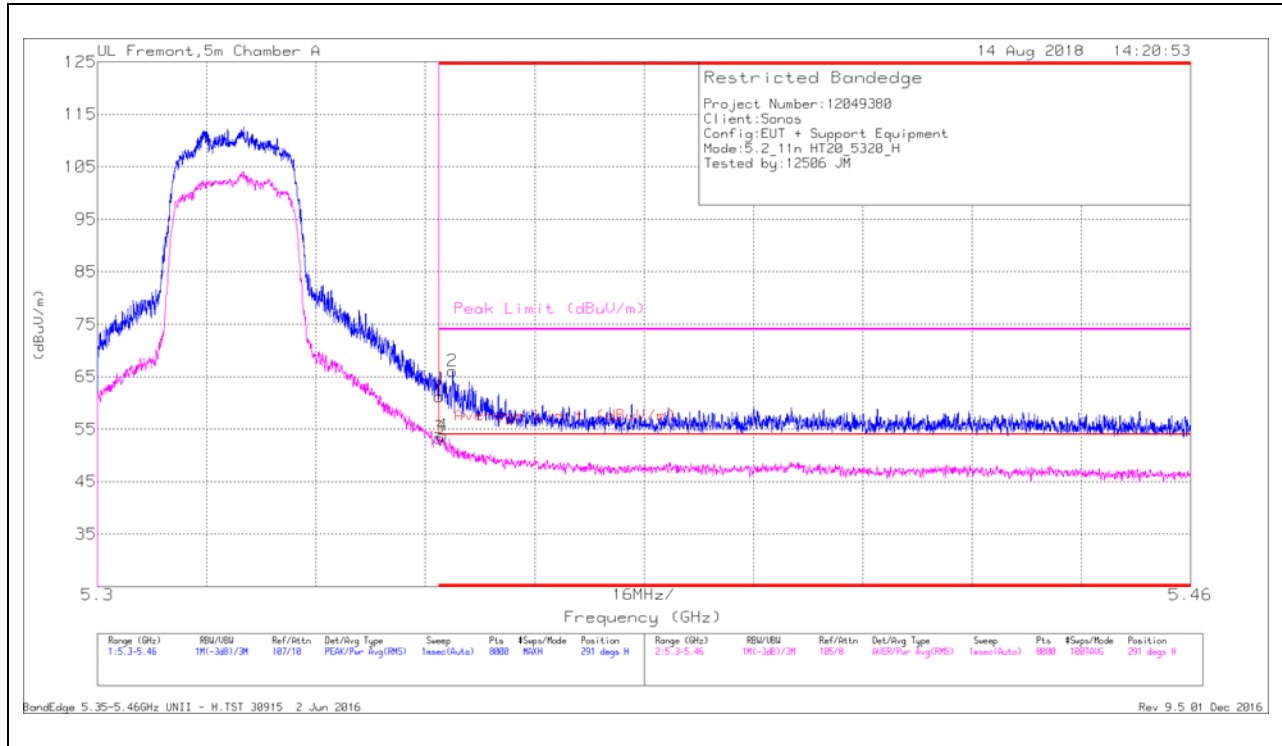


9.1.2.2. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

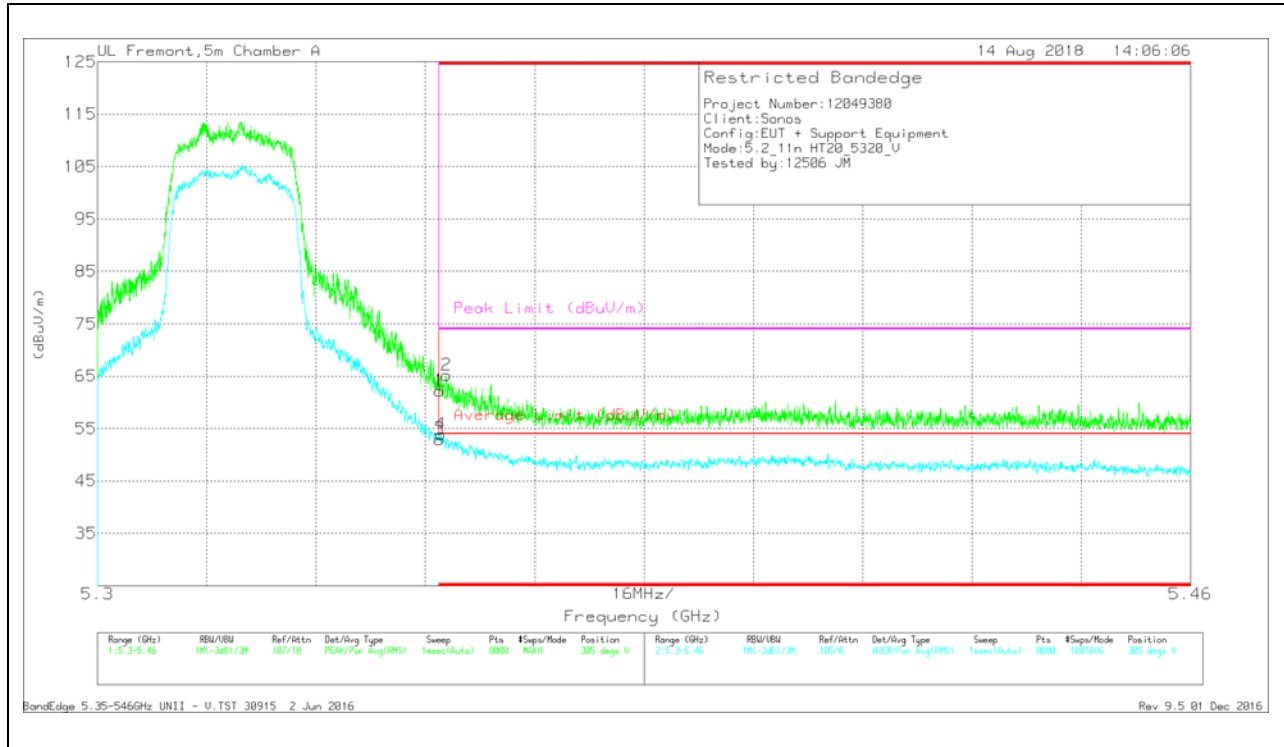
Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	AF T862 (dBm)	Amp/CB/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBUV/m)	Average Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.52	Pk	34.6	-17.9	0	61.22	-	-	74	-12.78	291	230	H
3	* 5.35	36.17	RMS	34.6	-17.9	.46	53.33	54	-6.7	-	-	291	230	H
4	* 5.351	36.64	RMS	34.6	-17.9	.46	53.33	54	-2	-	-	291	230	H
2	* 5.352	49.4	Pk	34.6	-17.9	0	66.1	-	-	74	-7.9	291	230	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.51	Pk	34.6	-17.9	0	62.21	-	-	74	-11.79	305	183	V
3	* 5.35	35.8	RMS	34.6	-17.9	.46	52.96	54	-1.04	-	-	305	183	V
4	* 5.35	36.77	RMS	34.6	-17.9	.46	53.93	54	-0.07	-	-	305	183	V
2	* 5.351	48.49	Pk	34.6	-17.9	0	65.19	-	-	74	-8.81	305	183	V

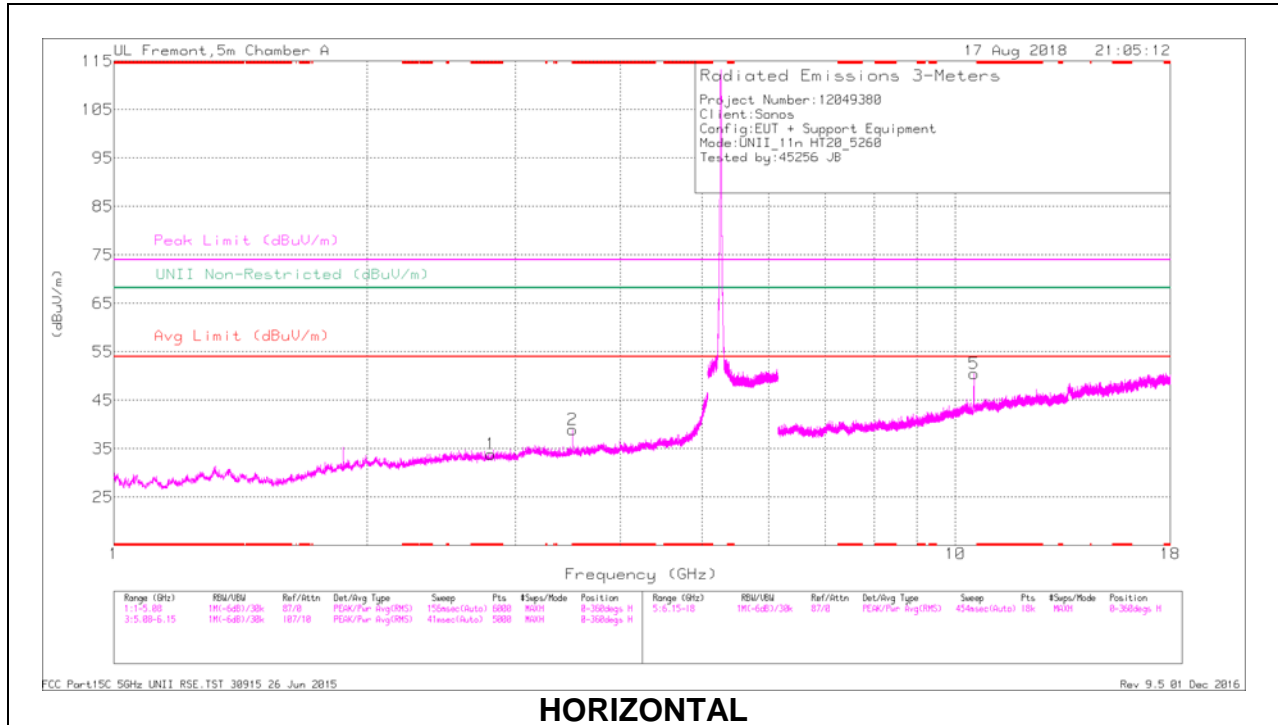
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

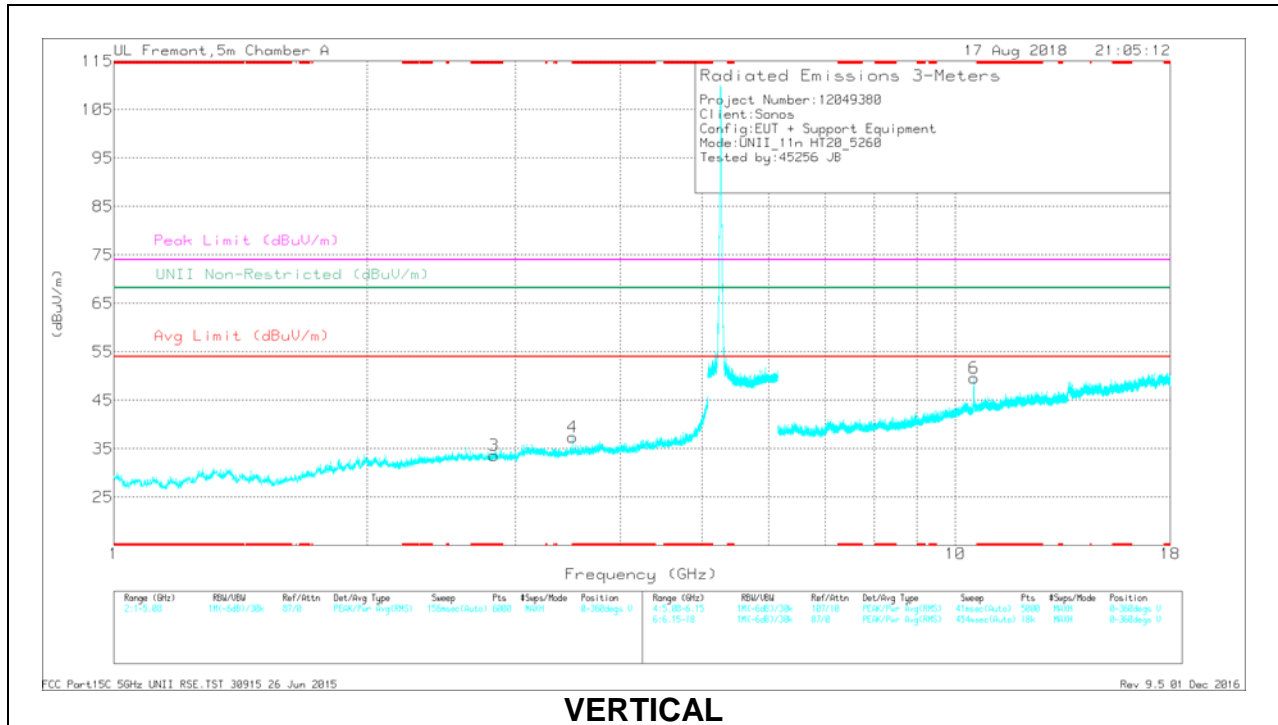
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.805	31.34	Pk	32.2	-29.6	0	33.34	-	-	74	-40.06	-	-	0-360	199	H
2	* 3.507	34.49	Pk	32.9	-28.4	0	38.99	-	-	74	-35.01	-	-	0-360	199	H
3	* 2.831	30.76	Pk	32.2	-29.3	0	33.66	-	-	74	-40.34	-	-	0-360	101	V
4	* 3.507	32.91	Pk	32.9	-28.4	0	37.41	-	-	74	-36.59	-	-	0-360	101	V
5	10.52	32.51	Pk	37.6	-19.6	0	50.51	-	-	-	-	68.2	-17.69	0-360	199	H
6	10.52	31.56	Pk	37.6	-19.6	0	49.56	-	-	-	-	68.2	-18.64	0-360	101	V

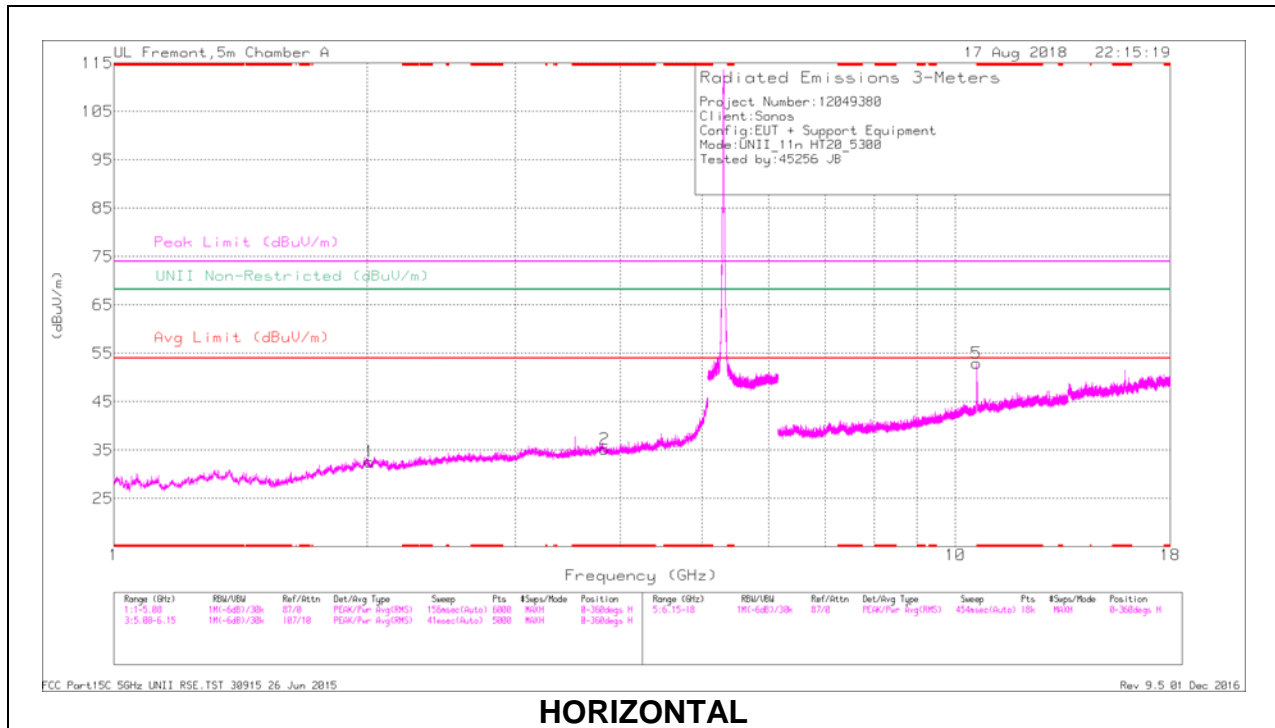
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

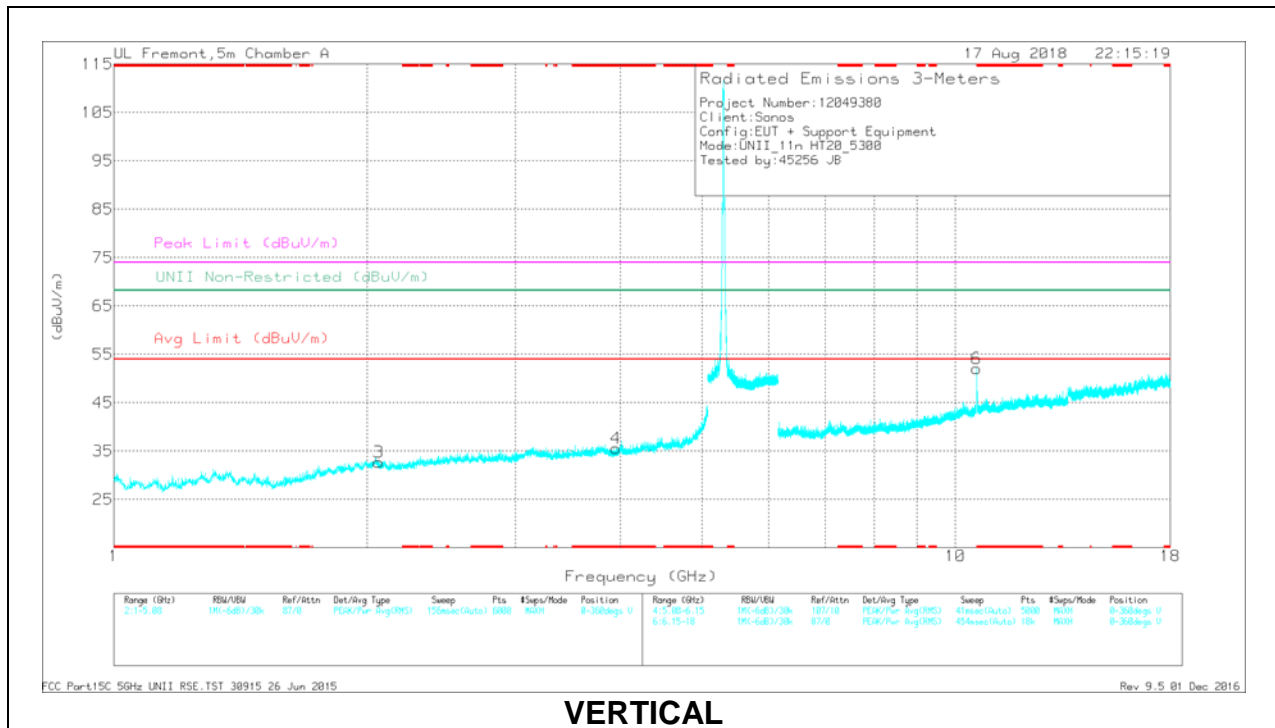
Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.804	38.01	PK-U	32.2	-29.6	0	40.61	-	-	74	-33.39	-	-	3	159	H
* 2.807	25.81	ADR	32.2	-29.6	.46	28.87	54	-25.13	-	-	-	-	3	159	H
* 3.507	40.48	PK-U	32.9	-28.4	0	44.98	-	-	74	-29.02	-	-	319	169	H
* 3.507	33.4	ADR	32.9	-28.4	.46	38.36	54	-15.64	-	-	-	-	319	169	H
* 2.832	38.34	PK-U	32.2	-29.3	0	41.24	-	-	74	-32.76	-	-	138	141	V
* 2.829	26.01	ADR	32.2	-29.4	.46	29.27	54	-24.73	-	-	-	-	138	141	V
* 3.507	38.93	PK-U	32.9	-28.4	0	43.43	-	-	74	-30.57	-	-	296	135	V
* 3.507	29.67	ADR	32.9	-28.4	.46	34.63	54	-19.37	-	-	-	-	296	135	V
10.52	41.55	PK-U	37.6	-19.6	0	59.55	-	-	-	-	68.2	-8.65	13	257	H
10.52	40.06	PK-U	37.6	-19.6	0	58.06	-	-	-	-	68.2	-10.14	302	310	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

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	AmpCdb/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.831	30.08	Pk	33	-27.9	0	35.19	-	-	74	-38.82	-	-	0-360	102	H
4	* 3.948	30.72	Pk	33.3	-28.4	0	35.62	-	-	74	-38.38	-	-	0-360	101	V
1	2.013	31.59	Pk	31.4	-30.4	0	32.59	-	-	-	-	68.2	-35.61	0-360	199	H
3	2.064	31.58	Pk	31.3	-30.2	0	32.68	-	-	-	-	68.2	-35.52	0-360	200	V
5	10.6	34.41	Pk	37.7	-19.1	0	53.01	-	-	-	-	68.2	-15.19	0-360	199	H
6	10.6	33.41	Pk	37.7	-19.1	0	52.01	-	-	-	-	68.2	-16.19	0-360	200	V

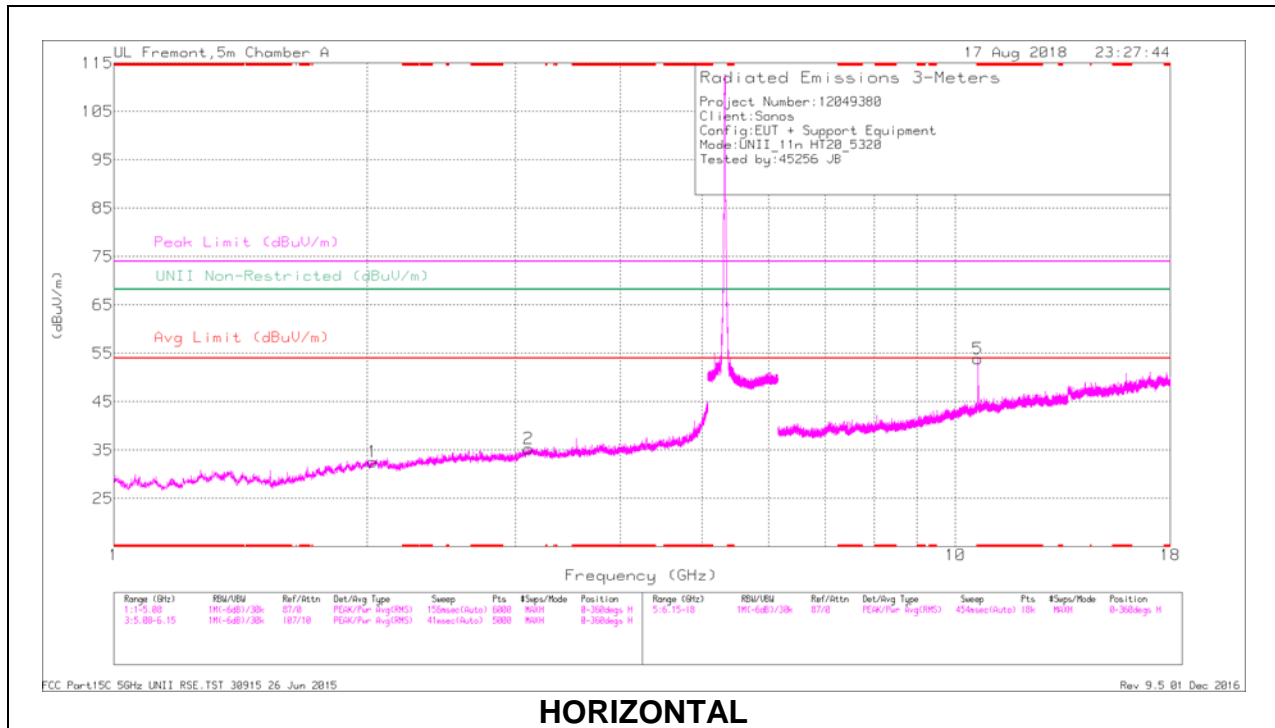
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

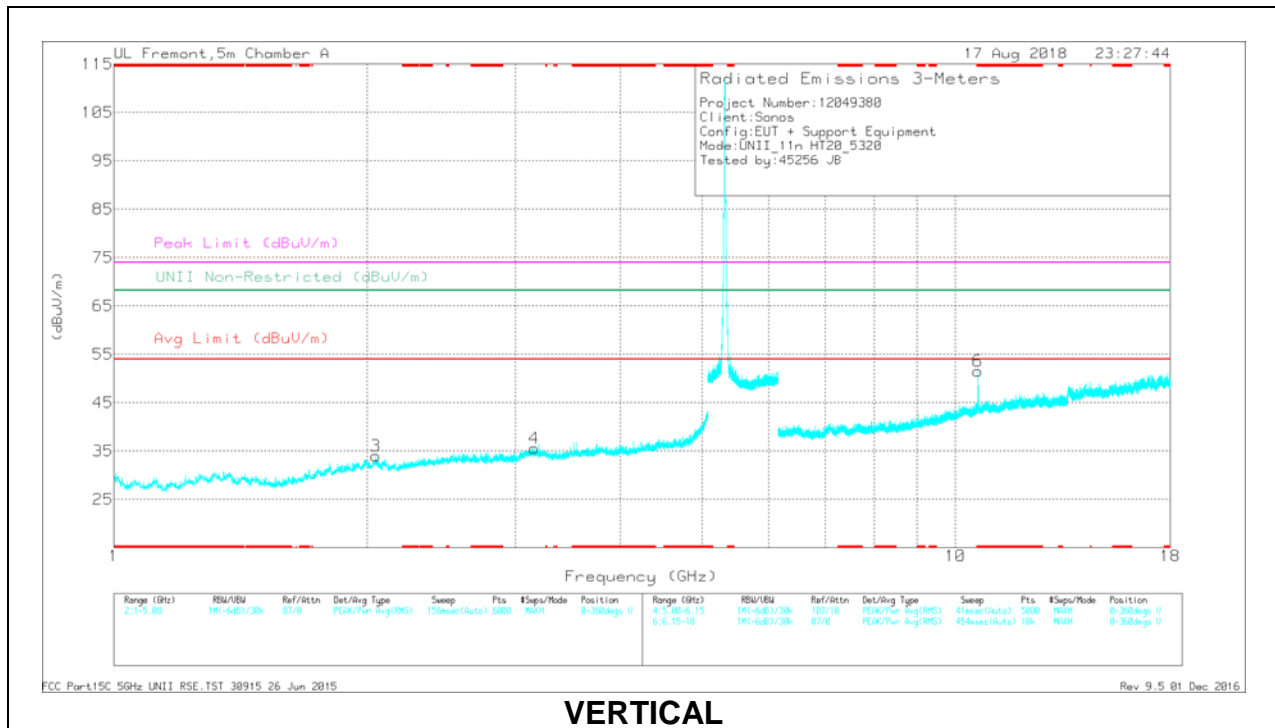
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	AmpCdb/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.833	37.11	PK-U	33	-27.9	0	42.21	-	-	74	-31.79	-	-	206	286	H
* 3.833	26.39	ADR	33	-27.9	.46	30.95	54	-23.05	-	-	-	-	206	286	H
* 3.949	36.61	PK-U	33.3	-28.3	0	41.61	-	-	74	-32.39	-	-	295	239	V
* 3.95	25.3	ADR	33.3	-28.3	.46	30.76	54	-23.24	-	-	-	-	295	239	V
* 11.529	31.8	PK-U	38.4	-18.8	0	51.4	-	-	74	-22.6	-	-	3	173	H
* 11.532	20.23	ADR	38.4	-18.8	.46	40.29	54	-13.71	-	-	-	-	3	173	H
* 11.502	31.61	PK-U	38.3	-18.7	0	51.21	-	-	74	-22.79	-	-	303	168	V
* 11.583	20.16	ADR	38.4	-18.9	.46	40.12	54	-13.88	-	-	-	-	303	168	V
2.014	38.41	PK-U	31.4	-30.4	0	39.41	-	-	-	-	68.2	-28.79	26	213	H
2.063	38.03	PK-U	31.3	-30.2	0	39.13	-	-	-	-	68.2	-29.07	331	107	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

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cab/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 10.64	35.43	Pk	37.7	-19.3	0	53.33	-	-	74	-20.17	-	-	0-360	101	H
6	* 10.64	33.14	Pk	37.7	-19.3	0	51.54	-	-	74	-22.46	-	-	0-360	200	V
1	2.031	31.33	Pk	31.4	-30.1	0	32.63	-	-	-	-	68.2	-35.57	0-360	101	H
3	2.047	32.54	Pk	31.4	-29.9	0	34.04	-	-	-	-	68.2	-34.16	0-360	200	V
2	3.108	30.61	Pk	32.9	-28.2	0	35.31	-	-	-	-	68.2	-32.89	0-360	101	H
4	3.16	31.04	Pk	32.9	-28.4	0	35.54	-	-	-	-	68.2	-32.66	0-360	200	V

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

Radiated Emissions

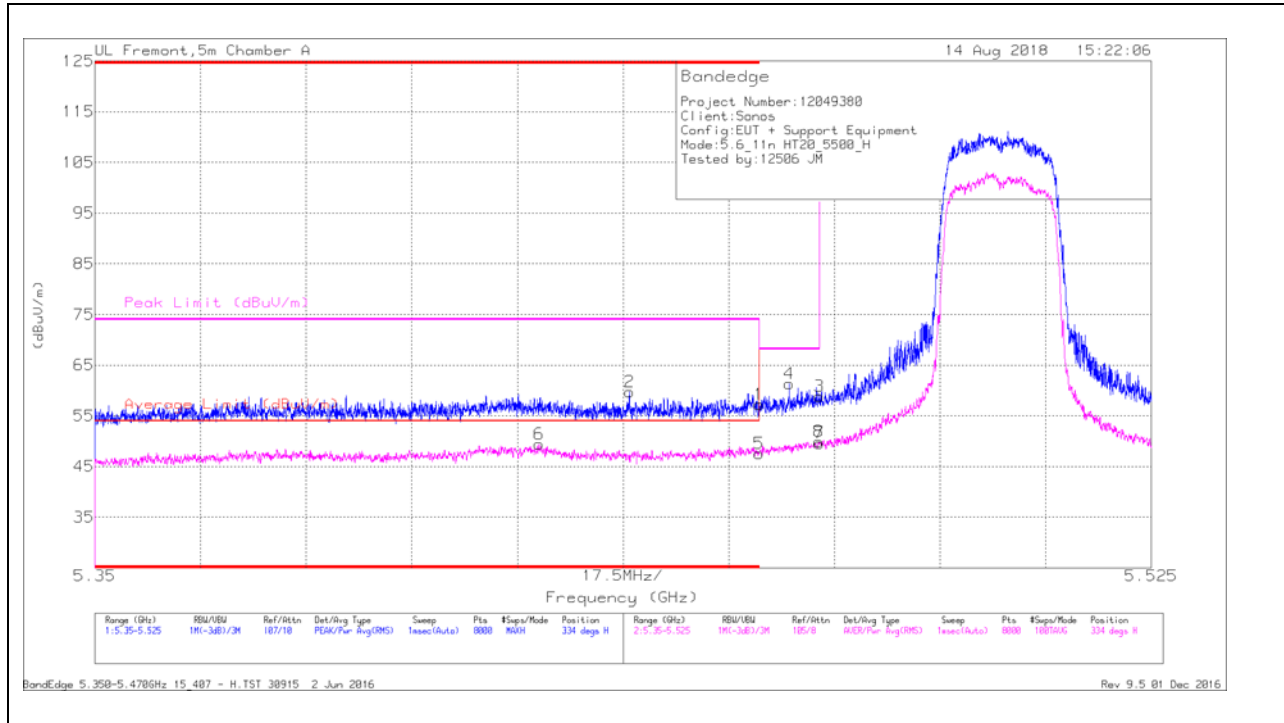
Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cab/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.64	39.61	PK-U	37.7	-19.3	0	58.01	-	-	74	-15.99	-	-	29	129	H
* 10.64	26.61	ADR	37.7	-19.3	.46	45.47	54	-8.53	-	-	-	-	29	129	H
* 10.64	40.36	PK-U	37.7	-19.3	0	58.76	-	-	74	-15.24	-	-	326	156	V
* 10.64	27.57	ADR	37.7	-19.3	.46	46.43	54	-7.57	-	-	-	-	326	156	V
2.029	38.33	PK-U	31.4	-30.1	0	39.63	-	-	-	-	68.2	-28.57	349	132	H
2.048	38.99	PK-U	31.4	-29.9	0	40.49	-	-	-	-	68.2	-27.71	5	170	V
3.107	37.62	PK-U	32.9	-28.3	0	42.22	-	-	-	-	68.2	-25.98	255	322	H
3.16	37.64	PK-U	32.9	-28.4	0	42.14	-	-	-	-	68.2	-26.06	0	301	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

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

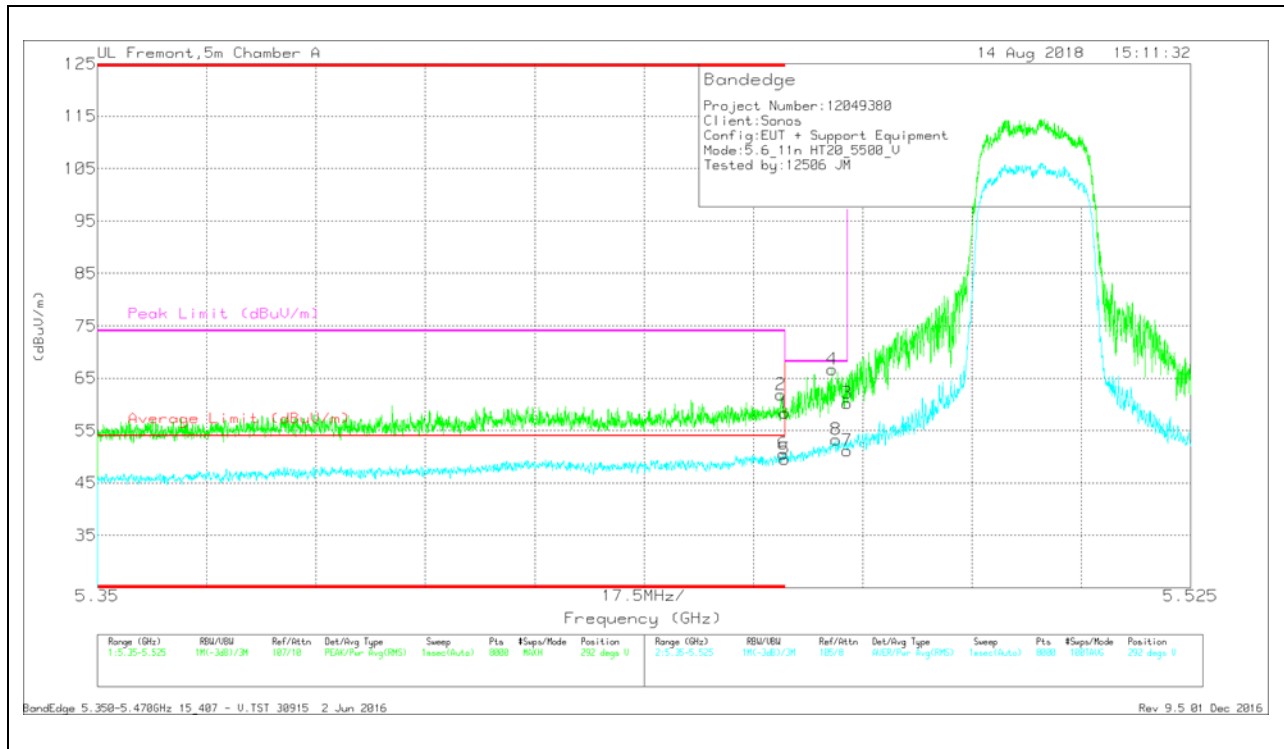


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/W/tr/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
6	* 5.424	32.19	RMS	34.7	-17.9	.46	49.45	54	-4.55	-	-	334	110	H
2	* 5.439	42.81	Pk	34.7	-17.8	0	59.71	-	-	74	-14.29	334	110	H
1	* 5.46	40.43	Pk	34.7	-17.9	0	57.23	-	-	74	-16.77	334	110	H
5	* 5.46	30.26	RMS	34.7	-17.9	.46	47.52	54	-6.48	-	-	334	110	H
4	5.465	44.52	Pk	34.7	-17.9	0	61.32	-	-	68.2	-6.88	334	110	H
3	5.47	41.85	Pk	34.8	-17.8	0	58.85	-	-	68.2	-9.35	334	110	H
7	5.47	32.15	RMS	34.8	-17.8	.46	49.61	-	-	-	-	334	110	H
8	5.47	32.47	RMS	34.8	-17.8	.46	49.93	-	-	-	-	334	110	H

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

VERTICAL RESULT



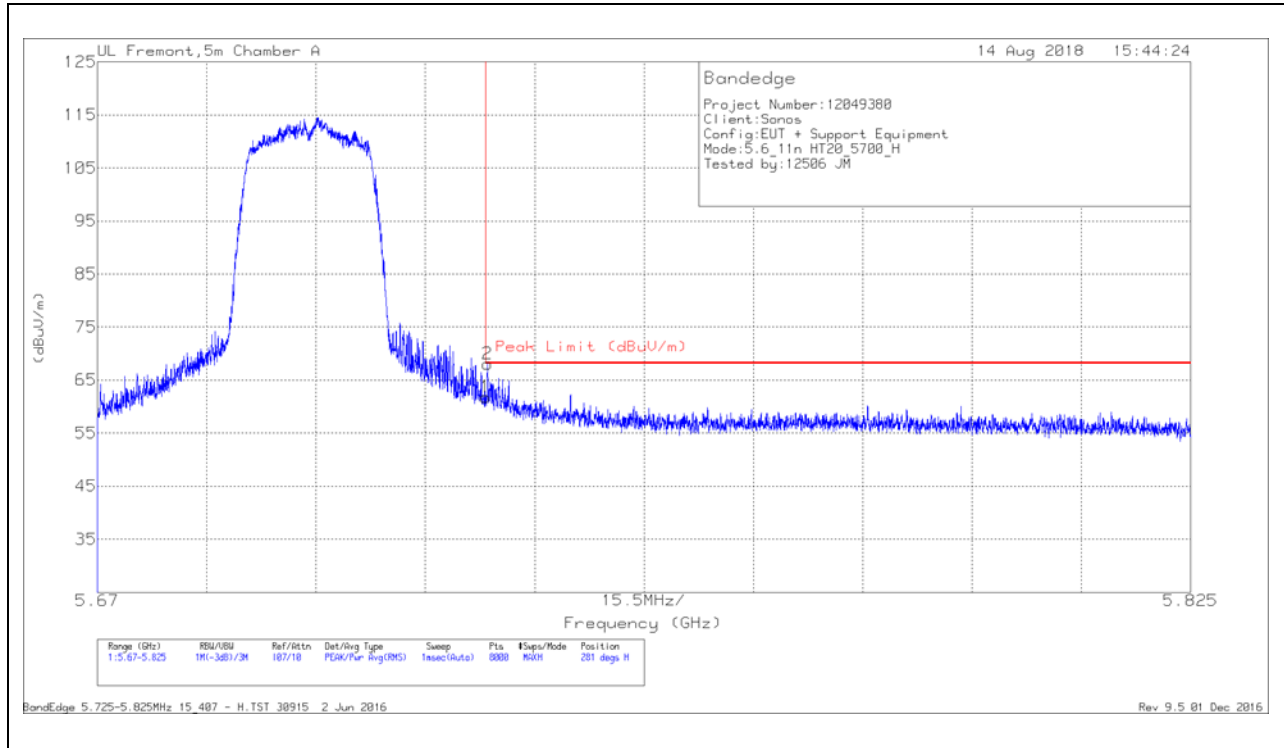
Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/CB/Fitr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.459	45.09	Pk	34.7	-17.9	0	61.89	-	-	74	-12.11	292	109	V
1	* 5.46	41.6	Pk	34.7	-17.9	0	58.4	-	-	74	-15.6	292	109	V
5	* 5.46	32.27	RMS	34.7	-17.9	.46	49.53	54	-4.47	-	-	292	109	V
6	* 5.46	33.31	RMS	34.7	-17.9	.46	50.57	54	-3.43	-	-	292	109	V
4	5.468	49.78	Pk	34.8	-17.9	0	66.68	-	-	68.2	-1.52	292	109	V
8	5.468	35.82	RMS	34.8	-17.8	.46	53.28	-	-	-	-	292	109	V
3	5.47	43.27	Pk	34.8	-17.8	0	60.27	-	-	68.2	-7.93	292	109	V
7	5.47	33.75	RMS	34.8	-17.8	.46	51.21	-	-	-	-	292	109	V

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

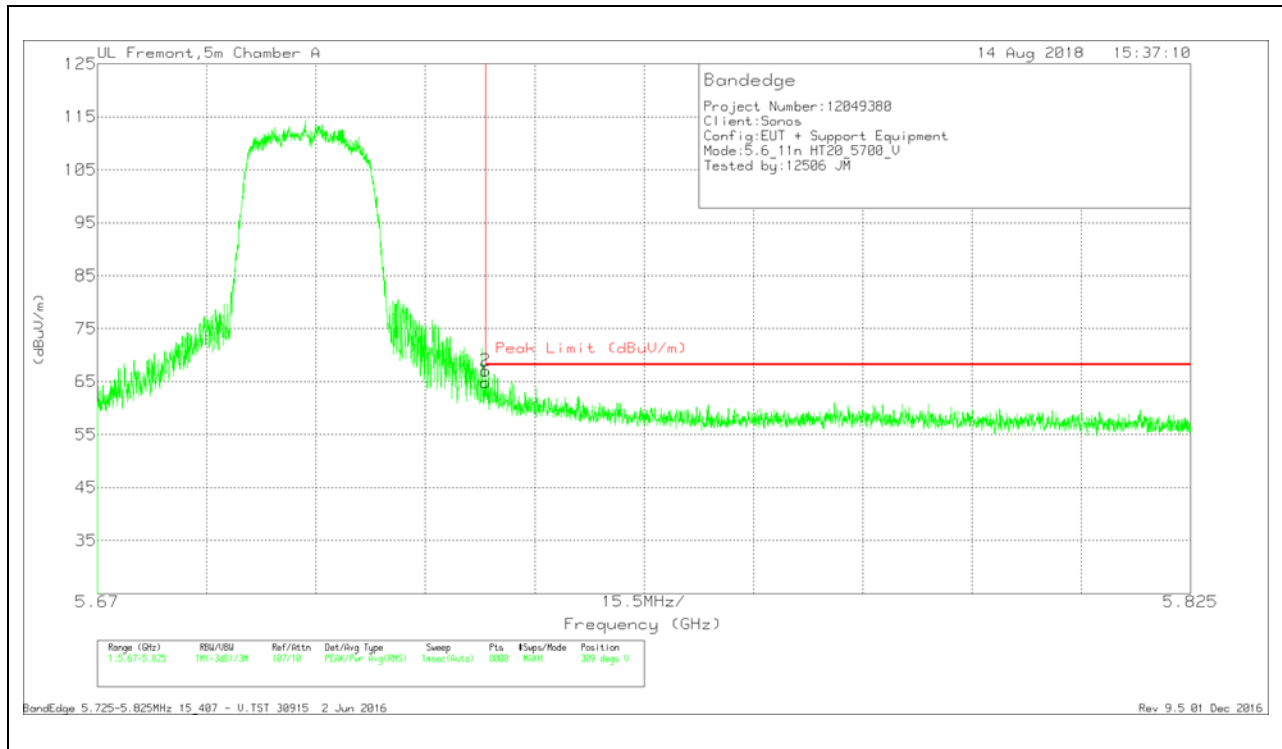


Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Correcte d Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.64	Pk	35	-17.9	61.74	68.2	-6.46	281	306	H
2	5.725	50.92	Pk	35	-17.9	68.02	68.2	-1.18	281	306	H

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

VERTICAL RESULT



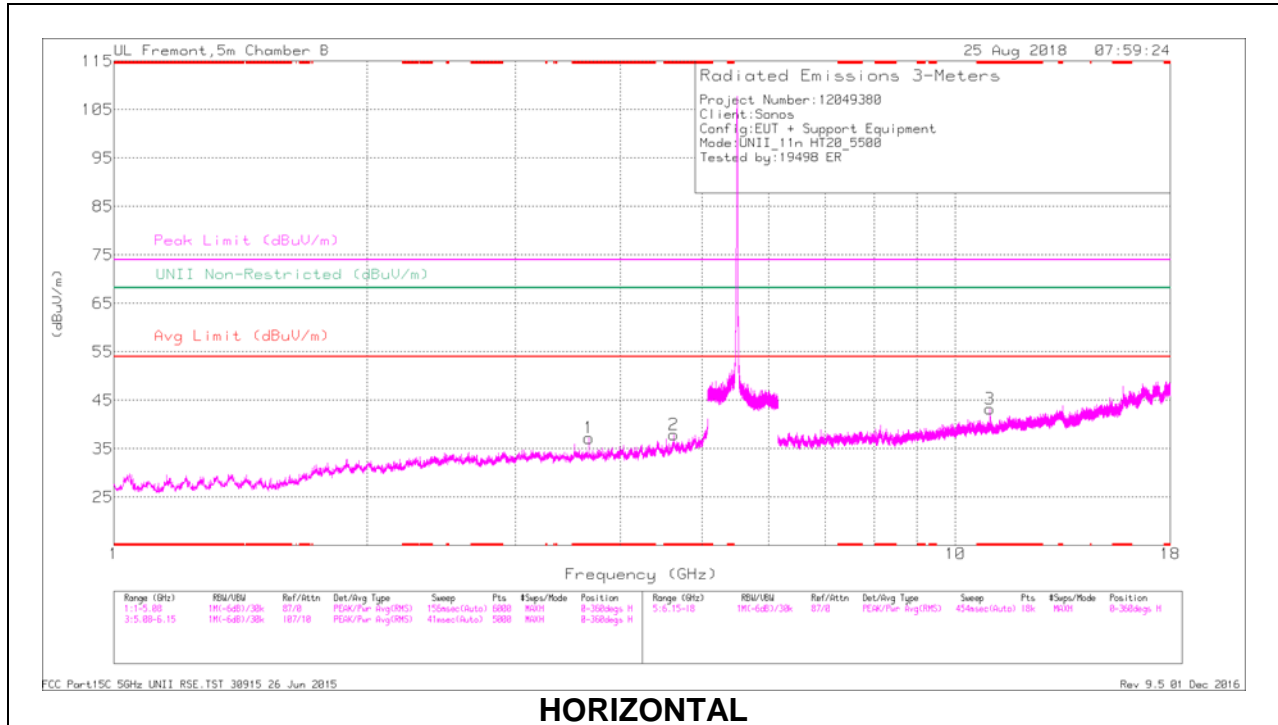
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (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	47.81	Pk	35	-17.9	64.91	68.2	-3.29	309	168	V
2	5.725	49.98	Pk	35	-17.9	67.08	68.2	-1.12	309	168	V

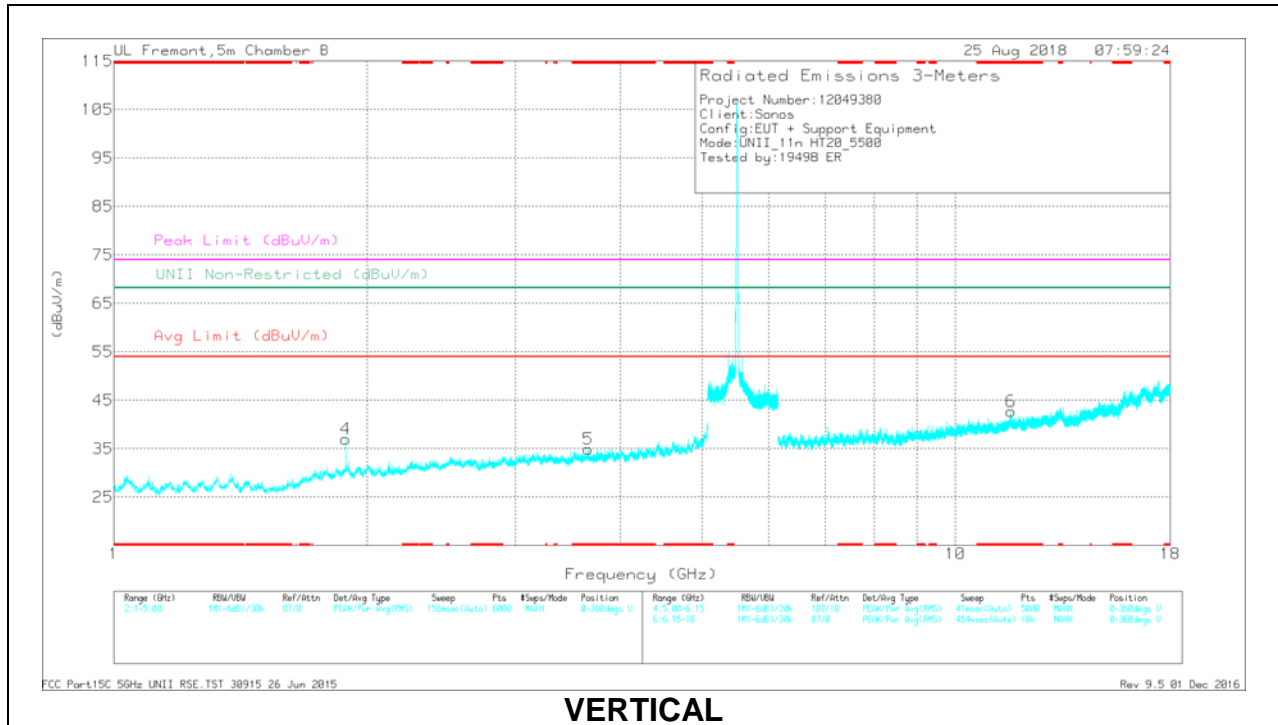
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cab/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	* 3.667	35.5	Pk	33.3	-31.6	0	37.2	-	-	74	-36.8	-	-	0-360	199	H
2	* 4.626	33.36	Pk	34.1	-29.5	0	37.96	-	-	74	-36.04	-	-	0-360	199	H
5	* 3.666	33.34	Pk	33.3	-31.7	0	34.94	-	-	74	-39.06	-	-	0-360	102	V
3	* 10.994	28.94	Pk	37.9	-23.6	0	43.24	-	-	74	-30.76	-	-	0-360	199	H
6	* 11.643	27.66	Pk	38.8	-23.8	0	42.66	-	-	74	-31.34	-	-	0-360	102	V
4	1.886	39.36	Pk	31	-33.4	0	36.96	-	-	-	-	68.2	-31.24	0-360	200	V

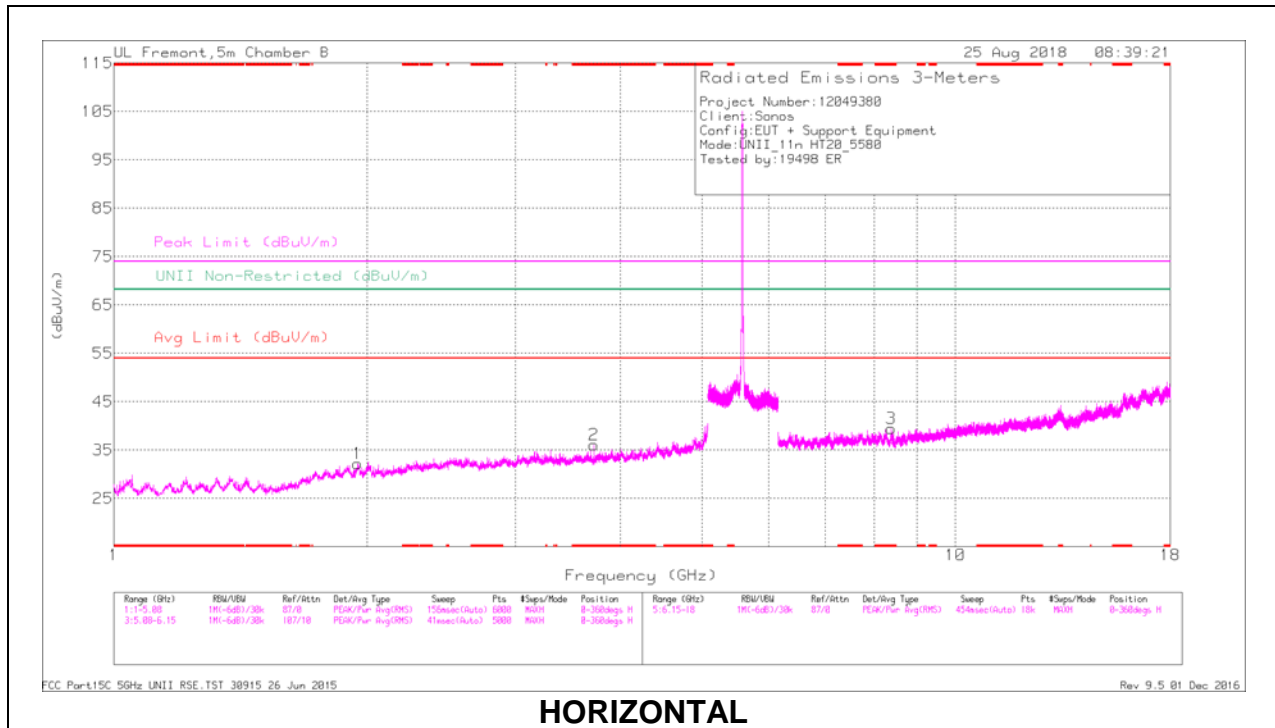
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

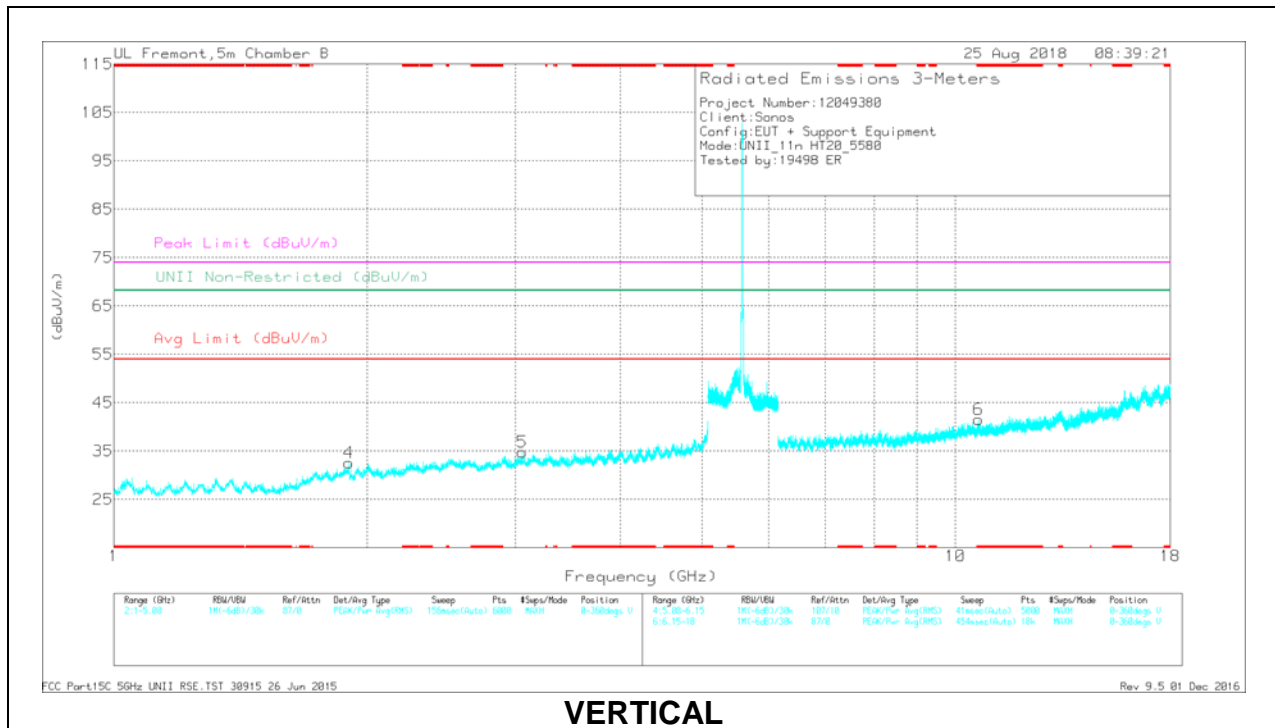
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cab/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.667	40.43	PK-U	33.3	-31.6	0	42.13	-	-	74	-31.87	-	-	155	154	H
* 3.667	30.34	ADR	33.3	-31.6	.46	32.5	54	-21.5	-	-	-	-	155	154	H
* 4.626	39.02	PK-U	34.1	-29.5	0	43.62	-	-	74	-30.38	-	-	173	239	H
* 4.626	28.94	ADR	34.1	-29.5	.46	31.9	54	-22.1	-	-	-	-	173	239	H
* 3.666	39.63	PK-U	33.3	-31.7	0	41.23	-	-	74	-32.77	-	-	48	132	V
* 3.661	27.73	ADR	33.3	-31.7	.46	29.79	54	-24.21	-	-	-	-	48	132	V
* 10.995	34.72	PK-U	37.9	-23.6	0	49.02	-	-	74	-24.98	-	-	168	237	H
* 10.995	22.24	ADR	37.9	-23.6	.46	37	54	-17	-	-	-	-	168	237	H
* 11.645	32.69	PK-U	38.8	-23.7	0	47.79	-	-	74	-26.21	-	-	236	196	V
* 11.644	20.41	ADR	38.8	-23.8	.46	35.87	54	-18.13	-	-	-	-	236	196	V
1.886	39.23	PK-U	31	-33.4	0	36.83	-	-	-	-	68.2	-31.37	276	177	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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmpCblFilt/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
2	* 3.72	34.53	Pk	33.3	-31.7	0	36.13	-	-	74	-37.87	-	-	0-360	199	H
3	* 8.387	30.71	Pk	36.2	-27.5	0	39.41	-	-	74	-34.59	-	-	0-360	199	H
6	* 10.645	27.87	Pk	37.8	-24.1	0	41.57	-	-	74	-32.43	-	-	0-360	199	V
4	1.9	34.64	Pk	31.1	-33.2	0	32.54	-	-	-	-	68.2	-35.66	0-360	102	V
1	1.949	33.96	Pk	31	-32.8	0	32.16	-	-	-	-	68.2	-36.04	0-360	102	H
5	3.056	33.86	Pk	33	-32.1	0	34.76	-	-	-	-	68.2	-33.44	0-360	102	V

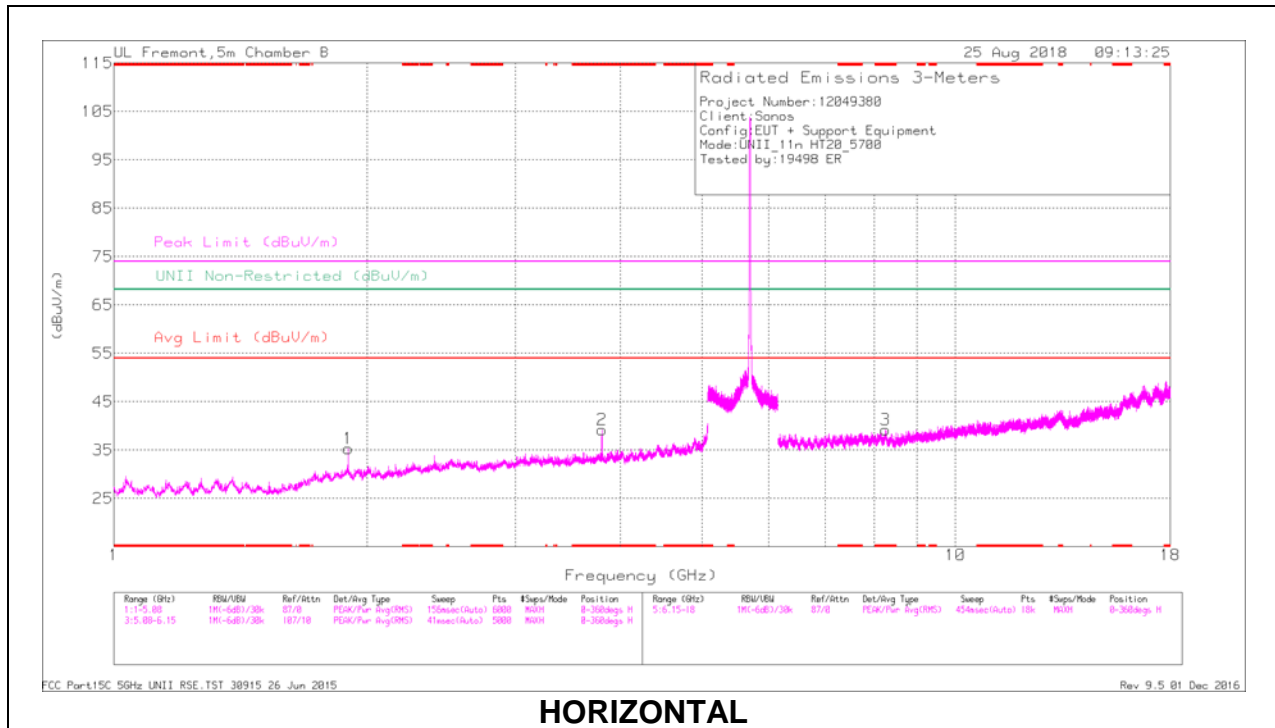
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

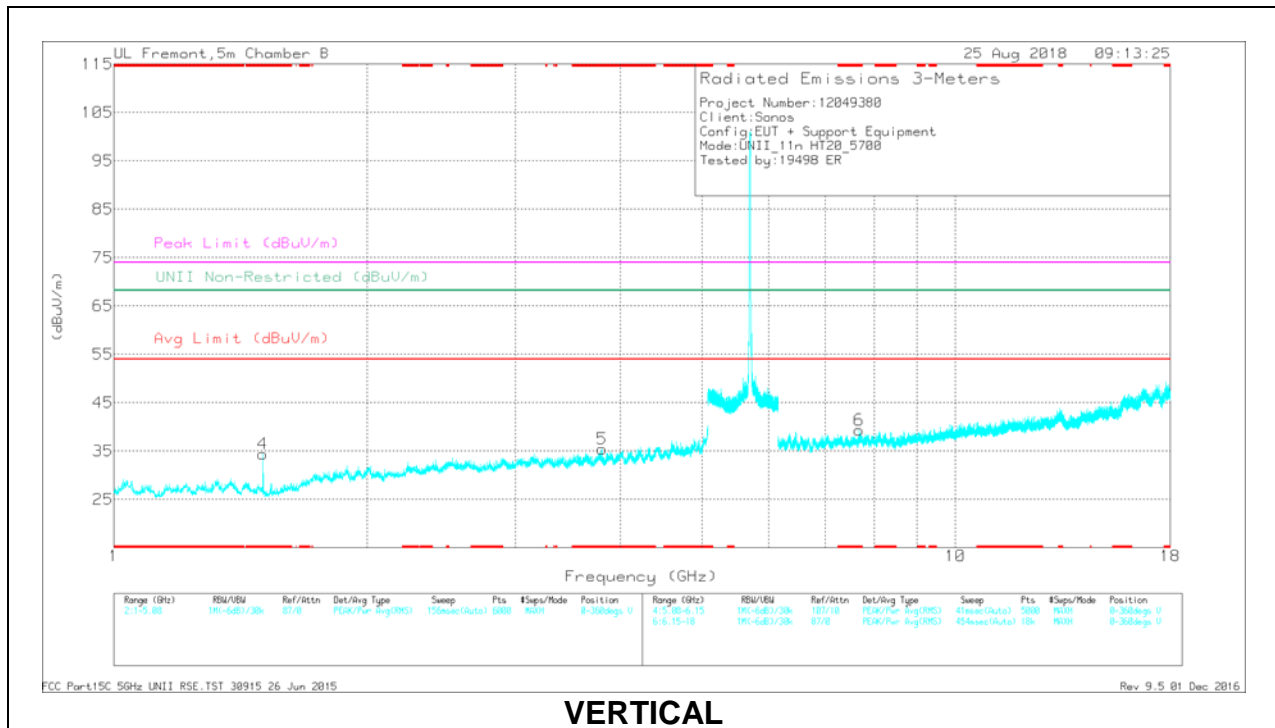
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmpCblFilt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.72	41.38	PK-U	33.3	-31.7	0	42.98	-	-	74	-31.02	-	-	148	174	H
* 3.72	33.92	ADR	33.3	-31.7	.46	35.98	54	-18.02	-	-	-	-	148	174	H
* 8.388	36.27	PK-U	36.2	-27.5	0	44.97	-	-	74	-29.03	-	-	94	249	H
* 8.386	24.54	ADR	36.2	-27.5	.46	33.7	54	-20.3	-	-	-	-	94	249	H
* 10.646	33.2	PK-U	37.8	-24	0	47	-	-	74	-27	-	-	42	143	V
* 10.646	21.43	ADR	37.8	-24	.46	35.69	54	-18.31	-	-	-	-	42	143	V
1.899	40.49	PK-U	31.1	-33.3	0	38.29	-	-	-	-	68.2	-29.91	208	185	V
1.95	40.33	PK-U	31	-32.8	0	38.53	-	-	-	-	68.2	-29.67	288	128	H
3.055	39.4	PK-U	33	-32.1	0	40.3	-	-	-	-	68.2	-27.9	140	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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmpCdb/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.8	37.48	Pk	33.4	-31.7	0	39.18	-	-	74	-34.82	-	-	0-360	199	H
4	* 1.504	41.13	Pk	27.7	-34.4	0	34.43	-	-	74	-39.57	-	-	0-360	200	V
5	* 3.8	33.76	Pk	33.4	-31.7	0	35.46	-	-	74	-38.54	-	-	0-360	102	V
3	* 8.257	30.13	Pk	36.4	-27.3	0	39.23	-	-	74	-34.77	-	-	0-360	199	H
6	* 7.689	30.96	Pk	36.5	-28.1	0	39.36	-	-	74	-34.64	-	-	0-360	199	V
1	1.898	37.49	Pk	31.1	-33.3	0	35.29	-	-	-	-	68.2	-32.91	0-360	102	H

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

Radiated Emissions

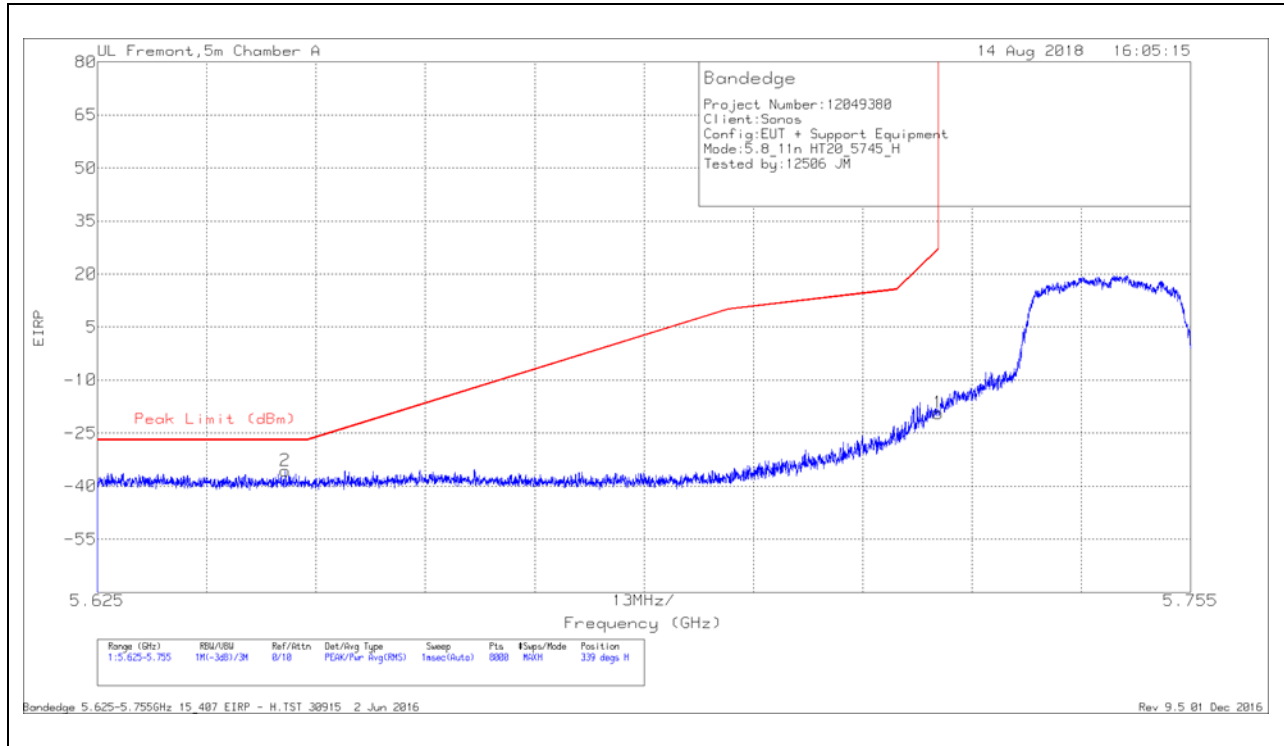
Frequenc y (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	AmpCdb/Ftr/Pad (dB)	DC Corr (dB)	Correcte d Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	42.46	PK-U	33.4	-31.7	0	44.16	-	-	74	-29.84	-	-	96	157	H
* 3.8	35.95	ADR	33.4	-31.8	.46	38.01	54	-15.99	-	-	-	-	96	157	H
* 1.503	40.68	PK-U	27.7	-34.4	0	33.98	-	-	74	-40.02	-	-	173	192	V
* 1.503	29.2	ADR	27.7	-34.4	.46	22.96	54	-31.04	-	-	-	-	173	192	V
* 3.8	40.2	PK-U	33.4	-31.7	0	41.9	-	-	74	-32.1	-	-	27	105	V
* 3.8	31.37	ADR	33.4	-31.8	.46	33.43	54	-20.57	-	-	-	-	27	105	V
* 8.255	36.76	PK-U	36.4	-27.3	0	45.86	-	-	74	-28.14	-	-	116	194	H
* 8.255	24.17	ADR	36.4	-27.3	.46	33.73	54	-20.27	-	-	-	-	116	194	H
* 7.691	37.19	PK-U	36.5	-28.2	0	45.49	-	-	74	-28.51	-	-	264	288	V
* 7.691	25.44	ADR	36.5	-28.2	.46	34.2	54	-19.8	-	-	-	-	264	288	V
1.898	40	PK-U	31.1	-33.3	0	37.6	-	-	-	-	68.2	-30.4	67	135	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

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

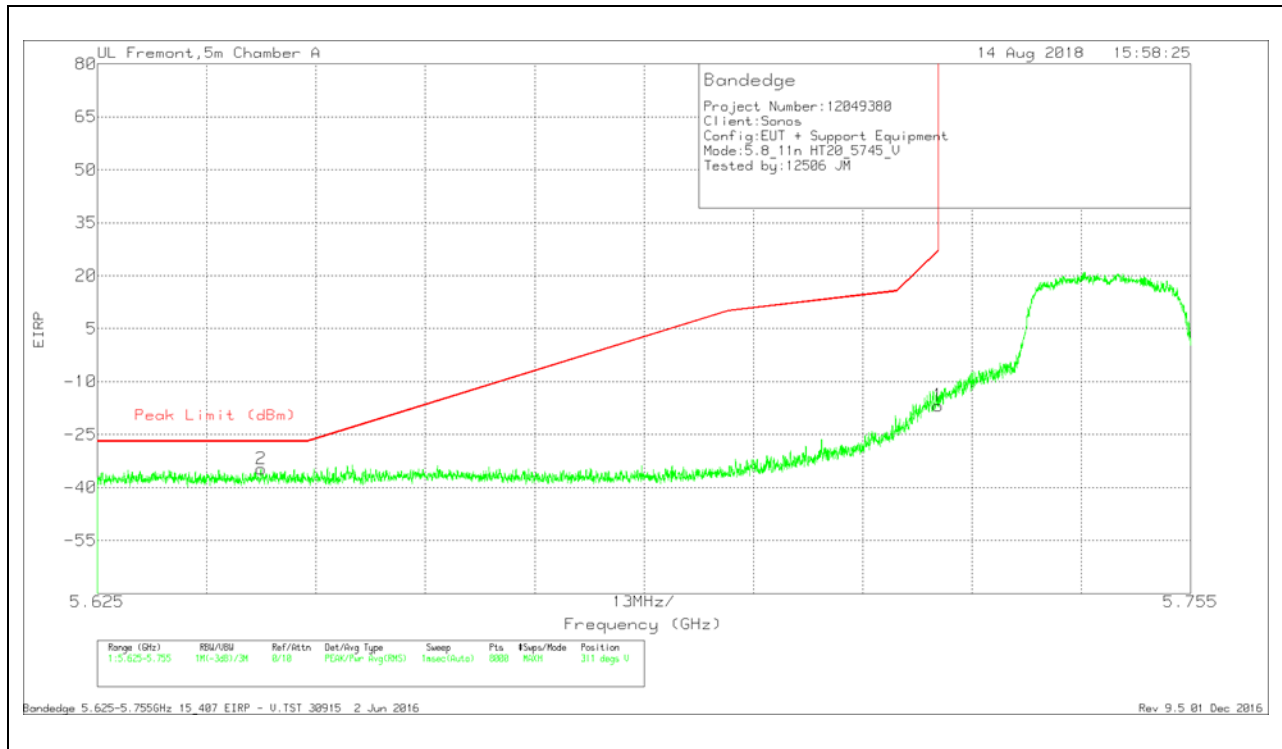


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647	-64.62	Pk	35.1	-18	11.8	-35.72	-27	-8.72	339	101	H
1	5.725	-48.23	Pk	35	-17.9	11.8	-19.33	27	-46.33	339	101	H

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

VERTICAL RESULT



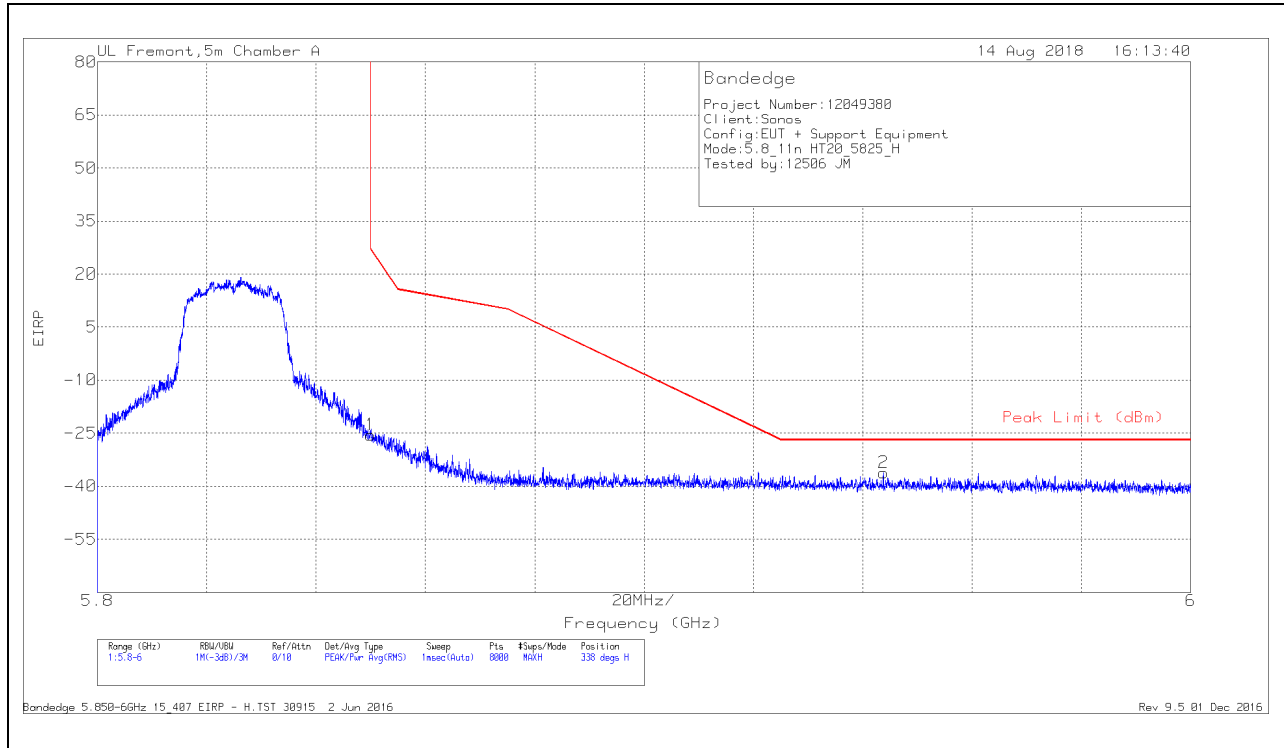
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/CbI/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644	-63.66	Pk	35.1	-18	11.8	-34.76	-27	-7.76	311	103	V
1	5.725	-45.66	Pk	35	-17.9	11.8	-16.76	27	-43.76	311	103	V

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

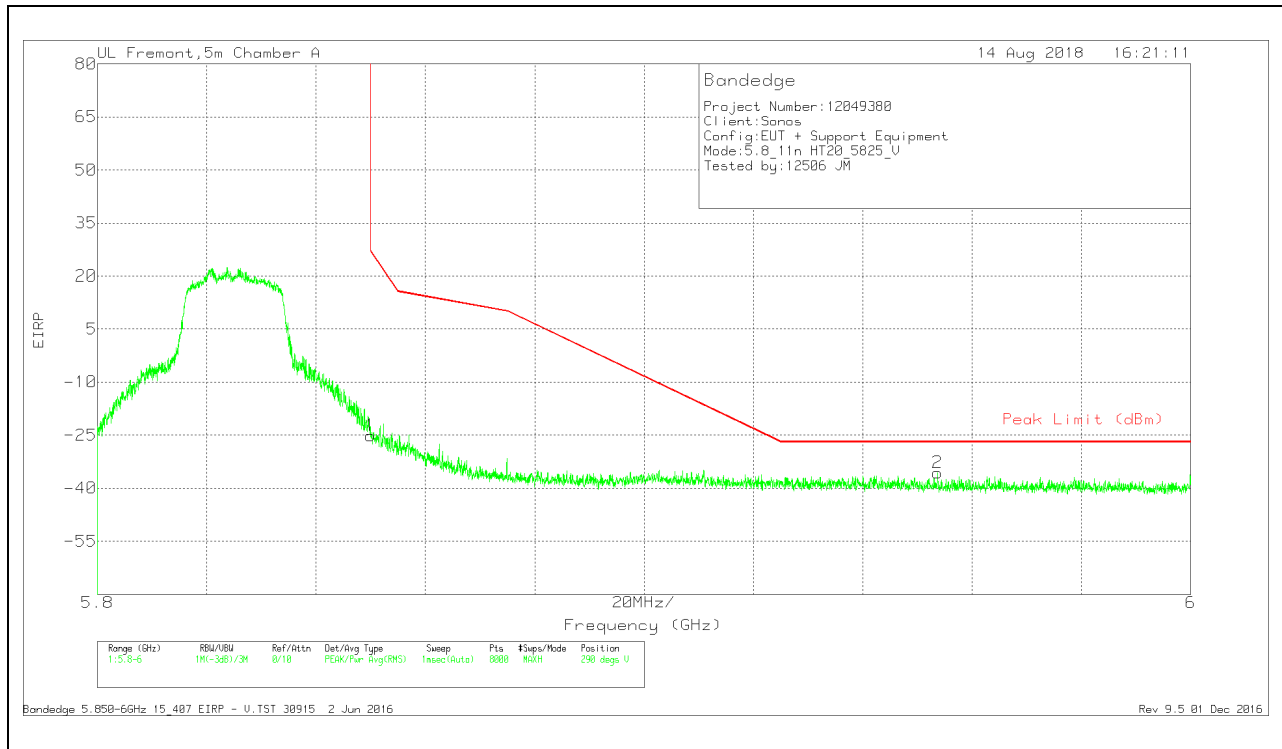


Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AFT862 (dB/m)	Amp/CbI/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.61	Pk	35.1	-17.8	11.8	-25.51	26.99	-52.5	338	113	H
2	5.944	-65.87	Pk	35.3	-17.5	11.8	-36.27	-27	-9.27	338	113	H

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

VERTICAL RESULT



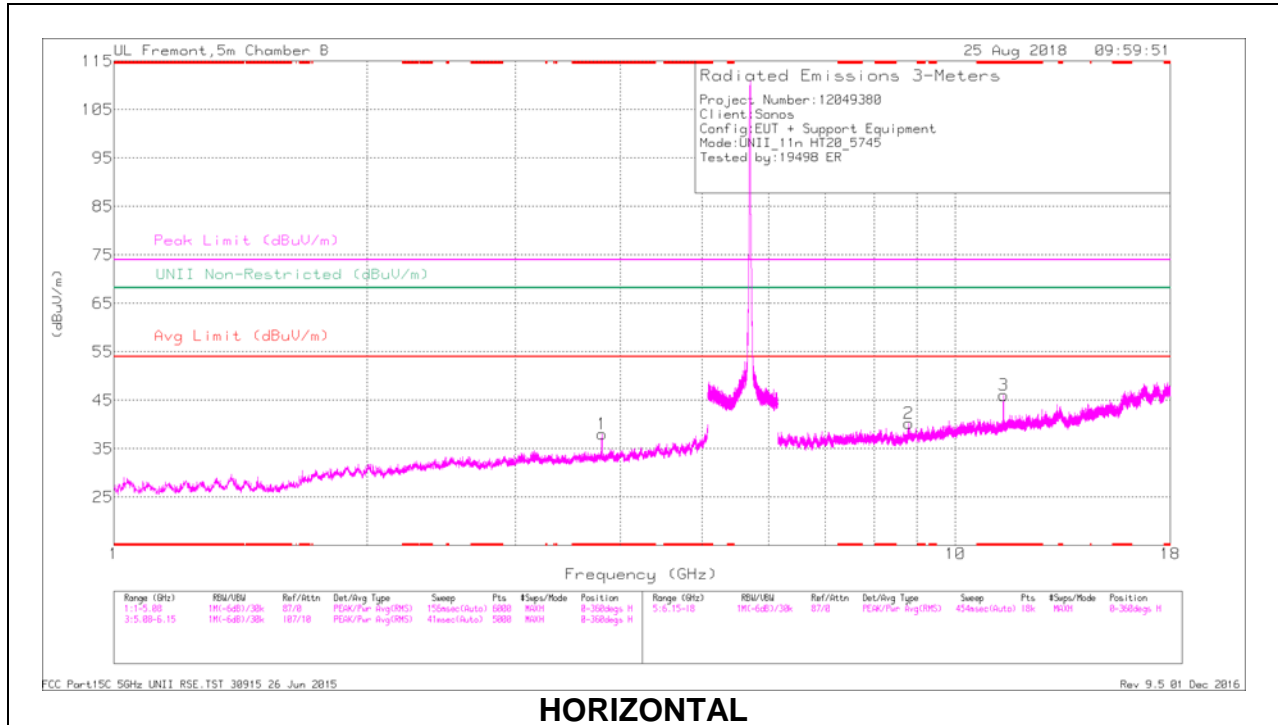
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T862 (dB/m)	Amp/CbI/Fitr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-54.29	Pk	35.1	-17.8	11.8	-25.19	26.99	-52.18	290	140	V
2	5.954	-65.23	Pk	35.3	-17.5	11.8	-35.63	-27	-8.63	290	140	V

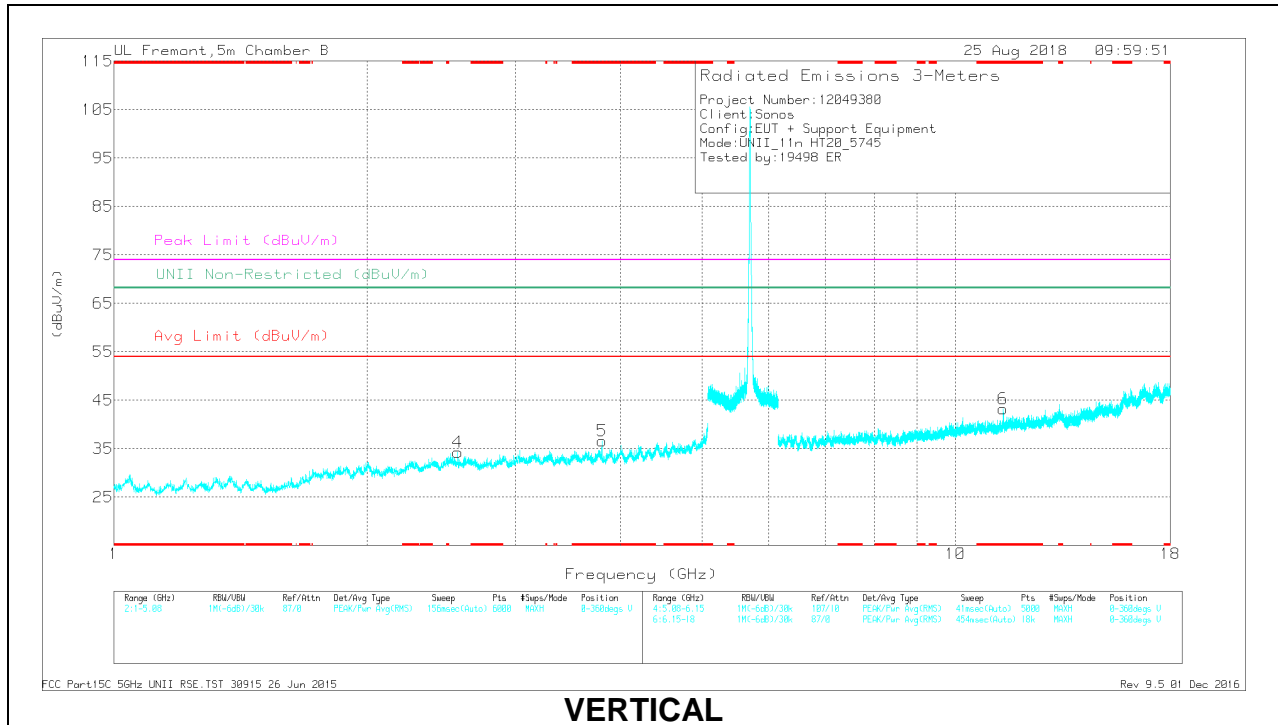
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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)	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	* 3.8	36.39	Pk	33.4	-31.7	0	38.09	-	-	74	-35.91	-	-	0-360	199	H
5	* 3.8	34.97	Pk	33.4	-31.7	0	36.67	-	-	74	-37.33	-	-	0-360	102	V
3	* 11.401	32.33	Pk	38.4	-24.7	0	46.03	-	-	74	-27.97	-	-	0-360	102	H
6	* 11.396	29.54	Pk	38.4	-24.7	0	43.24	-	-	74	-30.76	-	-	0-360	102	V
4	2.563	34.07	Pk	32.7	-32.5	0	34.27	-	-	-	-	68.2	-33.93	0-360	102	V
2	8.805	30.88	Pk	36.6	-27.2	0	40.28	-	-	-	-	68.2	-27.92	0-360	199	H

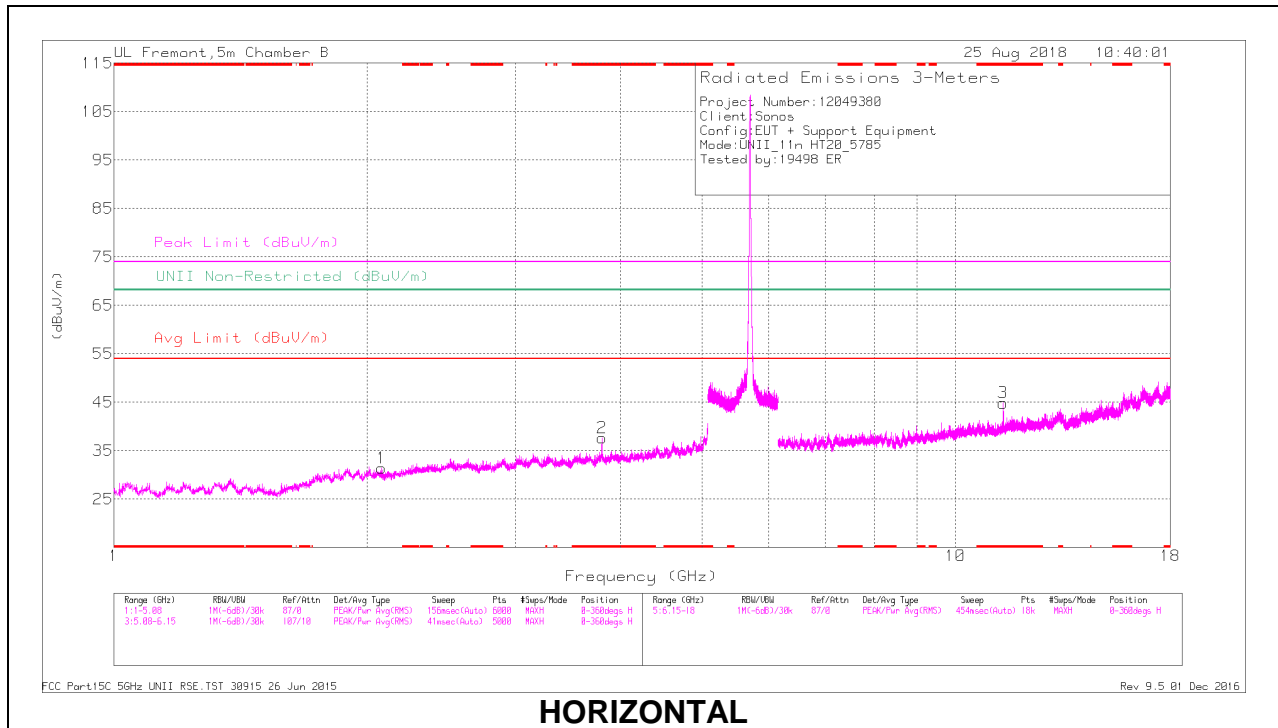
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

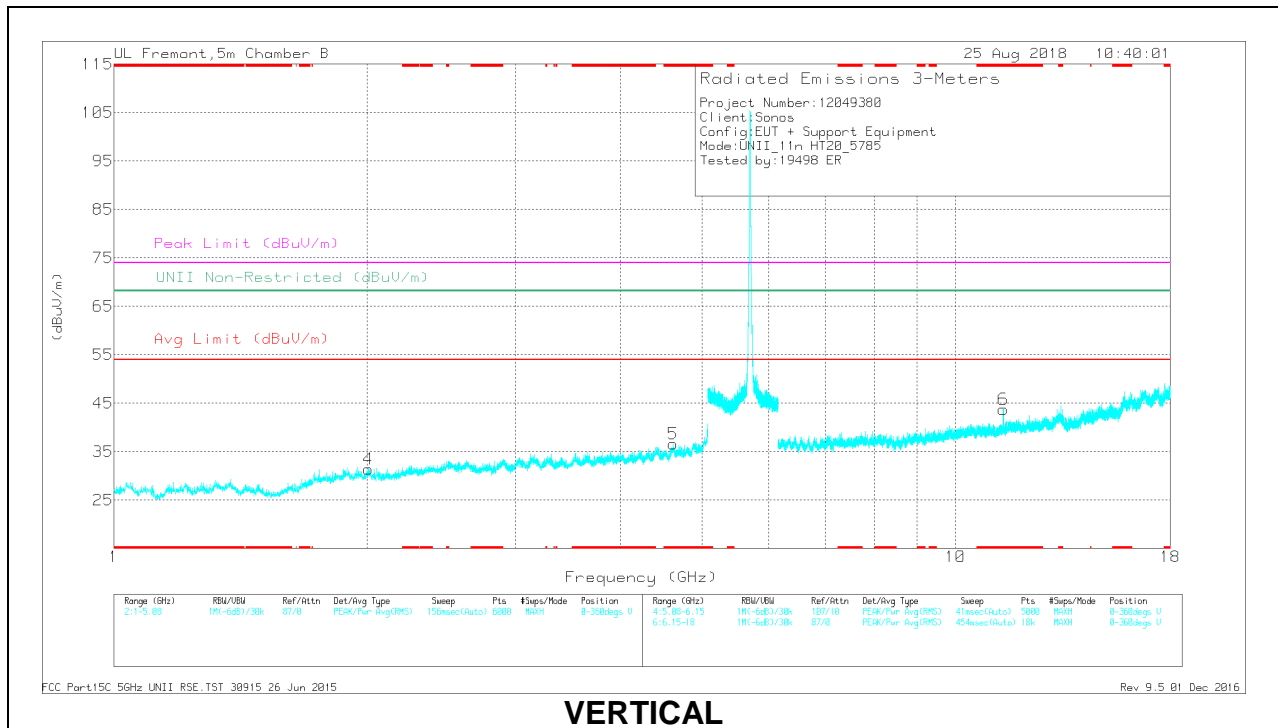
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	42.63	PK-U	33.4	-31.7	0	44.33	-	-	74	-29.67	-	-	92	257	H
* 3.8	35.49	ADR	33.4	-31.8	.46	37.55	54	-16.45	-	-	-	-	92	257	H
* 3.8	40.37	PK-U	33.4	-31.8	0	41.97	-	-	74	-32.03	-	-	160	103	V
* 3.8	31.42	ADR	33.4	-31.8	.46	33.48	54	-20.52	-	-	-	-	160	103	V
* 11.401	34.81	PK-U	38.4	-24.7	0	48.51	-	-	74	-25.49	-	-	223	136	H
* 11.401	22.63	ADR	38.4	-24.7	.46	36.79	54	-17.21	-	-	-	-	223	136	H
* 11.4	33.38	PK-U	38.4	-24.7	0	47.08	-	-	74	-26.92	-	-	260	231	V
* 11.396	21.73	ADR	38.4	-24.7	.46	35.89	54	-18.11	-	-	-	-	260	231	V
2.564	38.85	PK-U	32.7	-32.5	0	39.05	-	-	-	-	68.2	-29.15	332	172	V
8.807	35.71	PK-U	36.6	-27.2	0	45.11	-	-	-	-	68.2	-23.09	181	217	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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cab/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
2	* 3.8	35.92	Pk	33.4	-31.7	0	37.62	-	-	74	-36.38	-	-	0-360	199	H
5	* 4.621	32.17	Pk	34.1	-29.7	0	36.57	-	-	74	-37.43	-	-	0-360	102	V
3	* 11.399	31.16	Pk	38.4	-24.7	0	44.86	-	-	74	-29.14	-	-	0-360	102	H
6	* 11.4	30.09	Pk	38.4	-24.7	0	43.79	-	-	74	-30.21	-	-	0-360	102	V
4	2.005	33.02	Pk	30.9	-32.5	0	31.42	-	-	-	-	68.2	-36.78	0-360	102	V
1	2.081	34.06	Pk	31.1	-33.8	0	31.36	-	-	-	-	68.2	-36.84	0-360	199	H

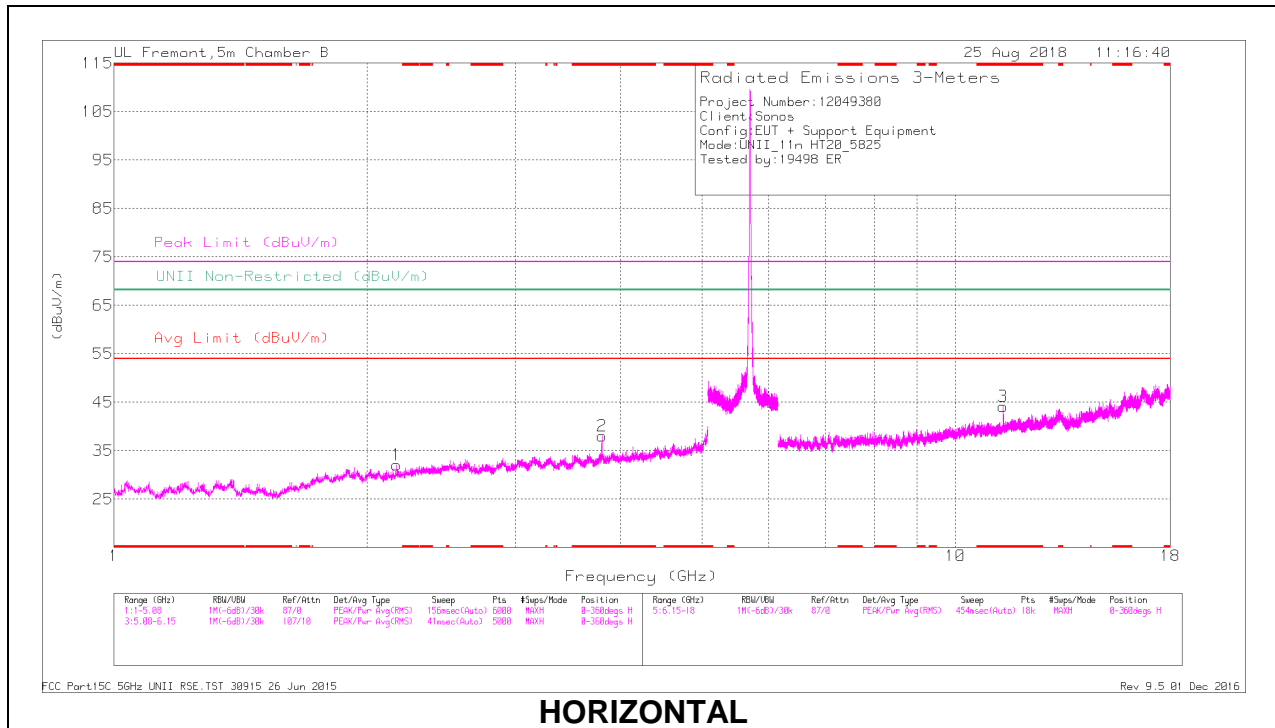
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

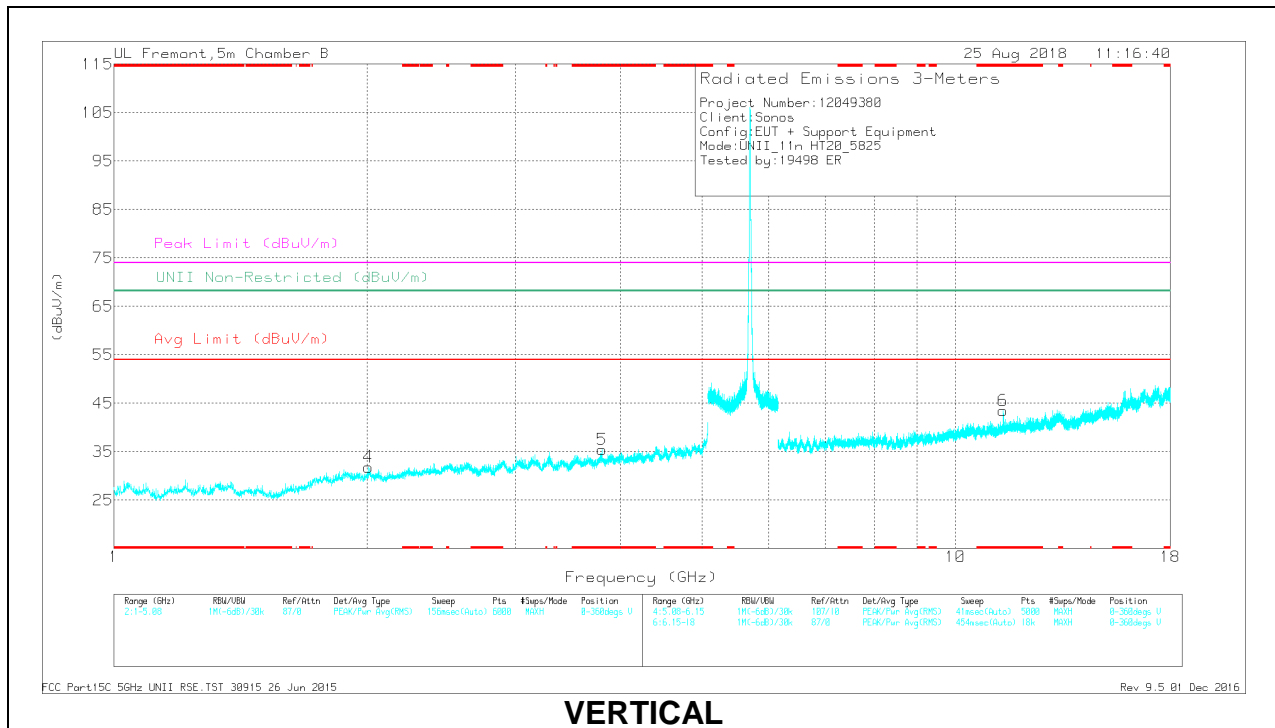
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cab/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	42.49	PK-U	33.4	-31.7	0	44.19	-	-	74	-29.81	-	-	93	255	H
* 3.8	36.18	ADR	33.4	-31.8	.46	37.24	54	-16.76	-	-	-	-	93	255	H
* 4.622	37.94	PK-U	34.1	-29.7	0	42.34	-	-	74	-31.66	-	-	211	172	V
* 4.62	26.71	ADR	34.1	-29.7	.46	31.57	54	-22.43	-	-	-	-	211	172	V
* 11.398	38.3	PK-U	38.4	-24.7	0	52	-	-	74	-22	-	-	59	125	H
* 11.399	26.97	ADR	38.4	-24.7	.46	41.13	54	-12.87	-	-	-	-	59	125	H
* 11.398	35.12	PK-U	38.4	-24.7	0	48.82	-	-	74	-25.18	-	-	13	172	V
* 11.399	22.05	ADR	38.4	-24.7	.46	36.21	54	-17.79	-	-	-	-	13	172	V
2.005	40.1	PK-U	30.9	-32.5	0	38.5	-	-	-	-	68.2	-29.7	152	159	V
2.08	40.03	PK-U	31.1	-33.8	0	37.33	-	-	-	-	68.2	-30.87	277	224	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

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cabl/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
2	* 3.883	36.4	Pk	33.1	-28.5	0	41	-	-	74	-33	-	-	0-360	101	V
3	* 11.647	33.29	Pk	38.5	-18.6	0	53.19	-	-	74	-20.81	-	-	0-360	101	H
4	* 11.649	29.81	Pk	38.5	-18.6	0	49.71	-	-	74	-24.29	-	-	0-360	200	V
1	1.879	36.57	Pk	31	-31.5	0	36.07	-	-	-	-	68.2	-32.13	0-360	199	H
5	13.63	27.59	Pk	39.3	-18	0	48.89	-	-	-	-	68.2	-19.31	0-360	101	H
6	13.641	27.93	Pk	39.3	-17.9	0	49.33	-	-	-	-	68.2	-18.87	0-360	101	V

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

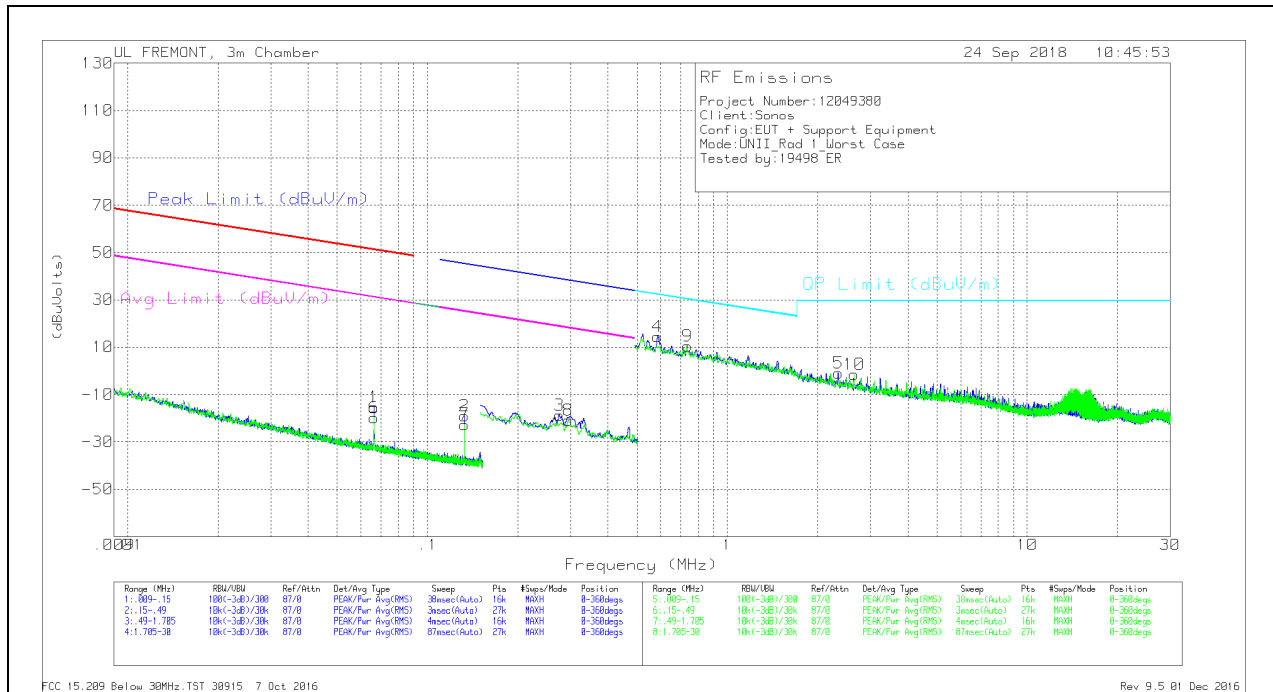
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Amp/Cabl/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
* 3.883	41.51	PK-U	33.1	-28.5	0	46.11	-	-	74	-27.89	-	-	312	108	V
* 3.883	36.77	ADR	33.1	-28.5	.46	40.83	54	-13.17	-	-	-	-	312	108	V
* 11.648	40.15	PK-U	38.5	-18.6	0	60.05	-	-	74	-13.95	-	-	5	146	H
* 11.649	28.29	ADR	38.5	-18.6	.46	48.65	54	-5.35	-	-	-	-	5	146	H
* 11.65	37.19	PK-U	38.5	-18.6	0	57.09	-	-	74	-16.91	-	-	341	123	V
* 11.65	24.37	ADR	38.5	-18.6	.46	44.73	54	-9.27	-	-	-	-	341	123	V
1.88	39.21	PK-U	31	-31.4	0	38.81	-	-	-	-	68.2	-29.39	90	145	H
13.628	32.62	PK-U	39.3	-18	0	53.92	-	-	-	-	68.2	-14.28	254	155	H
13.639	32.9	PK-U	39.3	-17.9	0	54.3	-	-	-	-	68.2	-13.9	352	150	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

9.2.1 RADIO 0



NOTE: KDB 414788 OATS and Chamber Correlation Justification

- Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.
- OATs and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Trace Markers

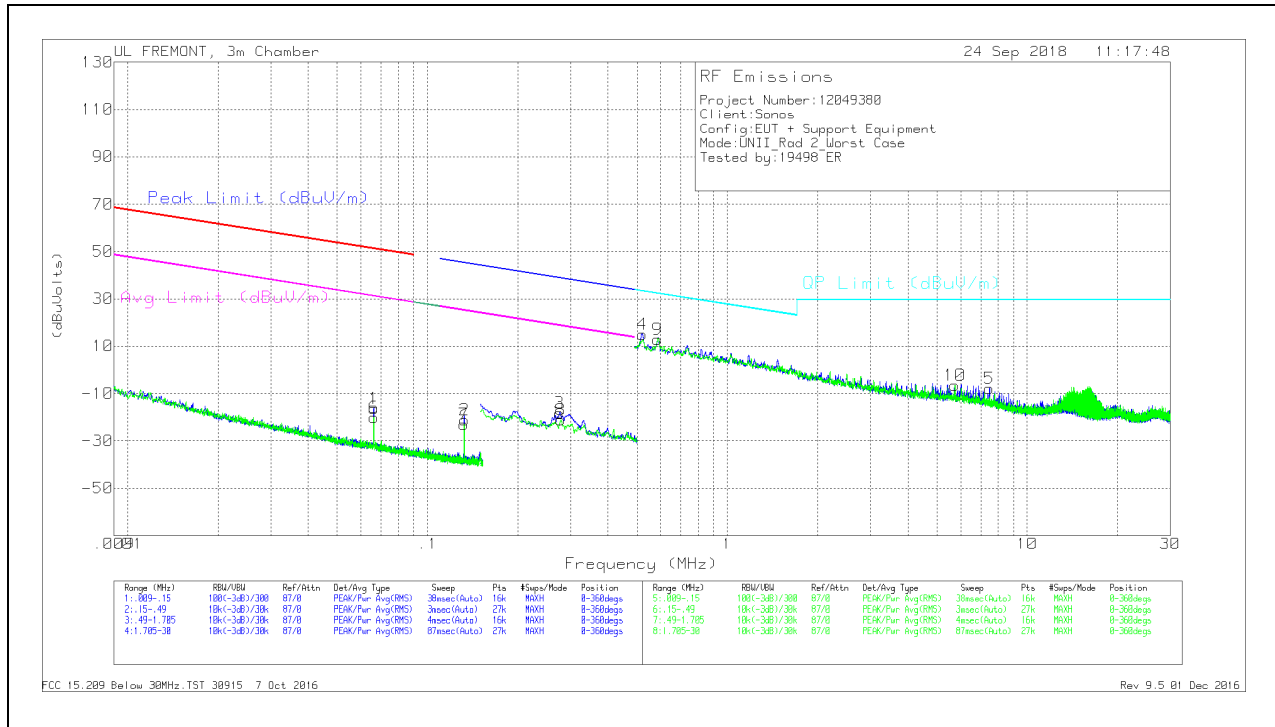
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
6	.06627	46.77	Pk	12	1.4	-80	-19.83	51.16	-70.99	31.16	-50.99	0-360
1	.06632	51.37	Pk	12	1.4	-80	-15.23	51.15	-66.38	31.15	-46.38	0-360
7	.13273	44.19	Pk	11.8	1.4	-80	-22.61	45.17	-67.78	25.17	-47.78	0-360
2	.13282	47.67	Pk	11.8	1.4	-80	-19.13	45.16	-64.29	25.16	-44.29	0-360
3	.27527	48	Pk	11.7	1.5	-80	-18.8	38.82	-57.62	18.82	-37.62	0-360
8	.295	45.85	Pk	11.7	1.5	-80	-20.95	38.22	-59.17	18.22	-39.17	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	.58485	41.24	Pk	11.7	1.5	-40	14.44	32.27	-17.83	0-360
9	.73518	37.28	Pk	11.8	1.5	-40	10.58	30.29	-19.71	0-360
5	2.34114	25.67	Pk	11.9	1.5	-40	-.93	29.5	-30.43	0-360
10	2.64663	25.18	Pk	11.8	1.5	-40	-1.52	29.5	-31.02	0-360

Pk - Peak detector

9.2.2 RADIO 1



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 300m	Corrected Reading (dBUVolts)	Peak Limit (dBUV/m)	Margin (dB)	Avg Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)
6	.06616	46.62	Pk	12	1.4	-80	-19.98	51.17	-71.15	31.17	-51.15	0-360
1	.06621	50.15	Pk	12	1.4	-80	-16.45	51.17	-67.62	31.17	-47.62	0-360
7	.13252	43.86	Pk	11.8	1.4	-80	-22.94	45.18	-68.12	25.18	-48.12	0-360
2	.1326	45.62	Pk	11.8	1.4	-80	-21.18	45.17	-66.35	25.17	-46.35	0-360
3	.27559	48.66	Pk	11.7	1.5	-80	-18.14	38.81	-56.95	18.81	-36.95	0-360
8	.27807	45.56	Pk	11.7	1.5	-80	-21.24	38.73	-59.97	18.73	-39.97	0-360

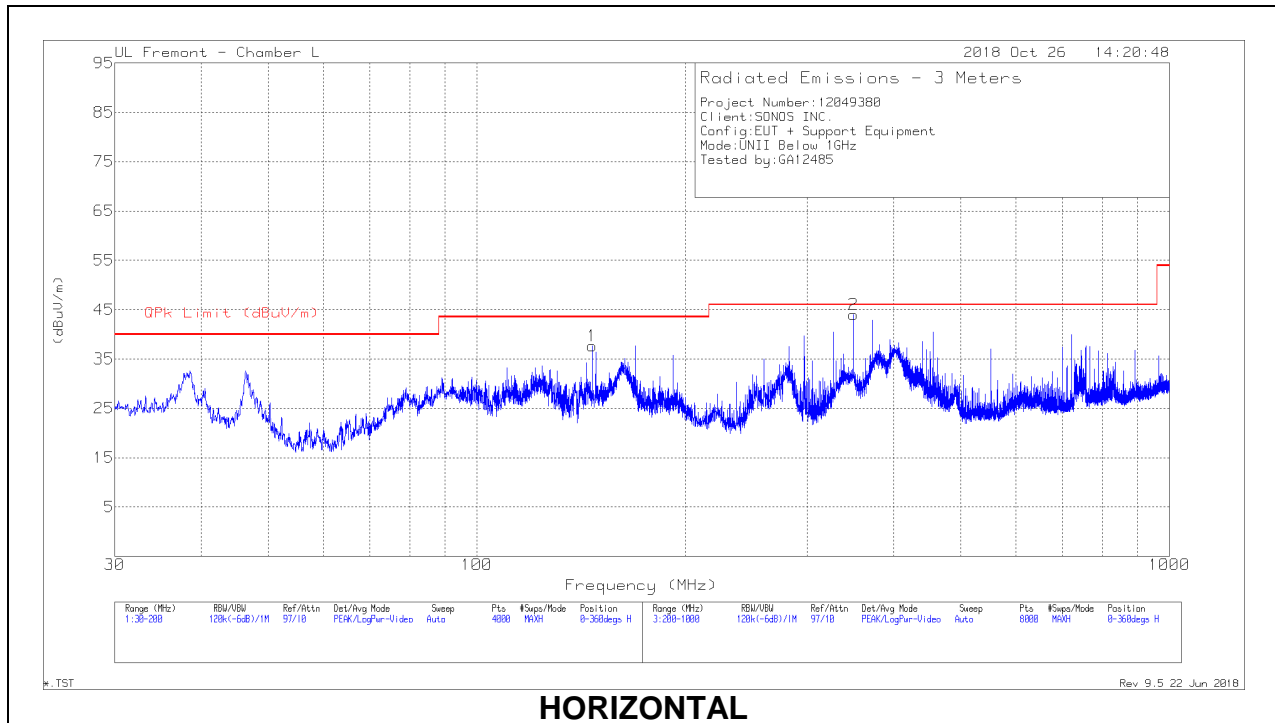
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	Loop Antenna (dB/m)	Cbl (dB)	Dist Corr 30m	Corrected Reading (dBUVolts)	QP Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)
4	.52017	41.75	Pk	11.7	1.5	-40	14.95	33.28	-18.33	0-360
9	.58485	39.64	Pk	11.7	1.5	-40	12.84	32.27	-19.43	0-360
10	5.74032	20.67	Pk	11.4	1.5	-40	-6.43	29.5	-35.93	0-360
5	7.47005	19.4	Pk	11.3	1.5	-40	-7.8	29.5	-37.3	0-360

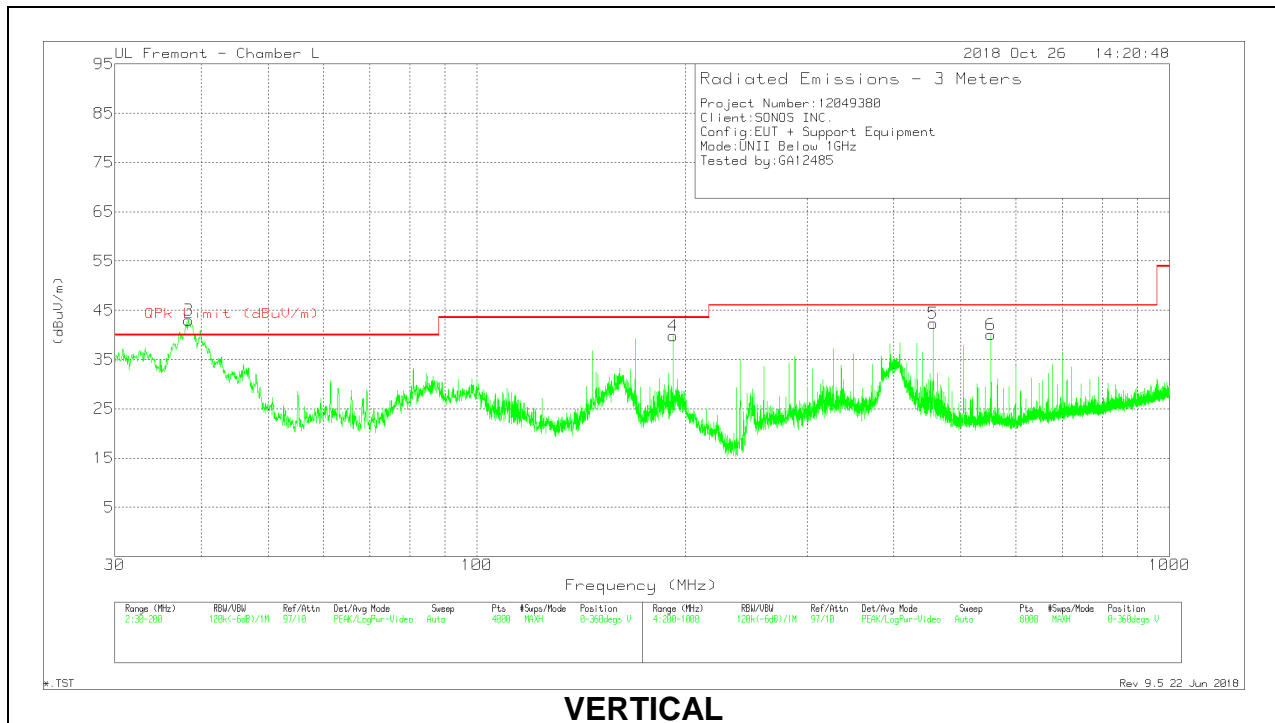
Pk - Peak detector

9.3. Worst Case Below 1 GHz

9.3.1 RADIO 0



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	146.7352	49.71	Pk	18.5	-30.6	37.61	43.52	-5.91	0-360	199	H
3	38.3322	53.72	Pk	20.8	-31.5	43.02	40	3.02	0-360	100	V
4	191.9669	52.78	Pk	17.5	-30.5	39.78	43.52	-3.74	0-360	100	V
2	349.9195	53.76	Pk	20.1	-29.8	44.06	46.02	-1.96	0-360	100	H
5	455.9333	49.05	Pk	22.8	-29.5	42.35	46.02	-3.67	0-360	100	V
6	551.9457	45.24	Pk	24.1	-29.3	40.04	46.02	-5.98	0-360	199	V

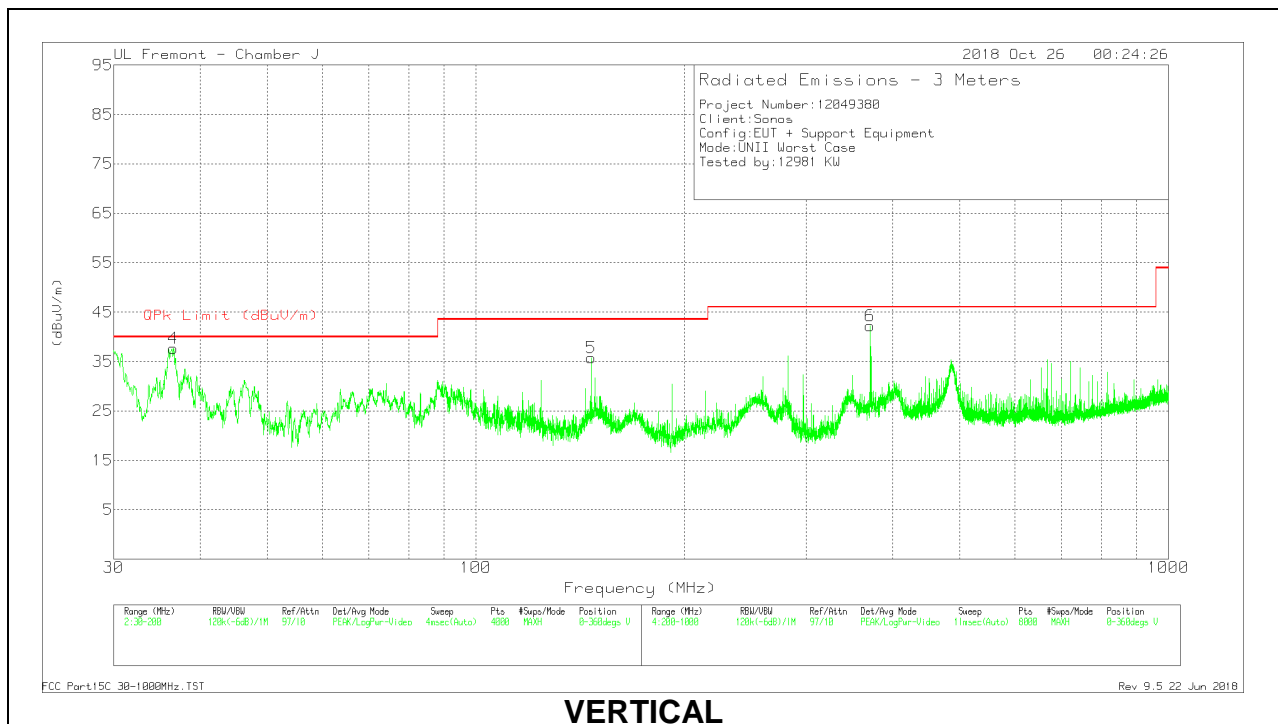
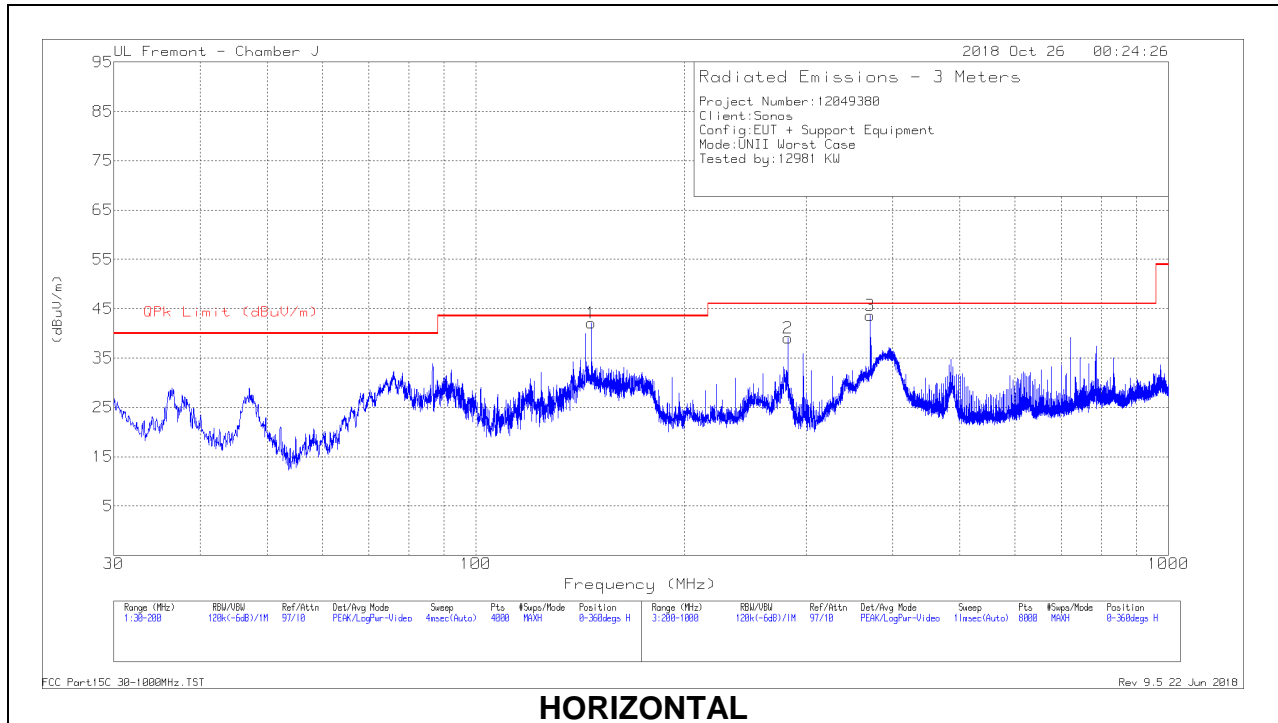
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181574 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
146.7651	46.57	Qp	18.5	-30.6	34.47	43.52	-9.05	220	199	H
191.9233	52.06	Qp	17.5	-30.5	39.06	43.52	-4.46	147	105	V
38.4895	45.96	Qp	20.7	-31.5	35.16	40	-4.84	25	125	V
349.9723	51.85	Qp	20.1	-29.8	42.15	46.02	-3.87	154	101	H
456.0091	49	Qp	22.8	-29.5	42.3	46.02	-3.72	165	102	V
552.0124	46.71	Qp	24.1	-29.3	41.51	46.02	-4.51	166	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Qp - Quasi-Peak detector

9.3.2 RADIO 1



RADIATED EMISSIONS

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181575 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	146.7777	54.35	Pk	18.4	-30.6	42.15	43.52	-1.37	0-360	198	H
4	36.5892	47.31	Pk	21.9	-31.5	37.71	40	-2.29	0-360	101	V
5	146.7777	47.92	Pk	18.4	-30.6	35.72	43.52	-7.8	0-360	101	V
2	* 282.2107	49.82	Pk	19.2	-30	39.02	46.02	-7	0-360	101	H
3	371.2223	52.65	Pk	20.8	-29.8	43.65	46.02	-2.37	0-360	199	H
6	371.2223	51.28	Pk	20.8	-29.8	42.28	46.02	-3.74	0-360	101	V

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

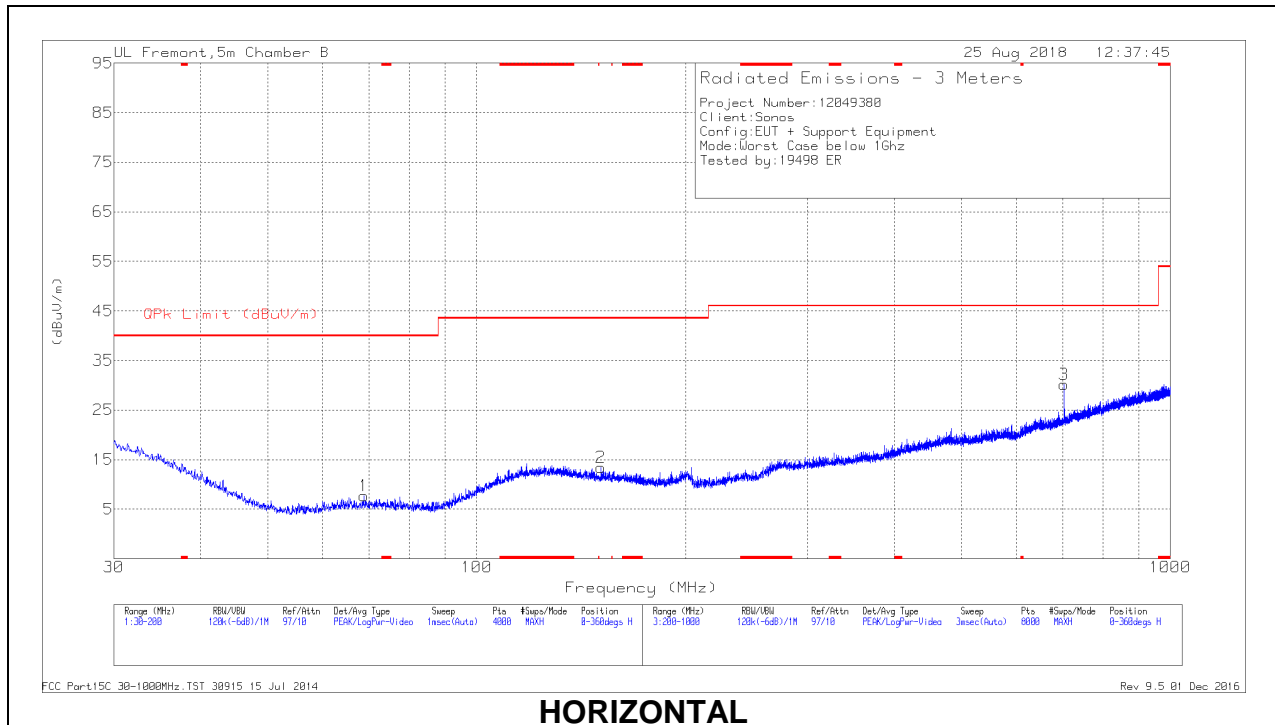
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181575 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
146.759	53.89	Qp	18.4	-30.6	41.69	43.52	-1.83	226	166	H
36.4525	43.3	Qp	22	-31.5	33.8	40	-6.2	259	102	V
146.7638	42.04	Qp	18.4	-30.6	29.84	43.52	-13.68	21	104	V
* 282.2371	47.63	Qp	19.2	-30	36.83	46.02	-9.19	197	105	H
371.2554	50.96	Qp	20.8	-29.8	41.96	46.02	-4.06	211	244	H
371.2607	48.49	Qp	20.8	-29.8	39.49	46.02	-6.53	204	109	V

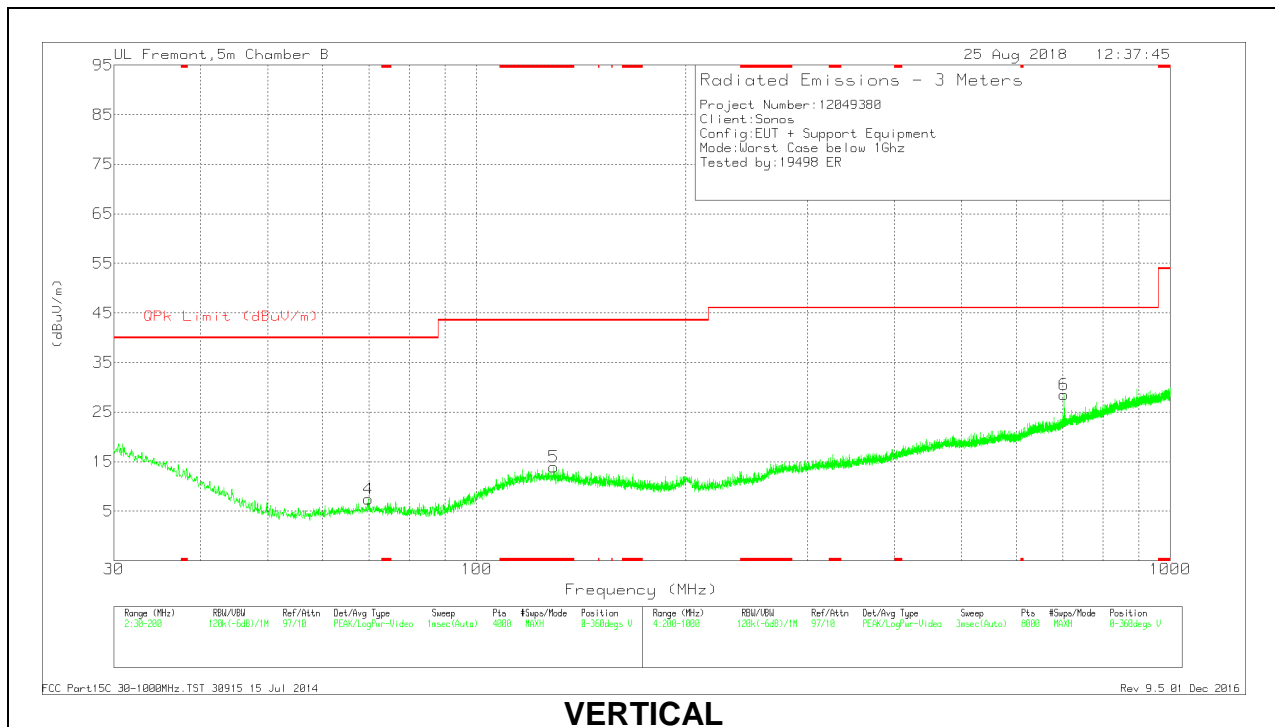
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Qp - Quasi-Peak detector

9.3. Worst Case 18-26

9.3.1 RADIO 0



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

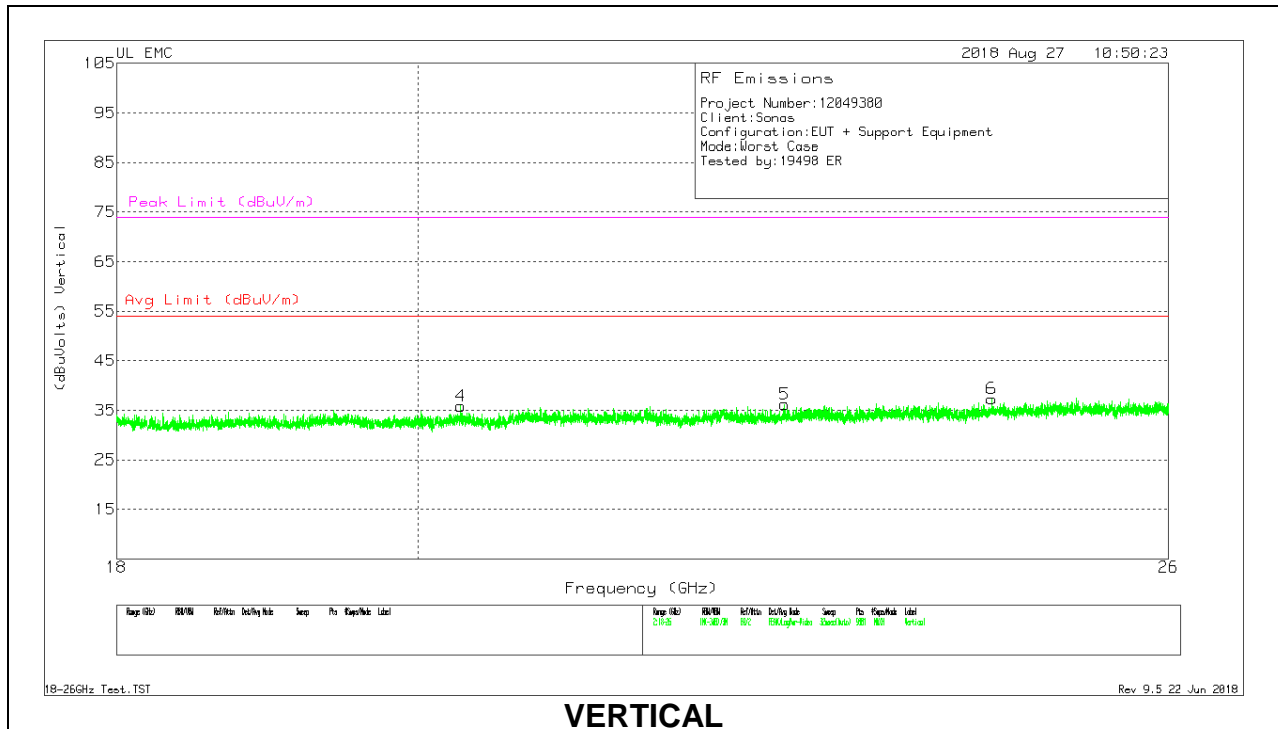
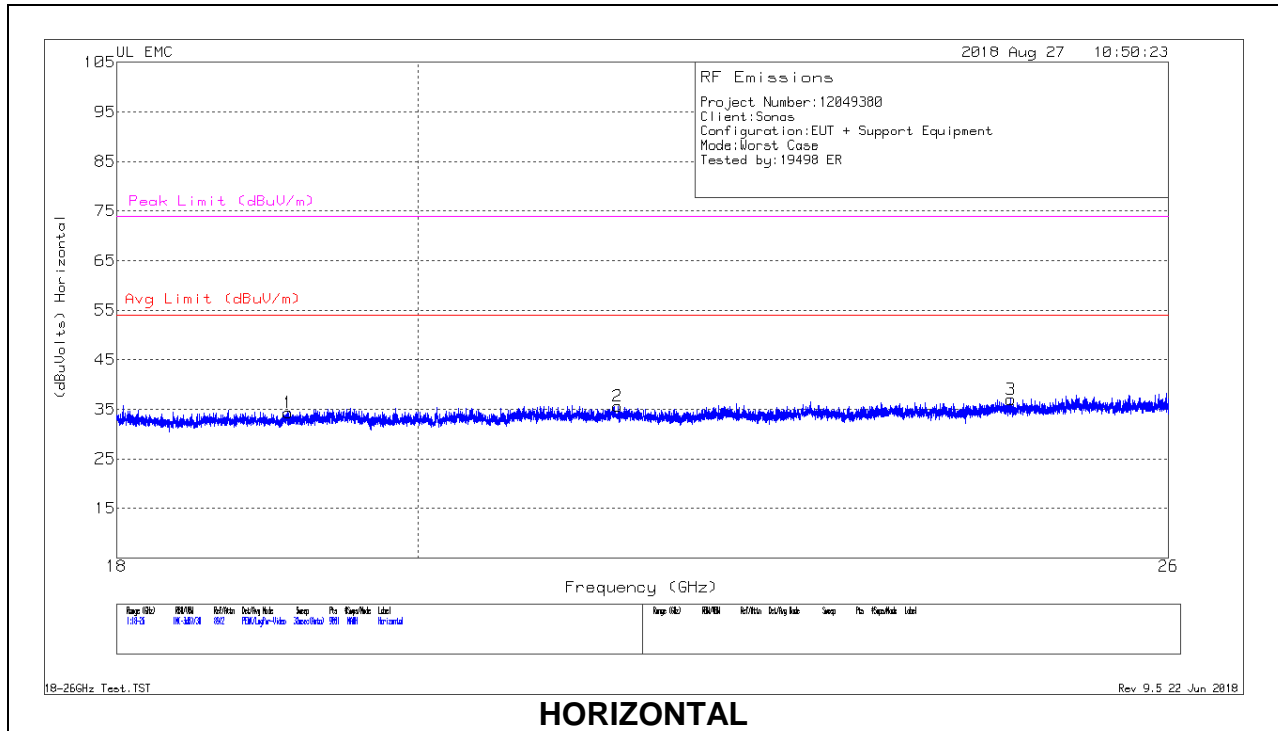
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF T407 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	* 129.1782	23.71	Pk	17.8	-27.6	13.91	43.52	-29.61	0-360	100	V
1	68.77	23.86	Pk	12.2	-28.3	7.76	40	-32.24	0-360	100	H
4	69.7903	23.53	Pk	12.2	-28.3	7.43	40	-32.57	0-360	100	V
2	150.9863	24.35	Pk	16.4	-27.3	13.45	43.52	-30.07	0-360	100	H
3	703.1654	30.84	Pk	24.3	-25	30.14	46.02	-15.88	0-360	400	H
6	703.3654	29.19	Pk	24.3	-25	28.49	46.02	-17.53	0-360	300	V

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

Pk - Peak detector

9.3.2 RADIO 1



RADIATED EMISSIONS

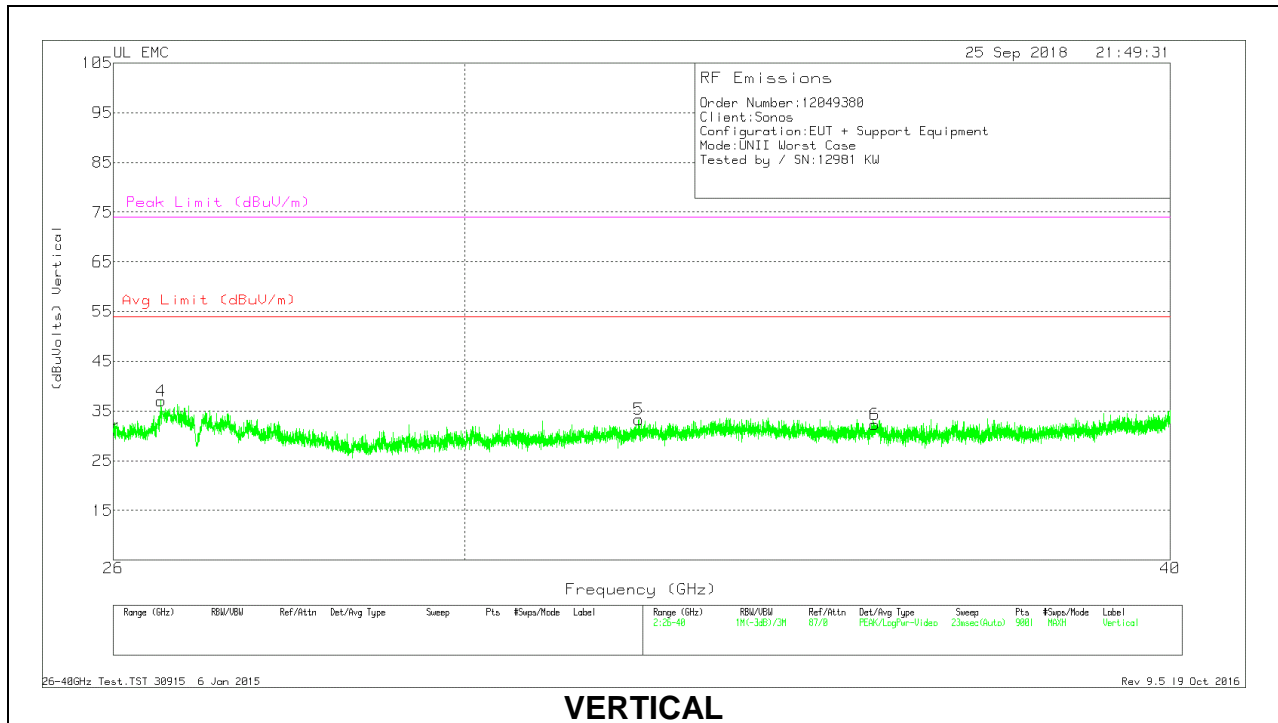
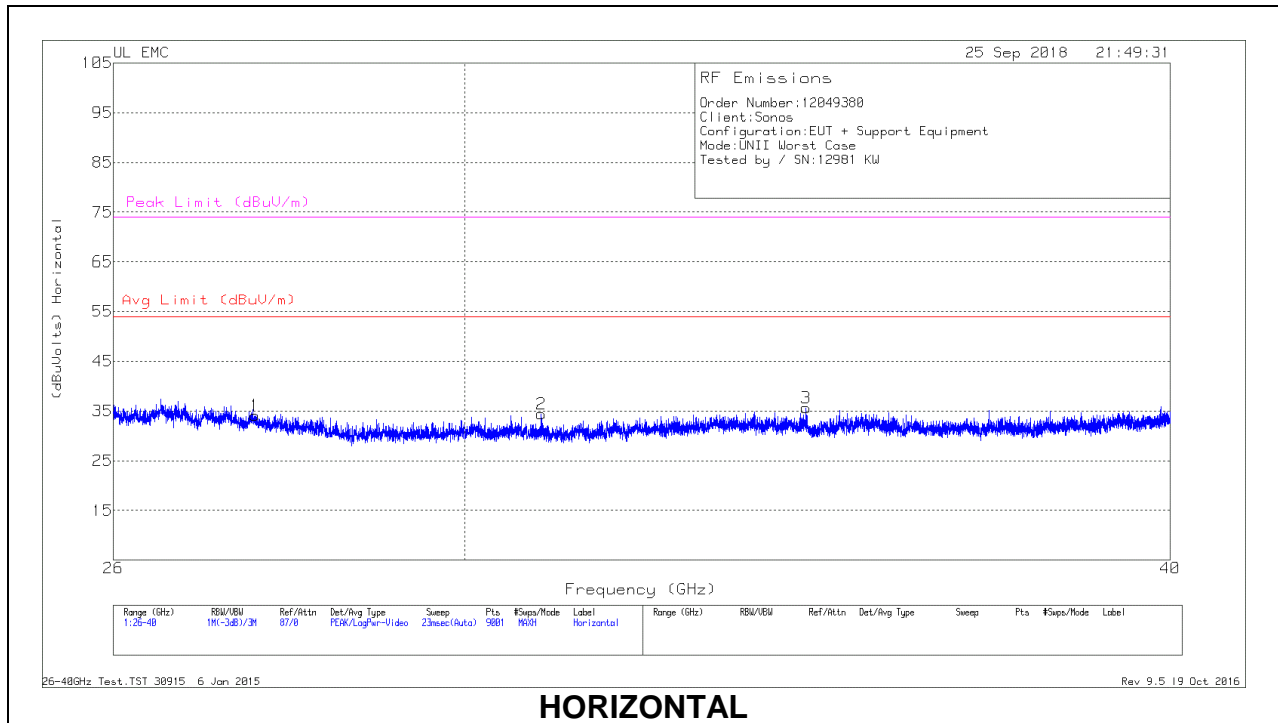
Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T448 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	19.114	68.47	Pk	32.5	-57.2	-9.5	34.27	54	-19.73	74	-39.73
2	21.448	68.79	Pk	33.2	-56.9	-9.5	35.59	54	-18.41	74	-38.41
3	24.604	68	Pk	34.3	-55.8	-9.5	37	54	-17	74	-37
4	20.302	69.64	Pk	32.9	-57.2	-9.5	35.84	54	-18.16	74	-38.16
5	22.734	69.6	Pk	33.5	-57.4	-9.5	36.2	54	-17.8	74	-37.8
6	24.441	68.69	Pk	34	-55.9	-9.5	37.29	54	-16.71	74	-36.71

Pk - Peak detector

9.4 Worst Case 26-40 GHz

9.4.1 RADIO 0



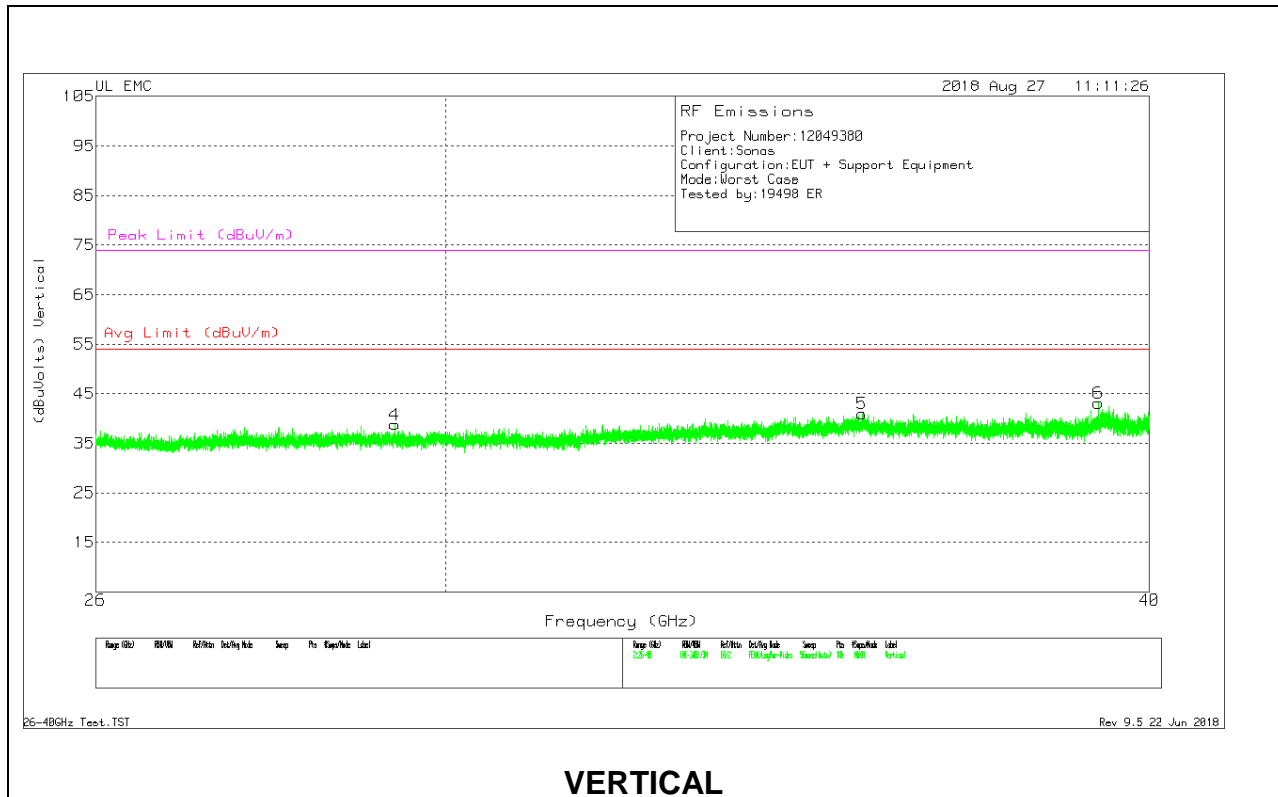
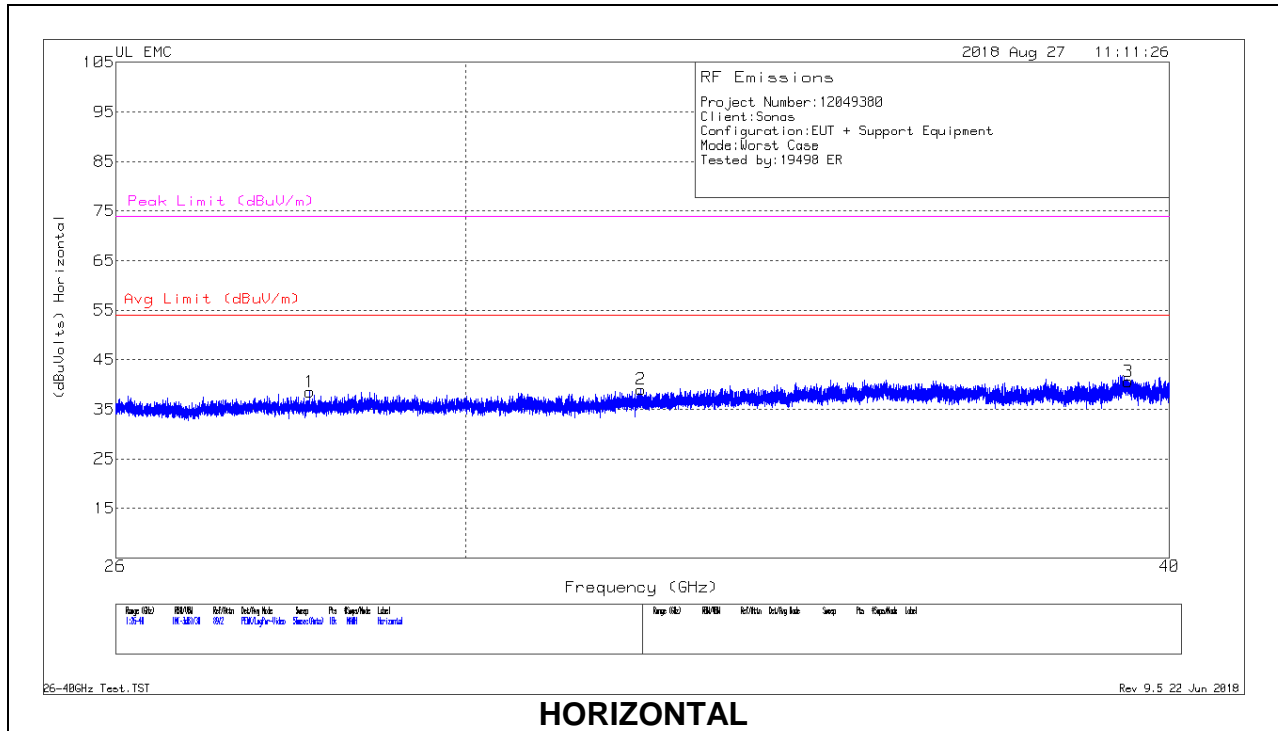
RADIATED EMISSIONS

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T90 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	27.543	39.31	Pk	35.7	-31.4	-9.5	34.11	54	-19.89	74	-39.89
2	30.953	40.7	Pk	35.9	-32.7	-9.5	34.4	54	-19.6	74	-39.6
3	34.481	40.82	Pk	37.4	-33.1	-9.5	35.62	54	-18.38	74	-38.38
4	26.509	41.72	Pk	35.5	-30.7	-9.5	37.02	54	-16.98	74	-36.98
5	32.21	39.3	Pk	36.4	-32.9	-9.5	33.3	54	-20.7	74	-40.7
6	35.459	37.4	Pk	37.9	-33.5	-9.5	32.3	54	-21.7	74	-41.7

Pk - Peak detector

9.4.2 RADIO 1



RADIATED EMISSIONS

Trace Markers

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T90 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	28.146	67.57	Pk	35.8	-55.3	-9.5	38.57	54	-15.43	74	-35.43
2	32.227	66.9	Pk	36.4	-54.8	-9.5	39	54	-15	74	-35
3	39.331	67.1	Pk	38.2	-55.2	-9.5	40.6	54	-13.4	74	-33.4
4	29.383	65.88	Pk	35.9	-53.5	-9.5	38.78	54	-15.22	74	-35.22
5	35.565	68.64	Pk	37.7	-55.9	-9.5	40.94	54	-13.06	74	-33.06
6	39.171	68.01	Pk	38.2	-53.6	-9.5	43.11	54	-10.89	74	-30.89

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.

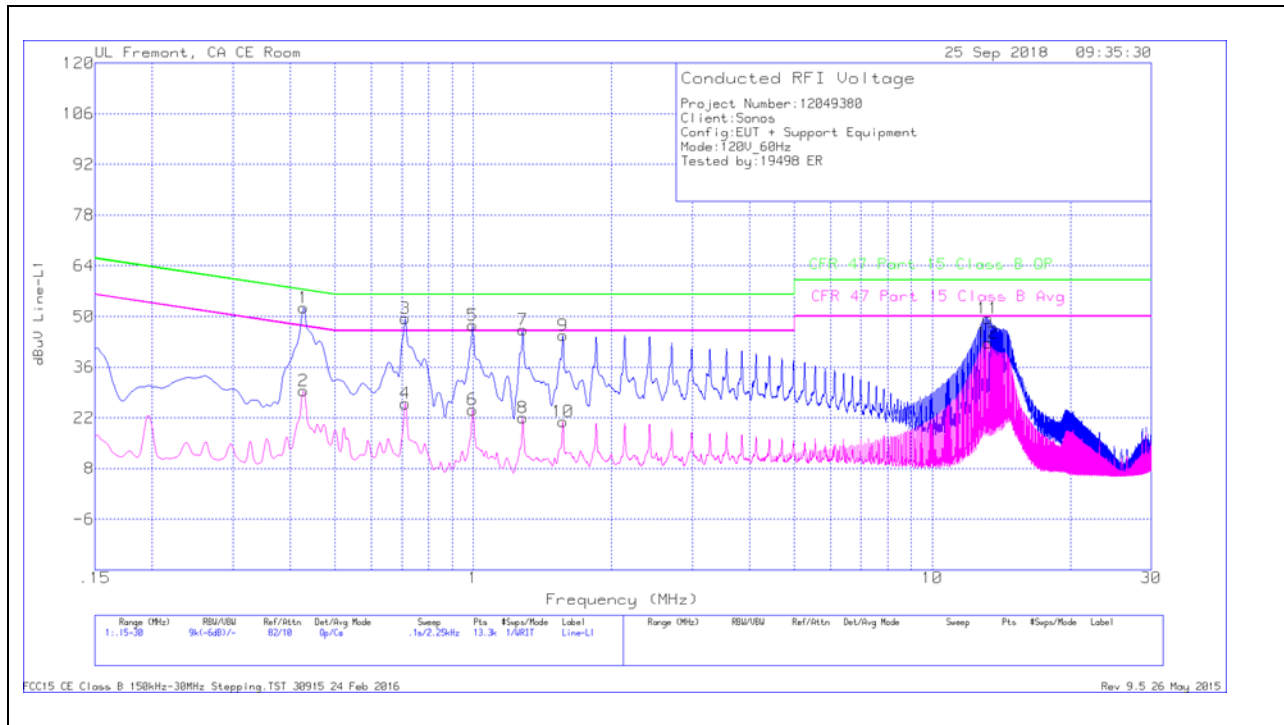
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1. RADIO 0

LINE 1 RESULTS

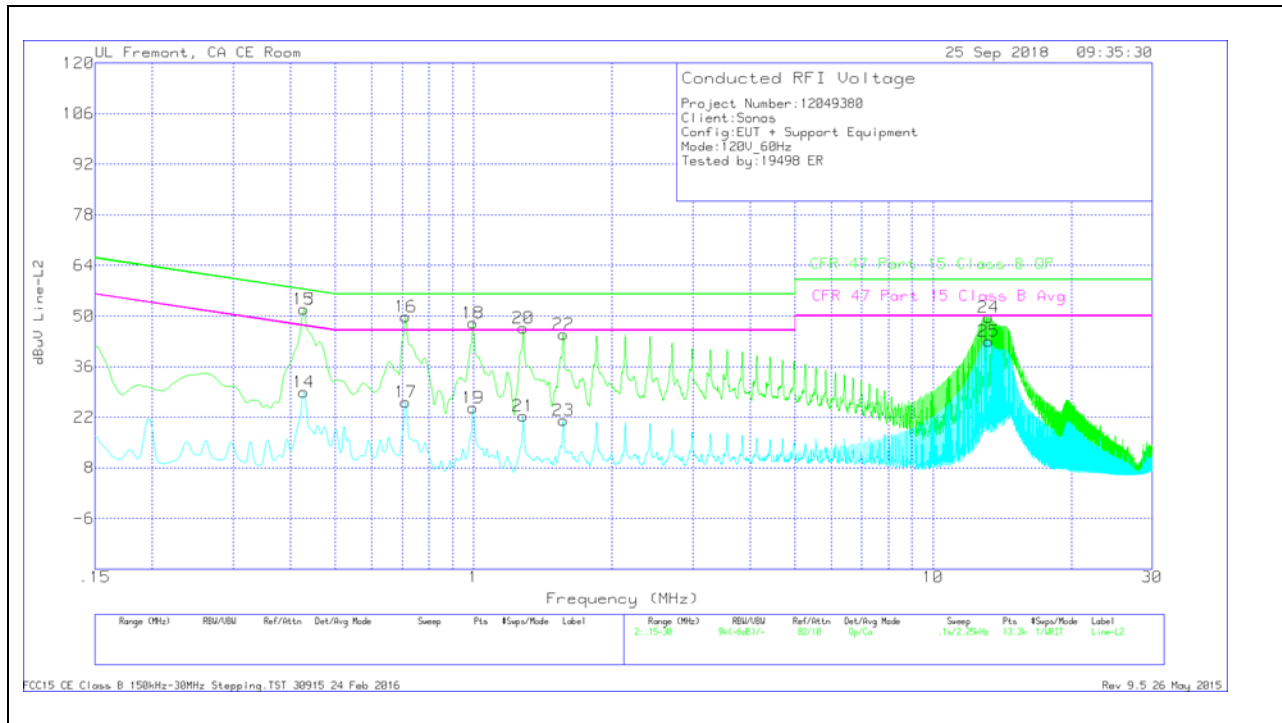


Trace Markers

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	.42675	42.36	Qp	0	0	10.1	52.46	57.32	-4.86	-	-
2	.42675	19.34	Ca	0	0	10.1	29.44	-	-	47.32	-17.88
3	.7125	39.43	Qp	0	0	10.1	49.53	56	-6.47	-	-
4	.7125	15.83	Ca	0	0	10.1	25.93	-	-	46	-20.07
5	.99825	37.37	Qp	0	.1	10.1	47.57	56	-8.43	-	-
6	.99825	13.99	Ca	0	.1	10.1	24.19	-	-	46	-21.81
7	1.28175	36.08	Qp	0	.1	10.1	46.28	56	-9.72	-	-
8	1.28175	11.76	Ca	0	.1	10.1	21.96	-	-	46	-24.04
9	1.5675	34.56	Qp	0	.1	10.1	44.76	56	-11.24	-	-
10	1.5675	10.75	Ca	0	.1	10.1	20.95	-	-	46	-25.05
11	13.20225	38.92	Qp	.1	.2	10.2	49.42	60	-10.58	-	-
12	13.20225	32.22	Ca	.1	.2	10.2	42.72	-	-	50	-7.28

Qp - Quasi-Peak detector
 Ca - CISPR average detection

LINE 2 RESULTS



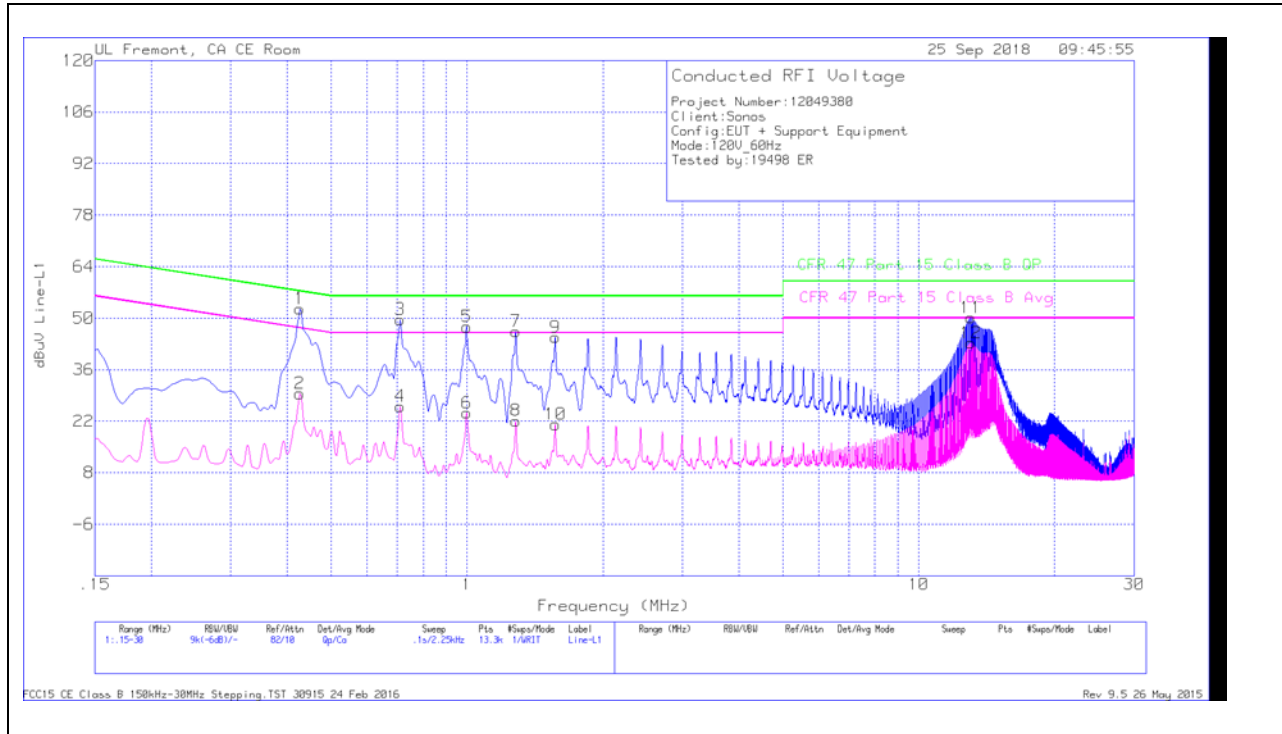
Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	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	.42675	41.84	Qp	0	0	10.1	51.94	57.32	-5.38	-	-
14	.42675	18.8	Ca	0	0	10.1	28.9	-	-	47.32	-18.42
15	.42675	41.84	Qp	0	0	10.1	51.94	57.32	-5.38	-	-
16	.7125	39.72	Qp	0	0	10.1	49.82	56	-6.18	-	-
17	.7125	16.09	Ca	0	0	10.1	26.19	-	-	46	-19.81
18	.99825	37.9	Qp	0	.1	10.1	48.1	56	-7.9	-	-
19	.99825	14.43	Ca	0	.1	10.1	24.63	-	-	46	-21.37
20	1.28175	36.46	Qp	0	.1	10.1	46.66	56	-9.34	-	-
21	1.28175	12.12	Ca	0	.1	10.1	22.32	-	-	46	-23.68
22	1.5675	34.78	Qp	0	.1	10.1	44.98	56	-11.02	-	-
23	1.5675	10.93	Ca	0	.1	10.1	21.13	-	-	46	-24.87
24	13.20225	39.23	Qp	.1	.2	10.2	49.73	60	-10.27	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection

10.2. RADIO 1

LINE 1 RESULTS

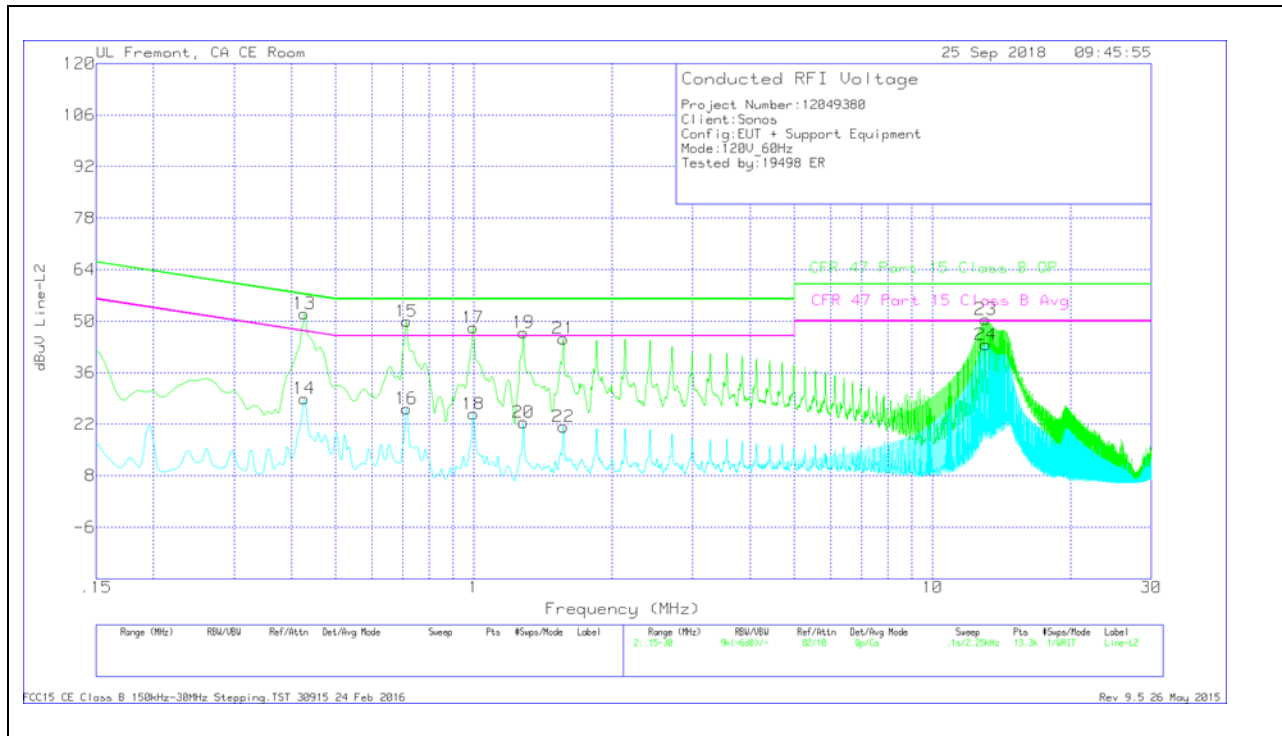


Trace Markers

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	.42675	42.49	Qp	0	0	10.1	52.59	57.32	-4.73	-	-
2	.42675	19.41	Ca	0	0	10.1	29.51	-	-	47.32	-17.81
3	.7125	39.54	Qp	0	0	10.1	49.64	56	-6.36	-	-
4	.7125	15.91	Ca	0	0	10.1	26.01	-	-	46	-19.99
5	.99825	37.45	Qp	0	.1	10.1	47.65	56	-8.35	-	-
6	.99825	14.07	Ca	0	.1	10.1	24.27	-	-	46	-21.73
7	1.28175	36.22	Qp	0	.1	10.1	46.42	56	-9.58	-	-
8	1.28175	11.94	Ca	0	.1	10.1	22.14	-	-	46	-23.86
9	1.5675	34.6	Qp	0	.1	10.1	44.8	56	-11.2	-	-
10	1.5675	10.93	Ca	0	.1	10.1	21.13	-	-	46	-24.87
11	13.065	39.59	Qp	.1	.2	10.2	50.09	60	-9.91	-	-
12	13.065	32.74	Ca	.1	.2	10.2	43.24	-	-	50	-6.76

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	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	.42675	41.96	Qp	0	0	10.1	52.06	57.32	-5.26	-	-
14	.42675	18.86	Ca	0	0	10.1	28.96	-	-	47.32	-18.36
15	.7125	39.82	Qp	0	0	10.1	49.92	56	-6.08	-	-
16	.7125	16.13	Ca	0	0	10.1	26.23	-	-	46	-19.77
17	.996	38.01	Qp	0	.1	10.1	48.21	56	-7.79	-	-
18	.99825	14.56	Ca	0	.1	10.1	24.76	-	-	46	-21.24
19	1.28175	36.74	Qp	0	.1	10.1	46.94	56	-9.06	-	-
20	1.28175	12.31	Ca	0	.1	10.1	22.51	-	-	46	-23.49
21	1.5675	35.05	Qp	0	.1	10.1	45.25	56	-10.75	-	-
22	1.5675	11.11	Ca	0	.1	10.1	21.31	-	-	46	-24.69
23	13.06275	39.99	Qp	.1	.2	10.2	50.49	60	-9.51	-	-
24	13.06275	33.12	Ca	.1	.2	10.2	43.62	-	-	50	-6.38

Qp - Quasi-Peak detector
 Ca - CISPR average detection