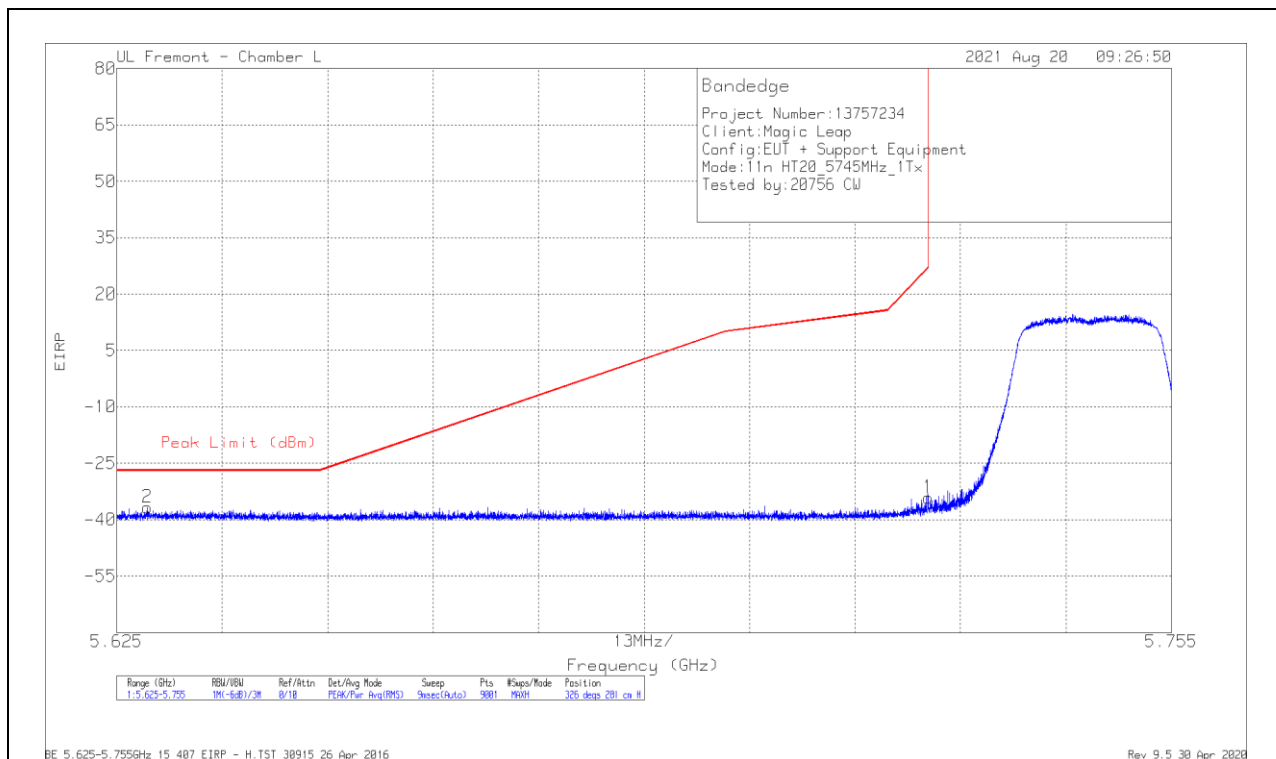


10.1.16. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

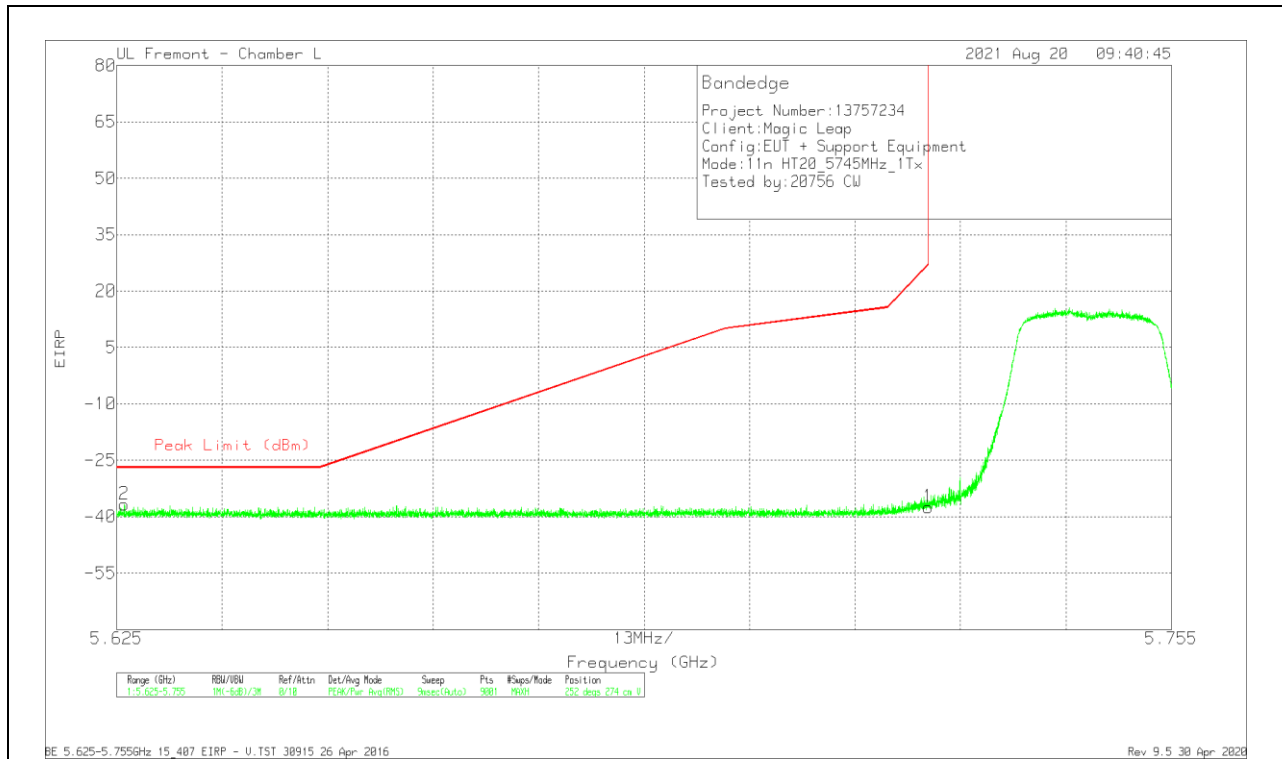
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cb1/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.83	Pk	34.8	-13.9	11.8	-34.13	26.99	-61.12	326	281	H
2	5.62874	-69.56	Pk	34.9	-13.9	11.8	-36.76	-27	-9.76	326	281	H

Pk - Peak detector

VERTICAL RESULT

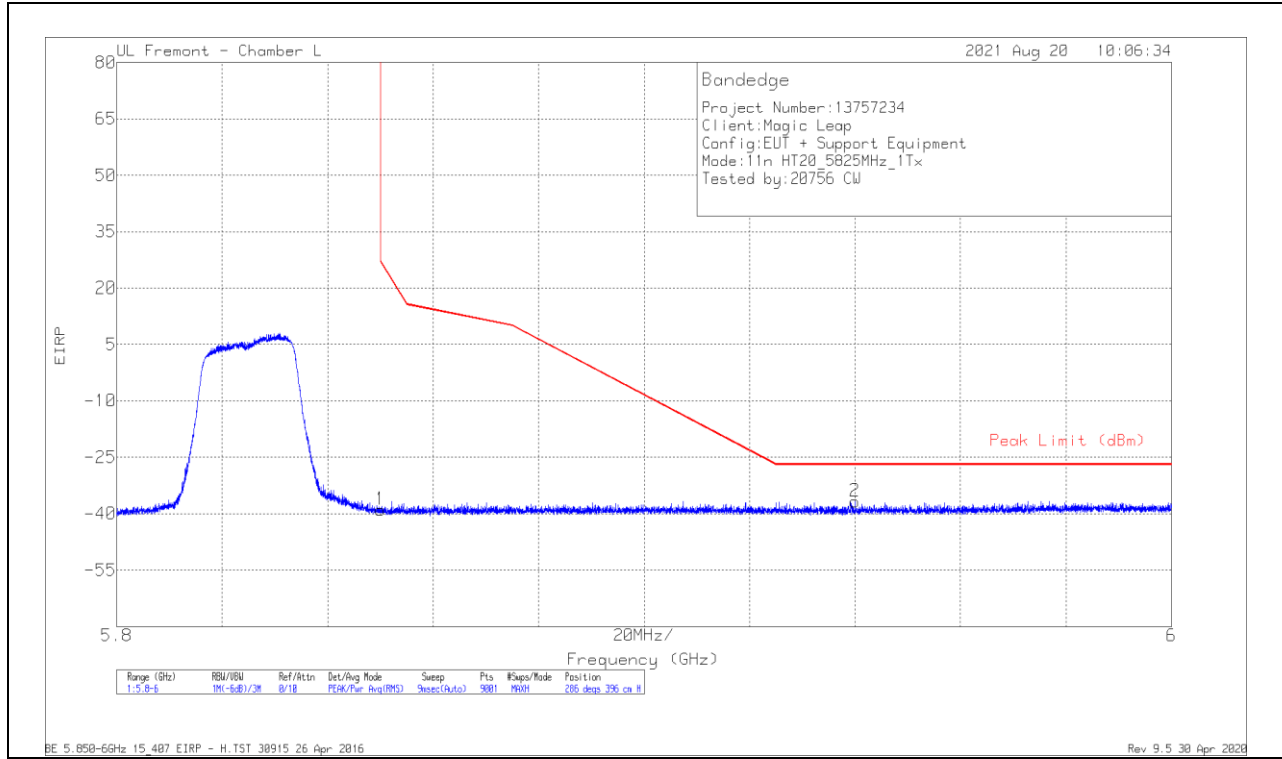


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-70.18	PK	34.8	-13.9	11.8	-37.48	26.99	-64.47	252	274	V
2	5.62595	-69.28	PK	34.8	-14	11.8	-36.68	-27	-9.68	252	274	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

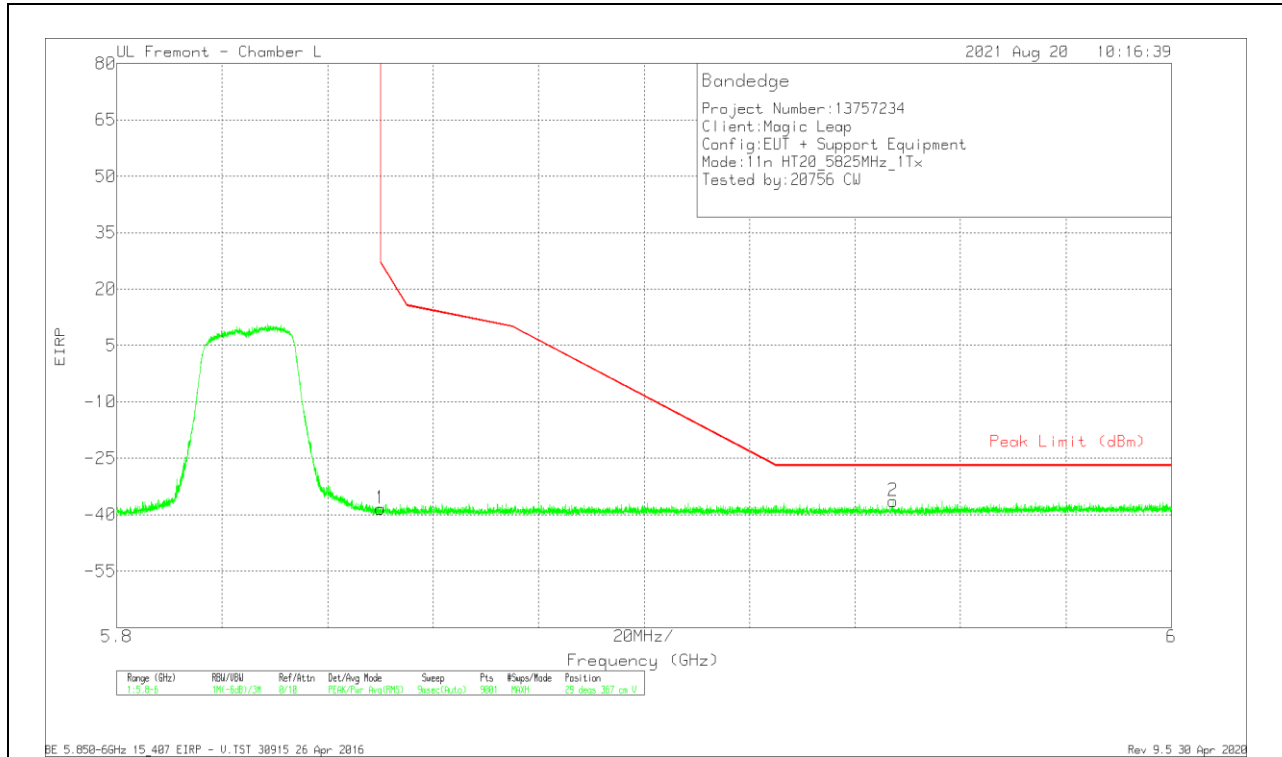
HORIZONTAL RESULT



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	-71.82	Pk	34.9	-13.9	11.8	-39.02	26.95	-65.97	286	396	H
2	5.93998	-70.1	Pk	35.1	-13.5	11.8	-36.7	-27	-9.7	286	396	H

Pk - Peak detector

VERTICAL RESULT

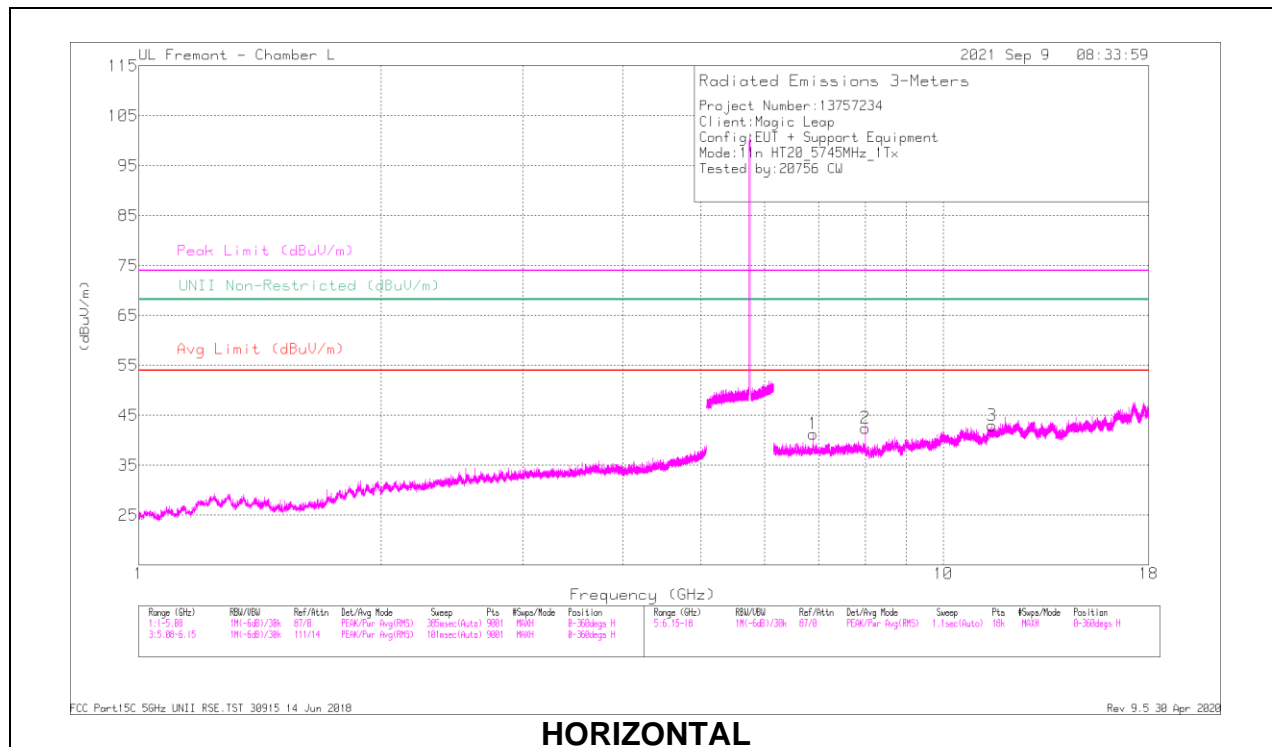


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-71.16	PK	34.9	-13.9	11.8	-38.36	26.95	-65.31	29	367	V
2	5.9472	-69.73	PK	35.1	-13.5	11.8	-36.33	-27	-9.33	29	367	V

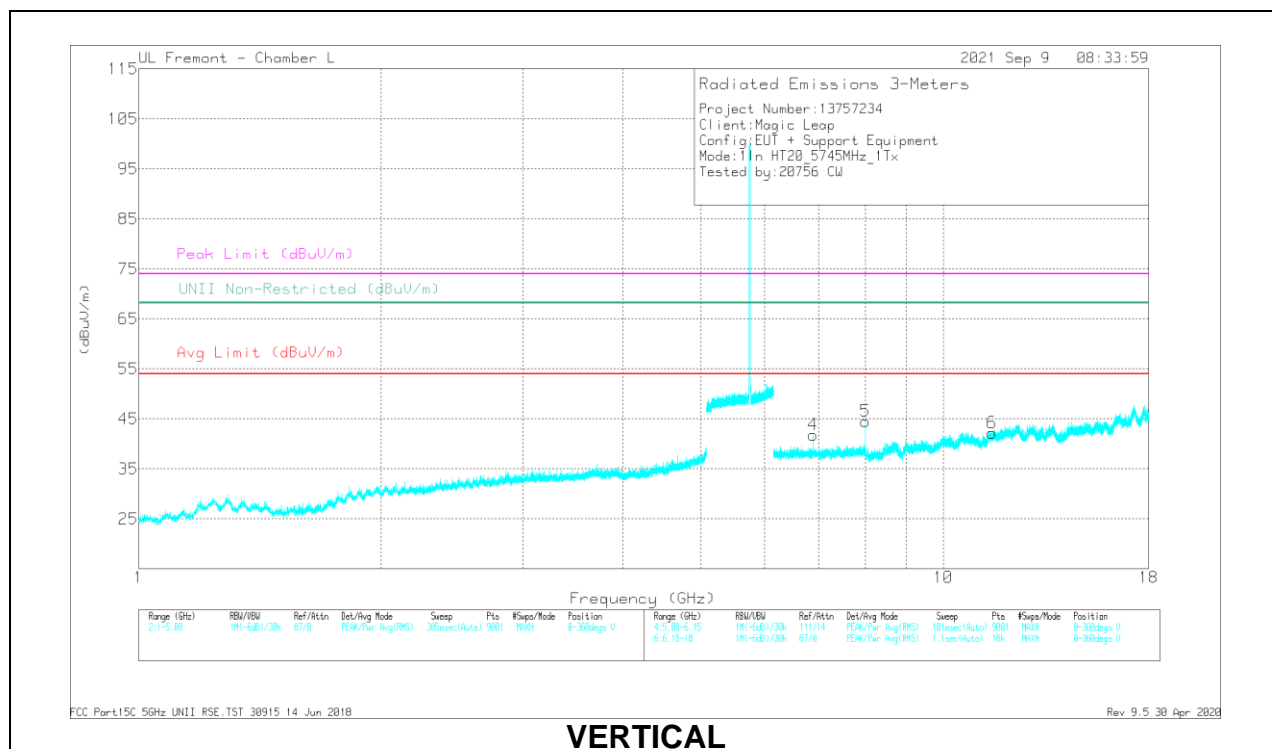
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



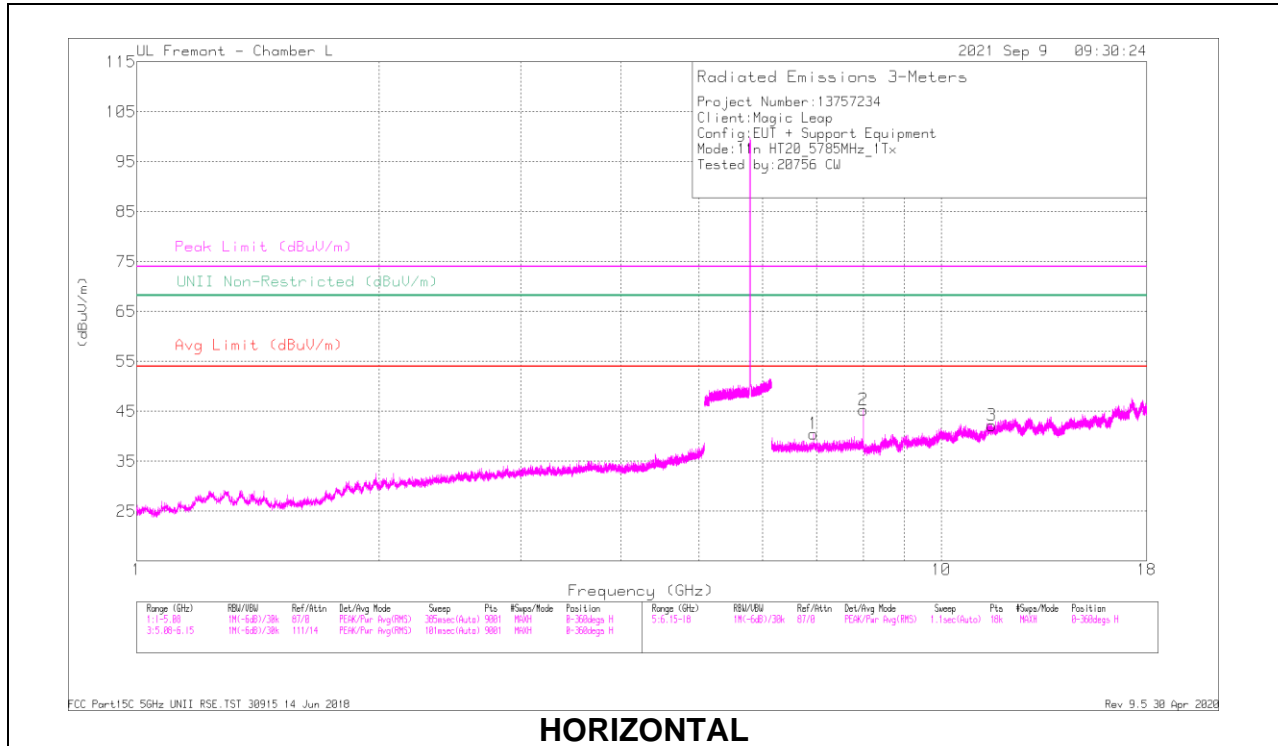
VERTICAL

RADIATED EMISSIONS

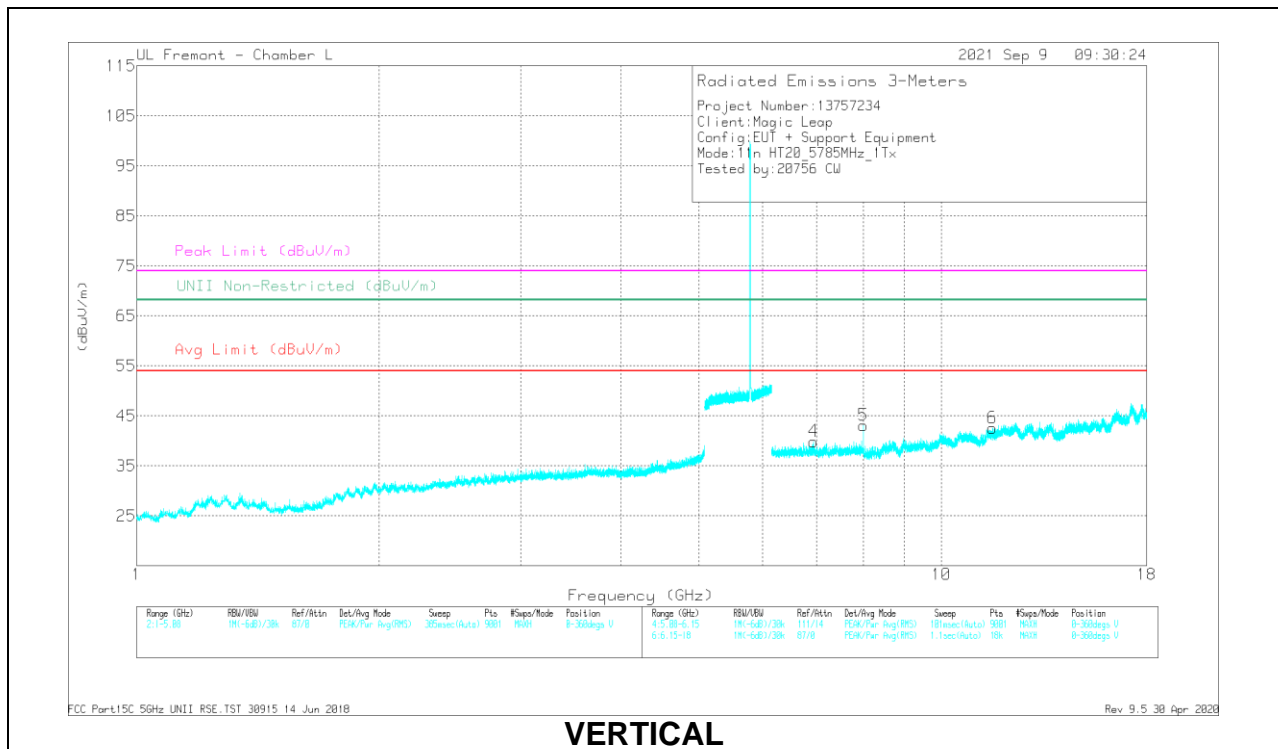
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.89426	35.02	PK-U	35.7	-21.1	49.62	-	-	-	-	68.2	-18.58	292	101	H
2	7.99993	31.91	PK-U	35.8	-18.6	49.11	-	-	-	-	68.2	-19.09	83	101	H
3	* 11.49056	26.27	PK-U	38.5	-16.7	48.07	54	-	74	-25.93	-	-	287	272	H
	* 11.49056	15.98	ADR	38.5	-16.7	37.79	54	-16.21	-	-	-	-	287	272	H
4	6.89388	33.19	PK-U	35.7	-21.1	47.79	-	-	-	-	68.2	-20.41	273	159	V
5	8.00001	28.66	PK-U	35.8	-18.6	45.86	-	-	-	-	68.2	-22.34	194	101	V
6	* 11.50215	26.89	PK-U	38.5	-16.7	48.69	-	-	74	-25.31	-	-	353	259	V
	* 11.50187	16.72	ADR	38.5	-16.7	38.52	54	-15.48	-	-	-	-	353	259	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

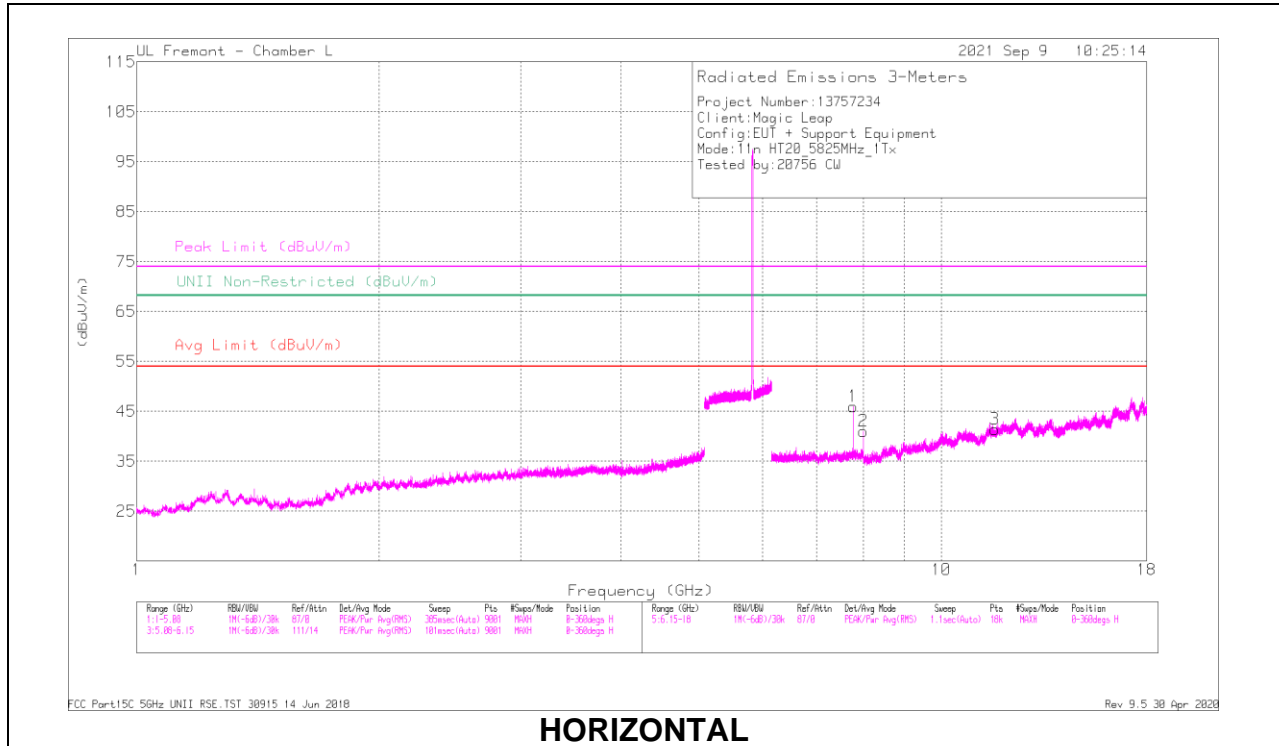
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Ch/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.94337	31.89	PK-U	35.6	-20.1	47.39	-	-	-	-	68.2	-20.81	281	105	H
2	7.99996	30.85	PK-U	35.8	-18.6	48.05	-	-	-	-	68.2	-20.15	83	102	H
3	* 11.55087	26.1	PK-U	38.7	-16.6	48.2	-	-	74	-25.8	-	-	12	199	H
	* 11.55087	16.45	ADR	38.7	-16.6	38.55	54	-15.45	-	-	-	-	12	199	H
4	6.9419	33.68	PK-U	35.6	-20.1	49.18	-	-	-	-	68.2	-19.02	211	309	V
5	7.99991	31.73	PK-U	35.8	-18.6	48.93	-	-	-	-	68.2	-19.27	196	102	V
6	* 11.573	26.09	PK-U	38.7	-16.5	48.29	-	-	74	-25.71	-	-	169	202	V
	* 11.57285	16.02	ADR	38.7	-16.5	38.22	54	-15.78	-	-	-	-	169	202	V

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

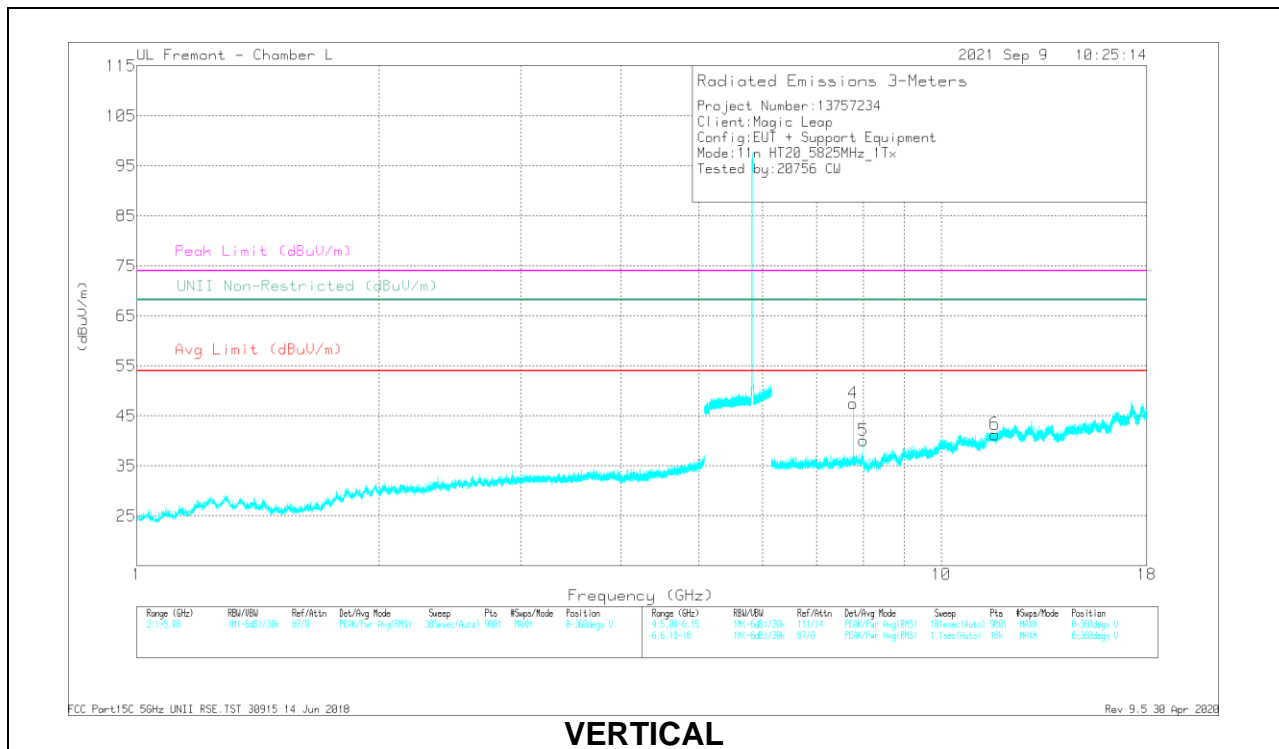
PK-U - U-NII: Maximum Peak

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/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	7.76668	32.46	PK-U	35.8	-19.8	48.46	-	-	-	-	68.2	-19.74	236	221	H
2	8.00001	33.21	PK-U	35.8	-18.6	50.41	-	-	-	-	68.2	-17.79	81	102	H
3	* 11.65332	25.96	PK-U	38.9	-16.5	49.36	-	-	74	-25.64	-	-	152	102	H
	* 11.65316	15.11	ADR	38.9	-16.5	37.51	54	-16.49	-	-	-	-	152	102	H
4	7.76666	32.46	PK-U	35.8	-19.8	48.46	-	-	-	-	68.2	-19.74	236	242	V
5	8.00001	32.77	PK-U	35.8	-18.6	49.97	-	-	-	-	68.2	-18.23	32	104	V
6	* 11.66059	27.22	PK-U	38.9	-16.5	49.62	-	-	74	-24.38	-	-	138	202	V
	* 11.6608	16.4	ADR	38.9	-16.5	38.8	54	-15.2	-	-	-	-	138	202	V

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

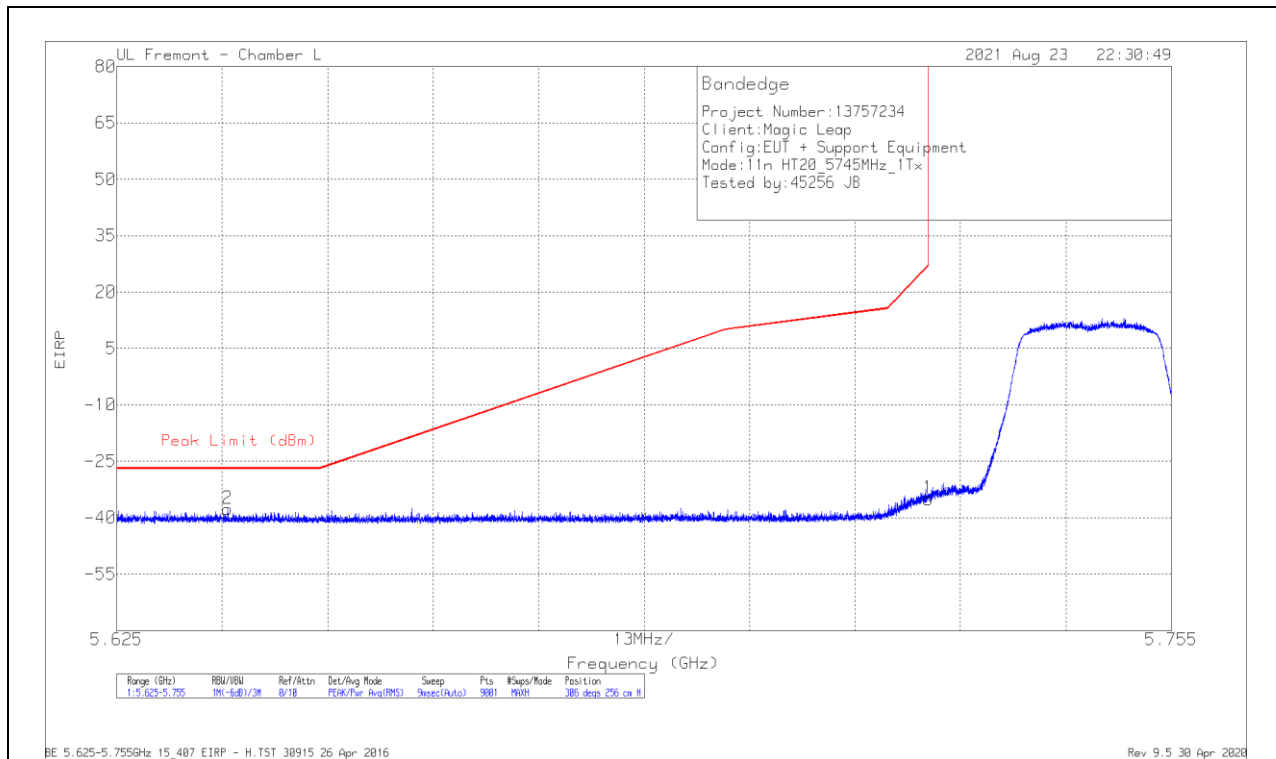
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL)

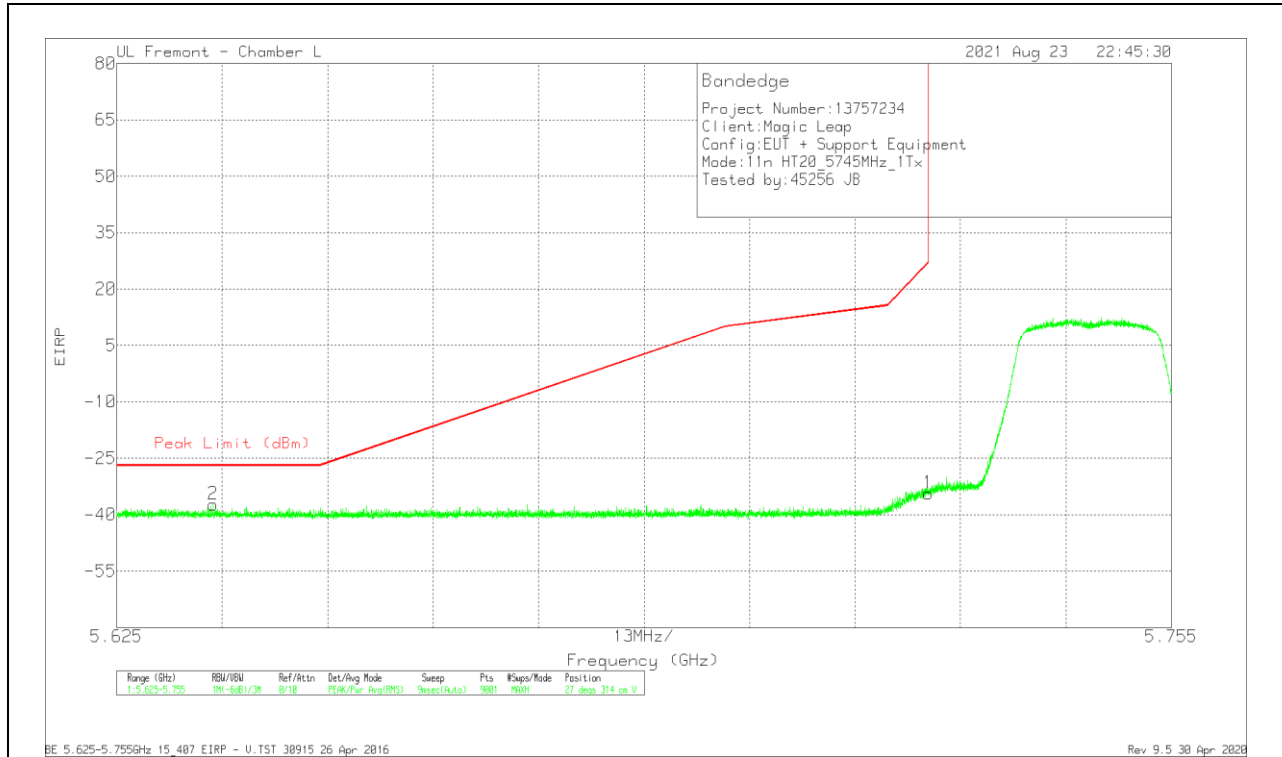
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (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	-67.69	Pk	34.8	-13.9	11.8	-34.99	26.99	-61.98	306	256	H
2	5.63869	-70.38	Pk	34.8	-13.9	11.8	-37.68	-27	-10.68	306	256	H

Pk - Peak detector

VERTICAL RESULT

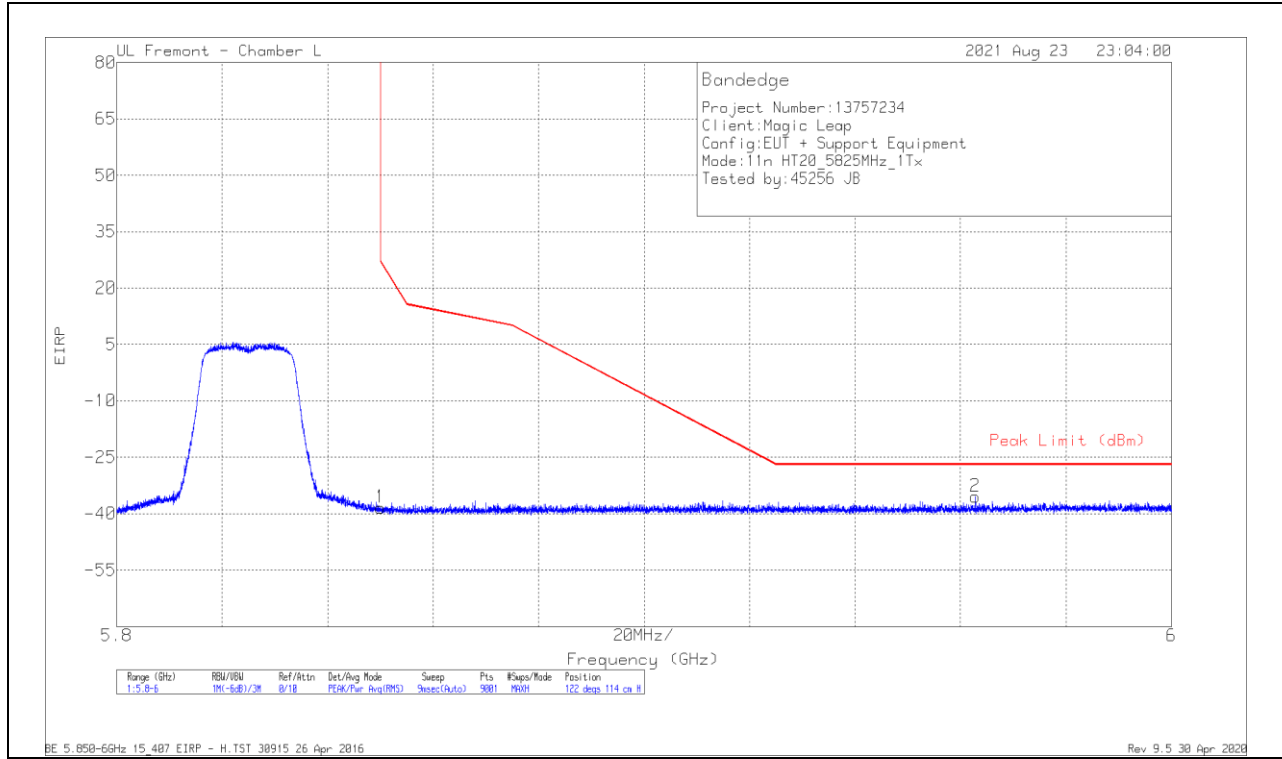


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-67.06	PK	34.8	-13.9	11.8	-34.36	26.99	-61.35	27	314	V
2	5.63689	-70.06	PK	34.8	-13.9	11.8	-37.36	-27	-10.36	27	314	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

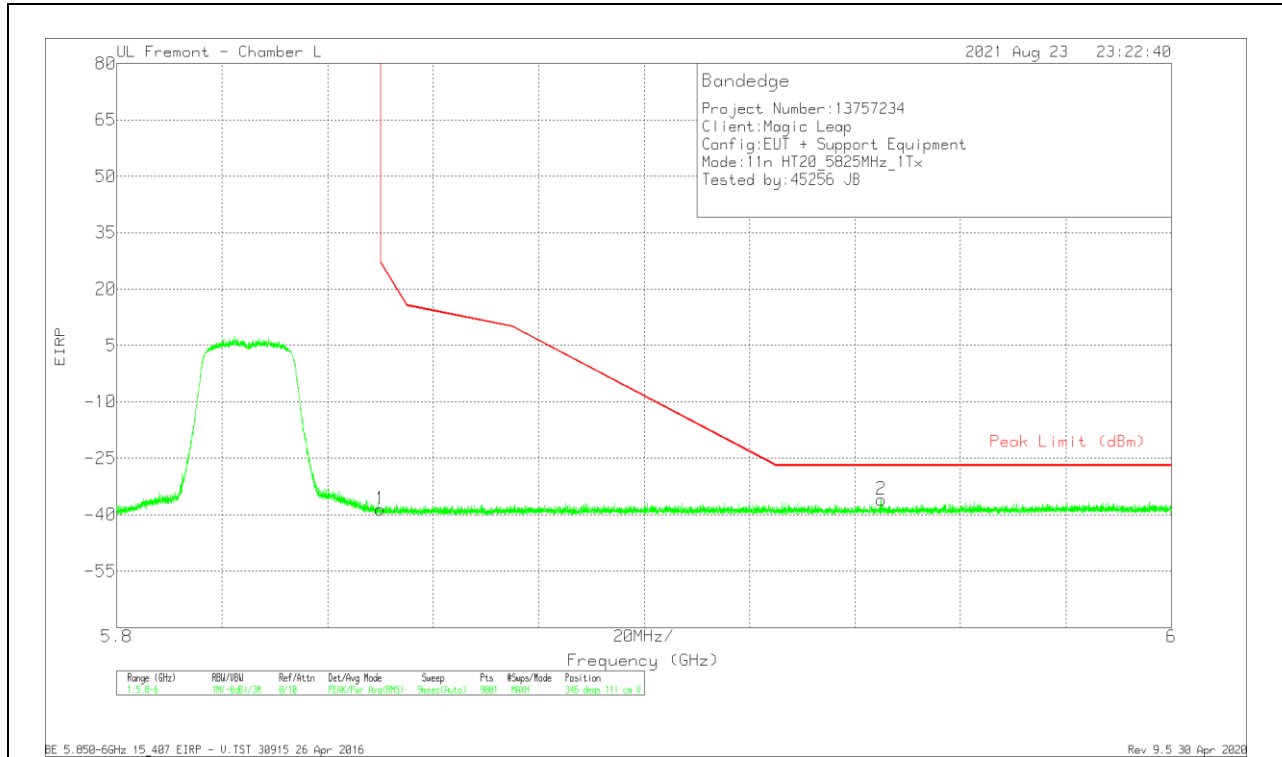
HORIZONTAL RESULT



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	-71.2	Pk	34.9	-13.9	11.8	-38.4	26.95	-65.35	122	114	H
2	5.96284	-69.03	Pk	35.1	-13.4	11.8	-35.53	-27	-8.53	122	114	H

Pk - Peak detector

VERTICAL RESULT

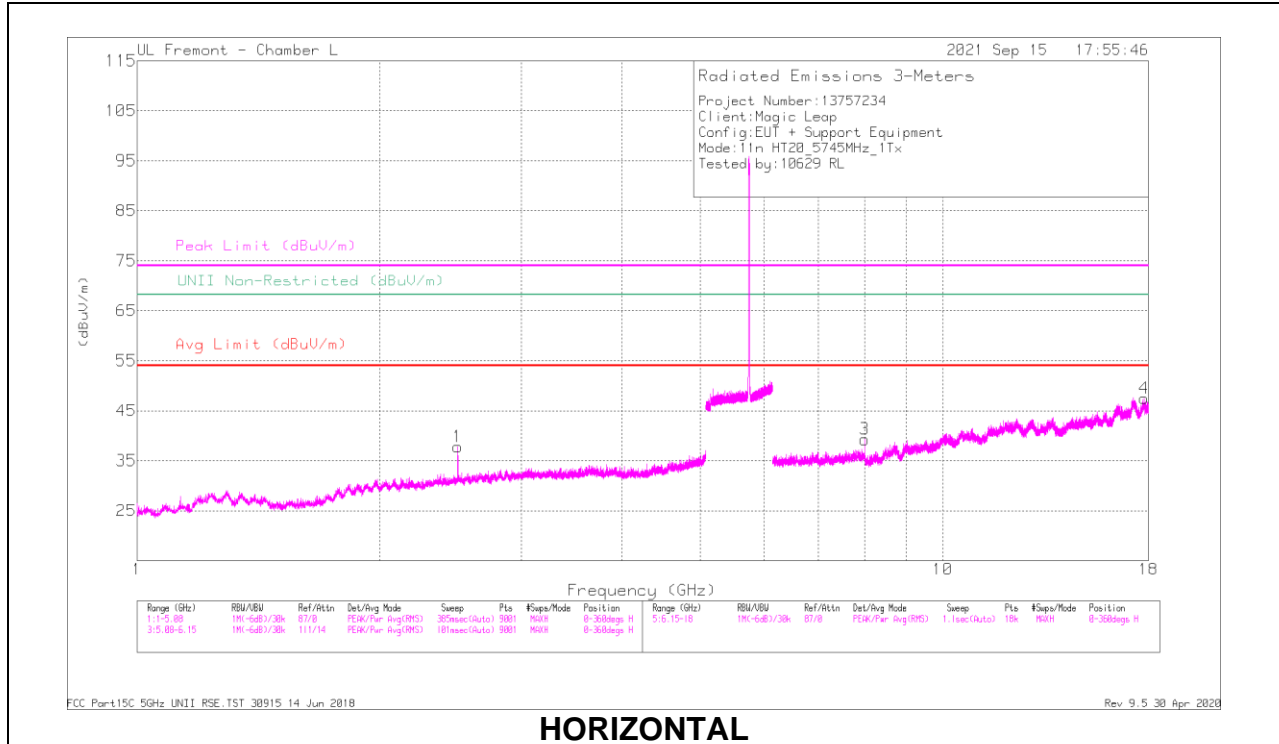


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-71.37	PK	34.9	-13.9	11.8	-38.57	26.95	-65.52	346	111	V
2	5.94493	-69.48	PK	35.1	-13.5	11.8	-36.08	-27	-9.08	346	111	V

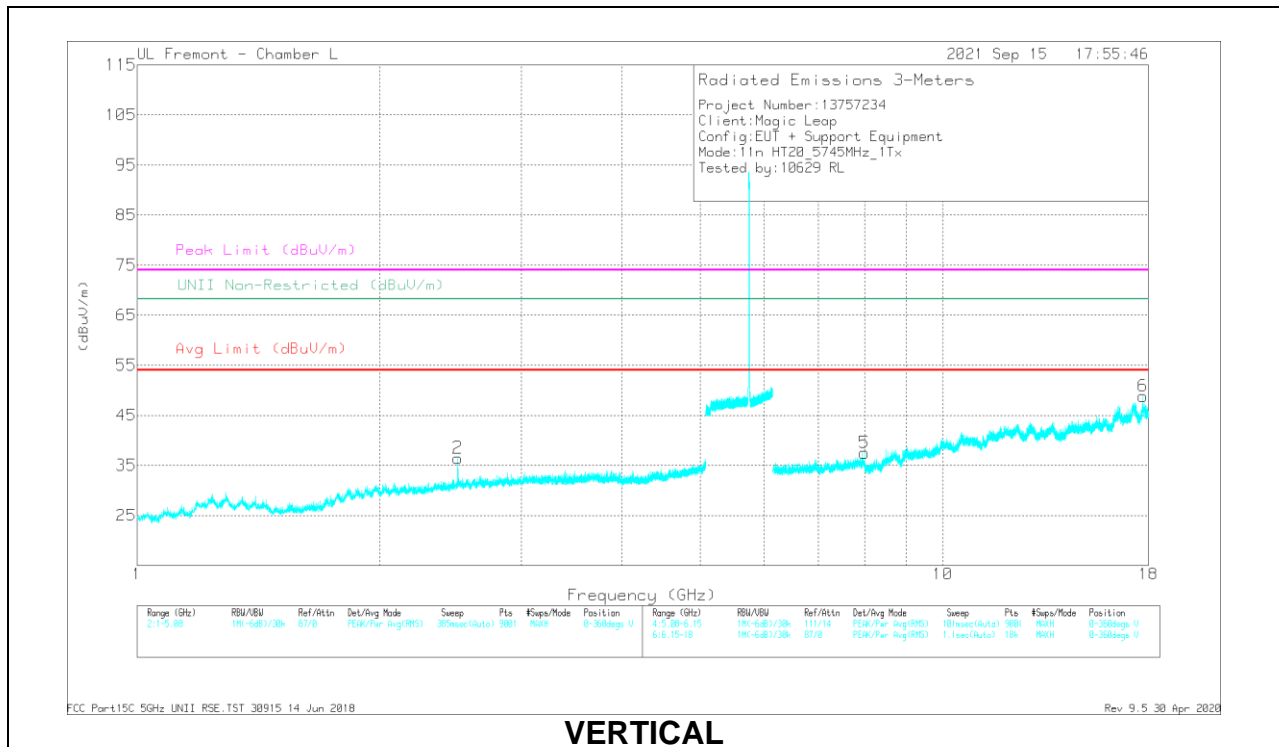
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



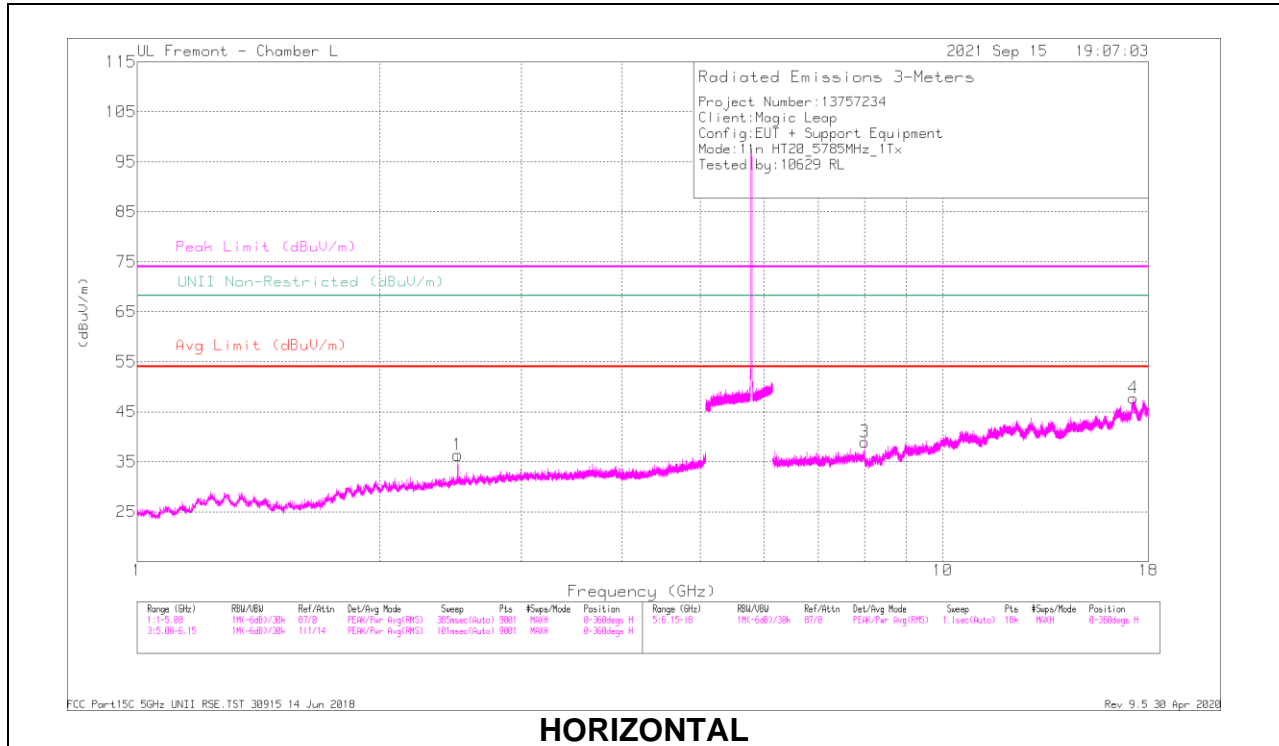
VERTICAL

RADIATED EMISSIONS

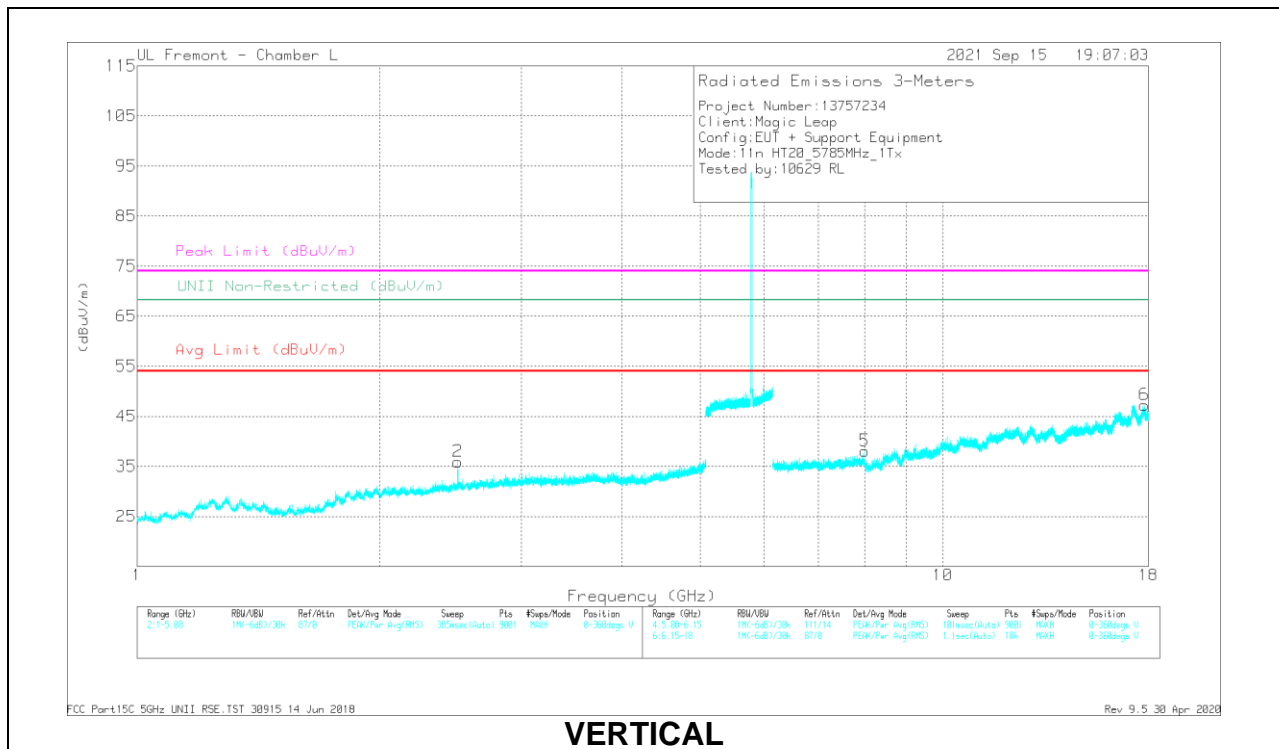
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49996	41.15	PK-U	32.4	-29.1	44.45	-	-	74	-29.55	-	-	173	112	H
	* 2.49999	33.87	ADR	32.4	-29.1	37.17	54	-16.83	-	-	-	-	173	112	H
2	* 2.49999	41.32	PK-U	32.4	-29.1	44.62	-	-	74	-29.38	-	-	62	319	V
	* 2.49996	34.22	ADR	32.4	-29.1	37.52	54	-16.48	-	-	-	-	62	319	V
3	7.99998	29.72	PK-U	35.8	-18.6	46.92	-	-	-	-	68.2	-21.28	268	106	H
4	* 17.78045	27.27	PK-U	41.3	-13.7	54.87	-	-	74	-19.13	-	-	311	178	H
	* 17.77998	15.83	ADR	41.3	-13.7	43.43	54	-10.57	-	-	-	-	311	178	H
5	7.99391	28.69	PK-U	35.8	-18.8	45.69	-	-	-	-	68.2	-22.51	41	179	V
6	* 17.71108	27.44	PK-U	41.3	-14.4	54.34	-	-	74	-19.66	-	-	126	231	V
	* 17.71203	16.96	ADR	41.3	-14.4	43.86	54	-10.14	-	-	-	-	126	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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

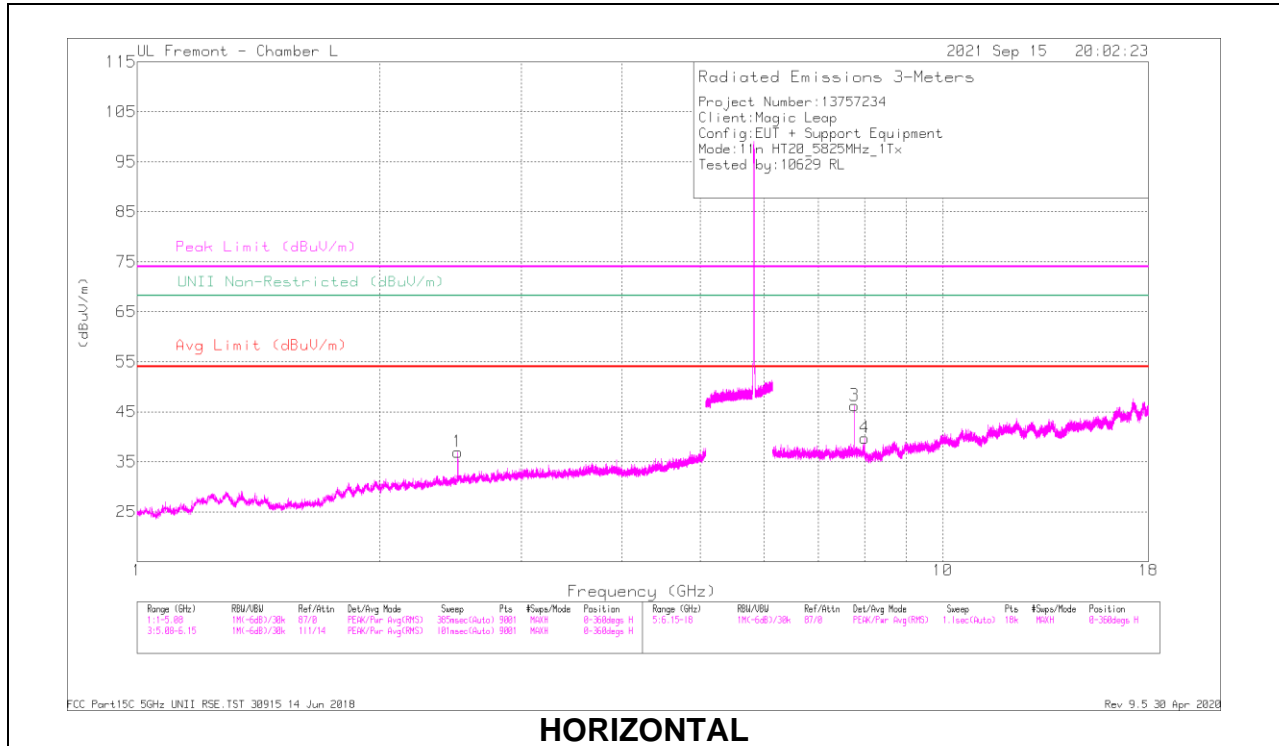
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49988	40.97	PK-U	32.4	-29.1	44.27	-	-	74	-29.73	-	-	174	112	H
	* 2.49998	33.44	ADR	32.4	-29.1	36.74	54	-17.26	-	-	-	-	174	112	H
2	* 2.49996	41.34	PK-U	32.4	-29.1	44.64	-	-	74	-29.36	-	-	64	319	V
	* 2.49993	34.57	ADR	32.4	-29.1	37.87	54	-16.13	-	-	-	-	64	319	V
3	8.00013	28.68	PK-U	35.8	-18.6	45.88	-	-	-	-	68.2	-22.32	209	103	H
4	17.2427	27.44	PK-U	41	-14.7	53.74	-	-	-	-	68.2	-14.46	160	261	H
5	8.00011	30.25	PK-U	35.8	-18.6	47.45	-	-	-	-	68.2	-20.75	168	184	V
6	* 17.79229	26.6	PK-U	41.3	-13.9	54	-	-	74	-20	-	-	75	199	V
	* 17.79558	15.77	ADR	41.2	-14.1	42.87	54	-11.13	-	-	-	-	75	199	V

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

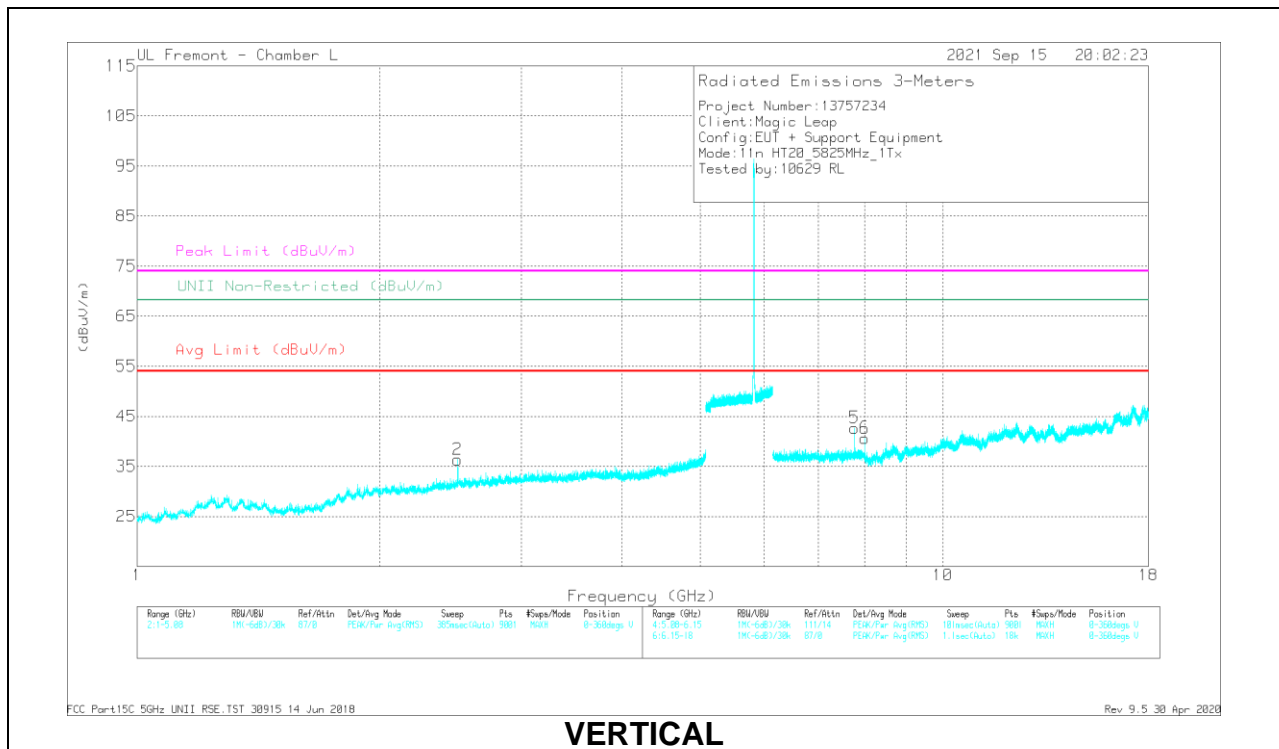
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

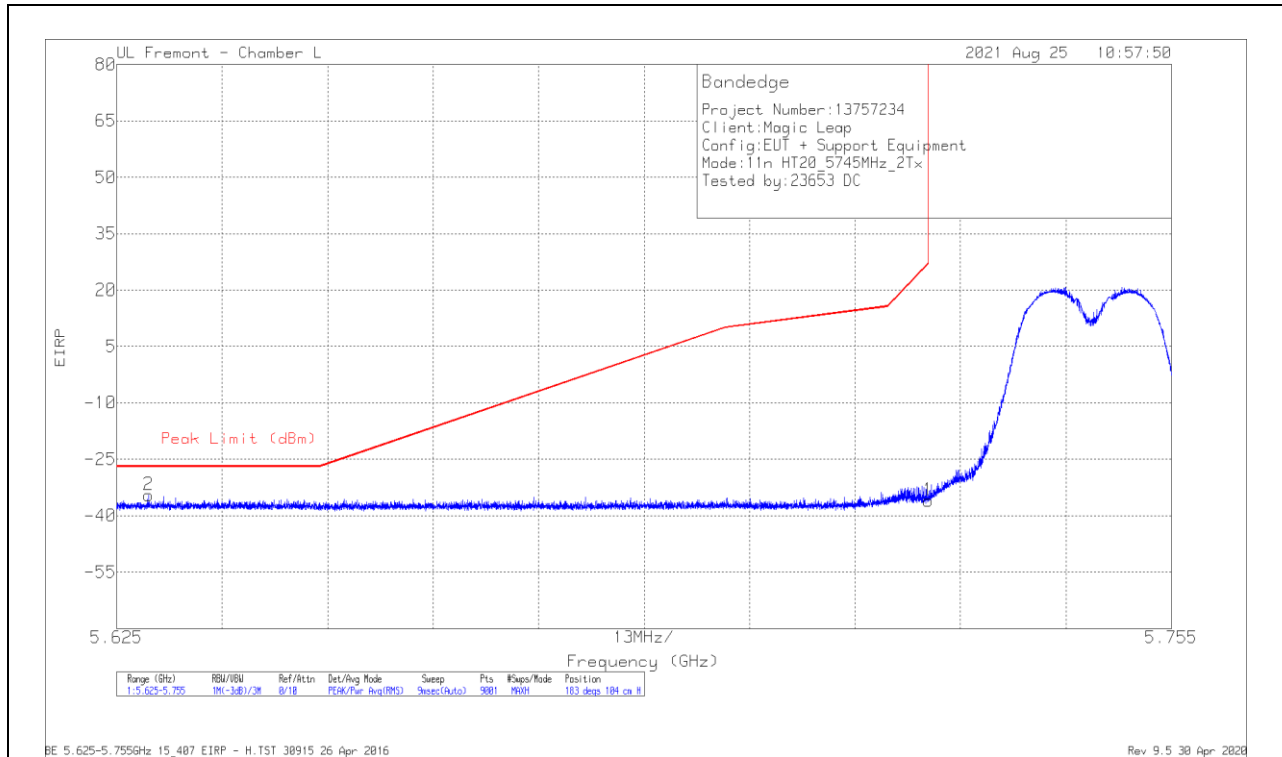
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49993	41.26	PK-U	32.4	-29.1	44.56	-	-	74	-29.44	-	-	173	115	H
	* 2.49998	33.53	ADR	32.4	-29.1	36.83	54	-17.17	-	-	-	-	173	115	H
2	* 2.49989	40.81	PK-U	32.4	-29.1	44.11	-	-	74	-29.89	-	-	66	321	V
	* 2.49999	34.38	ADR	32.4	-29.1	37.68	54	-16.32	-	-	-	-	66	321	V
3	7.76668	34.45	PK-U	35.8	-19.8	50.45	-	-	-	-	68.2	-17.75	332	218	H
4	8.0001	31.07	PK-U	35.8	-18.6	48.27	-	-	-	-	68.2	-19.93	214	108	H
5	7.7666	30.37	PK-U	35.8	-19.8	46.37	-	-	-	-	68.2	-21.83	184	183	V
6	8.00026	27.78	PK-U	35.8	-18.6	44.98	-	-	-	-	68.2	-23.22	203	241	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)

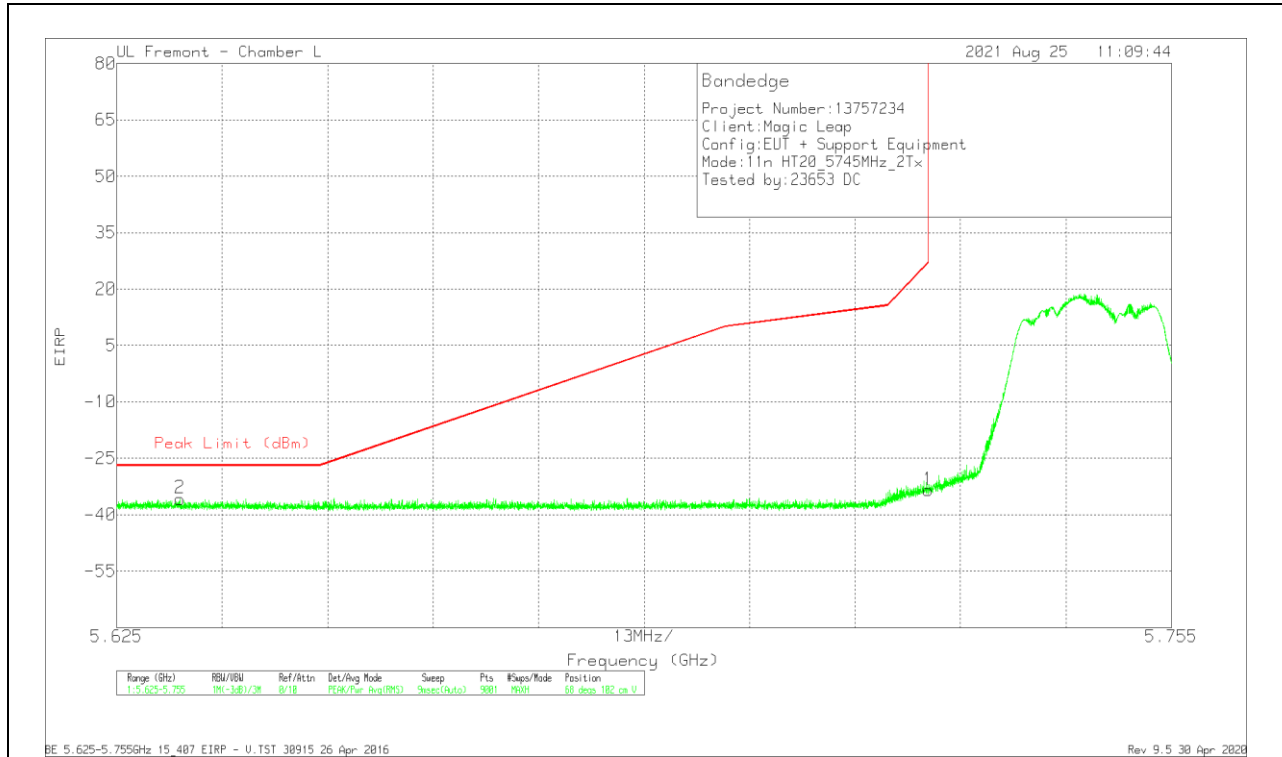
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (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	-68.7	Pk	34.8	-13.9	11.8	-36	26.99	-62.99	183	104	H
2	5.62894	-67.28	Pk	34.9	-13.9	11.8	-34.48	-27	-7.48	183	104	H

Pk - Peak detector

VERTICAL RESULT

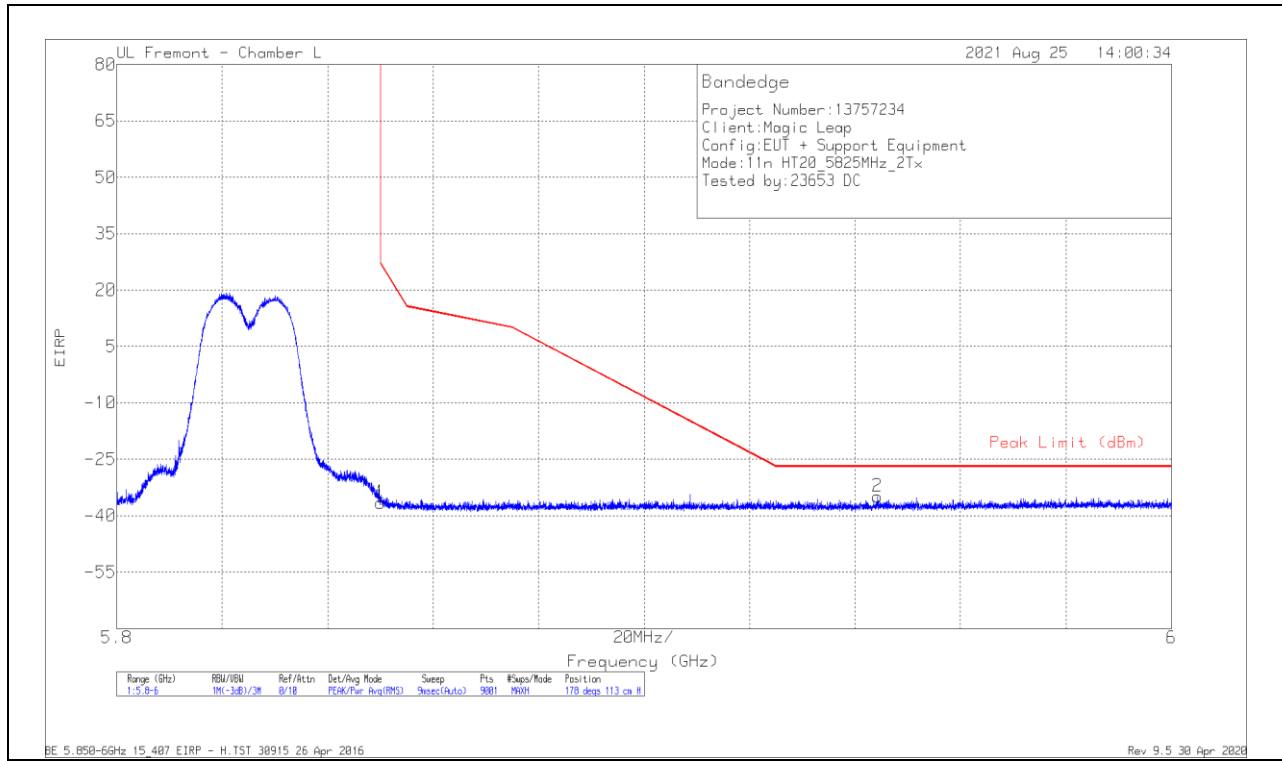


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.15	Pk	34.8	-13.9	11.8	-33.45	26.99	-60.44	68	102	V
2	5.63276	-68.43	Pk	34.8	-13.9	11.8	-35.73	-27	-8.73	68	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

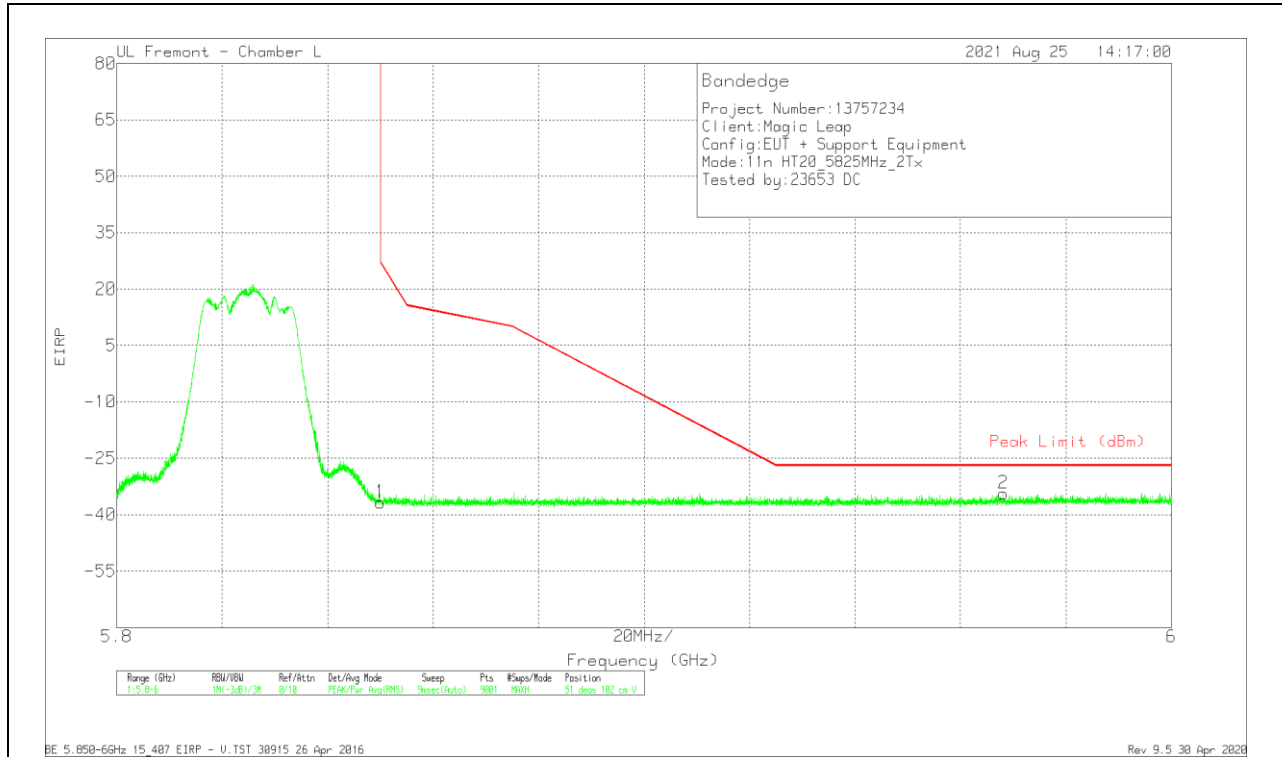
HORIZONTAL RESULT



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	-69.4	Pk	34.9	-13.9	11.8	-36.6	26.95	-63.55	178	113	H
2	5.94431	-68.38	Pk	35.1	-13.5	11.8	-34.98	-27	-7.98	178	113	H

Pk - Peak detector

VERTICAL RESULT

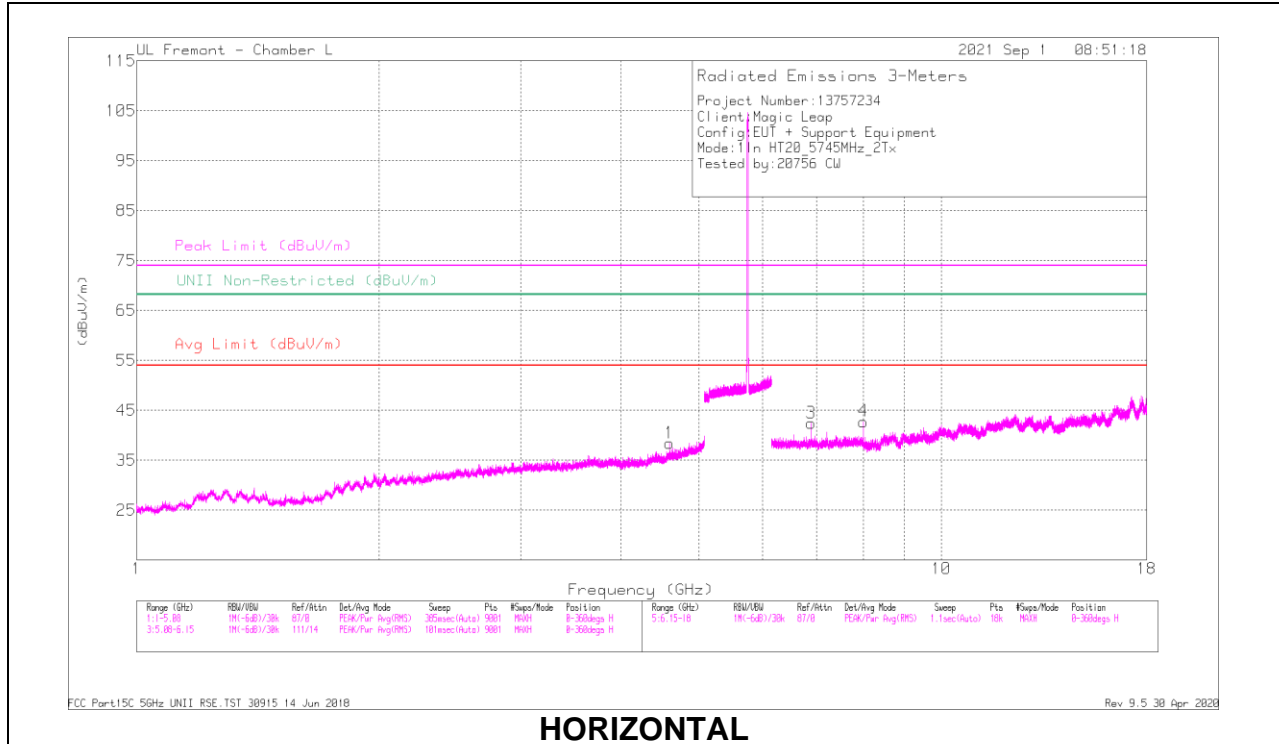


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.55	PK	34.9	-13.9	11.8	-36.75	26.95	-63.7	51	102	V
2	5.96813	-67.84	PK	35.1	-13.4	11.8	-34.34	-27	-7.34	51	102	V

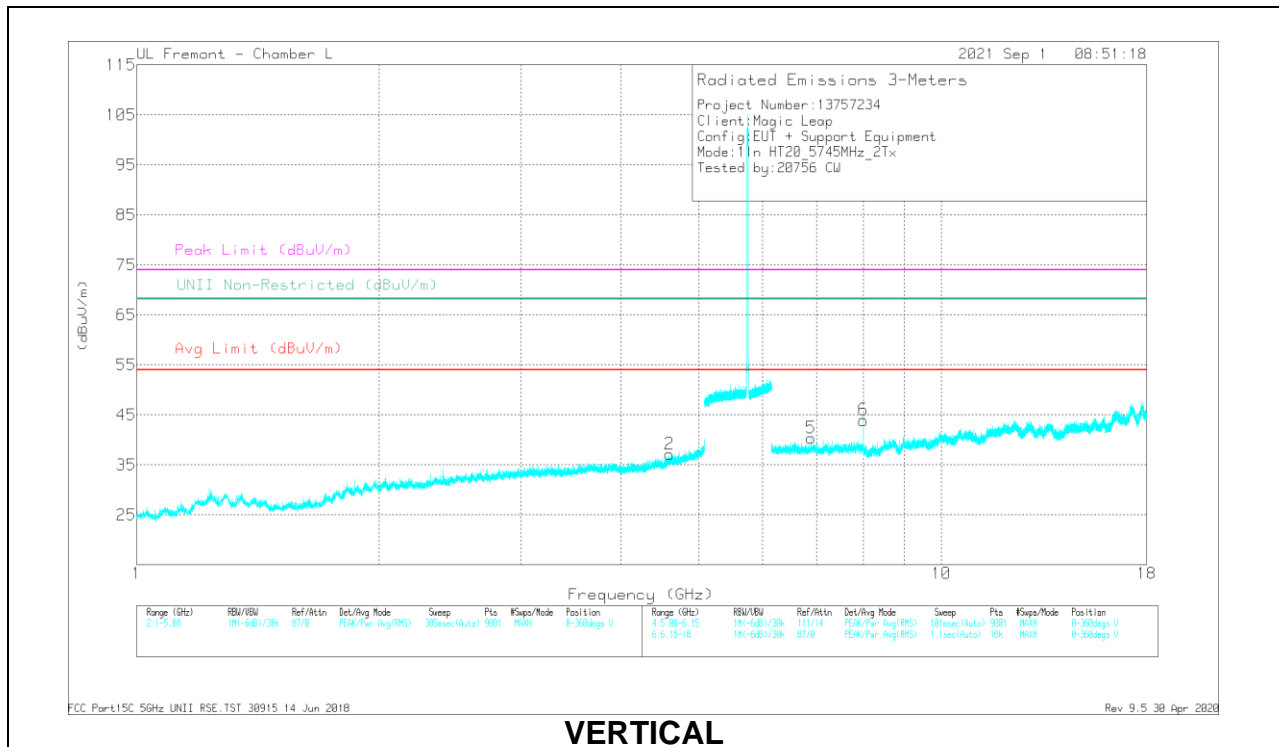
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

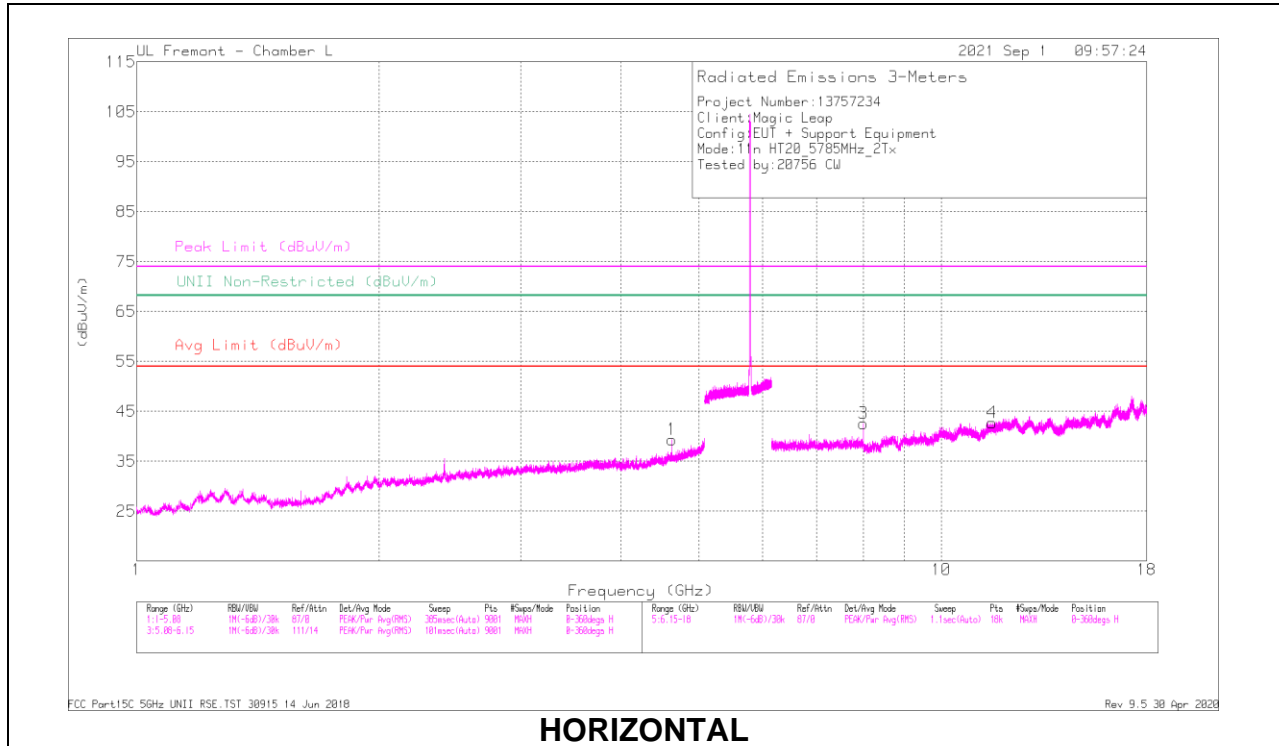
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.59587	36.09	PK-U	33.9	-24.5	45.49	-	-	74	-28.51	-	-	168	101	H
	* 4.59593	28.25	ADR	33.9	-24.5	37.65	54	-16.35	-	-	-	-	168	101	H
2	* 4.59536	34.67	PK-U	33.9	-24.5	44.07	-	-	74	-29.93	-	-	228	155	V
	* 4.59291	24.11	ADR	33.9	-24.4	33.61	54	-20.39	-	-	-	-	228	155	V
3	6.89389	34.16	PK-U	35.7	-21.1	48.76	-	-	-	-	68.2	-19.44	103	167	H
4	8.00001	33.36	PK-U	35.8	-18.6	50.56	-	-	-	-	68.2	-17.64	125	219	H
5	6.89381	34.31	PK-U	35.7	-21.1	48.91	-	-	-	-	68.2	-19.29	102	102	V
6	7.99989	31.95	PK-U	35.8	-18.6	49.15	-	-	-	-	68.2	-19.05	237	223	V

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

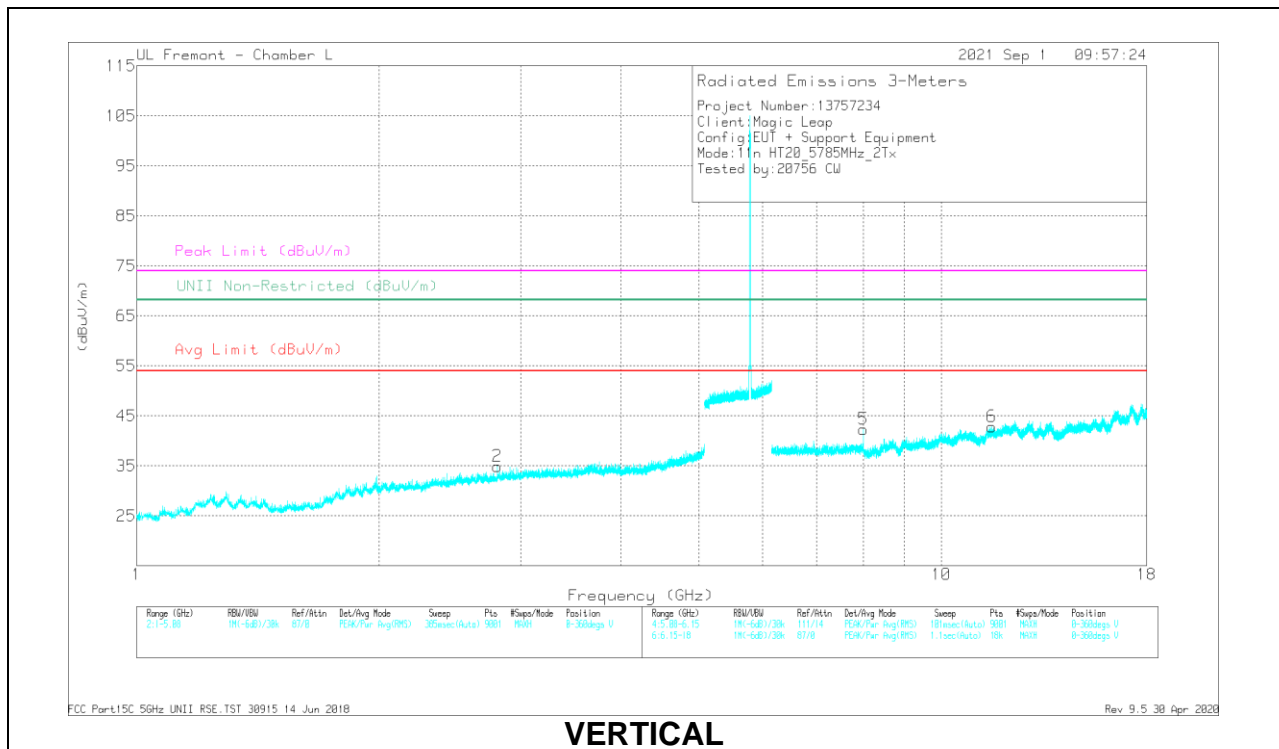
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



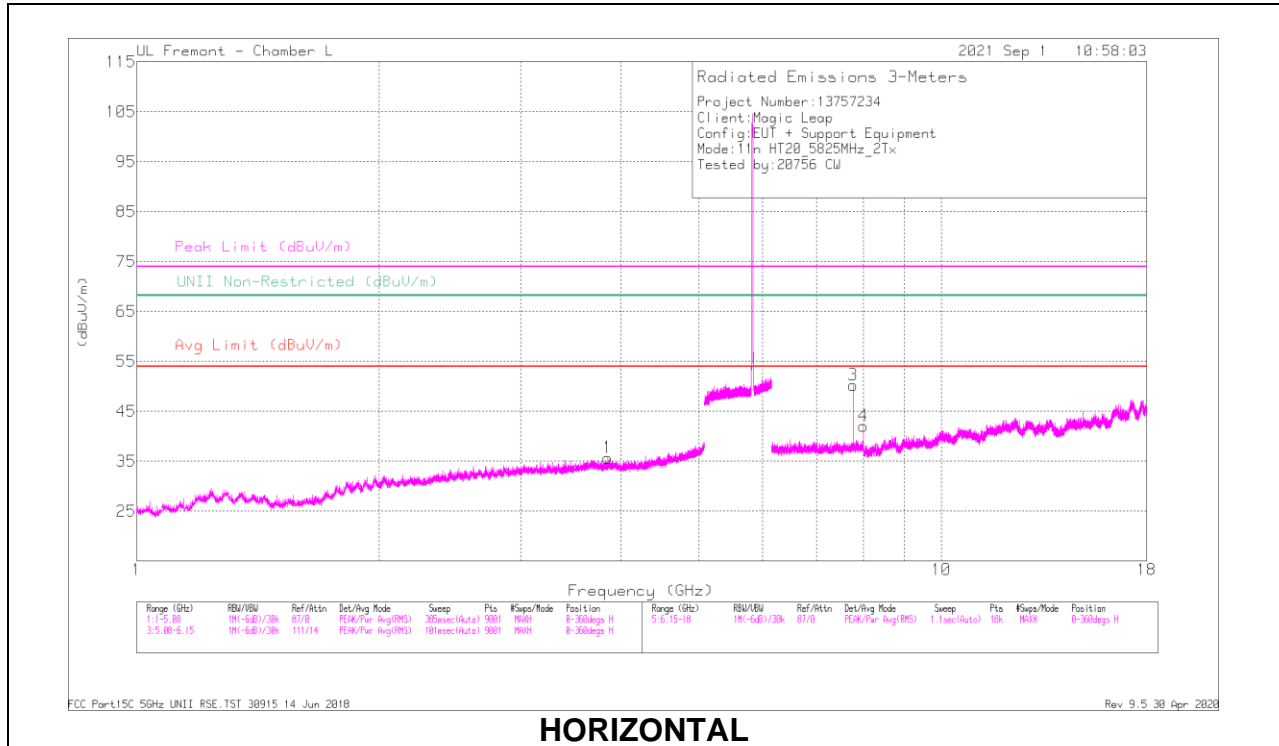
VERTICAL

RADIATED EMISSIONS

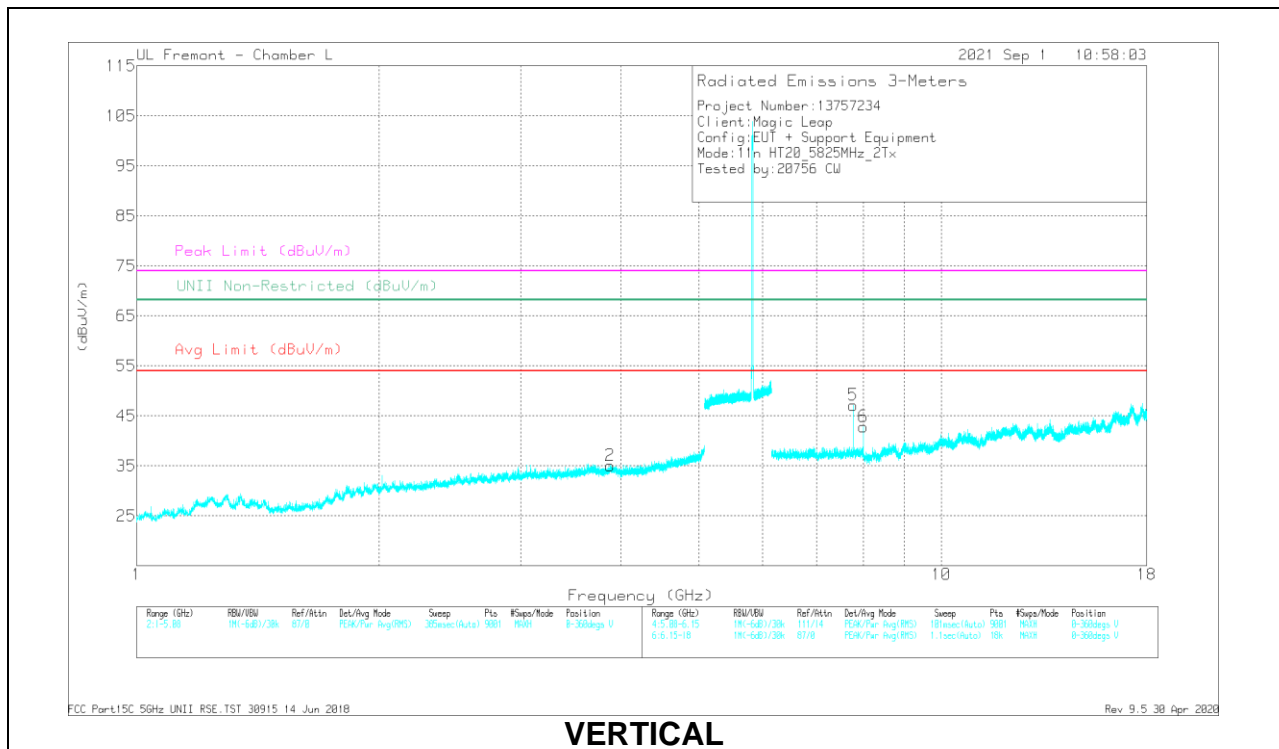
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.62977	34.91	PK-U	34	-24.6	44.31	-	-	74	-29.69	-	-	89	258	H
	* 4.62793	24.13	ADR	34	-24.6	33.53	54	-20.47	-	-	-	-	89	258	H
2	* 2.80944	37.02	PK-U	32.6	-27.9	41.72	-	-	74	-32.28	-	-	275	129	V
	* 2.80544	25.52	ADR	32.5	-27.9	30.12	54	-23.88	-	-	-	-	275	129	V
3	8.00013	31.42	PK-U	35.8	-18.6	48.62	-	-	-	-	68.2	-19.58	168	139	H
4	* 11.56561	27.84	PK-U	38.7	-16.4	50.14	-	-	74	-23.86	-	-	276	130	H
	* 11.56601	16.67	ADR	38.7	-16.4	38.97	54	-15.03	-	-	-	-	276	130	H
5	7.99999	32.21	PK-U	35.8	-18.6	49.41	-	-	-	-	68.2	-18.79	50	103	V
6	* 11.56133	27.16	PK-U	38.7	-16.5	49.36	-	-	74	-24.64	-	-	279	178	V
	* 11.56107	17.47	ADR	38.7	-16.5	39.67	54	-14.33	-	-	-	-	279	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

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	* 3.84867	34.44	PK-U	33.2	-26.1	41.54	-	-	74	-32.46	-	-	285	292	H
	* 3.84771	23.94	ADR	33.2	-26.1	31.04	54	-22.96	-	-	-	-	285	292	H
2	* 3.87621	34.2	PK-U	33.2	-25.7	41.7	-	-	74	-32.3	-	-	89	102	V
	* 3.87621	23.46	ADR	33.2	-25.7	30.96	54	-23.04	-	-	-	-	89	102	V
3	7.76667	35.8	PK-U	35.8	-19.8	51.8	-	-	-	-	68.2	-16.4	319	108	H
4	7.99984	30.6	PK-U	35.8	-18.6	47.8	-	-	-	-	68.2	-20.4	153	126	H
5	7.76661	33.31	PK-U	35.8	-19.8	49.31	-	-	-	-	68.2	-18.89	186	390	V
6	7.99998	30.74	PK-U	35.8	-18.6	47.94	-	-	-	-	68.2	-20.26	236	261	V

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

PK-U - U-NII: Maximum Peak

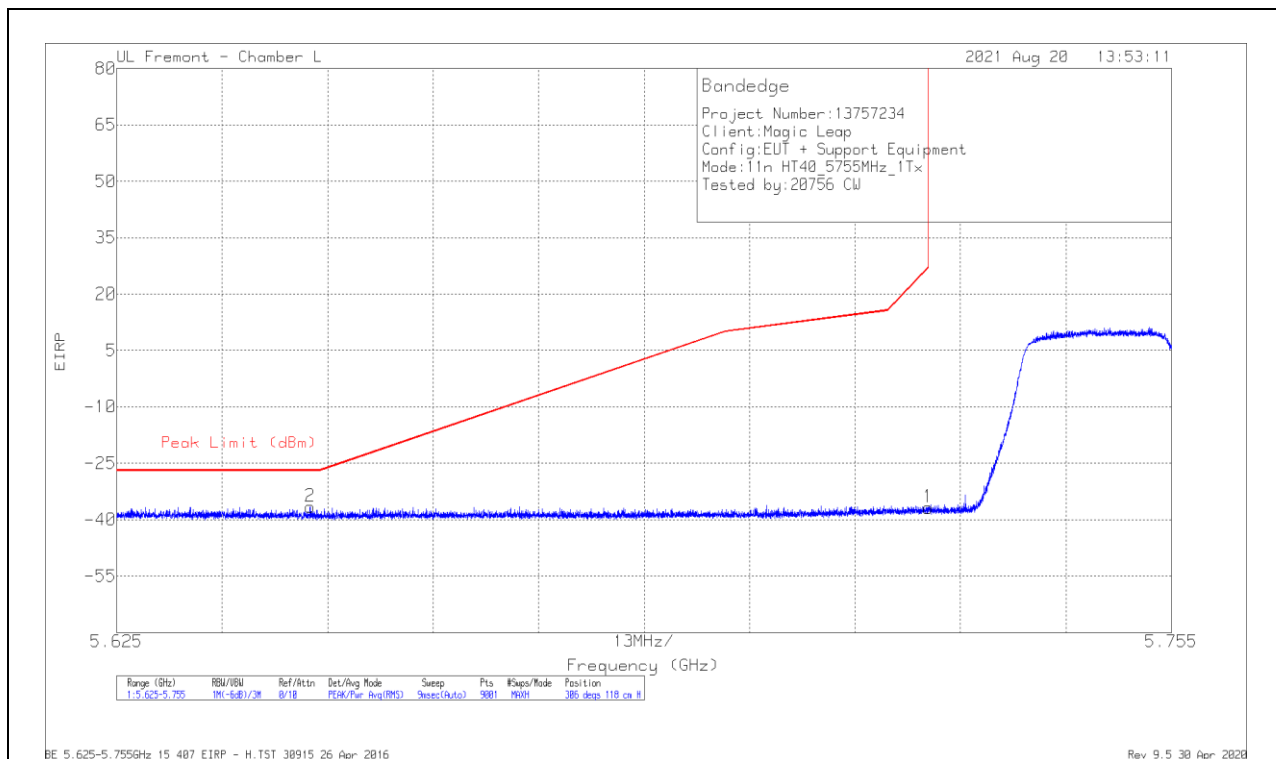
ADR - U-NII AD primary method, RMS average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

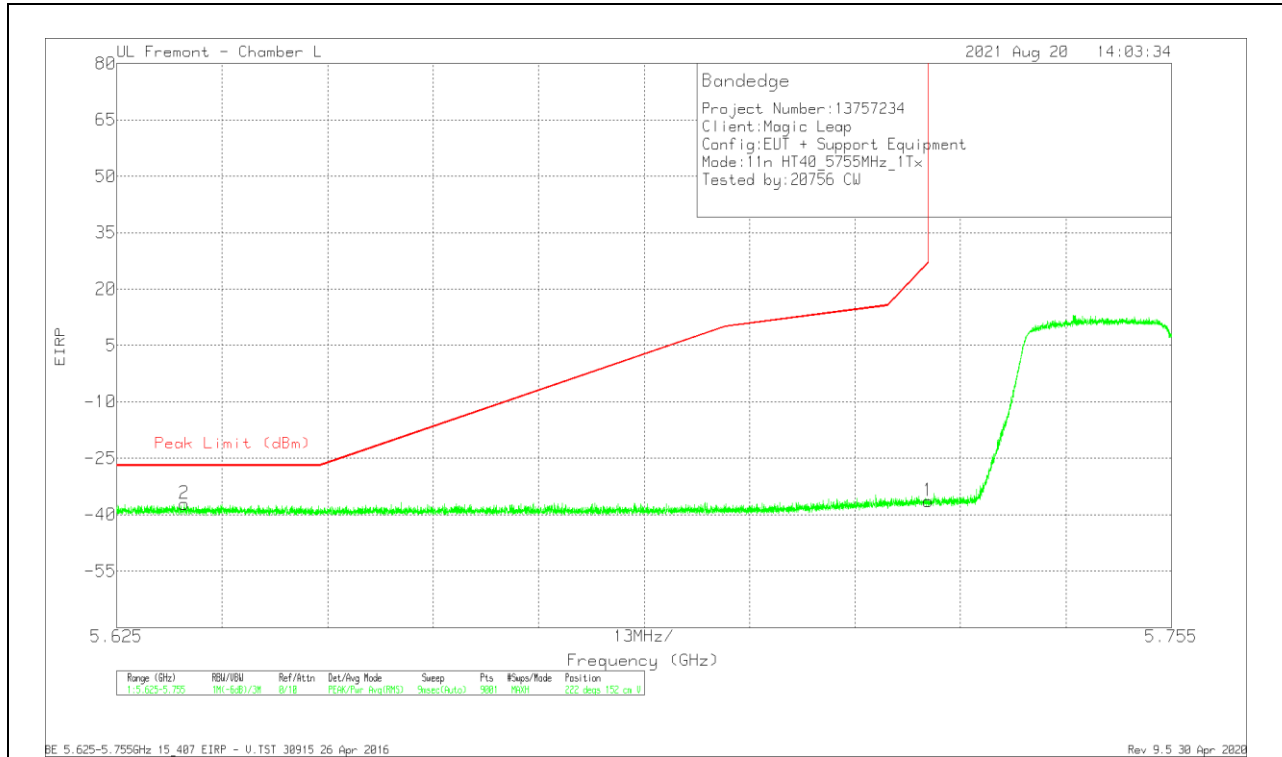
HORIZONTAL RESULT



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	-69.53	Pk	34.8	-13.9	11.8	-36.83	26.99	-63.82	306	118	H
2	5.64883	-69.32	Pk	34.8	-13.9	11.8	-36.62	-27	-9.62	306	118	H

Pk - Peak detector

VERTICAL RESULT

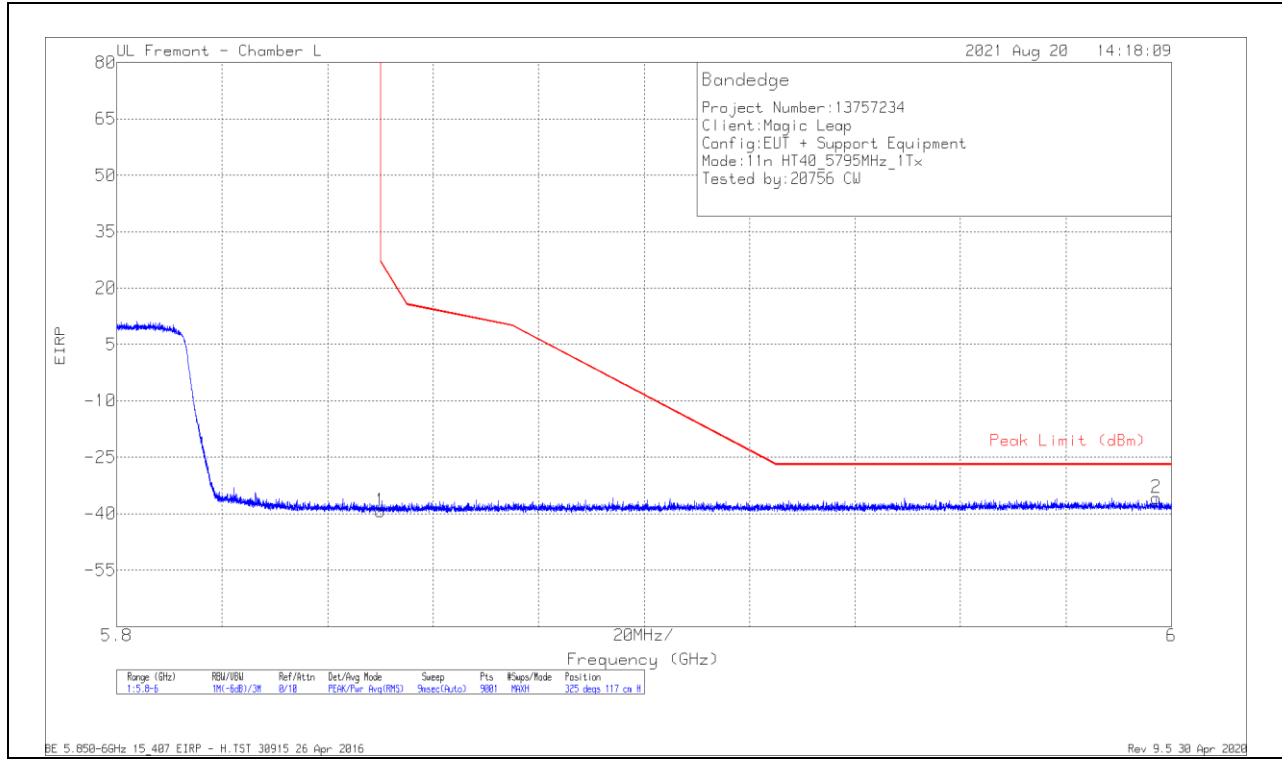


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-69.06	PK	34.8	-13.9	11.8	-36.36	26.99	-63.35	222	152	V
2	5.63332	-69.8	PK	34.8	-13.9	11.8	-37.1	-27	-10.1	222	152	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

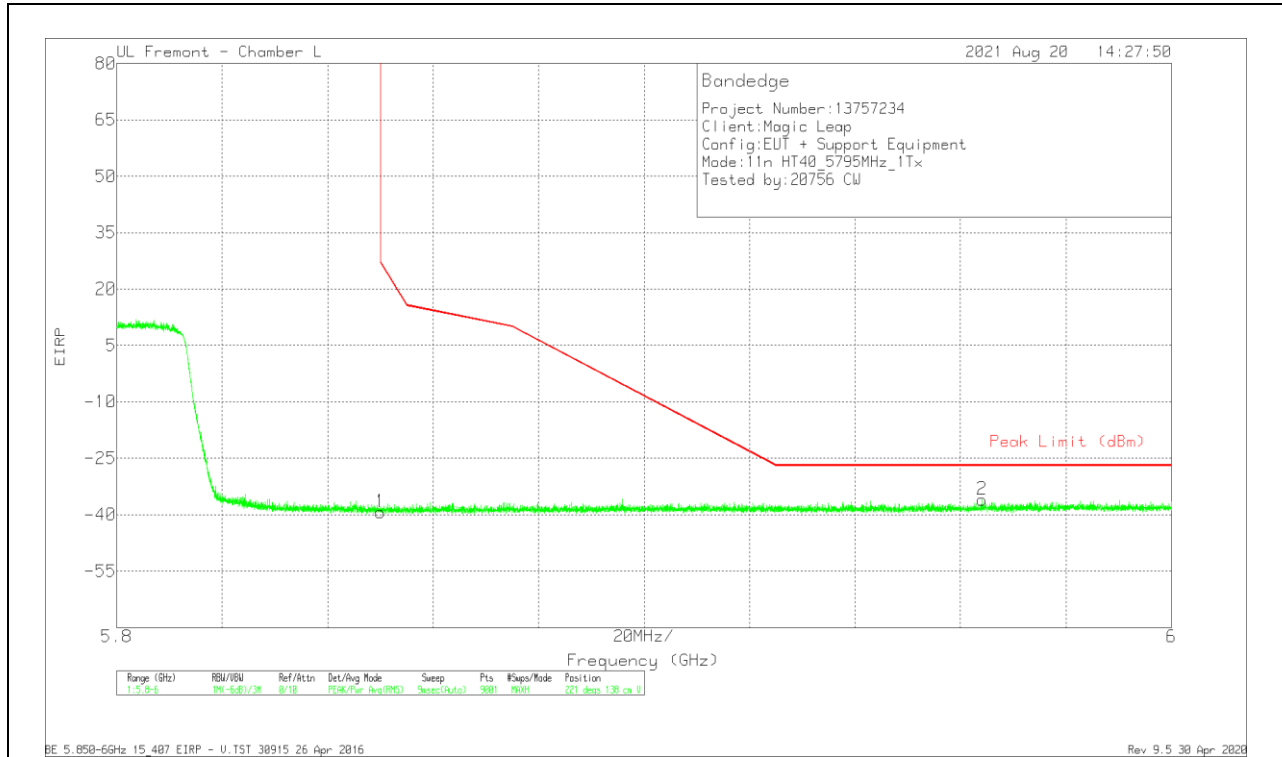
HORIZONTAL RESULT



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	-72.08	Pk	34.9	-13.9	11.8	-39.28	26.95	-66.23	325	117	H
2	5.99715	-69.58	Pk	35.2	-13.2	11.8	-35.78	-27	-8.78	325	117	H

Pk - Peak detector

VERTICAL RESULT

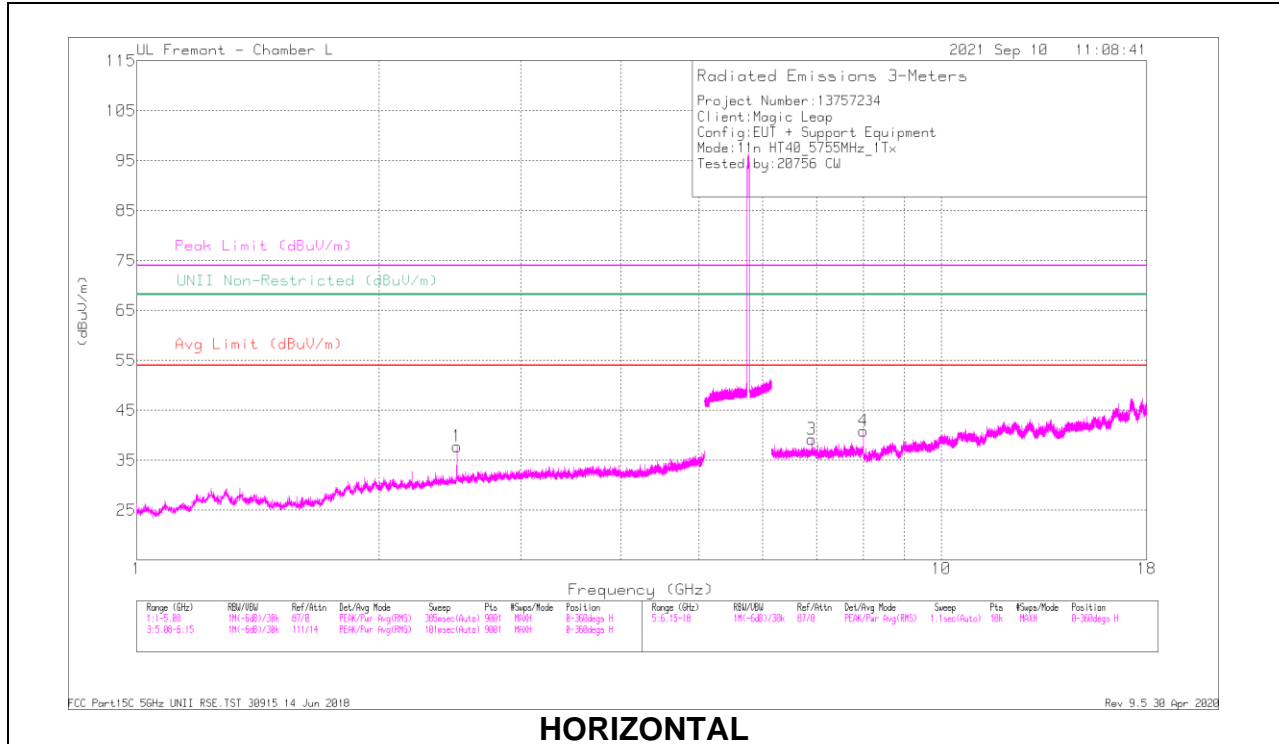


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-72.07	PK	34.9	-13.9	11.8	-39.27	26.95	-66.22	221	138	V
2	5.96413	-69.51	PK	35.1	-13.4	11.8	-36.01	-27	-9.01	221	138	V

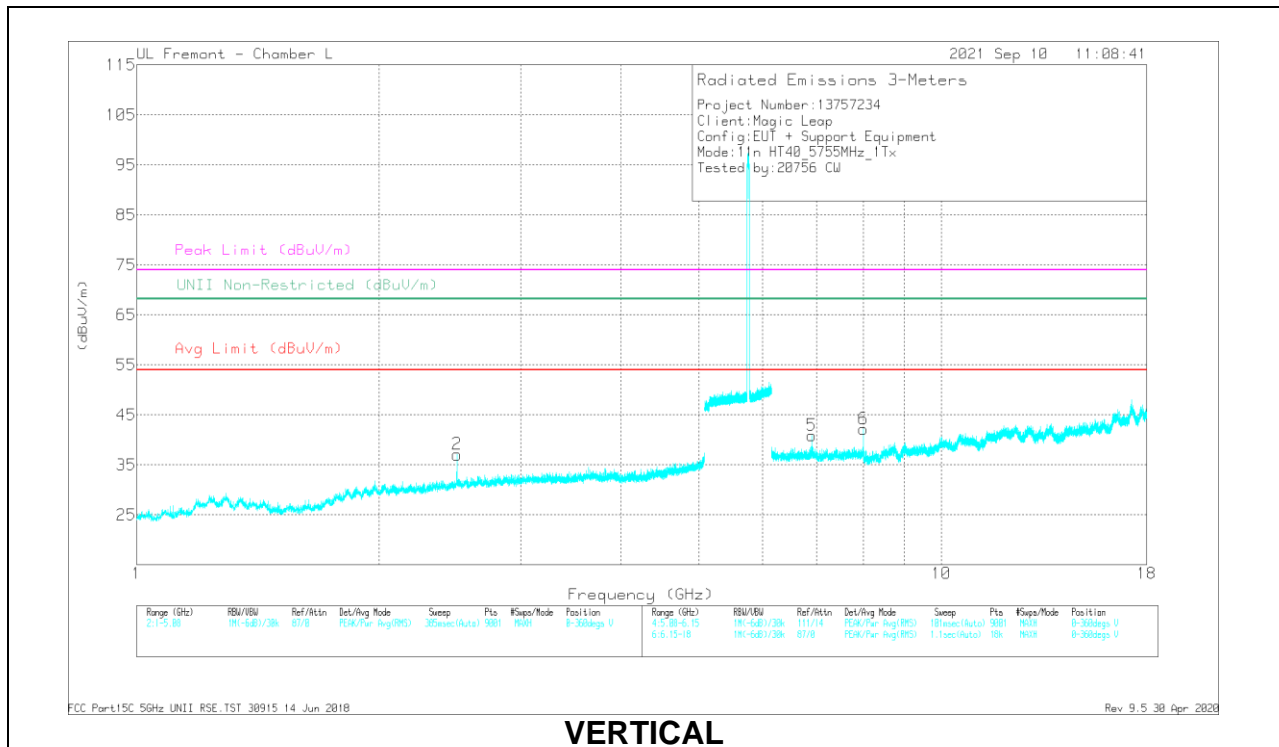
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



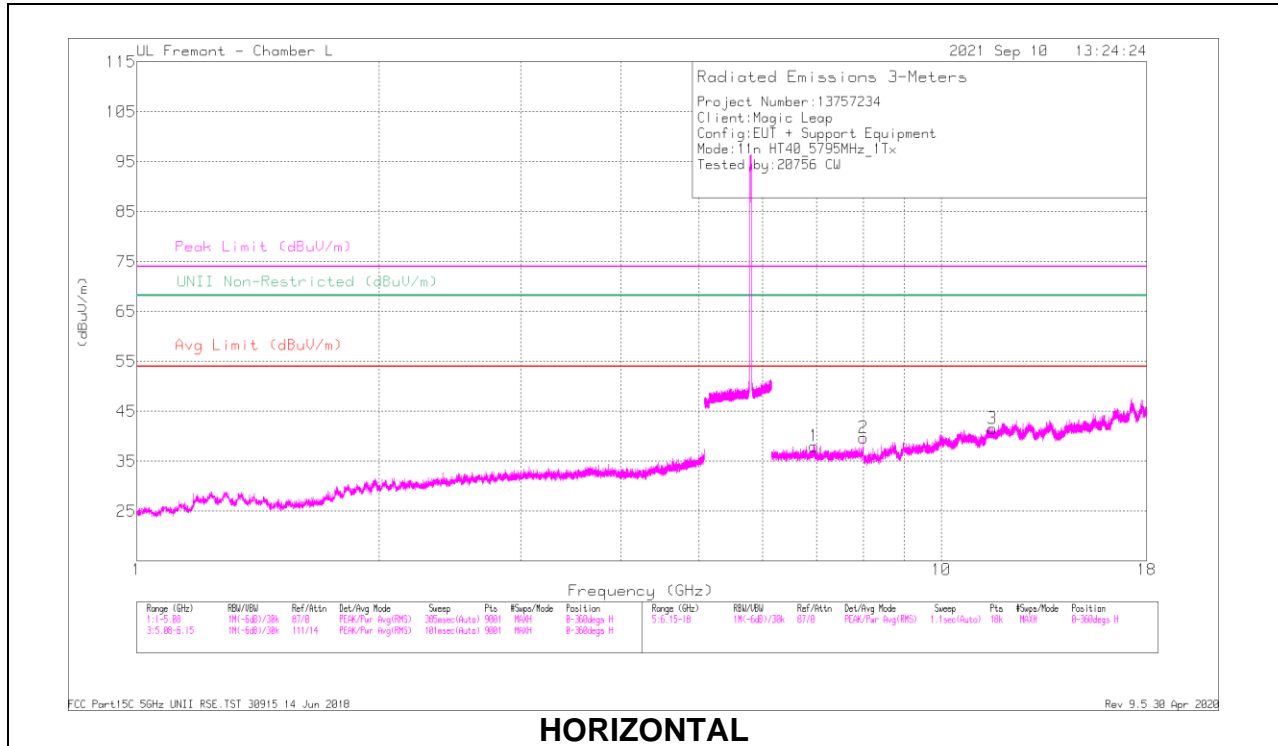
VERTICAL

RADIATED EMISSIONS

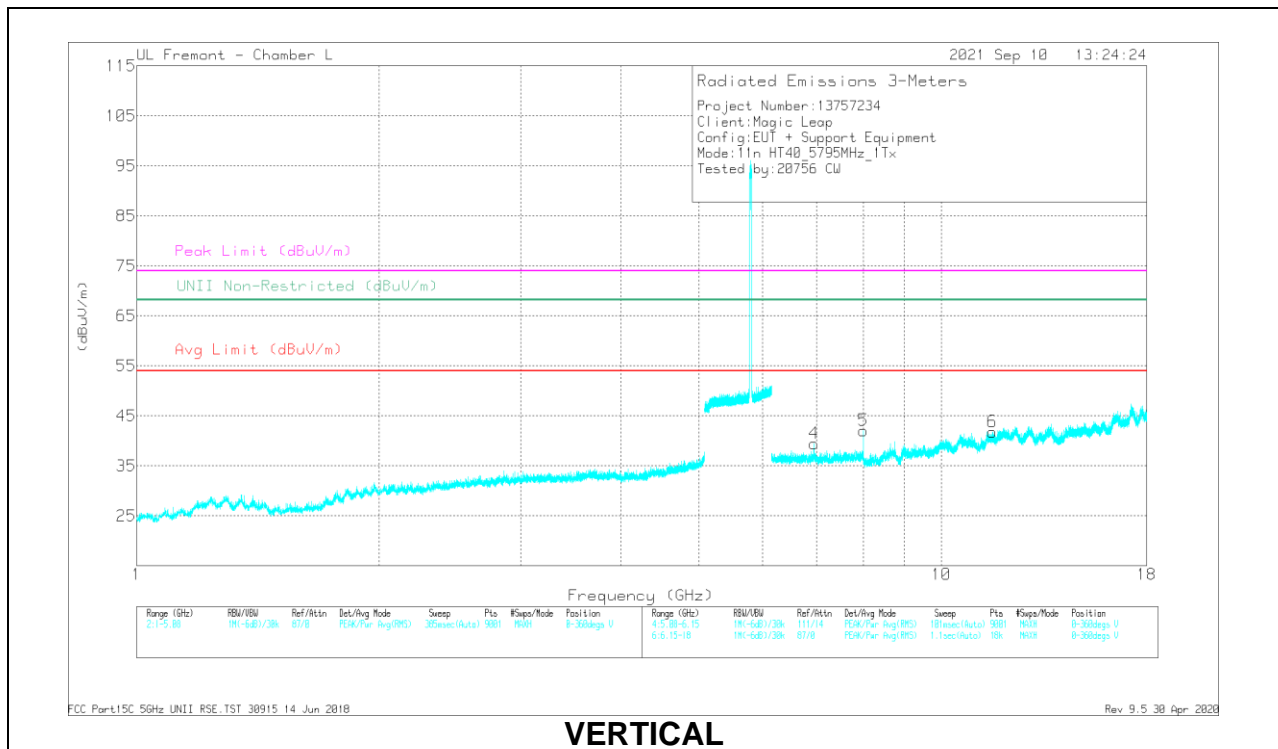
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49989	41.06	PK-U	32.4	-29.1	44.36	-	-	74	-29.64	-	-	165	314	H
	* 2.49996	33.18	ADR	32.4	-29.1	36.48	54	-17.52	-	-	-	-	165	314	H
2	* 2.49998	42.08	PK-U	32.4	-29.1	45.38	-	-	74	-28.62	-	-	126	216	V
	* 2.49986	34.76	ADR	32.4	-29.1	38.06	54	-15.94	-	-	-	-	126	216	V
3	6.90592	30.28	PK-U	35.6	-20.9	44.98	-	-	-	-	68.2	-23.22	338	190	H
4	7.99996	25.38	PK-U	35.8	-18.6	42.58	-	-	-	-	68.2	-25.62	173	112	H
5	6.90423	30.38	PK-U	35.6	-20.9	45.08	-	-	-	-	68.2	-23.12	20	104	V
6	8.00001	25.83	PK-U	35.8	-18.6	43.03	-	-	-	-	68.2	-25.17	81	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

HIGH 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	6.95398	30.87	PK-U	35.6	-20.2	46.27	-	-	-	-	68.2	-21.93	4	203	H
2	8.00001	30.38	PK-U	35.8	-18.6	47.58	-	-	-	-	68.2	-20.62	325	101	H
3	* 11.57228	26.38	PK-U	38.7	-16.5	48.58	-	-	74	-25.42	-	-	260	220	H
	* 11.57259	16.05	ADR	38.7	-16.5	38.25	54	-15.75	-	-	-	-	260	220	H
4	6.95424	31.87	PK-U	35.6	-20.2	47.27	-	-	-	-	68.2	-20.93	18	205	V
5	8.00001	29.11	PK-U	35.8	-18.6	46.31	-	-	-	-	68.2	-21.89	187	200	V
6	* 11.57654	26.7	PK-U	38.7	-16.5	48.9	-	-	74	-25.1	-	-	284	111	V
	* 11.57654	15.8	ADR	38.7	-16.5	38	54	-16	-	-	-	-	284	111	V

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

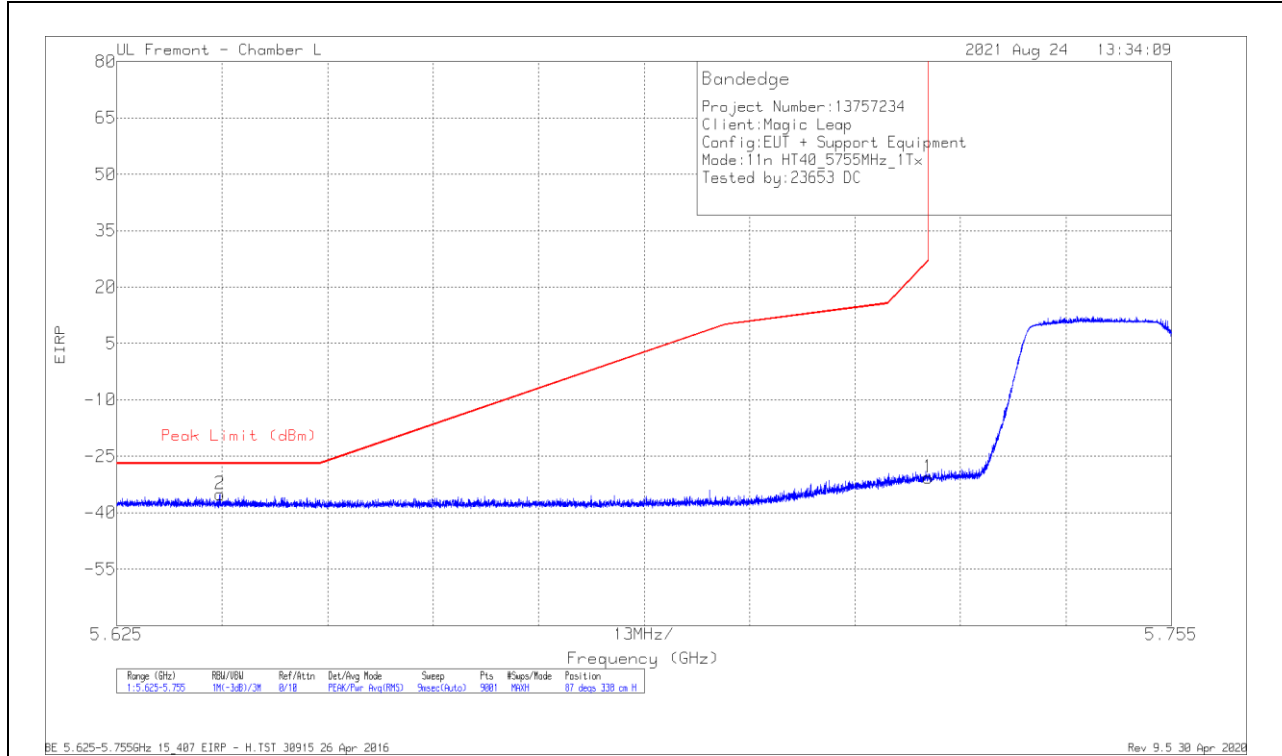
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL)

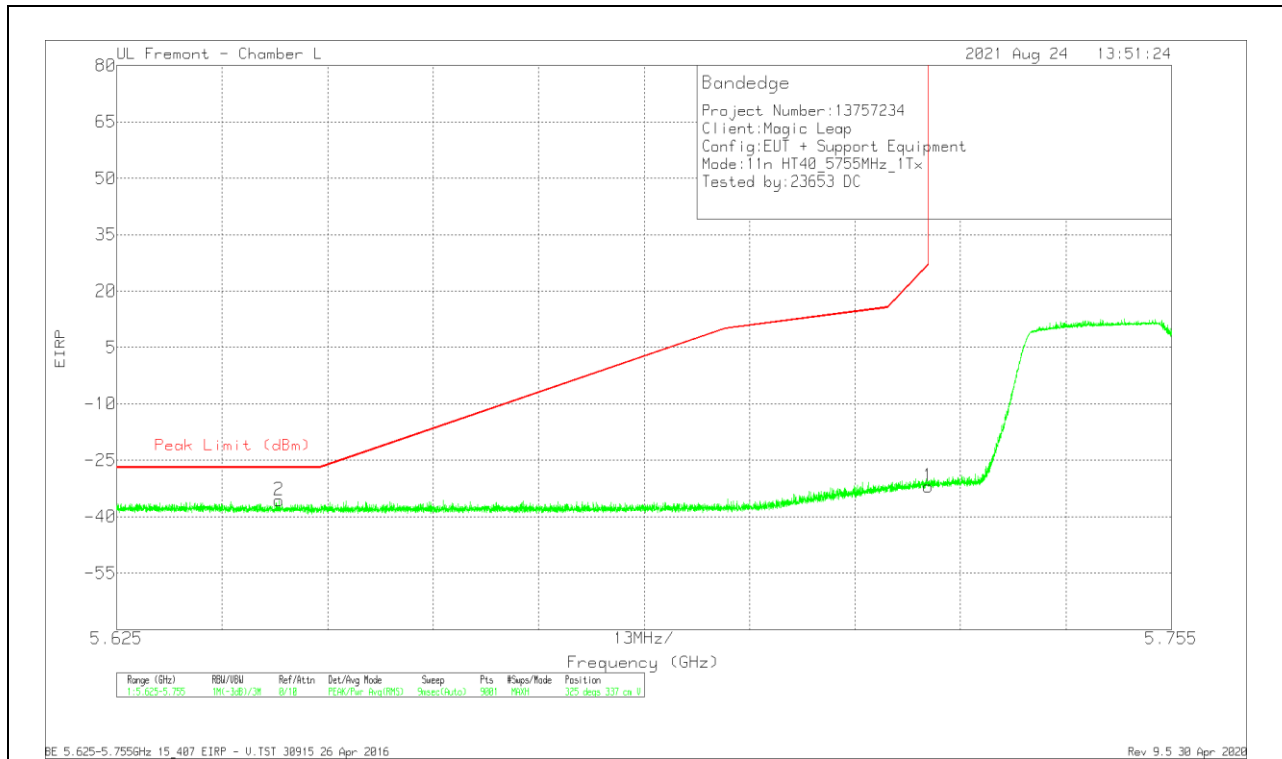
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (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	-63.4	Pk	34.8	-13.9	11.8	-30.7	26.99	-57.69	87	338	H
2	5.63771	-67.87	Pk	34.8	-13.9	11.8	-35.17	-27	-8.17	87	338	H

Pk - Peak detector

VERTICAL RESULT

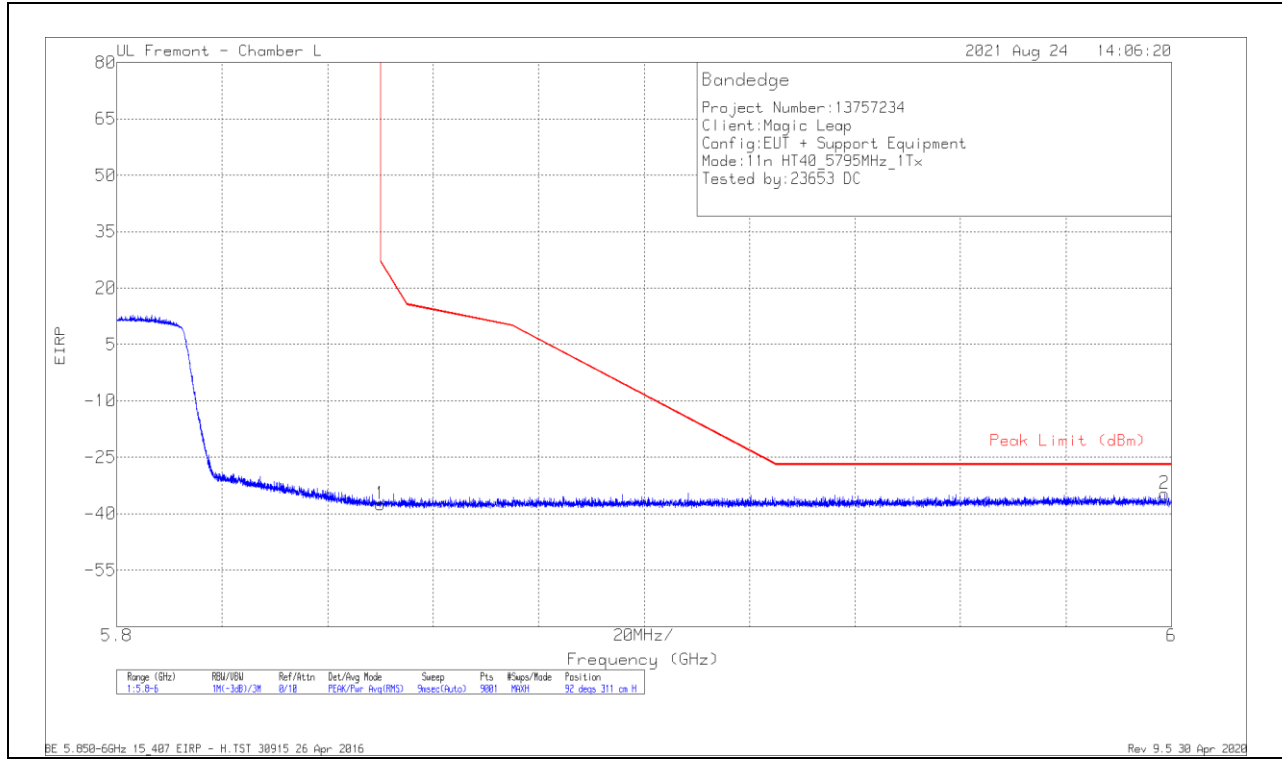


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-64.6	PK	34.8	-13.9	11.8	-31.9	26.99	-58.89	325	337	V
2	5.645	-68.44	PK	34.9	-13.9	11.8	-35.64	-27	-8.64	325	337	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

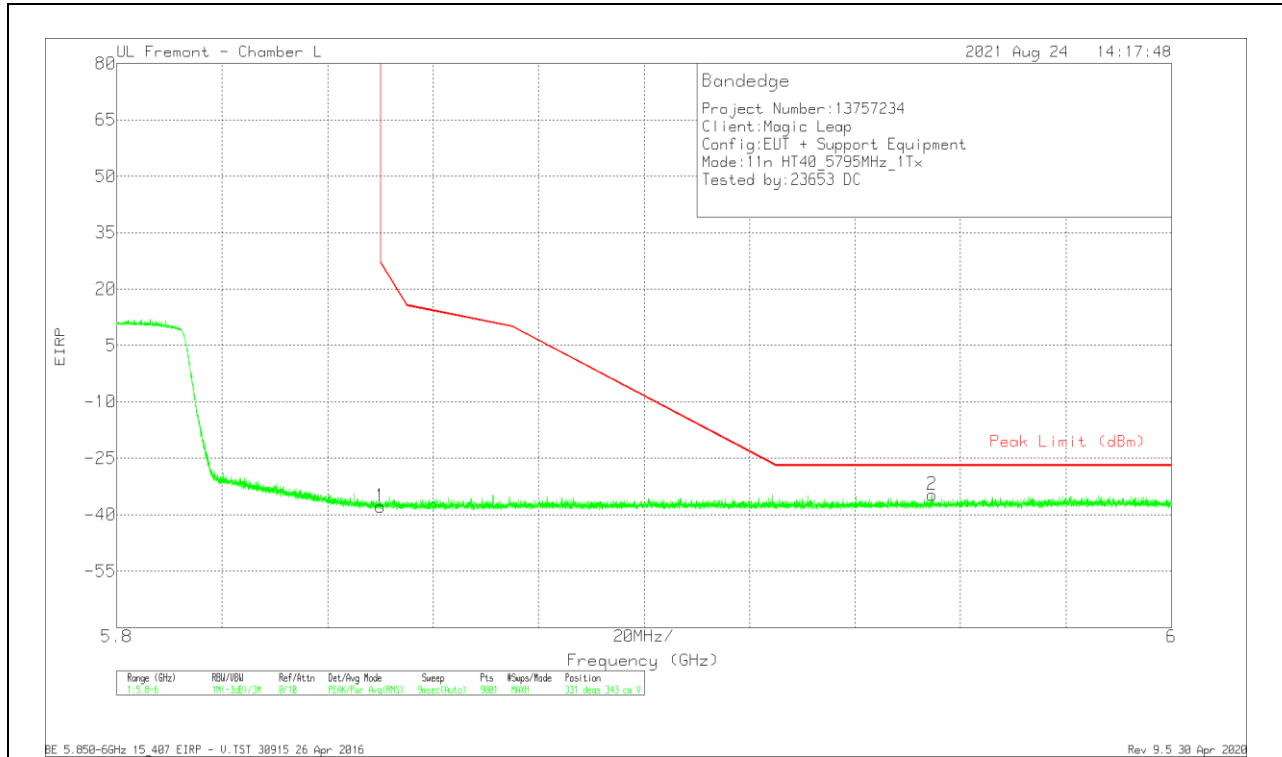
HORIZONTAL RESULT



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	-70.31	Pk	34.9	-13.9	11.8	-37.51	26.95	-64.46	92	311	H
2	5.99869	-68.52	Pk	35.2	-13.2	11.8	-34.72	-27	-7.72	92	311	H

Pk - Peak detector

VERTICAL RESULT

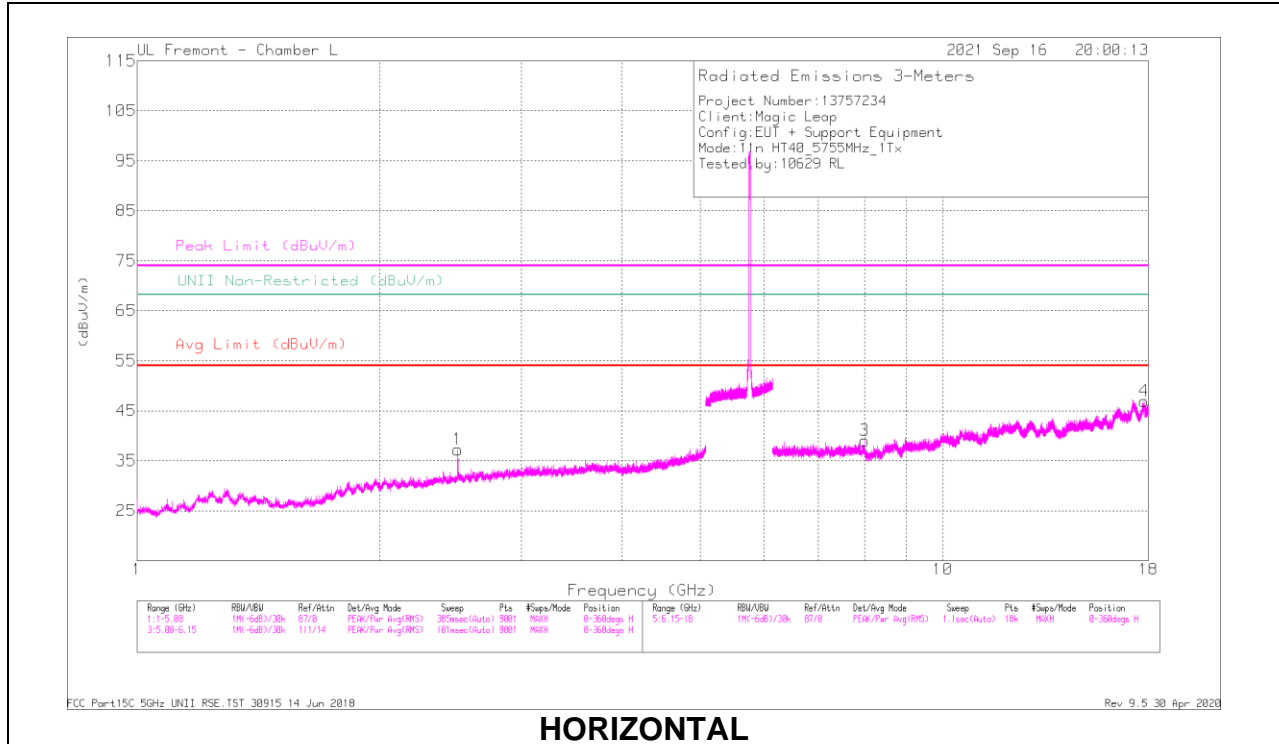


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Parad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.67	PK	34.9	-13.9	11.8	-37.87	26.95	-64.82	331	343	V
2	5.95458	-68.25	PK	35.1	-13.4	11.8	-34.75	-27	-7.75	331	343	V

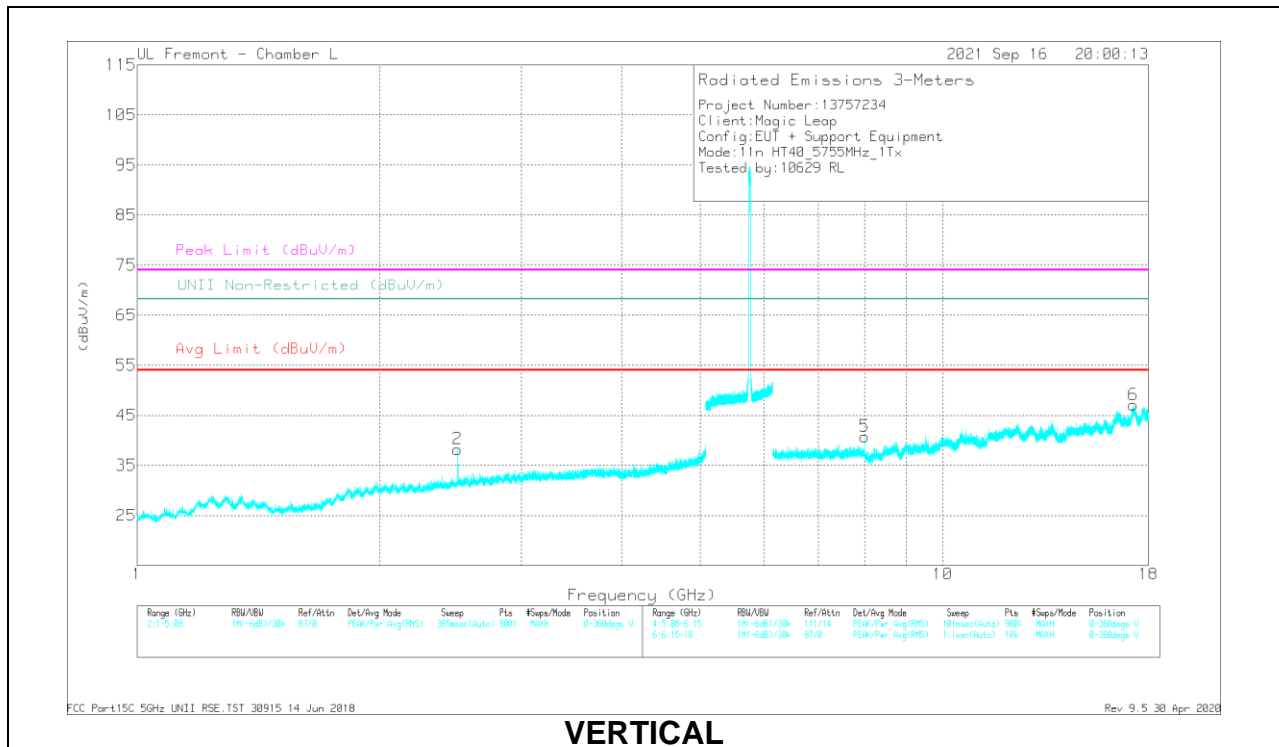
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



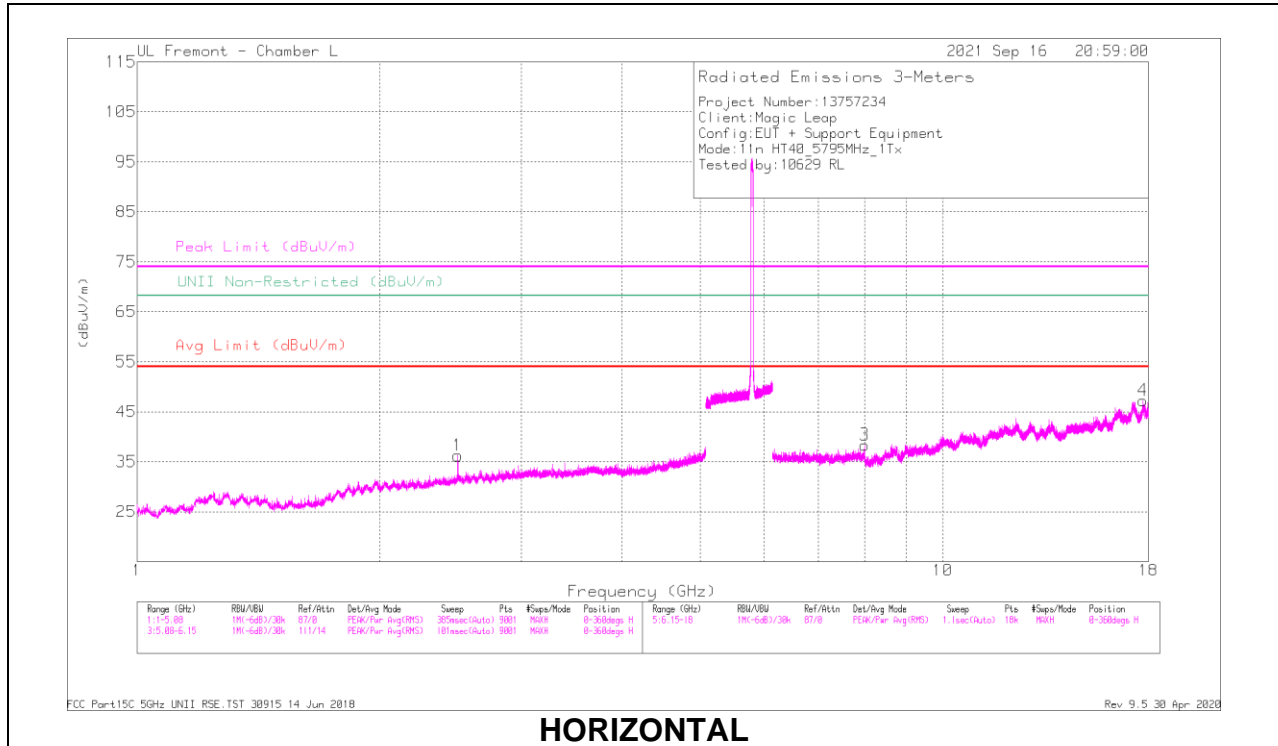
VERTICAL

RADIATED EMISSIONS

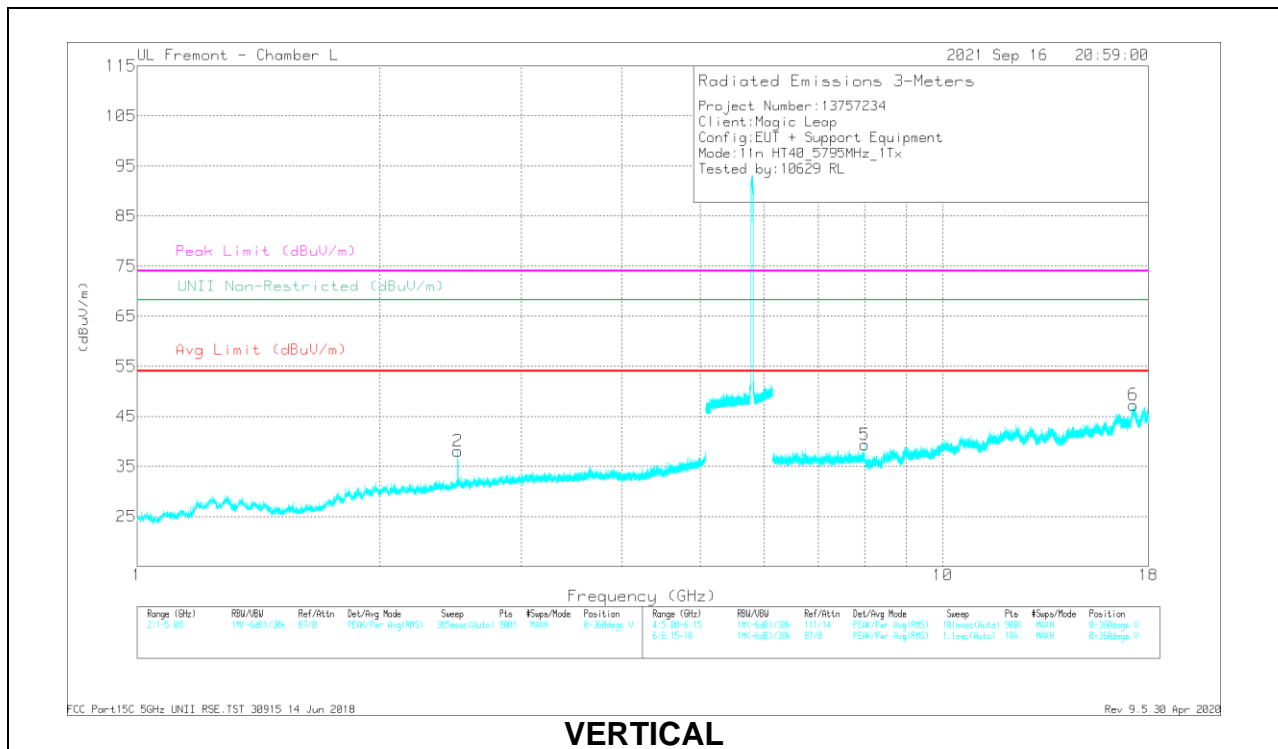
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbaf/Trn/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49999	41.04	PK-U	32.4	-29.1	44.34	-	-	74	-29.66	-	-	157	367	H
	* 2.49998	33.2	ADR	32.4	-29.1	36.5	54	-17.5	-	-	-	-	157	367	H
2	* 2.49998	41.66	PK-U	32.4	-29.1	44.96	-	-	74	-29.02	-	-	123	252	V
	* 2.49998	34.67	ADR	32.4	-29.1	37.97	54	-16.03	-	-	-	-	123	252	V
3	8.00012	28.97	PK-U	35.8	-18.6	46.17	-	-	-	-	68.2	-22.03	133	188	H
4	* 17.78746	26.13	PK-U	41.3	-13.8	53.63	-	-	74	-20.37	-	-	188	200	H
	* 17.79003	15.09	ADR	41.3	-13.9	42.49	54	-11.51	-	-	-	-	188	200	H
5	8	30.08	PK-U	35.8	-18.6	47.28	-	-	-	-	68.2	-20.92	176	201	V
6	17.23241	27.61	PK-U	41	-14.5	54.11	-	-	-	-	68.2	-14.09	109	284	V
	17.23293	17.34	ADR	41	-14.5	43.84	-	-	-	-	-	-	109	284	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)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49998	41.34	PK-U	32.4	-29.1	44.64	-	-	74	-29.36	-	-	155	365	H
	* 2.49999	33.02	ADR	32.4	-29.1	36.32	54	-17.68	-	-	-	-	155	365	H
2	* 2.49999	41.54	PK-U	32.4	-29.1	44.84	-	-	74	-29.16	-	-	123	218	V
	* 2.49999	34.57	ADR	32.4	-29.1	37.87	54	-16.13	-	-	-	-	123	218	V
3	8.00005	28.74	PK-U	35.8	-18.6	45.94	-	-	-	-	68.2	-22.26	284	101	H
4	* 17.71374	27.06	PK-U	41.4	-14.4	54.06	-	-	74	-19.94	-	-	213	250	H
	* 17.713	16.2	ADR	41.3	-14.4	43.1	54	-10.9	-	-	-	-	213	250	H
5	8.00016	30.14	PK-U	35.8	-18.6	47.34	-	-	-	-	68.2	-20.86	177	196	V
6	17.22892	28.11	PK-U	40.9	-14.5	54.51	-	-	-	-	68.2	-13.69	115	174	V

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

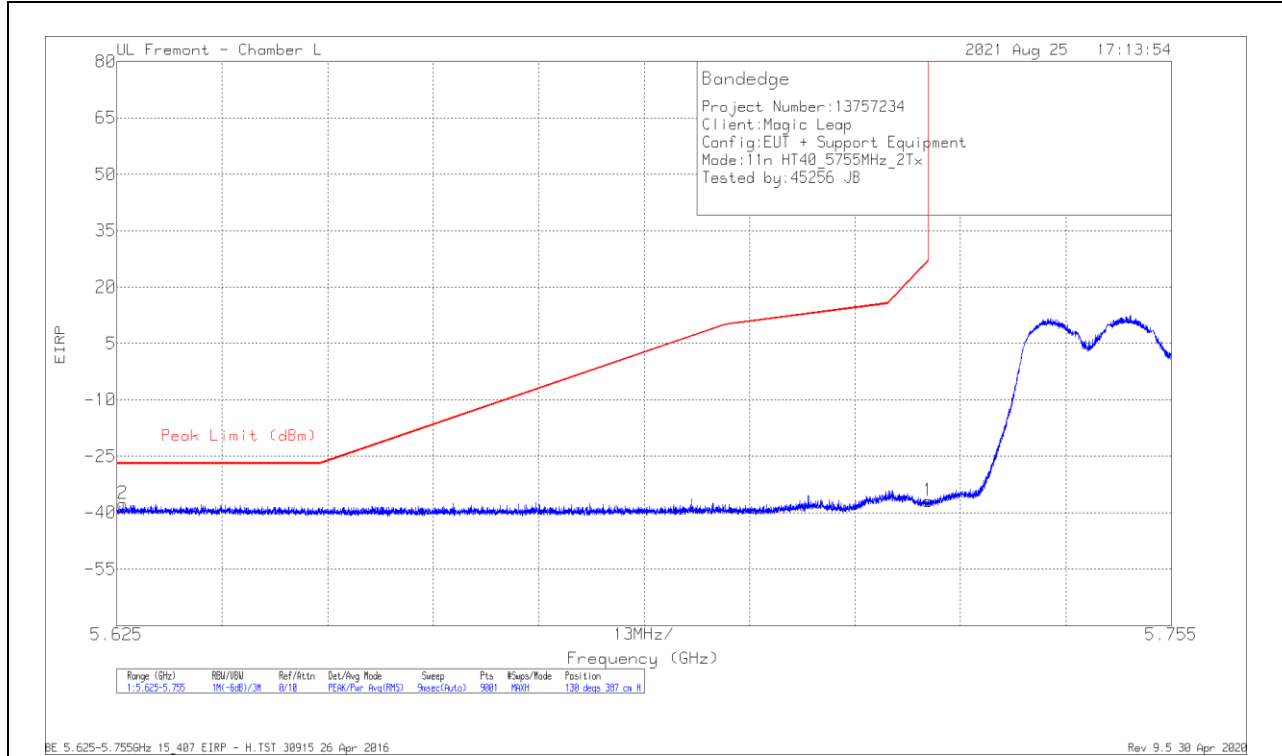
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

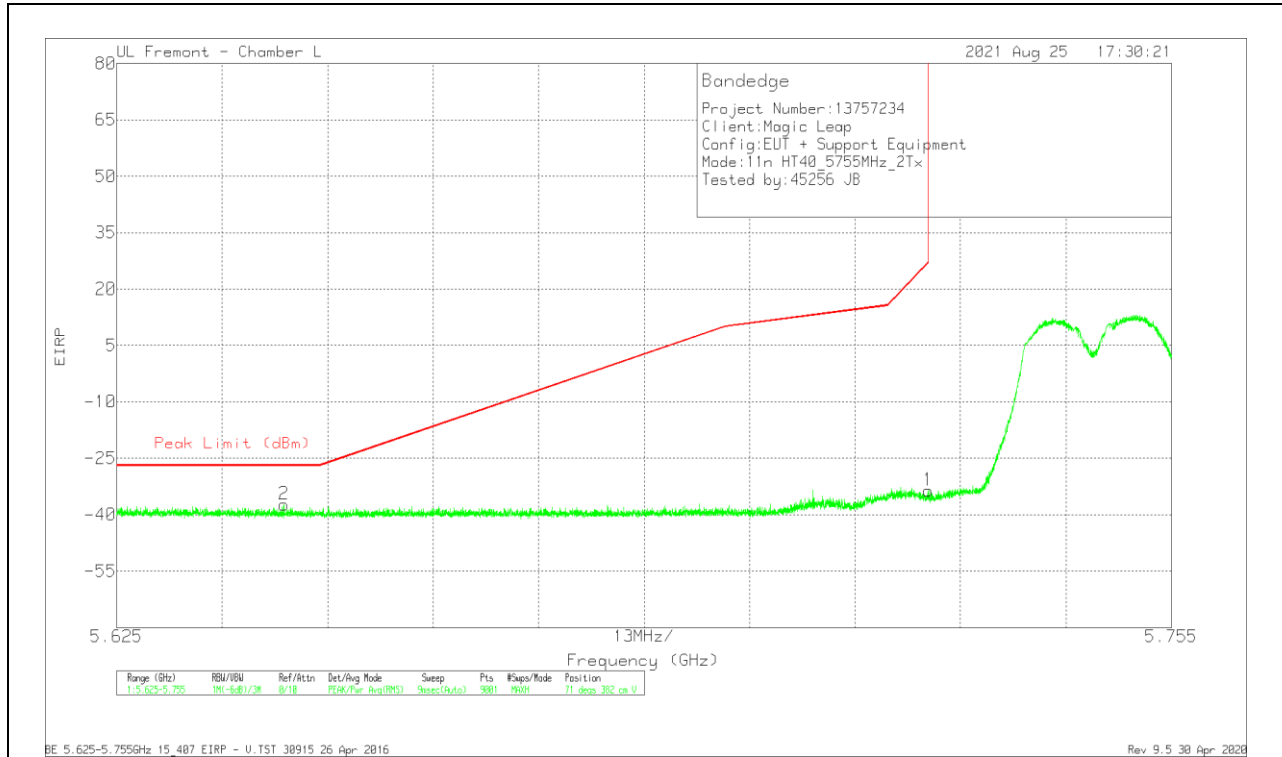
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (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	-69.66	Pk	34.8	-13.9	11.8	-36.96	26.99	-63.95	130	387	H
2	5.62578	-70.26	Pk	34.8	-14	11.8	-37.66	-27	-10.66	130	387	H

Pk - Peak detector

VERTICAL RESULT

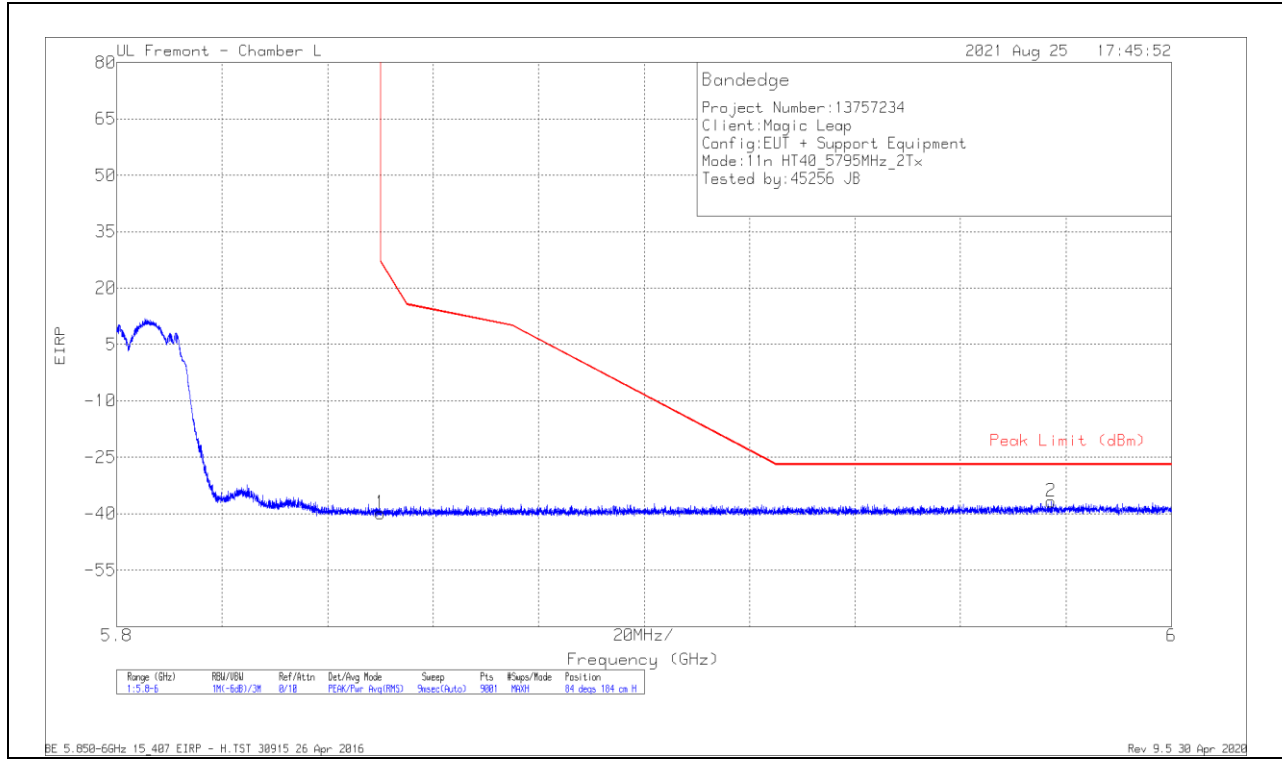


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Par d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-66.26	PK	34.8	-13.9	11.8	-33.56	26.99	-60.55	71	382	V
2	5.64558	-70.11	PK	34.9	-13.9	11.8	-37.31	-27	-10.31	71	382	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

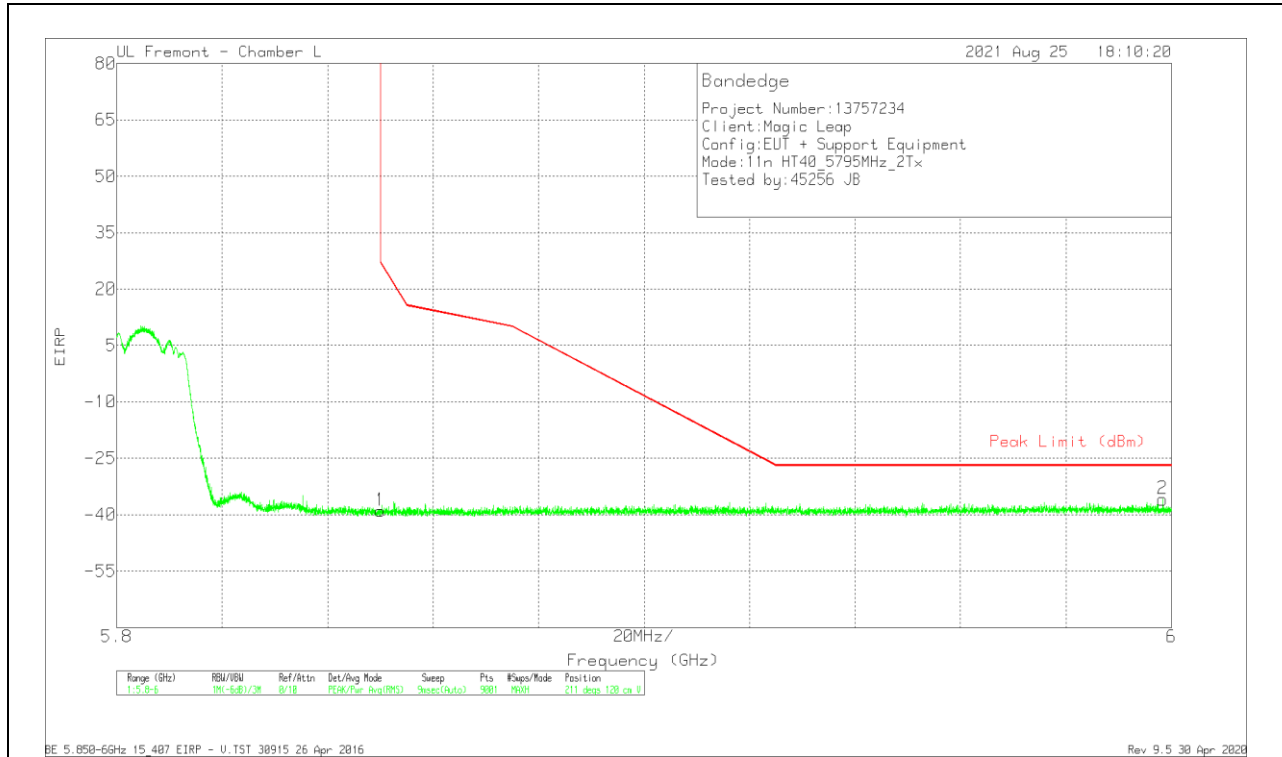
HORIZONTAL RESULT



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	-72.71	Pk	34.9	-13.9	11.8	-39.91	26.95	-66.86	84	184	H
2	5.9772	-70.44	Pk	35.2	-13.3	11.8	-36.74	-27	-9.74	84	184	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	-71.81	PK	34.9	-13.9	11.8	-39.01	26.95	-65.96	211	120	V
2	5.99838	-69.71	PK	35.2	-13.2	11.8	-35.91	-27	-8.91	211	120	V

Pk - Peak detector