

RADIATED EMISSIONS

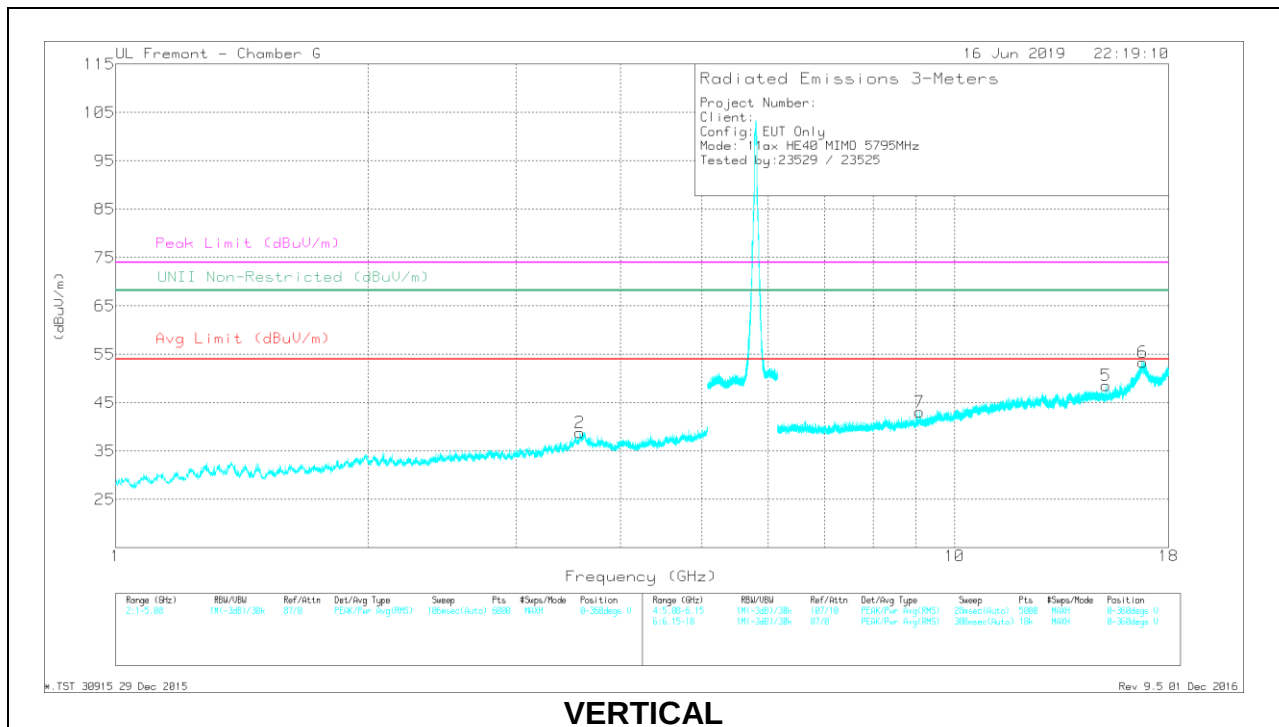
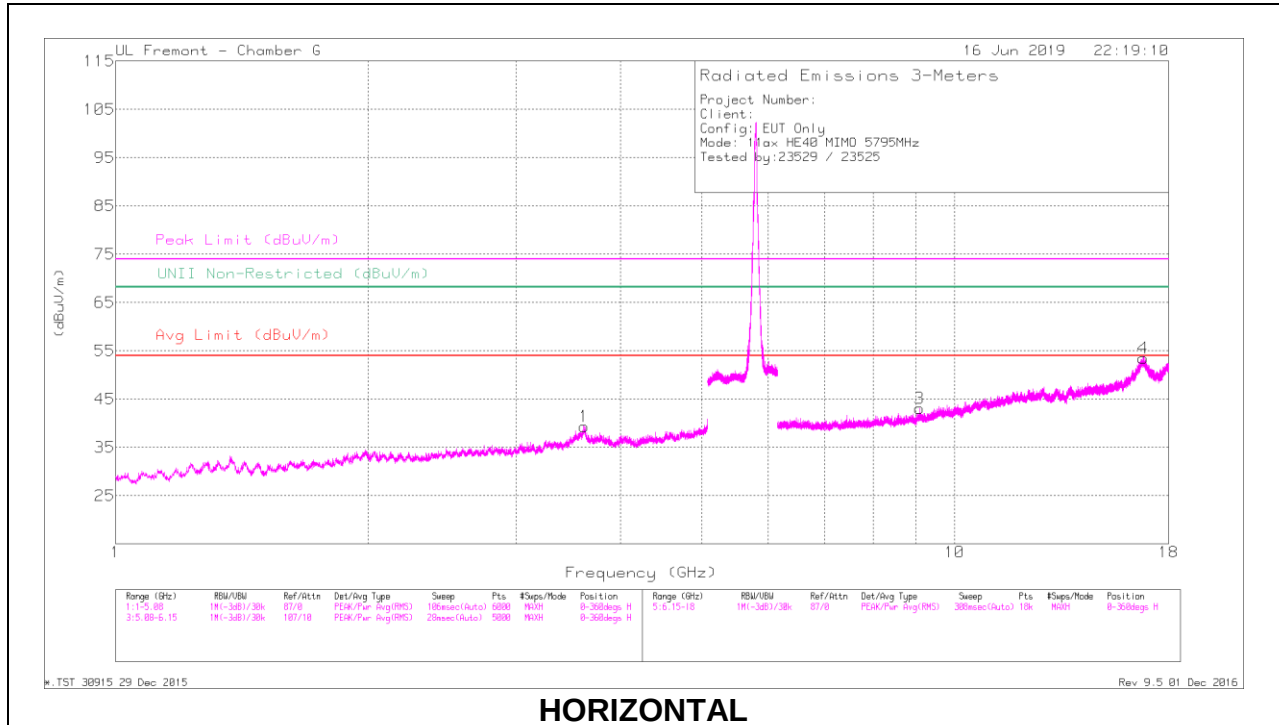
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.62	40.49	PK-U	35.7	-30.3	45.89	-	-	74	-28.11	-	-	185	212	H
	* 3.622	29.39	ADR	35.6	-30.3	34.69	54	-19.31	-	-	-	-	185	212	H
2	* 1.236	43.29	PK-U	29.2	-33.1	39.39	-	-	74	-34.61	-	-	273	175	V
	* 1.234	31.68	ADR	29.2	-33.1	27.78	54	-26.22	-	-	-	-	273	175	V
3	* 8.092	38.83	PK-U	36.1	-26.5	48.43	-	-	74	-25.57	-	-	89	224	V
	* 8.094	27.16	ADR	36.1	-26.5	36.76	54	-17.24	-	-	-	-	89	224	V
3	6.232	40.62	PK-U	35.7	-28.5	47.82	-	-	-	-	68.2	-20.38	148	299	H
5	13.224	36.39	PK-U	39.6	-22.1	53.89	-	-	-	-	68.2	-14.31	277	250	V
7	16.773	35.33	PK-U	41.8	-17	60.13	-	-	-	-	68.2	-8.07	210	215	V
4	16.826	36.19	PK-U	41.7	-17.6	60.29	-	-	-	-	68.2	-7.91	181	101	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 T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.62	40.19	PK-U	35.7	-30.3	45.59	-	-	74	-28.41	-	-	251	141	H
	* 3.619	28.86	ADR	35.7	-30.3	34.26	54	-19.74	-	-	-	-	251	141	H
2	* 3.574	41.12	PK-U	35.2	-30.2	46.12	-	-	74	-27.88	-	-	99	211	V
	* 3.575	29.58	ADR	35.2	-30.2	34.58	54	-19.42	-	-	-	-	99	211	V
3	* 9.088	37.88	PK-U	36.5	-25.1	49.28	-	-	74	-24.72	-	-	69	184	H
	* 9.087	26.75	ADR	36.5	-25.1	38.15	54	-15.85	-	-	-	-	69	184	H
7	* 9.084	37.41	PK-U	36.5	-25.1	48.81	-	-	74	-25.19	-	-	23	109	V
	* 9.085	26.29	ADR	36.5	-25.1	37.69	54	-16.31	-	-	-	-	23	109	V
5	15.163	37.04	PK-U	40.4	-23.2	54.24	-	-	-	-	68.2	-13.96	272	198	V
6	16.773	35.72	PK-U	41.8	-17	60.52	-	-	-	-	68.2	-7.68	224	187	V
4	16.79	36.54	PK-U	41.7	-17	61.24	-	-	-	-	68.2	-6.96	101	214	H

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

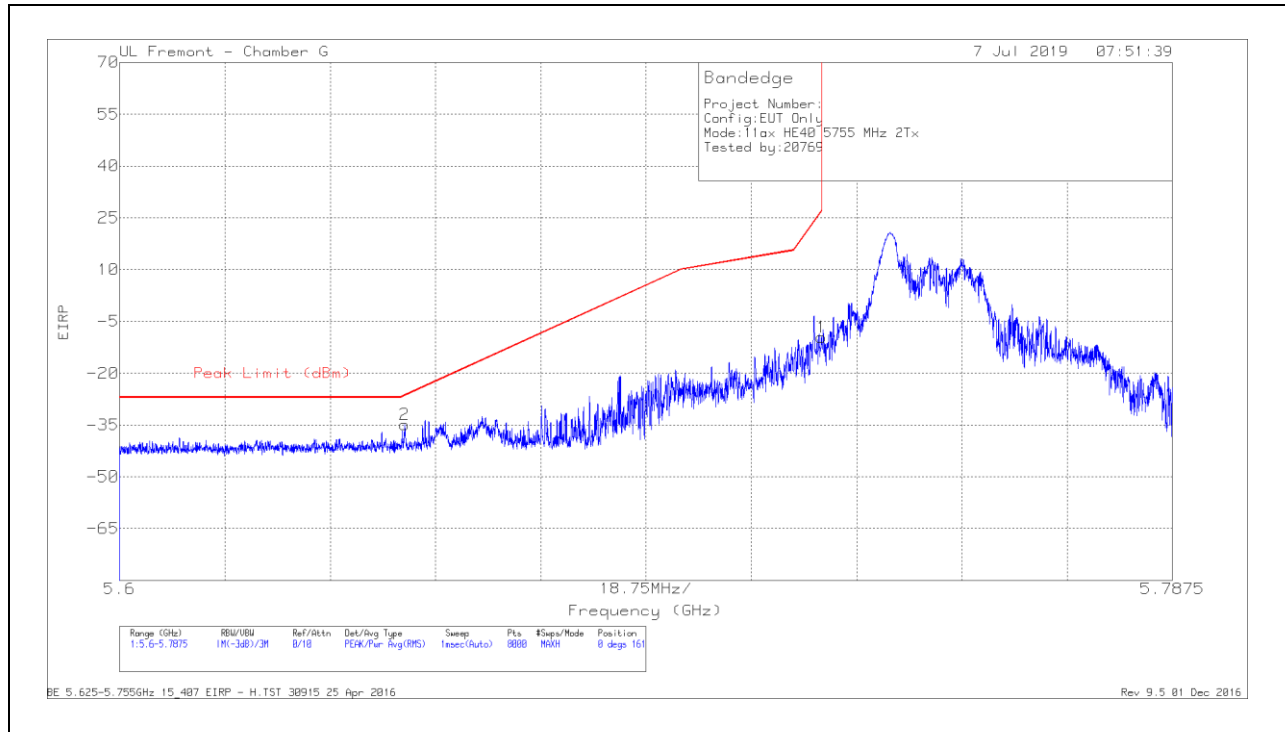
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

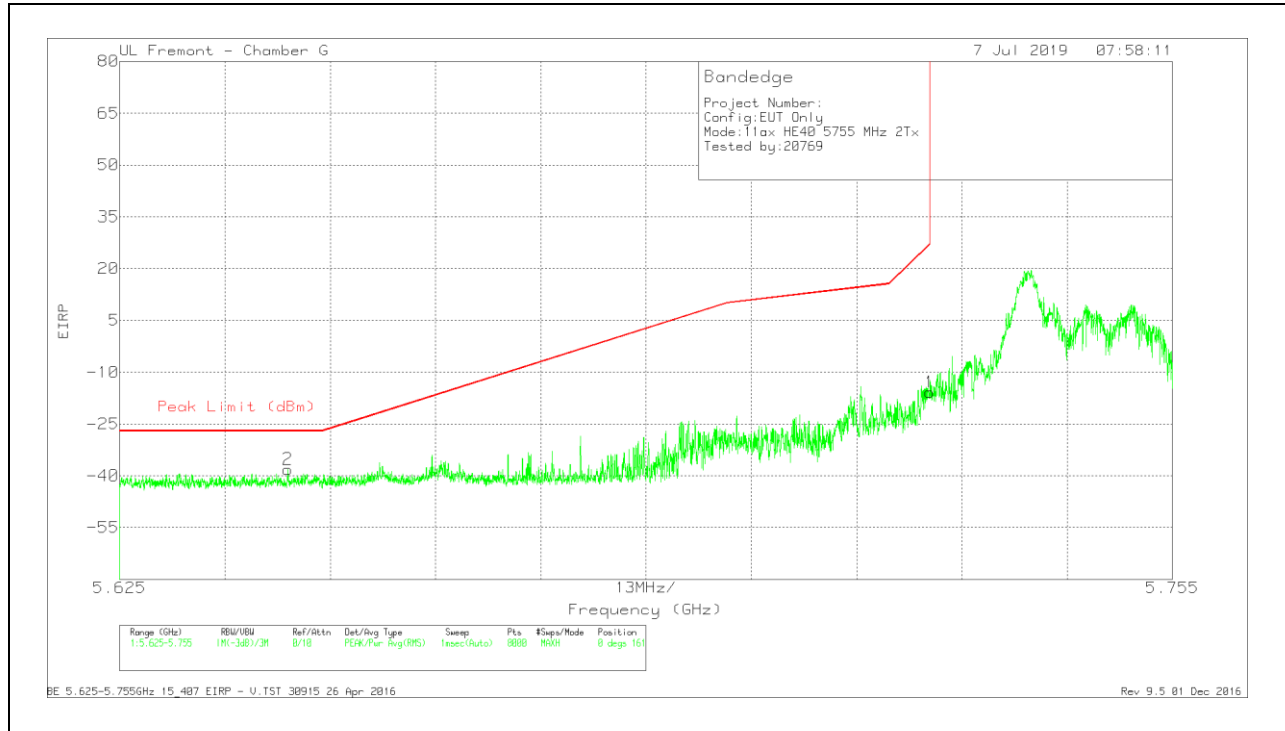
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651	-61.51	Pk	35	-20.2	11.8	-34.91	-26.46	-8.45	0	161	H
1	5.725	-36.49	Pk	35.1	-20	11.8	-9.59	26.96	-36.55	0	161	H

Pk - Peak detector

VERTICAL RESULT



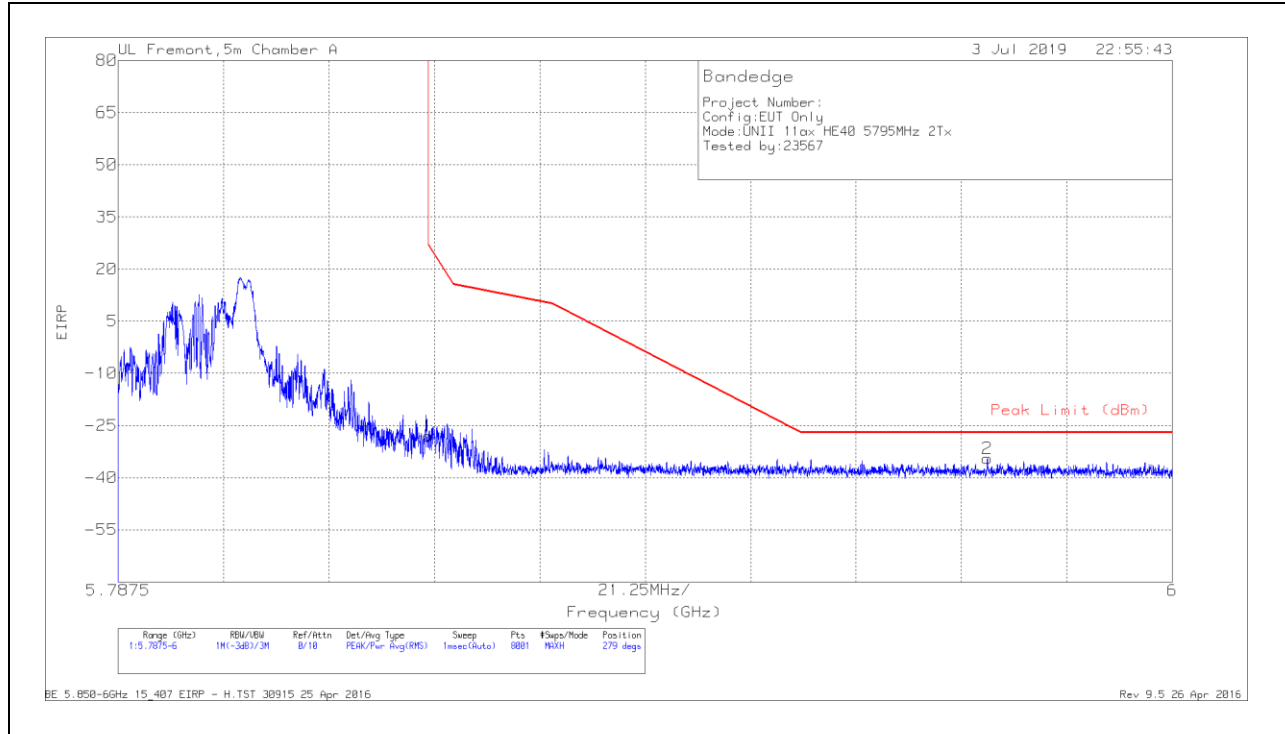
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.646	-64.82	Pk	35.1	-20.2	11.8	-38.12	-27	-11.12	0	161	V
1	5.725	-42.74	Pk	35.1	-20	11.8	-15.84	27	-42.84	0	161	V

Pk - Peak detector

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

BANDEGE (HIGH CHANNEL)

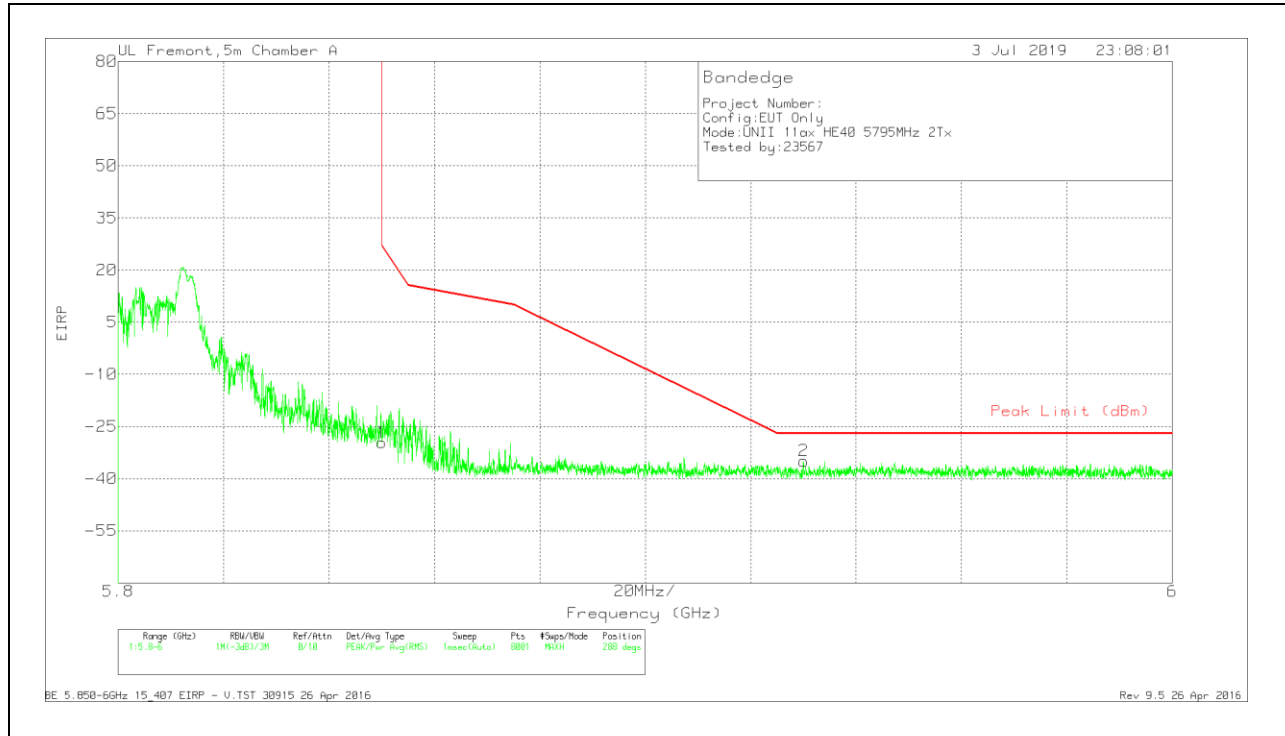
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.97	Pk	35.1	-16.9	11.8	-27.97	26.99	-54.96	279	163	H
2	5.963	-65.22	Pk	35.5	-16.6	11.8	-34.52	-27	-7.52	279	163	H

Pk - Peak detector

VERTICAL RESULT



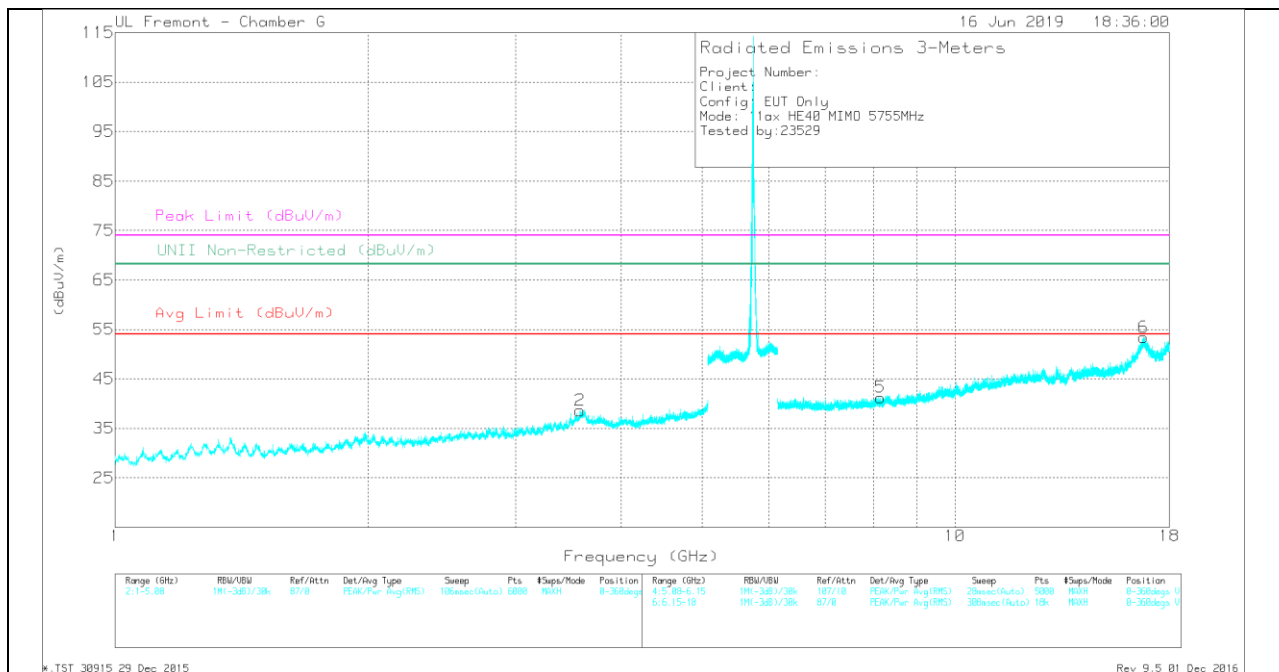
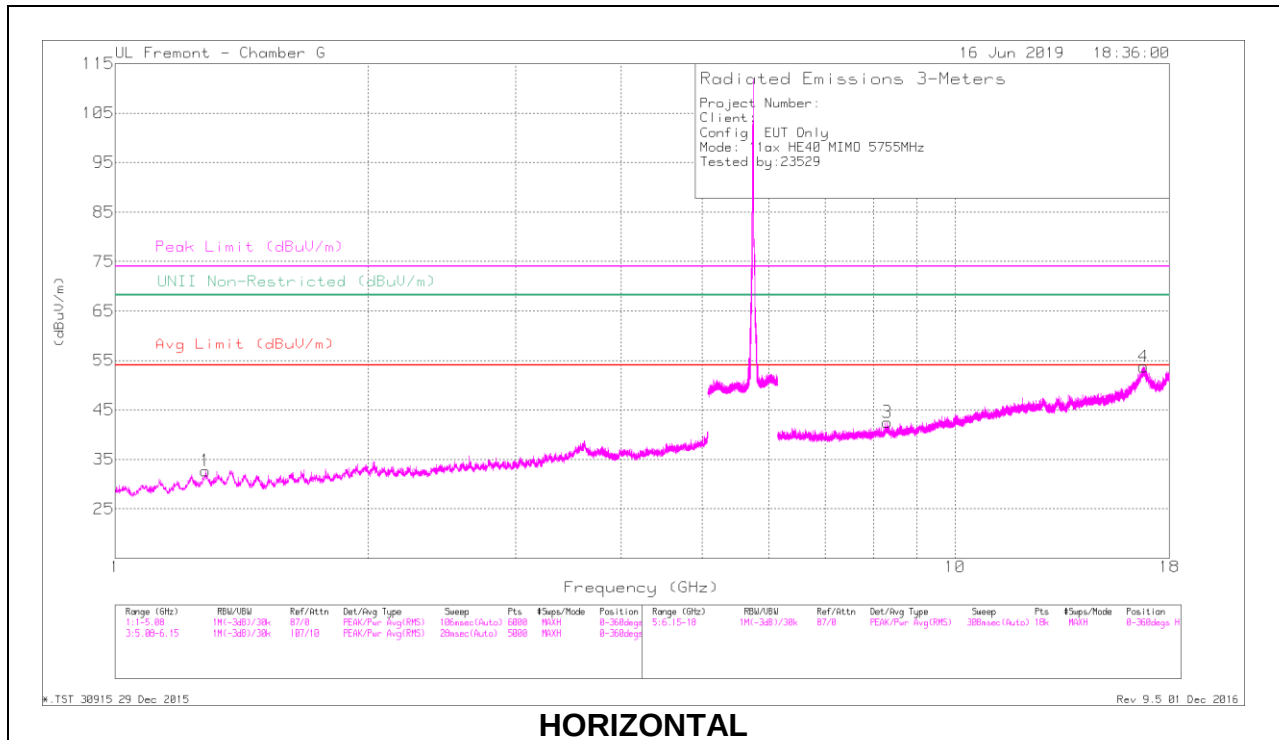
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.61	Pk	35.1	-16.9	11.8	-29.61	26.94	-56.55	288	115	V
2	5.93	-65.43	Pk	35.3	-16.6	11.8	-34.93	-27	-7.93	288	115	V

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



VERTICAL

RADIATED EMISSIONS

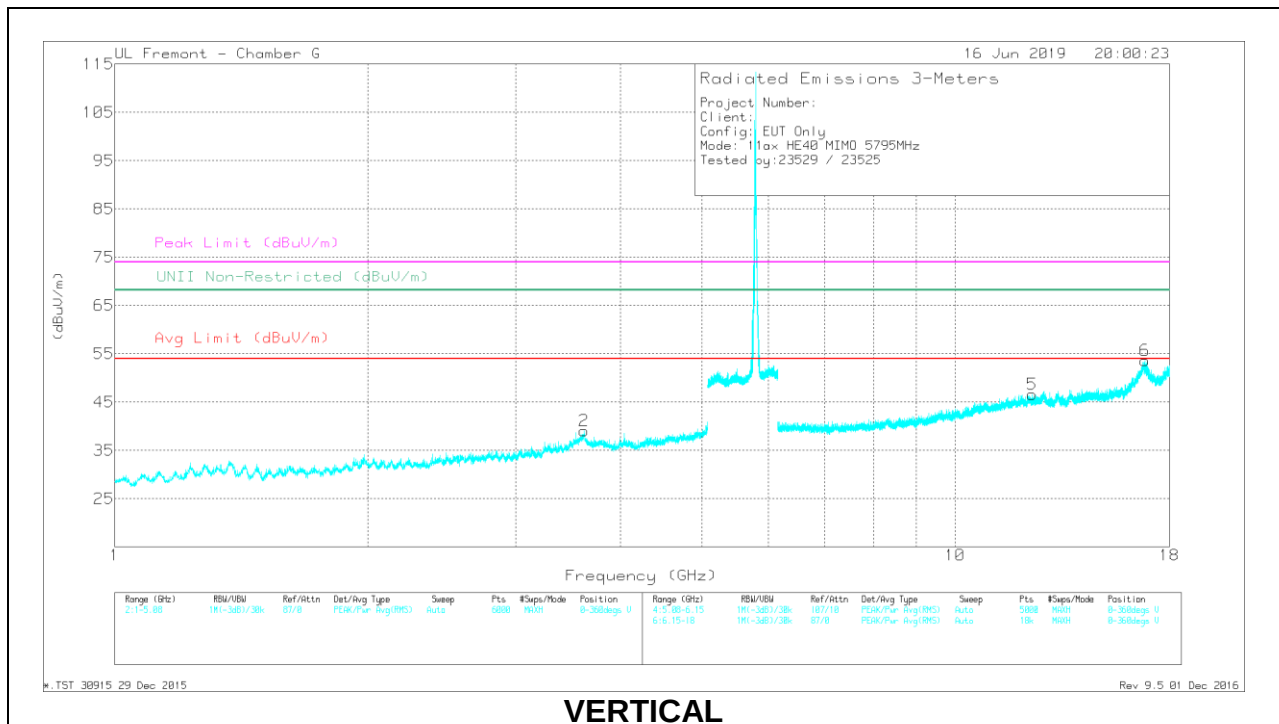
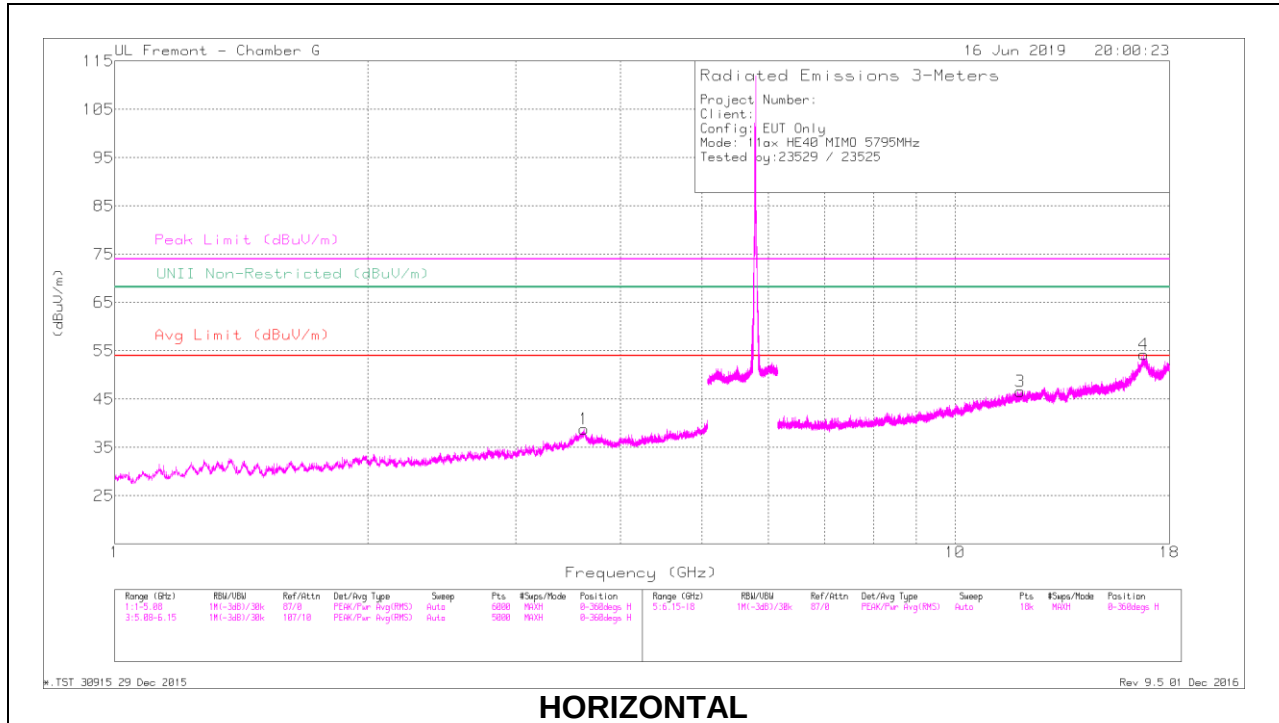
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.282	43.85	PK-U	29.7	-33.3	40.25	-	-	74	-33.75	-	-	269	197	H
	* 1.28	31.45	ADR	29.8	-33.2	28.05	54	-25.95	-	-	-	-	269	197	H
2	* 3.577	41.23	PK-U	35.2	-30.1	46.33	-	-	74	-27.67	-	-	103	237	V
	* 3.577	29.73	ADR	35.2	-30.1	34.83	54	-19.17	-	-	-	-	103	237	V
3	* 8.303	38.43	PK-U	36.1	-25.6	48.93	-	-	74	-25.07	-	-	252	278	H
	* 8.303	27.02	ADR	36.1	-25.6	37.52	54	-16.48	-	-	-	-	252	278	H
4	* 8.154	39.88	PK-U	36.1	-26.7	49.28	-	-	74	-24.72	-	-	137	177	V
	* 8.155	27.31	ADR	36.1	-26.7	36.71	54	-17.29	-	-	-	-	137	177	V
4	16.772	36.06	PK-U	41.8	-17.1	60.76	-	-	-	-	68.2	-7.44	201	282	H
6	16.772	35.84	PK-U	41.8	-17.1	60.54	-	-	-	-	68.2	-7.66	263	229	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.617	39.83	PK-U	35.7	-30.3	45.23	-	-	74	-28.77	-	-	215	130	H
	* 3.62	29.1	ADR	35.7	-30.3	34.5	54	-19.5	-	-	-	-	215	130	H
2	* 3.617	40.08	PK-U	35.6	-30.3	45.38	-	-	74	-28.62	-	-	100	197	V
	* 3.62	29.11	ADR	35.7	-30.3	34.51	54	-19.49	-	-	-	-	100	197	V
3	* 11.967	36.02	PK-U	39.5	-22.8	52.72	-	-	74	-21.28	-	-	303	237	H
	* 11.967	25.09	ADR	39.4	-22.8	41.69	54	-12.31	-	-	-	-	303	237	H
5	* 12.349	36.31	PK-U	39.5	-23.2	52.61	-	-	74	-21.39	-	-	250	187	V
	* 12.352	25.25	ADR	39.5	-23.2	41.55	54	-12.45	-	-	-	-	250	187	V
4	16.771	36.87	PK-U	41.8	-17.1	61.57	-	-	-	-	68.2	-6.63	111	297	H
6	16.826	35.74	PK-U	41.7	-17.6	59.84	-	-	-	-	68.2	-8.36	206	226	V

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

PK-U - U-NII: Maximum Peak

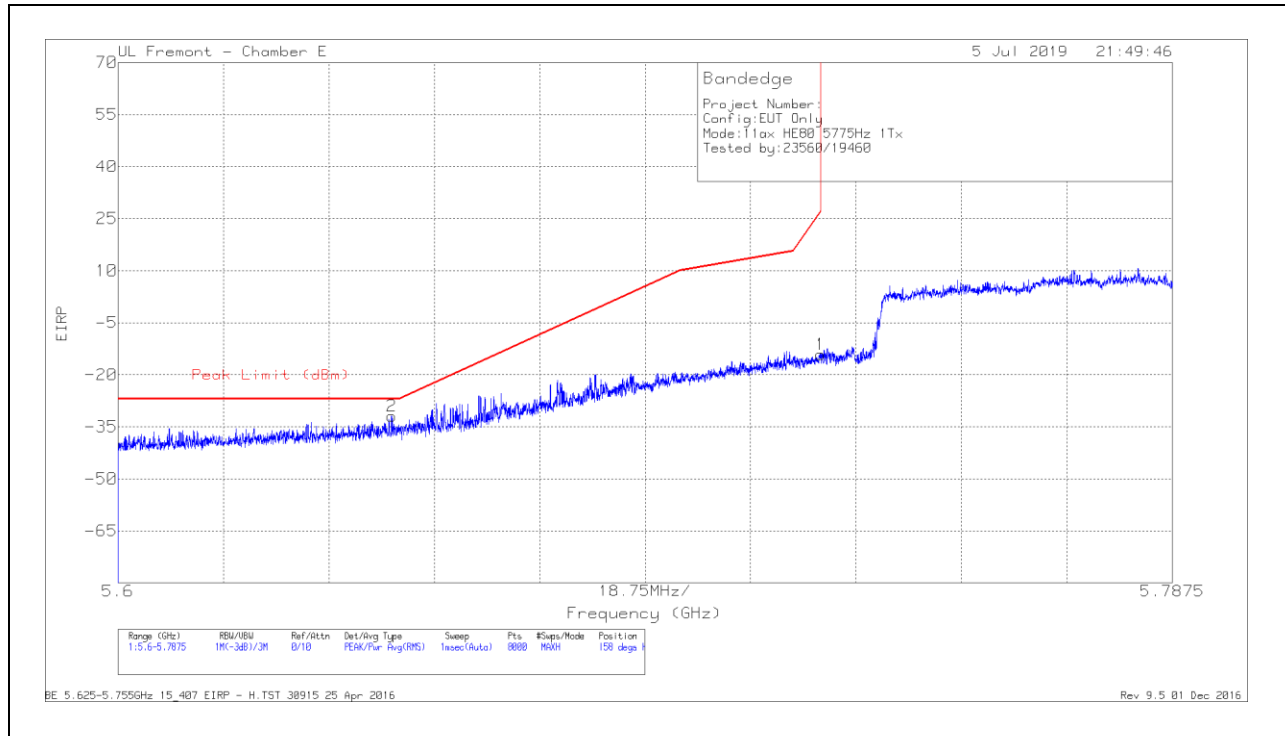
ADR - U-NII AD primary method, RMS average

1.1.24. 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)

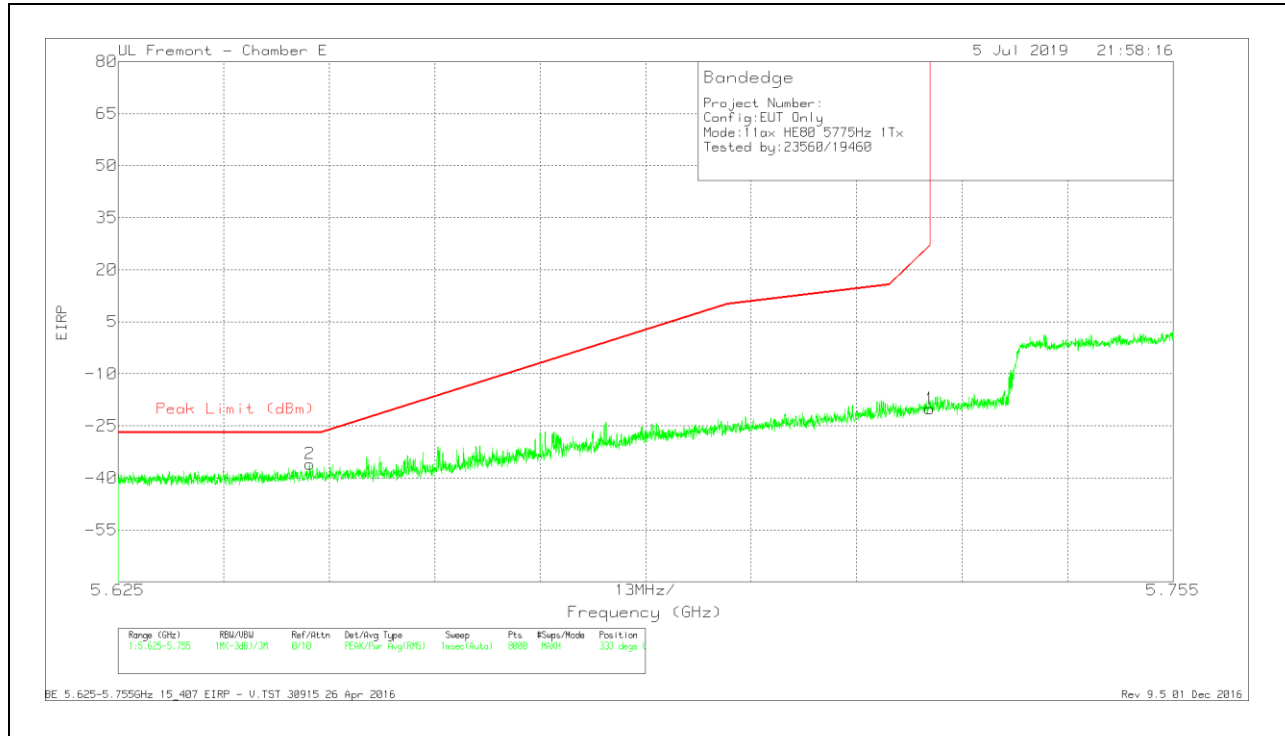
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-57.2	Pk	34.8	-21.3	11.8	-31.9	-27	-4.9	158	218	H
1	5.725	-39.84	Pk	34.8	-20.9	11.8	-14.14	26.96	-41.1	158	218	H

Pk - Peak detector

VERTICAL RESULT

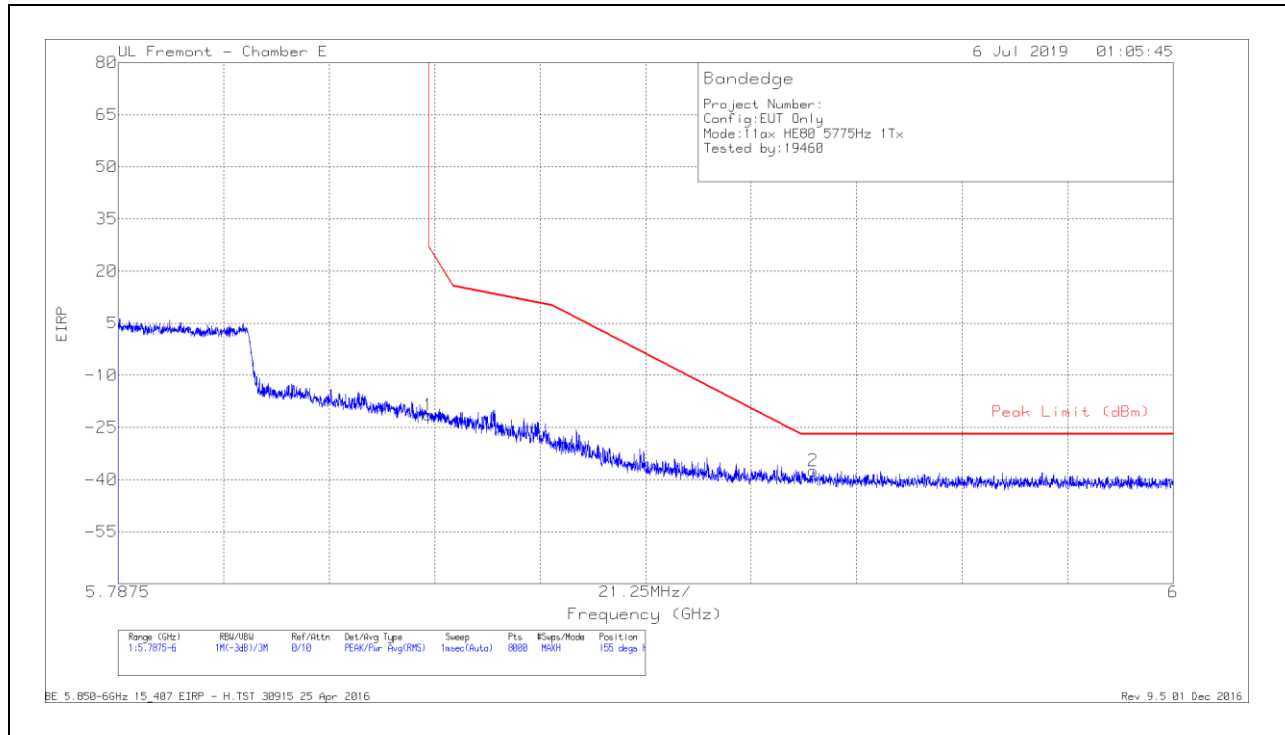


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.649	-61.27	Pk	34.8	-21.3	11.8	-35.97	-27	-8.97	333	217	V
1	5.725	-45.78	Pk	34.8	-20.9	11.8	-20.08	27	-47.08	333	217	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

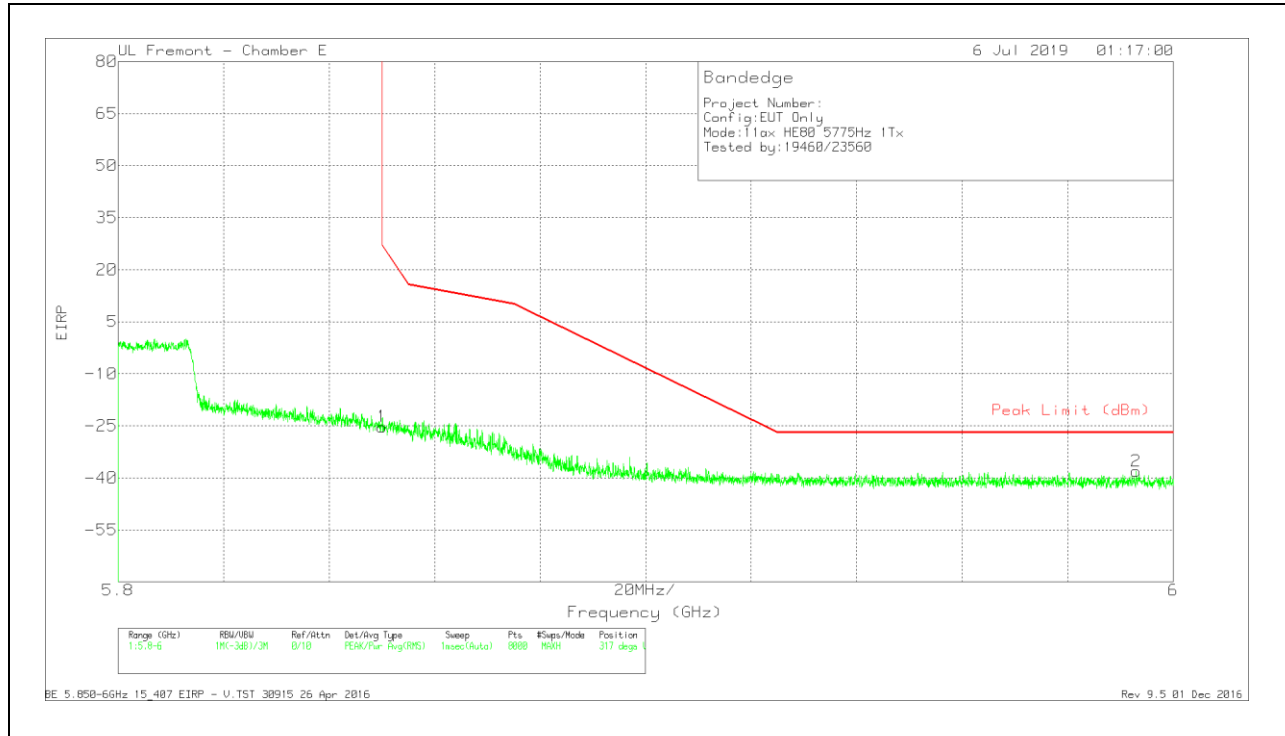
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.58	Pk	34.9	-20.5	11.8	-21.38	26.98	-48.36	155	259	H
2	5.927	-63.65	Pk	35.1	-20.7	11.8	-37.45	-27	-10.45	155	259	H

Pk - Peak detector

VERTICAL RESULT



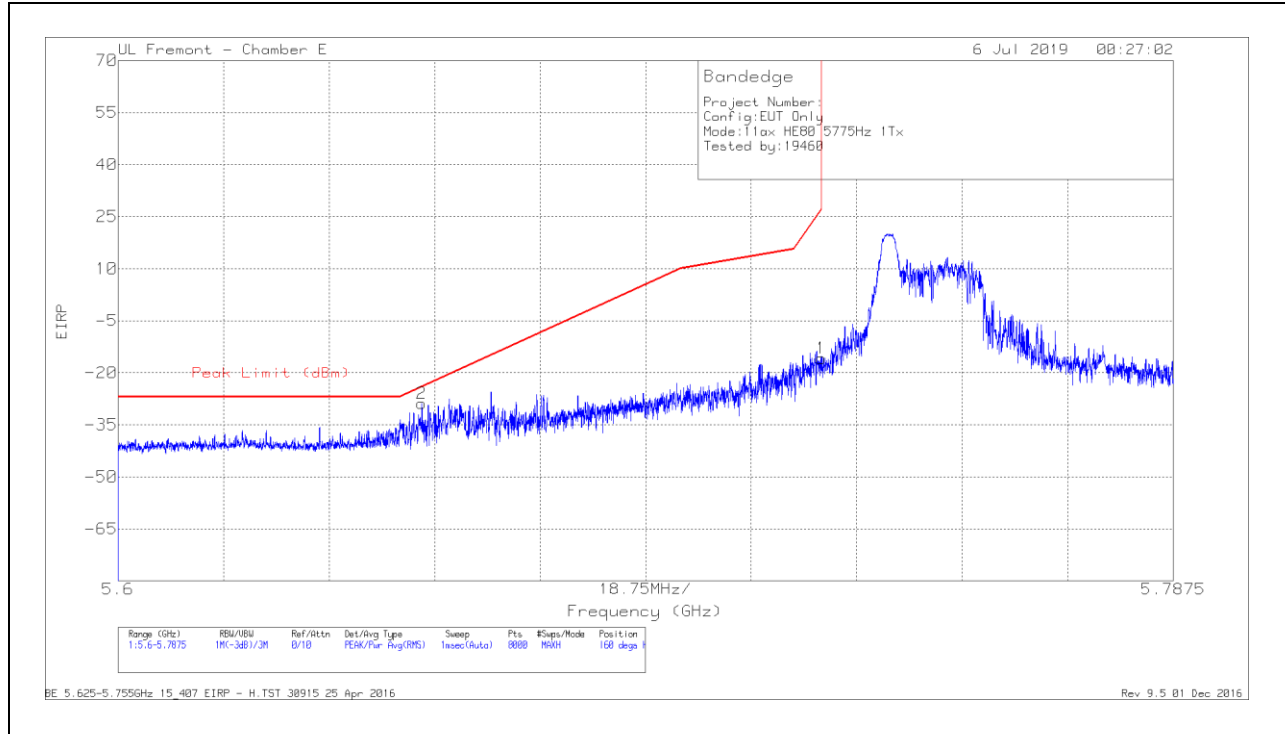
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.48	Pk	34.9	-20.5	11.8	-25.28	26.99	-52.27	317	252	V
2	5.993	-64.56	Pk	35.1	-20.4	11.8	-38.06	-27	-11.06	317	252	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 LOW EDGE)

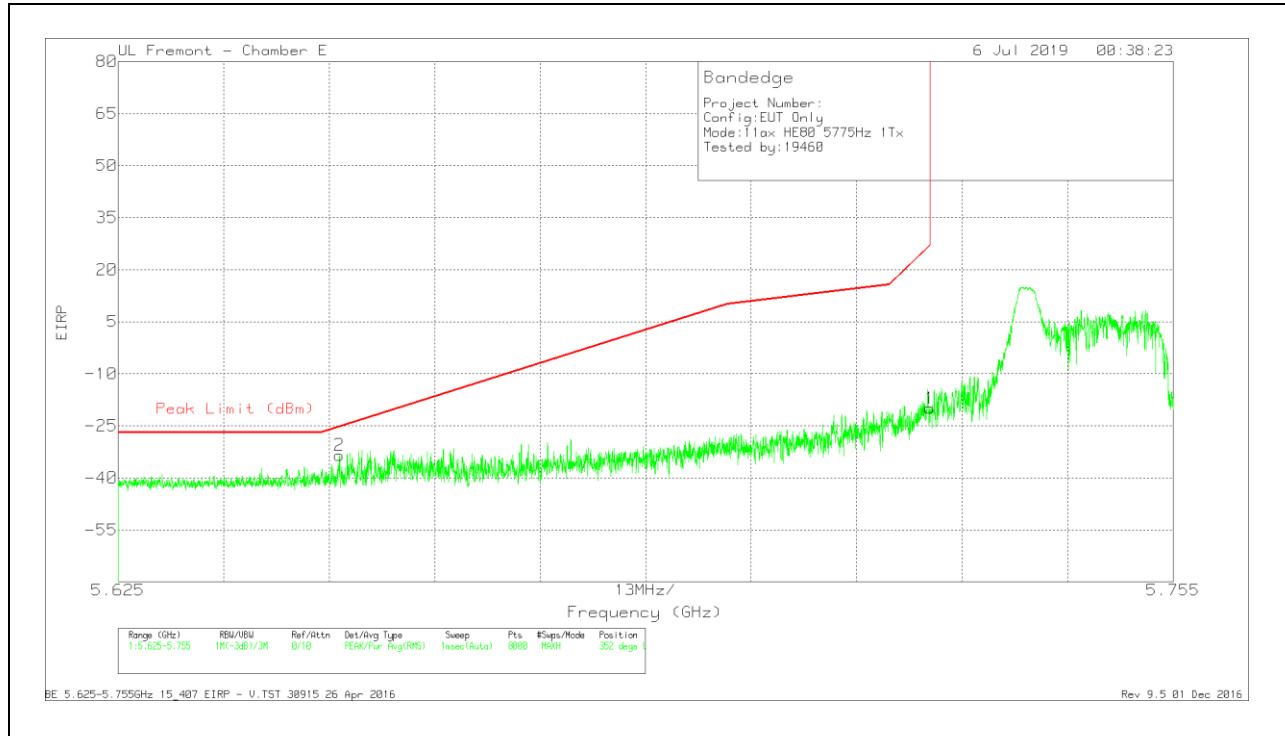
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.654	-54.15	Pk	34.8	-21.3	11.8	-28.85	-24.07	-4.78	160	205	H
1	5.725	-41.55	Pk	34.8	-20.9	11.8	-15.85	26.96	-42.81	160	205	H

Pk - Peak detector

VERTICAL RESULT



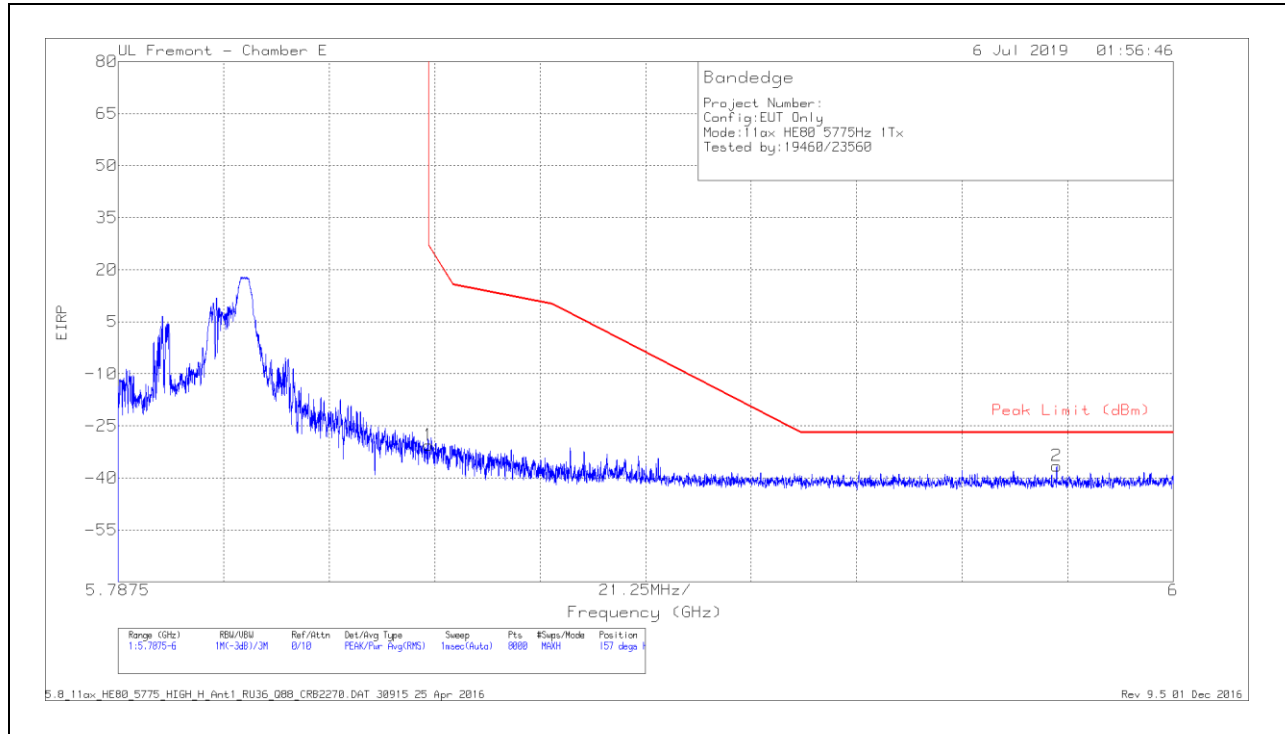
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.652	-58.78	Pk	34.8	-21.3	11.8	-33.48	-25.31	-8.17	352	153	V
1	5.725	-45.63	Pk	34.8	-20.9	11.8	-19.93	27	-46.93	352	153	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 HIGH EDGE)

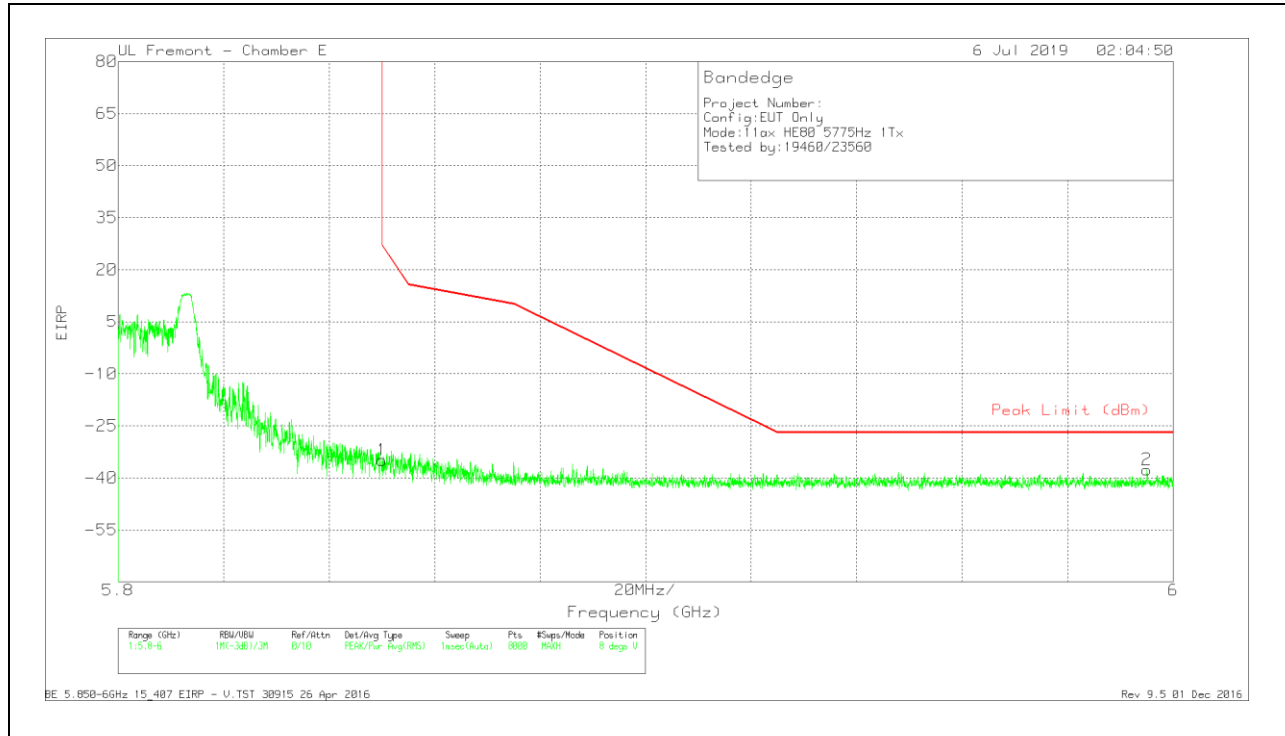
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.76	Pk	34.9	-20.5	11.8	-30.56	26.98	-57.54	157	199	H
2	5.977	-62.91	Pk	35.2	-20.6	11.8	-36.51	-27	-9.51	157	199	H

Pk - Peak detector

VERTICAL RESULT



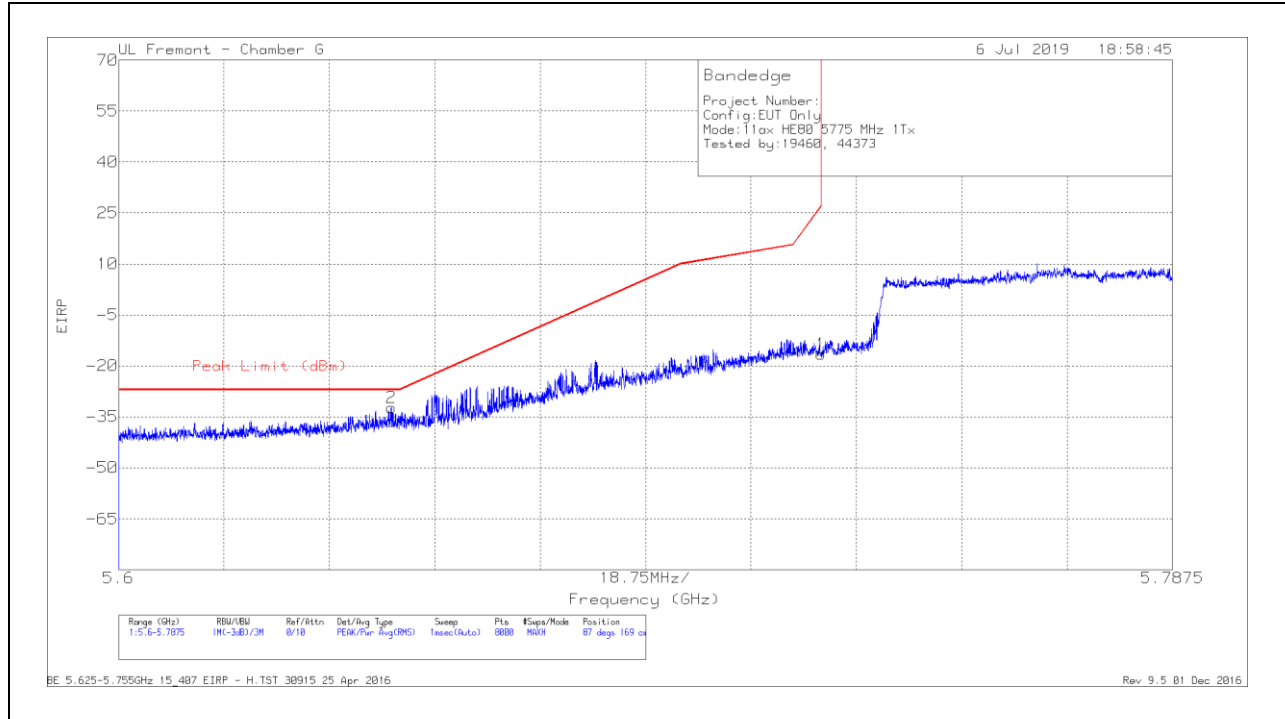
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-61.07	Pk	34.9	-20.5	11.8	-34.87	26.99	-61.86	8	194	V
2	5.995	-64.11	Pk	35.1	-20.4	11.8	-37.61	-27	-10.61	8	194	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 LOW EDGE)

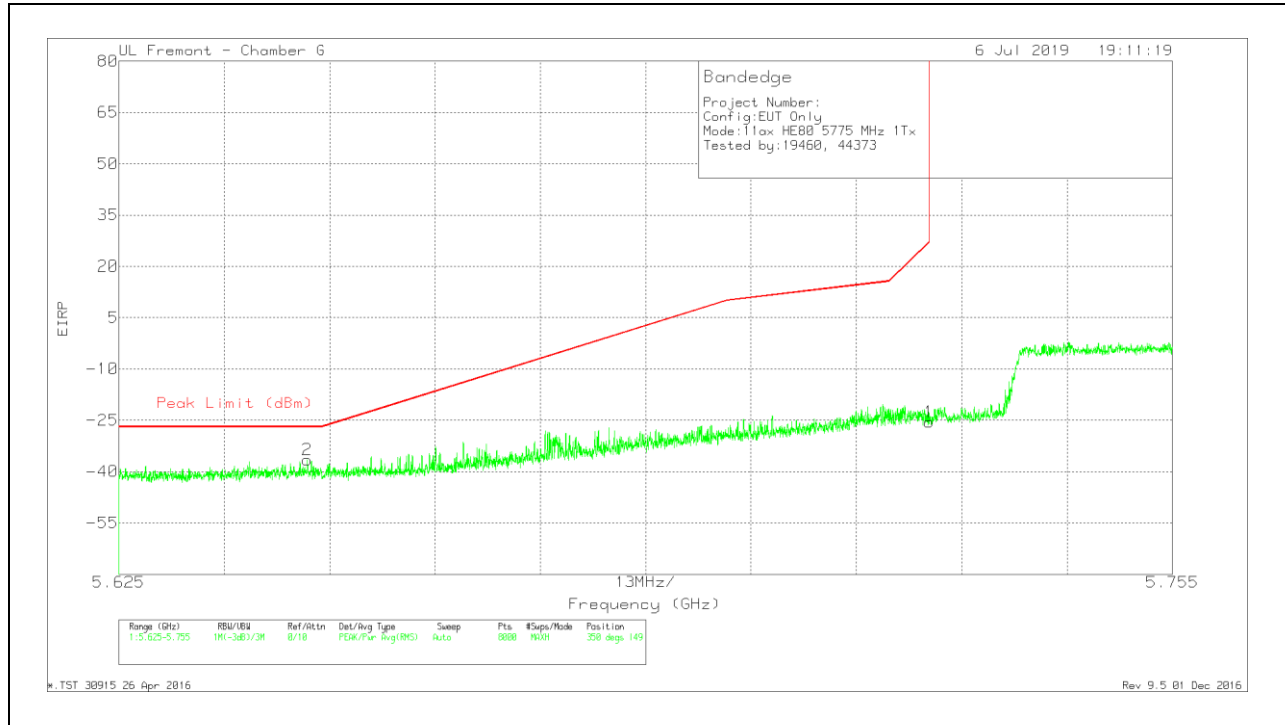
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-58.93	Pk	35	-20.2	11.8	-32.33	-27	-5.33	87	169	H
1	5.725	-43.48	Pk	35.1	-20	11.8	-16.58	26.96	-43.54	87	169	H

Pk - Peak detector

VERTICAL RESULT

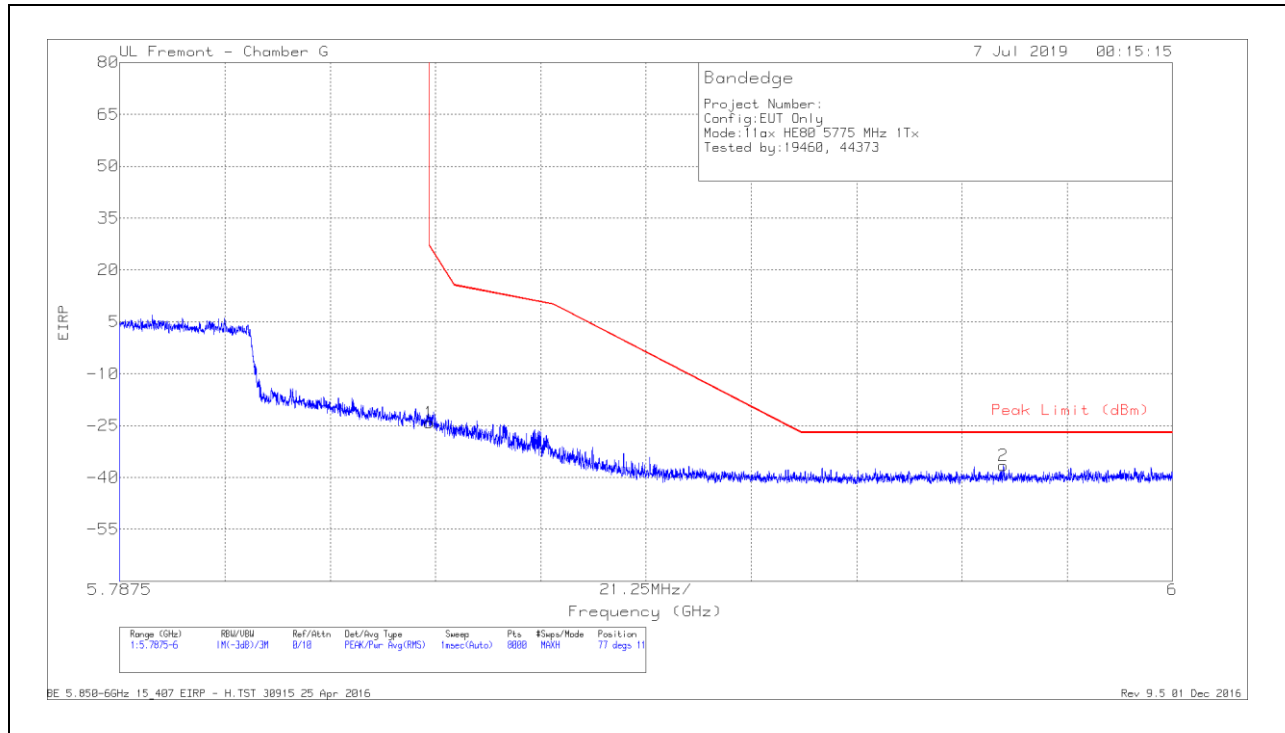


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-63.26	Pk	35.1	-20.2	11.8	-36.56	-27	-9.56	350	149	V
1	5.725	-52.41	Pk	35.1	-20	11.8	-25.51	27	-52.51	350	149	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

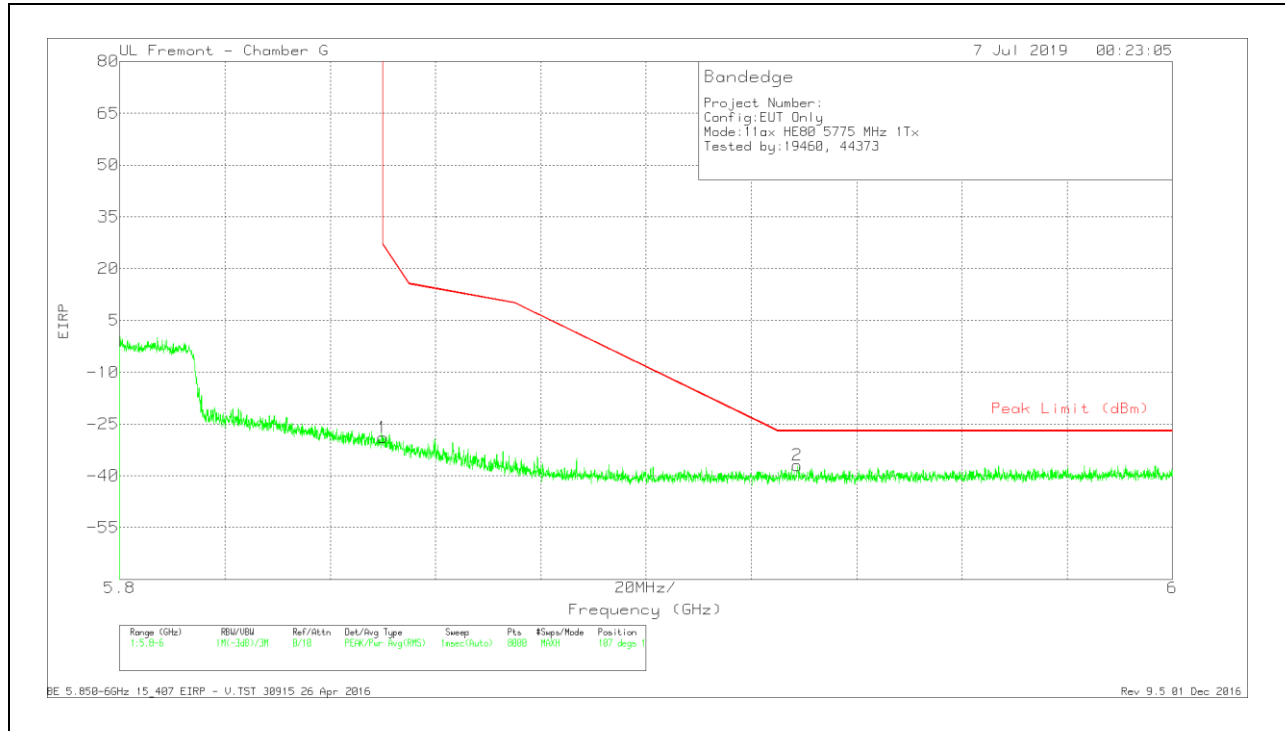
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-51.49	Pk	35.4	-19.9	11.8	-24.19	26.98	-51.17	77	117	H
2	5.966	-64.07	Pk	35.7	-20	11.8	-36.57	-27	-9.57	77	117	H

Pk - Peak detector

VERTICAL RESULT



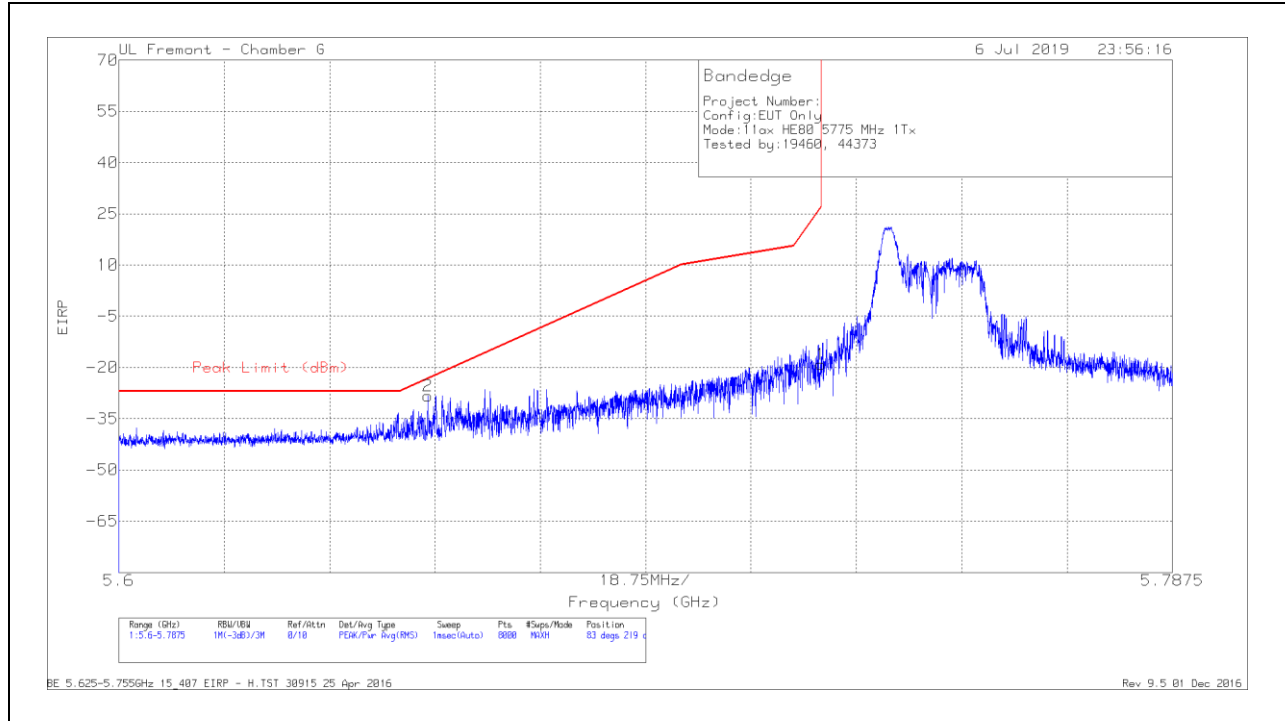
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.22	Pk	35.4	-19.9	11.8	-28.92	26.99	-55.91	107	110	V
2	5.929	-64.19	Pk	35.7	-20.3	11.8	-36.99	-27	-9.99	107	110	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 LOW EDGE)

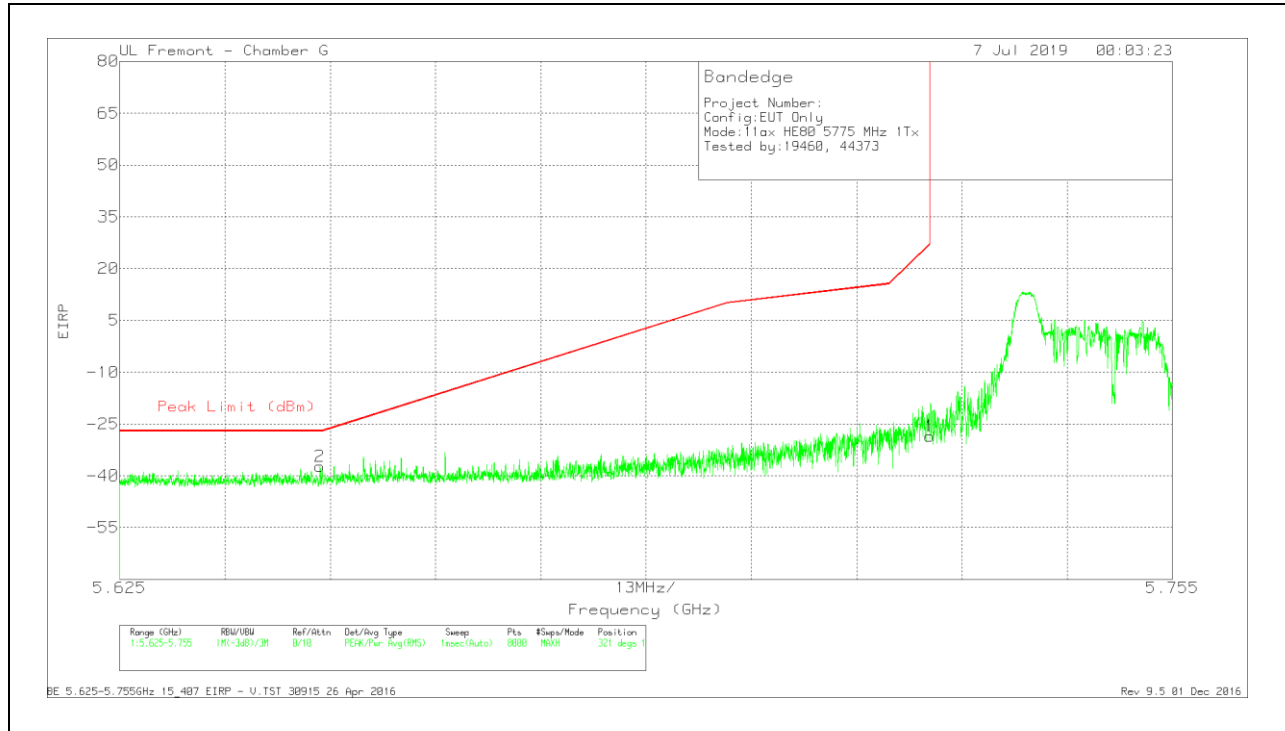
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.655	-54.96	Pk	35	-20.2	11.8	-28.36	-23.31	-5.05	83	219	H
1	5.725	-45.96	Pk	35.1	-20	11.8	-19.06	26.96	-46.02	83	219	H

Pk - Peak detector

VERTICAL RESULT



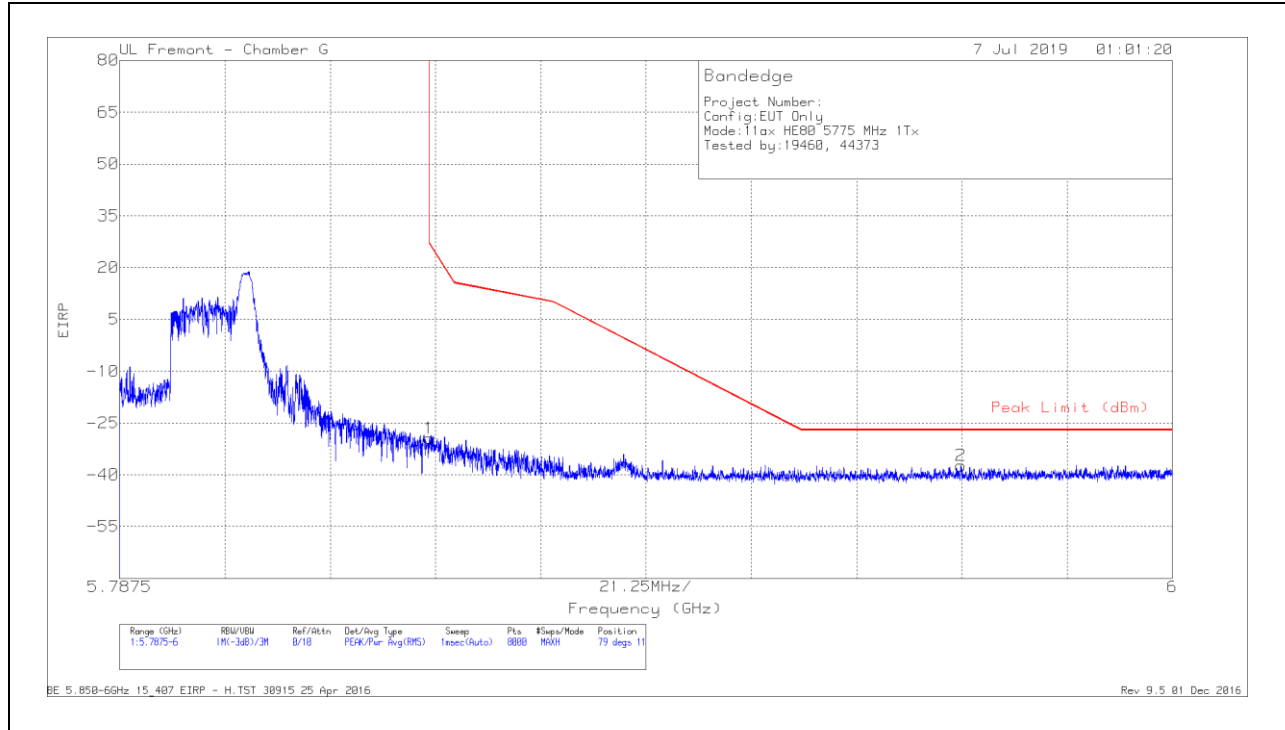
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-63.89	Pk	35	-20.2	11.8	-37.29	-27	-10.29	321	174	V
1	5.725	-55.47	Pk	35.1	-20	11.8	-28.57	27	-55.57	321	174	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 HIGH EDGE)

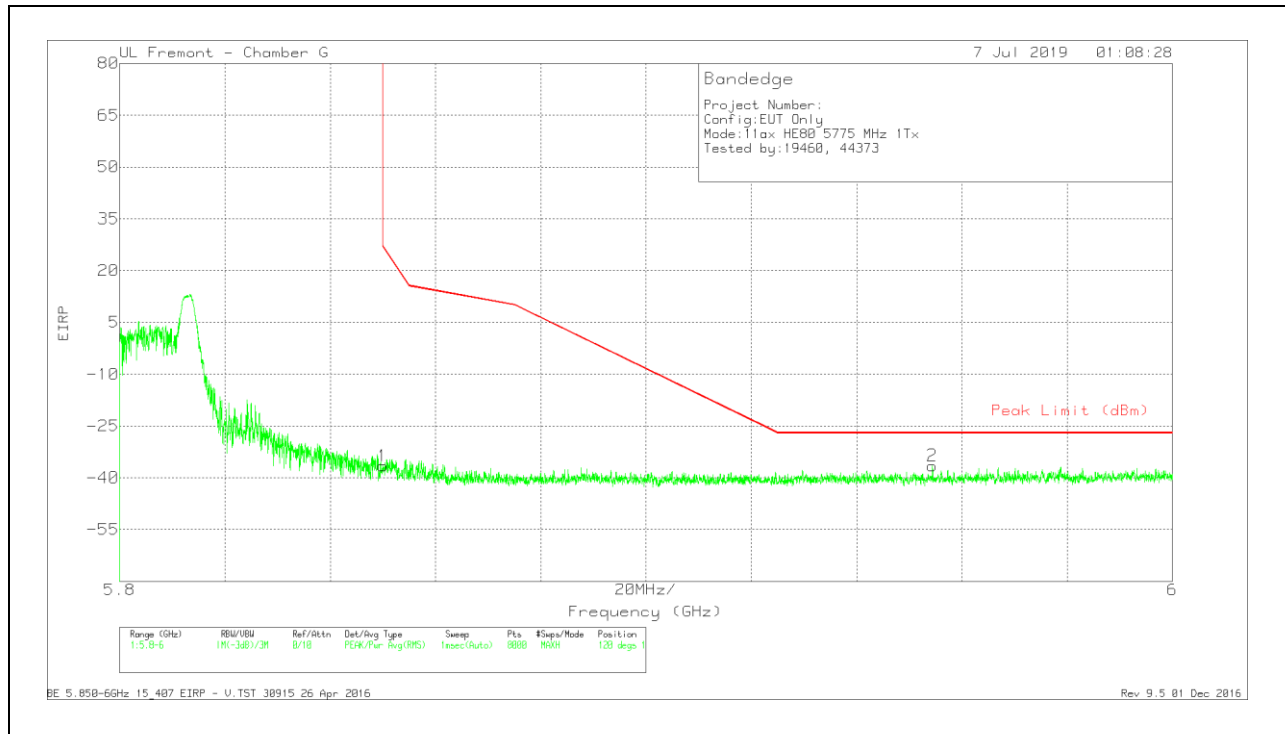
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.72	Pk	35.4	-19.9	11.8	-29.42	26.98	-56.4	79	117	H
2	5.957	-64.64	Pk	35.6	-20.1	11.8	-37.34	-27	-10.34	79	117	H

Pk - Peak detector

VERTICAL RESULT



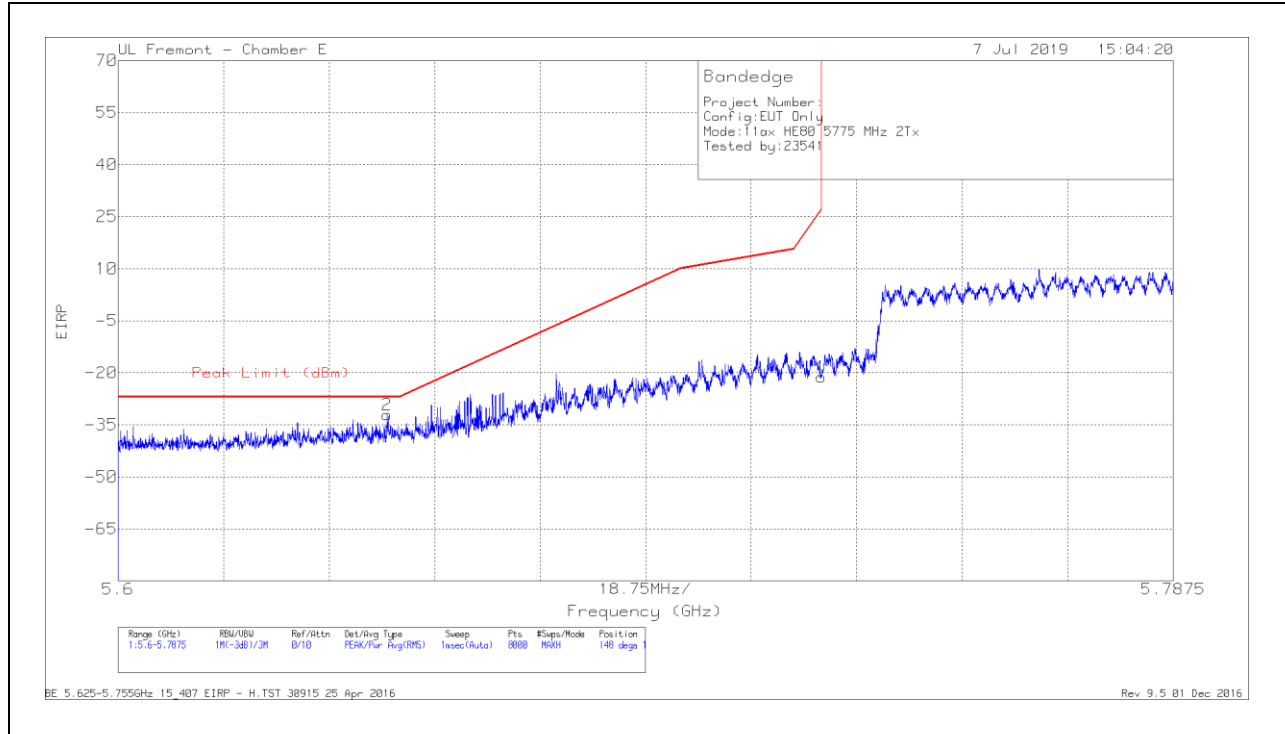
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T136 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.85	Pk	35.4	-19.9	11.8	-36.55	26.99	-63.54	120	111	V
2	5.954	-63.8	Pk	35.6	-20.1	11.8	-36.5	-27	-9.5	120	111	V

Pk - Peak detector

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

BANDEDGE (CHANNEL 155 LOW EDGE)

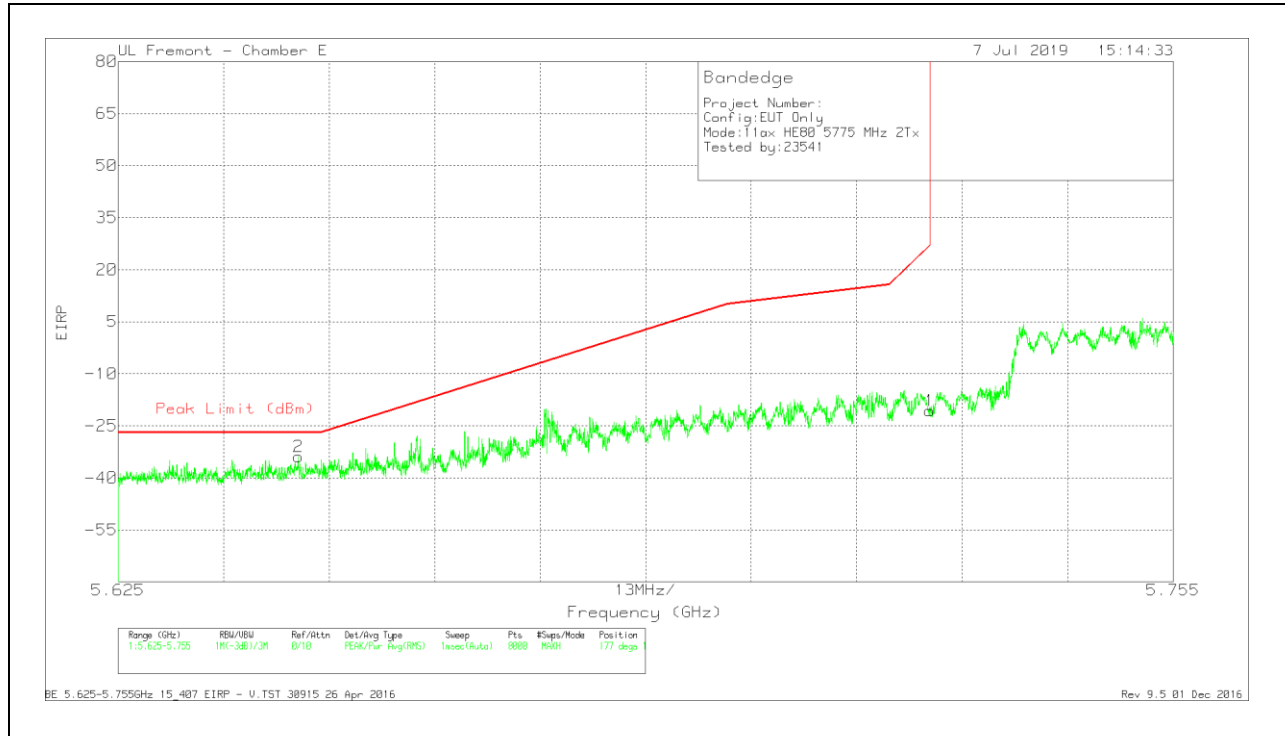
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-57.38	Pk	34.8	-21.3	11.8	-32.08	-27	-5.08	148	113	H
1	5.725	-46.91	Pk	34.8	-20.9	11.8	-21.21	26.96	-48.17	148	113	H

Pk - Peak detector

VERTICAL RESULT

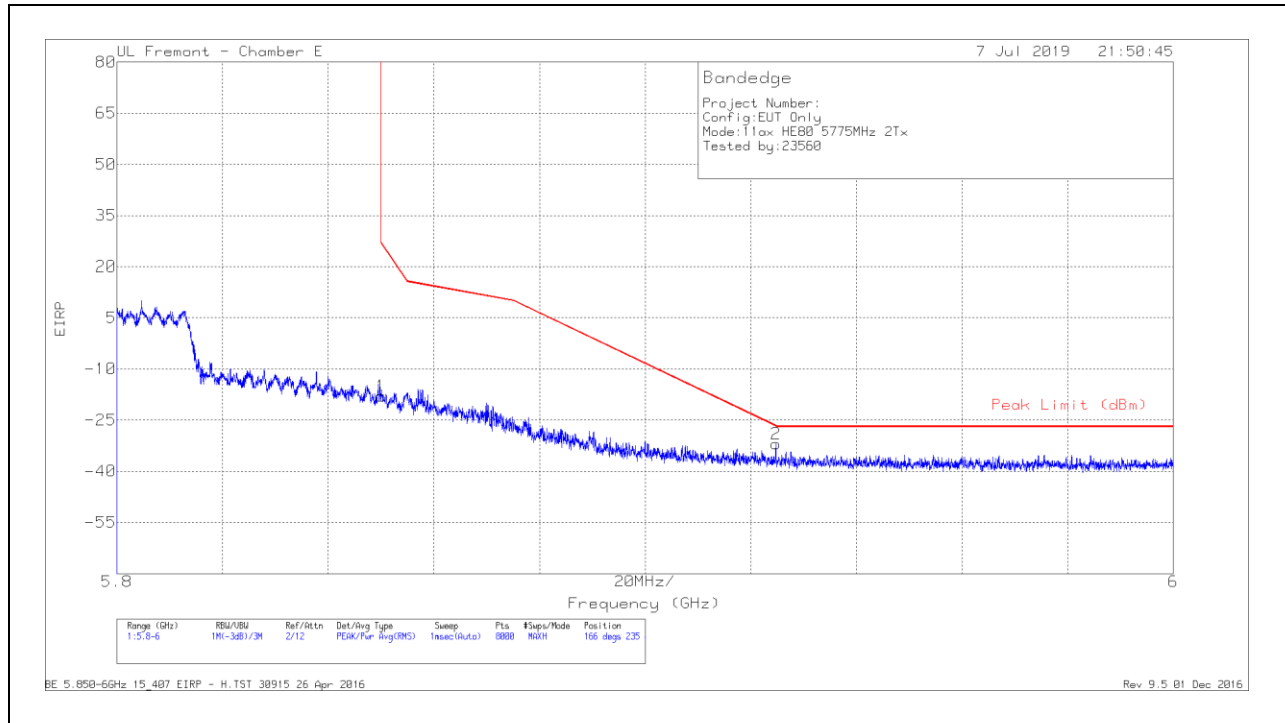


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-59.21	Pk	34.8	-21.3	11.8	-33.91	-27	-6.91	177	117	V
1	5.725	-46.33	Pk	34.8	-20.9	11.8	-20.63	27	-47.63	177	117	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

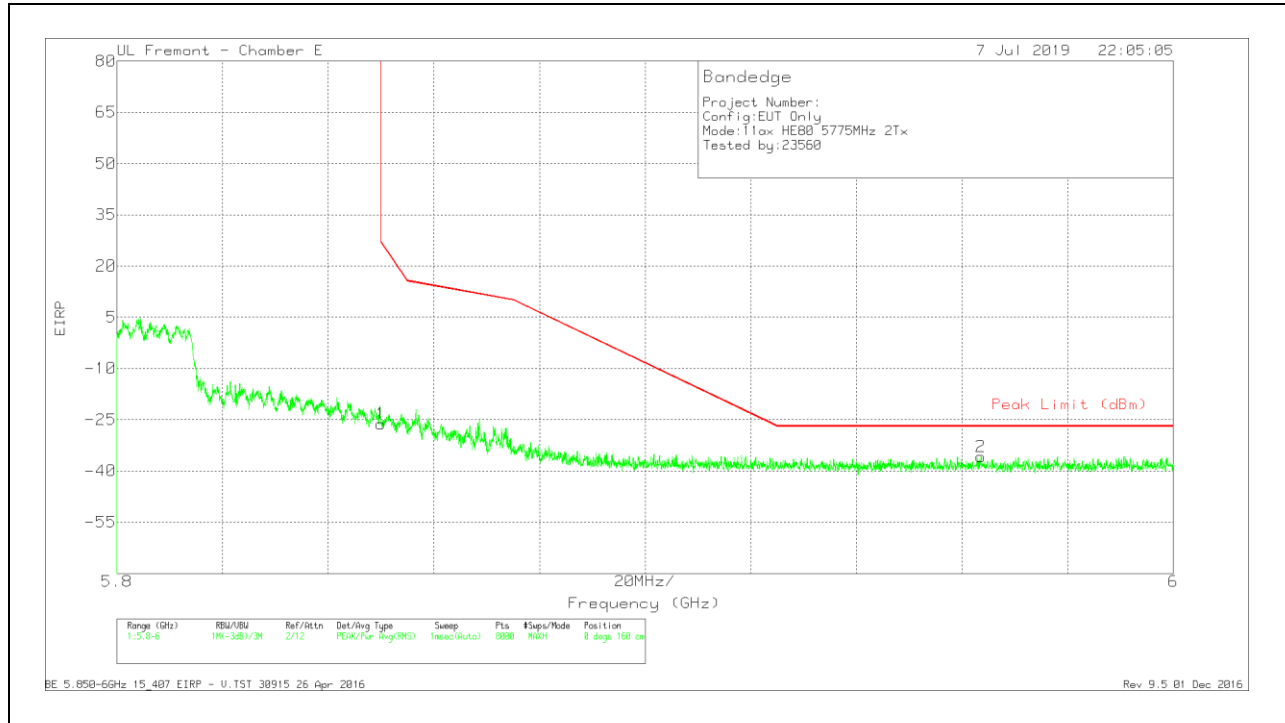
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-47.37	Pk	34.9	-17.3	11.8	-17.97	26.99	-44.96	166	235	H
2	5.925	-61.6	Pk	35	-17.1	11.8	-31.9	-26.83	-5.07	166	235	H

Pk - Peak detector

VERTICAL RESULT

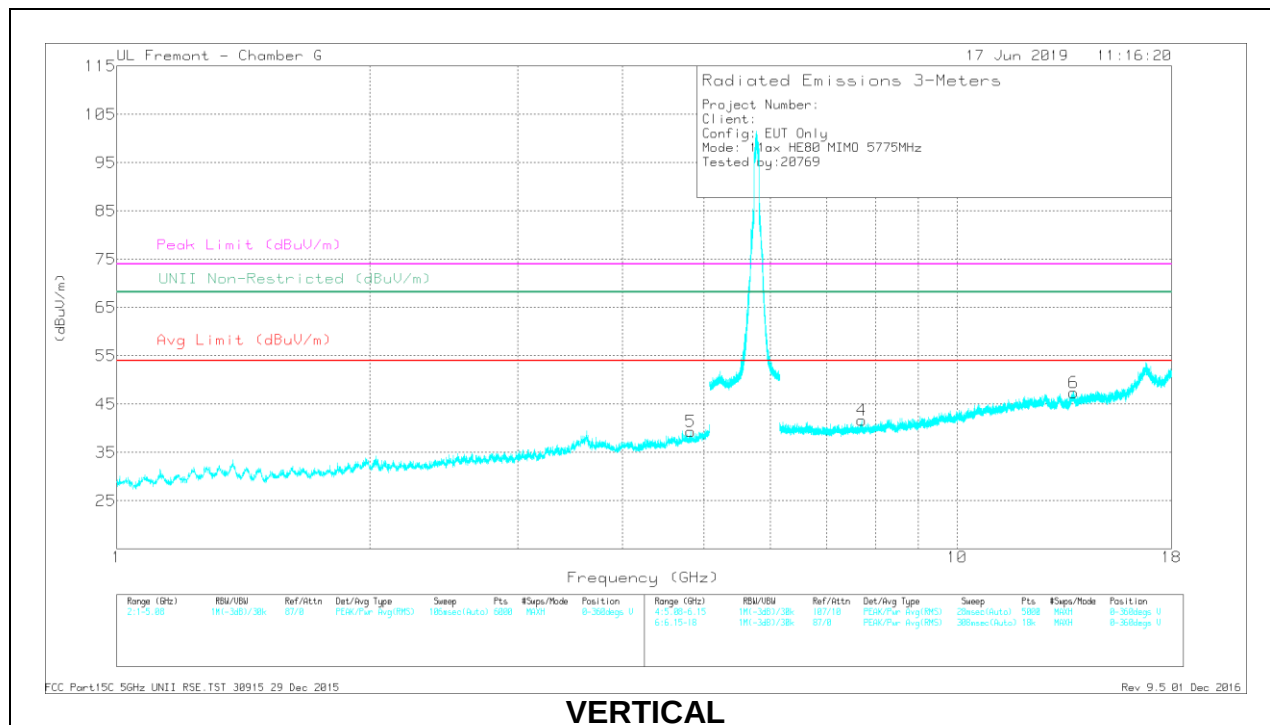
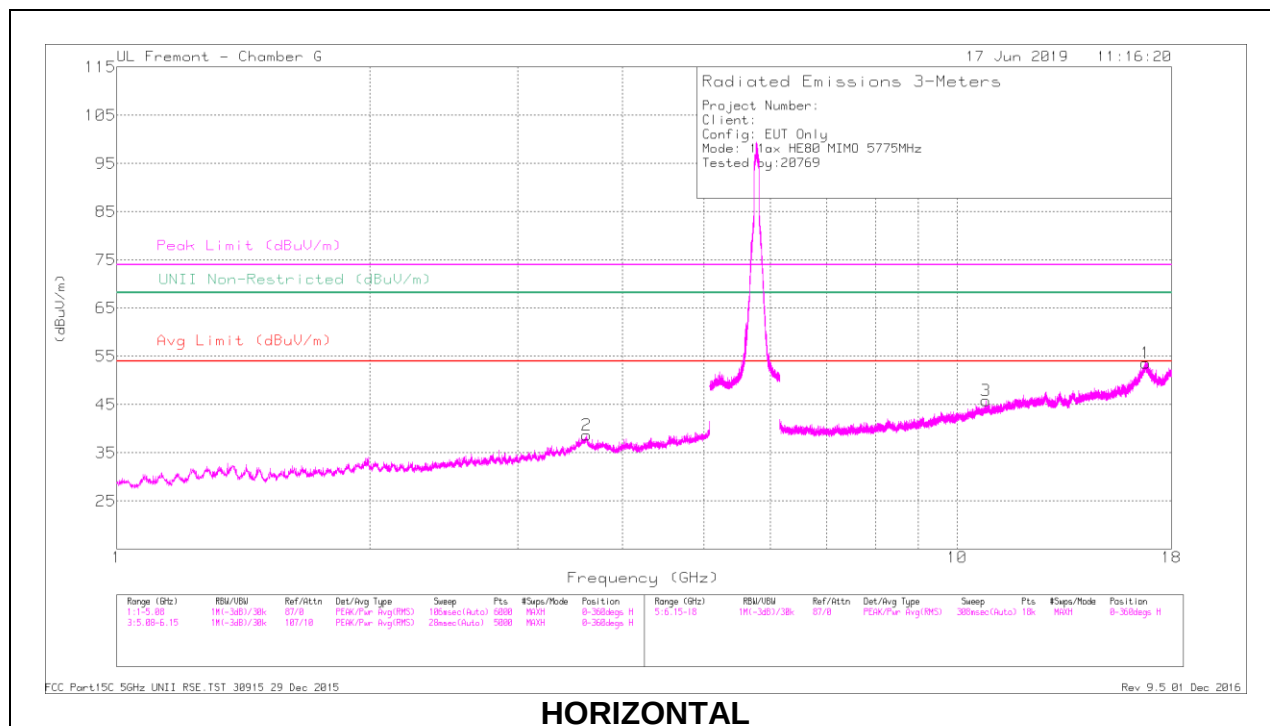


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-55.65	Pk	34.9	-17.3	11.8	-26.25	26.99	-53.24	0	160	V
2	5.964	-65.91	Pk	35.1	-16.8	11.8	-35.81	-27	-8.81	0	160	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.622	41.68	PK-U	35.6	-30.3	46.98	-	-	74	-27.02	-	-	350	266	H
	* 3.622	29.25	ADR	35.6	-30.3	34.55	54	-19.45	-	-	-	-	350	266	H
5	* 4.823	39.73	PK-U	34.3	-29.3	44.73	-	-	74	-29.27	-	-	43	185	V
	* 4.822	28.12	ADR	34.3	-29.3	33.12	54	-20.88	-	-	-	-	43	185	V
3	* 10.827	37.07	PK-U	38.3	-23.6	51.77	-	-	74	-22.23	-	-	212	283	H
	* 10.826	25.14	ADR	38.2	-23.6	39.74	54	-14.26	-	-	-	-	212	283	H
7	* 7.701	39.08	PK-U	36	-27.2	47.88	-	-	74	-26.12	-	-	126	268	V
	* 7.7	27.12	ADR	36.1	-27.2	36.02	54	-17.98	-	-	-	-	126	268	V
6	13.761	36.72	PK-U	39.5	-22.2	54.02	-	-	-	-	68.2	-14.18	282	159	V
1	16.774	36.58	PK-U	41.8	-17	61.38	-	-	-	-	68.2	-6.82	66	154	H

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

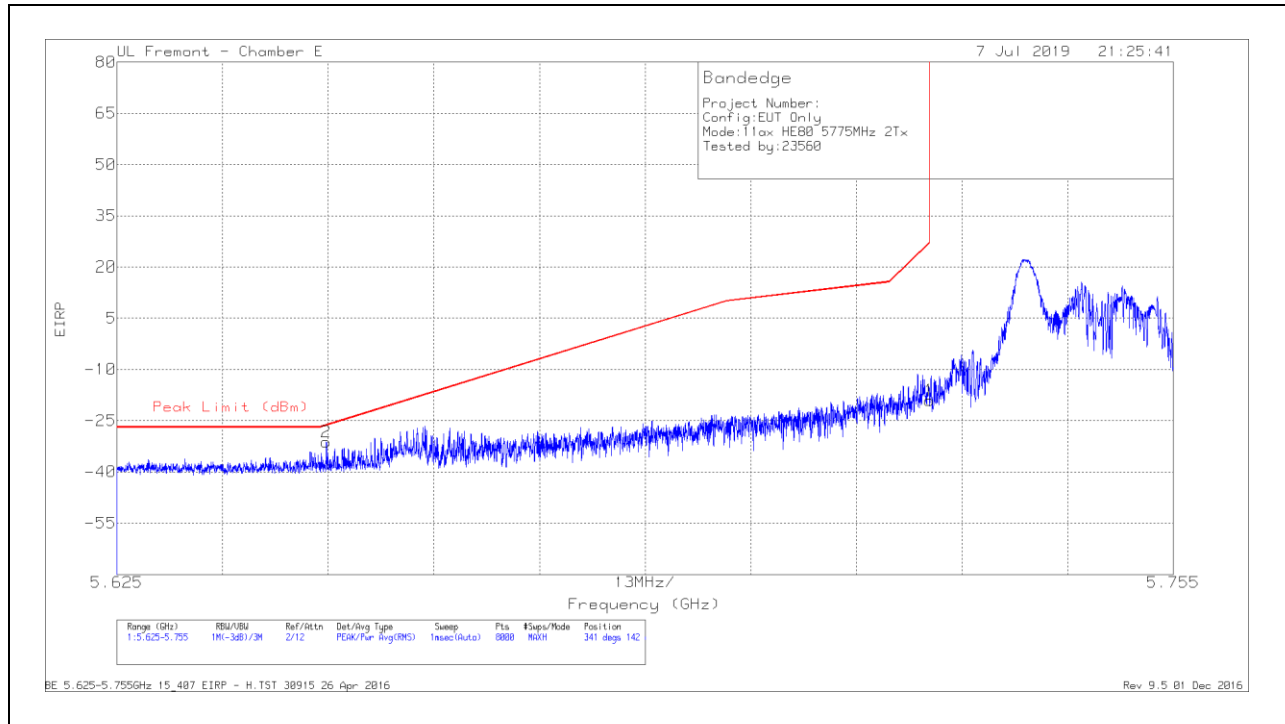
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (CHANNEL 155 LOW EDGE)

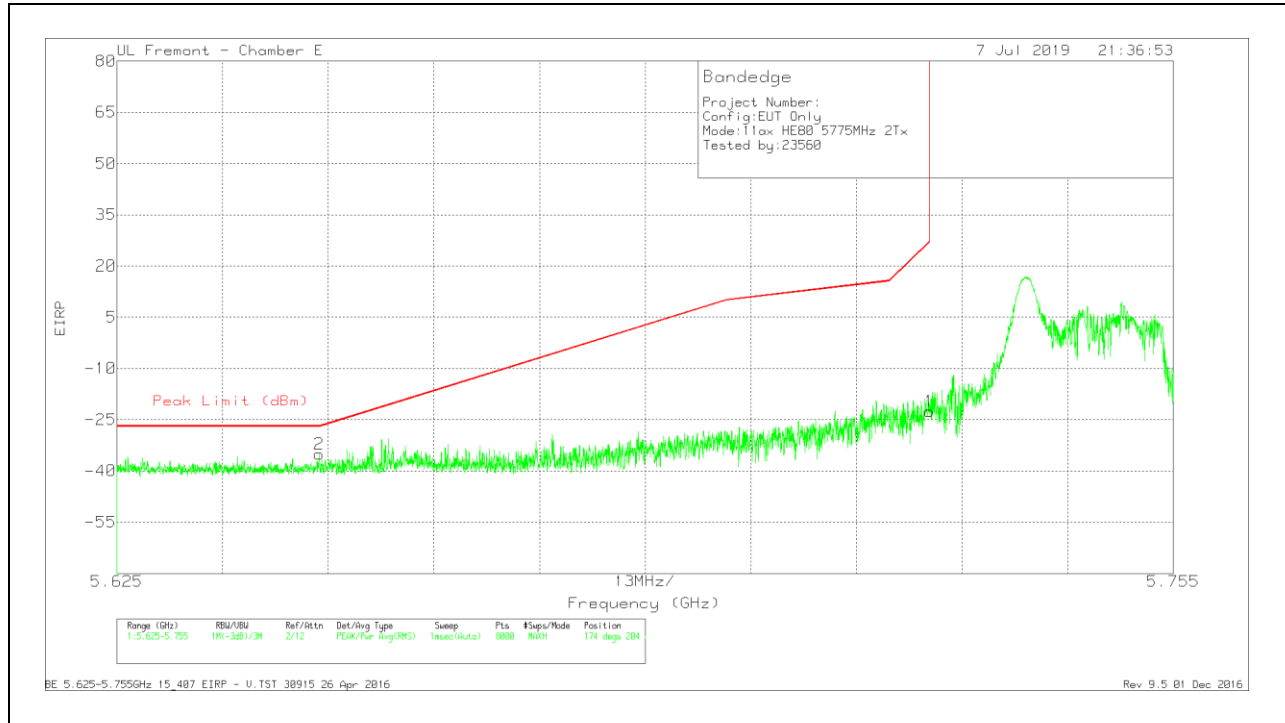
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.651	-60.34	Pk	34.8	-17.4	11.8	-31.14	-26.43	-4.71	341	142	H
1	5.725	-48.28	Pk	34.8	-17.3	11.8	-18.98	27	-45.98	341	142	H

Pk - Peak detector

VERTICAL RESULT



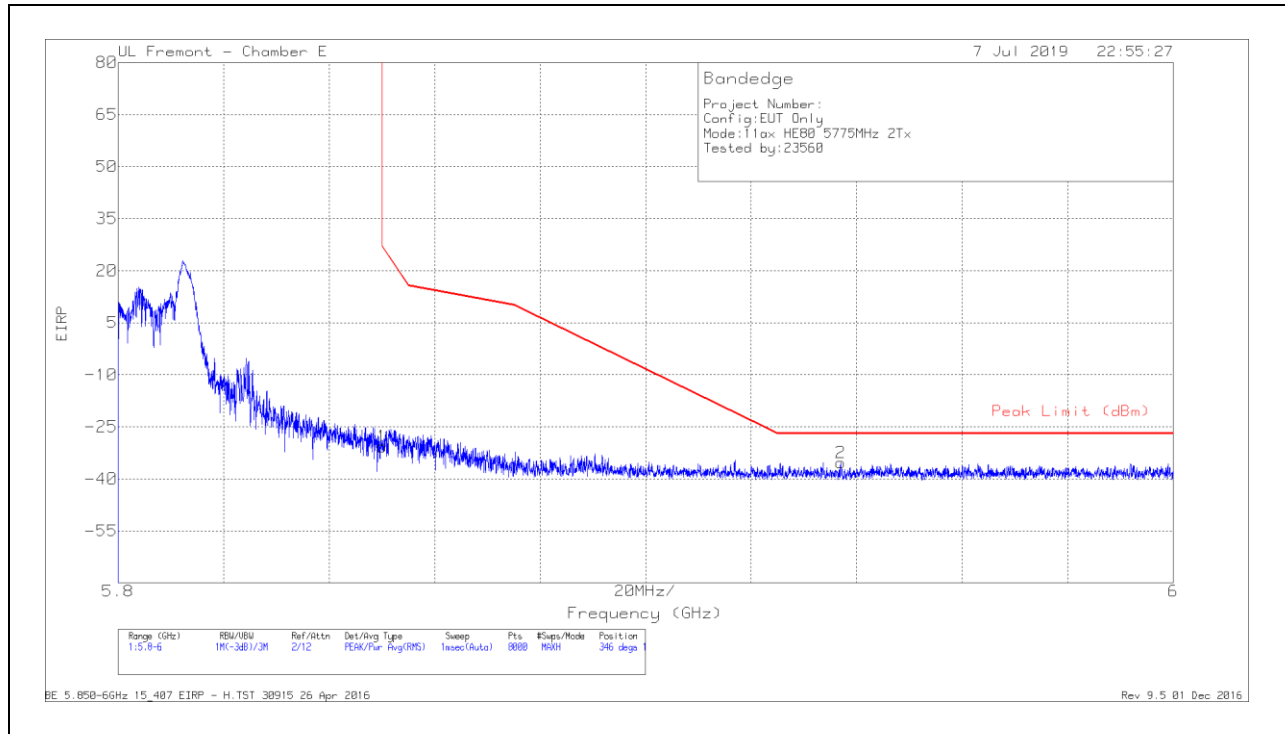
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.65	-64.29	Pk	34.8	-17.4	11.8	-35.09	-27	-8.09	174	204	V
1	5.725	-51.83	Pk	34.8	-17.3	11.8	-22.53	27	-49.53	174	204	V

Pk - Peak detector

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

BANDEGE (CHANNEL 155 HIGH EDGE)

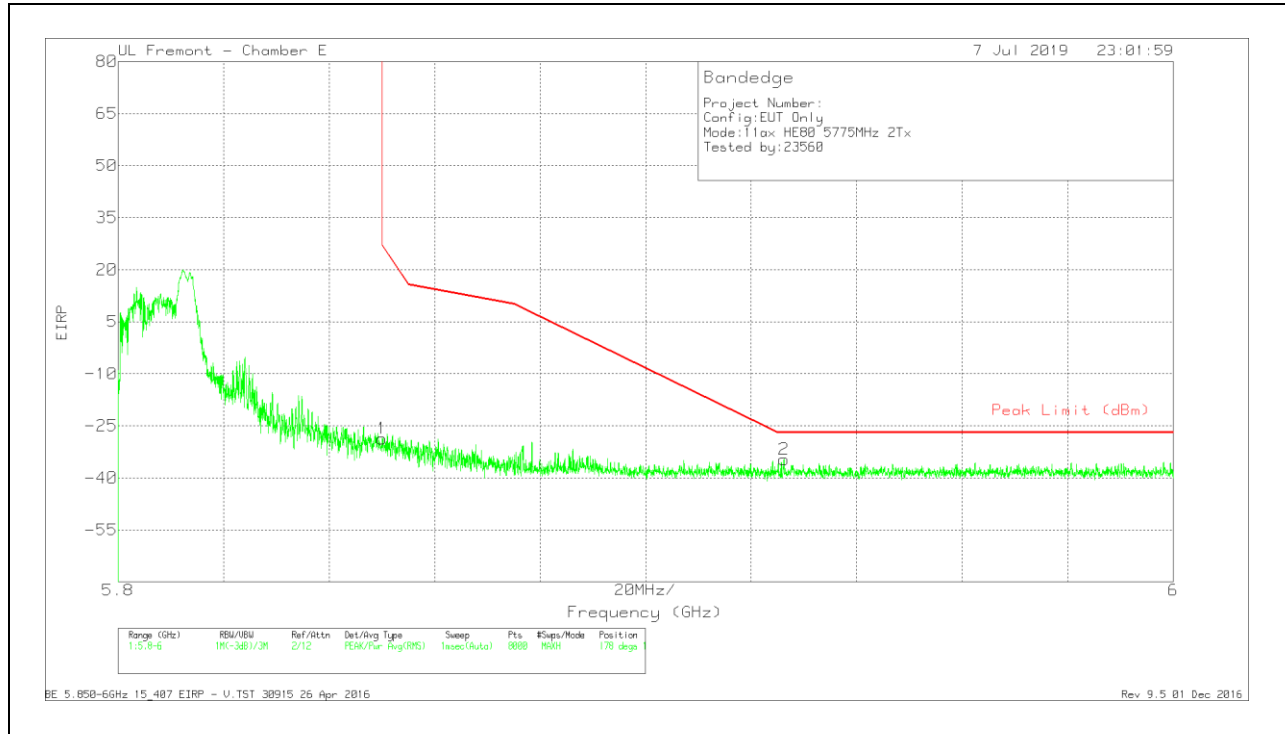
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Ampl/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.08	Pk	34.9	-17.3	11.8	-30.68	26.99	-57.67	346	168	H
2	5.937	-65.15	Pk	35	-17	11.8	-35.35	-27	-8.35	346	168	H

Pk - Peak detector

VERTICAL RESULT



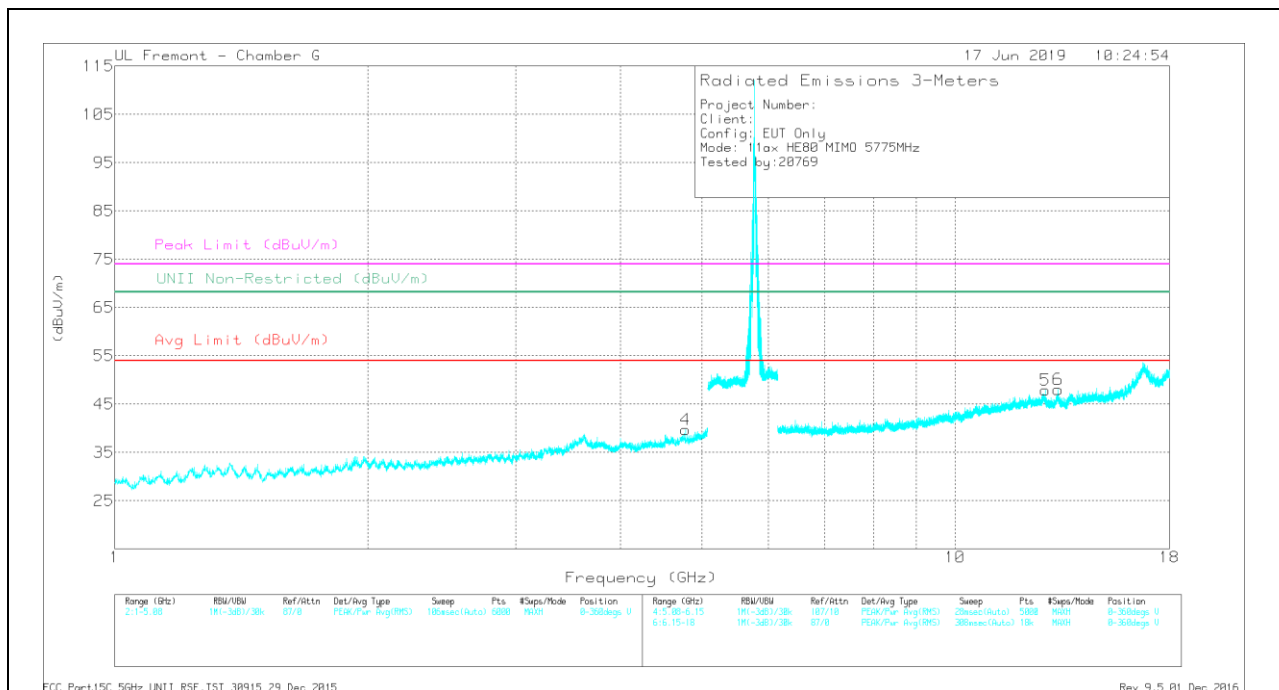
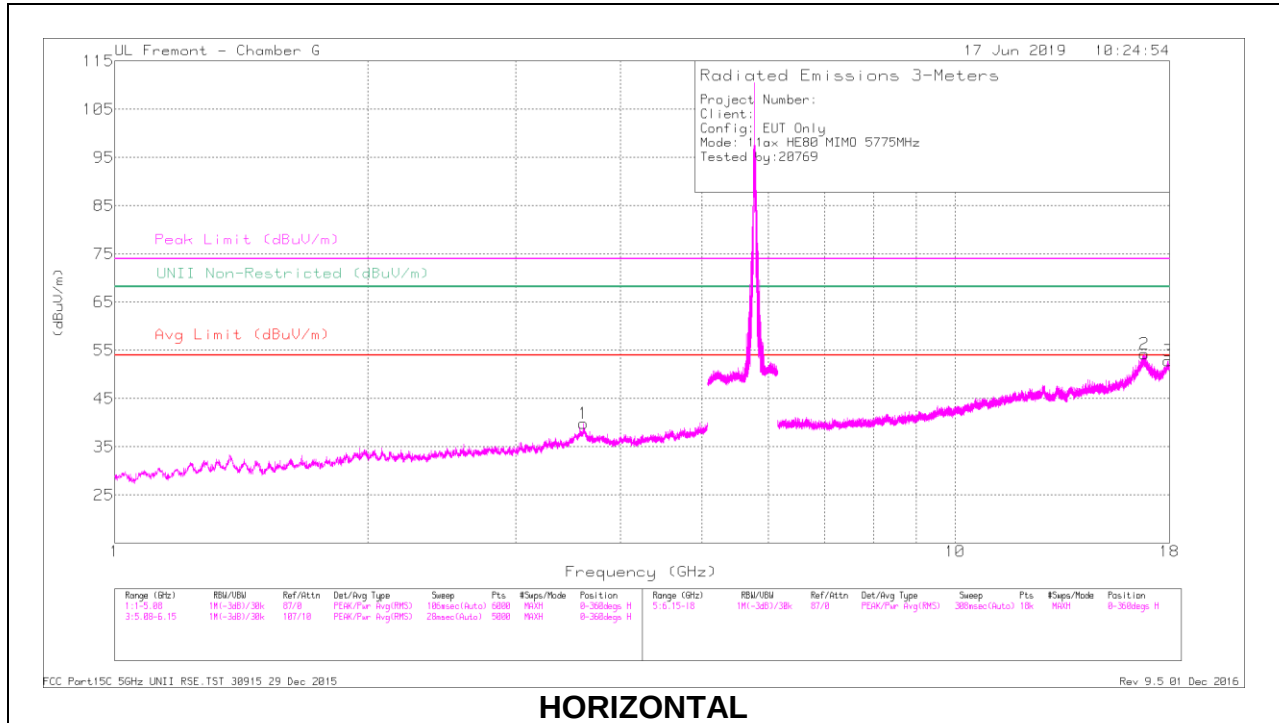
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.1	Pk	34.9	-17.3	11.8	-28.7	26.99	-55.69	178	133	V
2	5.926	-64.48	Pk	35.1	-17.1	11.8	-34.68	-27	-7.68	178	133	V

Pk - Peak detector

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

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



VERTICAL

RADIATED EMISSIONS

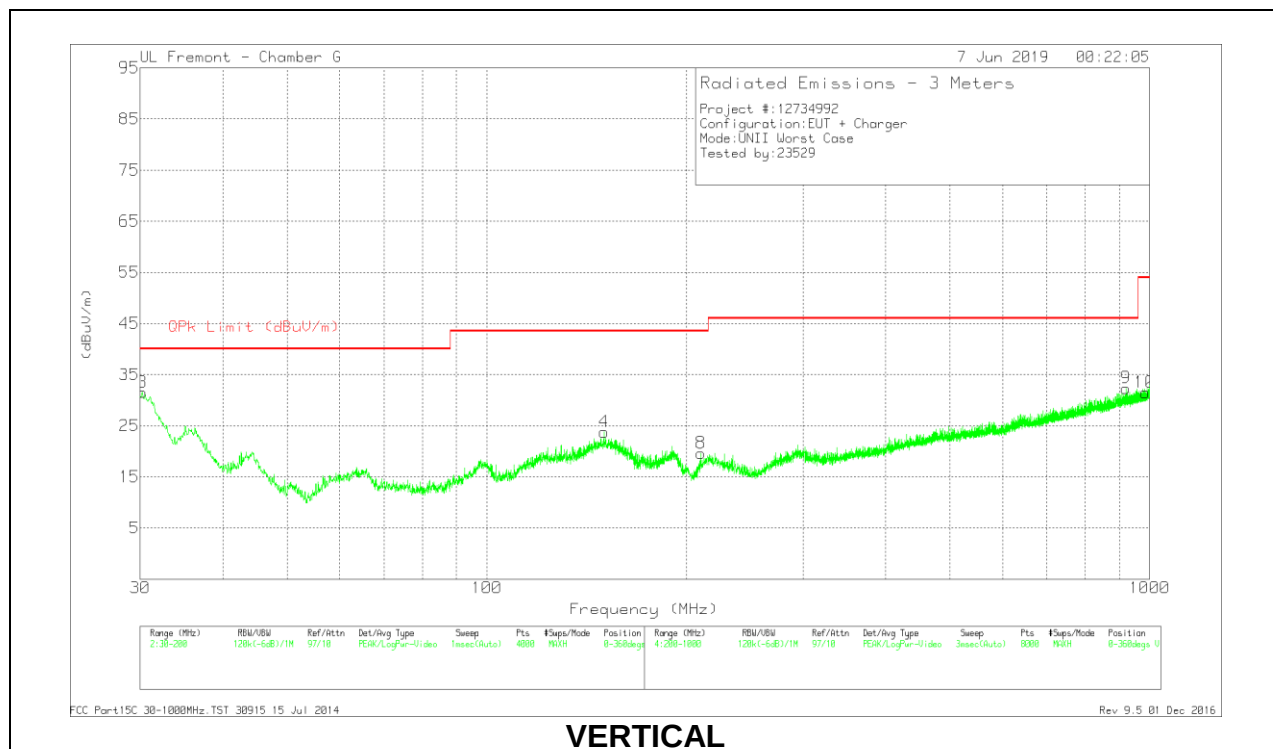
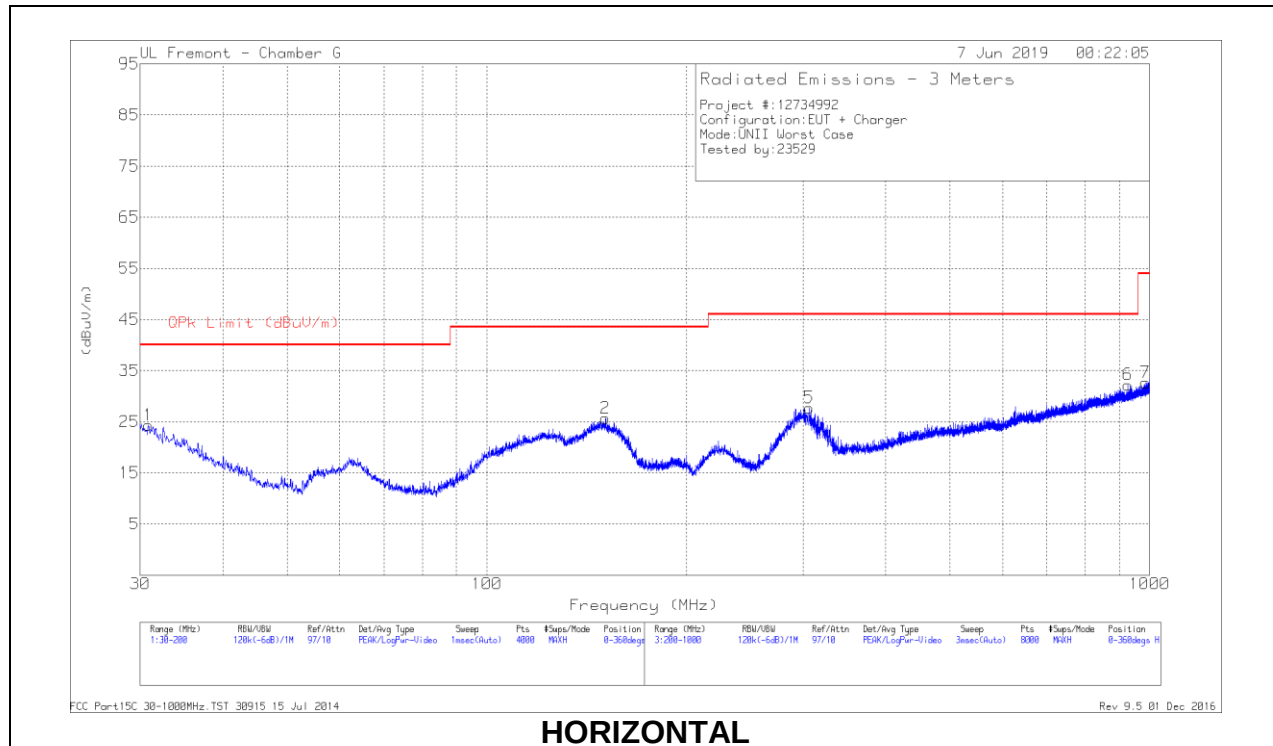
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T120 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.616	40.48	PK-U	35.6	-30.3	45.78	-	-	74	-28.22	-	-	155	167	H
	* 3.617	28.93	ADR	35.7	-30.3	34.33	54	-19.67	-	-	-	-	155	167	H
4	* 4.78	40.16	PK-U	34.3	-29.4	45.06	-	-	74	-28.94	-	-	38	187	V
	* 4.781	28.27	ADR	34.3	-29.4	33.17	54	-20.83	-	-	-	-	38	187	V
3	* 17.928	34.44	PK-U	42.5	-17.8	59.14	-	-	74	-14.86	-	-	318	193	H
	* 17.929	23.29	ADR	42.5	-17.8	47.99	54	-6.01	-	-	-	-	318	193	H
6	* 13.269	37.03	PK-U	39.7	-21.8	54.93	-	-	74	-19.07	-	-	0	202	V
	* 13.269	24.75	ADR	39.7	-21.8	42.65	54	-11.35	-	-	-	-	0	202	V
5	12.806	35.83	PK-U	39.6	-22.4	53.03	-	-	-	-	68.2	-15.17	139	290	V
2	16.802	36.54	PK-U	41.8	-17.5	60.84	-	-	-	-	68.2	-7.36	319	343	H

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1.2. WORST CASE BELOW 1 GHZ



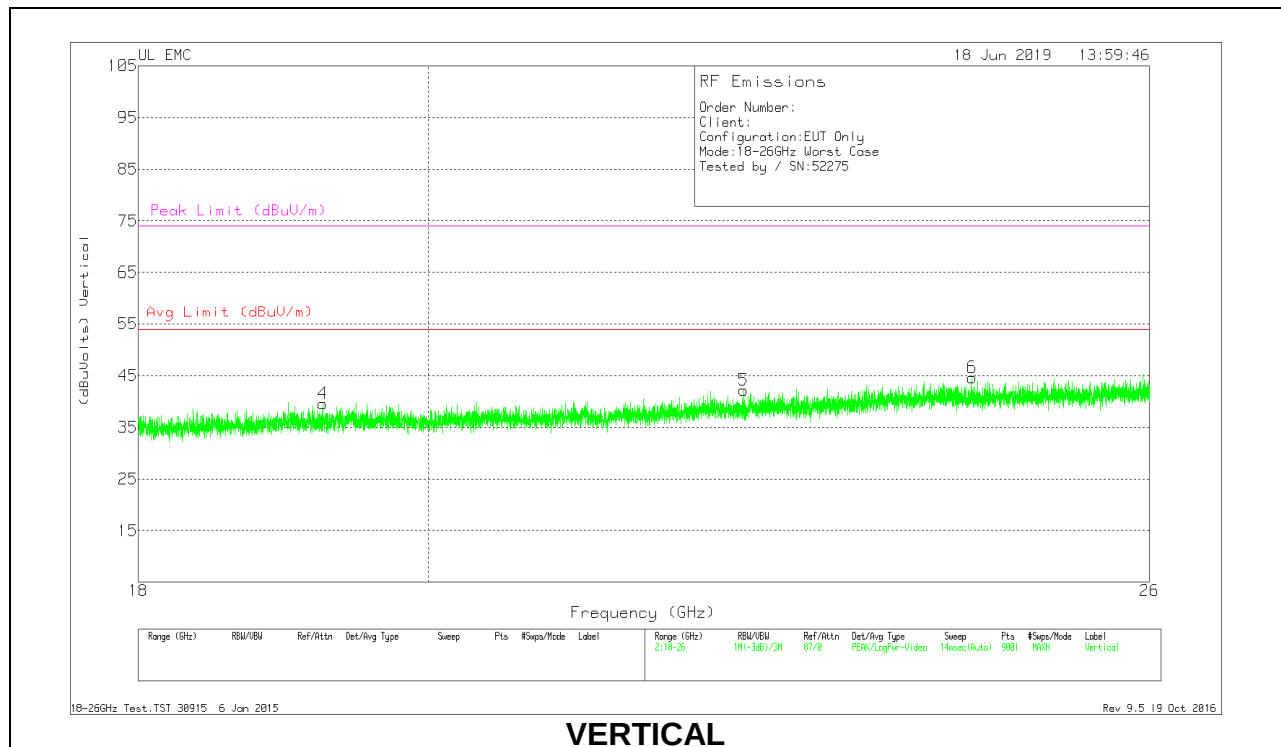
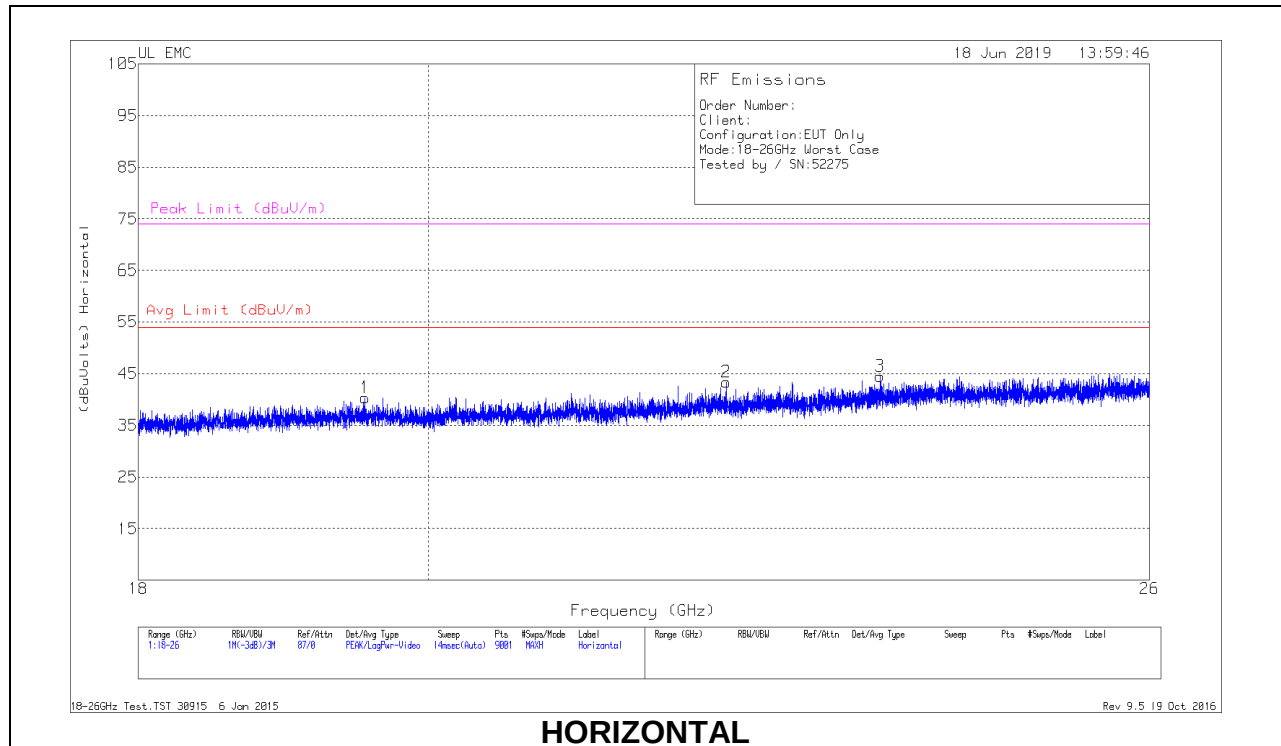
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T477 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 986.4022	28.71	Pk	29	-25.1	32.61	53.97	-21.36	0-360	299	H
10	* 984.602	27.59	Pk	29	-25.1	31.49	53.97	-22.48	0-360	100	V
3	30.2126	36.22	Pk	26.5	-31.2	31.52	40	-8.48	0-360	100	V
1	30.8927	29.12	Pk	26.4	-31.2	24.32	40	-15.68	0-360	299	H
4	150.3061	35.49	Pk	18.3	-30	23.79	43.52	-19.73	0-360	100	V
2	151.1138	37.36	Pk	18.3	-30	25.66	43.52	-17.86	0-360	200	H
8	210.5014	32.94	Pk	16.3	-29.6	19.64	43.52	-23.88	0-360	100	V
5	306.6139	37.13	Pk	19.5	-28.9	27.73	46.02	-18.29	0-360	100	H
9	921.0937	29.85	Pk	28.3	-25.8	32.35	46.02	-13.67	0-360	100	V
6	926.8945	29.53	Pk	28.3	-25.6	32.23	46.02	-13.79	0-360	100	H

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

Pk - Peak detector

1.3. WORST CASE 18-26 GHZ

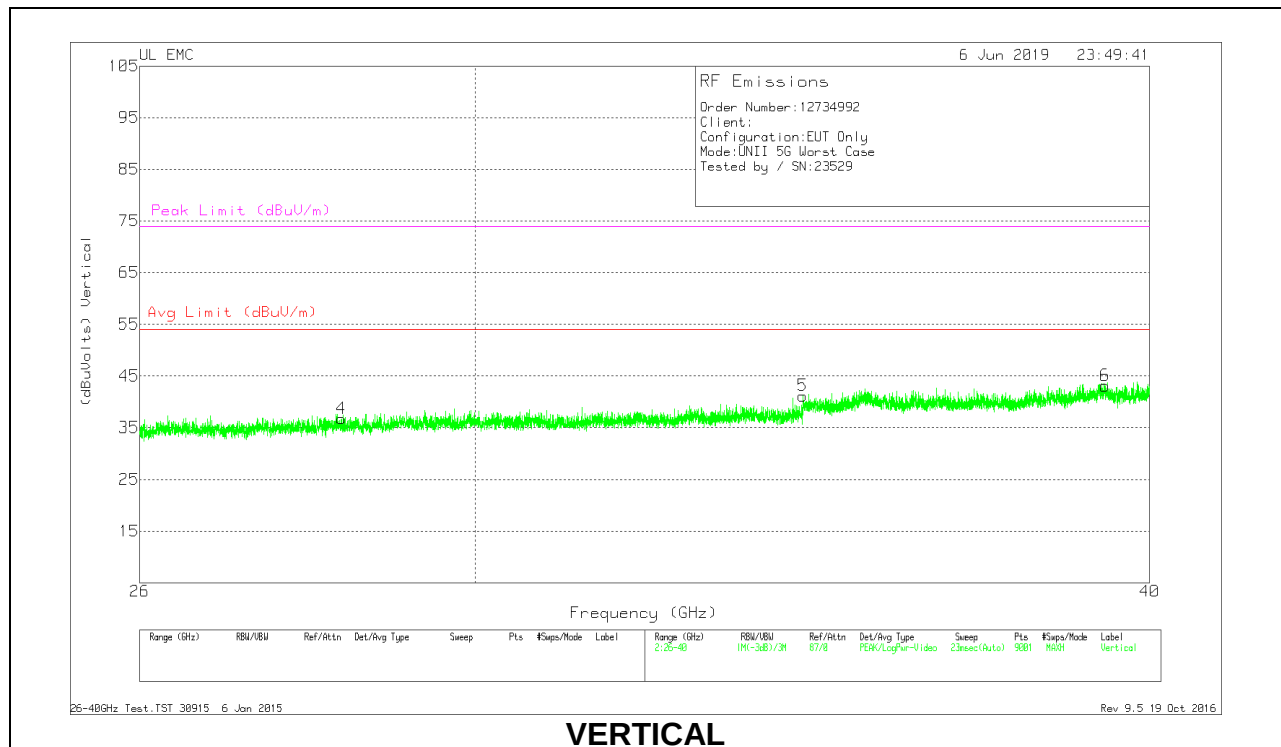
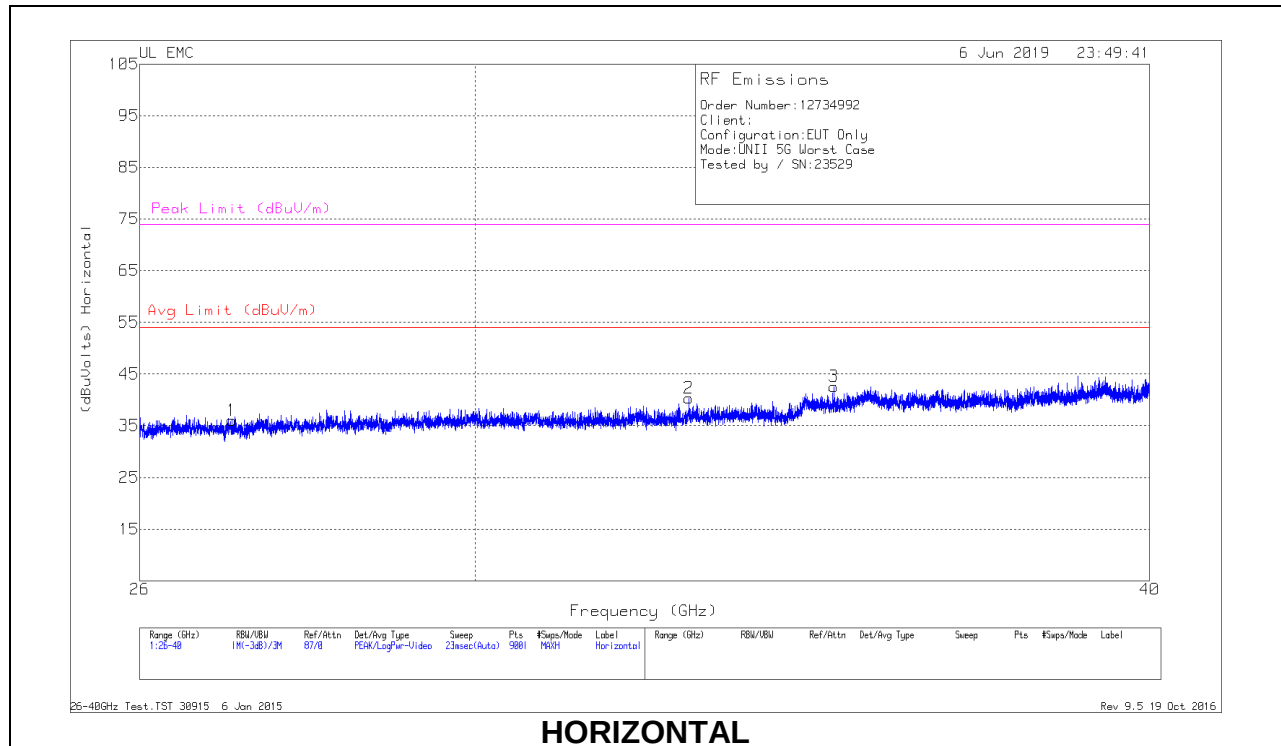


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.546	38.41	Pk	32.8	-21.4	-9.5	40.31	54	-13.69	74	-33.69
2	22.291	39.68	Pk	33.5	-20.3	-9.5	43.38	54	-10.62	74	-30.62
3	23.572	39.78	Pk	34.1	-19.9	-9.5	44.48	54	-9.52	74	-29.52
4	19.25	37.34	Pk	32.7	-21	-9.5	39.54	54	-14.46	74	-34.46
5	22.432	38.51	Pk	33.5	-20.3	-9.5	42.21	54	-11.79	74	-31.79
6	24.373	39.44	Pk	34.3	-19.6	-9.5	44.64	54	-9.36	74	-29.36

Pk - Peak detector

1.4. WORST CASE 26-40 GHZ



26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T90 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	27.042	41.34	Pk	35.5	-31.3	-9.5	36.04	54	-17.96	74	-37.96
2	32.863	42.12	Pk	36.6	-28.9	-9.5	40.32	54	-13.68	74	-33.68
3	34.96	42.68	Pk	37.2	-27.8	-9.5	42.58	54	-11.42	74	-31.42
4	28.336	39.86	Pk	35.8	-29.4	-9.5	36.76	54	-17.24	74	-37.24
5	34.5	41.44	Pk	37.5	-28.3	-9.5	41.14	54	-12.86	74	-32.86
6	39.244	40.54	Pk	38.6	-26.5	-9.5	43.14	54	-10.86	74	-30.86

Pk - Peak detector

2. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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.

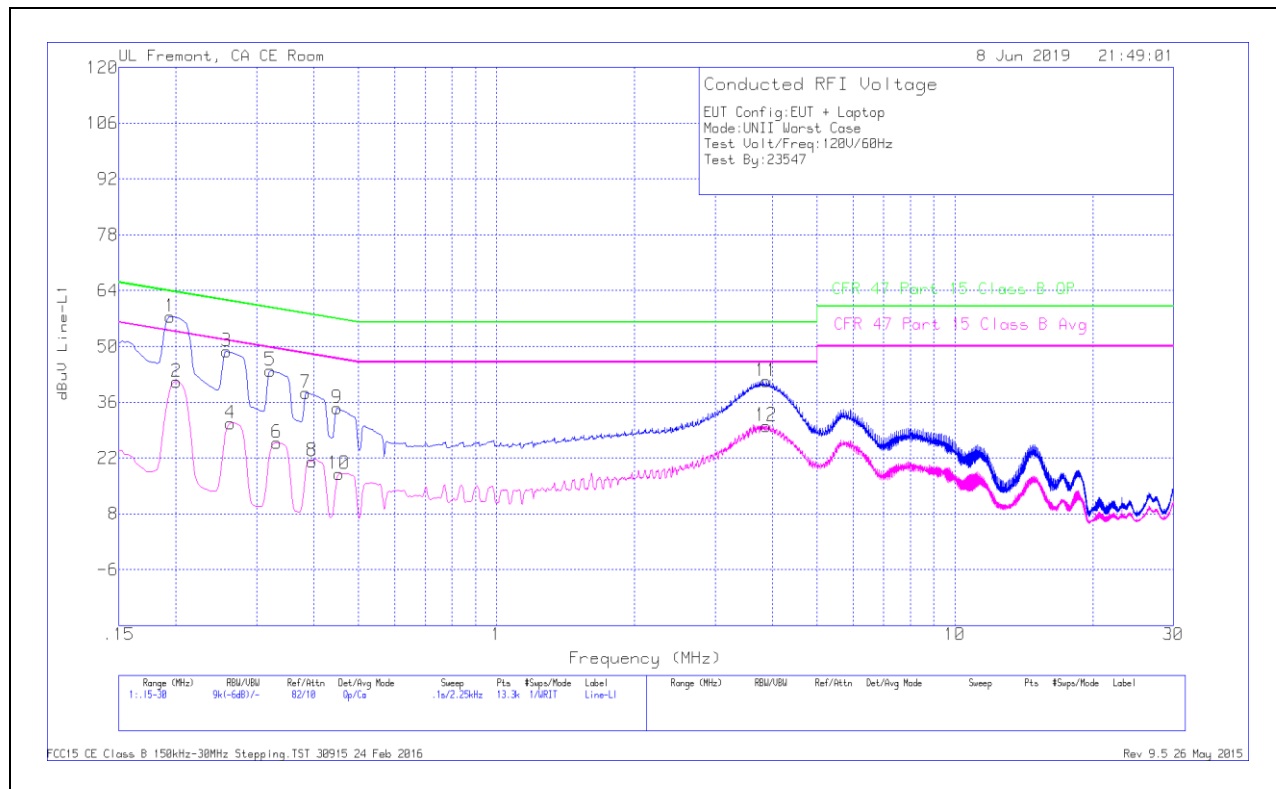
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

2.1. AC Power Line Host

LINE 1 RESULTS

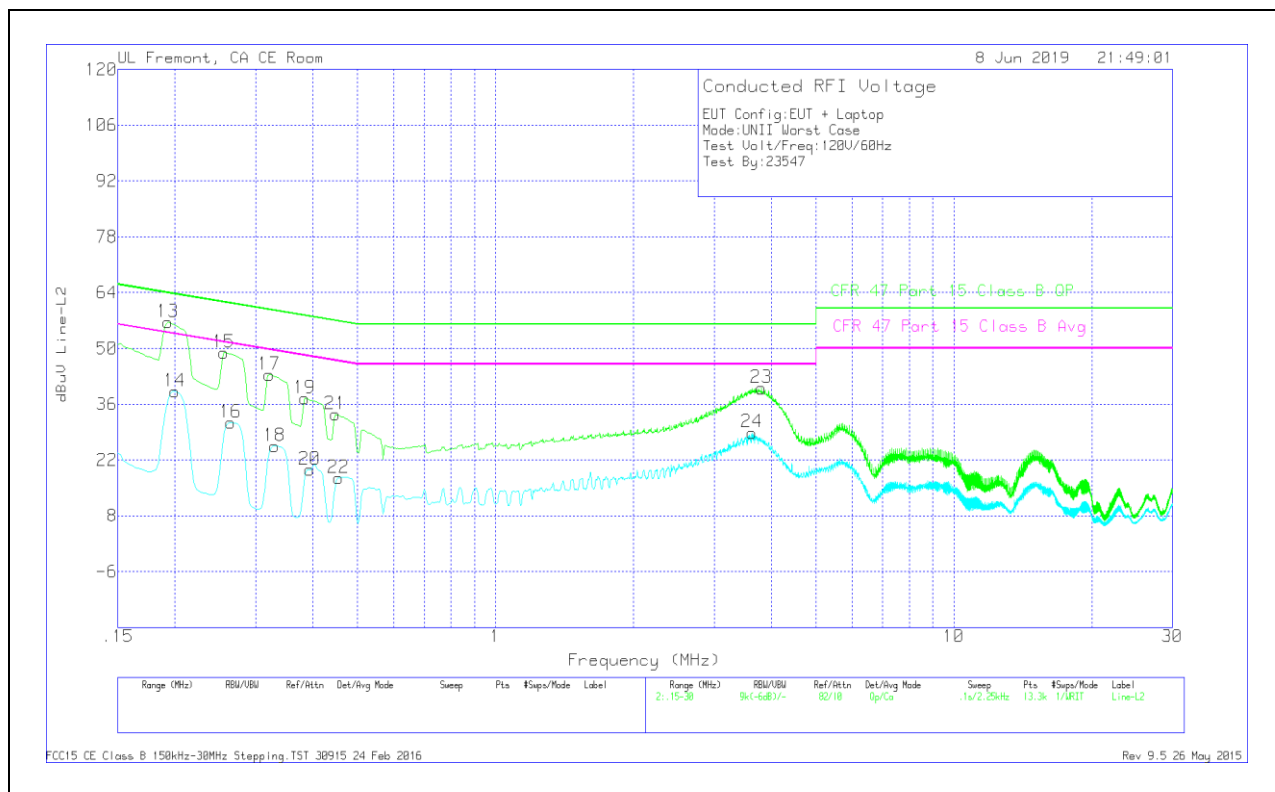


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.19388	47.4	Qp	0	0	10.1	57.5	63.87	-6.37	-	-
2	.20063	30.96	Ca	0	0	10.1	41.06	-	-	53.58	-12.52
3	.258	38.65	Qp	0	0	10.1	48.75	61.5	-12.75	-	-
4	.2625	20.59	Ca	0	0	10.1	30.69	-	-	51.35	-20.66
5	.321	33.9	Qp	0	0	10.1	44	59.68	-15.68	-	-
6	.33225	15.72	Ca	0	0	10.1	25.82	-	-	49.39	-23.57
7	.384	28.33	Qp	0	0	10.1	38.43	58.19	-19.76	-	-
8	.39525	11.13	Ca	0	0	10.1	21.23	-	-	47.95	-26.72
9	.44925	24.37	Qp	0	0	10.1	34.47	56.89	-22.42	-	-
10	.45375	7.91	Ca	0	0	10.1	18.01	-	-	46.81	-28.8
11	3.87825	31.17	Qp	0	.1	10.1	41.37	56	-14.63	-	-
12	3.88275	19.89	Ca	0	.1	10.1	30.09	-	-	46	-15.91

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



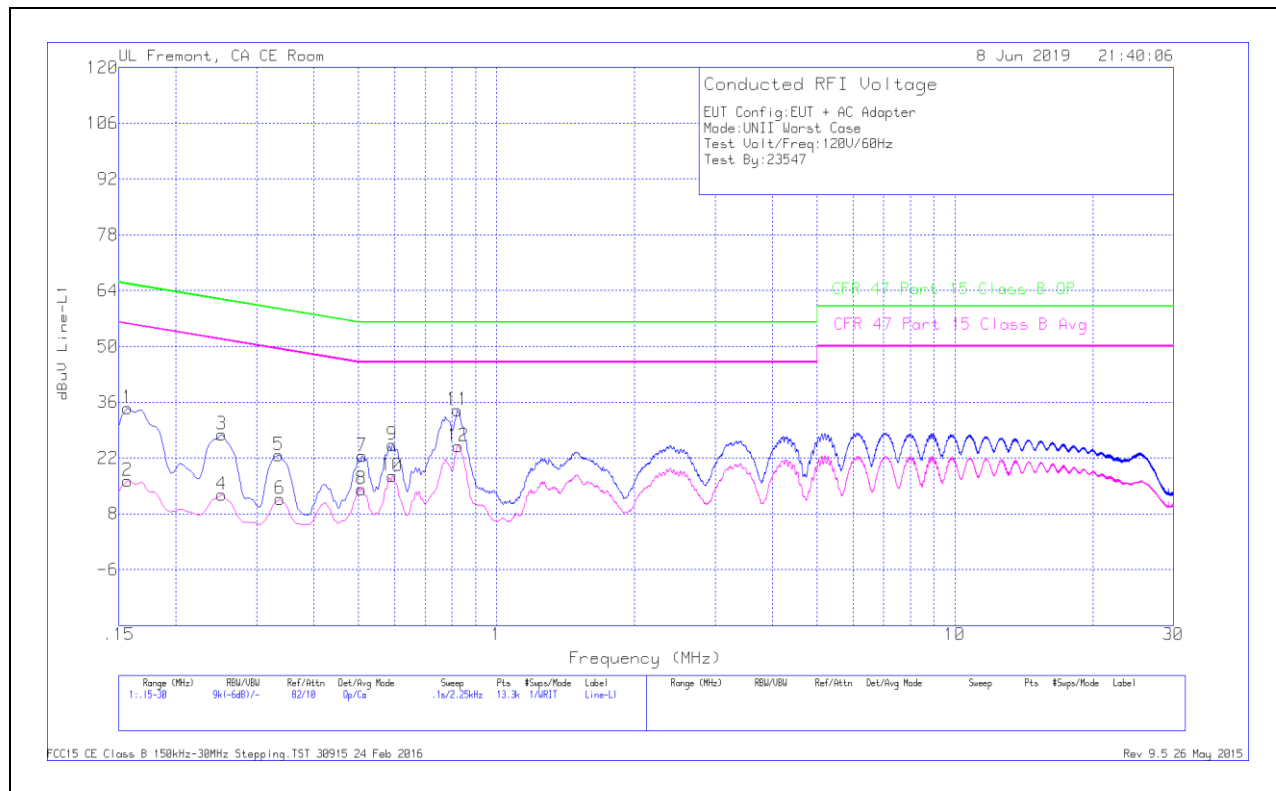
Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.19275	46.58	Qp	0	0	10.1	56.68	63.92	-7.24	-	-
14	.1995	29.15	Ca	0	0	10.1	39.25	-	-	53.63	-14.38
15	.25575	38.81	Qp	0	0	10.1	48.91	61.57	-12.66	-	-
16	.26475	21.32	Ca	0	0	10.1	31.42	-	-	51.28	-19.86
17	.321	33.37	Qp	0	0	10.1	43.47	59.68	-16.21	-	-
18	.33	15.44	Ca	0	0	10.1	25.54	-	-	49.45	-23.91
19	.384	27.44	Qp	0	0	10.1	37.54	58.19	-20.65	-	-
20	.393	9.5	Ca	0	0	10.1	19.6	-	-	48	-28.4
21	.447	23.36	Qp	0	0	10.1	33.46	56.93	-23.47	-	-
22	.45487	7.46	Ca	0	0	10.1	17.56	-	-	46.79	-29.23
23	3.80175	29.81	Qp	0	.1	10.1	40.01	56	-15.99	-	-
24	3.624	18.68	Ca	0	.1	10.1	28.88	-	-	46	-17.12

Qp - Quasi-Peak detector

Ca - CISPR average detection

2.2. AC Power Line Norm

LINE 1 RESULTS

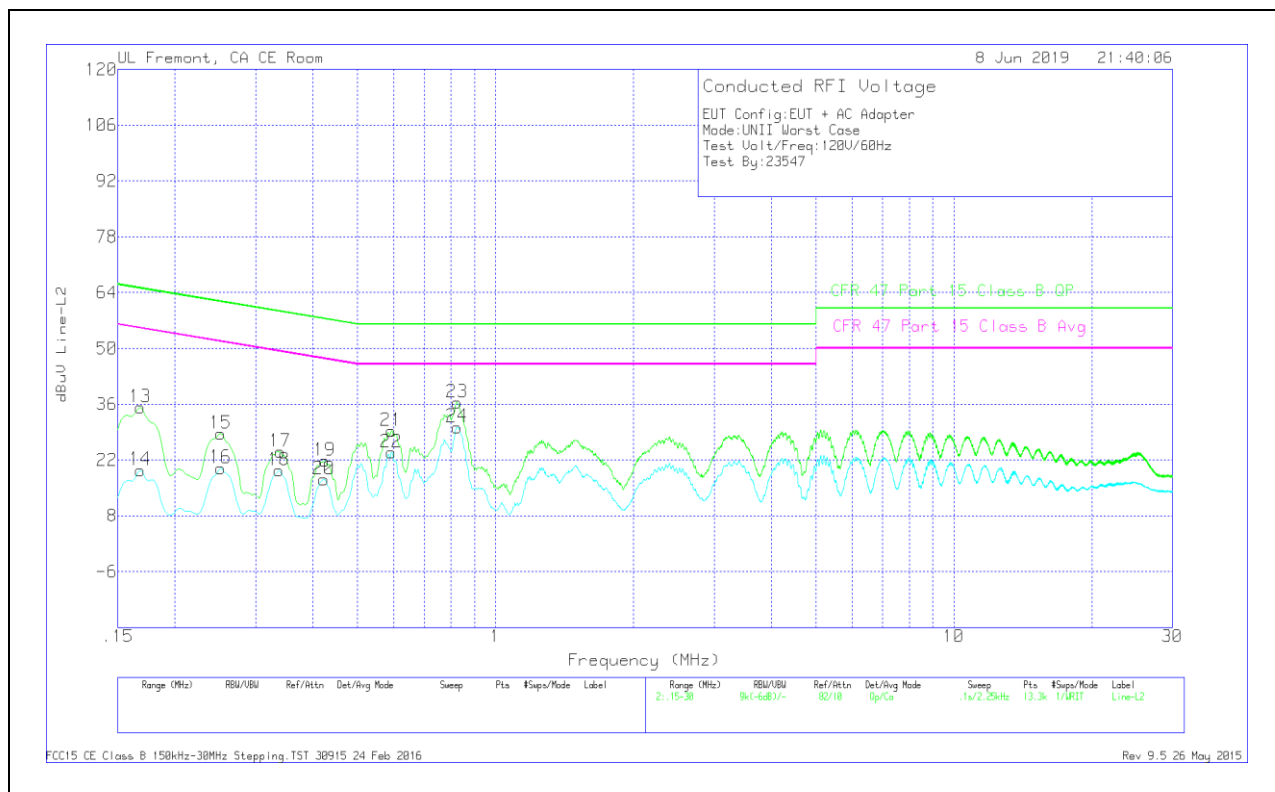


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.15675	24.3	Qp	.1	0	10.1	34.5	65.63	-31.13	-	-
2	.15675	6.07	Ca	.1	0	10.1	16.27	-	-	55.63	-39.36
3	.25125	17.77	Qp	0	0	10.1	27.87	61.72	-33.85	-	-
4	.25125	2.71	Ca	0	0	10.1	12.81	-	-	51.72	-38.91
5	.3345	12.66	Qp	0	0	10.1	22.76	59.34	-36.58	-	-
6	.33675	1.61	Ca	0	0	10.1	11.71	-	-	49.28	-37.57
7	.51	12.46	Qp	0	0	10.1	22.56	56	-33.44	-	-
8	.50775	4.08	Ca	0	0	10.1	14.18	-	-	46	-31.82
9	.59325	15.18	Qp	0	0	10.1	25.28	56	-30.72	-	-
10	.59325	7.44	Ca	0	0	10.1	17.54	-	-	46	-28.46
11	.82275	23.84	Qp	0	0	10.1	33.94	56	-22.06	-	-
12	.825	14.89	Ca	0	0	10.1	24.99	-	-	46	-21.01

Qp - Quasi-Peak detector

Ca - CISPR average detection

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	24.95	Qp	.1	0	10.1	35.15	65.06	-29.91	-	-
14	.168	9.29	Ca	.1	0	10.1	19.49	-	-	55.06	-35.57
15	.25125	18.55	Qp	0	0	10.1	28.65	61.72	-33.07	-	-
16	.25125	9.91	Ca	0	0	10.1	20.01	-	-	51.72	-31.71
17	.339	14.05	Qp	0	0	10.1	24.15	59.23	-35.08	-	-
18	.33675	9.3	Ca	0	0	10.1	19.4	-	-	49.28	-29.88
19	.4245	11.78	Qp	0	0	10.1	21.88	57.36	-35.48	-	-
20	.42225	7.02	Ca	0	0	10.1	17.12	-	-	47.4	-30.28
21	.59325	19.21	Qp	0	0	10.1	29.31	56	-26.69	-	-
22	.59325	13.8	Ca	0	0	10.1	23.9	-	-	46	-22.1
23	.825	26.39	Qp	0	0	10.1	36.49	56	-19.51	-	-
24	.825	20.17	Ca	0	0	10.1	30.27	-	-	46	-15.73

Qp - Quasi-Peak detector

Ca - CISPR average detection

3. SETUP PHOTOS

Please refer to 12901678-EP1V1 for setup photos

END OF TEST REPORT