

RADIATED EMISSIONS

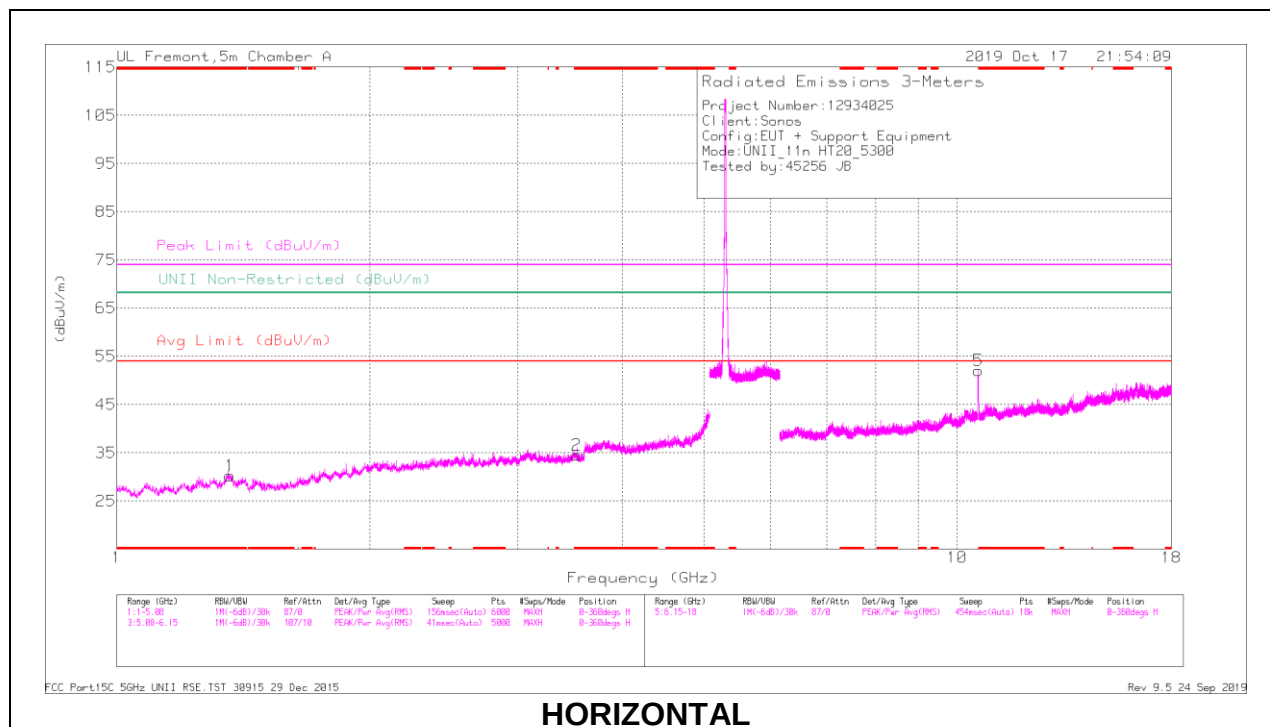
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.507	39.66	PK-U	32.7	-32.8	0	39.56	-	-	74	-34.44	-	-	66	130	H
	* 3.507	31.12	ADR	32.7	-32.8	.31	31.33	54	-22.67	-	-	-	-	66	130	H
4	* 3.666	38.57	PK-U	33	-32.3	0	39.27	-	-	74	-34.73	-	-	123	281	V
	* 3.666	29.11	ADR	33	-32.3	.31	30.12	54	-23.88	-	-	-	-	123	281	V
2	* 7.429	33.64	PK-U	35.5	-26.6	0	42.54	-	-	74	-31.46	-	-	244	299	H
	* 7.43	23.7	ADR	35.5	-26.6	.31	32.91	54	-21.09	-	-	-	-	244	299	H
3	10.291	31.22	PK-U	37.3	-23.5	0	45.02	-	-	-	-	68.2	-23.18	235	317	H
	* 7.737	32.07	PK-U	35.7	-25.6	0	43.17	-	-	-	-	-	-	131	180	V
5	* 7.734	23.45	ADR	35.7	-25.6	.31	33.86	54	-20.14	-	-30.83	-	-	131	180	V
	10.52	31.07	PK-U	37.6	-22.5	0	46.17	-	-	-	-	68.2	-22.03	151	187	V
6	* 3.507	39.66	PK-U	32.7	-32.8	0	39.56	-	-	74	-34.44	-	-	66	130	H
	* 3.507	31.12	ADR	32.7	-32.8	.31	31.33	54	-22.67	-	-	-	-	66	130	H

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

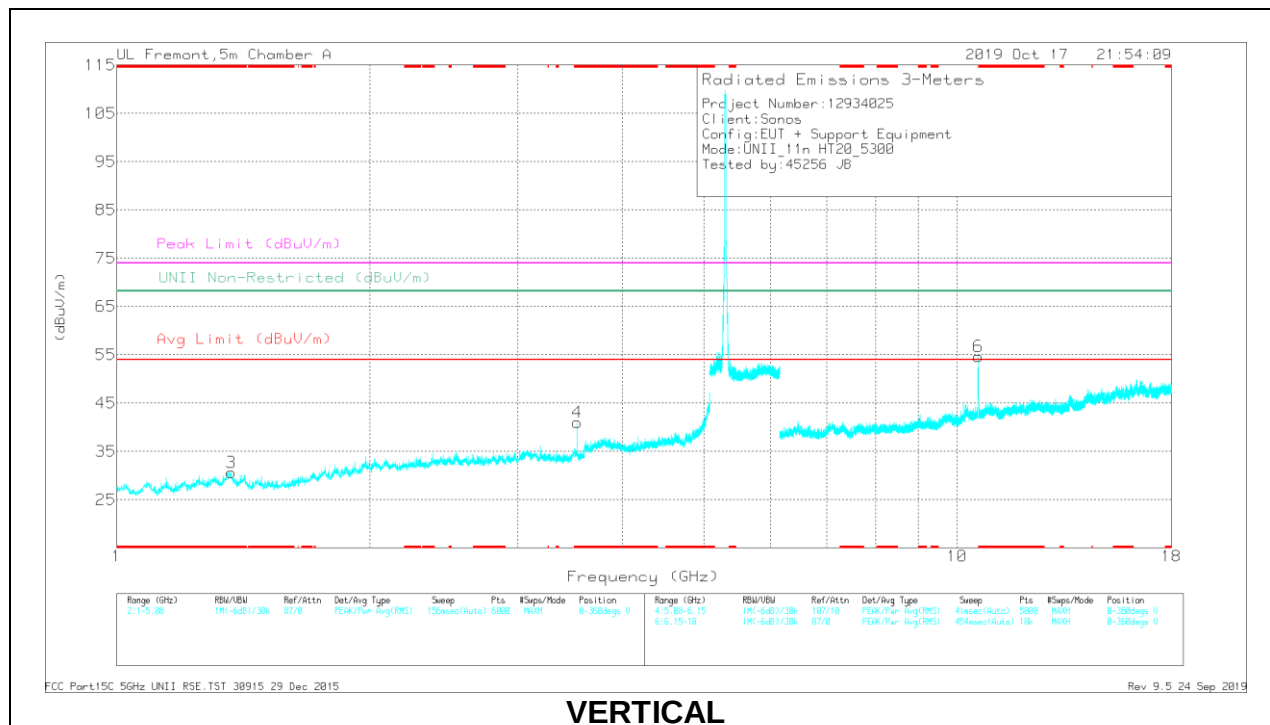
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

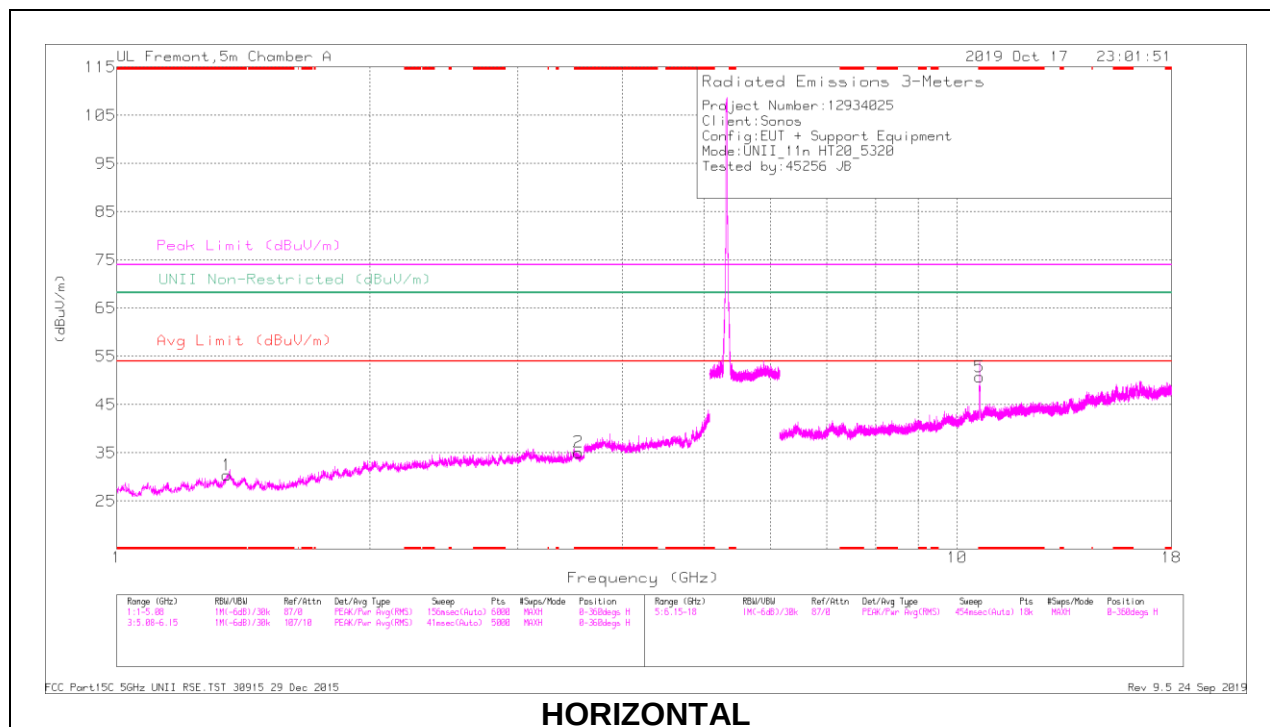
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.36241	39.08	PK-U	29.6	-31.6	0	37.08	-	-	74	-36.92	-	-	265	303	H
	* 1.36156	27.64	ADR	29.5	-31.6	.31	25.85	54	-28.15	-	-	-	-	265	303	H
2	* 3.52942	37.34	PK-U	33.1	-28.6	0	41.84	-	-	74	-32.16	-	-	96	104	H
	* 3.52775	25.3	ADR	33.1	-28.6	.31	30.11	54	-23.89	-	-	-	-	96	104	H
3	* 1.36661	38.94	PK-U	29.6	-31.6	0	36.94	-	-	74	-37.06	-	-	48	314	V
	* 1.36611	27.19	ADR	29.6	-31.6	.31	25.5	54	-28.5	-	-	-	-	48	314	V
4	* 3.53356	38.34	PK-U	33.1	-28.6	0	42.84	-	-	74	-31.16	-	-	48	140	V
	* 3.53333	28.06	ADR	33.1	-28.6	.31	32.87	54	-21.13	-	-	-	-	48	140	V
5	* 11.47825	31.45	PK-U	38	-19.4	0	50.05	-	-	74	-23.95	-	-	94	301	H
	* 11.56075	19.97	ADR	38.2	-19.8	.31	38.68	54	-15.32	-	-	-	-	94	301	H
6	* 11.61813	31.53	PK-U	38.2	-19.7	0	50.03	-	-	74	-23.97	-	-	81	101	V
	* 11.57763	20.35	ADR	38.1	-19.8	.31	38.96	54	-15.04	-	-	-	-	81	101	V

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

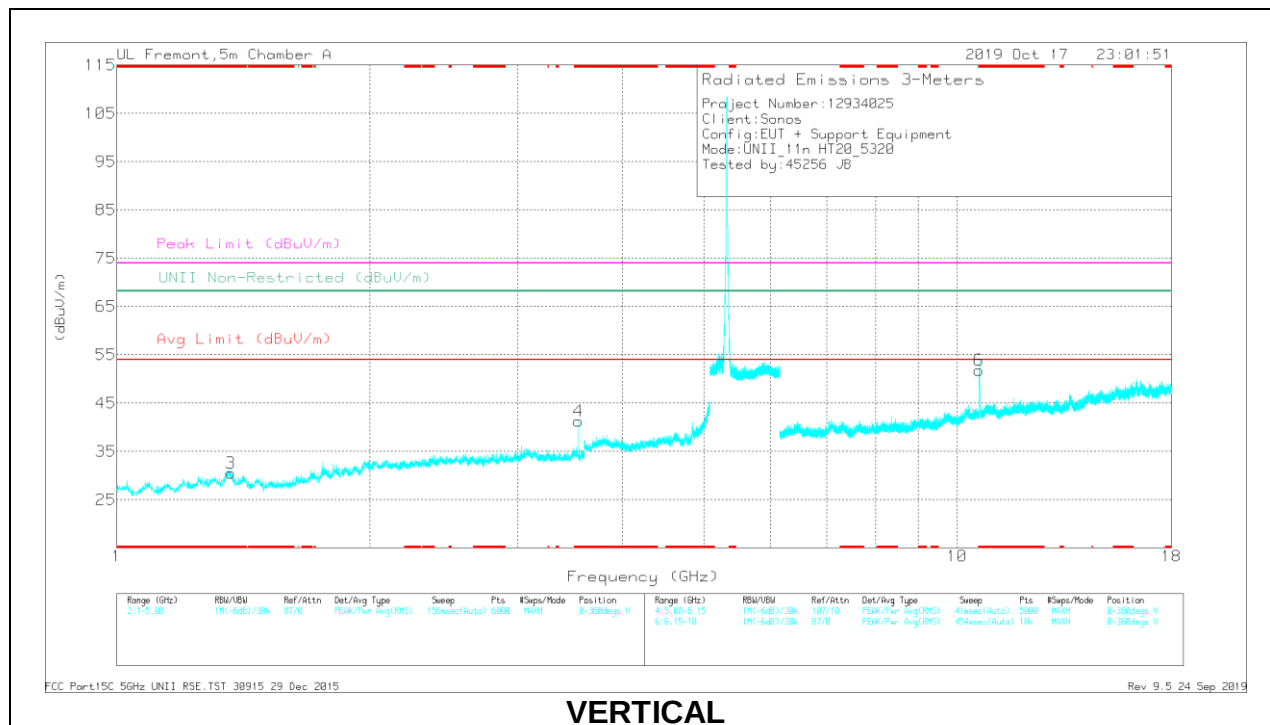
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/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	* 1.35395	39.89	PK-U	29.6	-31.6	0	37.89	-	-	74	-36.11	-	-	62	279	H
	* 1.35407	27.63	ADR	29.6	-31.6	.31	25.94	54	-28.06	-	-	-	-	62	279	H
2	* 3.54656	37.54	PK-U	33.1	-28.8	0	41.84	-	-	74	-32.16	-	-	144	227	H
	* 3.54666	27.67	ADR	33.1	-28.8	.31	32.28	54	-21.72	-	-	-	-	144	227	H
3	* 1.36448	39.19	PK-U	29.6	-31.6	0	37.19	-	-	74	-36.81	-	-	130	209	V
	* 1.36396	27.67	ADR	29.6	-31.6	.31	25.98	54	-28.02	-	-	-	-	130	209	V
4	* 3.54676	40.29	PK-U	33.1	-28.8	0	44.59	-	-	74	-29.41	-	-	136	178	V
	* 3.54662	33.65	ADR	33.1	-28.8	.31	38.26	54	-15.74	-	-	-	-	136	178	V
5	* 10.63242	39.31	PK-U	37.8	-20	0	57.11	-	-	74	-16.89	-	-	96	286	H
	* 10.63438	26.45	ADR	37.8	-19.9	.31	44.66	54	-9.34	-	-	-	-	96	286	H
6	* 10.63232	37.04	PK-U	37.8	-20	0	54.84	-	-	74	-19.16	-	-	62	129	V
	* 10.6335	23.9	ADR	37.8	-19.9	.31	42.11	54	-11.89	-	-	-	-	62	129	V

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

PK-U - U-NII: Maximum Peak

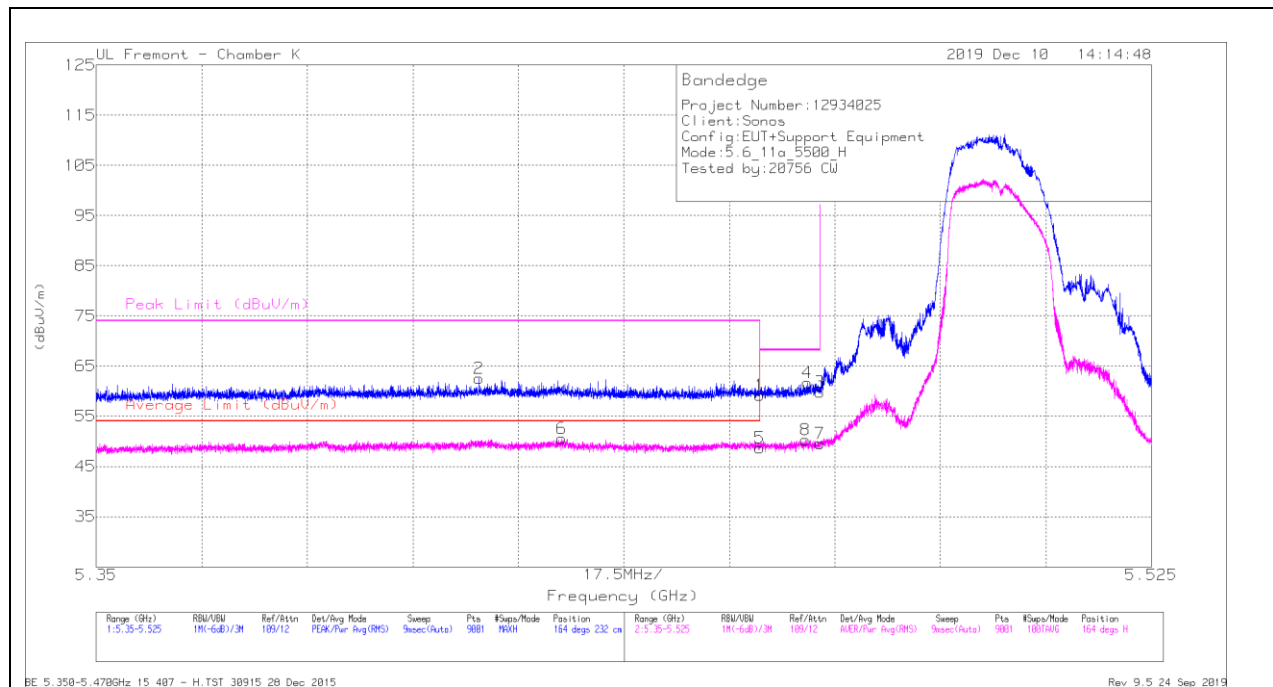
ADR - U-NII AD primary method, RMS average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

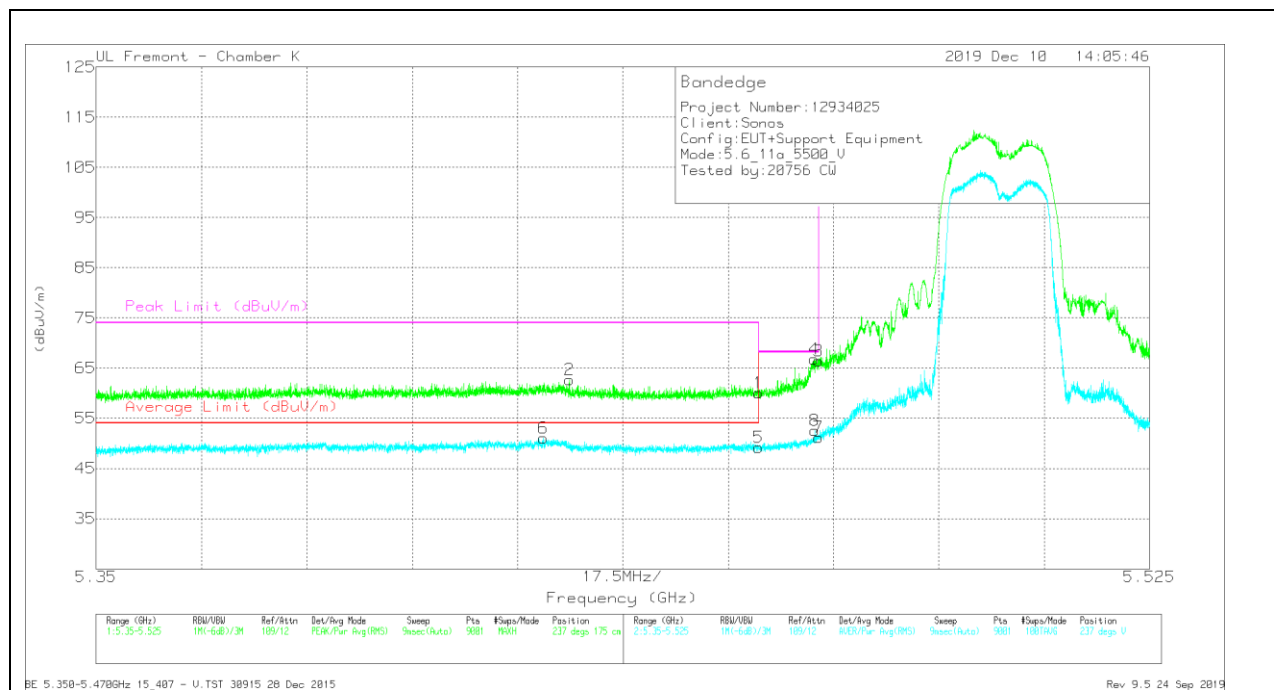
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/CbI/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	32.22	Pk	34.5	-7.5	59.22	-	-	74	-14.78	164	232	H
2	* 5.41347	35.89	Pk	34.5	-7.8	62.59	-	-	74	-11.41	164	232	H
3	5.46999	32.81	Pk	34.5	-7.5	59.81	-	-	68.2	-8.39	164	232	H
4	5.46797	34.63	Pk	34.5	-7.4	61.73	-	-	68.2	-6.47	164	232	H
5	* 5.45999	21.69	RMS	34.5	-7.5	48.69	54	-5.31	-	-	164	232	H
6	* 5.42713	23.7	RMS	34.5	-7.6	50.6	54	-3.4	-	-	164	232	H
7	5.46999	22.6	RMS	34.5	-7.5	49.6	-	-	-	-	164	232	H
8	5.46766	23.28	RMS	34.4	-7.4	50.28	-	-	-	-	164	232	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



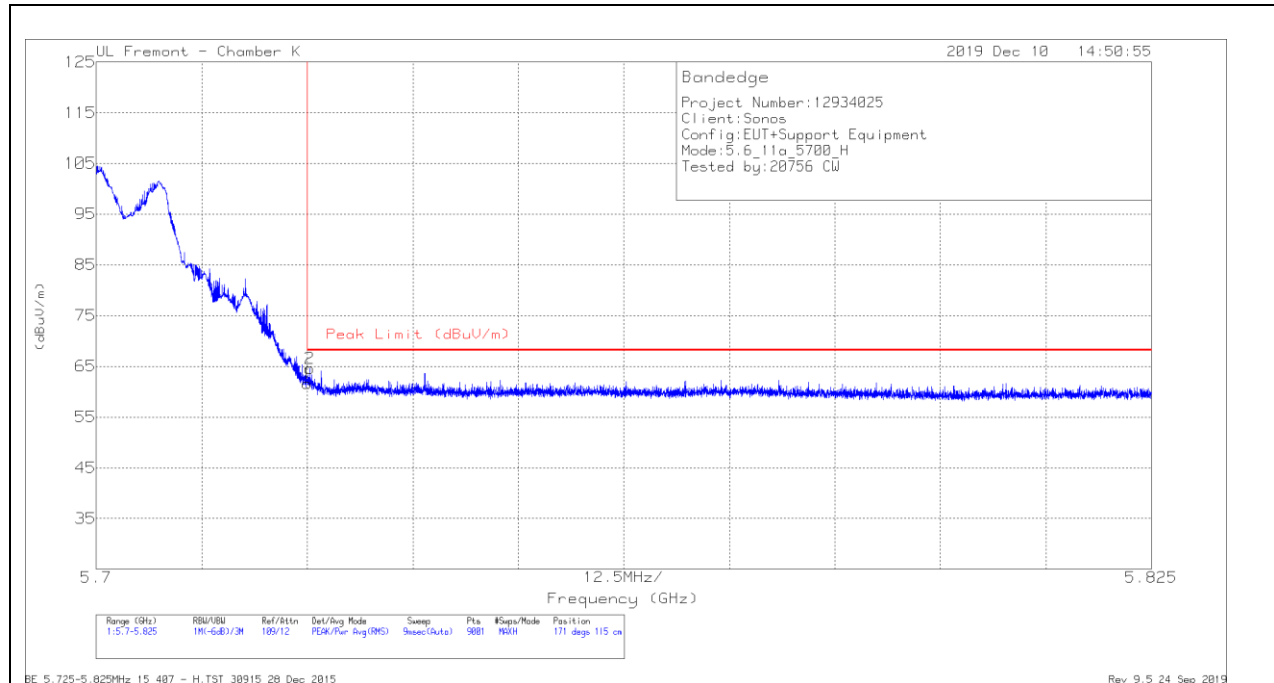
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/CbI/Ftr/Pad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45999	33.04	Pk	34.5	-7.5	60.04	-	-	74	-13.96	237	175	V
2	* 5.42863	35.74	Pk	34.5	-7.6	62.64	-	-	74	-11.36	237	175	V
3	5.46999	39.42	Pk	34.5	-7.5	66.42	-	-	68.2	-1.78	237	175	V
4	5.46931	39.84	Pk	34.5	-7.5	66.84	-	-	68.2	-1.36	237	175	V
5	* 5.45999	22.24	RMS	34.5	-7.5	49.24	54	-4.76	-	-	237	175	V
6	* 5.42432	24.15	RMS	34.5	-7.6	51.05	54	-2.95	-	-	237	175	V
7	5.46999	24.17	RMS	34.5	-7.5	51.17	-	-	-	-	237	175	V
8	5.46939	25.56	RMS	34.5	-7.5	52.56	-	-	-	-	237	175	V

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

Pk - Peak detector

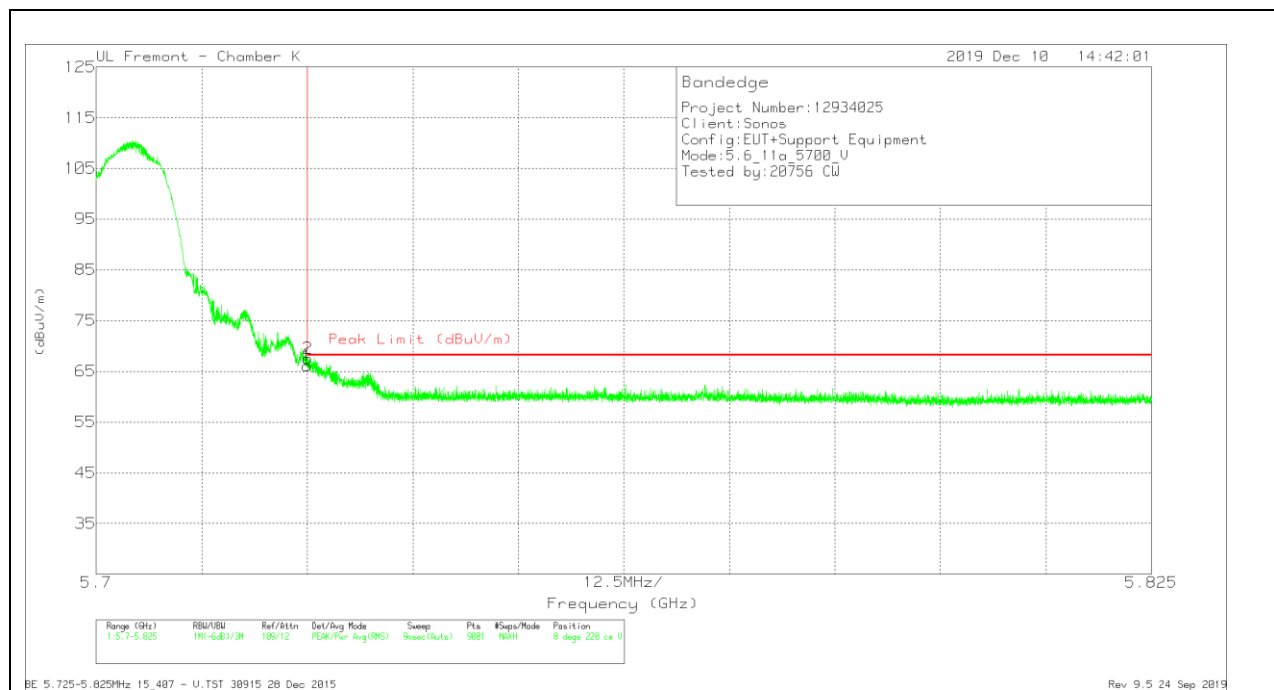
RMS - RMS detection

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT****Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.08	Pk	34.8	-7.3	61.58	68.2	-6.62	171	115	H
2	5.72526	37.12	Pk	34.8	-7.3	64.62	68.2	-3.58	171	115	H

Pk - Peak detector

VERTICAL RESULT



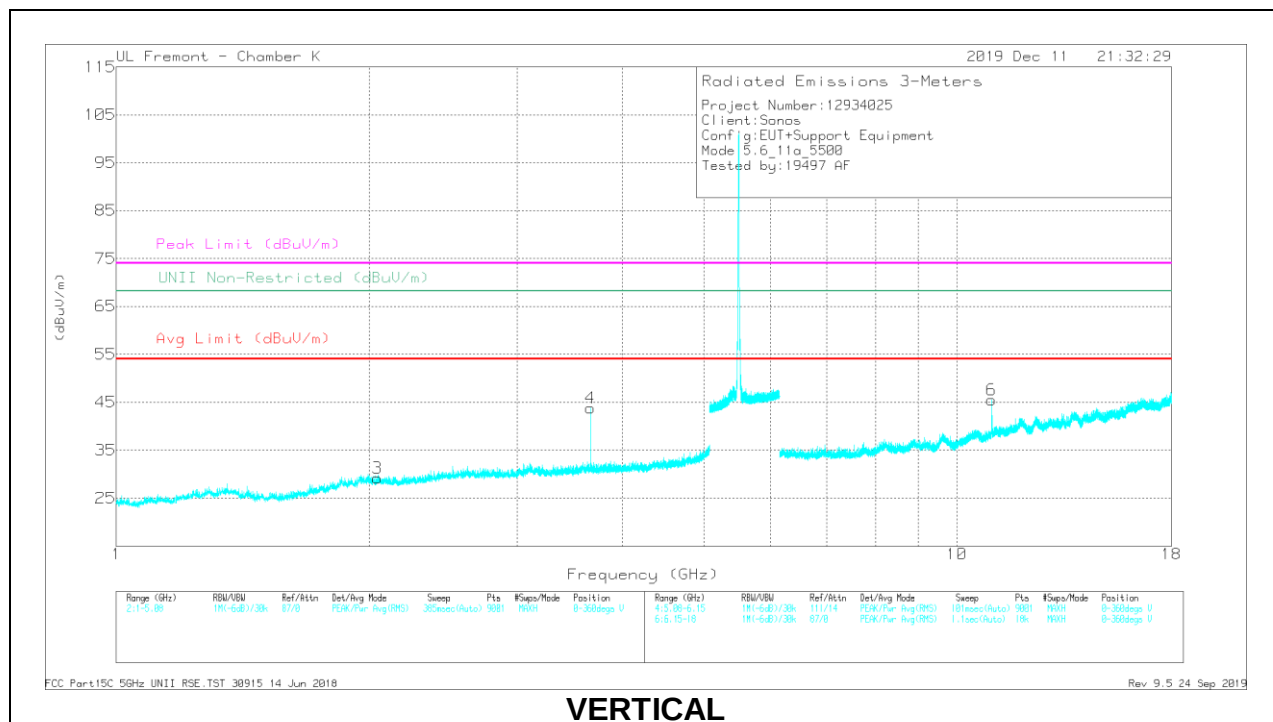
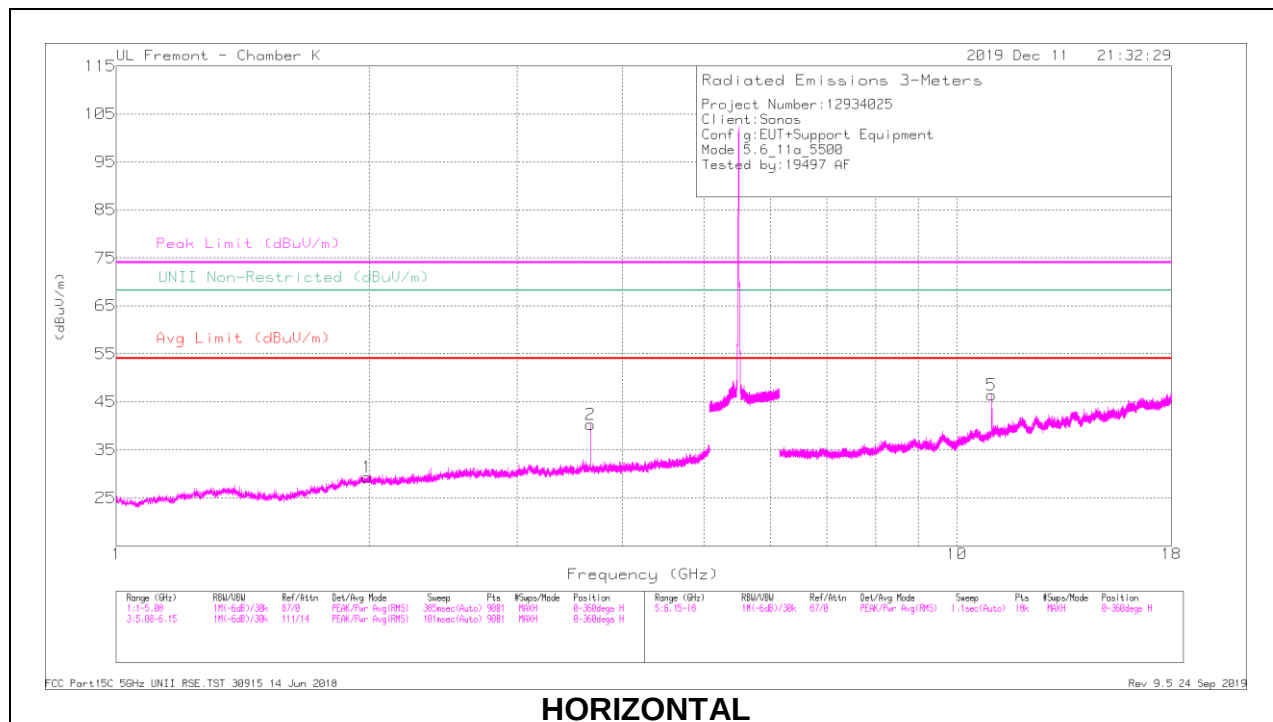
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF EMC4294 (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	38.59	Pk	34.8	-7.3	66.09	68.2	-2.11	8	220	V
2	5.72504	40.03	Pk	34.8	-7.3	67.53	68.2	-0.67	8	220	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

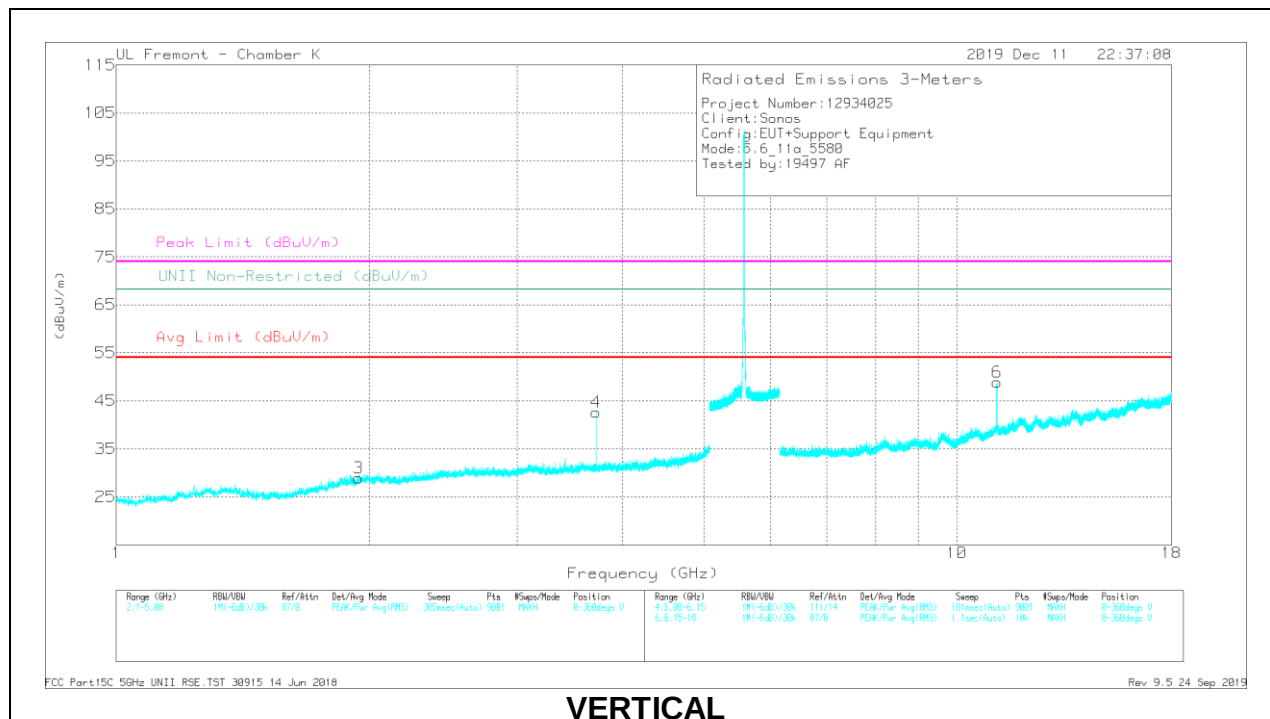
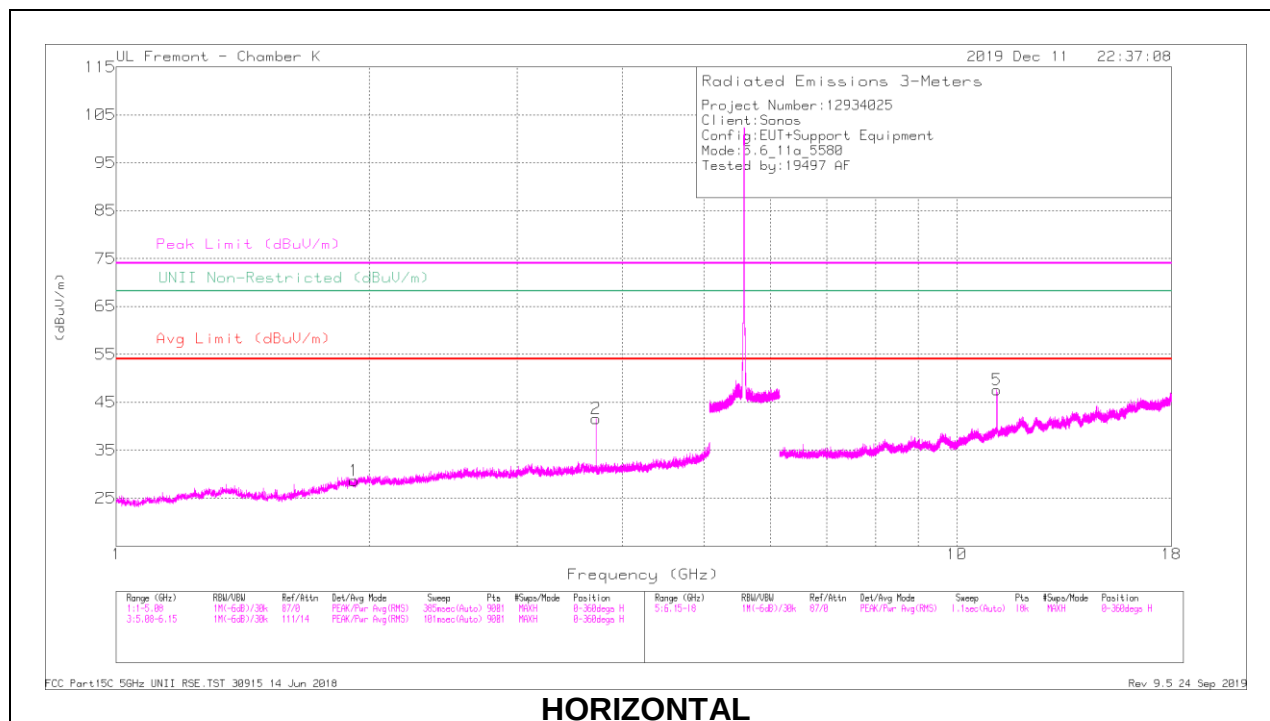
Marker	Frequency (MHz)	Meas Reading (dBuV)	Det	AF EMCdB (dBm)	Amplitude (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LRM Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (ft/m)	Height (ft/m)	Polarity
1	1.99738	40.87	PK-U	31.6	-36.2	0	37.27	-	-	-	-	68.2	-30.93	214	145	H
2	* 3.66667	43.34	PK-U	32.9	-32.3	0	43.94	-	-	74	-30.06	-	-	39	106	H
	* 3.66666	39.1	ADR	32.9	-32.3	0	39.7	54	-14.3	-	-	-	-	39	106	H
3	2.04196	40.98	PK-U	31.4	-35.1	0	37.28	-	-	-	-	68.2	-30.92	329	192	V
4	* 3.66662	45.48	PK-U	32.8	-32.3	0	46.08	-	-	74	-27.92	-	-	304	127	V
	* 3.66666	42.56	ADR	32.9	-32.3	0	43.16	54	-10.84	-	-	-	-	304	127	V
5	* 10.99837	39.61	PK-U	37.9	-22.1	0	55.41	-	-	74	-18.59	-	-	251	157	H
	* 10.99725	28.68	ADR	37.9	-22.1	0	44.48	54	-9.52	-	-	-	-	251	157	H
6	* 10.99687	41.21	PK-U	37.8	-22.1	0	57.01	-	-	74	-16.99	-	-	221	193	V
	* 10.99837	29.26	ADR	37.9	-22.1	0	45.06	54	-8.94	-	-	-	-	221	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

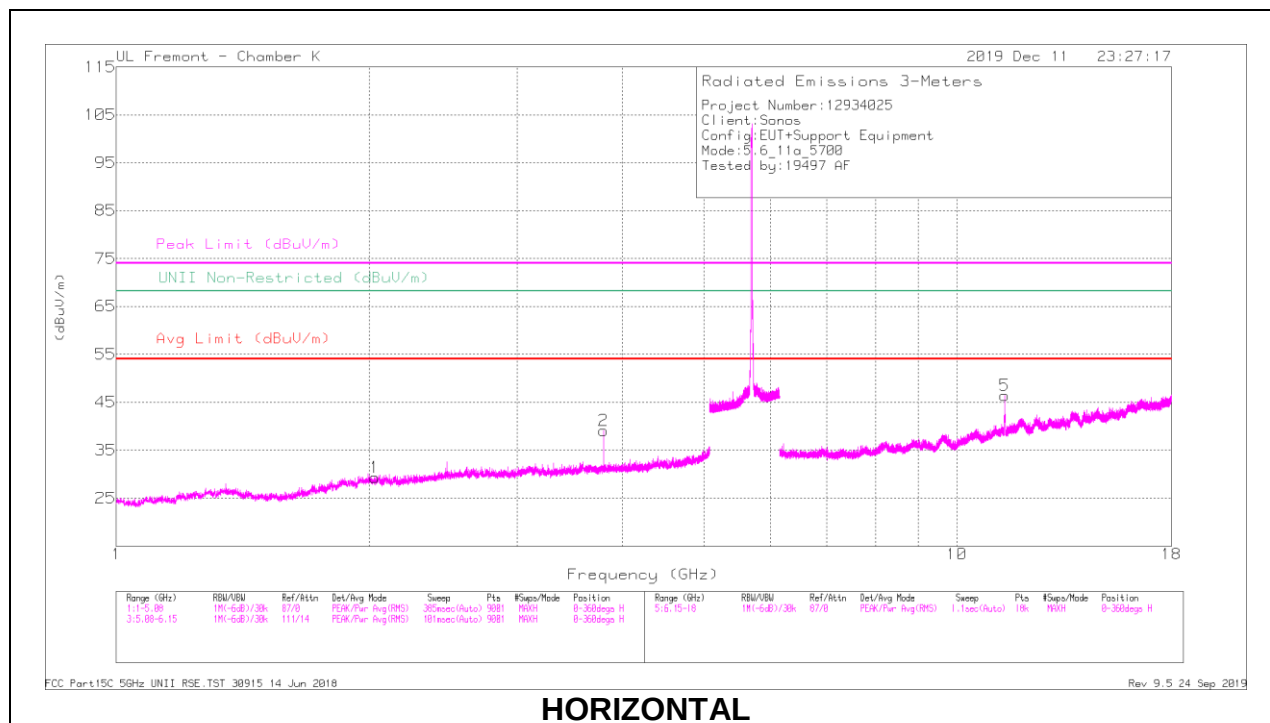
Marker	Frequency (MHz)	Meas Reading (dBuV)	Det	AF EMCdB (dBm)	Amplitude (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LRM Non-Restricted (dBuV/m)	PK Margin (dB)	Antenn (dBi)	Height (m)	Polarity
1	1.01738	42.56	PK-U	30.0	-35.2	0	37.96	-	-	-	-	68.2	-30.24	137	181	H
2	* 3.71595	43.36	PK-U	33	-32	0	44.36	-	-	74	-29.64	-	-	42	106	H
	* 3.72	39.68	ADR	33	-32	0	40.68	54	-13.32	-	-	-	-	42	106	H
3	1.93883	40.44	PK-U	31.2	-35.2	0	36.44	-	-	-	-	68.2	-31.76	291	351	V
4	* 3.71896	43.54	PK-U	33	-32	0	44.54	-	-	74	-29.46	-	-	304	108	V
	* 3.71599	40.42	ADR	33	-32	0	41.42	54	-12.58	-	-	-	-	304	108	V
5	* 11.15625	40.4	PK-U	38	-21.3	0	37.1	-	-	74	-16.9	-	-	258	197	H
	* 11.15795	28.88	ADR	38	-21.3	0	45.58	54	-8.42	-	-	-	-	258	197	H
6	* 11.15833	39.26	PK-U	38	-21.3	0	55.96	-	-	74	-18.04	-	-	247	208	V
	* 11.15779	29.42	ADR	38	-21.3	0	46.12	54	-7.88	-	-	-	-	247	208	V

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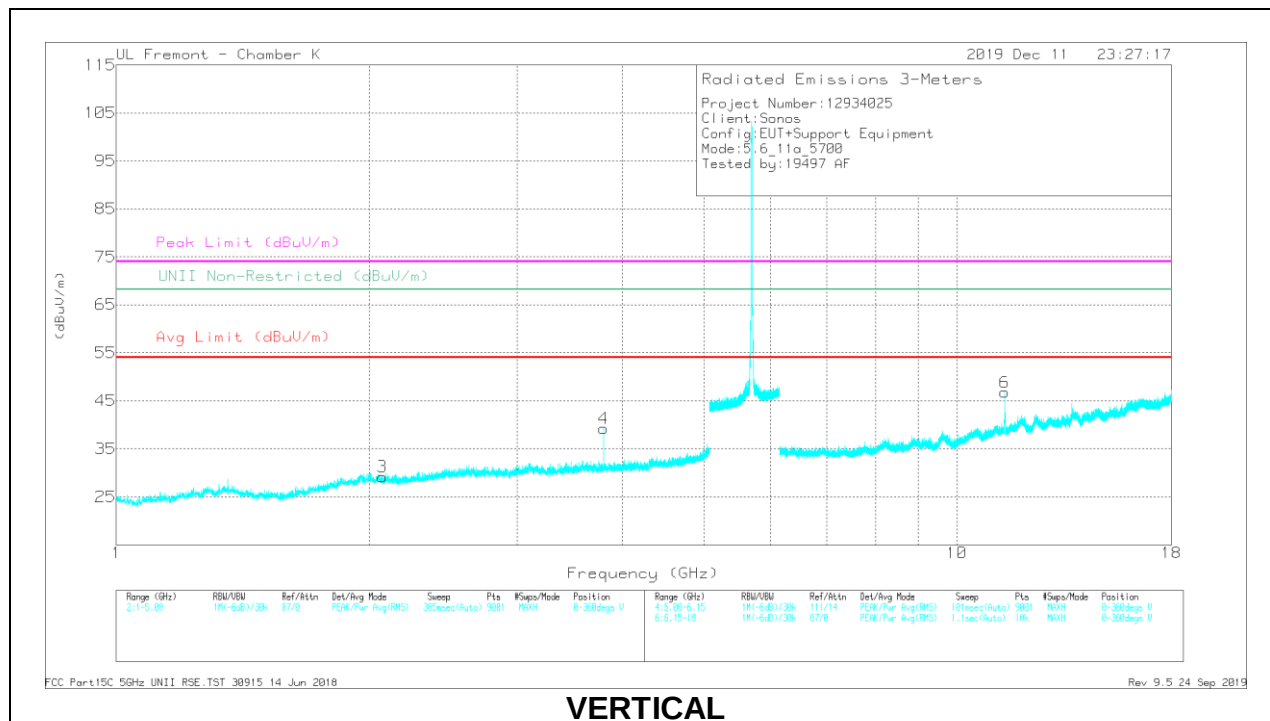
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meas Reading (dBuV)	Det	AF EMC424 (dBm)	Amplitude (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LRM Non-Restricted (dBuV/m)	PK Margin (dB)	Antenn (dBi)	Height (m)	Polarity
1	2.02972	40.45	PK-U	31.4	-35.1	0	26.75	-	-	-	-	68.2	-31.45	140	130	H
2	* 3.75594	41.38	PK-U	33.4	-31.8	0	42.98	-	-	74	-31.02	-	-	43	107	H
	* 3.80001	35.61	ADR	33.4	-31.8	0	37.21	54	-16.79	-	-	-	-	43	107	H
3	2.0703	42.49	PK-U	31.4	-35.2	0	38.69	-	-	-	-	68.2	-29.51	267	129	V
4	* 3.80003	41.41	PK-U	33.4	-31.8	0	43.01	-	-	74	-30.99	-	-	258	167	V
	* 3.75591	36.29	ADR	33.4	-31.8	0	37.69	54	-16.11	-	-	-	-	258	167	V
5	* 11.39965	36.7	PK-U	38.2	-21.1	0	53.8	-	-	74	-20.2	-	-	273	194	H
	* 11.39994	26.56	ADR	38.2	-21.1	0	43.66	54	-10.34	-	-	-	-	273	194	H
6	* 11.39631	39.45	PK-U	38.2	-21.1	0	56.55	-	-	74	-17.45	-	-	248	97	V
	* 11.39643	27.69	ADR	38.2	-21.1	0	44.79	54	-9.21	-	-	-	-	248	97	V

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

PK-U - U-NII: Maximum Peak

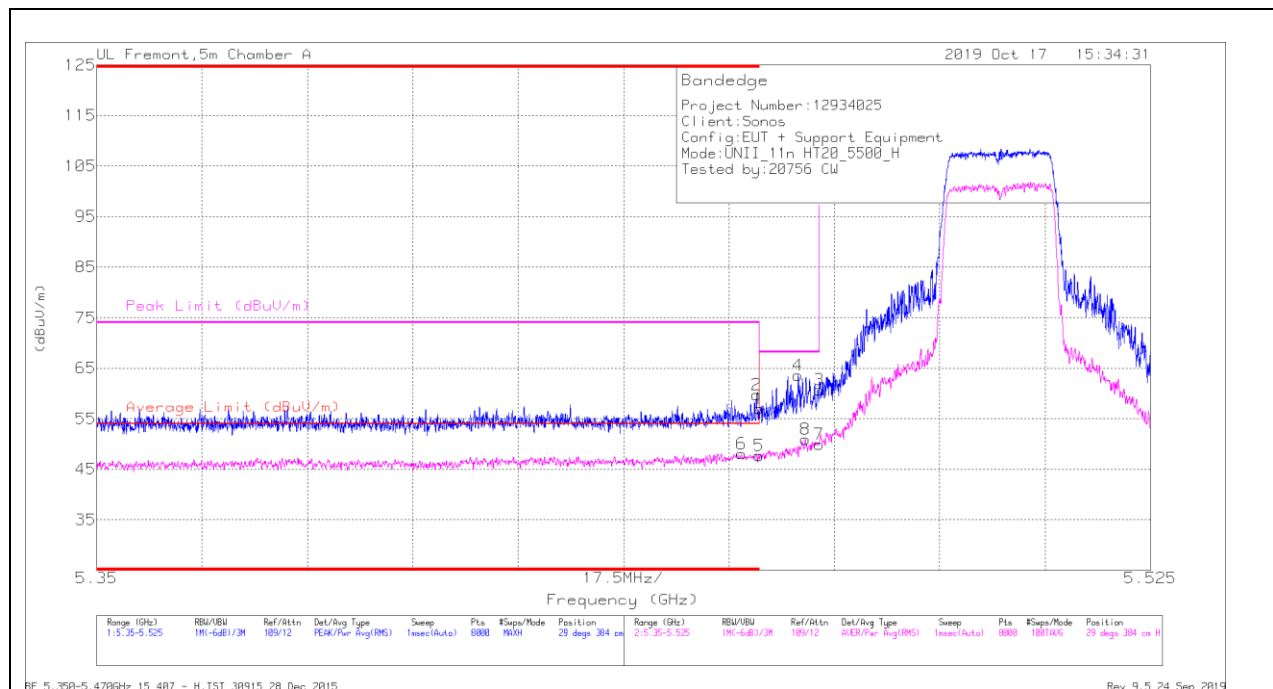
ADR - U-NII AD primary method, RMS average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

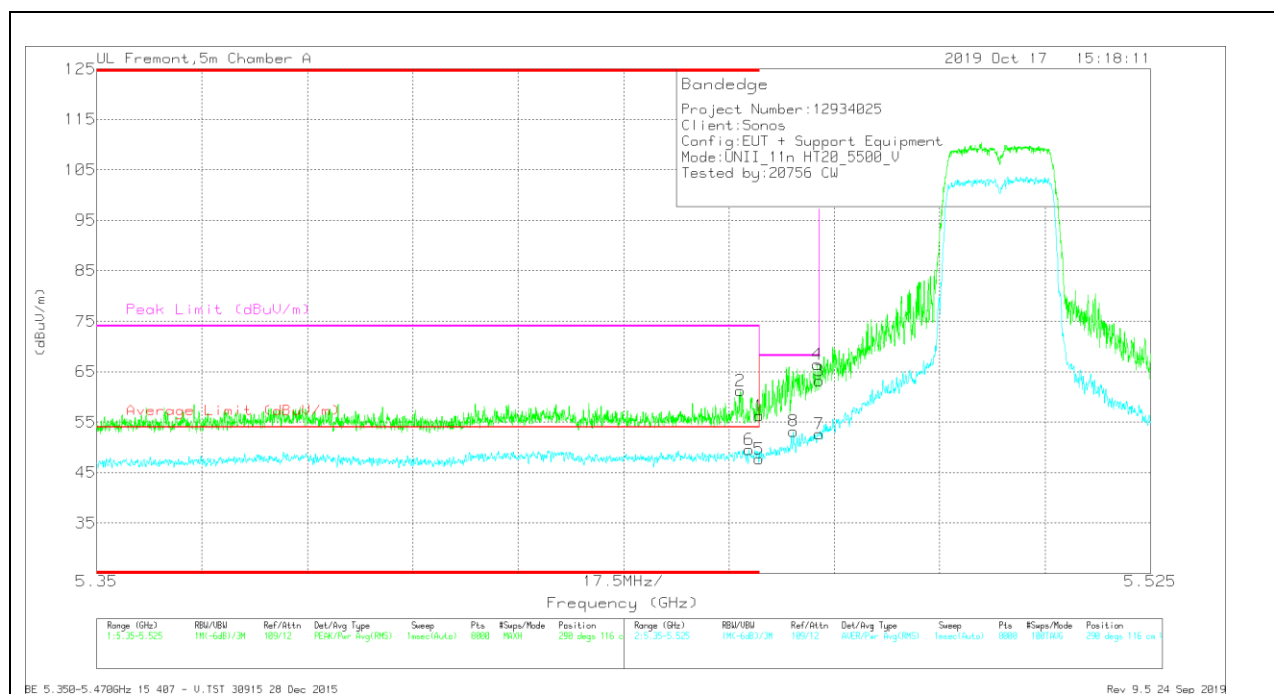
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.45998	40.07	Pk	34.9	-18	0	56.97	-	-	74	-17.03	29	384	H
2	* 5.45957	42.85	Pk	34.9	-18	0	59.75	-	-	74	-14.25	29	384	H
5	* 5.45998	30.8	RMS	34.9	-18	.31	48.01	54	-5.99	-	-	29	384	H
6	* 5.45709	31.07	RMS	35	-18	.31	48.38	54	-5.62	-	-	29	384	H
4	5.4665	46.67	Pk	34.8	-17.9	0	63.57	-	-	68.2	-4.63	29	384	H
8	5.46768	33.9	RMS	34.9	-17.9	.31	51.21	-	-	-	-	29	384	H
3	5.46998	43.77	Pk	34.9	-17.9	0	60.77	-	-	68.2	-7.43	29	384	H
7	5.46998	32.93	RMS	34.9	-17.9	.31	50.24	-	-	-	-	29	384	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 T346 (dB/m)	Amp/Cb/Ftr/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	* 5.45998	39.31	Pk	34.9	-18	0	56.21	-	-	74	-17.79	290	116	V
2	* 5.4569	44.26	Pk	35	-18	0	61.26	-	-	74	-12.74	290	116	V
5	* 5.45998	30.5	RMS	34.9	-18	.31	47.71	54	-6.29	-	-	290	116	V
6	* 5.45834	32.31	RMS	34.9	-18	.31	49.52	54	-4.48	-	-	290	116	V
8	5.46571	36	RMS	34.8	-17.9	.31	53.21	-	-	-	-	290	116	V
4	5.46967	49.45	Pk	34.9	-17.9	0	66.45	-	-	68.2	-1.75	290	116	V
3	5.46998	46.22	Pk	34.9	-17.9	0	63.22	-	-	68.2	-4.98	290	116	V
7	5.46998	35.37	RMS	34.9	-17.9	.31	52.68	-	-	-	-	290	116	V

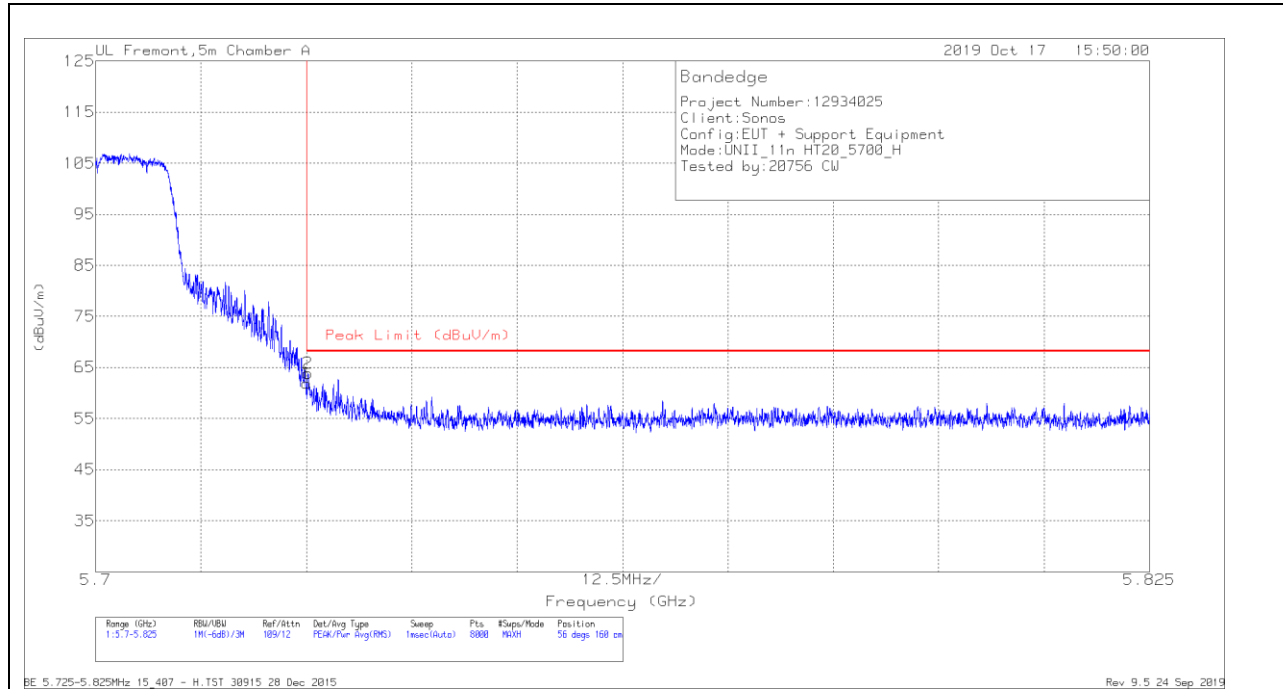
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

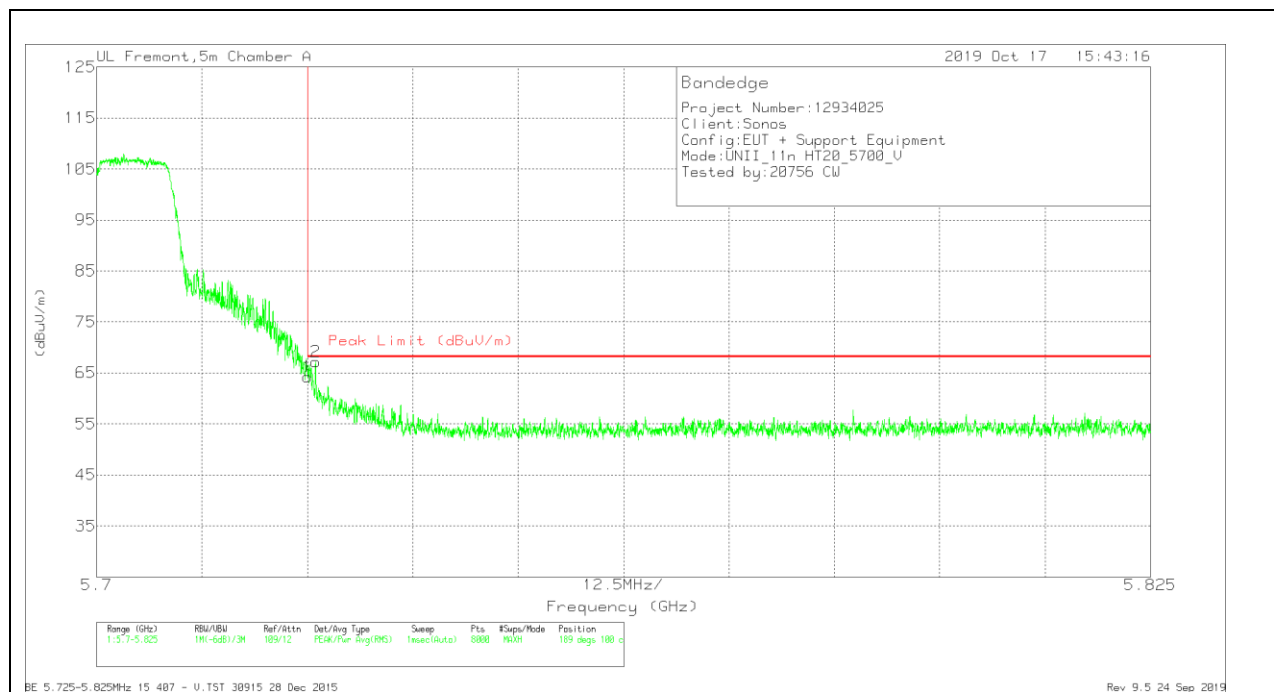


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	46.1	Pk	34.9	-19.1	61.9	68.2	-6.3	56	160	H
2	5.72521	48.08	Pk	34.9	-19.1	63.88	68.2	-4.32	56	160	H

Pk - Peak detector

VERTICAL RESULT



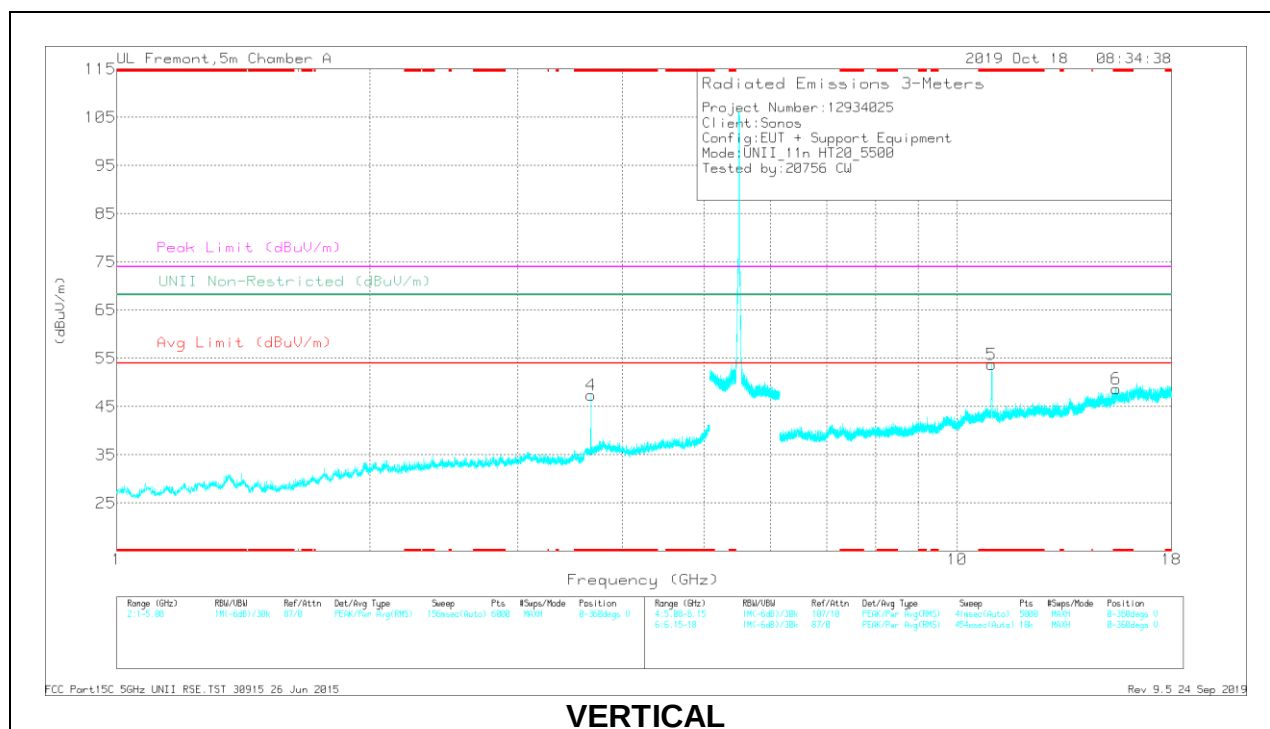
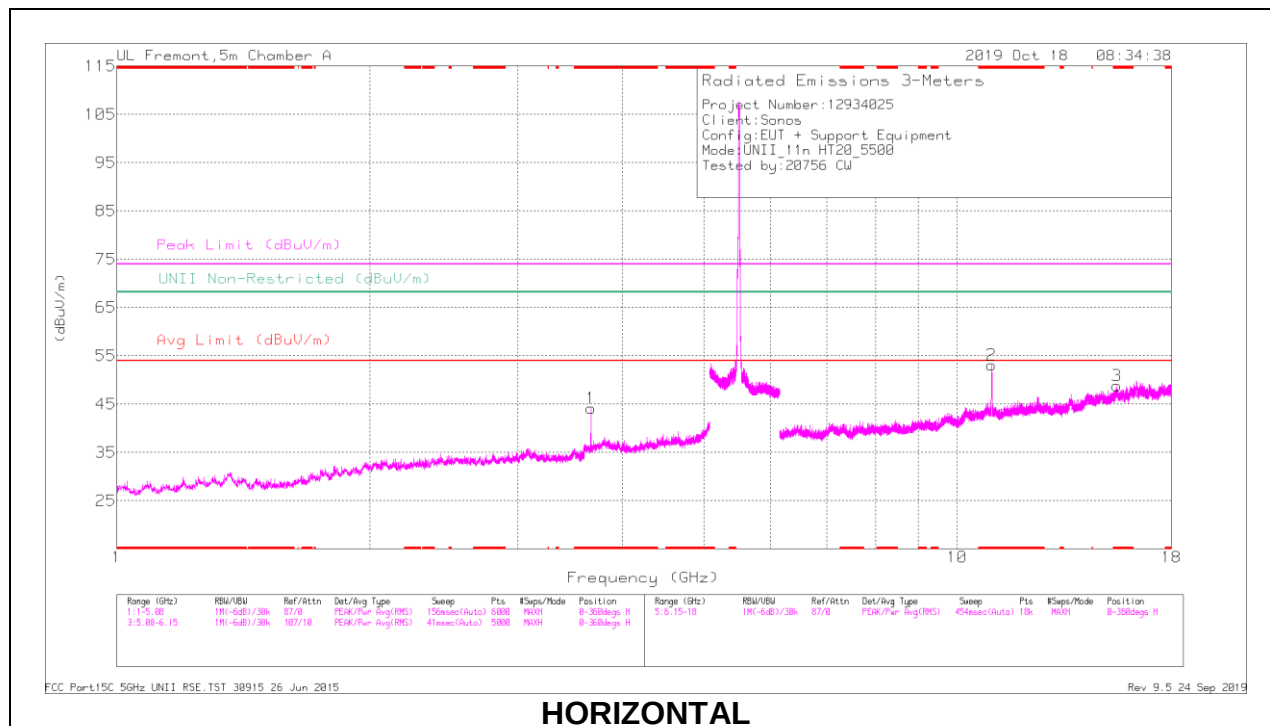
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	48.45	Pk	34.9	-19.1	64.25	68.2	-3.95	189	100	V
2	5.72597	51.46	Pk	34.8	-19.1	67.16	68.2	-1.04	189	100	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

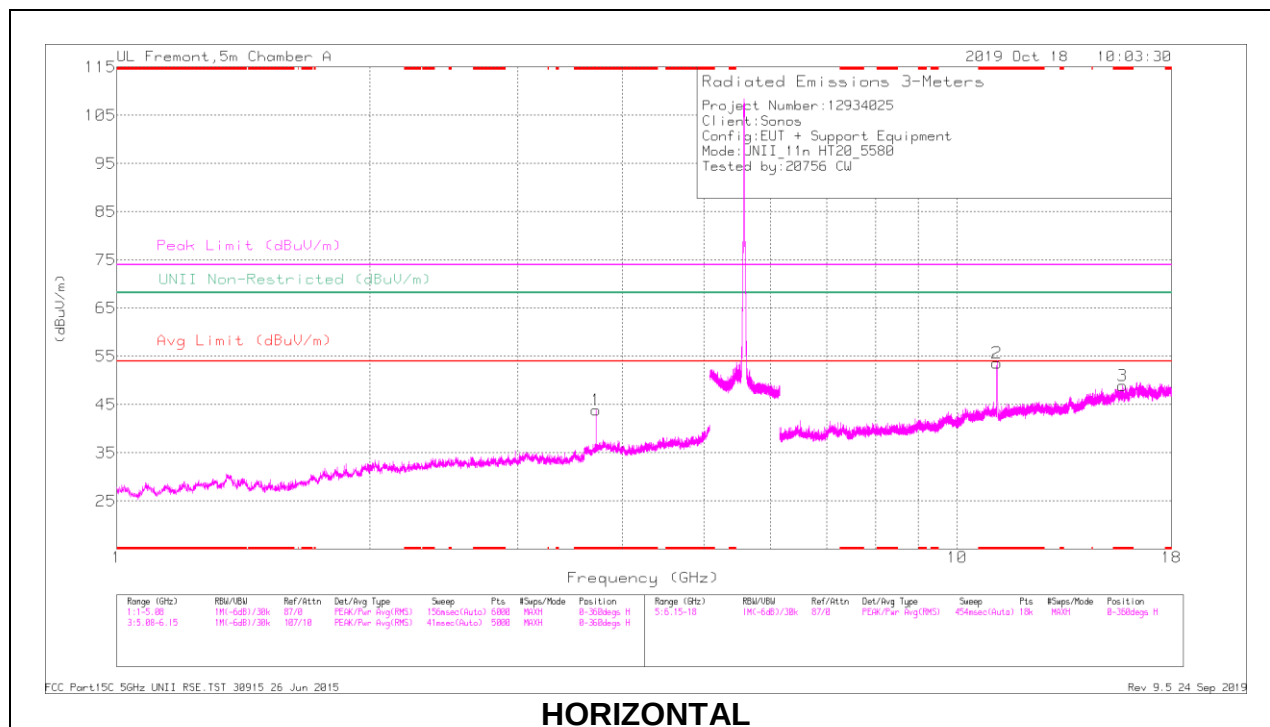
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.66656	39.48	PK-U	33.2	-29.1	0	43.58	-	-	74	-30.42	-	-	118	339	H
	* 3.66665	31.43	ADR	33.2	-29.1	.31	35.84	54	-18.16	-	-	-	-	118	339	H
4	* 3.66647	44.67	PK-U	33.2	-29.1	0	48.77	-	-	74	-25.23	-	-	155	201	V
	* 3.66688	40.5	ADR	33.2	-29.1	.31	44.91	54	-9.09	-	-	-	-	155	201	V
2	* 11.00261	44.41	PK-U	37.9	-19.7	0	62.61	-	-	74	-11.39	-	-	117	119	H
	* 10.99995	32.56	ADR	38	-19.7	.31	51.17	54	-2.83	-	-	-	-	117	119	H
3	* 15.49314	32.63	PK-U	40.4	-17.8	0	55.23	-	-	74	-18.77	-	-	289	221	H
	* 15.49317	20.14	ADR	40.4	-17.8	.31	43.05	54	-10.95	-	-	-	-	289	221	H
5	* 10.99816	44.42	PK-U	38	-19.7	0	62.72	-	-	74	-11.28	-	-	85	250	V
	* 10.99882	32.13	ADR	38	-19.7	.31	50.74	54	-3.26	-	-	-	-	85	250	V
6	* 15.48624	32.72	PK-U	40.4	-17.8	0	55.32	-	-	74	-18.68	-	-	338	143	V
	* 15.48619	20.2	ADR	40.4	-17.8	.31	43.11	54	-10.89	-	-	-	-	338	143	V

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

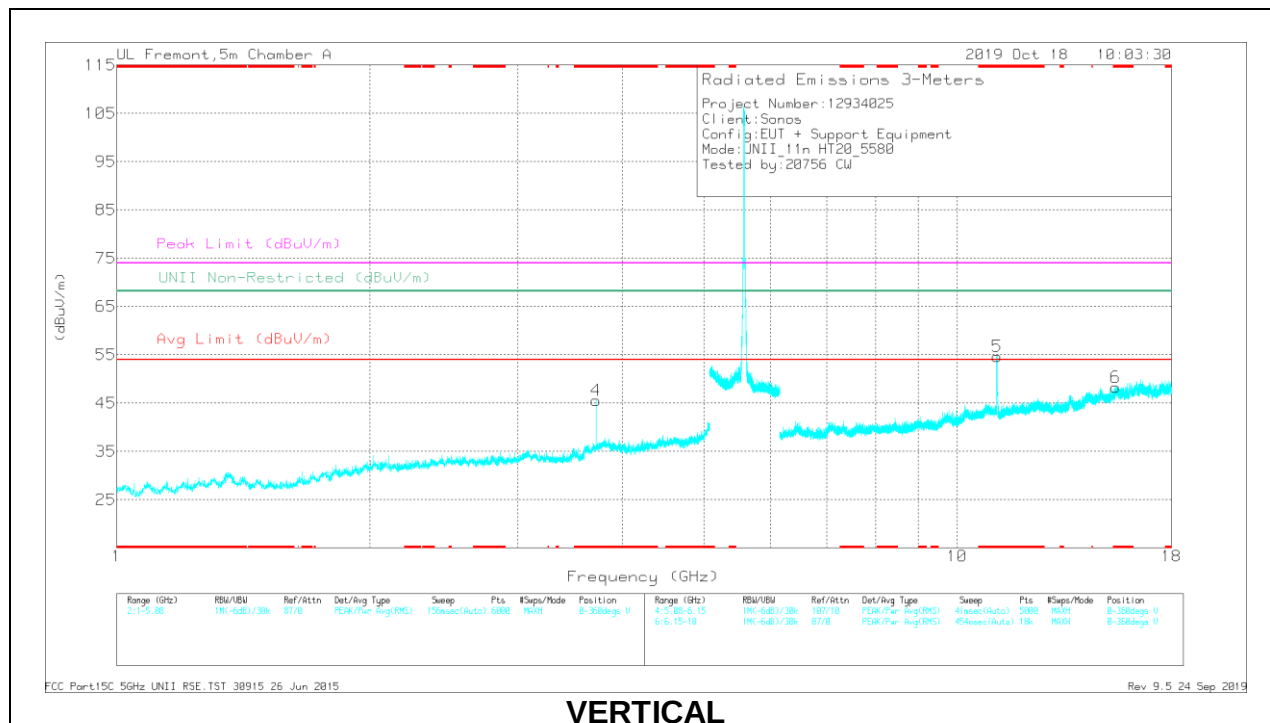
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

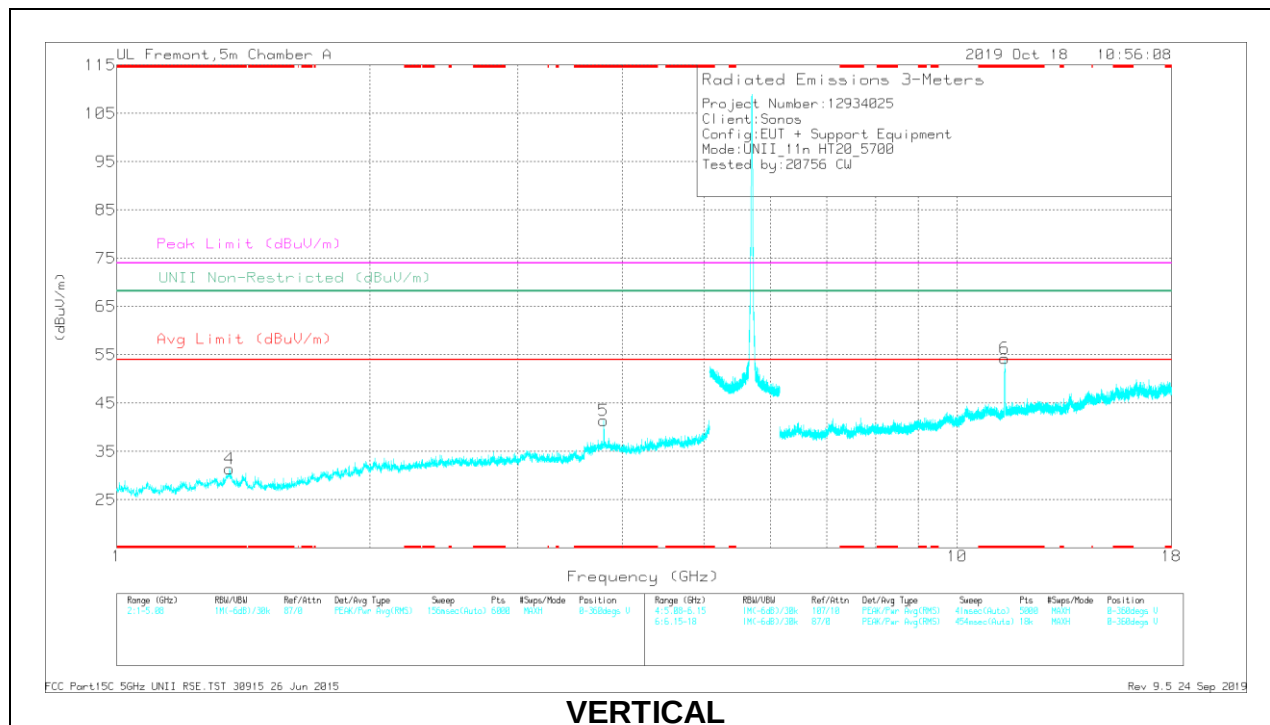
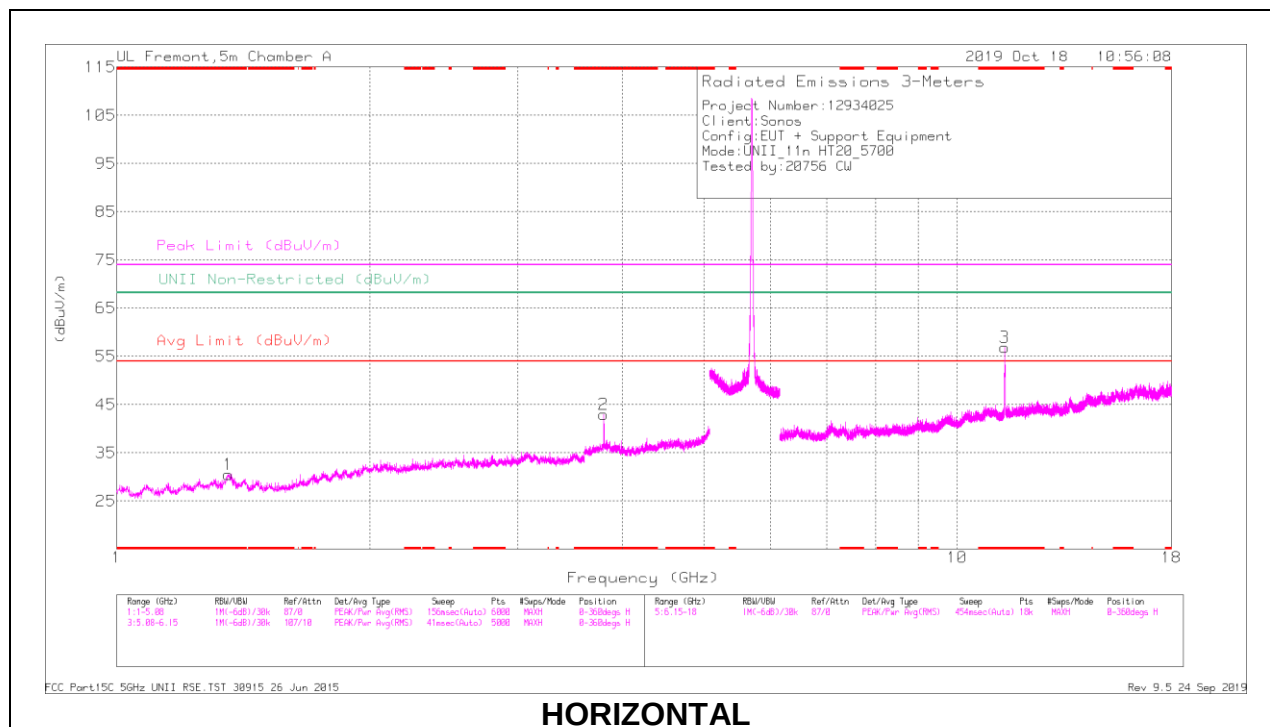
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.71993	43.7	PK-U	33.3	-28.8	0	48.2	-	-	74	-25.8	-	-	256	111	H
	* 3.72	39.2	ADR	33.3	-28.8	.31	44.01	54	-9.99	-	-	-	-	256	111	H
4	* 3.71996	41.85	PK-U	33.3	-28.8	0	46.35	-	-	74	-27.65	-	-	150	233	V
	* 3.72002	35.49	ADR	33.3	-28.8	.31	40.3	54	-13.7	-	-	-	-	150	233	V
2	* 11.15919	45.12	PK-U	37.9	-19.7	0	63.32	-	-	74	-10.68	-	-	132	103	H
	* 11.15968	32.82	ADR	38	-19.7	.31	51.43	54	-2.57	-	-	-	-	132	103	H
3	* 15.75501	32.73	PK-U	40.4	-18.3	0	54.83	-	-	74	-19.17	-	-	264	155	H
	* 15.75507	20.5	ADR	40.4	-18.3	.31	42.91	54	-11.09	-	-	-	-	264	155	H
5	* 11.16315	44.44	PK-U	37.9	-19.7	0	62.64	-	-	74	-11.36	-	-	87	101	V
	* 11.16288	32.3	ADR	37.9	-19.7	.31	50.81	54	-3.19	-	-	-	-	87	101	V
6	* 15.45558	31.9	PK-U	40.4	-17.7	0	54.6	-	-	74	-19.4	-	-	53	364	V
	* 15.45537	19.85	ADR	40.4	-17.7	.31	42.86	54	-11.14	-	-	-	-	53	364	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (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	* 1.35776	39.34	PK-U	29.6	-31.6	0	37.34	-	-	74	-36.66	-	-	315	286	H
	* 1.35661	27.73	ADR	29.6	-31.6	.31	26.04	54	-27.96	-	-	-	-	315	286	H
2	* 3.80008	42.69	PK-U	33.7	-28	0	48.39	-	-	74	-25.61	-	-	258	106	H
	* 3.79998	35.9	ADR	33.7	-28	.31	41.91	54	-12.09	-	-	-	-	258	106	H
4	* 1.36053	39.79	PK-U	29.5	-31.6	0	37.69	-	-	74	-36.31	-	-	277	276	V
	* 1.36067	27.6	ADR	29.5	-31.6	.31	25.81	54	-28.19	-	-	-	-	277	276	V
5	* 3.79988	42.07	PK-U	33.7	-28	0	47.77	-	-	74	-26.23	-	-	115	101	V
	* 3.80001	33.98	ADR	33.7	-28	.31	39.99	54	-14.01	-	-	-	-	115	101	V
3	* 11.3992	46.34	PK-U	38	-19.2	0	65.14	-	-	74	-8.86	-	-	116	208	H
	* 11.39992	34.35	ADR	38	-19.2	.31	53.46	54	-54	-	-	-	-	116	208	H
6	* 11.39917	44.56	PK-U	38	-19.2	0	63.36	-	-	74	-10.64	-	-	42	195	V
	* 11.40003	32.55	ADR	38	-19.2	.31	51.66	54	-2.34	-	-	-	-	42	195	V

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

PK-U - U-NII: Maximum Peak

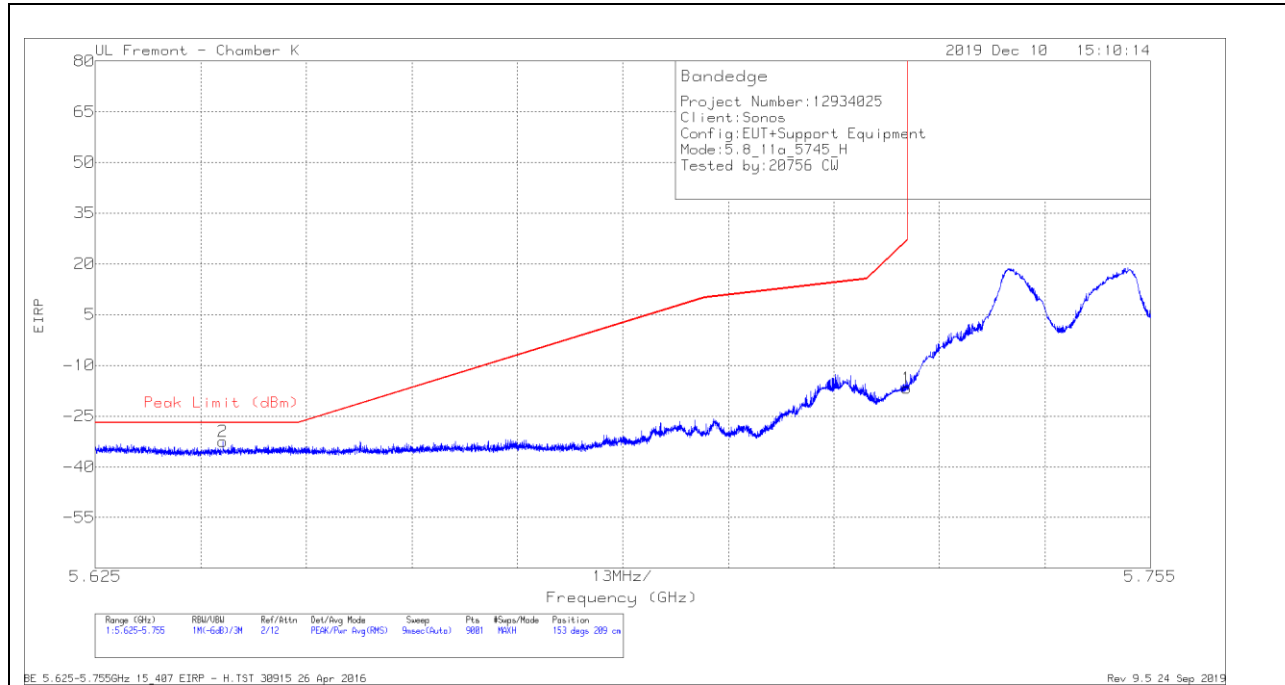
ADR - U-NII AD primary method, RMS average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

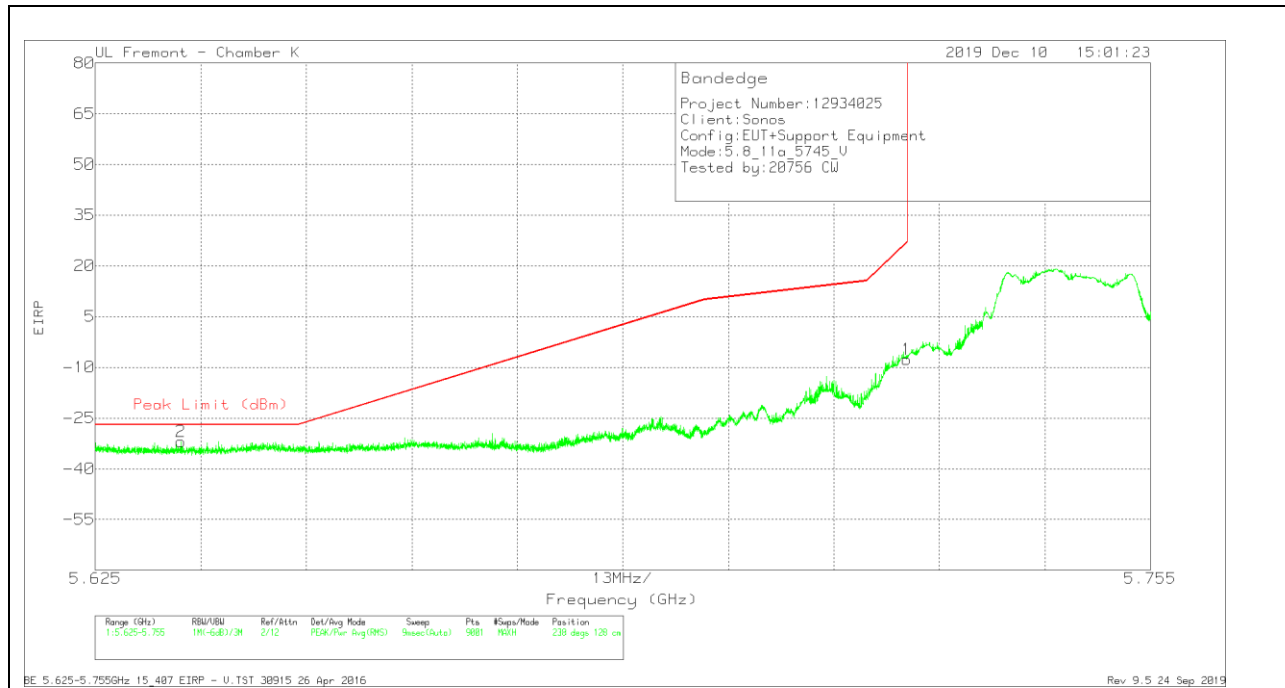


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.04	Pk	34.8	-7.3	11.8	-16.74	26.99	-43.73	153	209	H
2	5.6407	-71.84	Pk	34.8	-7.3	11.8	-32.54	-27	-5.54	153	209	H

Pk - Peak detector

VERTICAL RESULT



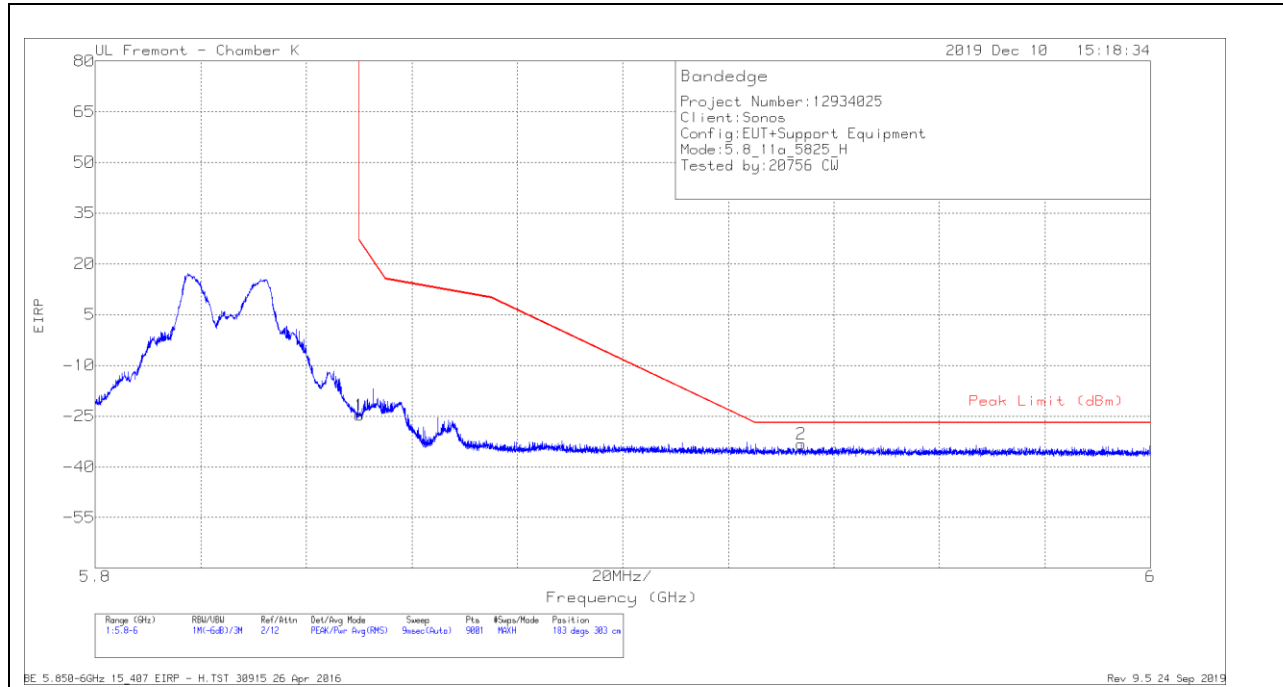
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-46.96	Pk	34.8	-7.3	11.8	-7.66	26.99	-34.65	238	128	V
2	5.63552	-71.03	Pk	34.7	-7.4	11.8	-31.93	-27	-4.93	238	128	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

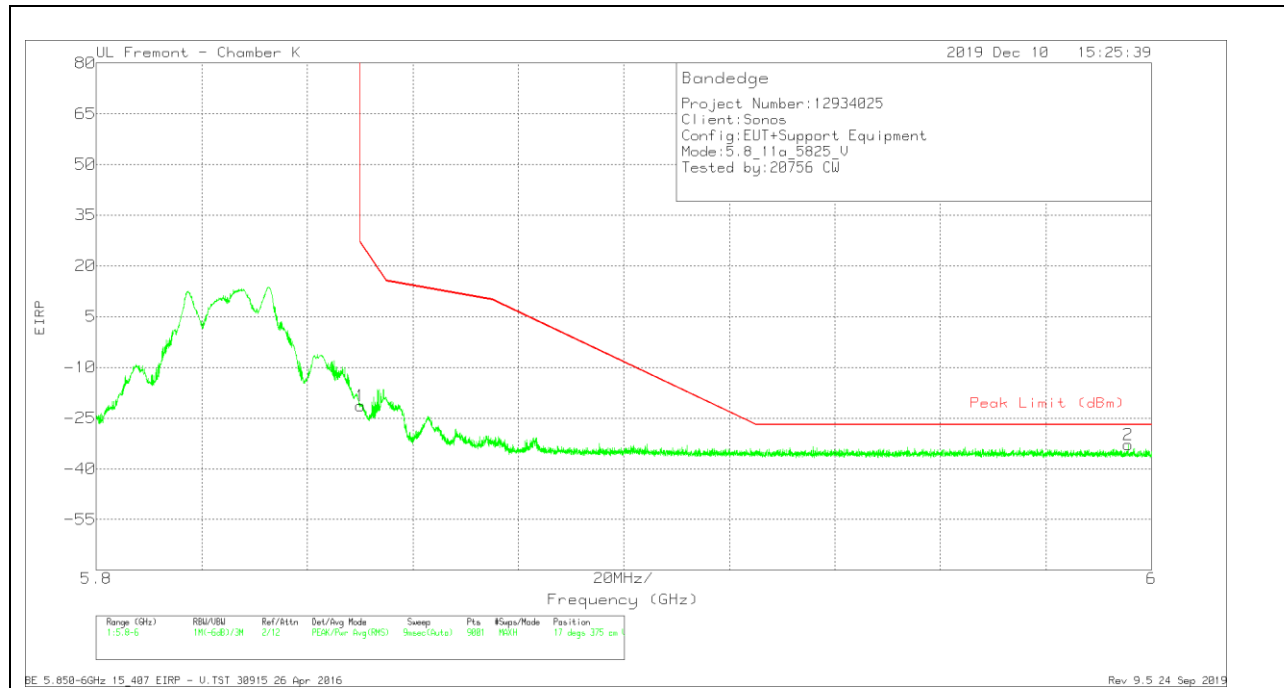


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-64.25	Pk	35	-7.2	11.8	-24.65	26.95	-51.6	183	303	H
2	5.93384	-73.14	Pk	35.2	-7.1	11.8	-33.24	-27	-6.24	183	303	H

Pk - Peak detector

VERTICAL RESULT



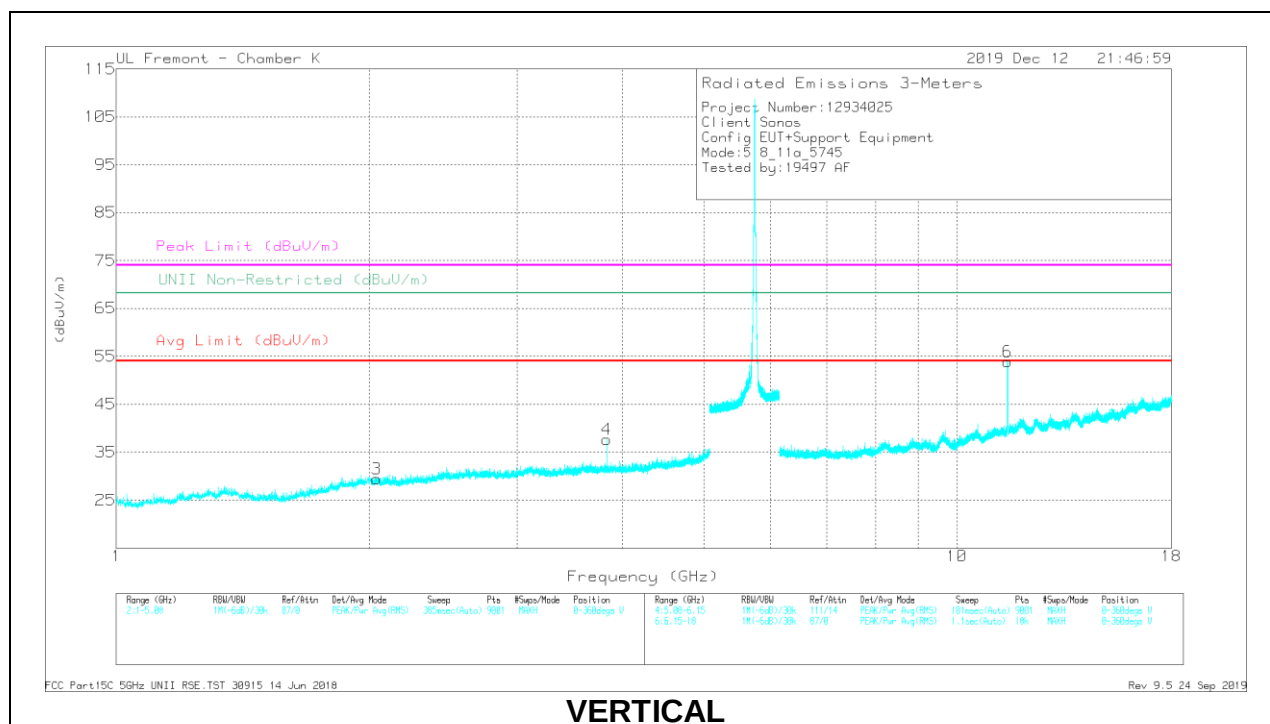
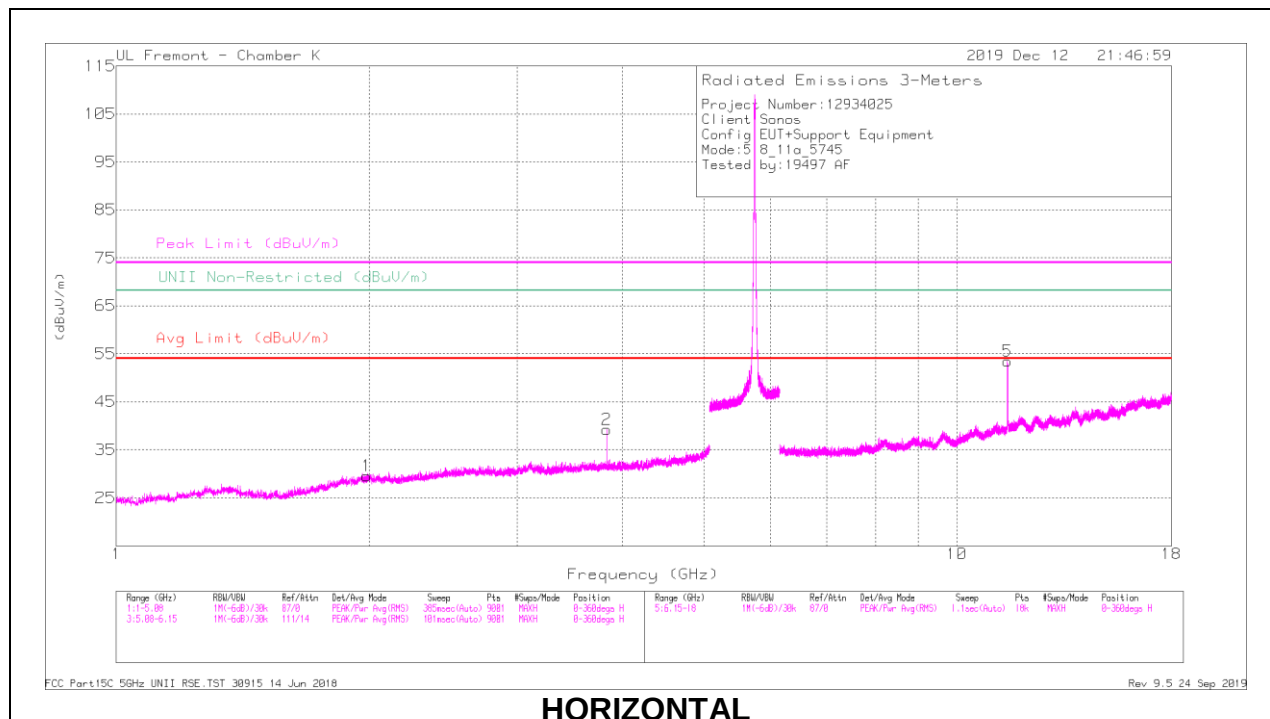
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF EMC4294 (dB/m)	Amp/Cbl/Filt/Pa d (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85002	-60.96	Pk	35	-7.2	11.8	-21.36	26.95	-48.31	17	375	V
2	5.99558	-72.75	Pk	35.2	-7.1	11.8	-32.85	-27	-5.85	17	375	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

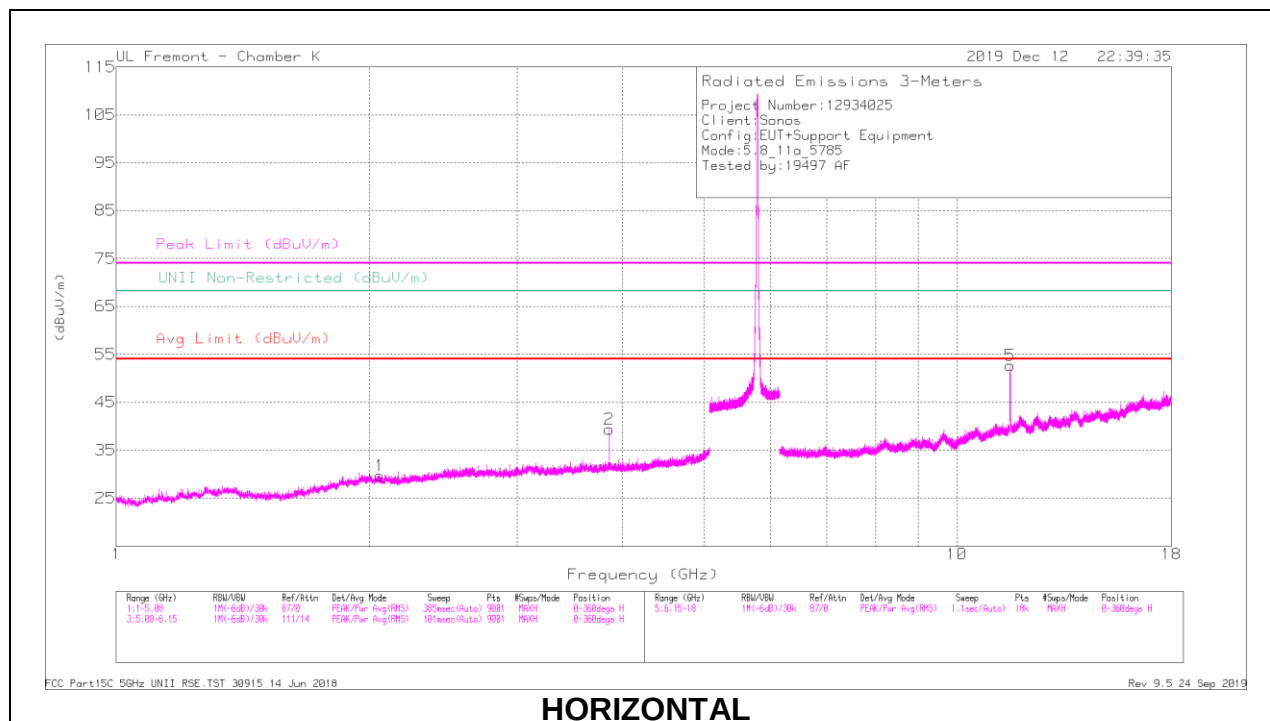
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF EMC4294 (dBm)	Amp/CM/Fit/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.98589	41.21	PK-U	31.6	-35.2	37.61	-	-	-	-	68.2	-30.59	253	202	H
2	* 3.83	41.26	PK-U	33.3	-31.6	42.96	-	-	74	-31.04	-	-	39	107	H
	* 3.83	35.18	ADR	33.3	-31.6	36.88	54	-17.12	-	-	-	-	39	107	H
3	2.04182	41.64	PK-U	31.4	-35.1	37.94	-	-	-	-	68.2	-30.26	235	256	V
4	* 3.82994	40.92	PK-U	33.3	-31.6	42.62	-	-	74	-31.38	-	-	256	131	V
	* 3.82998	33.98	ADR	33.3	-31.6	35.68	54	-18.32	-	-	-	-	256	131	V
5	* 11.49013	44.86	PK-U	38.3	-21	62.16	-	-	74	-11.84	-	-	252	165	H
	* 11.4897	34.68	ADR	38.3	-21	51.98	54	-2.02	-	-	-	-	252	165	H
	* 11.49013	43.04	PK-U	38.3	-21	60.34	-	-	74	-13.66	-	-	179	205	V
6	* 11.49009	33.53	ADR	38.3	-21	50.83	54	-3.17	-	-	-	-	179	205	V

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

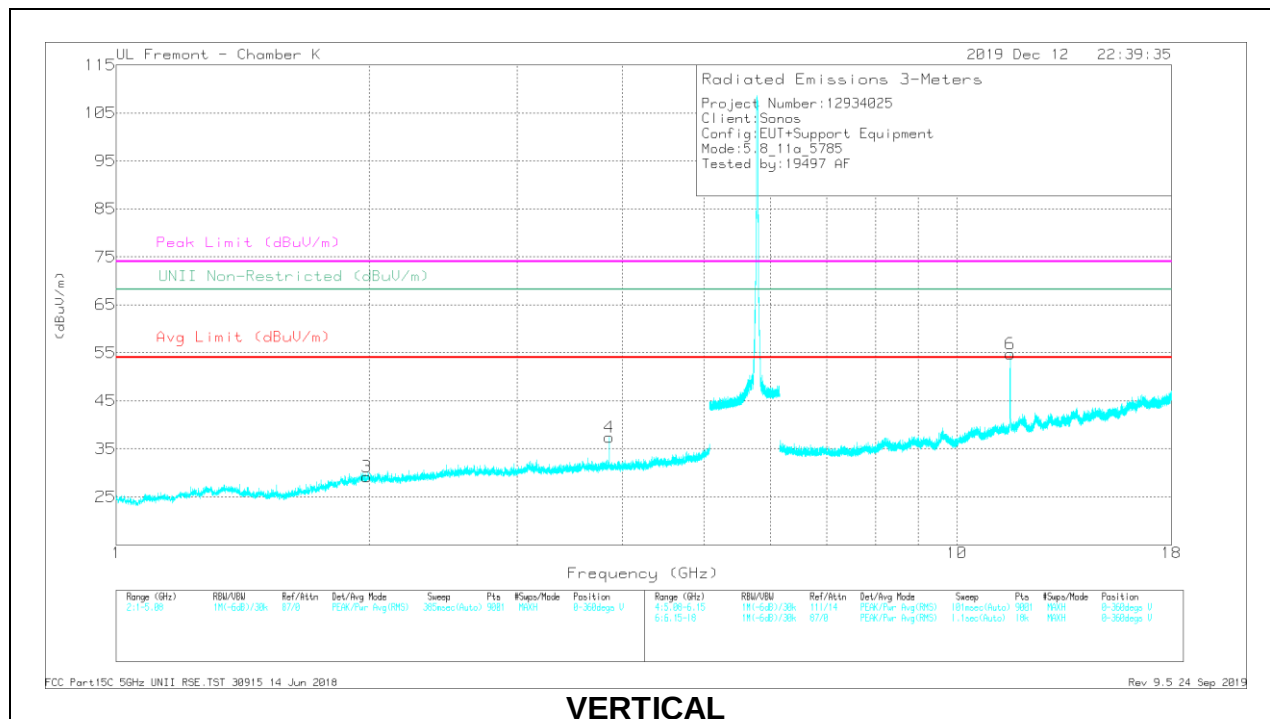
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

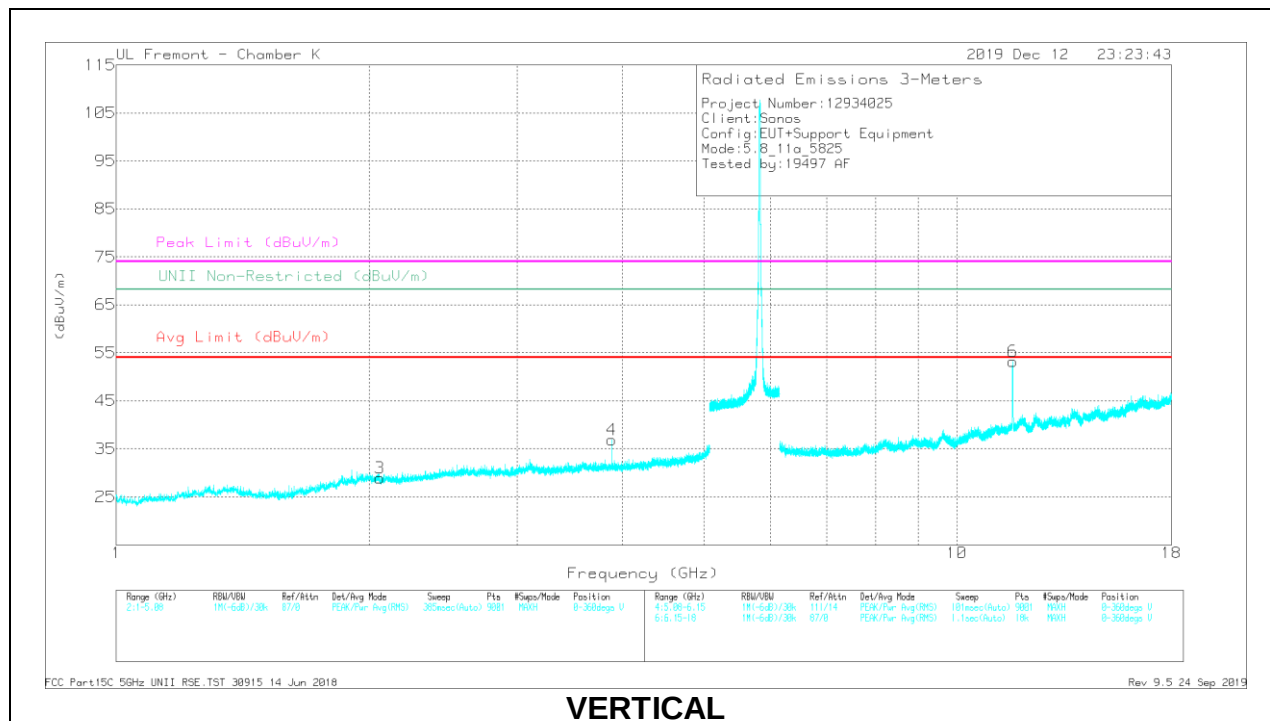
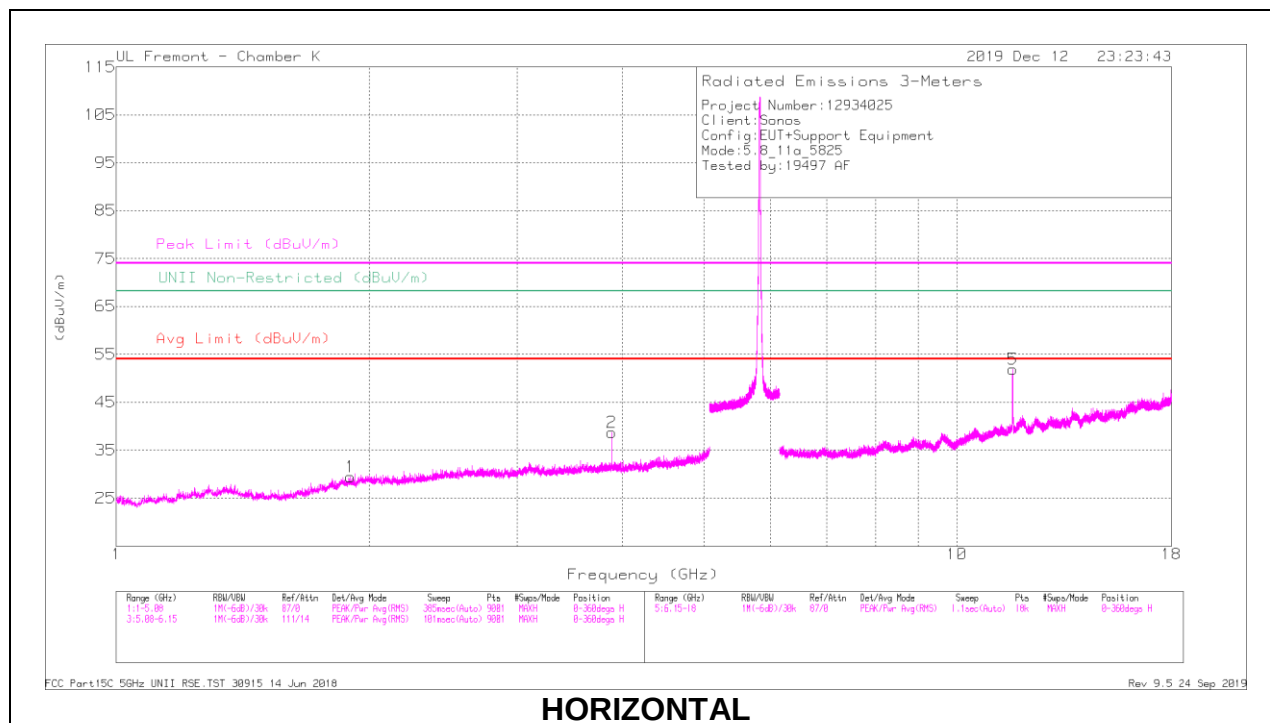
Marker	Frequency (MHz)	Meas Reading (dBuV)	Det	AF EMC424 (dBm)	Amplitude (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LRM Non-Restricted (dBuV/m)	PK Margin (dB)	Antenn (dBi)	Height (m)	Polarity
1	2.05502	41.59	PK-U	31.4	-35.1	0	37.69	-	-	-	-	68.2	-30.31	348	344	H
2	* 3.85575	41.09	PK-U	33.5	-31.6	0	42.99	-	-	74	-31.01	-	-	52	134	H
	* 3.85666	35.07	ADR	33.5	-31.6	0	36.97	54	-17.03	-	-	-	-	52	134	H
3	1.98576	41.53	PK-U	31.6	-35.2	0	37.93	-	-	-	-	68.2	-30.27	285	312	V
4	* 3.85653	40.08	PK-U	33.5	-31.6	0	41.98	-	-	74	-32.02	-	-	254	162	V
	* 3.85665	34.06	ADR	33.5	-31.6	0	35.96	54	-18.04	-	-	-	-	254	162	V
5	* 11.57059	42.87	PK-U	38.4	-20.9	0	60.37	-	-	74	-13.63	-	-	274	107	H
	* 11.5689	33.7	ADR	38.4	-20.9	0	51.2	54	-2.8	-	-	-	-	274	107	H
6	* 11.57052	45.53	PK-U	38.4	-20.9	0	63.03	-	-	74	-10.97	-	-	229	190	V
	* 11.57024	35.52	ADR	38.4	-20.9	0	53.02	54	-38	-	-	-	-	229	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (MHz)	Meas Reading (dBuV)	Det	AF EMC424 (dBm)	Amplitude (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Arg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	LRM Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (ft)	Height (ft)	Polarity
1	1.99948	41.7	PK-U	30.0	-35.2	0	37.4	-	-	-	-	68.2	-30.8	127	107	H
2	* 3.88339	41.05	PK-U	33.4	-31.7	0	42.75	-	-	74	-31.25	-	-	51	152	H
	* 3.88331	35.18	ADR	33.4	-31.7	0	36.88	54	-17.12	-	-	-	-	51	152	H
3	2.05874	40.97	PK-U	31.4	-35.2	0	37.17	-	-	-	-	68.2	-31.03	226	142	V
4	* 3.88327	41.46	PK-U	33.4	-31.7	0	43.16	-	-	74	-30.84	-	-	258	144	V
	* 3.88332	35.27	ADR	33.4	-31.7	0	36.97	54	-17.03	-	-	-	-	258	144	V
5	* 11.64911	43.43	PK-U	38.5	-20.8	0	61.13	-	-	74	-12.87	-	-	280	103	H
	* 11.64924	33.4	ADR	38.5	-20.8	0	51.1	54	-2.9	-	-	-	-	280	103	H
6	* 11.65055	43.94	PK-U	38.5	-20.8	0	61.64	-	-	74	-12.36	-	-	235	193	V
	* 11.65136	34.14	ADR	38.5	-20.8	0	51.64	54	-2.16	-	-	-	-	235	193	V

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

PK-U - U-NII: Maximum Peak

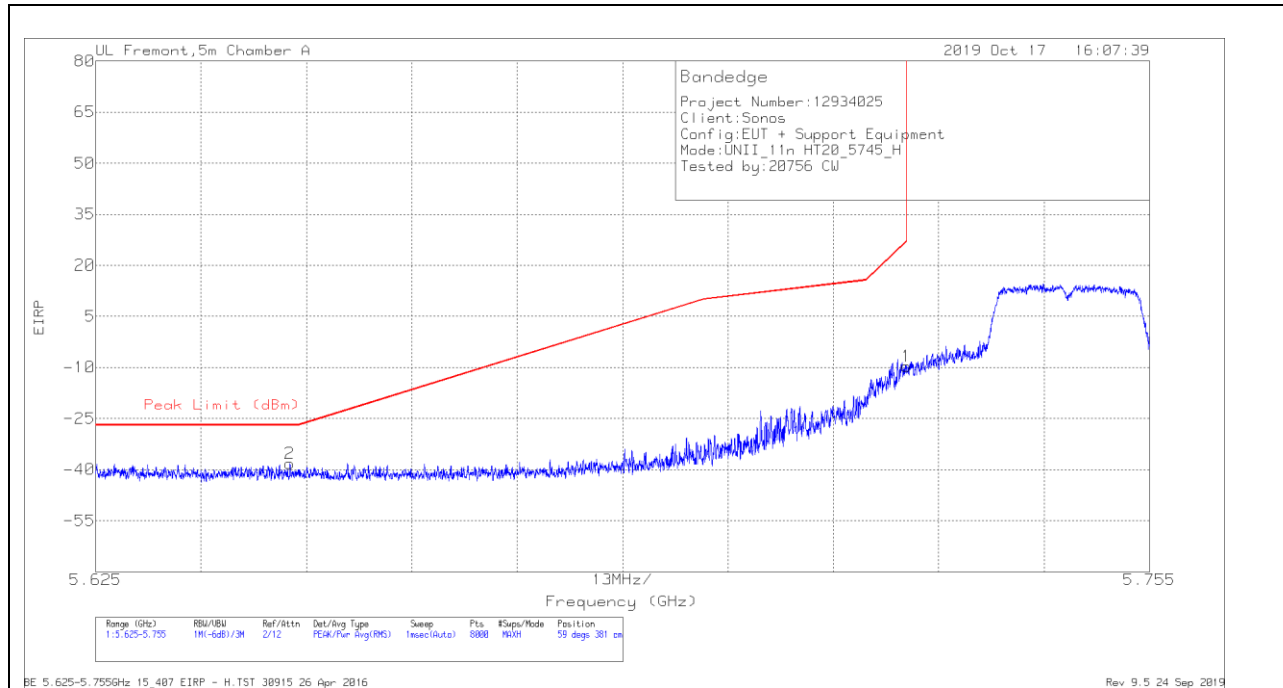
ADR - U-NII AD primary method, RMS average

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

4TX Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

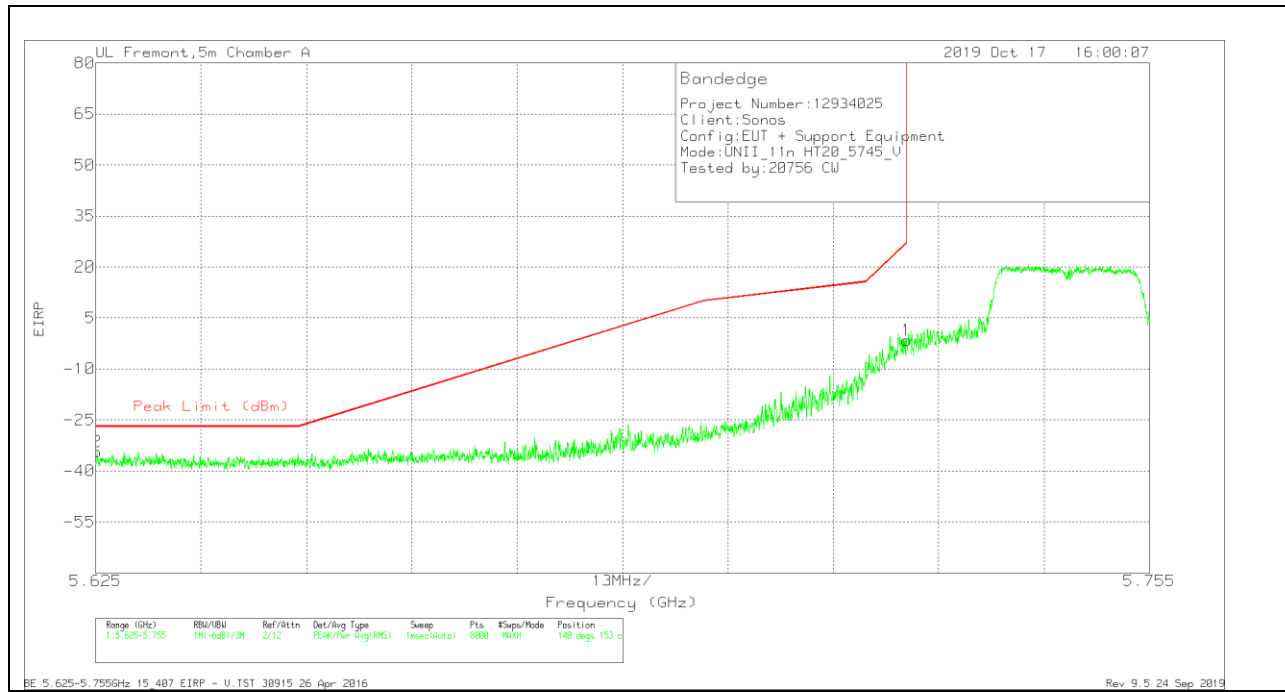


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T346 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64897	-65.94	Pk	34.8	-18.8	11.8	-38.14	-27	-11.14	59	381	H
1	5.725	-37.25	Pk	34.9	-19.1	11.8	-9.65	27	-36.65	59	381	H

Pk - Peak detector

VERTICAL RESULT



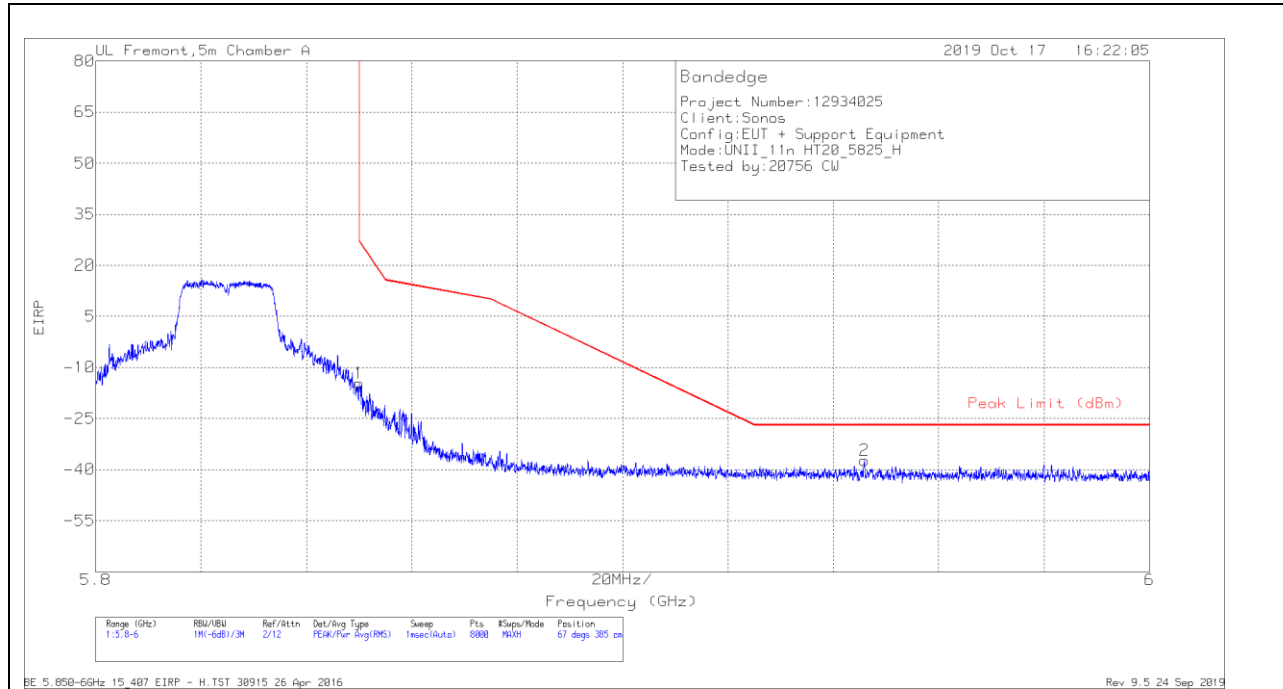
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62515	-62.43	Pk	34.9	-18.6	11.8	-34.33	-27	-7.33	140	153	V
1	5.725	-29.1	Pk	34.9	-19.1	11.8	-1.5	27	-28.5	140	153	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

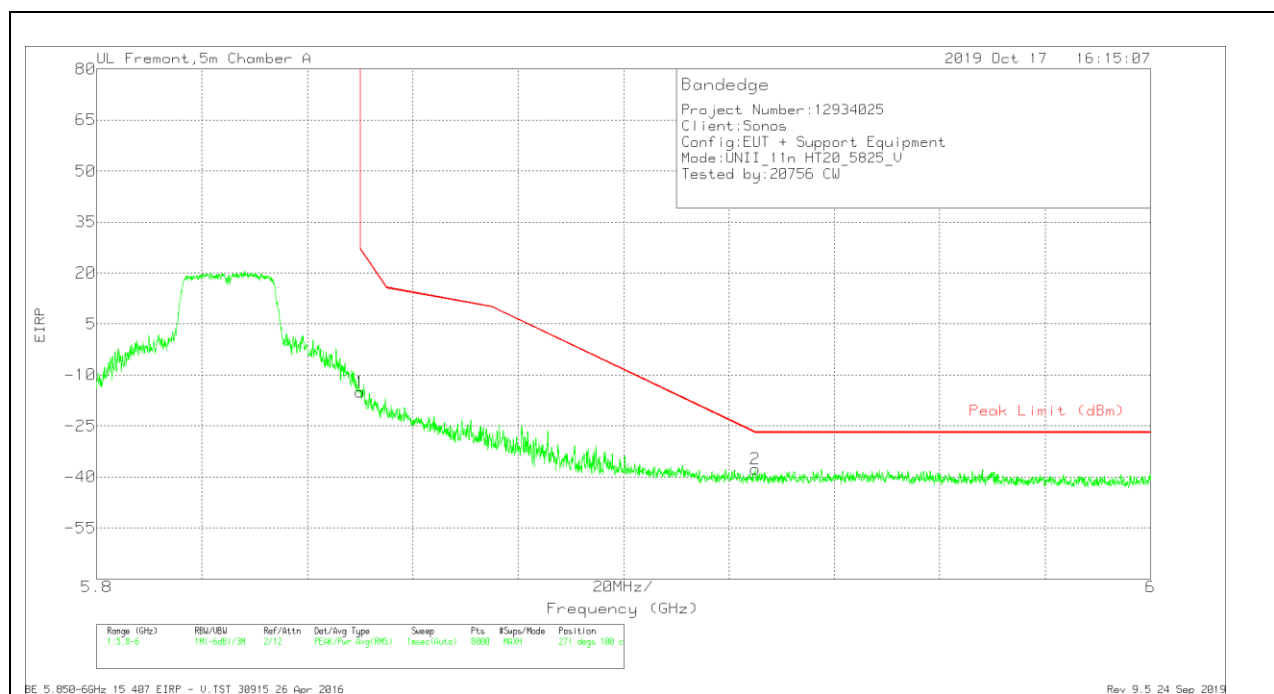


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.85001	-42.37	Pk	35.1	-19.2	11.8	-14.67	26.99	-41.66	67	385	H
2	5.94589	-65.35	Pk	35.4	-19.2	11.8	-37.35	-27	-10.35	67	385	H

Pk - Peak detector

VERTICAL RESULT



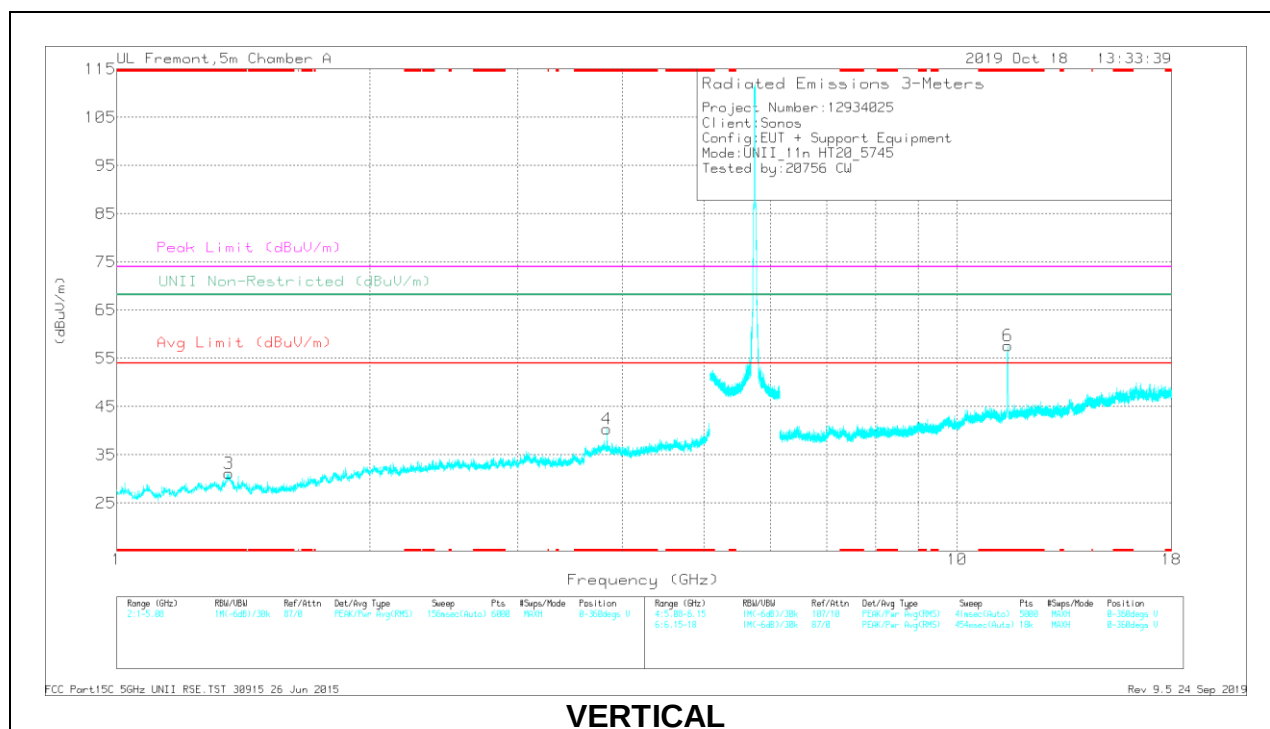
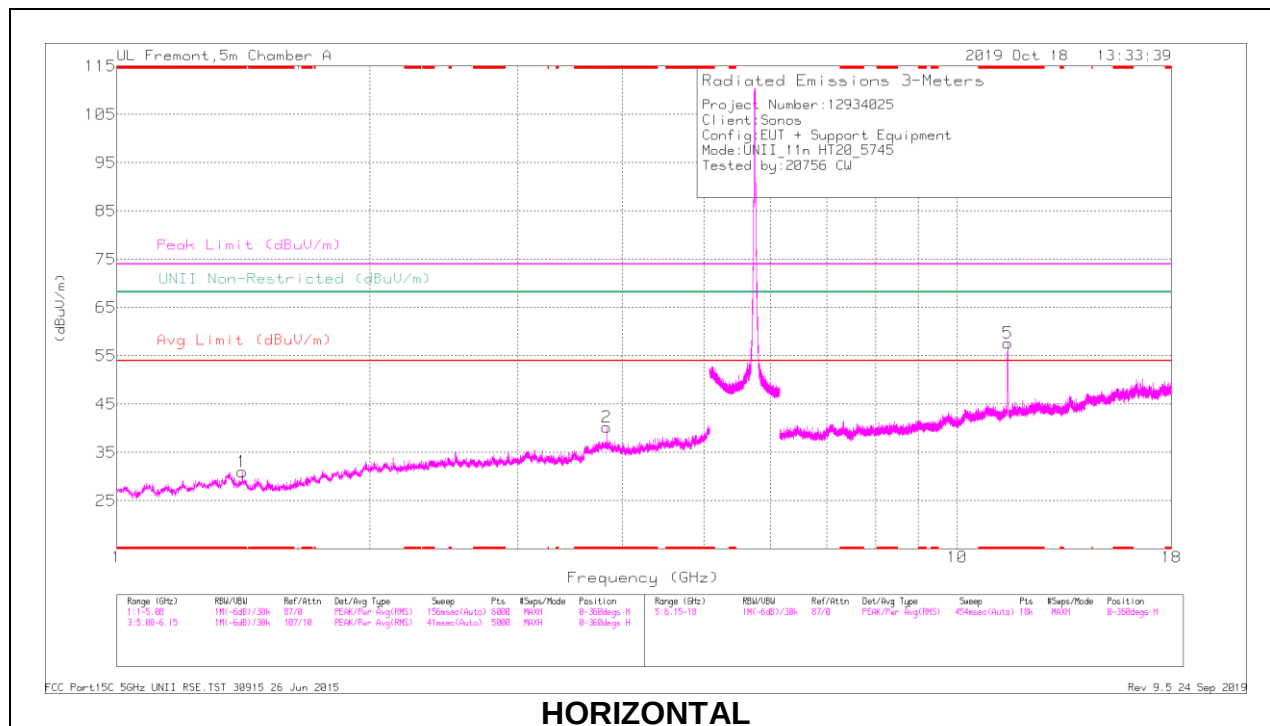
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT346 (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	5.85001	-42.74	Pk	35.1	-19.2	11.8	-15.04	26.99	-42.03	271	100	V
2	5.92499	-65.46	Pk	35.3	-19.3	11.8	-37.66	-26.99	-10.67	271	100	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

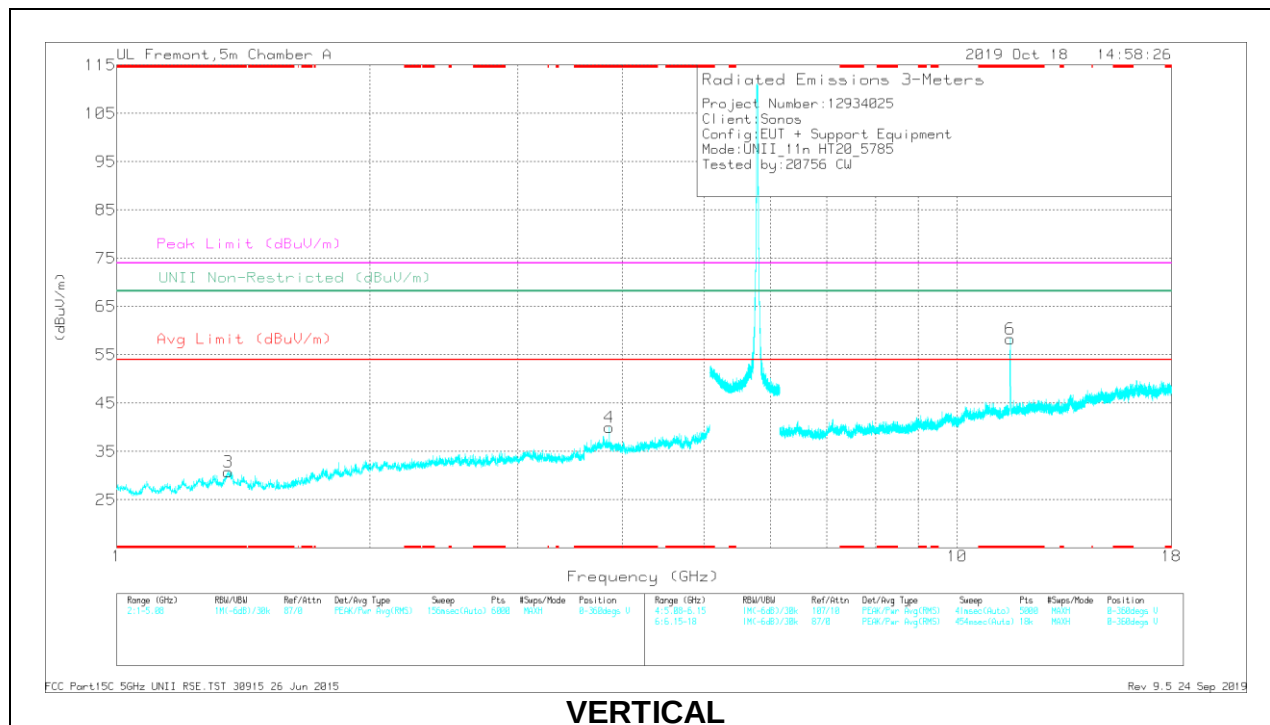
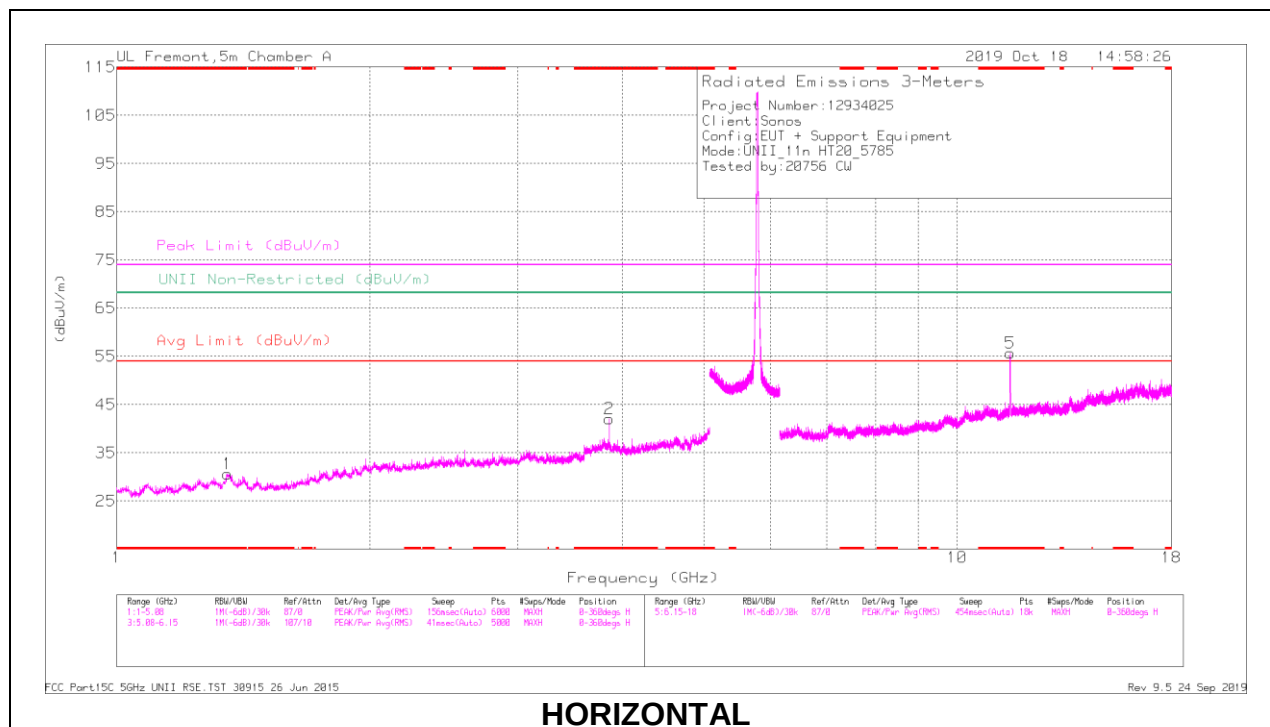
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.41138	39.88	PK-U	28.7	-31.6	0	36.98	-	-	74	-37.02	-	-	46	162	H
	* 1.41194	27.6	ADR	28.7	-31.6	.31	25.01	54	-28.99	-	-	-	-	46	162	H
2	* 3.83002	41.35	PK-U	33.7	-28.1	0	46.95	-	-	74	-27.05	-	-	261	104	H
	* 3.82997	32.99	ADR	33.7	-28.1	.31	38.9	54	-15.1	-	-	-	-	261	104	H
3	* 1.3603	39.6	PK-U	29.5	-31.6	0	37.5	-	-	74	-36.5	-	-	293	300	V
	* 1.36097	27.53	ADR	29.5	-31.6	.31	25.74	54	-28.26	-	-	-	-	293	300	V
4	* 3.82994	40.84	PK-U	33.7	-28.1	0	46.44	-	-	74	-27.56	-	-	108	130	V
	* 3.82996	30.72	ADR	33.7	-28.1	.31	36.63	54	-17.37	-	-	-	-	108	130	V
5	* 11.48893	45.37	PK-U	38.1	-19.5	0	63.97	-	-	74	-10.03	-	-	160	102	H
	* 11.48881	34.26	ADR	38.1	-19.5	.31	53.17	54	-.83	-	-	-	-	160	102	H
6	* 11.49254	47.19	PK-U	38.1	-19.5	0	65.79	-	-	74	-8.21	-	-	87	223	V
	* 11.49263	35.04	ADR	38.1	-19.5	.31	53.95	54	-.05	-	-	-	-	87	223	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

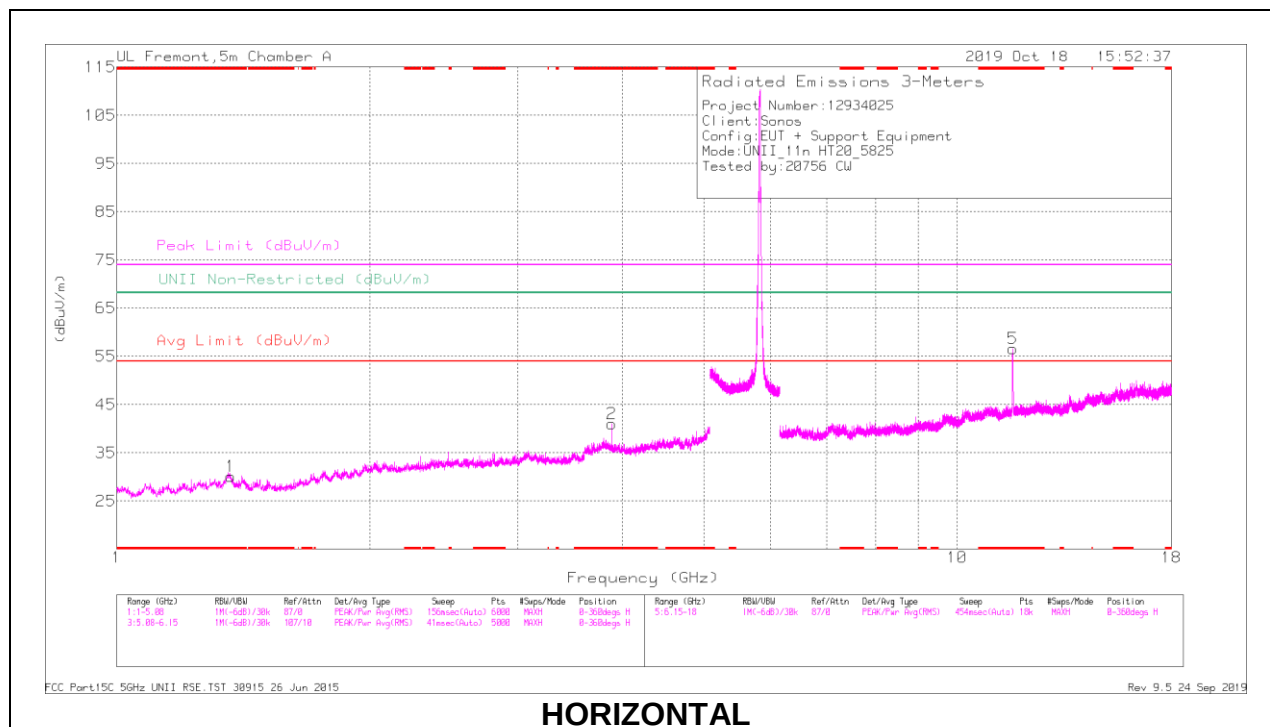
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.35359	39.6	PK-U	29.6	-31.6	0	37.6	-	-	74	-36.4	-	-	94	104	H
	* 1.35593	27.63	ADR	29.6	-31.6	.31	25.94	54	-28.06	-	-	-	-	94	104	H
2	* 3.85661	42.33	PK-U	33.7	-28.4	0	47.63	-	-	74	-26.37	-	-	262	188	H
	* 3.85667	33.9	ADR	33.7	-28.4	.31	39.51	54	-14.49	-	-	-	-	262	188	H
3	* 1.35794	39.61	PK-U	29.6	-31.6	0	37.61	-	-	74	-36.39	-	-	55	265	V
	* 1.35801	27.6	ADR	29.6	-31.6	.31	25.91	54	-28.09	-	-	-	-	55	265	V
4	* 3.85673	38.41	PK-U	33.7	-28.4	0	43.71	-	-	74	-30.29	-	-	265	314	V
	* 3.85672	27.33	ADR	33.7	-28.4	.31	32.94	54	-21.06	-	-	-	-	265	314	V
5	* 11.57259	46.18	PK-U	38.1	-19.8	0	64.48	-	-	74	-9.52	-	-	114	213	H
	* 11.56971	34.13	ADR	38.1	-19.8	.31	52.74	54	-1.26	-	-	-	-	114	213	H
6	* 11.56903	45.3	PK-U	38.1	-19.8	0	63.6	-	-	74	-10.4	-	-	44	192	V
	* 11.56997	33.89	ADR	38.1	-19.8	.31	52.5	54	-1.5	-	-	-	-	44	192	V

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

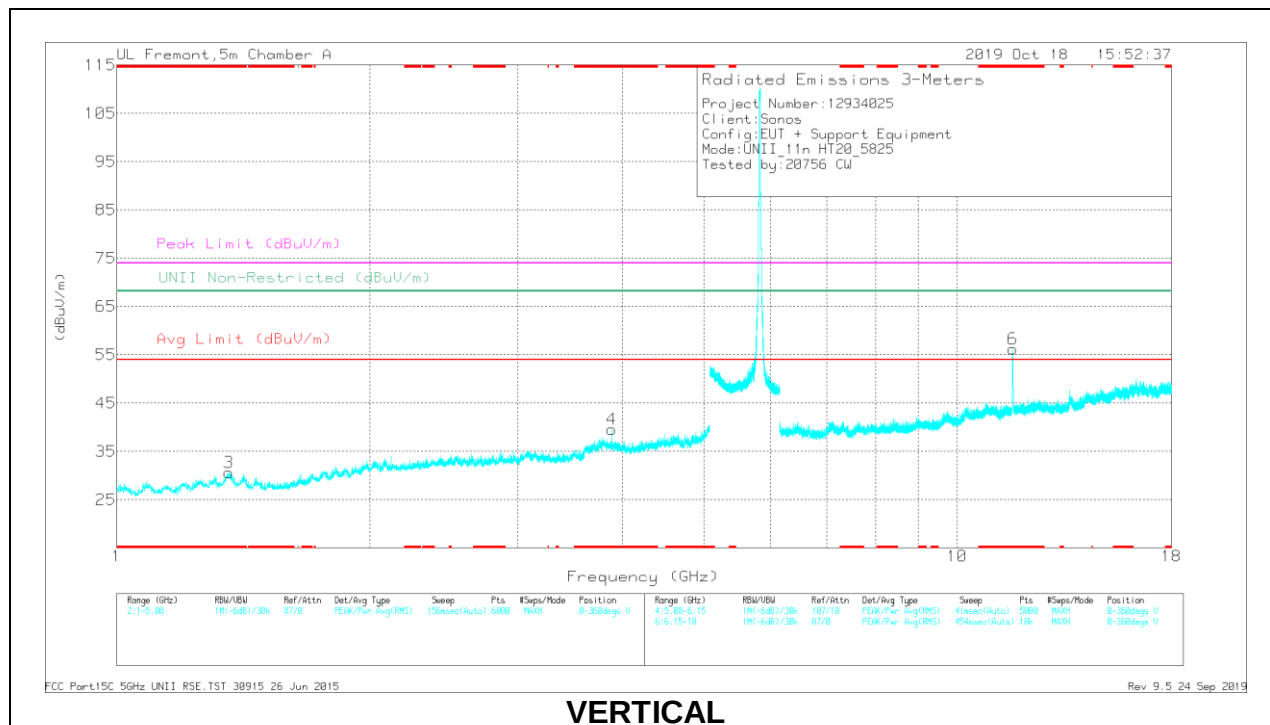
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl/Filt/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	* 1.36717	39.08	PK-U	29.6	-31.6	0	37.08	-	-	74	-36.92	-	-	226	208	H
	* 1.36469	27.48	ADR	29.6	-31.6	.31	25.79	54	-28.21	-	-	-	-	226	208	H
2	* 3.88349	40.58	PK-U	33.5	-28.7	0	45.38	-	-	74	-28.62	-	-	116	151	H
	* 3.88346	30.55	ADR	33.5	-28.7	.31	35.66	54	-18.34	-	-	-	-	116	151	H
3	* 1.36029	39.49	PK-U	29.5	-31.6	0	37.39	-	-	74	-36.61	-	-	121	153	V
	* 1.35725	27.64	ADR	29.6	-31.6	.31	25.95	54	-28.05	-	-	-	-	121	153	V
4	* 3.88316	39.51	PK-U	33.5	-28.7	0	44.31	-	-	74	-29.69	-	-	176	110	V
	* 3.88323	28.05	ADR	33.5	-28.7	.31	33.16	54	-20.84	-	-	-	-	176	110	V
5	* 11.64907	43.91	PK-U	38.3	-19.5	0	62.71	-	-	74	-11.29	-	-	133	116	H
	* 11.65001	32.51	ADR	38.3	-19.5	.31	51.62	54	-2.38	-	-	-	-	133	116	H
6	* 11.64813	42.28	PK-U	38.3	-19.6	0	60.98	-	-	74	-13.02	-	-	66	196	V
	* 11.64907	30.55	ADR	38.3	-19.5	.31	49.66	54	-4.34	-	-	-	-	66	196	V

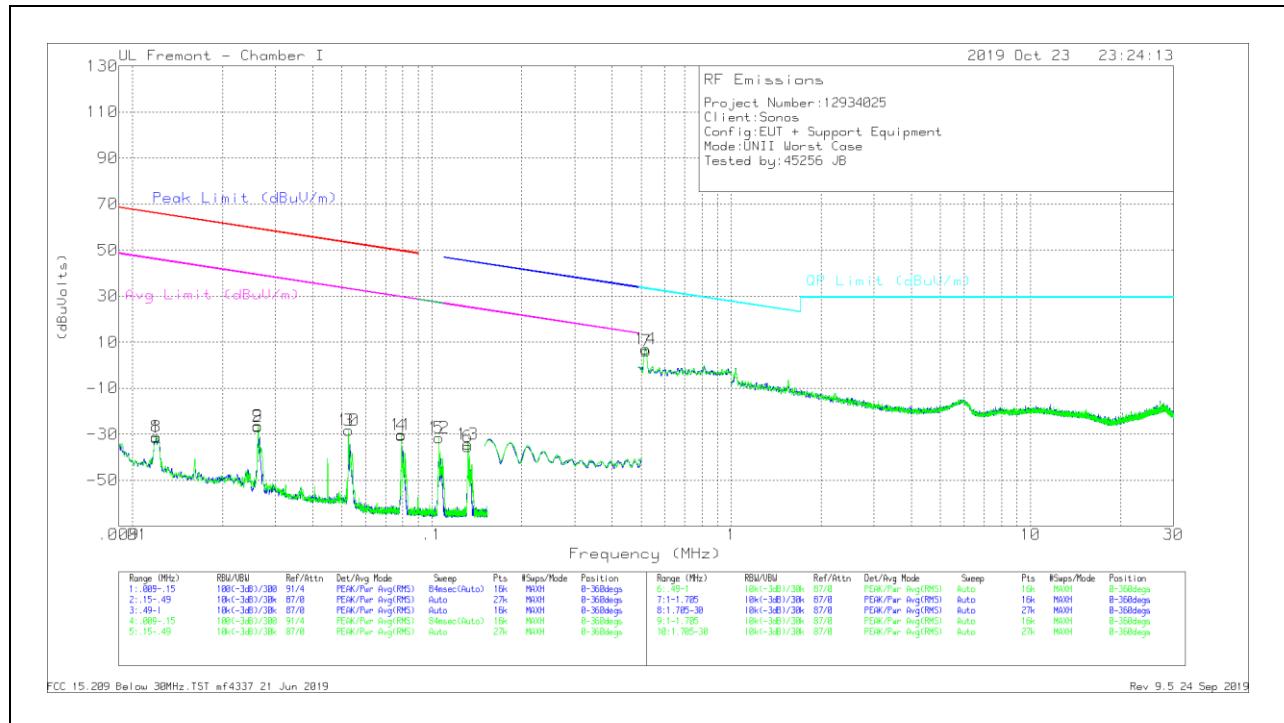
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Below 30MHz Data

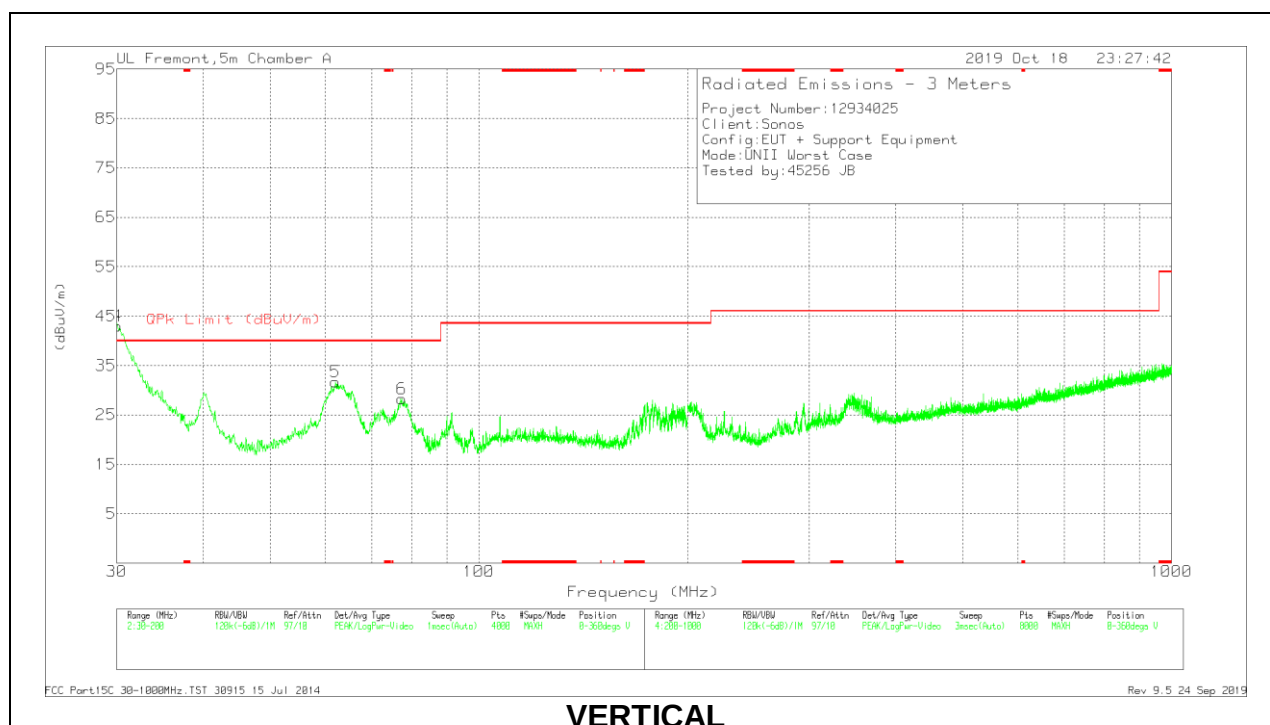
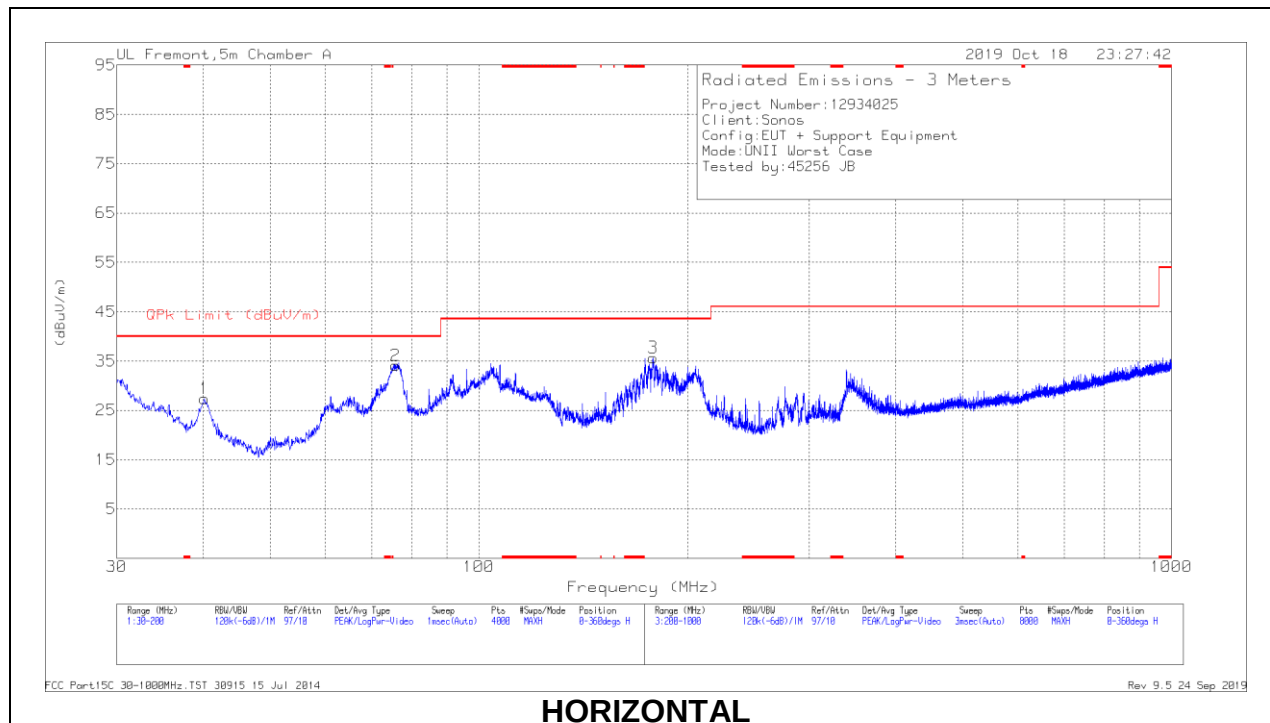
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0180175 (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.012	21.06	Pk	59.9	-32.4	-80	-31.44	66	-97.44	46	-77.44	-	-	0-360
2	.02626	27.64	Pk	58.1	-32.3	-80	-26.56	59.2	-85.76	39.2	-65.76	-	-	0-360
3	.05271	27.07	Pk	56.7	-32.1	-80	-28.33	53.15	-81.48	33.15	-61.48	-	-	0-360
4	.07916	26	Pk	55.5	-32	-80	-30.5	49.61	-80.11	29.61	-60.11	-	-	0-360
5	.10559	24.83	Pk	55.4	-31.9	-80	-31.67	-	-	-	-	27.15	-58.82	0-360
6	.13197	20.82	Pk	55.6	-31.9	-80	-35.48	45.22	-80.7	25.22	-60.7	-	-	0-360
8	.012	21.54	Pk	59.9	-32.4	-80	-30.96	66	-96.96	46	-76.96	-	-	0-360
9	.02625	27.68	Pk	58.1	-32.3	-80	-26.52	59.2	-85.72	39.2	-65.72	-	-	0-360
10	.0527	27.1	Pk	56.7	-32.1	-80	-28.3	53.15	-81.45	33.15	-61.45	-	-	0-360
11	.07915	26.19	Pk	55.5	-32	-80	-30.31	49.62	-79.93	29.62	-59.93	-	-	0-360
12	.10562	24.84	Pk	55.4	-31.9	-80	-31.66	-	-	-	-	27.14	-58.8	0-360
13	.13197	21.89	Pk	55.6	-31.9	-80	-34.41	45.22	-79.63	25.22	-59.63	-	-	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0180175 (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
7	.52024	22.05	Pk	56	-31.8	-40	6.25	33.28	-27.03	0-360
14	.51774	22.95	Pk	56	-31.8	-40	7.15	33.32	-26.17	0-360

Pk - Peak detector

9.3. WORST CASE BELOW 1 GHz



Below 1GHz DATA

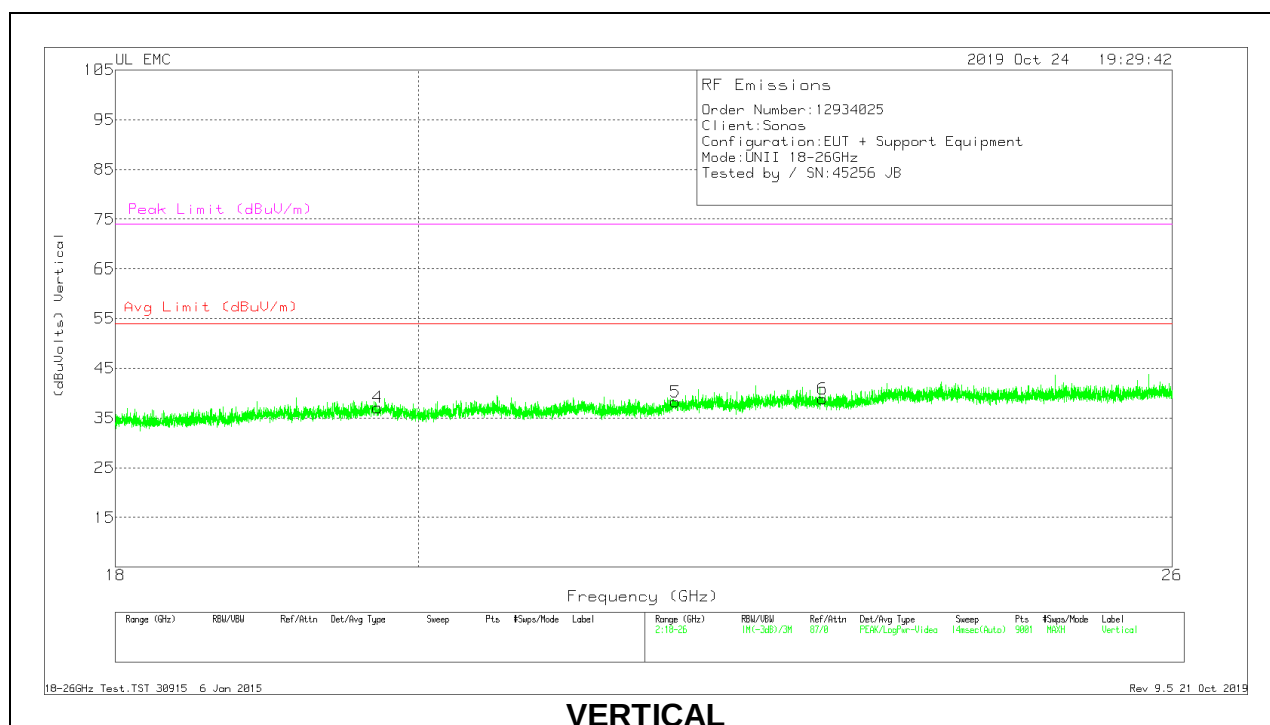
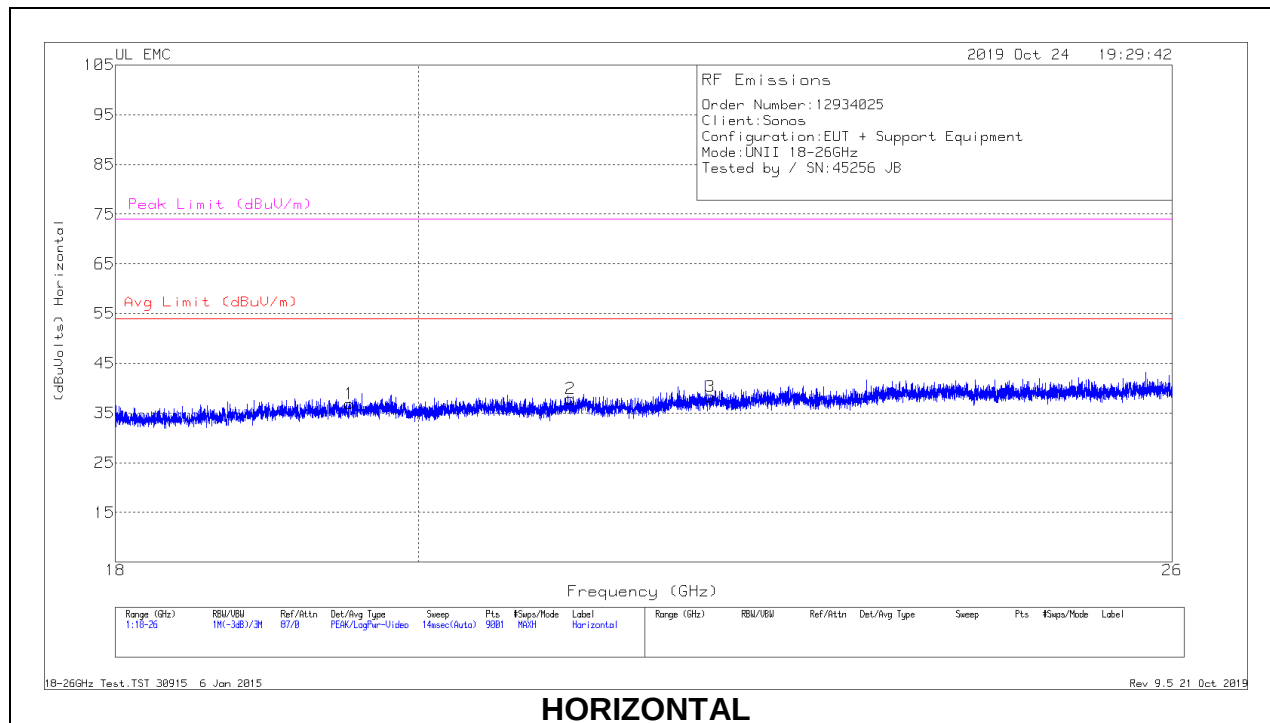
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181575 (dB)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	30.0718	39.98	Qp	26.7	-27.3	39.38	40	-.62	277	124	V
	75.7619	43.45	Qp	13.8	-26.6	30.65	40	-9.35	10	239	H
1	40.1176	35.11	Pk	19.4	-27.1	27.41	40	-12.59	0-360	199	H
5	62.0746	44.96	Pk	13.5	-26.8	31.66	40	-8.34	0-360	100	V
2	75.8694	46.92	Pk	13.8	-26.6	34.12	40	-5.88	0-360	199	H
6	77.3573	41.15	Pk	13.7	-26.6	28.25	40	-11.75	0-360	100	V
3	178.6185	43.99	Pk	17.1	-25.4	35.69	43.52	-7.83	0-360	100	H

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST CASE 18-26 GHz



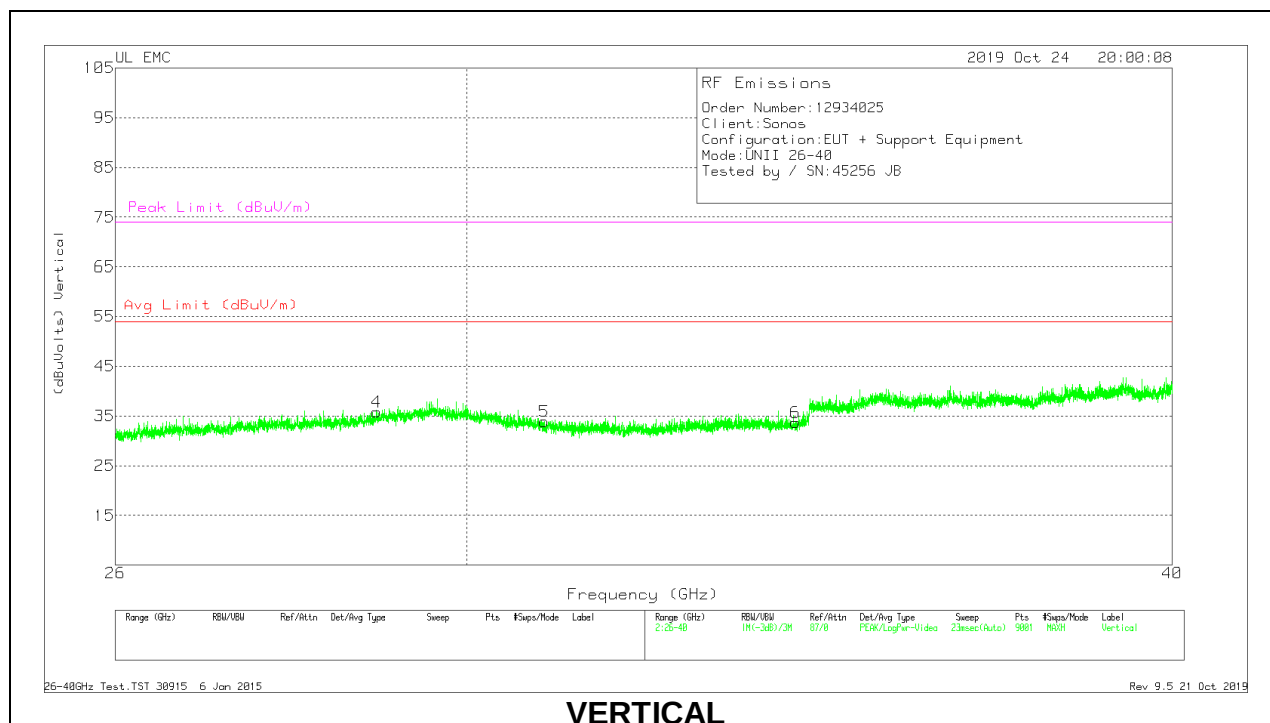
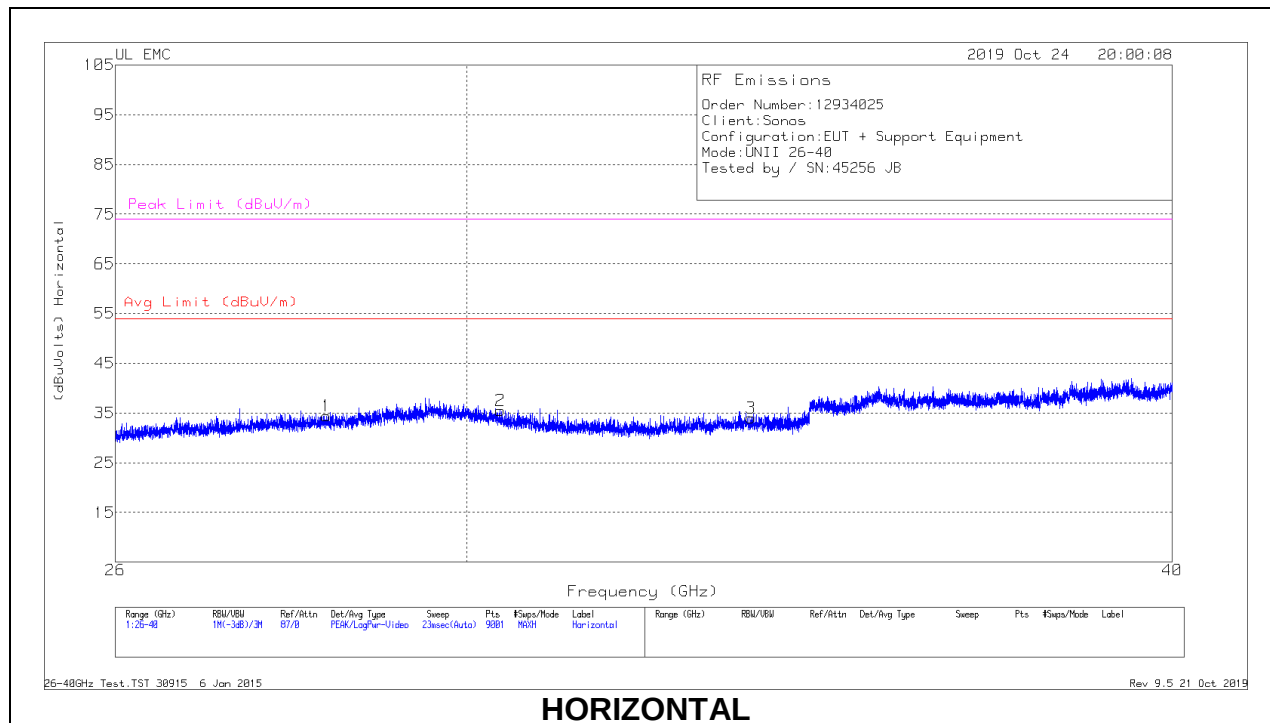
18 – 26GHz DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.52622	35.04	Pk	32.8	-21.5	-9.5	36.84	54	-17.16	74	-37.16
2	21.08622	35.05	Pk	33.1	-20.8	-9.5	37.85	54	-16.15	74	-36.15
3	22.13778	34.89	Pk	33.4	-20.5	-9.5	38.29	54	-15.71	74	-35.71
4	19.72044	35.4	Pk	32.7	-21.5	-9.5	37.1	54	-16.9	74	-36.9
5	21.87289	35.47	Pk	33.2	-20.9	-9.5	38.27	54	-15.73	74	-35.73
6	23.02311	34.75	Pk	33.6	-20	-9.5	38.85	54	-15.15	74	-35.15

Pk - Peak detector

9.5. WORST CASE 26-40 GHz



26 – 40GHz DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T445 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	28.33489	37.52	Pk	35.8	-29.4	-9.5	34.42	54	-19.58	74	-39.58
2	30.41311	37.52	Pk	36	-28.5	-9.5	35.52	54	-18.48	74	-38.48
3	33.68756	35.02	Pk	36.9	-28.4	-9.5	34.02	54	-19.98	74	-39.98
4	28.91978	38.22	Pk	35.9	-28.8	-9.5	35.82	54	-18.18	74	-38.18
5	30.96378	36.08	Pk	35.9	-28.6	-9.5	33.88	54	-20.12	74	-40.12
6	34.30356	34.57	Pk	37	-28.4	-9.5	33.67	54	-20.33	74	-40.33

Pk - Peak detector

10. 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.

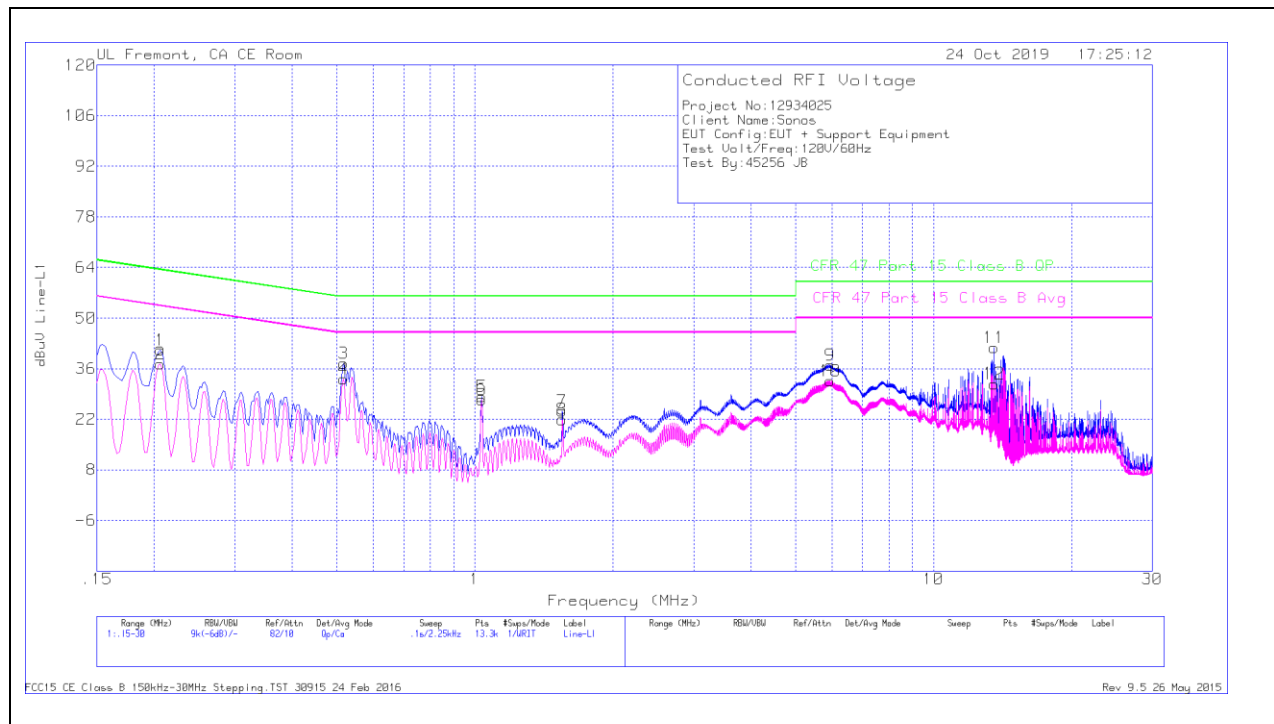
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS



Trace Markers

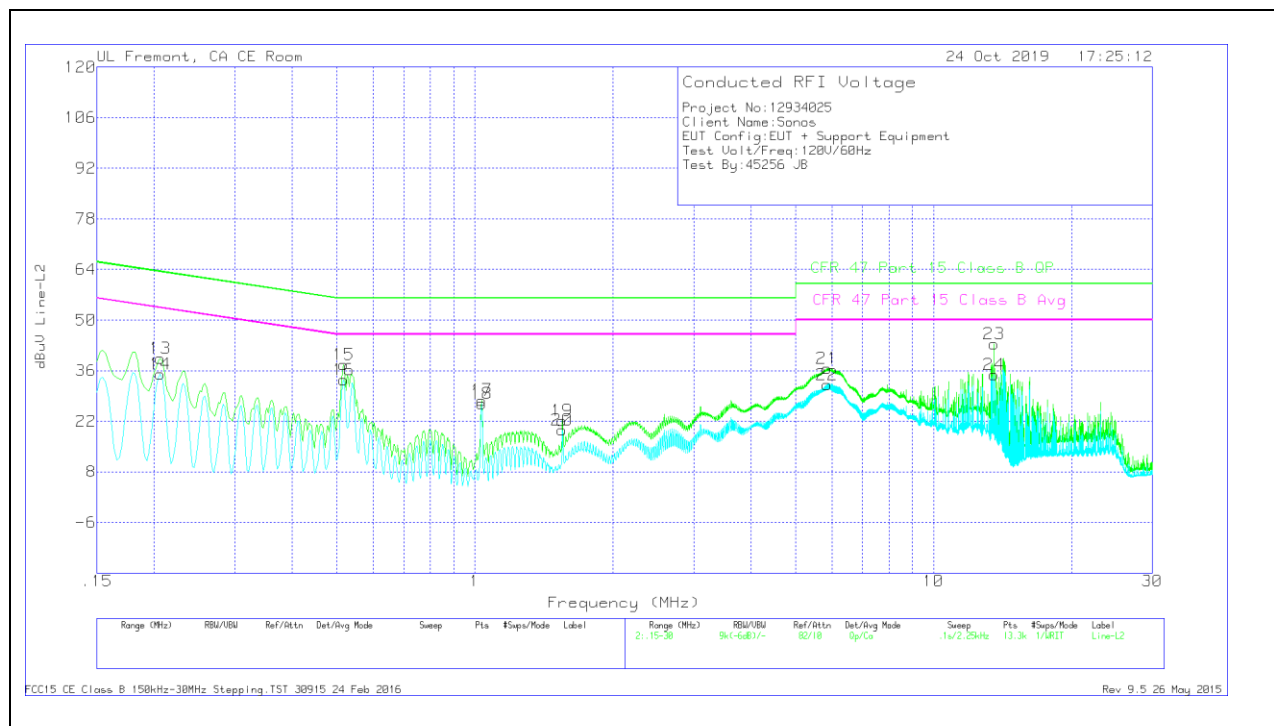
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR)Margin (dB)
1	.20625	31.06	Qp	0	0	10.1	41.16	63.35	-22.19	-	-
2	.20625	27.29	Ca	0	0	10.1	37.39	-	-	53.35	-15.96
3	.51675	27.34	Qp	0	0	10.1	37.44	56	-18.56	-	-
4	.51675	23.03	Ca	0	0	10.1	33.13	-	-	46	-12.87
5	1.03425	18.12	Qp	0	.1	10.1	28.32	56	-27.68	-	-
6	1.03425	17.28	Ca	0	.1	10.1	27.48	-	-	46	-18.52
7	1.55175	14.1	Qp	0	.1	10.1	24.3	56	-31.7	-	-
8	1.55175	11.73	Ca	0	.1	10.1	21.93	-	-	46	-24.07
9	5.9595	26.55	Qp	0	.2	10.2	36.95	60	-23.05	-	-
10	5.9595	22.25	Ca	0	.2	10.2	32.65	-	-	50	-17.35
11	13.56	31.36	Qp	.1	.2	10.2	41.86	60	-18.14	-	-
12	13.56	21.33	Ca	.1	.2	10.2	31.83	-	-	50	-18.17

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 11 and 12, 13.56MHz is an external NFC signal unrelated to the EUT.

LINE 2 RESULTS



Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	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	.20625	29.31	Qp	0	0	10.1	39.41	63.35	-23.94	-	-
14	.20625	24.89	Ca	0	0	10.1	34.99	-	-	53.35	-18.36
15	.51675	27.52	Qp	0	0	10.1	37.62	56	-18.38	-	-
16	.51675	23.4	Ca	0	0	10.1	33.5	-	-	46	-12.5
17	1.03425	17.63	Qp	0	.1	10.1	27.83	56	-28.17	-	-
18	1.03425	16.74	Ca	0	.1	10.1	26.94	-	-	46	-19.06
19	1.55175	12.06	Qp	0	.1	10.1	22.26	56	-33.74	-	-
20	1.55175	9.31	Ca	0	.1	10.1	19.51	-	-	46	-26.49
21	5.85825	26.16	Qp	0	.2	10.2	36.56	60	-23.44	-	-
22	5.85825	21.67	Ca	0	.2	10.2	32.07	-	-	50	-17.93
23	13.56	32.88	Qp	.1	.2	10.2	43.38	60	-16.62	-	-
24	13.56	24.32	Ca	.1	.2	10.2	34.82	-	-	50	-15.18

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 23 and 24, 13.56MHz is an external NFC signal unrelated to the EUT.