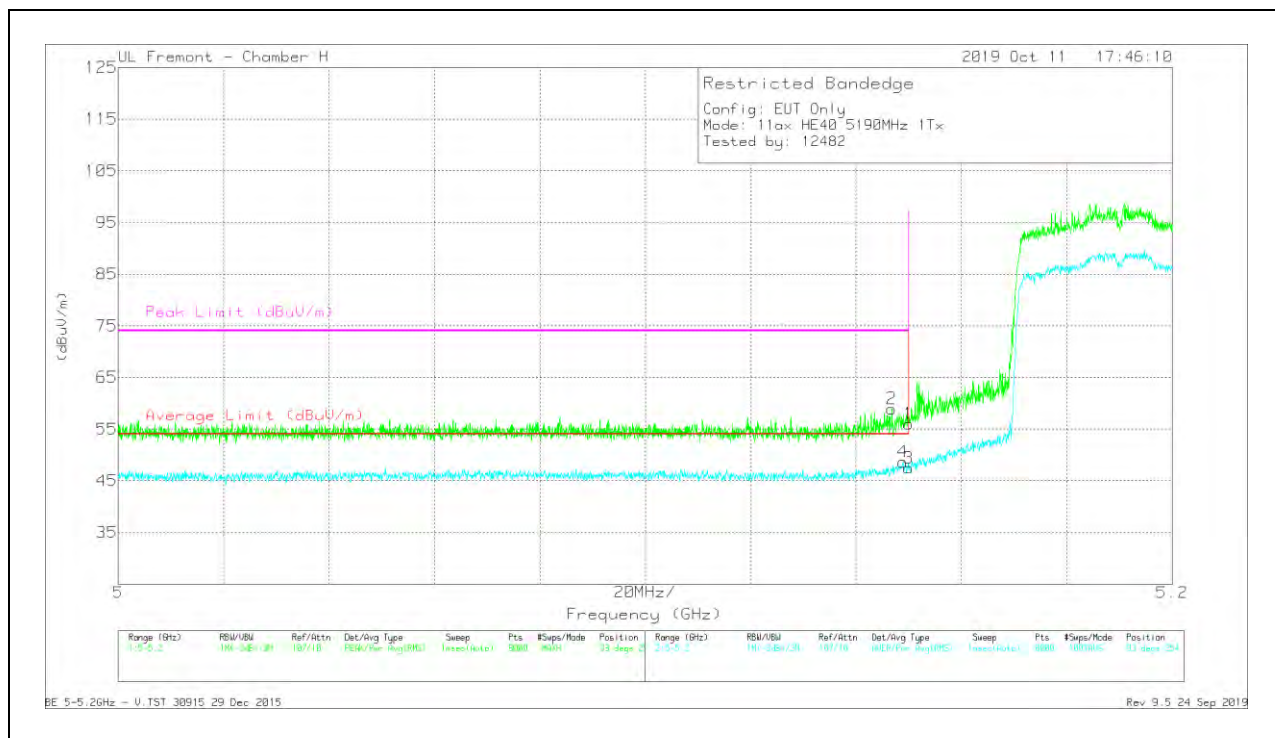
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	45.42	Pk	34.4	-20.9	58.92	-	-	74	-15.08	95	241	H
2	* 5.14817	49.61	Pk	34.3	-21	62.91	-	-	74	-11.09	95	241	H
3	* 5.14999	37.29	RMS	34.4	-20.9	50.79	54	-3.21	-	-	95	241	H
4	* 5.14977	37.73	RMS	34.4	-20.9	51.23	54	-2.77	-	-	95	241	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/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	* 5.14999	42.53	Pk	34.4	-20.9	56.03	-	-	74	-17.97	93	254	V
2	* 5.14677	45.63	Pk	34.3	-21	58.93	-	-	74	-15.07	93	254	V
3	* 5.14999	33.95	RMS	34.4	-20.9	47.45	54	-6.55	-	-	93	254	V
4	* 5.14887	35.34	RMS	34.3	-21	48.64	54	-5.36	-	-	93	254	V

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

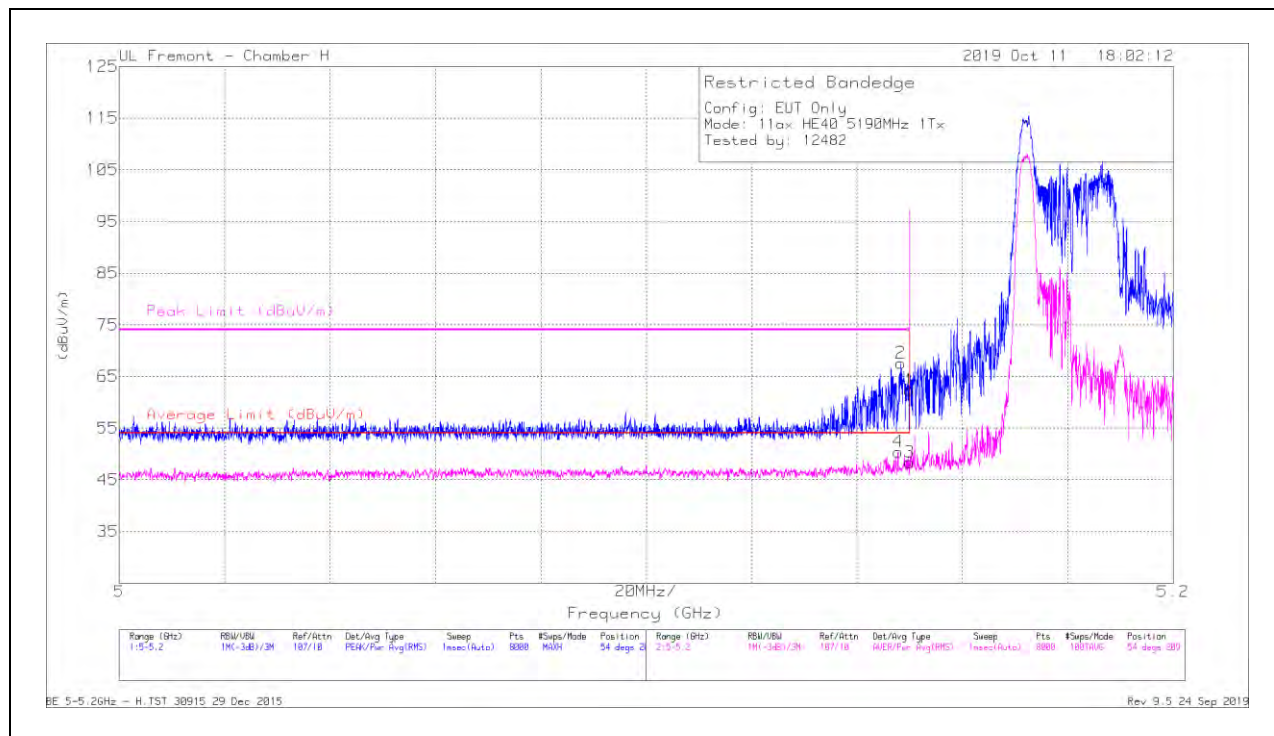
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



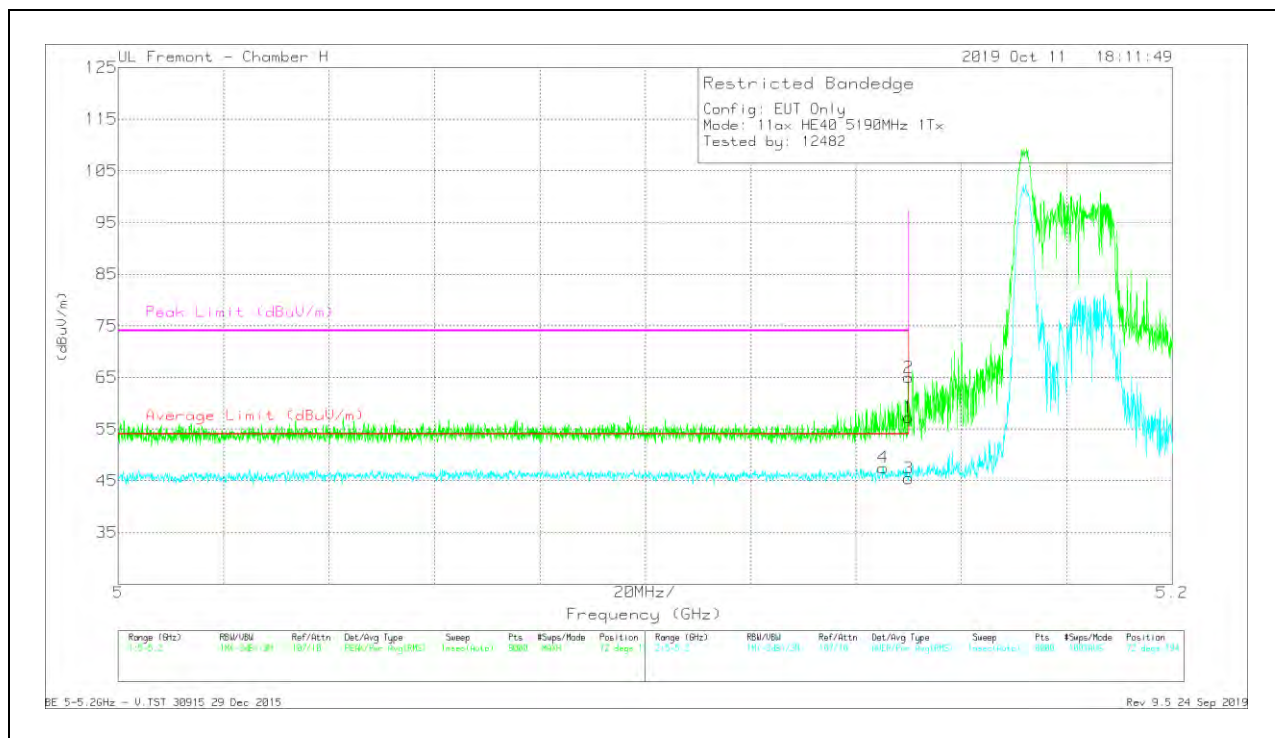
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	48.86	Pk	34.4	-20.9	62.36	-	-	74	-11.64	54	209	H
2	* 5.14829	54.3	Pk	34.3	-21	67.6	-	-	74	-6.4	54	209	H
3	* 5.14999	34.9	RMS	34.4	-20.9	48.4	54	-5.6	-	-	54	209	H
4	* 5.14777	37.14	RMS	34.3	-21	50.44	54	-3.56	-	-	54	209	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/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	* 5.14999	43.73	Pk	34.4	-20.9	57.23	-	-	74	-16.77	72	194	V
2	* 5.14992	51.5	Pk	34.4	-20.9	65	-	-	74	-9	72	194	V
3	* 5.14999	31.99	RMS	34.4	-20.9	45.49	54	-8.51	-	-	72	194	V
4	* 5.14514	34.24	RMS	34.3	-21	47.54	54	-6.46	-	-	72	194	V

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

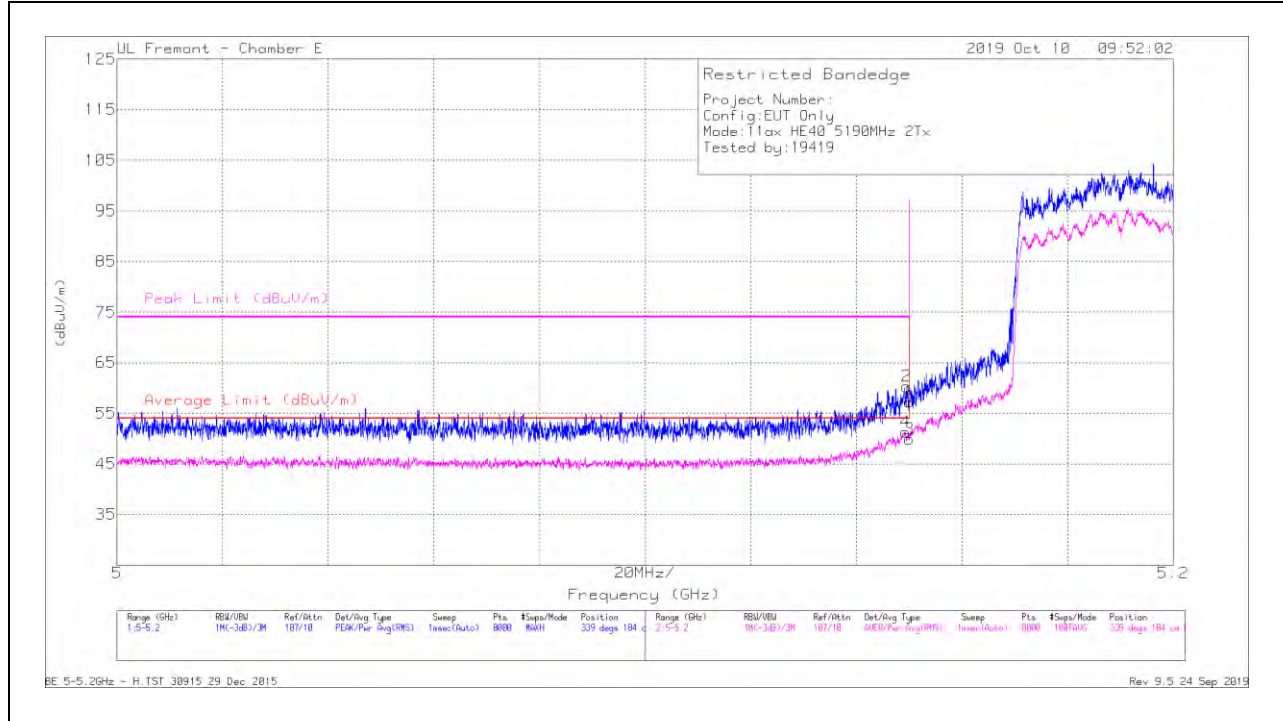
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 OFDMA MODE – 484 Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



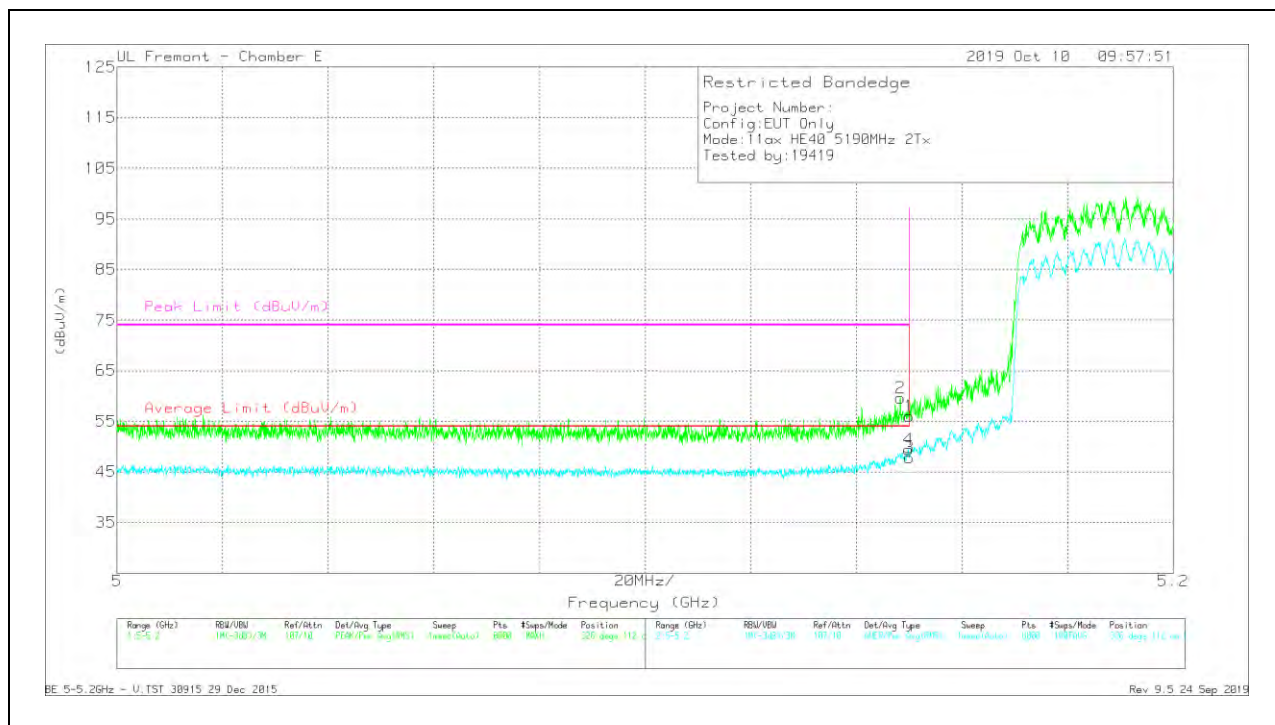
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.79	Pk	34.3	-21.9	57.19	-	-	74	-16.81	339	184	H
2	* 5.14952	47.89	Pk	34.3	-21.9	60.29	-	-	74	-13.71	339	184	H
3	* 5.14999	37.57	RMS	34.3	-21.9	49.97	54	-4.03	-	-	339	184	H
4	* 5.14927	38.86	RMS	34.3	-21.9	51.26	54	-2.74	-	-	339	184	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (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	* 5.14999	43.58	Pk	34.3	-21.9	55.98	-	-	74	-18.02	326	112	V
2	* 5.14829	47.19	Pk	34.3	-21.9	59.59	-	-	74	-14.41	326	112	V
3	* 5.14999	35.45	RMS	34.3	-21.9	47.85	54	-6.15	-	-	326	112	V
4	* 5.14987	37.04	RMS	34.3	-21.9	49.44	54	-4.56	-	-	326	112	V

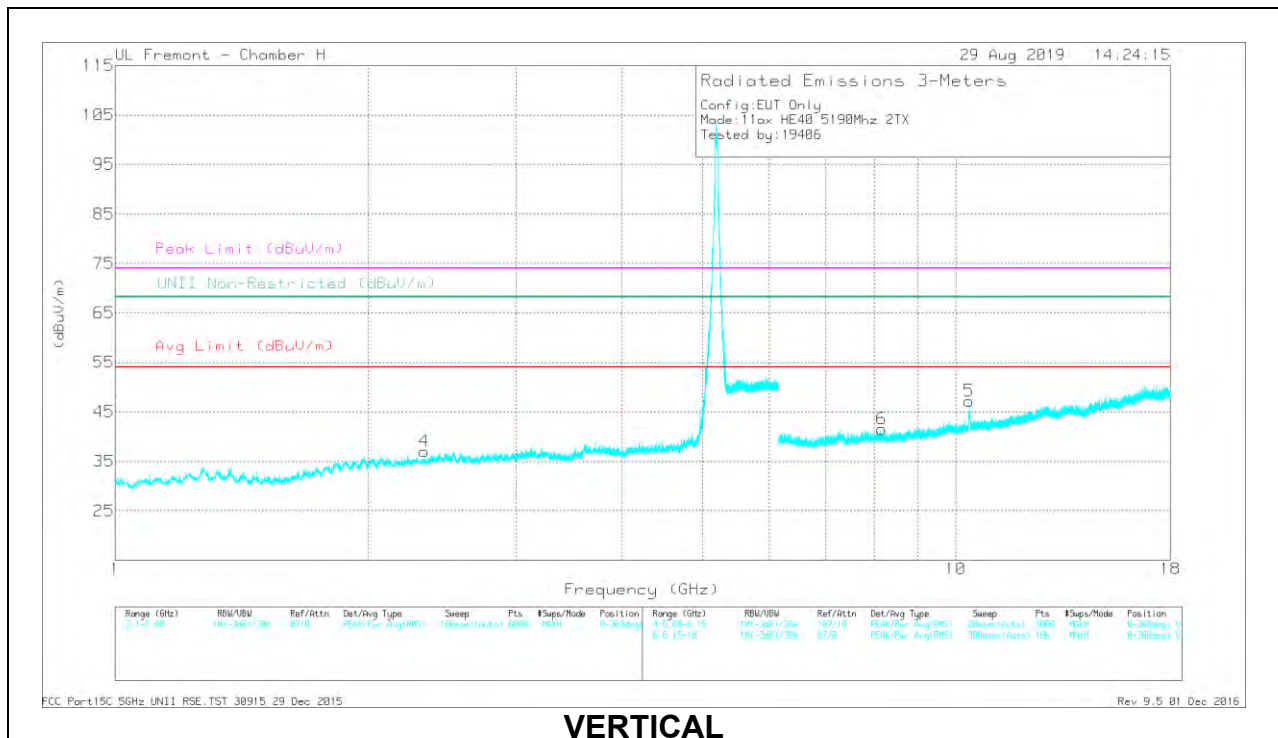
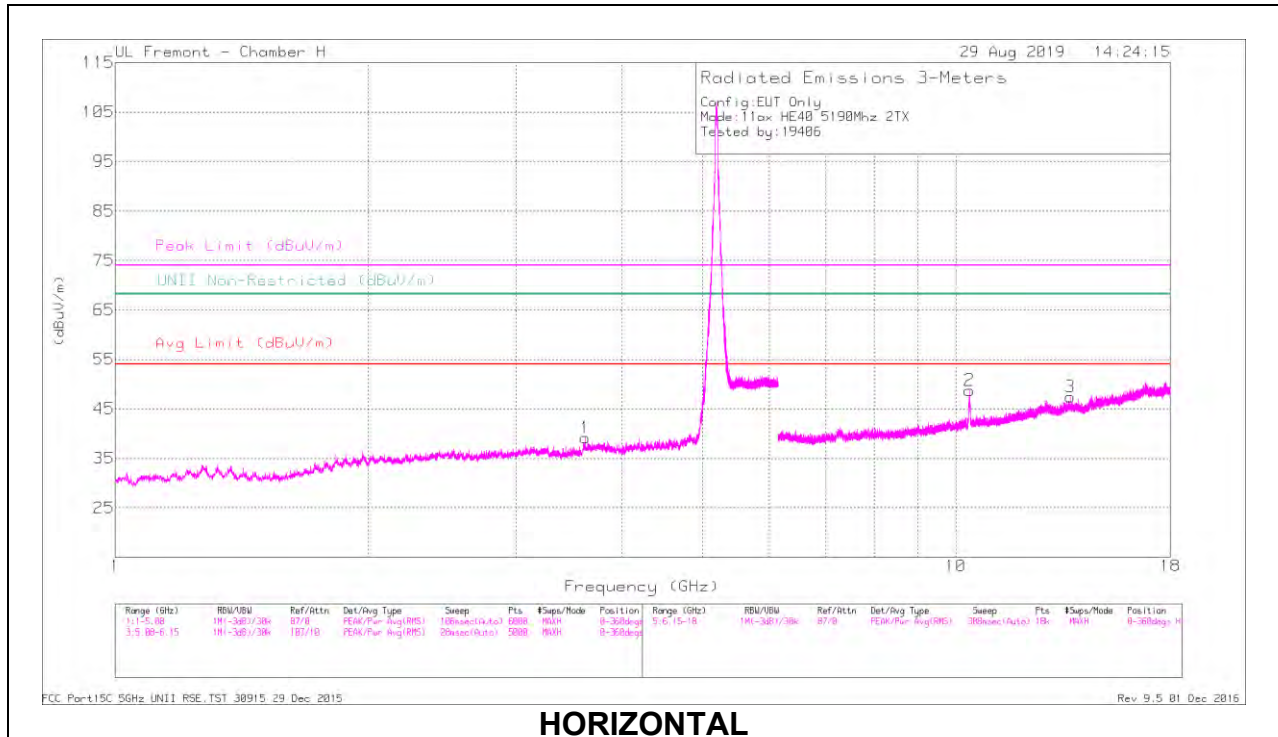
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

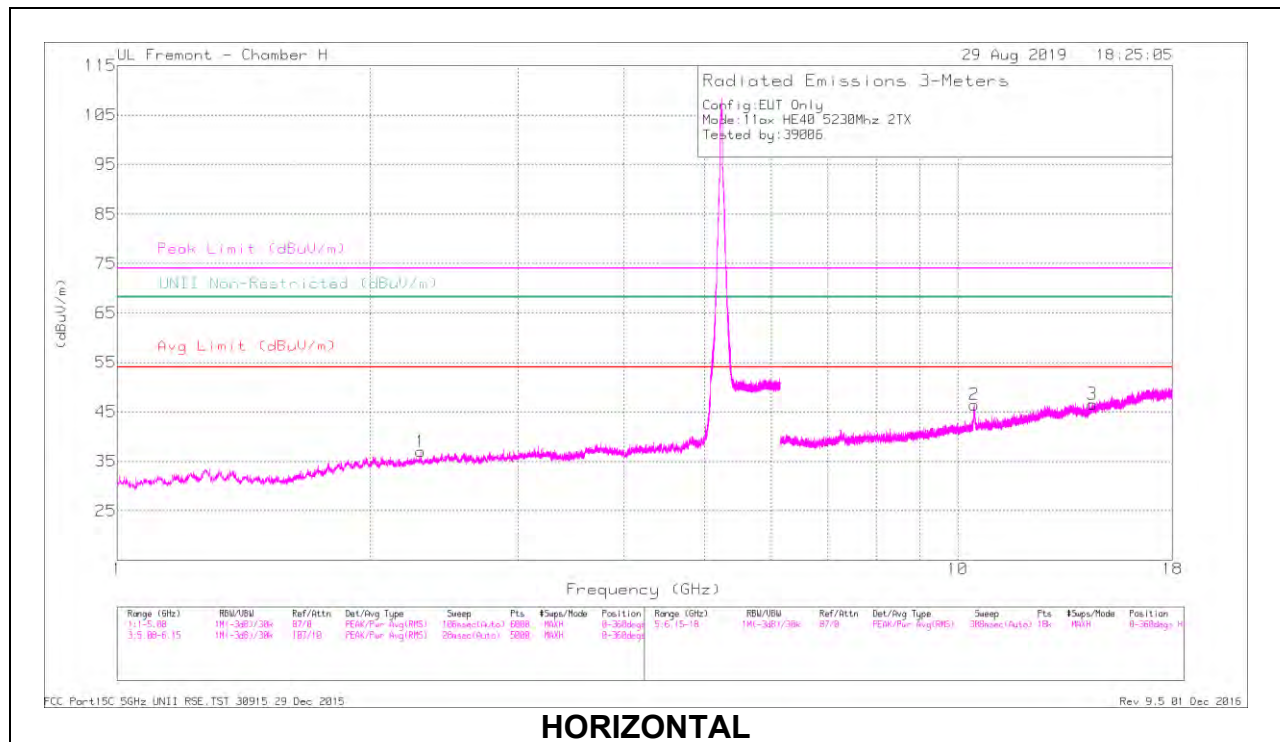
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.625	42.1	PK-U	33.1	-31	44.2	-	-	74	-29.8	-	-	22	303	H
	* 3.626	30.11	ADR	33.1	-31	32.21	54	-21.79	-	-	-	-	22	303	H
4	* 2.332	43.81	PK-U	31.9	-31.9	43.81	-	-	74	-30.19	-	-	5	281	V
	* 2.329	31.23	ADR	31.8	-31.9	31.13	54	-22.87	-	-	-	-	5	281	V
6	* 8.167	38.11	PK-U	36	-26.4	47.71	-	-	74	-26.29	-	-	3	116	V
	* 8.166	26.25	ADR	36	-26.4	35.85	54	-18.15	-	-	-	-	3	116	V
5	10.38	39.47	PK-U	37.4	-24.2	52.67	-	-	-	-	68.2	-15.53	172	326	V
2	10.383	43.78	PK-U	37.3	-24.1	56.98	-	-	-	-	68.2	-11.22	266	121	H
3	13.678	36.27	PK-U	39.7	-22.5	53.47	-	-	-	-	68.2	-14.73	322	214	H

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

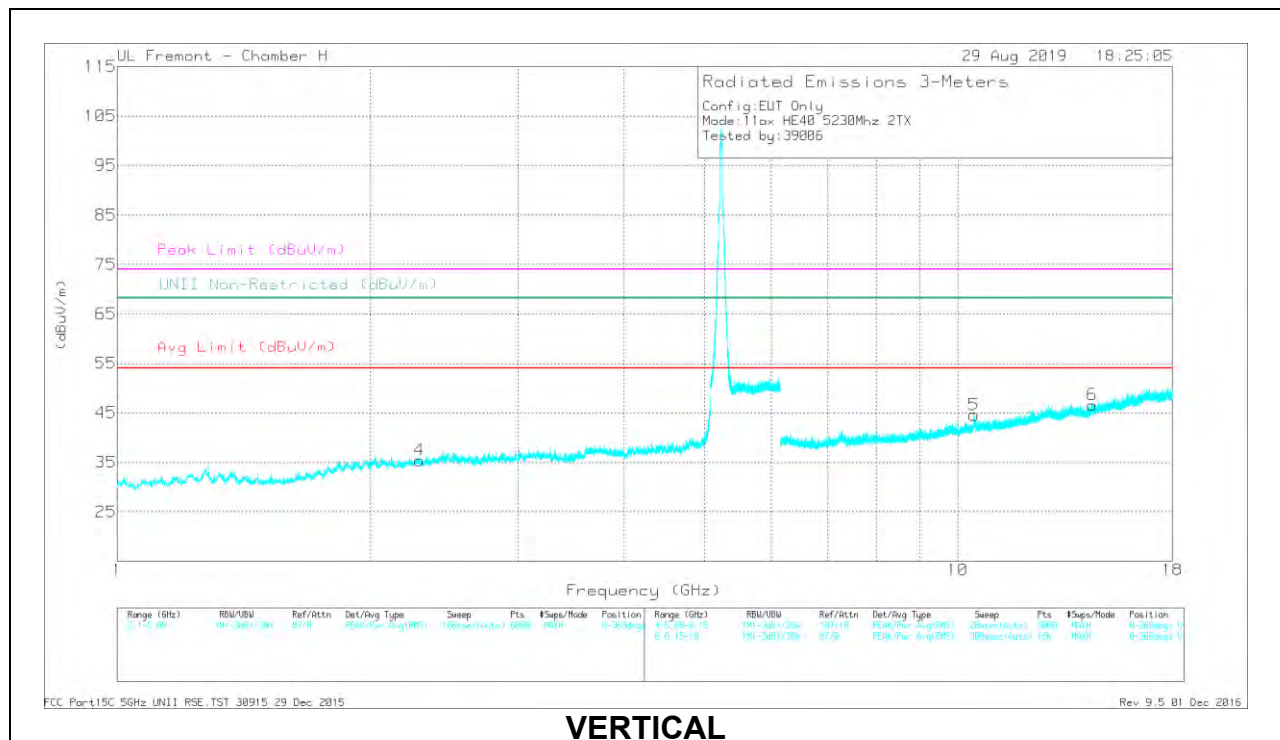
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb I/Fltr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.296	42.96	PK-U	31.8	-31.9	42.86	-	-	74	-31.14	-	-	320	151	H
	* 2.294	31.59	ADR	31.8	-31.9	31.49	54	-22.51	-	-	-	-	320	151	H
4	* 2.287	43.33	PK-U	31.9	-31.9	43.33	-	-	74	-30.67	-	-	300	166	V
	* 2.288	31.63	ADR	31.9	-31.9	31.63	54	-22.37	-	-	-	-	300	166	V
5	10.454	38.07	PK-U	37.4	-23.8	51.67	-	-	-	-	68.2	-16.53	31	107	V
2	10.461	40.38	PK-U	37.4	-23.9	53.88	-	-	-	-	68.2	-14.32	242	221	H
3	14.459	35.54	PK-U	39.7	-21.6	53.64	-	-	-	-	68.2	-14.56	200	160	H
6	14.462	35.33	PK-U	39.8	-21.5	53.63	-	-	-	-	68.2	-14.57	245	116	V

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

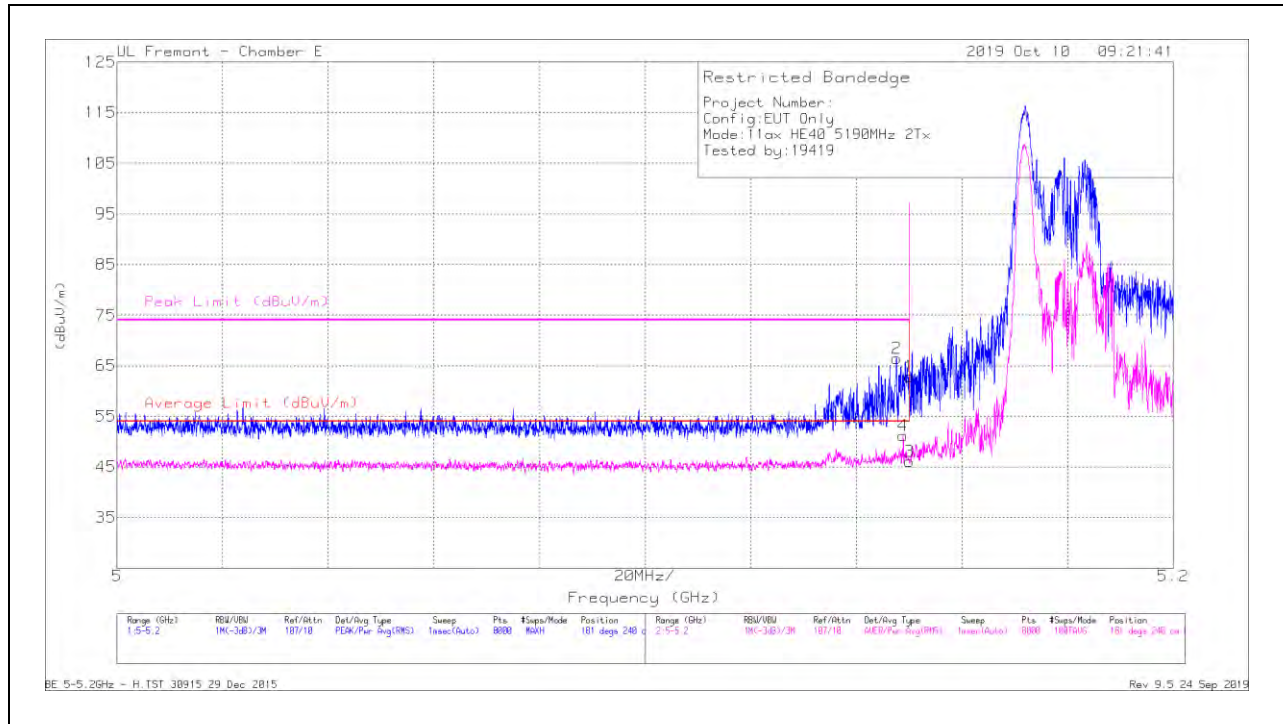
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX UAT2 + LAT3 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



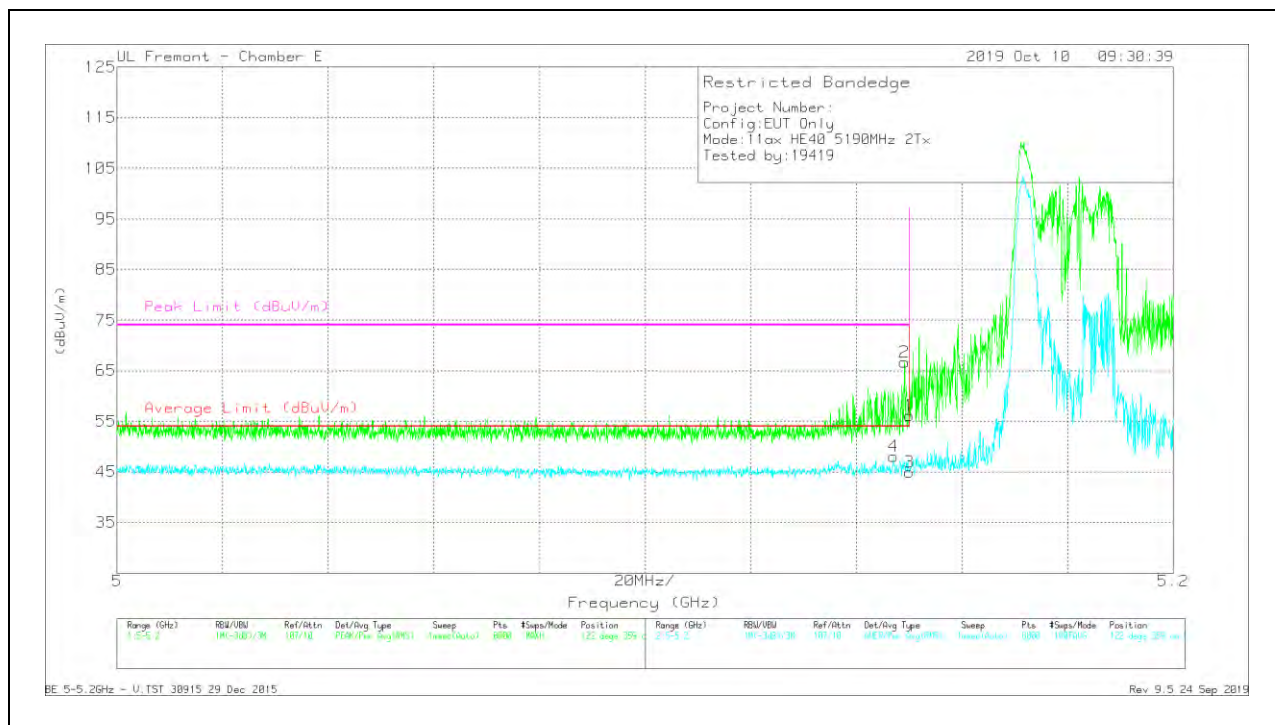
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	50.43	Pk	34.3	-21.9	62.83	-	-	74	-11.17	181	240	H
2	* 5.14759	54.06	Pk	34.3	-21.9	66.46	-	-	74	-7.54	181	240	H
3	* 5.14999	33.71	RMS	34.3	-21.9	46.11	54	-7.89	-	-	181	240	H
4	* 5.14887	38.78	RMS	34.3	-21.9	51.18	54	-2.82	-	-	181	240	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/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	* 5.14999	43.68	Pk	34.3	-21.9	56.08	-	-	74	-17.92	122	359	V
2	* 5.14912	54.29	Pk	34.3	-21.9	66.69	-	-	74	-7.31	122	359	V
3	* 5.14999	32.58	RMS	34.3	-21.9	44.98	54	-9.02	-	-	122	359	V
4	* 5.14704	35.71	RMS	34.3	-21.9	48.11	54	-5.89	-	-	122	359	V

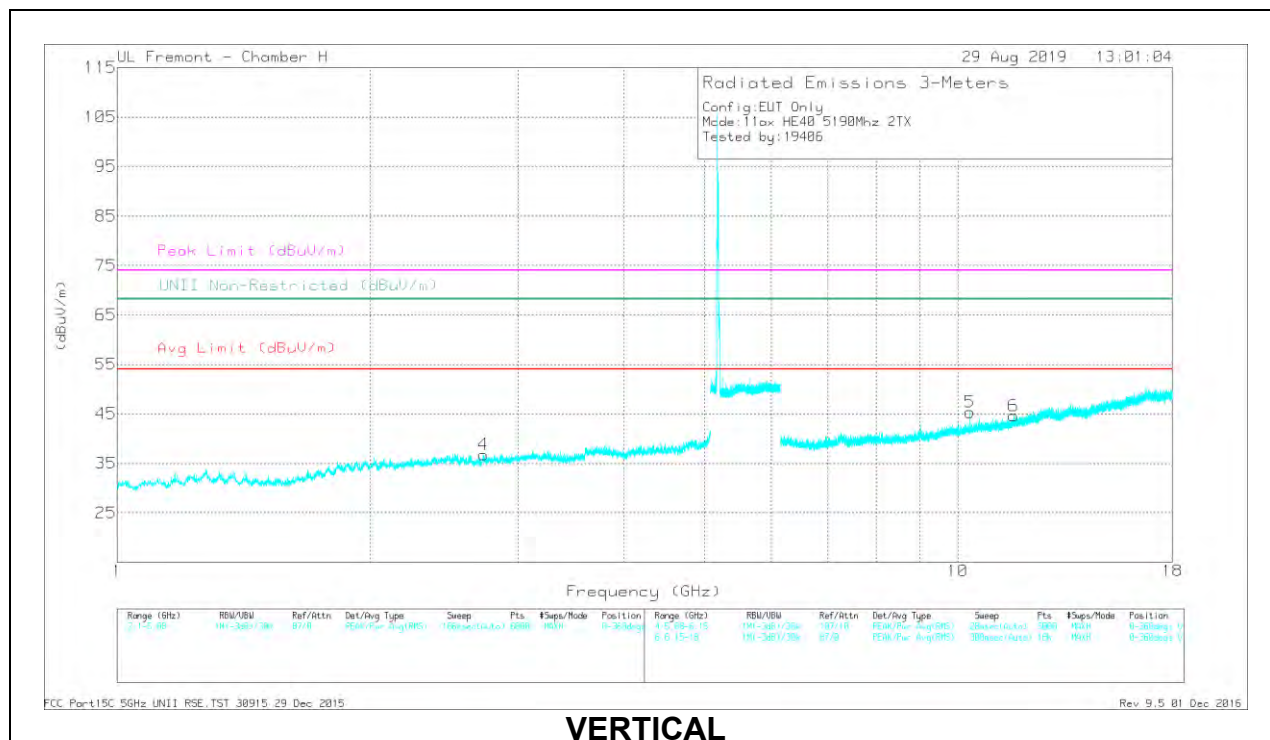
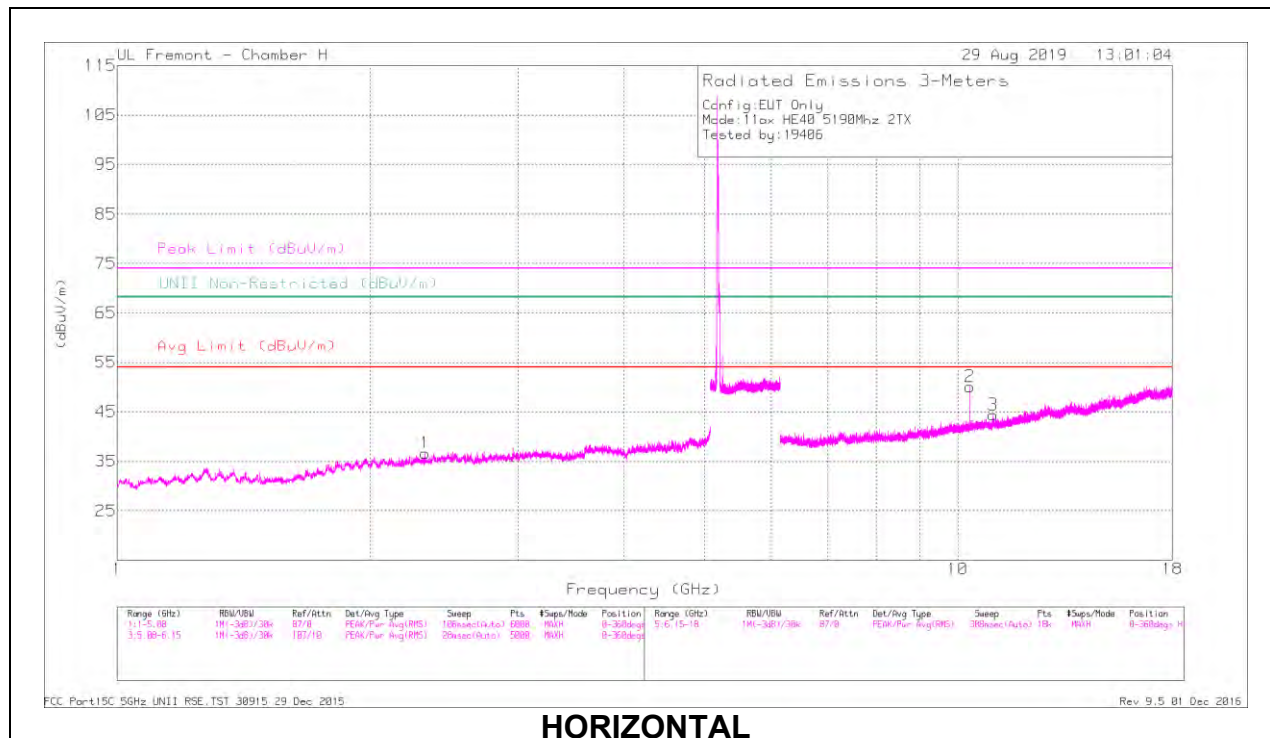
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

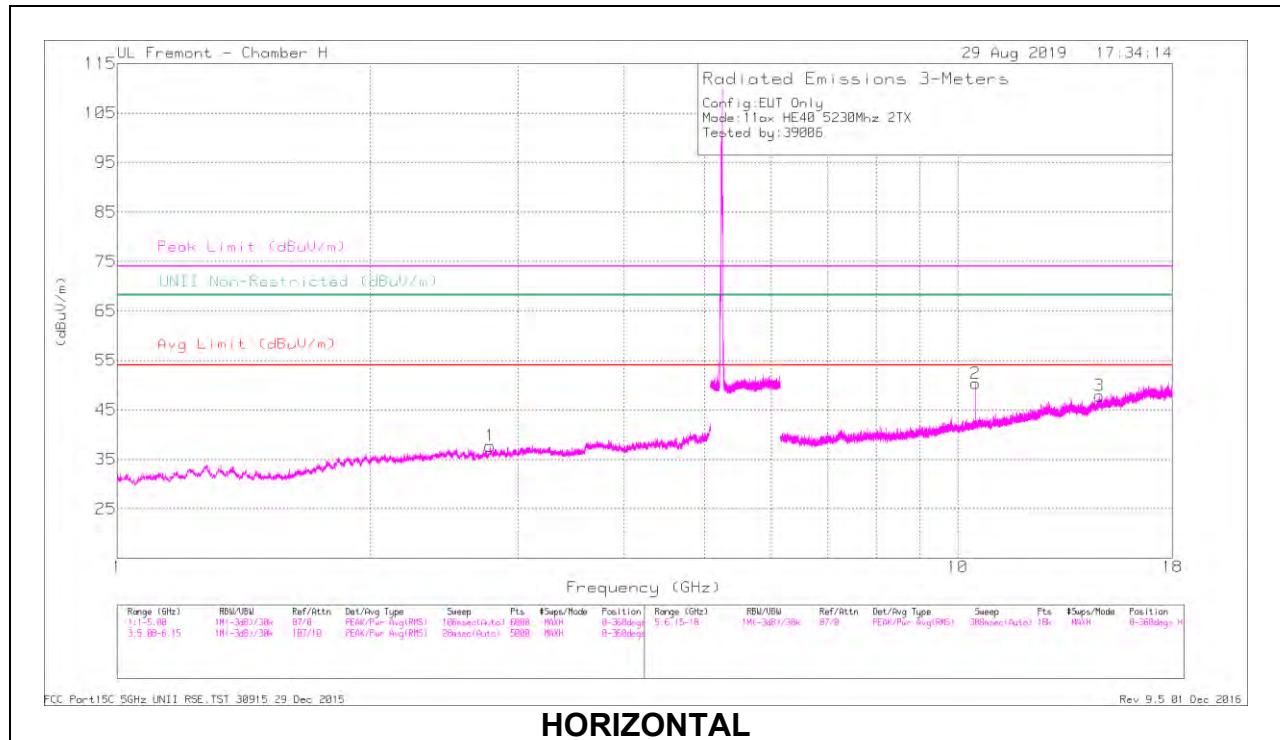
Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.326	43.79	PK-U	31.8	-32	43.59	-	-	74	-30.41	-	-	244	393	H
	* 2.326	31.23	ADR	31.8	-32	31.03	54	-22.97	-	-	-	-	244	393	H
4	* 2.726	43.41	PK-U	32.1	-31.6	43.91	-	-	74	-30.09	-	-	354	391	V
	* 2.727	31.21	ADR	32.1	-31.6	31.71	54	-22.29	-	-	-	-	354	391	V
3	* 11.02	35.68	PK-U	37.7	-23.3	50.08	-	-	74	-23.92	-	-	329	319	H
	* 11.023	24.09	ADR	37.7	-23.4	38.39	54	-15.61	-	-	-	-	329	319	H
6	* 11.65	35.47	PK-U	38.4	-23.1	50.77	-	-	74	-23.23	-	-	157	393	V
	* 11.65	23.88	ADR	38.4	-23.1	39.18	54	-14.82	-	-	-	-	157	393	V
2	10.343	44.45	PK-U	37.3	-23.9	57.85	-	-	-	-	68.2	-10.35	272	122	H
5	10.343	42.19	PK-U	37.3	-23.9	55.59	-	-	-	-	68.2	-12.61	8	100	V

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

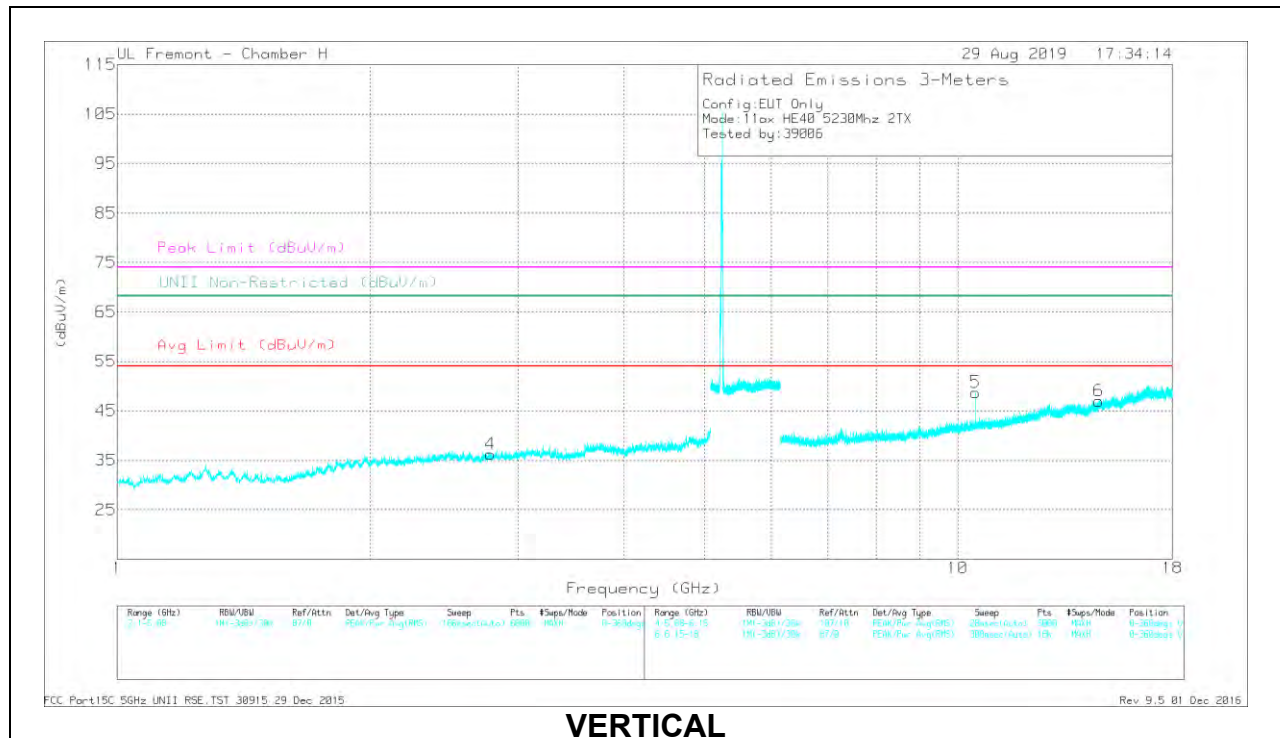
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.777	44.69	PK-U	32.3	-31.7	45.29	-	-	74	-28.71	-	-	64	131	H
	* 2.777	31.89	ADR	32.3	-31.7	32.49	54	-21.51	-	-	-	-	64	131	H
4	* 2.779	43.61	PK-U	32.3	-31.7	44.21	-	-	74	-29.79	-	-	90	151	V
	* 2.777	31.82	ADR	32.3	-31.7	32.42	54	-21.58	-	-	-	-	90	151	V
2	10.496	46.8	PK-U	37.5	-23.8	60.5	-	-	-	-	68.2	-7.7	267	130	H
5	10.496	42.62	PK-U	37.5	-23.8	56.32	-	-	-	-	68.2	-11.88	184	113	V
6	14.711	35.72	PK-U	40.3	-22.6	53.42	-	-	-	-	68.2	-14.78	241	171	V
3	14.748	35.63	PK-U	40.3	-22.5	53.43	-	-	-	-	68.2	-14.77	200	261	H

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

PK-U - U-NII: Maximum Peak

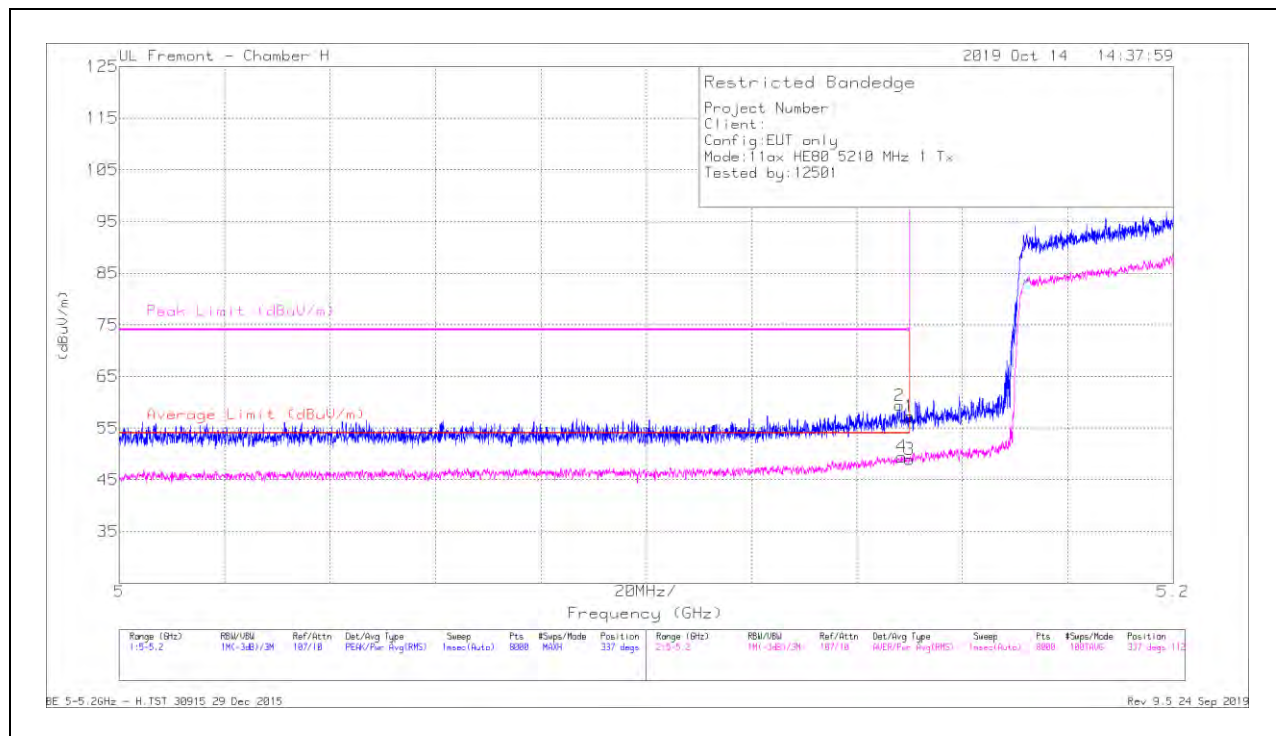
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



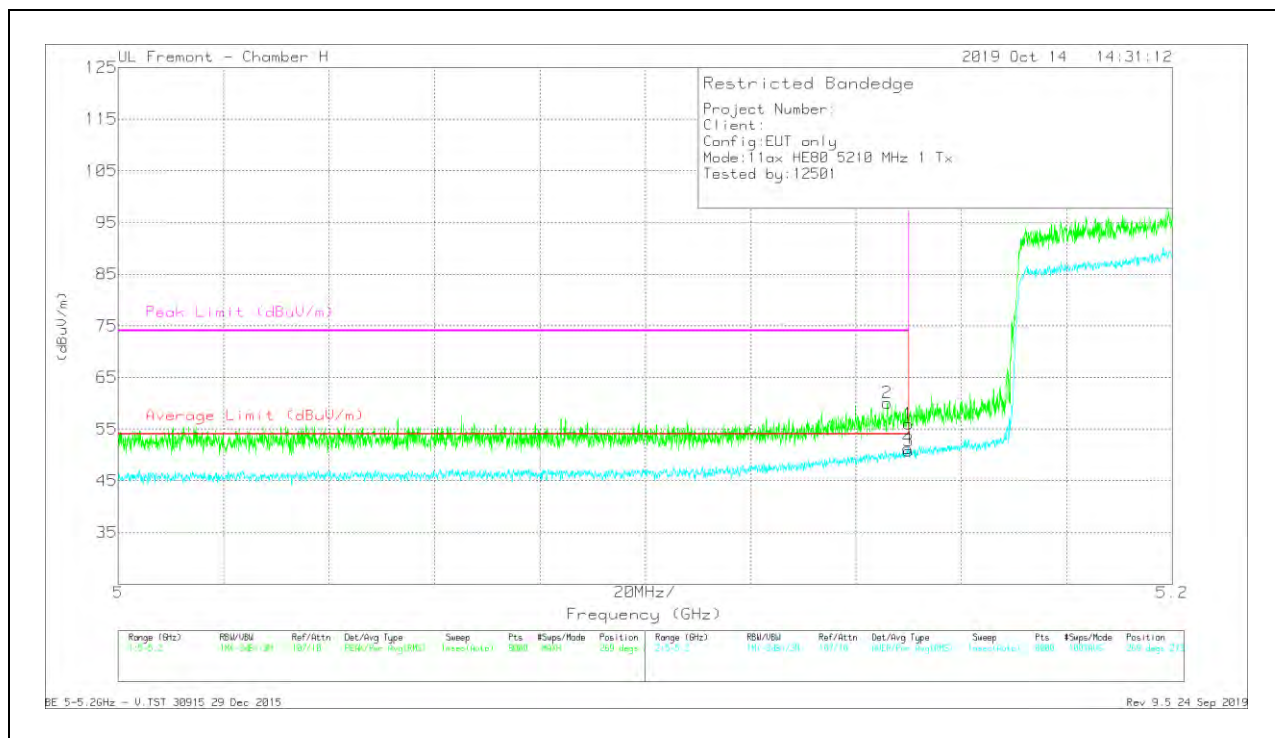
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	43.79	Pk	34.4	-20.9	57.29	-	-	74	-16.71	337	112	H
2	* 5.14807	46.08	Pk	34.3	-21	59.38	-	-	74	-14.62	337	112	H
3	* 5.14999	35.45	RMS	34.4	-20.9	48.95	54	-5.05	-	-	337	112	H
4	* 5.14847	36.16	RMS	34.3	-21	49.46	54	-4.54	-	-	337	112	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/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	* 5.14999	42.52	Pk	34.4	-20.9	56.02	-	-	74	-17.98	269	273	V
2	* 5.14594	46.78	Pk	34.3	-21	60.08	-	-	74	-13.92	269	273	V
3	* 5.14999	37.3	RMS	34.4	-20.9	50.8	54	-3.2	-	-	269	273	V
4	* 5.14987	37.79	RMS	34.4	-20.9	51.29	54	-2.71	-	-	269	273	V

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

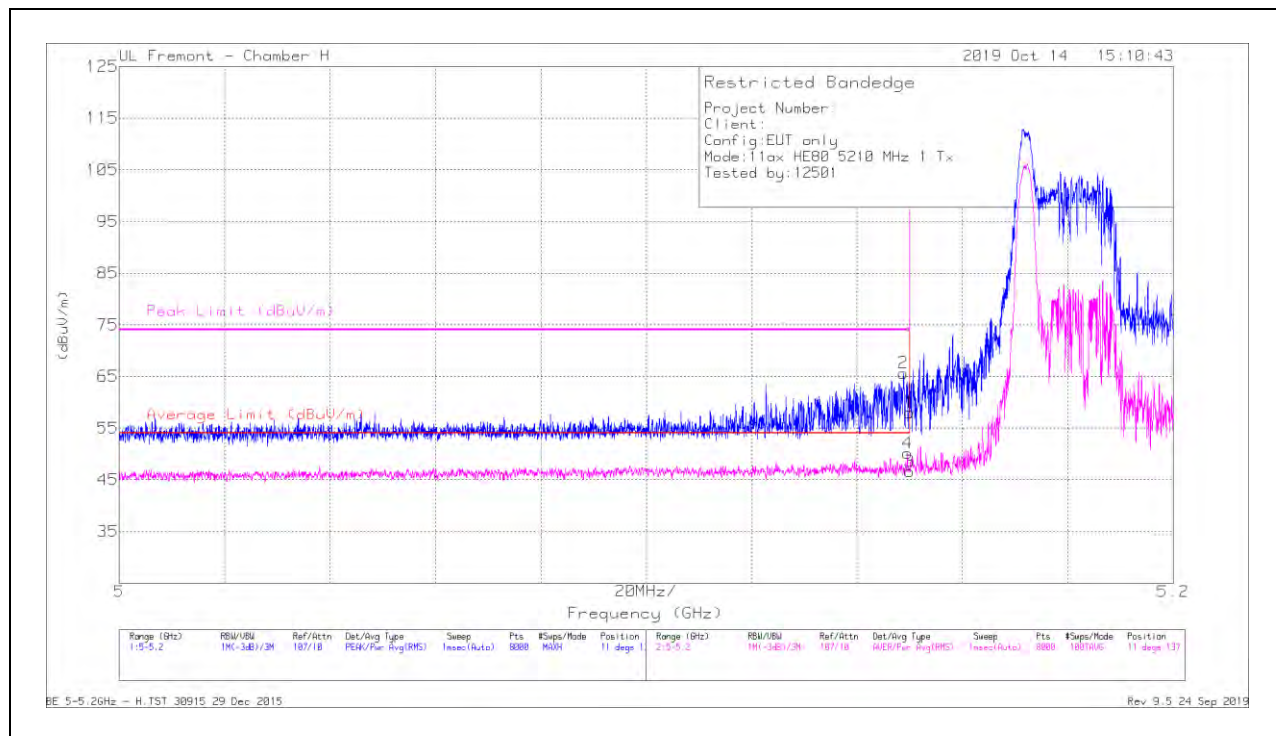
Pk - Peak detector

RMS - RMS detection

1TX UAT2 MODE – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



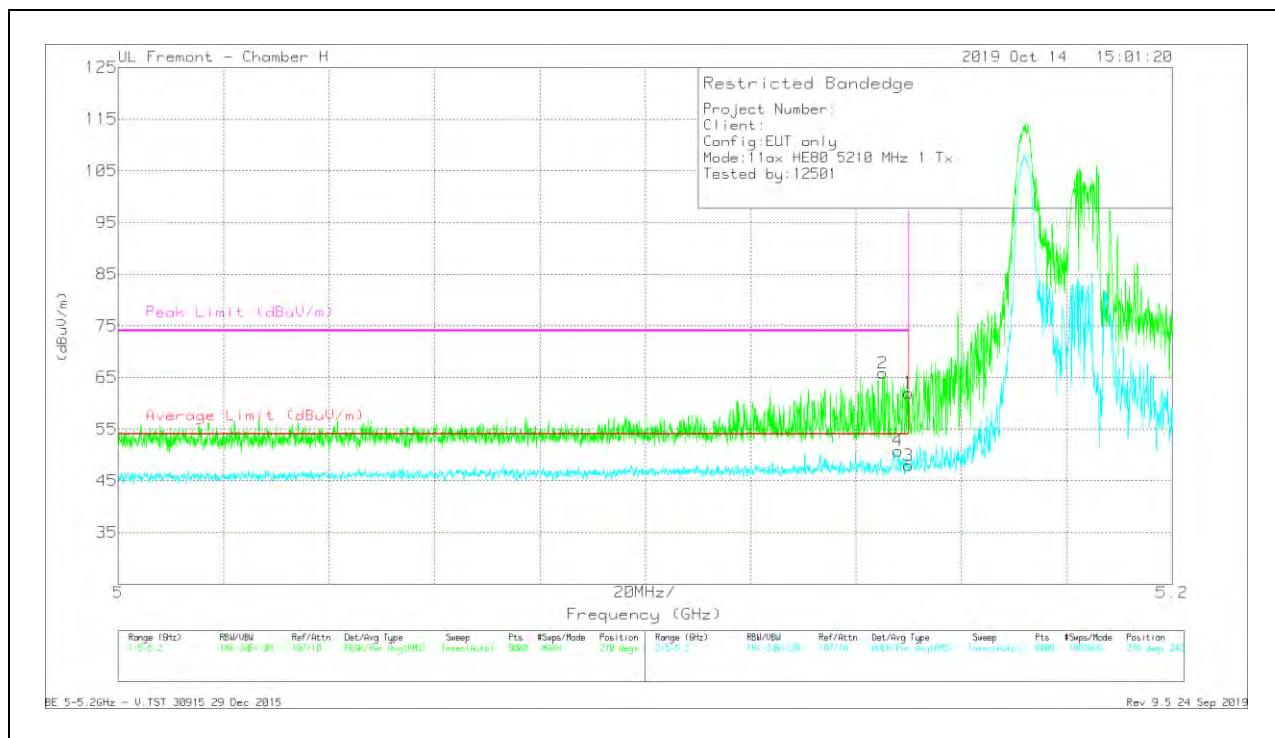
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.53	Pk	34.4	-20.9	58.03	-	-	74	-15.97	11	137	H
2	* 5.14877	52.36	Pk	34.3	-21	65.66	-	-	74	-8.34	11	137	H
3	* 5.14999	33.1	RMS	34.4	-20.9	46.6	54	-7.4	-	-	11	137	H
4	* 5.14957	36.63	RMS	34.4	-20.9	50.13	54	-3.87	-	-	11	137	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/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	* 5.14999	48.47	Pk	34.4	-20.9	61.97	-	-	74	-12.03	270	242	V
2	* 5.14504	52.53	Pk	34.3	-21	65.83	-	-	74	-8.17	270	242	V
3	* 5.14999	34.45	RMS	34.4	-20.9	47.95	54	-6.05	-	-	270	242	V
4	* 5.14794	37.51	RMS	34.3	-21	50.81	54	-3.19	-	-	270	242	V

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

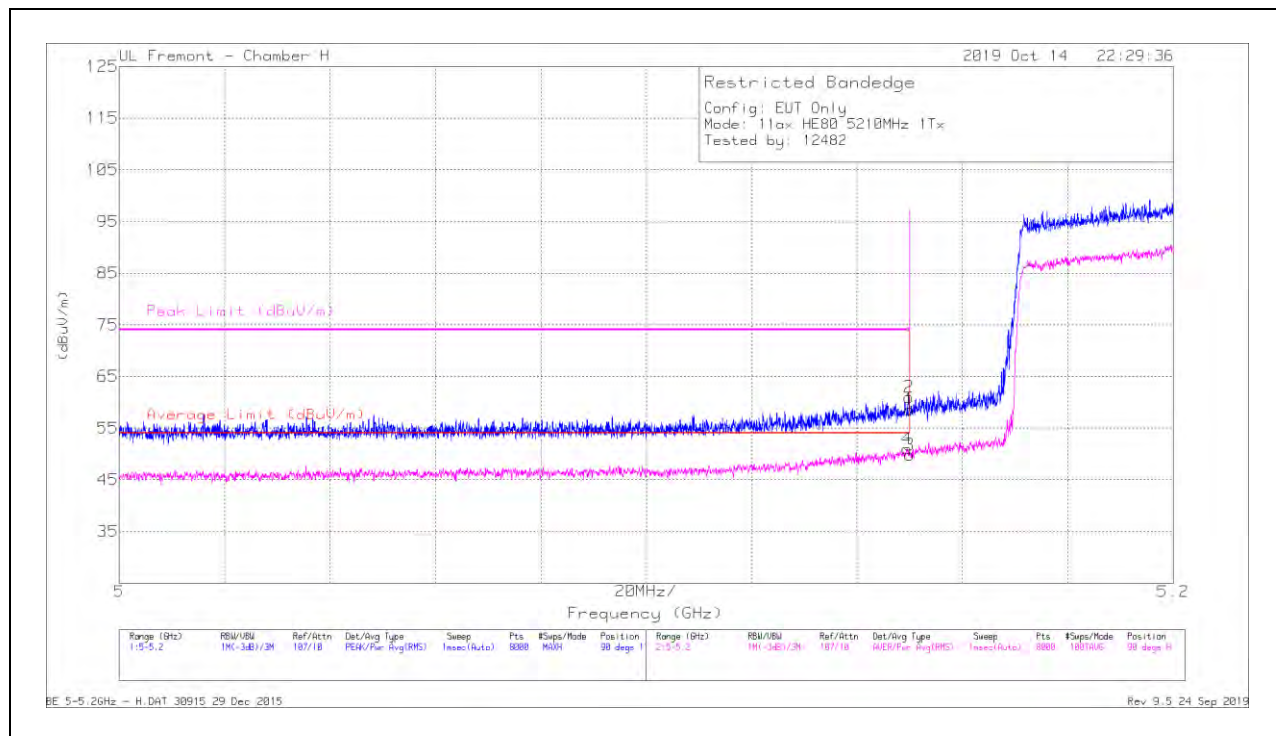
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



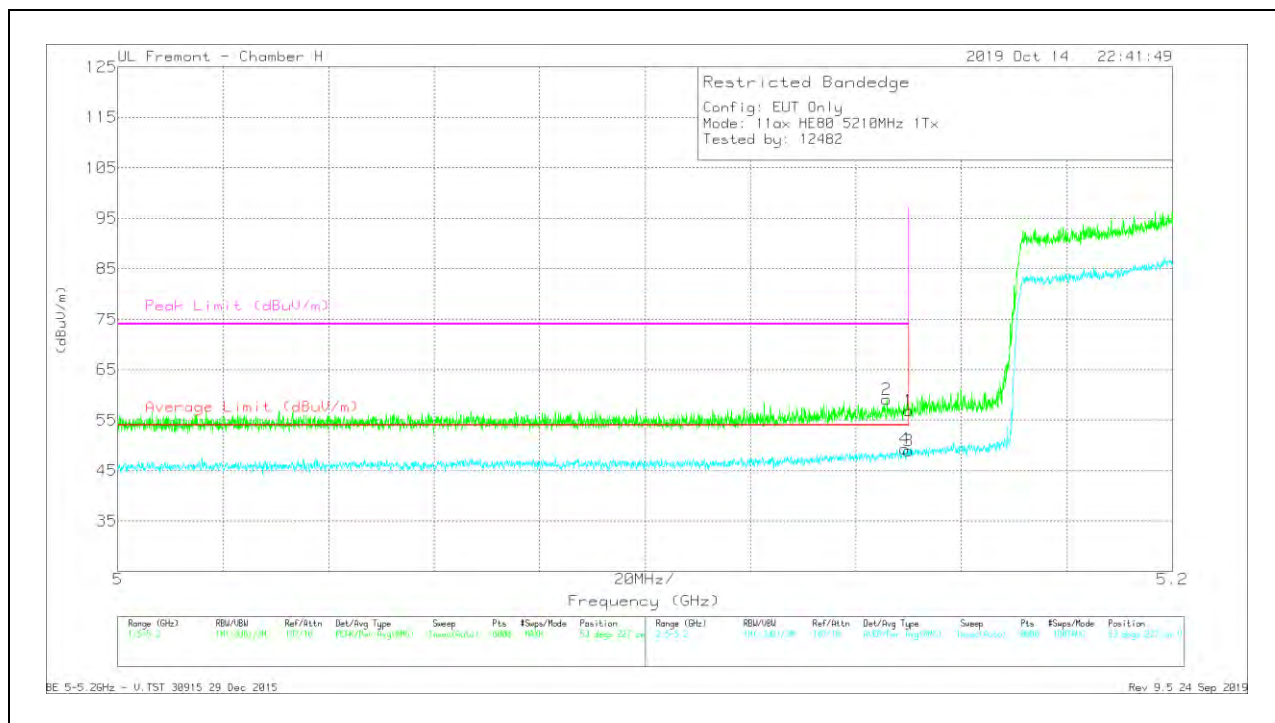
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	45.09	Pk	34.4	-20.9	58.59	-	-	74	-15.41	90	178	H
2	* 5.14987	47.5	Pk	34.4	-20.9	61	-	-	74	-13	90	178	H
3	* 5.14999	36.31	RMS	34.4	-20.9	49.81	54	-4.19	-	-	90	178	H
4	* 5.14944	37.58	RMS	34.4	-21	50.98	54	-3.02	-	-	90	178	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/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	* 5.14999	43.35	Pk	34.4	-20.9	56.85	-	-	74	-17.15	53	227	V
2	* 5.14584	45.76	Pk	34.3	-21	59.06	-	-	74	-14.94	53	227	V
3	* 5.14999	35.43	RMS	34.4	-20.9	48.93	54	-5.07	-	-	53	227	V
4	* 5.14922	35.86	RMS	34.4	-21	49.26	54	-4.74	-	-	53	227	V

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

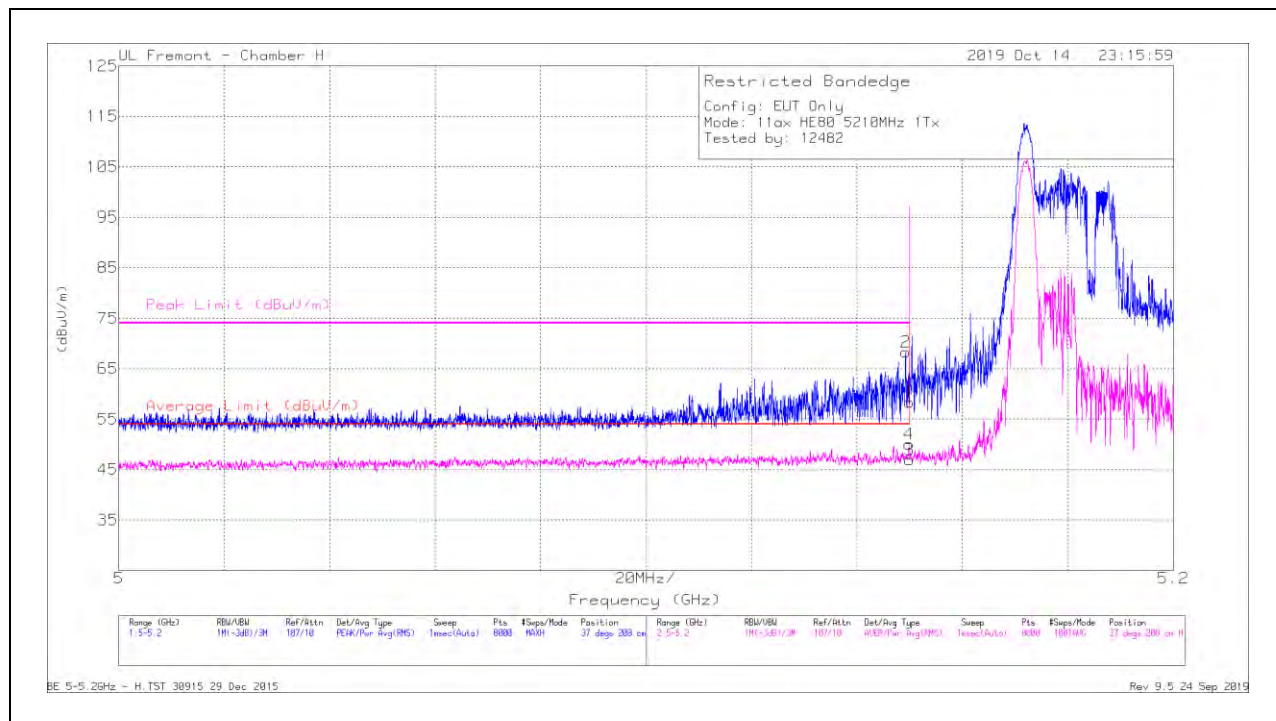
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



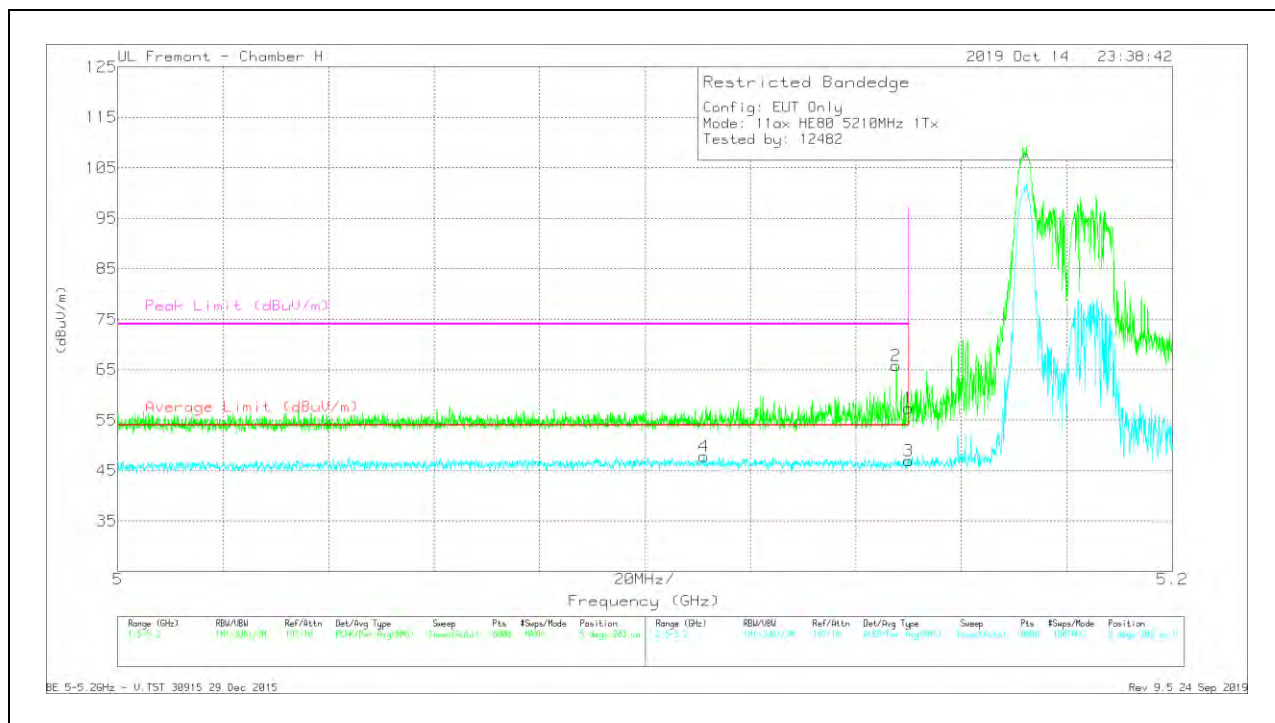
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.87	Pk	34.4	-20.9	58.37	-	-	74	-15.63	37	208	H
2	* 5.14922	54.94	Pk	34.4	-21	68.34	-	-	74	-5.66	37	208	H
3	* 5.14999	33.47	RMS	34.4	-20.9	46.97	54	-7.03	-	-	37	208	H
4	* 5.14984	36.51	RMS	34.4	-20.9	50.01	54	-3.99	-	-	37	208	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/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	* 5.14999	43.87	Pk	34.4	-20.9	57.37	-	-	74	-16.63	5	203	V
2	* 5.14764	52.5	Pk	34.3	-21	65.8	-	-	74	-8.2	5	203	V
3	* 5.14999	33.43	RMS	34.4	-20.9	46.93	54	-7.07	-	-	5	203	V
4	* 5.11116	34.34	RMS	34.3	-20.8	47.84	54	-6.16	-	-	5	203	V

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

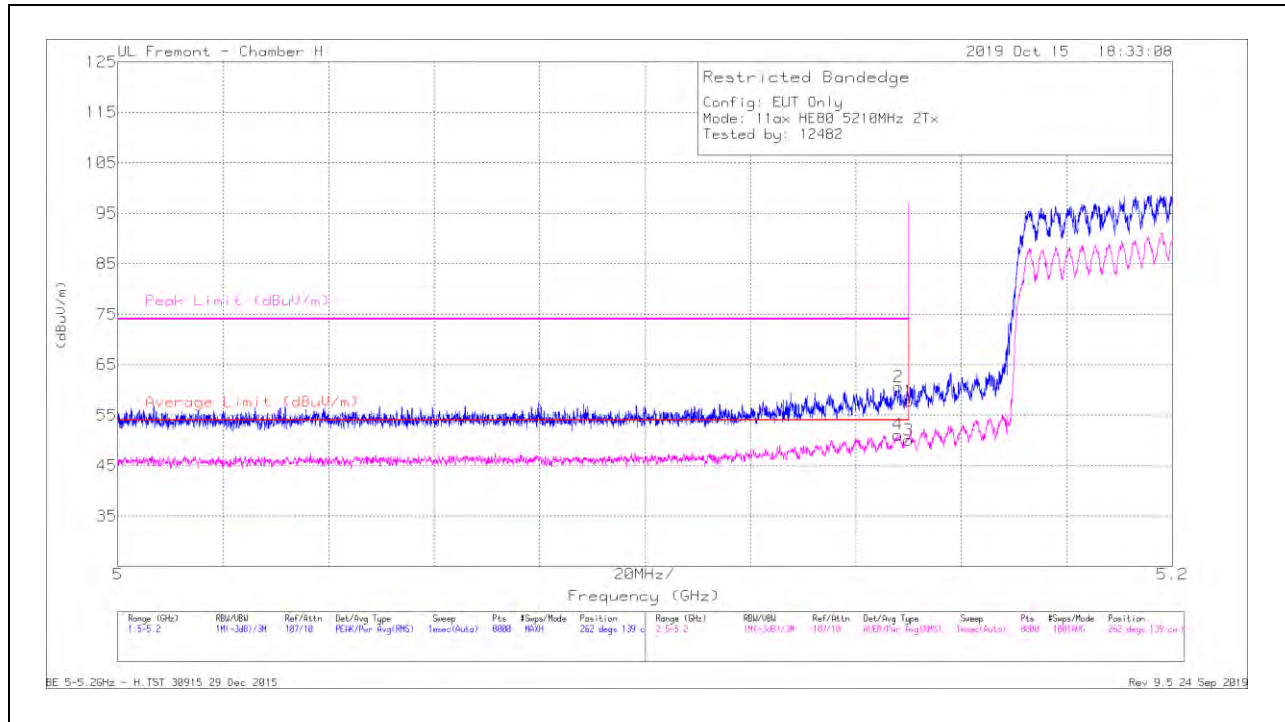
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 OFDMA MODE – 996 Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



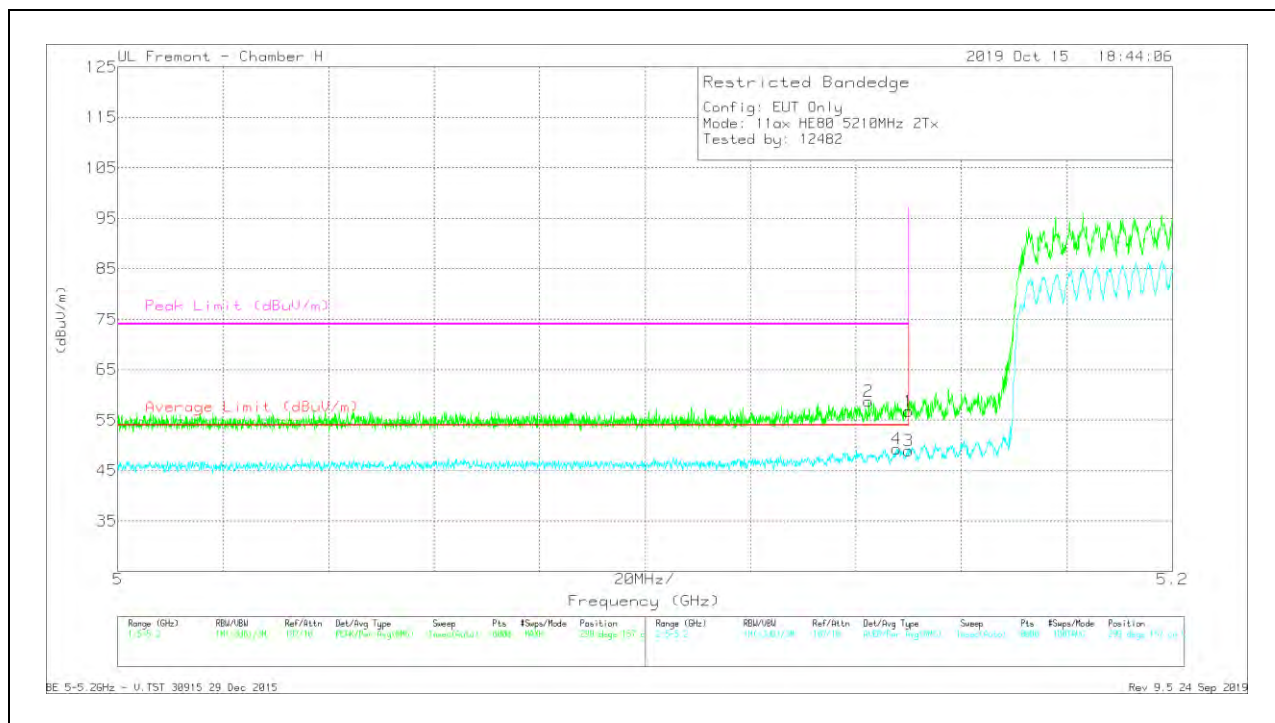
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.24	Pk	34.4	-20.9	57.74	-	-	74	-16.26	262	139	H
2	* 5.14809	47.33	Pk	34.3	-21	60.63	-	-	74	-13.37	262	139	H
3	* 5.14999	36.5	RMS	34.4	-20.9	50	54	-4	-	-	262	139	H
4	* 5.14792	37.8	RMS	34.3	-21	51.1	54	-2.9	-	-	262	139	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/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	* 5.14999	43.28	Pk	34.4	-20.9	56.78	-	-	74	-17.22	299	157	V
2	* 5.14239	45.39	Pk	34.3	-20.9	58.79	-	-	74	-15.21	299	157	V
3	* 5.14999	35.44	RMS	34.4	-20.9	48.94	54	-5.06	-	-	299	157	V
4	* 5.14774	36.04	RMS	34.3	-21	49.34	54	-4.66	-	-	299	157	V

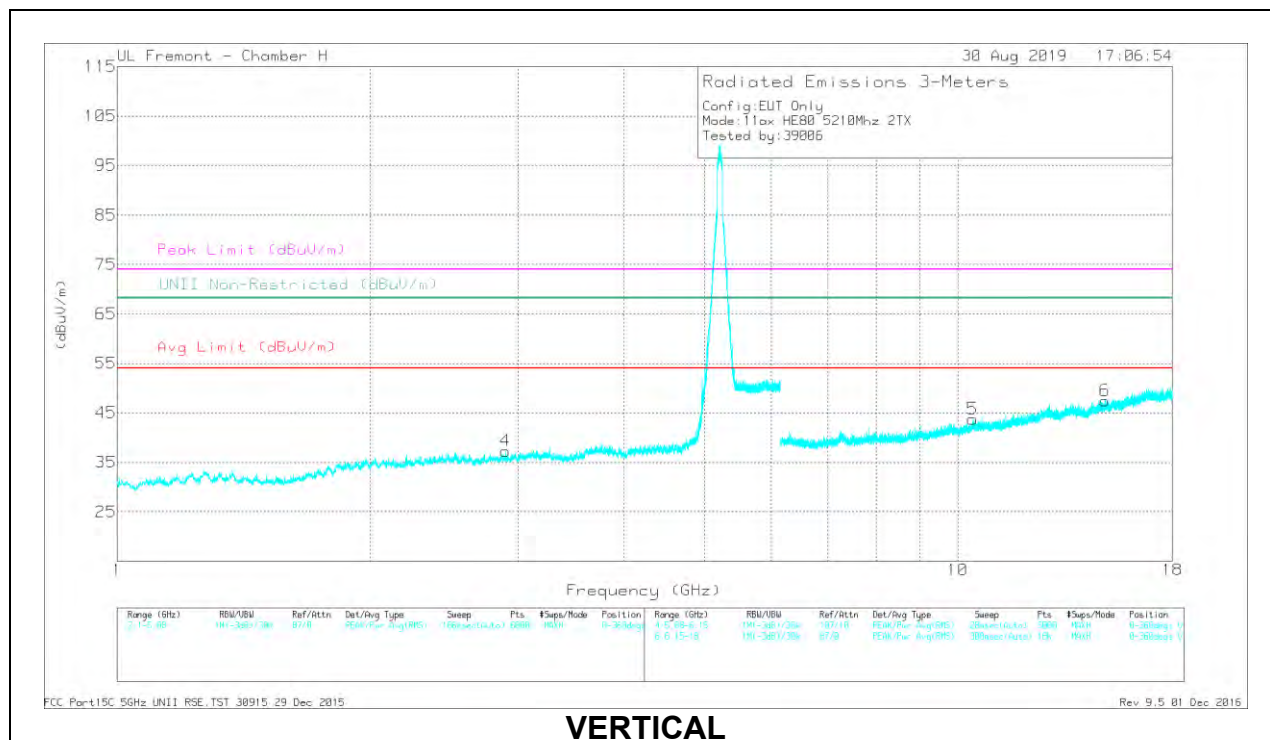
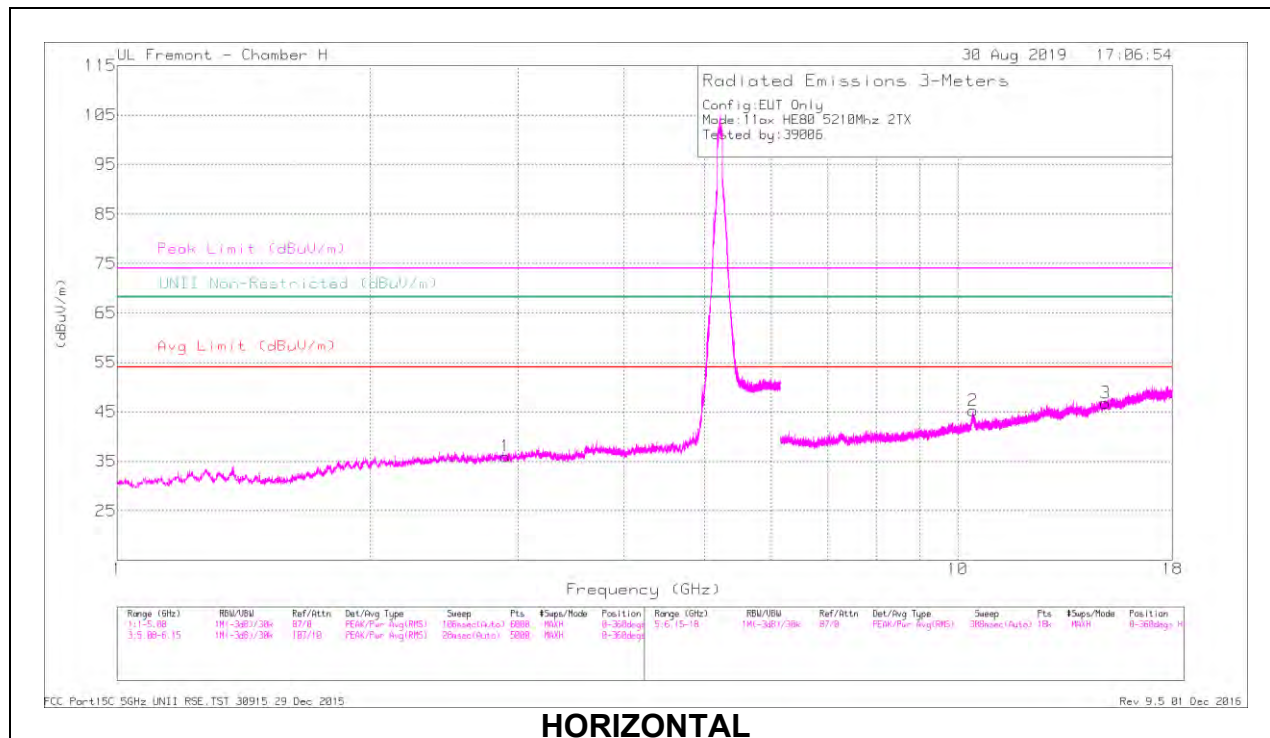
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb I/Filtr/Pa d (dB)	Correct ed Reading (dBuV/ m)	Avg Limit (dBuV/ m)	Margin (dB)	Peak Limit (dBuV/ m)	PK Margin (dB)	UNII Non- Restrict ed (dBuV/ m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.896	42.2	PK-U	32.6	-31.3	43.5	-	-	74	-30.5	-	-	61	201	H
	* 2.899	30.84	ADR	32.5	-31.3	32.04	54	-21.96	-	-	-	-	61	201	H
4	* 2.898	42.44	PK-U	32.5	-31.3	43.64	-	-	74	-30.36	-	-	71	150	V
	* 2.898	30.83	ADR	32.5	-31.3	32.03	54	-21.97	-	-	-	-	71	150	V
5	10.417	37.61	PK-U	37.4	-24	51.01	-	-	-	-	68.2	-17.19	12	122	V
2	10.426	38.82	PK-U	37.4	-23.9	52.32	-	-	-	-	68.2	-15.88	238	230	H
6	14.974	35.99	PK-U	40.4	-22.2	54.19	-	-	-	-	68.2	-14.01	21	146	V
3	14.994	36.08	PK-U	40.4	-22.2	54.28	-	-	-	-	68.2	-13.92	250	200	H

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

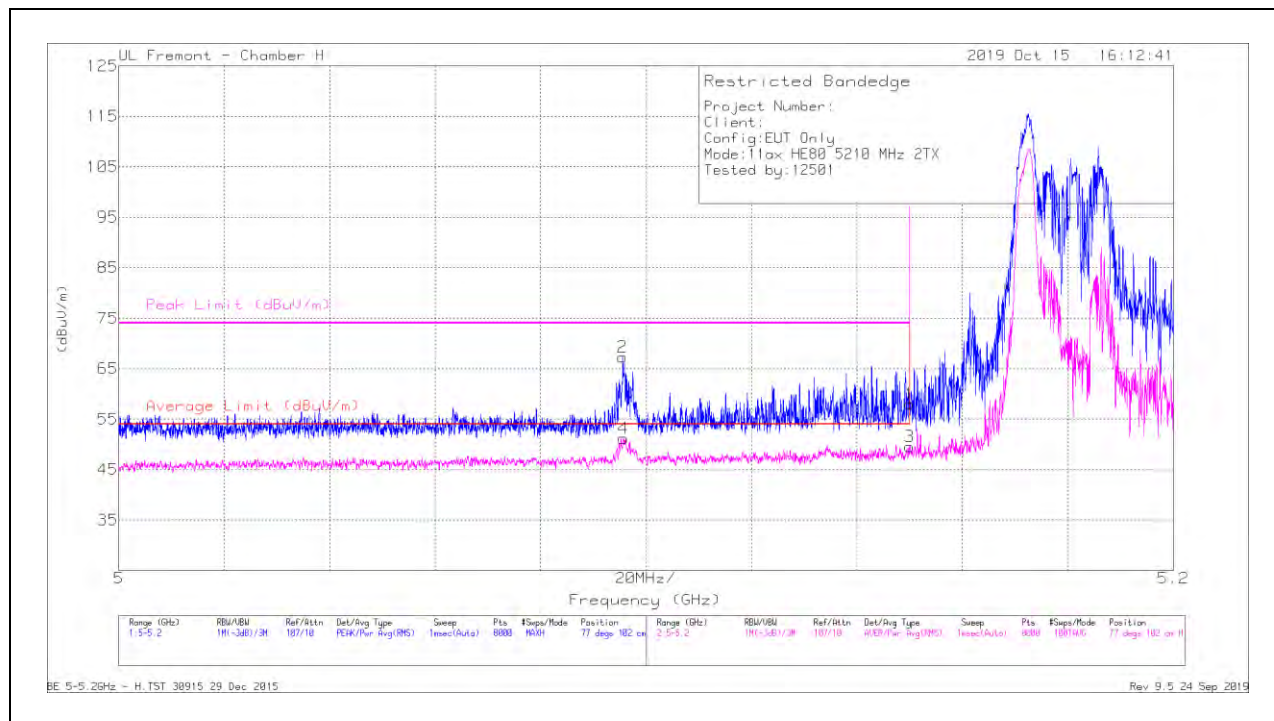
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX UAT2 + LAT3 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



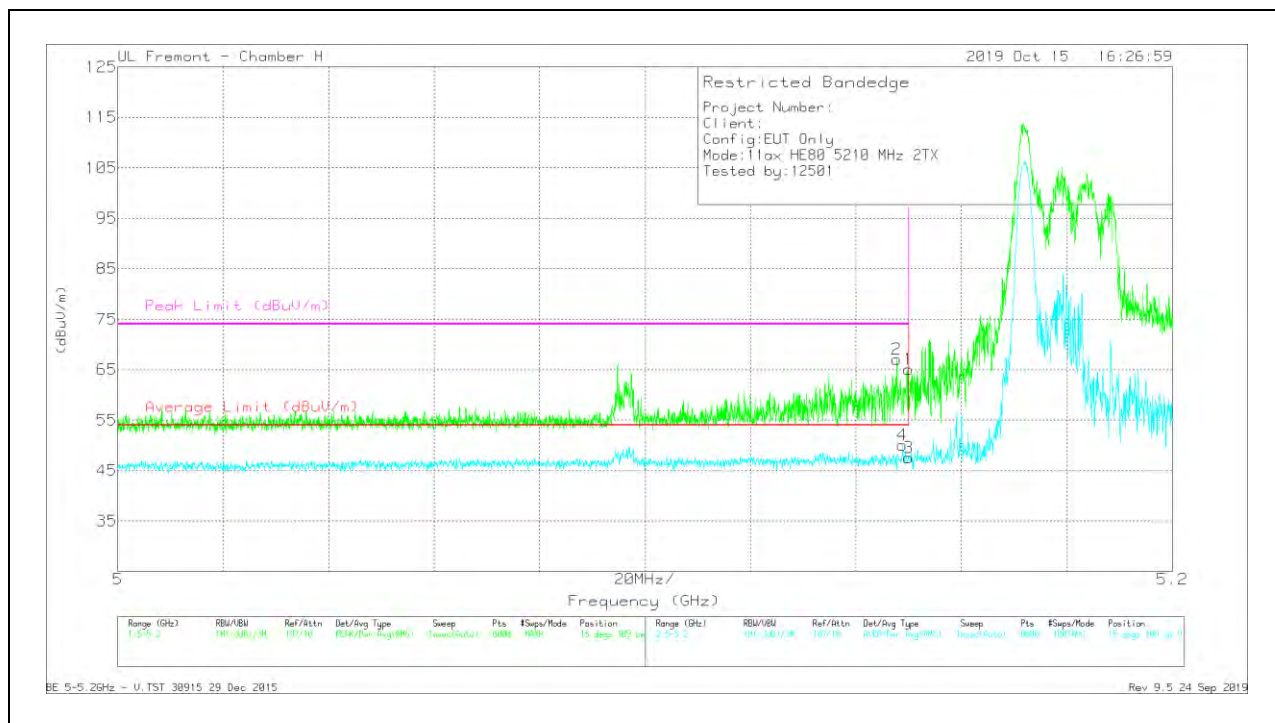
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.14999	44.5	Pk	34.4	-20.9	58	-	-	74	-16	77	102	H
2	* 5.09556	53.75	Pk	34.3	-20.8	67.25	-	-	74	-6.75	77	102	H
3	* 5.14999	36	RMS	34.4	-20.9	49.5	54	-4.5	-	-	77	102	H
4	* 5.09571	37.67	RMS	34.3	-20.8	51.17	54	-2.83	-	-	77	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	AF T863 (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	* 5.14999	51.51	Pk	34.4	-20.9	65.01	-	-	74	-8.99	15	109	V
2	* 5.14774	53.8	Pk	34.3	-21	67.1	-	-	74	-6.9	15	109	V
3	* 5.14999	34.03	RMS	34.4	-20.9	47.53	54	-6.47	-	-	15	109	V
4	* 5.14877	36.69	RMS	34.3	-21	49.99	54	-4.01	-	-	15	109	V

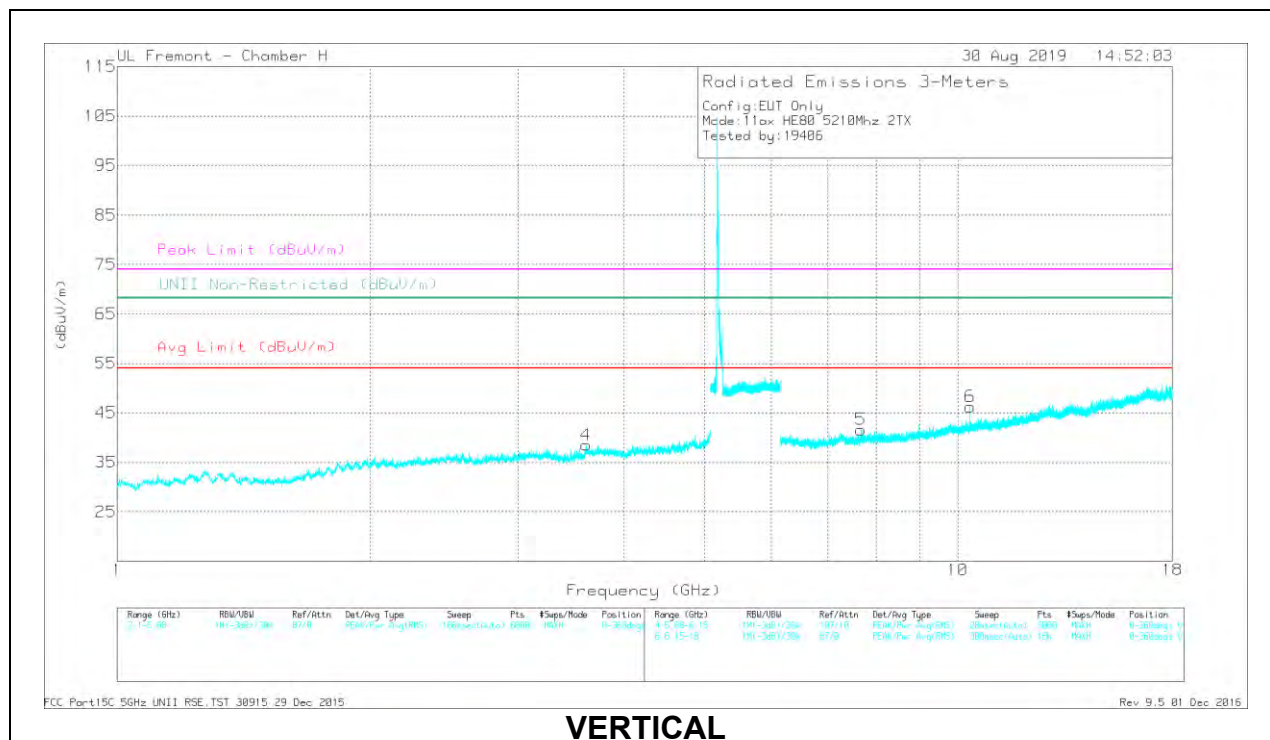
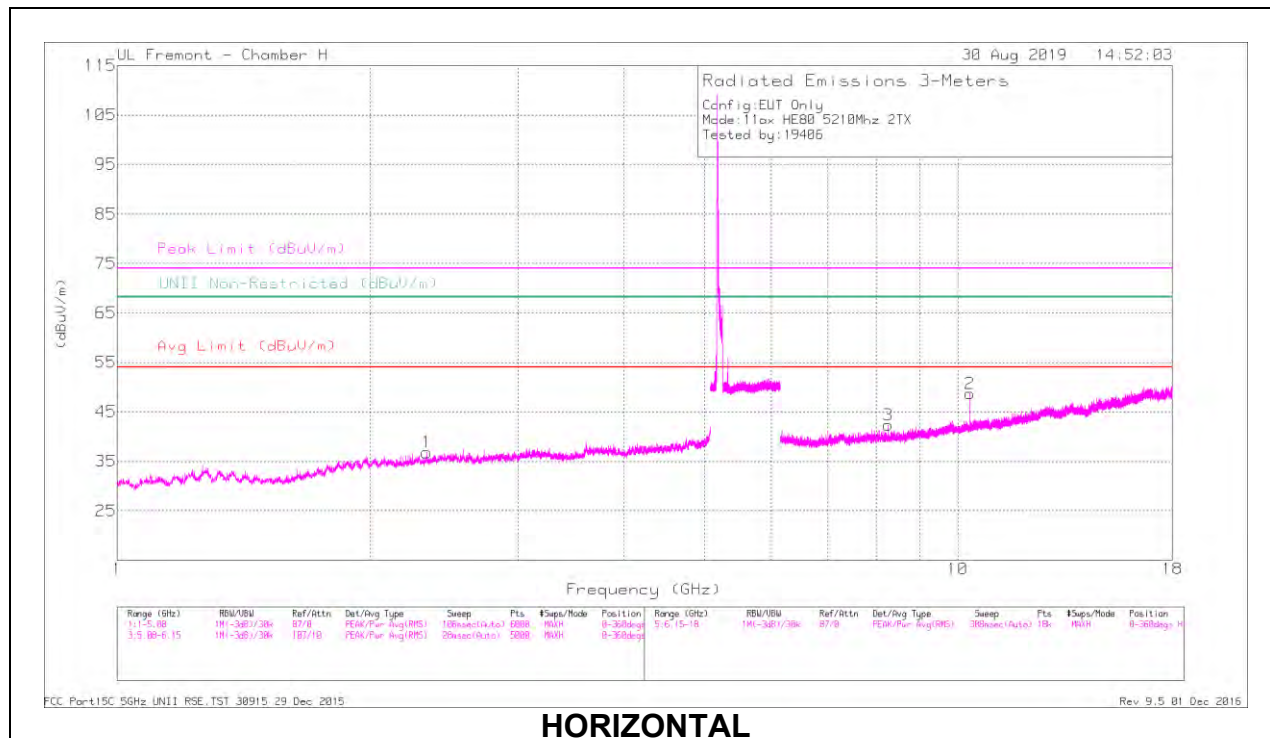
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequen cy (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	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- Restrict ed (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.335	43.64	PK-U	31.9	-32	43.54	-	-	74	-30.46	-	-	14	178	H
	* 2.335	31.31	ADR	31.9	-32	31.21	54	-22.79	-	-	-	-	14	178	H
4	* 3.614	42.43	PK-U	33.1	-31	44.53	-	-	74	-29.47	-	-	133	147	V
	* 3.614	30.2	ADR	33.1	-31	32.3	54	-21.7	-	-	-	-	133	147	V
3	* 8.264	37.96	PK-U	36.1	-26.2	47.86	-	-	74	-26.14	-	-	347	393	H
	* 8.263	26.14	ADR	36.1	-26.2	36.04	54	-17.96	-	-	-	-	347	393	H
5	* 7.67	39.36	PK-U	36.2	-27.7	47.86	-	-	74	-26.14	-	-	77	245	V
	* 7.668	27.03	ADR	36.2	-27.6	35.63	54	-18.37	-	-	-	-	77	245	V
2	10.344	44.65	PK-U	37.3	-23.9	58.05	-	-	-	-	68.2	-10.15	76	226	H
6	10.344	41.67	PK-U	37.3	-23.9	55.07	-	-	-	-	68.2	-13.13	168	130	V

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

PK-U - U-NII: Maximum Peak

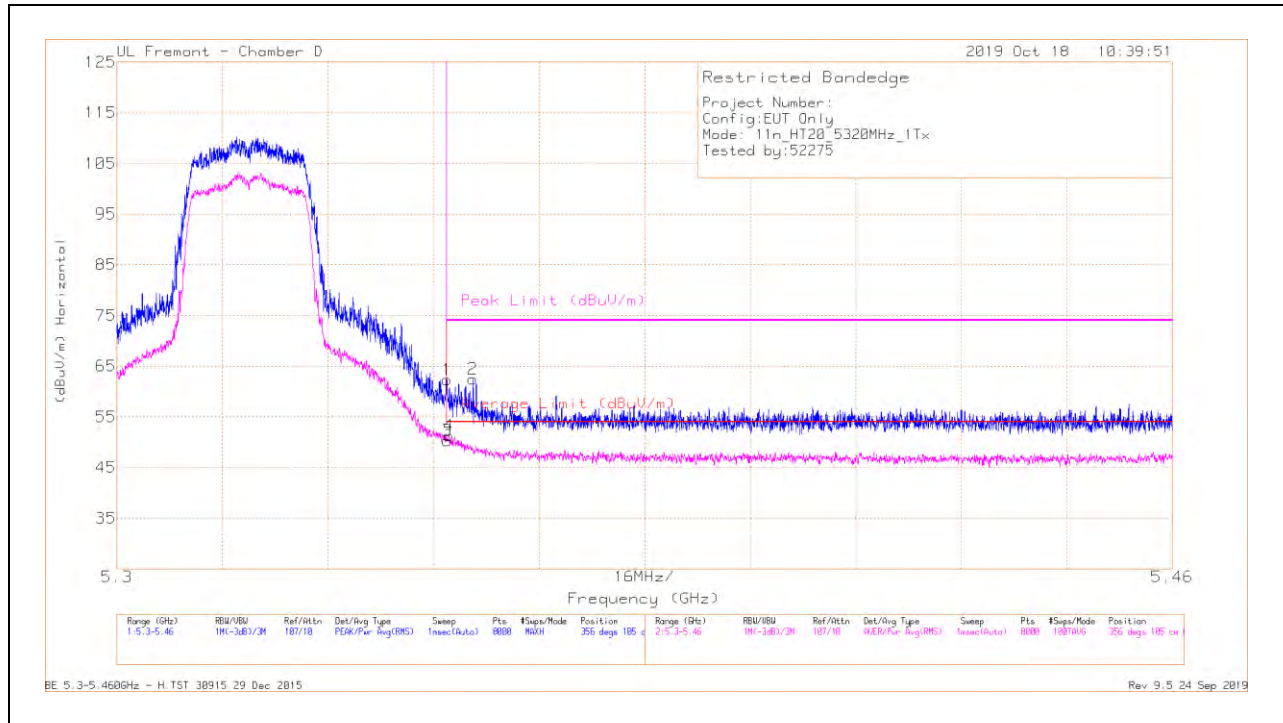
ADR - U-NII AD primary method, RMS average

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

1TX UAT2 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



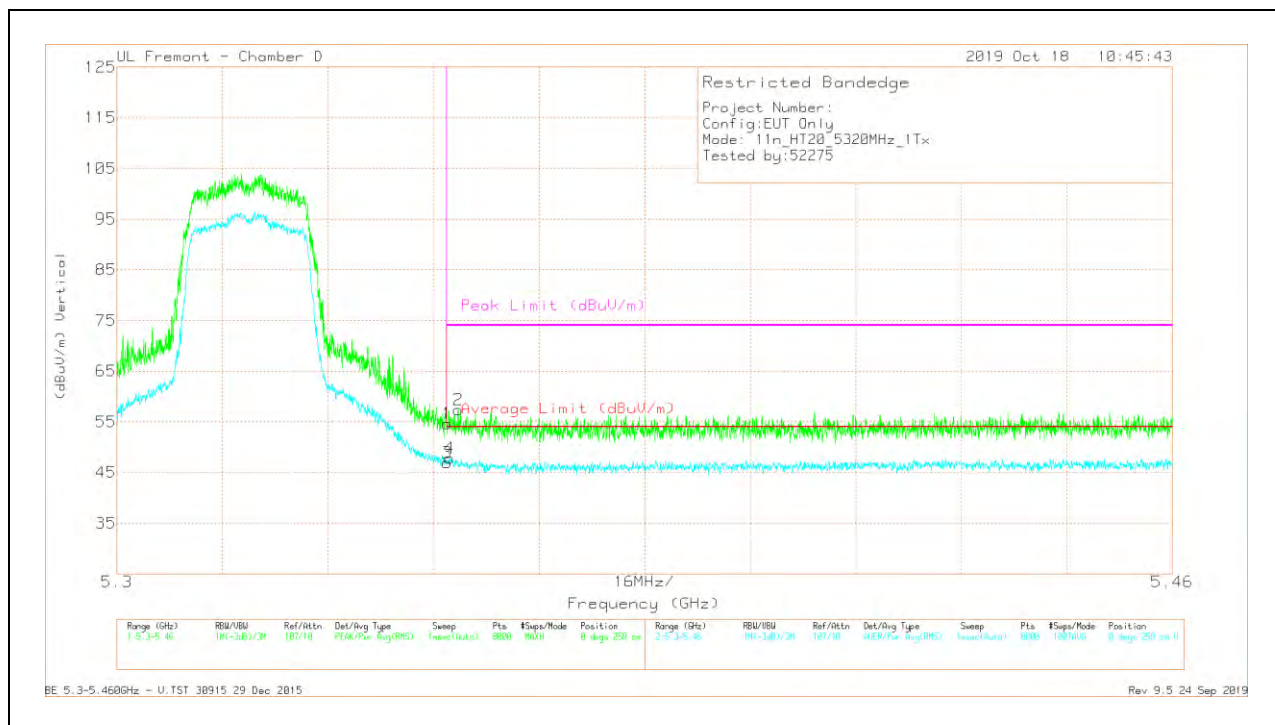
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	46.47	Pk	34.3	-18.4	62.37	-	-	74	-11.63	356	105	H
2	* 5.35397	46.55	Pk	34.3	-18.4	62.45	-	-	74	-11.55	356	105	H
3	* 5.35001	34.4	RMS	34.3	-18.4	50.3	54	-3.7	-	-	356	105	H
4	* 5.35035	35.34	RMS	34.3	-18.4	51.24	54	-2.76	-	-	356	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 T712 (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	* 5.35001	38.73	Pk	34.3	-18.4	54.63	-	-	74	-19.37	0	258	V
2	* 5.35173	41.47	Pk	34.3	-18.4	57.37	-	-	74	-16.63	0	258	V
3	* 5.35001	31.09	RMS	34.3	-18.4	46.99	54	-7.01	-	-	0	258	V
4	* 5.35047	31.88	RMS	34.3	-18.4	47.78	54	-6.22	-	-	0	258	V

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

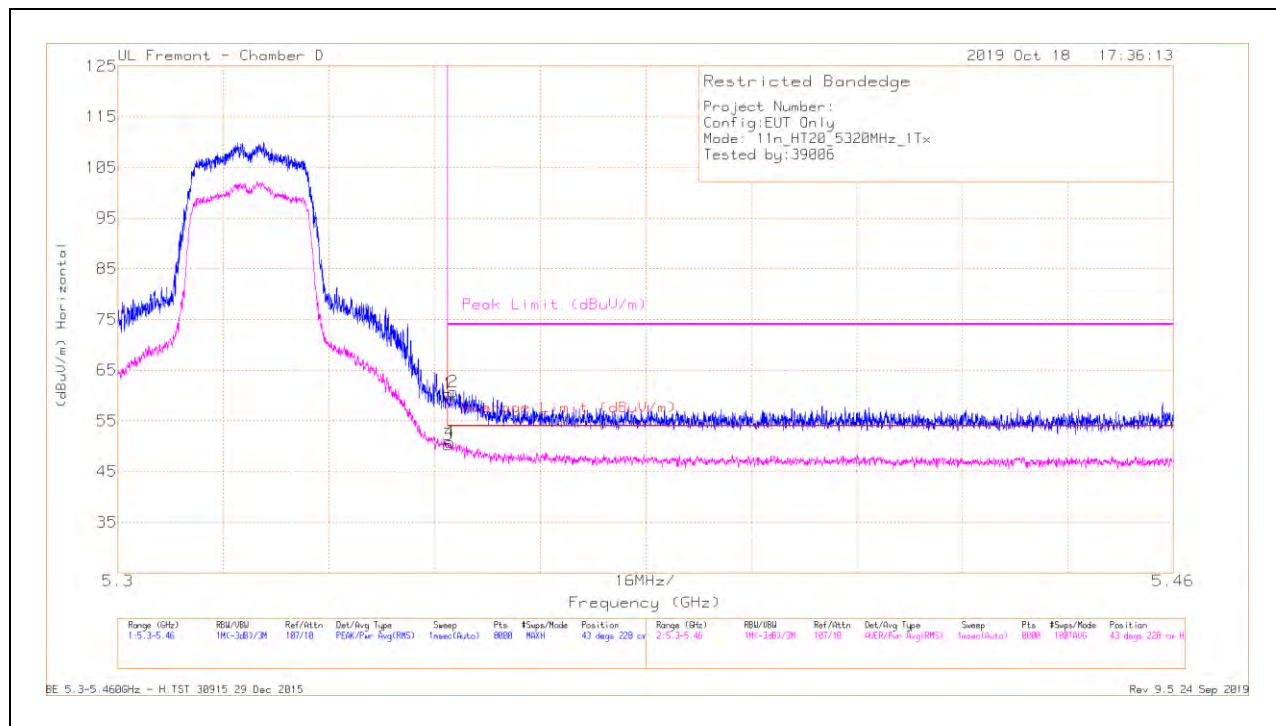
Pk - Peak detector

RMS - RMS detection

1TX LAT3 MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



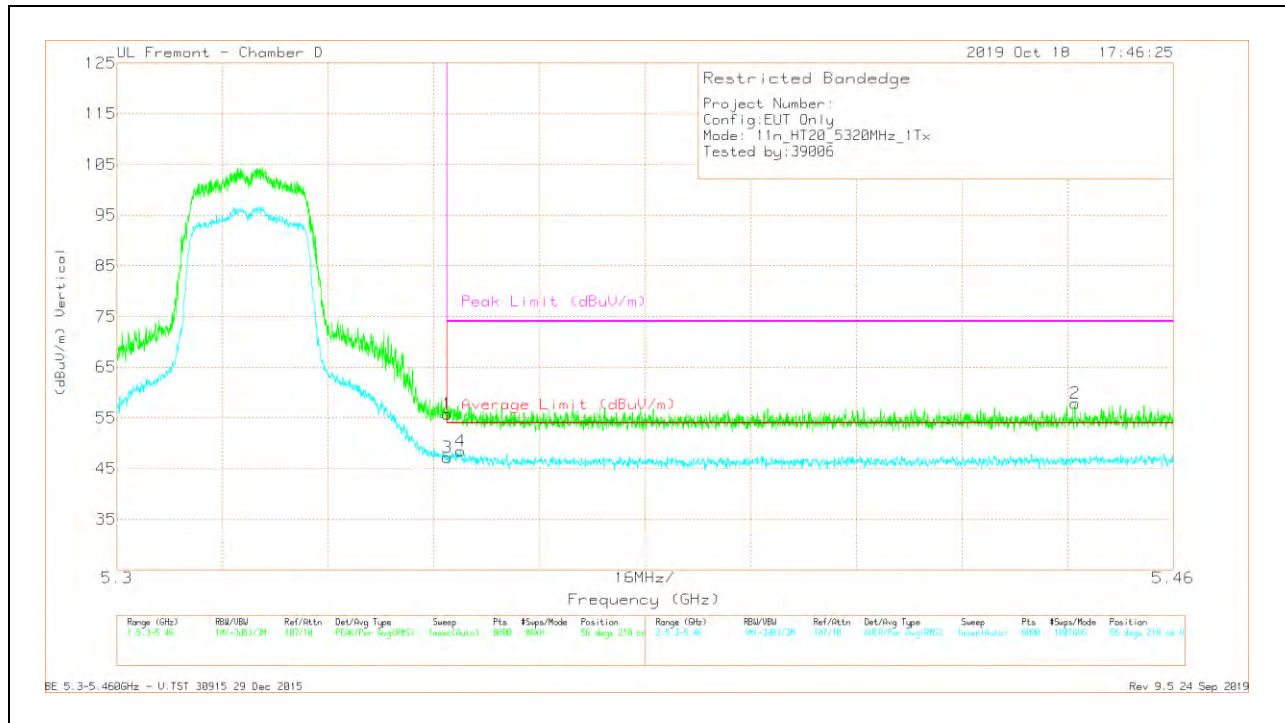
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	44.46	Pk	34.3	-18.4	60.36	-	-	74	-13.64	43	228	H
2	* 5.35081	44.81	Pk	34.3	-18.4	60.71	-	-	74	-13.29	43	228	H
3	* 5.35001	34.36	RMS	34.3	-18.4	50.26	54	-3.74	-	-	43	228	H
4	* 5.35033	34.84	RMS	34.3	-18.4	50.74	54	-3.26	-	-	43	228	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 T712 (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	* 5.35001	39.8	Pk	34.3	-18.4	55.7	-	-	74	-18.3	56	218	V
2	* 5.44512	41.68	Pk	34.3	-18.1	57.88	-	-	74	-16.12	56	218	V
3	* 5.35001	31.24	RMS	34.3	-18.4	47.14	54	-6.86	-	-	56	218	V
4	* 5.35207	32.56	RMS	34.3	-18.4	48.46	54	-5.54	-	-	56	218	V

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

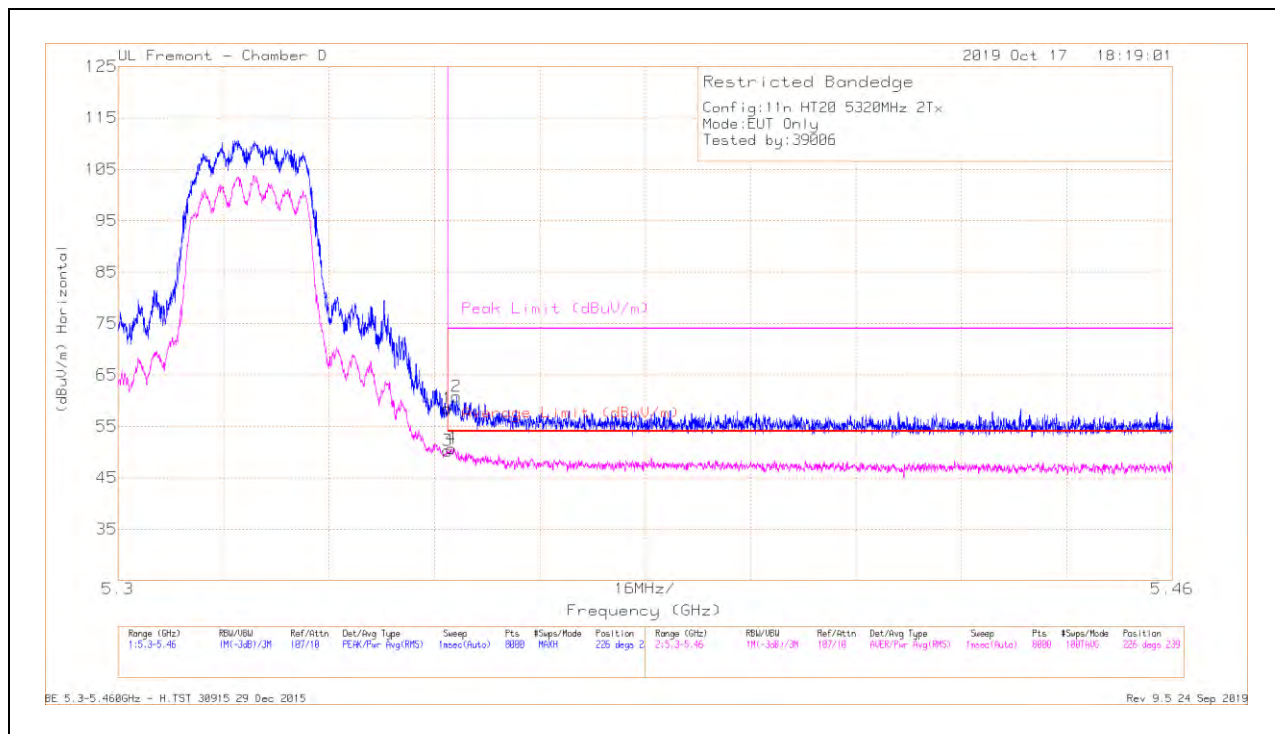
Pk - Peak detector

RMS - RMS detection

2TX UAT2 + LAT3 CDD MODE

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T712 (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	* 5.35001	42.61	Pk	34.3	-18.4	58.51	-	-	74	-15.49	226	239	H
2	* 5.35137	44.89	Pk	34.3	-18.4	60.79	-	-	74	-13.21	226	239	H
3	* 5.35001	34.39	RMS	34.3	-18.4	50.29	54	-3.71	-	-	226	239	H
4	* 5.35059	34.84	RMS	34.3	-18.4	50.74	54	-3.26	-	-	226	239	H

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

Pk - Peak detector

RMS - RMS detection