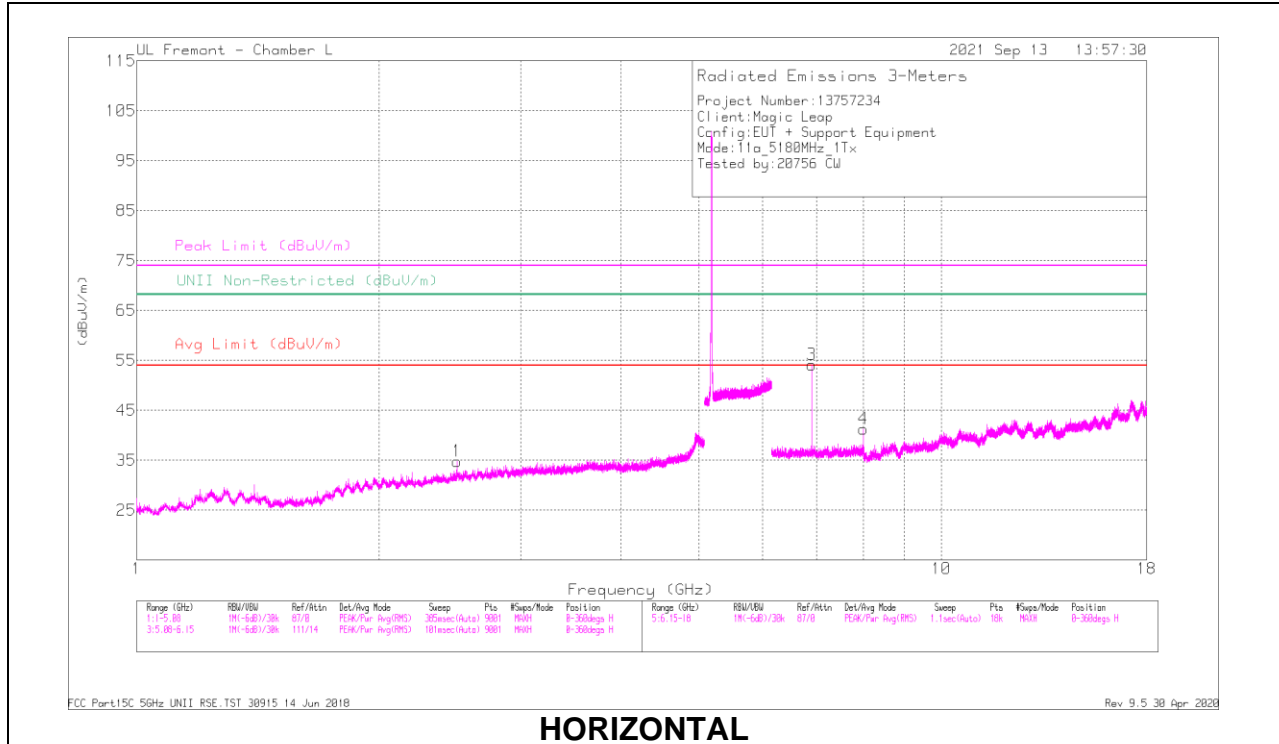
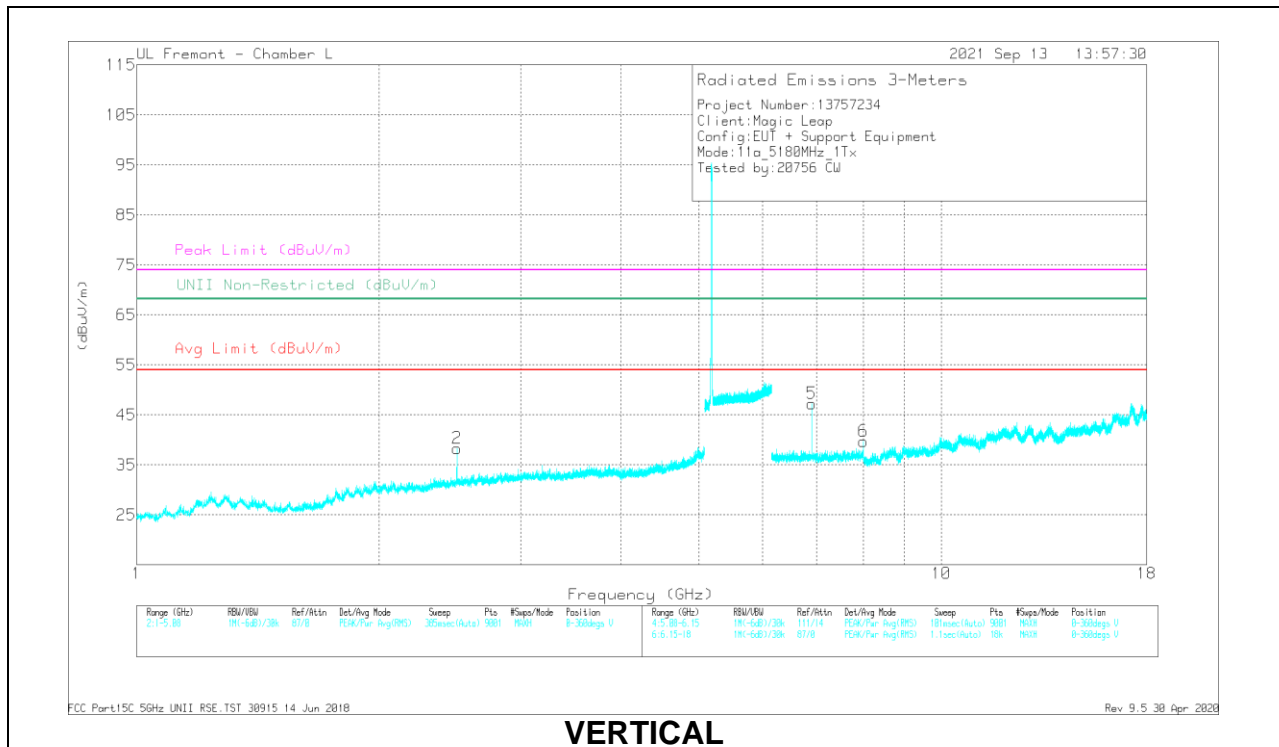


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



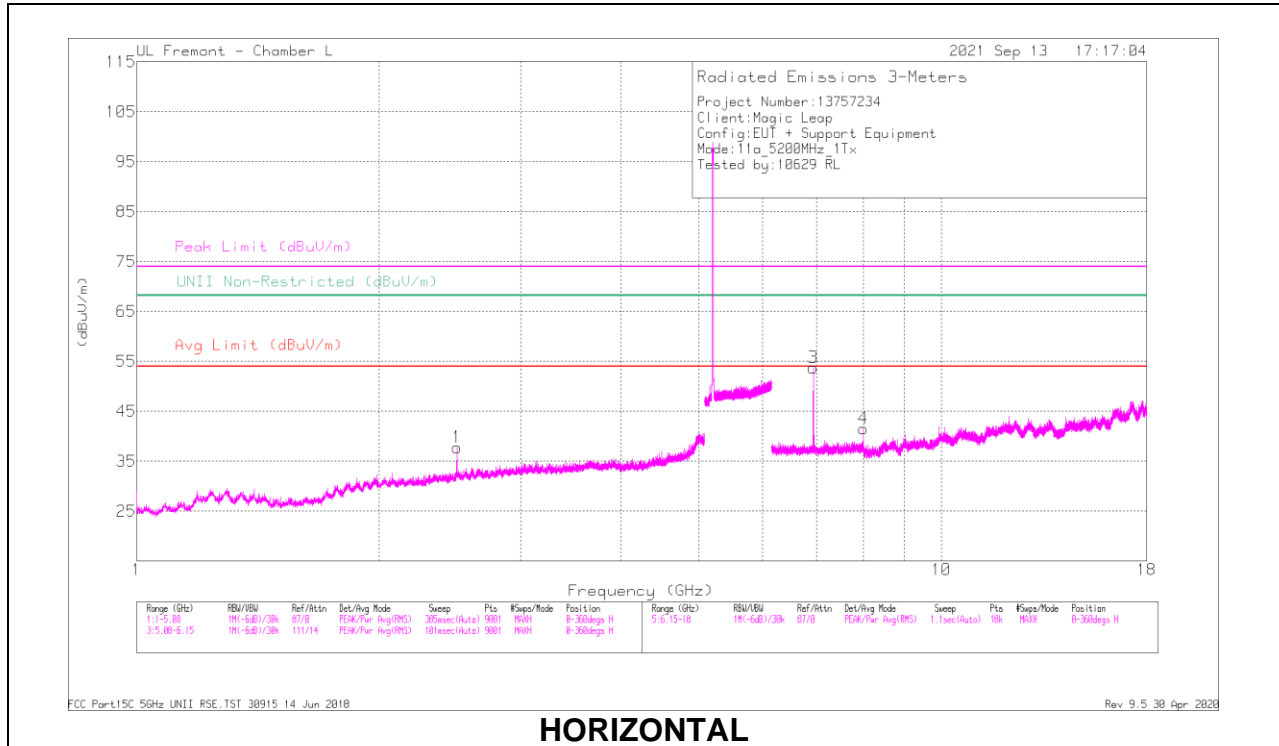
**VERTICAL**

**RADIATED EMISSIONS**

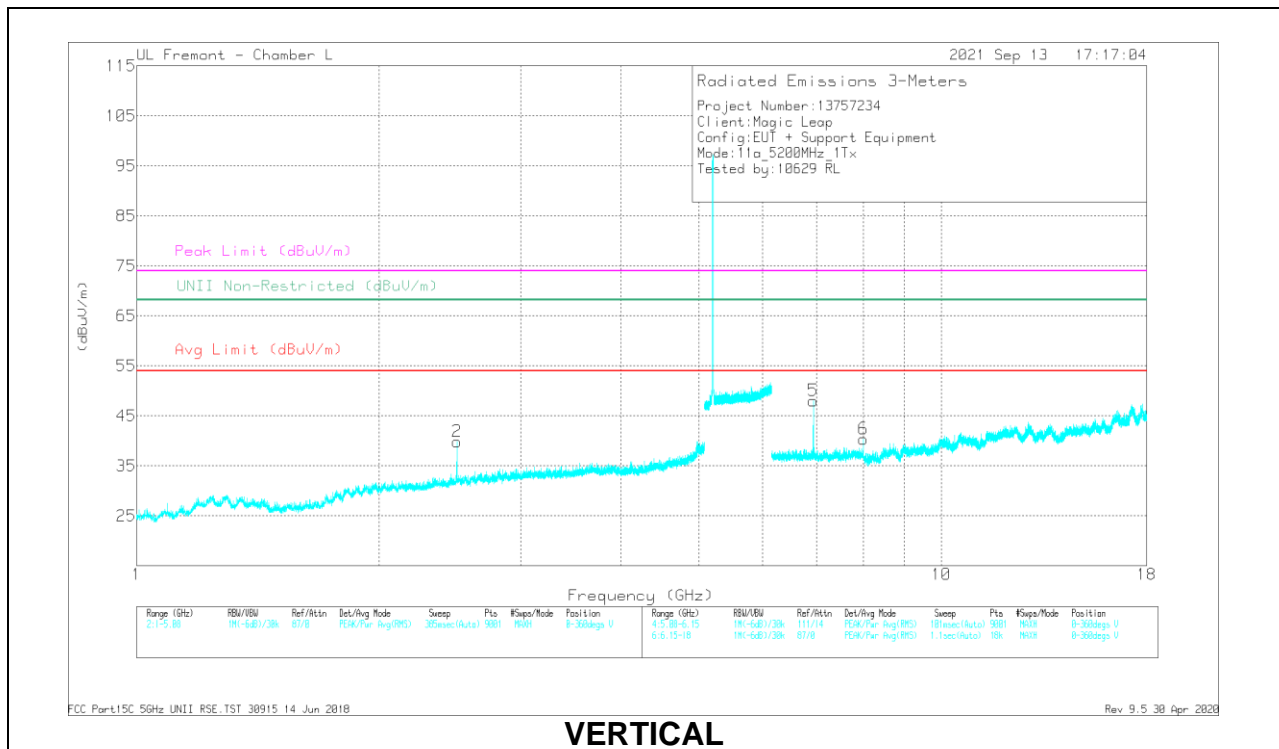
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49996	40.18	PK-U	32.4	-29.1	43.48	-	-	74	-30.52	-	-	136	345	H
	* 2.49996	31.41	ADR	32.4	-29.1	34.71	54	-19.29	-	-	-	-	136	345	H
2	* 2.49978	40.35	PK-U	32.4	-29.1	43.65	-	-	74	-30.35	-	-	314	150	V
	* 2.49999	32.1	ADR	32.4	-29.1	35.4	54	-18.6	-	-	-	-	314	150	V
3	6.90665	39.45	PK-U	35.6	-20.9	54.15	-	-	-	-	68.2	-14.05	119	109	H
4	8.00001	30.72	PK-U	35.8	-18.6	47.92	-	-	-	-	68.2	-20.28	162	116	H
5	6.9066	33.54	PK-U	35.6	-20.9	48.24	-	-	-	-	68.2	-19.96	325	190	V
6	8.00001	33.14	PK-U	35.8	-18.6	50.34	-	-	-	-	68.2	-17.86	172	194	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

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

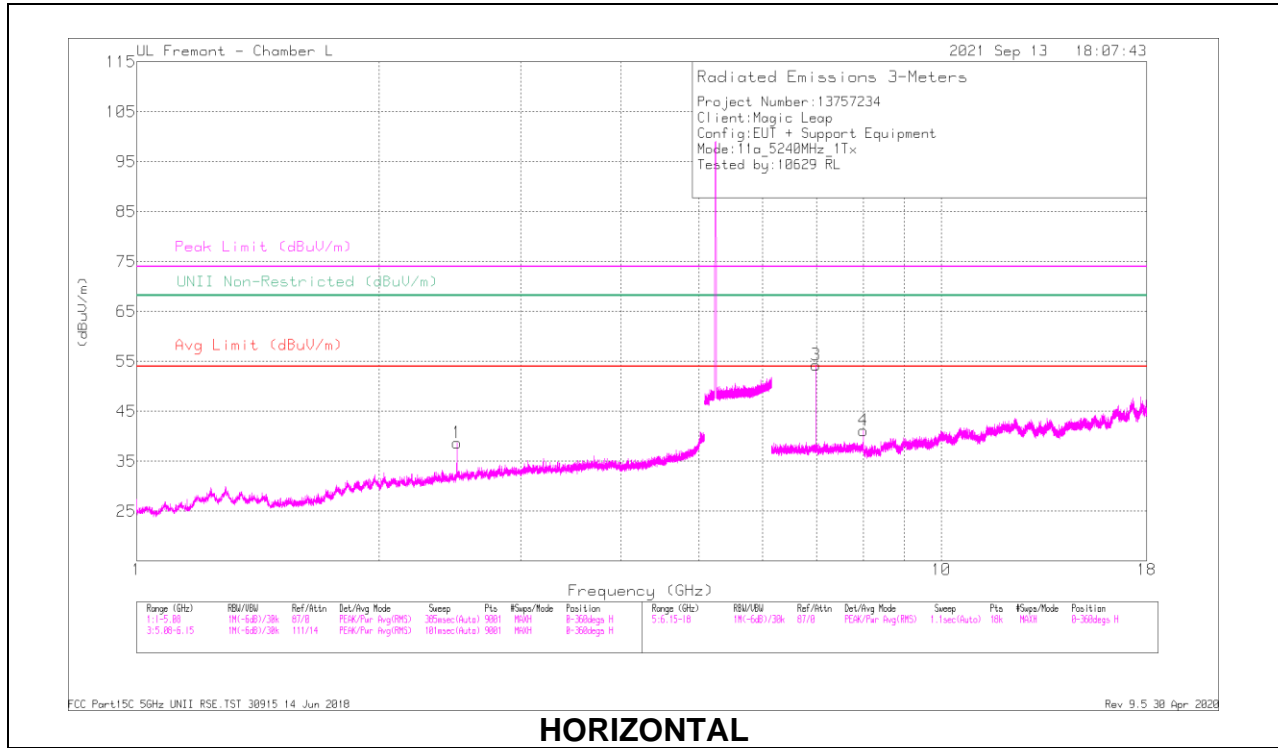
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49998	41.8	PK-U	32.4	-29.1	45.1	-	-	74	-28.9	-	-	94	114	H
	* 2.49994	33.74	ADR	32.4	-29.1	37.04	54	-16.96	-	-	-	-	94	114	H
2	* 2.49999	42.46	PK-U	32.4	-29.1	45.76	-	-	74	-28.24	-	-	0	268	V
	* 2.49994	35.91	ADR	32.4	-29.1	33.21	54	-14.79	-	-	-	-	0	268	V
3	6.93324	42.4	PK-U	35.6	-20.1	57.9	-	-	-	-	68.2	-10.3	108	102	H
4	8.00008	33.36	PK-U	35.8	-18.6	50.56	-	-	-	-	68.2	-17.64	132	101	H
5	6.9335	39.24	PK-U	35.6	-20.1	54.74	-	-	-	-	68.2	-13.46	300	232	V
6	8.00016	32.56	PK-U	35.8	-18.6	49.76	-	-	-	-	68.2	-18.44	150	144	V

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

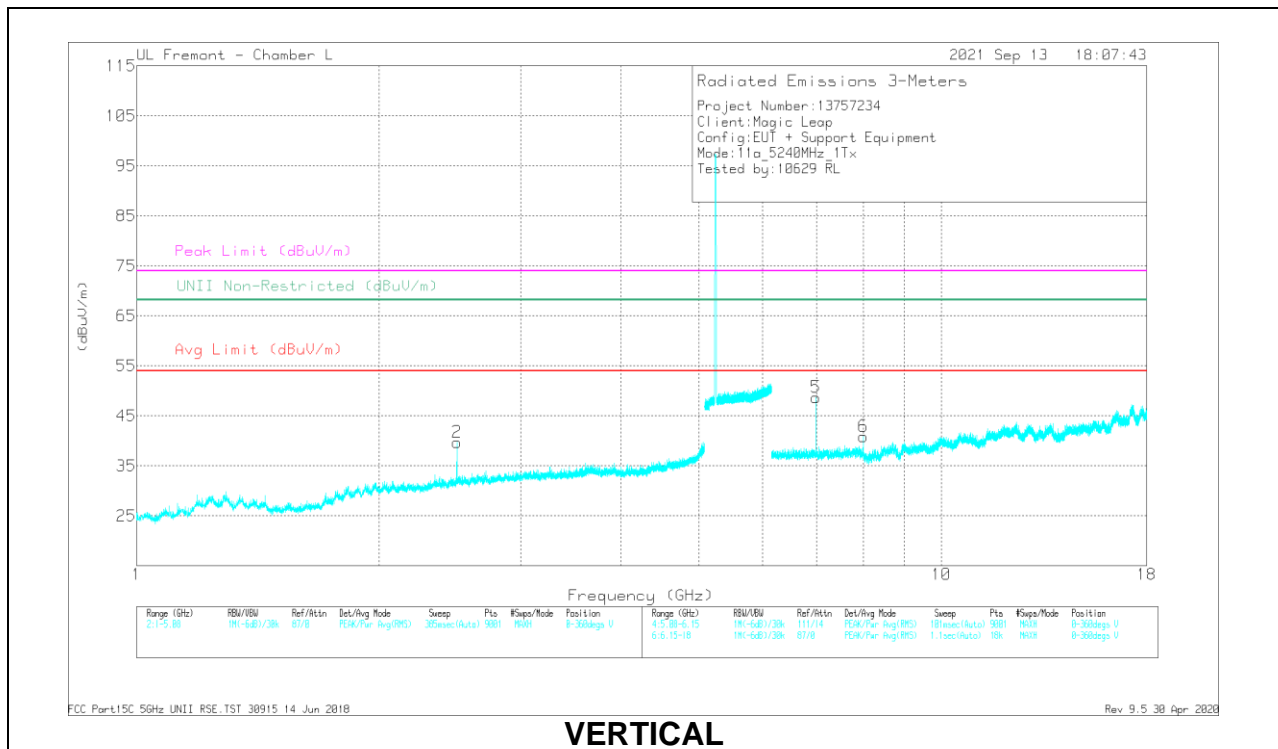
PK-U - U-NII: Maximum Peak

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	* 2.49993	42.01	PK-U	32.4	-29.1	45.31	-	-	74	-28.69	-	-	90	108	H
	* 2.49999	34.14	ADR	32.4	-29.1	37.44	54	-16.56	-	-	-	-	90	108	H
2	* 2.49994	42.37	PK-U	32.4	-29.1	45.67	-	-	74	-28.33	-	-	3	235	V
	* 2.49998	35.87	ADR	32.4	-29.1	39.17	54	-14.83	-	-	-	-	3	235	V
3	6.98667	42.1	PK-U	35.6	-20.3	57.4	-	-	-	-	68.2	-10.8	103	219	H
4	8.00026	32.14	PK-U	35.8	-18.6	49.34	-	-	-	-	68.2	-18.86	137	101	H
5	6.98666	38.12	PK-U	35.6	-20.3	53.42	-	-	-	-	68.2	-14.78	306	175	V
6	8.00009	30.63	PK-U	35.8	-18.6	47.83	-	-	-	-	68.2	-20.37	192	127	V

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

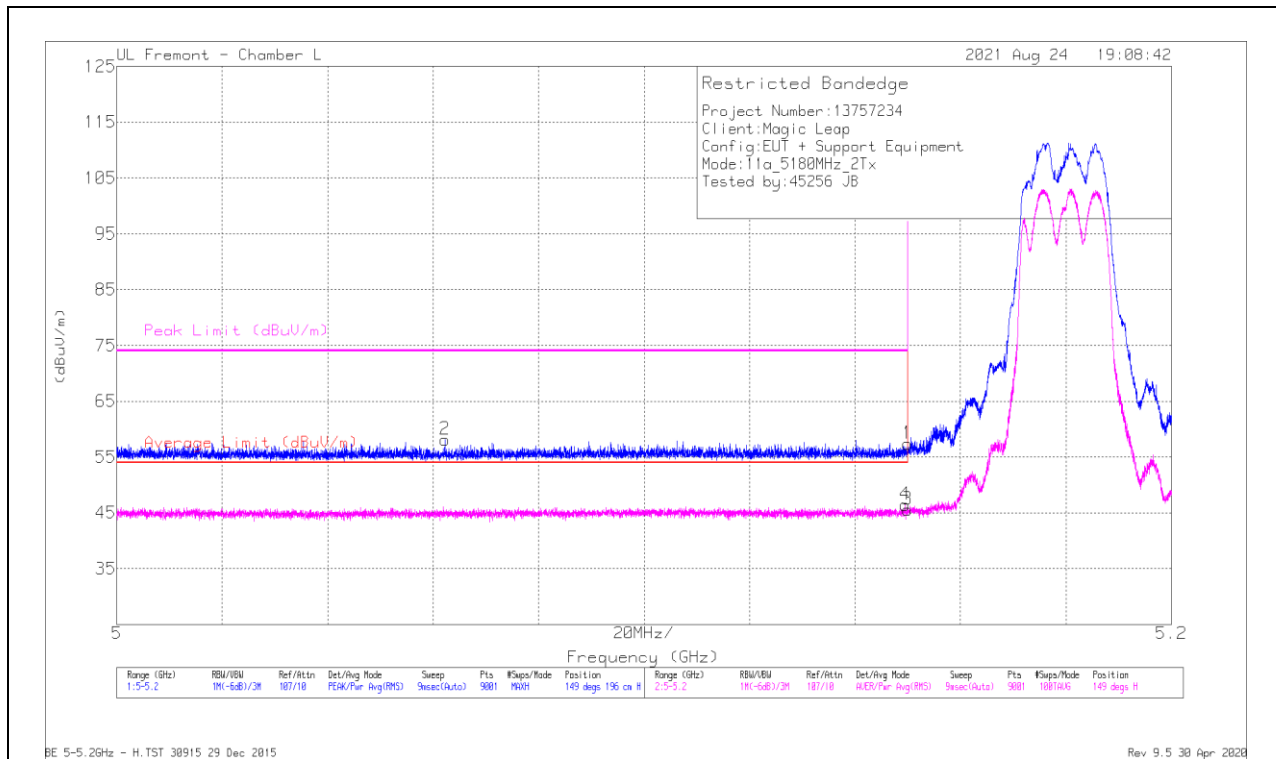
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



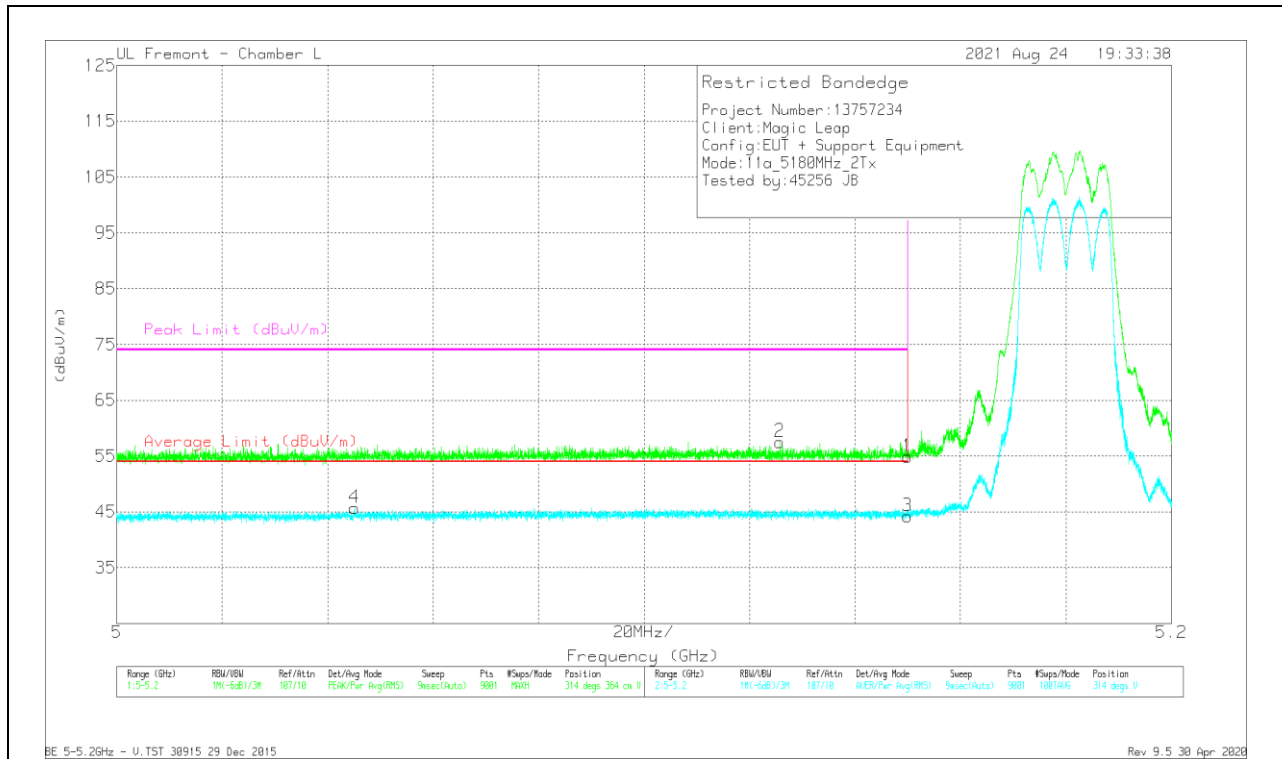
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	37.7	Pk	34.6	-14.9	57.4	-	-	74	-16.6	149	196	H
2	* 5.06224	38.63	Pk	34.3	-14.8	58.13	-	-	74	-15.87	149	196	H
3	* 5.15	25.91	RMS	34.6	-14.9	45.61	54	-8.39	-	-	149	196	H
4	* 5.14947	26.78	RMS	34.6	-14.9	46.48	54	-7.52	-	-	149	196	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



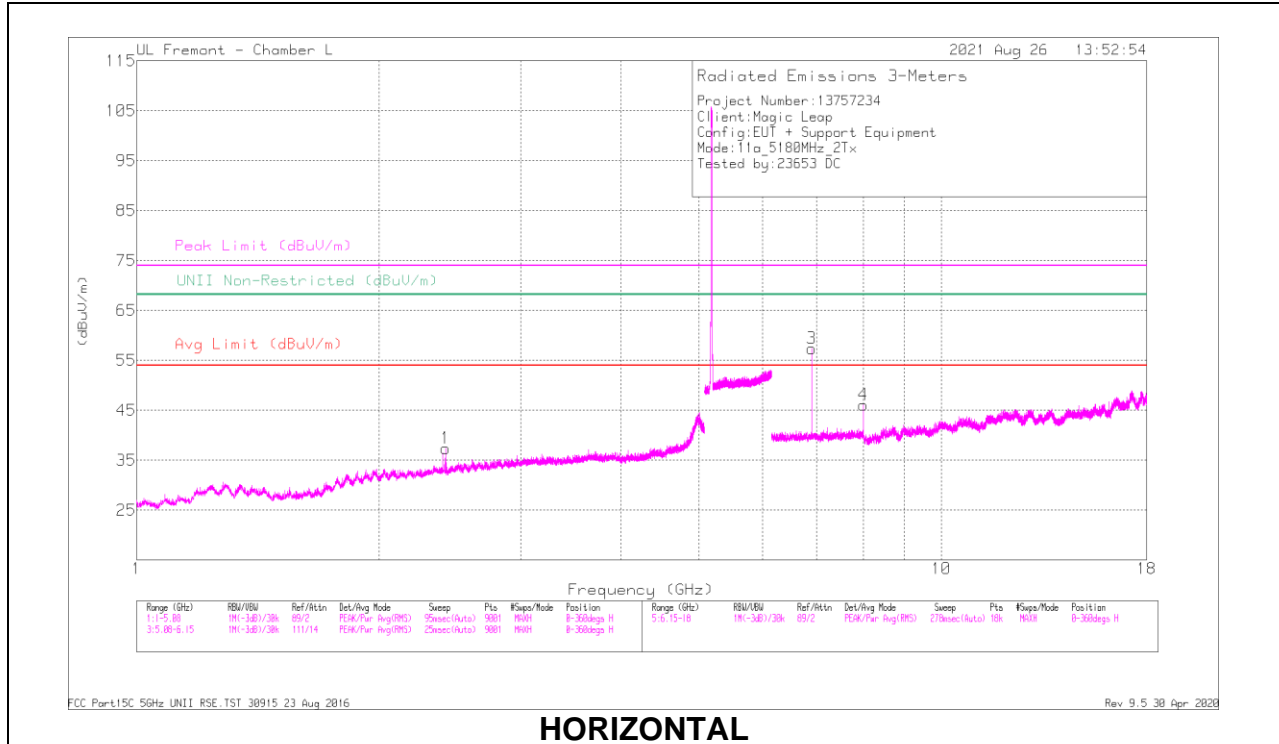
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	35.16	Pk	34.6	-14.9	54.86	-	-	74	-19.14	314	364	V
2	* 5.12578	37.95	Pk	34.5	-14.9	57.55	-	-	74	-16.45	314	364	V
3	* 5.15	24.48	RMS	34.6	-14.9	44.18	54	-9.82	-	-	314	364	V
4	* 5.04509	26.24	RMS	34.2	-14.7	45.74	54	-8.26	-	-	314	364	V

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

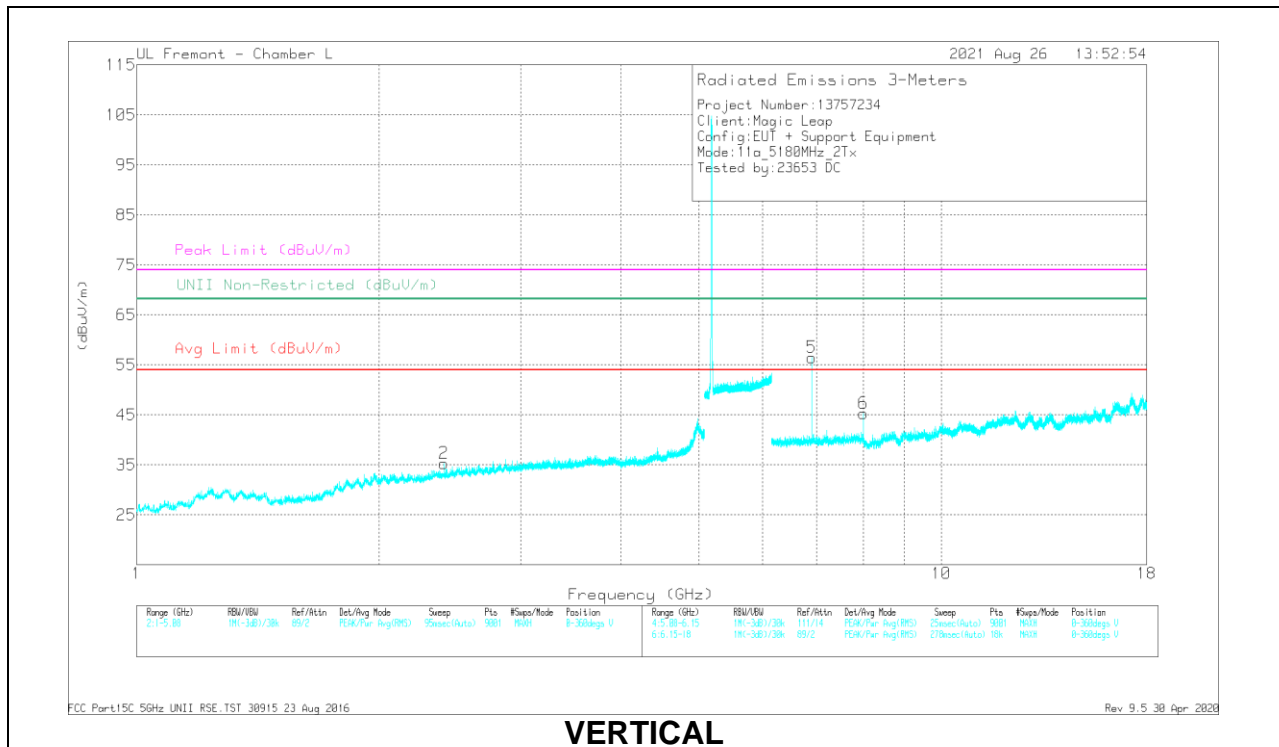


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



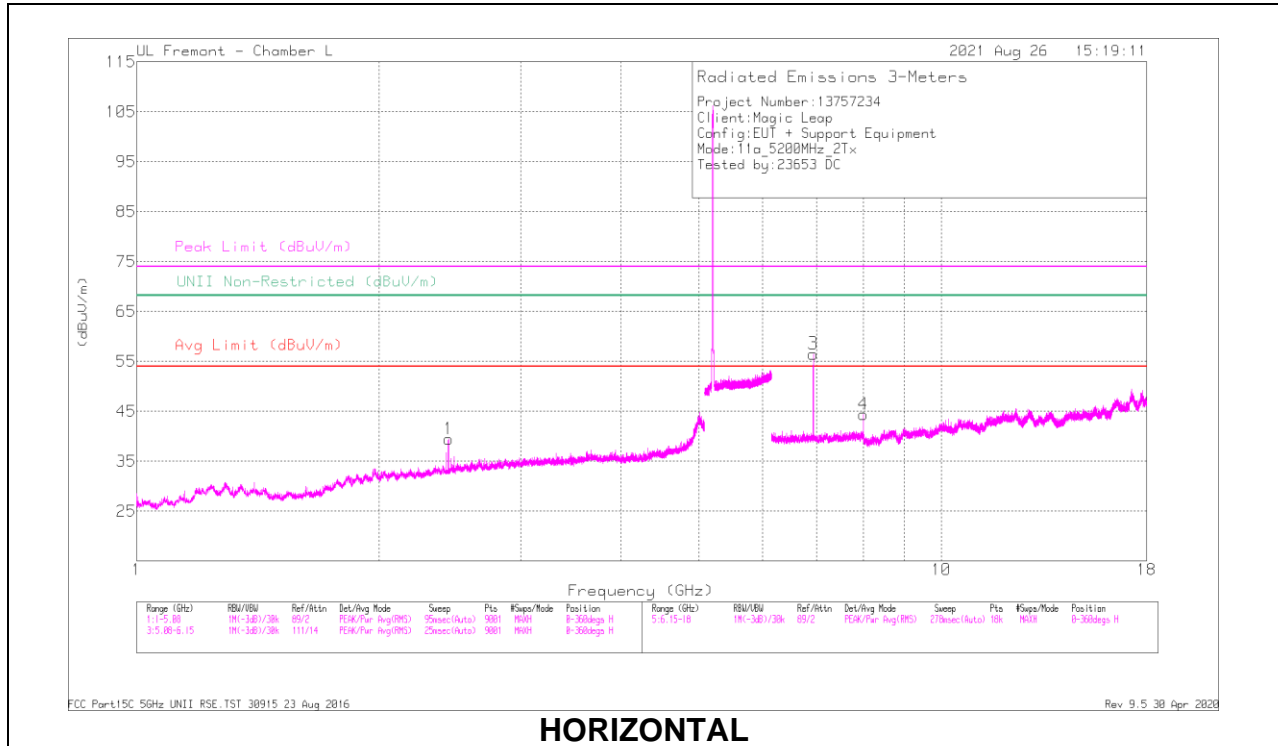
**VERTICAL**

**RADIATED EMISSIONS**

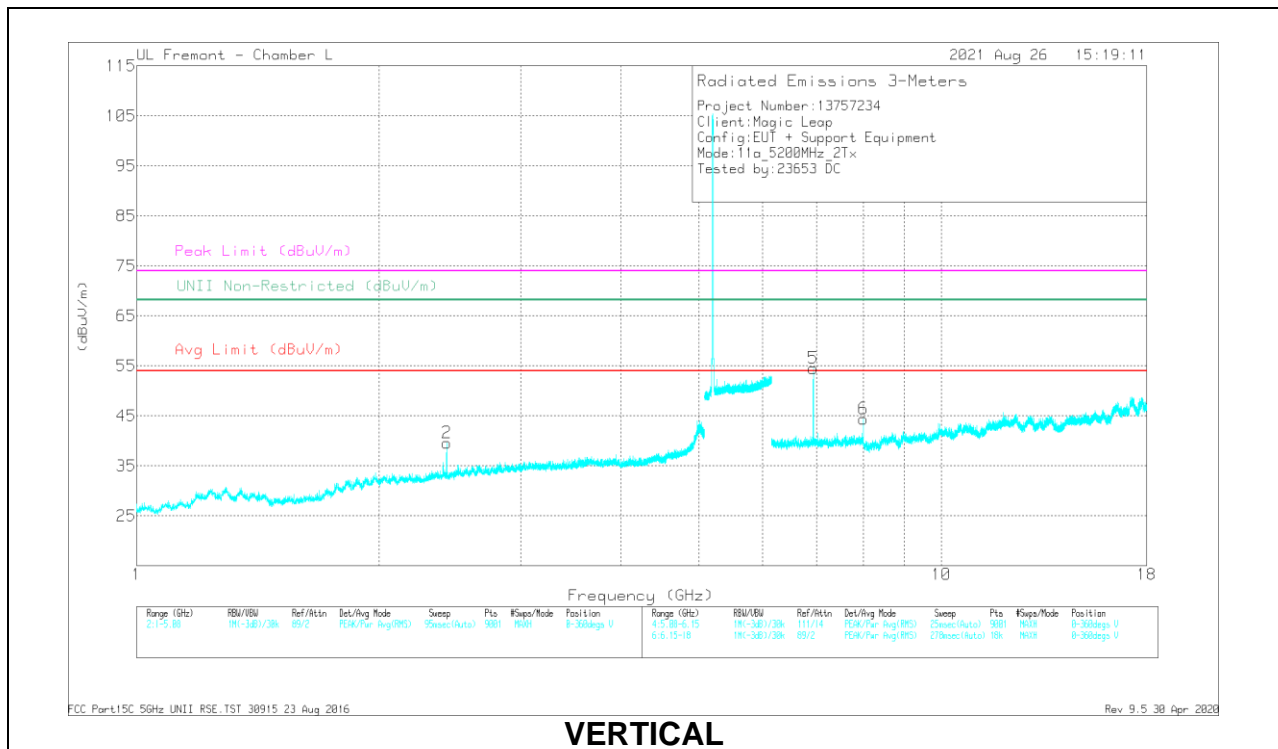
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCdb/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	2.41784	38.71	PK-U	31.9	-29.3	41.31	-	-	-	-	68.2	-26.89	242	229	H
	2.41941	29.86	ADR	31.9	-29.3	32.46	-	-	-	-	-	-	242	229	H
2	2.40981	39.69	PK-U	31.9	-29.3	42.29	-	-	-	-	68.2	-25.91	215	171	V
	2.41096	28.96	ADR	31.9	-29.3	31.56	-	-	-	-	-	-	215	171	V
3	6.90661	44.48	PK-U	35.6	-20.9	59.18	-	-	-	-	68.2	-9.02	83	196	H
	6.90663	41.69	ADR	35.6	-20.9	56.39	-	-	-	-	-	-	83	196	H
4	8.00028	32.91	PK-U	35.8	-18.6	50.11	-	-	-	-	68.2	-18.09	160	239	H
	8.00008	26.07	ADR	35.8	-18.6	43.27	-	-	-	-	-	-	160	239	H
5	6.90665	44.69	PK-U	35.6	-20.9	59.39	-	-	-	-	68.2	-8.81	80	253	V
	6.90664	42.65	ADR	35.6	-20.9	57.35	-	-	-	-	-	-	80	253	V
6	7.99999	32.65	PK-U	35.8	-18.6	49.85	-	-	-	-	68.2	-18.35	140	209	V
	8.00013	24.13	ADR	35.8	-18.6	41.33	-	-	-	-	-	-	140	209	V

PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



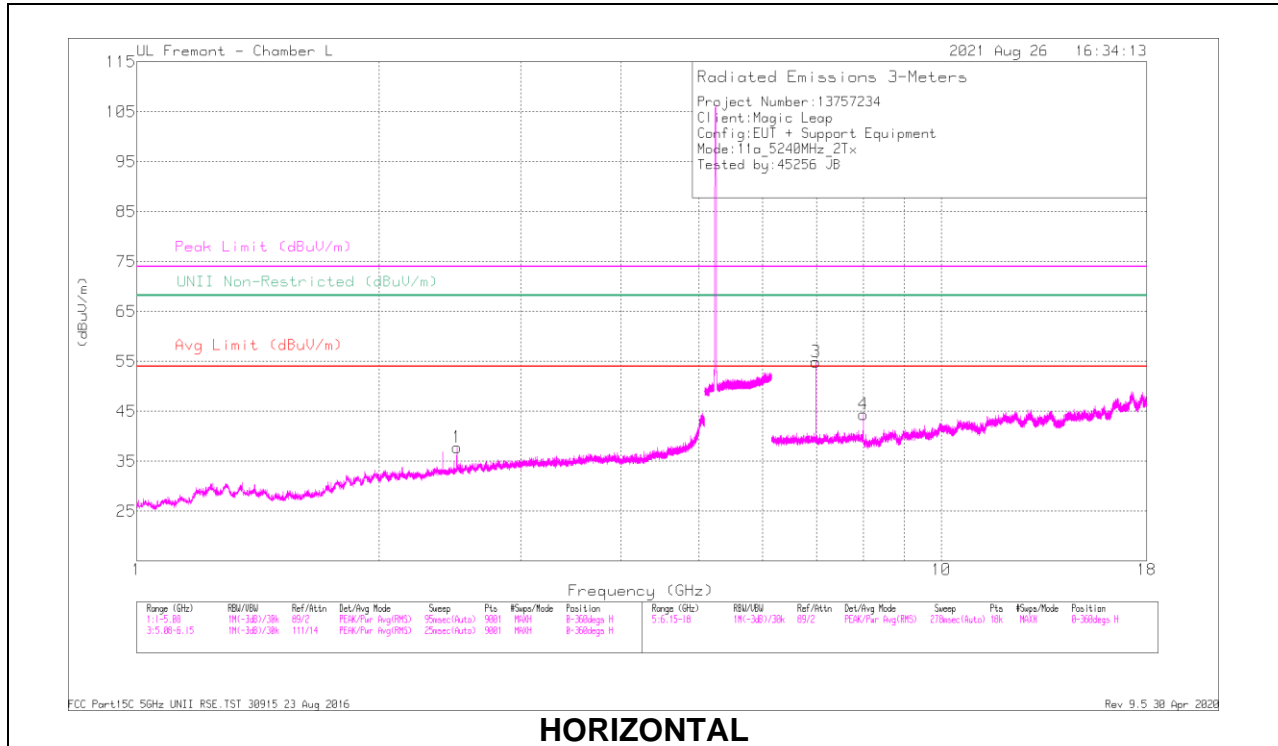
**VERTICAL**

**RADIATED EMISSIONS**

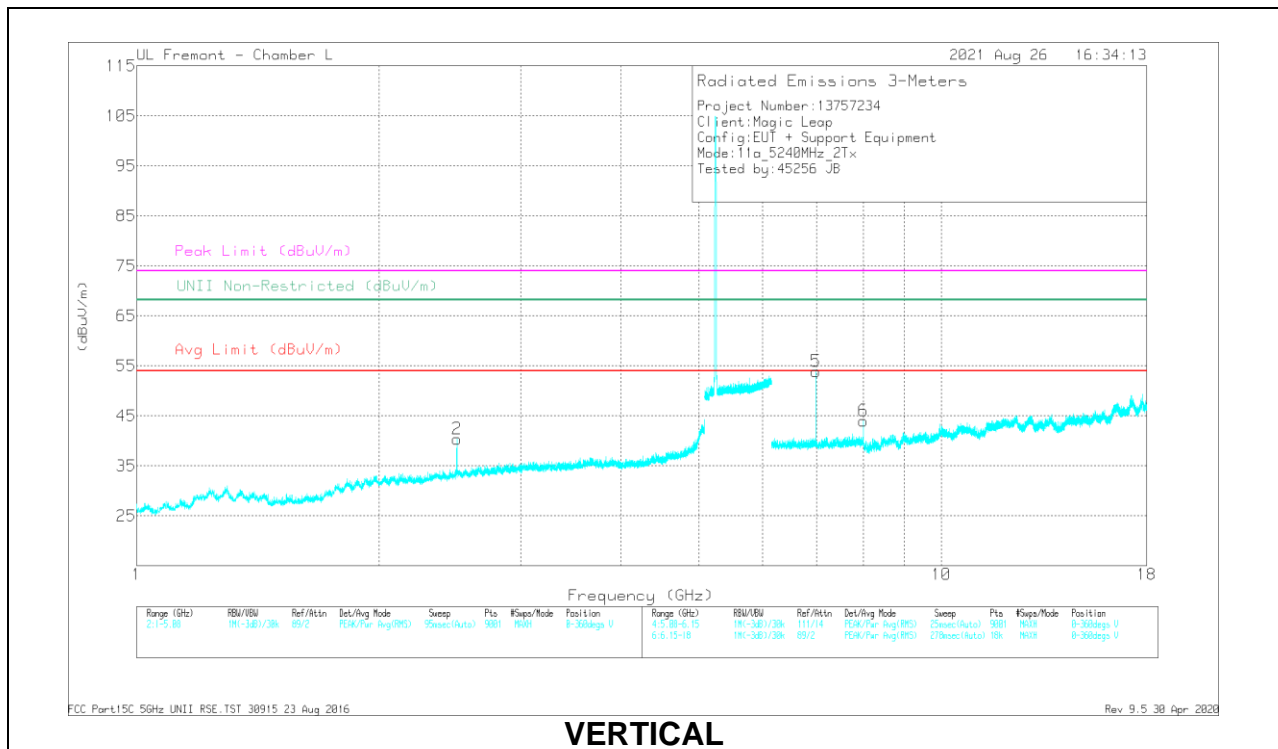
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCblFtrrPad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.44032	38.5	PK-U	31.9	-29.4	41	-	-	-	-	68.2	-27.2	264	189	H
2	2.42938	38.39	PK-U	32	-29.3	41.09	-	-	-	-	68.2	-27.11	211	164	V
3	6.93328	42.55	PK-U	35.6	-20.1	58.05	-	-	-	-	68.2	-10.15	336	103	H
4	8.00003	33.96	PK-U	35.8	-18.6	51.16	-	-	-	-	68.2	-17.04	159	216	H
5	6.93333	45.03	PK-U	35.6	-20.1	60.53	-	-	-	-	68.2	-7.67	42	386	V
6	8.00039	32.24	PK-U	35.8	-18.6	49.44	-	-	-	-	68.2	-18.76	119	252	V

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	* 2.49986	41.99	PK-U	32.4	-29.1	45.29	-	-	74	-28.71	-	-	188	250	H
	* 2.49979	33.2	ADR	32.4	-29.1	36.5	54	-17.5	-	-	-	-	188	250	H
2	* 2.49994	43.16	PK-U	32.4	-29.1	46.46	-	-	74	-27.54	-	-	295	103	V
	* 2.49998	34.44	ADR	32.4	-29.1	37.74	54	-16.26	-	-	-	-	295	103	V
3	6.98658	41.24	PK-U	35.6	-20.3	56.54	-	-	-	-	68.2	-11.66	79	195	H
4	8.00019	33.45	PK-U	35.8	-18.6	50.65	-	-	-	-	68.2	-17.55	150	191	H
5	6.9866	44.37	PK-U	35.6	-20.3	59.67	-	-	-	-	68.2	-8.53	41	396	V
6	8.0002	32.16	PK-U	35.8	-18.6	49.36	-	-	-	-	68.2	-18.84	137	136	V

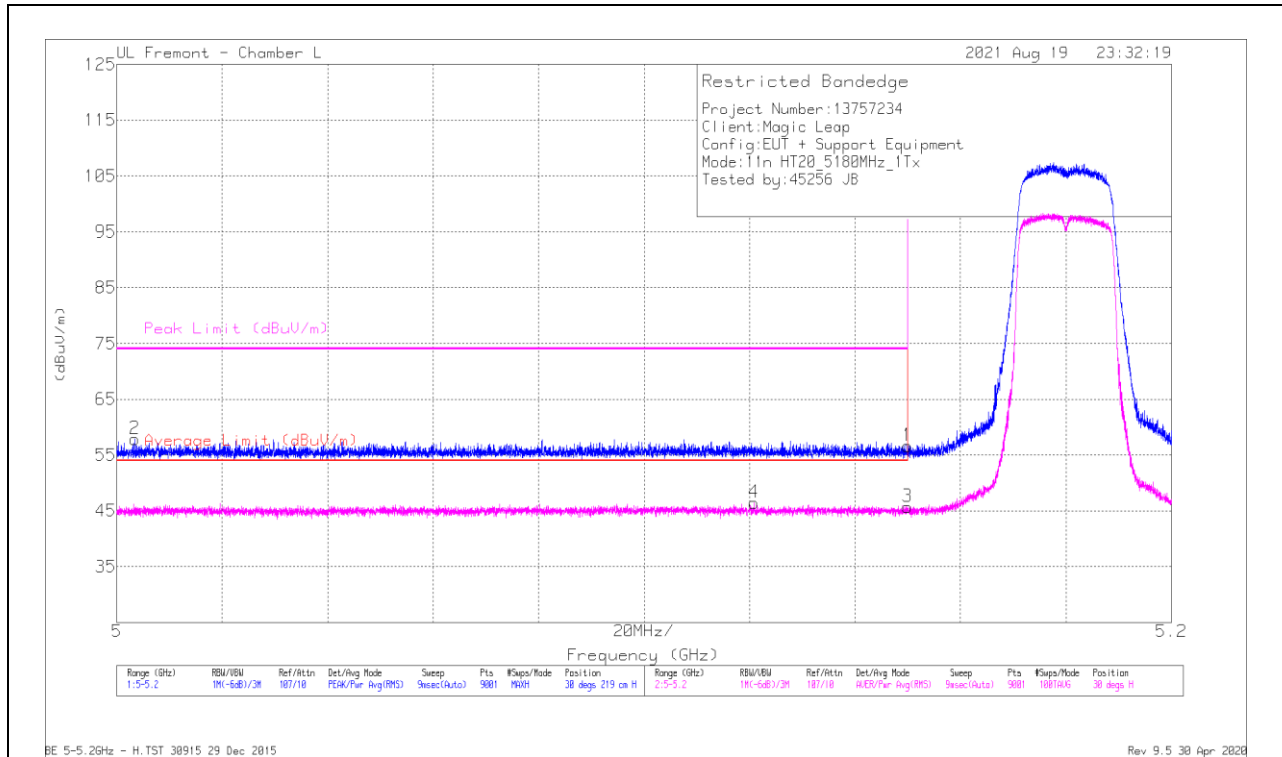
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 10.1.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 1 MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



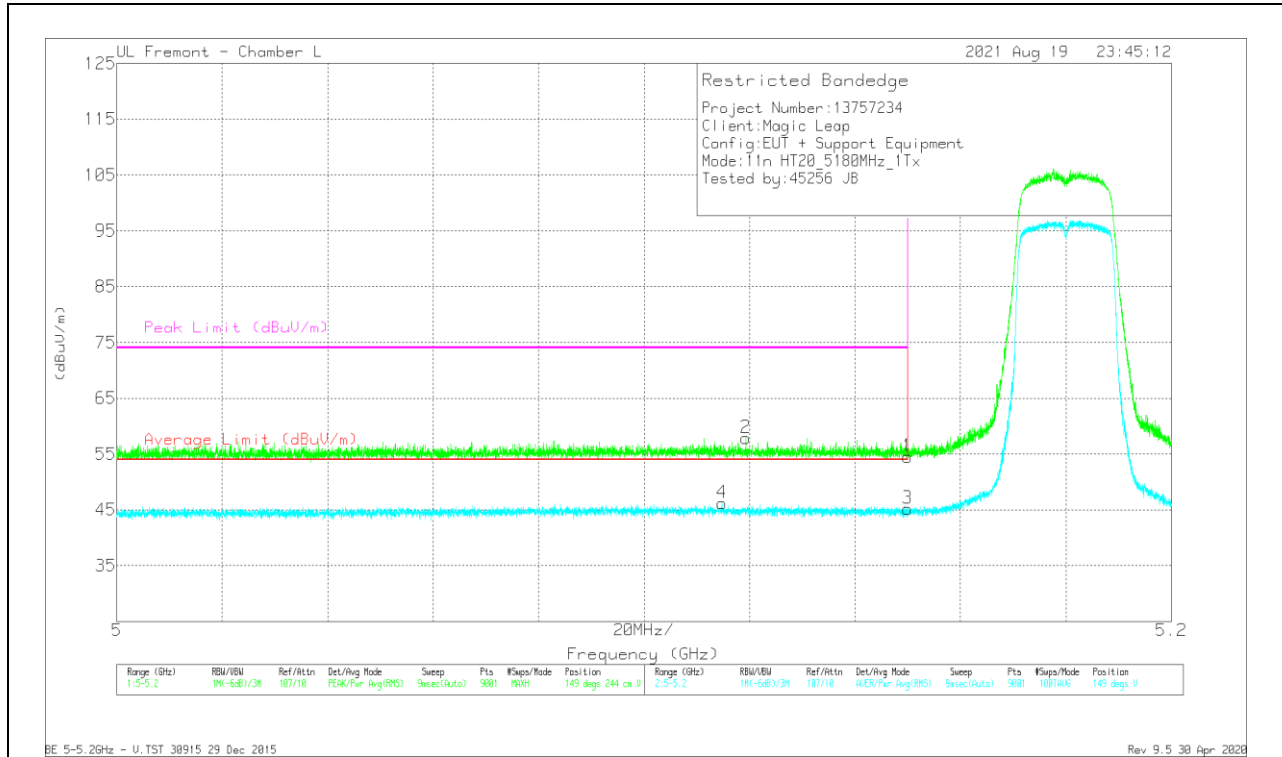
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	36.88	Pk	34.6	-14.9	56.58	-	-	74	-17.42	30	219	H
2	* 5.00342	38.63	Pk	34.2	-15	57.83	-	-	74	-16.17	30	219	H
3	* 5.15	26	RMS	34.6	-14.9	45.7	54	-8.3	-	-	30	219	H
4	* 5.12082	26.81	RMS	34.5	-14.9	46.41	54	-7.59	-	-	30	219	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



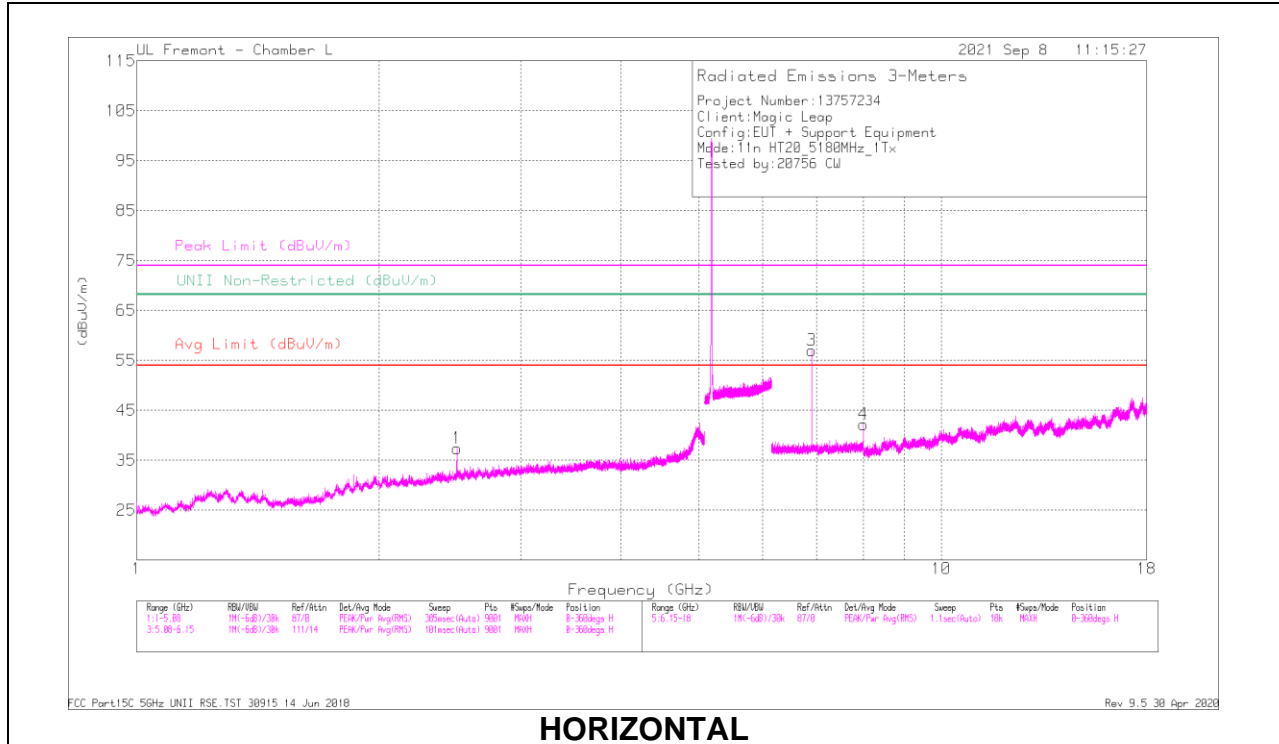
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	34.8	Pk	34.6	-14.9	54.5	-	-	74	-19.5	149	244	V
2	* 5.11933	38.25	Pk	34.5	-14.9	57.85	-	-	74	-16.15	149	244	V
3	* 5.15	25.49	RMS	34.6	-14.9	45.19	54	-8.81	-	-	149	244	V
4	* 5.11482	26.48	RMS	34.5	-14.8	46.18	54	-7.82	-	-	149	244	V

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

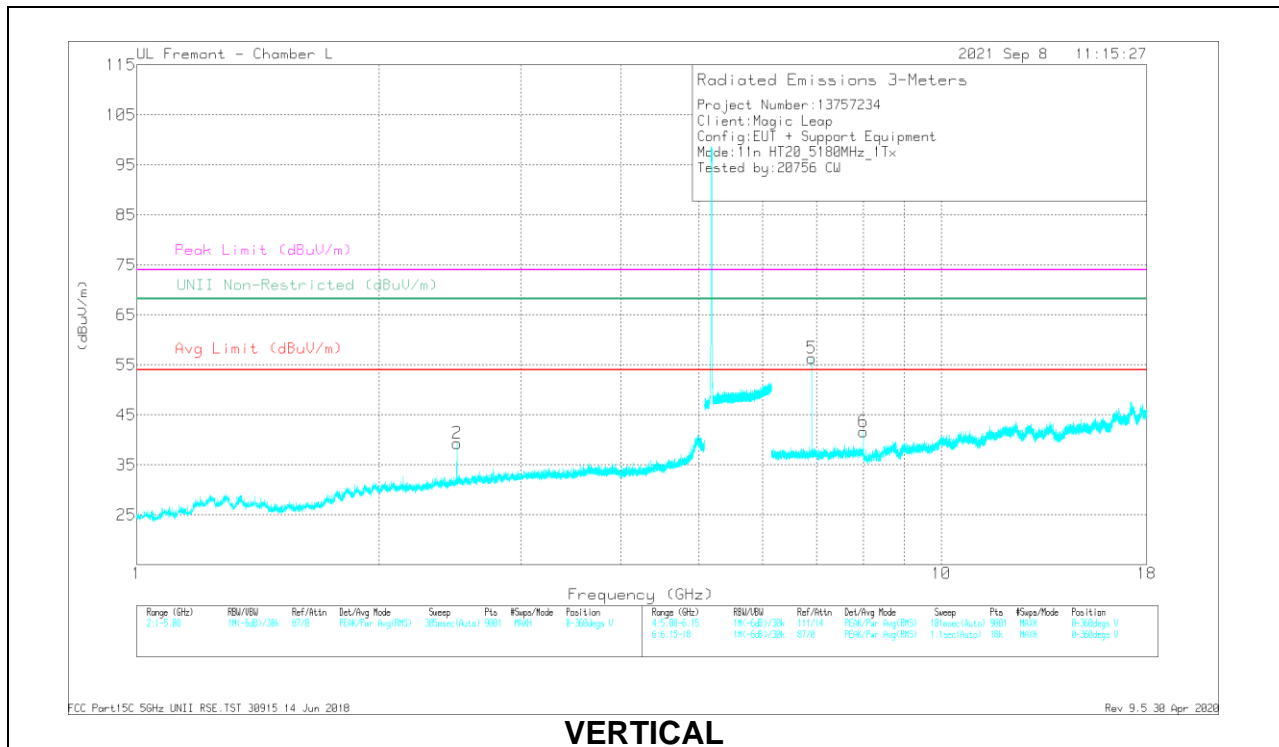


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

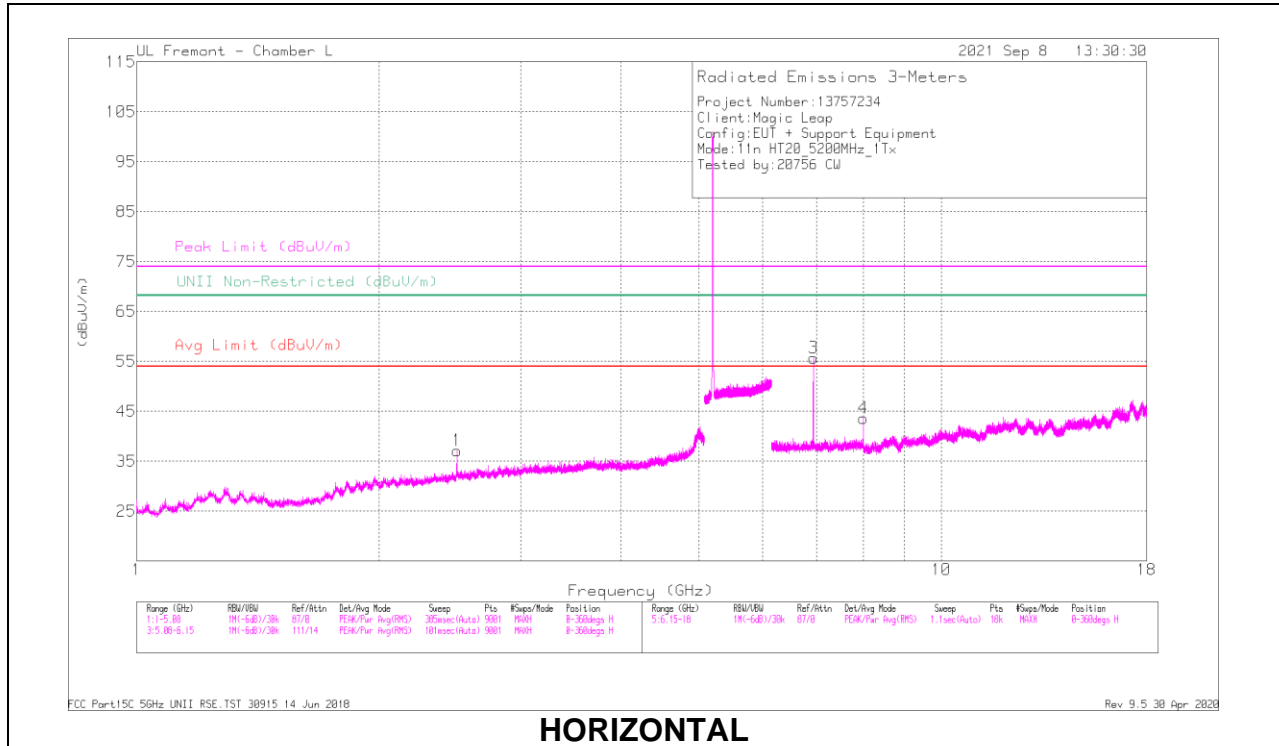
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49988	41.74	PK-U	32.4	-29.1	45.04	-	-	74	-28.96	-	-	174	309	H
	* 2.49998	34.13	ADR	32.4	-29.1	37.43	54	-16.57	-	-	-	-	174	309	H
2	* 2.49983	43.09	PK-U	32.4	-29.1	46.39	-	-	74	-27.61	-	-	143	278	V
	* 2.49999	35.35	ADR	32.4	-29.1	38.65	54	-15.35	-	-	-	-	143	278	V
3	6.90664	41.44	PK-U	35.6	-20.9	56.14	-	-	-	-	68.2	-12.06	121	101	H
4	7.99997	30.25	PK-U	35.8	-18.6	47.45	-	-	-	-	68.2	-20.75	291	296	H
5	6.90663	44.72	PK-U	35.6	-20.9	59.42	-	-	-	-	68.2	-8.78	63	381	V
6	8	33.26	PK-U	35.8	-18.6	50.46	-	-	-	-	68.2	-17.74	150	112	V

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

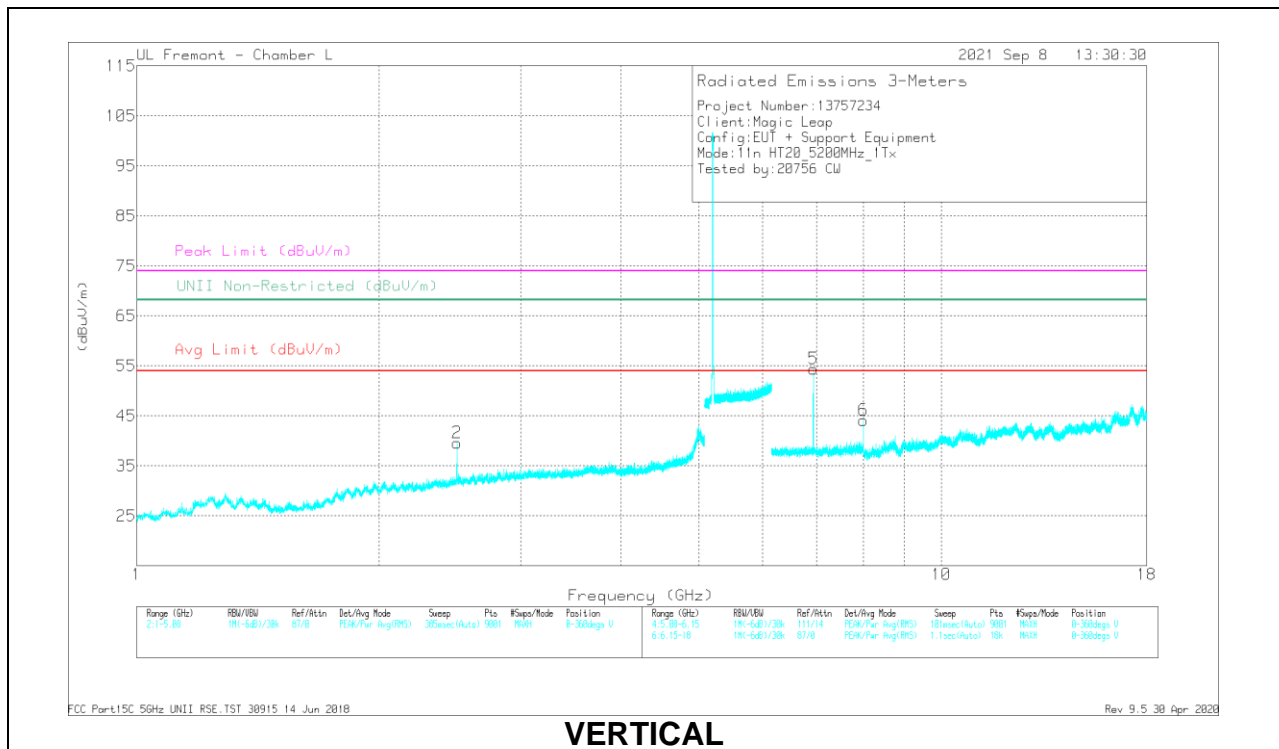
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



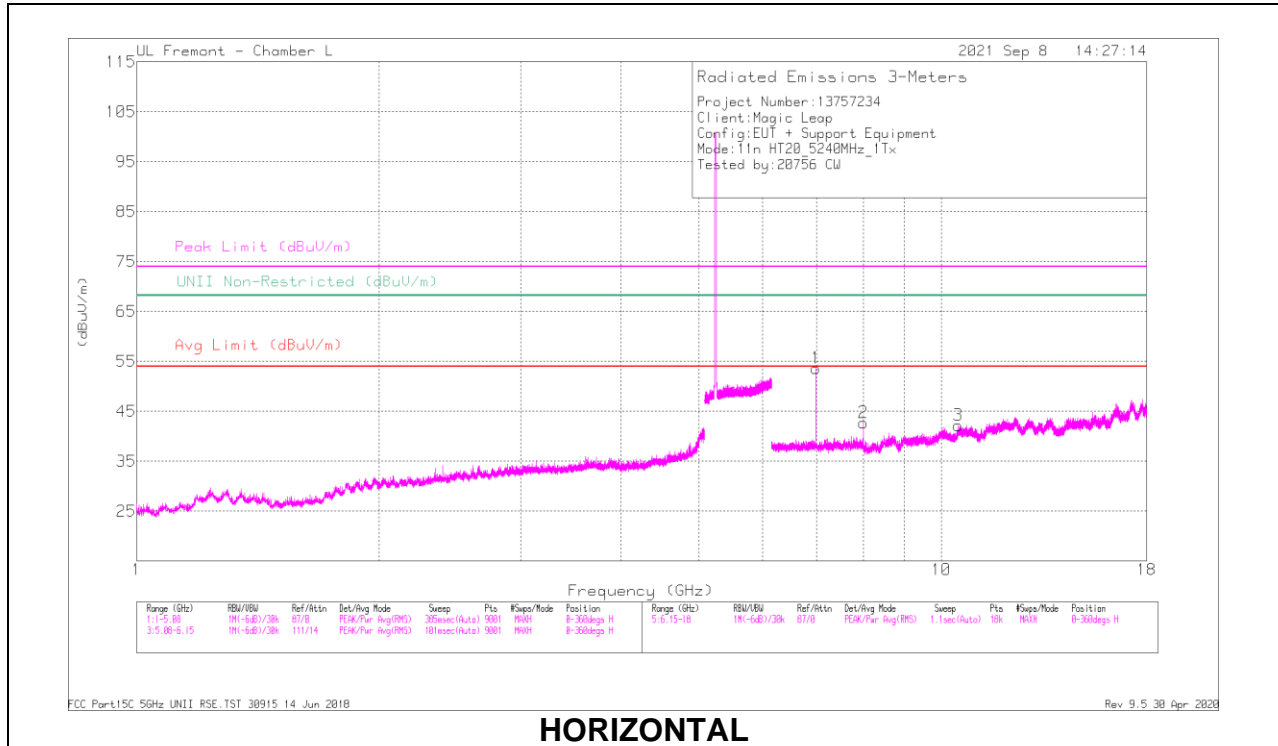
**VERTICAL**

**RADIATED EMISSIONS**

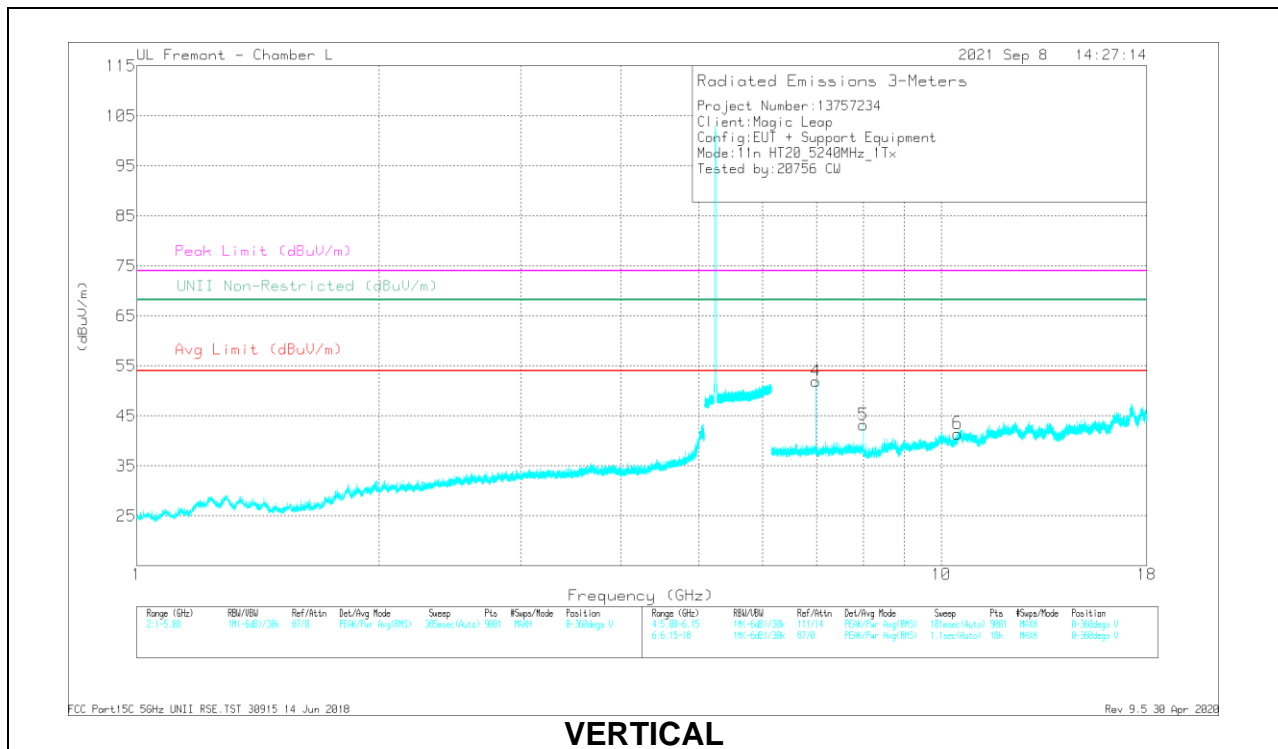
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49991	41.43	PK-U	32.4	-29.1	44.73	-	-	74	-29.27	-	-	172	328	H
	* 2.49993	34.21	ADR	32.4	-29.1	37.51	54	-16.49	-	-	-	-	172	328	H
2	* 2.49994	41.67	PK-U	32.4	-29.1	44.97	-	-	74	-29.03	-	-	134	237	V
	* 2.49998	34.8	ADR	32.4	-29.1	38.1	54	-15.9	-	-	-	-	134	237	V
3	6.93329	38.36	PK-U	35.6	-20.1	53.86	-	-	-	-	68.2	-14.34	135	102	H
4	7.99992	29.39	PK-U	35.8	-18.6	46.59	-	-	-	-	68.2	-21.61	318	105	H
5	6.9333	40.08	PK-U	35.6	-20.1	55.58	-	-	-	-	68.2	-12.62	106	269	V
6	8.00001	31.96	PK-U	35.8	-18.6	49.16	-	-	-	-	68.2	-19.04	147	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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

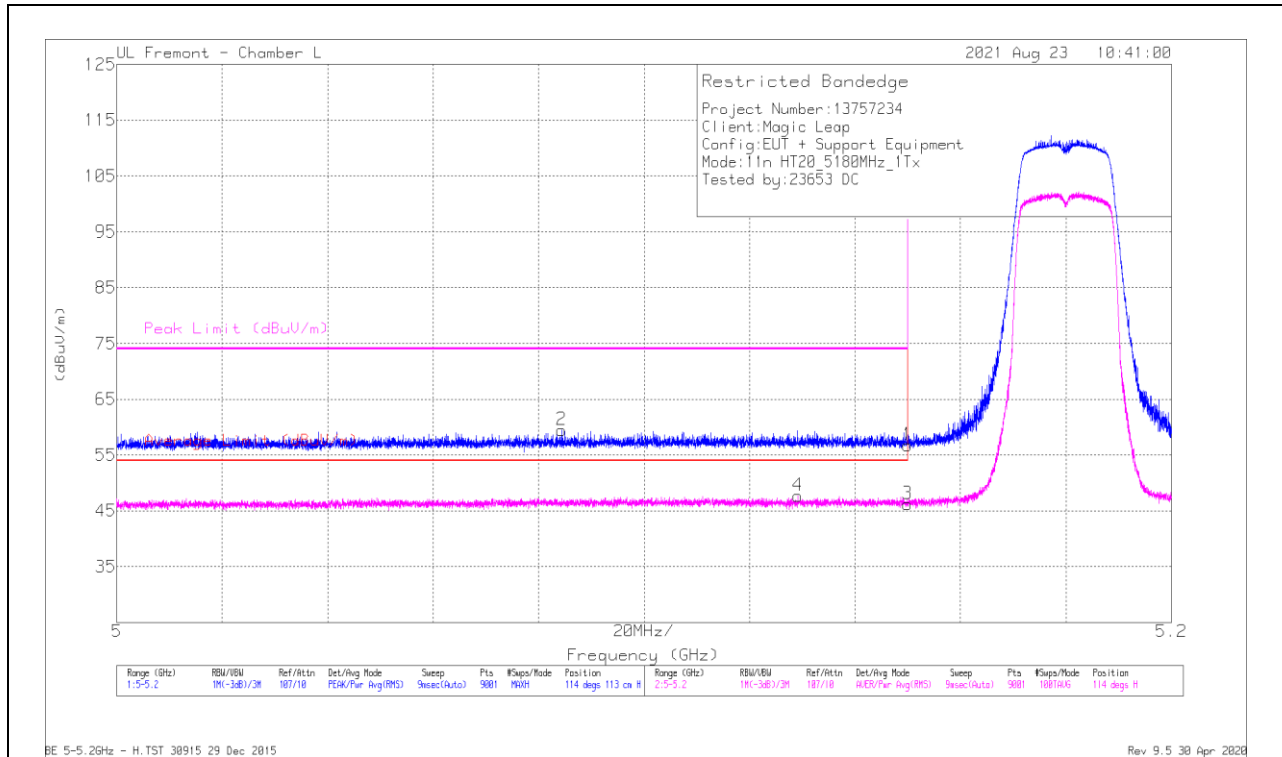
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degree)	Height (cm)	Polarity
1	6.9866	39.23	PK-U	35.6	-20.3	54.53	-	-	-	-	68.2	-13.67	133	101	H
2	8.0001	33.51	PK-U	35.8	-18.6	50.71	-	-	-	-	68.2	-17.49	318	142	H
3	10.49035	27.33	PK-U	37.7	-16.4	48.63	-	-	-	-	68.2	-19.57	324	178	H
4	6.98664	40.34	PK-U	35.6	-20.3	55.64	-	-	-	-	68.2	-12.56	106	311	V
5	7.99999	28.63	PK-U	35.8	-18.6	45.83	-	-	-	-	68.2	-22.37	302	104	V
6	10.48151	27.1	PK-U	37.6	-16.7	48	-	-	-	-	68.2	-20.2	6	251	V

PK-U - U-NII: Maximum Peak

**1TX Antenna 2 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



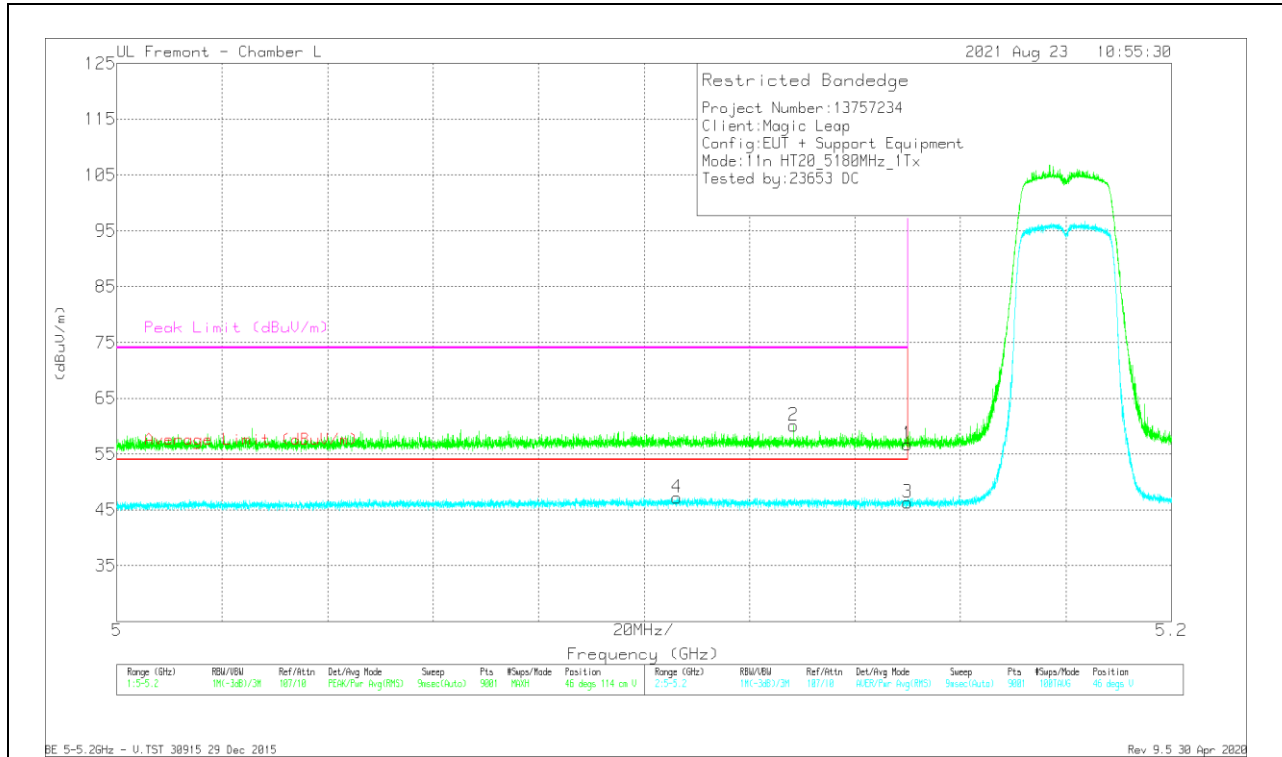
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	37.06	Pk	34.6	-14.9	56.76	-	-	74	-17.24	114	113	H
2	* 5.08433	39.89	Pk	34.4	-14.8	59.49	-	-	74	-14.51	114	113	H
3	* 5.15	26.47	RMS	34.6	-14.9	46.17	54	-7.83	-	-	114	113	H
4	* 5.12913	27.97	RMS	34.6	-14.9	47.67	54	-6.33	-	-	114	113	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



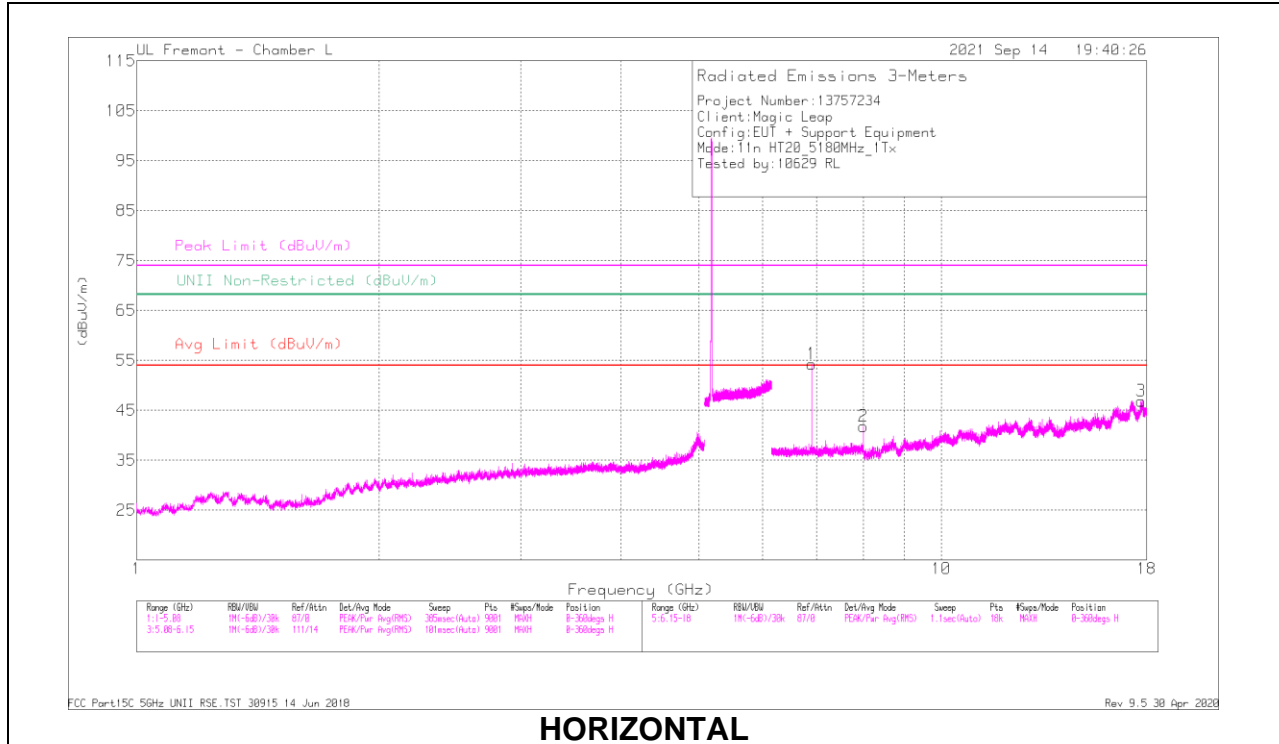
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	37.05	Pk	34.6	-14.9	56.75	-	-	74	-17.25	46	114	V
2	* 5.12835	40.39	Pk	34.6	-14.9	60.09	-	-	74	-13.91	46	114	V
3	* 5.15	26.61	RMS	34.6	-14.9	46.31	54	-7.69	-	-	46	114	V
4	* 5.1062	27.54	RMS	34.5	-14.8	47.24	54	-6.76	-	-	46	114	V

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

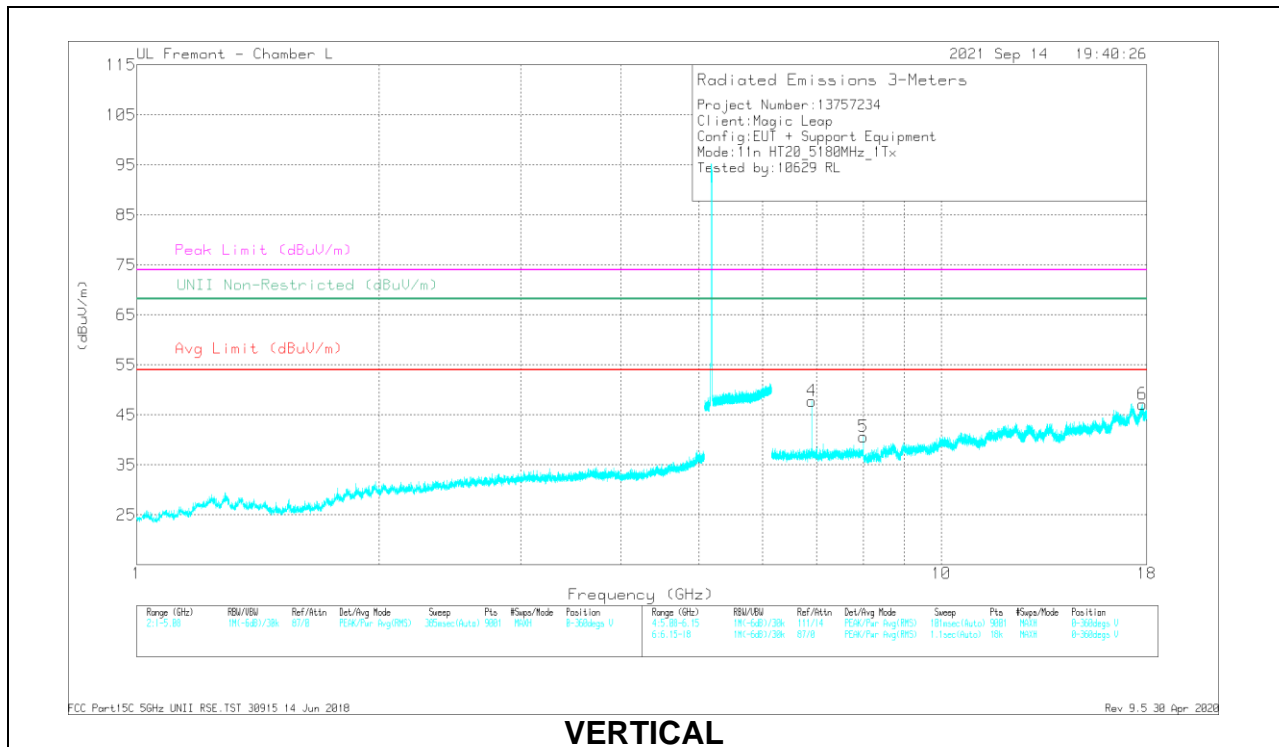


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



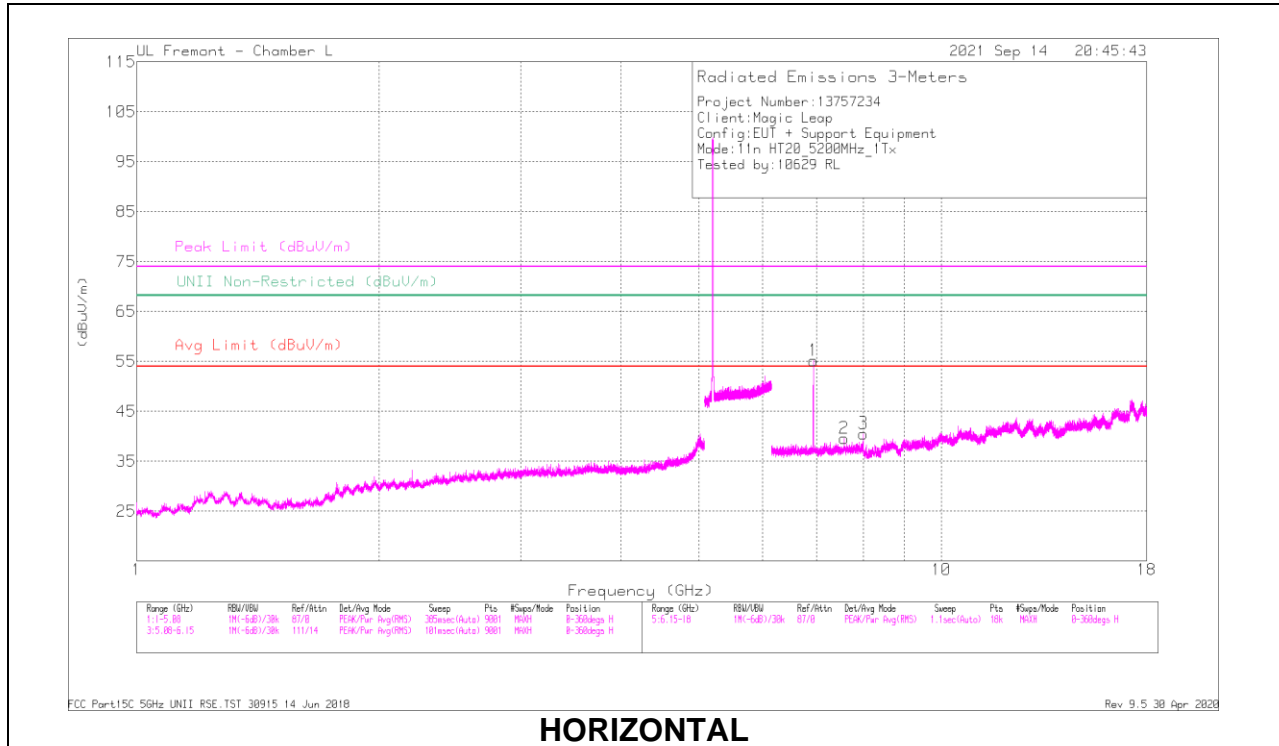
**VERTICAL**

**RADIATED EMISSIONS**

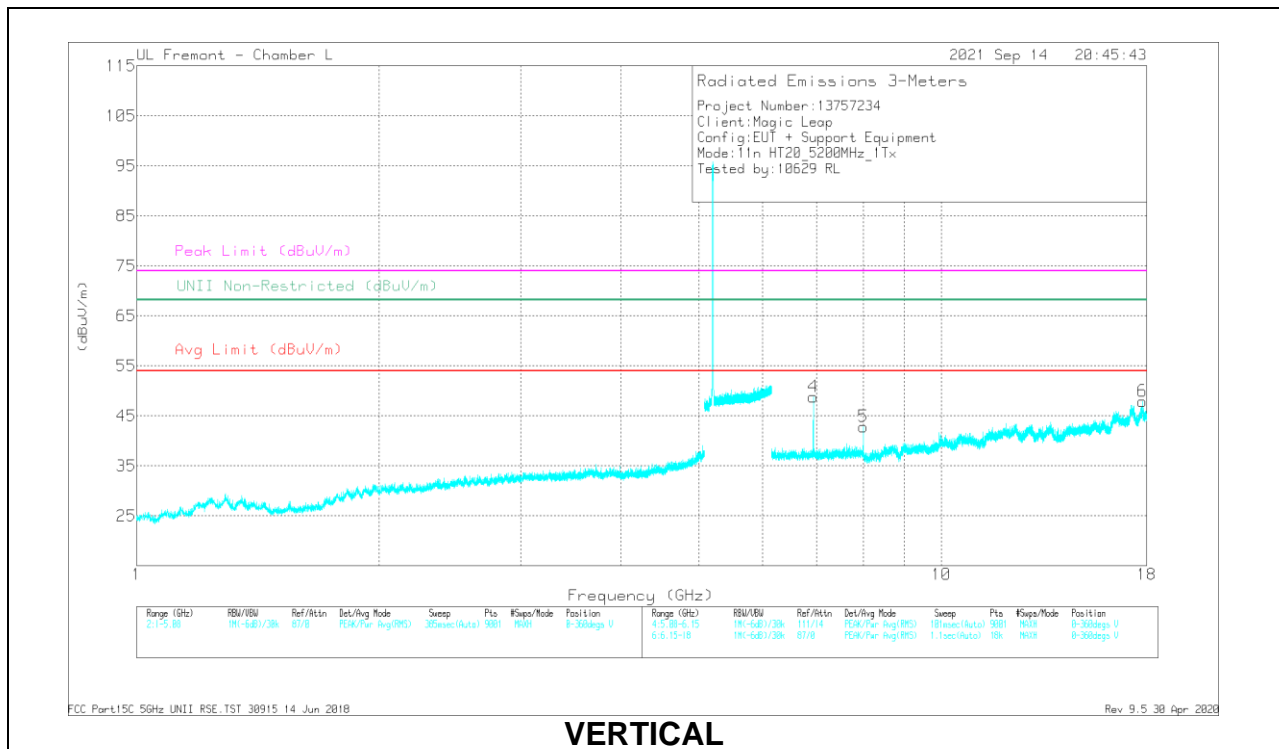
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Ch/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.90664	39.38	PK-U	35.6	-20.9	54.08	-	-	-	-	68.2	-14.12	24	101	H
2	8.00012	28.46	PK-U	35.8	-18.6	45.66	-	-	-	-	68.2	-22.54	99	241	H
3	* 17.72679	26.66	PK-U	41.4	-14.5	33.56	-	-	74	-20.44	-	-	140	203	H
	* 17.72751	16.46	ADR	41.4	-14.6	43.26	54	-10.74	-	-	-	-	140	203	H
4	6.90669	37.99	PK-U	35.6	-20.9	52.69	-	-	-	-	68.2	-15.51	217	291	V
5	7.99995	32.05	PK-U	35.8	-18.6	49.25	-	-	-	-	68.2	-18.95	63	120	V
6	* 17.79092	27.14	PK-U	41.3	-13.9	54.54	-	-	74	-19.46	-	-	124	199	V
	* 17.79152	16.2	ADR	41.3	-13.9	43.6	54	-10.4	-	-	-	-	124	199	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

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

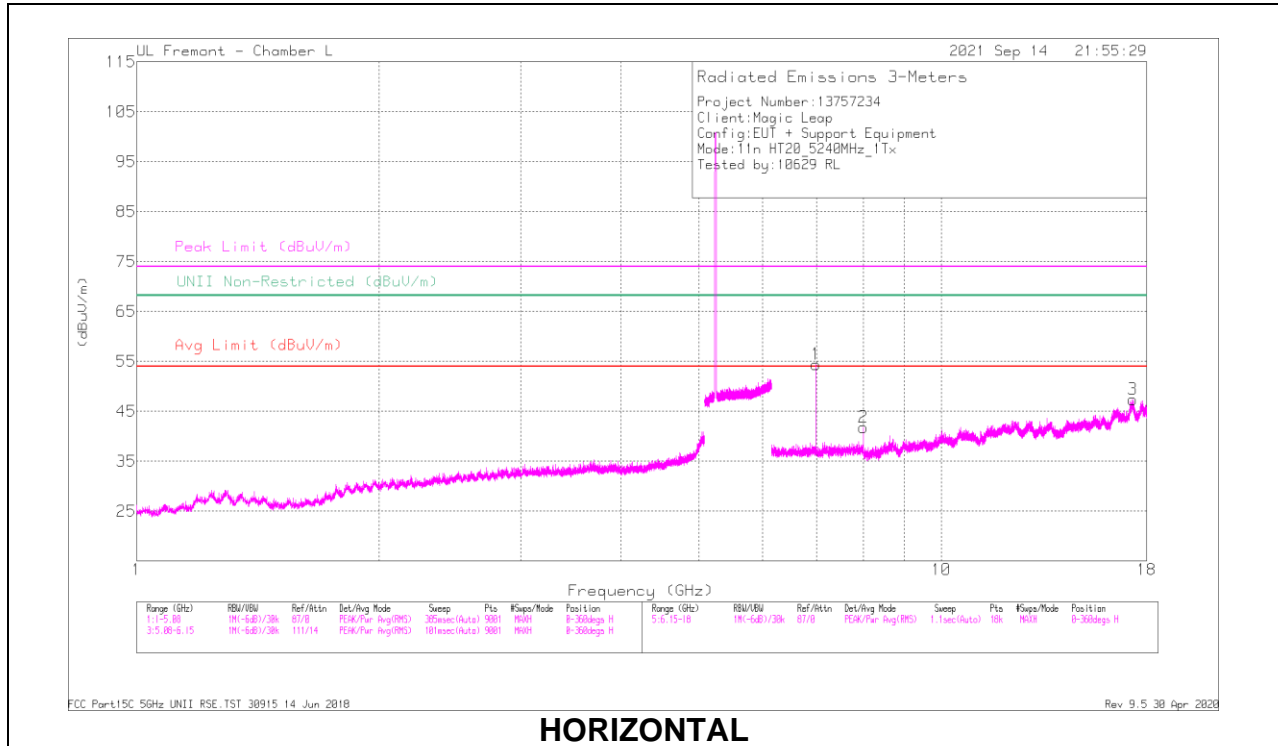
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.93333	42.28	PK-U	35.6	-20.1	57.78	-	-	-	-	68.2	-10.42	23	101	H
2	* 7.58255	32.01	PK-U	35.7	-19.6	48.11	-	-	74	-25.89	-	-	163	101	H
	* 7.57827	20.25	ADR	35.7	-19.5	36.45	-	-	54	-17.55	-	-	163	101	H
3	7.98964	29.93	PK-U	35.8	-18.6	47.13	-	-	-	-	68.2	-21.07	98	102	H
4	6.93335	37.57	PK-U	35.6	-20.1	53.07	-	-	-	-	68.2	-15.13	216	273	V
5	8.00021	31.96	PK-U	35.8	-18.6	49.16	-	-	-	-	68.2	-19.04	67	150	V
6	* 17.78964	26.92	PK-U	41.3	-13.8	54.42	-	-	74	-19.58	-	-	33	177	V
	* 17.79003	16.12	ADR	41.3	-13.9	43.52	54	-10.48	-	-	-	-	33	177	V

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

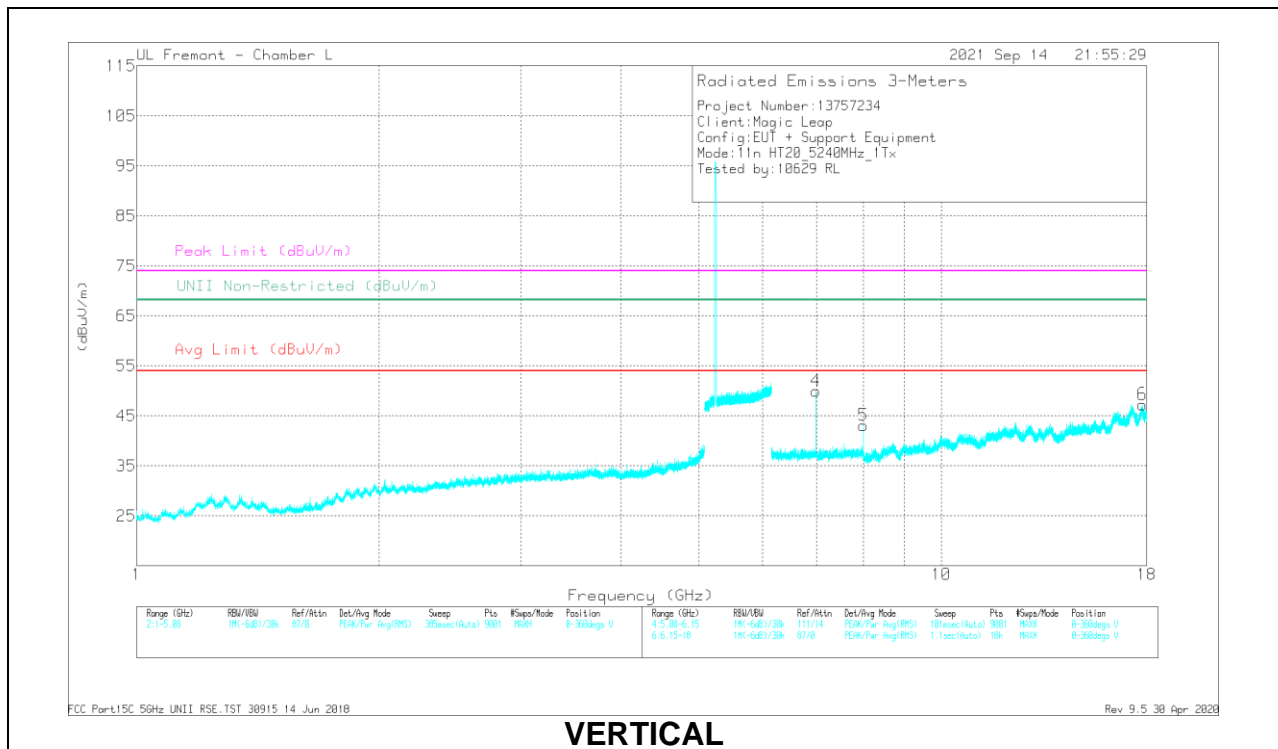
PK-U - U-NII: Maximum Peak

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/Ch/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	6.9867	38.71	PK-U	35.6	-20.3	54.01	-	-	-	-	68.2	-14.19	25	222	H
2	8.0008	28.81	PK-U	35.8	-18.6	46.01	-	-	-	-	68.2	-22.19	105	104	H
3	17.28749	27.74	PK-U	40.9	-14.9	53.74	-	-	-	-	68.2	-14.46	127	147	H
4	6.9866	38.02	PK-U	35.6	-20.3	53.32	-	-	-	-	68.2	-14.88	204	264	V
5	8.00016	30.39	PK-U	35.8	-18.6	47.59	-	-	-	-	68.2	-20.61	172	101	V
6	* 17.7757	26.51	PK-U	41.3	-13.8	54.01	-	-	74	-19.99	-	-	221	265	V
	* 17.77866	16.06	ADR	41.3	-13.8	43.56	54	-10.44	-	-	-	-	221	265	V

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

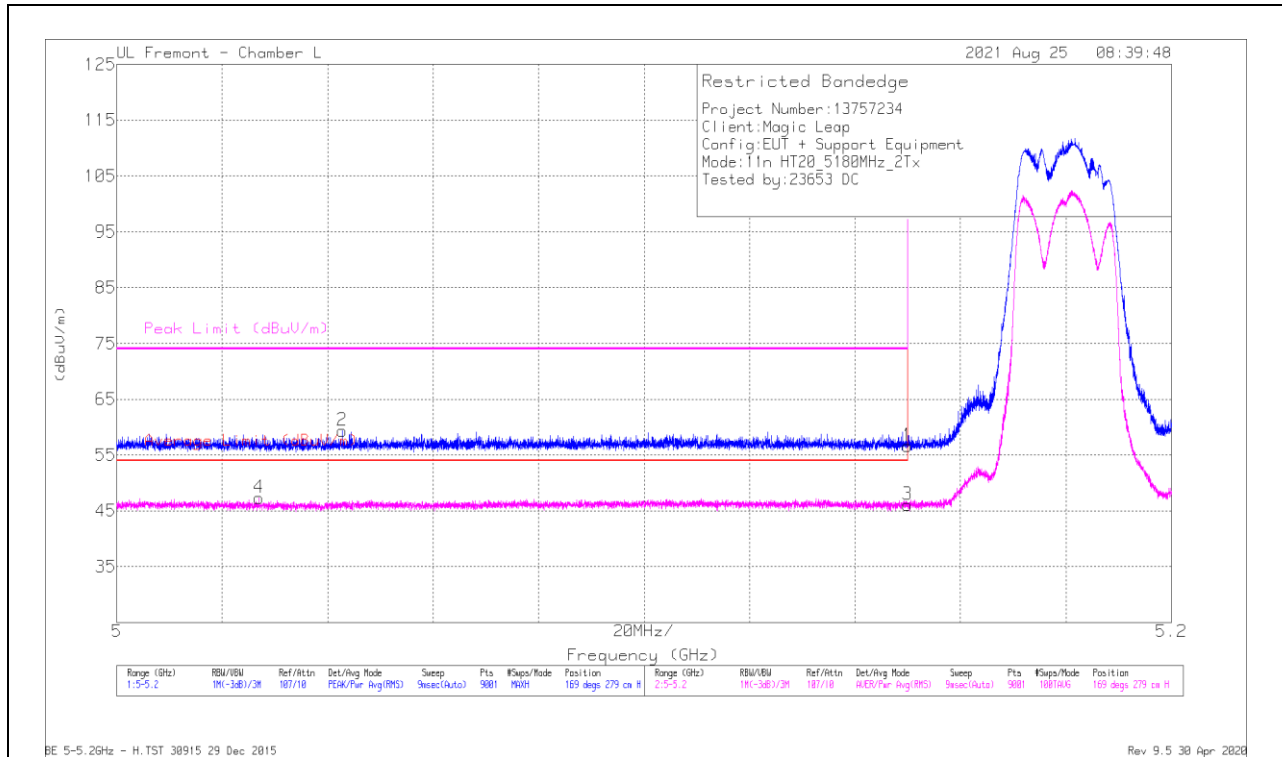
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



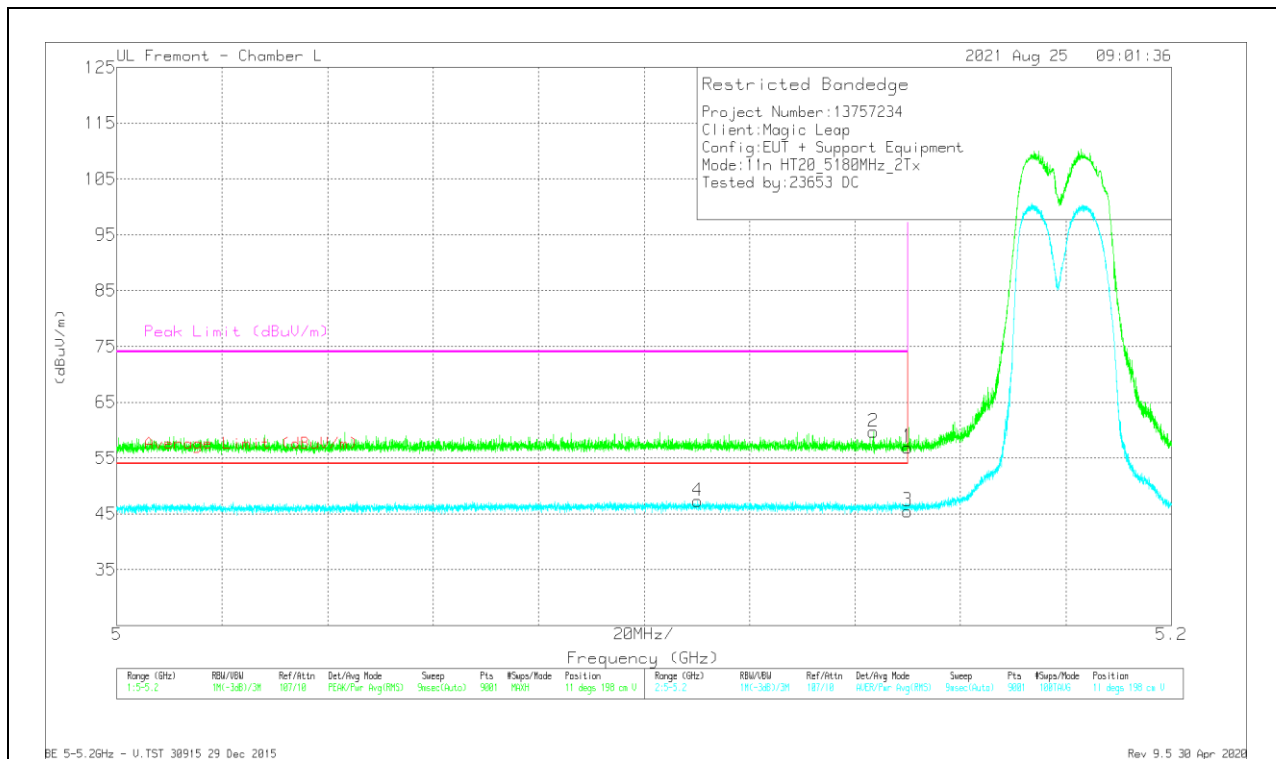
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	36.88	Pk	34.6	-14.9	56.58	-	-	74	-17.42	169	279	H
2	* 5.04273	39.91	Pk	34.2	-14.7	59.41	-	-	74	-14.59	169	279	H
3	* 5.15	26.42	RMS	34.6	-14.9	46.12	54	-7.88	-	-	169	279	H
4	* 5.02693	27.93	RMS	34.2	-14.8	47.33	54	-6.67	-	-	169	279	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



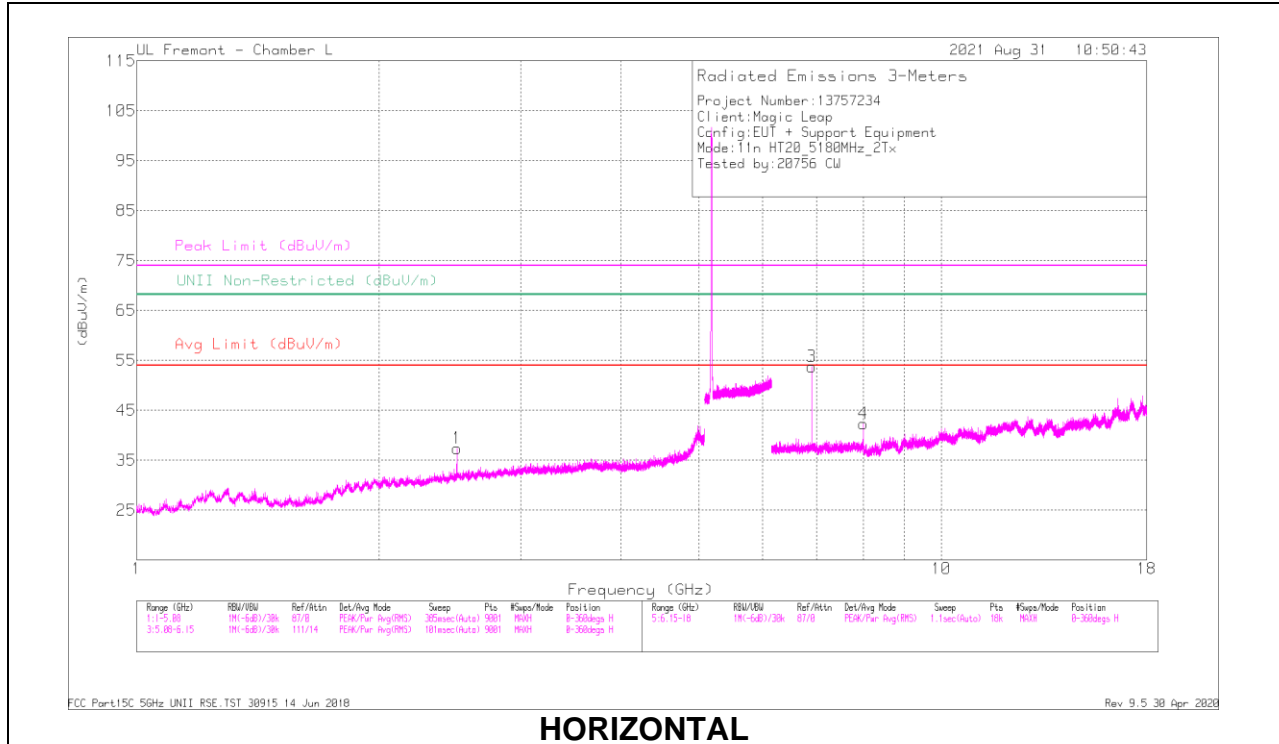
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	37.23	Pk	34.6	-14.9	56.93	-	-	74	-17.07	11	198	V
2	* 5.14349	39.99	Pk	34.6	-14.9	59.69	-	-	74	-14.31	11	198	V
3	* 5.15	25.81	RMS	34.6	-14.9	45.51	54	-8.49	-	-	11	198	V
4	* 5.11015	27.64	RMS	34.5	-14.8	47.34	54	-6.66	-	-	11	198	V

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

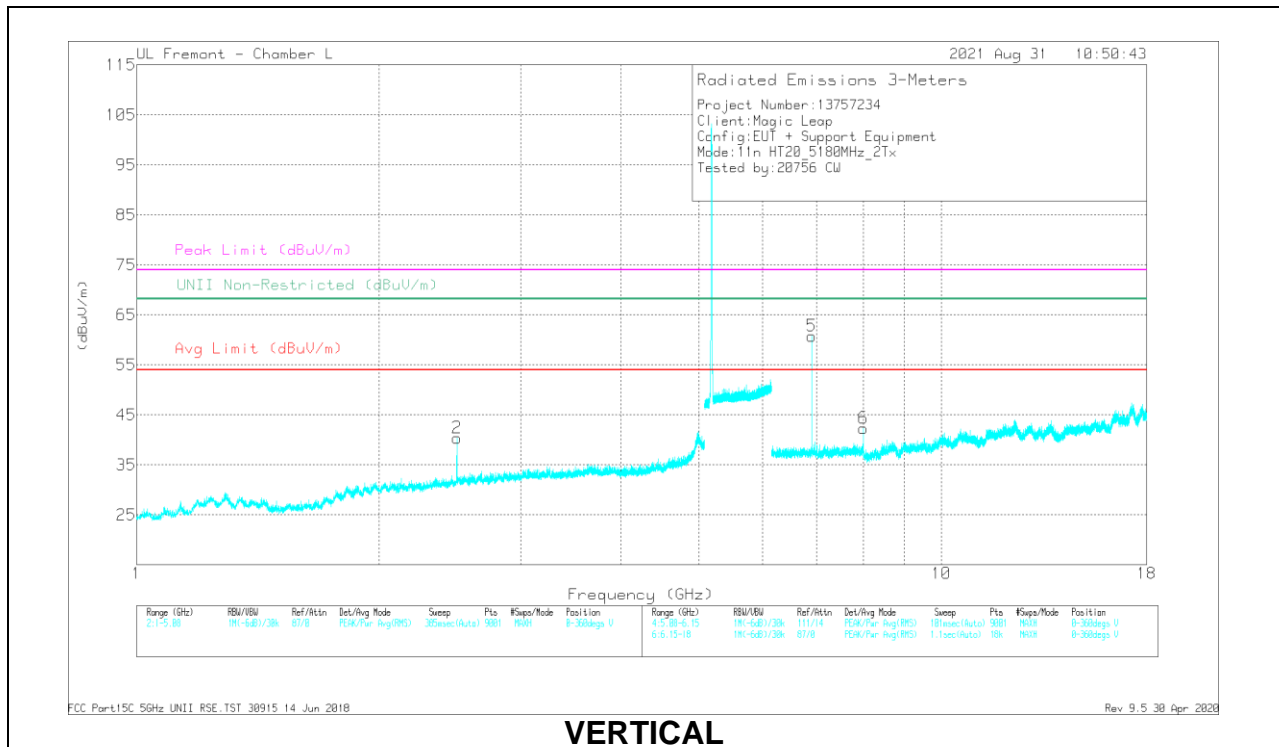


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



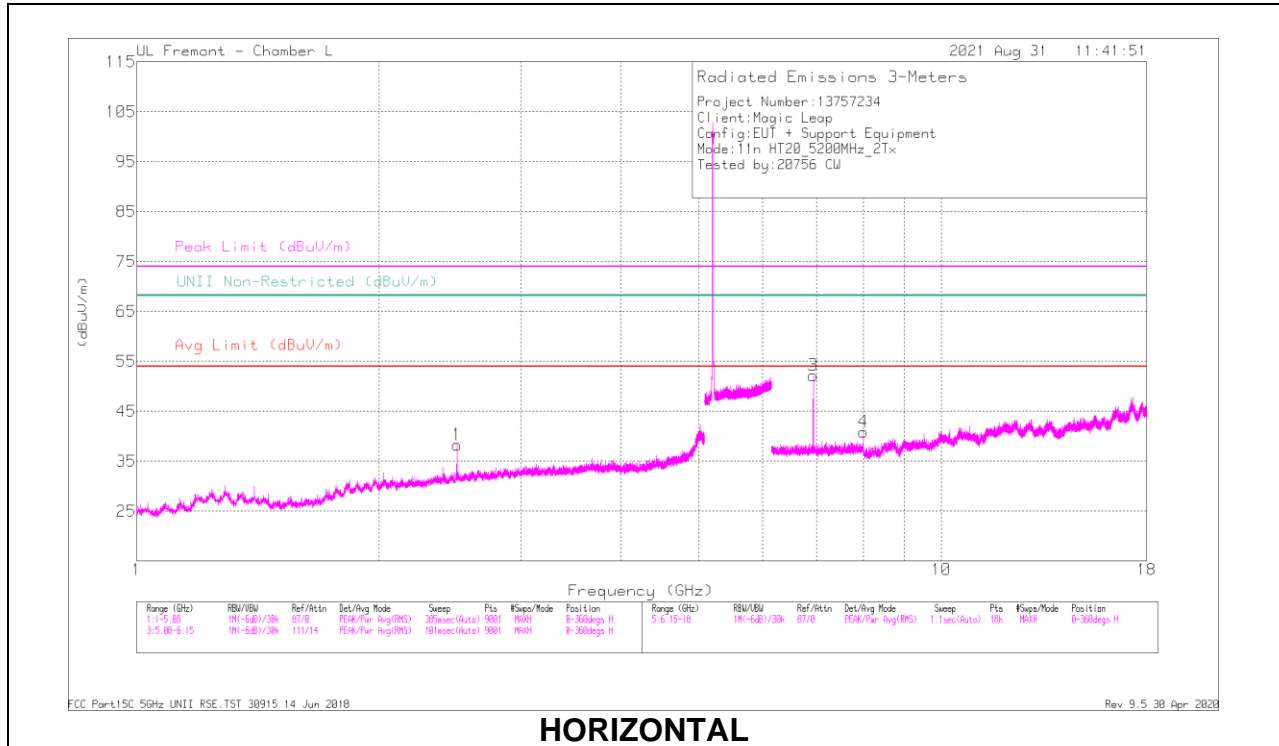
**VERTICAL**

**RADIATED EMISSIONS**

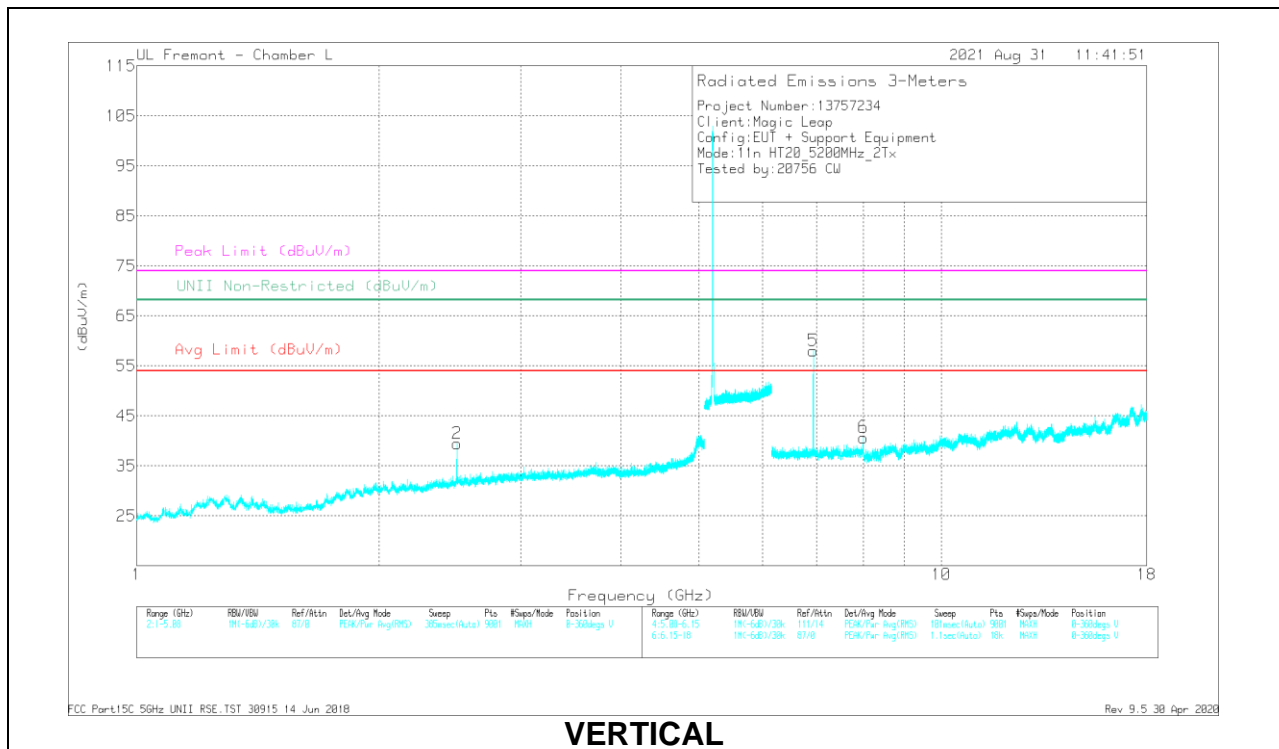
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCdb/FtrrPad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.50003	40.33	PK-U	32.4	-29.1	43.63	-	-	-	-	68.2	-24.57	257	119	H
2	2.5	42.38	PK-U	32.4	-29.1	45.68	-	-	-	-	68.2	-22.52	302	319	V
3	6.9066	39.72	PK-U	35.6	-20.9	54.42	-	-	-	-	68.2	-13.78	106	117	H
4	7.99997	29.25	PK-U	35.8	-18.6	46.45	-	-	-	-	68.2	-21.75	190	193	H
5	6.90661	46.5	PK-U	35.6	-20.9	61.2	-	-	-	-	68.2	-7	41	102	V
6	7.99989	30.15	PK-U	35.8	-18.6	47.35	-	-	-	-	68.2	-20.85	321	110	V

PK-U - U-NII: Maximum Peak

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

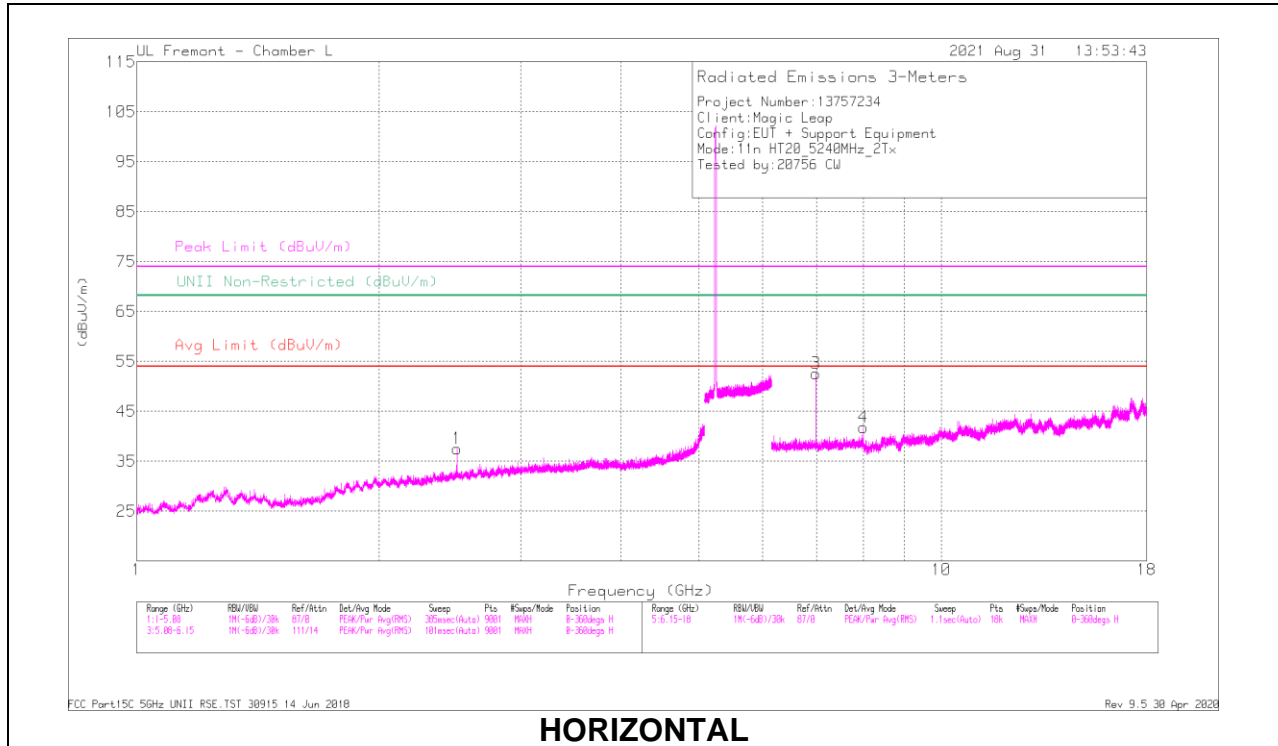
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49984	41.38	PK-U	32.4	-29.1	44.68	-	-	74	-29.32	-	-	265	104	H
	* 2.49999	34.31	ADR	32.4	-29.1	37.61	54	-16.39	-	-	-	-	265	104	H
2	* 2.49996	41.61	PK-U	32.4	-29.1	44.91	-	-	74	-29.09	-	-	294	193	V
	* 2.5	34.84	ADR	32.4	-29.1	38.14	54	-15.86	-	-	-	-	294	193	V
3	6.93327	39.95	PK-U	35.6	-20.1	55.45	-	-	-	-	68.2	-12.75	163	191	H
4	8.00001	30.88	PK-U	35.8	-18.6	48.08	-	-	-	-	68.2	-20.12	162	103	H
5	6.93291	39.31	PK-U	35.6	-20.1	54.81	-	-	-	-	68.2	-13.39	34	181	V
6	7.99997	31.56	PK-U	35.8	-18.6	48.76	-	-	-	-	68.2	-19.44	195	179	V

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

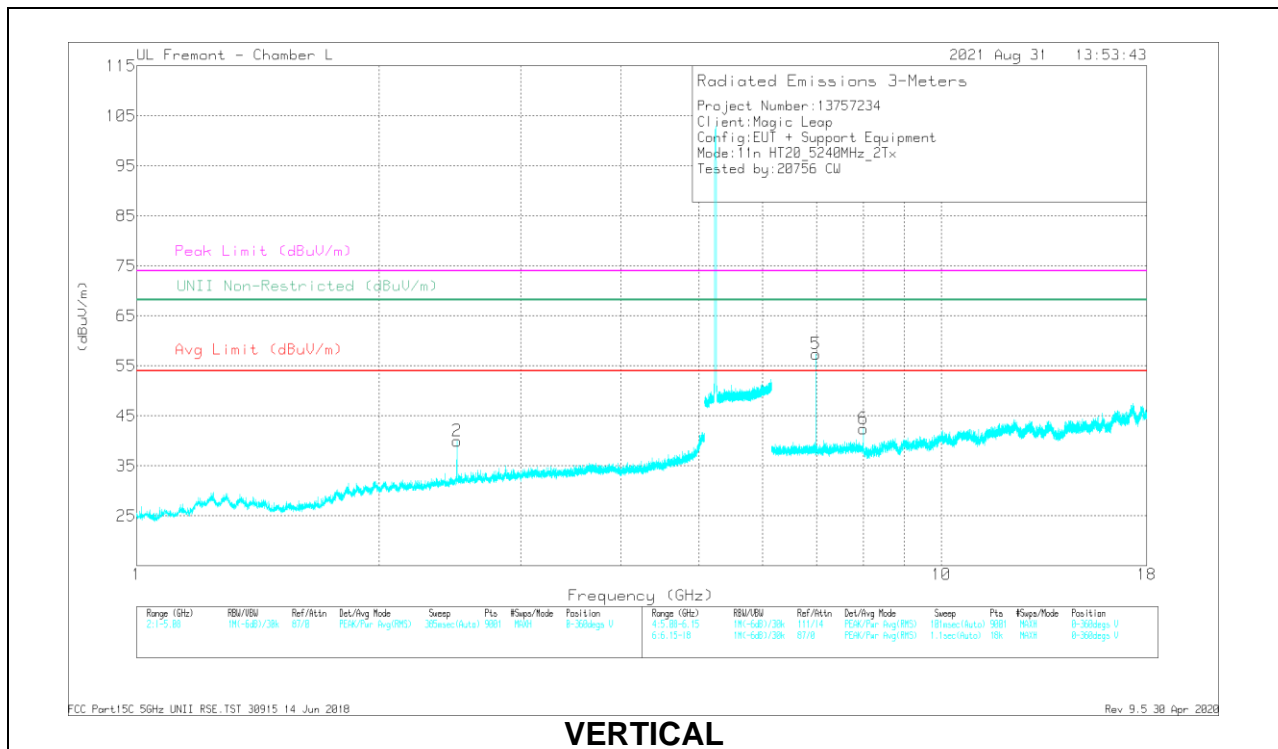
PK-U - U-NII: Maximum Peak

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)	AmpCh/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	* 2.5	40.49	PK-U	32.4	-29.1	43.79	-	-	74	-30.21	-	-	267	101	H
	* 2.49999	33.59	ADR	32.4	-29.1	36.89	54	-17.11	-	-	-	-	267	101	H
2	* 2.49999	42.34	PK-U	32.4	-29.1	45.64	-	-	74	-28.36	-	-	292	101	V
	* 2.5	34.8	ADR	32.4	-29.1	38.1	54	-15.9	-	-	-	-	232	101	V
3	6.98664	39.15	PK-U	35.6	-20.3	54.45	-	-	-	-	68.2	-13.75	68	193	H
4	7.99996	31.45	PK-U	35.8	-18.6	48.65	-	-	-	-	68.2	-19.55	245	206	H
5	6.98664	42.45	PK-U	35.6	-20.3	57.75	-	-	-	-	68.2	-10.45	337	180	V
6	7.99989	31.12	PK-U	35.8	-18.6	48.32	-	-	-	-	68.2	-19.88	188	210	V

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

PK-U - U-NII: Maximum Peak

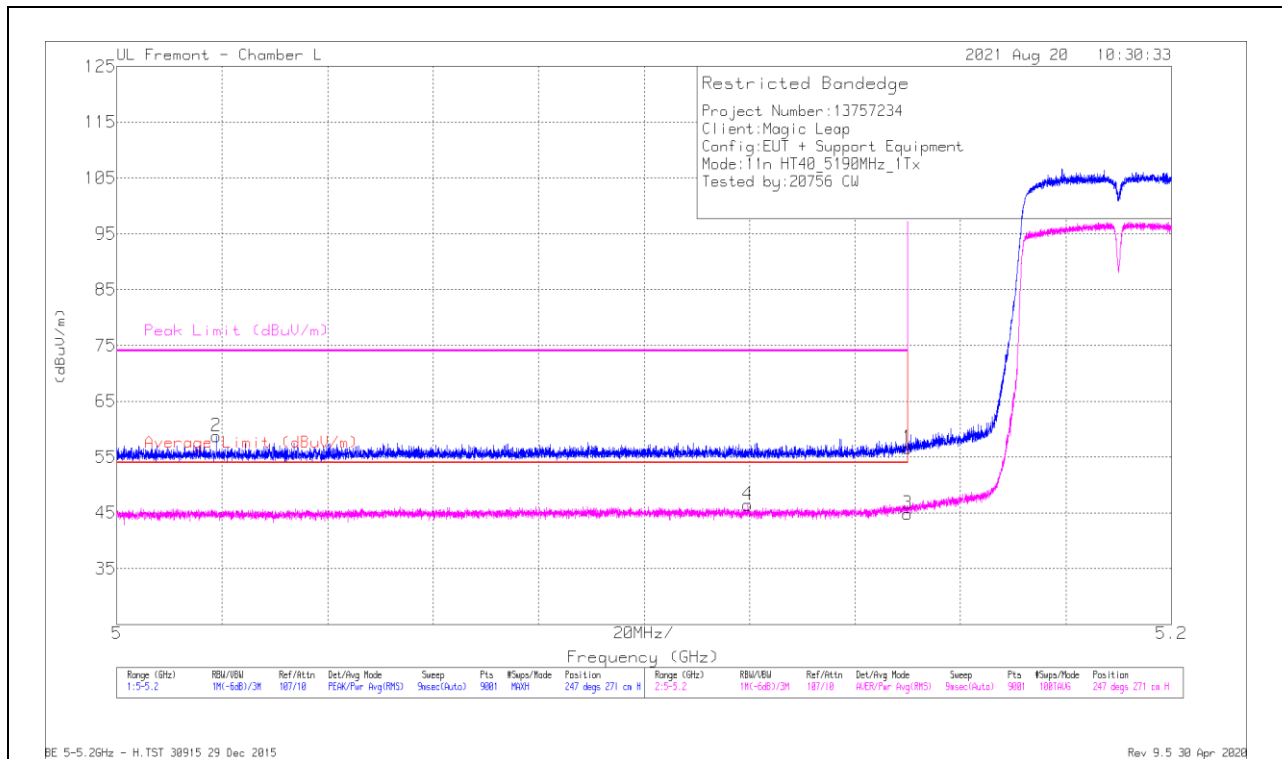
ADR - U-NII AD primary method, RMS average

### 10.1.3. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.2 GHz BAND

#### 1TX Antenna 1 MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



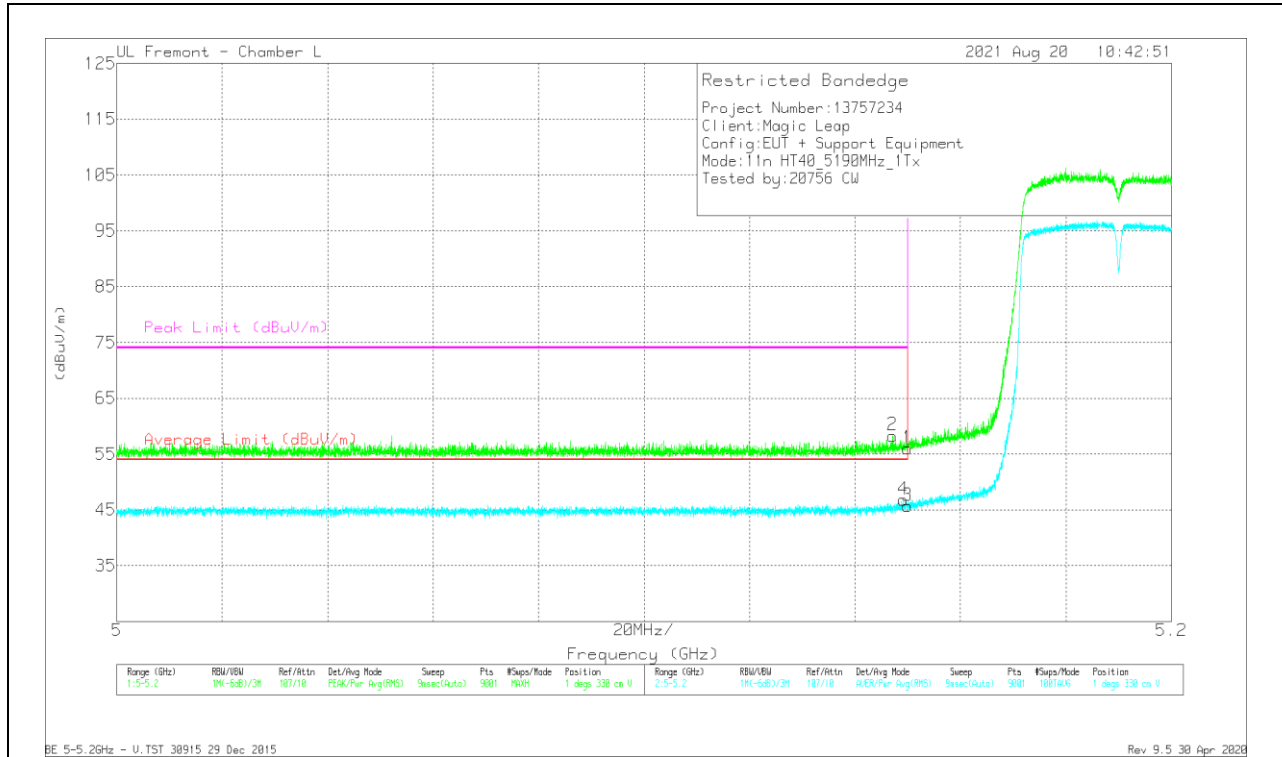
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	36.91	Pk	34.6	-14.9	56.61	-	-	74	-17.39	247	271	H
2	* 5.01887	39.29	Pk	34.2	-14.8	58.69	-	-	74	-15.31	247	271	H
3	* 5.15	25.09	RMS	34.6	-14.9	44.79	54	-9.21	-	-	247	271	H
4	* 5.11971	26.85	RMS	34.5	-14.9	46.45	54	-7.55	-	-	247	271	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



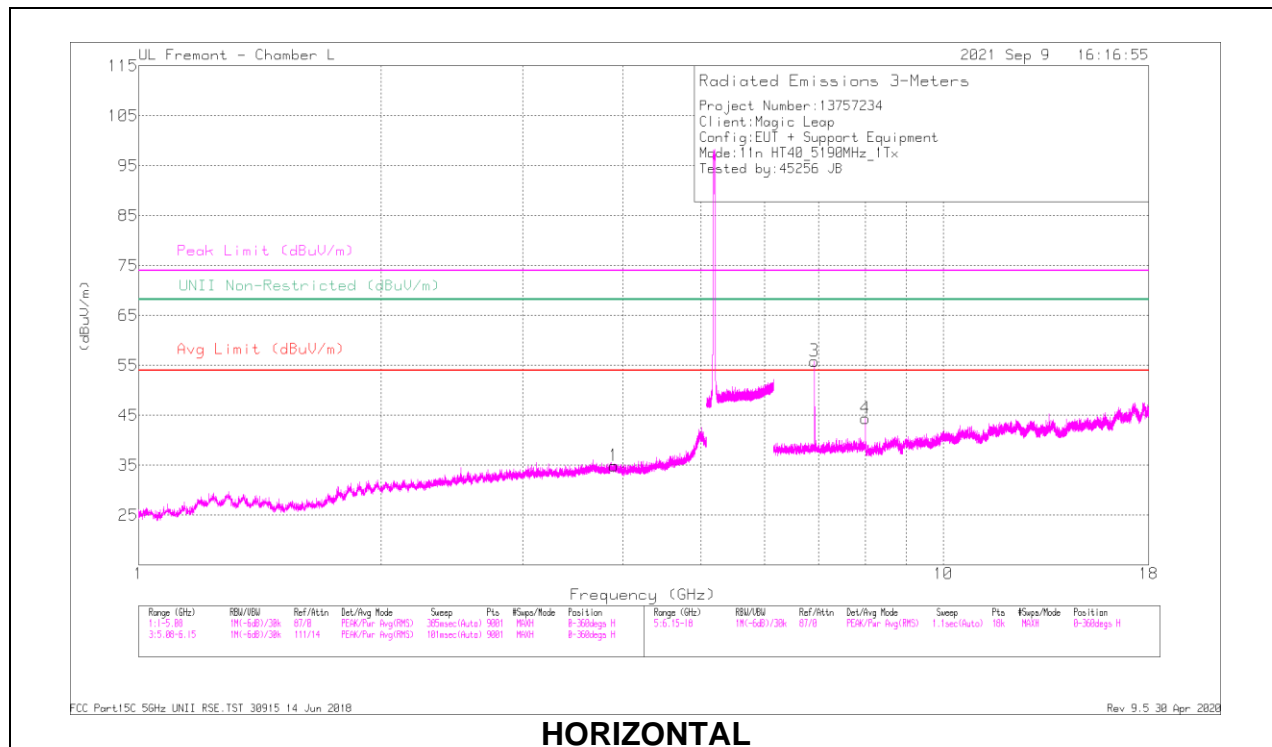
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	36.25	Pk	34.6	-14.9	55.95	-	-	74	-18.05	1	330	V
2	* 5.14715	38.6	Pk	34.6	-14.9	58.3	-	-	74	-15.7	1	330	V
3	* 5.15	26.01	RMS	34.6	-14.9	45.71	54	-8.29	-	-	1	330	V
4	* 5.14913	27.07	RMS	34.6	-14.9	46.77	54	-7.23	-	-	1	330	V

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

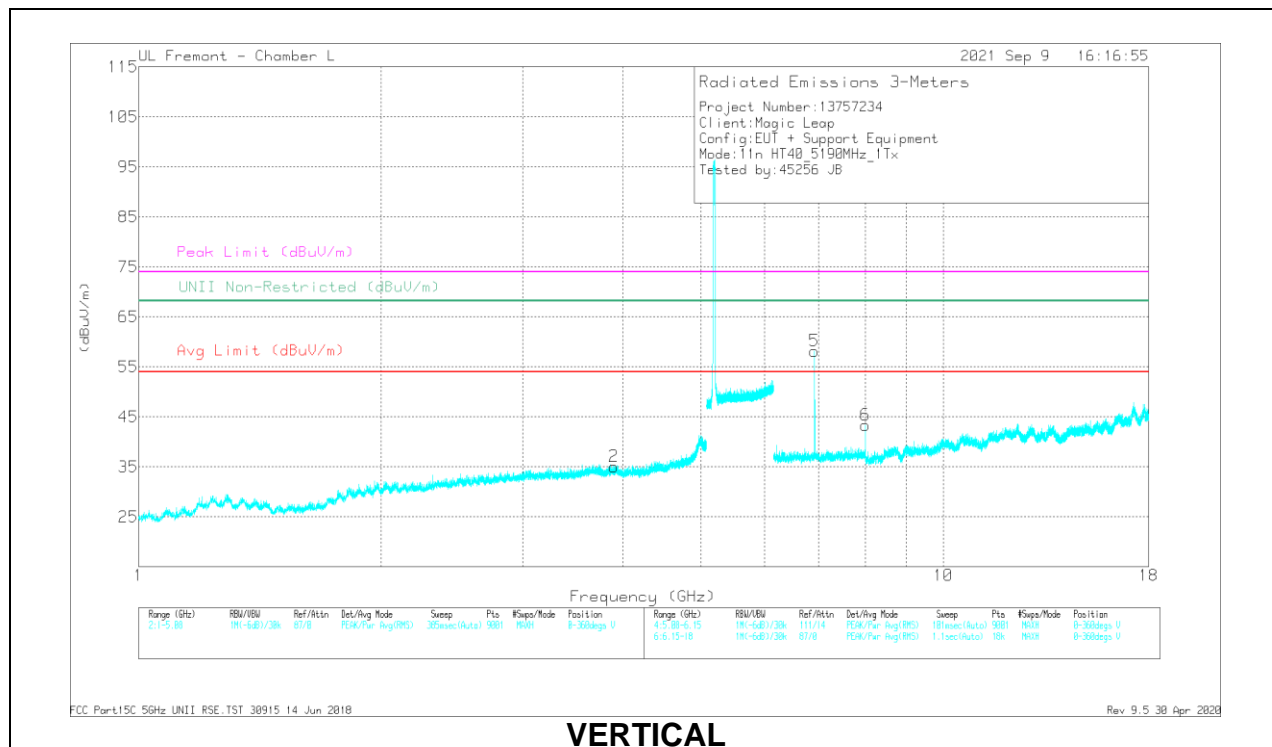


# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



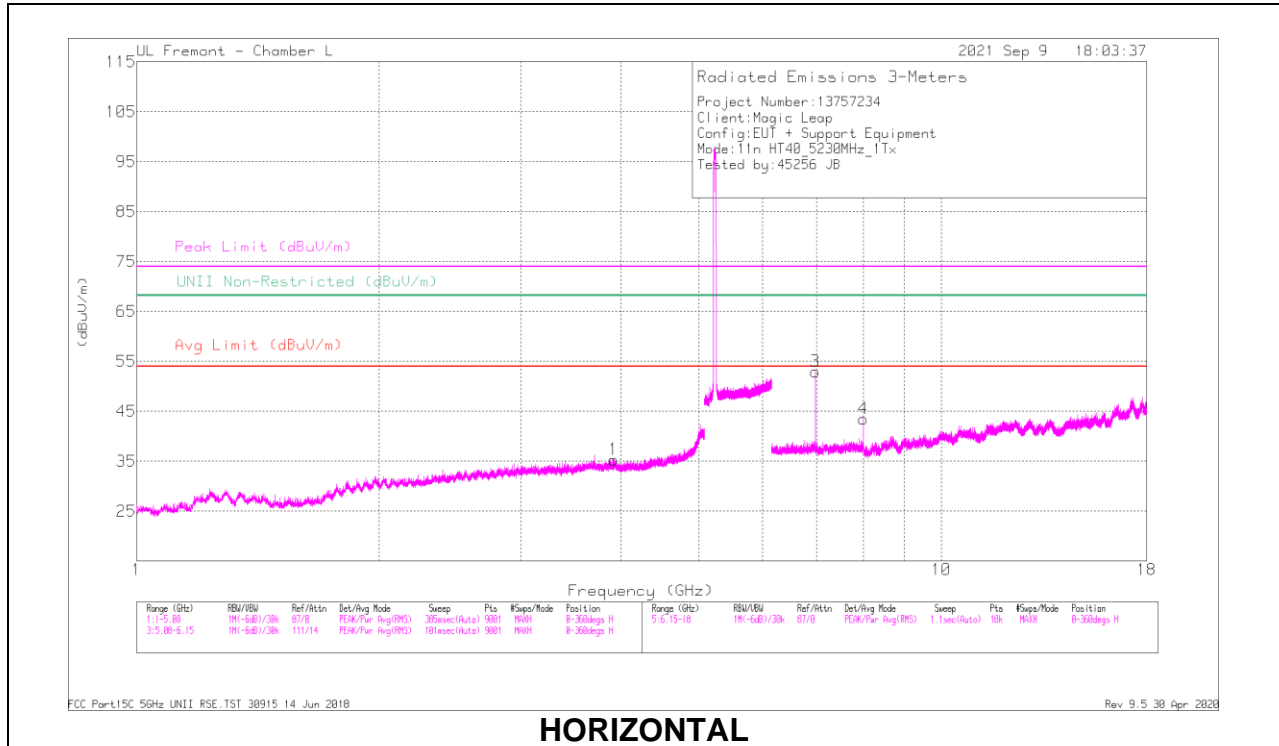
**VERTICAL**

**RADIATED EMISSIONS**

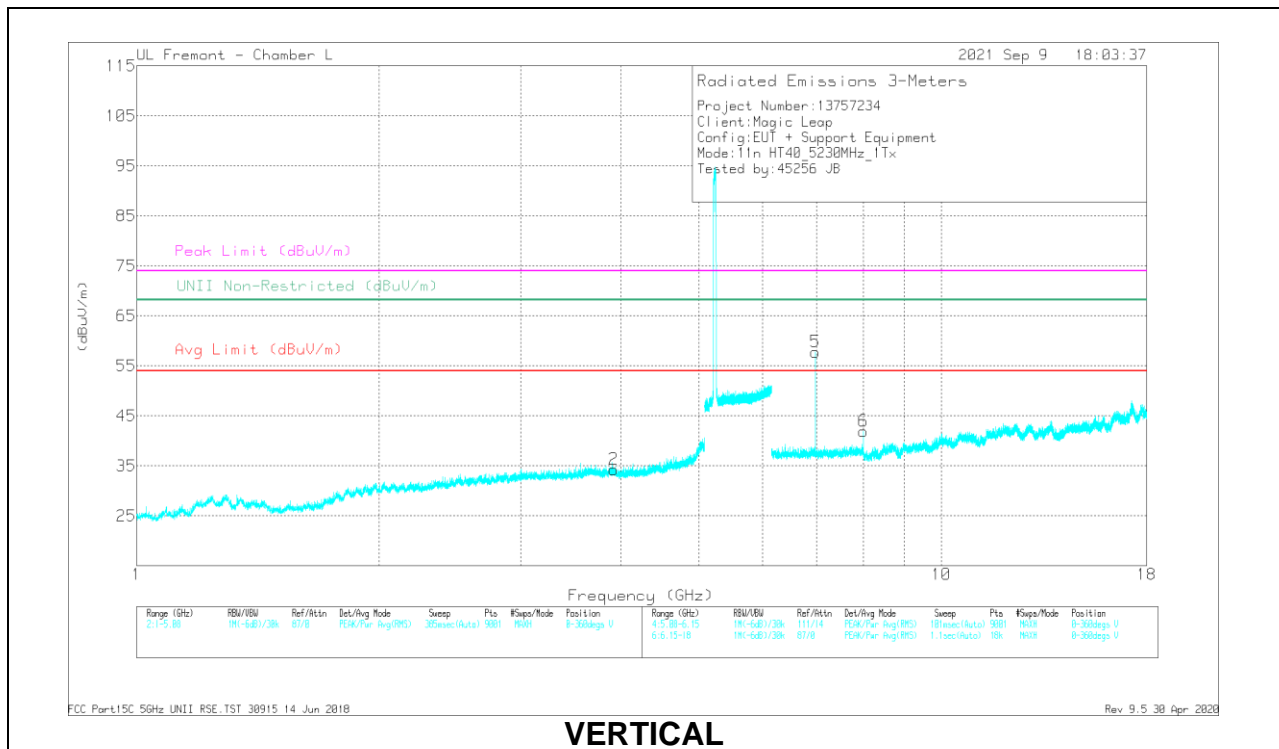
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.89321	34.33	PK-U	33.2	-25.3	42.23	-	-	74	-31.77	-	-	301	101	H
	* 3.89472	23.27	ADR	33.2	-25.2	31.27	54	-22.73	-	-	-	-	301	101	H
2	* 3.89717	35.35	PK-U	33.2	-25.2	43.35	-	-	74	-30.65	-	-	65	106	V
	* 3.89884	23.89	ADR	33.2	-25.1	31.99	54	-22.01	-	-	-	-	65	106	V
3	6.91996	41.17	PK-U	35.7	-20.5	56.37	-	-	-	-	68.2	-11.83	246	101	H
4	7.9999	30.96	PK-U	35.8	-18.6	48.16	-	-	-	-	68.2	-20.04	297	226	H
5	6.91995	39.94	PK-U	35.7	-20.5	55.14	-	-	-	-	68.2	-13.06	295	108	V
6	8.00015	30.9	PK-U	35.8	-18.6	48.1	-	-	-	-	68.2	-20.1	96	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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

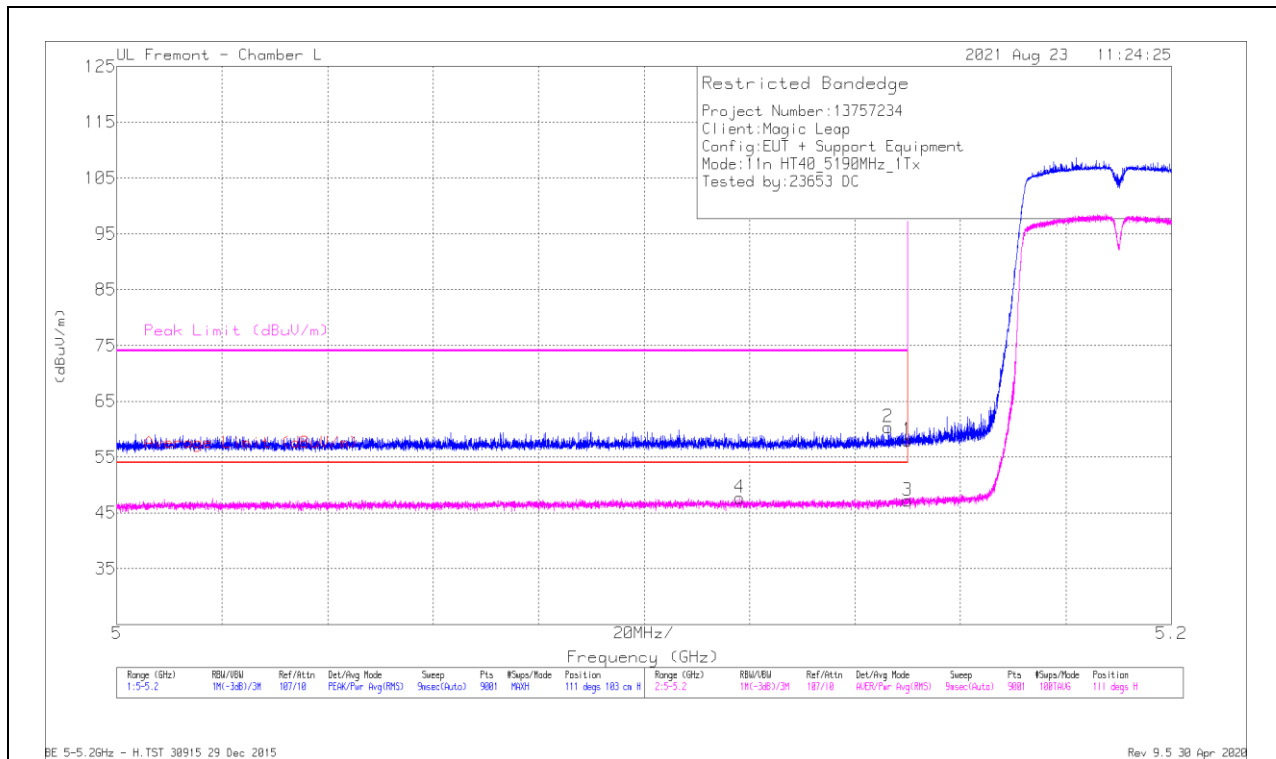
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCh/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.91683	33.85	PK-U	33.1	-25.2	41.75	-	-	74	-32.25	-	-	283	108	H
	* 3.91639	22.64	ADR	33.1	-25.2	30.54	54	-23.46	-	-	-	-	283	108	H
2	* 3.91248	33.73	PK-U	33.1	-25.2	41.63	-	-	74	-32.37	-	-	187	106	V
	* 3.91287	23.15	ADR	33.1	-25.2	31.05	54	-22.95	-	-	-	-	187	106	V
3	6.9733	37.97	PK-U	35.6	-20.3	53.27	-	-	-	-	68.2	-14.93	252	101	H
4	7.99989	30.47	PK-U	35.8	-18.6	47.67	-	-	-	-	68.2	-20.53	332	101	H
5	6.97329	41.26	PK-U	35.6	-20.3	56.56	-	-	-	-	68.2	-11.64	214	218	V
6	7.99999	30.34	PK-U	35.8	-18.6	47.54	-	-	-	-	68.2	-20.66	100	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

**1TX Antenna 2 MODE**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**



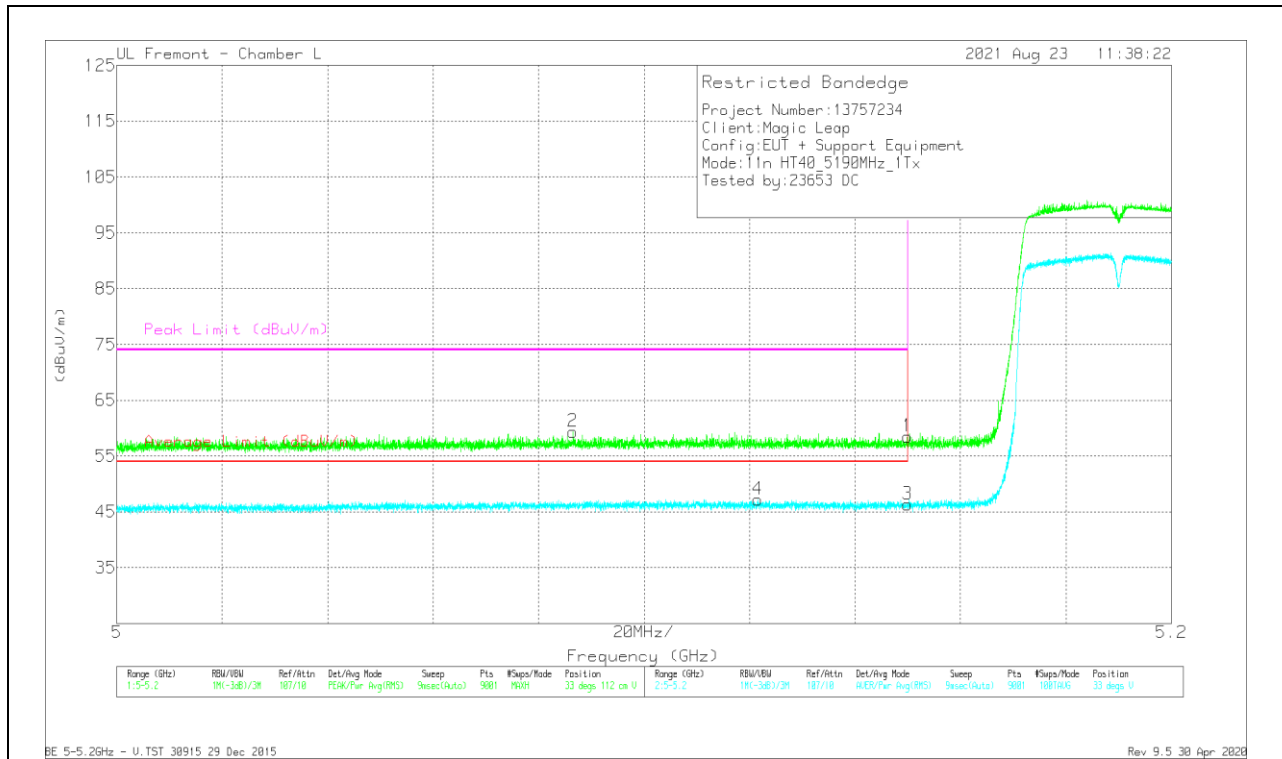
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.34	Pk	34.6	-14.9	58.04	-	-	74	-15.96	111	103	H
2	* 5.14627	40.66	Pk	34.6	-14.9	60.36	-	-	74	-13.64	111	103	H
3	* 5.15	27.51	RMS	34.6	-14.9	47.21	54	-6.79	-	-	111	103	H
4	* 5.11807	28.07	RMS	34.5	-14.9	47.67	54	-6.33	-	-	111	103	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT

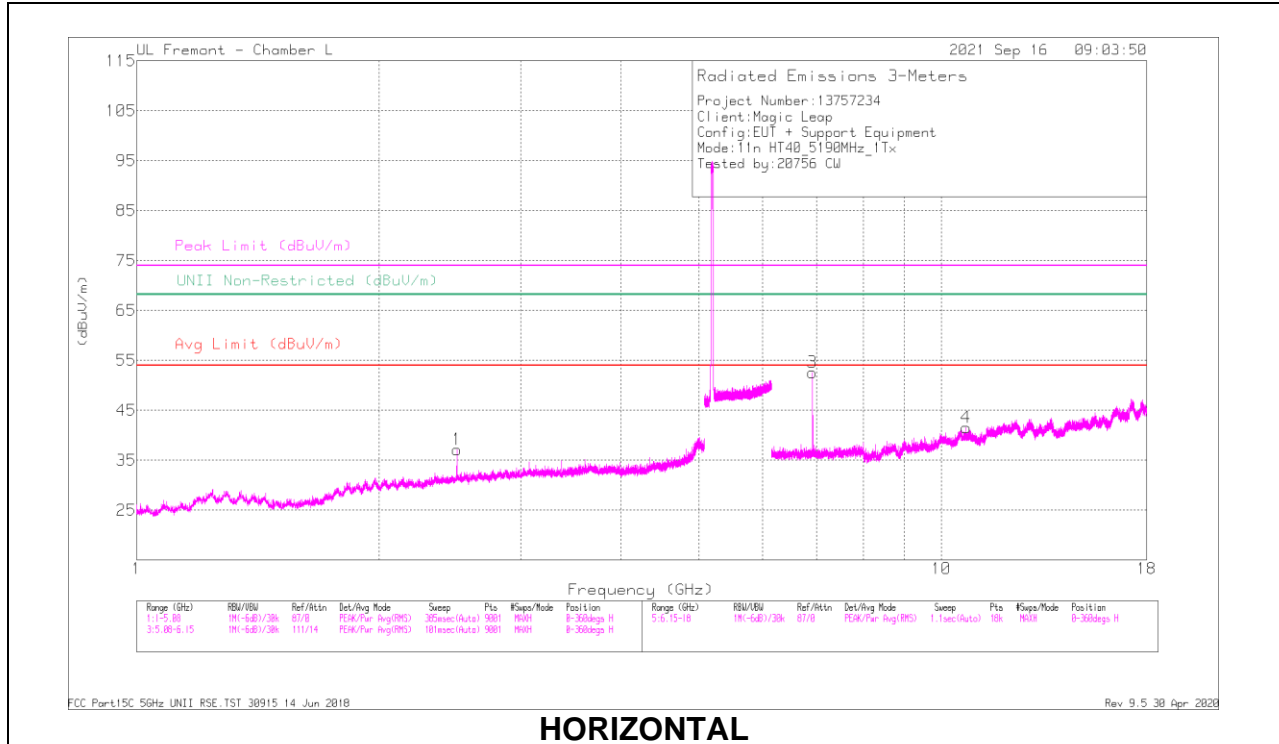


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	38.75	Pk	34.6	-14.9	58.45	-	-	74	-15.55	33	112	V
2	* 5.08649	39.63	Pk	34.5	-14.8	59.33	-	-	74	-14.67	33	112	V
3	* 5.15	26.58	RMS	34.6	-14.9	46.28	54	-7.72	-	-	33	112	V
4	* 5.1216	27.63	RMS	34.5	-14.9	47.23	54	-6.77	-	-	33	112	V

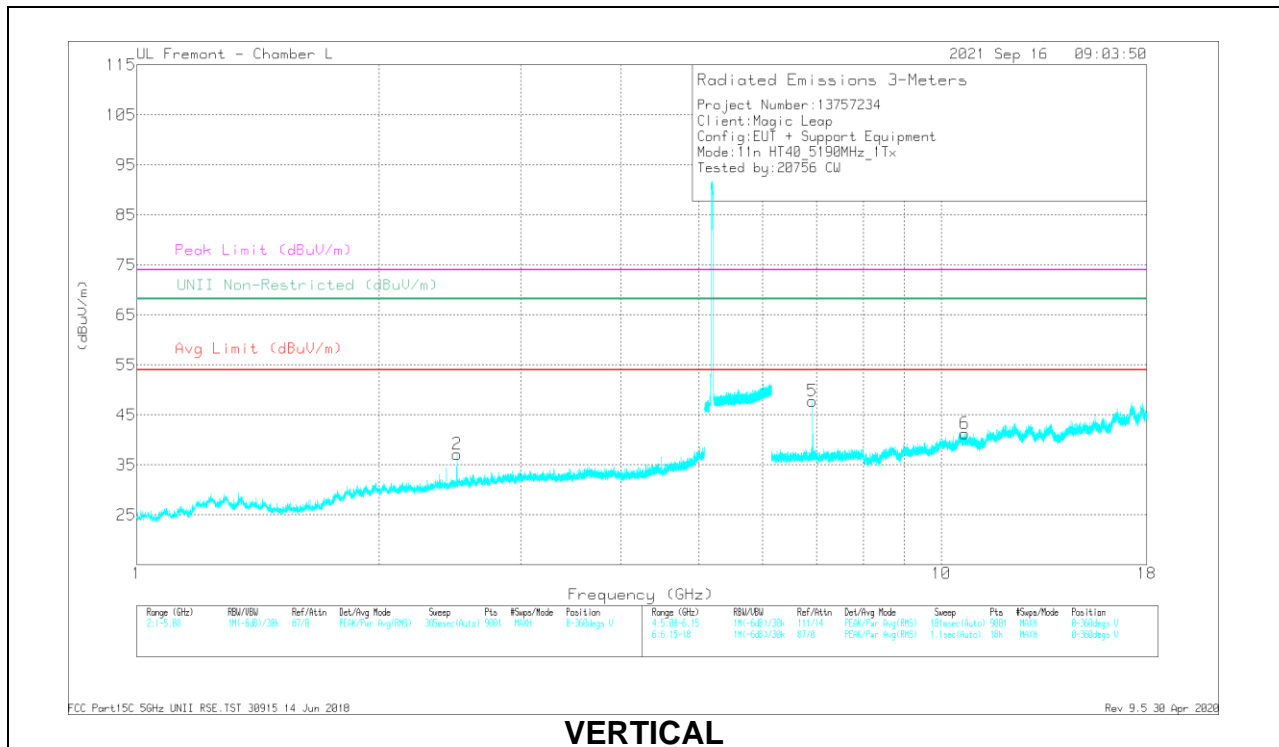
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW 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	2.5	40.38	PK-U	32.4	-29.1	43.68	-	-	-	-	68.2	-24.52	175	238	H
2	2.50005	40.79	PK-U	32.4	-29.1	44.09	-	-	-	-	68.2	-24.11	151	236	V
3	6.91998	39.86	PK-U	35.7	-20.5	55.06	-	-	-	-	68.2	-13.14	102	101	H
4	* 10.74248	25.87	PK-U	37.9	-16.4	47.37	-	-	74	-26.63	-	-	200	171	H
	* 10.74248	15.5	ADR	37.9	-16.4	37	54	-17	-	-	-	-	200	171	H
5	6.91994	35.44	PK-U	35.7	-20.5	50.64	-	-	-	-	68.2	-17.56	24	343	V
6	* 10.69008	25.51	PK-U	37.9	-16.6	46.81	-	-	74	-27.19	-	-	344	127	V
	* 10.69047	16.49	ADR	37.9	-16.6	37.79	54	-16.21	-	-	-	-	344	127	V

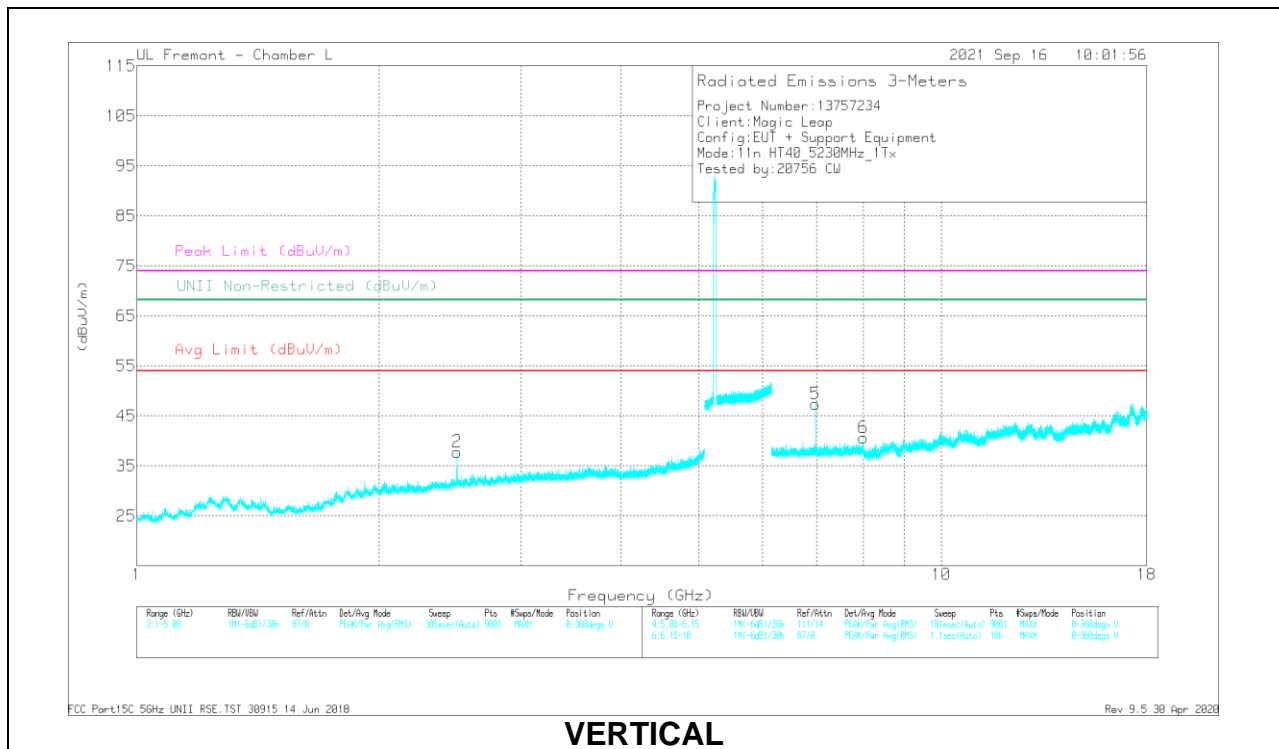
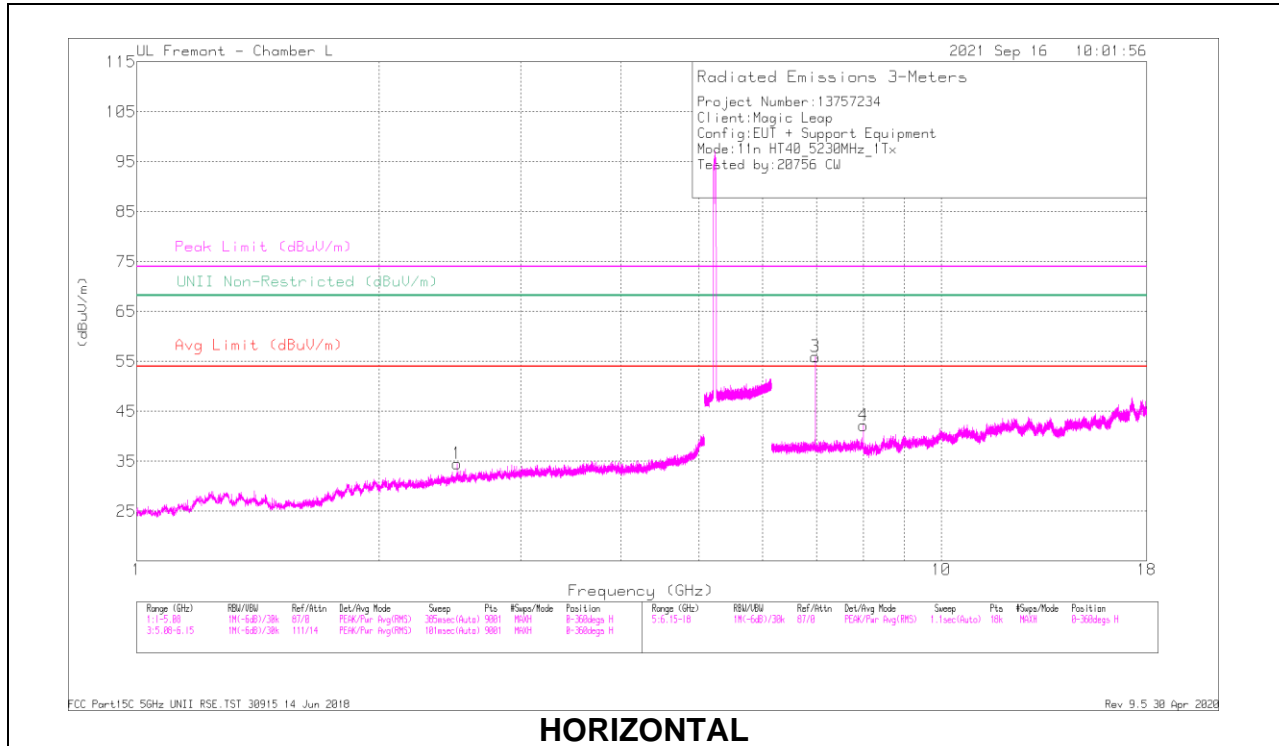
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 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	* 2.49983	39.08	PK-U	32.4	-29.1	42.38	-	-	74	-31.62	-	-	303	101	H
	* 2.49989	29.74	ADR	32.4	-29.1	33.04	54	-20.96	-	-	-	-	303	101	H
2	* 2.49986	41.29	PK-U	32.4	-29.1	44.59	-	-	74	-29.41	-	-	141	159	V
	* 2.49991	34.05	ADR	32.4	-29.1	37.35	54	-16.65	-	-	-	-	141	159	V
3	6.97331	39.65	PK-U	35.6	-20.3	54.95	-	-	-	-	68.2	-13.25	115	101	H
4	8.00001	28.7	PK-U	35.8	-18.6	45.9	-	-	-	-	68.2	-22.3	33	101	H
5	6.97331	32.86	PK-U	35.6	-20.3	48.16	-	-	-	-	68.2	-20.04	308	258	V
6	7.99987	28.67	PK-U	35.8	-18.6	45.87	-	-	-	-	68.2	-22.33	163	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