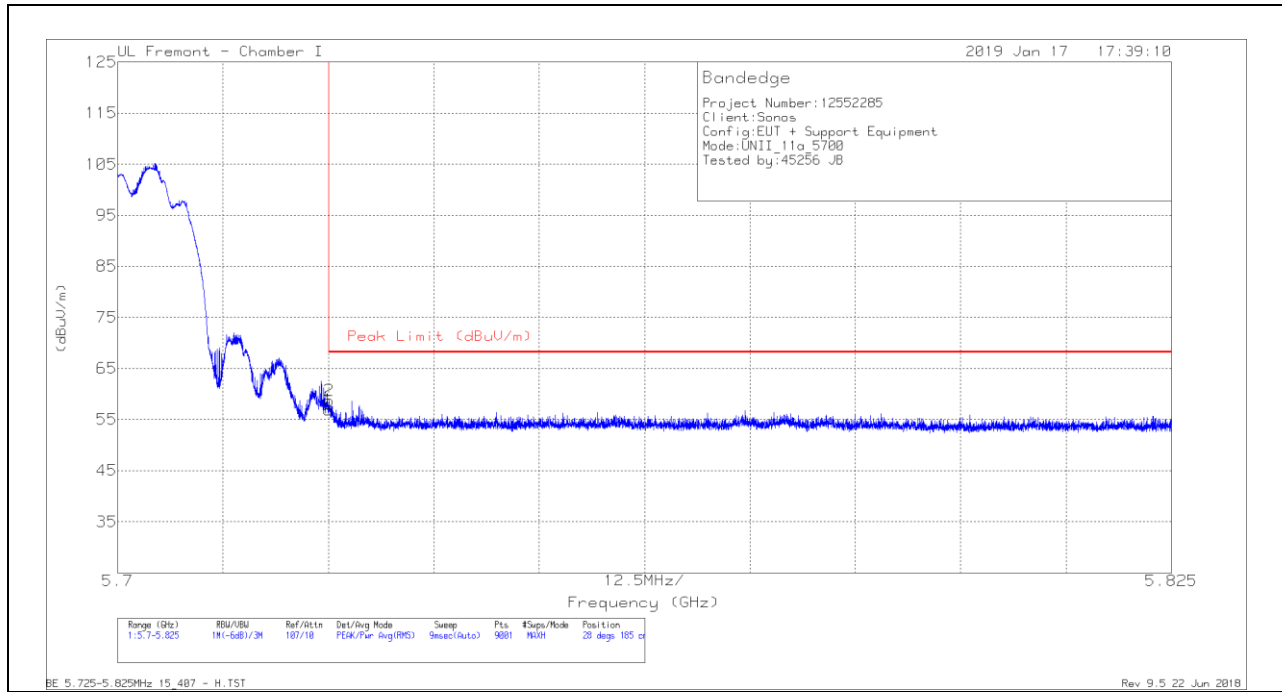


BANDEDGE (HIGH CHANNEL)

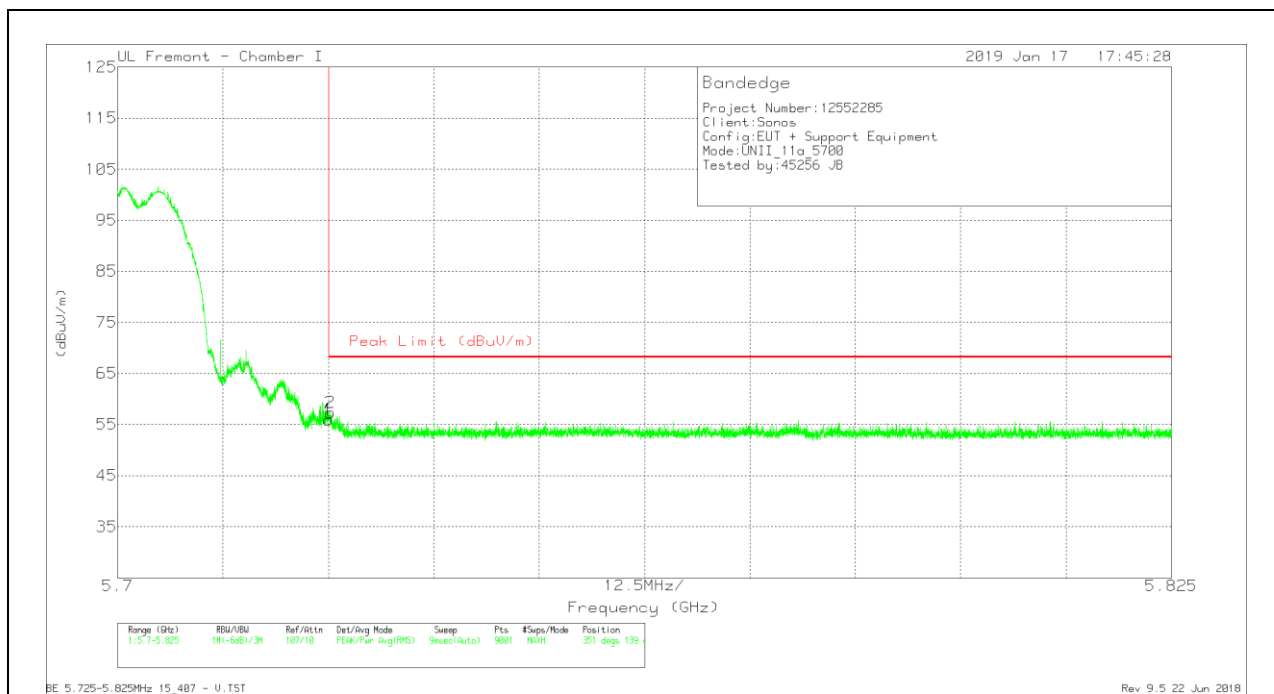
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.39	Pk	35	-18.5	0	56.89	68.2	-11.31	28	185	H
2	5.725	42.21	Pk	35	-18.5	0	58.71	68.2	-9.49	28	185	H

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

VERTICAL RESULT

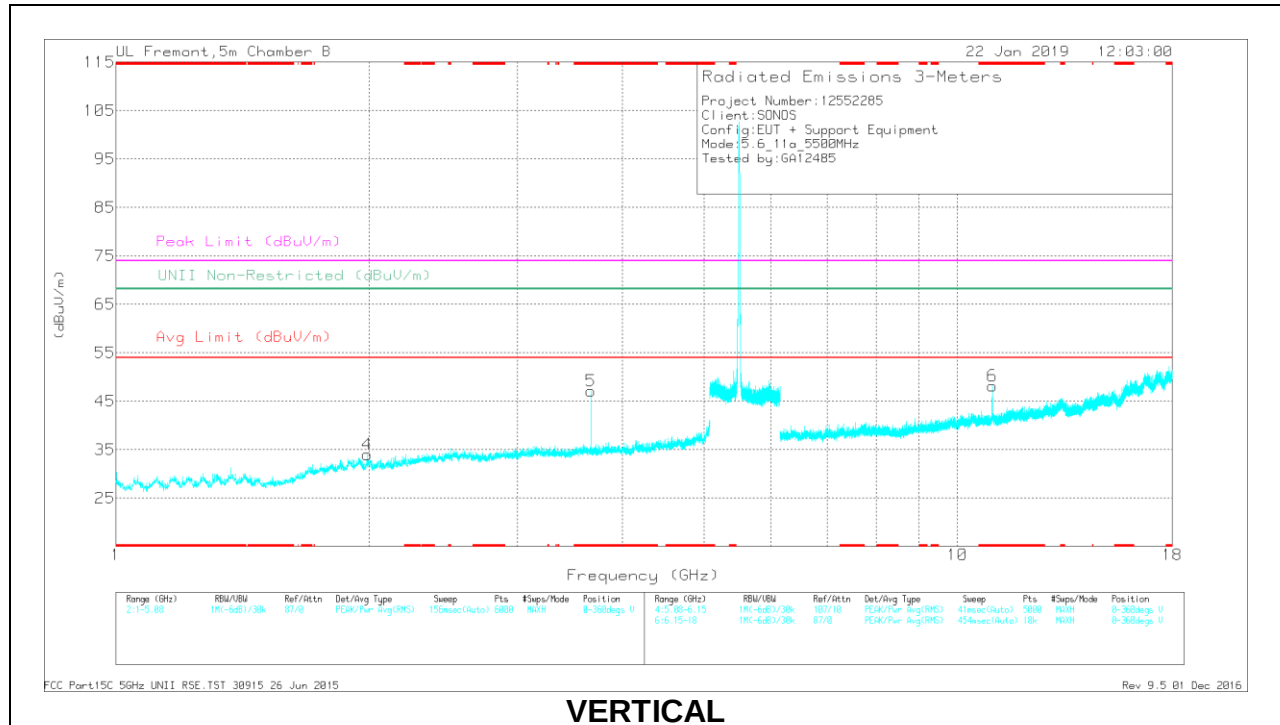
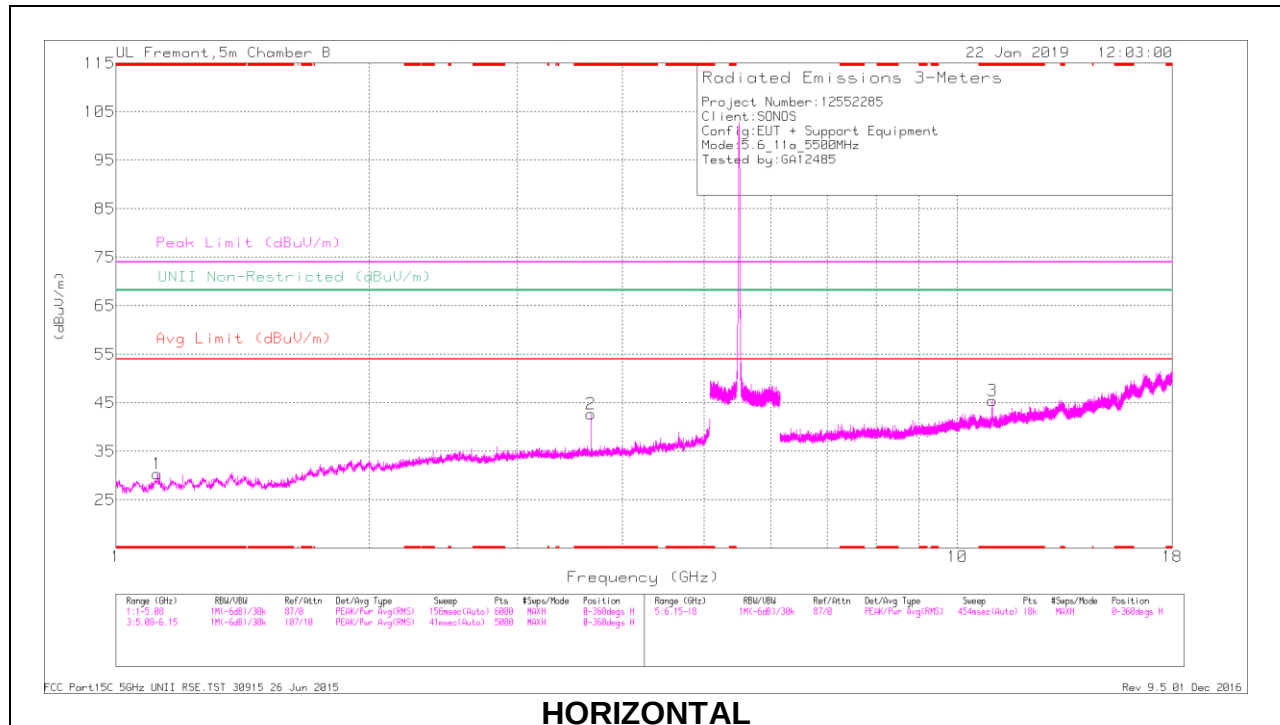


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.37	Pk	35	-18.5	0	55.87	68.2	-12.33	351	139	V
2	5.725	40.87	Pk	35	-18.5	0	57.37	68.2	-10.83	351	139	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

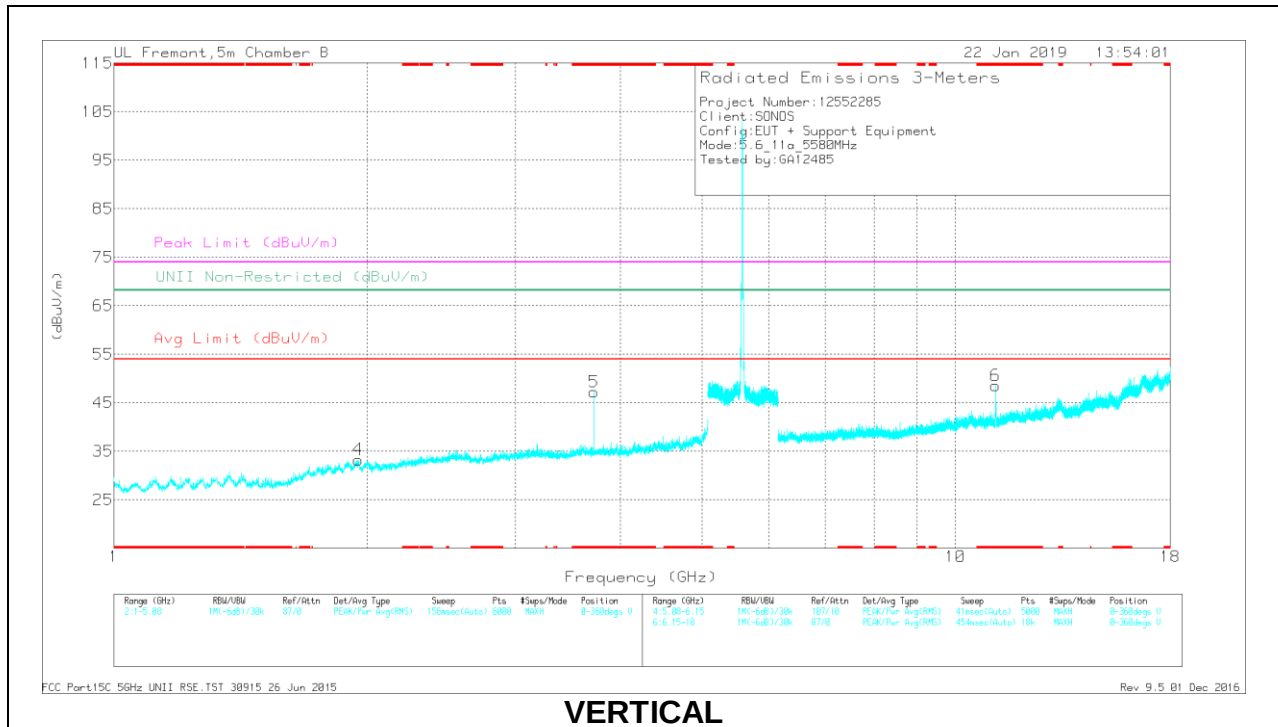
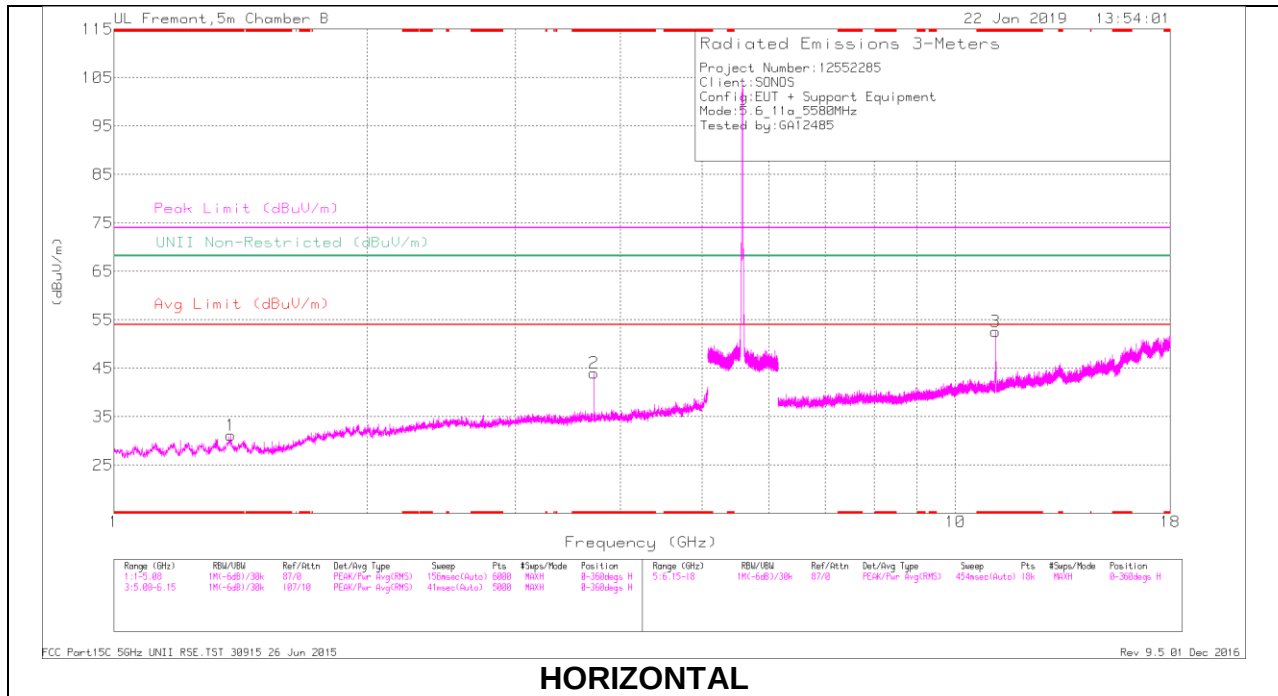
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Port Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.119	43.03	PK-U	27.4	-34	0	36.43	-	-	74	-37.57	-	-	139	177	H
	* 1.12	32.79	ADR	27.4	-34	.09	26.28	54	-27.72	-	-	-	-	139	177	H
2	* 3.667	45.89	PK-U	33.3	-30.8	0	48.39	-	-	74	-25.61	-	-	304	293	H
	* 3.667	41.87	ADR	33.3	-30.8	.09	44.46	54	-9.54	-	-	-	-	304	293	H
5	* 3.667	47.41	PK-U	33.3	-30.8	0	49.91	-	-	74	-24.09	-	-	337	208	V
	* 3.667	44.04	ADR	33.3	-30.8	.09	46.63	54	-7.37	-	-	-	-	337	208	V
3	* 11.001	36.16	PK-U	37.9	-21.7	0	52.36	-	-	74	-21.64	-	-	281	159	H
	* 11.001	21.96	ADR	37.9	-21.7	.09	38.25	54	-15.75	-	-	-	-	281	159	H
6	* 11.002	38.82	PK-U	37.9	-21.7	0	55.02	-	-	74	-18.98	-	-	359	103	V
	* 11.002	23.14	ADR	37.9	-21.7	.09	39.43	54	-14.57	-	-	-	-	359	103	V
4	1.988	40.66	PK-U	30.9	-31.8	0	39.76	-	-	-	-	68.2	-28.44	230	333	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

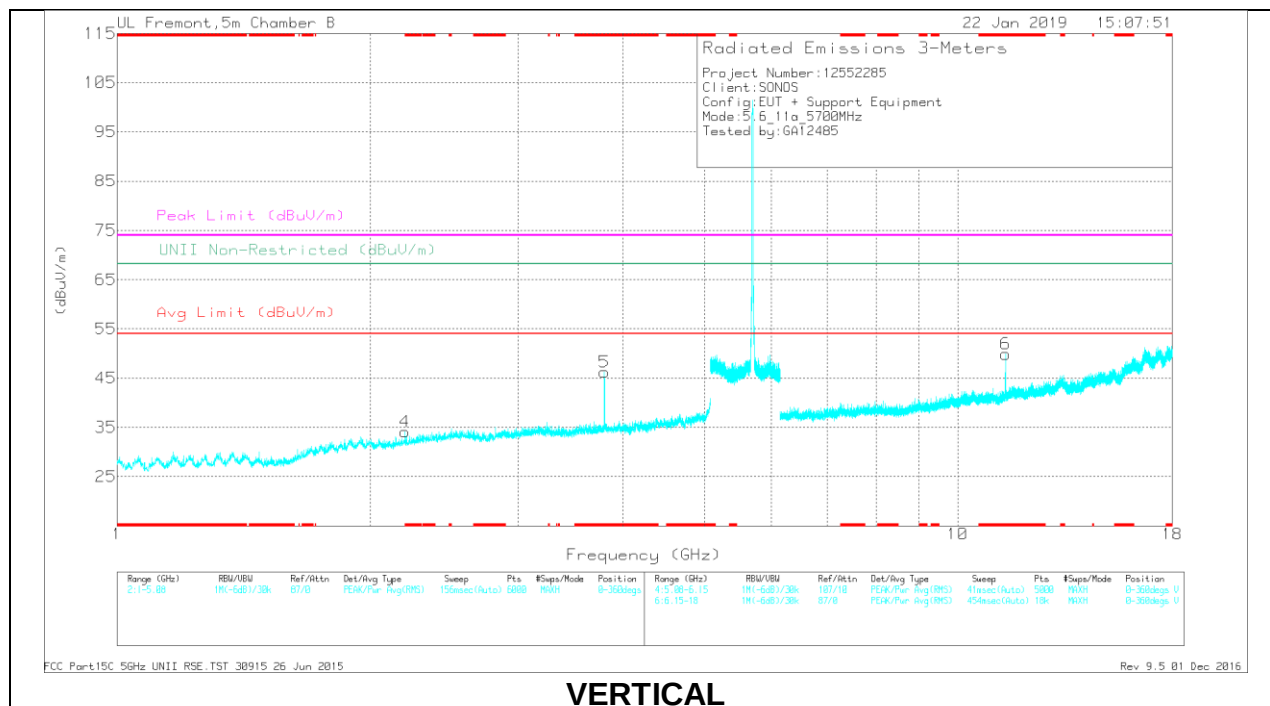
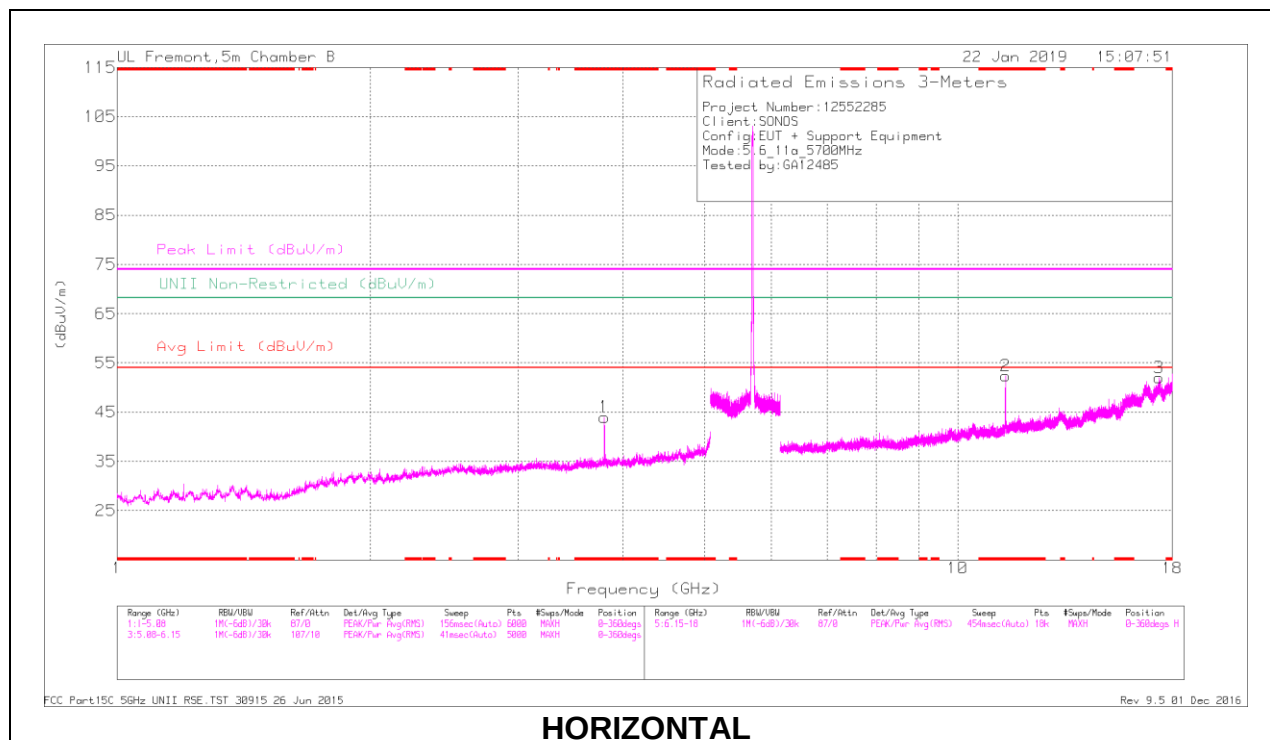
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.376	41.66	PK-U	28.5	-33.2	0	36.95	-	-	74	-37.04	-	-	114	213	H
	* 1.376	29.75	ADR	28.5	-33.2	.09	25.14	54	-28.96	-	-	-	-	114	213	H
2	* 3.72	45.85	PK-U	33.3	-30.9	0	48.25	-	-	74	-25.75	-	-	90	199	H
	* 3.72	41.44	ADR	33.3	-30.9	.09	43.93	54	-10.07	-	-	-	-	90	199	H
5	* 3.72	48.27	PK-U	33.3	-30.9	0	50.67	-	-	74	-23.33	-	-	338	308	V
	* 3.72	44.54	ADR	33.3	-30.9	.09	47.03	54	-6.97	-	-	-	-	338	308	V
3	* 11.161	43.56	PK-U	37.9	-22.8	0	58.66	-	-	74	-15.34	-	-	118	109	H
	* 11.162	31.77	ADR	37.9	-22.8	.09	46.96	54	-7.04	-	-	-	-	118	109	H
6	* 11.161	41.28	PK-U	37.9	-22.8	0	56.38	-	-	74	-17.62	-	-	8	153	V
	* 11.161	28.42	ADR	37.9	-22.8	.09	43.61	54	-10.39	-	-	-	-	8	153	V
4	1.952	41	PK-U	31	-32.1	0	39.9	-	-	-	-	68.2	-28.3	248	245	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Port Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	44.93	PK-U	33.4	-30.6	0	47.73	-	-	74	-26.27	-	-	320	200	H
	* 3.8	39.8	ADR	33.4	-30.6	.09	42.69	54	-11.31	-	-	-	-	320	200	H
5	* 3.8	46.86	PK-U	33.4	-30.6	0	49.66	-	-	74	-24.34	-	-	175	293	V
	* 3.8	43.51	ADR	33.4	-30.6	.09	46.4	54	-7.6	-	-	-	-	175	293	V
2	* 11.401	44.42	PK-U	38.4	-22.6	0	60.22	-	-	74	-13.78	-	-	95	152	H
	* 11.401	32.36	ADR	38.4	-22.6	.09	48.25	54	-5.75	-	-	-	-	95	152	H
6	* 11.401	41.21	PK-U	38.4	-22.6	0	57.01	-	-	74	-16.99	-	-	325	103	V
	* 11.401	28.58	ADR	38.4	-22.6	.09	44.47	54	-9.53	-	-	-	-	325	103	V
4	2.199	39.87	PK-U	31.5	-32.4	0	38.97	-	-	-	-	68.2	-29.23	245	391	V
3	17.347	30.86	PK-U	44.5	-17.9	0	57.46	-	-	-	-	68.2	-10.74	159	131	H

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

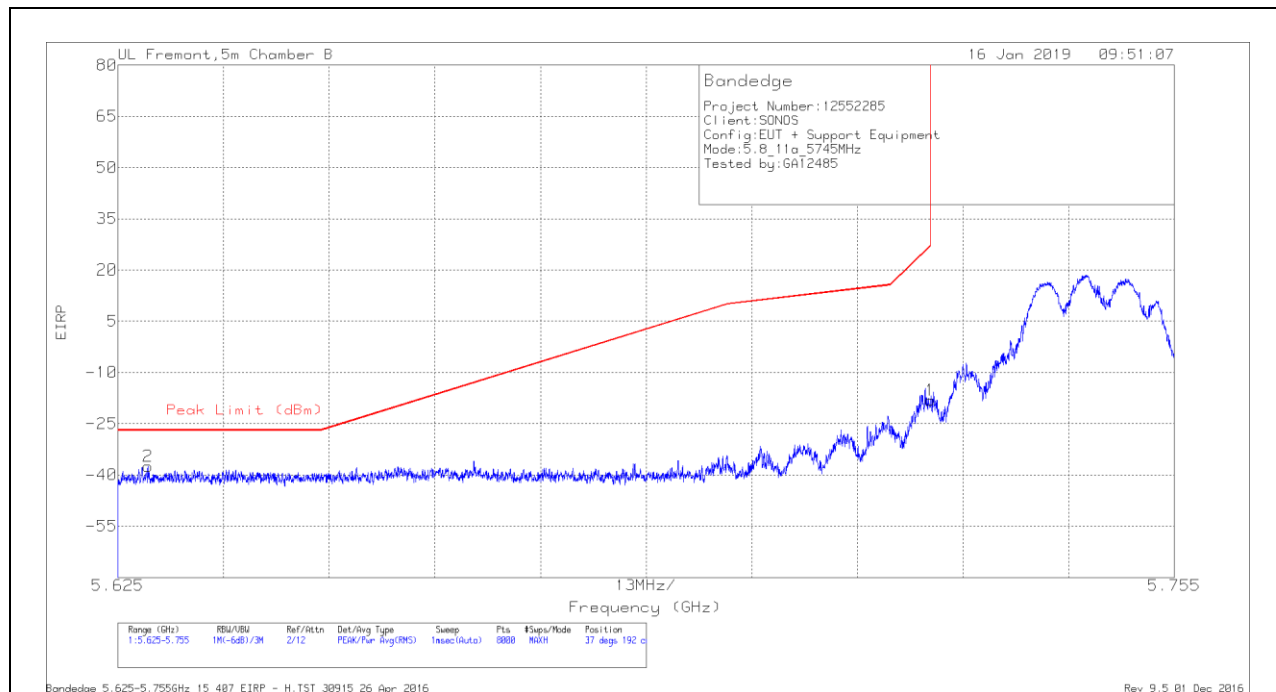
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

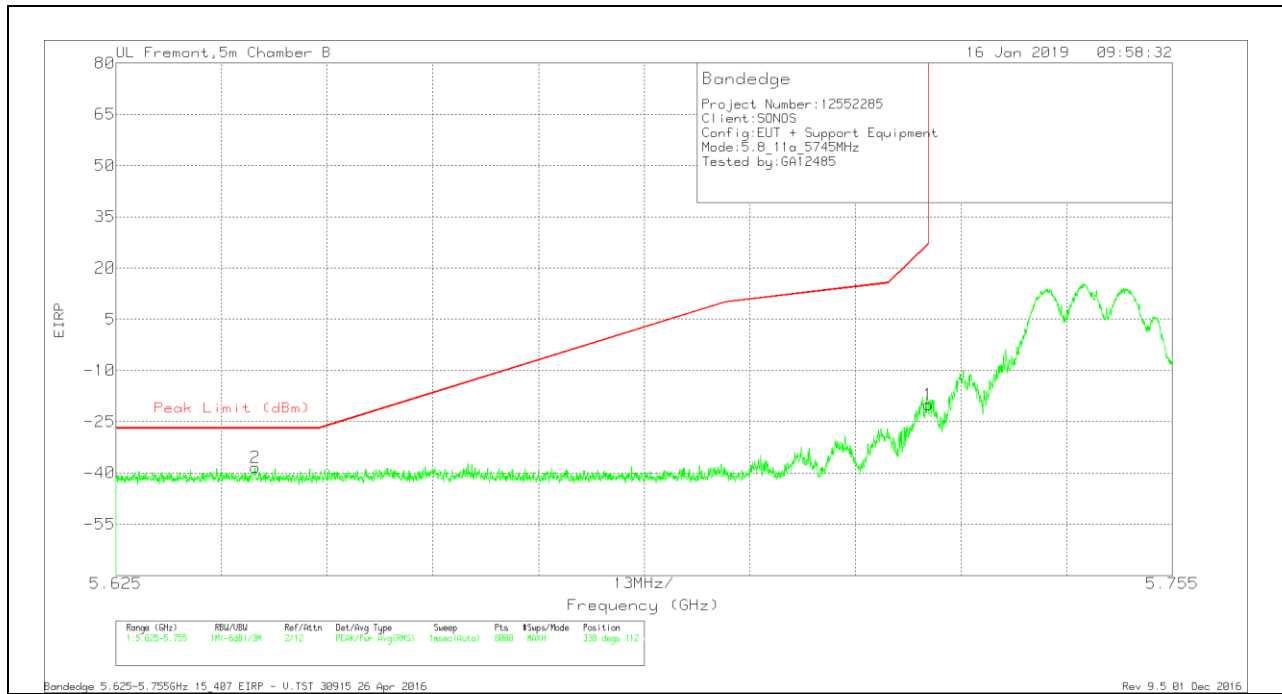


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbIFtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.629	-65.98	Pk	35.5	-18.8	11.8	0	-37.48	-27	-10.48	37	192	H
1	5.725	-46.47	Pk	35.5	-18.9	11.8	0	-18.07	27	-45.07	37	192	H

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

Pk - Peak detector

VERTICAL RESULT

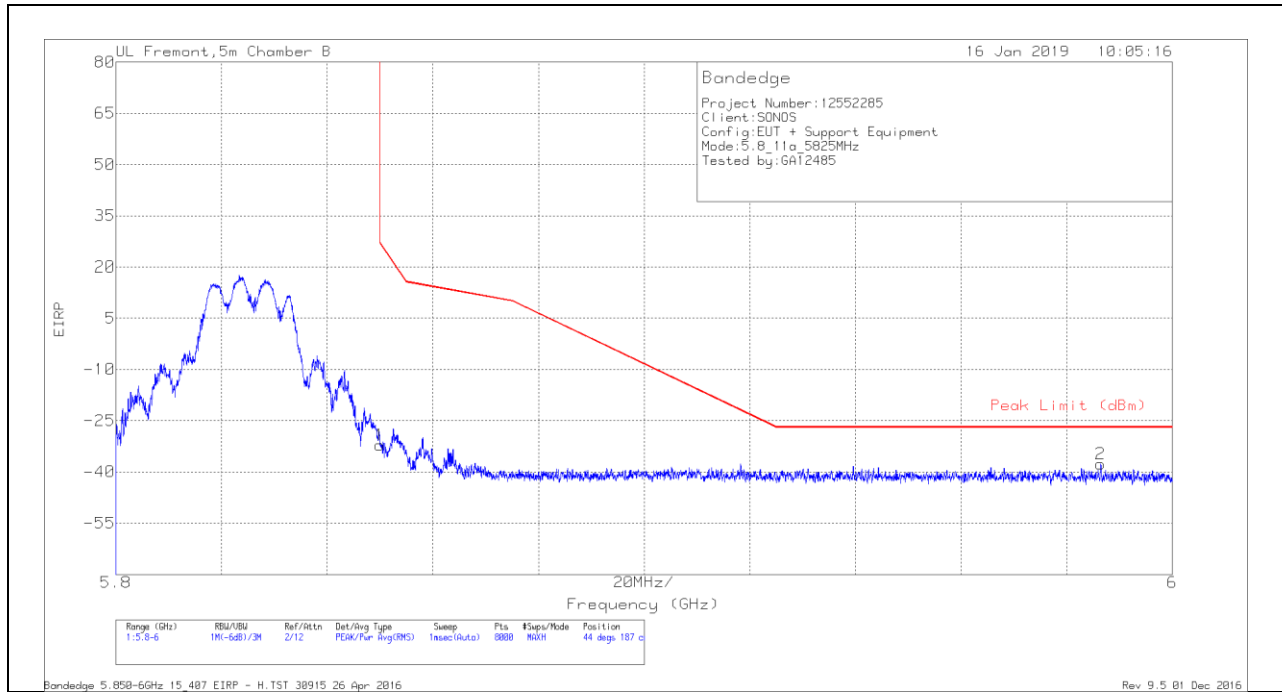


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbIFtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.642	-67.01	Pk	35.5	-18.7	11.8	0	-38.41	-27	-11.41	338	112	V
1	5.725	-48.45	Pk	35.5	-18.9	11.8	0	-20.05	27	-47.05	338	112	V

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

BANDEDGE (HIGH CHANNEL)

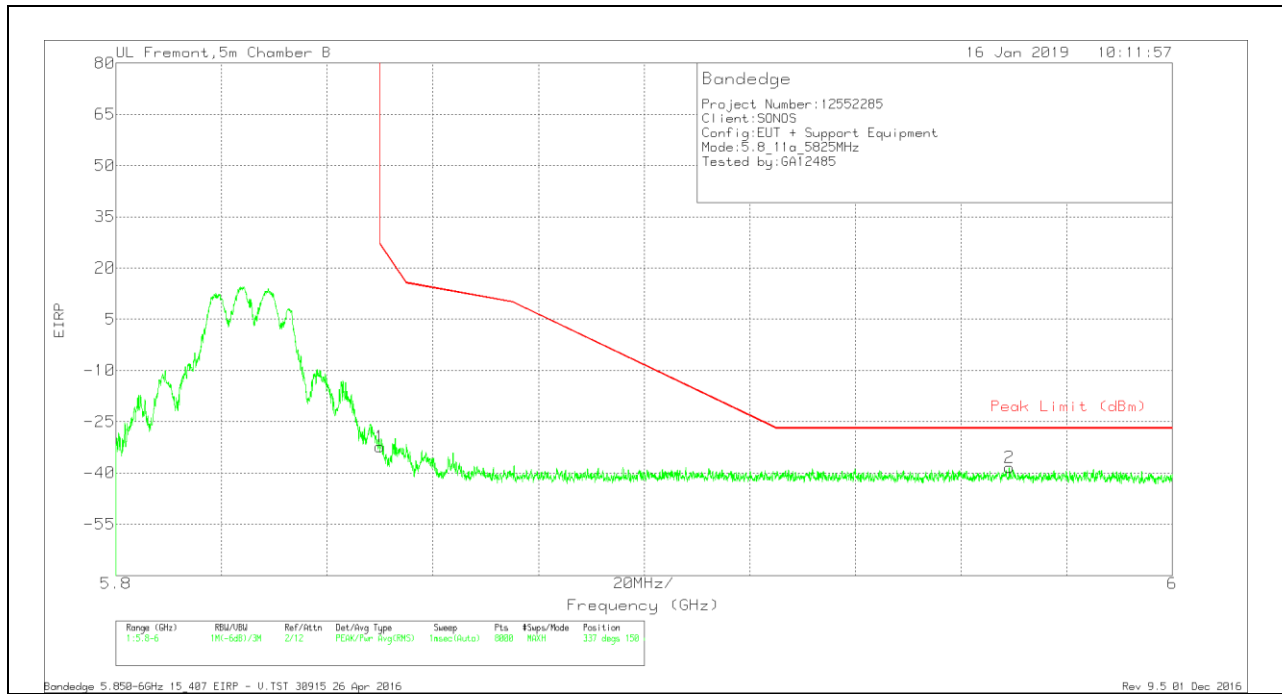
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbI/Filt/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.4	Pk	35.4	-18.9	11.8	0	-32.1	26.99	-59.09	44	187	H
2	5.986	-66.64	Pk	35.4	-18.2	11.8	0	-37.64	-27	-10.64	44	187	H

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

VERTICAL RESULT

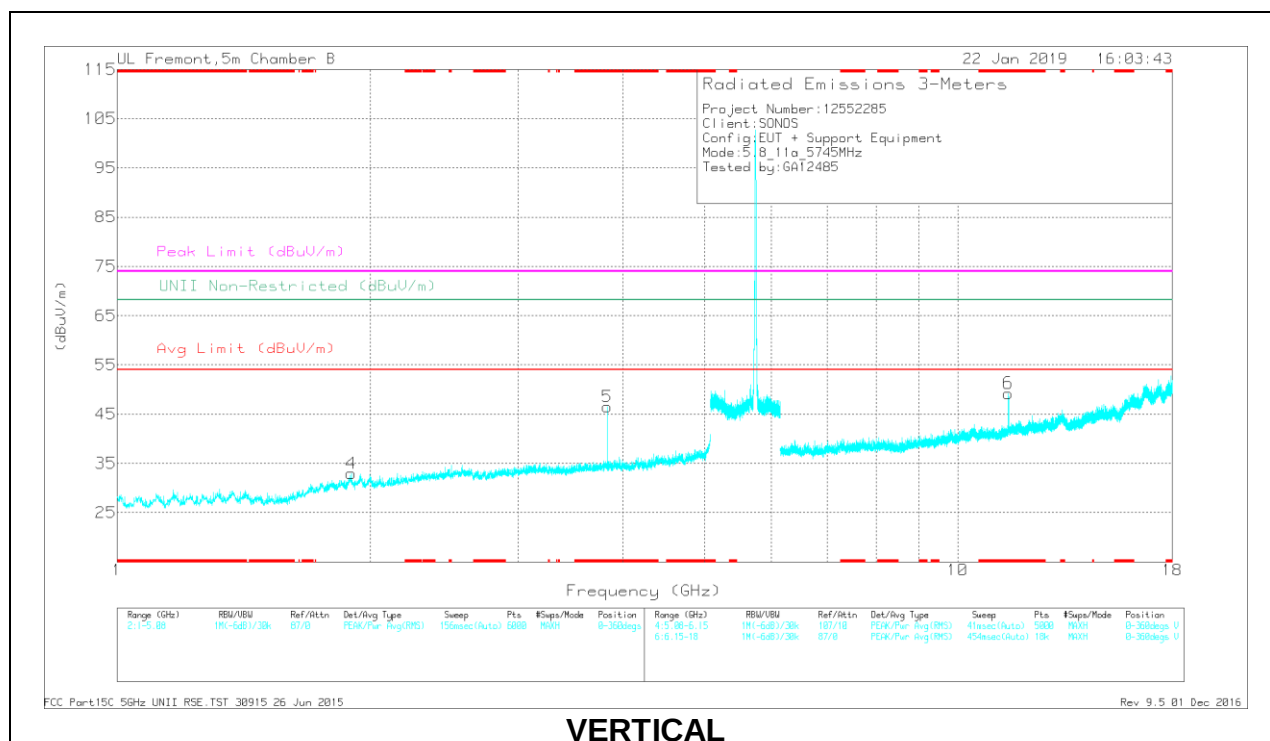
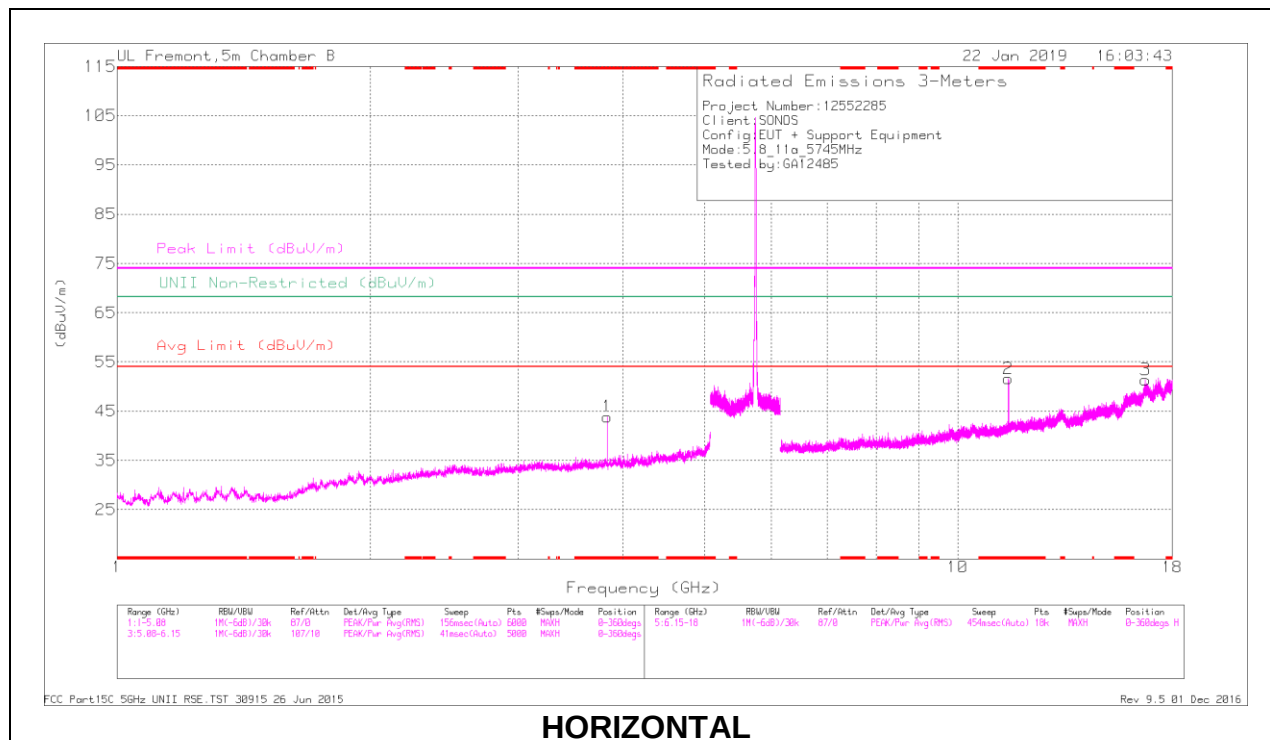


Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbIFtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.7	Pk	35.4	-18.9	11.8	0	-32.4	26.99	-59.39	337	150	V
2	5.969	-67.35	Pk	35.4	-18.2	11.8	0	-38.35	-27	-11.35	337	150	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

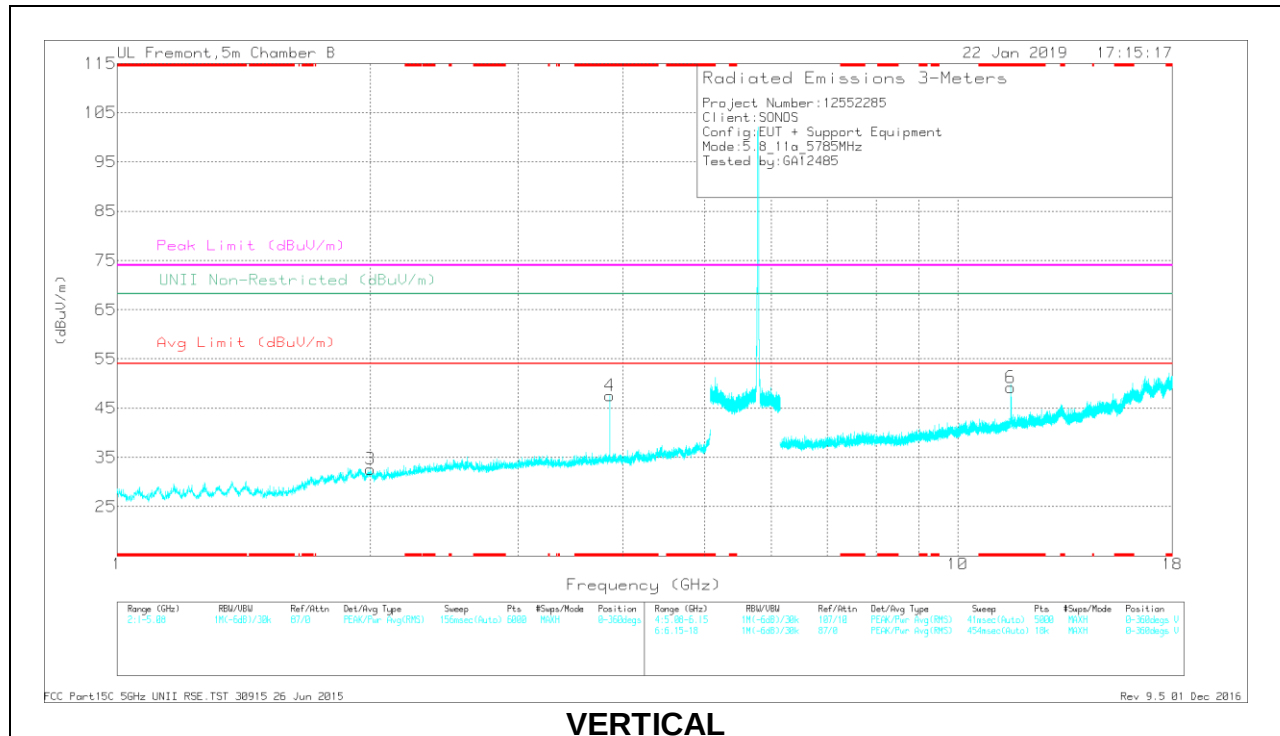
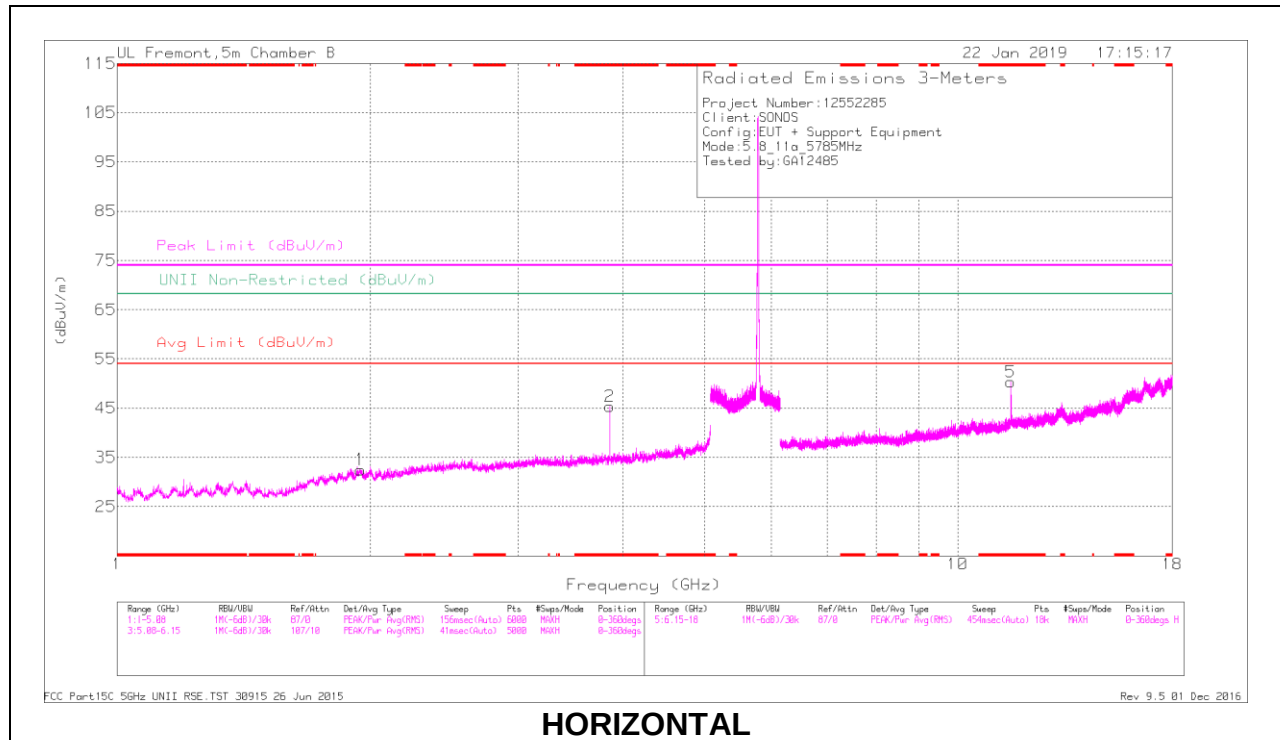
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF T863 (dBm)	Amp CMF Rtr Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unl Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.83	46.72	PK-U	33.4	-31	0	49.12	-	-	74	-24.88	-	-	188	132	H
	* 3.83	41.9	ADR	33.4	-31	.09	44.39	54	-9.61	-	-	-	-	188	132	H
5	* 3.83	47.68	PK-U	33.4	-31	0	50.08	-	-	74	-23.92	-	-	138	104	V
	* 3.83	43.86	ADR	33.4	-31	.09	46.35	54	-7.65	-	-	-	-	138	104	V
2	* 11.486	42.37	PK-U	38.4	-22.5	0	58.27	-	-	74	-15.73	-	-	102	126	H
	* 11.486	30.56	ADR	38.4	-22.5	.09	46.55	54	-7.45	-	-	-	-	102	126	H
6	* 11.491	40.39	PK-U	38.4	-22.4	0	56.39	-	-	74	-17.61	-	-	191	156	V
	* 11.491	27.51	ADR	38.4	-22.4	.09	43.6	54	-10.4	-	-	-	-	191	156	V
4	1.9	40.75	PK-U	31.1	-32.7	0	39.15	-	-	-	-	68.2	-29.06	226	249	V
3	16.726	30.55	PK-U	44.4	-18.1	0	56.85	-	-	-	-	68.2	-11.35	144	118	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



RADIATED EMISSIONS

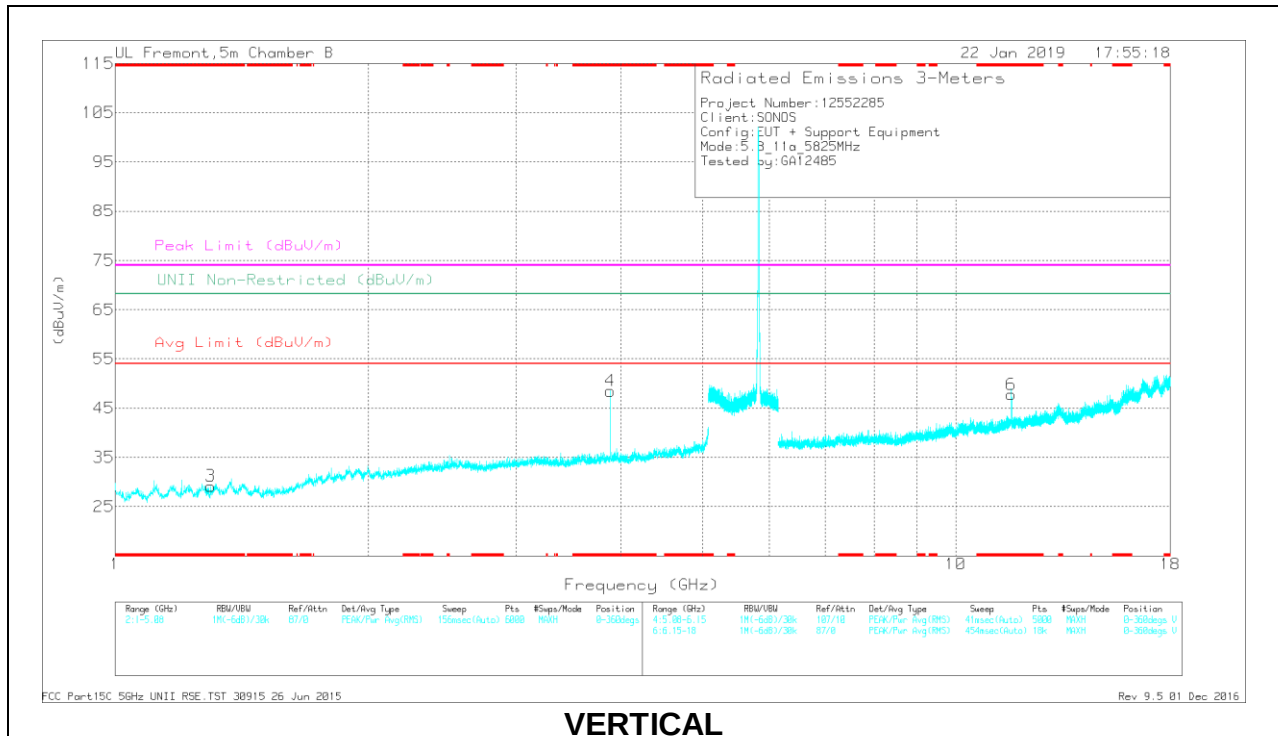
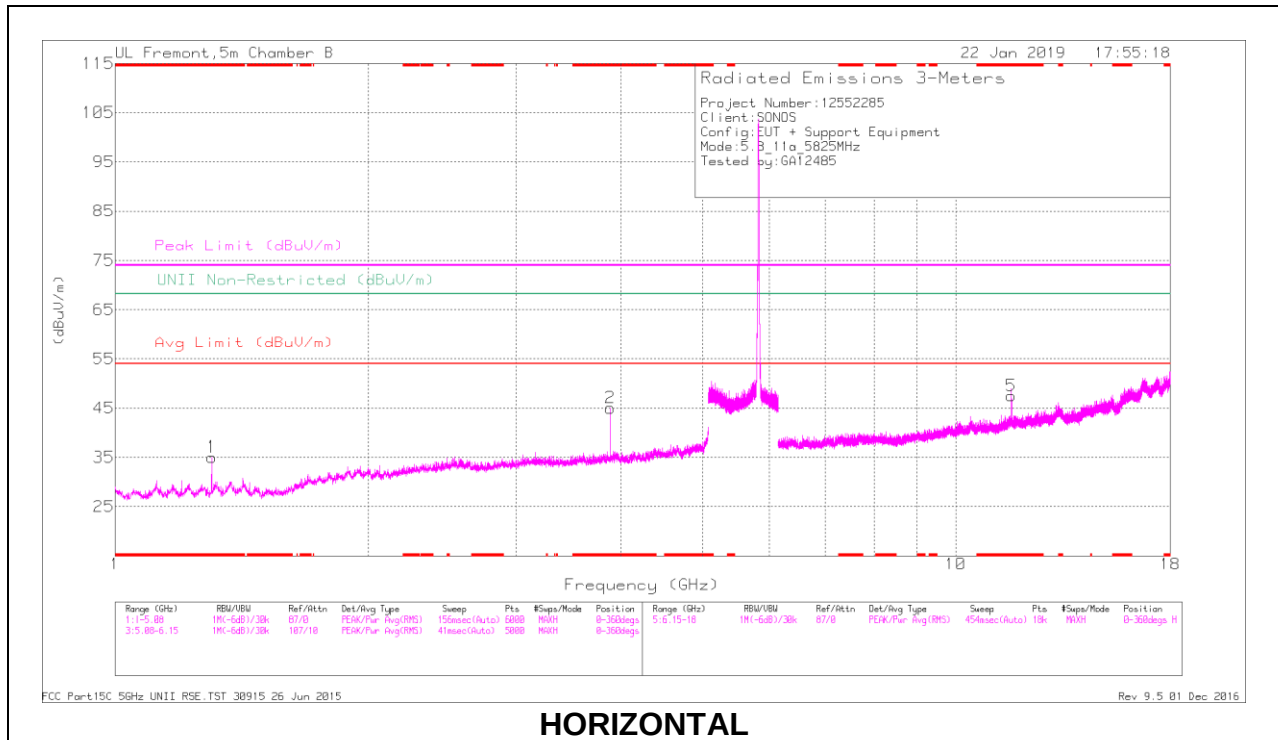
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 3.857	46.8	PK-U	33.4	-30.9	0	49.3	-	-	74	-24.7	-	-	39	161	H
	* 3.857	43.26	ADR	33.4	-30.9	.09	45.85	54	-8.15	-	-	-	-	39	161	H
4	* 3.857	48.91	PK-U	33.4	-30.9	0	51.41	-	-	74	-22.59	-	-	142	111	V
	* 3.857	45.48	ADR	33.4	-30.9	.09	48.07	54	-5.93	-	-	-	-	142	111	V
5	* 11.566	40.35	PK-U	38.6	-22	0	56.95	-	-	74	-17.05	-	-	154	102	H
	* 11.566	27.93	ADR	38.6	-22	.09	44.62	54	-9.38	-	-	-	-	154	102	H
6	* 11.567	39.47	PK-U	38.6	-22	0	55.07	-	-	74	-18.93	-	-	108	245	V
	* 11.567	24.03	ADR	38.6	-22	.09	40.72	54	-13.28	-	-	-	-	108	245	V
1	1.949	-41.3	PK-U	31	-32.1	0	40.2	-	-	-	-	68.2	-28	332	242	H
3	1.999	40.47	PK-U	30.9	-32.1	0	39.27	-	-	-	-	68.2	-28.93	19	205	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Port Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.302	41.17	PK-U	28.4	-34.1	0	35.47	-	-	74	-38.53	-	-	109	285	H
	* 1.304	29.01	ADR	28.4	-34.1	.09	23.4	54	-30.6	-	-	-	-	109	285	H
2	* 3.883	46.77	PK-U	33.4	-30.6	0	49.57	-	-	74	-24.43	-	-	38	186	H
	* 3.883	43.22	ADR	33.4	-30.6	.09	46.11	54	-7.89	-	-	-	-	38	186	H
3	* 1.298	40.86	PK-U	28.4	-34.1	0	35.16	-	-	74	-38.84	-	-	185	116	V
	* 1.298	28.8	ADR	28.4	-34.2	.09	23.09	54	-30.91	-	-	-	-	185	116	V
4	* 3.883	49.19	PK-U	33.4	-30.6	0	50.99	-	-	74	-23.01	-	-	140	105	V
	* 3.883	45.06	ADR	33.4	-30.6	.09	47.95	54	-6.05	-	-	-	-	140	105	V
5	* 11.646	40.38	PK-U	38.8	-21.5	0	57.68	-	-	74	-16.32	-	-	113	111	H
	* 11.647	27.3	ADR	38.8	-21.5	.09	44.69	54	-9.31	-	-	-	-	113	111	H
6	* 11.647	39.08	PK-U	38.8	-21.5	0	56.38	-	-	74	-17.62	-	-	188	208	V
	* 11.646	27.16	ADR	38.8	-21.5	.09	44.55	54	-9.45	-	-	-	-	188	208	V

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

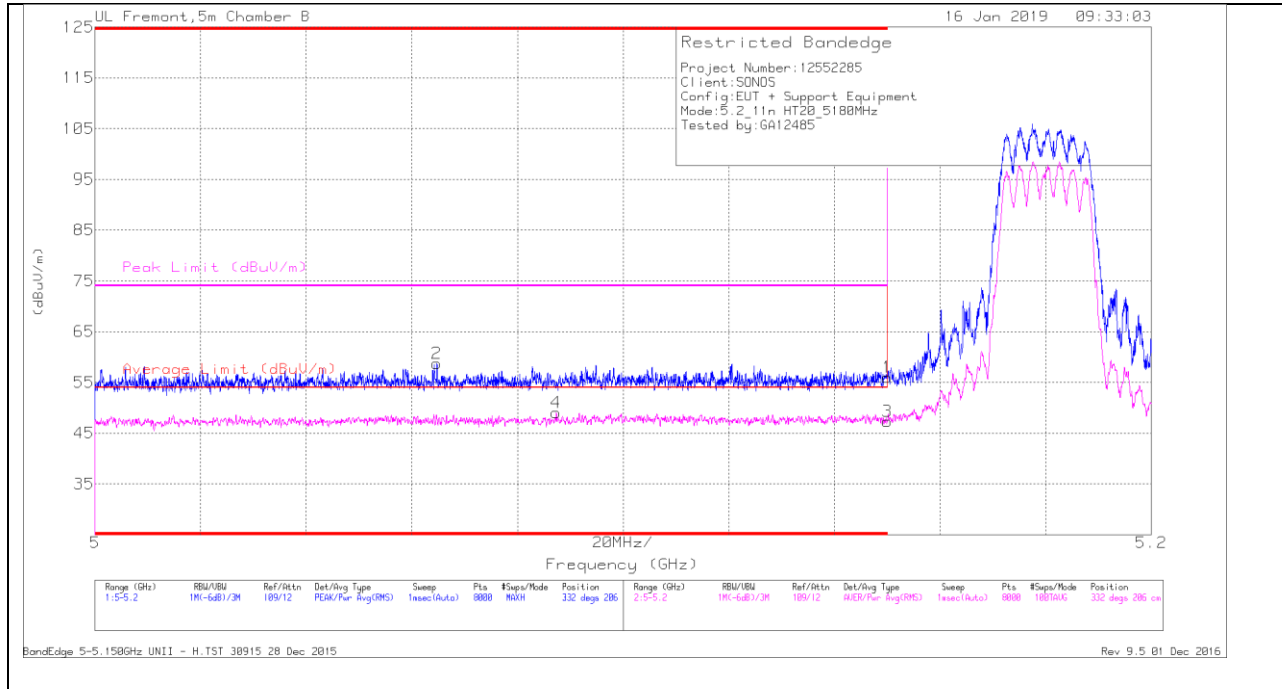
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.1.5. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.2 GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



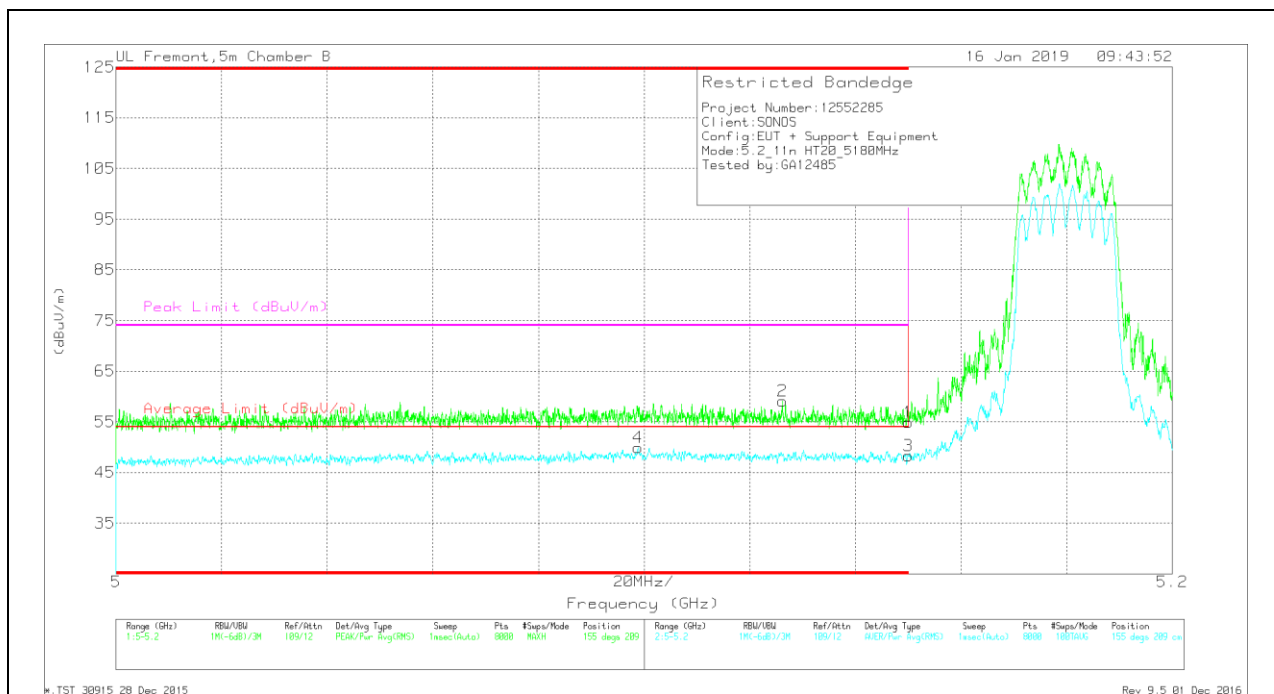
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Ampl/Chn/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.065	41.25	PK	34.5	-17	0	58.75	-	-	74	-15.25	332	206	H
4	* 5.087	31.18	RMS	34.5	-17	-32	49	54	-5	-	-	332	206	H
1	* 5.15	38.46	PK	34.6	-17.1	0	55.96	-	-	74	-18.04	332	206	H
3	* 5.15	29.49	RMS	34.6	-17.1	-32	47.31	54	-6.69	-	-	332	206	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	AFT863 (dB/m)	Amp/Cbiflir/P ad (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 5.099	32.27	RMS	34.5	-16.9	50.19	54	-3.81	-	-	155	209	V
2	* 5.126	41.63	Pk	34.6	-17.1	59.13	-	-	74	-14.87	155	209	V
1	* 5.15	37.41	Pk	34.6	-17.1	54.91	-	-	74	-19.09	155	209	V
3	* 5.15	30.75	RMS	34.6	-17.1	48.57	54	-5.43	-	-	155	209	V

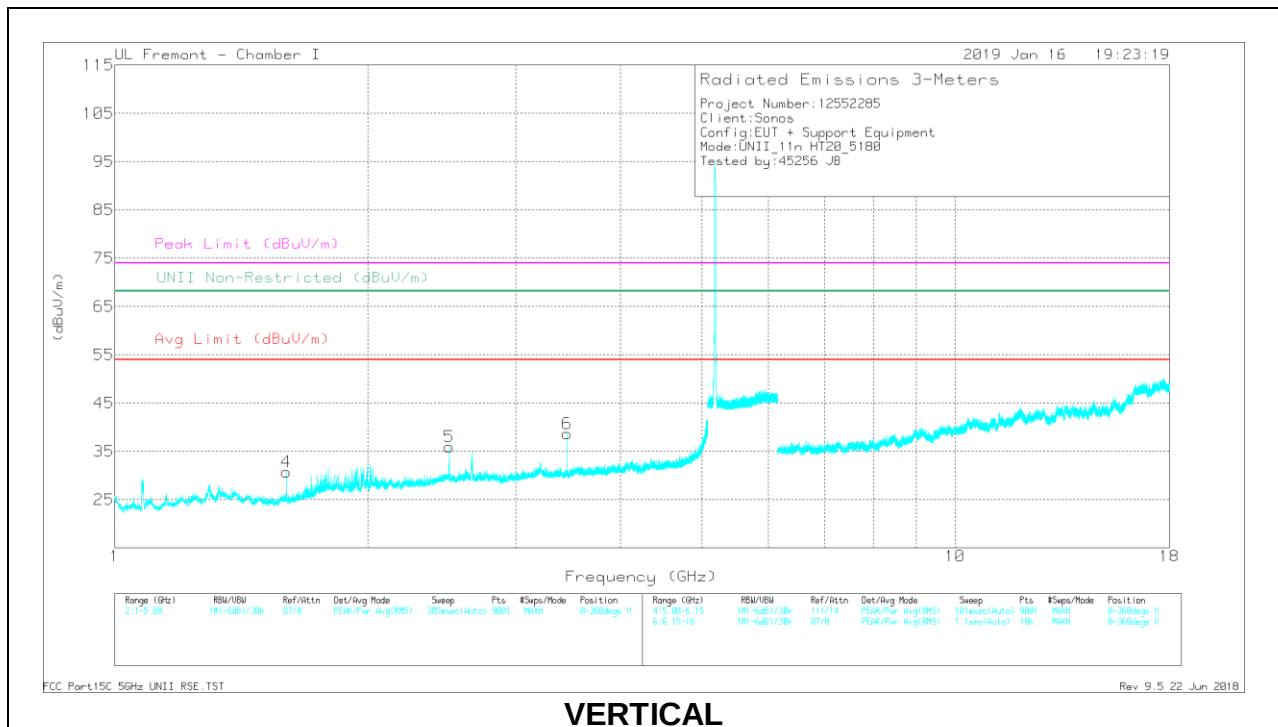
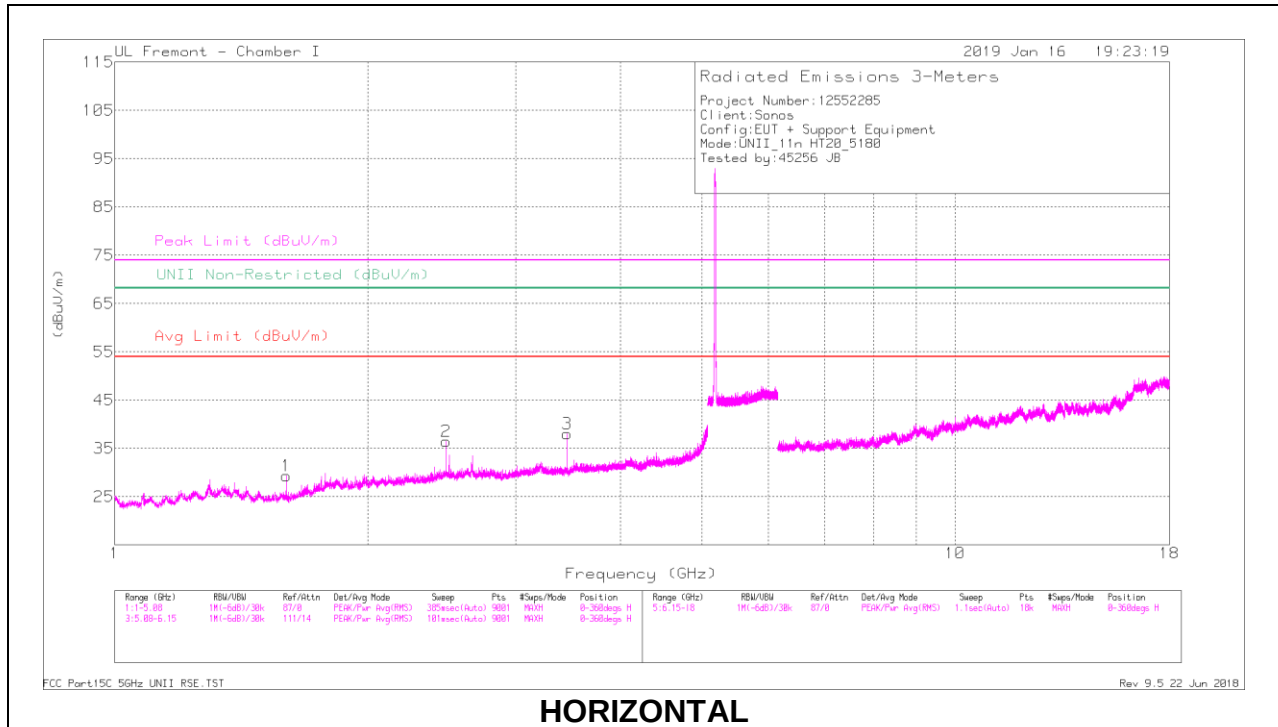
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

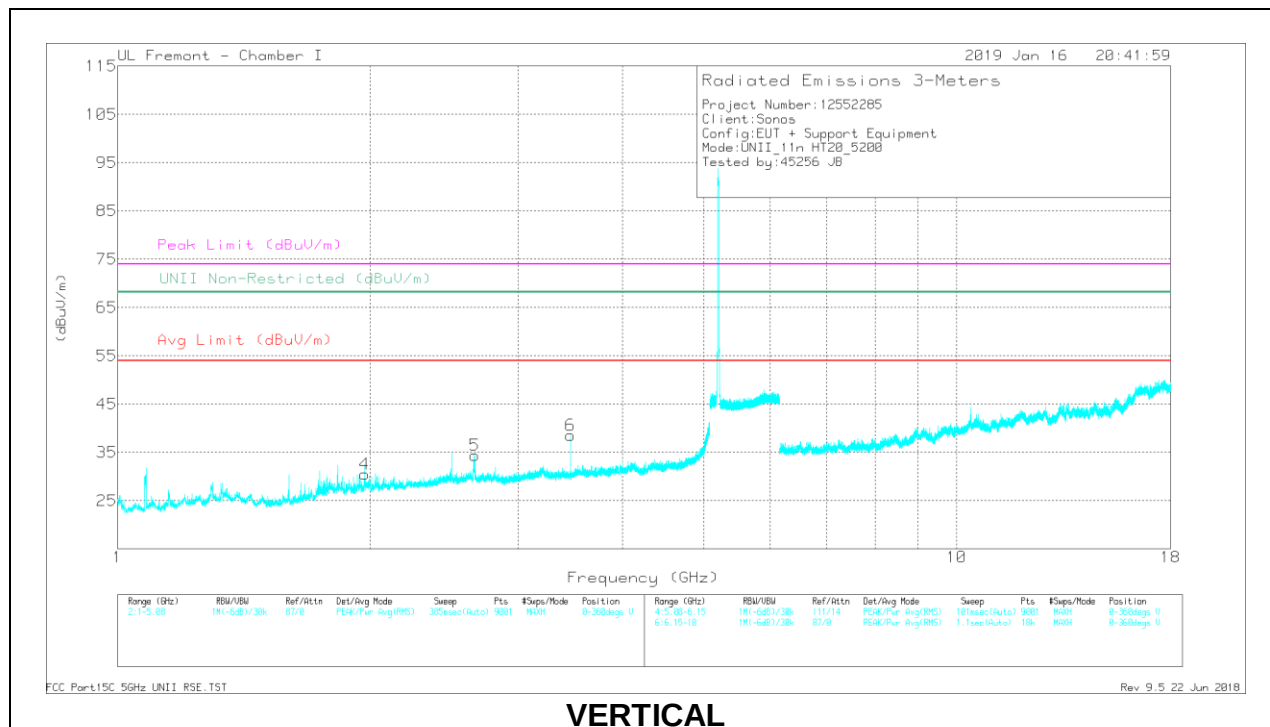
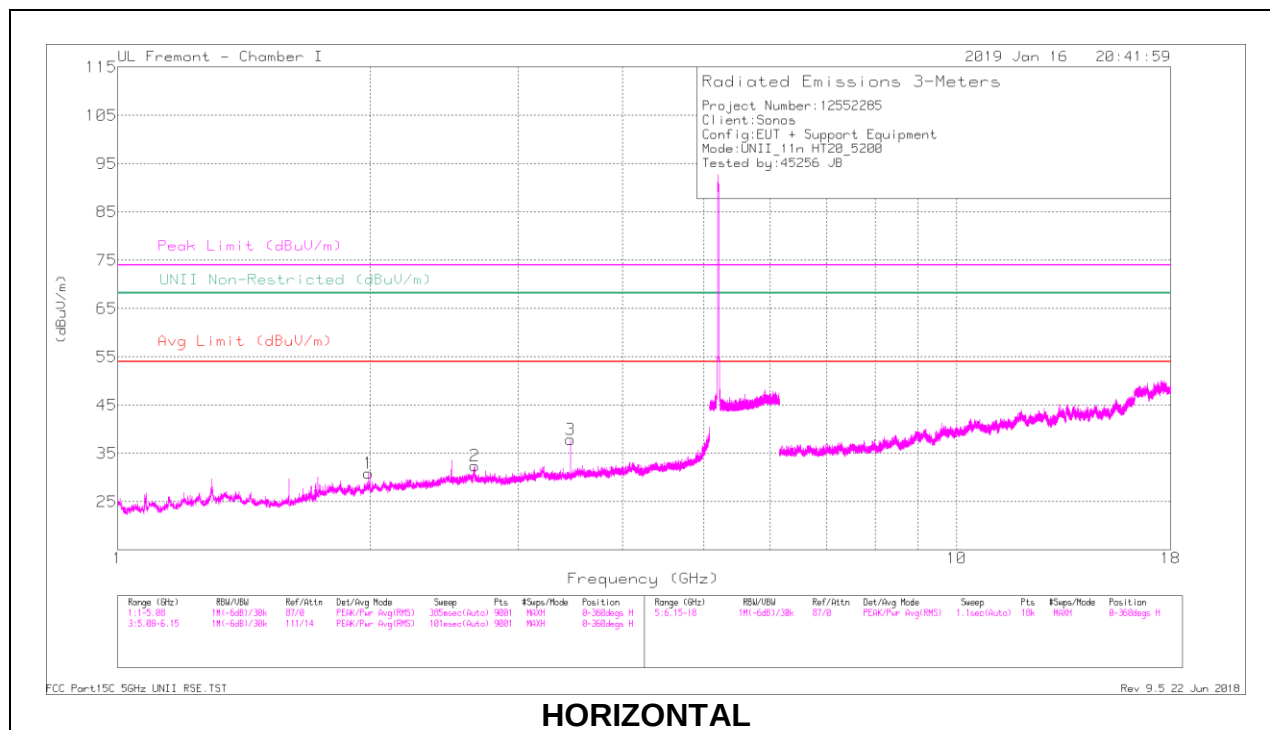
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T862 (dBm)	Amplifier Filter Pad (dB)	DC Corr (dB)	Correction Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULN Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.6	38.3	PK-U	28	-33	0	33.3	-	-	74	-40.7	-	-	88	373	H
* 1.6	29.04	ADR	28	-33	.32	24.36	54	-29.64	-	-	-	-	88	373	H
2.479	36.63	PK-U	32.4	-31.5	0	37.53	-	-	-	-	68.2	-30.67	160	147	H
3.453	39.12	PK-U	32.7	-30.4	0	41.42	-	-	-	-	68.2	-26.78	119	166	H
* 1.6	43.52	PK-U	28	-33	0	38.52	-	-	74	-35.48	-	-	121	296	V
* 1.6	32.4	ADR	28	-33	.32	27.72	54	-26.28	-	-	-	-	121	296	V
2.5	39.39	PK-U	32.5	-31.5	0	39.39	-	-	-	-	68.2	-28.81	89	305	V
3.453	38.99	PK-U	32.7	-30.4	0	41.29	-	-	-	-	68.2	-26.91	178	333	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

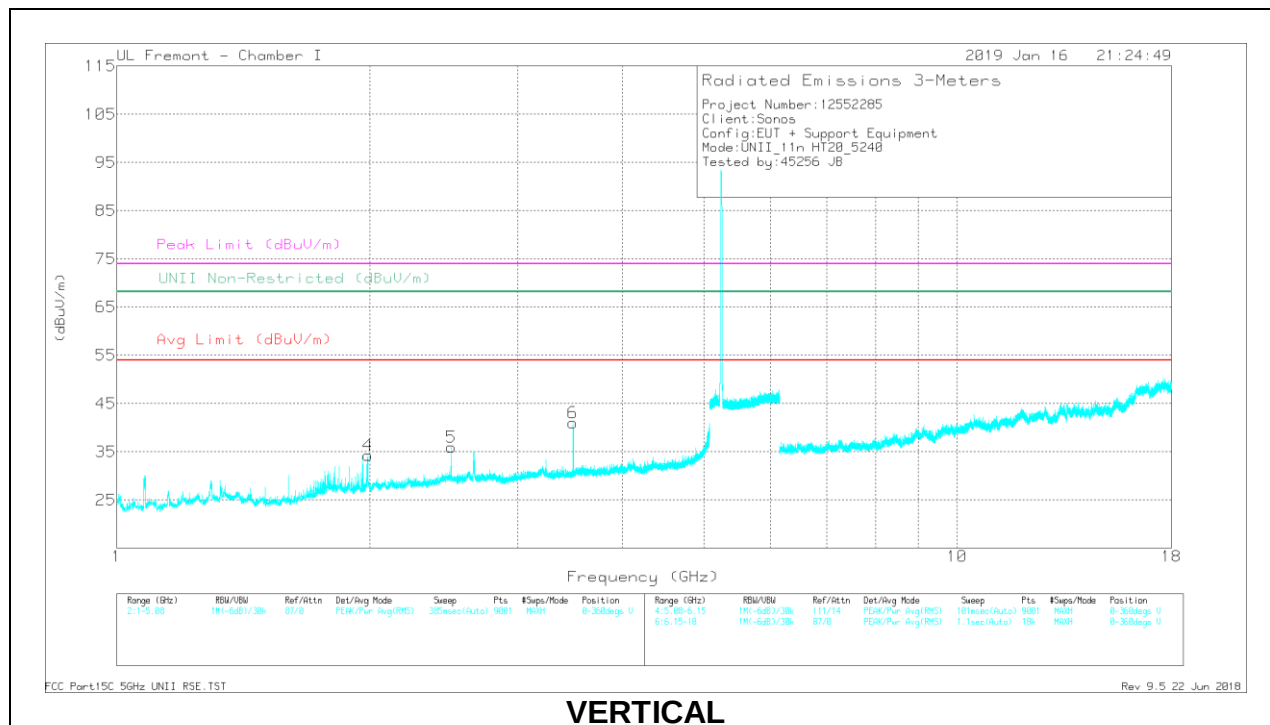
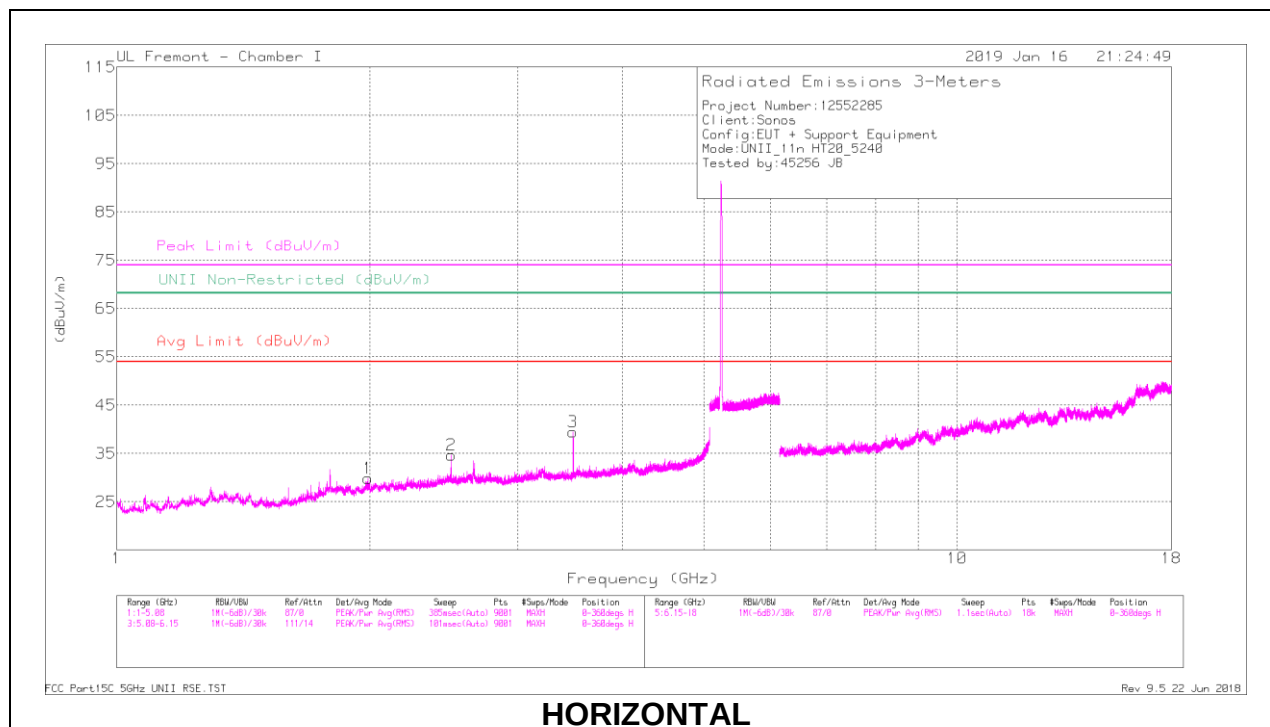
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T862 (dBm)	Amplifier Flat Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULI Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.666	41.85	PK-U	32.5	-31.5	0	42.85	-	-	74	-31.15	-	-	168	252	H
* 2.666	29.75	ADR	32.5	-31.5	.32	31.07	54	-22.93	-	-	-	-	168	252	H
1.992	42.49	PK-U	30.9	-32.4	0	40.99	-	-	-	-	68.2	-27.21	64	364	H
3.467	39.25	PK-U	32.7	-30.6	0	41.35	-	-	-	-	68.2	-26.85	120	196	H
* 2.666	44.65	PK-U	32.5	-31.5	0	45.65	-	-	74	-28.35	-	-	167	190	V
* 2.666	28.06	ADR	32.5	-31.5	.32	29.38	54	-24.62	-	-	-	-	167	190	V
1.967	41.62	PK-U	30.6	-32.5	0	39.92	-	-	-	-	68.2	-26.28	139	347	V
3.467	39.85	PK-U	32.7	-30.6	0	41.95	-	-	-	-	68.2	-26.25	178	264	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 T862 (dBm)	Amplifier Flat Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unl Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.5	41.17	PK-U	32.5	-31.5	0	42.17	-	-	74	-31.83	-	-	173	195	H
* 2.5	33.38	ADR	32.5	-31.5	.32	34.7	54	-19.3	-	-	-	-	173	195	H
1.992	38.31	PK-U	30.9	-32.4	0	36.81	-	-	-	-	68.2	-31.39	102	183	H
3.493	39.54	PK-U	32.8	-30.3	0	42.04	-	-	-	-	68.2	-26.16	119	195	H
* 2.5	41.18	PK-U	32.5	-31.5	0	42.18	-	-	74	-31.82	-	-	160	103	V
* 2.5	33.91	ADR	32.5	-31.5	.32	35.23	54	-18.77	-	-	-	-	160	103	V
1.989	45.18	PK-U	30.9	-32.4	0	43.68	-	-	-	-	68.2	-24.52	119	254	V
3.493	39.61	PK-U	32.8	-30.3	0	42.11	-	-	-	-	68.2	-26.09	175	219V	

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

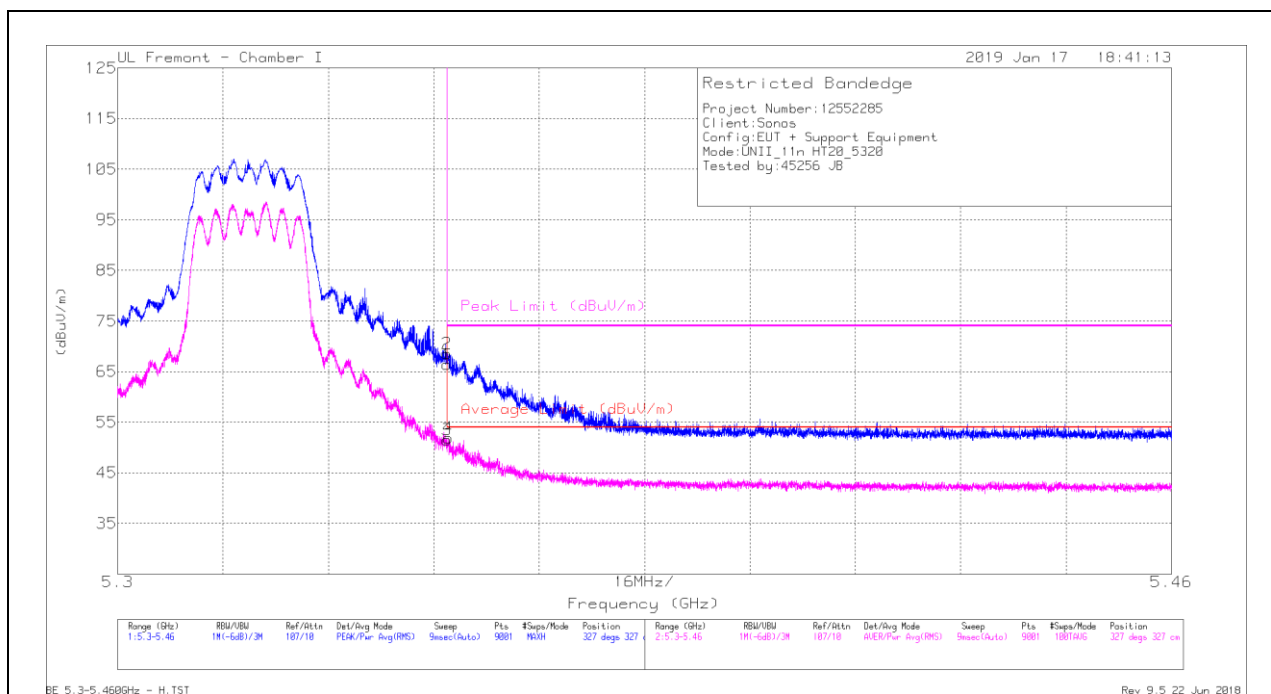
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



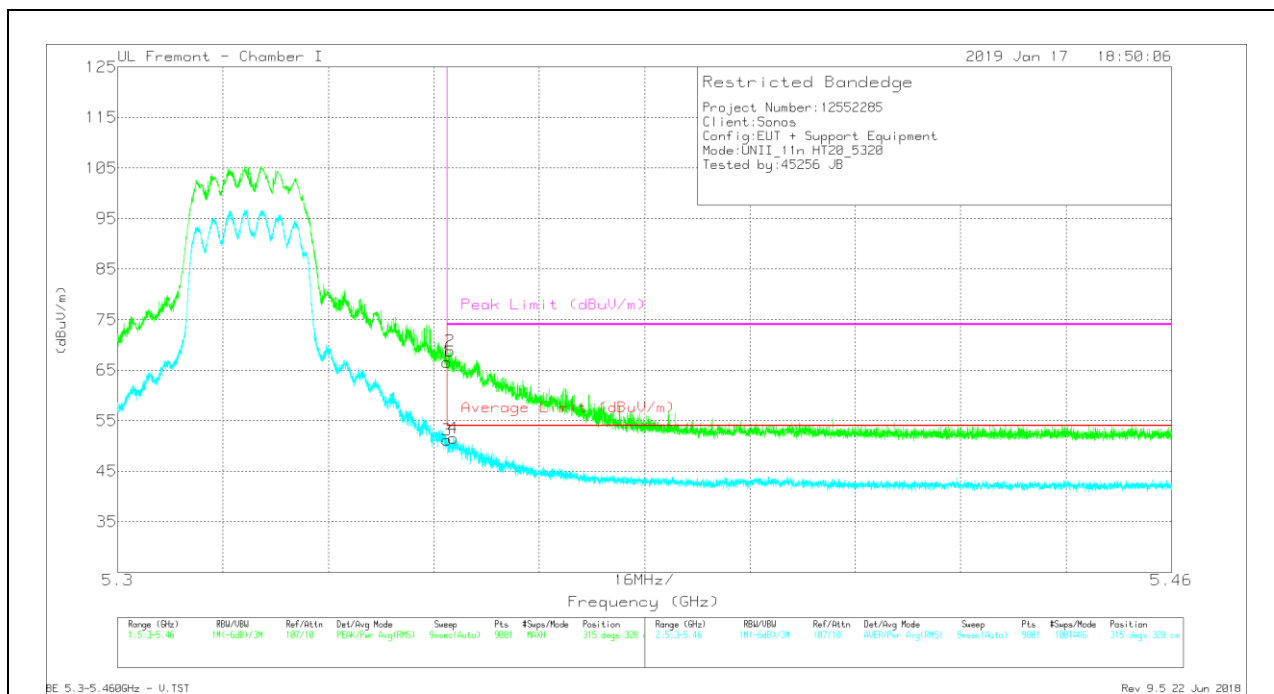
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dBm)	Ampl/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	50.22	Pk	34.5	-18.3	0	66.42	-	-	74	-7.58	327	327	H
2	* 5.35	52.32	Pk	34.5	-18.3	0	68.52	-	-	74	-5.48	327	327	H
3	* 5.35	35.05	RMS	34.5	-18.3	.32	51.57	54	-2.43	-	-	327	327	H
4	* 5.35	35.39	RMS	34.5	-18.3	.32	51.91	54	-2.09	-	-	327	327	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 T862 (dBm)	Amplifier/Filter/Pad (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	50.33	Pk	34.5	-18.3	0	68.53	-	-	74	-7.47	315	328	V
2	* 5.35	52.64	Pk	34.5	-18.3	0	68.84	-	-	74	-5.16	315	328	V
3	* 5.35	34.61	RMS	34.5	-18.3	-32	51.13	54	-2.87	-	-	315	328	V
4	* 5.351	34.99	RMS	34.5	-18.3	-32	51.51	54	-2.49	-	-	315	328	V

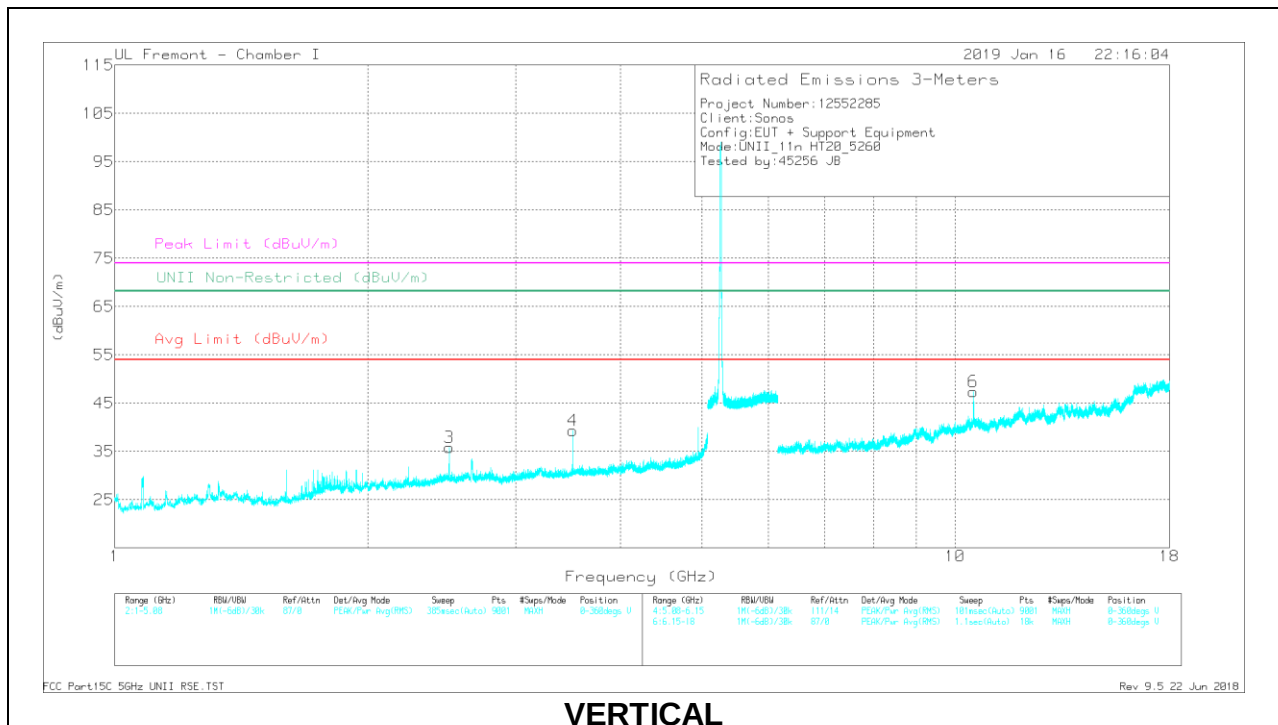
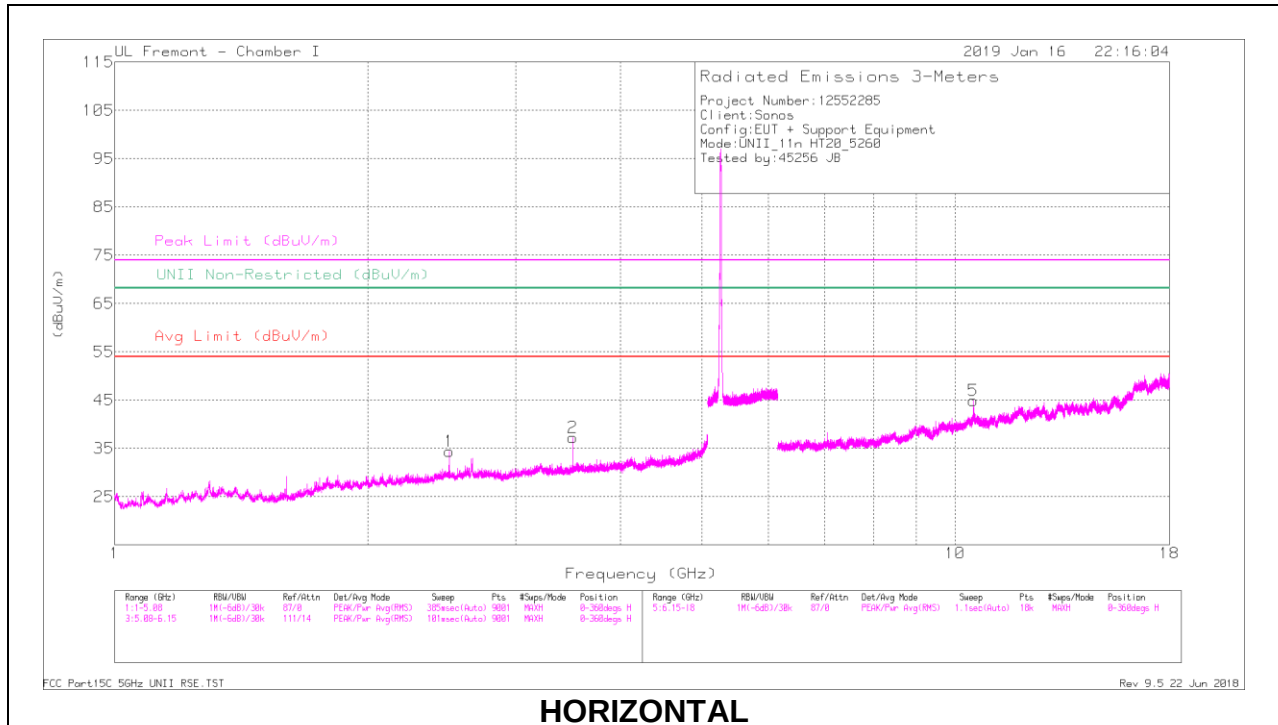
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

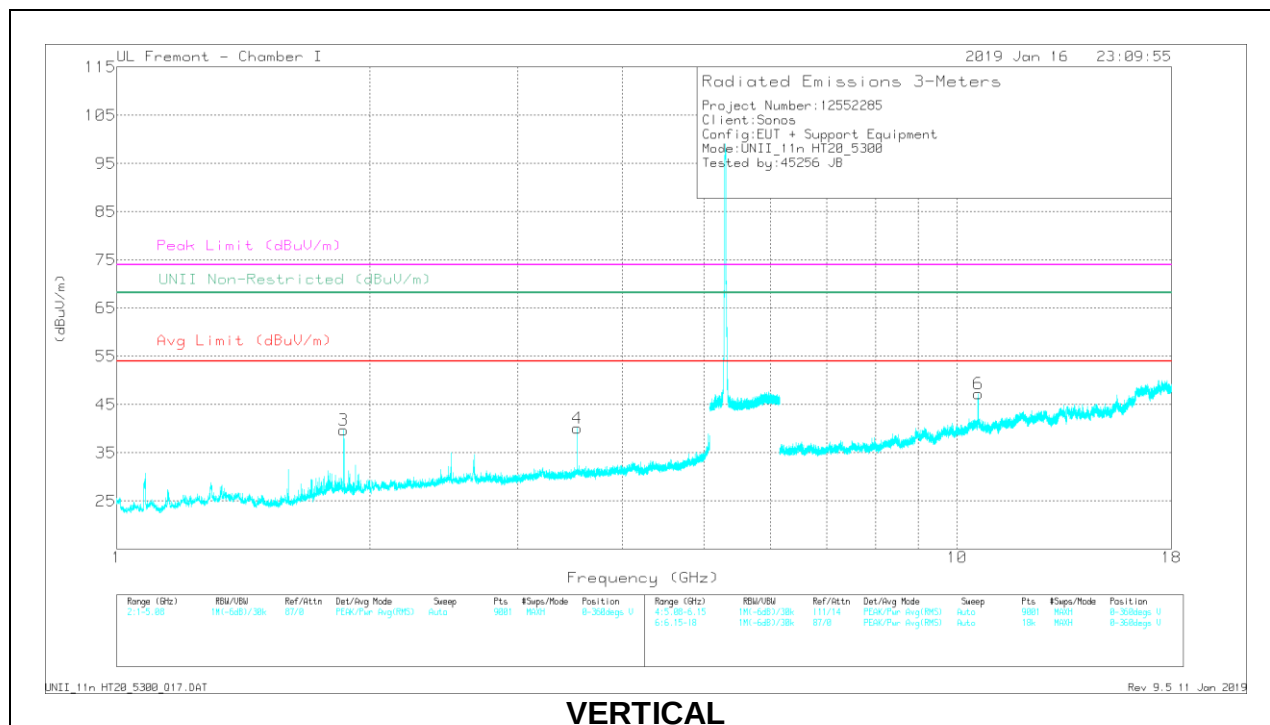
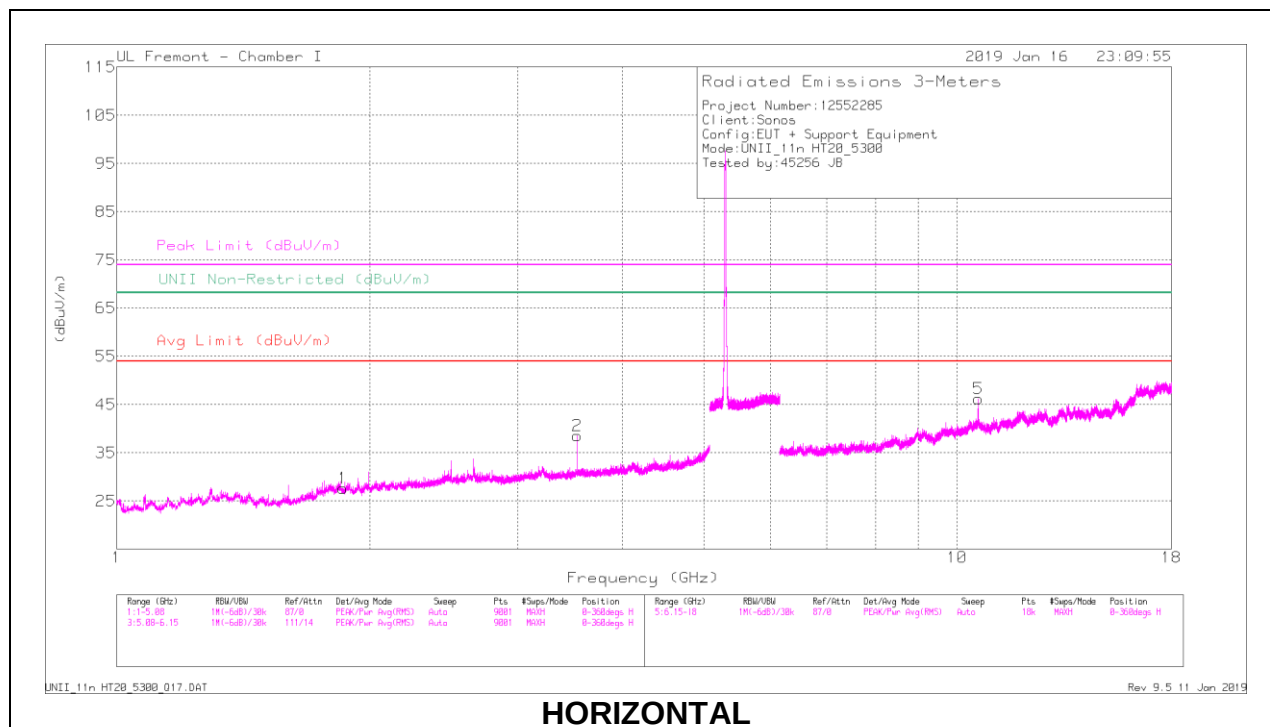
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T862 (dBm)	Amplifier Filter Pad (dB)	DC Corr (dB)	Correction Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULN Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.507	39.79	PK-U	32.9	-30.1	0	42.59	-	-	74	-31.41	-	-	122	188	H
* 3.507	33.78	ADR	32.9	-30.1	.32	36.9	54	-17.1	-	-	-	-	122	188	H
2.5	39.31	PK-U	32.5	-31.5	0	40.31	-	-	-	-	68.2	-27.89	182	145	H
* 3.507	39.11	PK-U	32.9	-30.1	0	41.91	-	-	74	-32.09	-	-	213	194	V
* 3.507	34.21	ADR	32.9	-30.1	.32	37.33	54	-16.67	-	-	-	-	213	194	V
2.5	40.08	PK-U	32.5	-31.5	0	41.08	-	-	-	-	68.2	-27.12	160	103	V
10.519	30.29	PK-U	37.6	-17	0	50.99	-	-	-	-	68.2	-17.31	290	266	H
10.519	32.71	PK-U	37.6	-17	0	53.31	-	-	-	-	68.2	-14.89	289	114	V

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

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL RESULTS



RADIATED EMISSIONS

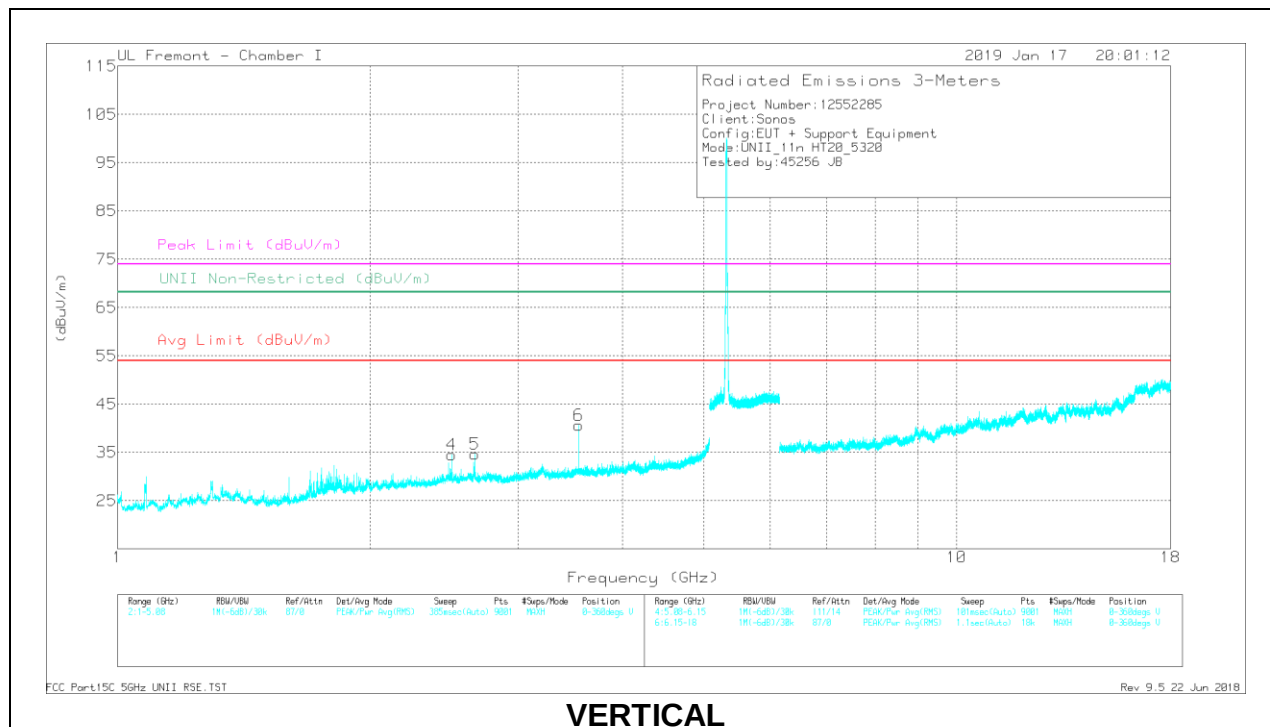
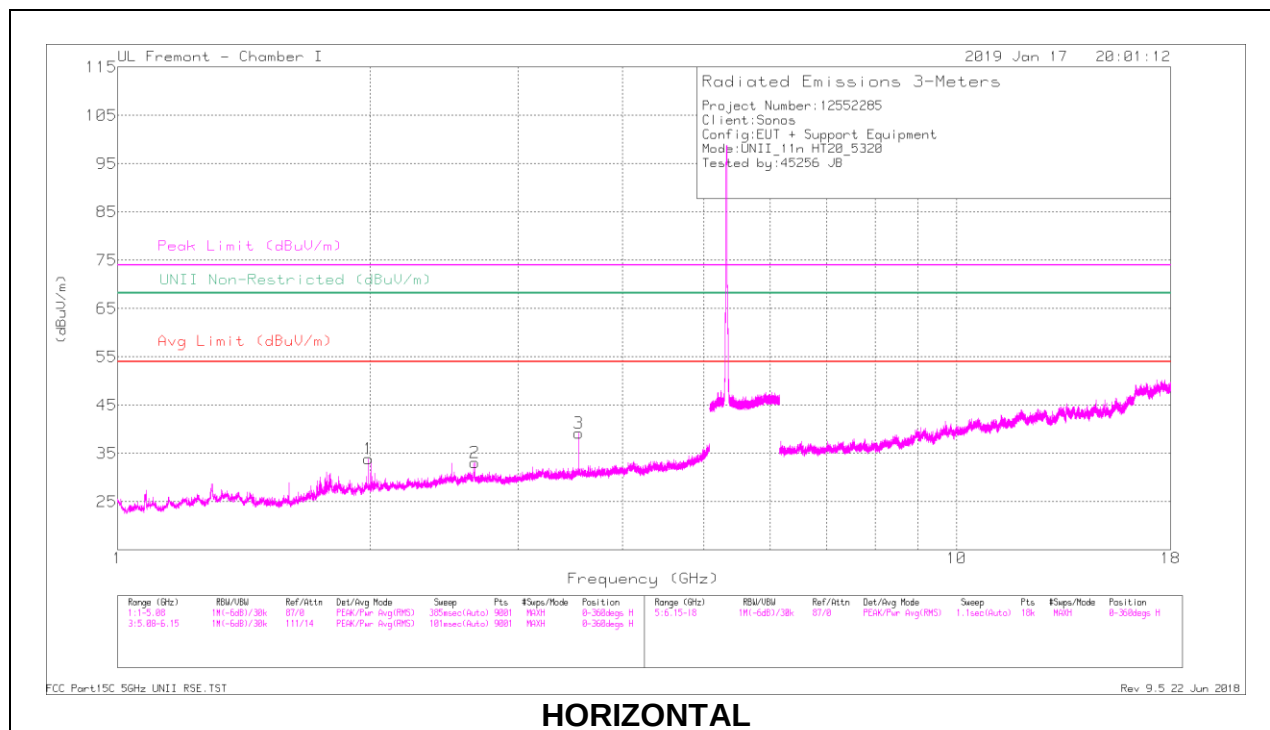
Frequency (GHz)	Measr Reading (dBuV)	Det	AF T862 (dBm)	Amp(Cal)forPa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.533	39.41	PK-U	33	-29.4	0	43.01	-	-	74	-30.99	-	-	121	355	H
* 3.533	34.05	ADR	33	-29.4	.32	37.97	54	-16.03	-	-	-	-	121	355	H
1.859	40.35	PK-U	30.8	-32.6	0	39.55	-	-	-	-	68.2	-29.64	18	297	H
* 3.533	39.58	PK-U	33	-29.4	0	43.18	-	-	74	-30.82	-	-	212	178	V
* 3.533	34.99	ADR	33	-29.4	.32	38.91	54	-15.09	-	-	-	-	212	178	V
1.864	39.85	PK-U	30.7	-32.6	0	37.95	-	-	-	-	68.2	-30.25	135	233	V
* 10.601	33.81	PK-U	37.8	-16.7	0	54.91	-	-	74	-19.09	-	-	155	102	H
* 10.602	24.13	ADR	37.8	-16.7	.32	45.55	54	-8.45	-	-	-	-	155	102	H
* 11.906	29.1	PK-U	38.3	-16.9	0	50.5	-	-	74	-23.5	-	-	296	111	V
* 11.634	18.44	ADR	38.7	-16.5	.32	40.96	54	-13.04	-	-	-	-	296	111	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 T862 (dBm)	Amplitude Reading (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	ULN Non- Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.666	42.86	PK-U	32.5	-31.5	0	43.86	-	-	74	-30.14	-	-	168	260	H
* 2.663	28.26	ADR	32.5	-31.4	.32	29.68	54	-24.32	-	-	-	-	168	260	H
* 3.546	38.83	PK-U	33	-29.4	0	42.43	-	-	74	-31.57	-	-	280	126	H
* 3.547	33.88	ADR	33	-29.4	.32	37.8	54	-16.2	-	-	-	-	280	126	H
1.991	36.89	PK-U	30.9	-32.4	0	35.39	-	-	-	-	68.2	-32.81	93	379	H
* 2.666	42.59	PK-U	32.5	-31.5	0	43.59	-	-	74	-30.41	-	-	163	248	V
* 2.665	28.42	ADR	32.5	-31.5	.32	29.74	54	-24.26	-	-	-	-	163	248	V
* 3.547	39.9	PK-U	33	-29.4	0	43.5	-	-	74	-30.5	-	-	333	293	V
* 3.547	35.99	ADR	33	-29.4	.32	39.91	54	-14.09	-	-	-	-	333	293	V
2.5	39.71	PK-U	32.5	-31.5	0	40.71	-	-	-	-	68.2	-27.49	282	171	V

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

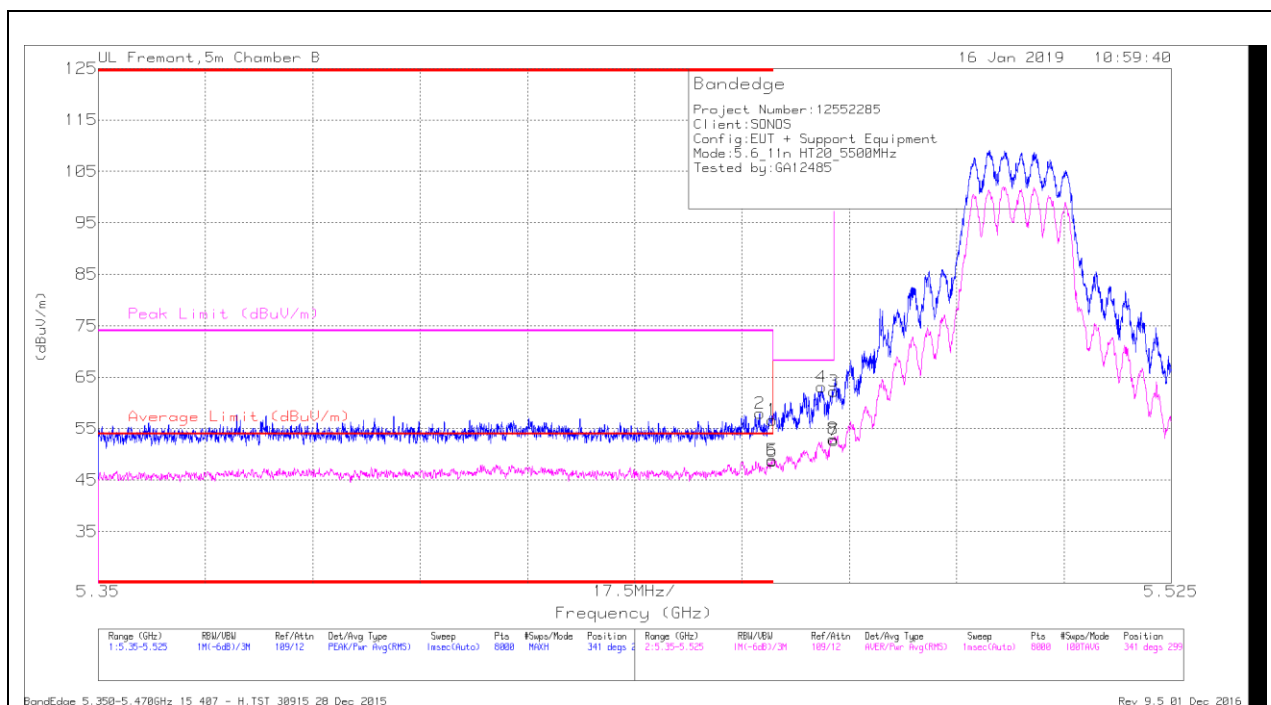
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



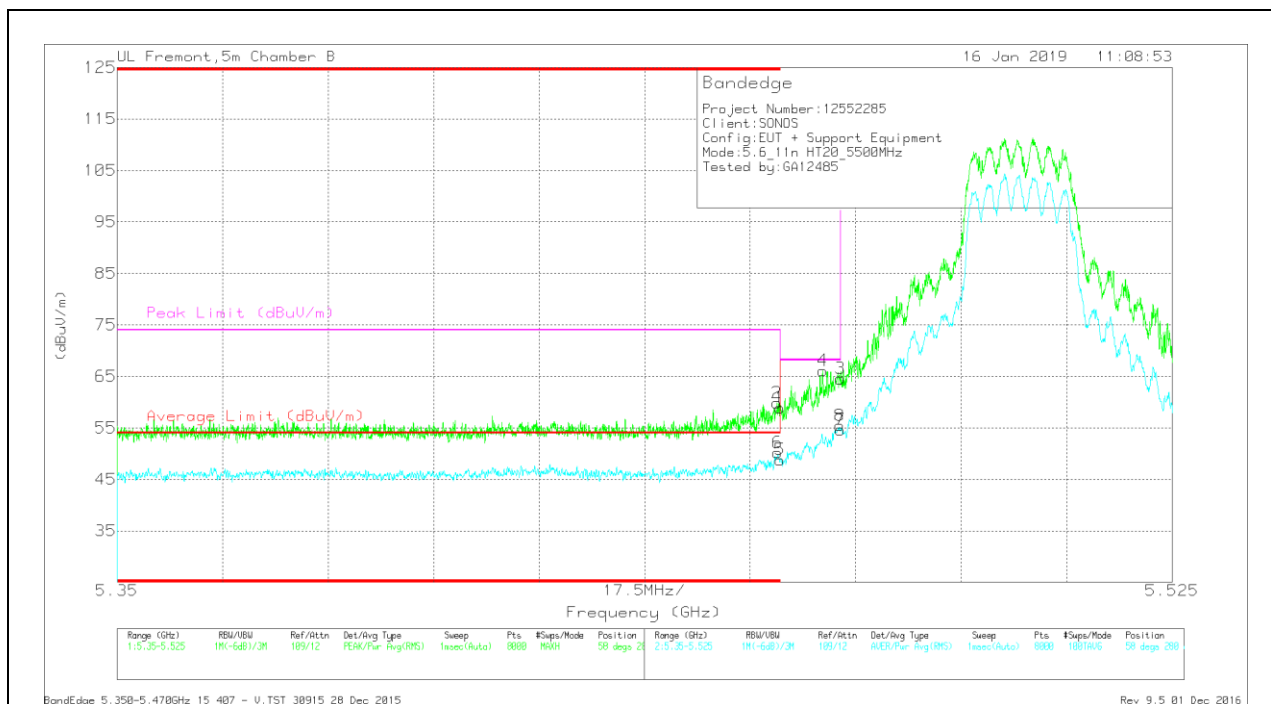
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/CbI/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 5.458	40.96	Pk	35.3	-18.3	0	57.96	-	-	74	-16.04	341	299	H
1	* 5.46	39.46	Pk	35.3	-18.1	0	56.66	-	-	74	-17.34	341	299	H
5	* 5.46	31.36	RMS	35.3	-18.1	32	48.88	54	-5.12	-	-	341	299	H
6	* 5.46	31.14	RMS	35.3	-18.1	32	48.66	54	-5.34	-	-	341	299	H
4	5.468	45.91	Pk	35.3	-18.1	0	63.11	-	-	68.2	-5.09	341	299	H
3	5.47	45.15	Pk	35.3	-18.2	0	62.25	-	-	68.2	-5.95	341	299	H
7	5.47	35.26	RMS	35.3	-18.2	32	52.68	-	-	-	-	341	299	H
8	5.47	35.58	RMS	35.3	-18.2	32	53	-	-	-	-	341	299	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 T863 (dBm)	Ampl/Cbl/Filt/Pad (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
2	* 5.459	42.63	PK	35.3	-18.1	0	59.83	-	-	74	-14.17	58	280	V
1	* 5.46	41.73	PK	35.3	-18.1	0	58.93	-	-	74	-15.07	58	280	V
5	* 5.46	30.98	RMS	35.3	-18.1	.32	48.5	54	-5.5	-	-	58	280	V
6	* 5.46	32.35	RMS	35.3	-18.1	.32	49.87	54	-4.13	-	-	58	280	V
4	5.467	49.1	PK	35.3	-18.3	0	66.1	-	-	68.2	-2.1	58	280	V
3	5.47	47.48	PK	35.3	-18.2	0	64.58	-	-	68.2	-3.62	58	280	V
7	5.47	36.95	RMS	35.3	-18.2	.32	54.37	-	-	-	-	58	280	V
8	5.47	37.74	RMS	35.3	-18.2	.32	55.16	-	-	-	-	58	280	V

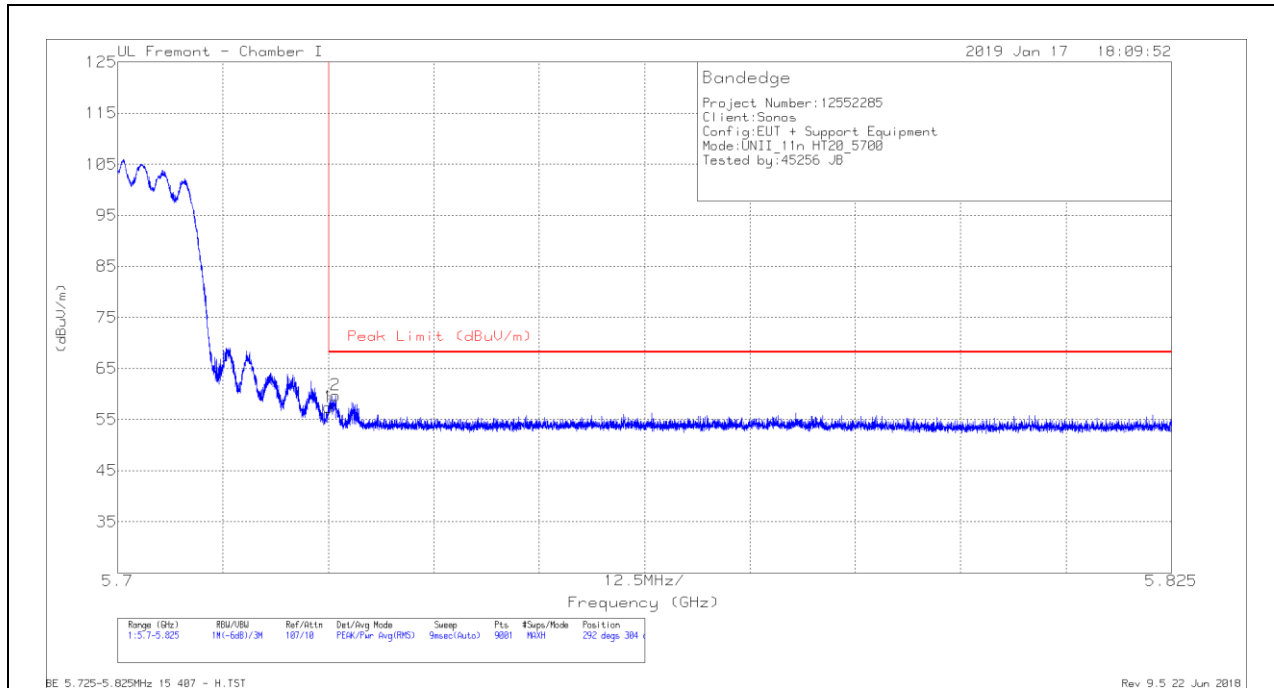
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

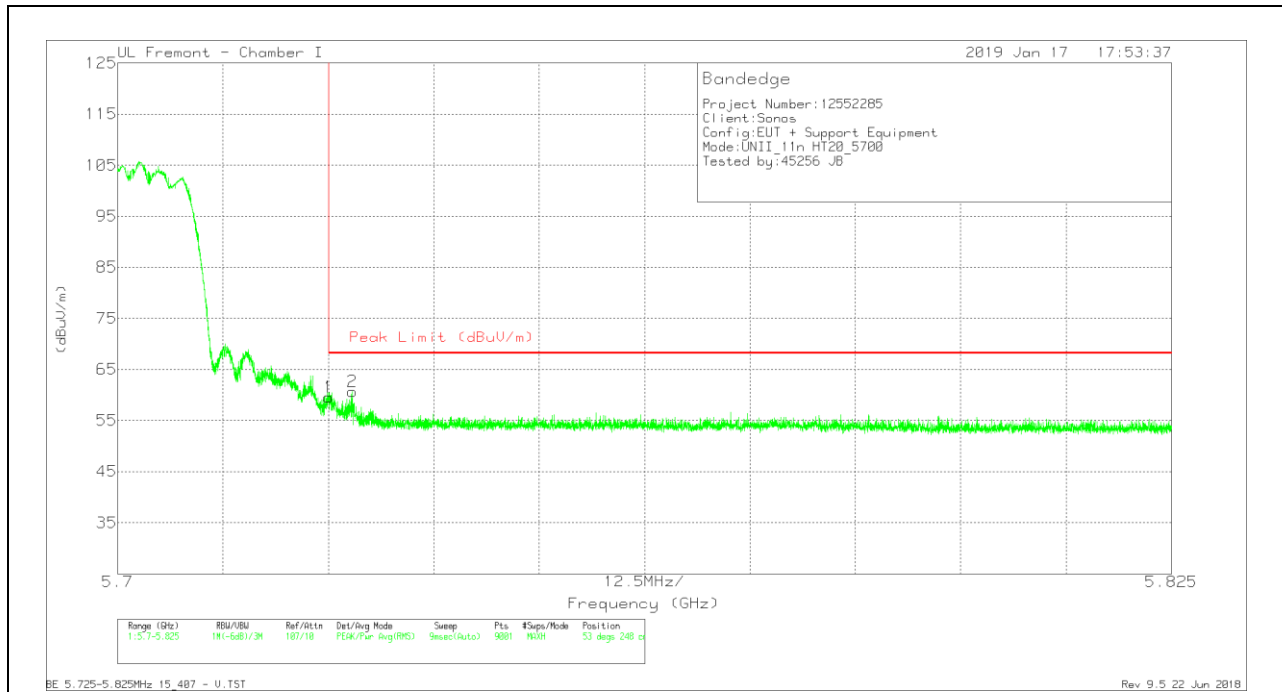
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.93	Pk	35	-18.5	0	57.43	68.2	-10.77	292	304	H
2	5.726	43.26	Pk	35	-18.5	0	59.76	68.2	-8.44	292	304	H

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

VERTICAL RESULT

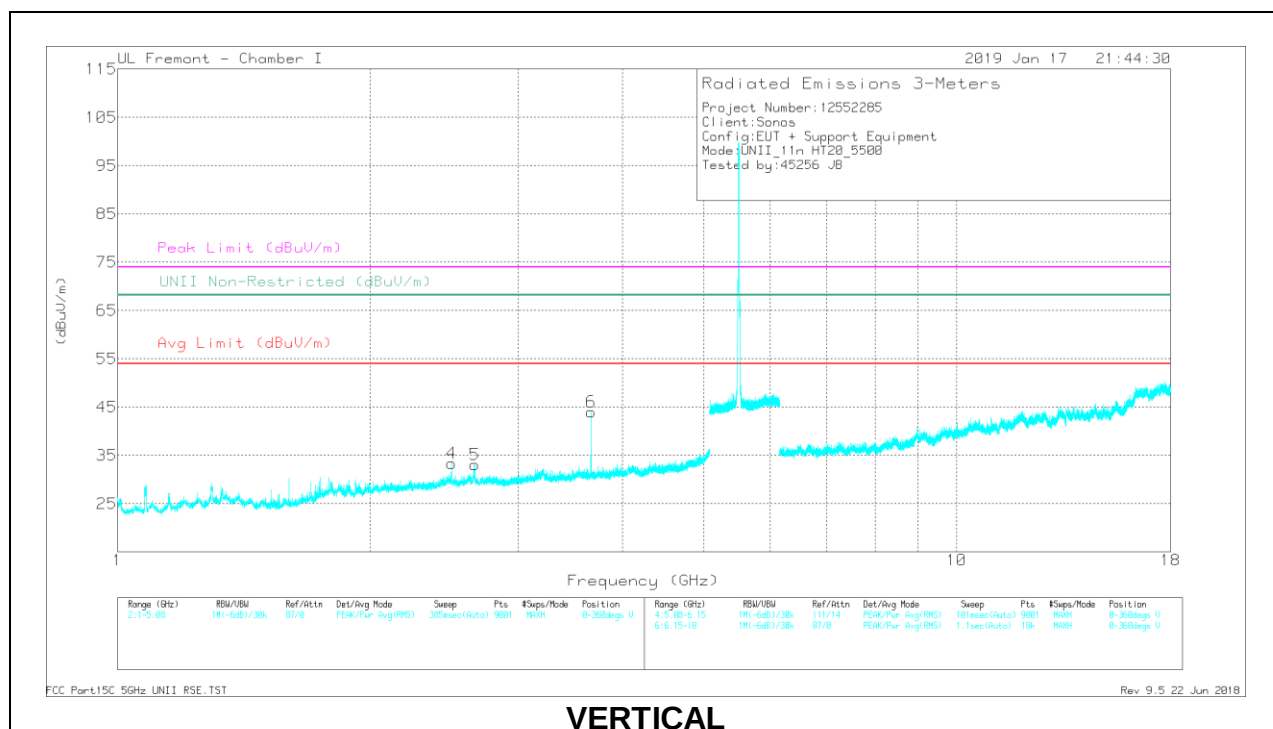
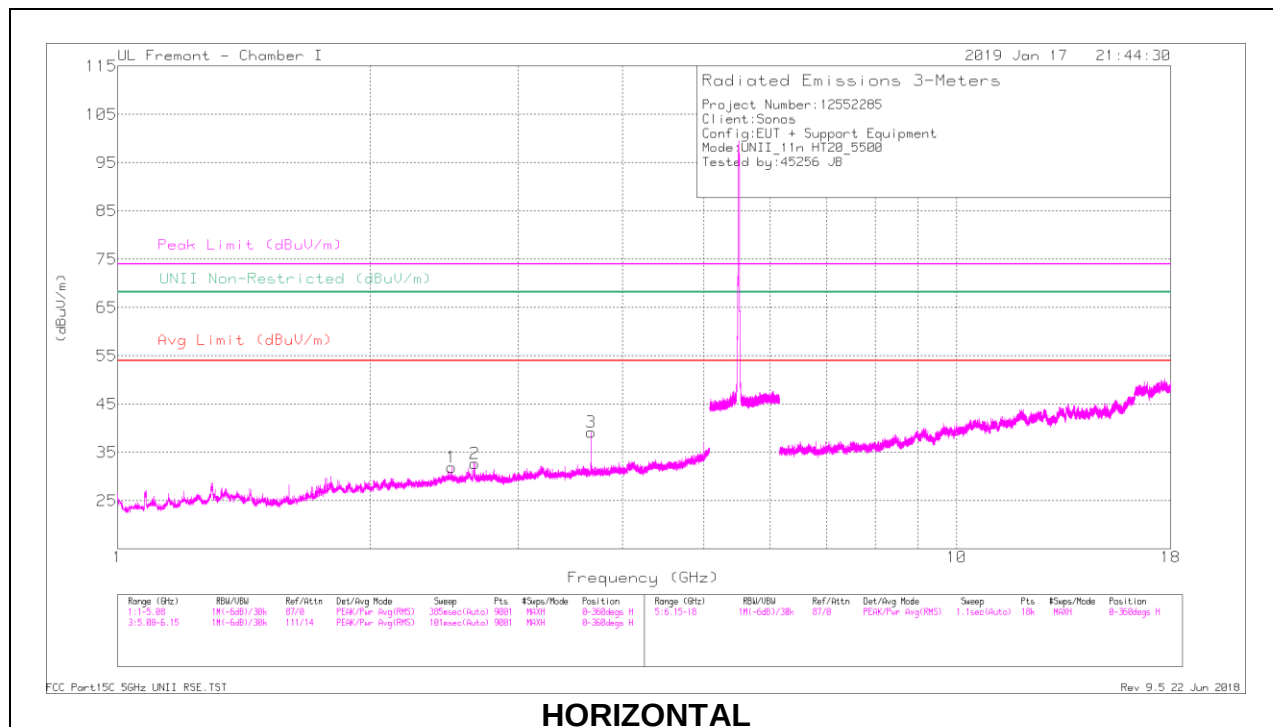


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.03	Pk	35	-18.5	0	59.53	68.2	-8.67	53	248	V
2	5.728	44.13	Pk	35	-18.5	0	60.63	68.2	-7.57	53	248	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Radiated Emissions

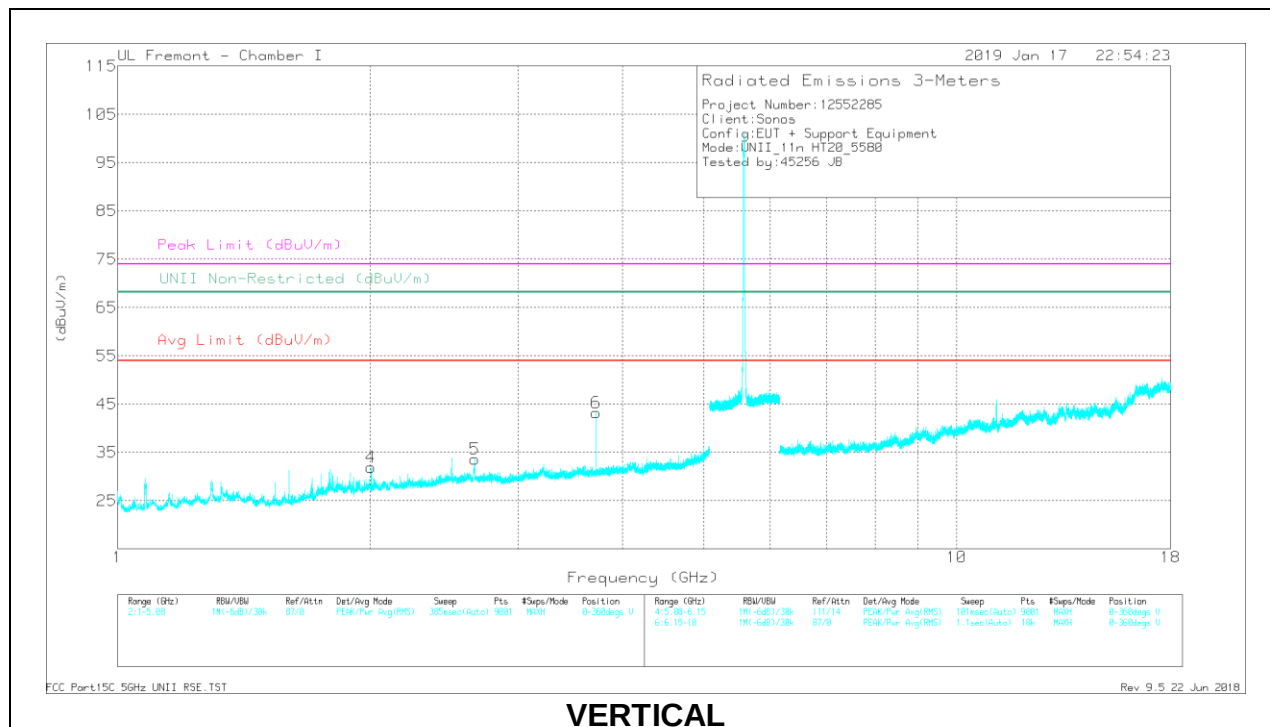
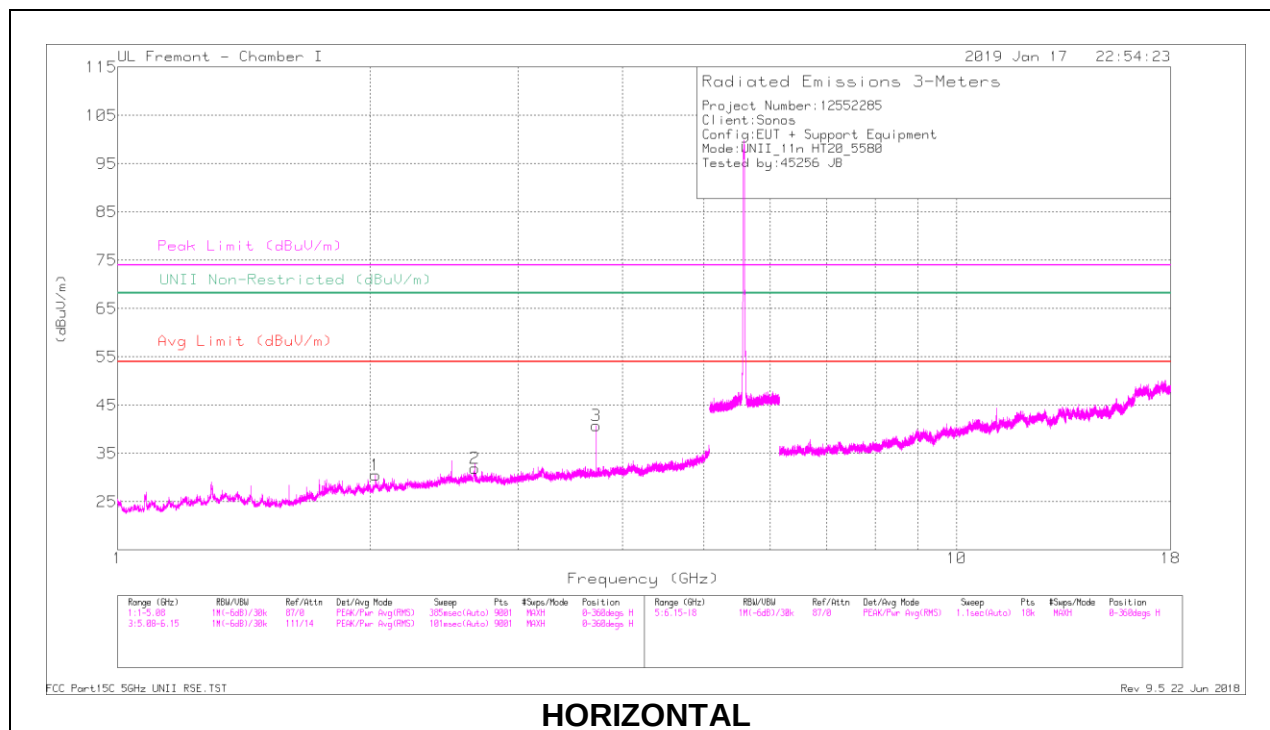
Frequency (GHz)	Meas Reading (dBuV)	Det	AF YBIZ (dBm)	Amplifier Filter Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.5	40.9	PK-U	32.5	-31.5	0	41.9	-	-	74	-32.1	-	-	182	112	H
* 2.5	32.26	ADR	32.5	-31.5	32	33.58	54	-20.42	-	-	-	-	182	112	H
* 2.666	41.51	PK-U	32.5	-31.5	0	42.51	-	-	74	-31.49	-	-	162	344	H
* 2.664	29.58	ADR	32.5	-31.5	32	29.9	54	-24.1	-	-	-	-	162	344	H
* 3.667	40.44	PK-U	33	-29.5	0	43.94	-	-	74	-30.06	-	-	280	380	H
* 3.667	36.07	ADR	33	-29.5	32	39.89	54	-14.11	-	-	-	-	280	380	H
* 2.5	40.43	PK-U	32.5	-31.5	0	41.43	-	-	74	-32.57	-	-	281	386	V
* 2.5	31.84	ADR	32.5	-31.5	32	33.16	54	-20.84	-	-	-	-	281	386	V
* 2.666	42.74	PK-U	32.5	-31.5	0	43.74	-	-	74	-30.26	-	-	162	257	V
* 2.666	28.52	ADR	32.5	-31.5	32	29.84	54	-24.16	-	-	-	-	162	257	V
* 3.667	40.51	PK-U	33	-29.5	0	44.01	-	-	74	-29.99	-	-	50	133	V
* 3.667	36.61	ADR	33	-29.5	32	40.43	54	-13.57	-	-	-	-	50	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

Radiated Emissions

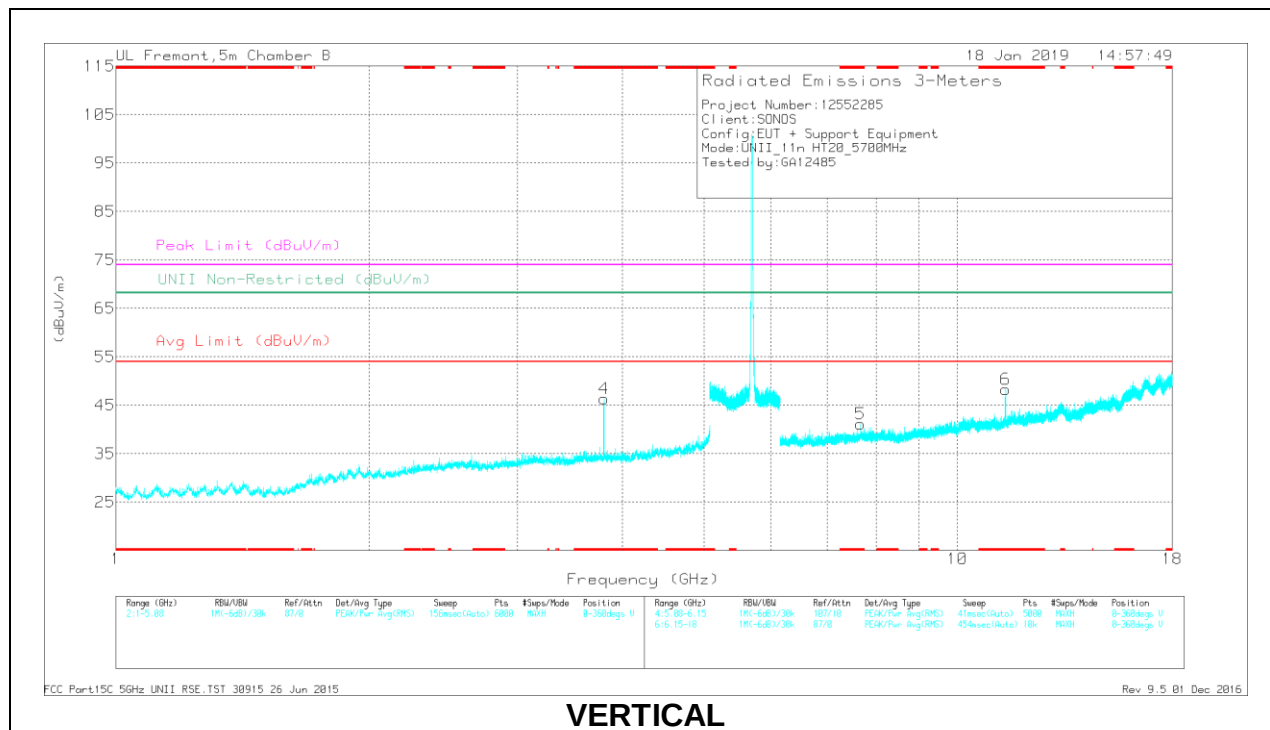
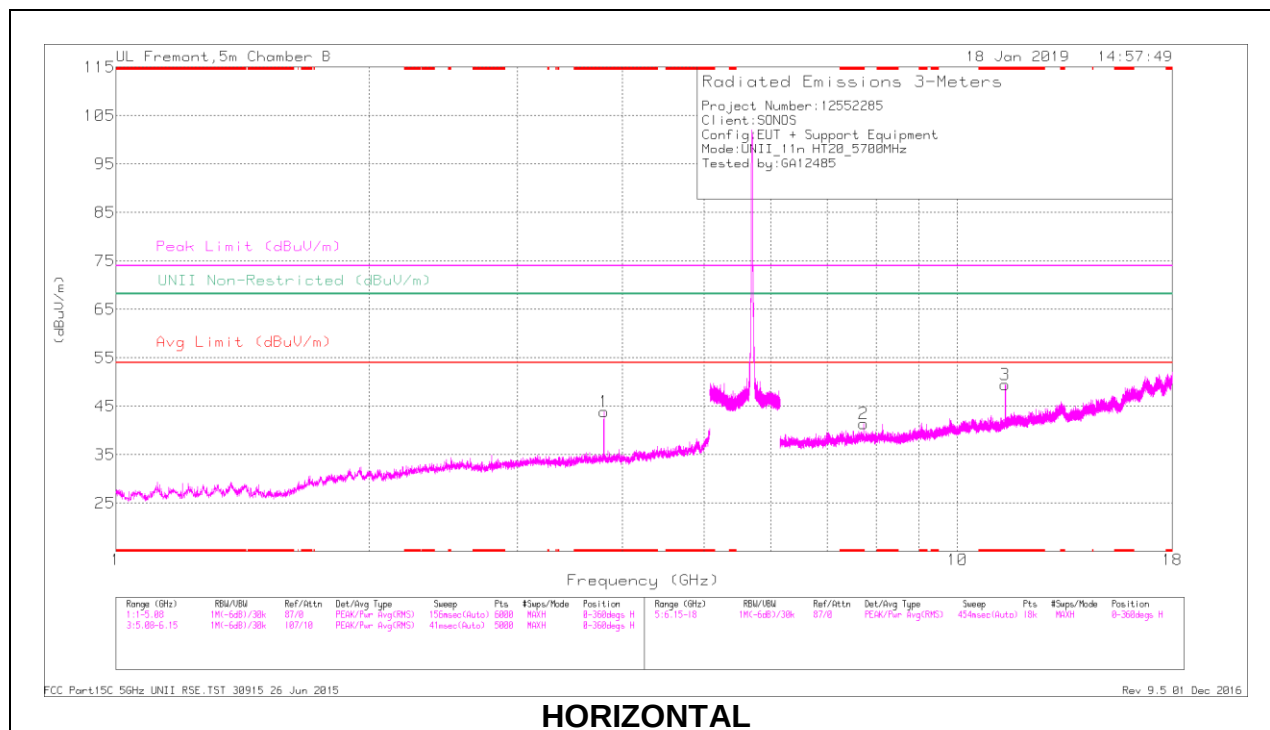
Frequency (GHz)	Meas Reading (dBuV)	Det	AF YBIZ (dBm)	AmplCaliFiltPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	U/NII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.032	37.81	PK-U	31	-32.1	0	36.71	-	-	-	-	68.2	-31.49	4	290	H
2.031	28.3	ADR	31	-32.1	32	27.52	-	-	-	-	-	-	4	290	H
* 2.664	40.71	PK-U	32.5	-31.5	0	41.71	-	-	74	-32.29	-	-	153	364	H
* 2.663	26.23	ADR	32.5	-31.4	32	29.65	54	-24.35	-	-	-	-	153	364	H
* 3.72	40.48	PK-U	32.9	-29.2	0	44.18	-	-	74	-29.82	-	-	25	102	H
* 3.72	36.22	ADR	32.9	-29.2	32	40.24	54	-13.76	-	-	-	-	25	102	H
2.007	39.68	PK-U	30.9	-32.2	0	37.38	-	-	-	-	68.2	-30.82	141	283	V
2.006	27.72	ADR	30.9	-32.2	32	25.74	-	-	-	-	-	-	141	283	V
* 2.666	41.7	PK-U	32.5	-31.5	0	42.7	-	-	74	-31.3	-	-	165	266	V
* 2.666	29.88	ADR	32.5	-31.5	32	31.2	54	-22.8	-	-	-	-	165	266	V
* 3.72	42.61	PK-U	32.9	-29.2	0	46.31	-	-	74	-27.69	-	-	197	379	V
* 3.72	39.33	ADR	32.9	-29.2	32	43.35	54	-10.65	-	-	-	-	197	379	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

Radiated Emissions

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF Y863 (dBm)	AmplChdFtrPad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unlit Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.8	45.75	PK-U	33.4	-30.6	0	49.55	-	-	74	-25.45	-	-	98	217	H
	* 3.8	41.7	ADR	33.4	-30.6	32	44.82	54	-9.18	-	-	-	-	98	217	H
4	* 3.8	46.97	PK-U	33.4	-30.6	0	49.77	-	-	74	-24.23	-	-	147	120	V
	* 3.8	43.54	ADR	33.4	-30.6	32	46.66	54	-7.34	-	-	-	-	147	120	V
2	* 7.736	35.63	PK-U	36.4	-26	0	46.03	-	-	74	-27.97	-	-	287	131	H
	* 7.733	23.47	ADR	36.4	-25.9	32	34.29	54	-19.71	-	-	-	-	287	131	H
3	* 11.395	41.49	PK-U	38.4	-22.6	0	57.29	-	-	74	-16.71	-	-	99	138	H
	* 11.396	30.33	ADR	38.4	-22.6	32	46.45	54	-7.55	-	-	-	-	99	138	H
5	* 7.665	36.37	PK-U	36.4	-27.3	0	45.47	-	-	74	-28.53	-	-	90	262	V
	* 7.667	24.53	ADR	36.4	-27.3	32	33.95	54	-20.05	-	-	-	-	90	262	V
6	* 11.401	39.78	PK-U	38.4	-22.6	0	55.58	-	-	74	-18.42	-	-	194	190	V
	* 11.401	28.77	ADR	38.4	-22.6	32	44.89	54	-9.11	-	-	-	-	194	190	V

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

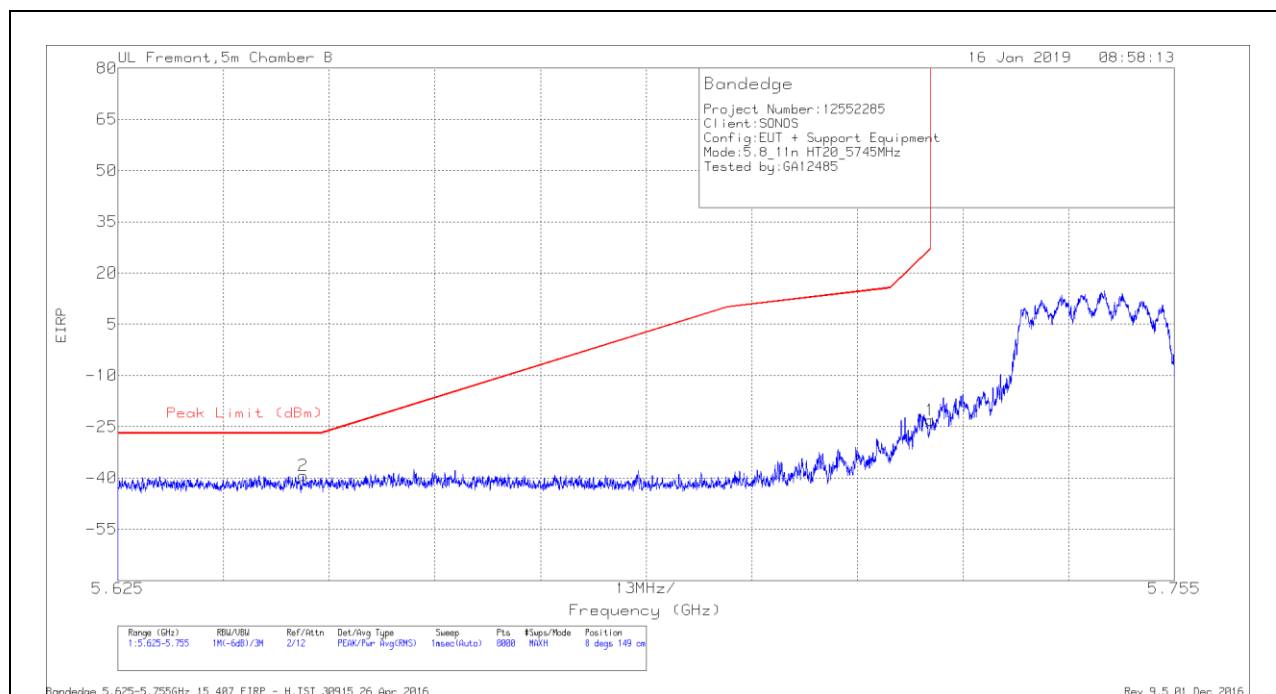
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

BANDEDGE (LOW CHANNEL)

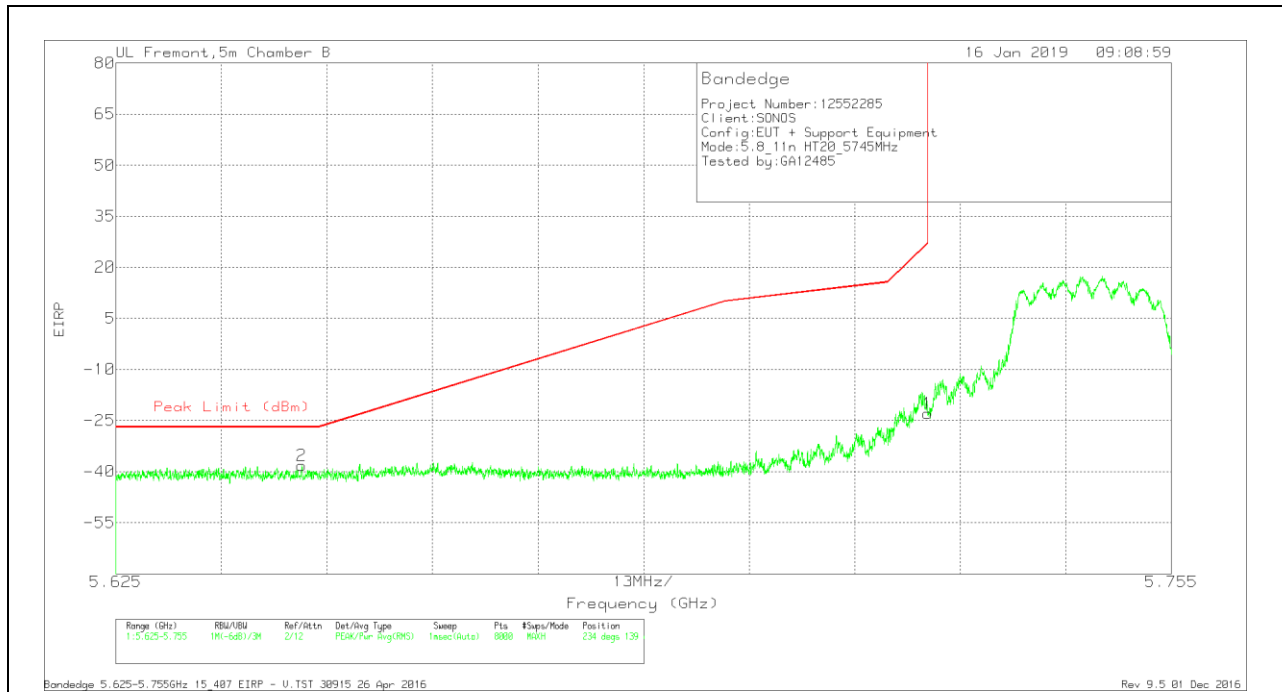
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbI/Filt/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-67.74	Pk	35.5	-18.9	11.8	0	-39.34	-27	-12.34	8	149	H
1	5.725	-51.44	Pk	35.5	-18.9	11.8	0	-23.04	27	-50.04	8	149	H

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

VERTICAL RESULT

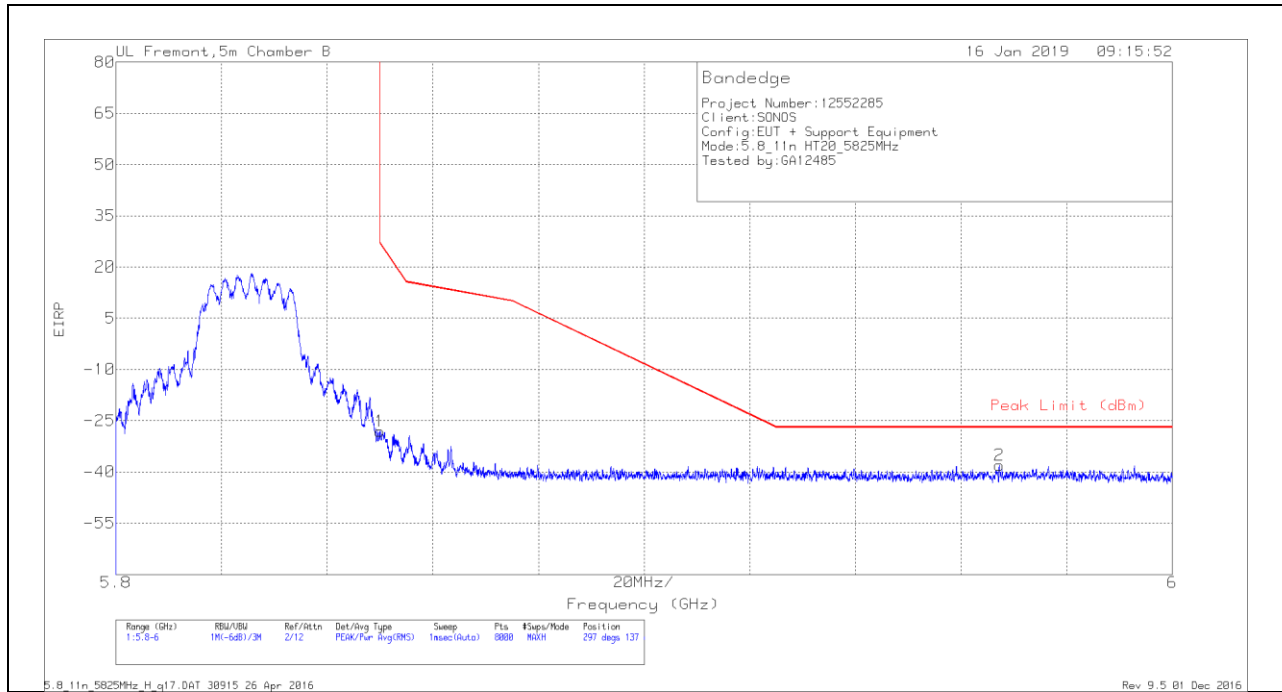


Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbI/Ftr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.648	-66.57	Pk	35.5	-18.9	11.8	0	-38.17	-27	-11.17	234	139	V
1	5.725	-51.39	Pk	35.5	-18.9	11.8	0	-22.99	27	-49.99	234	139	V

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

BANDEDGE (HIGH CHANNEL)

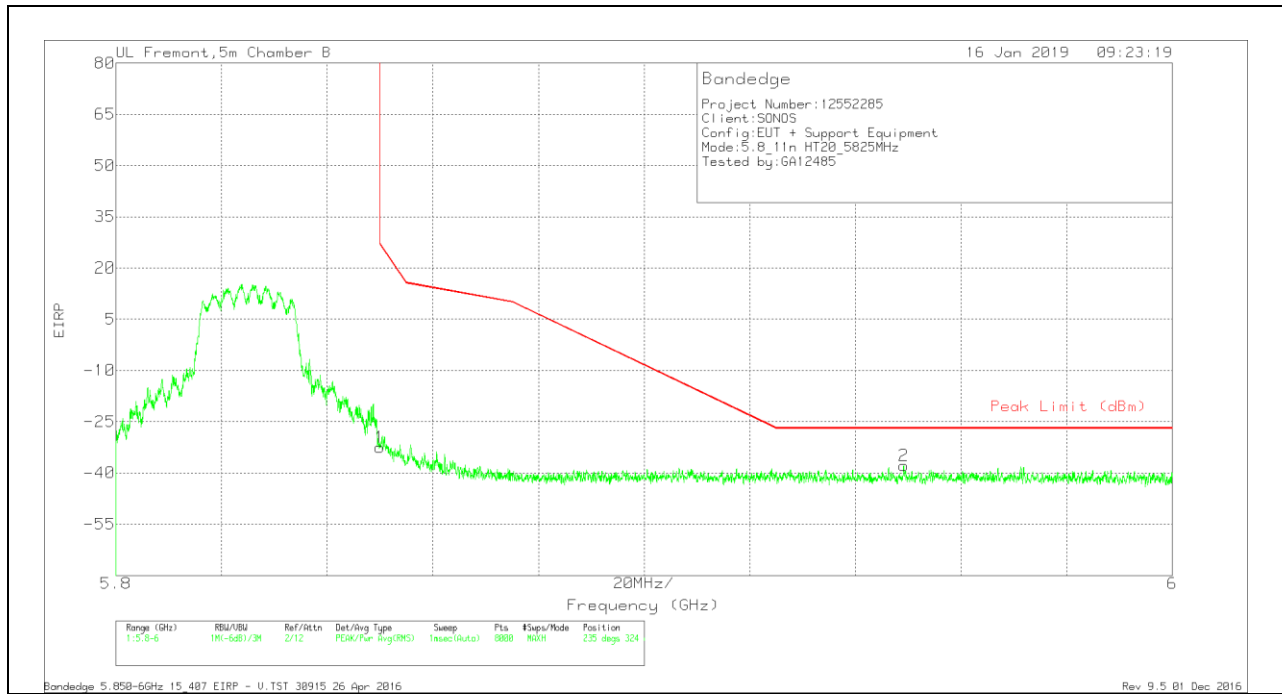
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbI/Ftrl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-56.37	Pk	35.4	-18.9	11.8	0	-28.07	26.99	-55.06	297	137	H
2	5.967	-67.1	Pk	35.4	-18.2	11.8	0	-38.1	-27	-11.1	297	137	H

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

VERTICAL RESULT

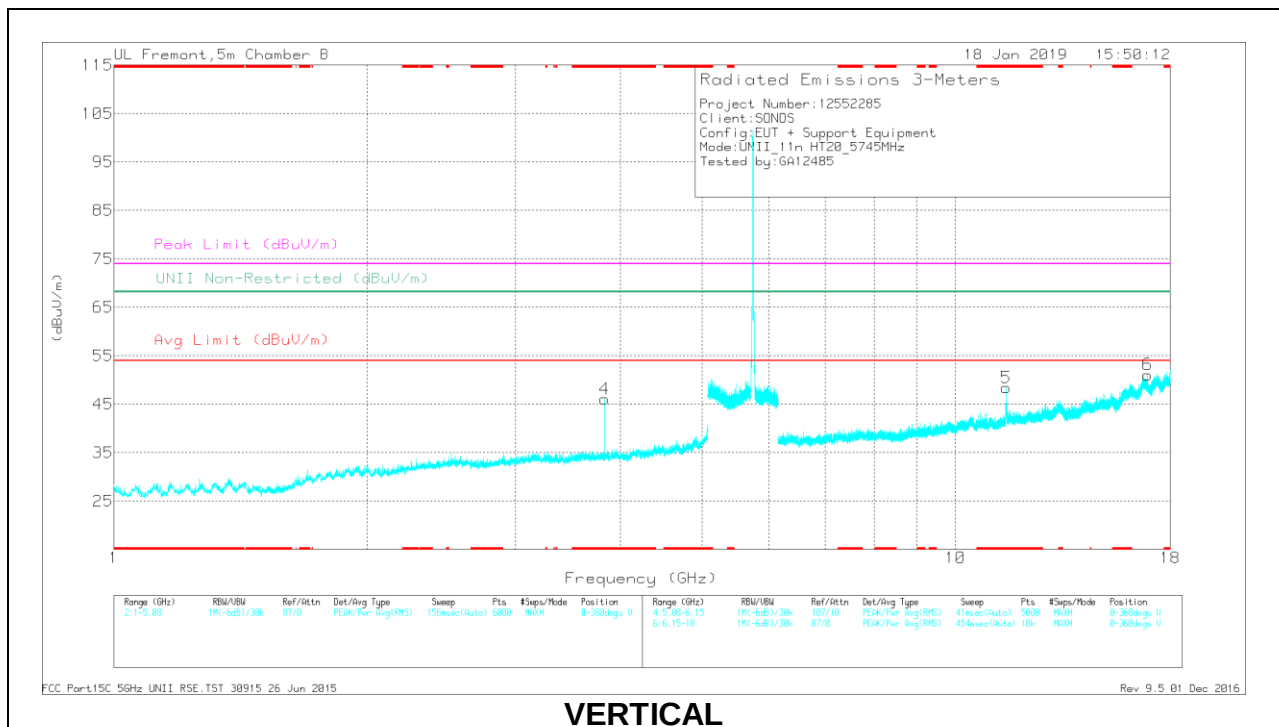
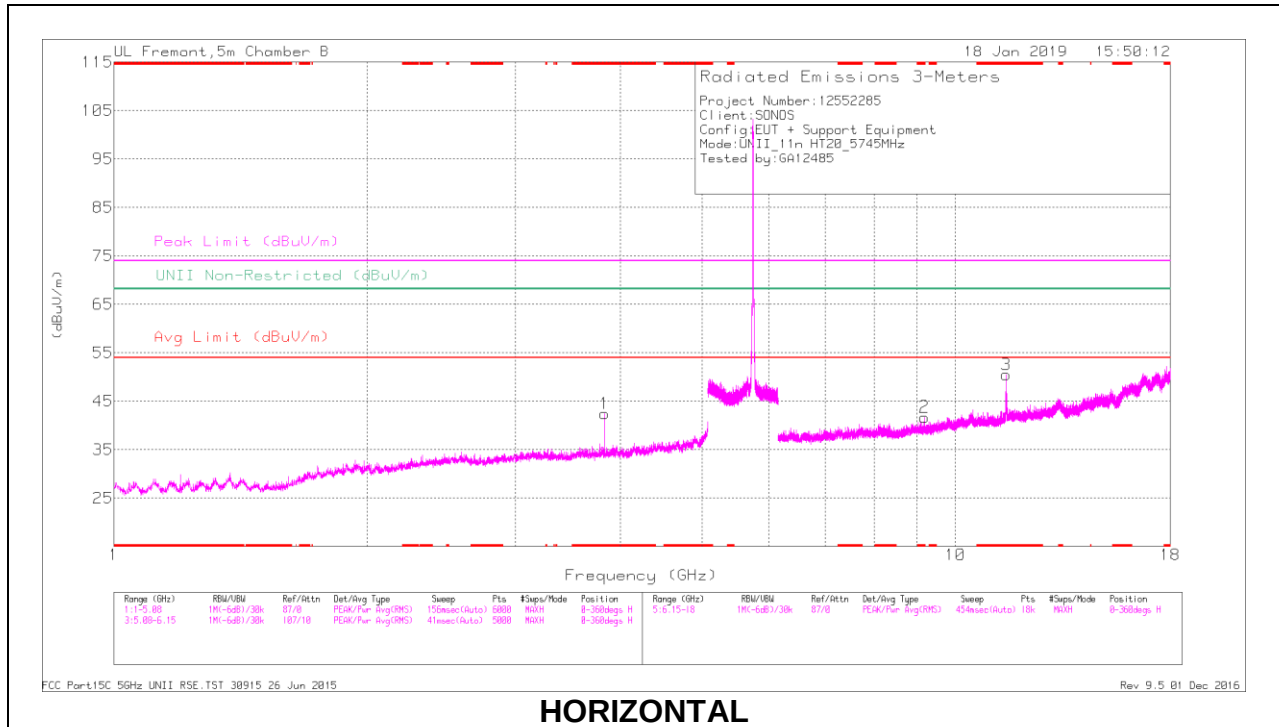


Marker	Frequenc y (GHz)	Meter Reading (dBm)	Det	AF T863 (dBm)	Amp/CbIFtr/ Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Correcte d Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.82	Pk	35.4	-18.9	11.8	0	-32.52	26.99	-59.51	235	324	V
2	5.949	-66.53	Pk	35.4	-18.5	11.8	0	-37.83	-27	-10.83	235	324	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

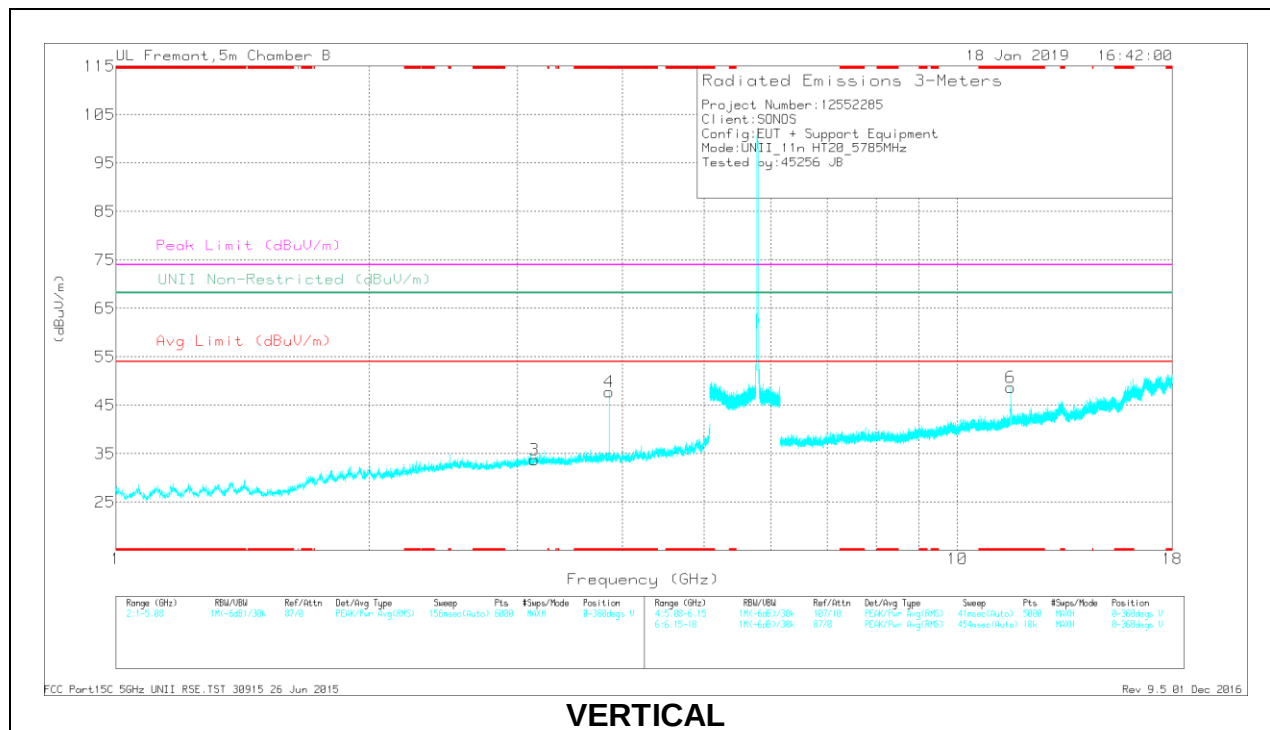
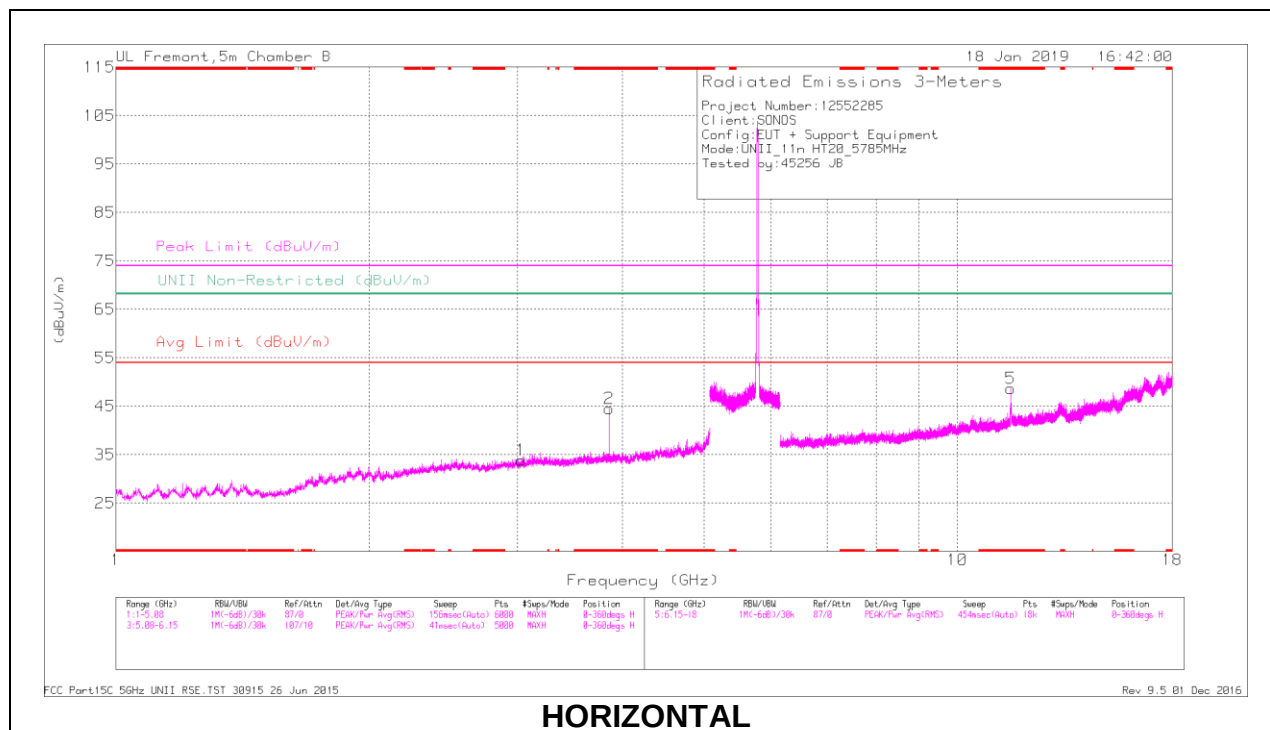
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	AF T863 (dBm)	Amp/Cable/Fit/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unli Non-Restricted (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.83	45.84	PK-U	33.4	-31	0	48.24	-	-	74	-25.76	-	-	39	153	H
	* 3.83	41.62	ADR	33.4	-31	-32	44.34	54	-9.66	-	-	-	-	39	153	H
4	* 3.83	47.77	PK-U	33.4	-31	0	50.17	-	-	74	-23.83	-	-	179	264	V
	* 3.83	44.19	ADR	33.4	-31	-32	46.91	54	-7.09	-	-	-	-	179	264	V
2	* 9.187	34.11	PK-U	36.8	-24.4	0	46.51	-	-	74	-27.49	-	-	39	339	H
	* 9.186	21.77	ADR	36.8	-24.4	-32	34.49	54	-19.51	-	-	-	-	39	339	H
3	* 11.49	41.72	PK-U	38.4	-22.4	0	57.72	-	-	74	-16.28	-	-	129	215	H
	* 11.491	29.84	ADR	38.4	-22.4	-32	46.16	54	-7.84	-	-	-	-	129	215	H
5	* 11.491	37.77	PK-U	38.4	-22.4	0	53.77	-	-	74	-20.23	-	-	331	139	V
	* 11.491	24.84	ADR	38.4	-22.4	-32	41.16	54	-12.84	-	-	-	-	331	139	V
6	16.923	30.45	PK-U	43.9	-18.3	0	56.05	-	-	-	-	68.2	-12.15	109	372	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

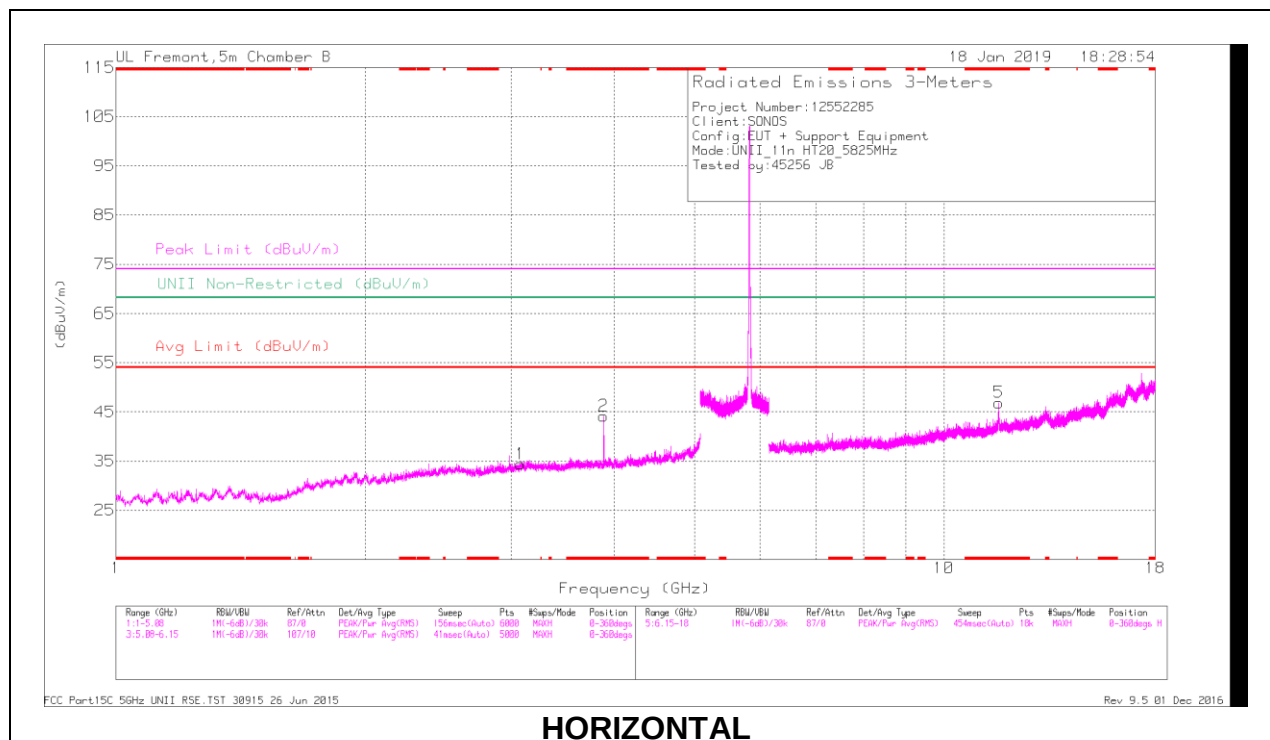
Frequency (GHz)	Meas Reading (dBuV)	Det	AF T863 (dBm)	Amp/CMF/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Unfil Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.857	45.96	PK-U	33.4	-30.9	0	48.45	-	-	74	-25.54	-	-	36	193	H
* 3.857	41.87	ADR	33.4	-30.9	.32	44.69	54	-9.31	-	-	-	-	36	193	H
* 3.857	47.59	PK-U	33.4	-30.9	0	50.09	-	-	74	-23.91	-	-	145	109	V
* 3.857	44.24	ADR	33.4	-30.9	.32	47.06	54	-6.94	-	-	-	-	145	109	V
* 11.571	40.81	PK-U	38.6	-21.9	0	57.51	-	-	74	-16.49	-	-	115	121	H
* 11.571	27.66	ADR	38.6	-21.9	.32	44.68	54	-9.32	-	-	-	-	115	121	H
* 11.566	39.39	PK-U	38.6	-22	0	55.98	-	-	74	-18.02	-	-	140	111	V
* 11.565	26.47	ADR	38.6	-22	.32	43.39	54	-10.61	-	-	-	-	140	111	V
3.031	39.08	PK-U	32.9	-31.2	0	40.78	-	-	-	-	68.2	-27.42	138	226	H
3.142	39.22	PK-U	33.2	-31.4	0	41.02	-	-	-	-	68.2	-27.18	30	292	V

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

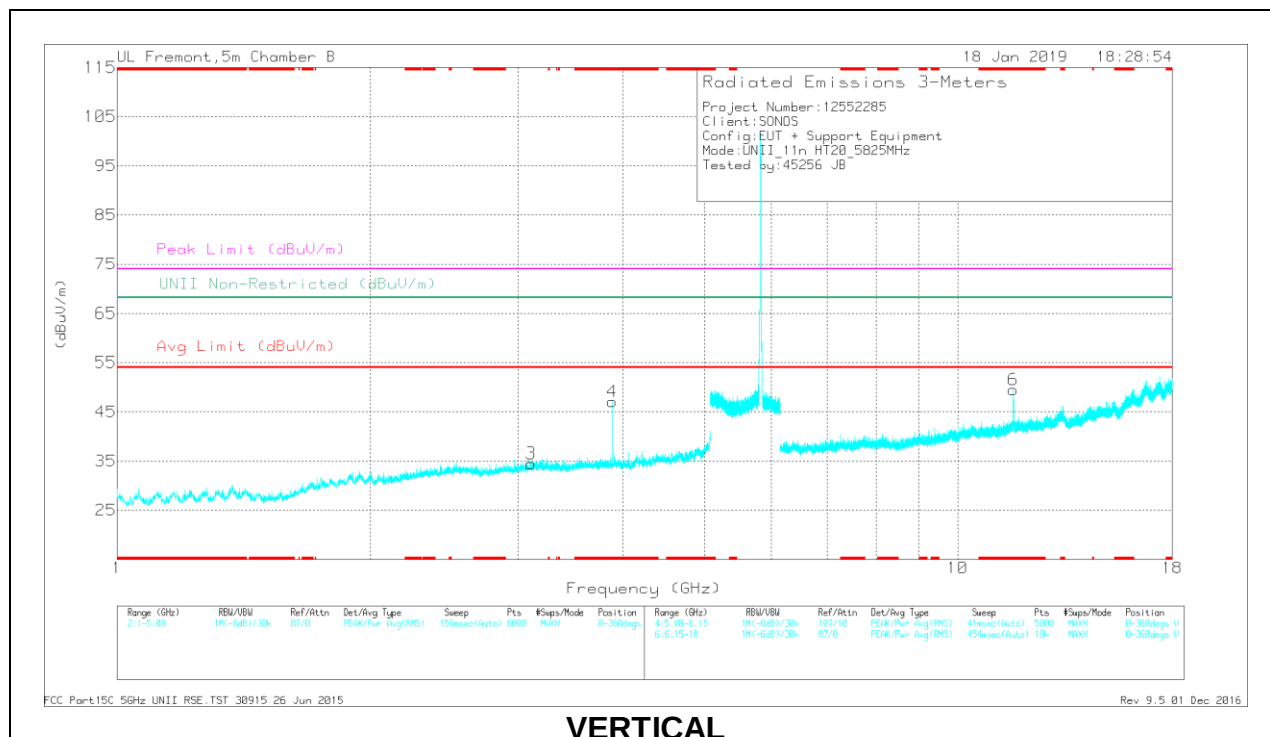
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (MHz)	Meter Reading (dBuV)	Det	AF T863 (dBm)	Amp/CMFtoPad (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	46.68	PK-U	33.4	-30.6	0	49.48	-	-	74	-24.52	-	-	41	175	H
* 3.883	42.59	ADR	33.4	-30.6	.32	45.71	54	-8.29	-	-	-	-	41	175	H
* 3.883	48.04	PK-U	33.4	-30.6	0	50.84	-	-	74	-23.16	-	-	145	117	V
* 3.883	44.7	ADR	33.4	-30.6	.32	47.82	54	-6.18	-	-	-	-	145	117	V
* 11.646	38.63	PK-U	38.8	-21.5	0	55.93	-	-	74	-18.07	-	-	113	116	H
* 11.646	26.94	ADR	38.8	-21.5	.32	44.56	54	-9.44	-	-	-	-	113	116	H
* 11.651	38.36	PK-U	38.8	-21.7	0	55.46	-	-	74	-18.54	-	-	326	106	V
* 11.651	26.72	ADR	38.8	-21.7	.32	44.15	54	-9.85	-	-	-	-	326	106	V
3.078	39.95	PK-U	33.2	-31.7	0	41.45	-	-	-	-	68.2	-26.75	139	400	H
3.106	39.81	PK-U	33.3	-31.4	0	41.71	-	-	-	-	68.2	-26.49	104	353	V

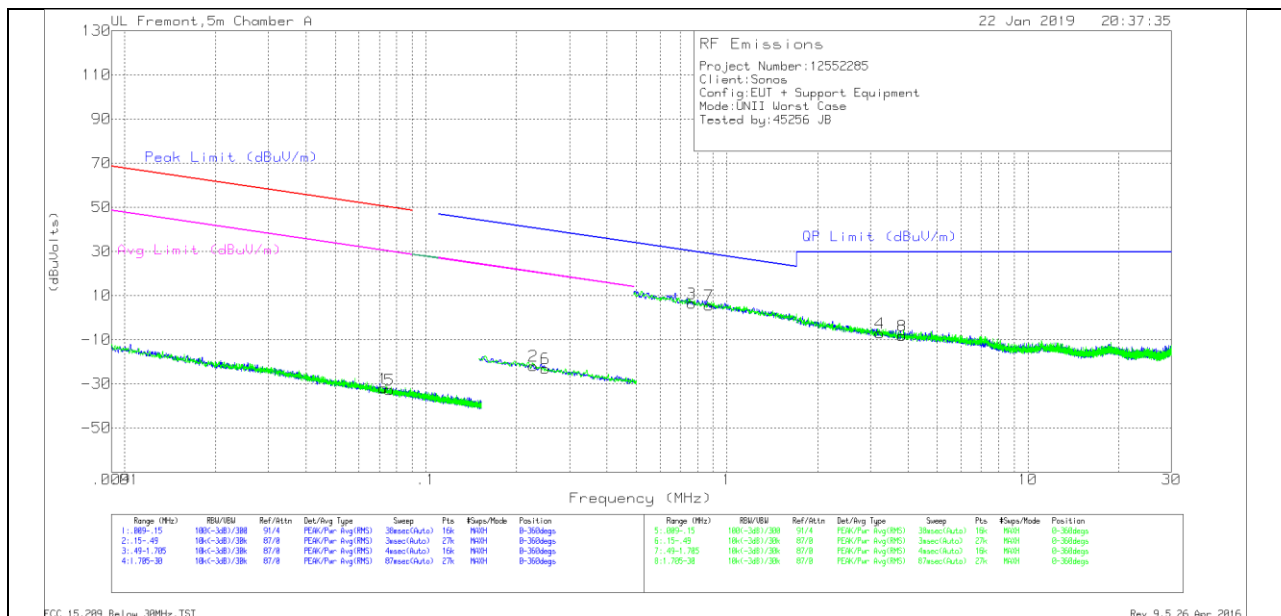
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

9.2. Worst Case Below 30 MHz

SPURIOUS EMISSIONS 9 kHz TO 30 MHz (WORST-CASE CONFIGURATION)



NOTE: KDB 414788 OFS 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.
- OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

Below 30 MHz Data

Trace Markers

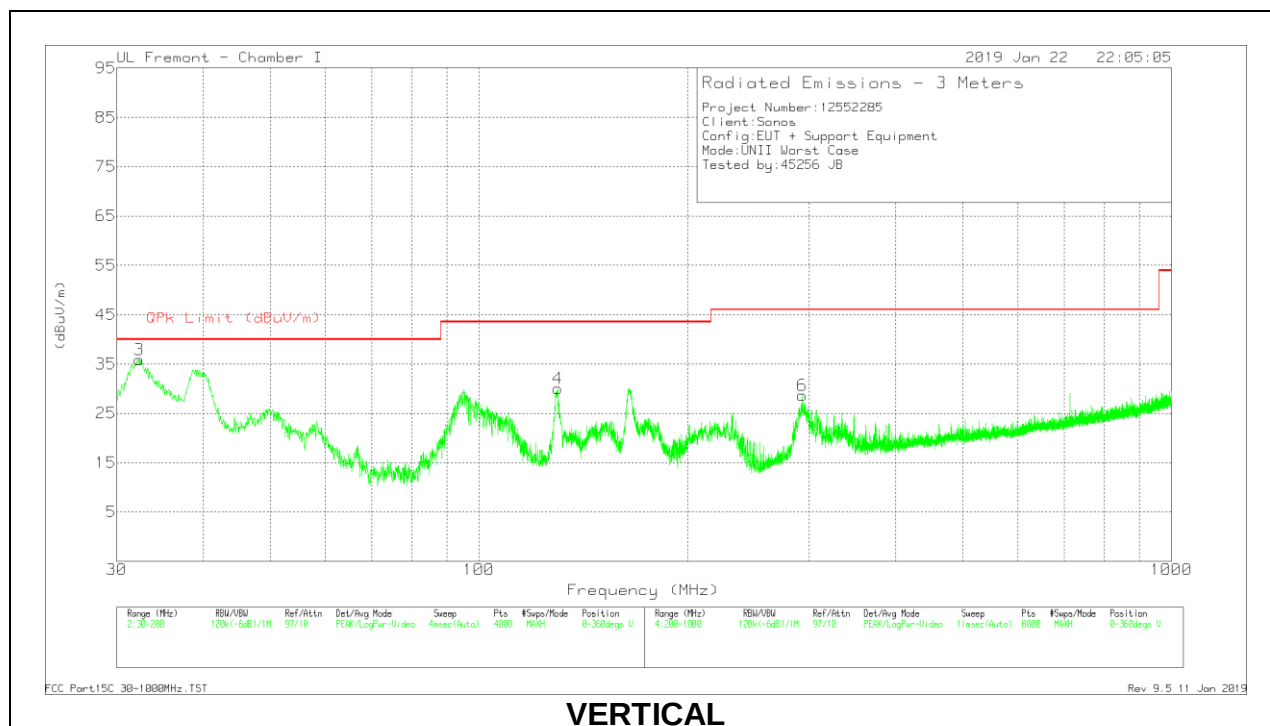
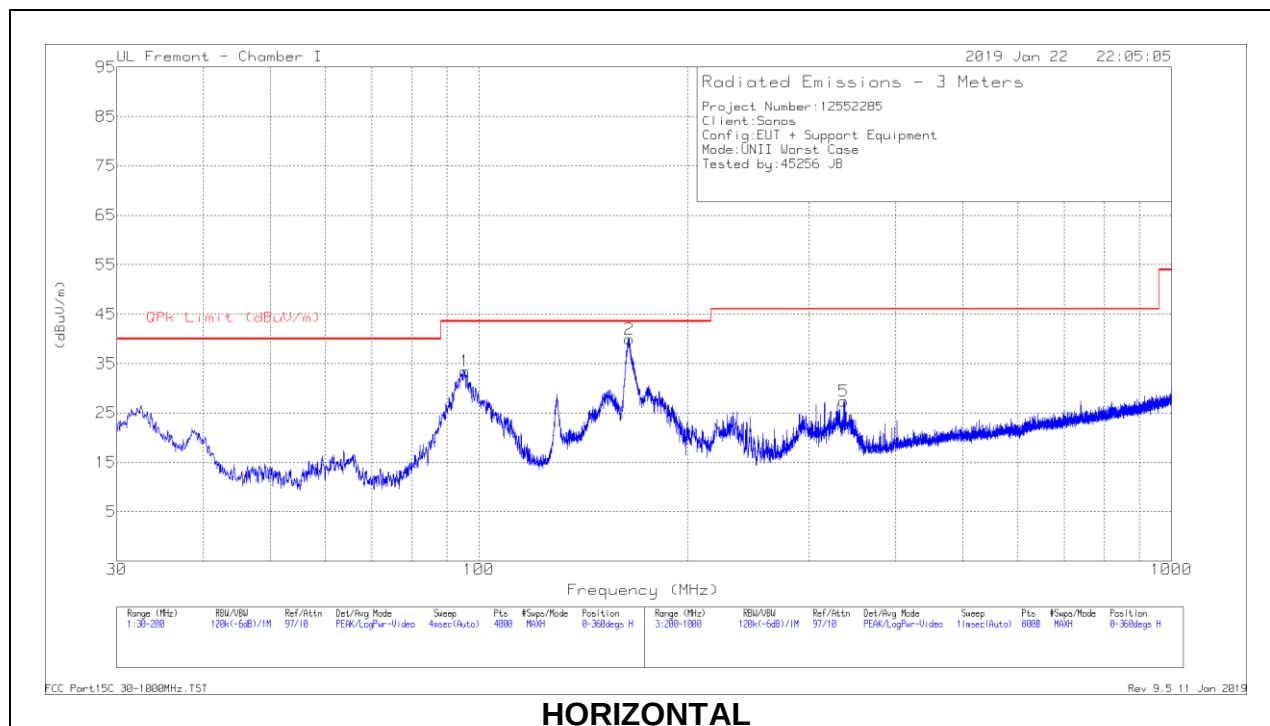
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr 300 m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.07222	33.7	Pk	14.2	0	-80	-32.1	50.41	-82.51	30.41	-62.51	-	-	-	-	0-360
5	.07572	33.02	Pk	14.2	0	-80	-32.78	50	-82.78	30	-62.78	-	-	-	-	0-360
2	.2275	43.95	Pk	13.9	.1	-80	-22.05	-	-	-	-	40.48	-62.53	20.48	-42.53	0-360
6	.24938	42.84	Pk	13.9	.1	-80	-23.16	-	-	-	-	39.68	-62.84	19.68	-42.84	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.76383	32.28	Pk	14	.1	-40	6.38	29.95	-23.57	0-360
7	.87304	31.2	Pk	14.1	.1	-40	5.4	28.8	-23.4	0-360
4	3.22355	18.23	Pk	14.4	.2	-40	-7.17	29.5	-36.67	0-360
8	3.81672	17.06	Pk	14.5	.2	-40	-8.24	29.5	-37.74	0-360

Pk - Peak detector

9.3. Worst Case Below 1 GHz

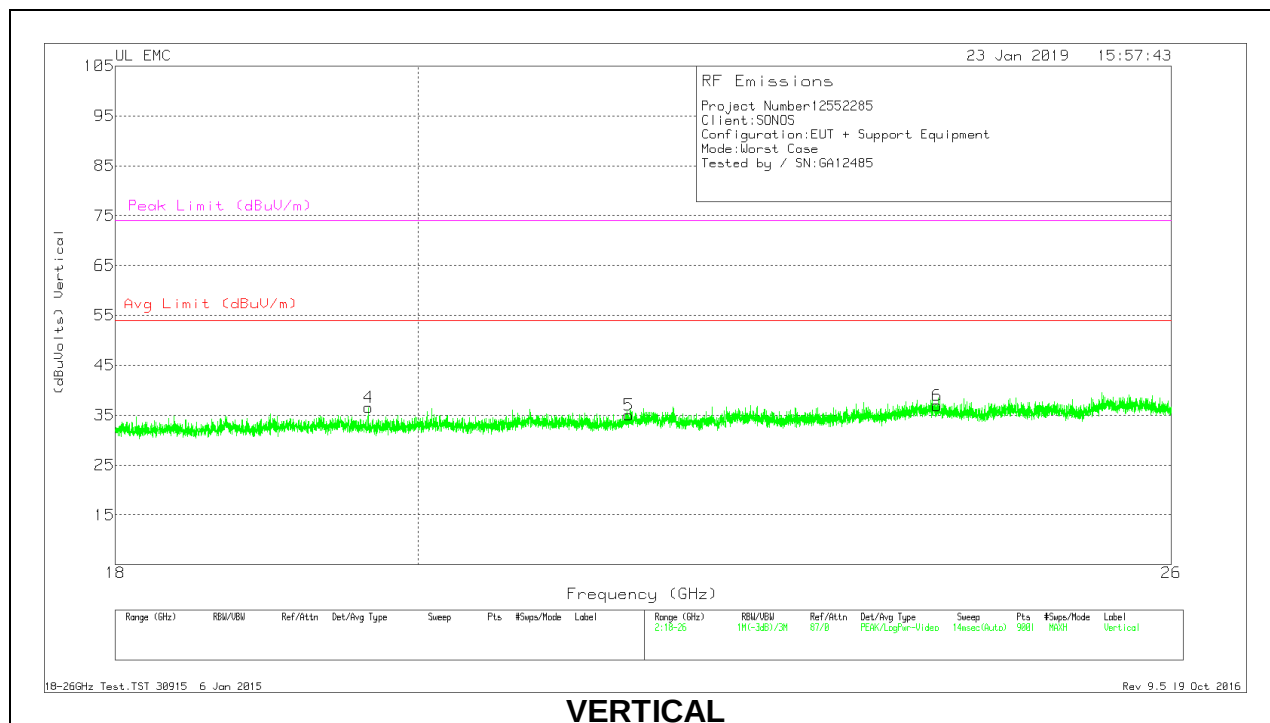
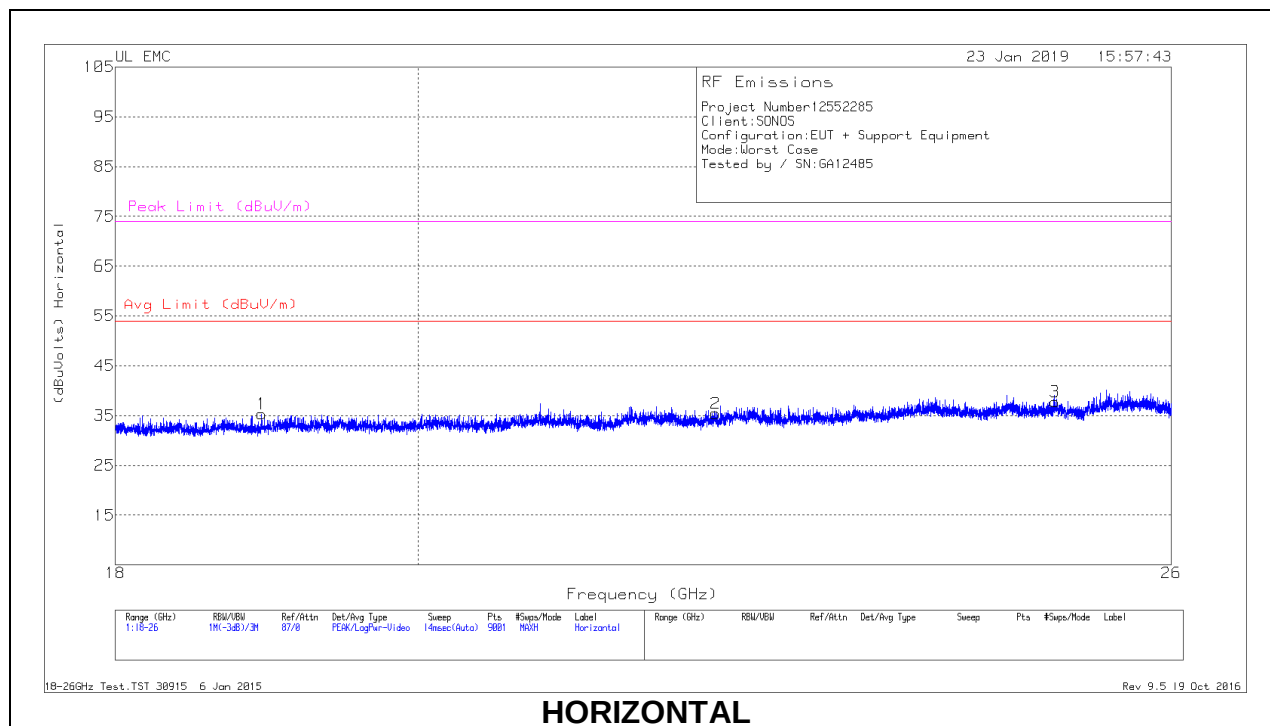


Below 1GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	95.552	49.51	Pk	14.8	-30.8	33.51	43.52	-10.01	0-360	199	H
2	* 164.8874	52.55	Pk	17.7	-30.3	39.95	43.52	-3.57	0-360	99	H
	* 164.7493	50.69	Qp	17.7	-30.3	38.09	43.52	-5.43	143	119	H
3	32.3381	42.3	Pk	24.9	-31.3	35.9	40	-4.1	0-360	102	V
	32.4398	38.46	Qp	24.8	-31.3	31.96	40	-8.04	141	103	V
4	* 130.0284	41.13	Pk	19.5	-30.6	30.03	43.52	-13.49	0-360	102	V
5	336.6178	37.12	Pk	19.9	-29.7	27.32	46.02	-18.7	0-360	199	H
6	293.0121	39.25	Pk	19.2	-29.8	28.65	46.02	-17.37	0-360	101	V

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

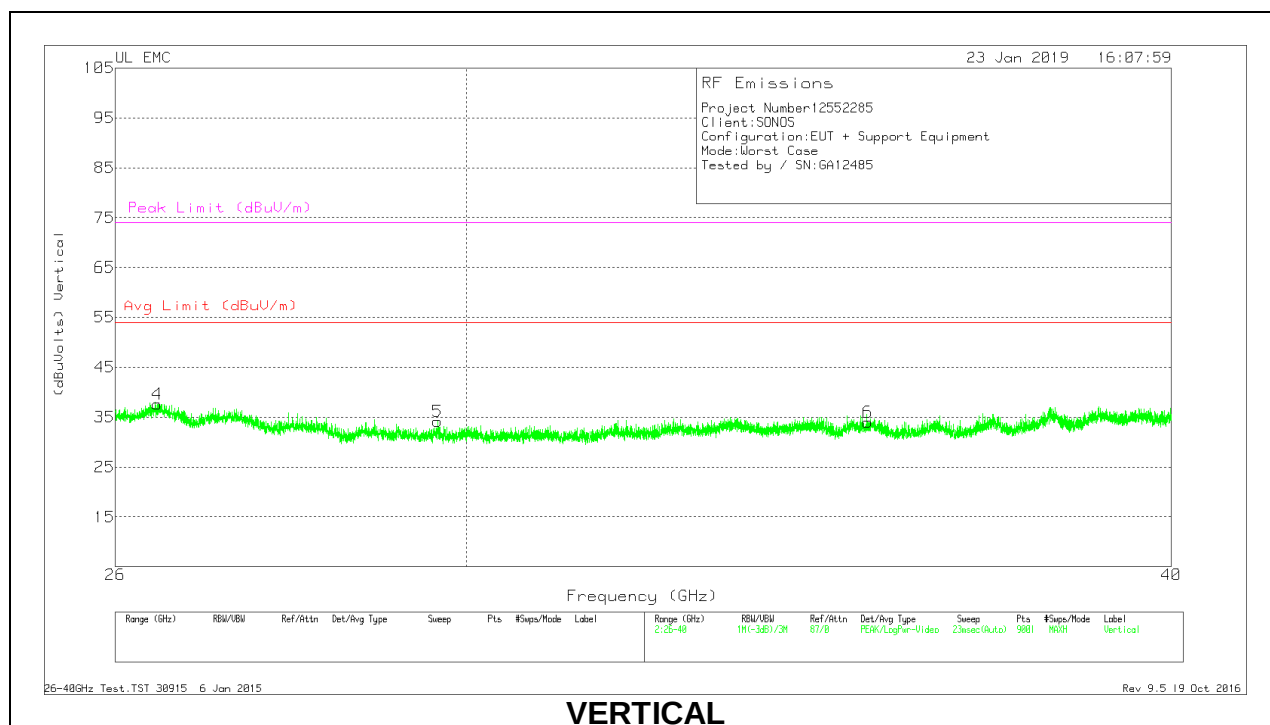
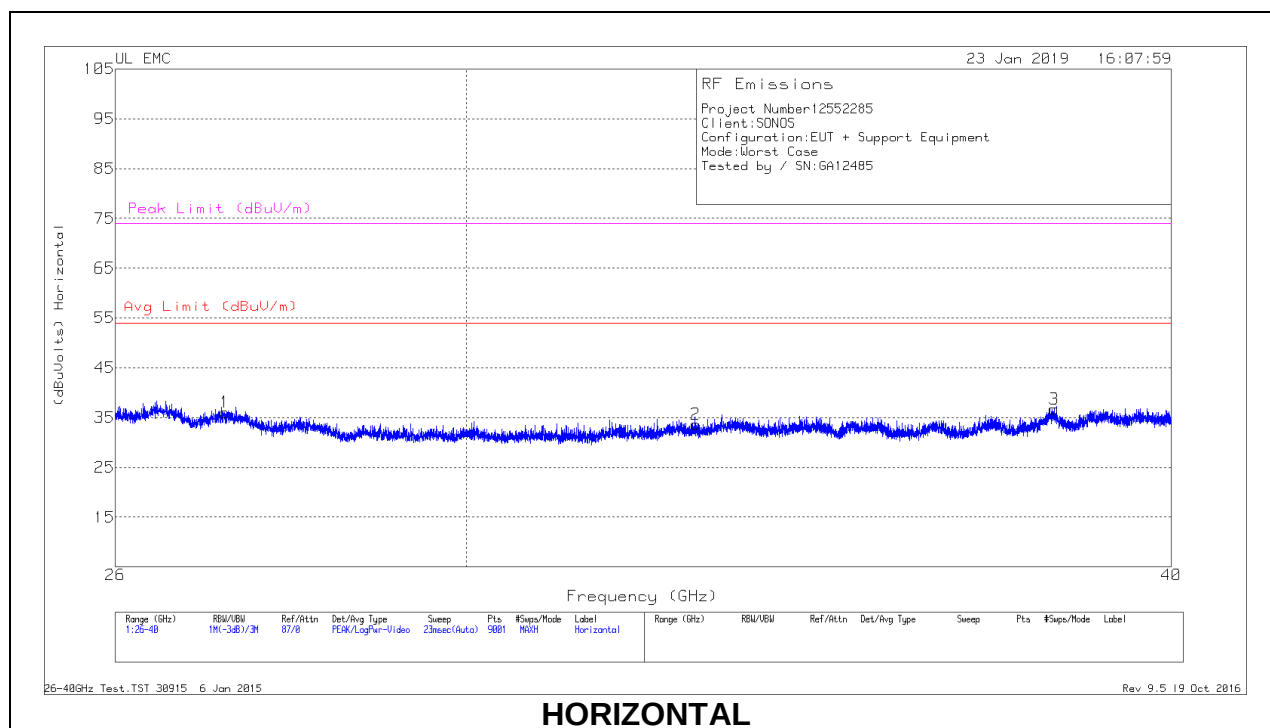
9.4. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequenc y (GHz)	Meter Reading (dBuV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	18.94	37.41	Pk	32.5	-25.1	-9.5	35.31	54	-18.69	74	-38.69
2	22.183	36.4	Pk	33.4	-24.9	-9.5	35.4	54	-18.6	74	-38.6
3	24.968	37.06	Pk	34.4	-24.2	-9.5	37.76	54	-16.24	74	-36.24
4	19.659	38.15	Pk	32.8	-24.9	-9.5	36.55	54	-17.45	74	-37.45
5	21.524	36.69	Pk	33.1	-25.3	-9.5	34.99	54	-19.01	74	-39.01
6	23.962	36.32	Pk	34.3	-24.2	-9.5	36.92	54	-17.08	74	-37.08

9.5. Worst Case 26-40 GHz



26 – 40GHz DATA

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	27.187	40.83	Pk	35.6	-30.9	-9.5	36.03	54	-17.97	74	-37.97
2	32.944	39.22	Pk	36.7	-32.7	-9.5	33.72	54	-20.28	74	-40.28
3	38.133	41.52	Pk	37.2	-32.5	-9.5	36.72	54	-17.28	74	-37.28
4	26.448	42.4	Pk	35.5	-30.8	-9.5	37.6	54	-16.4	74	-36.4
5	29.652	40.05	Pk	36	-32.4	-9.5	34.15	54	-19.85	74	-39.85
6	35.338	38.91	Pk	37.8	-33.2	-9.5	34.01	54	-19.99	74	-39.99

10. AC POWER LINE CONDUCTED EMISSIONS

Please refer to report, 12166253-E3.