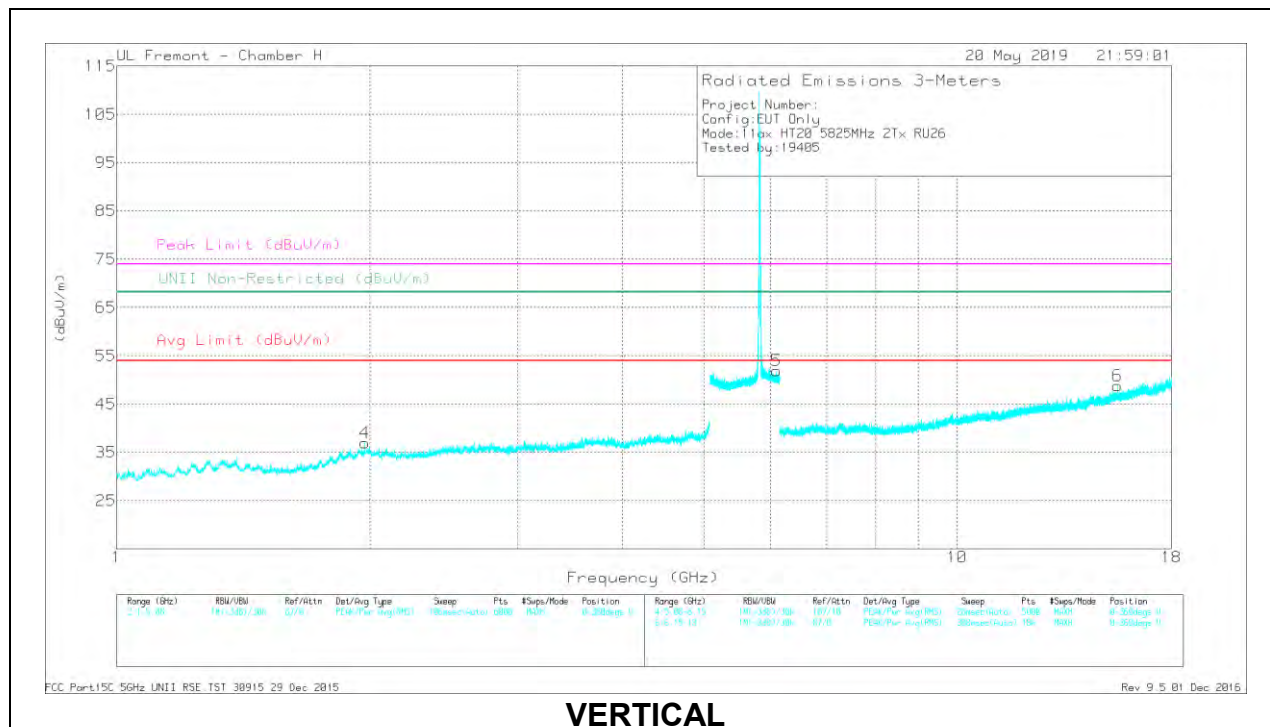
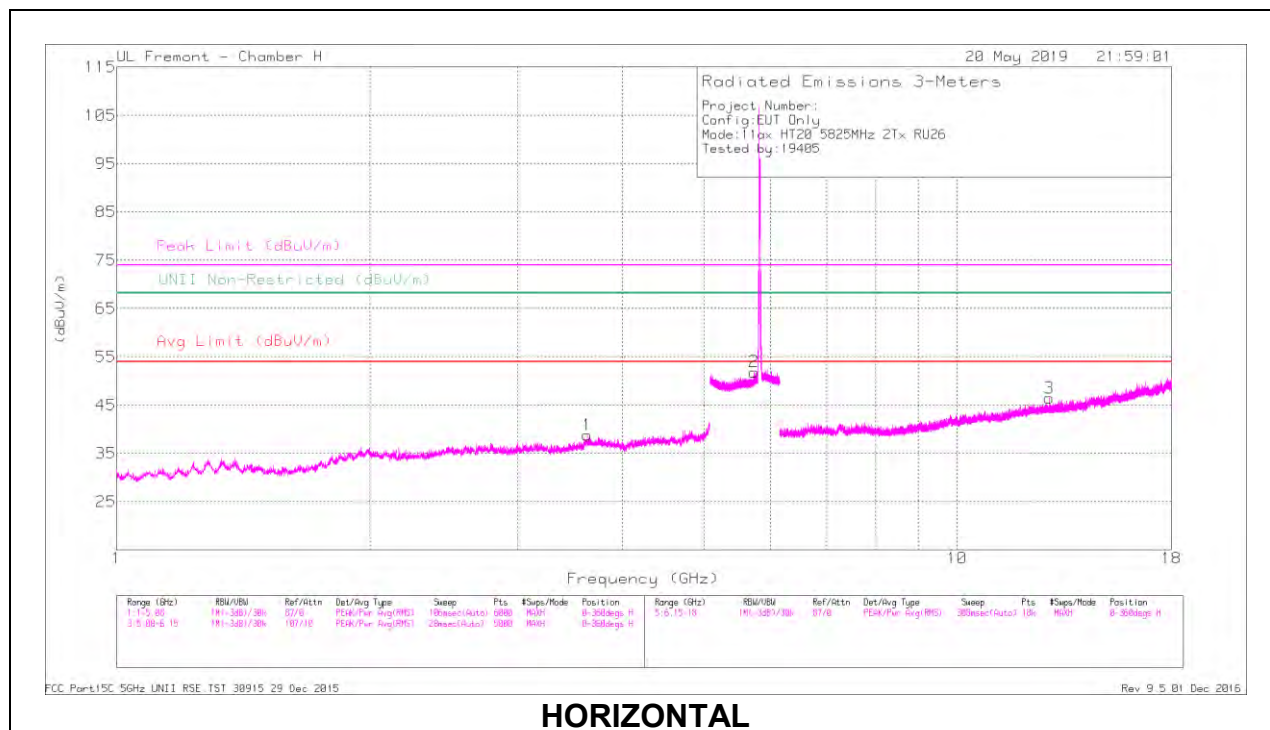


HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.632	41.88	PK-U	33.1	-31	0	43.98	-	-	74	-30.02	-	-	319	212	H
	* 3.63	30.55	ADR	33.1	-31	0	32.65	54	-21.35	-	-	-	-	319	212	H
6	* 15.517	35.95	PK-U	40.9	-22.7	0	54.15	-	-	74	-19.85	-	-	344	295	V
	* 15.514	25.01	ADR	40.8	-22.7	0	43.11	54	-10.89	-	-	-	-	344	295	V
4	1.973	43.25	PK-U	32	-32.2	0	43.05	-	-	-	-	68.2	-25.15	203	148	V
	1.973	31.79	ADR	32	-32.2	0	31.59	-	-	-	-	-	-	203	148	V
2	5.734	43.26	PK-U	35.2	-20.7	0	57.76	-	-	-	-	68.2	-10.44	132	264	H
	5.736	31.96	ADR	35.2	-20.7	0	46.46	-	-	-	-	-	-	132	264	H
5	6.1	30.93	ADR	35.7	-19.8	0	46.83	-	-	-	-	-	-	23	369	V
	6.103	41.93	PK-U	35.6	-19.8	0	57.73	-	-	-	-	68.2	-10.47	23	369	V
3	12.88	24.83	ADR	39.4	-23.2	0	41.03	-	-	-	-	-	-	263	155	H
	12.882	35.98	PK-U	39.3	-23.2	0	52.08	-	-	-	-	68.2	-16.12	263	155	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

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

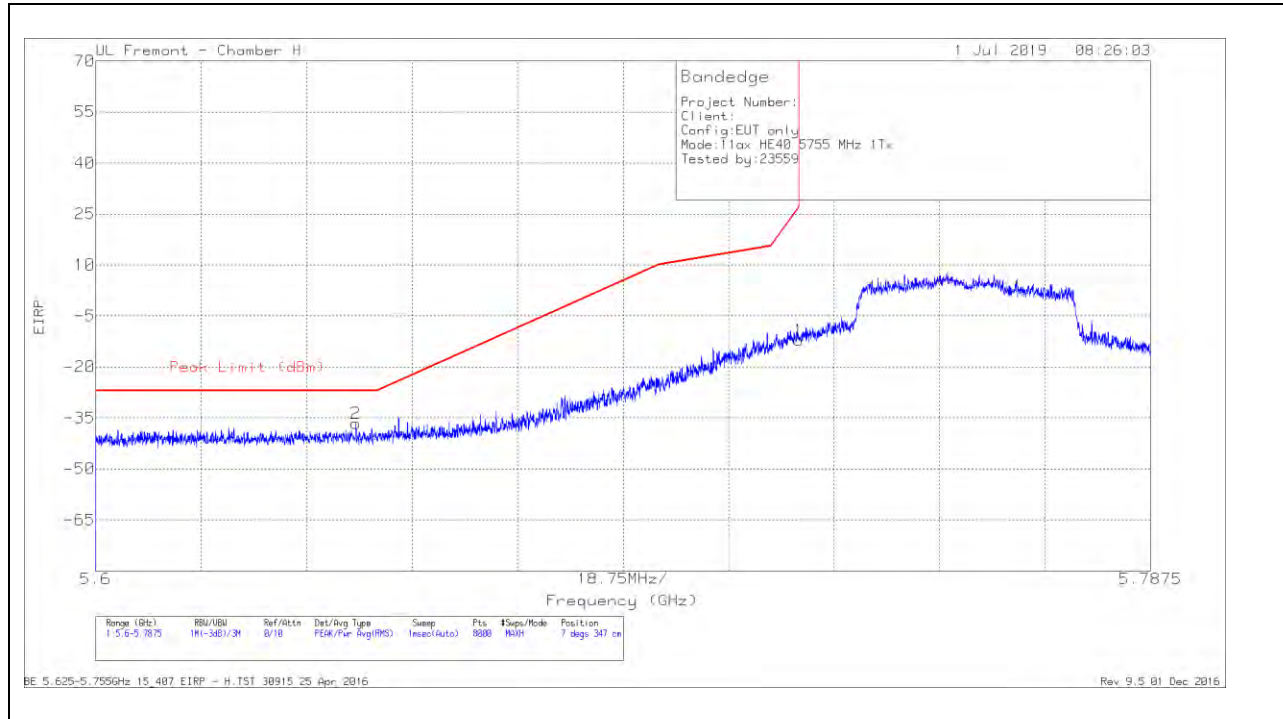
Rev 9.5 01 Dec 2016

1.1.23. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE 5.8 GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



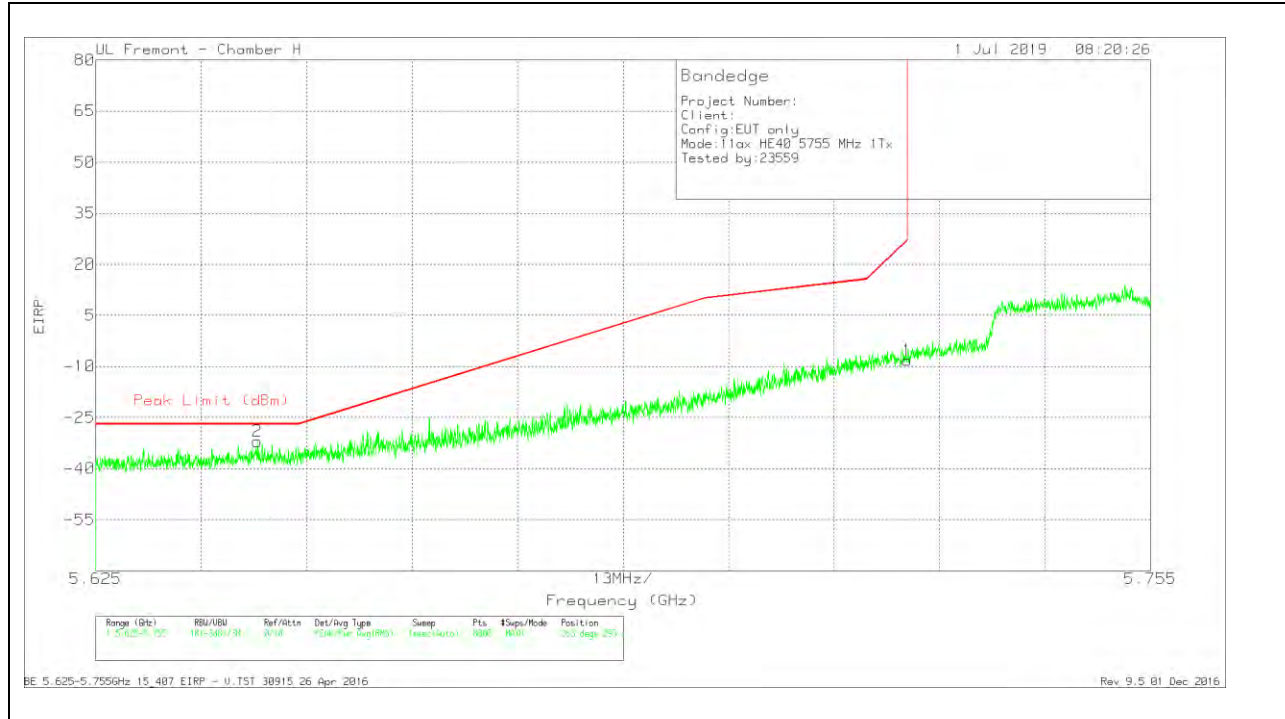
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-63.02	Pk	35.2	-20.6	11.8	0	-36.62	-27	-9.62	7	347	H
1	5.725	-38.29	PK	35	-20.7	11.8	0	-12.19	26.96	-39.15	7	347	H

Pk - Peak detector

BE 5.625-5.755GHz 15.407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-58.44	Pk	35.2	-20.6	11.8	0	-32.04	-27	-5.04	263	293	V
1	5.725	-34.3	Pk	35	-20.7	11.8	0	-8.2	27	-35.2	263	293	V

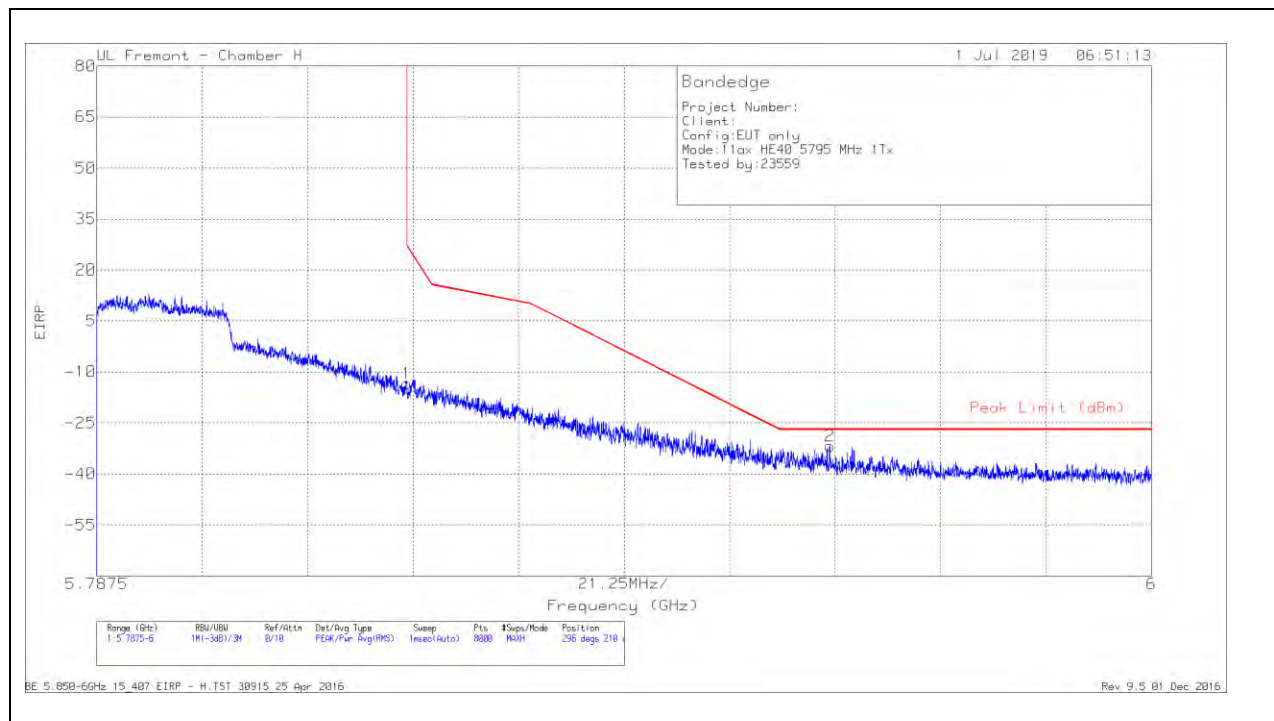
Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/CbI/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-39.83	PK	35	-20.4	11.8	0	-13.43	26.98	-40.41	296	210	H
2	5.935	-58.43	PK	35.1	-20.2	11.8	0	-31.73	-27	-4.73	296	210	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

UL Fremont - Chamber H

1 Jul 2019 07:01:35

Bandedge

Project Number:

Client:

Config:EUT only

Mode:Flax HE40 5795 MHz 1Tx

Tested by:23559

EIRP

Frequency (GHz)

Peak Limit (dBm)

20MHz/

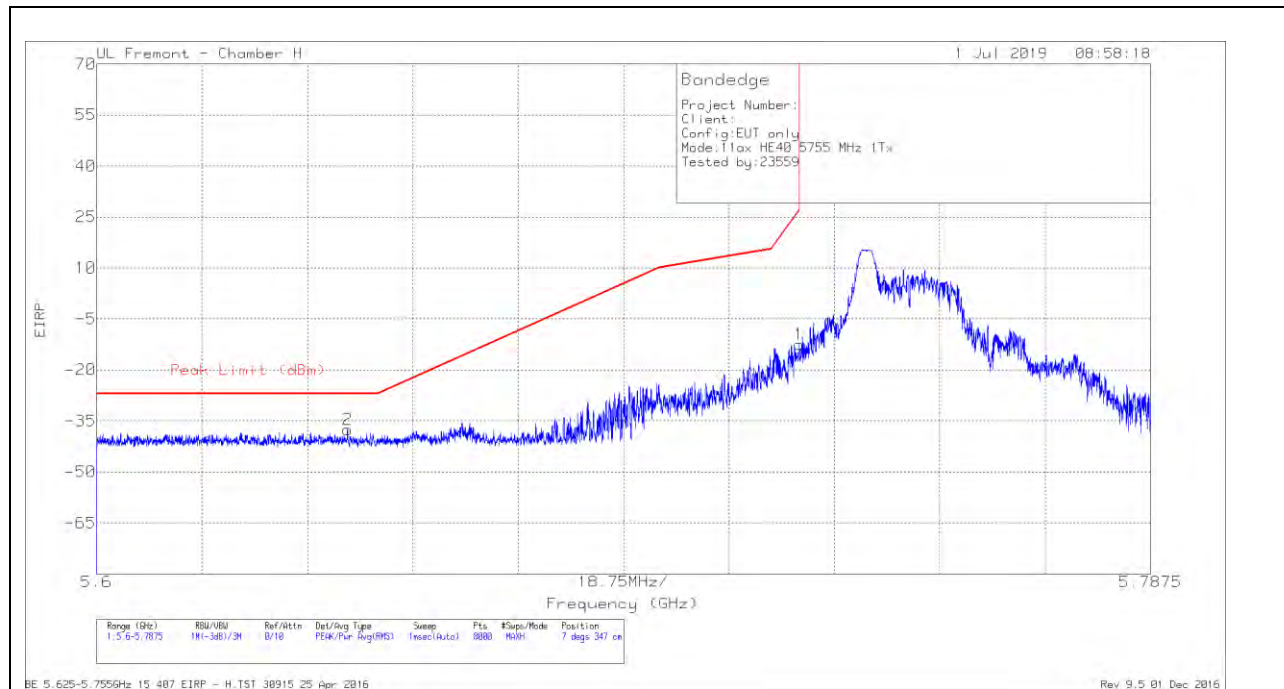
Range (GHz)	RBW/UBW	Ref/Att'n	Det/Avg Type	Sweep	PLs	ISupp/Mode	Position
1.5-6	1K=300/30	0/0	Peak/Avg Avg(RMS)	Interleave	0/0	NOI	0.71 degs 25

BE 5.850-6GHz 15.487 EIRP - U.TST 30915 26 Apr 2016

Rev. 9.5 01 Dec 2016

Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-39.7	Pk	35	-20.4	11.8	0	-13.3	26.99	-40.29	277	297	V
2	5.925	-58.36	Pk	35.1	-20.2	11.8	0	-31.66	-26.86	-4.8	277	297	V

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016
Rev 9.5 01 Dec 2016

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

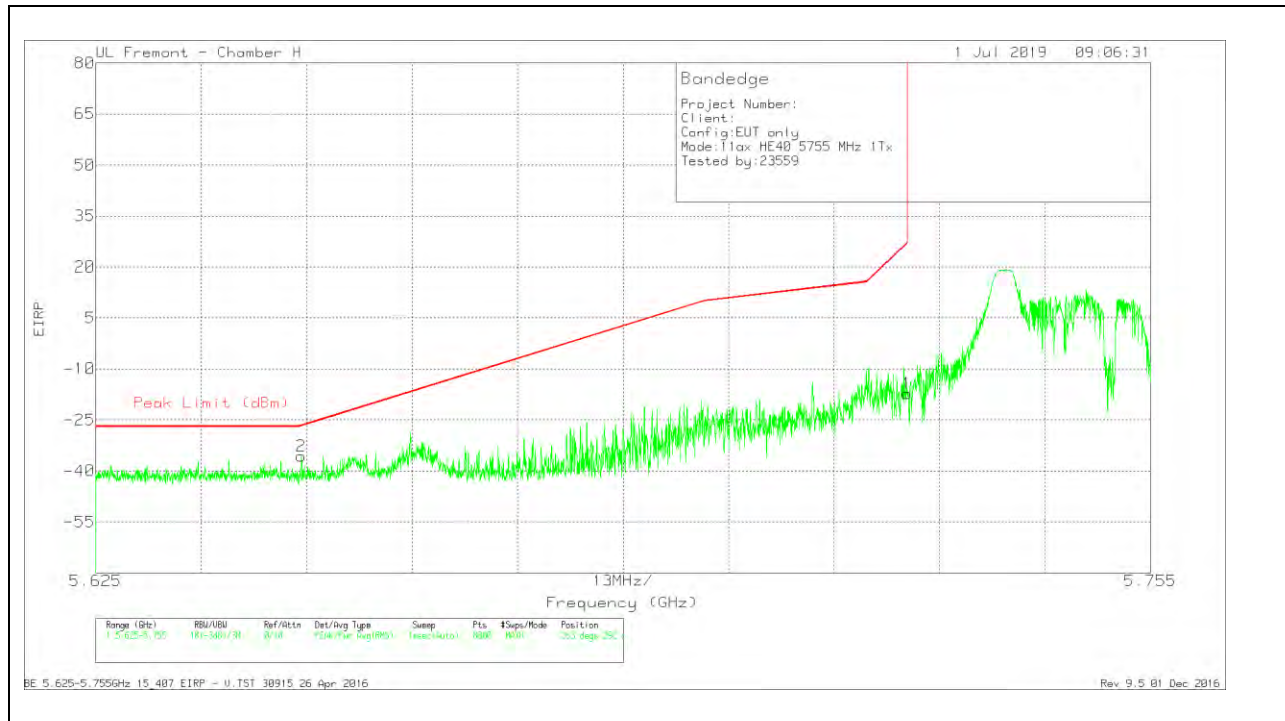
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-63.92	Pk	35.2	-20.6	11.8	0	-37.52	-27	-10.52	7	347	H
1	5.725	-38.65	Pk	35	-20.7	11.8	0	-12.55	26.96	-39.51	7	347	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

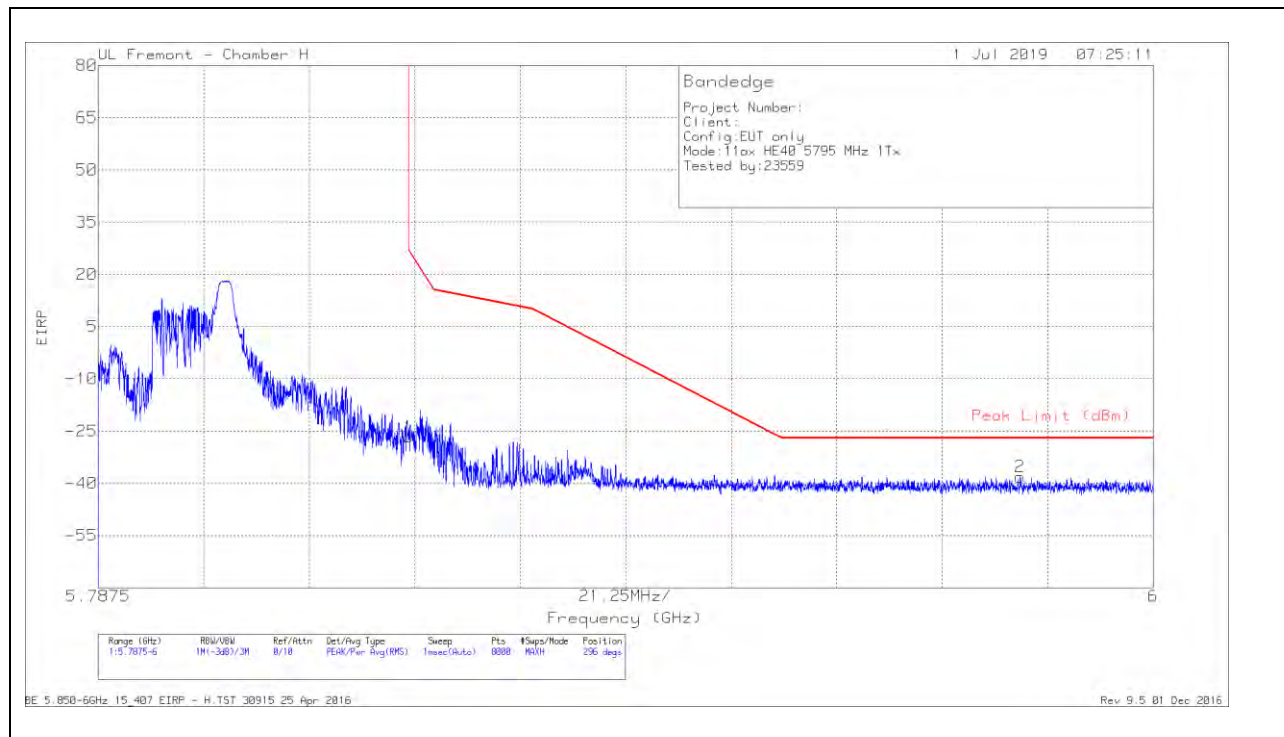


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-61.9	Pk	35.1	-20.6	11.8	0	-35.6	-26.75	-8.85	263	292	V
1	5.725	-43.26	Pk	35	-20.7	11.8	0	-17.16	27	-44.16	263	292	V

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

1TX Antenna 6 MODE – 26 Tones, RU Index 17**BANDEGE (HIGH CHANNEL)****HORIZONTAL RESULT**

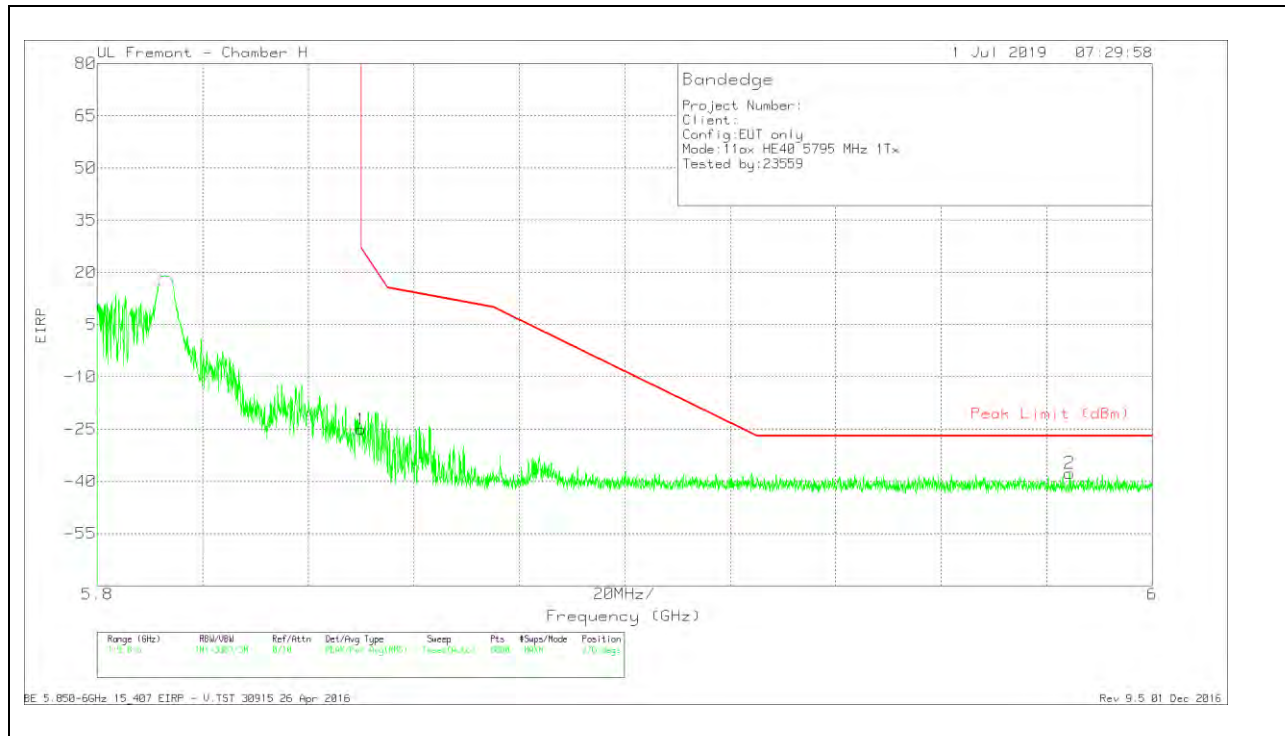
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.13	Pk	35	-20.4	11.8	0	-26.73	26.98	-53.71	296	210	H
2	5.973	-65.06	Pk	35.2	-20.1	11.8	0	-38.16	-27	-11.16	296	210	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.51	Pk	35	-20.4	11.8	0	-25.11	26.99	-52.1	276	298	V
2	5.984	-64.69	Pk	35.2	-20	11.8	0	-37.69	-27	-10.69	276	298	V

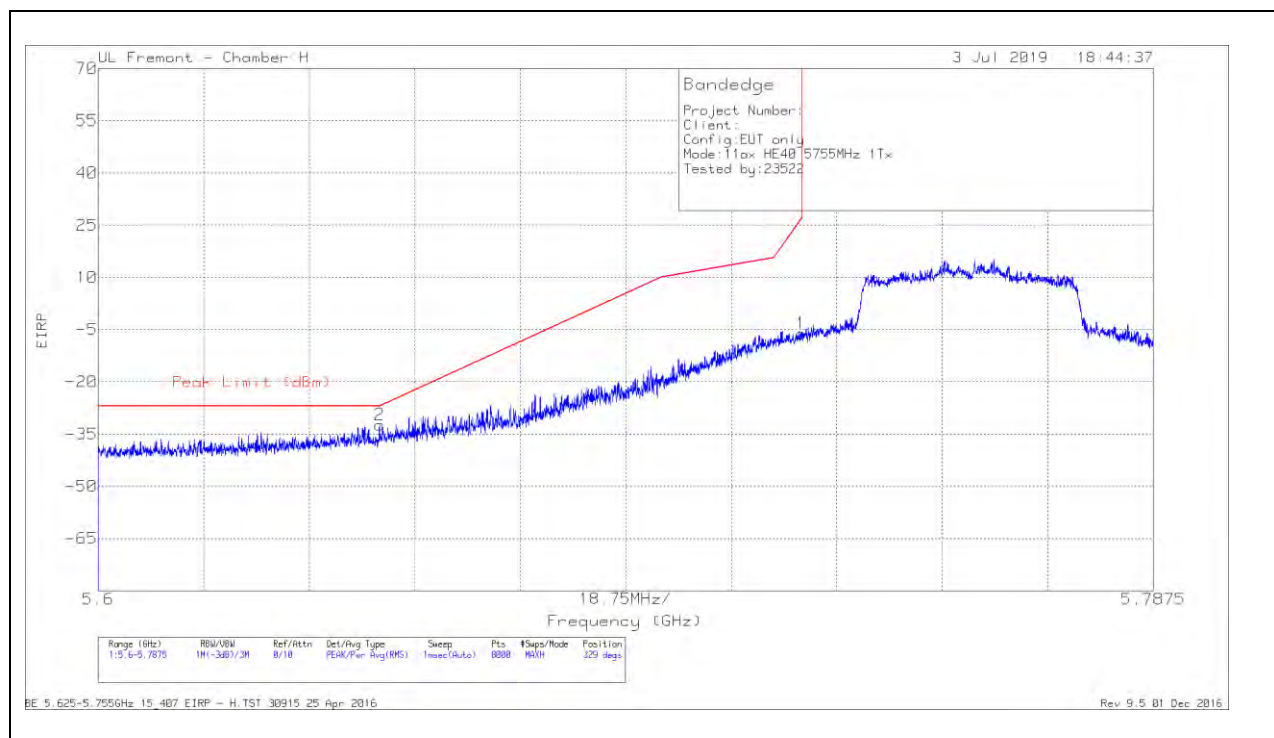
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016
Rev 9.5 01 Dec 2016

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



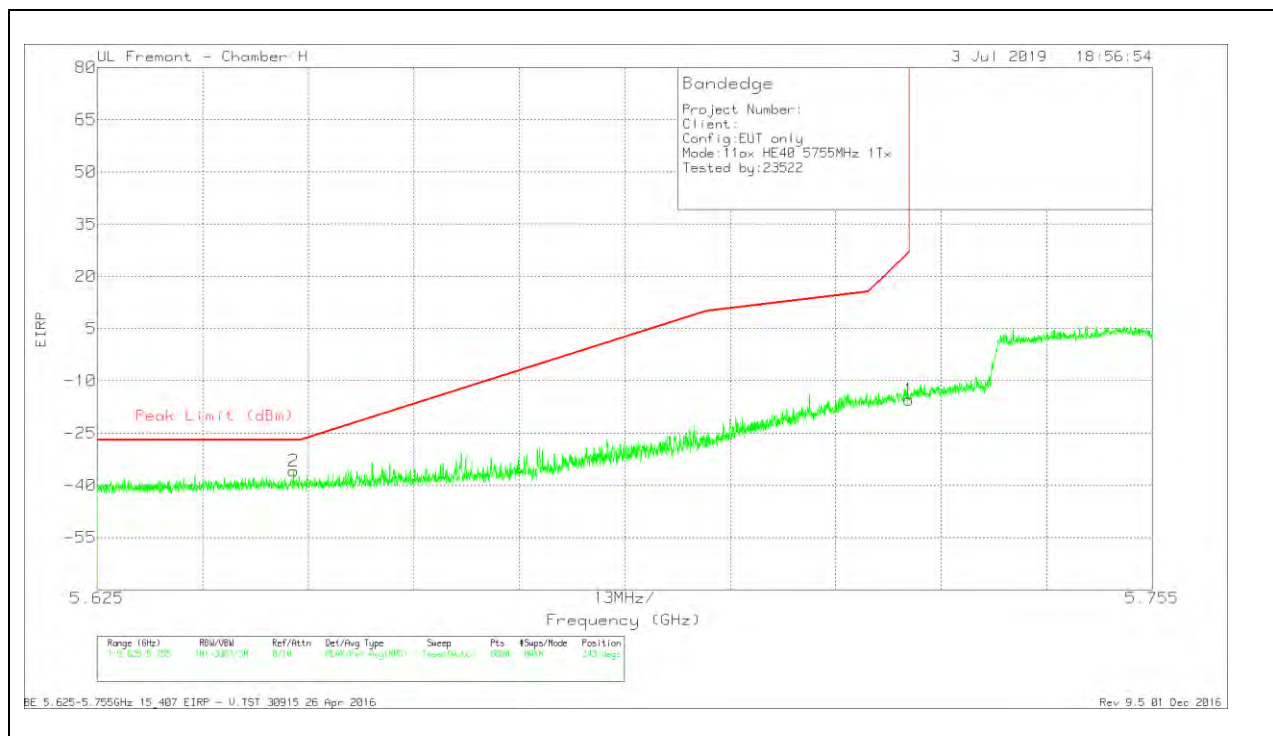
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-58.68	Pk	35.1	-20.6	11.8	0	-32.38	-27	-5.38	329	217	H
1	5.725	-32.22	Pk	35	-20.7	11.8	0	-6.12	26.96	-33.08	329	217	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-62.22	Pk	35.1	-20.6	11.8	0	-35.92	-27	-8.92	243	144	V
1	5.725	-41.53	Pk	35	-20.7	11.8	0	-15.43	27	-42.43	243	144	V

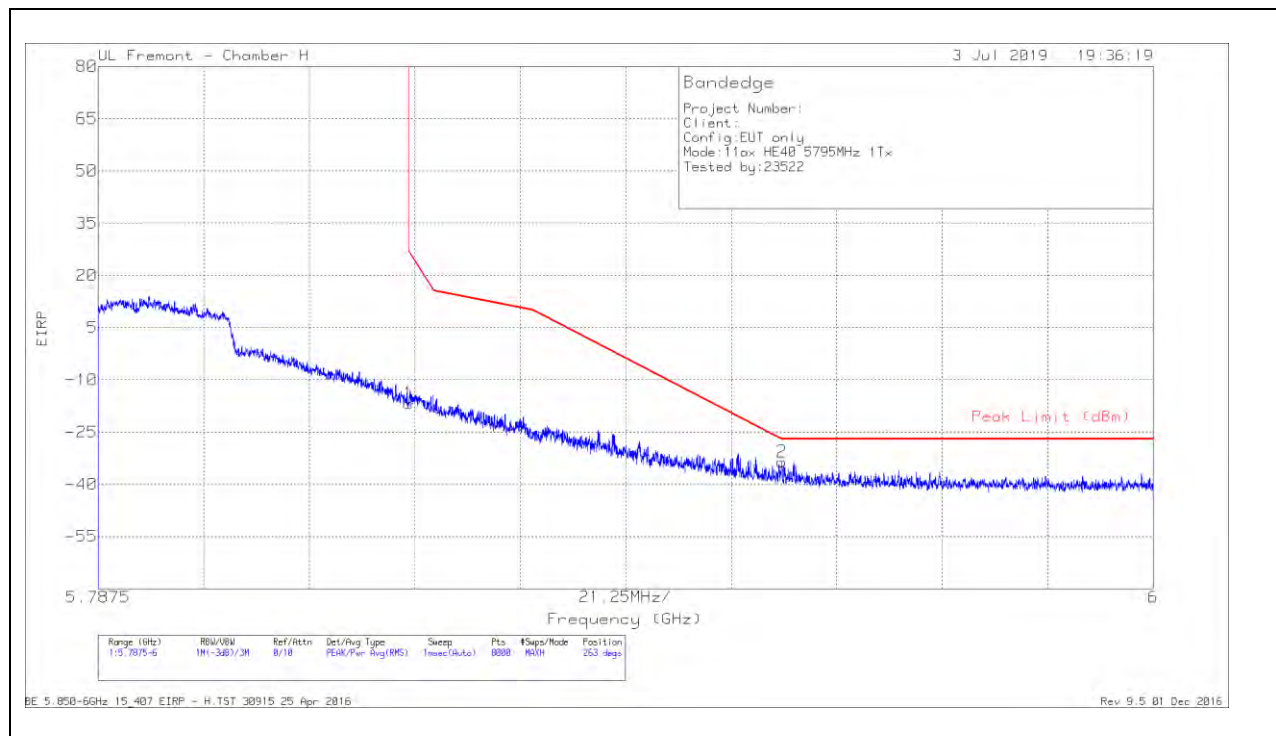
Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



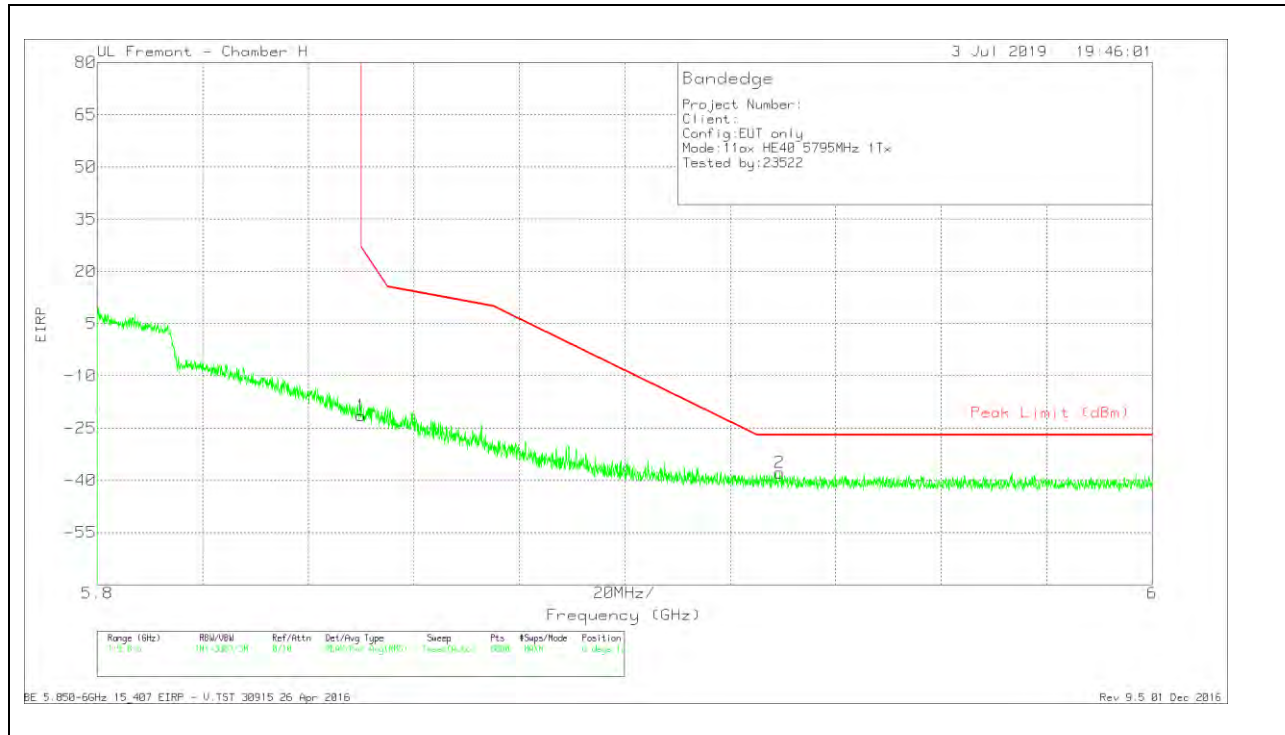
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.15	Pk	35	-20.4	11.8	0	-16.75	26.98	-43.73	263	133	H
2	5.925	-60.26	PK	35.1	-20.2	11.8	0	-33.56	-27	-6.56	263	133	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT

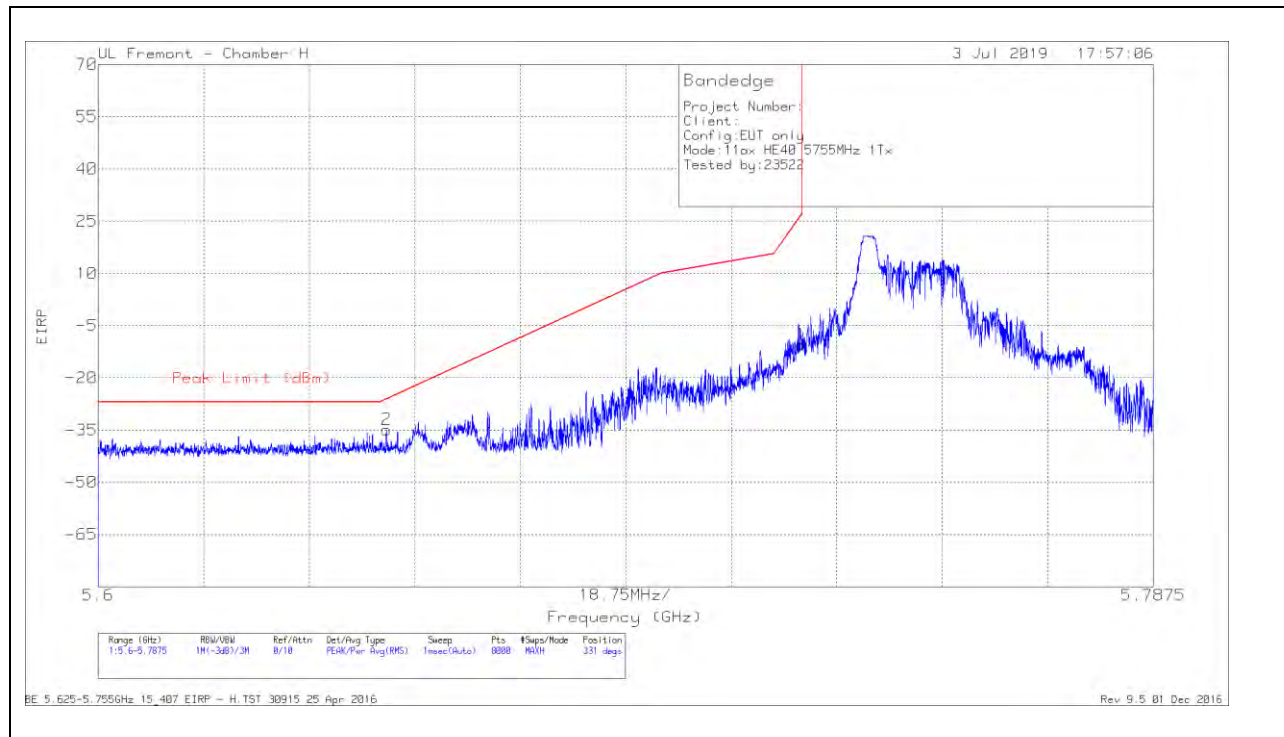


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.87	Pk	35	-20.4	11.8	0	-21.47	26.99	-48.46	6	122	V
2	5.929	-64.49	Pk	35.1	-20.2	11.8	0	-37.79	-27	-10.79	6	122	V

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

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

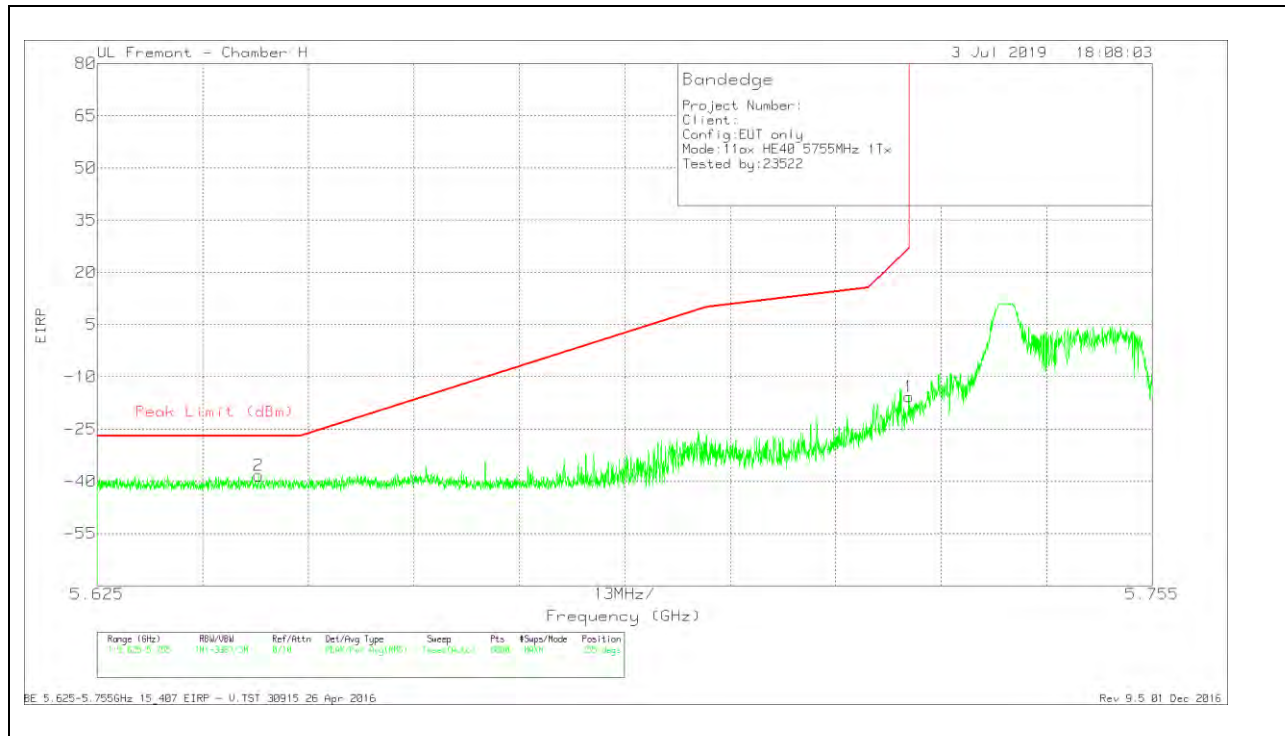
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651	-61.17	Pk	35.1	-20.6	11.8	0	-34.87	-26.1	-8.77	331	177	H
1	5.725	-36.59	Pk	35	-20.7	11.8	0	-10.49	26.96	-37.45	331	177	H

Pk - Peak detector

BE 5.625-5.7875GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

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VERTICAL RESULT

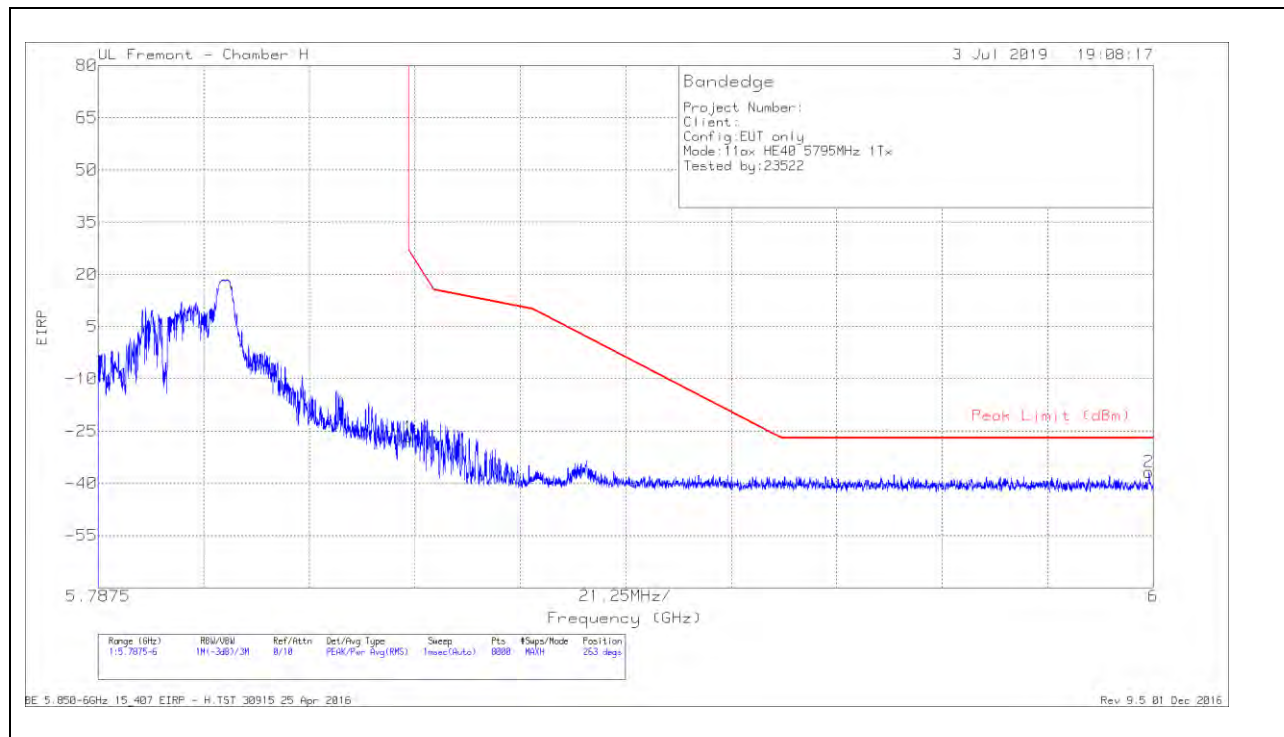


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-64.73	Pk	35.2	-20.6	11.8	0	-38.33	-27	-11.33	255	153	V
1	5.725	-41.83	Pk	35	-20.7	11.8	0	-15.73	27	-42.73	255	153	V

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

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1TX Antenna 5 MODE – 26 Tones, RU Index 17**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

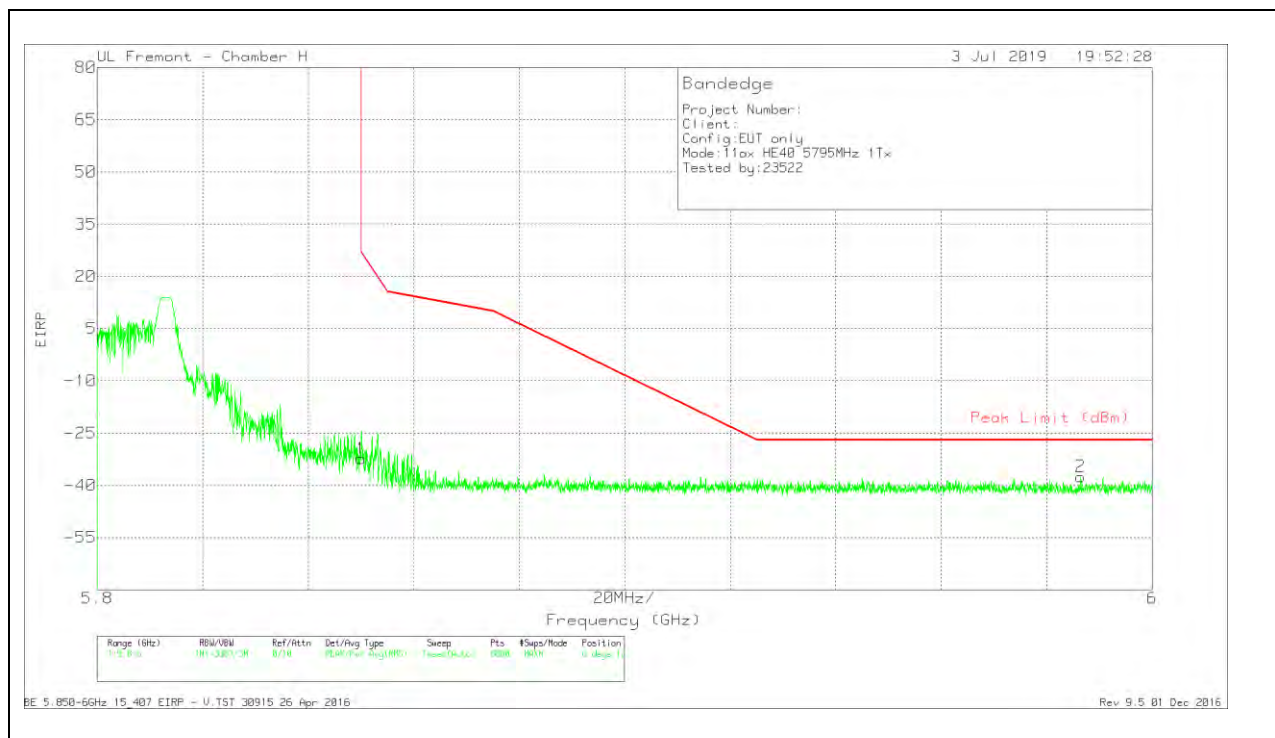
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.12	Pk	35	-20.4	11.8	0	-26.72	26.98	-53.7	263	133	H
2	5.999	-63.93	Pk	35.3	-19.9	11.8	0	-36.73	-27	-9.73	263	133	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.75	Pk	35	-20.4	11.8	0	-32.35	26.99	-59.34	6	122	V
2	5.986	-64.72	Pk	35.2	-19.8	11.8	0	-37.52	-27	-10.52	6	122	V

Pk - Peak detector

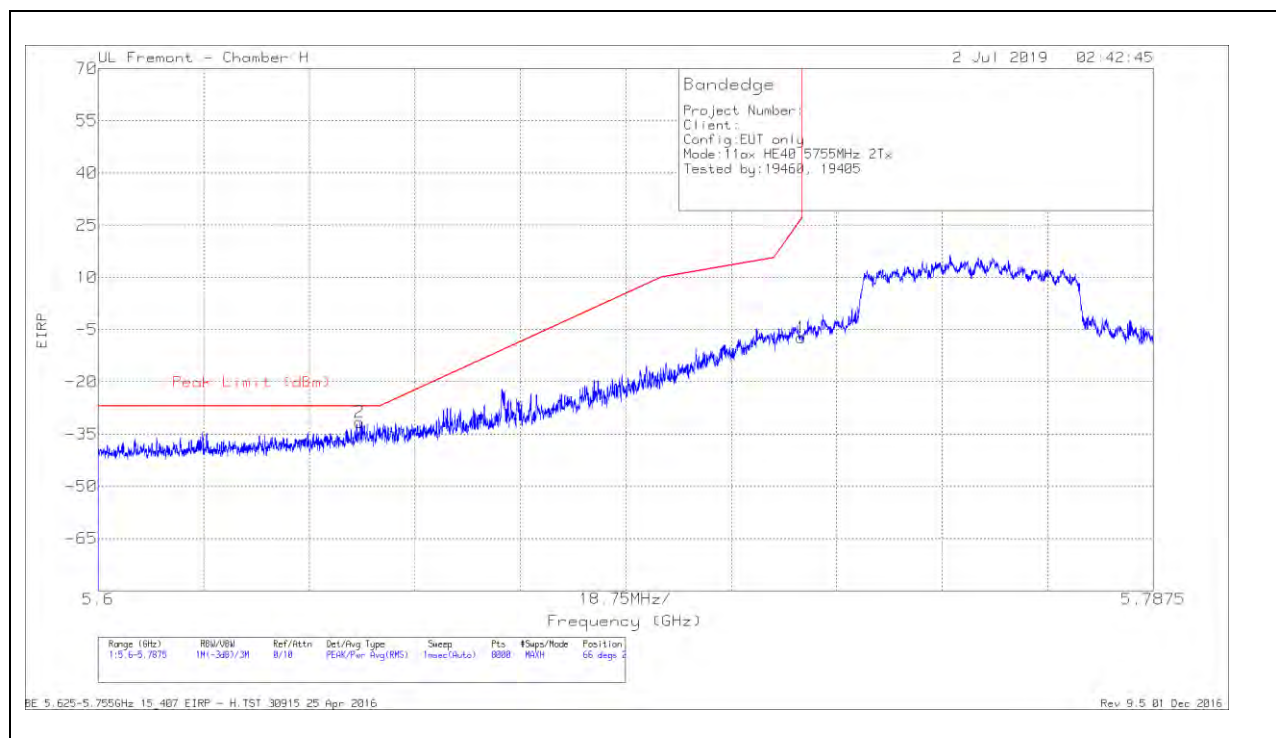
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-58.03	Pk	35.2	-20.6	11.8	0	-31.63	-27	-4.63	66	231	H
1	5.725	-33.41	Pk	35	-20.7	11.8	0	-7.31	26.96	-34.27	66	231	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

UL Fremont - Chamber H

2 Jul 2019 02:49:22

Bandedge

Project Number:

Client:

Config:EUT only

Mode:T1a HE40 5755MHz 2Tx

Tested by:19460, 19405

Peak Limit (dBm)

20

1

5.625 13MHz/ 5.755

Frequency (GHz)

Range (GHz)	RBW/VBW	Ref/Attm	Det/Avg Type	Sweep	Pts	#Sps/Mode	Position
5.625-5.755	1M/300KHz	0/0	Peak/Max Avg	1 Sweep/400	4000	1000	0.5 Sps

BE 5.625-5.755GHz 15_407 EIRP - U.TST 30915 26 Apr. 2016

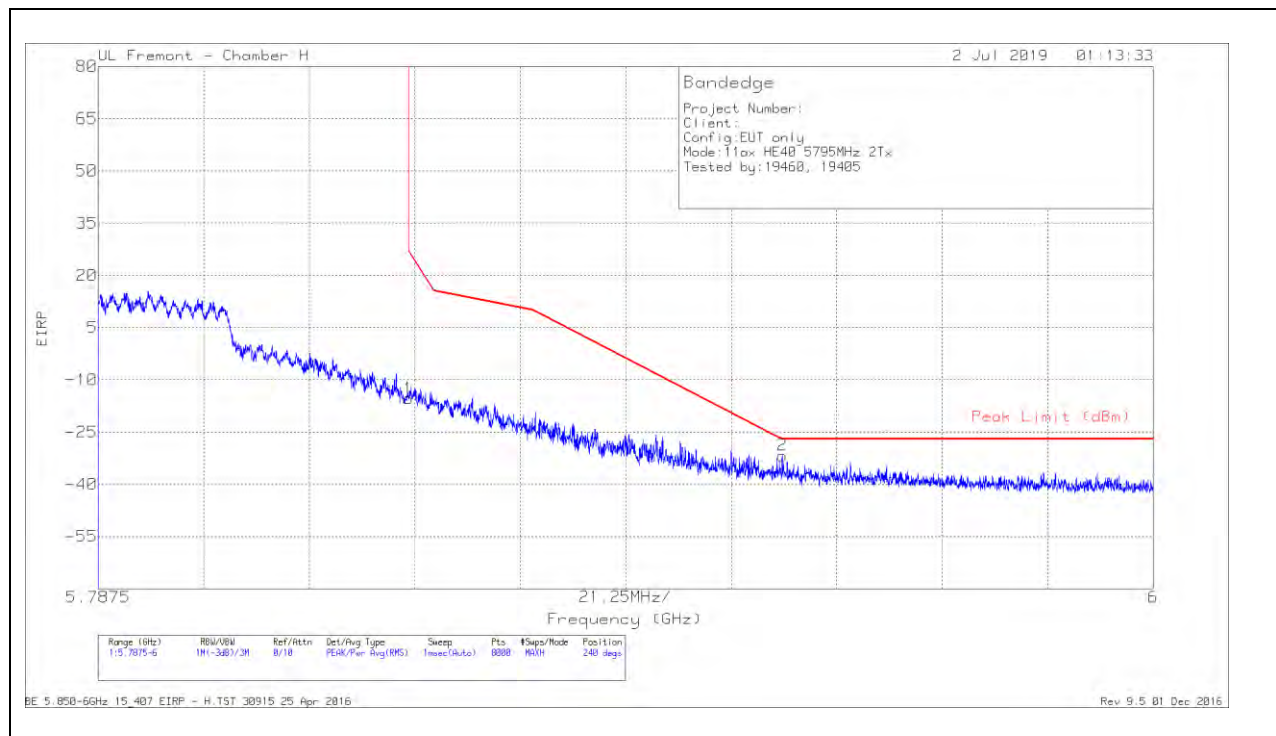
Rev 9.5 01 Dec 2016

Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636	-62.67	Pk	35.1	-20.6	11.8	0	-36.37	-27	-9.37	56	203	V
1	5.725	-35.13	Pk	35	-20.7	11.8	0	-9.03	27	-36.03	56	203	V

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016
Rev 9.5 01 Dec 2016

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



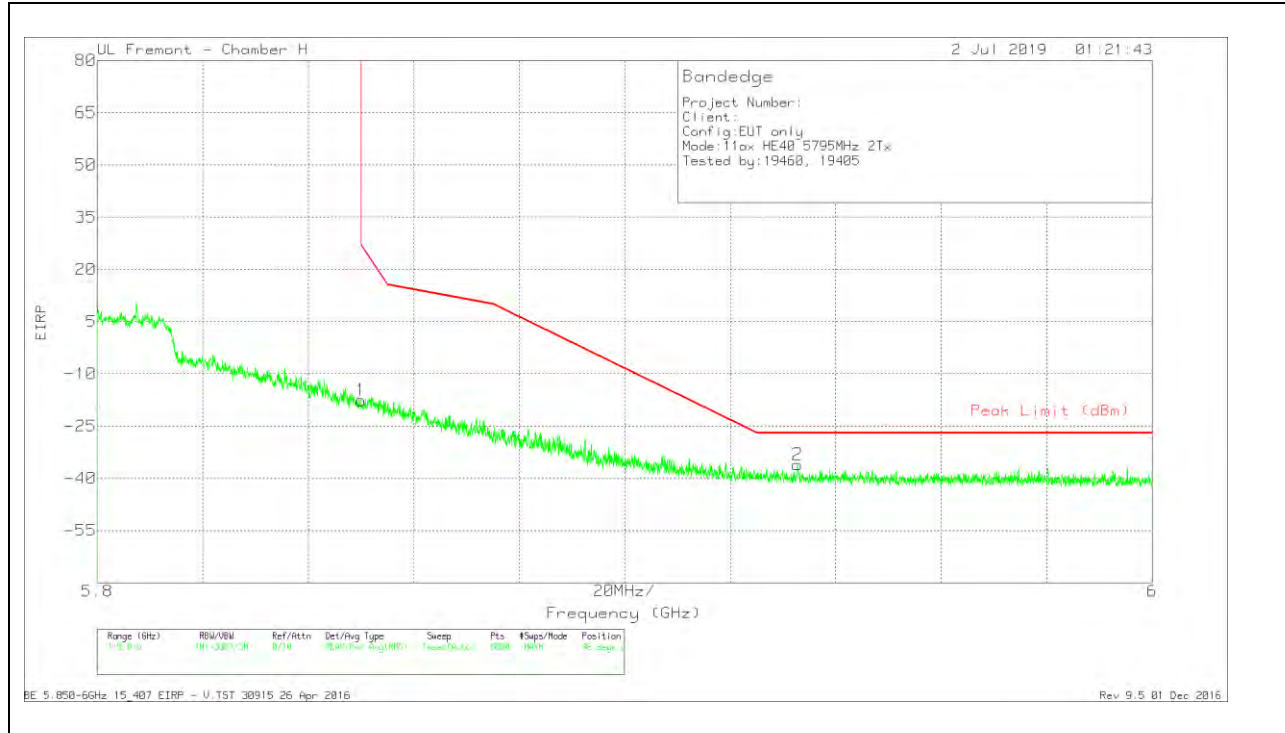
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-41.76	Pk	35	-20.4	11.8	0	-15.36	26.98	-42.34	240	250	H
2	5.925	-58.4	PK	35.1	-20.2	11.8	0	-31.7	-27	-4.7	240	250	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.99	Pk	35	-20.4	11.8	0	-17.59	26.99	-44.58	46	240	V
2	5.933	-62.8	Pk	35.1	-20.2	11.8	0	-36.1	-27	-9.1	46	240	V

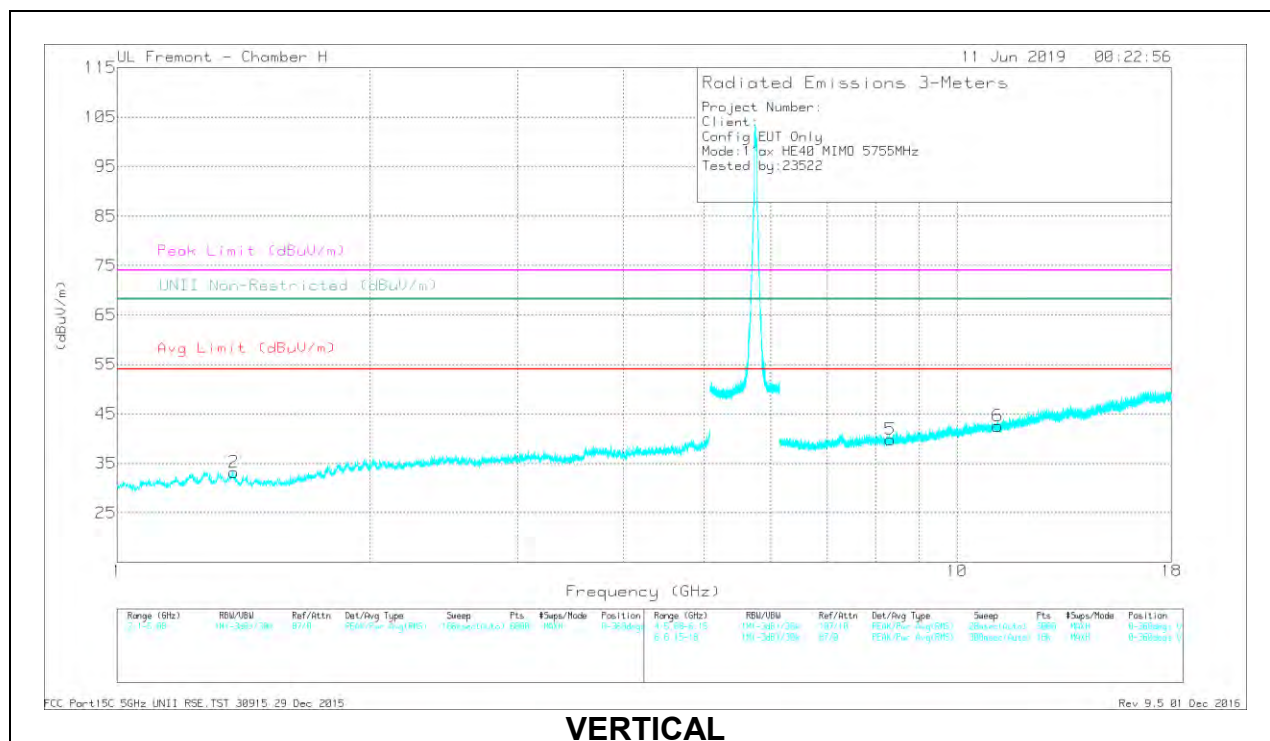
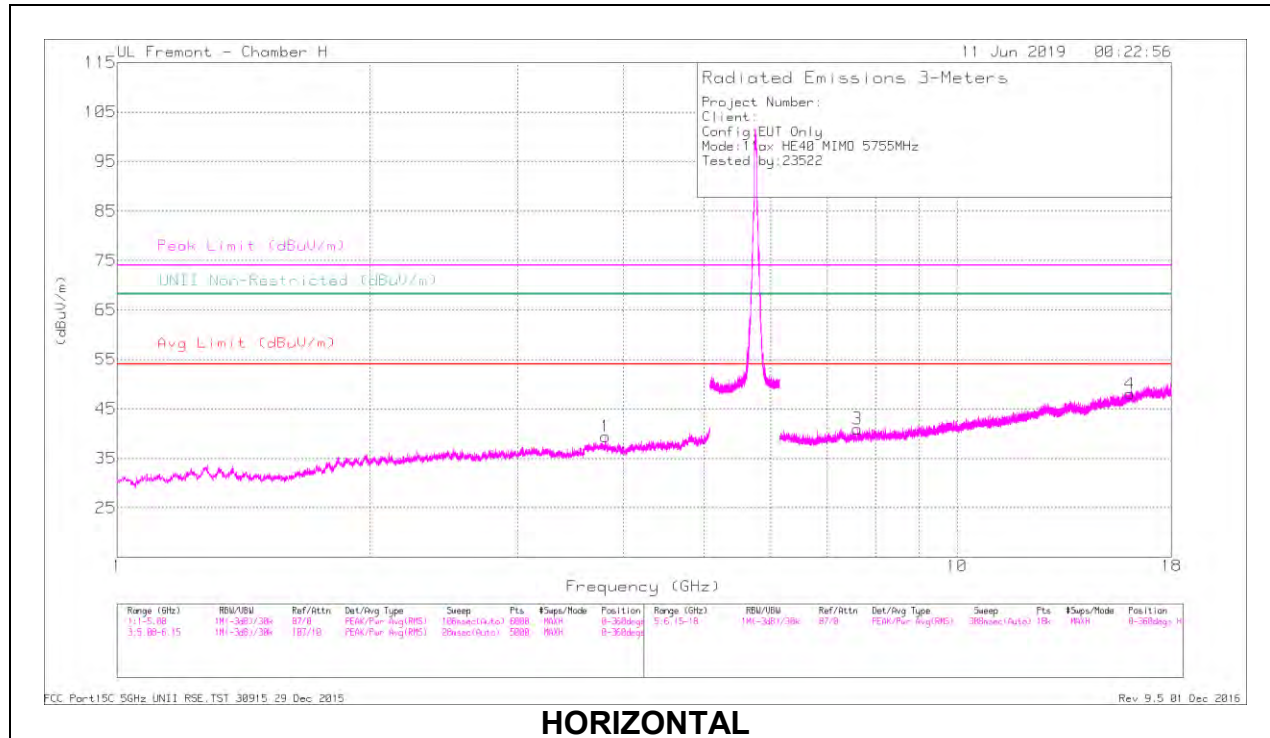
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - U.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	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	* 3.815	42.34	PK-U	33.6	-30.8	0	45.14	-	-	74	-28.86	-	-	360	100	H
	* 3.814	30.76	ADR	33.6	-30.8	0	33.56	54	-20.44	-	-	-	-	360	100	H
2	* 1.378	44.35	PK-U	28.8	-32.9	0	40.25	-	-	74	-33.75	-	-	124	114	V
	* 1.376	32.95	ADR	28.8	-33	0	28.75	54	-25.25	-	-	-	-	124	114	V
3	* 7.612	39.05	PK-U	36.1	-27.3	0	47.85	-	-	74	-26.15	-	-	53	198	H
	* 7.612	27.32	ADR	36.1	-27.3	0	36.12	54	-17.88	-	-	-	-	53	198	H
4	* 16.064	35.51	PK-U	41.6	-22.5	0	54.61	-	-	74	-19.39	-	-	231	247	H
	* 16.063	24.71	ADR	41.6	-22.5	0	43.81	54	-10.19	-	-	-	-	231	247	H
5	* 8.329	38.75	PK-U	36	-26.7	0	48.05	-	-	74	-25.95	-	-	349	303	V
	* 8.33	26.88	ADR	36	-26.7	0	36.18	54	-17.82	-	-	-	-	349	303	V
6	* 11.18	36.21	PK-U	37.8	-23.6	0	50.41	-	-	74	-23.59	-	-	19	340	V
	* 11.181	24.54	ADR	37.9	-23.7	0	38.74	54	-15.26	-	-	-	-	19	340	V

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

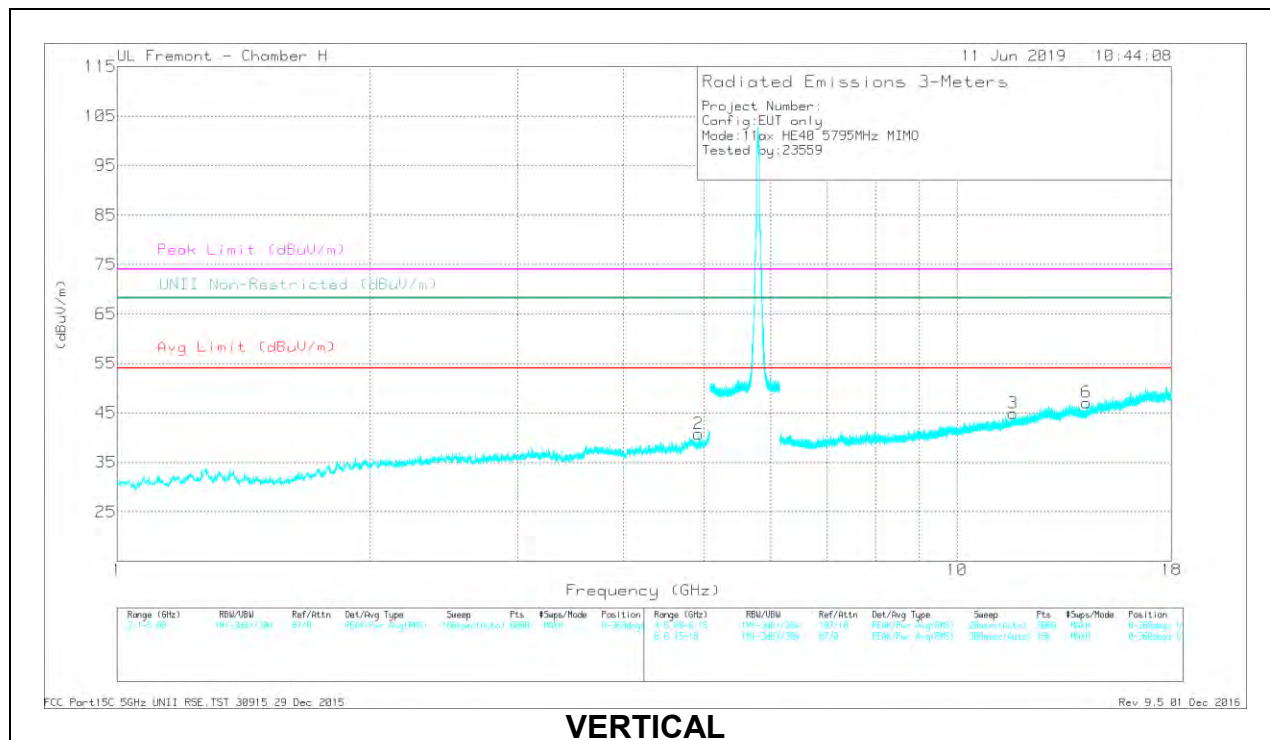
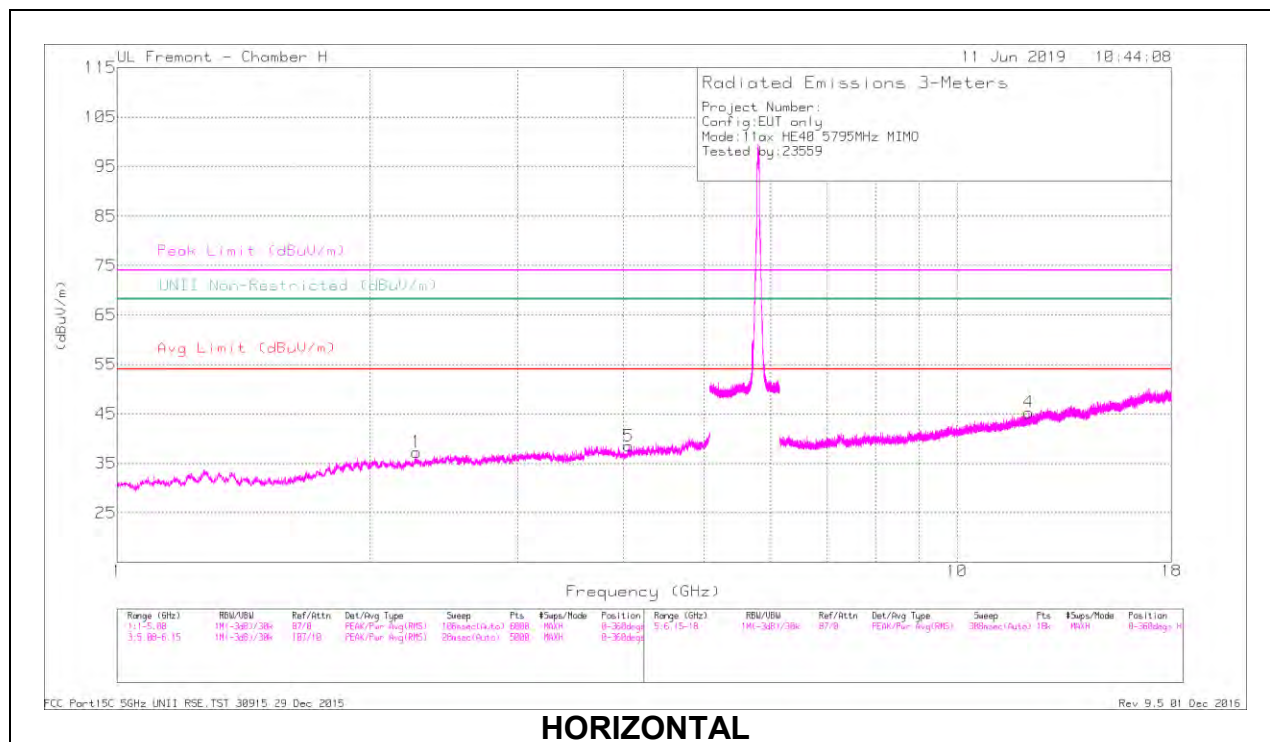
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.27	43.35	PK-U	31.9	-31.9	0	43.35	-	-	74	-30.65	-	-	130	159	H
	* 2.272	31.69	ADR	31.9	-31.9	0	31.69	54	-22.31	-	-	-	-	130	159	H
5	* 4.065	42.67	PK-U	33.5	-30.7	0	45.47	-	-	74	-28.53	-	-	217	205	H
	* 4.069	30.15	ADR	33.6	-30.7	0	33.05	54	-20.95	-	-	-	-	217	205	H
2	* 4.924	40.75	PK-U	34.1	-29.4	0	45.45	-	-	74	-28.55	-	-	305	280	V
	* 4.923	29.79	ADR	34.1	-29.4	0	34.49	54	-19.51	-	-	-	-	305	280	V
4	* 12.182	36.17	PK-U	38.9	-23.5	0	51.57	-	-	74	-22.43	-	-	360	363	H
	* 12.183	24.74	ADR	38.9	-23.5	0	40.14	54	-13.86	-	-	-	-	360	363	H
3	* 11.658	35.43	PK-U	38.4	-23	0	50.83	-	-	74	-23.17	-	-	267	343	V
	* 11.659	24.53	ADR	38.4	-23	0	39.93	54	-14.07	-	-	-	-	267	343	V
6	14.267	36.26	PK-U	39.3	-23	0	52.56	-	-	-	-	68.2	-15.64	168	271	V
						0										

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

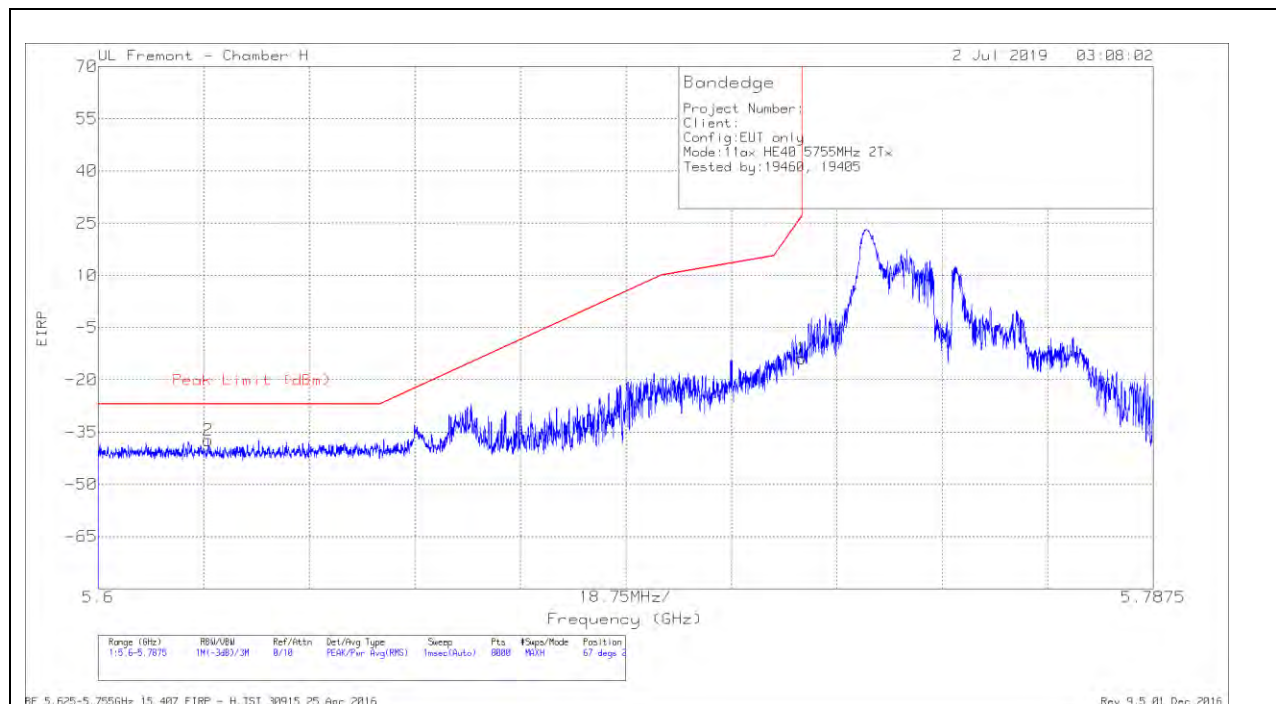
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2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



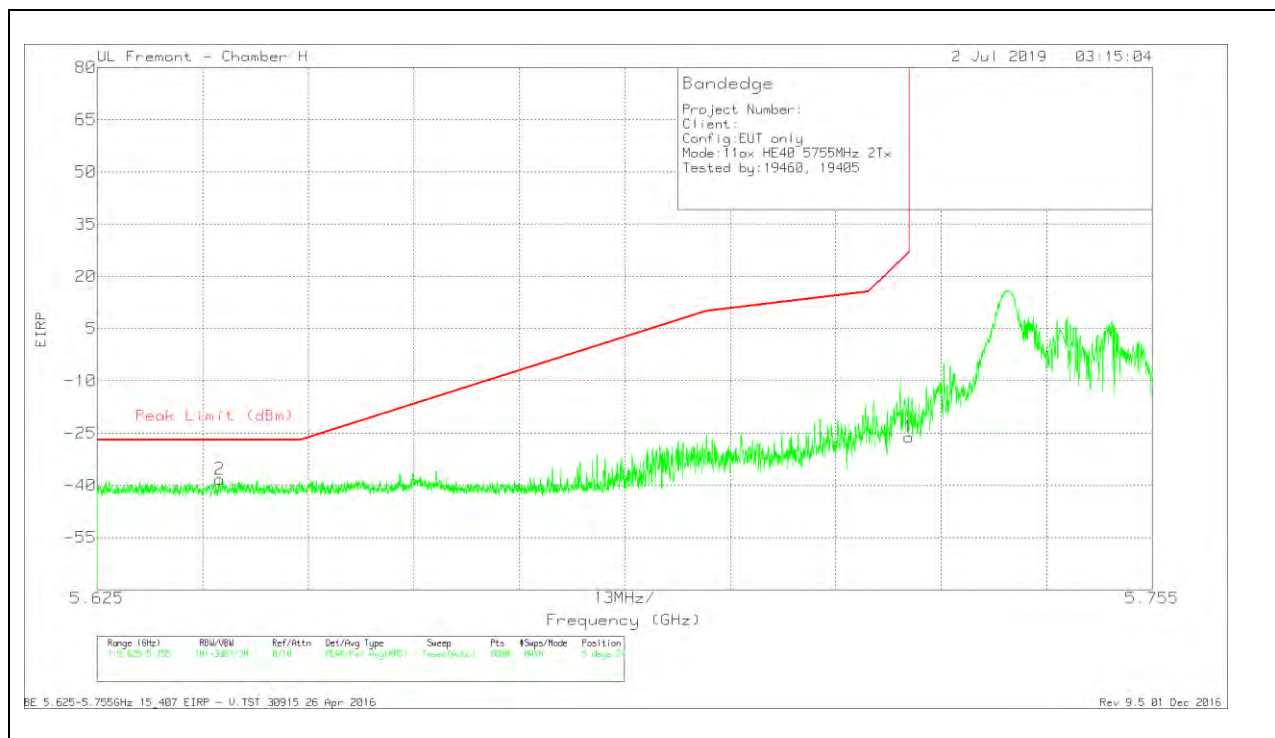
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62	-63.61	Pk	35.1	-20.6	11.8	0	-37.31	-27	-10.31	67	211	H
1	5.725	-39.94	Pk	35	-20.7	11.8	0	-13.84	26.96	-40.8	67	211	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64	-64.65	Pk	35.2	-20.6	11.8	0	-38.25	-27	-11.25	5	240	V
1	5.725	-52.23	Pk	35	-20.7	11.8	0	-26.13	27	-53.13	5	240	V

Pk - Peak detector

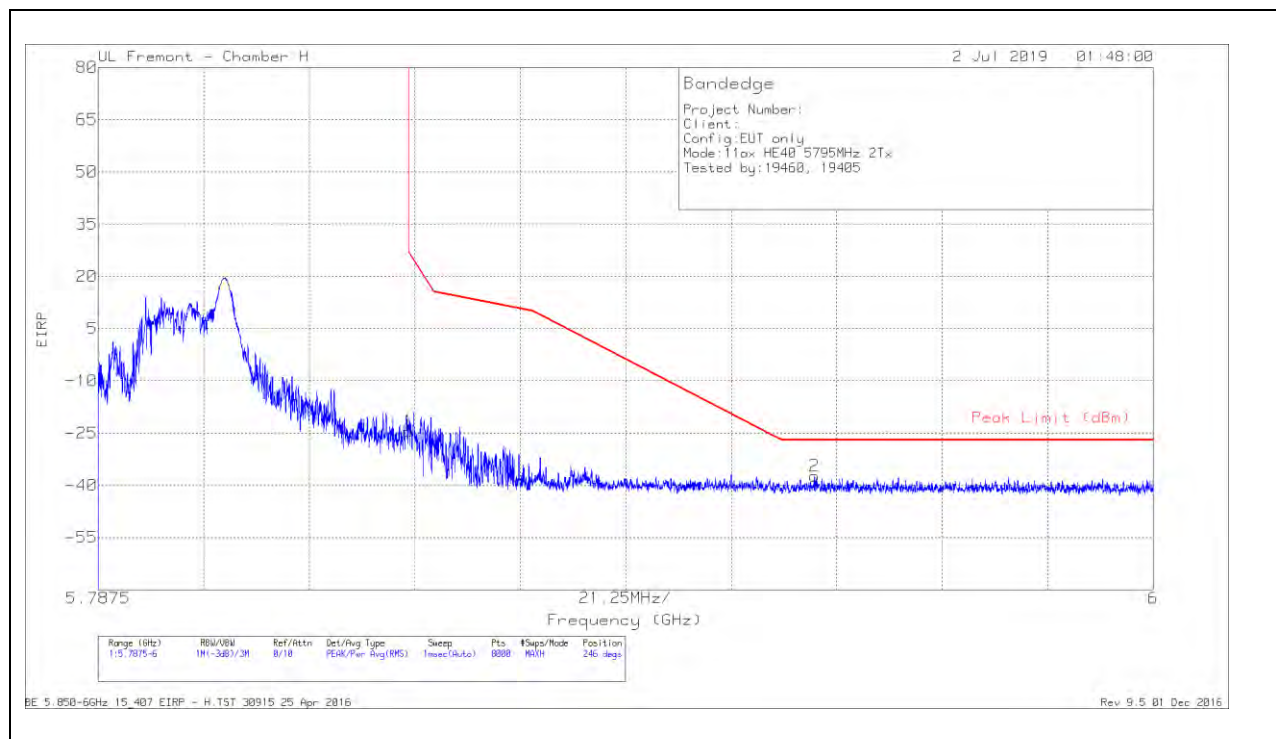
BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 17

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



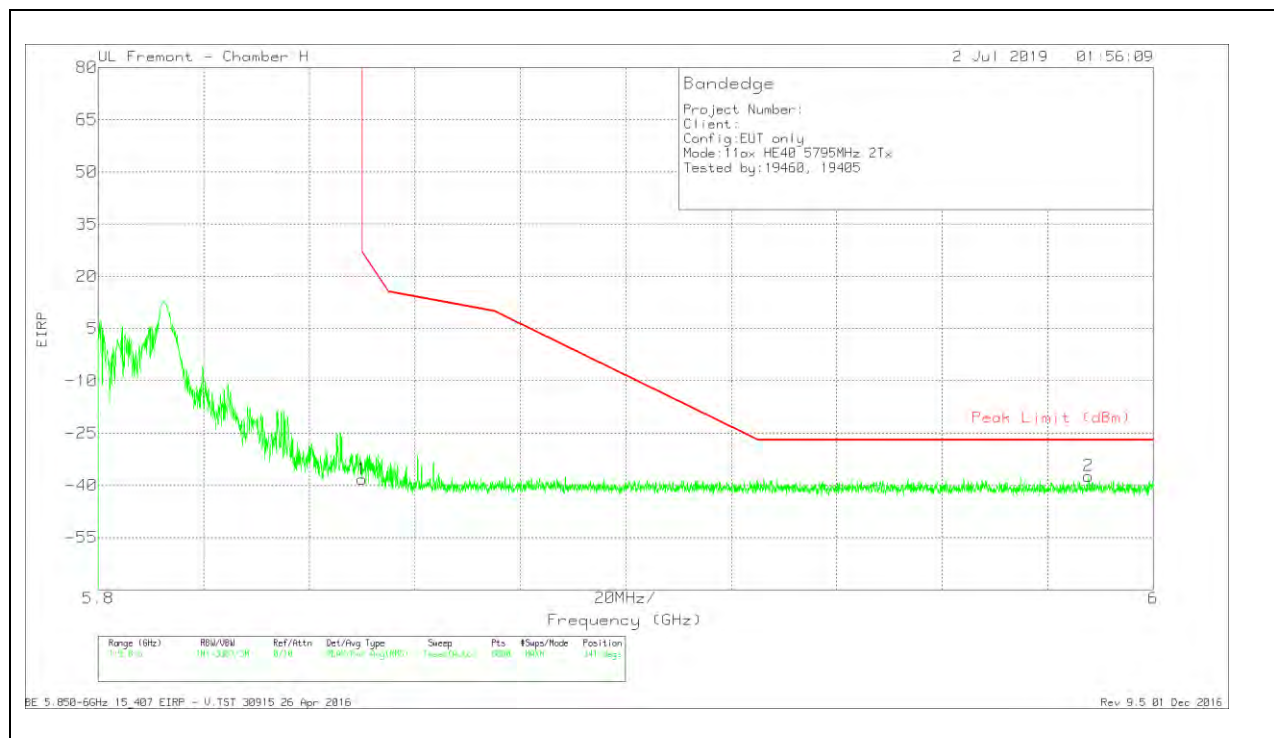
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.92	Pk	35	-20.4	11.8	0	-24.52	26.98	-51.5	246	331	H
2	5.932	-64.06	Pk	35.1	-20.2	11.8	0	-37.36	-27	-10.36	246	331	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.63	Pk	35	-20.4	11.8	0	-38.23	26.99	-65.22	341	252	V
2	5.988	-64.48	Pk	35.2	-19.8	11.8	0	-37.28	-27	-10.28	341	252	V

Pk - Peak detector

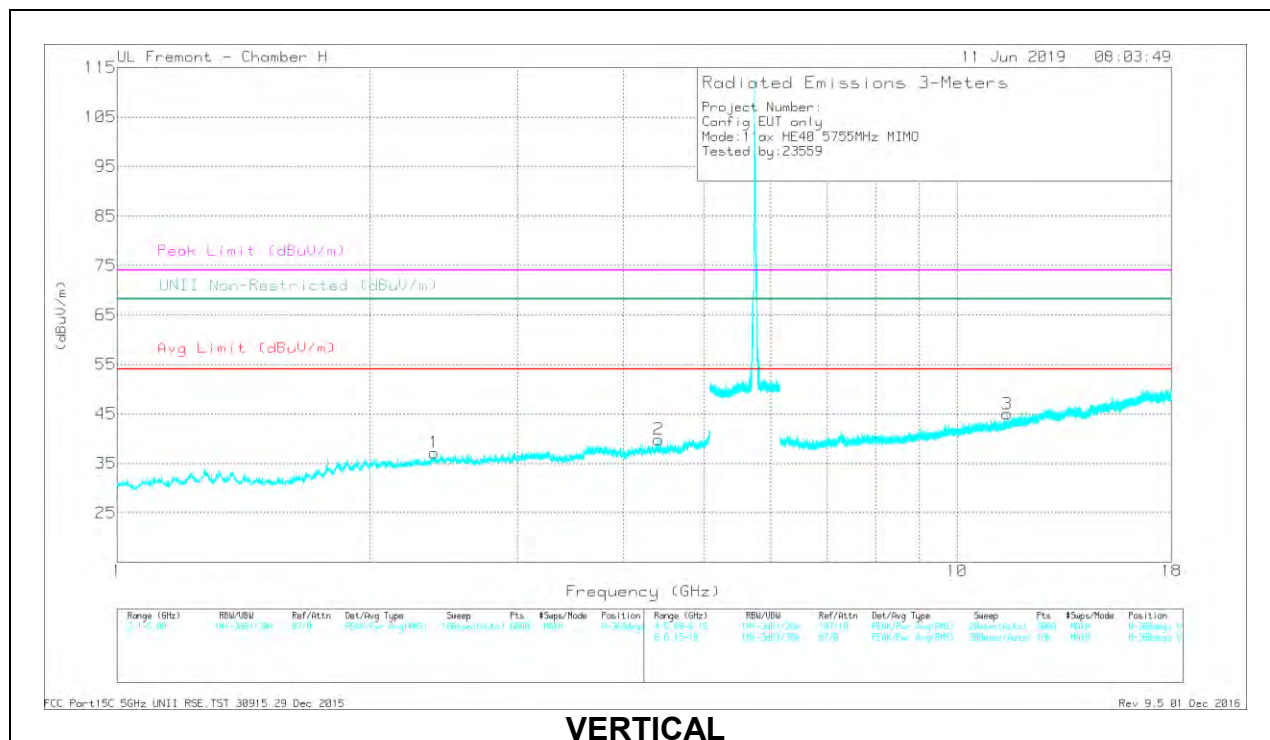
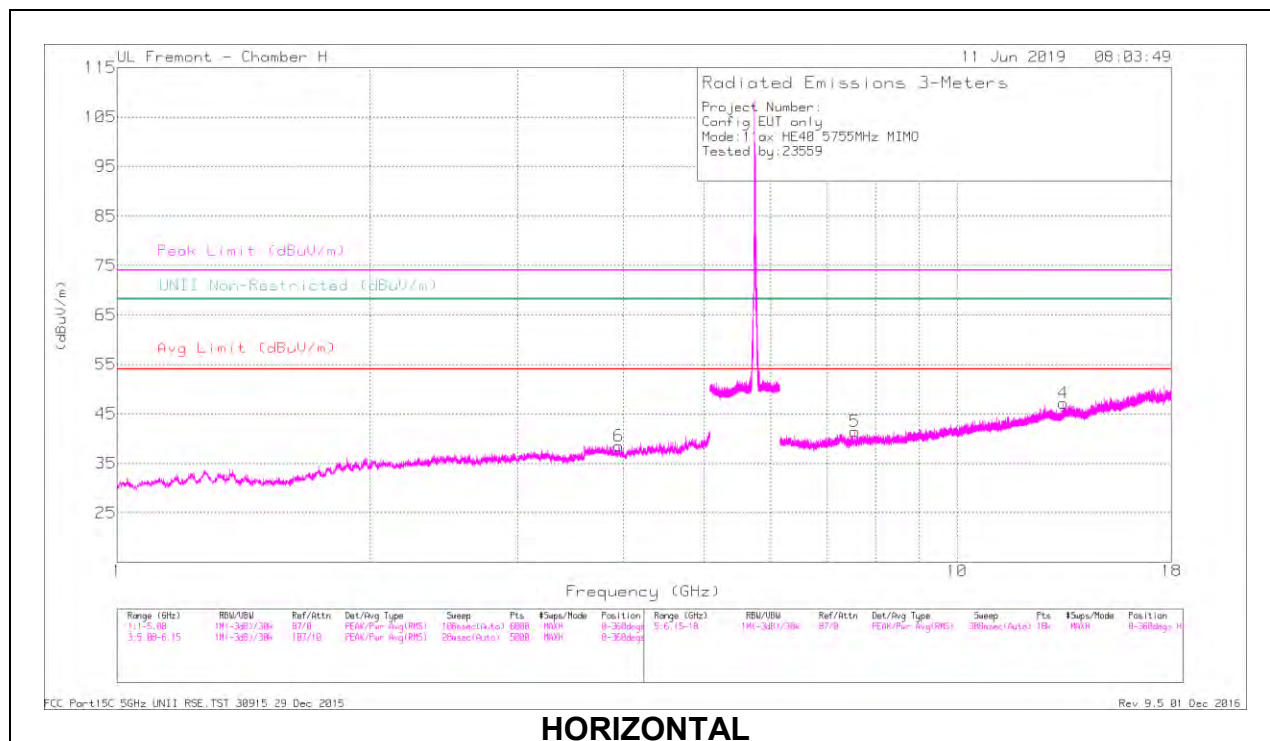
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	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
6	* 3.958	42.08	PK-U	33.4	-30.7	0	44.78	-	-	74	-29.22	-	-	270	158	H
	* 3.957	30.63	ADR	33.4	-30.7	0	33.33	54	-20.67	-	-	-	-	270	158	H
1	* 2.384	43.06	PK-U	32.1	-31.9	0	43.26	-	-	74	-30.74	-	-	360	225	V
	* 2.386	31.7	ADR	32.1	-31.9	0	31.9	54	-22.1	-	-	-	-	360	225	V
4	* 13.387	35.97	PK-U	39.7	-23.3	0	52.37	-	-	74	-21.63	-	-	164	100	H
	* 13.389	25.01	ADR	39.7	-23.2	0	41.51	54	-12.49	-	-	-	-	164	100	H
5	* 7.56	38.67	PK-U	36.2	-27.3	0	47.57	-	-	74	-26.43	-	-	75	172	H
	* 7.56	27.25	ADR	36.2	-27.3	0	36.15	54	-17.85	-	-	-	-	75	172	H
3	* 11.474	35.94	PK-U	38.2	-23.6	0	50.54	-	-	74	-23.46	-	-	173	270	V
	* 11.474	25.1	ADR	38.2	-23.6	0	39.7	54	-14.3	-	-	-	-	173	270	V
2	4.413	41.38	PK-U	33.7	-30.4	0	44.68	-	-	-	-	68.2	-23.52	274	150	V

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

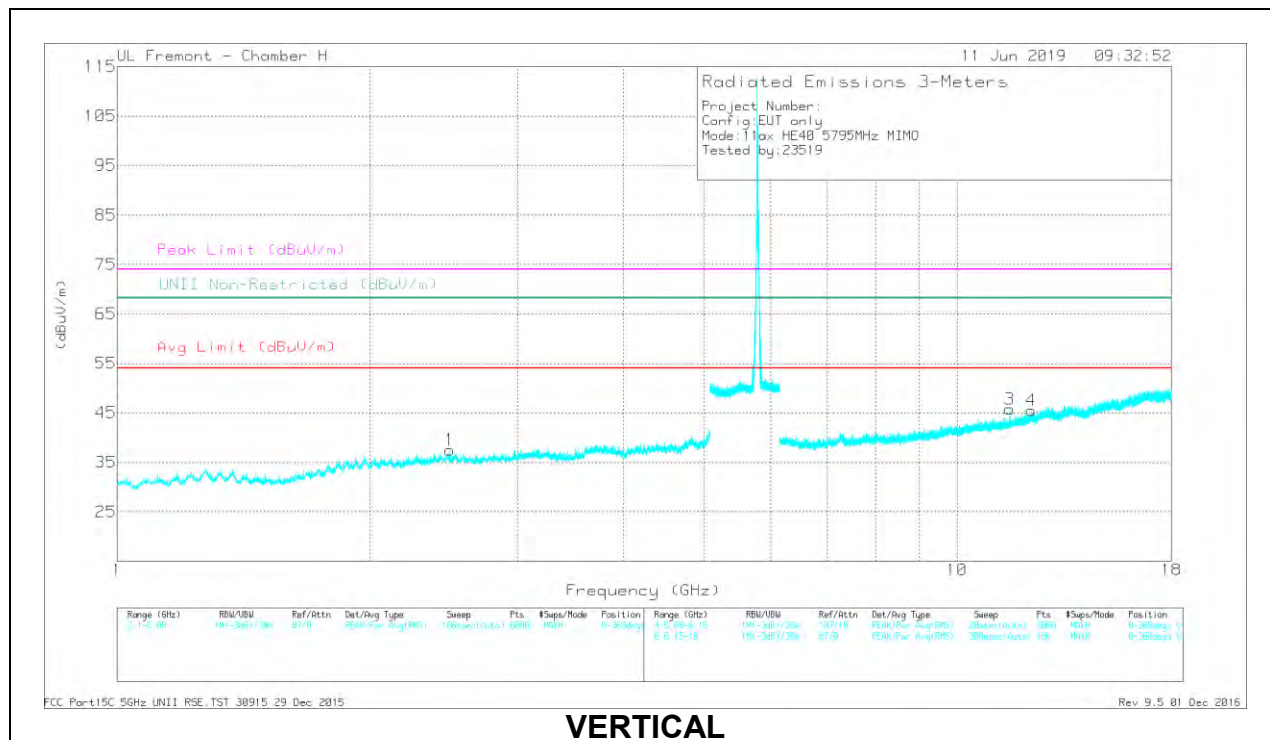
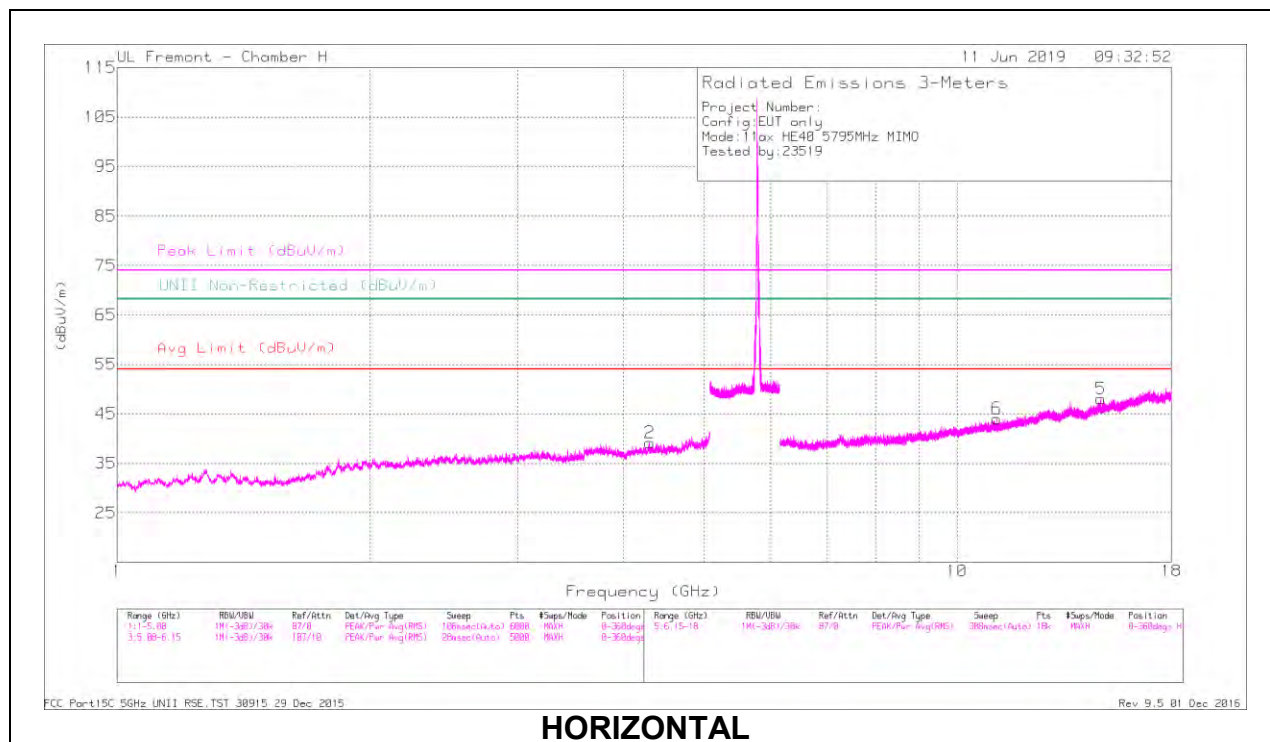
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Markers	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
2	* 4.308	40.58	PK-U	33.6	-29.8	0	44.38	-	-	74	-29.62	-	-	128	168	H
	* 4.308	29.34	ADR	33.6	-29.8	0	33.14	54	-20.86	-	-	-	-	128	168	H
1	* 2.489	42.65	PK-U	32.5	-31.8	0	43.35	-	-	74	-30.65	-	-	237	249	V
	* 2.486	31.35	ADR	32.5	-31.8	0	32.05	54	-21.95	-	-	-	-	237	249	V
6	* 11.157	35.88	PK-U	37.8	-23.4	0	50.28	-	-	74	-23.72	-	-	219	400	H
	* 11.156	24.72	ADR	37.8	-23.4	0	39.12	54	-14.88	-	-	-	-	219	400	H
3	* 11.551	35.35	PK-U	38.2	-23.8	0	49.75	-	-	74	-24.25	-	-	85	311	V
	* 11.553	24.74	ADR	38.2	-23.7	0	39.24	54	-14.76	-	-	-	-	85	311	V
4	* 12.269	35.71	PK-U	38.9	-23.3	0	51.31	-	-	74	-22.69	-	-	192	253	V
	* 12.267	24.84	ADR	38.9	-23.3	0	40.44	54	-13.56	-	-	-	-	192	253	V
5	14.835	35.83	PK-U	40.4	-22.4	0	53.83	-	-	-	-	68.2	-14.37	332	328	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

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

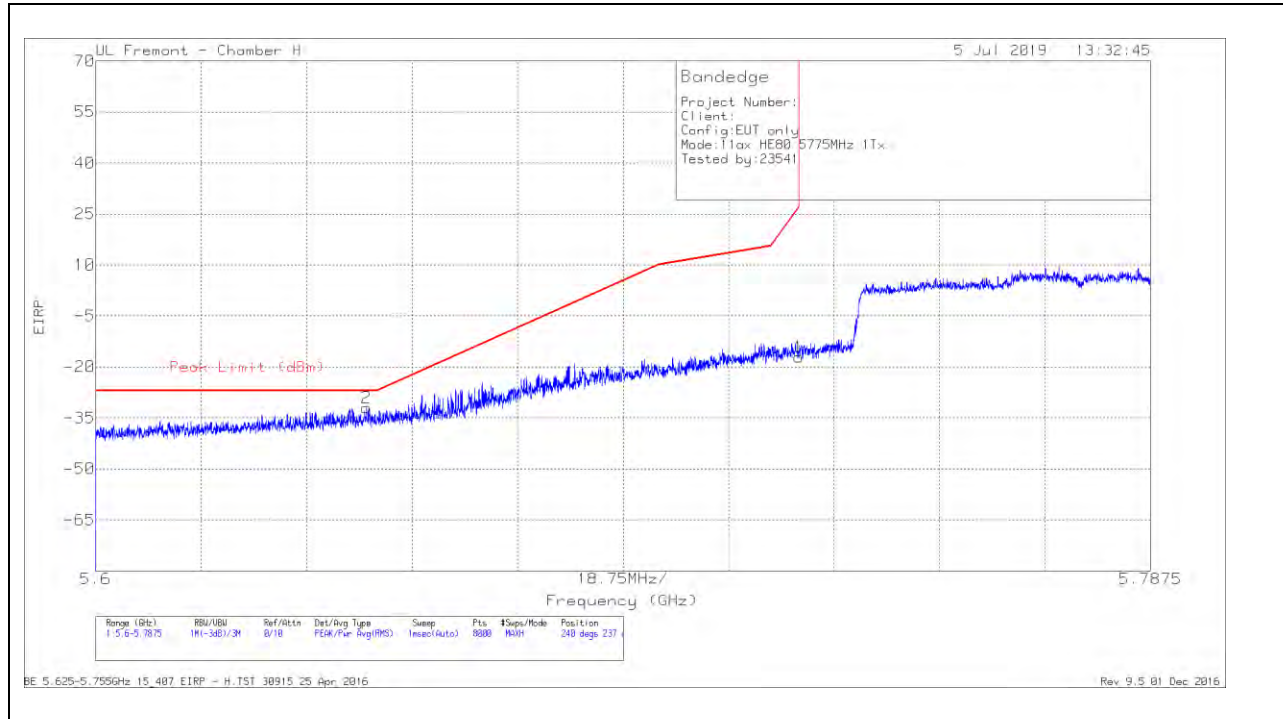
Rev 9.5 01 Dec 2016

1.1.24. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.8 GHz BAND

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



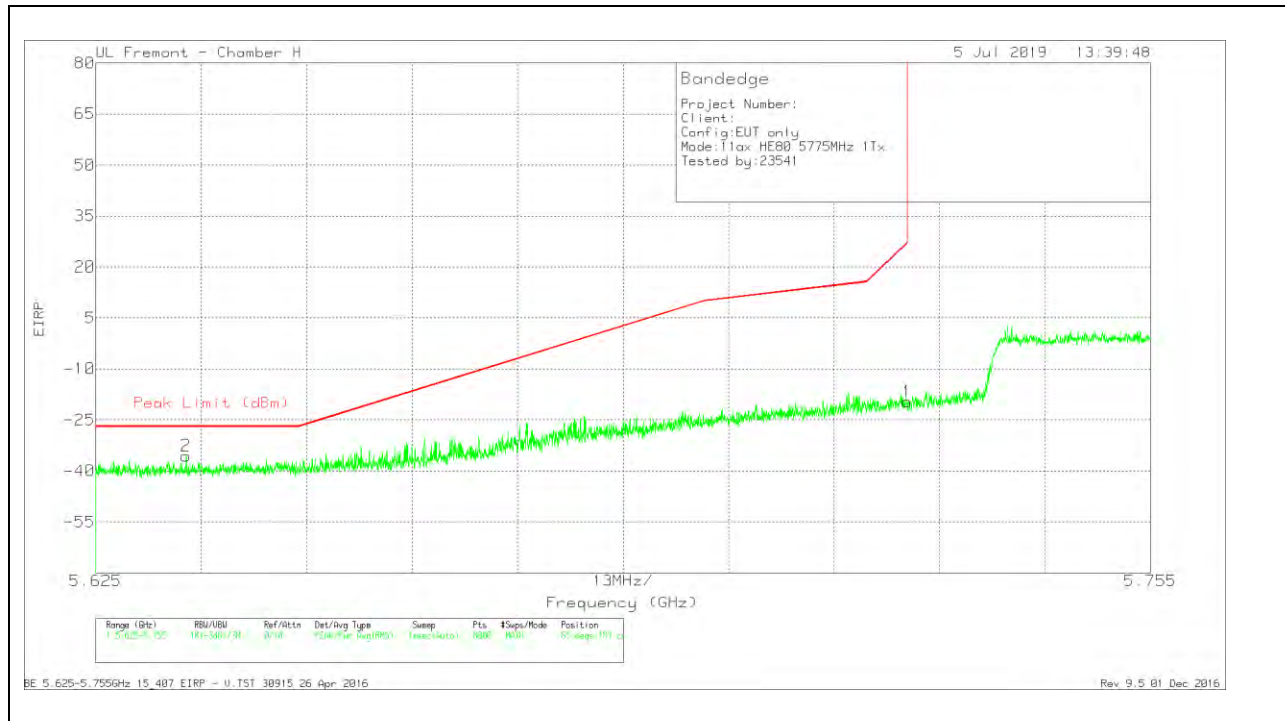
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-58.3	Pk	35.1	-20.6	11.8	0	-32	-27	-5	240	237	H
1	5.725	-43.2	PK	35	-20.7	11.8	0	-17.1	26.96	-44.06	240	237	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.636	-61.85	Pk	35.1	-20.6	11.8	0	-35.55	-27	-8.55	65	187	V
1	5.725	-45.69	Pk	35	-20.7	11.8	0	-19.59	27	-46.59	65	187	V

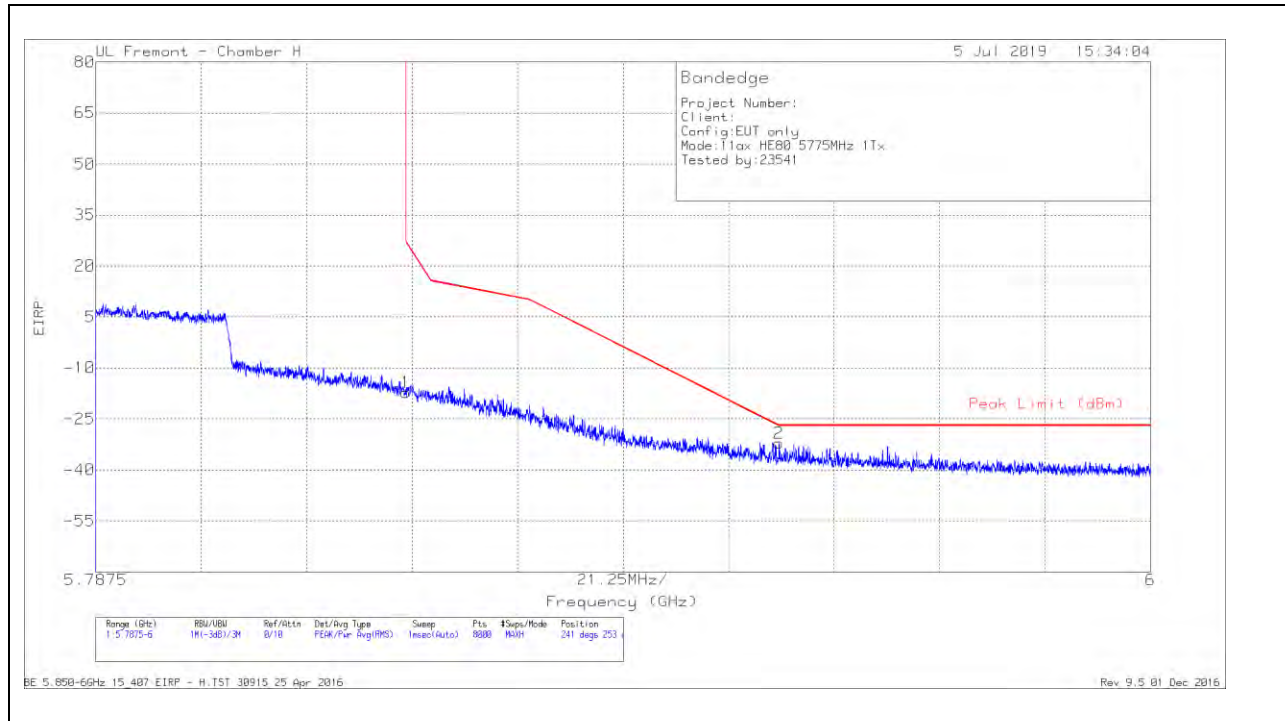
Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

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BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

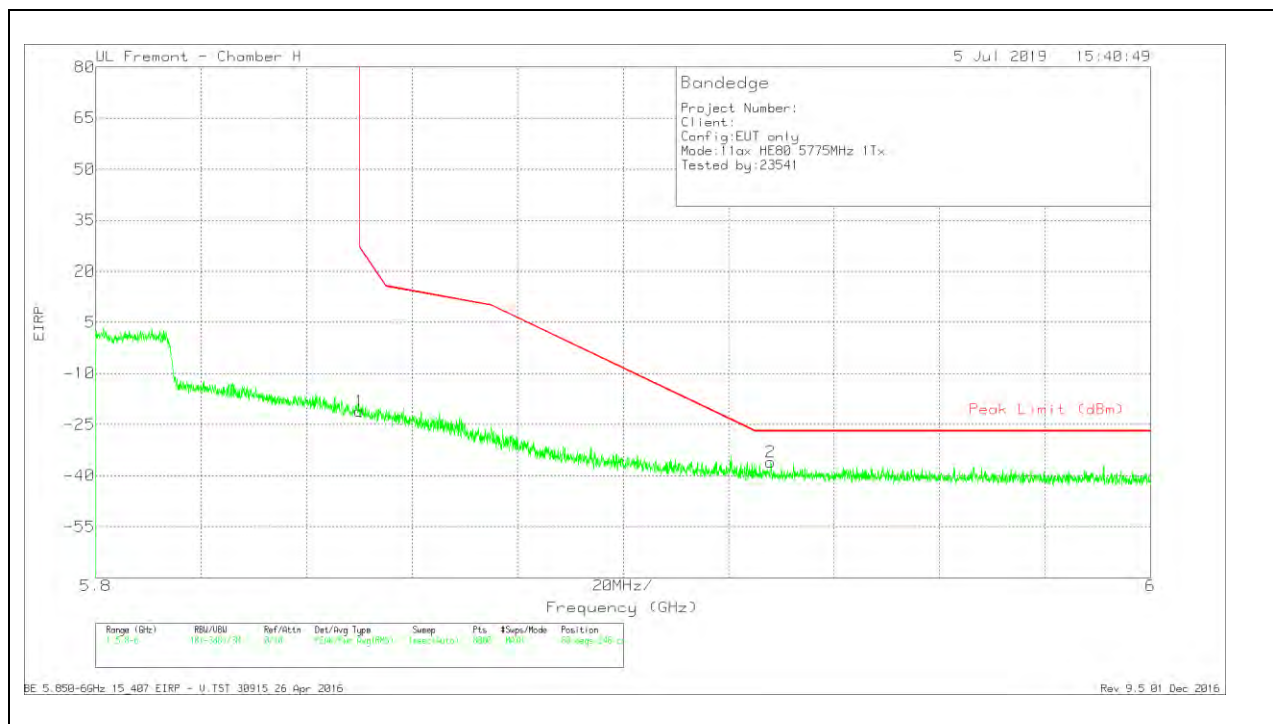


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/CbI/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.7	PK	35	-20.4	11.8	0	-17.3	26.98	-44.28	241	253	H
2	5.925	-58.84	PK	35.1	-20.2	11.8	0	-32.14	-27	-5.14	241	253	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016
Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.48	Pk	35	-20.4	11.8	0	-21.08	26.99	-48.07	60	246	V
2	5.928	-62.89	Pk	35.1	-20.1	11.8	0	-36.09	-27	-9.09	60	246	V

Pk - Peak detector

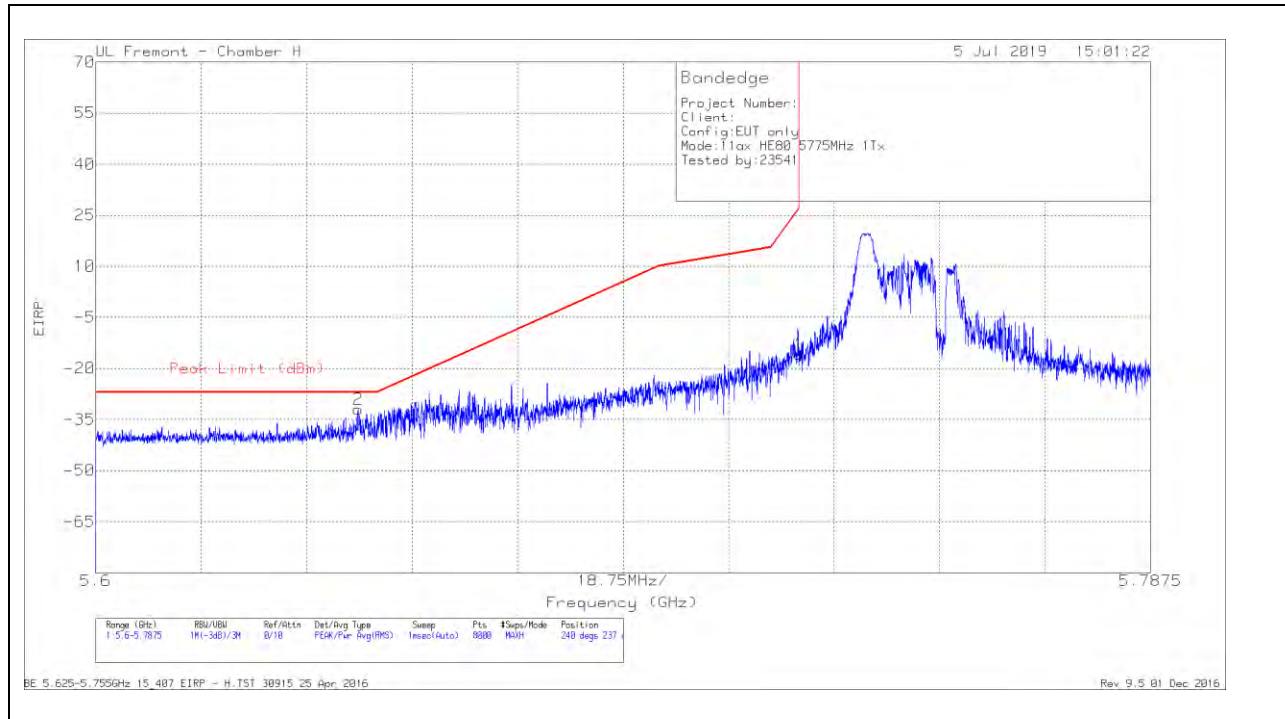
BE 5.850-6GHz 15.407 EIRP - V.TST 30915 26 Apr 2016

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



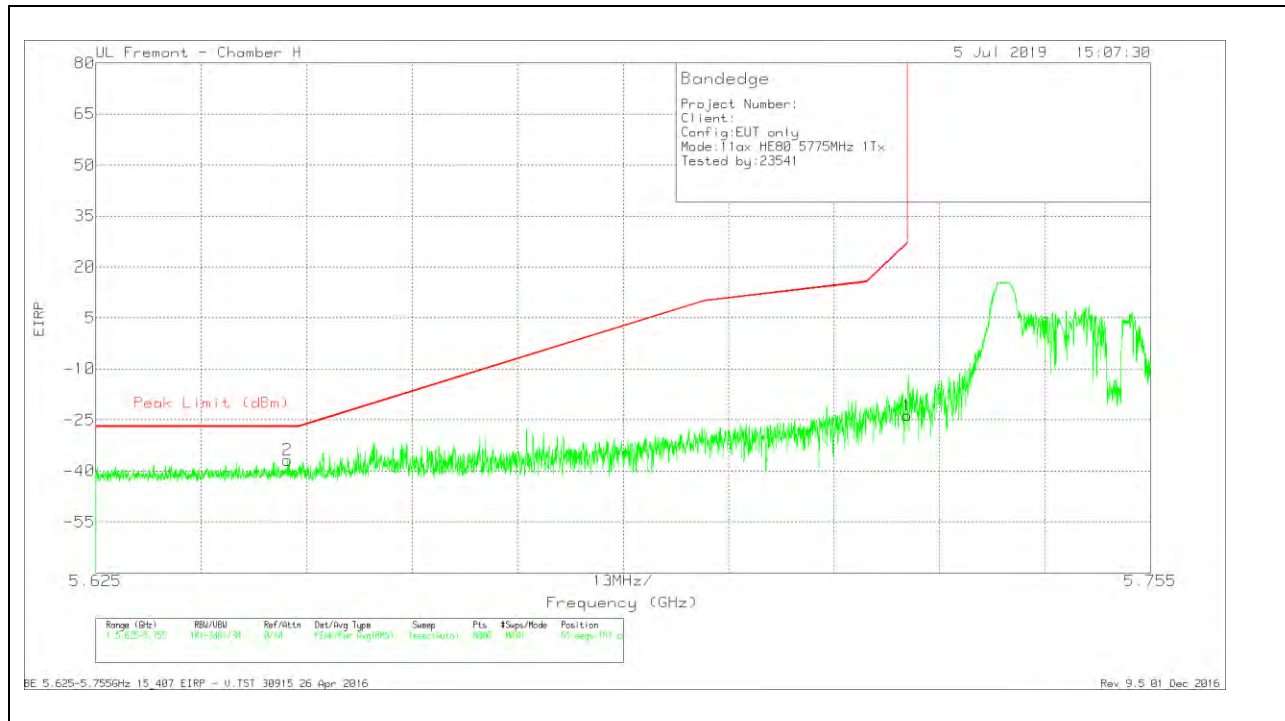
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-58.47	Pk	35.2	-20.6	11.8	0	-32.07	-27	-5.07	240	237	H
1	5.725	-41.95	Pk	35	-20.7	11.8	0	-15.85	26.96	-42.81	240	237	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

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VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-63.13	Pk	35.1	-20.6	11.8	0	-36.83	-27	-9.83	65	187	V
1	5.725	-49.78	Pk	35	-20.7	11.8	0	-23.68	27	-50.68	65	187	V

Pk - Peak detector

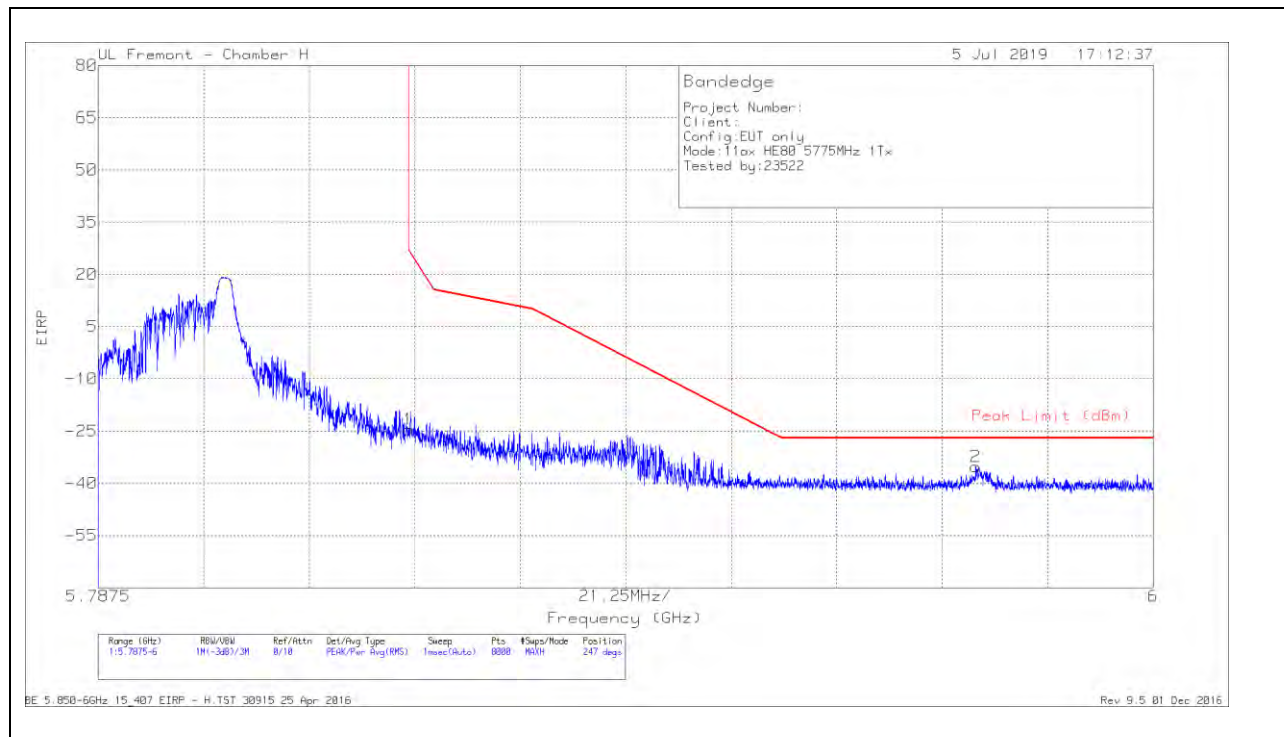
BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

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1TX Antenna 6 MODE – 26 Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



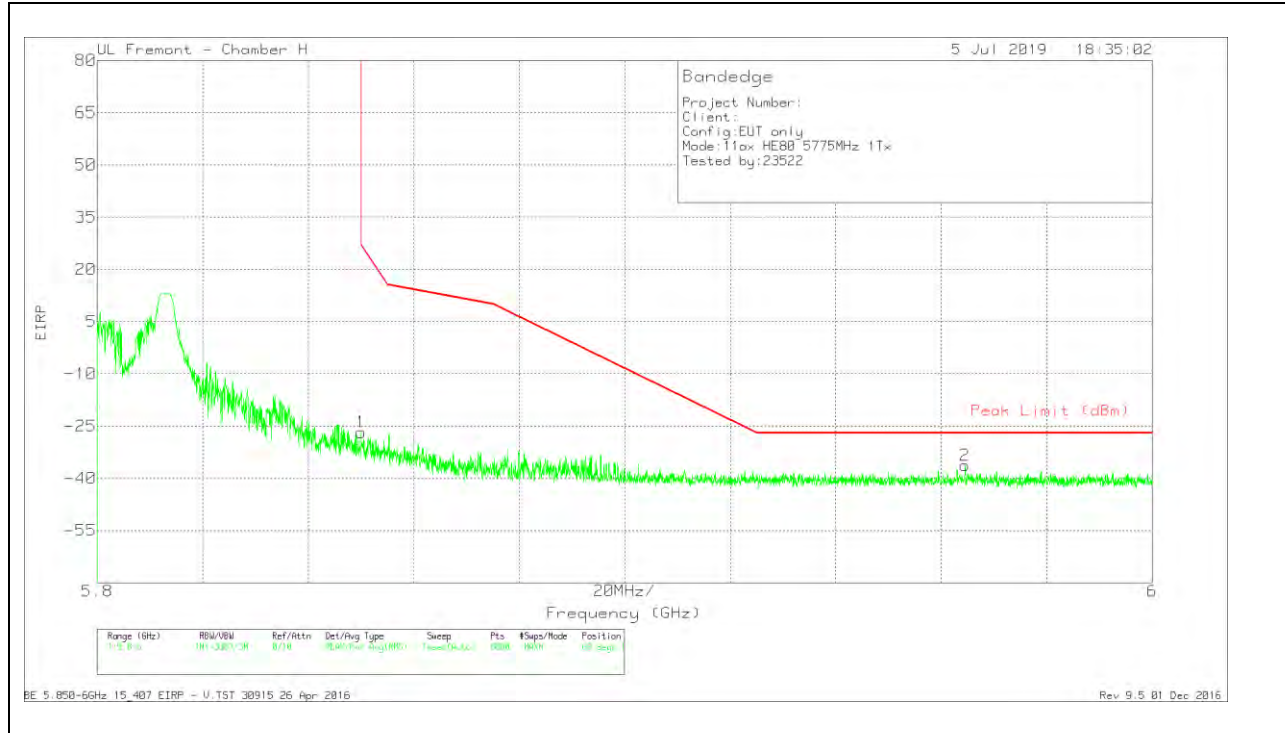
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.95	Pk	35	-20.4	11.8	0	-24.55	26.98	-51.53	247	273	H
2	5.964	-62.12	Pk	35.2	-20.1	11.8	0	-35.22	-27	-8.22	247	273	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.18	Pk	35	-20.4	11.8	0	-26.78	26.99	-53.77	68	130	V
2	5.964	-63.2	Pk	35.2	-20.1	11.8	0	-36.3	-27	-9.3	68	130	V

Pk - Peak detector

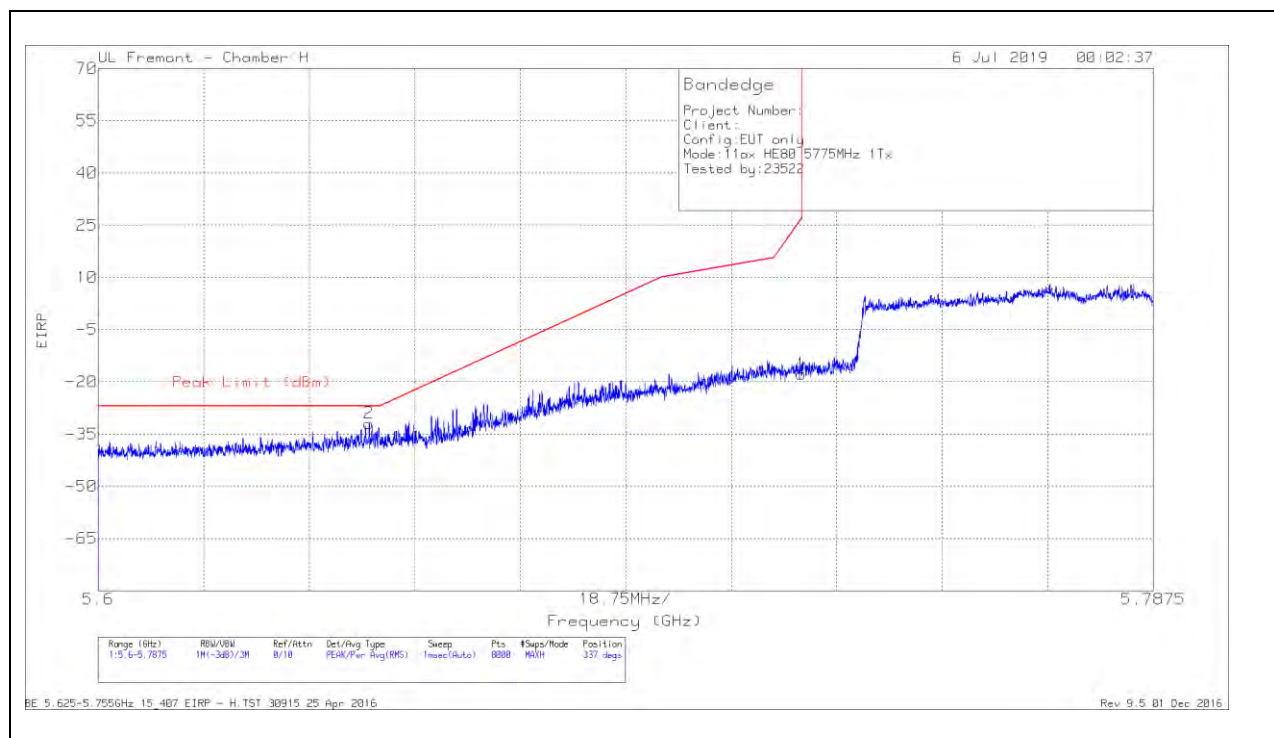
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



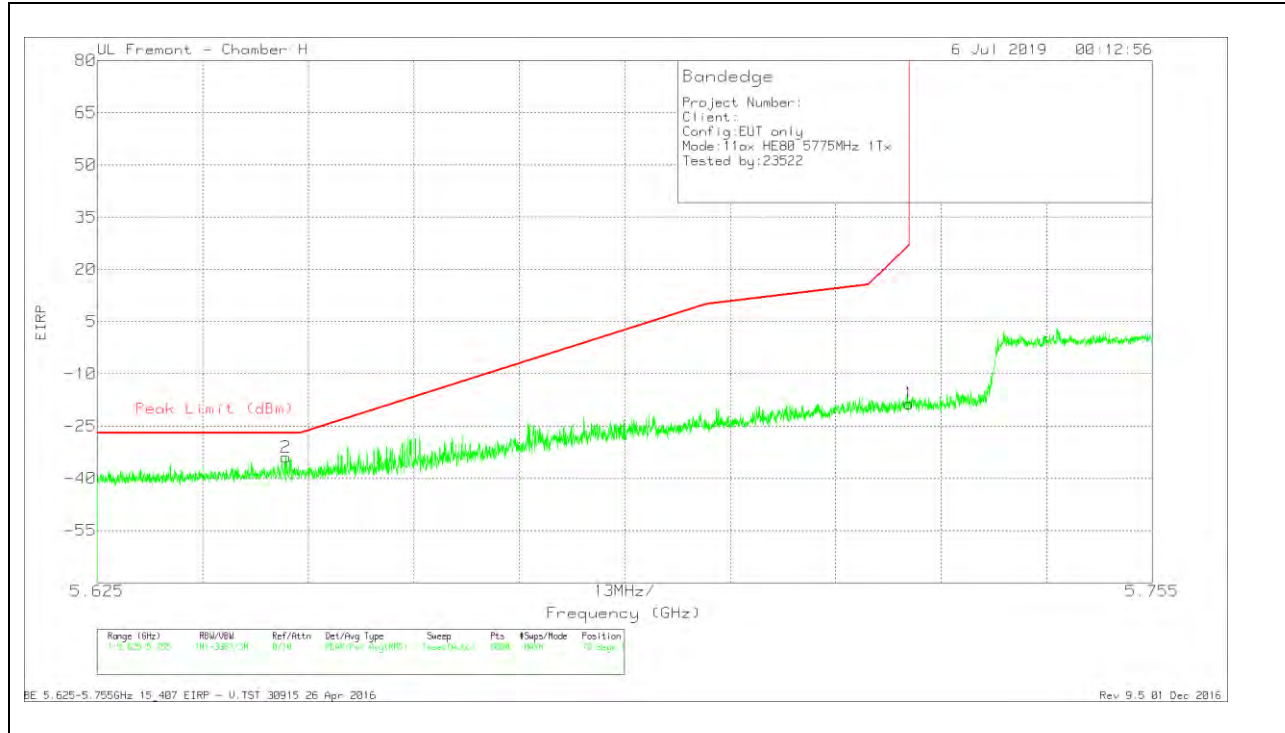
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-58.25	Pk	35.1	-20.6	11.8	0	-31.95	-27	-4.95	337	151	H
1	5.725	-43.85	Pk	35	-20.7	11.8	0	-17.75	26.96	-44.71	337	151	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-60.25	Pk	35.1	-20.6	11.8	0	-33.95	-27	-6.95	78	122	V
1	5.725	-44.62	Pk	35	-20.7	11.8	0	-18.52	27	-45.52	78	122	V

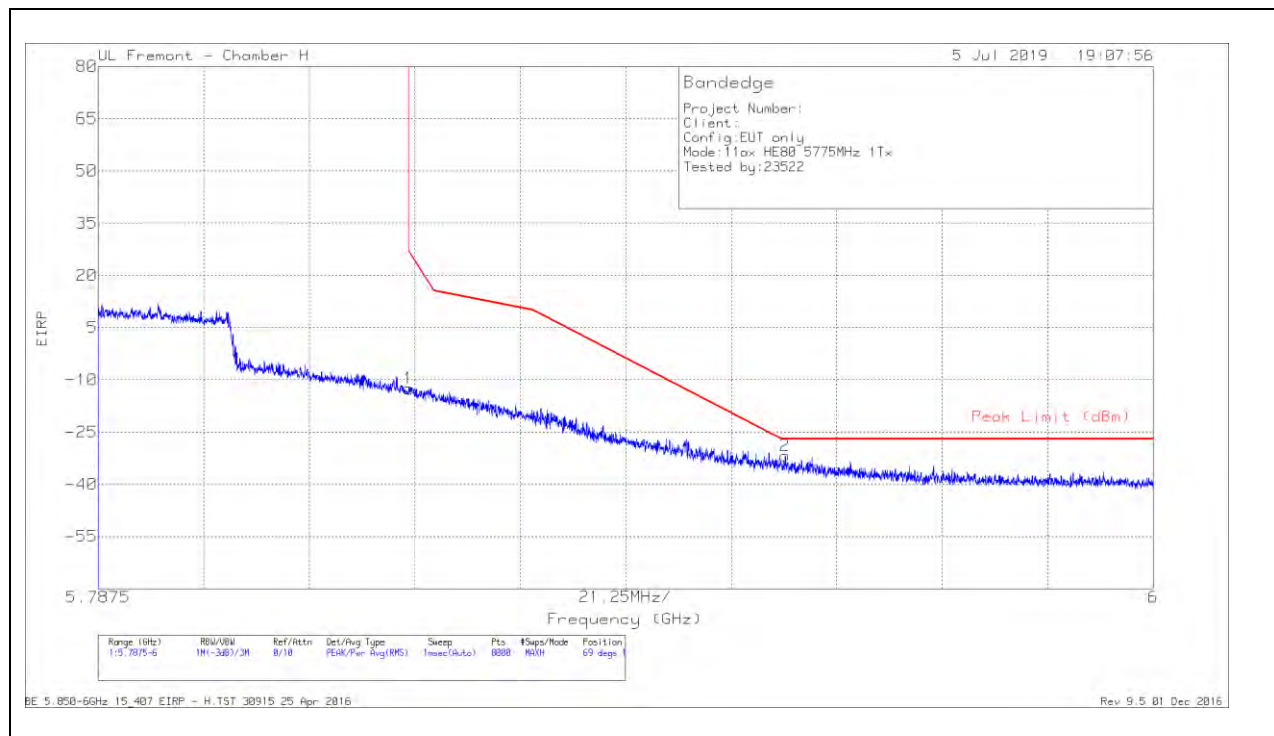
Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



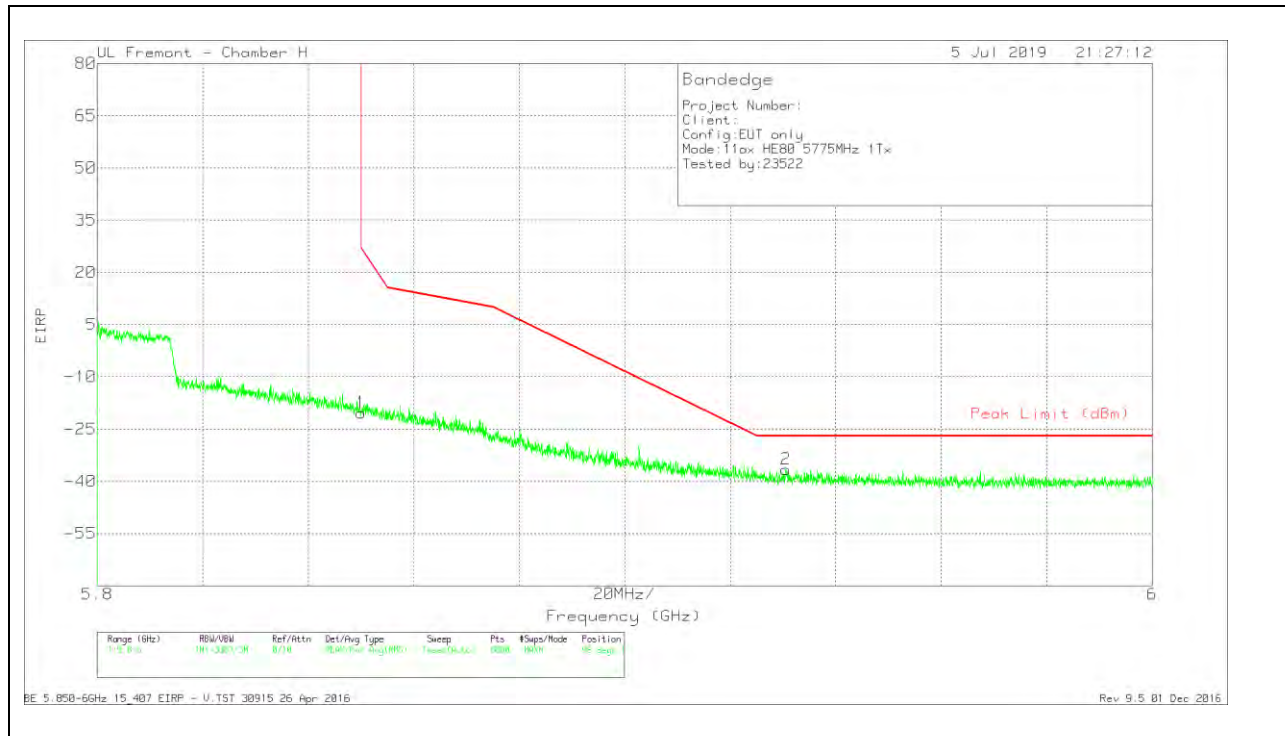
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-38.92	Pk	35	-20.4	11.8	0	-12.52	26.98	-39.5	69	187	H
2	5.926	-58.61	PK	35.1	-20.1	11.8	0	-31.81	-27	-4.81	69	187	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.77	Pk	35	-20.4	11.8	0	-20.37	26.99	-47.36	96	125	V
2	5.931	-63.26	Pk	35.1	-20.2	11.8	0	-36.56	-27	-9.56	96	125	V

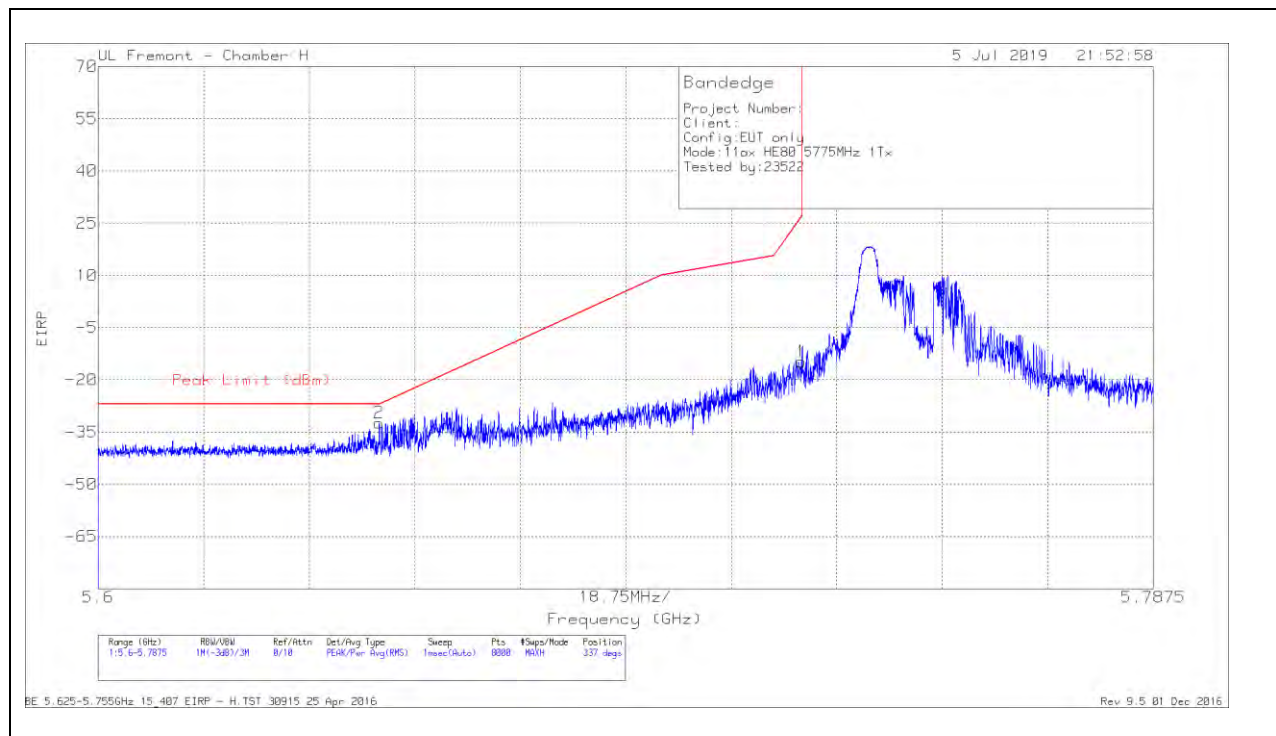
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016
Rev 9.5 01 Dec 2016

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



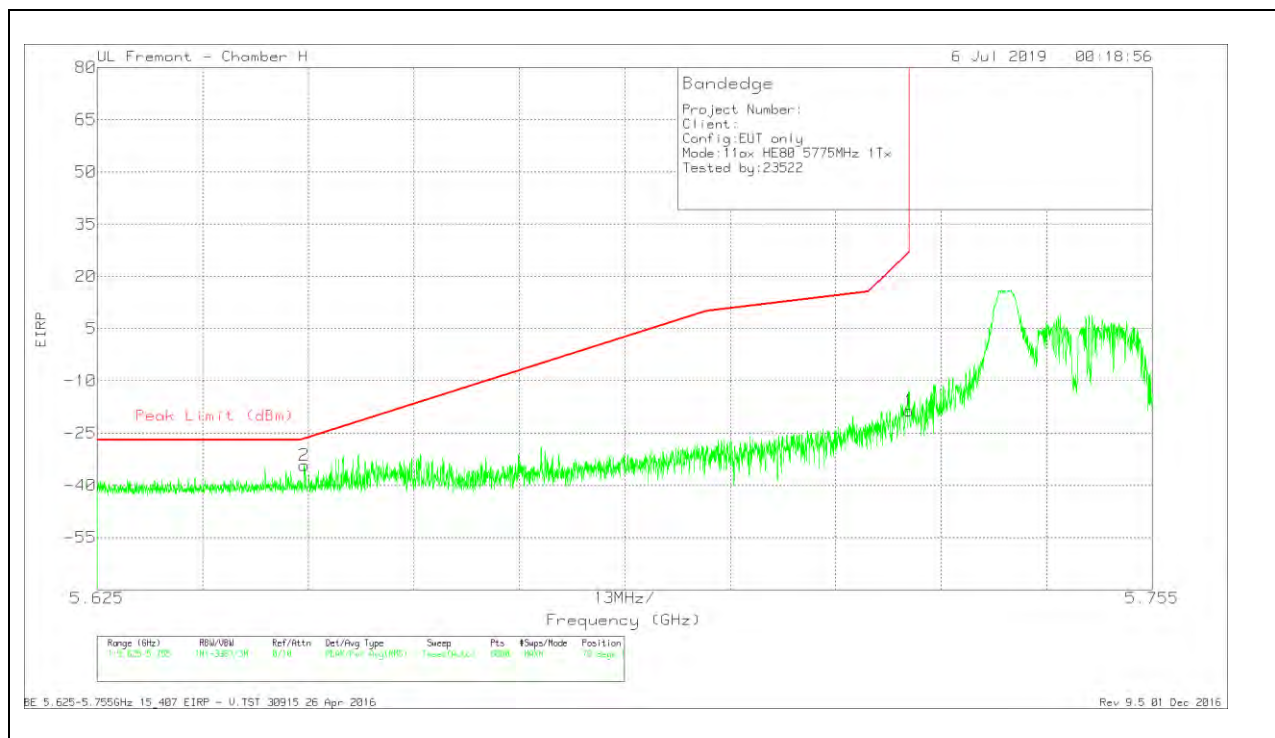
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-58.62	Pk	35.1	-20.6	11.8	0	-32.32	-27	-5.32	337	151	H
1	5.725	-40.84	Pk	35	-20.7	11.8	0	-14.74	26.96	-41.7	337	151	H

Pk - Peak detector

BE 5.625-5.7875GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-60.56	Pk	35.1	-20.6	11.8	0	-34.26	-26.63	-7.63	78	122	V
1	5.725	-44.73	Pk	35	-20.7	11.8	0	-18.63	27	-45.63	78	122	V

Pk - Peak detector

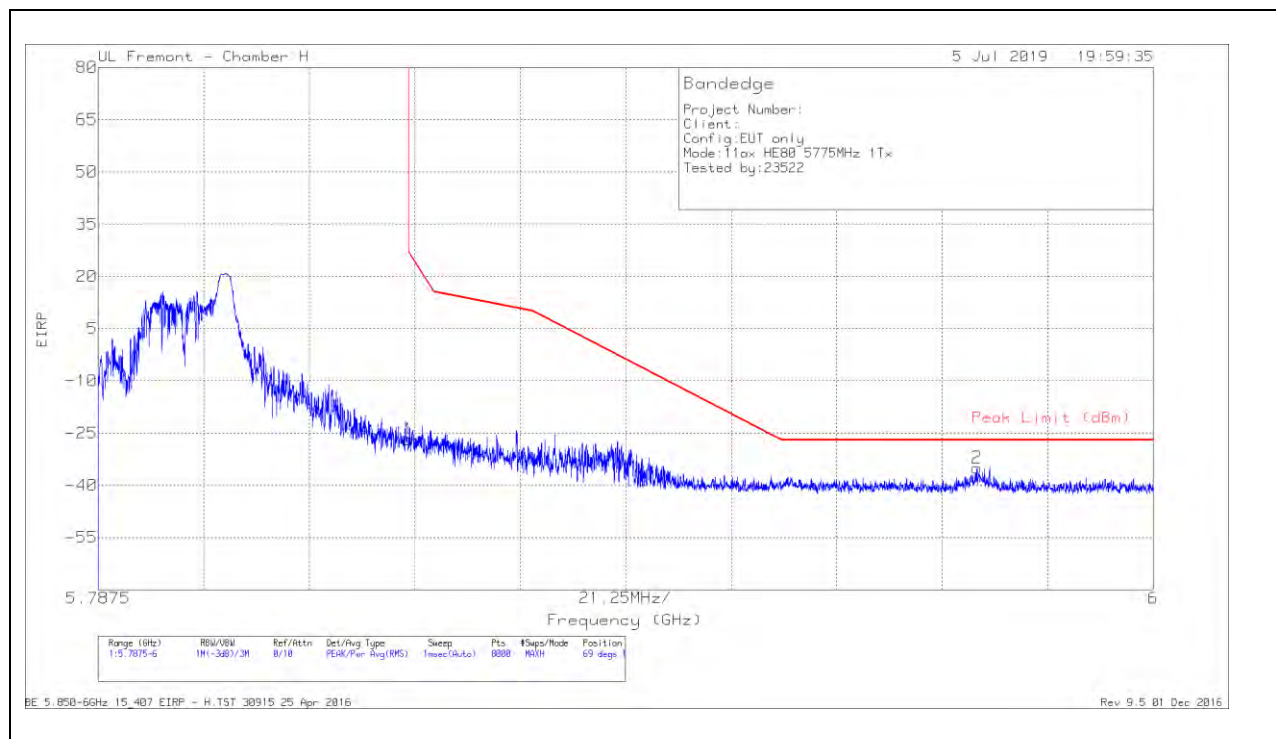
BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 26 Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



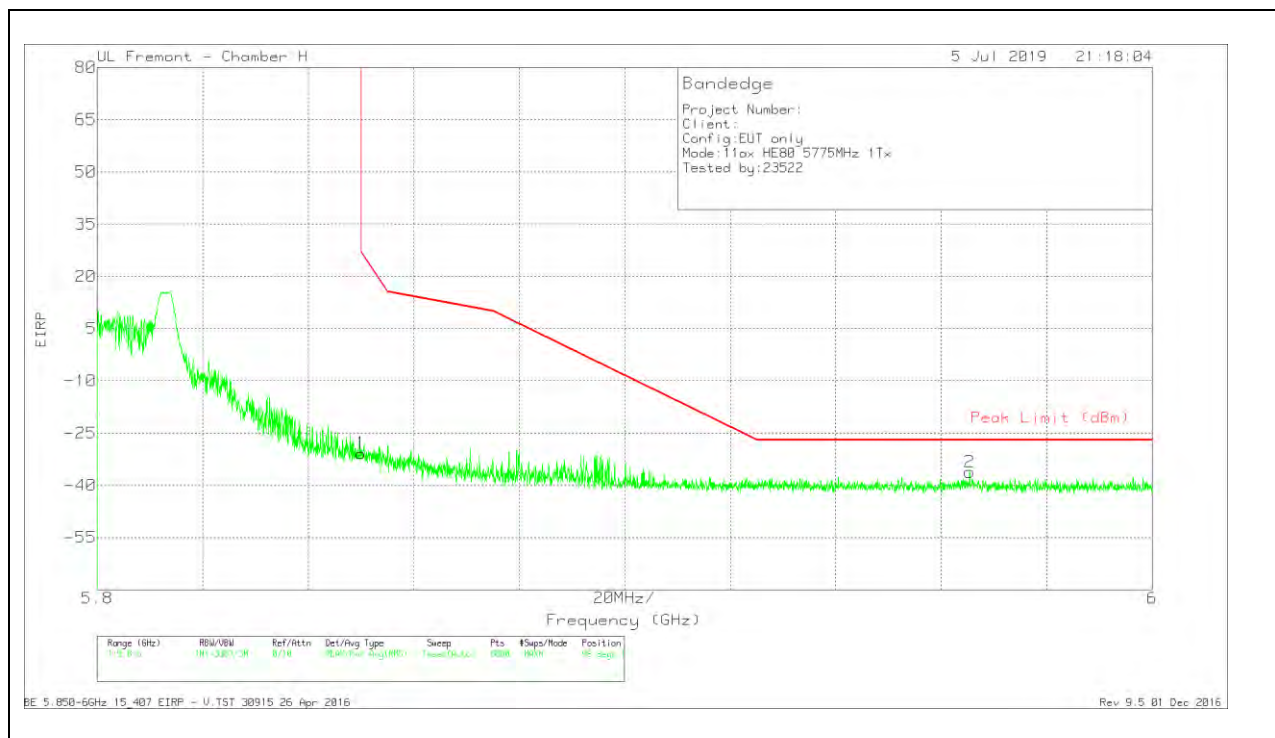
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-53.18	Pk	35	-20.4	11.8	0	-26.78	26.98	-53.76	69	187	H
2	5.964	-61.86	Pk	35.2	-20.1	11.8	0	-34.96	-27	-7.96	69	187	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.23	Pk	35	-20.4	11.8	0	-30.83	26.99	-57.82	96	125	V
2	5.965	-63.06	Pk	35.2	-20.1	11.8	0	-36.16	-27	-9.16	96	125	V

Pk - Peak detector

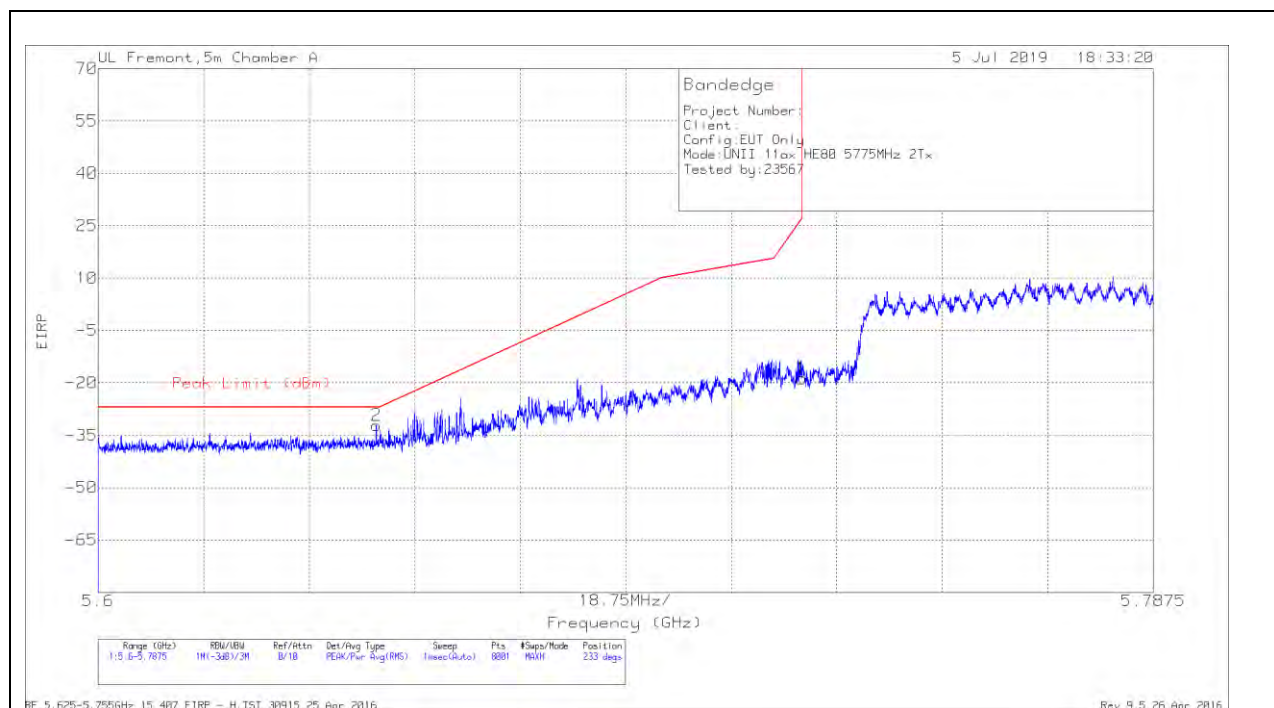
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



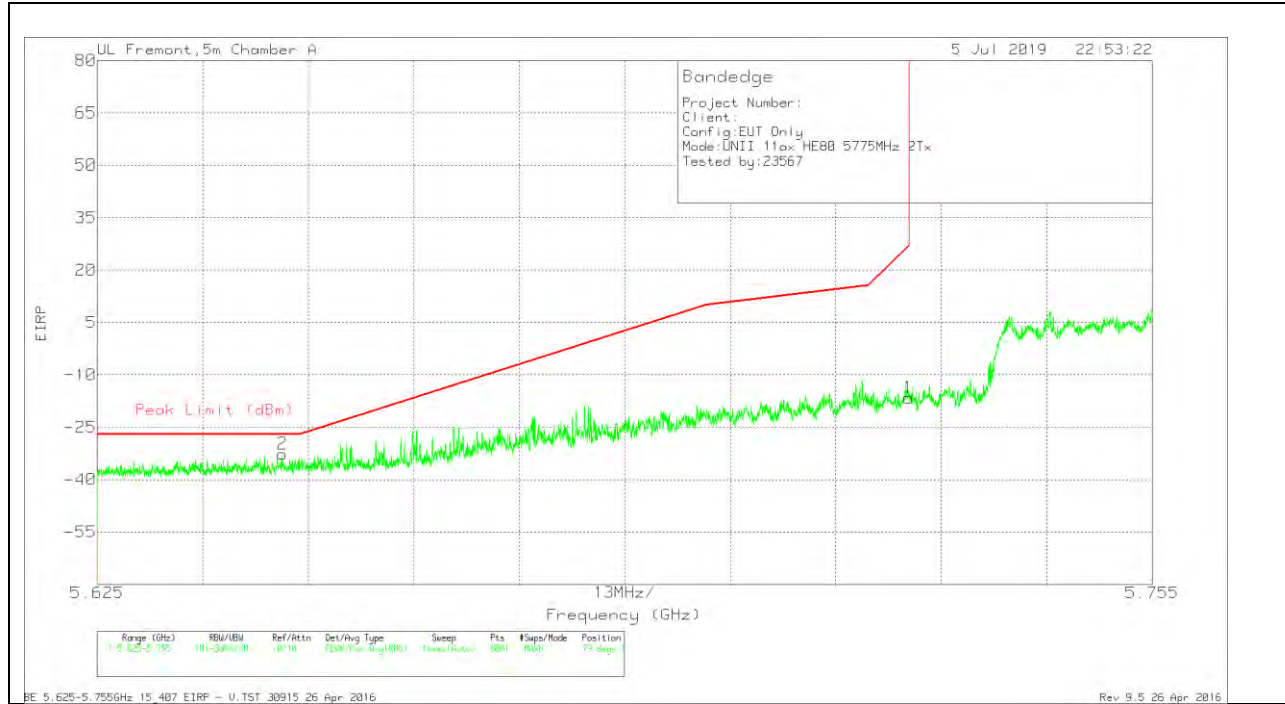
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-61.38	Pk	34.8	-17.4	11.8	0	-32.18	-27	-5.18	233	102	H
1	5.725	-48.22	Pk	34.9	-17.2	11.8	0	-18.72	26.99	-45.71	233	102	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-61.92	Pk	34.9	-17.4	11.8	0	-32.62	-27	-5.62	79	135	V
1	5.725	-46.08	Pk	34.9	-17.2	11.8	0	-16.58	26.97	-43.55	79	135	V

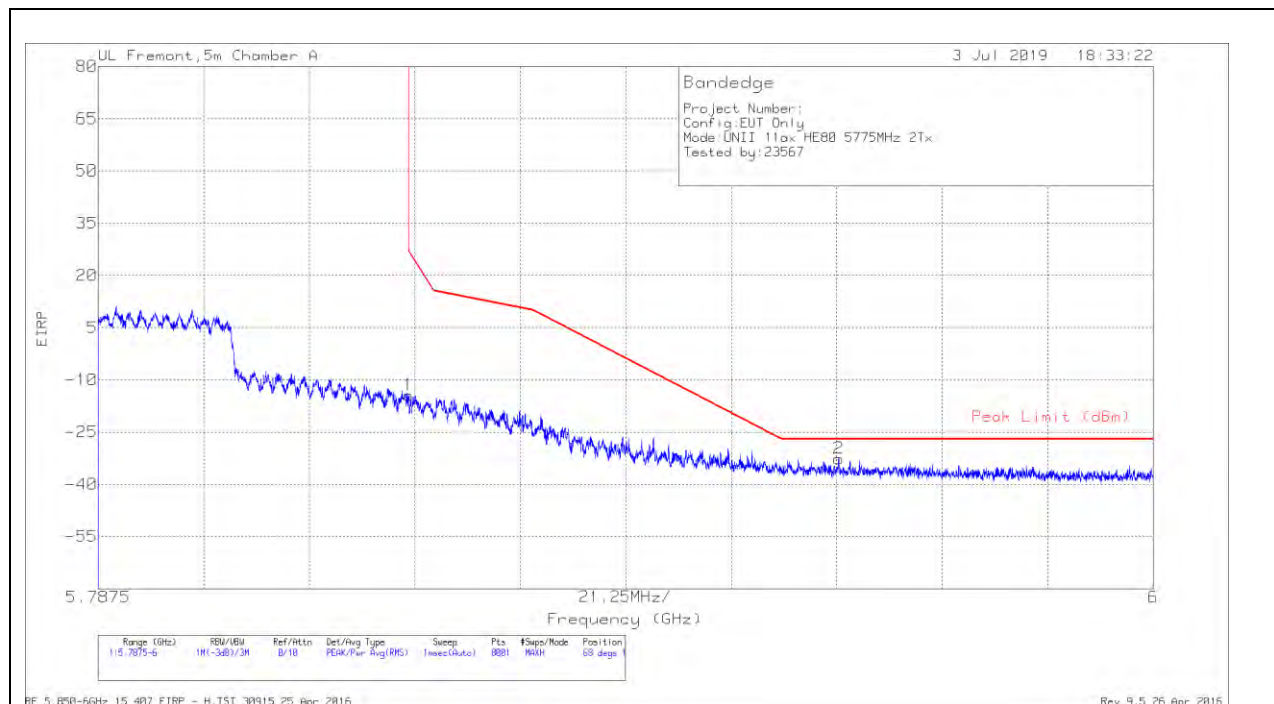
Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 26 Apr 2016

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



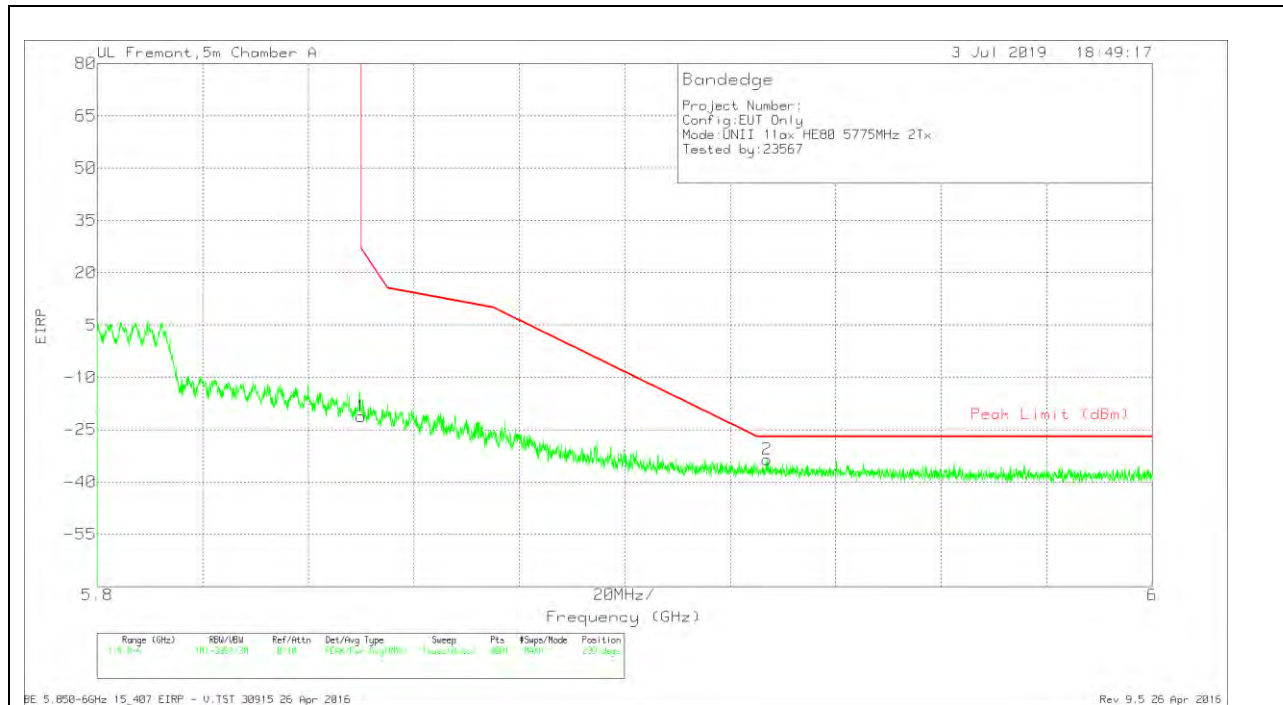
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.38	Pk	35.1	-16.9	11.8	0	-14.38	26.99	-41.37	68	106	H
2	5.937	-63.09	Pk	35.3	-16.6	11.8	0	-32.59	-27	-5.59	68	106	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.19	Pk	35.1	-16.9	11.8	0	-21.19	26.94	-48.13	299	111	V
2	5.927	-63.89	Pk	35.3	-16.7	11.8	0	-33.49	-27	-6.49	299	111	V

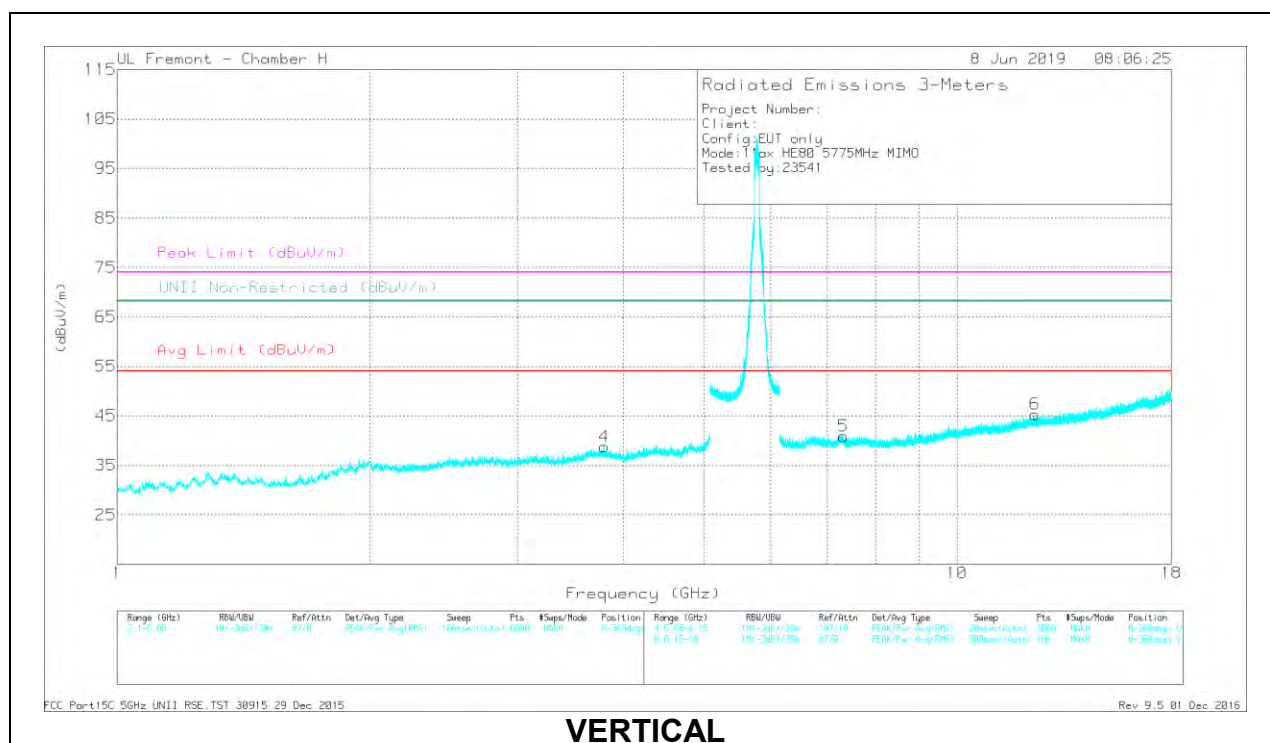
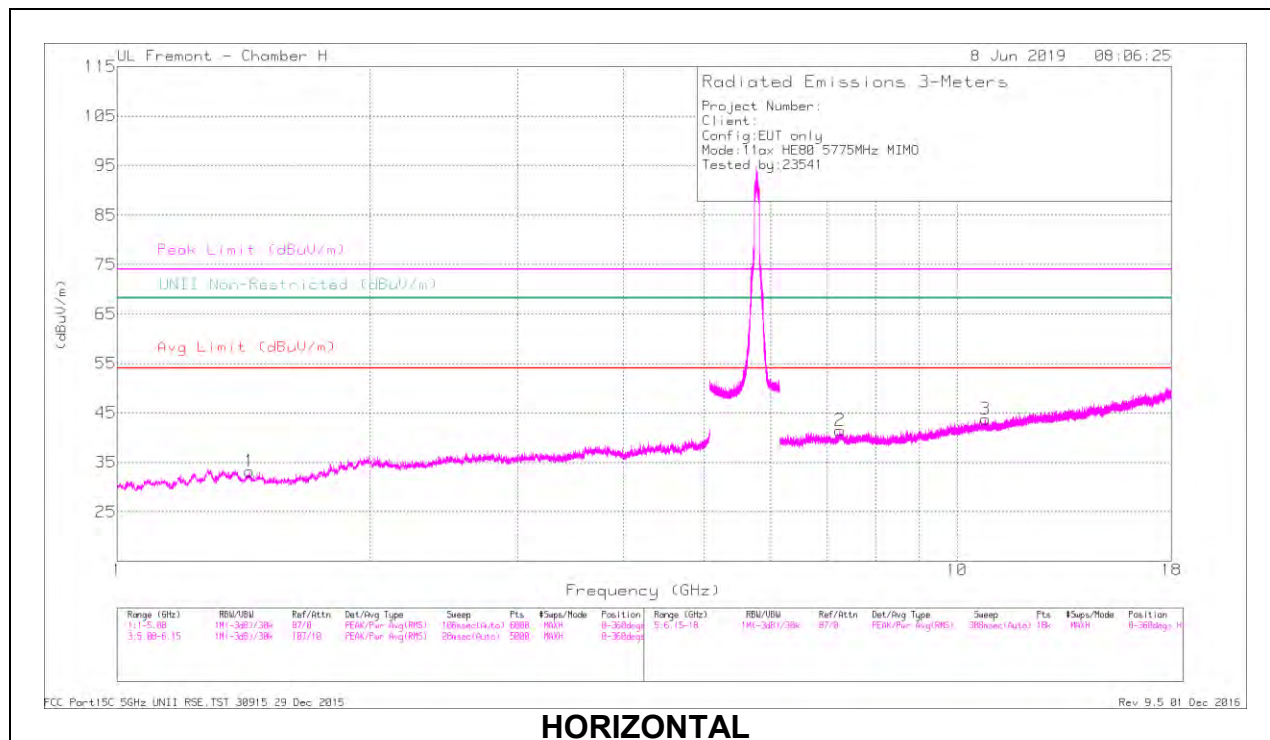
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	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	* 1.605	44.69	PK-U	28	-32.5	0	40.19	-	-	74	-33.81	-	-	80	381	H
	* 1.383	32.66	ADR	29.2	-32.9	0.1	29.06	54	-24.94	-	-	-	-	80	381	H
4	* 3.8	42.17	PK-U	33.5	-30.9	0	44.77	-	-	74	-29.23	-	-	164	186	V
	* 3.801	30.2	ADR	33.5	-30.8	0.1	33.0	54	-21.0	-	-	-	-	164	186	V
2	* 7.255	37.93	PK-U	36.4	-26.1	0	48.23	-	-	74	-25.77	-	-	74	174	H
	* 7.256	26.49	ADR	36.4	-26.1	0.1	36.89	54	-17.11	-	-	-	-	74	174	H
3	* 10.806	35.29	PK-U	37.8	-23.1	0	49.99	-	-	74	-24.01	-	-	142	376	H
	* 10.807	23.68	ADR	37.8	-23	0.1	38.58	54	-15.42	-	-	-	-	142	376	H
5	* 7.327	39.4	PK-U	36.4	-27.1	0	48.7	-	-	74	-25.3	-	-	18	242	V
	* 7.328	26.65	ADR	36.4	-27.1	0.1	36.05	54	-17.95	-	-	-	-	18	242	V
6	* 12.38	35.87	PK-U	39.1	-23.7	0	51.27	-	-	74	-22.73	-	-	244	309	V
	* 12.38	24.26	ADR	39.1	-23.7	0.1	39.76	54	-14.24	-	-	-	-	244	309	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

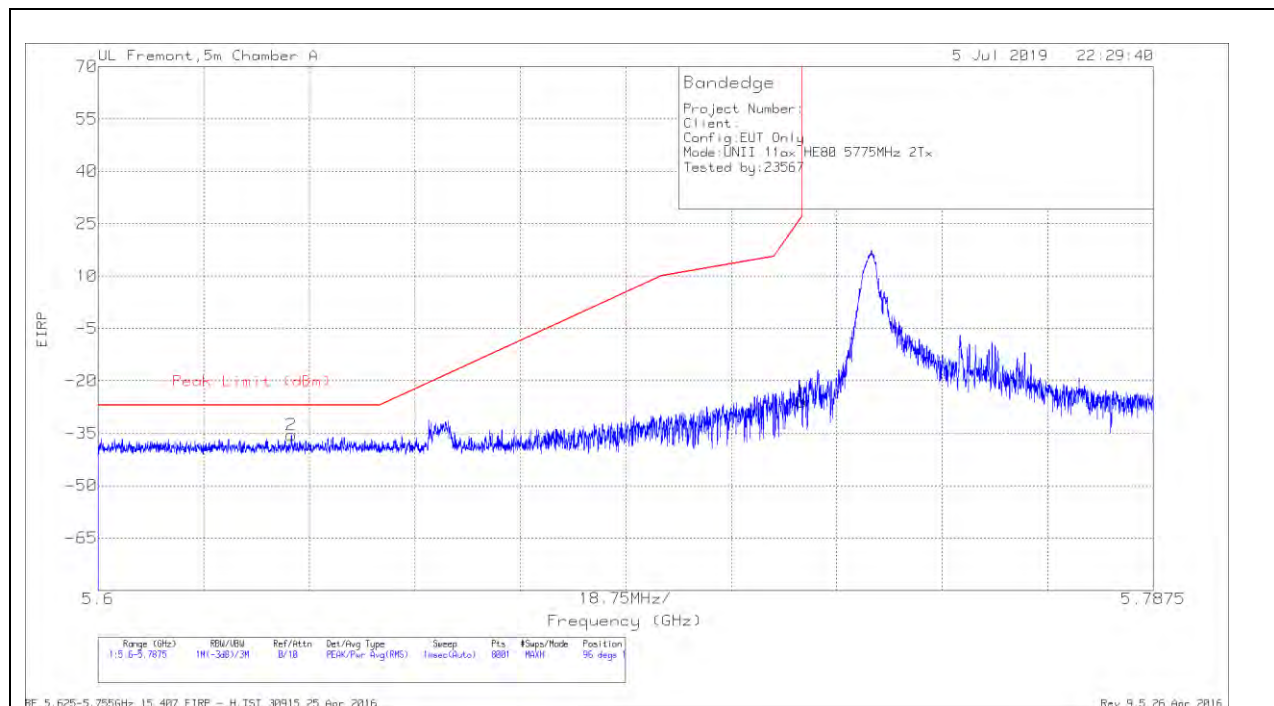
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT



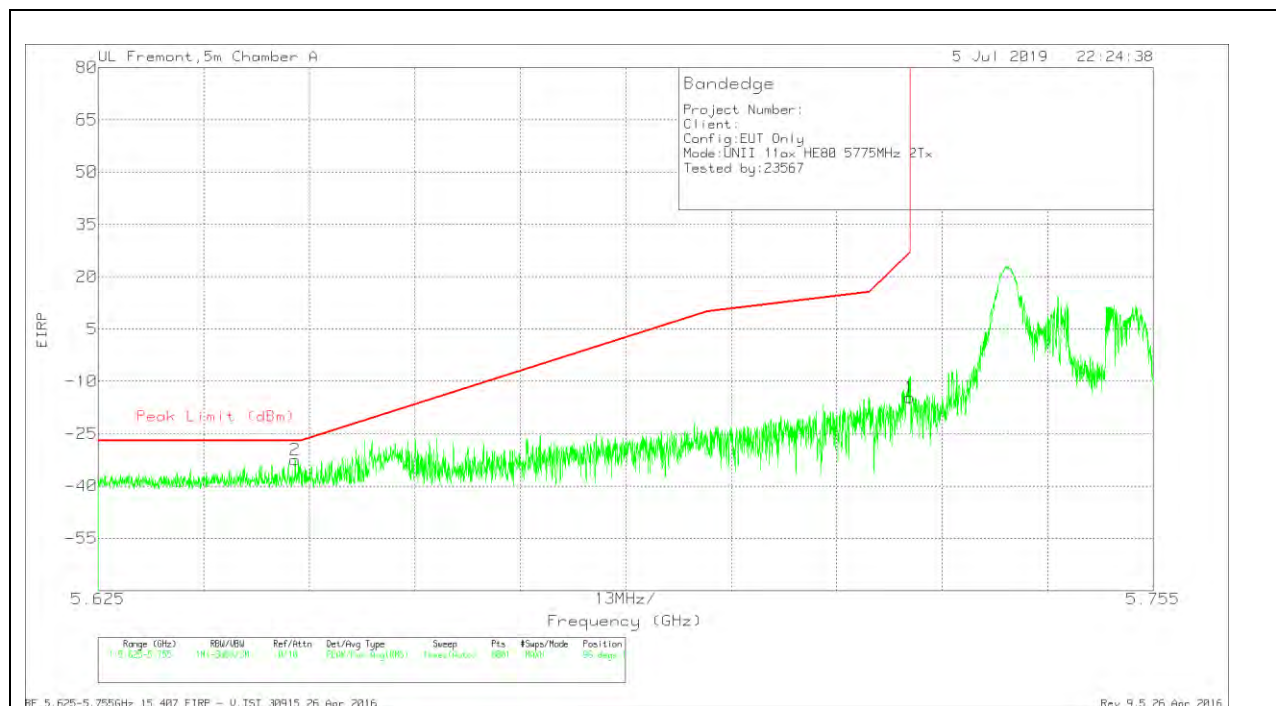
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (dBm)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.634	-64.73	Pk	34.8	-17.4	11.8	0	-35.53	-27	-8.53	96	112	H
1	5.725	-55.46	Pk	34.9	-17.2	11.8	0	-25.96	26.99	-52.95	96	112	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-61.7	Pk	34.8	-17.4	11.8	0	-32.5	-27	-5.5	96	112	V
1	5.725	-44.17	Pk	34.9	-17.2	11.8	0	-14.67	26.97	-41.64	96	112	V

Pk - Peak detector

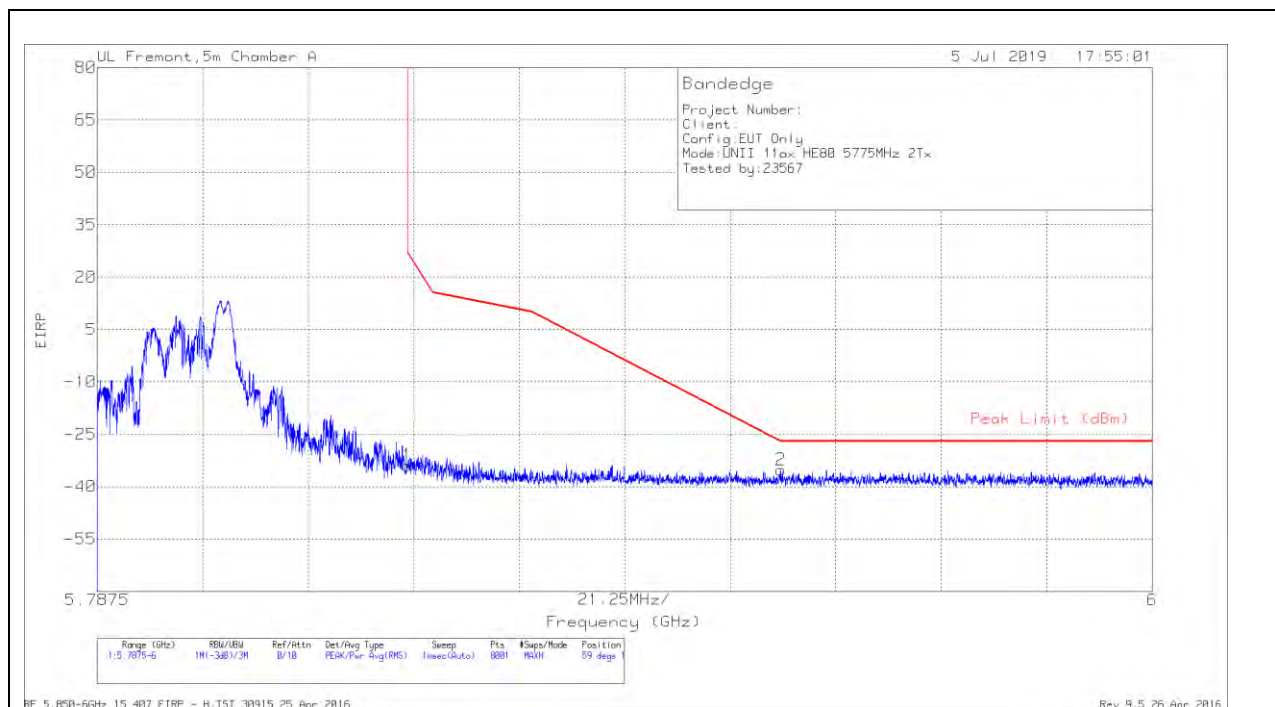
BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 26 Apr 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT



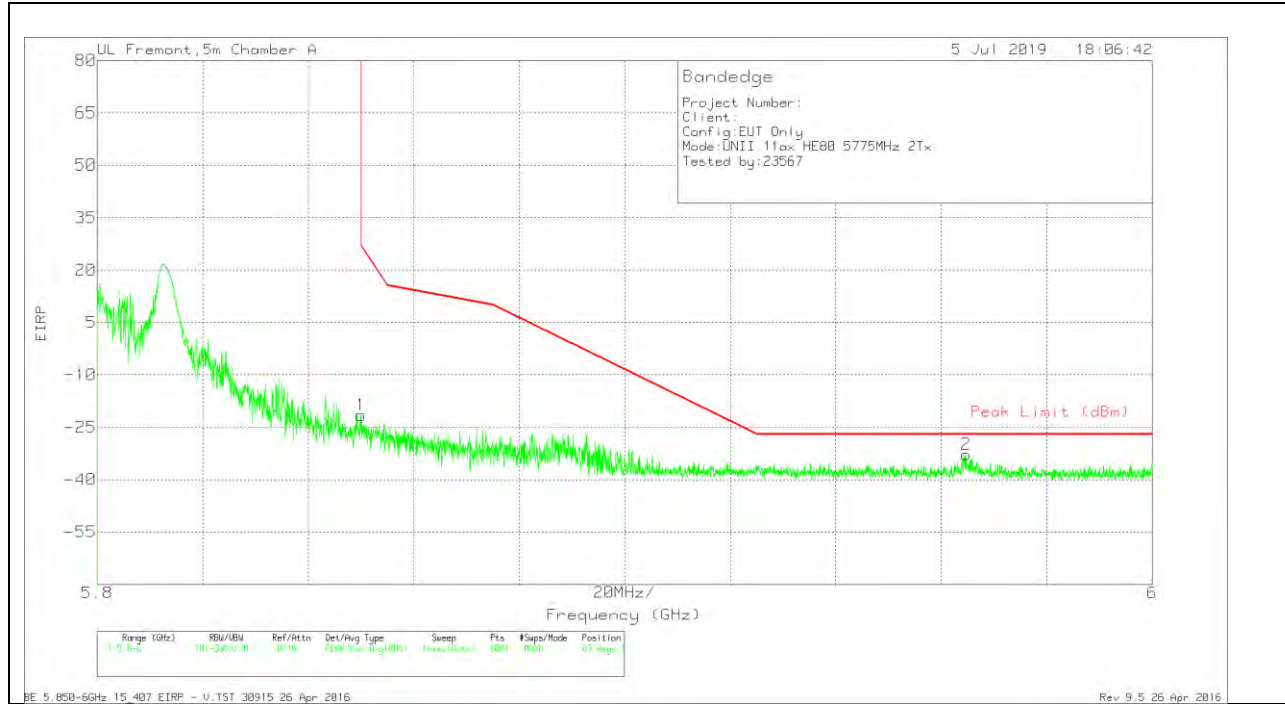
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cb/Filt/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.87	Pk	35.1	-16.9	11.8	0	-33.87	26.99	-60.86	59	103	H
2	5.925	-65.59	Pk	35.3	-16.7	11.8	0	-35.19	-27	-8.19	59	103	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 25 Apr 2016

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.56	Pk	35.1	-16.9	11.8	0	-21.56	26.94	-48.5	83	112	V
2	5.965	-63.52	Pk	35.5	-16.6	11.8	0	-32.82	-27	-5.82	83	112	V

Pk - Peak detector

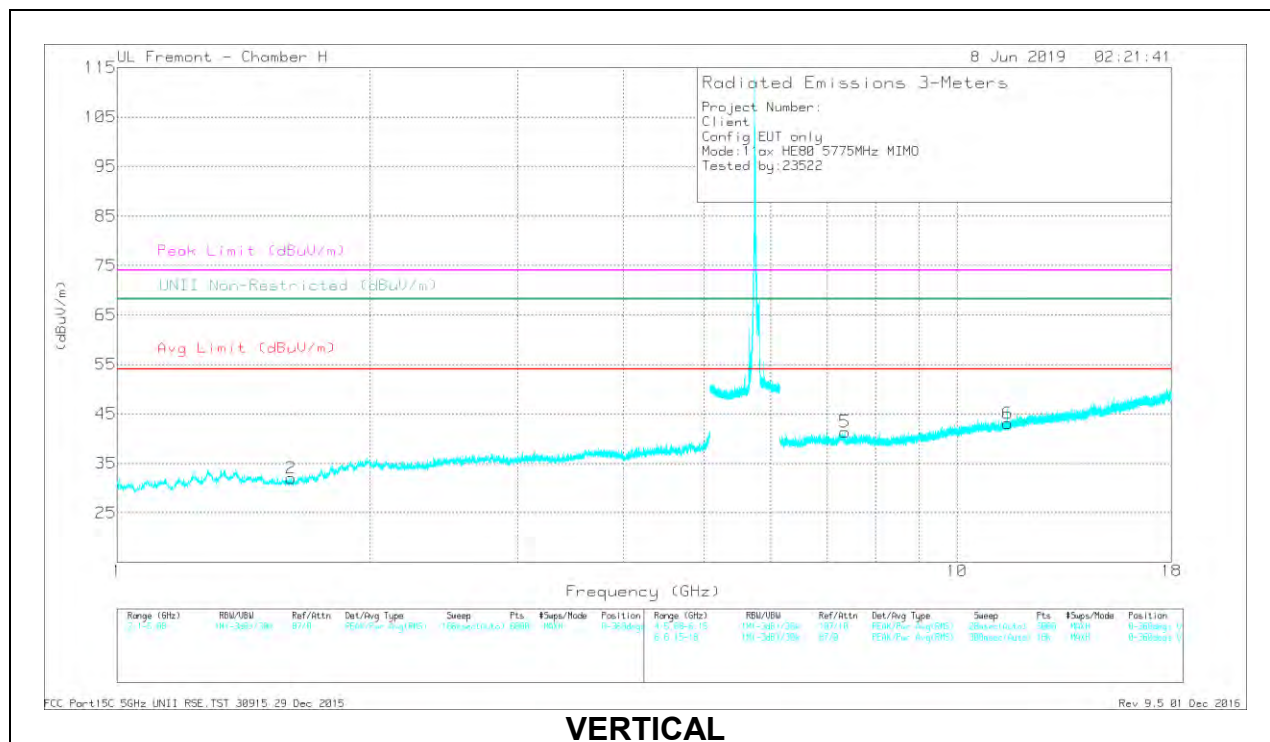
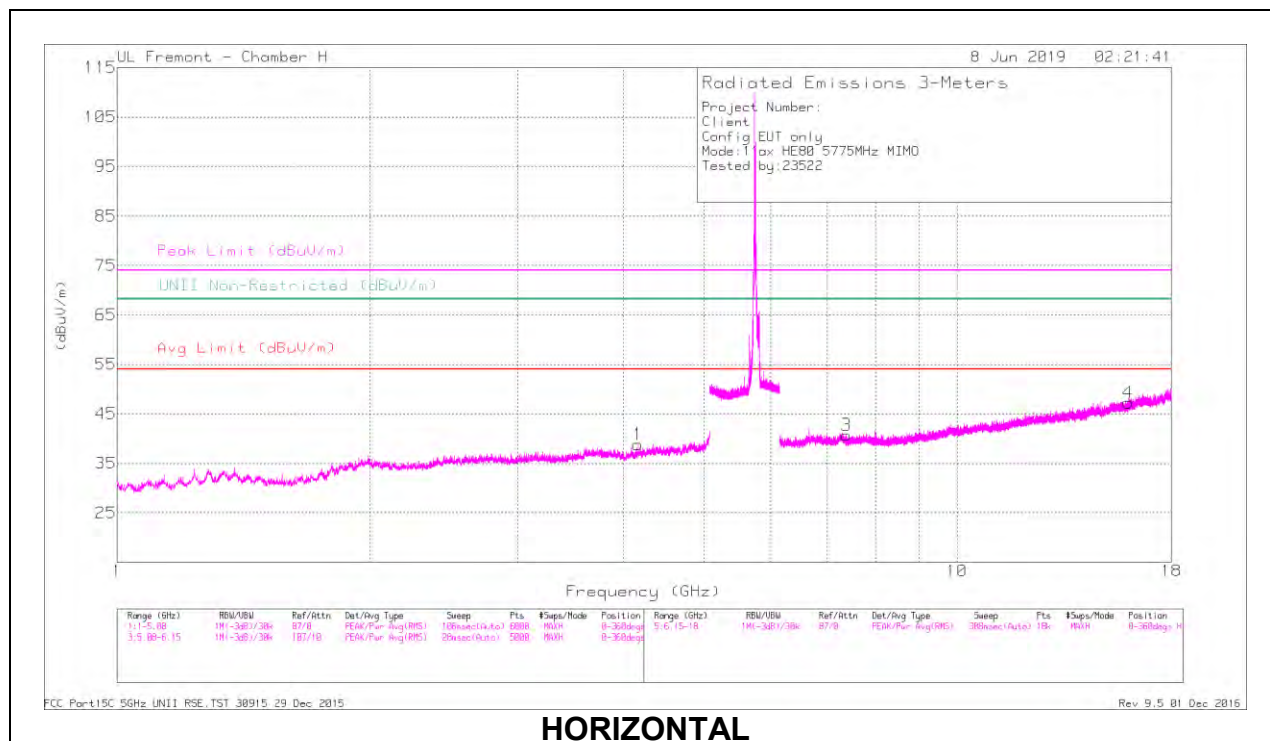
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 26 Apr 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 26 Tones, RU Index 36

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.168	42.09	PK-U	33.2	-30.7	0	44.59	-	-	74	-29.41	-	-	5	105	H
	* 4.169	30.42	ADR	33.2	-30.7	0	32.92	54	-21.08	-	-	-	-	5	105	H
2	* 1.609	43.93	PK-U	28	-32.5	0	39.43	-	-	74	-34.57	-	-	78	165	V
	* 1.612	31.95	ADR	28.1	-32.4	0	27.65	54	-26.35	-	-	-	-	78	165	V
3	* 7.381	38.88	PK-U	36.4	-28	0	47.28	-	-	74	-26.72	-	-	192	212	H
	* 7.383	27.61	ADR	36.4	-28	0	36.01	54	-17.99	-	-	-	-	192	212	H
4	* 15.994	35.04	PK-U	41	-22.2	0	53.84	-	-	74	-20.16	-	-	357	294	H
	* 15.993	24.19	ADR	41	-22.3	0	42.89	54	-11.11	-	-	-	-	357	294	H
5	* 7.357	39.66	PK-U	36.4	-27.6	0	48.46	-	-	74	-25.54	-	-	48	348	V
	* 7.358	27.76	ADR	36.4	-27.7	0	36.46	54	-17.54	-	-	-	-	48	348	V
6	* 11.494	35.99	PK-U	38.3	-23.8	0	50.49	-	-	74	-23.51	-	-	235	372	V
	* 11.495	24.71	ADR	38.3	-23.8	0	39.21	54	-14.79	-	-	-	-	235	372	V

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

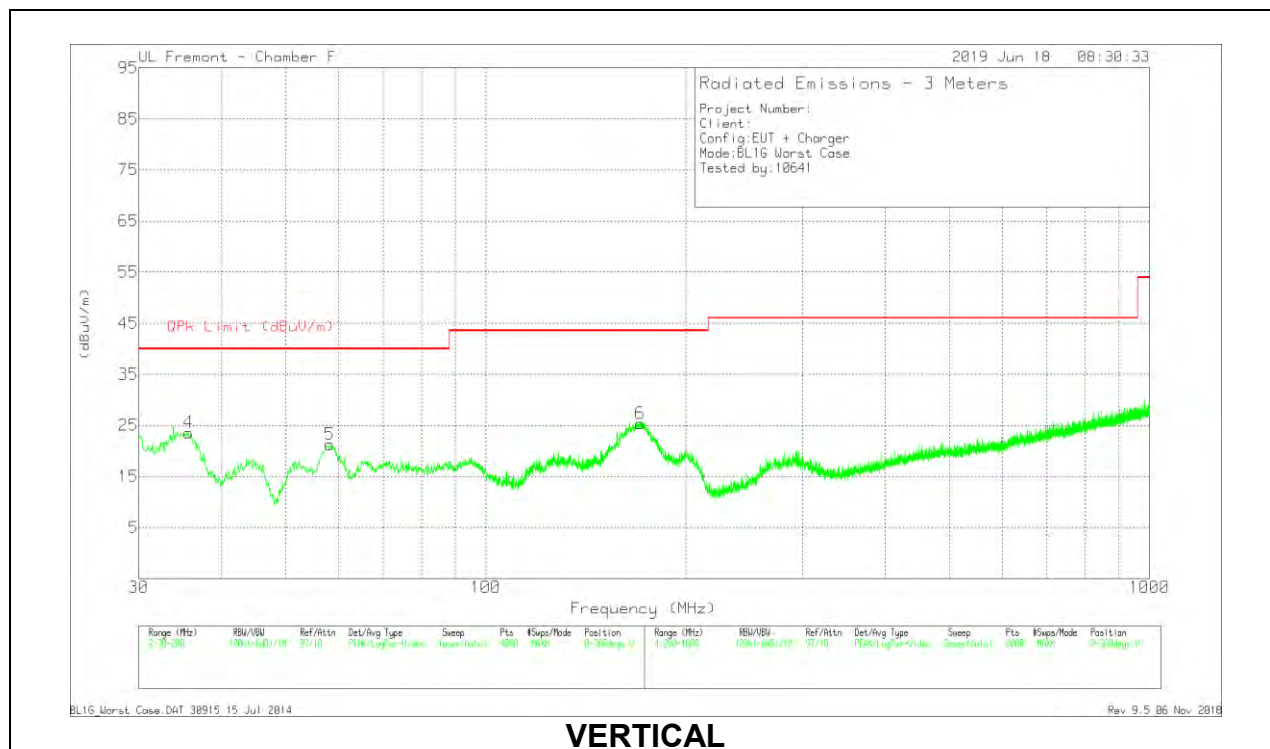
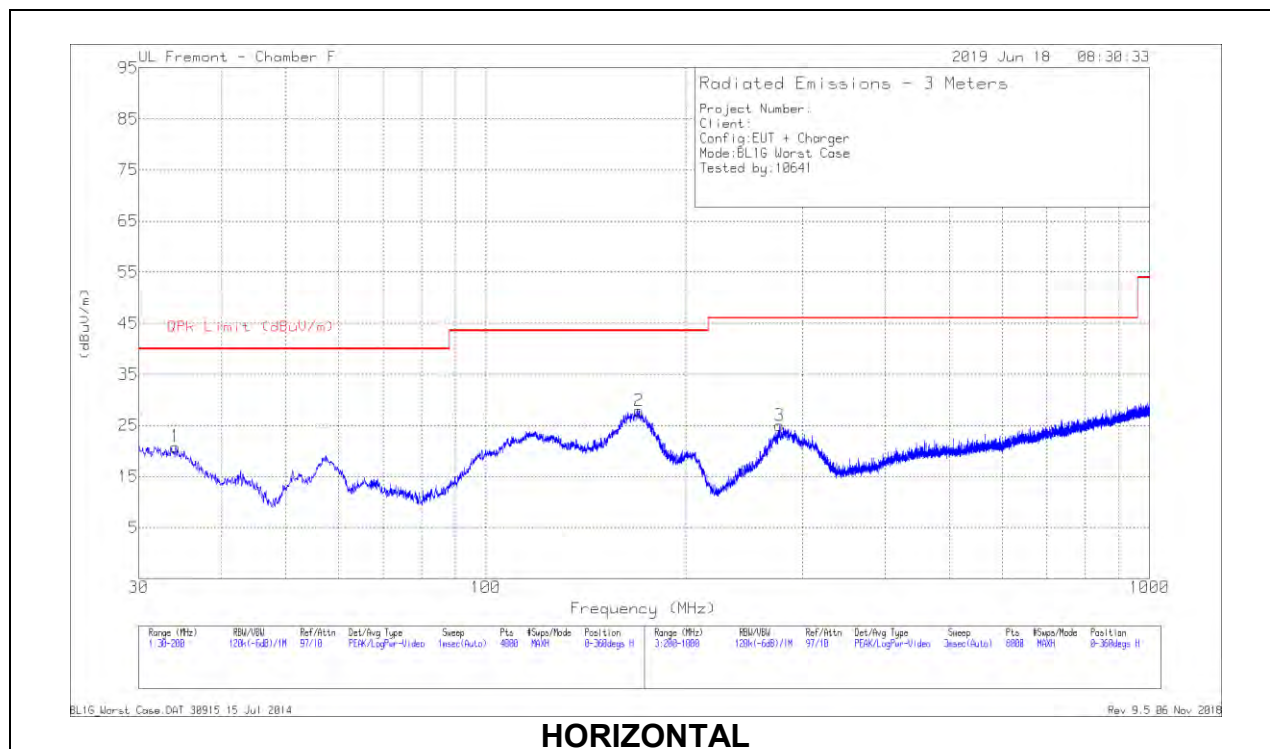
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

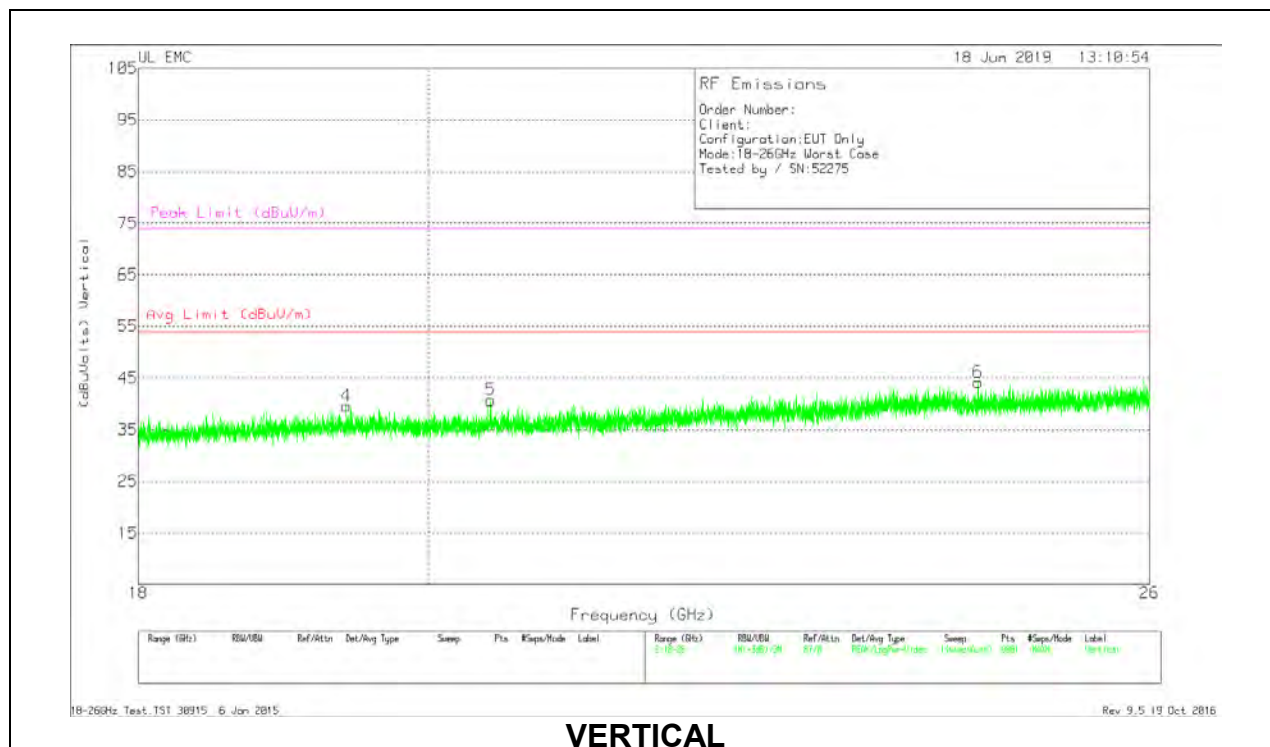
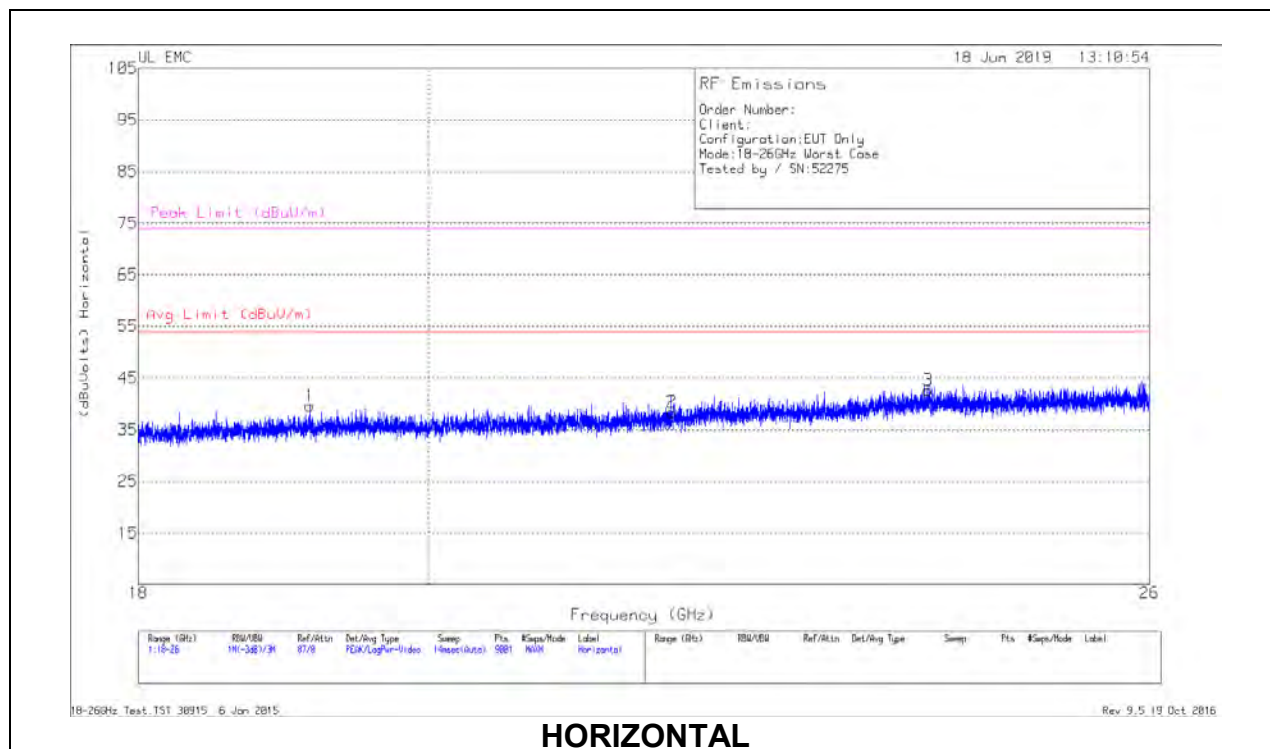
1.2. WORST CASE BELOW 1 GHZ



Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T900 (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	34.0811	30.24	Pk	22.5	-31.9	0	20.84	40	-19.16	0-360	98	H
2	* 170.2863	42.84	Pk	15.7	-30.7	0	27.84	43.52	-15.68	0-360	199	H
4	35.654	34.07	Pk	21.4	-31.9	0	23.57	40	-16.43	0-360	100	V
5	58.1848	41.34	Pk	11.4	-31.5	0	21.24	40	-18.76	0-360	100	V
6	* 170.8815	40.36	Pk	15.7	-30.7	0	25.36	43.52	-18.16	0-360	100	V
3	* 277.31	37.65	Pk	17.4	-30.1	0	24.95	46.02	-21.07	0-360	99	H

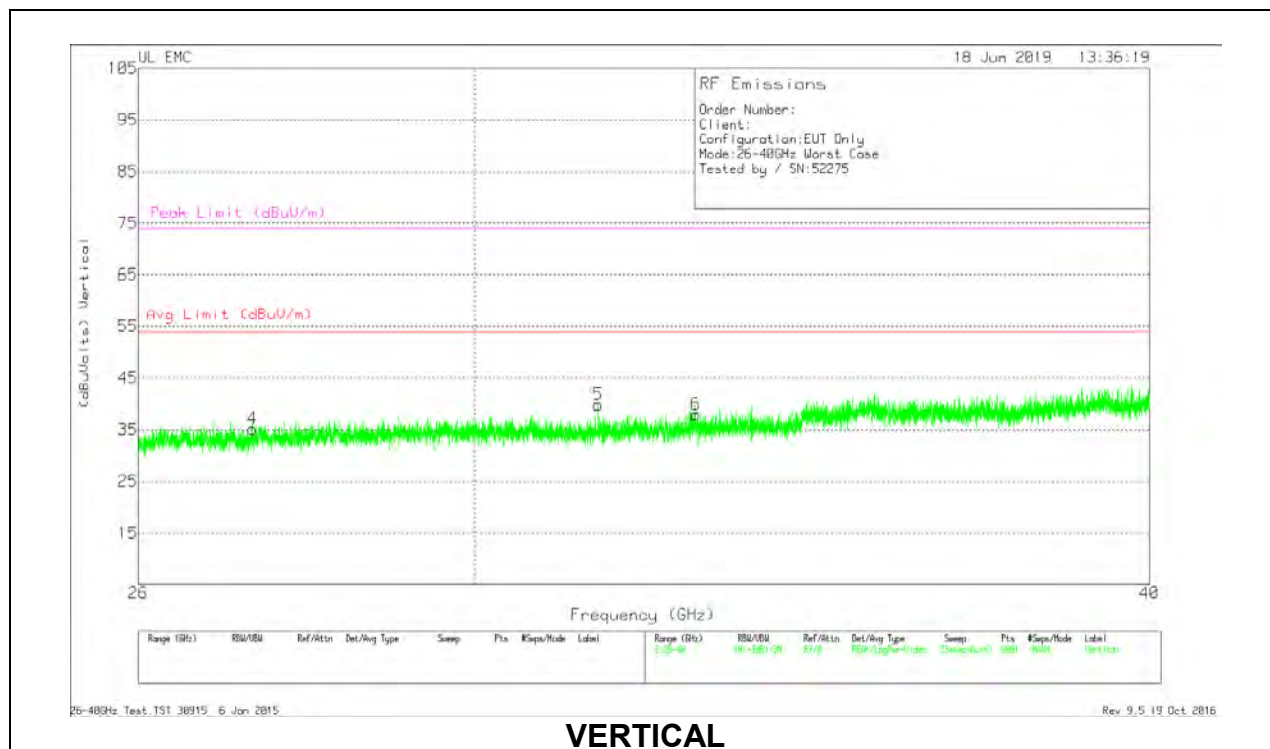
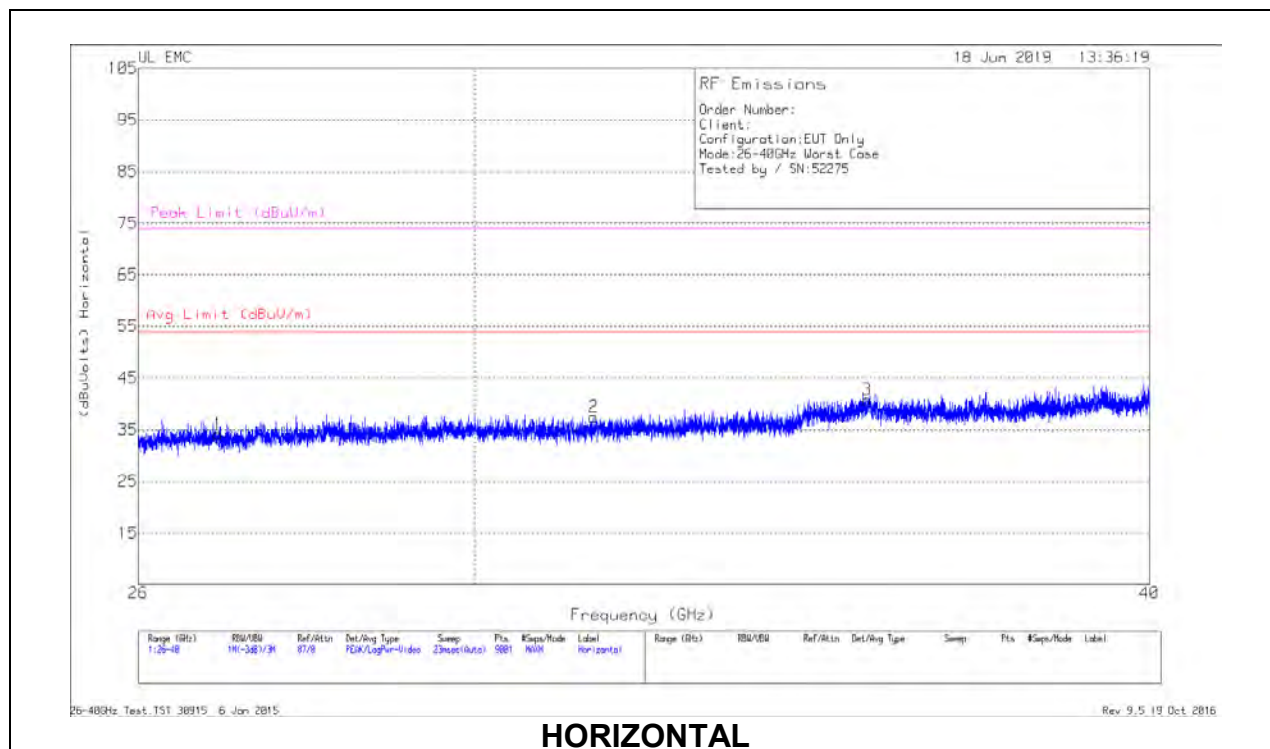
1.3. WORST CASE 18-26 GHZ



18 – 26GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	DC Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.159	37.73	Pk	32.6	-21.2	-9.5	0	39.63	54	-14.37	74	-34.37
2	21.852	35.62	Pk	33.2	-20.9	-9.5	0	38.42	54	-15.58	74	-35.58
3	23.987	37.23	Pk	34.3	-19.4	-9.5	0	42.63	54	-11.37	74	-31.37
4	19.413	37.73	Pk	32.8	-21.4	-9.5	0	39.63	54	-14.37	74	-34.37
5	20.46	38.75	Pk	33	-21.5	-9.5	0	40.75	54	-13.25	74	-33.25
6	24.427	38.99	Pk	34.3	-19.6	-9.5	0	44.19	54	-9.81	74	-29.81

1.4. WORST CASE 26-40 GHZ



26 – 40GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	DC Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	26.899	39.69	Pk	35.4	-31.5	-9.5	0	34.09	54	-19.91	74	-39.91
2	31.566	39.36	Pk	36.3	-28.7	-9.5	0	37.46	54	-16.54	74	-36.54
3	35.467	40	Pk	37.9	-27.6	-9.5	0	40.8	54	-13.2	74	-33.2
4	27.296	40.03	Pk	35.6	-31	-9.5	0	35.13	54	-18.87	74	-38.87
5	31.625	41.94	Pk	36.3	-28.9	-9.5	0	39.84	54	-14.16	74	-34.16
6	32.966	39.44	Pk	36.7	-28.7	-9.5	0	37.94	54	-16.06	74	-36.06

2. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 [*]	56 to 46 [*]
0.5-5	56	46
5-30	60	50

^{*} Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

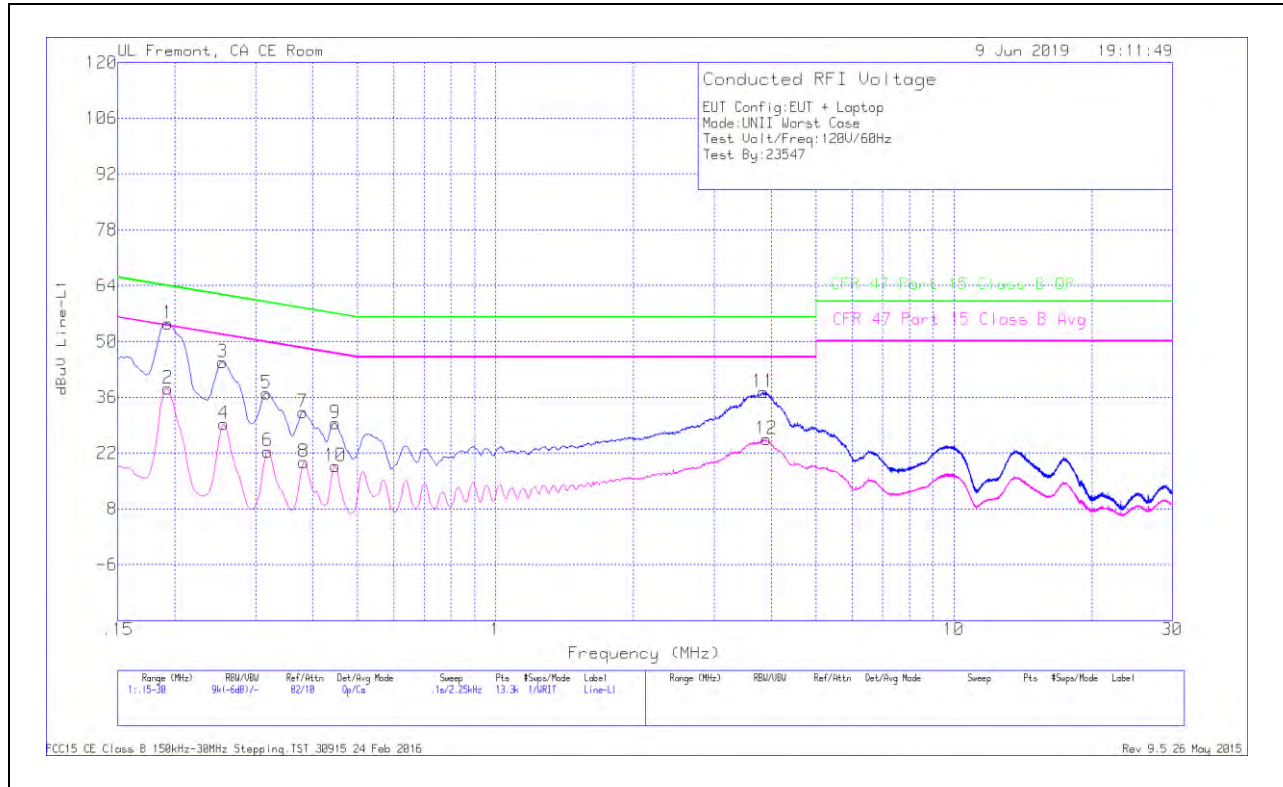
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

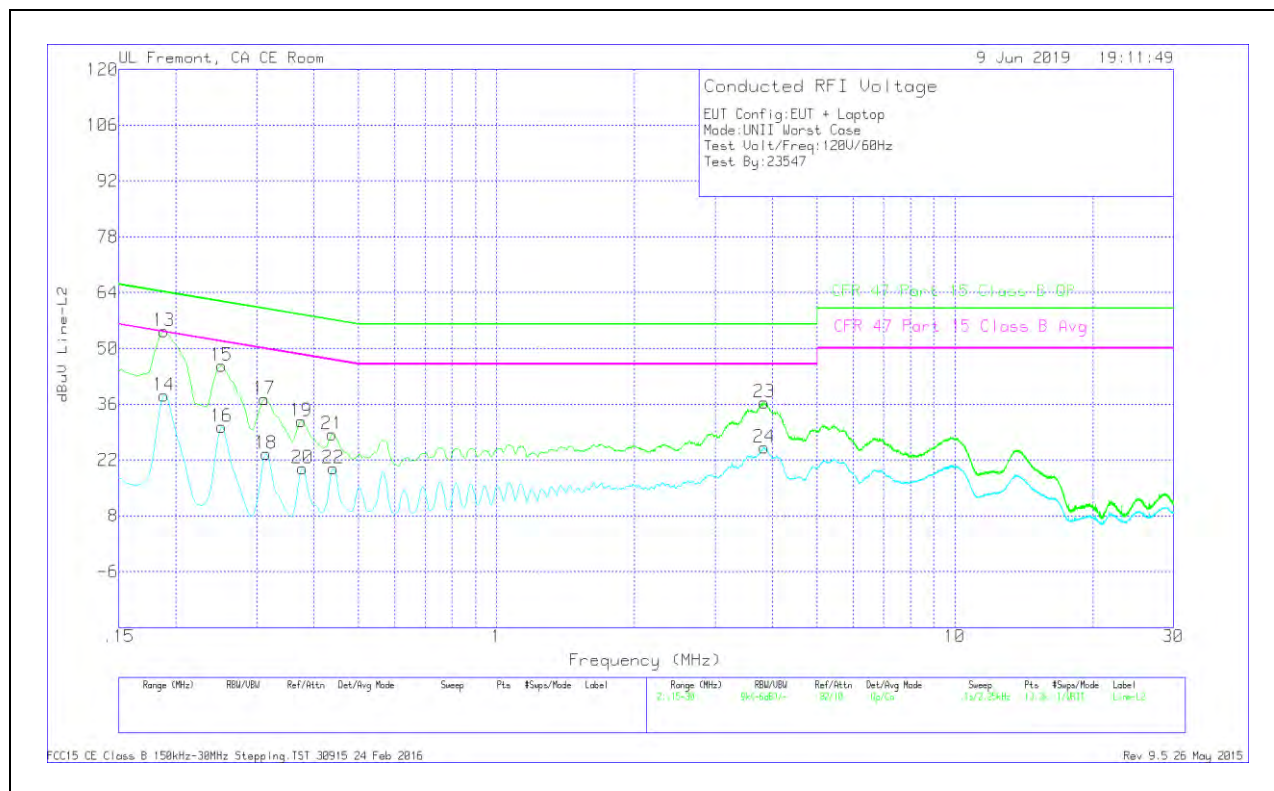
2.1.1. AC Power Line Host

LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.19275	44.37	Qp	0	0	10.1	54.47	63.92	-9.45	-	-
2	.19275	28	Ca	0	0	10.1	38.1	-	-	53.92	-15.82
3	.2535	34.69	Qp	0	0	10.1	44.79	61.64	-16.85	-	-
4	.25575	19.18	Ca	0	0	10.1	29.28	-	-	51.57	-22.29
5	.3165	26.93	Qp	0	0	10.1	37.03	59.8	-22.77	-	-
6	.31875	12.35	Ca	0	0	10.1	22.45	-	-	49.74	-27.29
7	.3795	22.17	Qp	0	0	10.1	32.27	58.29	-26.02	-	-
8	.38175	9.58	Ca	0	0	10.1	19.68	-	-	48.24	-28.56
9	.447	19.38	Qp	0	0	10.1	29.48	56.93	-27.45	-	-
10	.447	8.63	Ca	0	0	10.1	18.73	-	-	46.93	-28.2
11	3.8355	27.12	Qp	0	.1	10.1	37.32	56	-18.68	-	-
12	3.90075	15.26	Ca	0	.1	10.1	25.46	-	-	46	-20.54

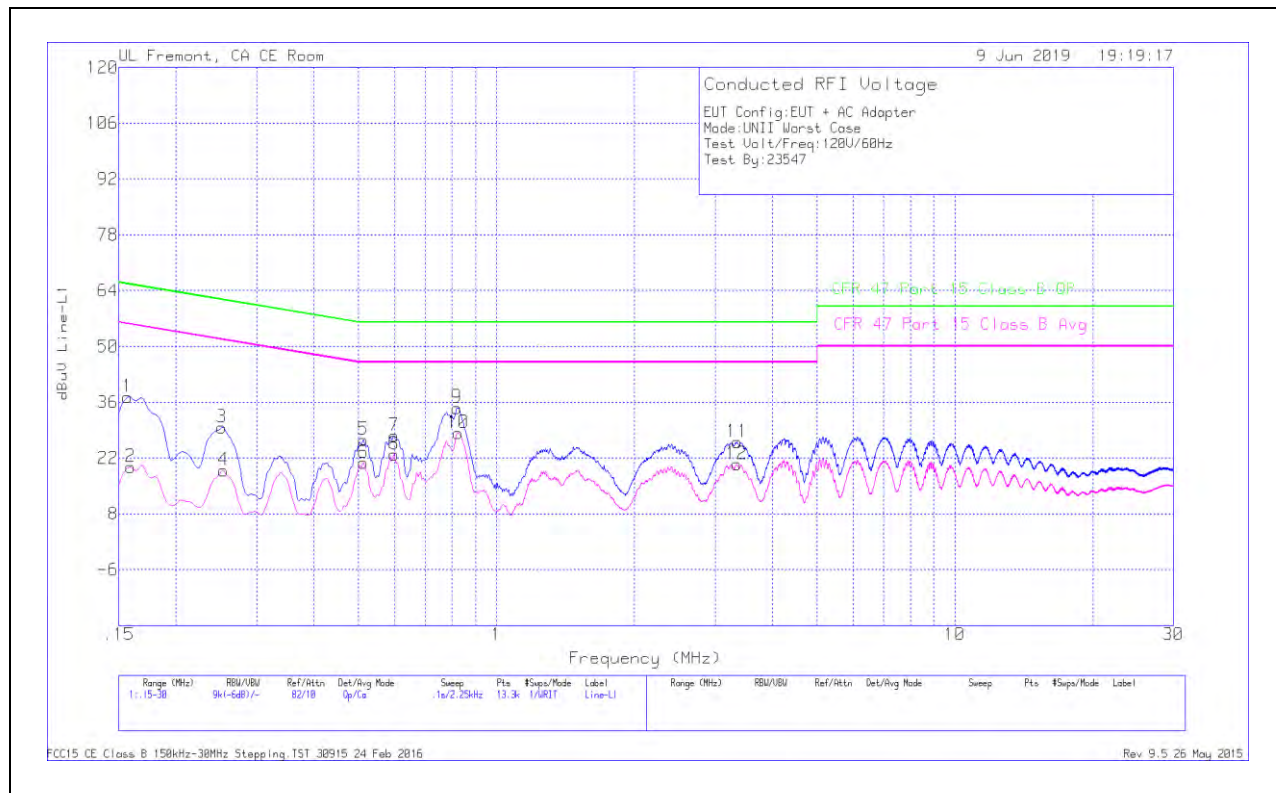
LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.18825	44.18	Qp	0	0	10.1	54.28	64.11	-9.83	-	-
14	.18825	28.14	Ca	0	0	10.1	38.24	-	-	54.11	-15.87
15	.25125	35.5	Qp	0	0	10.1	45.6	61.72	-16.12	-	-
16	.25125	20.21	Ca	0	0	10.1	30.31	-	-	51.72	-21.41
17	.312	27.27	Qp	0	0	10.1	37.37	59.92	-22.55	-	-
18	.31425	13.44	Ca	0	0	10.1	23.54	-	-	49.86	-26.32
19	.375	21.72	Qp	0	0	10.1	31.82	58.39	-26.57	-	-
20	.37725	9.87	Ca	0	0	10.1	19.97	-	-	48.34	-28.37
21	.438	18.33	Qp	0	0	10.1	28.43	57.1	-28.67	-	-
22	.44025	9.82	Ca	0	0	10.1	19.92	-	-	47.06	-27.14
23	3.83775	26.19	Qp	0	.1	10.1	36.39	56	-19.61	-	-
24	3.83775	15.02	Ca	0	.1	10.1	25.22	-	-	46	-20.78

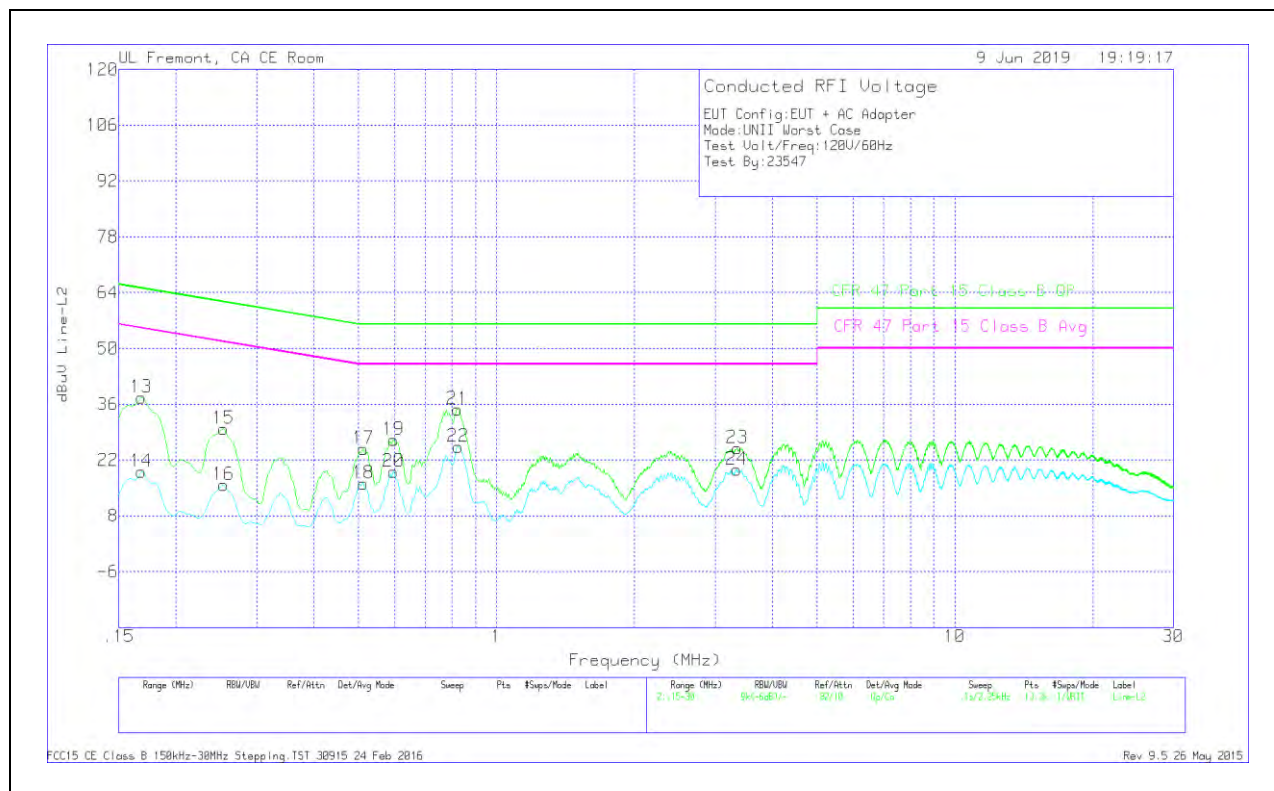
2.1.2. AC Power Line Norm

LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.15675	27.17	Qp	.1	0	10.1	37.37	65.63	-28.26	-	-
2	.159	9.54	Ca	.1	0	10.1	19.74	-	-	55.52	-35.78
3	.25125	19.62	Qp	0	0	10.1	29.72	61.72	-32	-	-
4	.2535	8.73	Ca	0	0	10.1	18.83	-	-	51.64	-32.81
5	.51225	16.42	Qp	0	0	10.1	26.52	56	-29.48	-	-
6	.51225	10.7	Ca	0	0	10.1	20.8	-	-	46	-25.2
7	.59775	17.54	Qp	0	0	10.1	27.64	56	-28.36	-	-
8	.59775	12.75	Ca	0	0	10.1	22.85	-	-	46	-23.15
9	.8205	24.51	Qp	0	0	10.1	34.61	56	-21.39	-	-
10	.825	18.18	Ca	0	0	10.1	28.28	-	-	46	-17.72
11	3.35513	15.84	Qp	0	.1	10.1	26.04	56	-29.96	-	-
12	3.34275	10.18	Ca	0	.1	10.1	20.38	-	-	46	-25.62

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.168	27.49	Qp	.1	0	10.1	37.69	65.06	-27.37	-	-
14	.168	8.79	Ca	.1	0	10.1	18.99	-	-	55.06	-36.07
15	.2535	19.74	Qp	0	0	10.1	29.84	61.64	-31.8	-	-
16	.2535	5.67	Ca	0	0	10.1	15.77	-	-	51.64	-35.87
17	.51225	14.64	Qp	0	0	10.1	24.74	56	-31.26	-	-
18	.51225	6.07	Ca	0	0	10.1	16.17	-	-	46	-29.83
19	.5955	16.95	Qp	0	0	10.1	27.05	56	-28.95	-	-
20	.5955	8.92	Ca	0	0	10.1	19.02	-	-	46	-26.98
21	.82162	24.55	Qp	0	0	10.1	34.65	56	-21.35	-	-
22	.825	15.24	Ca	0	0	10.1	25.34	-	-	46	-20.66
23	3.35175	14.73	Qp	0	.1	10.1	24.93	56	-31.07	-	-
24	3.34275	9.36	Ca	0	.1	10.1	19.56	-	-	46	-26.44

3. SETUP PHOTOS

Please refer to 12943451-EP1V1 for setup photos

END OF TEST REPORT