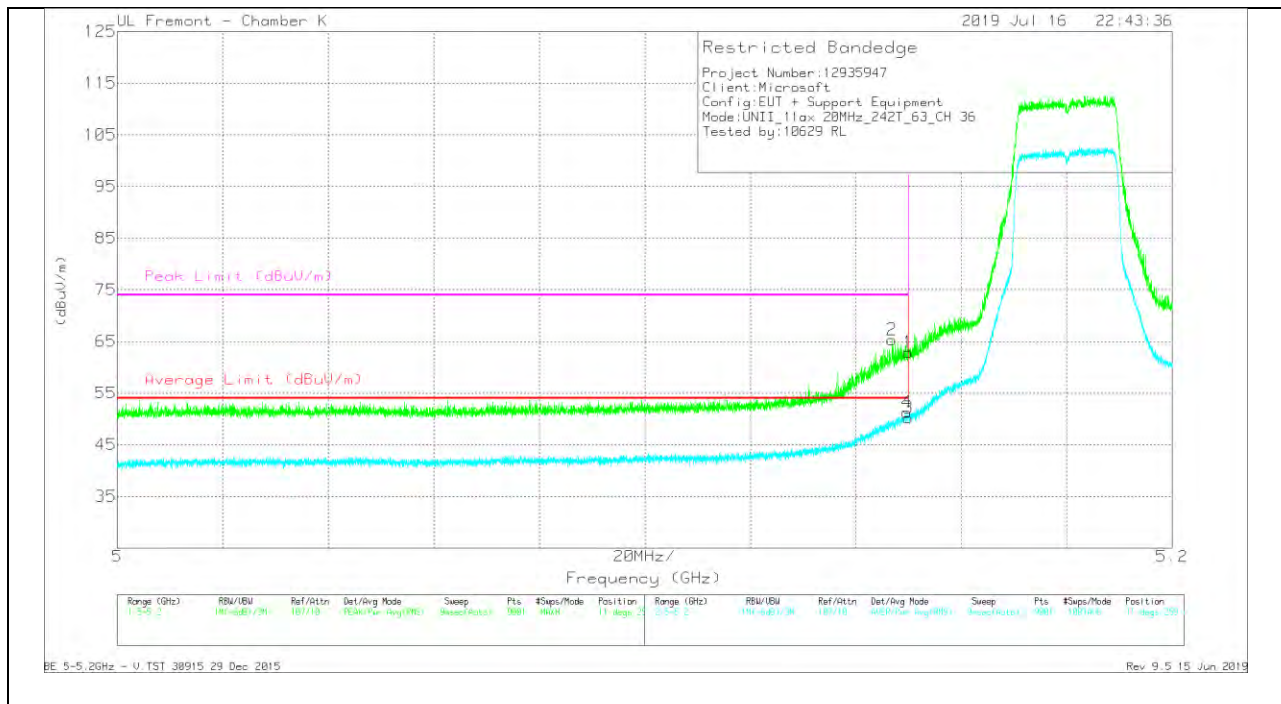


VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb1/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	48.8	Pk	34.2	-20.1	0	62.9	-	-	74	-11.1	11	259	V
2	* 5.14682	51.31	Pk	34.2	-20.2	0	65.31	-	-	74	-8.69	11	259	V
3	* 5.15	35.33	RMS	34.2	-20.1	0	49.43	54	-4.57	-	-	11	259	V
4	* 5.14969	36.42	RMS	34.2	-20.1	0	50.52	54	-3.48	-	-	11	259	V

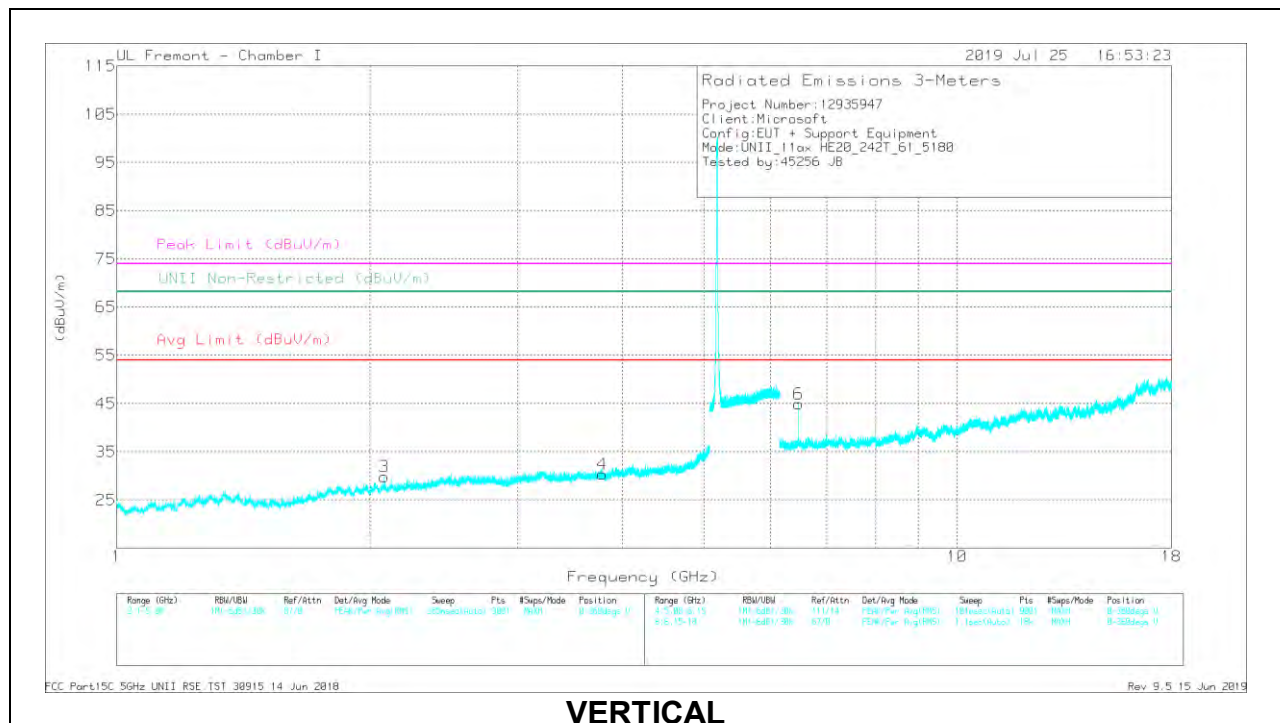
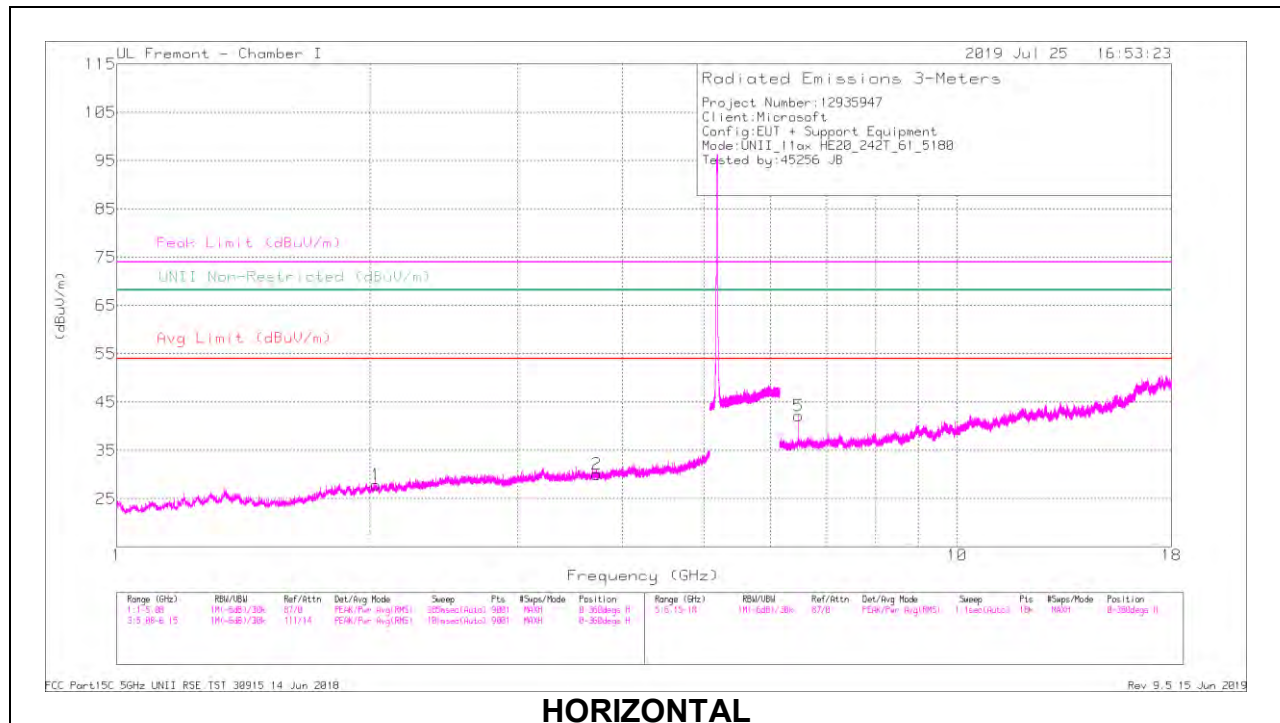
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/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
2	* 3.72454	33.73	PK-U	32.9	-29.3	0	37.33	-	-	74	-36.67	-	-	137	188	H
	* 3.72583	23.72	ADR	33	-29.3	0	27.42	54	-26.58	-	-	-	-	137	188	H
1	2.03429	36.09	PK-U	31	-32.1	0	34.99	-	-	-	-	68.2	-33.21	9	198	H
4	* 3.78284	33.68	PK-U	33	-29.6	0	37.08	-	-	74	-36.92	-	-	97	165	V
	* 3.78569	24.57	ADR	33	-29.6	0	27.97	54	-26.03	-	-	-	-	97	165	V
3	2.08385	36.33	PK-U	31.1	-32.2	0	35.23	-	-	-	-	68.2	-32.97	86	128	V
5	6.47496	30.27	PK-U	35.7	-21.1	0	44.87	-	-	-	-	68.2	-23.33	248	186	H
6	6.47502	35.14	PK-U	35.7	-21.1	0	49.74	-	-	-	-	68.2	-18.46	218	187	V

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

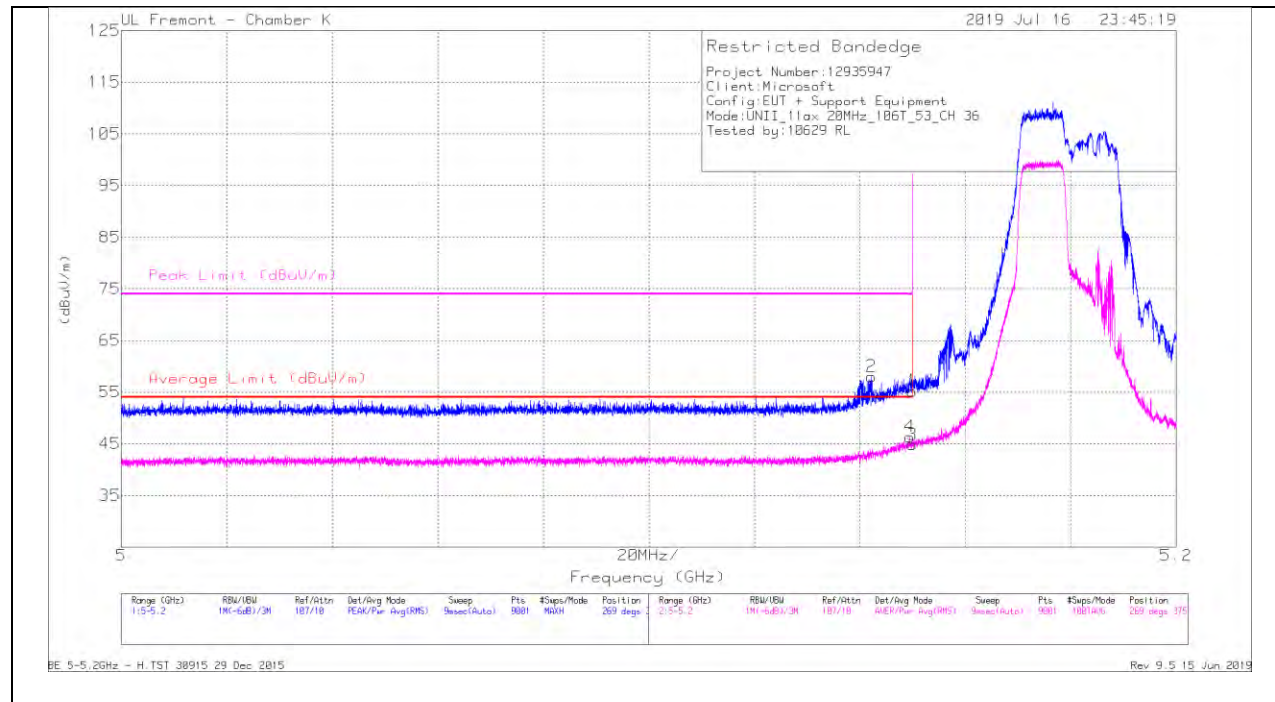
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	41.15	Pk	34.2	-20.1	0	55.25	-	-	74	-18.75	269	375	H
2	* 5.14222	44.01	Pk	34.2	-20.2	0	58.01	-	-	74	-15.99	269	375	H
3	* 5.15	29.92	RMS	34.2	-20.1	0	44.02	54	-9.98	-	-	269	375	H
4	* 5.14951	31.45	RMS	34.2	-20.1	0	45.55	54	-8.45	-	-	269	375	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/CbI/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	48.19	Pk	34.2	-20.1	0	62.29	-	-	74	-11.71	10	288	V
2	* 5.14958	50.78	Pk	34.2	-20.1	0	64.88	-	-	74	-9.12	10	288	V
3	* 5.15	34.68	RMS	34.2	-20.1	0	48.78	54	-5.22	-	-	10	288	V
4	* 5.14978	35.43	RMS	34.2	-20.1	0	49.53	54	-4.47	-	-	10	288	V

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

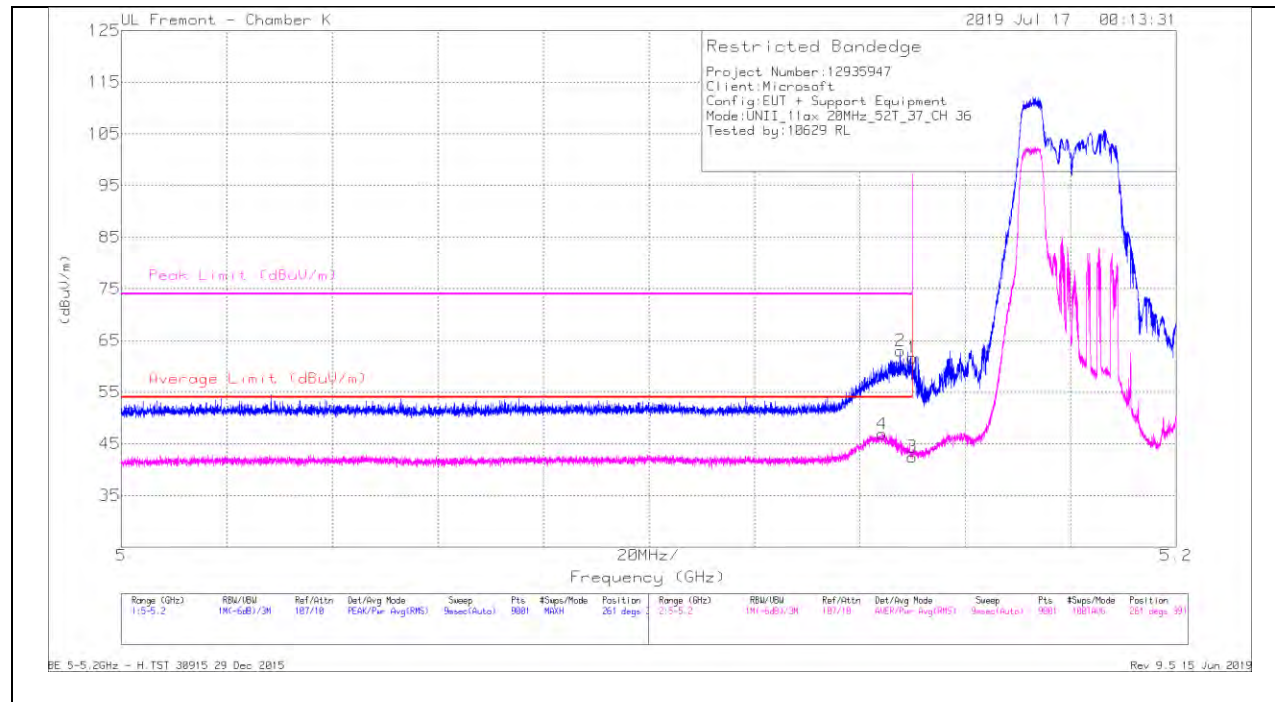
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

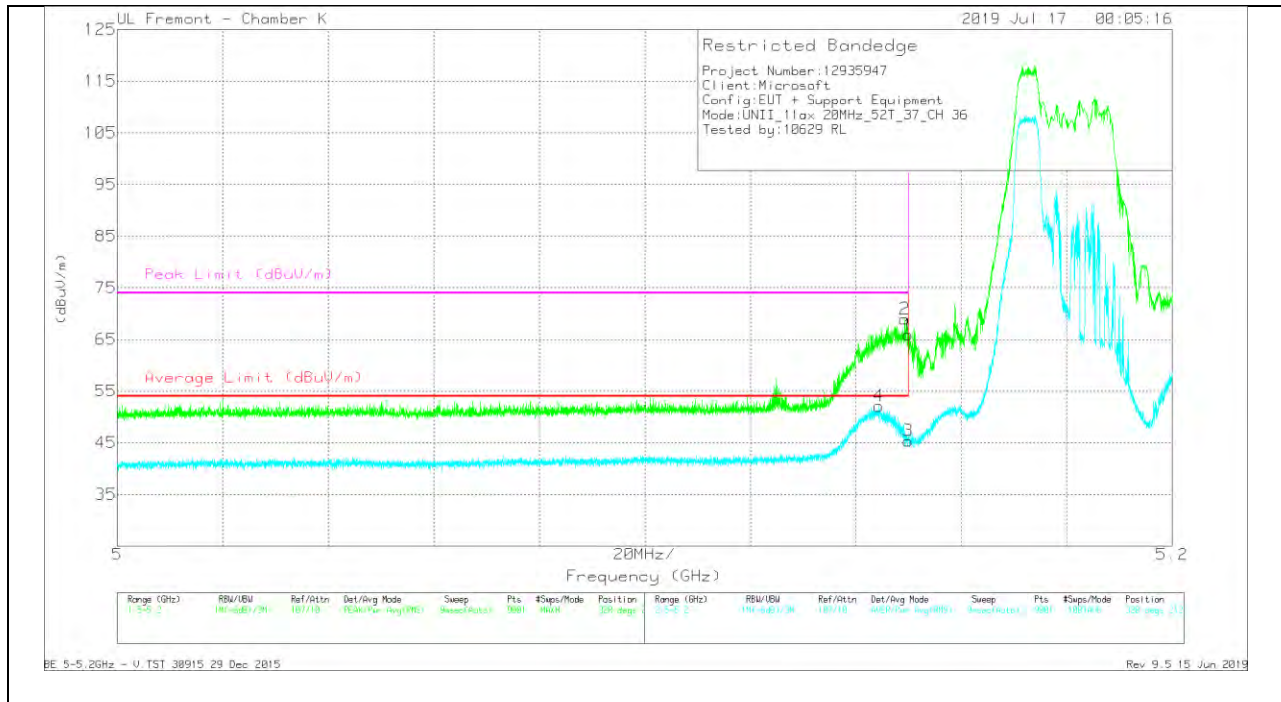
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	47.51	Pk	34.2	-20.1	0	61.61	-	-	74	-12.39	261	391	H
2	* 5.14771	48.91	Pk	34.2	-20.1	0	63.01	-	-	74	-10.99	261	391	H
3	* 5.15	27.52	RMS	34.2	-20.1	0	41.62	54	-12.38	-	-	261	391	H
4	* 5.14422	32.11	RMS	34.2	-20.2	0	46.11	54	-7.89	-	-	261	391	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/CbI/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	51.79	Pk	34.2	-20.1	0	65.89	-	-	74	-8.11	328	212	V
2	* 5.14929	54.86	Pk	34.2	-20.1	0	68.96	-	-	74	-5.04	328	212	V
3	* 5.15	30.48	RMS	34.2	-20.1	0	44.58	54	-9.42	-	-	328	212	V
4	* 5.14435	37.3	RMS	34.2	-20.2	0	51.3	54	-2.7	-	-	328	212	V

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

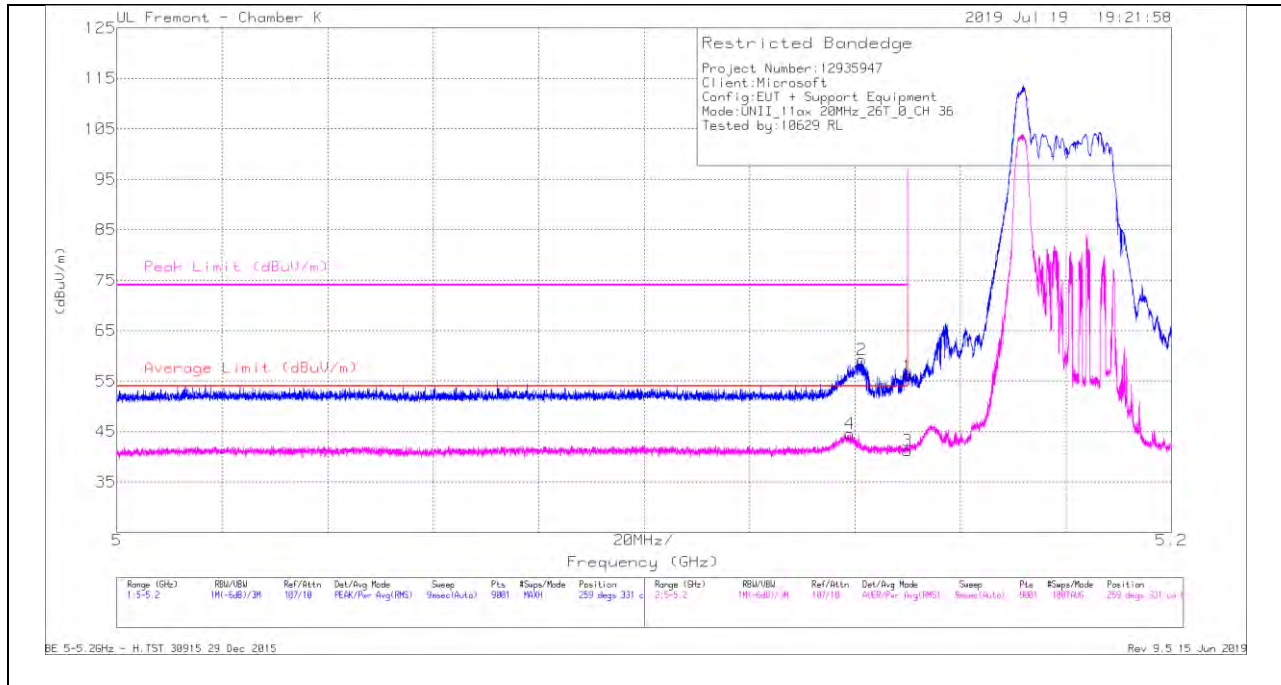
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

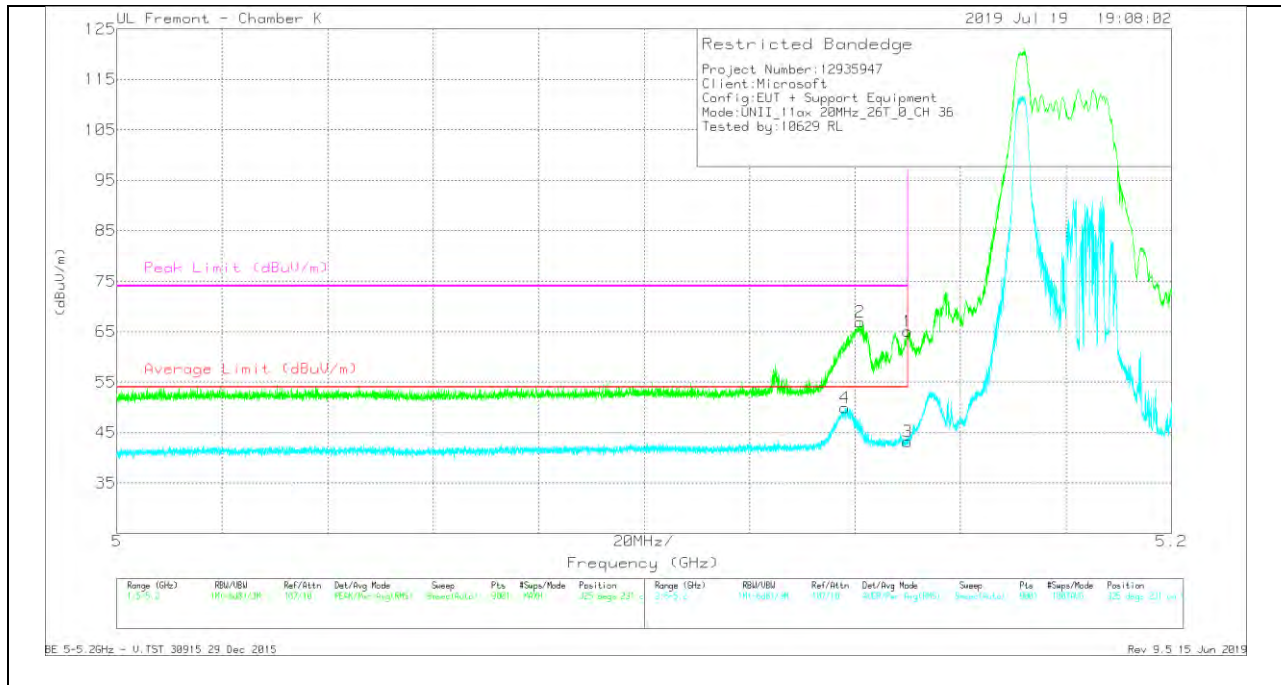
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	41.93	Pk	34.2	-20.1	0	56.03	-	-	74	-17.97	259	331	H
2	*5.14129	45.23	Pk	34.2	-20.2	0	59.23	-	-	74	-14.77	259	331	H
3	*5.15	27.17	RMS	34.2	-20.1	0	41.27	54	-12.73	-	-	259	331	H
4	*5.13907	30.45	RMS	34.3	-20.2	0	44.55	54	-9.45	-	-	259	331	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	51.01	Pk	34.2	-20.1	0	65.11	-	-	74	-8.89	325	231	V
2	* 5.14091	52.93	Pk	34.2	-20.2	0	66.93	-	-	74	-7.07	325	231	V
3	* 5.15	29.09	RMS	34.2	-20.1	0	43.19	54	-10.81	-	-	325	231	V
4	* 5.13807	35.86	RMS	34.3	-20.2	0	49.96	54	-4.04	-	-	325	231	V

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

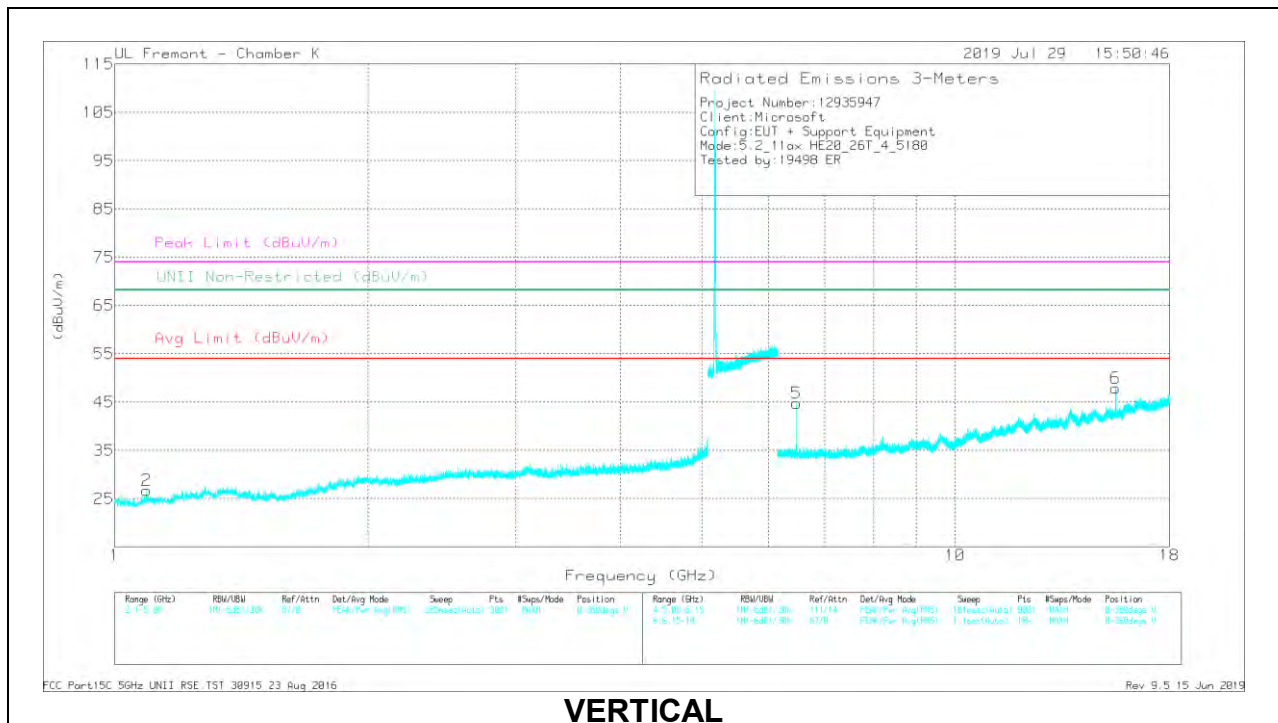
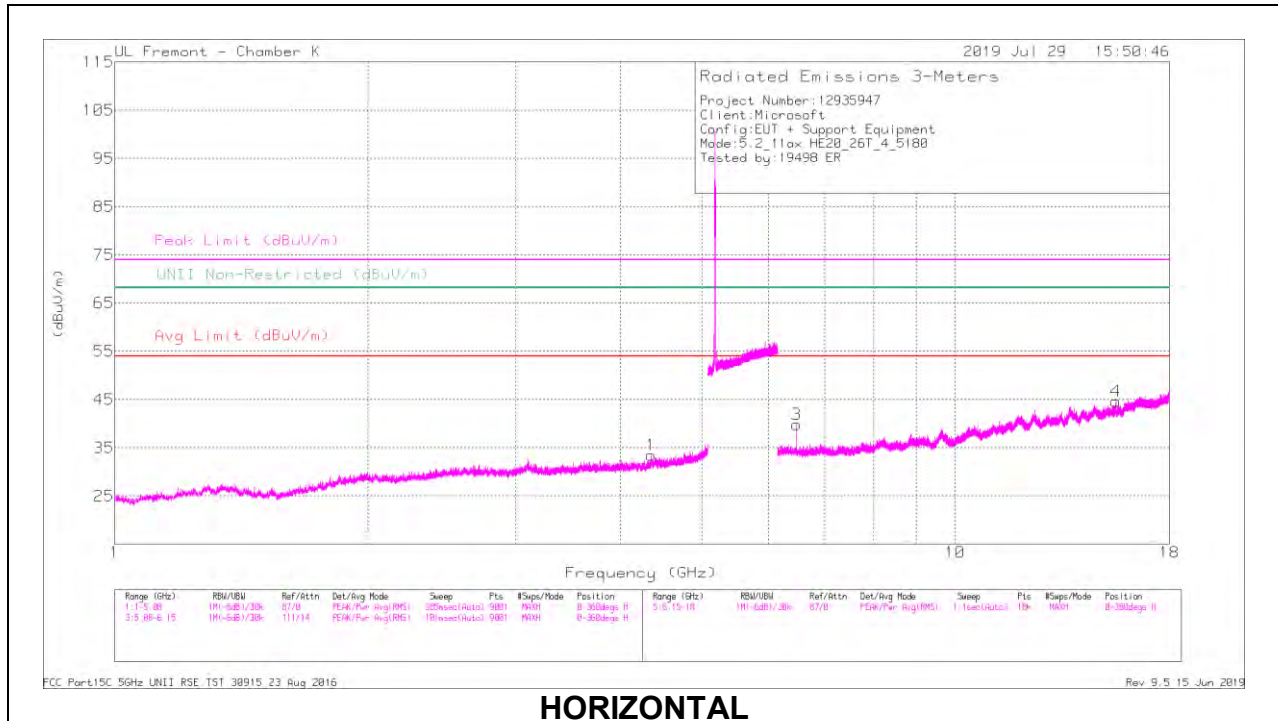
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 4

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/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	* 4.34768	37.62	PK-U	33.5	-31.3	39.82	-	-	74	-34.18	-	-	340	121	H
	* 4.34776	27.88	ADR	33.5	-31.3	30.08	54	-23.92	-	-	-	-	340	121	H
2	* 1.09146	38.36	PK-U	27.5	-35	30.86	-	-	74	-43.14	-	-	197	183	V
	* 1.08918	30.71	ADR	27.4	-35	23.11	54	-30.89	-	-	-	-	197	183	V
4	* 15.54168	36.26	PK-U	40.1	-18.6	59.76	-	-	74	-14.24	-	-	87	295	H
	* 15.541	27.95	ADR	40	-18.6	49.35	54	-4.65	-	-	-	-	87	295	H
3	6.47511	37.07	PK-U	35.7	-27.3	45.47	-	-	-	-	68.2	-22.73	276	138	H
6	* 15.53735	40.3	PK-U	40	-18.6	61.7	-	-	74	-12.3	-	-	164	319	V
	* 15.54096	29.51	ADR	40	-18.6	50.91	54	-3.09	-	-	-	-	164	319	V
5	6.47499	41.65	PK-U	35.7	-27.3	50.05	-	-	-	-	68.2	-18.15	187	220	V

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

PK-U - U-NII: Maximum Peak

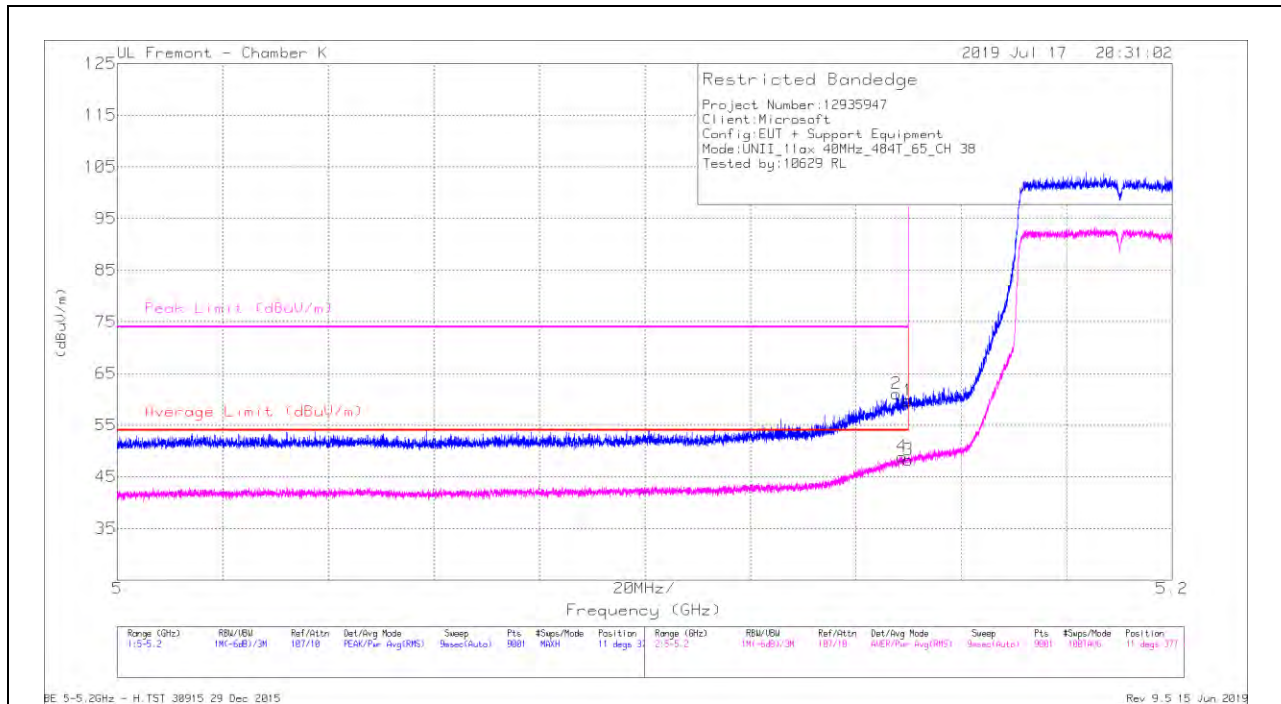
ADR - U-NII AD primary method, RMS average

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

2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

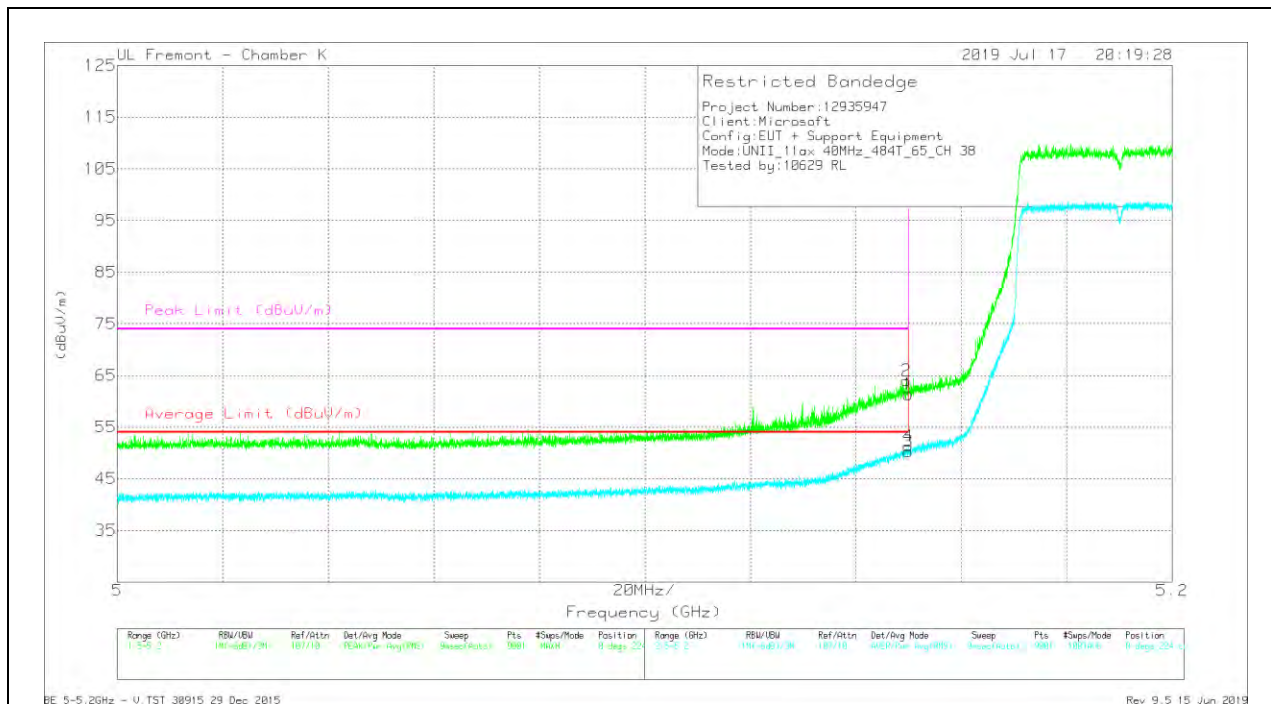
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.68	Pk	34.2	-20.1	0	69.78	-	-	74	-14.22	11	377	H
2	* 5.14773	46.99	Pk	34.2	-20.1	0	61.09	-	-	74	-12.91	11	377	H
3	* 5.15	33.34	RMS	34.2	-20.1	0	47.44	54	-6.56	-	-	11	377	H
4	* 5.14875	33.98	RMS	34.2	-20.1	0	48.08	54	-5.92	-	-	11	377	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	47.27	Pk	34.2	-20.1	0	61.37	-	-	74	-12.63	8	224	V
2	* 5.14962	49.87	Pk	34.2	-20.1	0	63.97	-	-	74	-10.03	8	224	V
3	* 5.15	35.35	RMS	34.2	-20.1	0	49.45	54	-4.55	-	-	8	224	V
4	* 5.14998	36.37	RMS	34.2	-20.1	0	50.47	54	-3.53	-	-	8	224	V

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

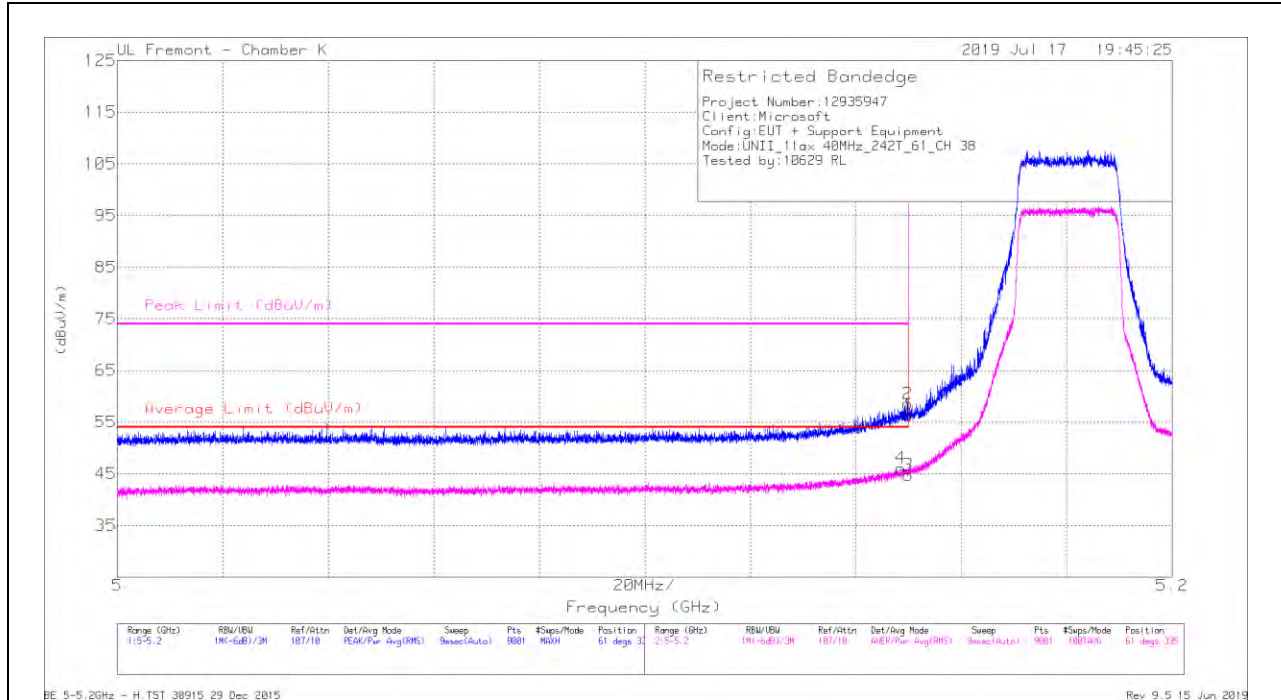
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

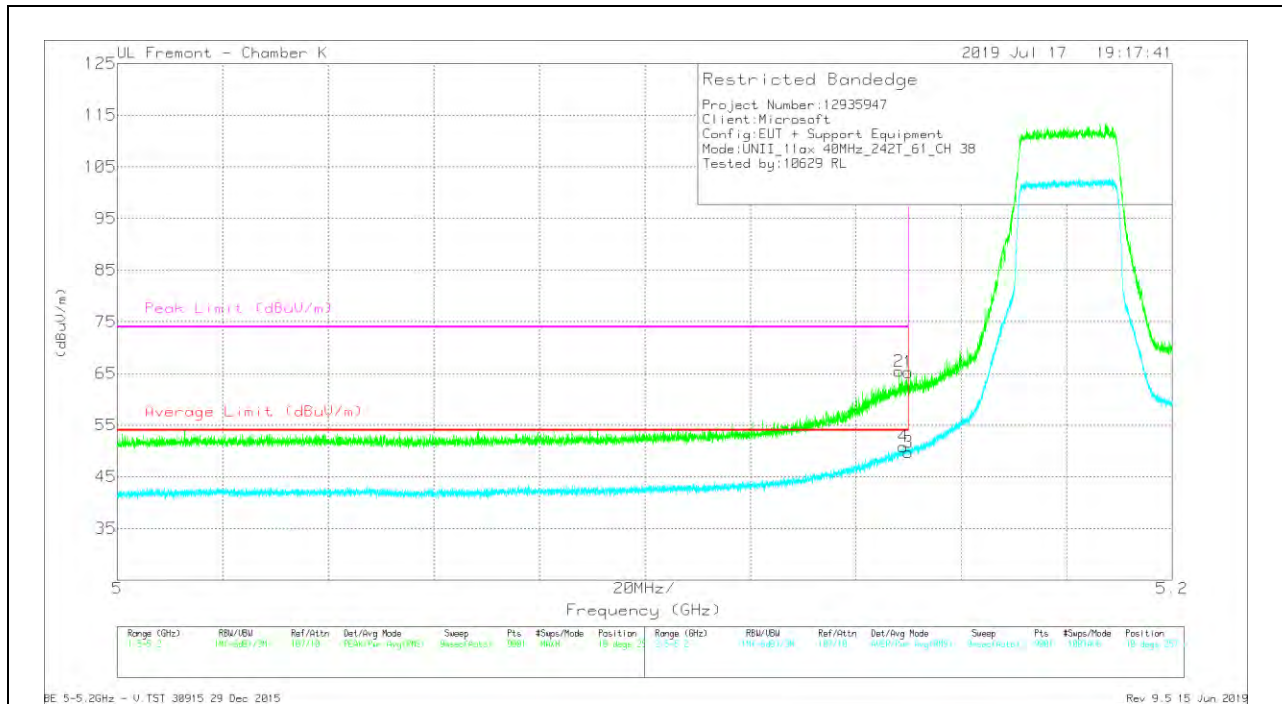
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	42.22	Pk	34.2	-20.1	0	56.32	-	-	74	-17.68	61	335	H
2	*5.14982	44.46	Pk	34.2	-20.1	0	58.56	-	-	74	-15.44	61	335	H
3	*5.15	29.81	RMS	34.2	-20.1	0	43.91	54	-10.09	-	-	61	335	H
4	*5.14855	31.17	RMS	34.2	-20.1	0	45.27	54	-8.73	-	-	61	335	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	51.15	PK	34.2	-20.1	0	65.25	-	-	74	-8.75	10	257	V
2	* 5.14815	51.31	PK	34.2	-20.1	0	65.41	-	-	74	-8.59	10	257	V
3	* 5.15	34.83	RMS	34.2	-20.1	0	48.93	54	-5.07	-	-	10	257	V
4	* 5.149	35.92	RMS	34.2	-20.1	0	50.02	54	-3.98	-	-	10	257	V

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

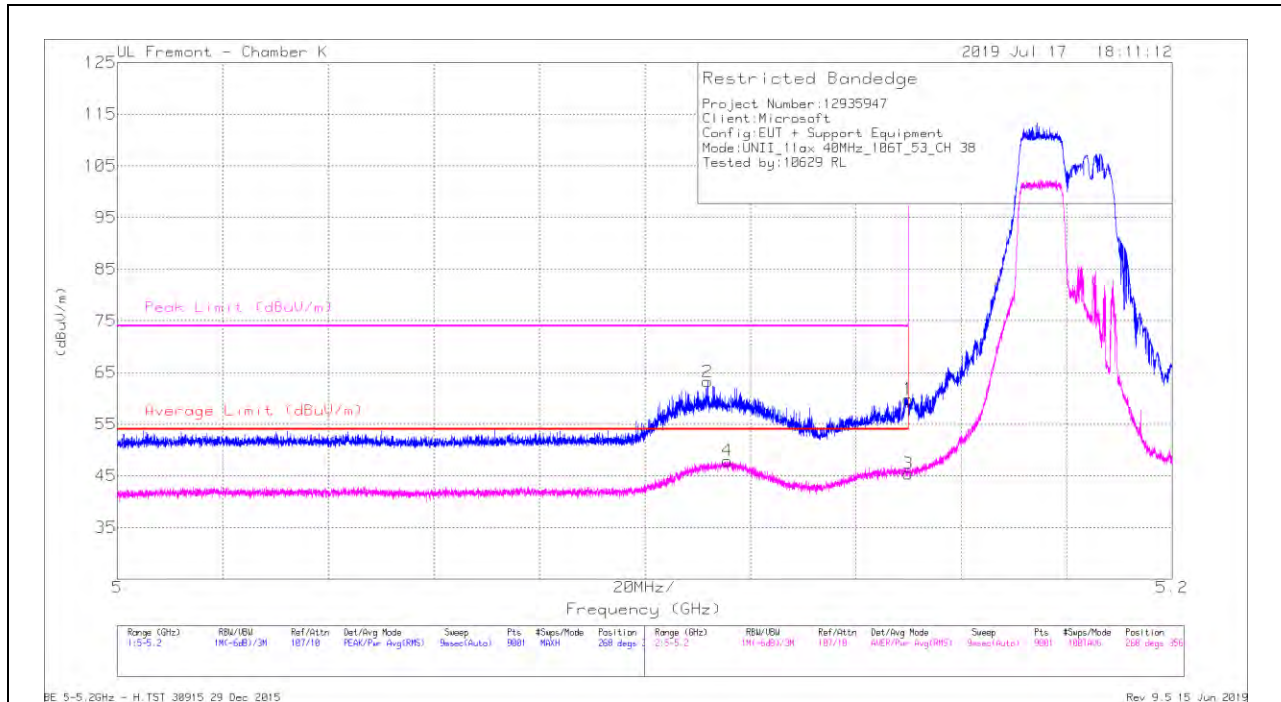
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

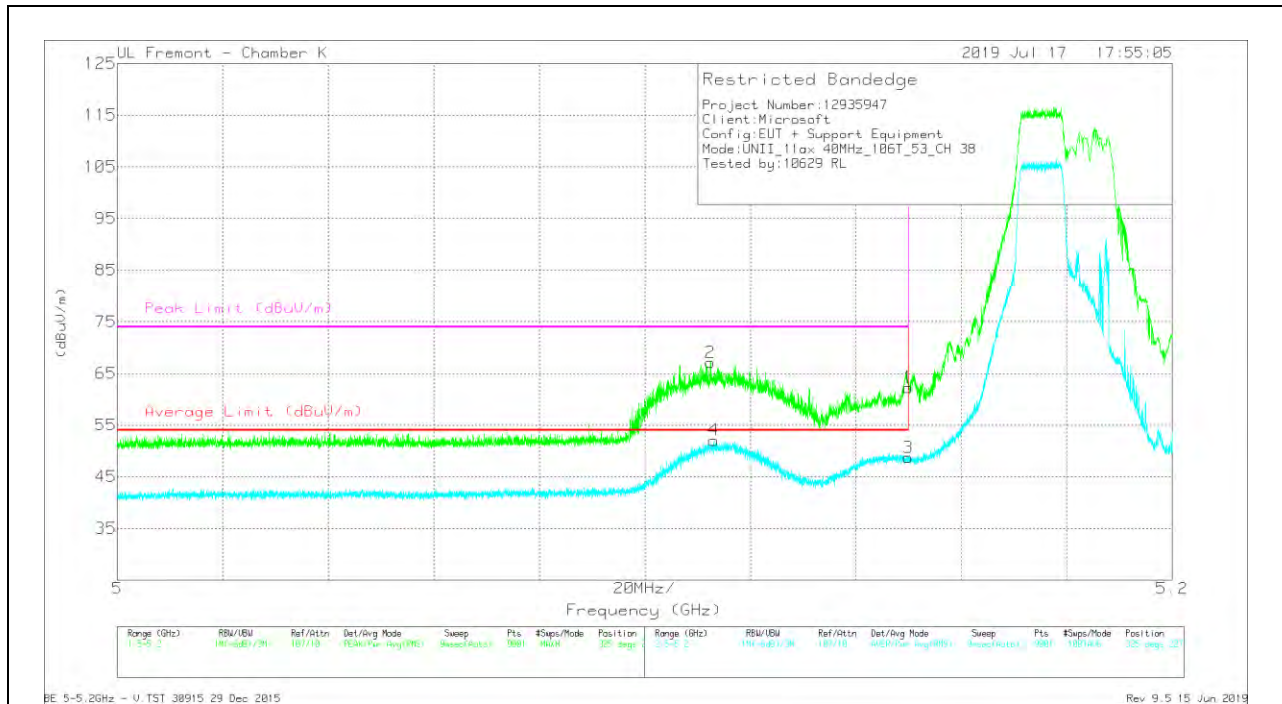
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	45.76	Pk	34.2	-20.1	0	59.86	-	-	74	-14.14	268	356	H
2	*5.11191	49.31	Pk	34.2	-20.3	0	63.21	-	-	74	-10.79	268	356	H
3	*5.15	30.51	RMS	34.2	-20.1	0	44.61	54	-9.39	-	-	268	356	H
4	*5.11569	33.12	RMS	34.2	-20.2	0	47.12	54	-6.88	-	-	268	356	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	48.19	PK	34.2	-20.1	0	62.29	-	-	74	-11.71	325	227	V
2	* 5.11247	53.21	PK	34.2	-20.3	0	67.11	-	-	74	-6.89	325	227	V
3	* 5.15	33.83	RMS	34.2	-20.1	0	47.93	54	-6.07	-	-	325	227	V
4	* 5.1309	37.28	RMS	34.2	-20.2	0	51.28	54	-2.72	-	-	325	227	V

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

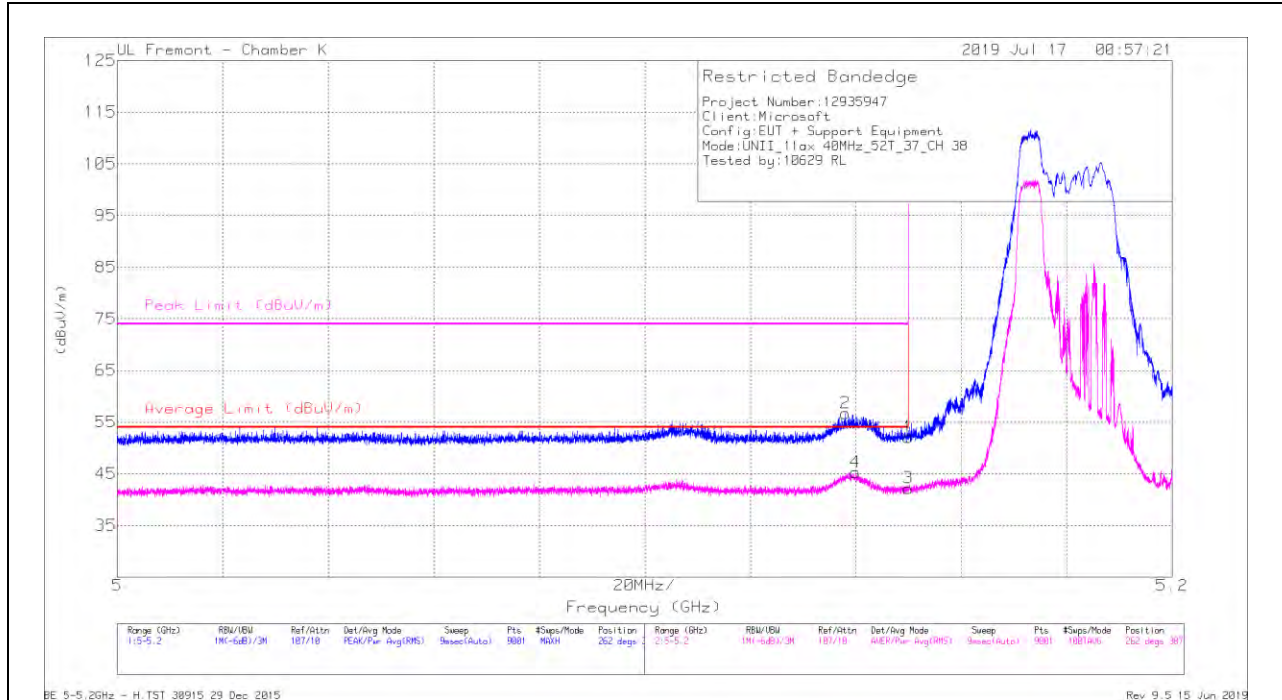
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

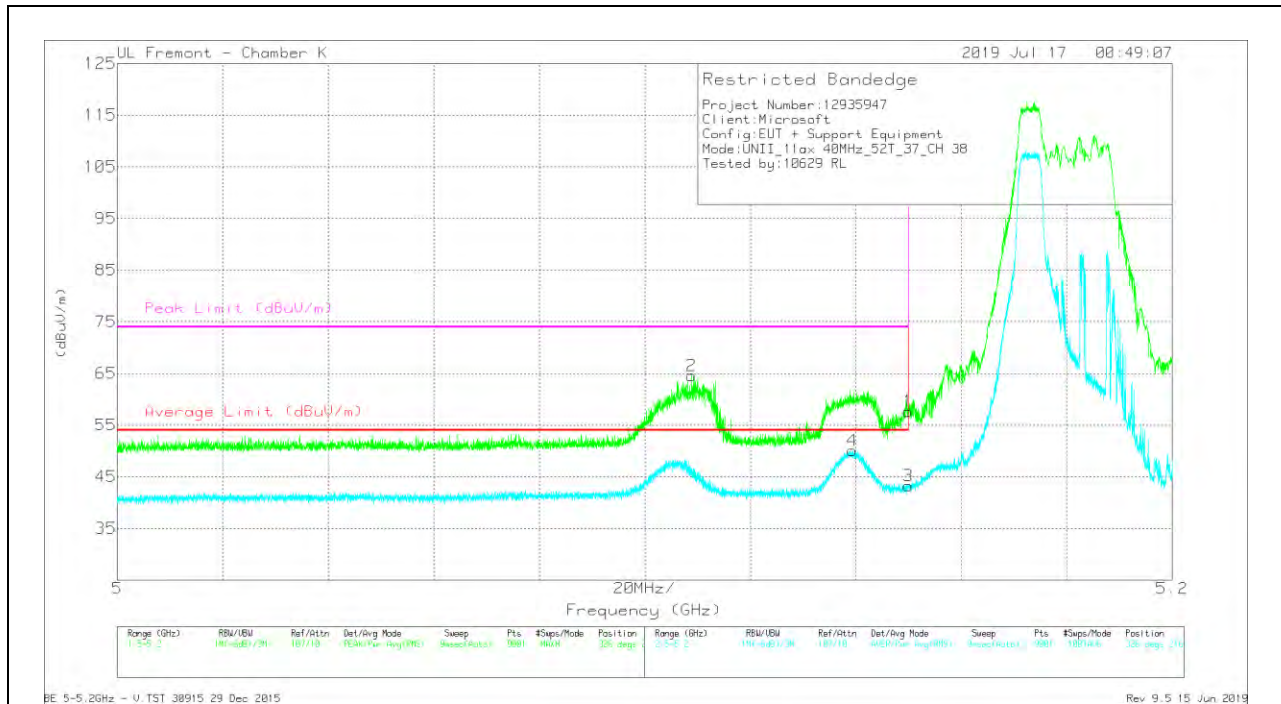
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	37.99	Pk	34.2	-20.1	0	52.09	-	-	74	-21.91	262	387	H
2	* 5.13802	42.62	Pk	34.3	-20.2	0	56.72	-	-	74	-17.28	262	387	H
3	* 5.15	27.31	RMS	34.2	-20.1	0	41.41	54	-12.59	-	-	262	387	H
4	* 5.13995	30.37	RMS	34.3	-20.2	0	44.47	54	-9.53	-	-	262	387	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	43.59	PK	34.2	-20.1	0	57.69	-	-	74	-16.31	326	216	V
2	* 5.10884	50.65	PK	34.2	-20.3	0	64.55	-	-	74	-9.45	326	216	V
3	* 5.15	28.33	RMS	34.2	-20.1	0	42.43	54	-11.57	-	-	326	216	V
4	* 5.13933	35.16	RMS	34.3	-20.2	0	49.26	54	-4.74	-	-	326	216	V

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

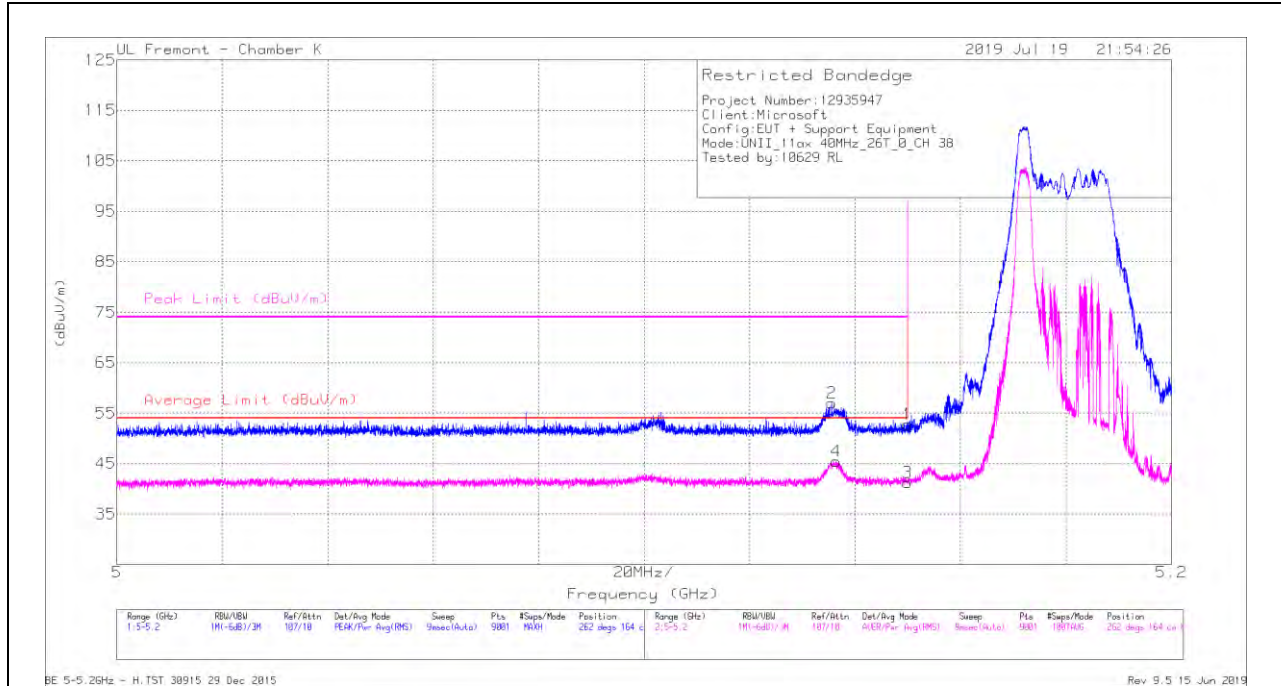
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	38.69	Pk	34.2	-20.1	0	52.79	-	-	74	-21.21	262	164	H
2	* 5.13558	42.95	Pk	34.3	-20.2	0	57.05	-	-	74	-16.95	262	164	H
3	* 5.15	26.64	RMS	34.2	-20.1	0	40.74	54	-13.26	-	-	262	164	H
4	* 5.13644	30.86	RMS	34.3	-20.2	0	44.96	54	-9.04	-	-	262	164	H

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

Pk - Peak detector

RMS - RMS detection

UL Fremont - Chamber K

2019 Jul 19 21:34:41

Restricted Bandedge

Project Number: 12935947

Client: Microsoft

Config: EUT + Support Equipment

Mode: UNII_11ax_40MHz_26T_8_CH_38

Tested by: 10629 RL

Peak Limit (dBuV/m)

Average Limit (dBuV/m)

20MHz/

Frequency (GHz)

Range (GHz) 1.5-5.2

RBW/ABW 100kHz/3dB

Ref/Attn 107/10

Det/Avg Mode PEAK(Pwr-Cor) RMS

Sweep 500Hz/100Hz

Pts 200

#Spts/Mode 1000

Position 24 deg 246 c

Range (GHz) 1.5-5.2

RBW/ABW 100kHz/3dB

Ref/Attn 107/10

Det/Avg Mode PEAK(Pwr-Cor) RMS

Sweep 500Hz/100Hz

Pts 200

#Spts/Mode 1000

Position 24 deg 246 c

BE 5-5.26GHz - U.TST.38915 29 Dec 2015

Rev 5.5 15 Jun 2019

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/CbI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.79	Pk	34.2	-20.1	0	58.89	-	-	74	-15.11	324	246	V
2	* 5.13718	48.12	Pk	34.3	-20.2	0	62.22	-	-	74	-11.78	324	246	V
3	* 5.15	28.13	RMS	34.2	-20.1	0	42.23	54	-11.77	-	-	324	246	V
4	* 5.13598	36.91	RMS	34.3	-20.2	0	51.01	54	-2.99	-	-	324	246	V

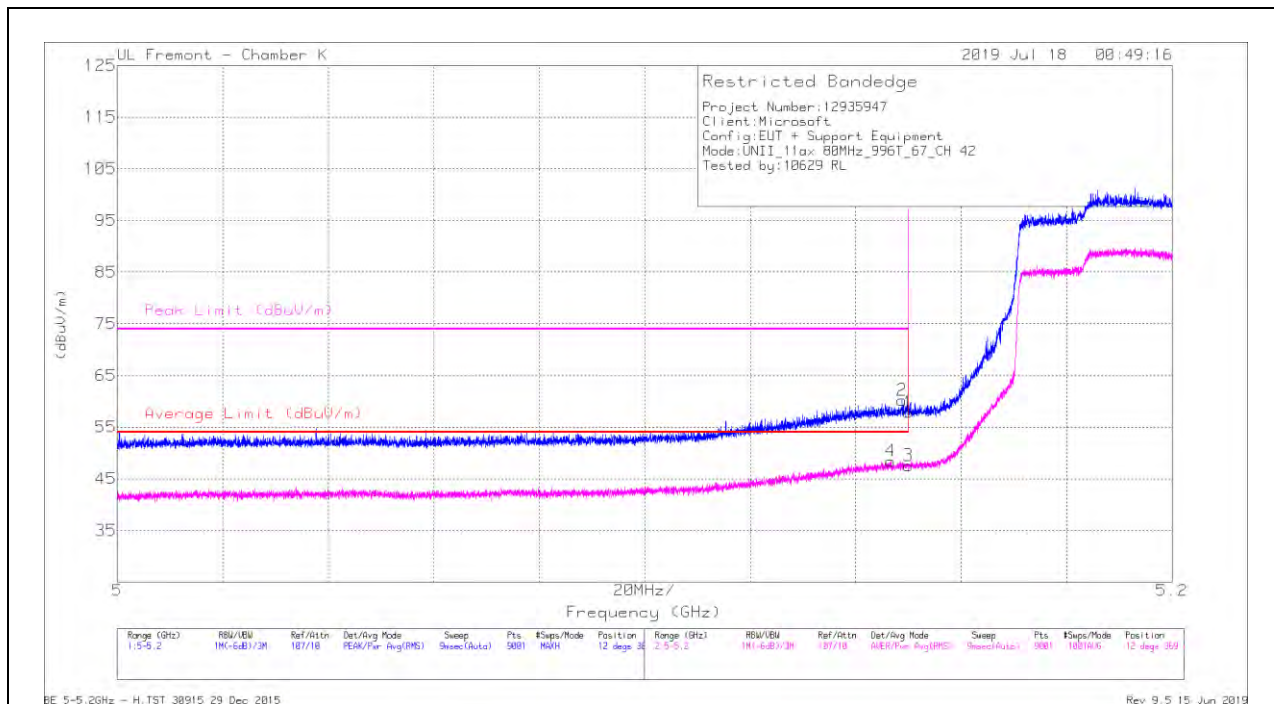
RMS - RMS detection

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

2TX Chain 0 + Chain 1 OFDMA MODE – 996-Tones, RU Index 67

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

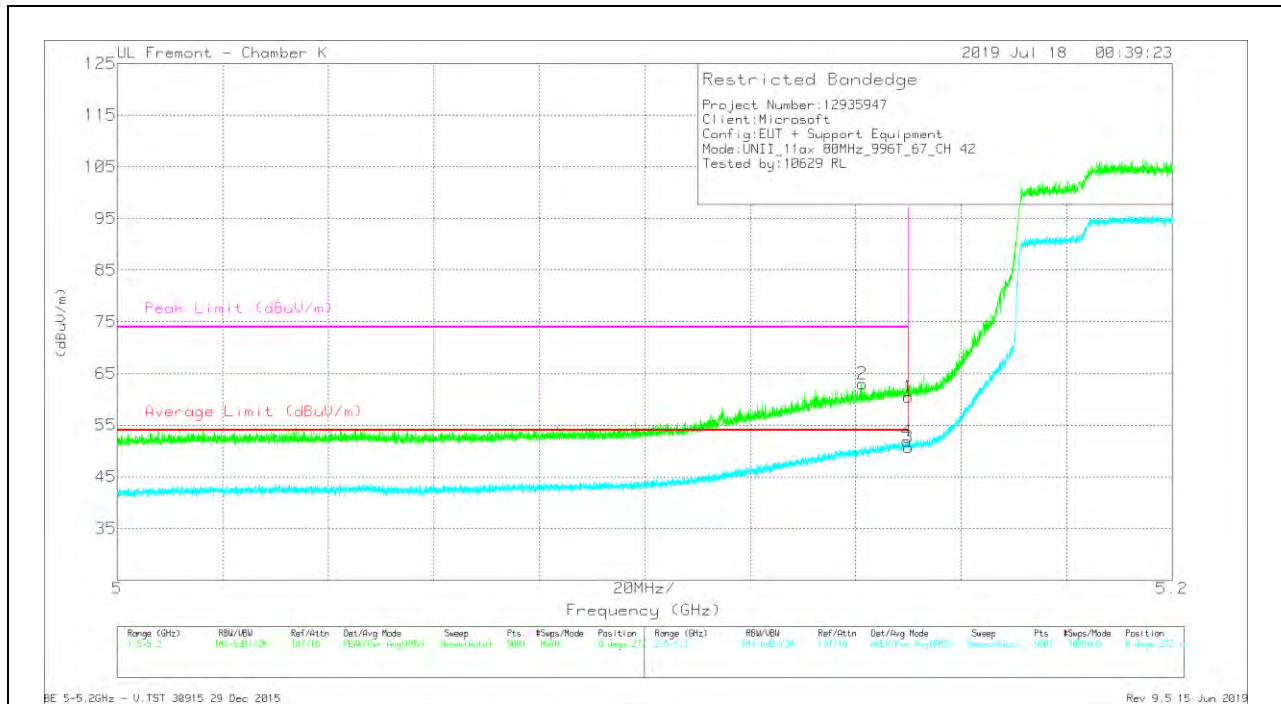
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	43.78	Pk	34.2	-20.1	0	67.88	-	-	74	-16.12	12	369	H
2	*5.14875	46.09	Pk	34.2	-20.1	0	60.19	-	-	74	-13.81	12	369	H
3	*5.15	32.62	RMS	34.2	-20.1	0	46.72	54	-7.28	-	-	12	369	H
4	*5.14662	33.6	RMS	34.2	-20.2	0	47.6	54	-6.4	-	-	12	369	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.36	PK	34.2	-20.1	0	60.46	-	-	74	-13.54	8	272	V
2	* 5.14129	49.02	PK	34.2	-20.2	0	63.02	-	-	74	-10.98	8	272	V
3	* 5.15	35.78	RMS	34.2	-20.1	0	49.88	54	-4.12	-	-	8	272	V
4	* 5.14969	36.97	RMS	34.2	-20.1	0	51.07	54	-2.93	-	-	8	272	V

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

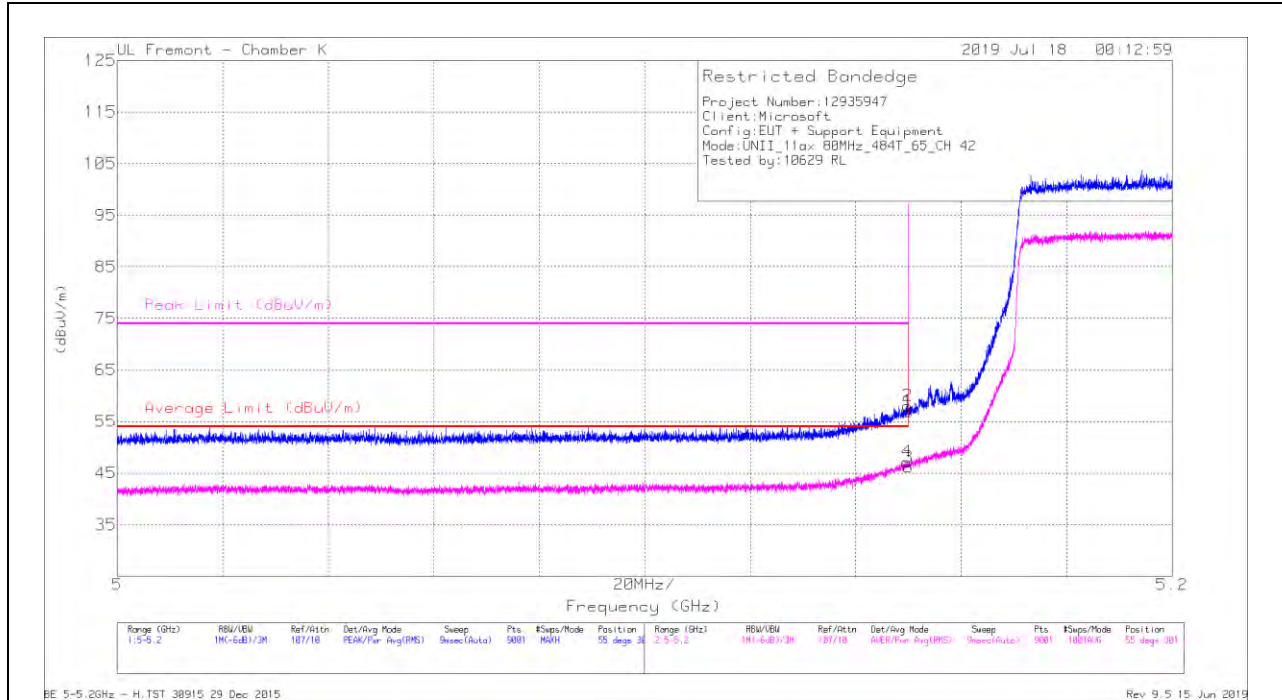
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

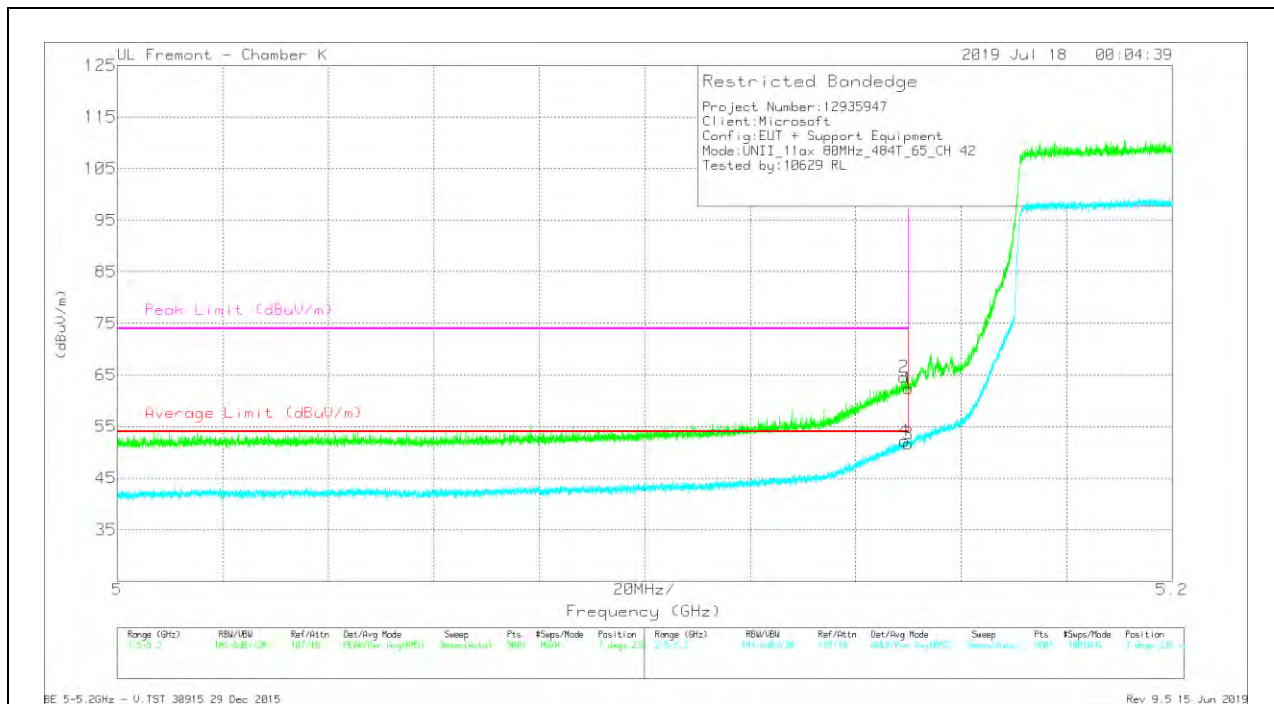
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.84	Pk	34.2	-20.1	0	56.94	-	-	74	-17.06	55	301	H
2	* 5.1498	43.95	Pk	34.2	-20.1	0	58.05	-	-	74	-15.95	55	301	H
3	* 5.15	31.22	RMS	34.2	-20.1	0	45.32	54	-8.68	-	-	55	301	H
4	* 5.14975	32.27	RMS	34.2	-20.1	0	46.37	54	-7.63	-	-	55	301	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.28	PK	34.2	-20.1	0	62.38	-	-	74	-11.62	7	236	V
2	* 5.14911	50.48	PK	34.2	-20.1	0	64.58	-	-	74	-9.42	7	236	V
3	* 5.15	36.75	RMS	34.2	-20.1	0	50.85	54	-3.15	-	-	7	236	V
4	* 5.1492	37.3	RMS	34.2	-20.1	0	51.4	54	-2.6	-	-	7	236	V

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

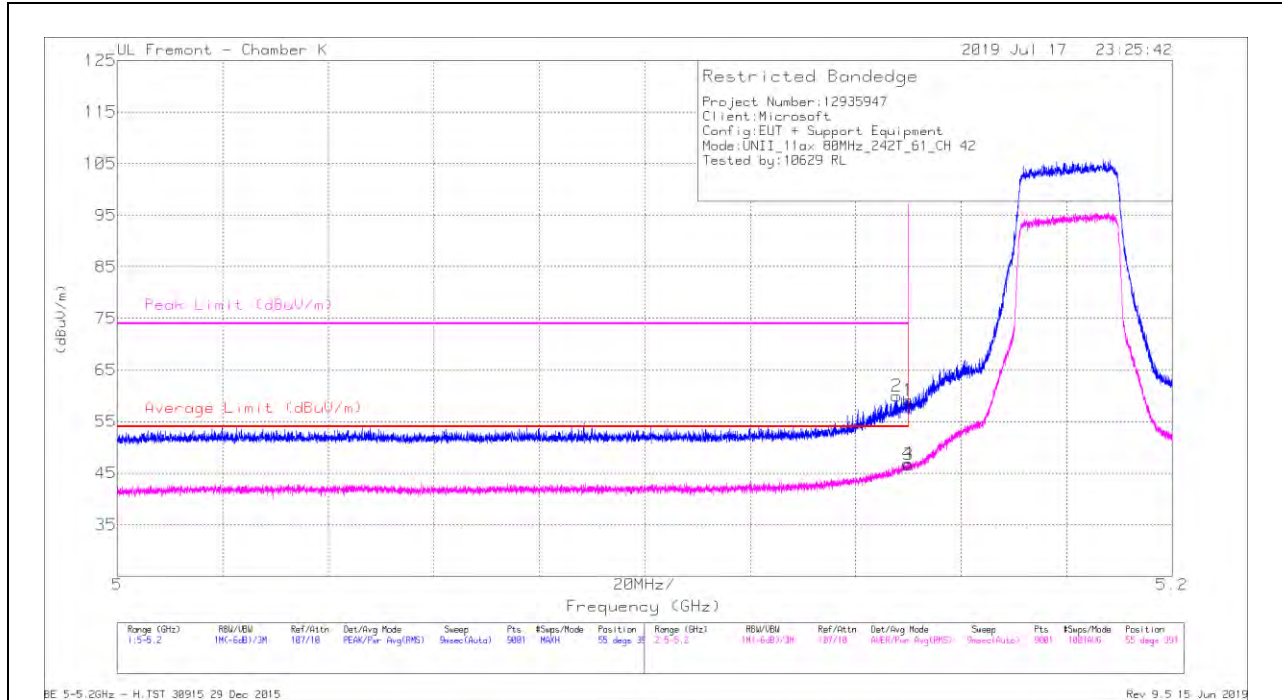
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

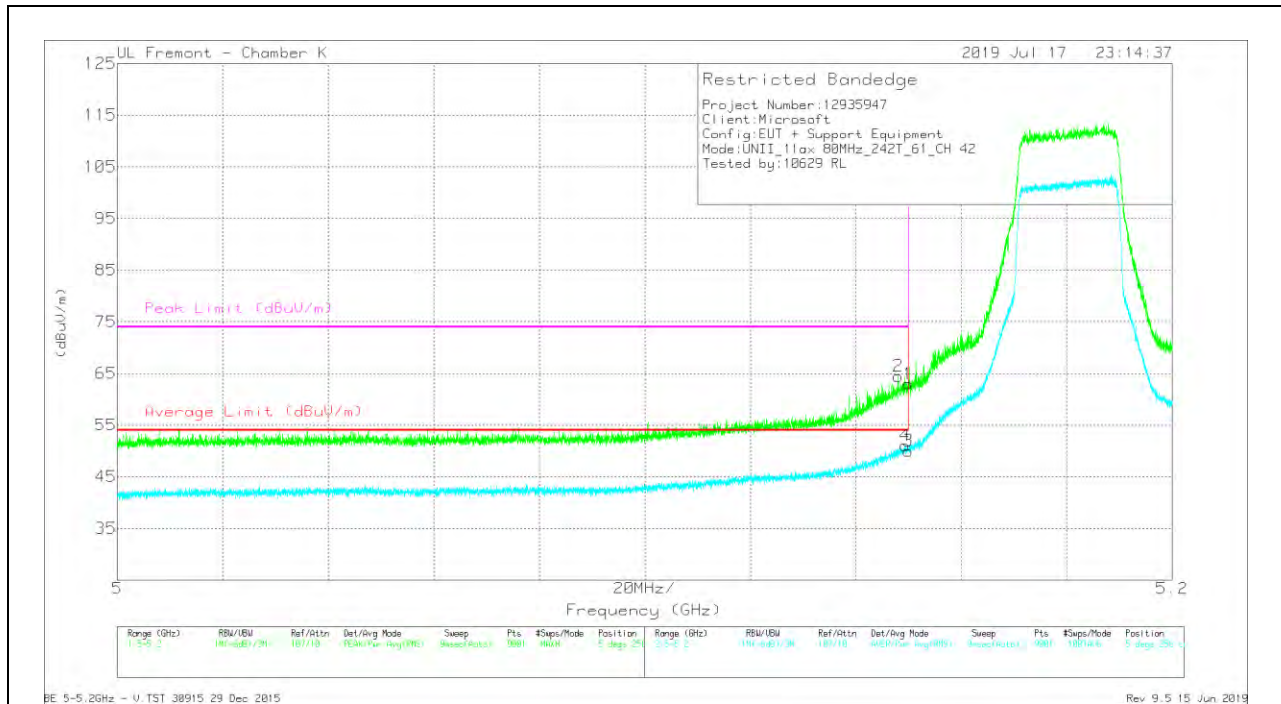
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Fibr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	45.03	Pk	34.2	-20.1	0	59.13	-	-	74	-14.87	55	391	H
2	* 5.14775	45.87	Pk	34.2	-20.1	0	59.97	-	-	74	-14.03	55	391	H
3	* 5.15	31.72	RMS	34.2	-20.1	0	45.82	54	-8.18	-	-	55	391	H
4	* 5.14991	31.98	RMS	34.2	-20.1	0	46.08	54	-7.92	-	-	55	391	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	48.88	PK	34.2	-20.1	0	62.98	-	-	74	-11.02	5	256	V
2	* 5.14802	50.38	PK	34.2	-20.1	0	64.48	-	-	74	-9.52	5	256	V
3	* 5.15	35.1	RMS	34.2	-20.1	0	49.2	54	-4.8	-	-	5	256	V
4	* 5.1494	36.13	RMS	34.2	-20.1	0	50.23	54	-3.77	-	-	5	256	V

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

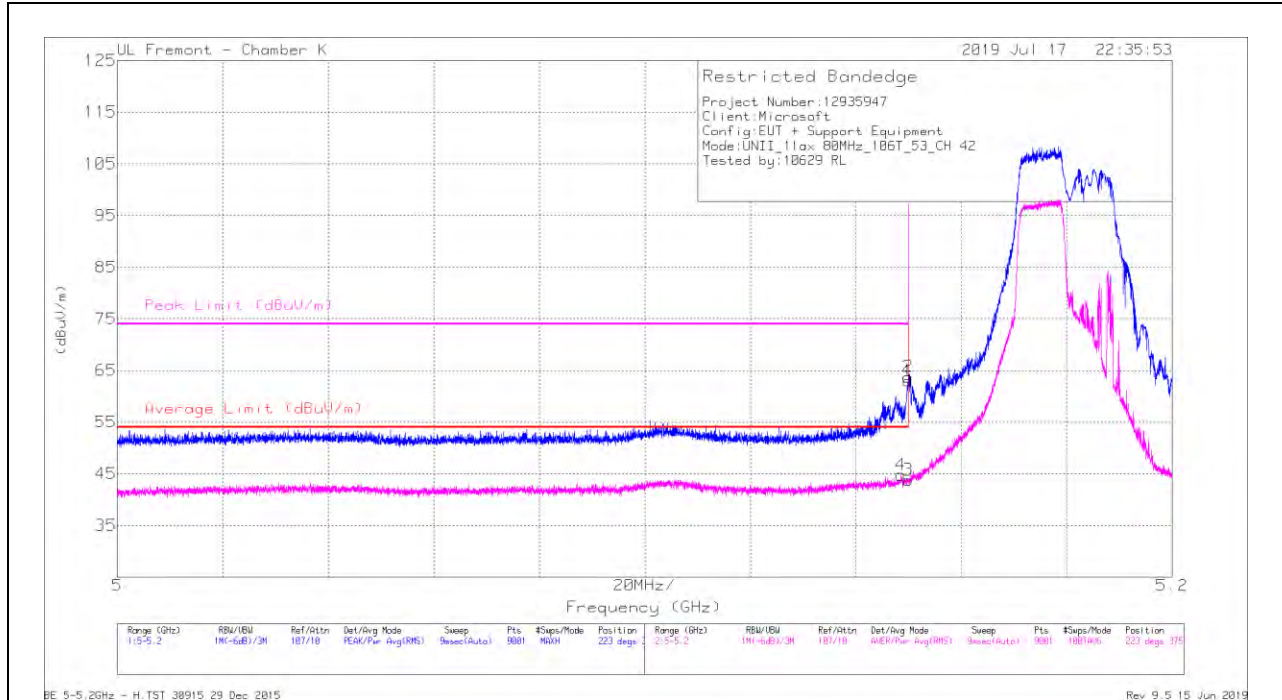
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 53

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

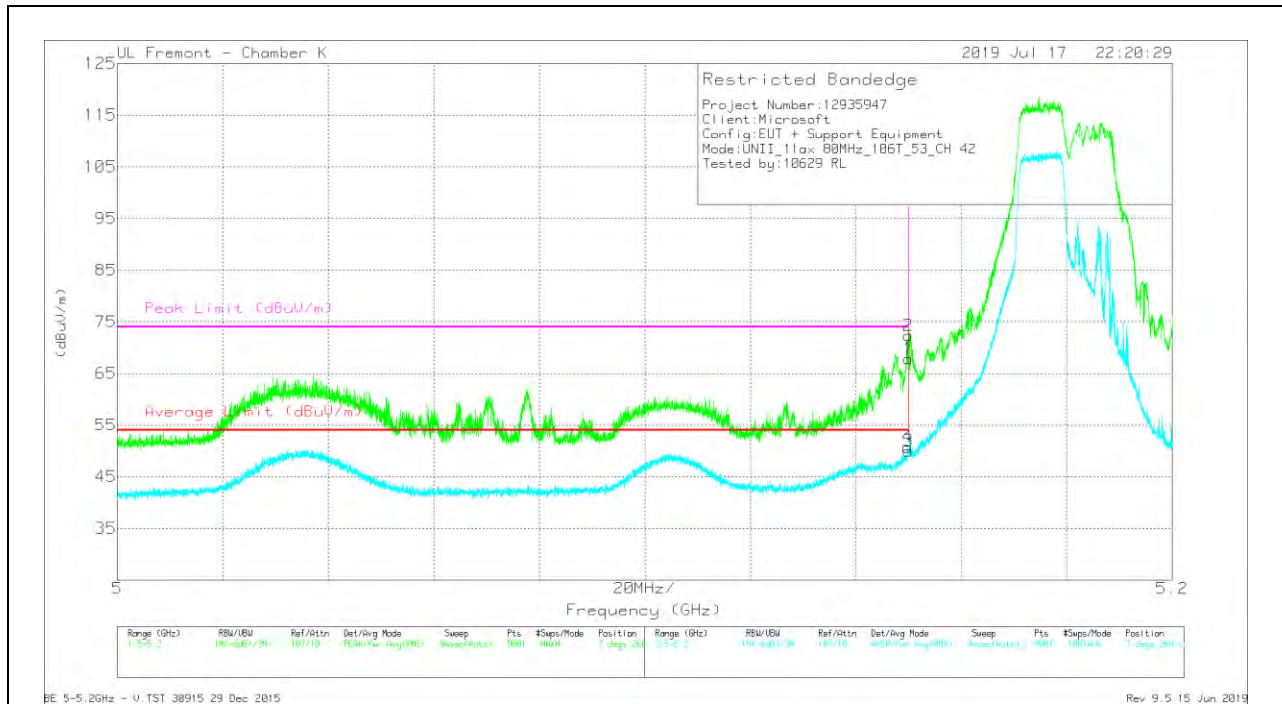
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.86	Pk	34.2	-20.1	0	62.96	-	-	74	-11.04	223	375	H
2	* 5.14991	49.68	Pk	34.2	-20.1	0	63.78	-	-	74	-10.22	223	375	H
3	* 5.15	28.87	RMS	34.2	-20.1	0	42.97	54	-11.03	-	-	223	375	H
4	* 5.14855	29.88	RMS	34.2	-20.1	0	43.98	54	-10.02	-	-	223	375	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	53.79	Pk	34.2	-20.1	0	67.89	-	-	74	-6.11	7	260	V
2	* 5.14993	58.24	Pk	34.2	-20.1	0	72.34	-	-	74	-1.66	7	260	V
3	* 5.15	35.08	RMS	34.2	-20.1	0	49.18	54	-4.82	-	-	7	260	V
4	* 5.14987	35.85	RMS	34.2	-20.1	0	49.95	54	-4.05	-	-	7	260	V

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

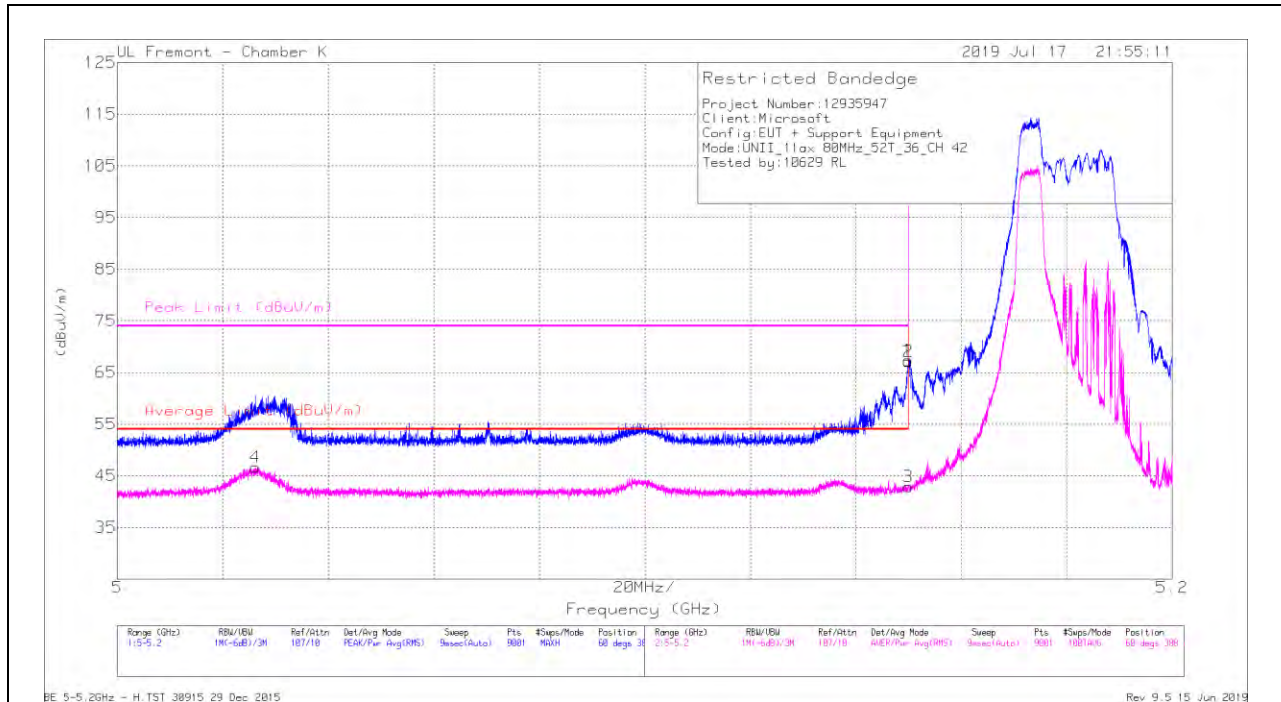
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 37

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

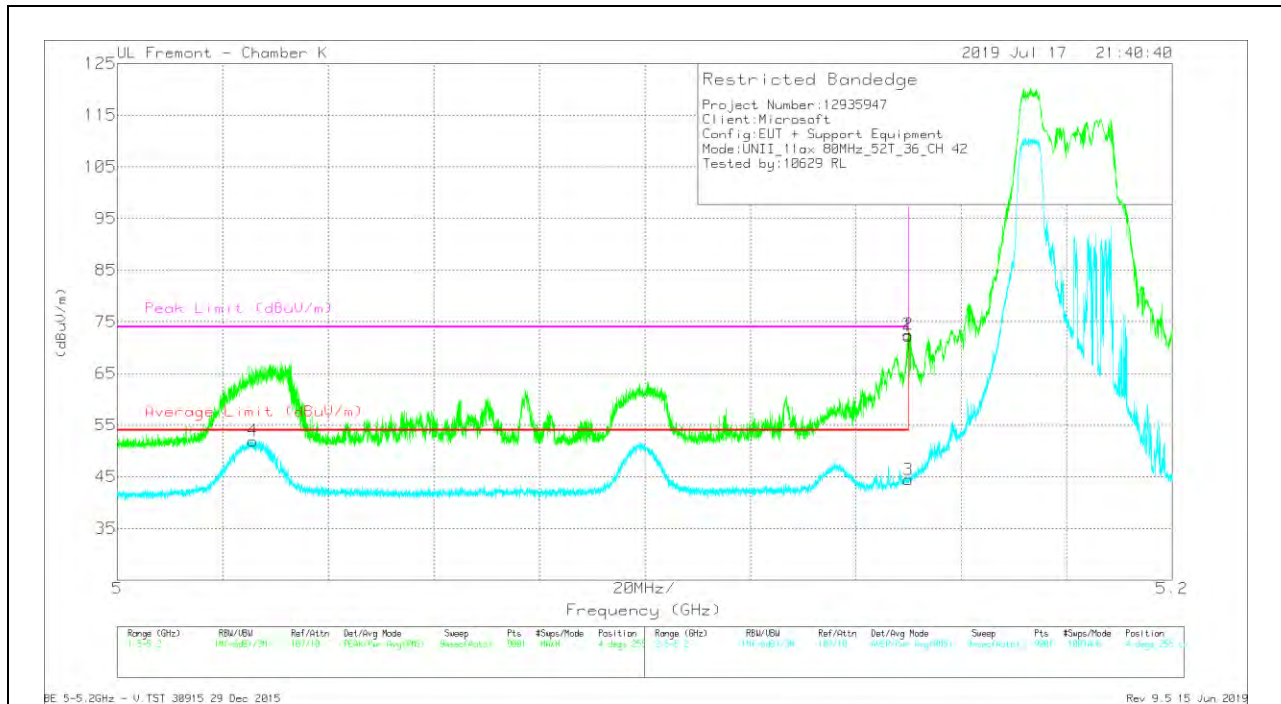
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	53.22	Pk	34.2	-20.1	0	67.32	-	-	74	-6.68	60	388	H
2	* 5.14998	53	Pk	34.2	-20.1	0	67.1	-	-	74	-6.9	60	388	H
3	* 5.15	27.95	RMS	34.2	-20.1	0	42.05	54	-11.95	-	-	60	388	H
4	* 5.02622	32.34	RMS	34.2	-20.7	0	45.84	54	-8.16	-	-	60	388	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	58.19	PK	34.2	-20.1	0	72.29	-	-	74	-1.71	4	255	V
2	* 5.14998	58.44	PK	34.2	-20.1	0	72.54	-	-	74	-1.46	4	255	V
3	* 5.15	29.54	RMS	34.2	-20.1	0	43.64	54	-10.36	-	-	4	255	V
4	* 5.02573	37.64	RMS	34.2	-20.7	0	51.14	54	-2.86	-	-	4	255	V

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

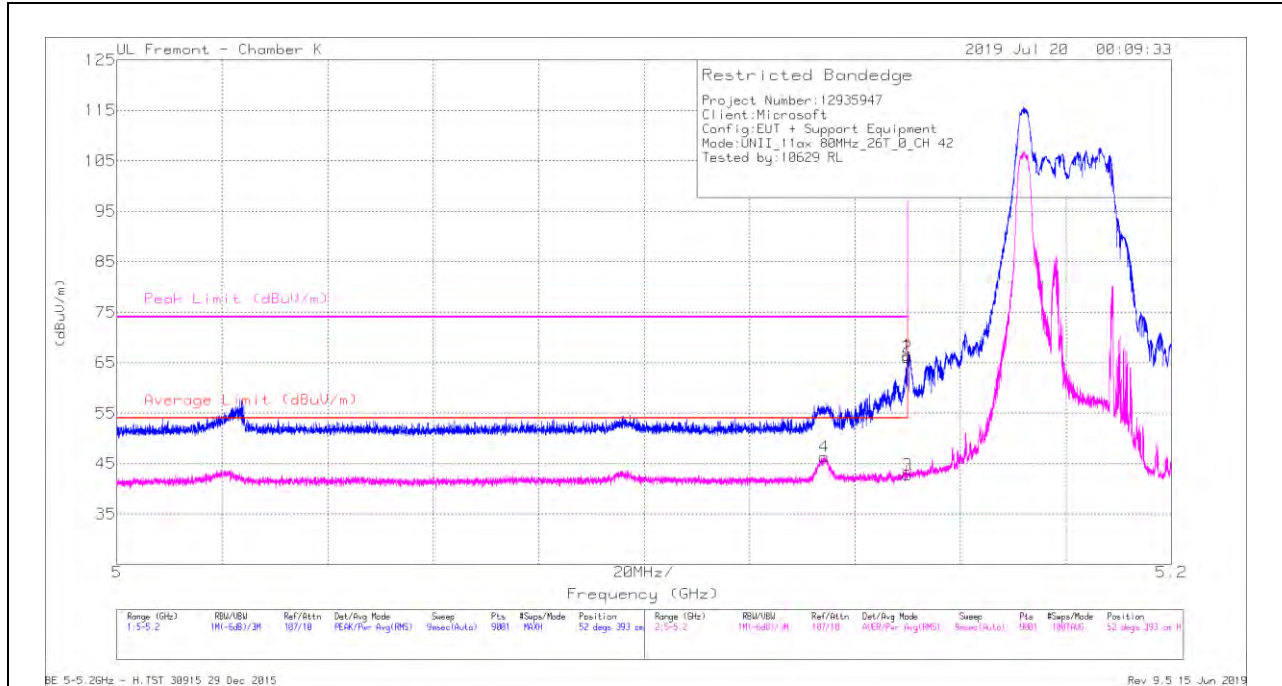
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 0

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

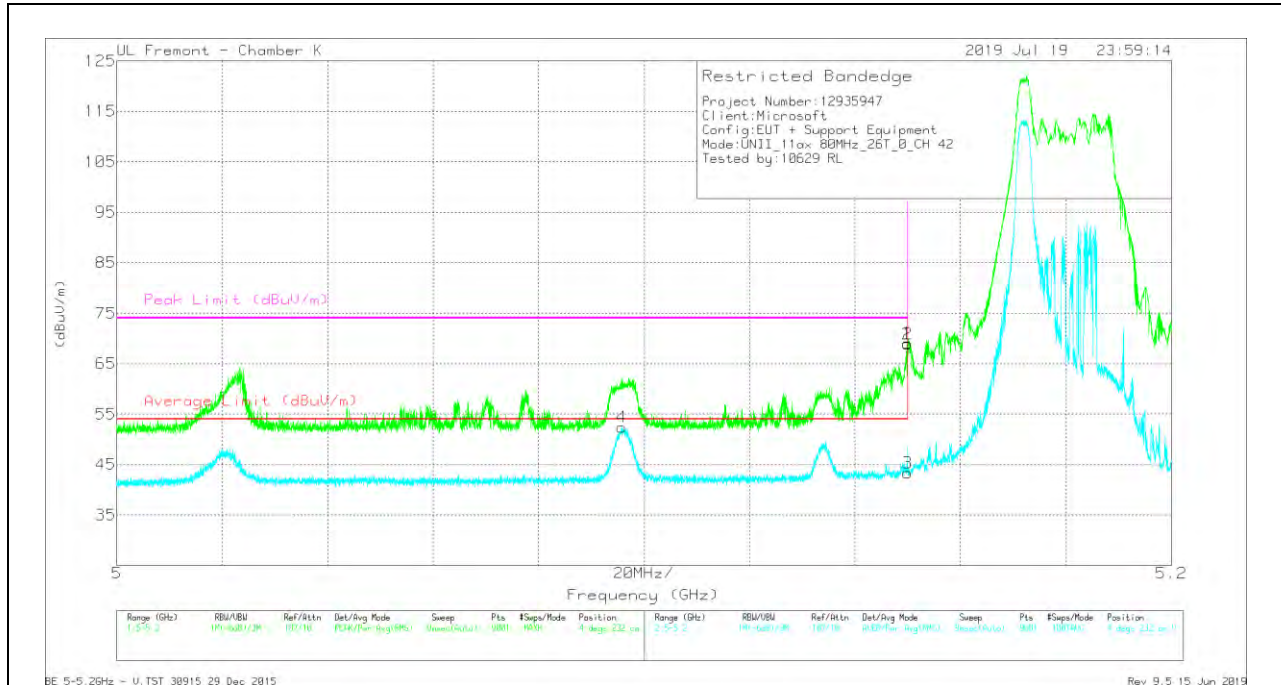
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.15	52.34	Pk	34.2	-20.1	0	66.44	-	-	74	-7.56	52	393	H
2	*5.14991	52.01	Pk	34.2	-20.1	0	66.11	-	-	74	-7.89	52	393	H
3	*5.15	28.09	RMS	34.2	-20.1	0	42.19	54	-11.81	-	-	52	393	H
4	*5.13418	31.66	RMS	34.3	-20.2	0	45.76	54	-8.24	-	-	52	393	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	54.97	Pk	34.2	-20.1	0	69.07	-	-	74	-4.93	4	232	V
2	* 5.14991	54.83	Pk	34.2	-20.1	0	68.93	-	-	74	-5.07	4	232	V
3	* 5.15	28.68	RMS	34.2	-20.1	0	42.78	54	-11.22	-	-	4	232	V
4	* 5.09576	37.96	RMS	34.2	-20.3	0	51.86	54	-2.14	-	-	4	232	V

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

Pk - Peak detector

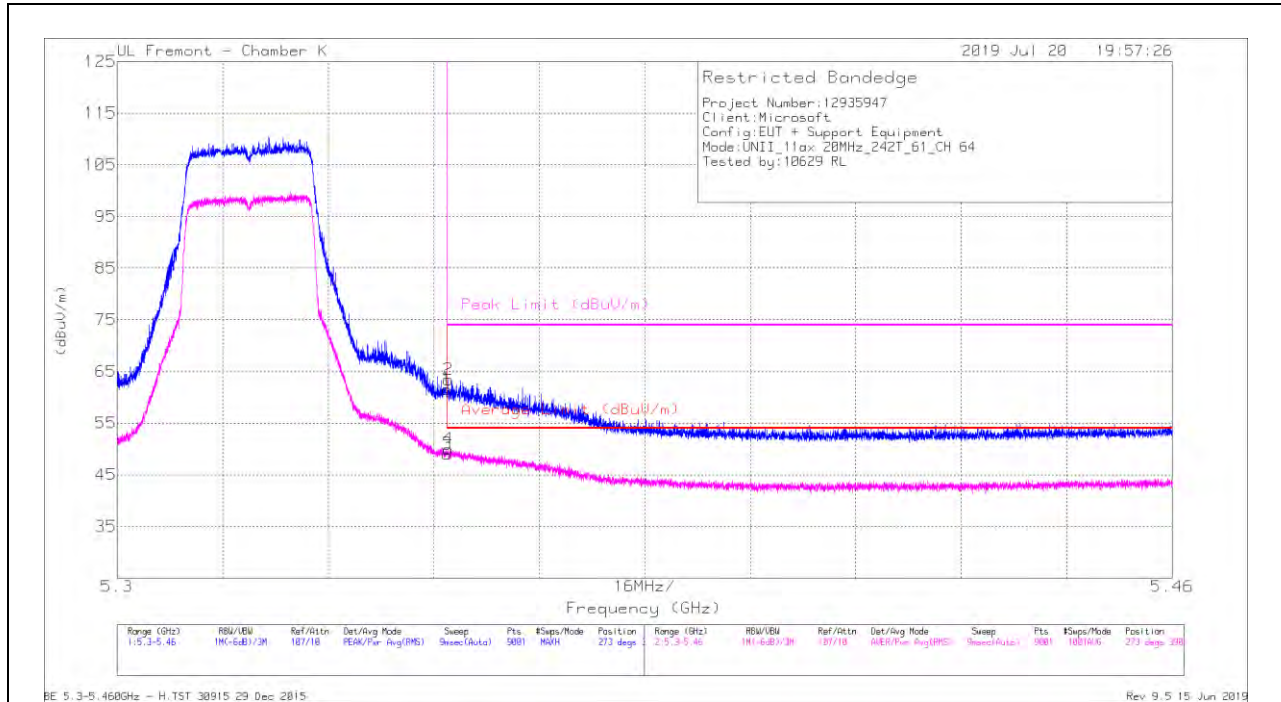
RMS - RMS detection

9.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.3 GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

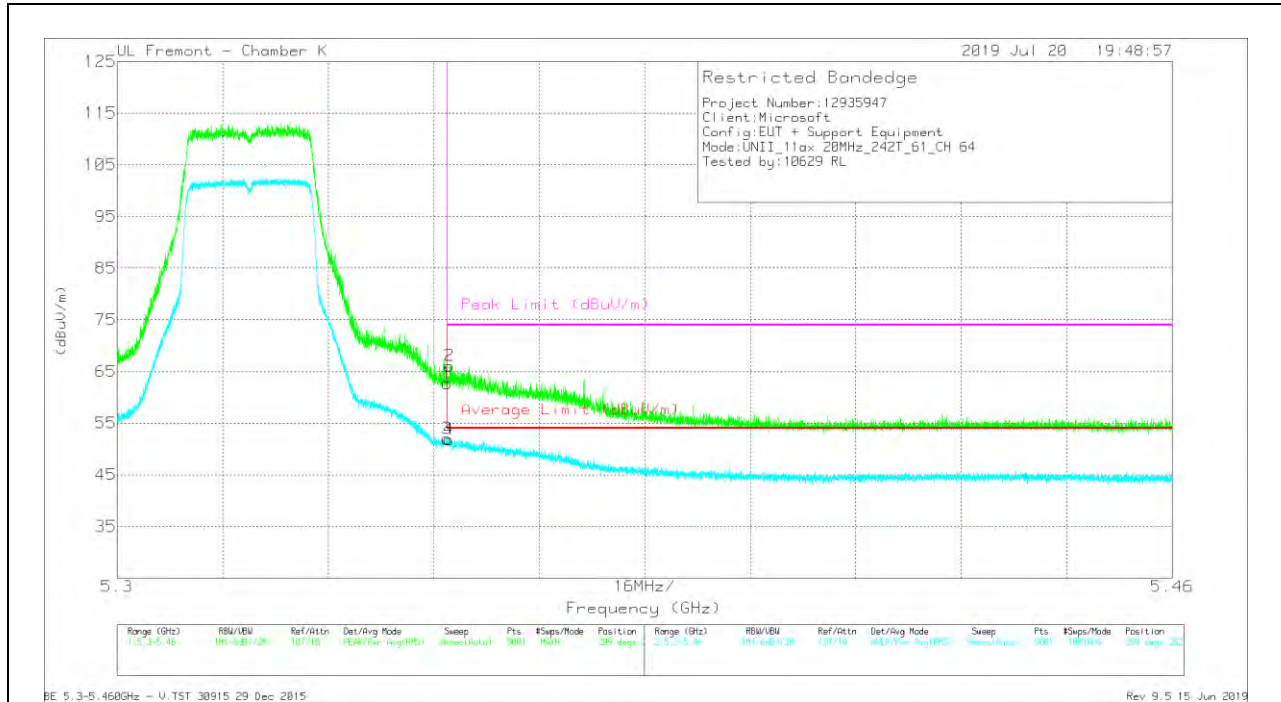
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	47.03	Pk	34.4	-19.9	0	61.53	-	-	74	-12.47	273	390	H
2	*5.35019	48.93	Pk	34.4	-19.9	0	63.43	-	-	74	-10.57	273	390	H
3	*5.35001	33.71	RMS	34.4	-19.9	0	48.21	54	-5.79	-	-	273	390	H
4	*5.35019	34.69	RMS	34.4	-19.9	0	49.19	54	-4.81	-	-	273	390	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	48.2	Pk	34.4	-19.9	0	62.7	-	-	74	-11.3	299	262	V
2	* 5.35038	51.59	PK	34.4	-19.9	0	66.09	-	-	74	-7.91	299	262	V
3	* 5.35001	36.68	RMS	34.4	-19.9	0	51.18	54	-2.82	-	-	299	262	V
4	* 5.35029	36.53	RMS	34.4	-19.9	0	51.03	54	-2.97	-	-	299	262	V

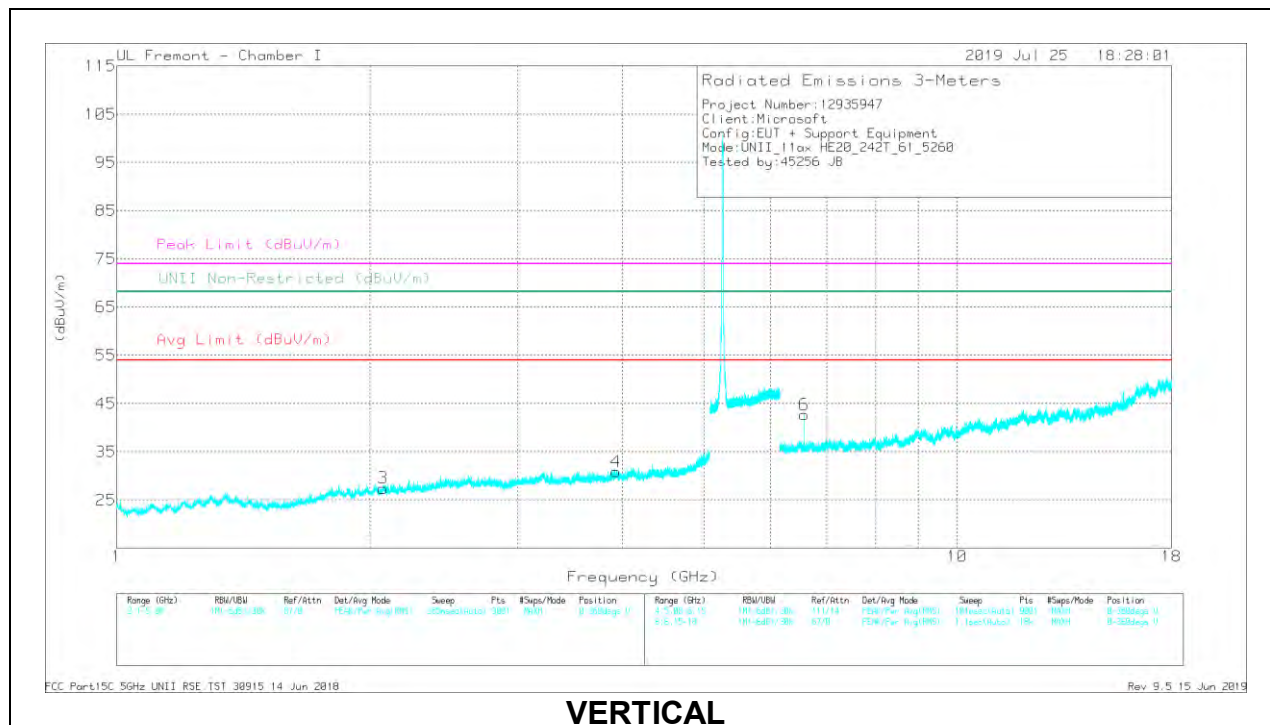
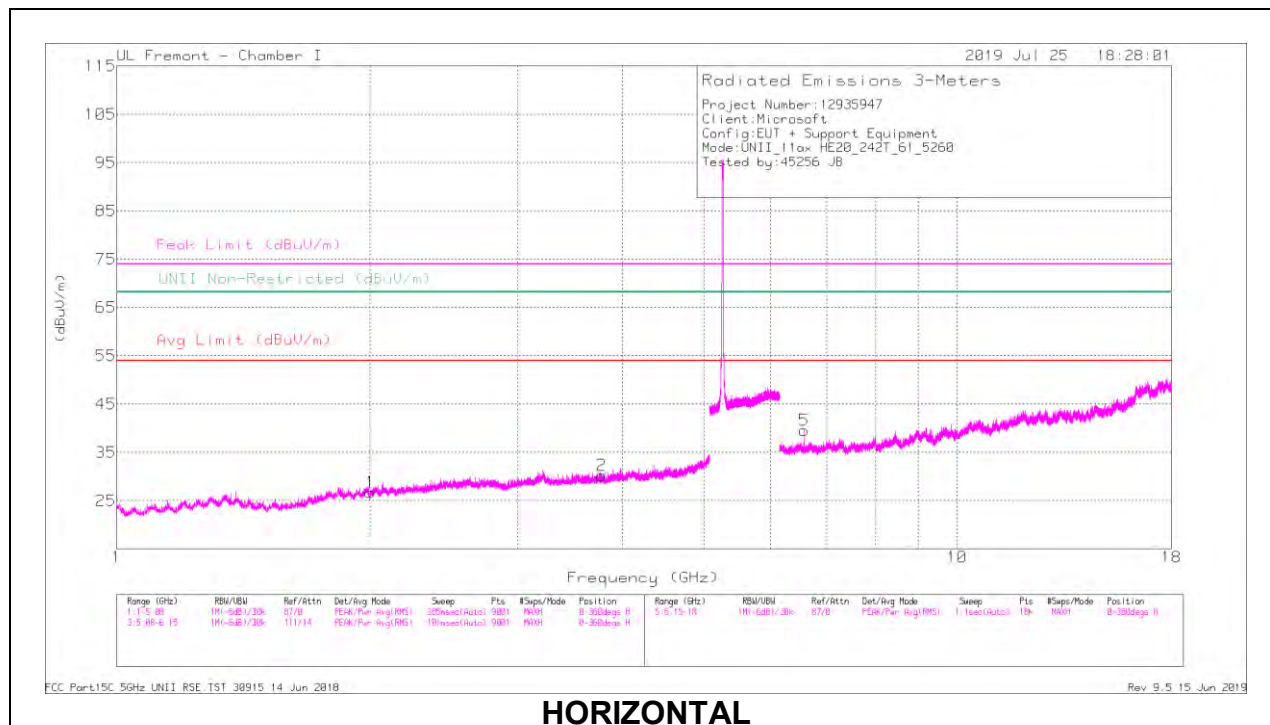
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

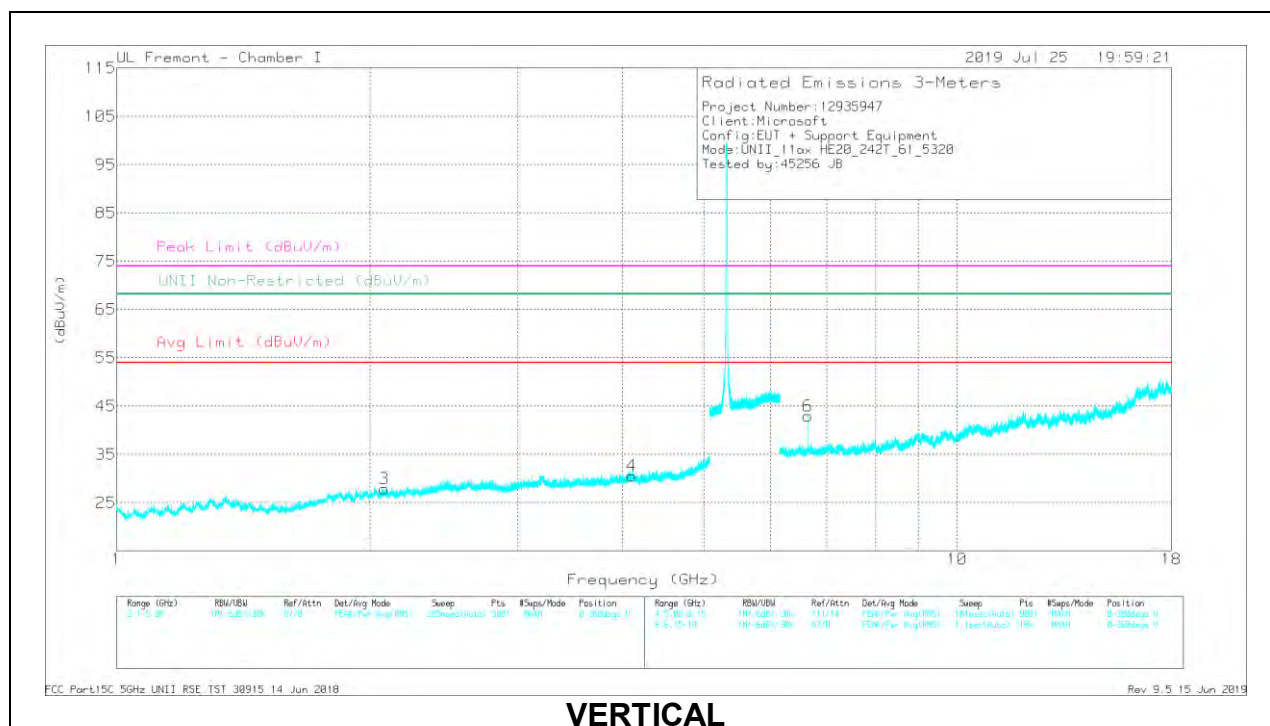
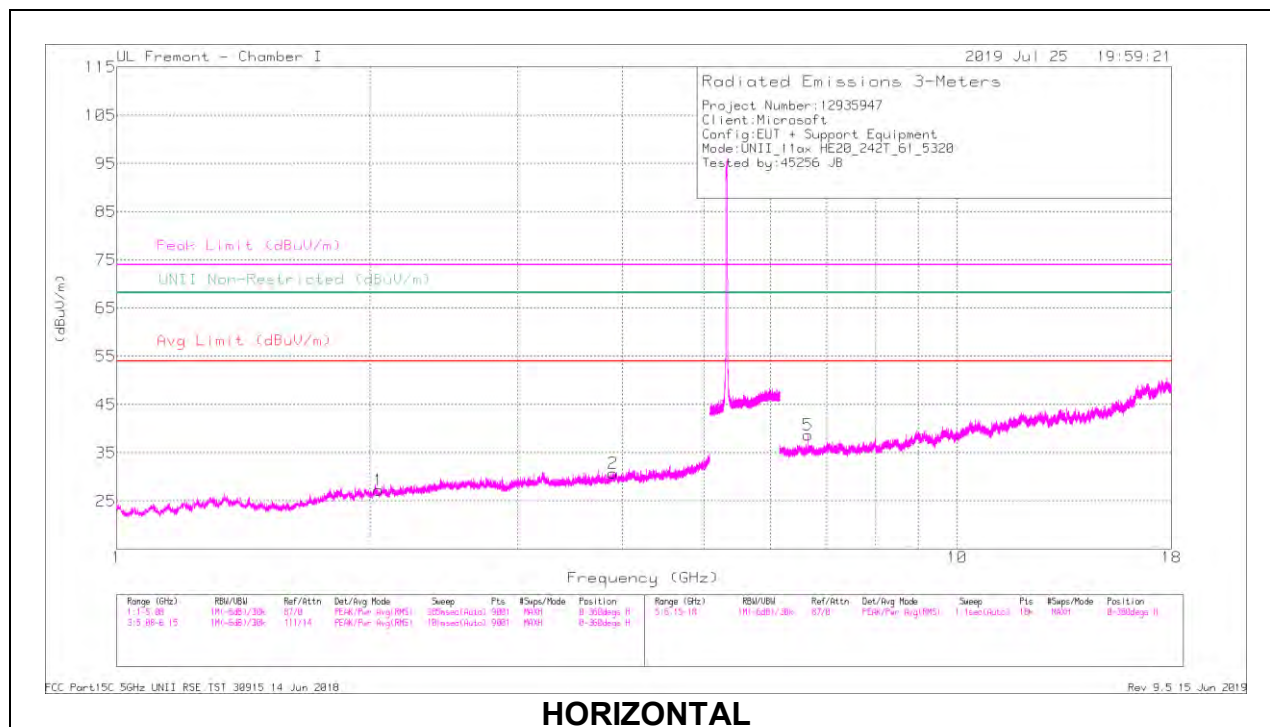
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.77592	33.34	PK-U	33	-29.4	0	36.94	-	-	74	-37.06	-	-	146	191	H
	* 3.77445	23.53	ADR	33	-29.4	0	27.13	54	-26.87	-	-	-	-	146	191	H
1	2.00428	35.13	PK-U	30.9	-32.3	0	33.73	-	-	-	-	68.2	-34.47	93	153	H
4	* 3.93153	32.41	PK-U	33.3	-28.8	0	36.91	-	-	74	-37.09	-	-	239	185	V
	* 3.93194	23.7	ADR	33.3	-28.8	0	28.2	54	-25.8	-	-	-	-	239	185	V
3	2.07126	36.77	PK-U	31.1	-32.2	0	35.67	-	-	-	-	68.2	-32.53	83	128	V
5	6.57497	30.57	PK-U	35.7	-21.9	0	44.37	-	-	-	-	68.2	-23.83	236	117	H
6	6.57509	35.66	PK-U	35.7	-21.9	0	49.46	-	-	-	-	68.2	-18.74	218	197	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/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
2	* 3.82232	31.75	PK-U	33.1	-28.7	0	36.15	-	-	74	-37.85	-	-	277	184	H
	* 3.89608	22.9	ADR	33.2	-28.8	0	27.3	54	-26.7	-	-	-	-	277	184	H
1	2.0489	35.8	PK-U	31.1	-32.3	0	34.6	-	-	-	-	68.2	-33.6	124	181	H
4	* 4.10282	32.71	PK-U	33.4	-27.9	0	38.21	-	-	74	-35.79	-	-	216	156	V
	* 4.10102	23.55	ADR	33.4	-27.9	0	29.05	54	-24.95	-	-	-	-	216	156	V
3	2.08197	36.25	PK-U	31.1	-32.2	0	35.15	-	-	-	-	68.2	-33.05	292	146	V
5	6.64981	31.69	PK-U	35.6	-21.4	0	45.89	-	-	-	-	68.2	-22.31	140	389	H
6	6.65011	33.02	PK-U	35.6	-21.4	0	47.22	-	-	-	-	68.2	-20.98	221	203	V

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

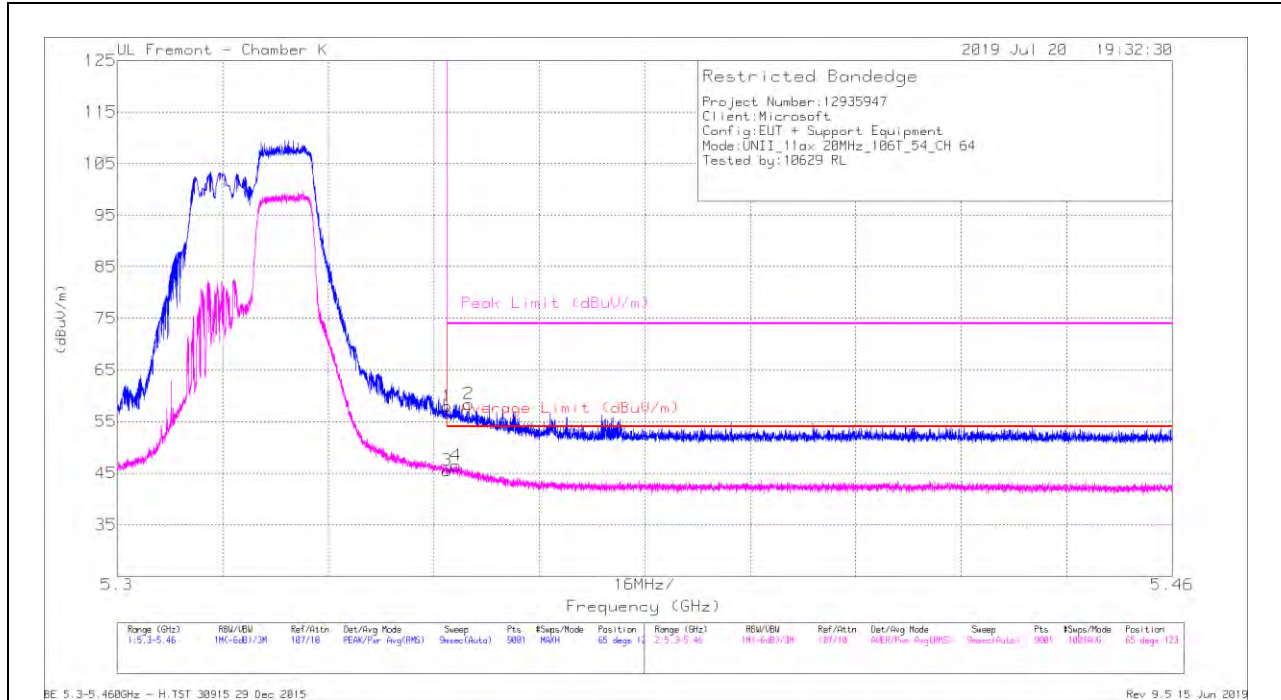
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Chain 0 + Chain 1 OFDMA MODE – 106-Tones, RU Index 54

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

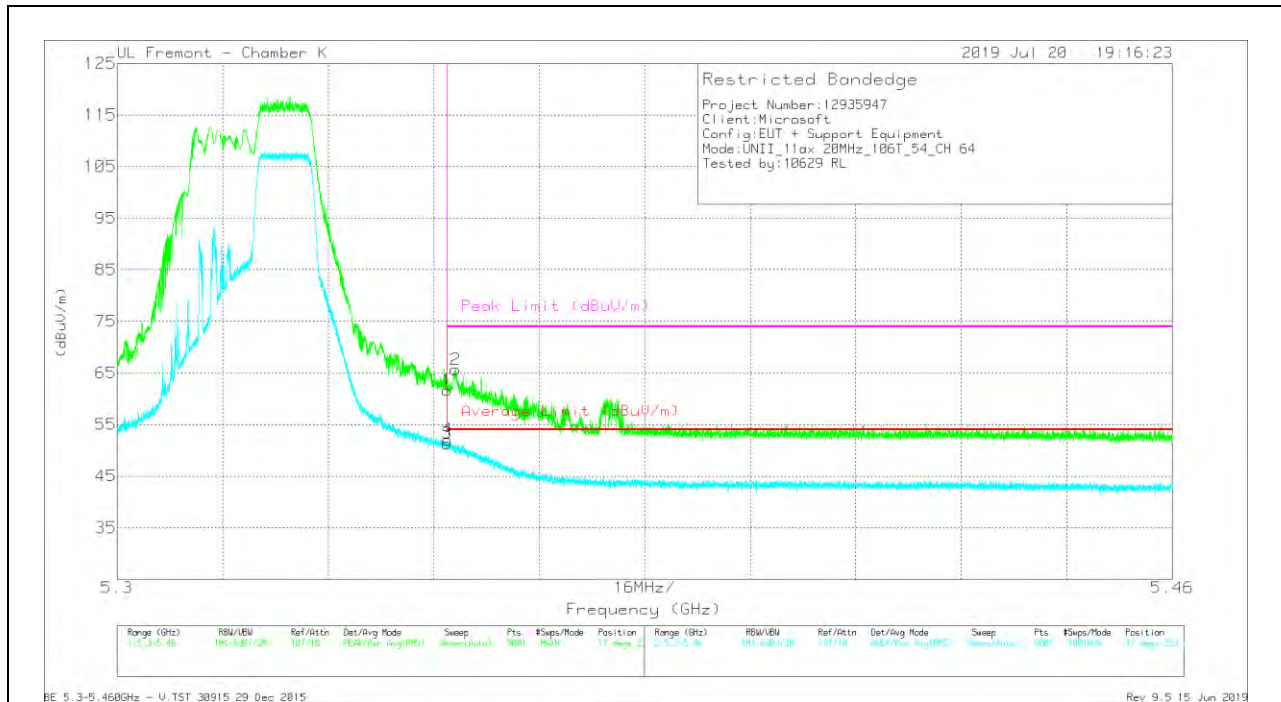
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	43.49	Pk	34.4	-19.9	0	57.99	-	-	74	-16.01	65	123	H
2	* 5.35332	43.92	Pk	34.4	-19.9	0	58.42	-	-	74	-15.58	65	123	H
3	* 5.35001	30.2	RMS	34.4	-19.9	0	44.7	54	-9.3	-	-	65	123	H
4	* 5.3514	31.2	RMS	34.4	-19.9	0	45.7	54	-8.3	-	-	65	123	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	* 5.35001	47.13	PK	34.4	-19.9	0	61.63	-	-	74	-12.37	17	233	V
2	* 5.35131	51.15	PK	34.4	-19.9	0	65.65	-	-	74	-8.35	17	233	V
3	* 5.35001	36.05	RMS	34.4	-19.9	0	50.55	54	-3.45	-	-	17	233	V
4	* 5.3501	36.77	RMS	34.4	-19.9	0	51.27	54	-2.73	-	-	17	233	V

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

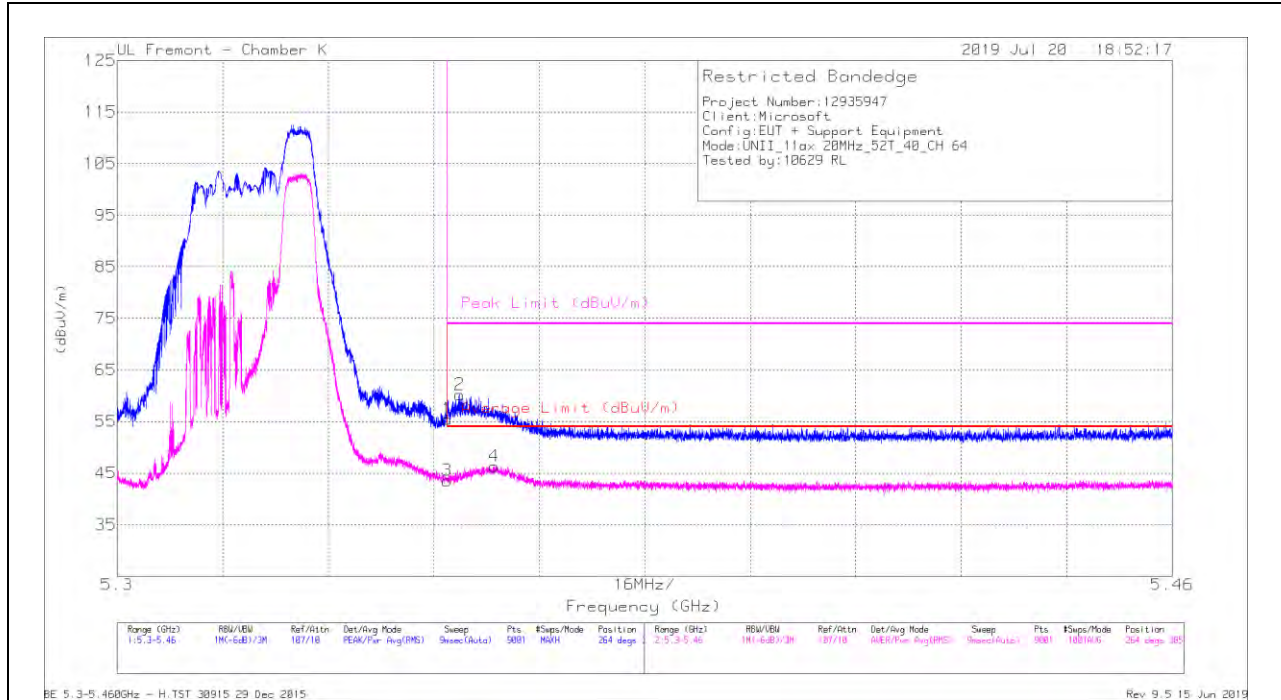
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 52-Tones, RU Index 40

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

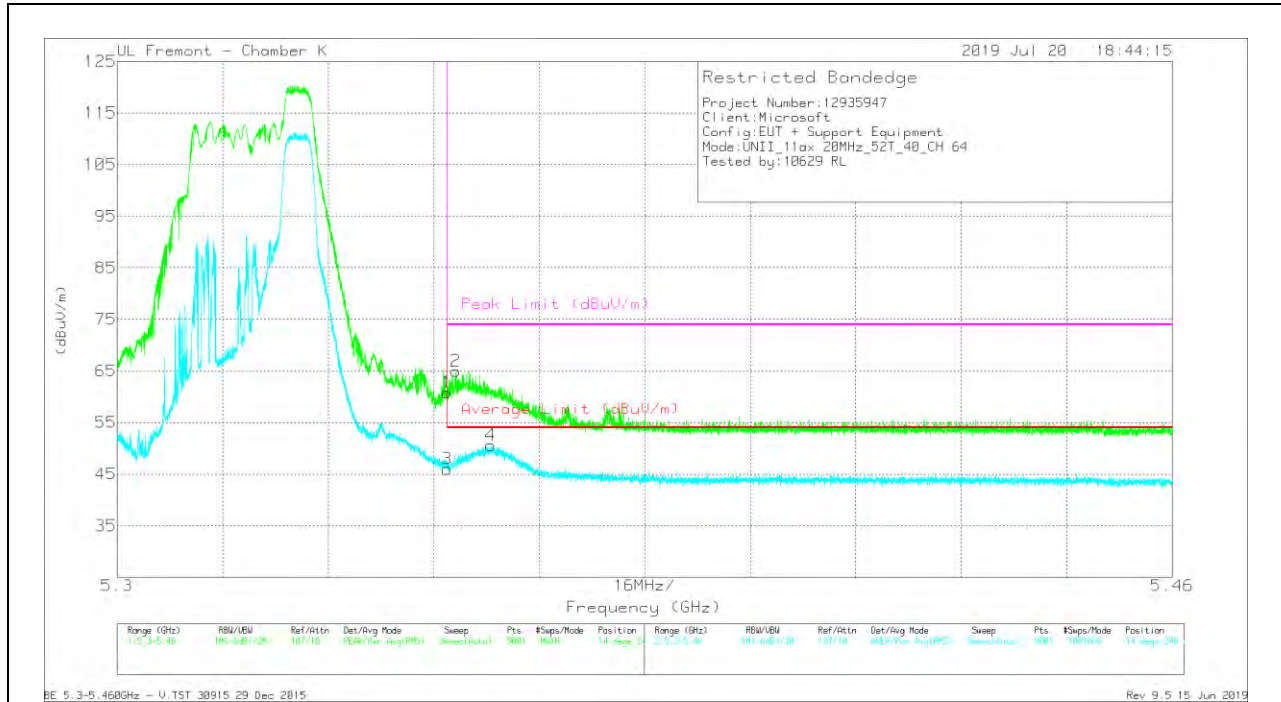
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	40.95	Pk	34.4	-19.9	0	55.45	-	-	74	-18.55	264	385	H
2	* 5.35195	45.71	Pk	34.4	-19.9	0	60.21	-	-	74	-13.79	264	385	H
3	* 5.35001	28.27	RMS	34.4	-19.9	0	42.77	54	-11.23	-	-	264	385	H
4	* 5.35719	30.93	RMS	34.4	-19.8	0	45.53	54	-8.47	-	-	264	385	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	* 5.35001	46.31	PK	34.4	-19.9	0	60.81	-	-	74	-13.19	14	248	V
2	* 5.35138	50.48	PK	34.4	-19.9	0	64.98	-	-	74	-9.02	14	248	V
3	* 5.35001	30.7	RMS	34.4	-19.9	0	45.2	54	-8.8	-	-	14	248	V
4	* 5.35664	35.27	RMS	34.4	-19.9	0	49.77	54	-4.23	-	-	14	248	V

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

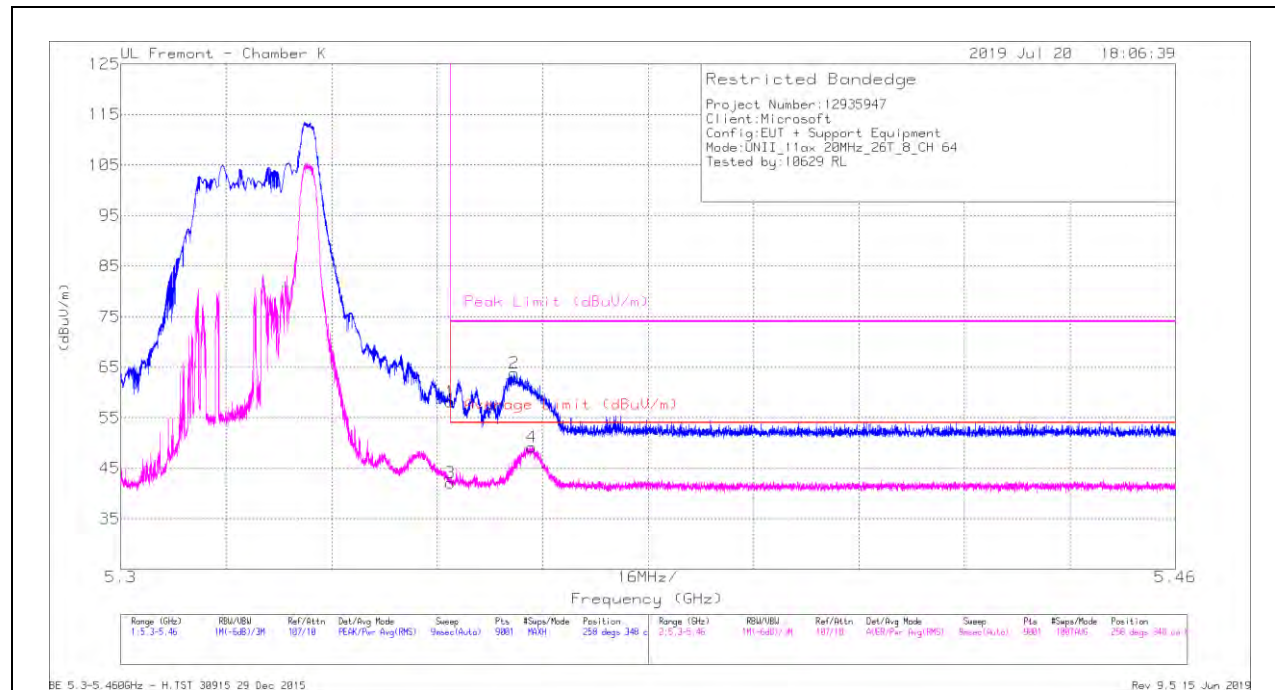
PK - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 8

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

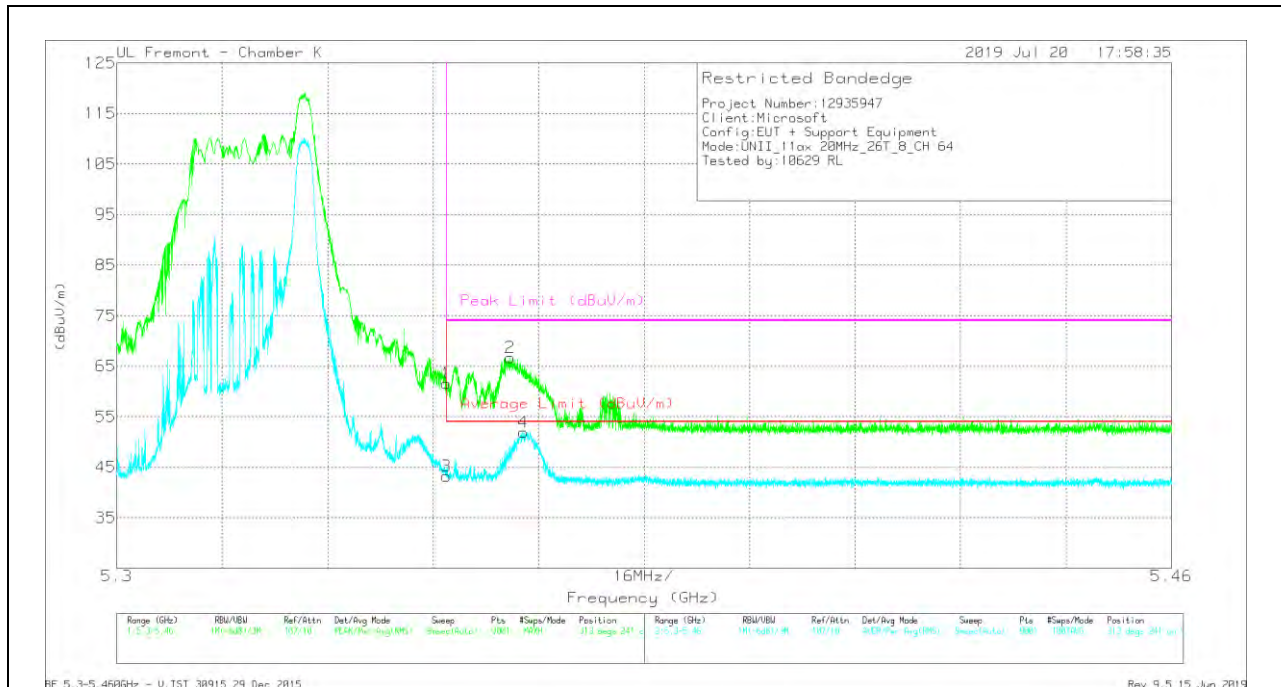
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	43.62	Pk	34.4	-19.9	0	58.12	-	-	74	-15.88	258	348	H
2	*5.35973	49.19	Pk	34.4	-19.8	0	63.79	-	-	74	-10.21	258	348	H
3	*5.35001	27.6	RMS	34.4	-19.9	0	42.1	54	-11.9	-	-	258	348	H
4	*5.36237	34.56	RMS	34.4	-19.8	0	49.16	54	-4.84	-	-	258	348	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	47.12	Pk	34.4	-19.9	0	61.62	-	-	74	-12.38	313	241	V
2	* 5.35973	52.03	Pk	34.4	-19.8	0	66.63	-	-	74	-7.37	313	241	V
3	* 5.35001	28.66	RMS	34.4	-19.9	0	43.16	54	-10.84	-	-	313	241	V
4	* 5.36167	37.34	RMS	34.4	-19.8	0	51.94	54	-2.06	-	-	313	241	V

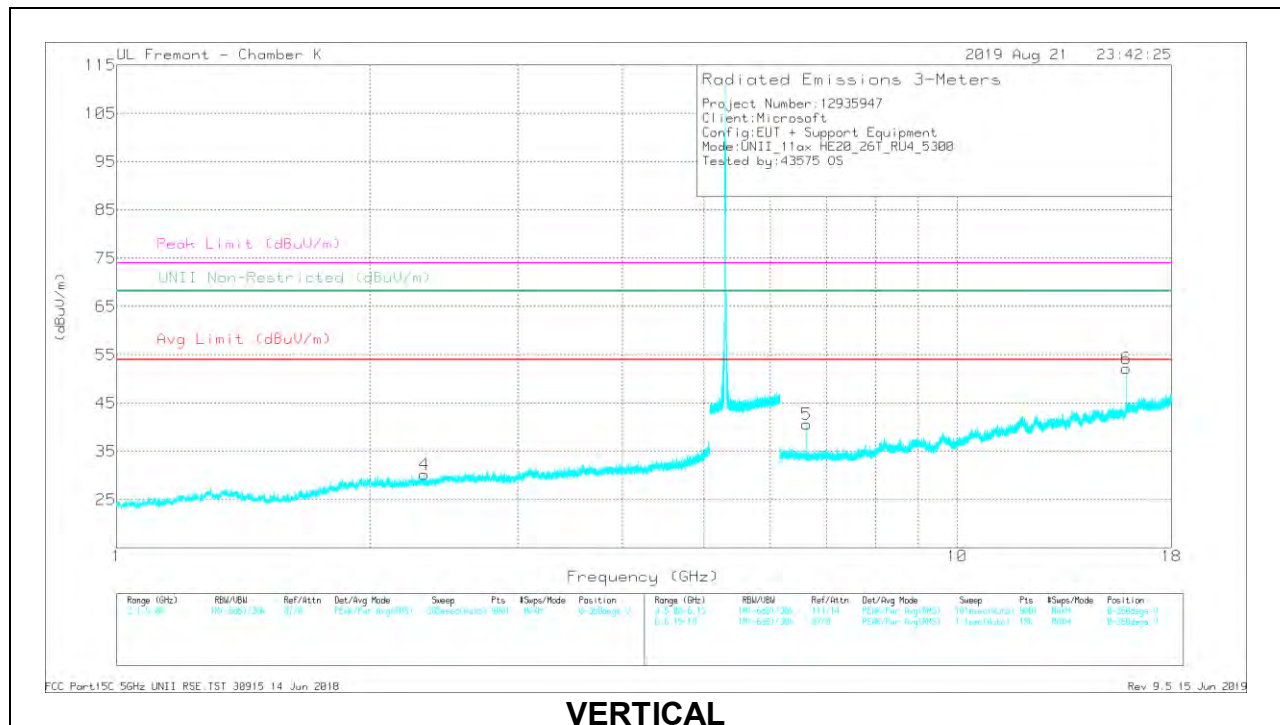
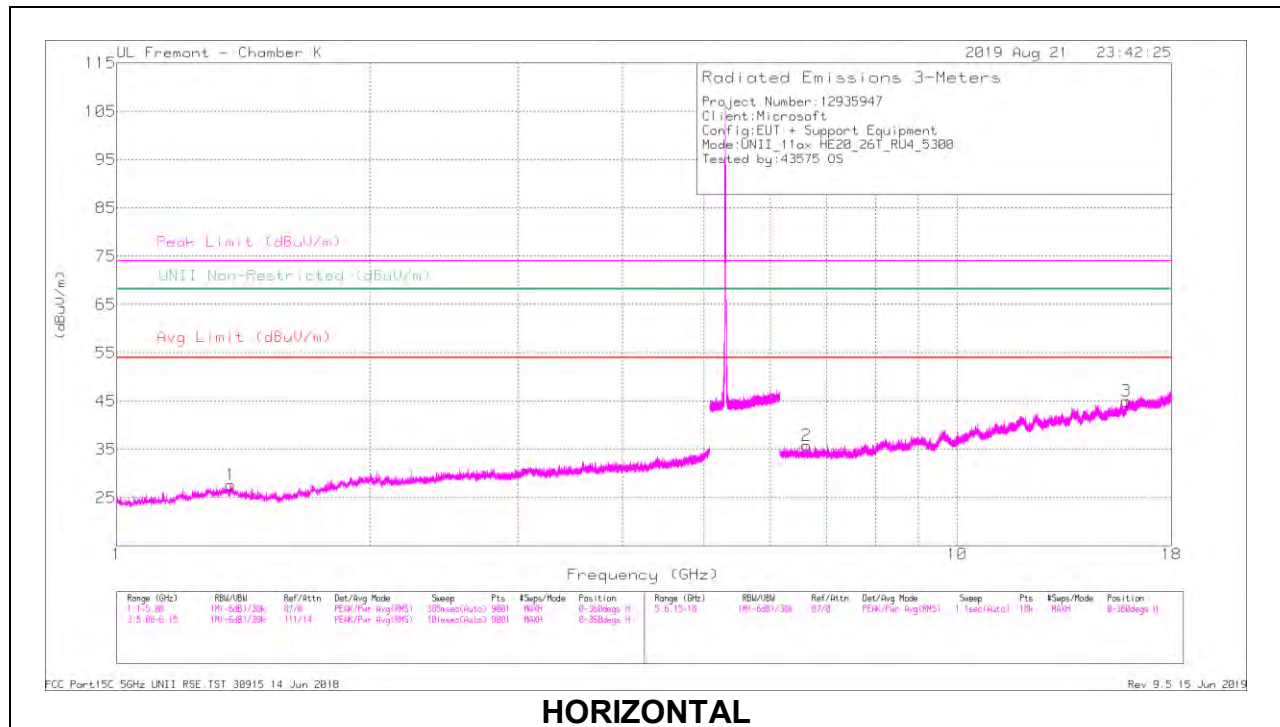
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 26-Tones, RU Index 4
HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dBm)	Amp/Cm/ft/ir/Pa d (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 (Degree)	Height (cm)	Polarity
1	* 1.36653	41.15	PK-U	29.6	-35.3	0	35.45	-	-	74	-38.55	-	-	148	383	H
	* 1.36558	30.45	ADR	29.6	-35.2	0	24.85	54	-29.15	-	-	-	-	148	383	H
4	* 2.32211	40.96	PK-U	31.6	-35.1	0	37.46	-	-	74	-36.54	-	-	197	227	V
	* 2.31994	30.94	ADR	31.6	-35.1	0	27.44	54	-26.56	-	-	-	-	197	227	V
2	6.62496	34.9	PK-U	35.7	-27.2	0	43.4	-	-	-	-	68.2	-24.8	248	163	H
3	* 15.89886	31.12	PK-U	40.2	-17.8	0	53.52	-	-	74	-20.48	-	-	49	199	H
	* 15.89997	21.41	ADR	40.2	-17.8	0	43.81	54	-10.19	-	-	-	-	49	199	H
5	6.6249	38	PK-U	35.7	-27.2	0	46.5	-	-	-	-	68.2	-21.7	299	234	V
	* 15.8993	37.46	PK-U	40.2	-17.8	0	59.86	-	-	74	-14.14	-	-	347	215	V
6	* 15.89929	28.33	ADR	40.2	-17.8	0	50.73	54	-3.27	-	-	-	-	347	215	V

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

PK-U - U-NII: Maximum Peak

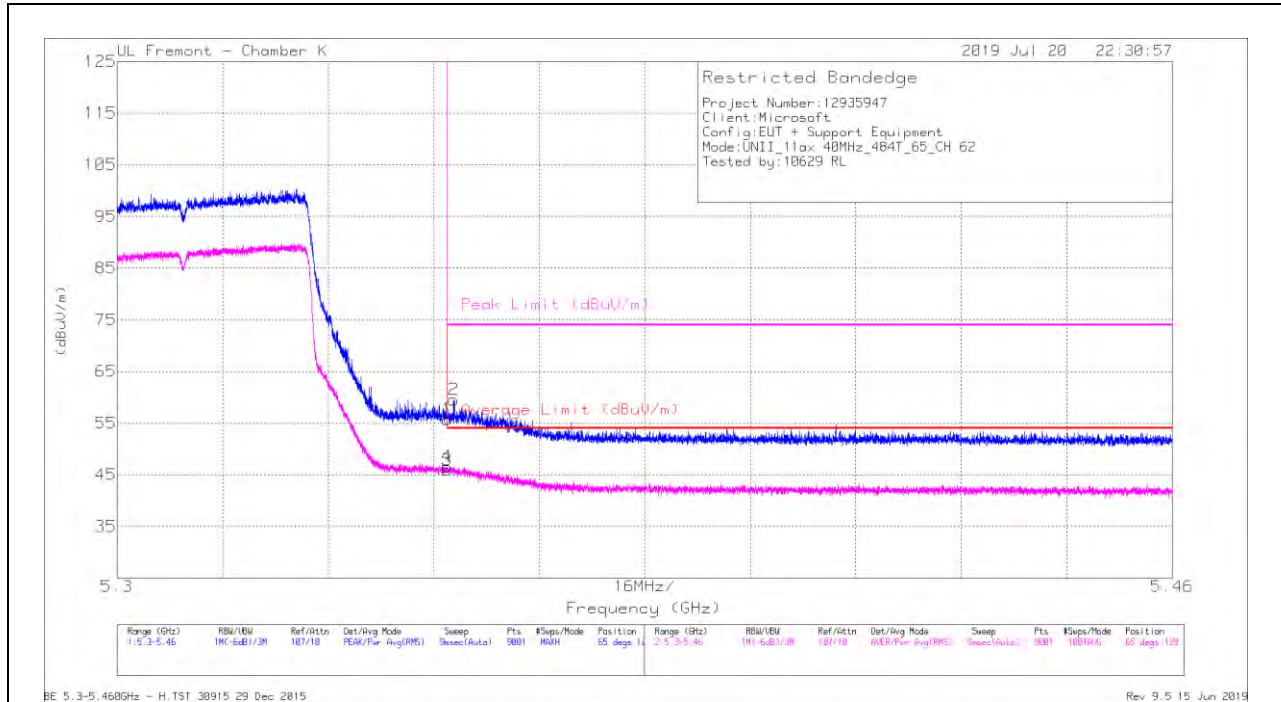
ADR - U-NII AD primary method, RMS average

9.1.5. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.3 GHz BAND

2TX Chain 0 + Chain 1 OFDMA MODE – 484-Tones, RU Index 65

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

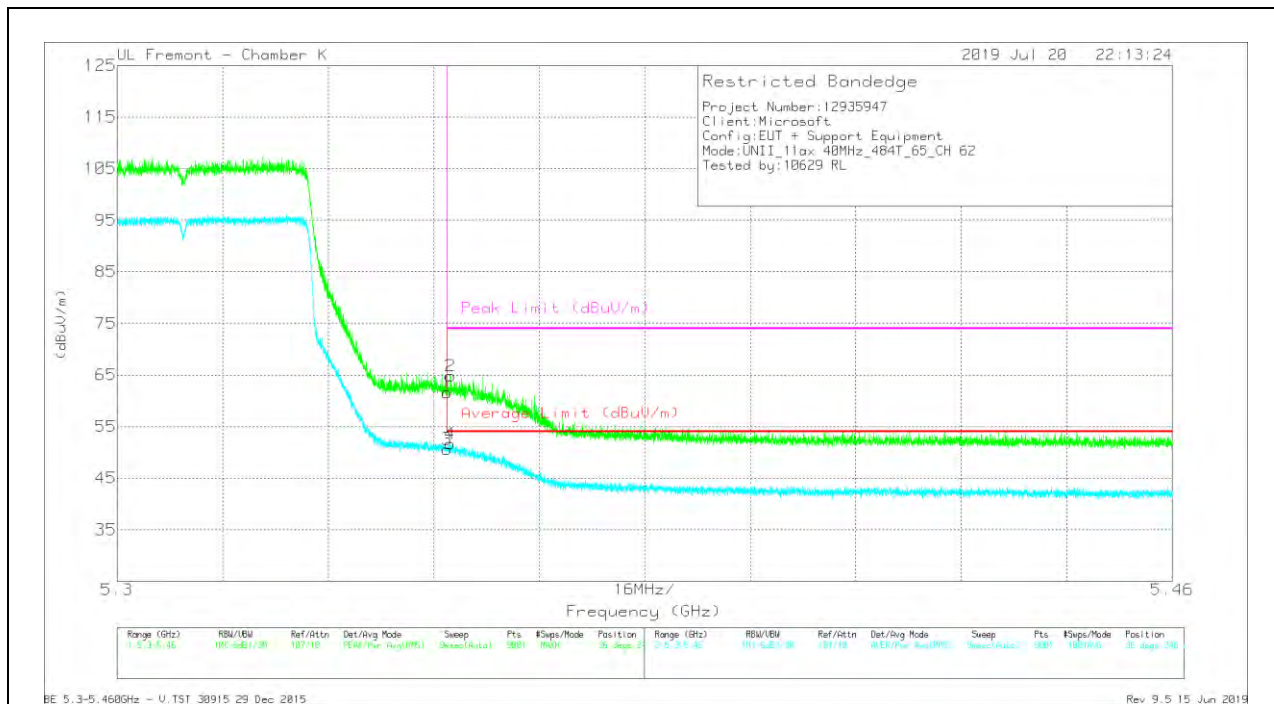
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*5.35001	41.2	Pk	34.4	-19.9	0	55.7	-	-	74	-18.3	65	129	H
2	*5.35101	45.02	Pk	34.4	-19.9	0	59.52	-	-	74	-14.48	65	129	H
3	*5.35001	30.59	RMS	34.4	-19.9	0	45.09	54	-8.91	-	-	65	129	H
4	*5.35005	31.26	RMS	34.4	-19.9	0	45.76	54	-8.24	-	-	65	129	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	* 5.35001	47.1	Pk	34.4	-19.9	0	61.6	-	-	74	-12.4	36	246	V
2	* 5.35054	50.29	PK	34.4	-19.9	0	64.79	-	-	74	-9.21	36	246	V
3	* 5.35001	35.25	RMS	34.4	-19.9	0	49.75	54	-4.25	-	-	36	246	V
4	* 5.35053	36.34	RMS	34.4	-19.9	0	50.84	54	-3.16	-	-	36	246	V

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

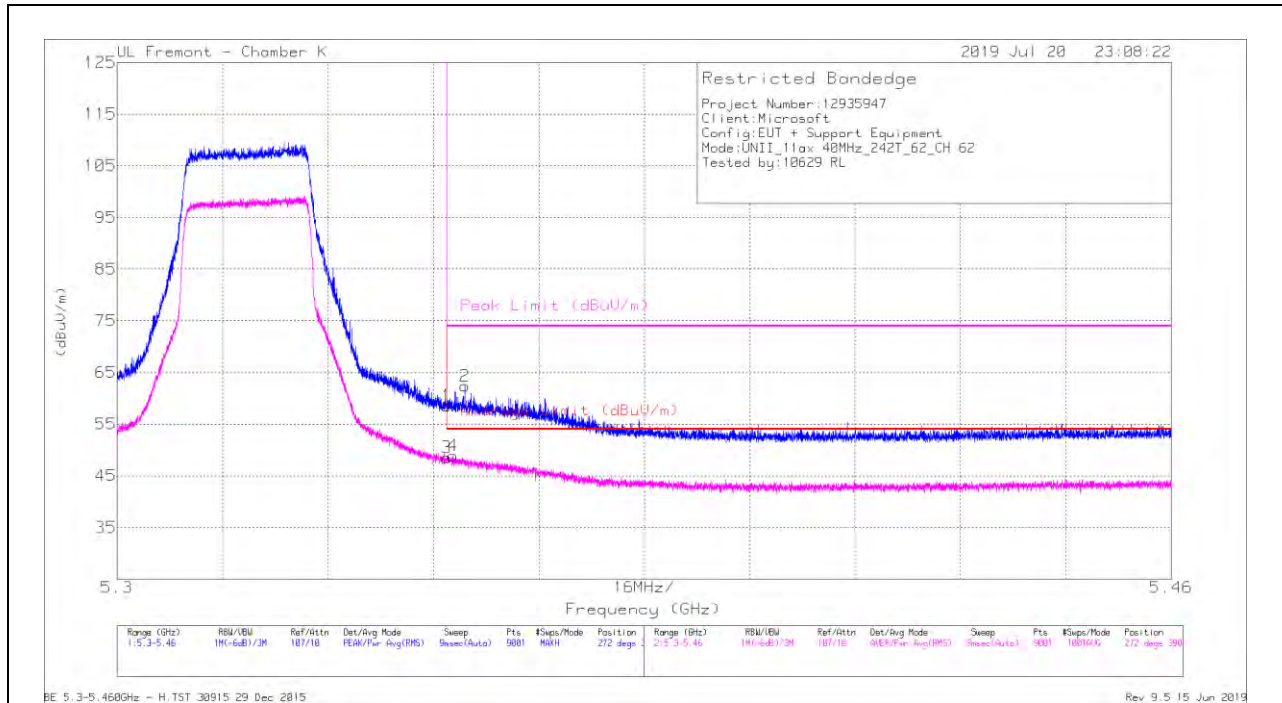
Pk - Peak detector

RMS - RMS detection

2TX Chain 0 + Chain 1 OFDMA MODE – 242-Tones, RU Index 62

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	*5.35001	44.03	Pk	34.4	-19.9	0	58.53	-	-	74	-15.47	272	390	H
2	*5.35277	47.88	Pk	34.4	-19.9	0	62.38	-	-	74	-11.62	272	390	H
3	*5.35001	33.18	RMS	34.4	-19.9	0	47.68	54	-6.32	-	-	272	390	H
4	*5.35097	33.51	RMS	34.4	-19.9	0	48.01	54	-5.99	-	-	272	390	H

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

Pk - Peak detector

RMS - RMS detection