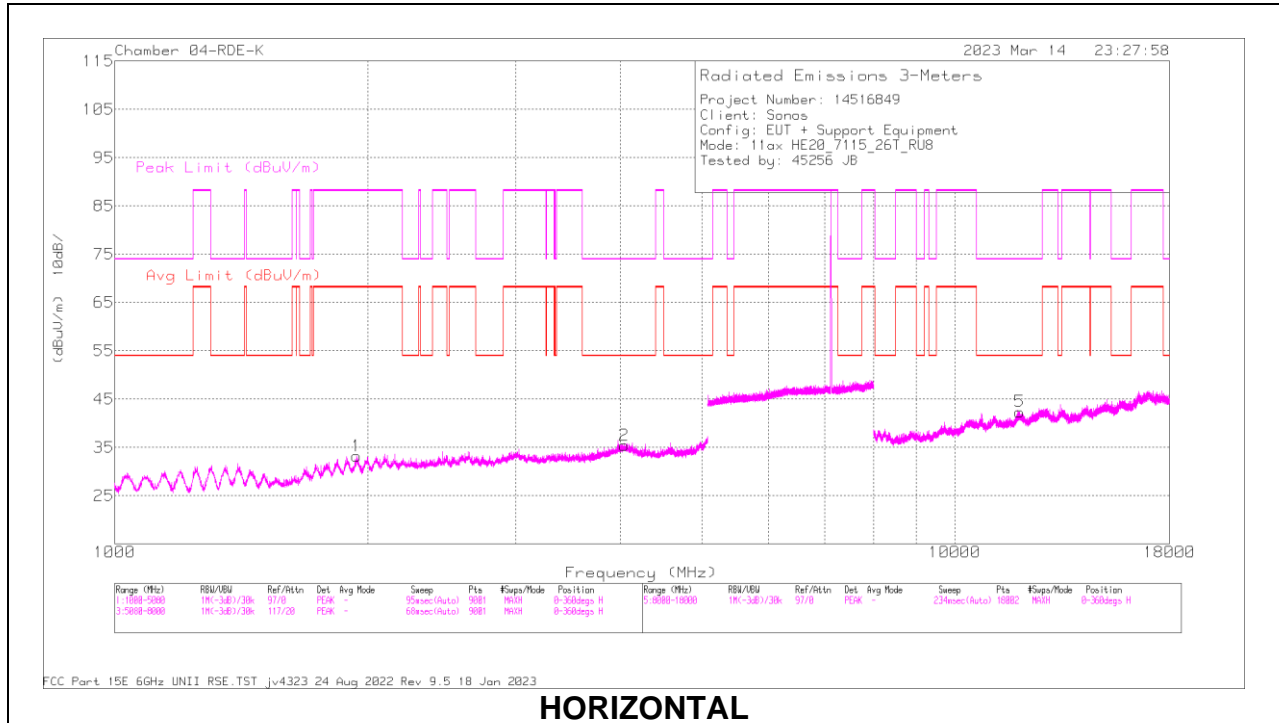
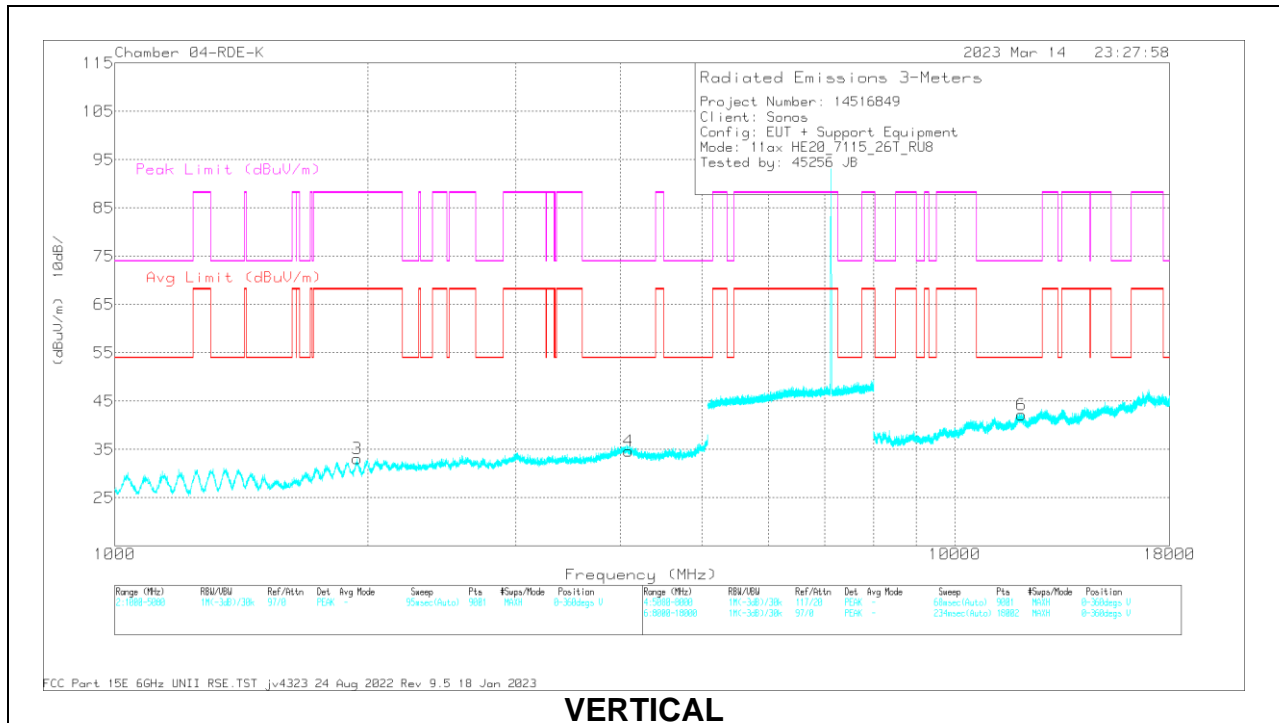


HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1940.912	56.44	PK-U	31.4	-45.1	0	42.74	-	-	88.2	-45.46	191	317	H
	1939.871	44.73	ADR	31.3	-45.2	3.13	33.96	68.2	-34.24	-	-	191	317	H
2	* 4037.599	52	PK-U	35.2	-41.6	0	45.6	-	-	74	-28.4	24	303	H
	* 4037.08	39.9	ADR	35.2	-41.6	3.13	36.63	54	-17.37	-	-	24	303	H
3	1941.639	57.8	PK-U	31.4	-45.2	0	44	-	-	88.2	-44.2	291	299	V
	1942.848	44.85	ADR	31.4	-45.3	3.13	34.08	68.2	-34.12	-	-	291	299	V
4	* 4084.377	52.26	PK-U	35.1	-41.7	0	45.66	-	-	74	-28.34	19	230	V
	* 4087.382	39.92	ADR	35.1	-41.7	3.13	36.45	54	-17.55	-	-	19	230	V
5	* 11943.638	47.21	PK-U	38.5	-34.5	0	51.21	-	-	74	-22.79	209	256	H
	* 11944.873	35.41	ADR	38.5	-34.5	3.13	42.54	54	-11.46	-	-	209	256	H
6	* 11999.583	47.64	PK-U	38.6	-34.2	0	52.04	-	-	74	-21.96	300	138	V
	* 11997.701	35.17	ADR	38.6	-34.1	3.13	42.8	54	-11.2	-	-	300	138	V

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

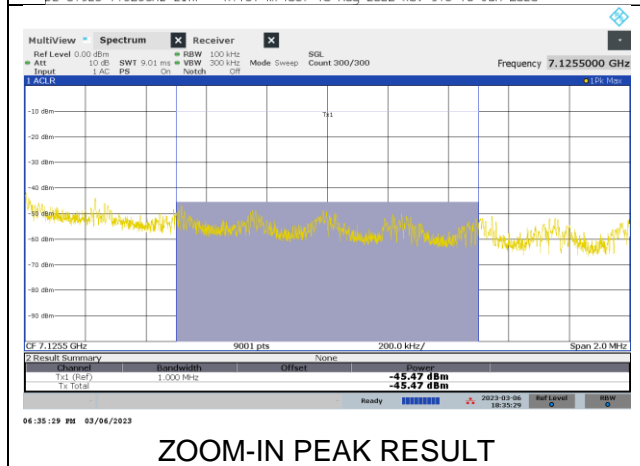
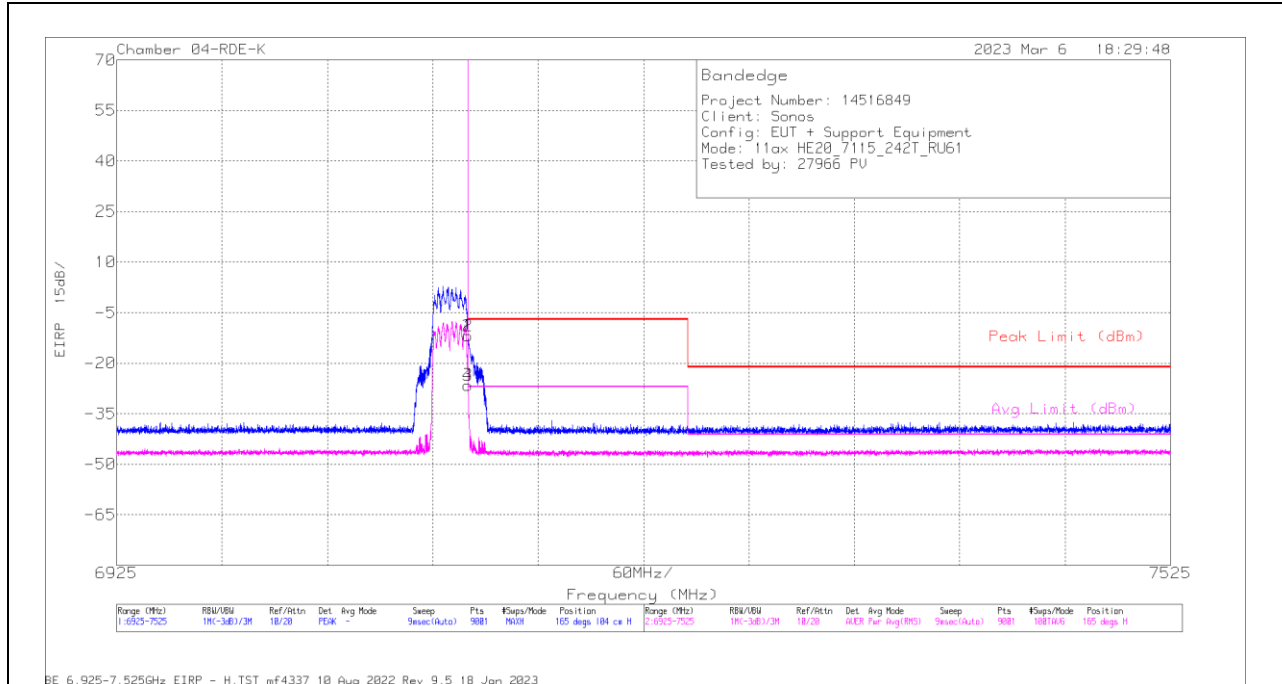
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

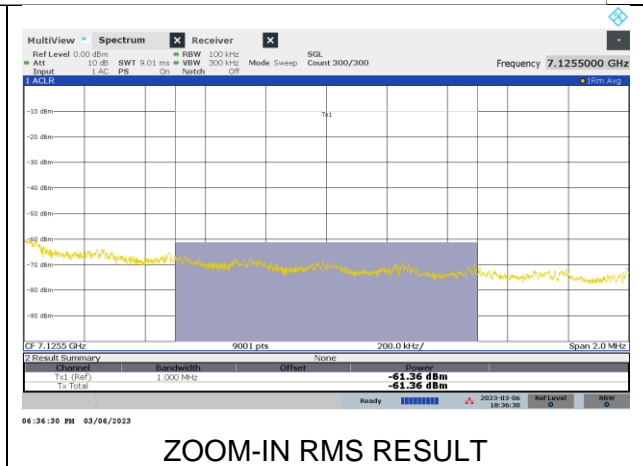
2TX Antenna 3 + Antenna 4 OFDMA MODE: 242-Tones, RU Index 61

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



ZOOM-IN PEAK RESULT



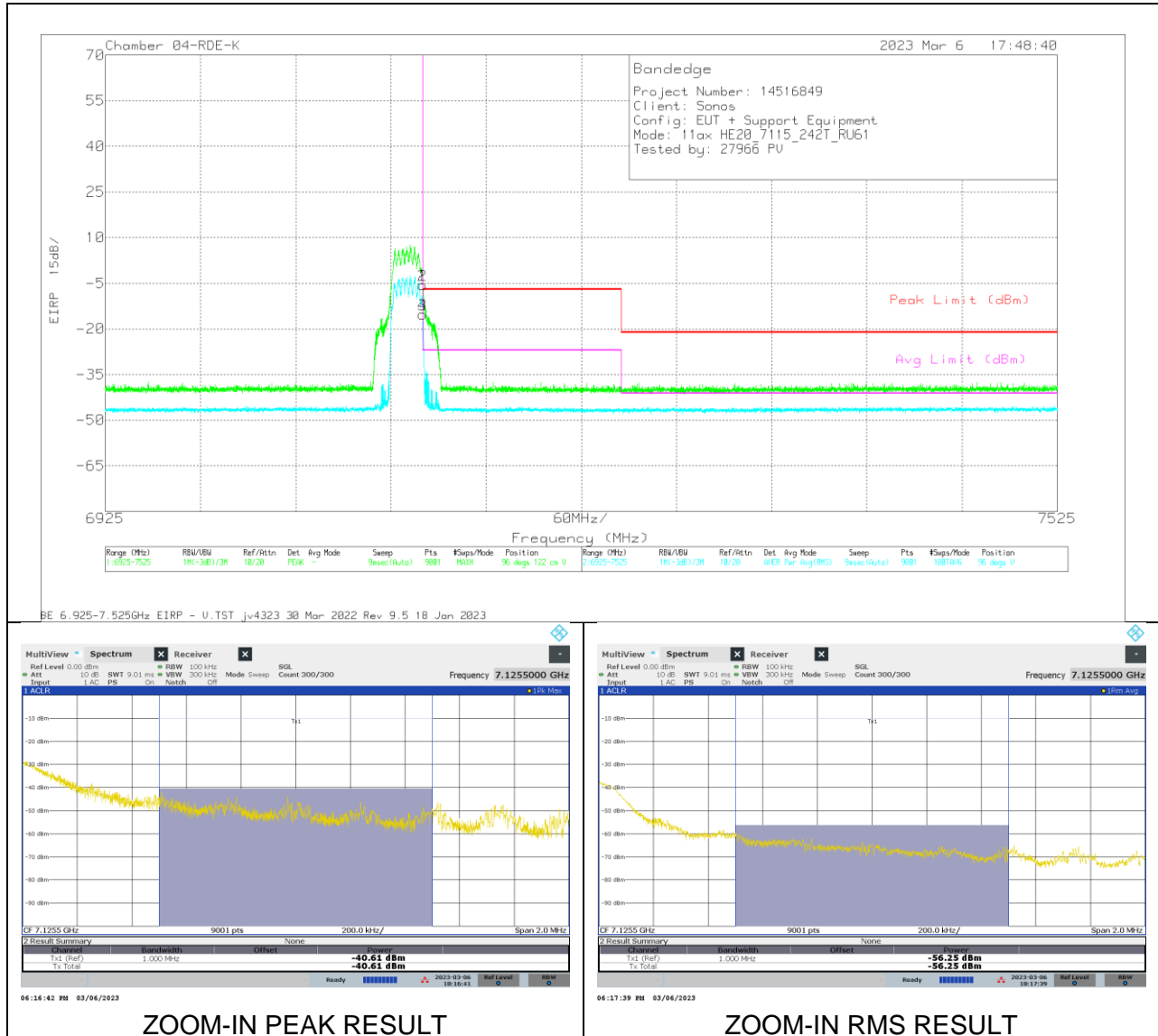
ZOOM-IN RMS RESULT

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-45.47	Pk	35.7	-28.7	11.8	0	-11.88	-7	-19.67	-	-	165	104	H
2	7125	-61.36	RMS	35.7	-28.7	11.8	4.17	-26.51	-	-	-27	-11.39	165	104	H

Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



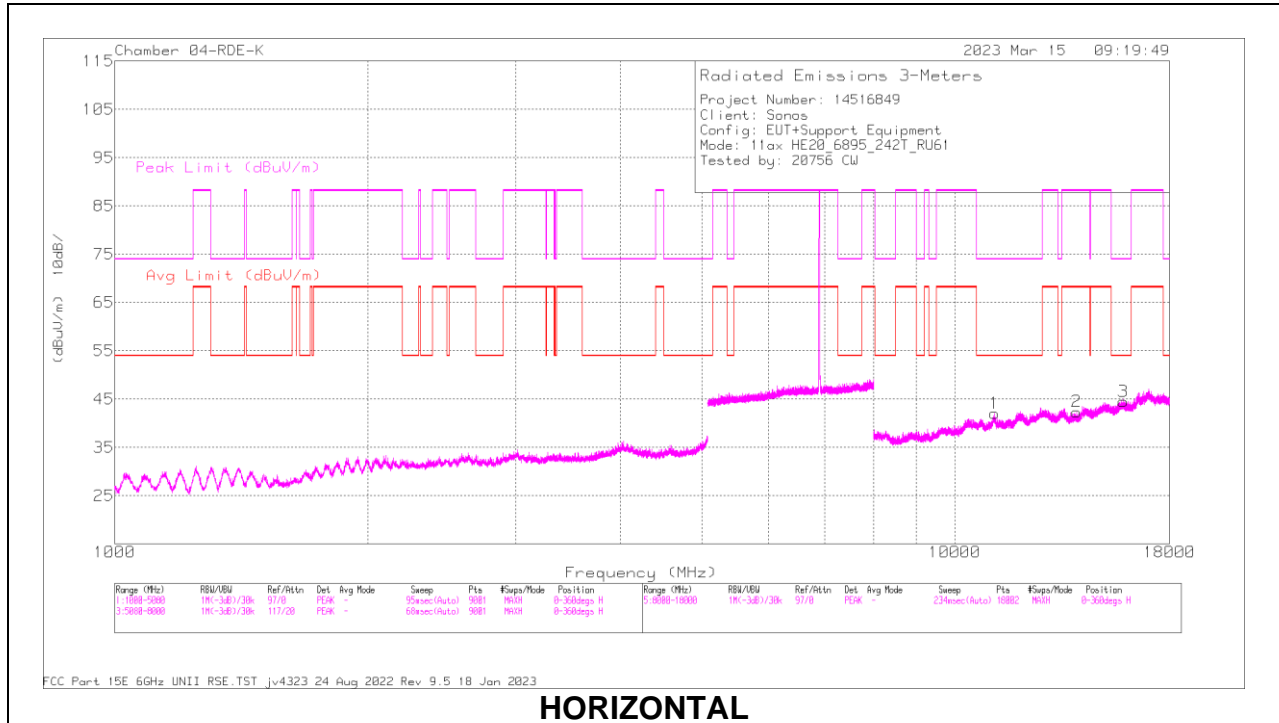
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-40.61	PK	35.7	-28.7	11.8	0	-5.5	-7	-14.81	-	-	96	122	V
3	7125	-56.25	RMS	35.7	-28.7	11.8	4.17	-15.31	-	-	-27	-6.28	96	122	V

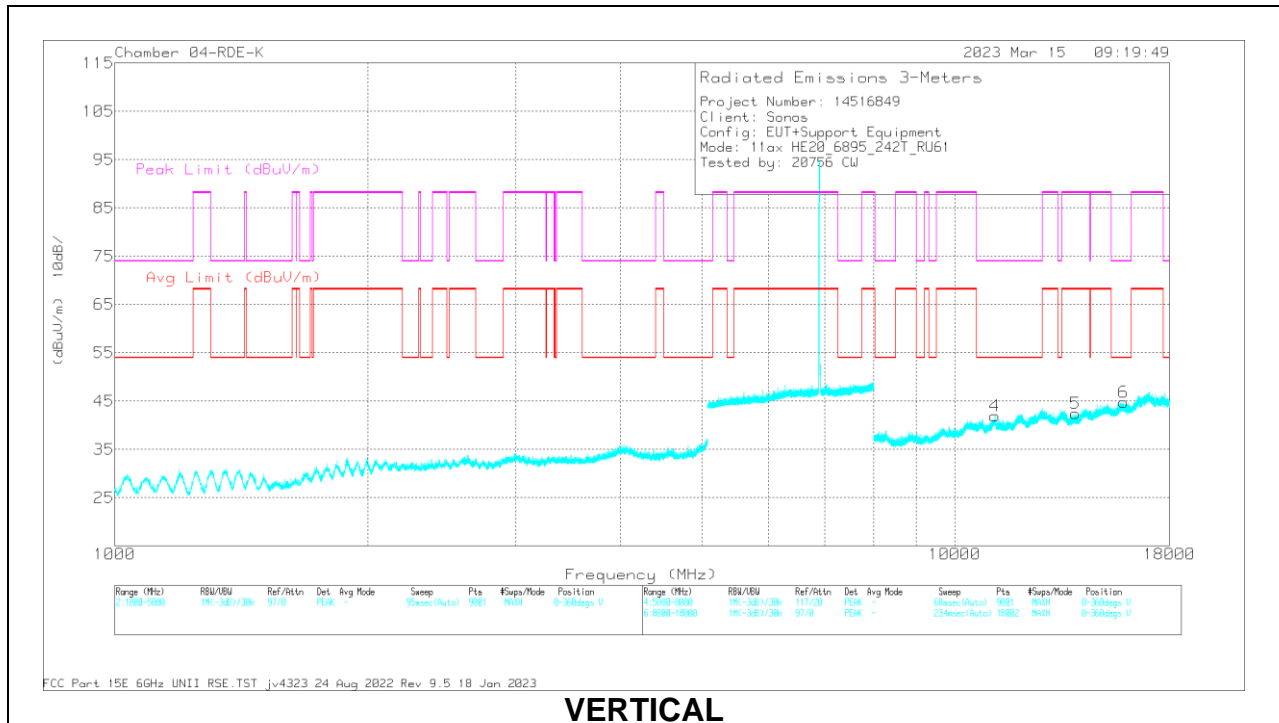
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

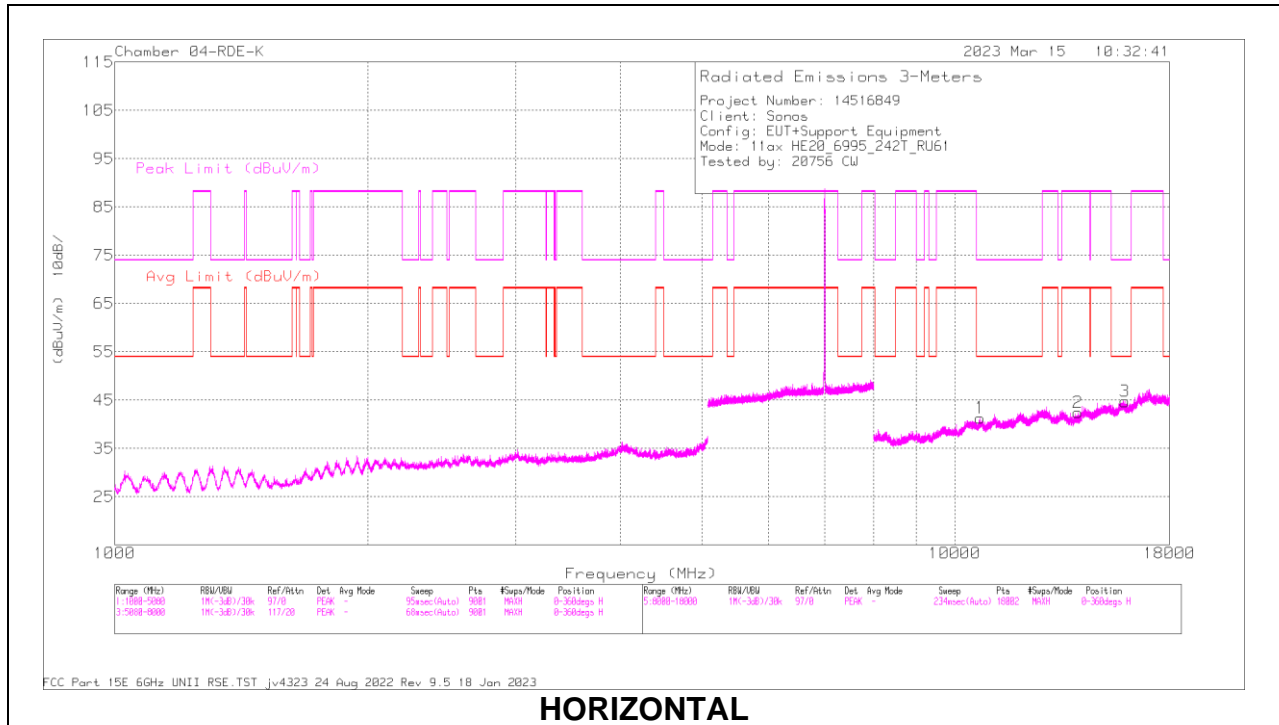
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11153.974	48.49	PK-U	38	-35.4	0	51.09	-	-	74	-22.91	88	364	H
	* 11154.413	36.59	ADR	38	-35.4	4.17	43.36	54	-10.64	-	-	88	364	H
2	13950.543	47.38	PK-U	39	-35.1	0	51.28	-	-	88.2	-36.92	356	363	H
	13950.349	35.67	ADR	39	-35.1	4.17	43.74	68.2	-24.46	-	-	356	363	H
3	* 15864.297	47.49	PK-U	40.2	-33	0	54.69	-	-	74	-19.31	167	189	H
	* 15864.485	35.15	ADR	40.2	-33	4.17	46.52	54	-7.48	-	-	167	189	H
4	* 11154.463	48.69	PK-U	38	-35.4	0	51.29	-	-	74	-22.71	90	122	V
	* 11154.82	36.59	ADR	38	-35.4	4.17	43.36	54	-10.64	-	-	90	122	V
5	13902.399	48.15	PK-U	38.9	-34.9	0	52.15	-	-	88.2	-36.05	98	164	V
	13902.379	35.8	ADR	38.9	-34.9	4.17	43.97	68.2	-24.23	-	-	98	164	V
6	* 15878.881	47.42	PK-U	40.2	-33.2	0	54.42	-	-	74	-19.58	204	114	V
	* 15878.803	35.4	ADR	40.2	-33.2	4.17	46.57	54	-7.43	-	-	204	114	V

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

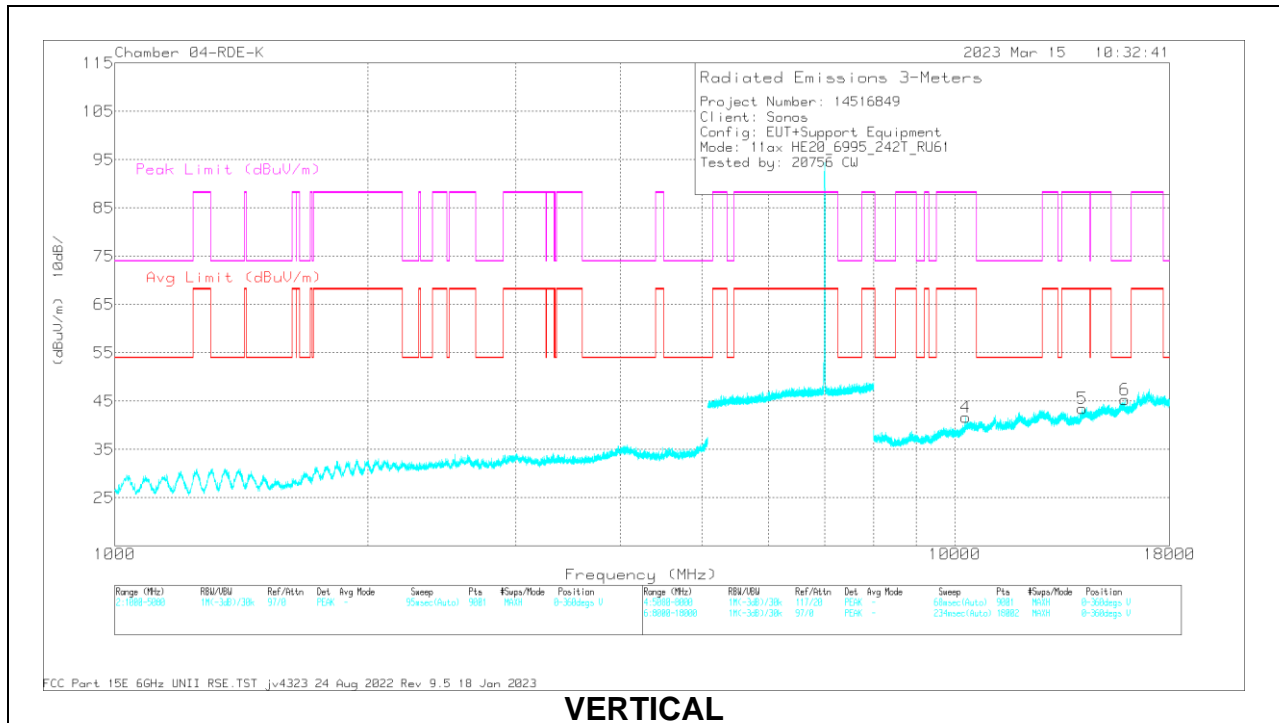
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

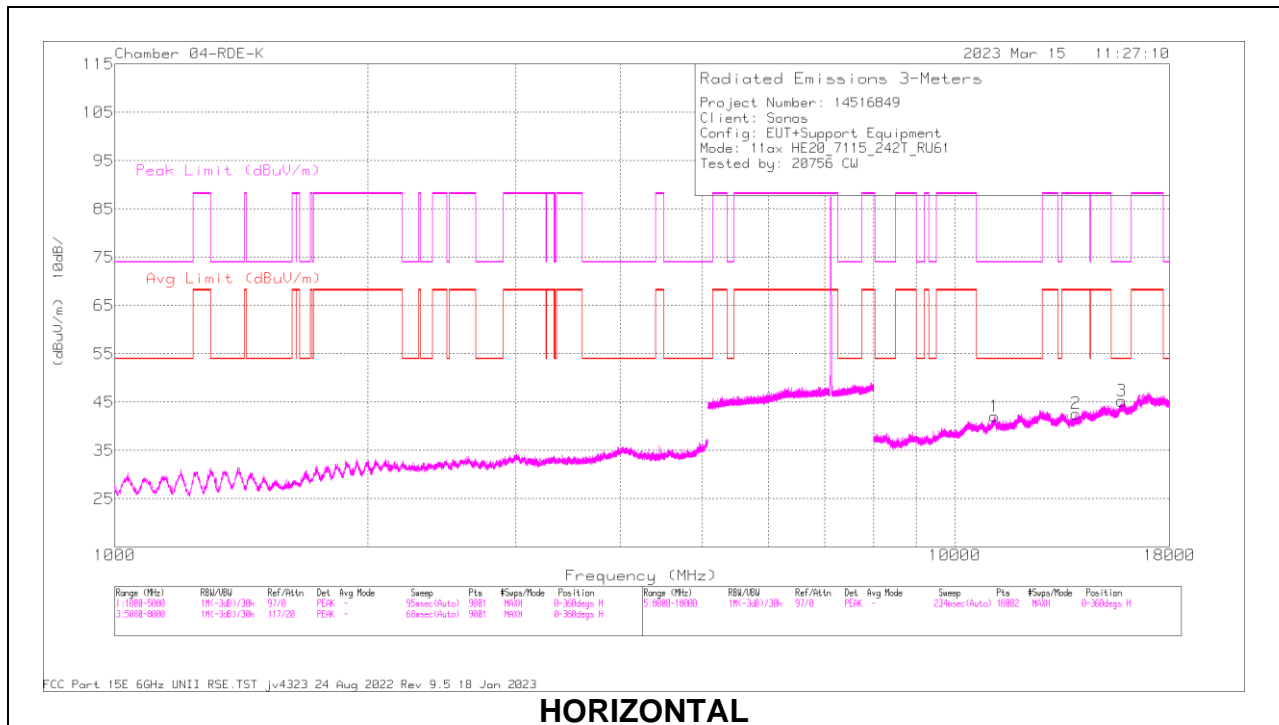
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 10711.779	48.14	PK-U	37.9	-36.2	0	49.84	-	-	74	-24.16	87	168	H
	* 10712.425	36.53	ADR	37.9	-36.2	4.17	42.4	54	-11.6	-	-	87	168	H
2	14005.291	47.49	PK-U	39	-35.1	0	51.39	-	-	88.2	-36.81	348	242	H
	14005.031	35.87	ADR	39	-35.1	4.17	43.94	68.2	-24.26	-	-	348	242	H
3	* 15924.461	46.71	PK-U	40.2	-33	0	53.91	-	-	74	-20.09	216	119	H
	* 15924.471	34.86	ADR	40.2	-33	4.17	46.23	54	-7.77	-	-	216	119	H
4	10299.233	48.76	PK-U	37.6	-36.5	0	49.86	-	-	88.2	-38.34	254	289	V
	10299.835	37.08	ADR	37.6	-36.5	4.17	42.35	68.2	-25.85	-	-	254	289	V
5	14175.352	48.66	PK-U	39.2	-34.5	0	53.36	-	-	88.2	-34.84	203	142	V
	14175.328	35.93	ADR	39.2	-34.5	4.17	44.8	68.2	-23.4	-	-	203	142	V
6	* 15929.988	47.09	PK-U	40.2	-33	0	54.29	-	-	74	-19.71	242	240	V
	* 15930.234	34.97	ADR	40.2	-33	4.17	46.34	54	-7.66	-	-	242	240	V

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

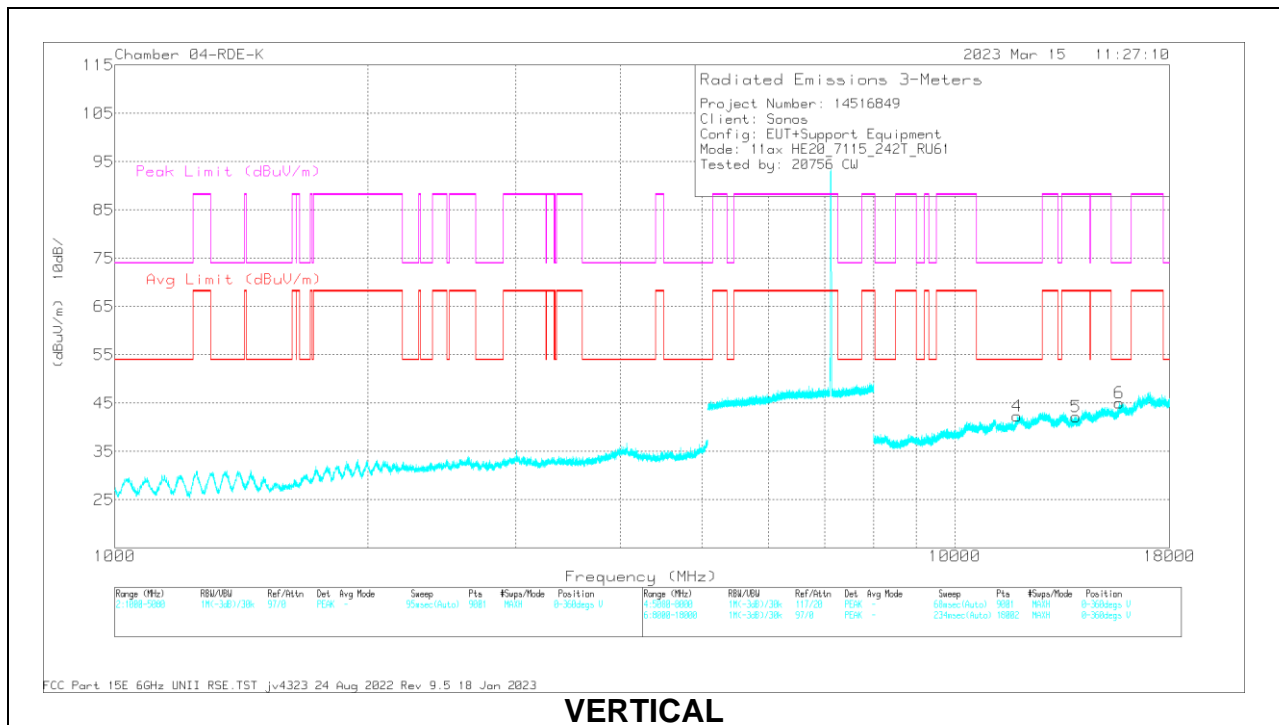
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11149.167	48.36	PK-U	38	-35.6	0	50.76	-	-	74	-23.24	78	370	H
	* 11147.976	36.72	ADR	38	-35.6	4.17	43.29	54	-10.71	-	-	78	370	H
2	13941.328	47.88	PK-U	38.9	-35.1	0	51.68	-	-	88.2	-36.52	259	264	H
	13941.486	35.87	ADR	38.9	-35.1	4.17	43.84	68.2	-24.36	-	-	259	264	H
3	* 15788.152	48.01	PK-U	40.2	-33.4	0	54.81	-	-	74	-19.19	290	256	H
	* 15788.156	35.44	ADR	40.2	-33.4	4.17	46.41	54	-7.59	-	-	290	256	H
4	* 11853.895	47.62	PK-U	38.4	-35.1	0	50.92	-	-	74	-23.08	2	180	V
	* 11853.997	35.43	ADR	38.4	-35.1	4.17	42.9	54	-11.1	-	-	2	180	V
5	13929.841	47.75	PK-U	38.9	-35	0	51.65	-	-	88.2	-36.55	24	275	V
	13929.612	35.6	ADR	38.9	-35	4.17	43.67	68.2	-24.53	-	-	24	275	V
6	* 15684.401	46.92	PK-U	40.1	-33.1	0	53.92	-	-	74	-20.08	341	290	V
	* 15684.443	34.91	ADR	40.1	-33.1	4.17	46.08	54	-7.92	-	-	341	290	V

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

PK-U - U-NII: Maximum Peak

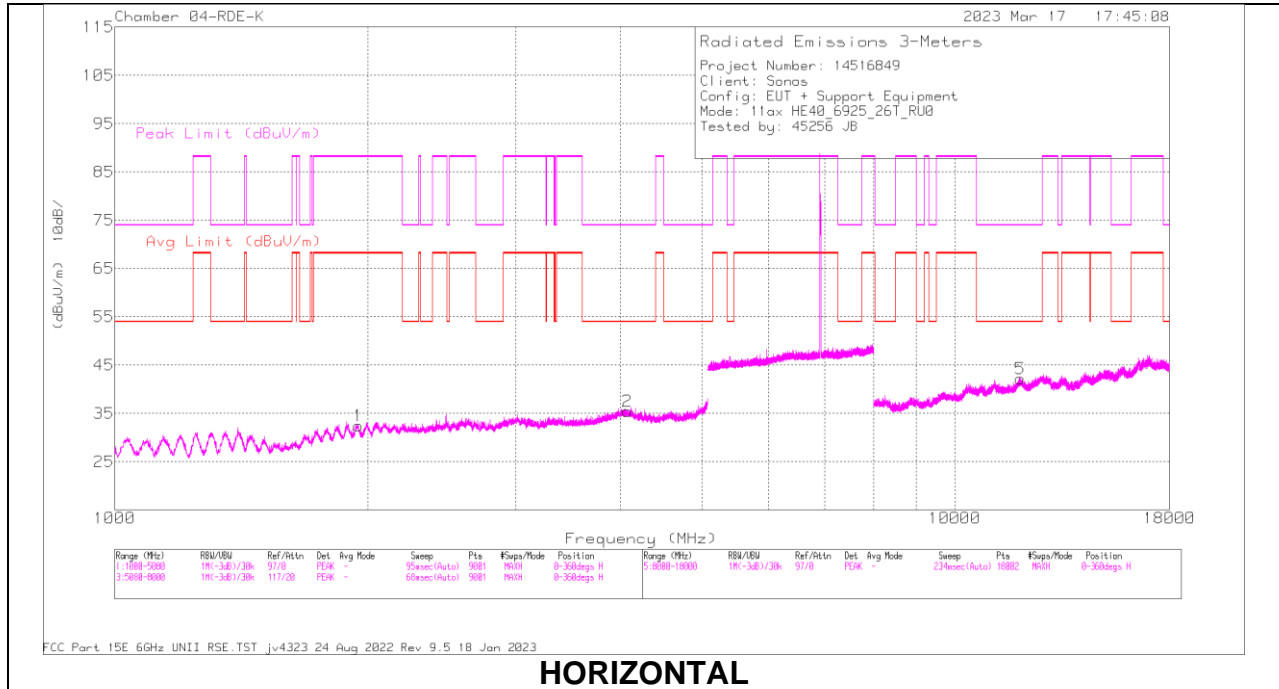
ADR - U-NII AD primary method, RMS average

10.1.11. TX ABOVE 1 GHz 802.11ax HE40 MODE IN THE UNII-8 BAND

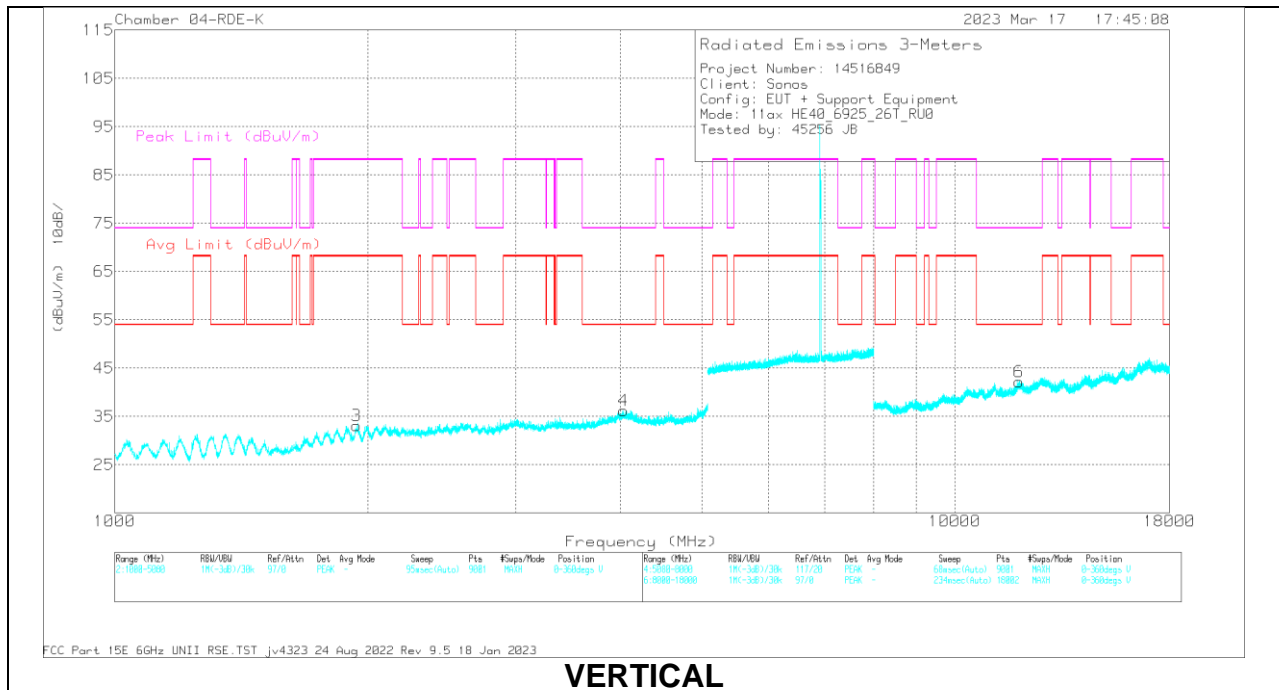
2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1945.973	57.33	PK-U	31.4	-45.4	0	43.33	-	-	88.2	-44.87	82	154	H
	1945.464	45.05	ADR	31.4	-45.4	3.09	34.14	68.2	-34.06	-	-	82	154	H
2	* 4069.769	52.62	PK-U	35.2	-41.6	0	46.22	-	-	74	-27.78	182	397	H
	* 4070.566	40.39	ADR	35.2	-41.7	3.09	36.98	54	-17.02	-	-	182	397	H
3	1939.68	57.06	PK-U	31.3	-45.2	0	43.16	-	-	88.2	-45.04	20	266	V
	1939.497	45.01	ADR	31.3	-45.2	3.09	34.2	68.2	-34	-	-	20	266	V
4	* 4035.019	52.29	PK-U	35.2	-41.7	0	45.79	-	-	74	-28.21	310	131	V
	* 4034.946	40.36	ADR	35.2	-41.7	3.09	36.95	54	-17.05	-	-	310	131	V
5	* 11960.671	46.99	PK-U	38.6	-34.4	0	51.19	-	-	74	-22.81	190	230	H
	* 11960.202	35.14	ADR	38.6	-34.4	3.09	42.43	54	-11.57	-	-	190	230	H
6	* 11919.073	47.22	PK-U	38.5	-34.8	0	50.92	-	-	74	-23.08	355	355	V
	* 11917.617	35.33	ADR	38.5	-34.7	3.09	42.22	54	-11.78	-	-	355	355	V

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

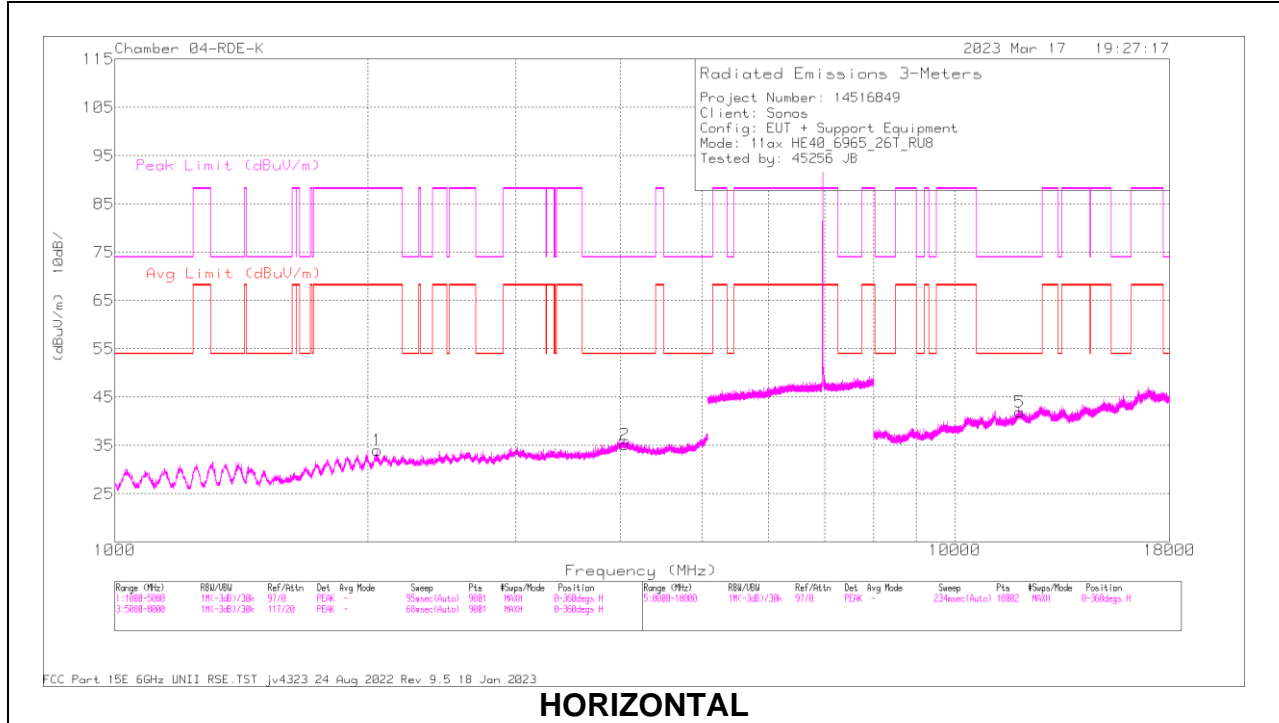
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

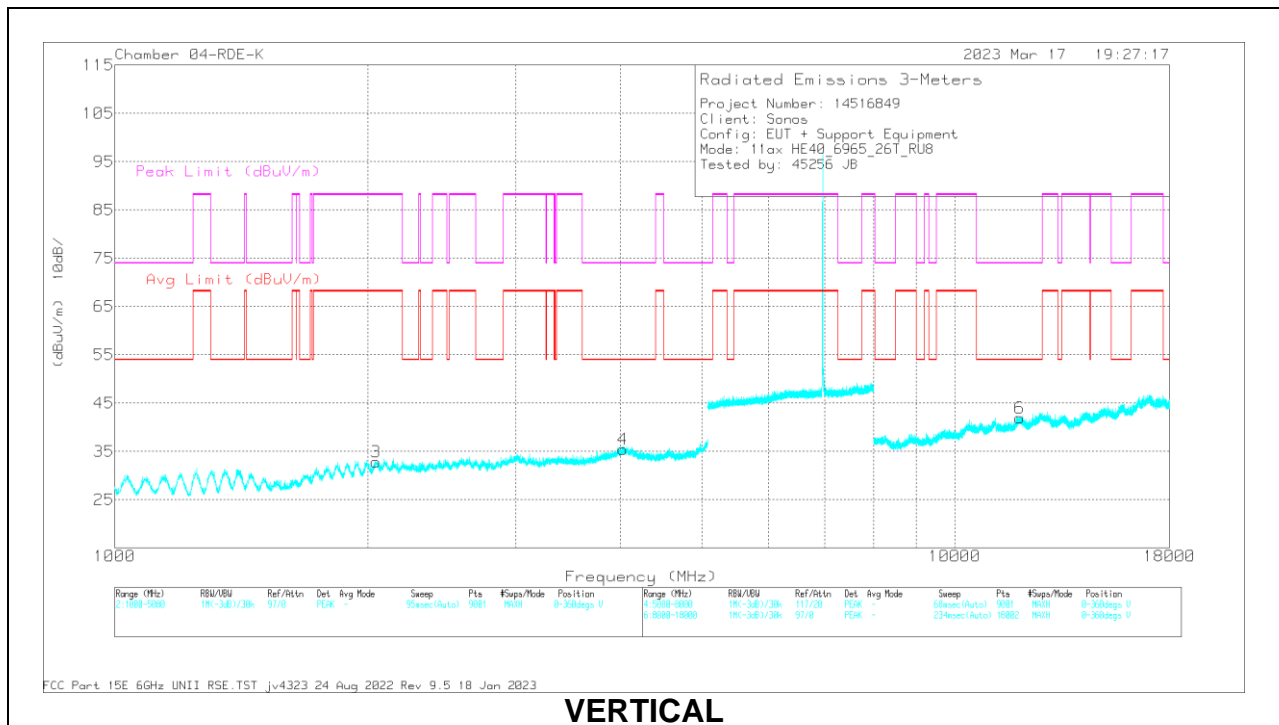
2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL



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)	Azimuth (Degs)	Height (cm)	Polarity
1	2052.681	57.16	PK-U	31.7	-45.6	0	43.26	-	-	88.2	-44.94	314	313	H
	2053.672	45.06	ADR	31.7	-45.7	3.09	34.15	68.2	-34.05	-	-	314	313	H
2	* 4042.765	51.9	PK-U	35.2	-41.7	0	45.4	-	-	74	-28.6	285	233	H
	* 4041.865	40.28	ADR	35.2	-41.7	3.09	36.87	54	-17.13	-	-	285	233	H
3	2047.363	57.31	PK-U	31.7	-45.8	0	43.21	-	-	88.2	-44.99	262	297	V
	2045.75	45.3	ADR	31.7	-45.7	3.09	34.39	68.2	-33.81	-	-	262	297	V
4	* 4022.002	52.6	PK-U	35.2	-41.7	0	46.1	-	-	74	-27.9	110	104	V
	* 4021.275	40.32	ADR	35.2	-41.7	3.09	36.91	54	-17.09	-	-	110	104	V
5	* 11941.076	46.98	PK-U	38.5	-34.5	0	50.98	-	-	74	-23.02	253	193	H
	* 11940.689	35.11	ADR	38.5	-34.6	3.09	42.1	54	-11.9	-	-	253	193	H
6	* 11942.034	47	PK-U	38.5	-34.5	0	51	-	-	74	-23	92	182	V
	* 11940.65	35.28	ADR	38.5	-34.6	3.09	42.27	54	-11.73	-	-	92	182	V

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

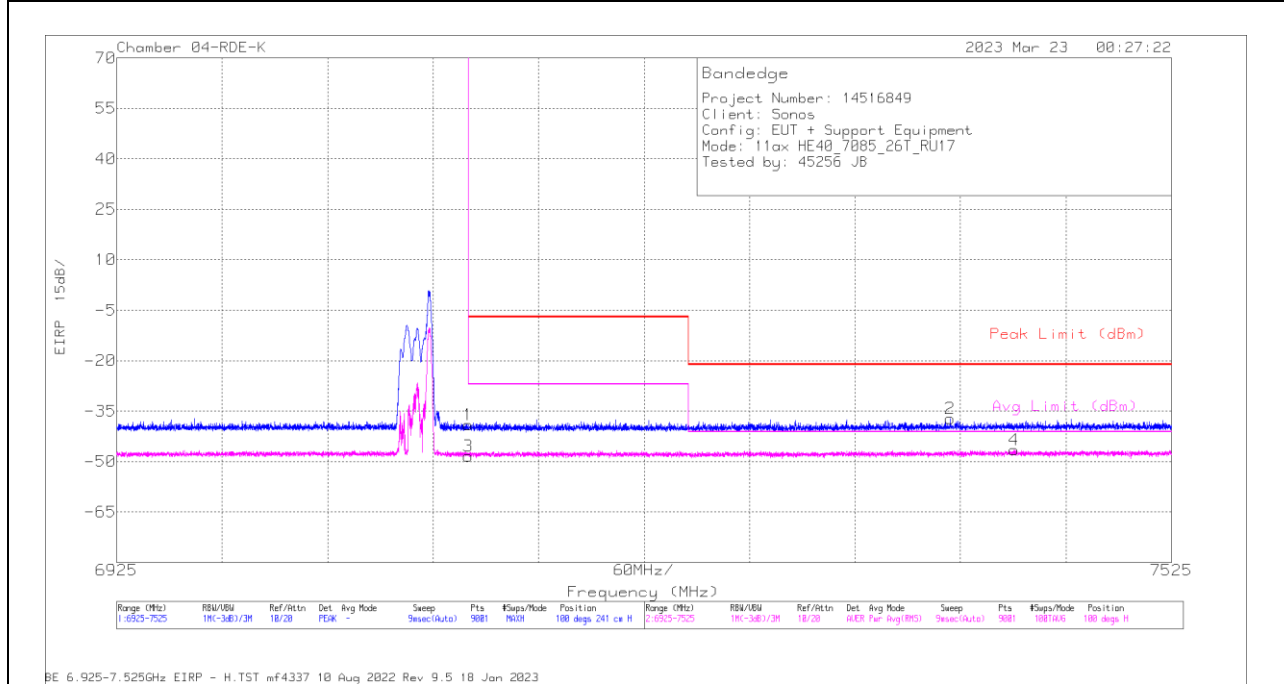
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 17

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

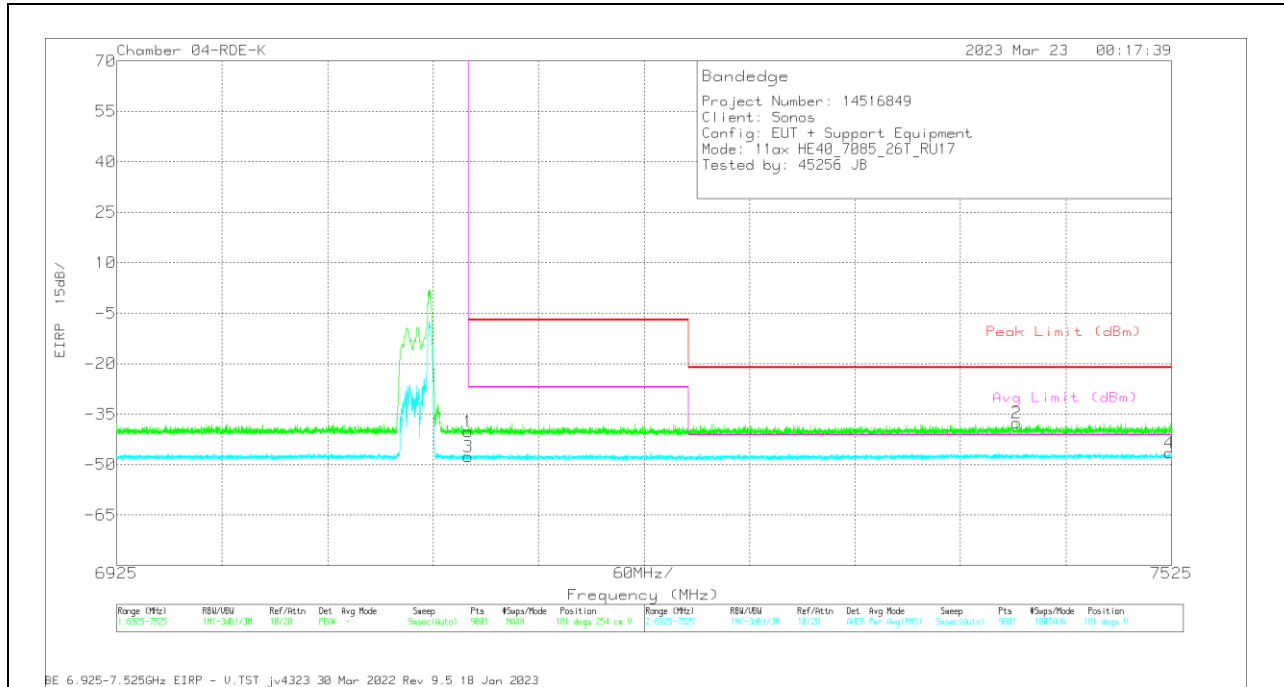
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-57.97	Pk	35.7	-28.7	11.8	0	-39.17	-7	-32.17	-	-	100	241	H
2	* 7399.269	-56.66	Pk	35.7	-28.1	11.8	0	-37.26	-21.2	-16.06	-	-	100	241	H
3	7125	-70.21	RMS	35.7	-28.7	11.8	3.09	-48.32	-	-	-27	-21.32	100	241	H
4	* 7435.603	-68.88	RMS	35.7	-28.1	11.8	3.09	-46.39	-	-	-41.2	-5.19	100	241	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



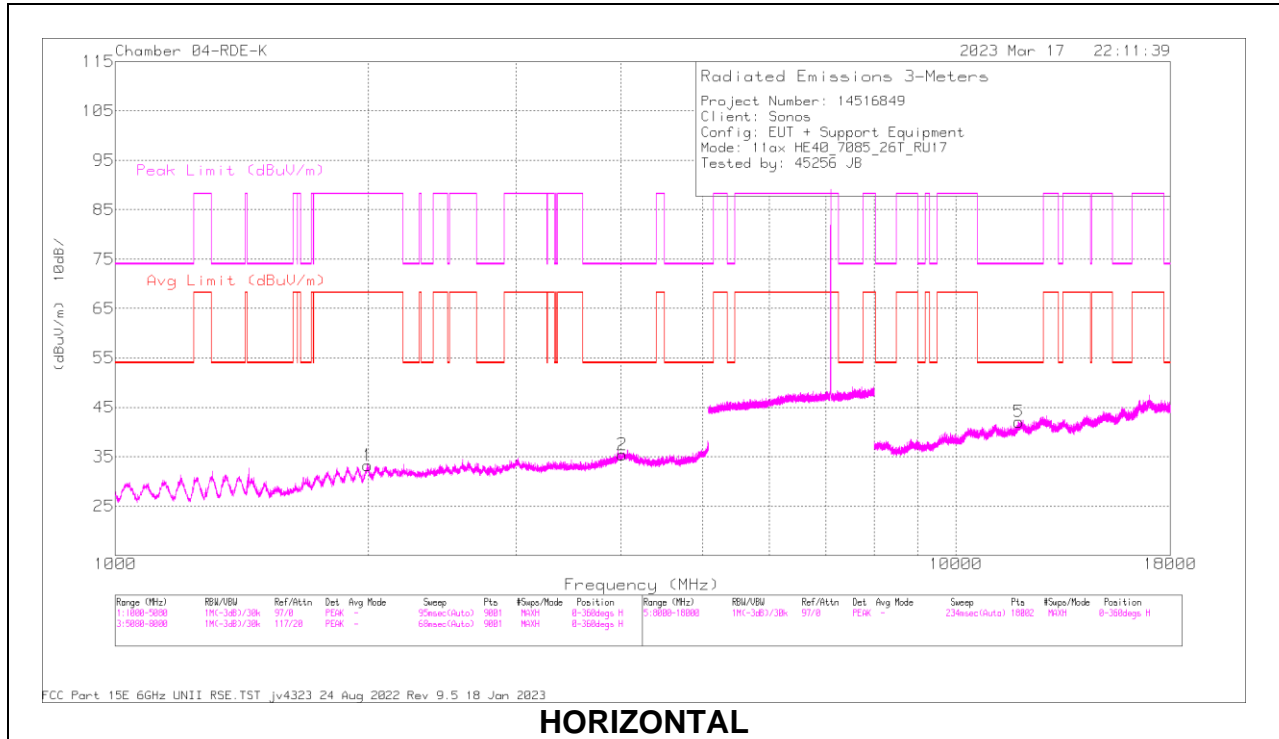
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-58.93	Pk	35.7	-28.7	11.8	0	-40.13	-7	-33.13	-	-	181	254	V
2	* 7437.003	-57.04	Pk	35.7	-28.1	11.8	0	-37.64	-21.2	-16.44	-	-	181	254	V
3	7125	-69.4	RMS	35.7	-28.7	11.8	3.09	-47.51	-	-	-27	-20.51	181	254	V
4	* 7524.003	-68.98	RMS	35.7	-28	11.8	3.09	-46.39	-	-	-41.2	-5.19	181	254	V

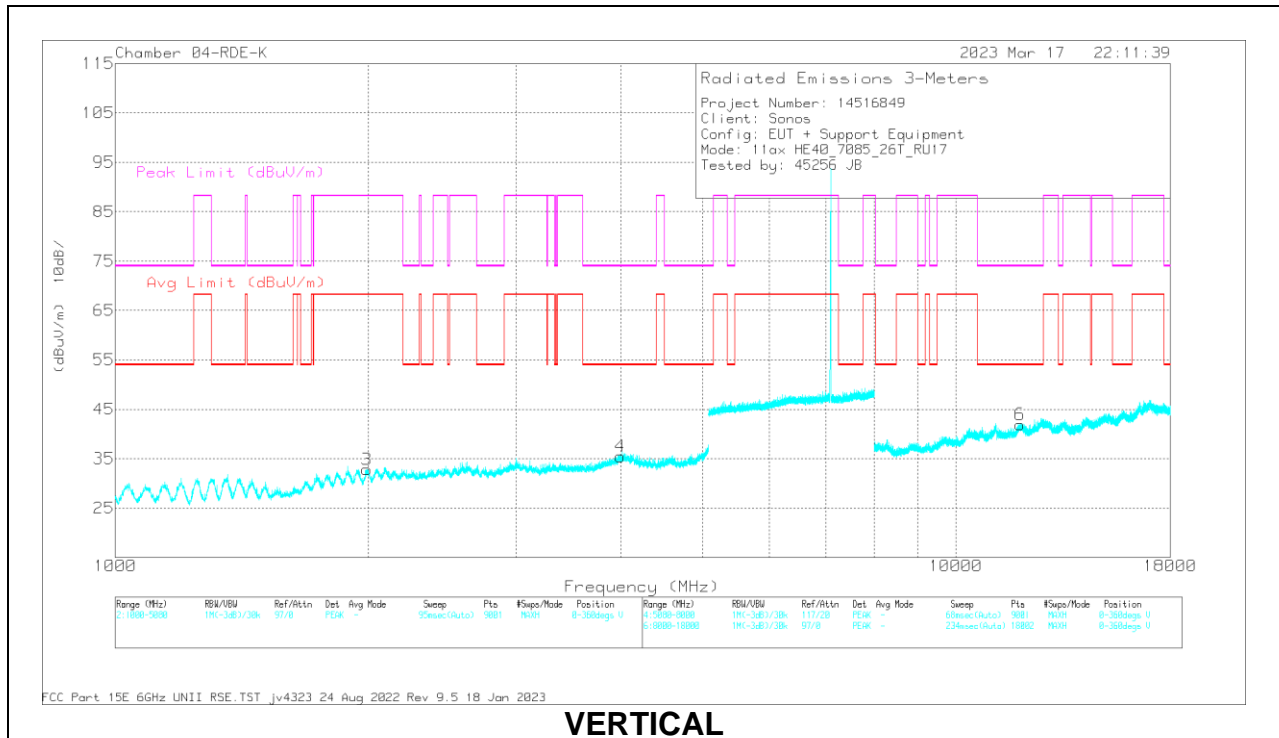
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1993.766	56.94	PK-U	31.6	-45.5	0	43.04	-	-	88.2	-45.16	71	144	H
	1994.888	45.18	ADR	31.6	-45.6	3.09	34.27	68.2	-33.93	-	-	71	144	H
2	* 4010.698	52.05	PK-U	35.2	-41.6	0	46.65	-	-	74	-28.35	341	340	H
	* 4009.455	40.22	ADR	35.2	-41.6	3.09	36.91	54	-17.09	-	-	341	340	H
3	1992.118	56.96	PK-U	31.6	-45.4	0	43.16	-	-	88.2	-45.04	329	250	V
	1991.589	44.99	ADR	31.6	-45.4	3.09	34.28	68.2	-33.92	-	-	329	250	V
4	* 3993.515	52.27	PK-U	35.1	-41.6	0	45.77	-	-	74	-28.23	281	138	V
	* 3991.368	40.08	ADR	35	-41.7	3.09	36.47	54	-17.53	-	-	281	138	V
5	* 11894.581	47.65	PK-U	38.5	-34.8	0	51.35	-	-	74	-22.65	16	214	H
	* 11895.187	35.45	ADR	38.5	-34.8	3.09	42.24	54	-11.76	-	-	16	214	H
6	* 11921.998	47.38	PK-U	38.5	-34.8	0	51.08	-	-	74	-22.92	347	329	V
	* 11921.256	35.61	ADR	38.5	-34.8	3.09	42.4	54	-11.6	-	-	347	329	V

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

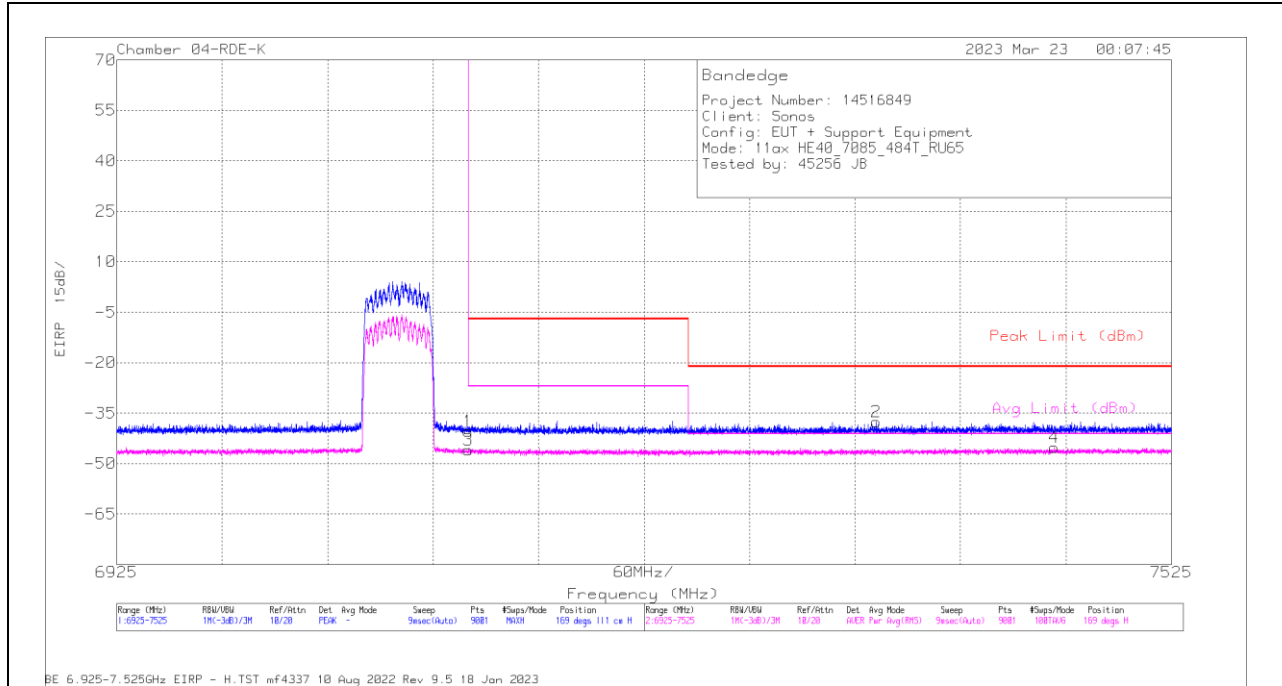
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 4 OFDMA MODE: 484-Tones, RU Index 65

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

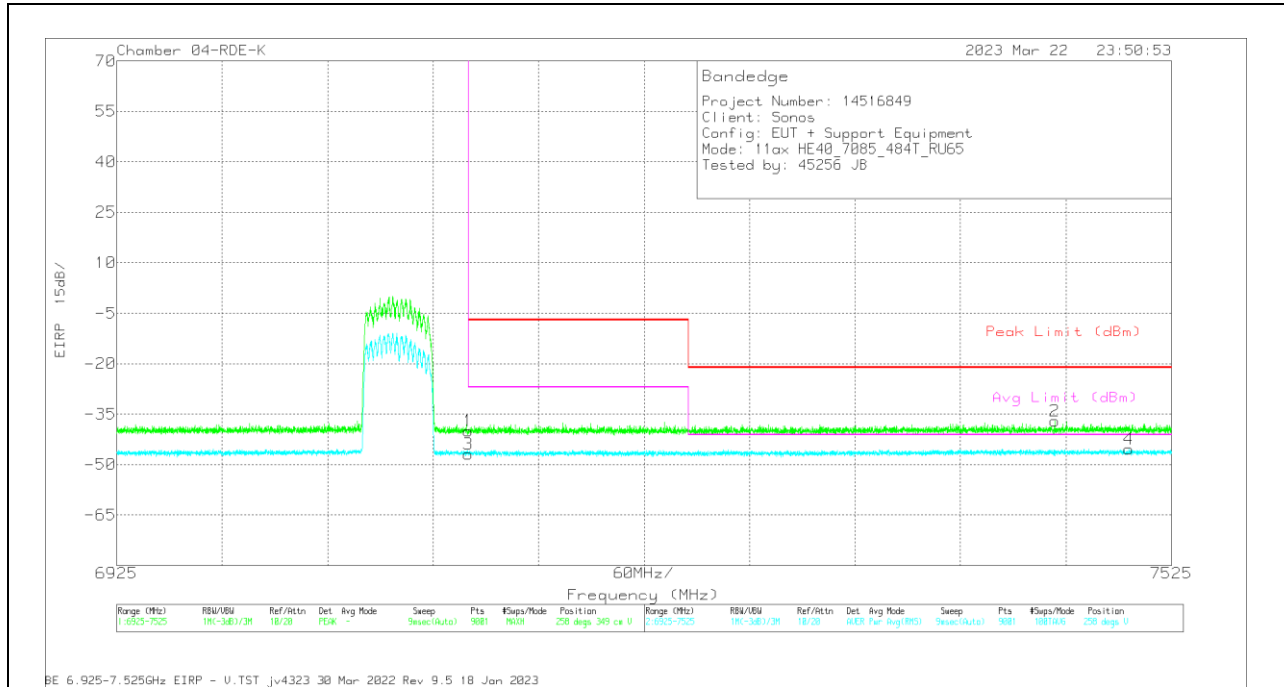
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-59.17	Pk	35.7	-28.7	11.8	0	-40.37	-7	-33.37	-	-	169	111	H
2	* 7356.935	-56.74	Pk	35.7	-28.3	11.8	0	-37.54	-21.2	-16.34	-	-	169	111	H
3	7125	-68.94	RMS	35.7	-28.7	11.8	4.24	-45.9	-	-	-27	-18.9	169	111	H
4	* 7458.469	-68.92	RMS	35.7	-28.1	11.8	4.24	-45.28	-	-	-41.2	-4.08	169	111	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



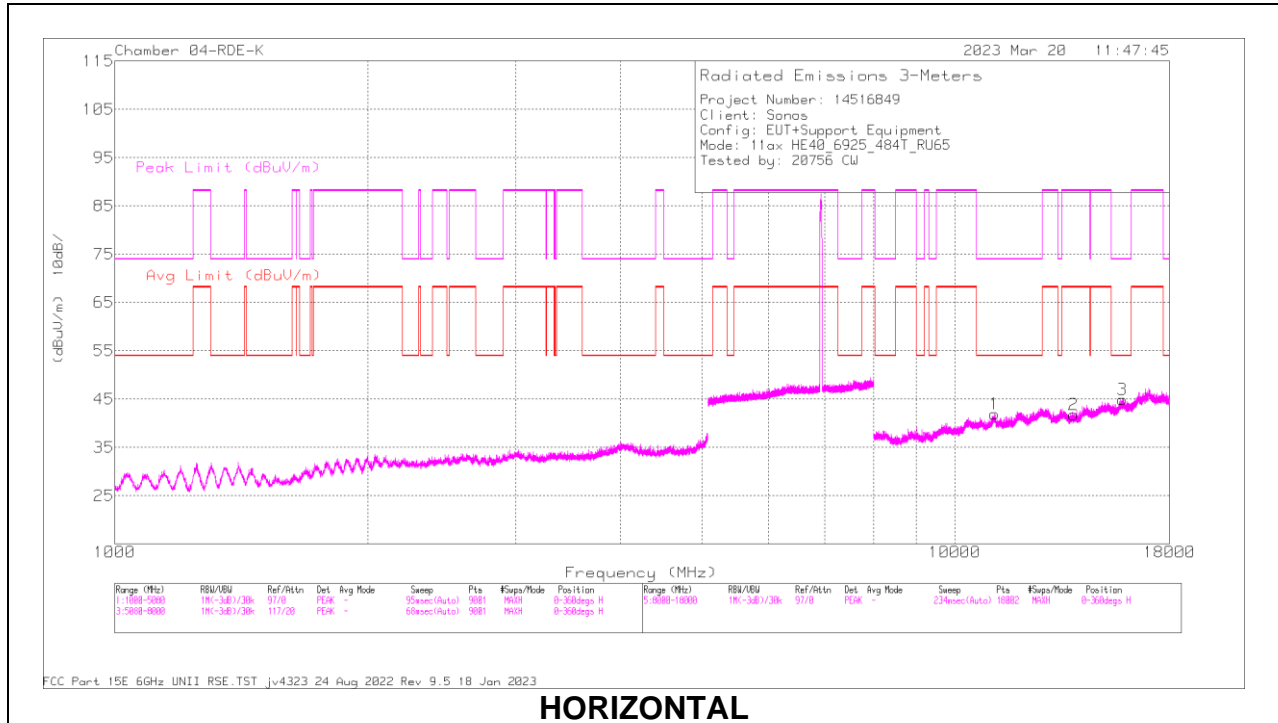
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-58.9	Pk	35.7	-28.7	11.8	0	-40.1	-7	-33.1	-	-	258	349	V
2	* 7458.736	-56.48	Pk	35.7	-28.1	11.8	0	-37.08	-21.2	-15.88	-	-	258	349	V
3	7125	-69.99	RMS	35.7	-28.7	11.8	4.24	-46.95	-	-	-27	-19.95	258	349	V
4	* 7500.67	-69.05	RMS	35.7	-28	11.8	4.24	-45.31	-	-	-41.2	-4.11	258	349	V

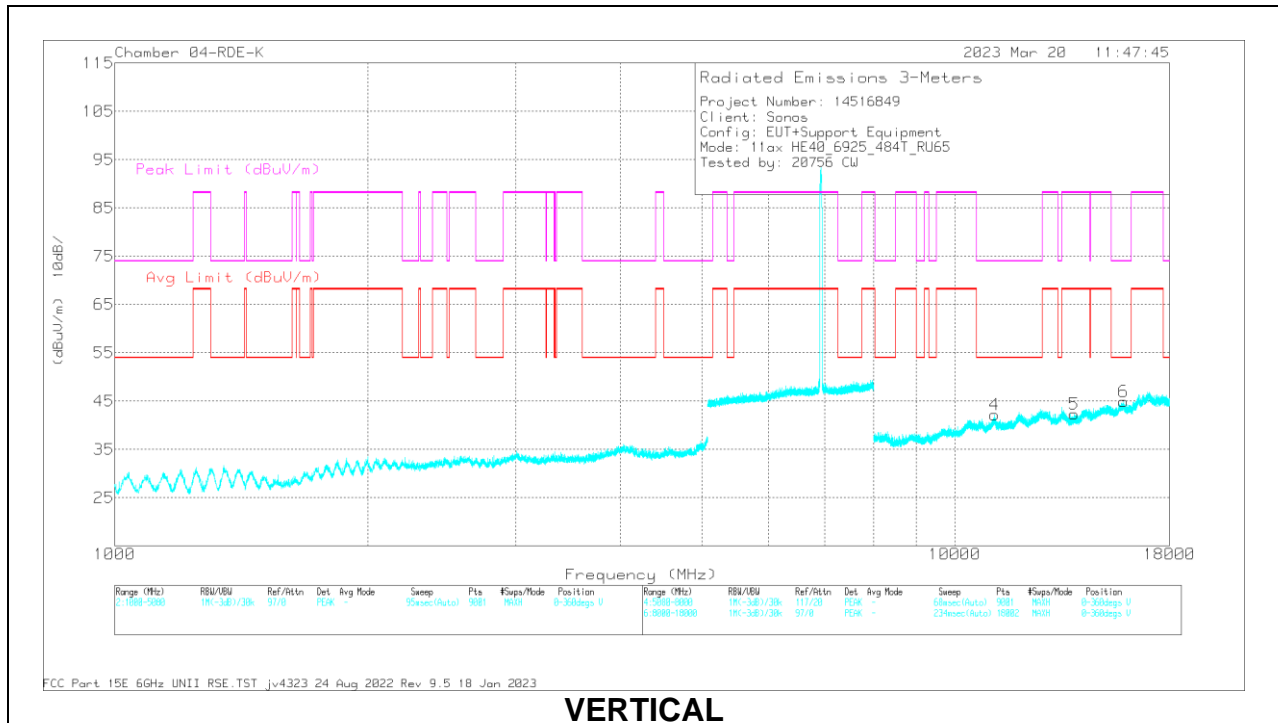
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

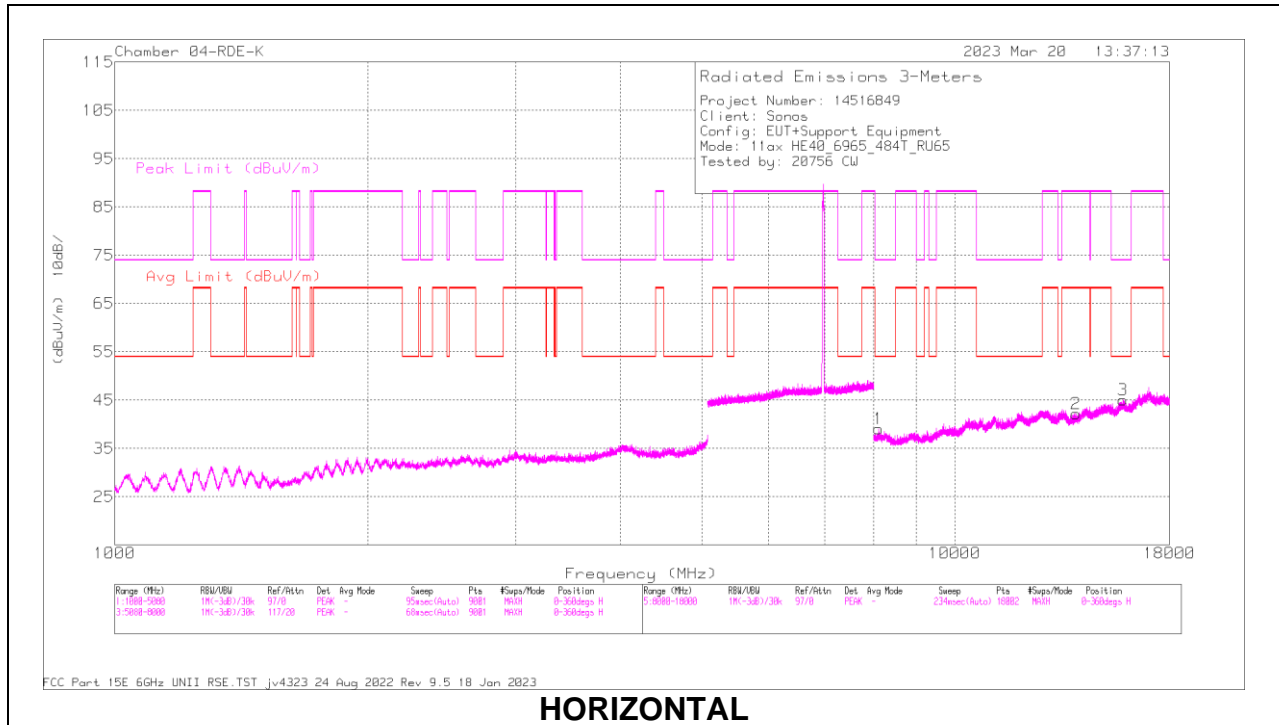
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11149.908	48.68	PK-U	38	-35.6	0	51.08	-	-	74	-22.92	47	267	H
	* 11149.893	36.62	ADR	38	-35.6	4.24	43.26	54	-10.74	-	-	47	267	H
2	13843.191	47.15	PK-U	38.8	-34.7	0	51.25	-	-	88.2	-36.95	232	231	H
	13843.056	35.39	ADR	38.8	-34.7	4.24	43.73	68.2	-24.47	-	-	232	231	H
3	* 15835.009	47.87	PK-U	40.2	-33.3	0	54.77	-	-	74	-19.23	330	355	H
	* 15835.076	35.52	ADR	40.2	-33.3	4.24	46.66	54	-7.34	-	-	330	355	H
4	* 11142.181	48.97	PK-U	38	-35.8	0	51.17	-	-	74	-22.83	89	138	V
	* 11144.111	36.7	ADR	38	-35.7	4.24	43.24	54	-10.76	-	-	89	138	V
5	13863.77	47.76	PK-U	38.9	-34.8	0	51.86	-	-	88.2	-36.34	353	202	V
	13863.883	35.6	ADR	38.9	-34.8	4.24	43.94	68.2	-24.26	-	-	353	202	V
6	* 15889.295	47.41	PK-U	40.2	-33.2	0	54.41	-	-	74	-19.59	313	299	V
	* 15889.648	35.17	ADR	40.2	-33.2	4.24	46.41	54	-7.39	-	-	313	299	V

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

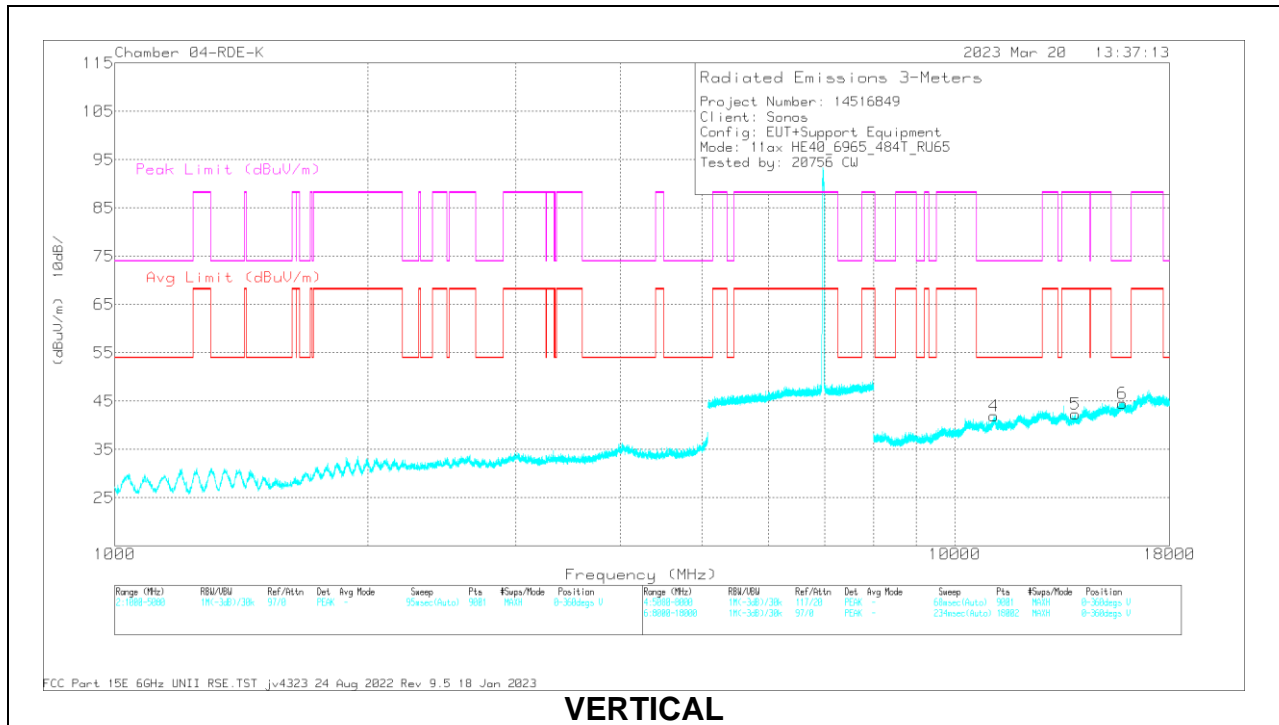
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

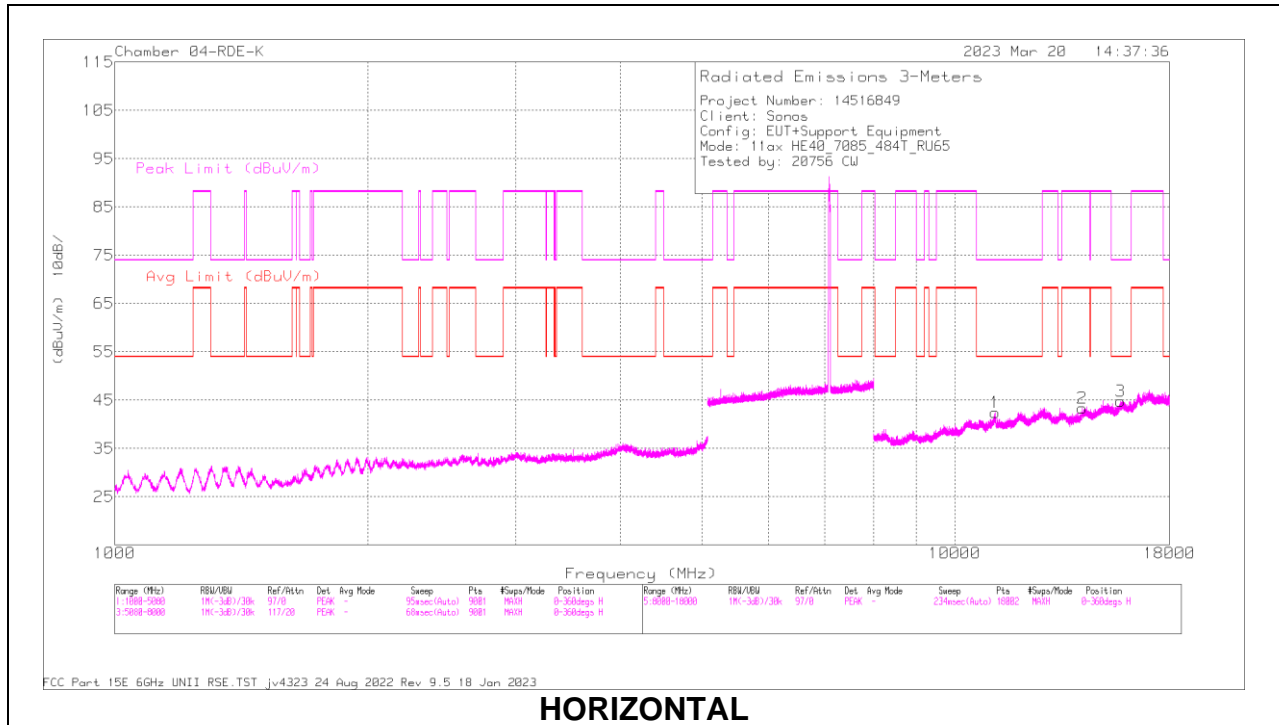
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8112.071	49.52	PK-U	35.9	-37.3	0	48.12	-	-	74	-25.88	284	199	H
	* 8113.382	37.56	ADR	35.9	-37.3	4.24	40.4	54	-13.6	-	-	284	199	H
2	13946.465	47.78	PK-U	39	-35.1	0	51.68	-	-	88.2	-36.52	209	171	H
	13946.583	35.75	ADR	39	-35.1	4.24	43.89	68.2	-24.31	-	-	209	171	H
3	* 15851.683	47.39	PK-U	40.2	-33.3	0	54.29	-	-	74	-19.71	350	308	H
	* 15851.743	35.39	ADR	40.2	-33.3	4.24	46.53	54	-7.47	-	-	350	308	H
4	* 11136.643	48.87	PK-U	38	-36	0	50.87	-	-	74	-23.13	12	164	V
	* 11135.139	36.82	ADR	38	-35.9	4.24	43.16	54	-10.84	-	-	12	164	V
5	13918.497	47.77	PK-U	38.9	-34.9	0	51.77	-	-	88.2	-36.43	347	317	V
	13918.385	35.77	ADR	38.9	-34.9	4.24	44.01	68.2	-24.19	-	-	347	317	V
6	* 15819.452	48.26	PK-U	40.2	-33.4	0	55.06	-	-	74	-18.94	181	290	V
	* 15819.489	35.42	ADR	40.2	-33.4	4.24	46.46	54	-7.54	-	-	181	290	V

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

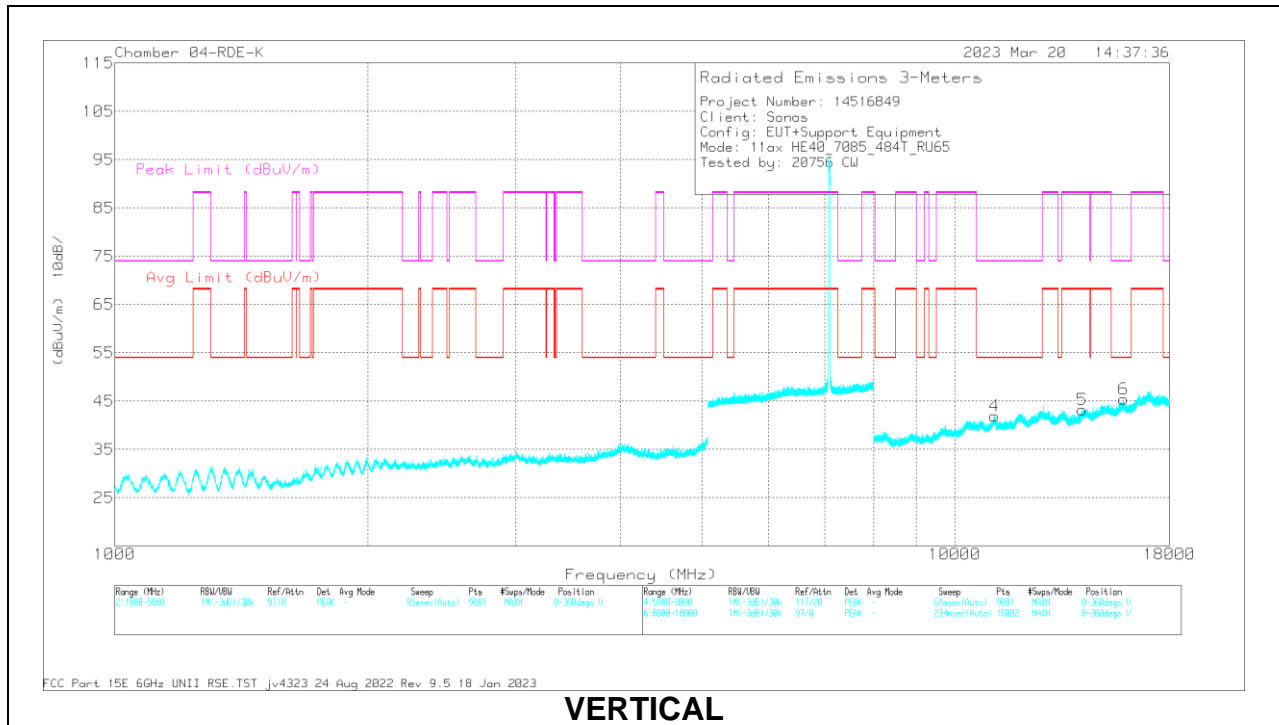
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Filtr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11155.494	48.58	PK-U	38	-35.4	0	51.18	-	-	74	-22.82	225	370	H
	* 11155.481	36.64	ADR	38	-35.4	4.24	43.48	54	-10.52	-	-	225	370	H
2	14177.04	48.31	PK-U	39.2	-34.5	0	53.01	-	-	88.2	-35.19	93	254	H
	14176.776	35.96	ADR	39.2	-34.5	4.24	44.9	68.2	-23.3	-	-	93	254	H
3	* 15734.185	47.71	PK-U	40.1	-33.5	0	54.31	-	-	74	-19.69	105	295	H
	* 15734.354	35.31	ADR	40.1	-33.5	4.24	46.15	54	-7.85	-	-	105	295	H
4	* 11148.431	48.75	PK-U	38	-35.6	0	51.15	-	-	74	-22.85	199	197	V
	* 11149.657	36.74	ADR	38	-35.6	4.24	43.38	54	-10.62	-	-	199	197	V
5	14172.029	48.49	PK-U	39.2	-34.5	0	53.19	-	-	88.2	-35.01	132	166	V
	14172.258	36.05	ADR	39.2	-34.5	4.24	44.99	68.2	-23.21	-	-	132	166	V
6	* 15869.909	47.99	PK-U	40.2	-33.1	0	55.09	-	-	74	-18.91	74	114	V
	* 15869.959	35.41	ADR	40.2	-33	4.24	46.85	54	-7.15	-	-	74	114	V

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

PK-U - U-NII: Maximum Peak

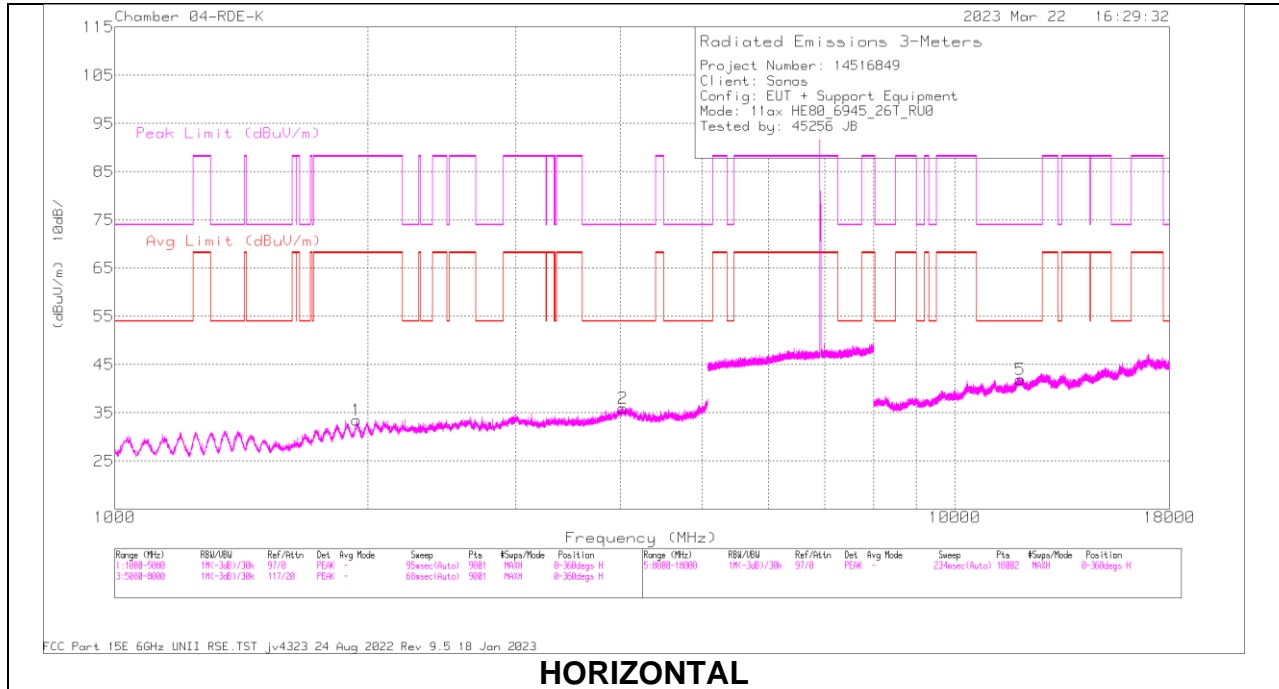
ADR - U-NII AD primary method, RMS average

10.1.12. TX ABOVE 1 GHz 802.11ax HE80 MODE IN THE UNII-8 BAND

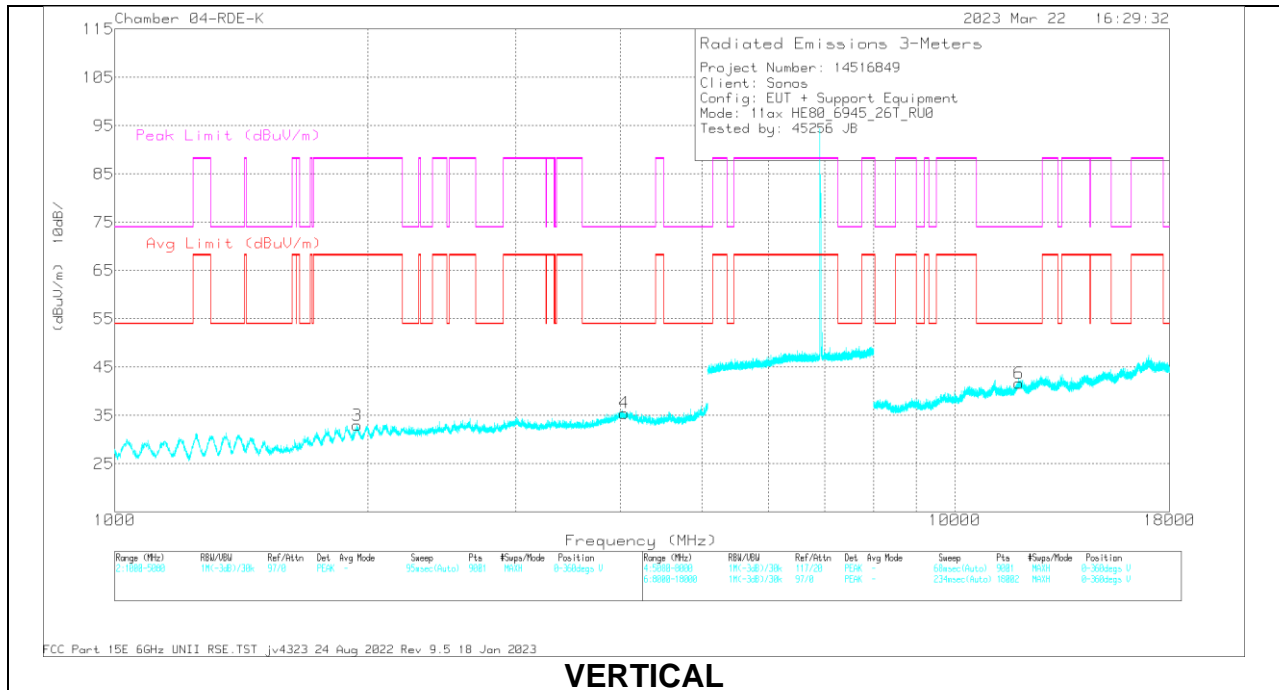
2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1940.722	56.98	PK-U	31.4	-45.1	0	43.28	-	-	88.2	-44.92	8	305	H
	1939.132	45.2	ADR	31.3	-45.3	3.12	34.32	68.2	-33.88	-	-	8	305	H
2	* 4027.86	52.16	PK-U	35.2	-41.6	0	45.76	-	-	74	-28.24	98	175	H
	* 4026.557	40.42	ADR	35.2	-41.7	3.12	37.04	54	-16.96	-	-	98	175	H
3	1944.523	57.21	PK-U	31.4	-45.4	0	43.21	-	-	88.2	-44.99	358	379	V
	1945.436	45.08	ADR	31.4	-45.4	3.12	34.2	68.2	-34	-	-	358	379	V
4	* 4038.605	52.19	PK-U	35.2	-41.6	0	45.79	-	-	74	-28.21	344	352	V
	* 4036.546	40.26	ADR	35.2	-41.6	3.12	36.98	54	-17.02	-	-	344	352	V
5	* 11965.347	47.23	PK-U	38.6	-34.4	0	51.43	-	-	74	-22.57	299	339	H
	* 11966.974	35.14	ADR	38.6	-34.4	3.12	42.46	54	-11.54	-	-	299	339	H
6	* 11928.072	47.52	PK-U	38.5	-34.8	0	51.22	-	-	74	-22.78	216	271	V
	* 11925.477	35.46	ADR	38.5	-34.8	3.12	42.28	54	-11.72	-	-	216	271	V

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

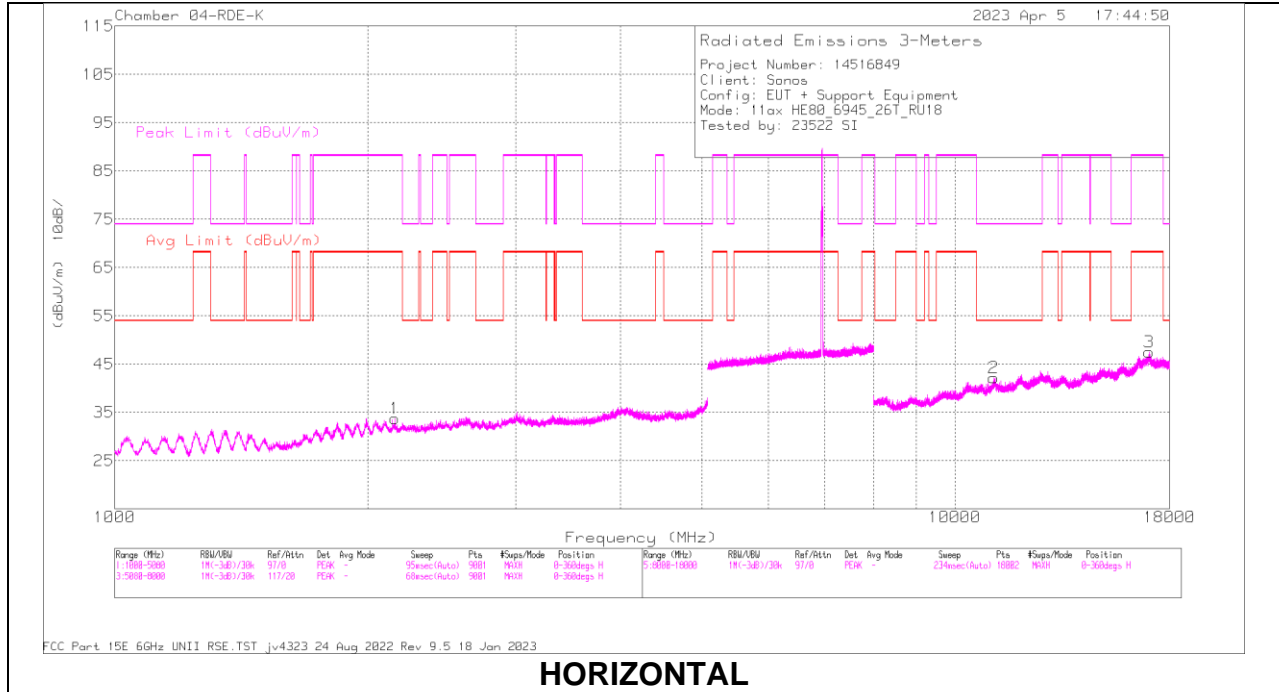
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

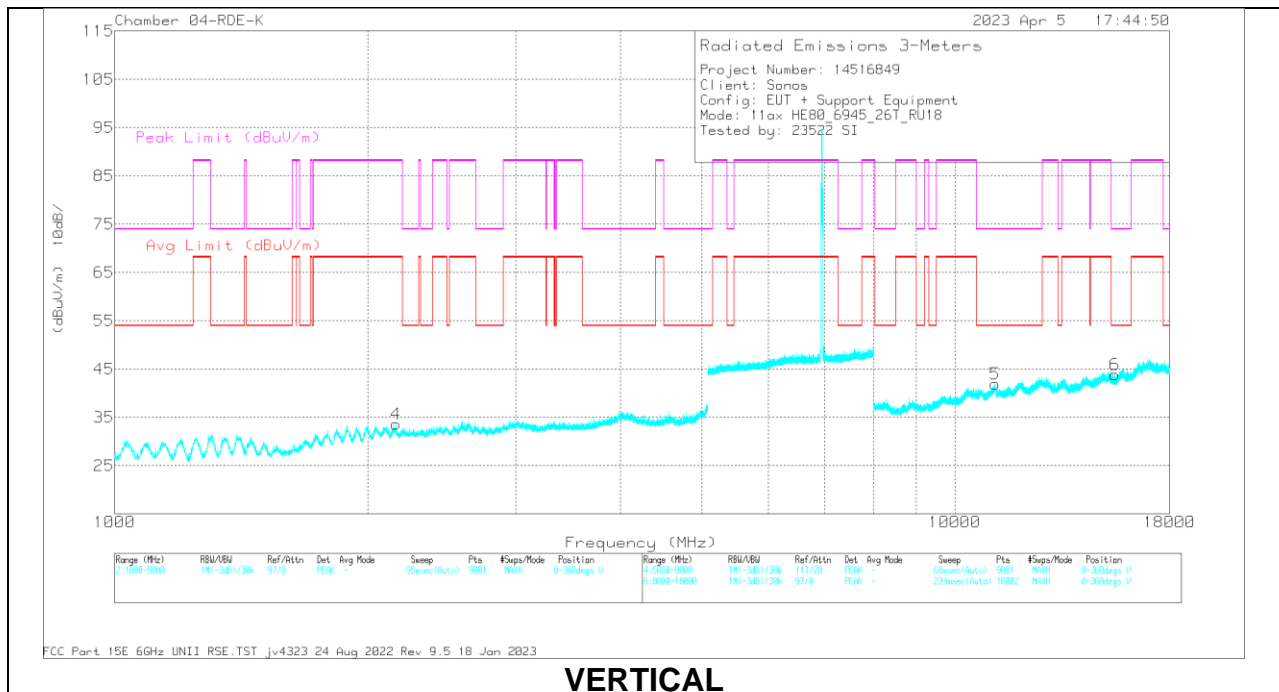
2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 18

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2155.735	57.07	PK-U	31.5	-45.3	0	43.27	-	-	88.2	-44.93	96	210	H
	2152.8	44.69	ADR	31.5	-45.3	3.12	34.01	68.2	-34.19	-	-	96	210	H
4	2160.614	56.59	PK-U	31.5	-45.3	0	42.79	-	-	88.2	-45.41	26	382	V
	2161.335	44.67	ADR	31.5	-45.3	3.12	33.99	68.2	-34.21	-	-	26	382	V
2	* 11116.617	48.5	PK-U	38	-36.1	0	50.4	-	-	74	-23.6	235	296	H
	* 11117.711	36.72	ADR	38	-36.1	3.12	41.74	54	-12.26	-	-	235	296	H
3	17019.899	46.67	PK-U	41.6	-32.3	0	55.97	-	-	88.2	-32.23	165	329	H
	17022.522	34.54	ADR	41.6	-32.4	3.12	46.86	68.2	-21.34	-	-	165	329	H
5	* 11169.684	48.42	PK-U	38	-35.2	0	51.22	-	-	74	-22.78	174	382	V
	* 11170.477	36.4	ADR	38	-35.2	3.12	42.32	54	-11.68	-	-	174	382	V
6	* 15505.221	46.02	PK-U	40	-33.5	0	52.52	-	-	74	-21.48	58	177	V
	* 15503.456	34.07	ADR	40	-33.5	3.12	43.69	54	-10.31	-	-	58	177	V

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

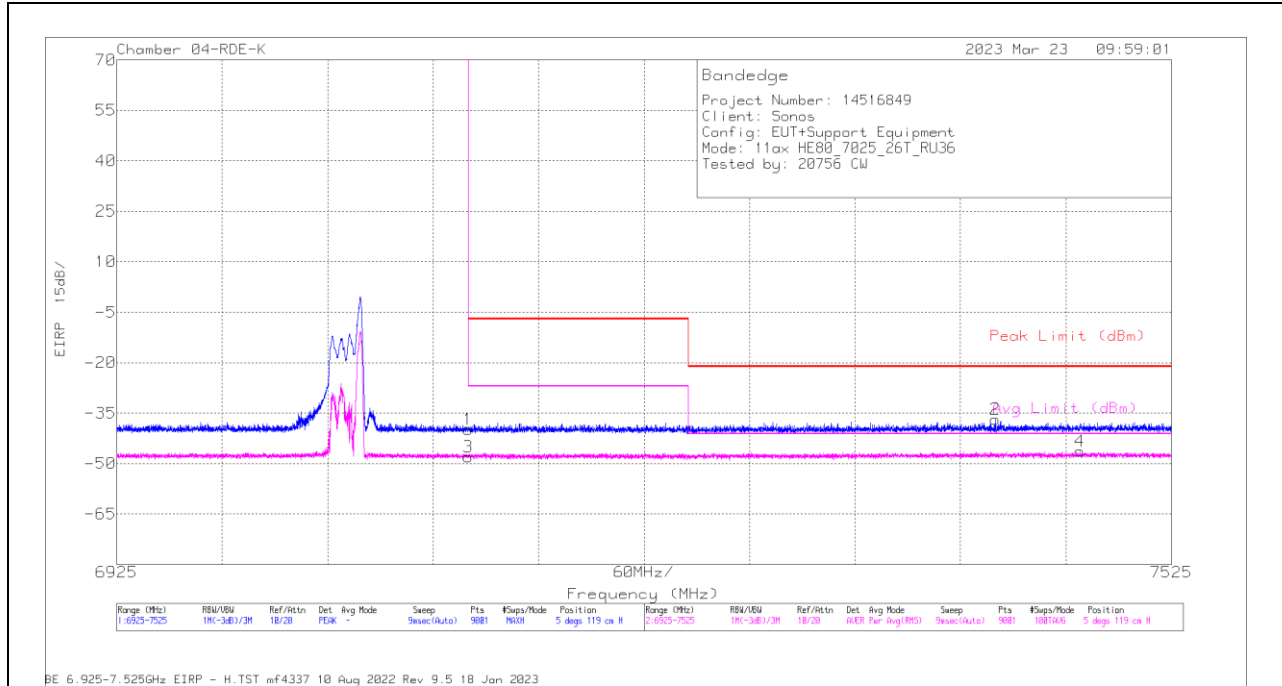
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 36

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

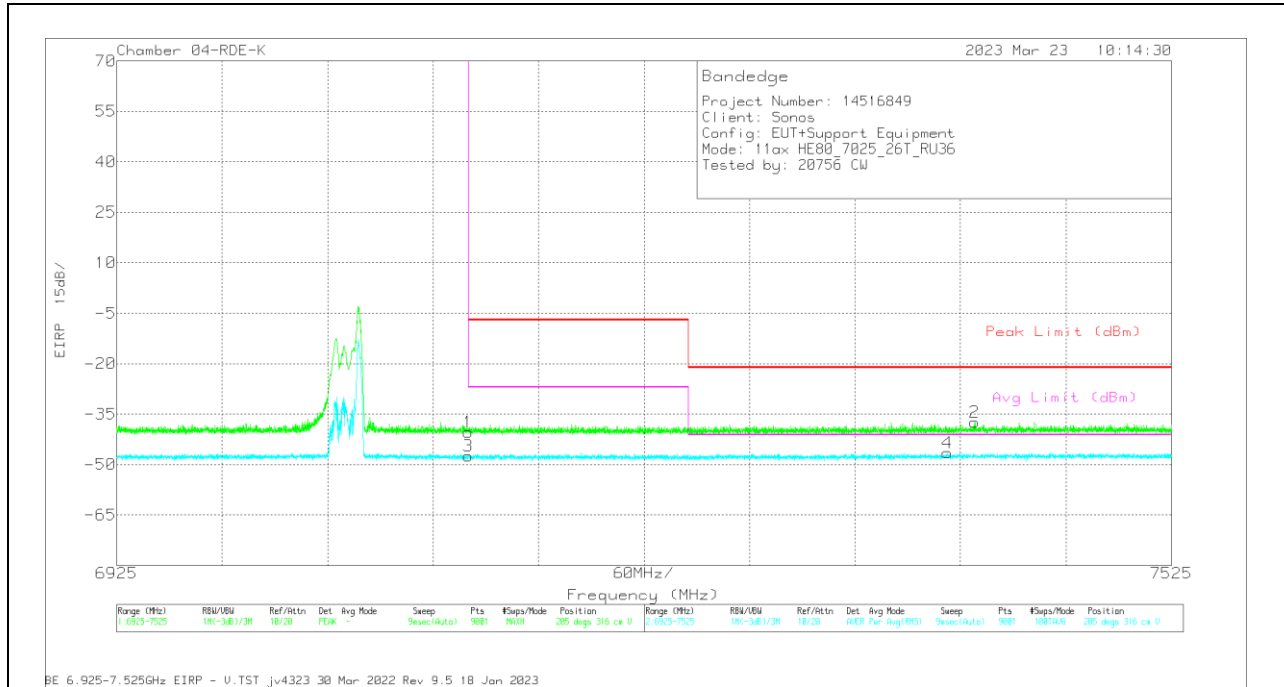
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-58.64	Pk	35.7	-28.7	11.8	0	-39.84	-7	-32.84	-	-	5	119	H
2	* 7424.669	-56.31	Pk	35.7	-28.1	11.8	0	-36.91	-21.2	-15.71	-	-	5	119	H
3	7125	-69.91	RMS	35.7	-28.7	11.8	3.12	-47.99	-	-	-27	-20.99	5	119	H
4	* 7472.869	-69.05	RMS	35.7	-28	11.8	3.12	-46.43	-	-	-41.2	-5.23	5	119	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



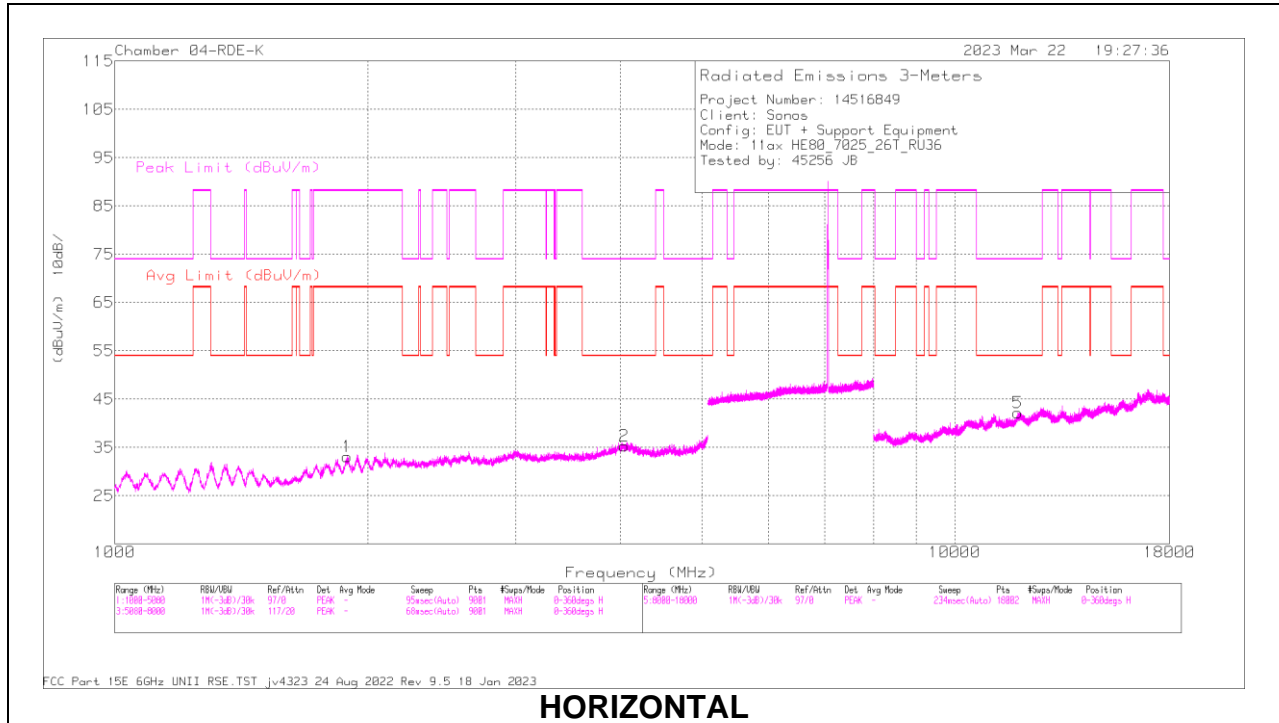
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-59.18	Pk	35.7	-28.7	11.8	0	-40.38	-7	-33.38	-	-	205	316	V
2	* 7413.202	-56.75	Pk	35.7	-28.1	11.8	0	-37.35	-21.2	-16.15	-	-	205	316	V
3	7125	-69.45	RMS	35.7	-28.7	11.8	3.12	-47.53	-	-	-27	-20.53	205	316	V
4	* 7397.536	-69.01	RMS	35.7	-28.1	11.8	3.12	-46.49	-	-	-41.2	-5.29	205	316	V

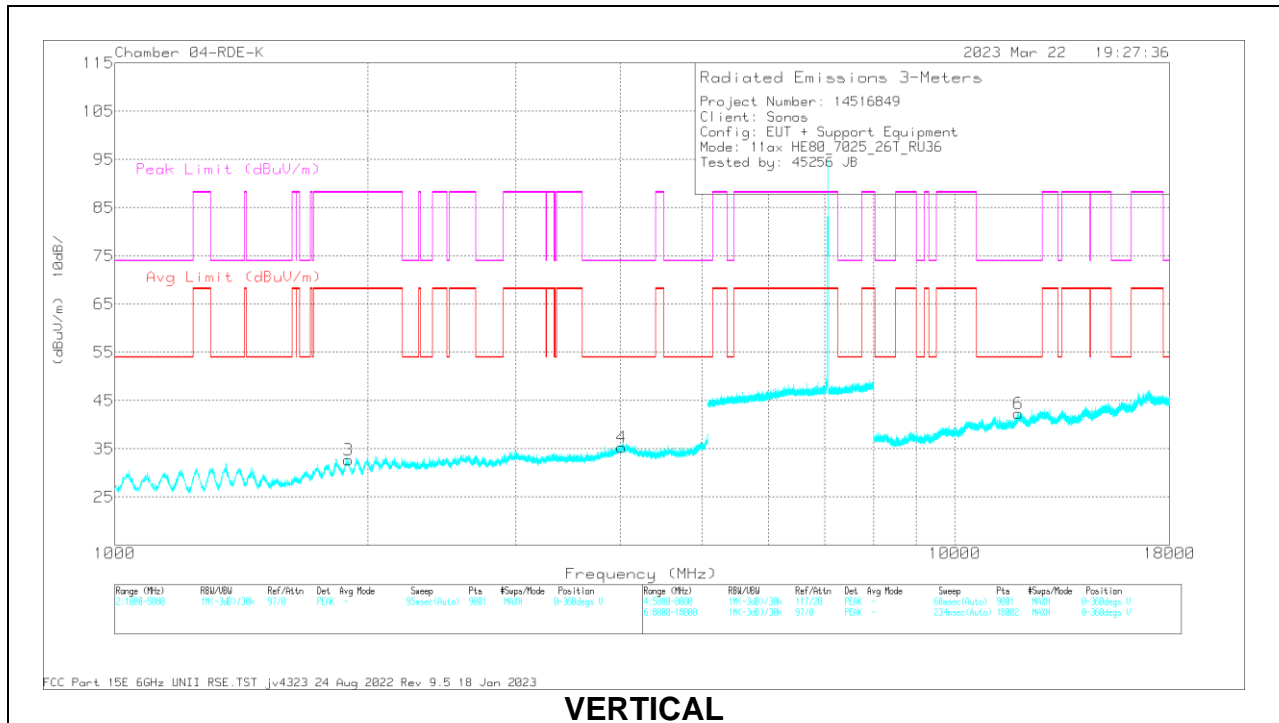
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1890.673	57.33	PK-U	31	-45.5	0	42.83	-	-	88.2	-45.37	82	273	H
	1892.604	45.38	ADR	31.1	-45.6	3.12	34	68.2	-34.2	-	-	82	273	H
2	* 4036.819	52.27	PK-U	35.2	-41.6	0	45.87	-	-	74	-28.13	342	289	H
	* 4036.604	40.06	ADR	35.2	-41.6	3.12	36.78	54	-17.22	-	-	342	289	H
3	1892.579	57.36	PK-U	31.1	-45.6	0	42.86	-	-	88.2	-45.34	82	141	V
	1892.394	45.3	ADR	31.1	-45.7	3.12	33.82	68.2	-34.38	-	-	82	141	V
4	* 4013.155	52.19	PK-U	35.2	-41.6	0	45.79	-	-	74	-28.21	341	315	V
	* 4013.039	40.23	ADR	35.2	-41.6	3.12	36.95	54	-17.05	-	-	341	315	V
5	* 11881.501	47.67	PK-U	38.4	-35	0	51.07	-	-	74	-22.93	263	210	H
	* 11882.197	35.47	ADR	38.4	-34.9	3.12	42.09	54	-11.91	-	-	263	210	H
6	* 11898.031	47.13	PK-U	38.5	-34.8	0	50.83	-	-	74	-23.17	170	274	V
	* 11896.099	35.41	ADR	38.5	-34.8	3.12	42.23	54	-11.77	-	-	170	274	V

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

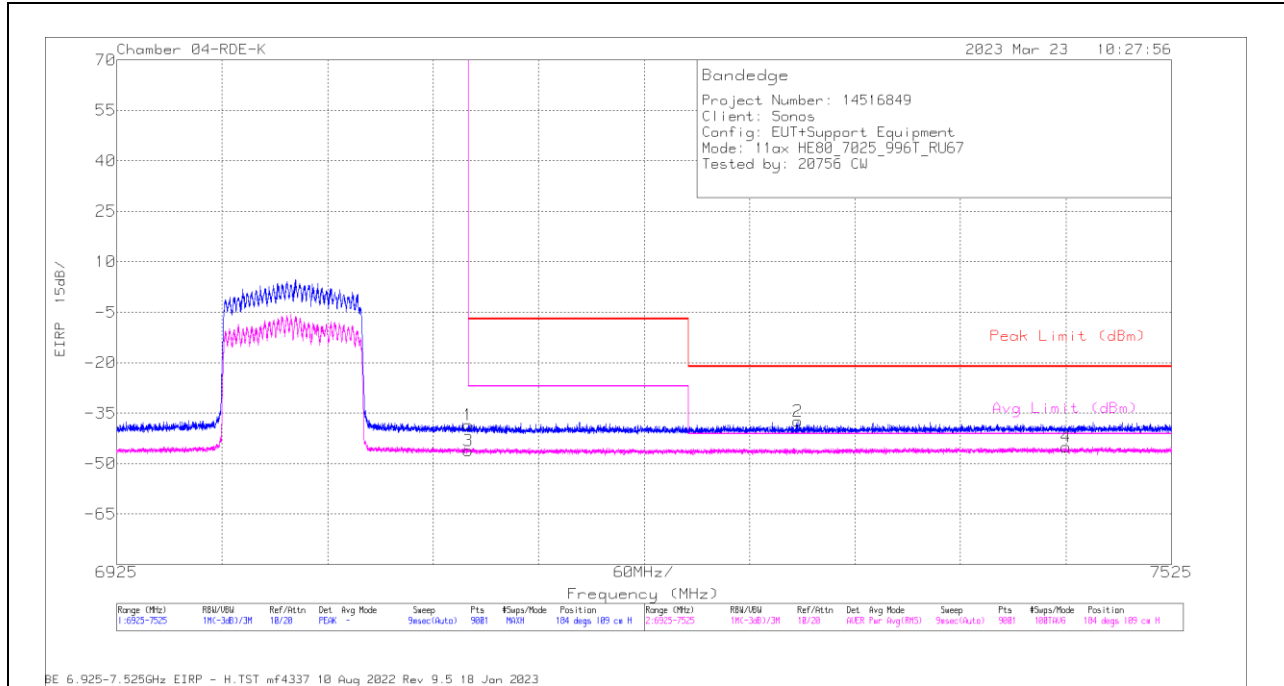
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

2TX Antenna 3 + Antenna 4 OFDMA MODE: 996-Tones, RU Index 67

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

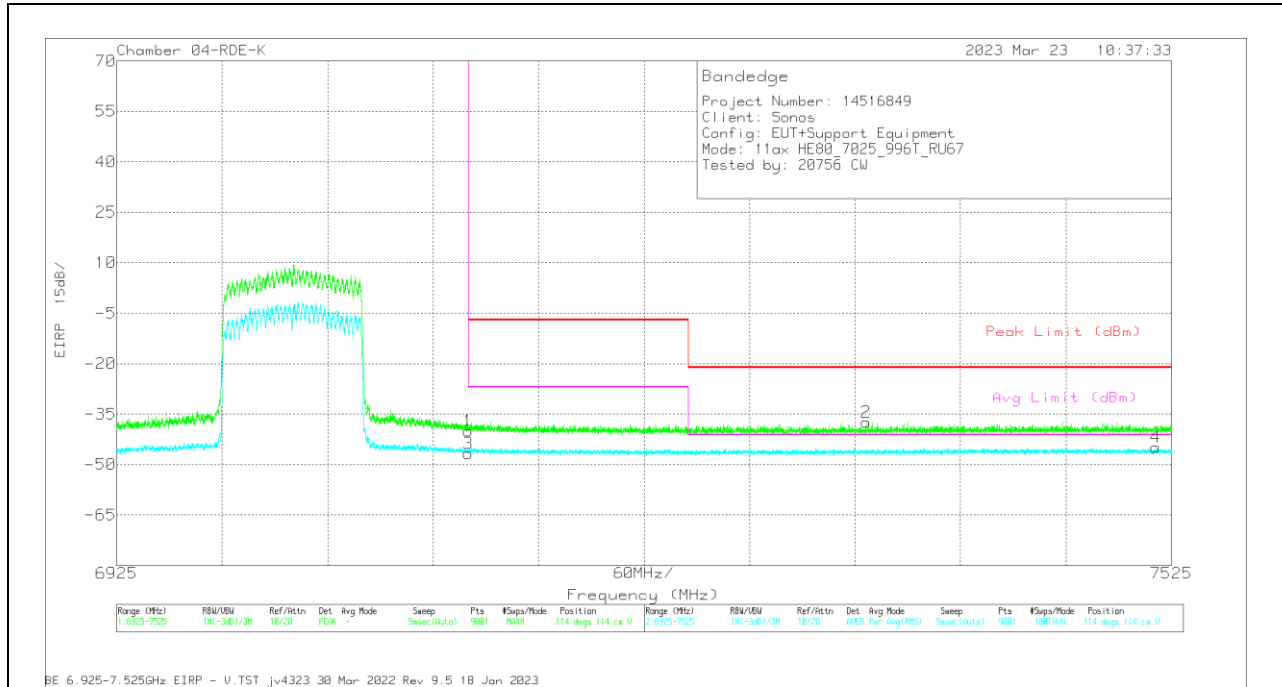


Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-57.34	Pk	35.7	-28.7	11.8	0	-38.54	-7	-31.54	-	-	184	109	H
2	* 7312.402	-56.57	Pk	35.7	-28.4	11.8	0	-37.47	-21.2	-16.27	-	-	184	109	H
3	7125	-69.55	RMS	35.7	-28.7	11.8	4.53	-46.22	-	-	-27	-19.22	184	109	H
4	* 7465.069	-68.9	RMS	35.7	-28.1	11.8	4.53	-44.97	-	-	-41.2	-3.77	184	109	H

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

VERTICAL RESULT



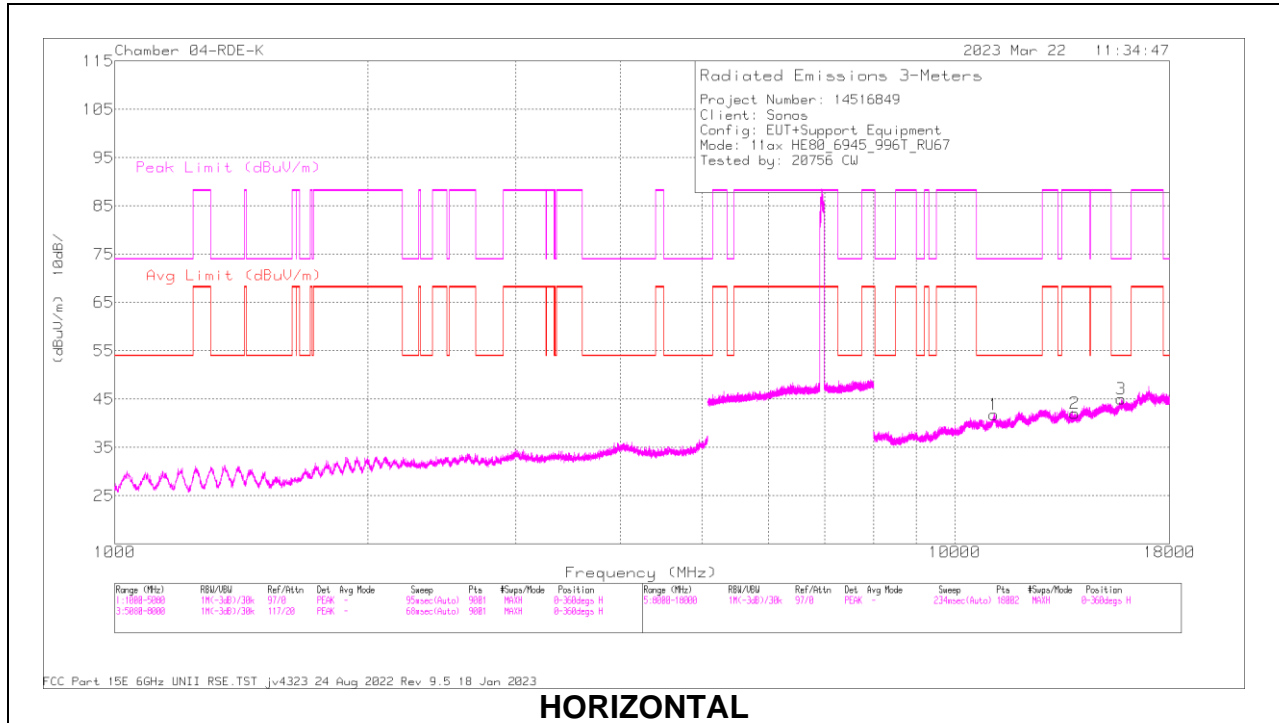
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DCCF (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-58.85	Pk	35.7	-28.7	11.8	0	-40.05	-7	-33.05	-	-	114	114	V
2	* 7351.469	-56.63	Pk	35.7	-28.2	11.8	0	-37.33	-21.2	-16.13	-	-	114	114	V
3	7125	-70.04	RMS	35.7	-28.7	11.8	4.53	-46.71	-	-	-27	-19.71	114	114	V
4	* 7516.203	-68.75	RMS	35.7	-28.1	11.8	4.53	-44.82	-	-	-41.2	-3.62	114	114	V

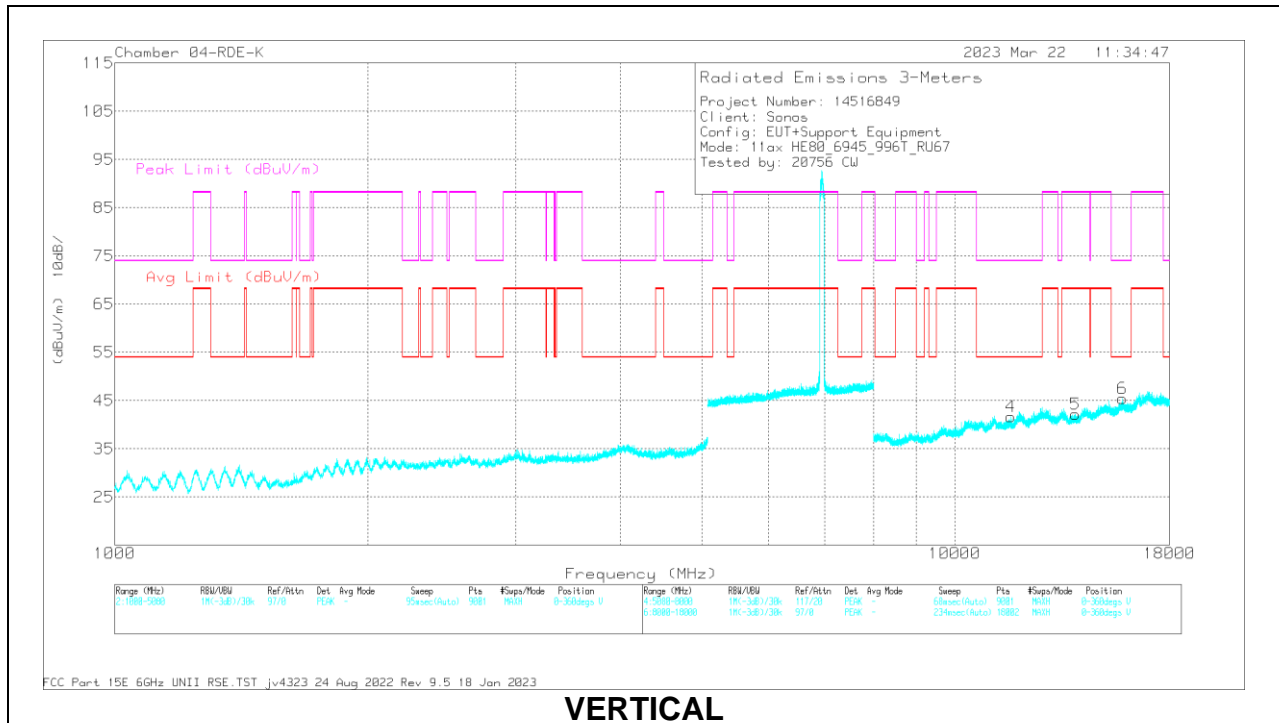
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

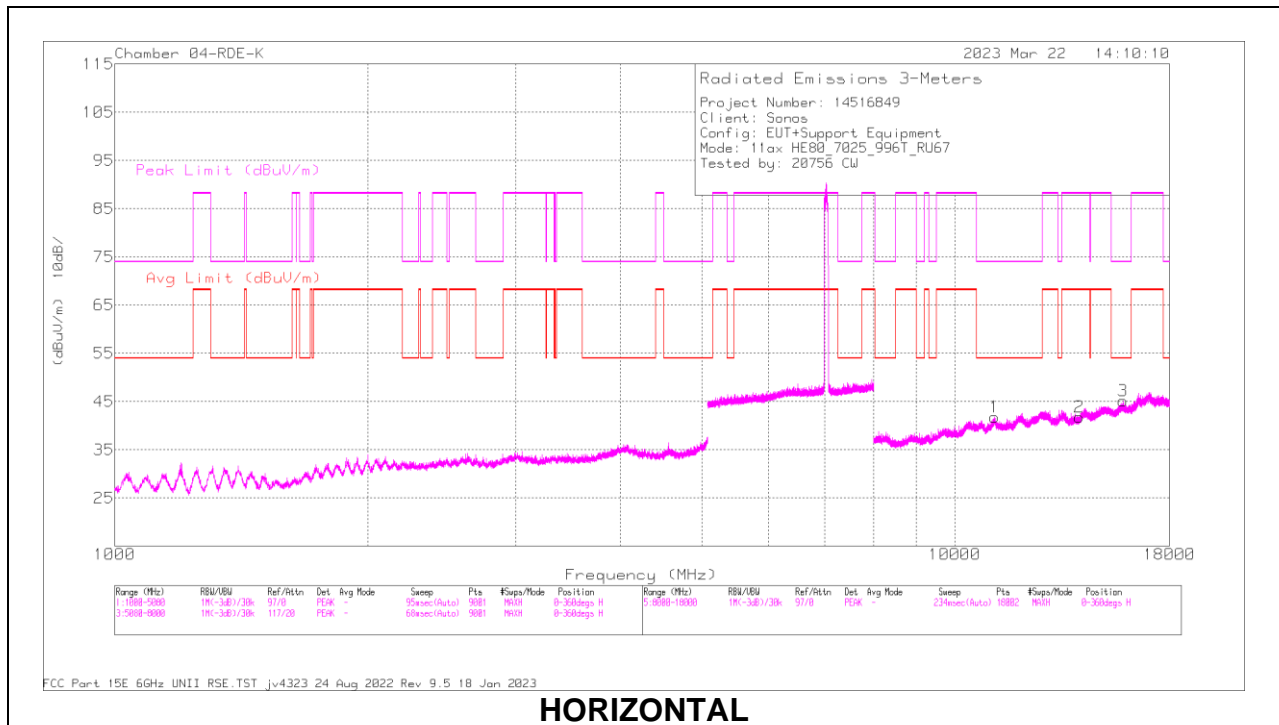
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11123.243	48.8	PK-U	38	-36.2	0	50.6	-	-	74	-23.4	217	249	H
	* 11123.35	36.88	ADR	38	-36.1	4.53	43.31	54	-10.69	-	-	217	249	H
2	13883.787	47.9	PK-U	38.9	-35	0	51.8	-	-	88.2	-36.4	219	173	H
	13883.452	35.69	ADR	38.9	-35	4.53	44.12	68.2	-24.08	-	-	219	173	H
3	* 15764.229	48.3	PK-U	40.1	-33.3	0	55.1	-	-	74	-18.9	85	237	H
	* 15764.558	35.34	ADR	40.1	-33.3	4.53	46.67	54	-7.33	-	-	85	237	H
4	* 11649.023	46.8	PK-U	38.1	-34.9	0	50	-	-	74	-24	41	390	V
	* 11647.142	35.09	ADR	38.1	-35	4.53	42.72	54	-11.28	-	-	41	390	V
5	13909.186	47.79	PK-U	38.9	-34.9	0	51.79	-	-	88.2	-36.41	357	253	V
	13909.376	35.74	ADR	38.9	-34.9	4.53	44.27	68.2	-23.93	-	-	357	253	V
6	* 15816.968	47.67	PK-U	40.2	-33.4	0	54.47	-	-	74	-19.53	59	151	V
	* 15817.047	35.39	ADR	40.2	-33.4	4.53	46.72	54	-7.28	-	-	59	151	V

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

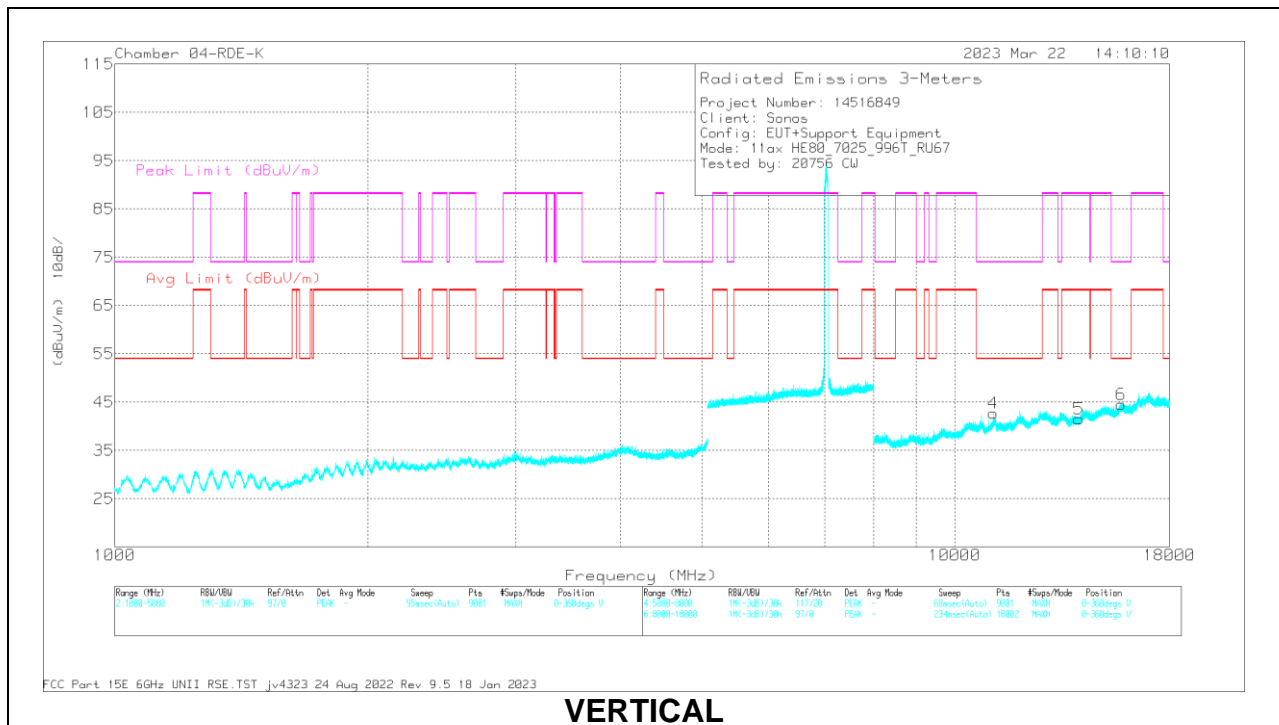
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11148.743	49.01	PK-U	38	-35.6	0	51.41	-	-	74	-22.59	292	106	H
	* 11146.793	36.64	ADR	38	-35.7	4.53	43.47	54	-10.53	-	-	292	106	H
2	14066.823	47.89	PK-U	39.1	-35	0	51.99	-	-	88.2	-36.21	218	387	H
	14067.076	35.71	ADR	39.1	-35	4.53	44.34	68.2	-23.86	-	-	218	387	H
3	* 15860.862	47.69	PK-U	40.2	-33.1	0	54.79	-	-	74	-19.21	346	368	H
	* 15860.777	35.38	ADR	40.2	-33.1	4.53	47.01	54	-6.99	-	-	346	368	H
4	* 11111.438	48.81	PK-U	38	-36.1	0	50.71	-	-	74	-23.29	219	306	V
	* 11113.094	36.76	ADR	38	-36	4.53	43.29	54	-10.71	-	-	219	306	V
5	14043.006	47.31	PK-U	39.1	-35.2	0	51.21	-	-	88.2	-36.99	46	316	V
	14043.08	35.5	ADR	39.1	-35.2	4.53	43.93	68.2	-24.27	-	-	46	316	V
6	* 15771.96	47.19	PK-U	40.2	-33.4	0	53.99	-	-	74	-20.01	257	335	V
	* 15771.64	35.34	ADR	40.2	-33.4	4.53	46.67	54	-7.33	-	-	257	335	V

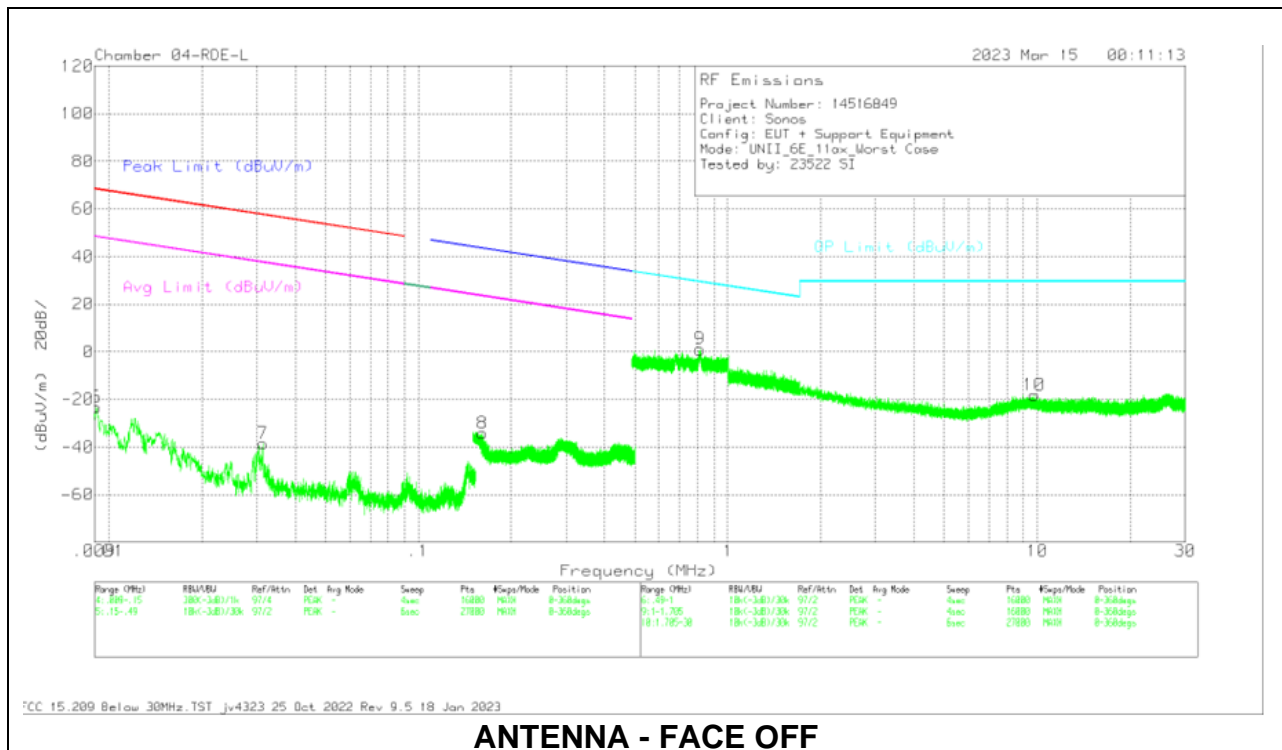
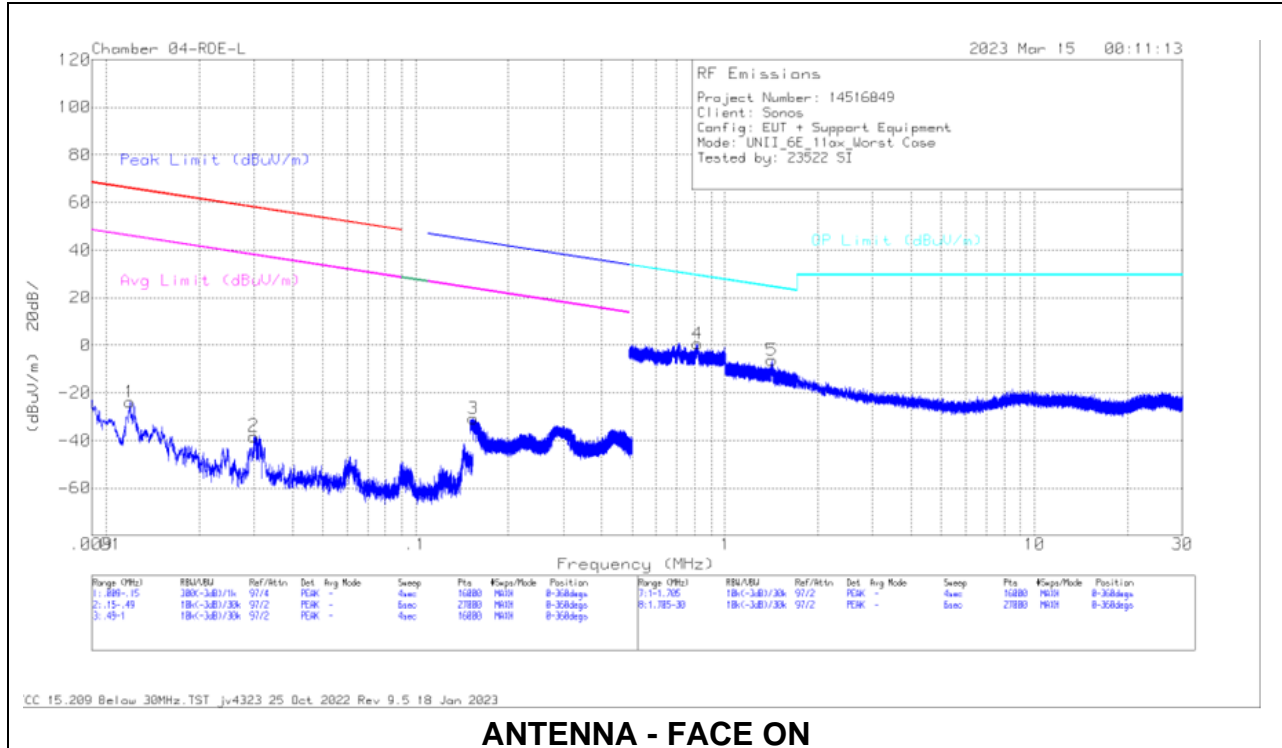
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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	.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

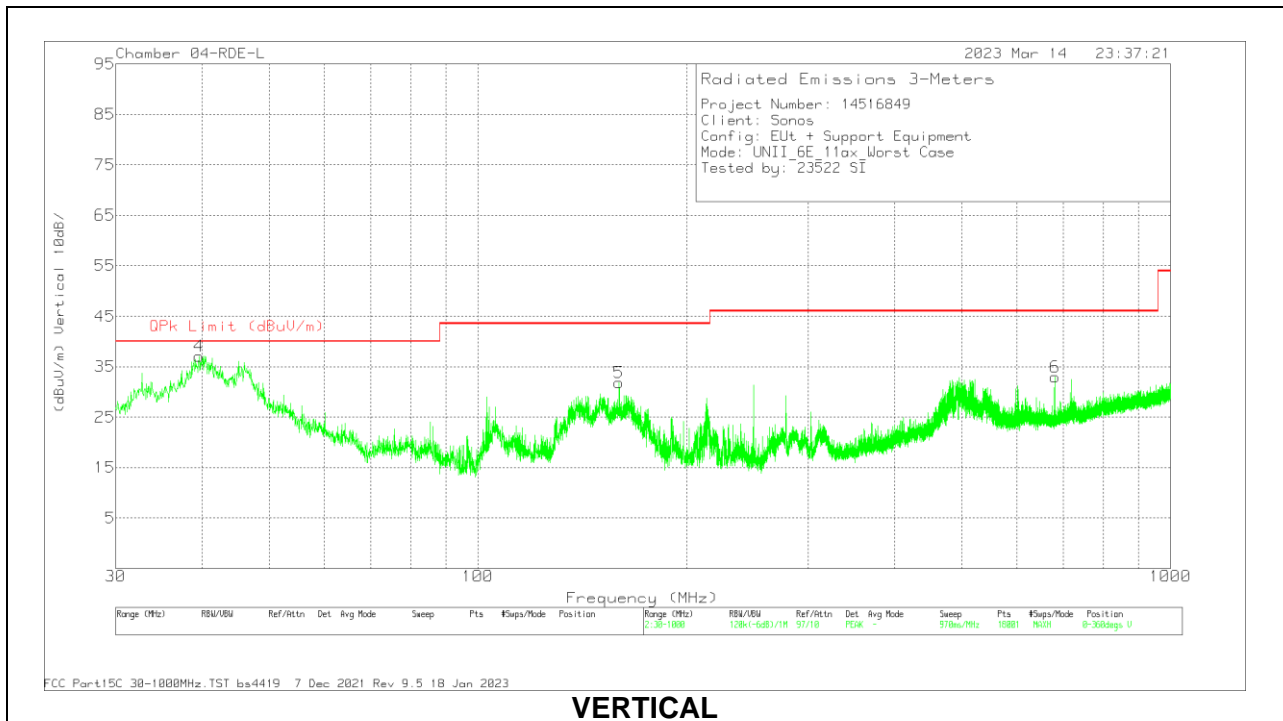
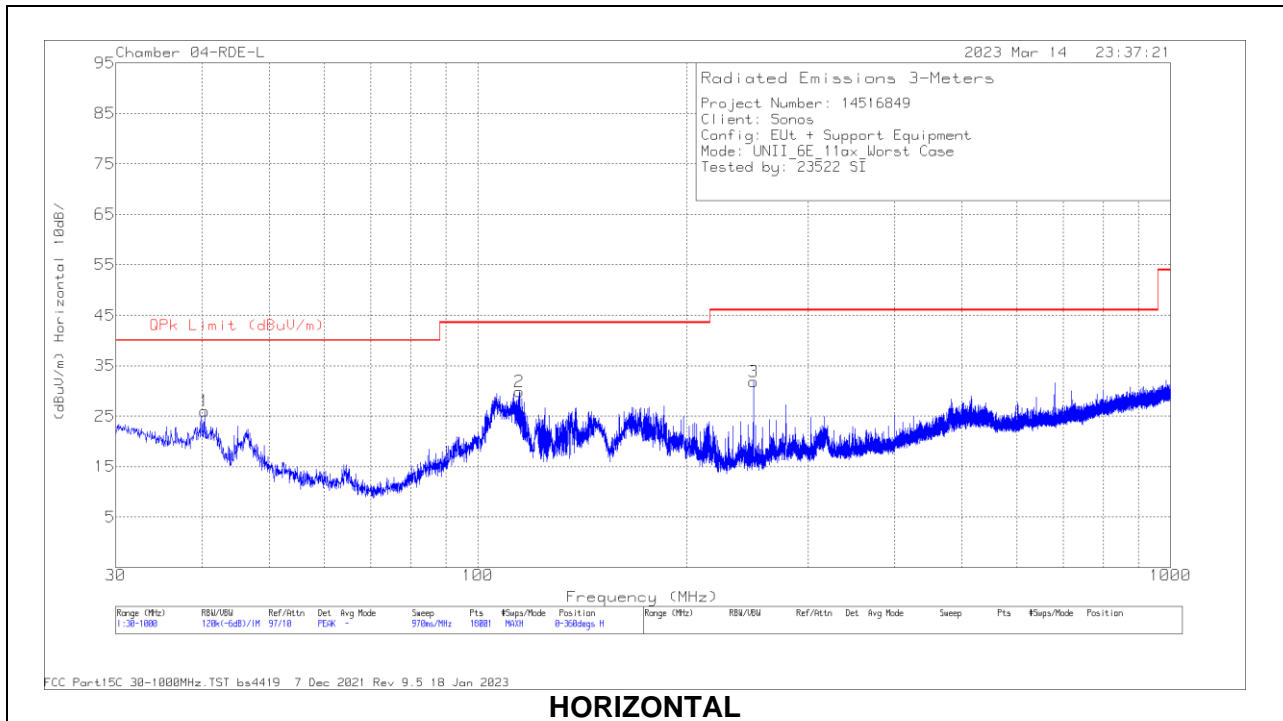
Range 6: Face Off .49 - 1MHz													
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E (ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity (degs)		
9	.8113	16.82	Pk	56.1	-31.9	-40	1.02	29.43	-28.41	0-360	90-degs		

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		

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHz



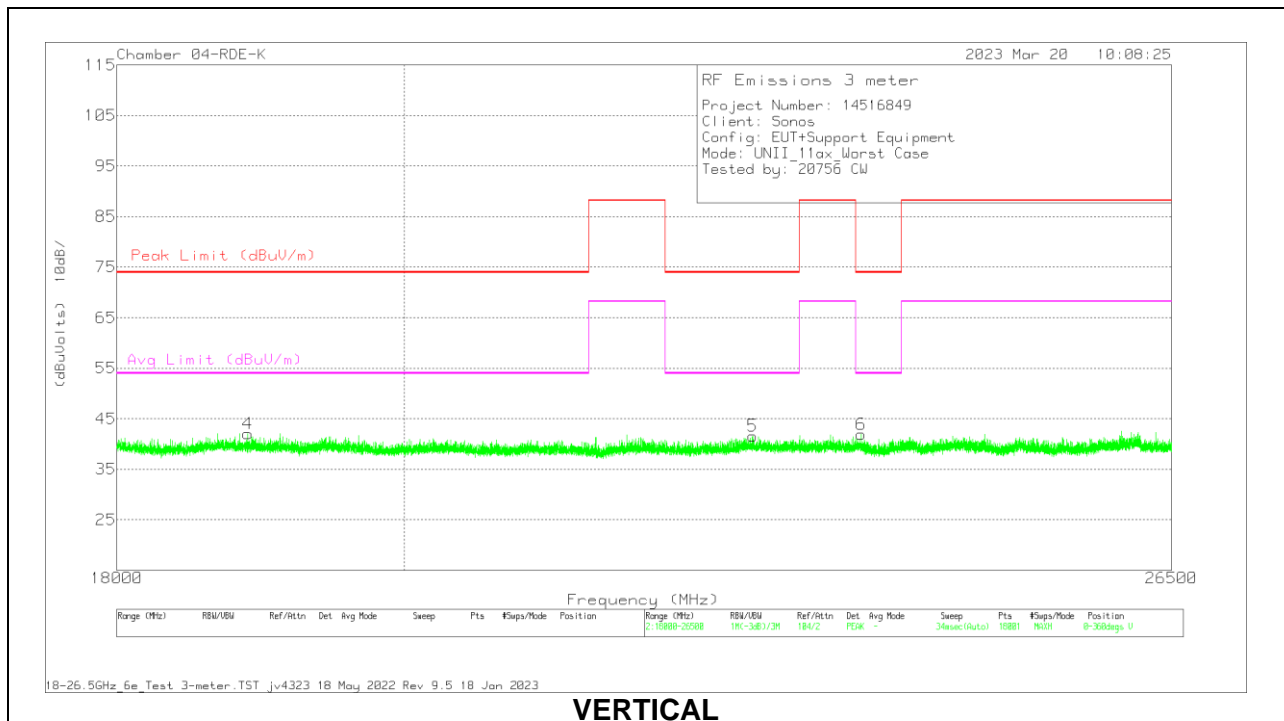
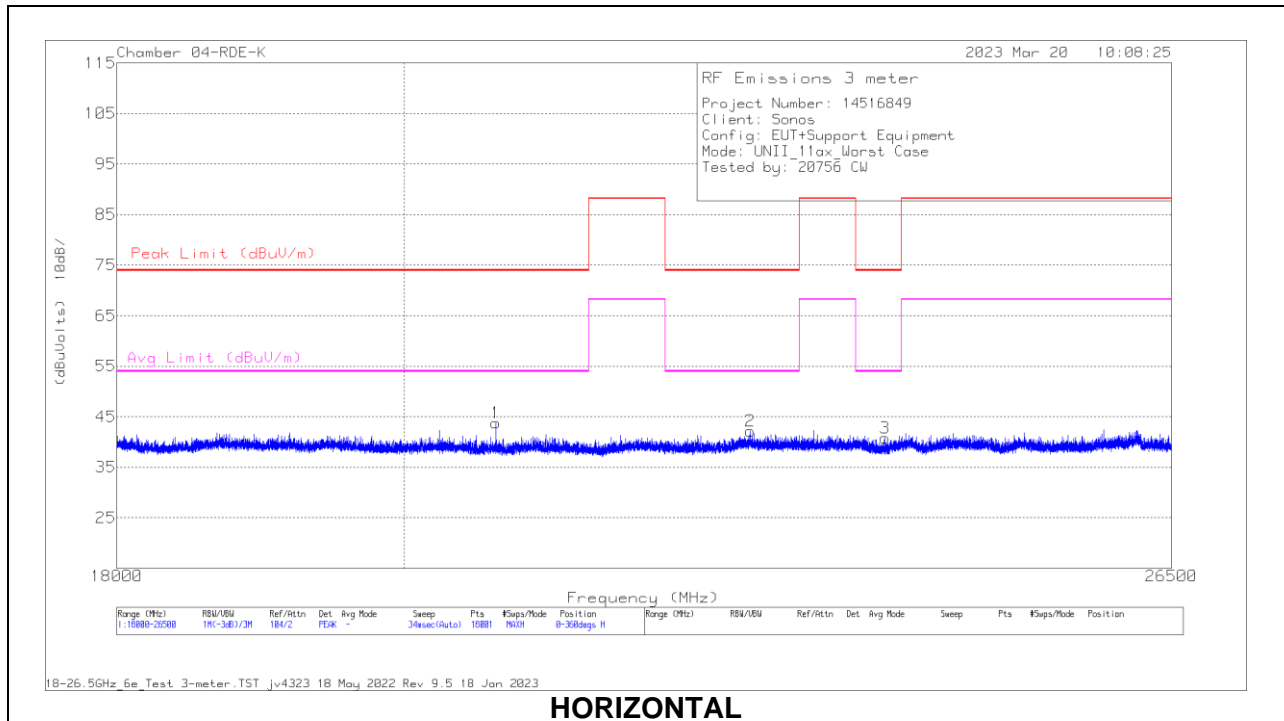
Below 1 GHz DATA

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

10.4. WORST CASE 18-26 GHz



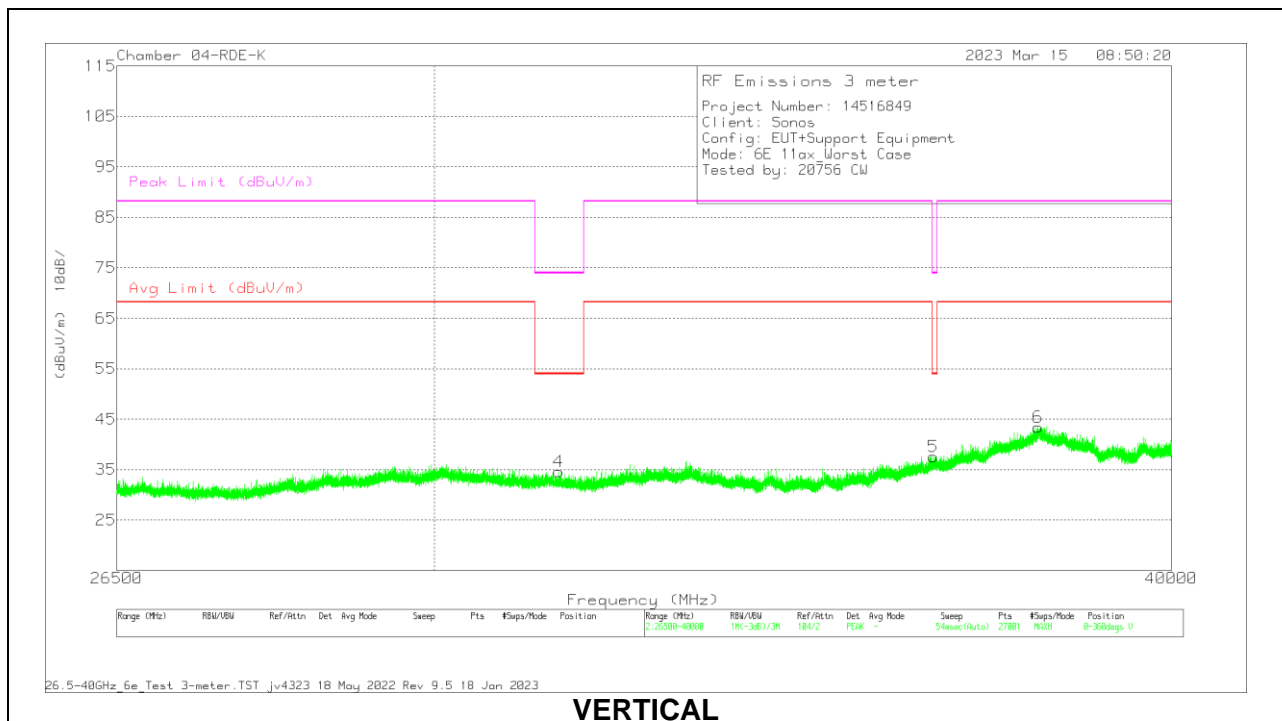
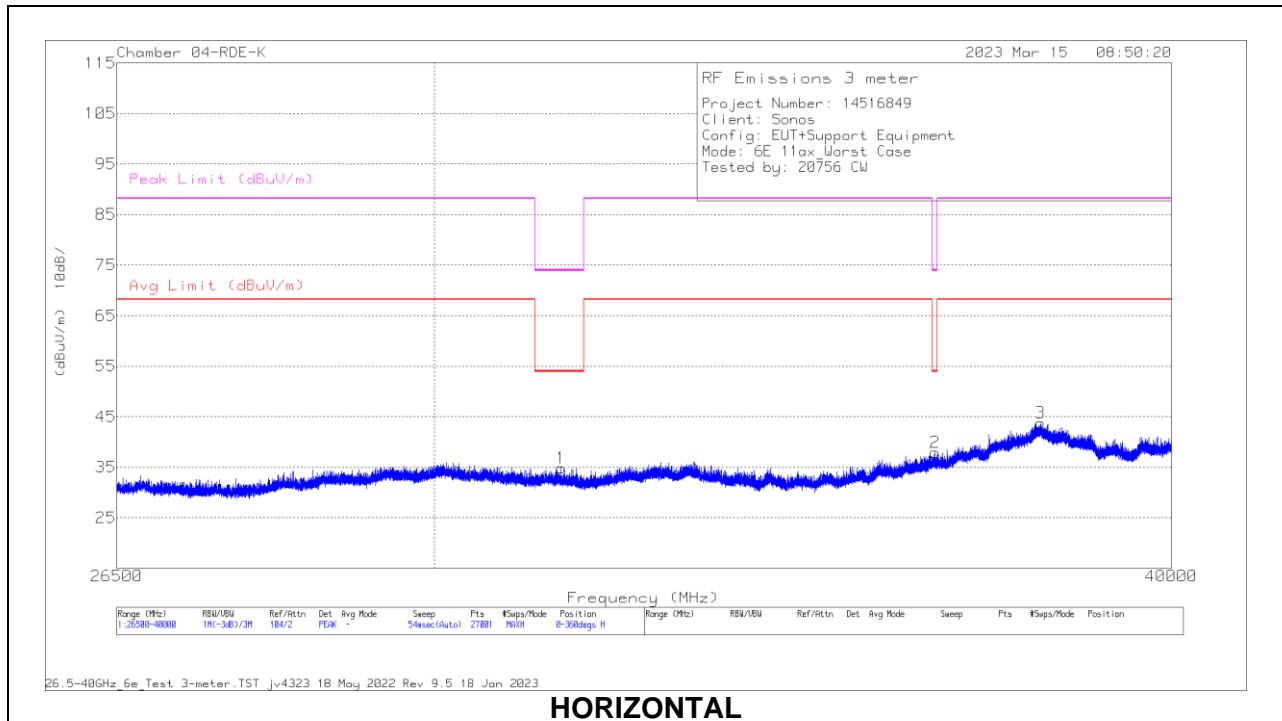
18-26 GHz DATA

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)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 20685.054	52.96	Pk	33.1	-61.3	19	43.76	74	-30.24	54	-10.24	0-360	200	H
2	* 22709.47	51.7	Pk	33.1	-62.5	19.9	42.2	74	-31.8	54	-11.8	0-360	200	H
3	* 23860.275	49.56	Pk	33.3	-62.5	20.4	40.76	74	-33.24	54	-13.24	0-360	200	H
4	* 18887.305	52.72	Pk	33.5	-62.5	18.3	42.02	74	-31.98	54	-11.98	0-360	200	V
5	* 22730.72	51.09	Pk	33.1	-62.5	19.9	41.59	74	-32.41	54	-12.41	0-360	101	V
6	* 23650.608	51.07	Pk	33.2	-62.7	20.3	41.87	74	-32.13	54	-12.13	0-360	200	V

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

Pk - Peak detector

10.5. WORST CASE 26-40 GHz



26-40 GHz DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	199661 3m AF (dB/m)	234684 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	* 31515	44.07	Pk	36.9	-69.6	23.5	34.87	54	-19.13	74	-39.13	0-360	200	H
2	* 36476.5	45.78	Pk	38.3	-71.8	25.6	37.88	54	-16.12	74	-36.12	0-360	101	H
3	38010	46.77	Pk	38.8	-68.1	26.3	43.77	68.2	-24.43	88.2	-44.43	0-360	101	H
4	* 31491.5	43.65	Pk	36.9	-69.5	23.5	34.55	54	-19.45	74	-39.45	0-360	199	V
5	* 36449	45.41	Pk	38.3	-71.8	25.6	37.51	54	-16.49	74	-36.49	0-360	101	V
6	37971.5	46.43	Pk	38.8	-68.2	26.4	43.43	68.2	-24.77	88.2	-44.77	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 (dB μ V)	
	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.

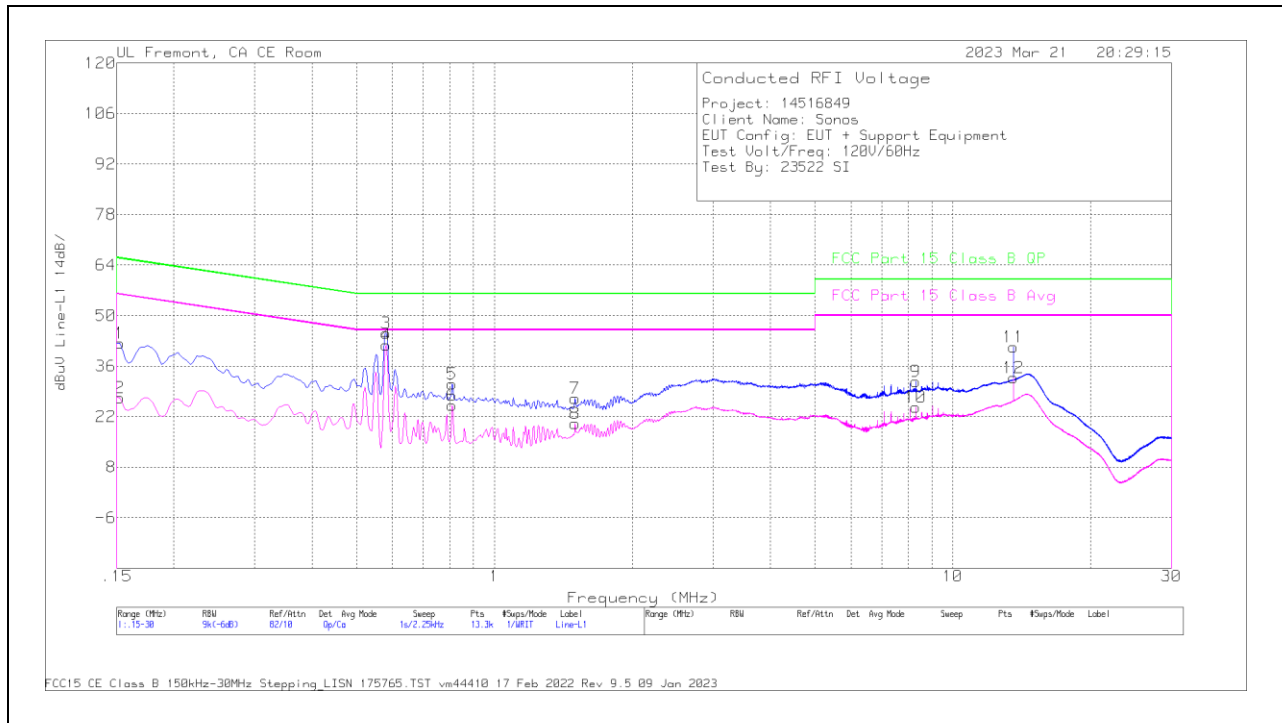
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

AC POWER LINE NORM

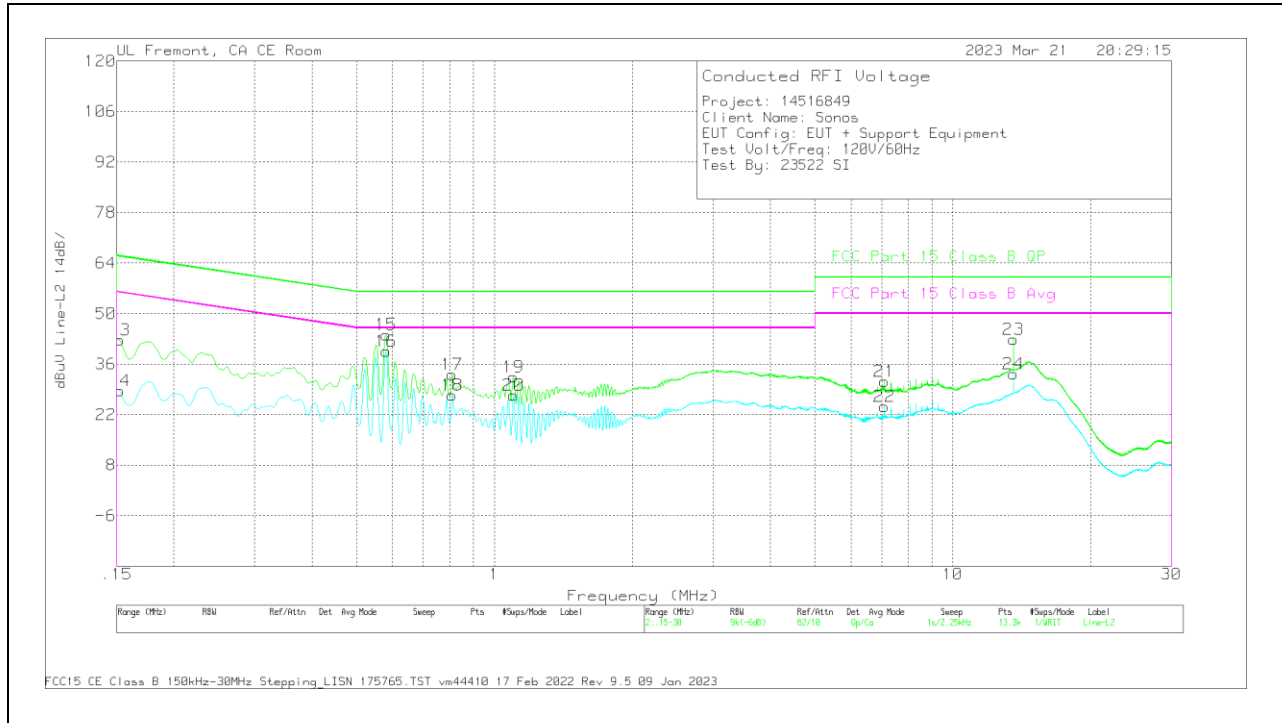
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz												
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable 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	.1523	17.73	Ca	.1	0	9.4	27.23	-	-	55.88	-28.65	
4	.5798	32.47	Ca	0	.1	9.3	41.87	-	-	46	-4.13	
6	.8093	15.78	Ca	0	.1	9.3	25.18	-	-	46	-20.82	
8	1.5	10.78	Ca	0	.1	9.3	20.18	-	-	46	-25.82	
10	8.3108	15.05	Ca	0	.2	9.3	24.55	-	-	50	-25.45	
12	13.56	23.23	Ca	.1	.2	9.3	32.83	-	-	50	-17.17	
1	.1523	32.8	Qp	.1	0	9.4	42.3	65.88	-23.58	-	-	
3	.5798	35.81	Qp	0	.1	9.3	45.21	56	-10.79	-	-	
5	.8093	21.67	Qp	0	.1	9.3	31.07	56	-24.93	-	-	
7	1.5	17.73	Qp	0	.1	9.3	27.13	56	-28.87	-	-	
9	8.3108	22.19	Qp	0	.2	9.3	31.69	60	-28.31	-	-	
11	13.56	31.73	Qp	.1	.2	9.3	41.33	60	-18.67	-	-	

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 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	.1523	19.19	Ca	.1	0	9.4	28.69	-	-	55.88	-27.19	
16	.5798	30.22	Ca	0	.1	9.3	39.62	-	-	46	-6.38	
18	.8093	18.04	Ca	0	.1	9.3	27.44	-	-	46	-18.56	
20	1.1018	17.95	Ca	0	.1	9.3	27.35	-	-	46	-18.65	
22	7.089	14.88	Ca	0	.1	9.3	24.28	-	-	50	-25.72	
24	13.56	23.79	Ca	.1	.2	9.3	33.39	-	-	50	-16.61	
13	.1523	33.2	Qp	.1	0	9.4	42.7	65.88	-23.18	-	-	
15	.5798	34.77	Qp	0	.1	9.3	44.17	56	-11.83	-	-	
17	.8093	23.71	Qp	0	.1	9.3	33.11	56	-22.89	-	-	
19	1.0995	22.98	Qp	0	.1	9.3	32.38	56	-23.62	-	-	
21	7.089	21.84	Qp	0	.1	9.3	31.24	60	-28.76	-	-	
23	13.56	33.32	Qp	.1	.2	9.3	42.92	60	-17.08	-	-	

Qp - Quasi-Peak detector
 Ca - CISPR average detection