

RADIATED EMISSIONS

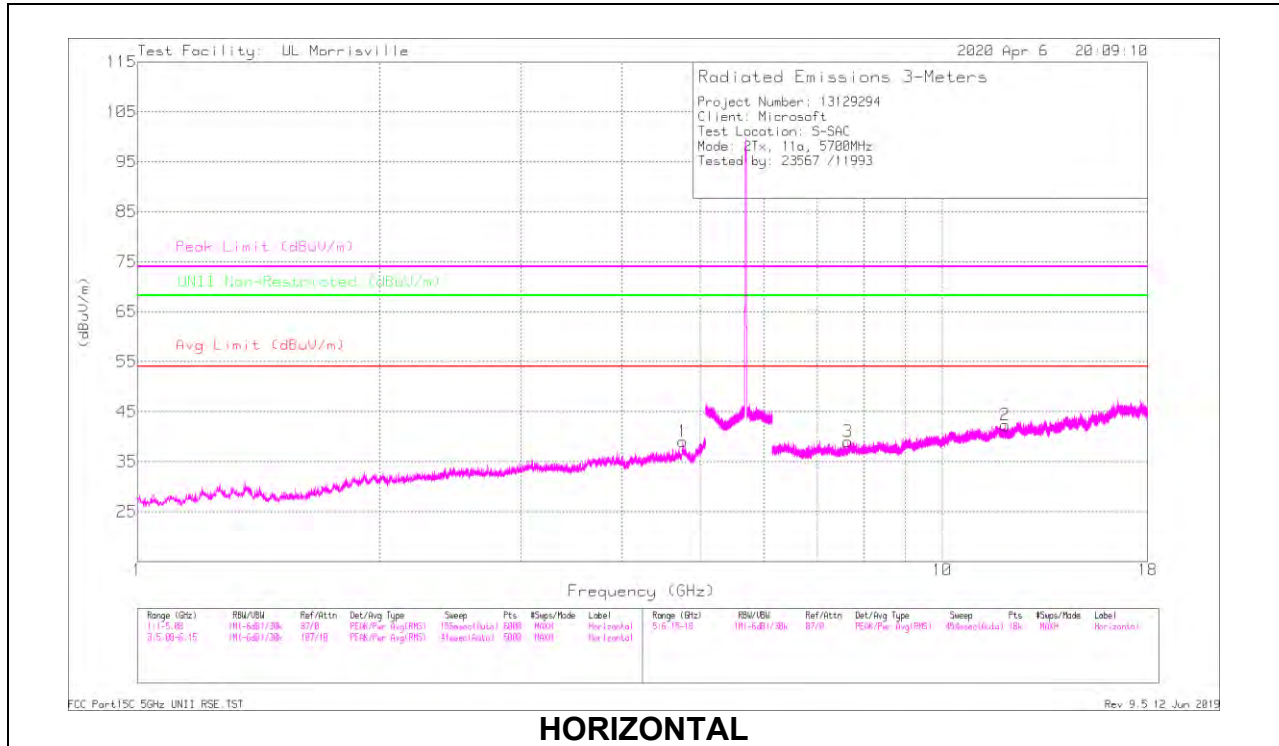
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72966	42.06	PK-U	33.2	-32	43.26	-	-	74	-30.74	-	-	14	355	H
	* 3.72902	28.24	ADV	33.2	-32	29.44	54	-24.56	-	-	-	-	14	355	H
2	* 7.26811	36.26	PK-U	35.7	-26.9	45.06	-	-	74	-28.94	-	-	145	210	H
	* 7.26693	23.3	ADV	35.7	-26.9	32.1	54	-21.9	-	-	-	-	145	210	H
3	* 17.73877	32.98	PK-U	41.3	-21.3	52.98	-	-	74	-21.02	-	-	169	119	H
	* 17.73921	20.05	ADV	41.3	-21.3	40.05	54	-13.95	-	-	-	-	169	119	H
4	* 8.27524	36.06	PK-U	36	-27.1	44.96	-	-	74	-29.04	-	-	140	345	V
	* 8.27362	23.07	ADV	36	-27.1	31.97	54	-22.03	-	-	-	-	140	345	V
5	* 11.70114	34.45	PK-U	38.4	-23.6	49.25	-	-	74	-24.75	-	-	305	203	V
	* 11.70078	20.62	ADV	38.4	-23.6	35.42	54	-18.58	-	-	-	-	305	203	V
6	* 15.68147	33.89	PK-U	40.2	-22.8	51.29	-	-	74	-22.71	-	-	224	235	V
	* 15.68013	20.77	ADV	40.2	-22.8	38.17	54	-15.83	-	-	-	-	224	235	V

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

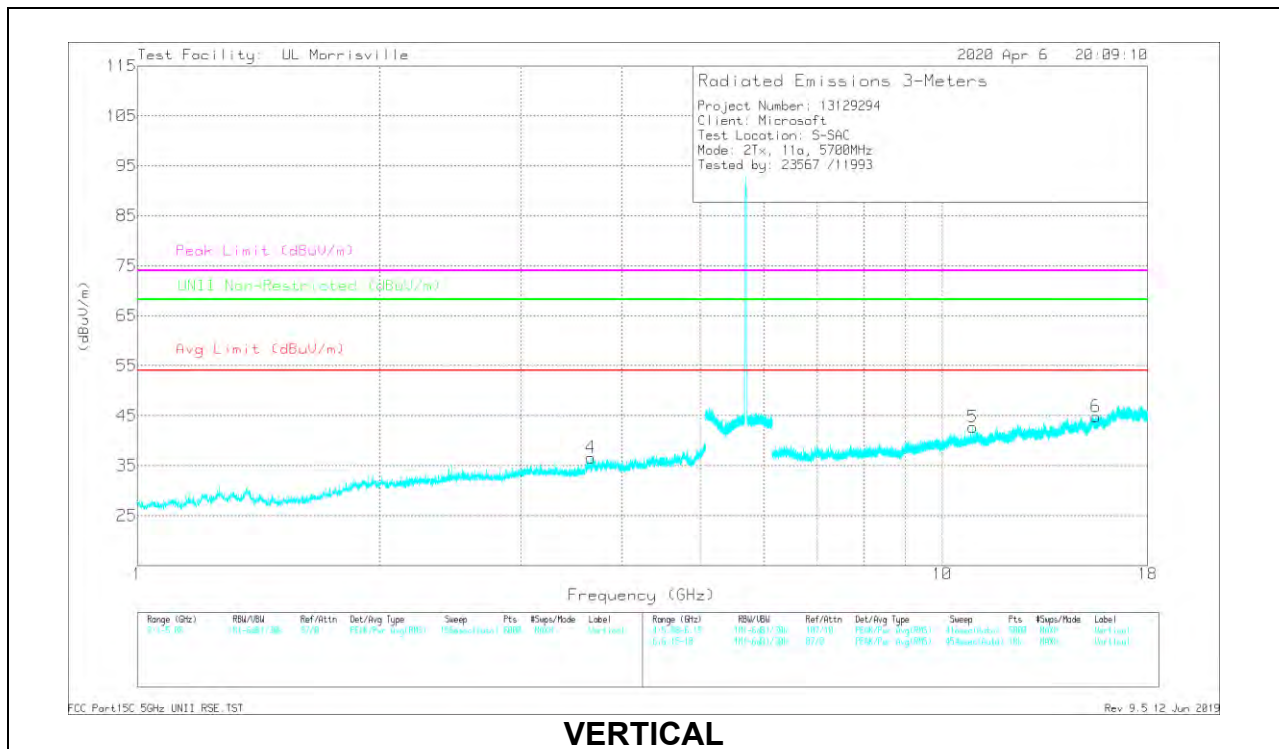
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

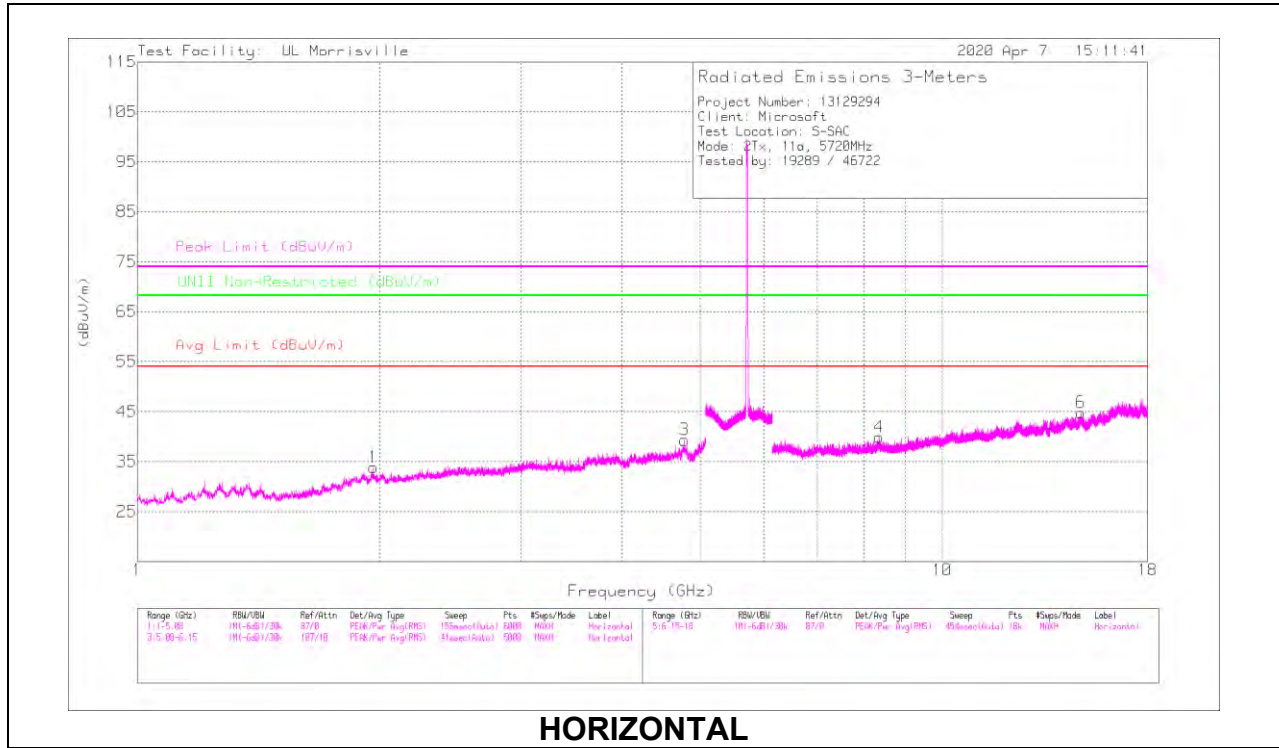
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.7615	41.27	PK-U	34.1	-30.8	44.57	-	-	74	-29.43	-	-	215	237	H
	* 4.7625	28.43	ADV	34.1	-30.8	31.73	54	-22.27	-	-	-	-	215	237	H
4	* 3.66	41.08	PK-U	32.9	-31.9	42.08	-	-	74	-31.92	-	-	222	160	V
	* 3.66046	27.84	ADV	32.9	-31.9	28.84	54	-25.16	-	-	-	-	222	160	V
2	* 11.97067	33.97	PK-U	38.6	-24	48.57	-	-	74	-25.43	-	-	246	161	H
	* 11.97093	20.43	ADV	38.6	-24	35.03	54	-18.97	-	-	-	-	246	161	H
3	* 7.63869	36.59	PK-U	35.9	-27.4	45.09	-	-	74	-28.91	-	-	169	162	H
	* 7.63985	23.35	ADV	35.9	-27.4	31.85	54	-22.15	-	-	-	-	169	162	H
5	* 10.91084	34.43	PK-U	37.9	-24.3	48.03	-	-	74	-25.97	-	-	63	232	V
	* 10.91034	20.82	ADV	37.9	-24.3	34.42	54	-19.58	-	-	-	-	63	232	V
6	* 15.53627	34.43	PK-U	40	-23.6	50.83	-	-	74	-23.17	-	-	259	374	V
	* 15.53449	21.19	ADV	40	-23.6	37.59	54	-16.41	-	-	-	-	259	374	V

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

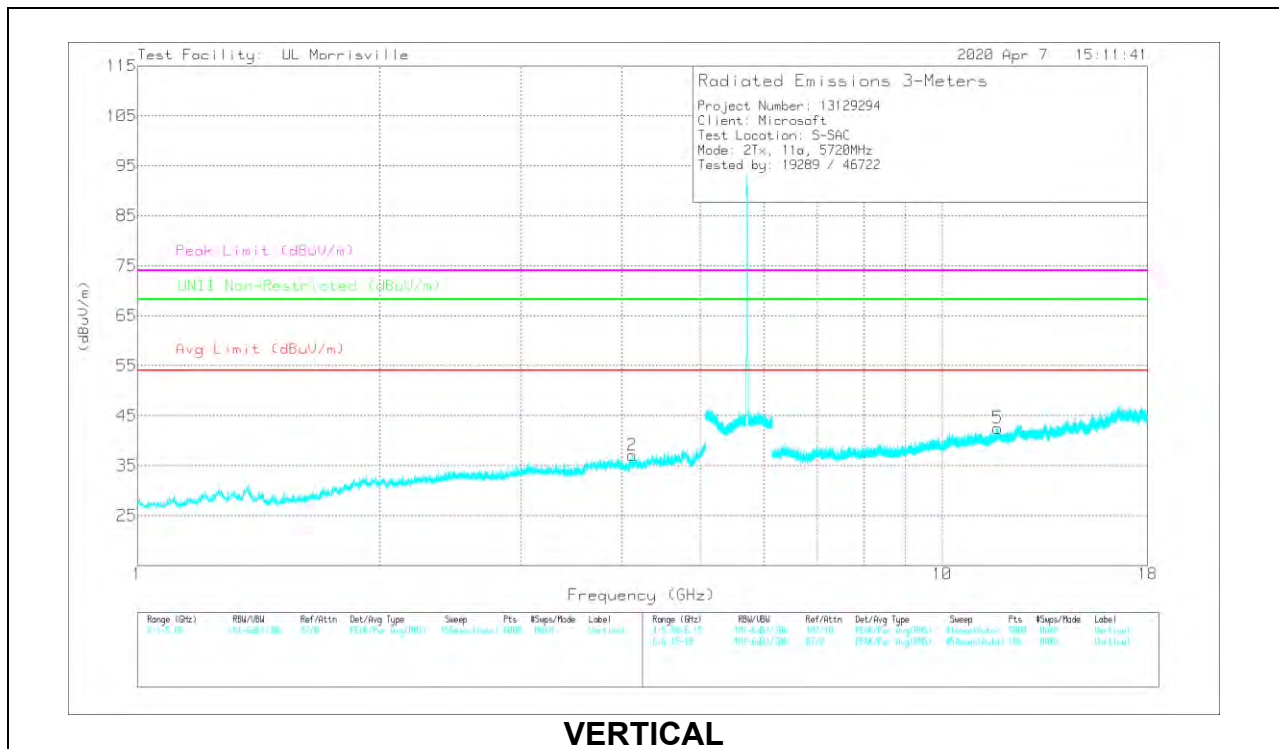
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbl/Filtr/P ad (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	1.96456	42.84	PK-U	31.3	-33.9	40.24	-	-	-	-	68.2	-27.96	226	315	H
	1.96383	29.1	ADV	31.3	-33.9	26.5	-	-	-	-	-	-	226	315	H
3	* 4.78167	40.85	PK-U	34.1	-30.6	44.35	-	-	74	-29.65	-	-	329	357	H
	* 4.78104	27.75	ADV	34.1	-30.6	31.25	54	-22.75	-	-	-	-	329	357	H
2	* 4.12095	40.97	PK-U	33.5	-31.3	43.17	-	-	74	-30.83	-	-	95	166	V
	* 4.12046	27.33	ADV	33.5	-31.3	29.53	54	-24.47	-	-	-	-	95	166	V
4	* 8.34575	36.5	PK-U	36	-26.7	45.8	-	-	74	-28.2	-	-	196	294	H
	* 8.34616	23.31	ADV	36	-26.7	32.61	54	-21.39	-	-	-	-	196	294	H
5	* 11.7243	34.48	PK-U	38.5	-23.6	49.38	-	-	74	-24.62	-	-	9	363	V
	* 11.72404	20.56	ADV	38.5	-23.7	35.36	54	-18.64	-	-	-	-	9	363	V
6	14.86976	33.79	PK-U	39.5	-22.2	51.09	-	-	-	-	68.2	-17.11	107	235	H

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

PK-U - U-NII: Maximum Peak

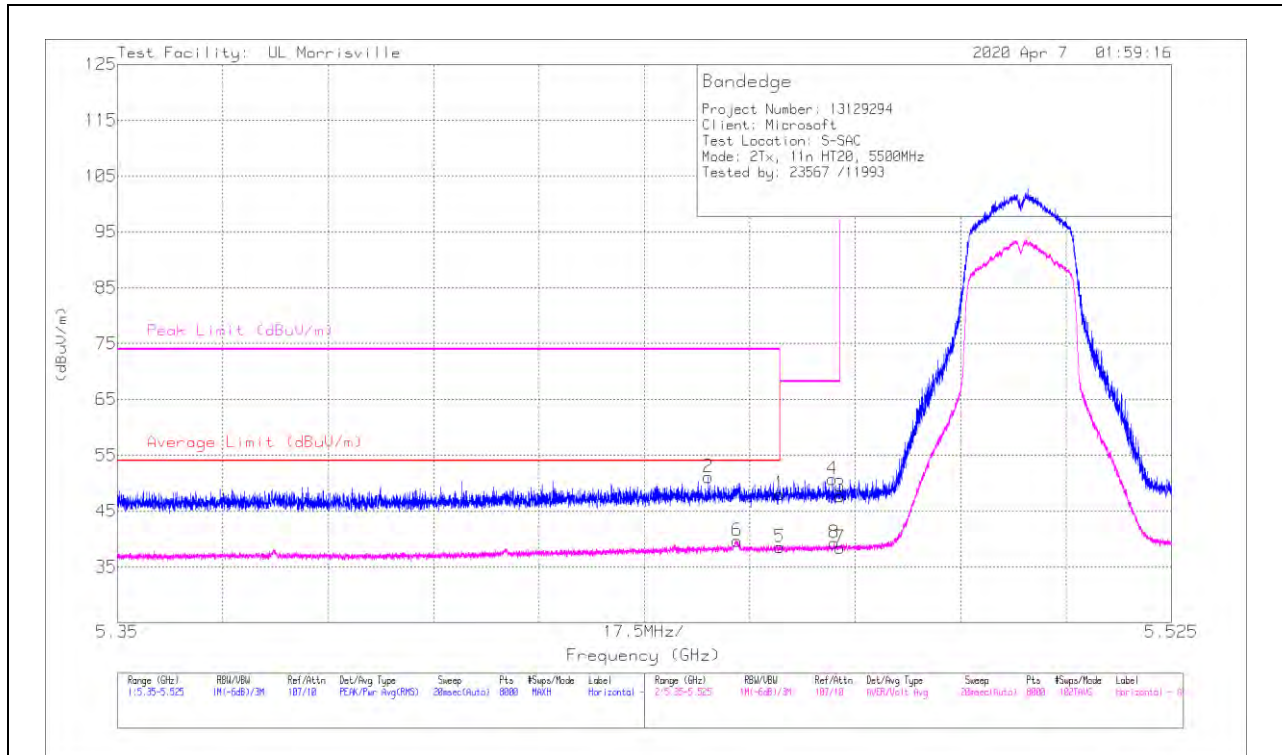
ADV - U-NII AD primary method, Linear Voltage Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



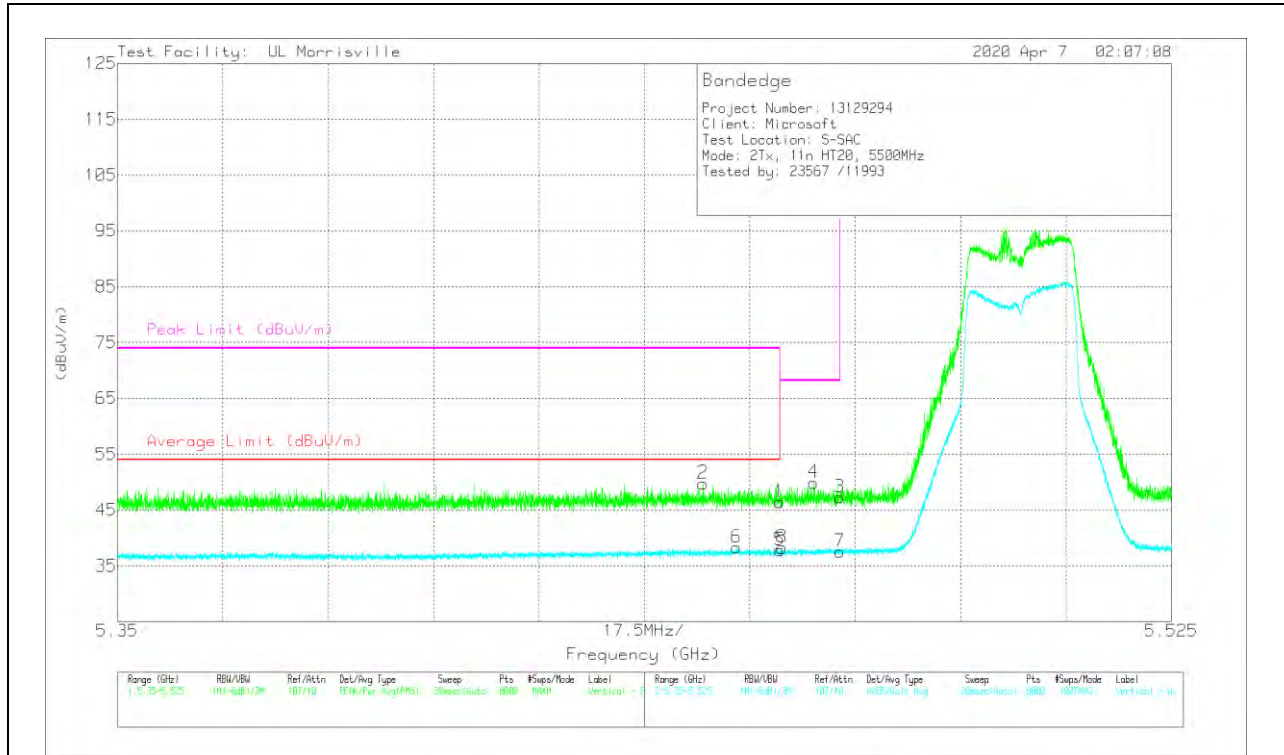
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbl/Ftr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	36.56	Pk	34.5	-23	0	42.06	-	-	74	-25.94	323	100	H
2	* 5.44815	39.46	Pk	34.5	-22.9	0	51.06	-	-	74	-22.94	323	100	H
5	* 5.45998	26.83	ADV	34.5	-23	.18	38.51	54	-15.49	-	-	323	100	H
6	* 5.45287	27.97	ADV	34.5	-23	.18	39.65	54	-14.35	-	-	323	100	H
4	5.46871	39.17	Pk	34.5	-23	0	50.67	-	-	68.2	-17.53	323	100	H
8	5.46902	27.62	ADV	34.5	-23	.18	39.3	-	-	-	-	323	100	H
3	5.46998	36.1	Pk	34.5	-23	0	47.6	-	-	68.2	-20.6	323	100	H
7	5.46998	26.71	ADV	34.5	-23	.18	38.39	-	-	-	-	323	100	H

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

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cal/Ftr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	34.87	Pk	34.5	-23	0	46.37	-	-	74	-27.63	44	104	V
2	* 5.44723	38.17	Pk	34.5	-22.9	0	49.77	-	-	74	-24.23	44	104	V
5	* 5.45998	26.15	ADV	34.5	-23	.18	37.83	54	-16.17	-	-	44	104	V
6	* 5.45276	26.6	ADV	34.5	-23	.18	38.28	54	-15.72	-	-	44	104	V
8	5.46033	26.57	ADV	34.5	-23	.18	38.25	-	-	-	-	44	104	V
4	5.46563	38.4	Pk	34.5	-23	0	49.9	-	-	68.2	-18.3	44	104	V
3	5.46998	35.75	Pk	34.5	-23	0	47.25	-	-	68.2	-20.95	44	104	V
7	5.46998	25.9	ADV	34.5	-23	.18	37.58	-	-	-	-	44	104	V

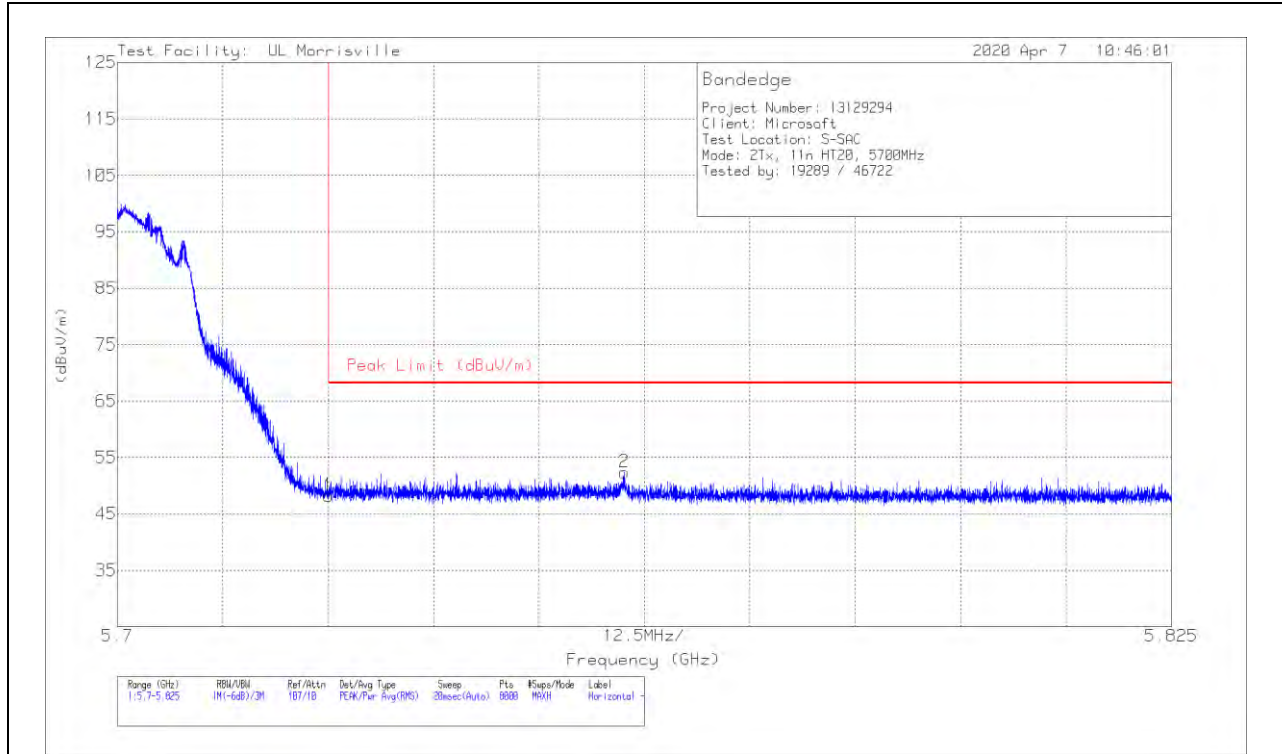
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

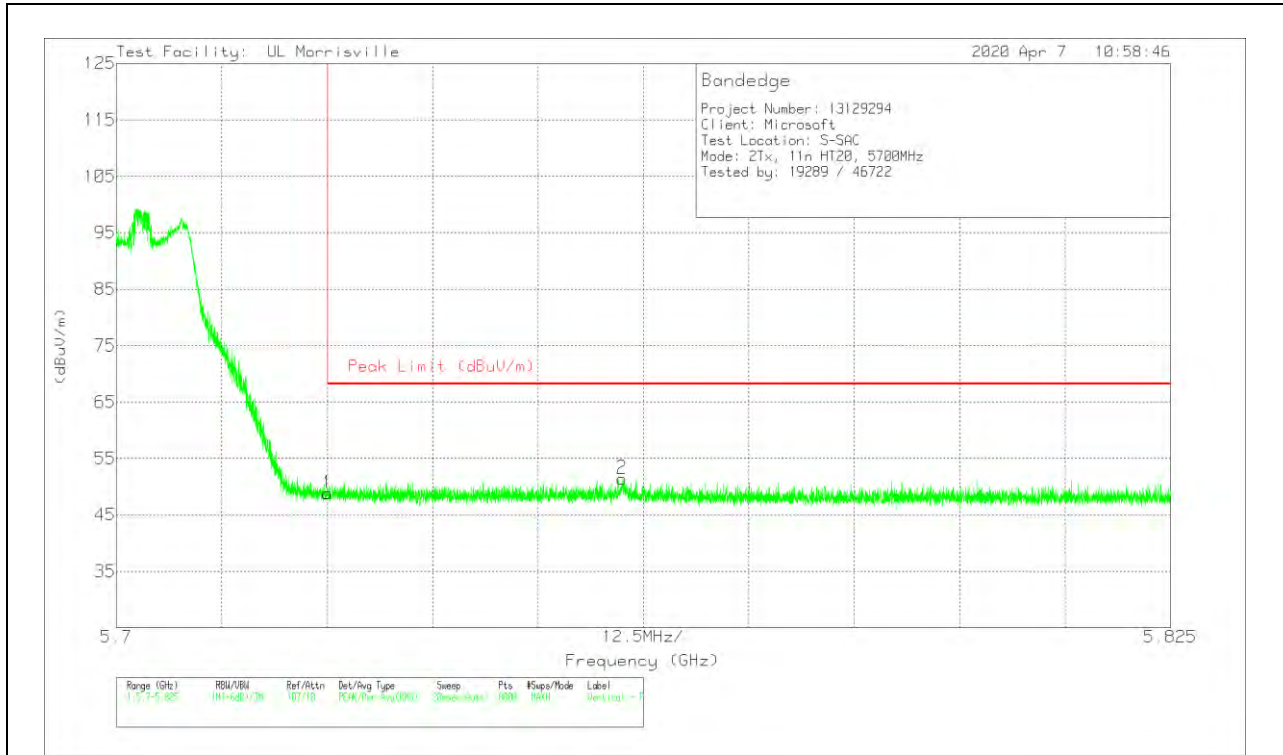
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.32	Pk	34.7	-22.8	0	48.22	68.2	-19.98	296	198	H
2	5.76009	40.25	Pk	34.8	-22.7	0	52.35	68.2	-15.85	296	198	H

Pk - Peak detector

VERTICAL RESULT

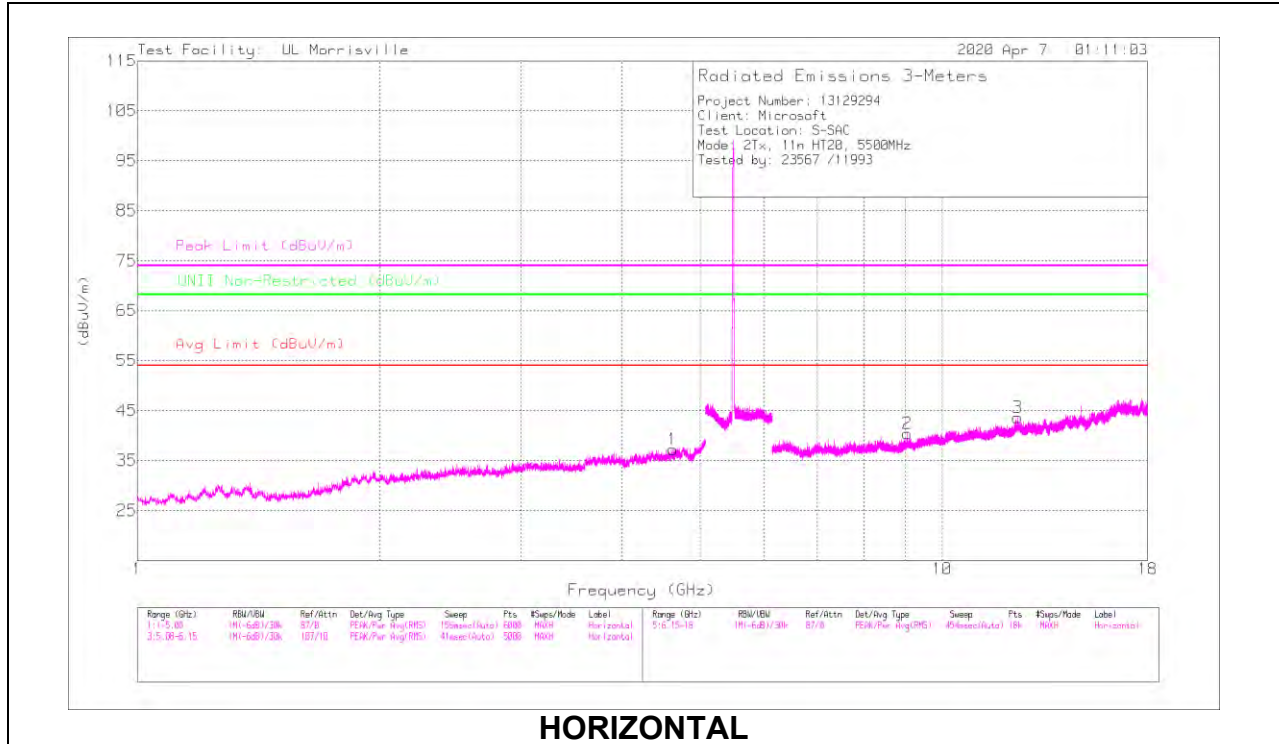


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.97	Pk	34.7	-22.8	0	48.87	68.2	-19.33	116	288	V
2	5.75996	39.35	Pk	34.8	-22.7	0	51.45	68.2	-16.75	116	288	V

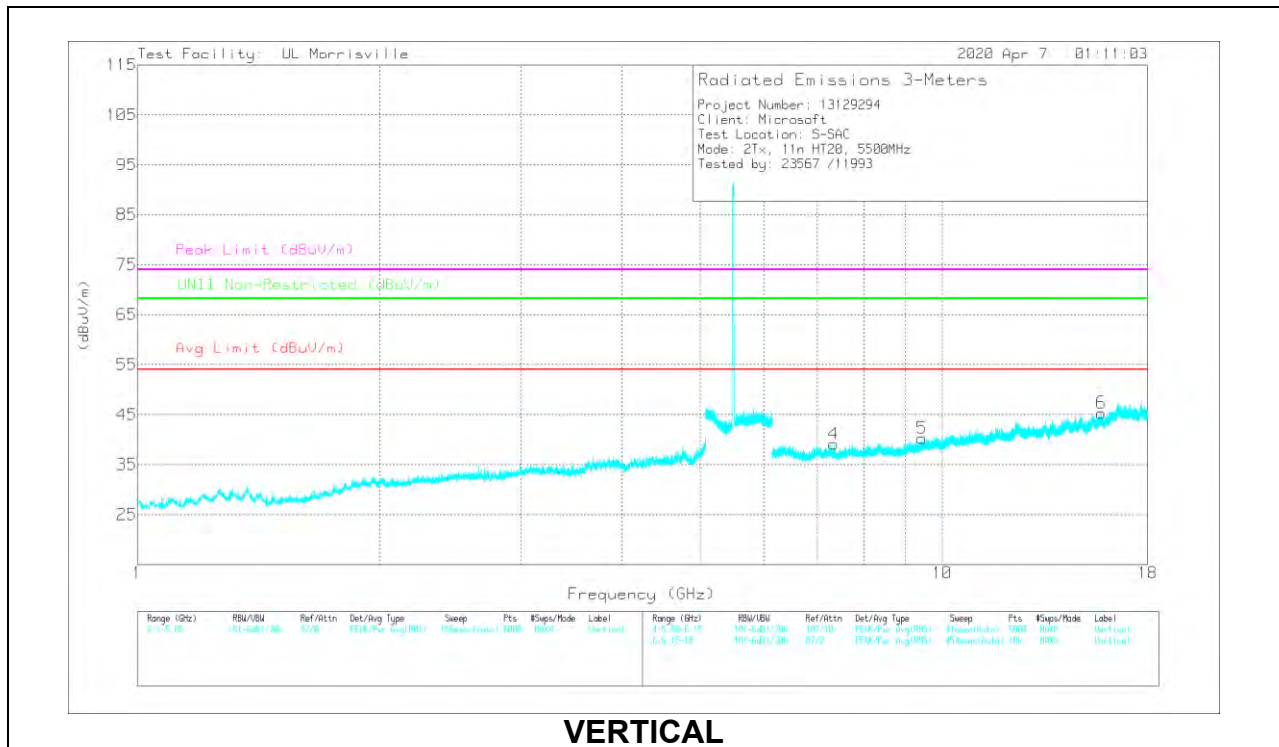
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

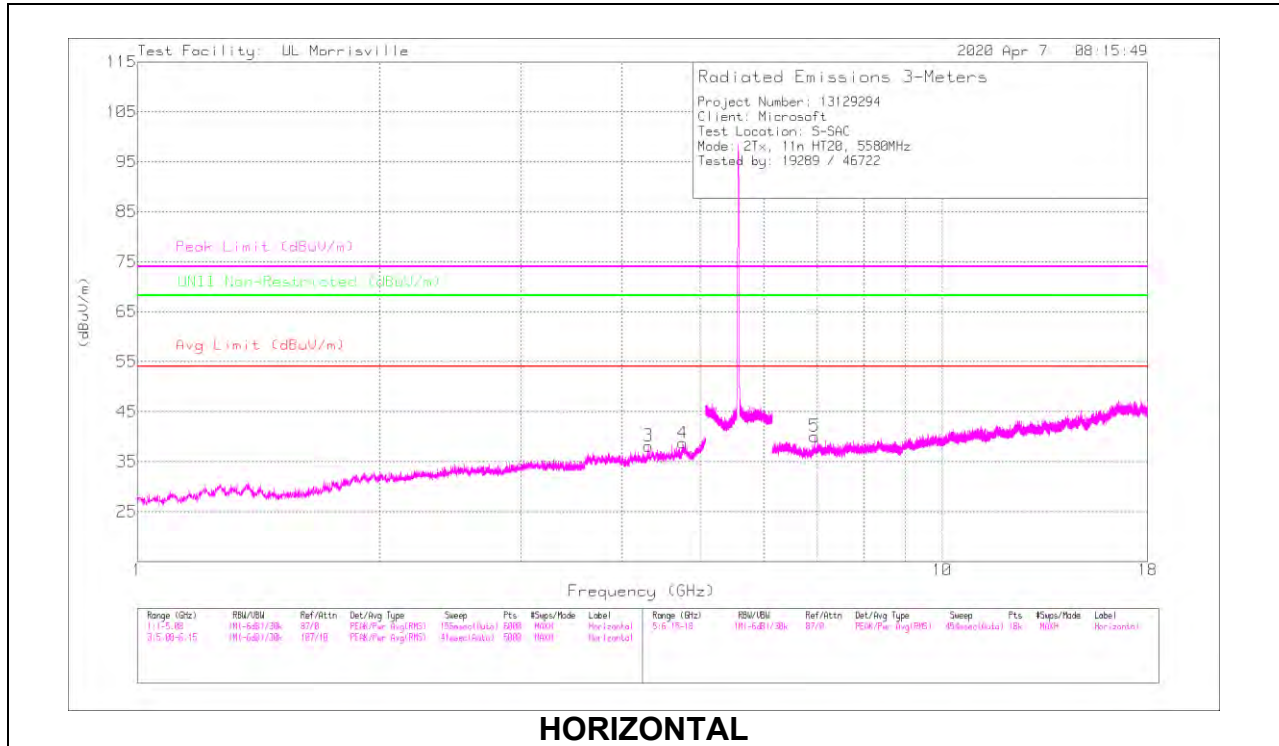
Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbri/Filt/rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.62633	40.68	PK-U	34.1	-30.8	0	43.98	-	-	74	-30.02	-	-	25	268	H
	* 4.62635	26.88	ADV	34.1	-30.8	.18	30.36	54	-23.64	-	-	-	-	25	268	H
2	* 9.05762	35.48	PK-U	36.6	-26.5	0	45.58	-	-	74	-28.42	-	-	47	317	H
	* 9.05709	22.35	ADV	36.6	-26.5	.18	32.63	54	-21.37	-	-	-	-	47	317	H
3	* 12.40573	34.15	PK-U	38.8	-23.1	0	49.85	-	-	74	-24.15	-	-	55	374	H
	* 12.40534	20.54	ADV	38.8	-23.1	.18	36.42	54	-17.58	-	-	-	-	55	374	H
4	* 7.33354	37.88	PK-U	35.7	-27.8	0	45.78	-	-	74	-28.22	-	-	7	106	V
	* 7.33334	26.49	ADV	35.7	-27.8	.18	34.57	54	-19.43	-	-	-	-	7	106	V
5	* 9.44195	35.3	PK-U	37	-26.1	0	46.2	-	-	74	-27.8	-	-	349	317	V
	* 9.44007	22.21	ADV	37	-26.1	.18	33.29	54	-20.71	-	-	-	-	349	317	V
6	* 15.76915	33.63	PK-U	40.3	-22.4	0	51.53	-	-	74	-22.47	-	-	241	317	V
	* 15.76806	20.43	ADV	40.3	-22.4	.18	38.51	54	-15.49	-	-	-	-	241	317	V

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

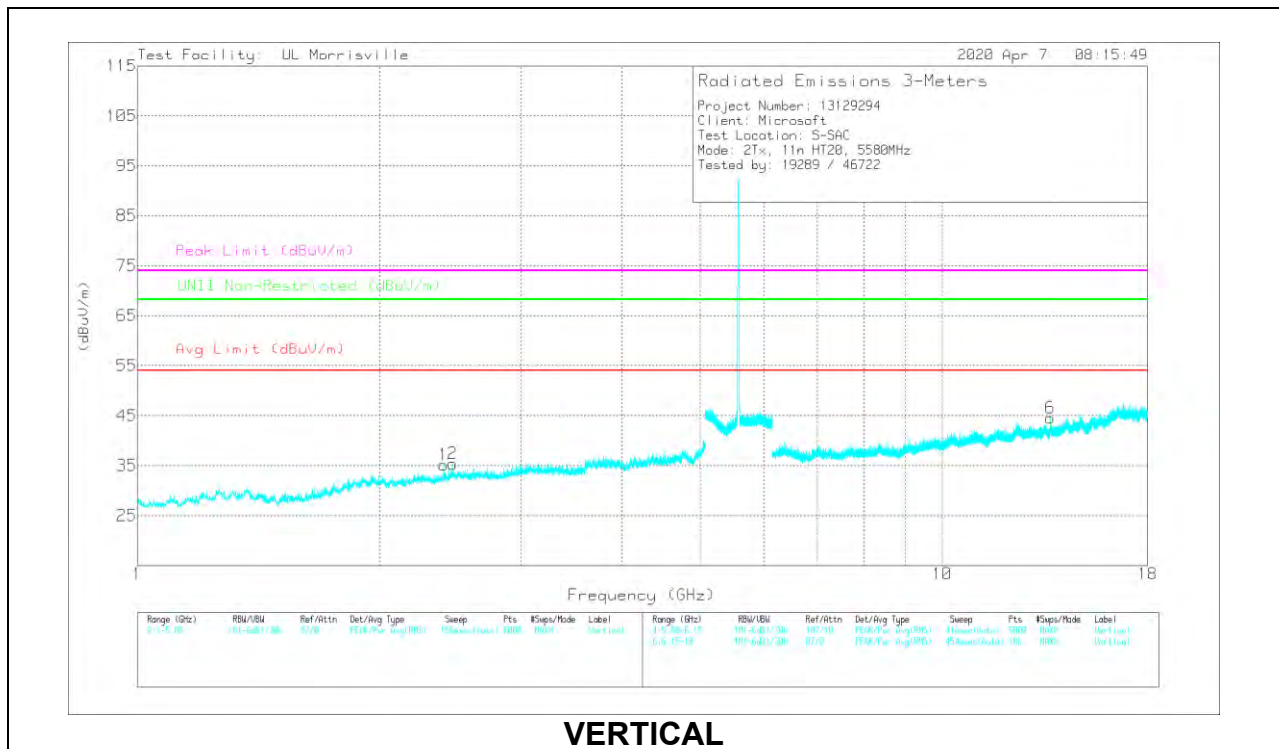
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

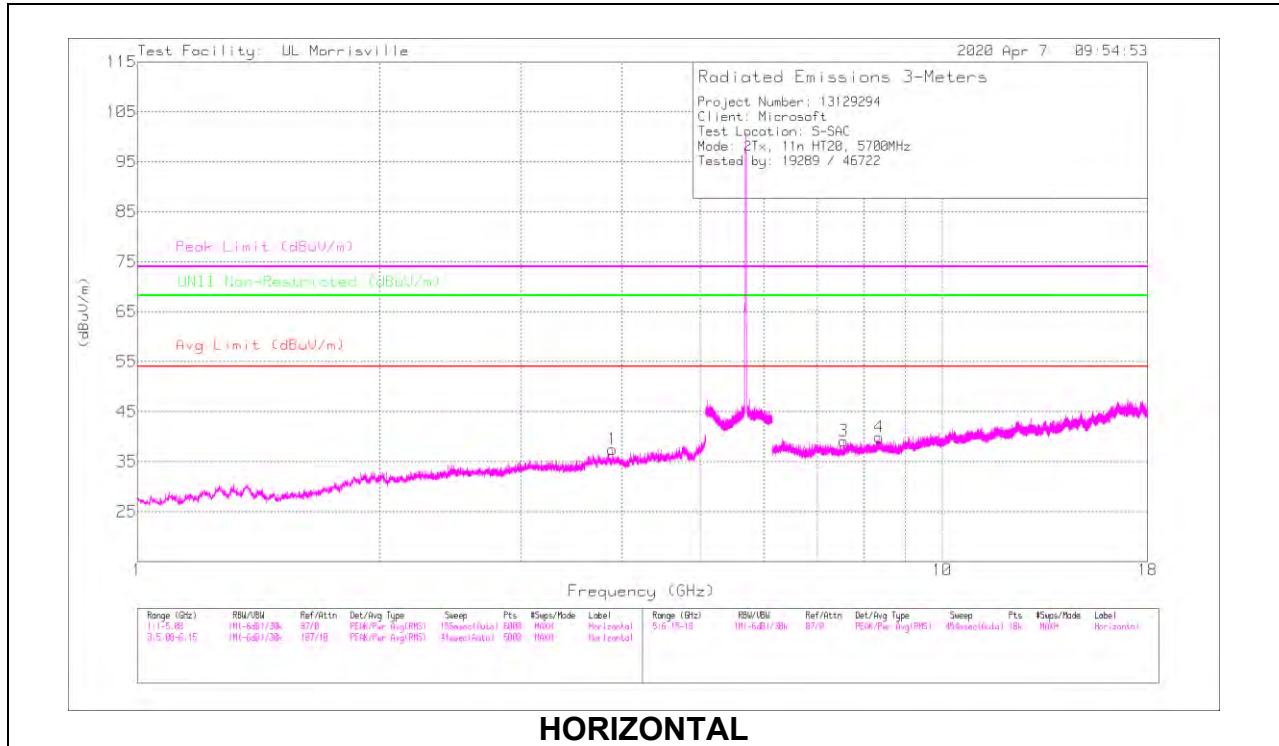
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	AmpCdb/Fit/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.31782	40.67	PK-U	33.6	-31.3	0	42.97	-	-	74	-31.03	-	-	85	167	H
	* 4.31785	27.86	ADV	33.6	-31.3	-18	30.34	54	-23.66	-	-	-	-	85	167	H
4	* 4.76178	41.97	PK-U	34.1	-30.8	0	45.27	-	-	74	-28.73	-	-	60	222	H
	* 4.76155	28.54	ADV	34.1	-30.8	-18	32.02	54	-21.98	-	-	-	-	60	222	H
1	2.40195	48.87	PK-U	31.9	-33.9	0	46.87	-	-	-	-	68.2	-21.33	358	193	V
2	2.46533	42.45	PK-U	32.3	-33.6	0	41.15	-	-	-	-	68.2	-27.05	8	388	V
5	6.9419	36.99	PK-U	35.6	-27.6	0	44.99	-	-	-	-	68.2	-23.21	226	253	H
6	13.62901	35.99	PK-U	38.7	-24.3	0	50.39	-	-	-	-	68.2	-17.81	154	383	V

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

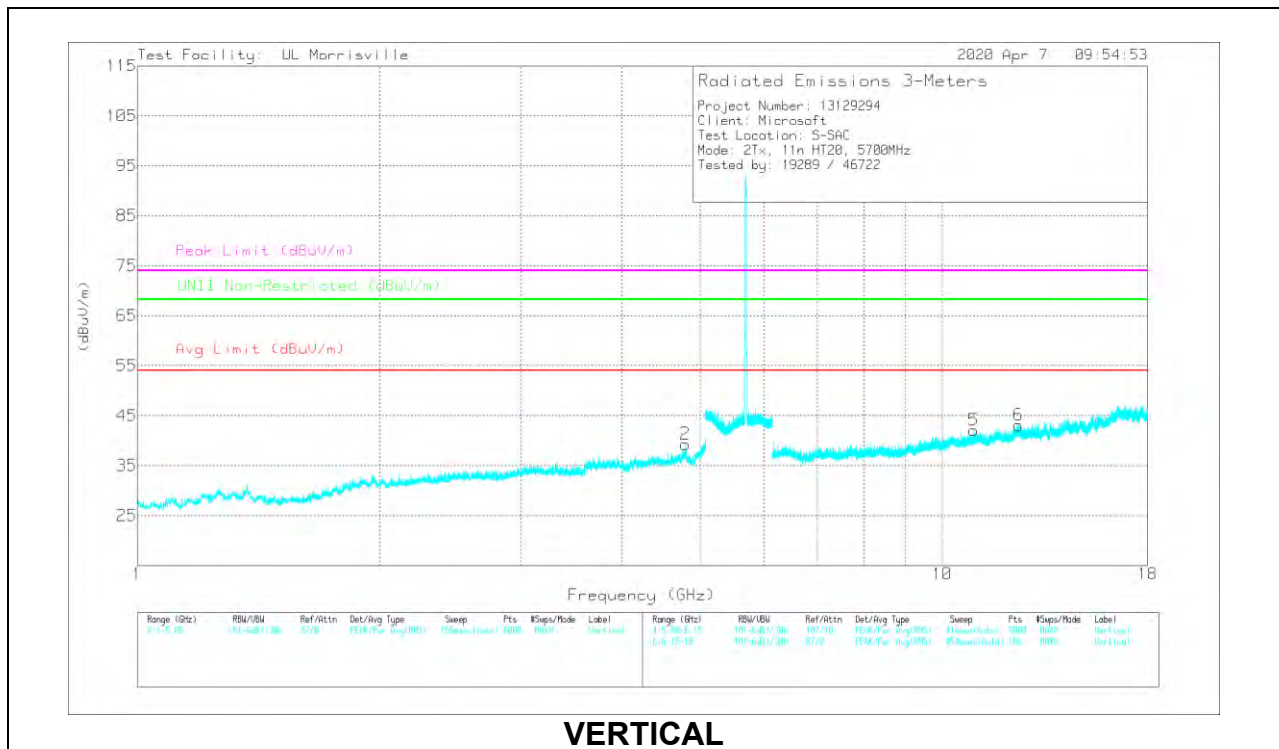
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

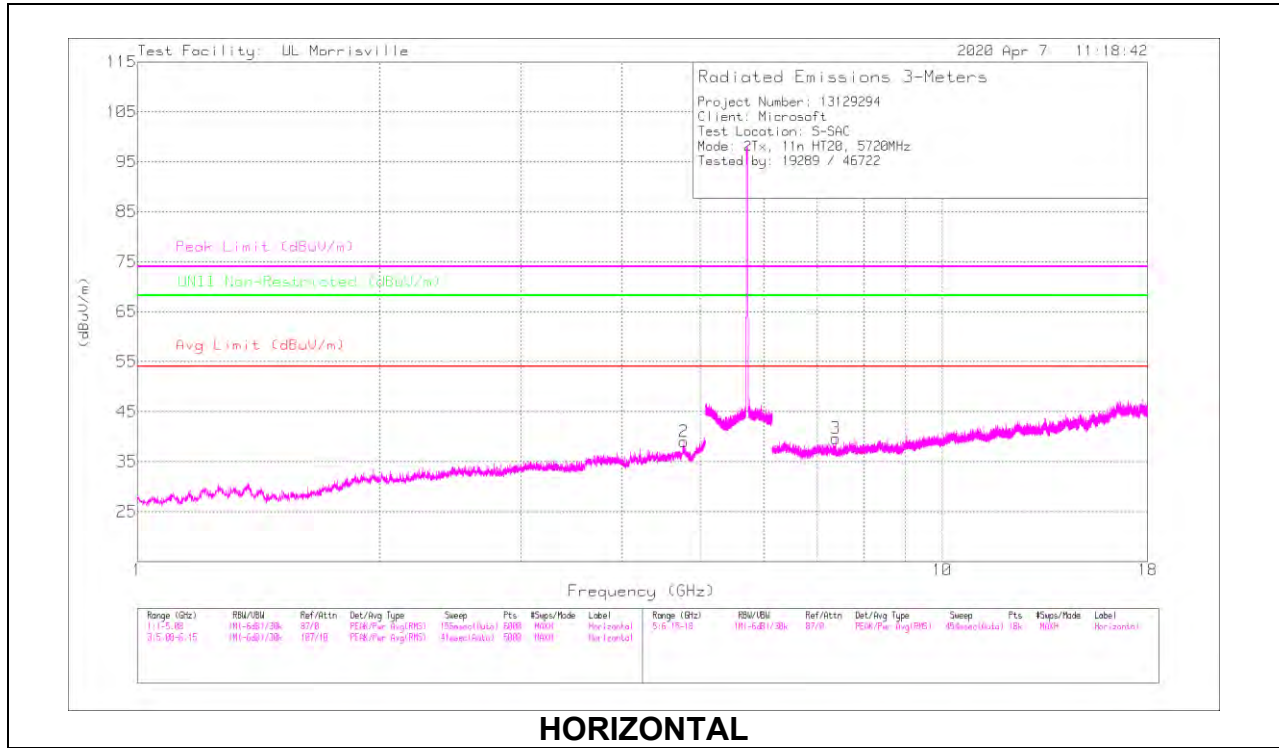
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Ftr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.89238	41.35	PK-U	33.4	-32	0	42.75	-	-	74	-31.25	-	-	27	203	H
	* 3.89218	28.47	ADV	33.4	-32	.18	30.05	54	-23.95	-	-	-	-	27	203	H
2	* 4.79576	41.16	PK-U	34.2	-30.5	0	44.86	-	-	74	-29.14	-	-	213	111	V
	* 4.79583	27.82	ADV	34.2	-30.5	.18	31.7	54	-22.3	-	-	-	-	213	111	V
3	* 7.54179	35.65	PK-U	35.8	-27.1	0	44.35	-	-	74	-29.65	-	-	14	229	H
	* 7.54237	22.9	ADV	35.8	-27.1	.18	31.78	54	-22.22	-	-	-	-	14	229	H
4	* 8.35019	36.92	PK-U	36	-26.7	0	46.22	-	-	74	-27.78	-	-	215	191	H
	* 8.35003	23.36	ADV	36	-26.7	.18	32.84	54	-21.16	-	-	-	-	215	191	H
5	* 10.94471	34.12	PK-U	37.9	-24.2	0	47.82	-	-	74	-26.18	-	-	241	195	V
	* 10.94468	20.78	ADV	37.9	-24.2	.18	34.66	54	-19.34	-	-	-	-	241	195	V
6	* 12.43592	33.85	PK-U	38.8	-23	0	49.65	-	-	74	-24.35	-	-	62	302	V
	* 12.43582	20.68	ADV	38.8	-23	.18	36.66	54	-17.34	-	-	-	-	62	302	V

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

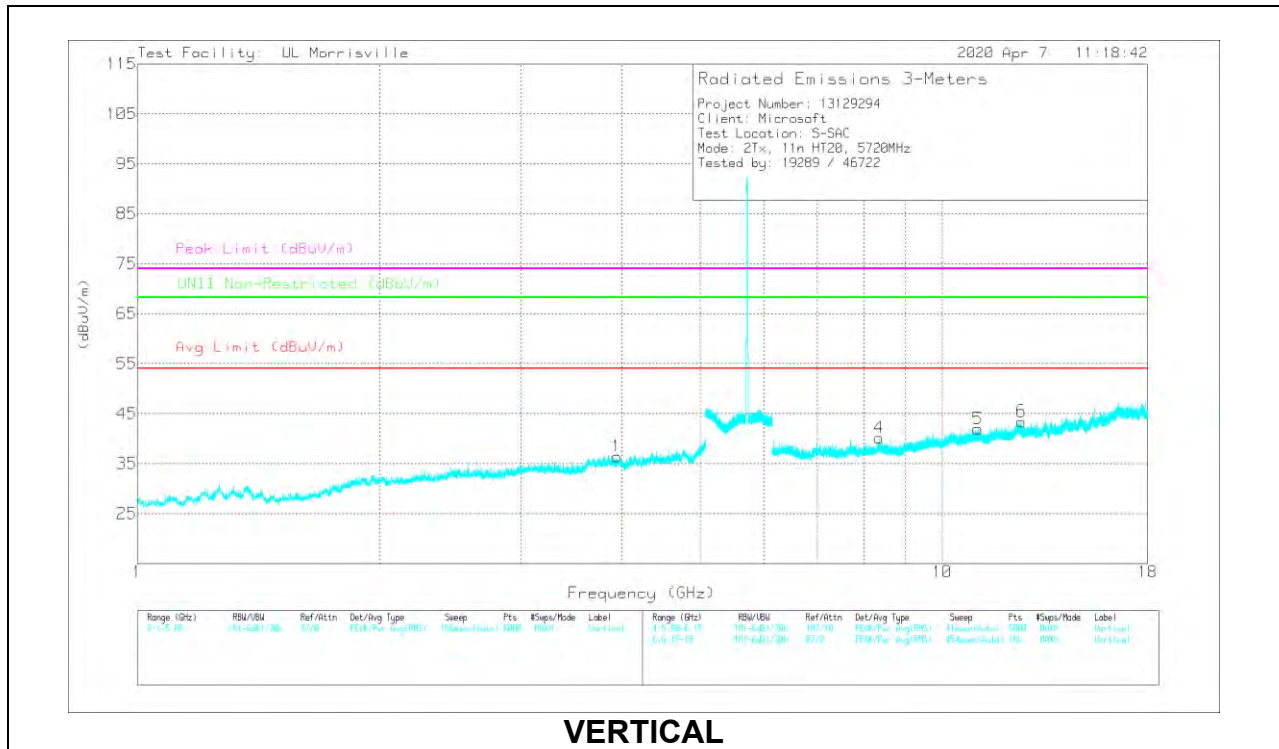
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

CHANNEL 144 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/CbI/Ftr/PA d (dB)	DC Corr (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
2	* 4.77295	41.03	PK-U	34.1	-30.8	0	44.33	-	-	74	-29.67	-	-	123	374	H
	* 4.77301	28.22	ADV	34.1	-30.8	.18	31.7	54	-22.3	-	-	-	-	123	374	H
1	* 3.94289	41.36	PK-U	33.4	-31.7	0	43.06	-	-	74	-30.94	-	-	148	243	V
	* 3.94324	27.83	ADV	33.4	-31.7	.18	29.81	54	-24.19	-	-	-	-	148	243	V
3	* 7.37833	37.11	PK-U	35.7	-27.9	0	44.91	-	-	74	-29.09	-	-	318	119	H
	* 7.37862	23.68	ADV	35.7	-27.9	.18	31.66	54	-22.34	-	-	-	-	318	119	H
4	* 8.3509	36.61	PK-U	36	-26.7	0	45.91	-	-	74	-28.09	-	-	330	191	V
	* 8.35074	23.47	ADV	36	-26.7	.18	32.95	54	-21.05	-	-	-	-	330	191	V
5	* 11.07585	34.95	PK-U	37.8	-24.2	0	48.65	-	-	74	-25.35	-	-	76	374	V
	* 11.07611	21.22	ADV	37.8	-24.2	.18	35.1	54	-18.9	-	-	-	-	76	374	V
6	* 12.55209	34.02	PK-U	39	-23.5	0	49.52	-	-	74	-24.48	-	-	144	282	V
	* 12.55148	20.36	ADV	39	-23.5	.18	36.04	54	-17.96	-	-	-	-	144	282	V

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

PK-U - U-NII: Maximum Peak

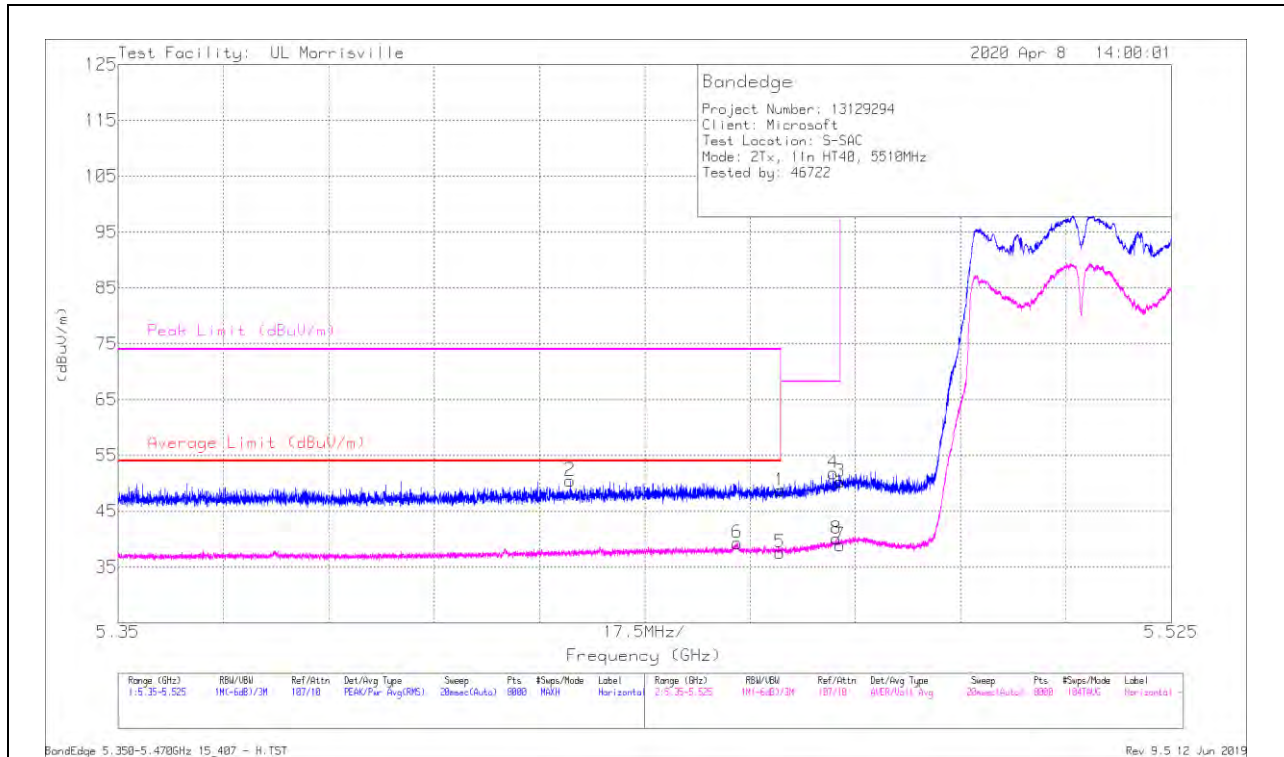
ADV - U-NII AD primary method, Linear Voltage Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



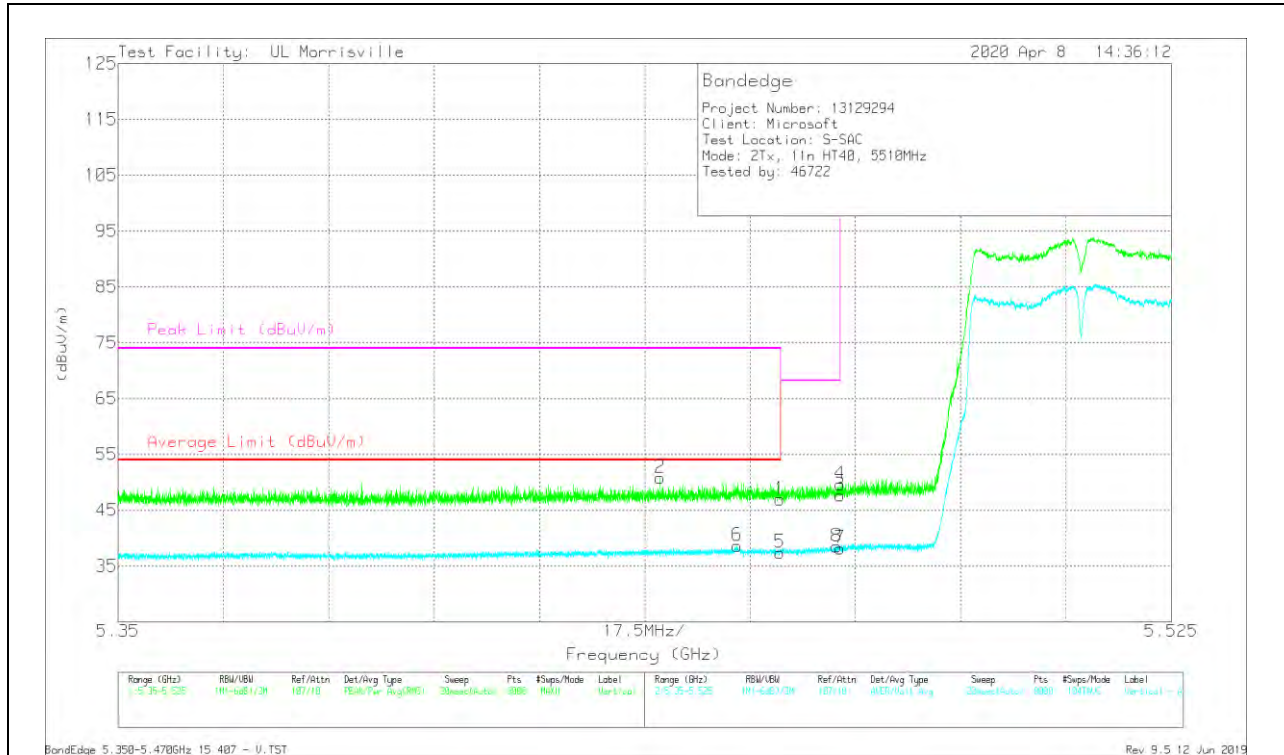
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Ftr/Psd (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	37.23	Pk	34.5	-23	0	48.73	-	-	74	-25.27	353	127	H
2	* 5.42509	38.97	Pk	34.4	-22.9	0	50.47	-	-	74	-23.53	353	127	H
5	* 5.45998	25.74	ADV	34.5	-23	.36	37.6	54	-16.4	-	-	353	127	H
6	* 5.45283	27.44	ADV	34.5	-23	.36	39.3	54	-14.7	-	-	353	127	H
4	5.4688	40.35	Pk	34.5	-23	0	51.85	-	-	68.2	-16.35	353	127	H
8	5.46932	28.23	ADV	34.5	-23	.36	40.09	-	-	-	-	353	127	H
3	5.46998	38.81	Pk	34.5	-23	0	50.31	-	-	68.2	-17.89	353	127	H
7	5.46998	27.08	ADV	34.5	-23	.36	38.94	-	-	-	-	353	127	H

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

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCalc/Ftr/Prod (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	35.48	Pk	34.5	-23	0	46.98	-	-	74	-27.02	57	108	V
2	* 5.44005	39.22	Pk	34.5	-22.9	0	50.82	-	-	74	-23.18	57	108	V
5	* 5.45998	25.56	ADV	34.5	-23	.36	37.42	54	-16.58	-	-	57	108	V
6	* 5.45283	26.81	ADV	34.5	-23	.36	38.67	54	-15.33	-	-	57	108	V
8	5.46939	26.66	ADV	34.5	-23	.36	38.52	-	-	-	-	57	108	V
4	5.46994	33.15	Pk	34.5	-23	0	49.65	-	-	68.2	-18.55	57	108	V
3	5.46998	36.18	Pk	34.5	-23	0	47.68	-	-	68.2	-20.52	57	108	V
7	5.46998	26.34	ADV	34.5	-23	.36	38.2	-	-	-	-	57	108	V

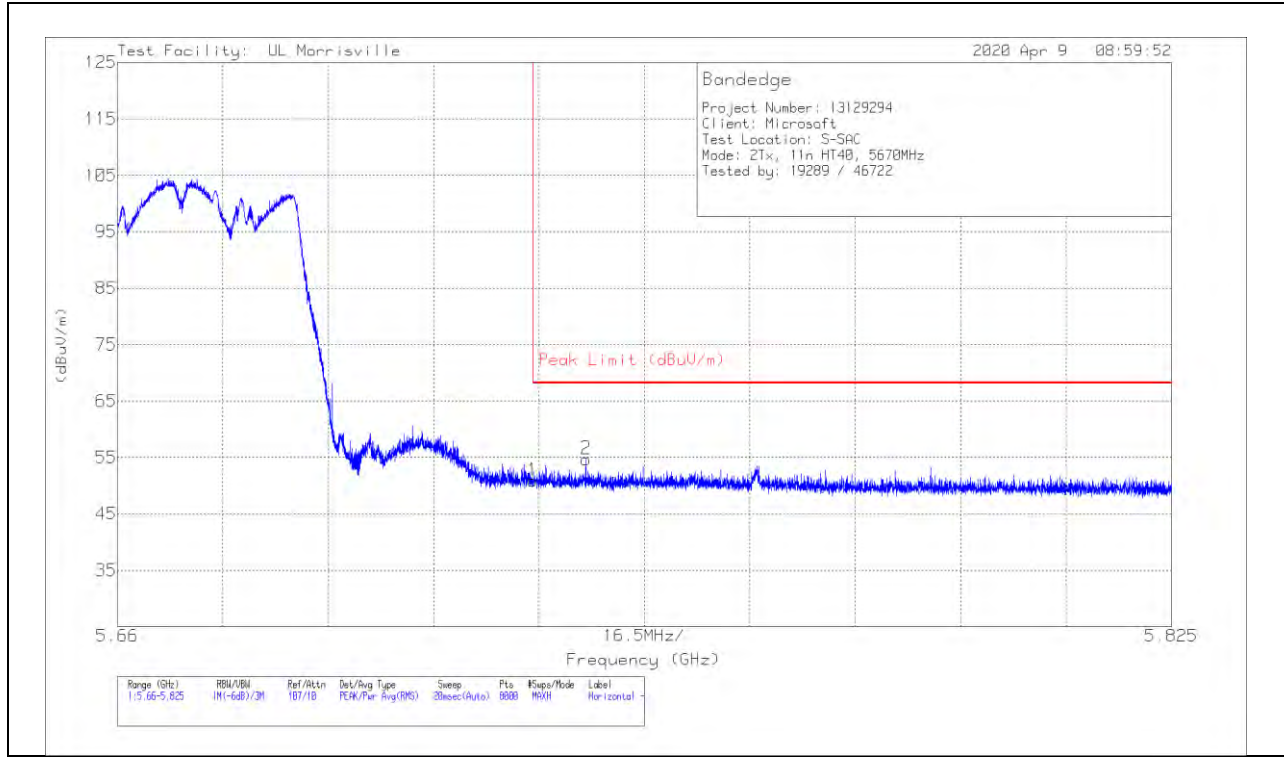
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

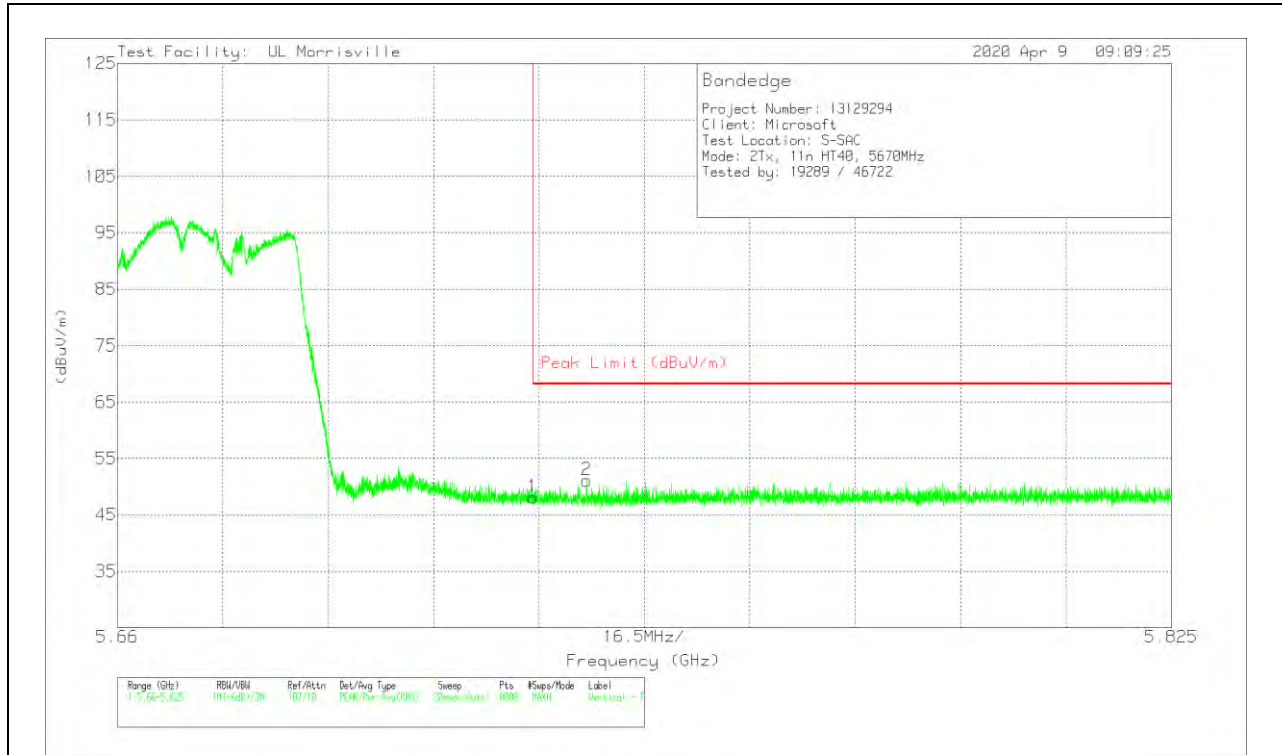
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.99	Pk	34.7	-22.8	0	50.89	68.2	-17.31	18	102	H
2	5.73333	42.91	Pk	34.7	-22.9	0	54.71	68.2	-13.49	18	102	H

Pk - Peak detector

VERTICAL RESULT

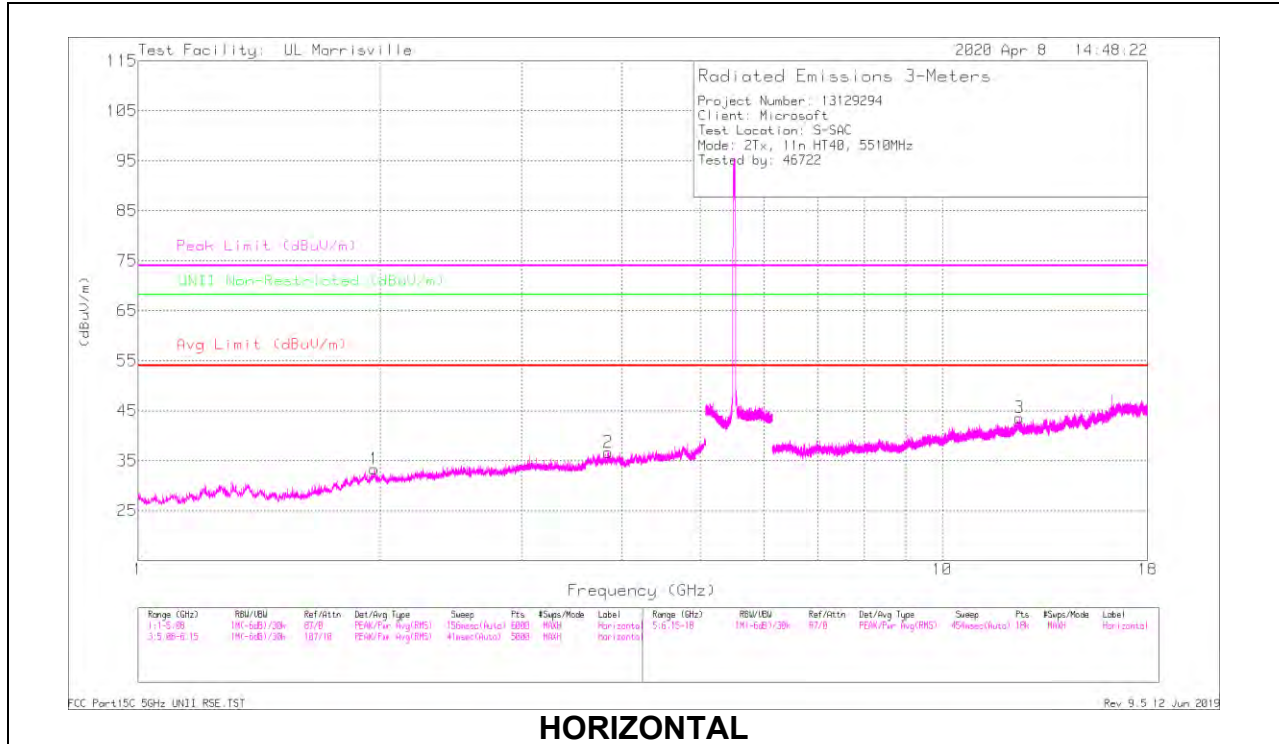


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	36.18	Pk	34.7	-22.8	48.08	68.2	-20.12	156	332	V
2	5.7335	39.3	Pk	34.7	-22.9	51.1	68.2	-17.1	156	332	V

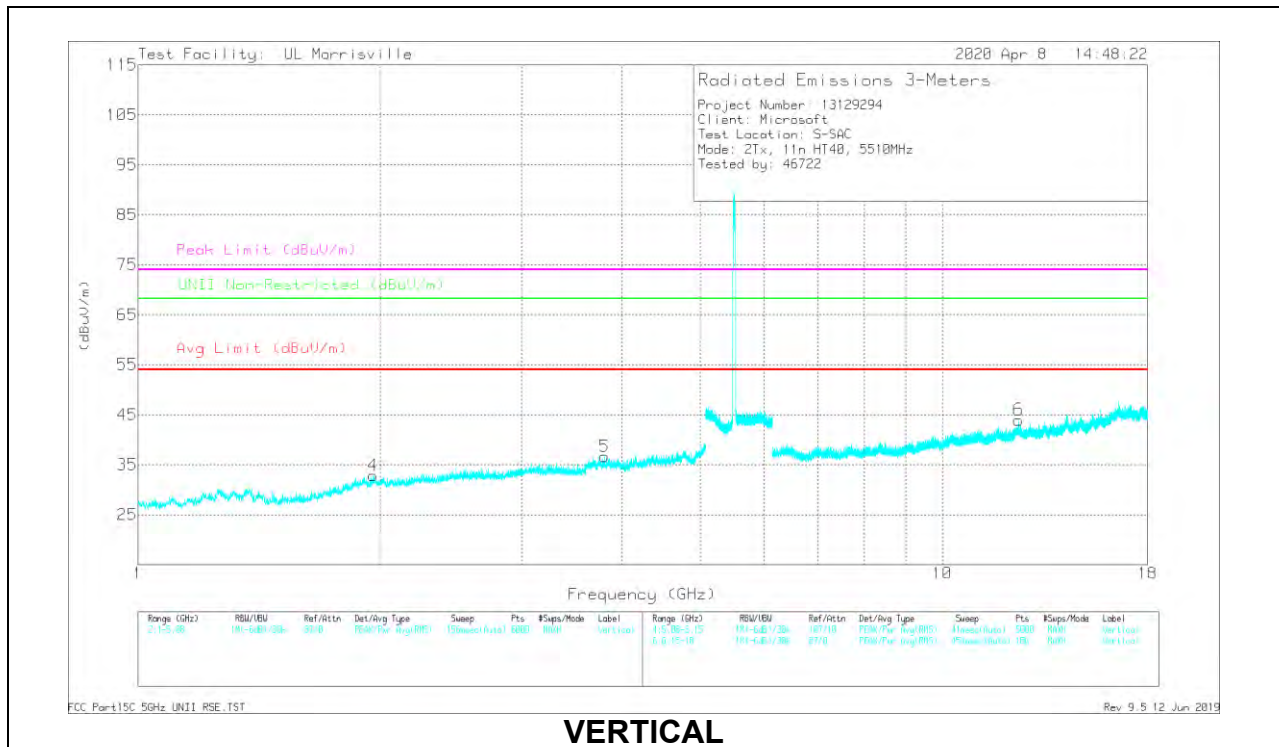
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

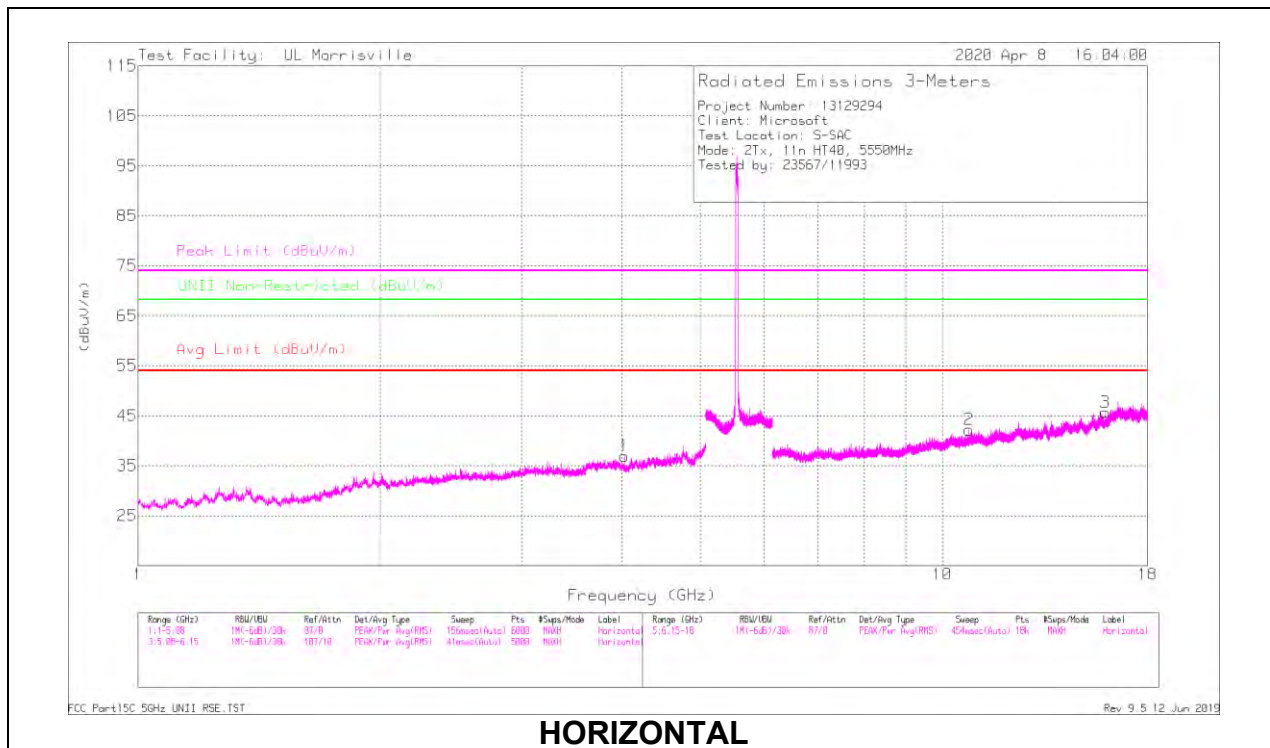
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A19072 (dBm)	AmpChnFilt/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.96715	42.39	PK-U	31.4	-33.9	0	39.89	-	-	-	-	68.2	-28.31	348	245	H
	1.96677	28.96	ADV	31.4	-33.9	.36	26.82	54	-27.18	-	-	-	-	348	245	H
2	* 3.84285	41.16	PK-U	33.5	-32.3	0	42.36	-	-	74	-31.64	-	-	44	249	H
	* 3.84328	28.47	ADV	33.5	-32.3	.36	30.03	54	-23.97	-	-	-	-	44	249	H
4	1.96012	41.84	PK-U	31.3	-33.8	0	39.34	-	-	-	-	68.2	-28.86	356	164	V
	1.95902	28.76	ADV	31.3	-33.8	.36	26.62	54	-27.38	-	-	-	-	356	164	V
5	* 3.80016	41.29	PK-U	33.5	-32.5	0	42.29	-	-	74	-31.71	-	-	54	391	V
	* 3.80006	28.49	ADV	33.5	-32.5	.36	29.85	54	-24.15	-	-	-	-	54	391	V
3	* 12.47244	32.96	PK-U	38.9	-23	0	48.86	-	-	74	-25.14	-	-	318	293	H
	* 12.47238	20.36	ADV	38.9	-23	.36	36.62	54	-17.38	-	-	-	-	318	293	H
6	* 12.44118	33.09	PK-U	38.9	-23.1	0	48.89	-	-	74	-25.11	-	-	0	390	V
	* 12.44274	20.7	ADV	38.9	-23.1	.36	36.86	54	-17.14	-	-	-	-	0	390	V

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

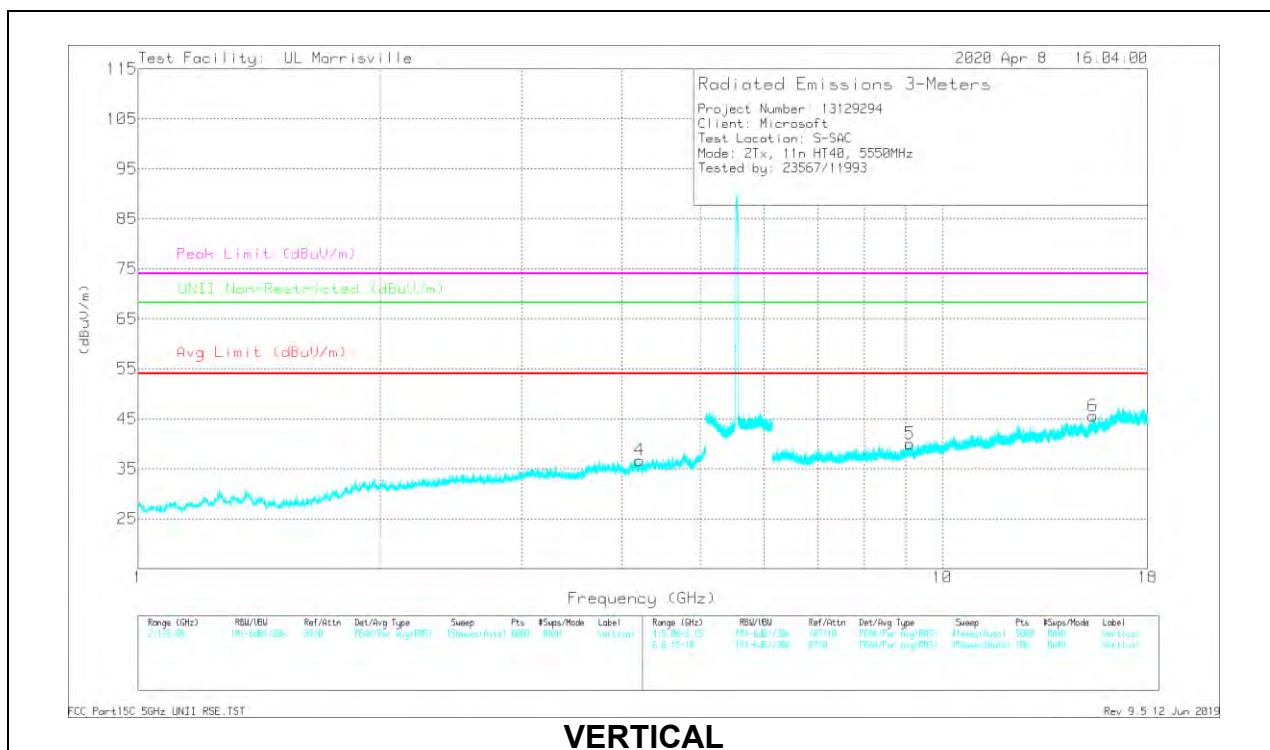
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

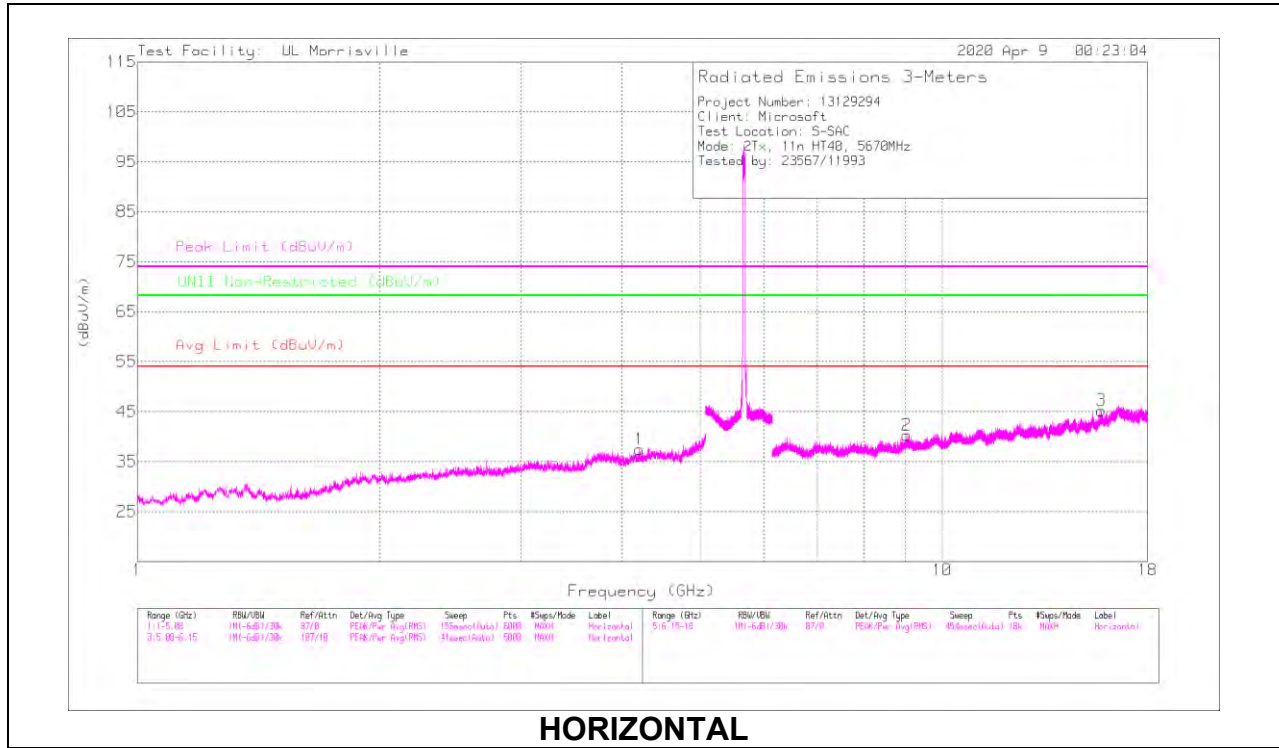
Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCblFiltRPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.02227	40.9	PK-U	33.4	-32	0	42.3	-	-	74	-31.7	-	-	33	382	H
	* 4.02317	27.58	ADV	33.4	-32	.36	29.34	54	-24.66	-	-	-	-	33	382	H
4	* 4.20509	40.92	PK-U	33.3	-31.3	0	42.92	-	-	74	-31.08	-	-	202	120	V
	* 4.20579	27.73	ADV	33.3	-31.3	.36	30.08	54	-23.91	-	-	-	-	202	120	V
2	* 10.80001	34.06	PK-U	37.8	-24.1	0	47.76	-	-	74	-26.24	-	-	287	343	H
	* 10.79863	20.73	ADV	37.8	-24.1	.36	34.79	54	-19.21	-	-	-	-	287	343	H
3	* 15.94015	34.26	PK-U	40.6	-23.6	0	51.26	-	-	74	-22.74	-	-	113	389	H
	* 15.9405	21.21	ADV	40.6	-23.6	.36	38.57	54	-15.43	-	-	-	-	113	389	H
5	* 9.11422	34.55	PK-U	36.8	-26	0	45.15	-	-	74	-28.85	-	-	1	120	V
	* 9.11396	21.79	ADV	36.8	-26	.36	32.75	54	-21.25	-	-	-	-	1	120	V
6	* 15.39916	32.94	PK-U	39.9	-21.2	0	51.64	-	-	74	-22.36	-	-	3	125	V
	* 15.399	19.31	ADV	39.9	-21.1	.36	38.47	54	-15.53	-	-	-	-	3	125	V

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

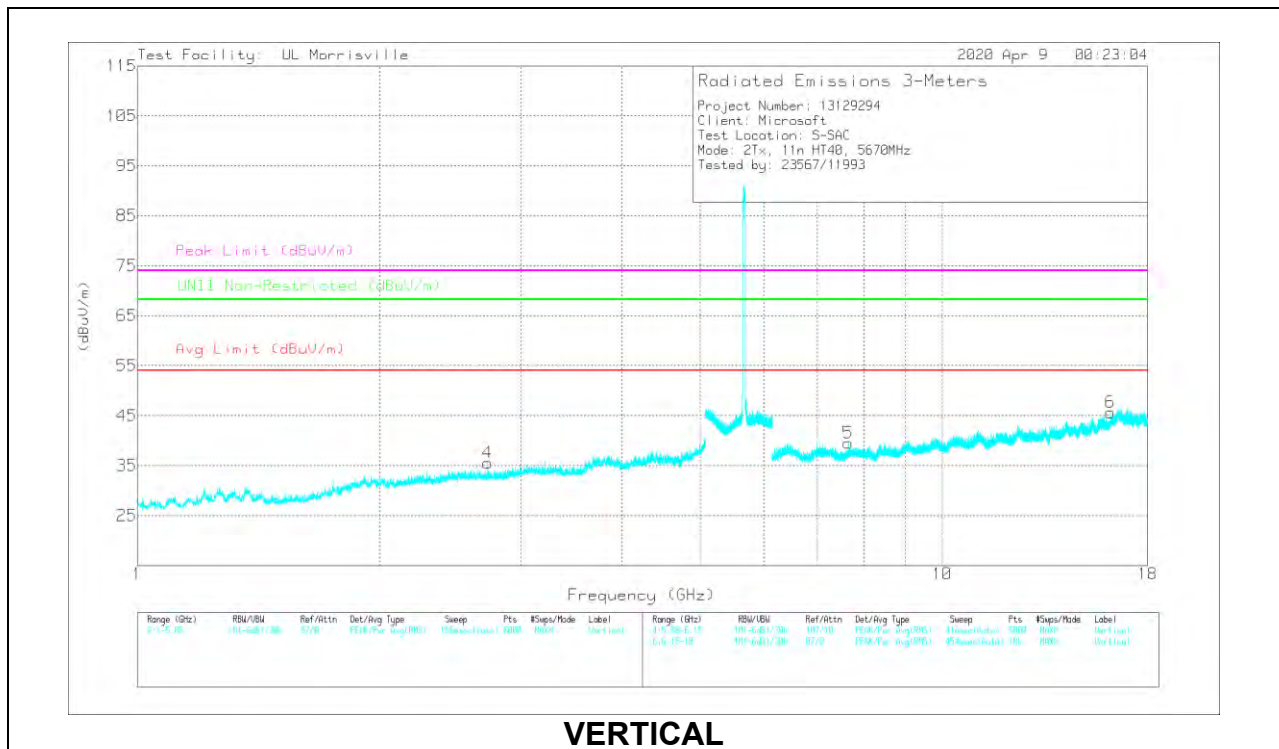
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

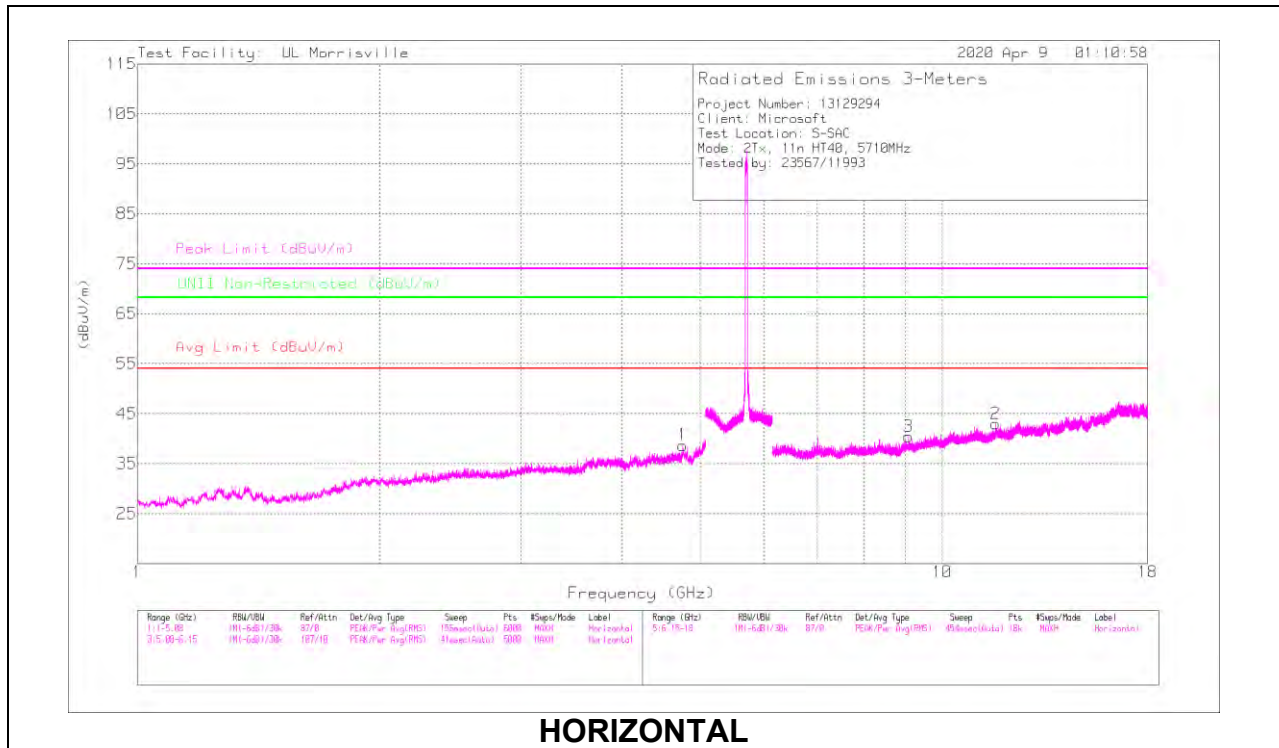
Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCblFiltRPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.20745	42.09	PK-U	33.3	-31.3	0	44.09	-	-	74	-29.91	-	-	312	283	H
	* 4.20792	28.13	ADV	33.4	-31.4	.36	30.49	54	-23.51	-	-	-	-	312	283	H
4	* 2.72495	41.26	PK-U	32.3	-33.4	0	40.16	-	-	74	-33.84	-	-	166	273	V
	* 2.72535	28.7	ADV	32.3	-33.4	.36	27.96	54	-26.04	-	-	-	-	166	273	V
2	* 9.04094	35.58	PK-U	36.6	-26.5	0	45.68	-	-	74	-28.32	-	-	324	368	H
	* 9.03987	22.53	ADV	36.6	-26.5	.36	32.99	54	-21.01	-	-	-	-	324	368	H
3	* 15.75575	33.91	PK-U	40.3	-22.4	0	51.81	-	-	74	-22.19	-	-	352	347	H
	* 15.75693	20.56	ADV	40.3	-22.4	.36	38.82	54	-15.18	-	-	-	-	352	347	H
5	* 7.84183	37.15	PK-U	35.9	-27.4	0	45.65	-	-	74	-28.35	-	-	180	182	V
	* 7.84123	23.6	ADV	35.9	-27.4	.36	32.46	54	-21.54	-	-	-	-	180	192	V
6	* 16.19082	33.99	PK-U	40.9	-22.5	0	52.39	-	-	74	-21.61	-	-	176	170	V
	* 16.19095	20.86	ADV	40.9	-22.5	.36	39.62	54	-14.38	-	-	-	-	176	170	V

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

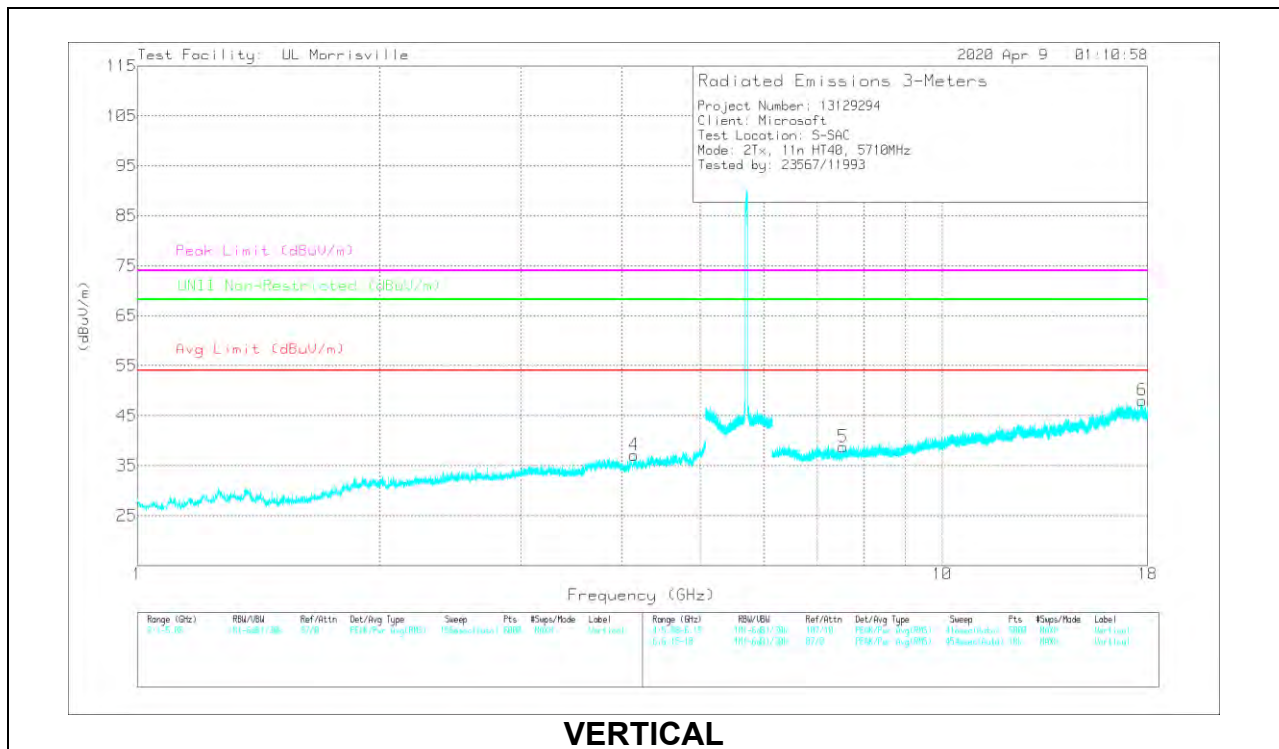
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

CHANNEL 142 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCdb/Filt/rPa d (dB)	DC Corr (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	* 4.7623	41.67	PK-U	34.1	-30.8	0	44.97	-	-	74	-29.03	-	-	254	324	H
	* 4.76233	28.65	ADV	34.1	-30.8	.36	32.31	54	-21.69	-	-	-	-	254	324	H
4	* 4.13996	40.12	PK-U	33.4	-31	0	42.52	-	-	74	-31.48	-	-	17	118	V
	* 4.1415	27.26	ADV	33.4	-31	.36	30.04	54	-23.96	-	-	-	-	17	118	V
2	* 11.6454	33.92	PK-U	38.4	-24	0	48.32	-	-	74	-25.68	-	-	0	369	H
	* 11.64492	20.79	ADV	38.4	-24	.36	35.55	54	-18.45	-	-	-	-	0	369	H
3	* 9.08322	35.62	PK-U	36.6	-26.1	0	46.12	-	-	74	-27.88	-	-	263	370	H
	* 9.08311	22.14	ADV	36.6	-26.1	.36	33	54	-21	-	-	-	-	263	370	H
5	* 7.53208	36.47	PK-U	35.8	-27.2	0	45.07	-	-	74	-28.93	-	-	200	344	V
	* 7.53094	23.04	ADV	35.8	-27.2	.36	32	54	-22	-	-	-	-	200	344	V
6	* 17.73169	34.23	PK-U	41.2	-21.3	0	54.13	-	-	74	-19.87	-	-	227	276	V
	* 17.73149	20.65	ADV	41.2	-21.3	.36	40.91	54	-13.09	-	-	-	-	227	276	V

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

PK-U - U-NII: Maximum Peak

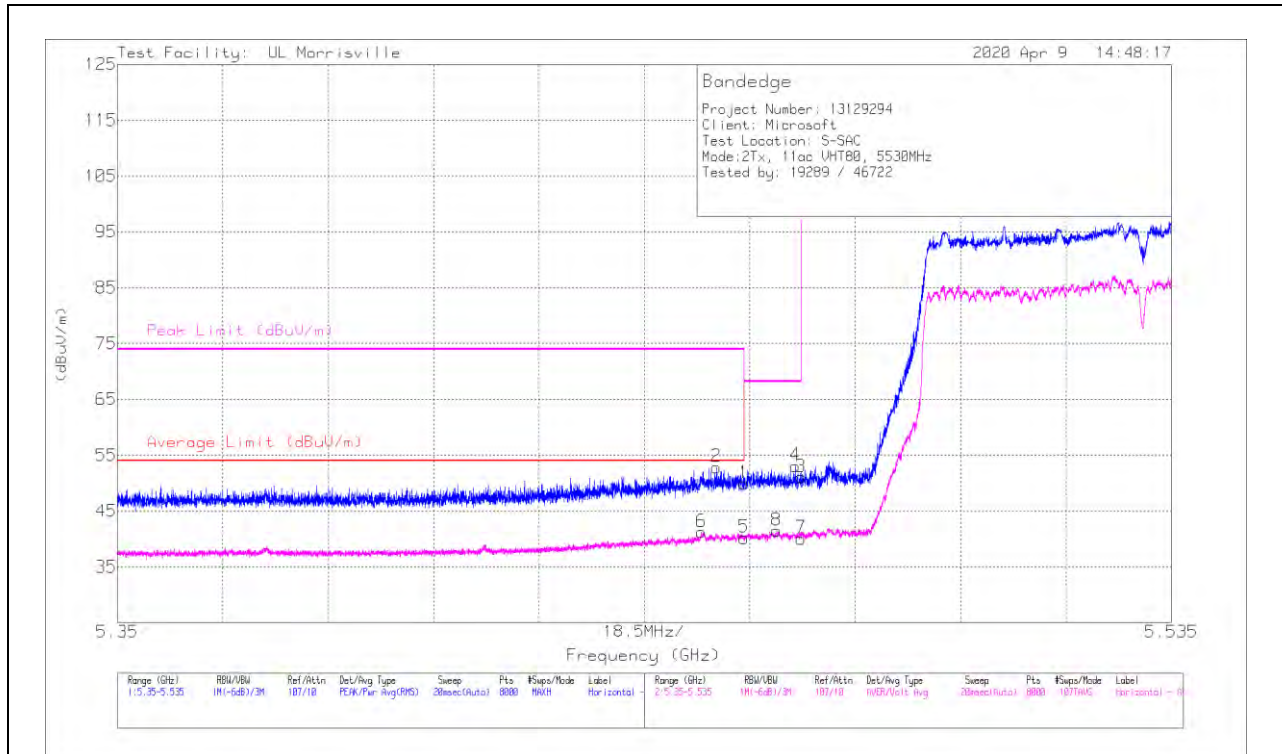
ADV - U-NII AD primary method, Linear Voltage Average

10.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



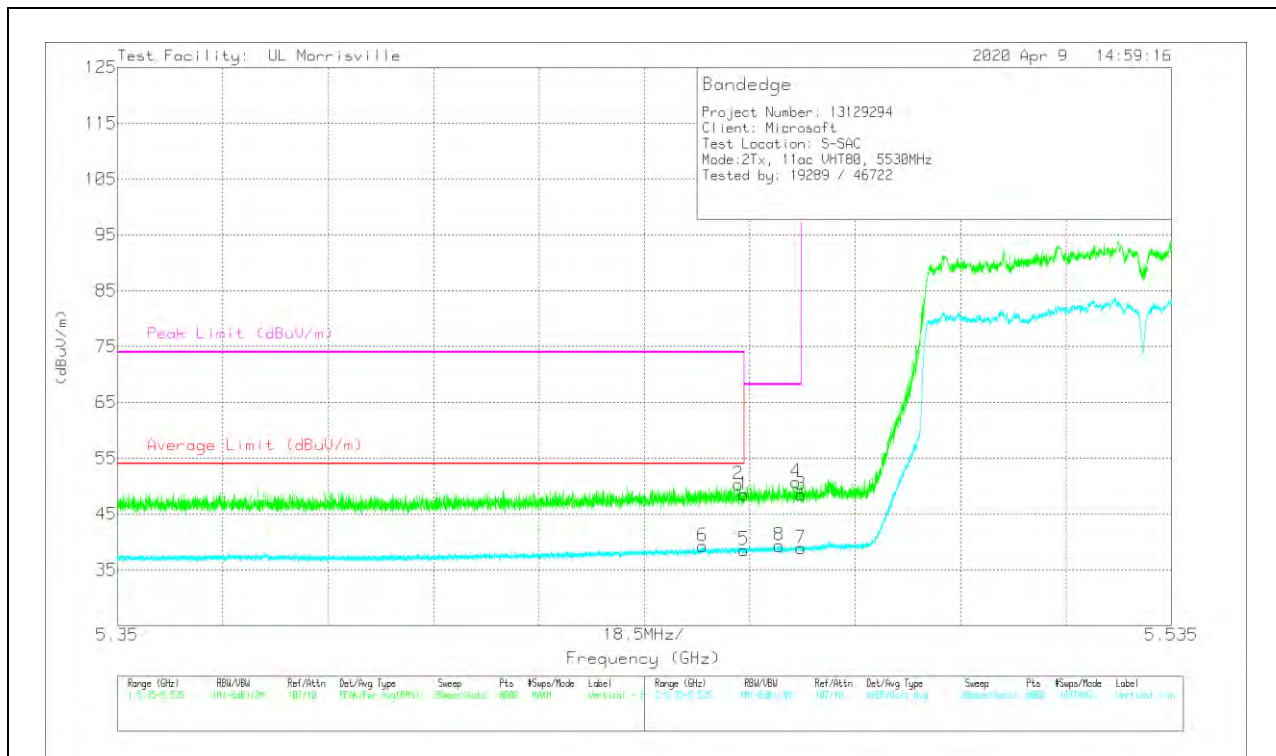
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCm/Ftr/P at (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.47	Pk	34.5	-23	0	49.97	-	-	74	-24.03	319	111	H
2	* 5.45516	41.36	Pk	34.5	-23	0	52.86	-	-	74	-21.14	319	111	H
5	* 5.46	28.05	ADV	34.5	-23	.66	40.21	54	-13.79	-	-	319	111	H
6	* 5.45253	29.08	ADV	34.5	-23	.66	41.24	54	-12.76	-	-	319	111	H
8	5.46569	29.3	ADV	34.5	-23	.66	41.46	-	-	-	-	319	111	H
4	5.46899	41.58	Pk	34.5	-23	0	53.08	-	-	68.2	-15.12	319	111	H
3	5.46999	39.59	Pk	34.5	-23	0	51.09	-	-	68.2	-17.11	319	111	H
7	5.46999	27.89	ADV	34.5	-23	.66	40.05	-	-	-	-	319	111	H

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

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCalc/Freq/PSD (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Acimuth (Degs)	Height (cm)	Polarity
1	* 5.46	36.99	Pk	34.5	-23	0	48.49	-	-	74	-25.51	50	324	V
2	* 5.459	38.84	Pk	34.5	-23	0	50.34	-	-	74	-23.66	50	324	V
5	* 5.46	26.43	ADV	34.5	-23	.66	38.59	54	-15.41	-	-	50	324	V
6	* 5.45274	27.08	ADV	34.5	-23	.66	39.24	54	-14.76	-	-	50	324	V
8	5.46813	27.19	ADV	34.5	-23	.66	39.35	-	-	-	-	50	324	V
4	5.46913	39.25	Pk	34.5	-23	0	50.75	-	-	-	-	50	324	V
3	5.46999	37.01	Pk	34.5	-23	0	48.51	-	-	68.2	-17.45	50	324	V
7	5.46999	26.74	ADV	34.5	-23	.66	38.9	-	-	-	-	50	324	V

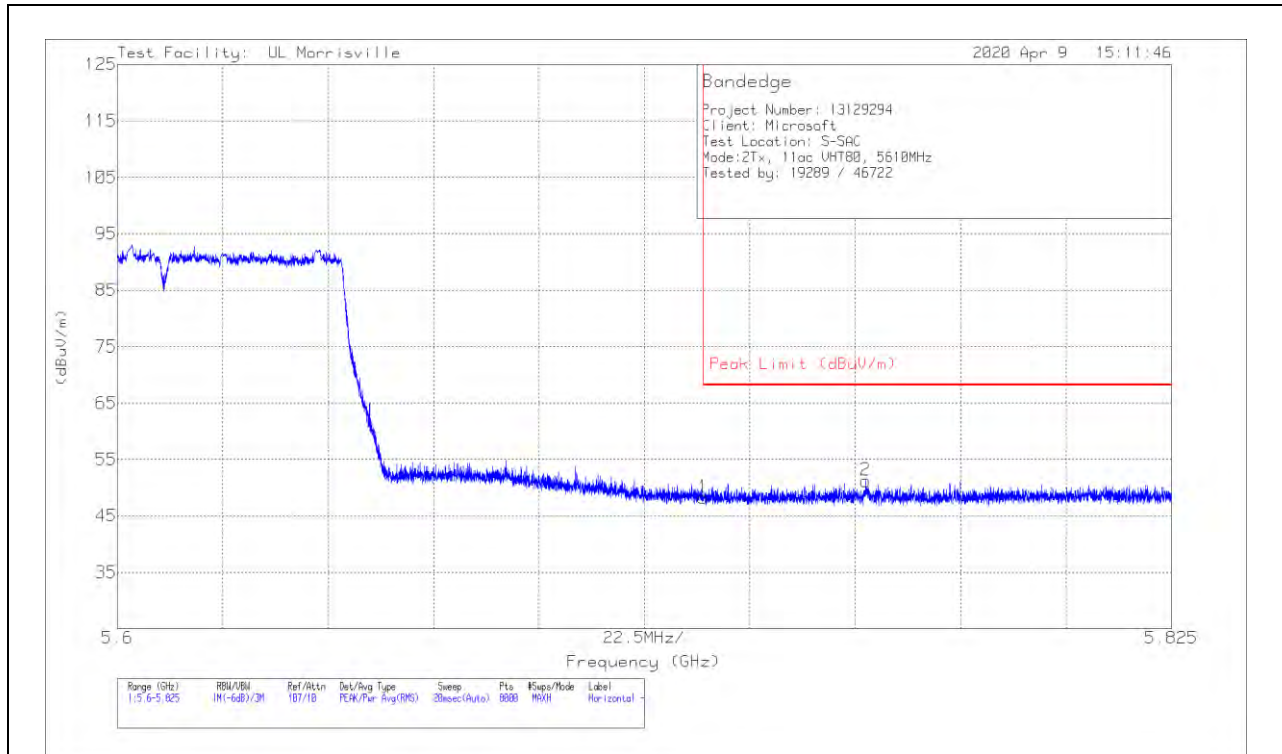
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

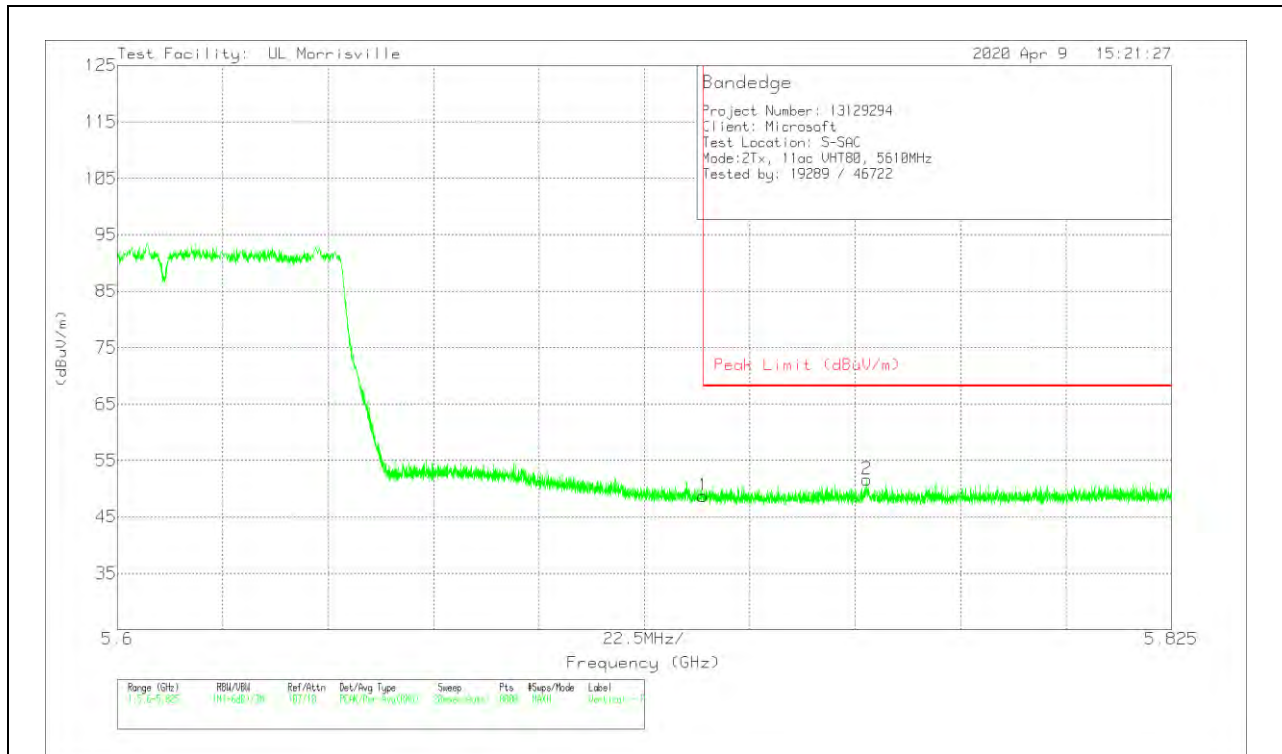
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	36.35	Pk	34.7	-22.8	0	48.25	68.2	-19.95	344	340	H
2	5.75972	39.12	Pk	34.8	-22.7	0	51.22	68.2	-16.98	344	340	H

Pk - Peak detector

VERTICAL RESULT

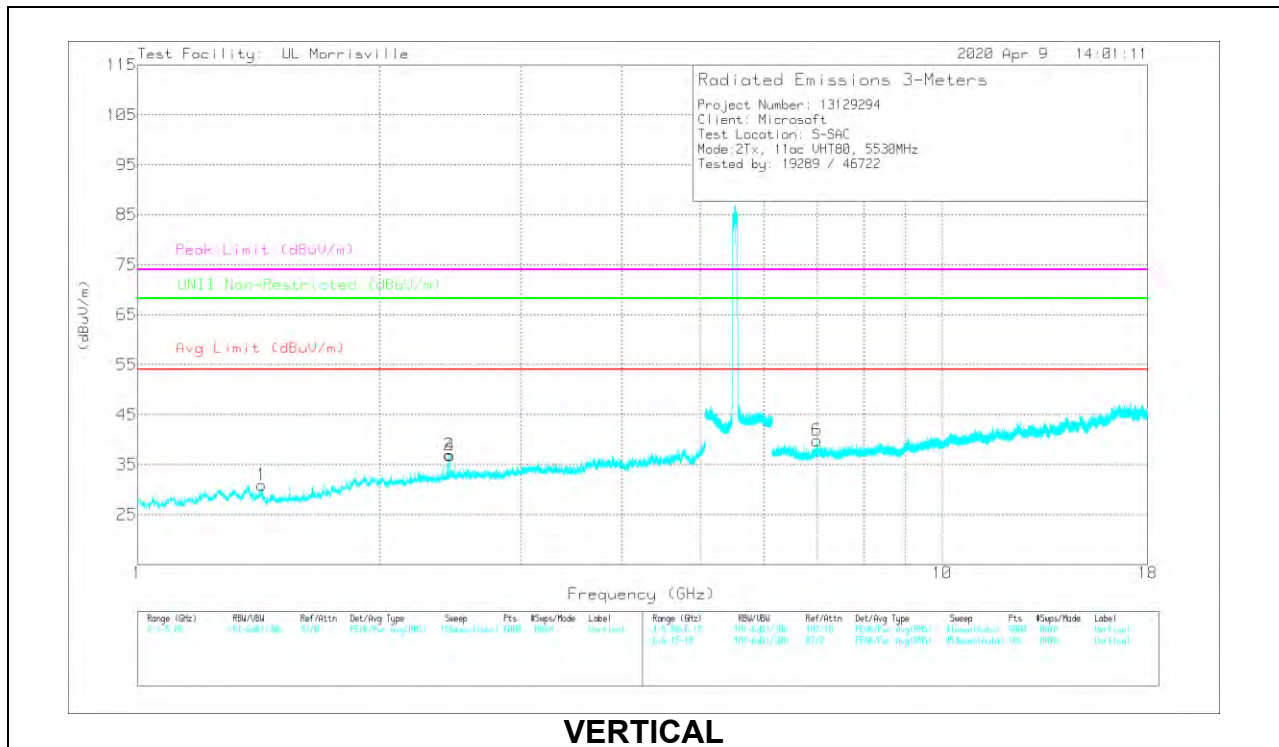
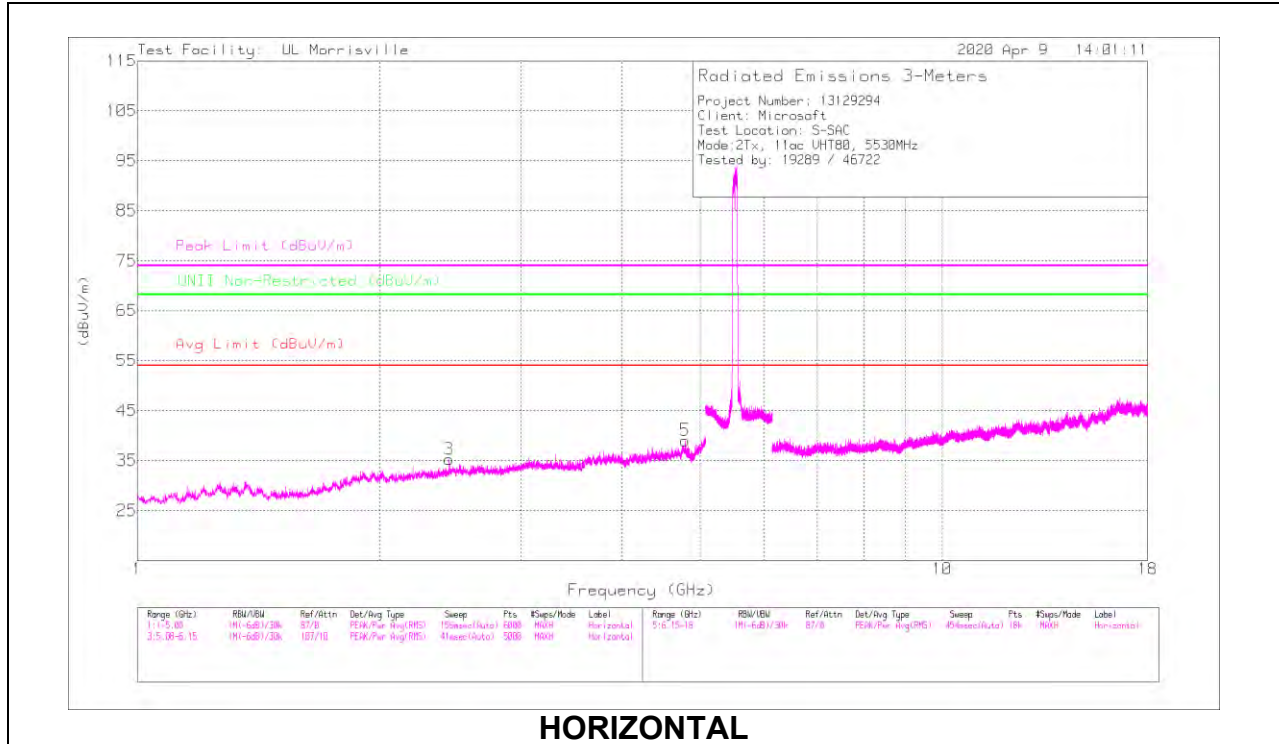


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72501	36.78	Pk	34.7	-22.8	0	48.68	68.2	-19.52	126	352	V
2	5.75994	39.53	Pk	34.8	-22.7	0	51.63	68.2	-16.57	126	352	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

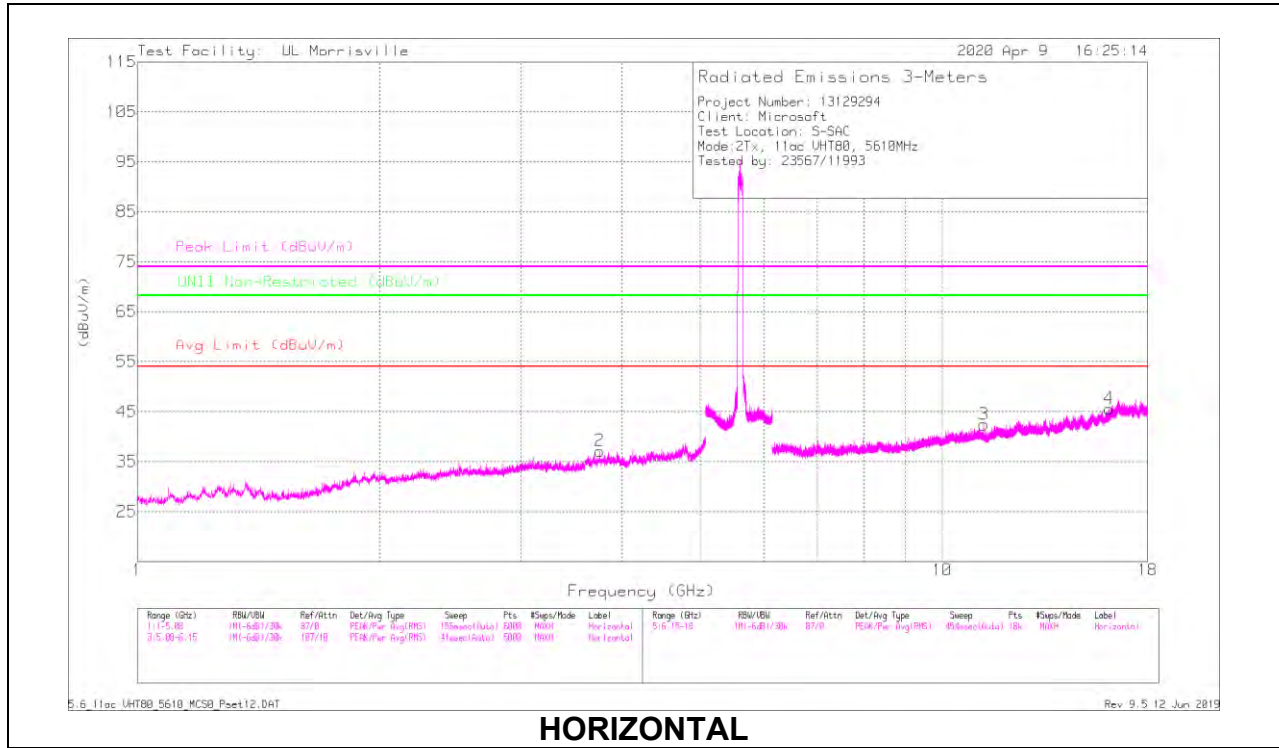
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbf/Fir/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 4.79505	40.73	PK-U	34.2	-30.5	0	44.43	-	-	74	-29.57	-	-	78	227	H
	* 4.79488	27.85	ADV	34.2	-30.5	.86	32.21	54	-21.79	-	-	-	-	78	227	H
1	* 1.42526	42.6	PK-U	28.3	-34.6	0	39.3	-	-	74	-37.7	-	-	346	265	V
	* 1.42553	29.57	ADV	28.3	-34.6	.66	23.93	54	-30.07	-	-	-	-	346	265	V
2	2.43886	44.87	PK-U	32.1	-33.7	0	43.27	-	-	-	-	68.2	-24.93	16	184	V
3	2.44084	41.82	PK-U	32.1	-33.7	0	40.22	-	-	-	-	68.2	-27.98	300	199	H
4	2.44778	41.81	PK-U	32.1	-33.8	0	40.11	-	-	-	-	68.2	-28.09	86	366	V
6	6.9887	36.85	PK-U	35.7	-27.5	0	45.05	-	-	-	-	68.2	-23.15	334	384	V

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

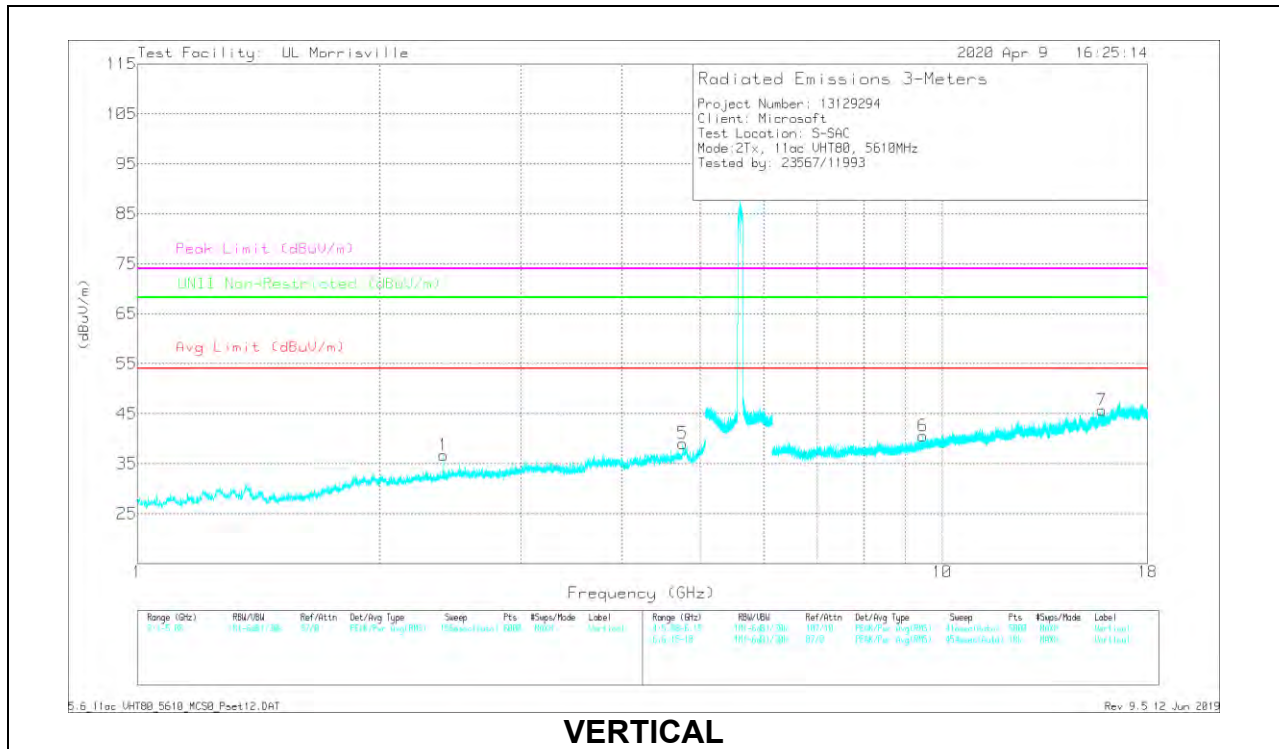
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

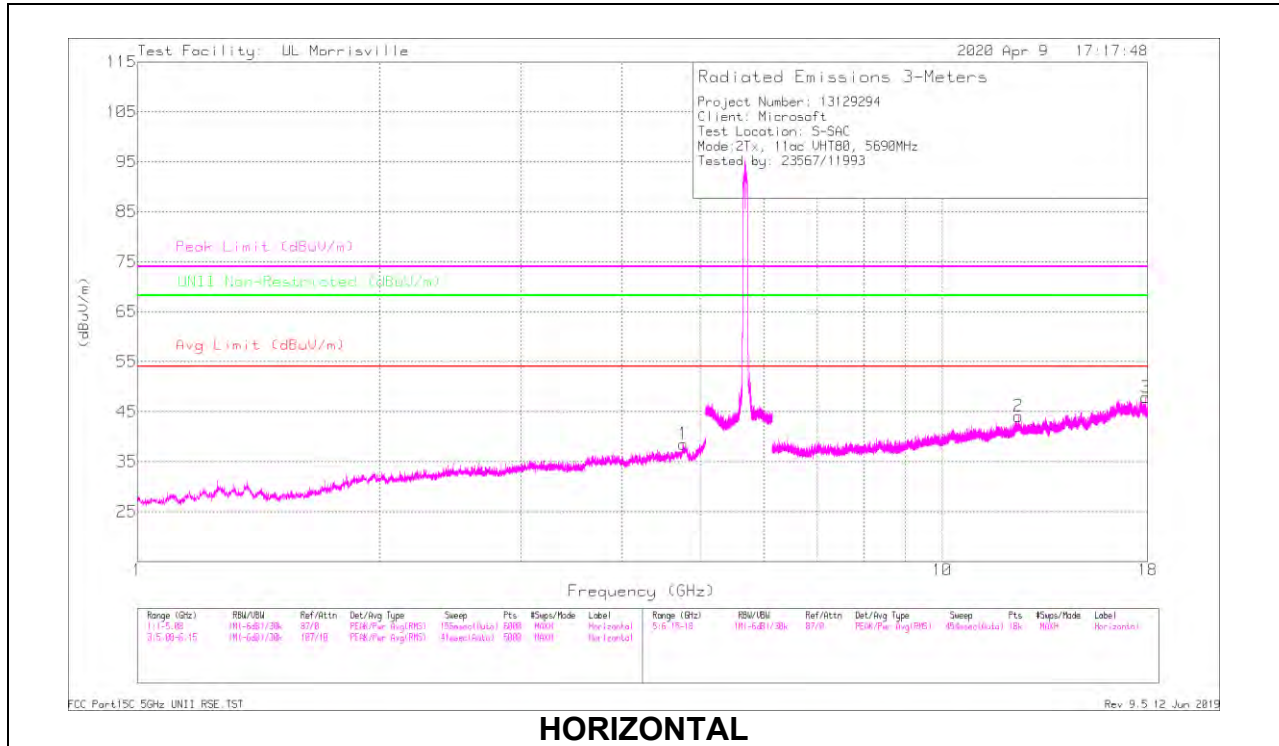
Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCblFiltRPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.75431	41.55	PK-U	33.3	-32.2	0	42.65	-	-	74	-31.35	-	-	1	258	H
	* 3.75481	28.41	ADV	33.3	-32.3	.66	30.07	54	-23.93	-	-	-	-	1	258	H
5	* 4.76393	41.39	PK-U	34.1	-30.8	0	45.29	-	-	74	-28.71	-	-	92	142	V
	* 4.76484	28.78	ADV	34.1	-30.8	.66	32.74	54	-21.26	-	-	-	-	92	142	V
3	* 11.26643	33.36	PK-U	38	-23.8	0	47.56	-	-	74	-26.44	-	-	38	145	H
	* 11.26646	20.12	ADV	38	-23.8	.66	34.98	54	-19.02	-	-	-	-	38	145	H
4	* 16.11716	34.59	PK-U	40.9	-23.6	0	51.89	-	-	74	-22.11	-	-	55	374	H
	* 16.11553	21.38	ADV	40.9	-23.6	.66	39.34	54	-14.66	-	-	-	-	55	374	H
6	* 9.46842	35.02	PK-U	37	-26	0	46.02	-	-	74	-27.98	-	-	216	215	V
	* 9.46938	22.16	ADV	37	-26	.66	33.82	54	-20.18	-	-	-	-	216	215	V
7	* 15.79564	34.28	PK-U	40.4	-22.3	0	52.38	-	-	74	-21.62	-	-	243	314	V
	* 15.79575	20.47	ADV	40.4	-22.3	.66	39.23	54	-14.77	-	-	-	-	243	314	V
1	2.40184	47.85	PK-U	31.9	-33.9	0	45.85	-	-	-	-	68.2	-22.35	0	218	V

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

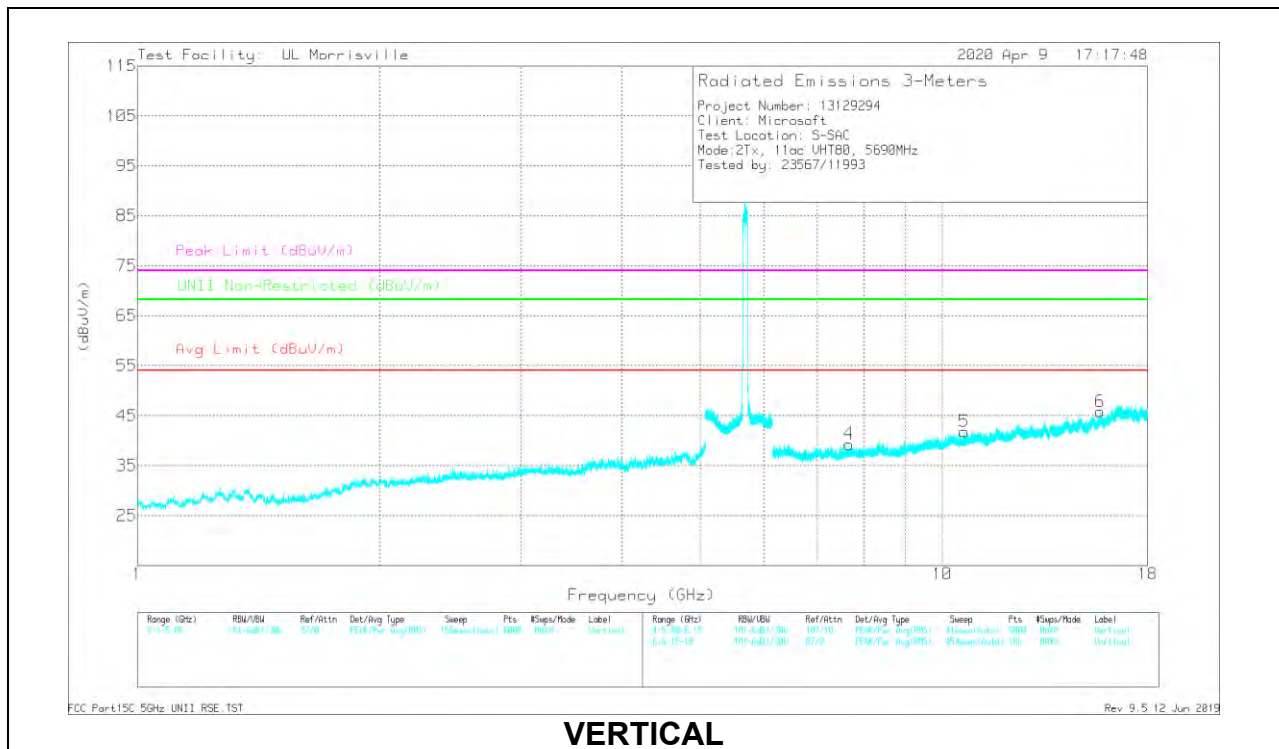
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

CHANNEL 138 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (kHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCblFiltRPa d (dB)	DC Corr (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	* 4.76447	41.95	PK-U	34.1	-30.8	0	45.25	-	-	74	-28.75	-	-	352	131	H
	4.76539	28.59	ADV	34.1	-30.8	.66	32.55	54	-21.45	-	-	-	-	352	131	H
2	* 12.44064	33.88	PK-U	38.9	-23.1	0	49.66	-	-	74	-24.32	-	-	144	295	H
	12.4424	20.73	ADV	38.9	-23.1	.66	37.19	54	-16.81	-	-	-	-	144	295	H
3	* 17.89951	33.28	PK-U	41.2	-21.4	0	53.08	-	-	74	-20.92	-	-	105	155	H
	17.89933	20.02	ADV	41.2	-21.4	.66	40.48	54	-13.52	-	-	-	-	105	155	H
4	* 7.66201	36.56	PK-U	35.9	-27.4	0	45.06	-	-	74	-28.94	-	-	123	360	V
	7.66124	23.55	ADV	35.9	-27.4	.66	32.71	54	-21.29	-	-	-	-	123	360	V
5	* 10.64725	34.33	PK-U	37.7	-24.6	0	47.43	-	-	74	-26.57	-	-	200	241	V
	10.64673	21.13	ADV	37.7	-24.6	.66	34.89	54	-19.11	-	-	-	-	200	241	V
6	* 15.7049	34.16	PK-U	40.2	-22.5	0	51.86	-	-	74	-22.14	-	-	280	274	V
	15.70535	20.78	ADV	40.2	-22.5	.66	39.14	54	-14.86	-	-	-	-	280	274	V

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

PK-U - U-NII: Maximum Peak

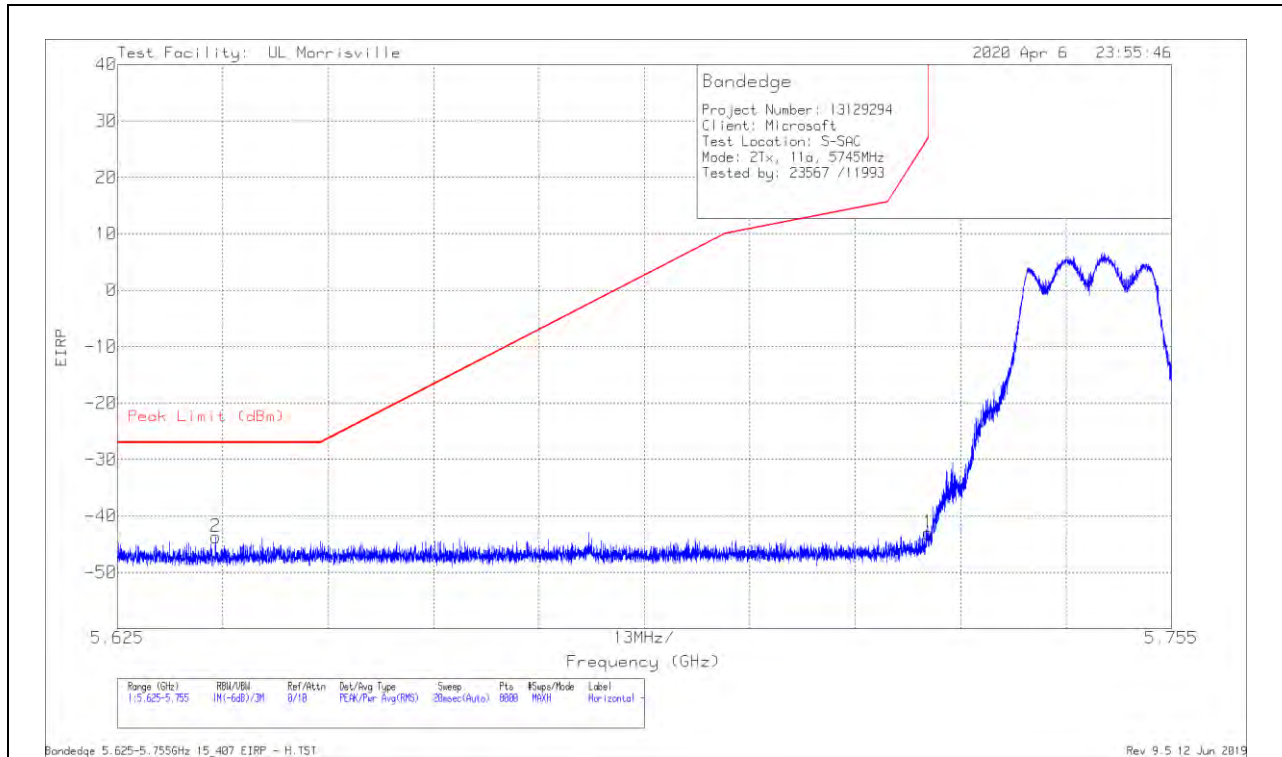
ADV - U-NII AD primary method, Linear Voltage Average

10.1.13. TX ABOVE 1 GHz 802.11a MODE IN THE 5.8 GHz BAND

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

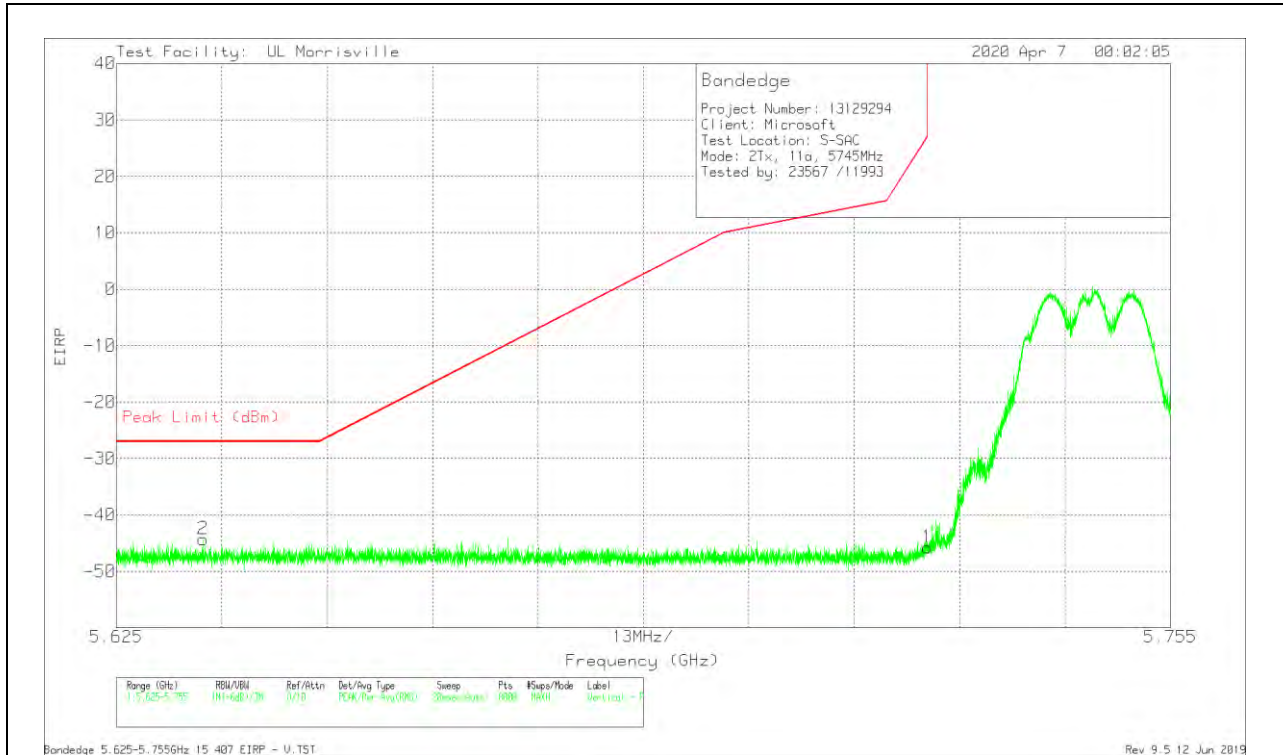
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63709	-67.34	Pk	34.7	-22.9	11.8	-43.74	-27	-16.74	325	128	H
1	5.725	-66.71	Pk	34.7	-22.8	11.8	-43.01	27	-70.01	325	128	H

Pk - Peak detector

VERTICAL RESULT

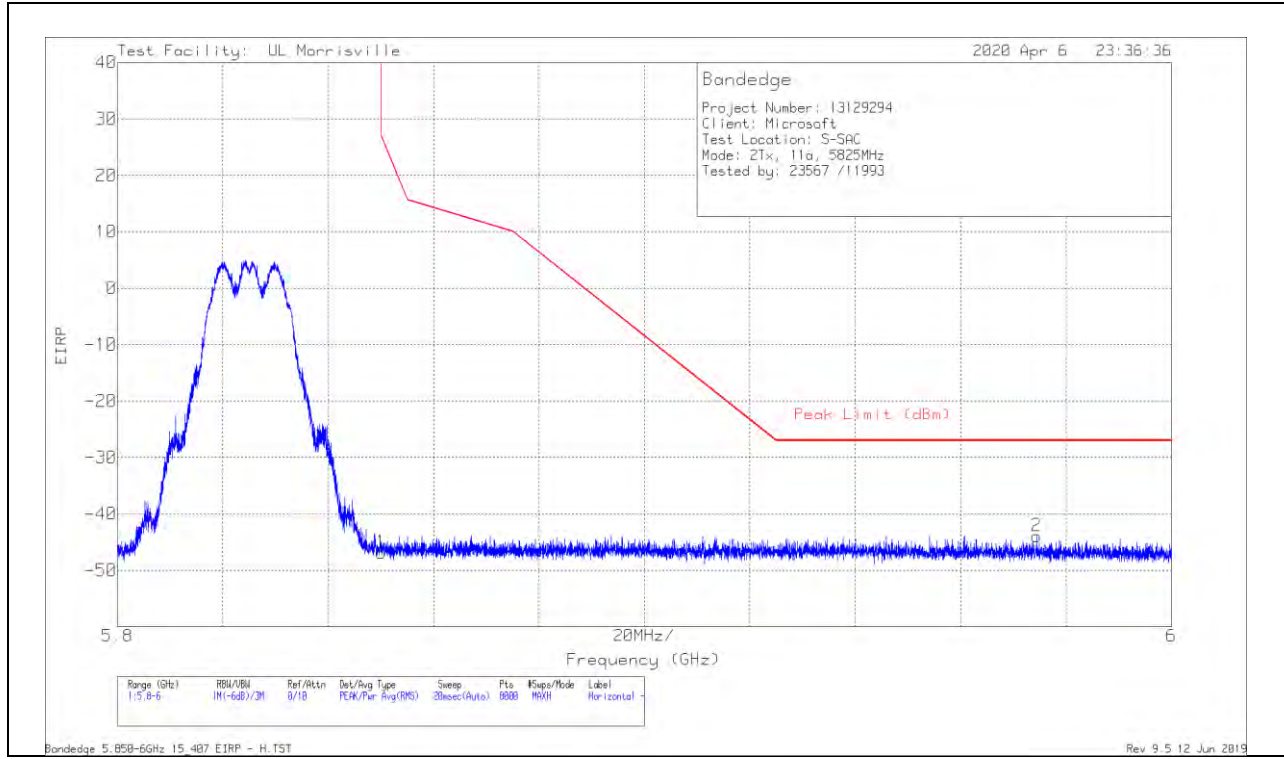


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63569	-67.89	Pk	34.7	-22.9	11.8	-44.29	-27	-17.29	74	102	V
1	5.725	-69.5	Pk	34.7	-22.8	11.8	-45.8	27	-72.8	74	102	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

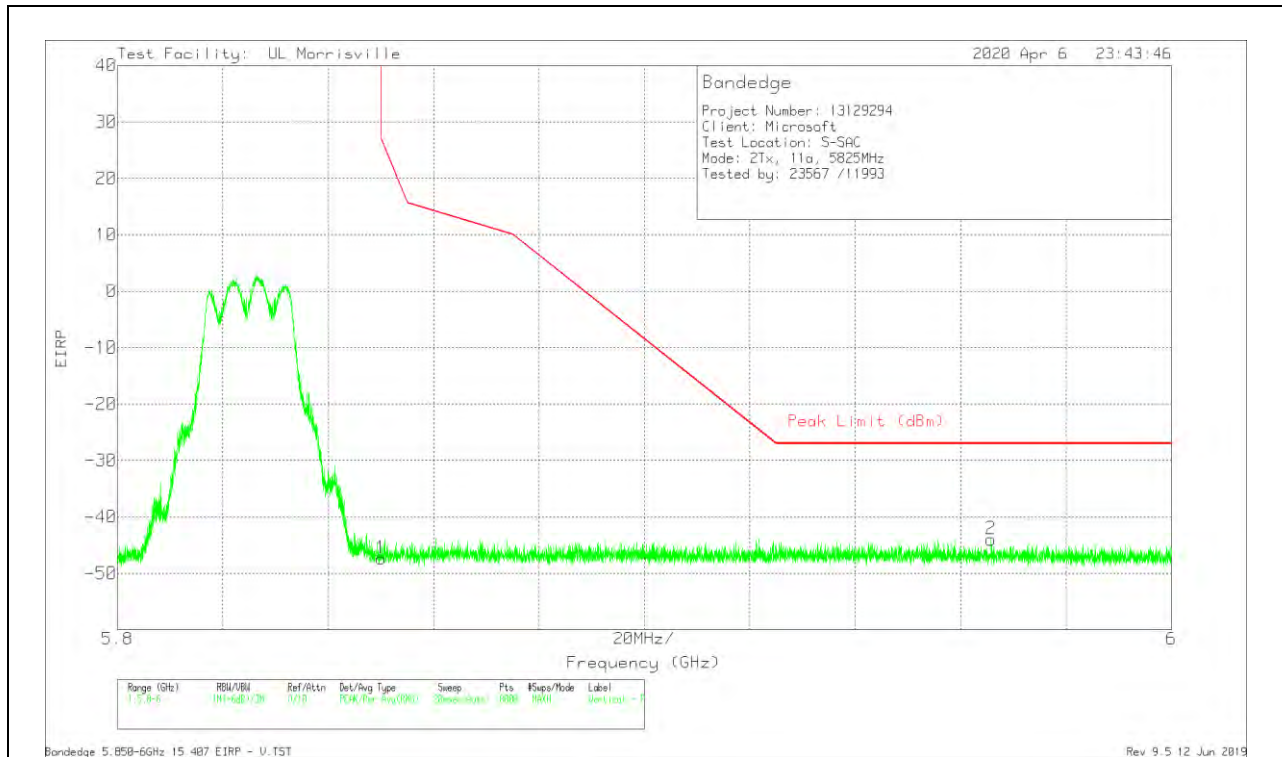
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-70.87	Pk	34.8	-22.6	11.8	-46.87	26.99	-73.86	307	118	H
2	5.97447	-68.45	Pk	35	-22.3	11.8	-43.95	-27	-16.95	307	118	H

Pk - Peak detector

VERTICAL RESULT

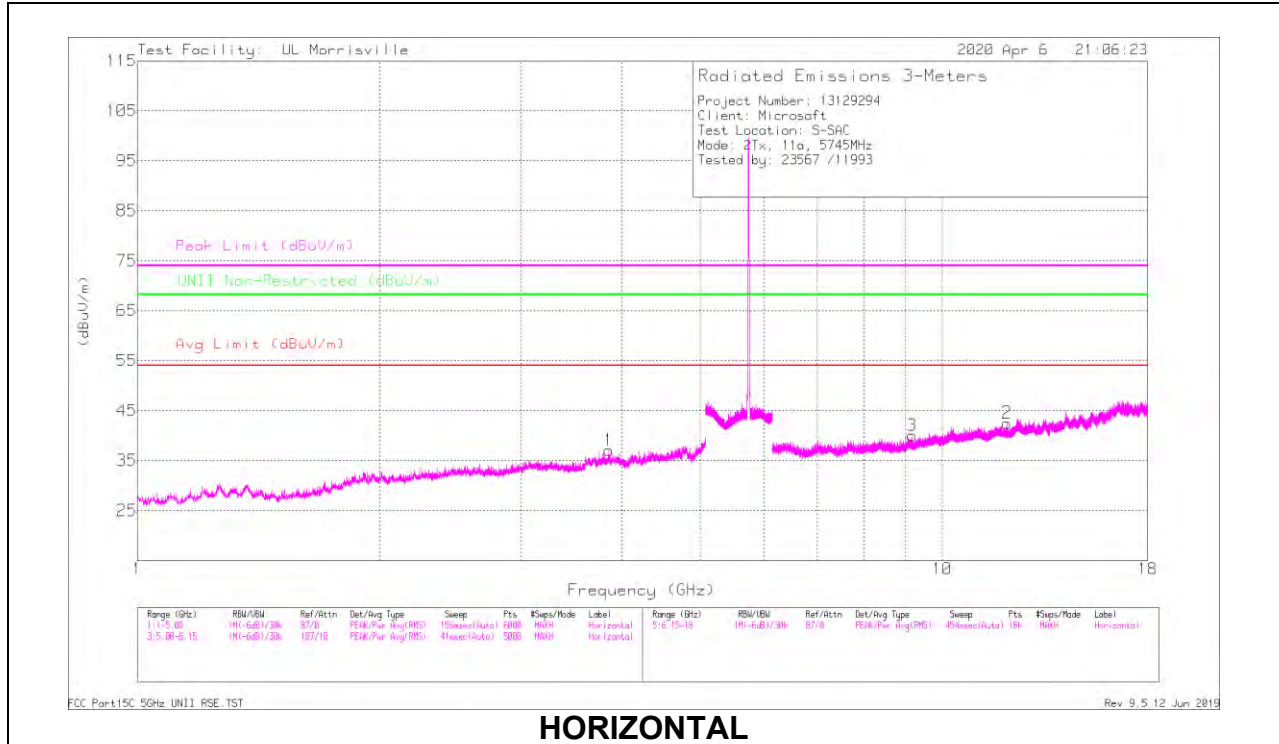


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-71.32	Pk	34.8	-22.6	11.8	-47.32	26.99	-74.31	128	346	V
2	5.96572	-68.49	Pk	35	-22.3	11.8	-43.99	-27	-16.99	128	346	V

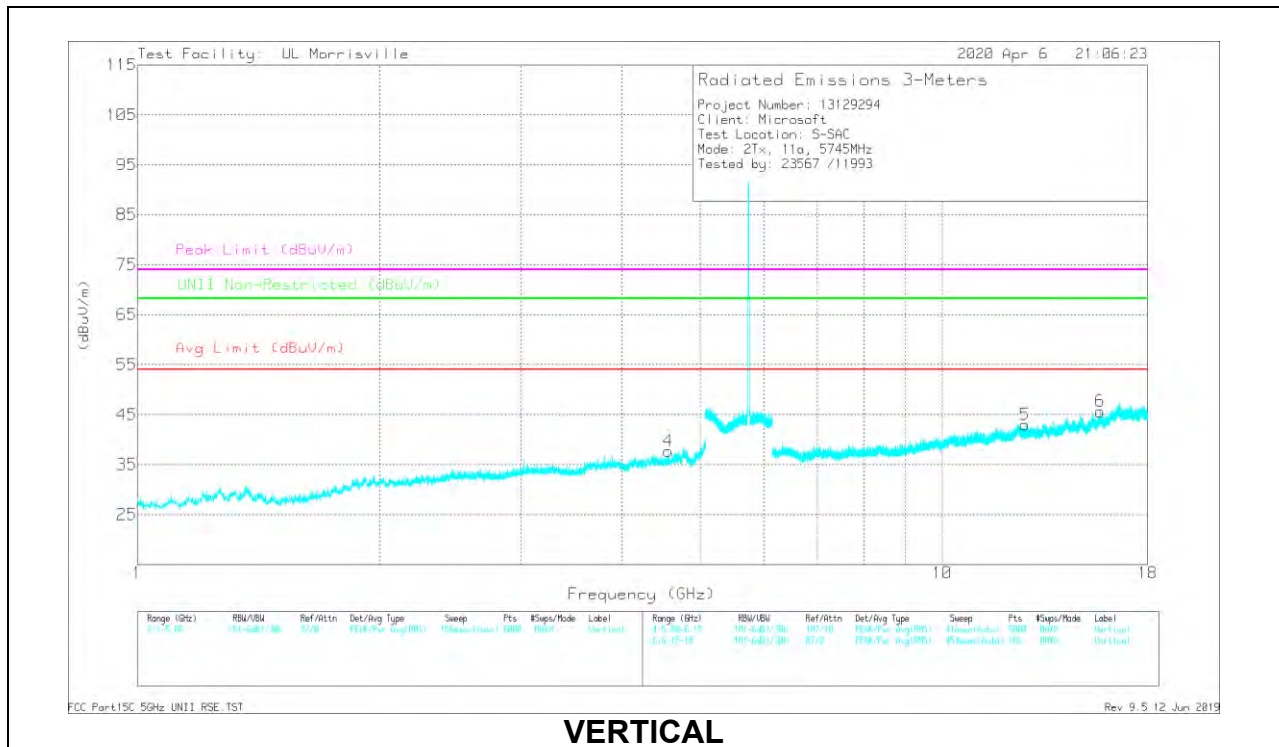
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

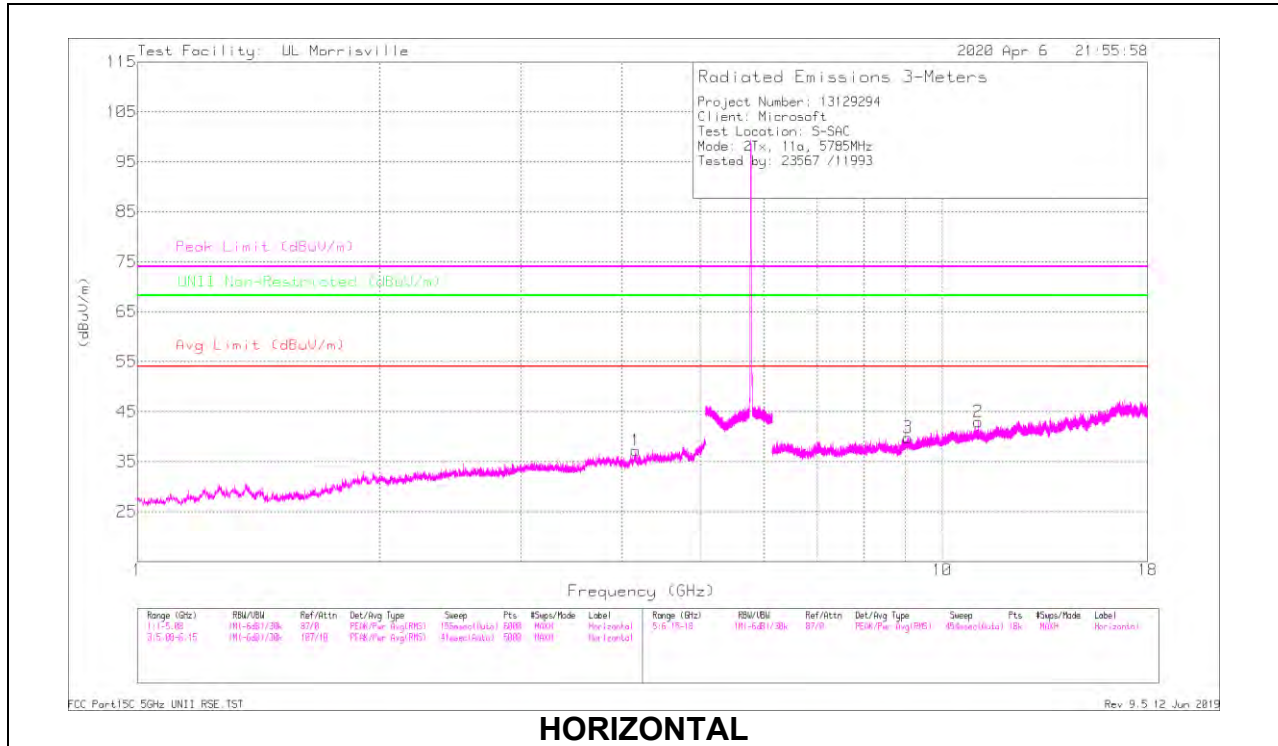
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.85029	41.58	PK-U	33.5	-32.2	42.88	-	-	74	-31.12	-	-	276	382	H
	* 3.85065	28.31	ADV	33.5	-32.2	29.61	54	-24.39	-	-	-	-	276	382	H
4	* 4.56775	40.31	PK-U	34.1	-31.2	43.21	-	-	74	-30.79	-	-	156	103	V
	* 4.56726	27.39	ADV	34.1	-31.2	30.29	54	-23.71	-	-	-	-	156	103	V
2	* 12.04819	33.87	PK-U	38.7	-24.2	48.37	-	-	74	-25.63	-	-	100	145	H
	* 12.04806	20.34	ADV	38.7	-24.2	34.84	54	-19.16	-	-	-	-	100	145	H
3	* 9.18193	34.63	PK-U	36.7	-26.2	45.13	-	-	74	-28.87	-	-	309	166	H
	* 9.1813	21.87	ADV	36.7	-26.1	32.47	54	-21.53	-	-	-	-	309	166	H
5	* 12.67928	33.6	PK-U	39.1	-24	48.7	-	-	74	-25.3	-	-	258	306	V
	* 12.68004	20.6	ADV	39.1	-24	35.7	54	-18.3	-	-	-	-	258	306	V
6	* 15.70614	33.59	PK-U	40.2	-22.5	51.29	-	-	74	-22.71	-	-	126	185	V
	* 15.7065	20.58	ADV	40.2	-22.5	38.28	54	-15.72	-	-	-	-	126	185	V

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

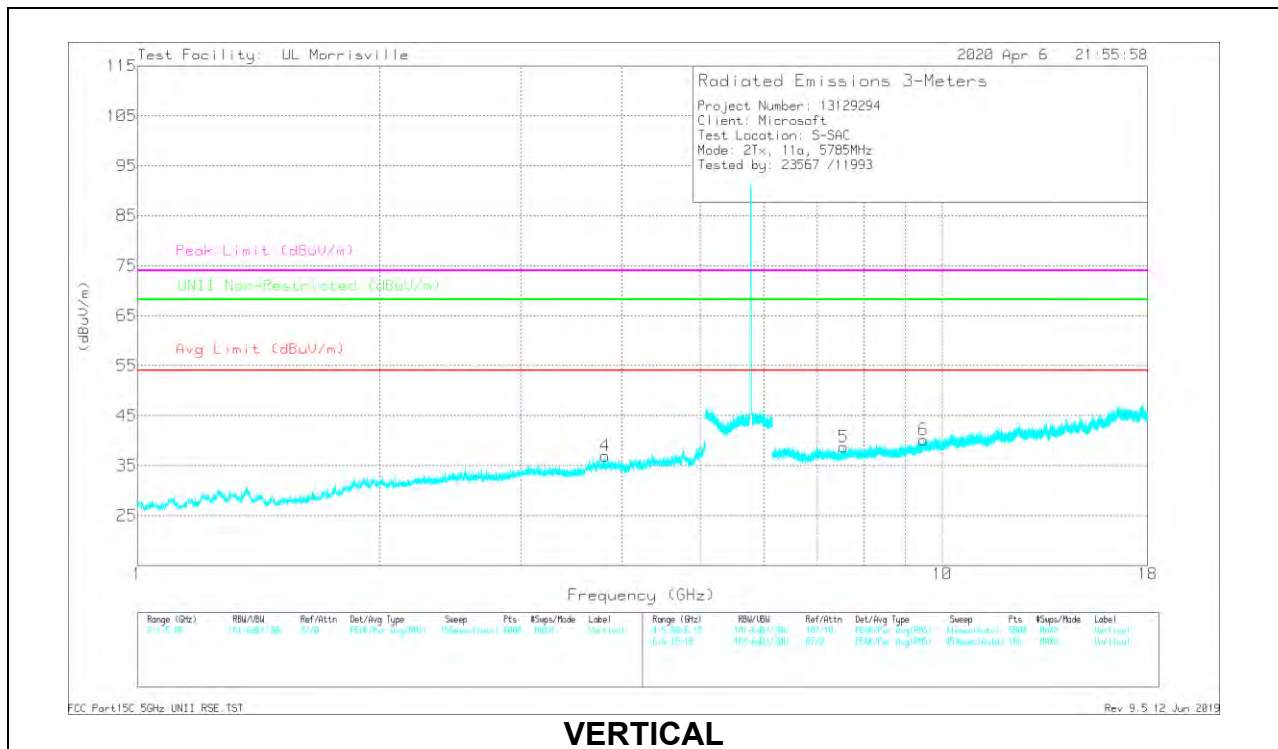
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

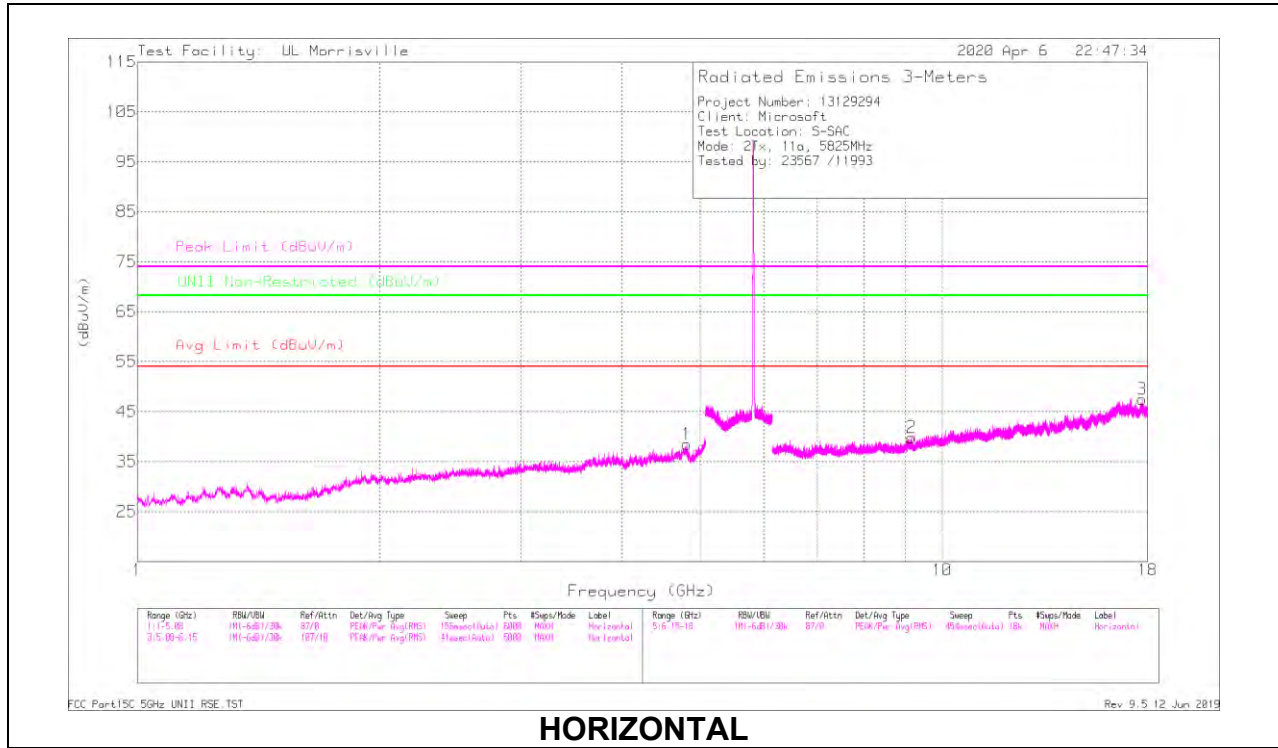
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.16137	40.77	PK-U	33.4	-31	43.17	-	-	74	-30.83	-	-	2	322	H
	* 4.16127	27.52	ADV	33.4	-31	29.92	54	-24.08	-	-	-	-	2	322	H
4	* 3.81296	41.54	PK-U	33.5	-32.4	42.64	-	-	74	-31.36	-	-	184	340	V
	* 3.81438	28.32	ADV	33.5	-32.4	29.42	54	-24.58	-	-	-	-	184	340	V
2	* 11.083	34.35	PK-U	37.9	-24.2	48.05	-	-	74	-25.95	-	-	38	362	H
	* 11.08211	21.13	ADV	37.9	-24.2	34.83	54	-19.17	-	-	-	-	38	362	H
3	* 9.0647	35.43	PK-U	36.6	-26.4	45.63	-	-	74	-28.37	-	-	194	246	H
	* 9.06491	22.38	ADV	36.6	-26.4	32.58	54	-21.42	-	-	-	-	194	246	H
5	* 7.54752	36.09	PK-U	35.8	-27.1	44.79	-	-	74	-29.21	-	-	194	200	V
	* 7.54765	23.59	ADV	35.8	-27.1	32.29	54	-21.71	-	-	-	-	194	200	V
6	* 9.48808	36.31	PK-U	37	-25.9	47.41	-	-	74	-26.59	-	-	169	213	V
	* 9.48816	22.06	ADV	37	-25.9	33.18	54	-20.82	-	-	-	-	169	213	V

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

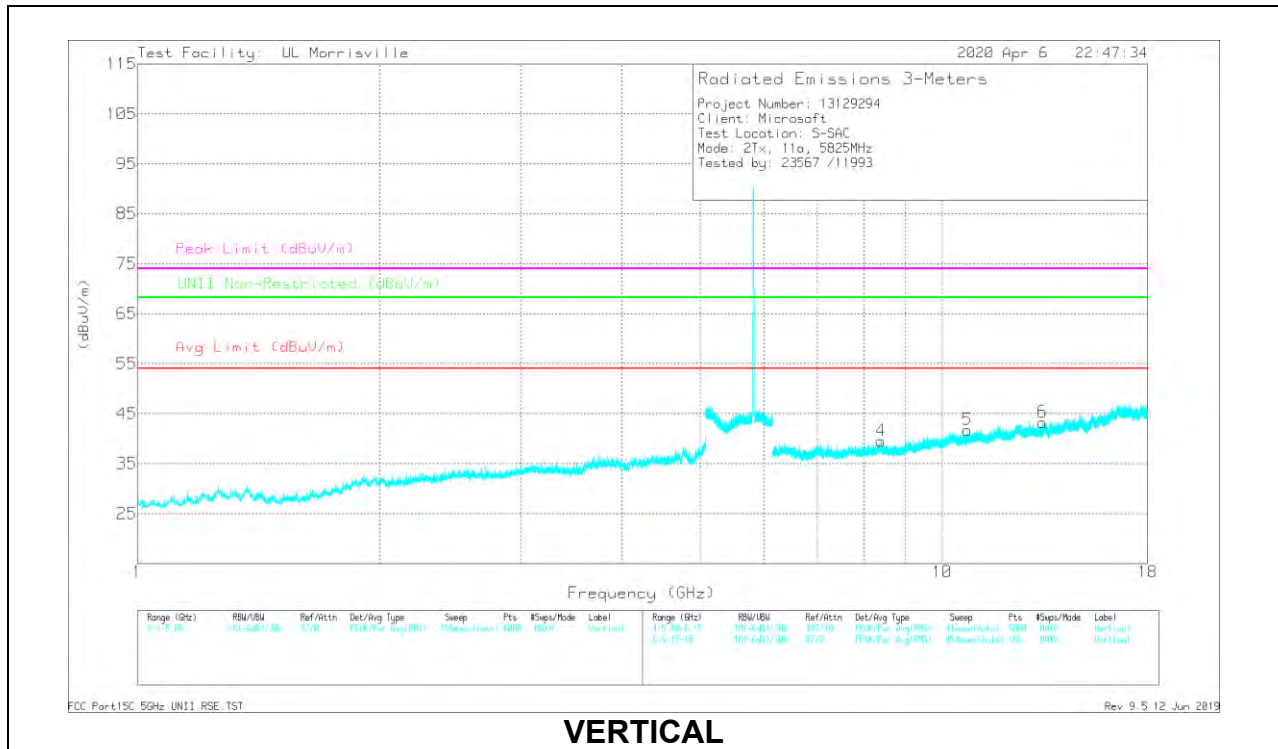
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.81682	41.11	PK-U	34.1	-30.3	44.91	-	-	74	-29.09	-	-	194	143	H
	* 4.8155	27.76	ADV	34.1	-30.3	31.56	54	-22.44	-	-	-	-	194	143	H
2	* 9.16366	35.88	PK-U	36.7	-26	46.58	-	-	74	-27.42	-	-	66	227	H
	* 9.16274	21.82	ADV	36.7	-26	32.52	54	-21.48	-	-	-	-	66	227	H
3	* 17.7311	33.93	PK-U	41.2	-21.3	53.83	-	-	74	-20.17	-	-	60	335	H
	* 17.73065	20.34	ADV	41.2	-21.2	40.34	54	-13.66	-	-	-	-	60	335	H
4	* 8.38926	36.25	PK-U	36.1	-26.6	45.75	-	-	74	-28.25	-	-	79	127	V
	* 8.38994	22.77	ADV	36.1	-26.6	32.27	54	-21.73	-	-	-	-	79	127	V
5	* 10.74627	34.09	PK-U	37.7	-24.3	47.49	-	-	74	-26.51	-	-	212	285	V
	* 10.74658	20.99	ADV	37.7	-24.3	34.39	54	-19.61	-	-	-	-	212	285	V
6	* 13.32301	33.91	PK-U	39	-23.9	49.01	-	-	74	-24.99	-	-	127	371	V
	* 13.32202	20.87	ADV	39	-23.9	35.97	54	-18.03	-	-	-	-	127	371	V

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

PK-U - U-NII: Maximum Peak

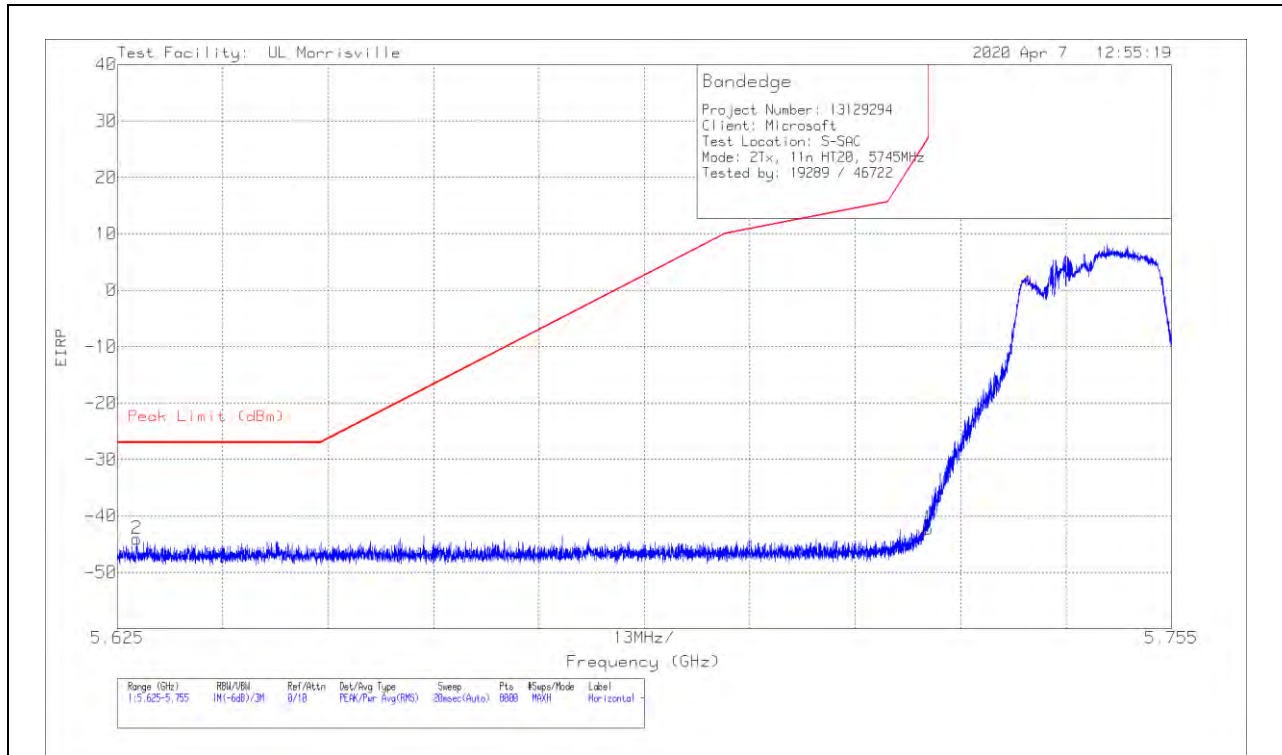
ADV - U-NII AD primary method, Linear Voltage Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

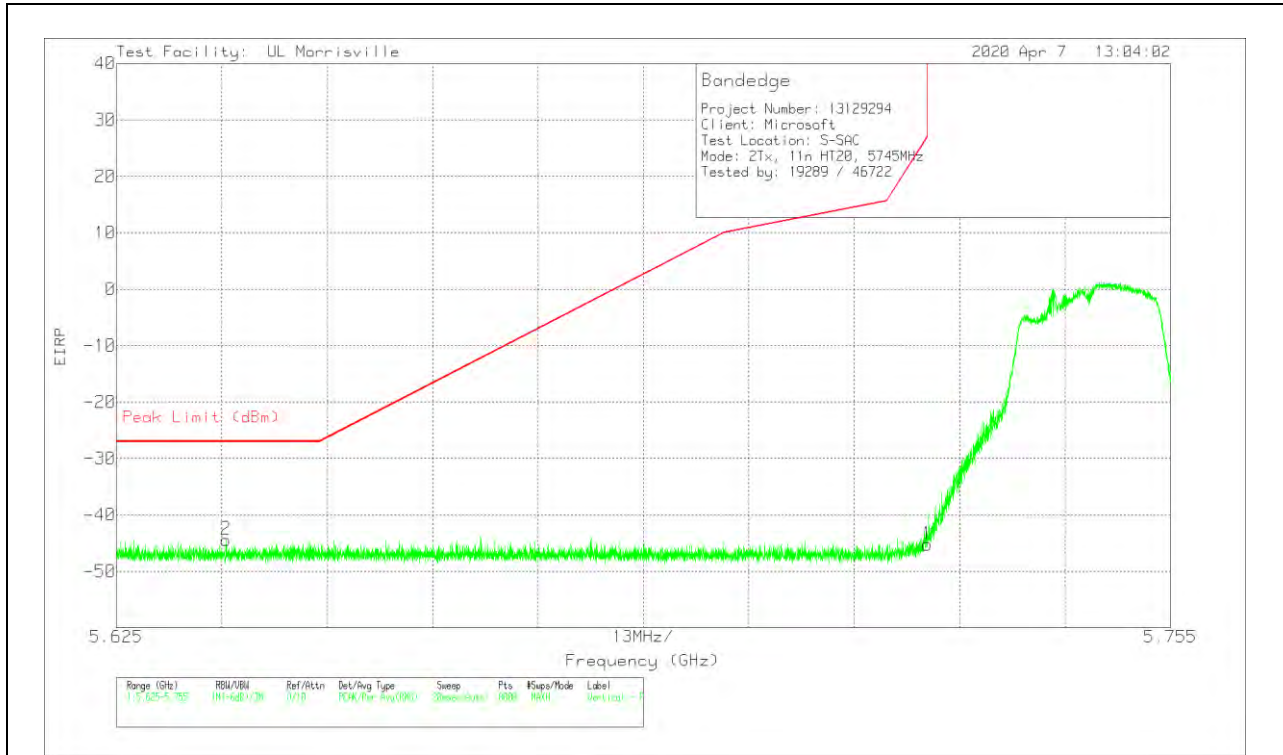
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62736	-67.68	Pk	34.7	-22.9	11.8	0	-44.08	-27	-17.08	301	139	H
1	5.725	-65.91	Pk	34.7	-22.8	11.8	0	-42.21	27	-69.21	301	139	H

Pk - Peak detector

VERTICAL RESULT

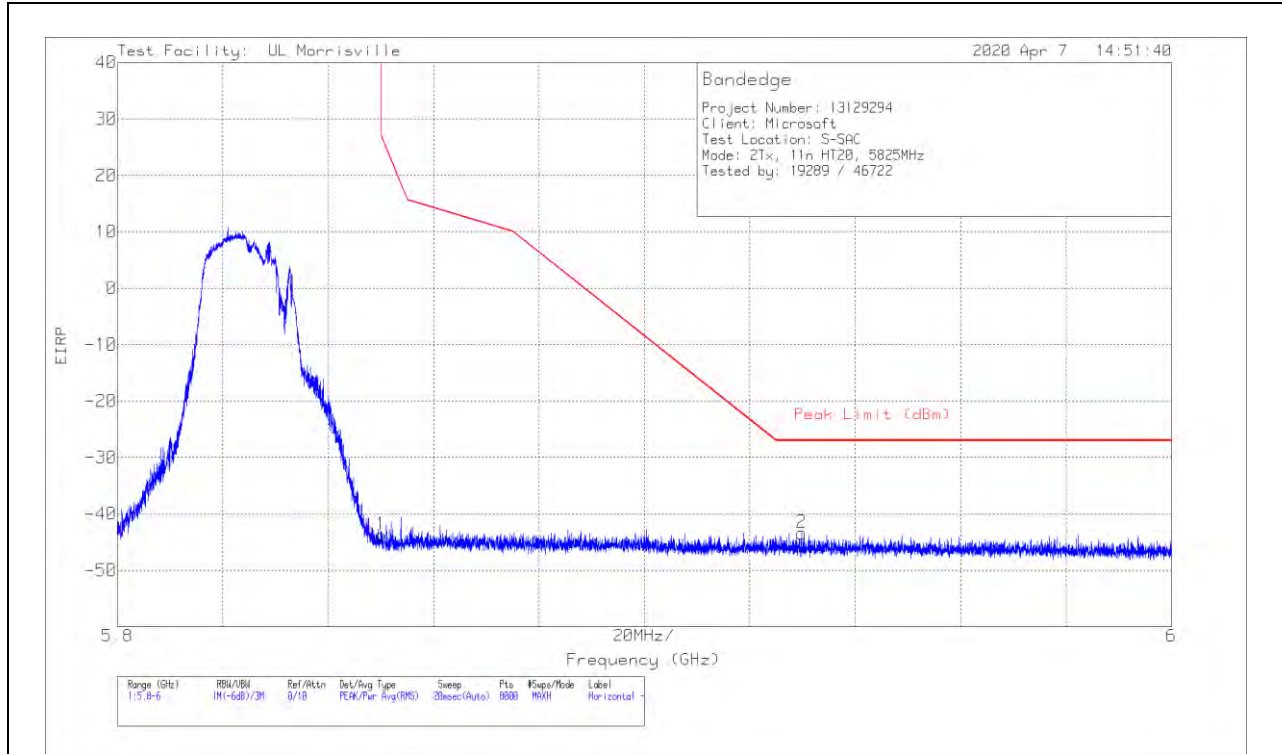


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63854	-67.98	Pk	34.7	-22.9	11.8	0	-44.38	-27	-17.38	296	308	V
1	5.725	-68.9	Pk	34.7	-22.8	11.8	0	-45.2	27	-72.2	296	308	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

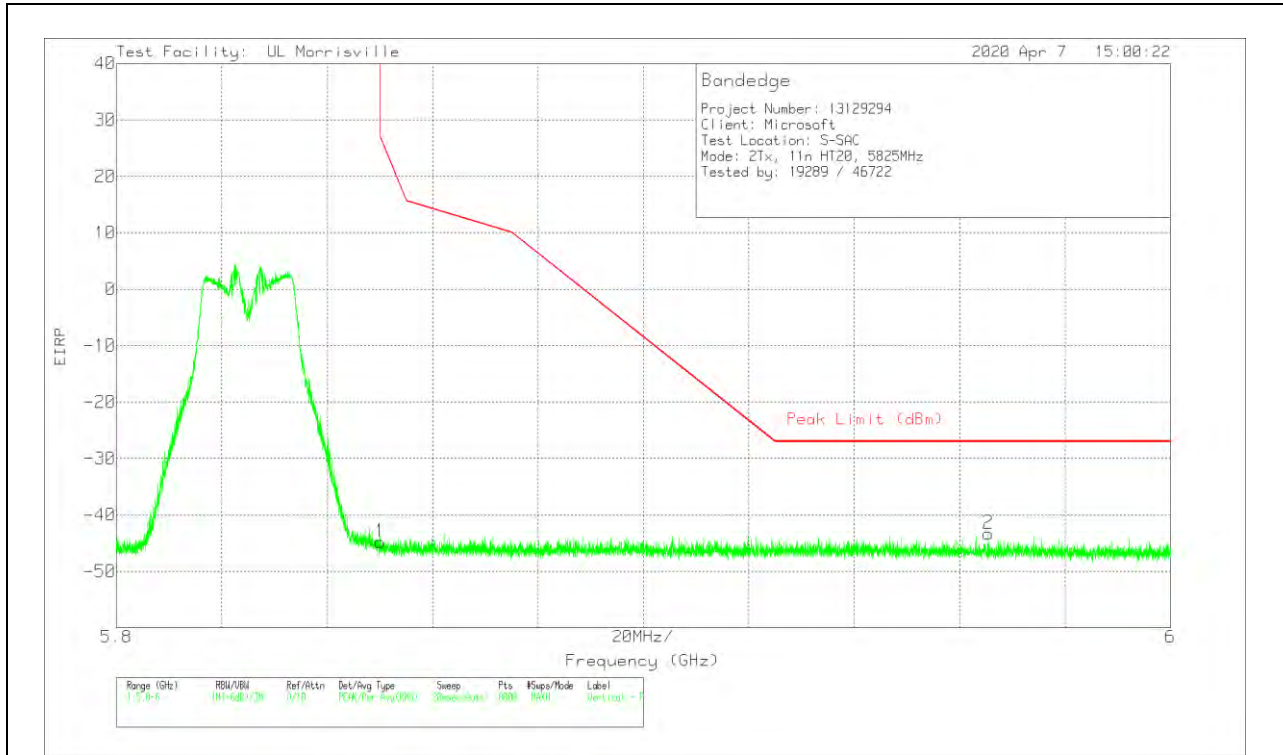
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-67.75	PK	34.8	-22.6	11.8	0	-43.75	26.99	-70.74	24	101	H
2	5.92982	-67.78	PK	34.9	-22.3	11.8	0	-43.38	-27	-16.38	24	101	H

Pk - Peak detector

VERTICAL RESULT

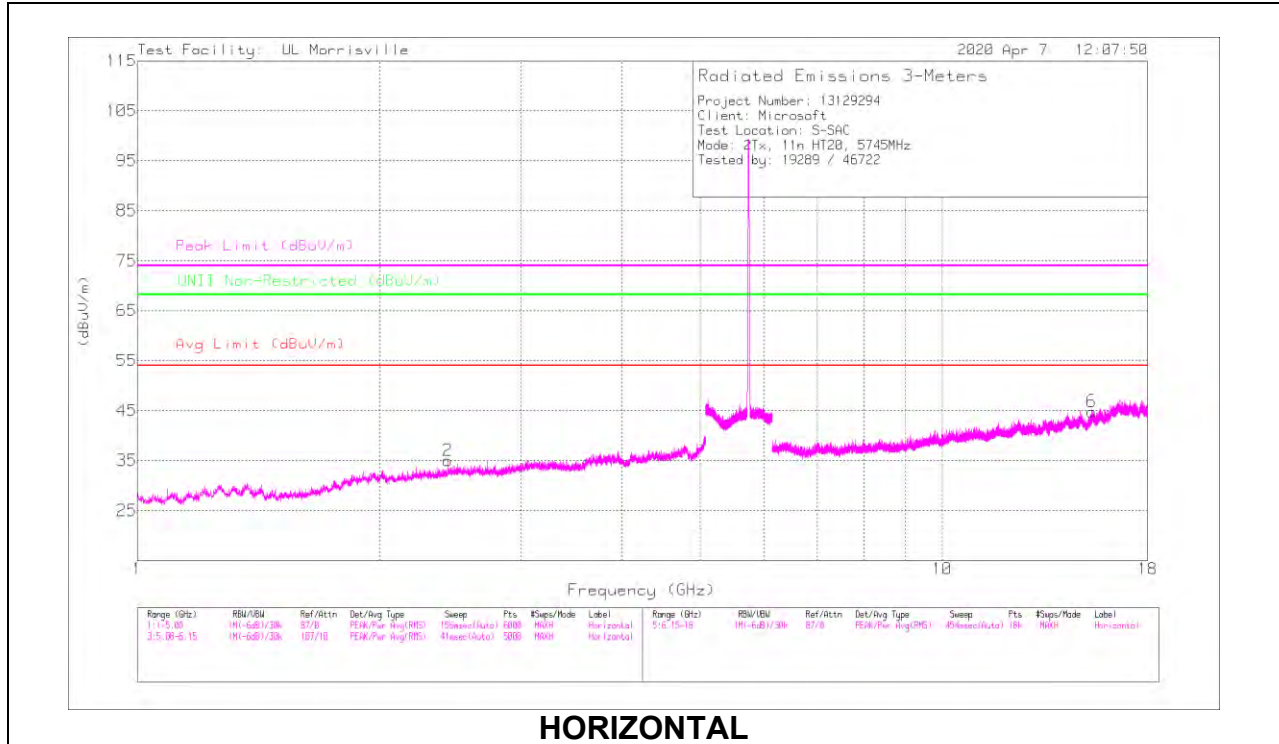


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-68.76	Pk	34.8	-22.6	11.8	0	-44.76	26.99	-71.75	139	257	V
2	5.96545	-67.78	Pk	35	-22.3	11.8	0	-43.28	-27	-16.28	139	257	V

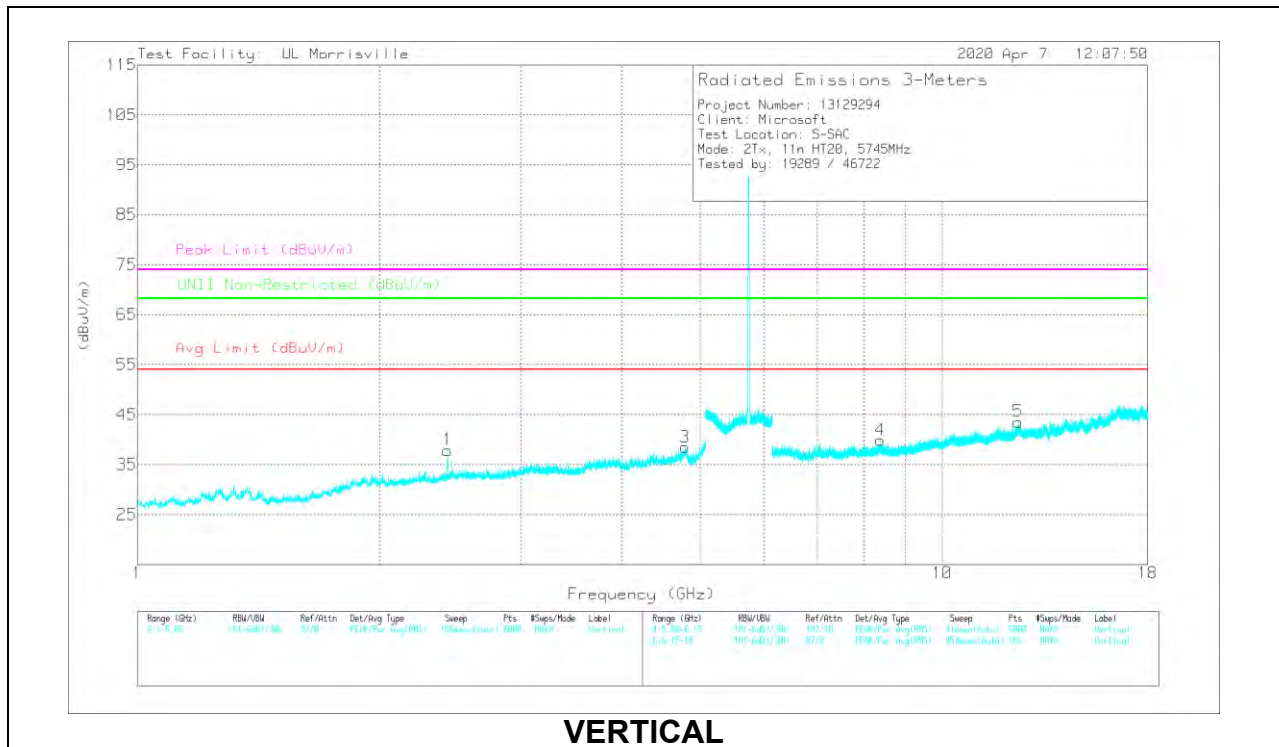
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

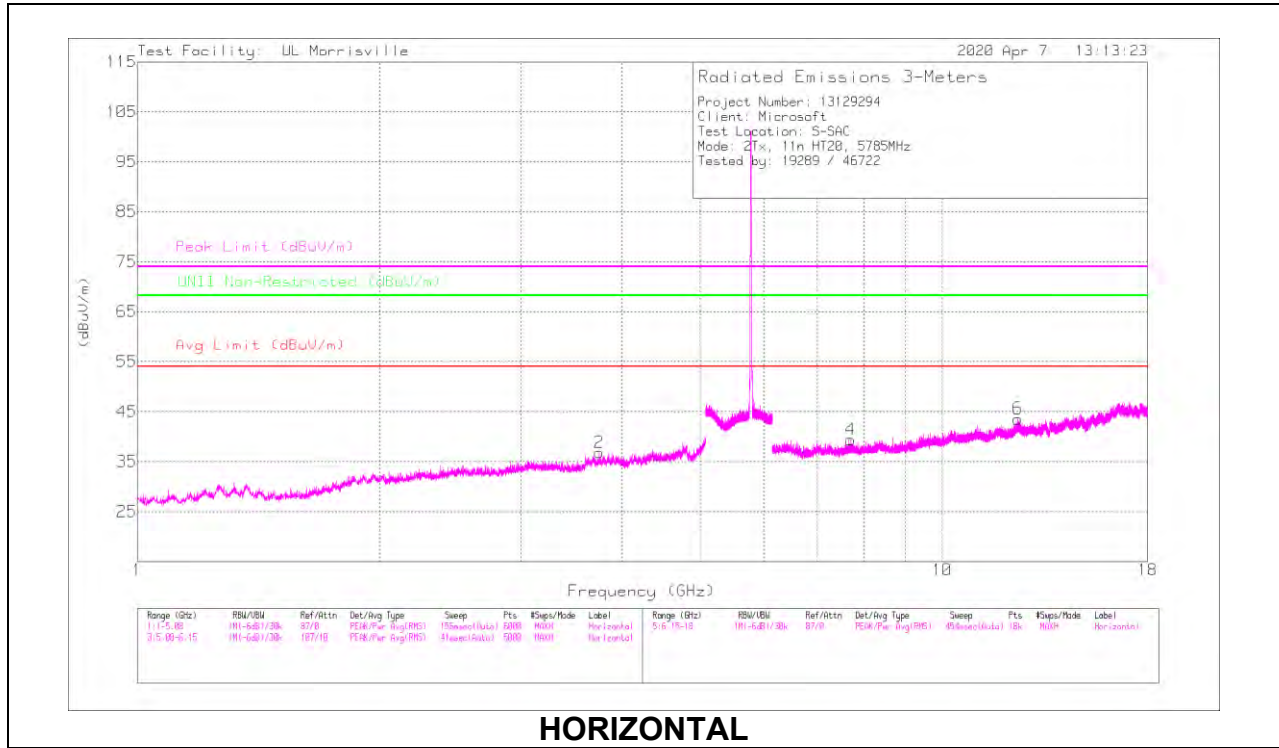
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbl/Ftr/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.79322	40.77	PK-U	34.2	-30.5	0	44.47	-	-	74	-29.53	-	-	235	335	V
	* 4.79368	27.73	ADV	34.2	-30.5	.18	31.61	54	-22.39	-	-	-	-	235	335	V
6	* 15.35188	33.39	PK-U	39.9	-22.2	0	61.09	-	-	74	-22.91	-	-	217	344	H
	* 15.35146	20.18	ADV	39.9	-22.2	.18	38.06	54	-15.94	-	-	-	-	217	344	H
4	* 8.37871	35.6	PK-U	36	-26.5	0	45.1	-	-	74	-28.9	-	-	120	201	V
	* 8.3782	22.77	ADV	36	-26.5	.18	32.45	54	-21.55	-	-	-	-	120	201	V
5	* 12.43016	33.73	PK-U	38.8	-23	0	49.53	-	-	74	-24.47	-	-	98	201	V
	* 12.43084	20.48	ADV	38.8	-23	.18	36.46	54	-17.54	-	-	-	-	98	201	V
1	2.42902	43.08	PK-U	32.1	-33.8	0	41.38	-	-	-	-	68.2	-26.82	106	230	V
2	2.43115	41.47	PK-U	32.1	-33.8	0	39.77	-	-	-	-	68.2	-28.43	207	397	H

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

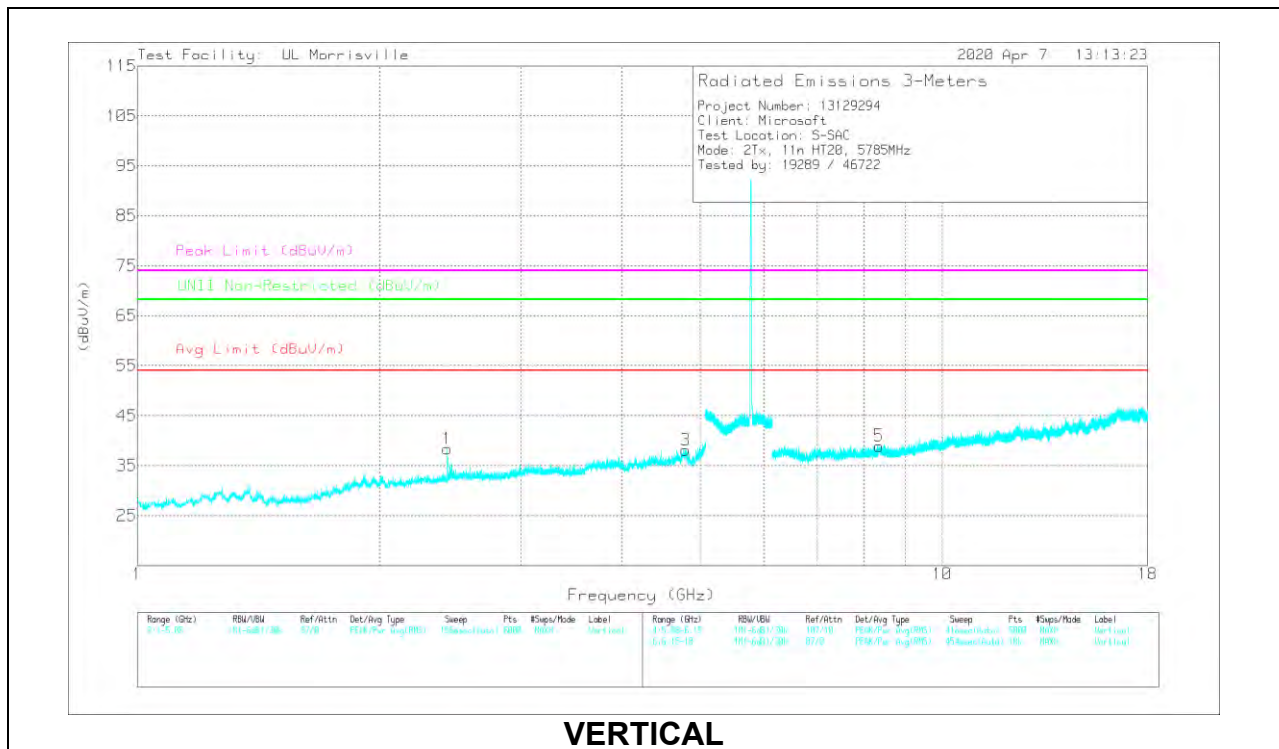
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

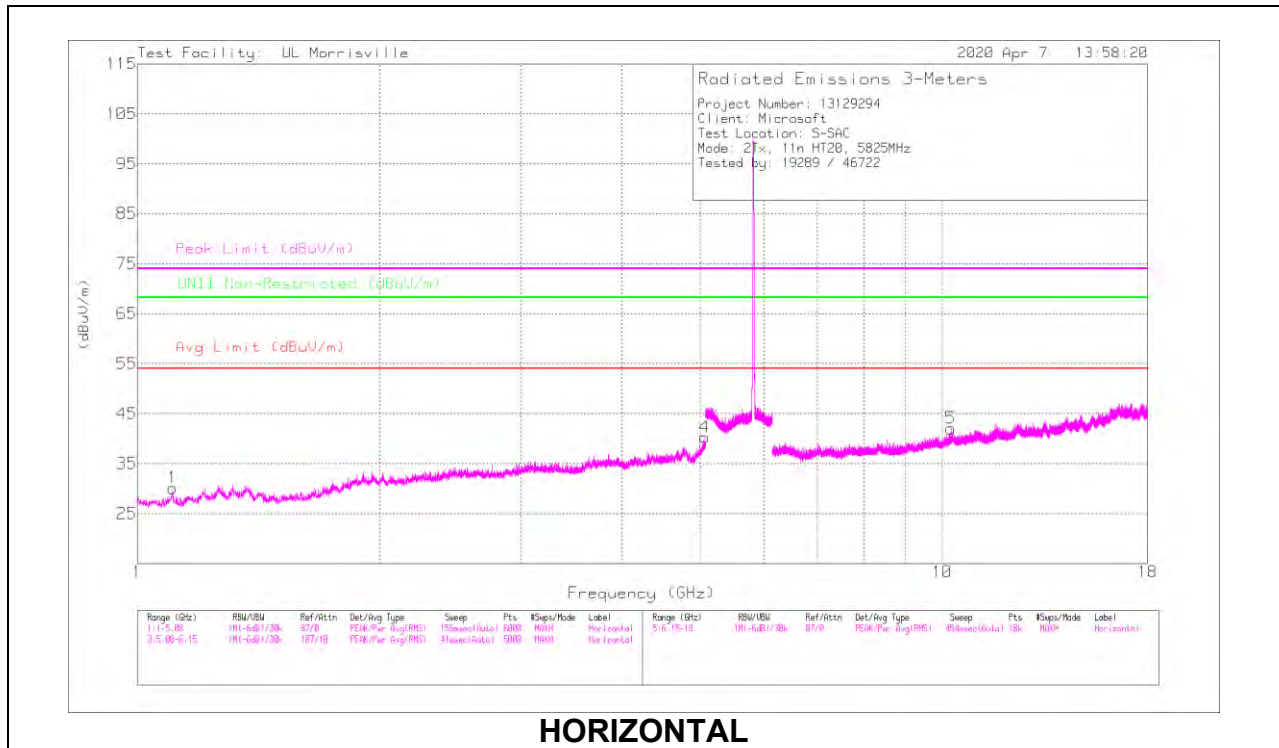
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.7458	41.83	PK-U	33.3	-32.2	0	42.93	-	-	74	-31.07	-	-	245	333	H
	3.74668	28.56	ADV	33.3	-32.2	.18	29.84	54	-24.16	-	-	-	-	245	333	H
3	* 4.80476	41.23	PK-U	34.2	-30.4	0	45.03	-	-	74	-28.97	-	-	356	277	V
	4.80395	27.83	ADV	34.2	-30.4	.18	31.81	54	-22.19	-	-	-	-	356	277	V
4	* 7.69434	37.66	PK-U	36	-27.5	0	46.16	-	-	74	-27.84	-	-	51	367	H
	7.69429	23.76	ADV	36	-27.5	.18	32.44	54	-21.56	-	-	-	-	51	367	H
6	* 12.42367	33.9	PK-U	38.8	-23	0	49.7	-	-	74	-24.3	-	-	43	327	H
	12.42355	20.41	ADV	38.8	-23	.18	36.39	54	-17.61	-	-	-	-	43	327	H
5	* 8.35504	36.61	PK-U	36	-26.6	0	46.01	-	-	74	-27.99	-	-	95	370	V
	8.35488	23.26	ADV	36	-26.6	.18	32.84	54	-21.16	-	-	-	-	95	370	V
1	2.42786	44.64	PK-U	32.1	-33.8	0	42.94	-	-	-	-	68.2	-26.26	24	135	V

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

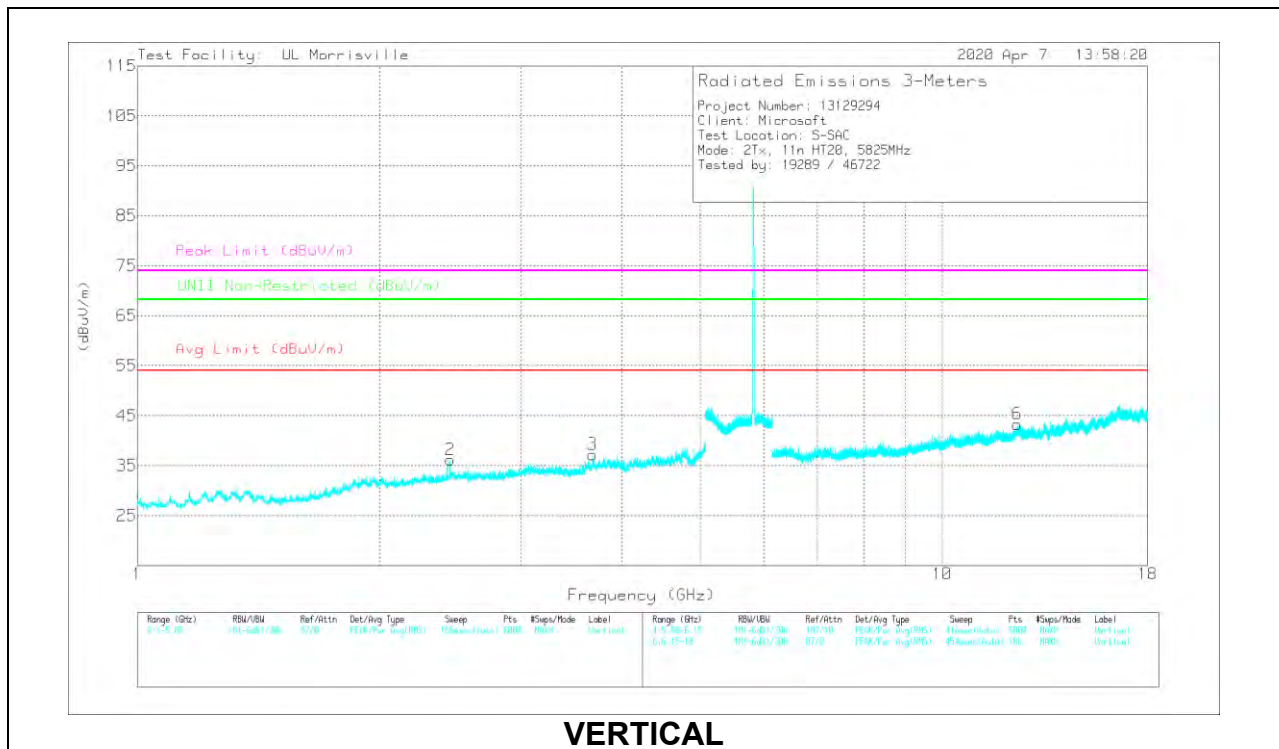
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	A10072 (dBm)	Amp/Cbl/Ftr/PA d (dB)	DC Corr (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	* 1.10552	43.13	PK-U	27.6	-35	0	35.73	-	-	74	-38.27	-	-	58	397	H
	* 1.1053	29.74	ADV	27.6	-35	.18	22.52	54	-31.48	-	-	-	-	58	397	H
4	* 5.06783	40.56	PK-U	34.2	-28.7	0	46.06	-	-	74	-27.94	-	-	274	277	H
	* 5.06829	27.46	ADV	34.2	-28.6	.18	33.24	54	-20.76	-	-	-	-	274	277	H
3	* 3.68115	41.49	PK-U	32.9	-31.8	0	42.59	-	-	74	-31.41	-	-	266	358	V
	* 3.68088	28.39	ADV	32.9	-31.8	.18	29.67	54	-24.33	-	-	-	-	266	358	V
6	* 12.39522	33.65	PK-U	38.8	-23.1	0	49.35	-	-	74	-24.65	-	-	338	298	V
	* 12.39433	20.67	ADV	38.8	-23.1	.18	36.55	54	-17.45	-	-	-	-	338	298	V
2	2.44773	43.08	PK-U	32.1	-33.8	0	41.38	-	-	-	-	68.2	-26.82	133	204	V
5	10.25298	34.24	PK-U	37.5	-24.5	0	47.24	-	-	-	-	68.2	-20.96	155	189	H

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

PK-U - U-NII: Maximum Peak

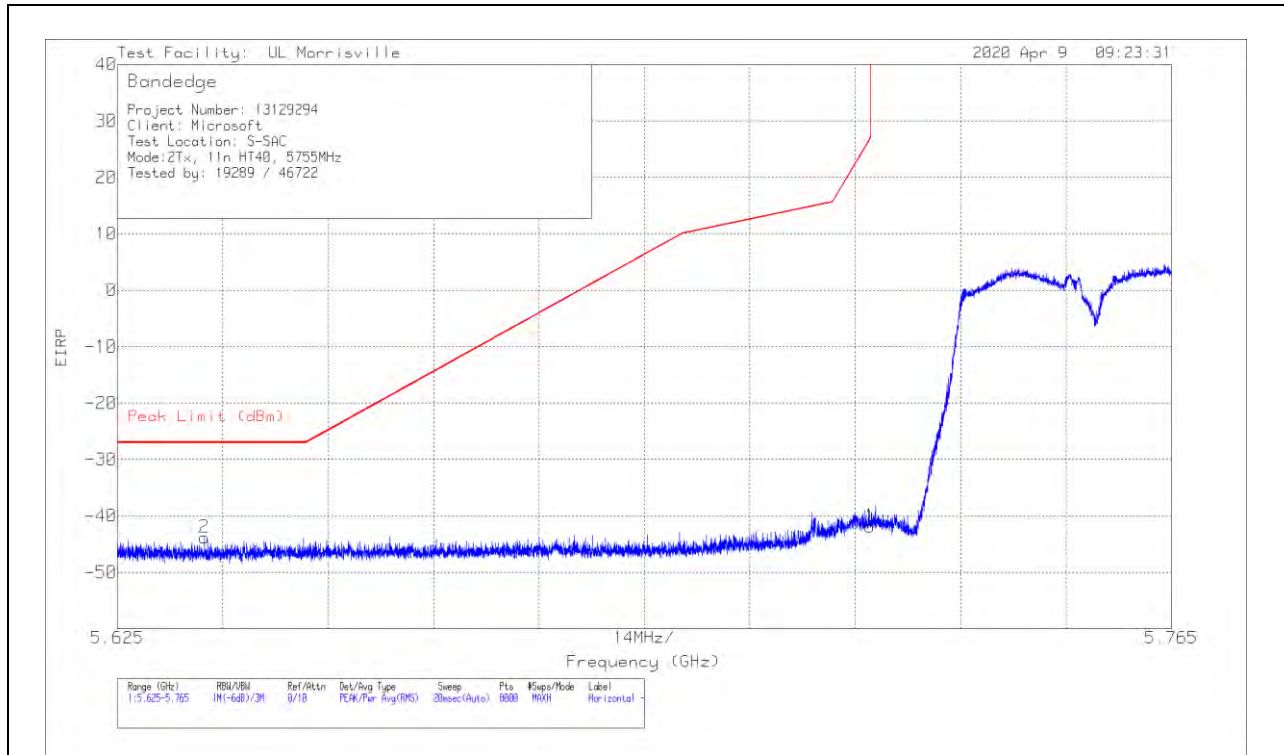
ADV - U-NII AD primary method, Linear Voltage Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (LOW CHANNEL)

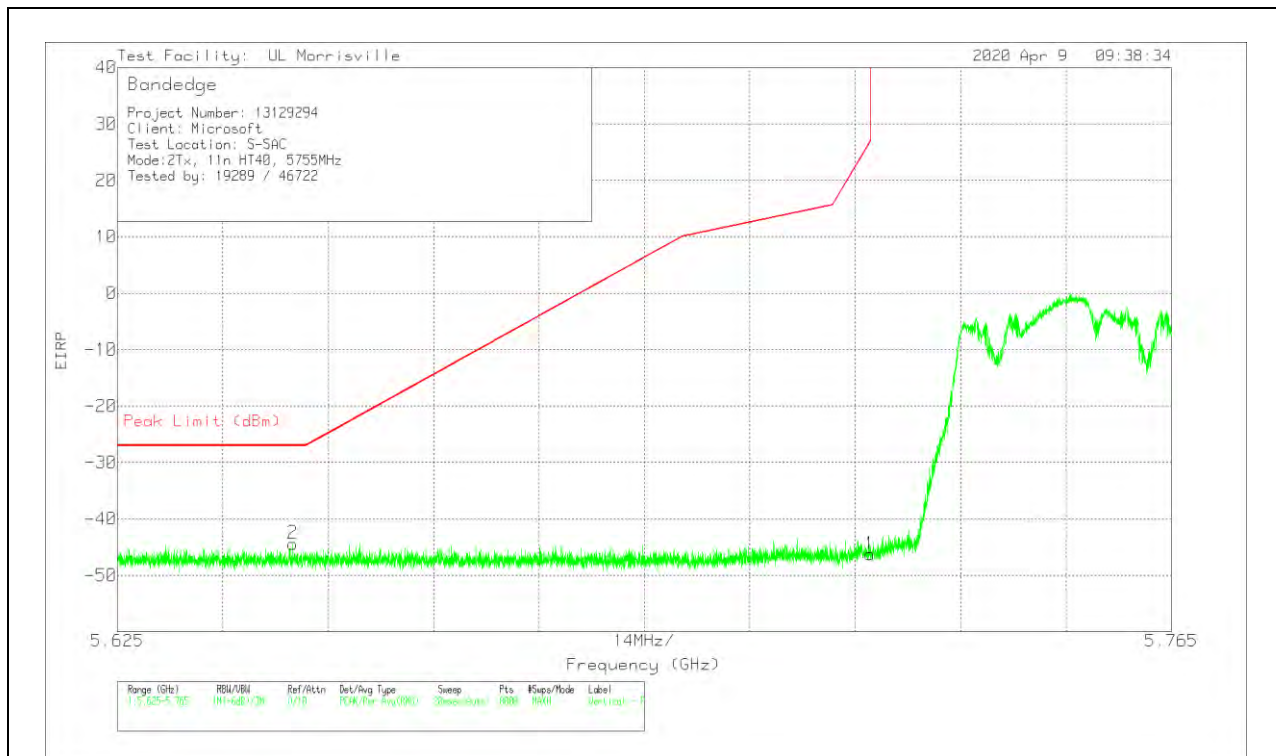
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63653	-67.44	Pk	34.7	-22.9	11.8	0	-43.84	-27	-16.84	325	101	H
1	5.72499	-65.59	Pk	34.7	-22.8	11.8	0	-41.89	26.97	-68.86	325	101	H

Pk - Peak detector

VERTICAL RESULT

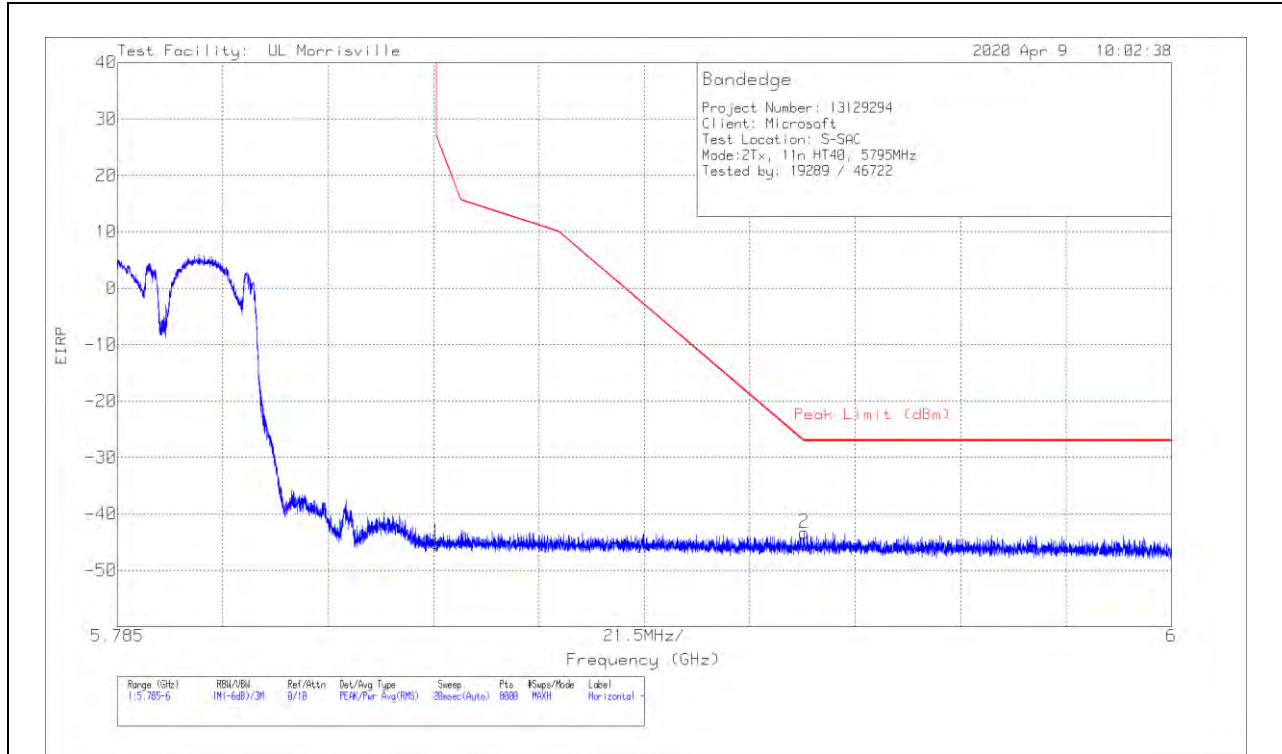


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6483	-68.07	Pk	34.7	-22.8	11.8	0	-44.37	-27	-17.37	55	107	V
1	5.72499	-69.98	Pk	34.7	-22.8	11.8	0	-46.28	26.97	-73.25	55	107	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

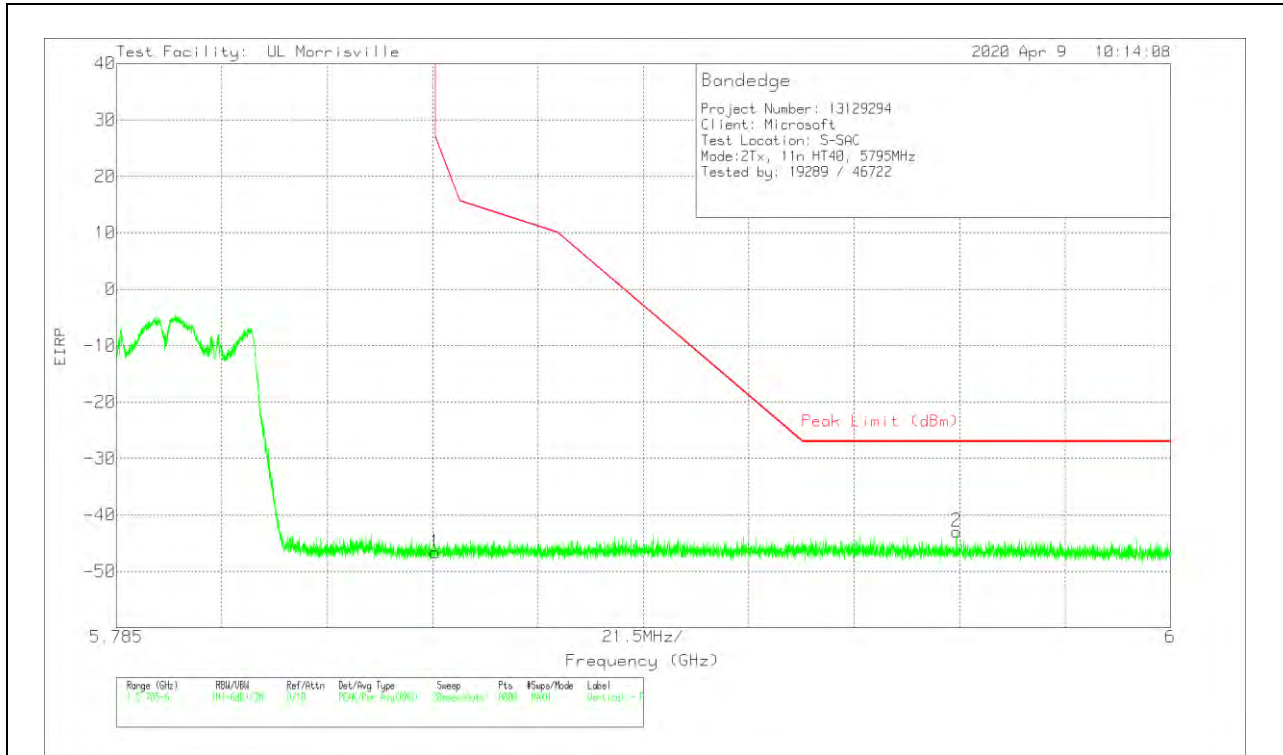
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.1	PK	34.8	-22.6	11.8	0	-45.1	26.96	-72.06	17	154	H
2	5.92506	-67.58	PK	34.9	-22.4	11.8	0	-43.28	-27	-16.28	17	154	H

Pk - Peak detector

VERTICAL RESULT

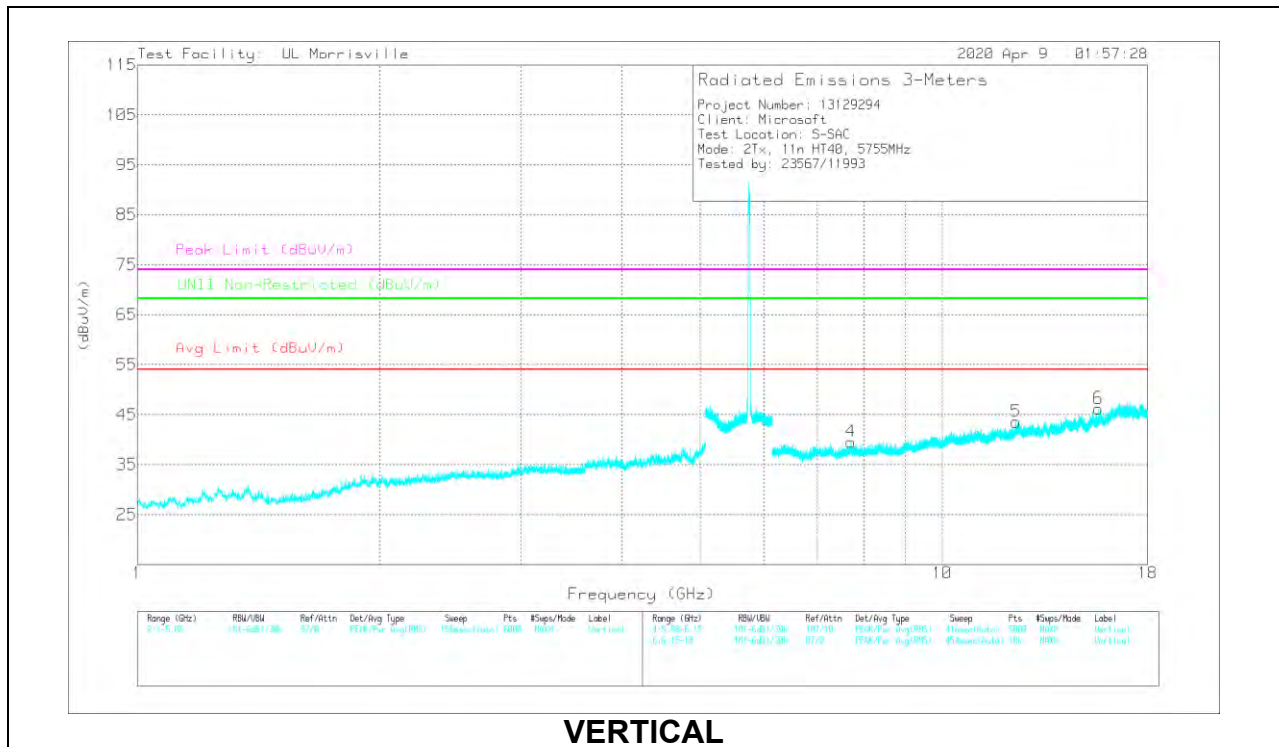
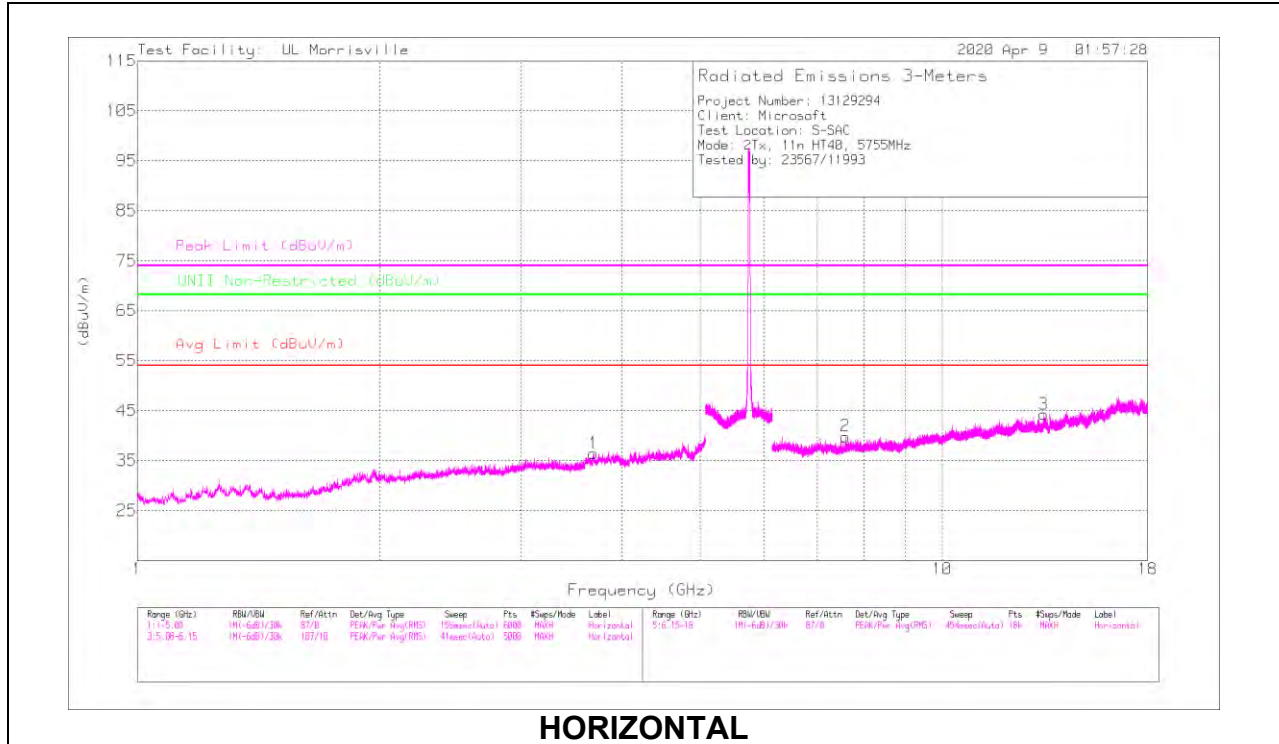


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.62	Pk	34.8	-22.6	11.8	0	-46.62	26.96	-73.58	307	242	V
2	5.9564	-67.32	Pk	34.9	-22.3	11.8	0	-42.92	-27	-15.92	307	242	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

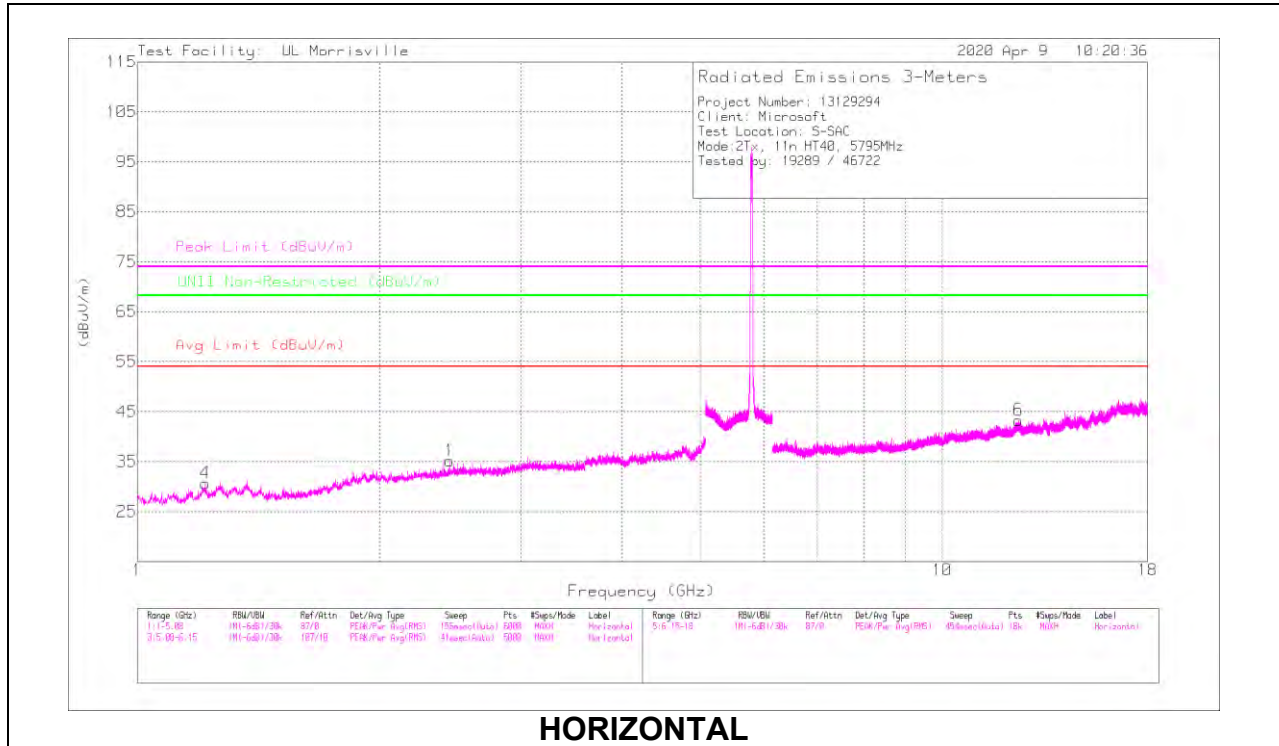
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	AmpCblFiltRPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.68779	41.44	PK-U	33	-31.7	0	42.74	-	-	74	-31.26	-	-	41	150	H
	* 3.68709	28.27	ADV	33	-31.7	.36	29.93	54	-24.07	-	-	-	-	41	150	H
2	* 7.58244	36.28	PK-U	35.8	-27.2	0	44.88	-	-	74	-29.12	-	-	160	186	H
	* 7.5822	23.31	ADV	35.8	-27.2	.36	32.27	54	-21.73	-	-	-	-	160	186	H
3	* 13.37591	33.77	PK-U	39	-23	0	49.77	-	-	74	-24.23	-	-	246	340	H
	* 13.37587	20.61	ADV	39	-23	.36	36.97	54	-17.03	-	-	-	-	246	340	H
4	* 7.70302	36.74	PK-U	36	-27.5	0	45.24	-	-	74	-28.76	-	-	154	235	V
	* 7.70491	23.8	ADV	36	-27.5	.36	32.66	54	-21.34	-	-	-	-	154	235	V
5	* 12.36194	34.47	PK-U	38.8	-23.4	0	49.87	-	-	74	-24.13	-	-	144	267	V
	* 12.36036	20.8	ADV	38.8	-23.4	.36	36.56	54	-17.44	-	-	-	-	144	267	V
6	* 15.63499	33.97	PK-U	40.1	-22.7	0	51.37	-	-	74	-22.63	-	-	344	193	V
	* 15.63475	20.97	ADV	40.1	-22.7	.36	38.73	54	-15.27	-	-	-	-	344	193	V

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

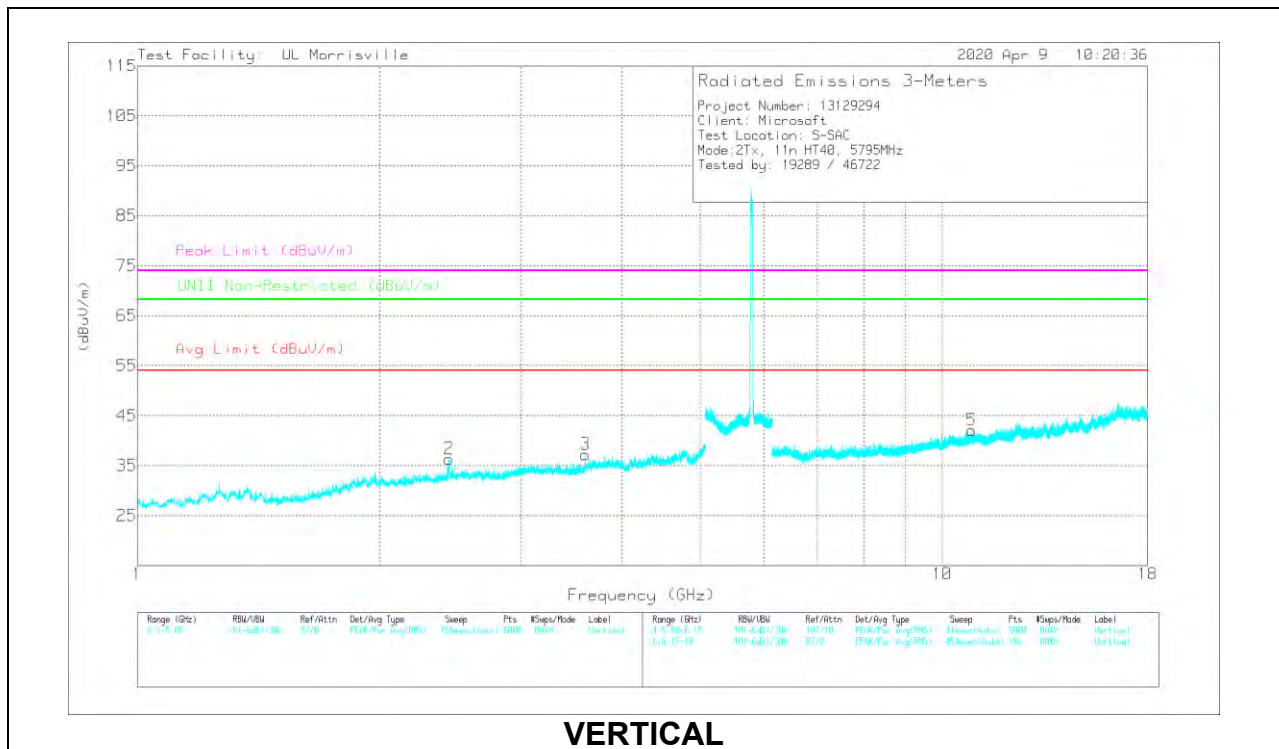
PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbl/Ftr/PA d (dB)	DC Corr (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
4	* 1.21334	42.75	PK-U	28.7	-34.9	0	36.55	-	-	74	-37.45	-	-	38	132	H
	* 1.21291	29.6	ADV	28.7	-34.9	.36	23.76	54	-30.24	-	-	-	-	38	132	H
3	* 3.60311	41.63	PK-U	32.9	-32	0	42.53	-	-	74	-31.47	-	-	19	190	V
	* 3.6033	28.17	ADV	32.9	-32	.36	29.43	54	-24.57	-	-	-	-	19	190	V
6	* 12.43622	33.56	PK-U	38.8	-23	0	49.36	-	-	74	-24.64	-	-	330	964	H
	* 12.43673	20.65	ADV	38.8	-23	.36	36.81	54	-17.19	-	-	-	-	330	964	H
5	* 10.87391	33.65	PK-U	37.9	-24.1	0	47.45	-	-	74	-26.55	-	-	146	336	V
	* 10.87329	21.47	ADV	37.9	-24.1	.36	35.63	54	-18.37	-	-	-	-	146	336	V
2	2.44113	43.6	PK-U	32.1	-33.7	0	42	-	-	-	-	68.2	-26.2	98	111	V
1	2.44166	44.57	PK-U	32.1	-33.7	0	42.97	-	-	-	-	68.2	-25.23	338	200	H

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

PK-U - U-NII: Maximum Peak

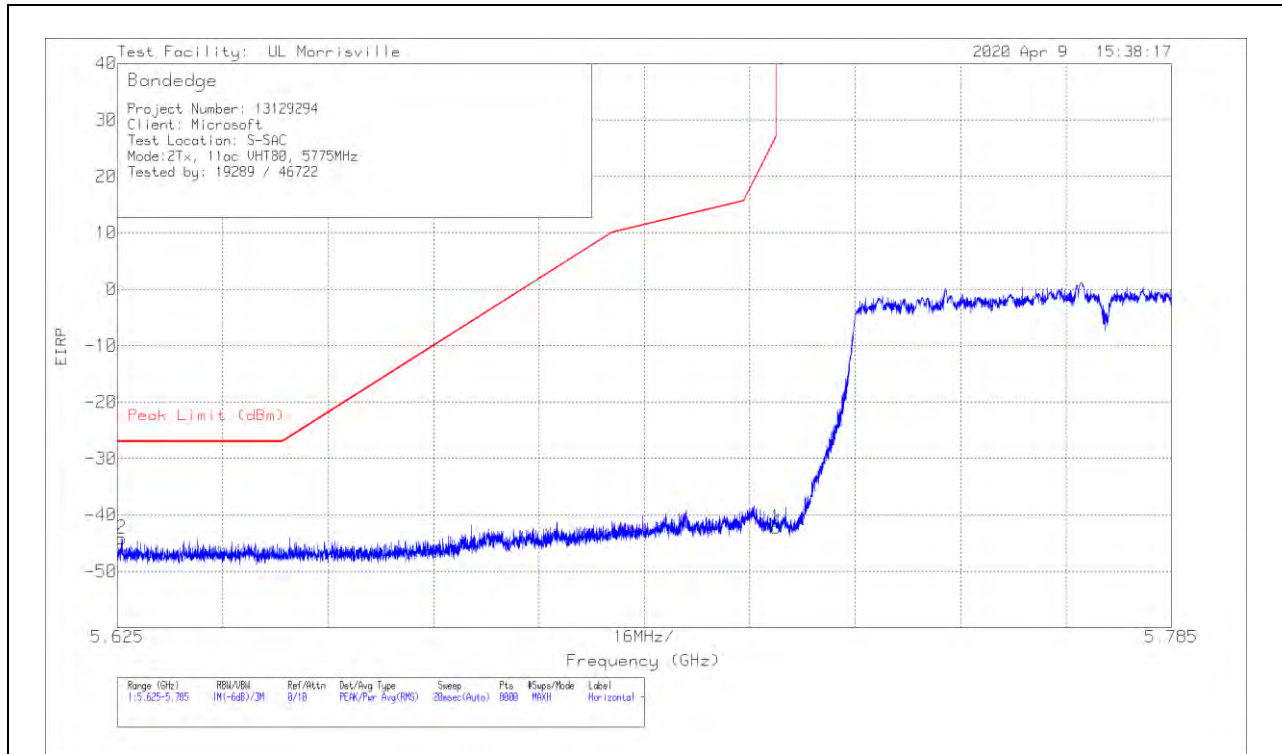
ADV - U-NII AD primary method, Linear Voltage Average

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

2TX Antenna 1 + Antenna 2 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

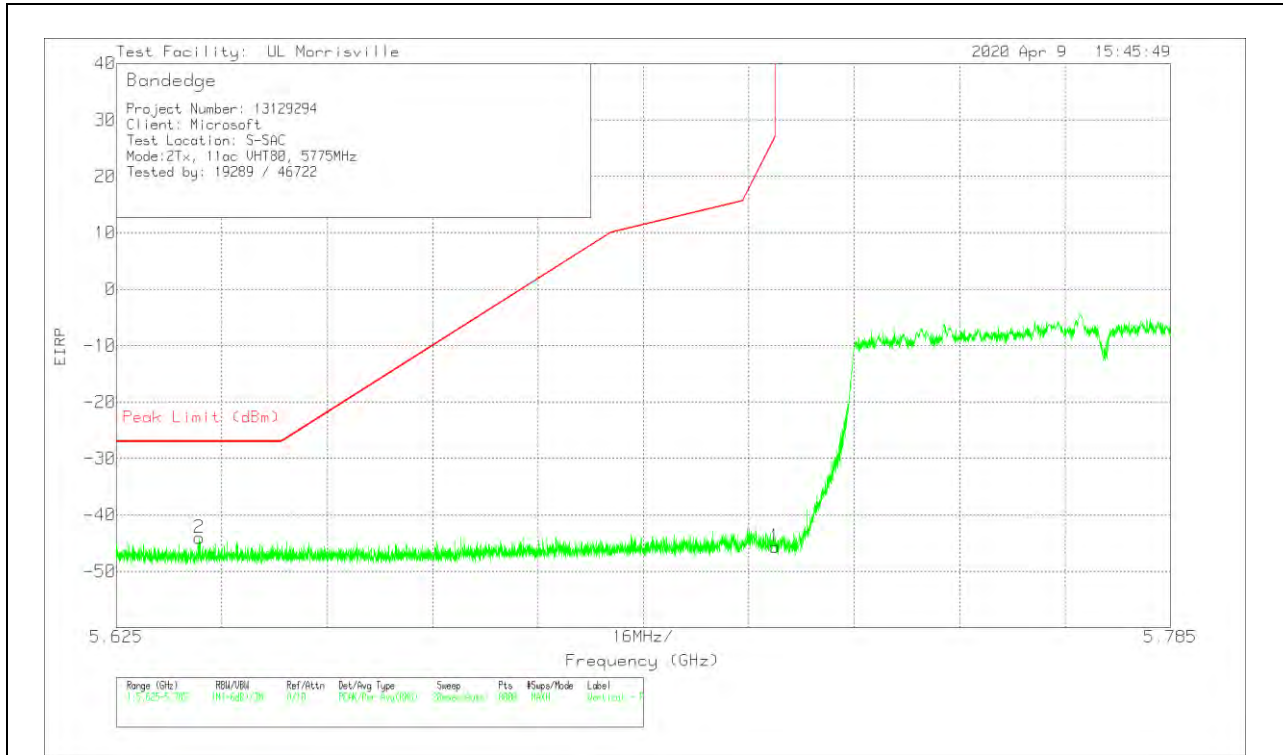
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Filt r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62568	-67.74	Pk	34.7	-22.9	11.8	0	-44.14	-27	-17.14	314	100	H
1	5.725	-65.93	Pk	34.7	-22.8	11.8	0	-42.23	26.99	-69.22	314	100	H

Pk - Peak detector

VERTICAL RESULT

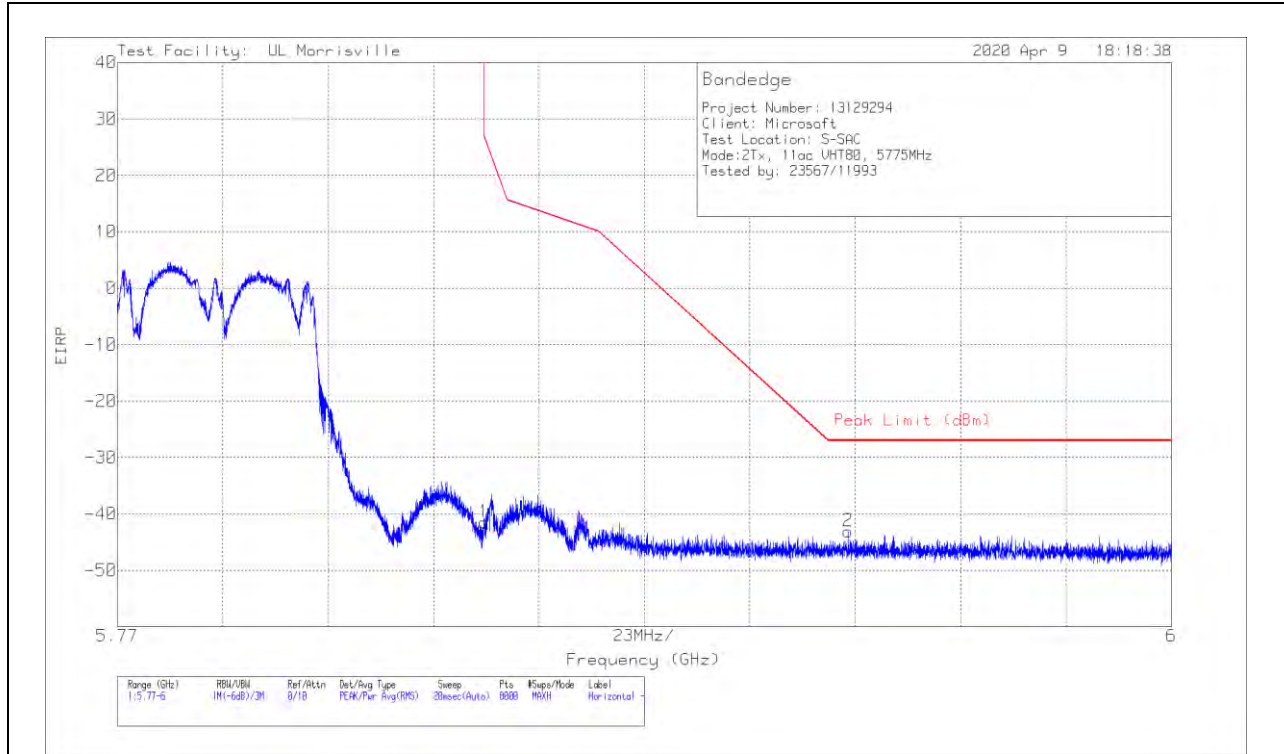


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dBm)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63758	-67.67	Pk	34.7	-22.9	11.8	0	-44.07	-27	-17.07	55	115	V
1	5.725	-69.33	Pk	34.7	-22.8	11.8	0	-45.63	26.99	-72.62	55	115	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

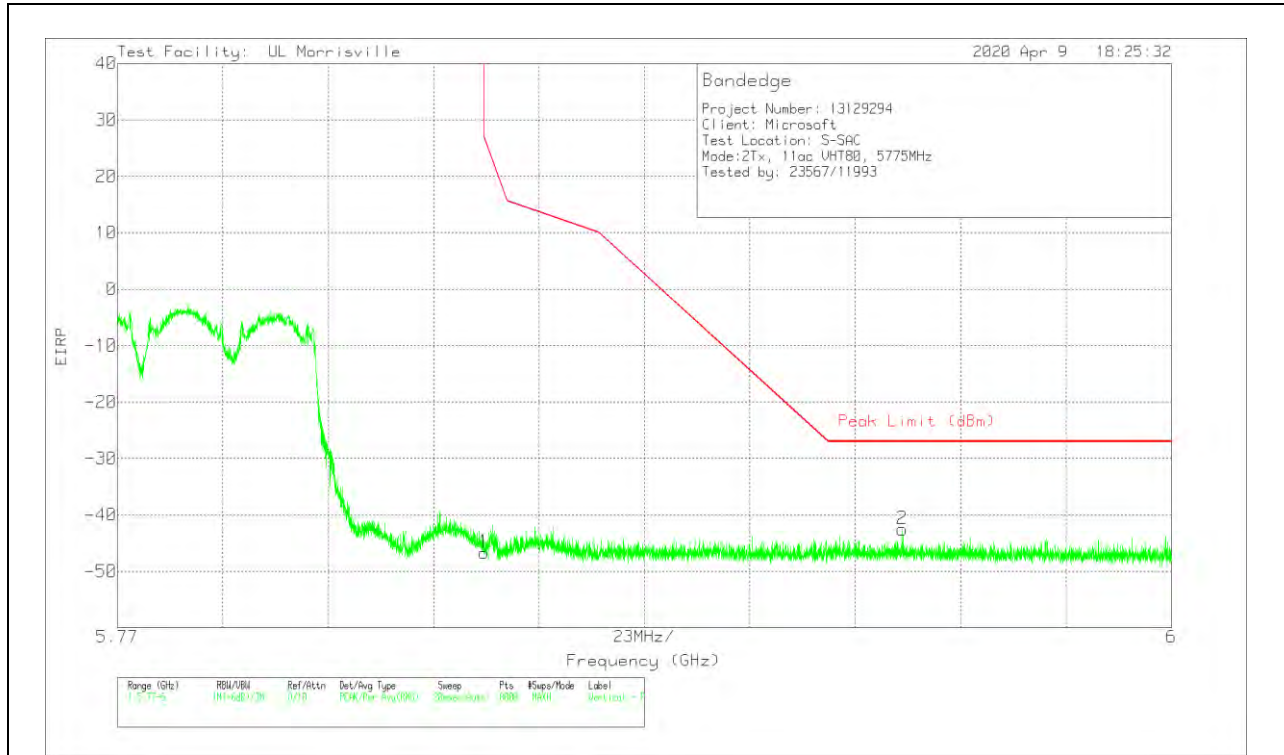
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-65.49	Pk	34.8	-22.6	11.8	-41.49	26.95	-68.44	24	100	H
2	5.92944	-67.53	Pk	34.9	-22.3	11.8	-43.13	-27	-16.13	24	100	H

Pk - Peak detector

VERTICAL RESULT

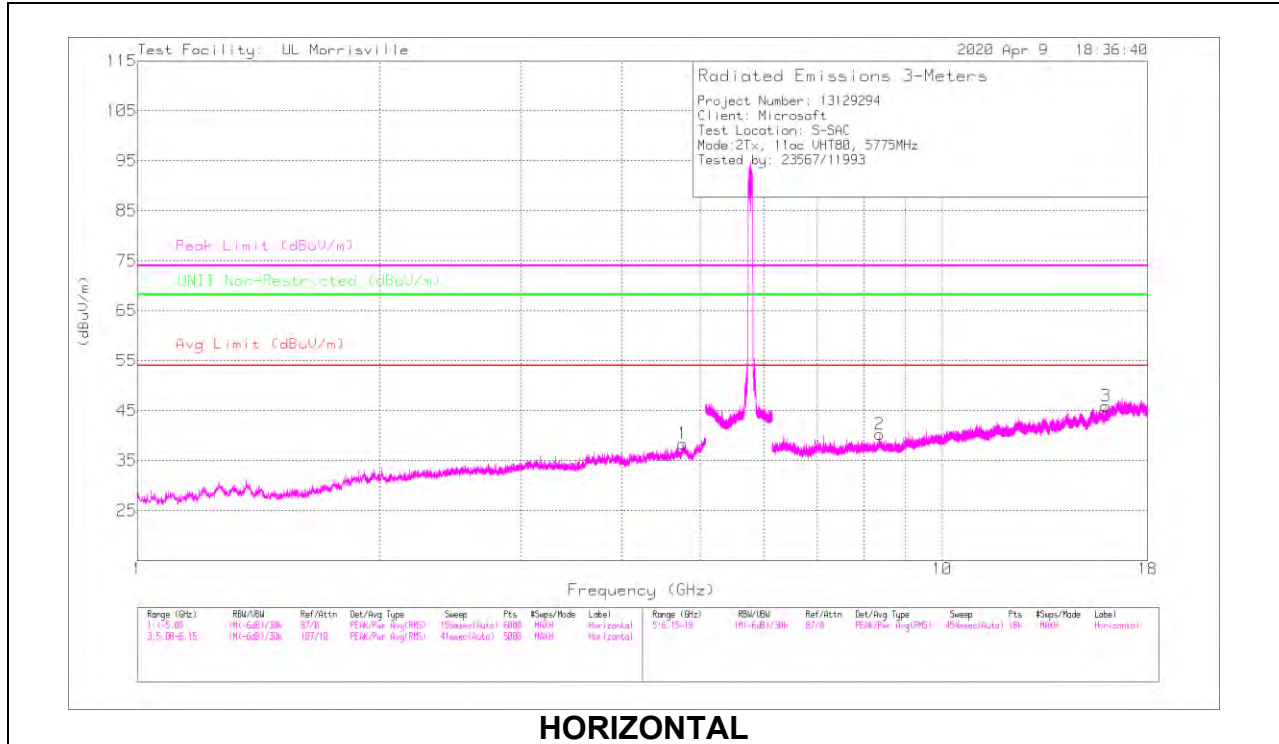


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-70.69	Pk	34.8	-22.6	11.8	-46.69	26.95	-73.64	58	322	V
2	5.94126	-67.03	Pk	34.9	-22.2	11.8	-42.53	-27	-15.53	58	322	V

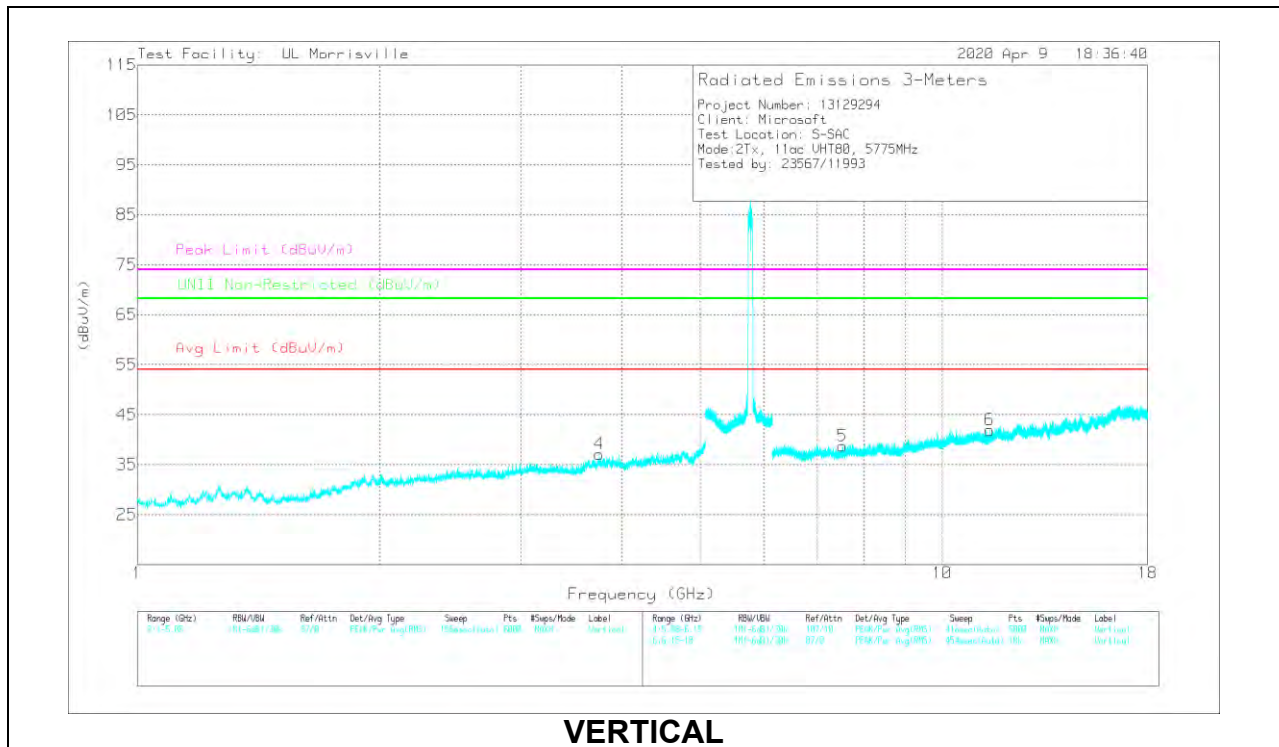
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AT0072 (dBm)	Amp/Cbri/Filt/PA d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.75945	42.37	PK-U	34.1	-30.9	0	45.57	-	-	74	-28.43	177	189	H
	* 4.76089	28.48	ADV	34.1	-30.8	.66	32.44	54	-21.56	-	-	177	189	H
4	* 3.74752	41.42	PK-U	33.3	-32.2	0	42.52	-	-	74	-31.48	108	362	V
	* 3.74757	28.47	ADV	33.3	-32.2	.66	30.23	54	-23.77	-	-	108	362	V
2	* 8.36882	36.74	PK-U	36	-26.5	0	46.24	-	-	74	-27.76	286	104	H
	* 8.36881	23.04	ADV	36	-26.5	.66	33.2	54	-20.8	-	-	286	104	H
3	* 15.97177	33.73	PK-U	40.6	-23.2	0	51.13	-	-	74	-22.87	355	320	H
	* 15.97156	20.93	ADV	40.6	-23.2	.66	38.99	54	-15.01	-	-	355	320	H
5	* 7.52222	36.07	PK-U	35.8	-27.2	0	44.67	-	-	74	-29.33	301	229	V
	* 7.52165	22.85	ADV	35.8	-27.2	.66	32.11	54	-21.89	-	-	301	229	V
6	* 11.4531	33.32	PK-U	38.1	-23.9	0	47.52	-	-	74	-26.48	276	352	V
	* 11.45149	20.53	ADV	38.1	-23.9	.66	35.39	54	-18.61	-	-	276	352	V

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

PK-U - U-NII: Maximum Peak

ADV - U-NII AD primary method, Linear Voltage Average

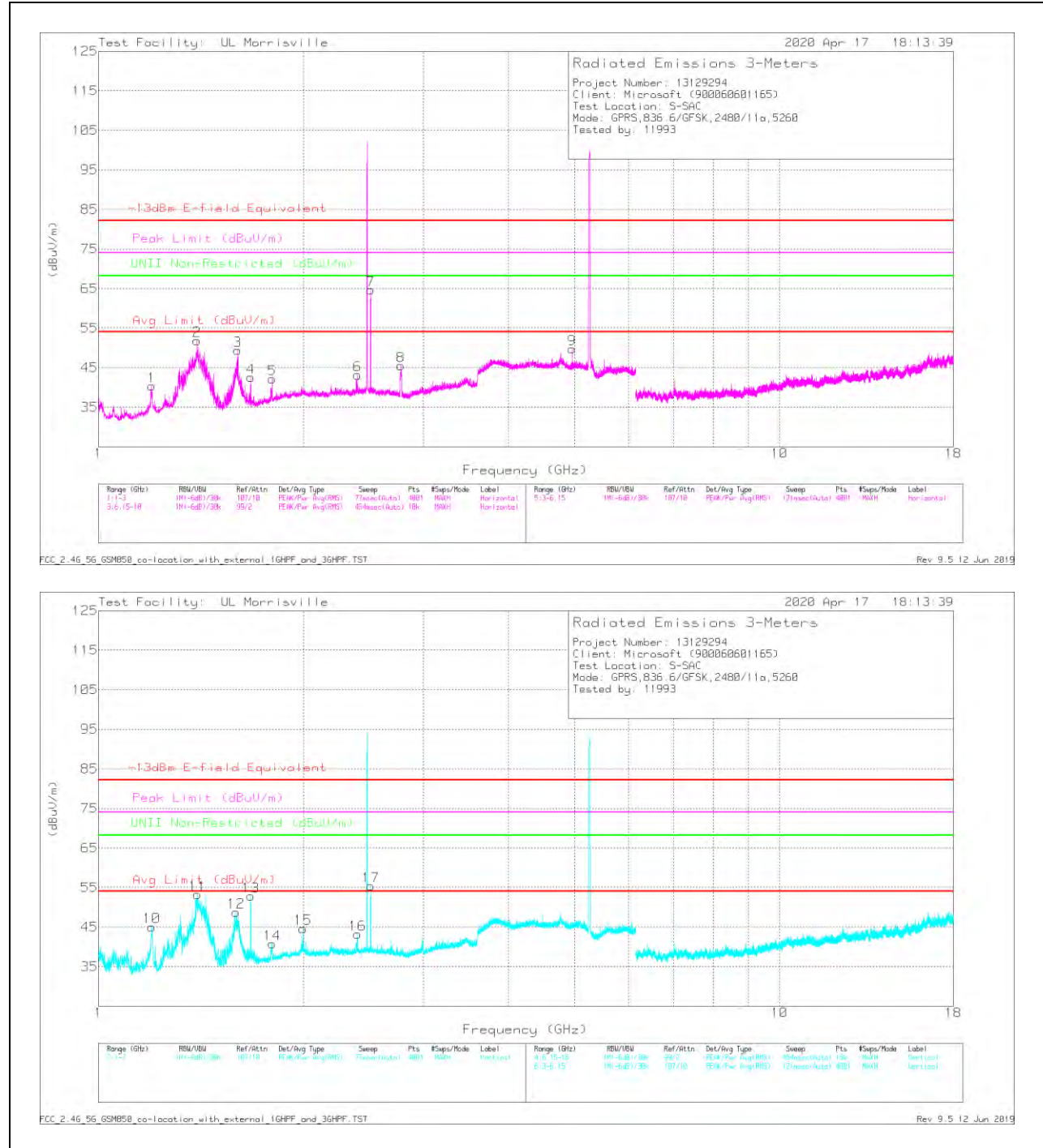
10.2. SPURIOUS EMISSIONS FOR COLLOCATION

TEST-CASE CONDITIONS

Test Case #	Antenna	Mode	Frequency (MHz)
1a	1	BT GFSK	2480
	MAIN	LTE B7 (1RB, 20MHz , QPSK)	2510
	1	WLAN 5GHz, 11a	5260
1b	1	BT GFSK	2480
	MAIN	GSM (GPRS)	836.6MHz
	1	WLAN 5GHz, 11a	5260
3a	1 & 2	WLAN 5GHz, 11a	5260
	MAIN	LTE B7 (1RB, 20MHz , QPSK)	2510
3b	1 & 2	WLAN 5GHz, 11a	5260
	MAIN	GSM (GPRS)	836.6MHz
4a	1	BT GFSK	2480
	MAIN	LTE B7 (1RB, 20MHz , QPSK)	2510
	2	WLAN 5GHz, 11a	5260
4b	1	BT GFSK	2480
	MAIN	GSM (GPRS)	836.6MHz
	2	WLAN 5GHz, 11a	5260
5a	1	BT GFSK	2480
	MAIN	LTE B7 (1RB, 20MHz , QPSK)	2510
	1 & 2	WLAN 5GHz, 11a	5260
5b	1	BT GFSK	2480
	MAIN	GSM (GPRS)	836.6MHz
	1 & 2	WLAN 5GHz, 11a	5260

Cases 1a, 3a, 3b, 4a, 4b & 5a were investigated and no new emissions were found.

CASE 1b:

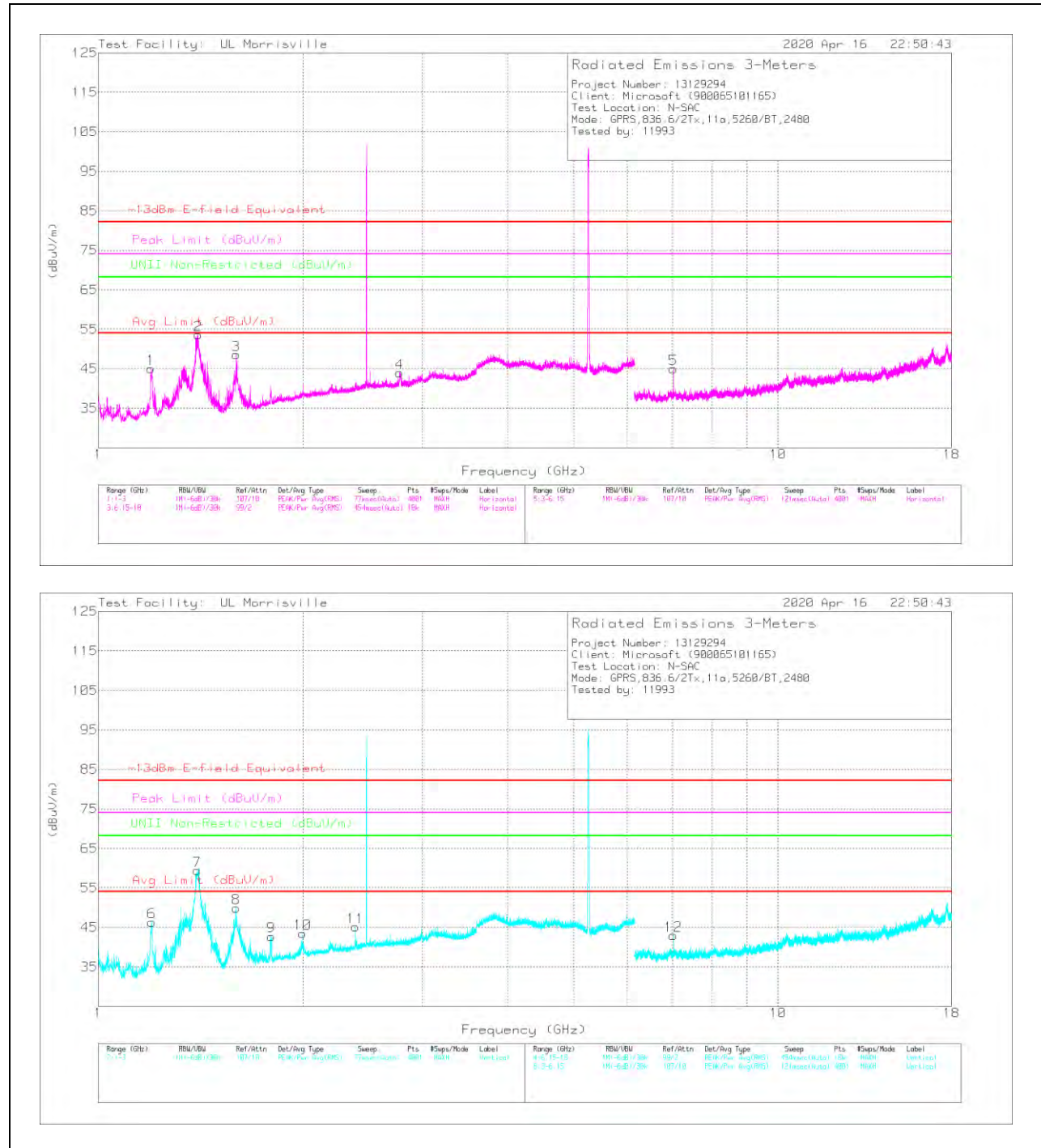


Radiated Emissions

Markers	Frequency (MHz)	Meas Reading (dBuV)	Det	A19072 (dBm)	AmpCoefERP ref (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNEI Non-Restricted (dBuV/m)	PK Margin (dB)	-18dB E-Field Equivalent	Margin (dB)	Altitude (Feet)	Height (m)	Polarity
1	*1.19799	44.74	PK2	28.6	-23.7	1	50.94	-	-	74	-23.36	-	-	82.2	-31.56	306	304	H
	*1.19692	27.56	V1TV	28.6	-23.7	1	33.46	64	-20.54	-	-	-	-	82.2	-48.74	306	304	H
2	*1.39509	53.02	PK2	28.8	-22.8	9	59.92	-	-	74	-14.08	-	-	82.2	-22.28	145	206	H
	*1.39664	36.16	V1TV	28.8	-22.8	9	43.06	54	-10.94	-	-	-	-	82.2	-39.14	145	206	H
3	*1.59848	50.45	PK2	27.8	-22.3	6	56.55	-	-	74	-17.45	-	-	82.2	-25.65	85	243	H
	*1.59809	34.7	V1TV	27.8	-22.3	6	40.8	54	-13.2	-	-	-	-	82.2	-41.4	85	243	H
4	*1.6733	39.05	PK2	28.5	-22.2	5	45.85	-	-	74	-28.15	-	-	82.2	-36.35	2	204	H
	*1.67319	30.97	V1TV	28.5	-22.2	5	37.77	54	-16.23	-	-	-	-	82.2	-48.43	2	204	H
8	*2.77925	44.81	PK2	32.2	-25.6	5	51.71	-	-	74	-22.29	-	-	82.2	-30.49	12	109	H
	*2.78079	34.34	V1TV	32.2	-25.6	5	41.24	54	-12.76	-	-	-	-	82.2	-40.96	12	109	H
10	*1.19528	50.75	PK2	28.5	-23.7	1	56.55	-	-	74	-17.45	-	-	82.2	-25.65	226	161	V
	*1.19657	33.51	V1TV	28.5	-23.7	1	39.31	54	-14.69	-	-	-	-	82.2	-42.89	226	161	V
11	*1.39955	57.59	PK2	28.7	-22.7	9	64.49	-	-	74	-9.51	-	-	82.2	-17.71	39	149	V
	*1.40059	40.89	V1TV	28.7	-22.7	9	47.79	54	-8.21	-	-	-	-	82.2	-34.41	39	149	V
12	*1.5921	51.31	PK2	27.8	-22.3	6	57.41	-	-	74	-16.59	-	-	82.2	-24.79	33	269	V
	*1.5929	37.04	V1TV	27.8	-22.3	6	43.14	54	-10.86	-	-	-	-	82.2	-39.06	33	269	V
13	*1.67462	38.38	PK2	28.5	-22.2	5	45.18	-	-	74	-28.82	-	-	82.2	-37.02	252	336	V
	*1.6722	24.03	V1TV	28.5	-22.2	5	30.83	54	-23.17	-	-	-	-	82.2	-51.37	252	336	V
9	*4.96022	42.76	PK2	34.1	-22	6	55.46	-	-	74	-18.54	-	-	82.2	-26.74	359	102	H
	*4.96013	34.32	V1TV	34.1	-22	6	47.02	54	-6.98	-	-	-	-	82.2	-35.18	359	102	H
14	1.79655	48.97	PK2	30.1	-22.2	4	57.27	-	-	-	-	68.2	-10.93	82.2	-21.93	262	398	V
	1.79758	48.41	PK2	30.1	-22.2	4	56.71	-	-	-	-	68.2	-11.49	82.2	-25.49	272	368	H
15	1.99724	42.54	PK2	31.4	-22.6	4	51.74	-	-	-	-	68.2	-16.46	82.2	-30.46	131	194	V
	2.39911	43.36	PK2	31.9	-24	4	51.66	-	-	-	-	68.2	-16.54	82.2	-30.54	223	147	V
6	2.39977	41.45	PK2	31.9	-24	4	49.75	-	-	-	-	68.2	-18.45	82.2	-32.45	254	234	H
7 (GSM850)	2.50971	58.91	PK2	32.4	-24.7	4	67.01	-	-	-	-	-	-	82.2	-15.19	210	200	H
17 (GSM850)	2.51081	38.03	PK2	32.4	-24.7	4	46.13	-	-	-	-	-	-	82.2	-36.07	187	193	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 V1TV - U-NII: VB=1/Ton, Linear Voltage Average where: Ton is packet duration

CASE 5b:



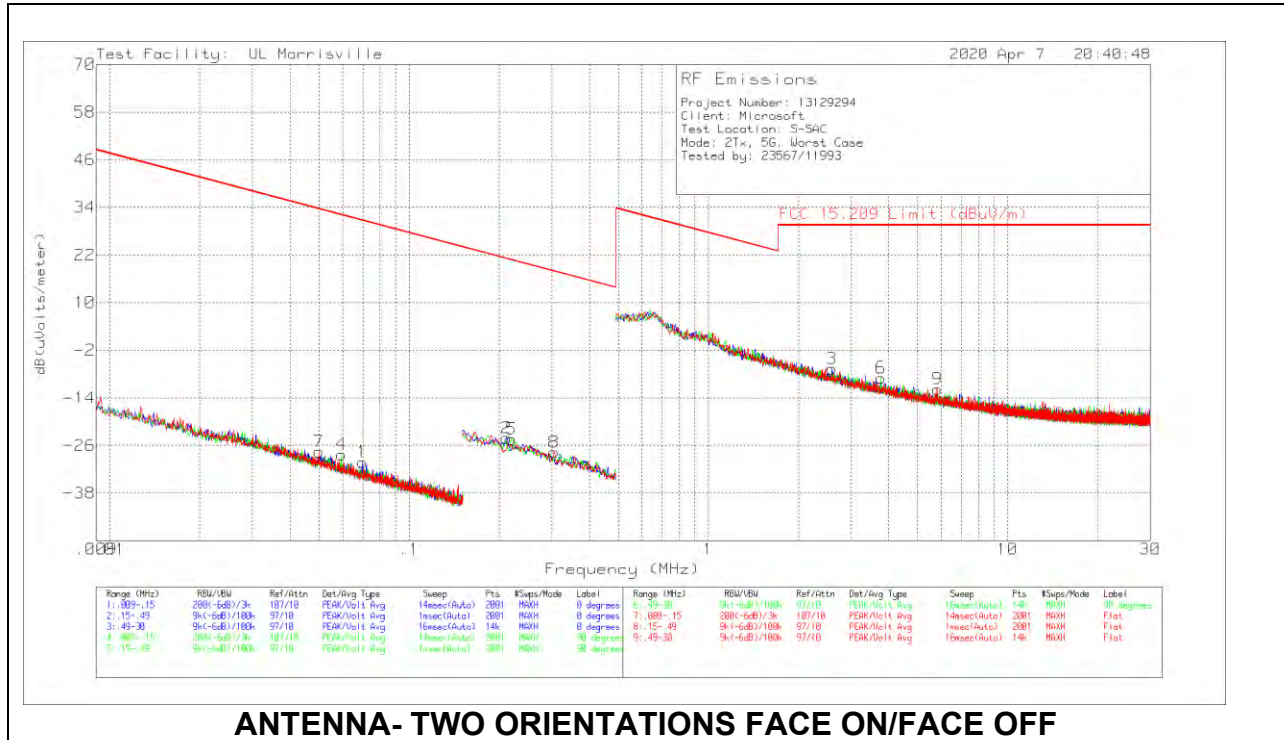
Radiated Emissions

Marker	Frequency (MHz)	Marker Reading (dBuV)	Det	AT0999 (dBm)	Amp/Corr/Freq adj (dB)	Filter (dB)	Corrected Reading (dBm/Hz)	Avg Limit (dBm/Hz)	Margin (dB)	Peak Limit (dBm/Hz)	PK Margin (dB)	UNEI Non-Restricted (dBm/Hz)	PK Margin (dB)	-15dBm E-Field Equivalent	Margin (dB)	Asimuth (Deg)	Height (m)	Polarity
1	* 1.19452	61.23	PK2	28.2	-25.3	1	65.15	-	-	74	-8.87	-	-	82.2	-17.07	206	197	H
	* 1.19459	31.49	V1TV	28.2	-25.3	1	35.39	64	-18.61	-	-	-	-	82.2	-46.81	206	197	H
2	* 1.40186	60.42	PK2	28.5	-24.4	9	65.42	-	-	74	-8.58	-	-	82.2	-16.78	53	171	H
	* 1.40154	44.83	V1TV	28.5	-24.4	9	49.83	54	-4.17	-	-	-	-	82.2	-32.37	53	171	H
3	* 1.59626	51.77	PK2	28.1	-23.7	6	56.77	-	-	74	-17.23	-	-	82.2	-25.43	86	321	H
	* 1.5969	34.27	V1TV	28.1	-23.7	6	39.27	64	-14.73	-	-	-	-	82.2	-42.93	86	321	H
4	* 2.77911	39.44	PK2	32.3	-22.9	5	49.34	-	-	74	-24.66	-	-	82.2	-32.86	300	217	H
	* 2.77916	27.33	V1TV	32.3	-22.9	5	37.23	54	-16.77	-	-	-	-	82.2	-44.97	300	217	H
6	* 1.19841	41.81	PK2	29.2	-25.3	1	45.71	-	-	74	-28.29	-	-	82.2	-38.49	153	300	V
	* 1.19892	26.47	V1TV	29.2	-25.2	1	30.47	64	-23.53	-	-	-	-	82.2	-51.73	153	300	V
7	* 1.39706	59.54	PK2	28.6	-24.4	9	64.64	-	-	74	-9.36	-	-	82.2	-17.56	129	321	V
	* 1.3969	42.54	V1TV	28.6	-24.4	9	47.64	54	-6.36	-	-	-	-	82.2	-34.56	129	321	V
8	* 1.59626	51.04	PK2	28.1	-23.7	6	56.04	-	-	74	-17.06	-	-	82.2	-26.16	353	218	V
	* 1.5967	34.33	V1TV	28.1	-23.7	6	39.33	64	-14.67	-	-	-	-	82.2	-42.87	353	218	V
9	1.79754	48.25	PK2	30	-23.5	4	55.15	-	-	-	-	68.2	-13.05	82.2	-27.05	183	228	V
10	1.95507	39.54	PK2	31.2	-23.6	4	47.54	-	-	-	-	68.2	-20.66	82.2	-34.66	218	300	V
11	2.39191	41.29	PK2	31.9	-23.6	4	49.99	-	-	-	-	68.2	-18.21	82.2	-32.21	178	375	V
12	7.01333	40.79	PK2	35.6	-28.6	7	48.49	-	-	-	-	68.2	-19.71	82.2	-33.71	312	110	V
5	7.01336	41.8	PK2	35.6	-28.6	7	49.5	-	-	-	-	68.2	-18.7	82.2	-32.7	164	149	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 V1TV - U-NII: VB=1/Ton, Linear Voltage Average where: Ton is packet duration

10.3. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

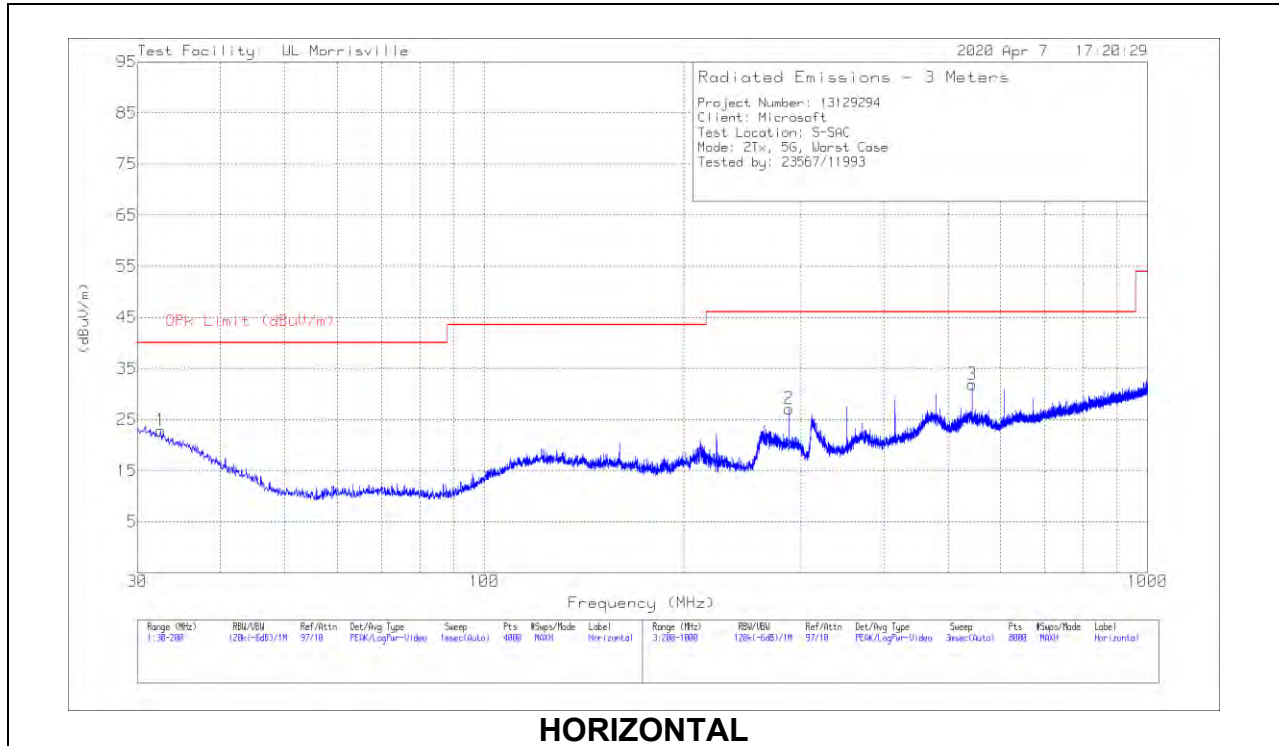


Below 30MHz Data

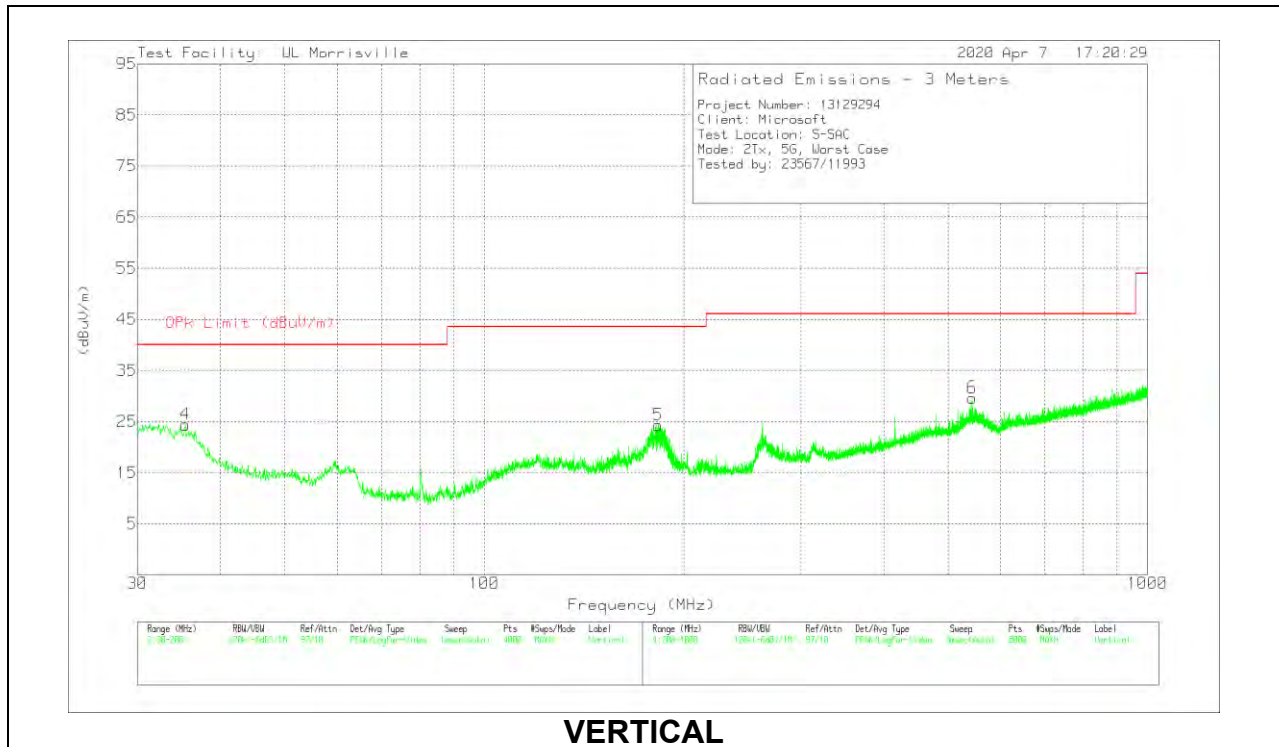
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 AF (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading (dBuV/m)	FCC 15.209 Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7	.05004	40.82	Pk	11.5	.1	-80	-27.58	33.62	-61.2	0-360
4	.05941	40.24	Pk	11.4	.1	-80	-28.26	32.13	-60.39	0-360
1	.06985	38.46	Pk	11.3	.1	-80	-30.14	30.72	-60.86	0-360
2	.21146	44.8	Pk	11	.1	-80	-24.1	21.1	-45.2	0-360
5	.22013	44.5	Pk	11	.1	-80	-24.4	20.75	-45.15	0-360
8	.30538	41.2	Pk	11	.1	-80	-27.7	17.91	-45.61	0-360
3	2.59168	21.83	Pk	11.2	.3	-40	-6.67	29.54	-36.21	0-360
6	3.77848	19.61	Pk	11.1	.3	-40	-8.99	29.54	-38.53	0-360
9	5.82746	16.93	Pk	10.9	.4	-40	-11.77	29.54	-41.31	0-360

Pk - Peak detector

10.4. WORST CASE BELOW 1 GHZ



HORIZONTAL



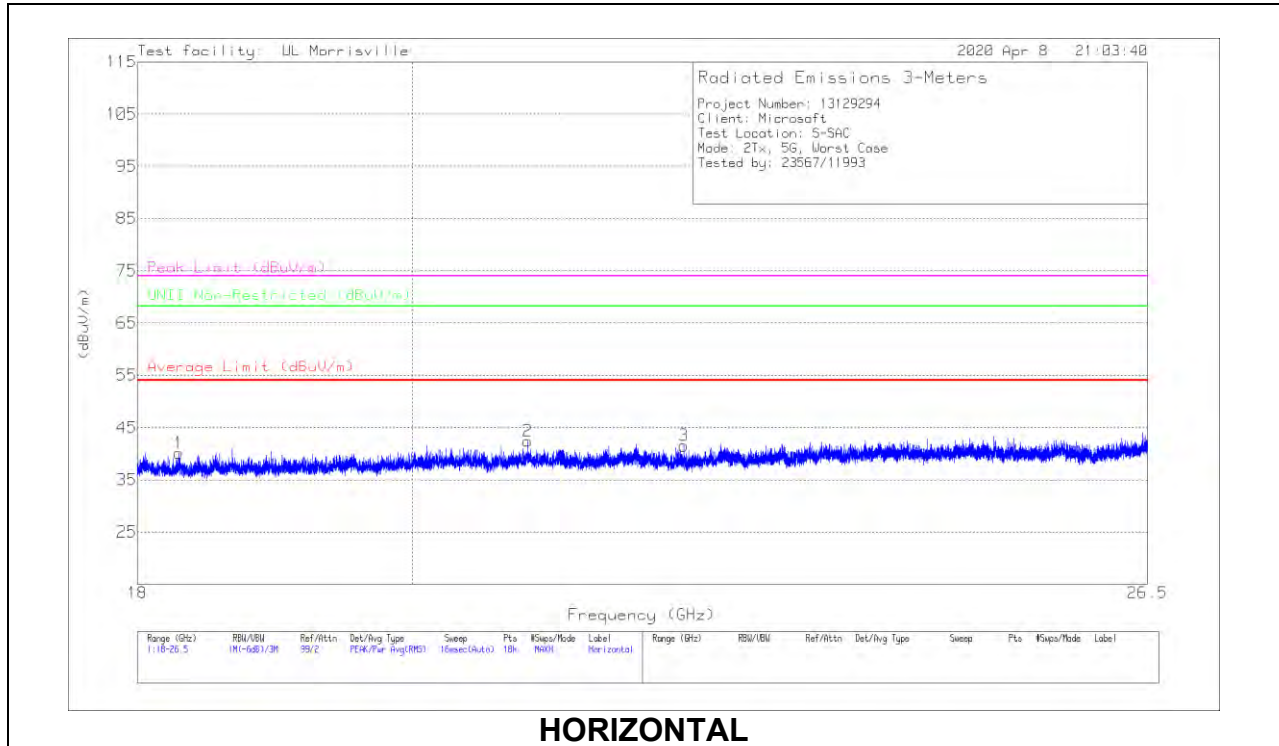
VERTICAL

Below 1GHz DATA

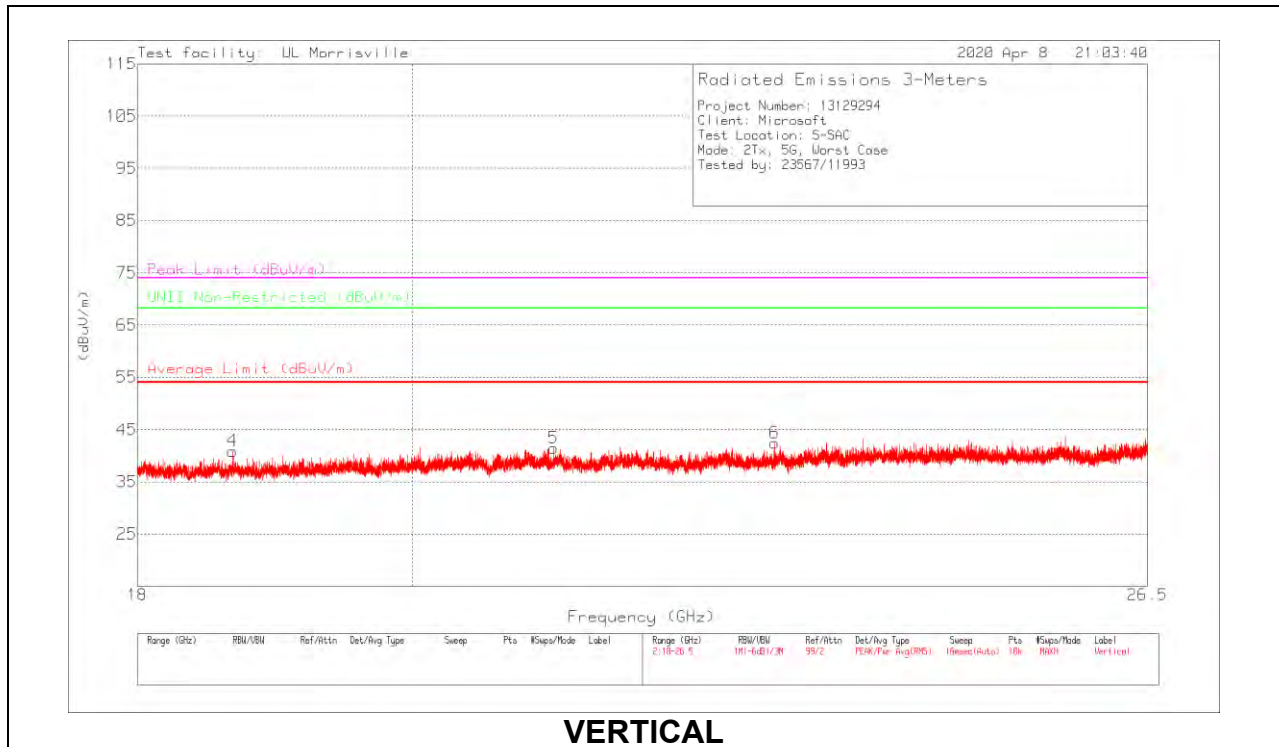
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0074 AF (dB/m)	Cbl/Amp	Corrected Reading (dBuV/m)	QPK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.5081	29.37	Pk	25.2	-31.7	22.87	40	-17.13	0-360	399	H
4	35.4414	33	Pk	23.1	-31.7	24.4	40	-15.6	0-360	102	V
5	182.6995	37.27	Pk	17.3	-30.3	24.27	43.52	-19.25	0-360	102	V
2	288.0114	37.34	Pk	19.4	-29.6	27.14	46.02	-18.88	0-360	102	H
3	543.9447	36.51	Pk	24.2	-28.8	31.91	46.02	-14.11	0-360	198	H
6	543.9447	34.24	Pk	24.2	-28.8	29.64	46.02	-16.38	0-360	101	V

Pk - Peak detector

10.5. WORST CASE 18-26 GHZ



HORIZONTAL



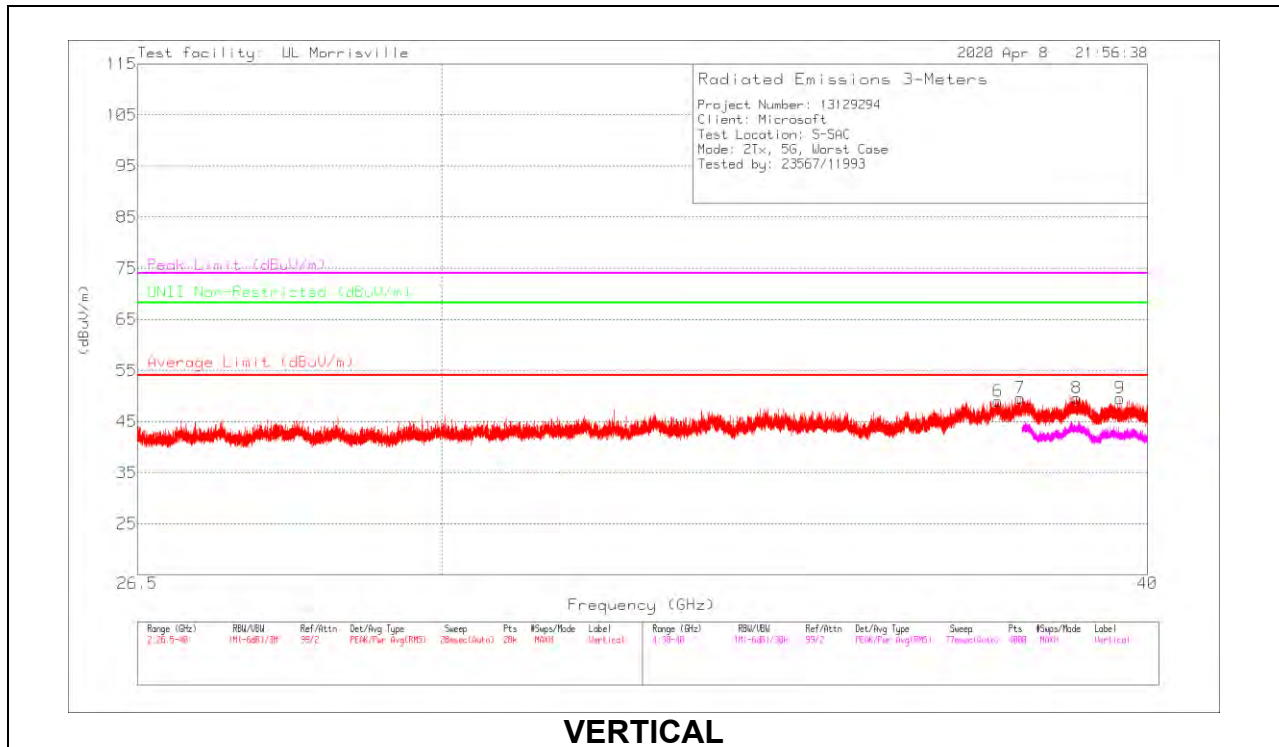
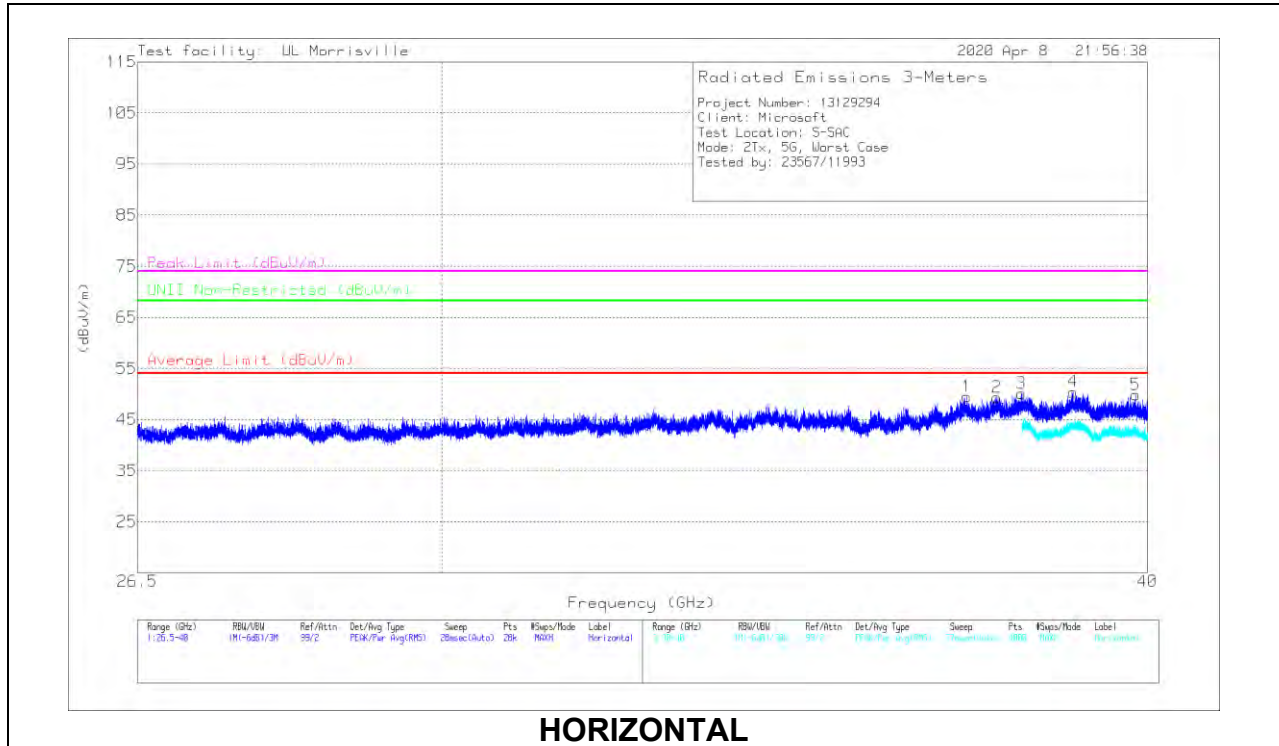
VERTICAL

18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBµV)	Det	AT6076 AF (dBm)	Amp/Cbl (dB)	Corrected Reading (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 18.28713	45.87	Pk	32.3	-38.1	40.07	54	-13.93	74	-33.93	0-360	102	H
2	* 20.90244	46.95	Pk	33.1	-37.6	42.45	54	-11.55	74	-31.55	0-360	248	H
3	* 22.18931	45.23	Pk	33.6	-37.3	41.53	54	-12.47	74	-32.47	0-360	148	H
4	* 18.66729	46.49	Pk	32.5	-38.1	40.89	54	-13.11	74	-33.11	0-360	298	V
5	* 21.10975	45.86	Pk	33	-37.4	41.46	54	-12.54	74	-32.54	0-360	298	V
6	* 22.97419	45.55	Pk	33.7	-36.8	42.45	54	-11.55	74	-31.55	0-360	252	V

Pk - Peak detector

10.6. WORST CASE 26-40 GHZ



26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBµV)	Det	AT6077 AF (dBm)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 38.80661	45.91	PK-U	38.3	-33.2	0	51.01	-	-	74	-22.99	-	-	227	245	H
	* 38.80576	32.77	ADV	38.3	-33.2	.36	38.23	54	-15.77	-	-	-	-	227	245	H
5	* 39.80796	43.25	PK-U	38.7	-32.3	0	49.65	-	-	74	-24.35	-	-	8	218	H
	* 39.80818	30.47	ADV	38.7	-32.3	.36	37.23	54	-16.77	-	-	-	-	8	218	H
8	* 38.85972	45.79	PK-U	38.5	-33	0	51.29	-	-	74	-22.71	-	-	180	242	V
	* 38.85958	32.87	ADV	38.5	-33	.36	38.23	54	-15.77	-	-	-	-	180	242	V
9	* 39.55147	43.64	PK-U	38.5	-32.6	0	49.54	-	-	74	-24.46	-	-	335	328	V
	* 39.55208	30.54	ADV	38.5	-32.6	.36	36.8	54	-17.2	-	-	-	-	335	328	V
1	37.16088	45.82	PK-U	38	-33.7	0	50.12	-	-	-	-	68.2	-18.08	72	120	H
2	37.61776	47.64	PK-U	38	-33.7	0	51.94	-	-	-	-	68.2	-16.26	205	311	H
6	37.63508	46.38	PK-U	38	-33.7	0	50.68	-	-	-	-	68.2	-17.52	62	268	V
7	37.97797	46.59	PK-U	38	-33.4	0	51.19	-	-	-	-	68.2	-17.01	298	372	V
3	37.99843	46.78	PK-U	38	-33.6	0	51.18	-	-	-	-	68.2	-17.02	201	337	H

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

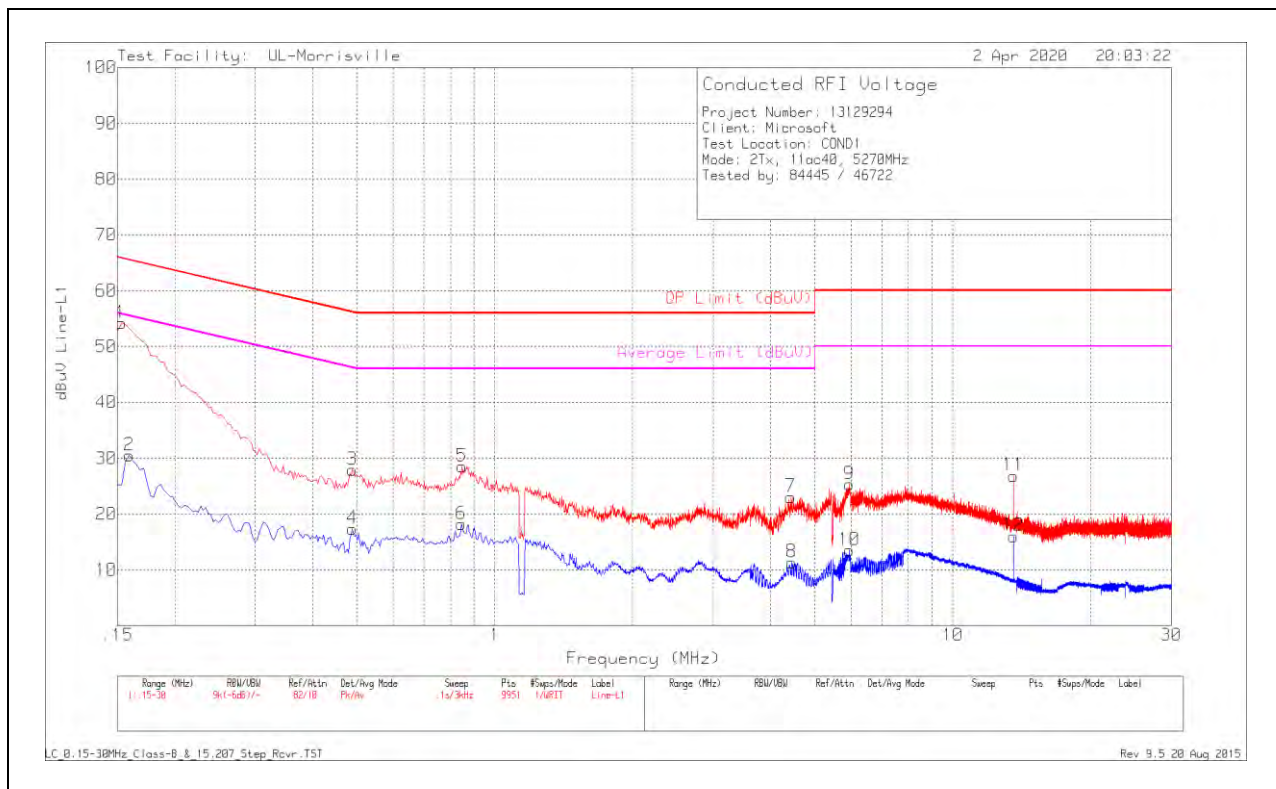
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line Norm

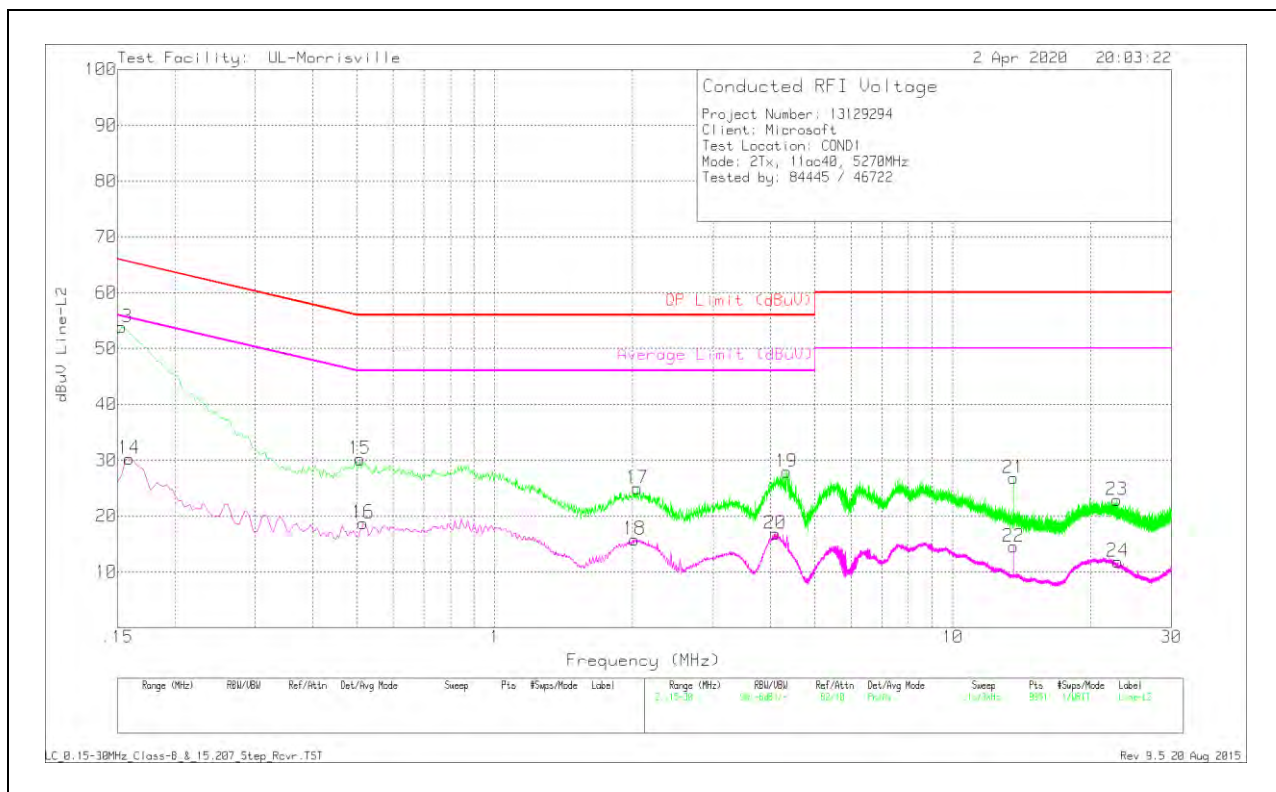
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	44.3	Pk	.2	9.7	54.2	65.84	-11.64	-	-
2	.159	20.61	Av	.2	9.7	30.51	-	-	55.52	-25.01
3	.489	18.05	Pk	.1	9.8	27.95	56.18	-28.23	-	-
4	.489	7.49	Av	.1	9.8	17.39	-	-	46.18	-28.79
5	.849	18.75	Pk	0	9.8	28.55	56	-27.45	-	-
6	.846	8.41	Av	0	9.8	18.21	-	-	46	-27.79
7	4.425	13.05	Pk	.1	9.9	23.05	56	-32.95	-	-
8	4.449	1.37	Av	.1	9.9	11.37	-	-	46	-34.63
9	5.94	15.33	Pk	.1	9.9	25.33	60	-34.67	-	-
10	5.94	3.56	Av	.1	9.9	13.56	-	-	50	-36.44
11	13.563	16.78	Pk	.1	10	26.88	60	-33.12	-	-
12	13.56	5.96	Av	.1	10	16.06	-	-	50	-33.94

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	43.92	Pk	.2	9.7	53.82	65.84	-12.02	-	-
14	.159	20.39	Av	.2	9.7	30.29	-	-	55.52	-25.23
15	.507	20.41	Pk	0	9.8	30.21	56	-25.79	-	-
16	.516	8.96	Av	0	9.8	18.76	-	-	46	-27.24
17	2.046	15.18	Pk	0	9.8	24.98	56	-31.02	-	-
18	2.019	6.01	Av	0	9.8	15.81	-	-	46	-30.19
19	4.332	17.99	Pk	0	9.9	27.89	56	-28.11	-	-
20	4.092	6.98	Av	0	9.9	16.88	-	-	46	-29.12
21	13.56	16.74	Pk	.1	10	26.84	60	-33.16	-	-
22	13.56	4.42	Av	.1	10	14.52	-	-	50	-35.48
23	22.797	12.57	Pk	.2	10.1	22.87	60	-37.13	-	-
24	22.917	1.56	Av	.2	10.1	11.86	-	-	50	-38.14

Pk - Peak detector
 Av - Average detection