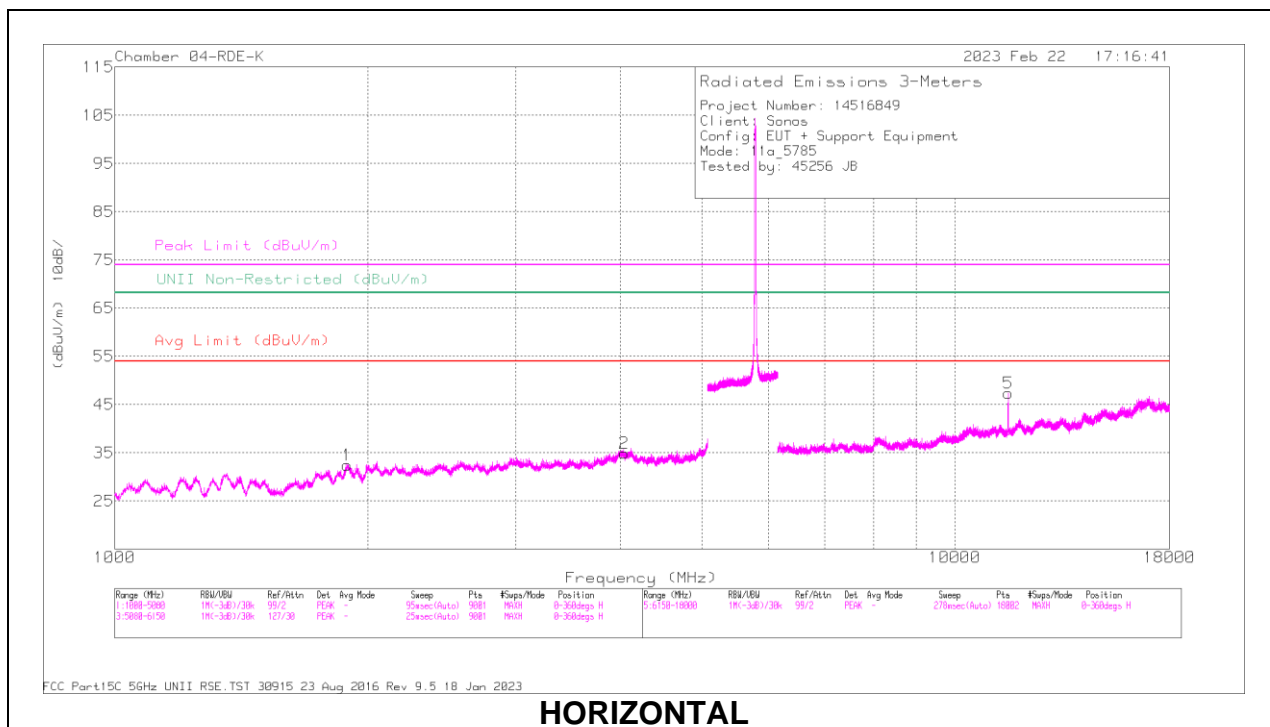
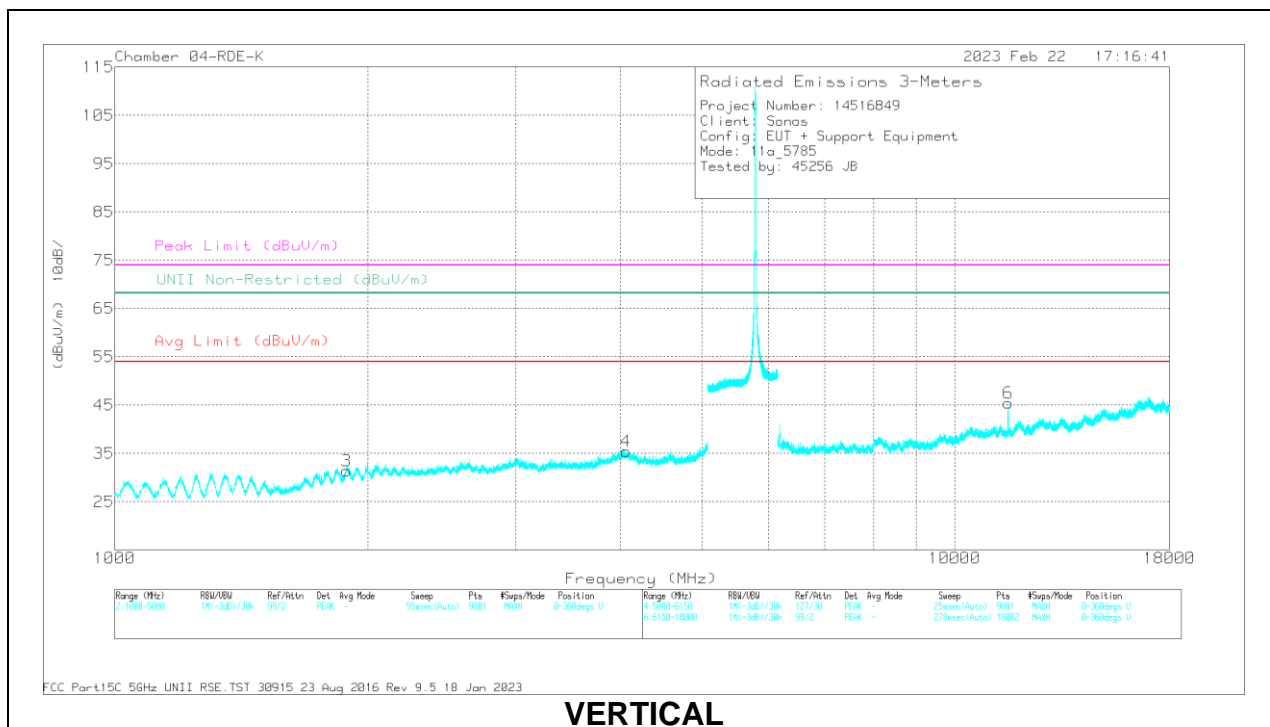


MID CHANNEL RESULTS



HORIZONTAL



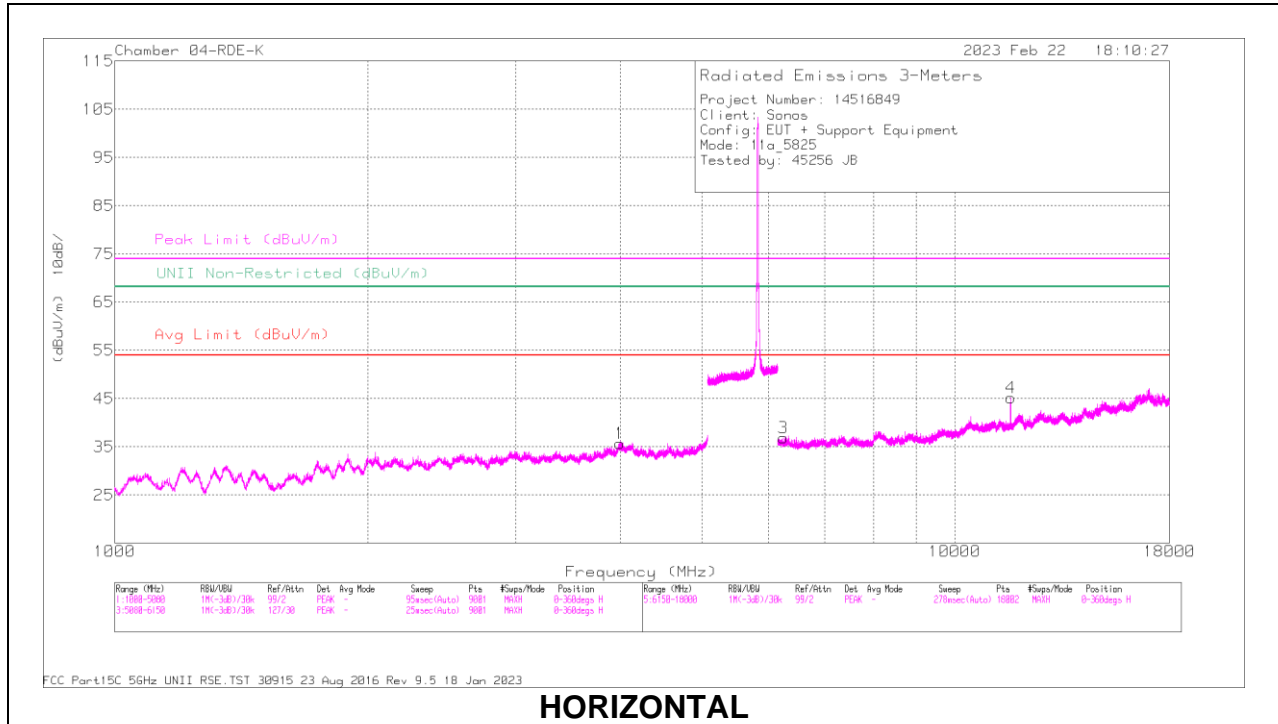
VERTICAL

RADIATED EMISSIONS

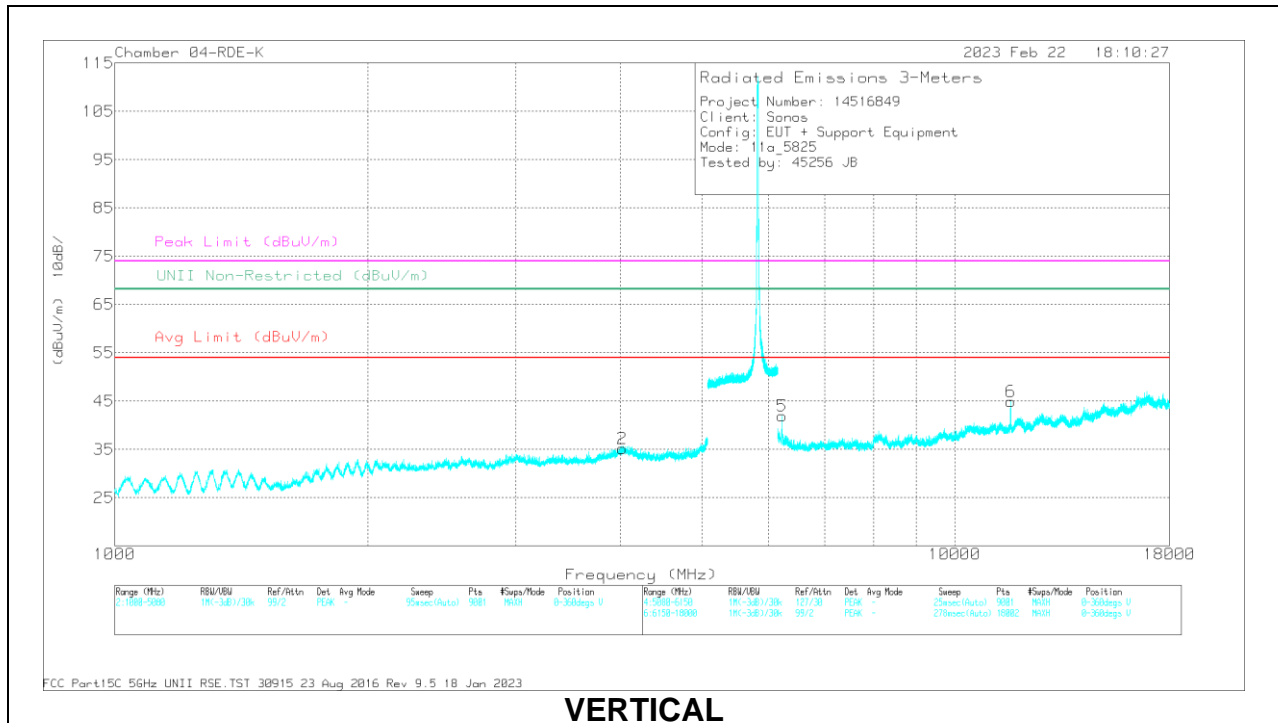
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1889.069	57.33	PK-U	31	-45.4	0	42.93	-	-	-	-	68.2	-25.27	97	151	H
2	* 4040.973	51.82	PK-U	35.2	-41.6	0	45.42	-	-	74	-28.58	-	-	341	392	H
	* 4040.573	39.78	ADR	35.2	-41.6	1.61	34.99	54	-19.01	-	-	-	-	341	392	H
3	1889.008	56.81	PK-U	31	-45.4	0	42.41	-	-	-	-	68.2	-25.79	117	372	V
4	* 4064.081	52.03	PK-U	35.2	-41.7	0	45.53	-	-	74	-28.47	-	-	112	142	V
	* 4065.241	40.04	ADR	35.2	-41.6	1.61	35.25	54	-18.75	-	-	-	-	112	142	V
5	* 11571.659	55.32	PK-U	38	-35.6	0	57.72	-	-	74	-16.28	-	-	189	206	H
	* 11571.29	43.14	ADR	38	-35.6	1.61	47.15	54	-6.85	-	-	-	-	189	206	H
6	* 11571.985	53.26	PK-U	38	-35.6	0	55.66	-	-	74	-18.34	-	-	81	203	V
	* 11571.824	41.63	ADR	38	-35.6	1.61	45.64	54	-8.36	-	-	-	-	81	203	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 3991.593	51.97	PK-U	35	-41.7	0	45.27	-	-	74	-28.73	-	-	129	348	H
	* 3992.108	40.21	ADR	35	-41.7	1.61	35.12	54	-18.88	-	-	-	-	129	348	H
2	* 4021.098	52.1	PK-U	35.2	-41.7	0	45.6	-	-	74	-28.4	-	-	75	324	V
	* 4021.759	40.19	ADR	35.2	-41.7	1.61	35.3	54	-18.7	-	-	-	-	75	324	V
3	6244.732	49.75	PK-U	35.3	-38.8	0	46.25	-	-	-	-	68.2	-21.95	185	223	H
4	* 11656.525	51.21	PK-U	38.1	-35.4	0	53.91	-	-	74	-20.09	-	-	264	207	H
	* 11656.053	39.39	ADR	38.1	-35.4	1.61	43.7	54	-10.3	-	-	-	-	264	207	H
5	6231.377	53.6	PK-U	35.3	-38.8	0	50.1	-	-	-	-	68.2	-18.1	89	214	V
6	* 11646.309	53.37	PK-U	38.1	-35.3	0	56.17	-	-	74	-17.83	-	-	99	163	V
	* 11646.227	41.05	ADR	38.1	-35.3	1.61	45.46	54	-8.54	-	-	-	-	99	163	V

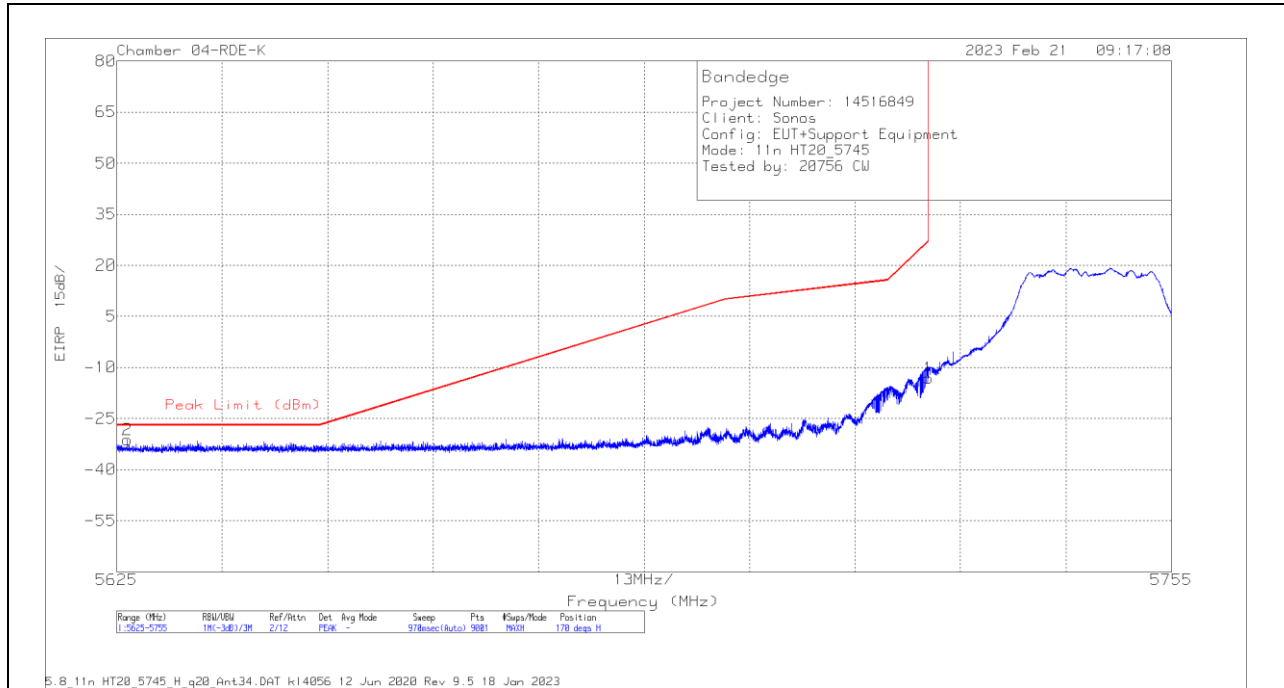
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

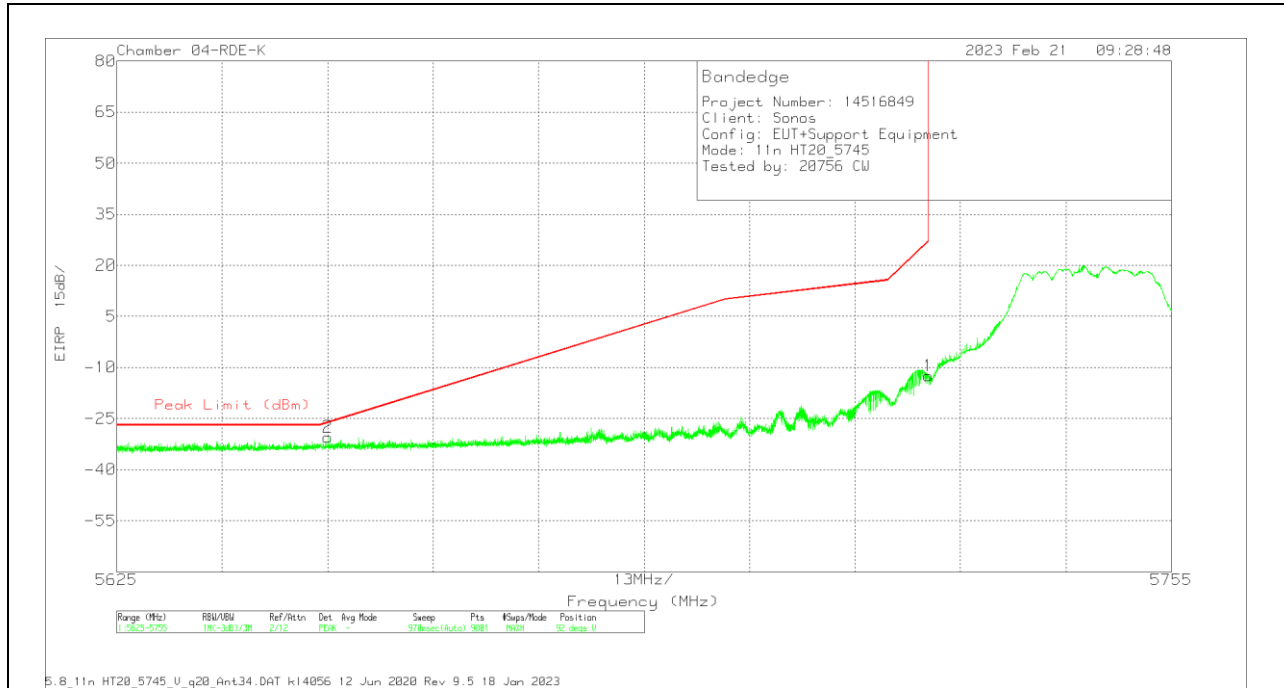


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-52.9	Pk	34.7	-6.7	11.8	-13.1	27	-40.1	170	324	H
2	5626.3	-70.64	Pk	34.6	-7	11.8	-31.24	-27	-4.24	170	324	H

Pk - Peak detector

VERTICAL RESULT



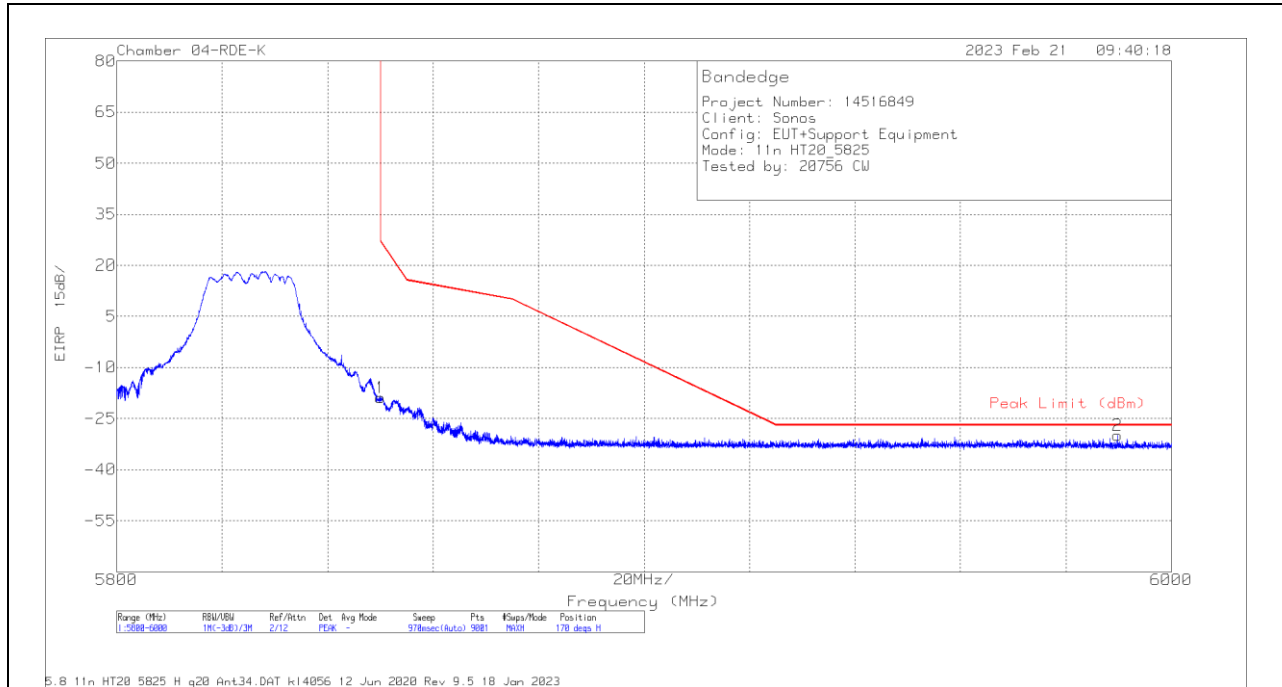
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-52.21	PK	34.7	-6.7	11.8	-12.41	27	-39.41	92	316	V
2	5650.999	-69.69	PK	34.6	-7.1	11.8	-30.39	-26.26	-4.13	92	316	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

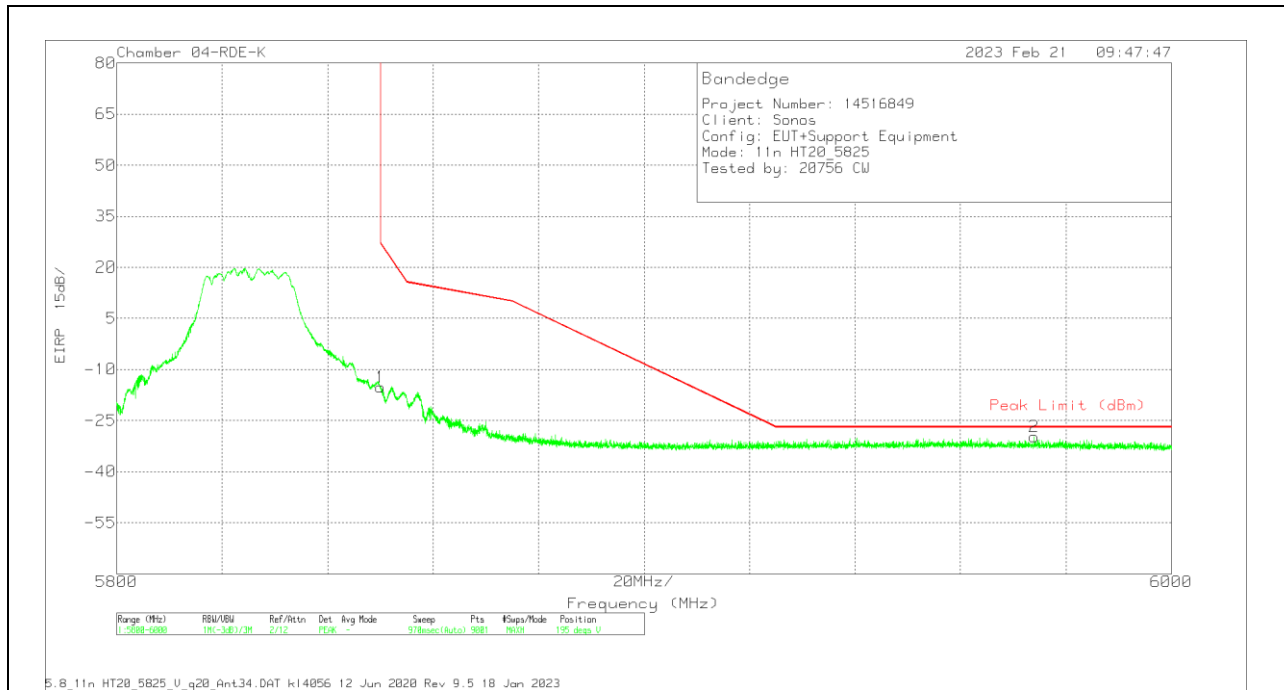


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-58.94	Pk	34.8	-6.6	11.8	-18.94	27	-45.94	170	398	H
2	5989.731	-70.4	Pk	35	-6.4	11.8	-30	-27	-3	170	398	H

Pk - Peak detector

VERTICAL RESULT



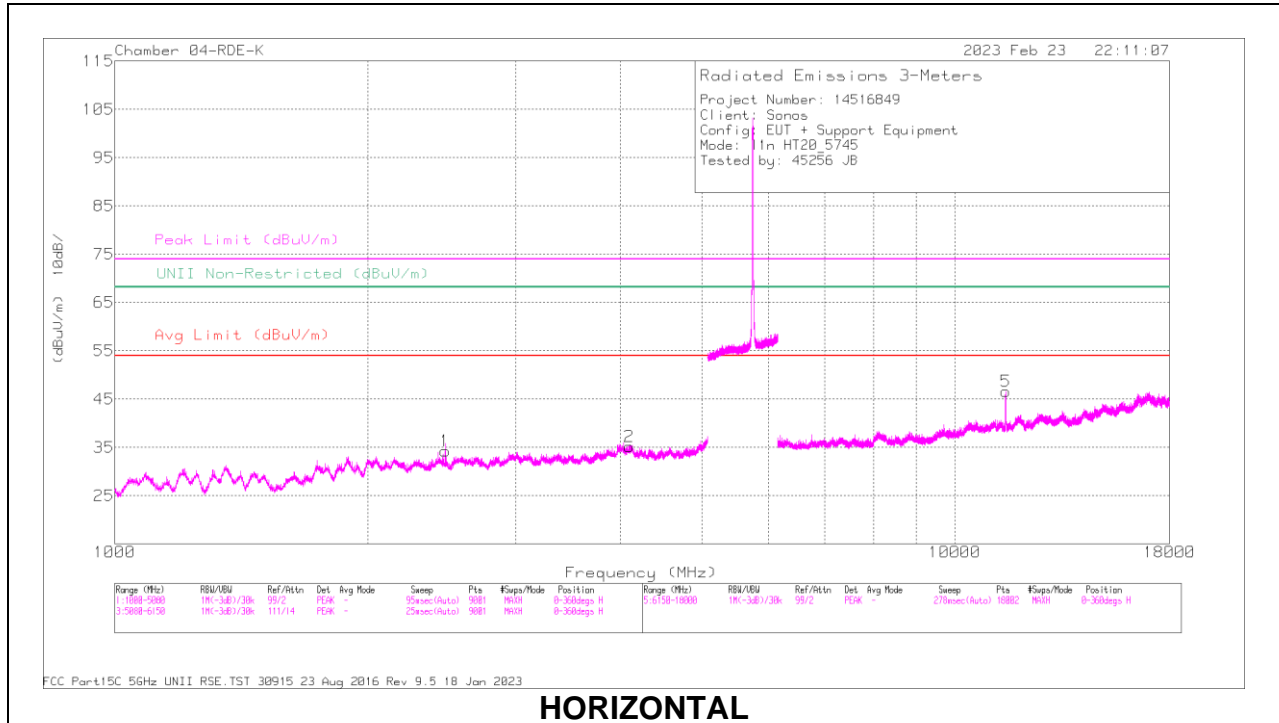
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-55.14	PK	34.8	-6.6	11.8	-15.14	27	-42.14	195	357	V
2	5974.02	-70.16	PK	35	-6.3	11.8	-29.66	-27	-2.66	195	357	V

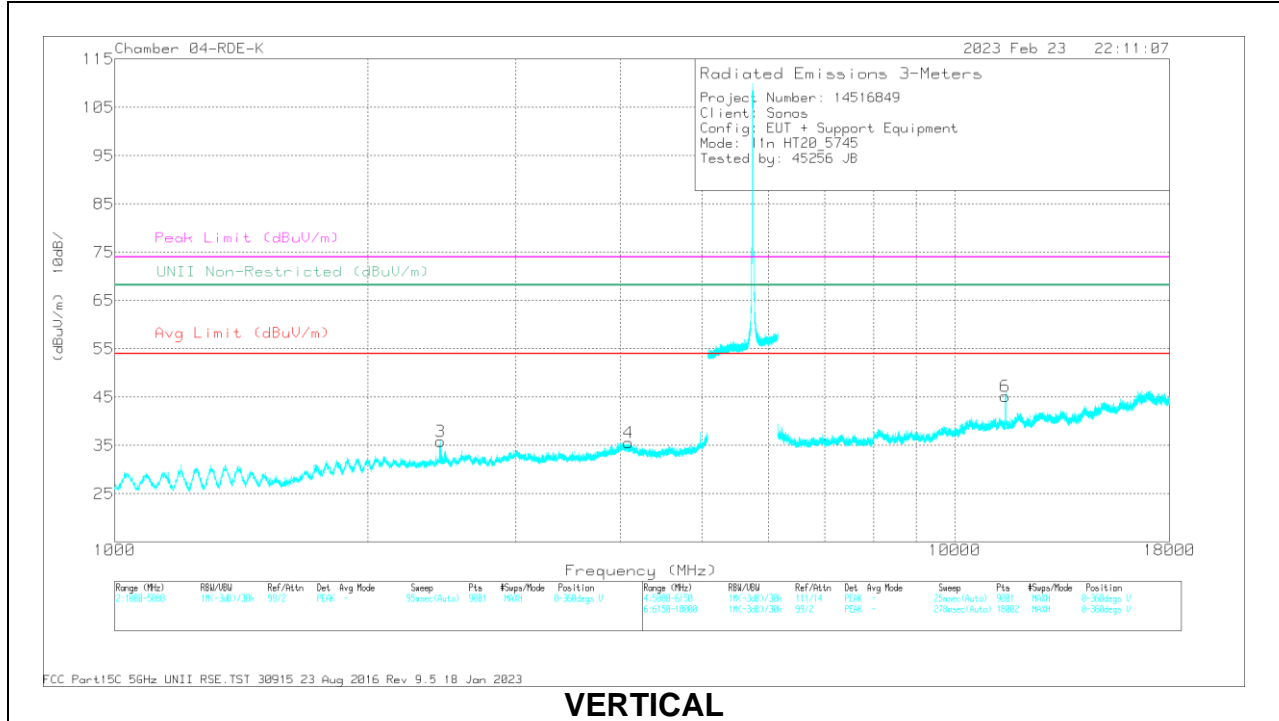
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



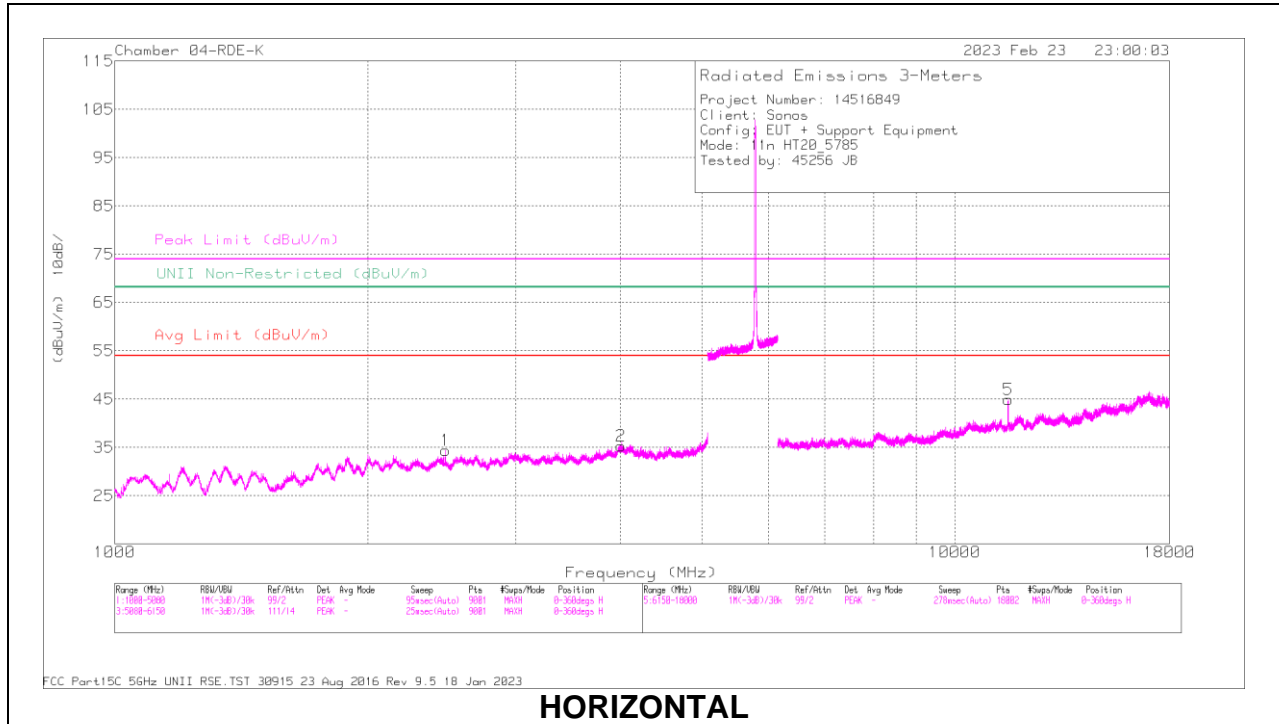
VERTICAL

RADIATED EMISSIONS

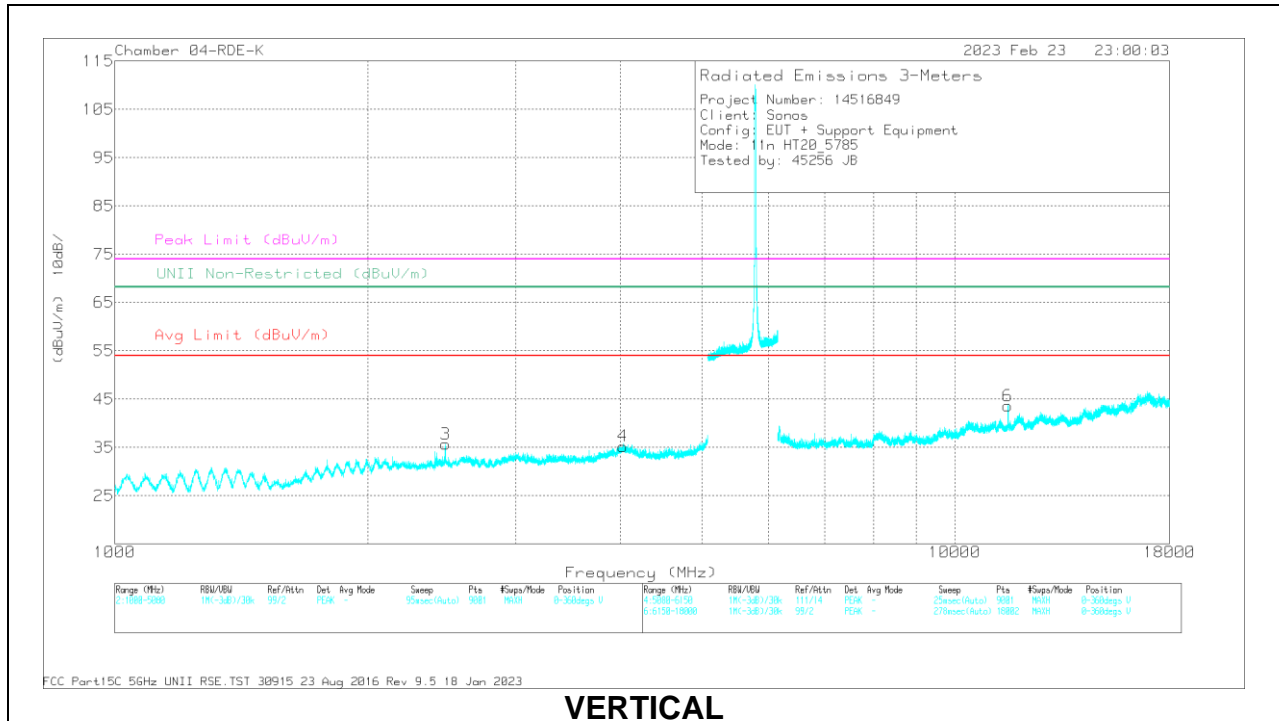
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2472.691	56.87	PK-U	32.1	-44.2	0	44.77	-	-	-	-	68.2	-23.43	98	156	H
2	* 4096.885	51.95	PK-U	35	-41.6	0	45.35	-	-	74	-28.65	-	-	193	235	H
	* 4097.139	39.99	ADR	35	-41.6	1.69	35.08	54	-18.92	-	-	-	-	193	235	H
3	2439.857	55.41	PK-U	32	-44.5	0	42.91	-	-	-	-	68.2	-25.29	189	239	V
4	* 4084.061	51.93	PK-U	35.1	-41.7	0	45.33	-	-	74	-28.67	-	-	174	282	V
	* 4081.89	39.91	ADR	35.1	-41.7	1.69	35	54	-19	-	-	-	-	174	282	V
5	* 11490.841	55.86	PK-U	37.9	-35.8	0	57.96	-	-	74	-16.04	-	-	191	204	H
	* 11490.644	43.2	ADR	37.9	-35.9	1.69	46.89	54	-7.11	-	-	-	-	191	204	H
6	* 11485.22	53.12	PK-U	37.9	-35.9	0	55.12	-	-	74	-18.88	-	-	215	361	V
	* 11485.353	41.39	ADR	37.9	-35.8	1.69	45.18	54	-8.82	-	-	-	-	215	361	V

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

MID CHANNEL RESULTS



HORIZONTAL



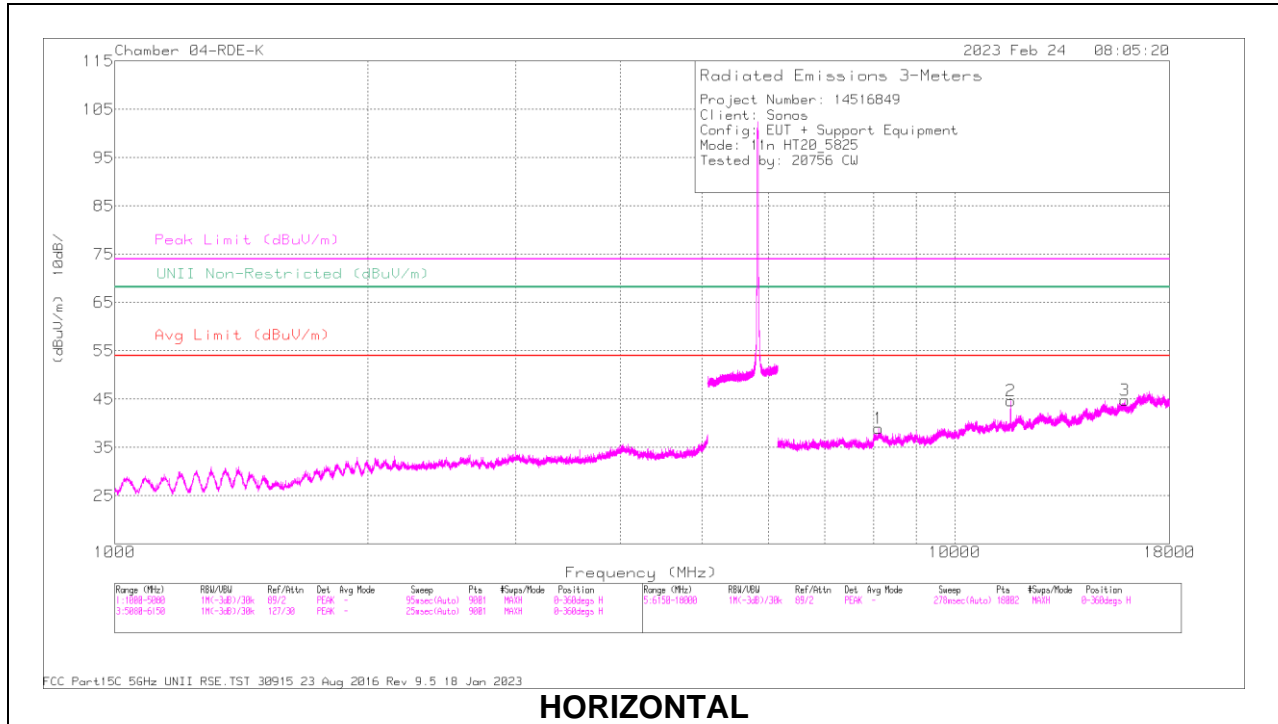
VERTICAL

RADIATED EMISSIONS

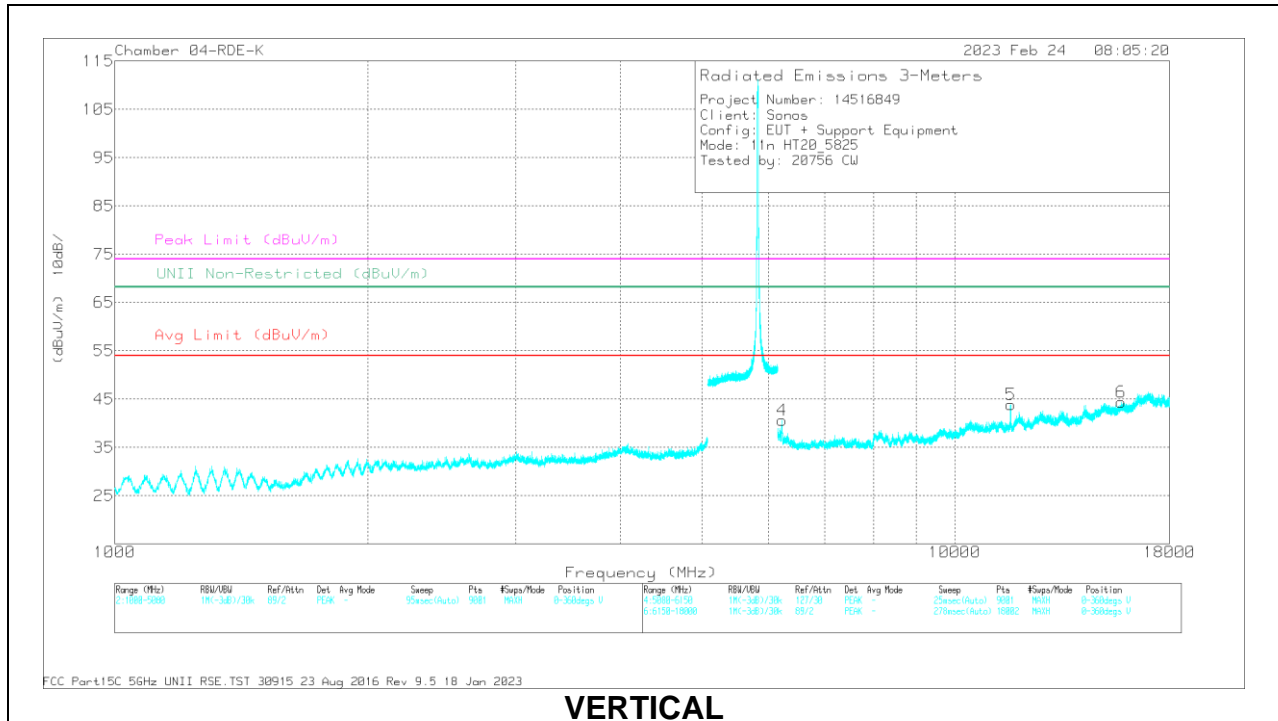
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2472.19	55.54	PK-U	32.1	-44.1	0	43.54	-	-	-	-	68.2	-24.66	87	147	H
2	* 4005.777	51.53	PK-U	35.1	-41.6	0	45.03	-	-	74	-28.97	-	-	79	243	H
	* 4003.537	40.04	ADR	35.1	-41.6	1.69	35.23	54	-18.77	-	-	-	-	79	243	H
3	2473.707	55.25	PK-U	32.2	-44.2	0	43.25	-	-	-	-	68.2	-24.95	323	104	V
4	* 4019.989	51.84	PK-U	35.2	-41.7	0	45.34	-	-	74	-28.66	-	-	117	105	V
	* 4020.673	40.19	ADR	35.2	-41.7	1.69	35.38	54	-18.62	-	-	-	-	117	105	V
5	* 11570.576	55.08	PK-U	38	-35.6	0	57.48	-	-	74	-16.52	-	-	189	200	H
	* 11570.52	42.11	ADR	38	-35.6	1.69	46.2	54	-7.8	-	-	-	-	189	200	H
6	* 11567.665	53.32	PK-U	38	-35.6	0	55.72	-	-	74	-18.28	-	-	163	200	V
	* 11567.658	41.03	ADR	38	-35.6	1.69	45.12	54	-8.88	-	-	-	-	163	200	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	* 8110.004	49.78	PK-U	35.9	-37.3	0	48.38	-	-	74	-25.62	-	-	264	110	H
	* 8109.38	37.36	ADR	35.9	-37.3	1.69	37.65	54	-16.35	-	-	-	-	264	110	H
2	* 11652.835	52.26	PK-U	38.1	-35.3	0	55.06	-	-	74	-18.94	-	-	262	200	H
	* 11652.943	40.02	ADR	38.1	-35.3	1.69	44.51	54	-9.49	-	-	-	-	262	200	H
3	* 15938.962	46.58	PK-U	40.2	-33	0	53.78	-	-	74	-20.22	-	-	20	283	H
	* 15939.039	34.6	ADR	40.2	-33	1.69	43.49	54	-10.51	-	-	-	-	20	283	H
4	6227.808	53.99	PK-U	35.3	-38.9	0	50.39	-	-	-	-	68.2	-17.81	86	141	V
5	* 11646.045	50.64	PK-U	38.1	-35.3	0	53.44	-	-	74	-20.56	-	-	97	212	V
	* 11646	38.64	ADR	38.1	-35.3	1.69	43.13	54	-10.87	-	-	-	-	97	212	V
6	* 15764.727	46.9	PK-U	40.1	-33.4	0	53.6	-	-	74	-20.4	-	-	4	146	V
	* 15764.819	35.24	ADR	40.1	-33.4	1.69	43.63	54	-10.37	-	-	-	-	4	146	V

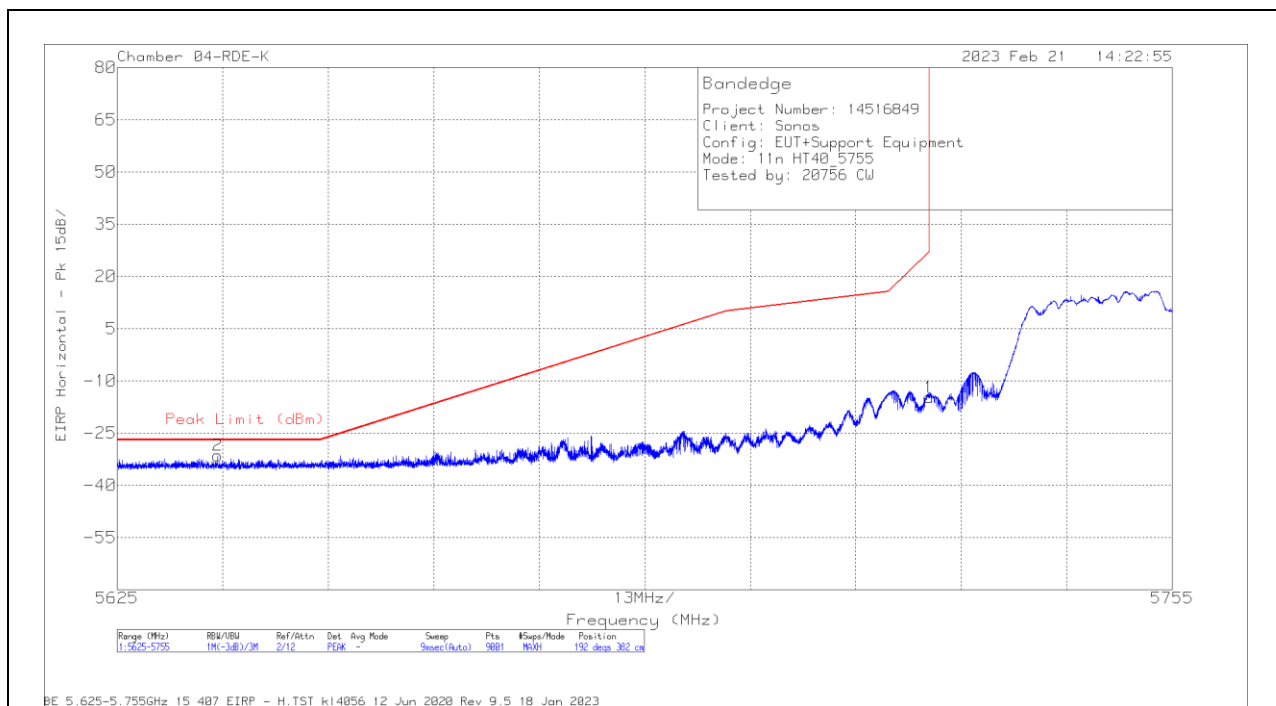
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

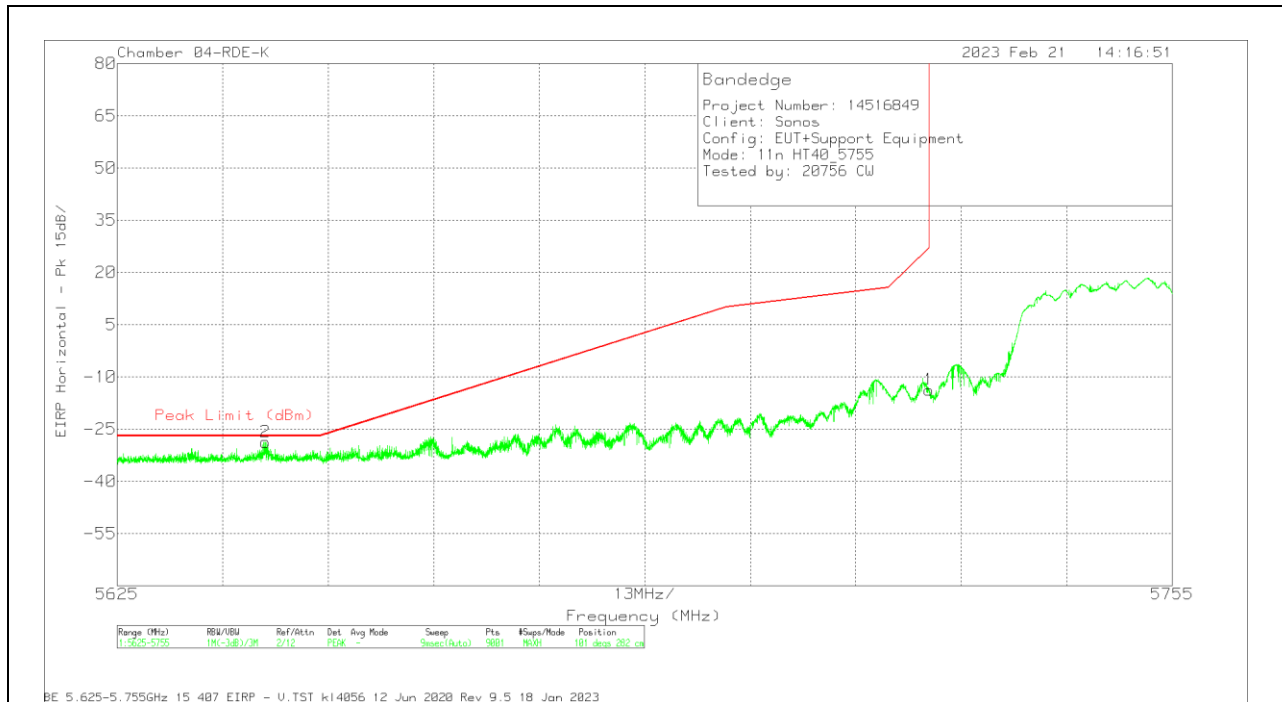


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-54.57	Pk	34.7	-6.7	11.8	-14.77	27	-41.77	192	382	H
2	5637.379	-70.83	Pk	34.6	-7	11.8	-31.43	-27	-4.43	192	382	H

Pk - Peak detector

VERTICAL RESULT



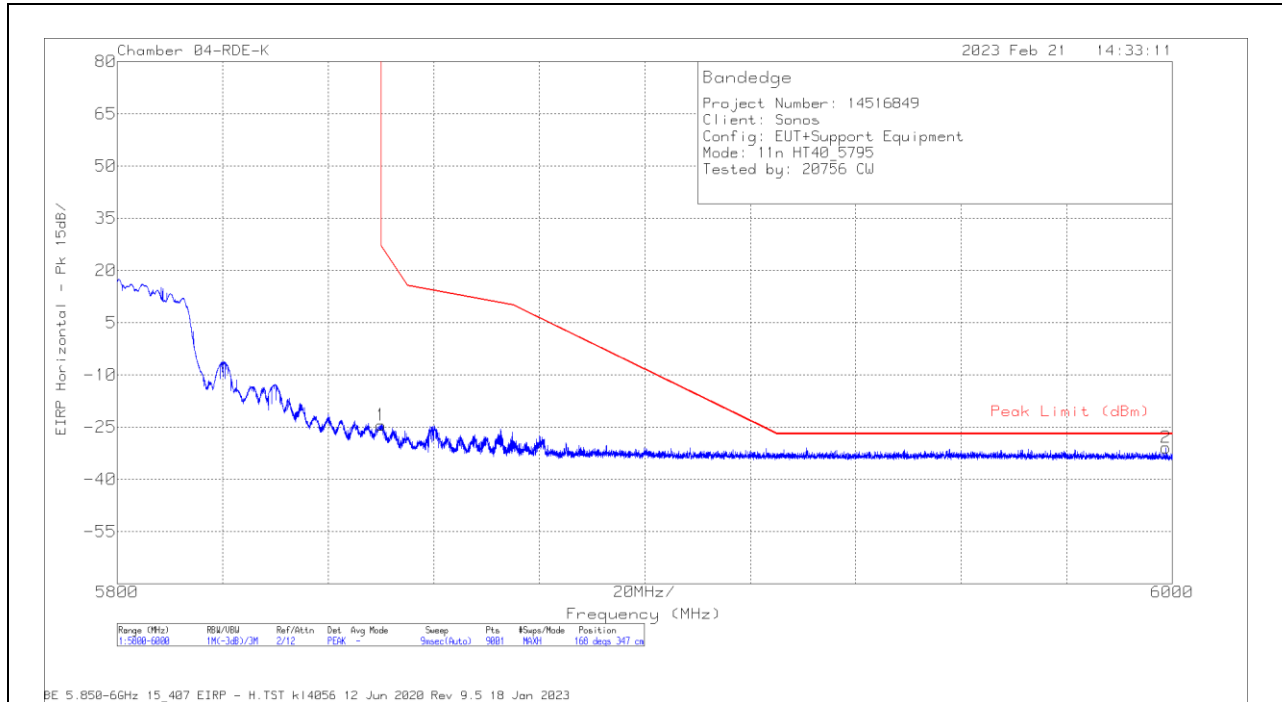
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-53.55	Pk	34.7	-6.7	11.8	-13.75	27	-40.75	101	282	V
2	5643.286	-68.02	Pk	34.6	-7.1	11.8	-28.72	-27	-1.72	101	282	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

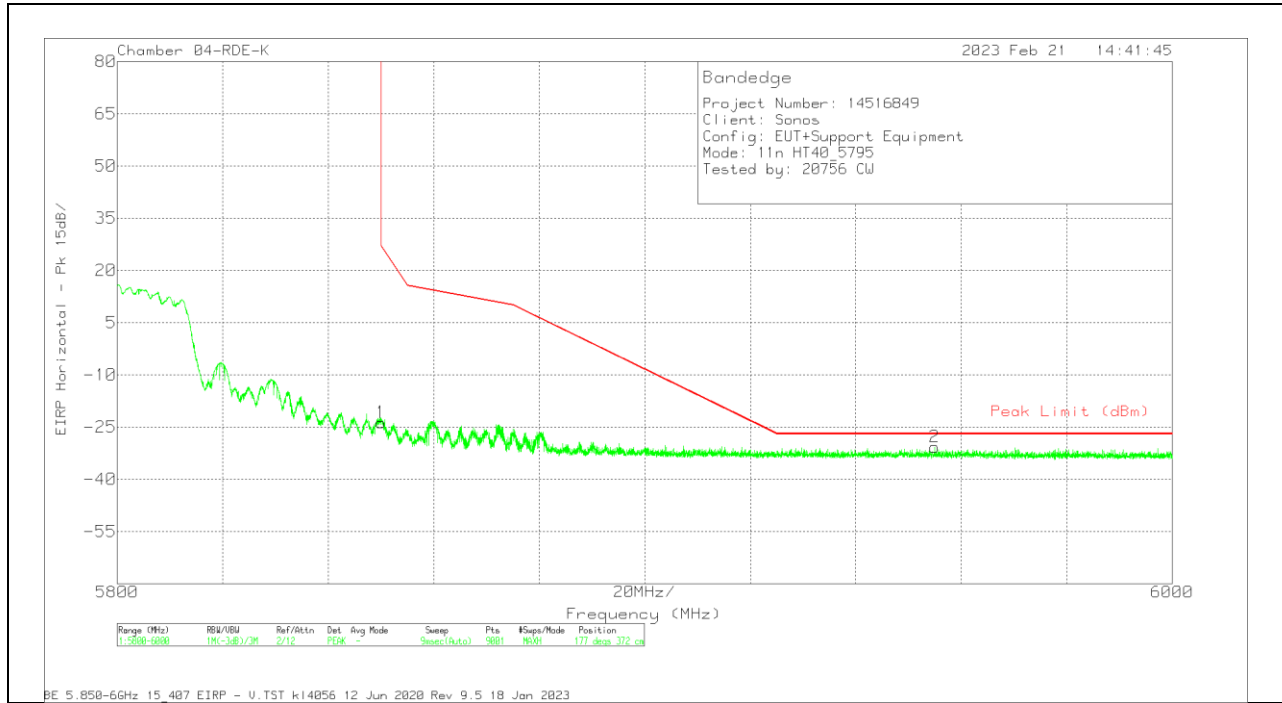


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-64.48	Pk	34.8	-6.6	11.8	-24.48	27	-51.48	168	347	H
2	5998.798	-71.39	Pk	35	-6.3	11.8	-30.89	-27	-3.89	168	347	H

Pk - Peak detector

VERTICAL RESULT



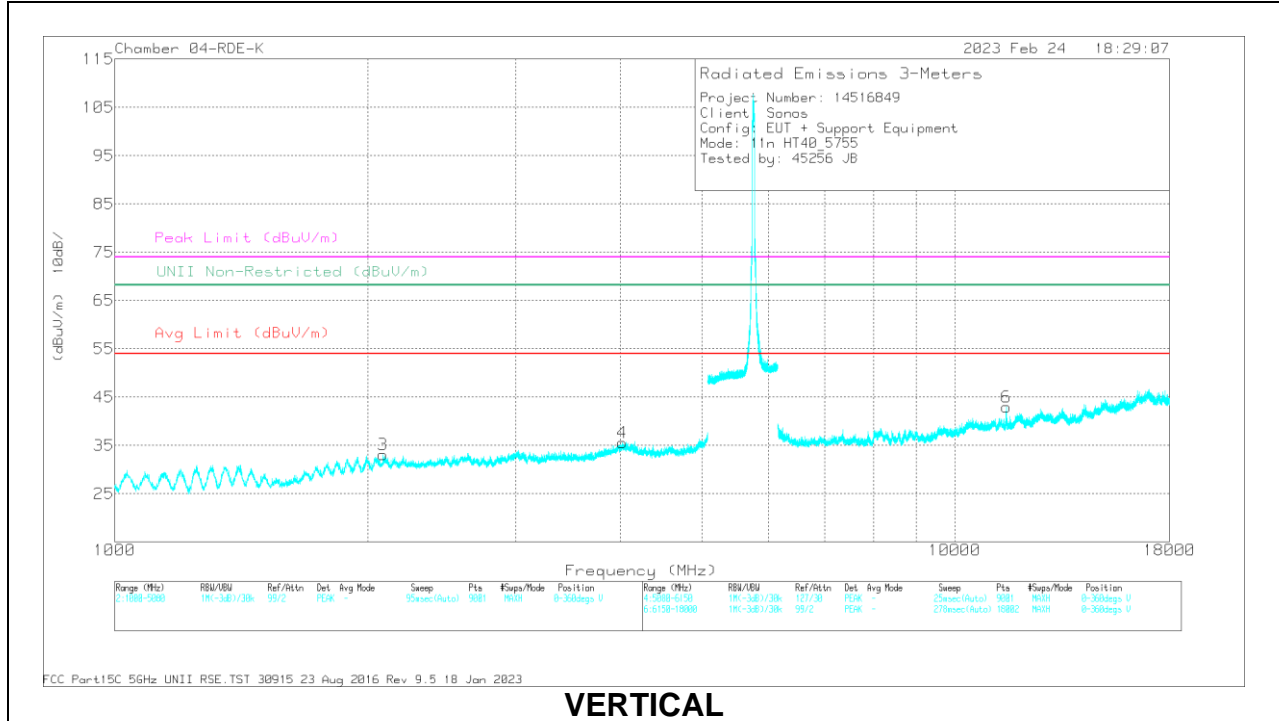
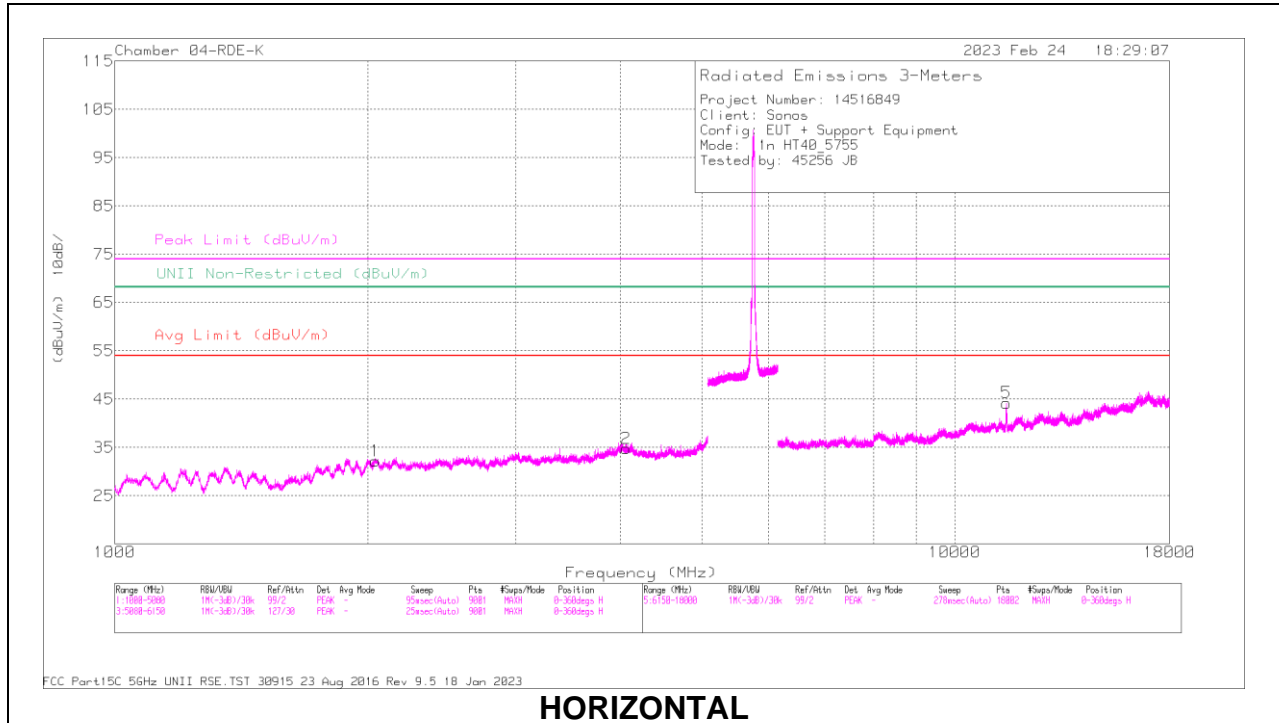
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-63.71	Pk	34.8	-6.6	11.8	-23.71	27	-50.71	177	372	V
2	5954.932	-71.31	Pk	35	-6.2	11.8	-30.71	-27	-3.71	177	372	V

Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

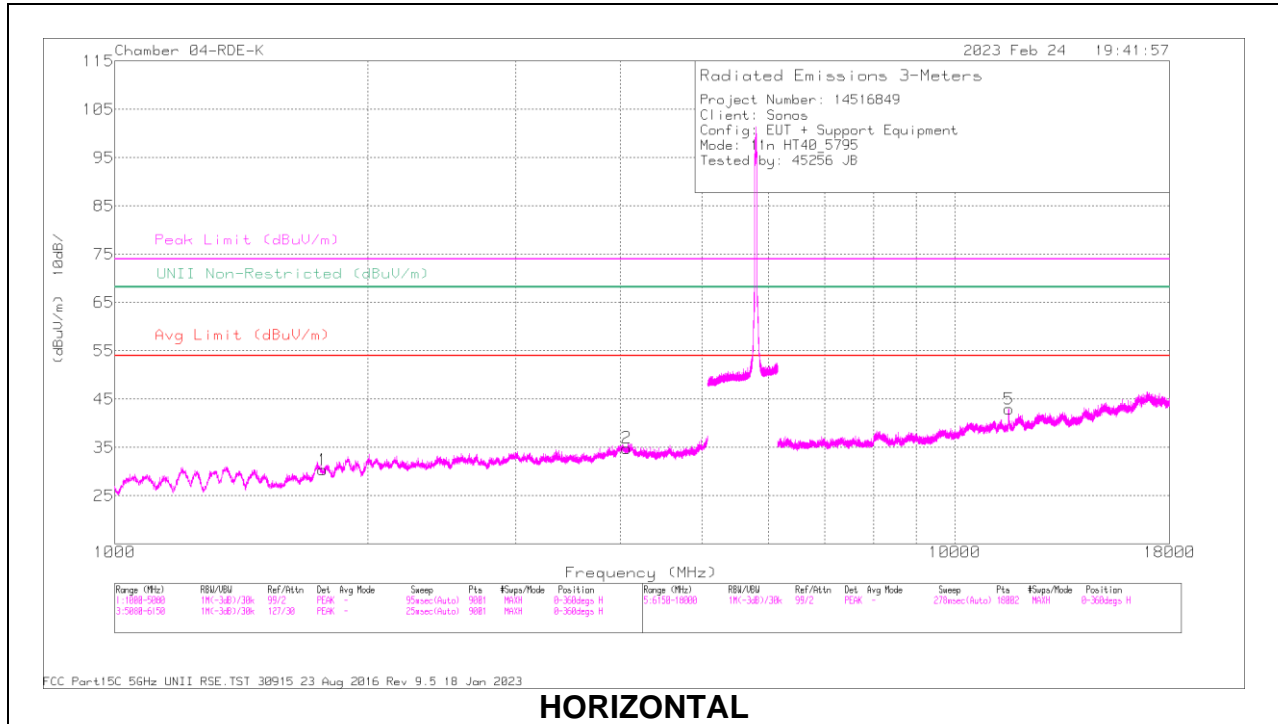


RADIATED EMISSIONS

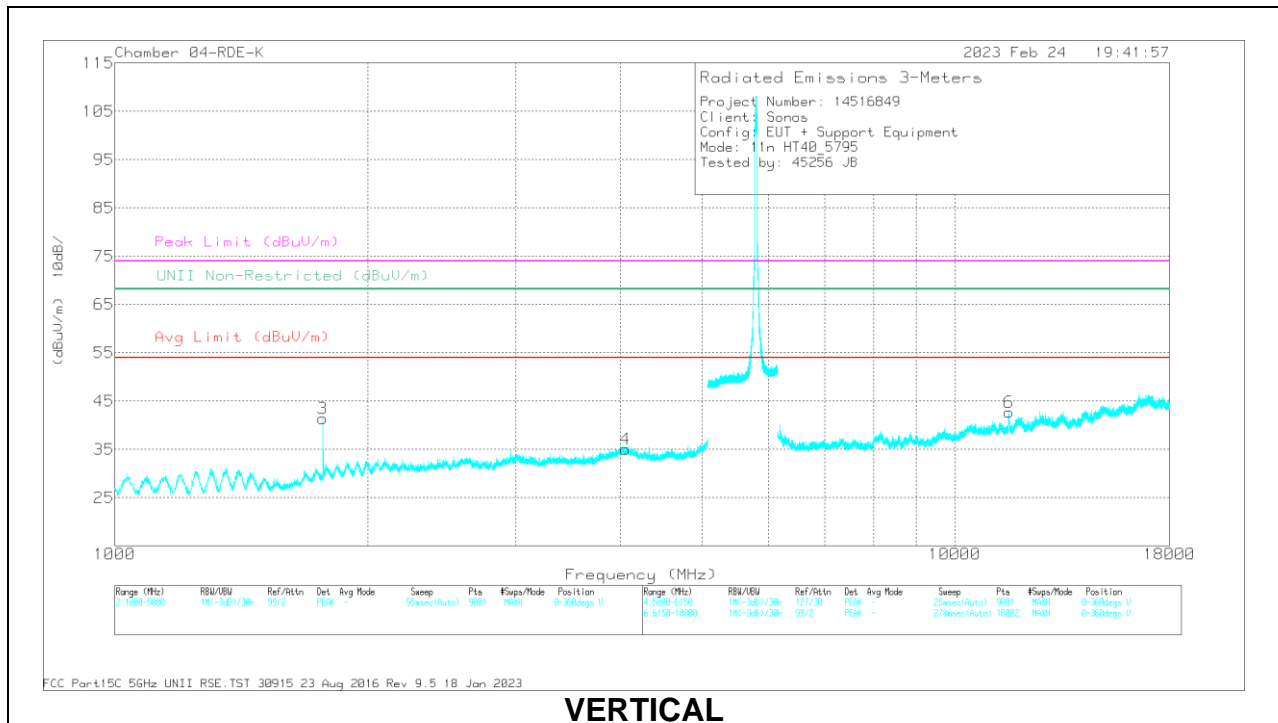
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2041.631	57.31	PK-U	31.7	-45.7	0	43.31	-	-	-	-	68.2	-24.89	97	243	H
2	* 4060.566	51.58	PK-U	35.2	-41.6	0	45.18	-	-	74	-28.82	-	-	185	396	H
	* 4062.603	39.47	ADR	35.2	-41.6	2.96	36.03	54	-17.97	-	-	-	-	185	396	H
3	2088.375	56.2	PK-U	31.7	-45.3	0	42.6	-	-	-	-	68.2	-25.6	113	206	V
4	* 4021.884	52.04	PK-U	35.2	-41.7	0	45.54	-	-	74	-28.46	-	-	45	229	V
	* 4020.248	40.07	ADR	35.2	-41.7	2.96	36.53	54	-17.47	-	-	-	-	45	229	V
5	* 11510.985	54.36	PK-U	37.9	-35.8	0	56.46	-	-	74	-17.54	-	-	190	200	H
	* 11510.684	41.99	ADR	37.9	-35.8	2.96	47.05	54	-6.95	-	-	-	-	190	200	H
6	* 11515.558	52.28	PK-U	37.9	-35.7	0	54.48	-	-	74	-19.52	-	-	212	343	V
	* 11515.544	40.38	ADR	37.9	-35.7	2.96	45.54	54	-8.46	-	-	-	-	212	343	V

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	1770.265	56.48	PK-U	29.9	-45.9	0	40.48	-	-	-	-	68.2	-27.72	299	158	H
2	* 4067.706	51.57	PK-U	35.2	-41.6	0	45.17	-	-	74	-28.83	-	-	212	257	H
	* 4068.342	39.75	ADR	35.2	-41.6	2.96	36.31	54	-17.69	-	-	-	-	212	257	H
3	1769.147	56.6	PK-U	29.9	-46	0	40.5	-	-	-	-	68.2	-27.7	21	106	V
4	* 4052.751	51.68	PK-U	35.2	-41.6	0	45.28	-	-	74	-28.72	-	-	28	313	V
	* 4049.047	39.8	ADR	35.2	-41.6	2.96	36.36	54	-17.64	-	-	-	-	28	313	V
5	* 11598.381	49.68	PK-U	38	-35.5	0	52.18	-	-	74	-21.82	-	-	262	204	H
	* 11598.223	37.8	ADR	38	-35.5	2.96	43.26	54	-10.74	-	-	-	-	262	204	H
6	* 11591.002	50.02	PK-U	38	-35.6	0	52.42	-	-	74	-21.58	-	-	216	120	V
	* 11590.912	37.47	ADR	38	-35.6	2.96	42.83	54	-11.17	-	-	-	-	216	120	V

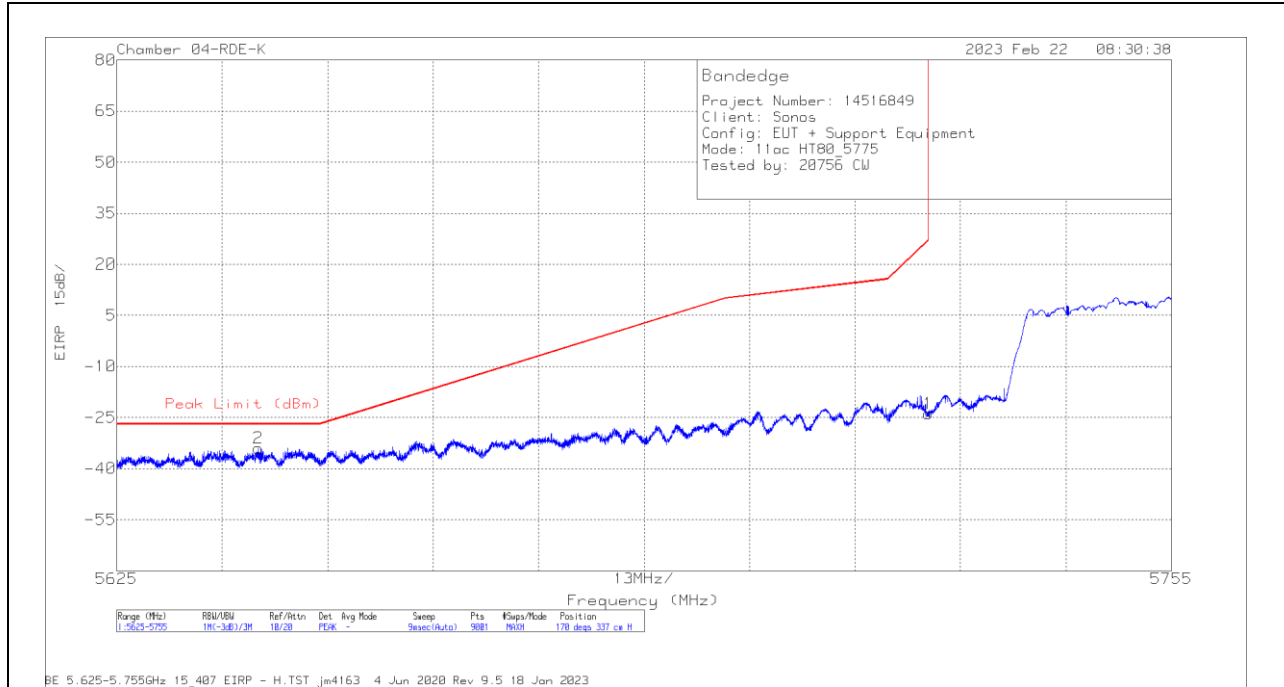
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

2TX Antenna 3 + Antenna 4 CDD MODE

BANDEDGE (CHANNEL 155 LOW EDGE)

HORIZONTAL RESULT

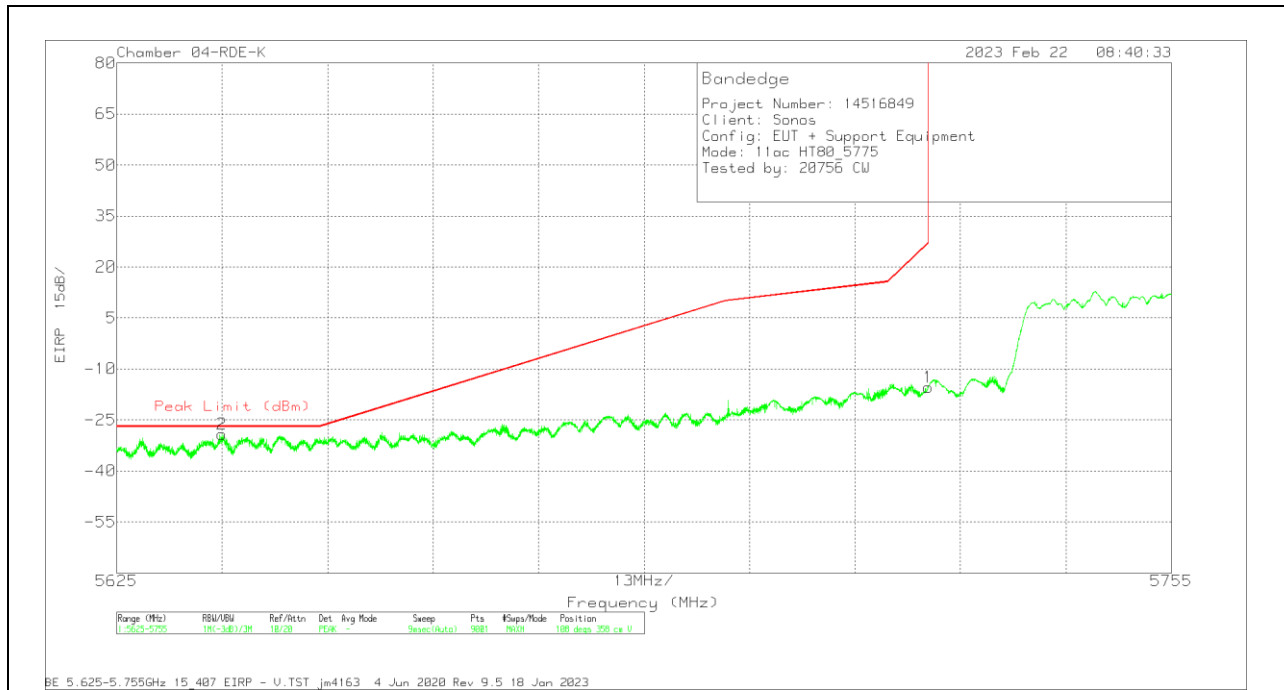


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-40.32	Pk	34.7	-30.1	11.8	-23.92	27	-50.92	170	337	H
2	5642.463	-50.12	Pk	34.6	-30.2	11.8	-33.92	-27	-6.92	170	337	H

Pk - Peak detector

VERTICAL RESULT



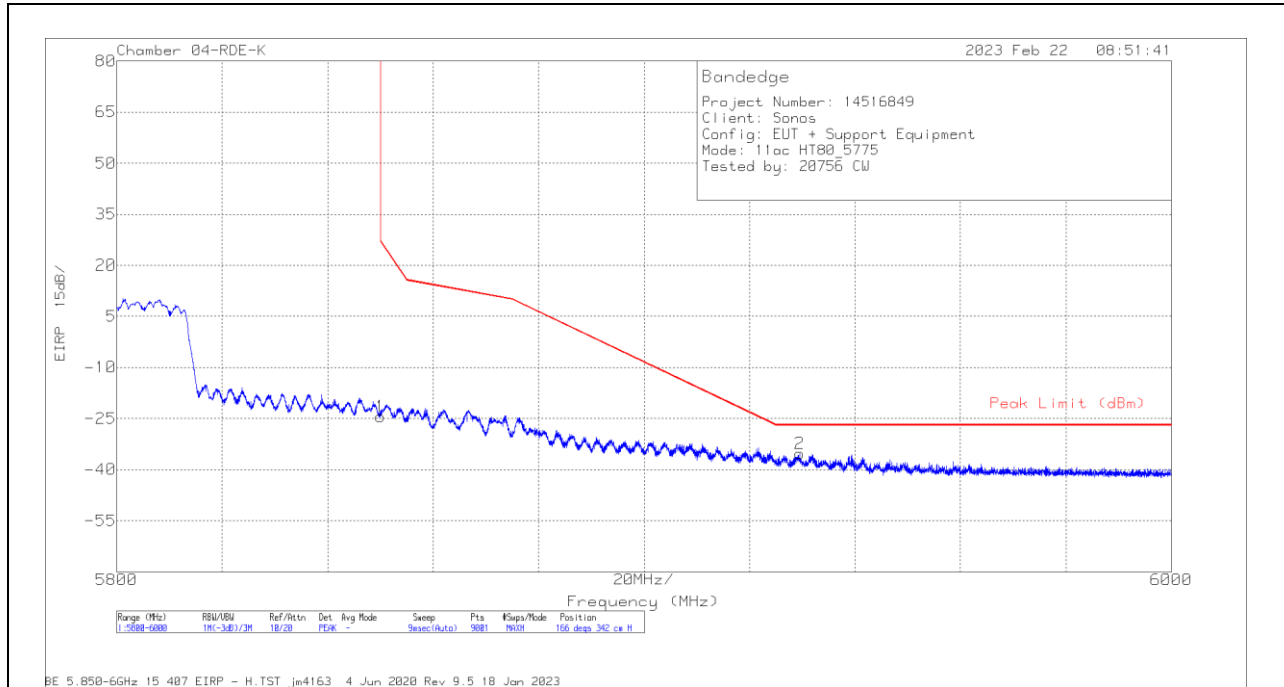
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-31.83	Pk	34.7	-30.1	11.8	-15.43	27	-42.43	108	358	V
2	5637.942	-45.47	Pk	34.6	-30.2	11.8	-29.27	-27	-2.27	108	358	V

Pk - Peak detector

BANDEDGE (CHANNEL 155 HIGH EDGE)

HORIZONTAL RESULT

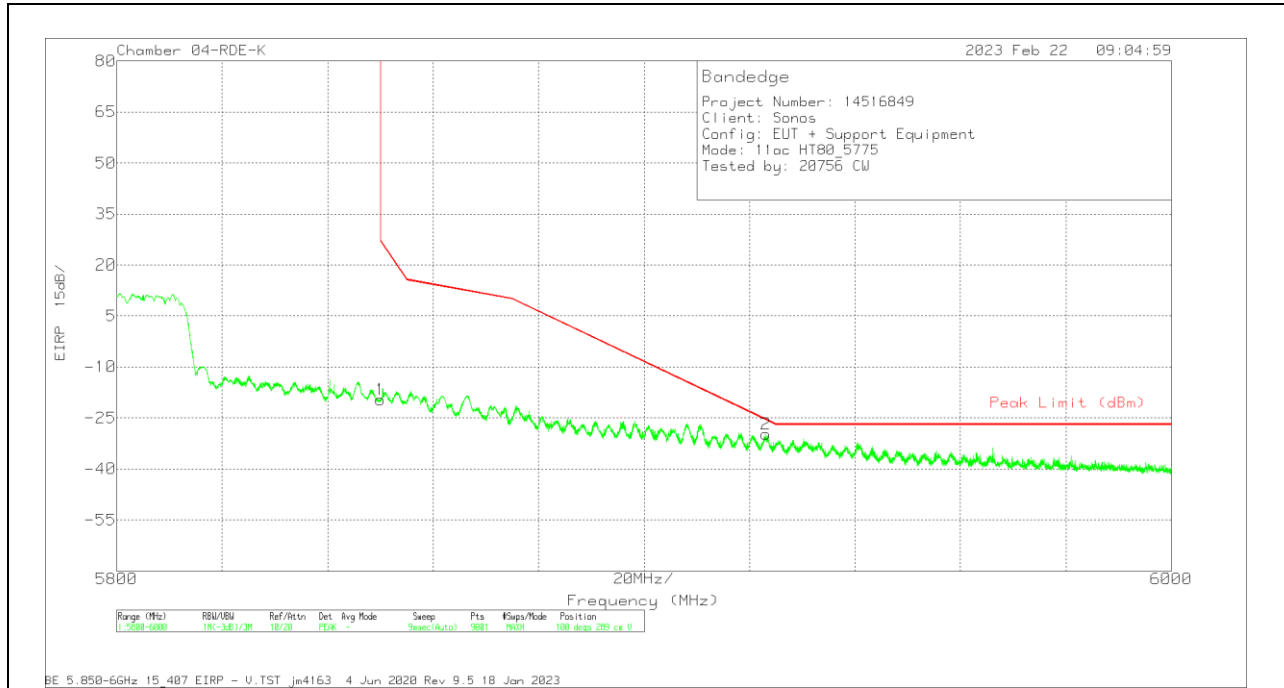


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-41.14	Pk	34.8	-29.9	11.8	-24.44	27	-51.44	166	342	H
2	5929.532	-52.12	Pk	34.9	-29.8	11.8	-35.22	-27	-8.22	166	342	H

Pk - Peak detector

VERTICAL RESULT



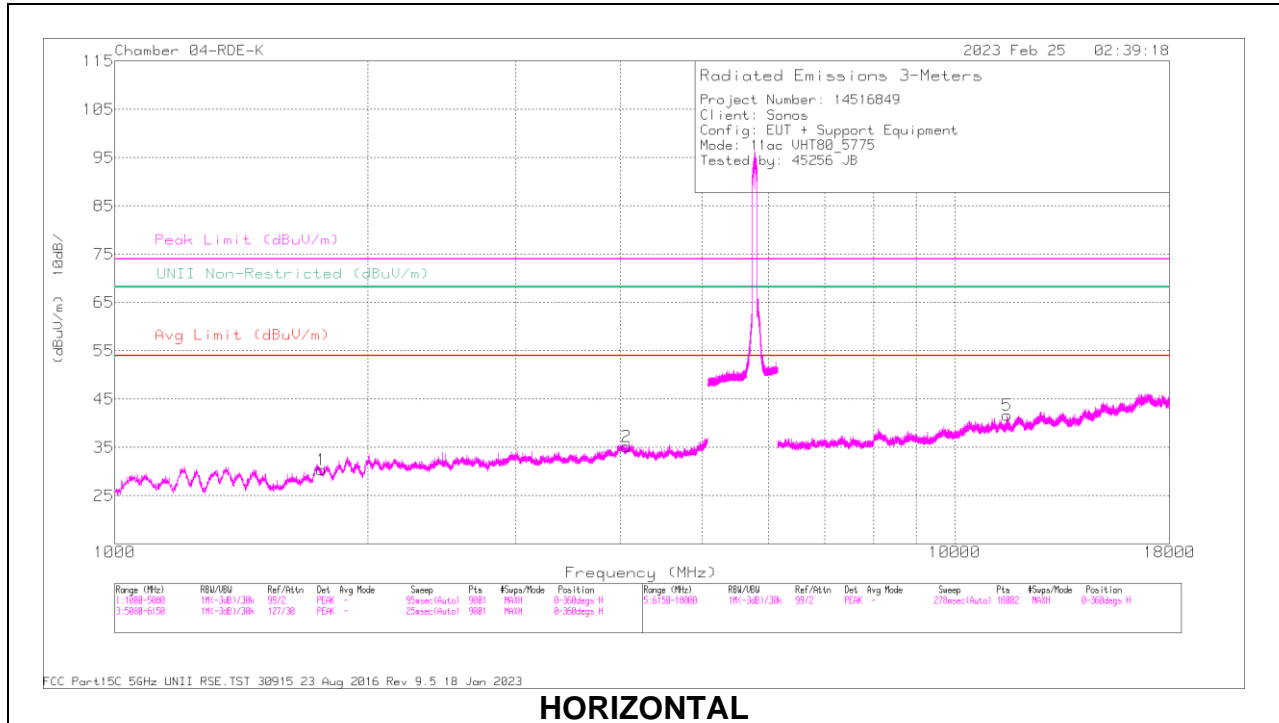
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-36.26	PK	34.8	-29.9	11.8	-19.56	27	-46.56	100	289	V
2	5923.065	-46.63	PK	34.9	-29.8	11.8	-29.73	-25.57	-4.16	100	289	V

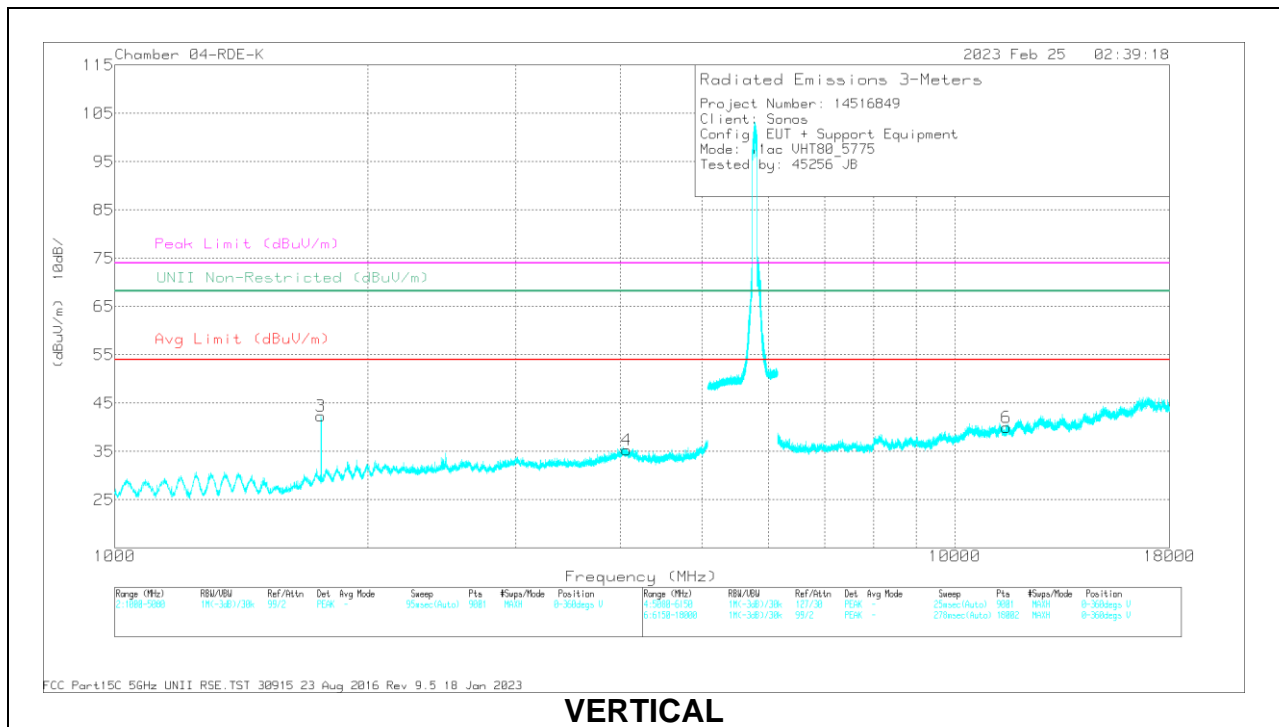
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

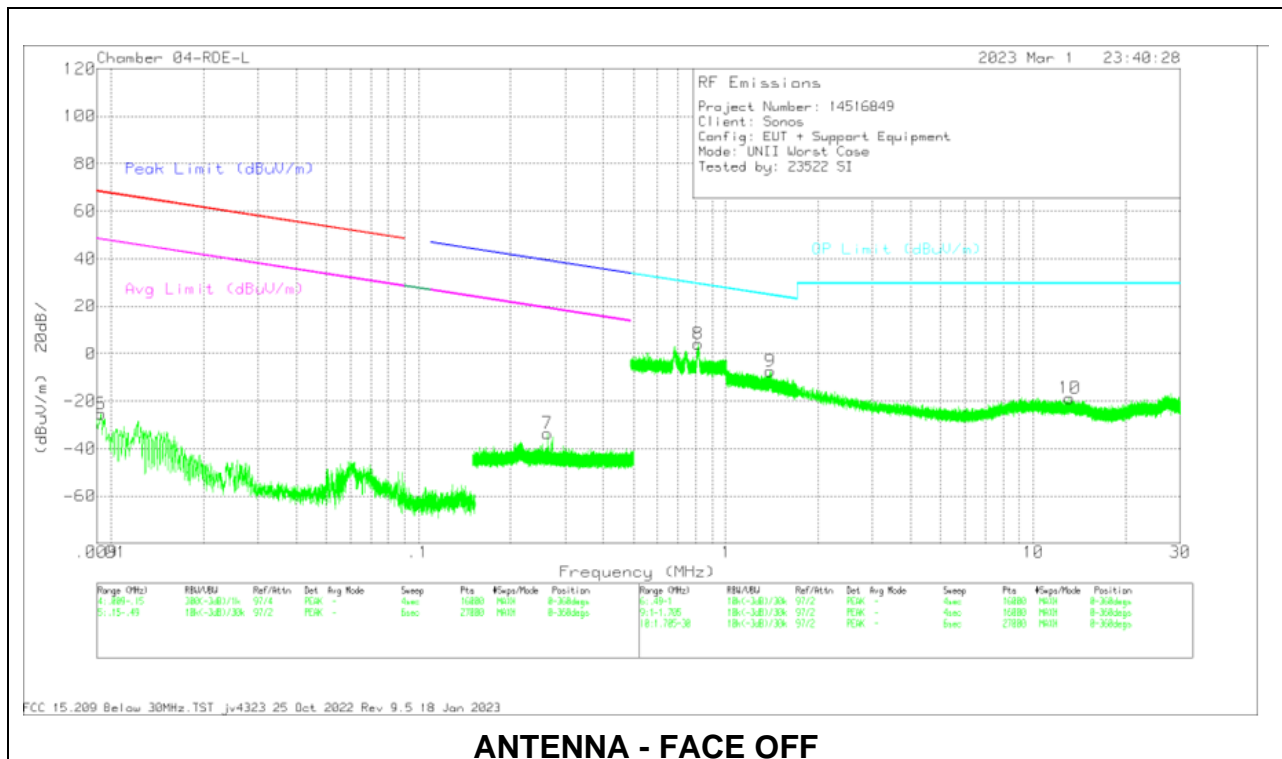
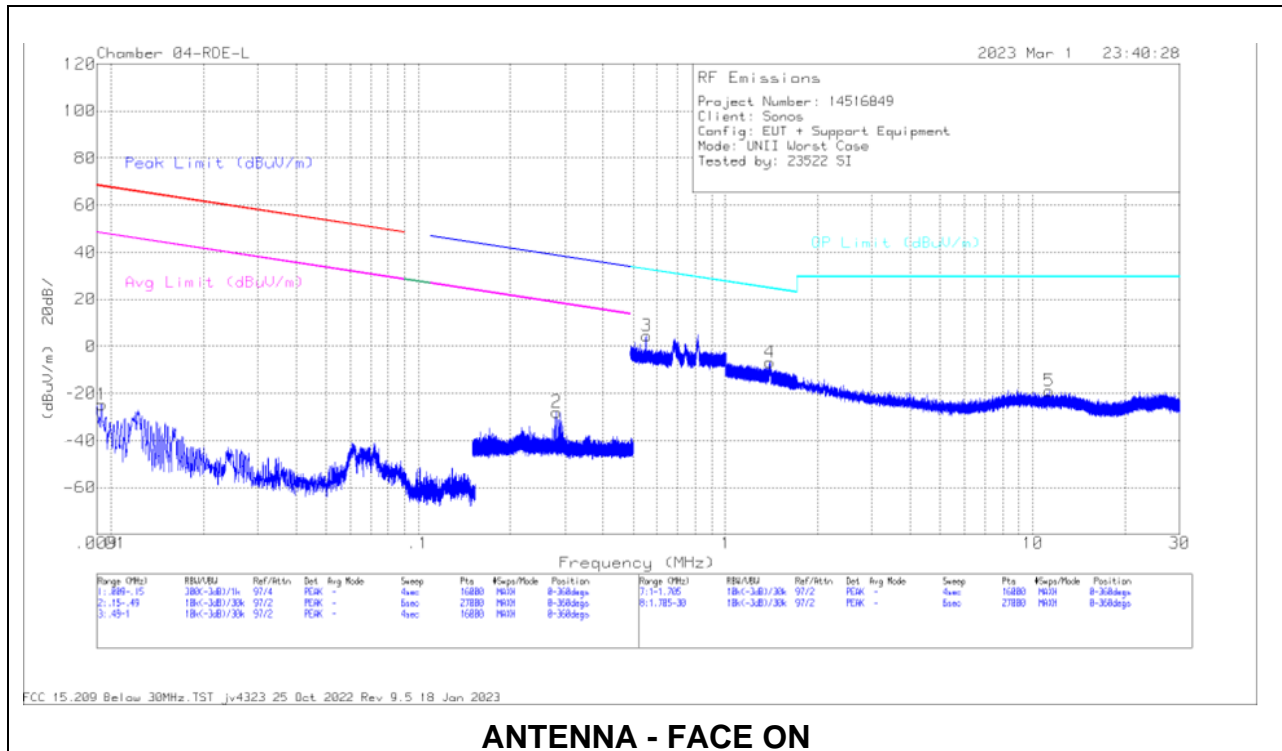
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (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	1762.874	57.01	PK-U	29.8	-46	0	40.81	-	-	-	-	68.2	-27.39	75	297	H
2	* 4063.68	51.26	PK-U	35.2	-41.6	0	44.86	-	-	74	-29.14	-	-	56	107	H
	* 4063.577	39.44	ADR	35.2	-41.6	4.69	37.73	54	-16.27	-	-	-	-	56	107	H
3	1760.427	62.7	PK-U	29.8	-46.1	0	46.4	-	-	-	-	68.2	-21.8	357	380	V
4	* 4068.665	52.17	PK-U	35.2	-41.6	0	45.77	-	-	74	-28.23	-	-	313	126	V
	* 4069.195	39.77	ADR	35.2	-41.6	4.69	38.06	54	-15.94	-	-	-	-	313	126	V
5	* 11538.566	50.04	PK-U	37.9	-35.8	0	52.14	-	-	74	-21.86	-	-	186	204	H
	* 11538.408	37.44	ADR	37.9	-35.8	4.69	44.23	54	-9.77	-	-	-	-	186	204	H
6	* 11525.332	48.79	PK-U	37.9	-35.8	0	50.89	-	-	74	-23.11	-	-	215	345	V
	* 11525.829	36.5	ADR	37.9	-35.8	4.69	43.29	54	-10.71	-	-	-	-	215	345	V

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

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



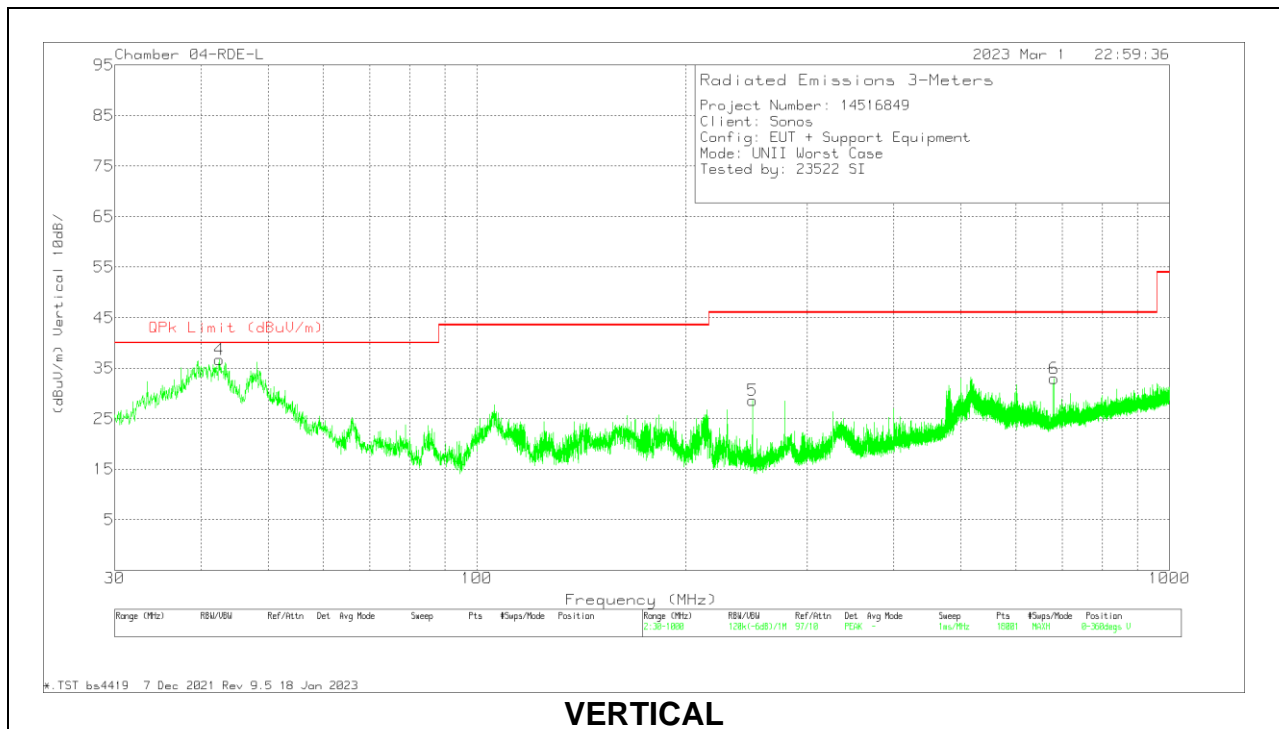
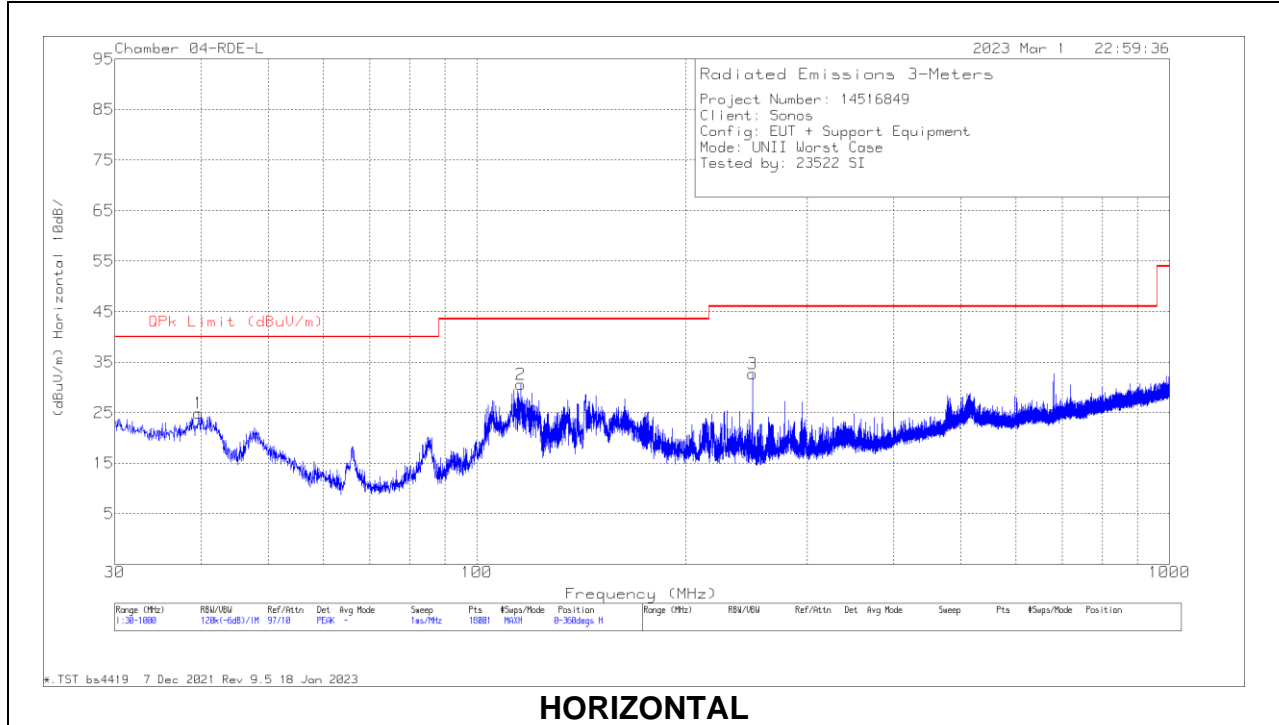
Below 30MHz Data

Range 1: Face On .009 - .15MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
1	.0093	23.33	Pk	60.8	-28.8	-80	-24.67	68.18	-92.85	48.18	-72.85	10-360	0-deg
Range 2: Face On .15 - .49MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
2	.2821	28.16	Pk	56	-32	-80	-27.84	38.61	-66.45	18.61	-46.45	0-360	0-deg
Range 3: Face On .49 - 1MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
3	.5544	20.44	Pk	56	-31.9	-40	4.54	32.73	-28.19	0-360	0-deg		
Range 4: Face Off .009 - .15MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
6	.0093	22.66	Pk	60.8	-28.8	-80	-25.34	68.22	-93.56	48.22	-73.56	0-360	90-degs
Range 5: Face Off .15 - .49MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
7	.2631	22.39	Pk	56	-32	-80	-33.61	39.21	-72.82	19.21	-52.82	0-360	90-degs
Range 6: Face Off .49 - 1MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
8	.8126	19.9	Pk	56.1	-31.9	-40	4.1	29.42	-25.32	0-360	90-degs		
Range 7: Face On 1 - 1.705MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
4	1.3942	20.48	Pk	44.7	-31.9	-40	-6.72	24.74	-31.46	0-360	0-degs		
Range 8: Face On 1.705 - 30MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
5	11.2973	18.24	Pk	34.5	-31.6	-40	-18.86	29.5	-48.36	0-360	0-deg		
Range 9: Face Off 1 - 1.705MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
9	1.3921	19.79	Pk	44.7	-31.9	-40	-7.41	24.76	-32.17	0-360	90-degs		
Range 10: Face Off 1.705 - 30MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
10	13.1177	18.61	Pk	34.2	-31.6	-40	-18.79	29.5	-48.29	0-360	90-degs		

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1GHz Data

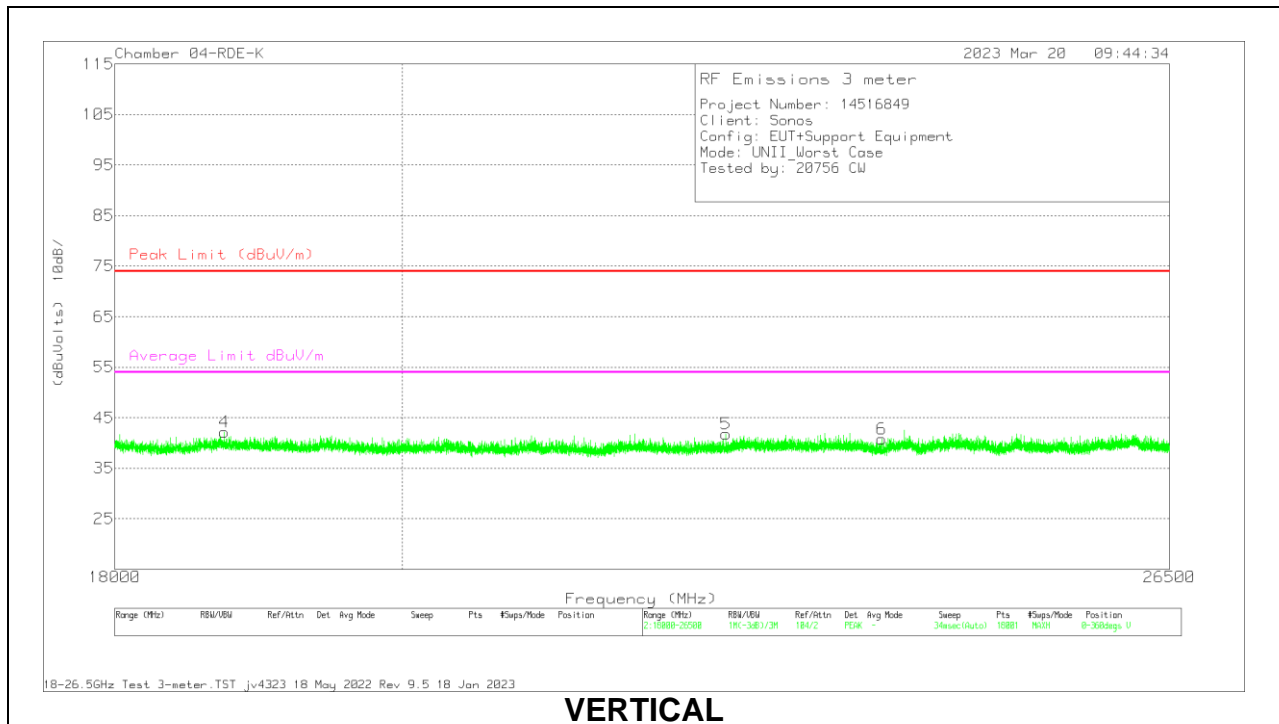
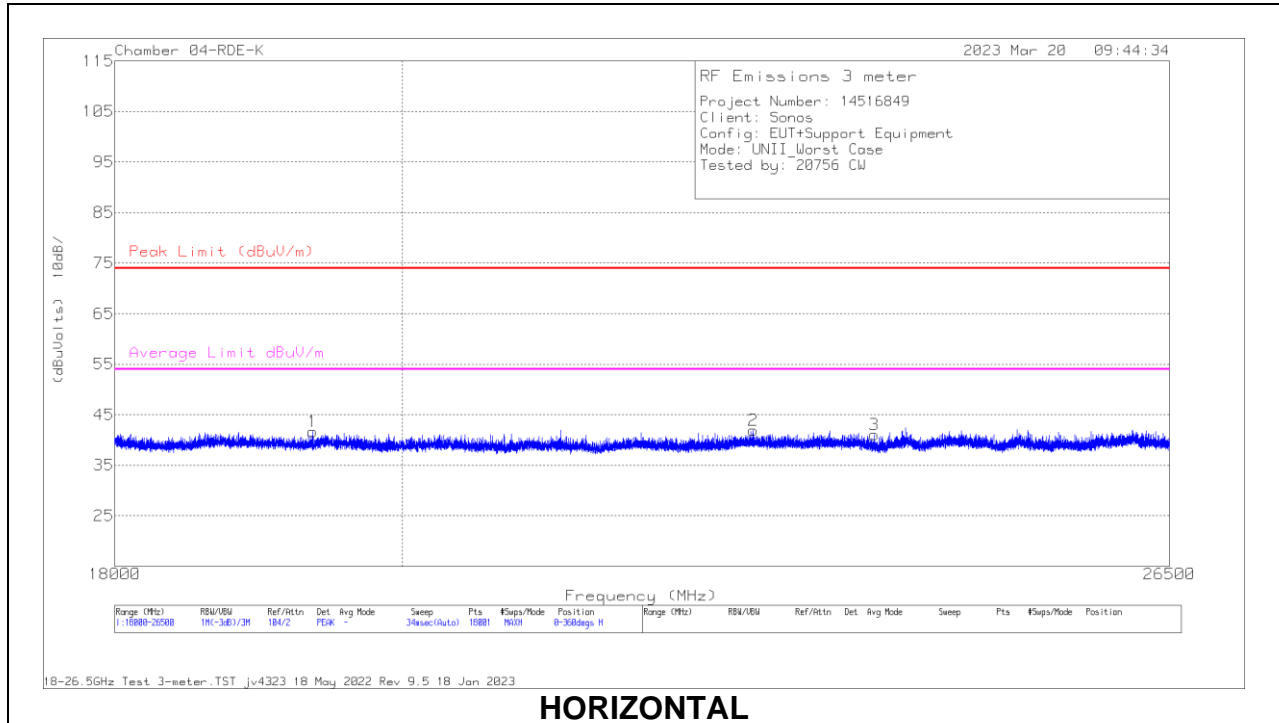
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.6461	36.13	Pk	20	-31.2	24.93	40	-15.07	0-360	399	H
2	115.684	41.84	Pk	19.4	-30.6	30.64	43.52	-12.88	0-360	299	H
3	249.975	45.2	Pk	17.2	-29.7	32.7	46.02	-13.32	0-360	99	H
4	42.5456	52.24	Pk	17.9	-31.2	38.94	40	-1.06	143	108	V
	42.5456	46.47	Qp	17.9	-31.2	33.17	40	-6.83	143	108	V
5	249.975	41.15	Pk	17.2	-29.7	28.65	46.02	-17.37	0-360	101	V
6	681.895	35.68	Pk	25.6	-28.3	32.98	46.02	-13.04	0-360	101	V

Pk - Peak detector

Qp - Quasi-Peak detector

10.4. WORST CASE 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



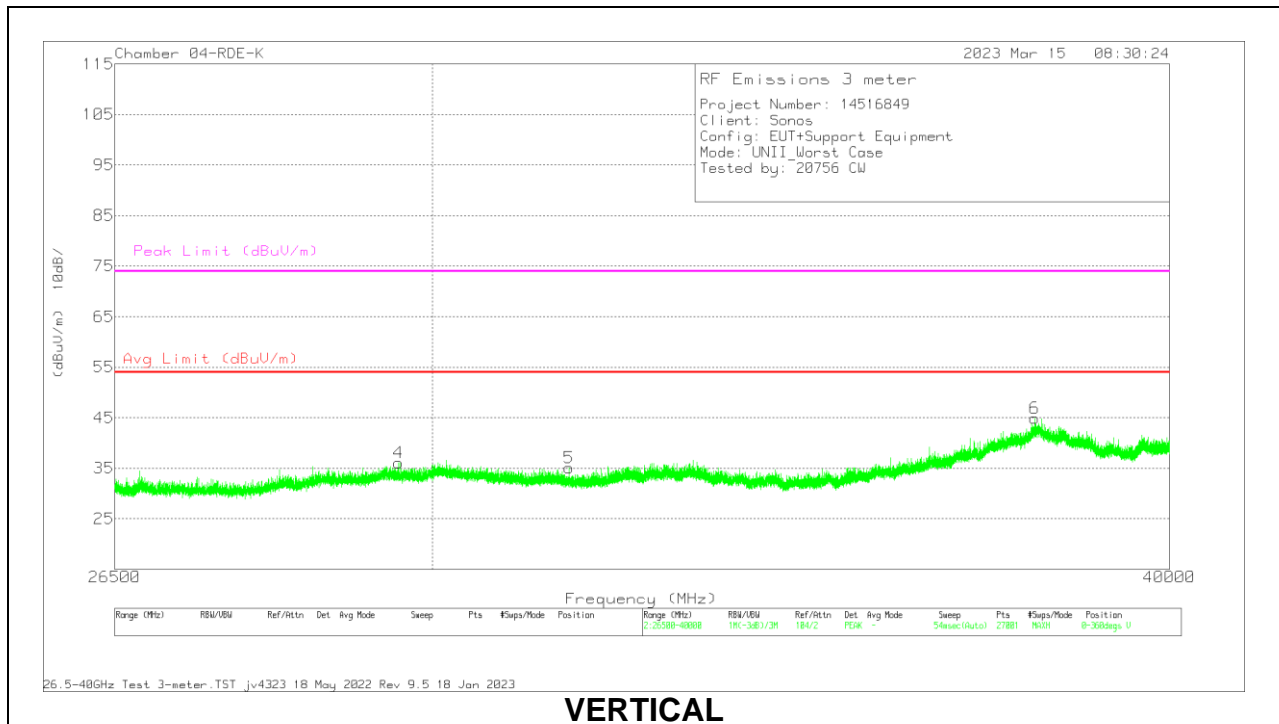
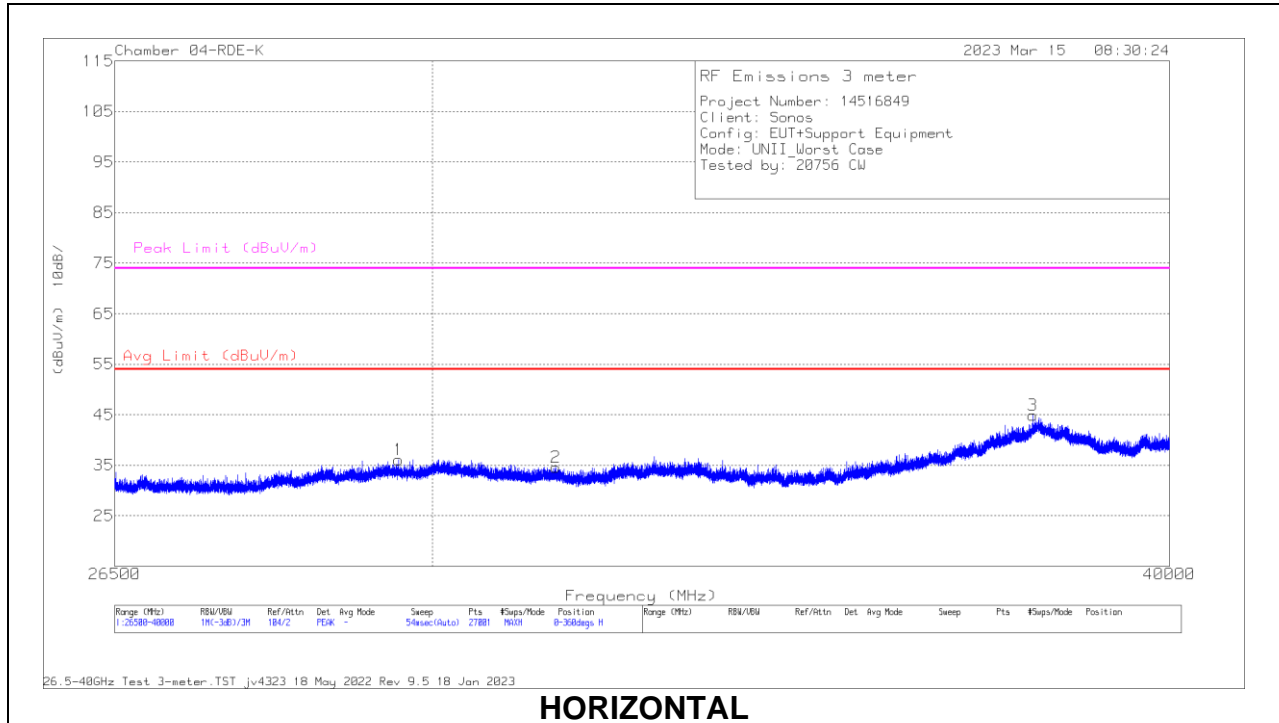
18 – 26GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	199659 ACF (dB)	234683 Amp/Cbl (dB)	Cables (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19353.388	52.41	Pk	33.4	-62.7	18.5	41.61	74	-32.39	54	-12.39	0-360	200	H
2	* 22746.776	51.28	Pk	33.1	-62.4	19.9	41.88	74	-32.12	54	-12.12	0-360	101	H
3	* 23778.581	49.98	Pk	33.3	-62.6	20.4	41.08	74	-32.92	54	-12.92	0-360	200	H
4	* 18737.139	53.21	Pk	33.5	-62.8	18.2	42.11	74	-31.89	54	-11.89	0-360	101	V
5	* 22522.942	51.51	Pk	33.1	-62.6	19.8	41.81	74	-32.19	54	-12.19	0-360	101	V
6	* 23844.219	49.63	Pk	33.3	-62.5	20.4	40.83	74	-33.17	54	-13.17	0-360	200	V

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

10.5. WORST CASE 26-40 GHz

SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)



26 – 40GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	199661 3m AF (dB/m)	172345 amp/cbl (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	29603	48.04	Pk	36.5	-71.2	22.7	36.04	54	-17.96	74	-37.96	0-360	200	H
2	* 31481.5	43.72	Pk	36.9	-69.5	23.5	34.62	54	-19.38	74	-39.38	0-360	101	H
3	37920.5	48.22	Pk	38.8	-68.5	26.4	44.92	54	-9.08	74	-29.08	0-360	101	H
4	29606.5	48.12	Pk	36.5	-71.2	22.7	36.12	54	-17.88	74	-37.88	0-360	101	V
5	* 31643.5	44.37	Pk	36.9	-69.7	23.5	35.07	54	-18.93	74	-38.93	0-360	101	V
6	37950.5	47.94	Pk	38.8	-68.3	26.4	44.84	54	-9.16	74	-29.16	0-360	101	V

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

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

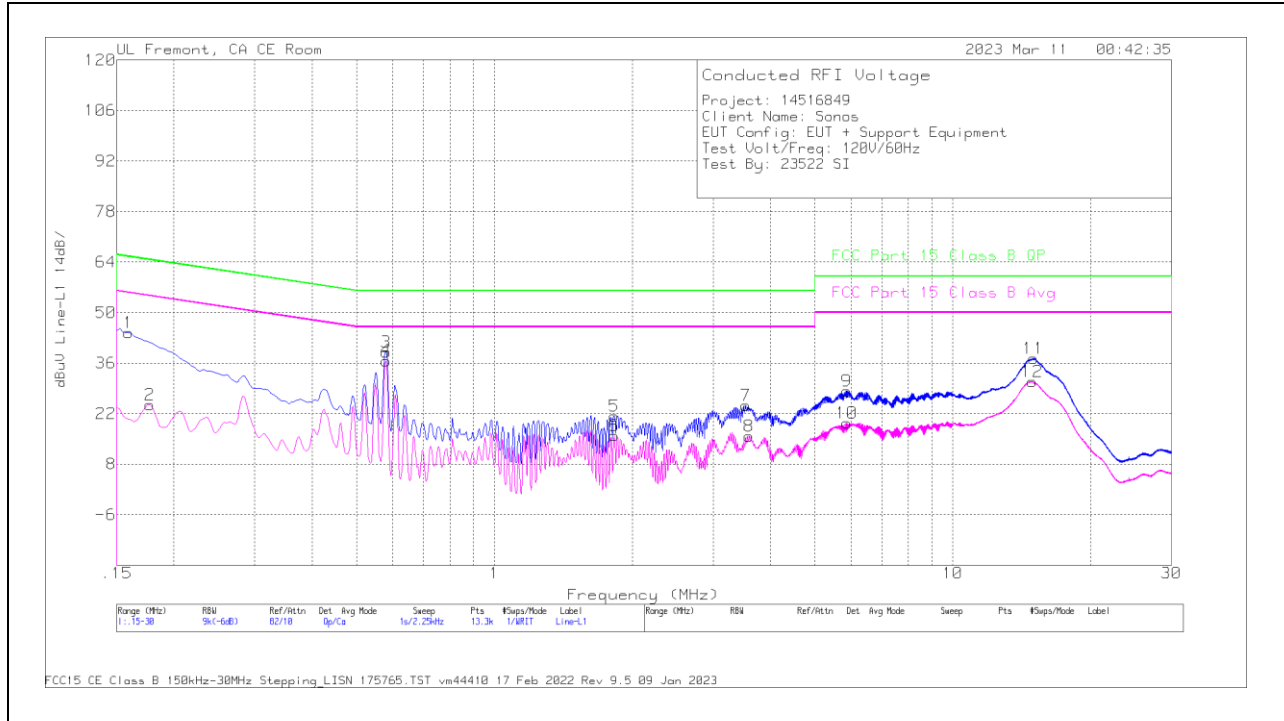
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC Power Line Norm

LINE 1 RESULTS

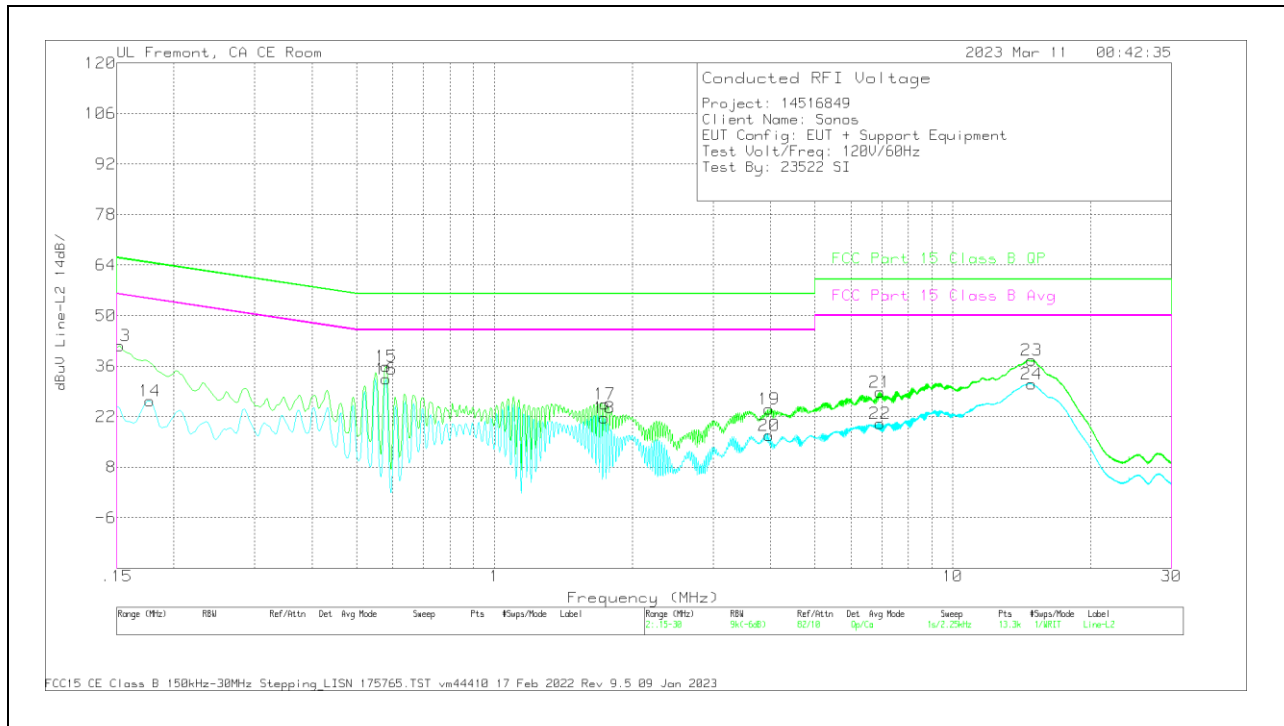


Trace Markers

Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
2	.177	14.92	Ca	.1	0	9.4	24.42	-	-	54.63	-30.21
4	.5798	27.3	Ca	0	.1	9.3	36.7	-	-	46	-9.3
6	1.8263	6.48	Ca	0	.1	9.3	15.88	-	-	46	-30.12
8	3.5948	6.32	Ca	0	.1	9.3	15.72	-	-	46	-30.28
10	5.865	9.93	Ca	0	.1	9.3	19.33	-	-	50	-30.67
12	14.9145	21.27	Ca	.1	.2	9.3	30.87	-	-	50	-19.13
1	.159	34.87	Qp	.1	0	9.4	44.37	65.52	-21.15	-	-
3	.5798	29.64	Qp	0	.1	9.3	39.04	56	-16.96	-	-
5	1.824	11.95	Qp	0	.1	9.3	21.35	56	-34.65	-	-
7	3.534	14.84	Qp	0	.1	9.3	24.24	56	-31.76	-	-
9	5.8639	18.94	Qp	0	.1	9.3	28.34	60	-31.66	-	-
11	14.9843	27.71	Qp	.1	.2	9.3	37.31	60	-22.69	-	-

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	175765 LISN L2	C2&C3 cable path loss	207996 Limiter with short cabl	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.177	16.89	Ca	.1	0	9.4	26.39	-	-	54.63	-28.24
16	.5798	23.04	Ca	0	.1	9.3	32.44	-	-	46	-13.56
18	1.7385	12.21	Ca	0	.1	9.3	21.61	-	-	46	-24.39
20	3.9728	7.45	Ca	0	.1	9.3	16.85	-	-	46	-29.15
22	6.9461	10.64	Ca	0	.1	9.3	20.04	-	-	50	-29.96
24	14.8583	21.53	Ca	.1	.2	9.3	31.13	-	-	50	-18.87
13	.1523	32.11	Qp	.1	0	9.4	41.61	65.88	-24.27	-	-
15	.5798	26.45	Qp	0	.1	9.3	35.85	56	-20.15	-	-
17	1.7408	16.07	Qp	0	.1	9.3	25.47	56	-30.53	-	-
19	3.9728	14.65	Qp	0	.1	9.3	24.05	56	-31.95	-	-
21	6.9473	19.33	Qp	0	.1	9.3	28.73	60	-31.27	-	-
23	14.8583	27.99	Qp	.1	.2	9.3	37.59	60	-22.41	-	-

Qp - Quasi-Peak detector
 Ca - CISPR average detection