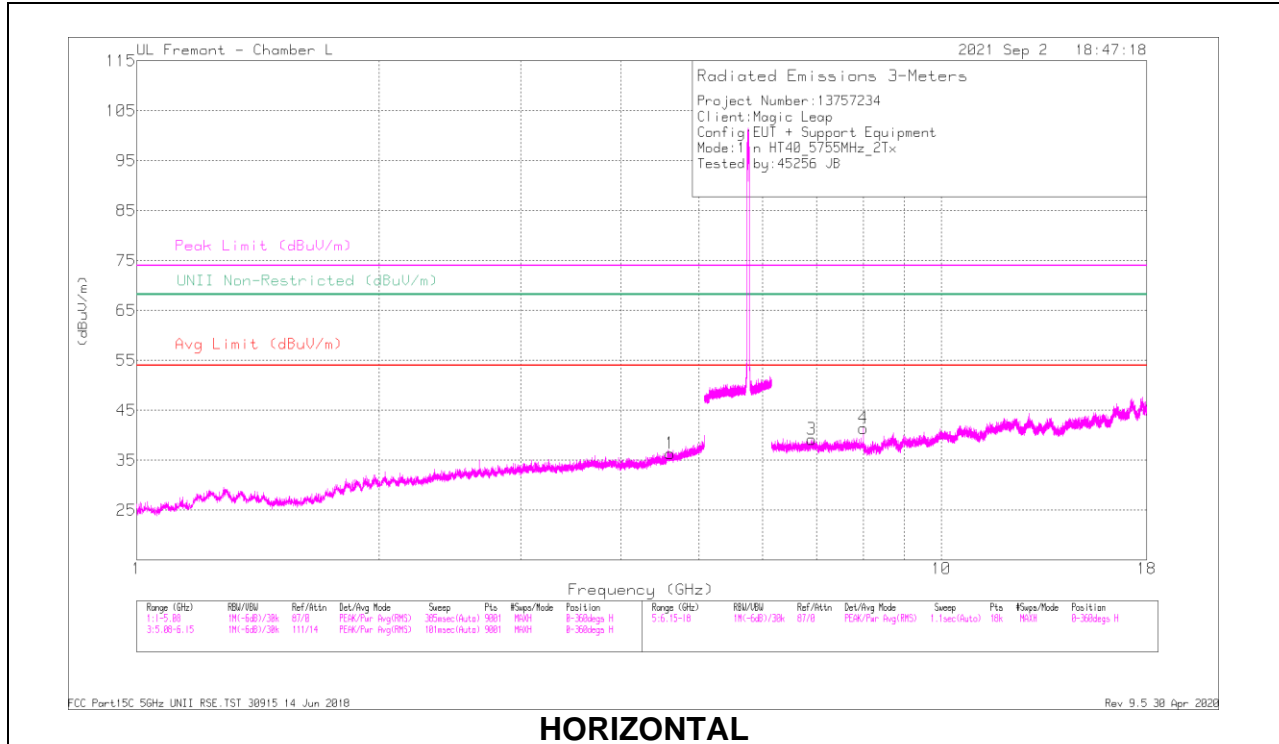
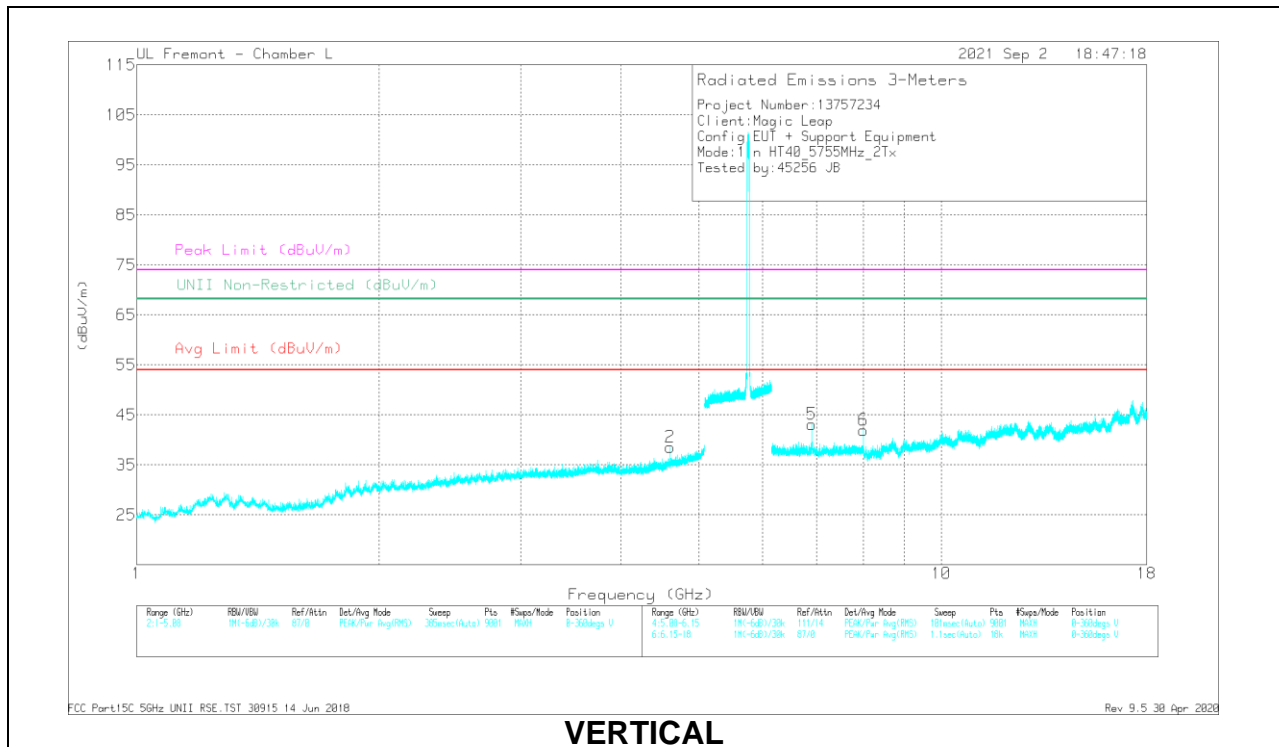


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

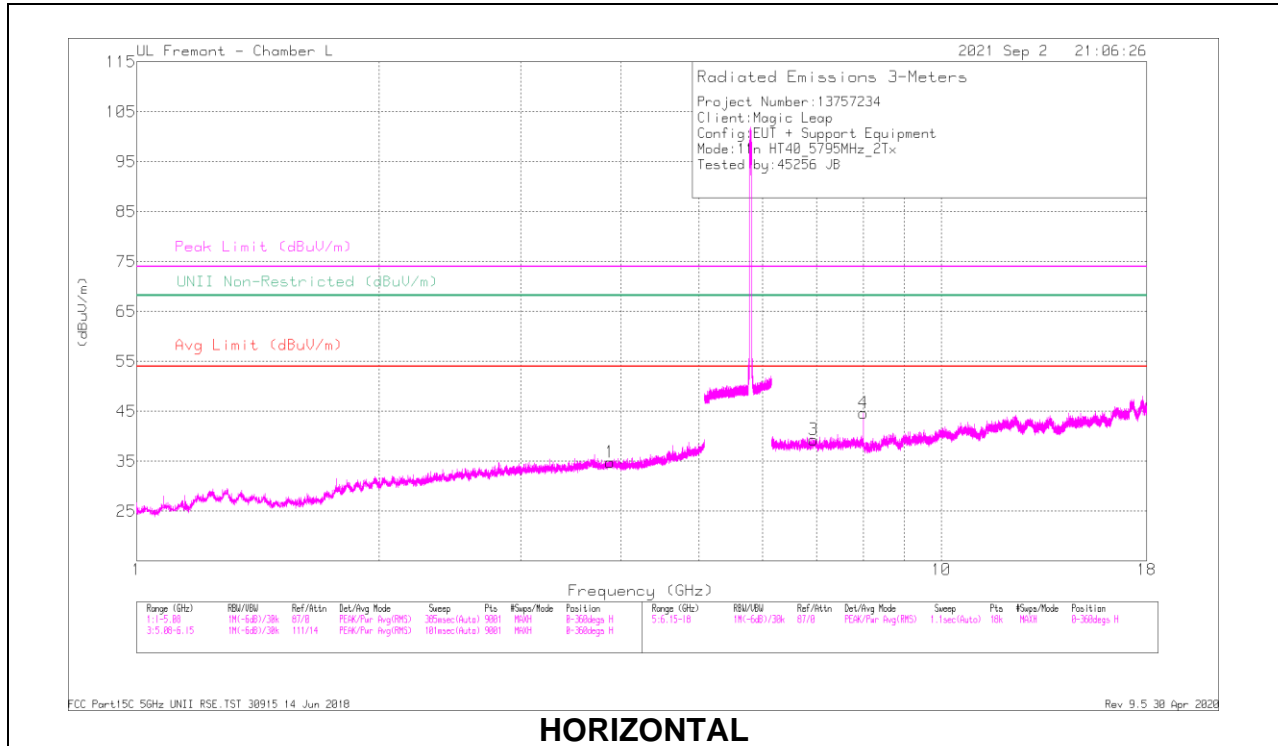
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.60411	35.6	PK-U	34	-24.6	45	-	-	74	-29	-	-	324	101	H
	* 4.60404	24.33	ADR	34	-24.6	33.73	54	-20.27	-	-	-	-	324	101	H
2	* 4.60393	34.77	PK-U	34	-24.6	44.17	-	-	74	-29.83	-	-	20	174	V
	* 4.60401	24.02	ADR	34	-24.6	33.42	54	-20.58	-	-	-	-	20	174	V
3	6.90596	31	PK-U	35.6	-20.9	45.7	-	-	-	-	68.2	-22.5	14	205	H
4	8.00001	31.76	PK-U	35.8	-18.6	48.96	-	-	-	-	68.2	-19.24	8	102	H
5	6.90586	33.27	PK-U	35.6	-20.9	47.97	-	-	-	-	68.2	-20.23	214	109	V
6	8.00025	31.01	PK-U	35.8	-18.6	48.21	-	-	-	-	68.2	-19.99	287	240	V

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

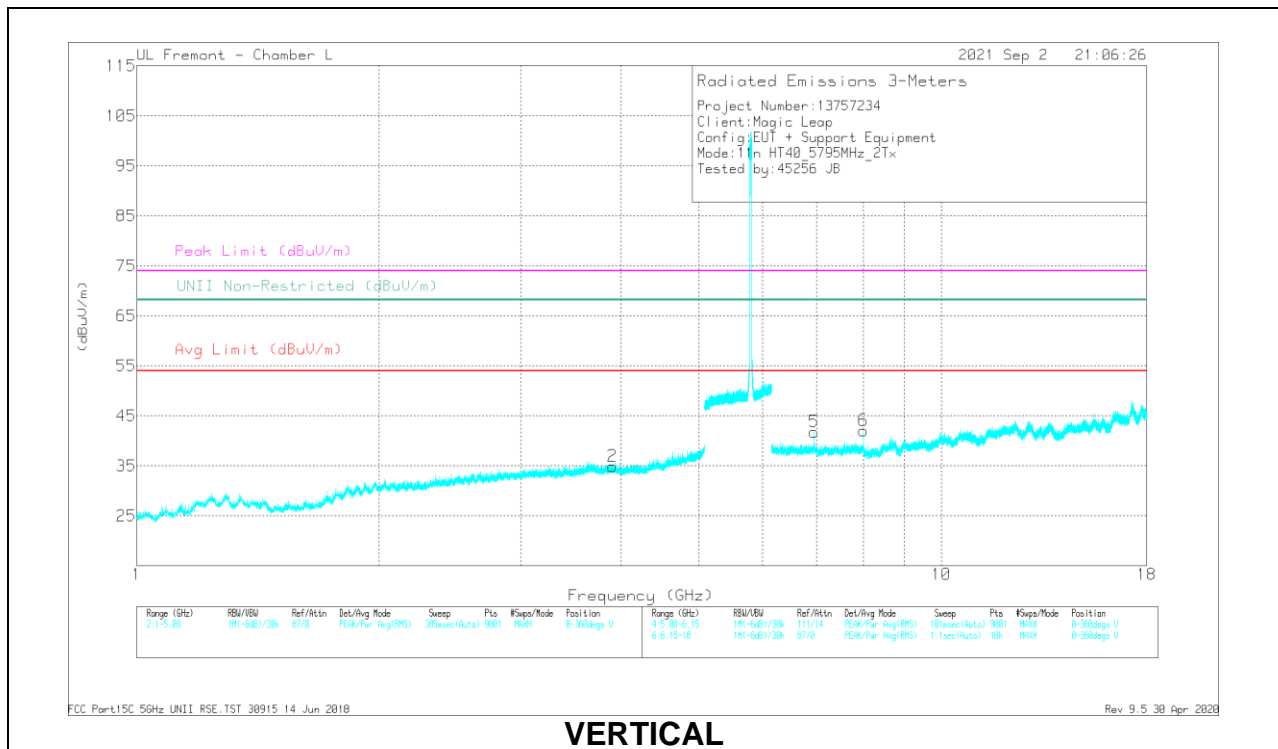
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.87867	34.37	PK-U	33.2	-25.6	41.97	-	-	74	-32.03	-	-	304	132	H
	* 3.8759	22.74	ADR	33.2	-25.7	30.24	54	-23.76	-	-	-	-	304	132	H
2	* 3.90431	34.1	PK-U	33.2	-25.1	42.2	-	-	74	-31.8	-	-	313	235	V
	* 3.90498	22.56	ADR	33.2	-25.1	30.66	54	-23.34	-	-	-	-	313	235	V
3	6.94245	30.09	PK-U	35.6	-20.1	45.59	-	-	-	-	68.2	-22.61	313	150	H
4	8.00009	32.95	PK-U	35.8	-18.6	50.15	-	-	-	-	68.2	-18.05	73	103	H
5	6.95434	32.82	PK-U	35.6	-20.2	48.22	-	-	-	-	68.2	-19.98	235	194	V
6	8.00008	29.18	PK-U	35.8	-18.6	46.38	-	-	-	-	68.2	-21.82	192	102	V

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

PK-U - U-NII: Maximum Peak

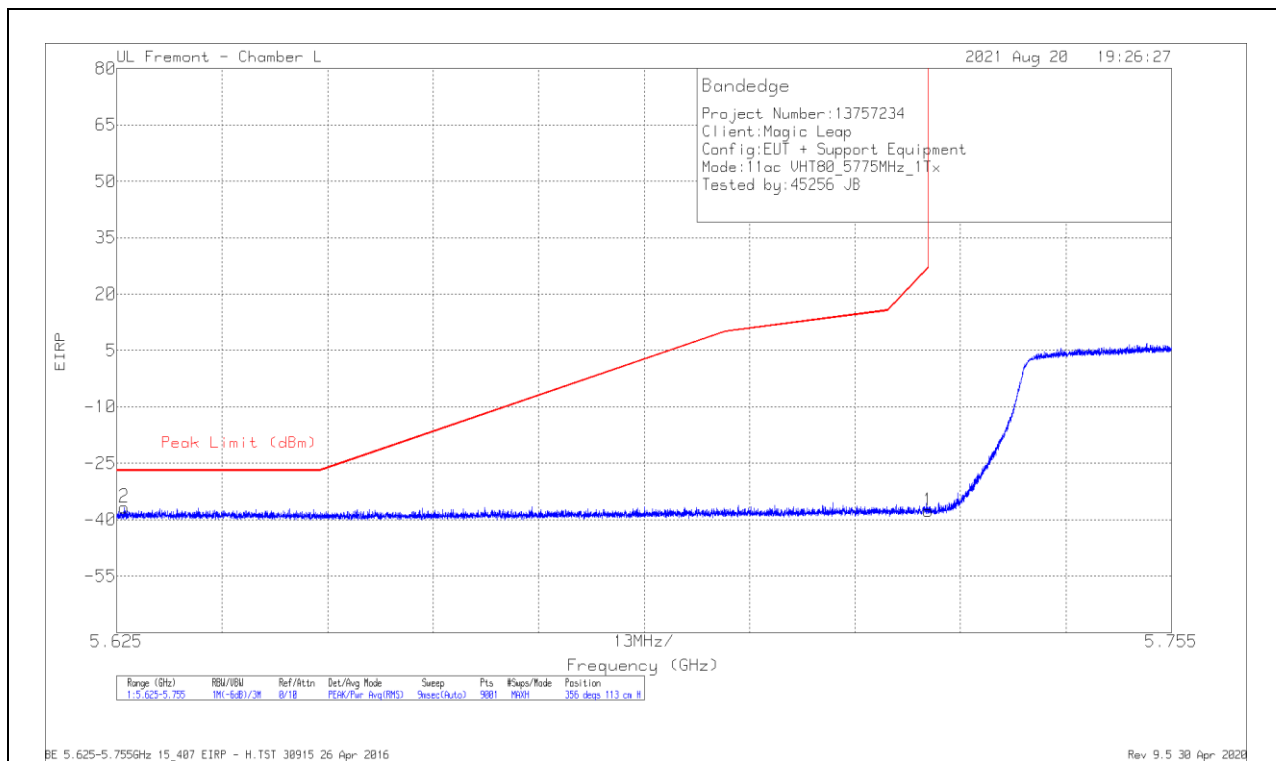
ADR - U-NII AD primary method, RMS average

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

#### 1TX Antenna 1 MODE

#### BANDEDGE (CHANNEL 155 LOW EDGE)

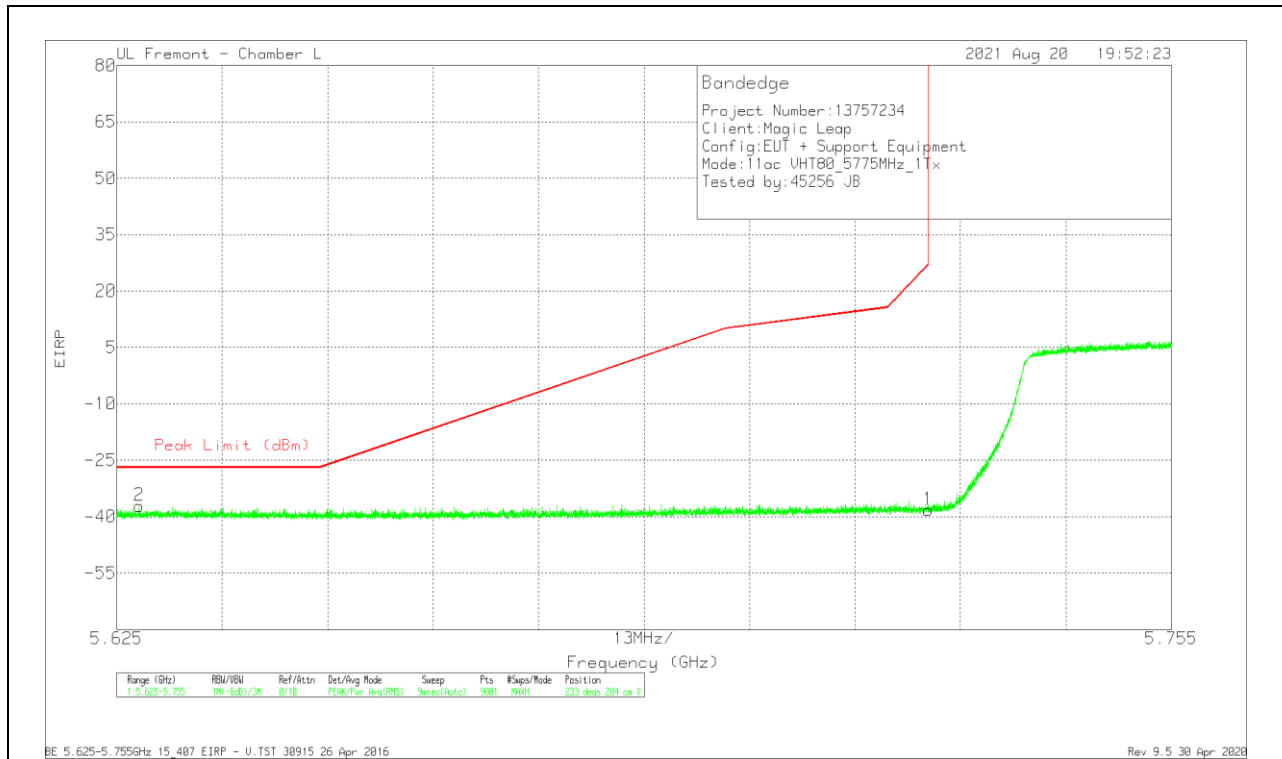
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/CbI/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-70.39	Pk	34.8	-13.9	11.8	-37.69	26.99	-64.68	356	113	H
2	5.6259	-69.26	Pk	34.8	-14	11.8	-36.66	-27	-9.66	356	113	H

Pk - Peak detector

### VERTICAL RESULT

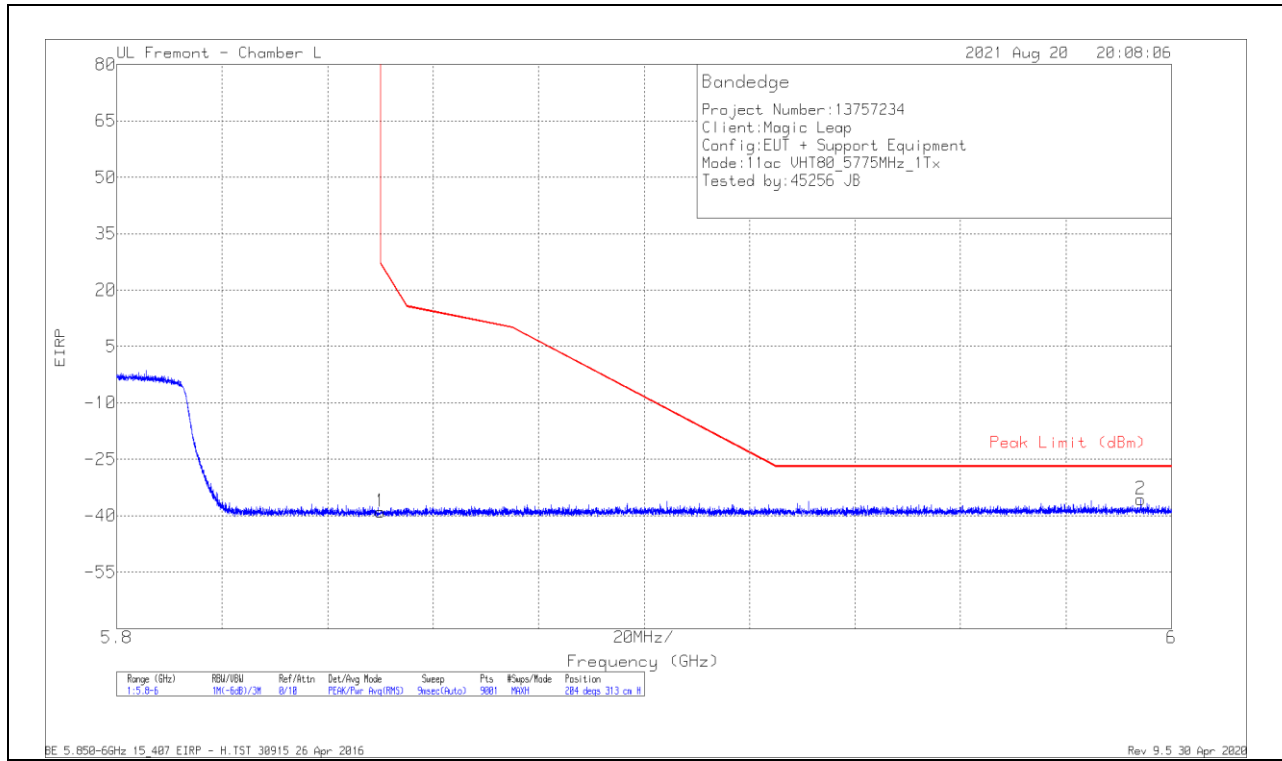


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-70.95	PK	34.8	-13.9	11.8	-38.25	26.99	-65.24	233	204	V
2	5.62774	-69.9	PK	34.9	-13.9	11.8	-37.1	-27	-10.1	233	204	V

Pk - Peak detector

### BANDEDGE (CHANNEL 155 HIGH EDGE)

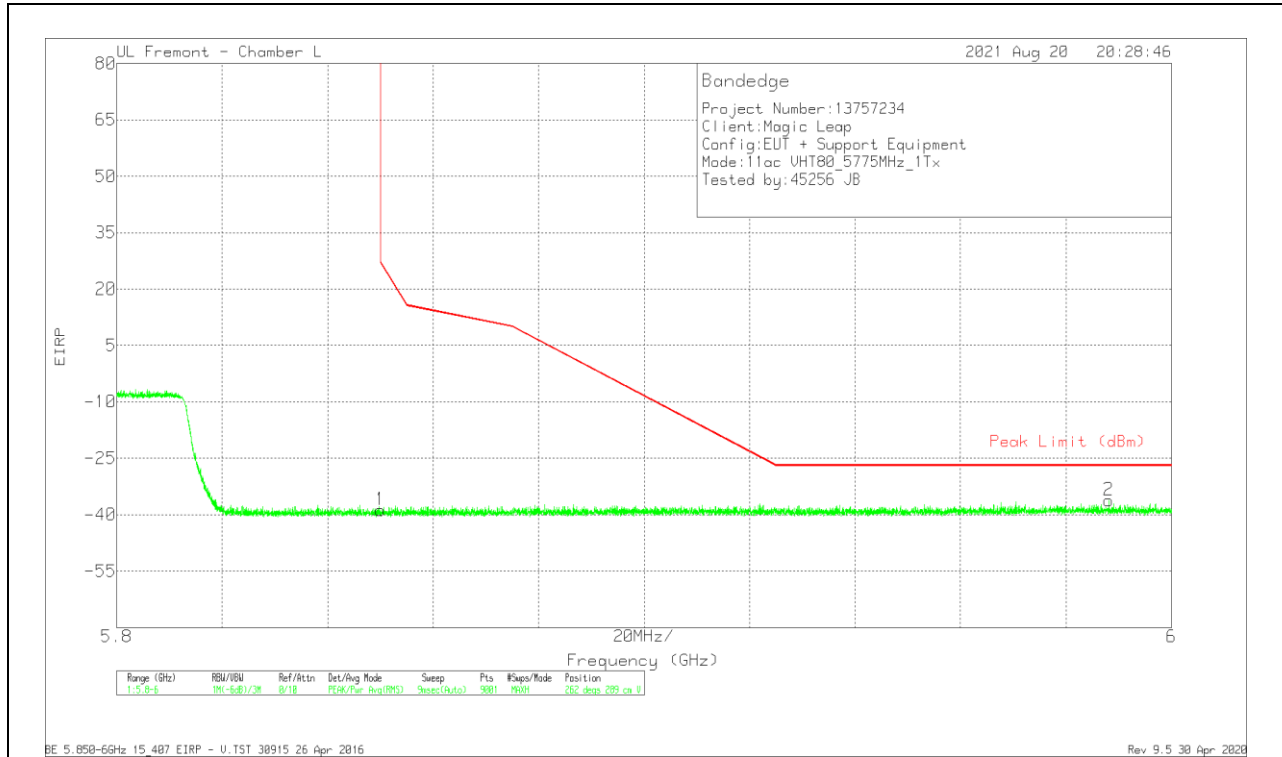
### HORIZONTAL RESULT



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	5.85002	-71.81	Pk	34.9	-13.9	11.8	-39.01	26.95	-65.96	204	313	H
2	5.9942	-69.46	Pk	35.2	-13.2	11.8	-35.66	-27	-8.66	204	313	H

Pk - Peak detector

### VERTICAL RESULT



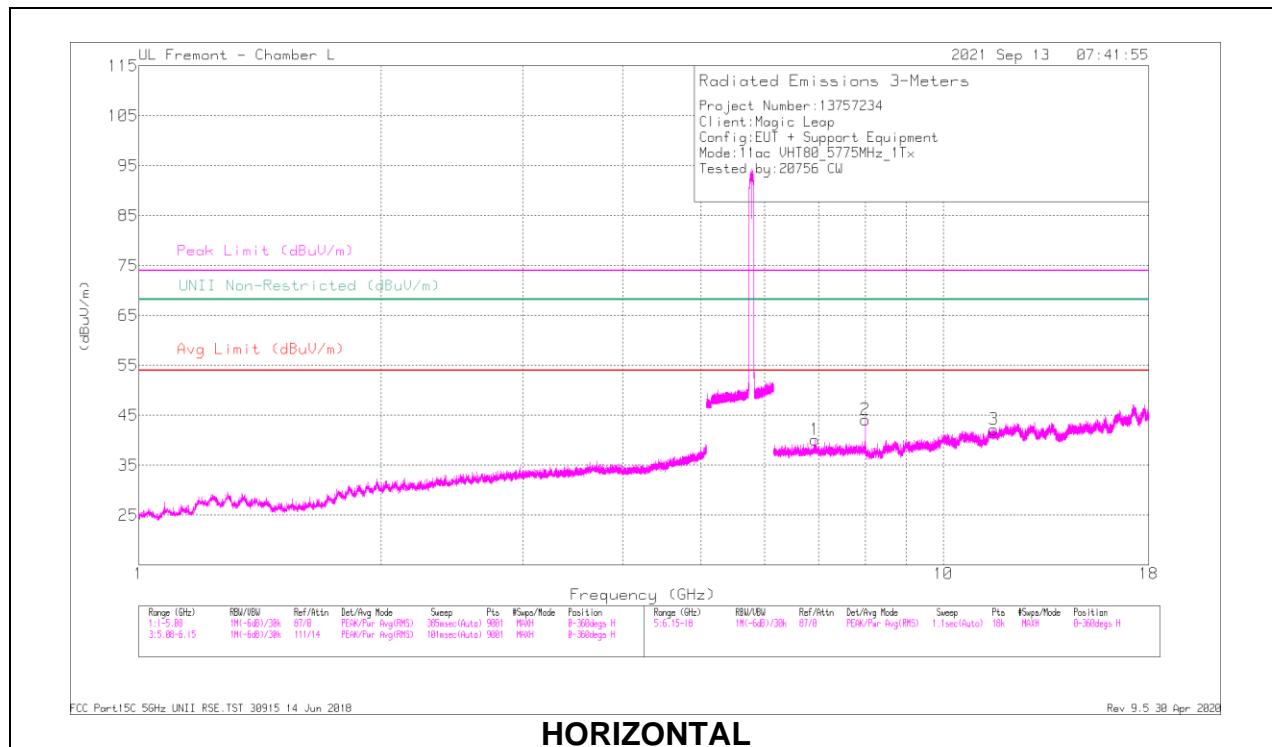
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-71.55	PK	34.9	-13.9	11.8	-38.75	26.95	-65.7	262	289	V
2	5.98809	-69.98	PK	35.2	-13.2	11.8	-36.18	-27	-9.18	262	289	V

Pk - Peak detector

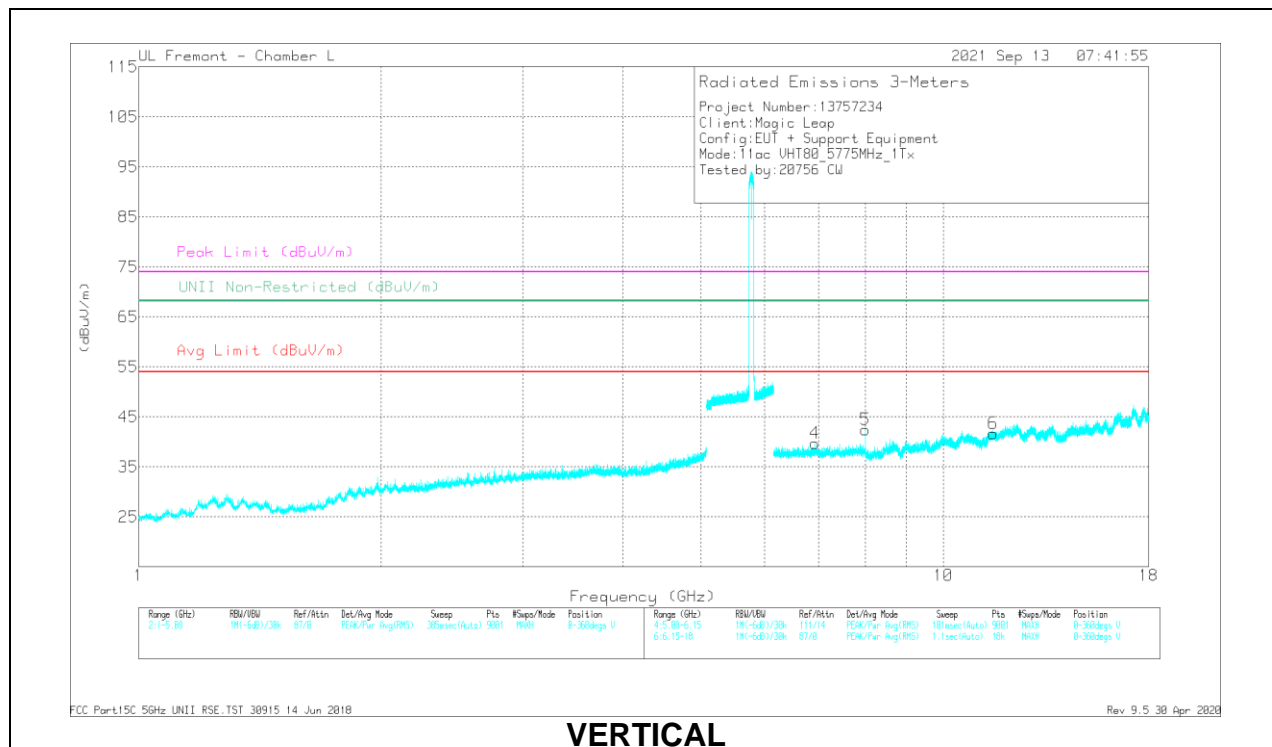


# HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/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	6.93028	31.19	PK-U	35.6	-20.2	46.59	-	-	-	-	68.2	-21.61	125	190	H
2	8.00001	33.67	PK-U	35.8	-18.6	50.87	-	-	-	-	68.2	-17.33	155	101	H
3	* 11.54729	27.64	PK-U	38.6	-16.6	49.64	54	-	74	-24.36	-	-	120	104	H
	* 11.54758	17	ADR	38.7	-16.6	39.1	54	-14.9	-	-	-	-	120	104	H
4	6.93002	31.7	PK-U	35.6	-20.2	47.1	-	-	-	-	68.2	-21.1	120	195	V
5	8.00001	31.84	PK-U	35.8	-18.6	49.04	-	-	-	-	68.2	-19.16	143	177	V
6	* 11.54478	25.85	PK-U	38.7	-16.6	47.95	-	-	74	-26.05	-	-	269	188	V
	* 11.54454	17.04	ADR	38.7	-16.6	39.14	54	-14.86	-	-	-	-	269	188	V

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

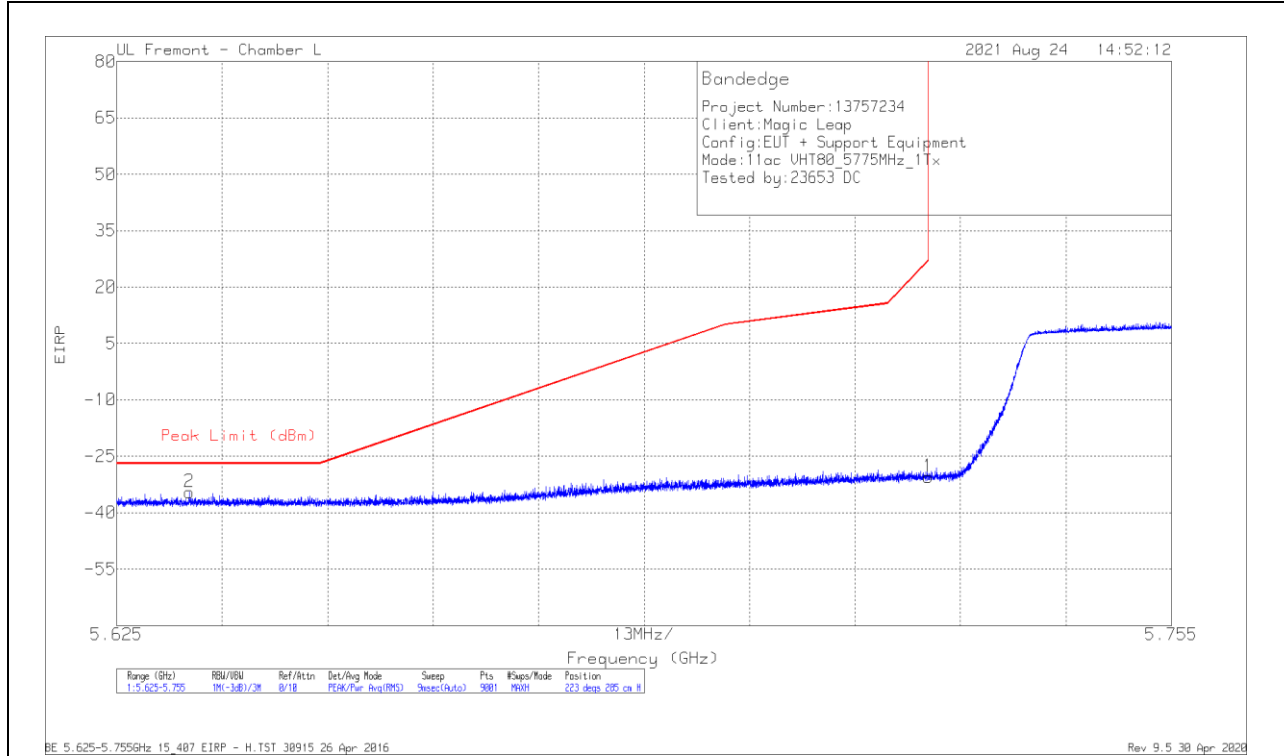
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**1TX Antenna 2 MODE**

**BANDEDGE (CHANNEL 155 LOW EDGE)**

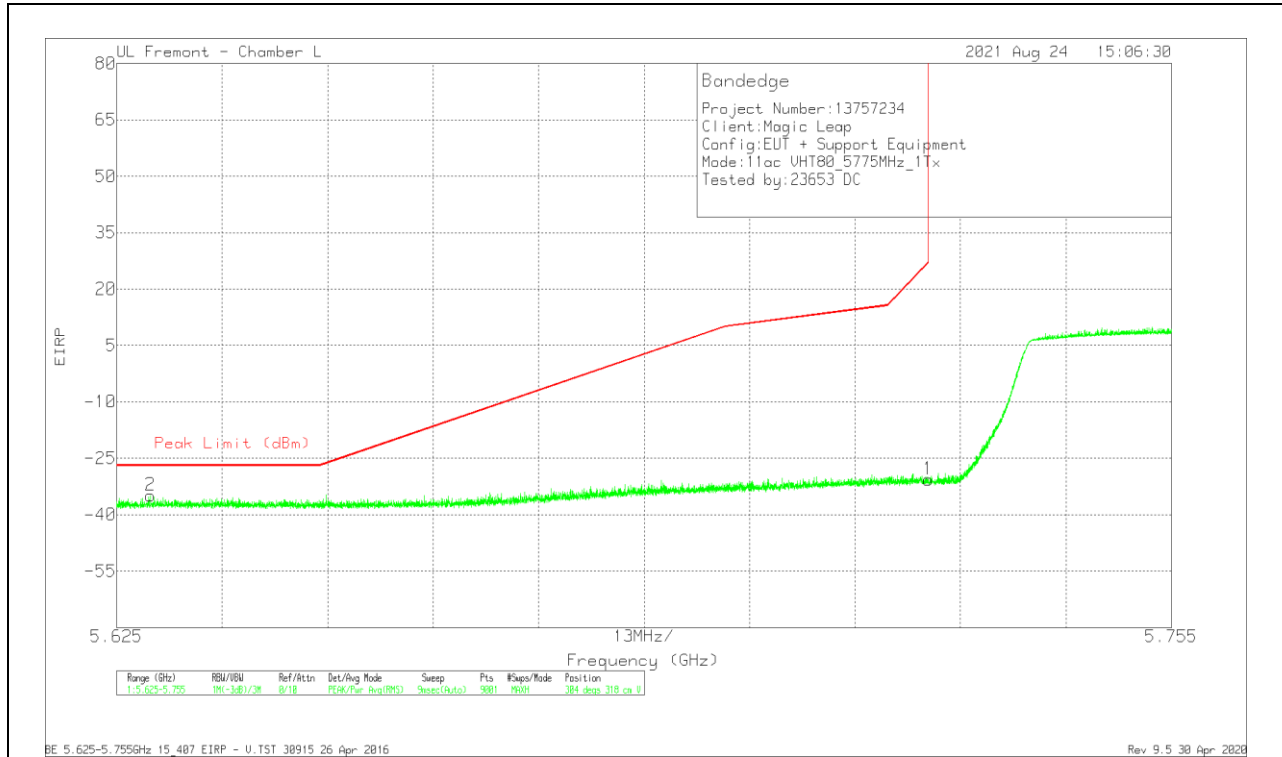
**HORIZONTAL RESULT**



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
1	5.725	-63.13	Pk	34.8	-13.9	11.8	-30.43	26.99	-57.42	223	285	H
2	5.63394	-67.29	Pk	34.8	-13.9	11.8	-34.59	-27	-7.59	223	285	H

Pk - Peak detector

### VERTICAL RESULT

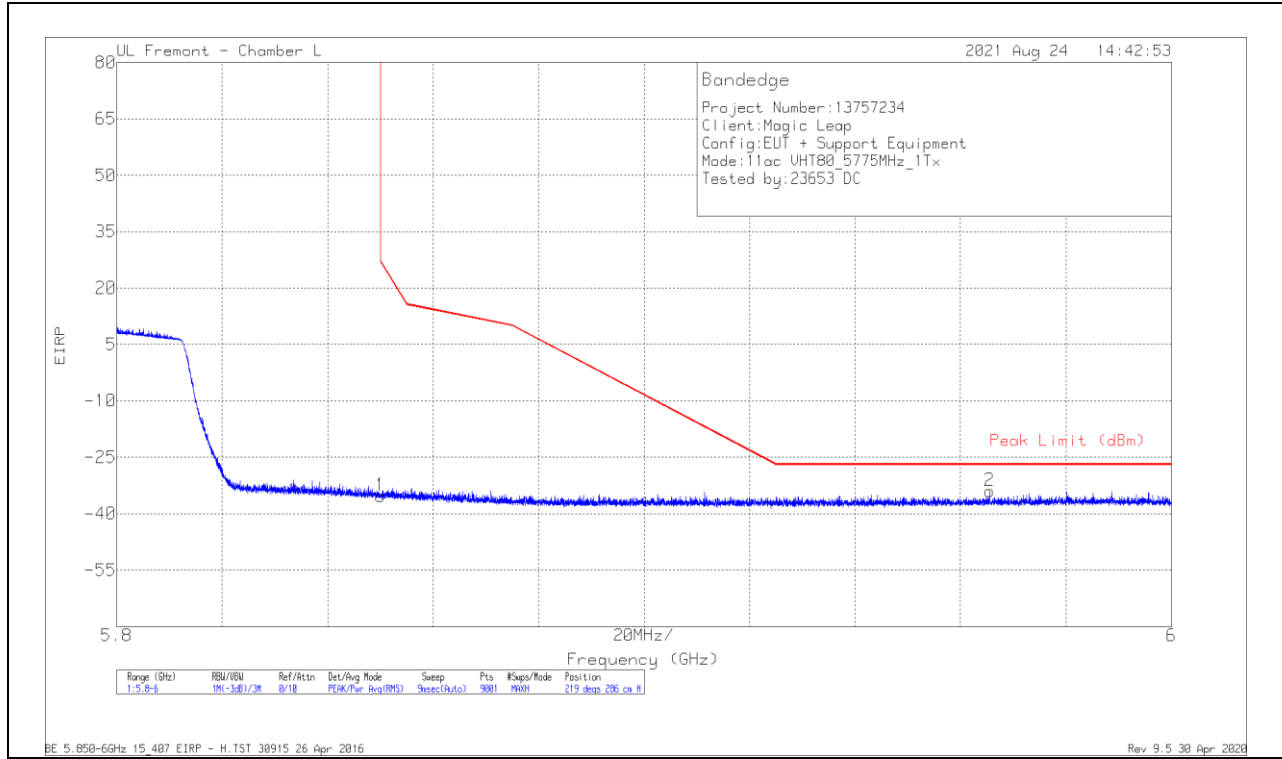


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-63.39	Pk	34.8	-13.9	11.8	-30.69	26.99	-57.68	304	318	V
2	5.62917	-67.71	Pk	34.9	-13.9	11.8	-34.91	-27	-7.91	304	318	V

Pk - Peak detector

### BANDEDGE (CHANNEL 155 HIGH EDGE)

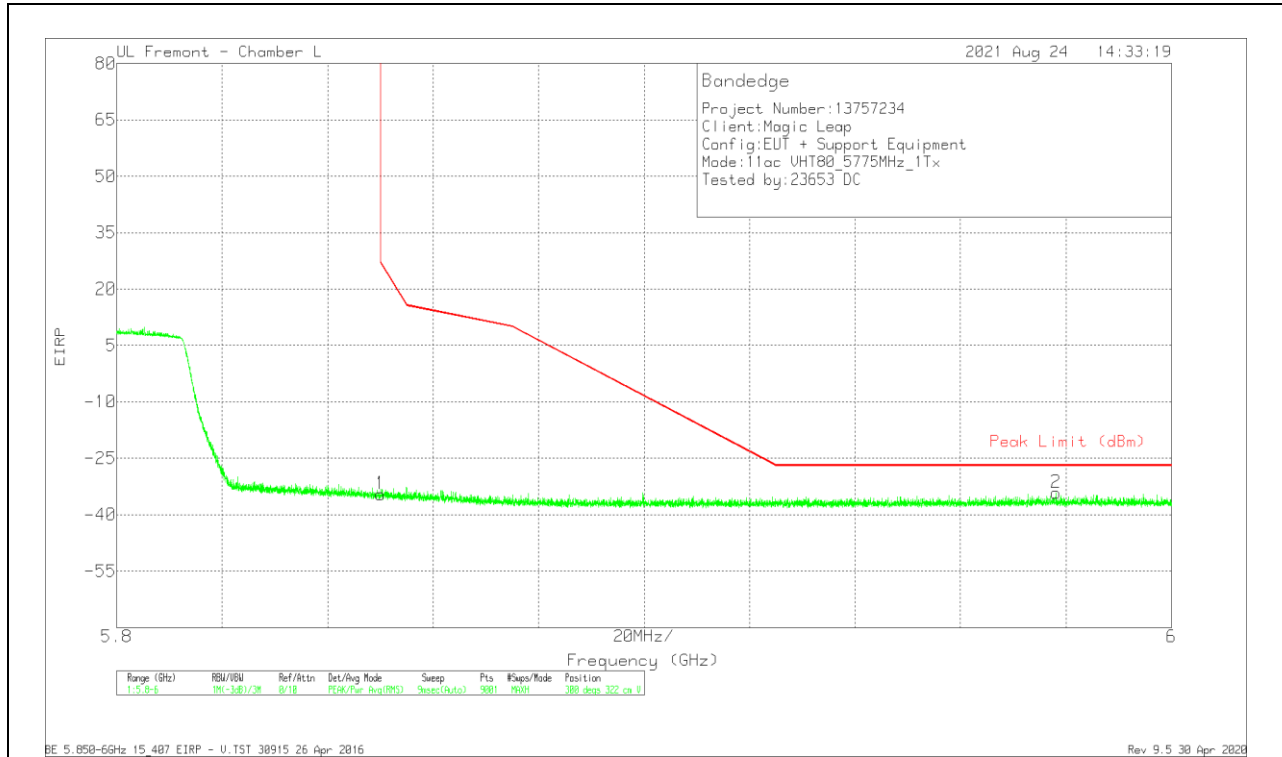
### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb/Fltr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-68.11	Pk	34.9	-13.9	11.8	-35.31	26.95	-62.26	219	286	H
2	5.96549	-67.49	Pk	35.1	-13.4	11.8	-33.99	-27	-6.99	219	286	H

Pk - Peak detector

### VERTICAL RESULT

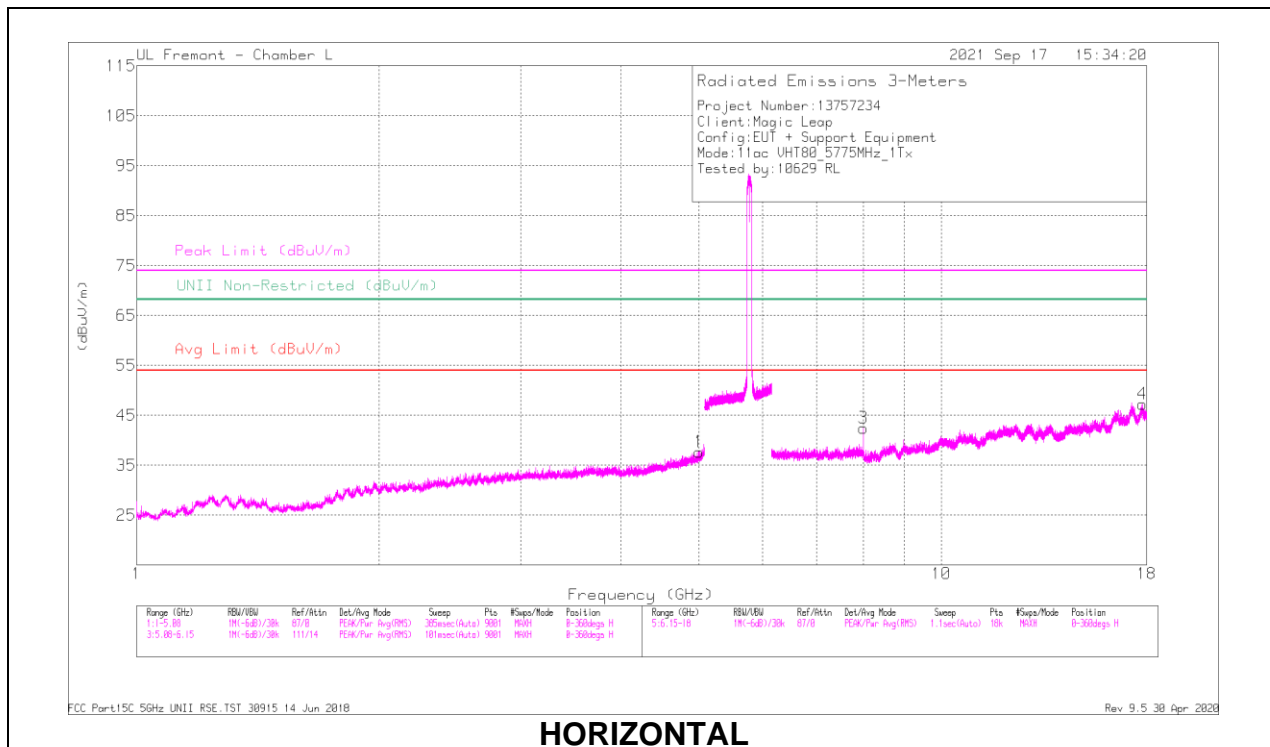


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-67.4	PK	34.9	-13.9	11.8	-34.6	26.95	-61.55	300	322	V
2	5.97811	-67.81	PK	35.2	-13.3	11.8	-34.11	-27	-7.11	300	322	V

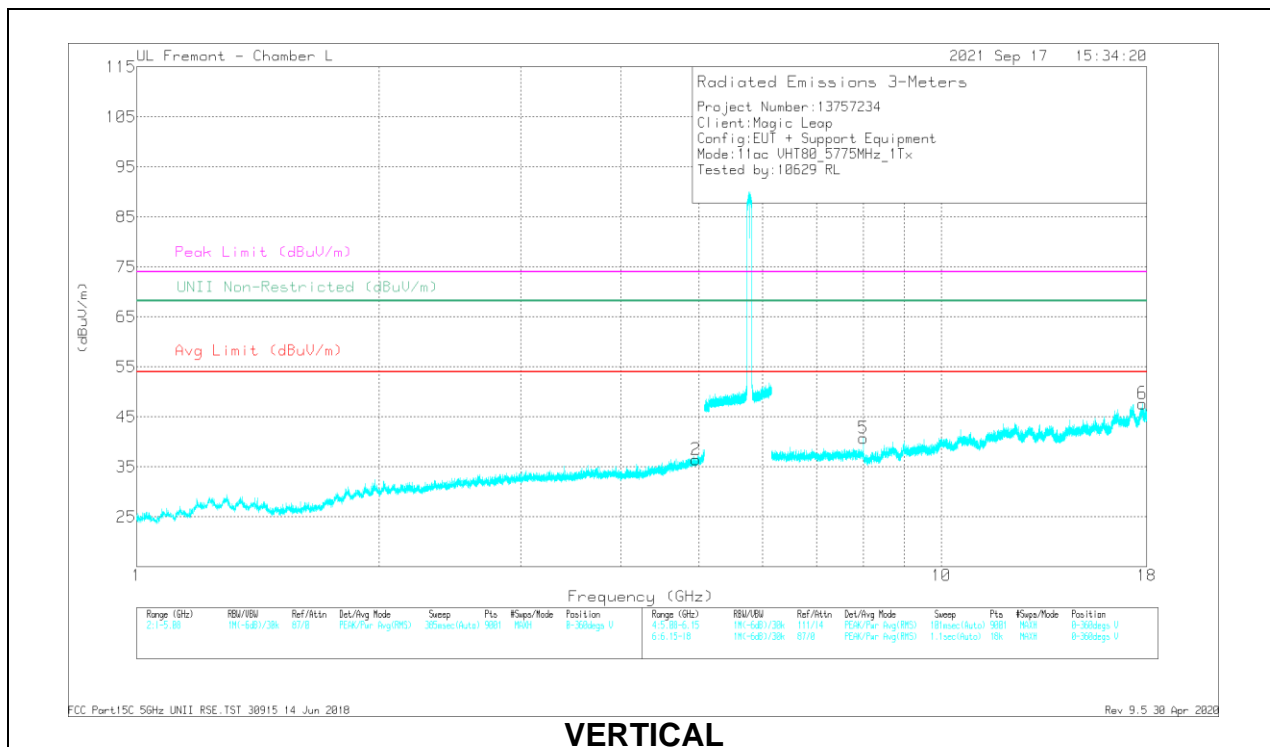
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/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	* 5.00129	31.55	PK-U	34.2	-22.5	43.25	-	-	74	-30.75	-	-	338	356	H
	* 5.00191	21.02	ADR	34.2	-22.4	32.82	54	-21.18	-	-	-	-	338	356	H
2	* 4.95173	33.7	PK-U	34.2	-23.7	44.2	-	-	74	-29.8	-	-	68	180	V
	* 4.9539	23.7	ADR	34.2	-23.6	34.3	54	-19.7	-	-	-	-	68	180	V
3	8	35.92	PK-U	35.8	-18.6	53.12	-	-	-	-	68.2	-15.08	175	103	H
4	* 17.77421	26.38	PK-U	41.3	-13.9	53.78	-	-	74	-20.22	-	-	110	280	H
	* 17.77375	15.26	ADR	41.3	-13.9	42.66	54	-11.34	-	-	-	-	110	280	H
5	8.00006	32.41	PK-U	35.8	-18.6	49.61	-	-	-	-	68.2	-18.59	186	138	V
6	* 17.7874	26.5	PK-U	41.3	-13.8	54	-	-	74	-20	-	-	239	101	V
	* 17.7865	15.77	ADR	41.3	-13.8	43.27	54	-10.73	-	-	-	-	239	101	V

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

PK-U - U-NII: Maximum Peak

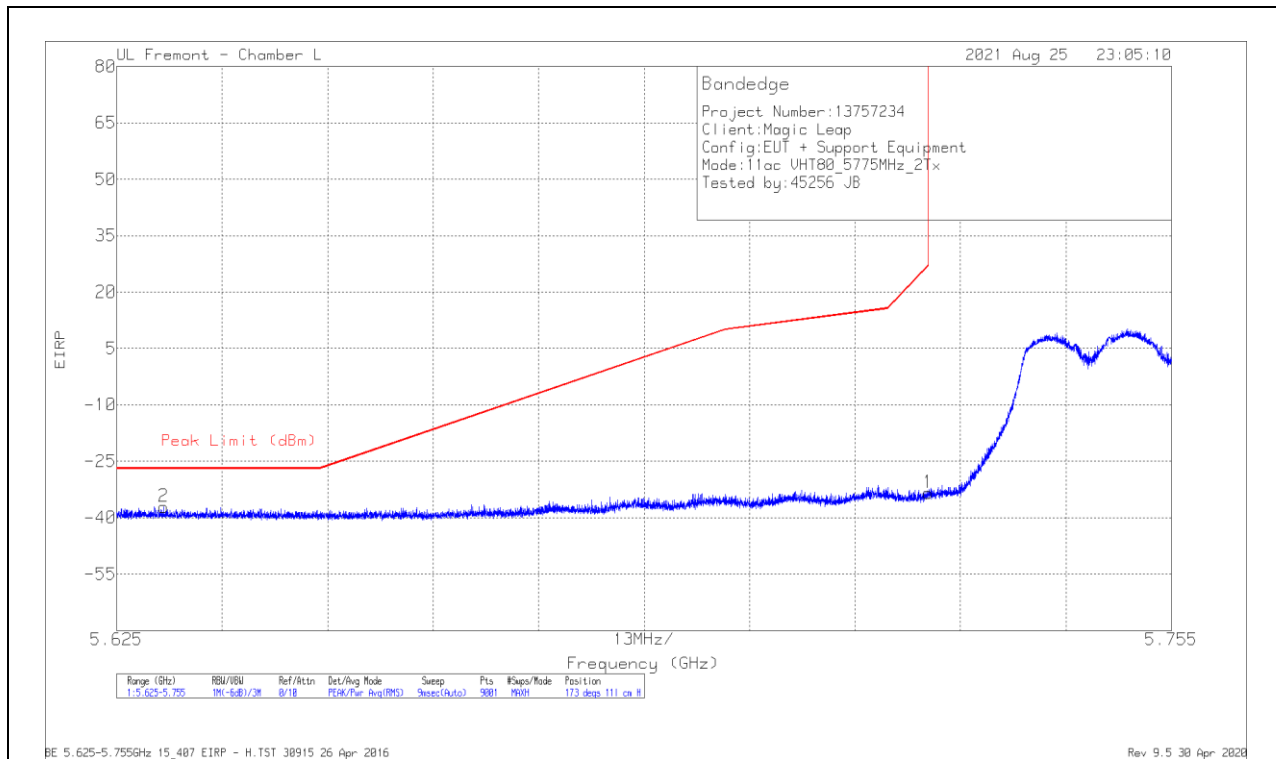
ADR - U-NII AD primary method, RMS average



**2TX Antenna 1 + Antenna 2 CDD MODE**

**BANDEDGE (CHANNEL 155 LOW EDGE)**

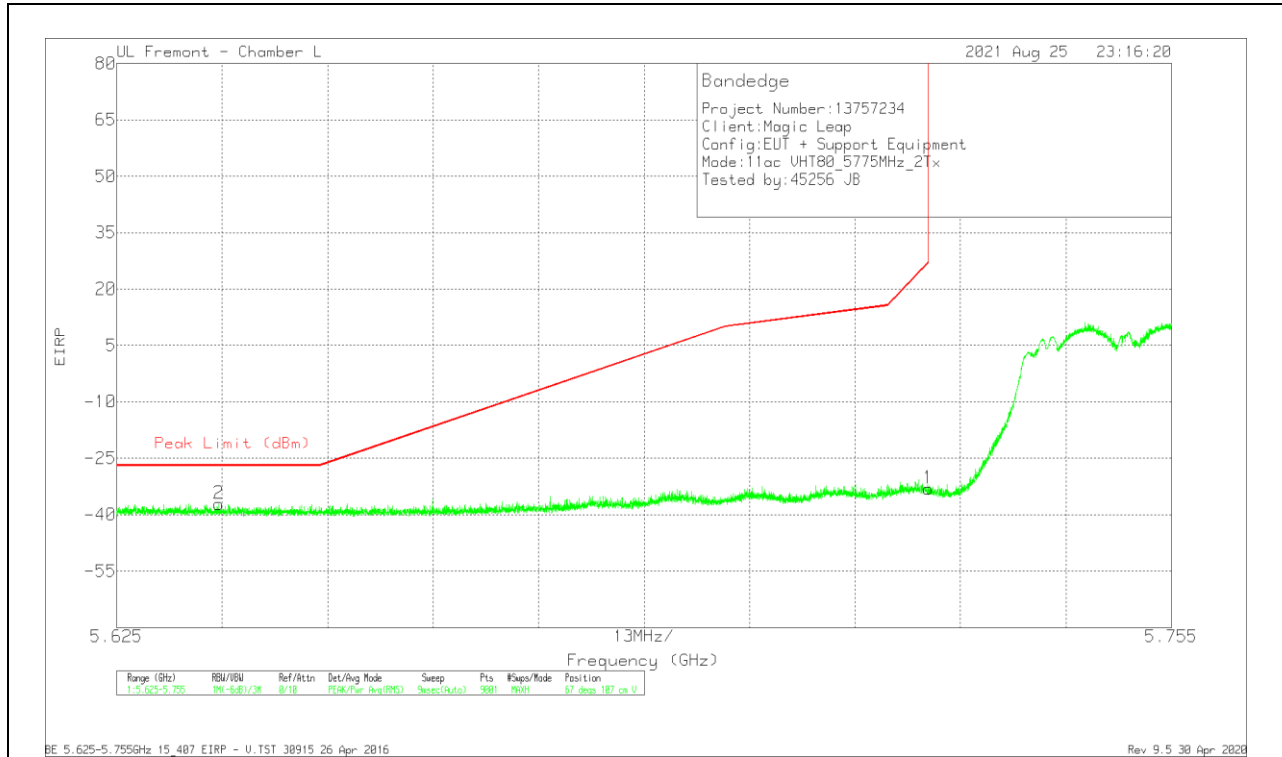
**HORIZONTAL RESULT**



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
1	5.725	-66.13	Pk	34.8	-13.9	11.8	-33.43	26.99	-60.42	173	111	H
2	5.63081	-69.74	Pk	34.8	-13.9	11.8	-37.04	-27	-10.04	173	111	H

Pk - Peak detector

### VERTICAL RESULT

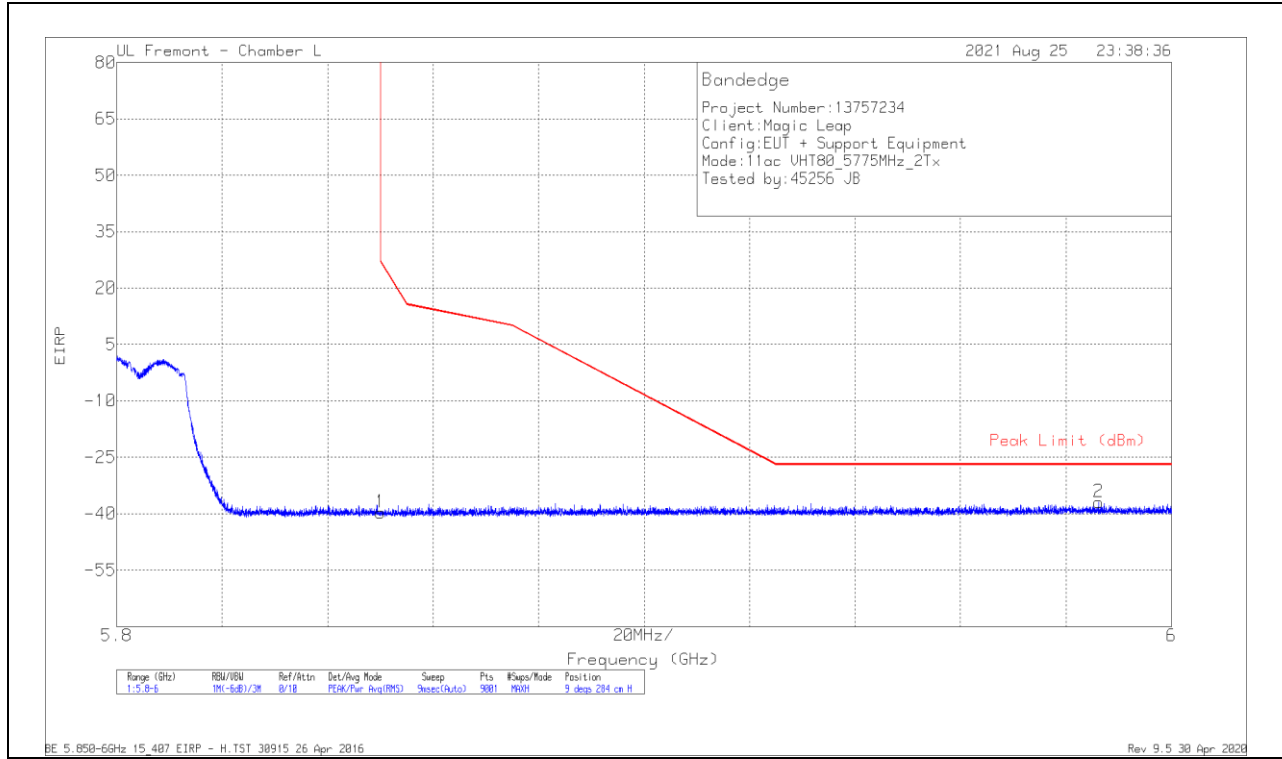


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-65.76	PK	34.8	-13.9	11.8	-33.06	26.99	-60.05	67	107	V
2	5.6376	-69.75	PK	34.8	-13.9	11.8	-37.05	-27	-10.05	67	107	V

Pk - Peak detector

### BANDEDGE (CHANNEL 155 HIGH EDGE)

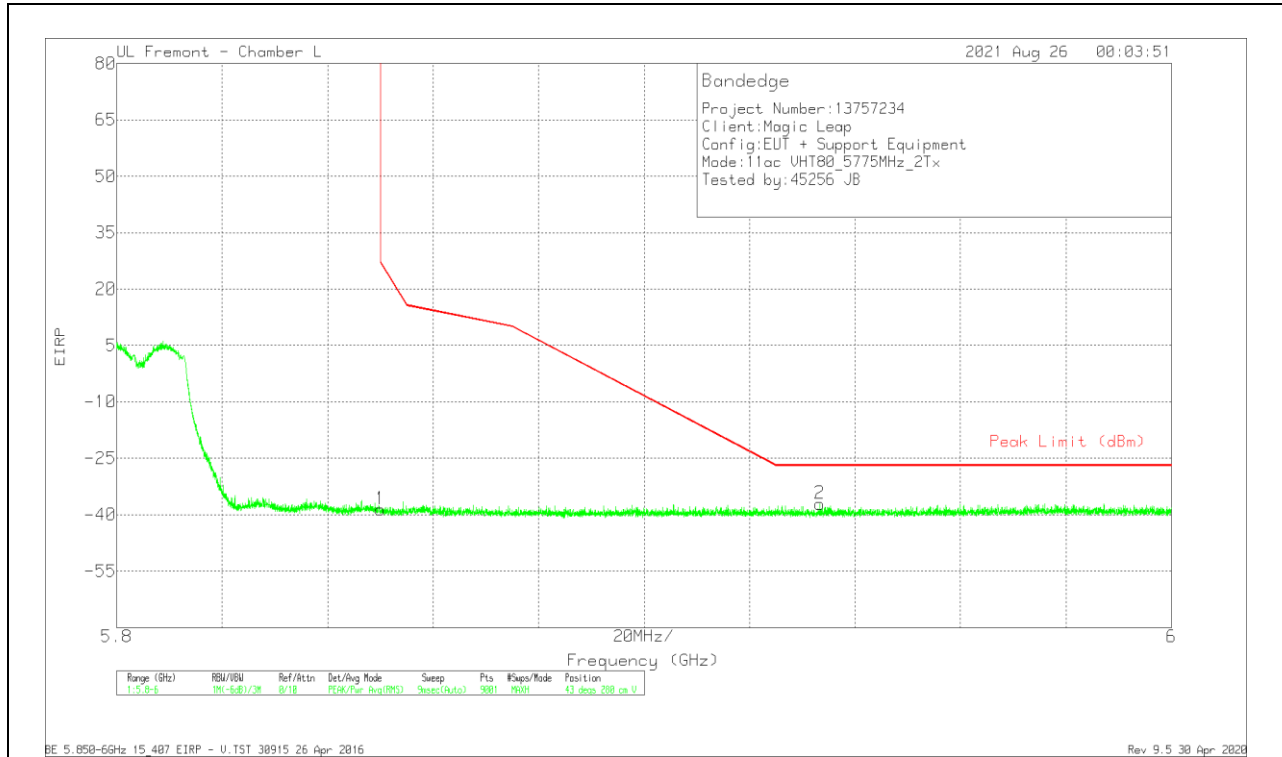
### HORIZONTAL RESULT



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	5.85002	-72.47	Pk	34.9	-13.9	11.8	-39.67	26.95	-66.62	9	284	H
2	5.98618	-70.72	Pk	35.2	-13.2	11.8	-36.92	-27	-9.92	9	284	H

Pk - Peak detector

### VERTICAL RESULT

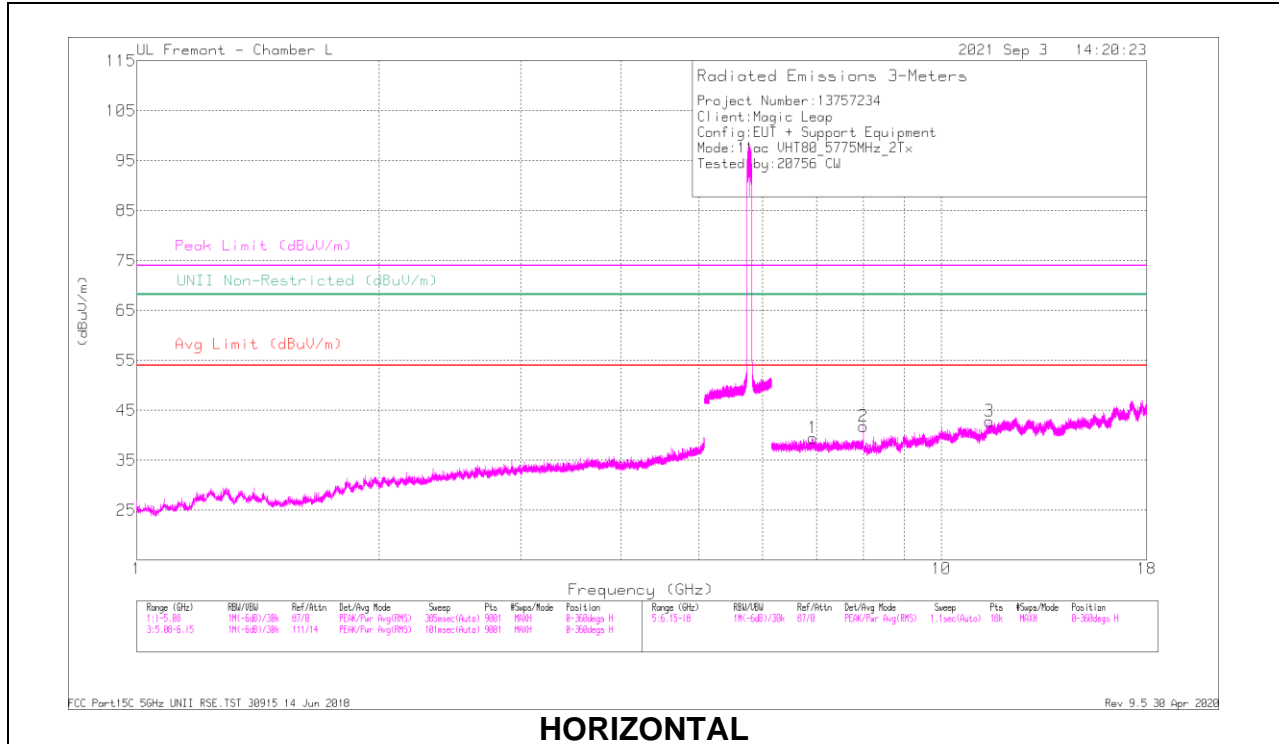


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-71.38	PK	34.9	-13.9	11.8	-38.58	26.95	-65.53	43	280	V
2	5.93335	-70.25	PK	35	-13.6	11.8	-37.05	-27	-10.05	43	280	V

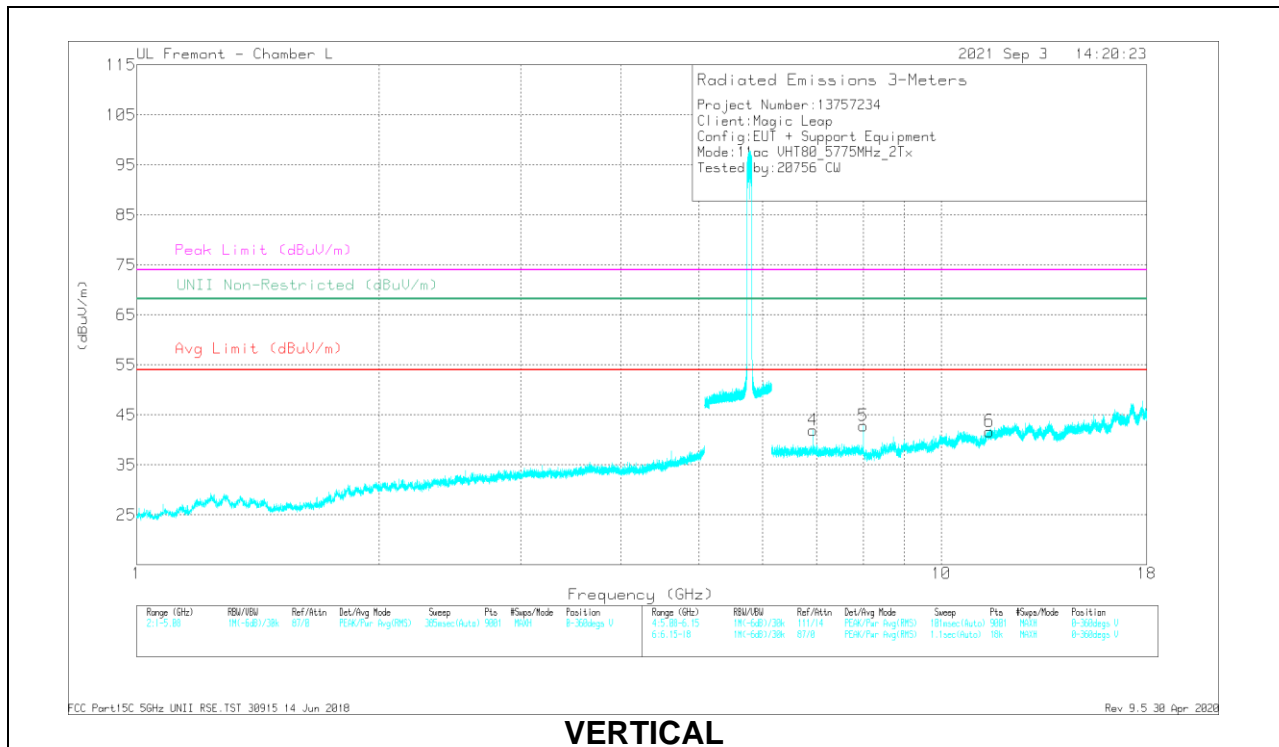
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Chaff/Trn/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	6.93007	31.54	PK-U	35.6	-20.2	46.94	-	-	-	-	68.2	-21.26	330	175	H
2	8.00001	30.18	PK-U	35.8	-18.6	47.38	-	-	-	-	68.2	-20.82	326	120	H
3	* 11.47764	27.77	PK-U	38.5	-16.9	49.37	54	-	74	-24.63	-	-	319	149	H
	* 11.4774	17.4	ADR	38.5	-16.9	38	54	-15	-	-	-	-	319	149	H
4	6.92982	31.28	PK-U	35.6	-20.2	46.68	-	-	-	-	68.2	-21.52	317	134	V
5	8.00001	33.81	PK-U	35.8	-18.6	51.01	-	-	-	-	68.2	-17.19	256	142	V
6	* 11.47056	28.22	PK-U	38.5	-16.9	49.82	-	-	74	-24.18	-	-	81	178	V
	* 11.47056	17.56	ADR	38.5	-16.9	39.16	54	-14.84	-	-	-	-	81	178	V

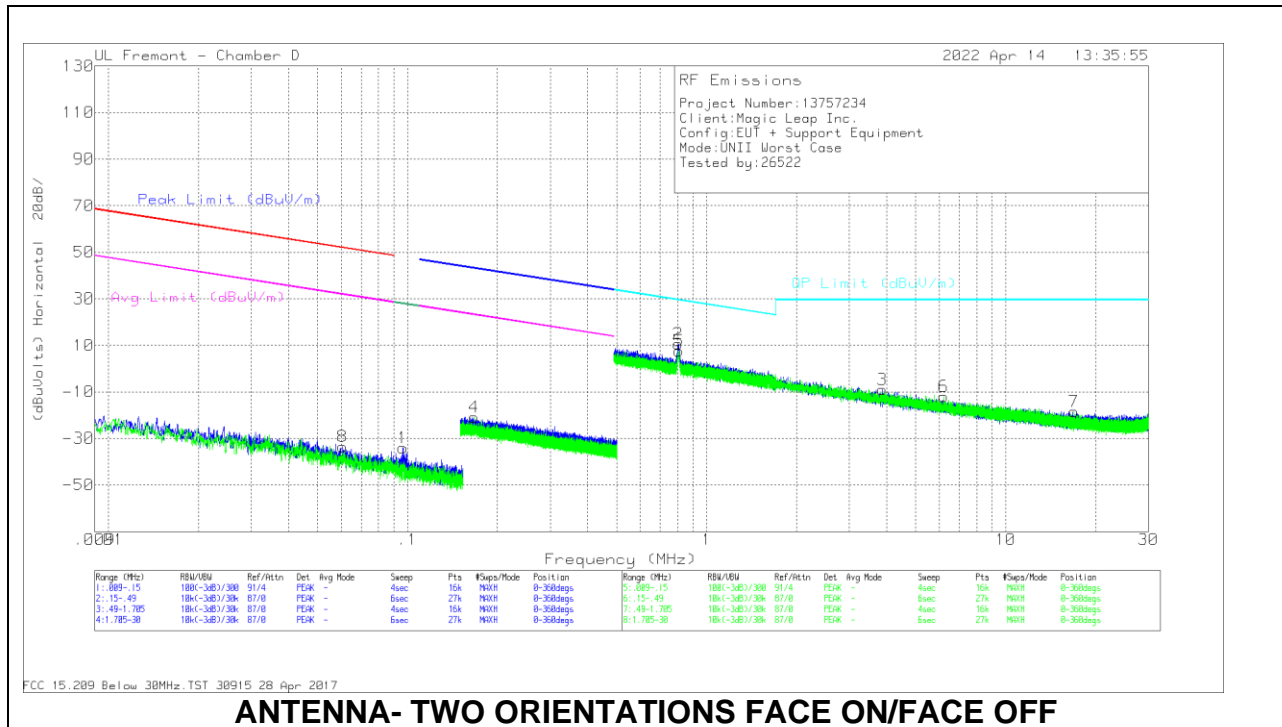
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

## 10.2. WORST CASE BELOW 30MHZ

### SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



**Below 30MHz Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
8	.0608	33.8	Pk	12.7	.1	-80	-33.4	51.91	-85.31	31.91	-65.31	-	-	0-360
1	.0966	33.91	Pk	11.9	.1	-80	-34.09	-	-	-	-	27.9	-61.99	0-360
4	.1671	47.43	Pk	11.5	.1	-80	-20.97	43.16	-64.13	23.16	-44.13	-	-	0-360

Pk - Peak detector

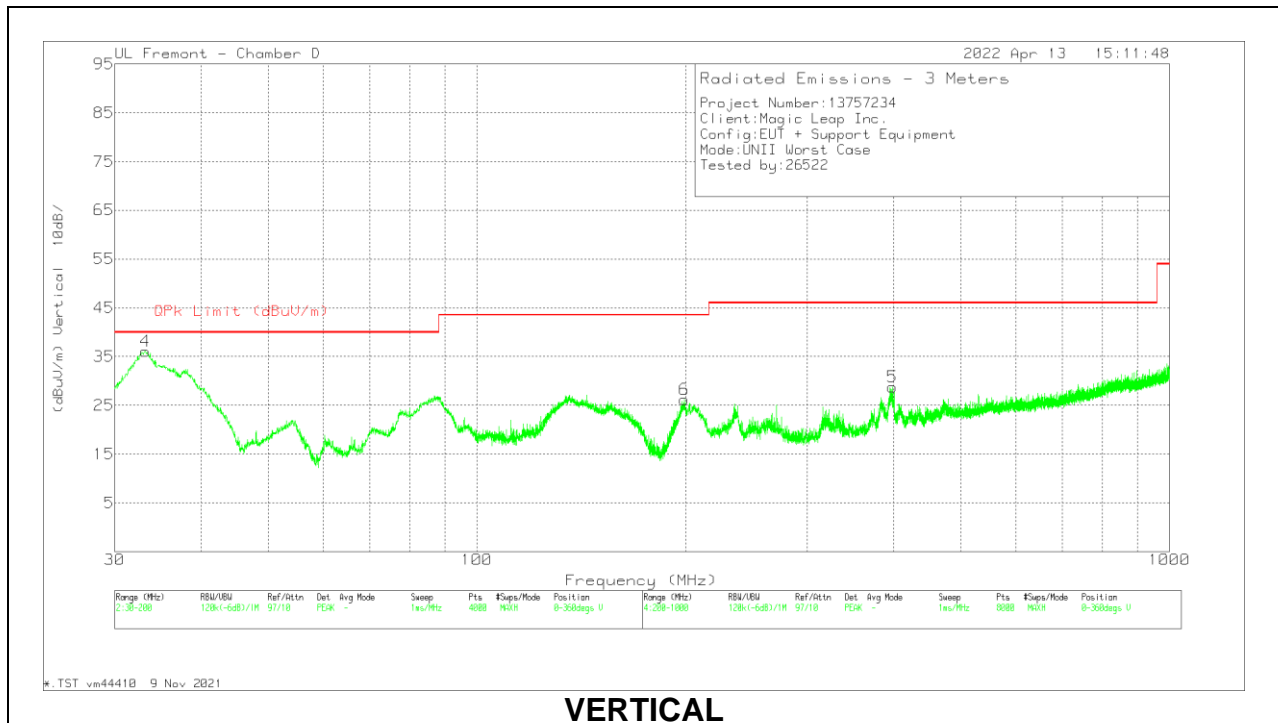
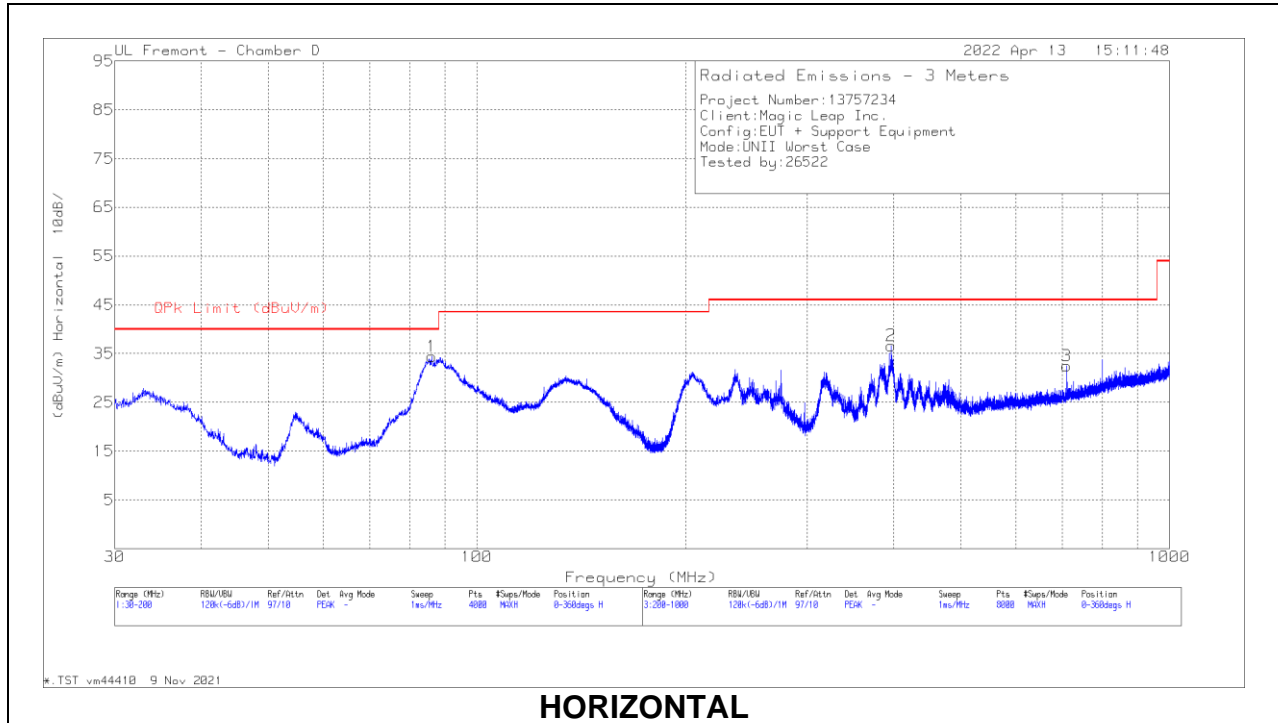
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dBm)	Cables (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
2	.8043	39.13	Pk	11.3	.1	-40	10.53	29.51	-18.98	0-360
5	.8058	36.35	Pk	11.3	.1	-40	7.75	29.49	-21.74	0-360
3	3.8702	19.17	Pk	11.5	.3	-40	-9.03	29.5	-38.53	0-360
6	6.1967	16.46	Pk	11.2	.4	-40	-11.94	29.5	-41.44	0-360
7	16.9272	10.24	Pk	10.5	.7	-40	-18.56	29.5	-48.06	0-360

Pk - Peak detector



### 10.3. WORST CASE BELOW 1 GHZ

#### SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



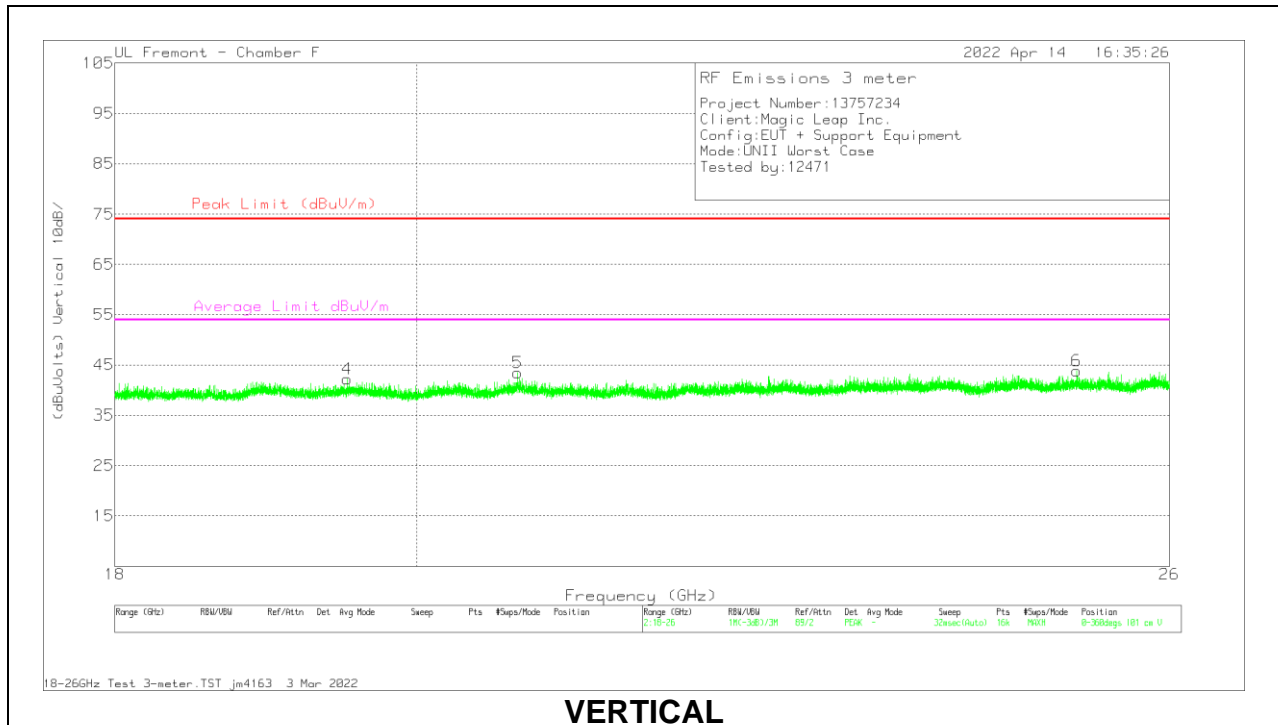
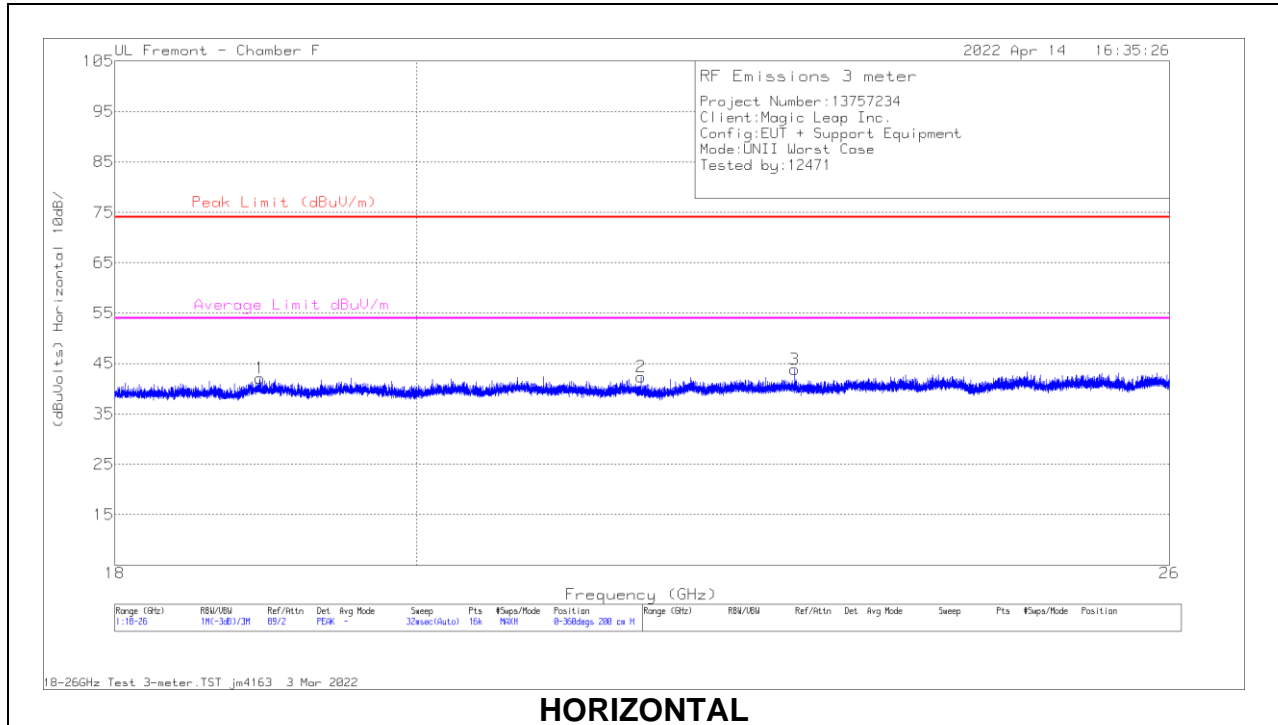
**Below 1GHz Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80293 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	33.0829	40.19	Qp	25.8	-31.7	34.29	40	-5.71	182	100	V
1	85.9901	49.39	Qp	13.5	-31.1	31.79	40	-8.21	332	227	H
6	199.406	37.18	Pk	19.1	-30.1	26.18	43.52	-17.34	0-360	100	V
2	396.826	43.66	Pk	21.9	-28.9	36.66	46.02	-9.36	0-360	101	H
5	397.926	35.75	Pk	21.9	-28.9	28.75	46.02	-17.27	0-360	99	V
3	710.666	33.51	Pk	26.7	-27.7	32.51	46.02	-13.51	0-360	399	H

Pk - Peak detector  
 Qp - Quasi-Peak detector

### 10.4. WORST CASE 18-26 GHZ

#### SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



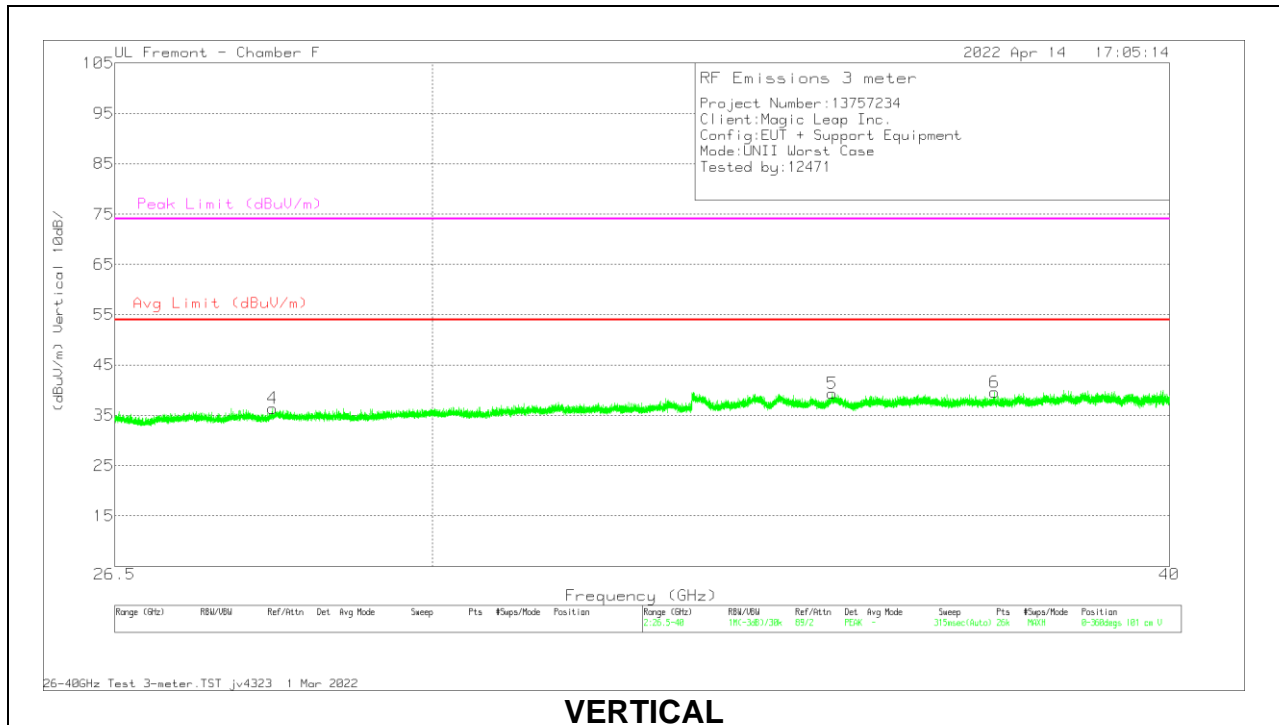
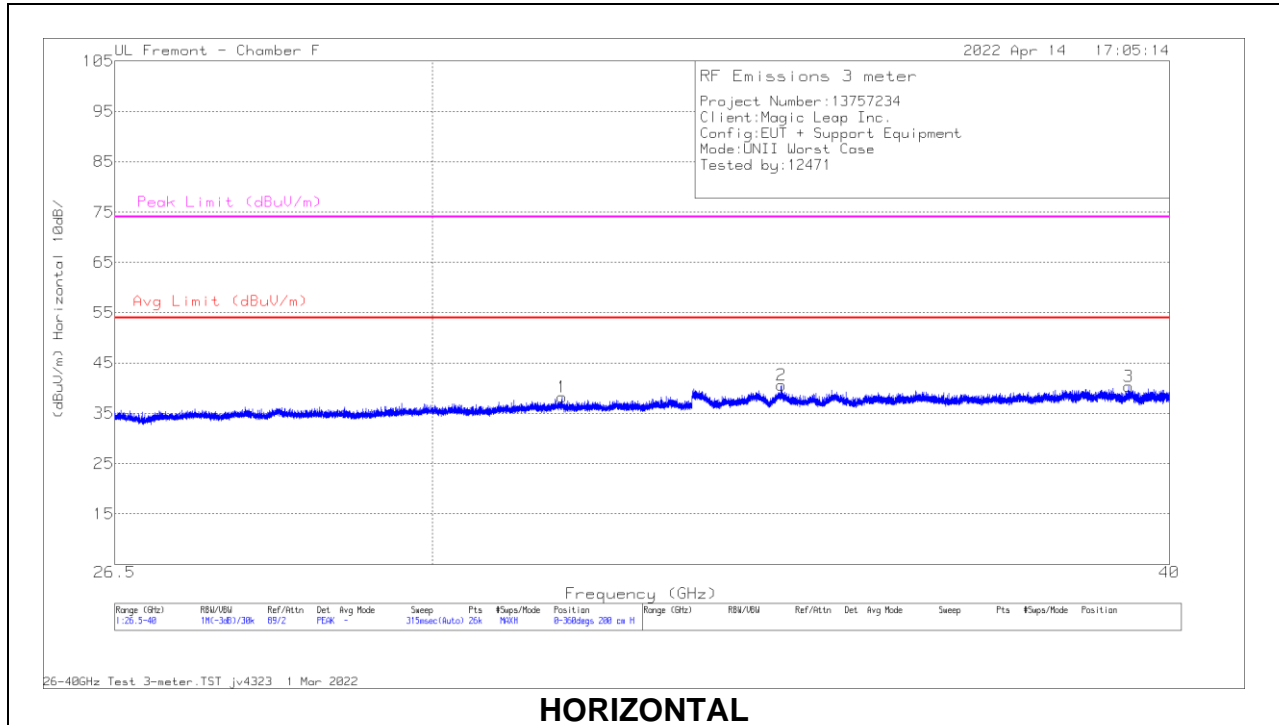
## 18 – 26GHz Data

Mark or	Frequency (GHz)	Meter Reading (dBuV)	Det	81140 AF (dB/m)	Cables (dB)	215705 Amp Kit (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.935	52.4	Pk	32.5	17.8	-60.6	42.1	74	-31.9	54	-11.9	0-360	200	H
2	21.626	50.7	Pk	33.1	19	-60.4	42.4	74	-31.6	54	-11.6	0-360	200	H
3	* 22.8135	51.79	Pk	33.4	19.6	-61	43.79	74	-30.21	54	-10.21	0-360	101	H
4	* 19.521	52.42	Pk	32.7	18.1	-61	42.22	74	-31.78	54	-11.78	0-360	101	V
5	* 20.715	51.24	Pk	33	18.7	-59.5	43.44	74	-30.56	54	-10.56	0-360	101	V
6	25.175	50.2	Pk	34.2	20.6	-61.2	43.8	74	-30.2	54	-10.2	0-360	101	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector

### 10.5. WORST CASE 26-40 GHZ

#### SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)



**26 – 40GHz Data**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	81104 AF (dB/m)	Cables (dB)	172345 Amp Kit (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 31.552461	55.68	PK-U	36.5	23.3	-69	46.48	54	-7.52	74	-27.52	204	147	H
	* 31.552257	44.09	ADR	36.5	23.3	-69	34.89	54	-19.11	-	-	204	147	H
2	34.374066	58.68	PK-U	37.2	24.3	-72.1	48.08	54	-5.92	74	-26.92	270	239	H
	34.37552	46.68	ADR	37.3	24.3	-72.1	36.18	54	-17.82	-	-	270	239	H
3	* 39.370714	55.41	PK-U	38.2	26.3	-70.4	49.51	54	-4.49	74	-24.49	308	177	H
	* 39.369591	43.42	ADR	38.3	26.3	-70.4	37.62	54	-16.38	-	-	308	177	H
4	28.187829	59.74	PK-U	36	21.9	-72.5	45.14	54	-8.86	74	-28.86	213	233	V
	28.187433	48.21	ADR	35.9	21.9	-72.5	33.51	54	-20.49	-	-	213	233	V
5	35.066125	58.12	PK-U	37.2	24.5	-72.4	47.42	54	-6.58	74	-26.58	84	195	V
	35.065741	46.56	ADR	37.2	24.5	-72.4	35.86	54	-18.14	-	-	84	195	V
6	37.358586	54.39	PK-U	38.2	25.5	-69.2	48.89	54	-5.11	74	-25.11	112	103	V
	37.356169	42.73	ADR	37.9	25.5	-69.2	36.93	54	-17.07	-	-	112	103	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

## 11. 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.

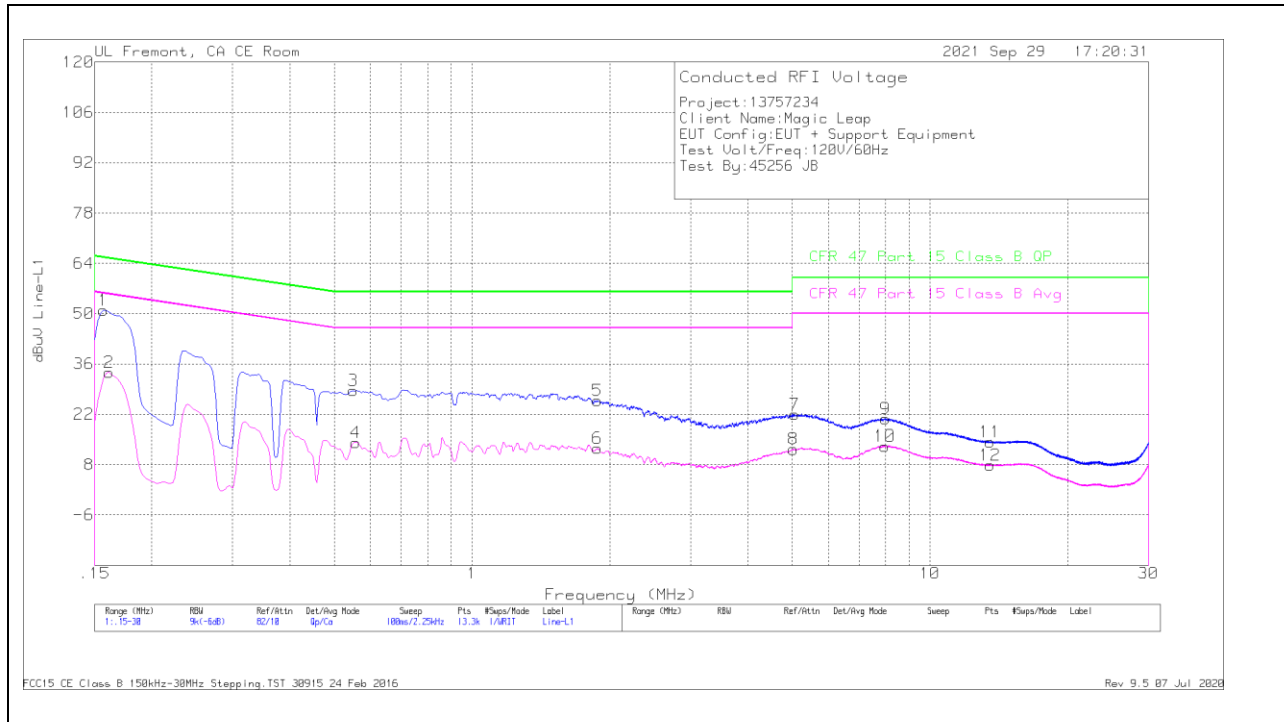
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

AC Power Line Norm

LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 L1	LC Cables C1&C3 dB	TekBox Limiter TBFL1 Model 207	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
2	.16125	24.29	Ca	0	0	9.4	33.69	-	-	55.4	-21.71
4	.55725	4.87	Ca	0	0	9.3	14.17	-	-	46	-31.83
6	1.878	3.11	Ca	0	.1	9.3	12.51	-	-	46	-33.49
8	5.03813	2.91	Ca	0	.1	9.3	12.31	-	-	50	-37.69
10	7.97325	3.77	Ca	0	.1	9.3	13.17	-	-	50	-36.83
12	13.542	-1.71	Ca	.1	.2	9.3	7.89	-	-	50	-42.11
1	.15675	41.39	Qp	.1	0	9.4	50.89	65.63	-14.74	-	-
3	.5505	19.31	Qp	0	0	9.3	28.61	56	-27.39	-	-
5	1.878	16.46	Qp	0	.1	9.3	25.86	56	-30.14	-	-
7	5.0685	12.59	Qp	0	.1	9.3	21.99	60	-38.01	-	-
9	7.99575	11.33	Qp	0	.1	9.3	20.73	60	-39.27	-	-
11	13.52175	4.79	Qp	.1	.2	9.3	14.39	60	-45.61	-	-

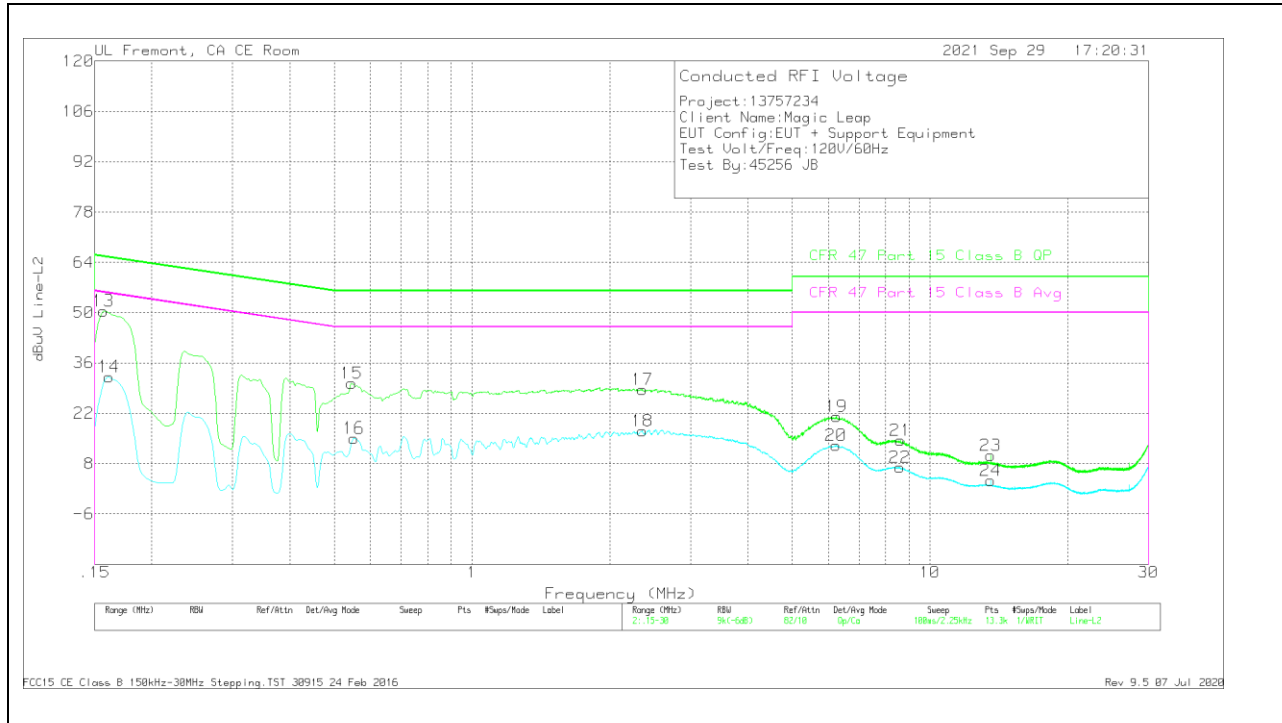
Qp - Quasi-Peak detector

Ca - CISPR average detection

Marker 11 and 12 are from an external NFC signal unrelated to the EUT.



### LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 L2	LC Cables C2&C3 dB	TekBox Limiter TBFL1 Model 207	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
14	.16125	22.79	Ca	0	0	9.4	32.19	-	-	55.4	-23.21
16	.55275	5.79	Ca	0	0	9.3	15.09	-	-	46	-30.91
18	2.355	7.66	Ca	0	.1	9.3	17.06	-	-	46	-28.94
20	6.243	3.65	Ca	0	.1	9.3	13.05	-	-	50	-36.95
22	8.58525	-2.59	Ca	0	.2	9.3	6.91	-	-	50	-43.09
24	13.56	-6.24	Ca	.1	.2	9.3	3.36	-	-	50	-46.64
13	.15675	41.11	Qp	0	0	9.4	50.51	65.63	-15.12	-	-
15	.546	21.04	Qp	0	0	9.3	30.34	56	-25.66	-	-
17	2.355	19.25	Qp	0	.1	9.3	28.65	56	-27.35	-	-
19	6.252	11.76	Qp	0	.1	9.3	21.16	60	-38.84	-	-
21	8.61675	4.96	Qp	0	.2	9.3	14.46	60	-45.54	-	-
23	13.56	.75	Qp	.1	.2	9.3	10.35	60	-49.65	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection

Marker 23 and 24 are from an external NFC signal unrelated to the EUT.

## 12. SETUP PHOTOS

Please refer to UL Verification Services Report number 13757234-EP2V1.

**END OF TEST REPORT**