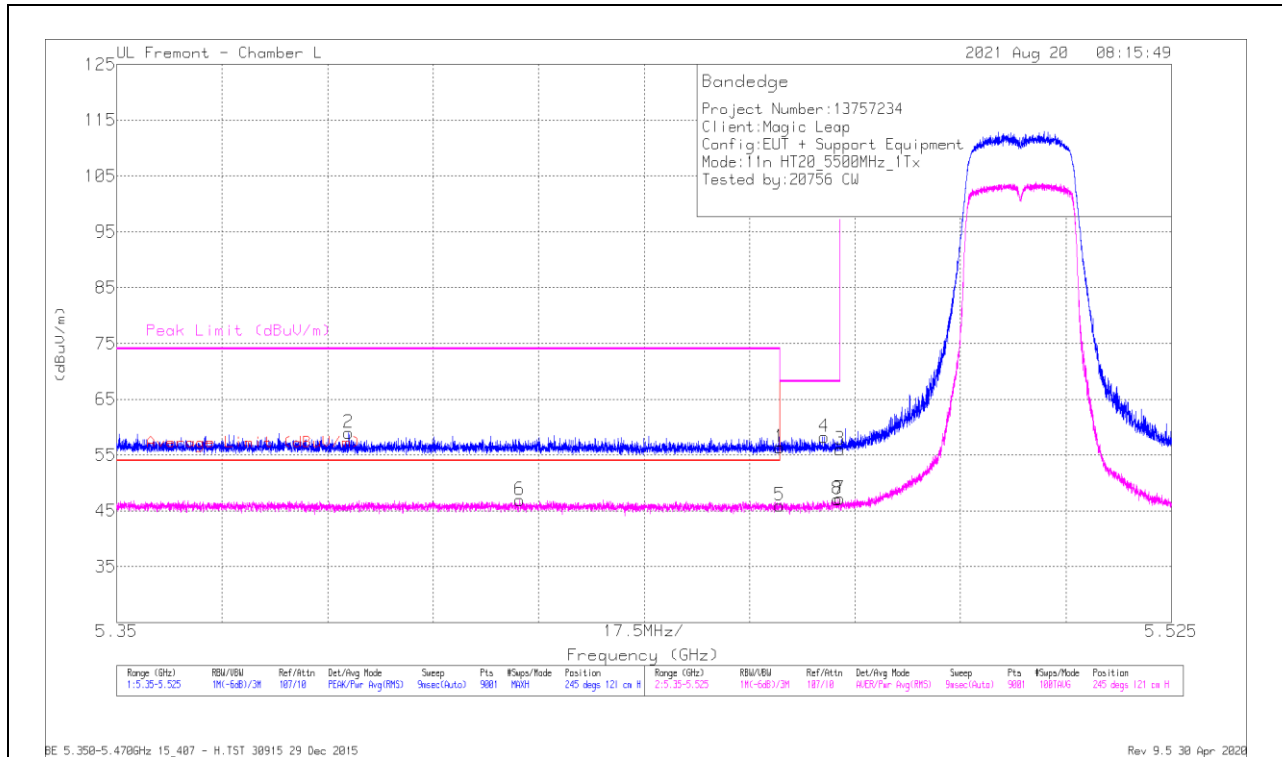


10.1.11. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



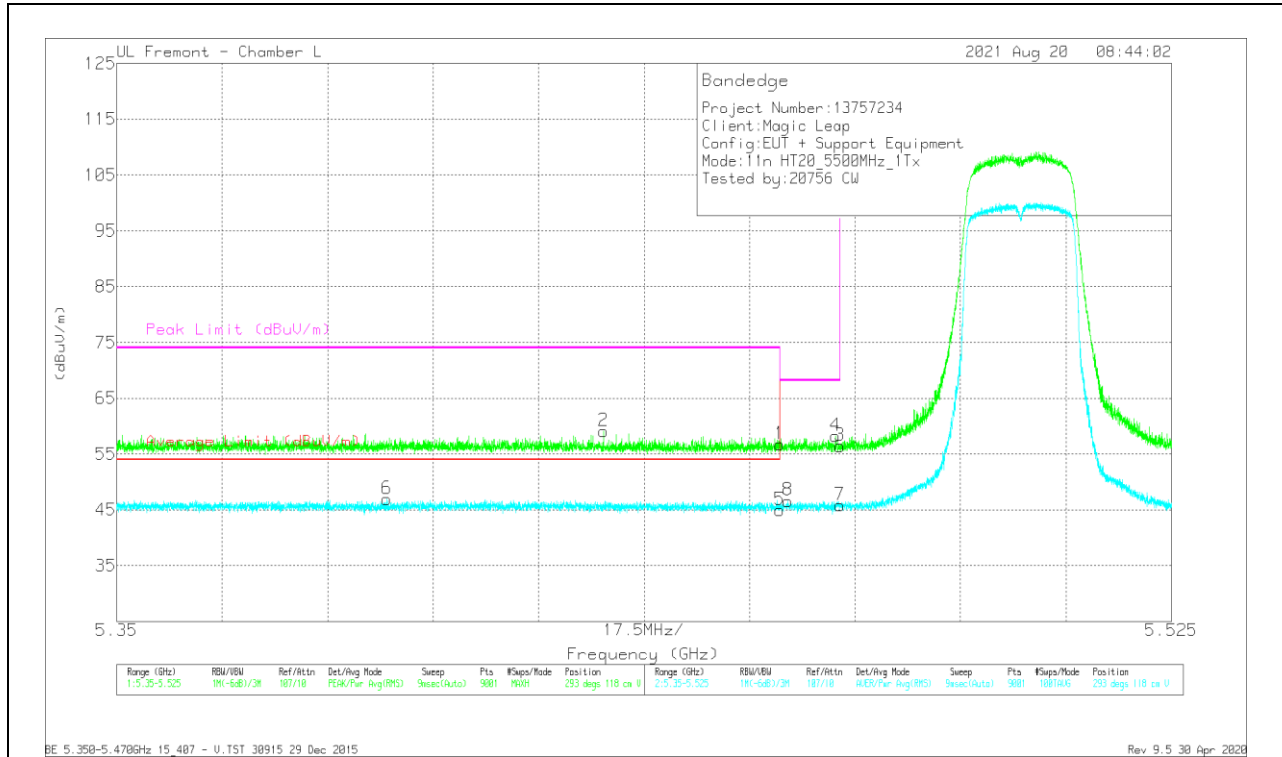
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	35.72	Pk	34.9	-14.2	56.42	-	-	74	-17.58	245	121	H
2	* 5.3885	38.34	Pk	34.9	-14.3	58.94	-	-	74	-15.06	245	121	H
3	5.46999	35.31	Pk	34.9	-14.2	56.01	-	-	68.2	-12.19	245	121	H
4	5.46738	37.57	Pk	34.9	-14.2	58.27	-	-	68.2	-9.93	245	121	H
5	* 5.45999	25.23	RMS	34.9	-14.2	45.93	54	-8.07	-	-	245	121	H
6	* 5.41689	26.22	RMS	34.9	-14.2	46.92	54	-7.08	-	-	245	121	H
7	5.46999	26.45	RMS	34.9	-14.2	47.15	-	-	-	-	245	121	H
8	5.46954	26.31	RMS	34.9	-14.2	47.01	-	-	-	-	245	121	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/Par 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	* 5.45999	36.01	Pk	34.9	-14.2	56.71	-	-	74	-17.29	293	118	V
2	* 5.43077	38.4	Pk	34.9	-14.2	59.1	-	-	74	-14.9	293	118	V
3	5.46999	35.74	Pk	34.9	-14.2	56.44	-	-	68.2	-11.76	293	118	V
4	5.46925	37.55	Pk	34.9	-14.2	58.25	-	-	68.2	-9.95	293	118	V
5	* 5.45999	24.23	RMS	34.9	-14.2	44.93	54	-9.07	-	-	293	118	V
6	* 5.39476	26.33	RMS	34.9	-14.3	46.93	54	-7.07	-	-	293	118	V
7	5.46999	25.08	RMS	34.9	-14.2	45.78	-	-	-	-	293	118	V
8	5.46134	25.93	RMS	34.9	-14.2	46.63	-	-	-	-	293	118	V

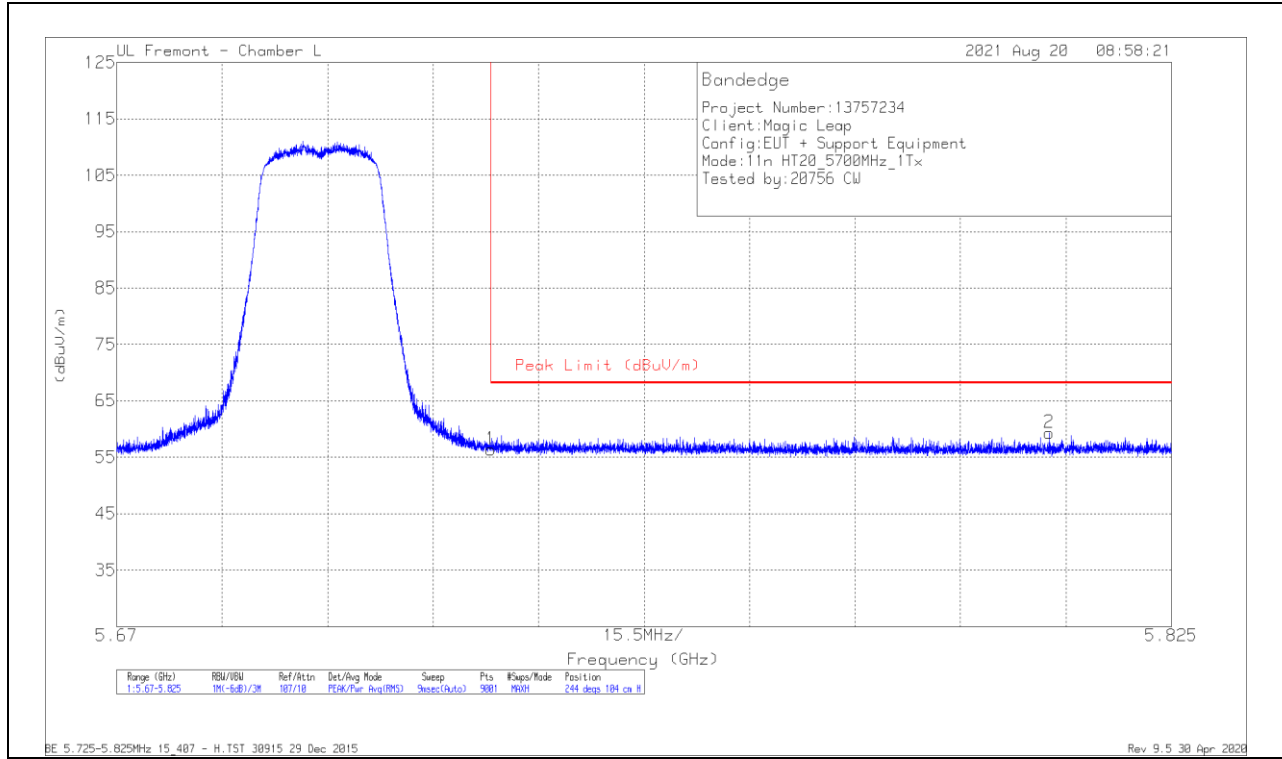
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

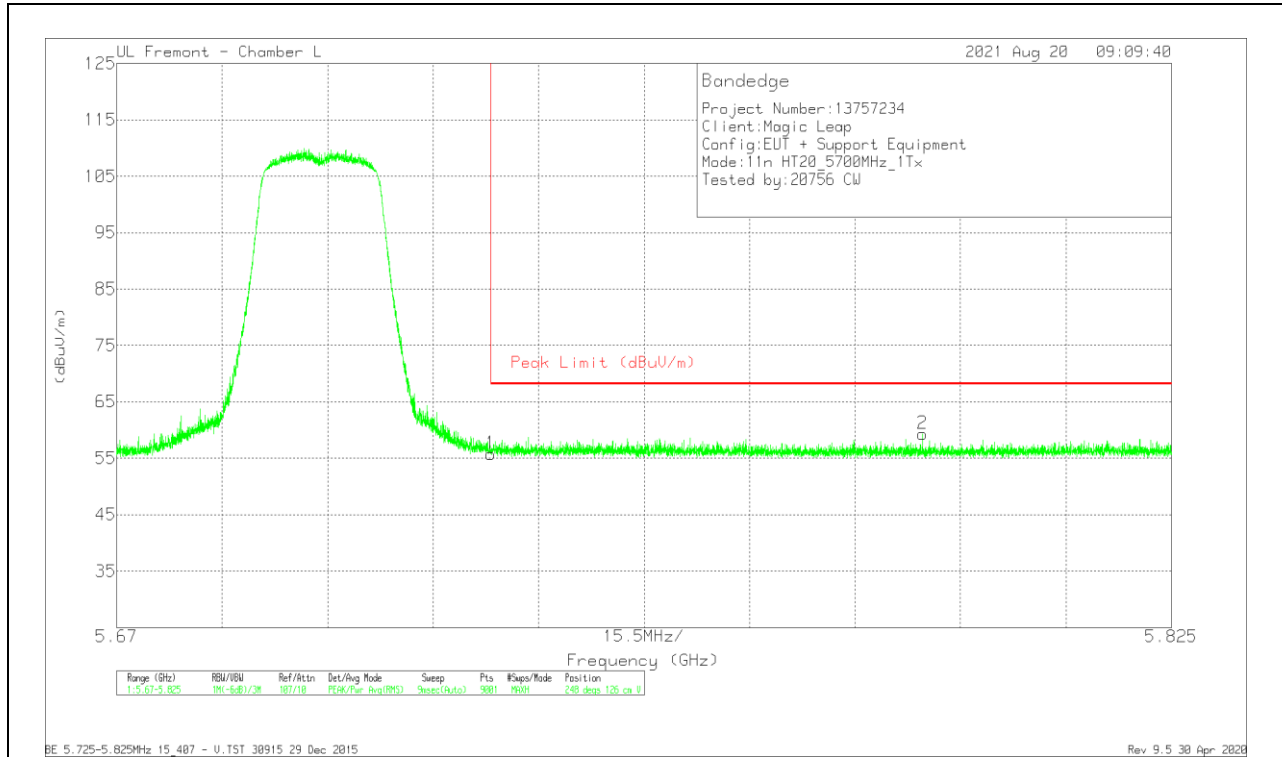
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	35.43	Pk	34.8	-13.9	56.33	68.2	-11.87	244	104	H
2	5.80704	38.47	Pk	34.9	-14	59.37	68.2	-8.83	244	104	H

Pk - Peak detector

VERTICAL RESULT

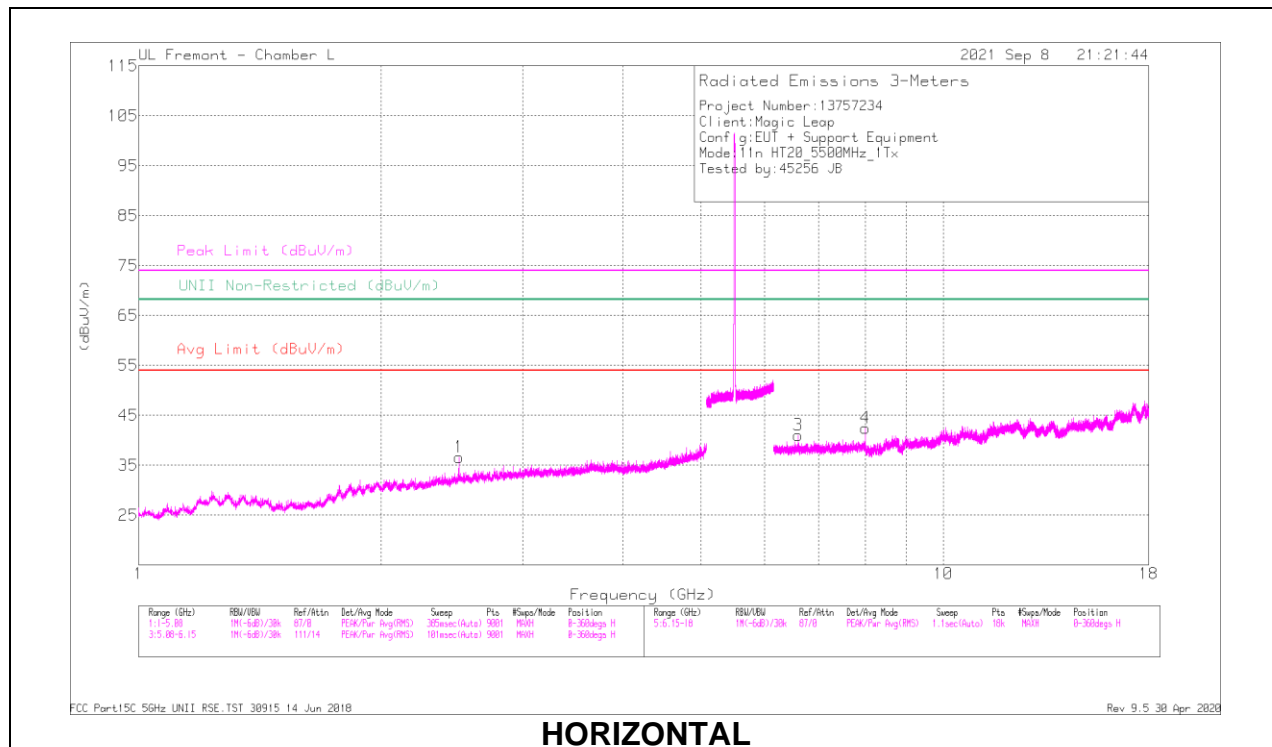


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	34.89	Pk	34.8	-13.9	55.79	68.2	-12.41	248	126	V
2	5.78844	38.5	Pk	34.8	-14	59.3	68.2	-8.9	248	126	V

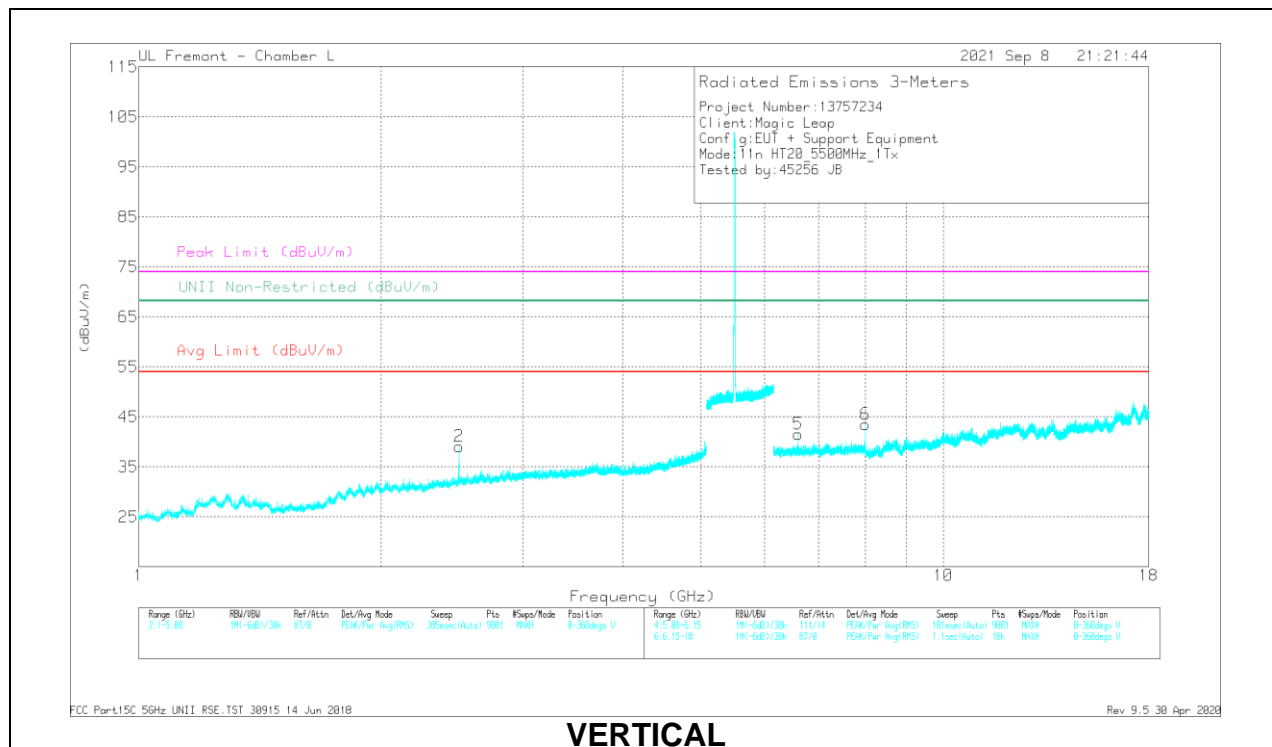
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

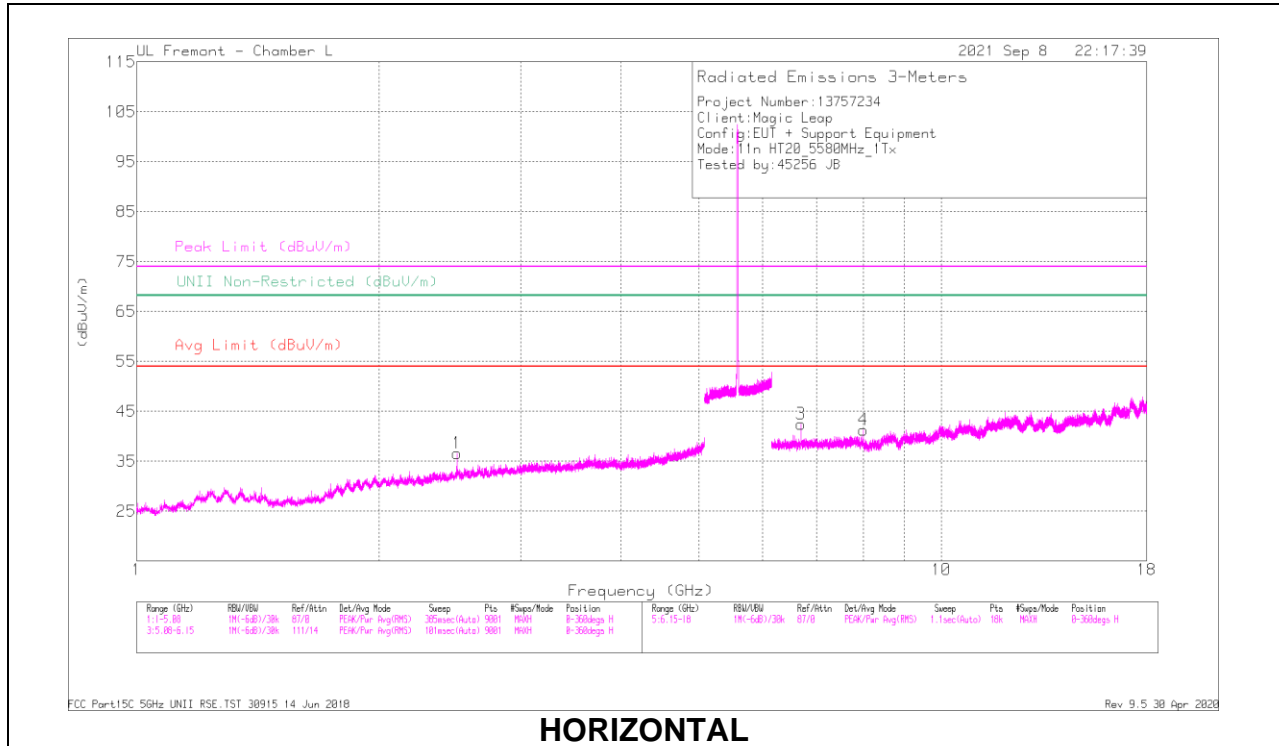
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49979	40.9	PK-U	32.4	-29.1	44.2	-	-	74	-29.8	-	-	204	124	H
	* 2.49994	32.73	ADR	32.4	-29.1	36.03	54	-17.97	-	-	-	-	204	124	H
2	* 2.49993	41.34	PK-U	32.4	-29.1	44.64	-	-	74	-29.36	-	-	110	219	V
	* 2.49994	33.49	ADR	32.4	-29.1	36.79	54	-17.21	-	-	-	-	110	219	V
3	6.59974	32.35	PK-U	35.7	-21.1	46.95	-	-	-	-	68.2	-21.25	211	137	H
4	7.99992	30.36	PK-U	35.8	-18.6	47.56	-	-	-	-	68.2	-20.64	279	101	H
5	6.60008	32.39	PK-U	35.7	-21.1	46.99	-	-	-	-	68.2	-21.21	136	203	V
6	7.99995	33.16	PK-U	35.8	-18.6	50.36	-	-	-	-	68.2	-17.84	150	102	V

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

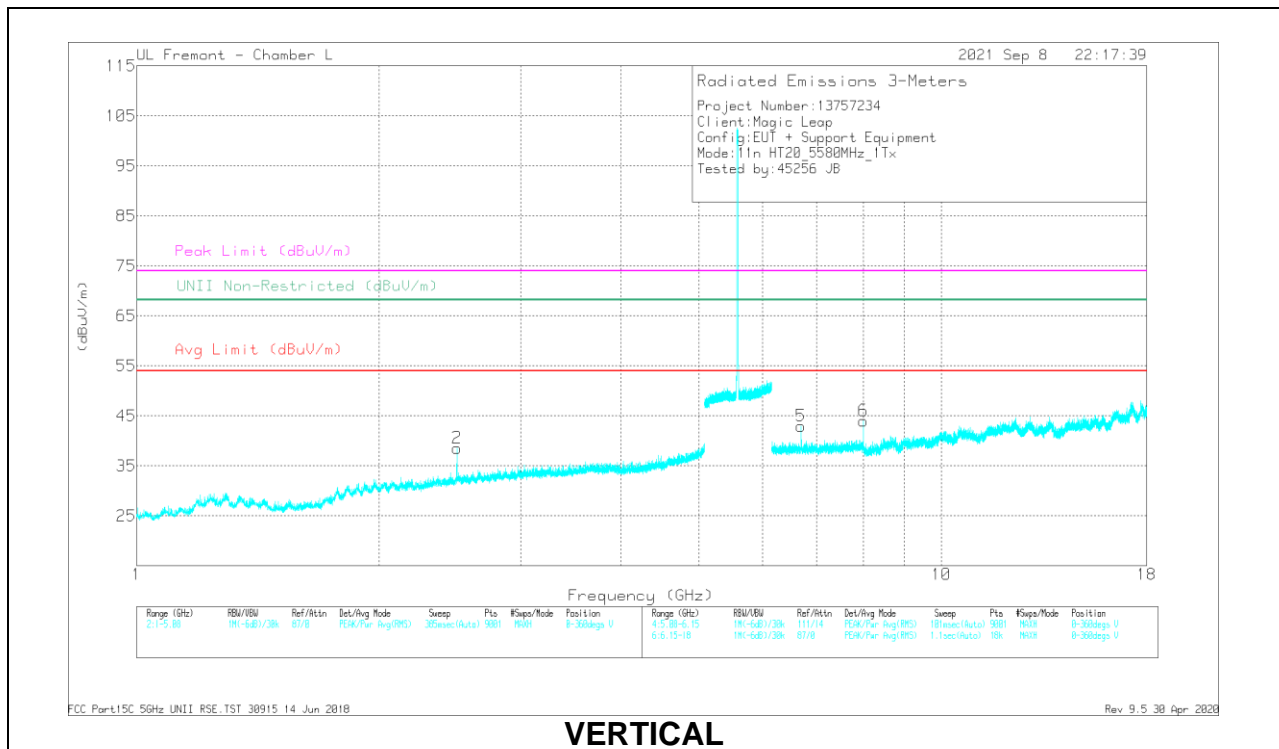
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

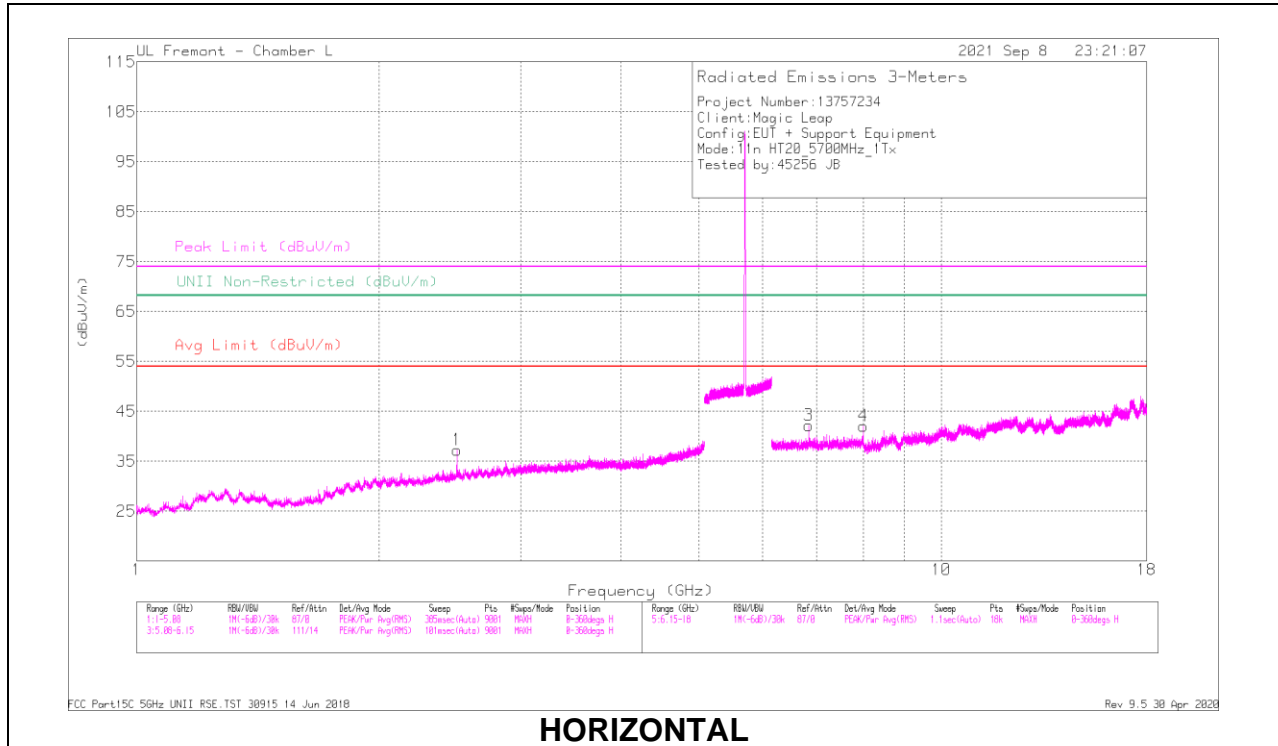
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49988	41.09	PK-U	32.4	-29.1	44.39	-	-	74	-29.61	-	-	155	317	H
	2.49998	33.33	ADR	32.4	-29.1	36.63	54	-17.37	-	-	-	-	155	317	H
2	* 2.49998	41.26	PK-U	32.4	-29.1	44.56	-	-	74	-29.44	-	-	116	235	V
	2.49999	34.03	ADR	32.4	-29.1	37.33	54	-16.67	-	-	-	-	116	235	V
3	6.69595	34.68	PK-U	35.8	-21.4	49.08	-	-	-	-	68.2	-19.12	135	110	H
4	8.00013	28.26	PK-U	35.8	-18.6	45.46	-	-	-	-	68.2	-22.74	265	153	H
5	6.69585	35.33	PK-U	35.8	-21.4	49.73	-	-	-	-	68.2	-18.47	80	398	V
6	8.00007	32.97	PK-U	35.8	-18.6	50.17	-	-	-	-	68.2	-18.03	150	102	V

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

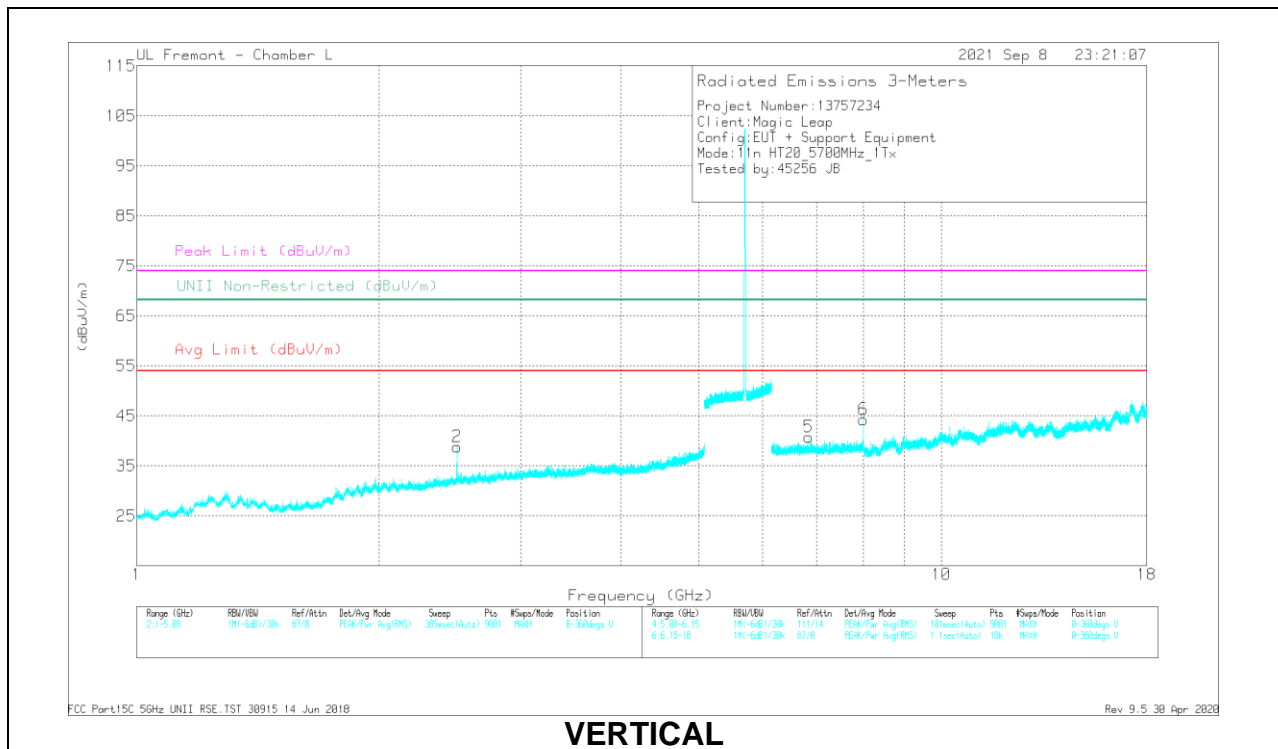
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

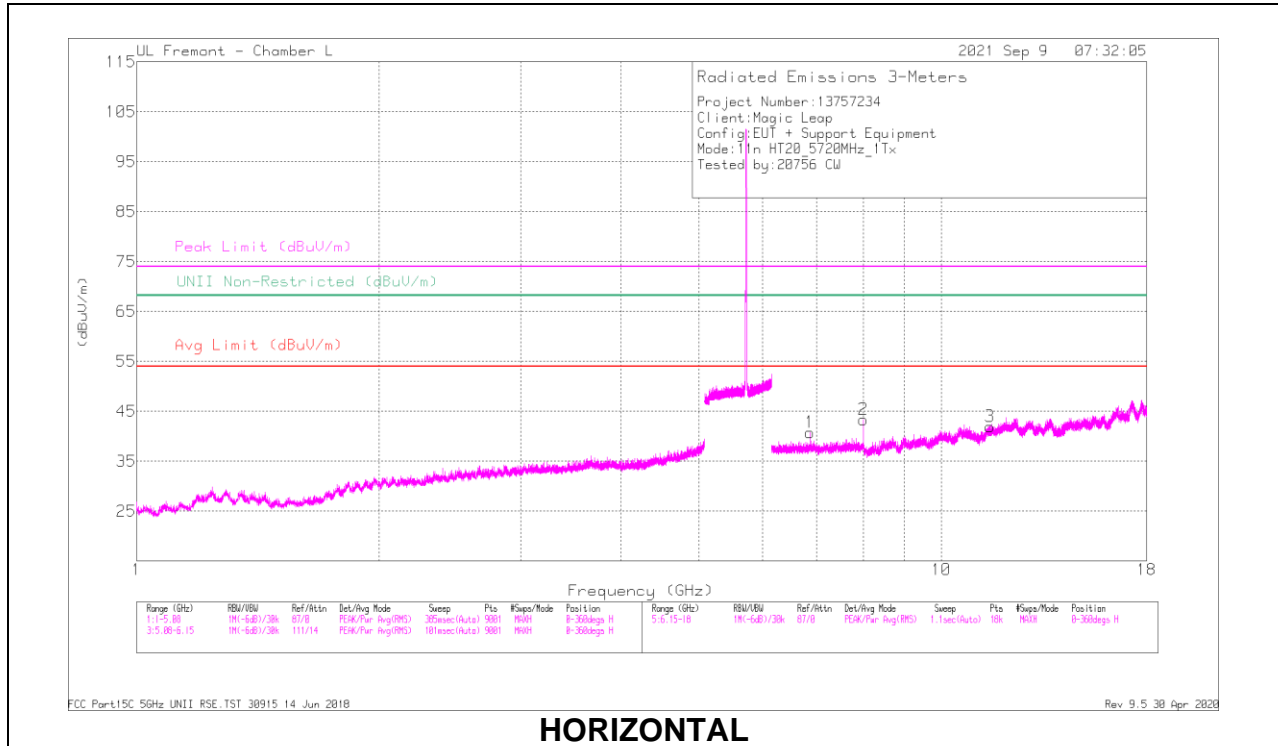
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49976	40.72	PK-U	32.4	-29.1	44.02	-	-	74	-29.98	-	-	209	128	H
	* 2.49989	32.23	ADR	32.4	-29.1	35.53	54	-18.47	-	-	-	-	209	128	H
2	* 2.49993	42.11	PK-U	32.4	-29.1	45.41	-	-	74	-28.59	-	-	124	263	V
	* 2.49991	34.55	ADR	32.4	-29.1	37.85	54	-16.15	-	-	-	-	124	263	V
3	6.84005	35.03	PK-U	35.6	-21.4	49.23	-	-	-	-	68.2	-18.97	135	102	H
4	8.00004	30.85	PK-U	35.8	-18.6	48.05	-	-	-	-	68.2	-20.15	261	131	H
5	6.83998	31.93	PK-U	35.6	-21.4	46.13	-	-	-	-	68.2	-22.07	82	103	V
6	7.99992	28.45	PK-U	35.8	-18.6	45.65	-	-	-	-	68.2	-22.55	147	238	V

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

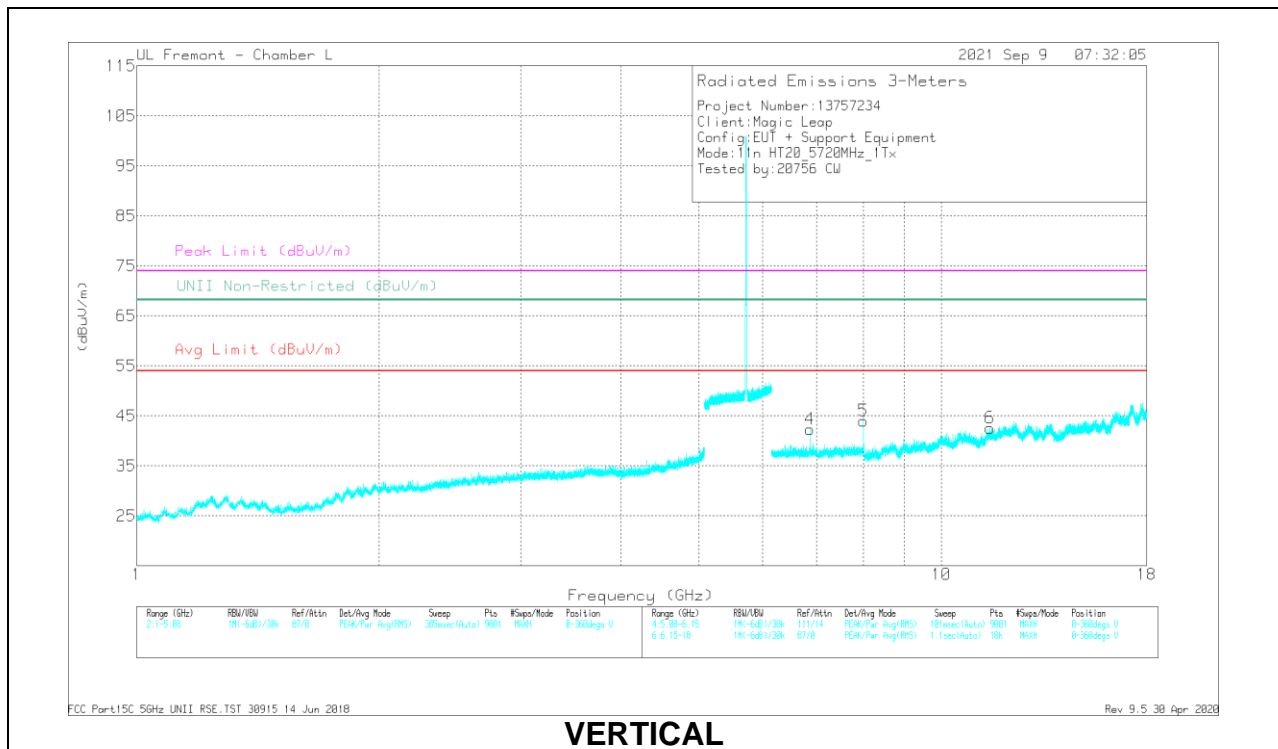
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

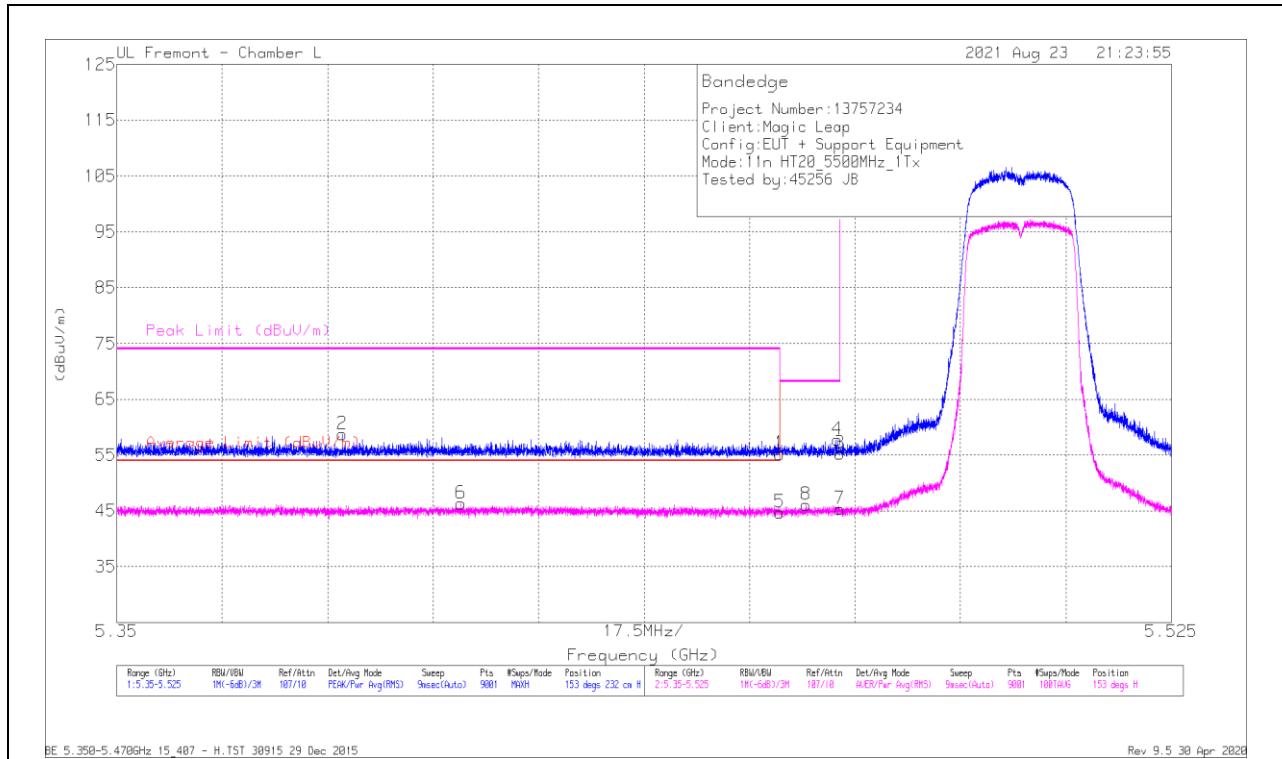
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cable/Filter/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.86391	29.98	PK-U	35.7	-21.5	44.18	-	-	-	-	68.2	-24.02	232	102	H
2	8.00001	31.89	PK-U	35.8	-18.6	49.09	-	-	-	-	68.2	-19.11	80	107	H
3	* 11.48833	27.39	PK-U	38.5	-16.7	49.19	-	-	74	-24.81	-	-	296	115	H
	* 11.48793	17.82	ADR	38.5	-16.8	39.32	54	-14.68	-	-	-	-	296	115	H
4	6.86416	35.43	PK-U	35.7	-21.5	49.63	-	-	-	-	68.2	-18.57	220	323	V
5	7.99998	31.07	PK-U	35.8	-18.6	48.27	-	-	-	-	68.2	-19.93	196	101	V
6	* 11.5011	27.4	PK-U	38.6	-16.7	49.3	-	-	74	-24.7	-	-	310	160	V
	* 11.5011	17.63	ADR	38.6	-16.7	39.53	54	-14.47	-	-	-	-	310	160	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



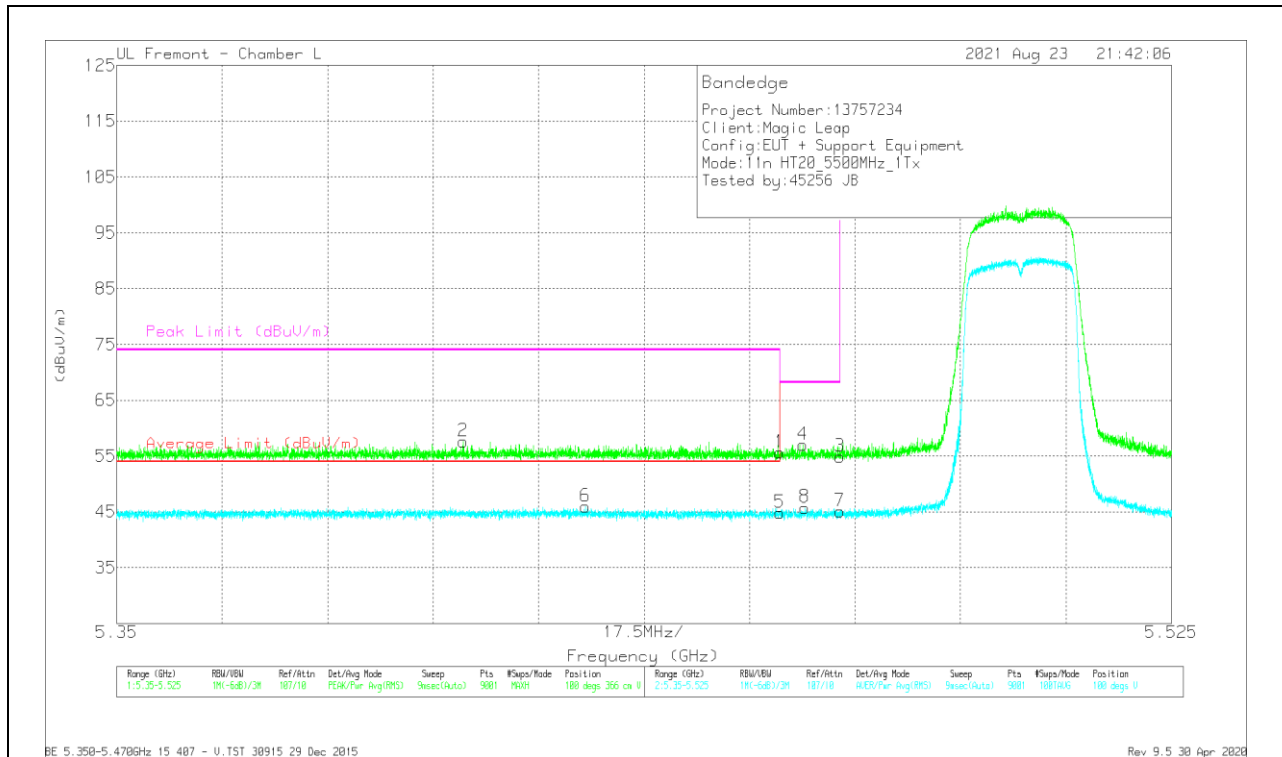
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.5	Pk	34.9	-14.2	55.2	-	-	74	-18.8	153	232	H
2	* 5.38741	38.13	Pk	34.9	-14.3	58.73	-	-	74	-15.27	153	232	H
3	5.46999	34.52	Pk	34.9	-14.2	55.22	-	-	68.2	-12.98	153	232	H
4	5.46954	37.02	Pk	34.9	-14.2	57.72	-	-	68.2	-10.48	153	232	H
5	* 5.45999	24.03	RMS	34.9	-14.2	44.73	54	-9.27	-	-	153	232	H
6	* 5.40713	25.58	RMS	34.9	-14.2	46.28	54	-7.72	-	-	153	232	H
7	5.46999	24.63	RMS	34.9	-14.2	45.33	-	-	-	-	153	232	H
8	5.46433	25.38	RMS	34.9	-14.2	46.08	-	-	-	-	153	232	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

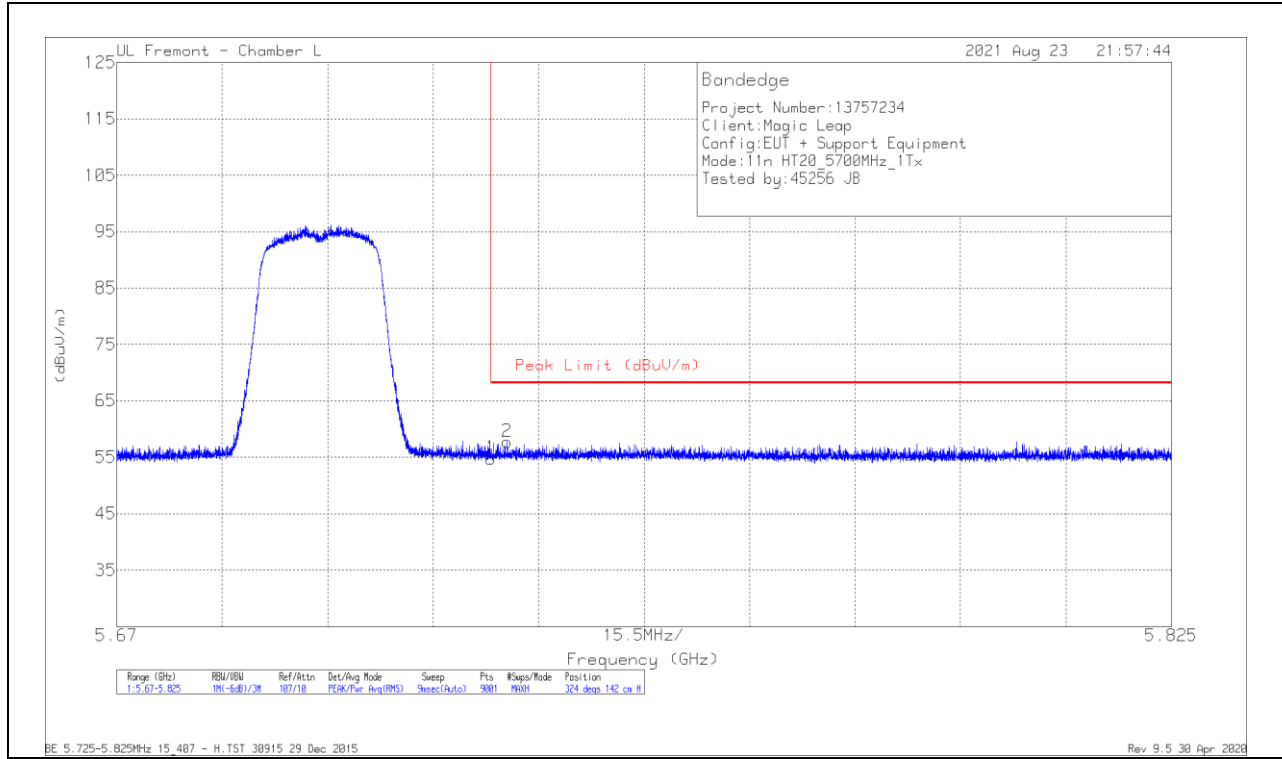


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/CbI/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.91	Pk	34.9	-14.2	55.61	-	-	74	-18.39	100	366	V
2	* 5.40746	36.92	Pk	34.9	-14.2	57.62	-	-	74	-16.38	100	366	V
3	5.46999	34.24	Pk	34.9	-14.2	54.94	-	-	68.2	-13.26	100	366	V
4	5.46386	36.34	Pk	34.9	-14.2	57.04	-	-	68.2	-11.16	100	366	V
5	* 5.45999	24.11	RMS	34.9	-14.2	44.81	54	-9.19	-	-	100	366	V
6	* 5.42778	25.24	RMS	34.9	-14.2	45.94	54	-8.06	-	-	100	366	V
7	5.46999	24.35	RMS	34.9	-14.2	45.05	-	-	-	-	100	366	V
8	5.46418	25.06	RMS	34.9	-14.2	45.76	-	-	-	-	100	366	V

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

BANDEDGE (HIGH CHANNEL)

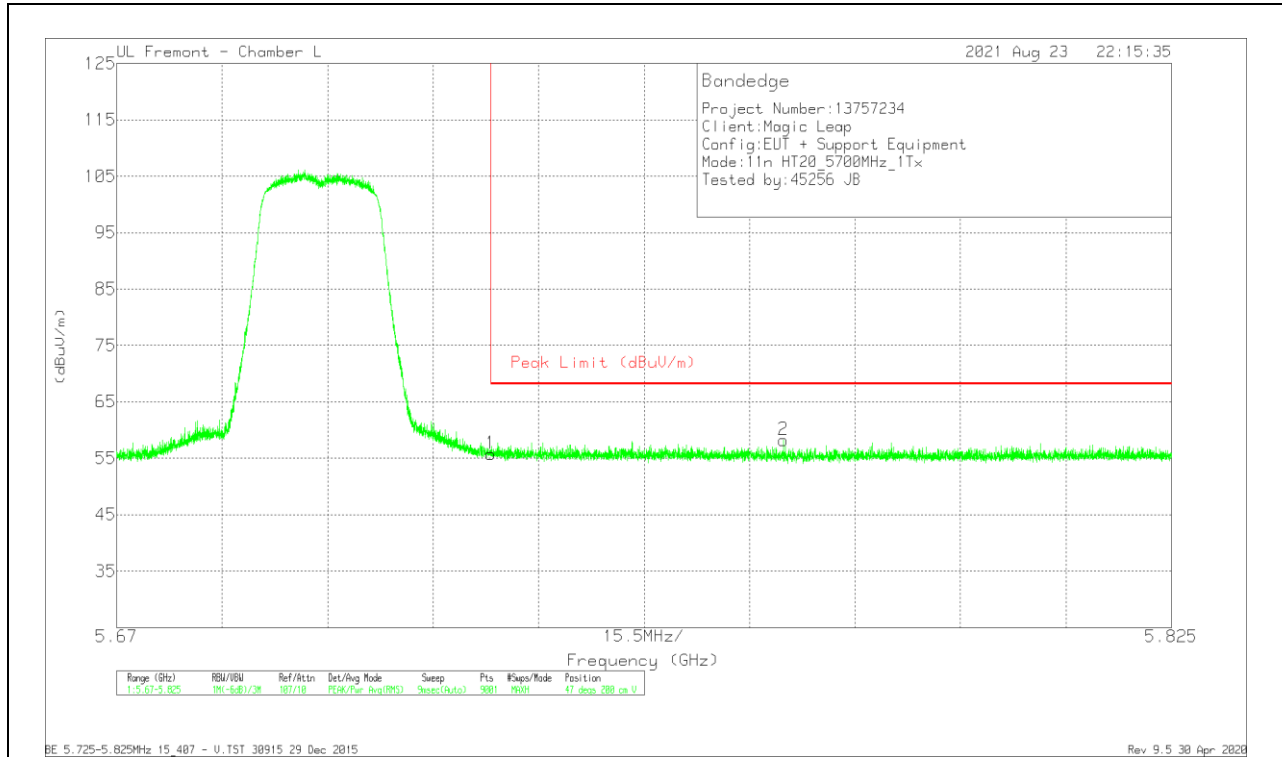
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	33.94	Pk	34.8	-13.9	54.84	68.2	-13.36	324	142	H
2	5.72735	36.83	Pk	34.8	-13.9	57.73	68.2	-10.47	324	142	H

Pk - Peak detector

VERTICAL RESULT

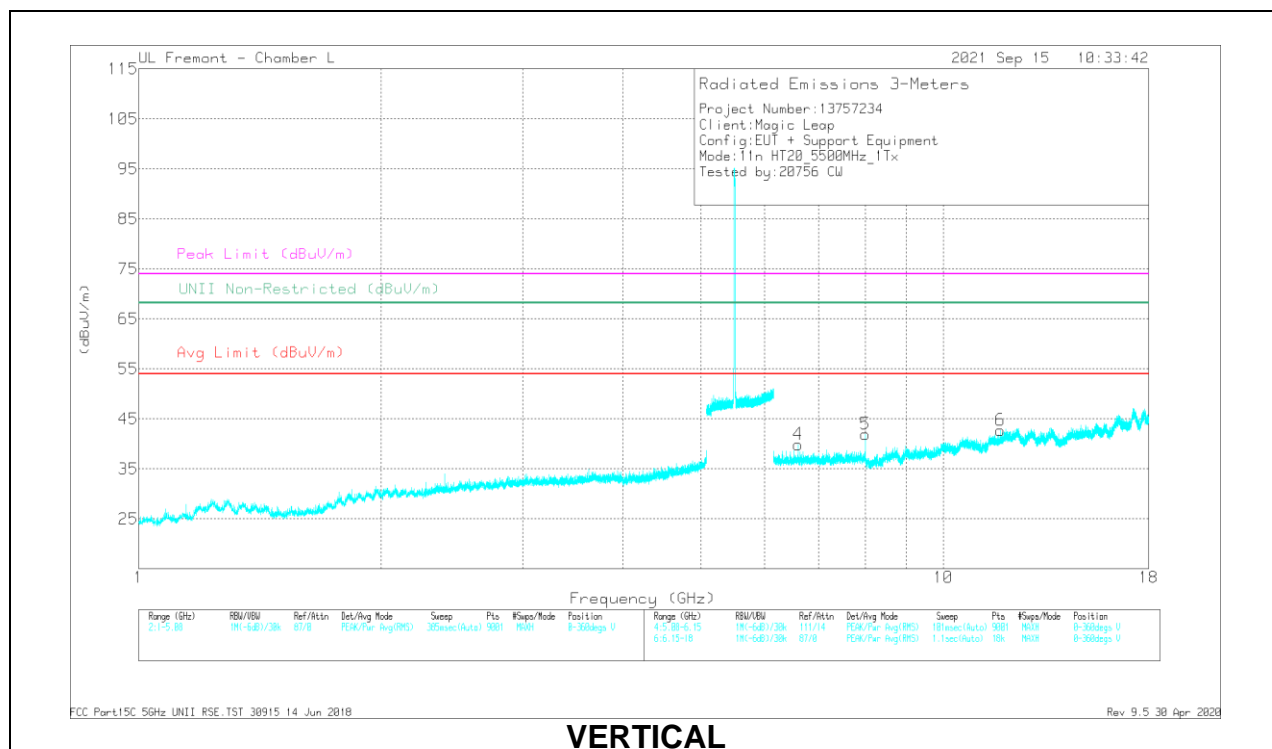
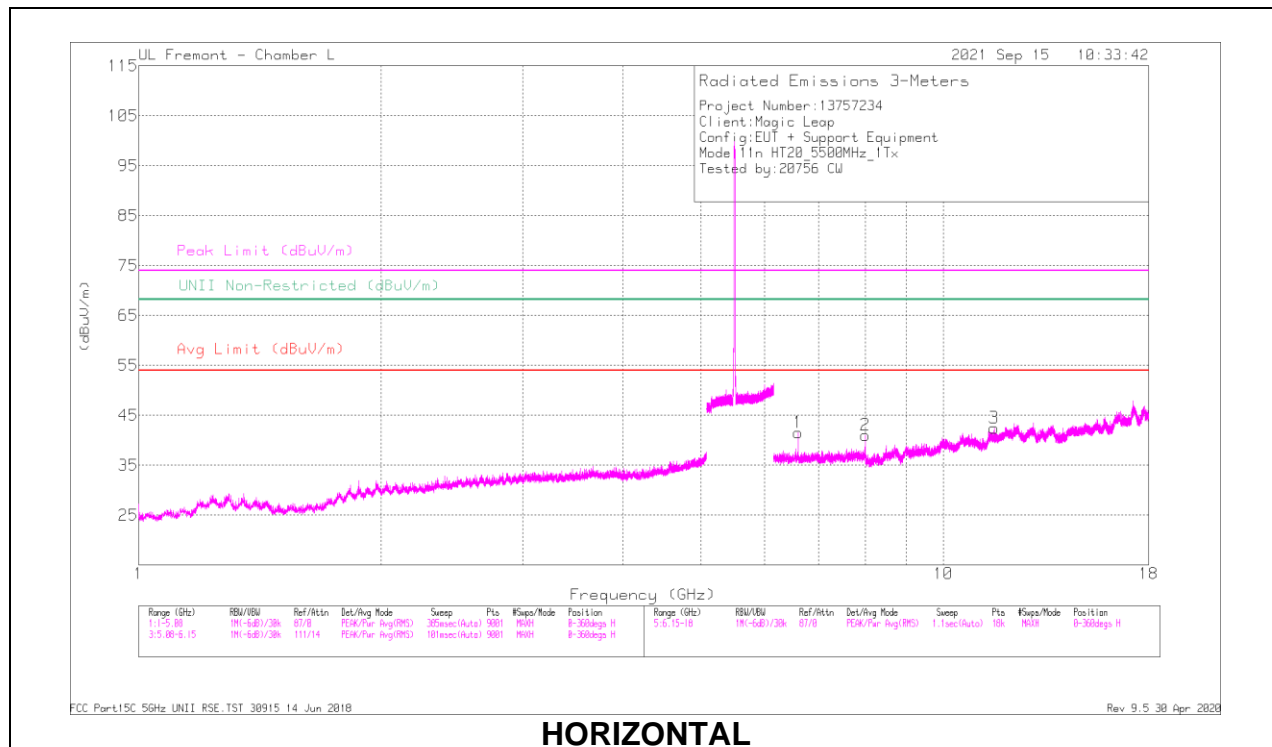


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	34.88	Pk	34.8	-13.9	55.78	68.2	-12.42	47	200	V
2	5.76798	37.37	Pk	34.8	-14	58.17	68.2	-10.03	47	200	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

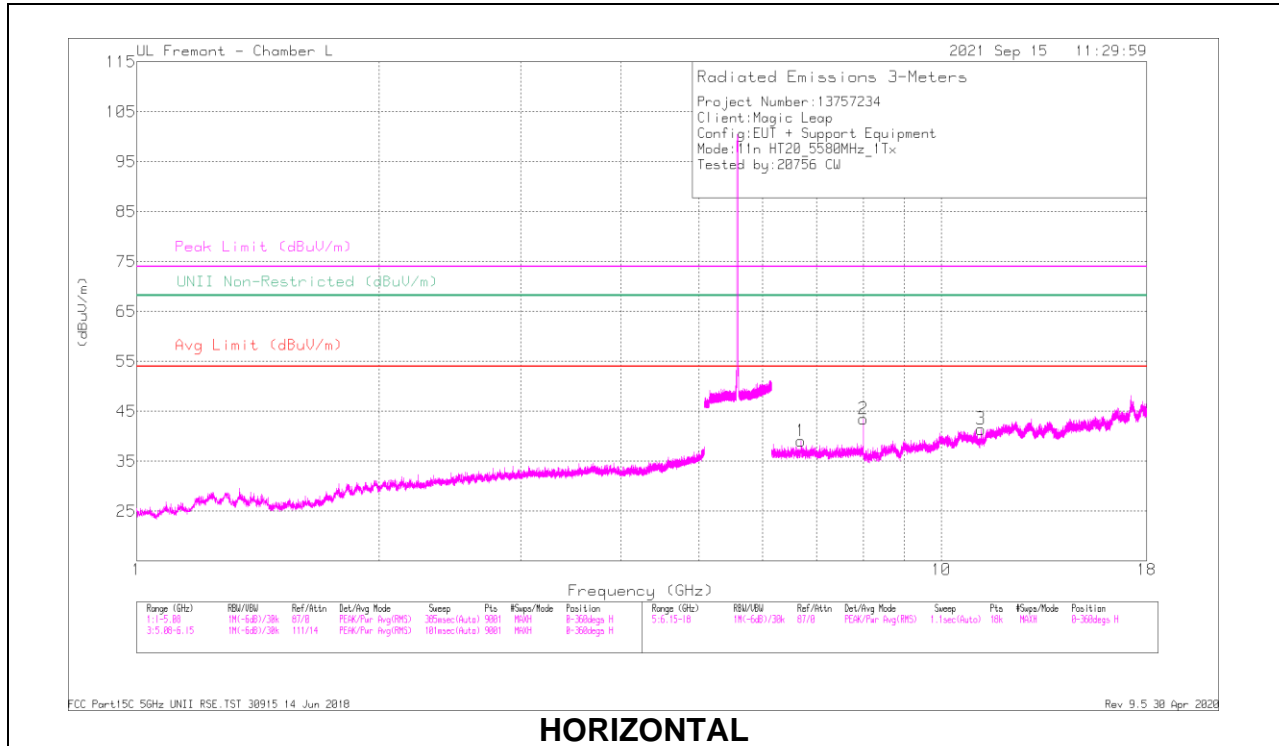
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Chaff/Trn/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.59998	32.41	PK-U	35.7	-21.1	47.01	-	-	-	-	68.2	-21.19	21	209	H
2	7.99936	29.3	PK-U	35.8	-18.6	46.5	-	-	-	-	68.2	-21.7	360	268	H
3	* 11.56589	26.28	PK-U	38.7	-16.4	48.58	-	-	74	-25.42	-	-	246	154	H
	* 11.56571	16.07	ADR	38.7	-16.4	38.37	54	-15.63	-	-	-	-	246	154	H
4	6.59989	30.78	PK-U	35.7	-21.1	45.38	-	-	-	-	68.2	-22.82	296	275	V
5	8.00001	30.31	PK-U	35.8	-18.6	47.51	-	-	-	-	68.2	-20.69	154	108	V
6	* 11.78556	26.15	PK-U	39.1	-16.7	48.55	-	-	74	-25.45	-	-	351	106	V
	* 11.7855	16.78	ADR	39.1	-16.7	39.18	54	-14.82	-	-	-	-	351	106	V

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

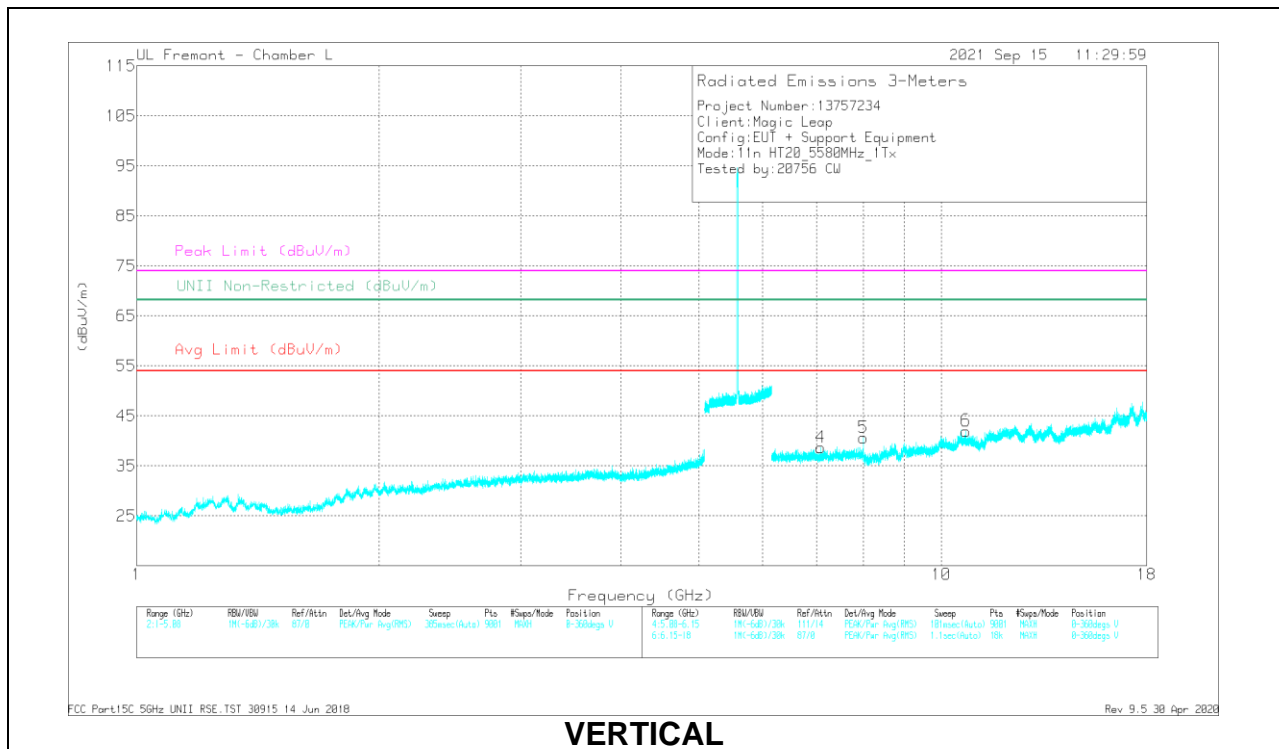
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

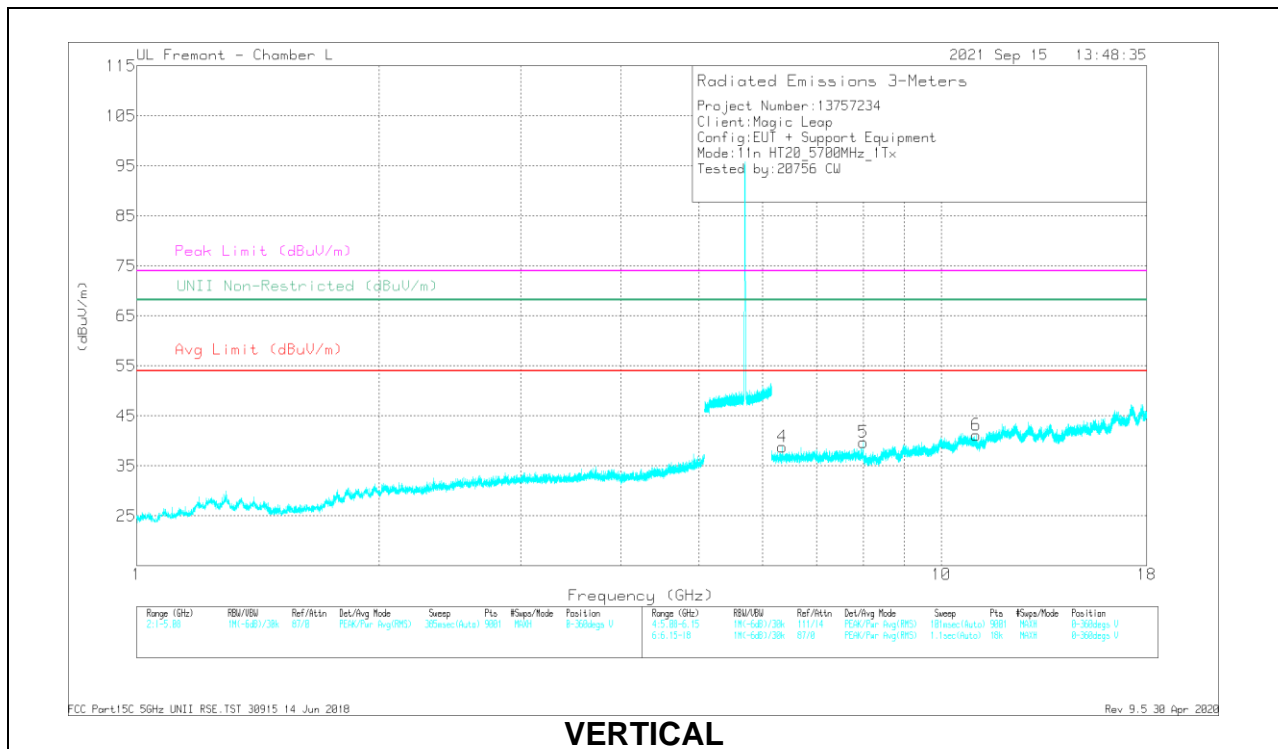
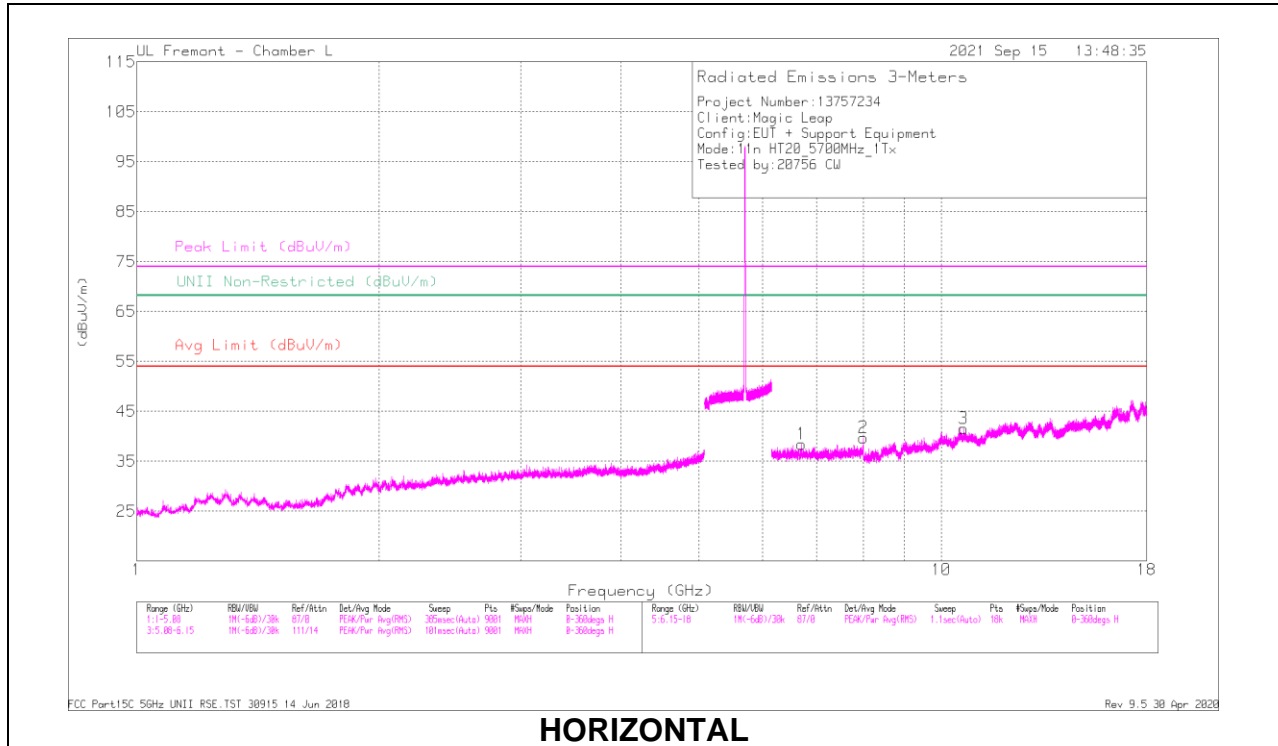
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cbaf/Fltr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.69602	28.96	PK-U	35.8	-21.4	43.36	-	-	-	-	68.2	-24.84	73	202	H
2	8.00001	25.02	PK-U	35.8	-18.6	42.22	-	-	-	-	68.2	-25.98	328	295	H
3	* 11.20888	25.49	PK-U	37.9	-16.2	47.19	-	-	74	-26.81	-	-	15	149	H
	* 11.20921	16.14	ADR	37.9	-16.2	37.84	54	-16.16	-	-	-	-	15	149	H
4	7.08531	29.53	PK-U	35.6	-21.1	44.03	-	-	-	-	68.2	-24.17	332	273	V
5	8.00001	26.9	PK-U	35.8	-18.6	44.1	-	-	-	-	68.2	-24.1	12	178	V
6	* 10.74142	27.13	PK-U	37.9	-16.4	48.63	-	-	74	-25.37	-	-	16	162	V
	* 10.74182	16.37	ADR	37.9	-16.4	37.87	54	-16.13	-	-	-	-	16	162	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

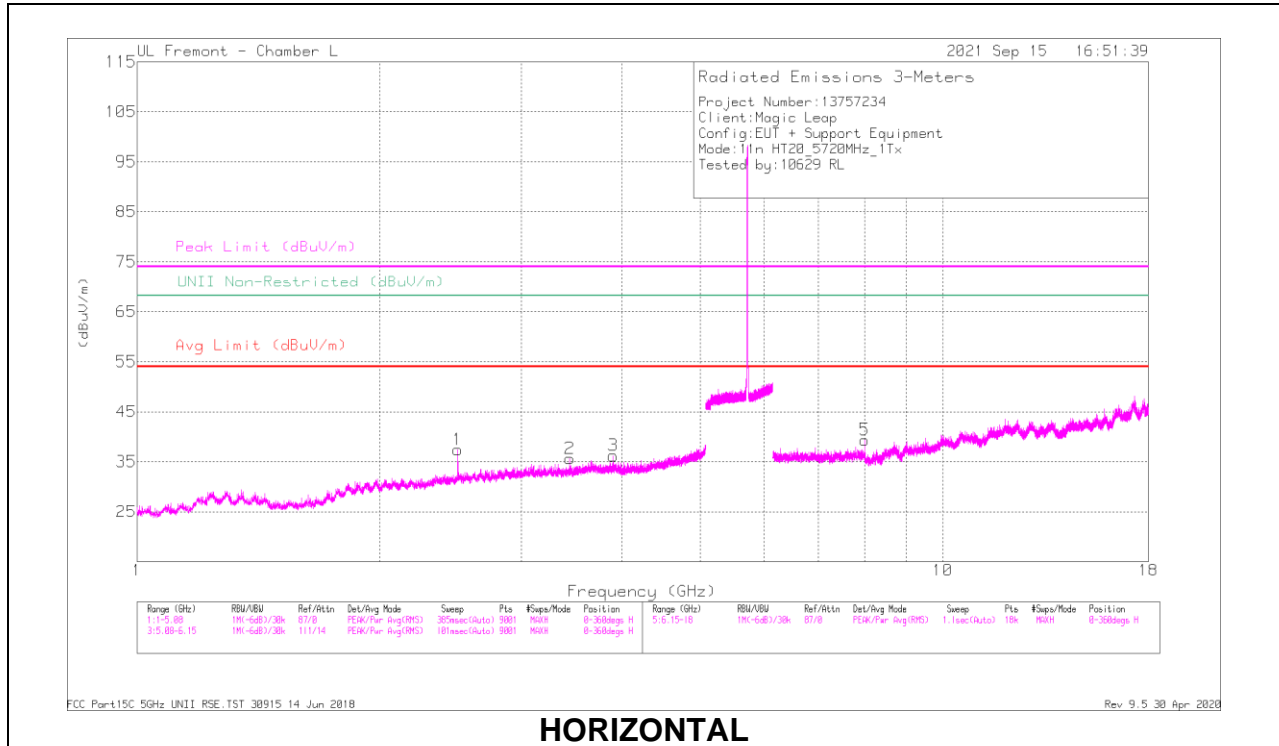


RADIATED EMISSIONS

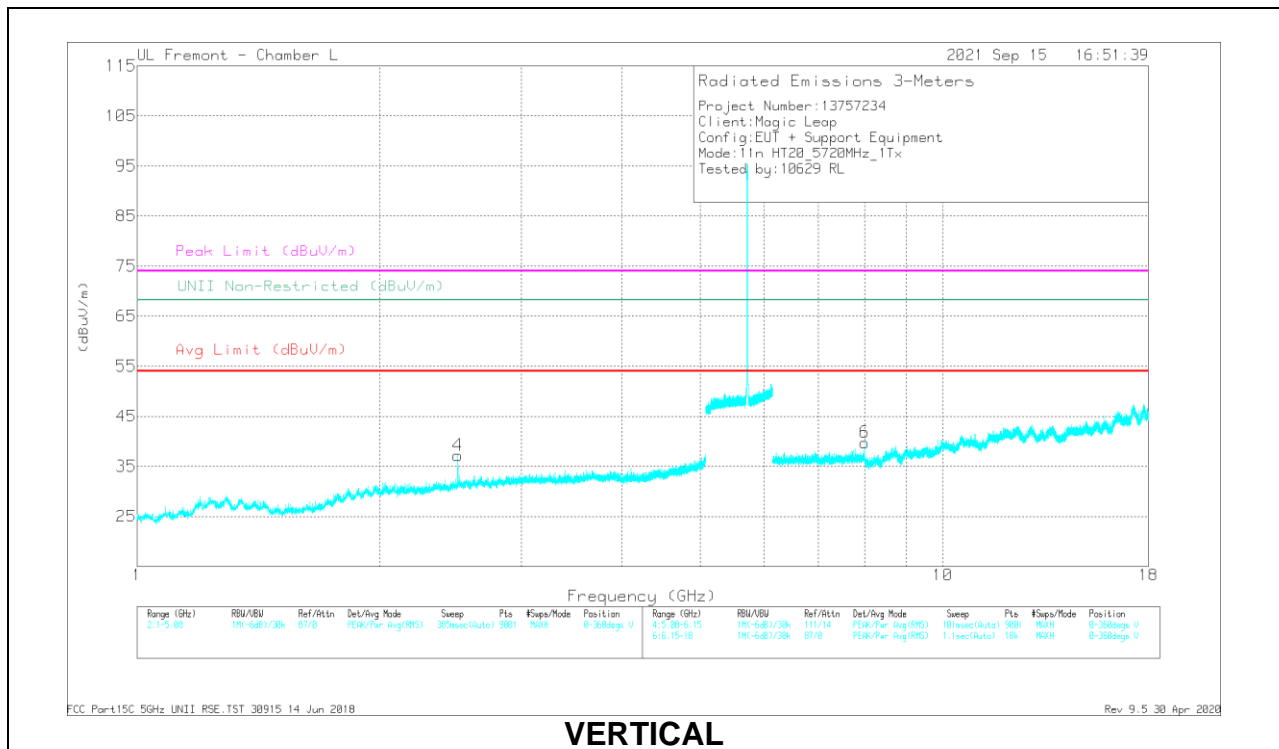
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Ch/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	6.70798	30.23	PK-U	35.7	-21.4	44.53	-	-	-	-	68.2	-23.67	279	274	H
2	8	31.73	PK-U	35.8	-18.6	48.93	-	-	-	-	68.2	-19.27	183	107	H
3	* 10.85558	26.07	PK-U	37.8	-16.5	47.37	-	-	74	-26.63	-	-	69	108	H
	* 10.85558	15.76	ADR	37.8	-16.5	37.06	54	-16.94	-	-	-	-	69	108	H
4	6.34366	30.32	PK-U	35.6	-21.5	44.42	-	-	-	-	68.2	-23.78	273	271	V
5	8.00001	27.77	PK-U	35.8	-18.6	44.97	-	-	-	-	68.2	-23.23	157	178	V
6	* 11.04759	26.24	PK-U	37.6	-16.5	47.34	-	-	74	-26.66	-	-	56	116	V
	* 11.04793	16.15	ADR	37.6	-16.5	37.25	54	-16.75	-	-	-	-	56	116	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

CHANNEL 144 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	41.37	PK-U	32.4	-29.1	44.67	-	-	74	-29.33	-	-	172	113	H
	* 2.49994	33.38	ADR	32.4	-29.1	36.68	54	-17.32	-	-	-	-	172	113	H
2	3.43853	37.65	PK-U	32.7	-26.5	43.85	-	-	-	-	68.2	-24.35	236	101	H
3	* 3.89598	35.82	PK-U	33.2	-25.2	43.82	-	-	74	-30.18	-	-	242	105	H
	* 3.89338	24.28	ADR	33.2	-25.3	32.18	54	-21.82	-	-	-	-	242	105	H
4	* 2.49981	41.65	PK-U	32.4	-29.1	44.95	-	-	74	-29.05	-	-	62	290	V
5	8.00002	30.28	PK-U	35.8	-18.6	47.48	-	-	-	-	68.2	-20.72	322	379	H
6	8.00027	29.24	PK-U	35.8	-18.6	46.44	-	-	-	-	68.2	-21.76	203	206	V

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

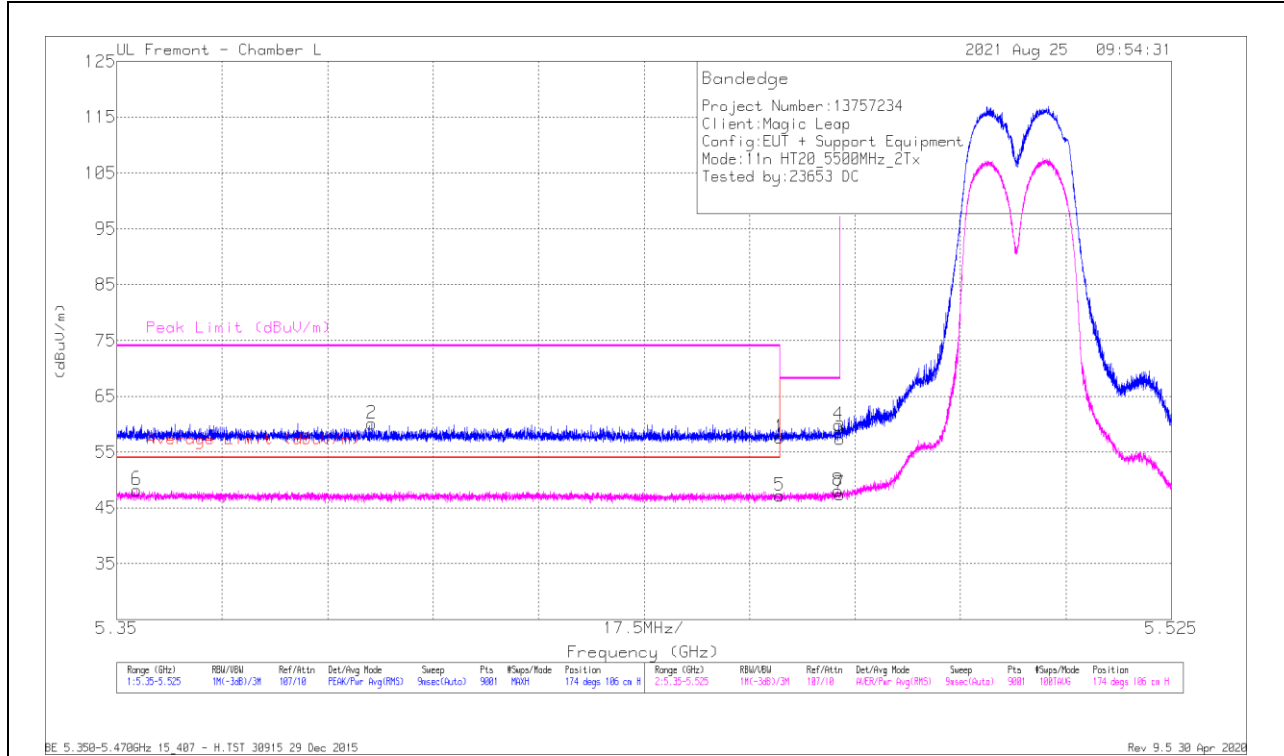
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



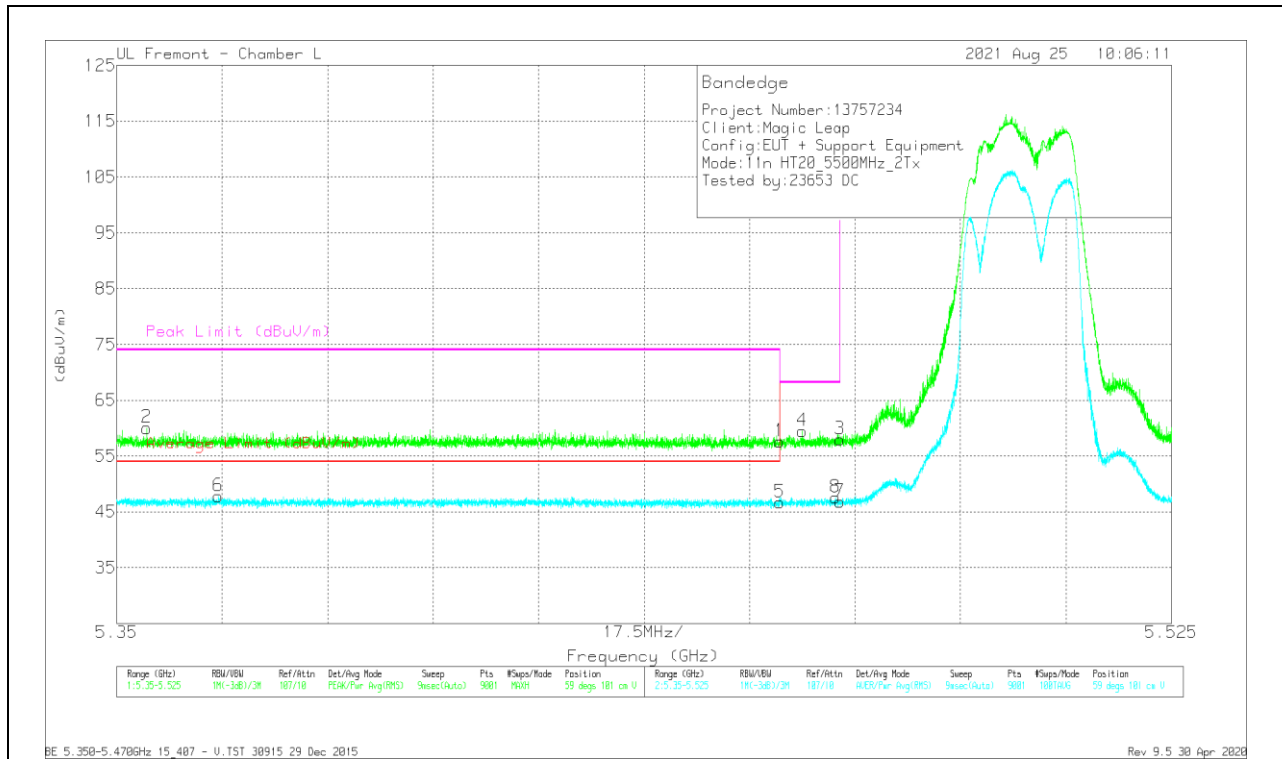
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	36.88	Pk	34.9	-14.2	57.58	-	-	74	-16.42	174	106	H
2	* 5.39235	39.48	Pk	34.9	-14.3	60.08	-	-	74	-13.92	174	106	H
3	5.46999	36.68	Pk	34.9	-14.2	57.38	-	-	68.2	-10.82	174	106	H
4	5.46981	39.13	Pk	34.9	-14.2	59.83	-	-	68.2	-8.37	174	106	H
5	* 5.45999	26.46	RMS	34.9	-14.2	47.16	54	-6.84	-	-	174	106	H
6	* 5.35334	27.74	RMS	34.9	-14.4	48.24	54	-5.76	-	-	174	106	H
7	5.46999	26.8	RMS	34.9	-14.2	47.5	-	-	-	-	174	106	H
8	5.46968	27.36	RMS	34.9	-14.2	48.06	-	-	-	-	174	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

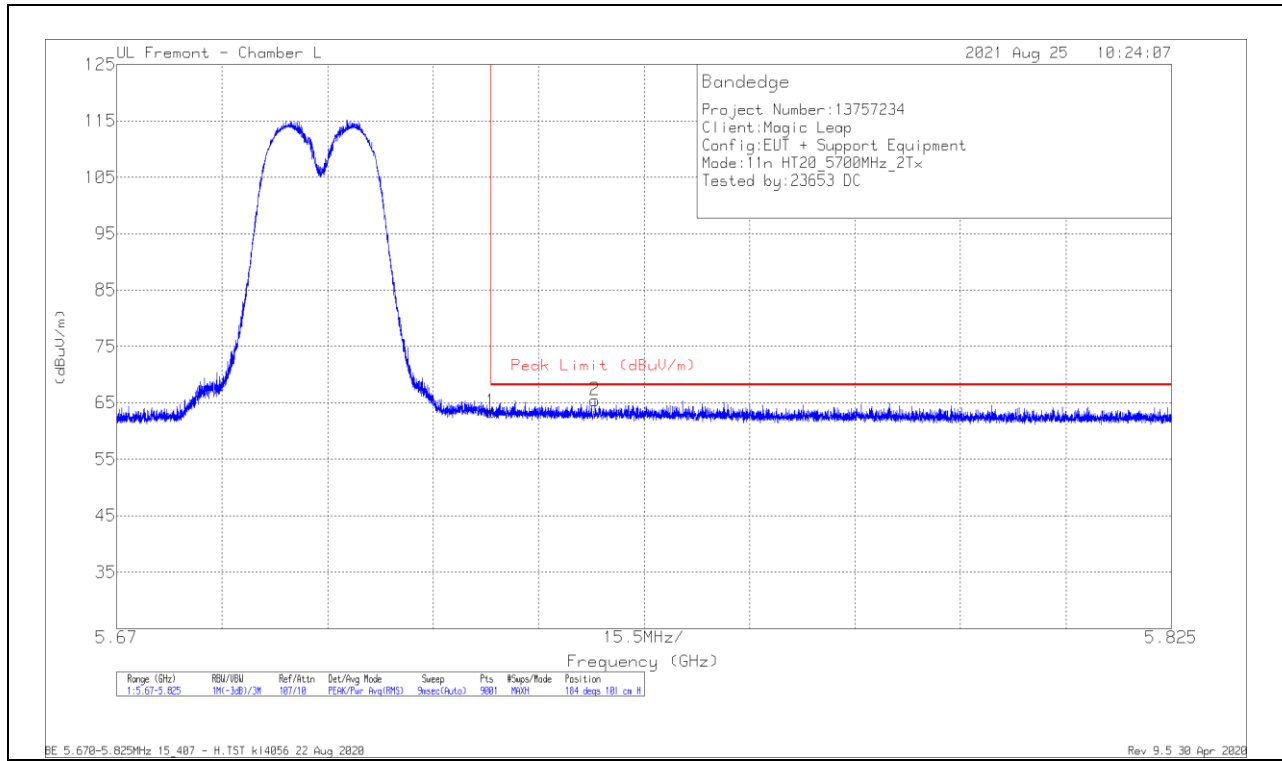


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	36.94	Pk	34.9	-14.2	57.64	-	-	74	-16.36	59	101	V
2	* 5.35498	39.54	Pk	34.9	-14.4	60.04	-	-	74	-13.96	59	101	V
3	5.46999	37.27	Pk	34.9	-14.2	57.97	-	-	68.2	-10.23	59	101	V
4	5.46371	38.73	Pk	34.9	-14.2	59.43	-	-	68.2	-8.77	59	101	V
5	* 5.45999	26.03	RMS	34.9	-14.2	46.73	54	-7.27	-	-	59	101	V
6	* 5.36688	27.31	RMS	34.9	-14.4	47.81	54	-6.19	-	-	59	101	V
7	5.46999	26.12	RMS	34.9	-14.2	46.82	-	-	-	-	59	101	V
8	5.46921	26.86	RMS	34.9	-14.2	47.56	-	-	-	-	59	101	V

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

BANDEDGE (HIGH CHANNEL)

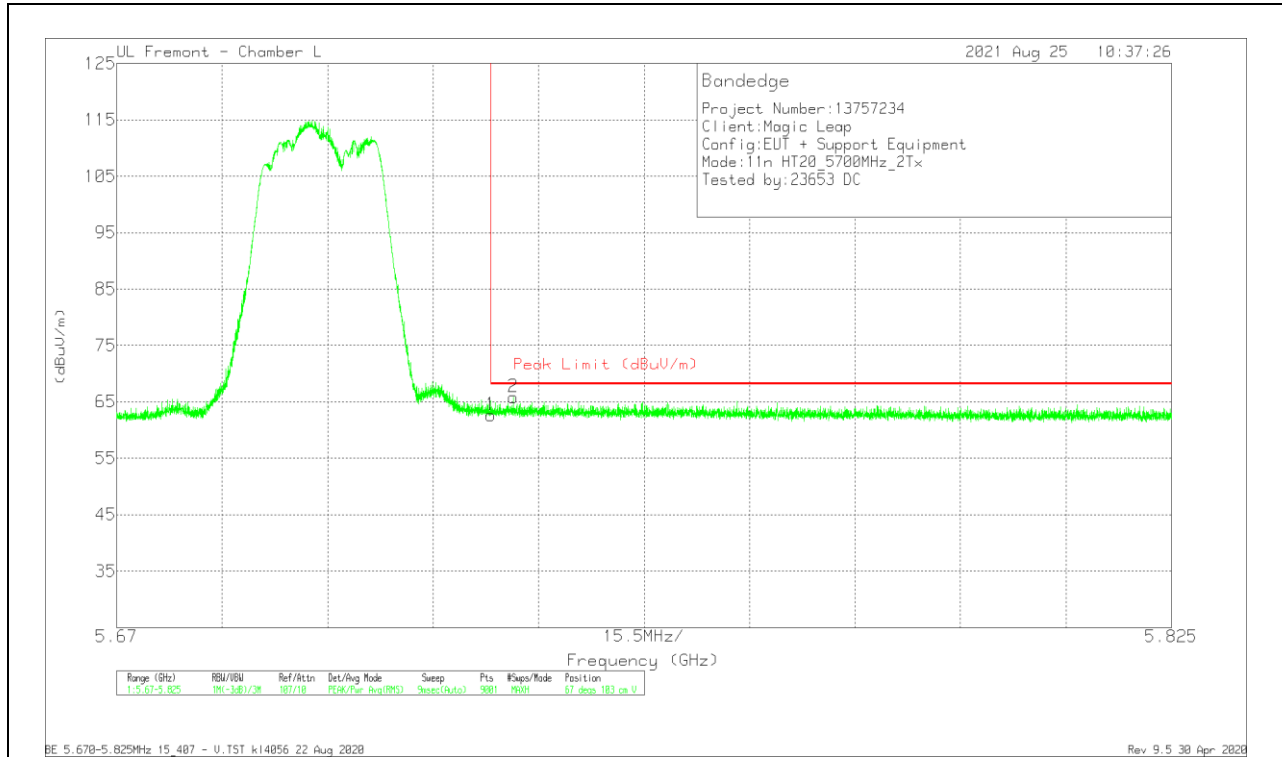
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	32.79	Pk	34.8	-4.2	63.39	68.2	-4.81	184	101	H
2	5.74025	34.98	Pk	34.8	-4.3	65.48	68.2	-2.72	184	101	H

Pk - Peak detector

VERTICAL RESULT

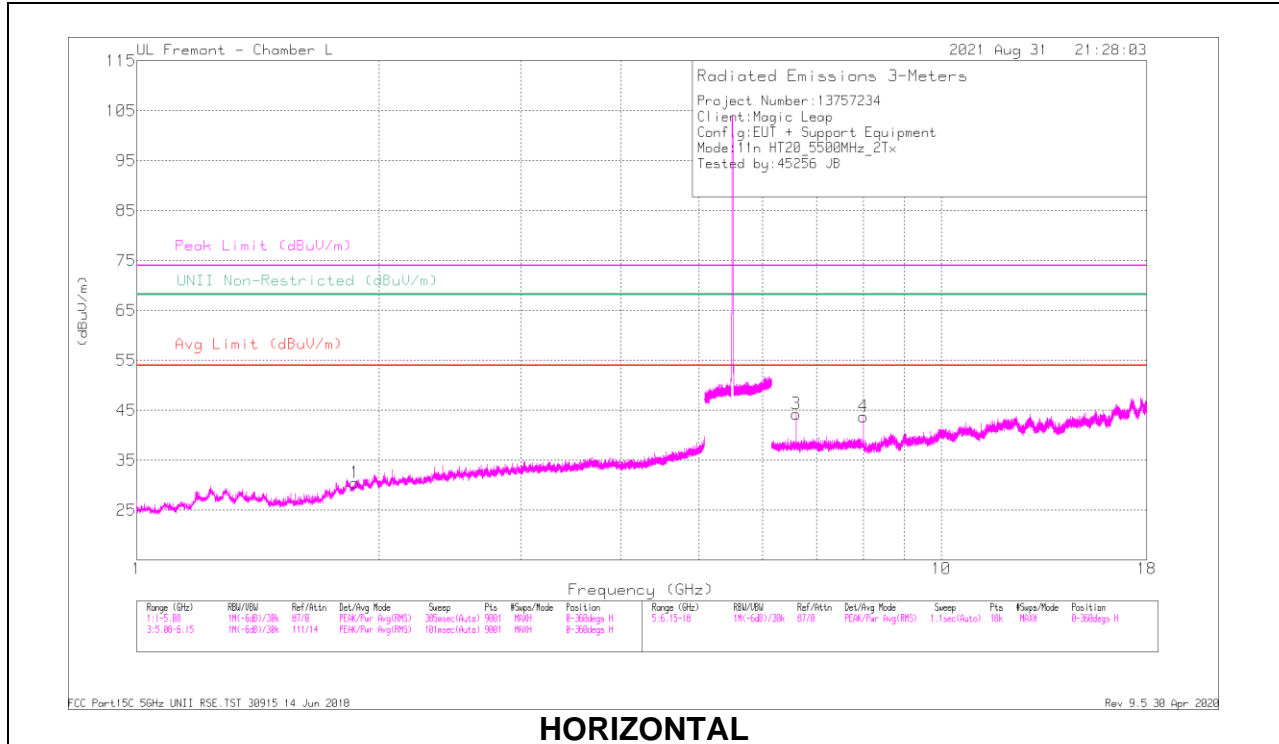


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	32.02	Pk	34.8	-4.2	62.62	68.2	-5.58	67	103	V
2	5.72831	35.22	Pk	34.8	-4.2	65.82	68.2	-2.38	67	103	V

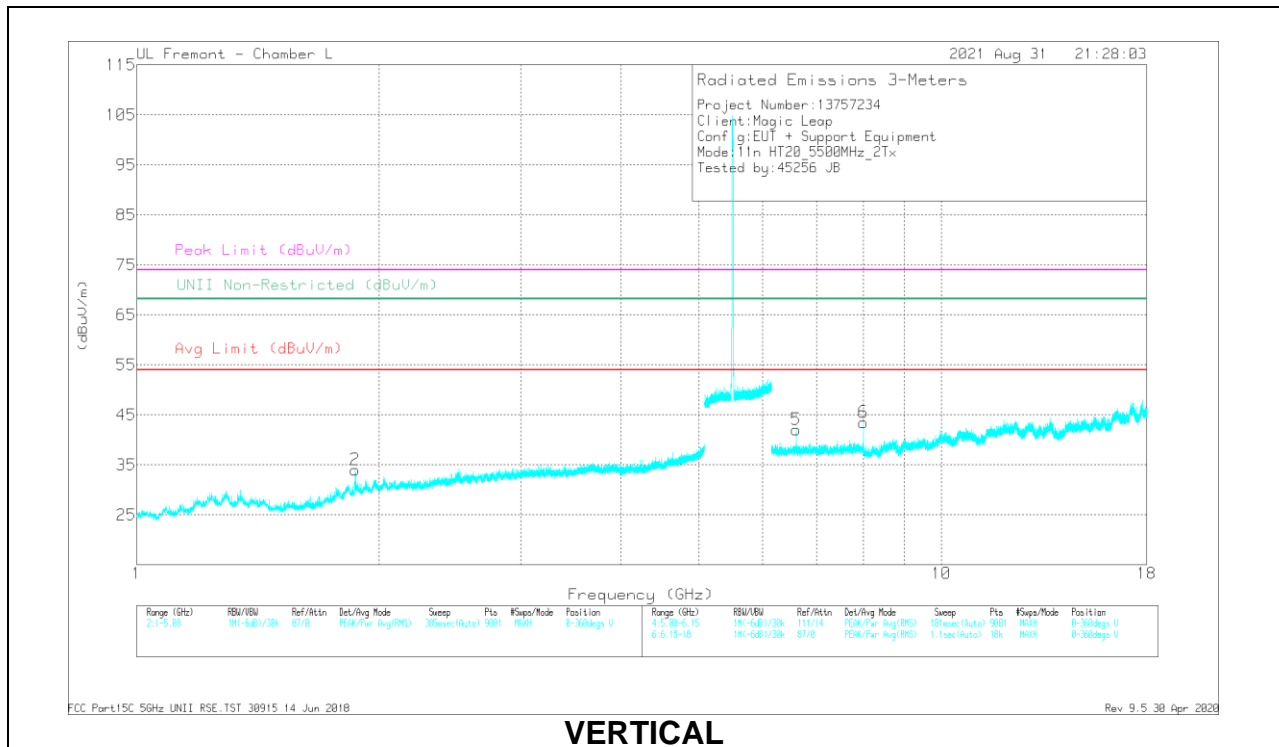
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



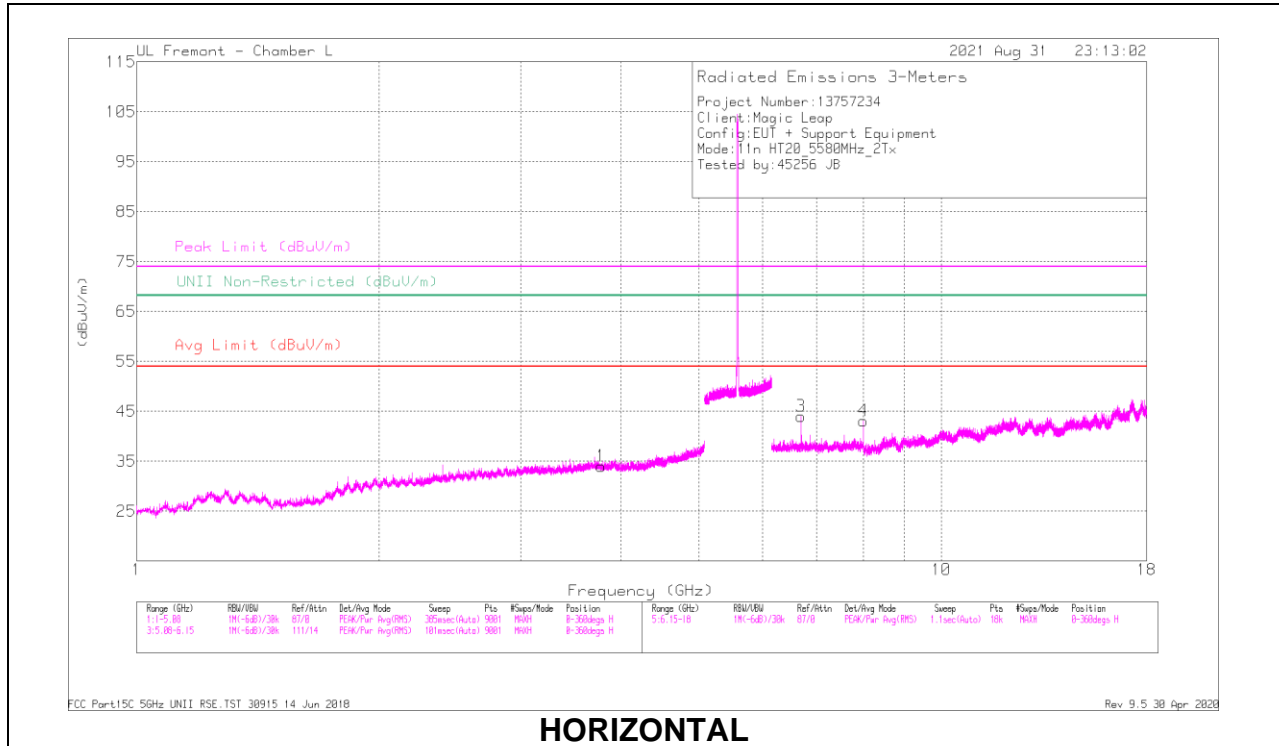
VERTICAL

RADIATED EMISSIONS

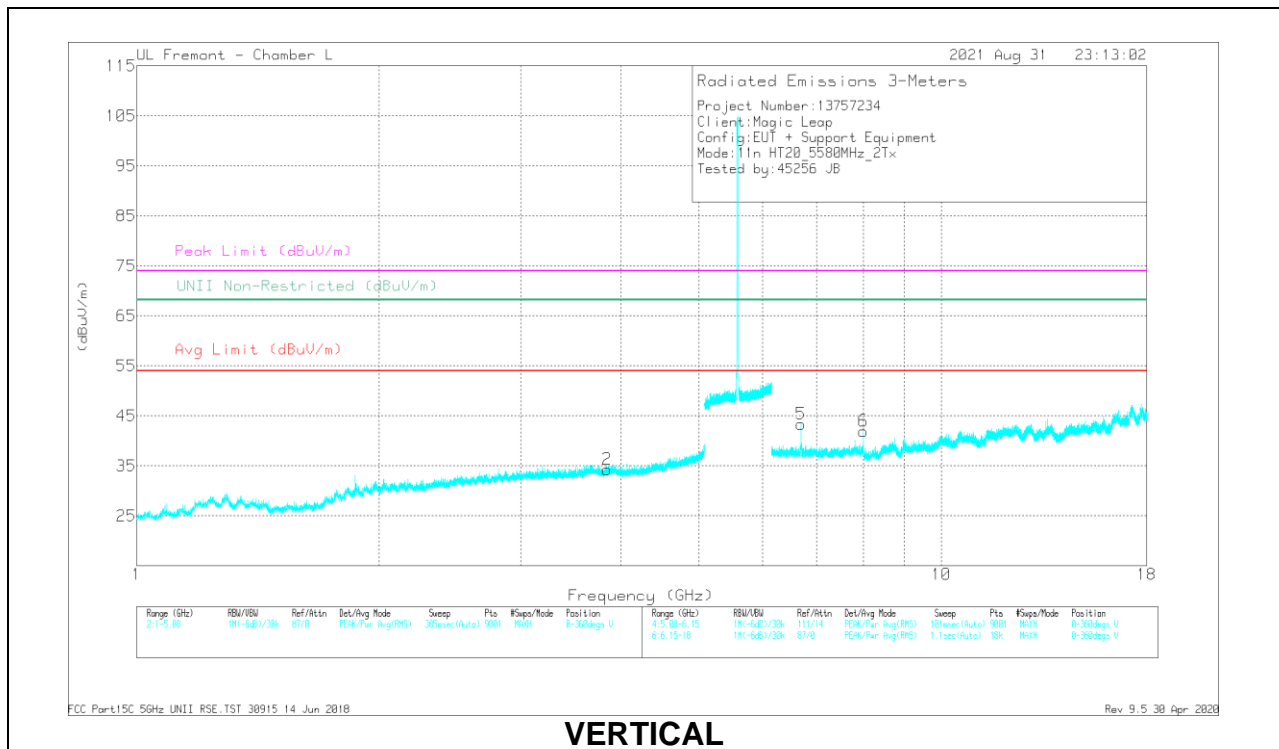
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 1119 (dBm)	AmpCdb/FtrrPad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.86764	38.21	PK-U	30.9	-31	38.11	-	-	-	-	68.2	-30.09	220	246	H
2	1.8686	41.08	PK-U	30.9	-31	40.98	-	-	-	-	68.2	-27.22	109	146	V
3	6.60003	34.43	PK-U	35.7	-21.1	49.03	-	-	-	-	68.2	-19.17	338	223	H
4	8.00013	32.18	PK-U	35.8	-18.6	49.38	-	-	-	-	68.2	-18.82	253	109	H
5	6.6001	34.9	PK-U	35.7	-21.1	49.5	-	-	-	-	68.2	-18.7	315	105	V
6	8.00025	31.52	PK-U	35.8	-18.6	48.72	-	-	-	-	68.2	-19.48	294	318	V

PK-U - U-NII: Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

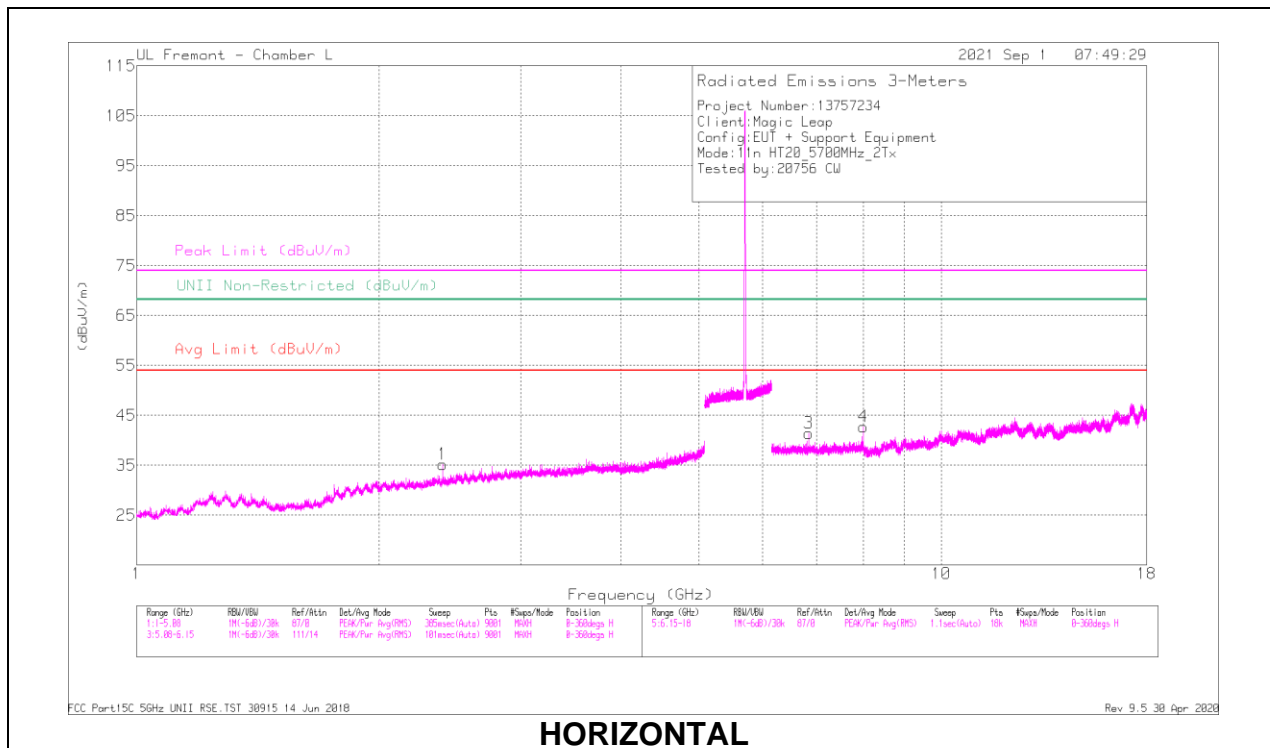
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.77613	36.18	PK-U	33.1	-26.7	42.58	-	-	74	-31.42	-	-	280	138	H
	* 3.78902	24.38	ADR	33.1	-26.6	30.88	54	-23.12	-	-	-	-	280	138	H
2	* 3.84477	35.12	PK-U	33.2	-26.2	42.12	-	-	74	-31.88	-	-	42	217	V
	* 3.8448	23.96	ADR	33.2	-26.2	30.96	54	-23.04	-	-	-	-	42	217	V
3	6.69388	34.48	PK-U	35.8	-21.5	48.78	-	-	-	-	68.2	-19.42	2	154	H
4	8.00005	32.48	PK-U	35.8	-18.6	49.68	-	-	-	-	68.2	-18.52	300	109	H
5	6.69595	36.58	PK-U	35.8	-21.4	50.98	-	-	-	-	68.2	-17.22	328	105	V
6	7.99993	31.65	PK-U	35.8	-18.6	48.85	-	-	-	-	68.2	-19.35	298	105	V

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

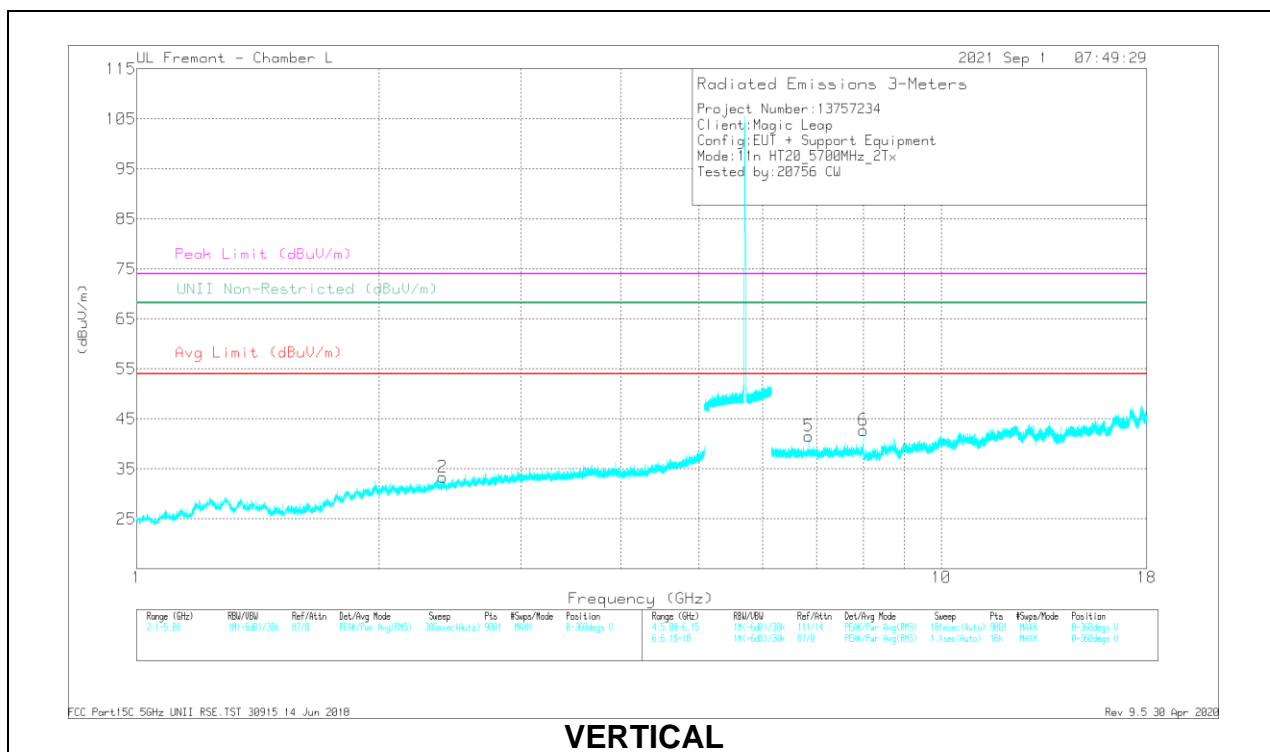
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



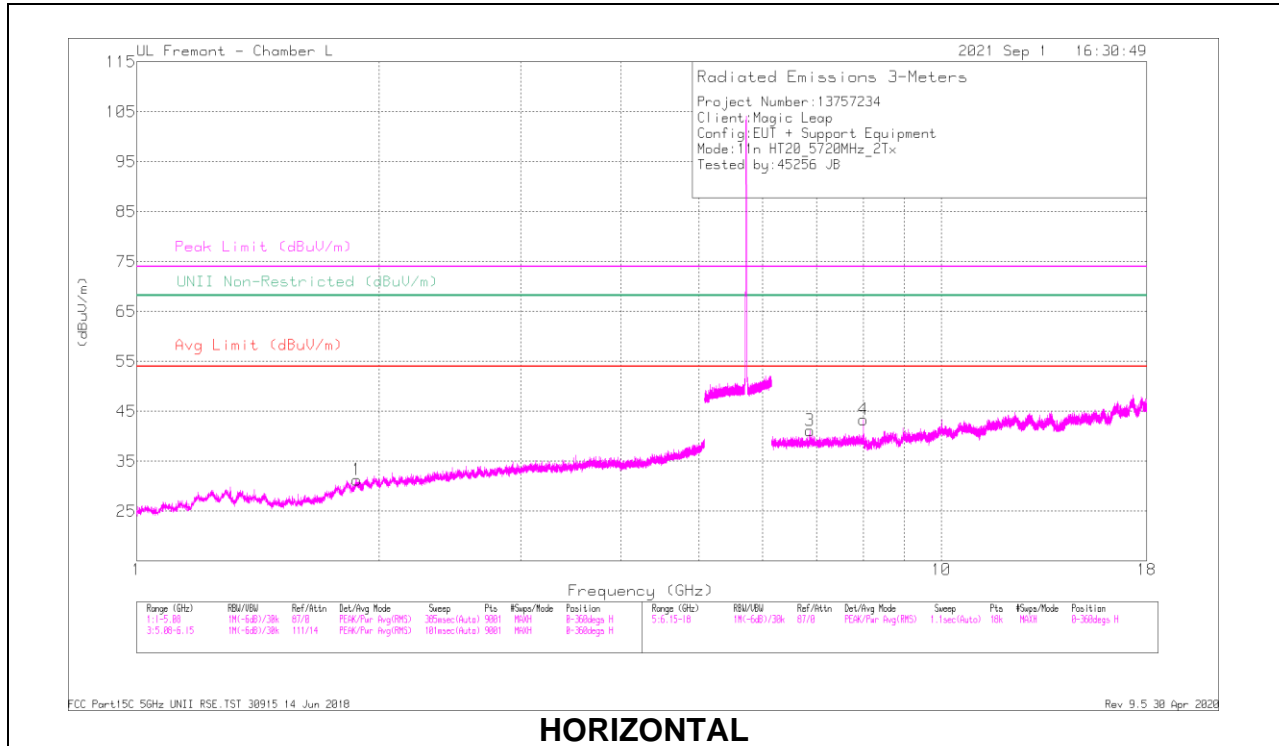
VERTICAL

RADIATED EMISSIONS

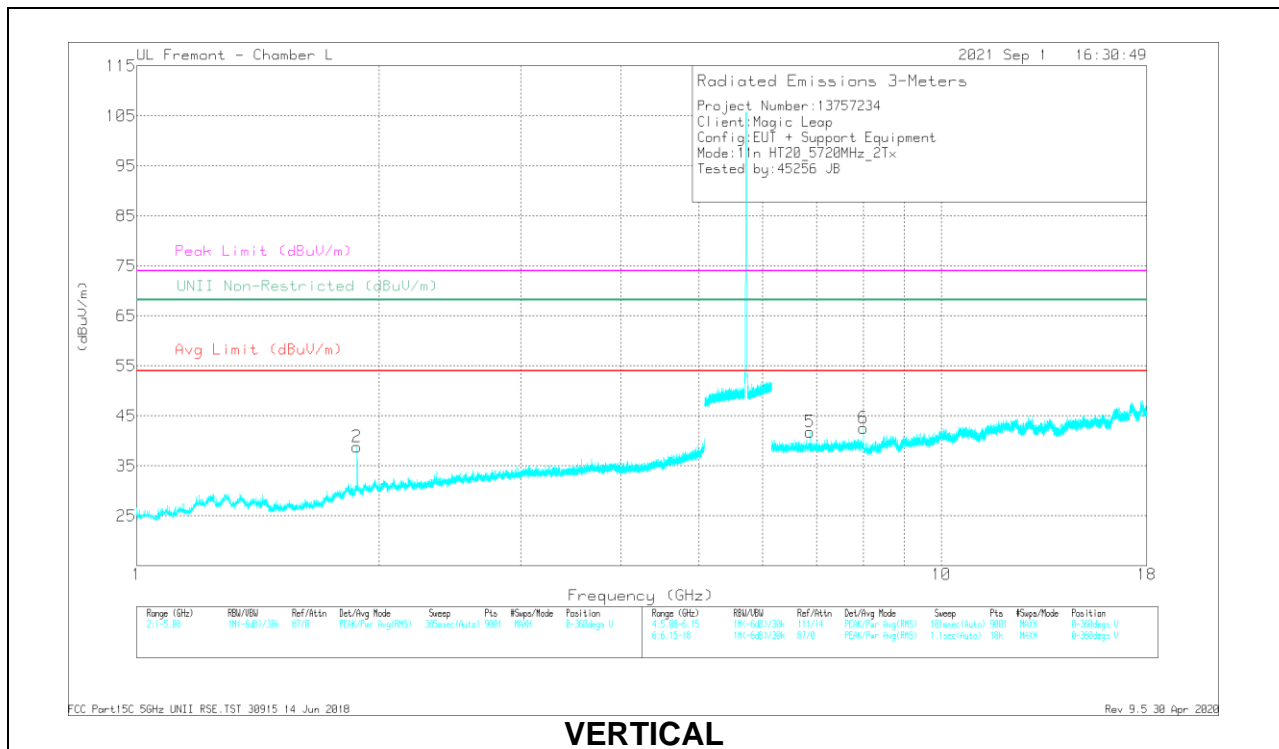
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCdb/FtrrPad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.39981	39.07	PK-U	32	-29.3	41.77	-	-	-	-	68.2	-26.43	169	119	H
2	2.40004	38.93	PK-U	32	-29.3	41.63	-	-	-	-	68.2	-26.57	221	117	V
3	6.83998	34.26	PK-U	35.6	-21.4	48.46	-	-	-	-	68.2	-19.74	72	104	H
4	7.9972	31.33	PK-U	35.8	-18.6	48.53	-	-	-	-	68.2	-19.67	168	117	H
5	6.84002	34.52	PK-U	35.6	-21.4	48.72	-	-	-	-	68.2	-19.48	71	154	V
6	8.00001	31.84	PK-U	35.8	-18.6	49.04	-	-	-	-	68.2	-19.16	237	210	V

PK-U - U-NII: Maximum Peak

CHANNEL 144 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	1.87579	38.97	PK-U	31.1	-31	39.07	-	-	-	-	68.2	-29.13	318	112	H
2	1.87894	38.79	PK-U	31.2	-31	38.99	-	-	-	-	68.2	-29.21	111	333	V
3	6.86482	33.17	PK-U	35.7	-21.5	47.37	-	-	-	-	68.2	-20.83	95	112	H
4	8.00007	30.45	PK-U	35.8	-18.6	47.65	-	-	-	-	68.2	-20.55	50	101	H
5	6.86404	33.45	PK-U	35.7	-21.5	47.65	-	-	-	-	68.2	-20.55	86	273	V
6	7.99997	32.93	PK-U	35.8	-18.6	50.13	-	-	-	-	68.2	-18.07	181	120	V

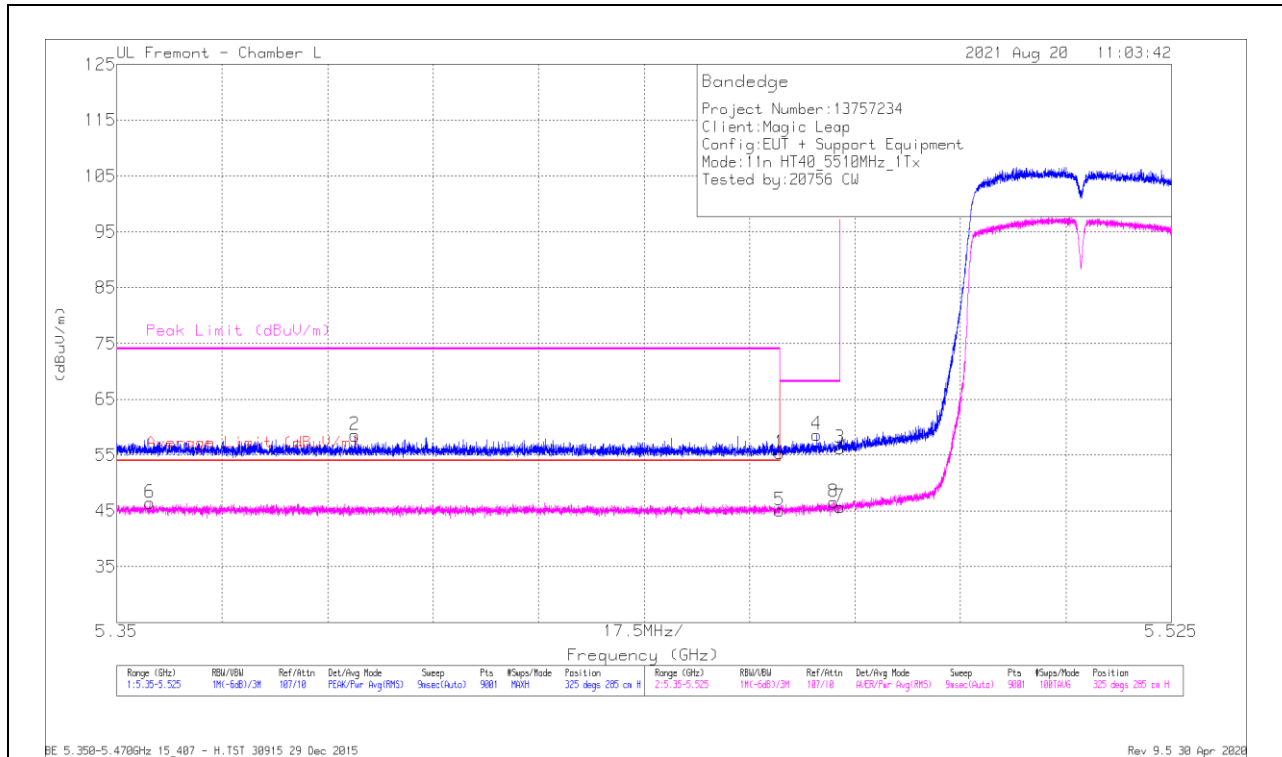
PK-U - U-NII: Maximum Peak

10.1.12. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



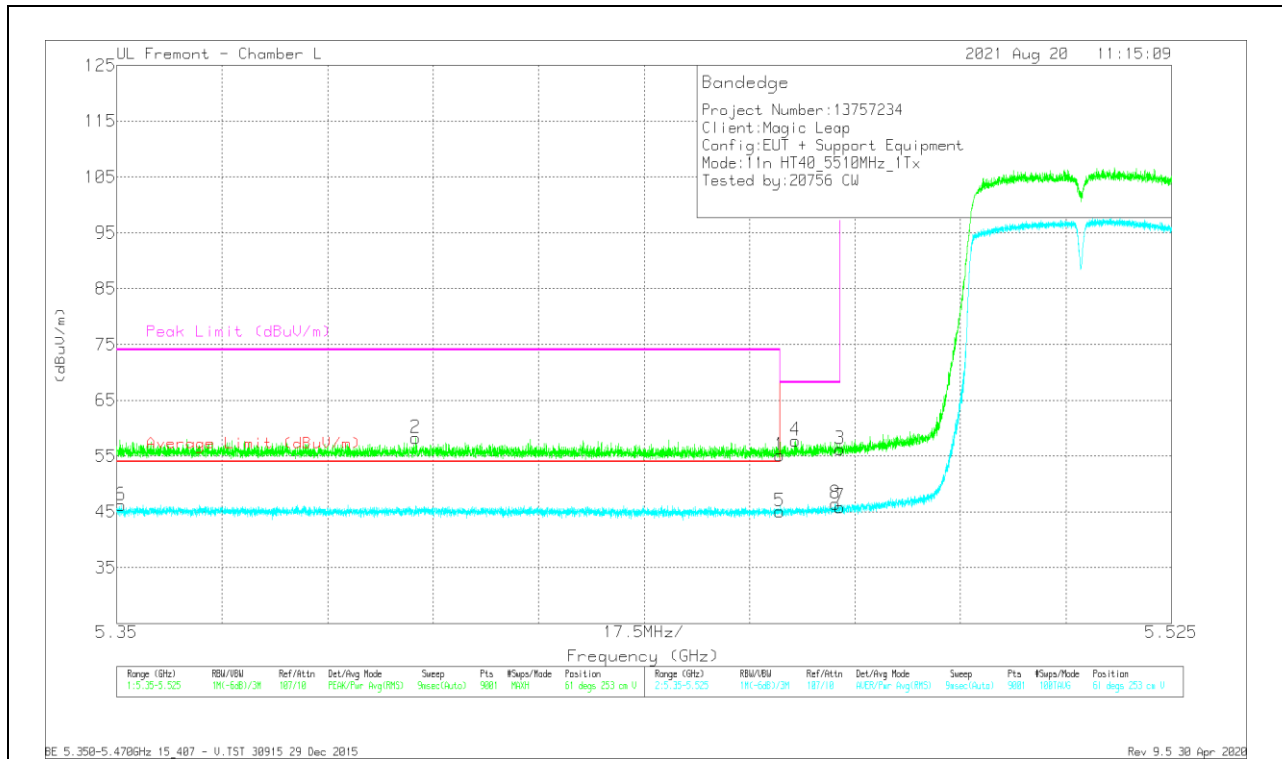
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.68	Pk	34.9	-14.2	55.38	-	-	74	-18.62	325	285	H
2	* 5.38955	37.95	Pk	34.9	-14.3	58.55	-	-	74	-15.45	325	285	H
3	5.46999	35.52	Pk	34.9	-14.2	56.22	-	-	68.2	-11.98	325	285	H
4	5.46616	37.97	Pk	34.9	-14.2	58.67	-	-	68.2	-9.53	325	285	H
5	* 5.45999	24.41	RMS	34.9	-14.2	45.11	54	-8.89	-	-	325	285	H
6	* 5.35546	25.99	RMS	34.9	-14.4	46.49	54	-7.51	-	-	325	285	H
7	5.46999	25.02	RMS	34.9	-14.2	45.72	-	-	-	-	325	285	H
8	5.46898	25.81	RMS	34.9	-14.2	46.51	-	-	-	-	325	285	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT

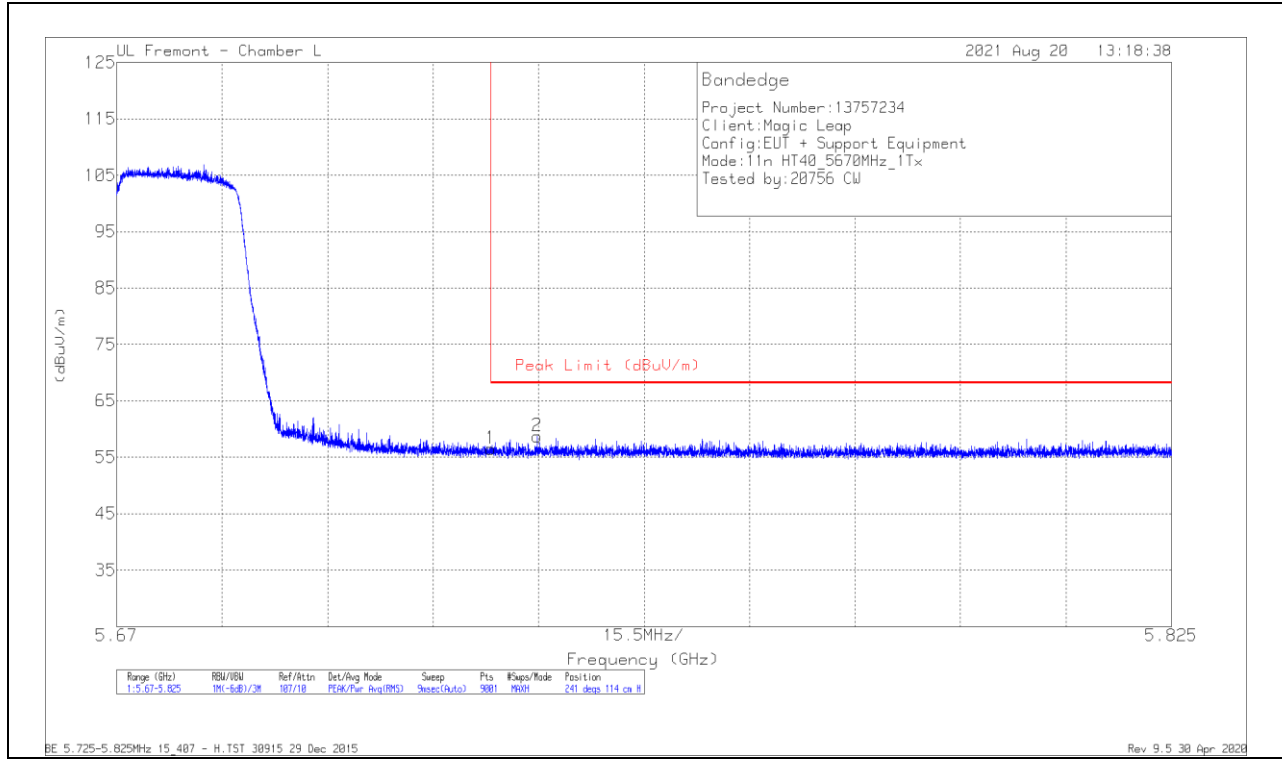


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pa d (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.42	Pk	34.9	-14.2	55.12	-	-	74	-18.88	61	253	V
2	* 5.39962	37.44	Pk	35	-14.2	58.24	-	-	74	-15.76	61	253	V
3	5.46999	35.55	Pk	34.9	-14.2	56.25	-	-	68.2	-11.95	61	253	V
4	5.46256	37.1	Pk	34.9	-14.2	57.8	-	-	68.2	-10.4	61	253	V
5	* 5.45999	24.36	RMS	34.9	-14.2	45.06	54	-8.94	-	-	61	253	V
6	* 5.35074	25.71	RMS	34.9	-14.4	46.21	54	-7.79	-	-	61	253	V
7	5.46999	25.18	RMS	34.9	-14.2	45.88	-	-	-	-	61	253	V
8	5.46923	25.8	RMS	34.9	-14.2	46.5	-	-	-	-	61	253	V

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

BANDEDGE (HIGH CHANNEL)

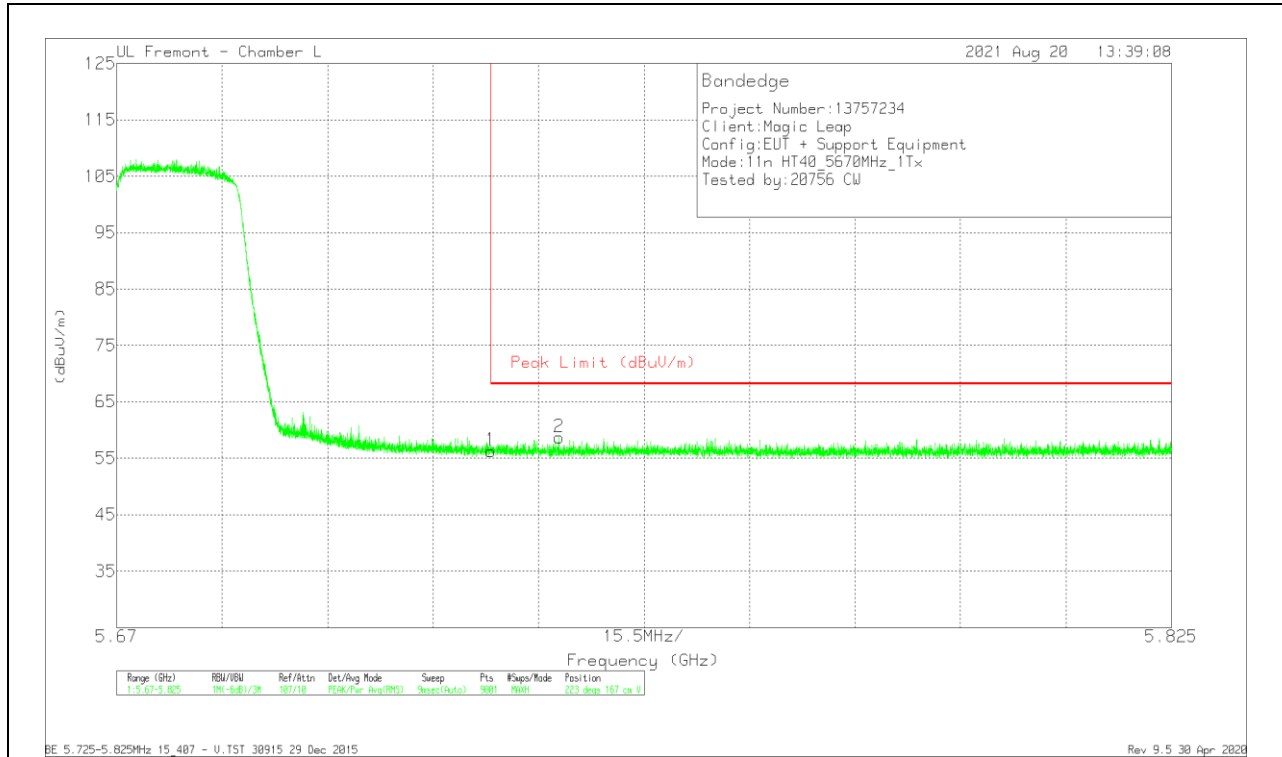
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	35.56	Pk	34.8	-13.9	56.46	68.2	-11.74	241	114	H
2	5.73181	37.84	Pk	34.8	-13.9	58.74	68.2	-9.46	241	114	H

Pk - Peak detector

VERTICAL RESULT

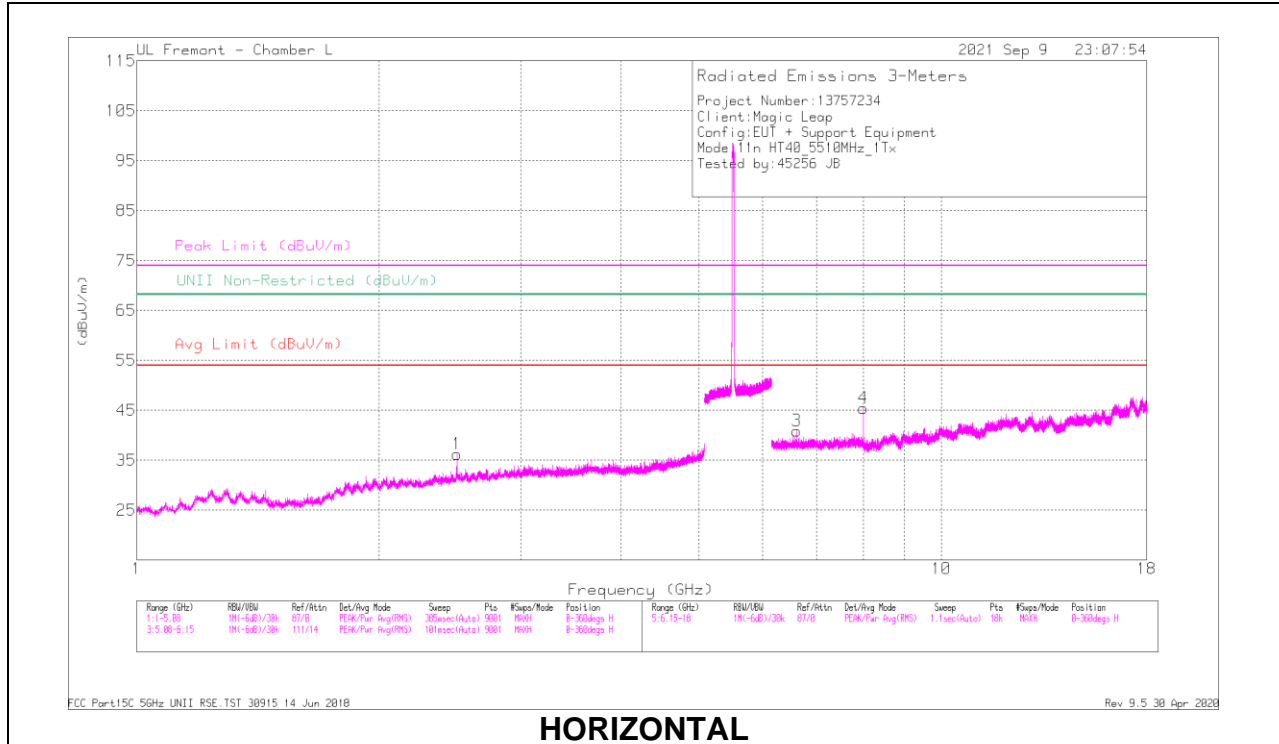


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	35.42	Pk	34.8	-13.9	56.32	68.2	-11.88	223	167	V
2	5.73498	37.82	Pk	34.8	-13.9	58.72	68.2	-9.48	223	167	V

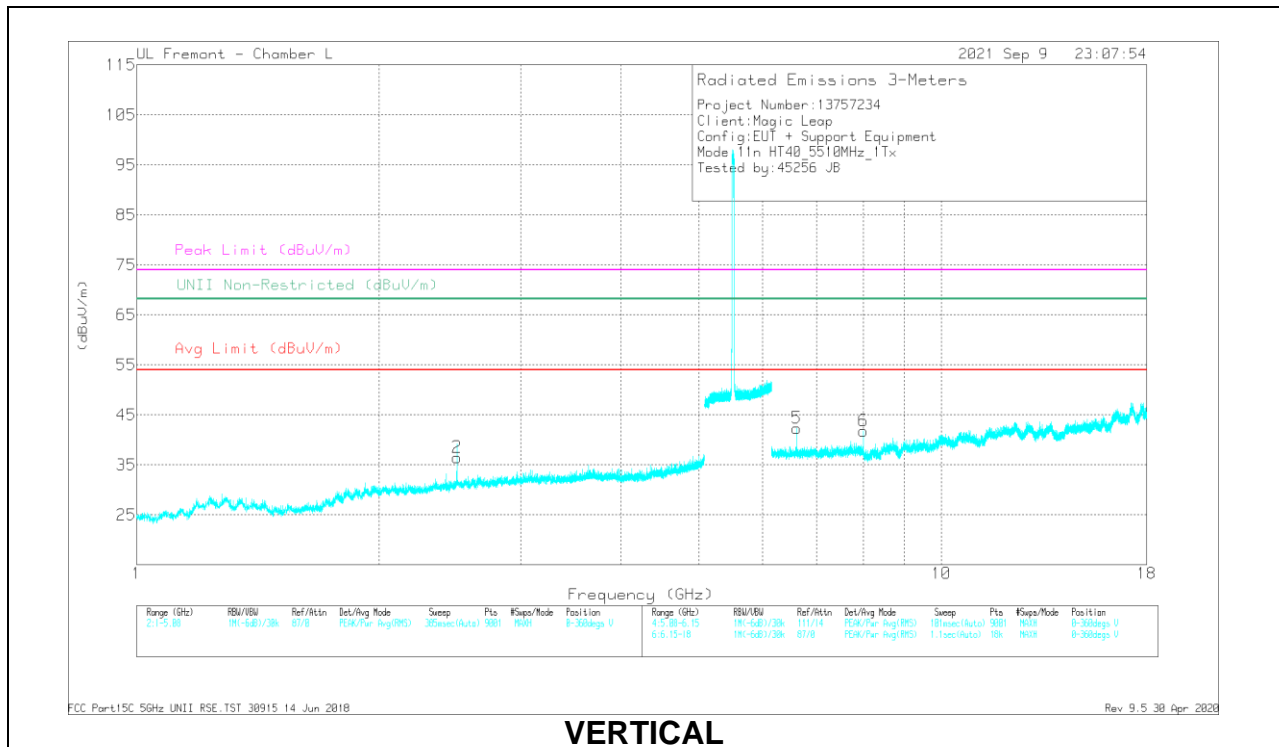
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

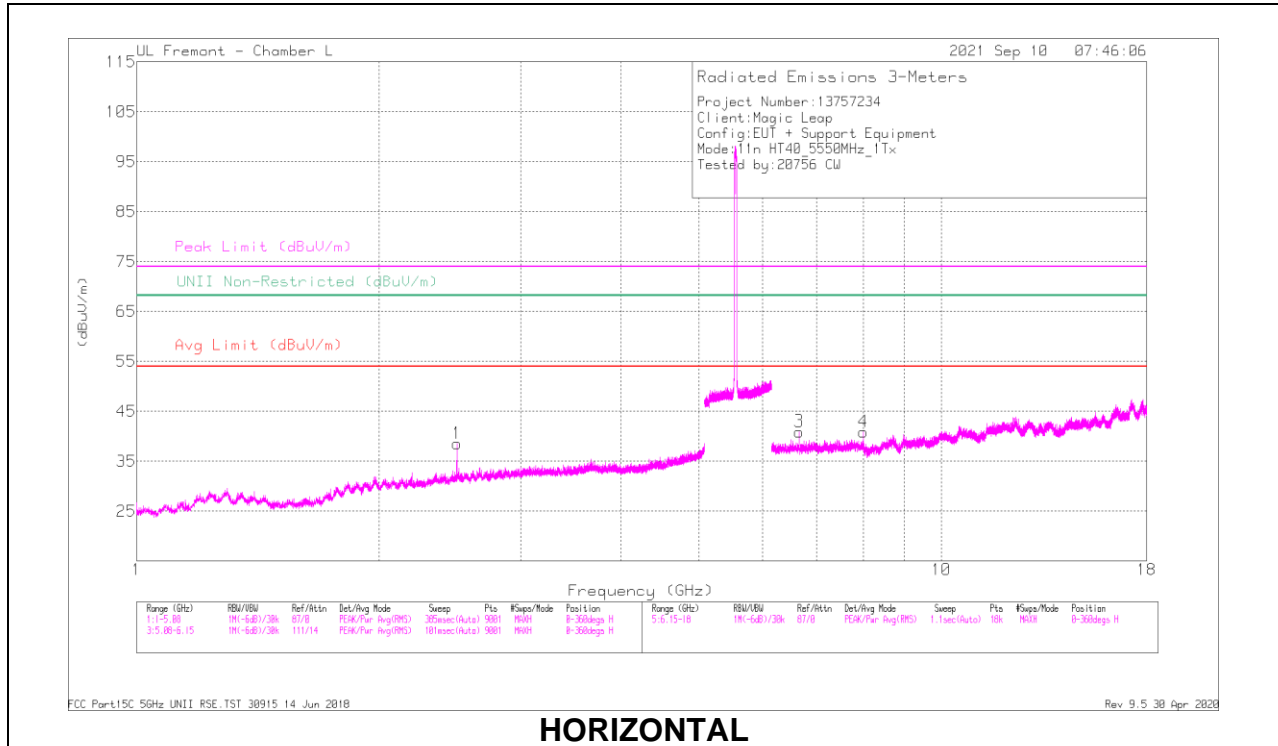
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49996	40.63	PK-U	32.4	-29.1	43.93	-	-	74	-30.07	-	-	89	111	H
	* 2.49993	32.08	ADR	32.4	-29.1	35.38	54	-18.62	-	-	-	-	89	111	H
2	* 2.49994	41.57	PK-U	32.4	-29.1	44.87	-	-	74	-29.13	-	-	124	268	V
	* 2.49998	34.75	ADR	32.4	-29.1	38.05	54	-15.95	-	-	-	-	124	268	V
3	6.61226	30.82	PK-U	35.7	-21.2	45.32	-	-	-	-	68.2	-22.88	283	176	H
4	8.00025	29.2	PK-U	35.8	-18.6	46.4	-	-	-	-	68.2	-21.8	328	111	H
5	6.61209	30.81	PK-U	35.7	-21.2	45.31	-	-	-	-	68.2	-22.89	253	233	V
6	8.0004	28.53	PK-U	35.8	-18.6	45.73	-	-	-	-	68.2	-22.47	281	229	V

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

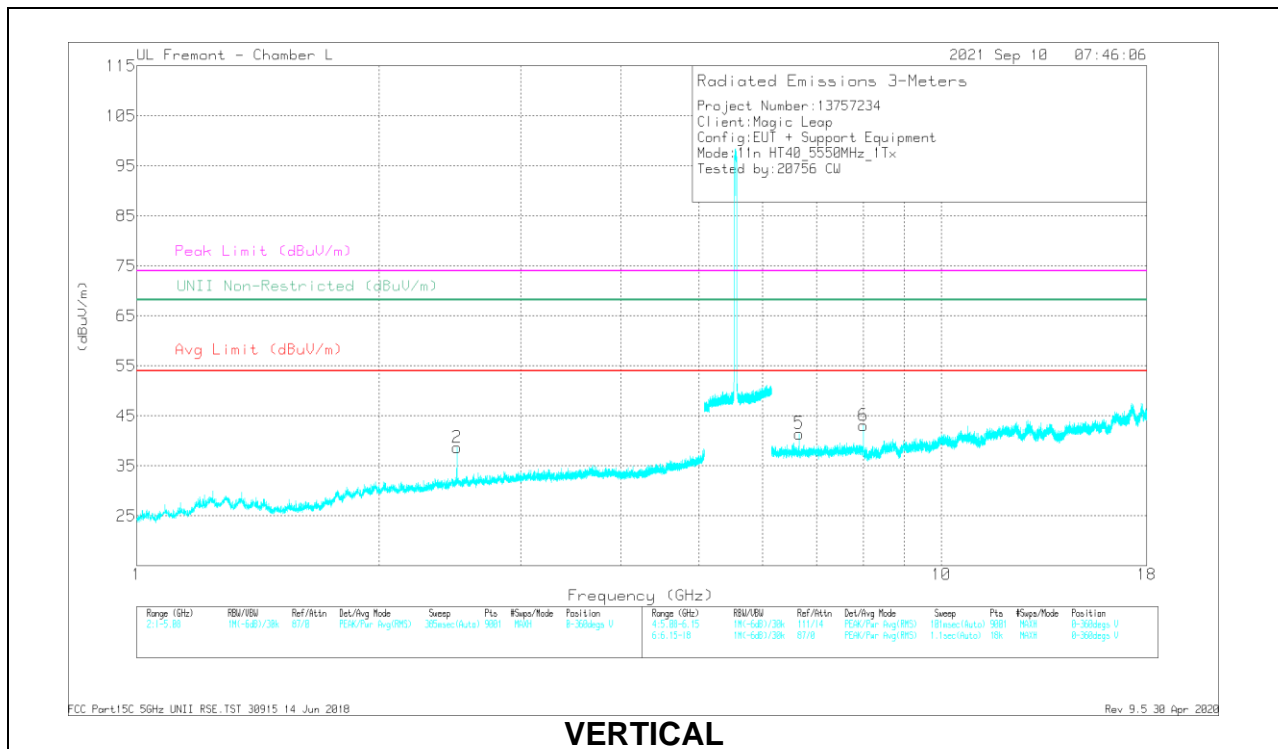
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



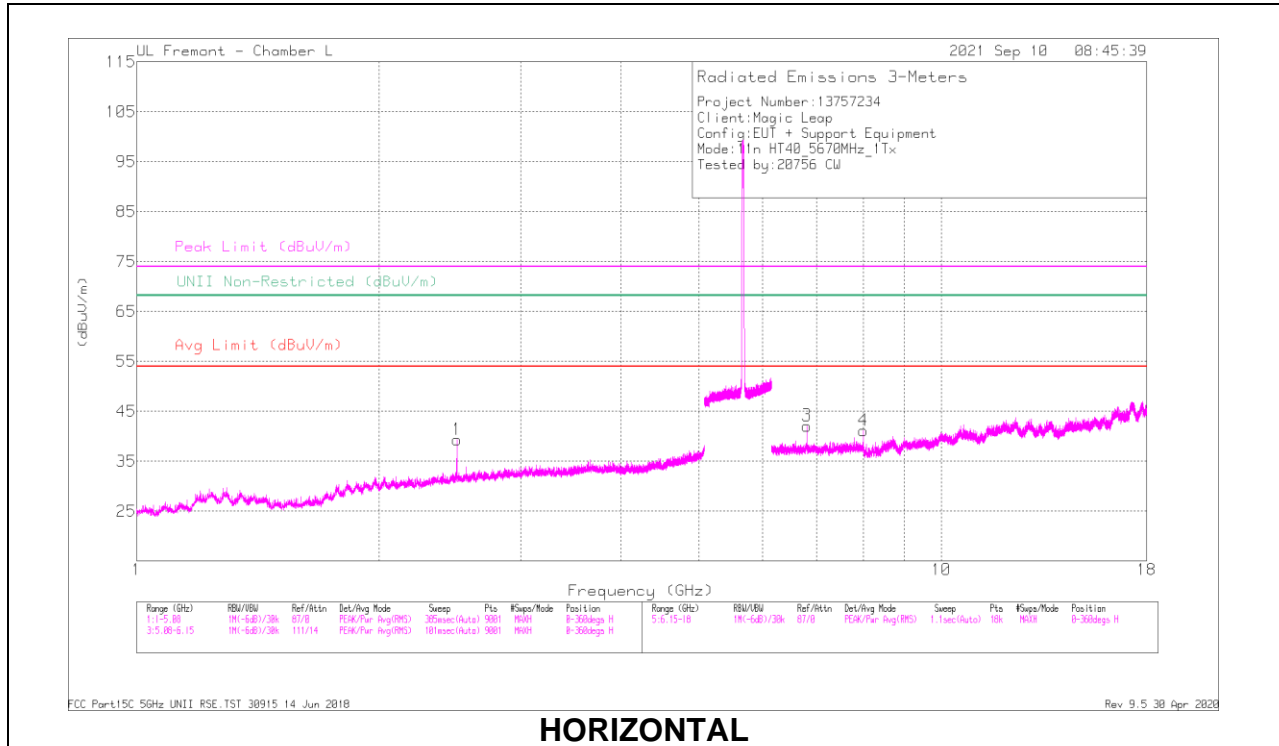
VERTICAL

RADIATED EMISSIONS

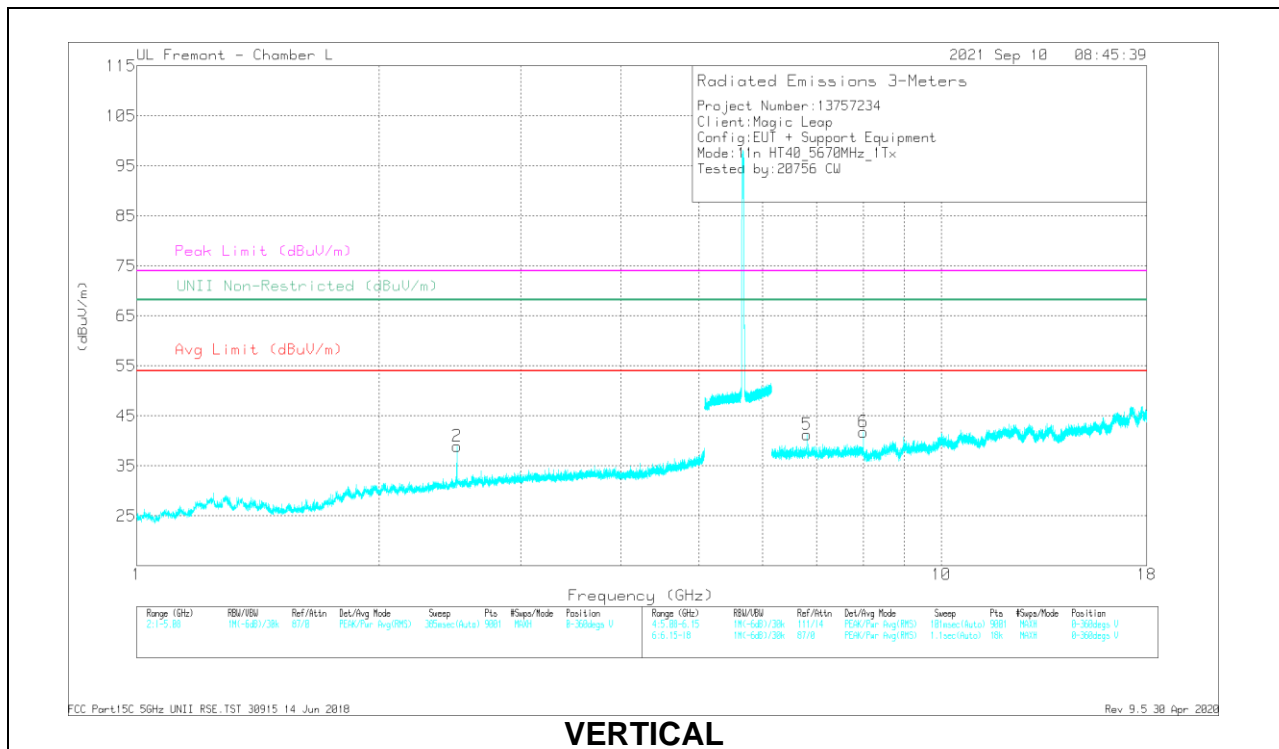
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49999	40.94	PK-U	32.4	-29.1	44.24	-	-	74	-29.76	-	-	210	118	H
	* 2.49994	32.92	ADR	32.4	-29.1	36.22	54	-17.78	-	-	-	-	210	118	H
2	* 2.49983	43.03	PK-U	32.4	-29.1	46.33	-	-	74	-27.67	-	-	127	216	V
	* 2.49994	35.99	ADR	32.4	-29.1	39.29	54	-14.71	-	-	-	-	127	216	V
3	6.66	32.8	PK-U	35.8	-21.6	47	-	-	-	-	68.2	-21.2	209	191	H
4	8.00001	30.71	PK-U	35.8	-18.6	47.91	-	-	-	-	68.2	-20.29	217	192	H
5	6.66004	33.53	PK-U	35.8	-21.6	47.73	-	-	-	-	68.2	-20.47	123	185	V
6	8.00001	30.33	PK-U	35.8	-18.6	47.53	-	-	-	-	68.2	-20.67	186	212	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

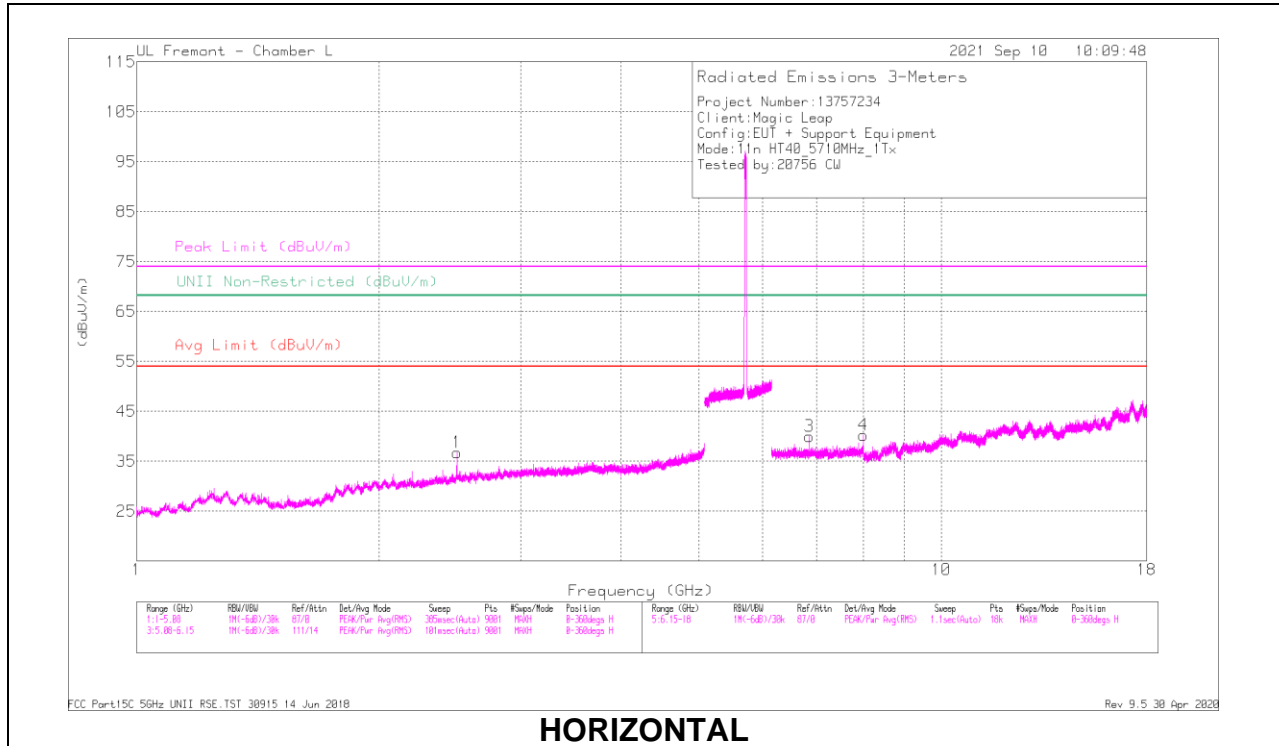
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	Amp/Cb/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49988	40.99	PK-U	32.4	-29.1	44.29	-	-	74	-29.71	-	-	166	203	H
	* 2.49994	33.65	ADR	32.4	-29.1	36.95	54	-17.05	-	-	-	-	166	203	H
2	* 2.49979	41.67	PK-U	32.4	-29.1	44.97	-	-	74	-29.03	-	-	122	257	V
	* 2.49993	34.54	ADR	32.4	-29.1	37.84	54	-16.16	-	-	-	-	122	257	V
3	6.8037	30.32	PK-U	35.7	-21.1	44.92	-	-	-	-	68.2	-23.28	13	102	H
4	7.9997	25.95	PK-U	35.8	-18.6	43.15	-	-	-	-	68.2	-25.05	215	107	H
5	6.80413	33.1	PK-U	35.7	-21.1	47.7	-	-	-	-	68.2	-20.5	29	367	V
6	8.00001	29.56	PK-U	35.8	-18.6	46.76	-	-	-	-	68.2	-21.44	184	213	V

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

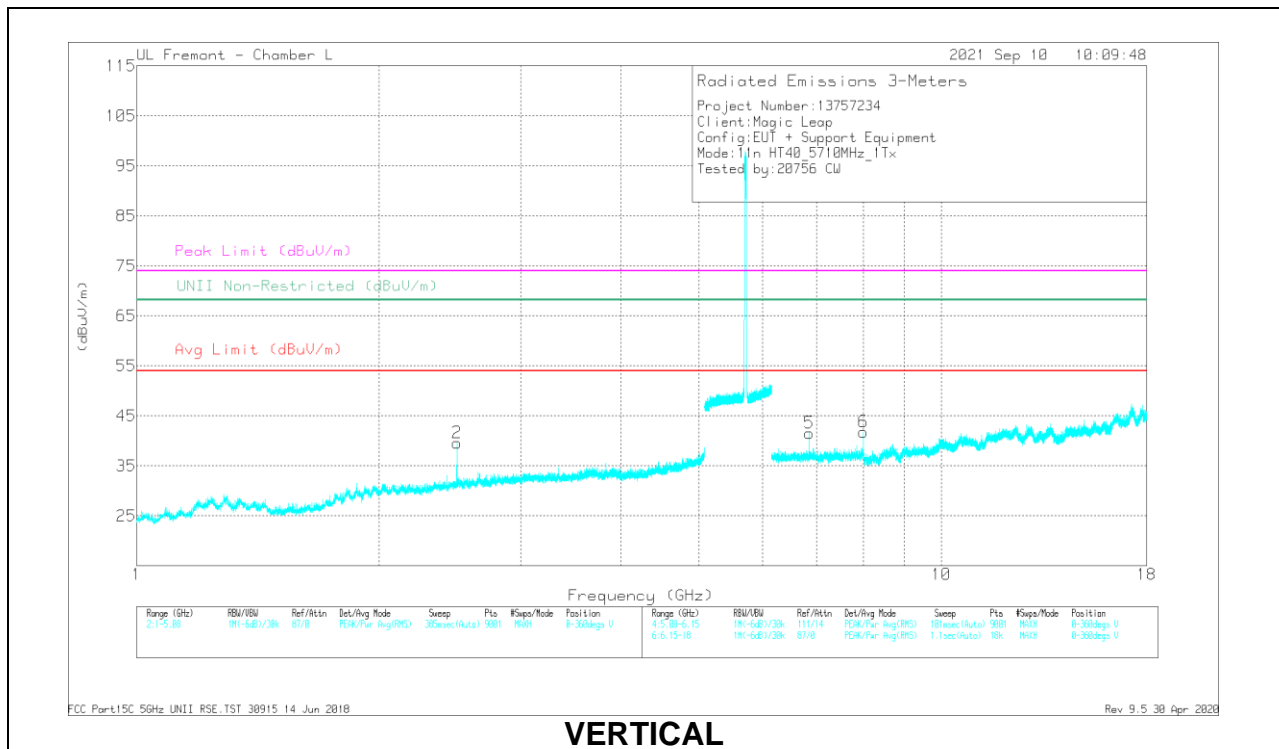
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

CHANNEL 142 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

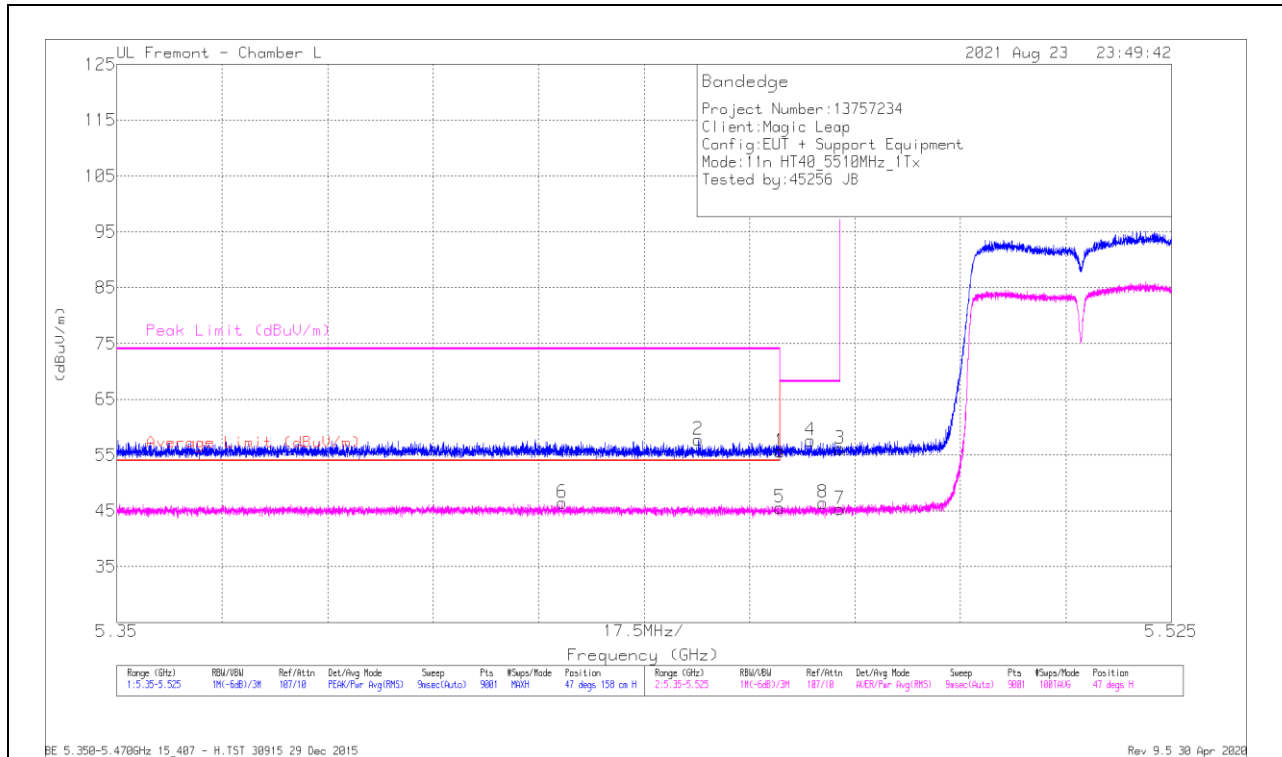
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dBm)	AmpCh/Filt/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.49993	40.78	PK-U	32.4	-29.1	44.08	-	-	74	-29.92	-	-	206	108	H
	* 2.49988	32.6	ADR	32.4	-29.1	35.9	54	-18.1	-	-	-	-	206	108	H
2	* 2.49993	41.93	PK-U	32.4	-29.1	45.23	-	-	74	-28.77	-	-	125	226	V
	* 2.49994	34.71	ADR	32.4	-29.1	38.01	54	-15.99	-	-	-	-	125	226	V
3	6.85191	31.58	PK-U	35.6	-21.5	45.68	-	-	-	-	68.2	-22.52	330	196	H
4	7.99999	27.49	PK-U	35.8	-18.6	44.69	-	-	-	-	68.2	-23.51	169	194	H
5	6.85185	31.75	PK-U	35.6	-21.5	45.85	-	-	-	-	68.2	-22.35	94	197	V
6	8.00001	27.78	PK-U	35.8	-18.6	44.98	-	-	-	-	68.2	-23.22	188	195	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



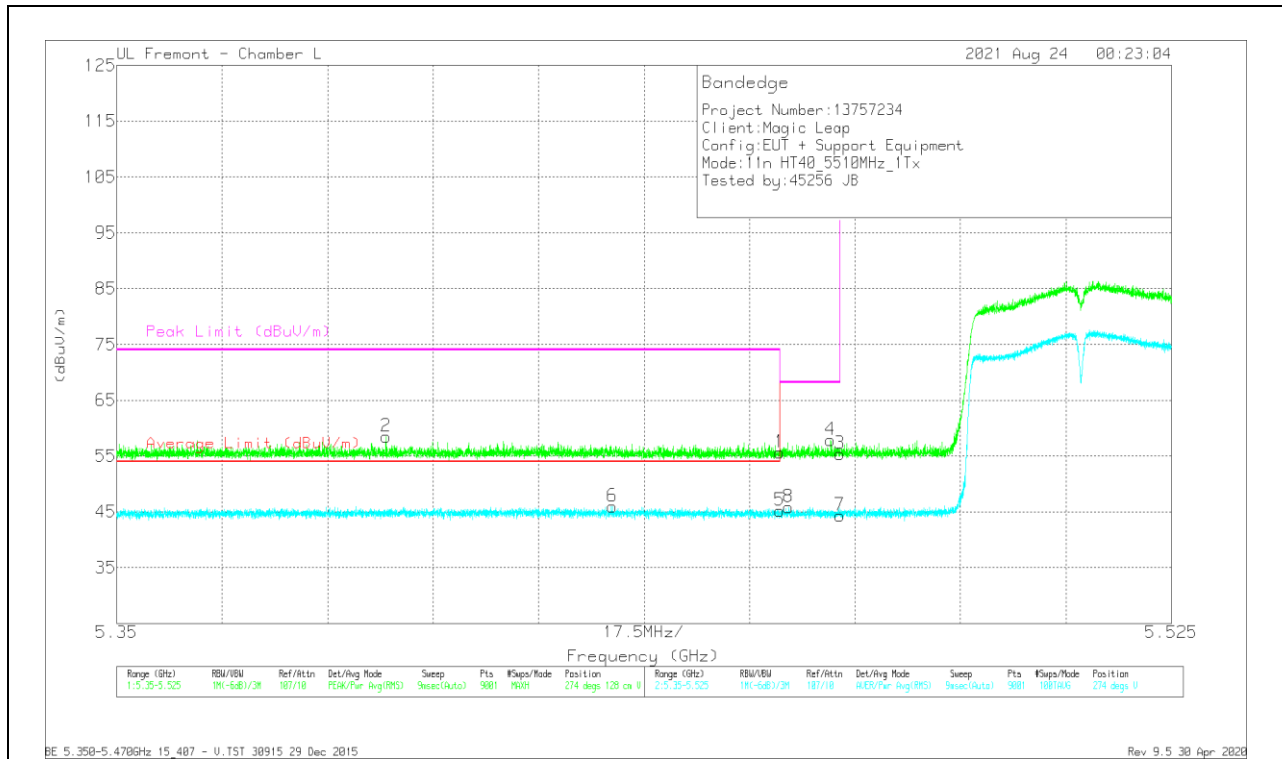
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T119 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.94	Pk	34.9	-14.2	55.64	-	-	74	-18.36	47	158	H
2	* 5.44652	37.09	Pk	34.9	-14.2	57.79	-	-	74	-16.21	47	158	H
3	5.46999	35.38	Pk	34.9	-14.2	56.08	-	-	68.2	-12.12	47	158	H
4	5.46509	36.89	Pk	34.9	-14.2	57.59	-	-	68.2	-10.61	47	158	H
5	* 5.45999	24.91	RMS	34.9	-14.2	45.61	54	-8.39	-	-	47	158	H
6	* 5.42391	25.73	RMS	34.9	-14.2	46.43	54	-7.57	-	-	47	158	H
7	5.46999	24.61	RMS	34.9	-14.2	45.31	-	-	-	-	47	158	H
8	5.46719	25.79	RMS	34.9	-14.2	46.49	-	-	-	-	47	158	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/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	* 5.45999	34.89	Pk	34.9	-14.2	55.59	-	-	74	-18.41	274	128	V
2	* 5.39466	37.85	Pk	34.9	-14.3	58.45	-	-	74	-15.55	274	128	V
3	5.46999	34.69	Pk	34.9	-14.2	55.39	-	-	68.2	-12.81	274	128	V
4	5.46847	37.15	Pk	34.9	-14.2	57.85	-	-	68.2	-10.35	274	128	V
5	* 5.45999	24.47	RMS	34.9	-14.2	45.17	54	-8.83	-	-	274	128	V
6	* 5.43223	25.29	RMS	34.9	-14.2	45.99	54	-8.01	-	-	274	128	V
7	5.46999	23.66	RMS	34.9	-14.2	44.36	-	-	-	-	274	128	V
8	5.46145	25.15	RMS	34.9	-14.2	45.85	-	-	-	-	274	128	V

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