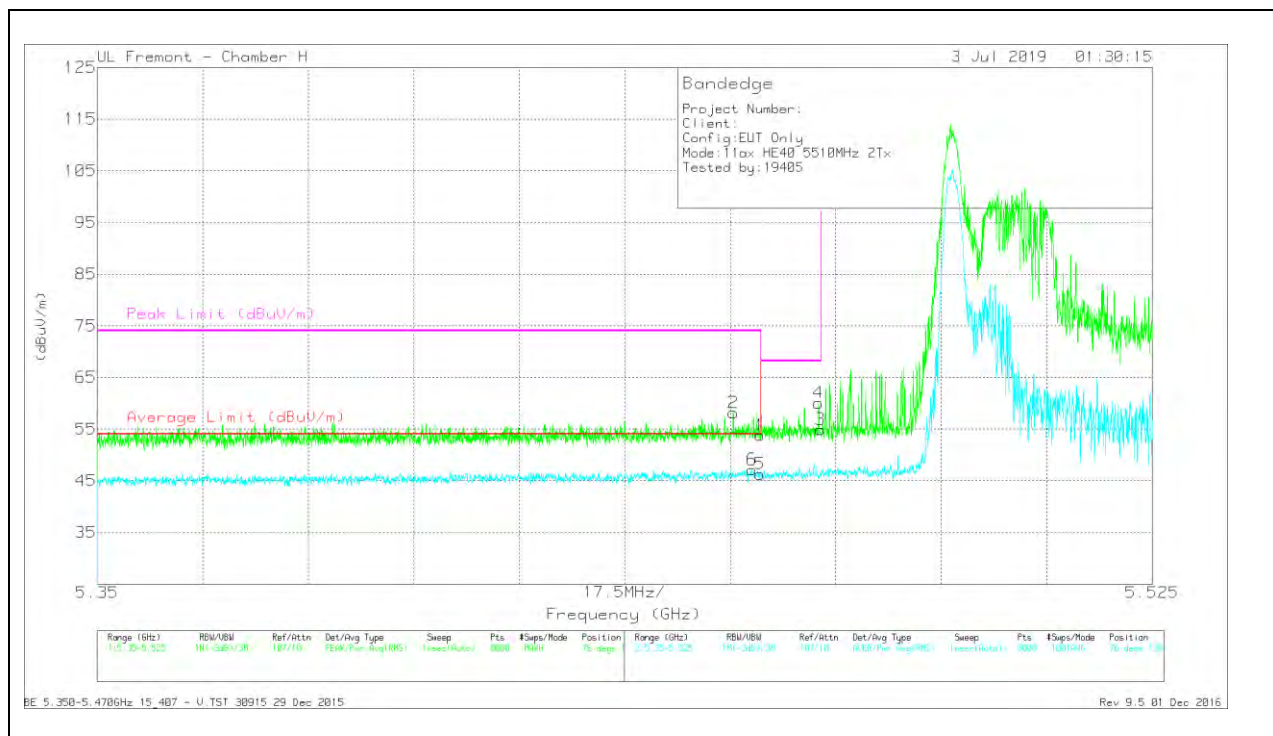


VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.98	Pk	35.2	-20.4	0	53.78	-	-	74	-20.22	76	130	V
2	* 5.456	43.27	Pk	35.3	-20.4	0	58.17	-	-	74	-15.83	76	130	V
5	* 5.46	31.52	RMS	35.2	-20.4	0	46.32	54	-7.68	-	-	76	130	V
6	* 5.459	32.22	RMS	35.3	-20.4	0	47.12	54	-6.88	-	-	76	130	V
3	5.47	40.13	PK	35.3	-20.5	0	54.93	-	-	68.2	-13.27	76	130	V
4	5.47	45.28	PK	35.3	-20.5	0	60.08	-	-	68.2	-8.12	76	130	V

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

Pk - Peak detector

RMS - RMS detection

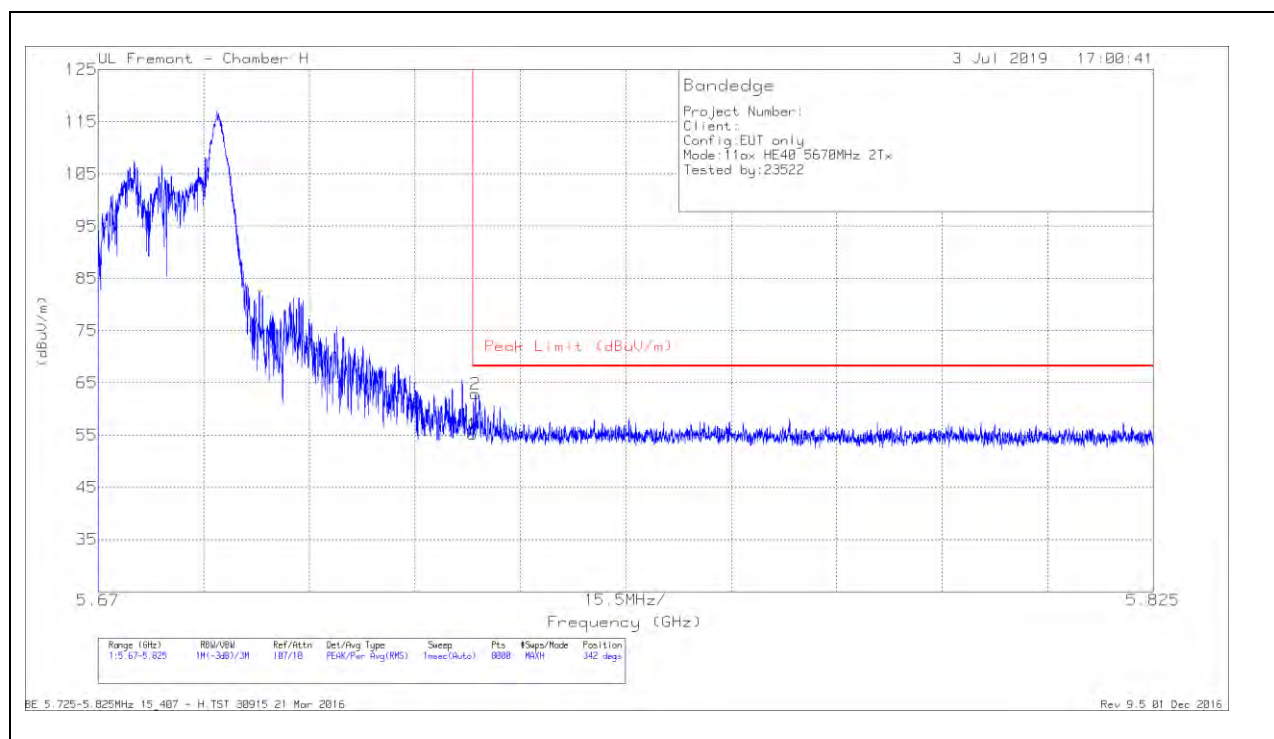
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



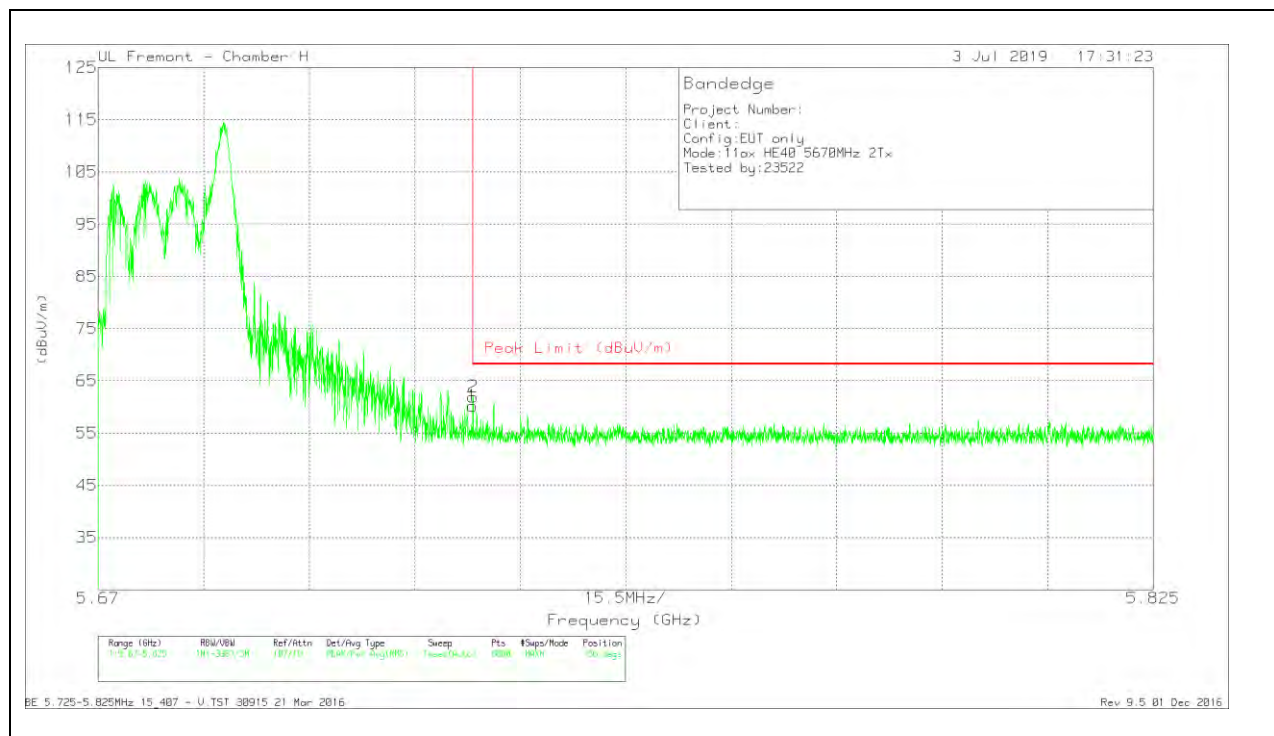
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.87	PK	35	-20.7	0	55.17	68.2	-13.03	342	198	H
2	5.725	48.65	PK	34.9	-20.7	0	62.85	68.2	-5.35	342	198	H

Pk - Peak detector

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

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	45.89	PK	35	-20.7	0	60.19	68.2	-8.01	356	168	V
2	5.725	47.63	PK	35	-20.7	0	61.93	68.2	-6.27	356	168	V

Pk - Peak detector

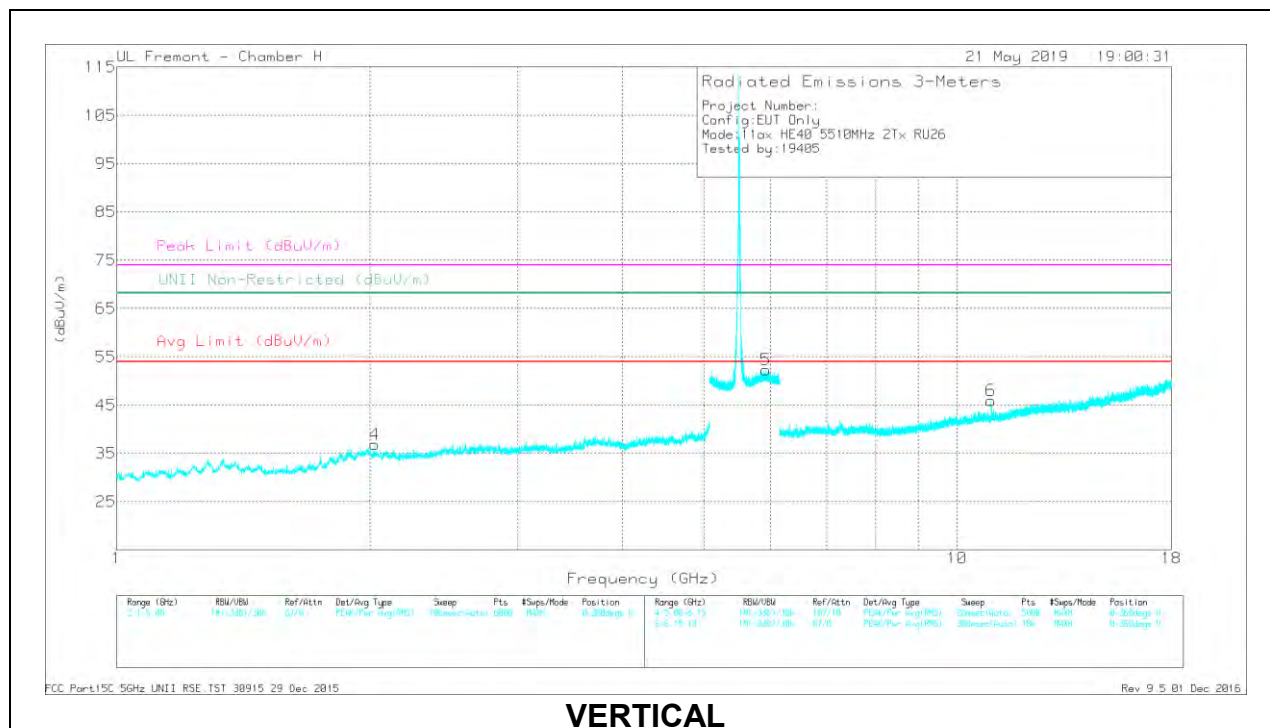
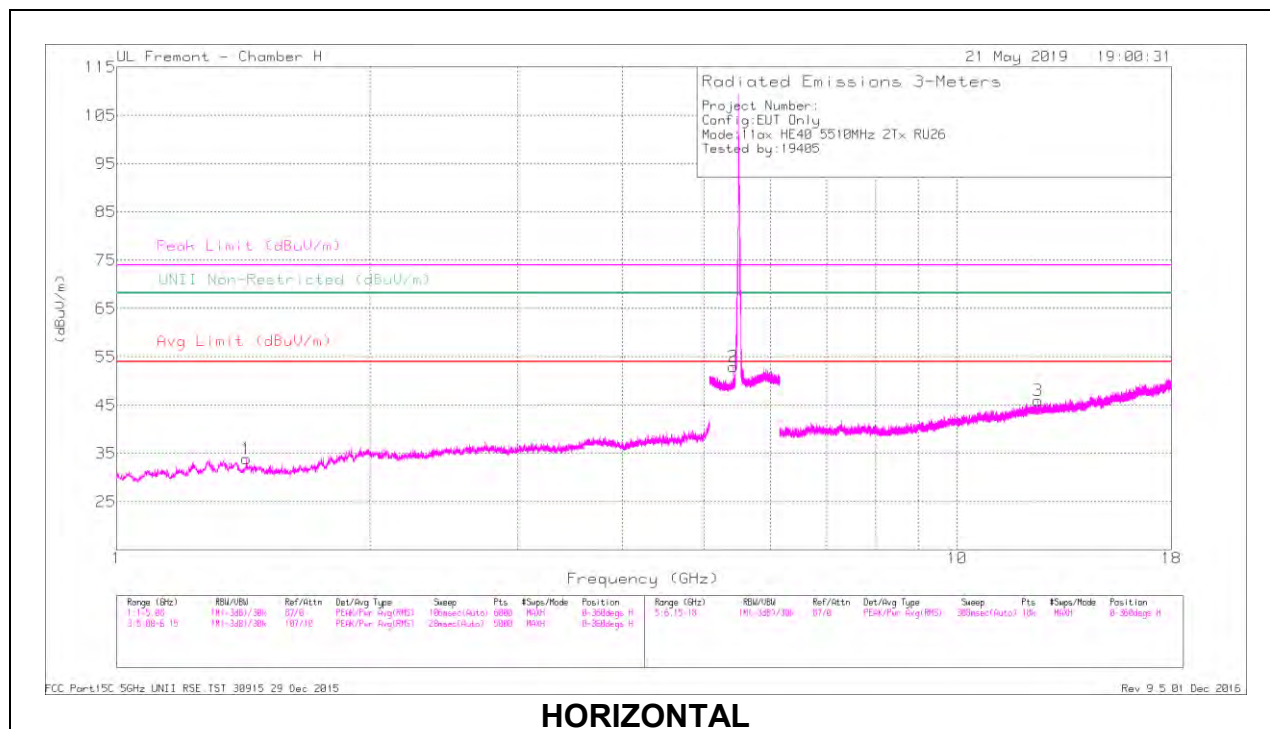
BE 5.725-5.825MHz 15_407 - V.TST 30915 21 Mar 2016

Rev 9.5 01 Dec 2016

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	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
2	* 5.421	48.22	PK-U	34.6	-20.4	0	62.42	-	-	74	-11.58	-	-	131	274	H
	* 5.42	32.9	ADR	34.6	-20.4	0	47.1	54	-6.9	-	-	-	-	131	274	H
3	* 12.486	36.37	PK-U	39.2	-23.6	0	51.97	-	-	74	-22.03	-	-	334	107	H
	* 12.487	25.04	ADR	39.1	-23.6	0	40.54	54	-13.46	-	-	-	-	334	107	H
6	* 10.984	39.11	PK-U	37.8	-23.8	0	53.11	-	-	74	-20.89	-	-	14	118	V
	* 10.984	29.15	ADR	37.8	-23.8	0	43.15	54	-10.85	-	-	-	-	14	118	V
1	2.027	43.98	PK-U	31.7	-32.3	0	43.38	-	-	-	-	68.2	-24.82	193	398	V
	2.03	31.54	ADR	31.6	-32.3	0	30.84	-	-	-	-	-	-	193	398	V
4	3.04	42.17	PK-U	32.6	-31.1	0	43.67	-	-	-	-	68.2	-24.53	116	255	H
	3.04	30.4	ADR	32.6	-31.1	0	31.9	-	-	-	-	-	-	116	255	H
5	5.928	32.08	ADR	35.6	-20.1	0	47.58	-	-	-	-	-	-	257	327	V
	5.929	43.38	PK-U	35.6	-20.2	0	58.78	-	-	-	-	68.2	-9.42	257	327	V

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

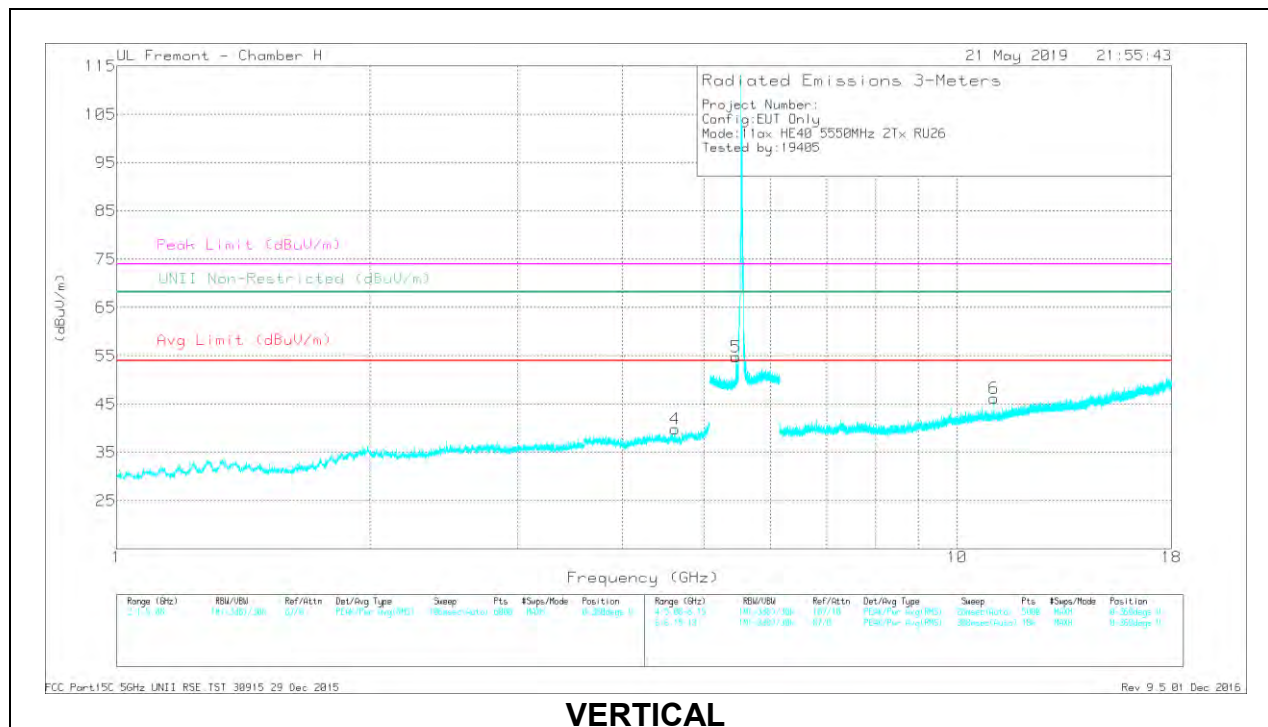
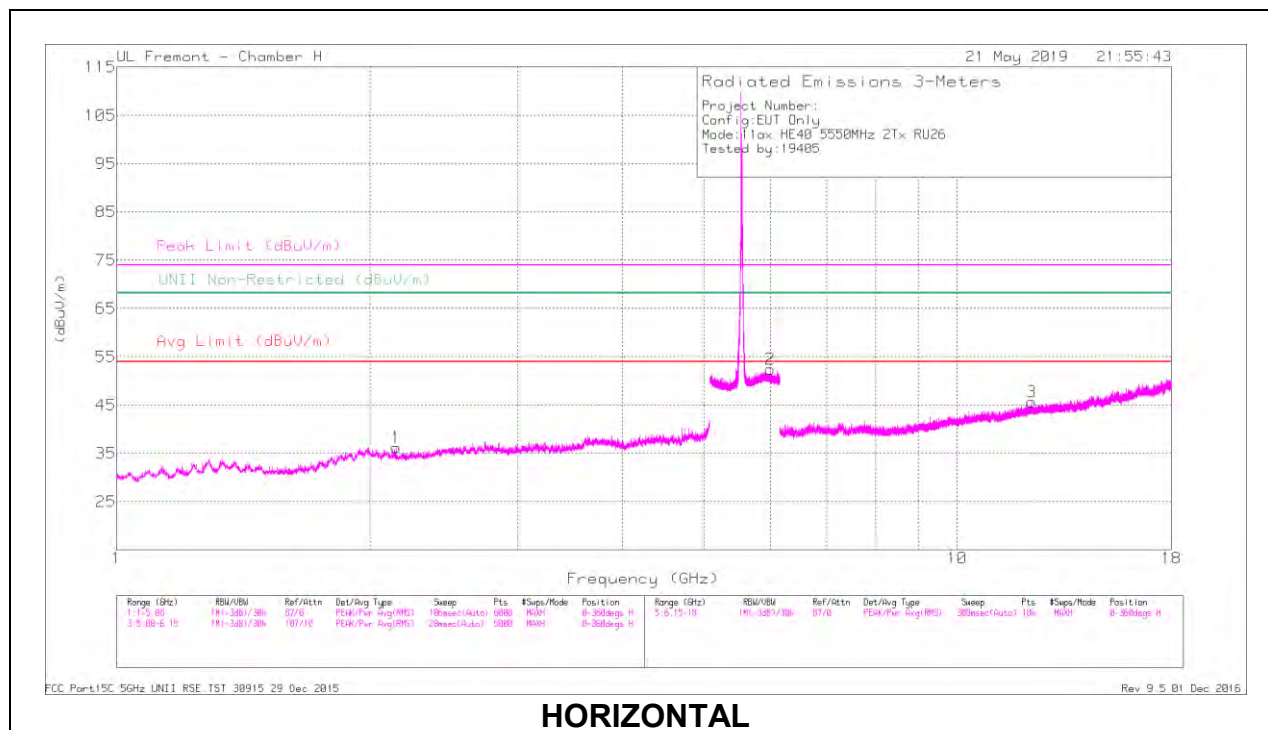
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
4	* 4.617	41.78	PK-U	34.2	-29.9	0	46.08	-	-	74	-27.92	-	-	5	151	V
	* 4.616	29.62	ADR	34.2	-29.9	0	33.92	54	-20.08	-	-	-	-	5	151	V
5	* 5.46	46.34	PK-U	34.6	-20.4	0	60.54	-	-	74	-13.46	-	-	337	110	V
	* 12.274	36.54	PK-U	39	-23.2	0	52.34	-	-	74	-21.66	-	-	233	349	H
3	* 12.276	24.25	ADR	39	-23.2	0	40.05	54	-13.95	-	-	-	-	233	349	H
	* 11.065	39.19	PK-U	37.8	-23.4	0	53.59	-	-	74	-20.41	-	-	184	170	V
6	* 11.064	28.93	ADR	37.8	-23.4	0	43.33	54	-10.67	-	-	-	-	184	170	V
	2.149	43.14	PK-U	31.2	-32.1	0	42.24	-	-	-	-	68.2	-25.96	272	120	H
1	2.149	31.33	ADR	31.2	-32.1	0	30.43	-	-	-	-	-	-	272	120	H
	5.46	33.74	ADR	34.6	-20.4	0	47.94	-	-	-	-	-	-	337	110	V
2	5.992	42.62	PK-U	35.6	-19.9	0	58.32	-	-	-	-	68.2	-9.88	294	228	H
	5.992	31.1	ADR	35.6	-19.9	0	46.8	-	-	-	-	-	-	294	228	H

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

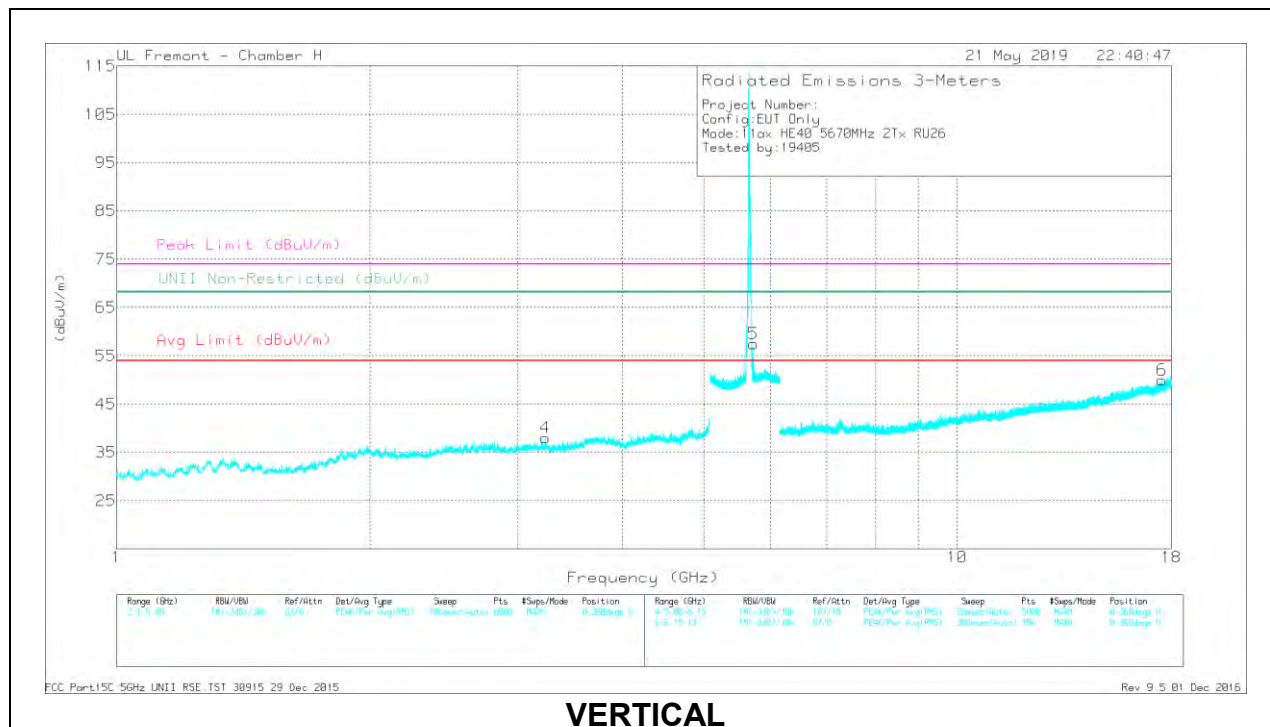
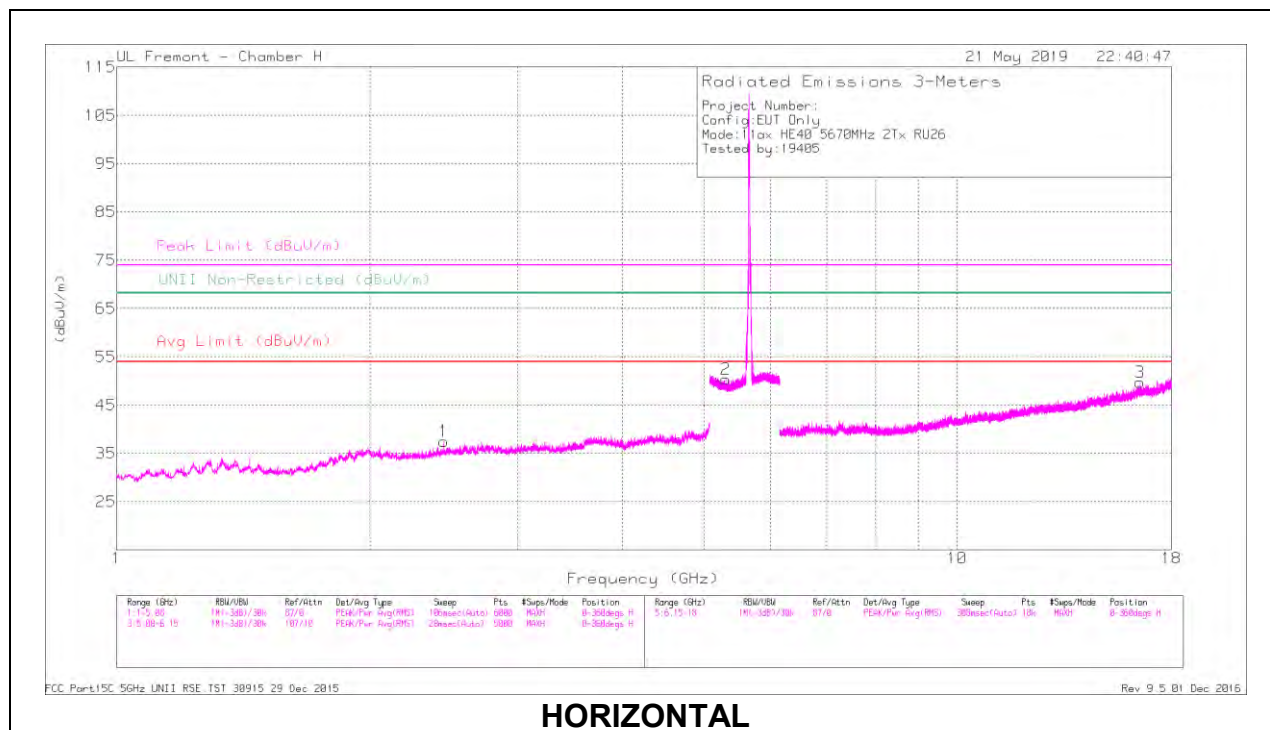
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

Rev 9.5 01 Dec 2016

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.449	31.44	ADR	32.1	-31.9	0	31.64	-	-	-	-	-	-	103	375	H
	2.45	43.83	PK-U	32.1	-31.9	0	44.03	-	-	-	-	68.2	-24.17	103	375	H
4	3.233	43.23	PK-U	32.5	-31.3	0	44.43	-	-	-	-	68.2	-23.77	238	321	V
	3.237	31.03	ADR	32.5	-31.4	0	32.13	-	-	-	-	-	-	238	321	V
2	5.309	30.89	ADR	34.6	-20.4	0	45.09	-	-	-	-	-	-	281	286	H
	5.312	42.42	PK-U	34.5	-20.5	0	56.42	-	-	-	-	68.2	-11.78	281	286	H
5	5.724	51.27	PK-U	35.1	-20.7	0	65.67	-	-	-	-	68.2	-2.53	185	100	V
	5.724	36.69	ADR	35.1	-20.7	0	51.09	-	-	-	-	-	-	185	100	V
3	16.518	35.95	PK-U	41.6	-22	0	55.55	-	-	-	-	68.2	-12.65	215	375	H
	16.52	24.54	ADR	41.6	-22	0	44.14	-	-	-	-	-	-	215	375	H
6	17.541	23.52	ADR	41.3	-19.9	0	44.92	-	-	-	-	-	-	111	342	V
	17.542	35.86	PK-U	41.3	-20	0	57.16	-	-	-	-	68.2	-11.04	111	342	V

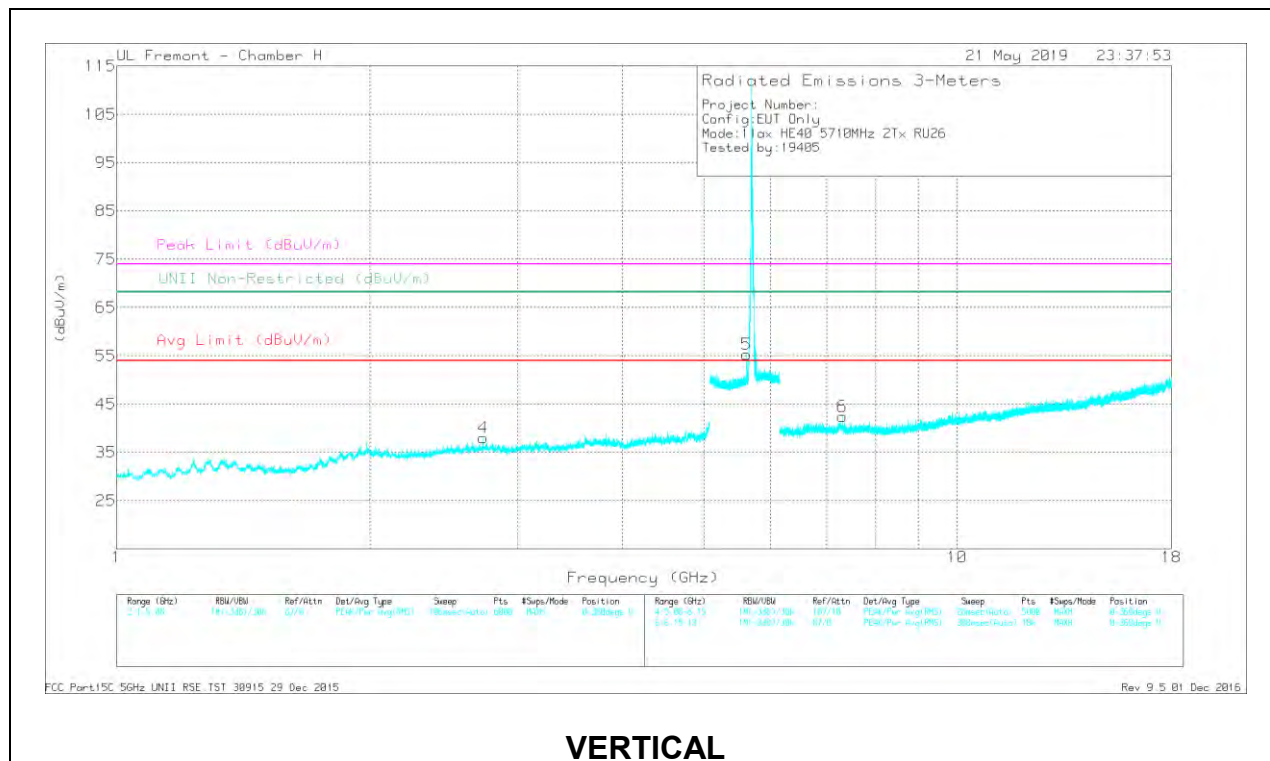
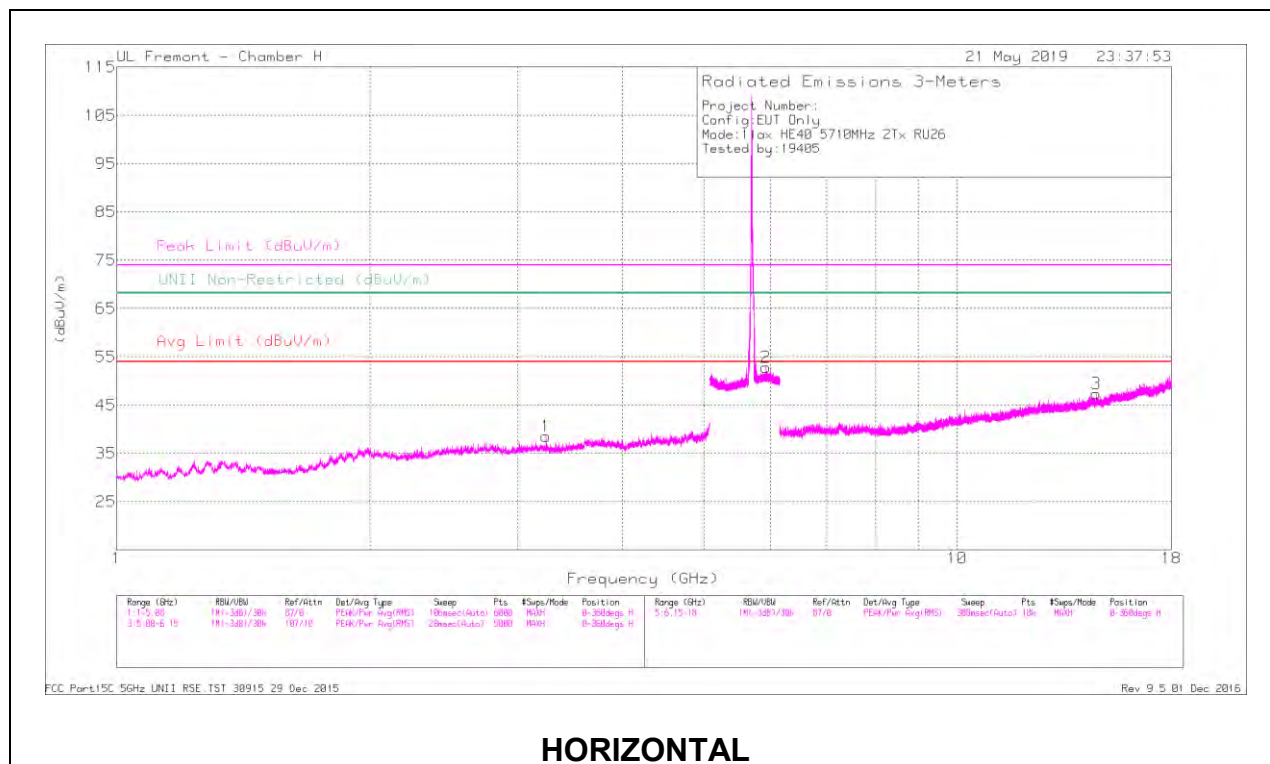
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

Rev 9.5 01 Dec 2016

CHANNEL 142 RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.732	43.55	PK-U	32.5	-31.6	0	44.45	-	-	74	-29.55	-	-	21	219	V
	* 2.732	31.02	ADR	32.5	-31.6	0	31.92	54	-22.08	-	-	-	-	21	219	V
6	* 7.305	38.68	PK-U	36.4	-26.5	0	48.58	-	-	74	-25.42	-	-	37	358	V
	* 7.306	26.64	ADR	36.4	-26.5	0	36.54	54	-17.46	-	-	-	-	37	358	V
1	3.243	43.02	PK-U	32.5	-31.3	0	44.22	-	-	-	-	68.2	-23.98	82	389	H
	3.245	31.11	ADR	32.5	-31.3	0	32.31	-	-	-	-	-	-	82	389	H
5	5.62	35.77	ADR	34.8	-20.6	0	49.97	-	-	-	-	-	-	347	107	V
	5.622	52.69	PK-U	34.8	-20.7	0	66.79	-	-	-	-	68.2	-1.41	347	107	V
2	5.921	43.56	PK-U	35.6	-20.3	0	58.86	-	-	-	-	68.2	-9.34	28	277	H
	5.921	31.66	ADR	35.6	-20.3	0	46.96	-	-	-	-	-	-	28	277	H
3	14.642	24.7	ADR	40	-22.9	0	41.8	-	-	-	-	-	-	246	388	H
	14.643	35.83	PK-U	40	-22.9	0	52.93	-	-	-	-	68.2	-15.27	246	388	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

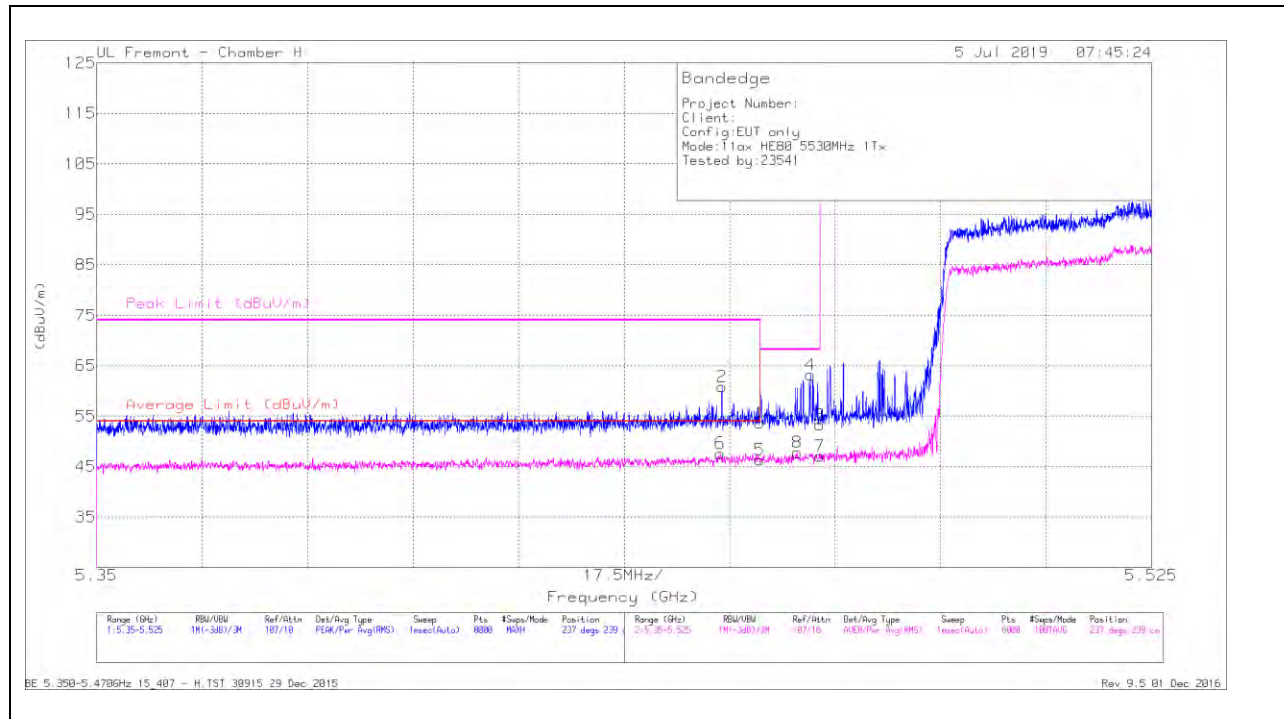
Rev 9.5 01 Dec 2016

1.1.18. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE 5.6 GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.88	Pk	35.2	-20.4	0	53.68	-	-	74	-20.32	237	239	H
2	* 5.454	46.07	Pk	35.2	-20.4	0	60.87	-	-	74	-13.13	237	239	H
5	* 5.46	31.55	RMS	35.2	-20.4	0.12	46.47	54	-7.53	-	-	237	239	H
6	* 5.453	32.82	RMS	35.2	-20.4	0.12	47.74	54	-6.26	-	-	237	239	H
8	5.466	33.05	RMS	35.2	-20.5	0	47.75	-	-	-	-	237	239	H
4	5.468	48.37	Pk	35.3	-20.5	0	63.17	-	-	68.2	-5.03	237	239	H
3	5.47	38.48	Pk	35.3	-20.5	0	53.28	-	-	68.2	-14.92	237	239	H
7	5.47	32.28	RMS	35.3	-20.5	0	47.08	-	-	-	-	237	239	H

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

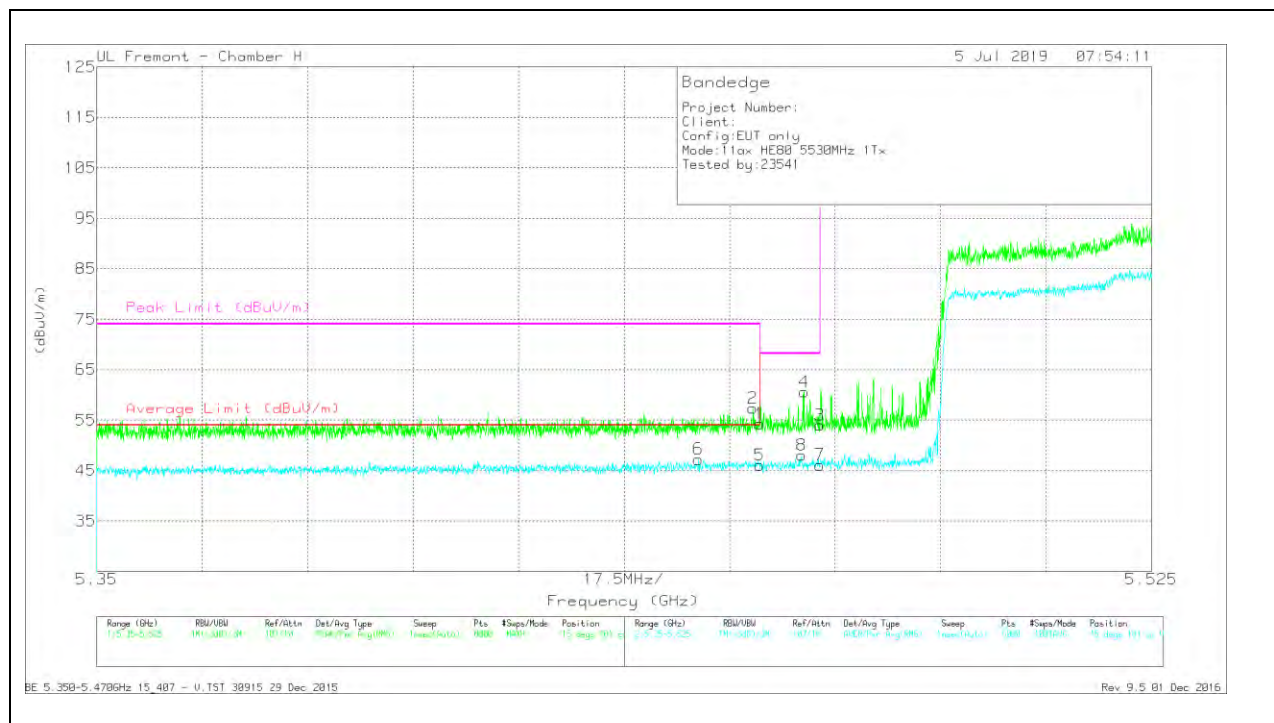
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtri/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
6	* 5.45	32.55	RMS	35.1	-20.4	0.12	47.37	54	-6.63	-	-	15	181	V
2	* 5.459	42.48	Pk	35.3	-20.4	0	57.38	-	-	74	-16.62	15	181	V
1	* 5.46	39.5	Pk	35.2	-20.4	0	54.3	-	-	74	-19.7	15	181	V
5	* 5.46	31.3	RMS	35.2	-20.4	0.12	46.22	54	-7.78	-	-	15	181	V
4	5.467	45.75	Pk	35.3	-20.5	0	60.55	-	-	68.2	-7.65	15	181	V
8	5.467	33.31	RMS	35.3	-20.5	0	48.11	-	-	-	-	15	181	V
3	5.47	39.27	Pk	35.3	-20.5	0	54.07	-	-	68.2	-14.13	15	181	V
7	5.47	31.33	RMS	35.3	-20.5	0	46.13	-	-	-	-	15	181	V

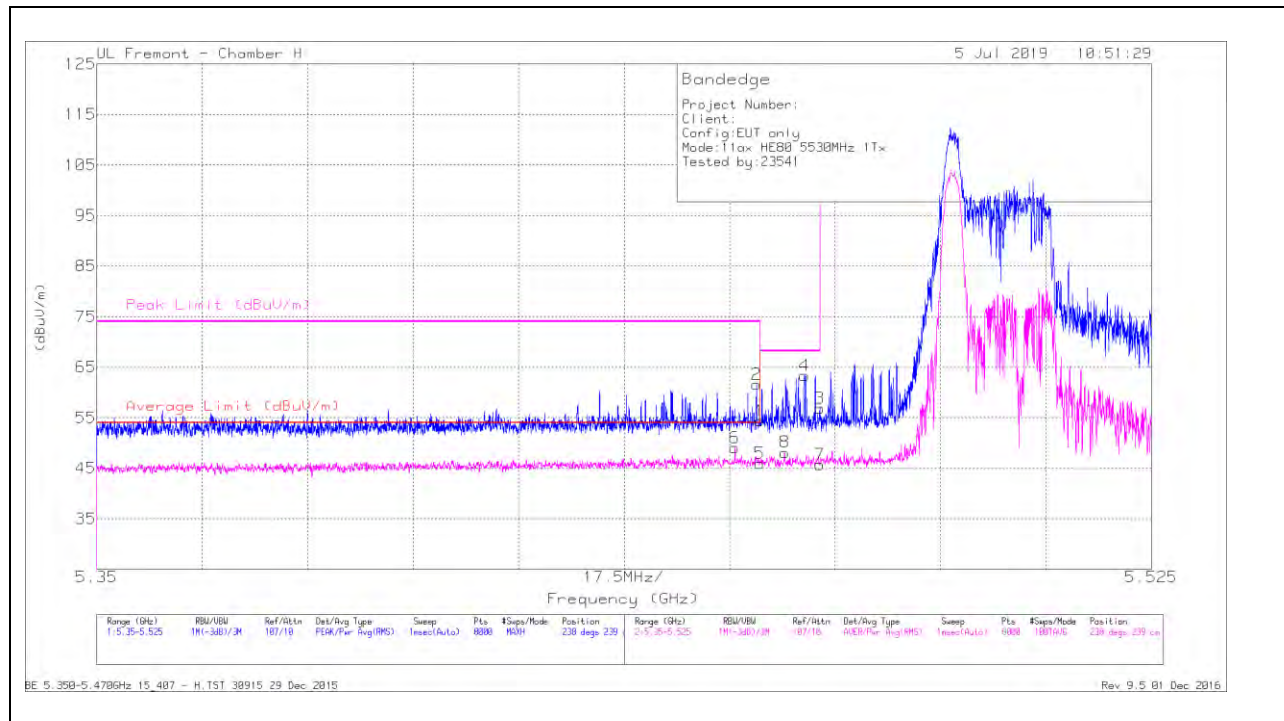
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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 (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 5.456	34.17	RMS	35.3	-20.4	49.07	54	-4.93	-	-	238	239	H
2	* 5.459	46.78	Pk	35.2	-20.4	61.58	-	-	74	-12.42	238	239	H
1	* 5.46	39.62	Pk	35.2	-20.4	54.42	-	-	74	-19.58	238	239	H
5	* 5.46	31.19	RMS	35.2	-20.4	45.99	54	-8.01	-	-	238	239	H
8	5.464	33.42	RMS	35.2	-20.5	48.12	-	-	-	-	238	239	H
4	5.467	48.52	Pk	35.3	-20.5	63.32	-	-	68.2	-4.88	238	239	H
3	5.47	42.09	Pk	35.3	-20.5	56.89	-	-	68.2	-11.31	238	239	H
7	5.47	30.91	RMS	35.3	-20.5	45.71	-	-	-	-	238	239	H

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

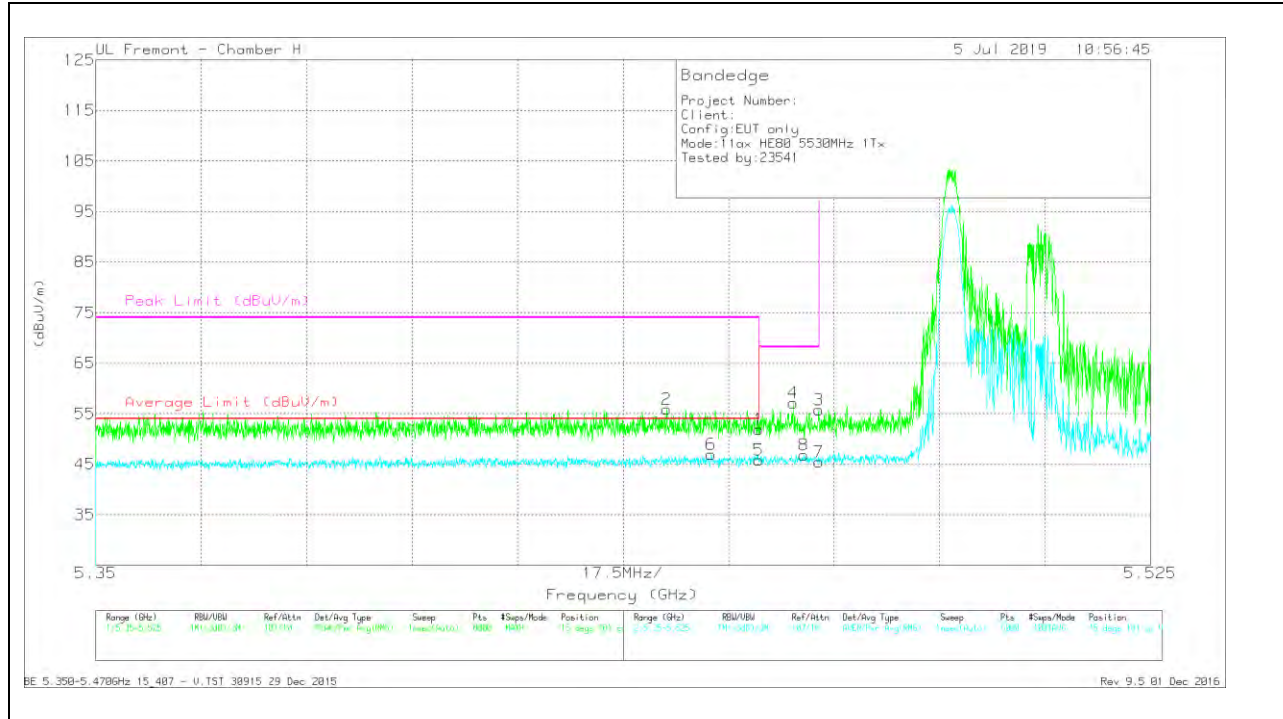
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.445	41.18	PK	35.1	-20.4	55.88	-	-	74	-18.12	15	181	V
6	* 5.452	32.09	RMS	35.2	-20.4	46.89	54	-7.11	-	-	15	181	V
1	* 5.46	37.08	PK	35.2	-20.4	51.88	-	-	74	-22.12	15	181	V
5	* 5.46	31.01	RMS	35.2	-20.4	45.81	54	-8.19	-	-	15	181	V
4	5.466	42.46	PK	35.2	-20.5	57.16	-	-	68.2	-11.04	15	181	V
8	5.468	32.04	RMS	35.3	-20.5	46.84	-	-	-	-	15	181	V
3	5.47	40.94	PK	35.3	-20.5	55.74	-	-	68.2	-12.46	15	181	V
7	5.47	30.69	RMS	35.3	-20.5	45.49	-	-	-	-	15	181	V

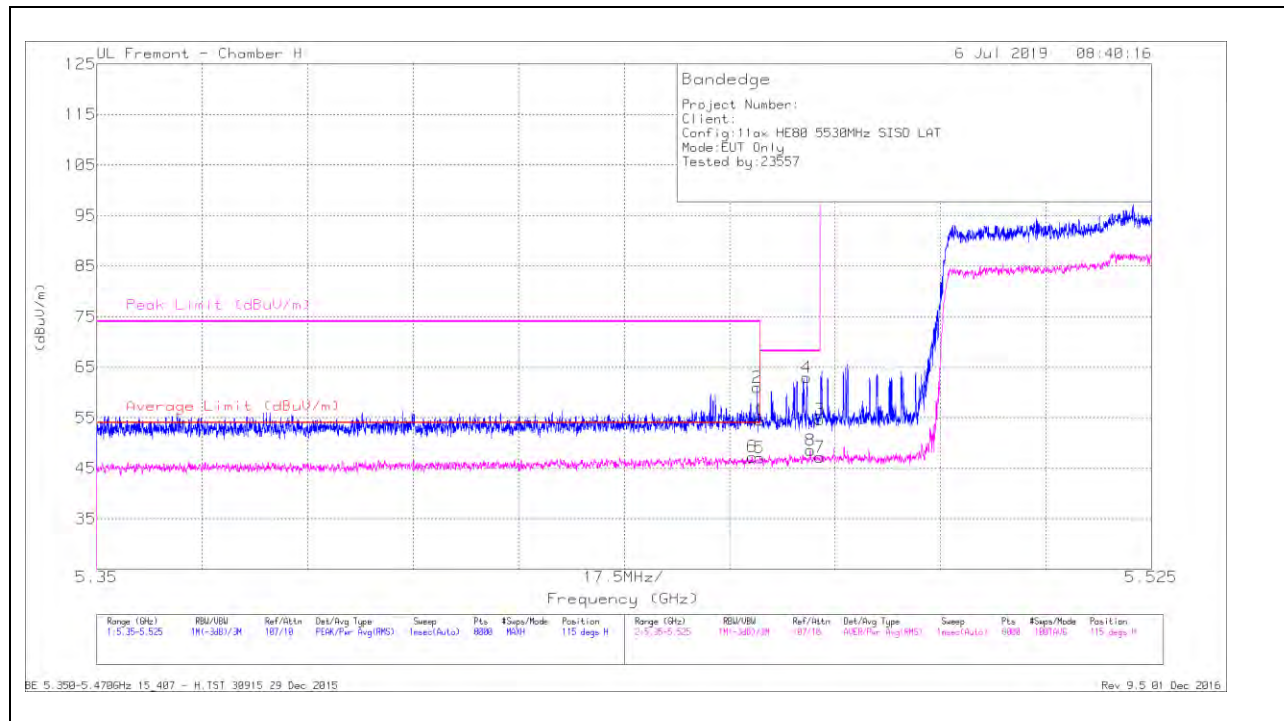
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

1TX Antenna 5 MODE – 996 Tones, RU Index 67**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.76	Pk	35.2	-20.4	0	54.56	-	-	74	-19.44	115	260	H
2	* 5.46	46.16	Pk	35.2	-20.4	0	60.96	-	-	74	-13.04	115	260	H
5	* 5.46	32.25	RMS	35.2	-20.4	0.12	47.17	54	-6.83	-	-	115	260	H
6	* 5.459	32.35	RMS	35.3	-20.4	0.12	47.37	54	-6.63	-	-	115	260	H
4	5.468	48.21	Pk	35.3	-20.5	0	63.01	-	-	68.2	-5.19	115	260	H
8	5.468	33.71	RMS	35.3	-20.5	0	48.51	-	-	-	-	115	260	H
3	5.47	39.8	Pk	35.3	-20.5	0	54.6	-	-	68.2	-13.6	115	260	H
7	5.47	32.4	RMS	35.3	-20.5	0	47.2	-	-	-	-	115	260	H

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

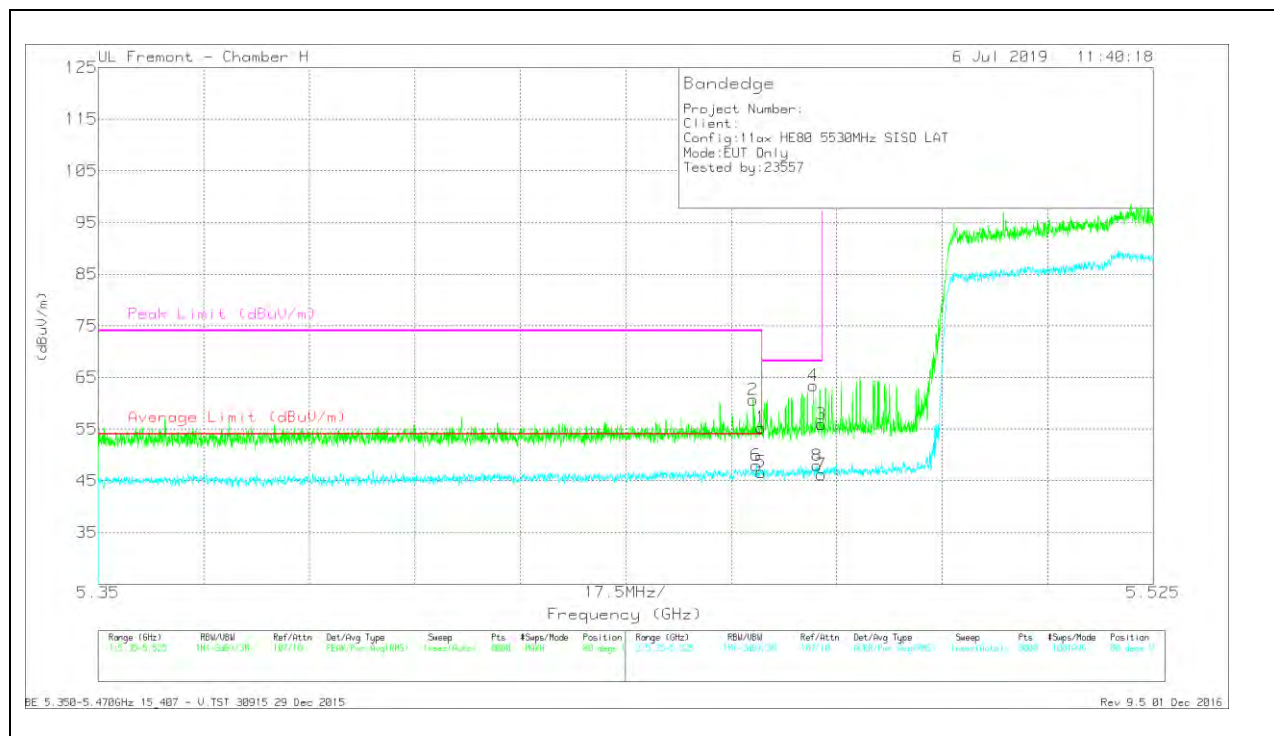
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.51	Pk	35.2	-20.4	0	55.31	-	-	74	-18.69	80	140	V
2	* 5.459	45.79	Pk	35.3	-20.4	0	60.69	-	-	74	-13.31	80	140	V
5	* 5.46	31.89	RMS	35.2	-20.4	0.12	46.81	54	-7.19	-	-	80	140	V
6	* 5.459	33.11	RMS	35.3	-20.4	0.12	48.13	54	-5.87	-	-	80	140	V
4	5.469	48.63	Pk	35.3	-20.5	0	63.43	-	-	68.2	-4.77	80	140	V
8	5.469	33.16	RMS	35.3	-20.5	0	47.96	-	-	-	-	80	140	V
3	5.47	41.16	Pk	35.3	-20.5	0	55.96	-	-	68.2	-12.24	80	140	V
7	5.47	31.41	RMS	35.3	-20.5	0	46.21	-	-	-	-	80	140	V

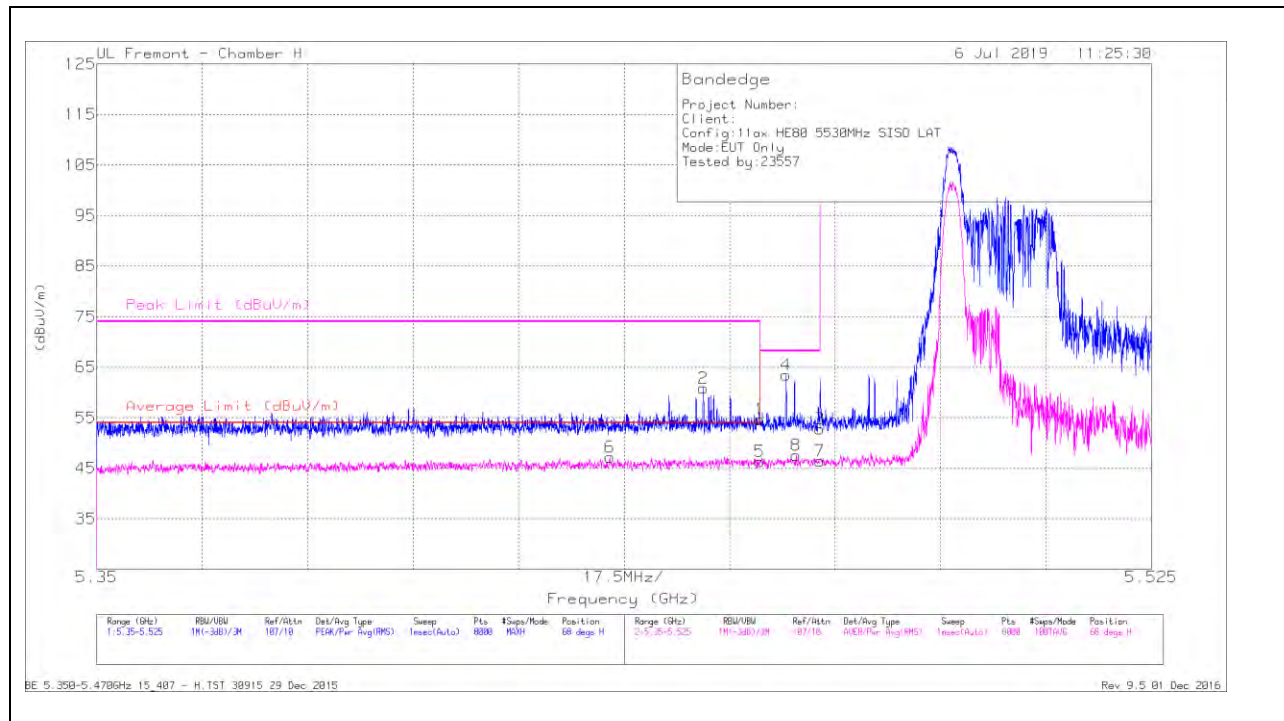
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

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 (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.85	Pk	35.2	-20.4	54.65	-	-	74	-19.35	68	201	H
2	* 5.451	46.18	Pk	35.1	-20.4	60.88	-	-	74	-13.12	68	201	H
5	* 5.46	31.47	RMS	35.2	-20.4	46.27	54	-7.73	-	-	68	201	H
6	* 5.435	32.48	RMS	35.1	-20.4	47.18	54	-6.82	-	-	68	201	H
4	5.464	48.76	Pk	35.2	-20.5	63.46	-	-	68.2	-4.74	68	201	H
8	5.466	32.9	RMS	35.2	-20.5	47.6	-	-	-	-	68	201	H
3	5.47	38.01	Pk	35.3	-20.5	52.81	-	-	68.2	-15.39	68	201	H
7	5.47	31.6	RMS	35.3	-20.5	46.4	-	-	-	-	68	201	H

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

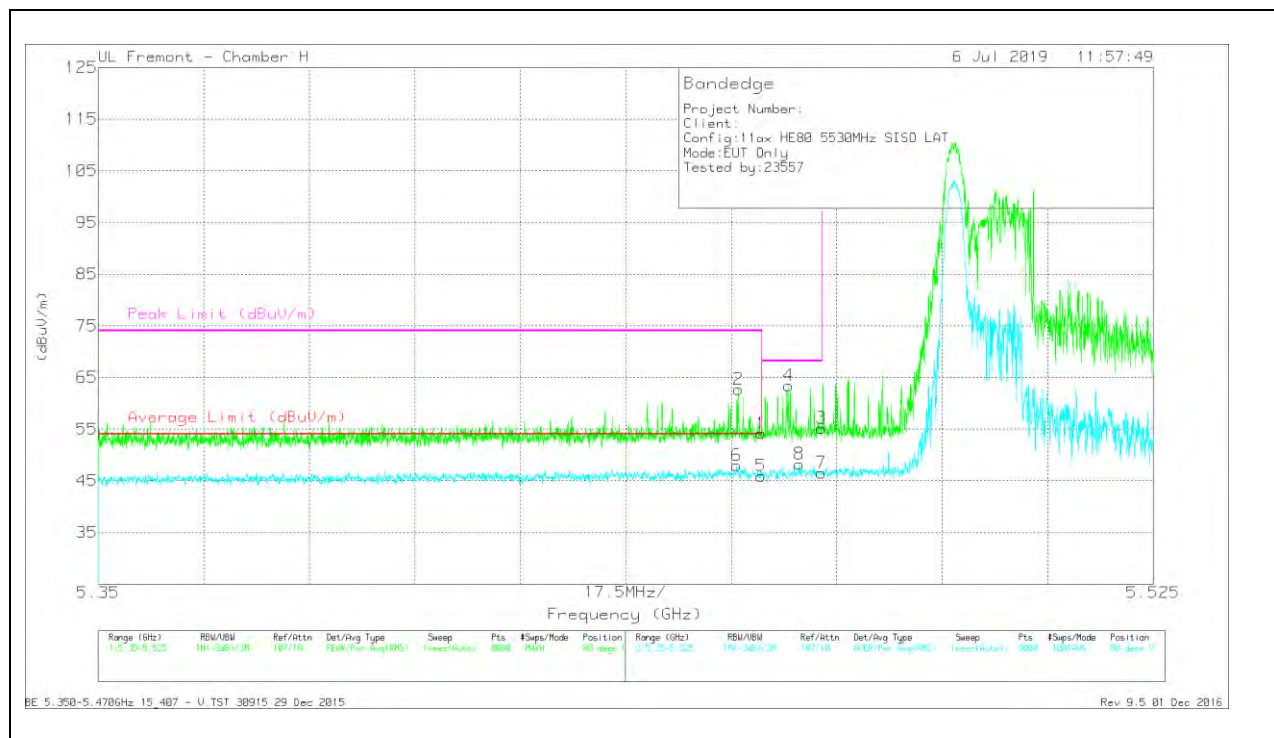
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.34	Pk	35.2	-20.4	54.14	-	-	74	-19.86	80	140	V
2	* 5.456	47.81	Pk	35.3	-20.4	62.71	-	-	74	-11.29	80	140	V
5	* 5.46	31.15	RMS	35.2	-20.4	45.95	54	-8.05	-	-	80	140	V
6	* 5.456	33.07	RMS	35.3	-20.4	47.97	54	-6.03	-	-	80	140	V
4	5.465	48.72	Pk	35.2	-20.5	63.42	-	-	68.2	-4.78	80	140	V
8	5.466	33.53	RMS	35.2	-20.5	48.23	-	-	-	-	80	140	V
3	5.47	40.39	Pk	35.3	-20.5	55.19	-	-	68.2	-13.01	80	140	V
7	5.47	31.73	RMS	35.3	-20.5	46.53	-	-	-	-	80	140	V

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

Pk - Peak detector

RMS - RMS detection

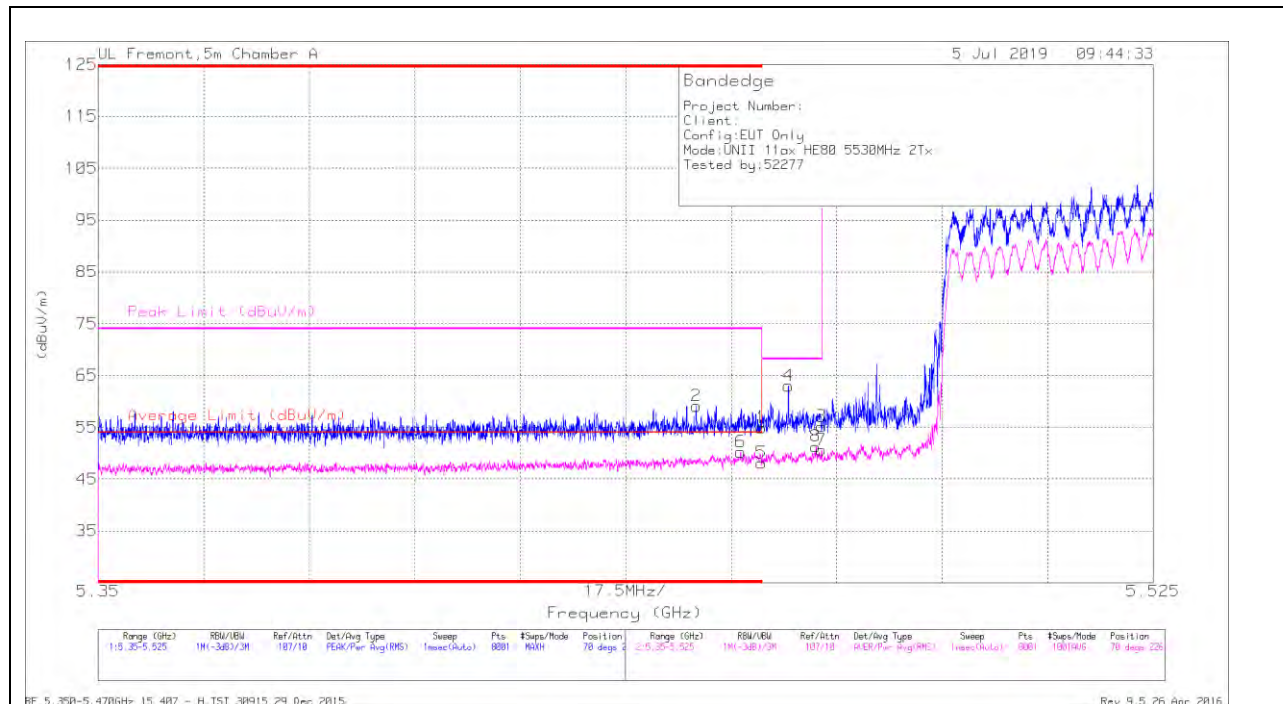
BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

2TX Antenna 6 + Antenna 5 OFDMA MODE – 966 Tones, RU Index 67

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Ctrl/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
2	* 5.449	41.72	Pk	34.9	-17.5	0	59.12	-	-	74	-14.88	70	226	H
6	* 5.457	32.73	RMS	35	-17.5	0.1	50.33	54	-3.67	-	-	70	226	H
1	* 5.46	37.53	Pk	34.9	-17.5	0	54.93	-	-	74	-19.07	70	226	H
5	* 5.46	30.73	RMS	34.9	-17.5	0.1	48.23	54	-5.77	-	-	70	226	H
4	5.464	45.7	Pk	34.8	-17.5	0	63	-	-	68.2	-5.2	70	226	H
8	5.469	33.91	RMS	34.9	-17.5	0	51.31	-	-	-	-	70	226	H
3	5.47	37.79	Pk	34.9	-17.5	0	55.19	-	-	68.2	-13.01	70	226	H
7	5.47	33.23	RMS	34.9	-17.5	0	50.63	-	-	-	-	70	226	H

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

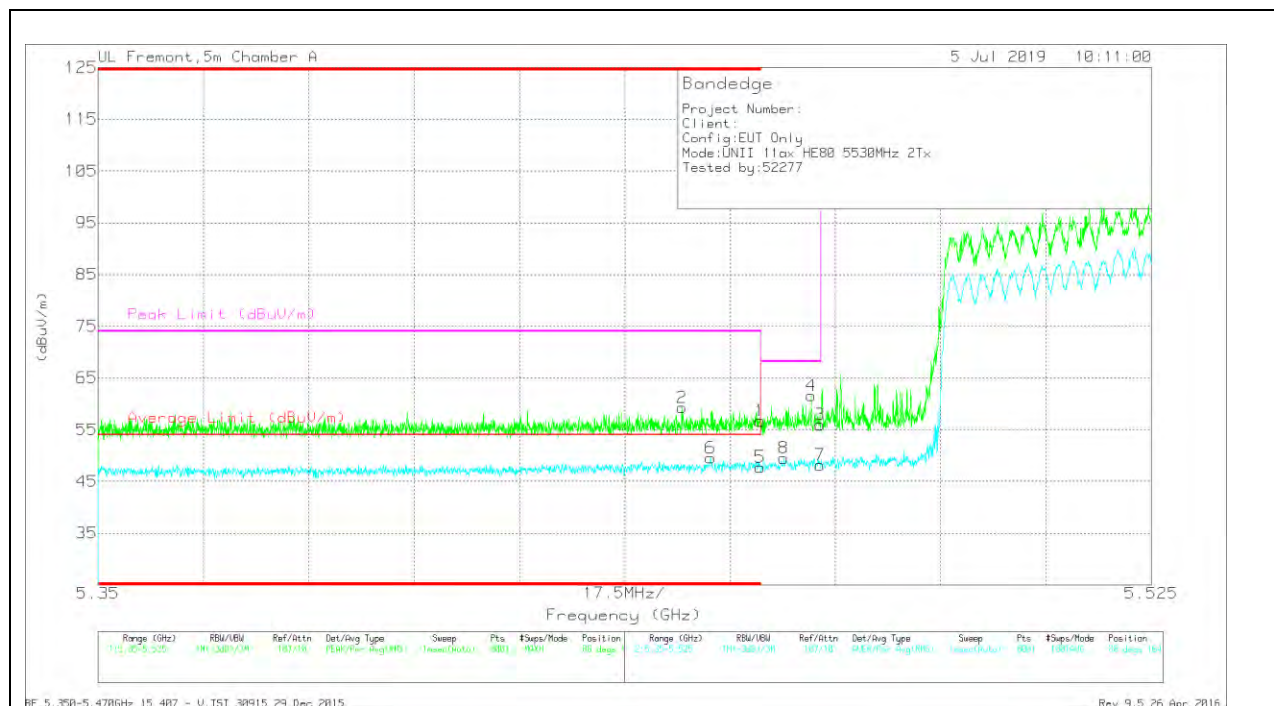
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.28	Pk	34.9	-17.5	0	56.68	-	-	74	-17.32	88	164	V
2	* 5.447	41.85	Pk	34.9	-17.5	0	59.25	-	-	74	-14.75	88	164	V
5	* 5.46	30.33	RMS	34.9	-17.5	0.1	47.83	54	-6.17	-	-	88	164	V
6	* 5.452	32.12	RMS	34.9	-17.5	0.1	49.62	54	-4.38	-	-	88	164	V
8	5.464	32.21	RMS	34.8	-17.5	0	49.51	-	-	-	-	88	164	V
4	5.468	44.18	Pk	34.9	-17.5	0	61.58	-	-	68.2	-6.62	88	164	V
3	5.47	38.55	Pk	34.9	-17.5	0	55.95	-	-	68.2	-12.25	88	164	V
7	5.47	30.75	RMS	34.9	-17.5	0	48.15	-	-	-	-	88	164	V

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

Pk - Peak detector

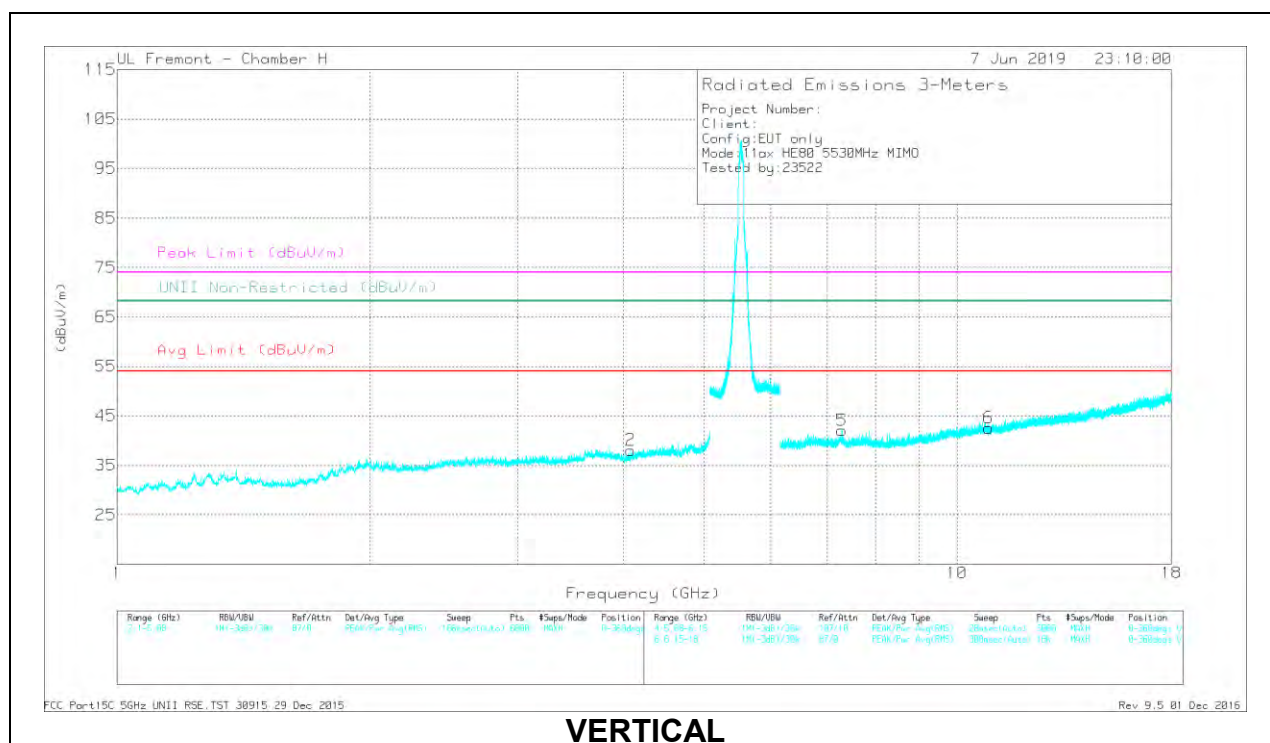
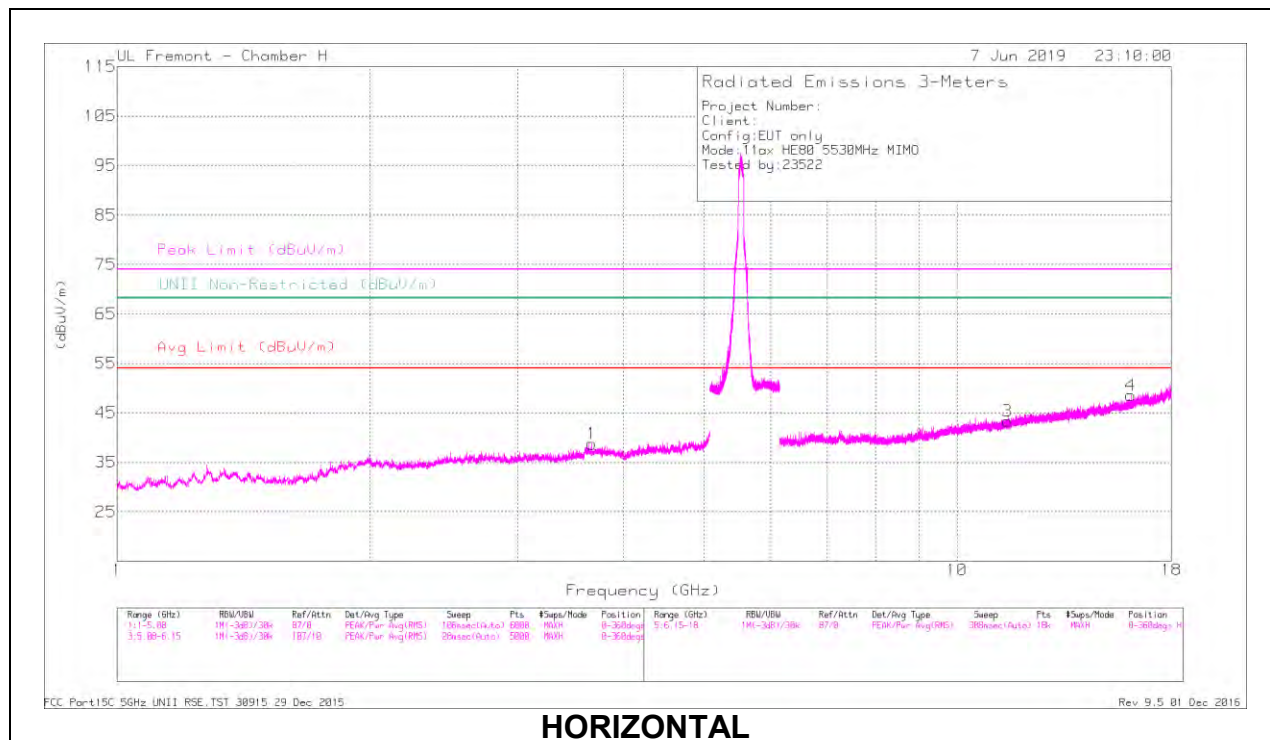
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	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	* 3.676	41.86	PK-U	33.1	-30.8	0	44.16	-	-	74	-29.84	-	-	8	118	H
	* 3.674	30.06	ADR	33.1	-30.8	0.1	32.46	54	-21.54	-	-	-	-	8	118	H
2	* 4.086	41.53	PK-U	33.3	-30.8	0	44.03	-	-	74	-29.97	-	-	73	150	V
	* 4.088	30.39	ADR	33.3	-30.8	0.1	32.99	54	-21.01	-	-	-	-	73	150	V
3	* 11.481	36.41	PK-U	38.2	-23.8	0	50.81	-	-	74	-23.19	-	-	152	217	H
	* 11.481	24.71	ADR	38.2	-23.8	0.1	39.21	54	-14.79	-	-	-	-	152	217	H
4	* 16.106	35.45	PK-U	41.2	-22	0	54.65	-	-	74	-19.35	-	-	204	255	H
	* 16.108	24.47	ADR	41.2	-22.1	0.1	43.57	54	-10.43	-	-	-	-	204	255	H
5	* 7.296	38.5	PK-U	36.3	-26.4	0	48.4	-	-	74	-25.6	-	-	267	322	V
	* 7.297	27.02	ADR	36.3	-26.4	0.1	37.02	54	-16.98	-	-	-	-	267	322	V
6	* 10.897	35.63	PK-U	37.8	-23.8	0	49.63	-	-	74	-24.37	-	-	248	375	V
	* 10.899	24.8	ADR	37.8	-23.9	0.1	38.8	54	-15.2	-	-	-	-	248	375	V

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

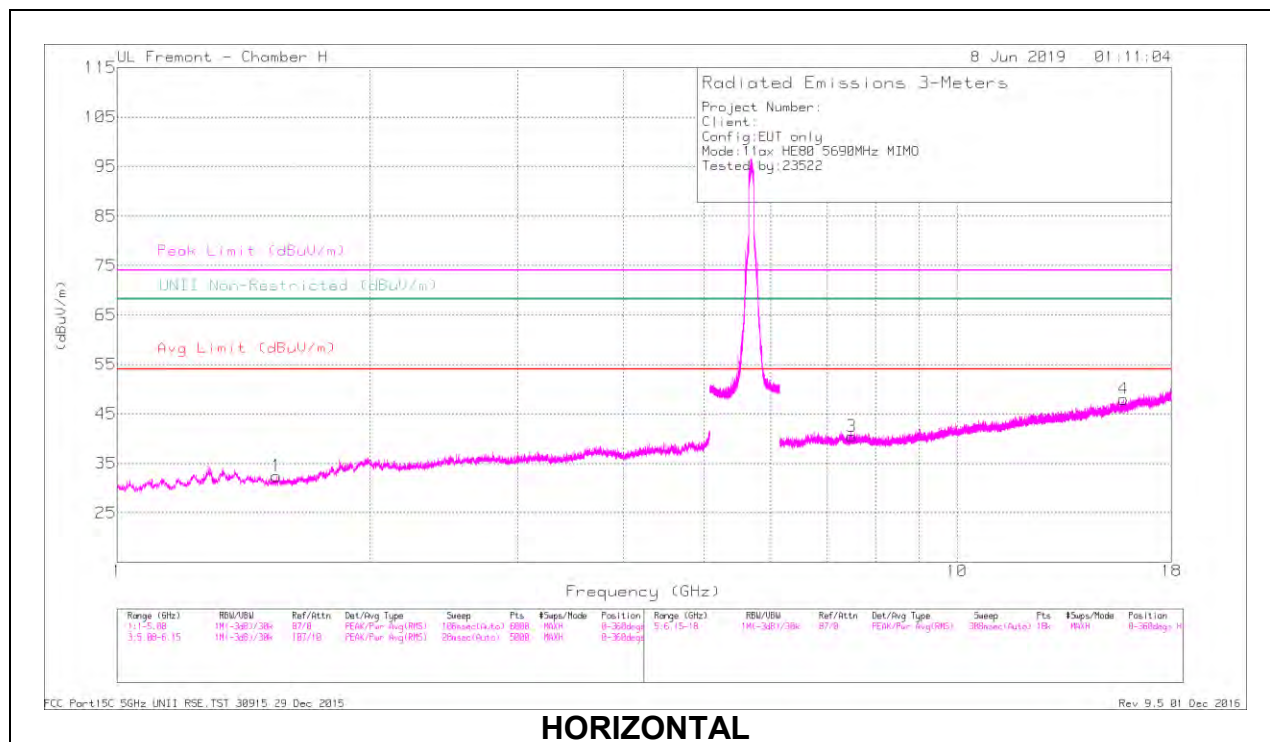
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

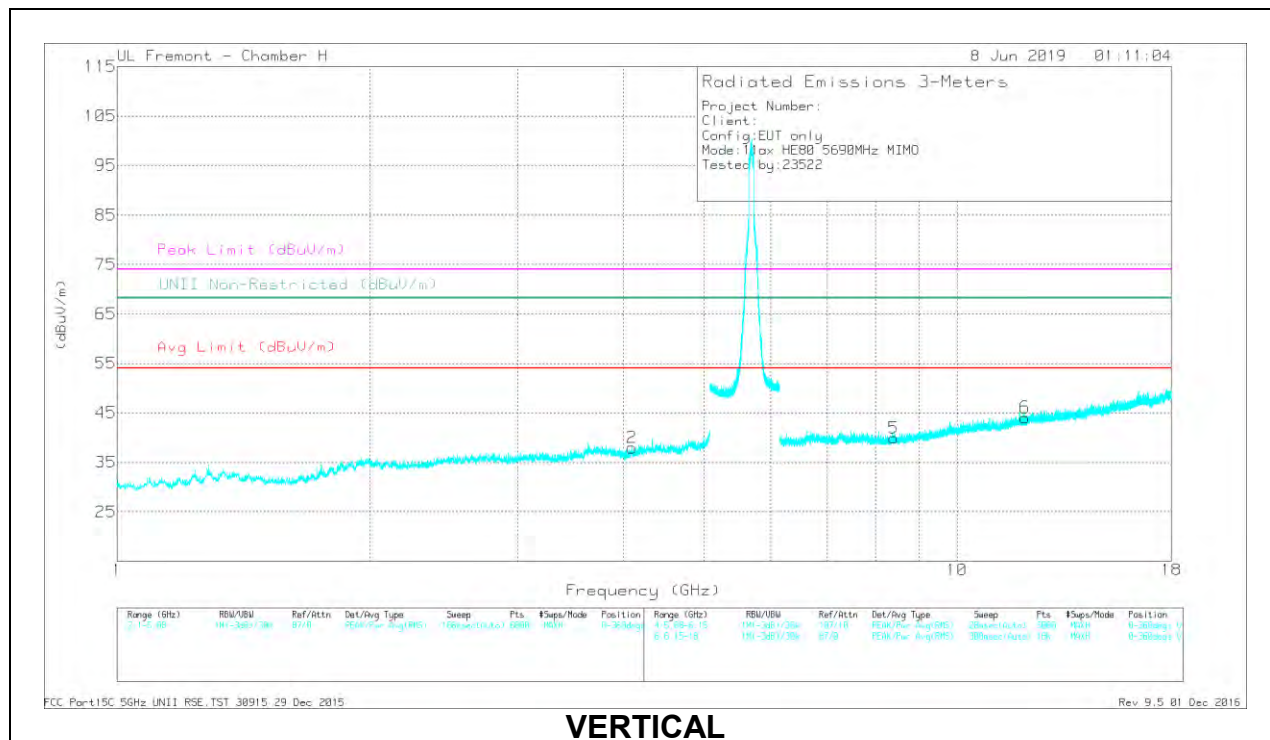
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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	* 1.548	43.9	PK-U	28.1	-32.6	0	39.4	-	-	74	-34.6	-	-	105	128	H
	* 1.545	32.14	ADR	28.1	-32.6	0.1	27.74	54	-26.26	-	-	-	-	105	128	H
2	* 4.102	42.04	PK-U	33.3	-30.8	0	44.54	-	-	74	-29.46	-	-	223	188	V
	* 4.1	30.46	ADR	33.3	-30.8	0.1	33.066	54	-20.94	-	-	-	-	223	188	V
3	* 7.491	38.03	PK-U	36.5	-27.3	0	47.23	-	-	74	-26.77	-	-	48	231	H
	* 7.491	27.22	ADR	36.5	-27.3	0.1	36.52	54	-17.48	-	-	-	-	48	231	H
4	* 15.8	35.18	PK-U	40.7	-22	0	53.88	-	-	74	-20.12	-	-	342	277	H
	* 15.8	24.39	ADR	40.7	-22	0.1	43.19	54	-10.81	-	-	-	-	342	277	H
5	* 8.406	37.51	PK-U	35.9	-26.1	0	47.31	-	-	74	-26.69	-	-	170	343	V
	* 8.407	26.49	ADR	35.9	-26.1	0.1	36.39	54	-17.61	-	-	-	-	170	343	V
6	* 12.045	35.8	PK-U	38.9	-23.2	0	51.5	-	-	74	-22.5	-	-	267	356	V
	* 12.045	24.39	ADR	38.9	-23.2	0.1	40.19	54	-13.81	-	-	-	-	267	356	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

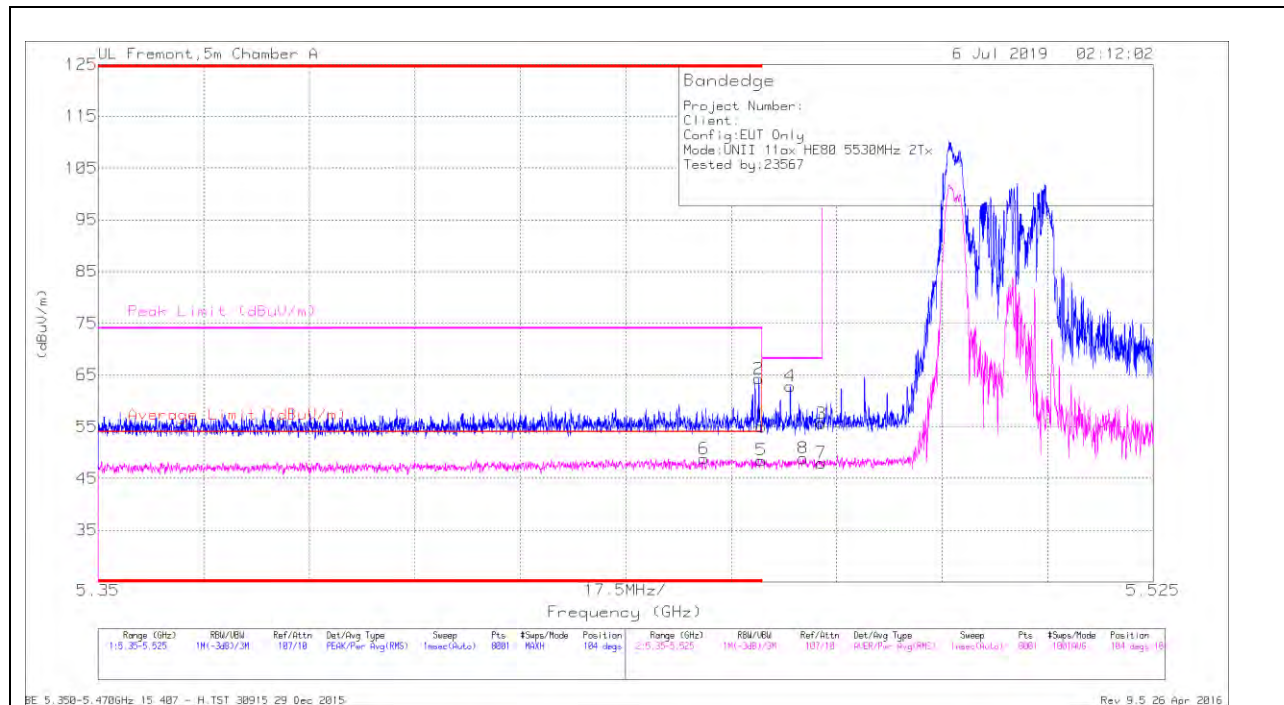
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.67	Pk	34.9	-17.5	55.07	-	-	74	-18.93	104	103	H
2	* 5.46	46.84	Pk	34.9	-17.5	64.24	-	-	74	-9.76	104	103	H
5	* 5.46	31.1	RMS	34.9	-17.5	48.5	54	-5.5	-	-	104	103	H
6	* 5.45	31.39	RMS	34.9	-17.5	48.79	54	-5.21	-	-	104	103	H
4	5.465	45.54	Pk	34.8	-17.5	62.84	-	-	68.2	-5.36	104	103	H
8	5.467	31.58	RMS	34.8	-17.5	48.88	-	-	-	-	104	103	H
3	5.47	38.23	Pk	34.9	-17.5	55.63	-	-	68.2	-12.57	104	103	H
7	5.47	30.6	RMS	34.9	-17.5	48	-	-	-	-	104	103	H

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

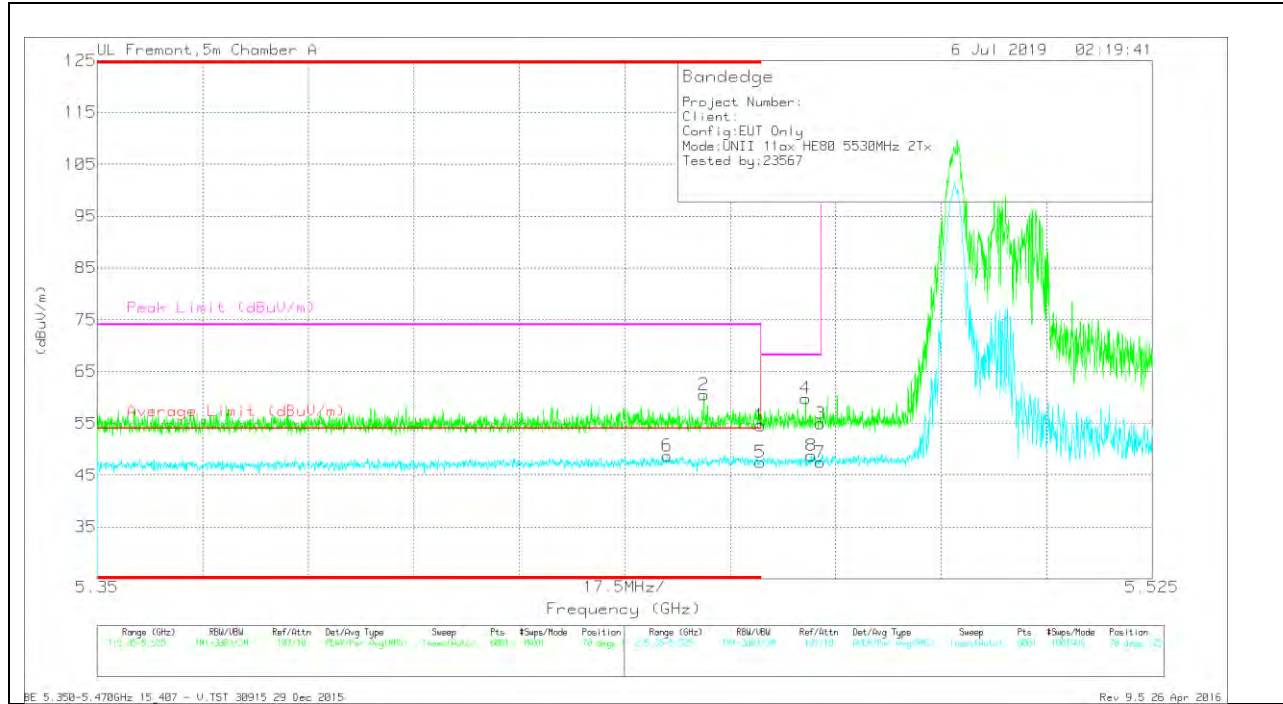
Pk - Peak detector

RMS - RMS detection

BE 5.350-5.470GHz 15_407 - H.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.22	Pk	34.9	-17.5	54.62	-	-	74	-19.38	70	125	V
2	* 5.451	43.1	Pk	34.9	-17.5	60.5	-	-	74	-13.5	70	125	V
5	* 5.46	30.09	RMS	34.9	-17.5	47.49	54	-6.51	-	-	70	125	V
6	* 5.445	31.34	RMS	34.9	-17.5	48.74	54	-5.26	-	-	70	125	V
4	5.467	42.41	Pk	34.9	-17.5	59.81	-	-	68.2	-8.39	70	125	V
8	5.468	31.37	RMS	34.9	-17.5	48.77	-	-	-	-	70	125	V
3	5.47	37.57	Pk	34.9	-17.5	54.97	-	-	68.2	-13.23	70	125	V
7	5.47	30.06	RMS	34.9	-17.5	47.46	-	-	-	-	70	125	V

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

Pk - Peak detector

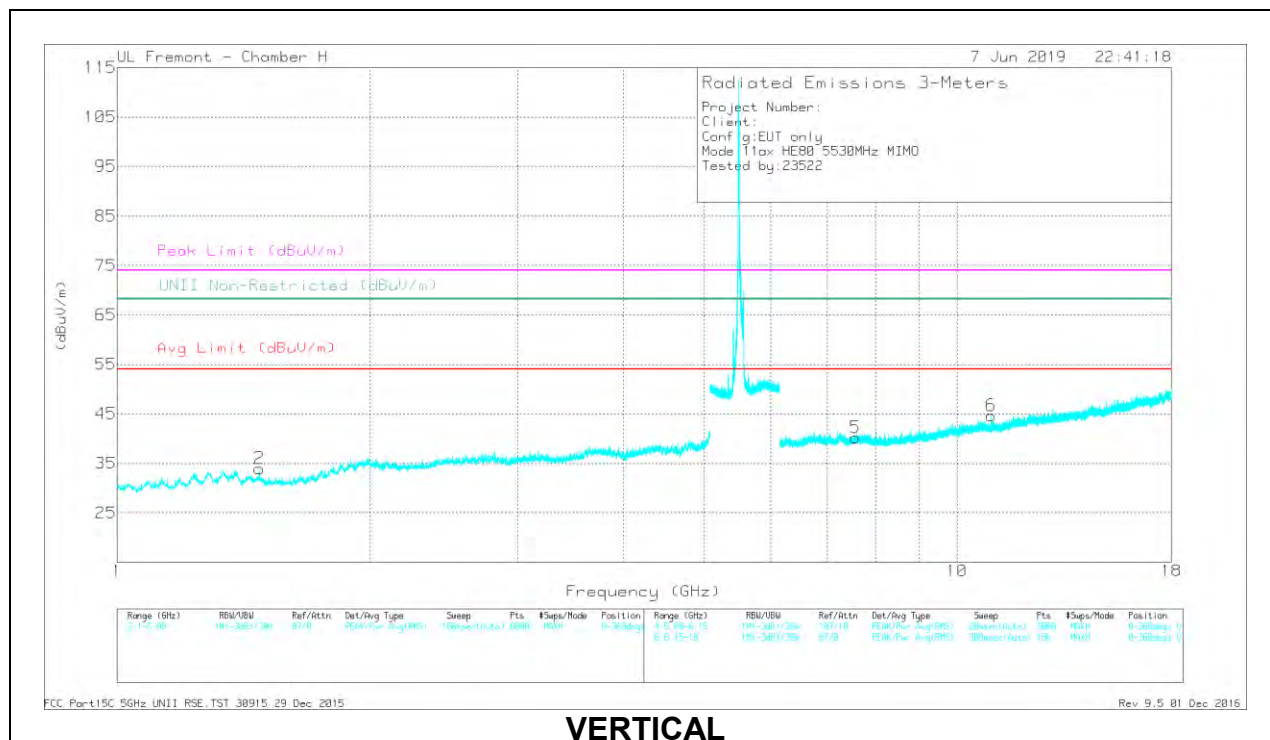
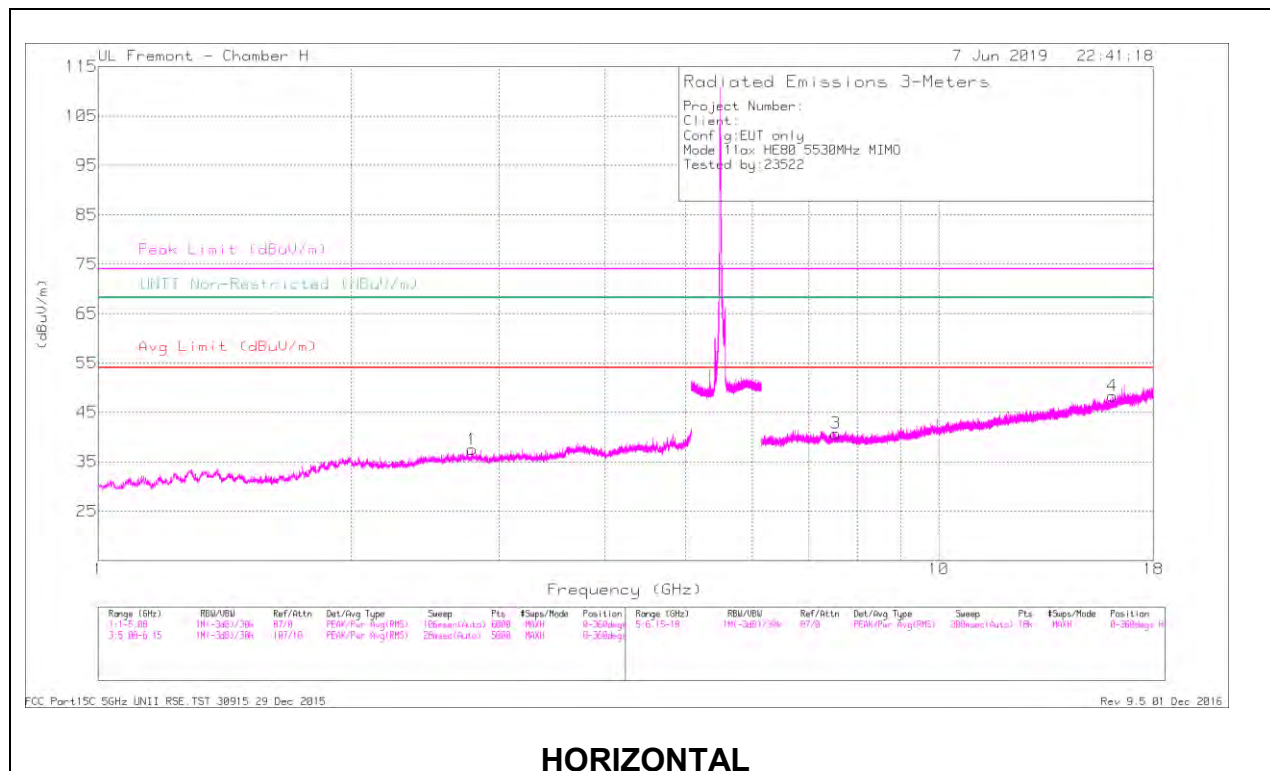
RMS - RMS detection

BE 5.350-5.470GHz 15_407 - V.TST 30915 29 Dec 2015

Rev 9.5 26 Apr 2016

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.785	43.35	PK-U	32.5	-31.7	44.15	-	-	74	-29.85	-	-	14	127	H
	* 2.786	31.67	ADR	32.5	-31.7	32.47	54	-21.53	-	-	-	-	14	127	H
2	* 1.477	44.39	PK-U	28.4	-32.9	39.89	-	-	74	-34.11	-	-	138	195	V
	* 1.477	33.01	ADR	28.4	-32.9	28.51	54	-25.49	-	-	-	-	138	195	V
3	* 7.547	38.2	PK-U	36.5	-27.3	47.4	-	-	74	-26.6	-	-	230	242	H
	* 7.547	27.1	ADR	36.5	-27.3	36.3	54	-17.7	-	-	-	-	230	242	H
4	* 16.102	35.33	PK-U	41.1	-22	54.43	54	-10.54	74	-19.57	-	-	246	291	H
	* 16.101	24.46	ADR	41.1	-22.1	43.46	-	-	-	-	-	-	246	291	H
5	* 7.576	38.22	PK-U	36.5	-27.5	47.22	-	-	74	-26.78	-	-	307	339	V
	* 7.576	27.13	ADR	36.5	-27.5	36.13	54	-17.87	-	-	-	-	307	339	V
6	* 10.985	36.77	PK-U	37.8	-23.7	50.87	-	-	74	-23.13	-	-	352	387	V
	* 10.984	26.54	ADR	37.8	-23.8	40.54	54	-13.46	-	-	-	-	352	387	V

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

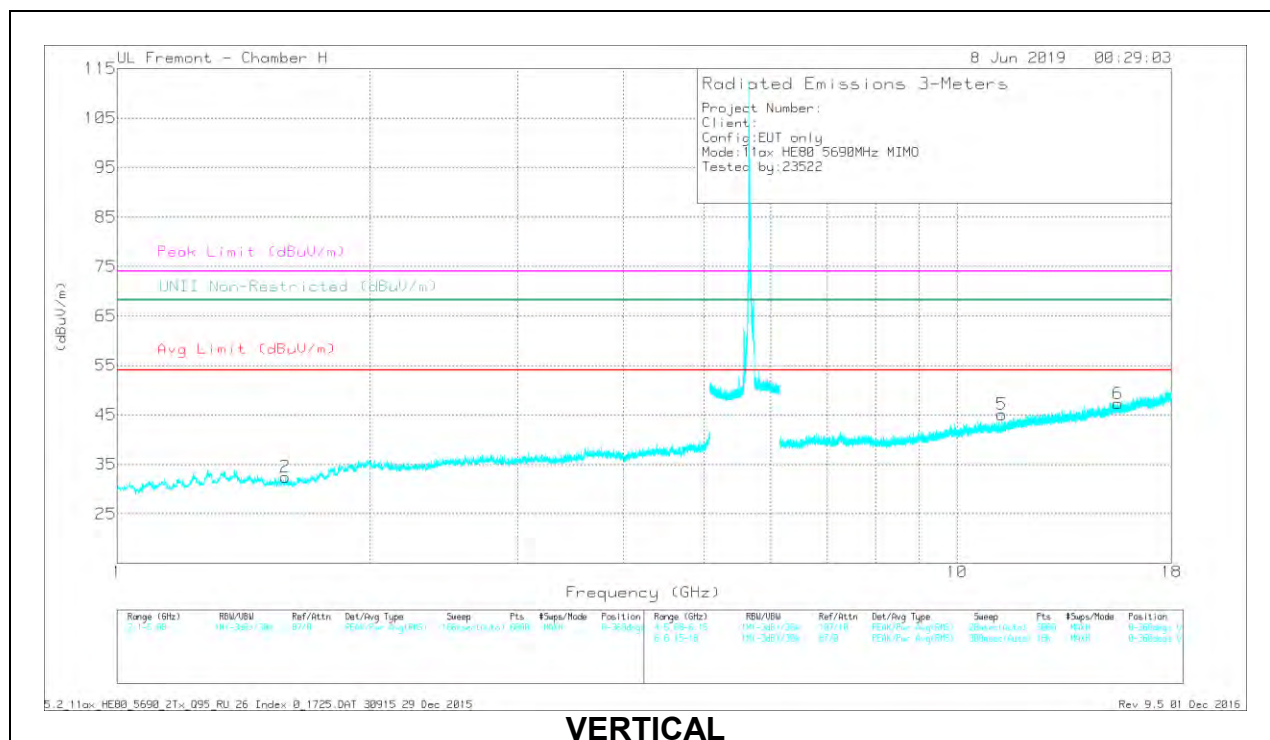
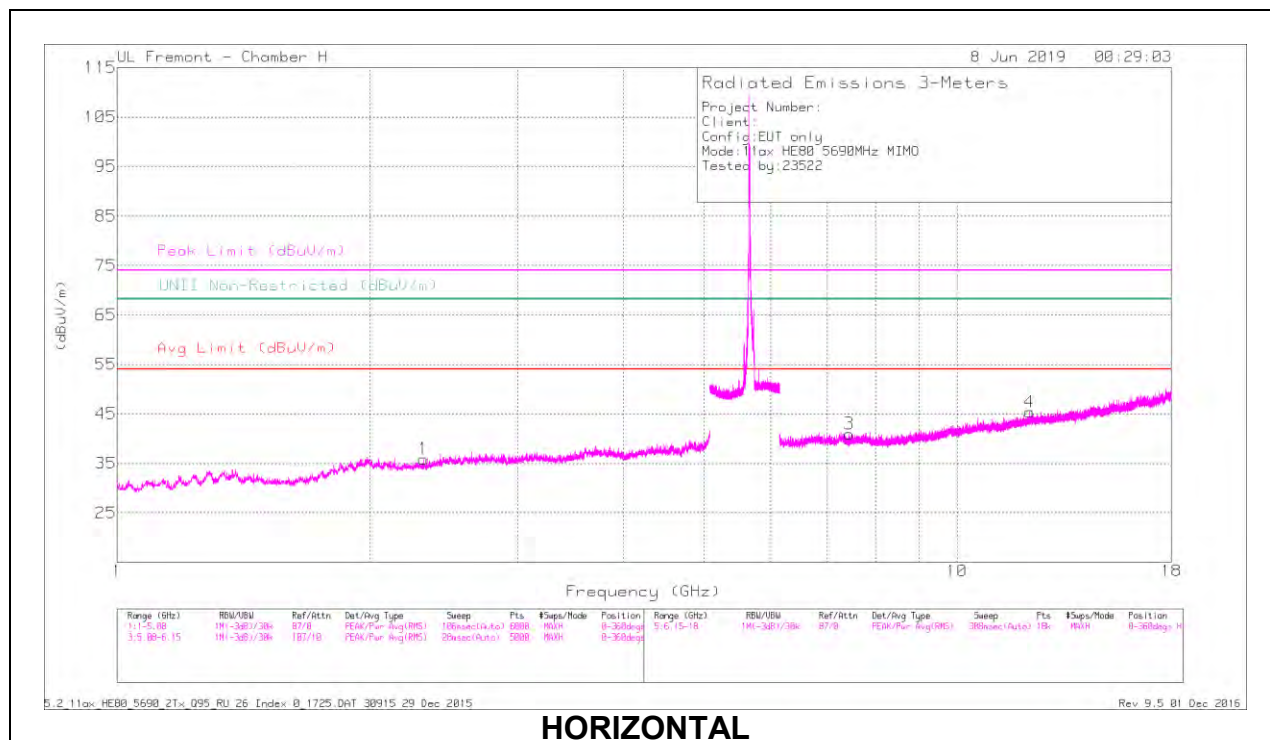
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

Rev 9.5 01 Dec 2016

CHANNEL 138 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.316	43.05	PK-U	31.4	-31.9	42.55	-	-	74	-31.45	-	-	345	101	H
	* 2.315	31.56	ADR	31.4	-31.9	31.06	54	-22.94	-	-	-	-	345	101	H
2	* 1.585	43.91	PK-U	28.1	-32.5	39.51	-	-	74	-34.49	-	-	233	176	V
	* 1.585	32.13	ADR	28.1	-32.5	27.73	54	-26.27	-	-	-	-	233	176	V
3	* 7.436	38.47	PK-U	36.5	-27.7	47.27	-	-	74	-26.73	-	-	158	206	H
	* 7.436	27.31	ADR	36.5	-27.7	35.11	54	-17.89	-	-	-	-	158	206	H
4	* 12.202	35.38	PK-U	39.1	-23.3	51.18	-	-	74	-22.82	-	-	33	250	H
	* 12.202	24.38	ADR	39.1	-23.3	40.18	54	-13.82	-	-	-	-	33	250	H
5	* 11.305	35.87	PK-U	38	-23.8	50.07	-	-	74	-23.93	-	-	124	308	V
	* 11.305	24.84	ADR	38	-23.8	39.04	54	-14.96	-	-	-	-	124	308	V
6	* 15.552	35.73	PK-U	40.9	-22.7	53.93	-	-	74	-20.07	-	-	271	393	V
	* 15.553	24.65	ADR	40.8	-22.7	42.75	54	-11.25	-	-	-	-	271	393	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

5.2_11ax_HE80_5690_2Tx_Q95_RU 26 Index 0_1725.DAT 30915 29 Dec 2015

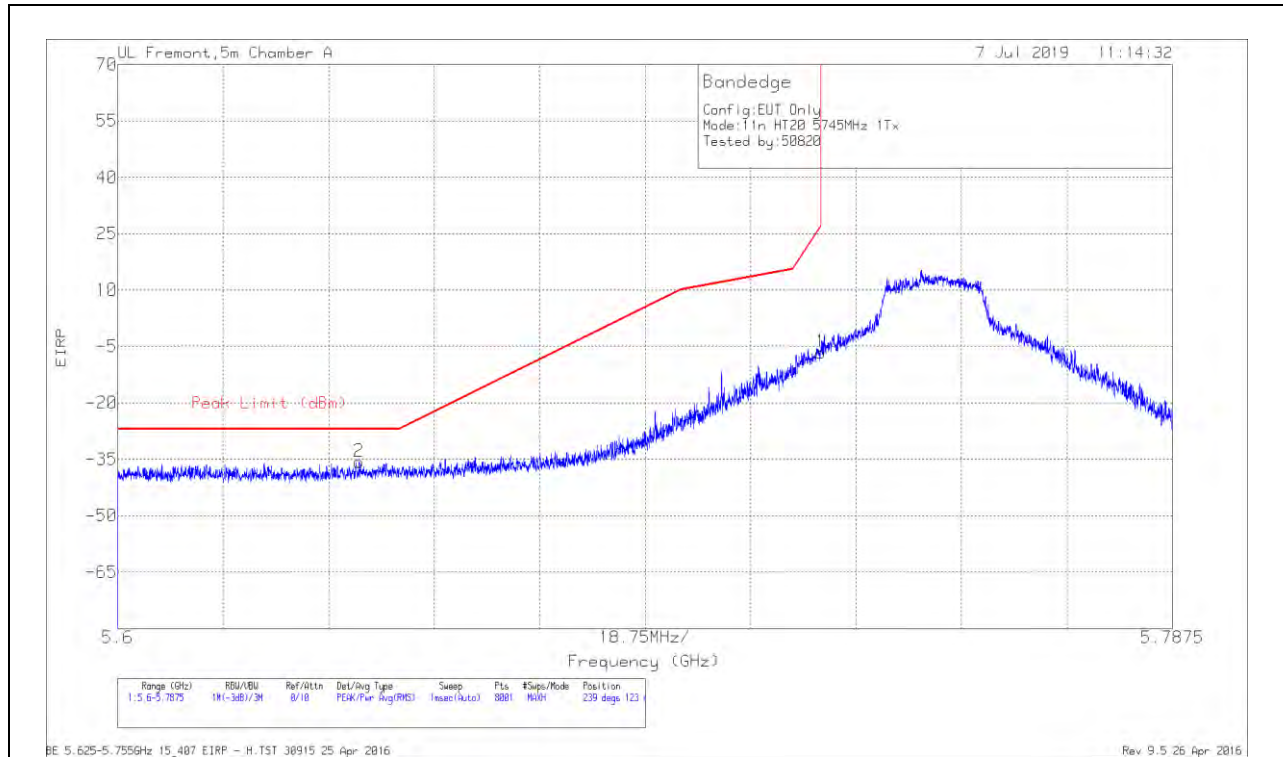
Rev 9.5 01 Dec 2016

1.1.19. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

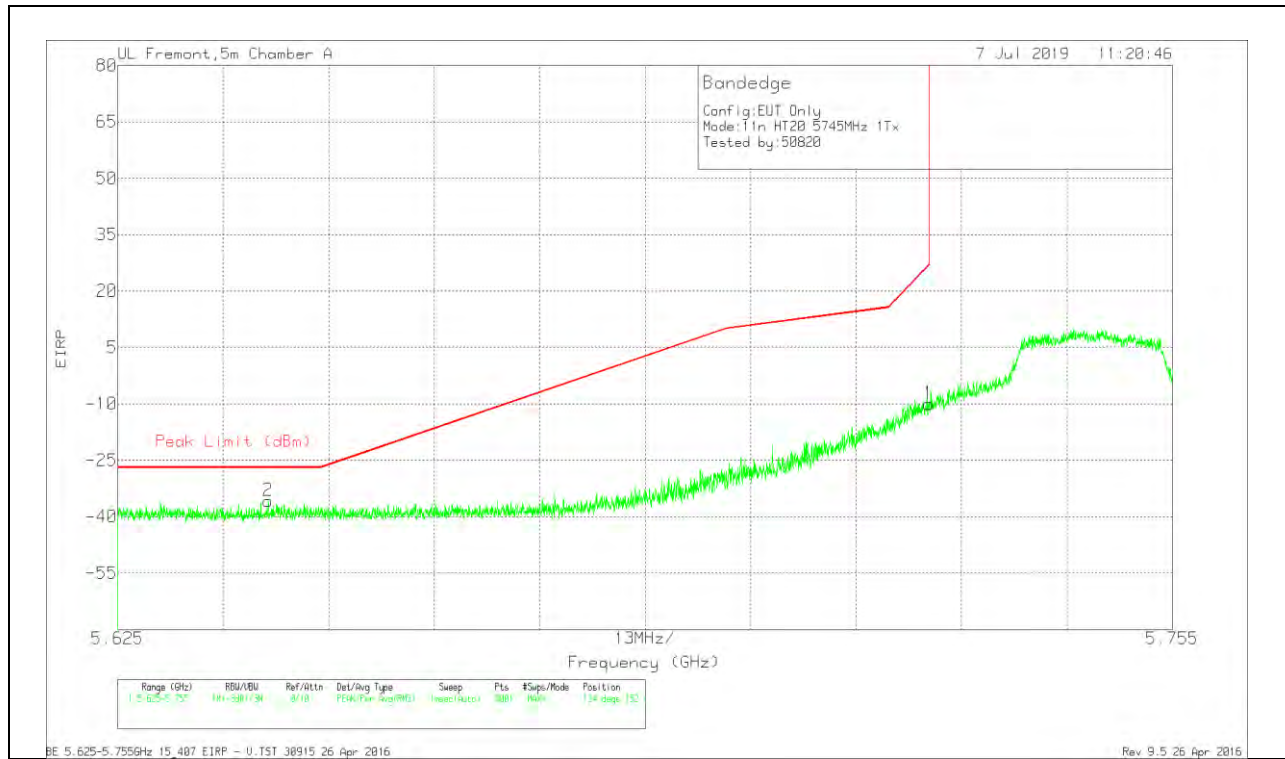
HORIZONTAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T346 (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	5.643	-65.07	Pk	34.9	-17.4	11.8	0	-35.77	-27	-8.77	239	123	H
1	5.725	-36.02	Pk	34.9	-17.2	11.8	0	-6.52	26.99	-33.51	239	123	H

Pk - Peak detector

VERTICAL RESULT

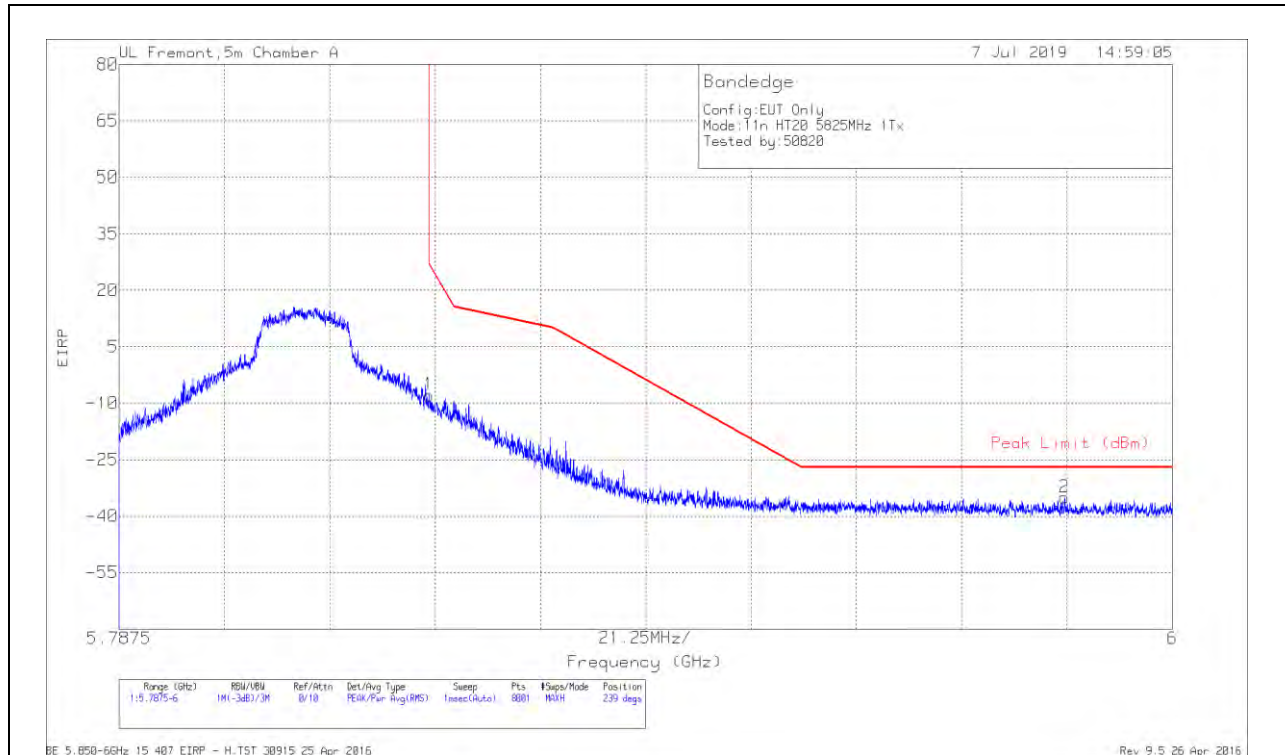


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-65.05	Pk	34.9	-17.4	11.8	0	-35.75	-27	-8.75	134	152	V
1	5.725	-39.57	Pk	34.9	-17.2	11.8	0	-10.07	26.97	-37.04	134	152	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

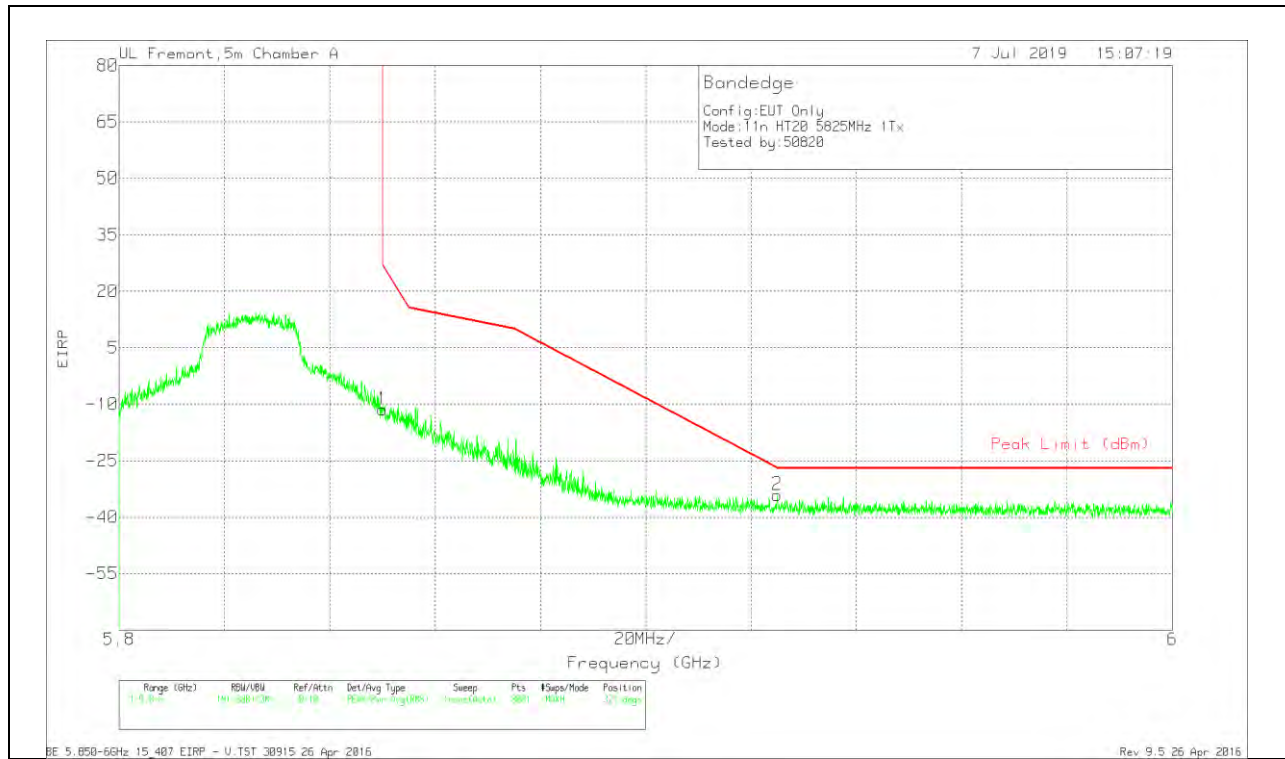
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
1	5.85	-37.86	Pk	35.1	-16.9	11.8	0	-7.86	26.99	-34.85	239	258	H
2	5.978	-65.85	Pk	35.5	-16.5	11.8	0	-35.05	-27	-8.05	239	258	H

Pk - Peak detector

VERTICAL RESULT



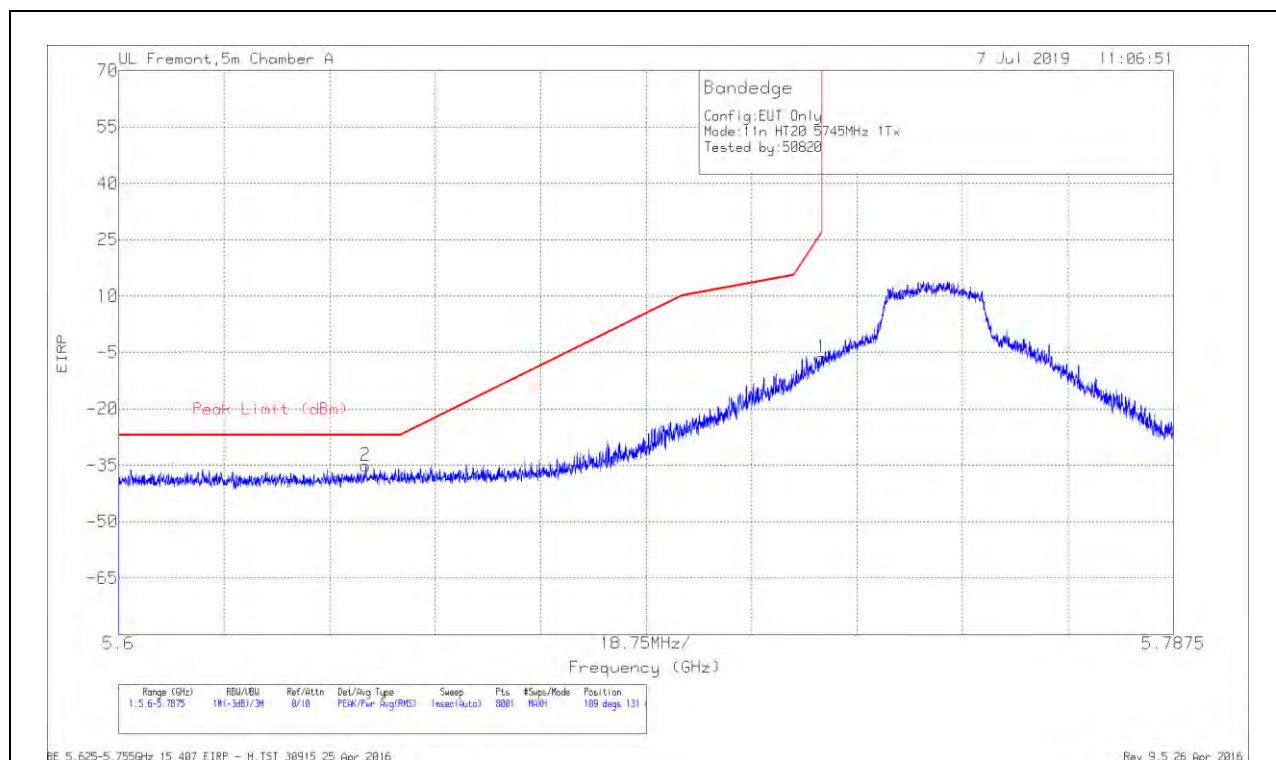
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1	5.85	-41.38	Pk	35.1	-16.9	11.8	0	-11.38	26.94	-38.32	321	234	V
2	5.925	-64.5	Pk	35.3	-16.7	11.8	0	-34.1	-26.96	-7.14	321	234	V

Pk - Peak detector

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

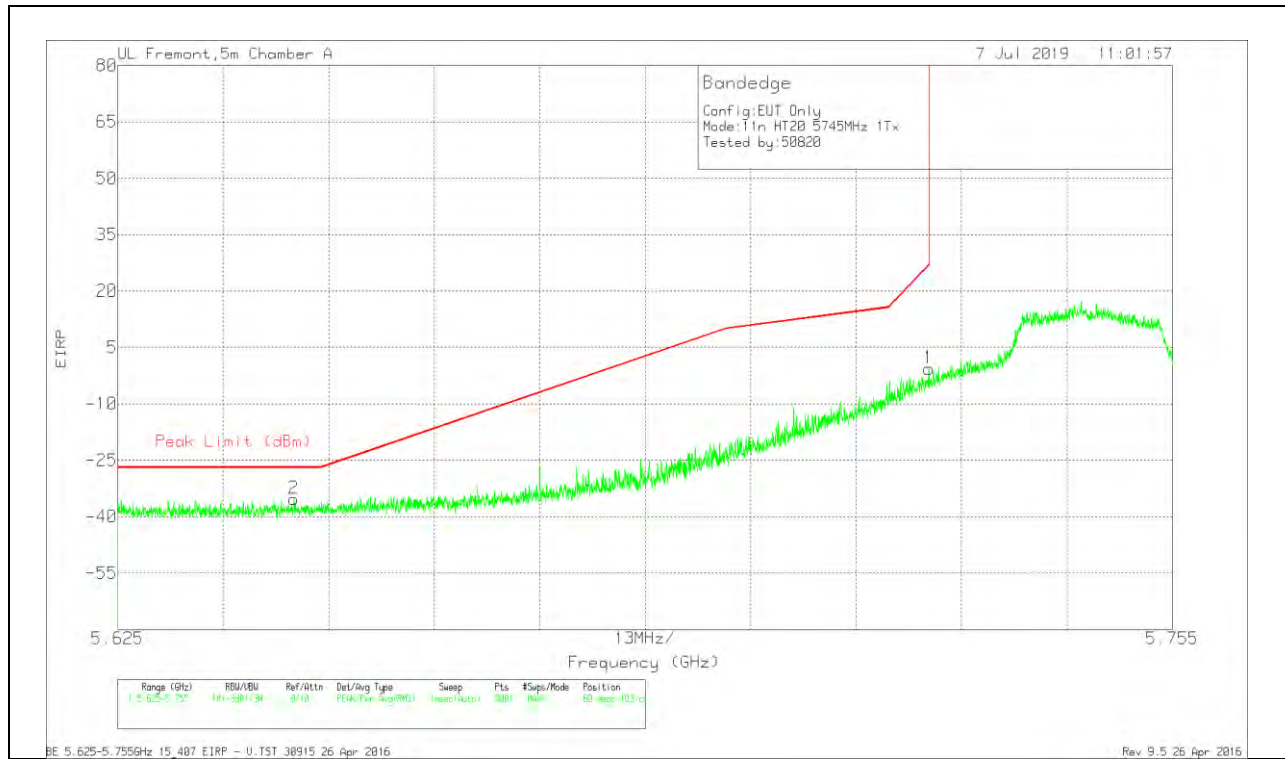
HORIZONTAL RESULT



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	5.644	-64.47	Pk	34.9	-17.4	11.8	0	-35.17	-27	-8.17	109	131	H
1	5.725	-35.96	Pk	34.9	-17.2	11.8	0	-6.46	26.99	-33.45	109	131	H

Pk - Peak detector

VERTICAL RESULT

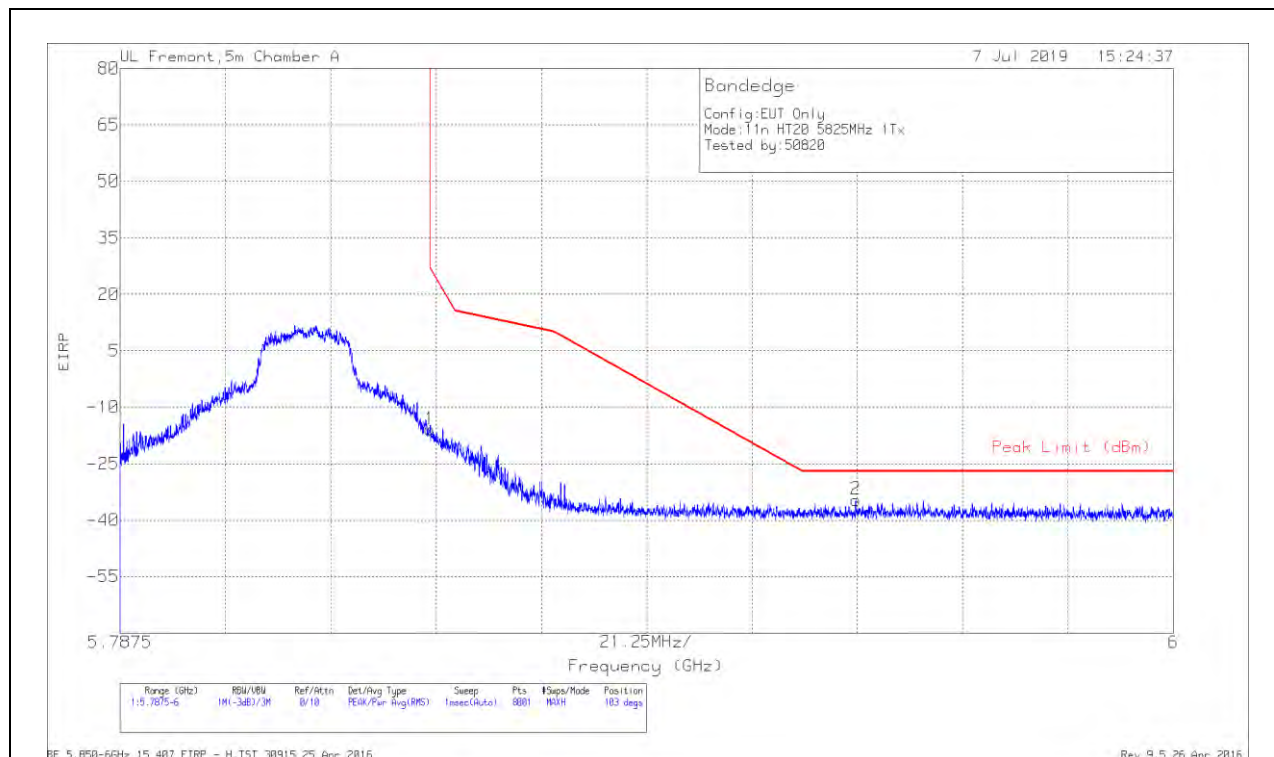


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-64.54	Pk	34.9	-17.4	11.8	0	-35.24	-27	-8.24	60	103	V
1	5.725	-30.14	Pk	34.9	-17.2	11.8	0	-64	26.97	-27.61	60	103	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

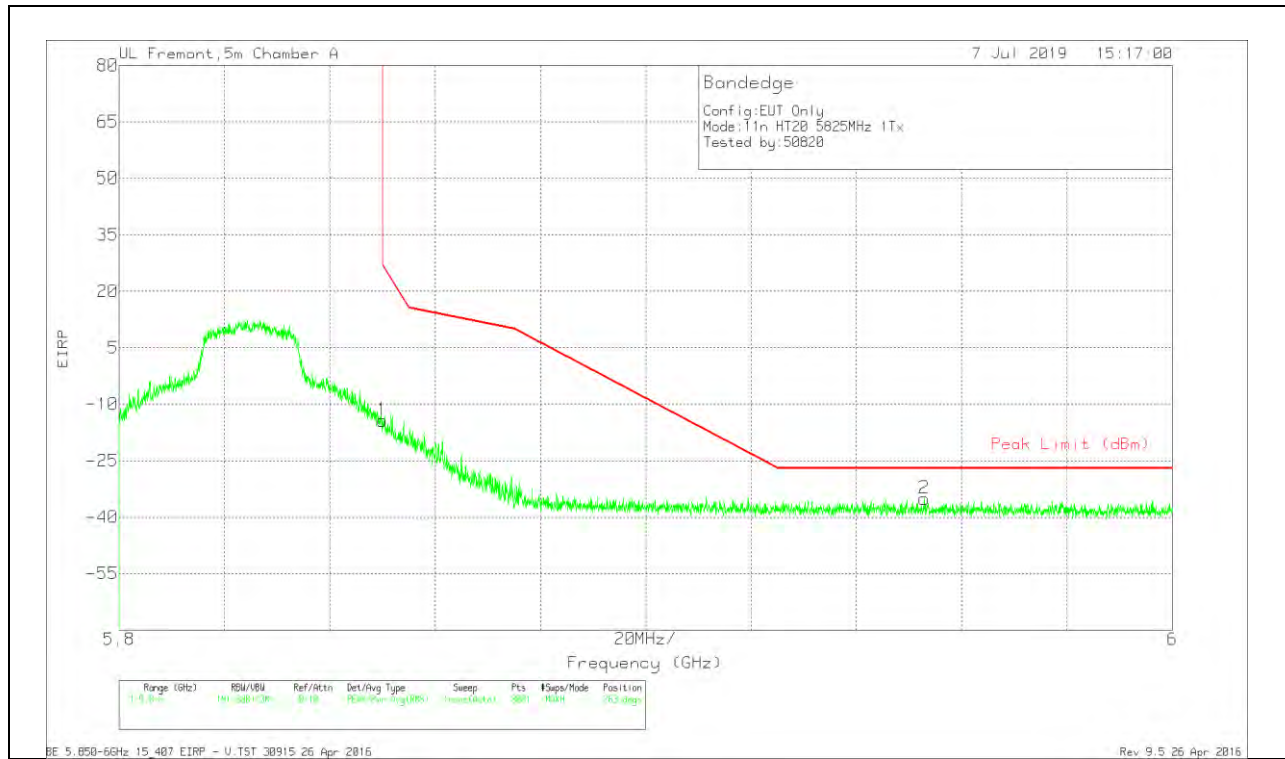
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
1	5.85	-45.91	Pk	35.1	-16.9	11.8	0	-15.91	26.99	-42.9	103	102	H
2	5.936	-65.09	Pk	35.3	-16.6	11.8	0	-34.59	-27	-7.59	103	102	H

Pk - Peak detector

VERTICAL RESULT



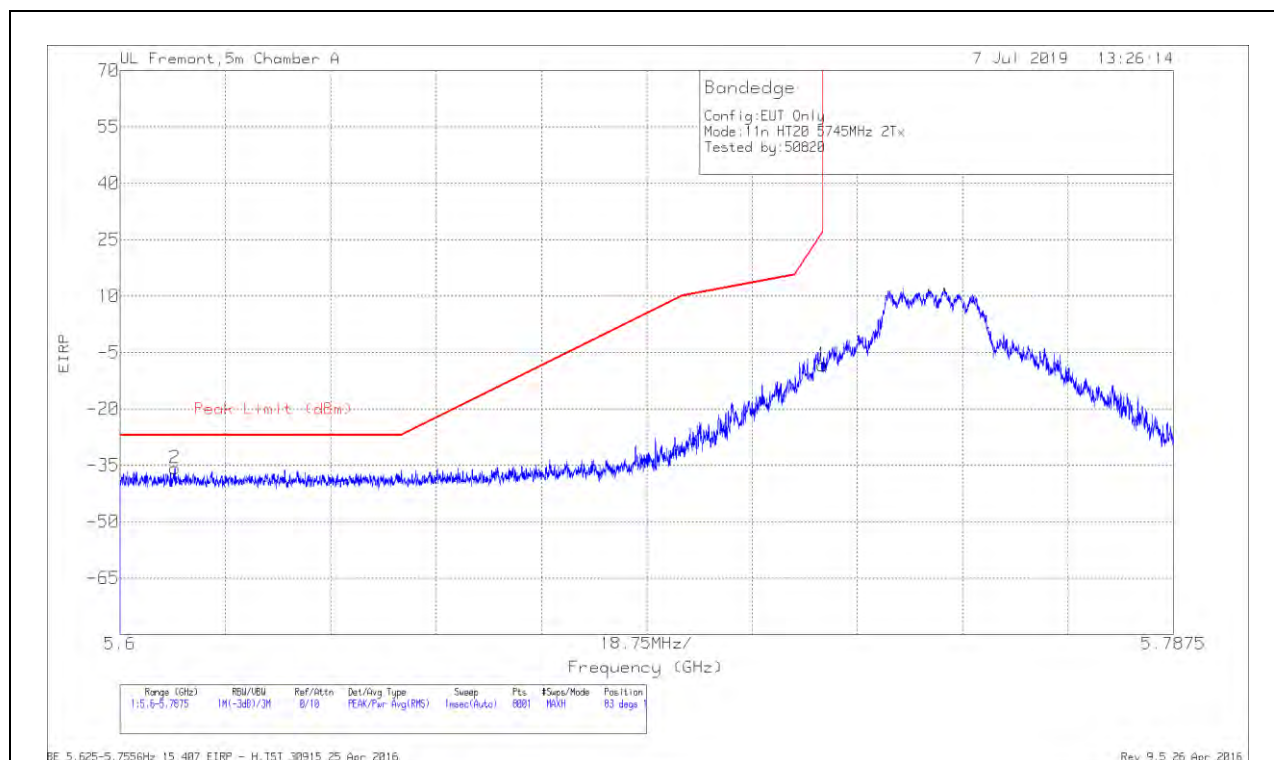
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-44.33	Pk	35.1	-16.9	11.8	0	-14.33	26.94	-41.27	263	129	V
2	5.953	-65.7	Pk	35.4	-16.6	11.8	0	-35.1	-27	-8.1	263	129	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

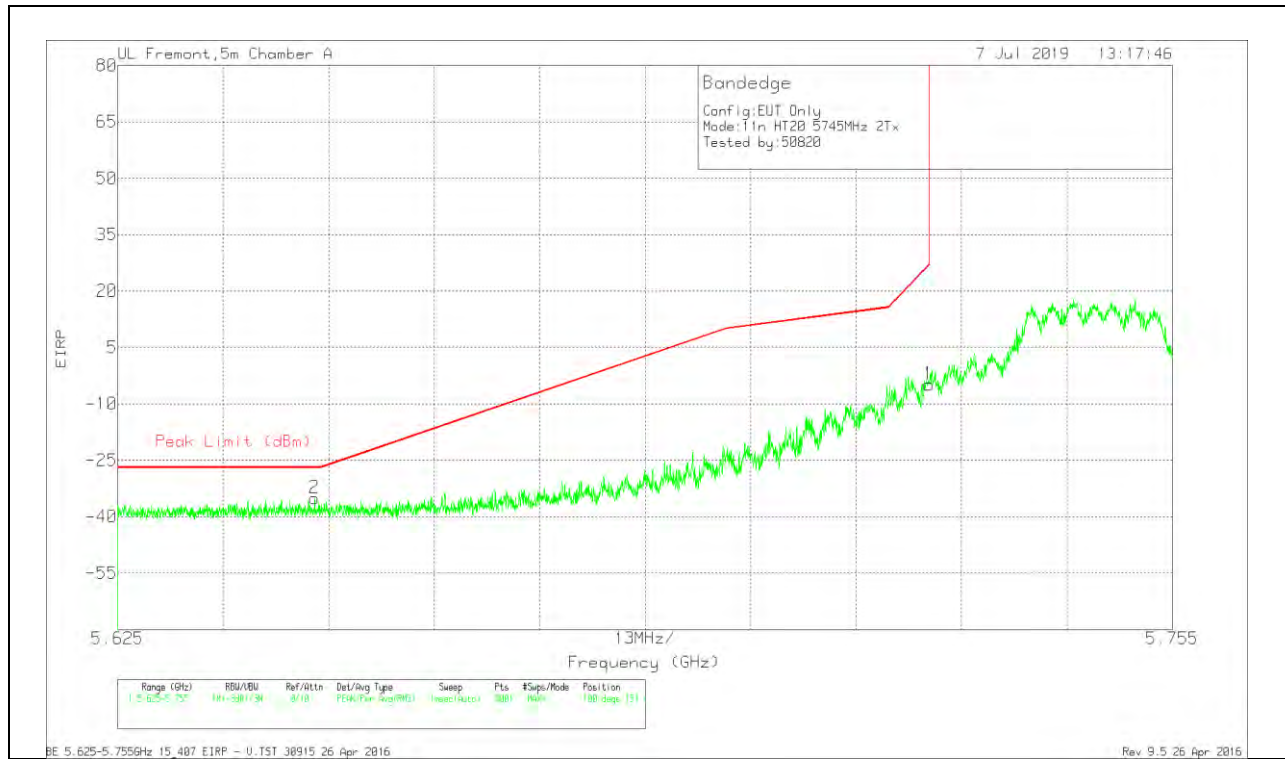
HORIZONTAL RESULT



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	5.61	-64.96	Pk	34.9	-17.5	11.8	0	-35.76	-27	-8.76	83	102	H
1	5.725	-37.82	Pk	34.9	-17.2	11.8	0	-8.32	26.99	-35.31	83	102	H

Pk - Peak detector

VERTICAL RESULT

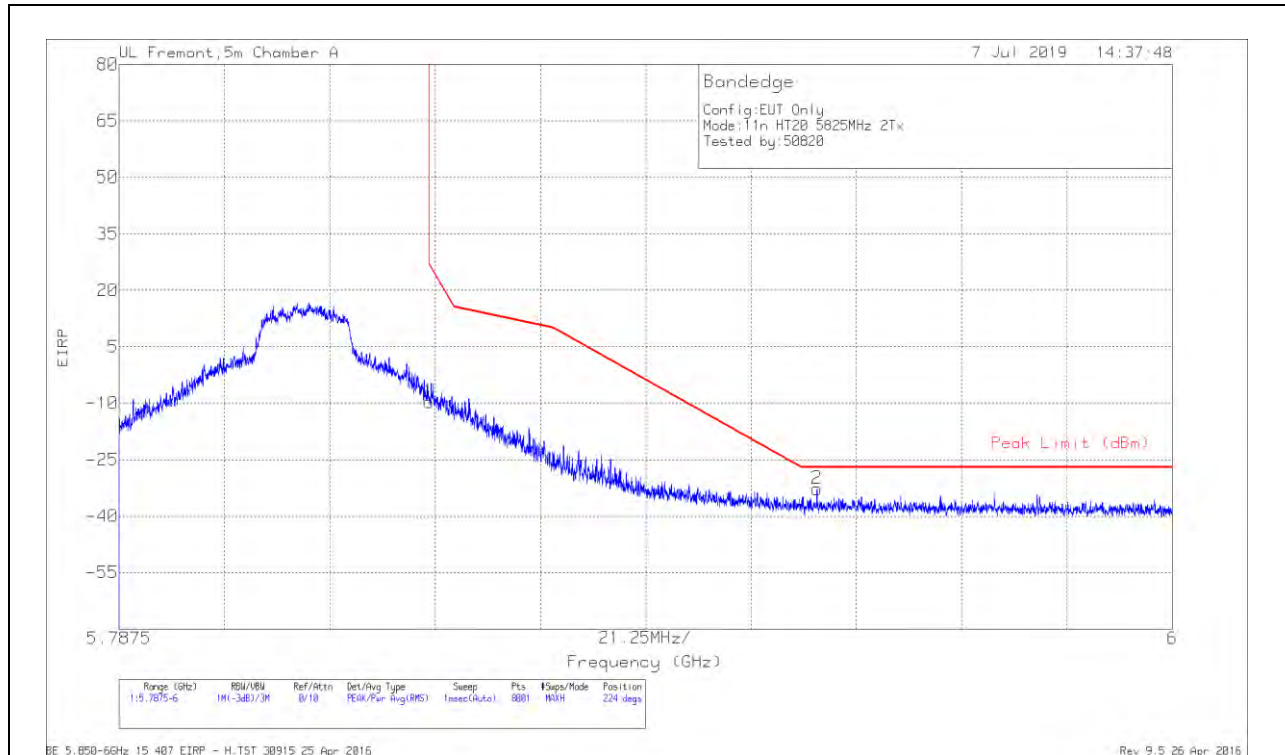


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-64.35	Pk	34.8	-17.4	11.8	0	-35.15	-27	-8.15	100	151	V
1	5.725	-34.3	Pk	34.9	-17.2	11.8	0	-4.8	26.97	-31.77	100	151	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

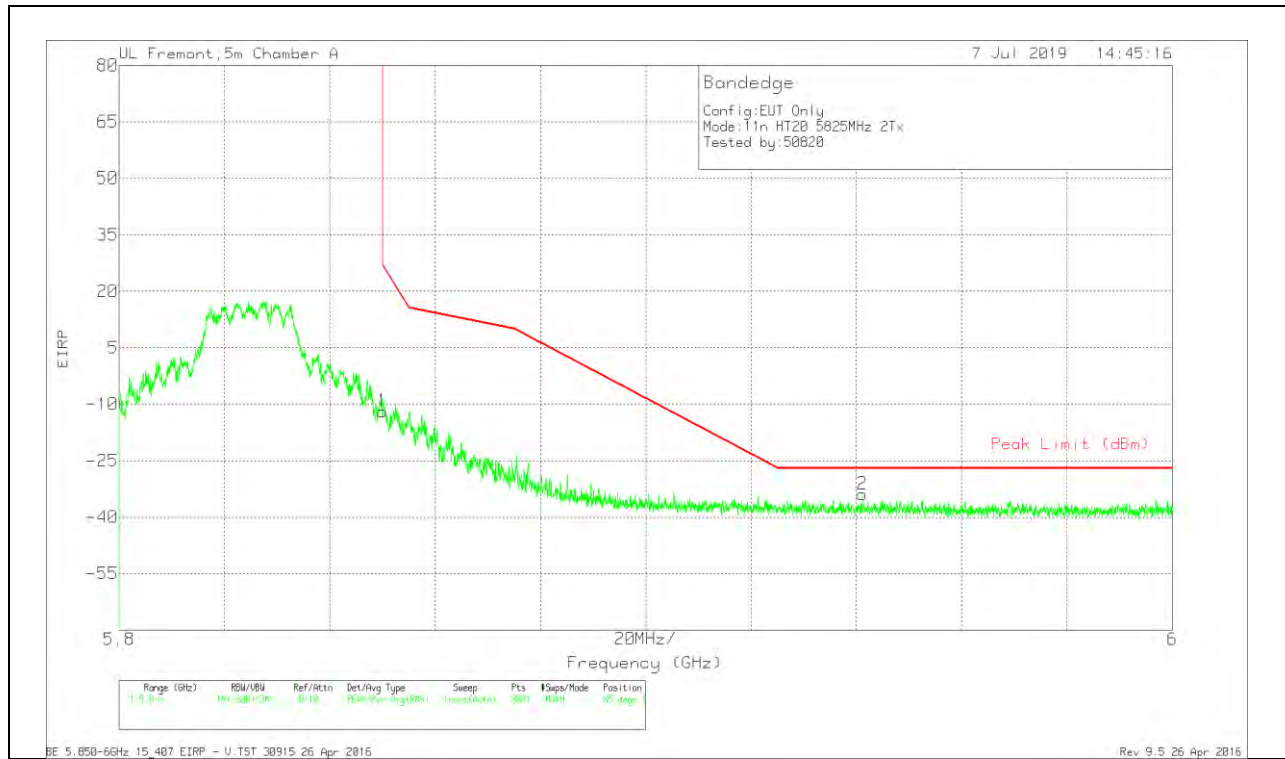
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
1	5.85	-39.63	Pk	35.1	-16.9	11.8	0	-9.63	26.99	-36.62	224	110	H
2	5.928	-63.16	Pk	35.3	-16.7	11.8	0	-32.76	-27	-5.76	224	110	H

Pk - Peak detector

VERTICAL RESULT

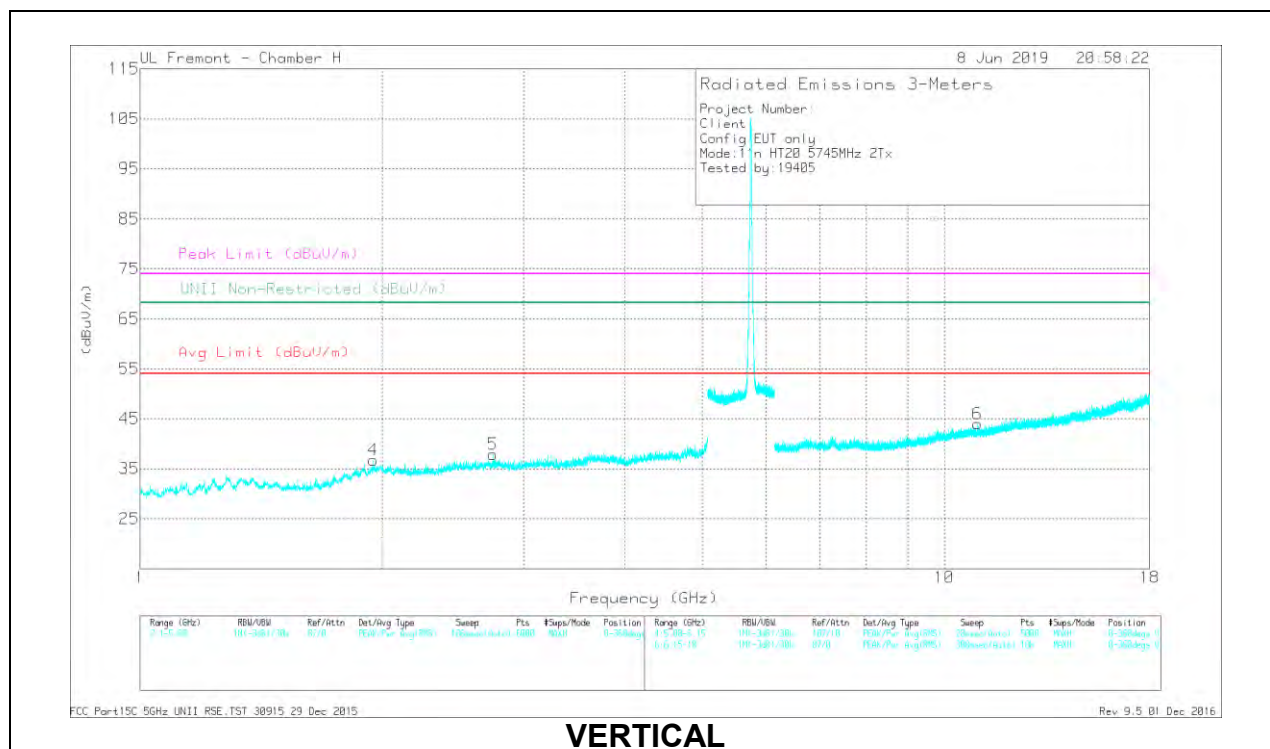
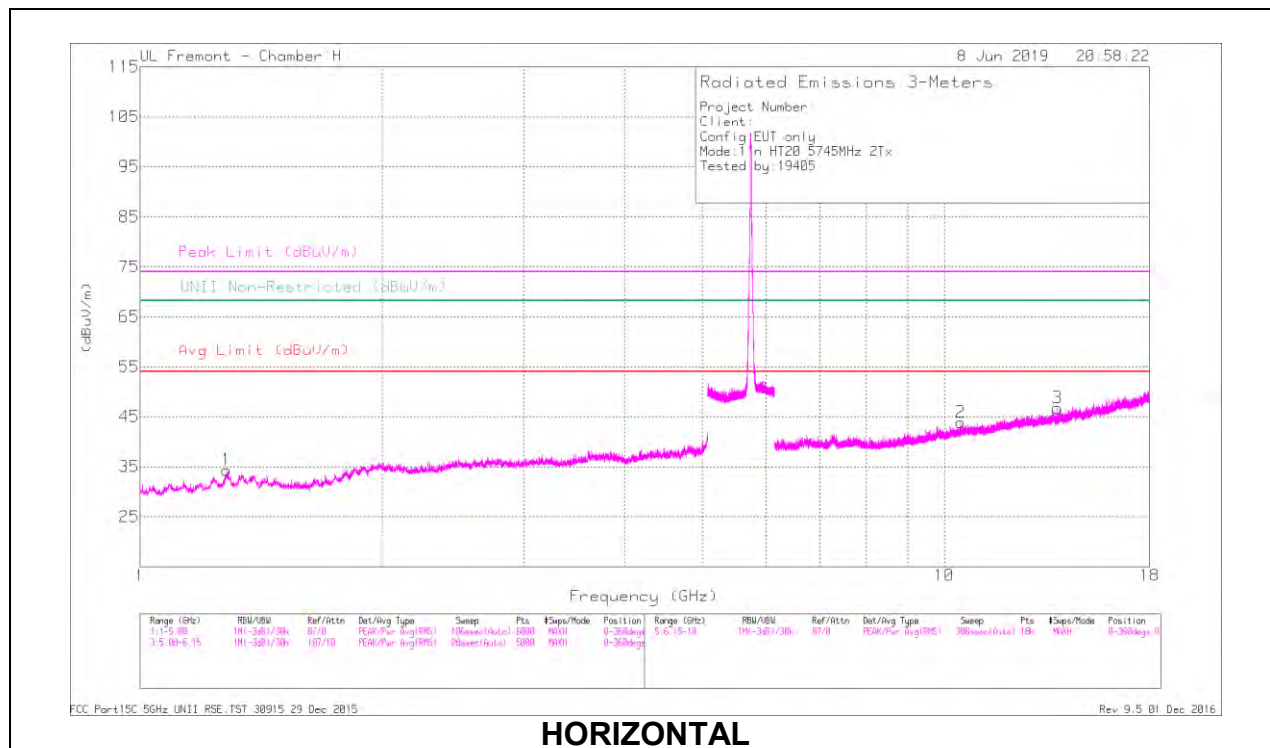


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-41.92	Pk	35.1	-16.9	11.8	0	-11.92	26.94	-38.86	85	103	V
2	5.941	-64.45	Pk	35.3	-16.6	11.8	0	-33.95	-27	-6.95	85	103	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

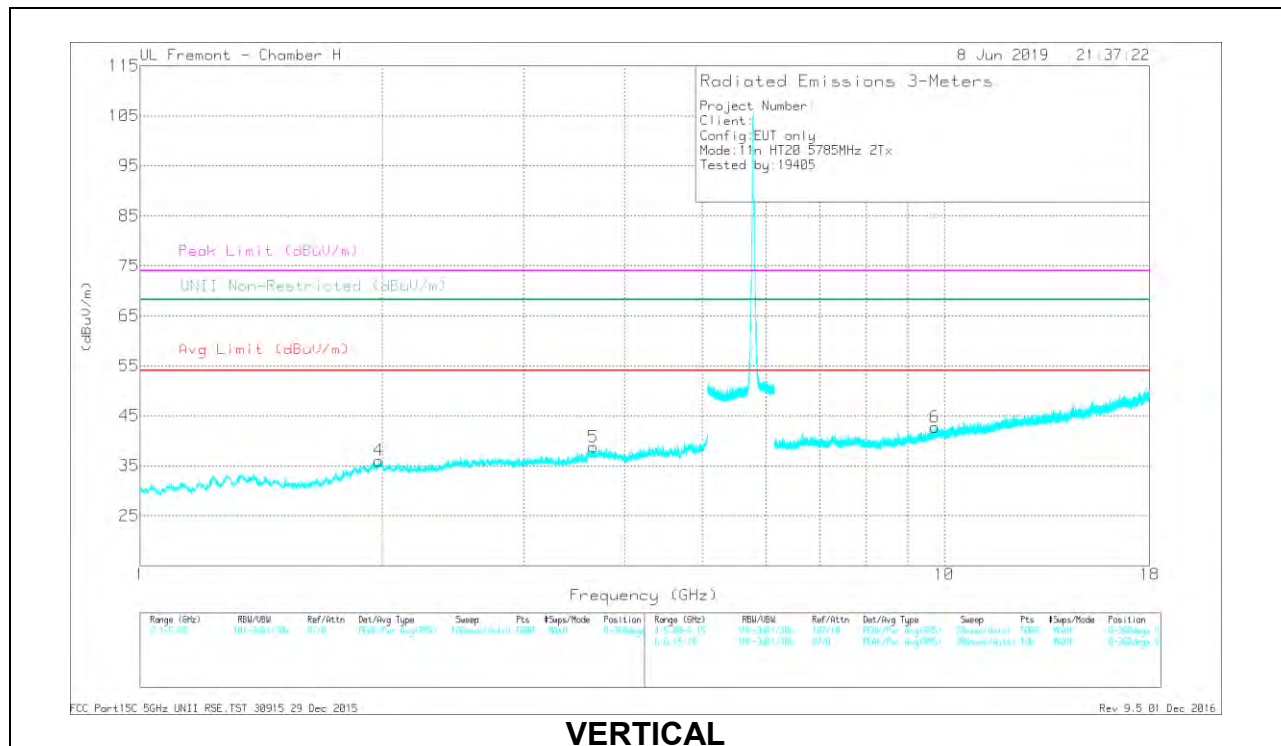
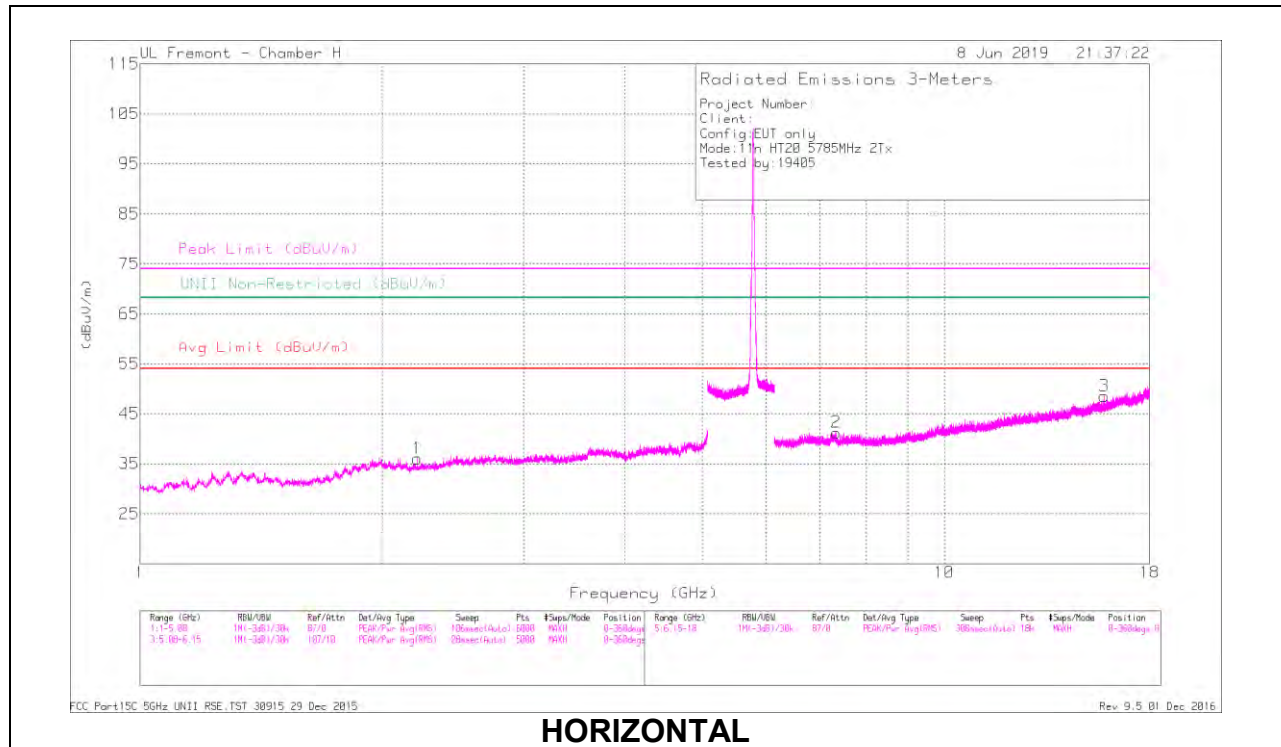
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.282	44.71	PK-U	29.2	-32.9	0	41.01	-	-	74	-32.99	-	-	177	294	H
	* 1.282	33.2	ADR	29.2	-32.9	0	29.5	54	-24.5	-	-	-	-	177	294	H
5	* 2.746	43.98	PK-U	32.5	-31.7	0	44.78	-	-	74	-29.22	-	-	347	219	V
	* 2.747	31.64	ADR	32.5	-31.7	0	32.44	54	-21.56	-	-	-	-	347	219	V
6	* 11.001	36.07	PK-U	37.8	-23.5	0	50.37	-	-	74	-23.63	-	-	93	174	V
	* 10.998	25.1	ADR	37.8	-23.6	0	39.3	54	-14.7	-	-	-	-	93	174	V
4	1.948	43.42	PK-U	31.6	-32.3	0	42.72	-	-	-	-	68.2	-25.48	240	322	V
	1.948	32.22	ADR	31.6	-32.3	0	31.52	-	-	-	-	-	-	240	322	V
2	10.474	35.81	PK-U	37.6	-23.7	0	49.71	-	-	-	-	68.2	-18.49	182	265	H
	10.476	24.71	ADR	37.6	-23.7	0	38.61	-	-	-	-	-	-	182	265	H
3	13.816	35.91	PK-U	39.1	-22.7	0	52.31	-	-	-	-	68.2	-15.89	123	209	H
	13.816	24.79	ADR	39.1	-22.7	0	41.19	-	-	-	-	-	-	123	209	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

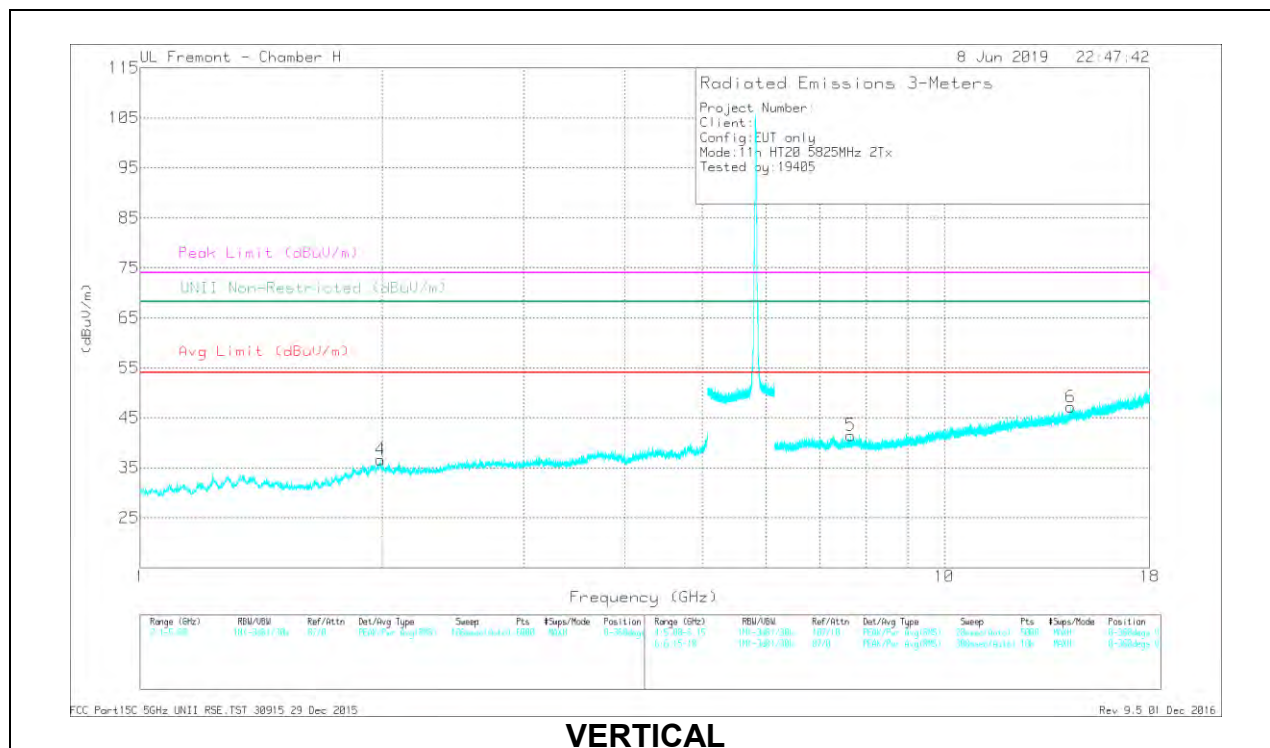
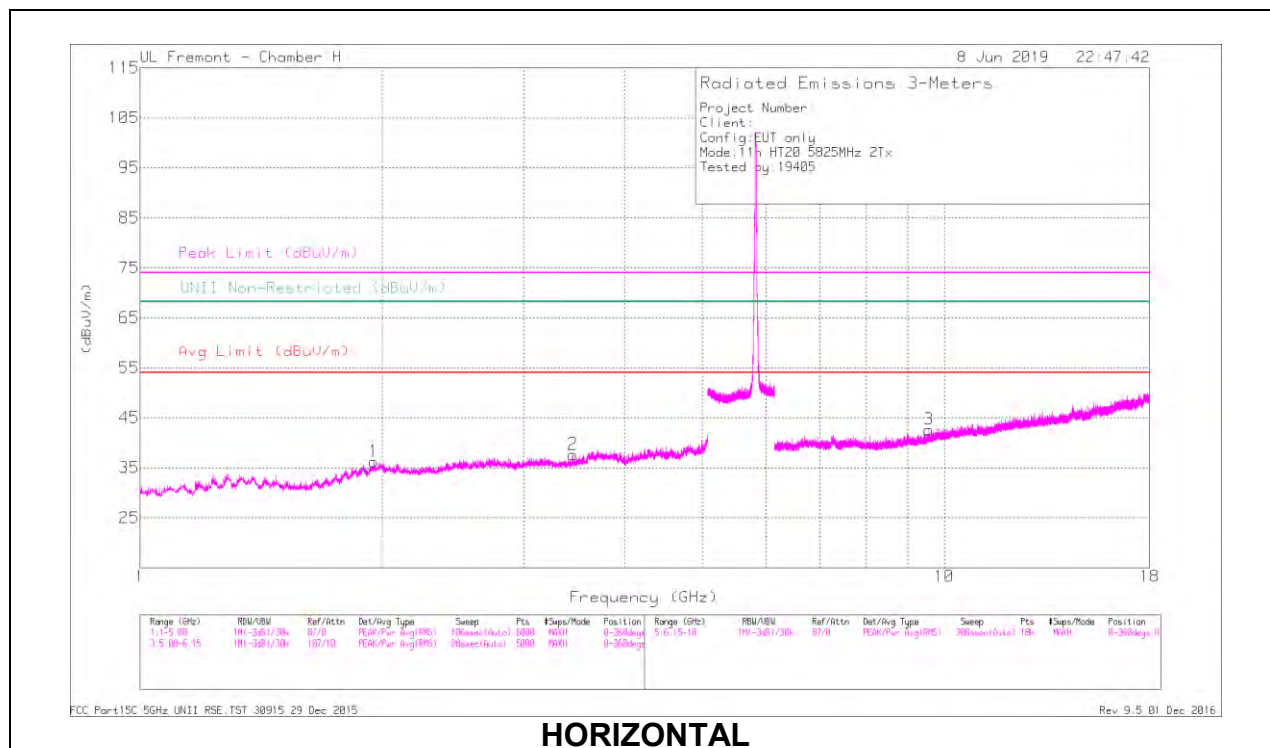
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.21	43.51	PK-U	31.3	-31.9	0	42.91	-	-	74	-31.09	-	-	79	258	H
	* 2.208	31.42	ADR	31.3	-31.9	0	30.82	54	-23.18	-	-	-	-	79	258	H
5	* 3.661	41.99	PK-U	33.1	-30.9	0	44.19	-	-	74	-29.81	-	-	273	139	V
	* 3.663	30.41	ADR	33.1	-30.8	0	32.71	54	-21.29	-	-	-	-	273	139	V
2	* 7.339	38.52	PK-U	36.4	-27.4	0	47.52	-	-	74	-26.48	-	-	156	212	H
	* 7.337	27.44	ADR	36.3	-27.3	0	36.44	54	-17.56	-	-	-	-	156	212	H
3	* 15.806	35.68	PK-U	40.6	-22.1	0	54.18	-	-	74	-19.82	-	-	224	169	H
	* 15.805	24.5	ADR	40.6	-22.1	0	43	54	-11	-	-	-	-	224	169	H
4	1.978	43.36	PK-U	32	-32.3	0	43.06	-	-	-	-	68.2	-25.14	314	182	V
	1.979	31.86	ADR	31.9	-32.2	0	31.56	-	-	-	-	-	-	314	182	V
6	9.727	36.69	PK-U	37	-24.9	0	48.79	-	-	-	-	68.2	-19.41	73	322	V
	9.728	25.76	ADR	37	-24.9	0	37.86	-	-	-	-	-	-	73	322	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	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/CbI/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 7.647	38.25	PK-U	36.6	-27.3	0	47.55	-	-	74	-26.45	-	-	0	100	V
	* 7.65	27.08	ADR	36.6	-27.3	0	36.38	54	-17.62	-	-	-	-	0	100	V
1	1.952	44.85	PK-U	31.7	-32.3	0	44.25	-	-	-	-	68.2	-23.95	0	100	H
	1.952	31.93	ADR	31.7	-32.3	0	31.33	-	-	-	-	-	-	0	100	H
4	1.989	44	PK-U	31.9	-32.3	0	43.6	-	-	-	-	68.2	-24.6	0	100	V
	1.991	32.05	ADR	31.9	-32.3	0	31.65	-	-	-	-	-	-	0	100	V
2	3.454	30.86	ADR	32.8	-31.1	0	32.56	-	-	-	-	-	-	0	100	H
	3.455	42.29	PK-U	32.8	-31.1	0	43.99	-	-	-	-	68.2	-24.21	0	100	H
3	9.565	36.46	PK-U	36.8	-24.3	0	48.96	-	-	-	-	68.2	-19.24	0	100	H
	9.565	25.04	ADR	36.8	-24.3	0	37.54	-	-	-	-	-	-	0	100	H
6	14.37	35.78	PK-U	39.7	-22.4	0	53.08	-	-	-	-	68.2	-15.12	0	100	V
	14.371	24.53	ADR	39.7	-22.4	0	41.83	-	-	-	-	-	-	0	100	V

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

PK-U - U-NII: Maximum Peak

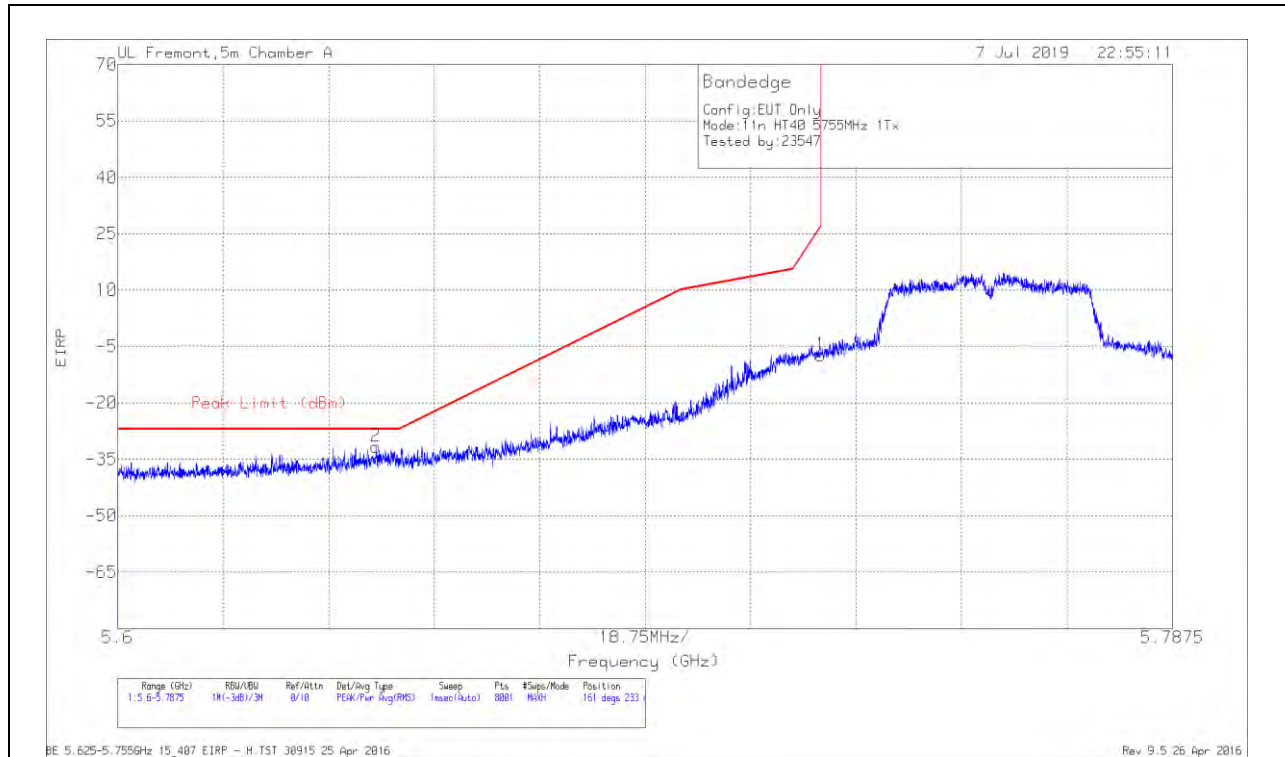
ADR - U-NII AD primary method, RMS average

1.1.20. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (LOW CHANNEL)

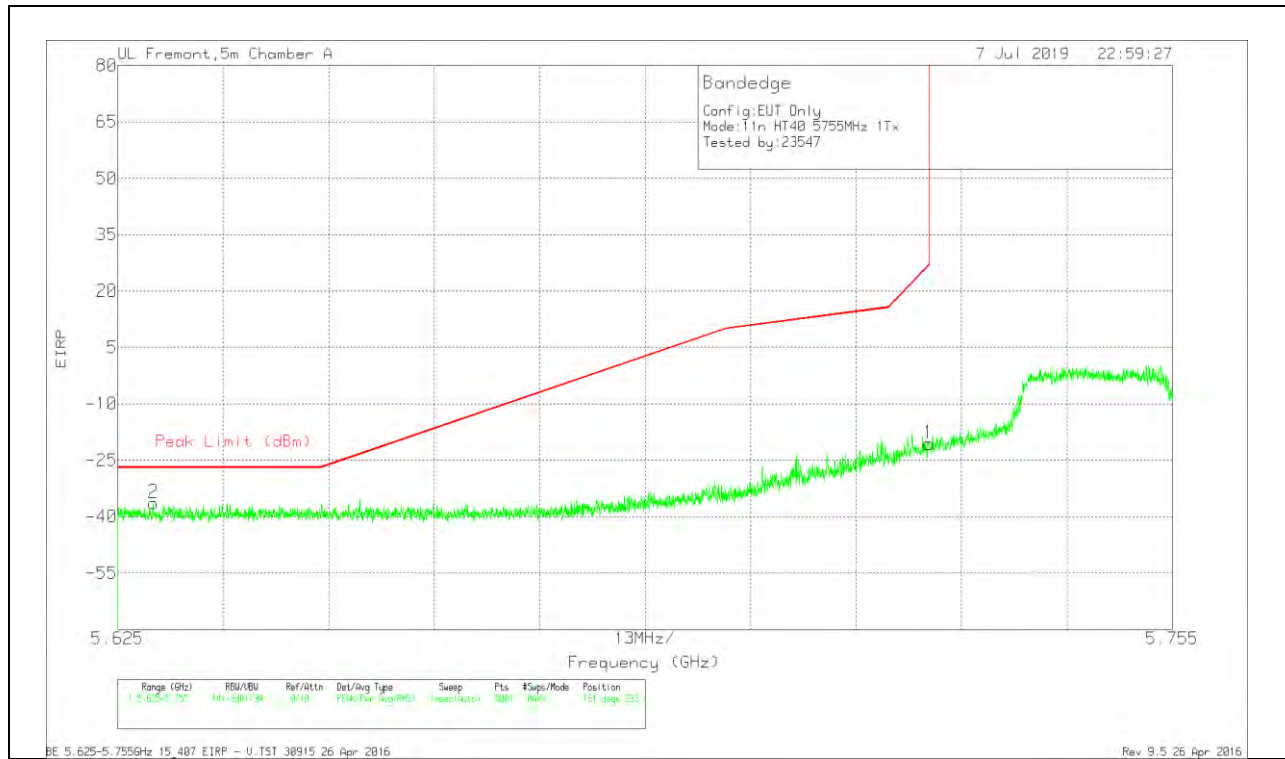
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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	5.646	-61	Pk	34.9	-17.4	11.8	0	-31.7	-27	-4.7	161	233	H
1	5.725	-36.82	Pk	34.9	-17.2	11.8	0	-7.32	26.99	-34.31	161	233	H

Pk - Peak detector

VERTICAL RESULT

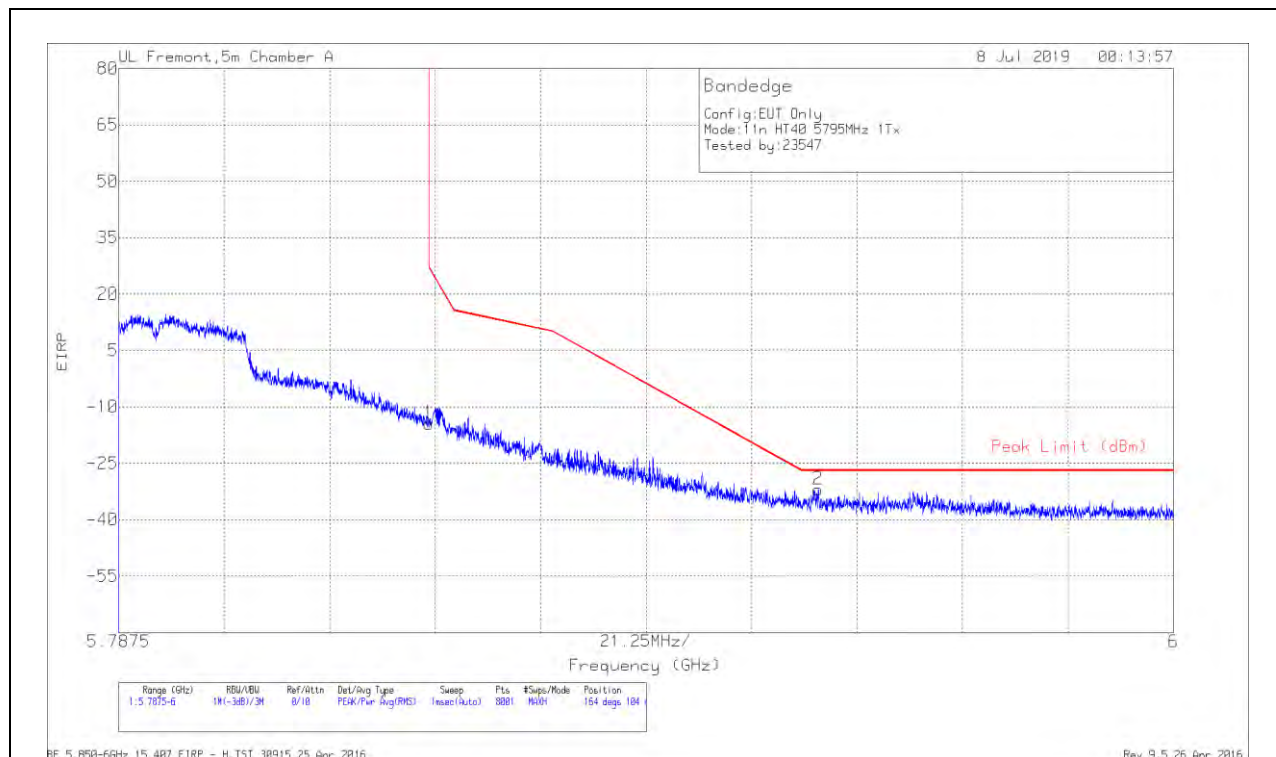


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.629	-65.59	Pk	34.9	-17.4	11.8	0	-36.29	-27	-9.29	161	233	V
1	5.725	-50.12	Pk	34.9	-17.2	11.8	0	-20.62	26.97	-47.59	161	233	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

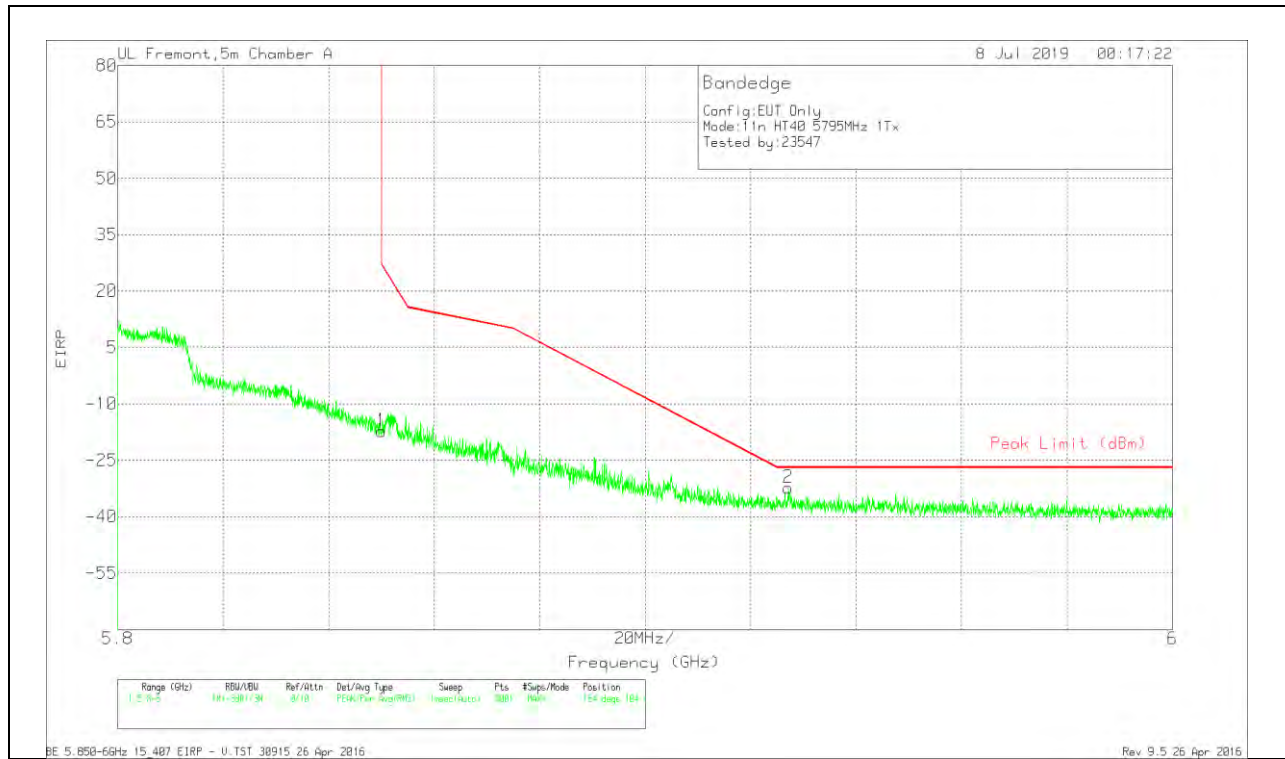
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (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
1	5.85	-44.52	Pk	35.1	-16.9	11.8	0	-14.52	26.99	-41.51	164	104	H
2	5.928	-62.36	Pk	35.3	-16.7	11.8	0	-31.96	-27	-4.96	164	104	H

Pk - Peak detector

VERTICAL RESULT



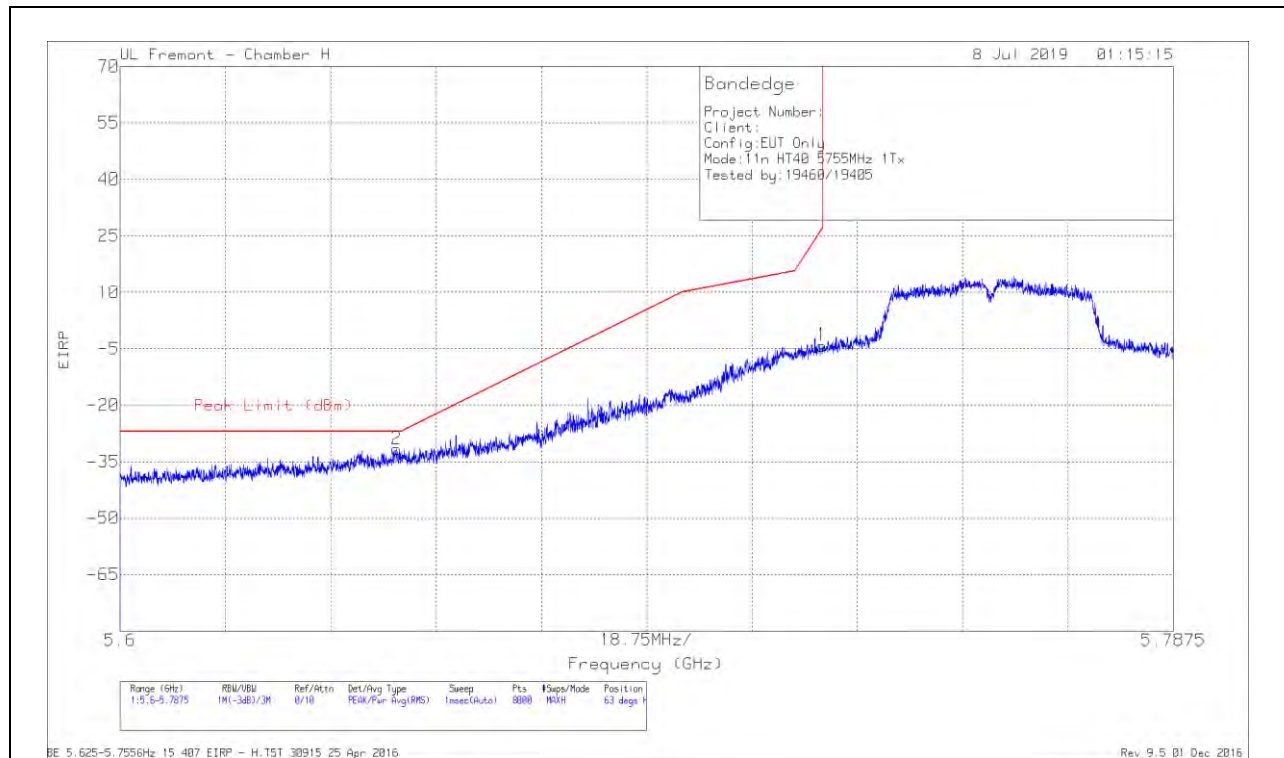
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.3	Pk	35.1	-16.9	11.8	0	-17.3	26.94	-44.24	164	104	V
2	5.927	-62.64	Pk	35.3	-16.7	11.8	0	-32.24	-27	-5.24	164	104	V

Pk - Peak detector

1TX Antenna 5 MODE

BANDEDGE (LOW CHANNEL)

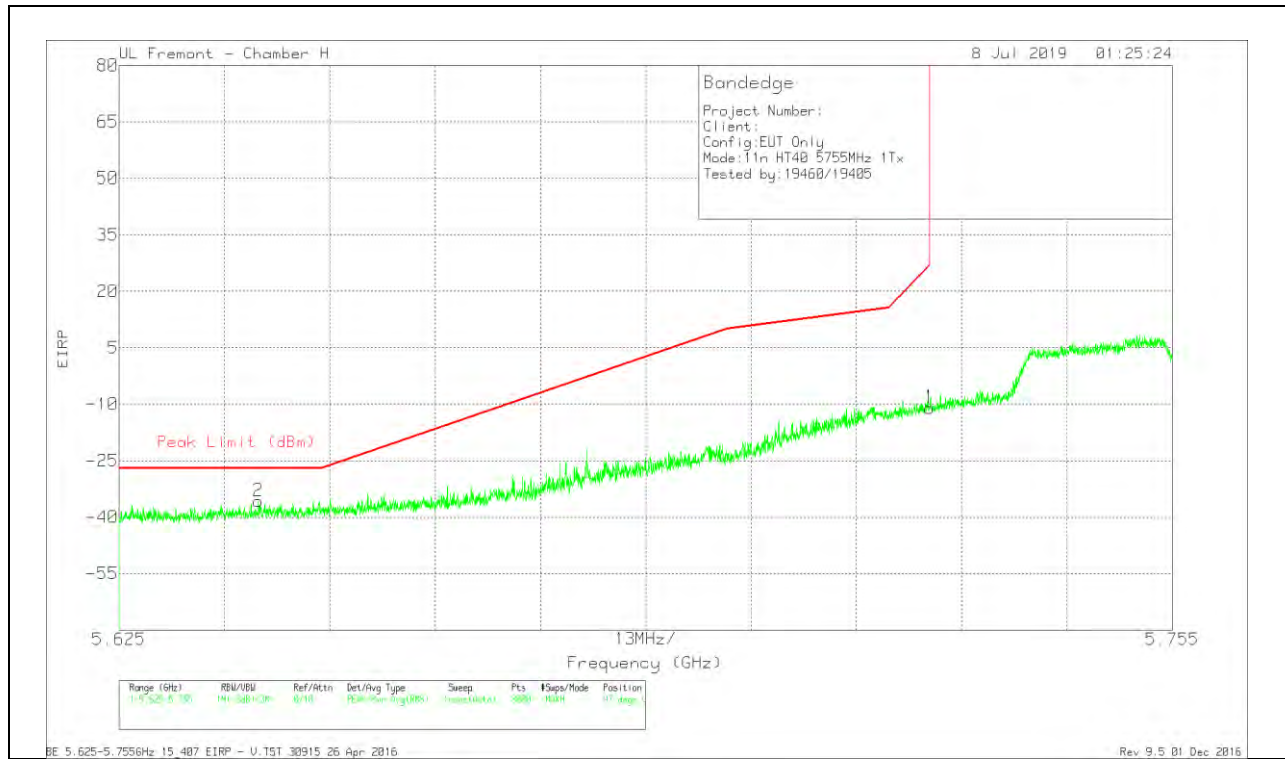
HORIZONTAL RESULT



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	5.649	-57.98	Pk	35.1	-20.6	11.8	0	-31.68	-27	-4.68	63	156	H
1	5.725	-30.26	Pk	35	-20.7	11.8	0	-4.16	26.96	-31.12	63	156	H

Pk - Peak detector

VERTICAL RESULT

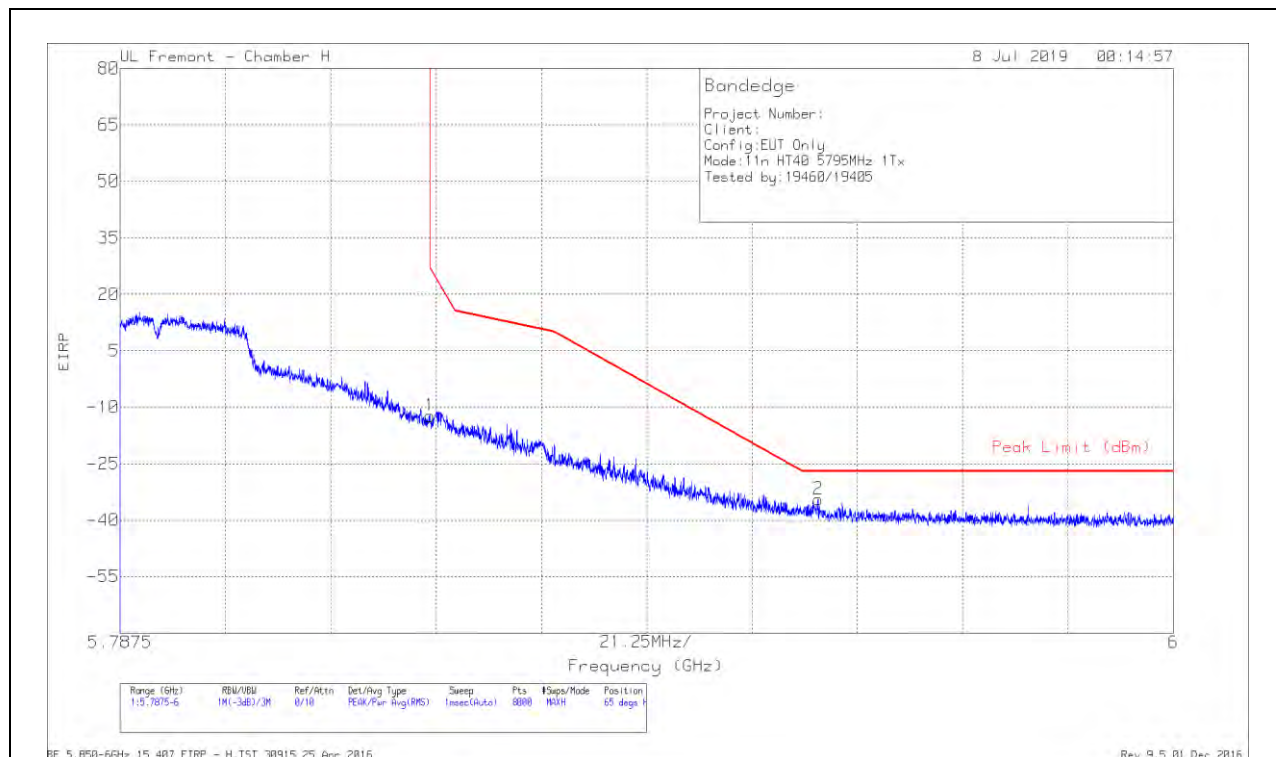


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-62.18	Pk	35.2	-20.6	11.8	0	-35.78	-27	-8.78	97	108	V
1	5.725	-37.09	Pk	35	-20.7	11.8	0	-10.99	27	-37.99	97	108	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

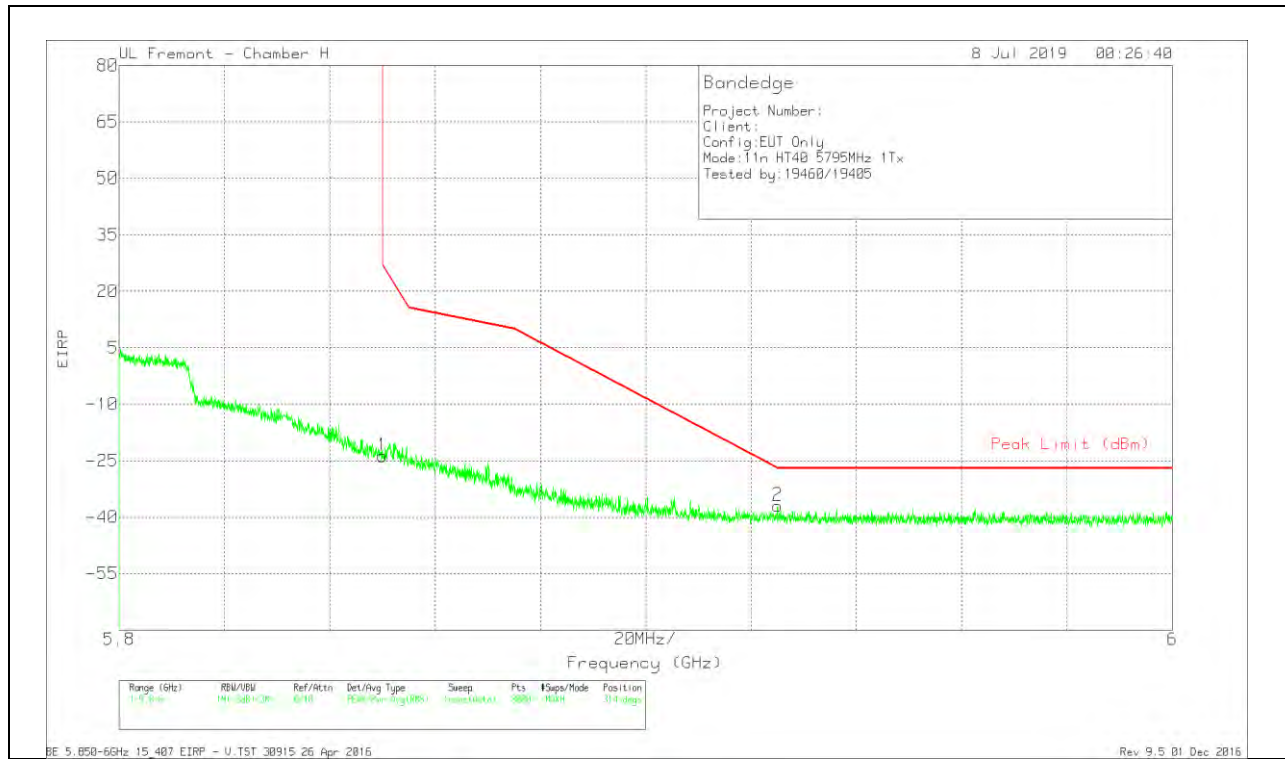
HORIZONTAL RESULT



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
1	5.85	-38.74	Pk	35	-20.4	11.8	0	-12.34	26.98	-39.32	65	249	H
2	5.928	-61.3	Pk	35.1	-20.1	11.8	0	-34.5	-27	-7.5	65	249	H

Pk - Peak detector

VERTICAL RESULT



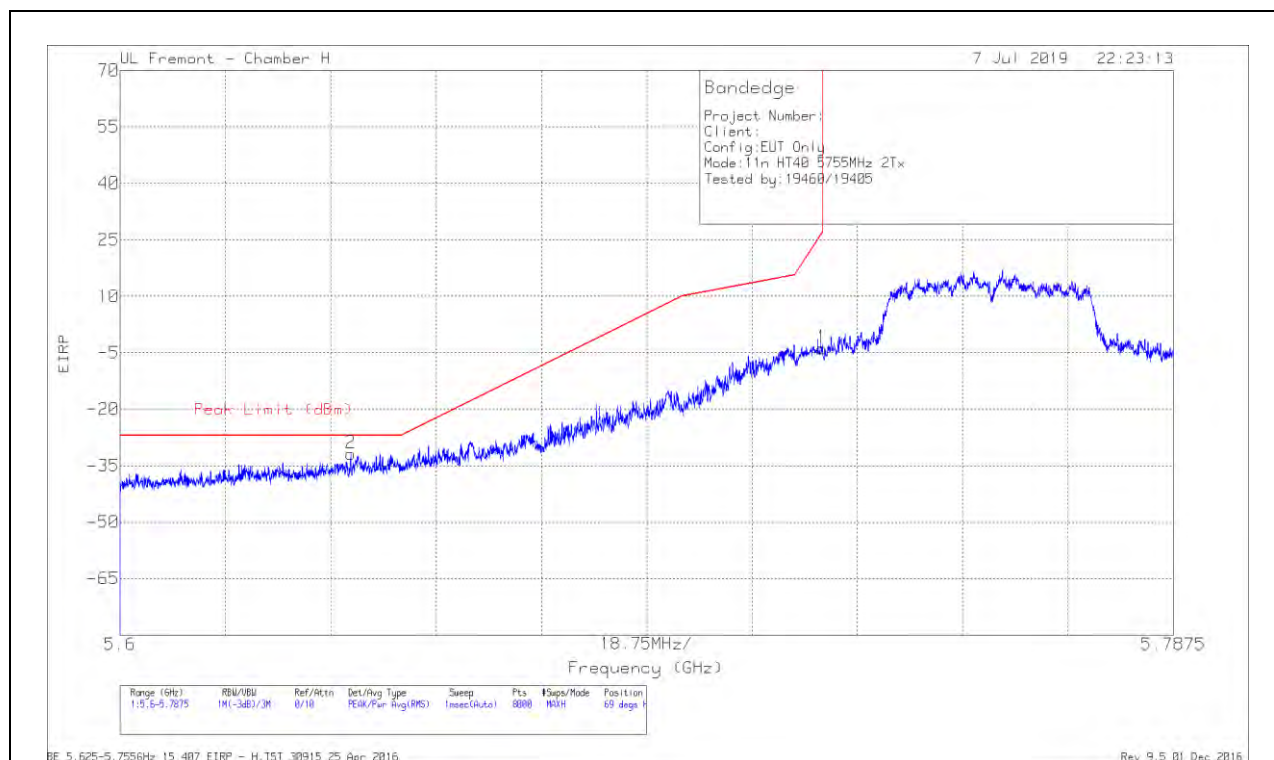
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-50.1	Pk	35	-20.4	11.8	0	-23.7	26.99	-50.69	314	134	V
2	5.925	-63.66	Pk	35.1	-20.2	11.8	0	-36.96	-27	-9.96	314	134	V

Pk - Peak detector

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (LOW CHANNEL)

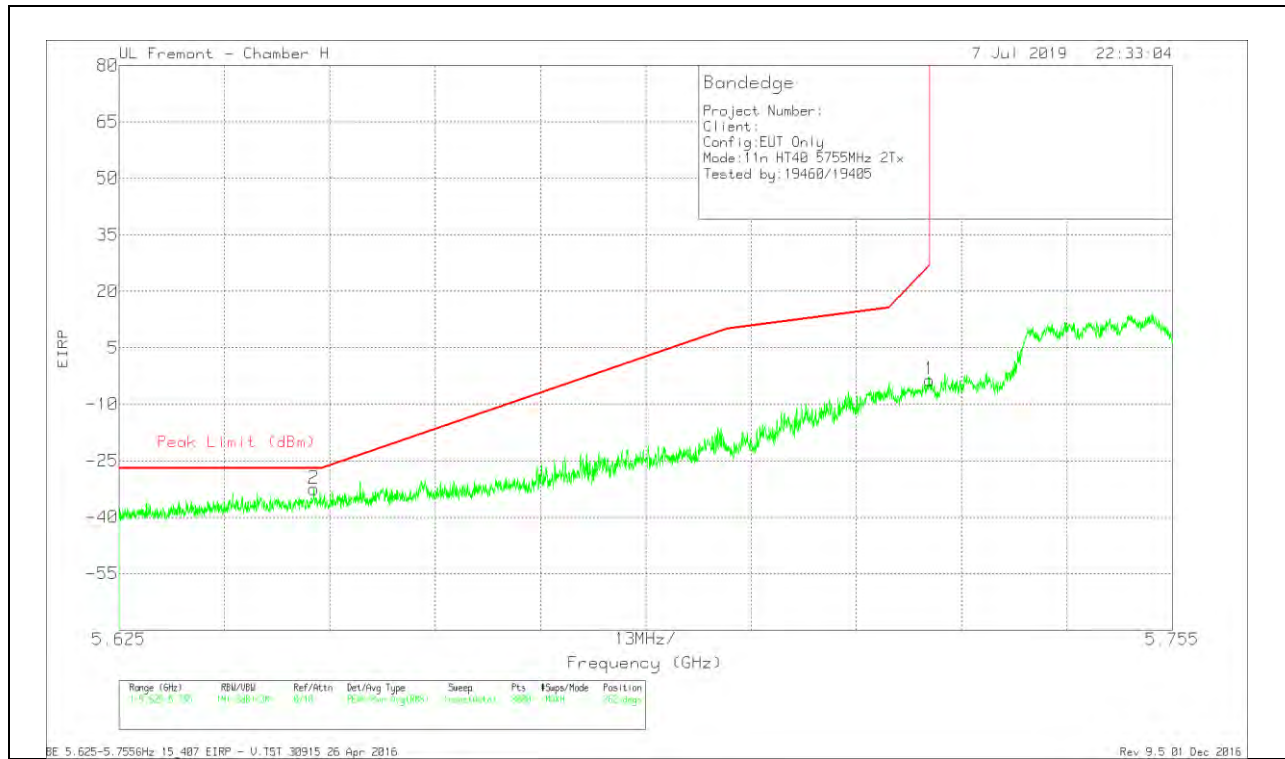
HORIZONTAL RESULT



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	5.641	-58.17	Pk	35.2	-20.6	11.8	0	-31.77	-27	-4.77	69	158	H
1	5.725	-29.87	Pk	35	-20.7	11.8	0	-3.77	26.96	-30.73	69	158	H

Pk - Peak detector

VERTICAL RESULT

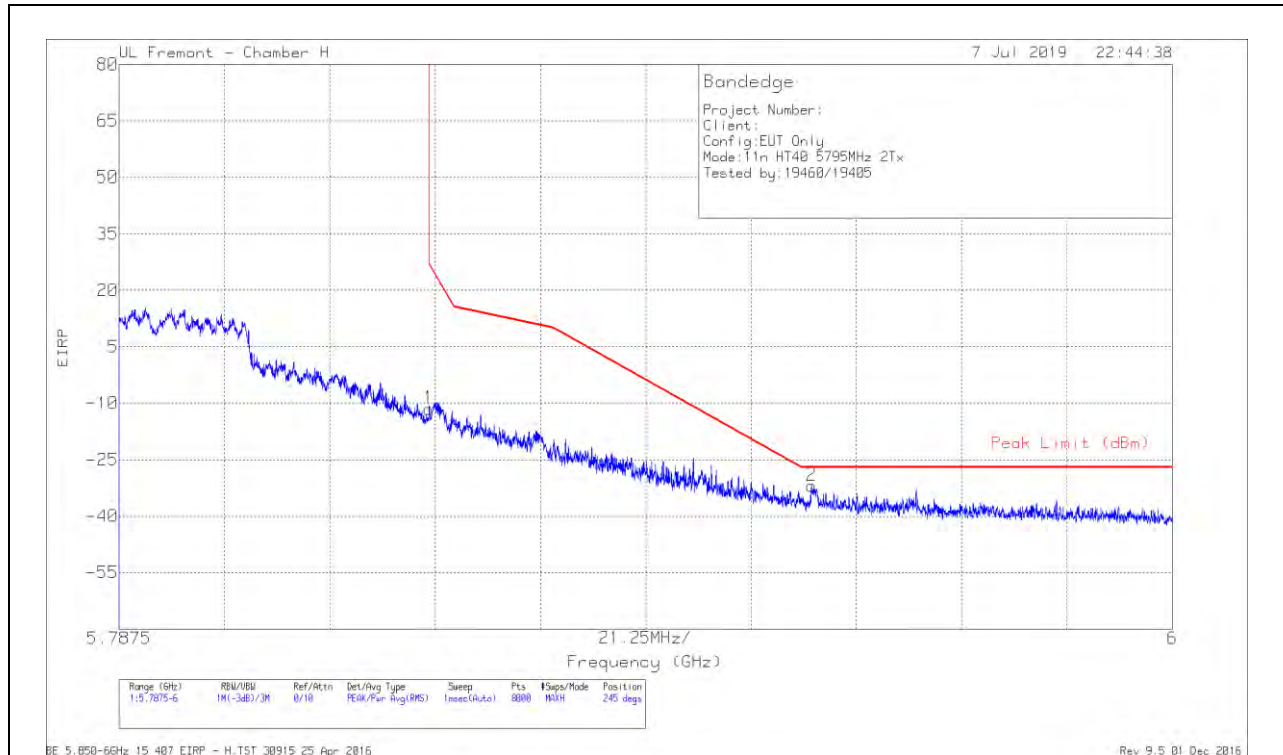


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-58.73	Pk	35.1	-20.6	11.8	0	-32.43	-27	-5.43	262	108	V
1	5.725	-29.63	Pk	35	-20.7	11.8	0	-3.53	27	-30.53	262	108	V

Pk - Peak detector

BANDEGE (HIGH CHANNEL)

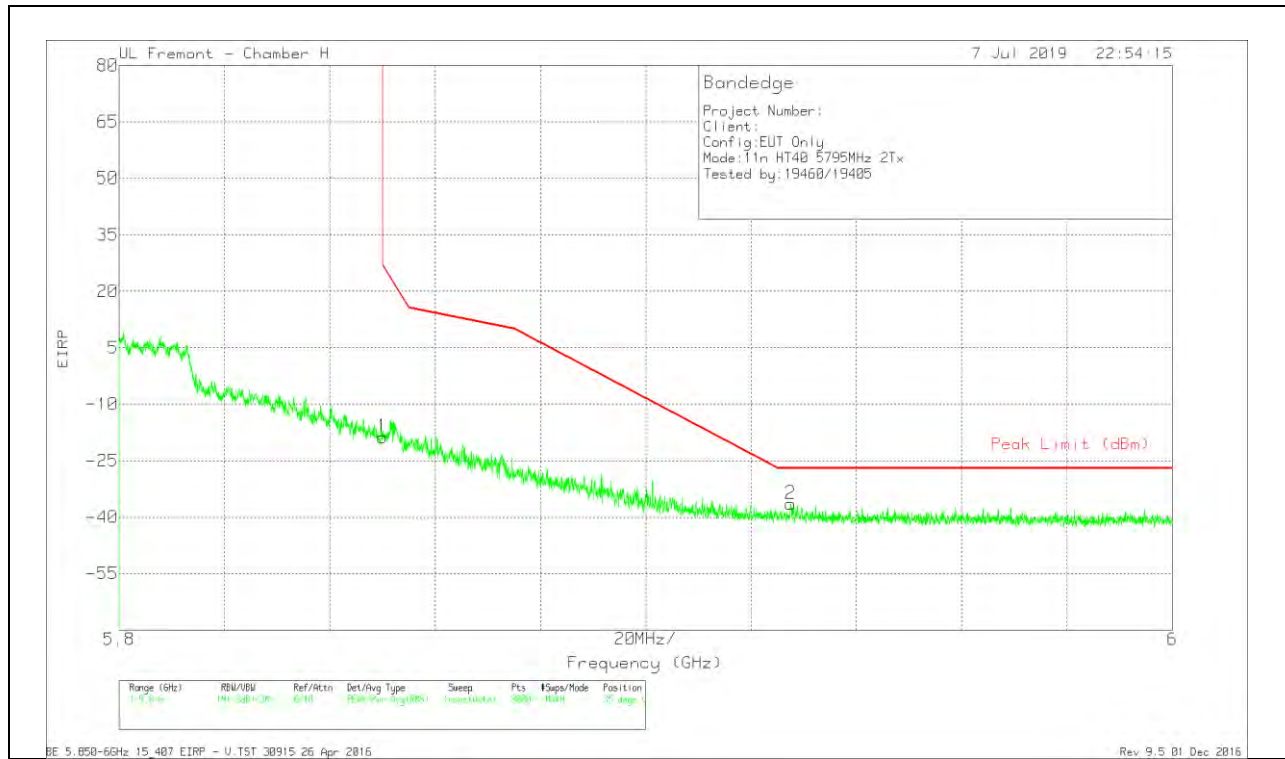
HORIZONTAL RESULT



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
1	5.85	-37.92	Pk	35	-20.4	11.8	0	-11.52	26.98	-38.5	245	277	H
2	5.927	-58.72	Pk	35.1	-20.1	11.8	0	-31.92	-27	-4.92	245	277	H

Pk - Peak detector

VERTICAL RESULT

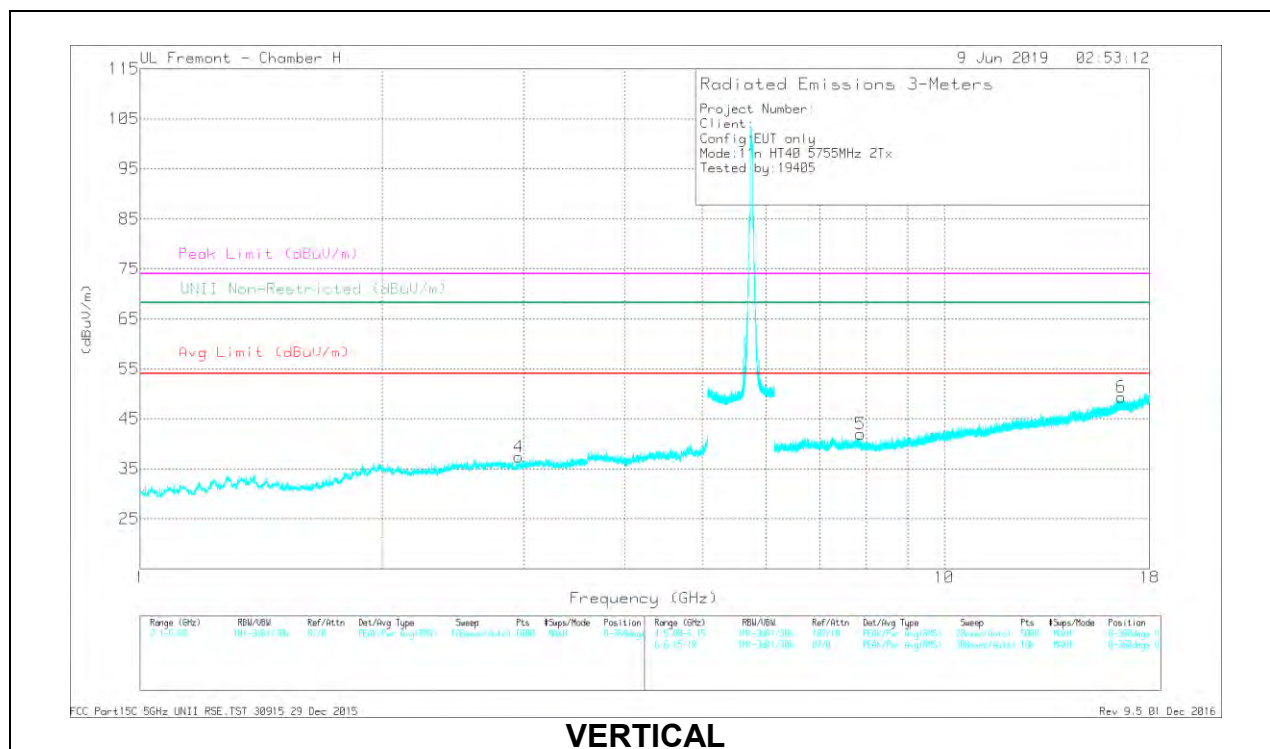
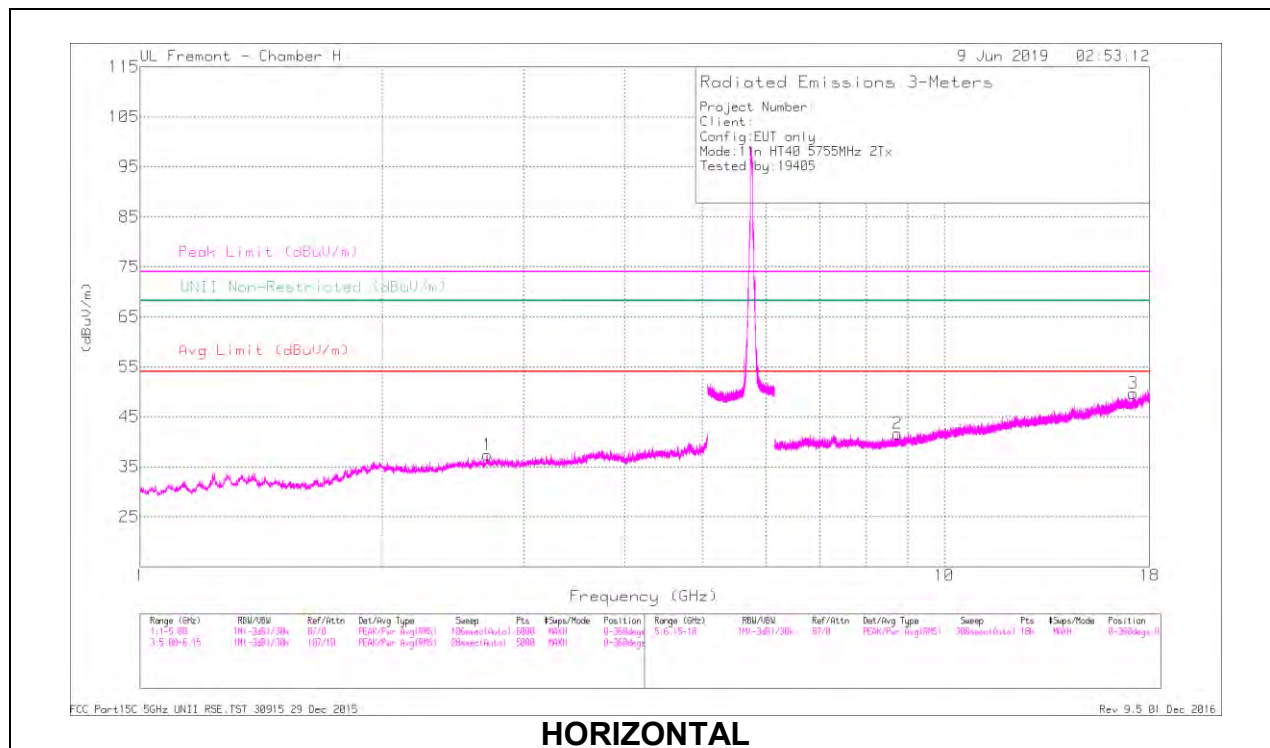


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.09	Pk	35	-20.4	11.8	0	-18.69	26.99	-45.68	35	187	V
2	5.927	-63.27	Pk	35.1	-20.1	11.8	0	-36.47	-27	-9.47	35	187	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

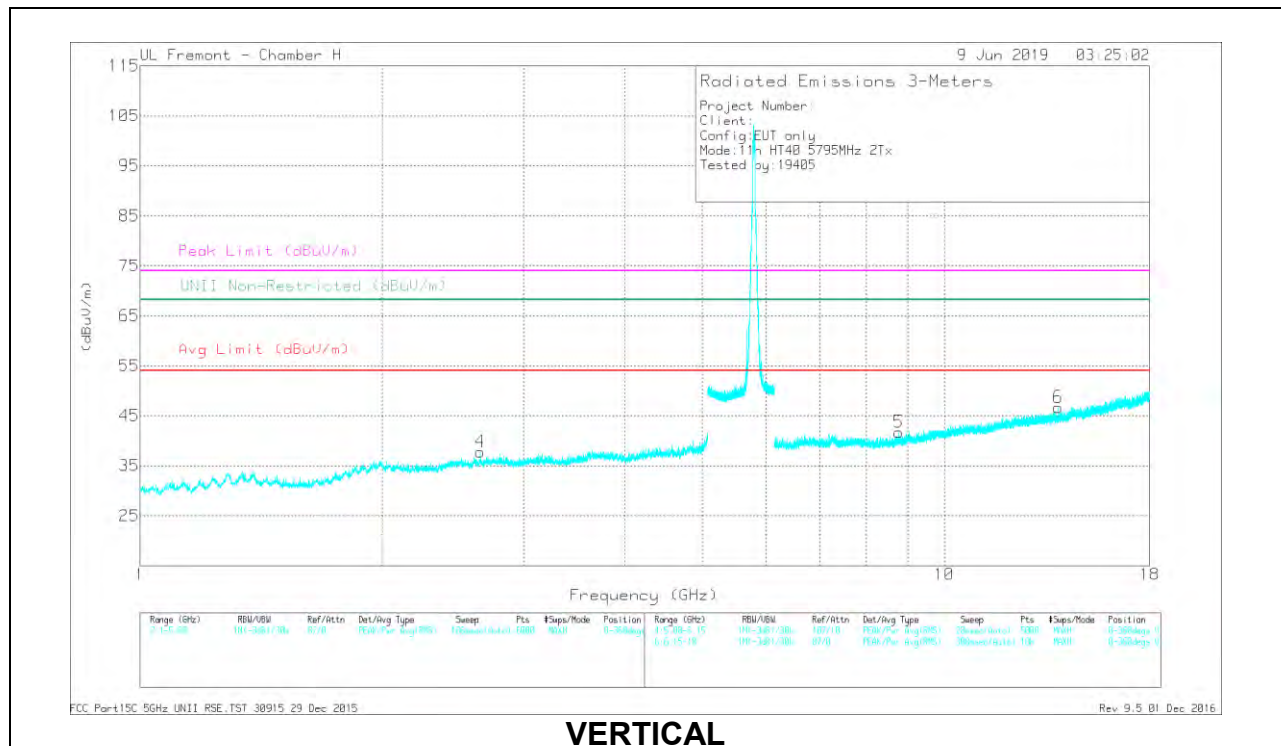
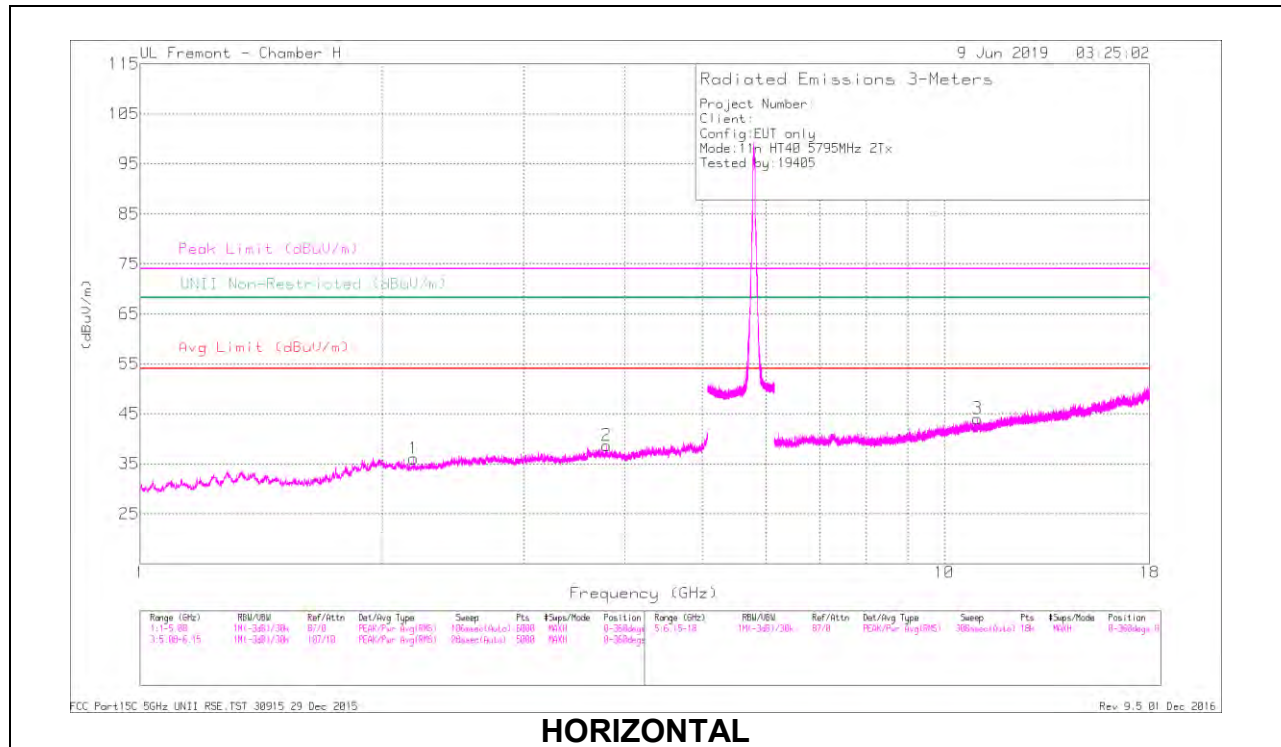
Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/CbI/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.704	43.64	PK-U	32.5	-31.6	0	44.54	-	-	74	-29.46	-	-	0	100	H
	* 2.704	31.42	ADR	32.5	-31.6	0.09	32.41	54	-21.59	-	-	-	-	0	100	H
4	2.957	42.42	PK-U	32.3	-30.6	0	44.12	-	-	-	-	68.2	-24.08	0	100	V
	2.957	30.37	ADR	32.3	-30.5	0.09	32.28	-	-	-	-	-	-	0	100	V
5	7.869	37.24	PK-U	36.2	-26.1	0	47.34	-	-	-	-	68.2	-20.86	0	100	V
	7.869	26.49	ADR	36.2	-26.1	0.09	36.68	-	-	-	-	-	-	0	100	V
2	8.753	25.92	ADR	36	-25.4	0.09	36.61	-	-	-	-	-	-	0	100	H
	8.754	36.61	PK-U	36	-25.3	0	47.31	-	-	-	-	68.2	-20.89	0	100	H
6	16.594	35.42	PK-U	41.7	-22	0	55.12	-	-	-	-	68.2	-13.08	0	100	V
	16.594	24.16	ADR	41.7	-22	0.09	43.95	-	-	-	-	-	-	0	100	V
3	17.186	35.03	PK-U	41.2	-20.5	0	55.73	-	-	-	-	68.2	-12.47	0	100	H
	17.186	23.88	ADR	41.2	-20.5	0.09	44.67	-	-	-	-	-	-	0	100	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T136 (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
2	* 3.801	42.26	PK-U	33.5	-30.8	0	44.96	-	-	74	-29.04	-	-	0	100	H
	* 3.803	30.6	ADR	33.5	-30.8	0.09	33.39	54	-20.61	-	-	-	-	0	100	H
3	* 10.996	35.77	PK-U	37.8	-23.6	0	49.97	-	-	74	-24.03	-	-	0	100	H
	* 10.997	24.74	ADR	37.8	-23.6	0.09	39.03	54	-14.97	-	-	-	-	0	100	H
1	2.187	43.72	PK-U	31.2	-31.9	0	43.02	-	-	-	-	68.2	-25.18	0	100	H
	2.187	31.55	ADR	31.2	-31.9	0.09	30.94	-	-	-	-	-	-	0	100	H
4	2.647	31.19	ADR	32.6	-31.3	0.09	32.58	-	-	-	-	-	-	0	100	V
	2.649	42.99	PK-U	32.6	-31.3	0	44.29	-	-	-	-	68.2	-23.91	0	100	V
5	8.781	37.05	PK-U	36	-25.2	0	47.85	-	-	-	-	68.2	-20.35	0	100	V
	8.782	25.82	ADR	36.1	-25.2	0.09	36.81	-	-	-	-	-	-	0	100	V
6	13.855	24.61	ADR	39.1	-22.7	0.09	41.10	-	-	-	-	-	-	0	100	V
	13.856	35.87	PK-U	39.1	-22.7	0	52.27	-	-	-	-	68.2	-15.93	0	100	V

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

PK-U - U-NII: Maximum Peak

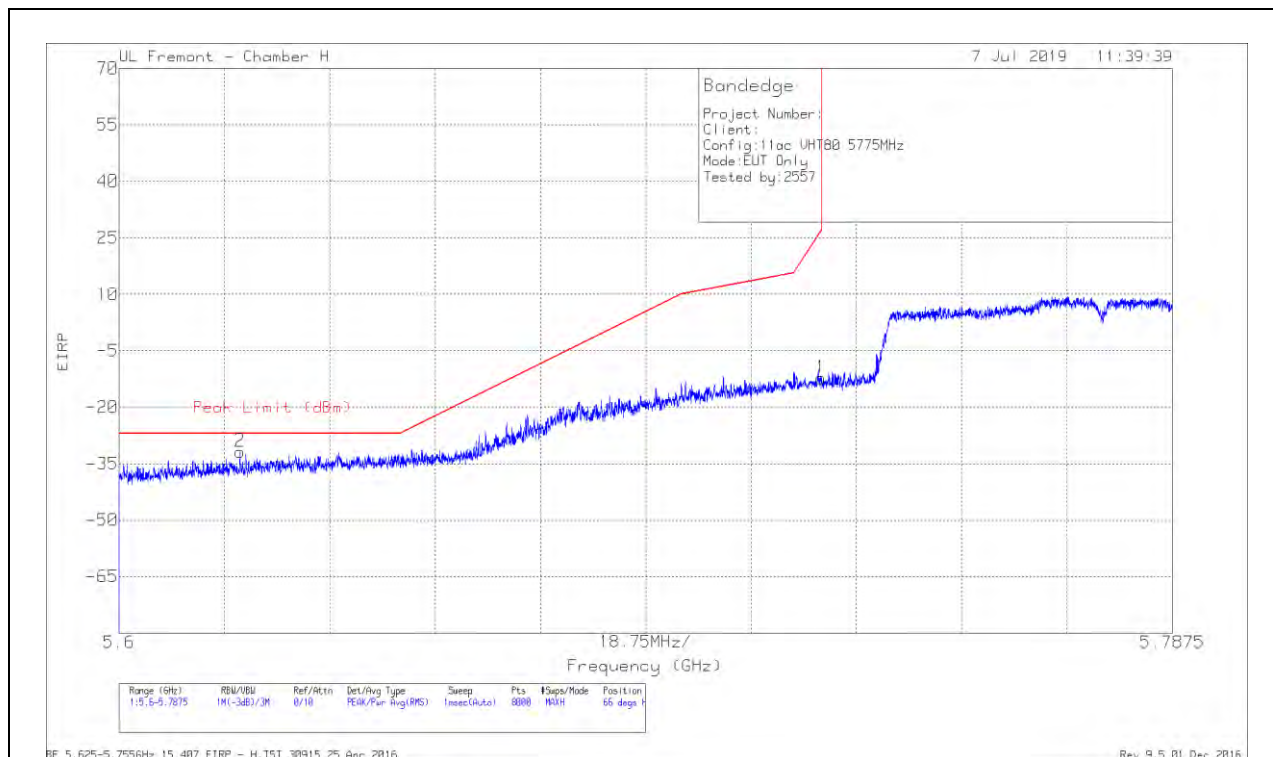
ADR - U-NII AD primary method, RMS average

1.1.21. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

1TX Antenna 6 MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

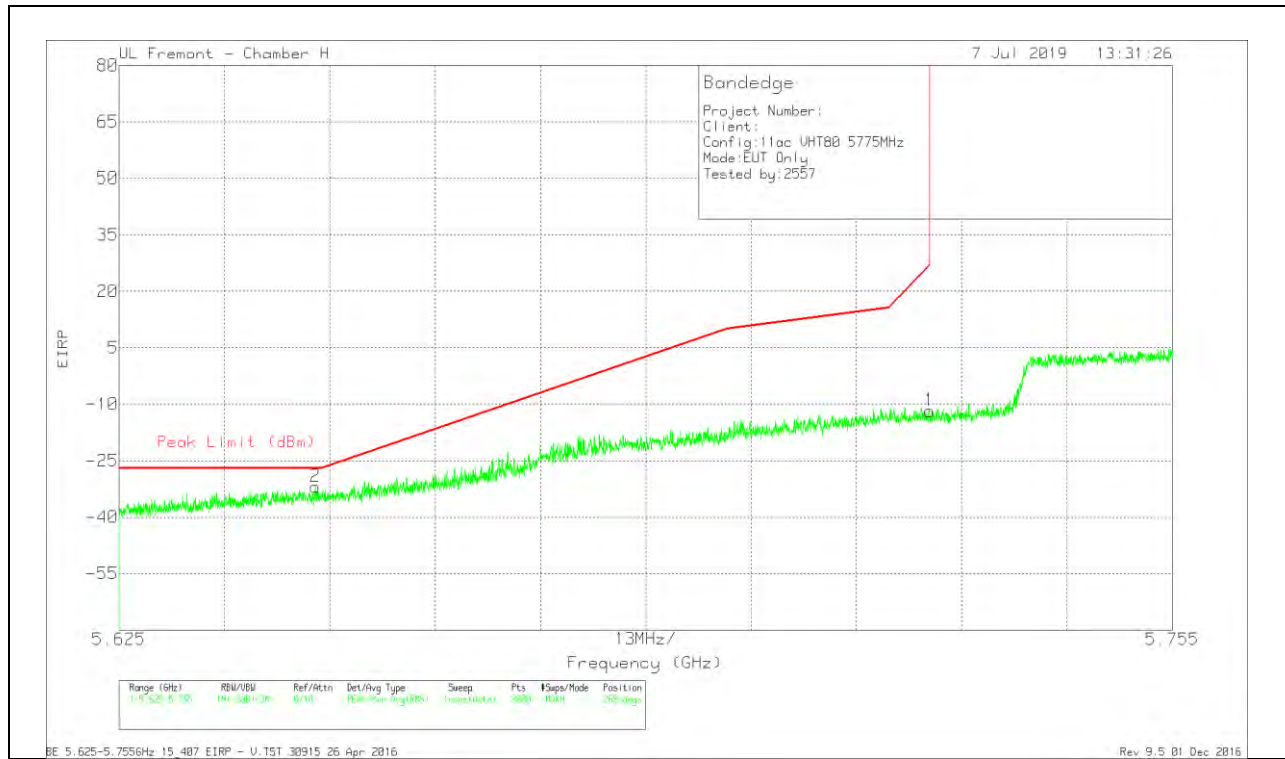
HORIZONTAL RESULT



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	5.622	-58.12	Pk	35.1	-20.6	11.8	0	-31.82	-27	-4.82	66	158	H
1	5.725	-38.33	Pk	35	-20.7	11.8	0	-12.23	26.96	-39.19	66	158	H

Pk - Peak detector

VERTICAL RESULT

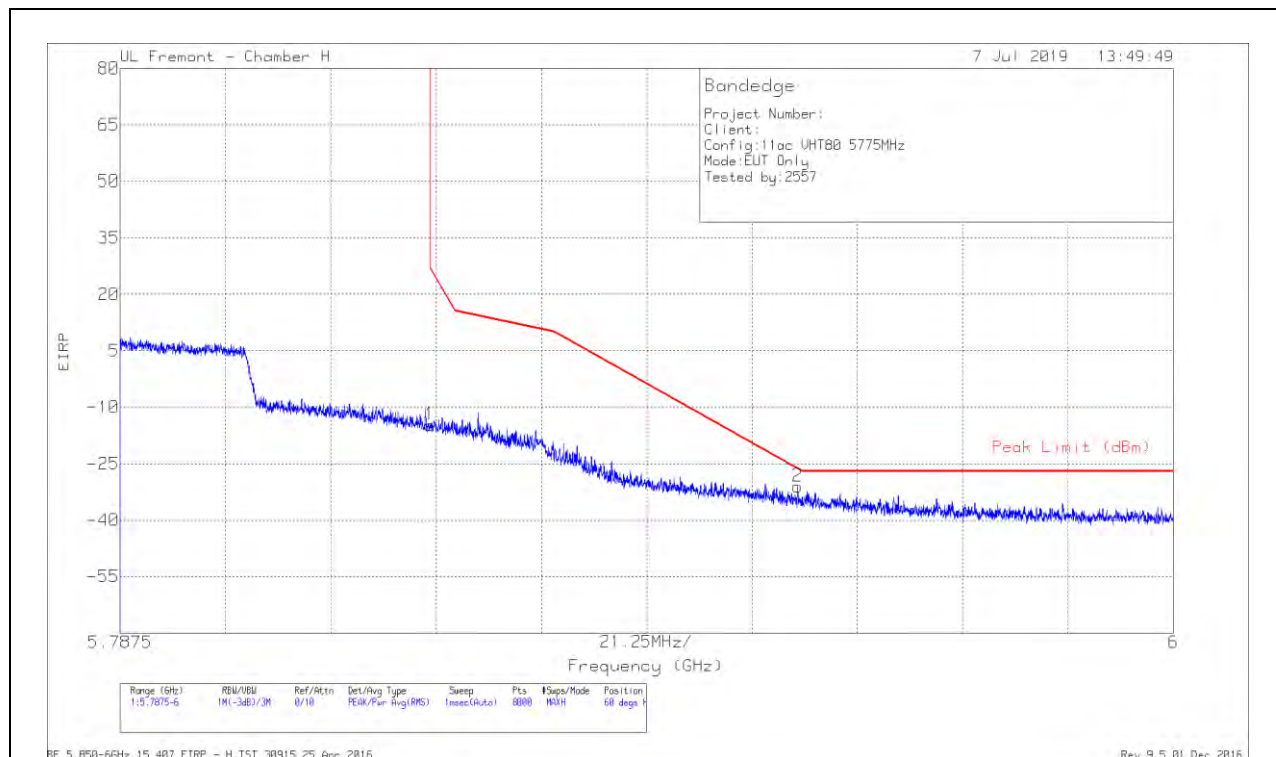


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-58.26	Pk	35.1	-20.6	11.8	0	-31.96	-27	-4.96	268	252	V
1	5.725	-37.89	Pk	35	-20.7	11.8	0	-11.79	27	-38.79	268	252	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

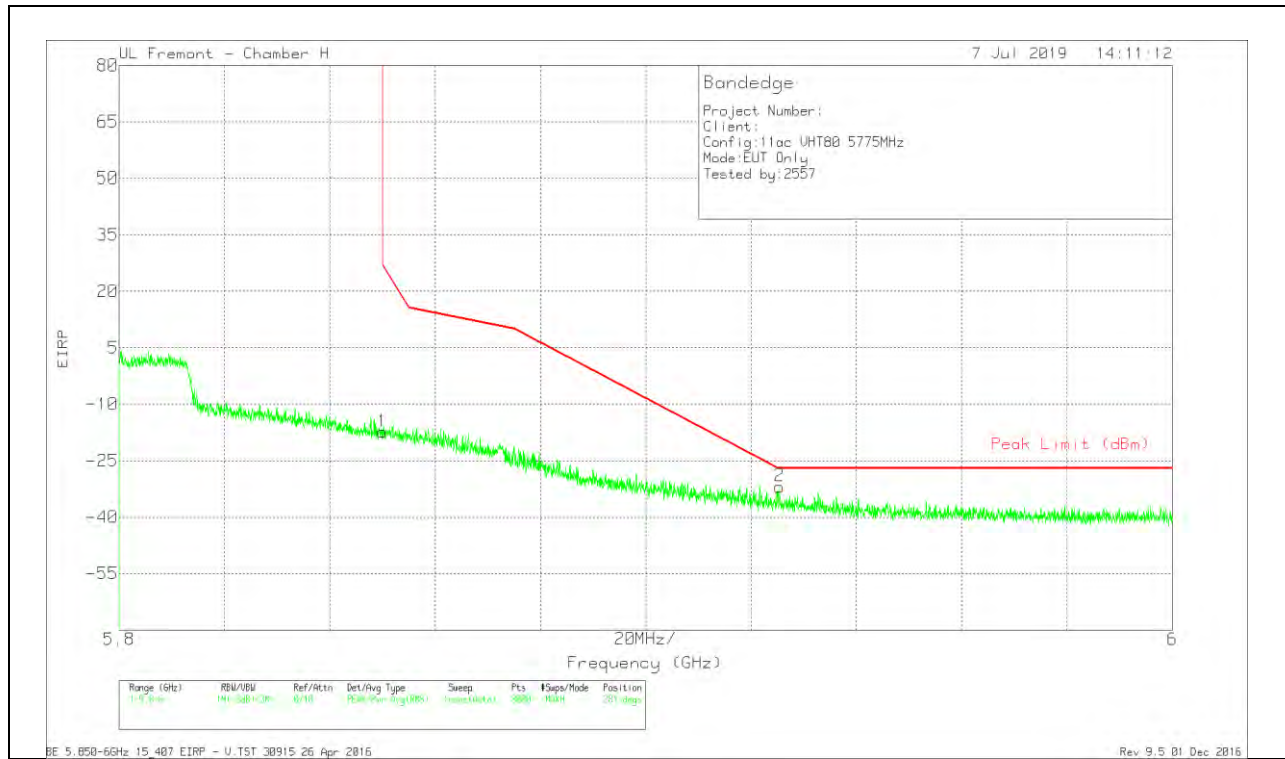
HORIZONTAL RESULT



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
1	5.85	-41.13	Pk	35	-20.4	11.8	0	-14.73	26.98	-41.71	60	104	H
2	5.924	-57.75	Pk	35.1	-20.2	11.8	0	-31.05	-26.38	-4.67	60	104	H

Pk - Peak detector

VERTICAL RESULT



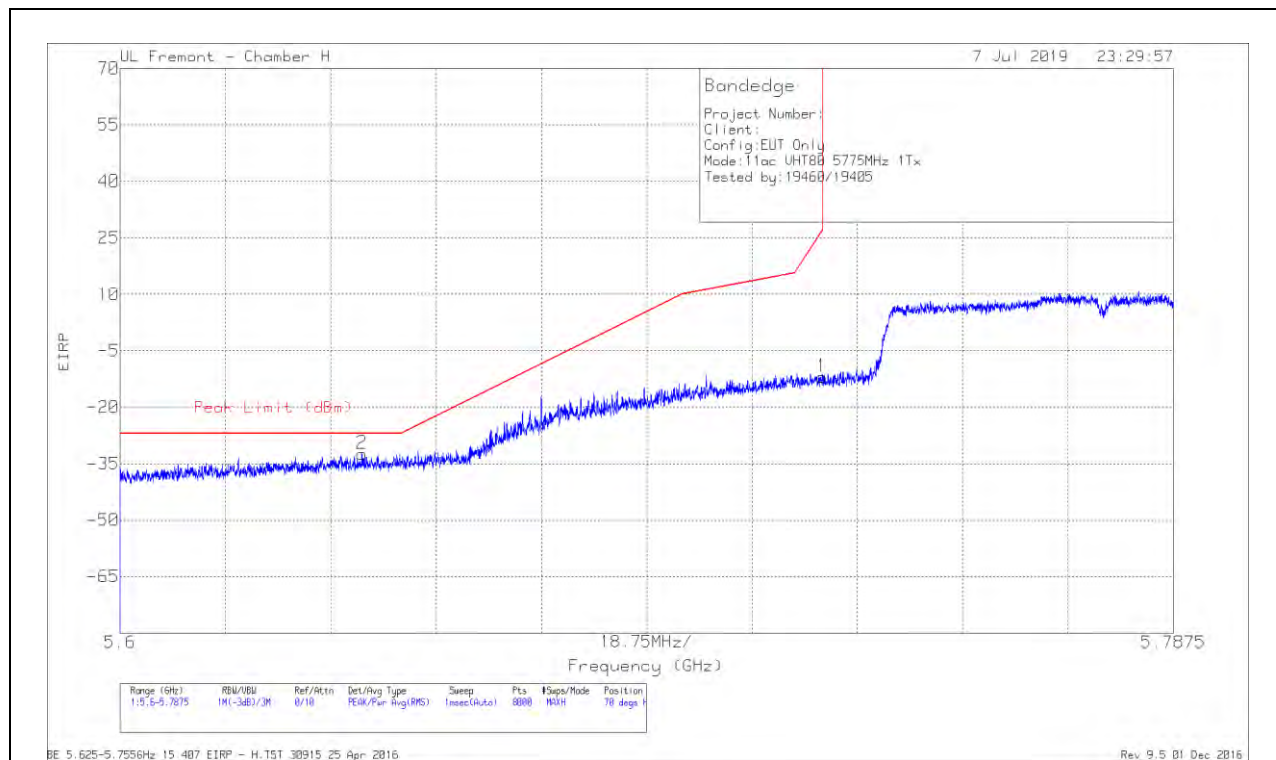
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-43.76	Pk	35	-20.4	11.8	0	-17.36	26.99	-44.35	281	285	V
2	5.925	-58.58	Pk	35.1	-20.2	11.8	0	-31.88	-27	-4.88	281	285	V

Pk - Peak detector

1TX Antenna 5 MODE

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	5.643	-58.72	Pk	35.2	-20.6	11.8	0	-32.32	-27	-5.32	70	163	H
1	5.725	-38.01	Pk	35	-20.7	11.8	0	-11.91	26.96	-38.87	70	163	H

Pk - Peak detector

UL Fremont - Chamber H

7 Jul 2019 23:41:52

Bandedge

Project Number:
Client:
Config: EUT Only
Mode: 1 fac UHT88 5775MHz 1Tx
Tested by: 1946B/19485

Peak Limit (dBm)

EIRP

Frequency (GHz)

13MHz/

Range (GHz)	RBW/VBW	Ref/Antn	Det/Avg Type	Sweep	Pts	Steps/Mode	Position
1.5525-5.755	1MHz/100kHz	0/10	Peak/Average (RMS)	Linear/Linear	5000	Linear	0 deg

BE 5.625-5.755GHz 15.407 EIRP - U.TST 30915 26 Apr 2016

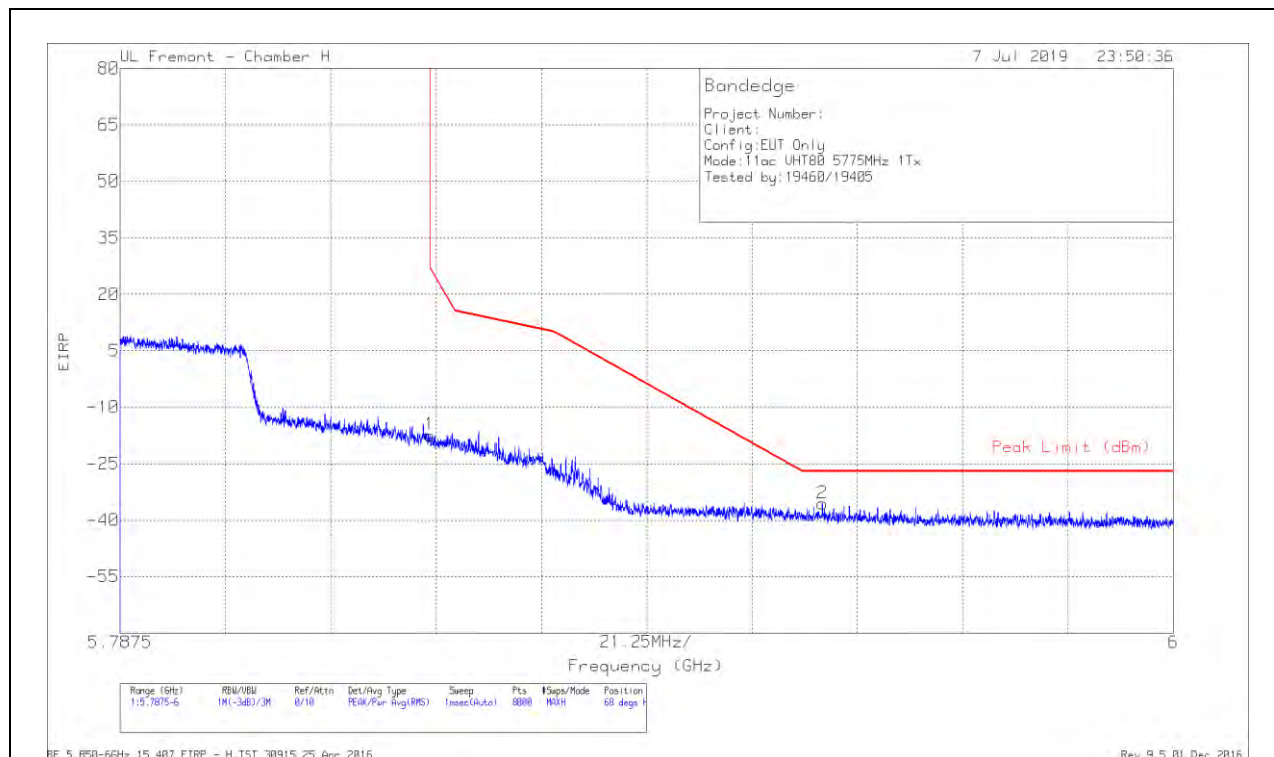
Rev 9.5 01 Dec 2016

Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/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	5.65	-61.79	Pk	35.1	-20.6	11.8	0	-35.49	-26.79	-8.7	95	117	V
1	5.725	-45.65	Pk	35	-20.7	11.8	0	-19.55	27	-46.55	95	117	V

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BANDEDGE (CHANNEL 155 HIGH 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
1	5.85	-43.83	Pk	35	-20.4	11.8	0	-17.43	26.98	-44.41	68	167	H
2	5.929	-62.37	Pk	35.1	-20.1	11.8	0	-35.57	-27	-8.57	68	167	H

Pk - Peak detector

UL Fremont - Chamber H

8 Jul 2019 00:00:10

Bandedge

Project Number:

Client:

Config: EUT Only

Mode: 11ac UHT80 5775MHz 1Tx

Tested by: 19460/19405

EIRP

Peak Limit (dBm)

Frequency (GHz)

20MHz/

Range (GHz) 5.8 6

RBW/VBW 1MHz/100kHz

Ref/Alt'n G/10

Det/Avg Type Peak/Avg (URS)

Sweep 100ms/UHT80

Pts 2000

Steps/Mode 1000

Position 40 deg

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

Rev 9.5 01 Dec 2015

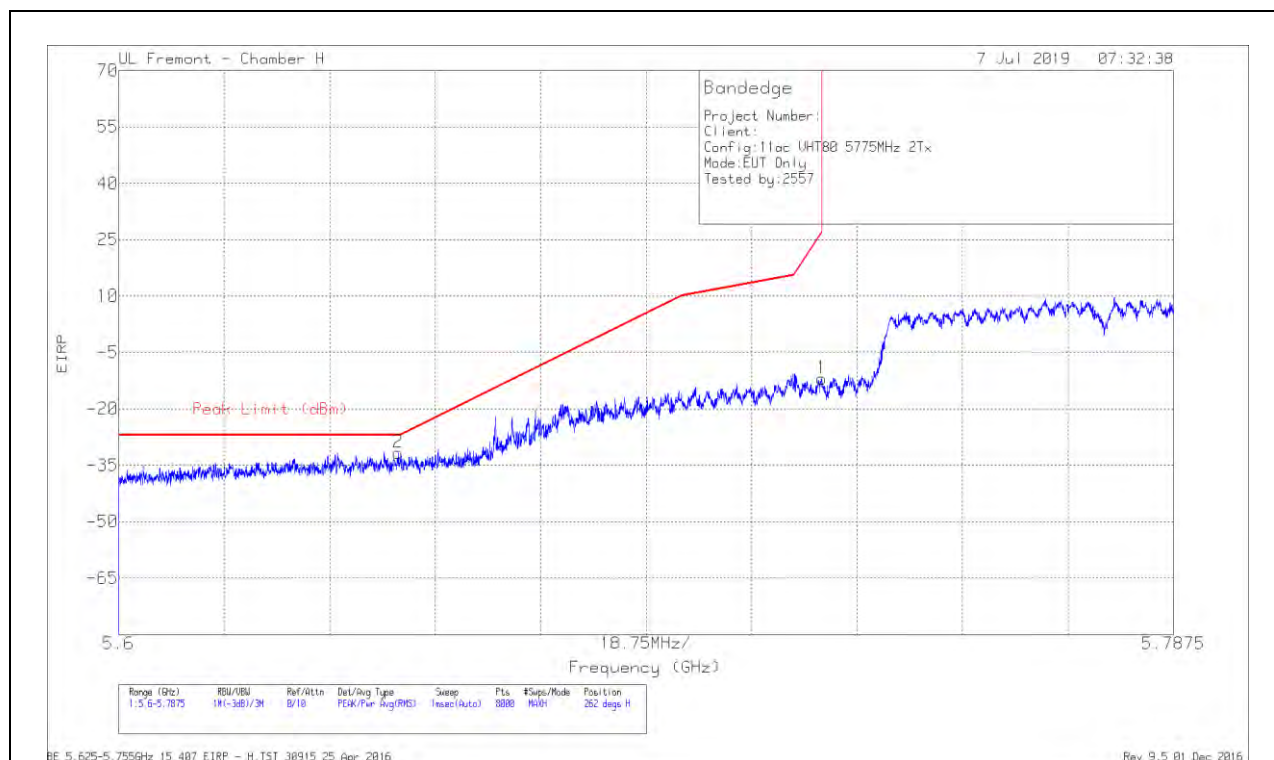
Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.45	Pk	35	-20.4	11.8	0	-25.05	26.99	-52.04	96	122	V
2	5.935	-63.97	Pk	35.1	-20.2	11.8	0	-37.27	-27	-10.27	96	122	V

Page 378 of 492

2TX Antenna 6 + Antenna 5 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

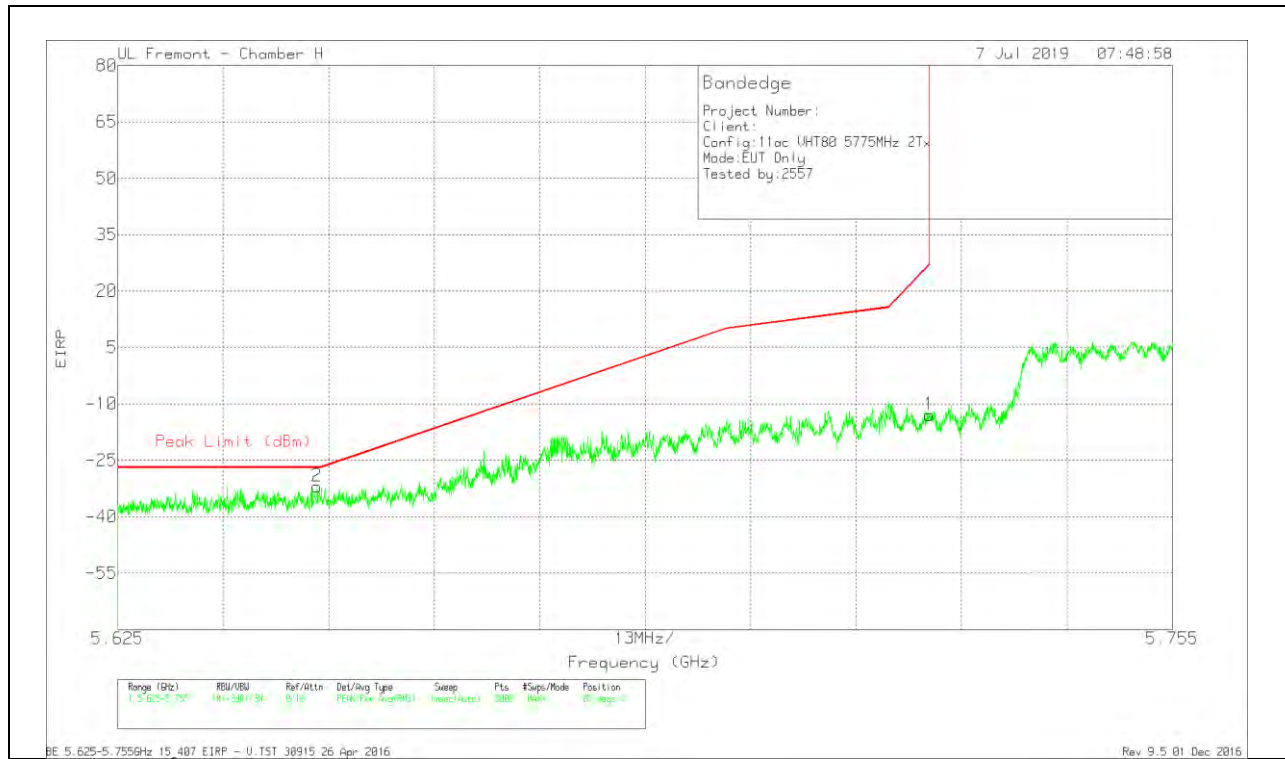
HORIZONTAL RESULT



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	-57.86	Pk	35.1	-20.6	11.8	0	-31.56	-27	-4.56	262	118	H
1	5.725	-38.02	Pk	35	-20.7	11.8	0	-11.92	26.96	-38.88	262	118	H

Pk - Peak detector

VERTICAL RESULT

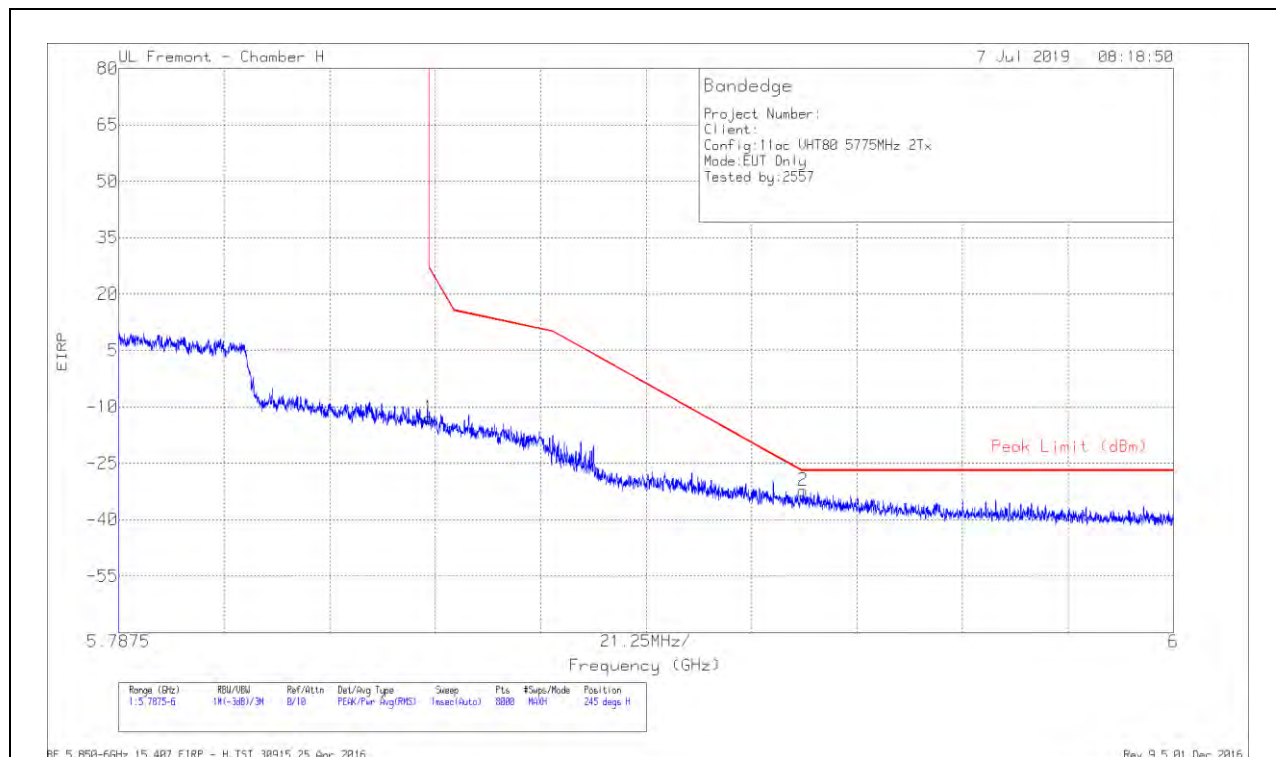


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-58.31	Pk	35.1	-20.6	11.8	0	-32.01	-27	-5.01	88	127	V
1	5.725	-39.09	Pk	35	-20.7	11.8	0	-12.99	27	-39.99	88	127	V

Pk - Peak detector

BANDEGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL 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
1	5.85	-39.37	Pk	35	-20.4	11.8	0	-12.97	26.98	-39.95	245	108	H
2	5.925	-58.97	Pk	35.1	-20.2	11.8	0	-32.27	-27	-5.27	245	108	H

Pk - Peak detector

UL Fremont - Chamber H

7 Jul 2019 08:38:17

Bandedge

Project Number:

Client:

Config: 11ac UHT80 5775MHz 2Tx

Mode: EUT Only

Tested by: 2557

EIRP

Peak Limit (dBm)

Frequency (GHz)

20MHz/

Range (GHz)	Ref/Att	Def/Avg Type	Swamp	Pts	#Samps/Mode	Position
1.570-2	0.16	PEAK/Freq (avg/RMS)	1 (noise floor)	32768	16384	07 steps

BE 5.850-6GHz 15 407 EIRP - U.TST 30915 26 Apr 2016

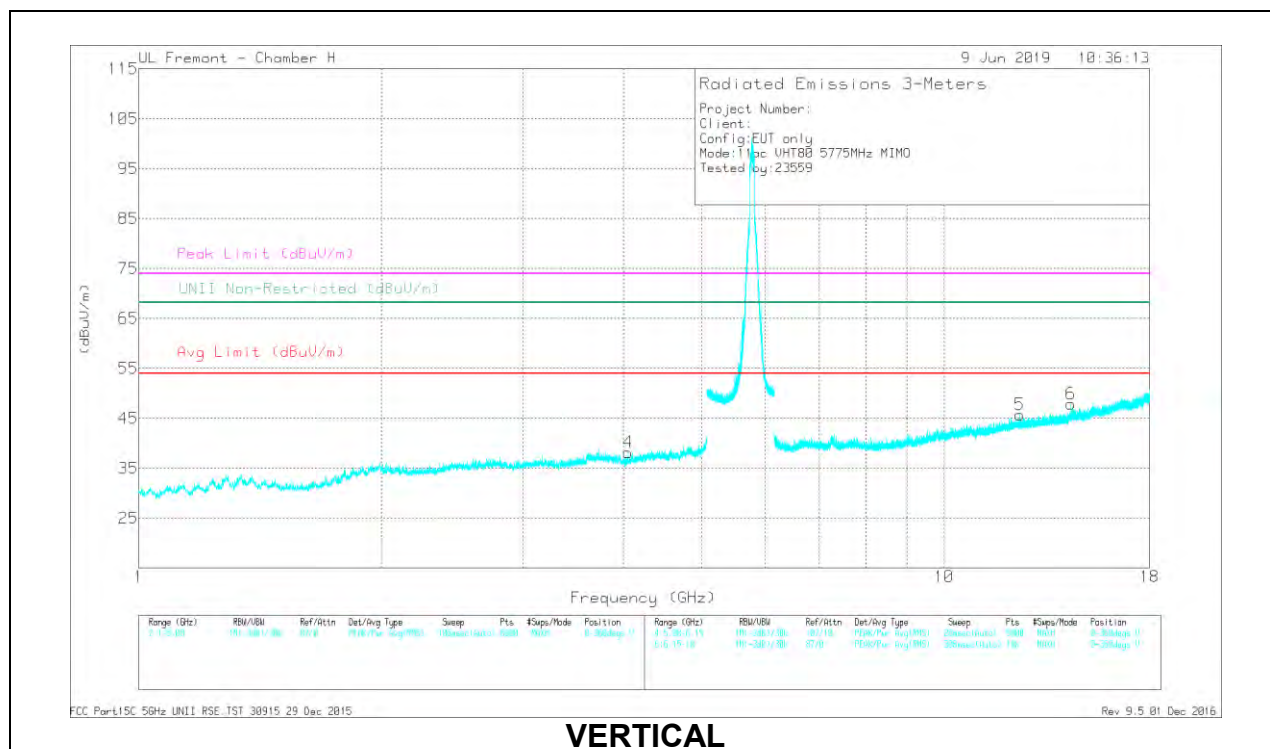
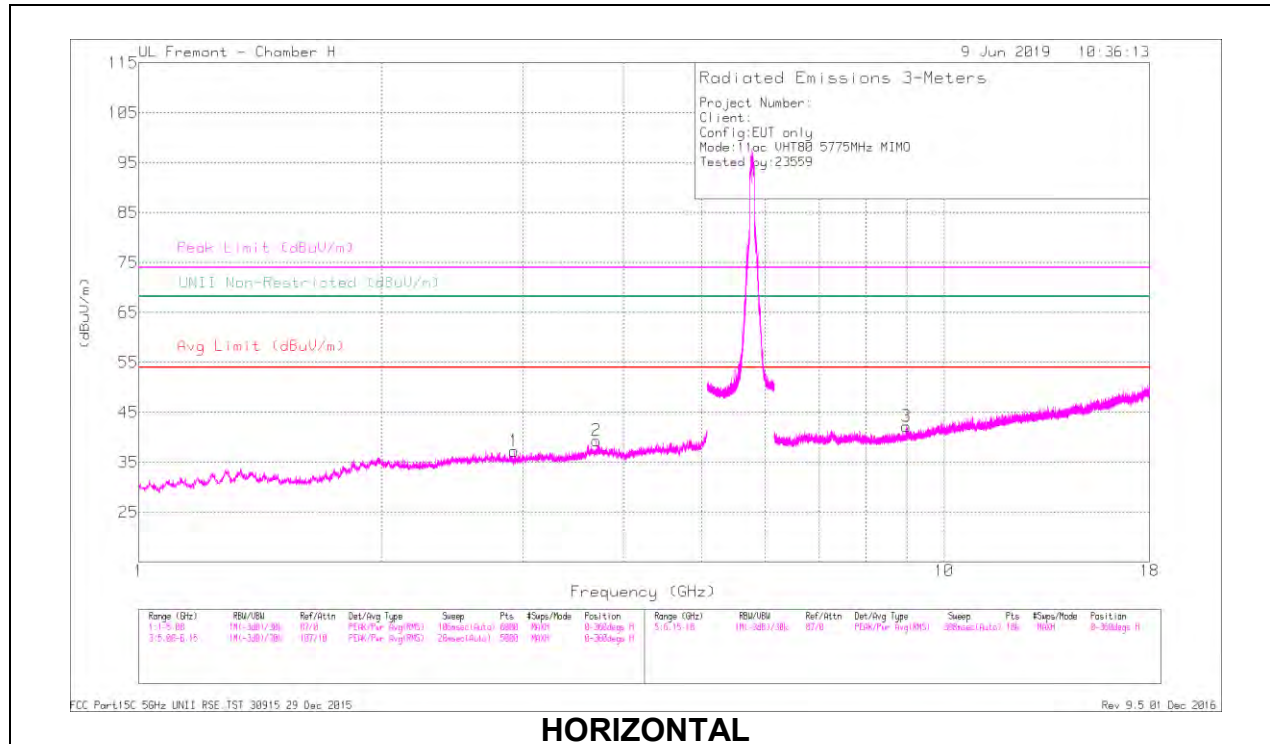
Rev 9.5 01 Dec 2015

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	-39.02	Pk	35	-20.4	11.8	0	-12.62	26.99	-39.61	87	113	V
2	5.925	-58.63	Pk	35.1	-20.2	11.8	0	-31.93	-26.88	-5.05	87	113	V

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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
2	* 3.704	41.41	PK-U	33.1	-30.7	0	43.81	-	-	74	-30.19	-	-	178	224	H
	* 3.702	30.46	ADR	33.1	-30.7	0.19	33.05	54	-20.95	-	-	-	-	178	224	H
4	* 4.051	41.3	PK-U	33.2	-30.7	0	43.8	-	-	74	-30.2	-	-	265	278	V
	* 4.053	30.19	ADR	33.3	-30.7	0.19	32.98	54	-21.02	-	-	-	-	265	278	V
5	* 12.422	35.9	PK-U	39.2	-23.8	0	51.3	-	-	74	-22.7	-	-	228	299	V
	* 12.424	25.01	ADR	39.2	-23.8	0.19	40.60	54	-13.40	-	-	-	-	228	299	V
1	2.924	41.76	PK-U	32.3	-30.8	0	43.26	-	-	-	-	68.2	-24.94	102	156	H
3	8.983	37.05	PK-U	36.2	-25.3	0	47.95	-	-	-	-	68.2	-20.25	332	368	H
6	14.377	36.05	PK-U	39.7	-22.3	0	53.45	-	-	-	-	68.2	-14.75	330	231	V

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

PK-U - U-NII: Maximum Peak

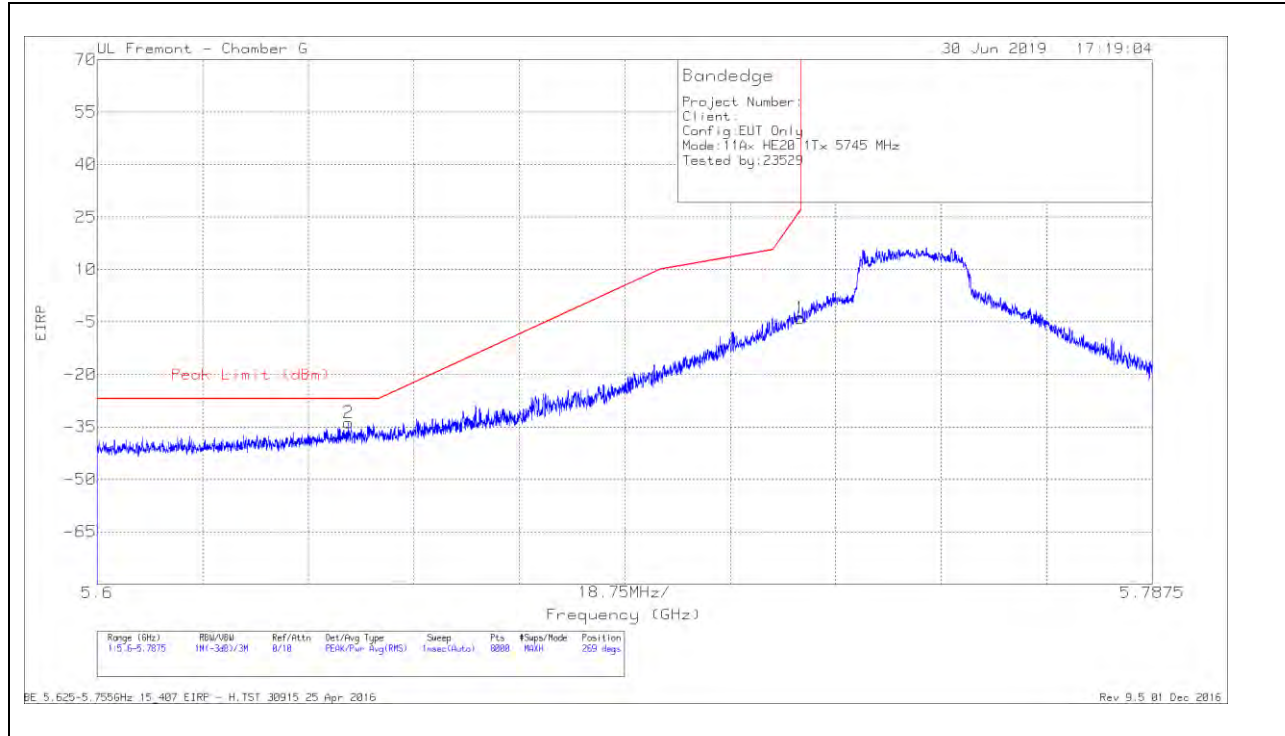
ADR - U-NII AD primary method, RMS average

1.1.22. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 5.8 GHz BAND

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



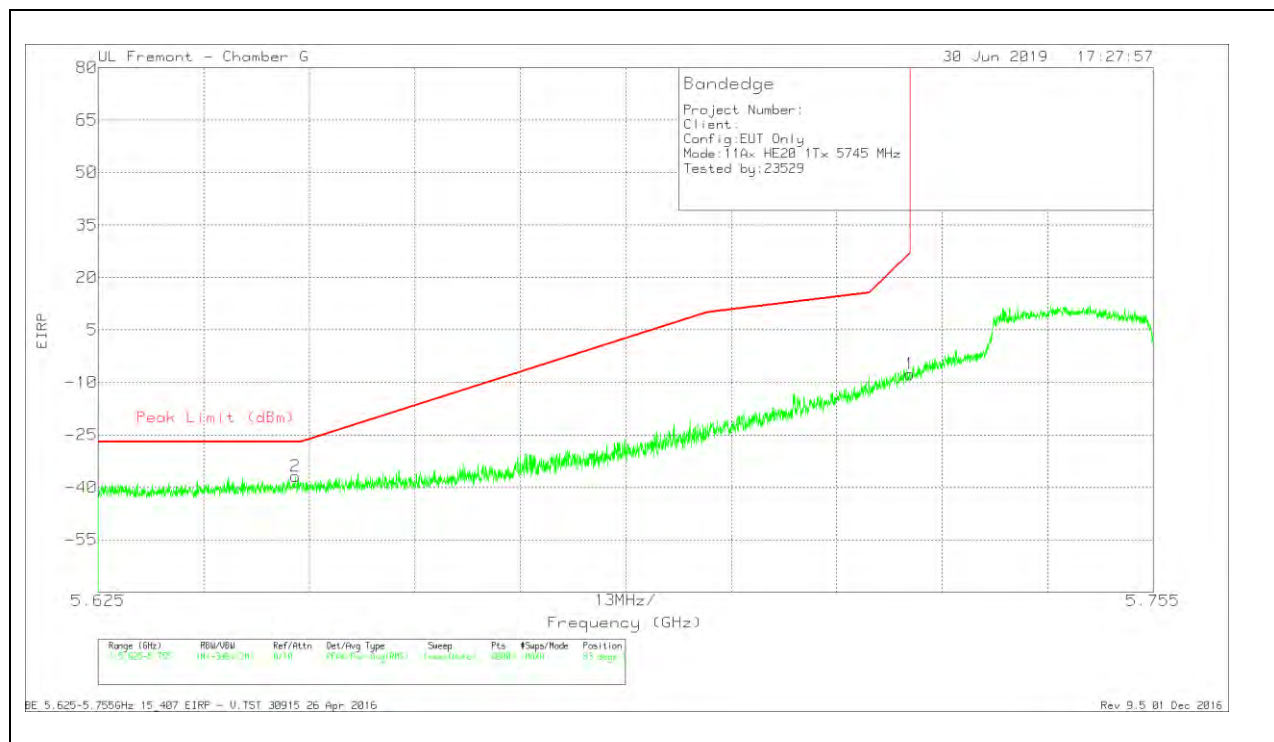
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-60.41	Pk	35	-20.2	11.8	0	-33.81	-27	-6.81	269	242	H
1	5.725	-30.83	Pk	35.1	-20	11.8	0	-3.93	26.96	-30.89	269	242	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 T120 (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	-63.35	Pk	34.9	-20.2	11.8	0	-36.85	-27	-9.85	83	148	V
1	5.725	-34.51	Pk	35.1	-20	11.8	0	-7.61	27	-34.61	83	148	V

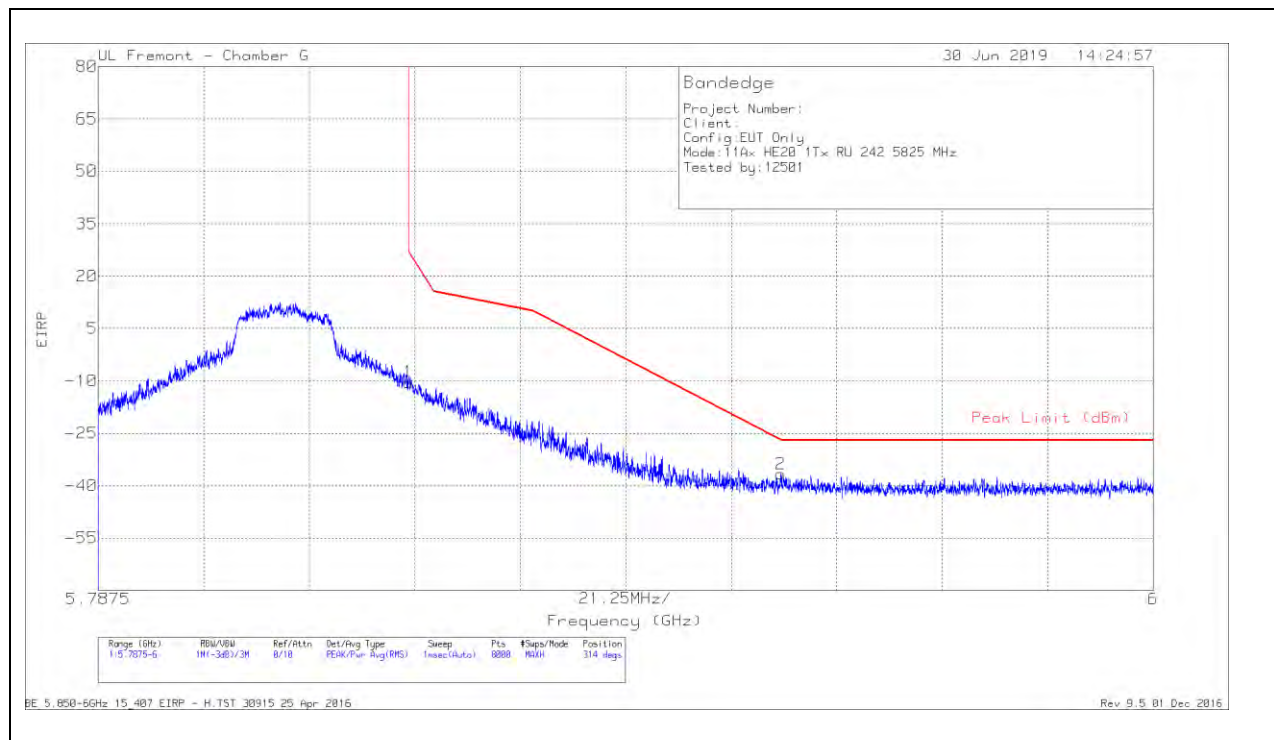
Pk - Peak detector

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

Rev 9.5 01 Dec 2016

BANEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (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
1	5.85	-37.72	Pk	35.4	-19.9	11.8	0	-10.42	26.98	-37.4	314	146	H
2	5.925	-63.78	Pk	35.5	-20.2	11.8	0	-36.68	-26.95	-9.73	314	146	H

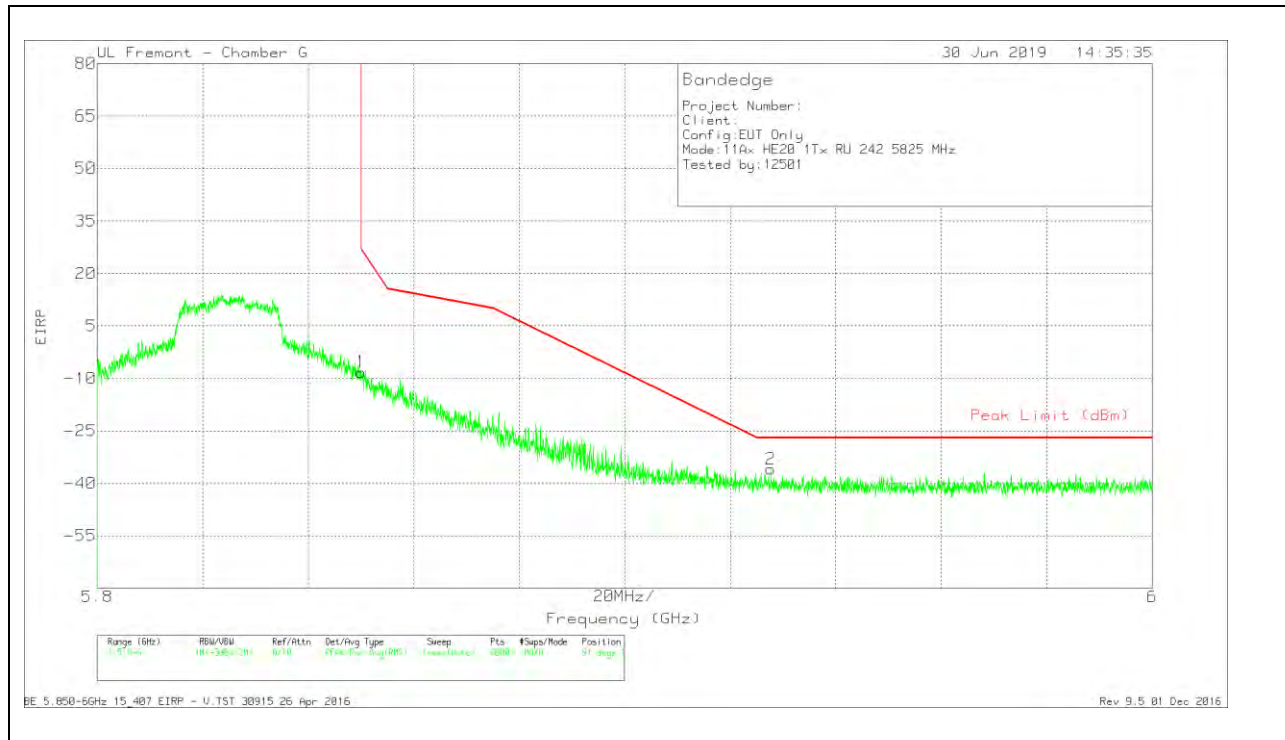
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

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

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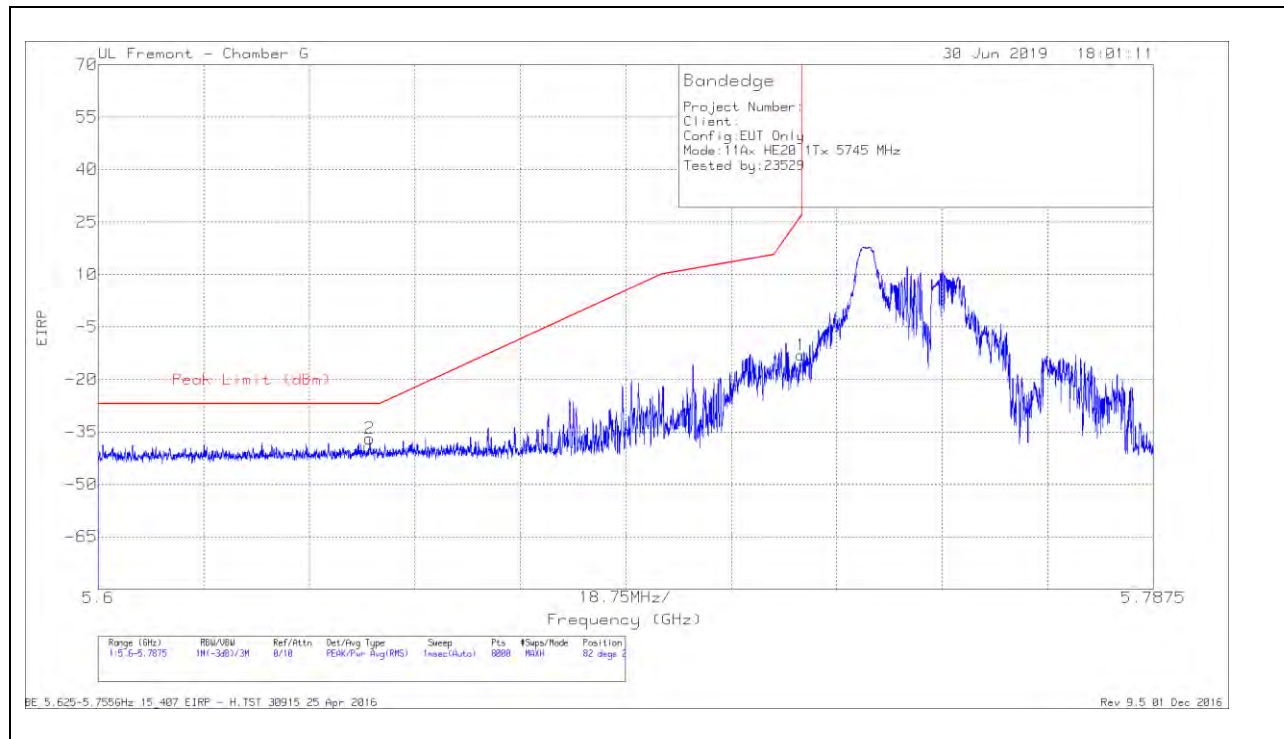
VERTICAL RESULT



Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T120 (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	-35.55	Pk	35.4	-19.9	11.8	0	-8.25	26.99	-35.24	91	126	V
2	5.928	-63.04	Pk	35.5	-20.2	11.8	0	-35.94	-27	-8.94	91	126	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 6 MODE – 26 Tones, RU Index 0**BANEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

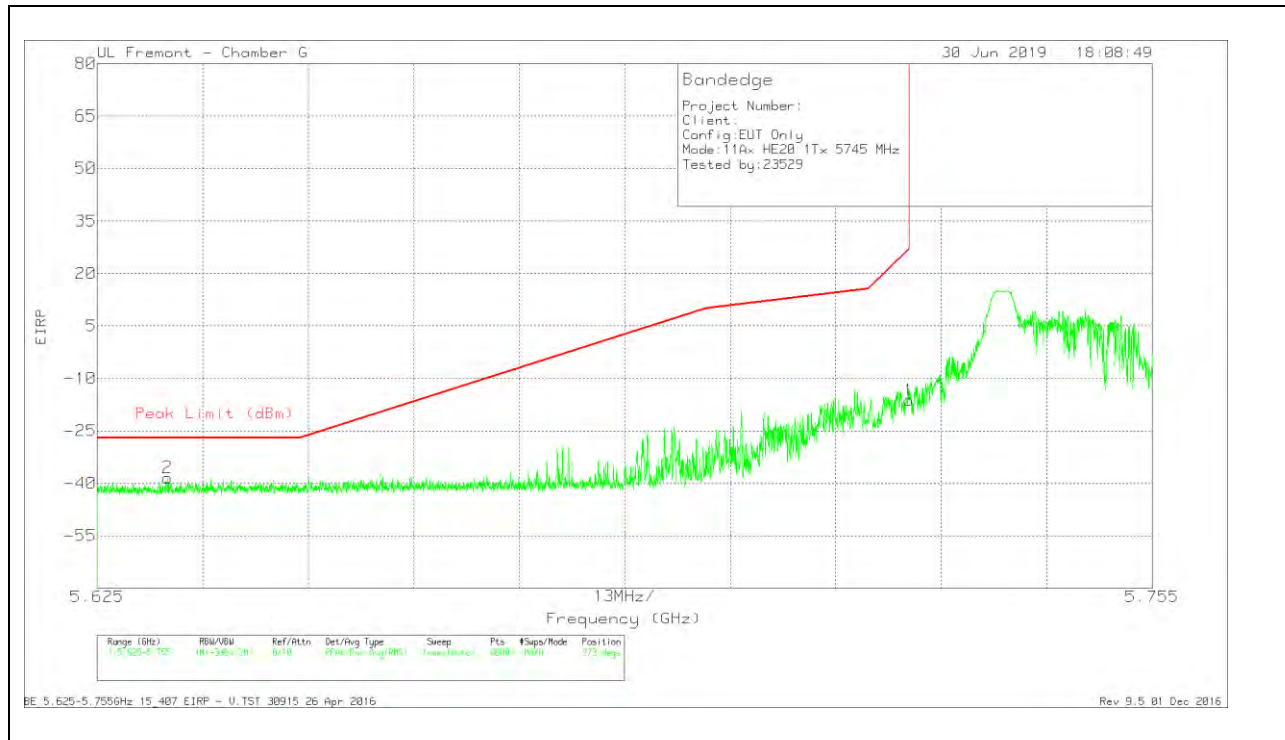
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-63.55	Pk	35	-20.2	11.8	0	-36.95	-27	-9.95	82	208	H
1	5.725	-39.97	Pk	35.1	-20	11.8	0	-13.07	26.96	-40.03	82	208	H

Pk - Peak detector

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

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VERTICAL RESULT

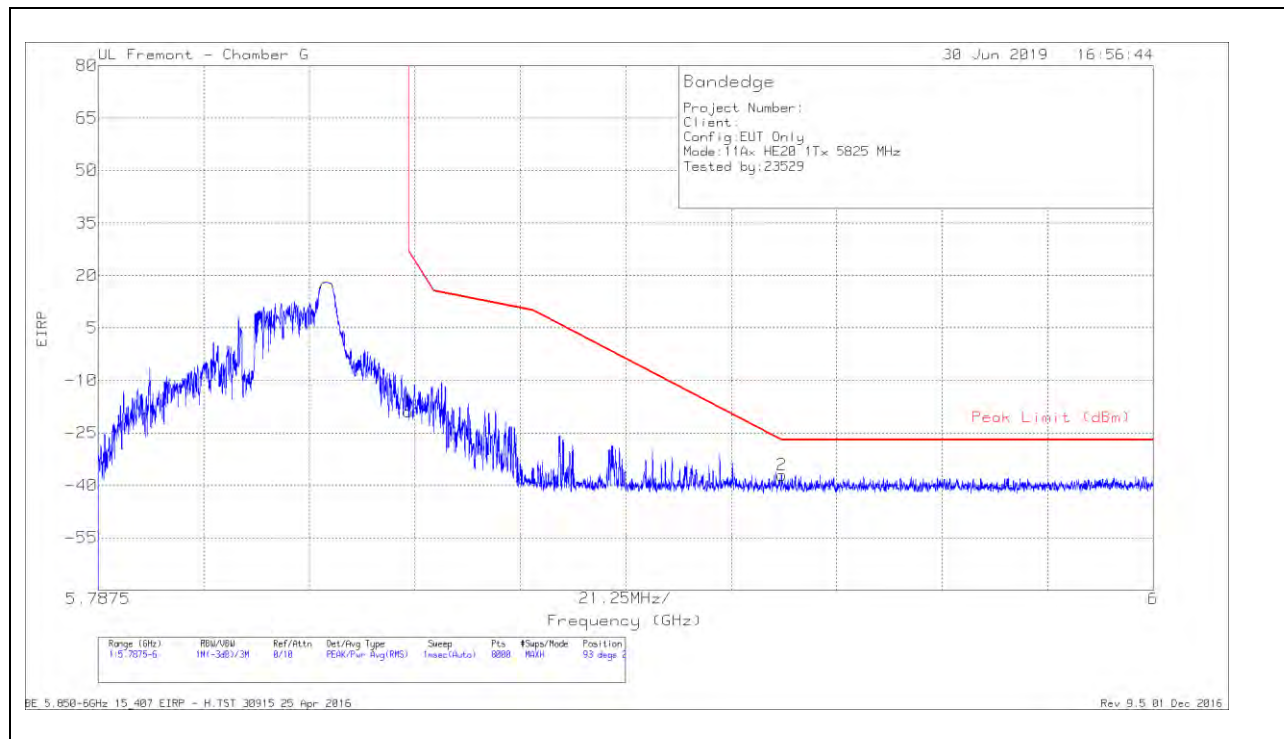


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.634	-64.91	Pk	34.9	-20.2	11.8	0	-38.41	-27	-11.41	273	176	V
1	5.725	-43.15	Pk	35.1	-20	11.8	0	-16.25	27	-43.25	273	176	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 8**BANDEDGE (HIGH CHANNEL)****HORIZONTAL RESULT**

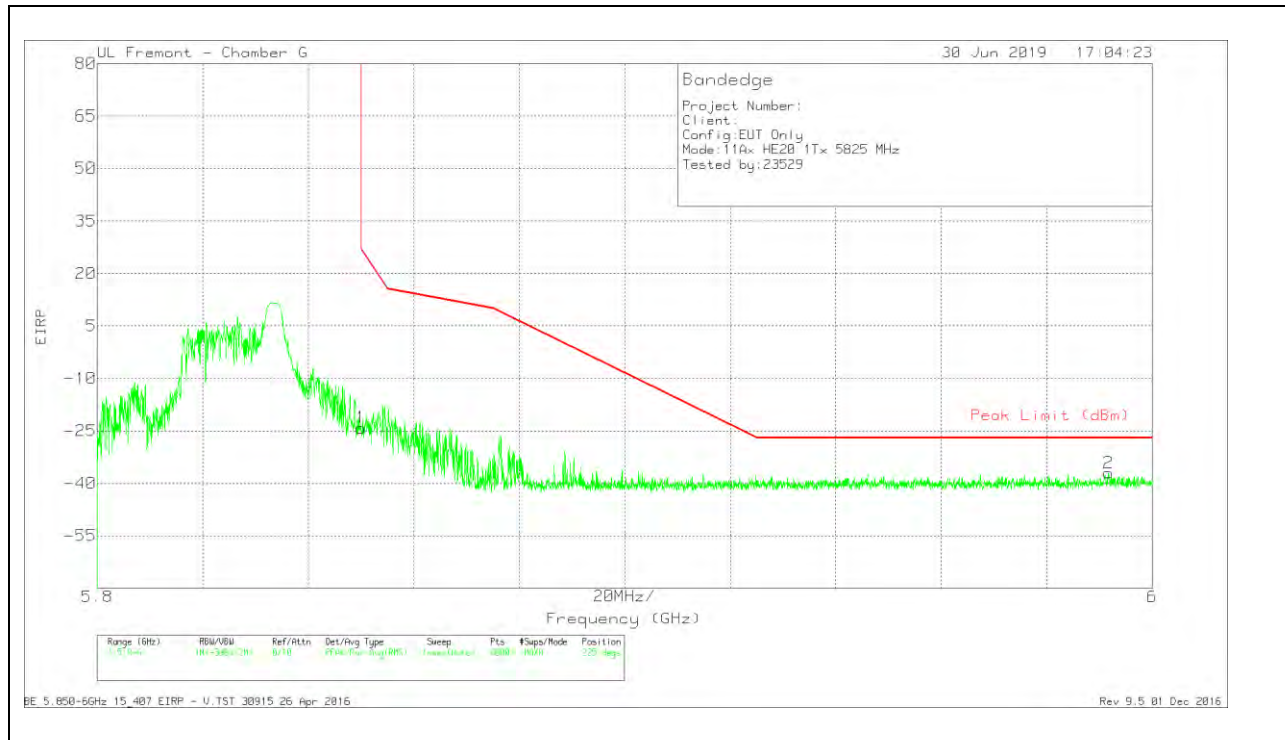
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-46.19	Pk	35.4	-19.9	11.8	0	-18.89	26.98	-45.87	93	256	H
2	5.925	-64.16	Pk	35.5	-20.2	11.8	0	-37.06	-27	-10.06	93	256	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	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T120 (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	-51.4	Pk	35.4	-19.9	11.8	0	-24.1	26.99	-51.09	225	250	V
2	5.992	-64.55	Pk	35.6	-19.9	11.8	0	-37.05	-27	-10.05	225	250	V

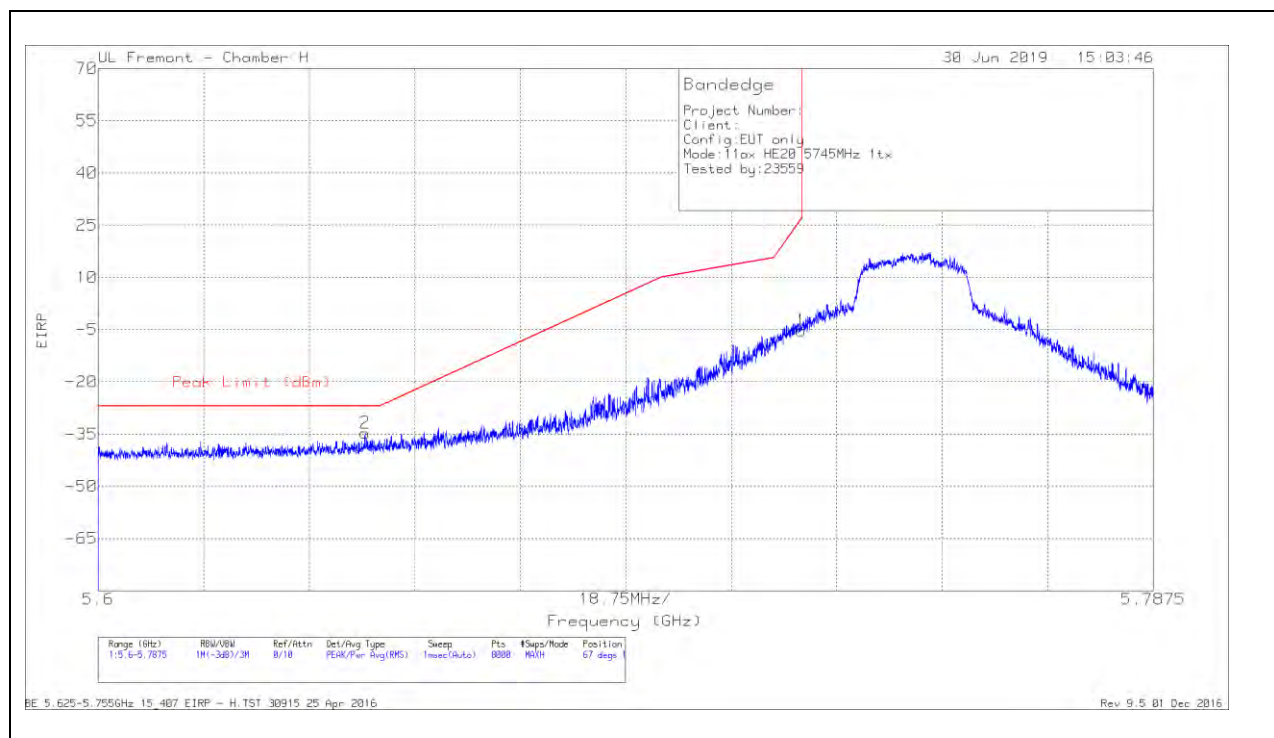
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016
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1TX Antenna 5 MODE – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



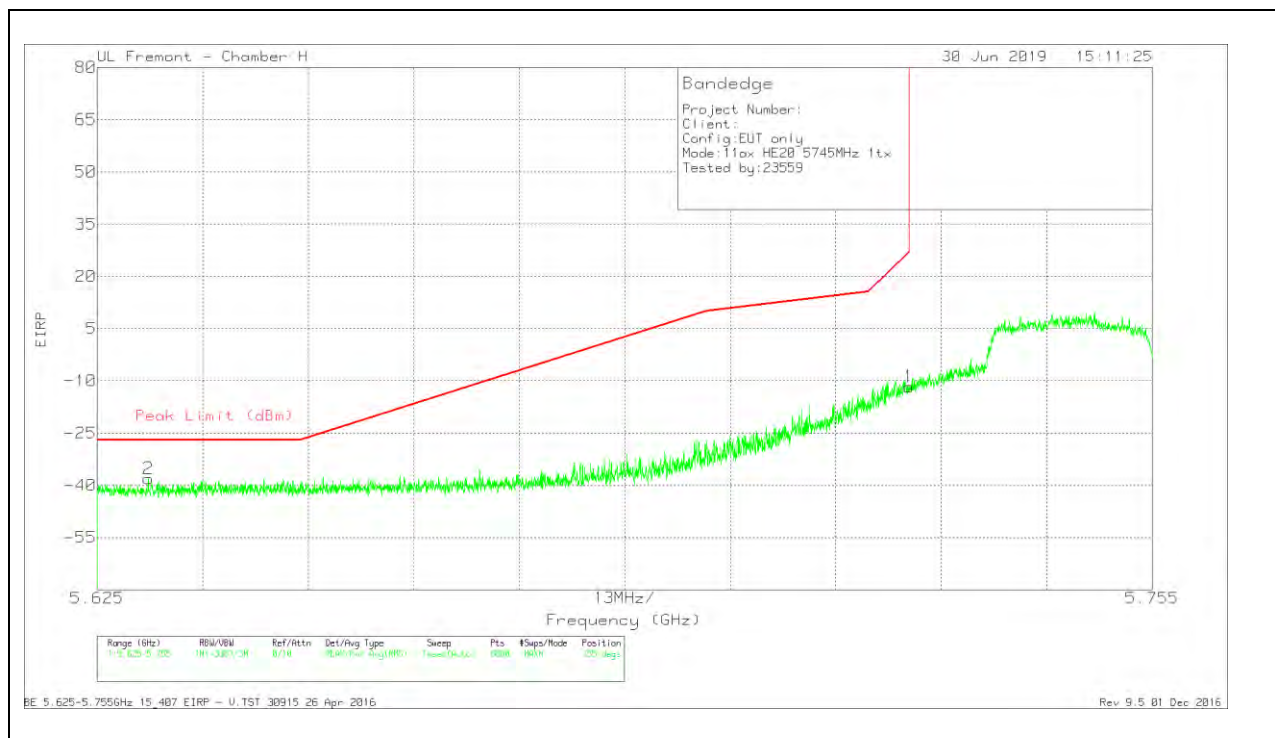
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-60.99	Pk	35.1	-20.6	11.8	0	-34.69	-27	-7.69	67	184	H
1	5.725	-31.4	Pk	35	-20.7	11.8	0	-5.3	26.96	-32.26	67	184	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/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.631	-64.29	Pk	35.1	-20.7	11.8	0	-38.09	-27	-11.09	355	144	V
1	5.725	-37.78	Pk	35	-20.7	11.8	0	-11.68	27	-38.68	355	144	V

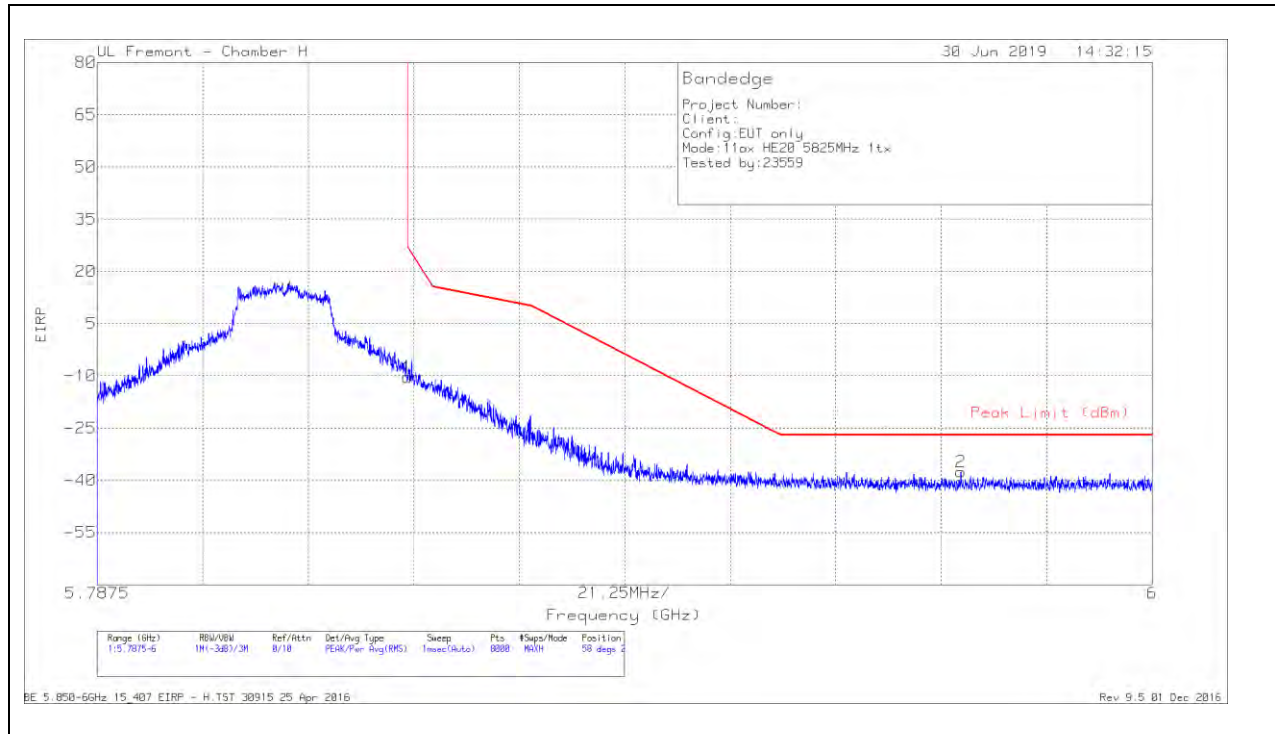
Pk - Peak detector

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BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



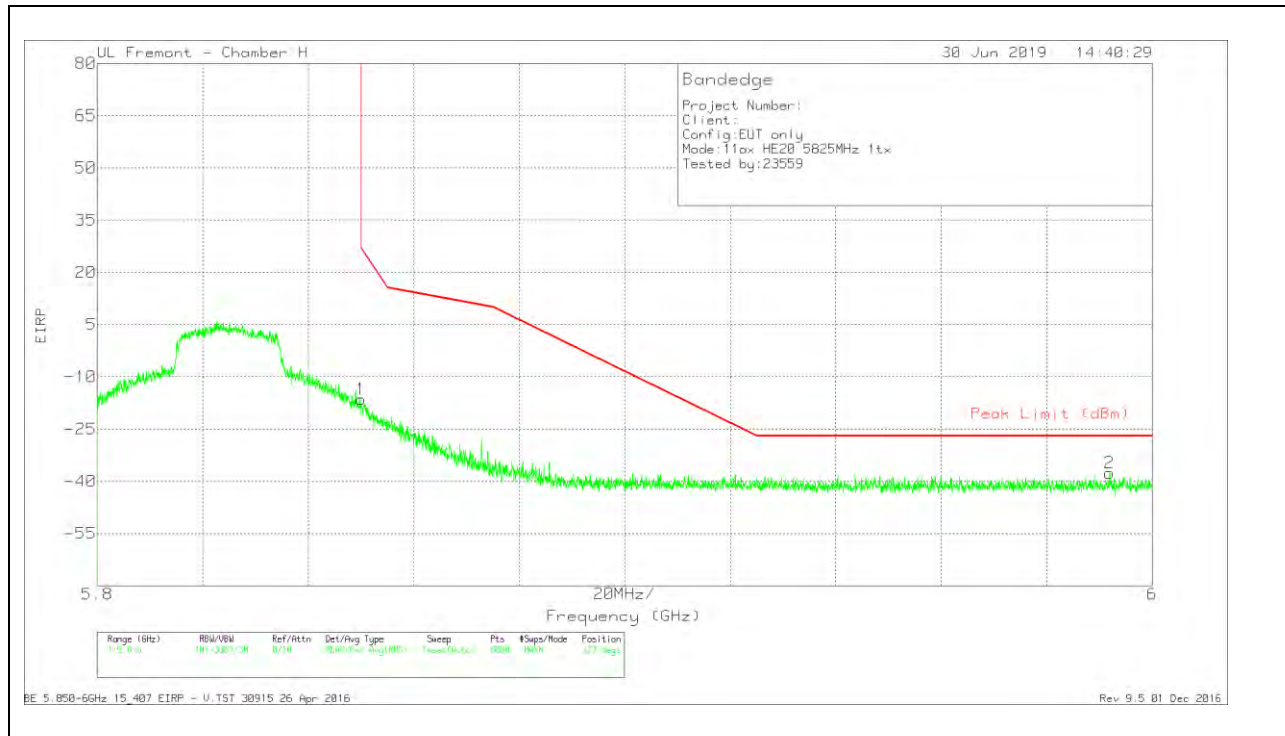
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-36.74	Pk	35	-20.4	11.8	0	-10.34	26.98	-37.32	58	239	H
2	5.961	-64.47	PK	35.2	-20.1	11.8	0	-37.57	-27	-10.57	58	239	H

Pk - Peak detector

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

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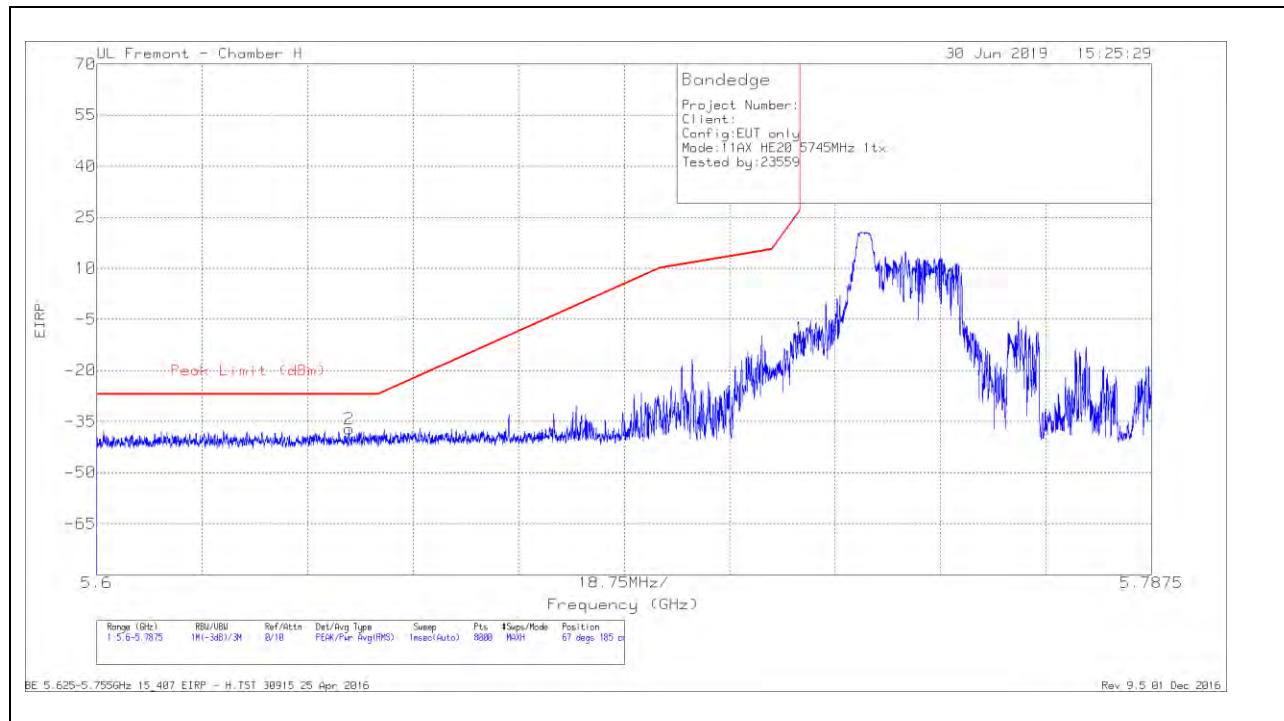
VERTICAL RESULT



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
1	5.85	-42.85	Pk	35	-20.4	11.8	0	-16.45	26.99	-43.44	327	167	V
2	5.992	-64.73	Pk	35.2	-19.9	11.8	0	-37.63	-27	-10.63	327	167	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**

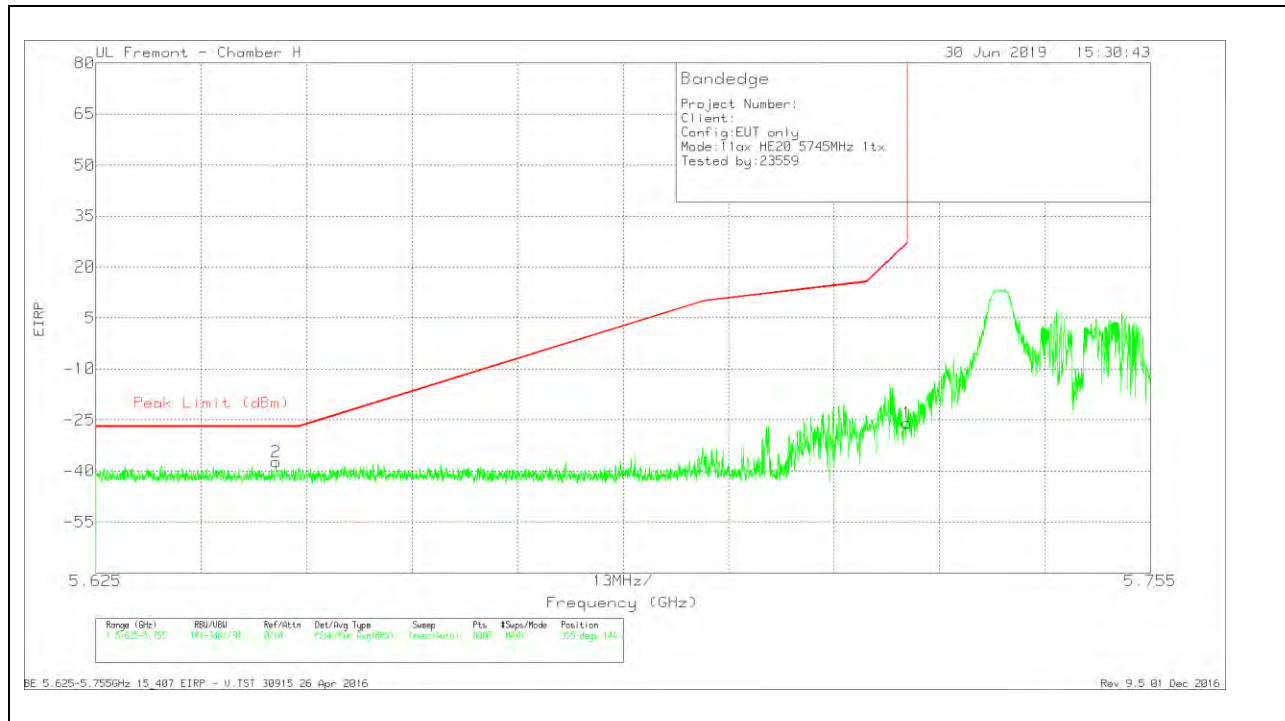
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.645	-63.56	Pk	35.2	-20.6	11.8	0	-37.16	-27	-10.16	67	185	H
1	5.725	-36.6	Pk	35	-20.7	11.8	0	-10.5	26.96	-37.46	67	185	H

Pk - Peak detector

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

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VERTICAL RESULT

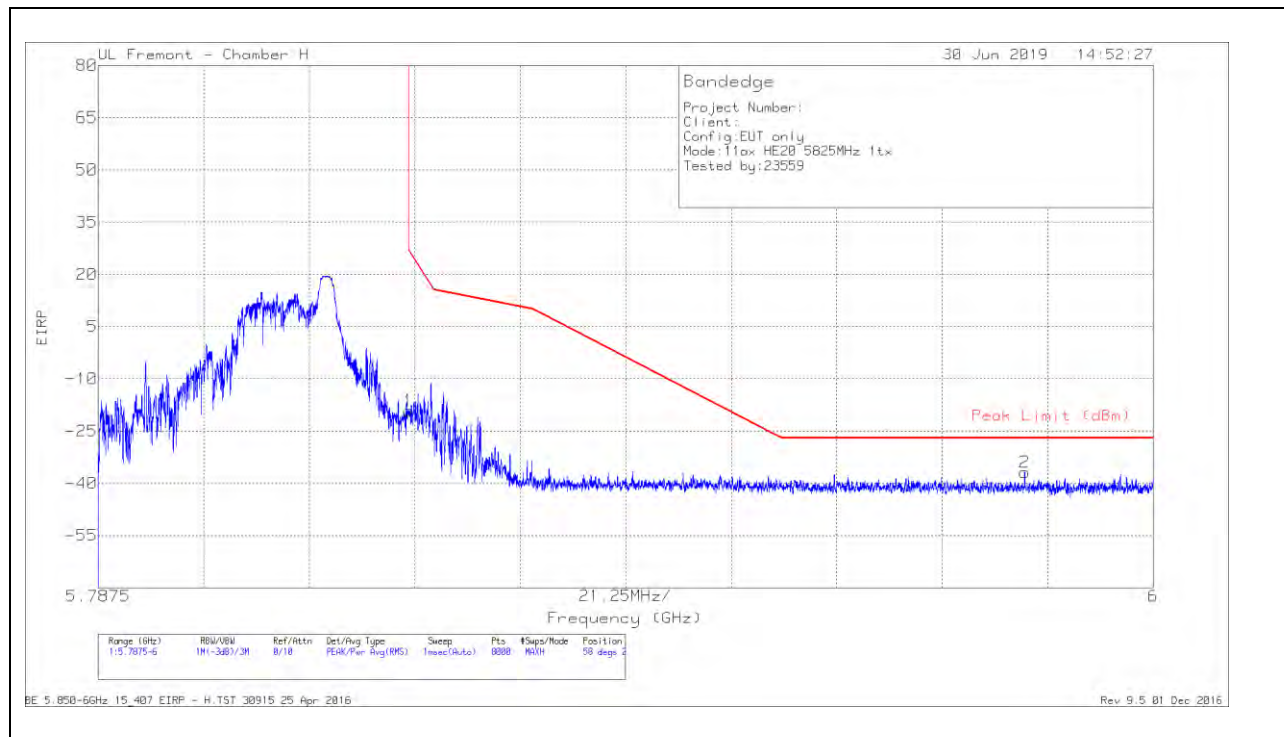


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-63.6	Pk	35.1	-20.6	11.8	0	-37.3	-27	-10.3	355	144	V
1	5.725	-52.06	Pk	35	-20.7	11.8	0	-25.96	27	-52.96	355	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

1TX Antenna 5 MODE – 26 Tones, RU Index 8**BANDEGE (HIGH CHANNEL)****HORIZONTAL RESULT**

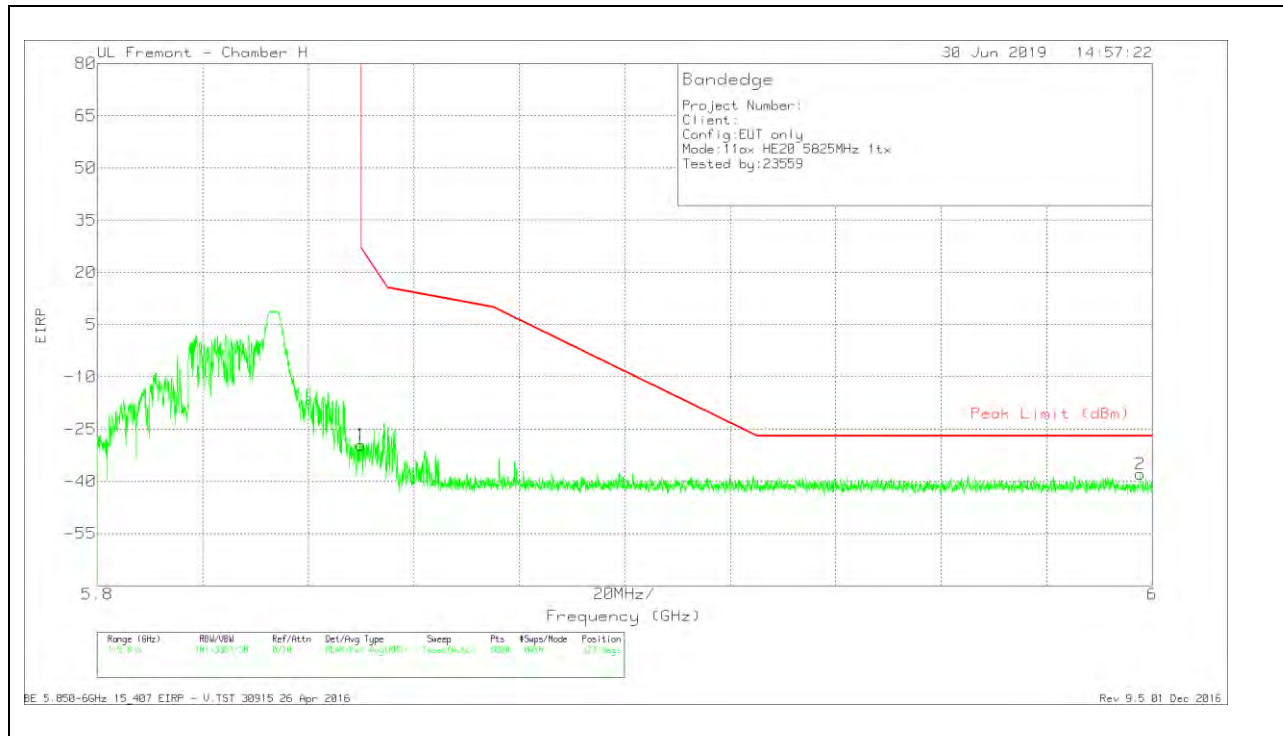
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-45.61	Pk	35	-20.4	11.8	0	-19.21	26.98	-46.19	58	240	H
2	5.974	-63.75	Pk	35.2	-20.1	11.8	0	-36.85	-27	-9.85	58	240	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	-55.97	Pk	35	-20.4	11.8	0	-29.57	26.99	-56.56	327	167	V
2	5.998	-65.12	Pk	35.3	-19.9	11.8	0	-37.92	-27	-10.92	327	167	V

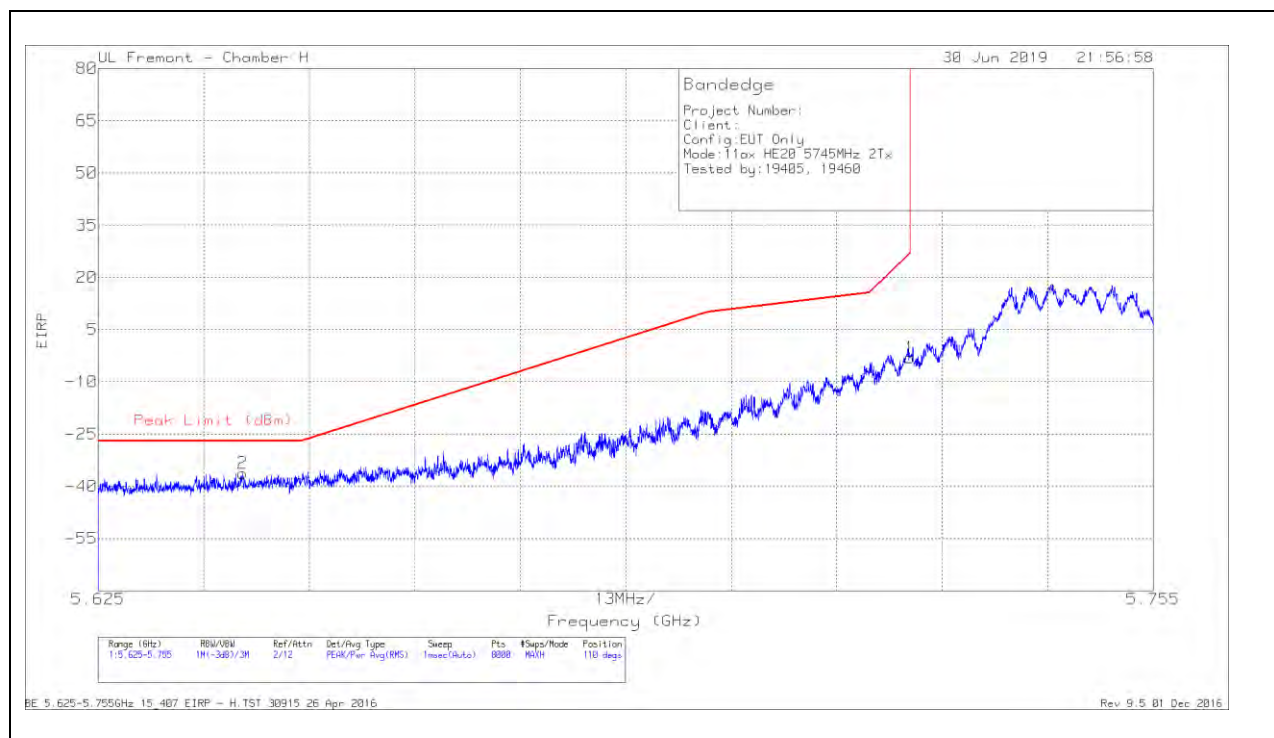
Pk - Peak detector

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 – 242 Tones, RU Index 61

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



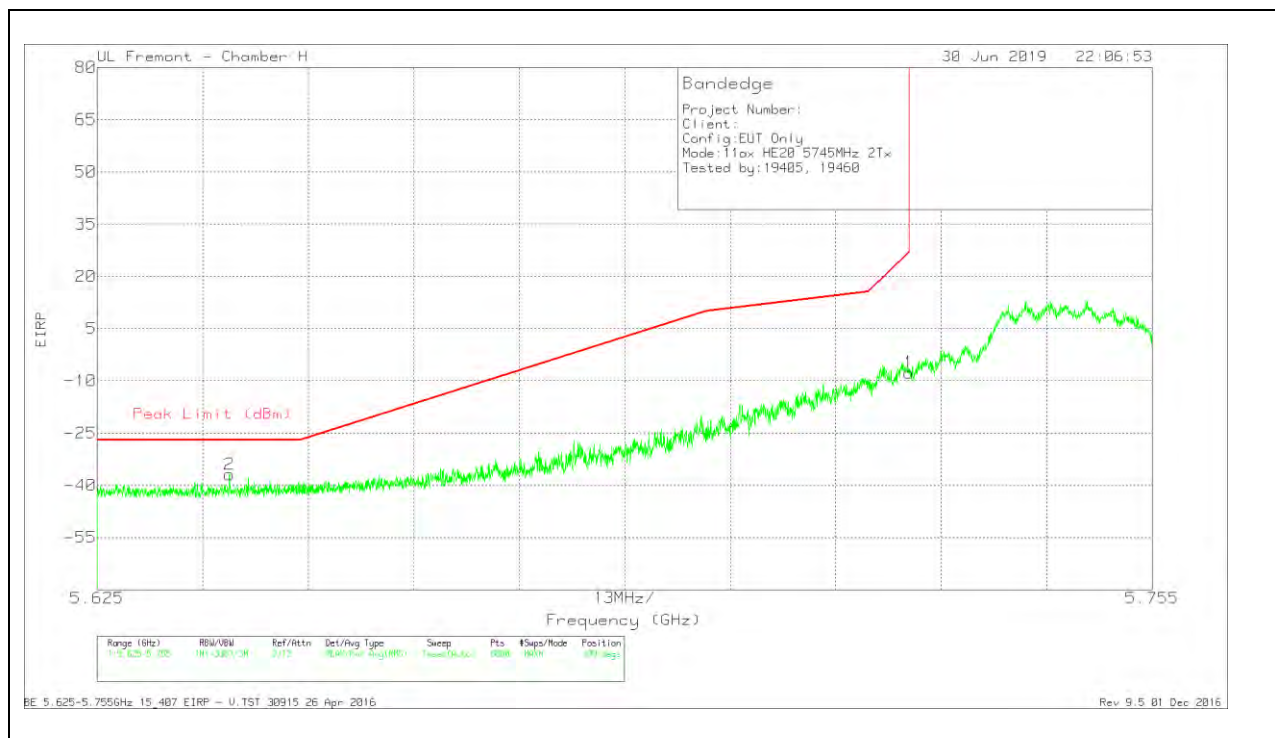
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.643	-63.04	Pk	35.2	-20.2	11.8	0	-36.24	-27	-9.24	110	106	H
1	5.725	-30.09	Pk	35	-19.8	11.8	0	-3.09	27	-30.09	110	106	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 26 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	5.641	-63.69	Pk	35.2	-20.2	11.8	0	-36.89	-27	-9.89	309	355	V
1	5.725	-34.65	Pk	35	-19.8	11.8	0	-7.65	27	-34.65	309	355	V

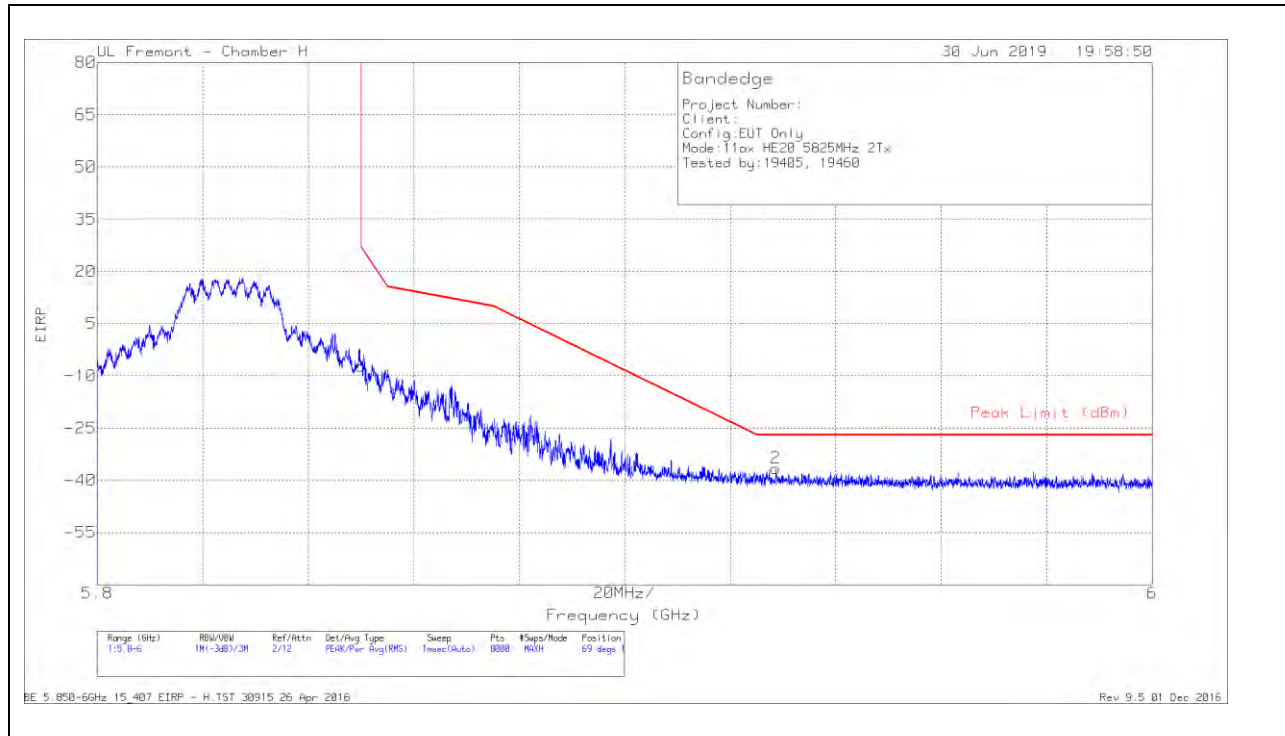
Pk - Peak detector

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



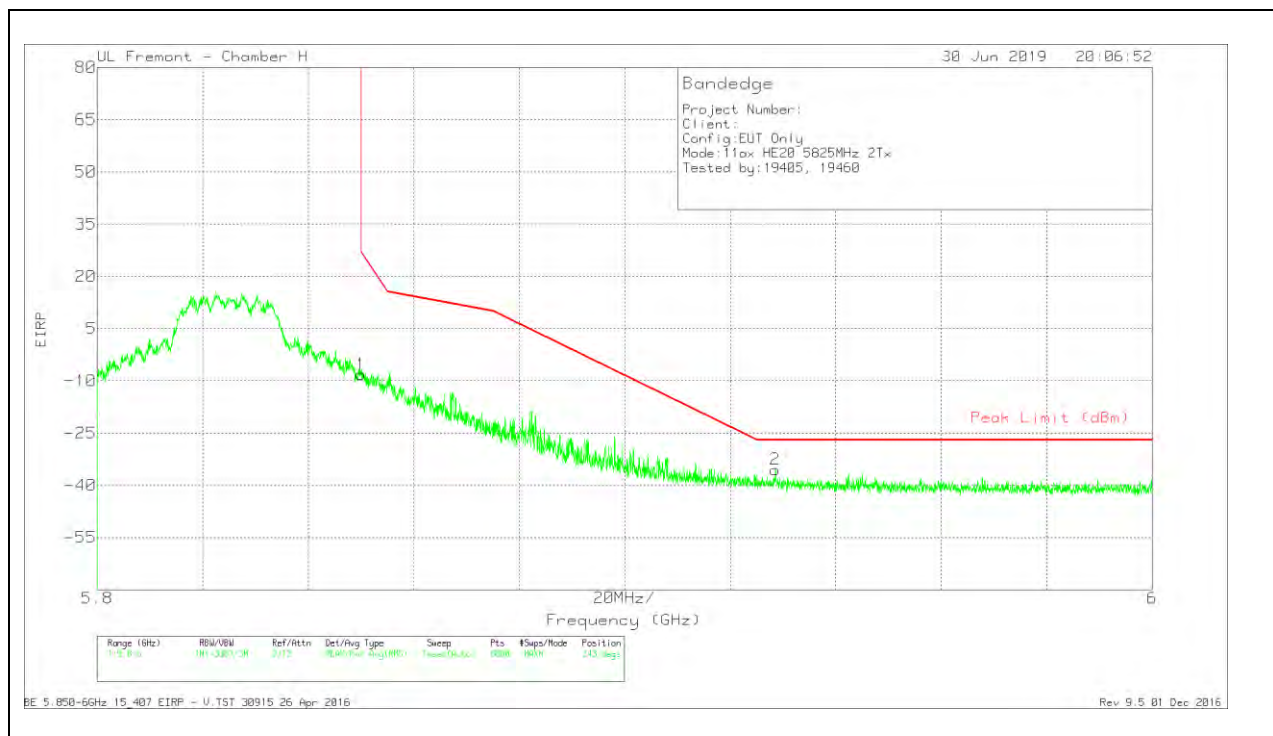
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-34.42	Pk	35	-19.6	11.8	0	-7.22	26.99	-34.21	69	114	H
2	5.929	-64.16	PK	35.1	-19.3	11.8	0	-36.56	-27	-9.56	69	114	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 26 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	-35.35	Pk	35	-19.6	11.8	0	-8.15	26.99	-35.14	243	112	V
2	5.929	-62.99	Pk	35.1	-19.4	11.8	0	-35.49	-27	-8.49	243	112	V

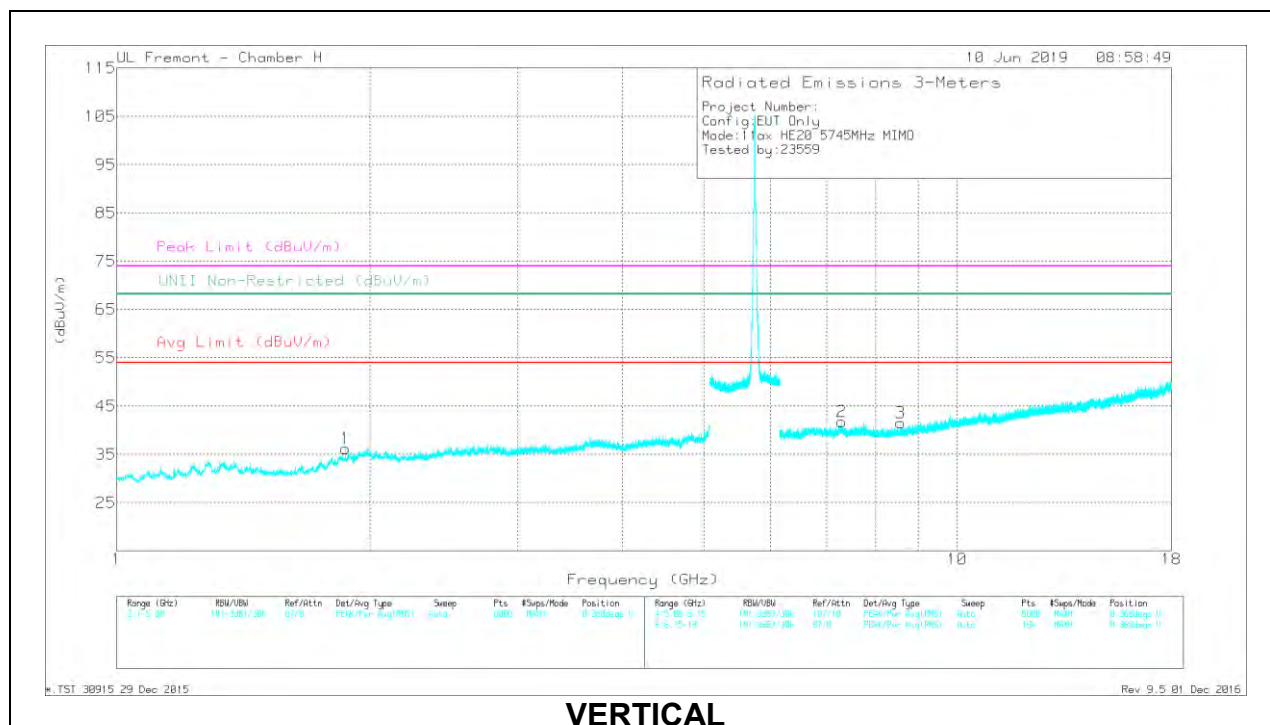
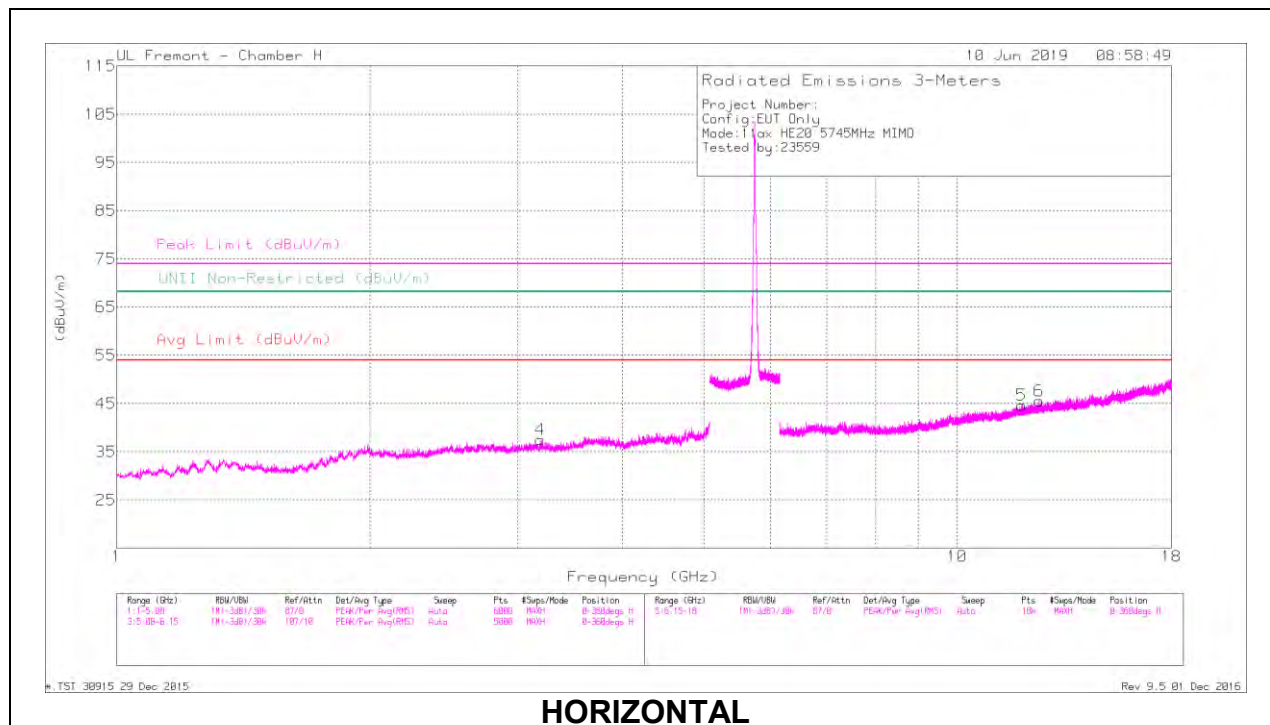
Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - V.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 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
5	* 11.949	35.74	PK-U	38.8	-23.5	0	51.04	-	-	74	-22.96	-	-	360	238	H
	* 11.949	24.87	ADR	38.8	-23.5	0	40.17	54	-13.83	-	-	-	-	360	238	H
6	* 12.533	36.06	PK-U	39.2	-23.4	0	51.86	-	-	74	-22.14	-	-	255	317	H
	* 12.529	24.94	ADR	39.2	-23.4	0	40.74	54	-13.26	-	-	-	-	255	317	H
2	* 7.293	38.12	PK-U	36.4	-26.4	0	48.12	-	-	74	-25.88	-	-	185	259	V
	* 7.293	27.09	ADR	36.4	-26.4	0	37.09	54	-16.91	-	-	-	-	185	259	V
1	1.873	43	PK-U	31.1	-32.5	0	41.6	-	-	-	-	68.2	-26.6	180	149	V
4	3.189	43.52	PK-U	32.6	-31.5	0	44.62	-	-	-	-	68.2	-23.58	281	151	H
3	8.57	37.47	PK-U	36	-26.1	0	47.37	-	-	-	-	68.2	-20.83	96	190	V

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

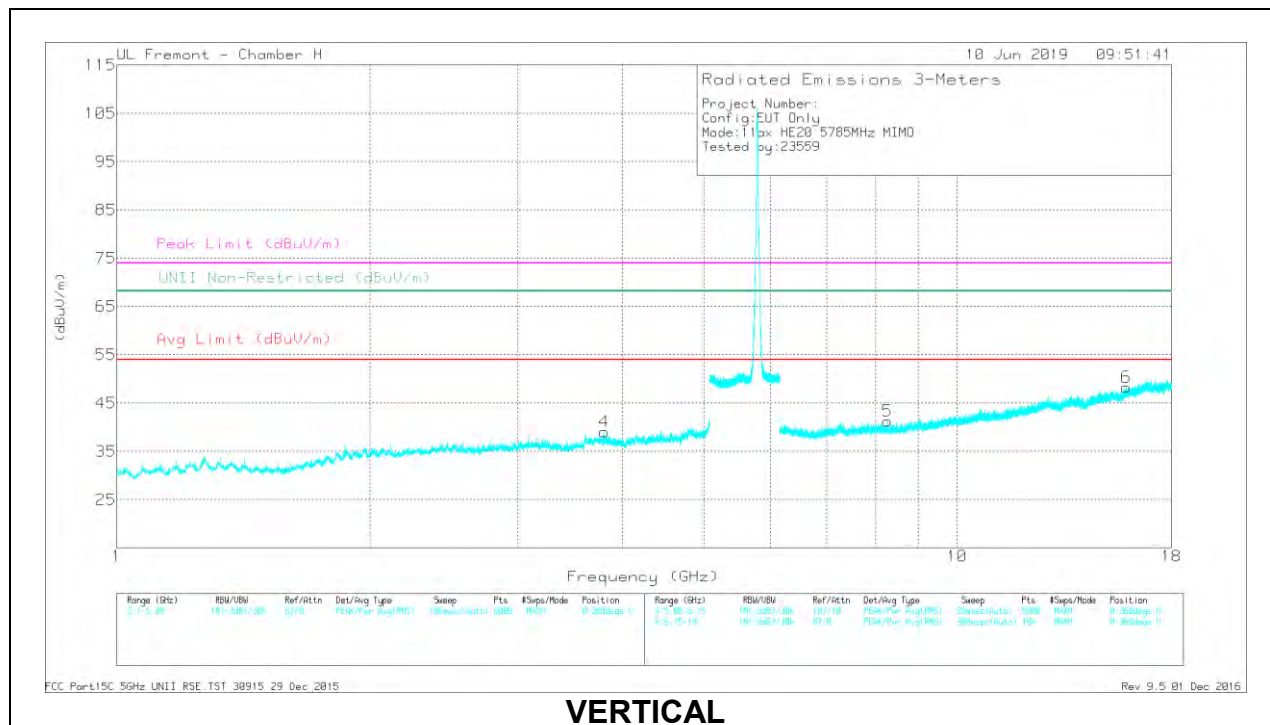
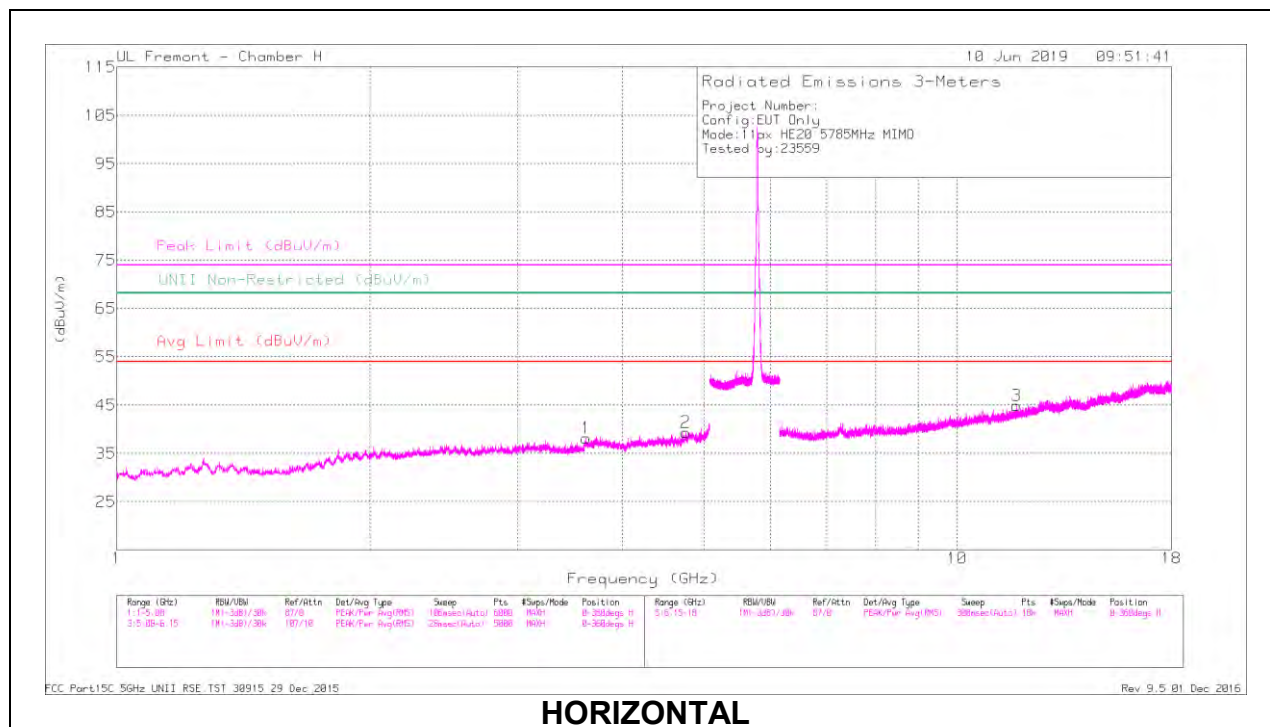
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

*.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

MID 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	* 3.619	43.01	PK-U	33.1	-31	0	45.11	-	-	74	-28.89	-	-	189	228	H
	* 3.618	30.63	ADR	33.1	-31	0	32.73	54	-21.27	-	-	-	-	189	228	H
2	* 4.754	42.27	PK-U	34.2	-29.7	0	46.77	-	-	74	-27.23	-	-	266	292	H
	* 4.754	30.76	ADR	34.2	-29.7	0	35.26	54	-18.74	-	-	-	-	266	292	H
4	* 3.806	41.95	PK-U	33.5	-30.8	0	44.65	-	-	74	-29.35	-	-	105	215	V
	* 3.806	30.59	ADR	33.5	-30.8	0	33.29	54	-20.71	-	-	-	-	105	215	V
3	* 11.774	35.82	PK-U	38.4	-23.4	0	50.82	-	-	74	-23.18	-	-	203	176	H
	* 11.775	24.8	ADR	38.4	-23.4	0	39.8	54	-14.2	-	-	-	-	203	176	H
5	* 8.274	38.32	PK-U	36.1	-26.4	0	48.02	-	-	74	-25.98	-	-	147	284	V
	* 8.273	26.74	ADR	36.1	-26.4	0	36.44	54	-17.56	-	-	-	-	147	284	V
6	* 15.912	35.28	PK-U	41.1	-21.6	0	54.78	-	-	74	-19.22	-	-	320	265	V
	* 15.913	24.26	ADR	41.1	-21.7	0	43.66	54	-10.34	-	-	-	-	320	265	V

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

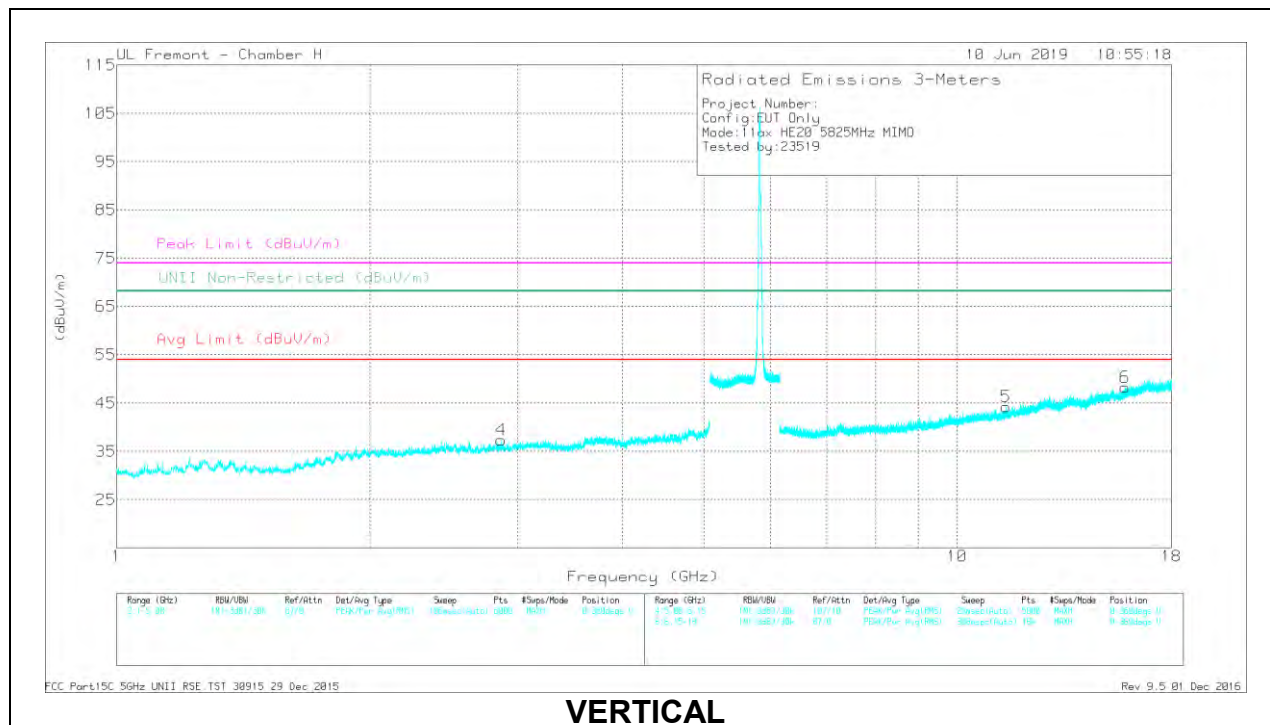
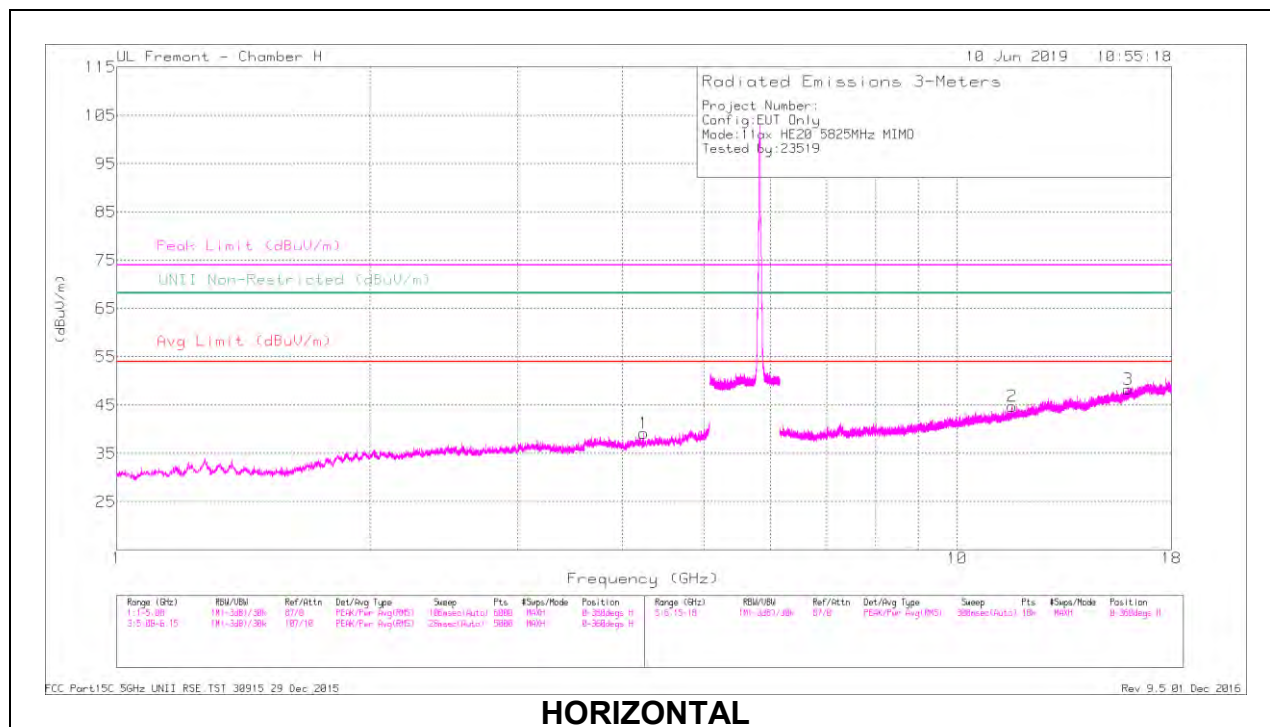
PK-U - U-NII: Maximum Peak

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/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	* 4.236	41.14	PK-U	33.5	-30.2	0	44.44	-	-	74	-29.56	-	-	234	185	H
	* 4.235	29.85	ADR	33.5	-30.2	0	33.15	54	-20.85	-	-	-	-	234	185	H
4	* 2.867	42.97	PK-U	32.5	-31.4	0	44.07	-	-	74	-29.93	-	-	157	222	V
	* 2.867	31.44	ADR	32.5	-31.4	0	32.54	54	-21.46	-	-	-	-	157	222	V
2	* 11.628	35.58	PK-U	38.4	-23.1	0	50.88	-	-	74	-23.12	-	-	82	266	H
	* 11.628	24.46	ADR	38.4	-23.1	0	39.76	54	-14.24	-	-	-	-	82	266	H
3	* 15.979	35.45	PK-U	41.5	-22.5	0	54.45	-	-	74	-19.55	-	-	208	233	H
	* 15.978	24.81	ADR	41.5	-22.5	0	43.81	54	-10.19	-	-	-	-	208	233	H
5	* 11.436	35.7	PK-U	38.2	-23.5	0	50.4	-	-	74	-23.6	-	-	134	305	V
	* 11.436	24.49	ADR	38.2	-23.5	0	39.19	54	-14.81	-	-	-	-	134	305	V
6	* 15.842	36	PK-U	41.1	-21.9	0	55.2	-	-	74	-18.8	-	-	247	277	V
	* 15.84	24.35	ADR	41.1	-22	0	43.45	54	-10.55	-	-	-	-	247	277	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

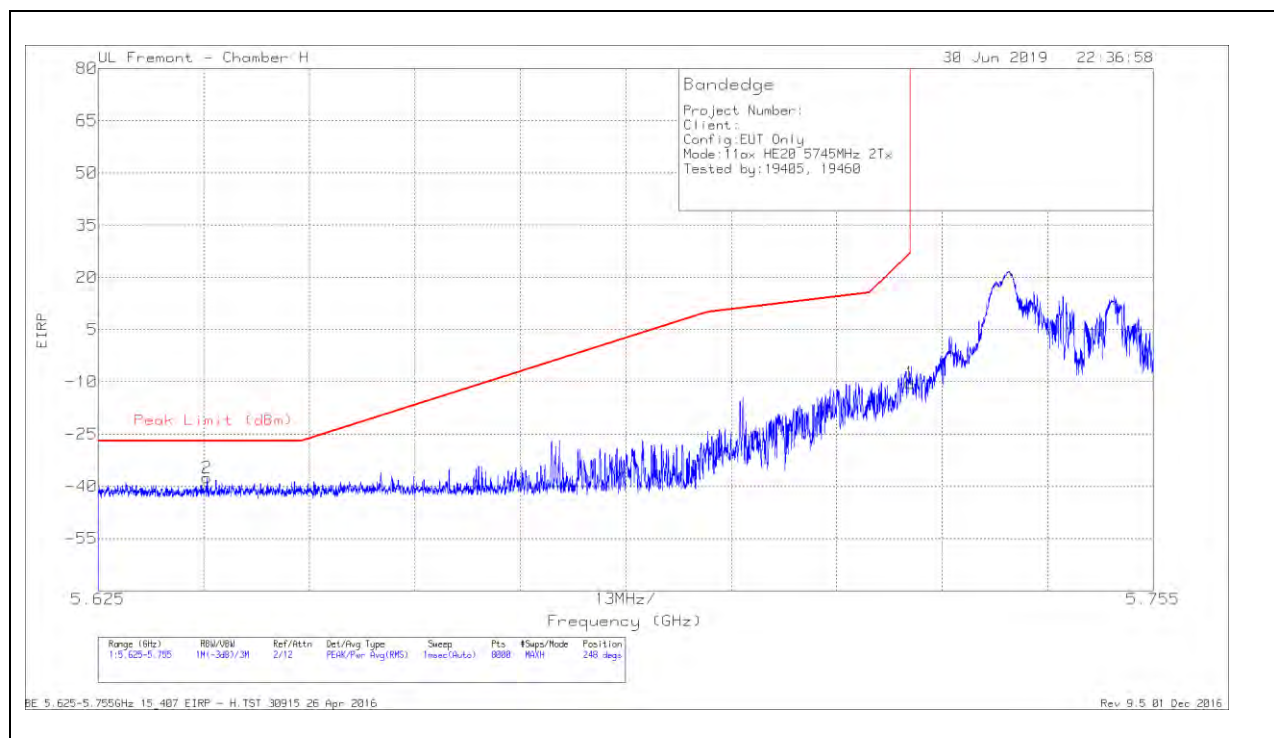
FCC Part15C 5GHz UNII RSE.TST 30915 29 Dec 2015

Rev 9.5 01 Dec 2016

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



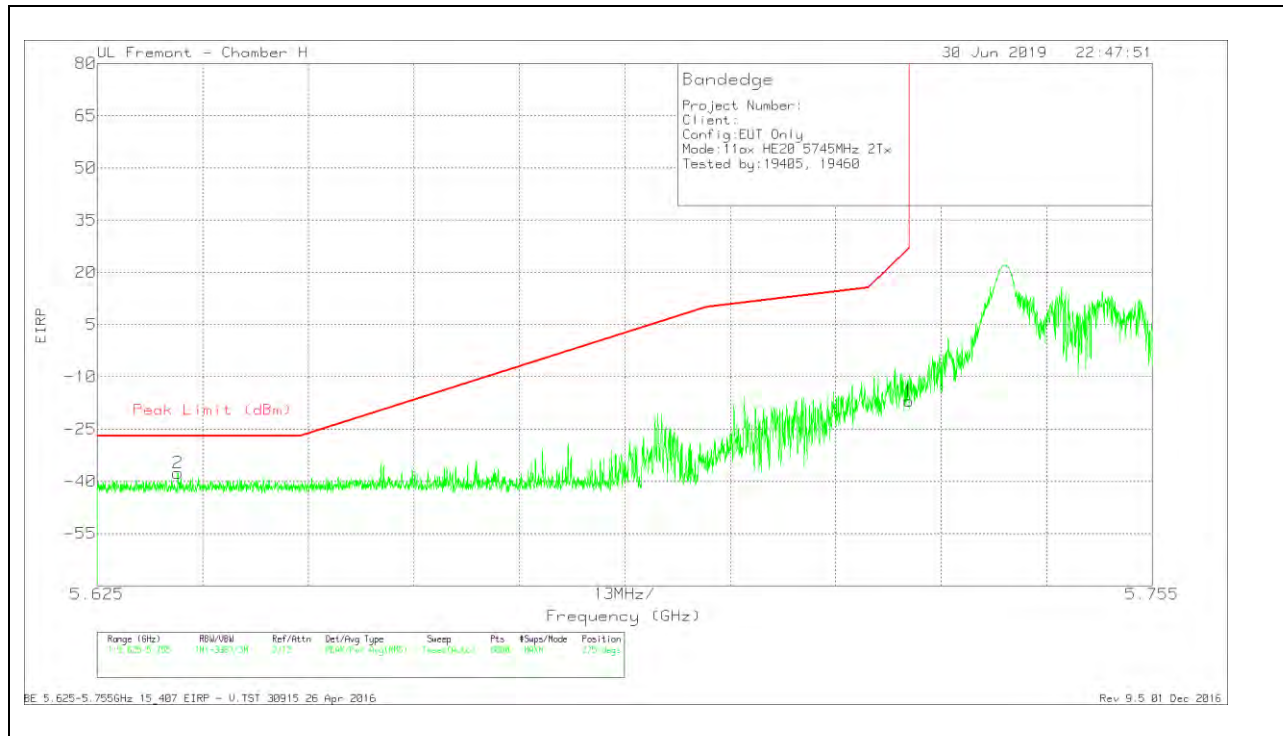
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.638	-64.29	Pk	35.1	-20.2	11.8	0	-37.59	-27	-10.59	248	190	H
1	5.725	-37.34	Pk	35	-19.8	11.8	0	-10.34	27	-37.34	248	190	H

Pk - Peak detector

BE 5.625-5.755GHz 15_407 EIRP - H.TST 30915 26 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	5.635	-64.31	Pk	35.1	-20.2	11.8	0	-37.61	-27	-10.61	275	124	V
1	5.725	-43.91	Pk	35	-19.8	11.8	0	-16.91	27	-43.91	275	124	V

Pk - Peak detector

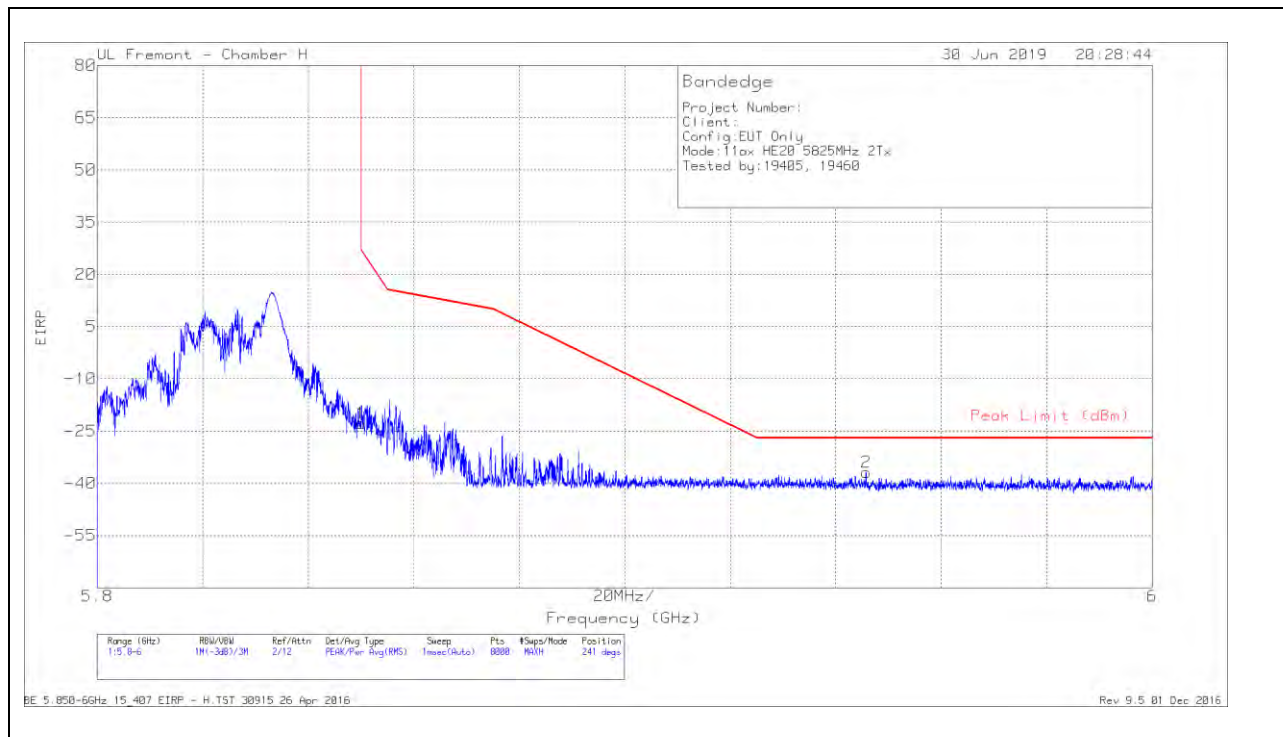
BE 5.625-5.755GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

Rev 9.5 01 Dec 2016

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



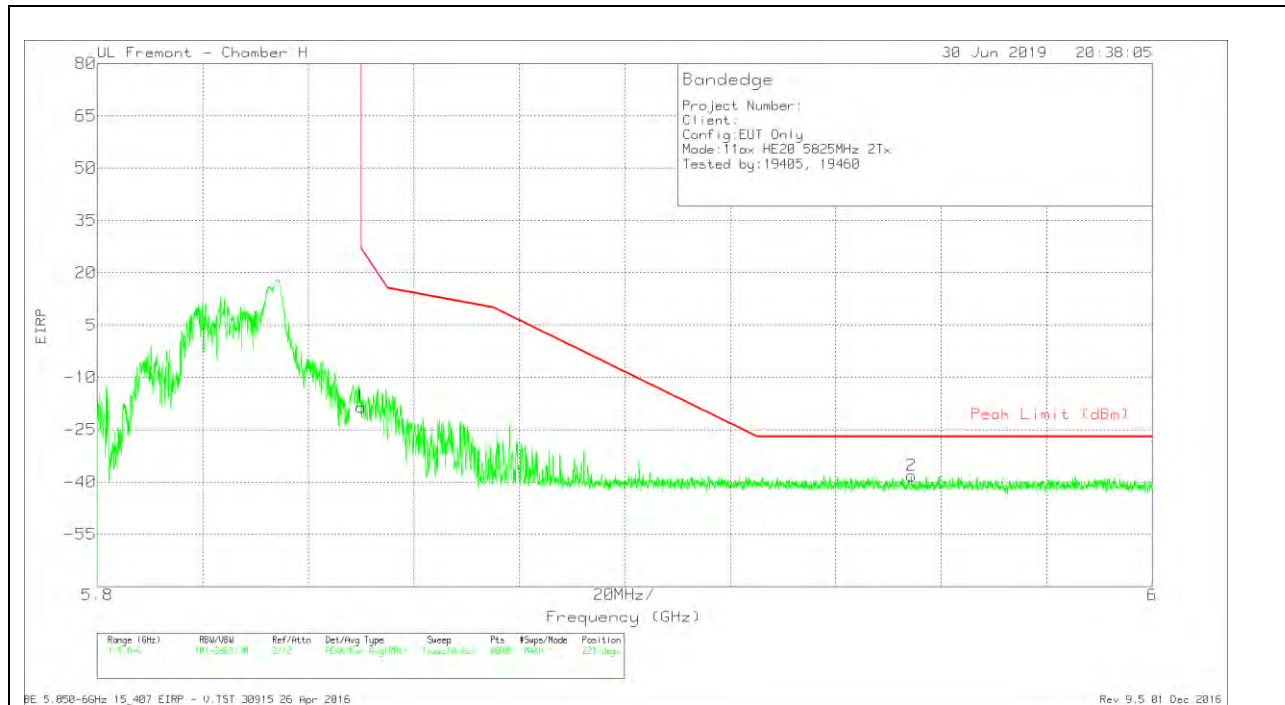
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-49.98	Pk	35	-19.6	11.8	0	-22.78	26.99	-49.77	241	368	H
2	5.946	-64.44	Pk	35.2	-19.4	11.8	0	-36.84	-27	-9.84	241	368	H

Pk - Peak detector

BE 5.850-6GHz 15_407 EIRP - H.TST 30915 26 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	-45.79	Pk	35	-19.6	11.8	0	-18.59	26.99	-45.58	221	123	V
2	5.954	-65.78	Pk	35.1	-19.3	11.8	0	-38.18	-27	-11.18	221	123	V

Pk - Peak detector

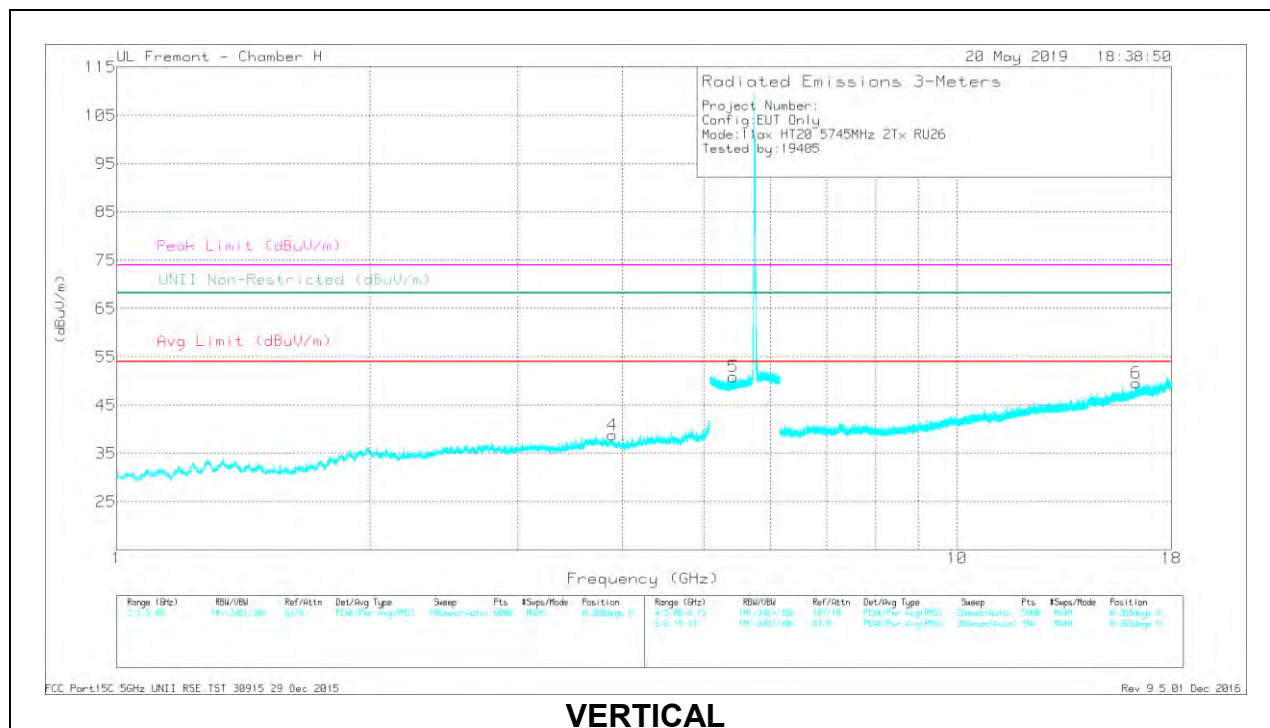
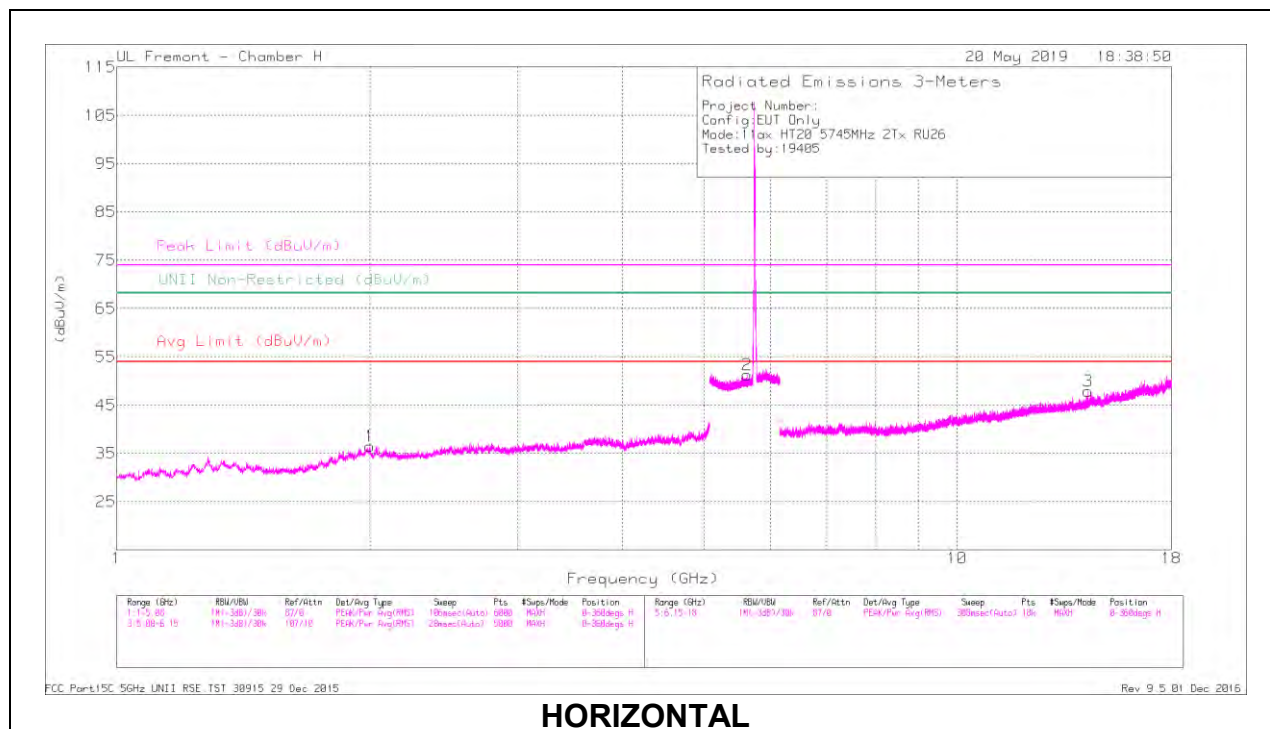
BE 5.850-6GHz 15_407 EIRP - V.TST 30915 26 Apr 2016

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

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 3.888	41.67	PK-U	33.4	-30.5	0	44.57	-	-	74	-29.43	-	-	217	131	V
	* 3.89	30.62	ADR	33.4	-30.5	0	33.52	54	-20.48	-	-	-	-	217	131	V
5	* 5.418	42.15	PK-U	34.5	-20.4	0	56.25	-	-	74	-17.75	-	-	44	282	V
	* 5.417	31.32	ADR	34.6	-20.4	0	45.52	54	-8.48	-	-	-	-	44	282	V
1	2	31.94	ADR	31.8	-32.3	0	31.44	-	-	-	-	-	-	94	260	H
	2.002	44.22	PK-U	31.8	-32.3	0	43.72	-	-	-	-	68.2	-24.48	94	260	H
2	5.628	43.46	PK-U	34.9	-20.7	0	57.66	-	-	-	-	68.2	-10.54	146	319	H
	5.628	31.78	ADR	34.9	-20.7	0	45.98	-	-	-	-	-	-	146	319	H
3	14.321	25.06	ADR	39.7	-22.8	0	41.96	-	-	-	-	-	-	334	180	H
	14.324	36.97	PK-U	39.7	-22.8	0	53.87	-	-	-	-	68.2	-14.33	334	180	H
6	16.354	36.28	PK-U	41.4	-21.4	0	56.28	-	-	-	-	68.2	-11.92	262	109	V
	16.354	24.08	ADR	41.4	-21.4	0	44.08	-	-	-	-	-	-	262	109	V

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

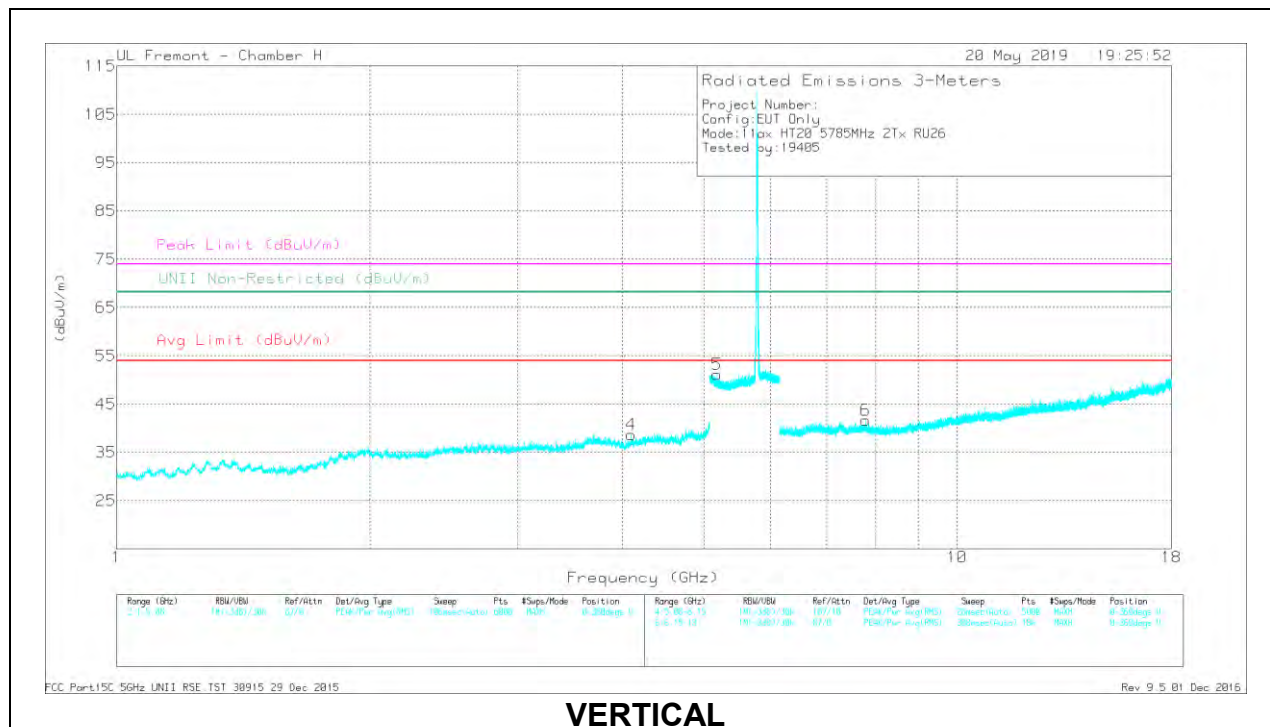
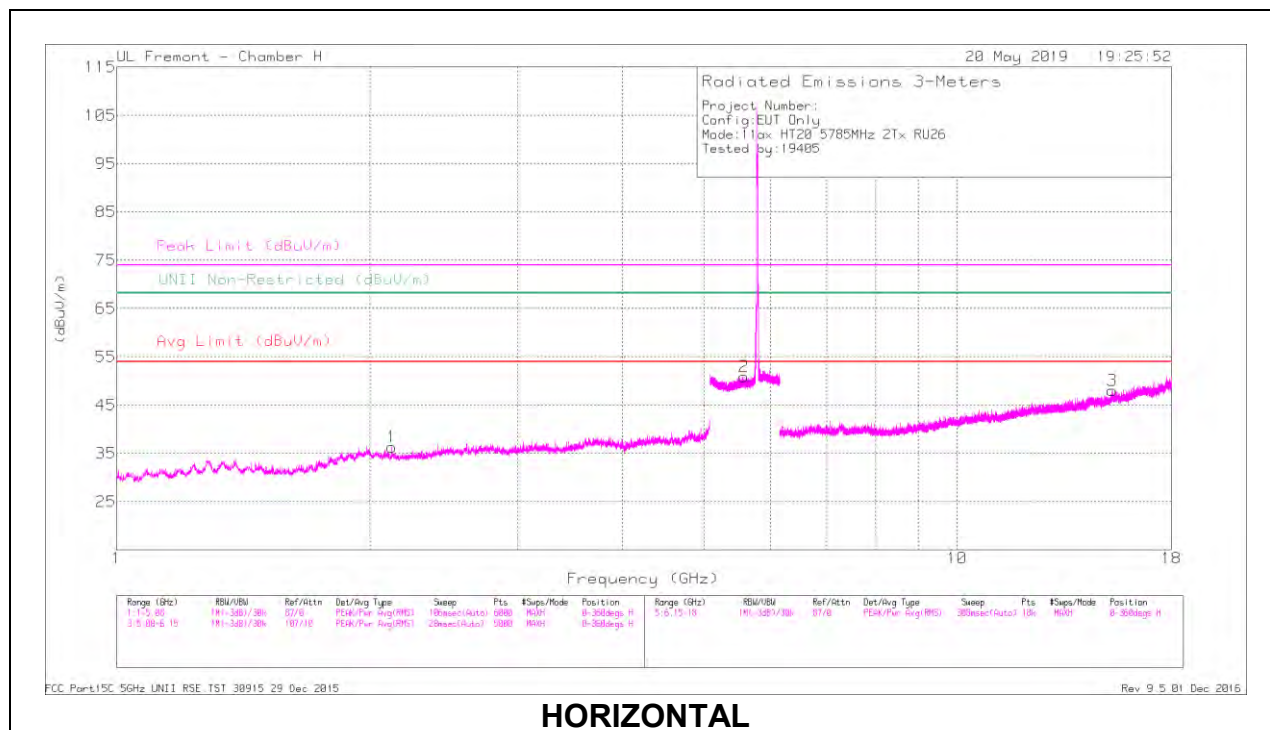
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

Rev 9.5 01 Dec 2016

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T136 (dBm)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 4.096	42.05	PK-U	33.3	-30.8	0	44.55	-	-	74	-29.45	-	-	319	147	V
	* 4.096	30.41	ADR	33.3	-30.8	0	32.91	54	-21.09	-	-	-	-	319	147	V
1	2.126	43.67	PK-U	31.4	-32.1	0	42.97	-	-	-	-	68.2	-25.23	242	314	H
	2.127	31.83	ADR	31.4	-32.1	0	31.13	-	-	-	-	-	-	242	314	H
5	5.184	43.09	PK-U	34.4	-20.9	0	56.59	-	-	-	-	68.2	-11.61	318	284	V
	5.185	32.12	ADR	34.4	-20.9	0	45.62	-	-	-	-	-	-	318	284	V
2	5.582	31.76	ADR	34.8	-20.6	0	45.96	-	-	-	-	-	-	25	382	H
	5.583	43.15	PK-U	34.8	-20.6	0	57.35	-	-	-	-	68.2	-10.85	25	382	H
6	7.786	37.84	PK-U	36.4	-26.6	0	47.64	-	-	-	-	68.2	-20.56	296	122	V
	7.787	26.92	ADR	36.4	-26.6	0	36.72	-	-	-	-	-	-	296	122	V
3	15.301	24.12	ADR	40.7	-22.1	0	42.72	-	-	-	-	-	-	263	391	H
	15.303	35.41	PK-U	40.7	-22.1	0	54.01	-	-	-	-	68.2	-14.19	263	391	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