

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44121	65.69	PK-U	28.4	-46.3	0	47.79	-	-	74	-26.21	-	-	316	167	H
	* 1.44009	52.36	ADR	28.4	-46.3	.34	34.8	54	-19.2	-	-	-	-	316	167	H
2	2.39998	59.6	PK-U	32.4	-45	0	47	-	-	-	-	68.2	-21.2	189	221	H
6	1.92106	66.96	PK-U	30.9	-45.6	0	52.26	-	-	-	-	68.2	-15.94	56	201	H
3	2.3998	62.69	PK-U	32.4	-45	0	50.09	-	-	-	-	68.2	-18.11	211	287	V
4	* 10.6199	49.55	PK-U	37.9	-37.2	0	50.25	-	-	74	-23.75	-	-	232	199	H
	* 10.62041	36.92	ADR	38	-37.3	.34	37.96	54	-16.04	-	-	-	-	232	199	H
5	* 10.61711	48.1	PK-U	37.9	-37.3	0	48.7	-	-	74	-25.3	-	-	212	193	V
	* 10.61987	36.48	ADR	37.9	-37.3	.34	37.42	54	-16.58	-	-	-	-	212	193	V

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

PK-U - U-NII: Maximum Peak

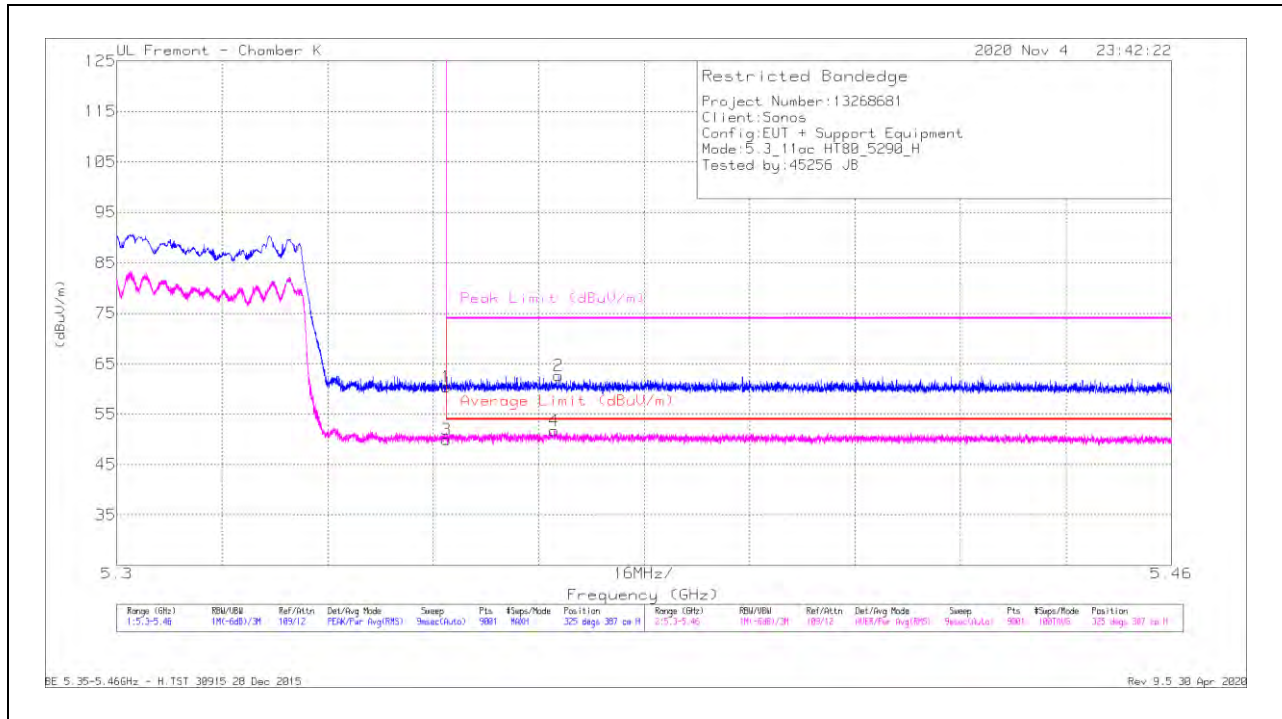
ADR - U-NII AD primary method, RMS average

10.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

2TX CHAIN 0 + CHAIN 1

BANDEDGE (MID CHANNEL)

HORIZONTAL RESULT



Trace Markers

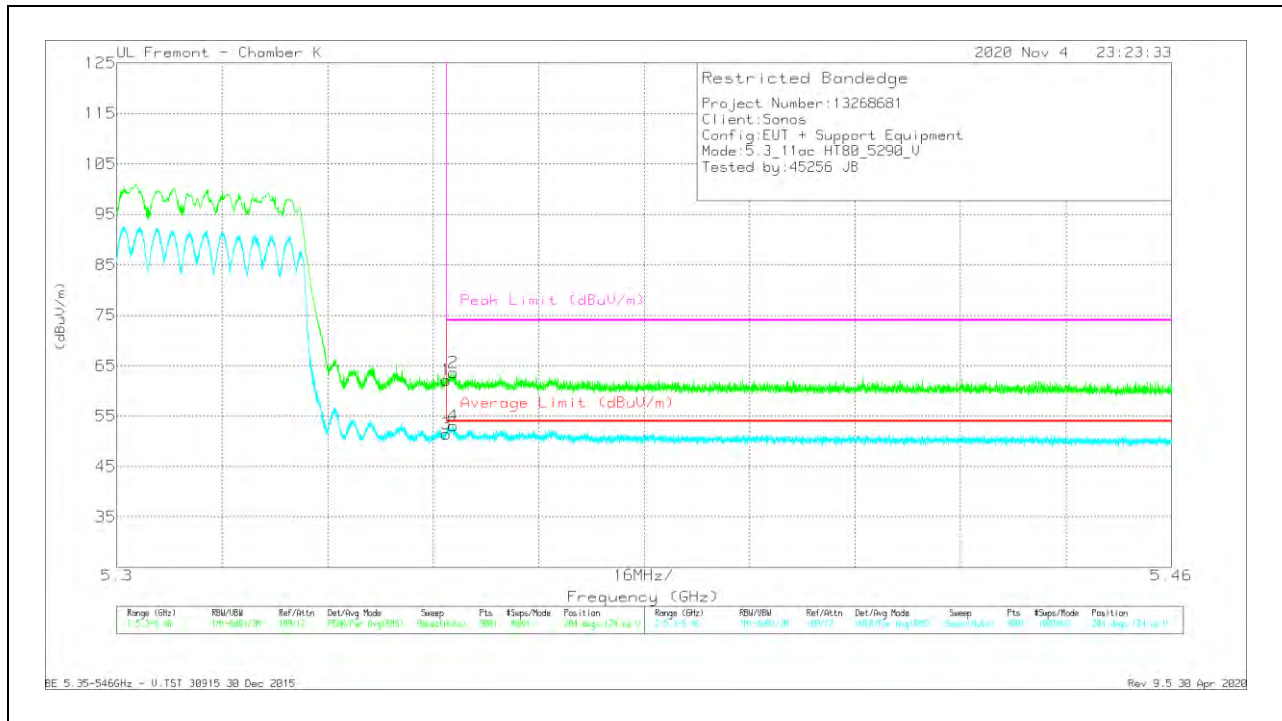
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35001	32.46	Pk	35.2	-7.2	0	60.46	-	-	74	-13.54	325	387	H
2	* 5.36704	34.53	PK	35.2	-7.1	0	62.63	-	-	74	-11.37	325	387	H
3	* 5.35001	21.25	RMS	35.2	-7.2	.66	49.91	54	-4.09	-	-	325	387	H
4	* 5.36637	22.89	RMS	35.2	-7.1	.66	51.65	54	-2.35	-	-	325	387	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 5.35001	34.2	Pk	35.2	-7.2	0	62.2	-	-	74	-11.8	204	124	V
2	* 5.35109	35.67	Pk	35.2	-7.2	0	63.67	-	-	74	-10.33	204	124	V
3	* 5.35001	22.76	RMS	35.2	-7.2	.66	51.42	54	-2.58	-	-	204	124	V
4	* 5.35106	24.45	RMS	35.2	-7.2	.66	53.11	54	-0.89	-	-	204	124	V

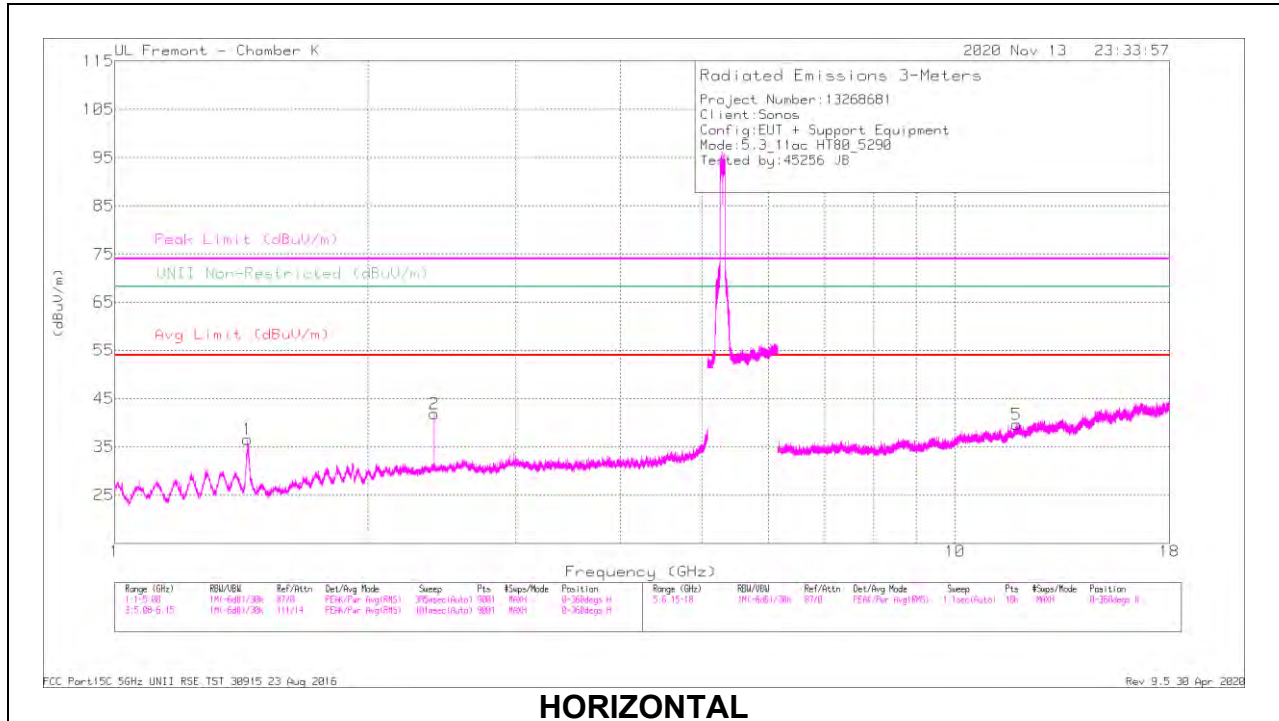
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

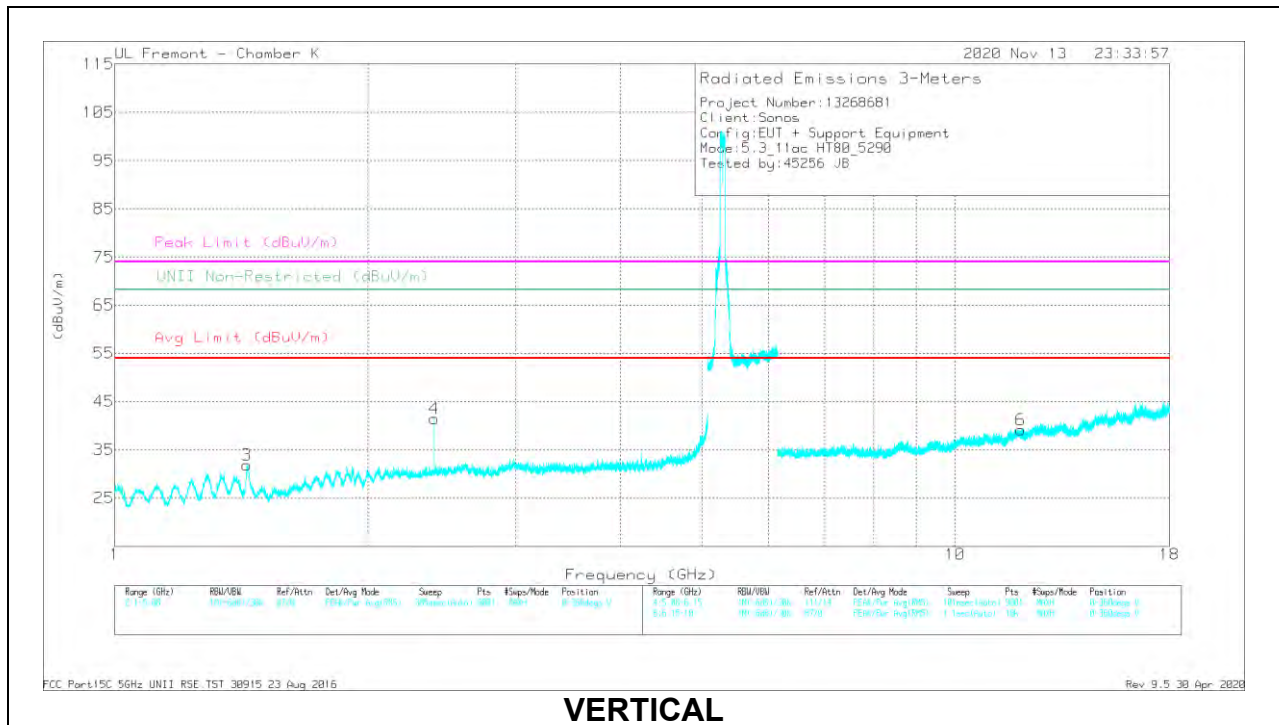
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/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	* 1.44088	66.1	PK-U	28.4	-46.3	0	48.2	-	-	74	-25.8	-	-	103	202	H
	* 1.44	50.15	ADR	28.4	-46.3	66	32.91	54	-21.09	-	-	-	-	103	202	H
2	2.40007	59.14	PK-U	32.4	-45	0	46.54	-	-	-	-	68.2	-21.66	337	104	H
3	* 1.43883	64.57	PK-U	28.4	-46.3	0	46.87	-	-	74	-27.33	-	-	297	285	V
	* 1.43818	50.57	ADR	28.4	-46.3	66	33.33	54	-20.67	-	-	-	-	297	285	V
4	2.4	57.99	PK-U	32.4	-45	0	45.39	-	-	-	-	68.2	-22.81	344	195	V
5	* 11.83786	43.27	PK-U	38.7	-35.6	0	46.37	-	-	74	-27.63	-	-	0	293	H
	* 11.83989	32.23	ADR	38.7	-35.6	66	35.99	54	-18.01	-	-	-	-	0	293	H
6	* 11.97893	43.34	PK-U	38.9	-35.2	0	47.04	-	-	74	-26.96	-	-	268	258	V
	* 11.97855	32.59	ADR	38.9	-35.2	66	36.95	54	-17.05	-	-	-	-	268	258	V

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

PK-U - U-NII: Maximum Peak

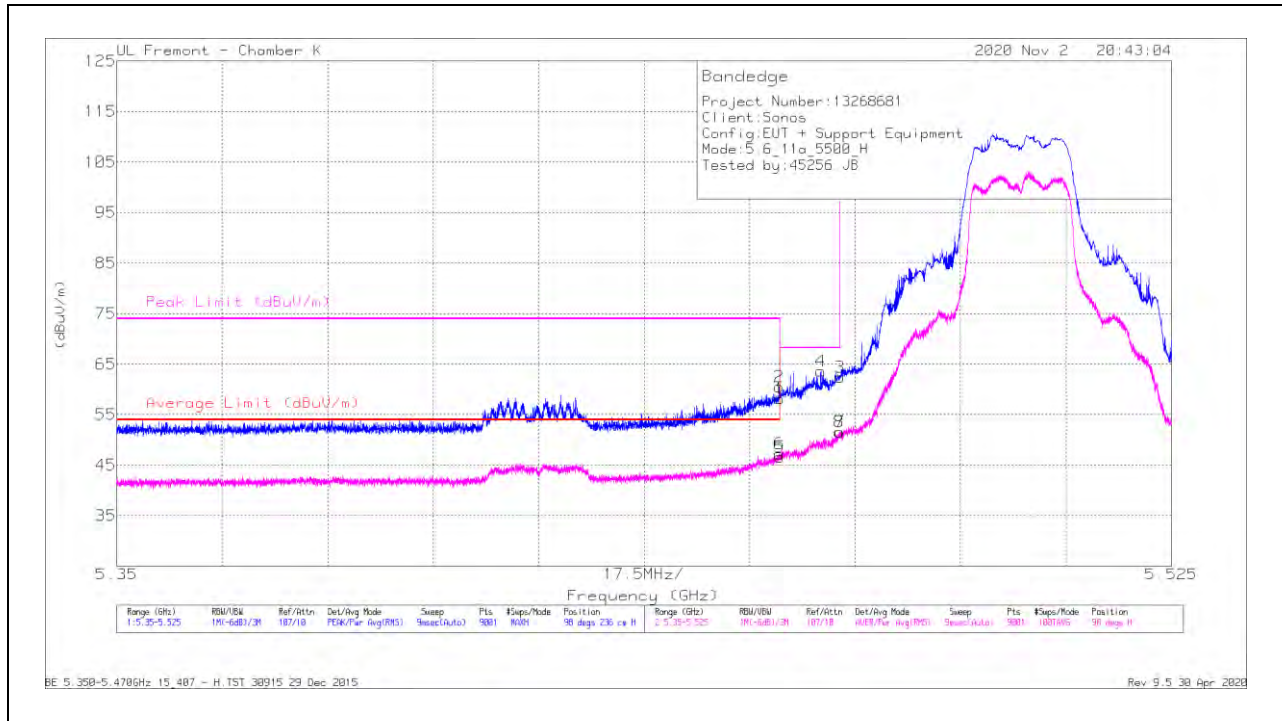
ADR - U-NII AD primary method, RMS average

10.1.9. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

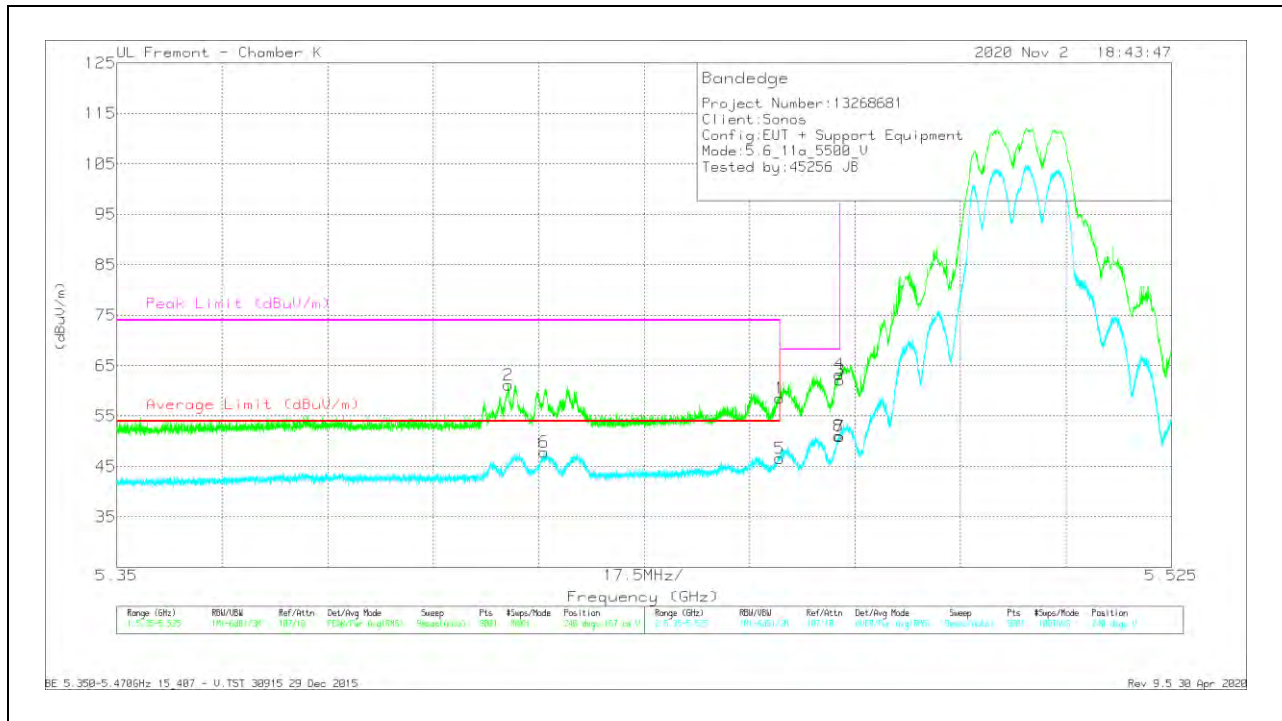
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	53.29	Pk	35.6	-30.7	0	58.19	-	-	74	-15.81	98	236	H
2	* 5.45992	55.57	Pk	35.6	-30.7	0	60.47	-	-	74	-13.53	98	236	H
3	5.46999	57.41	Pk	35.7	-30.7	0	62.41	-	-	68.2	-5.79	98	236	H
4	5.46682	58.71	Pk	35.6	-30.7	0	63.61	-	-	68.2	-4.59	98	236	H
5	* 5.45999	41.53	RMS	35.6	-30.7	.16	46.59	54	-7.41	-	-	98	236	H
6	* 5.45996	42.21	RMS	35.6	-30.7	.16	47.27	54	-6.73	-	-	98	236	H
7	5.46999	46.38	RMS	35.7	-30.7	.16	51.54	-	-	-	-	98	236	H
8	5.46985	46.45	RMS	35.7	-30.7	.16	51.61	-	-	-	-	98	236	H

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

Pk – Peak detector

RMS – RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 5.45999	53.67	Pk	35.6	-30.7	0	58.57	-	-	74	-15.43	240	167	V
2	* 5.41494	56.44	Pk	35.5	-30.8	0	61.14	-	-	74	-12.86	240	167	V
3	5.46999	57.17	Pk	35.7	-30.7	0	62.17	-	-	68.2	-6.03	240	167	V
4	5.46993	58.27	Pk	35.7	-30.7	0	63.27	-	-	68.2	-4.93	240	167	V
5	* 5.45999	41.6	RMS	35.6	-30.7	.16	46.66	54	-7.34	-	-	240	167	V
6	* 5.42089	43.05	RMS	35.4	-30.8	.16	47.81	54	-6.19	-	-	240	167	V
7	5.46999	45.75	RMS	35.7	-30.7	.16	50.91	-	-	-	-	240	167	V
8	5.46981	45.92	RMS	35.7	-30.7	.16	51.08	-	-	-	-	240	167	V

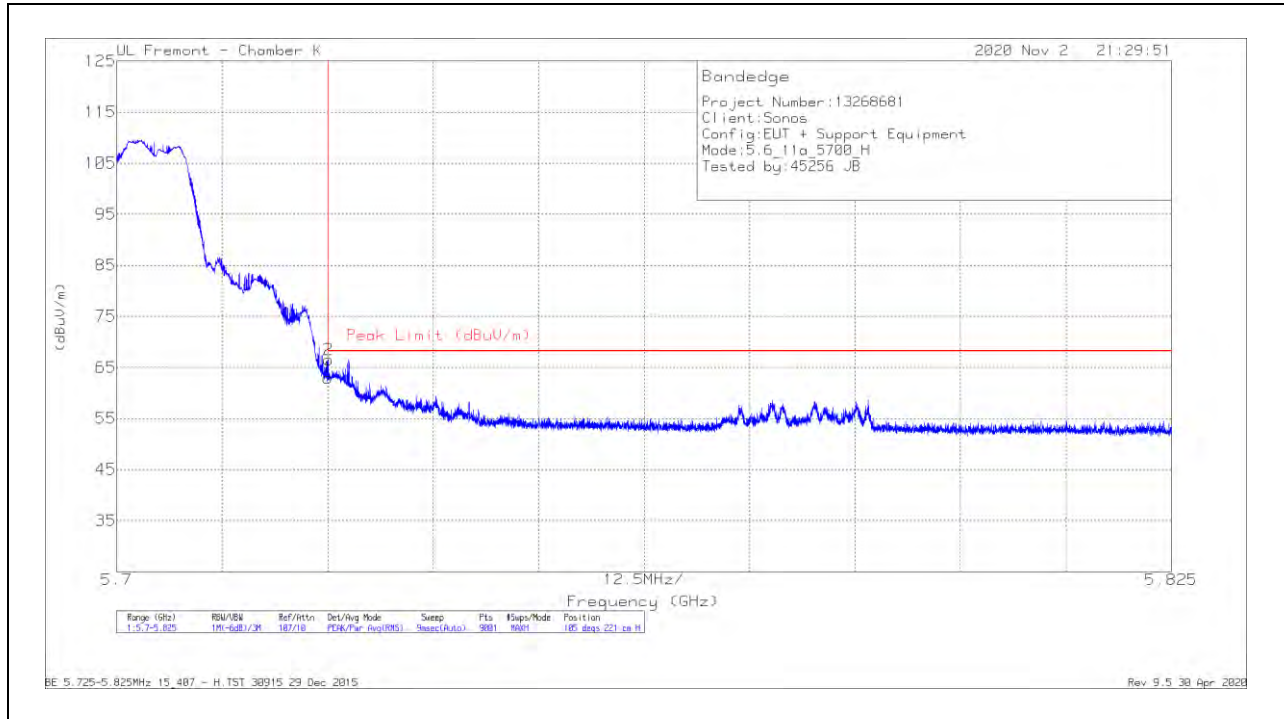
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk – Peak detector

RMS – RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

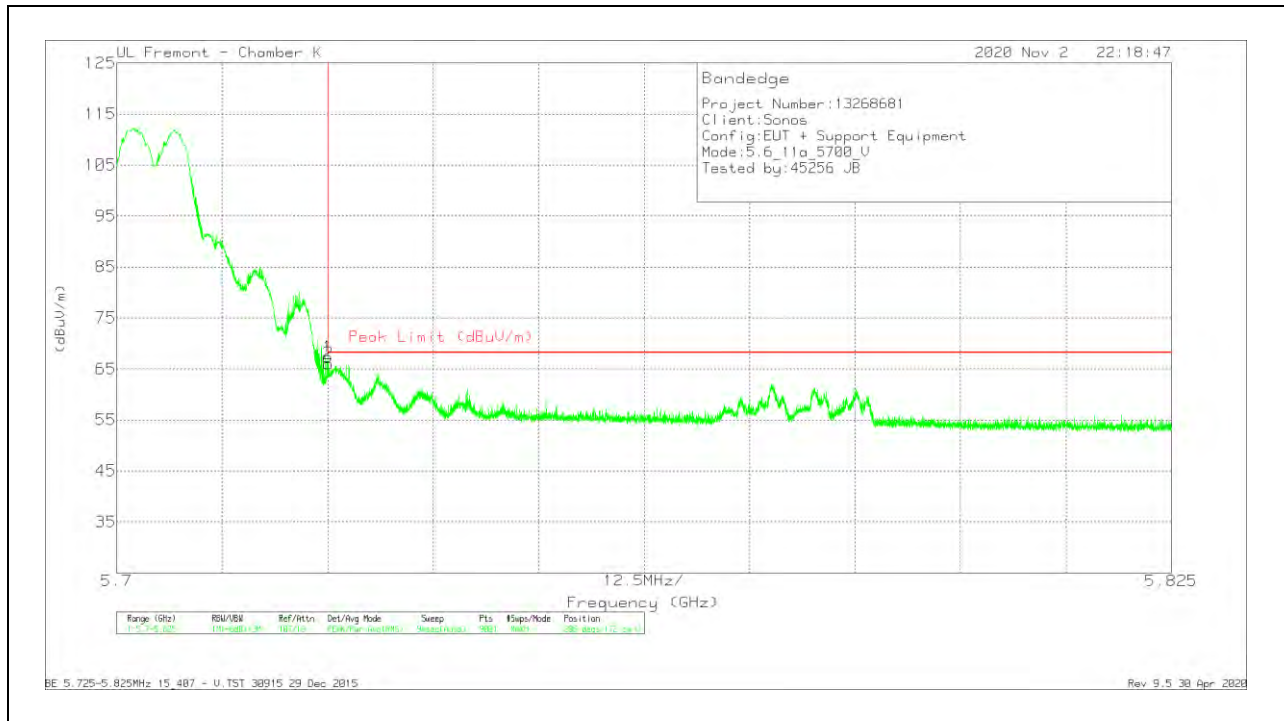


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	58.13	Pk	35.1	-30.3	0	62.93	68.2	-5.27	105	221	H
2	5.72508	61.75	Pk	35.1	-30.3	0	66.55	68.2	-1.65	105	221	H

Pk – Peak detector

VERTICAL RESULT



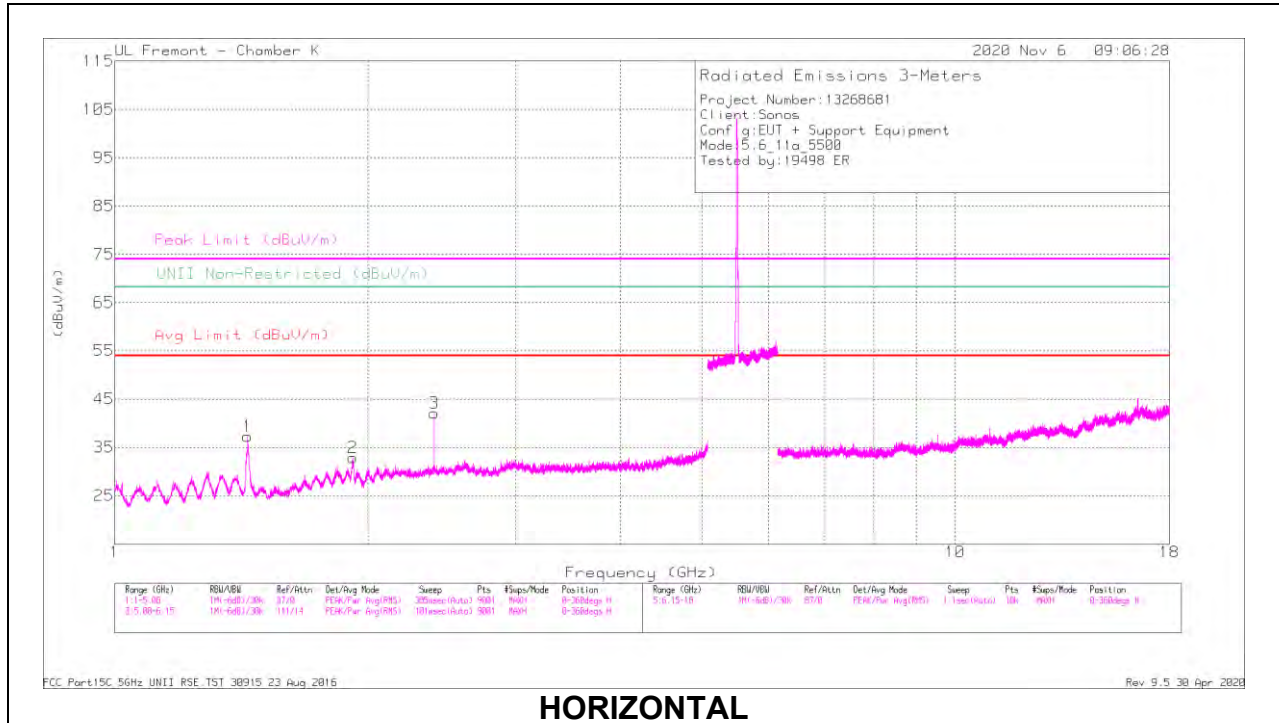
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	62.6	Pk	35.1	-30.3	0	67.4	68.2	-0.8	206	172	V
2	5.72514	61.28	Pk	35.1	-30.3	0	66.08	68.2	-2.12	206	172	V

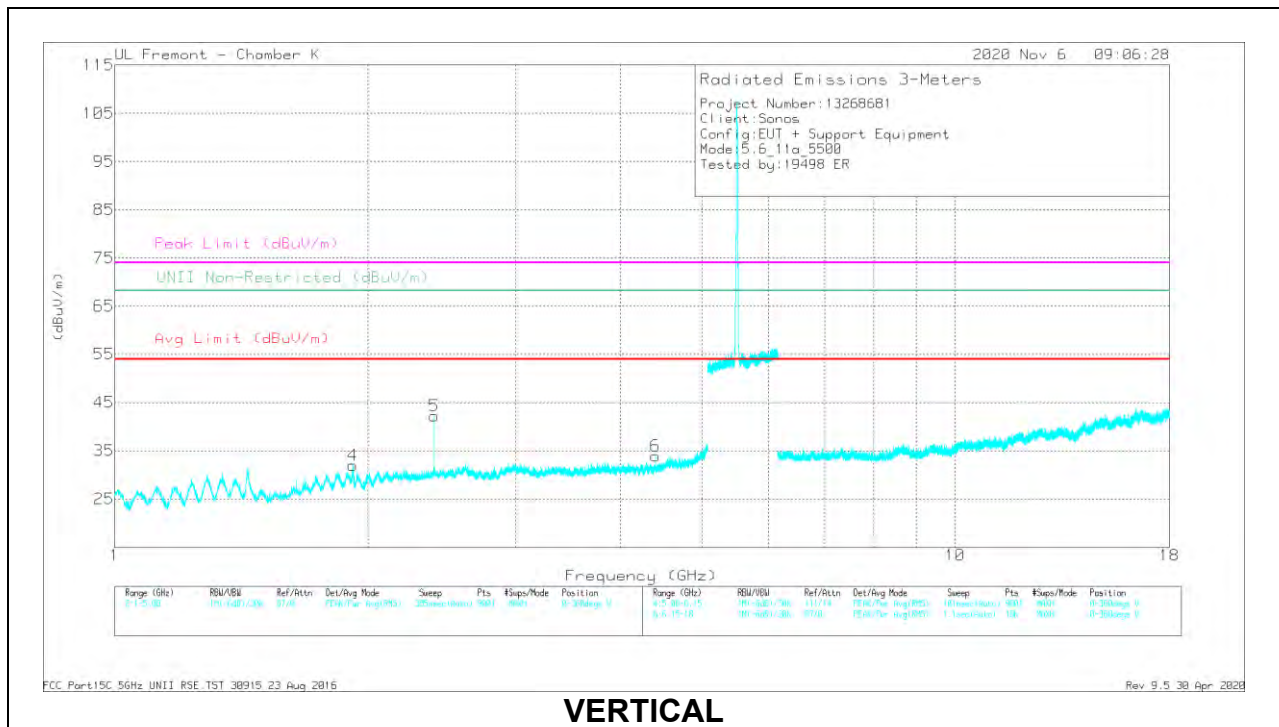
Pk – Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

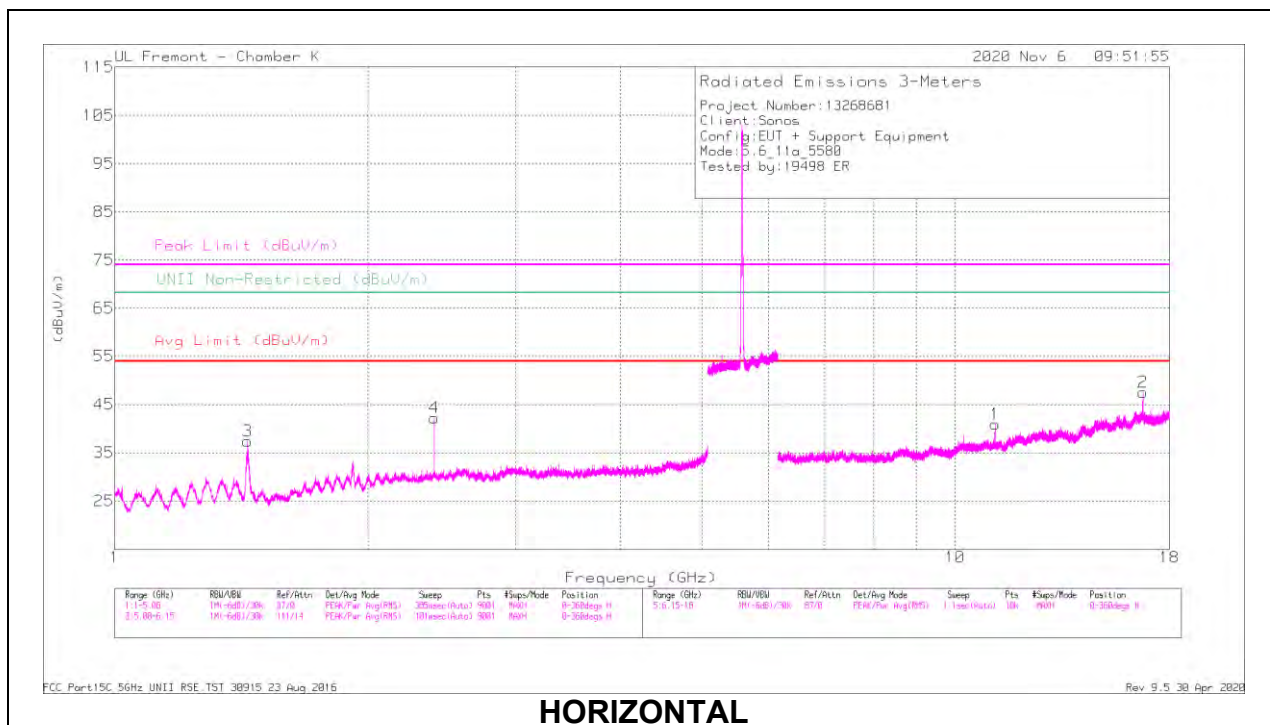
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43936	74.79	PK-U	28.4	-46.3	0	56.89	-	-	74	-17.11	-	-	85	184	H
	* 1.44001	54.69	ADR	28.4	-46.3	-16	36.95	54	-17.05	-	-	-	-	85	184	H
2	1.91934	66.48	PK-U	30.9	-45.7	0	51.68	-	-	-	-	68.2	-16.52	239	191	H
3	2.40006	60.5	PK-U	32.4	-45	0	47.9	-	-	-	-	68.2	-20.3	248	125	H
4	1.91918	65.97	PK-U	30.9	-45.7	0	51.17	-	-	-	-	68.2	-17.03	350	177	V
5	2.40006	59.92	PK-U	32.4	-45	0	47.32	-	-	-	-	68.2	-20.88	195	193	V
6	* 4.39997	48.78	PK-U	33.8	-41.4	0	41.18	-	-	74	-32.82	-	-	116	187	V
	* 4.4	38.69	ADR	33.8	-41.4	-16	31.25	54	-22.75	-	-	-	-	116	187	V

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

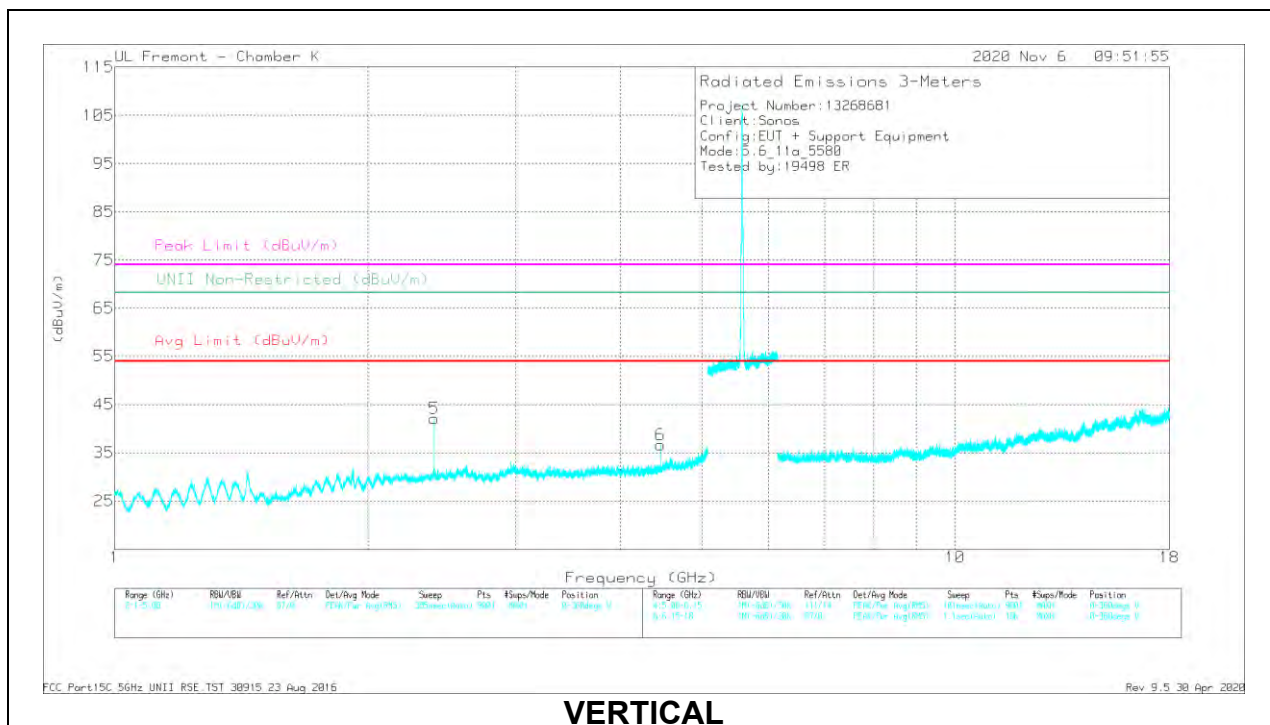
PK-U – U-NII: Maximum Peak

ADR – U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

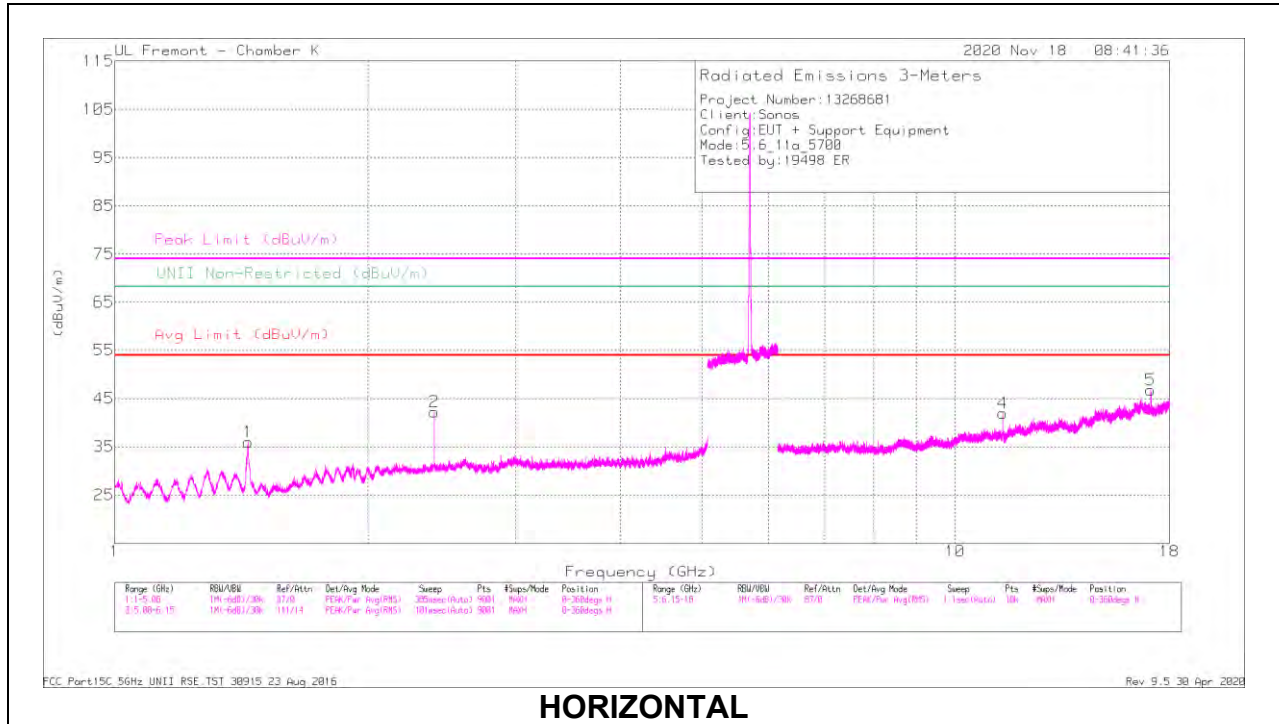
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 1.44159	71.92	PK-U	28.4	-46.3	0	54.02	-	-	74	-19.98	-	-	85	196	H
	* 1.43784	54.4	ADR	28.4	-46.3	-16	36.66	54	-17.34	-	-	-	-	85	196	H
4	2.4	62.08	PK-U	32.4	-45	0	49.48	-	-	-	-	68.2	-18.72	244	184	H
5	2.40009	59.96	PK-U	32.4	-45	0	47.36	-	-	-	-	68.2	-20.84	194	194	V
6	4.46391	50.9	PK-U	34.1	-41.3	0	43.7	-	-	-	-	68.2	-24.5	131	237	V
1	* 11.15846	49.61	PK-U	37.9	-36.7	0	50.81	-	-	74	-23.19	-	-	139	205	H
	* 11.16202	38.56	ADR	37.9	-36.7	-16	39.92	54	-14.08	-	-	-	-	139	205	H
2	16.74389	50.9	PK-U	42.3	-33.6	0	59.6	-	-	-	-	68.2	-8.6	355	199	H

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

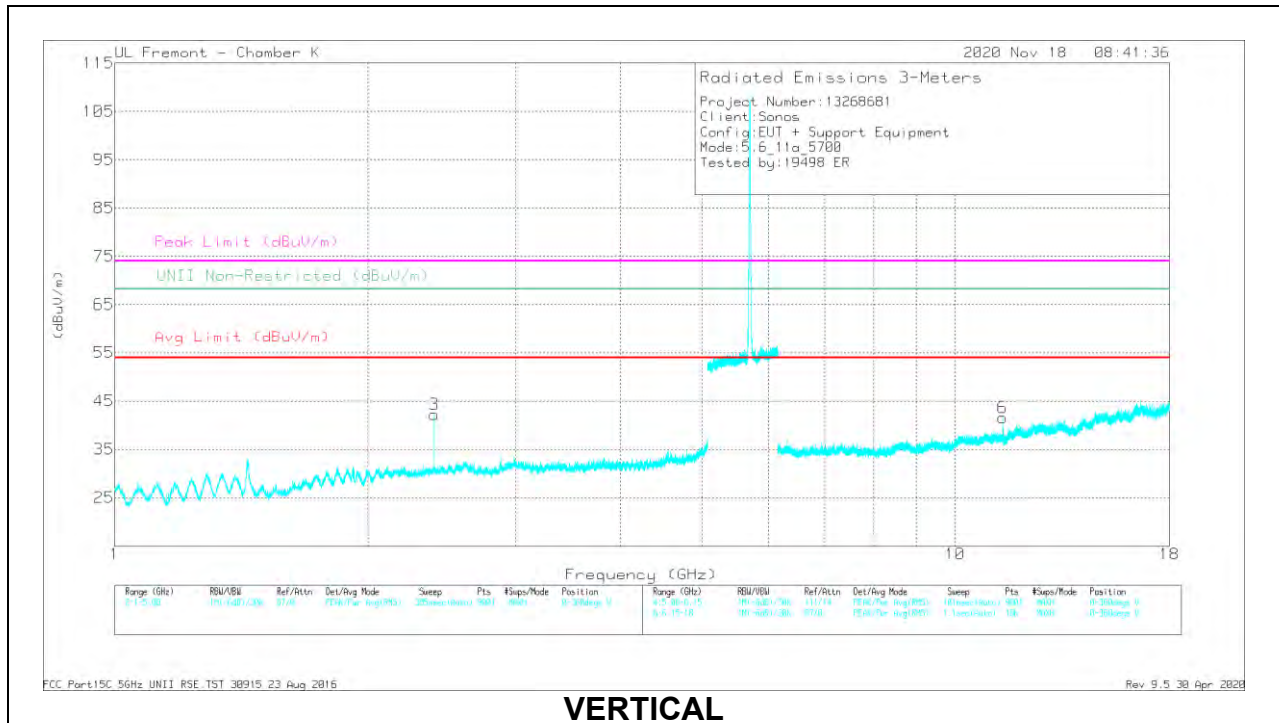
PK-U – U-NII: Maximum Peak

ADR – U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43859	70.73	PK-U	28.4	-46.3	0	52.83	-	-	74	-21.17	-	-	13	198	H
	* 1.43934	50.76	ADR	28.4	-46.3	-16	33.02	54	-20.98	-	-	-	-	13	198	H
2	2.40018	58.95	PK-U	32.4	-45	0	46.35	-	-	-	-	68.2	-21.85	294	198	H
3	2.40007	60.43	PK-U	32.4	-45	0	47.83	-	-	-	-	68.2	-20.37	340	295	V
4	* 11.40189	49.61	PK-U	38.1	-36.2	0	51.51	-	-	74	-22.49	-	-	100	220	H
	* 11.40209	38.39	ADR	38.1	-36.2	-16	40.45	54	-13.55	-	-	-	-	100	220	H
5	17.10391	49.12	PK-U	41.6	-33.2	0	57.52	-	-	-	-	68.2	-10.68	353	205	H
6	* 11.40172	48.75	PK-U	38.1	-36.2	0	50.65	-	-	74	-23.35	-	-	28	179	V
	* 11.40208	38.57	ADR	38.1	-36.2	-16	40.63	54	-13.37	-	-	-	-	28	179	V

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

PK-U – U-NII: Maximum Peak

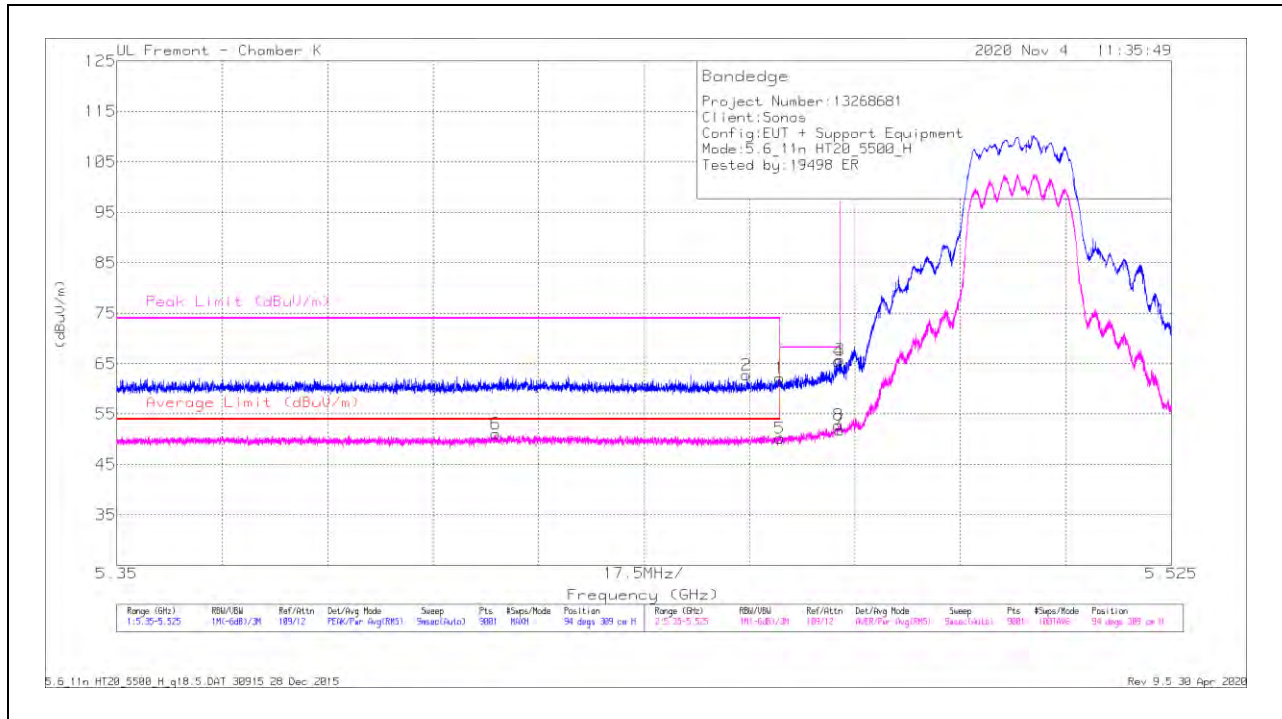
ADR – U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

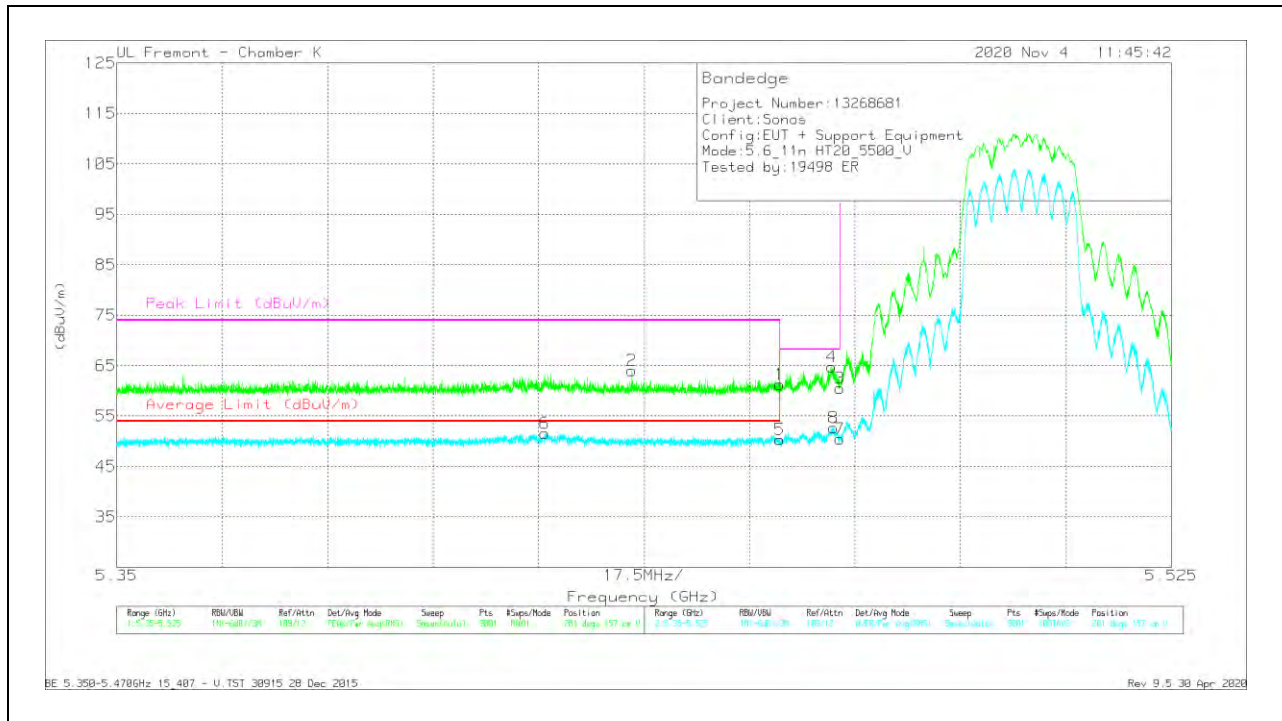
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	33.92	Pk	35.6	-7.4	0	62.12	-	-	74	-11.88	94	309	H
2	* 5.45451	34.59	Pk	35.6	-7.4	0	62.79	-	-	74	-11.21	94	309	H
3	5.46999	37.45	Pk	35.7	-7.4	0	65.75	-	-	68.2	-2.45	94	309	H
4	5.46978	37.21	Pk	35.7	-7.4	0	65.51	-	-	68.2	-2.69	94	309	H
5	* 5.45999	21.88	RMS	35.6	-7.4	.18	50.26	54	-3.74	-	-	94	309	H
6	* 5.4129	22.82	RMS	35.5	-7.4	.18	51.1	54	-2.9	-	-	94	309	H
7	5.46999	23.36	RMS	35.7	-7.4	.18	51.84	-	-	-	-	94	309	H
8	5.46978	24.38	RMS	35.7	-7.4	.18	52.86	-	-	-	-	94	309	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 5.45999	33.04	Pk	35.6	-7.4	0	61.24	-	-	74	-12.76	281	157	V
2	* 5.4355	35.8	Pk	35.5	-7.3	0	64	-	-	74	-10	281	157	V
3	5.46999	32.18	Pk	35.7	-7.4	0	60.48	-	-	68.2	-7.72	281	157	V
4	5.46865	36.42	Pk	35.7	-7.4	0	64.72	-	-	68.2	-3.48	281	157	V
5	* 5.45999	21.93	RMS	35.6	-7.4	.18	50.31	54	-3.69	-	-	281	157	V
6	* 5.42099	23.35	RMS	35.4	-7.4	.18	51.53	54	-2.47	-	-	281	157	V
7	5.46999	21.97	RMS	35.7	-7.4	.18	50.45	-	-	-	-	281	157	V
8	5.469	24.19	RMS	35.7	-7.4	.18	52.67	-	-	-	-	281	157	V

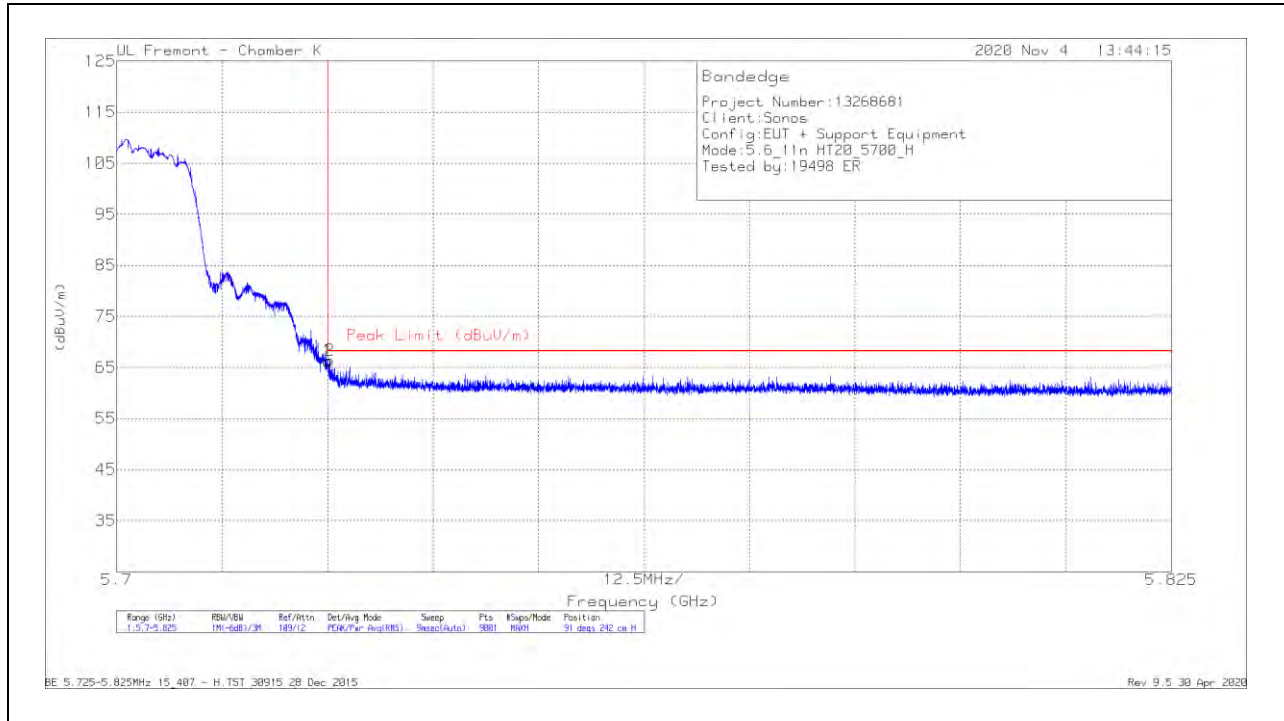
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

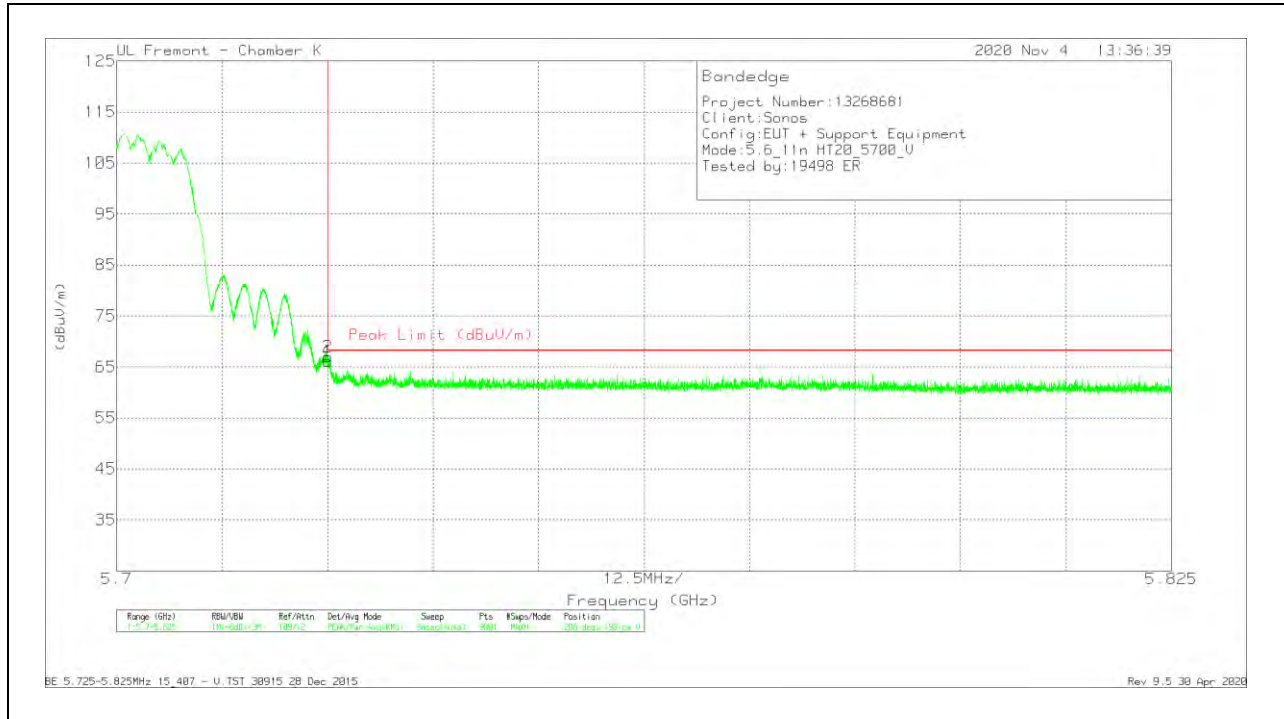


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.91	Pk	35.1	-6.8	66.21	68.2	-1.99	91	242	H
2	5.72525	38.09	Pk	35.1	-6.8	66.39	68.2	-1.81	91	242	H

Pk - Peak detector

VERTICAL RESULT



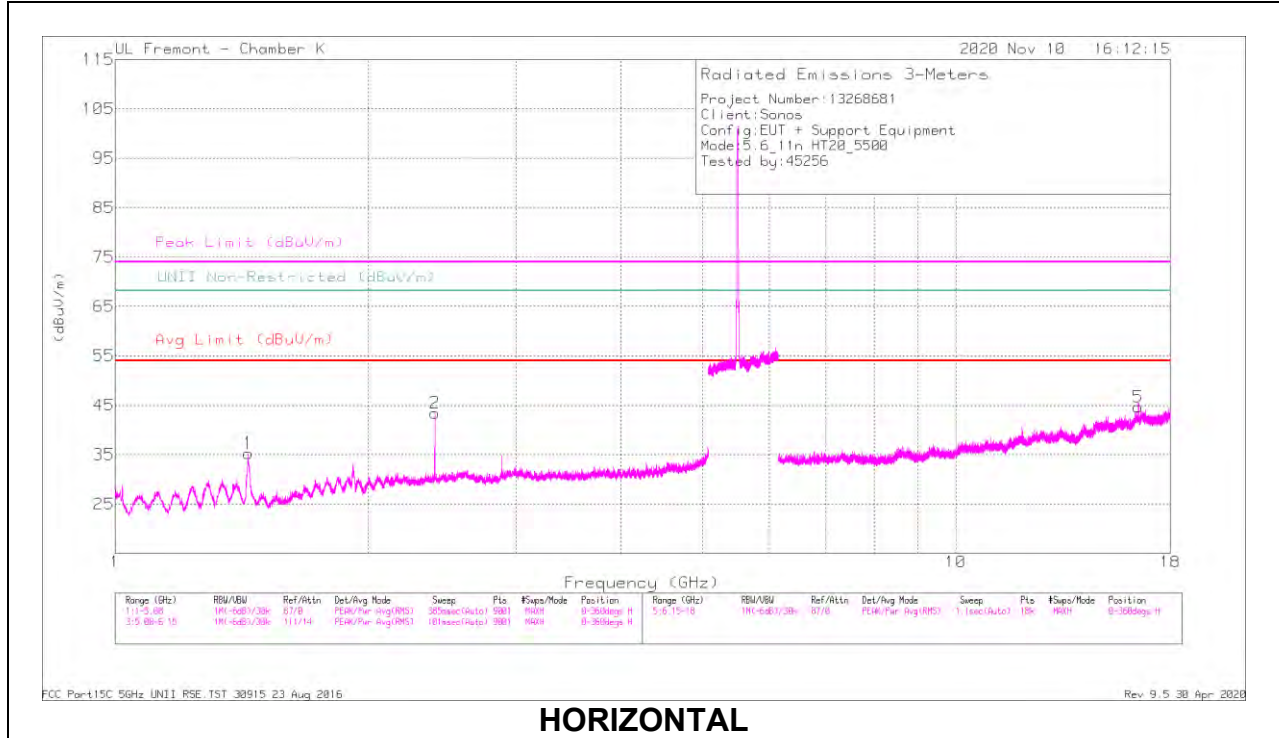
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.81	Pk	35.1	-6.8	66.11	68.2	-2.09	206	190	V
2	5.72503	38.66	Pk	35.1	-6.8	66.96	68.2	-1.24	206	190	V

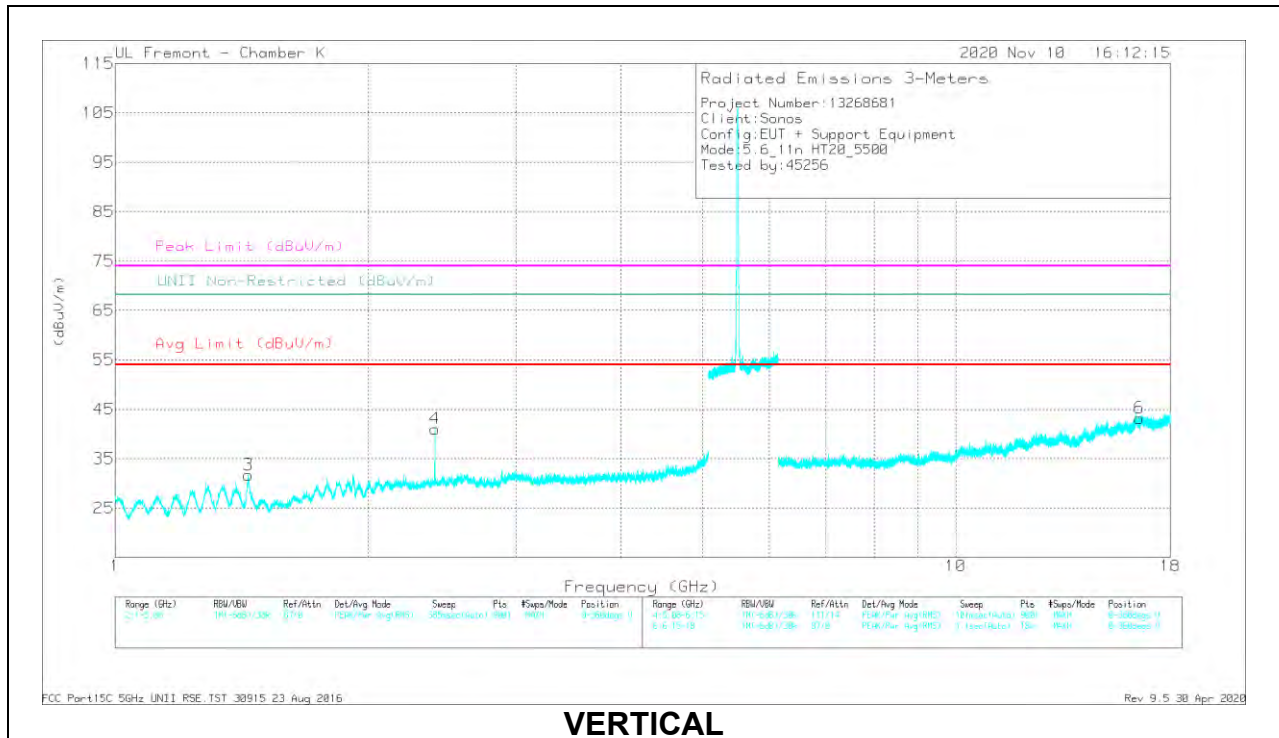
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

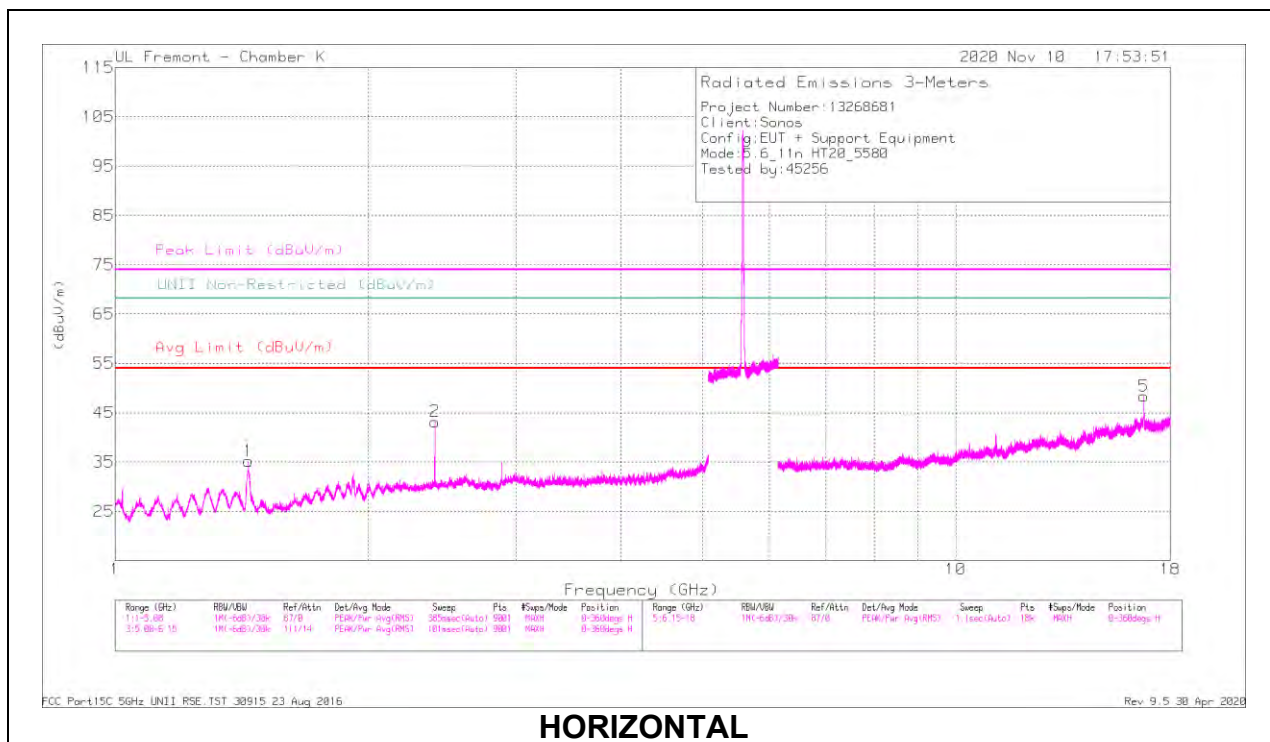
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43876	66.06	PK-U	28.4	-46.3	0	48.16	-	-	74	-25.84	-	-	58	314	H
	* 1.43845	52.26	ADR	28.4	-46.3	-18	34.54	54	-19.46	-	-	-	-	58	314	H
2	2.39998	60.68	PK-U	32.4	-45	0	48.08	-	-	-	-	68.2	-20.12	322	111	H
3	* 1.44063	55.23	PK-U	28.4	-46.3	0	37.33	-	-	74	-36.67	-	-	192	250	V
	* 1.43925	43.23	ADR	28.4	-46.3	-18	25.51	54	-28.49	-	-	-	-	192	250	V
4	2.40006	55.98	PK-U	32.4	-45	0	43.38	-	-	-	-	68.2	-24.82	313	249	V
5	16.48806	45.89	PK-U	42	-33.6	0	54.29	-	-	-	-	68.2	-13.91	326	107	H
6	16.53549	42.13	PK-U	42	-33.8	0	50.33	-	-	-	-	68.2	-17.87	221	157	V

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

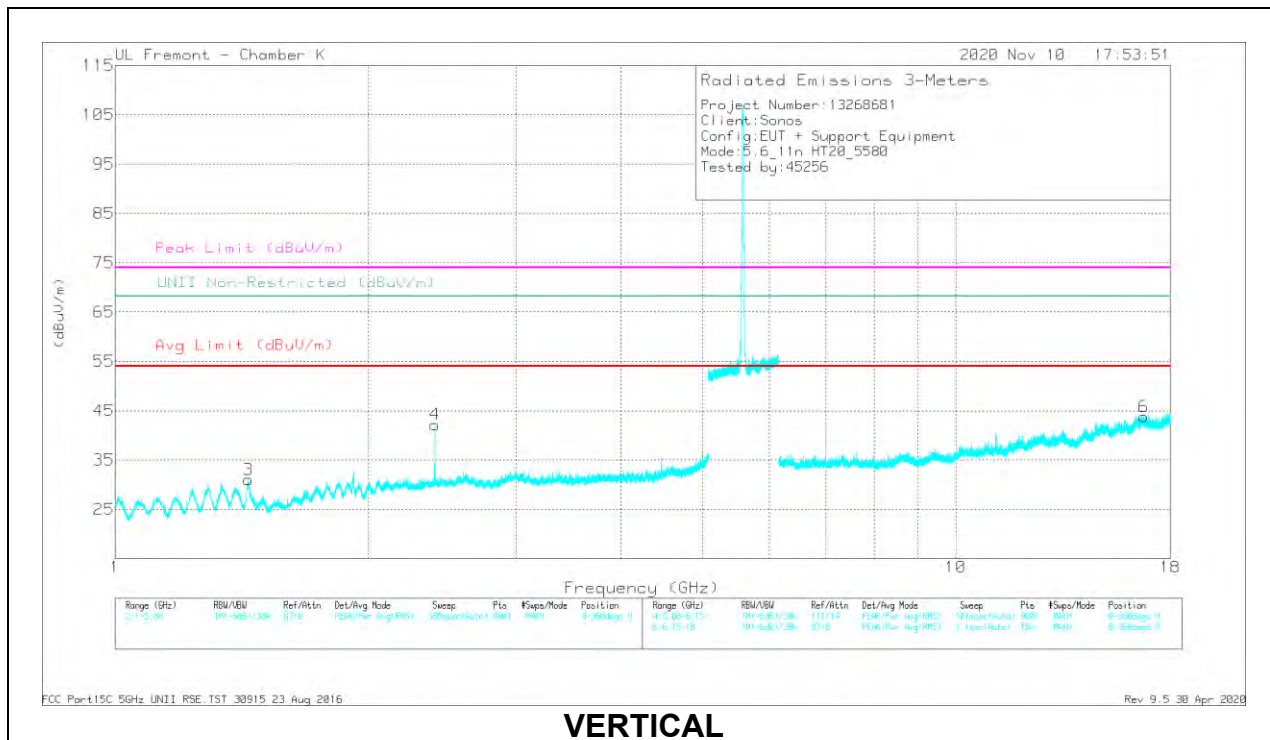
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



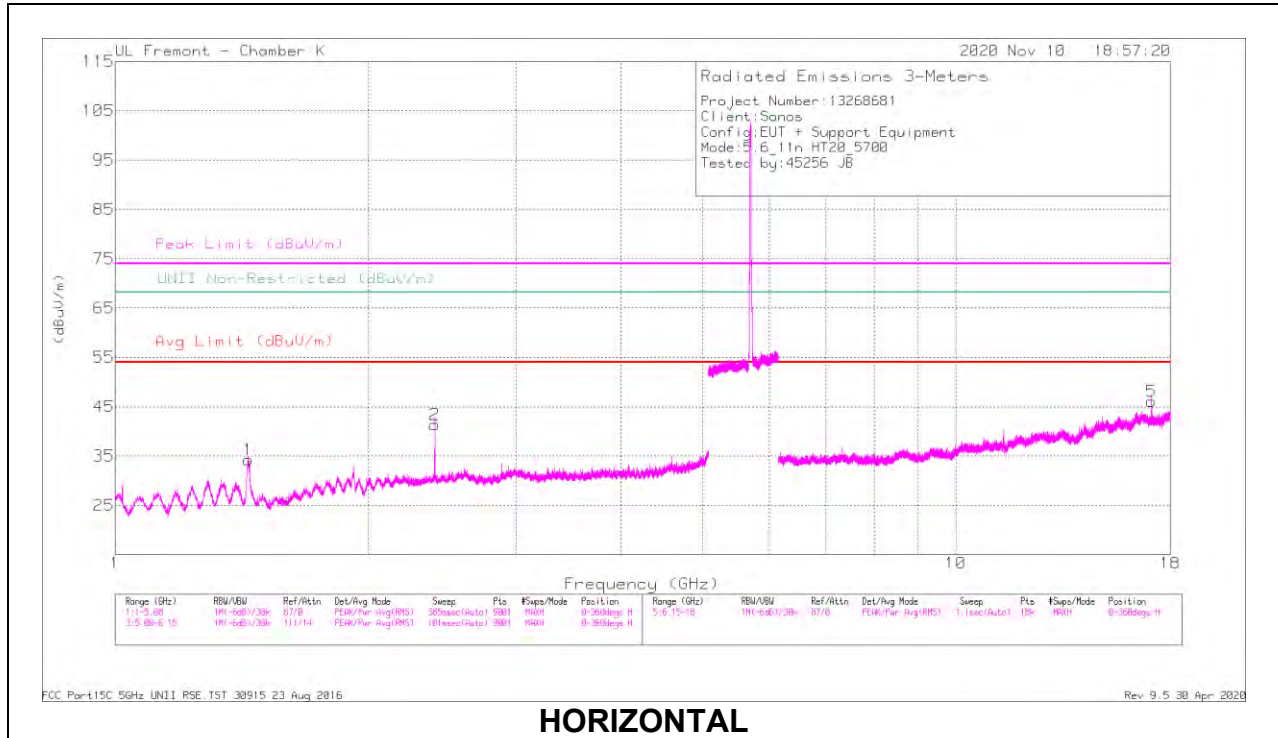
VERTICAL

RADIATED EMISSIONS

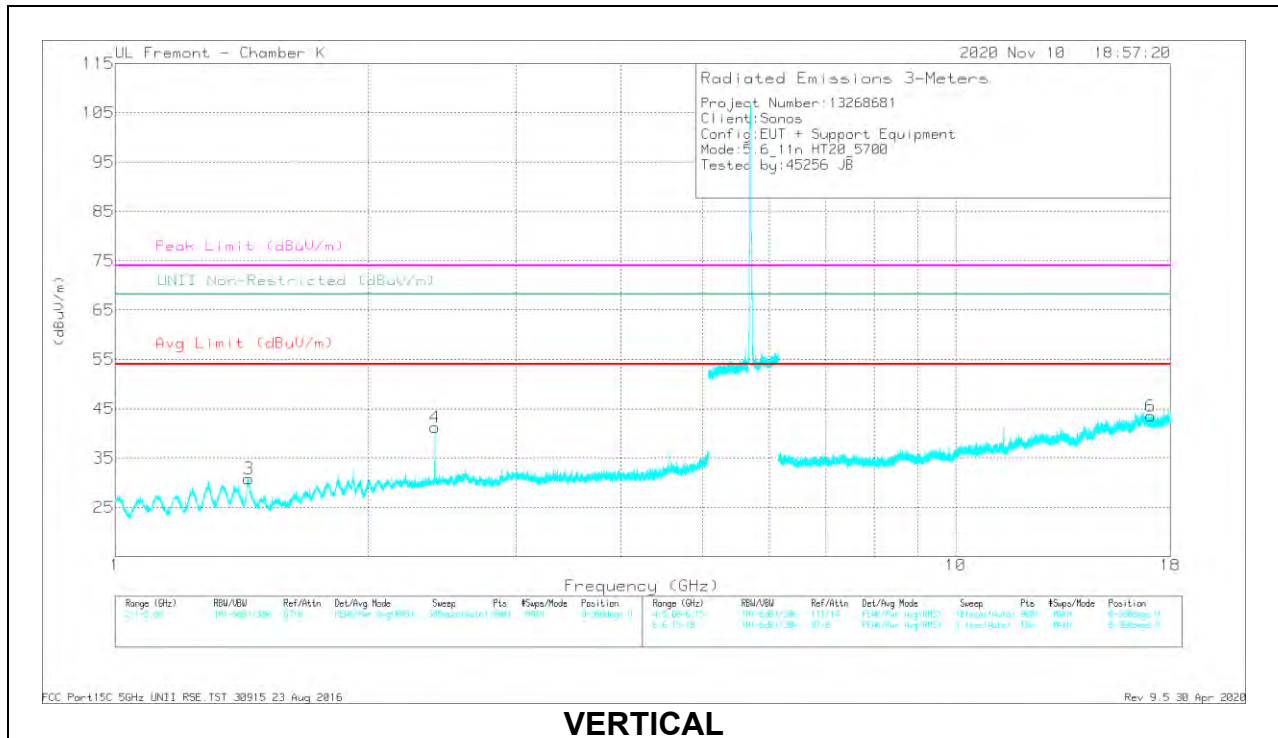
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43854	65.2	PK-U	28.4	-46.3	0	47.3	-	-	74	-26.7	-	-	80	195	H
	* 1.44128	48.97	ADR	28.4	-46.3	-18	31.25	54	-22.75	-	-	-	-	80	195	H
2	2.40002	60.55	PK-U	32.4	-45	0	47.95	-	-	-	-	68.2	-20.25	320	108	H
3	* 1.43892	60.07	PK-U	28.4	-46.3	0	42.17	-	-	74	-31.83	-	-	150	341	V
	* 1.44128	45.31	ADR	28.4	-46.3	-18	27.59	54	-26.41	-	-	-	-	150	341	V
4	2.3999	58.19	PK-U	32.4	-45	0	45.59	-	-	-	-	68.2	-22.61	314	101	V
5	16.74466	48.77	PK-U	42.3	-33.6	0	57.47	-	-	-	-	68.2	-10.73	327	97	H
6	16.74234	43.68	PK-U	42.3	-33.6	0	52.38	-	-	-	-	68.2	-15.82	277	200	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 T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43819	65.18	PK-U	28.4	-46.3	0	47.28	-	-	74	-26.72	-	-	78	196	H
	* 1.43822	51.73	ADR	28.4	-46.3	-18	34.01	54	-19.99	-	-	-	-	78	196	H
2	2.40003	59.43	PK-U	32.4	-45	0	46.83	-	-	-	-	68.2	-21.37	327	118	H
3	* 1.44131	61.04	PK-U	28.4	-46.3	0	43.14	-	-	74	-30.86	-	-	337	292	V
	* 1.44117	47.19	ADR	28.4	-46.3	-18	29.47	54	-24.53	-	-	-	-	337	292	V
4	2.40011	55.1	PK-U	32.4	-45	0	42.5	-	-	-	-	68.2	-25.7	313	266	V
5	17.09619	48.41	PK-U	41.6	-33.3	0	56.71	-	-	-	-	68.2	-11.49	325	99	H
6	17.05013	43.71	PK-U	41.8	-33.4	0	52.11	-	-	-	-	68.2	-16.09	174	395	V

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

PK-U - U-NII: Maximum Peak

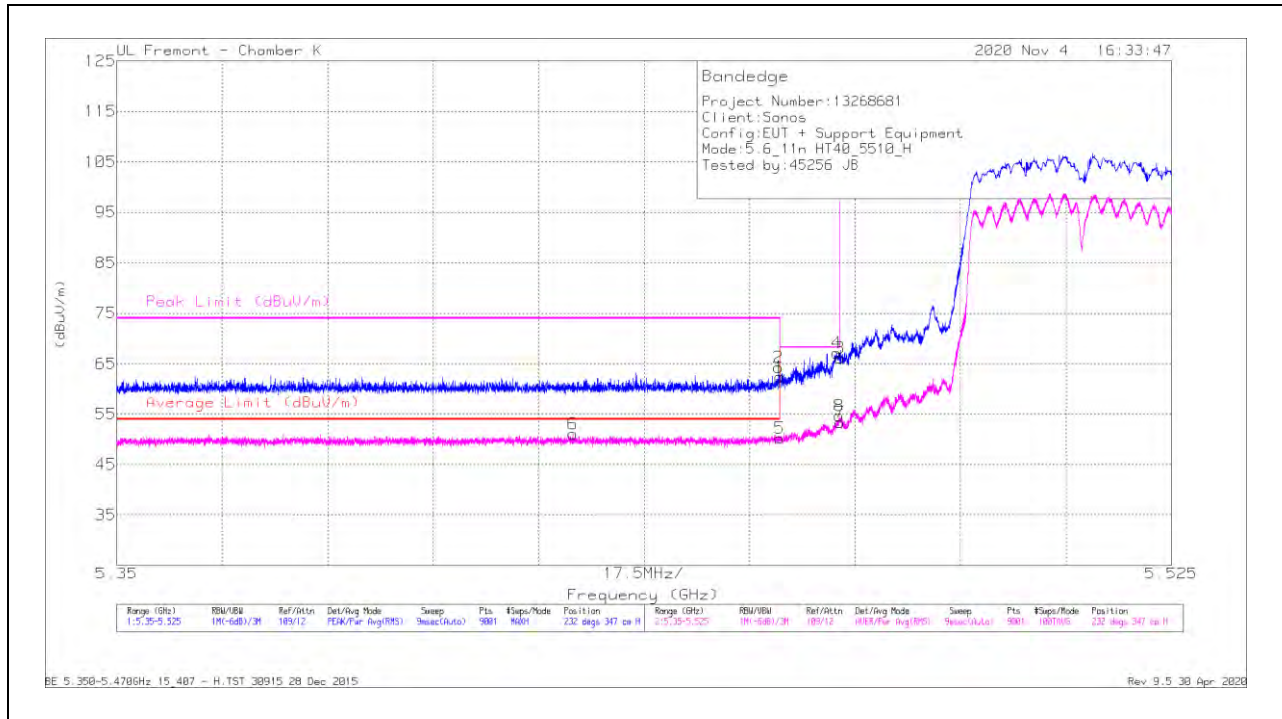
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

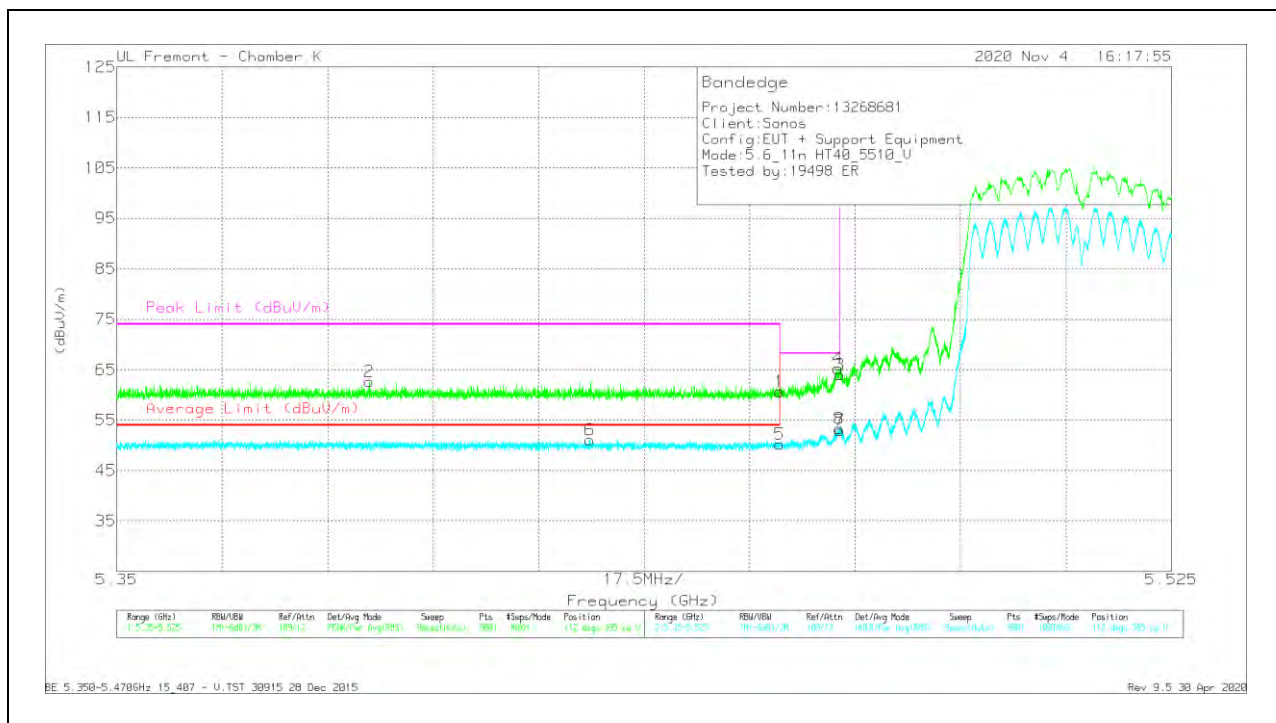
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	34.24	Pk	35.6	-7.4	0	62.44	-	-	74	-11.56	232	347	H
2	* 5.45978	36	Pk	35.6	-7.4	0	64.2	-	-	74	-9.8	232	347	H
3	5.46999	37.83	Pk	35.7	-7.4	0	66.13	-	-	68.2	-2.07	232	347	H
4	5.46948	38.77	Pk	35.7	-7.4	0	67.07	-	-	68.2	-1.13	232	347	H
5	* 5.45999	22.02	RMS	35.6	-7.4	.34	50.56	54	-3.44	-	-	232	347	H
6	* 5.4257	23	RMS	35.5	-7.4	.34	51.44	54	-2.56	-	-	232	347	H
7	5.46999	25.05	RMS	35.7	-7.4	.34	53.69	-	-	-	-	232	347	H
8	5.46985	26.4	RMS	35.7	-7.4	.34	55.04	-	-	-	-	232	347	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



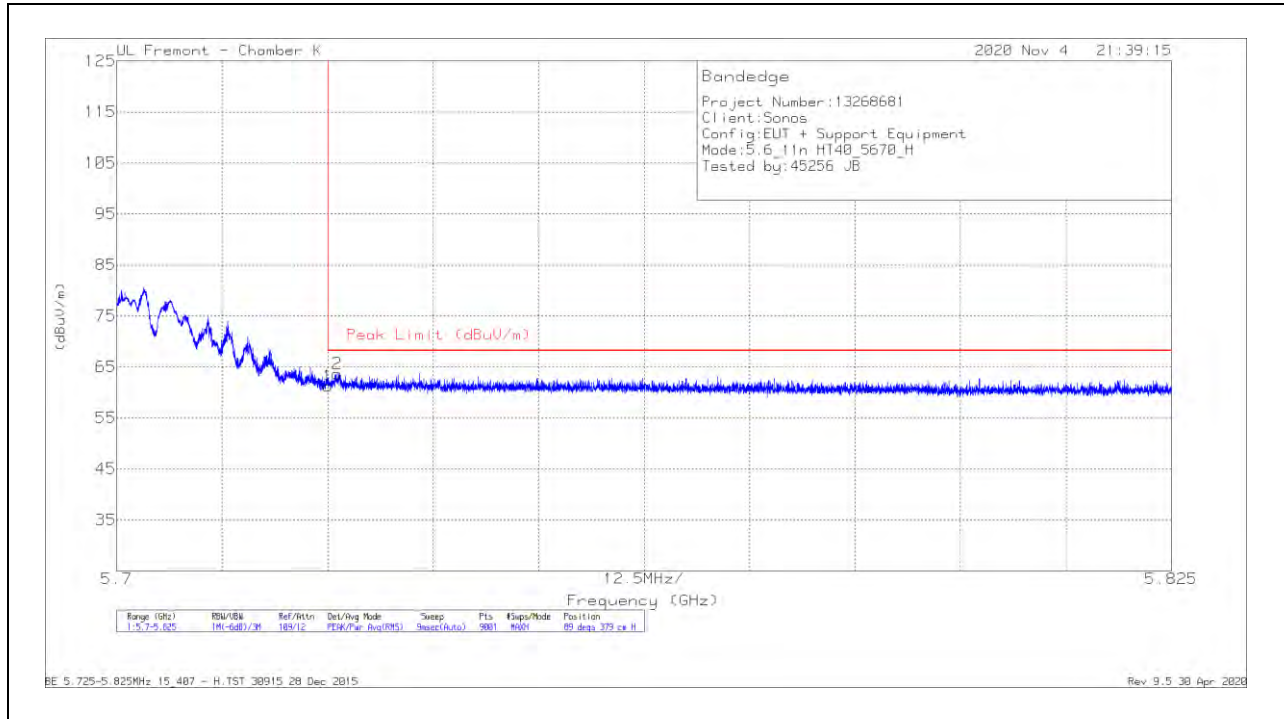
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 5.45999	32.51	Pk	35.6	-7.4	0	60.71	-	-	74	-13.29	112	395	V
2	* 5.39194	34.68	Pk	35.3	-7.3	0	62.68	-	-	74	-11.32	112	395	V
3	5.46999	35.69	Pk	35.7	-7.4	0	63.99	-	-	68.2	-4.21	112	395	V
4	5.46964	36.92	Pk	35.7	-7.4	0	65.22	-	-	68.2	-2.98	112	395	V
5	* 5.45999	21.67	RMS	35.6	-7.4	.34	50.21	54	-3.79	-	-	112	395	V
6	* 5.42846	22.56	RMS	35.5	-7.3	.34	51.1	54	-2.9	-	-	112	395	V
7	5.46999	24.36	RMS	35.7	-7.4	.34	53	-	-	-	-	112	395	V
8	5.46991	24.68	RMS	35.7	-7.4	.34	53.32	-	-	-	-	112	395	V

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

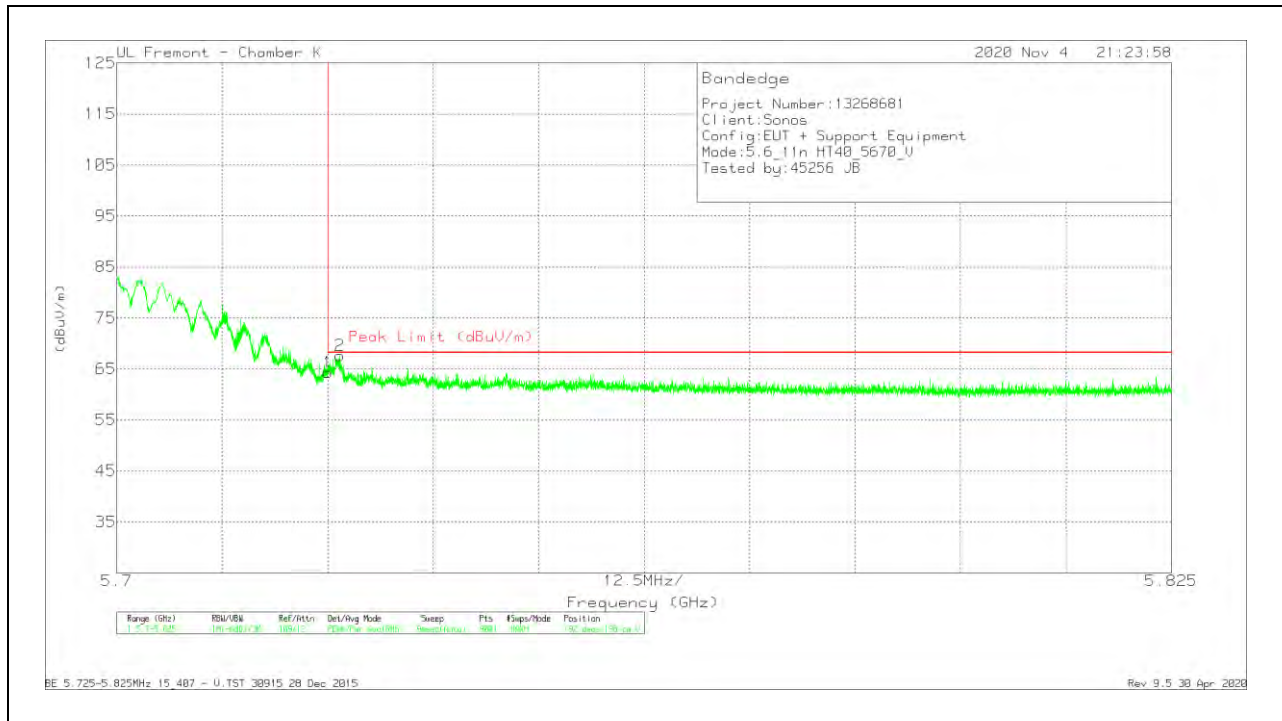


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	32.98	Pk	35.1	-6.8	61.28	68.2	-6.92	89	379	H
2	5.72614	35.43	Pk	35.1	-6.8	63.73	68.2	-4.47	89	379	H

Pk - Peak detector

VERTICAL RESULT



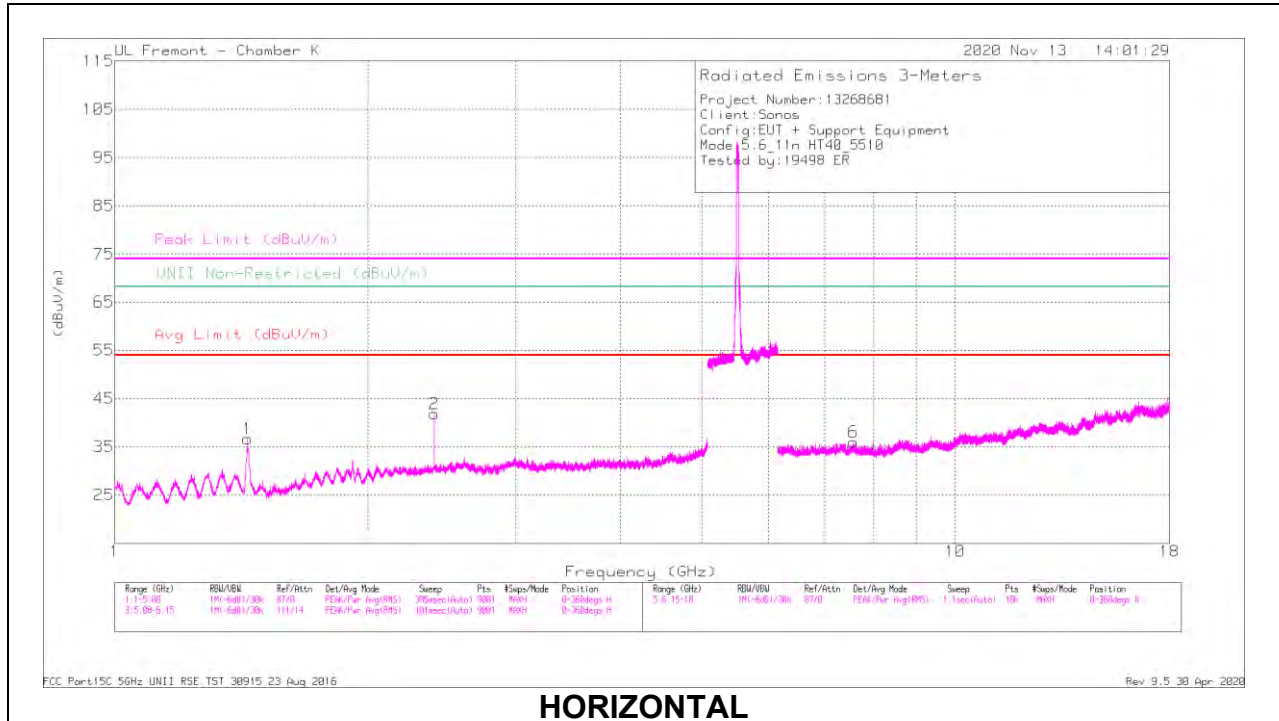
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.05	Pk	35.1	-6.8	64.35	68.2	-3.85	192	198	V
2	5.72647	39.37	Pk	35.1	-6.8	67.67	68.2	-.53	192	198	V

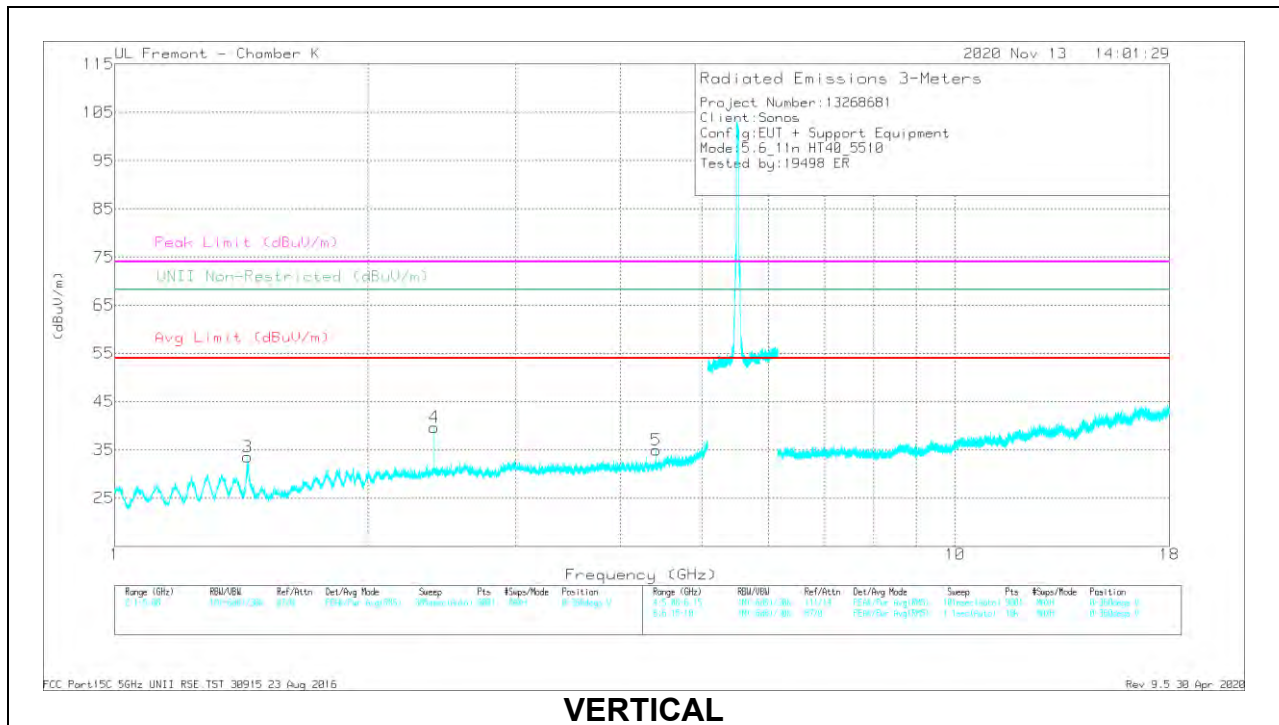
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

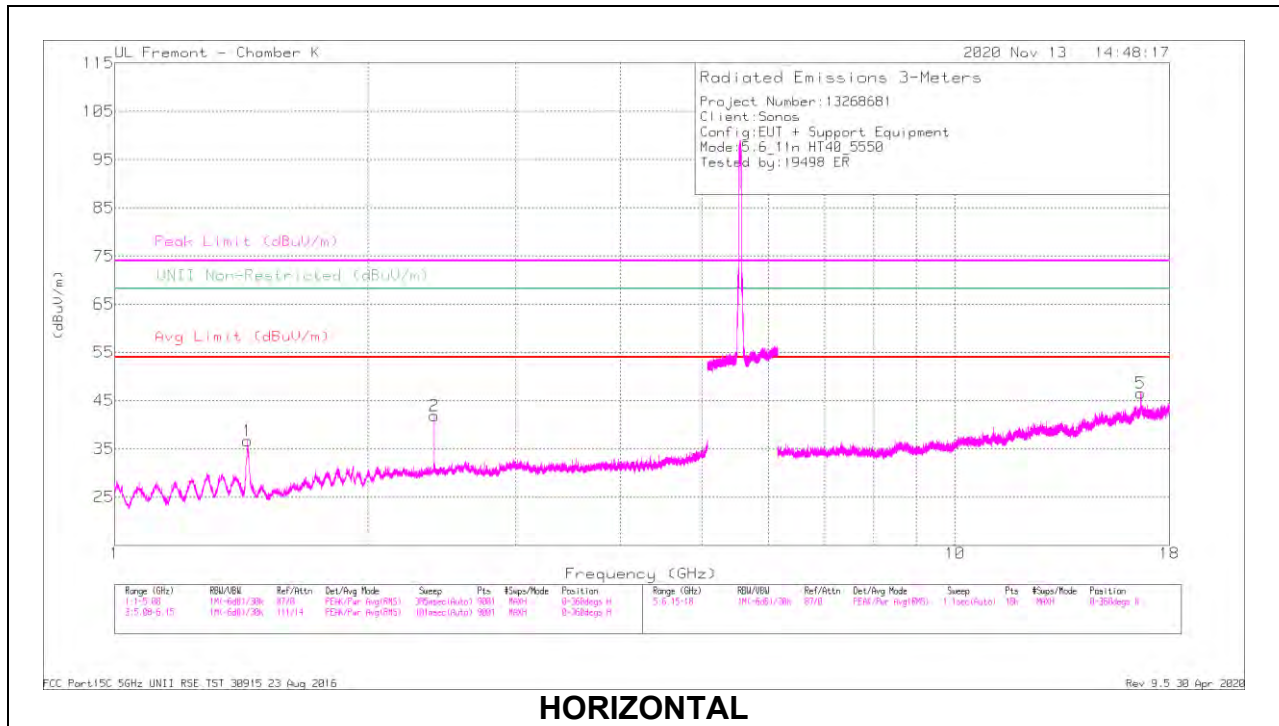
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43897	72.52	PK-U	28.4	-46.3	0	54.62	-	-	74	-19.38	-	-	61	197	H
	* 1.43972	53.36	ADR	28.4	-46.3	.34	35.8	54	-18.2	-	-	-	-	61	197	H
2	2.40009	60.5	PK-U	32.4	-45	0	47.9	-	-	-	-	68.2	-20.3	278	368	H
3	* 1.44159	68.2	PK-U	28.4	-46.3	0	50.3	-	-	74	-23.7	-	-	298	288	V
	* 1.44009	49.74	ADR	28.4	-46.3	.34	32.18	54	-21.82	-	-	-	-	298	288	V
4	2.40014	58.16	PK-U	32.4	-45	0	45.56	-	-	-	-	68.2	-22.64	347	384	V
5	4.40786	50.72	PK-U	33.9	-41.4	0	43.22	-	-	-	-	68.2	-24.98	203	336	V
6	* 7.5735	46.79	PK-U	36.1	-37.7	0	45.19	-	-	74	-28.81	-	-	110	251	H
	* 7.5739	35.02	ADR	36.1	-37.7	.34	33.76	54	-20.24	-	-	-	-	110	251	H

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

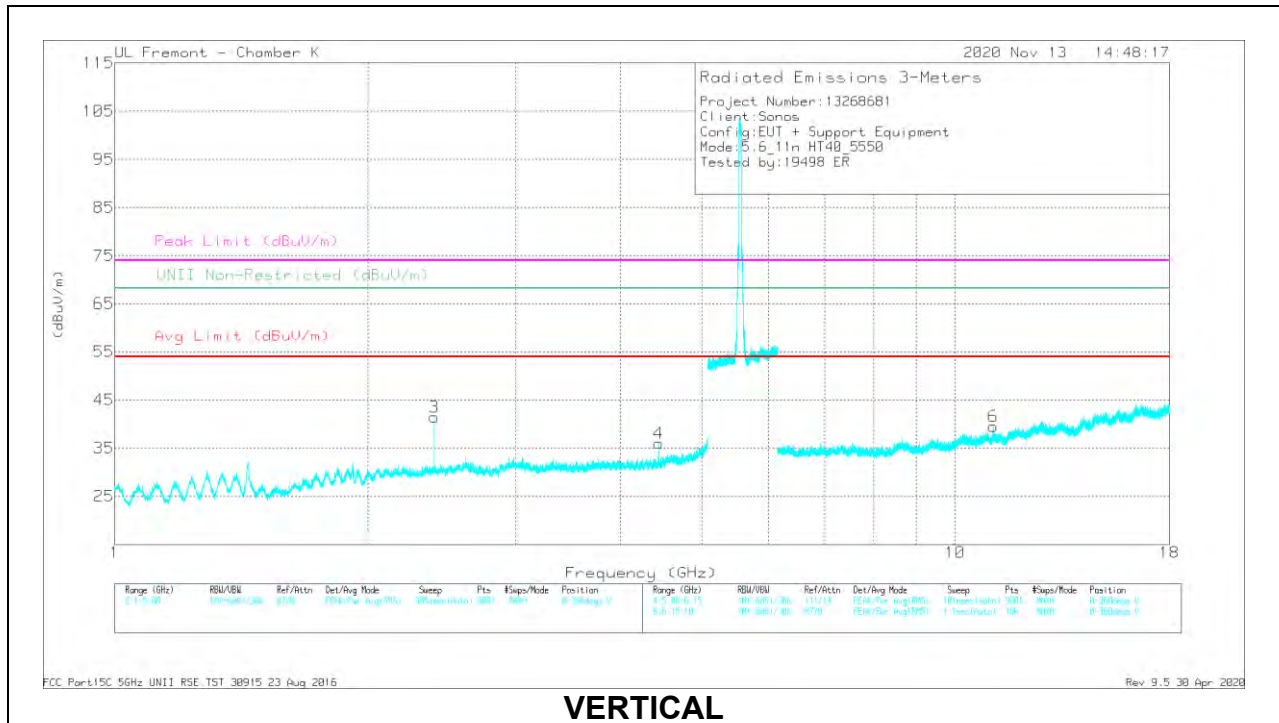
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

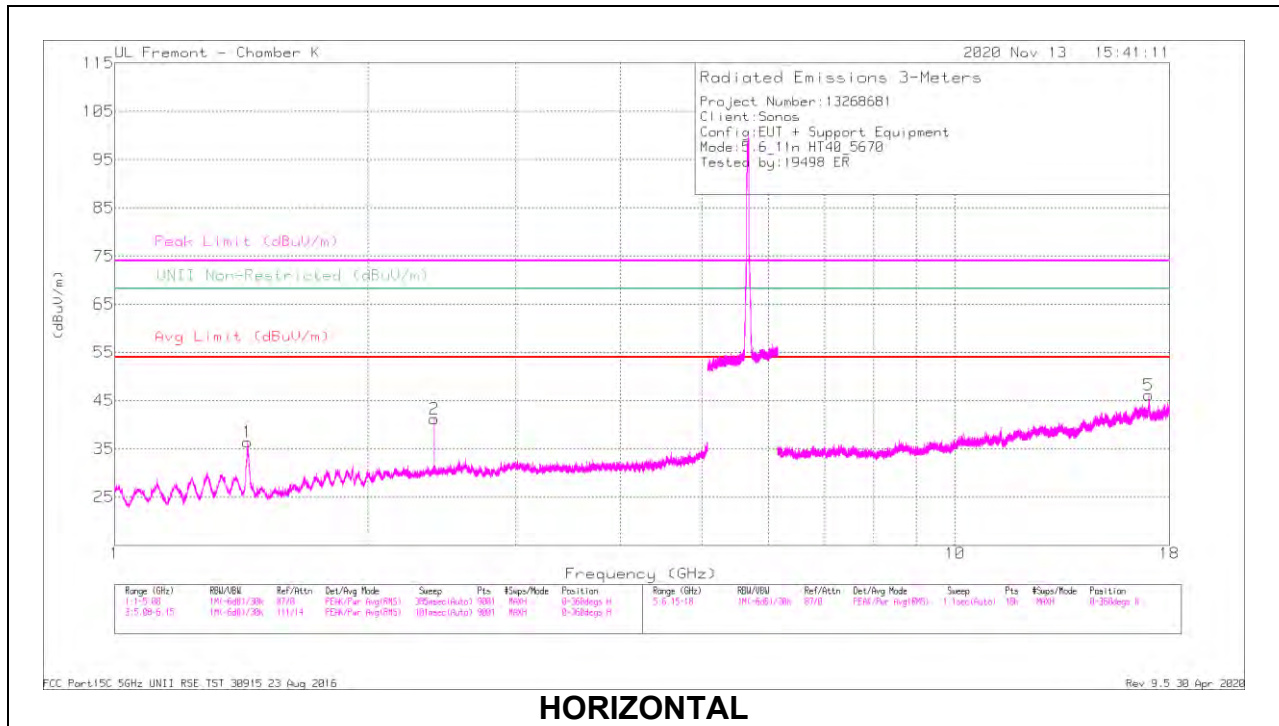
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44159	70.05	PK-U	28.4	-46.3	0	52.15	-	-	74	-21.85	-	-	50	197	H
	* 1.44009	51.08	ADR	28.4	-46.3	-34	33.52	54	-20.48	-	-	-	-	50	197	H
2	2.40005	60.55	PK-U	32.4	-45	0	47.95	-	-	-	-	68.2	-20.25	276	369	H
3	2.39983	57.97	PK-U	32.4	-45	0	45.37	-	-	-	-	68.2	-22.83	345	383	V
4	4.43998	50.14	PK-U	33.9	-41.4	0	42.64	-	-	-	-	68.2	-25.56	204	273	V
5	16.63799	47.14	PK-U	42.3	-33.4	0	56.04	-	-	-	-	68.2	-12.16	335	194	H
6	* 11.0964	47.71	PK-U	37.8	-37	0	48.51	-	-	74	-25.49	-	-	335	170	V
	* 11.09879	36.63	ADR	37.8	-37.1	-34	37.67	54	-16.33	-	-	-	-	335	170	V

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

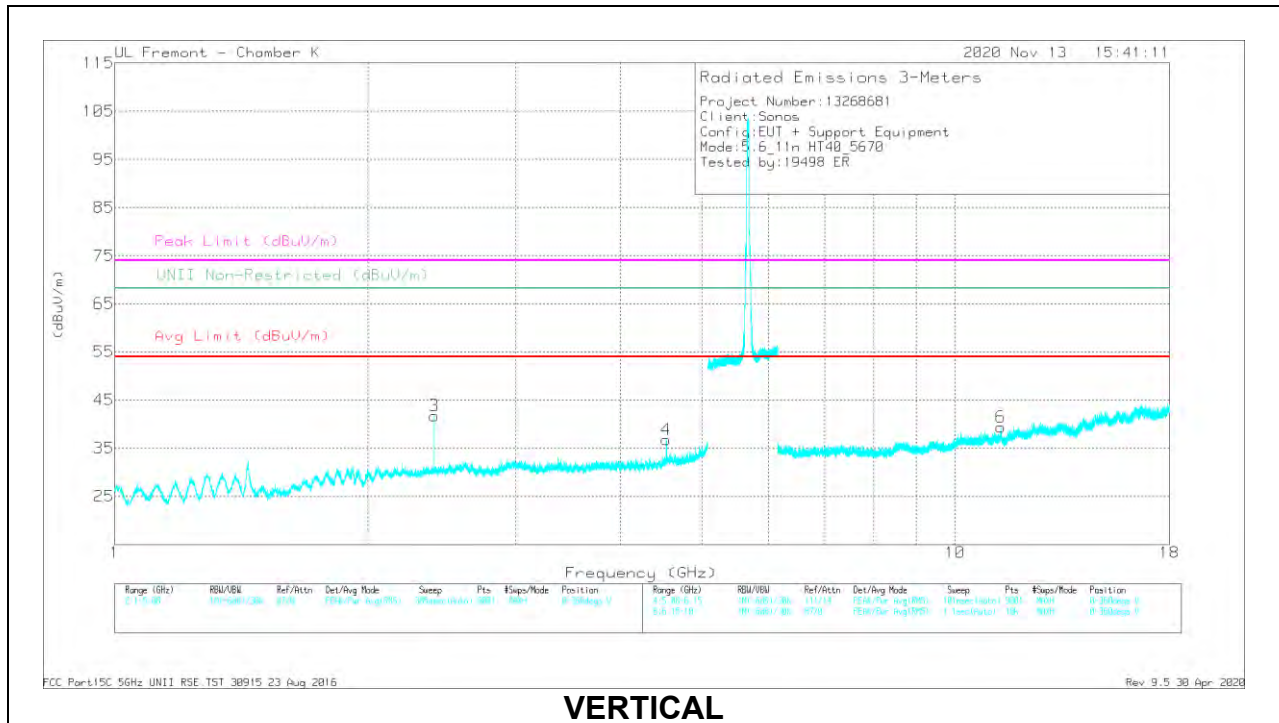
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44084	72.54	PK-U	28.4	-46.3	0	54.64	-	-	74	-19.36	-	-	101	198	H
	* 1.43897	52.92	ADR	28.4	-46.3	.34	35.36	54	-18.64	-	-	-	-	101	198	H
2	2.40007	59.41	PK-U	32.4	-45	0	46.81	-	-	-	-	68.2	-21.39	347	119	H
3	2.39998	59.49	PK-U	32.4	-45	0	46.89	-	-	-	-	68.2	-21.31	207	286	V
4	* 4.53595	50.77	PK-U	34.2	-41.3	0	43.67	-	-	74	-30.33	-	-	207	260	V
	* 4.53604	40.9	ADR	34.2	-41.3	.34	34.14	54	-19.86	-	-	-	-	207	260	V
5	16.99721	46.74	PK-U	41.9	-33.6	0	55.04	-	-	-	-	68.2	-13.16	339	199	H
6	* 11.33883	47.87	PK-U	38	-36.1	0	49.77	-	-	74	-24.23	-	-	42	186	V
	* 11.33905	35.93	ADR	38	-36.1	.34	38.17	54	-15.83	-	-	-	-	42	186	V

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

PK-U - U-NII: Maximum Peak

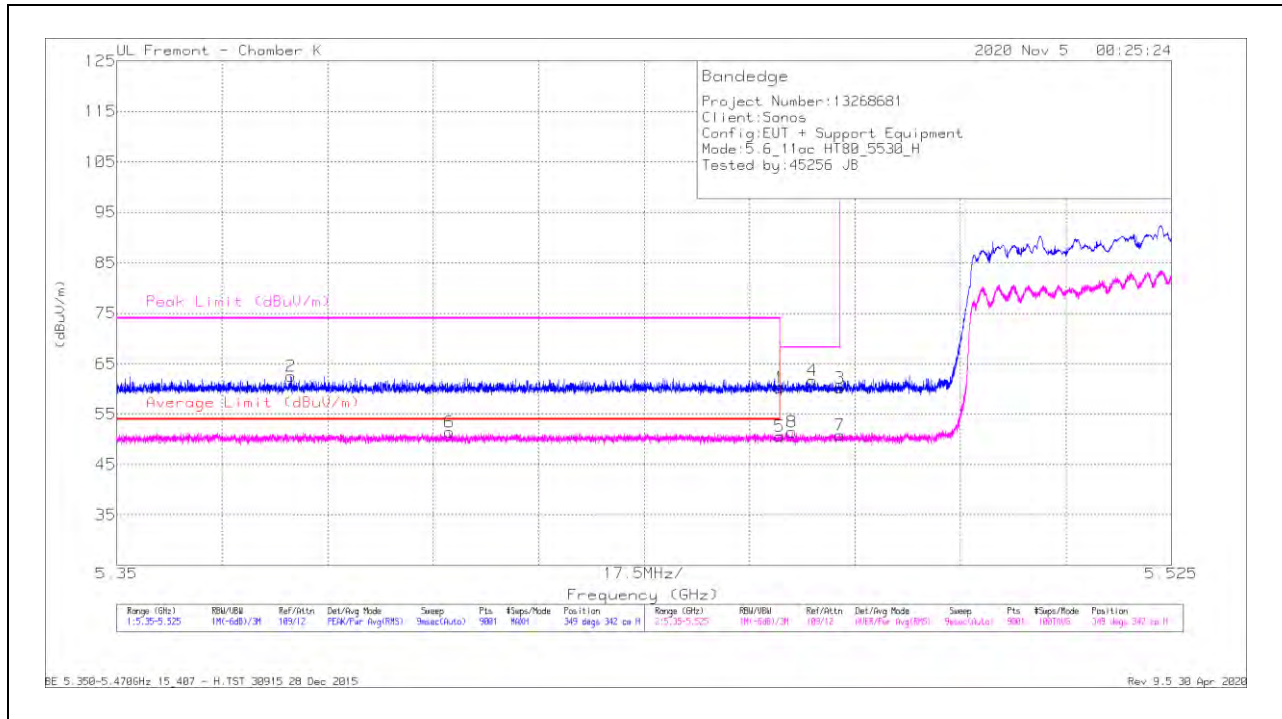
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

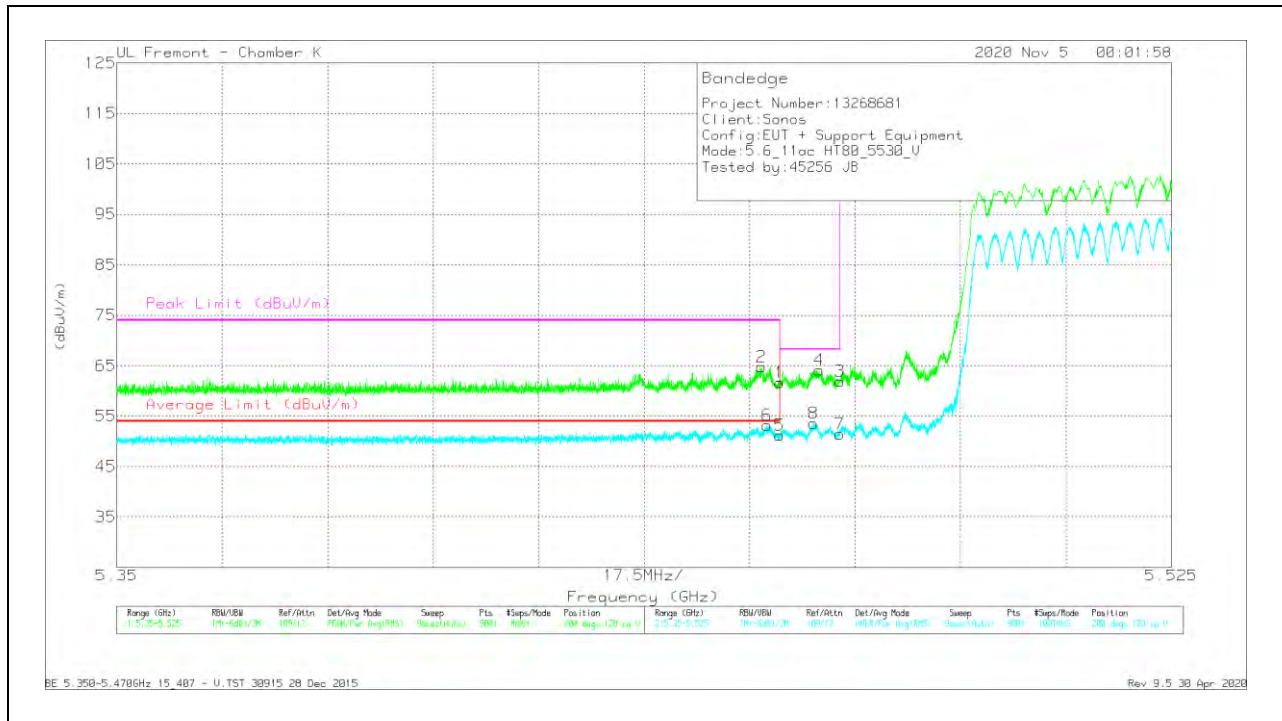
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	32.02	Pk	35.6	-7.4	0	60.22	-	-	74	-13.78	349	342	H
2	* 5.37895	34.38	Pk	35.3	-7.2	0	62.48	-	-	74	-11.52	349	342	H
3	5.46999	31.86	Pk	35.7	-7.4	0	60.16	-	-	68.2	-8.04	349	342	H
4	5.46544	33.39	Pk	35.6	-7.4	0	61.59	-	-	68.2	-6.61	349	342	H
5	* 5.45999	21.69	RMS	35.6	-7.4	.66	50.55	54	-3.45	-	-	349	342	H
6	* 5.40526	22.79	RMS	35.4	-7.4	.66	51.45	54	-2.55	-	-	349	342	H
7	5.46999	21.84	RMS	35.7	-7.4	.66	50.8	-	-	-	-	349	342	H
8	5.46204	22.54	RMS	35.6	-7.4	.66	51.4	-	-	-	-	349	342	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (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	* 5.45999	33.45	Pk	35.6	-7.4	0	61.65	-	-	74	-12.35	200	128	V
2	* 5.45702	36.49	Pk	35.7	-7.4	0	64.79	-	-	74	-9.21	200	128	V
3	5.46999	33.64	Pk	35.7	-7.4	0	61.94	-	-	68.2	-6.26	200	128	V
4	5.46655	35.9	Pk	35.6	-7.4	0	64.1	-	-	68.2	-4.1	200	128	V
5	* 5.45999	22.3	RMS	35.6	-7.4	.66	51.16	54	-2.84	-	-	200	128	V
6	* 5.45793	24.25	RMS	35.7	-7.4	.66	53.21	54	-7.9	-	-	200	128	V
7	5.46999	22.45	RMS	35.7	-7.4	.66	51.41	-	-	-	-	200	128	V
8	5.46561	24.71	RMS	35.6	-7.4	.66	53.57	-	-	-	-	200	128	V

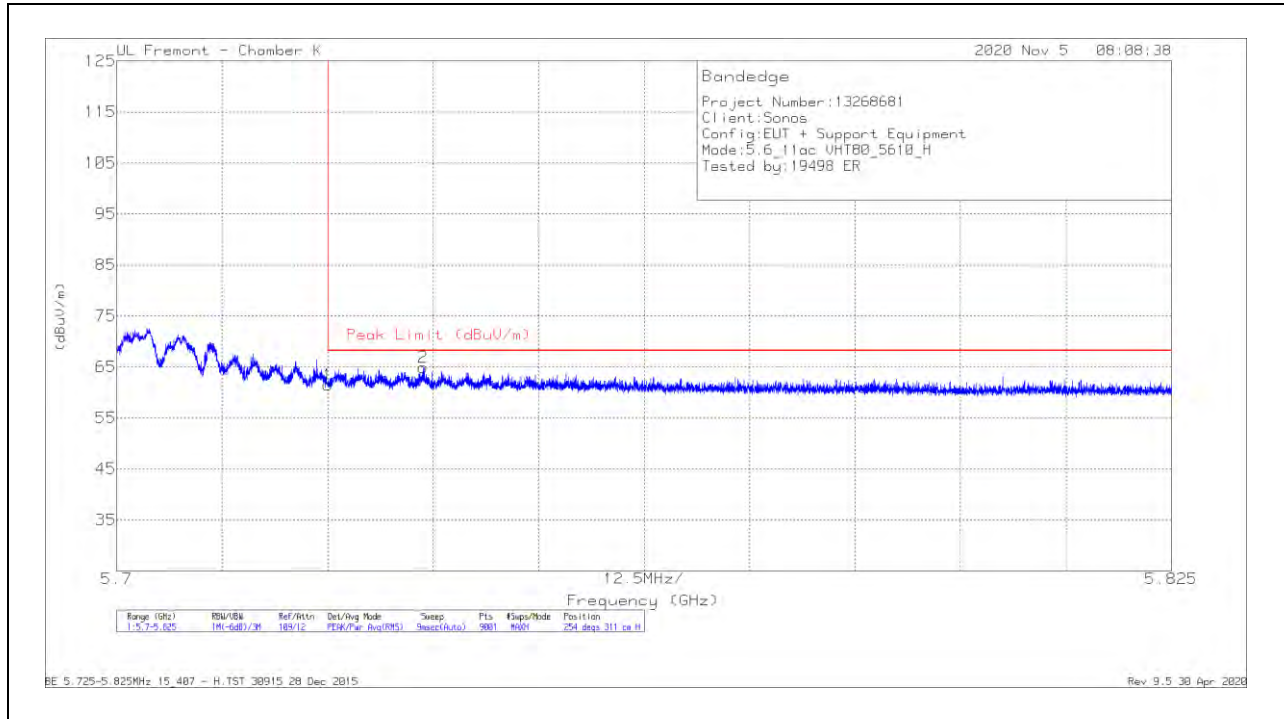
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

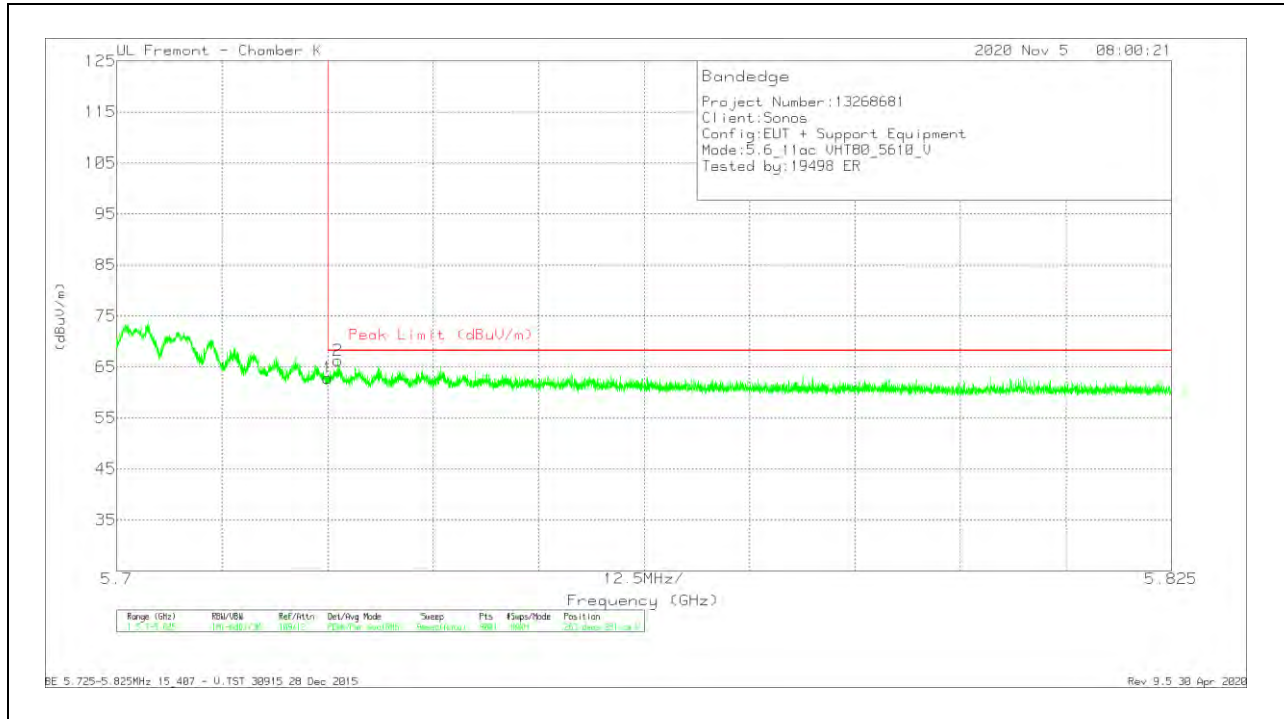


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.16	Pk	35.1	-6.8	61.46	68.2	-6.74	254	311	H
2	5.73629	36.67	Pk	35.1	-6.8	64.97	68.2	-3.23	254	311	H

Pk - Peak detector

VERTICAL RESULT



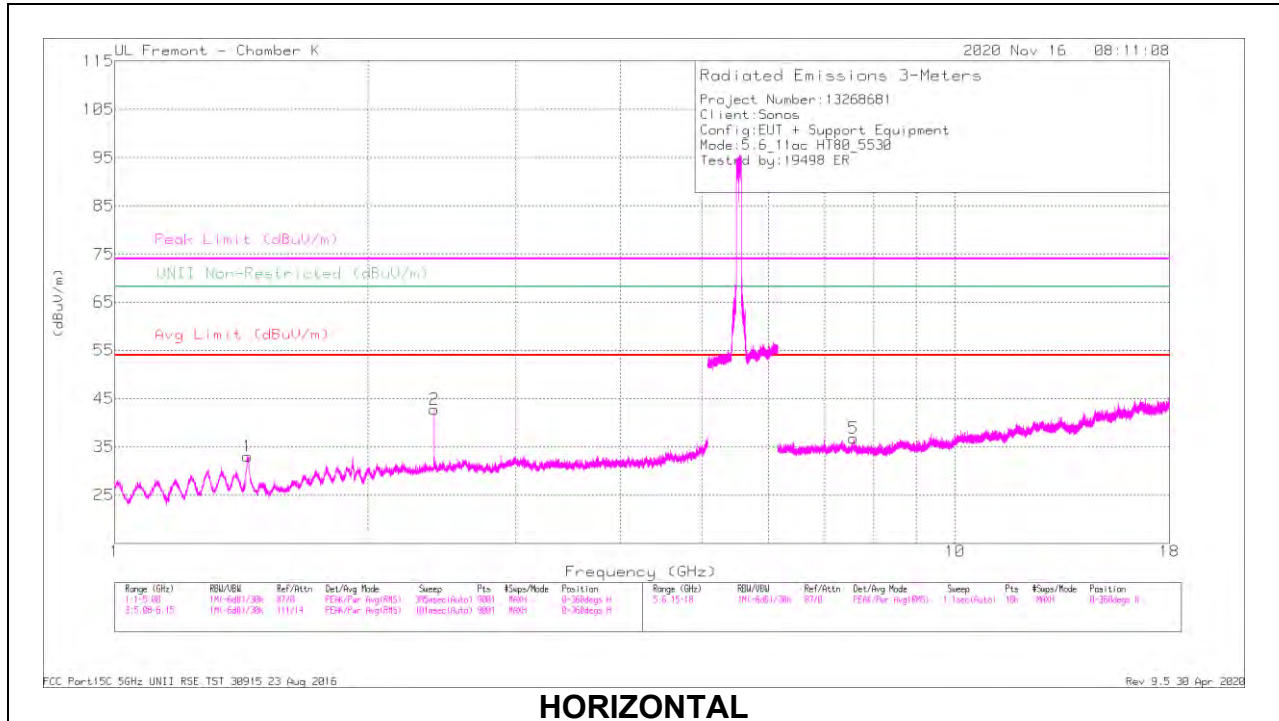
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.52	Pk	35.1	-6.8	62.82	68.2	-5.38	263	281	V
2	5.72622	38	Pk	35.1	-6.8	66.3	68.2	-1.9	263	281	V

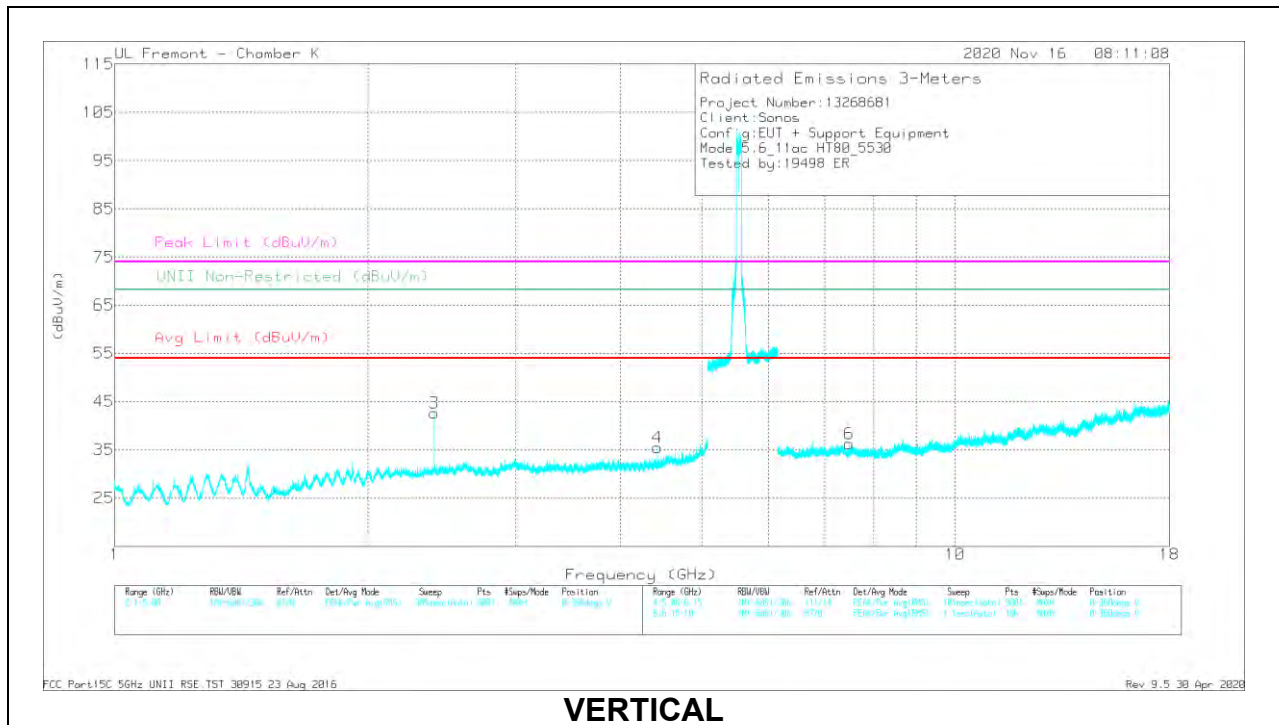
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

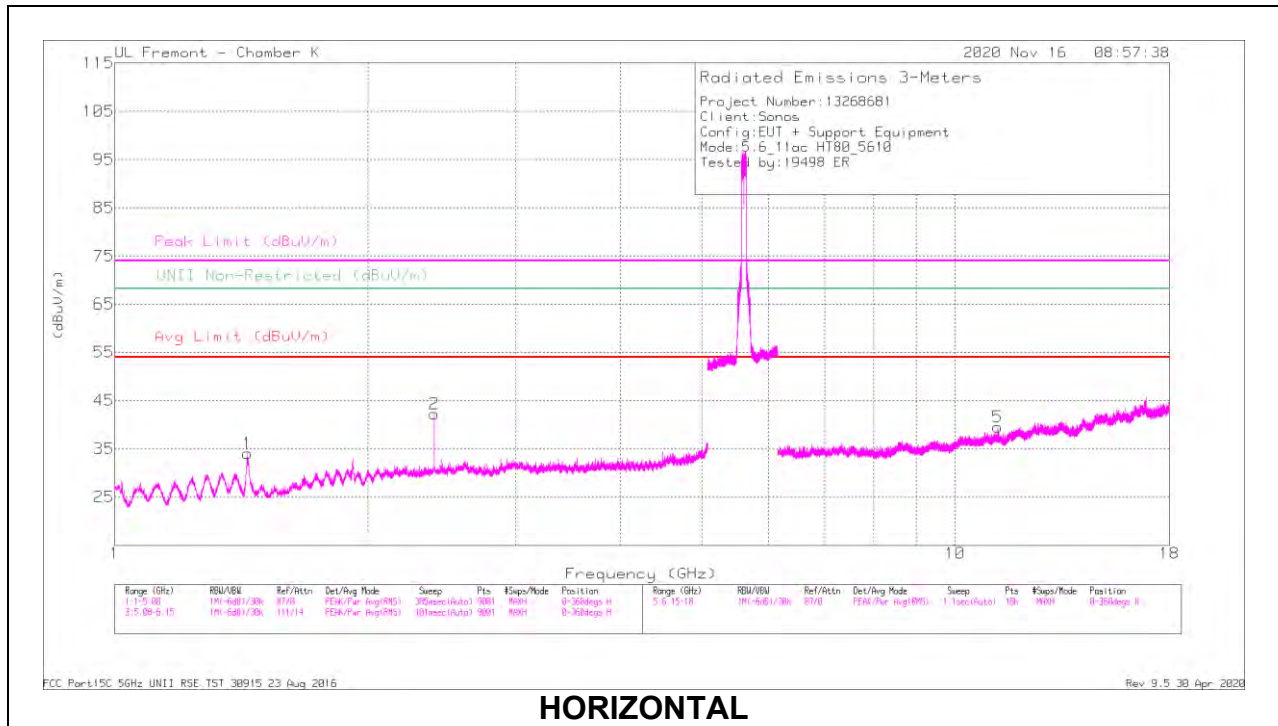
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43822	63.57	PK-U	28.4	-46.3	0	45.67	-	-	74	-28.33	-	-	308	324	H
	* 1.43972	50.1	ADR	28.4	-46.3	66	32.86	54	-21.14	-	-	-	-	308	324	H
2	2.40002	59.73	PK-U	32.4	-45	0	47.13	-	-	-	-	68.2	-21.07	174	133	H
3	2.40009	59.96	PK-U	32.4	-45	0	47.36	-	-	-	-	68.2	-20.84	316	229	V
4	4.42393	50.71	PK-U	33.9	-41.4	0	43.21	-	-	-	-	68.2	-24.99	134	221	V
5	* 7.57359	46.47	PK-U	36.1	-37.7	0	44.87	-	-	74	-29.13	-	-	60	250	H
	* 7.58198	35.34	ADR	36	-37.8	66	34.2	54	-19.8	-	-	-	-	60	250	H
6	* 7.49531	46.64	PK-U	36.1	-38	0	44.74	-	-	74	-29.26	-	-	247	271	V
	* 7.4678	35.4	ADR	36	-38.5	66	33.56	54	-20.44	-	-	-	-	247	271	V

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

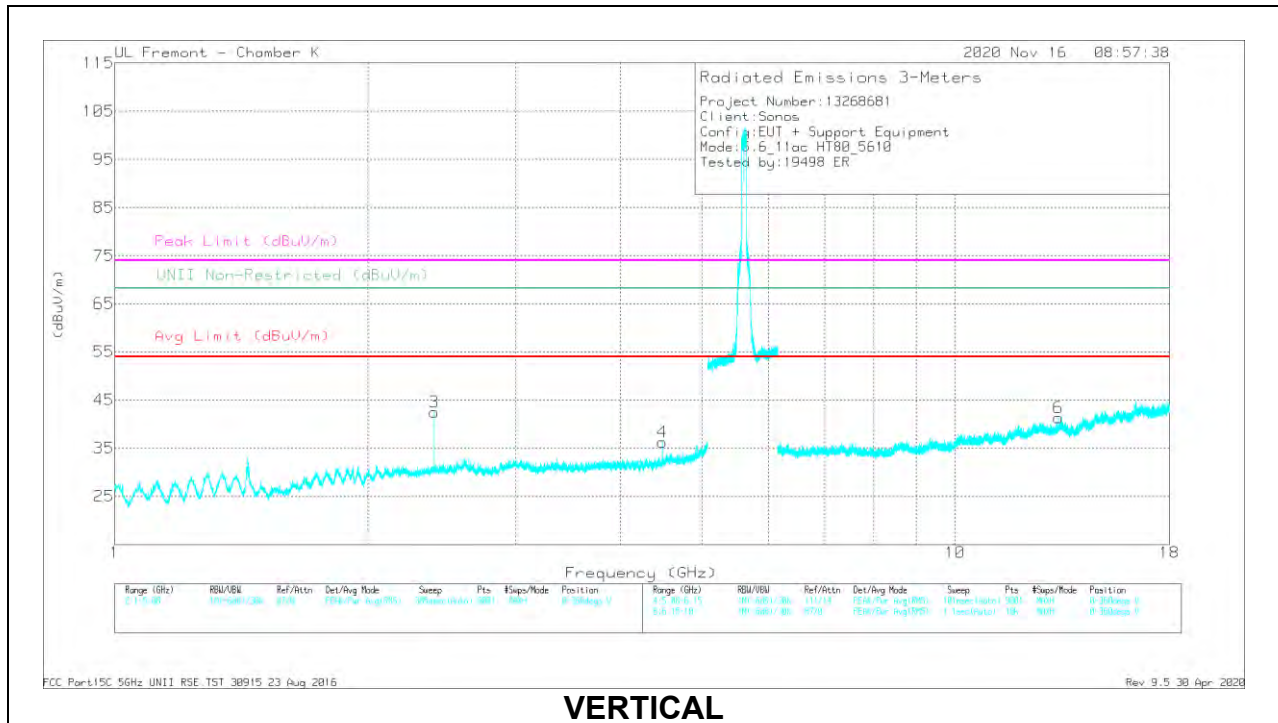
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43934	71.15	PK-U	28.4	-46.3	0	53.25	-	-	74	-20.75	-	-	201	300	H
	* 1.43972	50.62	ADR	28.4	-46.3	66	33.38	54	-20.62	-	-	-	-	201	300	H
2	2.40012	59.12	PK-U	32.4	-45	0	46.52	-	-	-	-	68.2	-21.68	177	199	H
3	2.40011	59.3	PK-U	32.4	-45	0	46.7	-	-	-	-	68.2	-21.5	315	224	V
4	4.48808	49.86	PK-U	34.1	-41.3	0	42.66	-	-	-	-	68.2	-25.54	143	260	V
5	* 11.24732	49.27	PK-U	37.9	-36.9	0	50.27	-	-	74	-23.73	-	-	101	202	H
	* 11.24634	36	ADR	37.9	-36.9	66	37.66	54	-16.34	-	-	-	-	101	202	H
6	* 13.27724	44.51	PK-U	39.6	-35.3	0	48.81	-	-	74	-25.19	-	-	290	146	V
	* 13.27832	33.19	ADR	39.6	-35.3	66	38.15	54	-15.85	-	-	-	-	290	146	V

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

PK-U - U-NII: Maximum Peak

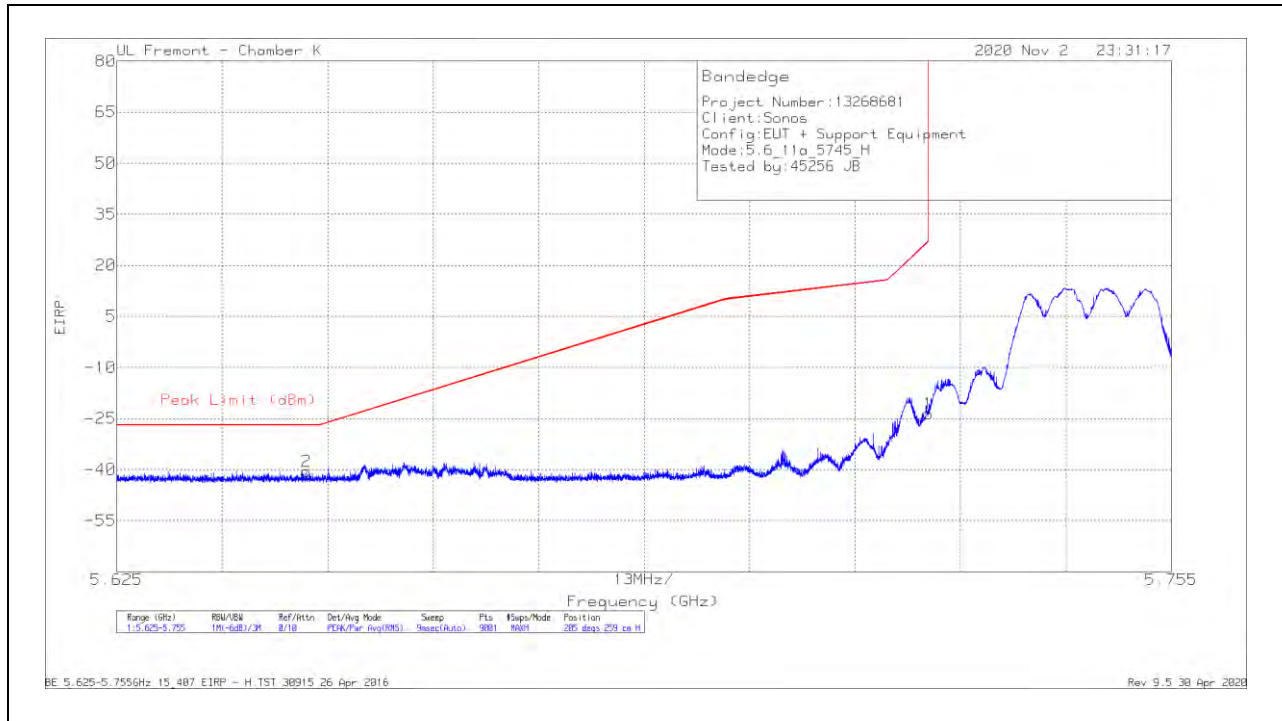
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

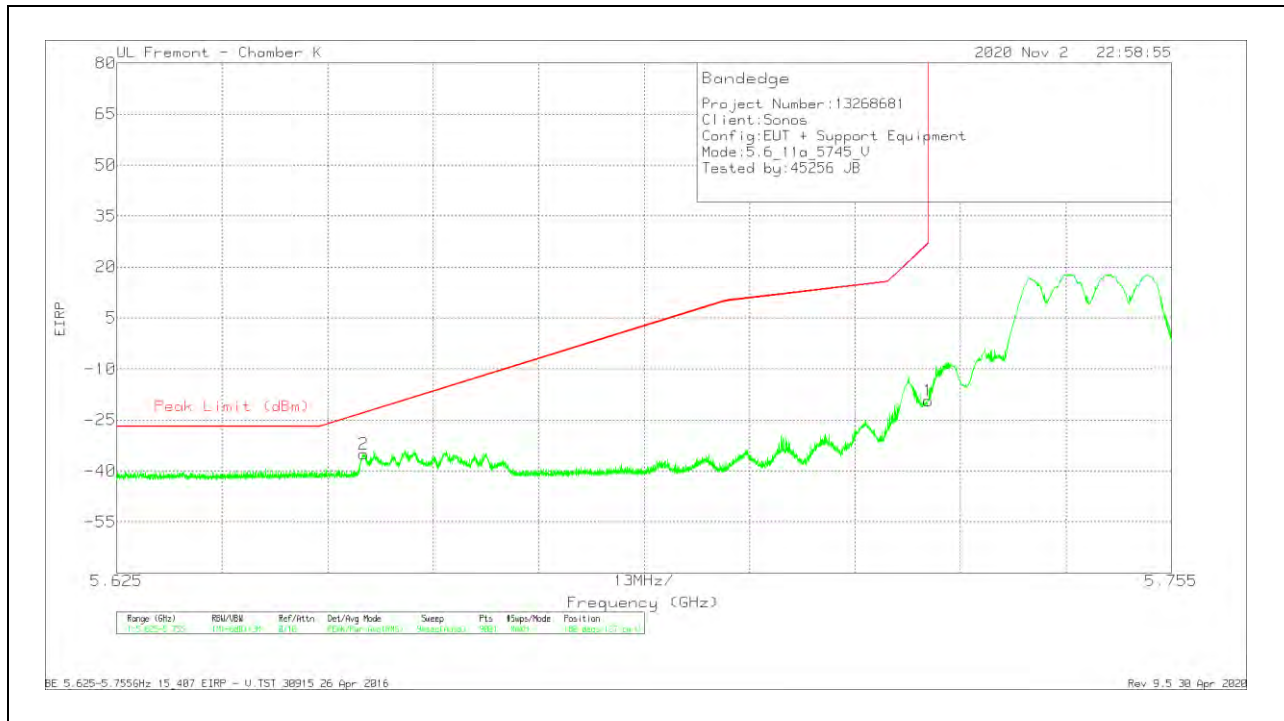


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-40.16	PK	35.1	-30.3	11.8	-23.56	26.99	-50.55	205	259	H
2	5.64843	-57.18	PK	35.3	-30.4	11.8	-40.48	-27	-13.48	205	259	H

Pk - Peak detector

VERTICAL RESULT



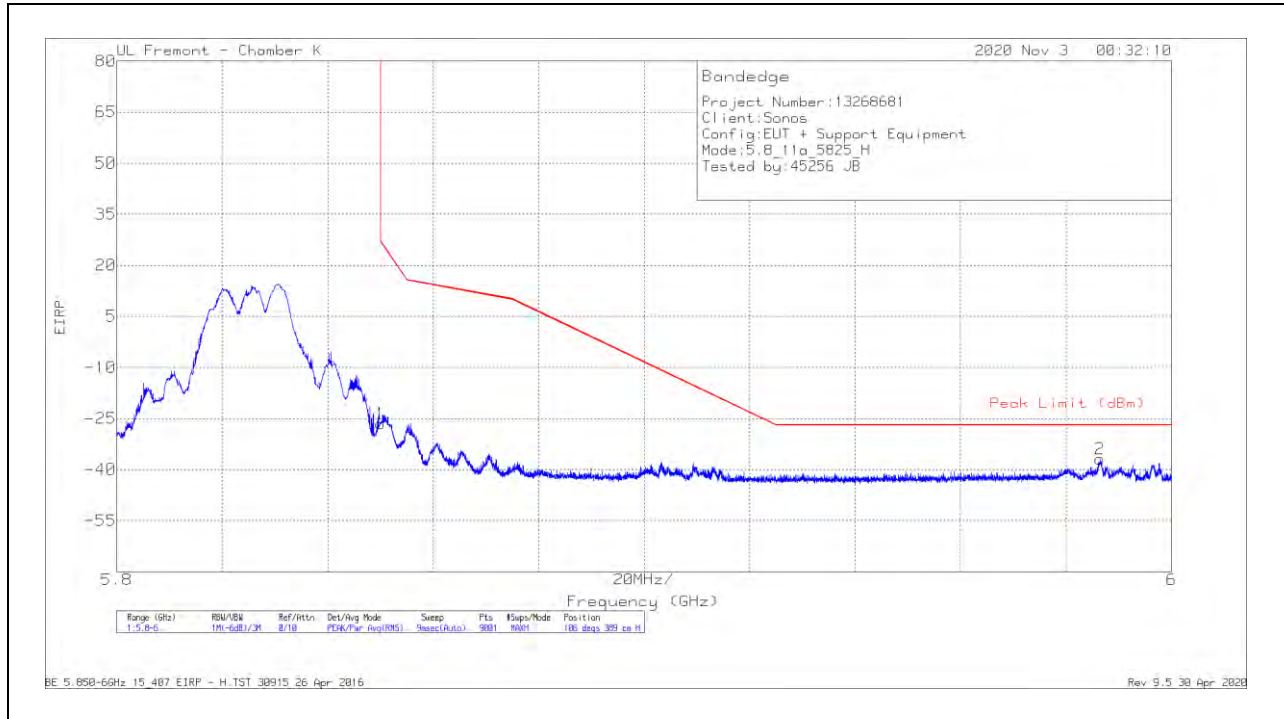
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-35.88	Pk	35.1	-30.3	11.8	-19.28	26.99	-46.27	180	127	V
2	5.65543	-51.79	Pk	35.3	-30.4	11.8	-35.09	-22.98	-12.11	180	127	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-43.21	Pk	35.1	-30.2	11.8	-26.51	26.95	-53.46	106	389	H
2	5.98644	-54.11	Pk	35.3	-29.9	11.8	-36.91	-27	-9.91	106	389	H

Pk - Peak detector

VERTICAL RESULT



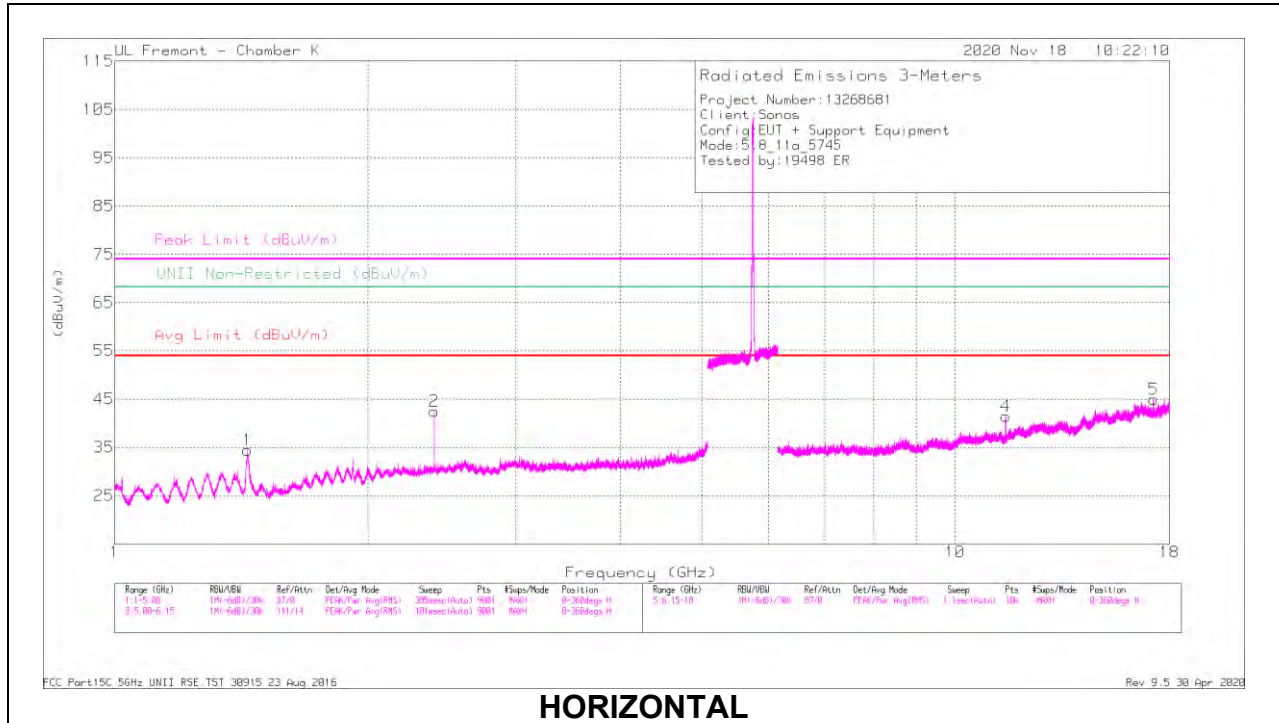
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-39	Pk	35.1	-30.2	11.8	-22.3	26.95	-49.25	280	145	V
2	5.98655	-54.92	Pk	35.3	-29.9	11.8	-37.72	-27	-10.72	280	145	V

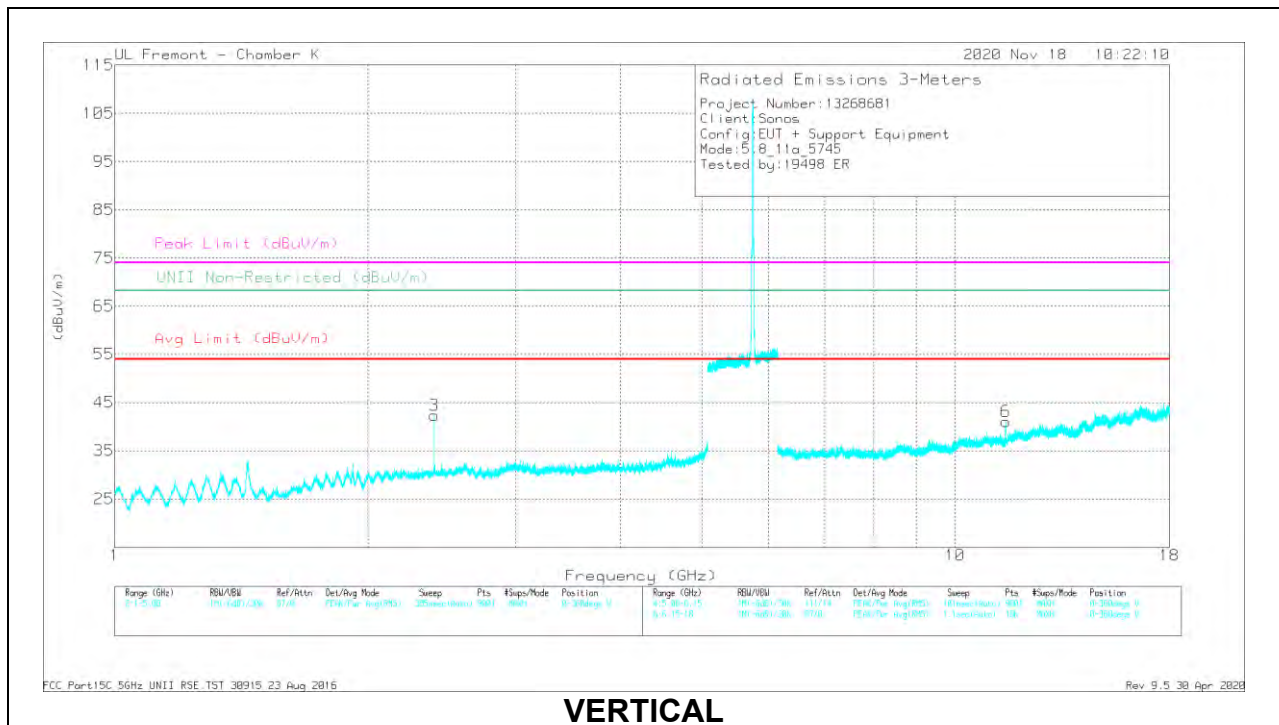
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

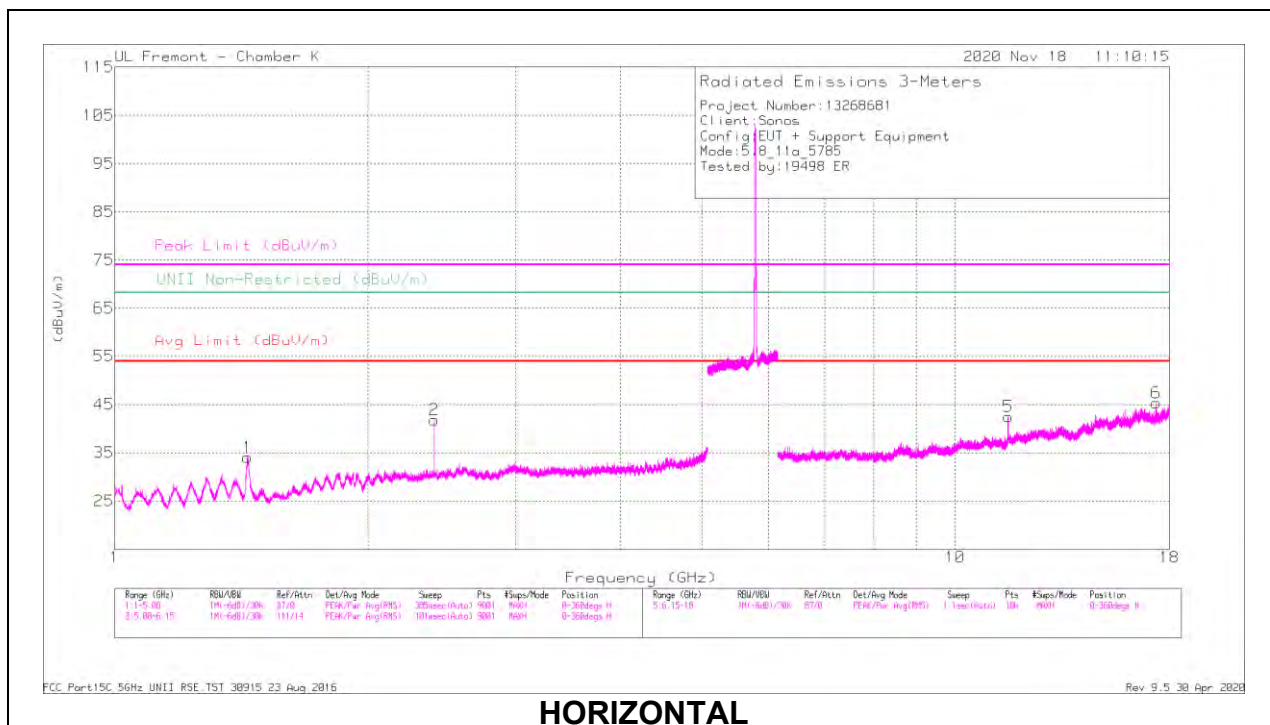
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44084	71.04	PK-U	28.4	-46.3	0	53.14	-	-	74	-20.86	-	-	14	197	H
	* 1.43972	51.76	ADR	28.4	-46.3	-16	34.02	54	-19.98	-	-	-	-	14	197	H
2	2.40004	60.04	PK-U	32.4	-45	0	47.44	-	-	-	-	68.2	-20.76	292	197	H
3	2.40002	60.25	PK-U	32.4	-45	0	47.65	-	-	-	-	68.2	-20.55	342	295	V
4	* 11.49193	51.53	PK-U	38.2	-36.4	0	53.33	-	-	74	-20.67	-	-	93	213	H
	* 11.49217	40.07	ADR	38.2	-36.4	-16	42.03	54	-11.97	-	-	-	-	93	213	H
5	17.23254	45.35	PK-U	41.5	-32.7	0	54.15	-	-	-	-	68.2	-14.05	156	213	H
6	* 11.48849	50.39	PK-U	38.2	-36.4	0	52.19	-	-	74	-21.81	-	-	33	190	V
	* 11.48785	38.63	ADR	38.2	-36.5	-16	40.49	54	-13.51	-	-	-	-	33	190	V

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

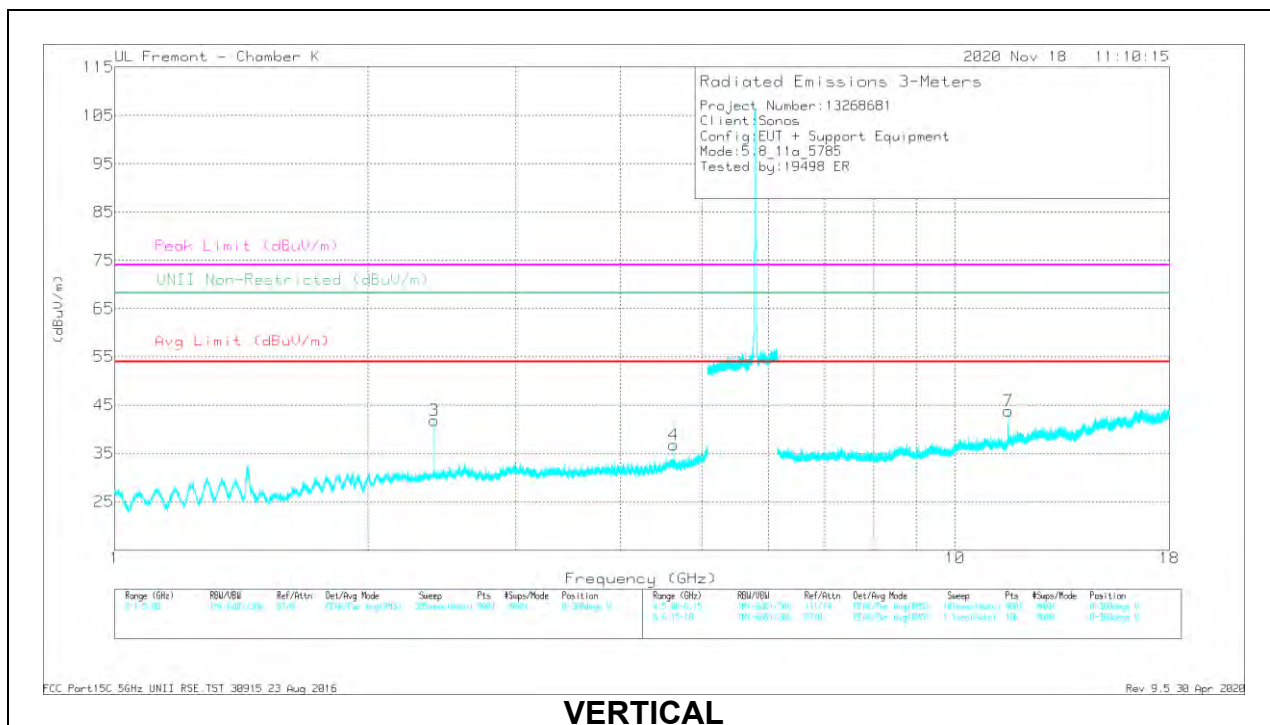
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

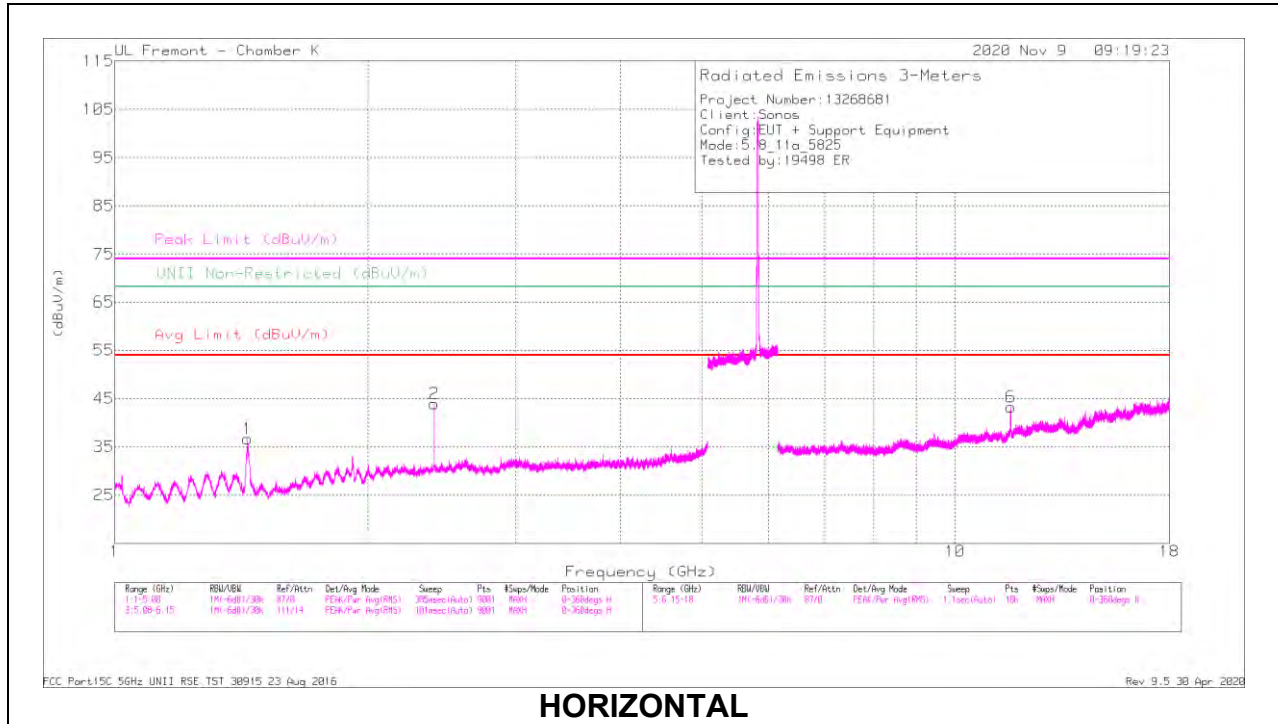
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43822	70.04	PK-U	28.4	-46.3	0	52.14	-	-	74	-21.86	-	-	13	194	H
	* 1.44159	50.97	ADR	28.4	-46.3	-16	33.23	54	-20.77	-	-	-	-	13	194	H
2	2.40001	58.53	PK-U	32.4	-45	0	45.93	-	-	-	-	68.2	-22.27	293	209	H
3	2.40014	61.09	PK-U	32.4	-45	0	48.49	-	-	-	-	68.2	-19.71	342	297	V
4	* 4.62788	50.88	PK-U	34.4	-41.1	0	44.18	-	-	74	-29.82	-	-	114	235	V
	* 4.62812	42.64	ADR	34.4	-41.1	-16	36.1	54	-17.9	-	-	-	-	114	235	V
5	* 11.57035	50.46	PK-U	38.3	-36.2	0	52.56	-	-	74	-21.44	-	-	247	108	H
	* 11.57043	39.17	ADR	38.3	-36.2	-16	41.43	54	-12.57	-	-	-	-	247	108	H
6	17.36137	43.77	PK-U	41.7	-32.2	0	53.27	-	-	-	-	68.2	-14.93	185	198	H
7	* 11.57011	51.37	PK-U	38.3	-36.2	0	53.47	-	-	74	-20.53	-	-	299	161	V
	* 11.57035	40.56	ADR	38.3	-36.2	-16	42.82	54	-11.18	-	-	-	-	299	161	V

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

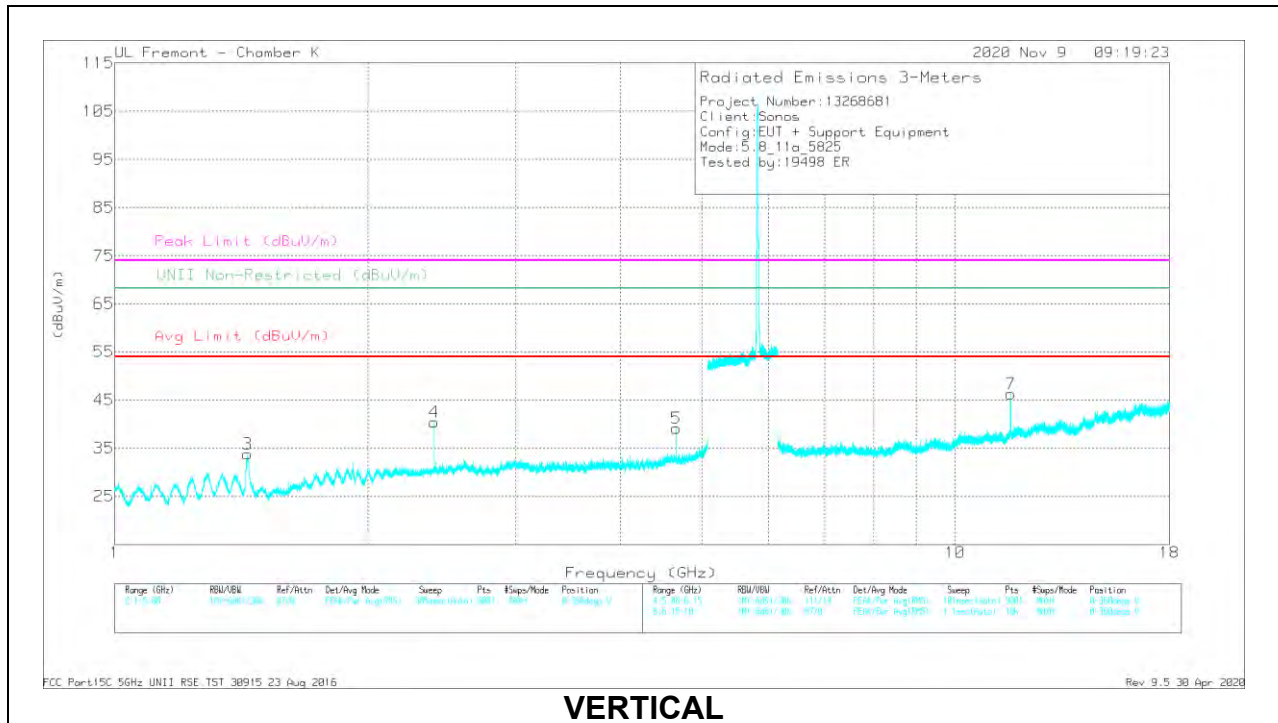
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43784	68.89	PK-U	28.4	-46.3	0	50.99	-	-	74	-23.01	-	-	27	97	H
	* 1.44009	51.35	ADR	28.4	-46.3	-16	33.61	54	-20.39	-	-	-	-	27	97	H
2	2.4001	61.47	PK-U	32.4	-45	0	48.87	-	-	-	-	68.2	-19.33	314	104	H
3	* 1.43859	63.86	PK-U	28.4	-46.3	0	45.96	-	-	74	-28.04	-	-	1	207	V
	* 1.43859	49.96	ADR	28.4	-46.3	-16	32.22	54	-21.78	-	-	-	-	1	207	V
4	2.40004	60.37	PK-U	32.4	-45	0	47.77	-	-	-	-	68.2	-20.43	190	400	V
5	* 4.66	51.29	PK-U	34.4	-40.9	0	44.79	-	-	74	-29.21	-	-	209	109	V
	* 4.66003	44.45	ADR	34.4	-40.9	-16	38.11	54	-15.89	-	-	-	-	209	109	V
6	* 11.64592	52.66	PK-U	38.5	-35.7	0	55.46	-	-	74	-18.54	-	-	98	133	H
	* 11.65103	40.89	ADR	38.4	-35.7	-16	43.75	54	-10.25	-	-	-	-	98	133	H
7	* 11.64826	53.52	PK-U	38.5	-35.7	0	56.32	-	-	74	-17.68	-	-	302	108	V
	* 11.64826	42.31	ADR	38.5	-35.7	-16	45.27	54	-8.73	-	-	-	-	302	108	V

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

PK-U - U-NII: Maximum Peak

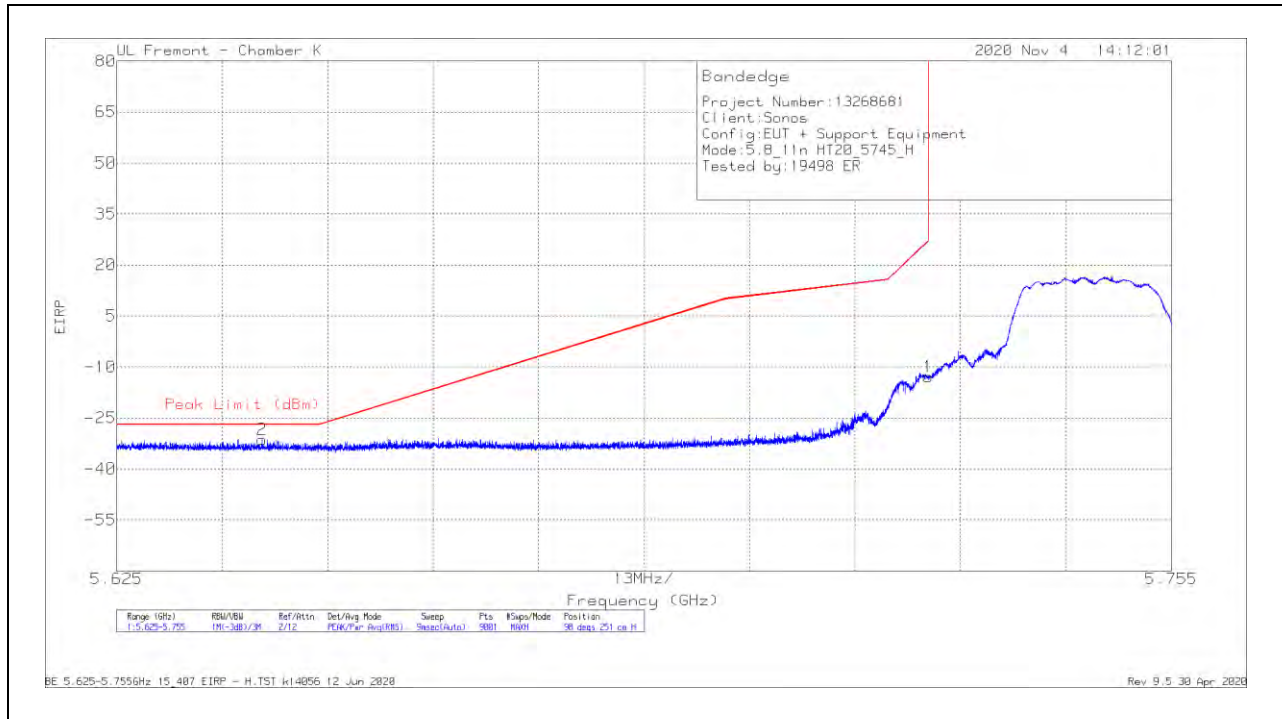
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

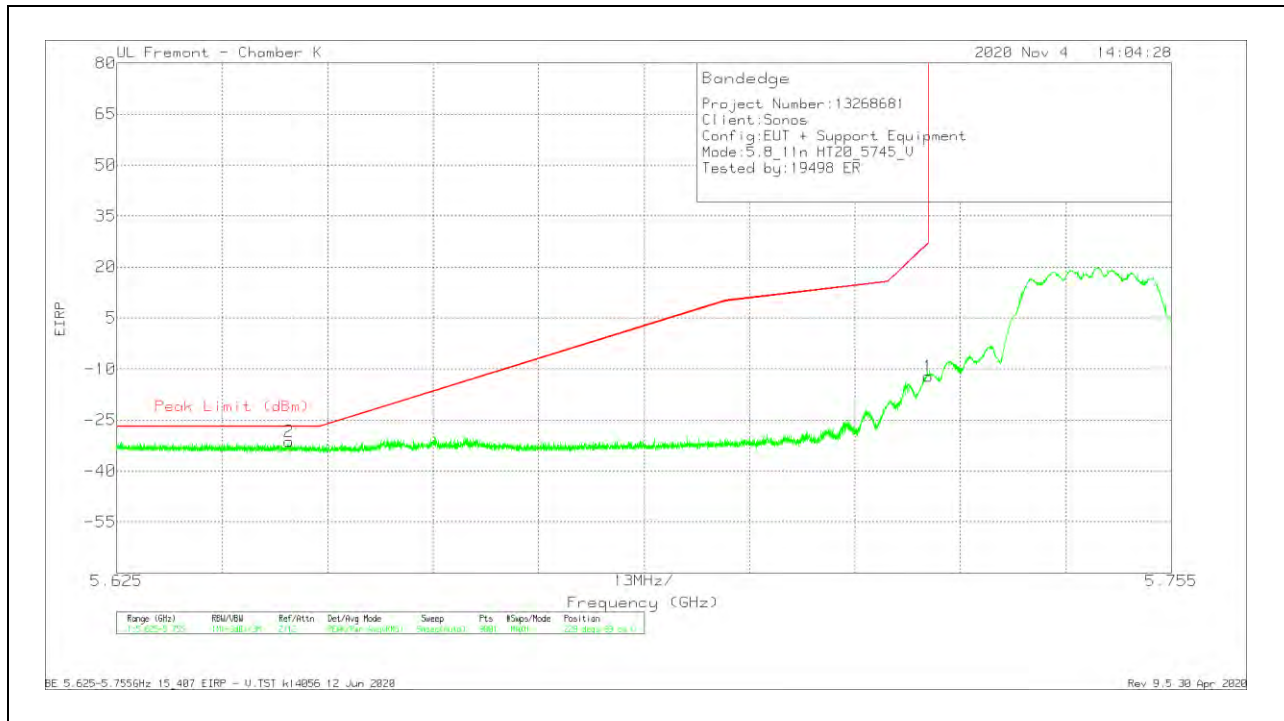


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.06	Pk	35.1	-6.8	11.8	-12.96	26.99	-39.95	98	251	H
2	5.64295	-71.7	Pk	35.4	-6.8	11.8	-31.3	-27	-4.3	98	251	H

Pk - Peak detector

VERTICAL RESULT



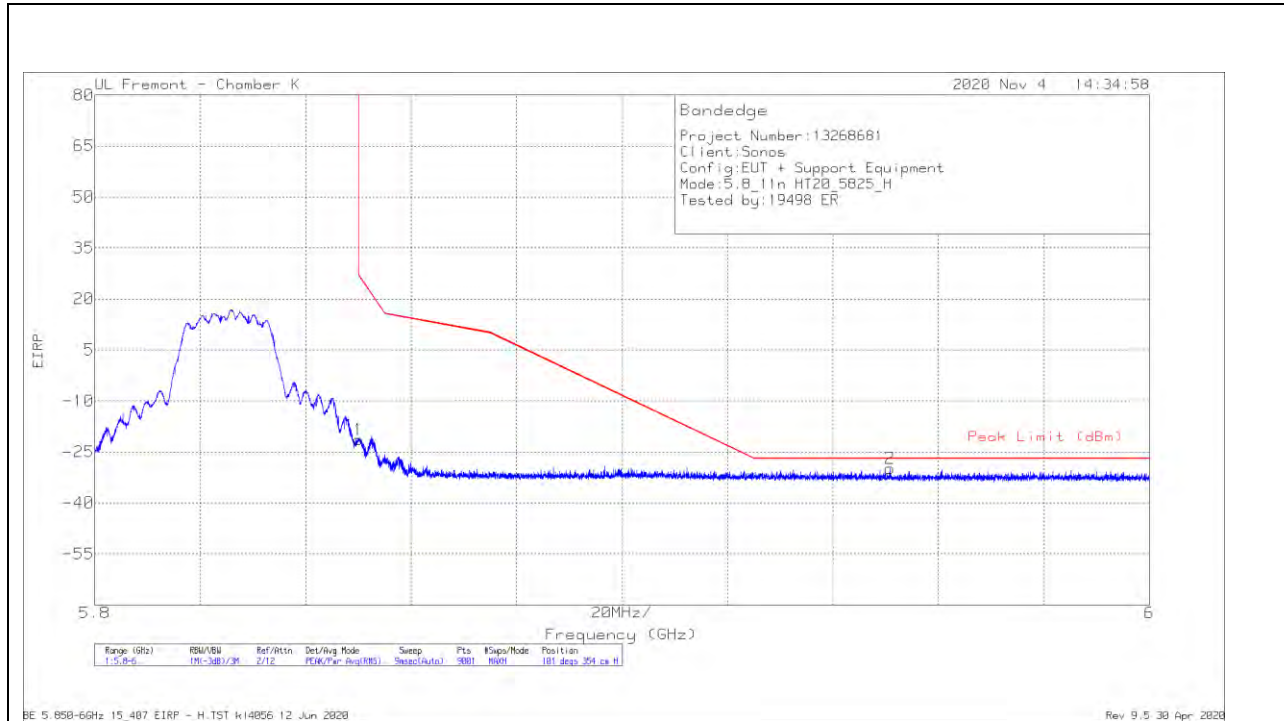
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-52.3	Pk	35.1	-6.8	11.8	-12.2	26.99	-39.19	229	99	V
2	5.64626	-71.57	Pk	35.3	-6.8	11.8	-31.27	-27	-4.27	229	99	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

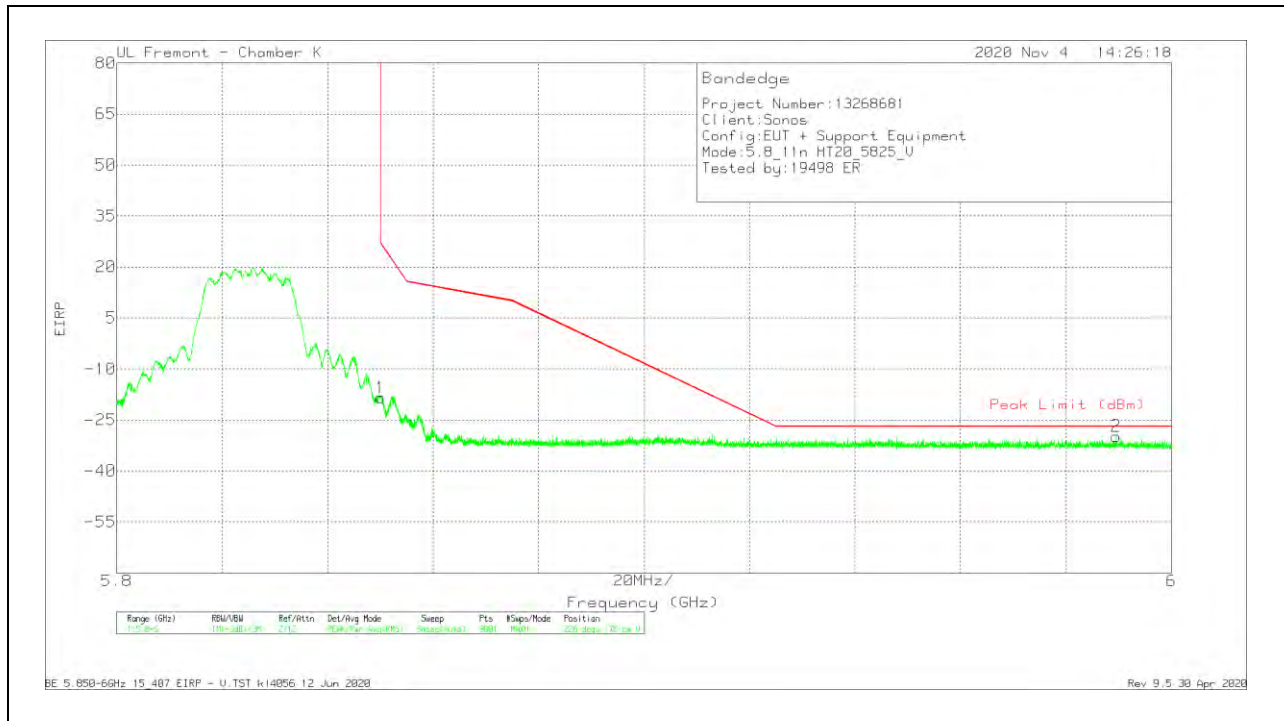


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-61.78	Pk	35.1	-6.5	11.8	-21.38	26.95	-48.33	101	354	H
2	5.95084	-70.73	Pk	35.3	-6.3	11.8	-29.93	-27	-2.93	101	354	H

Pk - Peak detector

VERTICAL RESULT



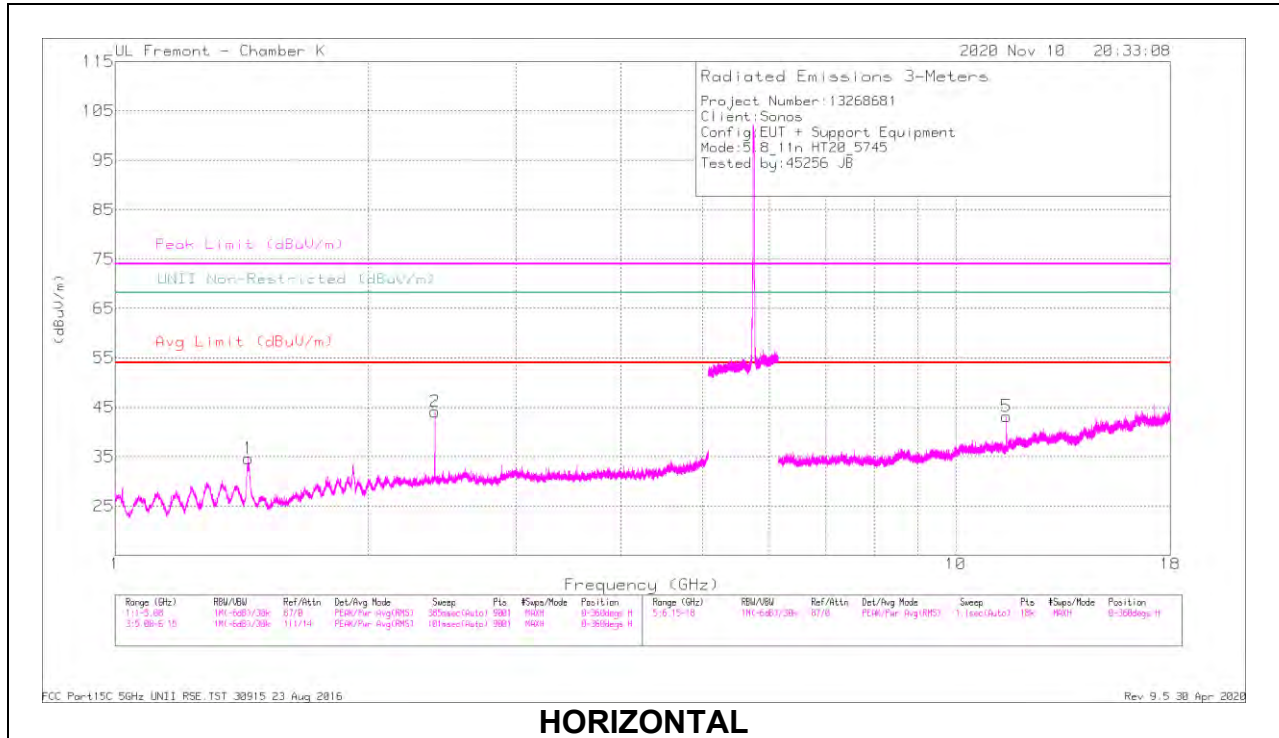
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-58.9	Pk	35.1	-6.5	11.8	-18.5	26.95	-45.45	226	178	V
2	5.98949	-70.67	Pk	35.4	-6.3	11.8	-29.77	-27	-2.77	226	178	V

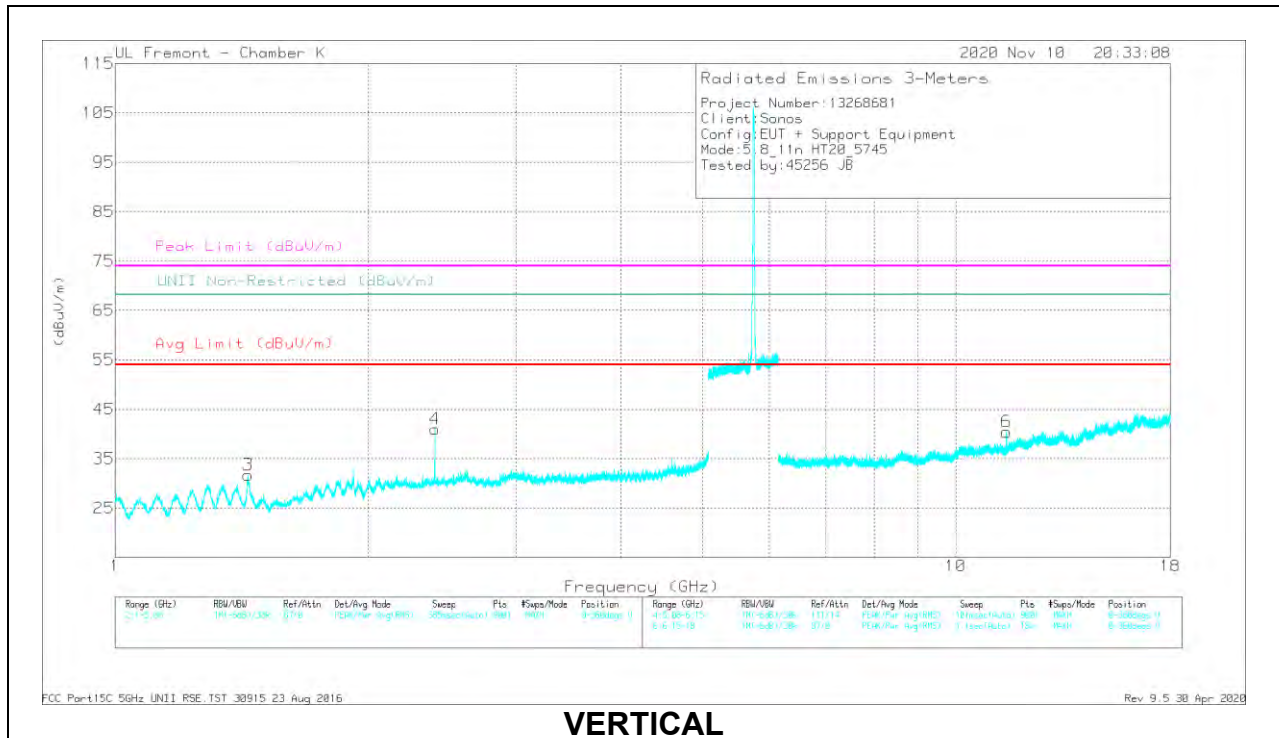
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

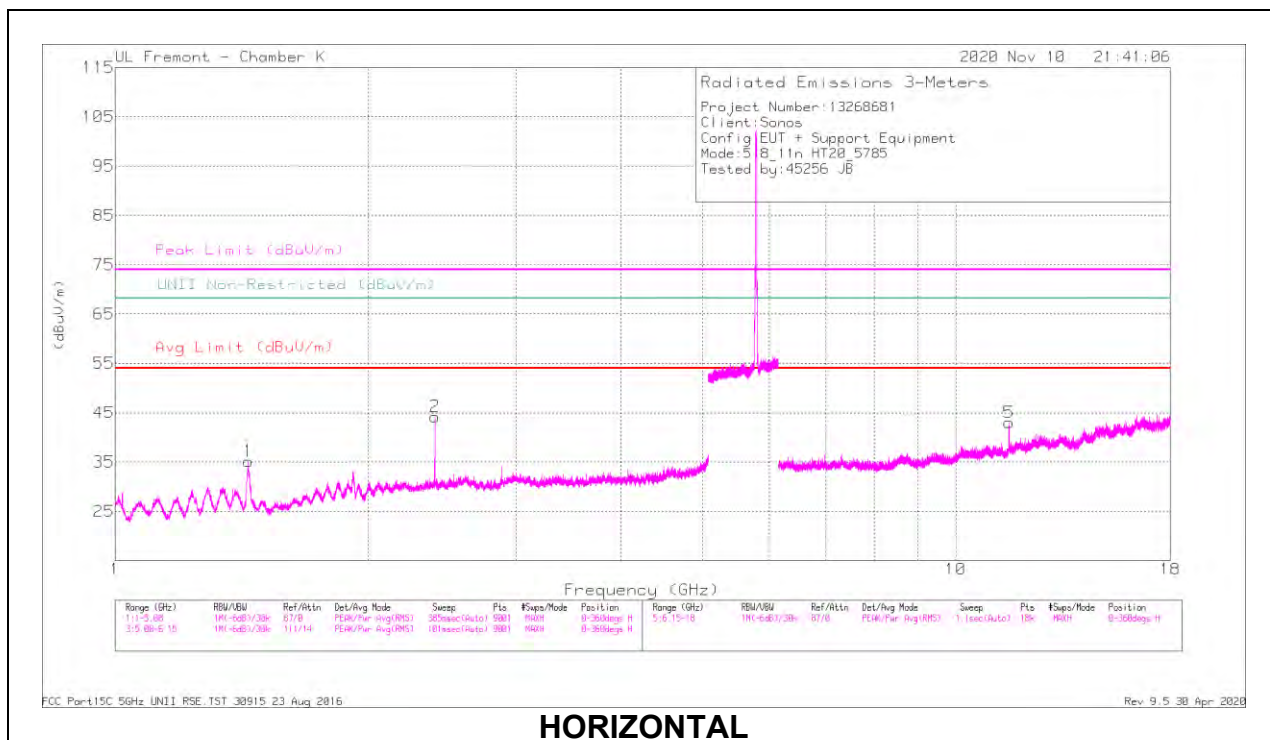
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44128	61.56	PK-U	28.4	-46.3	0	43.66	-	-	74	-30.34	-	-	124	209	H
	* 1.43994	47.24	ADR	28.4	-46.3	-18	29.52	54	-24.48	-	-	-	-	124	209	H
2	2.40003	60.31	PK-U	32.4	-45	0	47.71	-	-	-	-	68.2	-20.49	325	114	H
3	* 1.43715	60.33	PK-U	28.4	-46.3	0	42.43	-	-	74	-31.57	-	-	102	201	V
	* 1.43853	46.76	ADR	28.4	-46.3	-18	29.04	54	-24.96	-	-	-	-	102	201	V
4	2.40004	58.05	PK-U	32.4	-45	0	45.45	-	-	-	-	68.2	-22.75	312	100	V
5	* 11.49262	48.33	PK-U	38.2	-36.5	0	50.03	-	-	74	-23.97	-	-	129	209	H
	* 11.49052	36.3	ADR	38.2	-36.5	-18	38.18	54	-15.82	-	-	-	-	129	209	H
6	* 11.49141	47.41	PK-U	38.2	-36.4	0	49.21	-	-	74	-24.79	-	-	299	119	V
	* 11.49408	35.78	ADR	38.2	-36.4	-18	37.76	54	-16.24	-	-	-	-	299	119	V

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

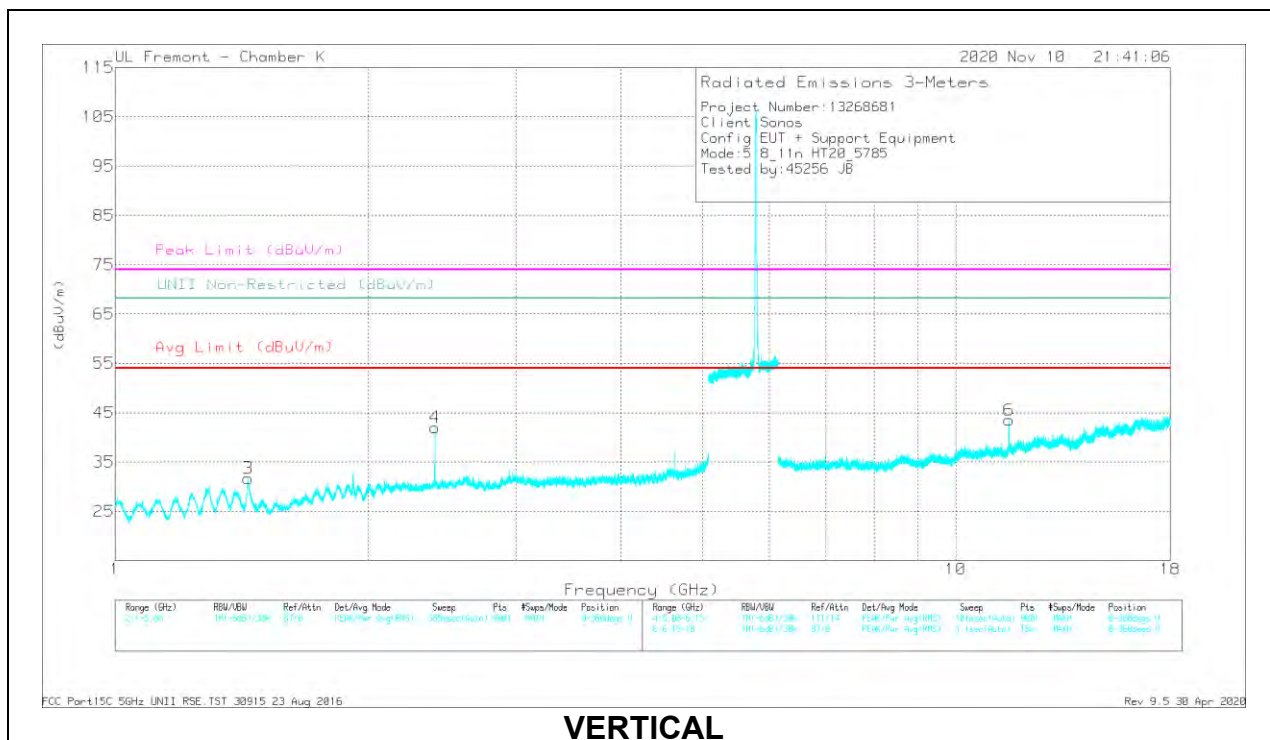
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

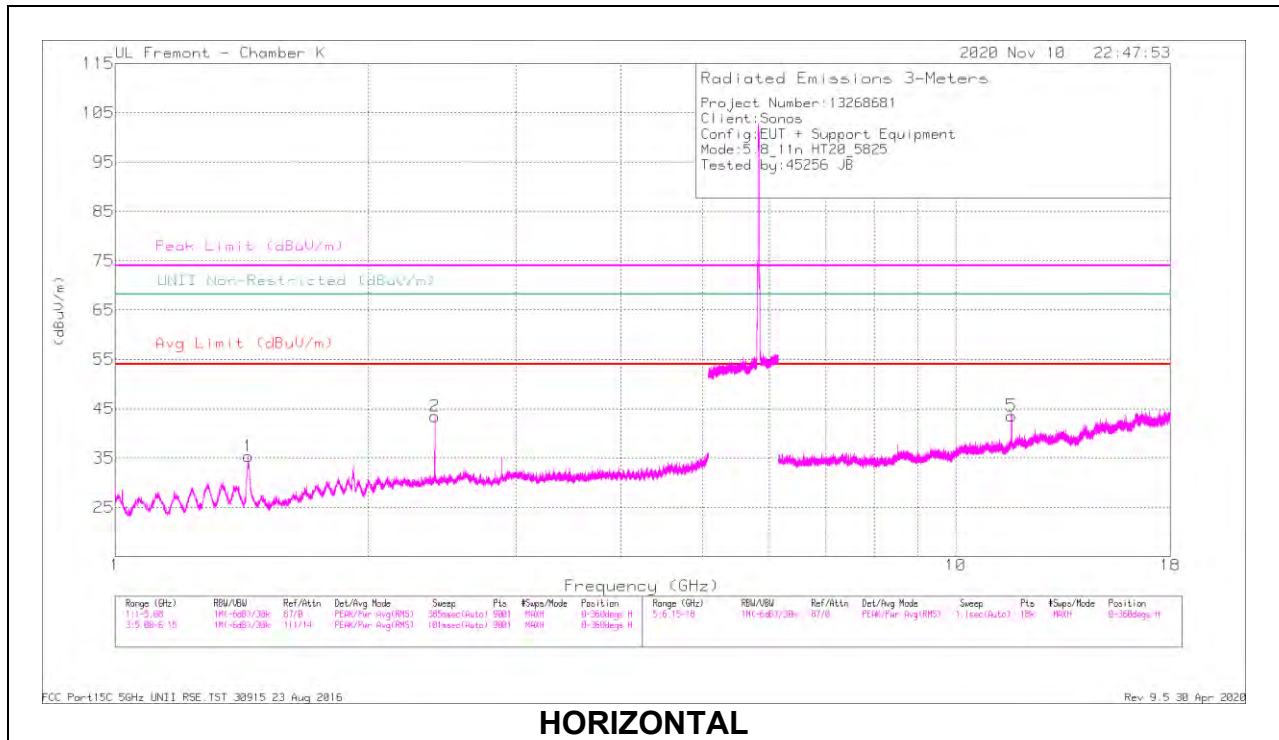
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43886	61.5	PK-U	28.4	-46.3	0	43.6	-	-	74	-30.4	-	-	34	339	H
	* 1.4403	46.1	ADR	28.4	-46.3	-18	28.38	54	-25.62	-	-	-	-	34	339	H
2	2.40005	60.31	PK-U	32.4	-45	0	47.71	-	-	-	-	68.2	-20.49	320	106	H
3	* 1.43864	62.74	PK-U	28.4	-46.3	0	44.84	-	-	74	-29.16	-	-	319	302	V
	* 1.44001	46.93	ADR	28.4	-46.3	-18	29.21	54	-24.79	-	-	-	-	319	302	V
4	2.39998	58.01	PK-U	32.4	-45	0	45.41	-	-	-	-	68.2	-22.79	314	103	V
5	* 11.57059	50.27	PK-U	38.3	-36.2	0	52.37	-	-	74	-21.63	-	-	98	129	H
	* 11.57298	36.91	ADR	38.3	-36.1	-18	39.29	54	-14.71	-	-	-	-	98	129	H
6	* 11.57171	50.16	PK-U	38.3	-36.2	0	52.26	-	-	74	-21.74	-	-	302	101	V
	* 11.57394	37.9	ADR	38.3	-36.1	-18	40.28	54	-13.72	-	-	-	-	302	101	V

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

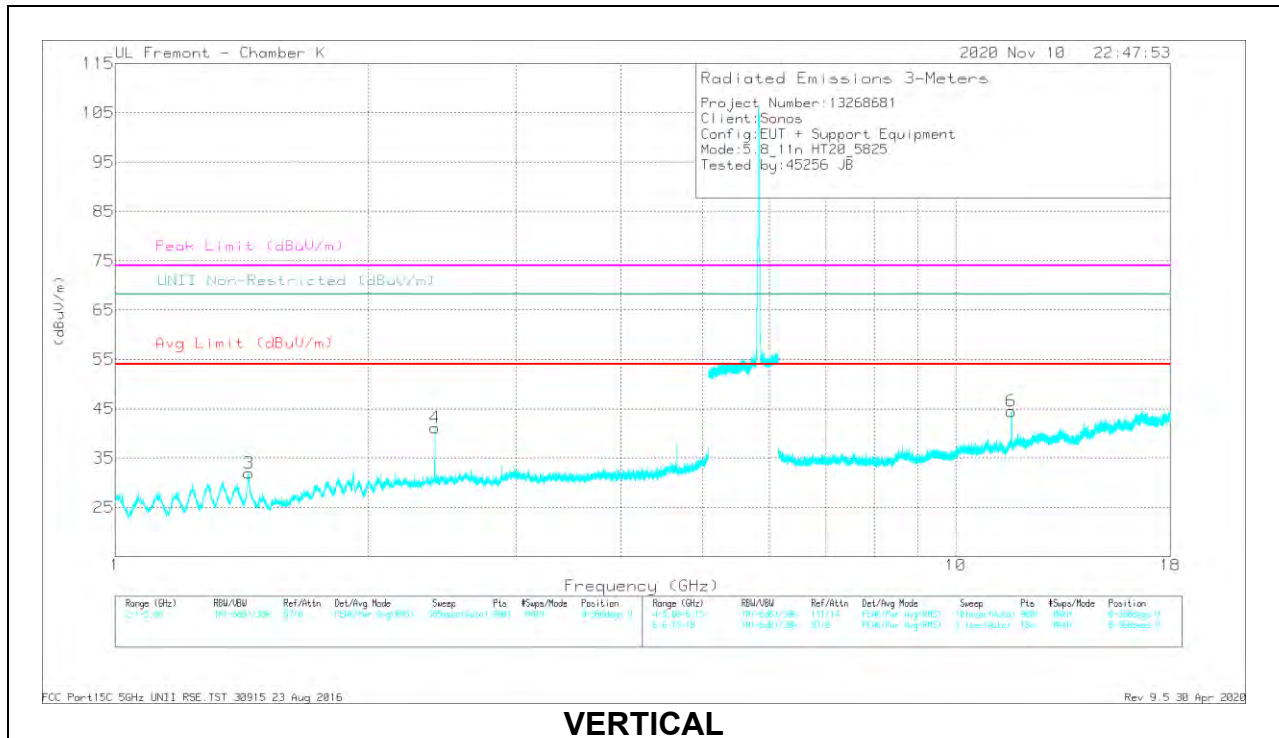
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43837	63.04	PK-U	28.4	-46.3	0	45.14	-	-	74	-28.86	-	-	314	96	H
	* 1.44152	47.81	ADR	28.4	-46.3	-18	30.09	54	-23.91	-	-	-	-	314	96	H
2	2.40005	60.53	PK-U	32.4	-45	0	47.93	-	-	-	-	68.2	-20.27	258	363	H
3	* 1.43955	60.41	PK-U	28.4	-46.3	0	42.51	-	-	74	-31.49	-	-	101	208	V
	* 1.44241	45.4	ADR	28.4	-46.3	-18	27.68	54	-26.32	-	-	-	-	101	208	V
4	2.40003	58.26	PK-U	32.4	-45	0	45.66	-	-	-	-	68.2	-22.54	312	105	V
5	* 11.65355	48.69	PK-U	38.4	-35.7	0	51.39	-	-	74	-22.61	-	-	317	182	H
	* 11.65104	36.36	ADR	38.4	-35.7	-18	39.24	54	-14.76	-	-	-	-	317	182	H
6	* 11.64726	51.28	PK-U	38.4	-35.7	0	53.98	-	-	74	-20.02	-	-	310	114	V
	* 11.64878	39.59	ADR	38.5	-35.8	-18	42.47	54	-11.53	-	-	-	-	310	114	V

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

PK-U - U-NII: Maximum Peak

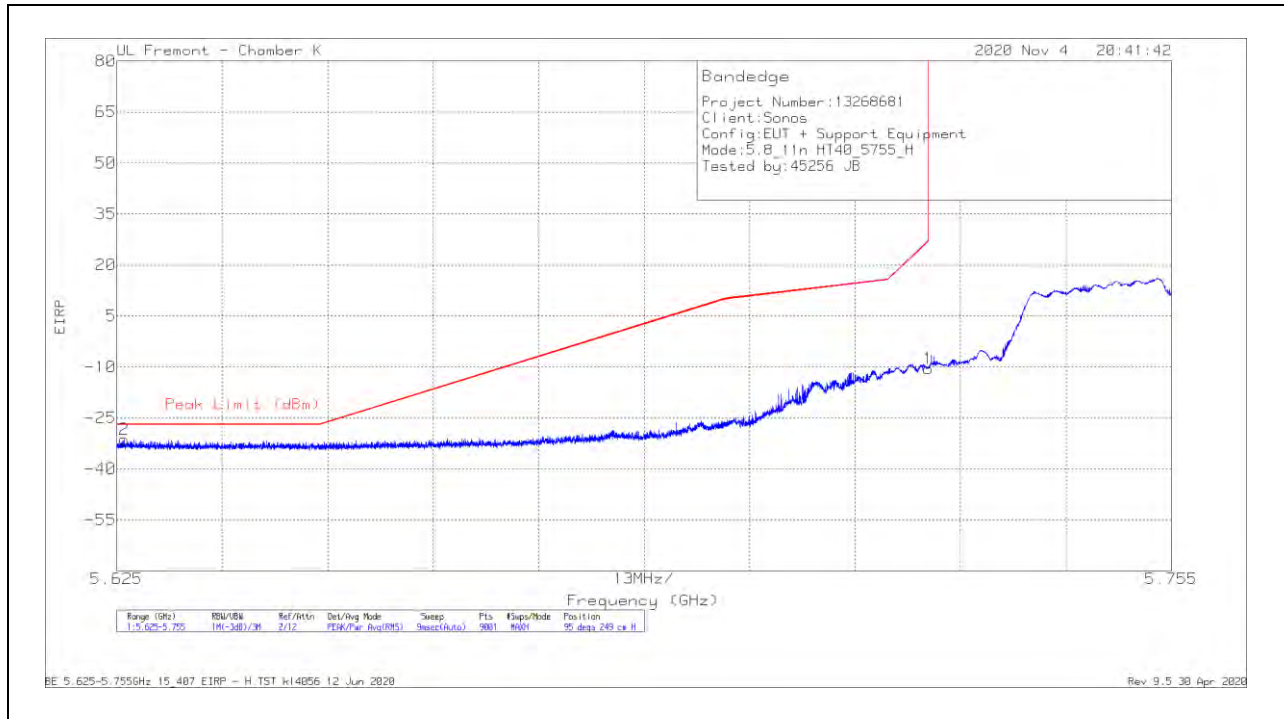
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

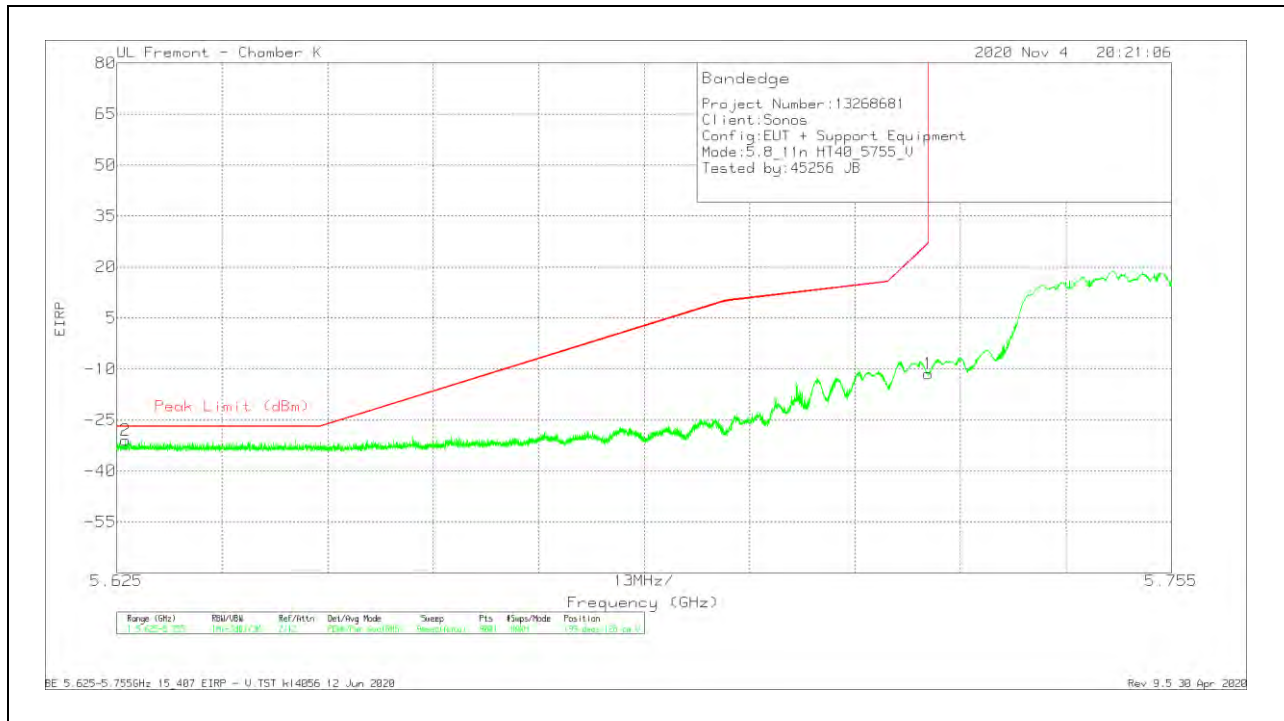


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.58	PK	35.1	-6.8	11.8	-10.48	26.99	-37.47	95	249	H
2	5.62592	-71.66	PK	35.4	-6.9	11.8	-31.36	-27	-4.36	95	249	H

Pk - Peak detector

VERTICAL RESULT



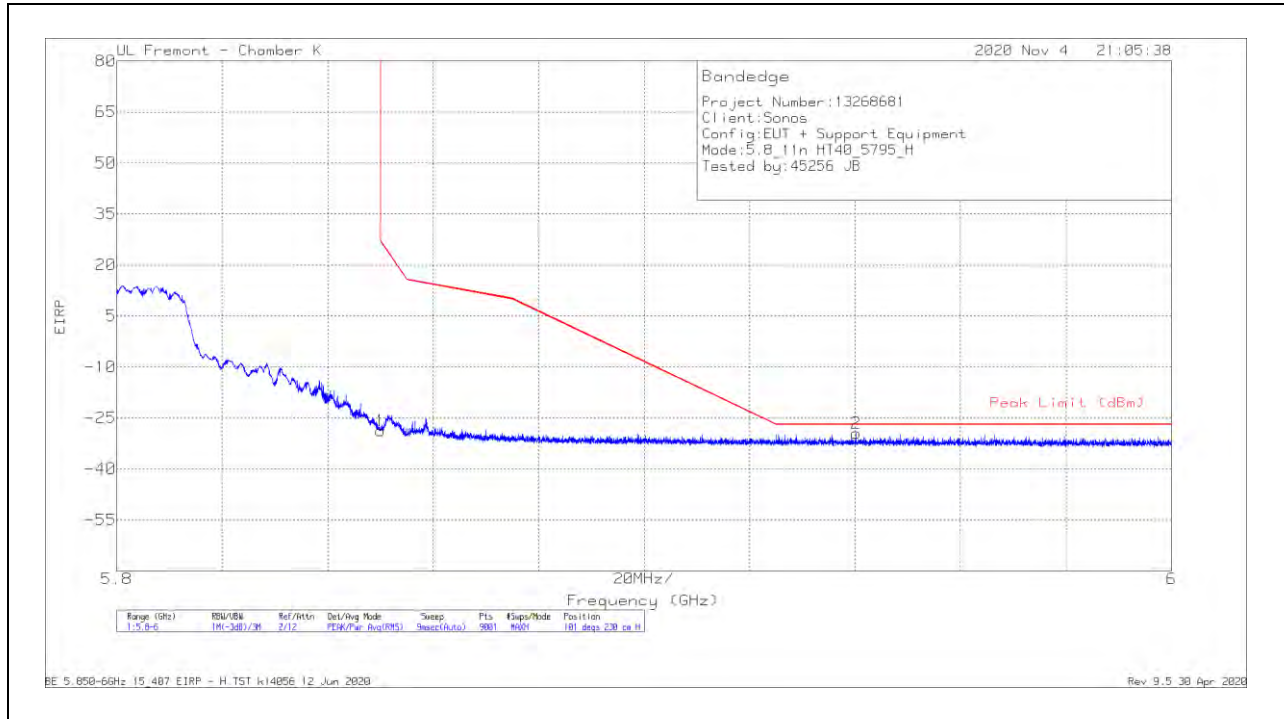
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.52	PK	35.1	-6.8	11.8	-11.42	26.99	-38.41	199	128	V
2	5.62605	-71.31	PK	35.4	-6.9	11.8	-31.01	-27	-4.01	199	128	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

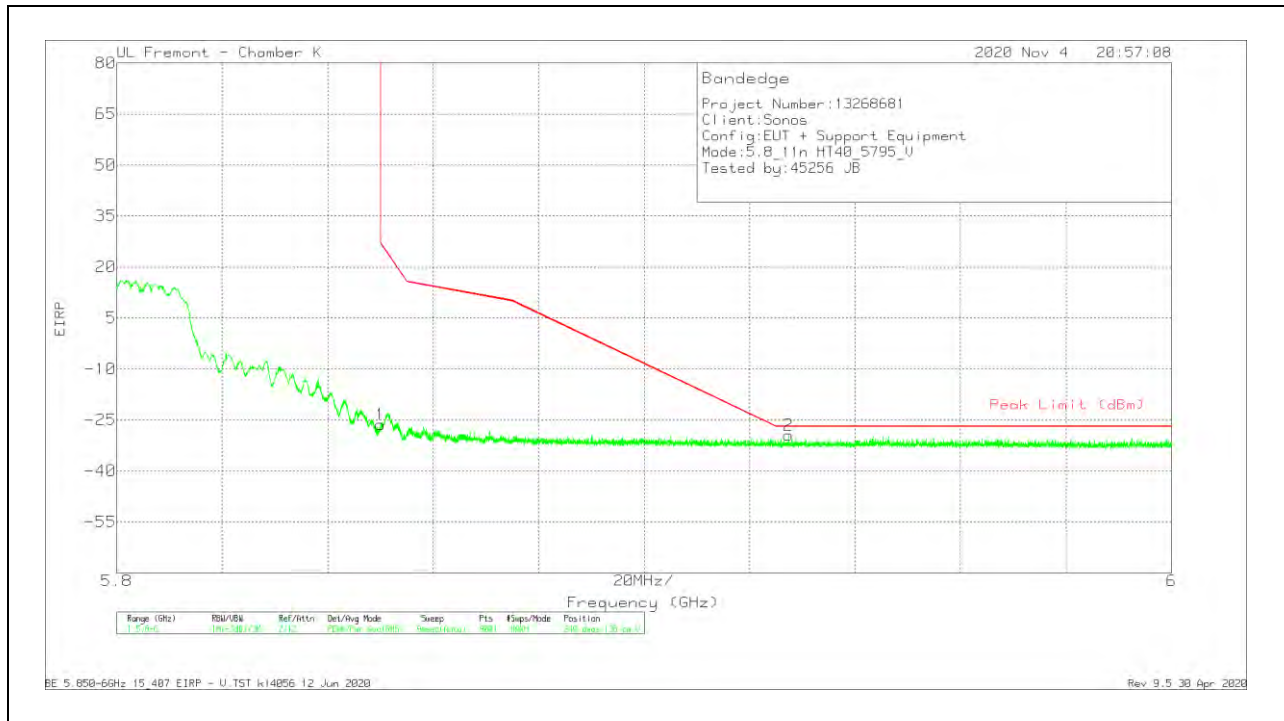


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-69.12	Pk	35.1	-6.5	11.8	-28.72	26.95	-55.67	101	230	H
2	5.94022	-70.3	Pk	35.3	-6.3	11.8	-29.5	-27	-2.5	101	230	H

Pk - Peak detector

VERTICAL RESULT



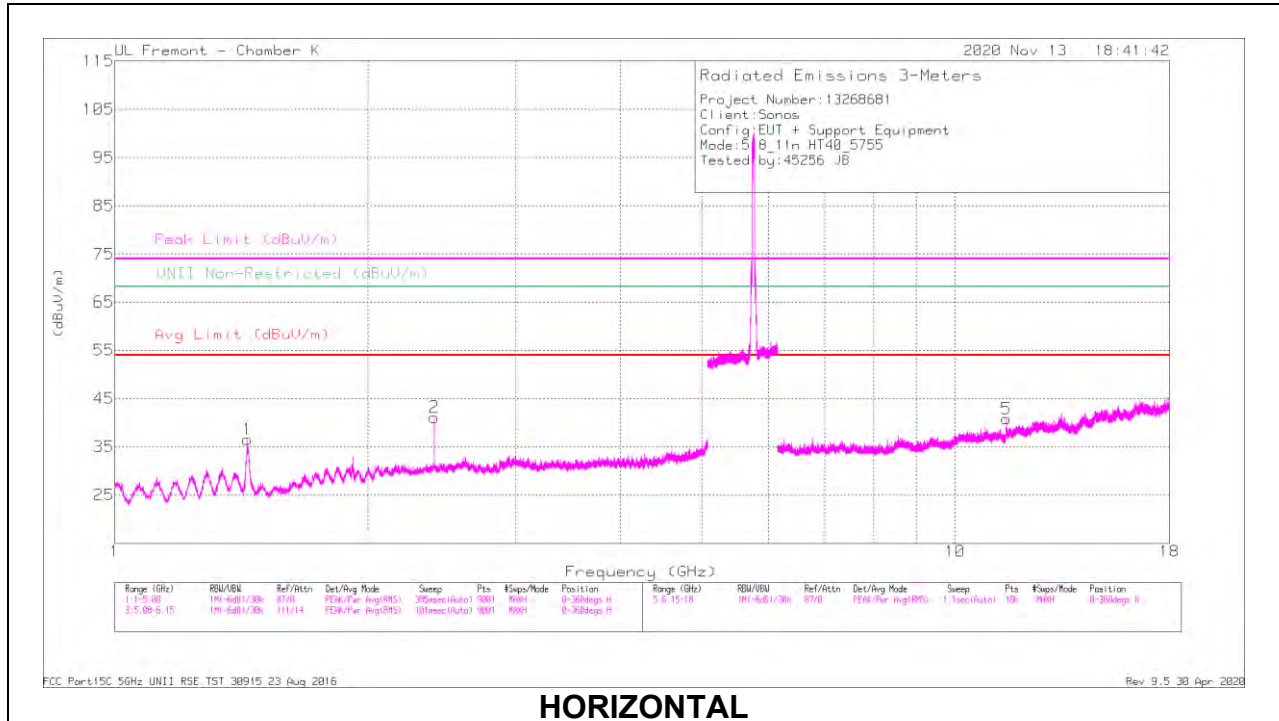
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cb1/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-66.84	Pk	35.1	-6.5	11.8	-26.44	26.95	-53.39	240	138	V
2	5.92742	-70.27	Pk	35.3	-6.4	11.8	-29.57	-27	-2.57	240	138	V

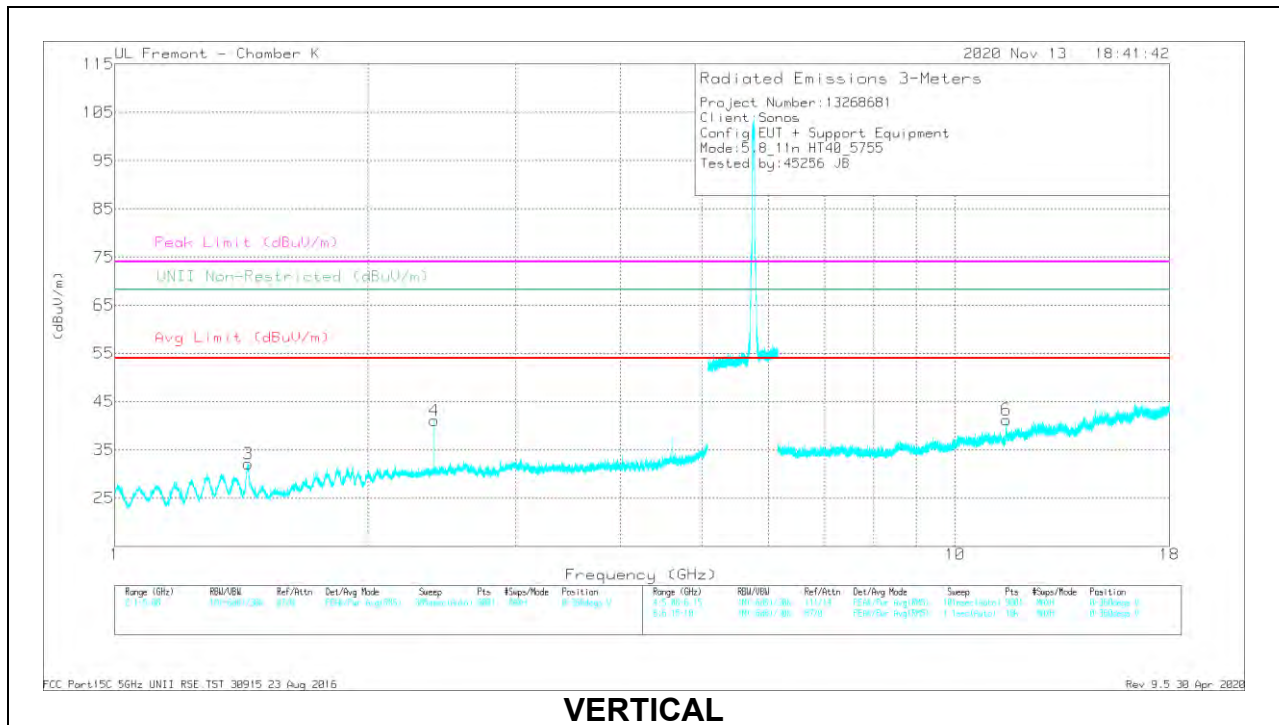
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

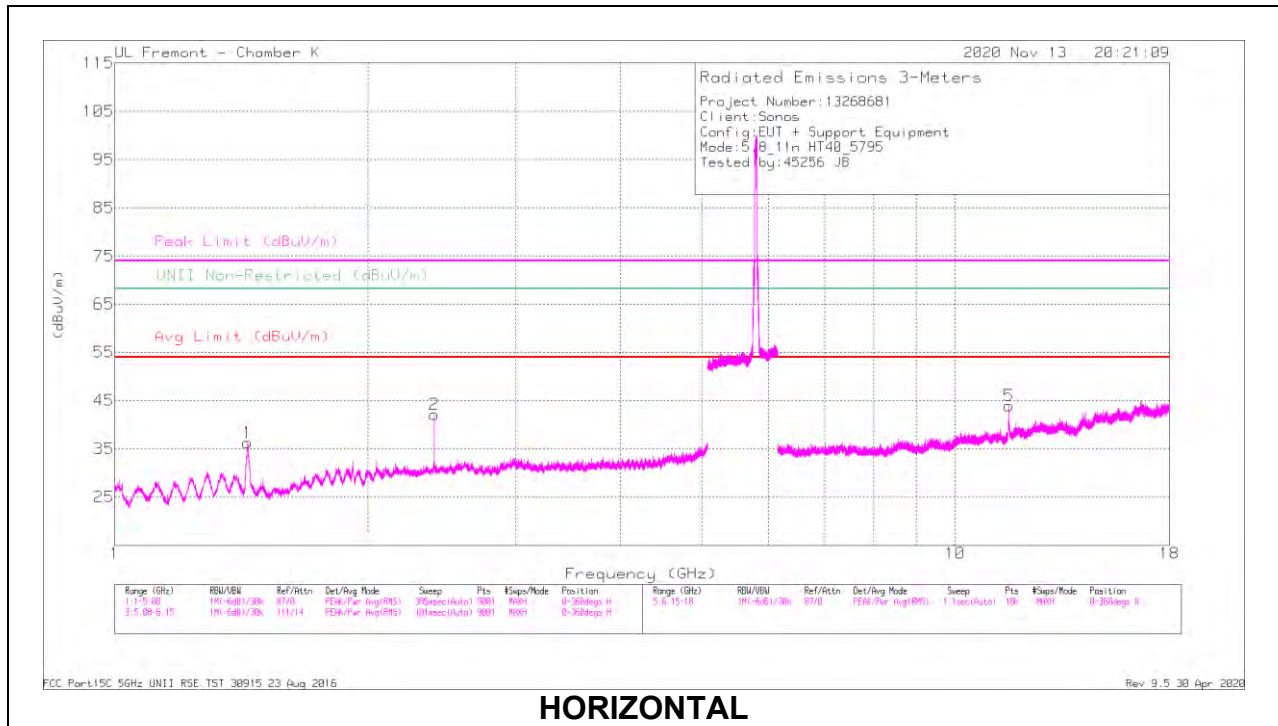
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.44108	65.28	PK-U	28.4	-46.3	0	47.38	-	-	74	-26.62	-	-	41	96	H
	* 1.43779	50.48	ADR	28.4	-46.3	.34	32.92	54	-21.08	-	-	-	-	41	96	H
2	2.40003	58.86	PK-U	32.4	-45	0	46.26	-	-	-	-	68.2	-21.94	340	111	H
3	* 1.44099	55.85	PK-U	28.4	-46.3	0	37.95	-	-	74	-36.05	-	-	16	121	V
	* 1.44385	43.24	ADR	28.4	-46.3	.34	25.68	54	-28.32	-	-	-	-	16	121	V
4	2.4002	58.32	PK-U	32.4	-45	0	45.72	-	-	-	-	68.2	-22.48	345	380	V
5	* 11.51185	47.77	PK-U	38.3	-36.4	0	49.67	-	-	74	-24.33	-	-	169	194	H
	* 11.50986	35.15	ADR	38.3	-36.4	.34	37.39	54	-16.61	-	-	-	-	169	194	H
6	* 11.51743	47.05	PK-U	38.3	-36.4	0	48.95	-	-	74	-25.05	-	-	39	186	V
	* 11.51895	35.18	ADR	38.3	-36.3	.34	37.52	54	-16.48	-	-	-	-	39	186	V

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

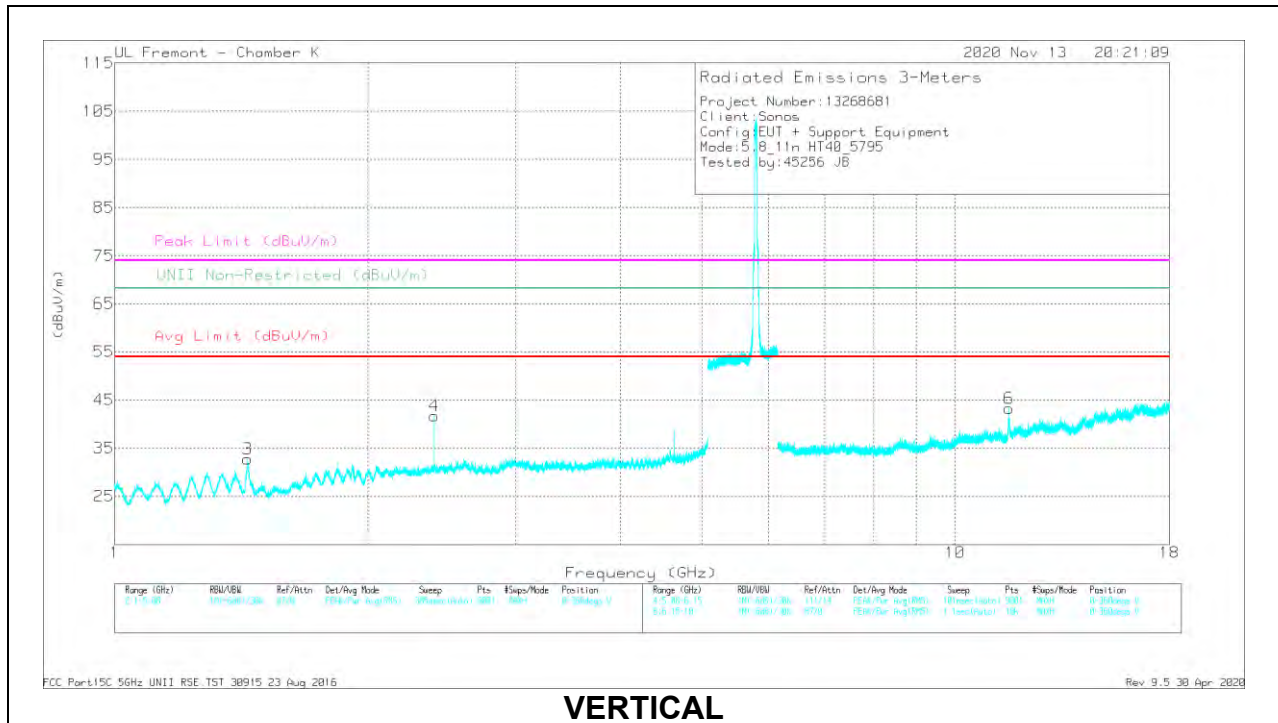
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.44188	66.25	PK-U	28.4	-46.3	0	48.35	-	-	74	-25.65	-	-	57	193	H
	* 1.43832	51.93	ADR	28.4	-46.3	.34	34.37	54	-19.63	-	-	-	-	57	193	H
2	2.39987	59.1	PK-U	32.4	-45	0	46.5	-	-	-	-	68.2	-21.7	340	108	H
3	* 1.43887	62.57	PK-U	28.4	-46.3	0	44.67	-	-	74	-29.33	-	-	0	300	V
	* 1.44002	48.26	ADR	28.4	-46.3	.34	30.7	54	-23.3	-	-	-	-	0	300	V
4	2.40015	60.35	PK-U	32.4	-45	0	47.75	-	-	-	-	68.2	-20.45	209	265	V
5	* 11.58886	48.24	PK-U	38.4	-36.1	0	50.54	-	-	74	-23.46	-	-	252	97	H
	* 11.58971	35.81	ADR	38.4	-36.1	.34	38.45	54	-15.55	-	-	-	-	252	97	H
6	* 11.58884	48.1	PK-U	38.4	-36.1	0	50.4	-	-	74	-23.6	-	-	34	196	V
	* 11.58931	35.67	ADR	38.4	-36.1	.34	38.31	54	-15.69	-	-	-	-	34	196	V

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

PK-U - U-NII: Maximum Peak

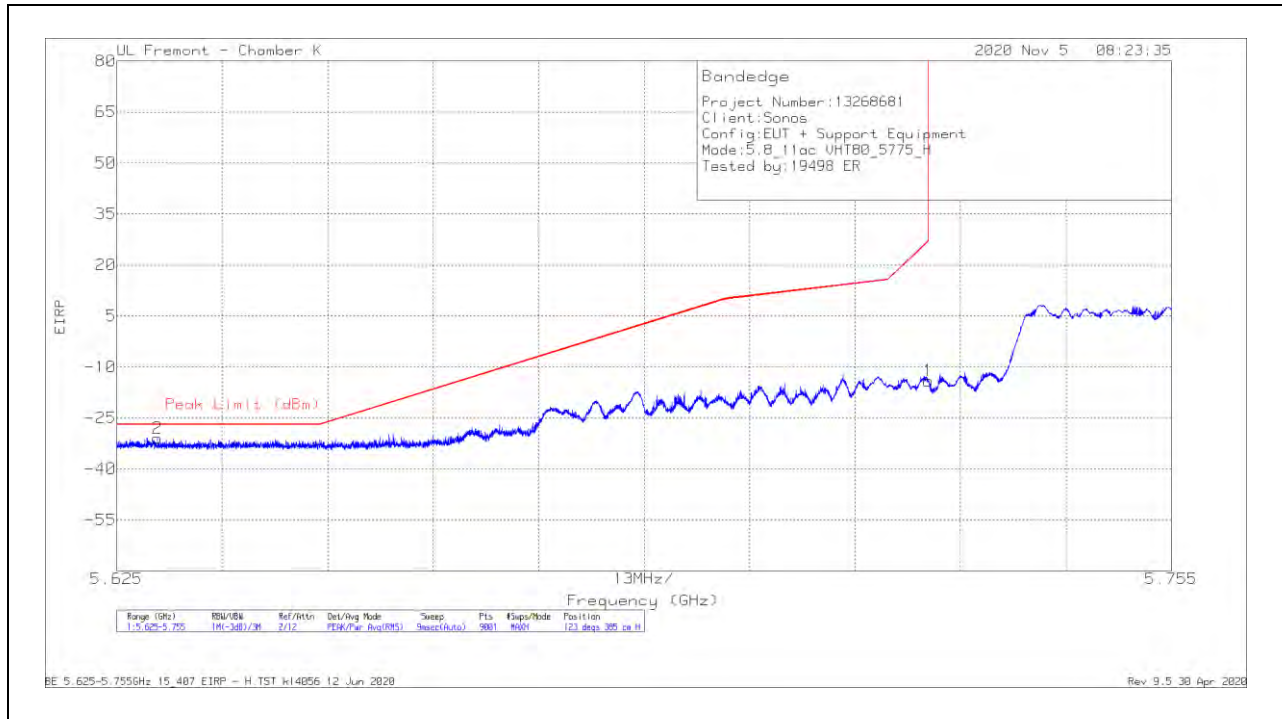
ADR - U-NII AD primary method, RMS average

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

2TX CHAIN 0 + CHAIN 1

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

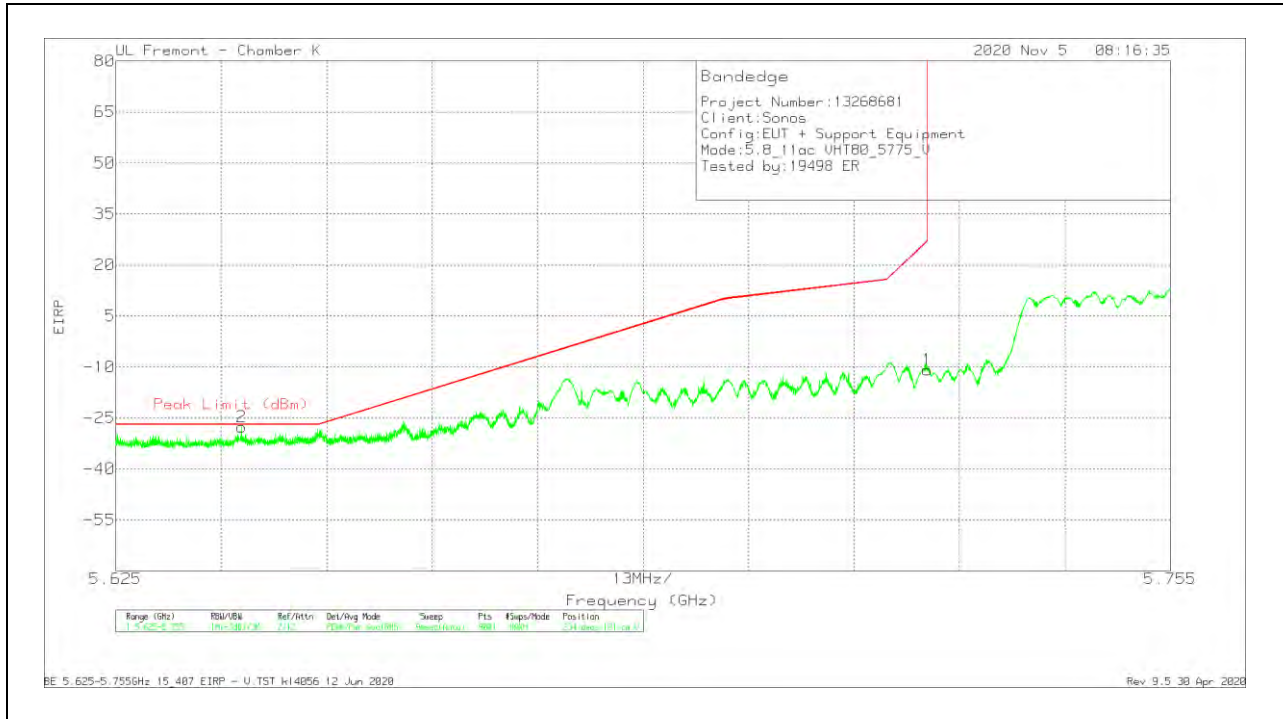


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-54.19	Pk	35.1	-6.8	11.8	-14.09	26.99	-41.08	123	385	H
2	5.63003	-71.18	Pk	35.4	-6.9	11.8	-30.88	-27	-3.88	123	385	H

Pk - Peak detector

VERTICAL RESULT



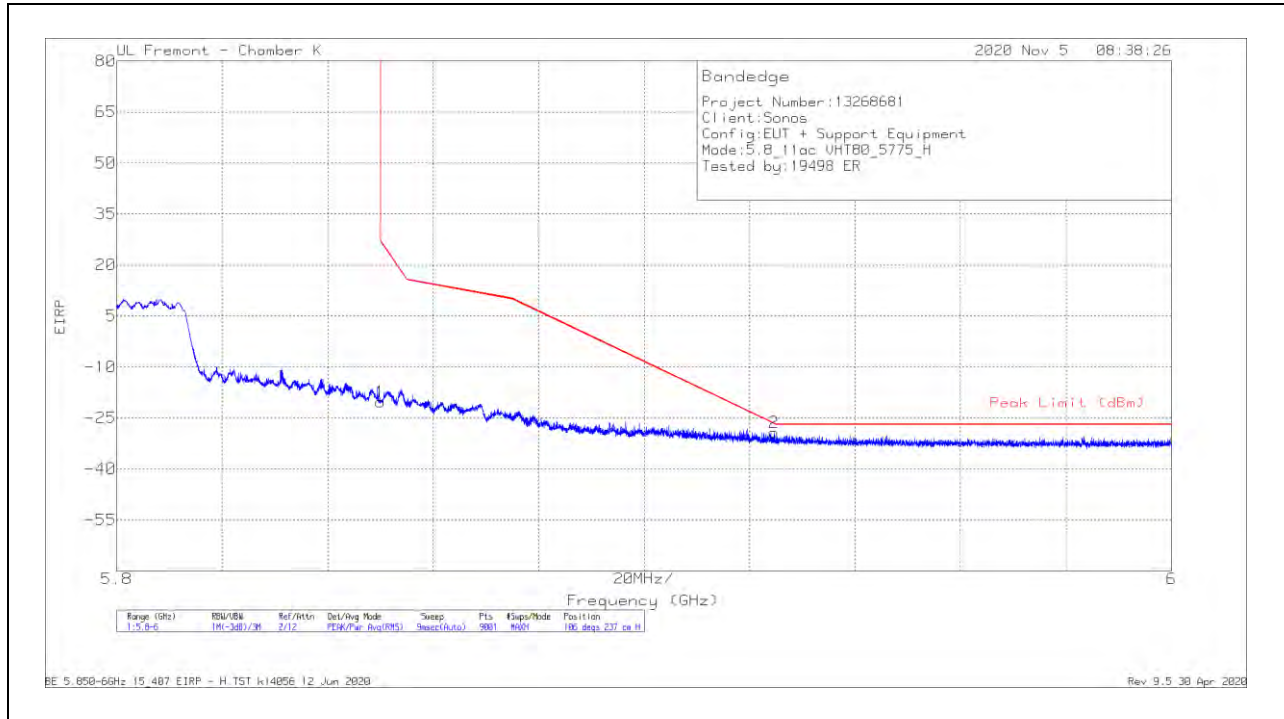
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-50.93	Pk	35.1	-6.8	11.8	-10.83	26.99	-37.82	234	101	V
2	5.6405	-68.02	Pk	35.3	-6.8	11.8	-27.72	-27	-72	234	101	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

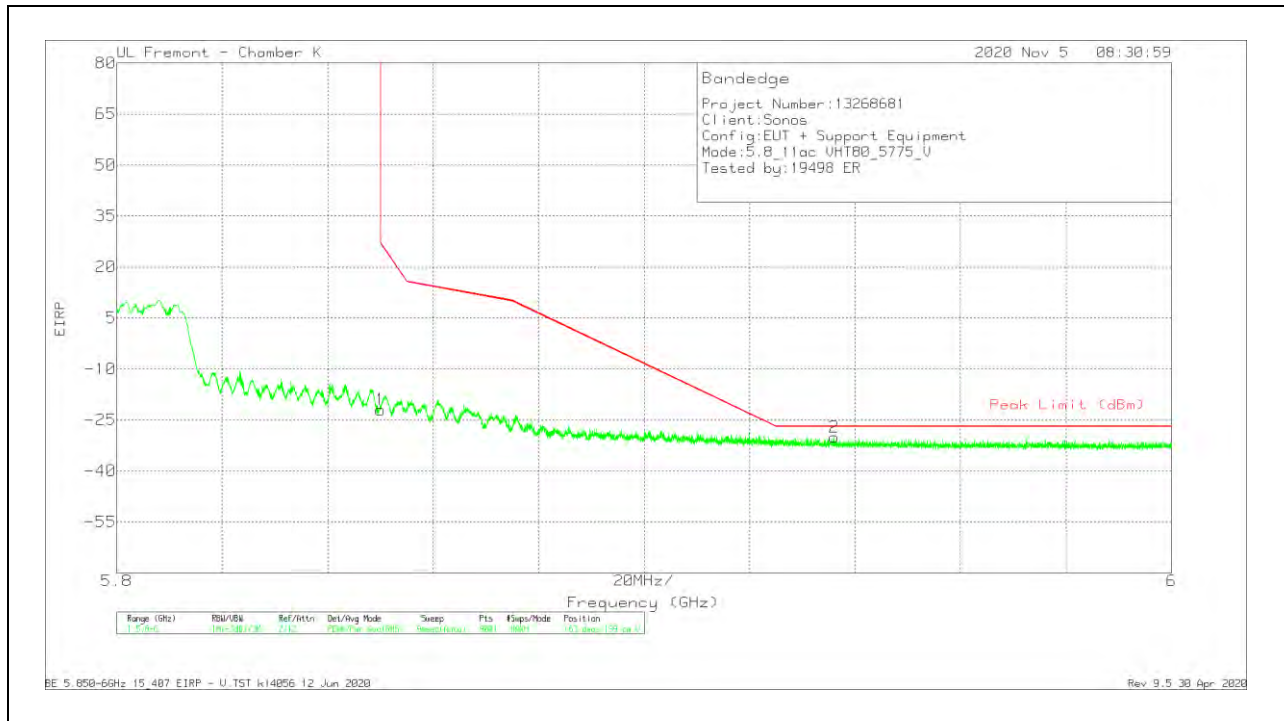


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-60.66	Pk	35.1	-6.5	11.8	-20.26	26.95	-47.21	106	237	H
2	5.92471	-70.07	Pk	35.3	-6.4	11.8	-29.37	-26.79	-2.58	106	237	H

Pk - Peak detector

VERTICAL RESULT



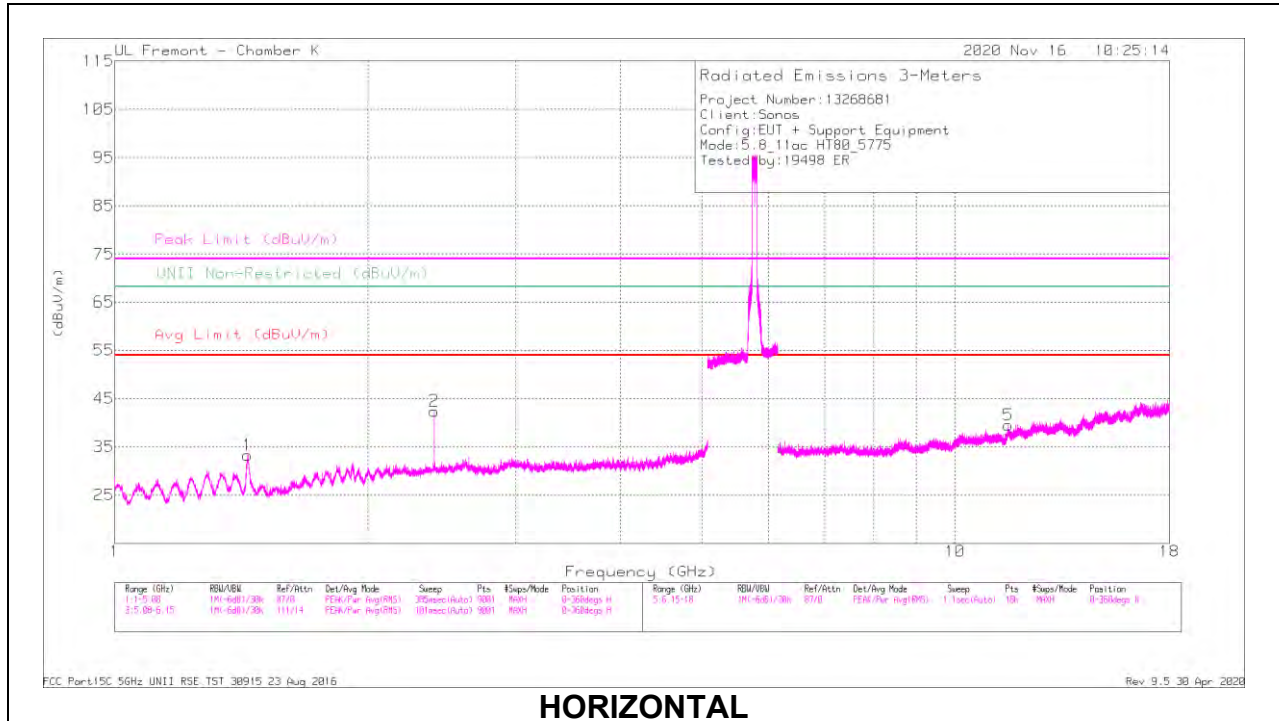
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-62.42	Pk	35.1	-6.5	11.8	-22.02	26.95	-48.97	163	199	V
2	5.93609	-70.72	Pk	35.3	-6.4	11.8	-30.02	-27	-3.02	163	199	V

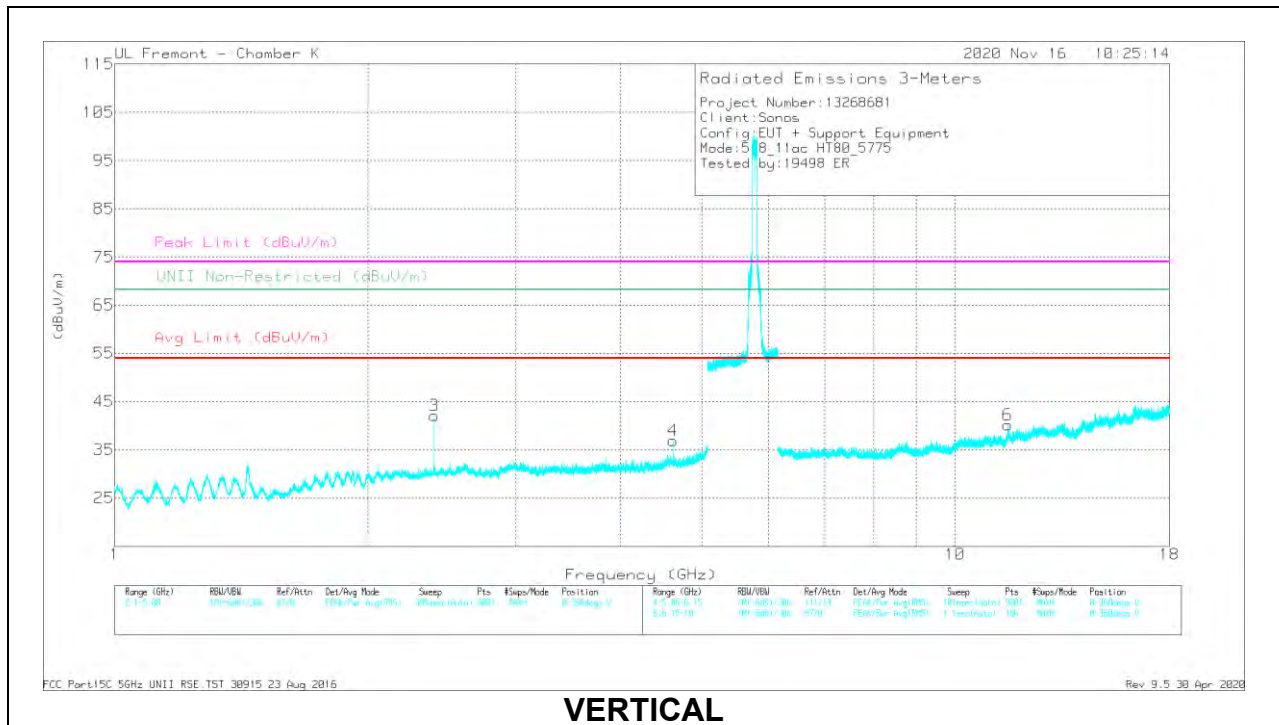
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/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	* 1.43822	64.26	PK-U	28.4	-46.3	0	46.36	-	-	74	-27.64	-	-	204	279	H
	* 1.44009	50.12	ADR	28.4	-46.3	.66	32.88	54	-21.12	-	-	-	-	204	279	H
2	2.39997	59.2	PK-U	32.4	-45	0	46.6	-	-	-	-	68.2	-21.6	169	200	H
3	2.40001	59.59	PK-U	32.4	-45	0	46.99	-	-	-	-	68.2	-21.21	314	290	V
4	* 4.6201	49.79	PK-U	34.4	-41.1	0	43.09	-	-	74	-30.91	-	-	185	99	V
	* 4.62003	40.65	ADR	34.4	-41.1	.66	34.61	54	-19.39	-	-	-	-	185	99	V
5	* 11.57707	46.66	PK-U	38.3	-36.1	0	48.86	-	-	74	-25.14	-	-	322	104	H
	* 11.57124	34.34	ADR	38.3	-36.2	.66	37.1	54	-16.9	-	-	-	-	322	104	H
6	* 11.57723	47.3	PK-U	38.3	-36.1	0	49.5	-	-	74	-24.5	-	-	171	192	V
	* 11.56884	35.27	ADR	38.3	-36.2	.66	38.03	54	-15.97	-	-	-	-	171	192	V

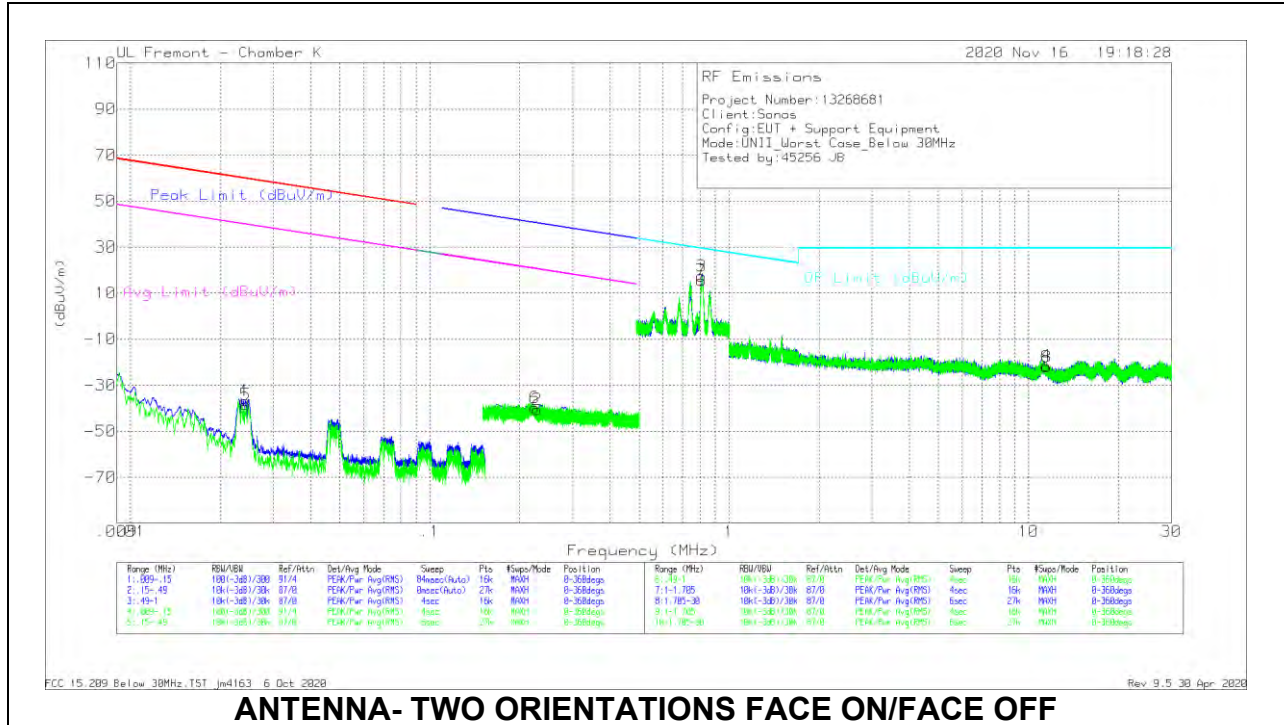
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

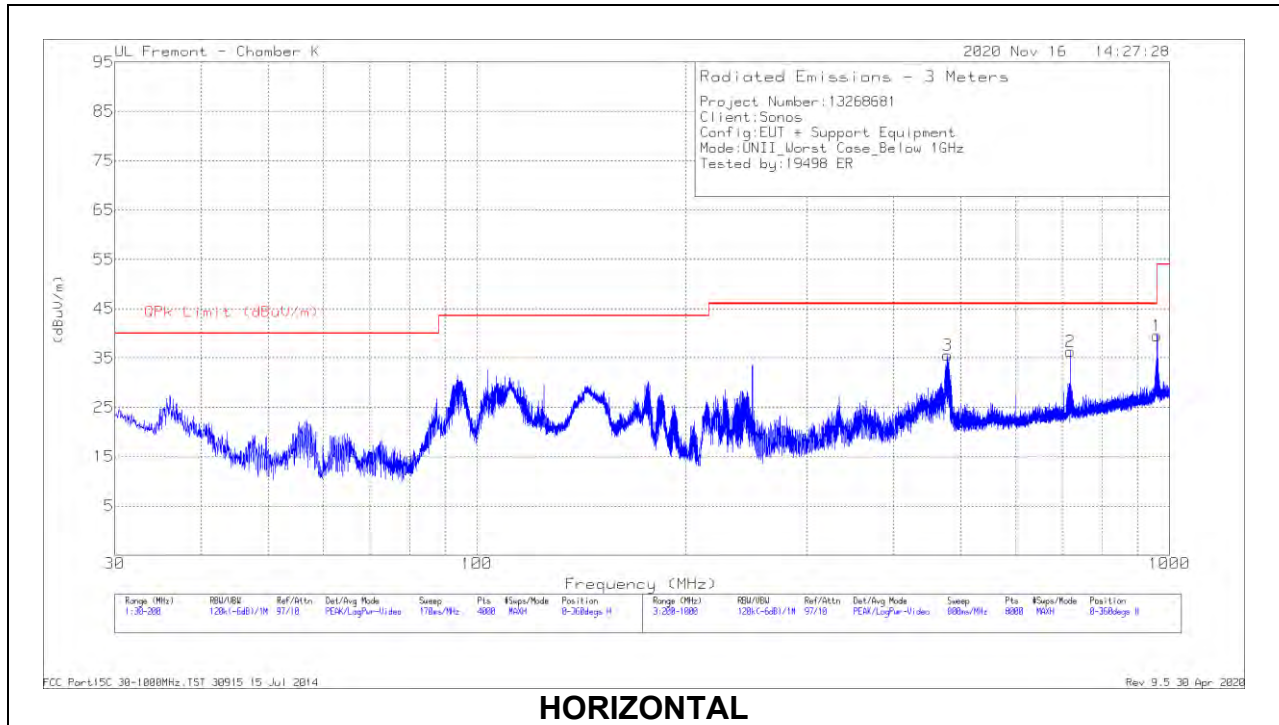
Marker	Frequency	Meter	Det	Loop Antenna (EACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected	Peak Limit (dBuV/m)	Margin	Avg Limit (dBuV/m)	Margin	Peak Limit (dBuV/m)	Margin	Avg Limit (dBuV/m)	Margin	Azimuth
1	0.02417	17.12	Pk	58.3	-32.1	-80	-36.68	59.92	-96.6	39.92	-76.6	-	-	-	-	0-360
2	0.22877	15.65	Pk	56	-32.2	-80	-40.55	-	-	-	-	40.43	-80.98	20.43	-60.98	0-360
5	0.0243	15.33	Pk	58.3	-32.1	-80	-38.47	59.87	-98.34	39.87	-78.34	-	-	-	-	0-360
6	0.2241	16.48	Pk	56	-32.2	-80	-39.72	-	-	-	-	40.61	-80.33	20.61	-60.33	0-360

Pk - Peak detector

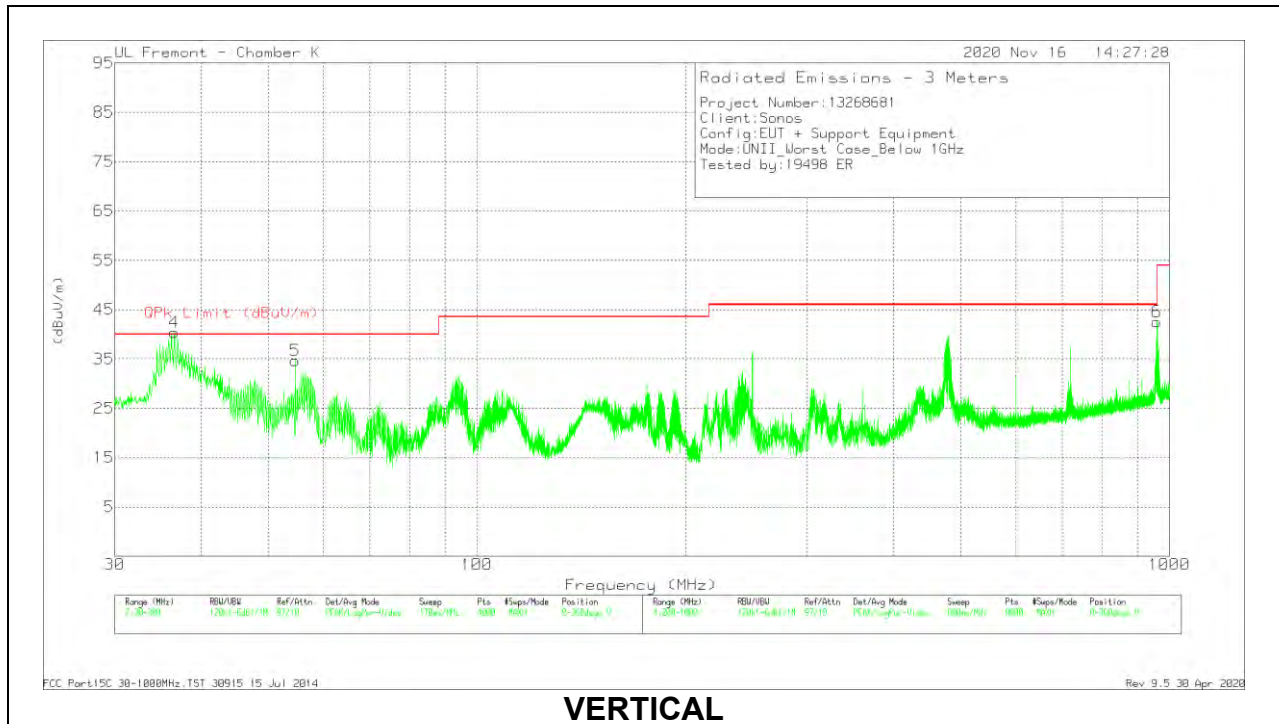
Marker	Frequency	Meter	Det	Loop Antenna (EACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected	QP Limit (dBuV/m)	Margin	Azimuth
3	0.80795	33.56	Pk	56	-32.2	-40	17.36	29.47	-12.11	0-360
7	0.80776	31.75	Pk	56	-32.2	-40	15.55	29.47	-13.92	0-360
4	11.41472	15.76	Pk	34.6	-31.8	-40	-21.44	29.5	-50.94	0-360
8	11.47655	15.15	Pk	34.6	-31.8	-40	-22.05	29.5	-51.55	0-360

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

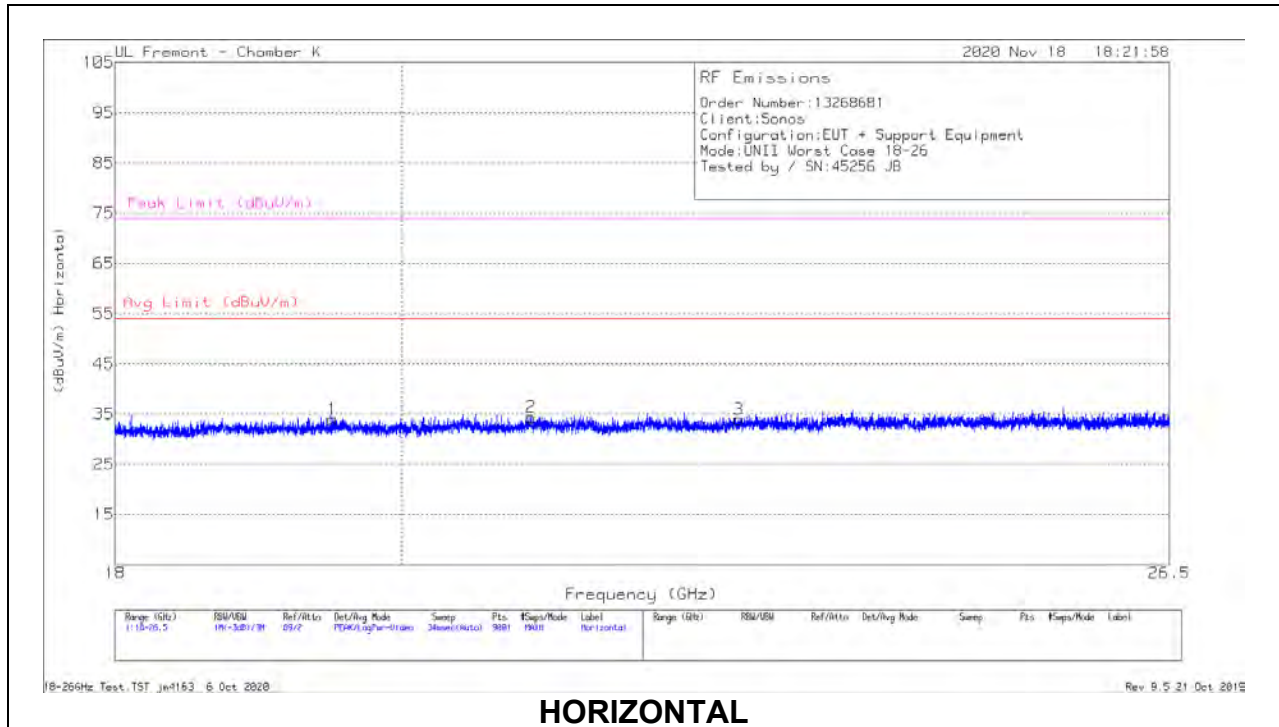
Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 81560 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	36.5892	49.04	Pk	22.9	-31.5	40.44	40	.44	0-360	100	V
	36.0797	46.89	Qp	23.3	-31.5	38.69	40	-1.31	218	96	V
5	54.6564	52.34	Pk	13.6	-31.3	34.64	40	-5.36	0-360	100	V
	56.035	47.88	Qp	13.5	-31.3	30.08	40	-9.92	117	103	V
1	959.9988	36.61	Pk	29.3	-26.4	39.51	46.02	-6.51	0-360	100	H
2	720.0676	38.17	Pk	26.8	-28.6	36.37	46.02	-9.65	0-360	200	H
3	478.6362	41.01	Pk	23.8	-29.2	35.61	46.02	-10.41	0-360	200	H
6	959.9988	39.71	Pk	29.3	-26.4	42.61	46.02	-3.41	0-360	99	V
	959.9911	41.25	Qp	29.3	-26.4	44.15	46.02	-1.87	171	97	V

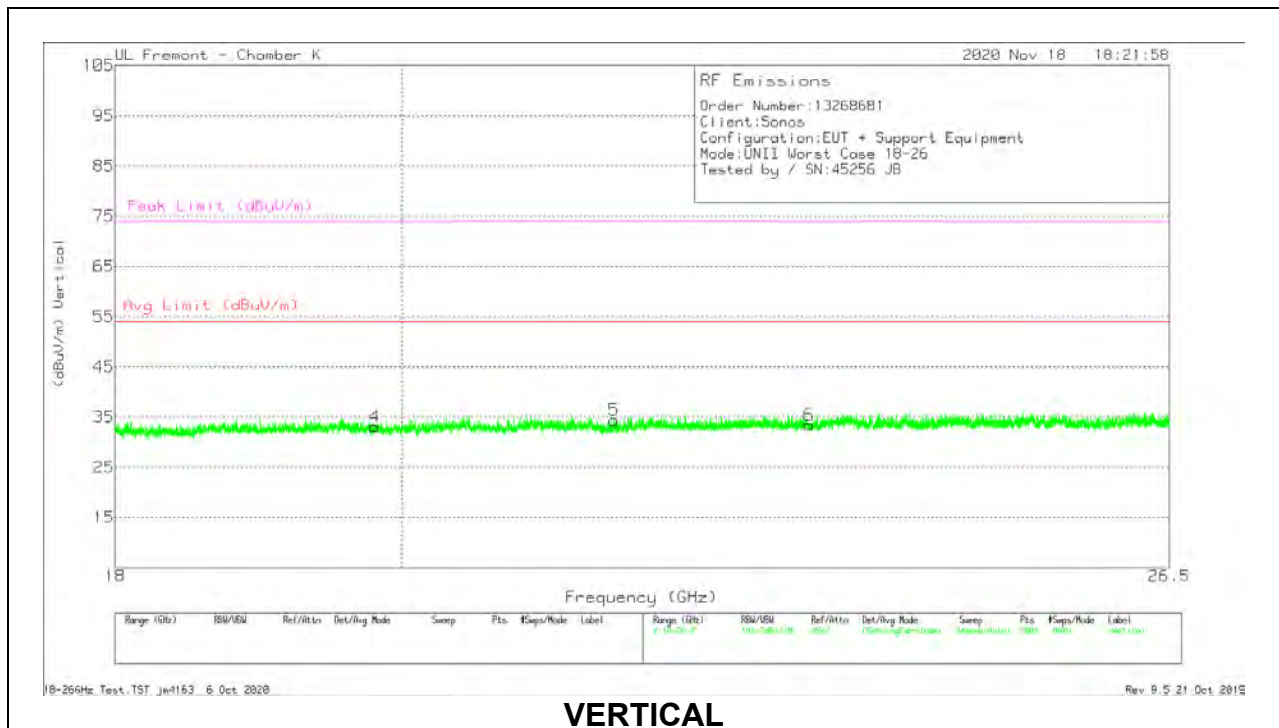
Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHZ



HORIZONTAL



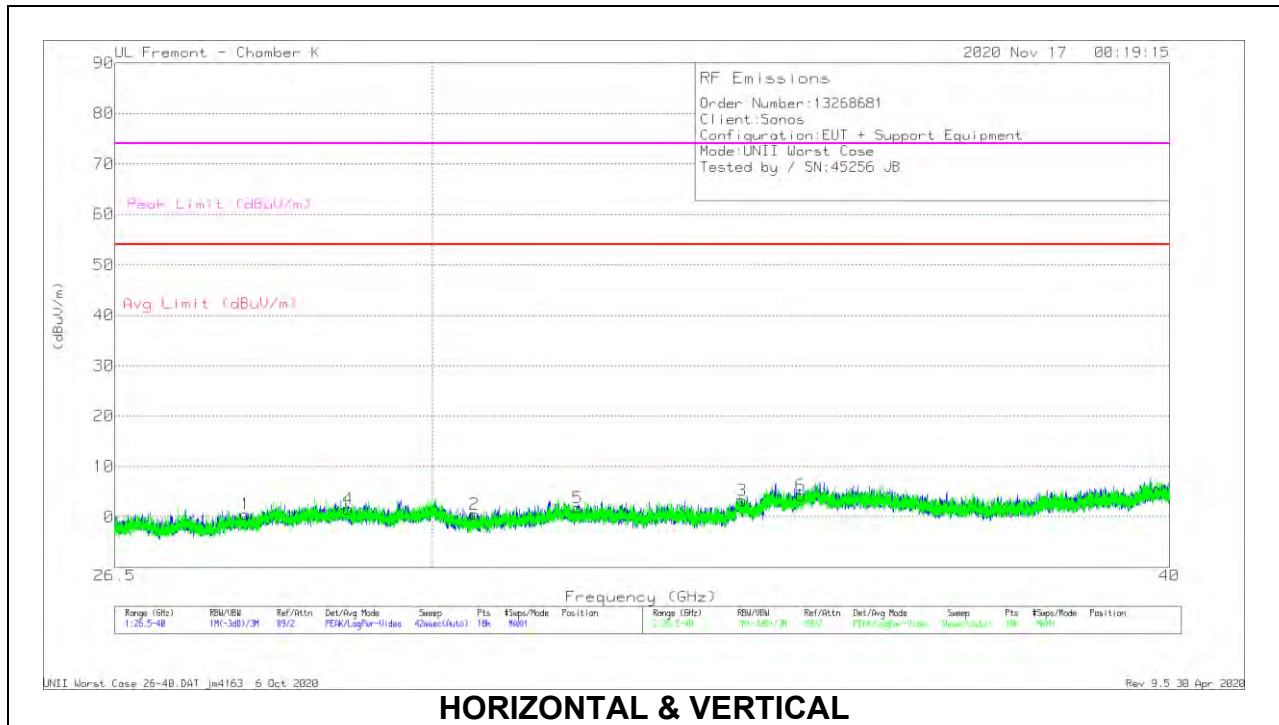
VERTICAL

18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.49411	67.8	Pk	32.8	-57.1	-9.5	34	54	-20	74	-40
2	20.9665	67.66	Pk	33.3	-57.1	-9.5	34.36	54	-19.64	74	-39.64
3	22.62778	67.51	Pk	33.6	-57.7	-9.5	33.91	54	-20.09	74	-40.09
4	19.80011	66.8	Pk	32.8	-57	-9.5	33.1	54	-20.9	74	-40.9
5	21.61722	68	Pk	33.2	-57.3	-9.5	34.4	54	-19.6	74	-39.6
6	23.219	66.54	Pk	33.8	-57.4	-9.5	33.44	54	-20.56	74	-40.56

Pk - Peak detector

10.5. WORST CASE 26-40 GHZ



HORIZONTAL & VERTICAL

26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T446 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	27.88825	28.67	Pk	36.1	-54.7	-9.5	.57	54	-53.43	74	-73.43
2	30.493	27.26	Pk	36.8	-54	-9.5	.56	54	-53.44	74	-73.44
3	33.85075	28.84	Pk	37.4	-53.5	-9.5	3.24	54	-50.76	74	-70.76
4	29.03275	27.52	Pk	36.3	-52.8	-9.5	1.52	54	-52.48	74	-72.48
5	31.75075	27.54	Pk	37.2	-53.4	-9.5	1.84	54	-52.16	74	-72.16
6	34.63975	30.71	Pk	37.6	-54.5	-9.5	4.31	54	-49.69	74	-69.69

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.

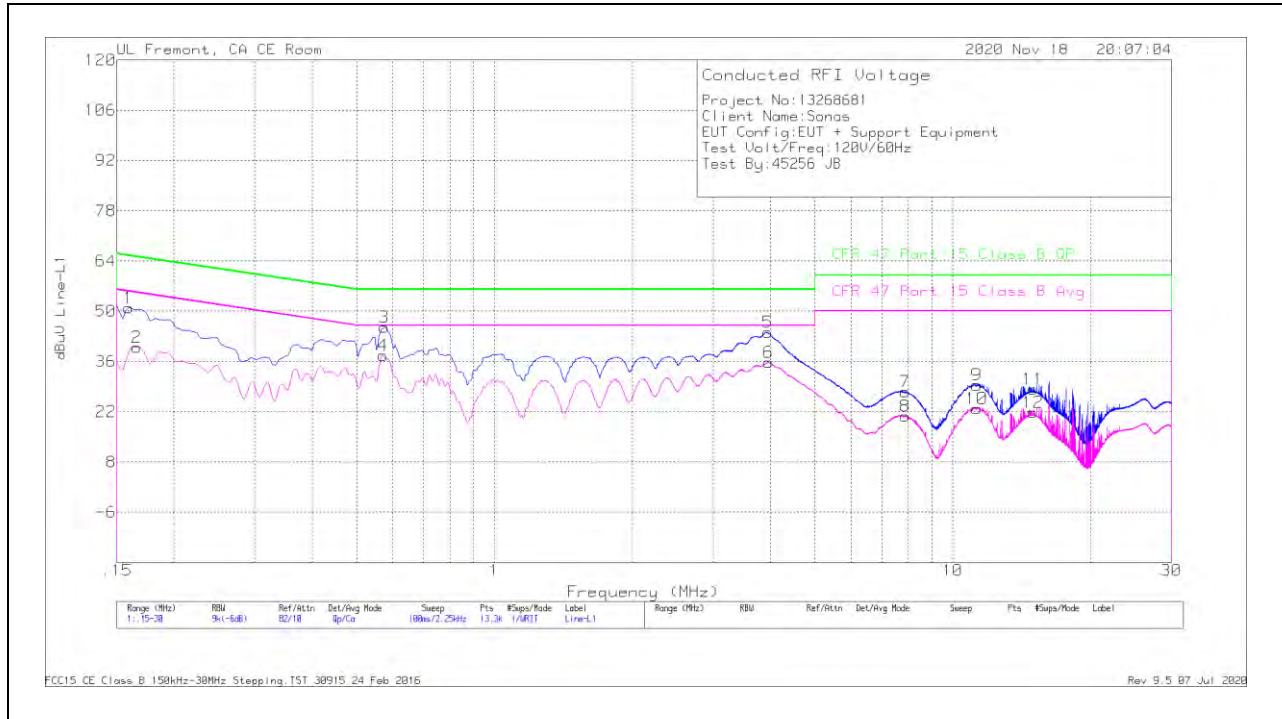
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS



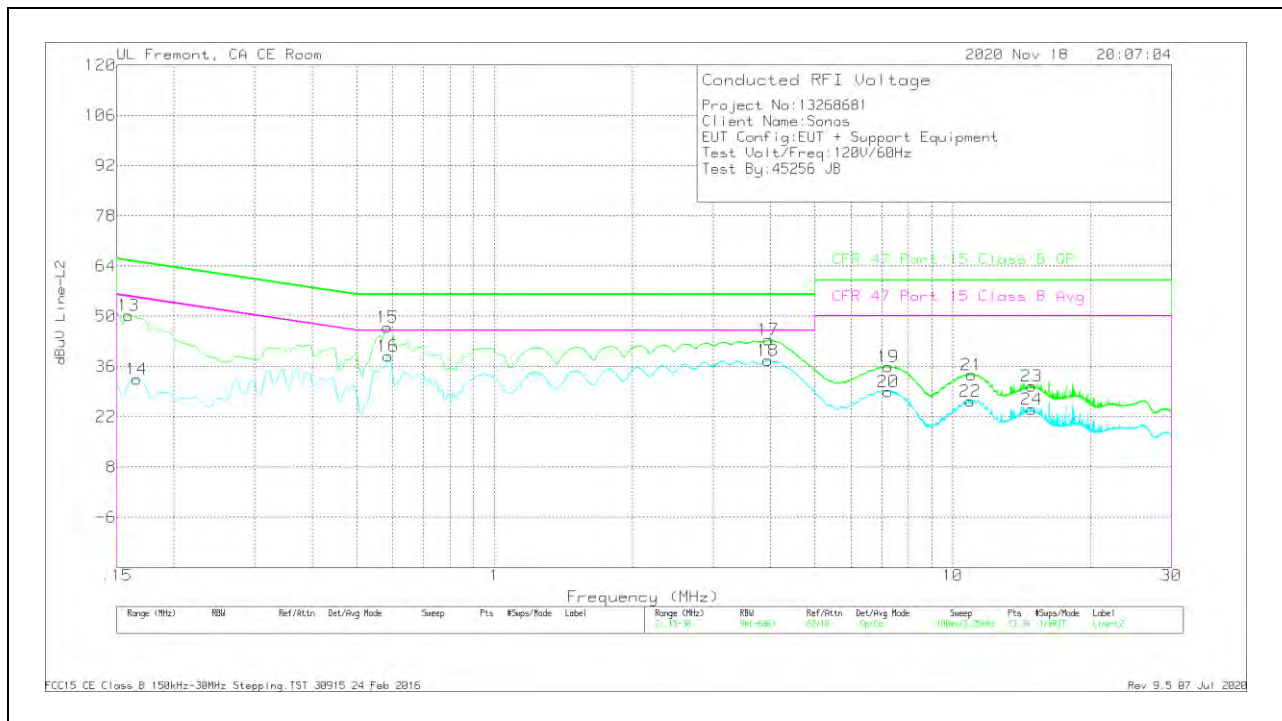
Trace Markers

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L1	LC Cables C1&C3 dB	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)M argin (dB)
1	.159	40.78	Qp	.1	0	10.1	50.98	65.52	-14.54	-	-
2	.16575	29.93	Ca	0	0	10.1	40.03	-	-	55.17	-15.14
3	.57525	35.44	Qp	0	0	10.1	45.54	56	-10.46	-	-
4	.57075	27.64	Ca	0	0	10.1	37.74	-	-	46	-8.26
5	3.9435	33.77	Qp	0	.1	10.2	44.07	56	-11.93	-	-
6	3.96375	25.42	Ca	0	.1	10.2	35.72	-	-	46	-10.28
7	7.87875	17.2	Qp	0	.1	10.2	27.5	60	-32.5	-	-
8	7.881	10.5	Ca	0	.1	10.2	20.8	-	-	50	-29.2
9	11.28525	18.91	Qp	.1	.2	10.2	29.41	60	-30.59	-	-
10	11.28525	12.42	Ca	.1	.2	10.2	22.92	-	-	50	-27.08
11	14.946	17.77	Qp	0	.2	10.3	28.27	60	-31.73	-	-
12	14.946	11.31	Ca	0	.2	10.3	21.81	-	-	50	-28.19

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE018644 6 LISN L2	LC Cables C2&C3 dB	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
13	.159	40.18	Qp	0	0	10.1	50.28	65.52	-15.24	-	-
14	.16575	22.29	Ca	0	0	10.1	32.39	-	-	55.17	-22.78
15	.58425	36.86	Qp	0	0	10.1	46.96	56	-9.04	-	-
16	.5865	28.78	Ca	0	0	10.1	38.88	-	-	46	-7.12
17	3.96713	33.12	Qp	0	.1	10.2	43.42	56	-12.58	-	-
18	3.94463	27.45	Ca	0	.1	10.2	37.75	-	-	46	-8.25
19	7.23075	25.62	Qp	0	.1	10.2	35.92	60	-24.08	-	-
20	7.2285	18.74	Ca	0	.1	10.2	29.04	-	-	50	-20.96
21	10.97475	23.33	Qp	0	.2	10.2	33.73	60	-26.27	-	-
22	10.93425	15.89	Ca	0	.2	10.2	26.29	-	-	50	-23.71
23	14.88525	20	Qp	.1	.2	10.3	30.6	60	-29.4	-	-
24	14.88525	13.43	Ca	.1	.2	10.3	24.03	-	-	50	-25.97

Qp - Quasi-Peak detector

Ca - CISPR average detection