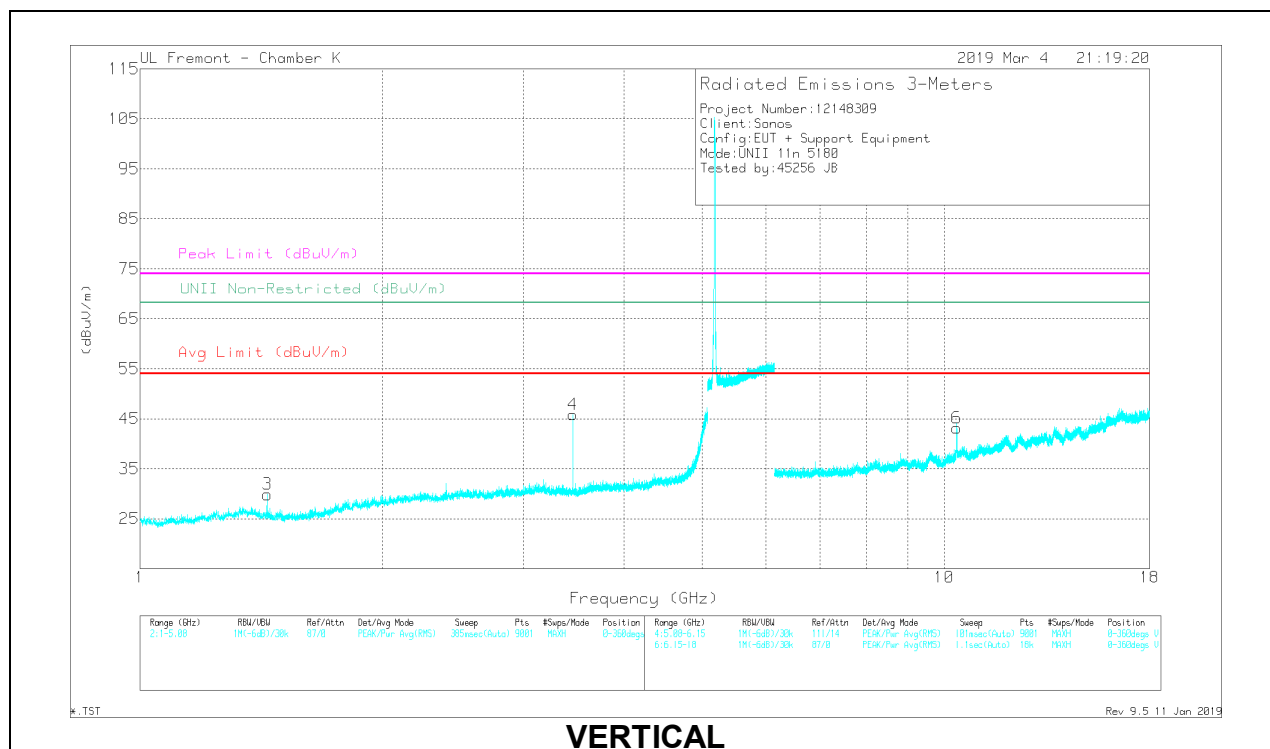
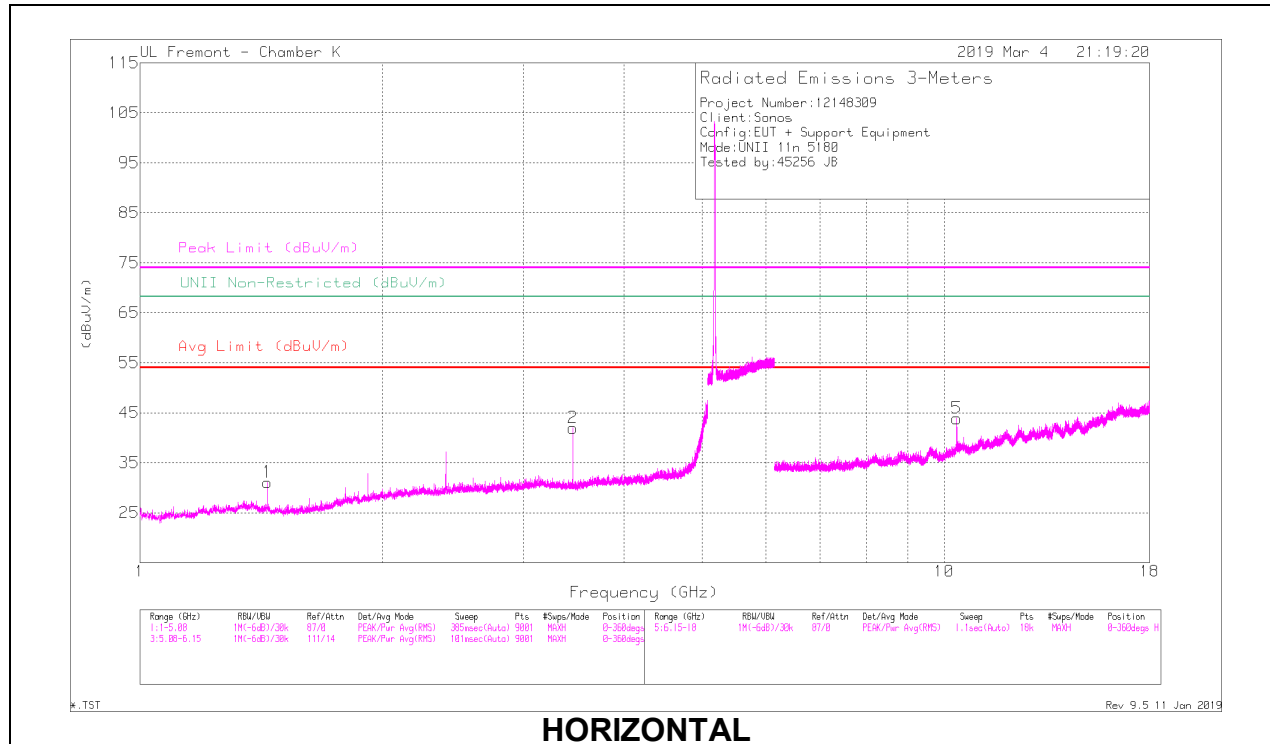


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

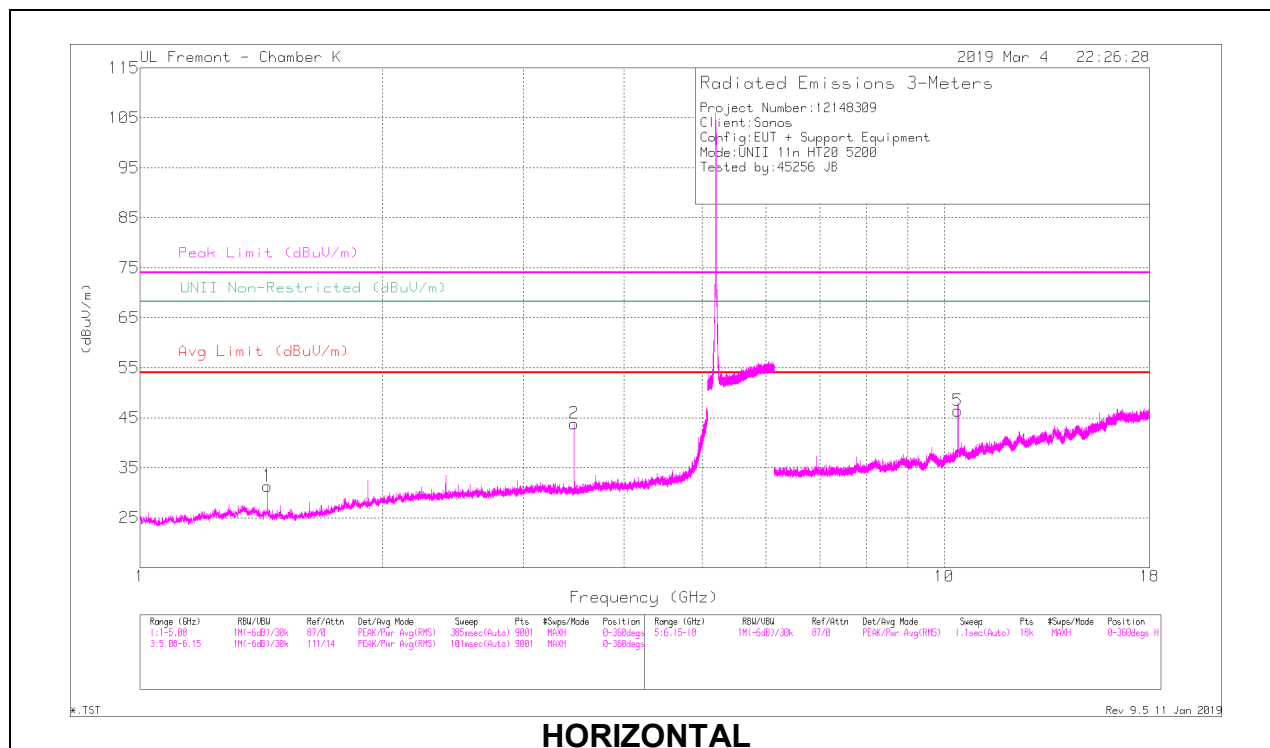
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	AmpCofFtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.44	43.4	PK-U	28.5	-35.3	0	36.6	-	-	74	-37.4	-	-	288	147	H
* 1.44	36.72	ADR	28.5	-35.3	2.5	32.42	54	-21.58	-	-	-	-	288	147	H
3.453	45.6	PK-U	32.6	-32.9	0	45.3	-	-	-	-	68.2	-22.9	141	103	H
* 1.44	42.38	PK-U	28.5	-35.3	0	35.58	-	-	74	-38.42	-	-	195	217	V
* 1.44	35.63	ADR	28.5	-35.3	2.5	31.33	54	-22.67	-	-	-	-	195	217	V
3.453	47.73	PK-U	32.6	-32.9	0	47.43	-	-	-	-	68.2	-20.77	127	123	V
10.363	37.1	PK-U	37.4	-23.1	0	51.4	-	-	-	-	68.2	-16.8	95	328	H
10.364	38.83	PK-U	37.4	-23.1	0	53.13	-	-	-	-	68.2	-15.07	42	105	V

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

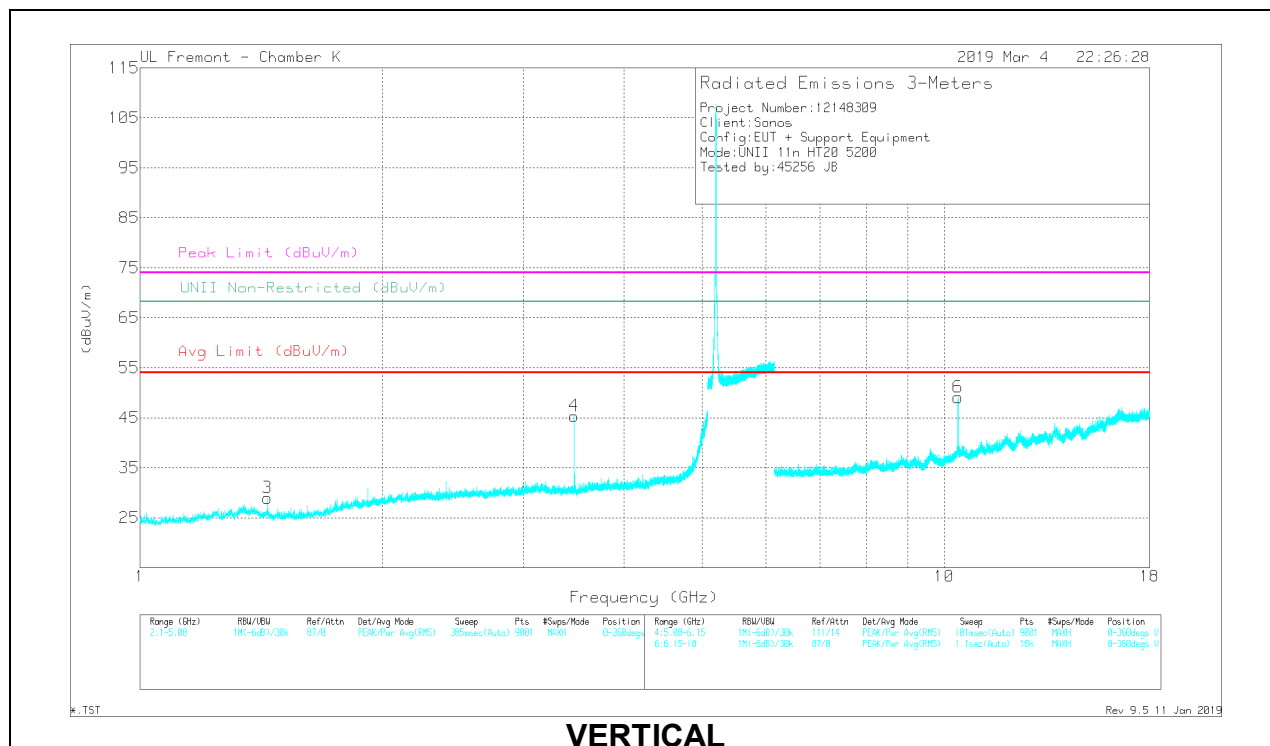
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

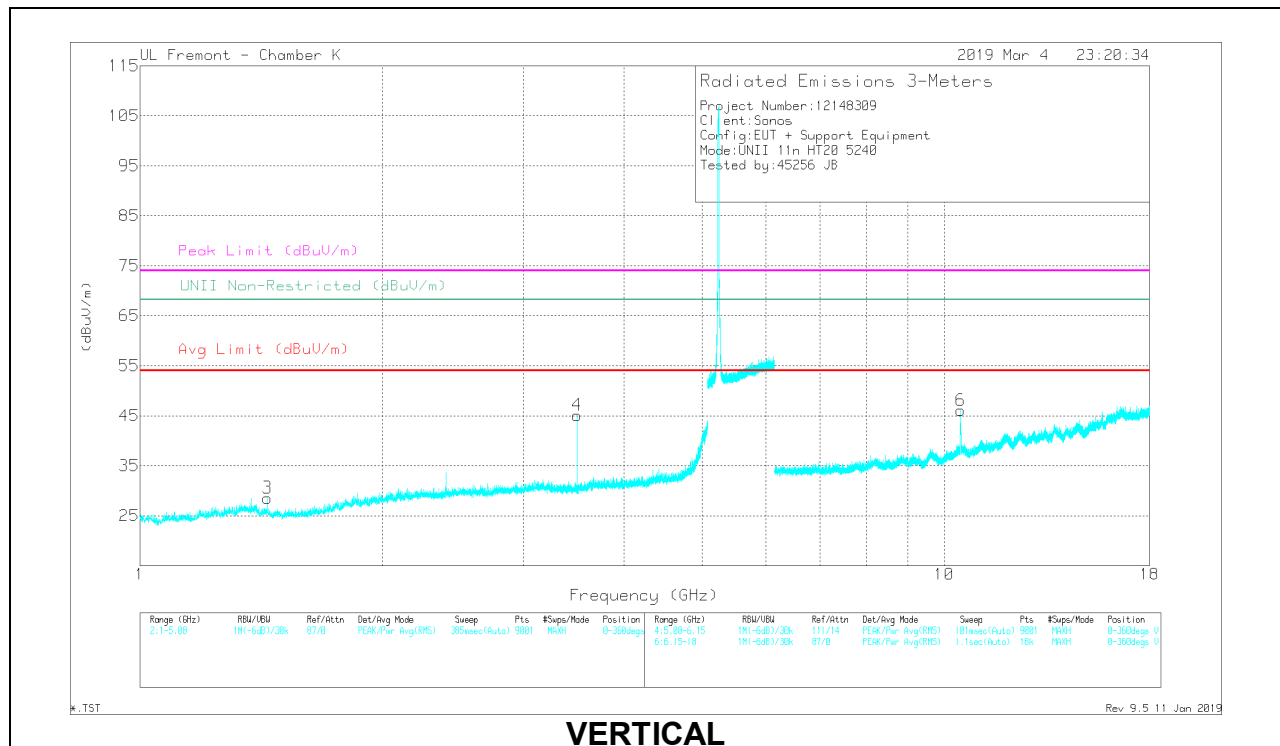
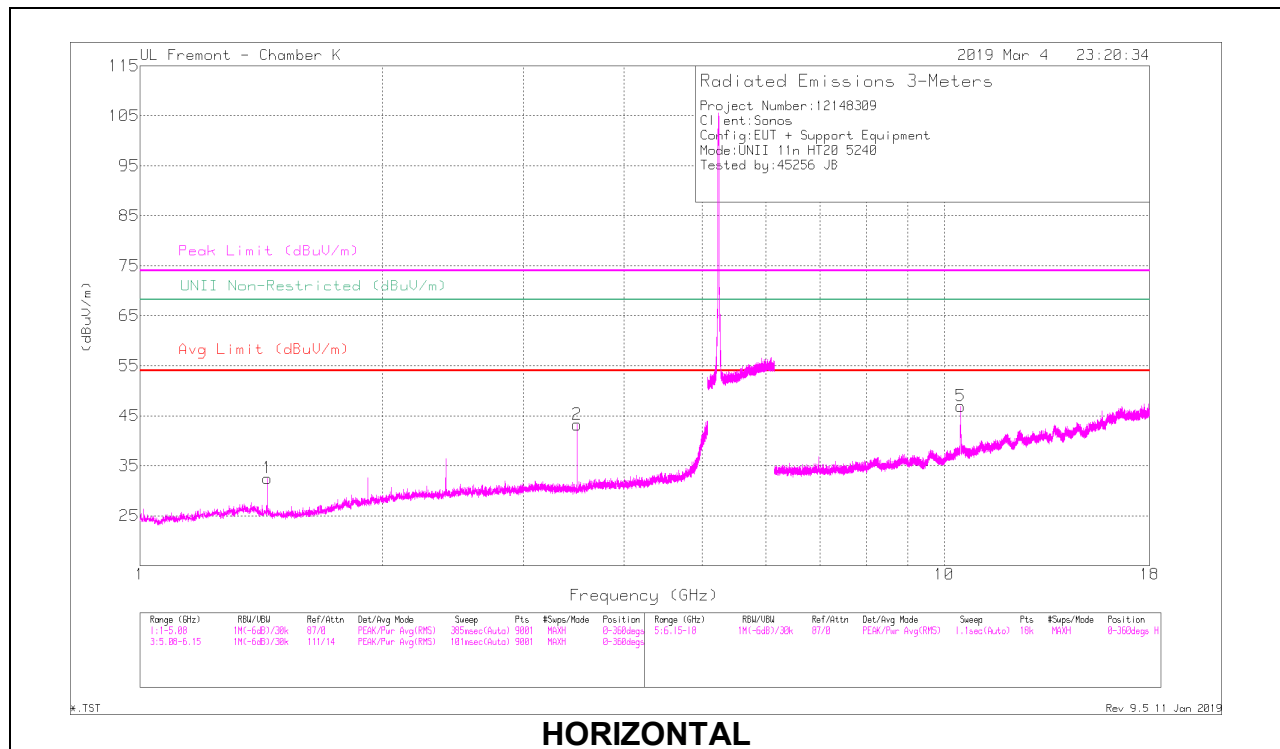
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	AmpCofFiltorPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.44	42.67	PK-U	28.5	-35.3	0	35.87	-	-	74	-38.13	-	-	285	201	H
* 1.44	37.34	ADR	28.5	-35.3	2.5	33.04	54	-20.96	-	-	-	-	285	201	H
3.467	45.09	PK-U	32.6	-32.9	0	44.79	-	-	-	-	68.2	-23.41	141	117	H
* 1.44	42.15	PK-U	28.5	-35.3	0	35.35	-	-	74	-38.65	-	-	192	216	V
* 1.44	34.79	ADR	28.5	-35.3	2.5	30.49	54	-23.51	-	-	-	-	192	216	V
3.467	47.77	PK-U	32.6	-32.9	0	47.47	-	-	-	-	68.2	-20.73	274	106	V
10.394	39.5	PK-U	37.4	-23	0	53.9	-	-	-	-	68.2	-14.3	327	199	H
10.399	39.78	PK-U	37.4	-22.9	0	54.28	-	-	-	-	68.2	-13.92	360	198	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

Frequency (GHz)	Measr Reading (dBuV)	Det	AF T344 (dBm)	AmpCofFtrPad (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
* 1.44	43.91	PK-U	28.5	-35.3	0	37.11	-	-	74	-36.89	-	-	285	197	H
* 1.44	36.41	ADR	28.5	-35.3	2.5	32.11	54	-21.89	-	-	-	-	285	197	H
3.493	44.33	PK-U	32.6	-32.7	0	44.23	-	-	-	-	68.2	-23.97	162	227	H
* 1.44	42.12	PK-U	28.5	-35.3	0	35.32	-	-	74	-38.68	-	-	200	127	V
* 1.44	35.46	ADR	28.5	-35.3	2.5	31.16	54	-22.84	-	-	-	-	200	127	V
3.493	47.14	PK-U	32.6	-32.7	0	47.04	-	-	-	-	68.2	-21.16	273	115	V
10.478	39.46	PK-U	37.6	-22.9	0	54.16	-	-	-	-	68.2	-14.04	314	102	H
10.479	40.96	PK-U	37.6	-22.9	0	55.66	-	-	-	-	68.2	-12.54	322	199	V

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

PK-U - U-NII: Maximum Peak

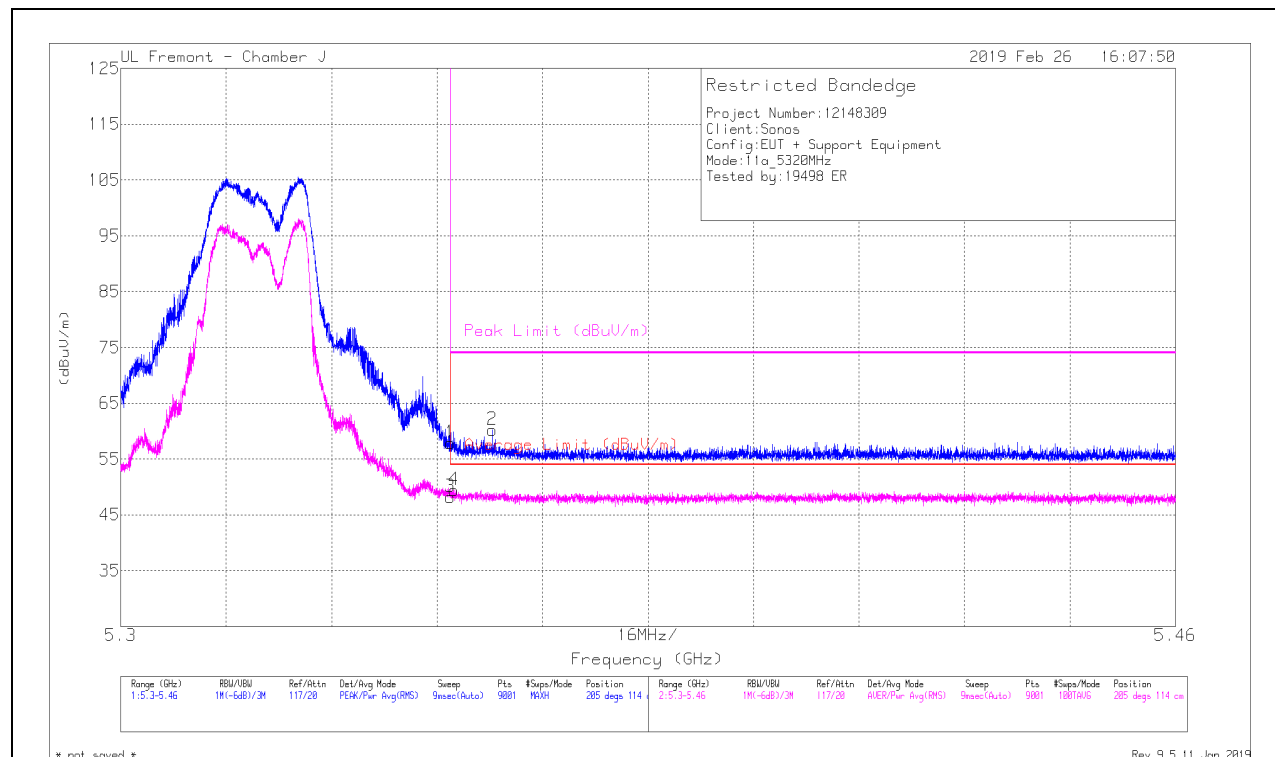
ADR - U-NII AD primary method, RMS average

9.1.3. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND

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

BANDEGE (HIGH CHANNEL)

HORIZONTAL RESULT



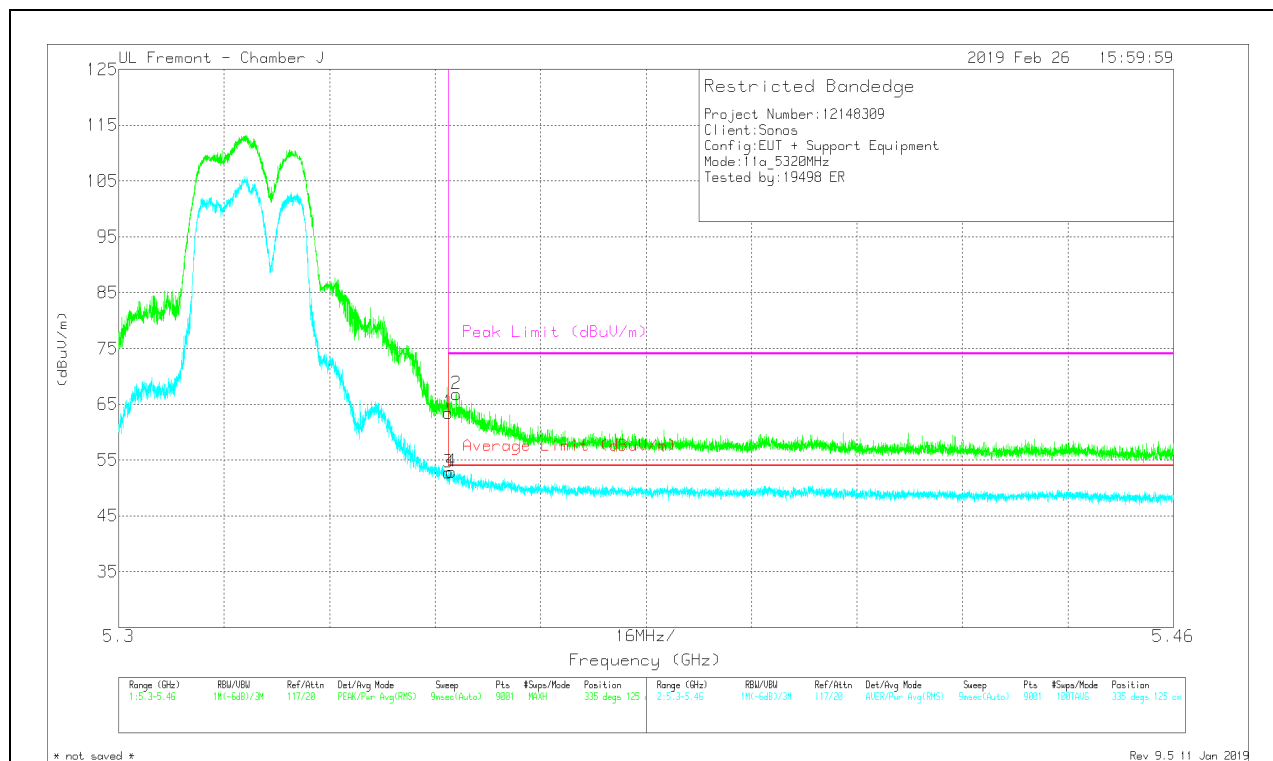
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/CD/Filt/Fa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.82	Pk	34.3	-21.2	0	57.92	-	-	74	-16.08	205	114	H
2	* 5.356	46.97	Pk	34.4	-21.2	0	60.17	-	-	74	-13.83	205	114	H
3	* 5.35	32.17	RMS	34.3	-21.2	2.91	48.18	54	-5.82	-	-	205	114	H
4	* 5.351	33.45	RMS	34.3	-21.2	2.91	49.46	54	-4.54	-	-	205	114	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CM/Fitr/Par d (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	50.35	Pk	34.3	-21.2	0	63.45	-	-	74	-10.55	335	125	V
2	* 5.351	53.66	Pk	34.3	-21.2	0	66.76	-	-	74	-7.24	335	125	V
3	* 5.35	36.7	RMS	34.3	-21.2	2.91	52.71	54	-1.29	-	-	335	125	V
4	* 5.35	36.9	RMS	34.3	-21.2	2.91	52.91	54	-1.09	-	-	335	125	V

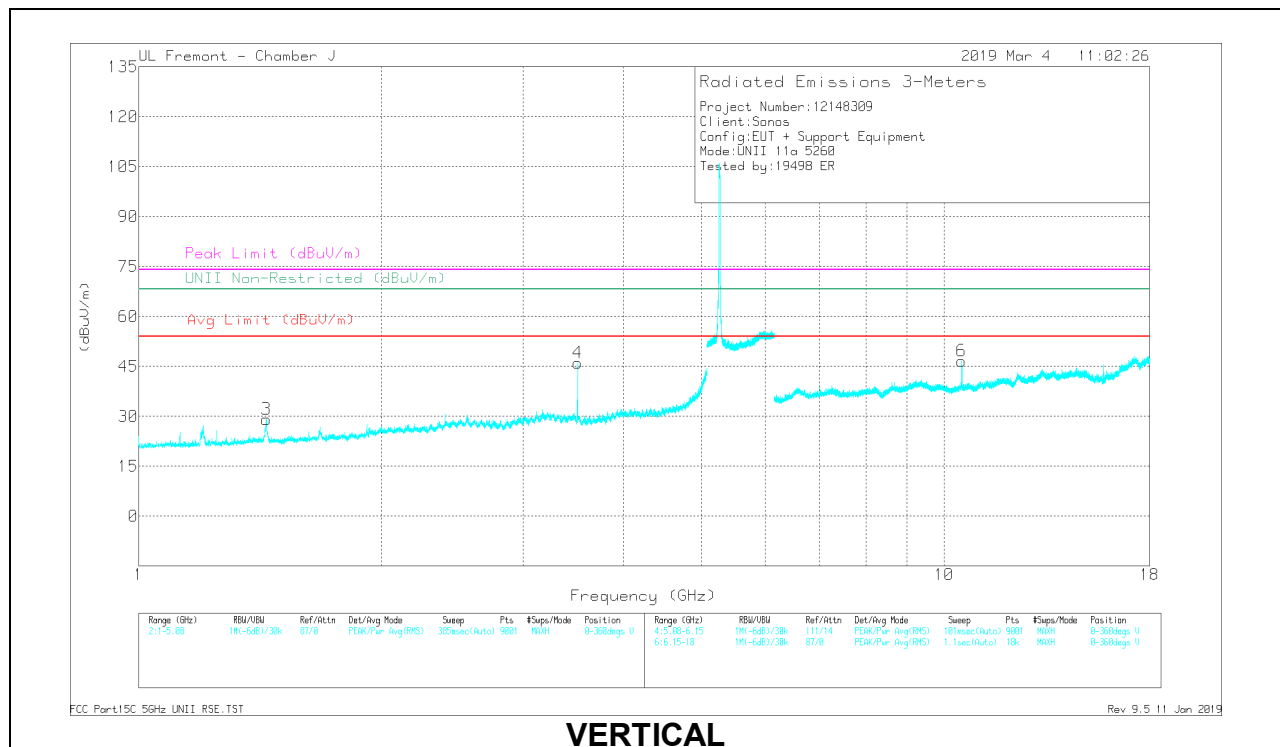
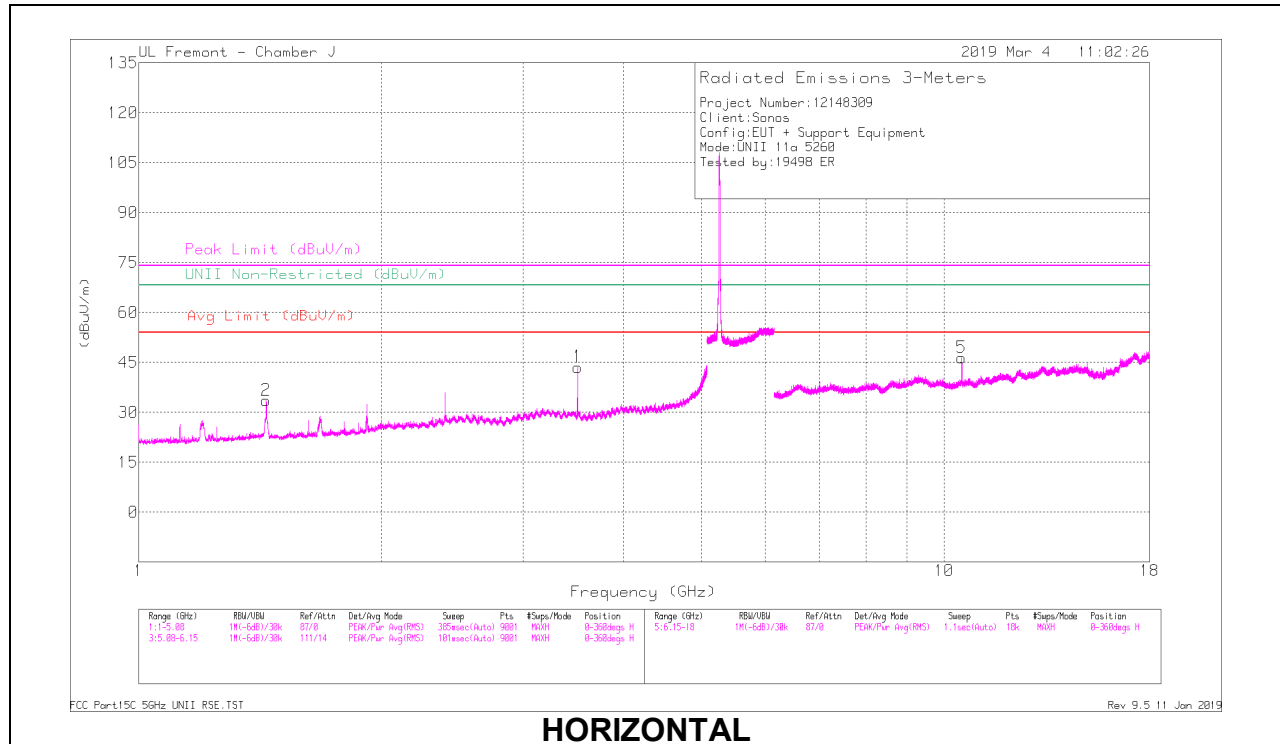
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

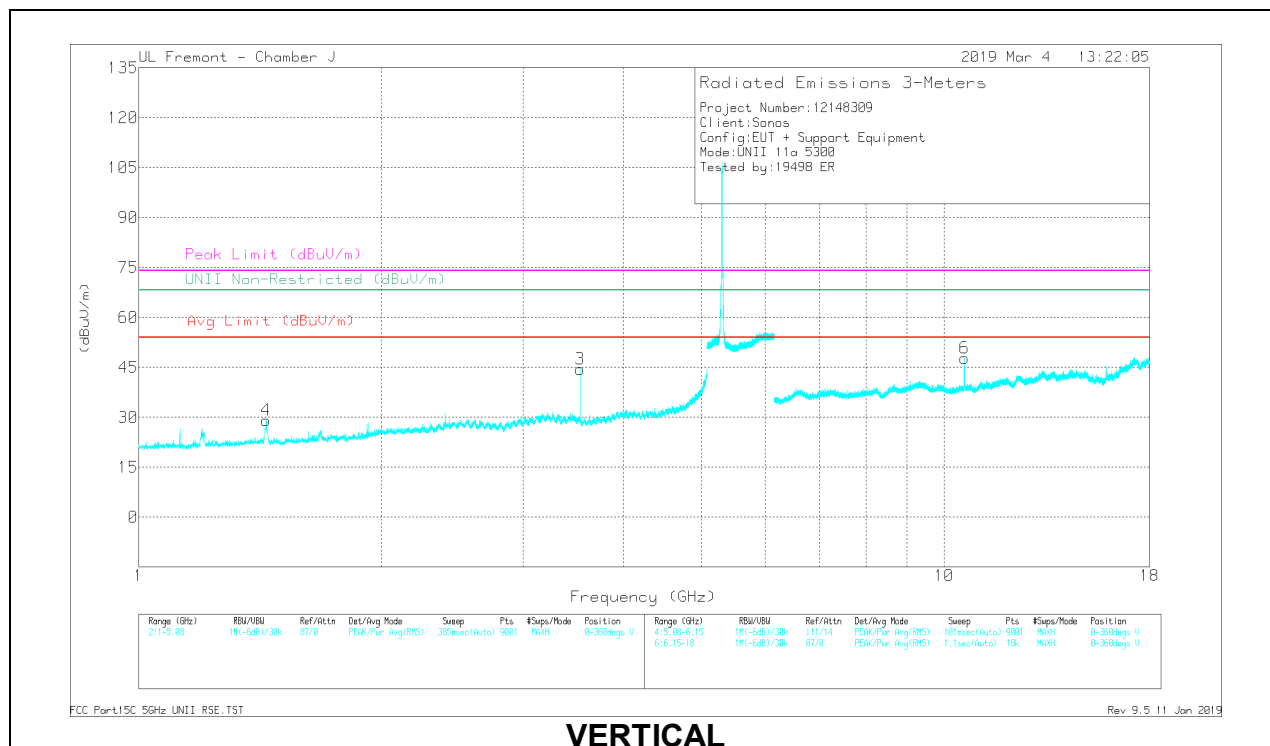
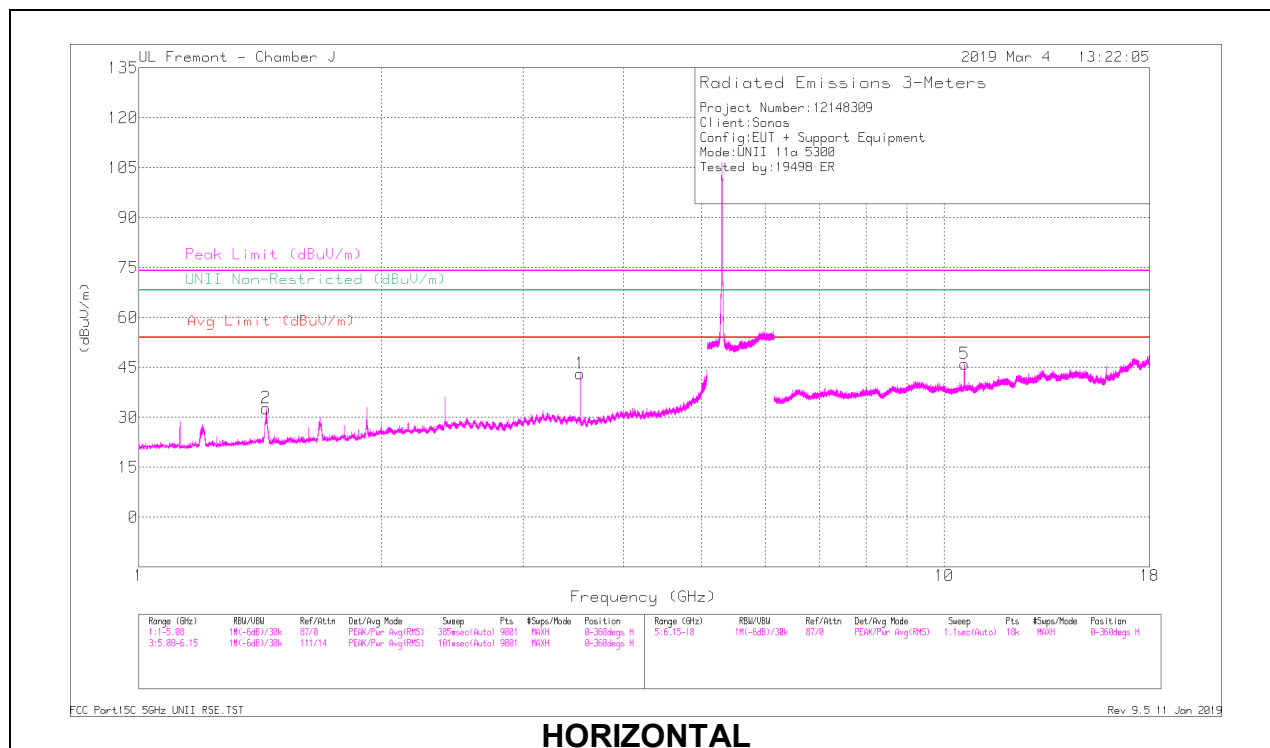
Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.507	49.14	PK-U	30.4	-33.2	0	46.34	-	-	74	-27.66	-	-	229	106	H
* 3.507	42.5	ADR	30.4	-33.2	2.91	42.61	54	-11.39	-	-	-	-	229	106	H
* 1.44	54.63	PK-U	25.1	-35.8	0	43.93	-	-	74	-30.07	-	-	127	133	H
* 1.44	42.68	ADR	25.1	-35.8	2.91	34.89	54	-19.11	-	-	-	-	127	133	H
* 1.439	58.88	PK-U	25.1	-35.9	0	48.08	-	-	74	-25.92	-	-	120	317	V
* 1.44	42.48	ADR	25.1	-35.8	2.91	34.69	54	-19.31	-	-	-	-	120	317	V
* 3.507	50.54	PK-U	30.4	-33.2	0	47.74	-	-	74	-26.26	-	-	29	103	V
* 3.507	46.33	ADR	30.4	-33.2	2.91	46.44	54	-7.56	-	-	-	-	29	103	V
10.822	41.56	PK-U	38.4	-25.4	0	54.56	-	-	-	-	68.2	-13.64	173	197	H
10.516	41.31	PK-U	38.4	-25.3	0	54.41	-	-	-	-	68.2	-13.79	351	206	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

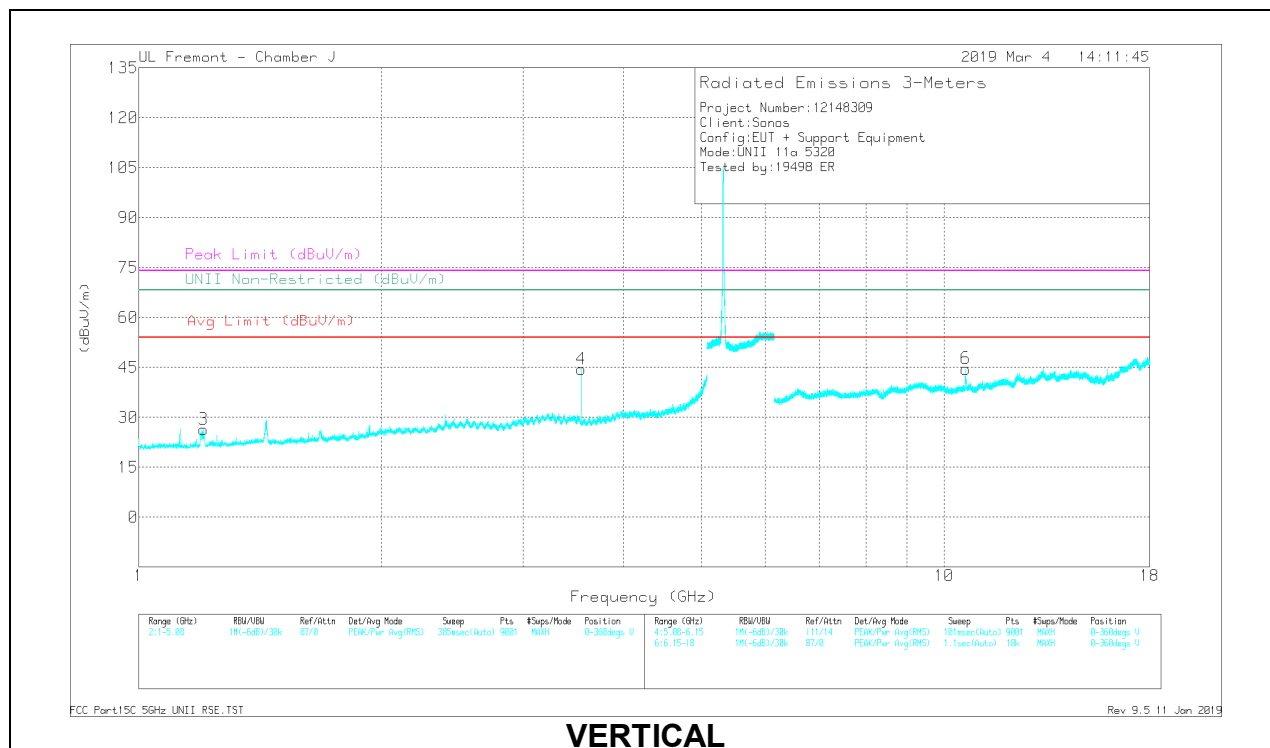
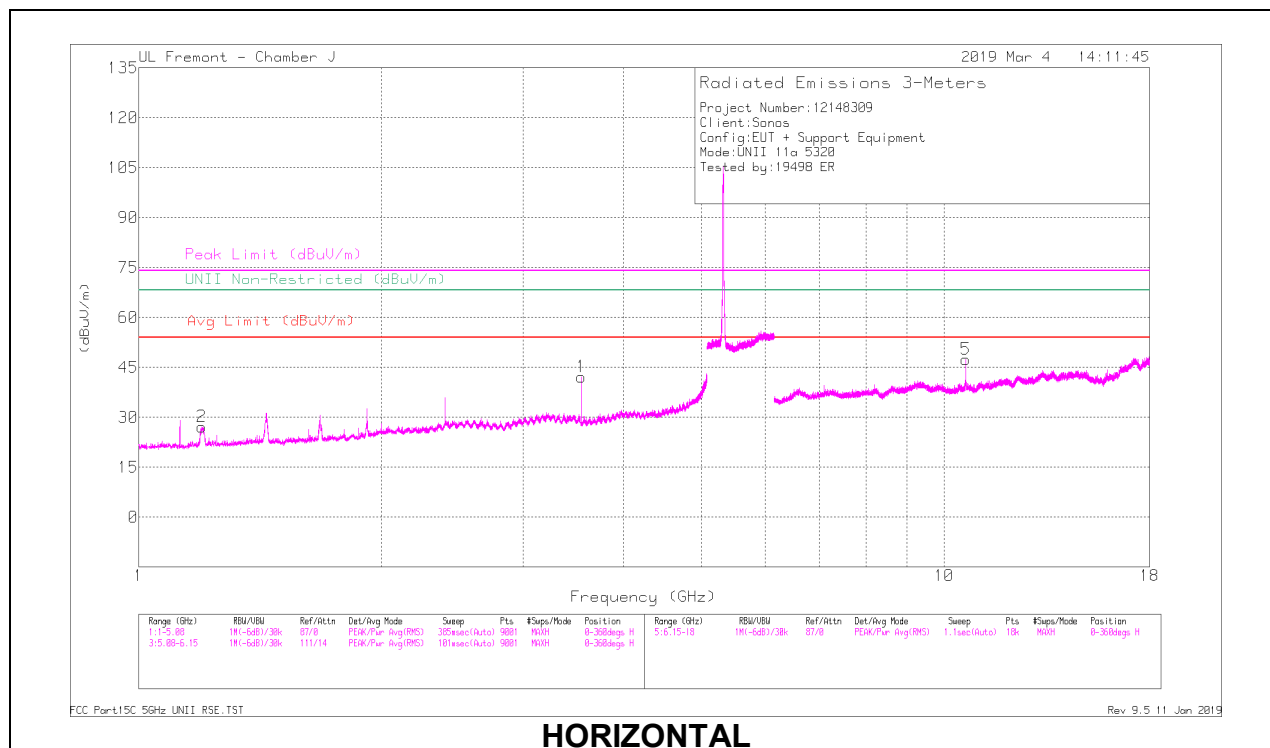
Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.533	47.73	PK-U	30.4	-33.1	0	45.03	-	-	74	-28.97	-	-	229	108	H
* 3.533	41.39	ADR	30.4	-33.1	2.91	41.6	54	-12.4	-	-	-	-	229	108	H
* 1.44	52.61	PK-U	25.1	-35.8	0	41.81	-	-	74	-32.19	-	-	138	128	H
* 1.44	41.41	ADR	25.1	-35.8	2.91	33.62	54	-20.38	-	-	-	-	138	128	H
* 3.533	49.55	PK-U	30.4	-33.1	0	46.85	-	-	74	-27.15	-	-	214	104	V
* 3.533	43.01	ADR	30.4	-33.1	2.91	43.22	54	-10.78	-	-	-	-	214	104	V
* 1.44	54.08	PK-U	25.1	-35.8	0	43.38	-	-	74	-30.62	-	-	115	316	V
* 1.44	44.21	ADR	25.1	-35.8	2.91	36.42	54	-17.58	-	-	-	-	115	316	V
10.599	42.35	PK-U	38.5	-25.2	0	55.65	-	-	-	-	68.2	-12.55	219	190	H
10.597	40.94	PK-U	38.5	-25.2	0	54.24	-	-	-	-	68.2	-13.96	49	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



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBμV)	Det	AF PRE0189055 (dBm)	AmpCst/FarPa d (dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	PK Margin (dB)	UNII Non-Restricted (dBμV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.547	48.19	PK-U	30.3	-33.3	0	45.19	-	-	74	-28.81	-	-	236	138	H
* 3.547	41.86	ADR	30.3	-33.3	2.91	41.37	54	-12.63	-	-	-	-	236	138	H
* 1.197	50.83	PK-U	24.1	-35.8	0	39.13	-	-	74	-34.87	-	-	123	175	H
* 1.197	35.94	ADR	24.1	-35.8	2.91	27.15	54	-26.85	-	-	-	-	123	175	H
* 1.204	47.49	PK-U	24.1	-35.8	0	35.79	-	-	74	-38.21	-	-	191	300	V
* 1.203	33.04	ADR	24.1	-35.8	2.91	24.25	54	-29.75	-	-	-	-	191	300	V
* 3.547	50	PK-U	30.3	-33.3	0	47	-	-	74	-27	-	-	214	103	V
* 3.547	45.07	ADR	30.3	-33.3	2.91	44.98	54	-9.02	-	-	-	-	214	103	V
* 10.638	43.22	PK-U	38.6	-25	0	36.82	-	-	74	-17.18	-	-	39	104	H
* 10.637	30.56	ADR	38.6	-25	2.91	47.07	54	-6.93	-	-	-	-	39	104	H
* 10.641	40.07	PK-U	38.6	-25	0	53.67	-	-	74	-20.33	-	-	80	282	V
* 10.641	26.64	ADR	38.6	-25	2.91	43.15	54	-10.85	-	-	-	-	80	282	V

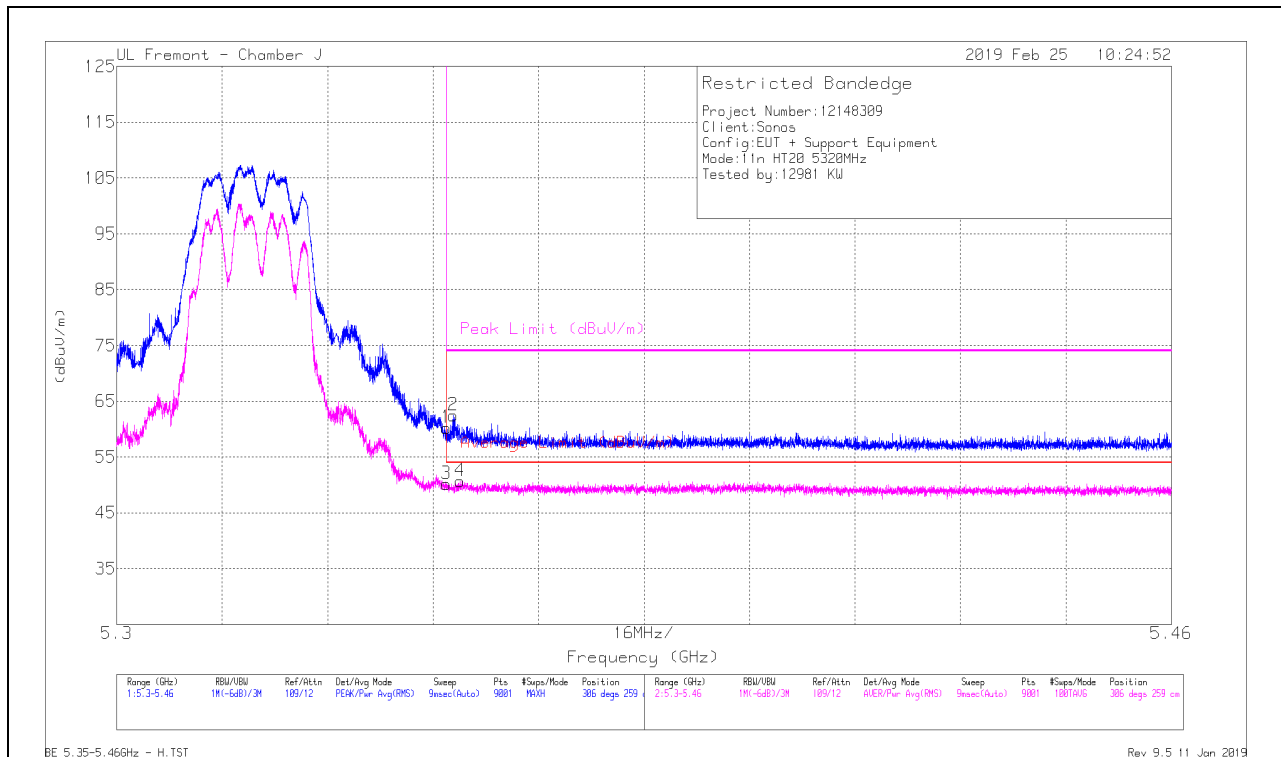
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

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

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



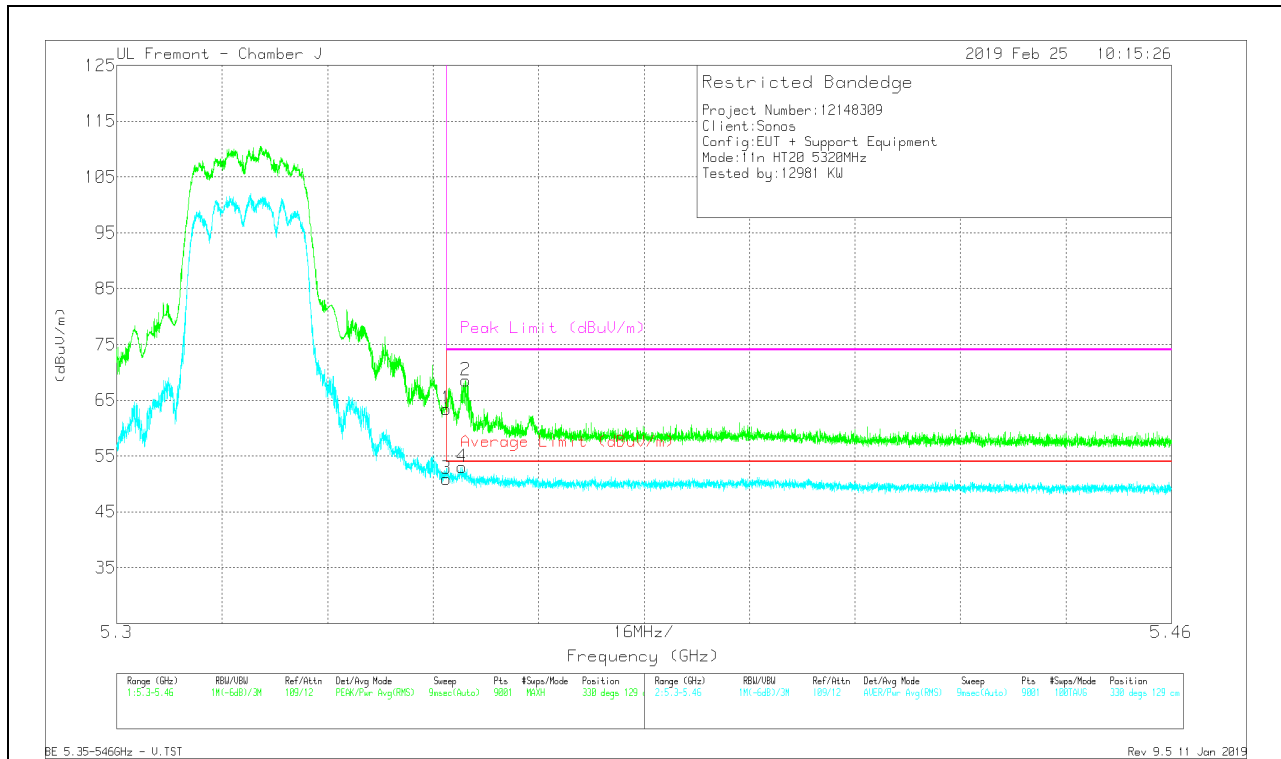
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CD/Filt/Fa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	34.61	Pk	34.3	-8.7	0	60.21	-	-	74	-13.79	306	259	H
2	* 5.351	36.89	Pk	34.3	-8.7	0	62.49	-	-	74	-11.51	306	259	H
3	* 5.35	22.07	RMS	34.3	-8.7	2.5	50.17	54	-3.83	-	-	306	259	H
4	* 5.352	22.5	RMS	34.4	-8.7	2.5	50.7	54	-3.3	-	-	306	259	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CM/Filtr/Par d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	37.9	Pk	34.3	-8.7	0	63.5	-	-	74	-10.5	330	129	V
2	* 5.353	42.82	Pk	34.4	-8.7	0	68.52	-	-	74	-5.48	330	129	V
3	* 5.35	22.84	RMS	34.3	-8.7	2.5	50.94	54	-3.06	-	-	330	129	V
4	* 5.352	24.78	RMS	34.4	-8.7	2.5	52.98	54	-1.02	-	-	330	129	V

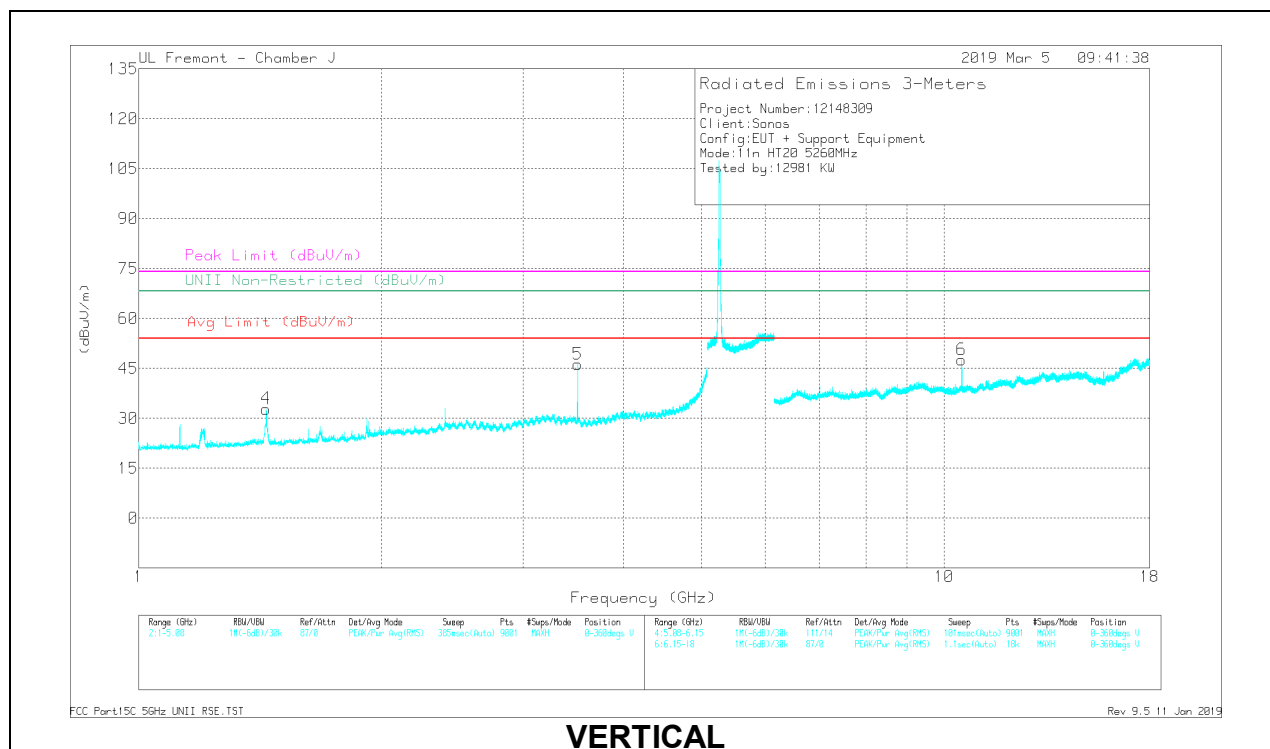
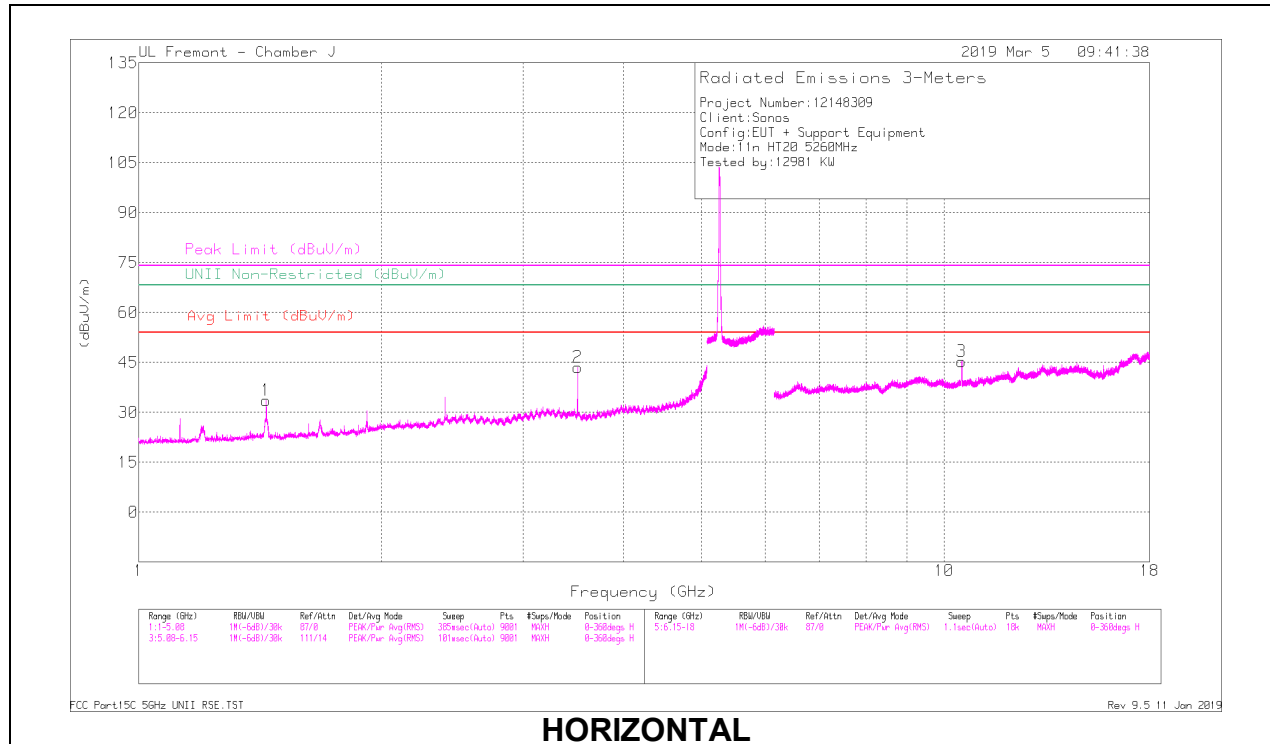
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

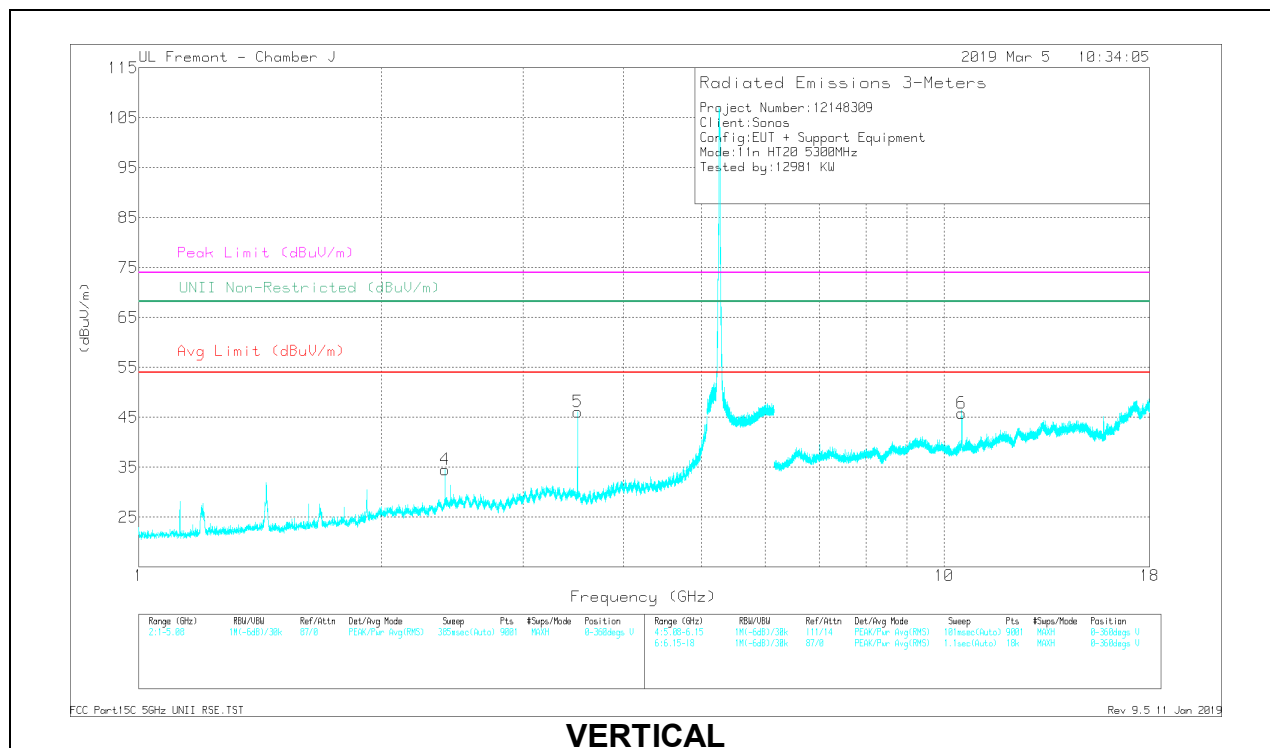
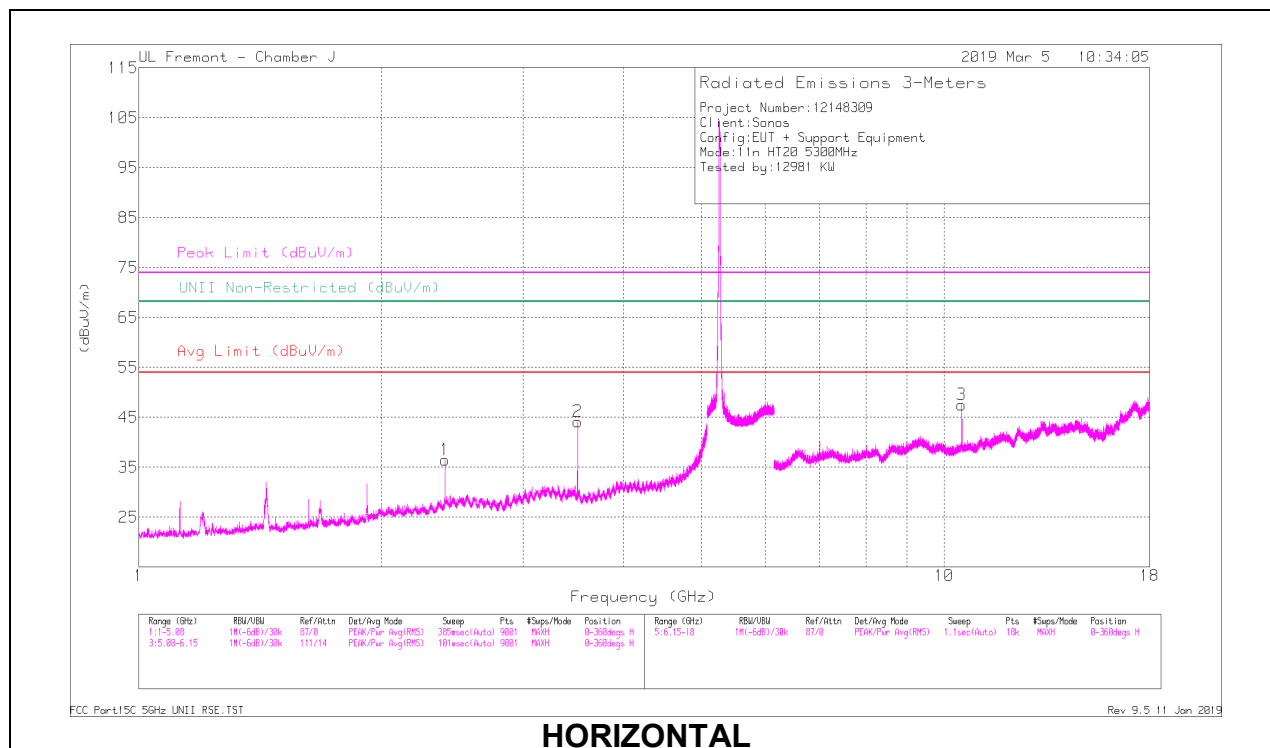
Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F1orPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.441	53.56	PK-U	25.1	-35.8	0	42.86	-	-	74	-31.14	-	-	37	103	H
* 1.44	41.89	ADR	25.1	-35.8	2.5	33.69	54	-20.31	-	-	-	-	37	103	H
* 3.507	49.52	PK-U	30.4	-33.2	0	45.72	-	-	74	-28.28	-	-	245	236	H
* 3.507	42.3	ADR	30.4	-33.2	2.5	42	54	-12	-	-	-	-	245	236	H
* 1.44	58.42	PK-U	25.1	-35.8	0	47.72	-	-	74	-26.28	-	-	339	305	V
* 1.44	41.98	ADR	25.1	-35.8	2.5	33.78	54	-20.22	-	-	-	-	339	305	V
* 3.507	49.36	PK-U	30.4	-33.2	0	46.56	-	-	74	-27.44	-	-	85	196	V
* 3.507	42.07	ADR	30.4	-33.2	2.5	41.77	54	-12.23	-	-	-	-	85	196	V
10.517	41.25	PK-U	38.4	-25.3	0	54.35	-	-	-	-	68.2	-13.85	41	103	H
10.519	43.04	PK-U	38.4	-25.3	0	56.14	-	-	-	-	68.2	-12.06	82	207	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

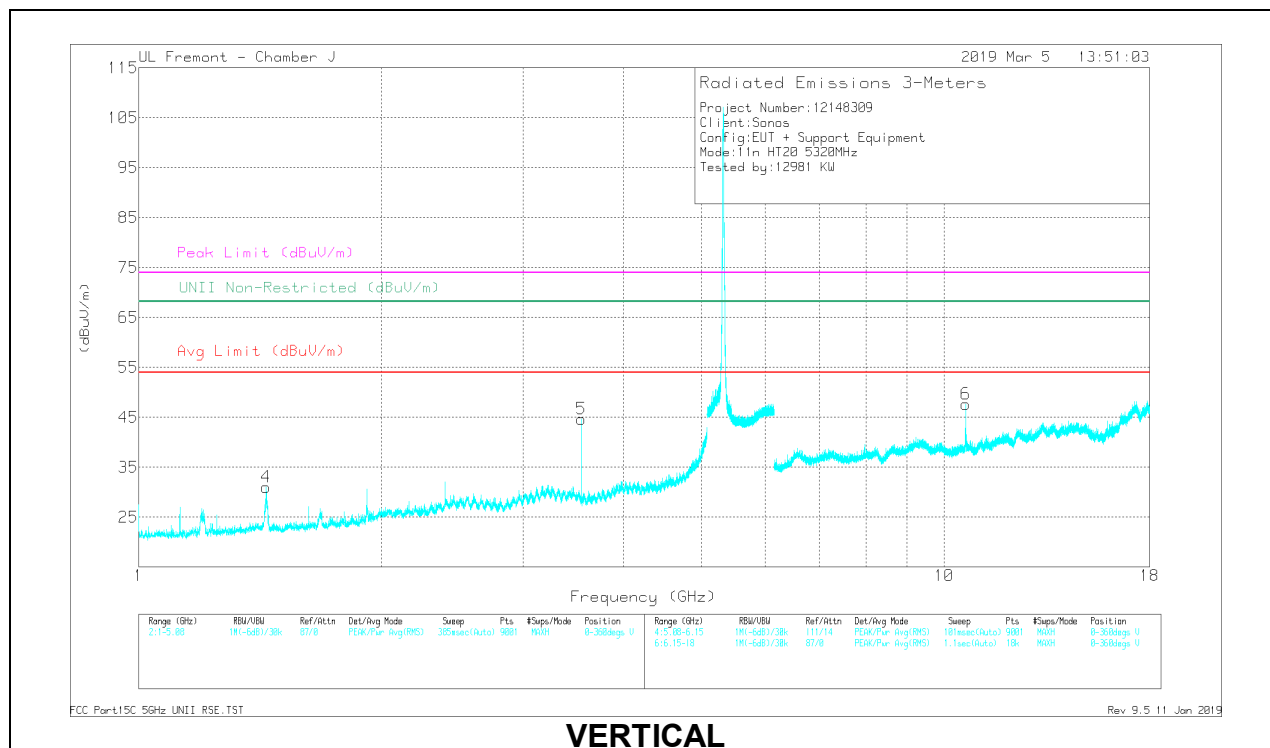
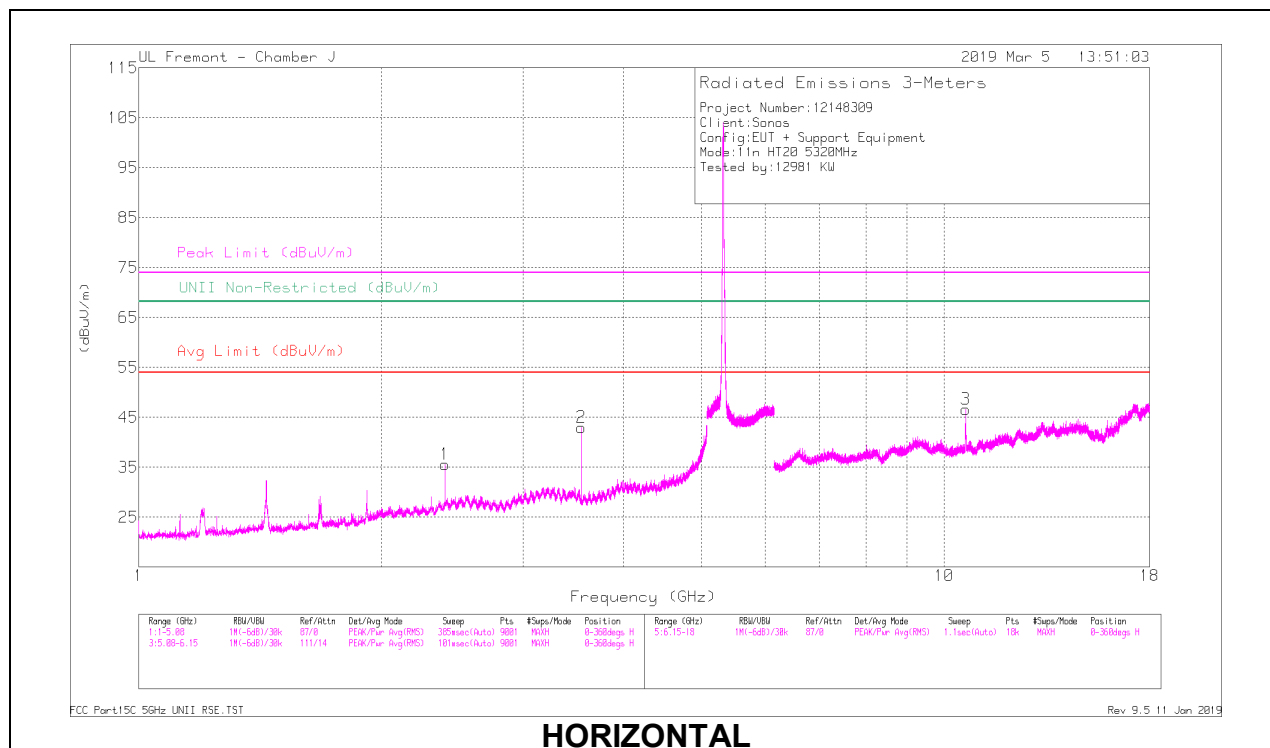
Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	46.61	PK-U	29.6	-35.5	0	40.71	-	-	-	-	68.2	-27.49	163	196	H
* 3.507	48.75	PK-U	30.4	-33.2	0	45.95	-	-	74	-28.05	-	-	236	123	H
* 3.507	41.89	ADR	30.4	-33.2	2.5	41.59	54	-12.41	-	-	-	-	236	123	H
2.4	44.92	PK-U	29.6	-35.5	0	39.02	-	-	-	-	68.2	-29.18	169	102	V
* 3.507	49.8	PK-U	30.4	-33.2	0	47	-	-	74	-27	-	-	28	103	V
* 3.507	42.13	ADR	30.4	-33.2	2.5	41.83	54	-12.17	-	-	-	-	28	103	V
10.516	43.21	PK-U	38.4	-25.3	0	56.31	-	-	-	-	68.2	-11.89	128	185	H
10.515	42.51	PK-U	38.4	-25.3	0	55.61	-	-	-	-	68.2	-12.59	110	363	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

Frequency (GHz)	Meas Reading (dBuV)	Det	AF PRE018955 (dBm)	AmpCst/Fst/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	46.94	PK-U	29.6	-35.5	0	41.04	-	-	-	-	68.2	-27.16	160	197	H
* 3.547	48.55	PK-U	30.3	-33.3	0	45.55	-	-	74	-28.45	-	-	246	272	H
* 3.547	42.97	ADR	30.3	-33.3	2.5	42.47	54	-11.53	-	-	-	-	246	272	H
* 1.441	51.79	PK-U	25.1	-35.8	0	41.09	-	-	74	-32.91	-	-	209	220	V
* 1.44	40.14	ADR	25.1	-35.8	2.5	31.94	54	-22.06	-	-	-	-	209	220	V
* 3.547	48.79	PK-U	30.3	-33.3	0	45.79	-	-	74	-28.21	-	-	292	155	V
* 3.547	41.75	ADR	30.3	-33.3	2.5	41.25	54	-12.75	-	-	-	-	292	155	V
* 3.547	48.85	PK-U	30.3	-33.3	0	45.85	-	-	74	-28.15	-	-	292	155	V
* 3.547	41.28	ADR	30.3	-33.3	2.5	40.78	54	-13.24	-	-	-	-	292	155	V
* 10.64	41.3	PK-U	38.6	-25	0	54.9	-	-	74	-19.1	-	-	203	208	H
* 10.64	28.08	ADR	38.6	-25	2.5	44.18	54	-9.82	-	-	-	-	203	208	H
* 10.639	40.79	PK-U	38.6	-25	0	54.39	-	-	74	-19.61	-	-	221	115	V
* 10.64	27.23	ADR	38.6	-25	2.5	43.33	54	-10.67	-	-	-	-	221	115	V

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

PK-U - U-NII: Maximum Peak

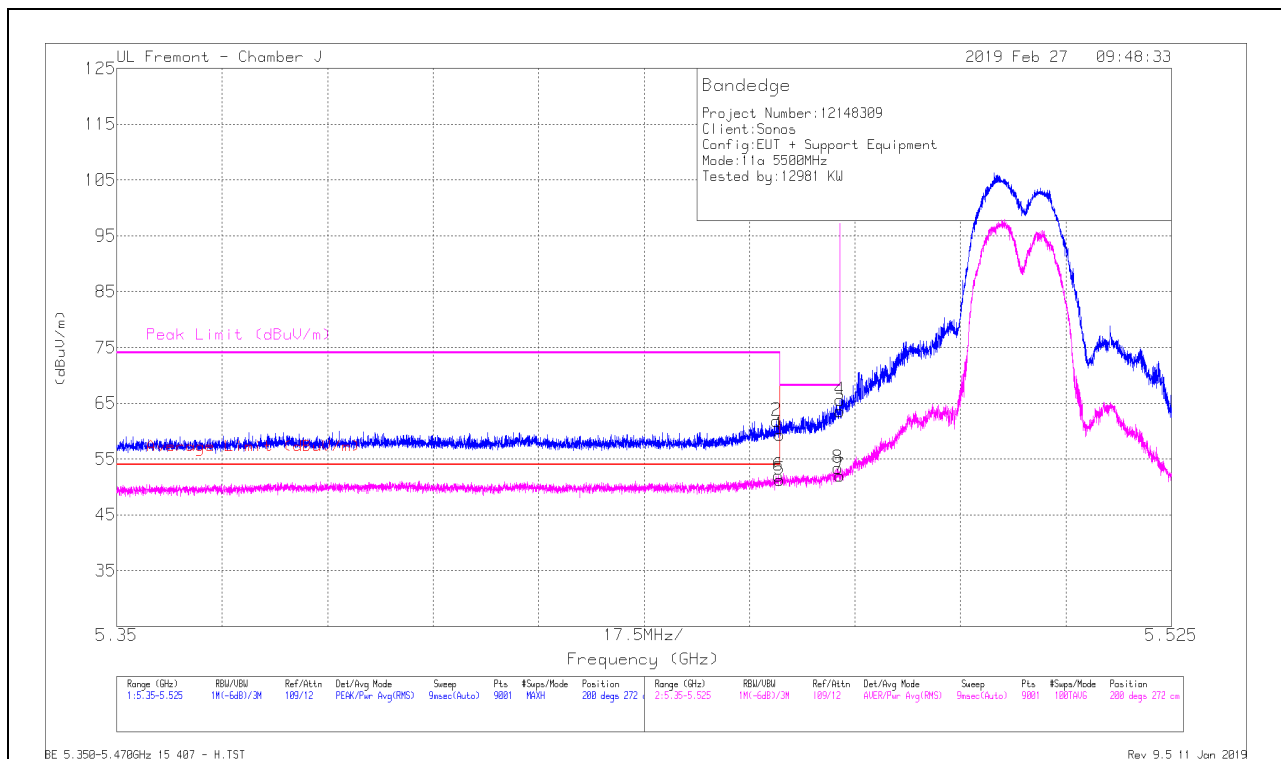
ADR - U-NII AD primary method, RMS average

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



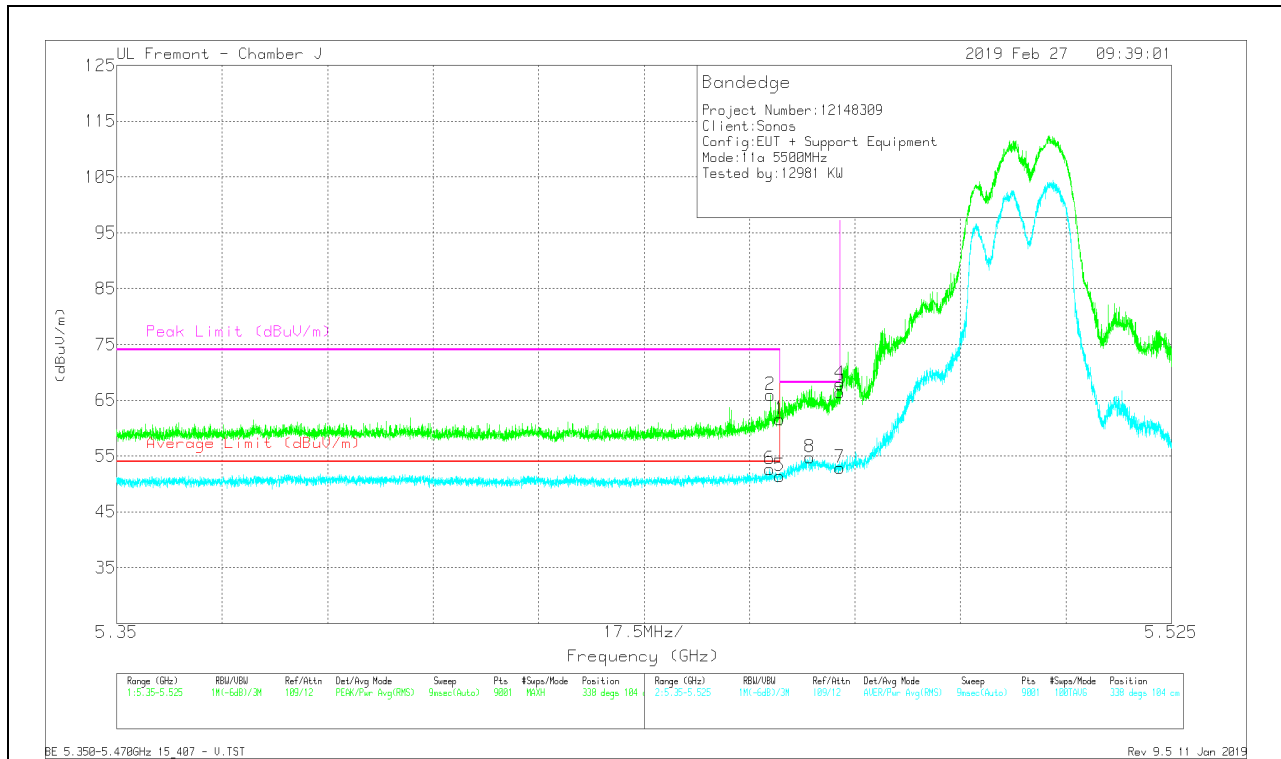
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CDI/Filt/Fa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	33.29	Pk	34.5	-8.4	0	59.39	-	-	74	-14.61	200	272	H
2	* 5.46	35.75	Pk	34.5	-8.4	0	61.85	-	-	74	-12.15	200	272	H
3	5.47	37.62	Pk	34.5	-8.6	0	63.52	-	-	68.2	-4.68	200	272	H
4	5.47	39.66	Pk	34.5	-8.6	0	65.56	-	-	68.2	-2.64	200	272	H
5	* 5.46	22.24	RMS	34.5	-8.4	2.91	51.25	54	-2.75	-	-	200	272	H
6	* 5.46	23.03	RMS	34.5	-8.4	2.91	52.04	54	-1.96	-	-	200	272	H
7	5.47	23.25	RMS	34.5	-8.6	2.91	52.06	-	-	-	-	200	272	H
8	5.47	24.54	RMS	34.5	-8.6	2.91	53.35	-	-	-	-	200	272	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CM/Filtr/Par d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	35.44	Pk	34.5	-8.4	0	61.54	-	-	74	-12.46	338	104	V
2	* 5.458	39.8	Pk	34.5	-8.4	0	65.9	-	-	74	-8.1	338	104	V
3	5.47	40.53	Pk	34.5	-8.6	0	66.43	-	-	68.2	-1.77	338	104	V
4	5.47	42.04	Pk	34.5	-8.6	0	67.94	-	-	68.2	-2.6	338	104	V
5	* 5.46	22.42	RMS	34.5	-8.4	2.91	51.43	54	-2.57	-	-	338	104	V
6	* 5.458	23.59	RMS	34.5	-8.4	2.91	52.6	54	-1.4	-	-	338	104	V
7	5.47	24.12	RMS	34.5	-8.6	2.91	52.93	-	-	-	-	338	104	V
8	5.465	25.86	RMS	34.5	-8.5	2.91	54.77	-	-	-	-	338	104	V

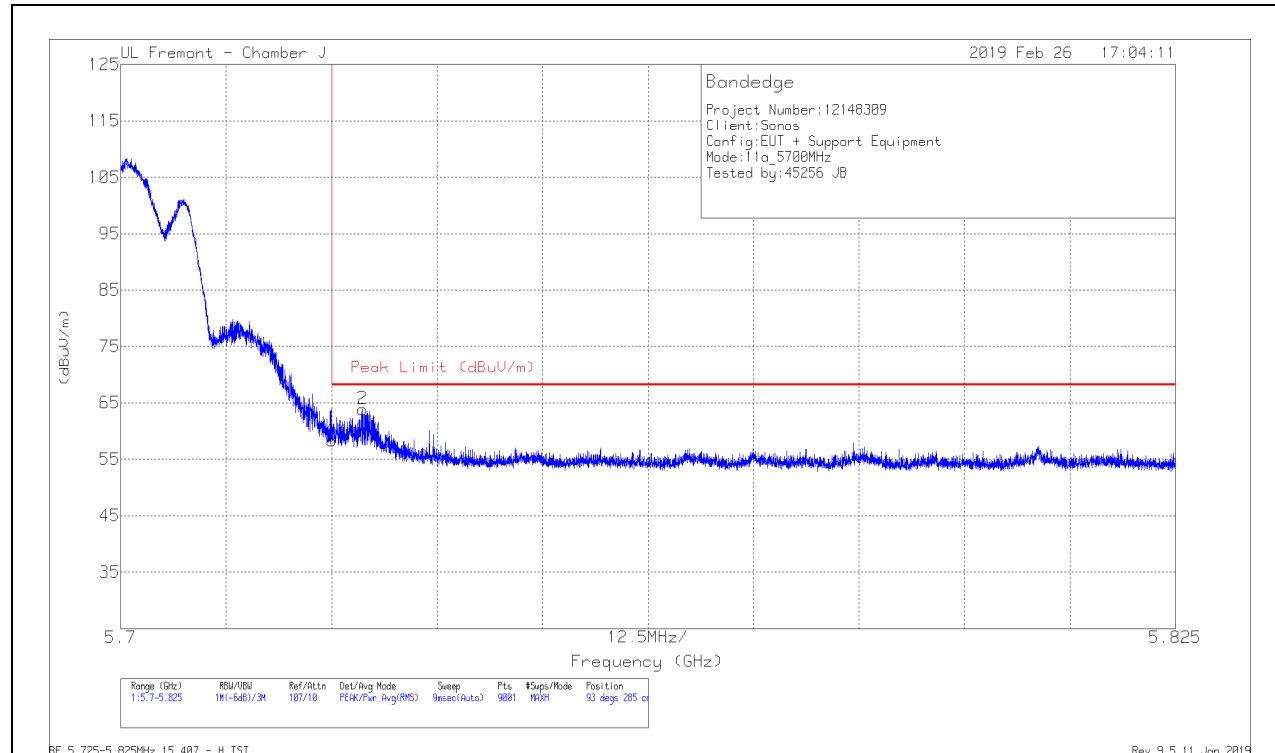
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

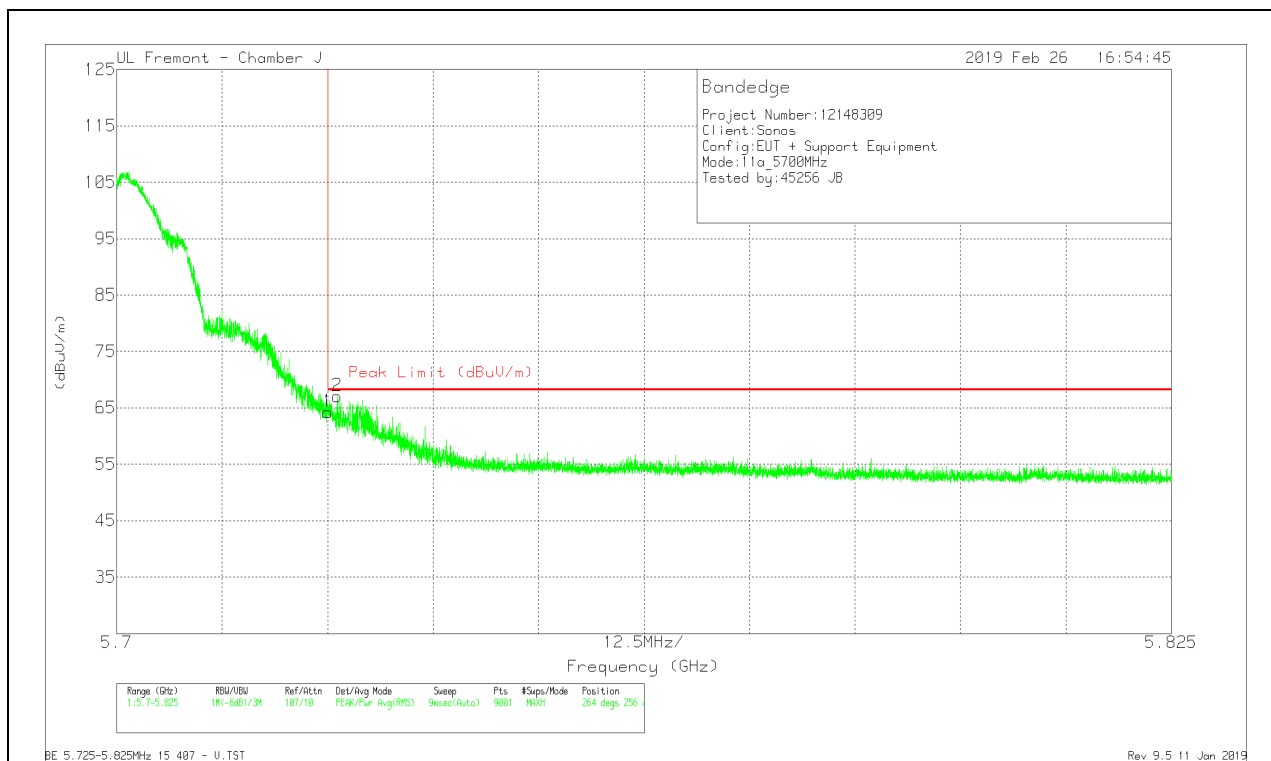
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.39	Pk	34.7	-20.8	0	58.29	68.2	-9.91	93	285	H
2	5.729	49.99	Pk	34.7	-20.8	0	63.89	68.2	-4.31	93	285	H

Pk - Peak detector

VERTICAL RESULT

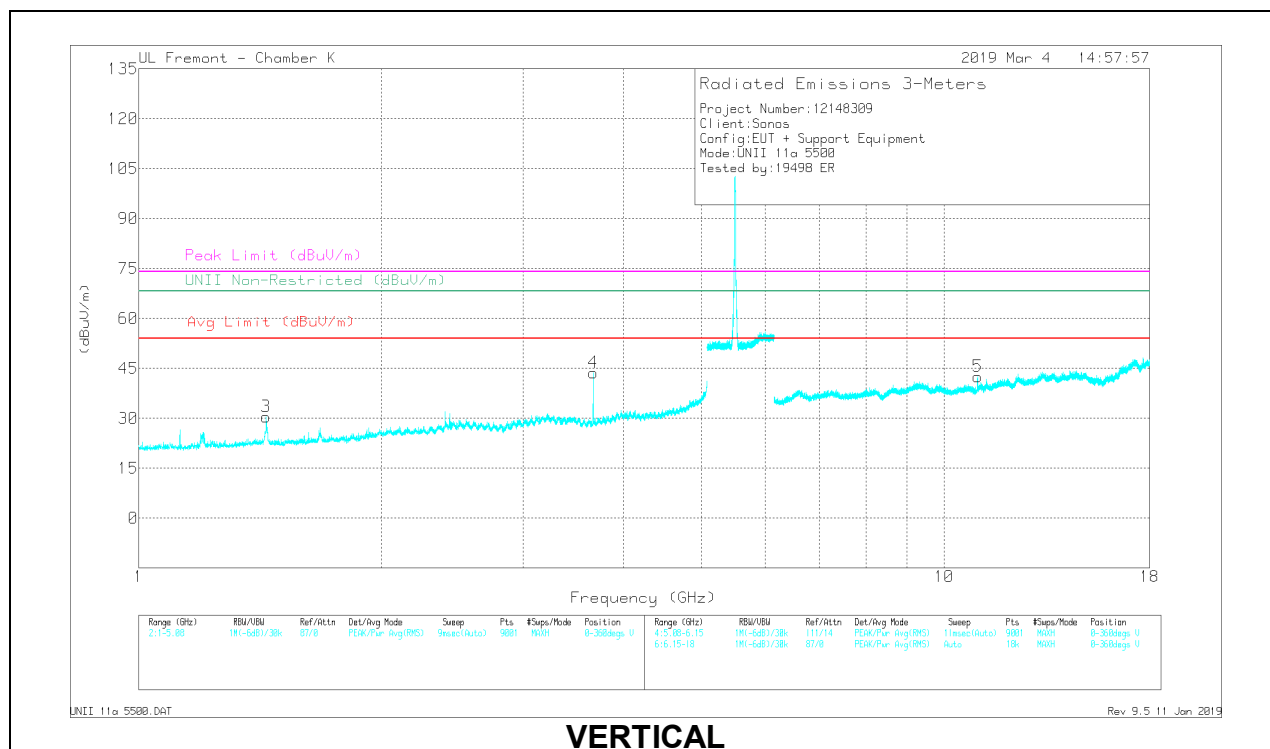
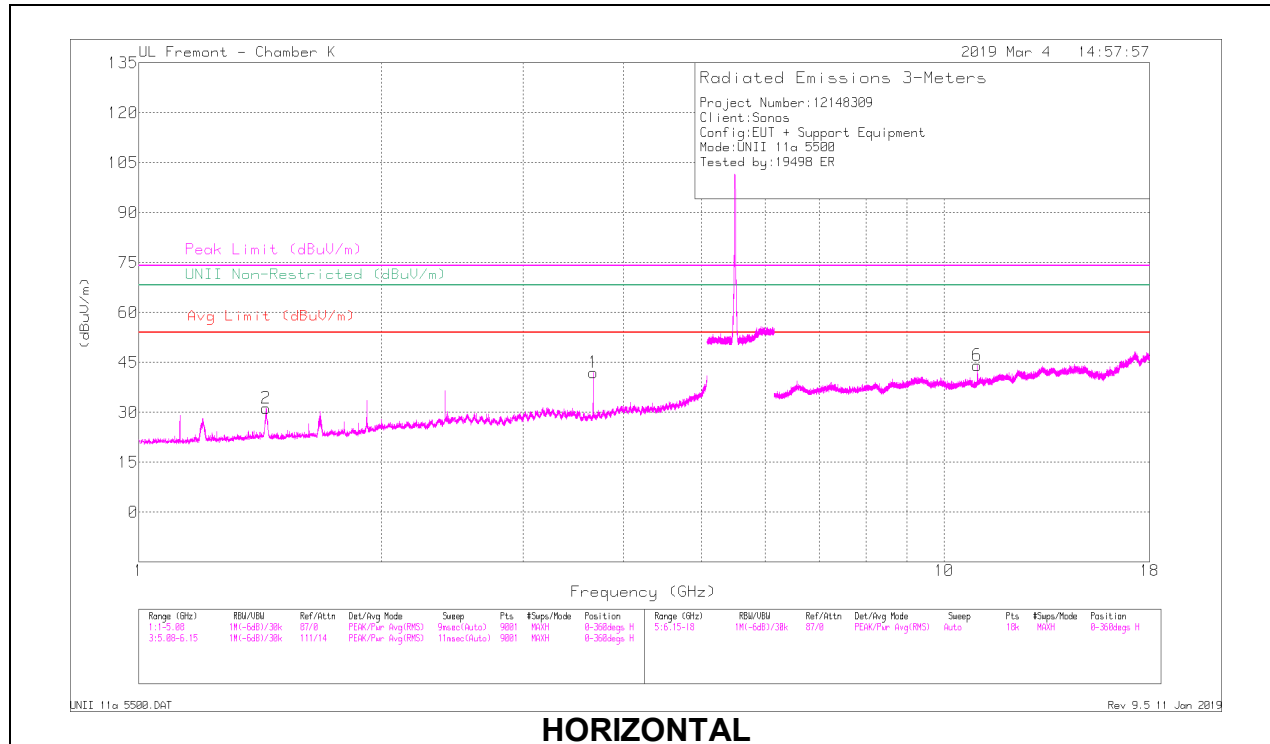


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	50.34	Pk	34.7	-20.8	0	64.24	68.2	-3.96	264	256	V
2	5.726	53.11	Pk	34.7	-20.8	0	67.01	68.2	-1.19	264	256	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

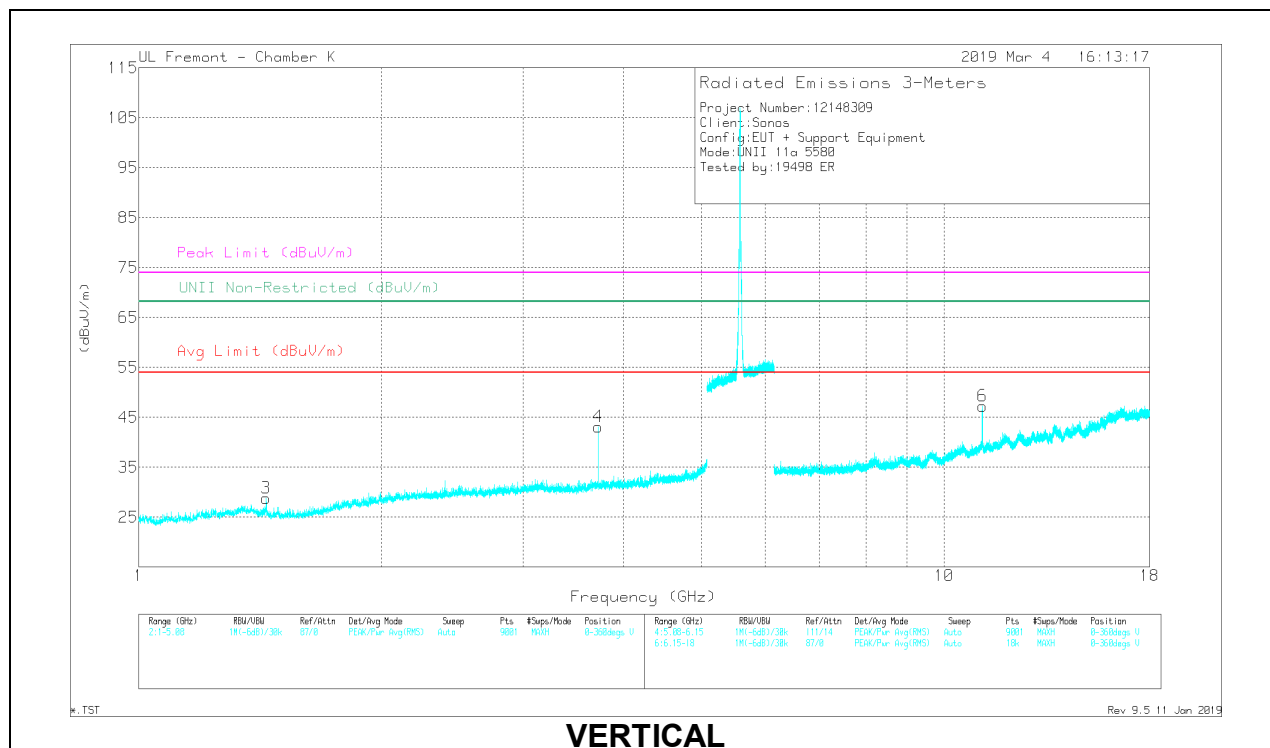
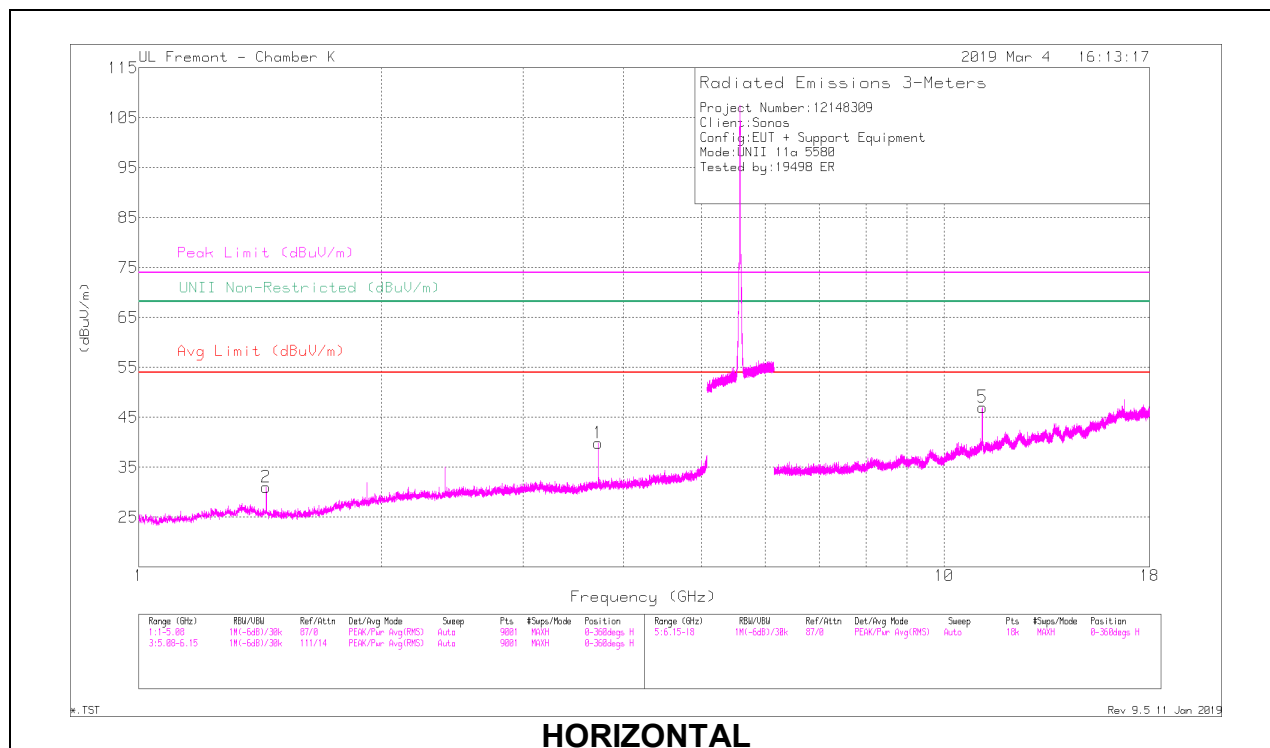


RADIATED EMISSIONS

Frequency (GHz)	Meas Reading (dBuV)	Det	AF PRE0189055 (dBm)	Amp/Cal/Fit/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	43.66	PK-U	30.4	-33.6	0	40.46	-	-	74	-33.54	-	-	158	118	H
* 3.667	36.98	ADR	30.4	-33.6	2.91	36.69	54	-17.31	-	-	-	-	158	118	H
* 1.439	42.33	PK-U	25.1	-35.8	0	31.63	-	-	74	-42.37	-	-	232	189	H
* 1.439	33.18	ADR	25.1	-35.8	2.91	25.39	54	-28.61	-	-	-	-	232	189	H
* 1.44	43.88	PK-U	25.1	-35.8	0	33.18	-	-	74	-40.82	-	-	199	216	V
* 1.44	35.74	ADR	25.1	-35.8	2.91	27.95	54	-26.05	-	-	-	-	199	216	V
* 3.667	47.17	PK-U	30.4	-33.6	0	43.97	-	-	74	-30.03	-	-	273	159	V
* 3.667	42.3	ADR	30.4	-33.6	2.91	42.01	54	-11.99	-	-	-	-	273	159	V
* 10.994	36.47	PK-U	39	-24.6	0	50.67	-	-	74	-23.13	-	-	243	213	H
* 10.997	23.76	ADR	39	-24.6	2.91	41.07	54	-12.93	-	-	-	-	243	213	H
* 11.004	34.32	PK-U	39	-24.5	0	48.82	-	-	74	-25.18	-	-	80	220	V
* 11.006	23.17	ADR	39	-24.5	2.91	40.58	54	-13.42	-	-	-	-	80	220	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

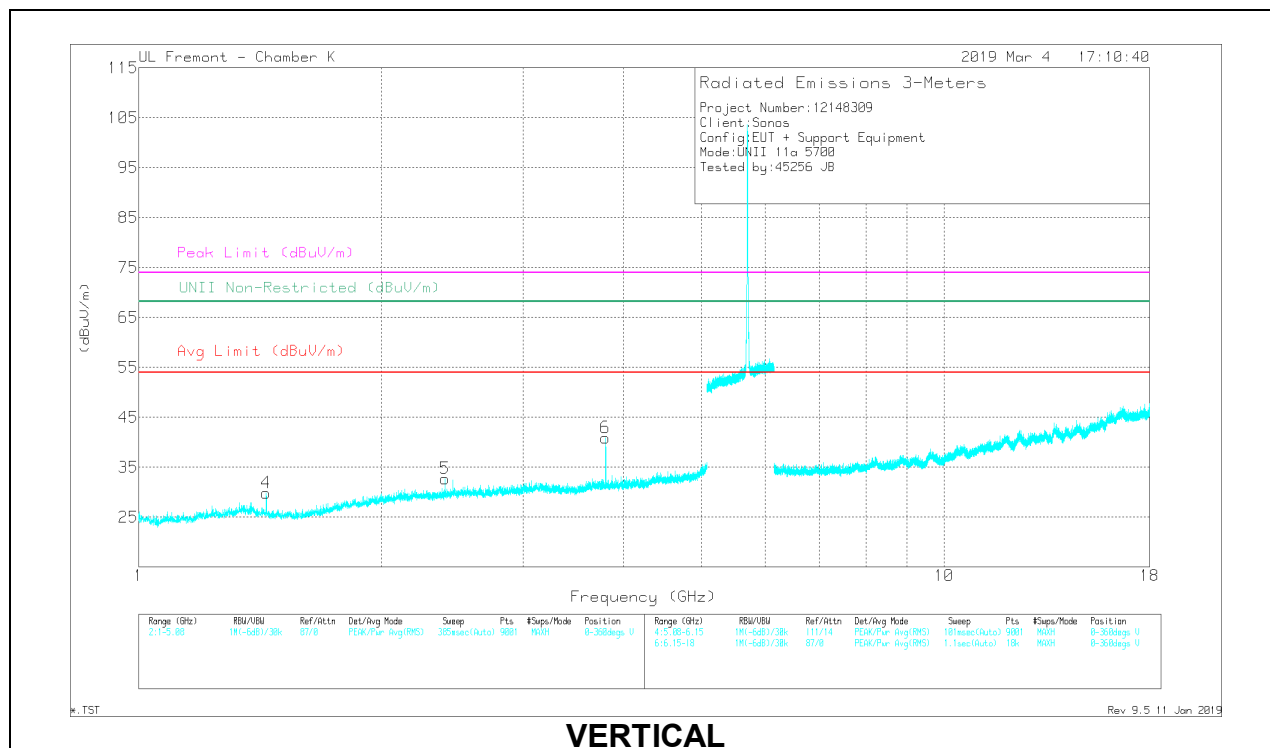
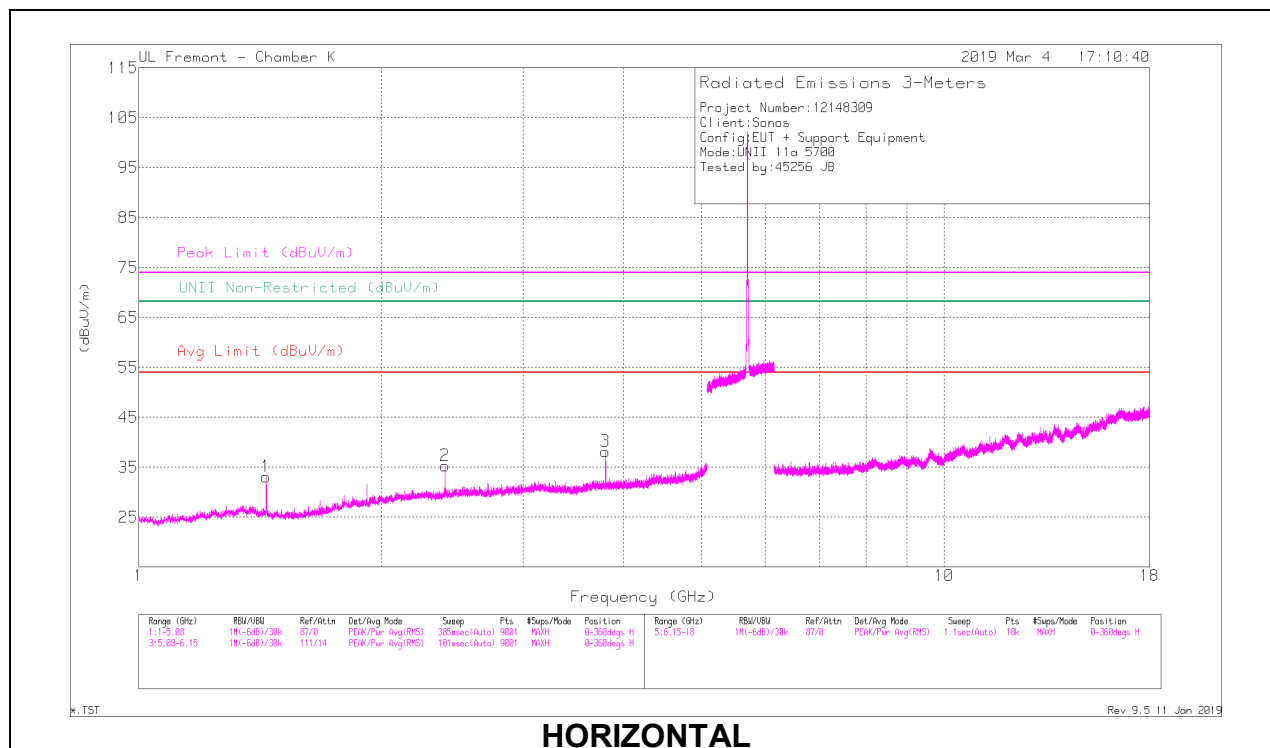


RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/Cal/Fix/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	42.53	PK-U	33.2	-32	0	43.73	-	-	74	-30.27	-	-	175	271	H
* 3.72	35.96	ADR	33.2	-32	2.91	40.07	54	-13.93	-	-	-	-	175	271	H
* 1.44	43.09	PK-U	28.5	-35.3	0	36.29	-	-	74	-37.71	-	-	114	199	H
* 1.44	36.46	ADR	28.5	-35.3	2.91	32.57	54	-21.43	-	-	-	-	114	199	H
* 1.44	43.17	PK-U	28.5	-35.3	0	36.37	-	-	74	-37.63	-	-	210	259	V
* 1.44	34.73	ADR	28.5	-35.3	2.91	30.84	54	-23.16	-	-	-	-	210	259	V
* 3.72	43.91	PK-U	33.2	-32	0	45.11	-	-	74	-28.89	-	-	213	122	V
* 3.72	37.18	ADR	33.2	-32	2.91	41.29	54	-12.71	-	-	-	-	213	122	V
* 11.158	40.56	PK-U	37.9	-21.3	0	57.16	-	-	74	-16.84	-	-	41	207	H
* 11.158	27.39	ADR	37.9	-21.3	2.91	46.9	54	-7.1	-	-	-	-	41	207	H
* 11.156	37.56	PK-U	37.9	-21.3	0	54.16	-	-	74	-19.84	-	-	281	180	V
* 11.156	26.39	ADR	37.9	-21.3	2.91	45.9	54	-8.1	-	-	-	-	281	180	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	AmpCable/PortPad (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
* 1.44	42.31	PK-U	28.5	-35.3	0	35.51	-	-	74	-38.49	-	-	224	102	H
* 1.44	36.05	ADR	28.5	-35.3	2.91	32.16	54	-21.84	-	-	-	-	224	102	H
* 3.8	41.01	PK-U	33.4	-31.8	0	42.61	-	-	74	-31.39	-	-	179	212	H
* 3.8	34.07	ADR	33.4	-31.8	2.91	38.58	54	-15.42	-	-	-	-	179	212	H
2.4	43.74	PK-U	32	-35	0	40.74	-	-	-	-	68.2	-27.46	345	167	H
* 1.44	42.24	PK-U	28.5	-35.3	0	35.44	-	-	74	-38.56	-	-	197	219	V
* 1.44	35.74	ADR	28.5	-35.3	2.91	31.85	54	-22.15	-	-	-	-	197	219	V
* 3.8	42.87	PK-U	33.4	-31.8	0	44.47	-	-	74	-29.53	-	-	212	140	V
* 3.8	35.87	ADR	33.4	-31.8	2.91	40.38	54	-13.62	-	-	-	-	212	140	V
2.4	41.12	PK-U	32	-35	0	38.12	-	-	-	-	68.2	-30.08	347	148	V

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

PK-U - U-NII: Maximum Peak

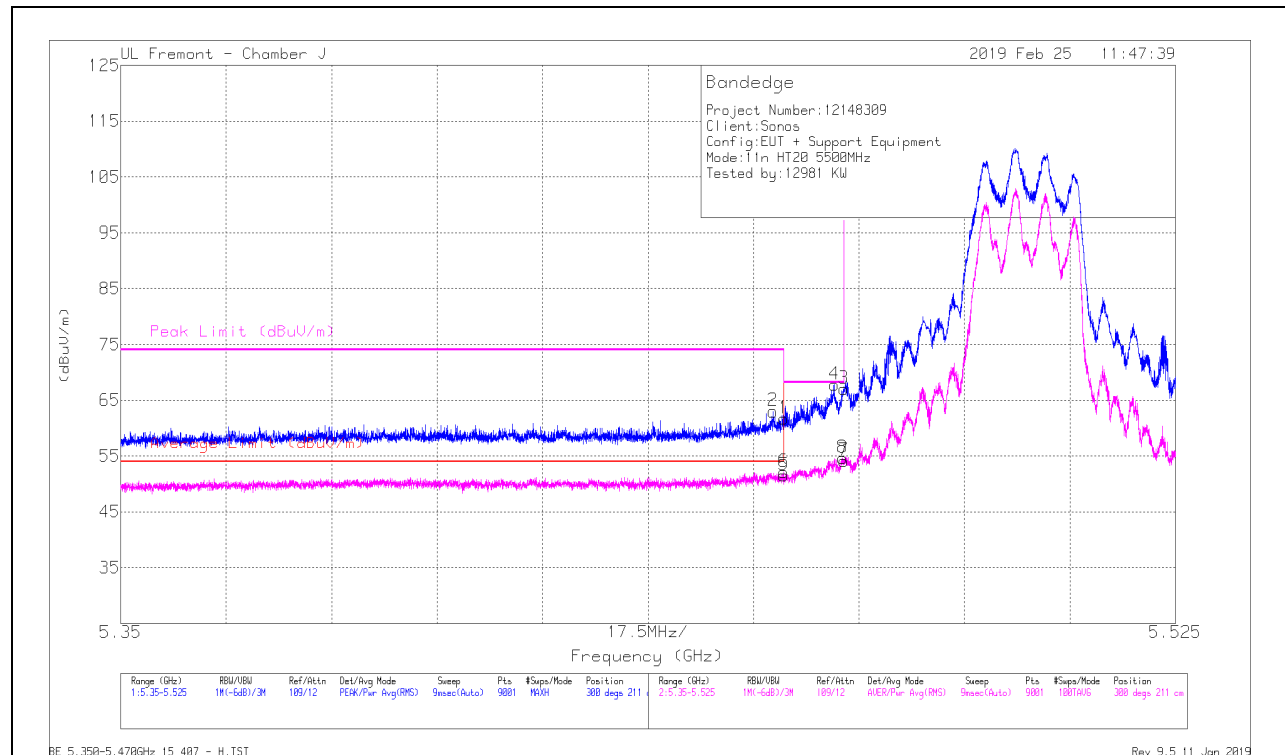
ADR - U-NII AD primary method, RMS average

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



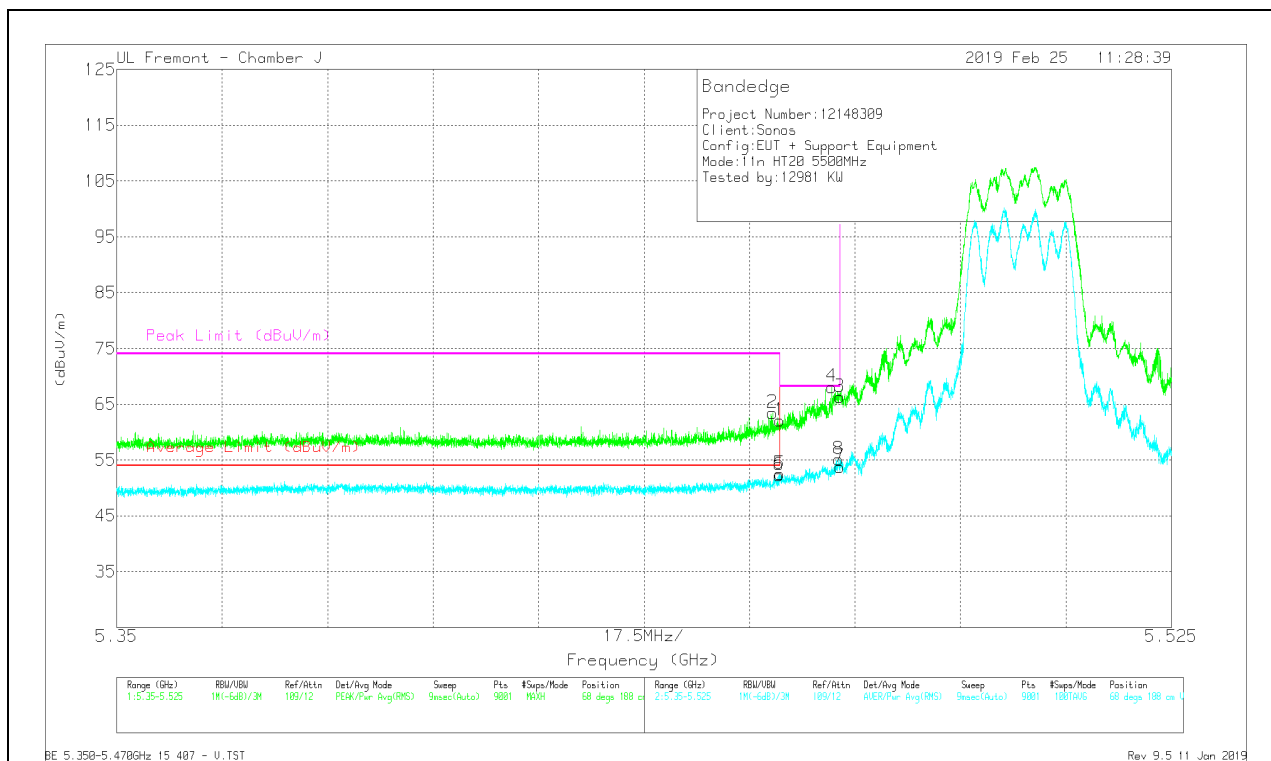
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Cbl/Filt/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	35.58	Pk	34.5	-8.4	0	61.68	-	-	74	-12.32	300	211	H
2	* 5.458	36.92	Pk	34.5	-8.4	0	63.02	-	-	74	-10.98	300	211	H
3	5.47	41.13	Pk	34.5	-8.6	0	67.03	-	-	68.2	-1.17	300	211	H
4	5.468	41.88	Pk	34.5	-8.6	0	67.78	-	-	68.2	-4.2	300	211	H
5	* 5.46	22.89	RMS	34.5	-8.4	2.5	51.49	54	-2.51	-	-	300	211	H
6	* 5.46	23.54	RMS	34.5	-8.4	2.5	52.14	54	-1.86	-	-	300	211	H
7	5.47	25.78	RMS	34.5	-8.6	2.5	54.18	-	-	-	-	300	211	H
8	5.47	26.24	RMS	34.5	-8.6	2.5	54.64	-	-	-	-	300	211	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/CM/Filtr/Par d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	35.97	Pk	34.5	-8.4	0	62.07	-	-	74	-11.93	68	188	V
2	* 5.459	37.35	Pk	34.5	-8.4	0	63.45	-	-	74	-10.55	68	188	V
3	5.47	40.39	Pk	34.5	-8.6	0	66.29	-	-	68.2	-1.91	68	188	V
4	5.469	42.21	Pk	34.5	-8.6	0	68.11	-	-	68.2	-0.09	68	188	V
5	* 5.46	23.88	RMS	34.5	-8.4	2.5	52.48	54	-1.52	-	-	68	188	V
6	* 5.46	23.64	RMS	34.5	-8.4	2.5	52.24	54	-1.76	-	-	68	188	V
7	5.47	25.41	RMS	34.5	-8.6	2.5	53.81	-	-	-	-	68	188	V
8	5.47	26.77	RMS	34.5	-8.6	2.5	55.17	-	-	-	-	68	188	V

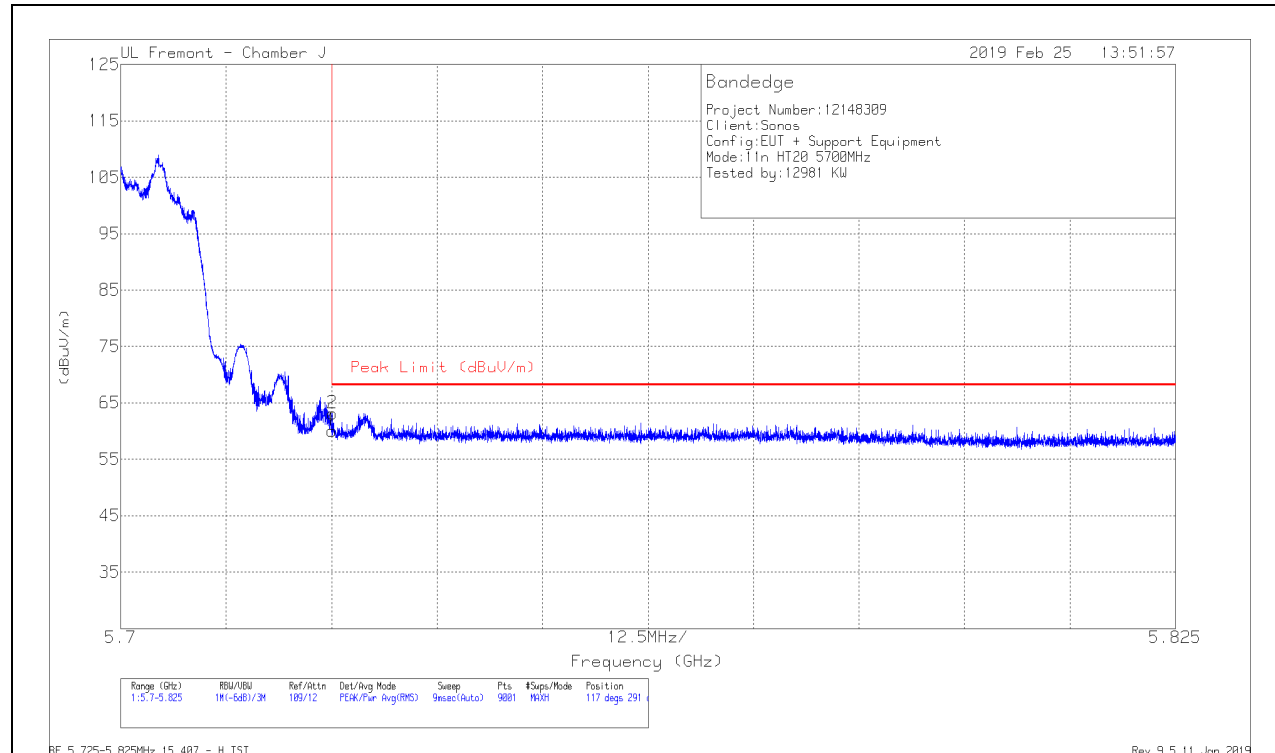
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

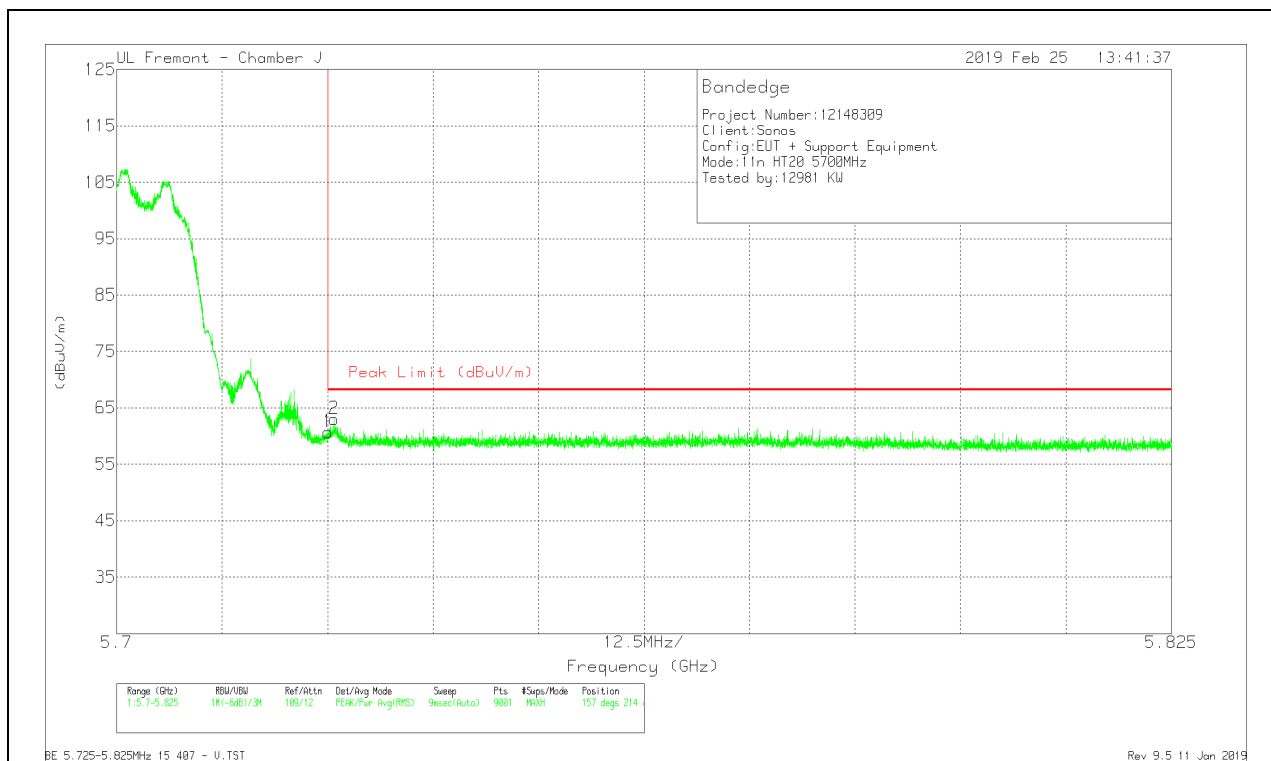
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	33.52	Pk	34.7	-8.2	0	60.02	68.2	-8.18	117	291	H
2	5.725	36.69	Pk	34.7	-8.2	0	63.19	68.2	-5.01	117	291	H

Pk - Peak detector

VERTICAL RESULT

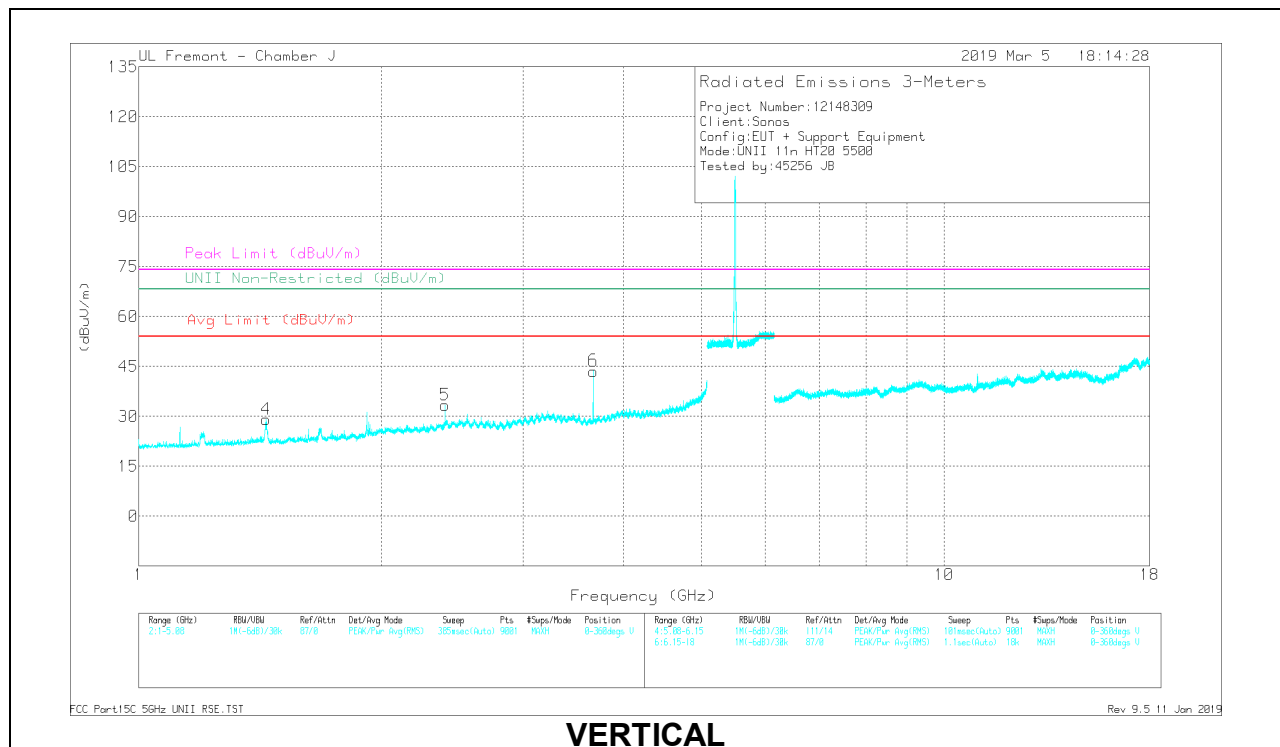
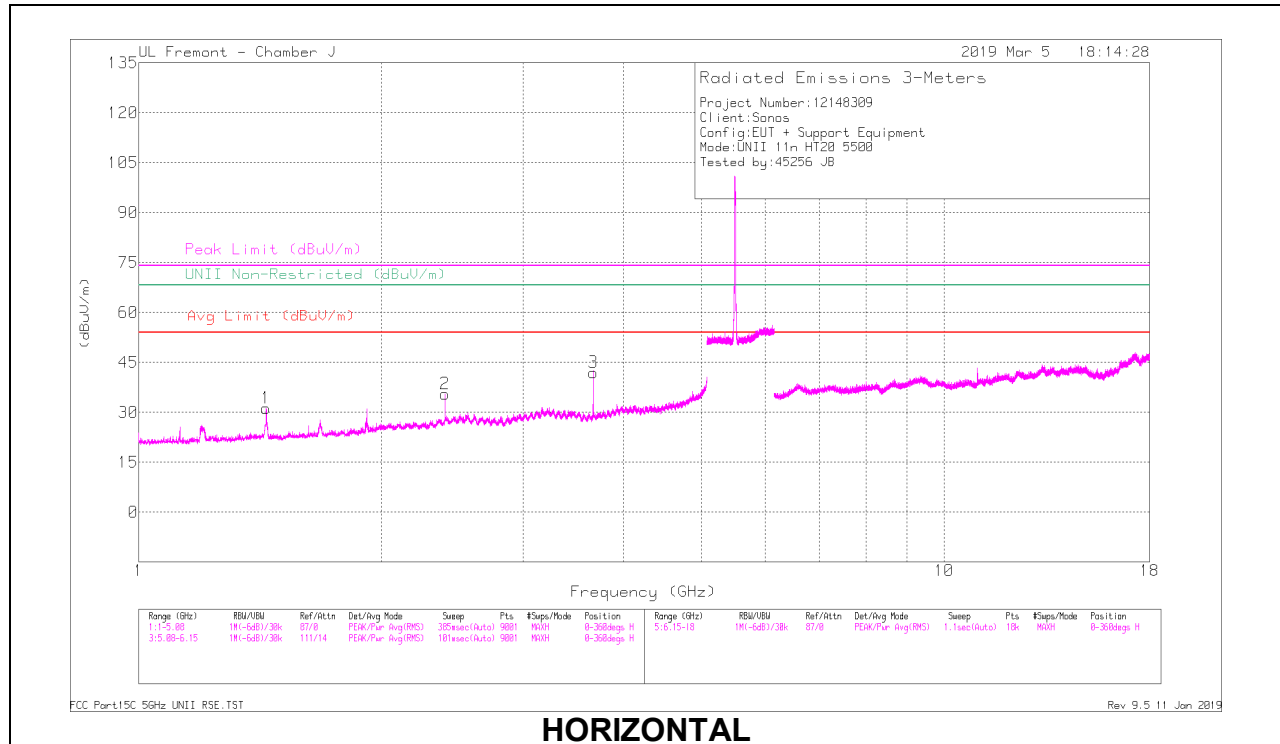


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dB/m)	Amp/Cb/Filter/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	34.14	Pk	34.7	-8.2	0	60.64	68.2	-7.56	157	214	V
2	5.726	36.46	Pk	34.7	-8.2	0	62.96	68.2	-5.24	157	214	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

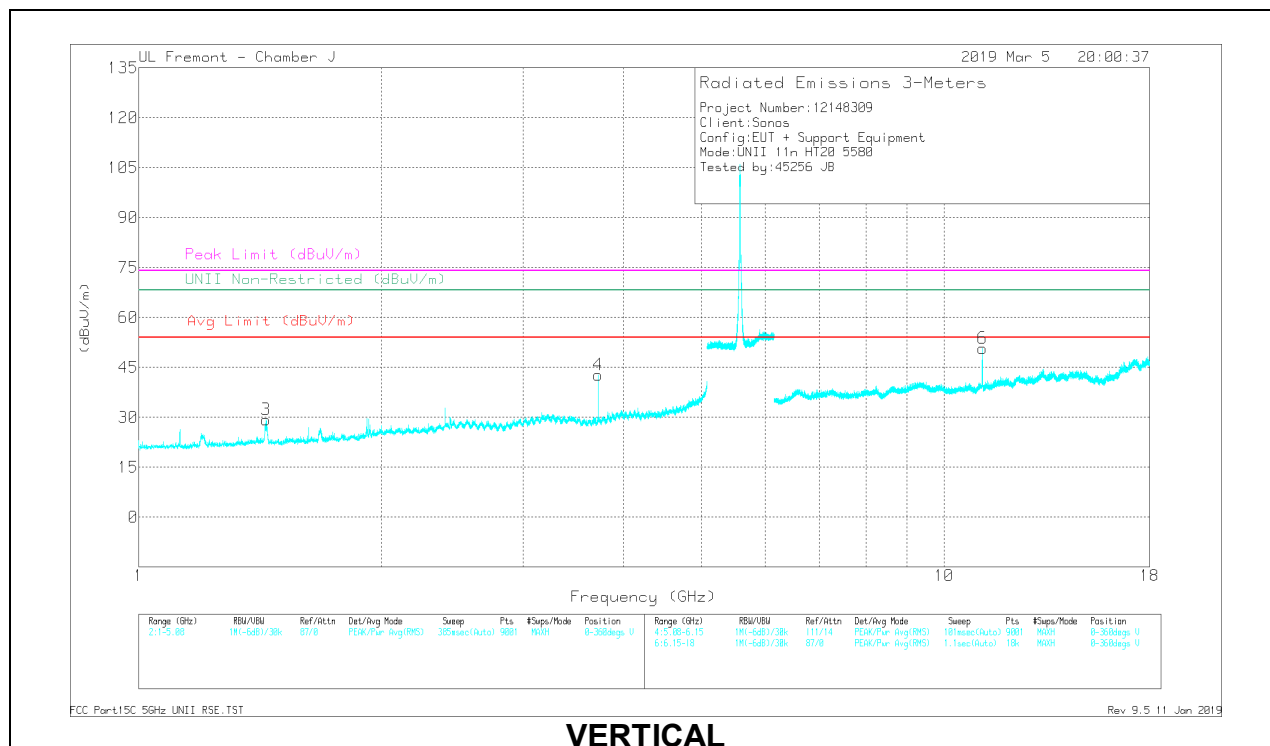
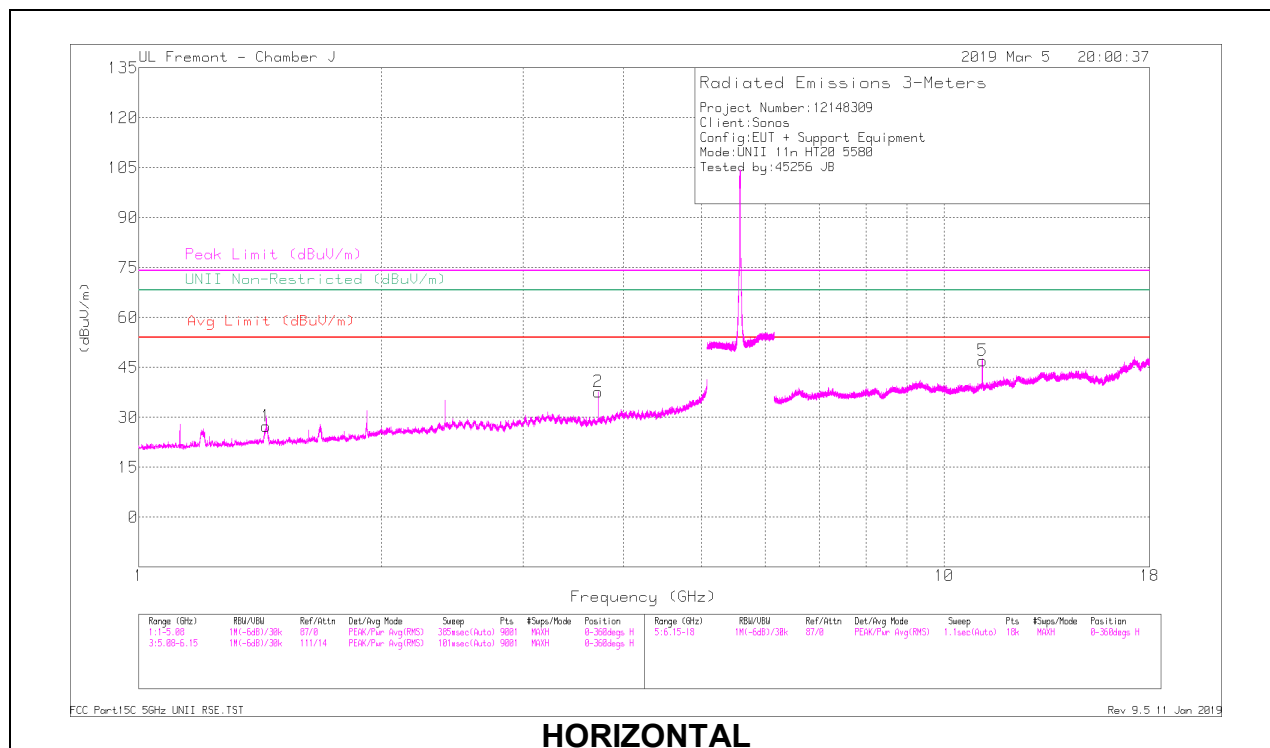
Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F1orPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	46.57	PK-U	29.6	-35.5	0	40.67	-	-	-	-	68.2	-27.53	158	197	H
* 1.439	51.68	PK-U	25.1	-35.9	0	40.88	-	-	74	-33.12	-	-	155	213	H
* 1.44	40.33	ADR	25.1	-33.8	2.5	32.13	54	-21.87	-	-	-	-	155	213	H
* 3.667	47.84	PK-U	30.4	-33.6	0	44.64	-	-	74	-29.36	-	-	253	239	H
* 3.667	41.6	ADR	30.4	-33.6	2.5	40.9	54	-13.1	-	-	-	-	253	239	H
2.4	45	PK-U	29.6	-35.5	0	39.1	-	-	-	-	68.2	-29.1	54	199	V
* 1.439	51.49	PK-U	25.1	-35.9	0	40.69	-	-	74	-33.31	-	-	340	215	V
* 1.44	38.43	ADR	25.1	-35.8	2.5	30.23	54	-23.77	-	-	-	-	340	215	V
* 3.667	50.15	PK-U	30.4	-33.6	0	46.95	-	-	74	-27.05	-	-	348	133	V
* 3.667	44.44	ADR	30.4	-33.6	2.5	43.74	54	-10.26	-	-	-	-	348	133	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

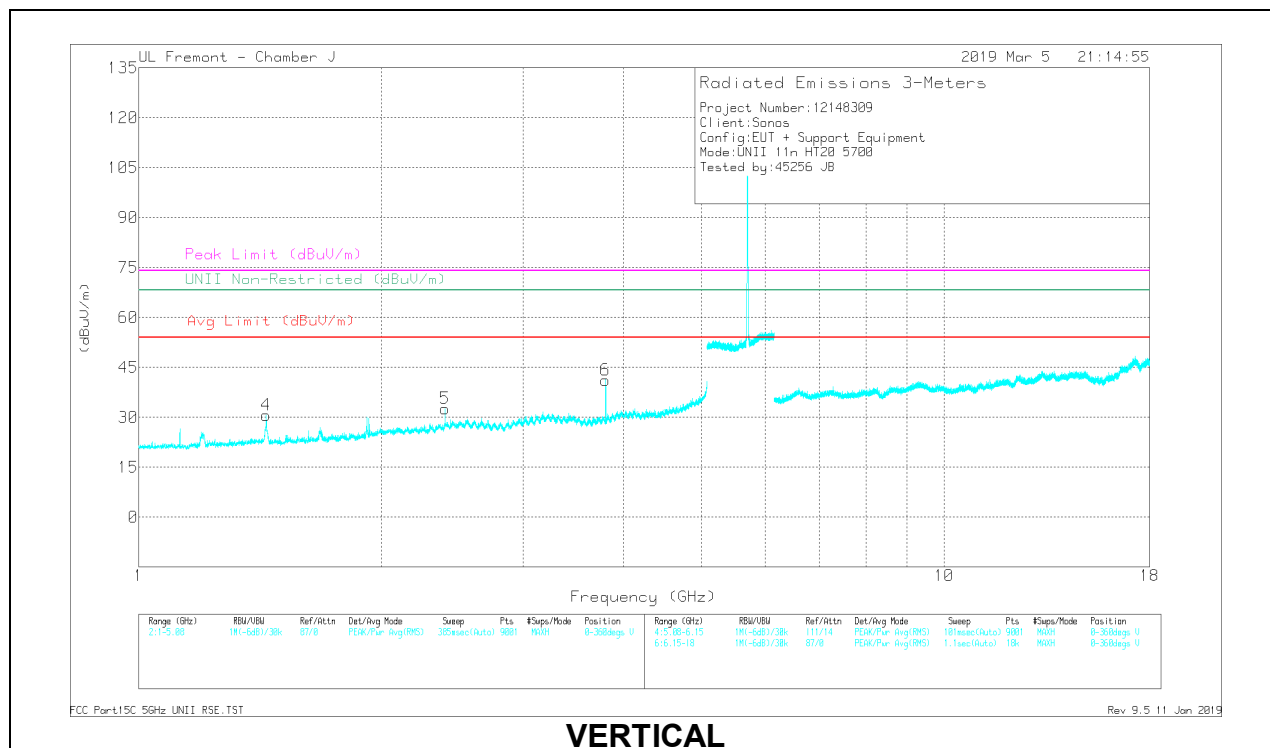
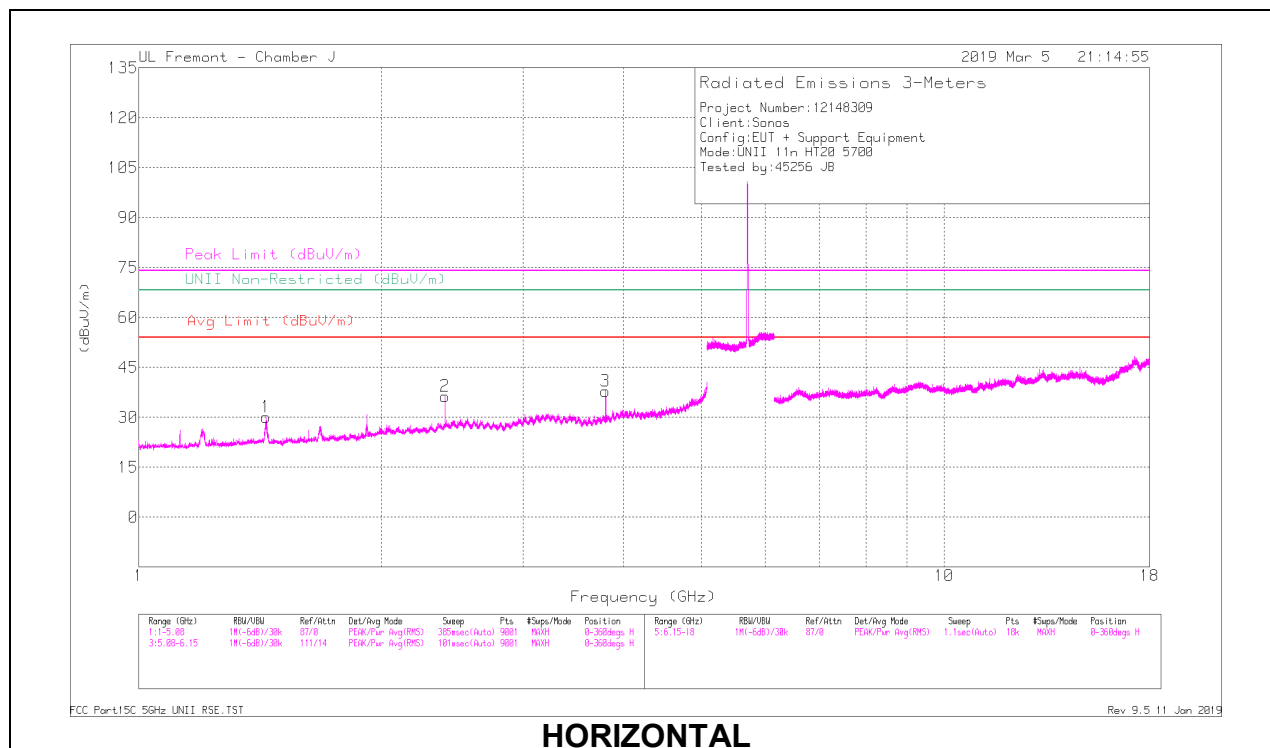


RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE018955 (dBm)	AmpCst/Fst/Pd (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
* 1.439	51.48	PK-U	25.1	-35.9	0	40.68	-	-	74	-33.32	-	-	152	213	H
* 1.44	40.34	ADR	25.1	-35.8	2.5	32.14	54	-21.86	-	-	-	-	152	213	H
* 3.72	43.97	PK-U	30.6	-33.3	0	41.27	-	-	74	-32.73	-	-	329	105	H
* 3.72	37.23	ADR	30.6	-33.3	2.5	37.03	54	-16.97	-	-	-	-	329	105	H
* 1.439	48.7	PK-U	25.1	-36.9	0	37.9	-	-	74	-36.1	-	-	204	142	V
* 1.44	38.3	ADR	25.1	-36.8	2.5	30.1	54	-23.9	-	-	-	-	204	142	V
* 3.72	47.5	PK-U	30.6	-33.3	0	44.8	-	-	74	-29.2	-	-	293	105	V
* 3.72	39.28	ADR	30.6	-33.3	2.5	39.08	54	-14.92	-	-	-	-	293	105	V
* 11.164	42.06	PK-U	39.1	-24.2	0	56.96	-	-	74	-17.04	-	-	90	105	H
* 11.164	29.05	ADR	39.1	-24.2	2.5	46.45	54	-7.55	-	-	-	-	90	105	H
* 11.16	40.58	PK-U	39.1	-24.2	0	55.48	-	-	74	-18.52	-	-	113	106	V
* 11.159	28.92	ADR	39.1	-24.2	2.5	46.32	54	-7.68	-	-	-	-	113	106	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK-U - U-NII: Maximum Peak
ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Measr Reading (dBuV)	Det	AF PRE5189055 (dBm)	AmpCts/F1orPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	45.72	PK-U	29.6	-35.5	0	39.82	-	-	-	-	68.2	-28.38	156	199	H
* 1.438	51.65	PK-U	25.1	-35.9	0	40.85	-	-	74	-33.15	-	-	158	140	H
* 1.44	39.89	ADR	25.1	-32.8	2.5	31.69	54	-22.31	-	-	-	-	158	140	H
* 3.8	43.95	PK-U	31	-32.8	0	42.15	-	-	74	-31.85	-	-	254	192	H
* 3.8	36.97	ADR	31	-32.8	2.5	37.67	54	-16.33	-	-	-	-	254	192	H
2.4	45.08	PK-U	29.6	-35.5	0	39.18	-	-	-	-	68.2	-29.02	55	199	V
* 1.44	49.63	PK-U	25.1	-35.8	0	38.93	-	-	74	-35.07	-	-	206	109	V
* 1.44	37.83	ADR	25.1	-35.8	2.5	29.73	54	-24.27	-	-	-	-	206	109	V
* 3.8	45	PK-U	31	-32.8	0	43.2	-	-	74	-30.8	-	-	347	104	V
* 3.8	38.07	ADR	31	-32.8	2.5	38.77	54	-15.23	-	-	-	-	347	104	V

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

PK-U - U-NII: Maximum Peak

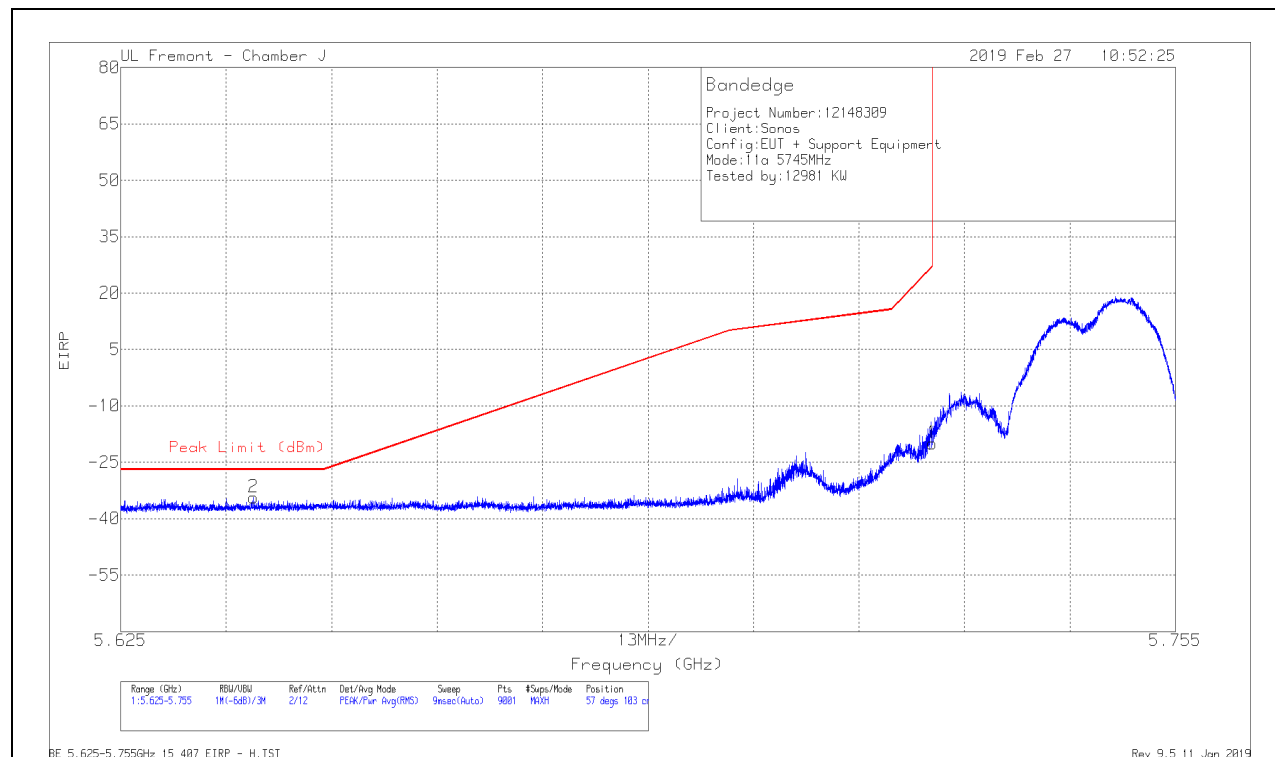
ADR - U-NII AD primary method, RMS average

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)

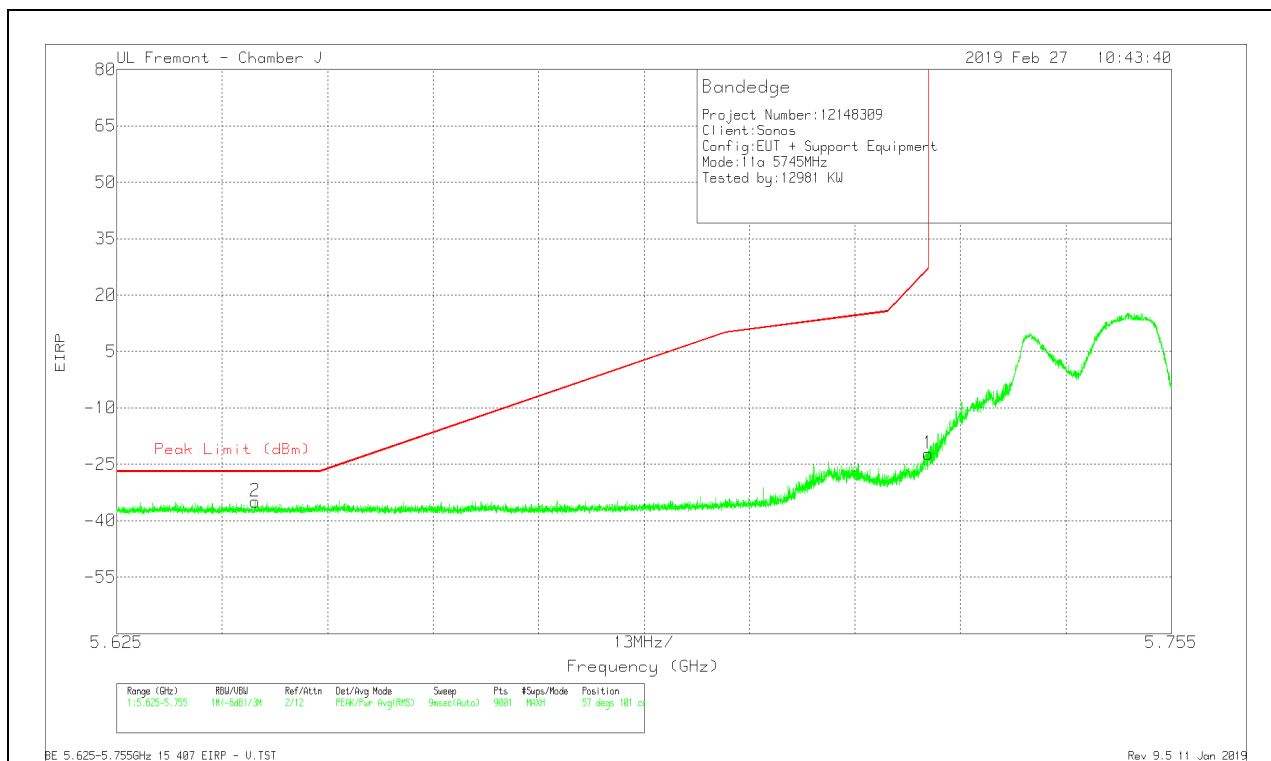
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-58.3	Pk	34.7	-8.2	11.8	-20	26.99	-46.99	57	103	H
2	5.641	-72.78	Pk	34.6	-8	11.8	-34.38	-27	-7.38	57	103	H

Pk - Peak detector

VERTICAL RESULT

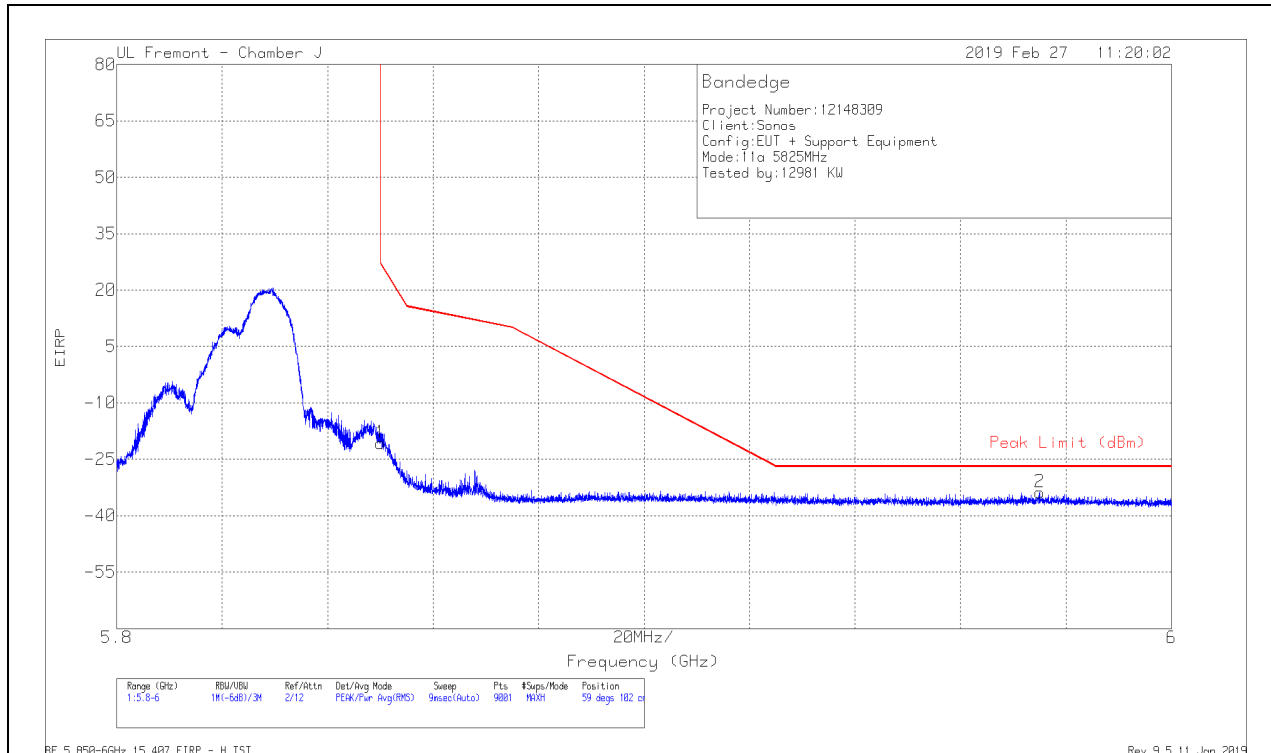


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cb/Filter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.42	Pk	34.7	-8.2	11.8	-22.12	26.99	-49.11	57	101	V
2	5.642	-73.27	Pk	34.6	-8	11.8	-34.87	-27	-7.87	57	101	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

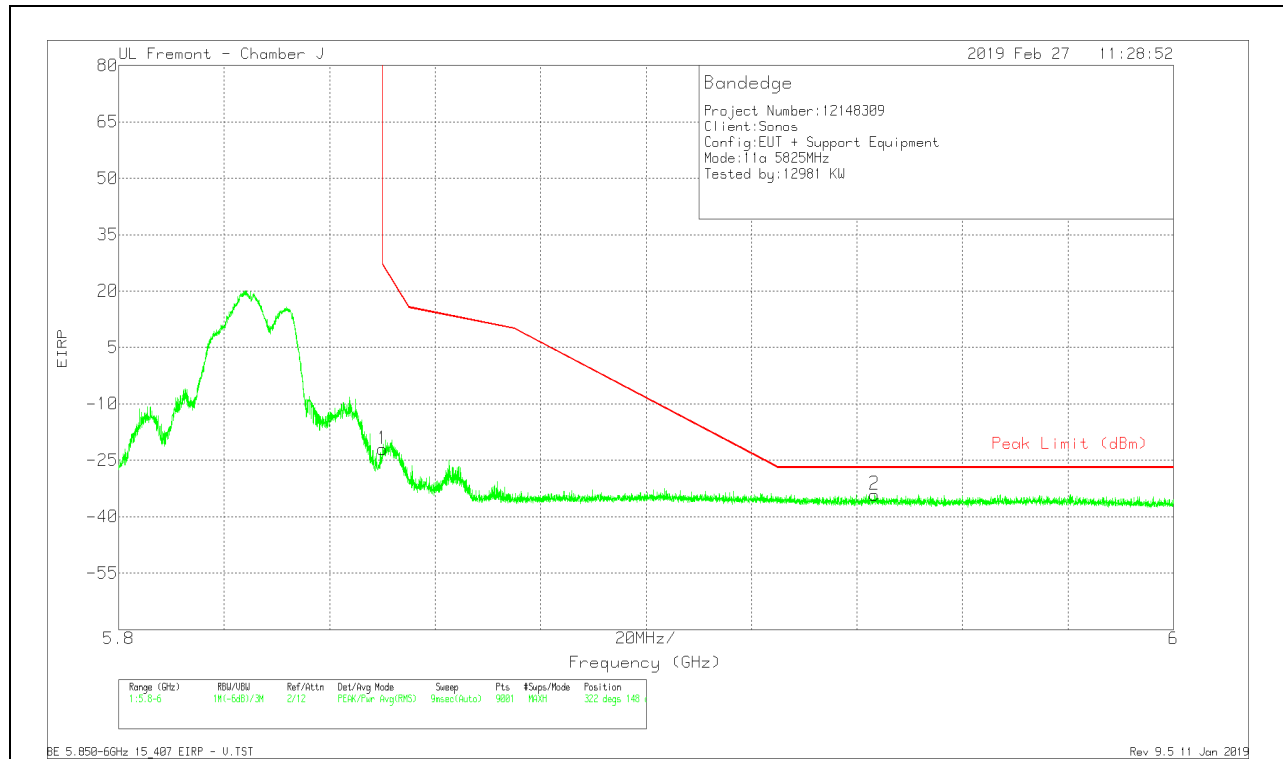
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.42	Pk	34.8	-7.9	11.8	-20.72	26.95	-47.67	59	102	H
2	5.975	-72.98	Pk	35	-7.7	11.8	-33.88	-27	-6.88	59	102	H

Pk - Peak detector

VERTICAL RESULT

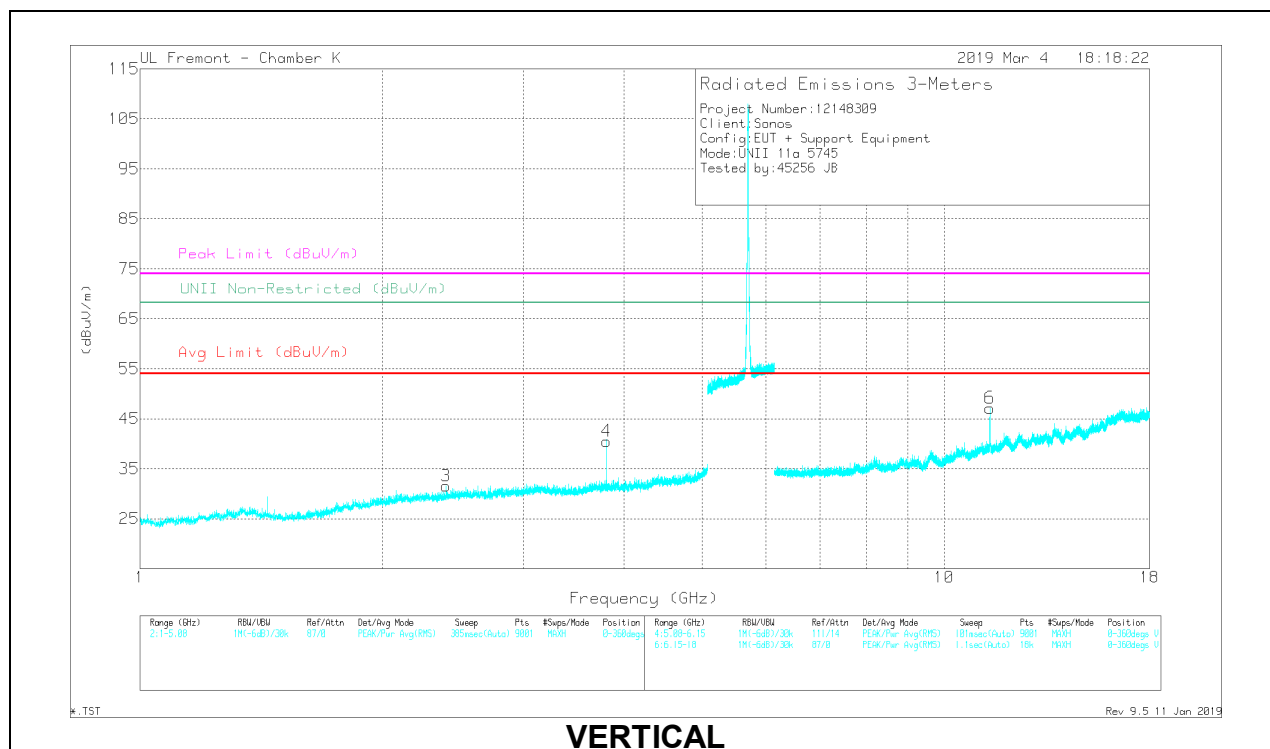
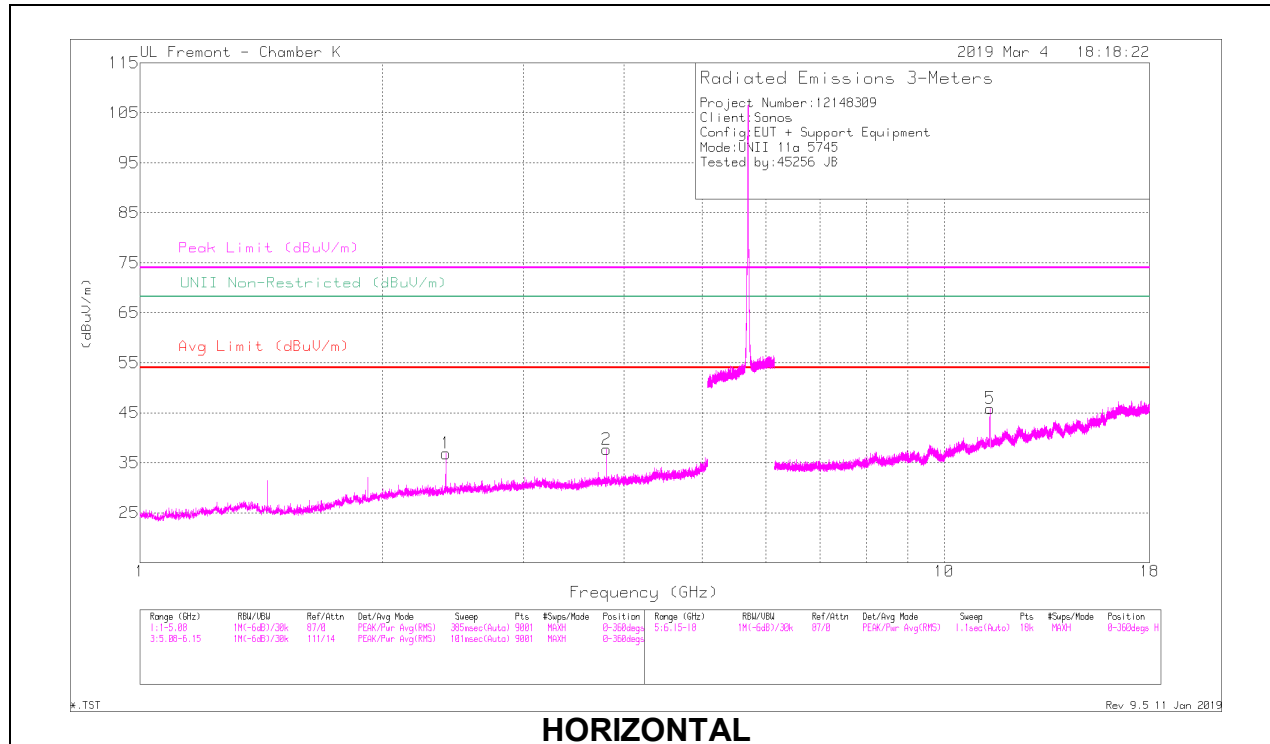


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cb/Filter/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.75	Pk	34.8	-7.9	11.8	-22.05	26.95	-49	322	148	V
2	5.943	-72.78	Pk	34.9	-8	11.8	-34.08	-27	-7.08	322	148	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

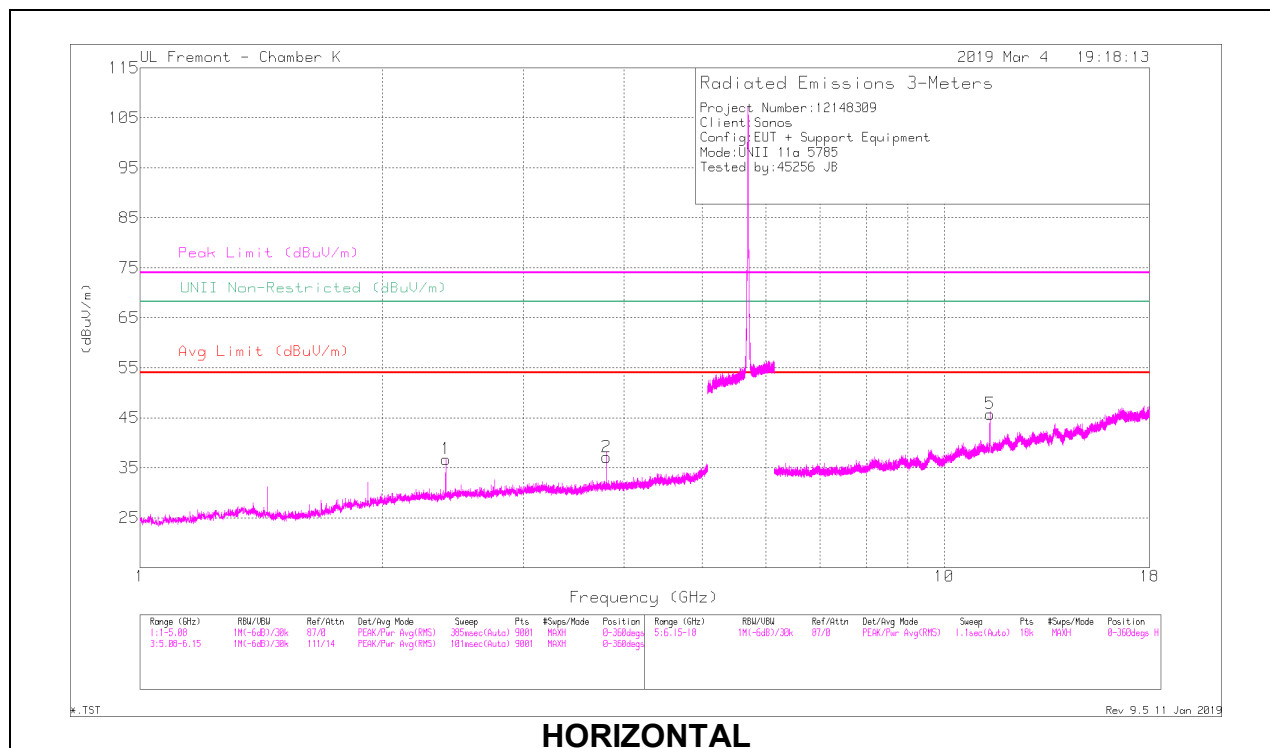
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/CoF/TrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.8	41.14	PK-U	33.4	-31.8	0	42.74	-	-	74	-31.26	-	-	177	229	H
* 3.8	33.51	ADR	33.4	-31.8	2.91	38.02	54	-15.98	-	-	-	-	177	229	H
2.4	43.88	PK-U	32	-35	0	40.88	-	-	-	-	68.2	-27.32	350	167	H
* 3.8	41.83	PK-U	33.4	-31.8	0	43.43	-	-	74	-30.57	-	-	275	101	V
* 3.8	35.3	ADR	33.4	-31.8	2.91	39.81	54	-14.19	-	-	-	-	275	101	V
2.4	41.34	PK-U	32	-35	0	38.34	-	-	-	-	68.2	-29.86	353	220	V
* 11.403	37.46	PK-U	38	-21.1	0	54.36	-	-	74	-19.64	-	-	249	124	H
* 11.401	25.03	ADR	38	-21.1	2.91	44.84	54	-9.16	-	-	-	-	249	124	H
* 11.398	39.53	PK-U	38	-21.1	0	58.43	-	-	74	-17.57	-	-	315	126	V
* 11.399	28.12	ADR	38	-21.1	2.91	47.93	54	-6.07	-	-	-	-	315	126	V

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

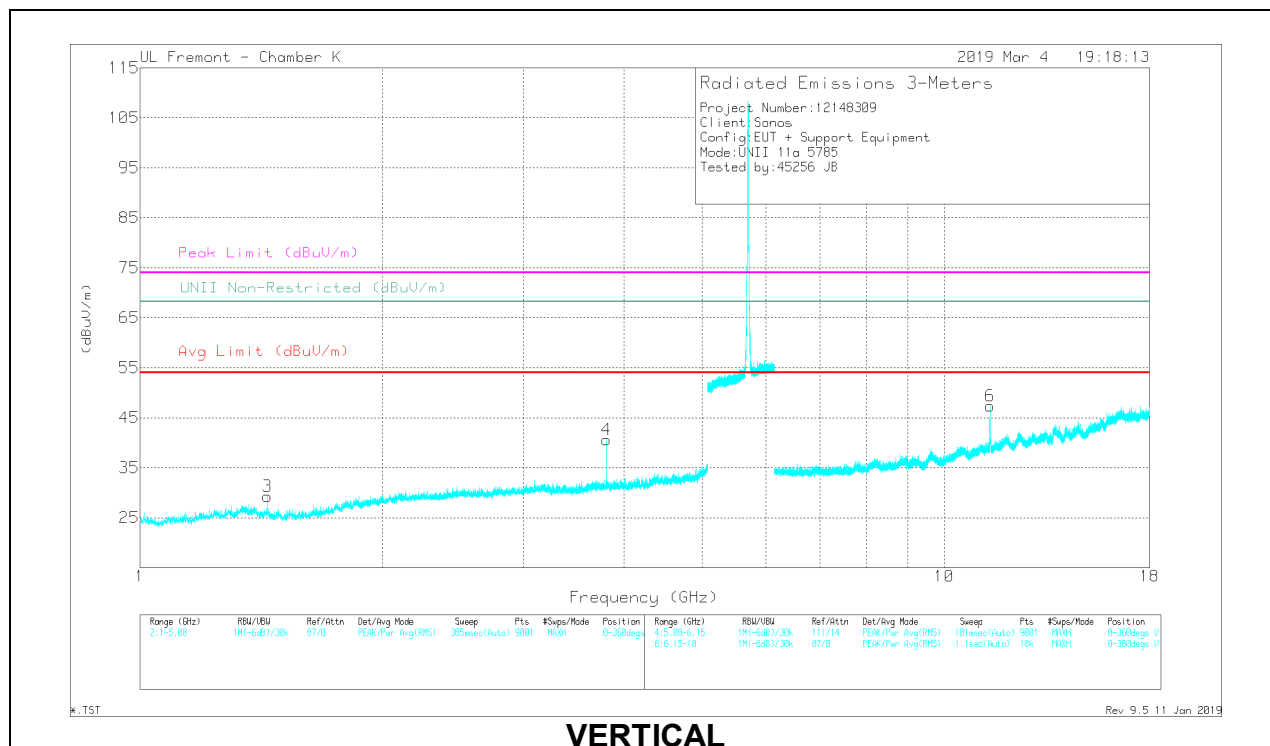
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

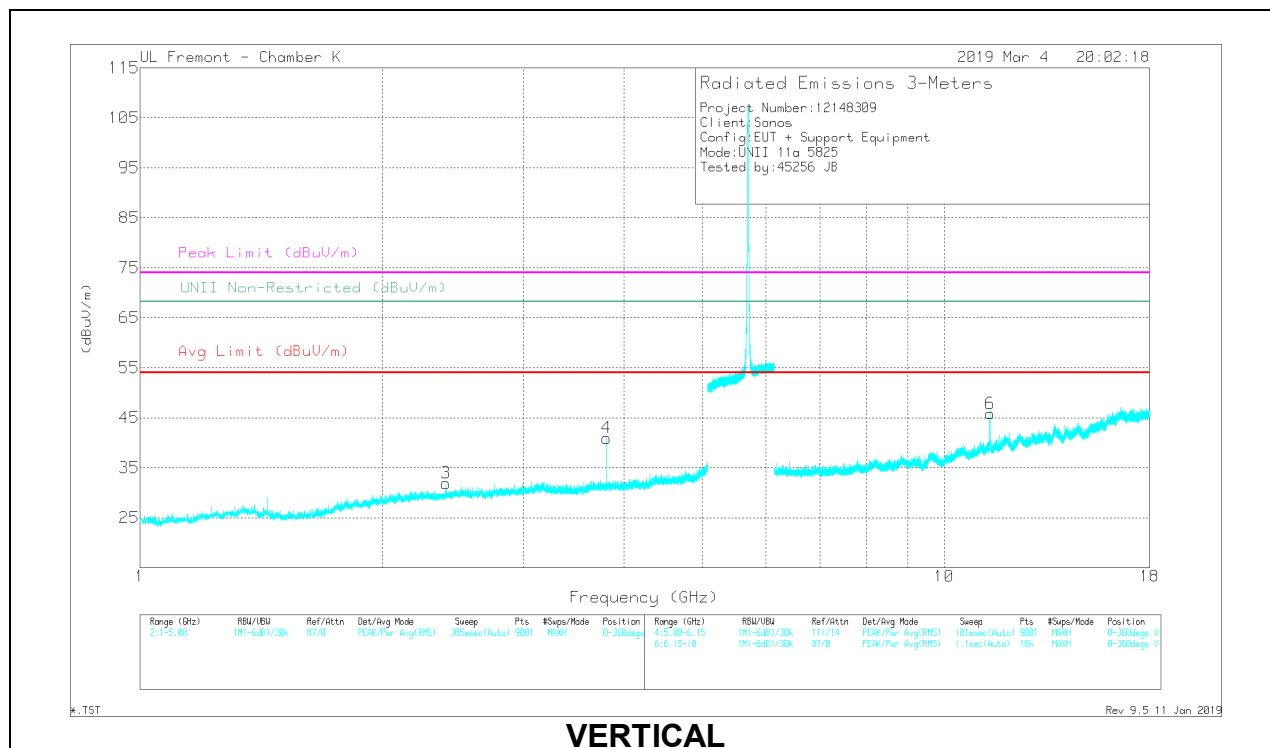
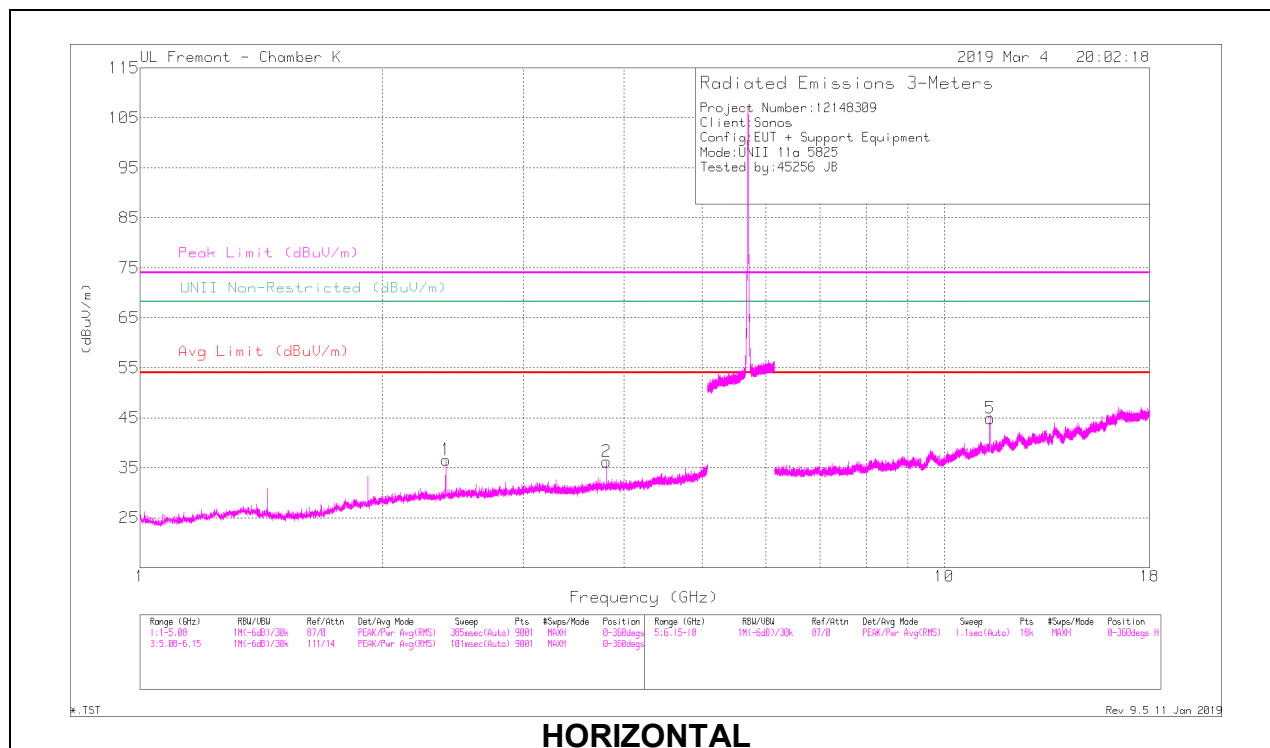
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T344 (dBm)	Amp/Coef/TrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	44.29	PK-U	32	-35	0	41.29	-	-	-	-	68.2	-26.91	0	170	H
* 3.8	41.42	PK-U	33.4	-31.8	0	43.02	-	-	74	-30.98	-	-	181	210	H
* 3.8	34.18	ADR	33.4	-31.8	2.91	38.69	54	-15.31	-	-	-	-	181	210	H
* 1.44	42.11	PK-U	28.5	-35.3	0	35.31	-	-	74	-38.69	-	-	196	201	V
* 1.44	35.01	ADR	28.5	-35.3	2.91	31.12	54	-22.88	-	-	-	-	196	201	V
* 3.8	41.68	PK-U	33.4	-31.8	0	43.28	-	-	74	-30.72	-	-	268	104	V
* 3.8	34.65	ADR	33.4	-31.8	2.91	39.16	54	-14.84	-	-	-	-	268	104	V
* 11.403	37.08	PK-U	38	-21.1	0	53.98	-	-	74	-20.02	-	-	249	108	H
* 11.408	24.07	ADR	38	-21.1	2.91	43.88	54	-10.12	-	-	-	-	249	108	H
* 11.401	37.75	PK-U	38	-21.1	0	54.65	-	-	74	-19.35	-	-	264	211	V
* 11.401	24.9	ADR	38	-21.1	2.91	44.71	54	-9.29	-	-	-	-	264	211	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

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T344 (dBm)	Amp/Coef/TrPad (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
2.4	44.13	PK-U	32	-35	0	41.13	-	-	-	-	68.2	-27.07	355	170	H
* 3.8	41.46	PK-U	33.4	-31.8	0	43.06	-	-	74	-30.94	-	-	178	209	H
* 3.8	34.16	ADR	33.4	-31.8	2.91	33.67	54	-15.33	-	-	-	-	178	209	H
2.4	43.03	PK-U	32	-35	0	40.03	-	-	-	-	68.2	-28.17	212	309	V
* 3.8	41.79	PK-U	33.4	-31.8	0	43.39	-	-	74	-30.61	-	-	215	165	V
* 3.8	35.49	ADR	33.4	-31.8	2.91	40	54	-14	-	-	-	-	215	165	V
* 11.403	36.13	PK-U	38	-21.1	0	53.03	-	-	74	-20.97	-	-	247	106	H
* 11.406	23.83	ADR	38	-21.1	2.91	43.64	54	-10.36	-	-	-	-	247	106	H
* 11.401	38.98	PK-U	38	-21.1	0	55.88	-	-	74	-18.12	-	-	317	124	V
* 11.4	27	ADR	38	-21.1	2.91	46.61	54	-7.19	-	-	-	-	317	124	V

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

PK-U - U-NII: Maximum Peak

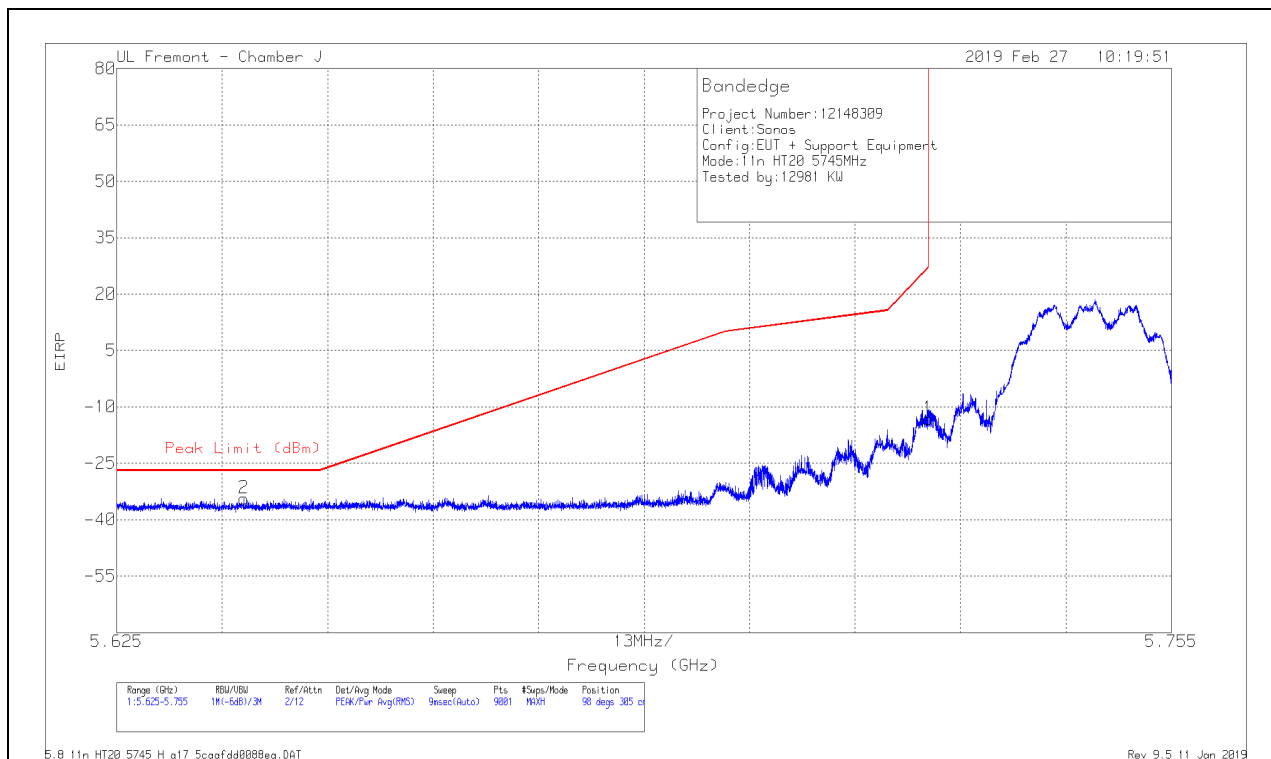
ADR - U-NII AD primary method, RMS average

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)

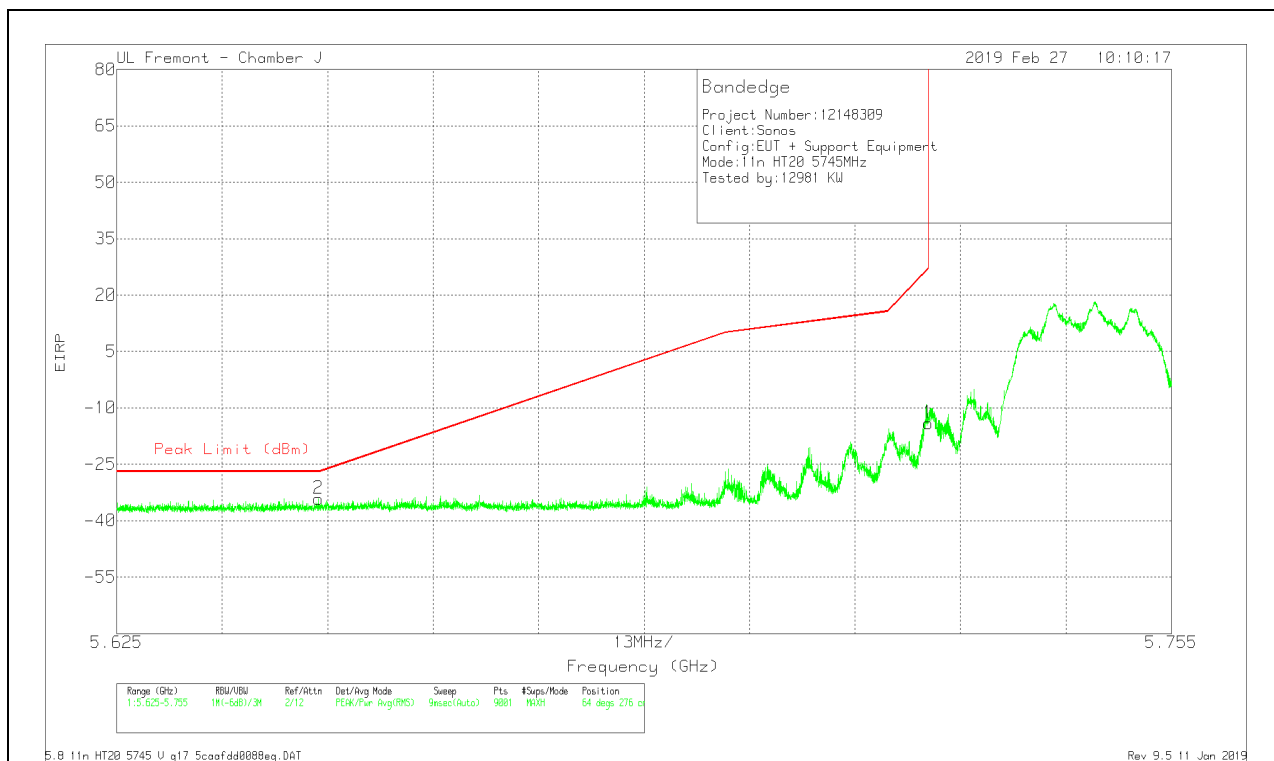
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-51.43	Pk	34.7	-8.2	11.8	-13.13	26.99	-40.12	98	305	H
2	5.641	-72.69	Pk	34.6	-8	11.8	-34.29	-27	-7.29	98	305	H

Pk - Peak detector

VERTICAL RESULT

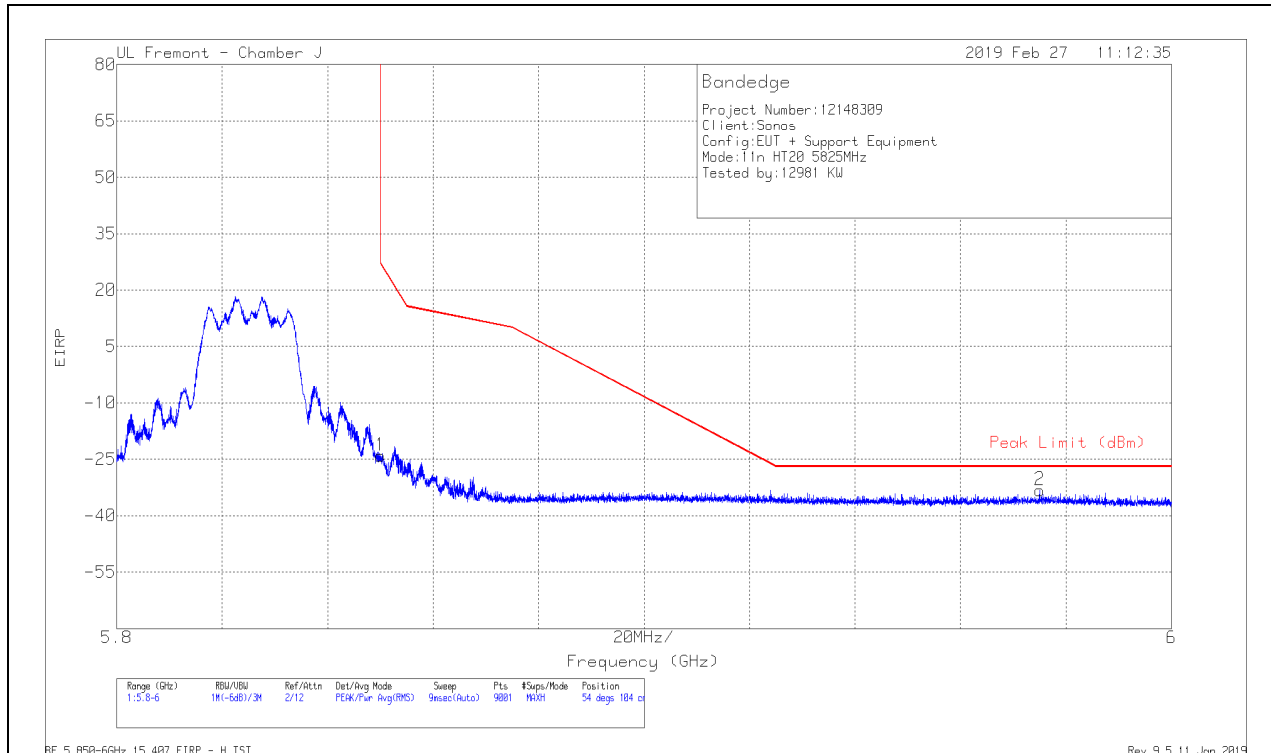


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cb/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-52.38	Pk	34.7	-8.2	11.8	-14.08	26.99	-41.07	64	276	V
2	5.65	-72.61	Pk	34.6	-7.9	11.8	-34.11	-27	-7.11	64	276	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

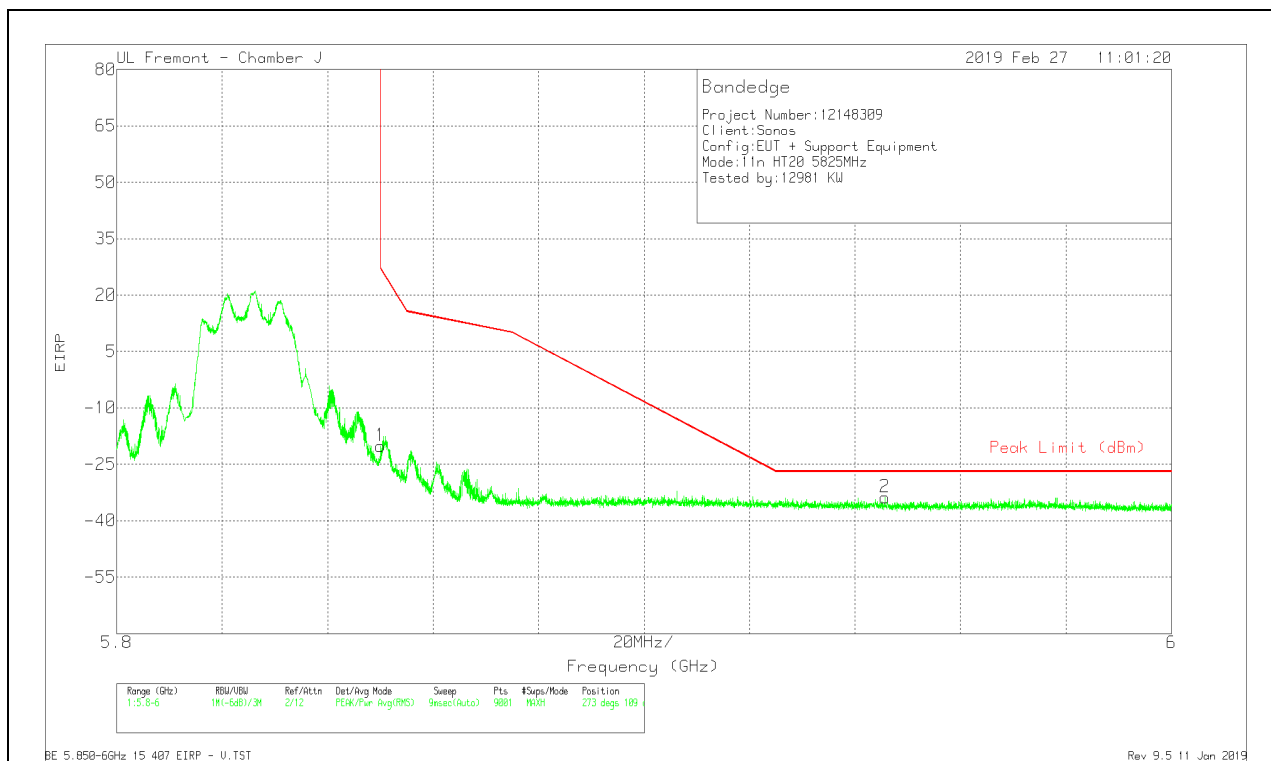
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cbl/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-62.68	Pk	34.8	-7.9	11.8	-23.98	26.95	-50.93	54	104	H
2	5.975	-72.26	Pk	35	-7.7	11.8	-33.16	-27	-6.16	54	104	H

Pk - Peak detector

VERTICAL RESULT

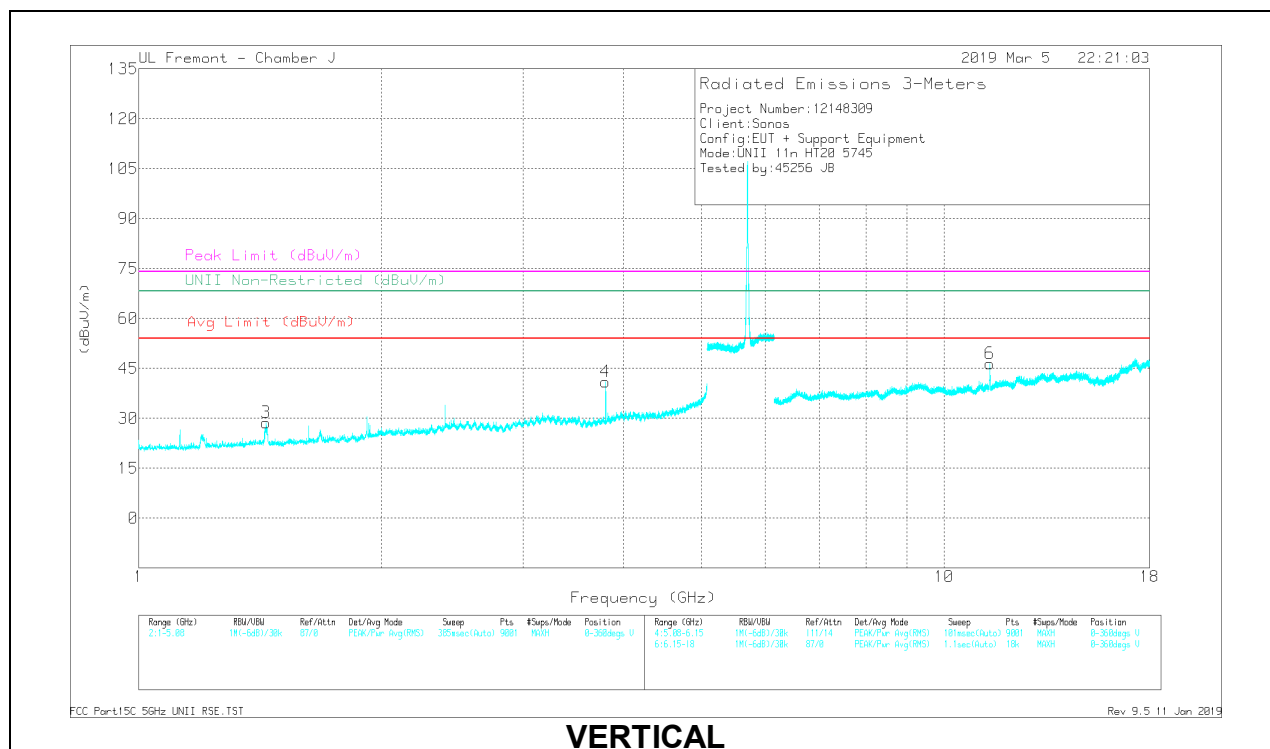
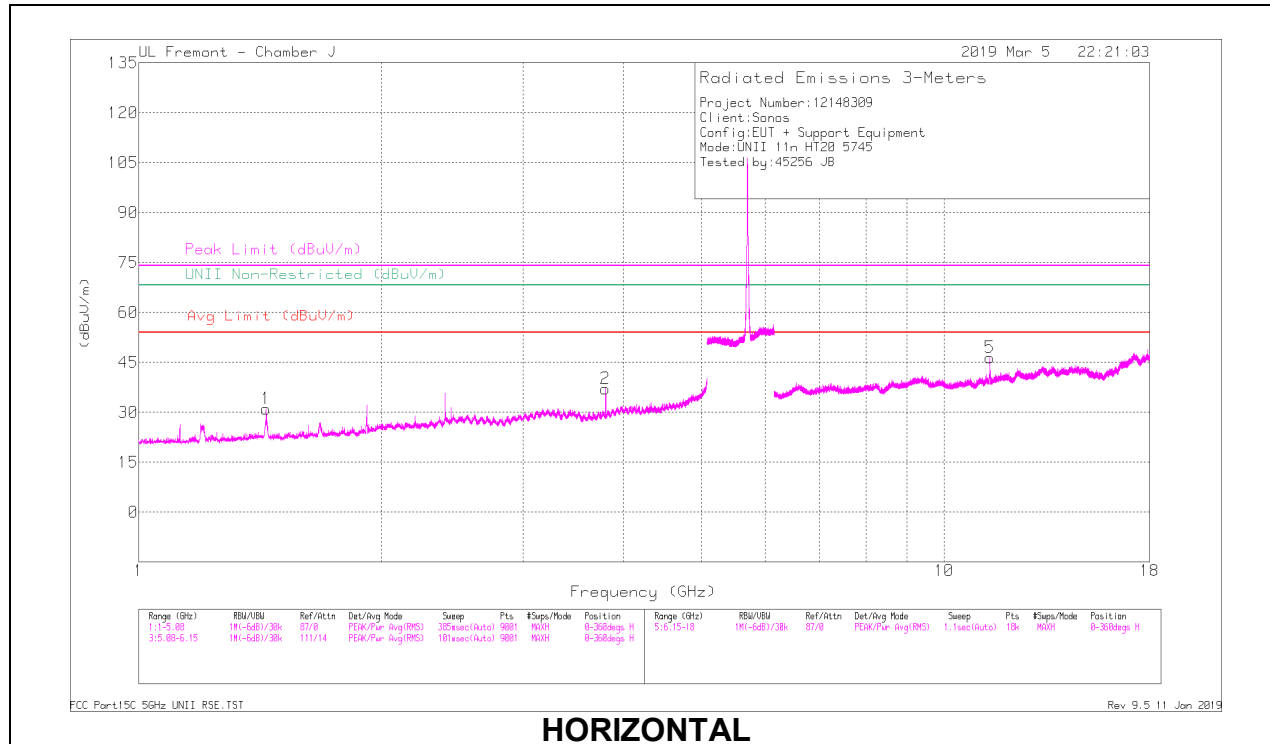


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF AT0067 (dB/m)	Amp/Cb/Fit r/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.89	Pk	34.8	-7.9	11.8	-20.19	26.95	-47.14	273	109	V
2	5.946	-72.68	Pk	35	-8	11.8	-33.88	-27	-6.88	273	109	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

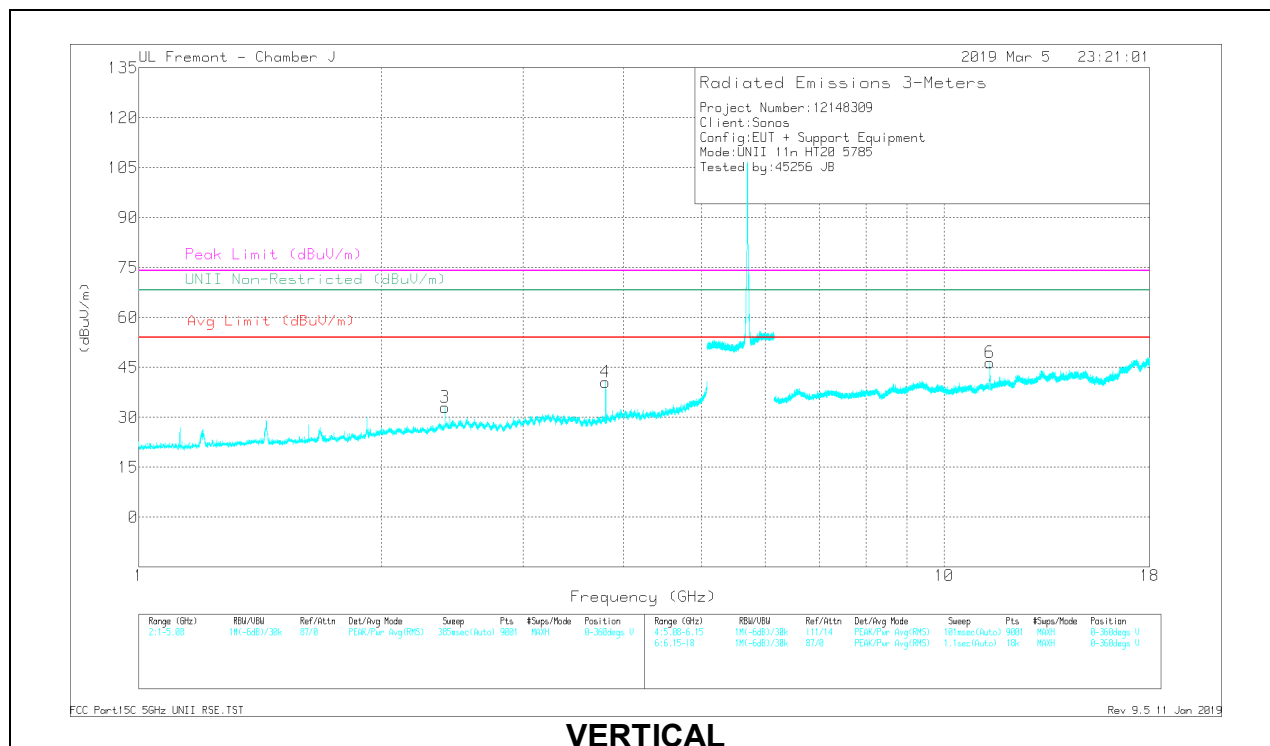
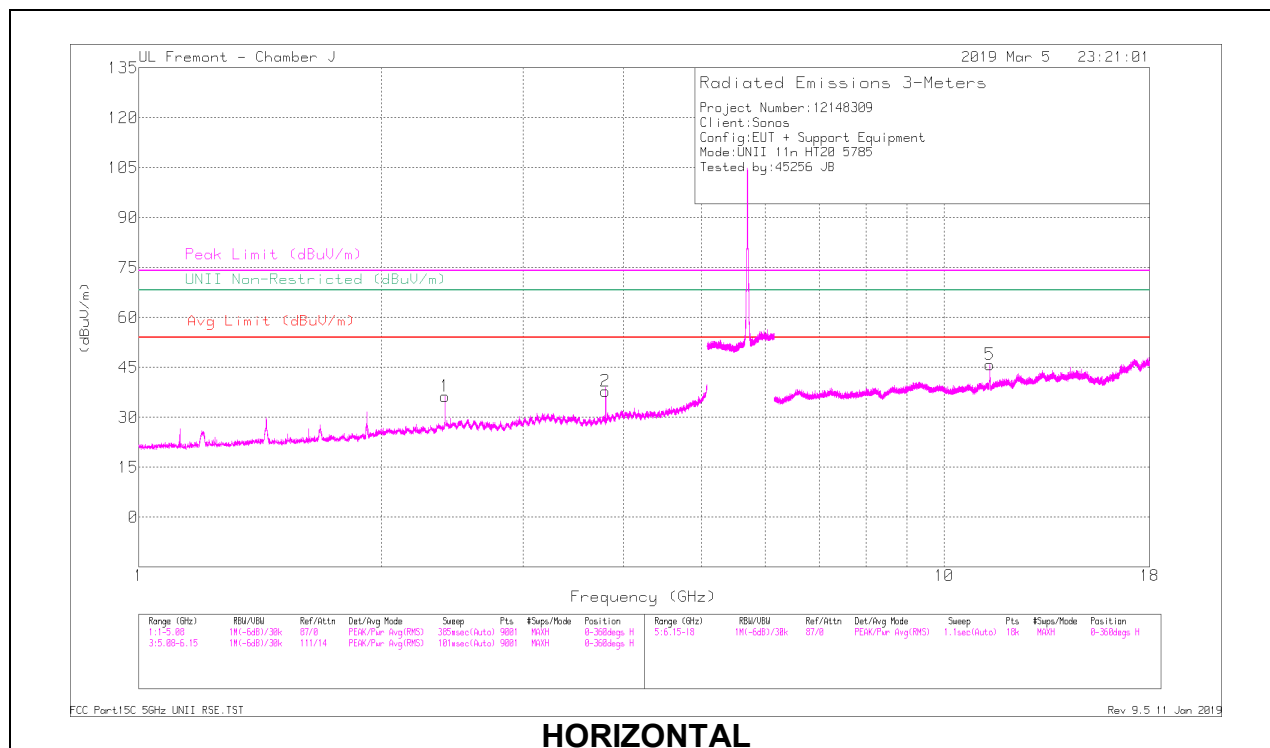


RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE018955 (dBm)	AmpCst/FarPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.439	51.88	PK-U	25.1	-35.9	0	41.08	-	-	74	-32.92	-	-	153	205	H
* 1.44	40.8	ADR	25.1	-35.8	2.5	32.6	54	-21.4	-	-	-	-	153	205	H
* 3.8	44.1	PK-U	31	-32.8	0	42.3	-	-	74	-31.7	-	-	255	206	H
* 3.8	36.91	ADR	31	-32.8	2.5	37.61	54	-16.39	-	-	-	-	255	206	H
* 1.442	50.32	PK-U	25.1	-36.8	0	39.62	-	-	74	-34.38	-	-	268	130	V
* 1.44	38.57	ADR	25.1	-36.8	2.5	30.37	54	-23.63	-	-	-	-	268	130	V
* 3.8	45.2	PK-U	31	-32.8	0	43.4	-	-	74	-30.6	-	-	290	146	V
* 3.8	37.81	ADR	31	-32.8	2.5	38.61	54	-15.39	-	-	-	-	290	146	V
* 11.403	39.61	PK-U	39.1	-23.3	0	55.61	-	-	74	-18.39	-	-	233	109	H
* 11.403	26.76	ADR	39.1	-23.3	2.5	45.06	54	-8.94	-	-	-	-	233	109	H
* 11.403	38.92	PK-U	39.1	-23.3	0	54.72	-	-	74	-19.28	-	-	327	112	V
* 11.403	25.74	ADR	39.1	-23.3	2.5	44.04	54	-9.96	-	-	-	-	327	112	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

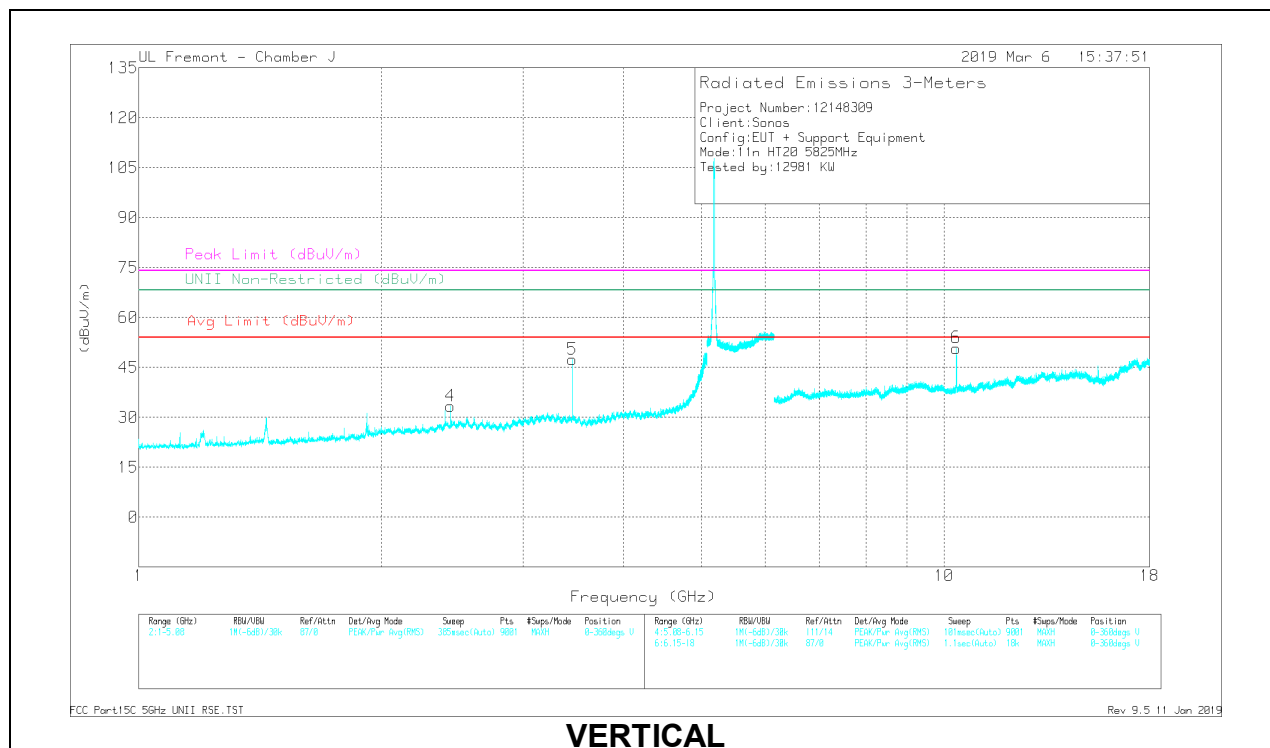
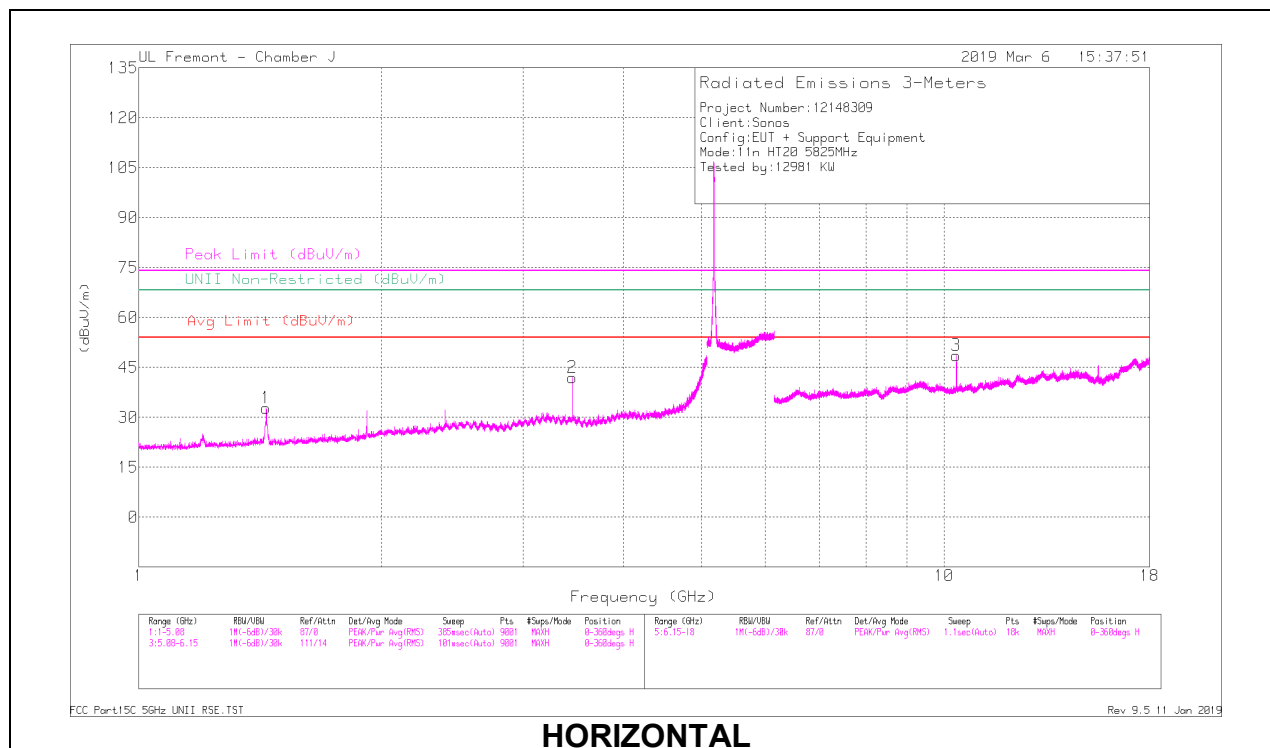
Frequency (GHz)	Meter Reading (dBμV)	Det	AF PRE018955 (dBm)	AmpCst/Fst/Pd (dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	PK Margin (dB)	UNII Non-Restricted (dBμV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.4	46.6	PK-U	29.6	-35.5	0	40.7	-	-	-	-	68.2	-27.5	157	194	H
* 3.8	43.68	PK-U	31	-32.8	0	41.88	-	-	74	-32.12	-	-	255	243	H
* 3.8	36.37	ADR	31	-32.8	2.5	37.07	54	-16.93	-	-	-	-	255	243	H
2.4	44.31	PK-U	29.6	-35.5	0	38.41	-	-	-	-	68.2	-29.79	51	176	V
* 3.8	44.75	PK-U	31	-32.8	0	42.95	-	-	74	-31.05	-	-	348	103	V
* 3.8	38.71	ADR	31	-32.8	2.5	39.41	54	-14.59	-	-	-	-	348	103	V
* 11.397	40.39	PK-U	39.1	-23.3	0	56.19	-	-	74	-17.81	-	-	233	103	H
* 11.398	27.85	ADR	39.1	-23.3	2.5	46.15	54	-7.85	-	-	-	-	233	103	H
* 11.399	40.1	PK-U	39.1	-23.3	0	55.9	-	-	74	-18.1	-	-	218	105	V
* 11.4	27.06	ADR	39.1	-23.3	2.5	45.36	54	-8.64	-	-	-	-	218	105	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBµV)	Det	AF PRE5189055 (dBm)	AmpCts/F10rPa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.438	53.05	PK-U	25.1	-35.9	0	42.25	-	-	74	-31.75	-	-	114	103	H
* 1.44	41.93	ADR	25.1	-35.8	2.5	33.73	54	-20.27	-	-	-	-	114	103	H
3.453	49.48	PK-U	30.6	-33.7	0	45.38	-	-	-	-	68.2	-22.82	229	239	H
2.44	44.97	PK-U	29.8	-35.5	0	39.27	-	-	-	-	68.2	-28.93	9	257	V
3.453	50.46	PK-U	30.6	-33.7	0	47.36	-	-	-	-	68.2	-20.84	297	163	V
10.358	44.41	PK-U	38.2	-25.5	0	57.11	-	-	-	-	68.2	-11.09	89	195	H
10.358	43.94	PK-U	38.2	-25.5	0	56.64	-	-	-	-	68.2	-11.56	236	106	V

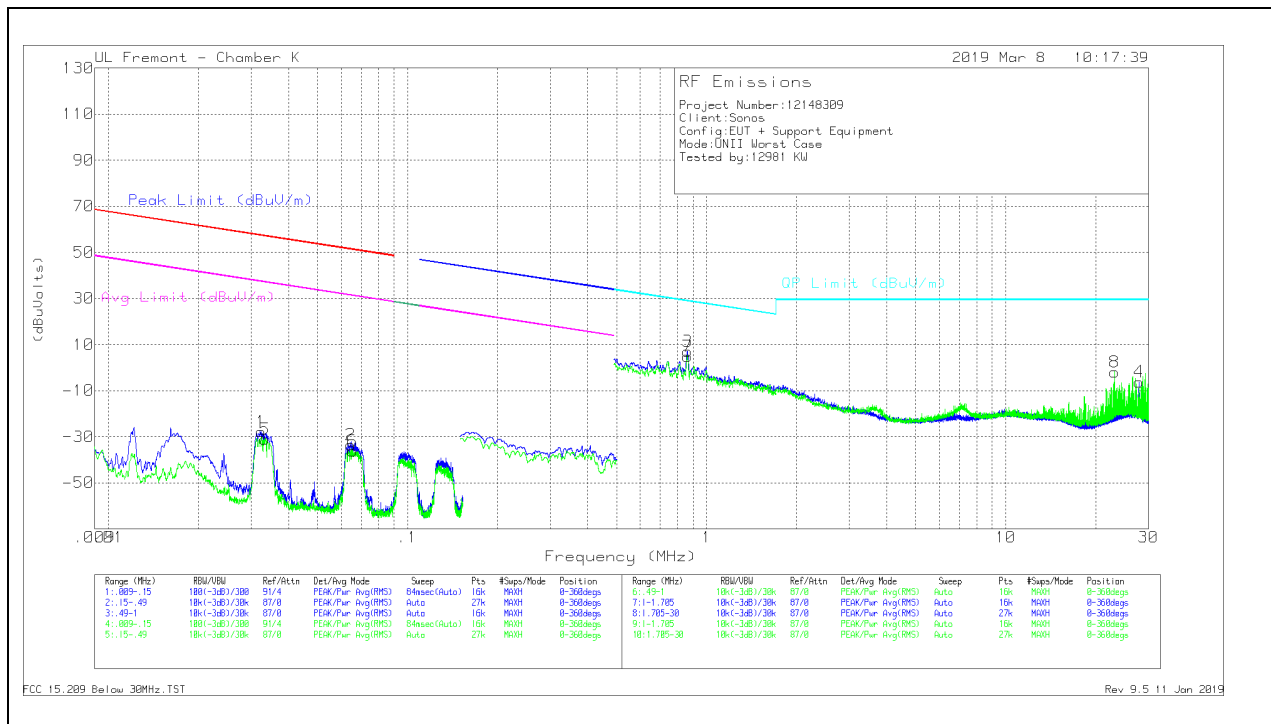
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. WORST CASE BELOW 30MHZ

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



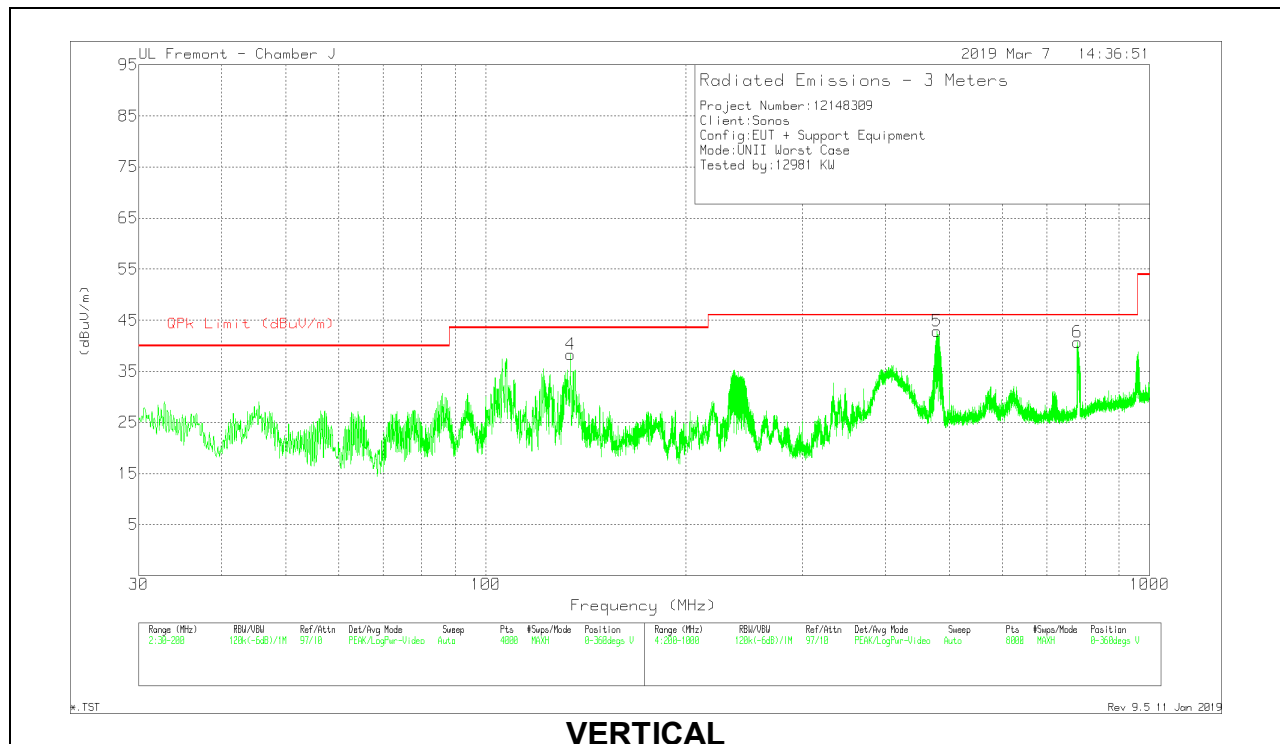
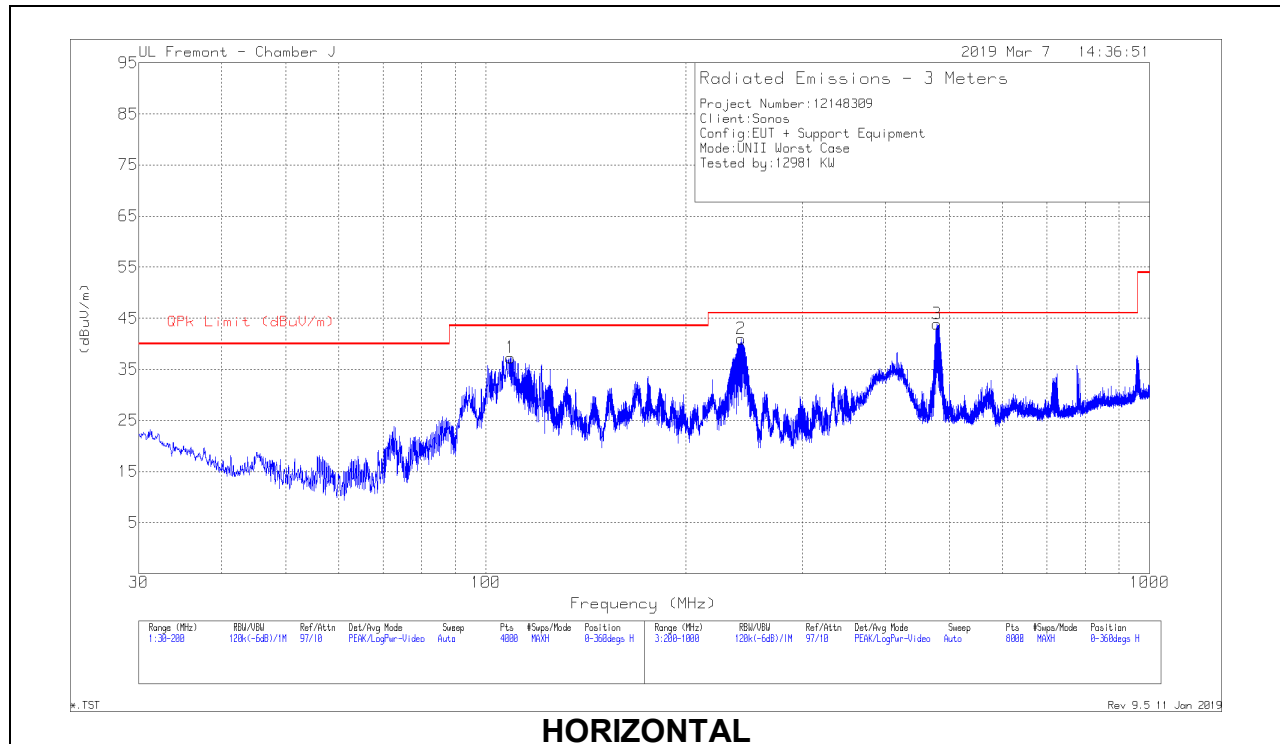
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0186650	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.03238	26.64	Pk	57.7	-32.2	-80	-27.86	57.38	-85.24	37.38	-65.24	0-360
2	.06459	22.7	Pk	56.1	-32.2	-80	-33.4	51.38	-84.78	31.38	-64.78	0-360
5	.03343	23.43	Pk	57.7	-32.2	-80	-31.07	57.1	-88.17	37.1	-68.17	0-360
6	.06549	19.81	Pk	56.1	-32.2	-80	-36.29	51.26	-87.55	31.26	-67.55	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0186650	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.8636	22.76	Pk	56.3	-32.1	-40	6.96	28.89	-21.93	0-360
7	.8636	20.59	Pk	56.3	-32.1	-40	4.79	28.89	-24.1	0-360
4	27.95216	32.56	Pk	32.9	-31.6	-40	-6.14	29.5	-35.64	0-360
8	23.12612	35.73	Pk	34	-31.6	-40	-1.87	29.5	-31.37	0-360

Pk - Peak detector

9.3. WORST CASE BELOW 1 GHZ



Below 1GHz DATA

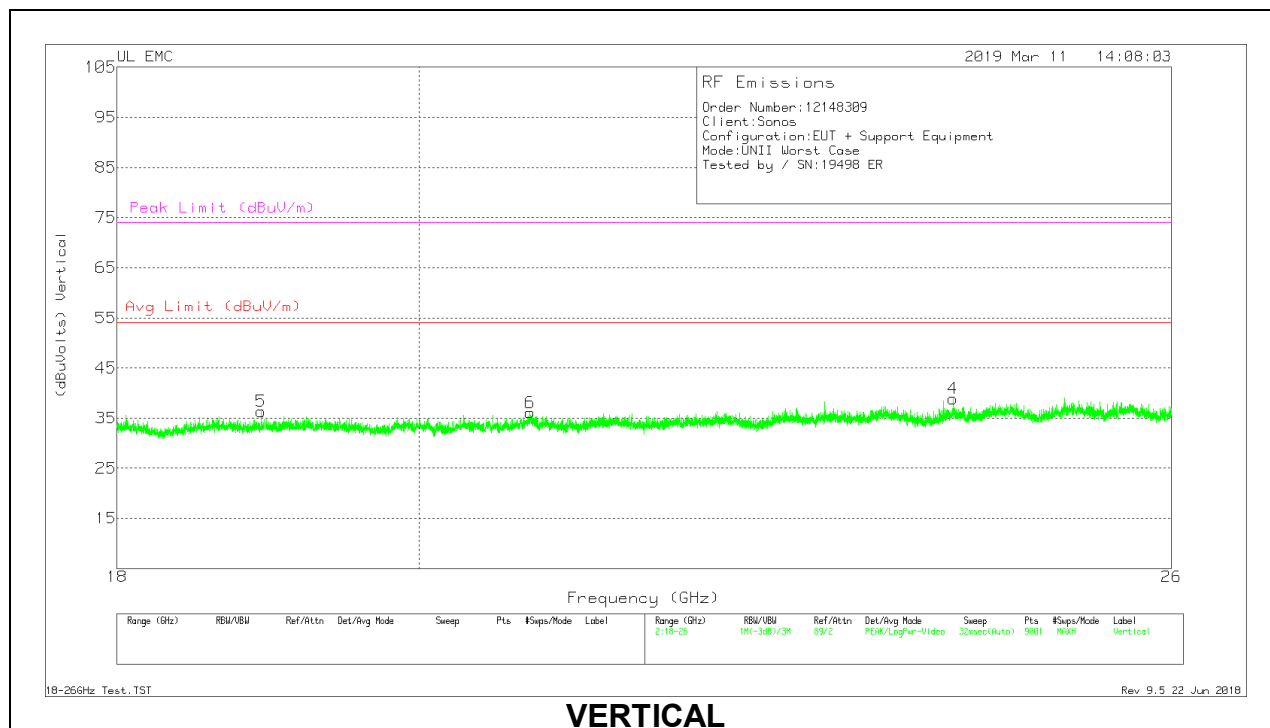
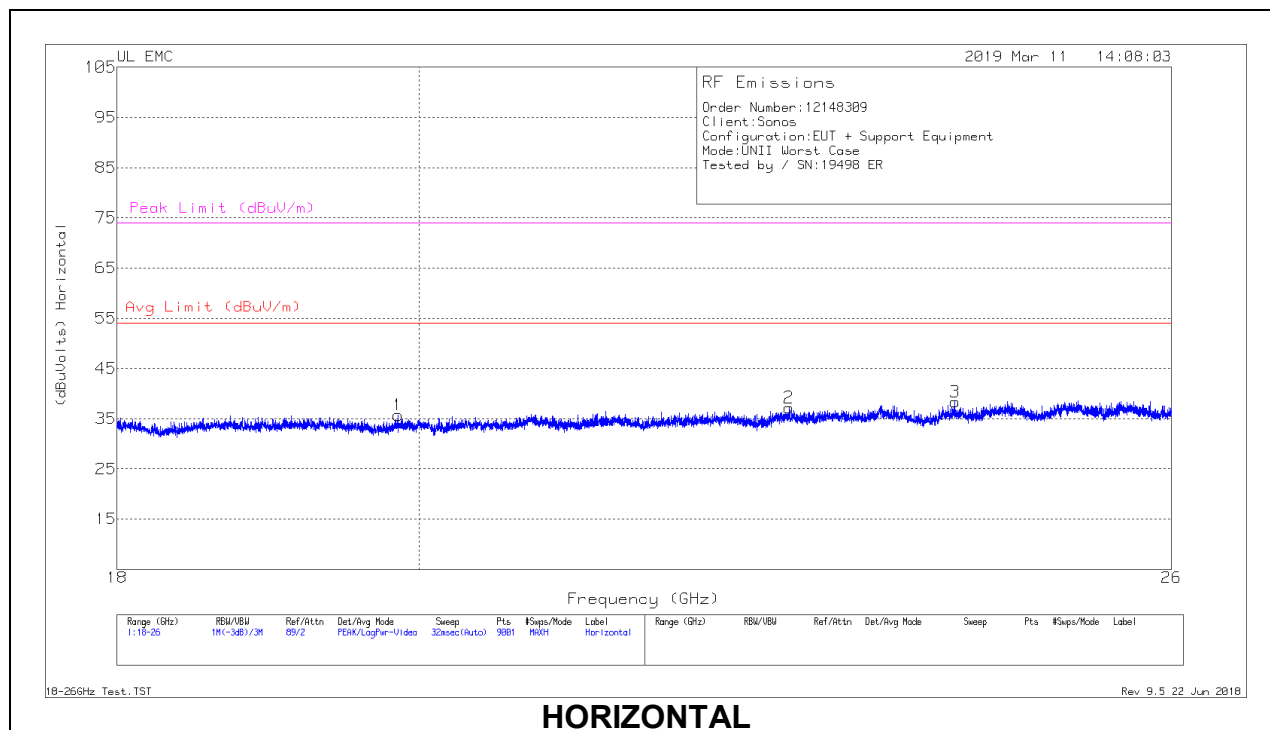
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0181575 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 109.0279	49.77	Pk	18.4	-30.9	37.27	43.52	-6.25	0-360	298	H
4	* 134.1094	49.7	Pk	19.4	-30.8	38.3	43.52	-5.22	0-360	101	V
	* 132.2702	40.77	Qp	19.5	-30.8	29.47	43.52	-14.05	118	102	V
2	* 242.4055	53.7	Pk	17.5	-30.2	41	46.02	-5.02	0-360	101	H
	* 242.4415	50.3	Qp	17.5	-30.2	37.6	46.02	-8.42	250	122	H
3	478.5362	49.71	Pk	23.6	-29.4	43.91	46.02	-2.11	0-360	101	H
	478.5961	48.04	Qp	23.6	-29.4	42.24	46.02	-3.78	226	187	H
5	478.5362	48.69	Pk	23.6	-29.4	42.89	46.02	-3.13	0-360	199	V
	478.5899	47.33	Qp	23.6	-29.4	41.53	46.02	-4.49	205	192	V
6	780.0927	28.53	Pk	27.1	-28.3	27.33	46.02	-18.69	102	105	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. WORST CASE 18-26 GHZ



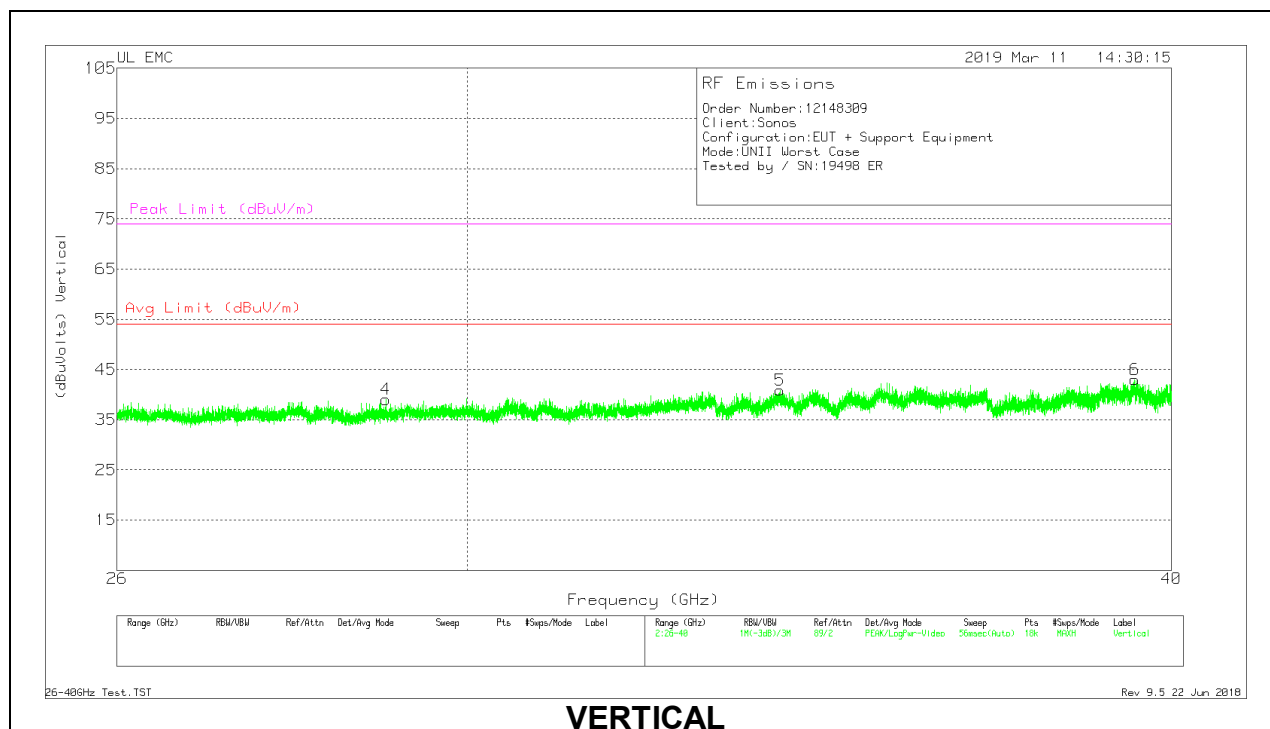
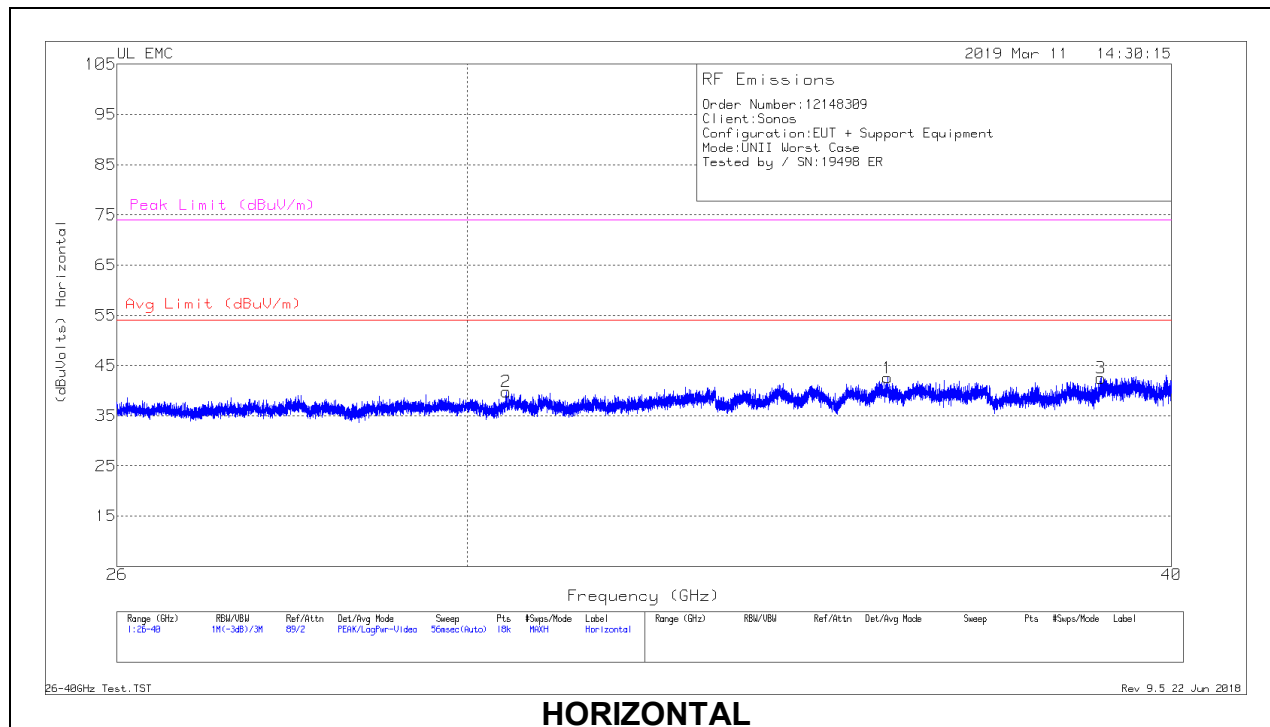
18 – 26GHz DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	19.854	69.41	Pk	32.7	-56.9	-9.5	35.71	54	-18.29	74	-38.29
2	22.752	70.59	Pk	33.4	-57.3	-9.5	37.19	54	-16.81	74	-36.81
3	24.108	70.85	Pk	34	-57	-9.5	38.35	54	-15.65	74	-35.65
4	24.092	70.86	Pk	34	-56.5	-9.5	38.86	54	-15.14	74	-35.14
5	18.928	71.34	Pk	32.3	-57.8	-9.5	36.34	54	-17.66	74	-37.66
6	20.788	69.01	Pk	33	-56.4	-9.5	36.11	54	-17.89	74	-37.89

Pk - Peak detector

9.5. WORST CASE 26-40 GHZ



26 – 40GHz DATA

Trace Markers

Marker	Frequency (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	35.62	70.15	Pk	37.6	-55.7	-9.5	42.55	54	-11.45	74	-31.45
2	30.483	67.37	Pk	36	-54.1	-9.5	39.77	54	-14.23	74	-34.23
3	38.862	69.47	Pk	36.9	-54.4	-9.5	42.47	54	-11.53	74	-31.53
4	29.016	66.02	Pk	35.9	-53.4	-9.5	39.02	54	-14.98	74	-34.98
5	34.086	68.27	Pk	36.9	-54.8	-9.5	40.87	54	-13.13	74	-33.13
6	39.403	69.19	Pk	37.8	-54.5	-9.5	42.99	54	-11.01	74	-31.01

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.

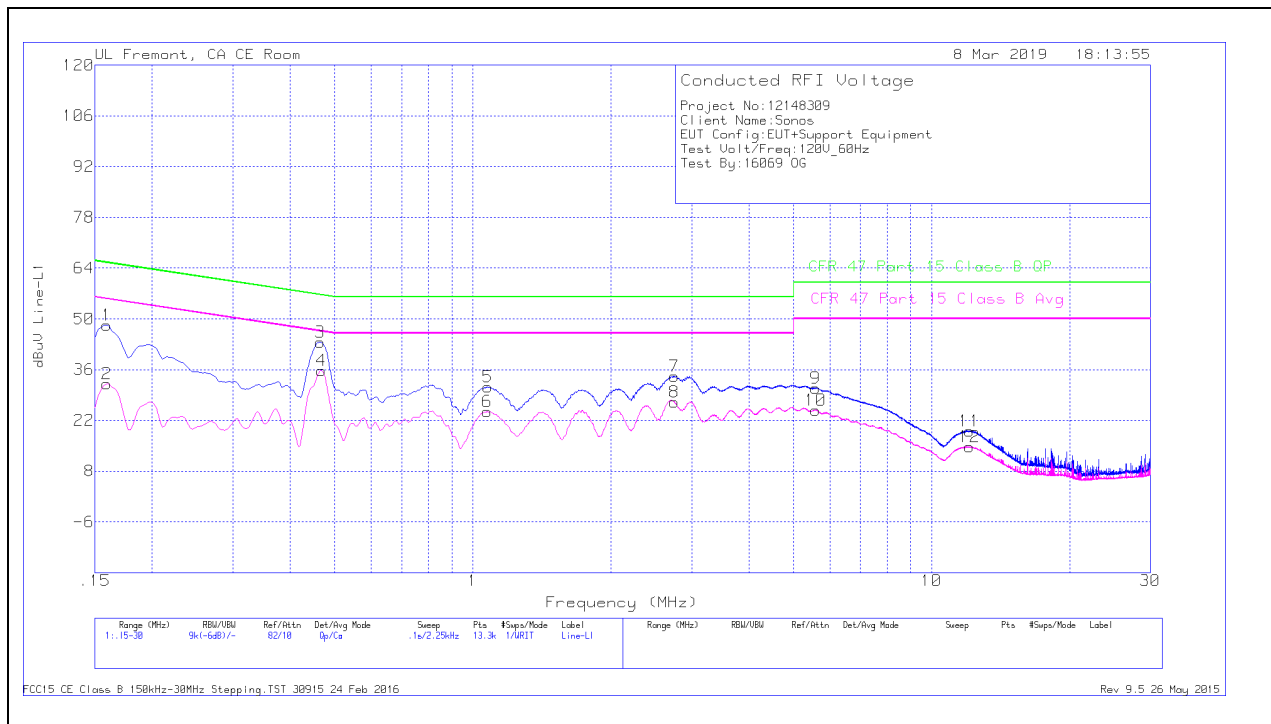
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS



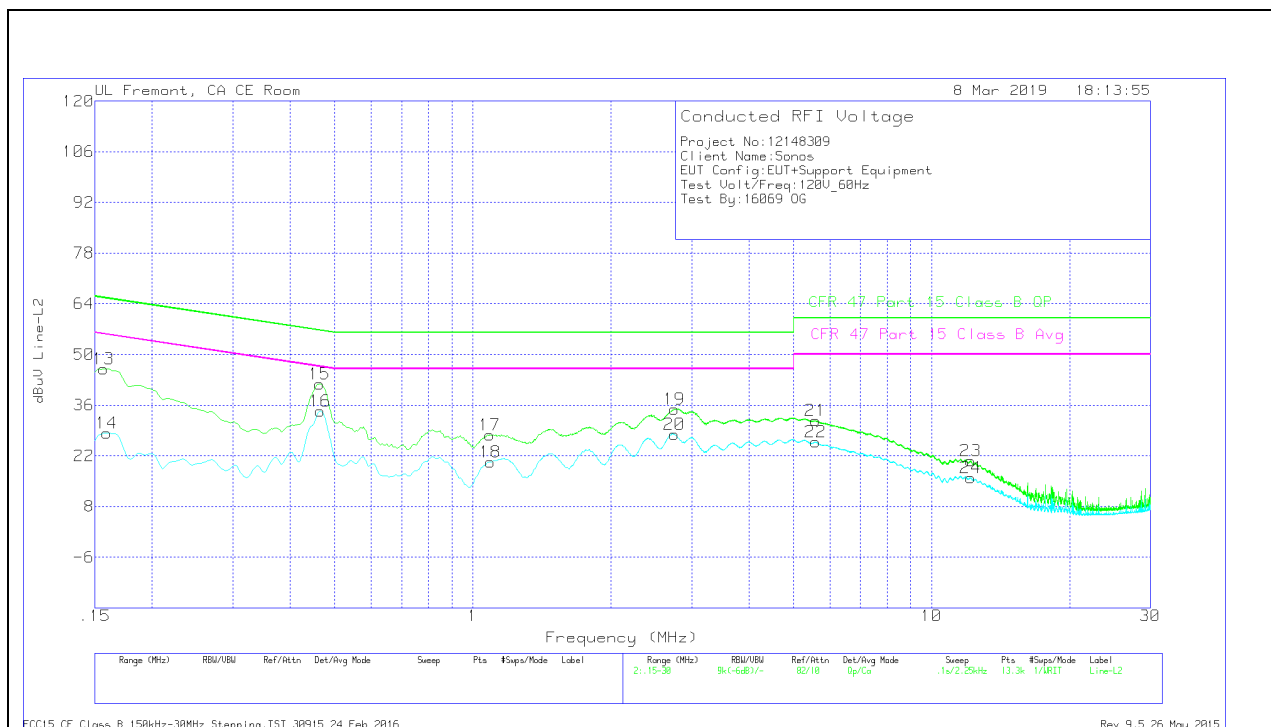
Trace Markers

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	.159	38.12	Qp	.1	0	10.1	48.32	65.52	-17.2	-	-
2	.159	21.85	Ca	.1	0	10.1	32.05	-	-	55.52	-23.47
3	.465	33.53	Qp	0	0	10.1	43.63	56.6	-12.97	-	-
4	.46725	25.72	Ca	0	0	10.1	35.82	-	-	46.56	-10.74
5	1.077	21	Qp	0	.1	10.1	31.2	56	-24.8	-	-
6	1.07475	14.26	Ca	0	.1	10.1	24.46	-	-	46	-21.54
7	2.751	23.94	Qp	0	.1	10.1	34.14	56	-21.86	-	-
8	2.74875	16.86	Ca	0	.1	10.1	27.06	-	-	46	-18.94
9	5.59275	20.54	Qp	0	.2	10.2	30.94	60	-29.06	-	-
10	5.58825	14.46	Ca	0	.2	10.2	24.86	-	-	50	-25.14
11	12.09075	8.53	Qp	.1	.2	10.2	19.03	60	-40.97	-	-
12	12.08625	4.16	Ca	.1	.2	10.2	14.66	-	-	50	-35.34

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	.15675	35.78	Qp	.1	0	10.1	45.98	65.63	-19.65	-	-
14	.159	18.15	Ca	.1	0	10.1	28.35	-	-	55.52	-27.17
15	.46275	31.8	Qp	0	0	10.1	41.9	56.64	-14.74	-	-
16	.465	24.23	Ca	0	0	10.1	34.33	-	-	46.6	-12.27
17	1.08937	17.54	Qp	0	.1	10.1	27.74	56	-28.26	-	-
18	1.09163	10.15	Ca	0	.1	10.1	20.35	-	-	46	-25.65
19	2.75325	24.72	Qp	0	.1	10.1	34.92	56	-21.08	-	-
20	2.7465	17.79	Ca	0	.1	10.1	27.99	-	-	46	-18.01
21	5.58375	21.31	Qp	0	.2	10.2	31.71	60	-28.29	-	-
22	5.58375	15.41	Ca	0	.2	10.2	25.81	-	-	50	-24.19
23	12.17175	10.07	Qp	.1	.2	10.2	20.57	60	-39.43	-	-
24	12.1785	5.37	Ca	.1	.2	10.2	15.87	-	-	50	-34.13

Qp - Quasi-Peak detector

Ca - CISPR average detection