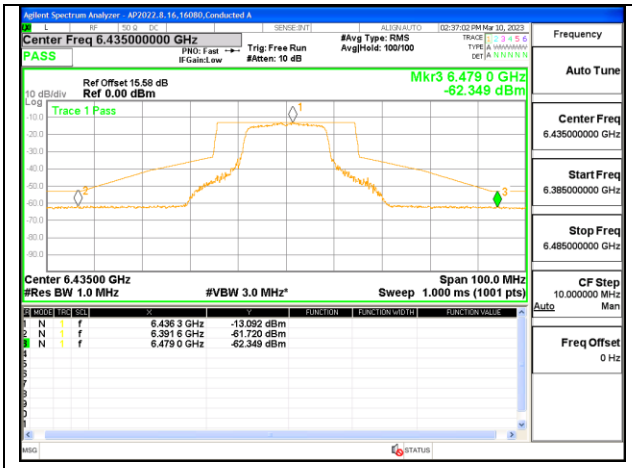
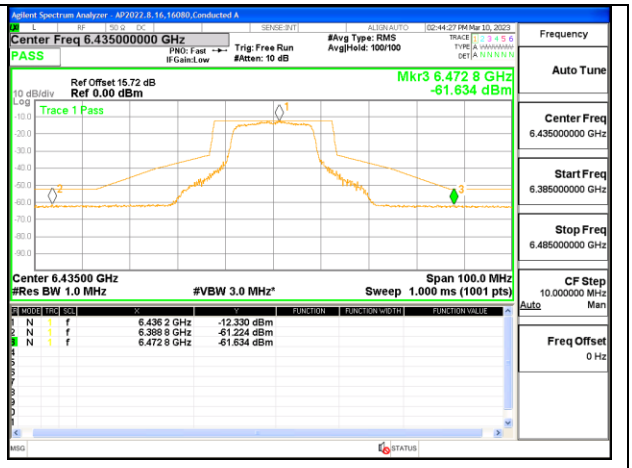
9.5.2. 802.11a MODE 2TX IN THE UNII-6 BAND

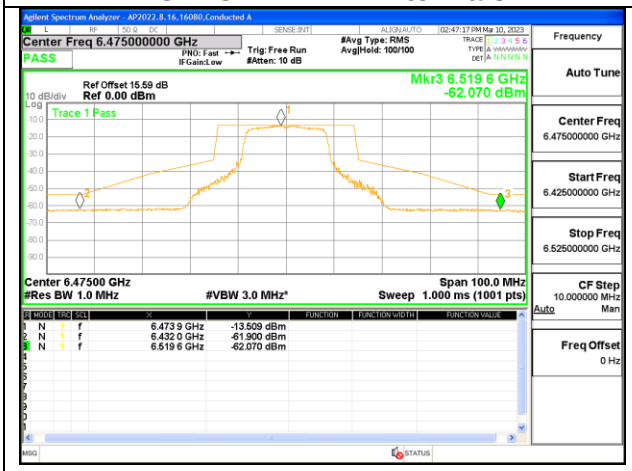
2TX Antenna 3 + Antenna 4 CDD MODE:



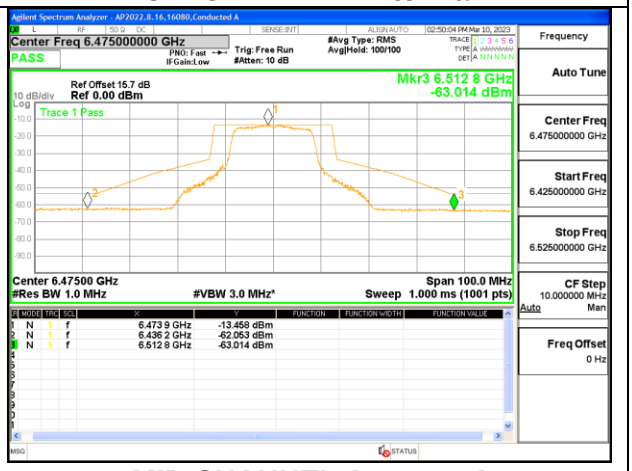
LOW CHANNEL Antenna 3



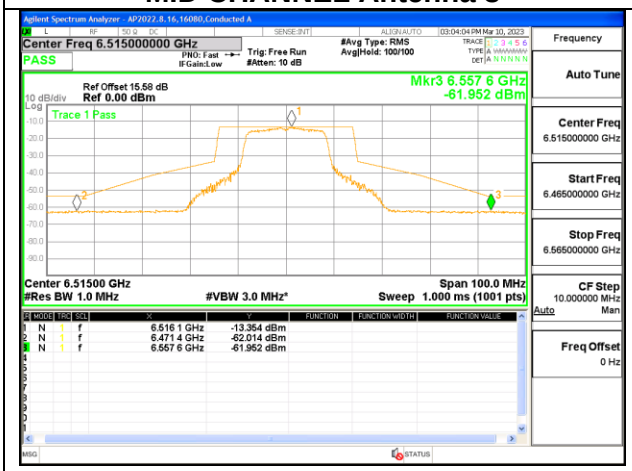
LOW CHANNEL Antenna 4



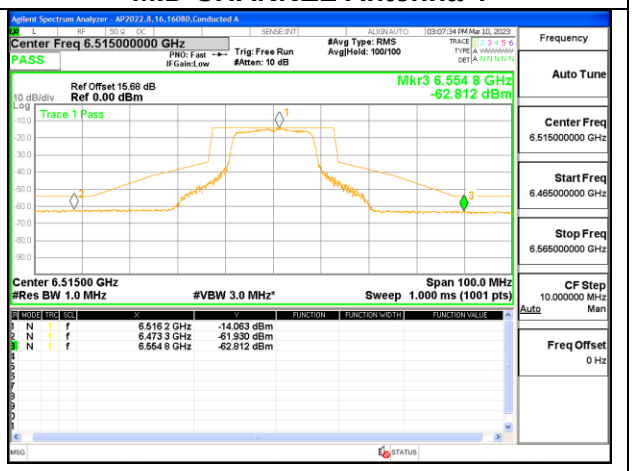
MID CHANNEL Antenna 3



MID CHANNEL Antenna 4



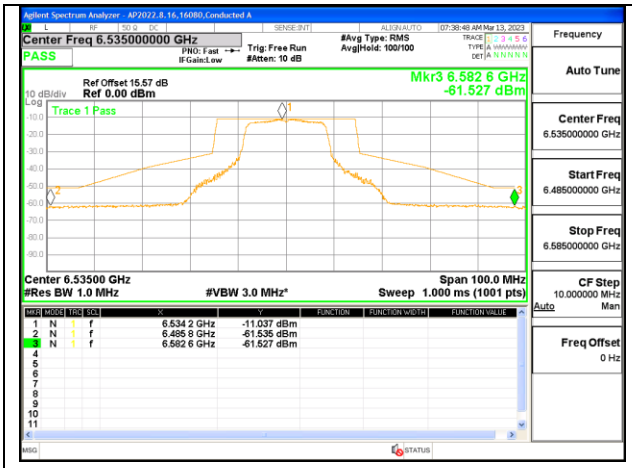
HIGH CHANNEL Antenna 3



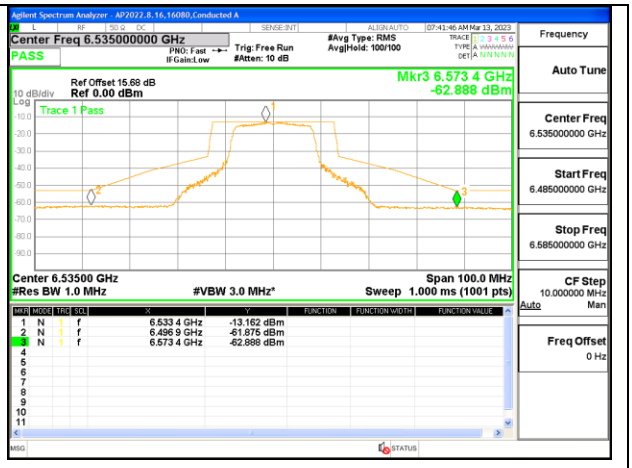
HIGH CHANNEL Antenna 4

9.5.3. 802.11a MODE 2TX IN THE UNII-7 BAND

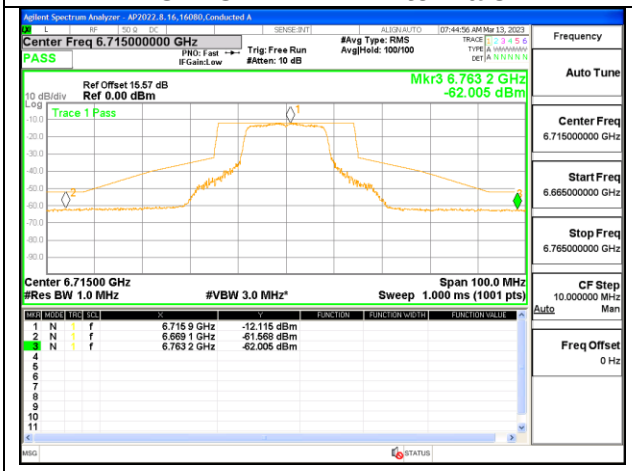
2TX Antenna 3 + Antenna 4 CDD MODE:



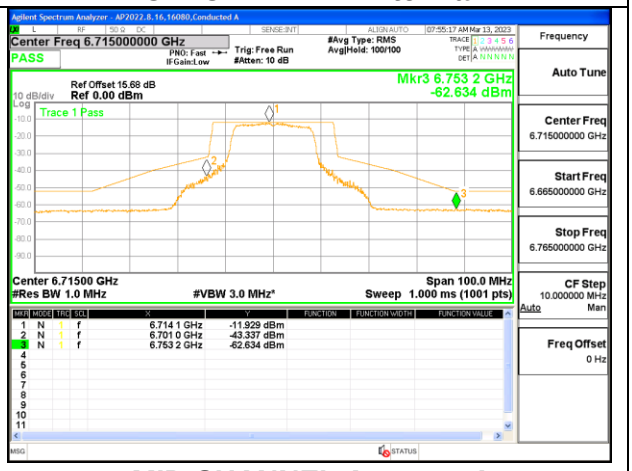
LOW CHANNEL Antenna 3



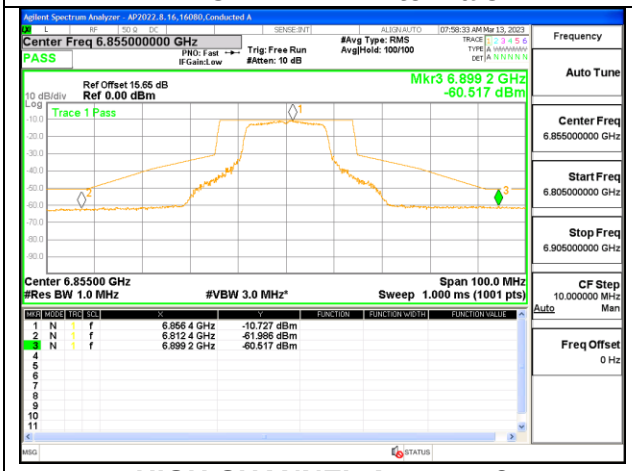
LOW CHANNEL Antenna 4



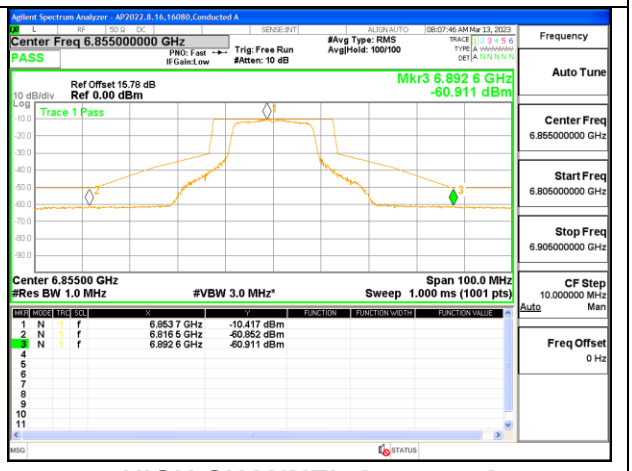
MID CHANNEL Antenna 3



MID CHANNEL Antenna 4

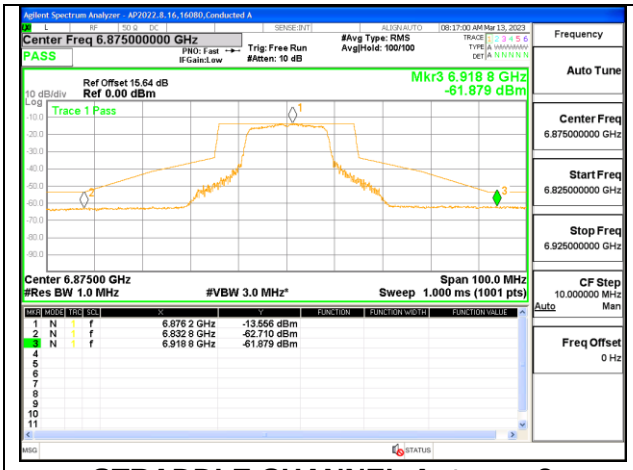


HIGH CHANNEL Antenna 3

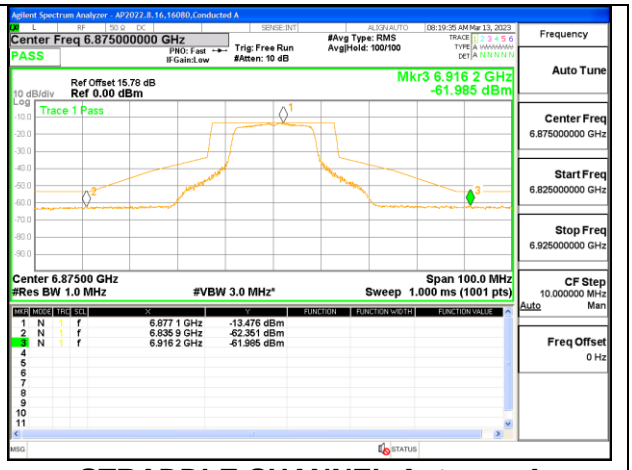


HIGH CHANNEL Antenna 4

STRADDLE CHANNEL



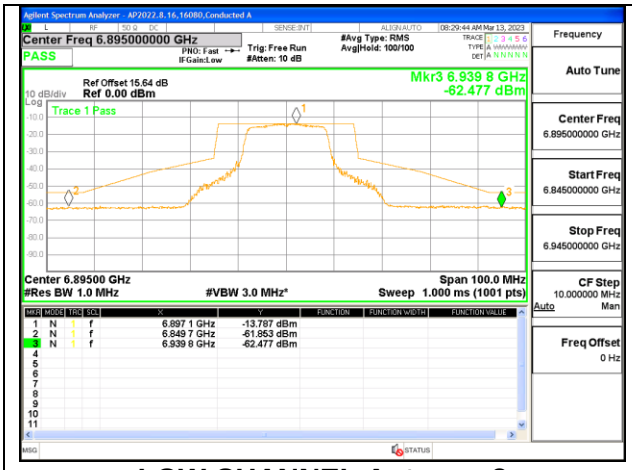
STRADDLE CHANNEL Antenna 3



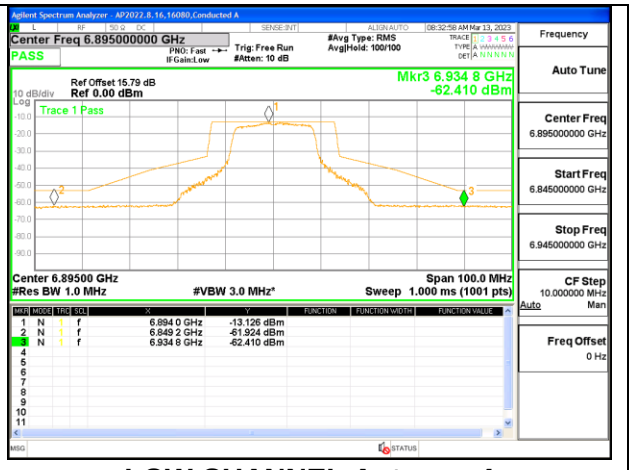
STRADDLE CHANNEL Antenna 4

9.5.4. 802.11a MODE 2TX IN THE UNII-8 BAND

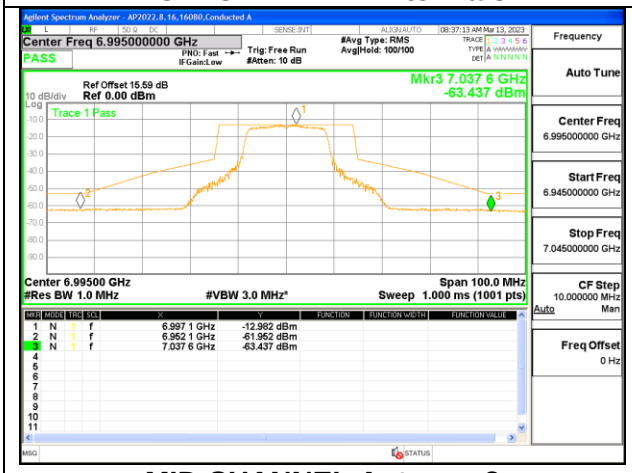
2TX Antenna 3 + Antenna 4 CDD MODE:



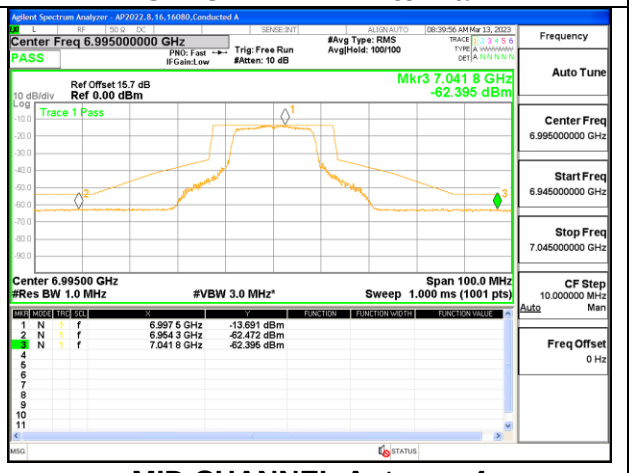
LOW CHANNEL Antenna 3



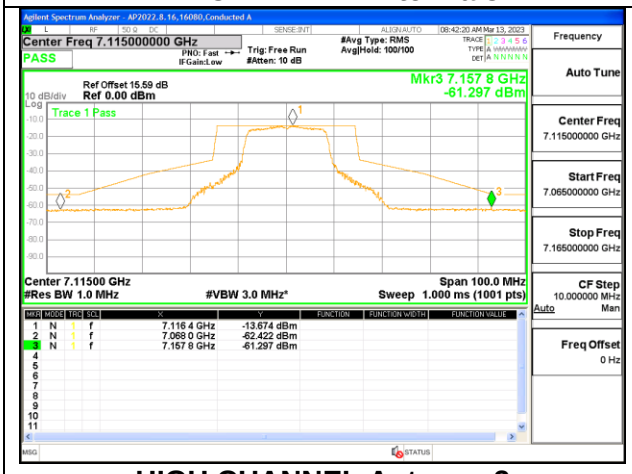
LOW CHANNEL Antenna 4



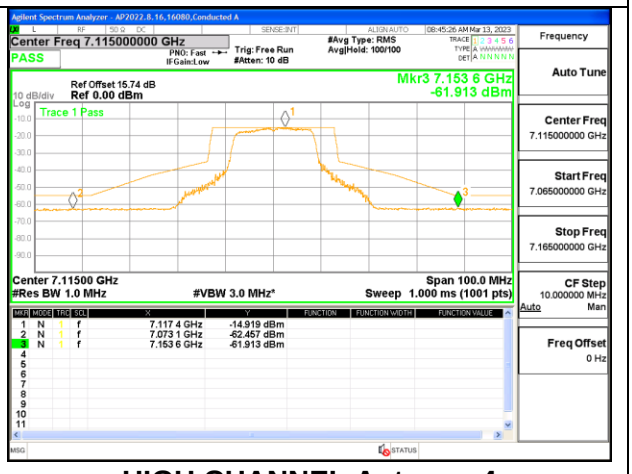
MID CHANNEL Antenna 3



MID CHANNEL Antenna 4



HIGH CHANNEL Antenna 3



HIGH CHANNEL Antenna 4

10. RADIATED TEST RESULTS

LIMITS

FCC §15.35(b)
FCC §15.205 Restriced bands
FCC §15.209 and FCC §15.407(b)(6) -Un-Restriced bands

RSS 248 Issue 2,section 4.7.2a

Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27dBm/MHz rms and -7dBm/MHz Peak.

General field strength limits at frequencies above 30 MHz;

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 30 MHz to 1GHz and 18GHz to 40 GHz is investigated with the transmitter set to transmit at the channel with highest output power as worst-case scenario. 1GHz to 18GHz was set to the lowest, middle, and highest channels in the 6 GHz bands.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

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2D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.

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.

KDB 414788 Open Field Site(OFS) and Chamber Correlation Justification

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

NOTE: The limits in FCC 47 CFR, Part 15, Subpart C, paragraph 15.209(a), are identical to those in RSS-Gen section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table), using the free space impedance of 377 Ohms. For example, the measurement at frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y – 51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-Gen Table 6 limit as it has to 15.209(a) limit.

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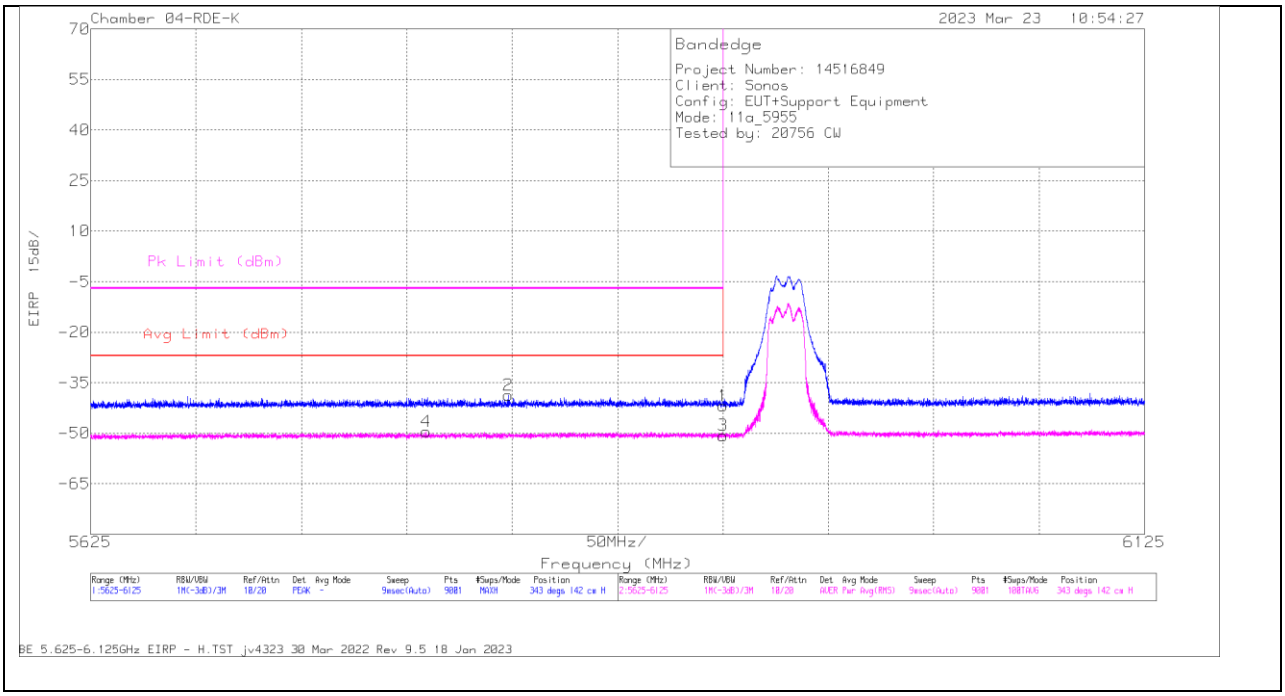
10.1. TRANSMITTER OUTSIDE 5.925-7.125 GHz , 1- 18GHz

10.1.1. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-5 BAND

2TX Antenna 1 + Antenna 4 CDD MODE:

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

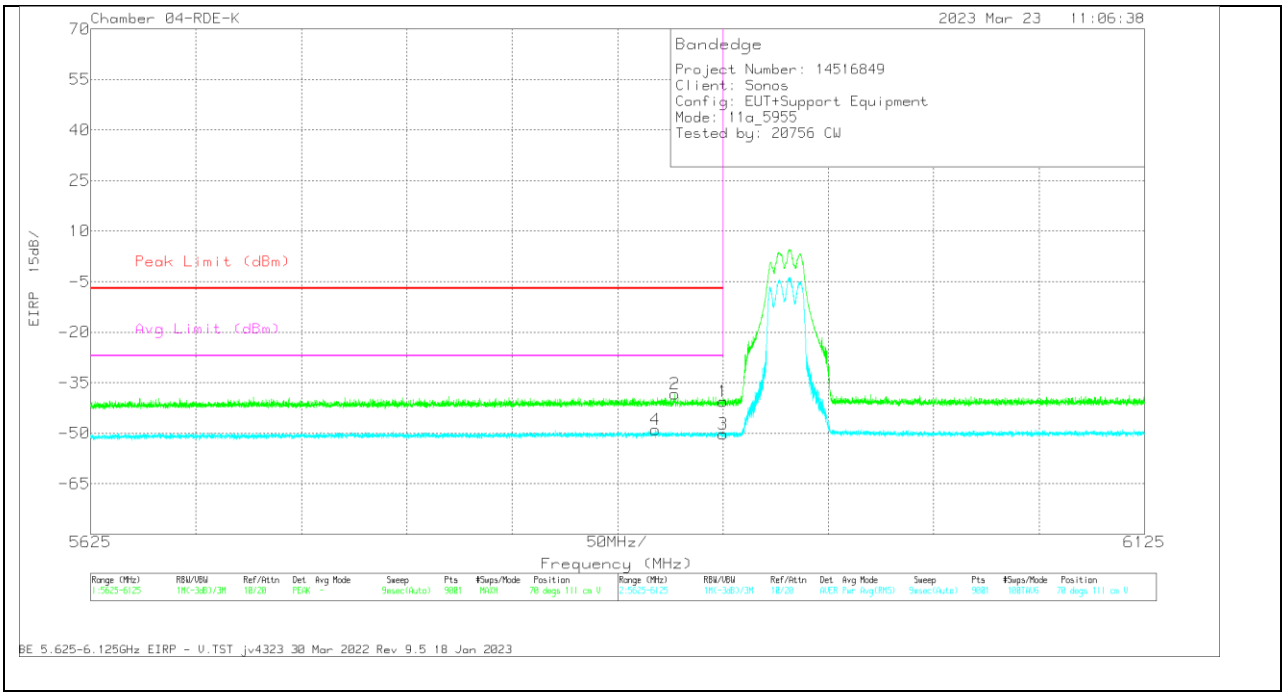


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Avg Limit (dBm)	RMS Margin (dB)	Pk Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-58.76	Pk	34.9	-29.9	11.8	0	-41.96	-	-	-7	-34.96	343	142	H
2	5823.002	-55.31	Pk	34.8	-30	11.8	0	-38.71	-	-	-7	-31.71	343	142	H
3	5925	-69.14	RMS	34.9	-29.9	11.8	1.62	-50.72	-27	-23.72	-	-	343	142	H
4	5784.112	-67.79	RMS	34.8	-30	11.8	1.62	-49.57	-27	-22.57	-	-	343	142	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



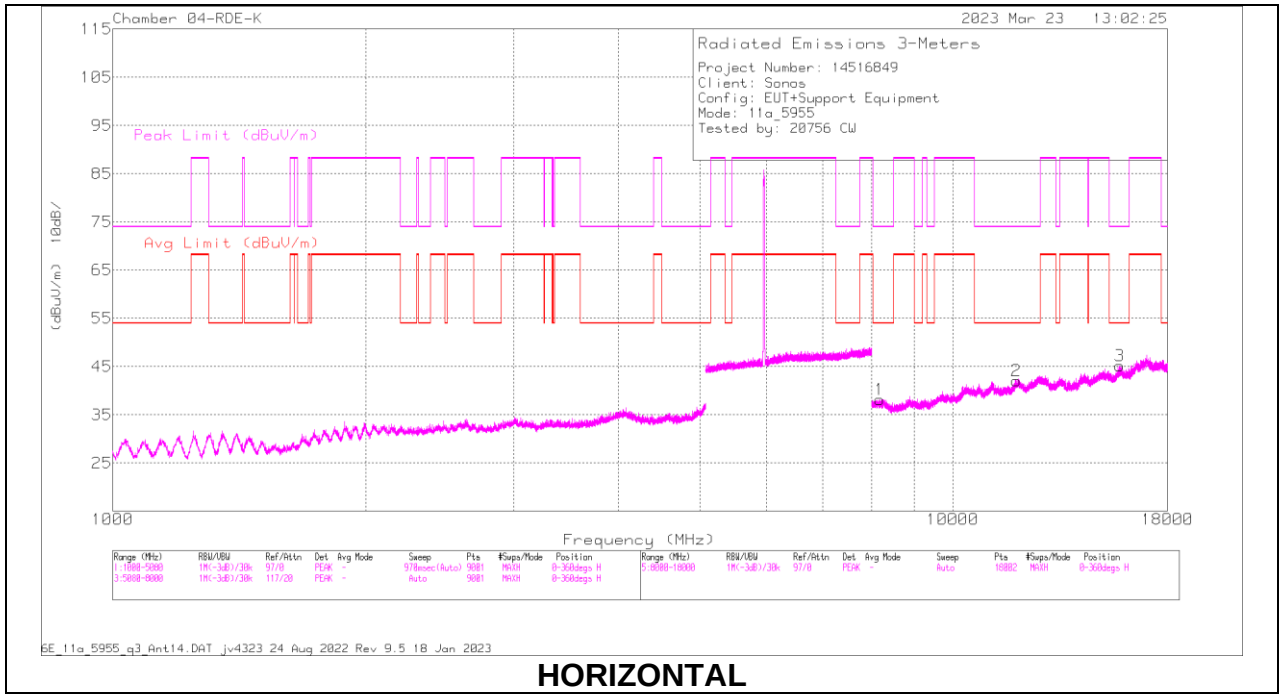
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5925	-57.31	Pk	34.9	-29.9	11.8	0	-40.51	-7	-33.51	-	-	70	111	V
2	5902.28	-55.18	Pk	34.9	-29.9	11.8	0	-38.38	-7	-31.38	-	-	70	111	V
3	5925	-68.65	RMS	34.9	-29.9	11.8	1.62	-50.23	-	-	-27	-23.23	70	111	V
4	5893.002	-67.53	RMS	34.9	-29.8	11.8	1.62	-49.01	-	-	-27	-22.01	70	111	V

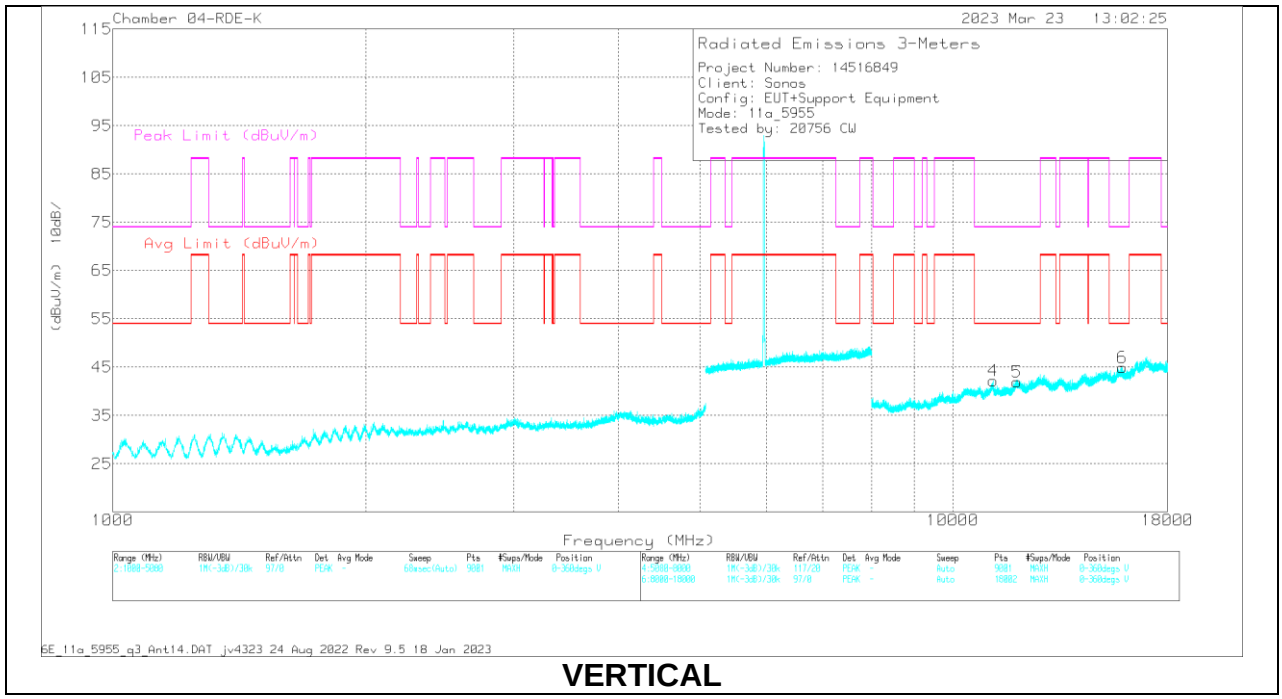
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8180.003	49.23	PK-U	35.9	-37.4	0	47.73	-	-	74	-26.27	235	205	H
	* 8178.719	37.46	ADR	35.9	-37.4	1.62	37.58	54	-16.42	-	-	235	205	H
2	* 11903.085	47.67	PK-U	38.5	-34.8	0	51.37	-	-	74	-22.63	164	254	H
	* 11901.984	35.57	ADR	38.5	-34.8	1.62	40.89	54	-13.11	-	-	164	254	H
3	* 15806.12	46.98	PK-U	40.2	-33.3	0	53.88	-	-	74	-20.12	85	304	H
	* 15806.94	35.05	ADR	40.2	-33.3	1.62	43.57	54	-10.43	-	-	85	304	H
4	* 11164.54	48.65	PK-U	38	-35.3	0	51.35	-	-	74	-22.65	16	145	V
	* 11163.995	36.69	ADR	38	-35.3	1.62	41.01	54	-12.99	-	-	16	145	V
5	* 11914.826	47.09	PK-U	38.5	-34.8	0	50.79	-	-	74	-23.21	40	178	V
	* 11913.63	35.47	ADR	38.5	-34.8	1.62	40.79	54	-13.21	-	-	40	178	V
6	* 15915.786	46.39	PK-U	40.2	-33.1	0	53.49	-	-	74	-20.51	346	209	V
	* 15917.839	34.84	ADR	40.2	-33.1	1.62	43.56	54	-10.44	-	-	346	209	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

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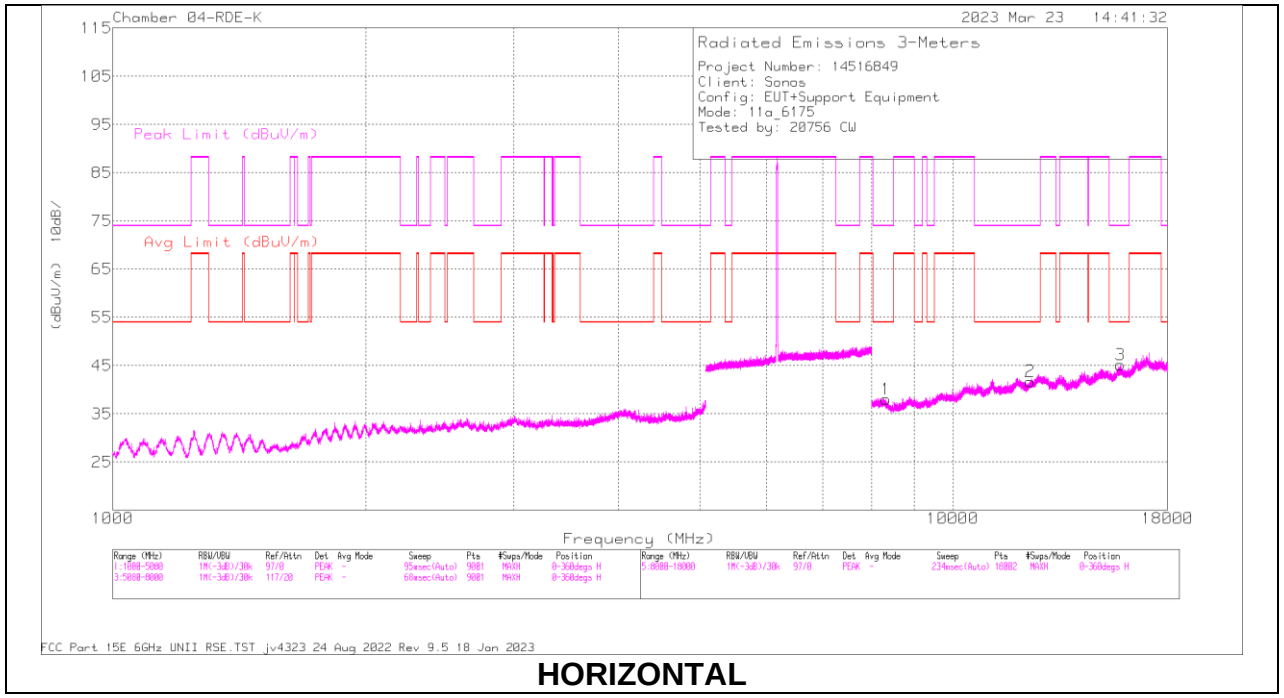
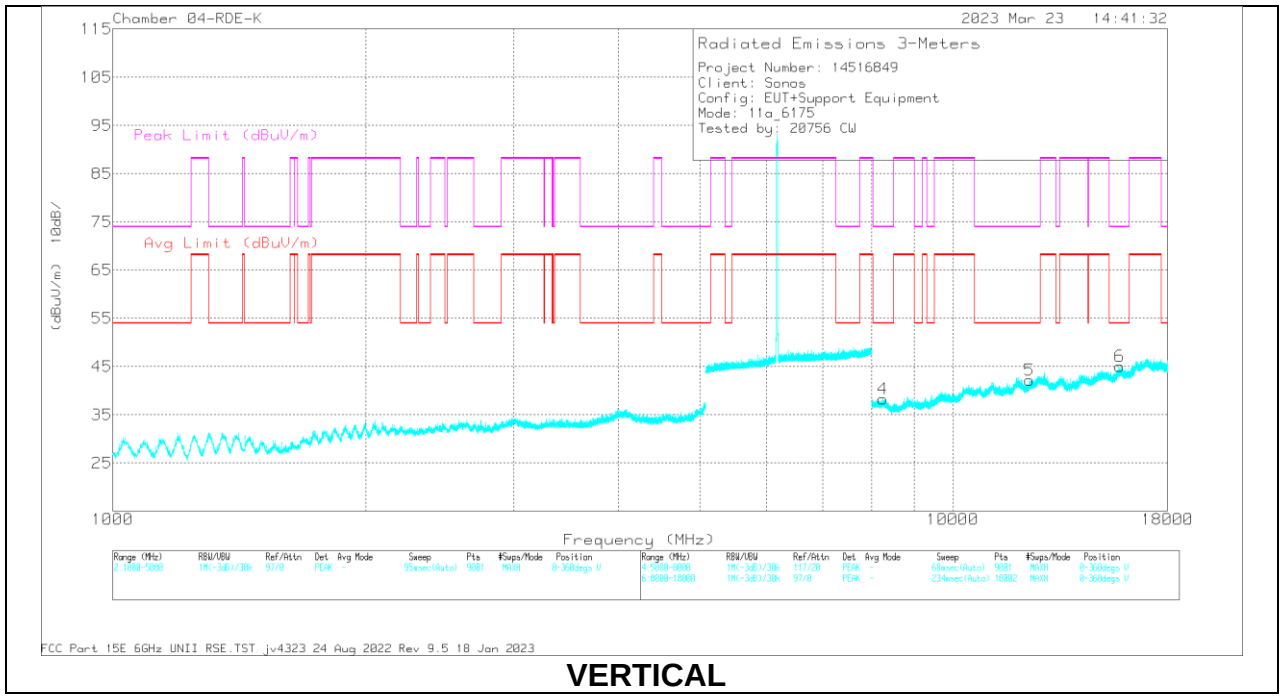
MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8319.038	49.6	PK-U	35.9	-37.3	0	48.2	-	-	74	-25.8	257	367	H
	* 8321.072	37.37	ADR	35.9	-37.2	1.62	37.69	54	-16.31	-	-	257	367	H
2	* 12355.272	46.68	PK-U	39	-34.4	0	51.28	-	-	74	-22.72	249	150	H
	* 12355.535	34.64	ADR	39	-34.4	1.62	40.86	54	-13.14	-	-	249	150	H
3	* 15833.612	47.4	PK-U	40.2	-33.4	0	54.2	-	-	74	-19.8	198	343	H
	* 15833.74	35.69	ADR	40.2	-33.4	1.62	44.11	54	-9.89	-	-	198	343	H
4	* 8246.903	49.35	PK-U	35.9	-37.1	0	48.15	-	-	74	-25.85	329	181	V
	* 8246.771	37.44	ADR	35.9	-37.1	1.62	37.86	54	-16.14	-	-	329	181	V
5	* 12340.128	46.3	PK-U	39	-34.4	0	50.9	-	-	74	-23.1	17	178	V
	* 12339.93	34.52	ADR	39	-34.4	1.62	40.74	54	-13.26	-	-	17	178	V
6	* 15795.136	48.01	PK-U	40.2	-33.4	0	54.81	-	-	74	-19.19	246	183	V
	* 15794.852	35.65	ADR	40.2	-33.4	1.62	44.07	54	-9.93	-	-	246	183	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

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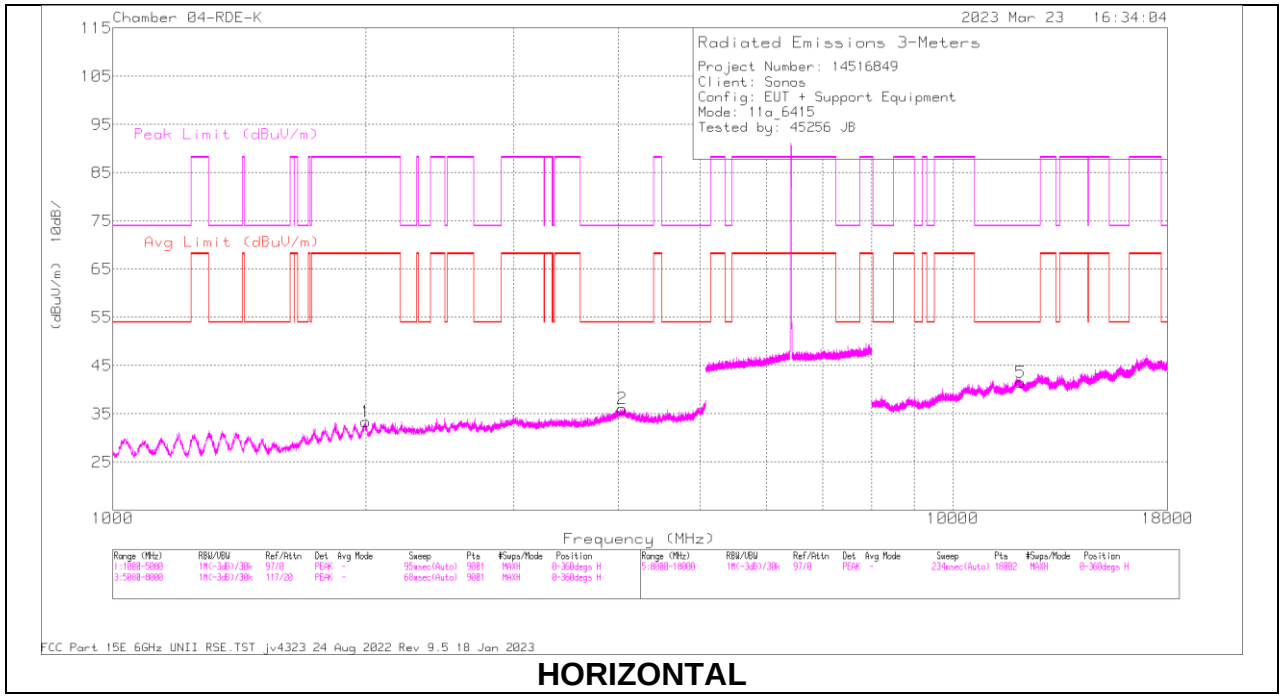
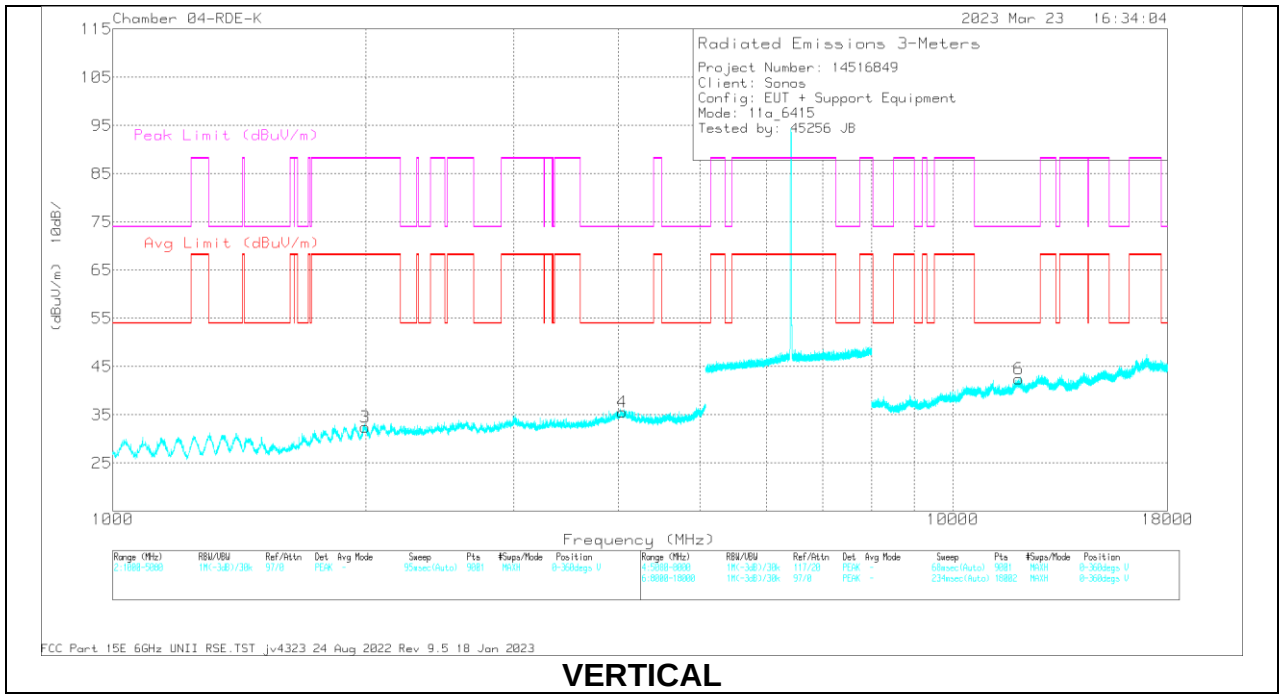
HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2000.616	56.8	PK-U	31.6	-45.5	0	42.9	-	-	88.2	-45.3	355	385	H
	1998.941	45.17	ADR	31.6	-45.4	1.62	32.99	68.2	-35.21	-	-	355	385	H
2	* 4035.337	52.01	PK-U	35.2	-41.7	0	45.51	-	-	74	-28.49	4	158	H
	* 4035.643	40.21	ADR	35.2	-41.6	1.62	35.43	54	-18.57	-	-	4	158	H
3	1999.064	57.11	PK-U	31.6	-45.4	0	43.31	-	-	88.2	-44.89	343	352	V
	1998.574	45.14	ADR	31.6	-45.5	1.62	32.86	68.2	-35.34	-	-	343	352	V
4	* 4040.733	52.23	PK-U	35.2	-41.6	0	45.83	-	-	74	-28.17	119	155	V
	* 4038.505	40.24	ADR	35.2	-41.6	1.62	35.46	54	-18.54	-	-	119	155	V
5	* 12048.703	46.55	PK-U	38.7	-34.1	0	51.15	-	-	74	-22.85	24	182	H
	* 12049.993	34.65	ADR	38.7	-34.1	1.62	40.87	54	-13.13	-	-	24	182	H
6	* 11983.583	47.46	PK-U	38.6	-34.3	0	51.76	-	-	74	-22.24	271	380	V
	* 11983.684	35.32	ADR	38.6	-34.3	1.62	41.24	54	-12.76	-	-	271	380	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

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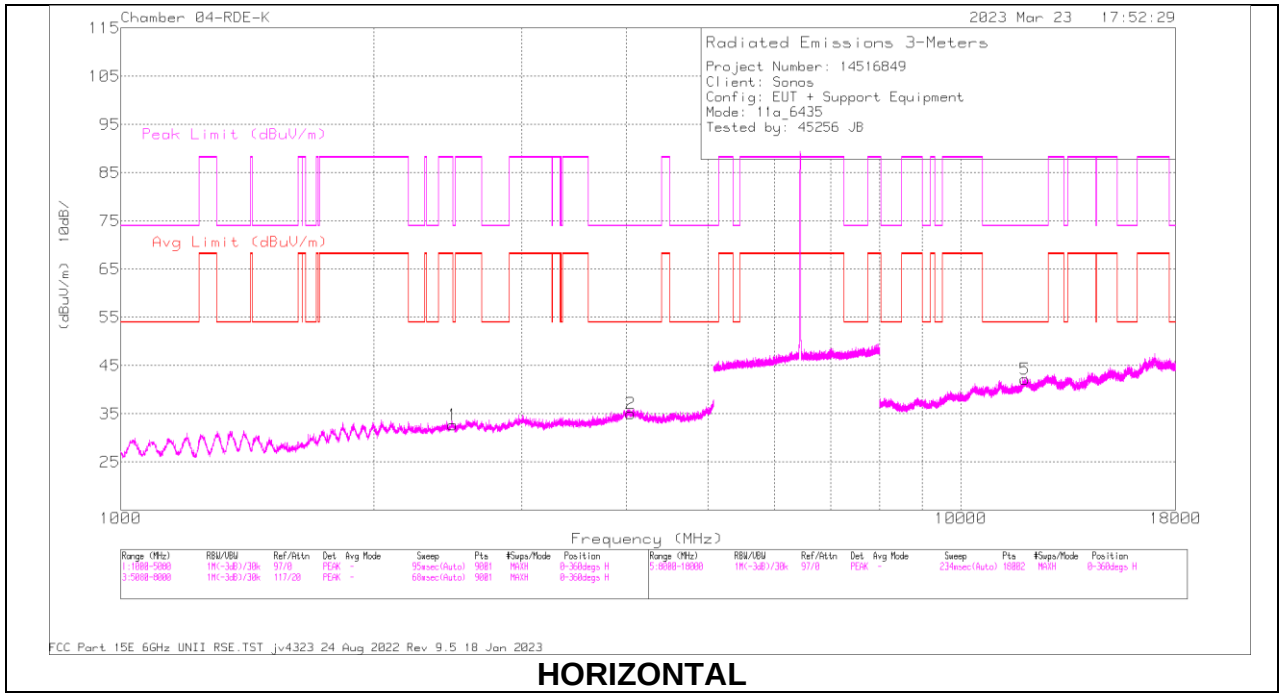
10.1.2. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-6 BAND

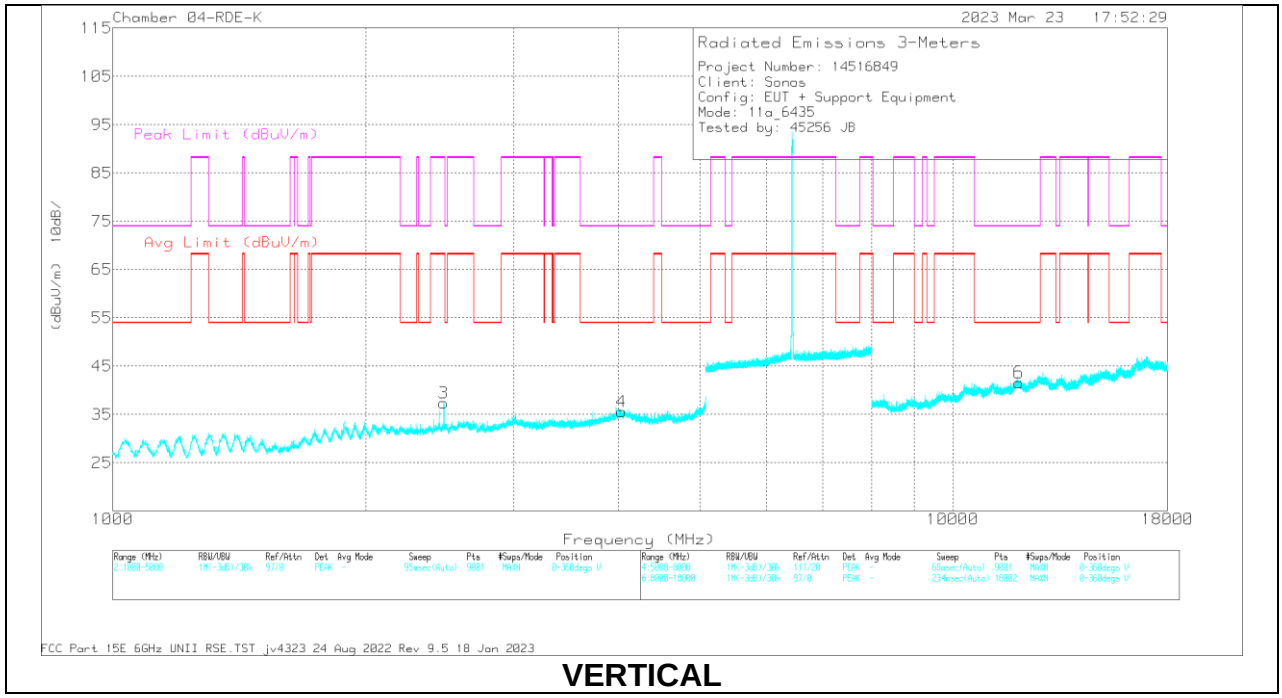
2TX Antenna 3 + Antenna 4 CDD MODE:

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2493.547	54.89	PK-U	32.2	-44.2	0	42.89	-	-	74	-31.11	358	157	H
	* 2484.414	43.51	ADR	32.2	-44.2	1.62	33.13	54	-20.87	-	-	358	157	H
2	* 4048.805	52	PK-U	35.2	-41.6	0	45.6	-	-	74	-28.4	336	129	H
	* 4047.431	40.15	ADR	35.2	-41.6	1.62	35.37	54	-18.63	-	-	336	129	H
3	2477.941	55.99	PK-U	32.2	-44.2	0	43.99	-	-	88.2	-44.21	6	191	V
	2480.532	43.48	ADR	32.2	-44.2	1.62	33.1	68.2	-35.1	-	-	6	191	V
4	* 4036.23	52.62	PK-U	35.2	-41.6	0	46.22	-	-	74	-27.78	304	107	V
	* 4036.746	40.28	ADR	35.2	-41.6	1.62	35.5	54	-18.5	-	-	304	107	V
5	* 11919.794	47.12	PK-U	38.5	-34.7	0	50.92	-	-	74	-23.08	14	229	H
	* 11920.331	35.59	ADR	38.5	-34.8	1.62	40.91	54	-13.09	-	-	14	229	H
6	* 11975.726	47.48	PK-U	38.6	-34.4	0	51.68	-	-	74	-22.32	201	232	V
	* 11973.804	35.42	ADR	38.6	-34.3	1.62	41.34	54	-12.66	-	-	201	232	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

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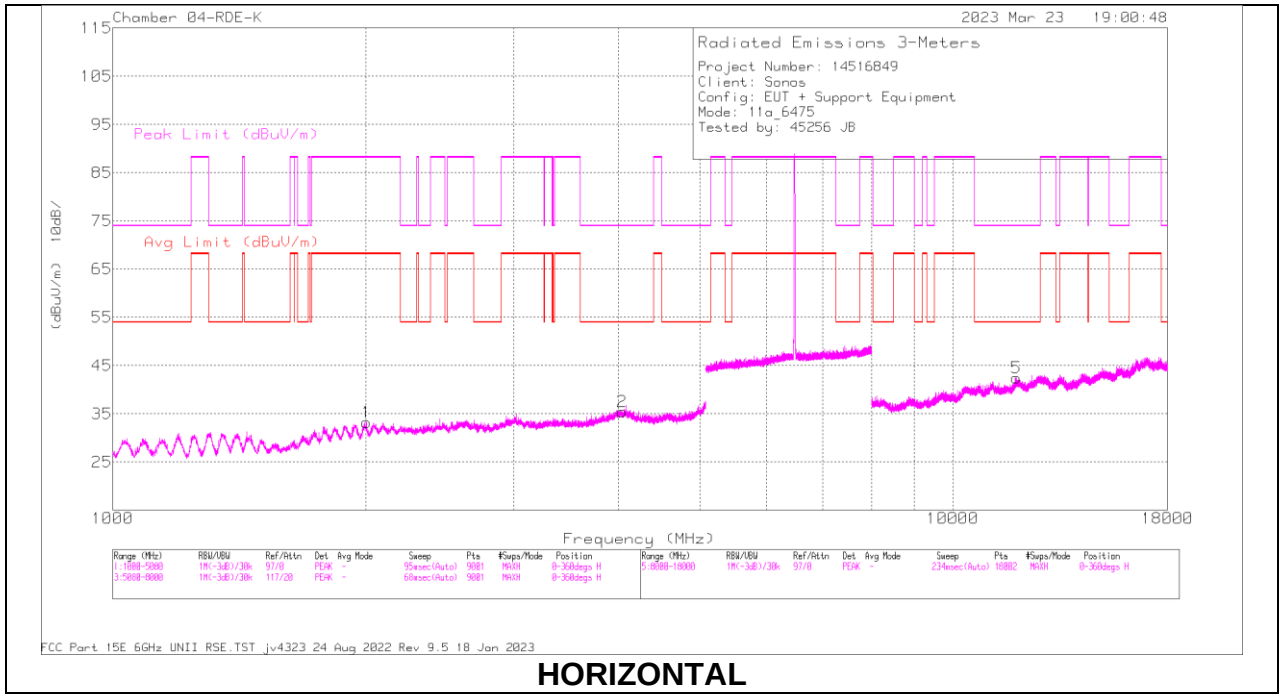
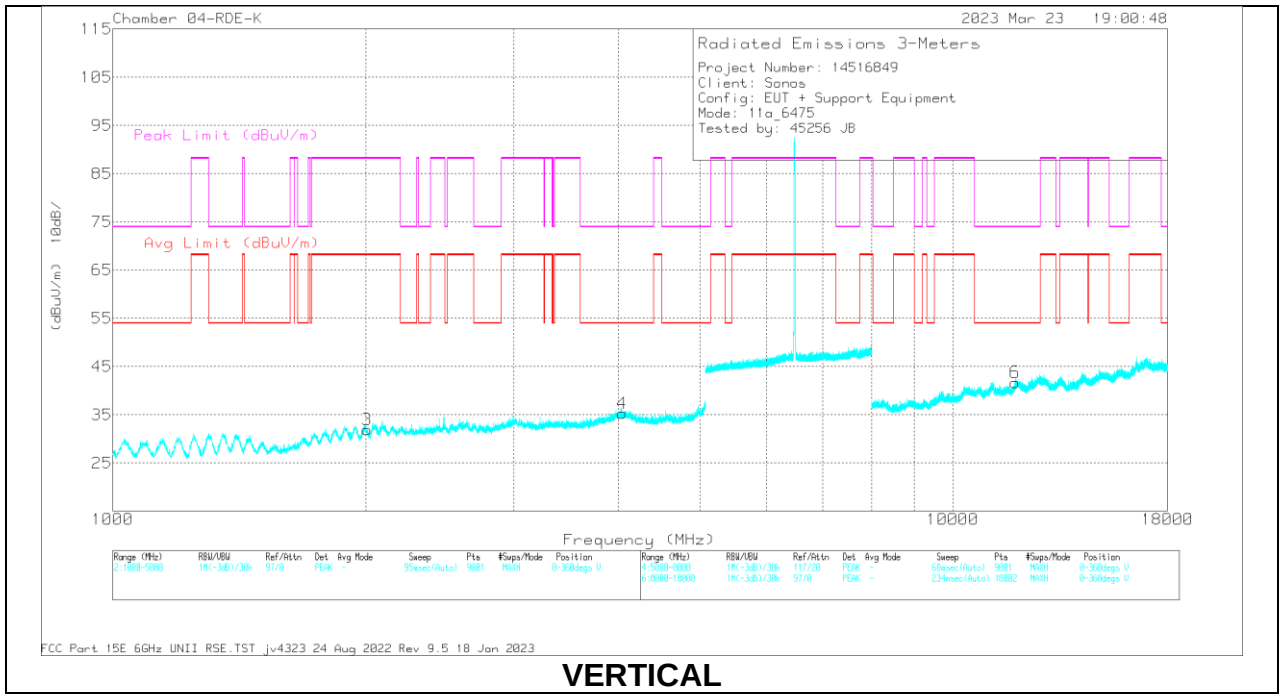
MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2004.737	56.84	PK-U	31.7	-45.7	0	42.84	-	-	88.2	-45.36	203	147	H
	2002.044	44.84	ADR	31.7	-45.7	1.62	32.46	68.2	-35.74	-	-	203	147	H
2	* 4035.005	52.36	PK-U	35.2	-41.7	0	45.86	-	-	74	-28.14	181	249	H
	* 4036.306	40.27	ADR	35.2	-41.6	1.62	35.49	54	-18.51	-	-	181	249	H
3	2004.999	56.34	PK-U	31.7	-45.7	0	42.34	-	-	88.2	-45.86	344	351	V
	2005.455	44.55	ADR	31.7	-45.6	1.62	32.27	68.2	-35.93	-	-	344	351	V
4	* 4037.8	52.44	PK-U	35.2	-41.6	0	46.04	-	-	74	-27.96	329	242	V
	* 4037.67	40.34	ADR	35.2	-41.6	1.62	35.56	54	-18.44	-	-	329	242	V
5	* 11899.791	47.22	PK-U	38.5	-34.8	0	50.92	-	-	74	-23.08	72	277	H
	* 11902.588	35.5	ADR	38.5	-34.8	1.62	40.82	54	-13.18	-	-	72	277	H
6	* 11865.328	47.08	PK-U	38.4	-35	0	50.48	-	-	74	-23.52	194	260	V
	* 11866.247	35.76	ADR	38.4	-35	1.62	40.78	54	-13.22	-	-	194	260	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

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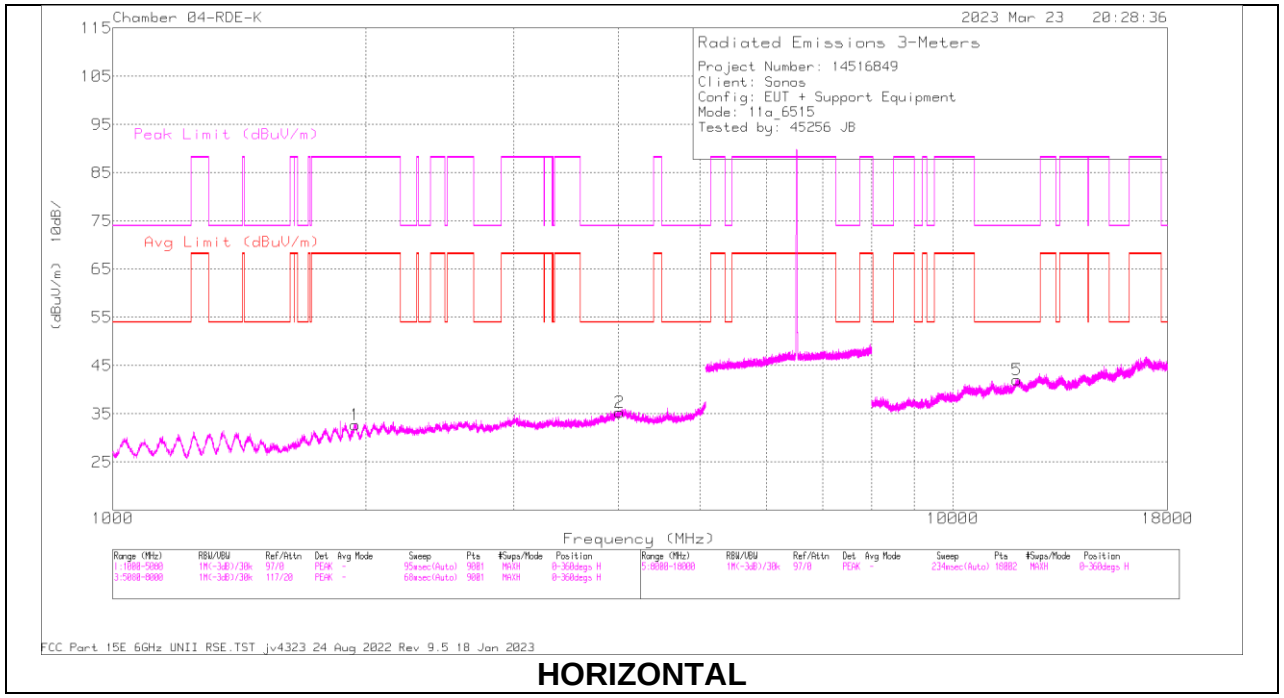
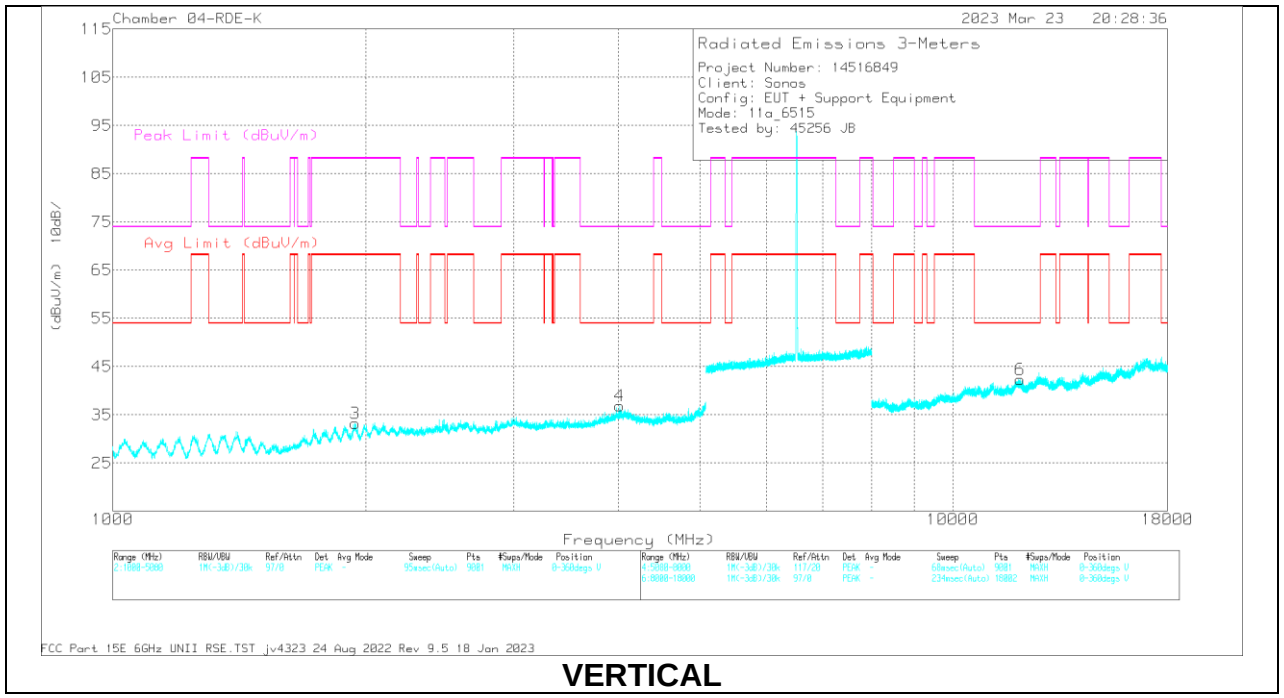
HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1940.679	56.92	PK-U	31.4	-45.2	0	43.12	-	-	88.2	-45.08	276	179	H
	1939.855	45.31	ADR	31.3	-45.2	1.62	33.03	68.2	-35.17	-	-	276	179	H
2	* 4011.661	52.32	PK-U	35.2	-41.6	0	45.92	-	-	74	-28.08	243	272	H
	* 4010.482	40.33	ADR	35.2	-41.7	1.62	35.45	54	-18.55	-	-	243	272	H
3	1941.928	57.09	PK-U	31.4	-45.2	0	43.29	-	-	88.2	-44.91	174	183	V
	1943.413	45.06	ADR	31.4	-45.4	1.62	32.68	68.2	-35.52	-	-	174	183	V
4	* 4017.014	52.06	PK-U	35.2	-41.6	0	45.66	-	-	74	-28.34	343	362	V
	* 4014.211	40.51	ADR	35.2	-41.6	1.62	35.73	54	-18.27	-	-	343	362	V
5	* 11921.222	47.18	PK-U	38.5	-34.8	0	50.88	-	-	74	-23.12	3	124	H
	* 11919.155	35.6	ADR	38.5	-34.8	1.62	40.92	54	-13.08	-	-	3	124	H
6	* 12018.294	46.94	PK-U	38.7	-34	0	51.64	-	-	74	-22.36	252	384	V
	* 12016.022	35.18	ADR	38.7	-33.9	1.62	41.6	54	-12.4	-	-	252	384	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

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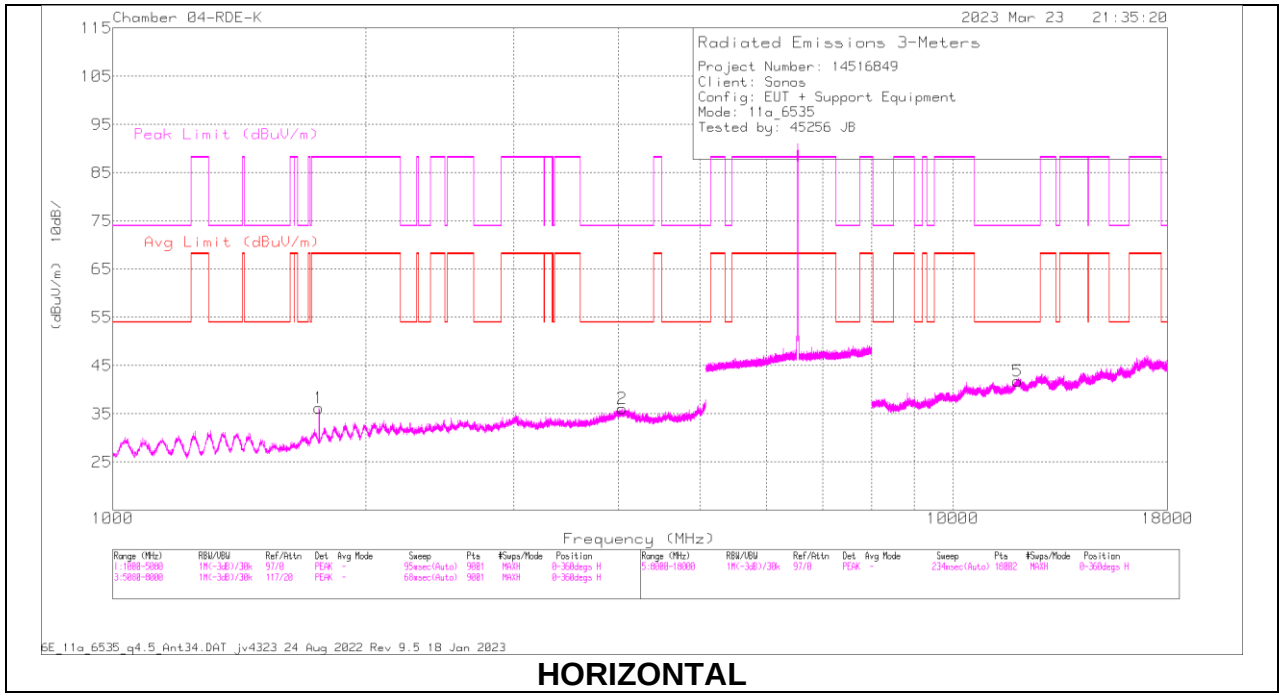
10.1.3. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-7 BAND

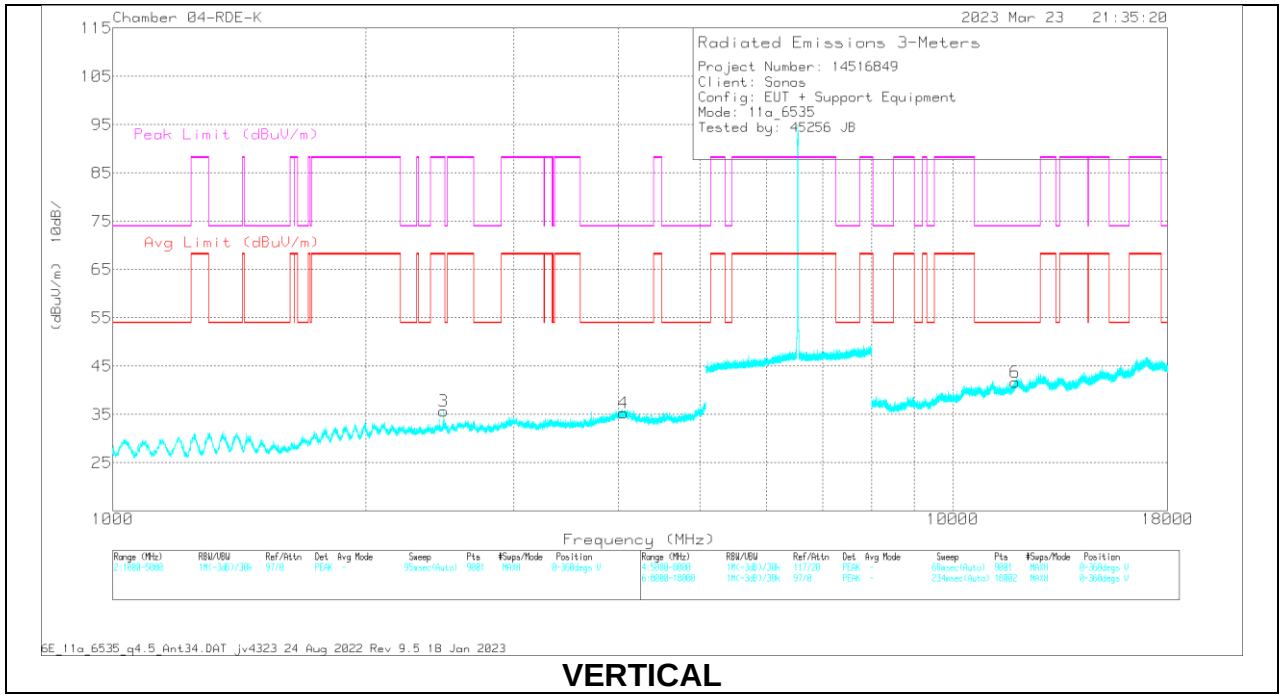
2TX Antenna 3 + Antenna 4 CDD MODE:

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1760.043	56.93	PK-U	29.8	-46.1	0	40.63	-	-	88.2	-47.57	54	197	H
	1760.235	46.05	ADR	29.8	-46.1	1.62	31.37	68.2	-36.83	-	-	54	197	H
2	* 4038.25	52.31	PK-U	35.2	-41.6	0	45.91	-	-	74	-28.09	33	133	H
	* 4037.258	40.19	ADR	35.2	-41.6	1.62	35.41	54	-18.59	-	-	33	133	H
3	2480.611	55.58	PK-U	32.2	-44.2	0	43.58	-	-	88.2	-44.62	327	268	V
	2479.385	43.52	ADR	32.2	-44.1	1.62	33.24	68.2	-34.96	-	-	327	268	V
4	* 4050.768	52.09	PK-U	35.2	-41.6	0	45.69	-	-	74	-28.31	94	317	V
	* 4052.421	40.11	ADR	35.2	-41.6	1.62	35.33	54	-18.67	-	-	94	317	V
5	* 11941.759	47.38	PK-U	38.5	-34.5	0	51.38	-	-	74	-22.62	346	110	H
	* 11942.778	35.38	ADR	38.5	-34.6	1.62	40.9	54	-13.1	-	-	346	110	H
6	* 11865.594	47.3	PK-U	38.4	-35	0	50.7	-	-	74	-23.3	218	167	V
	* 11865.596	35.64	ADR	38.4	-35	1.62	40.66	54	-13.34	-	-	218	167	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

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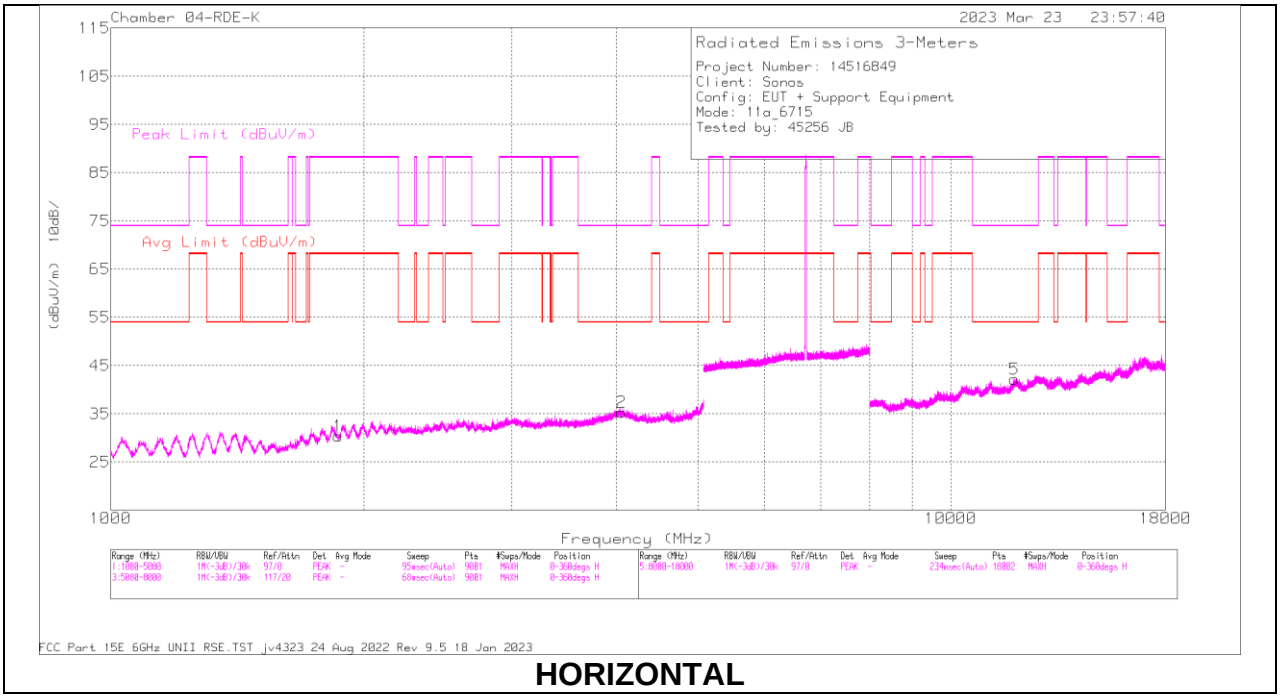
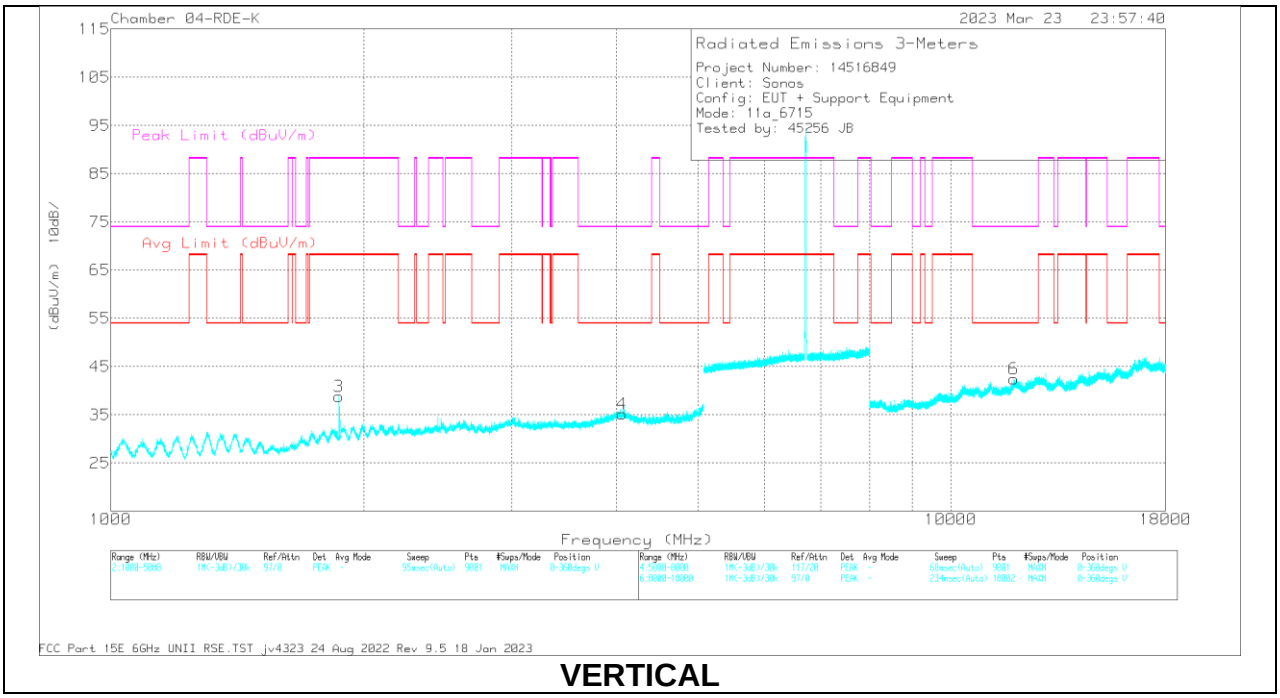
MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1866.075	55.43	PK-U	30.8	-45.5	0	40.73	-	-	88.2	-47.47	8	369	H
	1865.593	43.74	ADR	30.8	-45.5	1.62	30.66	68.2	-37.54	-	-	8	369	H
2	* 4055.123	51.97	PK-U	35.2	-41.6	0	45.57	-	-	74	-28.43	50	289	H
	* 4055.461	40.23	ADR	35.2	-41.6	1.62	35.45	54	-18.55	-	-	50	289	H
3	1867.331	57.98	PK-U	30.8	-45.6	0	43.18	-	-	88.2	-45.02	360	190	V
	1866.073	43.71	ADR	30.8	-45.5	1.62	30.63	68.2	-37.57	-	-	360	190	V
4	* 4059.904	52.52	PK-U	35.2	-41.6	0	46.12	-	-	74	-27.88	11	288	V
	* 4062.025	40.3	ADR	35.2	-41.6	1.62	35.52	54	-18.48	-	-	11	288	V
5	* 11889.902	47.78	PK-U	38.5	-34.9	0	51.38	-	-	74	-22.62	24	128	H
	* 11887.601	35.68	ADR	38.5	-34.9	1.62	40.9	54	-13.1	-	-	24	128	H
6	* 11877.552	47.49	PK-U	38.4	-35	0	50.89	-	-	74	-23.11	276	207	V
	* 11877.428	35.79	ADR	38.4	-35	1.62	40.81	54	-13.19	-	-	276	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

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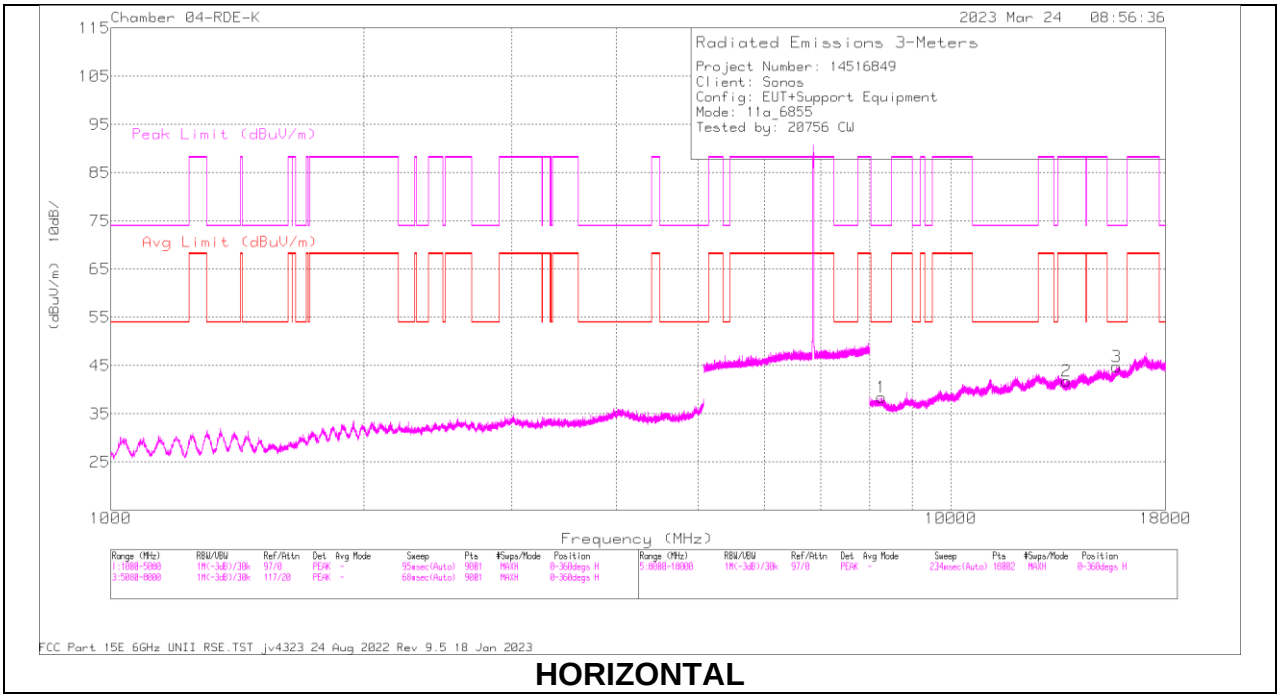
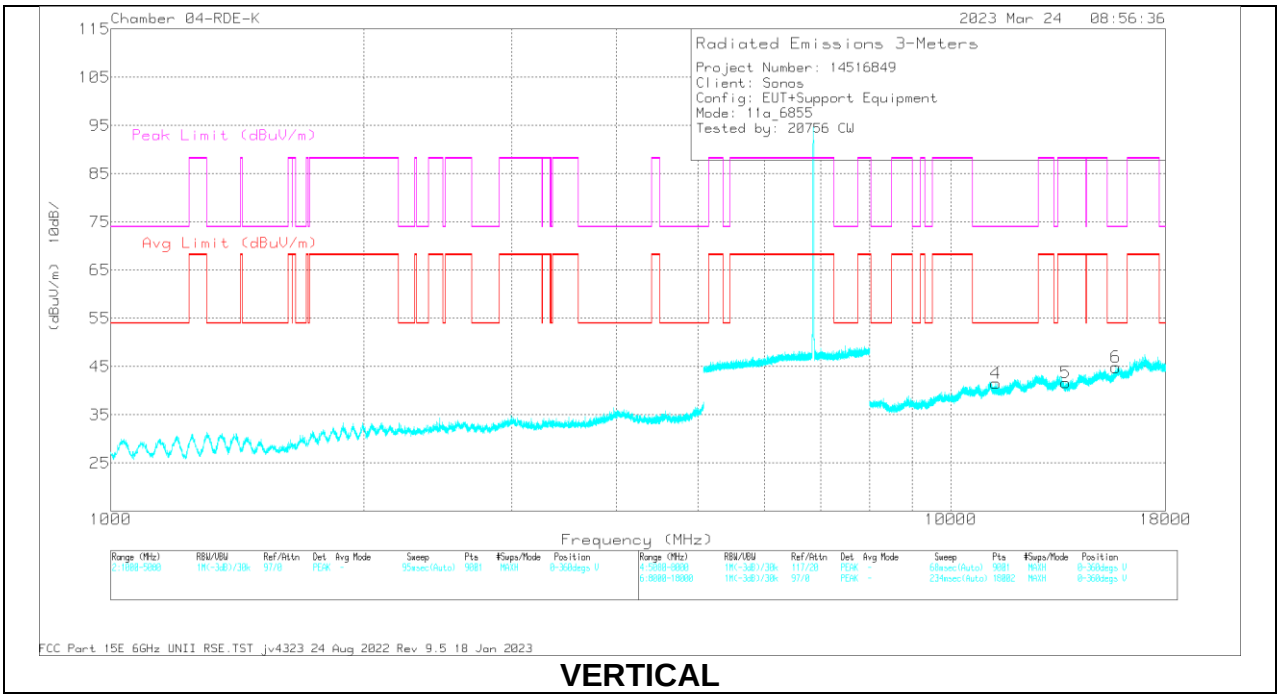
HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8267.586	49.26	PK-U	35.9	-36.8	0	48.36	-	-	74	-25.64	260	179	H
	* 8265.289	37.4	ADR	35.9	-36.8	1.62	38.12	54	-15.88	-	-	260	179	H
2	13720.883	47.02	PK-U	38.8	-34	0	51.82	-	-	88.2	-36.38	173	236	H
	13720.572	35.11	ADR	38.8	-34	1.62	41.53	68.2	-26.67	-	-	173	236	H
3	* 15751.973	47.43	PK-U	40.1	-33.3	0	54.23	-	-	74	-19.77	165	193	H
	* 15751.888	35.52	ADR	40.1	-33.3	1.62	43.94	54	-10.06	-	-	165	193	H
4	* 11309.127	48.78	PK-U	37.8	-36.2	0	50.38	-	-	74	-23.62	138	240	V
	* 11309.62	36.87	ADR	37.8	-36.1	1.62	40.19	54	-13.81	-	-	138	240	V
5	13706.436	46.34	PK-U	38.8	-34.3	0	50.84	-	-	88.2	-37.36	170	193	V
	13705.924	34.95	ADR	38.8	-34.3	1.62	41.07	68.2	-27.13	-	-	170	193	V
6	* 15715.6	47.69	PK-U	40.1	-33.4	0	54.39	-	-	74	-19.61	135	245	V
	* 15715.519	35.53	ADR	40.1	-33.4	1.62	43.85	54	-10.15	-	-	135	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

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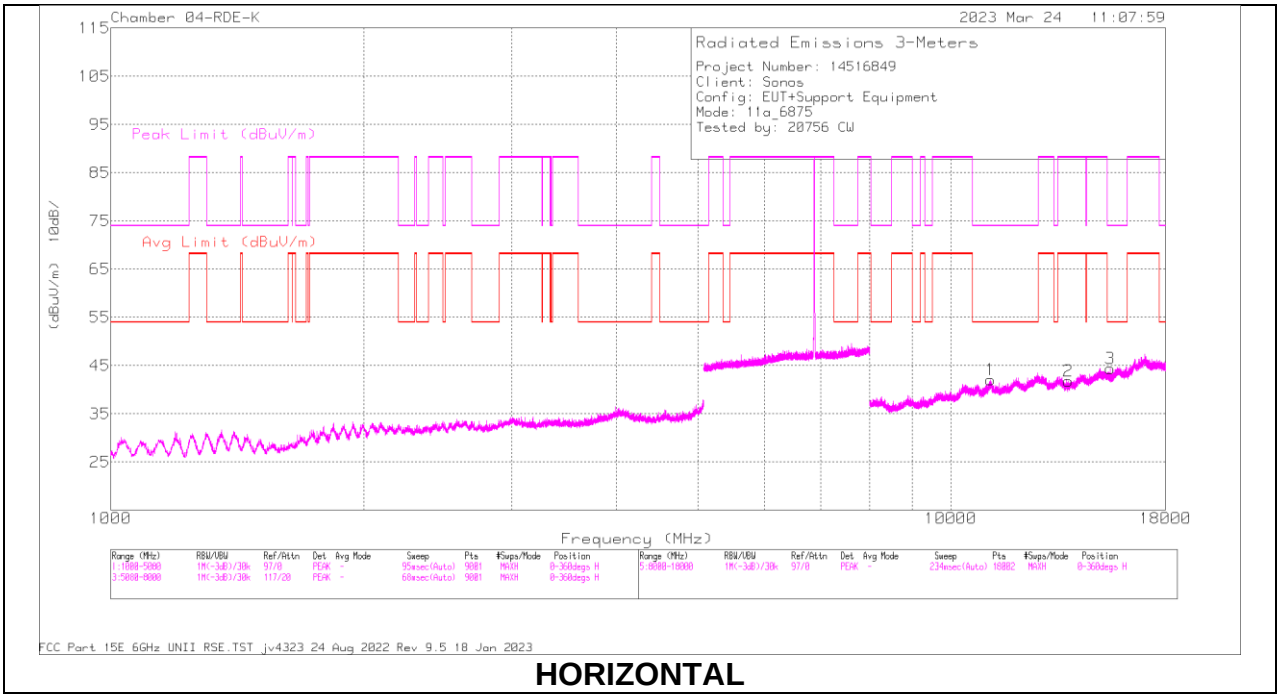
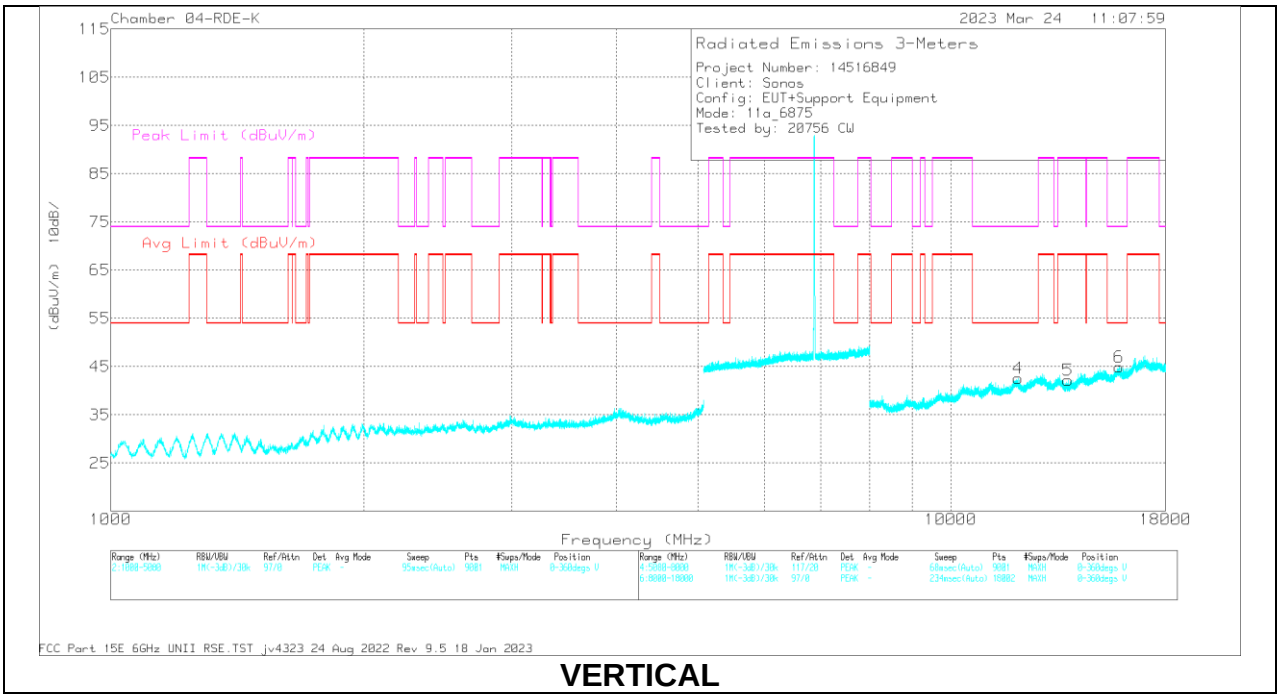
STRADDLE CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11142.694	48.57	PK-U	38	-35.8	0	50.77	-	-	74	-23.23	146	279	H
	* 11143.331	36.88	ADR	38	-35.8	1.62	40.7	54	-13.3	-	-	146	279	H
2	13802.066	46.63	PK-U	38.8	-34.4	0	51.03	-	-	88.2	-37.17	300	244	H
	13800.55	34.77	ADR	38.8	-34.3	1.62	40.89	68.2	-27.31	-	-	300	244	H
3	* 15467.524	45.69	PK-U	40	-33.5	0	52.19	-	-	74	-21.81	114	310	H
	* 15464.254	34.23	ADR	40	-33.4	1.62	42.45	54	-11.55	-	-	114	310	H
4	* 12016.204	46.82	PK-U	38.7	-33.9	0	51.62	-	-	74	-22.38	156	375	V
	* 12015.493	35.17	ADR	38.7	-33.9	1.62	41.59	54	-12.41	-	-	156	375	V
5	13781.328	46.5	PK-U	38.8	-34.2	0	51.1	-	-	88.2	-37.1	161	204	V
	13779.733	34.85	ADR	38.8	-34.3	1.62	40.97	68.2	-27.23	-	-	161	204	V
6	* 15847.775	47.04	PK-U	40.2	-33.3	0	53.94	-	-	74	-20.06	106	170	V
	* 15850.214	35.26	ADR	40.2	-33.3	1.62	43.78	54	-10.22	-	-	106	170	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

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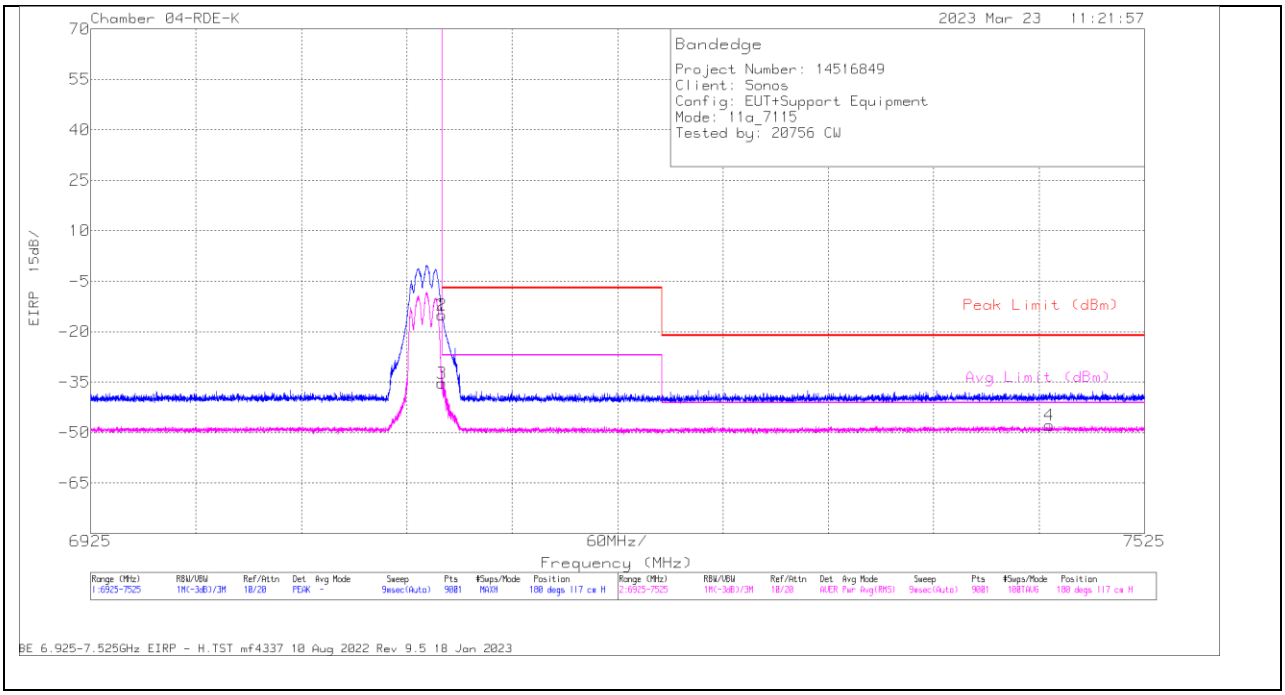
10.1.4. TX ABOVE 1 GHz 802.11a MODE IN THE UNII-8 BAND

2TX Antenna 3 + Antenna 4 CDD MODE:

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

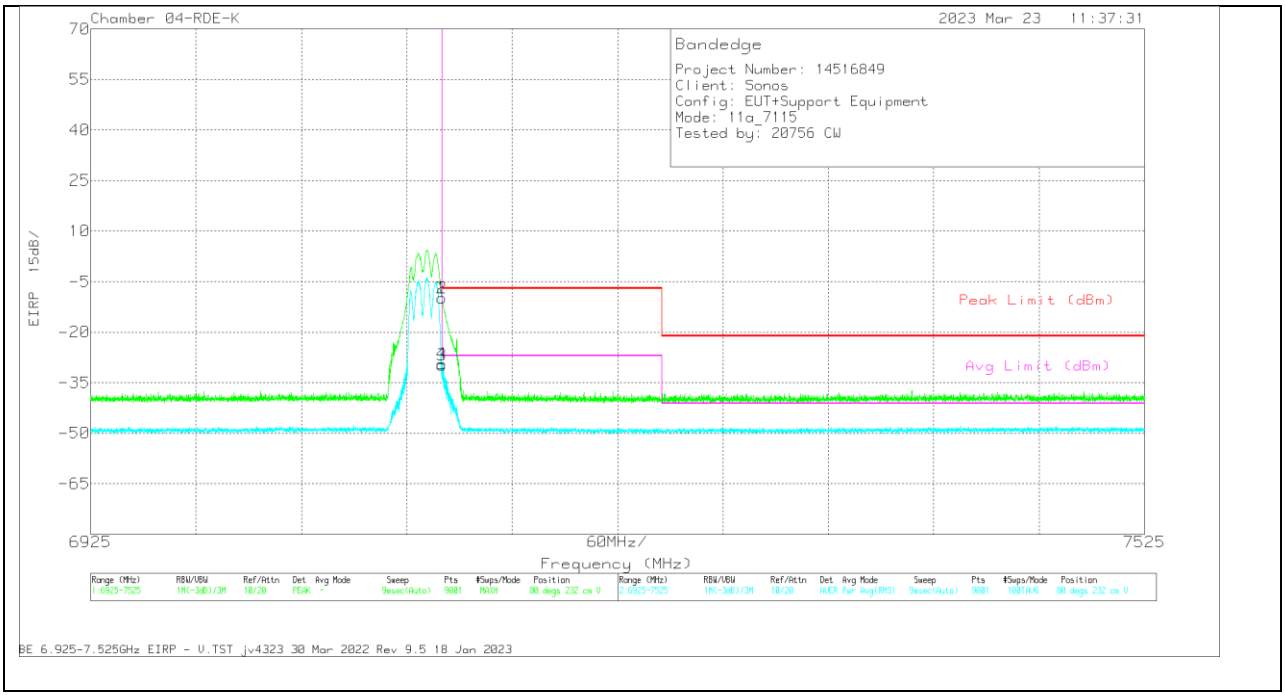


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-33.86	Pk	35.7	-28.7	11.8	0	-15.06	-7	-8.06	-	-	180	117	H
2	7125.068	-33.92	Pk	35.7	-28.6	11.8	0	-15.02	-7	-8.02	-	-	180	117	H
3	7125	-55.8	RMS	35.7	-28.7	11.8	1.62	-35.38	-	-	-27	-8.38	180	117	H
4	* 7470.669	-69.03	RMS	35.7	-28	11.8	1.62	-47.91	-	-	-41.2	-6.71	180	117	H

Pk - Peak detector
RMS - RMS detection

VERTICAL RESULT



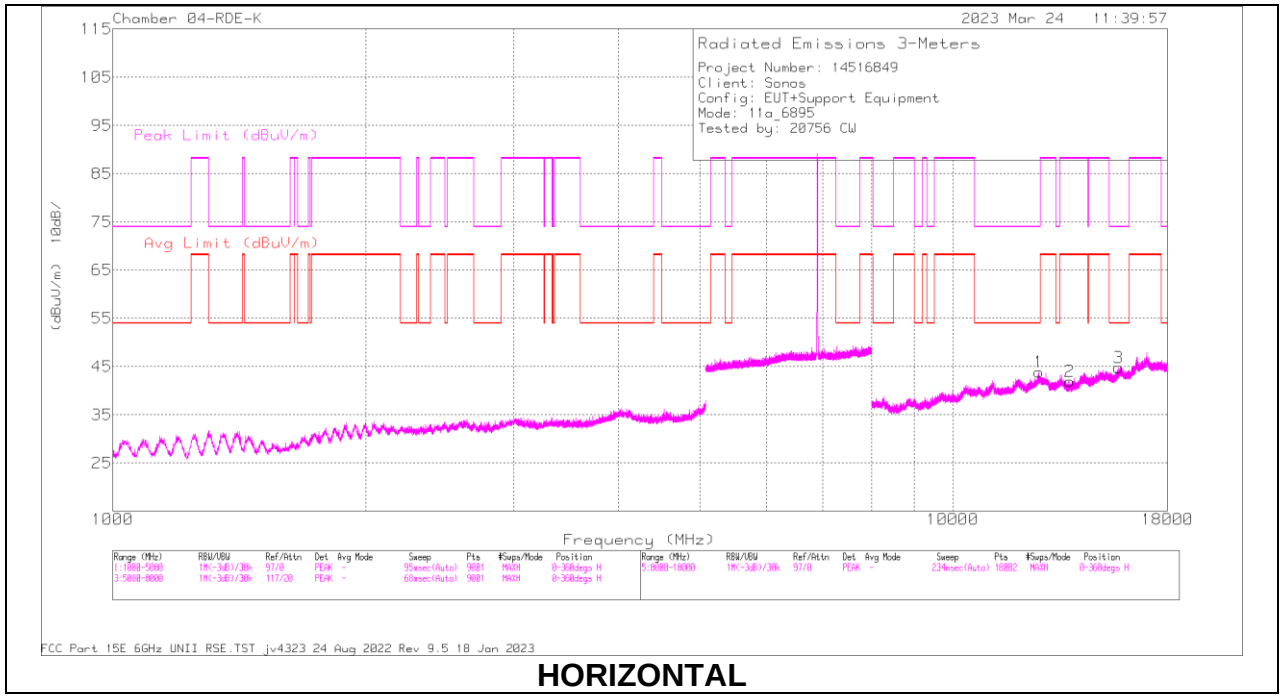
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-28.71	Pk	35.7	-28.7	11.8	0	-9.91	-7	-2.91	-	-	80	232	V
2	7125.001	-28.81	Pk	35.7	-28.6	11.8	0	-9.91	-7	-2.91	-	-	80	232	V
3	7125	-50.27	RMS	35.7	-28.7	11.8	1.62	-29.85	-	-	-27	-2.85	80	232	V
4	7125.068	-49.85	RMS	35.7	-28.6	11.8	1.62	-29.33	-	-	-27	-2.33	80	232	V

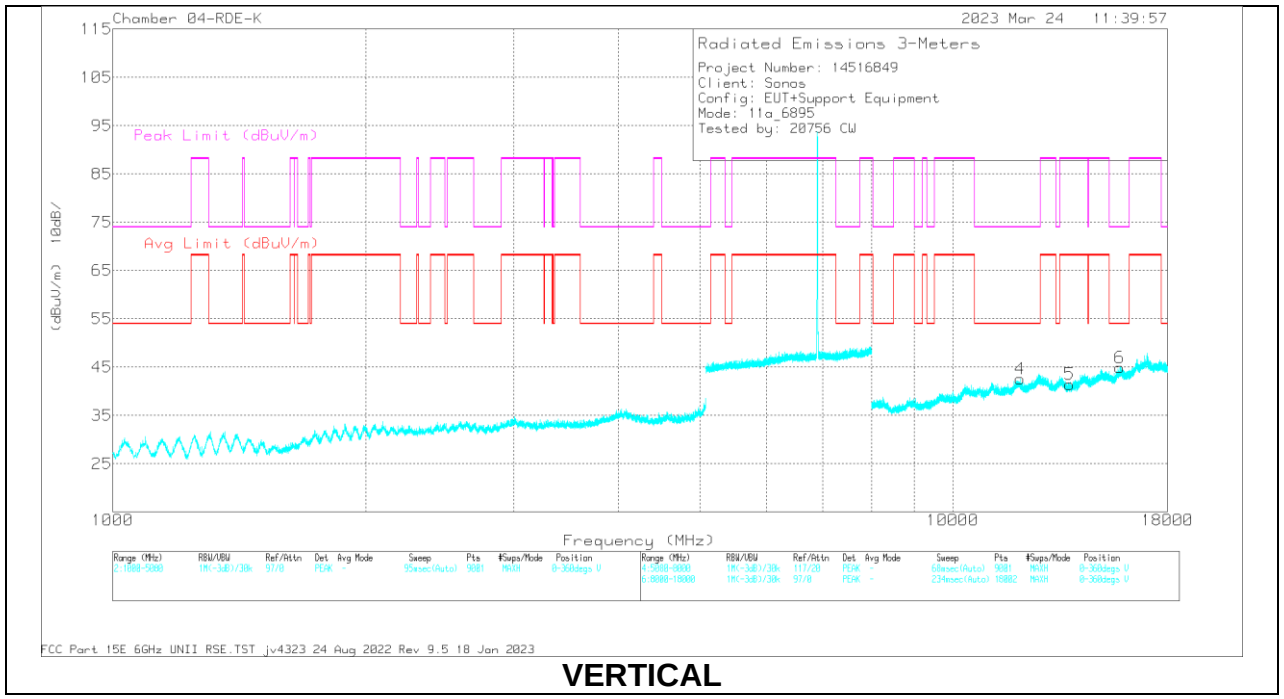
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



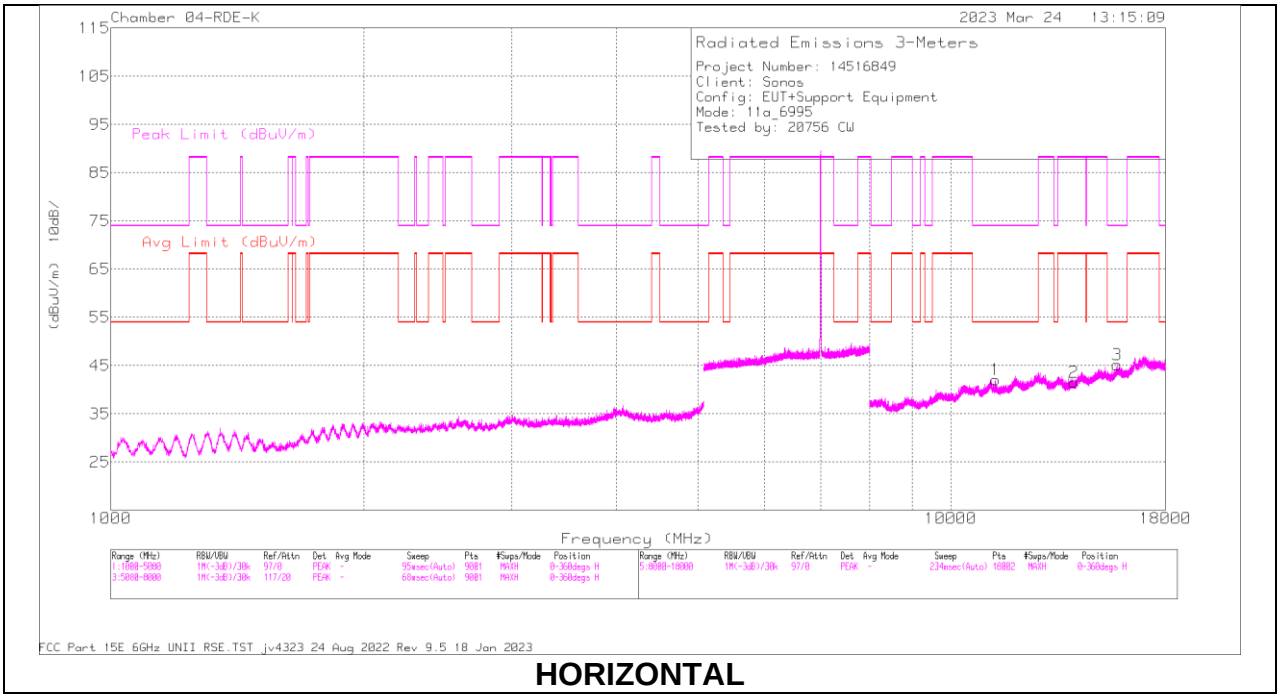
VERTICAL

RADIATED EMISSIONS

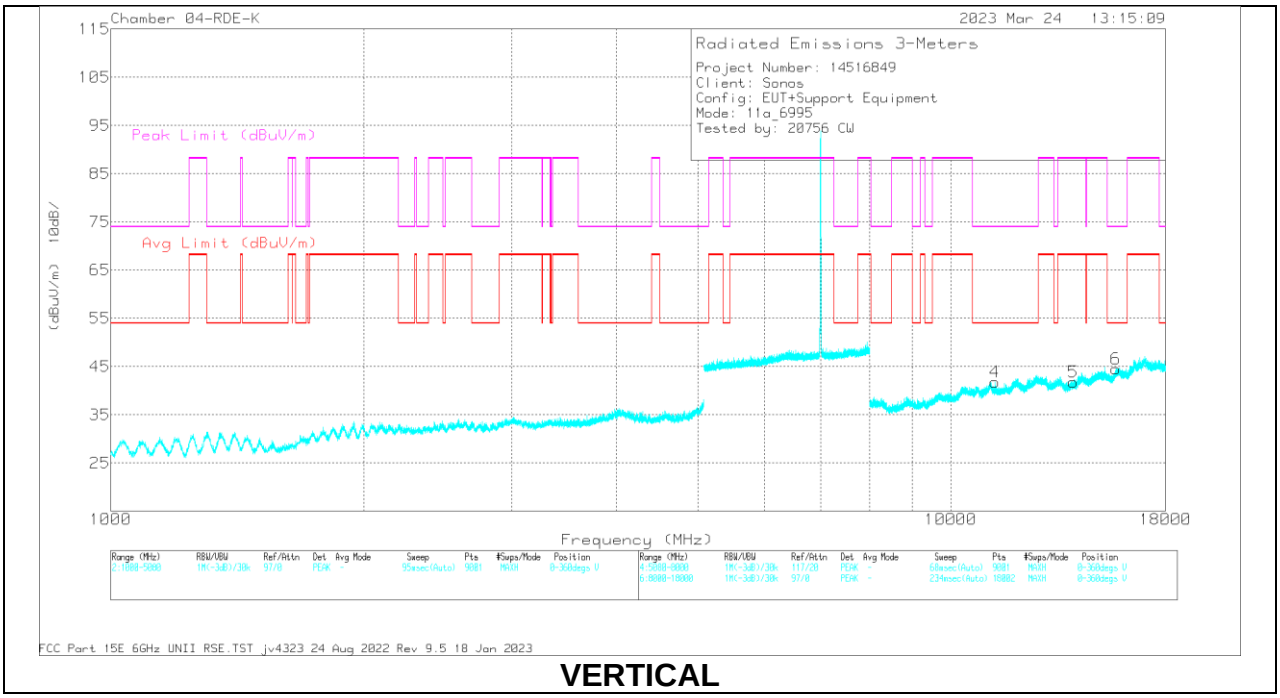
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 12648.834	47.88	PK-U	39.4	-34.1	0	53.18	-	-	74	-20.82	49	290	H
	* 12651.683	35.05	ADR	39.4	-34.1	1.62	41.97	54	-12.03	-	-	49	290	H
2	13775.97	46.93	PK-U	38.8	-34.3	0	51.43	-	-	88.2	-36.77	124	313	H
	13775.853	35.23	ADR	38.8	-34.3	1.62	41.35	68.2	-26.85	-	-	124	313	H
3	* 15743.765	47.17	PK-U	40.1	-33.4	0	53.87	-	-	74	-20.13	83	286	H
	* 15744.041	35.42	ADR	40.1	-33.4	1.62	43.74	54	-10.26	-	-	83	286	H
4	* 12023.521	47.28	PK-U	38.7	-34	0	51.98	-	-	74	-22.02	352	339	V
	* 12024.616	34.9	ADR	38.7	-34	1.62	41.22	54	-12.78	-	-	352	339	V
5	13767.026	47.01	PK-U	38.8	-34.4	0	51.41	-	-	88.2	-36.79	256	292	V
	13769.142	34.9	ADR	38.8	-34.4	1.62	40.92	68.2	-27.28	-	-	256	292	V
6	* 15787.894	48	PK-U	40.2	-33.4	0	54.8	-	-	74	-19.2	130	303	V
	* 15788.028	35.74	ADR	40.2	-33.4	1.62	44.16	54	-9.84	-	-	130	303	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



HORIZONTAL



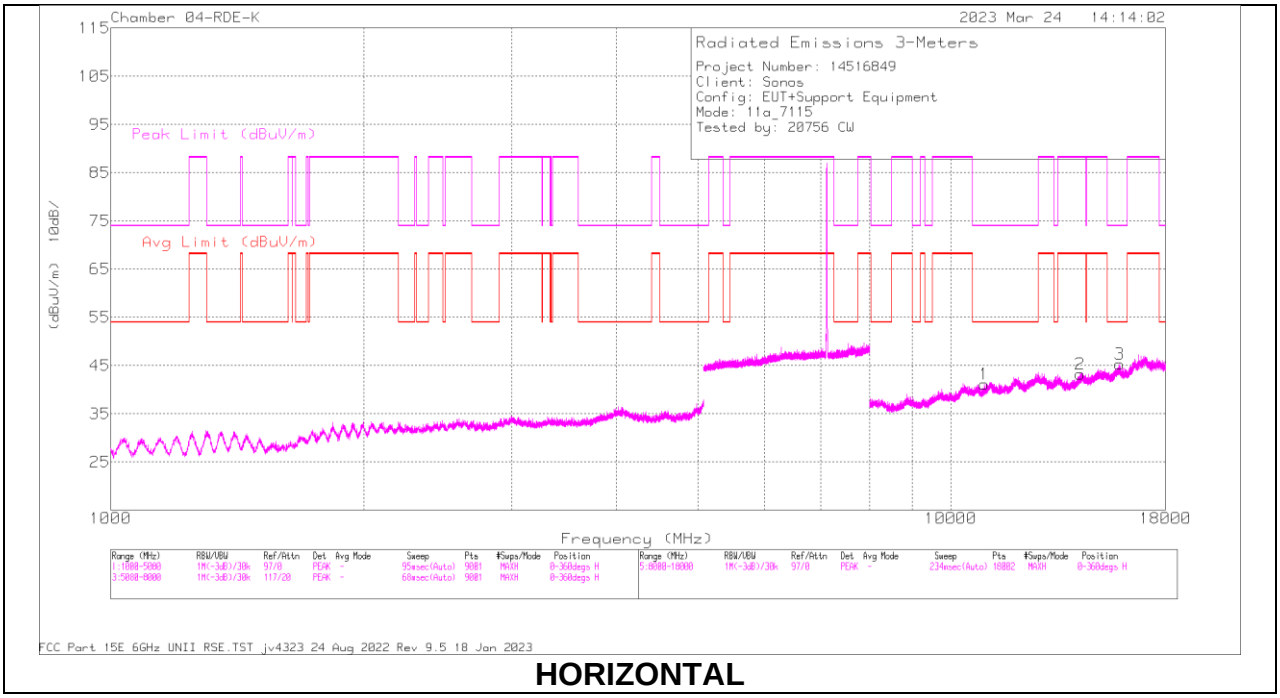
VERTICAL

RADIATED EMISSIONS

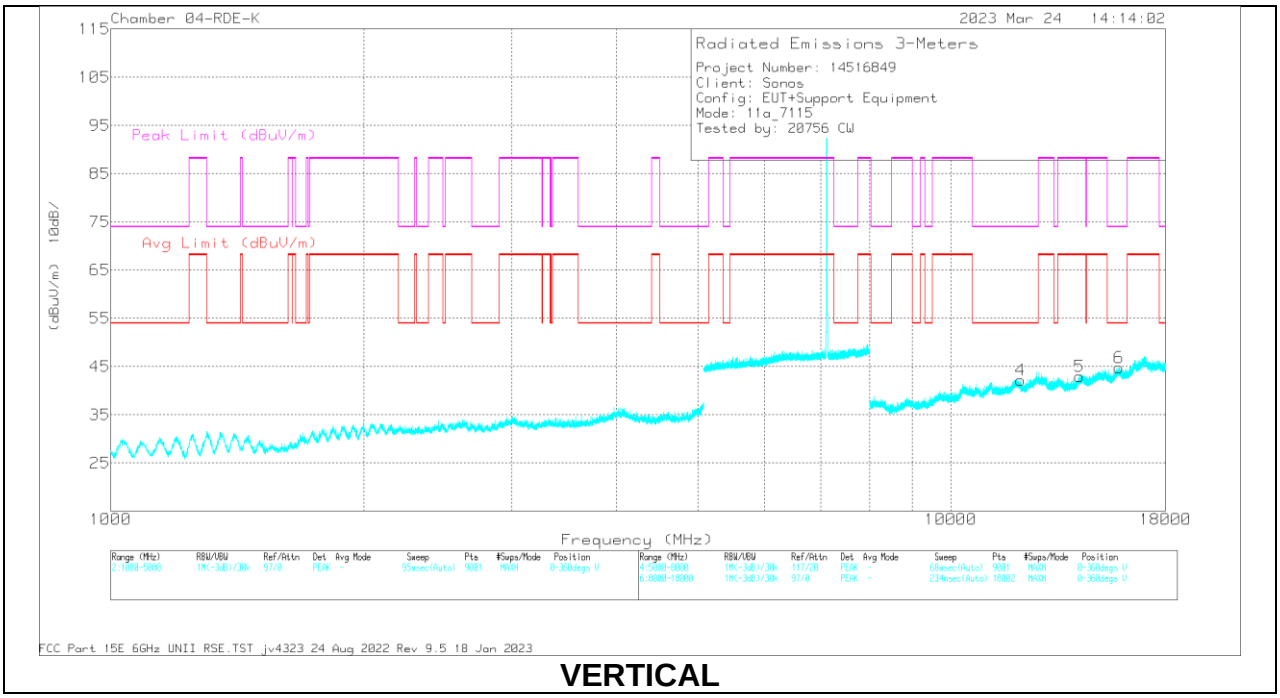
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11300.123	48.28	PK-U	37.8	-36	0	50.08	-	-	74	-23.92	83	258	H
	* 11302.735	36.8	ADR	37.8	-36.1	1.62	40.12	54	-13.88	-	-	83	258	H
2	14005.947	47.55	PK-U	39	-35.1	0	51.45	-	-	88.2	-36.75	143	274	H
	14006.145	36.08	ADR	39	-35.1	1.62	41.6	68.2	-26.6	-	-	143	274	H
3	* 15759.235	47.04	PK-U	40.1	-33.3	0	53.84	-	-	74	-20.16	297	187	H
	* 15759.378	35.58	ADR	40.1	-33.3	1.62	44	54	-10	-	-	297	187	H
4	* 11291.494	48.13	PK-U	37.8	-36	0	49.93	-	-	74	-24.07	202	333	V
	* 11291.885	36.69	ADR	37.8	-36	1.62	40.11	54	-13.89	-	-	202	333	V
5	13982.891	47.6	PK-U	39	-35.1	0	51.5	-	-	88.2	-36.7	19	294	V
	13982.977	35.8	ADR	39	-35.1	1.62	41.32	68.2	-26.88	-	-	19	294	V
6	* 15706.381	47.04	PK-U	40.1	-33.2	0	53.94	-	-	74	-20.06	347	288	V
	* 15706.671	35.41	ADR	40.1	-33.2	1.62	43.93	54	-10.07	-	-	347	288	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



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fltr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 10950.396	48.2	PK-U	38	-36.6	0	49.6	-	-	74	-24.4	170	301	H
	* 10954.063	36.32	ADR	38	-36.5	1.62	39.44	54	-14.56	-	-	170	301	H
2	14240.962	48.18	PK-U	39.3	-34.8	0	52.68	-	-	88.2	-35.52	144	358	H
	14240.843	36.52	ADR	39.3	-34.8	1.62	42.64	68.2	-25.56	-	-	144	358	H
3	* 15881.41	47.33	PK-U	40.2	-33.2	0	54.33	-	-	74	-19.67	204	134	H
	* 15881.365	35.52	ADR	40.2	-33.2	1.62	44.14	54	-9.86	-	-	204	134	H
4	* 12097.085	46.12	PK-U	38.8	-34.3	0	50.62	-	-	74	-23.38	232	230	V
	* 12099.415	34.52	ADR	38.8	-34.3	1.62	40.64	54	-13.36	-	-	232	230	V
5	14219.087	48.03	PK-U	39.3	-35	0	52.33	-	-	88.2	-35.87	307	196	V
	14218.868	36.29	ADR	39.3	-35	1.62	42.21	68.2	-25.99	-	-	307	196	V
6	* 15855.908	47.32	PK-U	40.2	-33.2	0	54.32	-	-	74	-19.68	249	232	V
	* 15855.898	35.61	ADR	40.2	-33.2	1.62	44.23	54	-9.77	-	-	249	232	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

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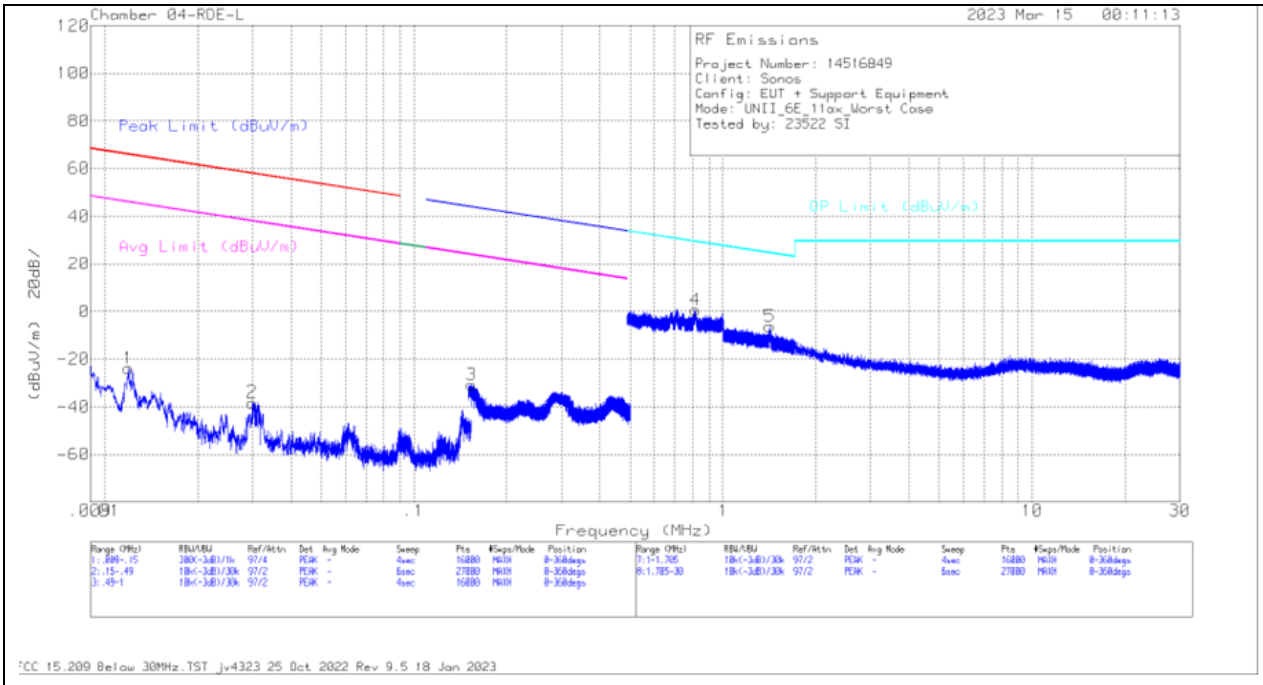
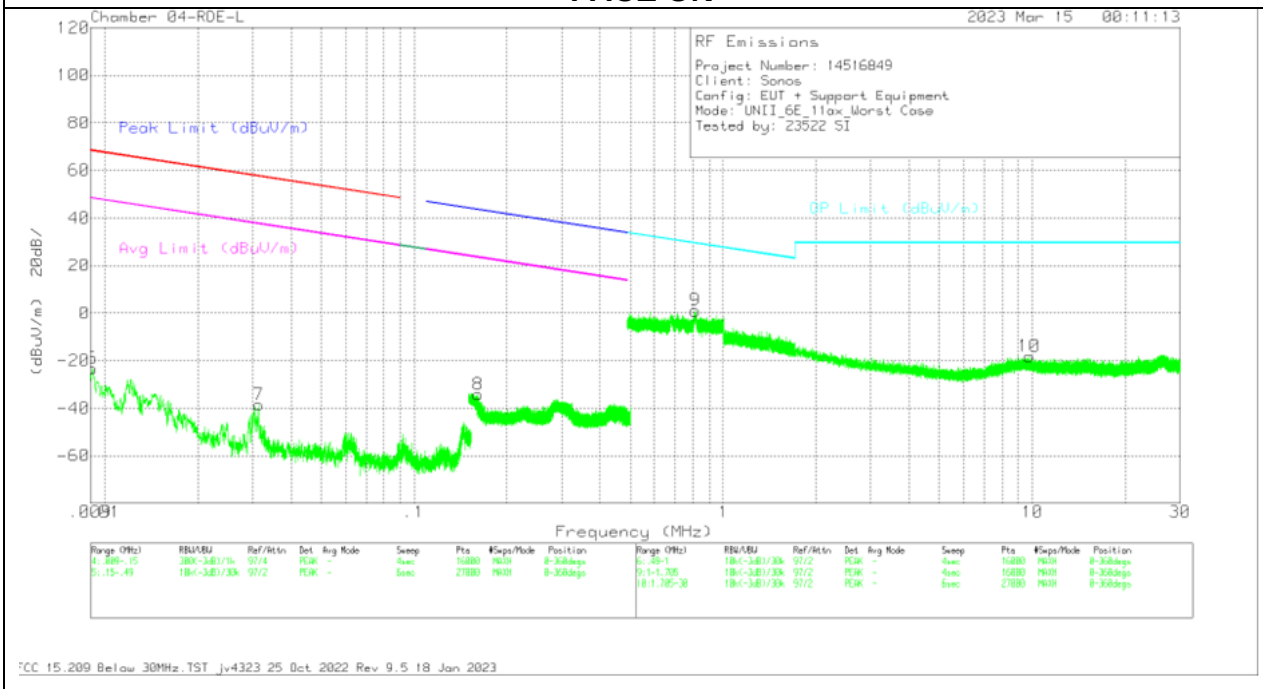
10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



FACE ON



FACE OFF

ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

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	.012	25.76	Pk	59.9	-29.5	-80	-23.84	66.02	-89.86	46.02	-69.86	0-360	0-deg
2	.0301	15.62	Pk	57.8	-31.6	-80	-38.18	58.03	-96.21	38.03	-76.21	0-360	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)
3	.154	25.46	Pk	55.8	-32	-80	-30.74	43.87	-74.61	23.87	-54.61	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)
4	.8133	16.31	Pk	56.1	-31.9	-40	.51	29.41	-28.9	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	.0091	24.49	Pk	61	-28.7	-80	-23.21	68.37	-91.58	48.37	-71.58	0-360	90-degs
7	.0315	15.31	Pk	57.7	-31.7	-80	-38.69	57.62	-96.31	37.62	-76.31	0-360	90-degs

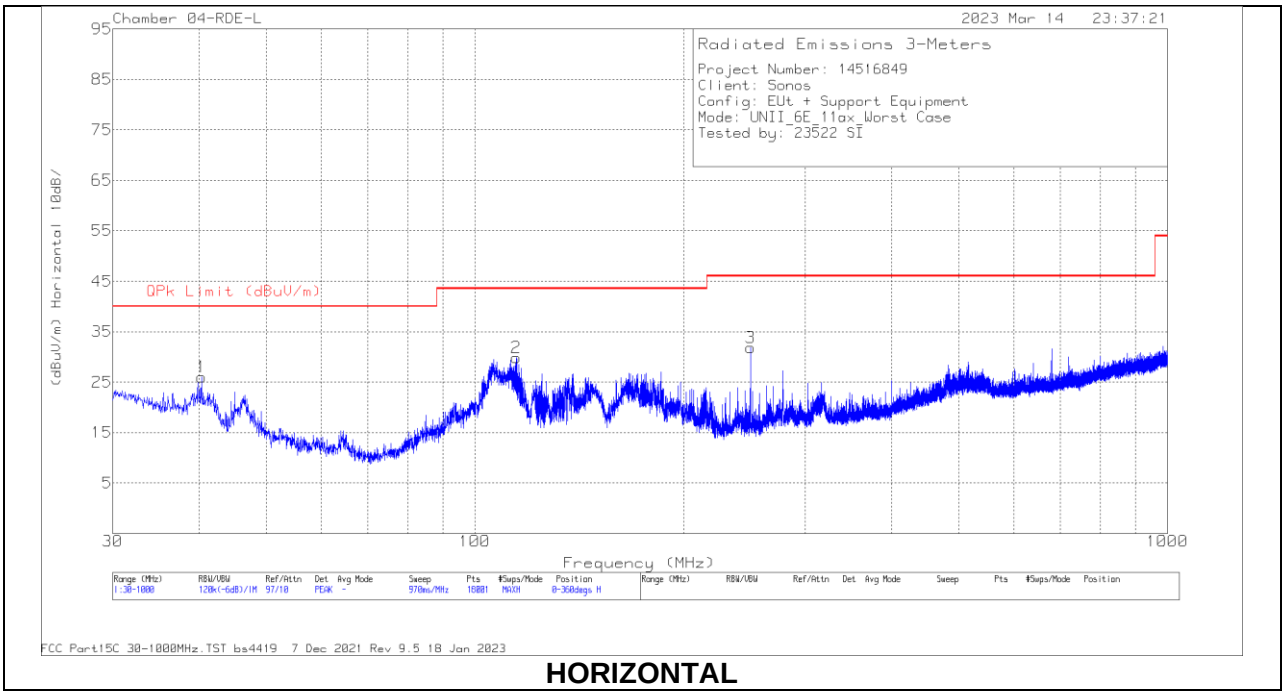
Range 5: Face Off .15 - .49MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
8	.1611	21.86	Pk	55.8	-32	-80	-34.34	43.48	-77.82	23.48	-57.82	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)
9	.8113	16.82	Pk	56.1	-31.9	-40	1.02	29.43	-28.41	0-360	90-degs

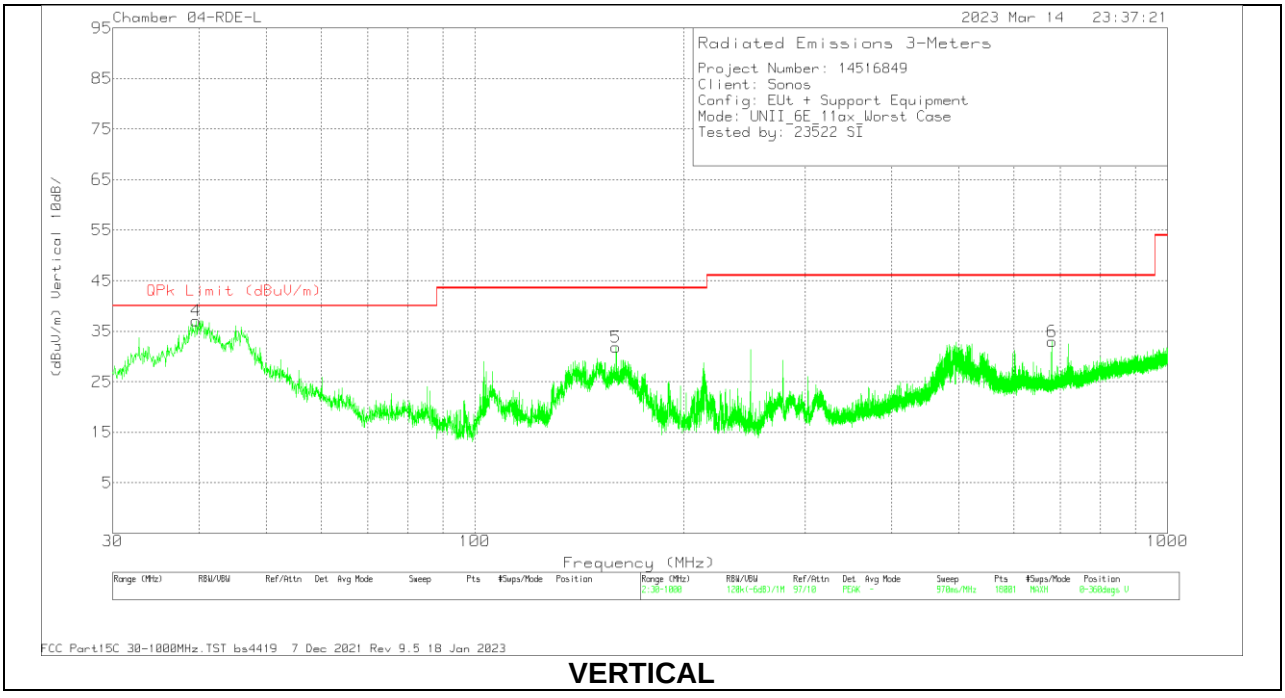
Range 7: Face On 1 – 1.705MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)
5	1.4156	21.02	Pk	44.6	-31.9	-40	-6.28	24.61	-30.89	0-360	0-deg

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	9.7746	18.85	Pk	34.7	-31.6	-40	-18.05	29.5	-47.55	0-360	90-degs

10.3. WORST CASE BELOW 1 GHz



HORIZONTAL



VERTICAL

Below 1 GHz 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	40.2928	37.7	Pk	19.5	-31.2	26	40	-14	0-360	299	H
2	114.66	41.2	Pk	19.3	-30.6	29.9	43.52	-13.62	0-360	399	H
3	249.975	44.37	Pk	17.2	-29.7	31.87	46.02	-14.15	0-360	100	H
4	39.7221	44.57	Qp	20	-31.2	33.37	40	-6.63	195	107	V
	39.7221	49.87	Pk	20	-31.2	38.67	40	-1.33	195	107	V
5	159.98	44.05	Pk	18	-30.2	31.85	43.52	-11.67	0-360	99	V
6	681.976	35.61	Pk	25.6	-28.3	32.91	46.02	-13.11	0-360	199	V

Pk - Peak detector
Qp - Quasi-Peak detector

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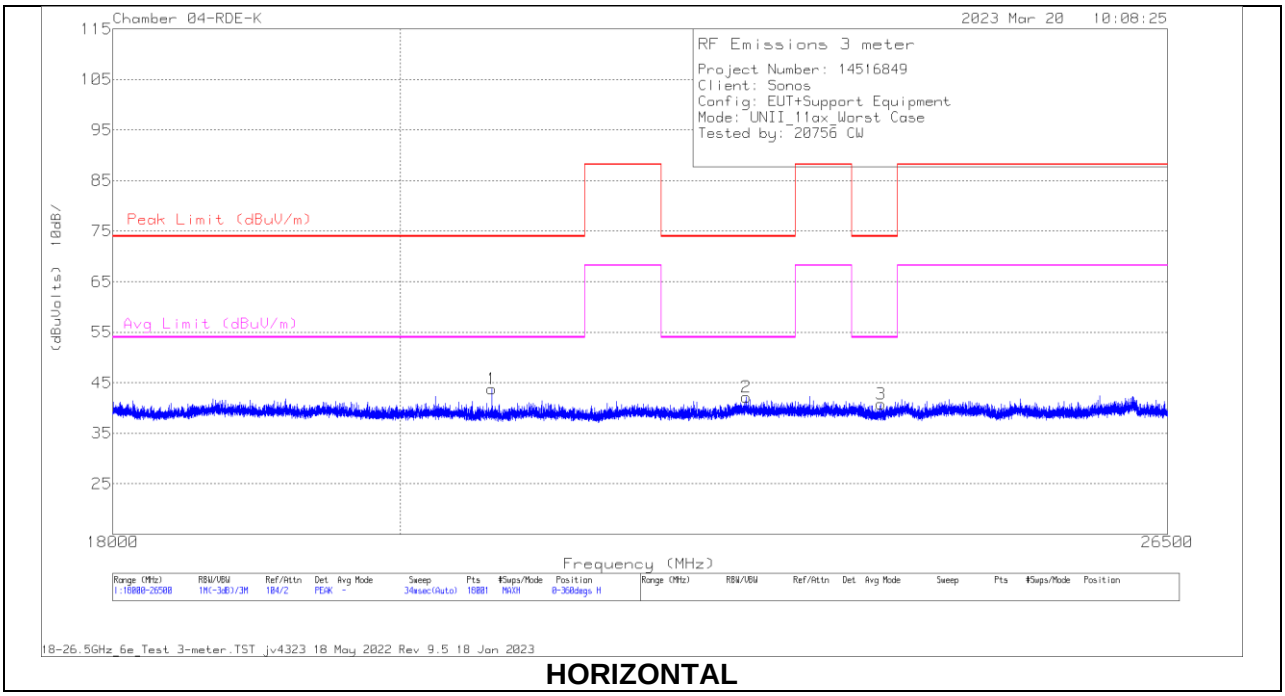
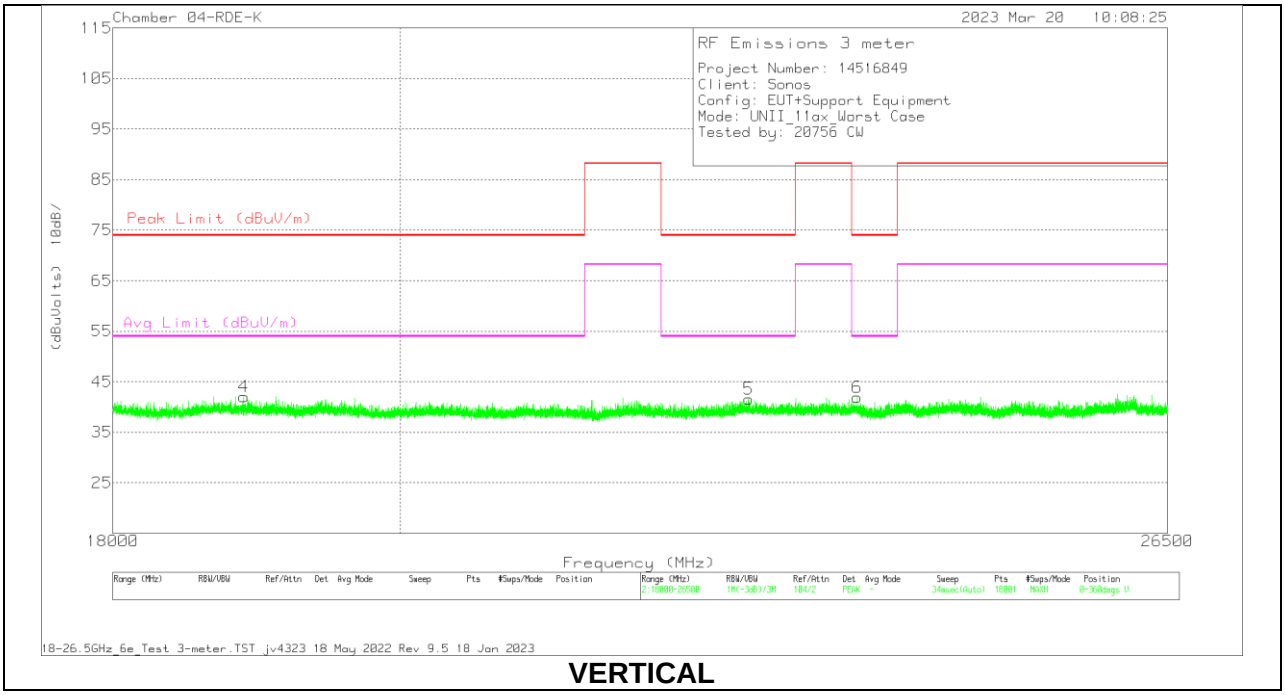
10.4. WORST CASE 18-26 GHz



HORIZONTAL



VERTICAL

18-26 GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172363 AF (dB/m)	171583 Amp (dB)	Cables (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 20685.054	52.96	Pk	33.1	-61.3	19	43.76	74	-30.24	0-360	200	H
2	* 22709.47	51.7	Pk	33.1	-62.5	19.9	42.2	74	-31.8	0-360	200	H
3	* 23860.275	49.56	Pk	33.3	-62.5	20.4	40.76	74	-33.24	0-360	200	H
4	* 18887.305	52.72	Pk	33.5	-62.5	18.3	42.02	74	-31.98	0-360	200	V
5	* 22730.72	51.09	Pk	33.1	-62.5	19.9	41.59	74	-32.41	0-360	101	V
6	* 23650.608	51.07	Pk	33.2	-62.7	20.3	41.87	74	-32.13	0-360	200	V

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

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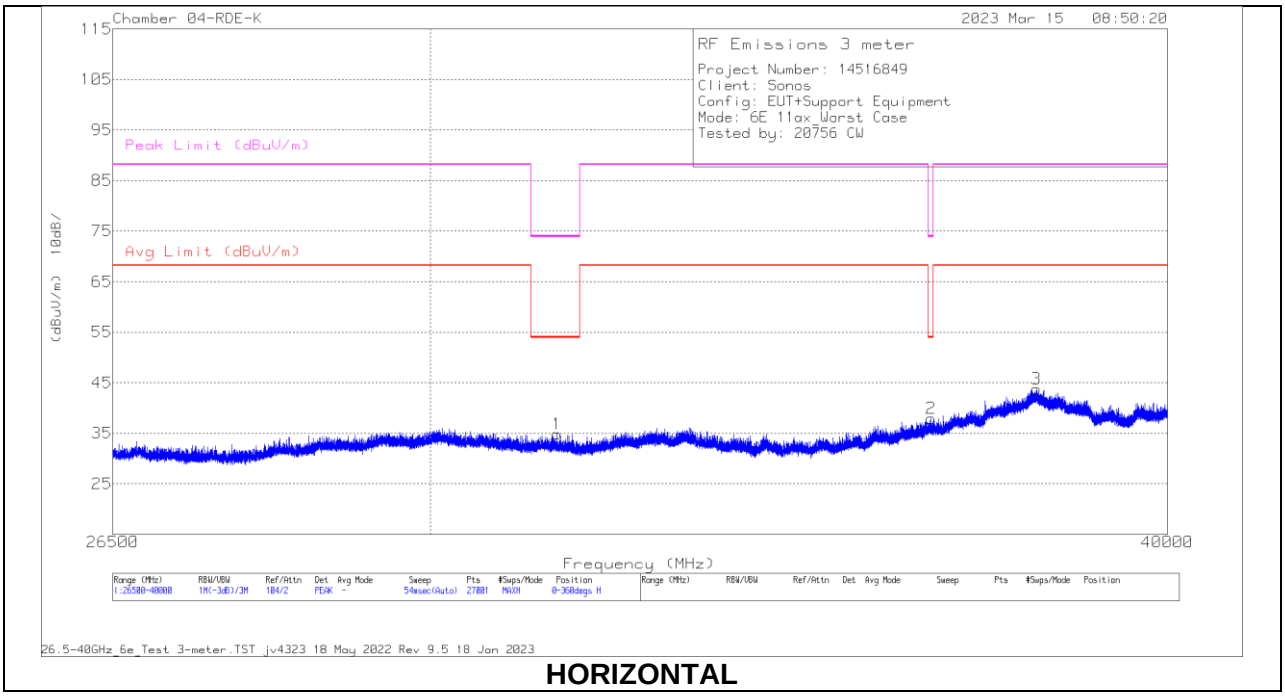
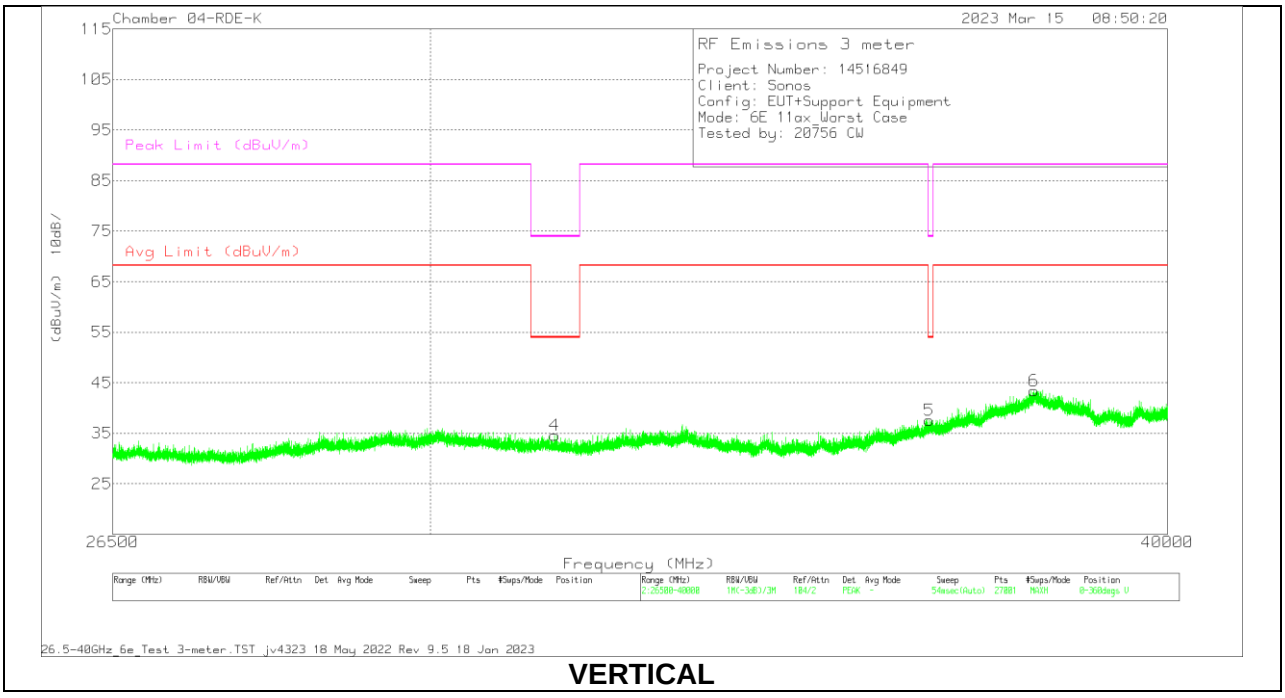
10.5. WORST CASE 26-40 GHz



HORIZONTAL



VERTICAL

26-40 GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	172366 AF (dB/m)	172346 Amp (dB)	Cables (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 31515	44.07	Pk	36.9	-69.6	23.5	34.87	74	-39.13	0-360	200	H
2	* 36476.5	45.78	Pk	38.3	-71.8	25.6	37.88	74	-36.12	0-360	101	H
3	38010	46.77	Pk	38.8	-68.1	26.3	43.77	-	-	0-360	101	H
4	* 31491.5	43.65	Pk	36.9	-69.5	23.5	34.55	74	-39.45	0-360	199	V
5	* 36449	45.41	Pk	38.3	-71.8	25.6	37.51	74	-36.49	0-360	101	V
6	37971.5	46.43	Pk	38.8	-68.2	26.4	43.43	-	-	0-360	101	V

Avg - Video bandwidth < Resolution bandwidth

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	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.

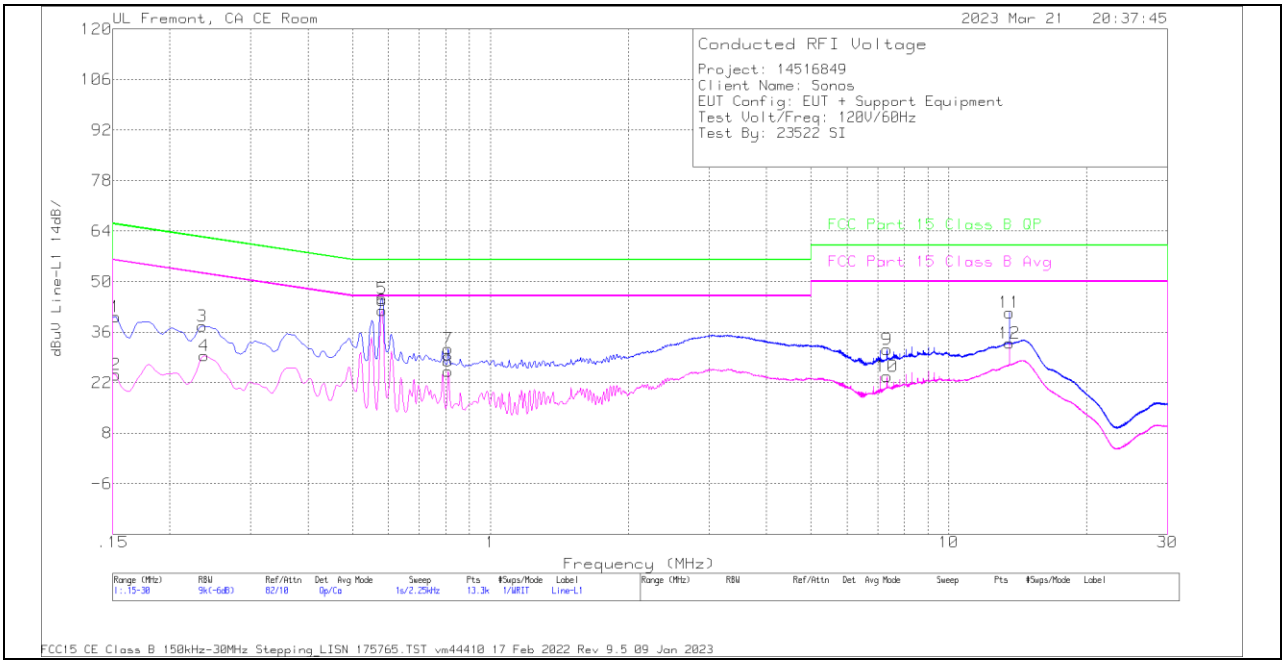
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE NORM

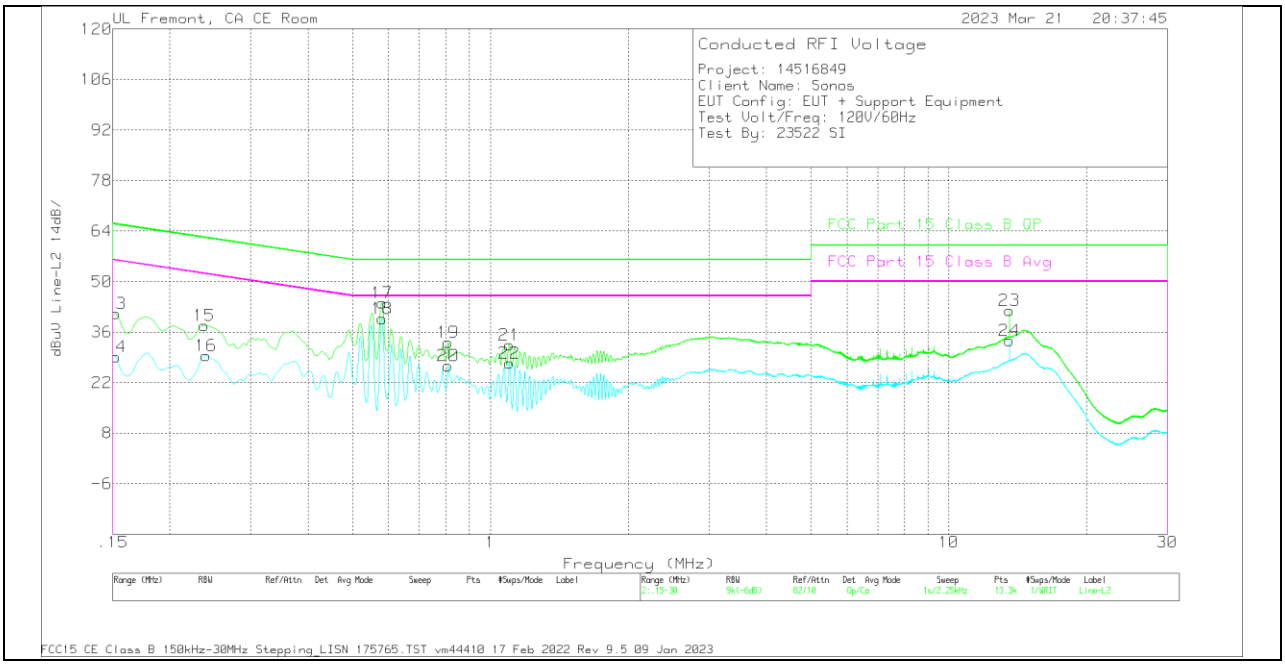
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable	TekBox Limiter TBFL1 Model 207	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)Margin (dB)
2	.1523	14.69	Ca	.1	0	9.4	24.19	-	-	55.88	-31.69
4	.2378	20.15	Ca	0	0	9.3	29.45	-	-	52.17	-22.72
6	.5798	32.65	Ca	0	.1	9.3	42.05	-	-	46	-3.95
8	.8093	15.78	Ca	0	.1	9.3	25.18	-	-	46	-20.82
10	7.332	14.33	Ca	0	.2	9.3	23.83	-	-	50	-26.17
12	13.56	23.41	Ca	.1	.2	9.3	33.01	-	-	50	-16.99
1	.1523	30.78	Qp	.1	0	9.4	40.28	65.88	-25.6	-	-
3	.2355	28.35	Qp	0	0	9.3	37.65	62.25	-24.6	-	-
5	.5798	35.83	Qp	0	.1	9.3	45.23	56	-10.77	-	-
7	.8093	21.97	Qp	0	.1	9.3	31.37	56	-24.63	-	-
9	7.332	21.69	Qp	0	.2	9.3	31.19	60	-28.81	-	-
11	13.56	31.8	Qp	.1	.2	9.3	41.4	60	-18.6	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L2	C2&C3 cable	TekBox Limiter TBFL1 Model 207	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)Margin (dB)
14	.1523	19.66	Ca	.1	0	9.4	29.16	-	-	55.88	-26.72
16	.24	20.14	Ca	0	0	9.3	29.44	-	-	52.1	-22.66
18	.5798	30.31	Ca	0	.1	9.3	39.71	-	-	46	-6.29
20	.8093	17.29	Ca	0	.1	9.3	26.69	-	-	46	-19.31
22	1.0995	18.06	Ca	0	.1	9.3	27.46	-	-	46	-18.54
24	13.56	24.01	Ca	.1	.2	9.3	33.61	-	-	50	-16.39
13	.1523	31.71	Qp	.1	0	9.4	41.21	65.88	-24.67	-	-
15	.2378	28.56	Qp	0	0	9.3	37.86	62.17	-24.31	-	-
17	.5798	34.7	Qp	0	.1	9.3	44.1	56	-11.9	-	-
19	.8093	23.71	Qp	0	.1	9.3	33.11	56	-22.89	-	-
21	1.0995	23.09	Qp	0	.1	9.3	32.49	56	-23.51	-	-
23	13.56	32.35	Qp	.1	.2	9.3	41.95	60	-18.05	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection