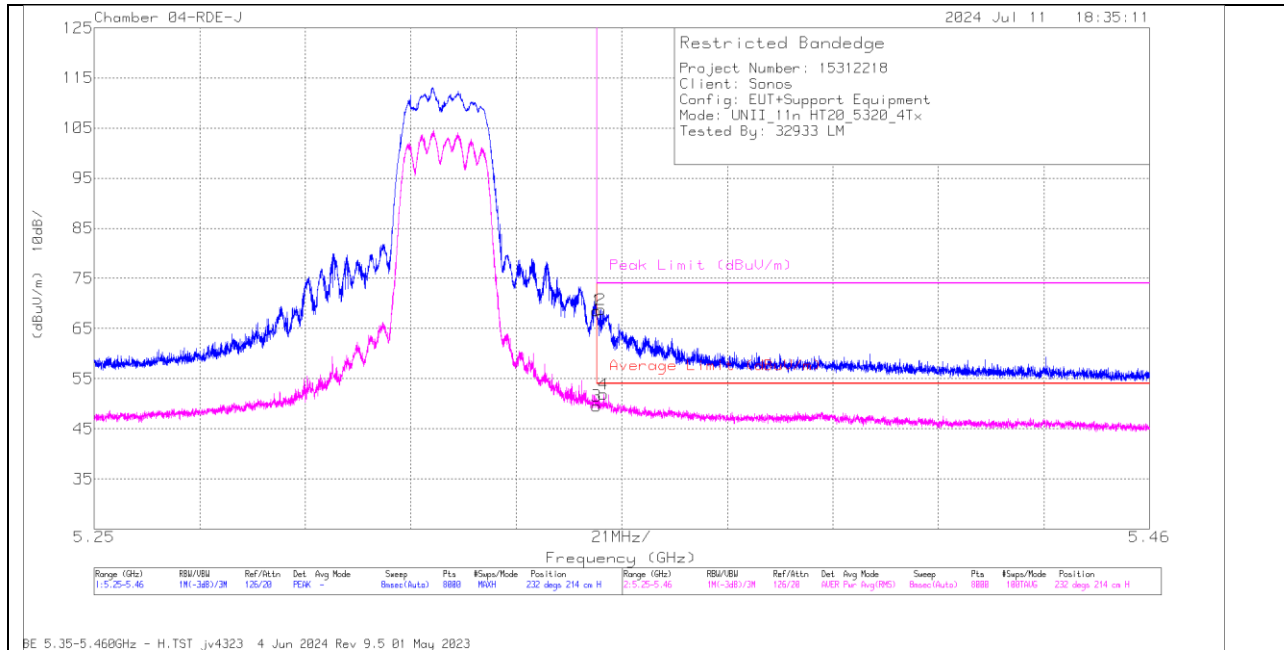


10.1.4. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.3 GHz BAND

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

BANDEDGE (HIGH CHANNEL)

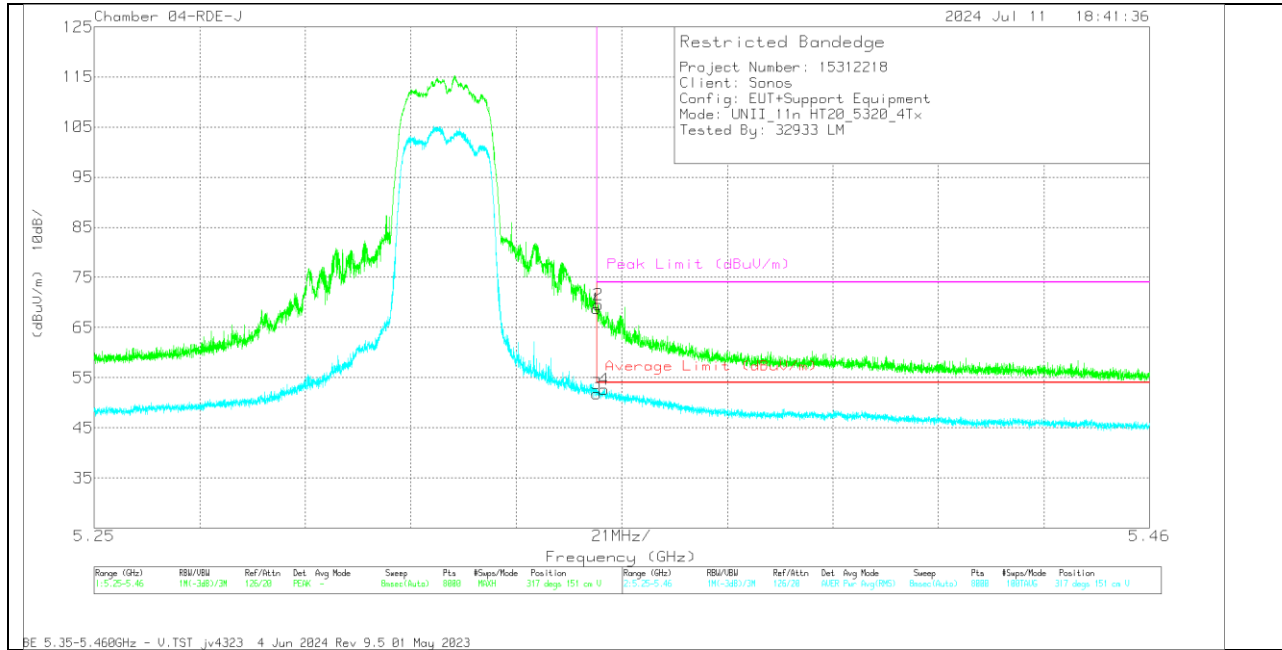
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	68.22	Pk	35	-34.7	0	68.52	-	-	74	-5.48	232	214	H
2	* 5.350838	68.45	Pk	35	-34.7	0	68.75	-	-	74	-5.25	232	214	H
3	* 5.35	48.15	RMS	35	-34.7	1.03	49.48	54	-4.52	-	-	232	214	H
4	* 5.351415	50.52	RMS	35	-34.7	1.03	51.85	54	-2.15	-	-	232	214	H

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

VERTICAL RESULT

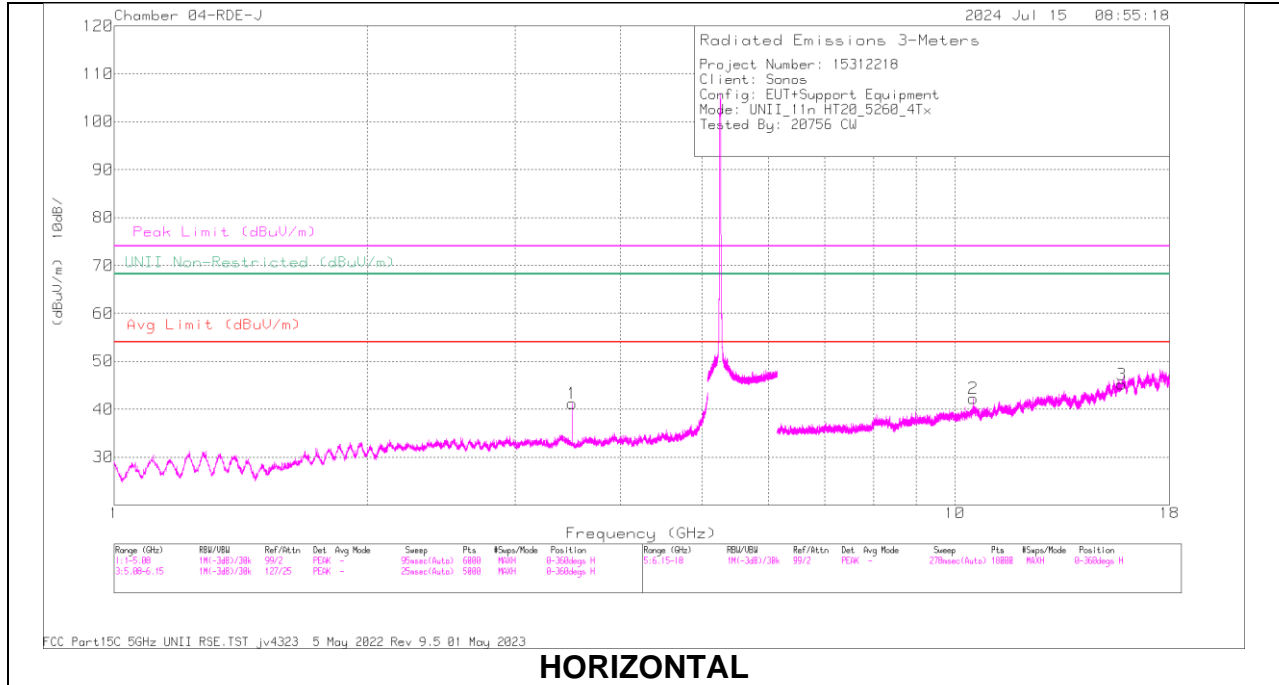


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	68.43	Pk	35	-34.7	0	68.73	-	-	74	-5.27	317	151	V
3	* 5.35	50.42	RMS	35	-34.7	1.03	51.75	54	-2.25	-	-	317	151	V
2	* 5.350365	69.27	Pk	35	-34.7	0	69.57	-	-	74	-4.43	317	151	V
4	* 5.351547	51.37	RMS	35	-34.7	1.03	52.7	54	-1.3	-	-	317	151	V

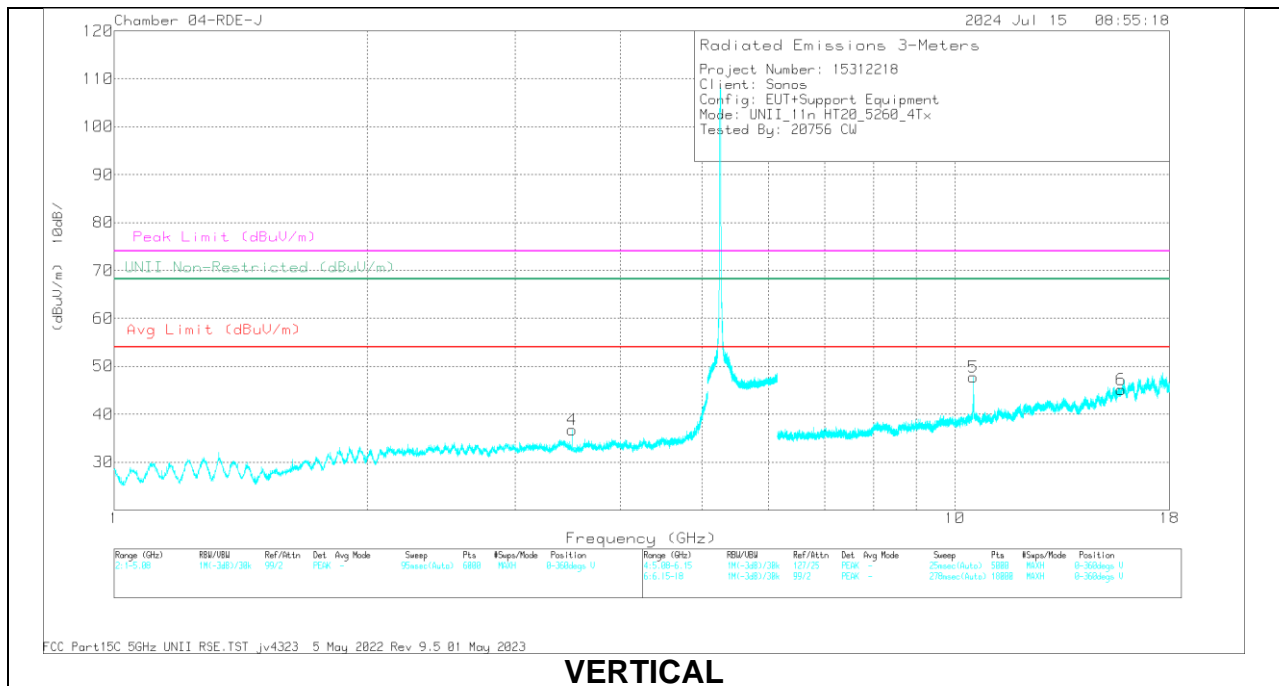
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



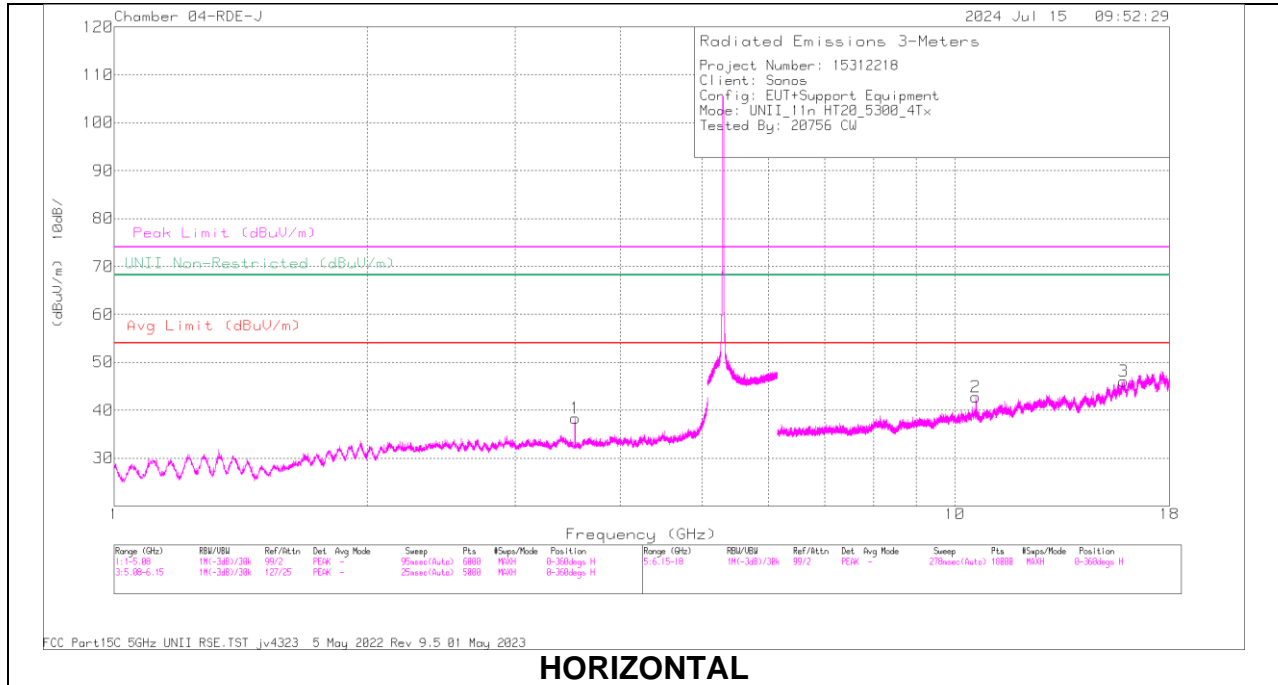
VERTICAL

RADIATED EMISSIONS

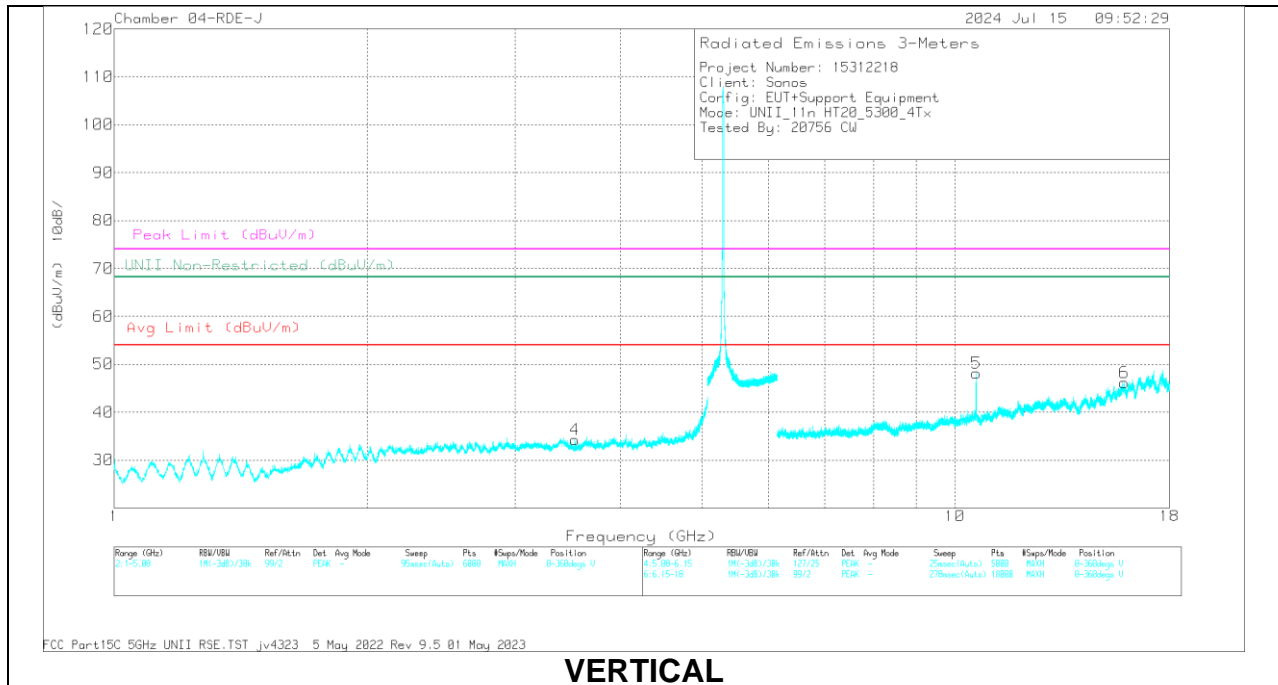
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.506581	58.85	PK-U	32.7	-44.3	0	47.25	-	-	74	-26.75	-	-	228	123	H
	* 3.50666	52.05	ADR	32.7	-44.3	1.03	41.48	54	-12.52	-	-	-	-	228	123	H
4	* 3.506484	56.83	PK-U	32.7	-44.3	0	45.23	-	-	74	-28.77	-	-	120	272	V
	* 3.506632	47.11	ADR	32.7	-44.3	1.03	36.54	54	-17.46	-	-	-	-	120	272	V
3	* 15.788216	54.7	PK-U	40.9	-40.5	0	55.1	-	-	74	-18.9	-	-	20	202	H
	* 15.788027	43.19	ADR	40.9	-40.5	1.03	44.62	54	-9.38	-	-	-	-	20	202	H
6	* 15.779041	55.31	PK-U	40.9	-40.4	0	55.81	-	-	74	-18.19	-	-	172	247	V
	* 15.778848	43.1	ADR	40.9	-40.4	1.03	44.63	54	-9.37	-	-	-	-	172	247	V
2	10.518118	43.01	ADR	37.5	-40.7	1.03	40.84	-	-	-	-	-	-	312	294	H
	10.518226	55.44	PK-U	37.5	-40.7	0	52.24	-	-	-	-	68.2	-15.96	312	294	H
5	10.520447	62.16	PK-U	37.5	-40.7	0	58.96	-	-	-	-	68.2	-9.24	254	145	V
	10.520585	48.38	ADR	37.5	-40.7	1.03	46.21	-	-	-	-	-	-	254	145	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



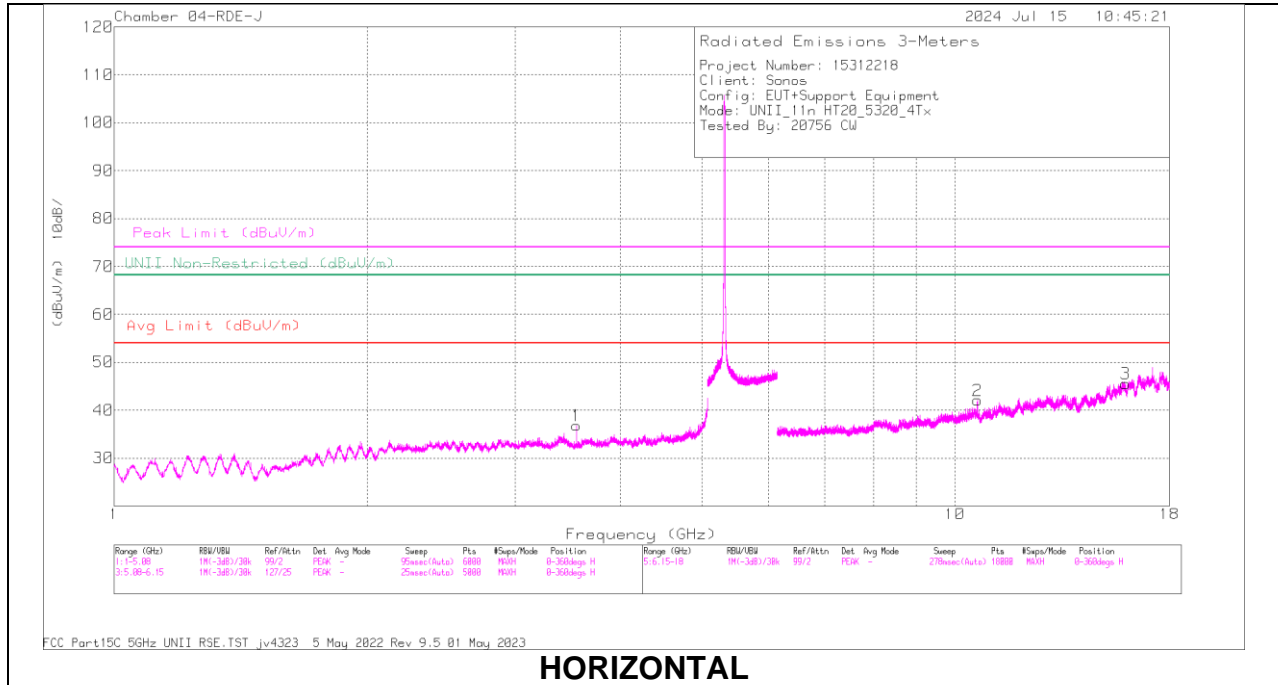
VERTICAL

RADIATED EMISSIONS

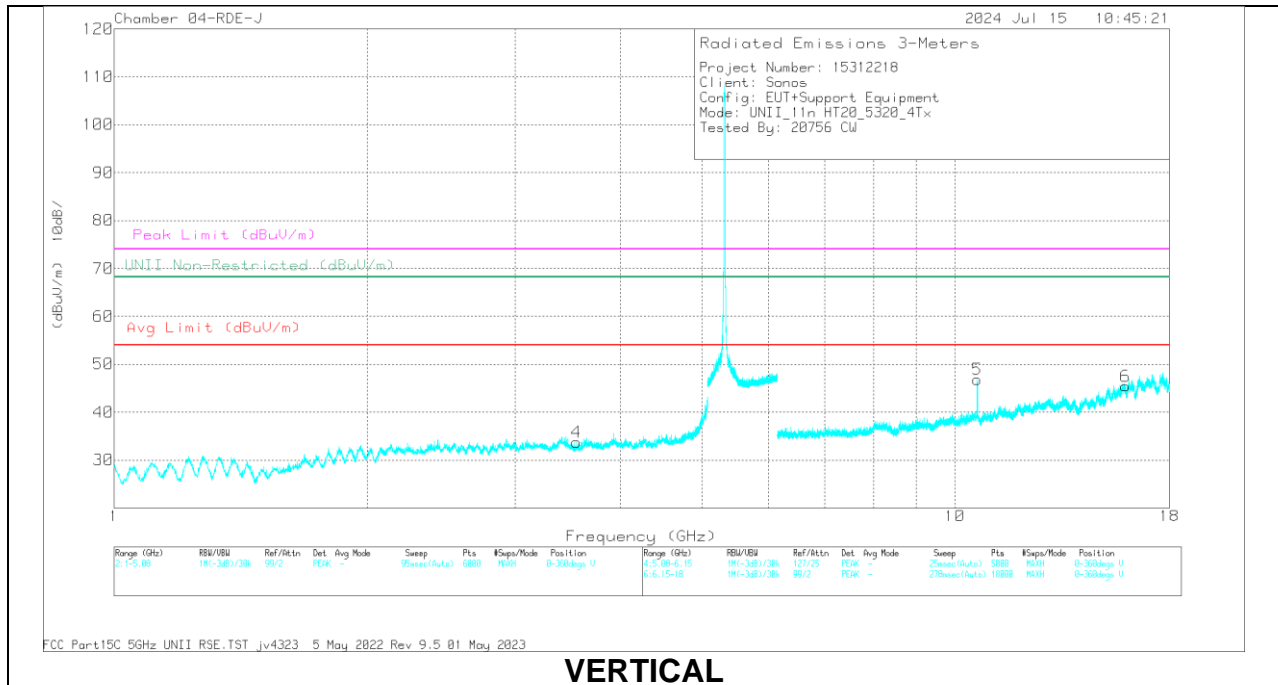
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.533211	56.83	PK-U	32.8	-44.4	0	45.23	-	-	74	-28.77	-	-	226	103	H
	* 3.533218	48.01	ADR	32.8	-44.4	1.03	37.44	54	-16.56	-	-	-	-	226	103	H
4	* 3.533264	55.68	PK-U	32.8	-44.4	0	44.08	-	-	74	-29.92	-	-	120	275	V
	* 3.533328	45.15	ADR	32.8	-44.4	1.03	34.58	54	-19.42	-	-	-	-	120	275	V
3	* 15.887333	54.14	PK-U	41.1	-38.7	0	56.54	-	-	-	-	-	-	269	198	H
	* 15.887366	42.65	ADR	41.1	-38.7	1.03	46.08	54	-7.92	-	-	-	-	269	198	H
5	* 10.600598	64.09	PK-U	37.5	-40	0	61.59	-	-	74	-12.41	-	-	256	105	V
	* 10.600637	50.45	ADR	37.5	-40	1.03	48.98	54	-5.02	-	-	-	-	256	105	V
6	* 15.899674	54.31	PK-U	41.1	-38.7	0	56.71	-	-	74	-17.29	-	-	195	305	V
	* 15.899829	42.37	ADR	41.1	-38.7	1.03	45.8	54	-8.2	-	-	-	-	195	305	V
2	10.595528	58.79	PK-U	37.5	-40.2	0	56.09	-	-	-	-	68.2	-12.11	283	220	H
	10.59554	45.4	ADR	37.5	-40.2	1.03	43.73	-	-	-	-	-	-	283	220	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (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	* 3.546297	56.84	PK-U	32.9	-44.5	0	45.24	-	-	74	-28.76	-	-	209	163	H
	* 3.546624	47.63	ADR	32.9	-44.5	1.03	37.06	54	-16.94	-	-	-	-	209	163	H
4	* 3.546866	55.39	PK-U	32.9	-44.5	0	43.79	-	-	74	-30.21	-	-	165	106	V
	* 3.546656	44.75	ADR	32.9	-44.5	1.03	34.18	54	-19.82	-	-	-	-	165	106	V
5	* 10.635727	48.54	ADR	37.5	-40.1	1.03	46.97	54	-7.03	-	-	-	-	243	347	V
	* 10.636034	61.46	PK-U	37.5	-40.1	0	58.86	-	-	74	-15.14	-	-	243	347	V
2	* 10.643079	45.07	ADR	37.6	-40.3	1.03	43.4	54	-10.6	-	-	-	-	315	398	H
	* 10.643098	57.92	PK-U	37.6	-40.3	0	55.22	-	-	74	-18.78	-	-	315	398	H
3	* 15.968819	41.87	ADR	41.2	-39.6	1.03	44.5	54	-9.5	-	-	-	-	216	142	H
	* 15.968982	53.89	PK-U	41.2	-39.6	0	55.49	-	-	74	-18.51	-	-	216	142	H
6	* 15.971525	53.21	PK-U	41.2	-39.6	0	54.81	-	-	74	-19.19	-	-	359	141	V
	* 15.971812	41.67	ADR	41.2	-39.6	1.03	44.3	54	-9.7	-	-	-	-	359	141	V

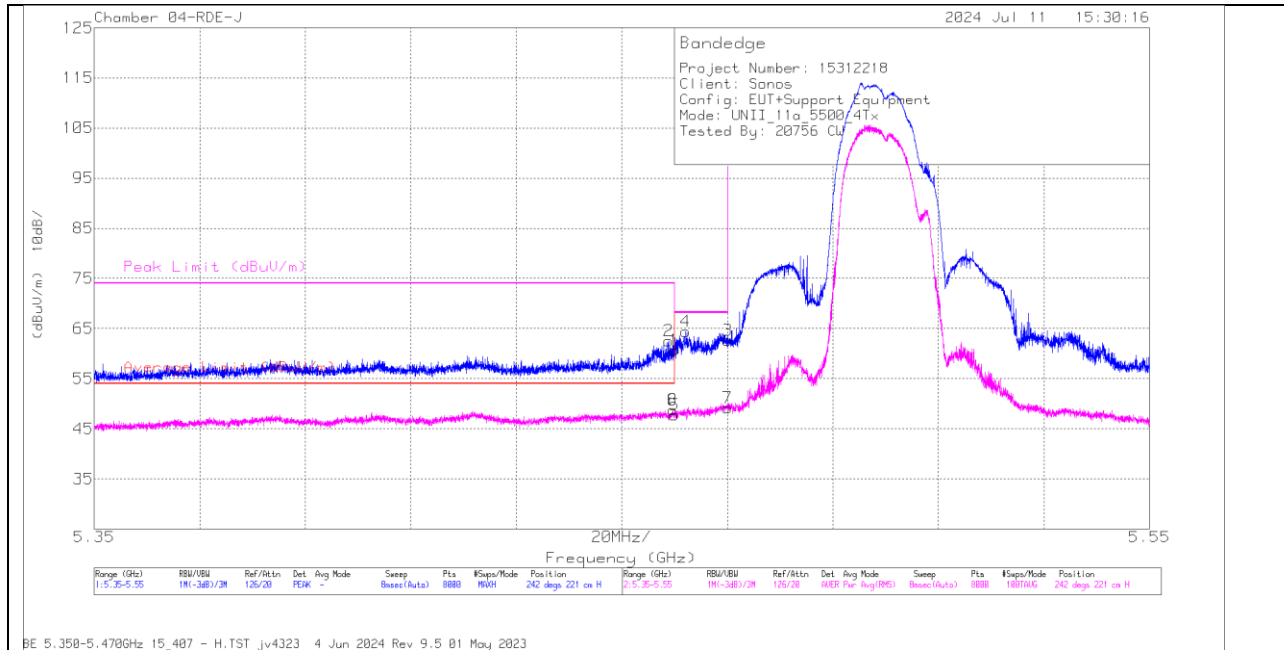
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

10.1.5. TX ABOVE 1 GHz 802.11a MODE IN THE 5.6 GHz BAND

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

BANDEDGE (LOW CHANNEL)

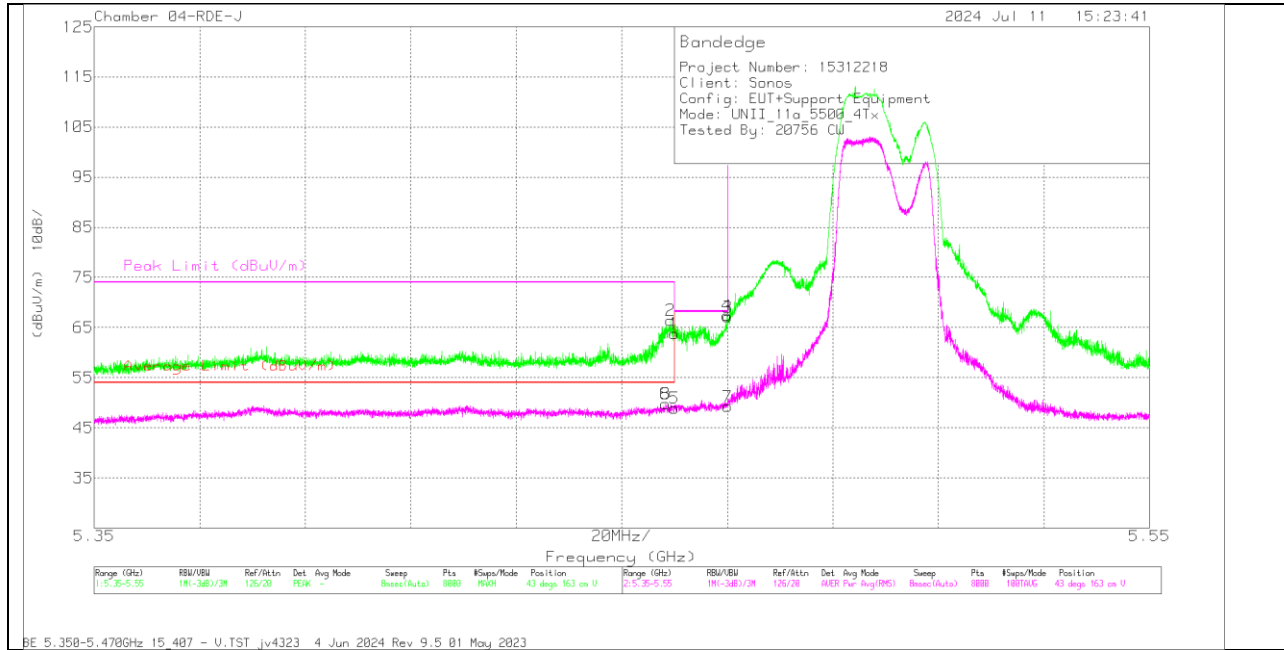
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	60.29	Pk	34.9	-34.5	0	60.69	-	-	68.2	-7.51	242	221	H
2	* 5.458838	62.11	Pk	34.9	-34.5	0	62.51	-	-	74	-11.49	242	221	H
5	* 5.46	46.23	RMS	34.9	-34.5	1.17	47.8	54	-6.2	-	-	242	221	H
6	* 5.459663	47.22	RMS	34.9	-34.5	1.17	48.79	54	-5.21	-	-	242	221	H
8	* 5.459663	47.22	RMS	34.9	-34.5	1.17	48.79	54	-5.21	-	-	242	221	H
4	5.462063	64	Pk	34.9	-34.5	0	64.4	-	-	68.2	-3.8	242	221	H
3	5.47	62.29	Pk	34.8	-34.4	0	62.69	-	-	68.2	-5.51	242	221	H
7	5.47	47.54	RMS	34.8	-34.4	1.17	49.11	-	-	-	-	242	221	H

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

VERTICAL RESULT

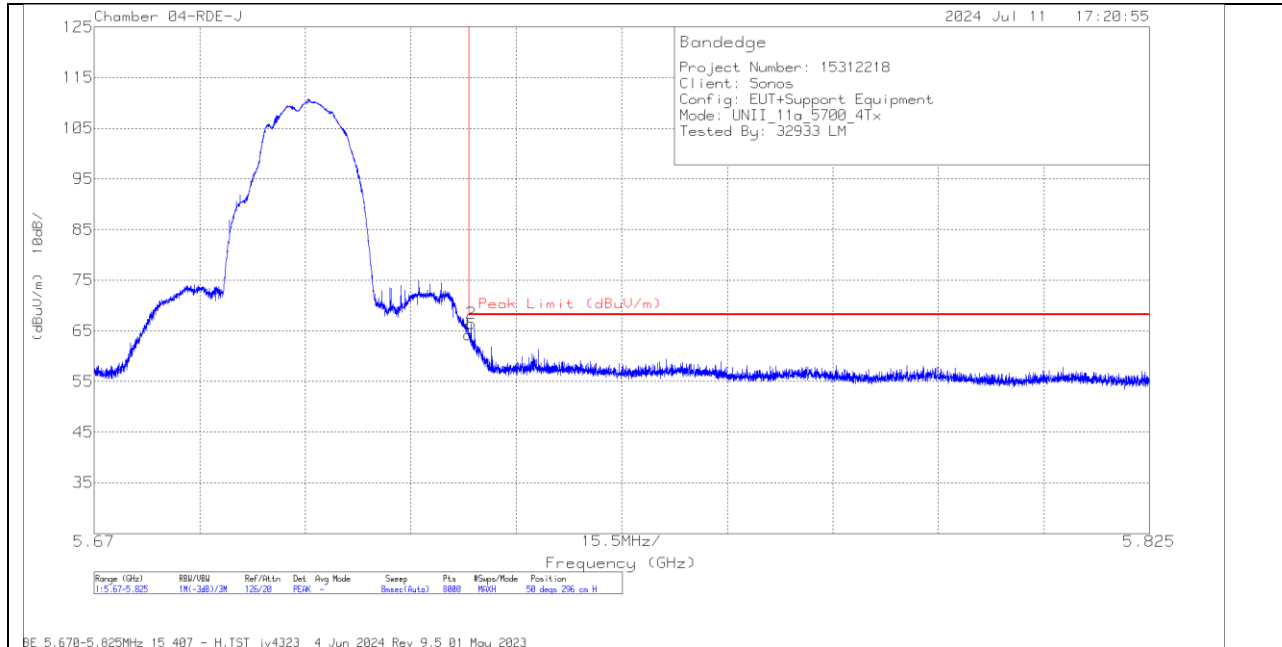


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	63.38	Pk	34.9	-34.5	0	63.78	-	-	68.2	-4.42	43	163	V
2	* 5.459213	65.99	Pk	34.9	-34.5	0	66.39	-	-	74	-7.61	43	163	V
5	* 5.46	47.32	RMS	34.9	-34.5	1.17	48.89	54	-5.11	-	-	43	163	V
6	* 5.458338	48.17	RMS	34.9	-34.5	1.17	49.74	54	-4.26	-	-	43	163	V
8	* 5.458338	48.17	RMS	34.9	-34.5	1.17	49.74	54	-4.26	-	-	43	163	V
4	5.469989	66.97	Pk	34.8	-34.4	0	67.37	-	-	68.2	-0.83	43	163	V
3	5.47	66.71	Pk	34.8	-34.4	0	67.11	-	-	68.2	-1.09	43	163	V
7	5.47	47.65	RMS	34.8	-34.4	1.17	49.22	-	-	-	-	43	163	V

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

BANEDGE (HIGH CHANNEL)

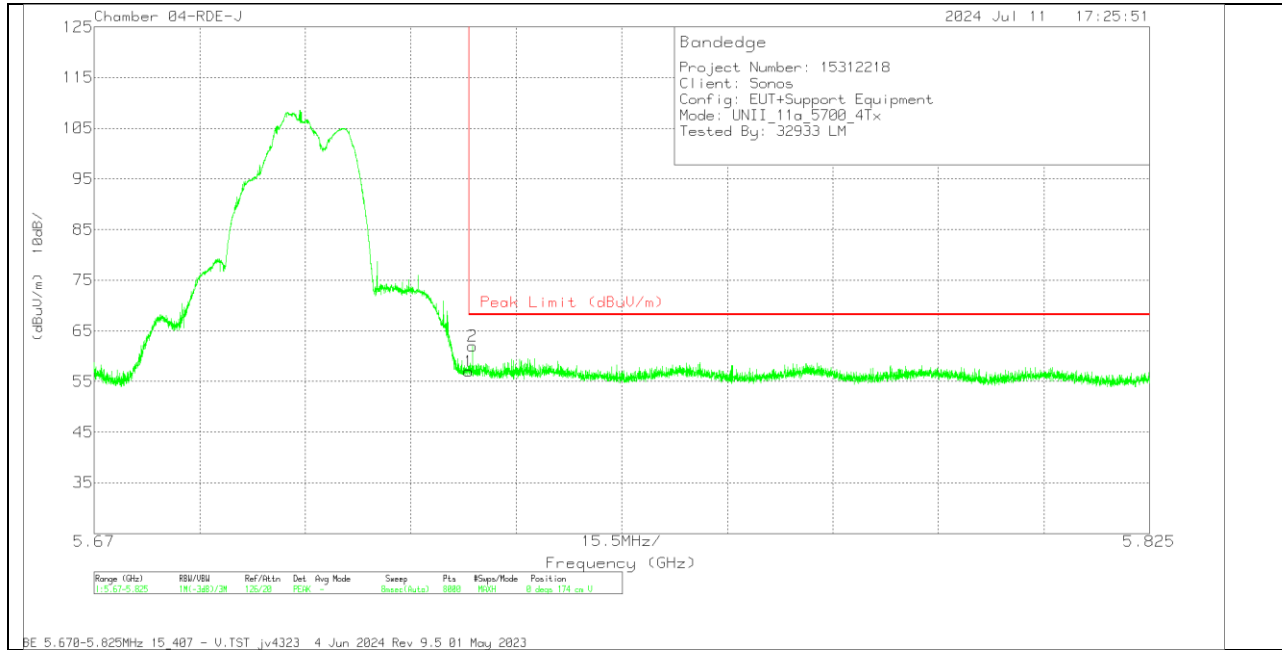
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	63.26	Pk	34.7	-33.8	64.16	68.2	-4.04	50	296	H
2	5.725399	65.59	Pk	34.7	-33.8	66.49	68.2	-1.71	50	296	H

Pk - Peak detector

VERTICAL RESULT

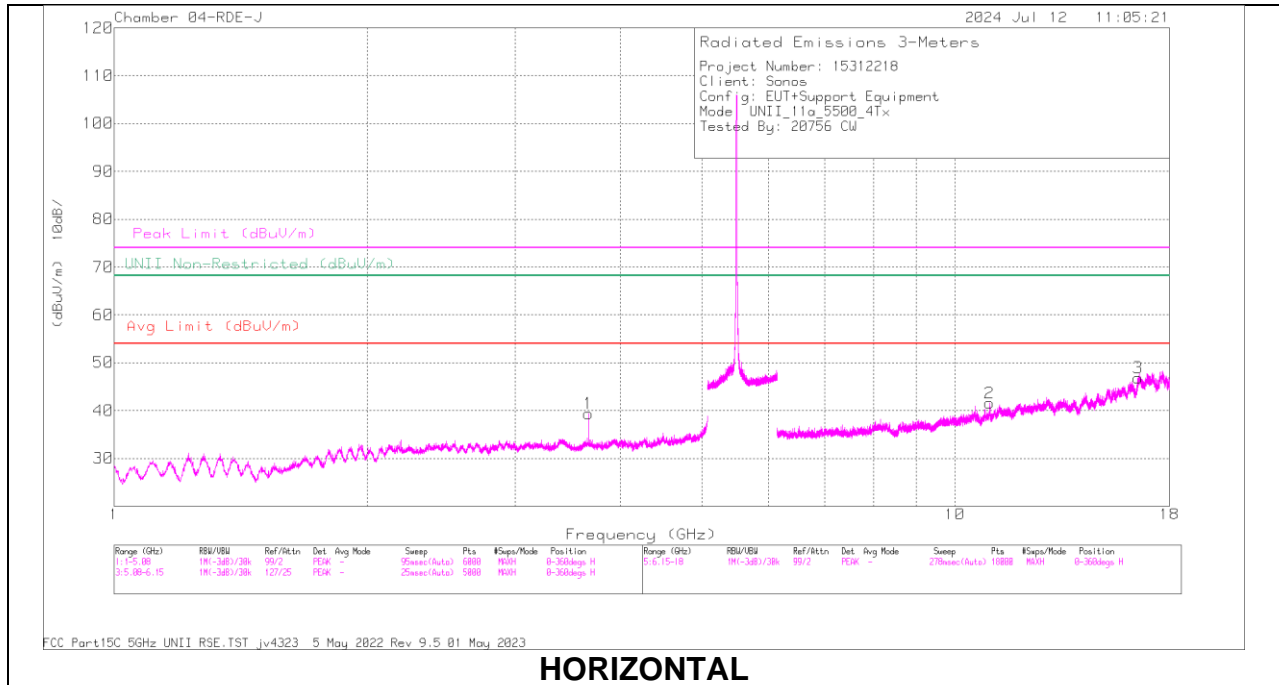


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	56.08	Pk	34.7	-33.8	56.98	68.2	-11.22	0	174	V
2	5.725573	61.13	Pk	34.7	-33.8	62.03	68.2	-6.17	0	174	V

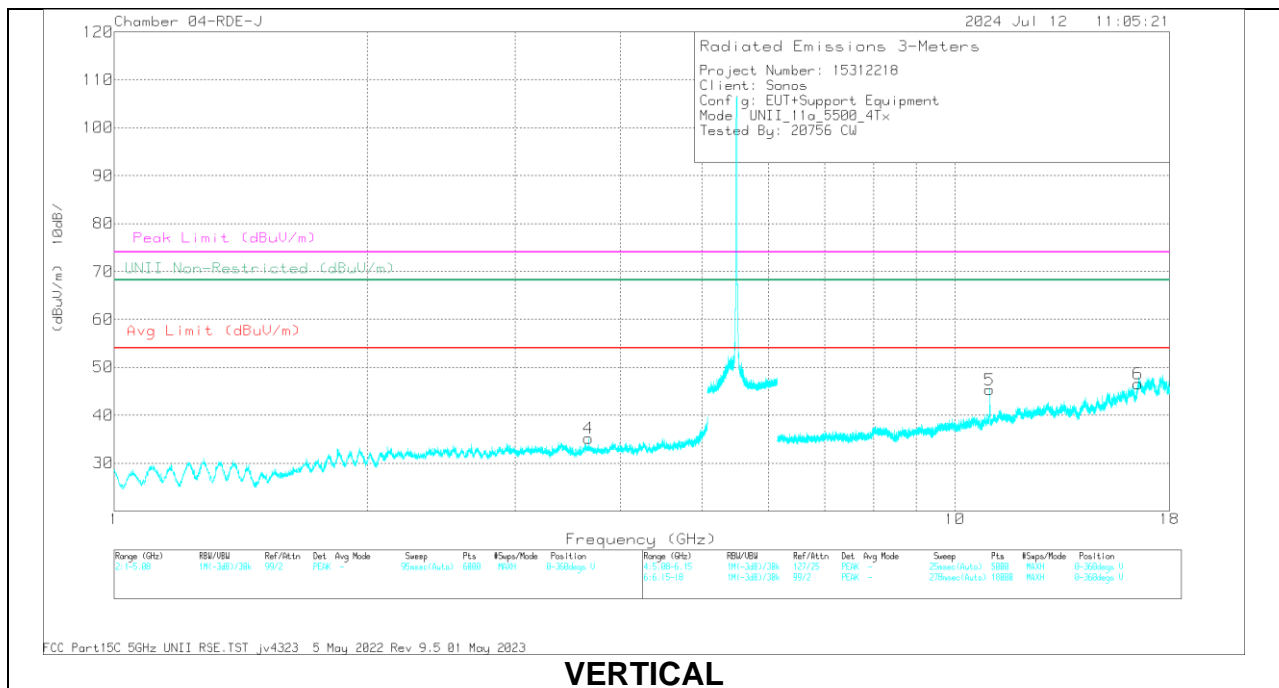
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



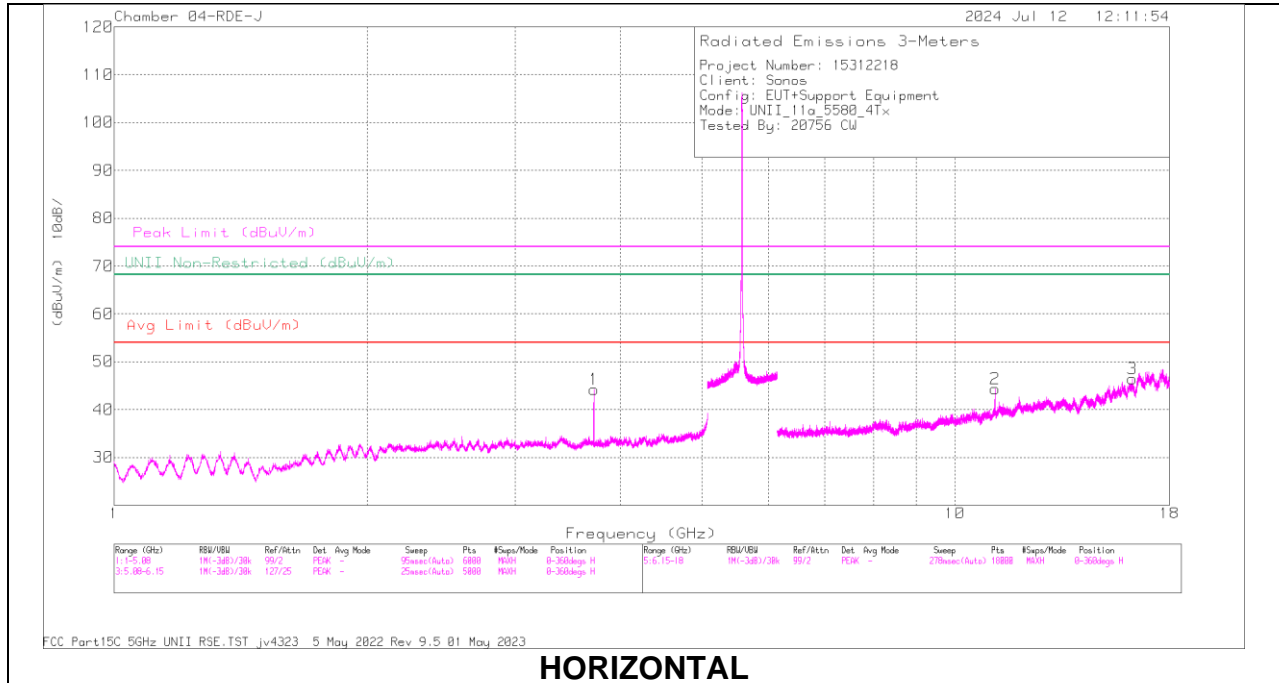
VERTICAL

RADIATED EMISSIONS

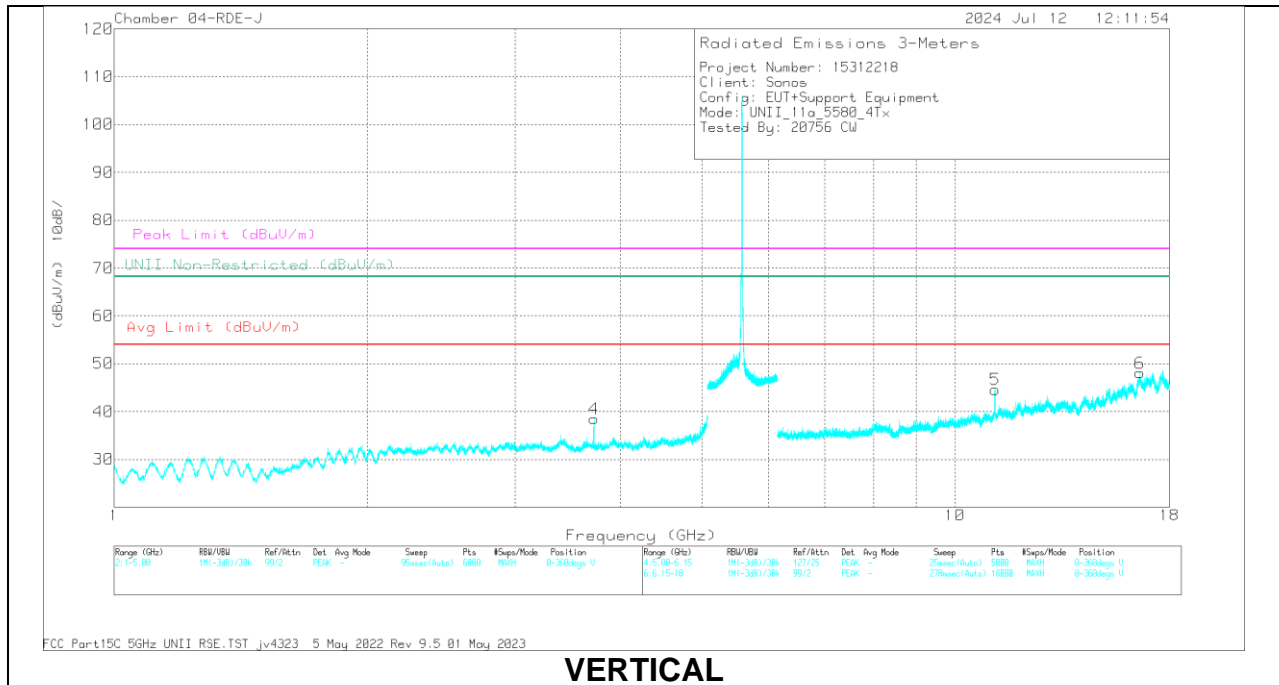
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.666647	57.64	PK-U	33.1	-44.5	0	46.24	-	-	74	-27.76	-	-	220	109	H
	* 3.666637	49.79	ADR	33.1	-44.5	1.17	39.56	54	-14.44	-	-	-	-	220	109	H
	* 3.666545	56.98	PK-U	33.1	-44.5	0	45.58	-	-	74	-28.42	-	-	128	101	V
2	* 3.666635	47.07	ADR	33.1	-44.5	1.17	36.84	54	-17.16	-	-	-	-	128	101	V
	* 10.993581	44.38	ADR	37.8	-40.4	1.17	42.95	54	-11.05	-	-	-	-	293	247	H
	* 10.994754	57.02	PK-U	37.8	-40.4	0	54.42	-	-	74	-19.58	-	-	293	247	H
5	* 11.001643	59.61	PK-U	37.8	-40.5	0	56.91	-	-	74	-17.09	-	-	241	121	V
	* 11.002541	46.98	ADR	37.8	-40.5	1.17	45.45	54	-8.55	-	-	-	-	241	121	V
	16.510187	53.01	PK-U	41.9	-38.2	0	56.71	-	-	-	-	68.2	-11.49	284	181	V
6	16.510446	40.84	ADR	41.9	-38.2	1.17	45.71	-	-	-	-	-	-	284	181	V
	16.512711	40.97	ADR	41.9	-38.2	1.17	45.84	-	-	-	-	-	-	20	166	H
	16.512906	52.46	PK-U	41.9	-38.2	0	56.16	-	-	-	-	68.2	-12.04	20	166	H

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

MID CHANNEL RESULTS



HORIZONTAL



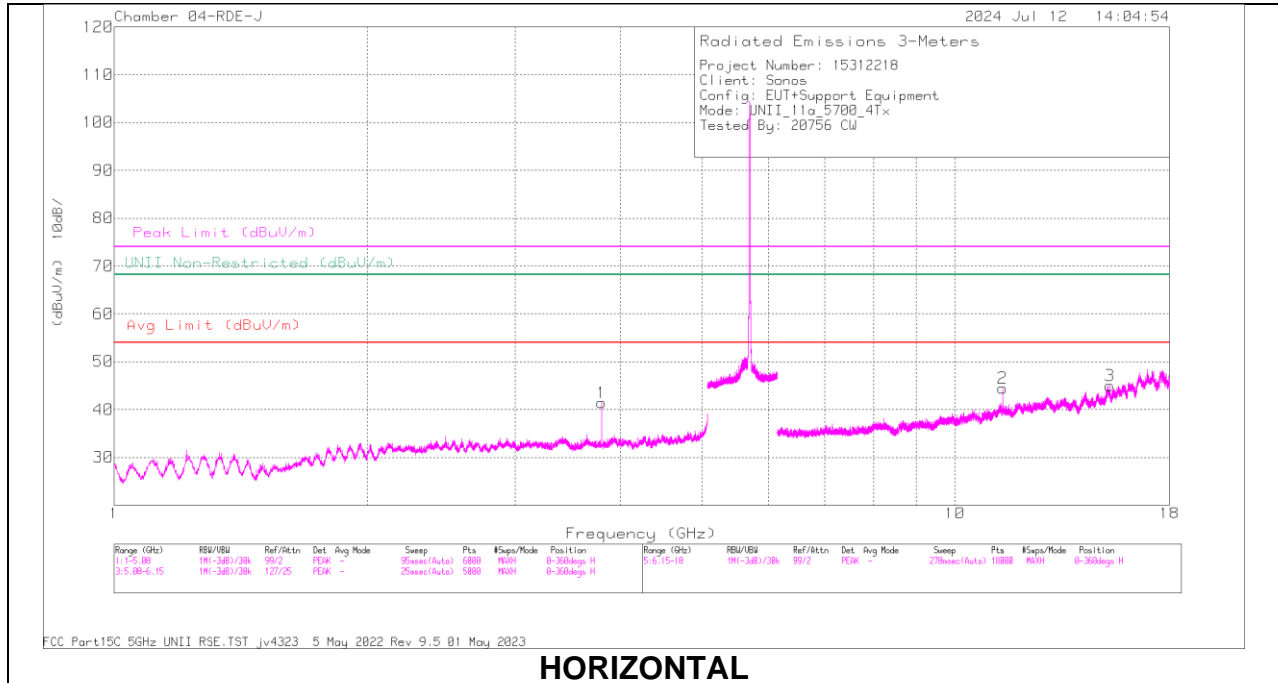
VERTICAL

RADIATED EMISSIONS

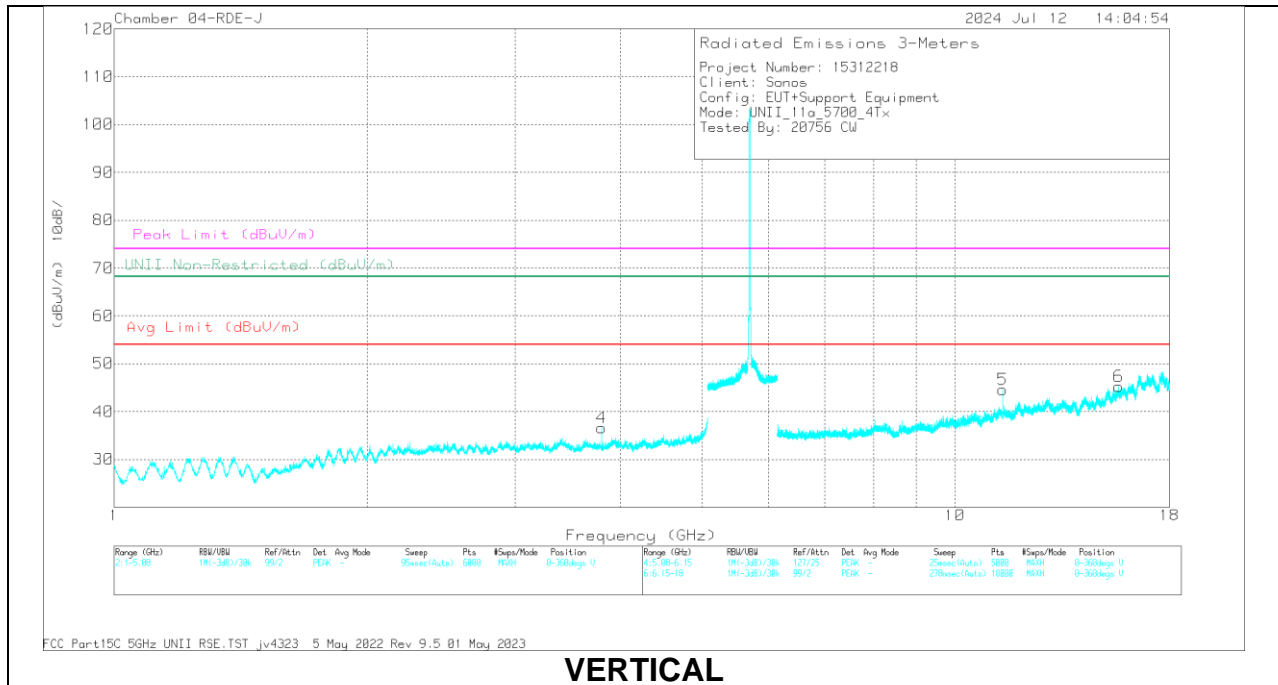
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.719898	60.51	PK-U	33.2	-44.4	0	49.31	-	-	74	-24.69	-	-	141	225	H
	* 3.719992	54.72	ADR	33.2	-44.4	1.17	44.69	54	-9.31	-	-	-	-	141	225	H
4	* 3.719909	58.01	PK-U	33.2	-44.4	0	46.81	-	-	74	-27.19	-	-	129	103	V
	* 3.720034	50.72	ADR	33.2	-44.4	1.17	40.69	54	-13.31	-	-	-	-	129	103	V
2	* 11.161361	58.36	PK-U	37.9	-40.4	0	55.86	-	-	74	-18.14	-	-	263	215	H
	* 11.16154	45.8	ADR	37.9	-40.4	1.17	44.47	54	-9.53	-	-	-	-	263	215	H
5	* 11.16345	46.75	ADR	37.9	-40.4	1.17	45.42	54	-8.58	-	-	-	-	265	327	V
	* 11.164886	60.1	PK-U	37.9	-40.5	0	57.5	-	-	74	-16.5	-	-	265	327	V
3	16.258343	53.67	PK-U	41.4	-38.6	0	56.47	-	-	-	-	68.2	-11.73	5	345	H
	16.2584	41.62	ADR	41.4	-38.6	1.17	45.59	-	-	-	-	-	-	5	345	H
6	16.598745	53.09	PK-U	42.1	-38.6	0	56.59	-	-	-	-	68.2	-11.61	94	365	V
	16.598901	41.22	ADR	42.1	-38.6	1.17	45.89	-	-	-	-	-	-	94	365	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 (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (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	* 3.799928	58.91	PK-U	33.4	-44.5	0	47.81	-	-	74	-26.19	-	-	148	104	H
	* 3.800054	52.5	ADR	33.4	-44.5	1.17	42.57	54	-11.43	-	-	-	-	148	104	H
4	* 3.799862	56.75	PK-U	33.4	-44.5	0	45.65	-	-	74	-28.35	-	-	279	211	V
	* 3.800016	47.56	ADR	33.4	-44.5	1.17	37.63	54	-16.37	-	-	-	-	279	211	V
2	* 11.400681	58.35	PK-U	38.1	-41.2	0	55.25	-	-	74	-18.75	-	-	308	105	H
	* 11.401288	45.89	ADR	38.1	-41.2	1.17	43.96	54	-10.04	-	-	-	-	308	105	H
5	* 11.40566	59.9	PK-U	38.1	-41.2	0	56.8	-	-	74	-17.2	-	-	288	221	V
	* 11.405695	46.71	ADR	38.1	-41.2	1.17	44.78	54	-9.22	-	-	-	-	288	221	V
6	* 15.653564	53.89	PK-U	40.7	-39.5	0	55.09	-	-	74	-18.91	-	-	120	257	V
	* 15.653616	42.09	ADR	40.7	-39.5	1.17	44.46	54	-9.54	-	-	-	-	120	257	V
3	15.282828	42.24	ADR	40.2	-39.6	1.17	44.01	-	-	-	-	-	-	31	235	H
	15.282872	53.72	PK-U	40.2	-39.6	0	54.32	-	-	-	-	68.2	-13.88	31	235	H

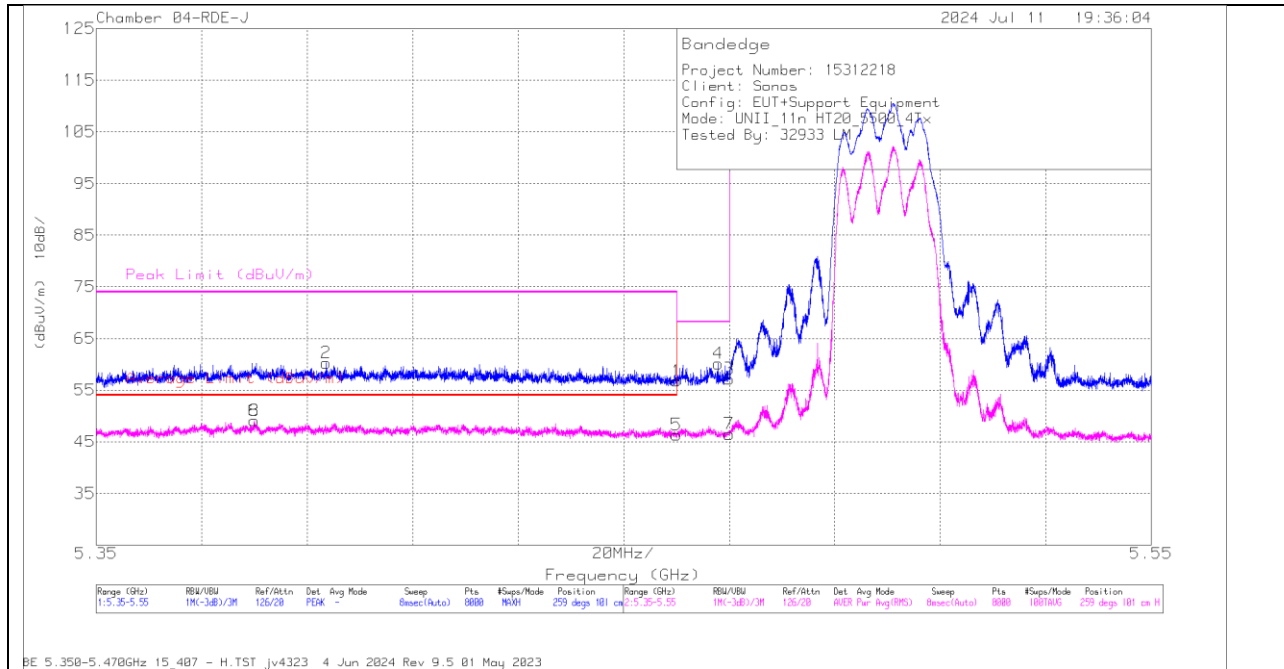
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

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

BANDEDGE (LOW CHANNEL)

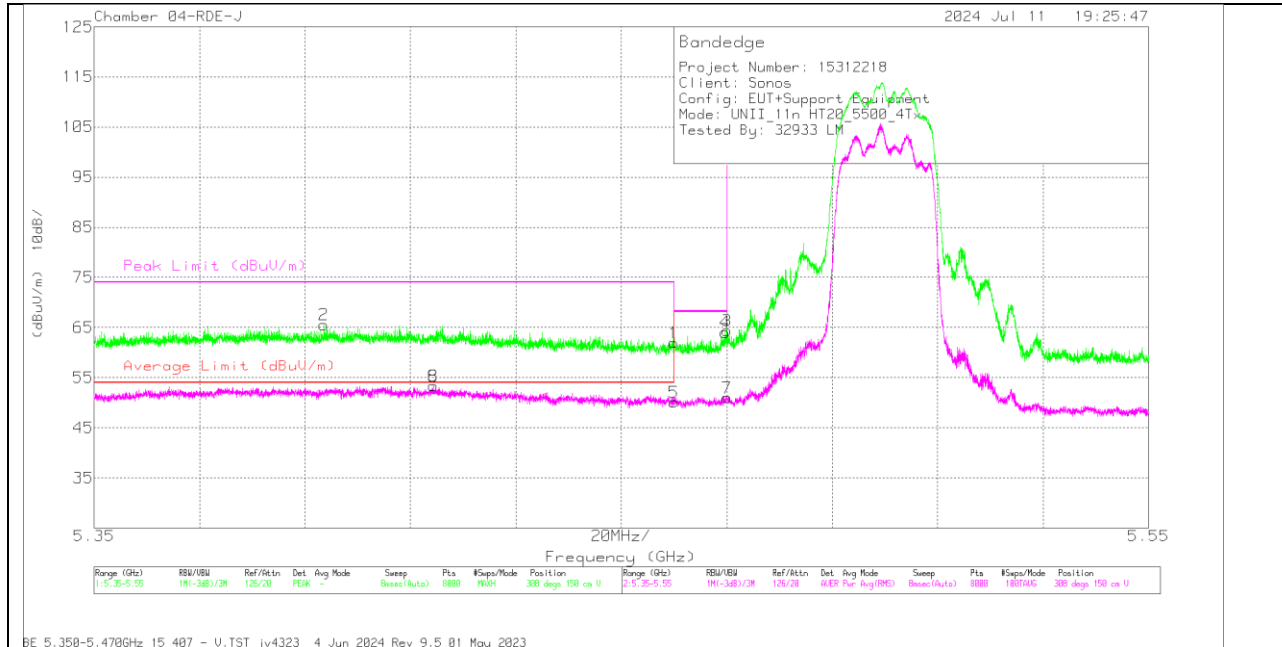
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	56.37	Pk	34.9	-34.5	0	56.77	-	-	68.2	-11.43	259	101	H
2	* 5.39358	59.86	Pk	35	-34.6	0	60.26	-	-	74	-13.74	259	101	H
5	* 5.46	44.89	RMS	34.9	-34.5	1.03	46.32	54	-7.68	-	-	259	101	H
6	* 5.379954	47.64	RMS	35	-34.6	1.03	49.07	54	-4.93	-	-	259	101	H
8	* 5.379954	47.64	RMS	35	-34.6	1.03	49.07	54	-4.93	-	-	259	101	H
4	5.467914	59.84	Pk	34.8	-34.5	0	60.14	-	-	68.2	-8.06	259	101	H
3	5.47	56.75	Pk	34.8	-34.4	0	57.15	-	-	68.2	-11.05	259	101	H
7	5.47	45.06	RMS	34.8	-34.4	1.03	46.49	-	-	-	-	259	101	H

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

VERTICAL RESULT

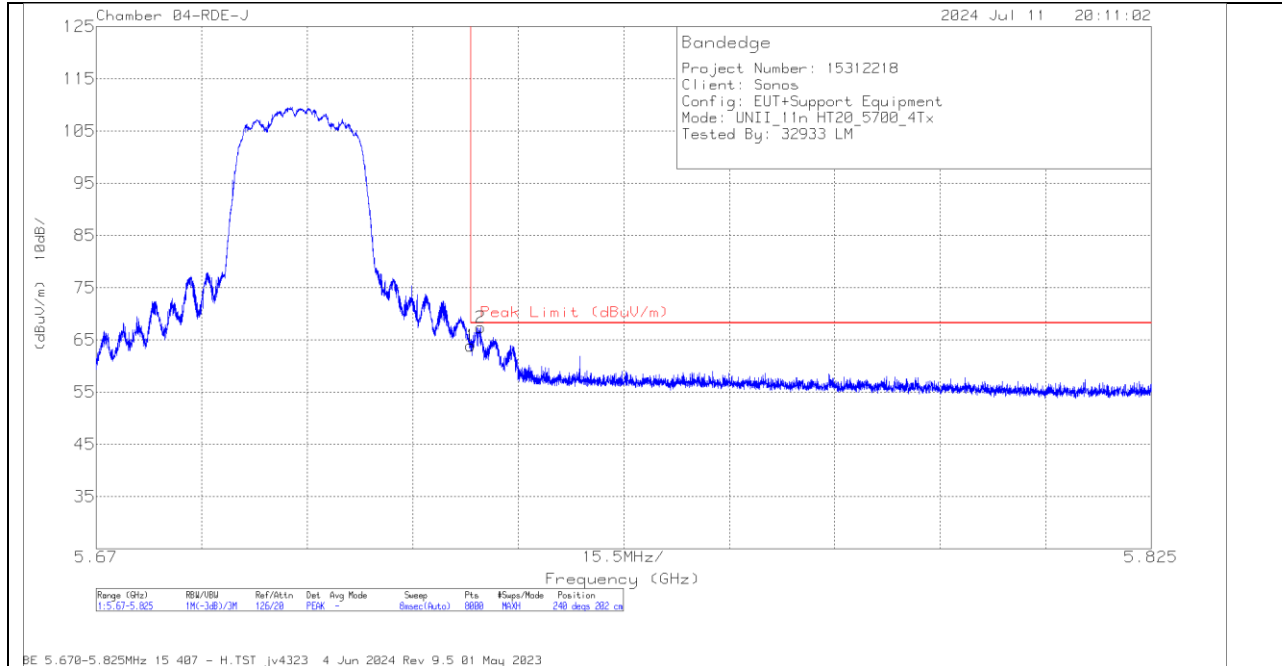


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	61.58	Pk	34.9	-34.5	0	61.98	-	-	68.2	-6.22	308	150	V
2	* 5.393605	65.1	Pk	35	-34.6	0	65.5	-	-	74	-8.5	308	150	V
5	* 5.46	48.66	RMS	34.9	-34.5	1.03	50.09	54	-3.91	-	-	308	150	V
6	* 5.414308	51.91	RMS	35	-34.6	1.03	53.34	54	-6.66	-	-	308	150	V
8	* 5.414308	51.91	RMS	35	-34.6	1.03	53.34	54	-6.66	-	-	308	150	V
4	5.469739	63.61	Pk	34.8	-34.4	0	64.01	-	-	68.2	-4.19	308	150	V
3	5.47	63.96	Pk	34.8	-34.4	0	64.36	-	-	68.2	-3.84	308	150	V
7	5.47	49.53	RMS	34.8	-34.4	1.03	50.96	-	-	-	-	308	150	V

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

BANDEDGE (HIGH CHANNEL)

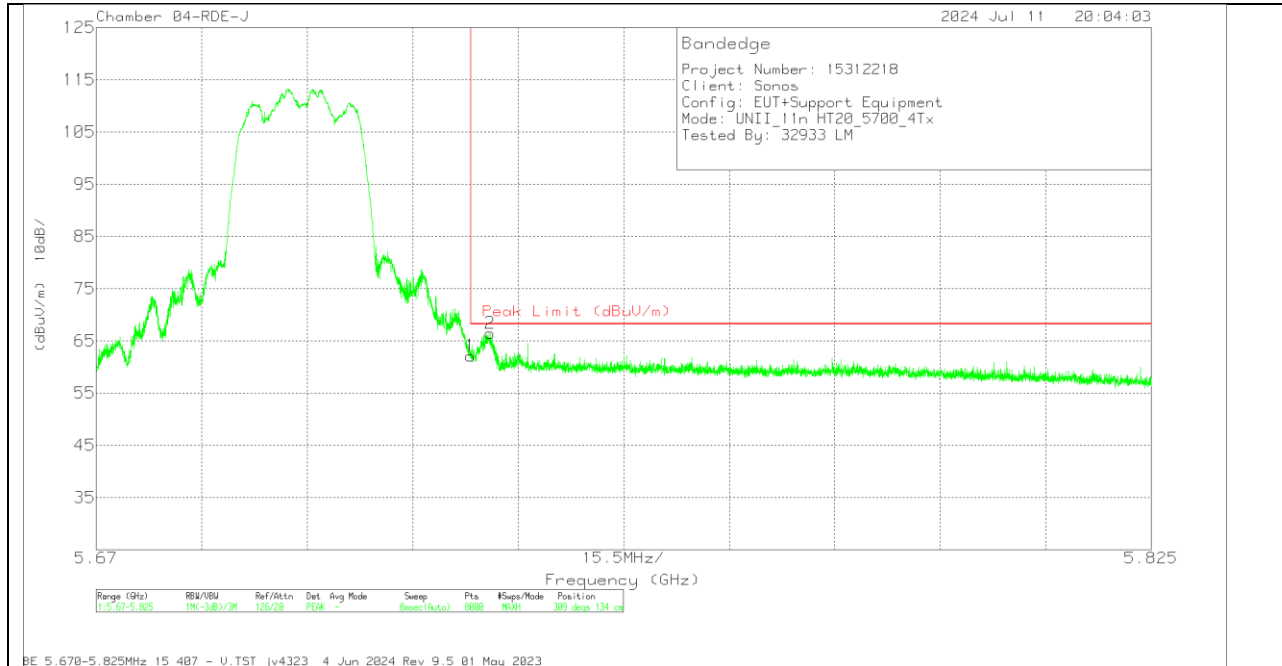
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	62.97	Pk	34.7	-33.8	63.87	68.2	-4.33	240	202	H
2	5.726484	66.38	Pk	34.7	-33.7	67.38	68.2	-0.82	240	202	H

Pk - Peak detector

VERTICAL RESULT

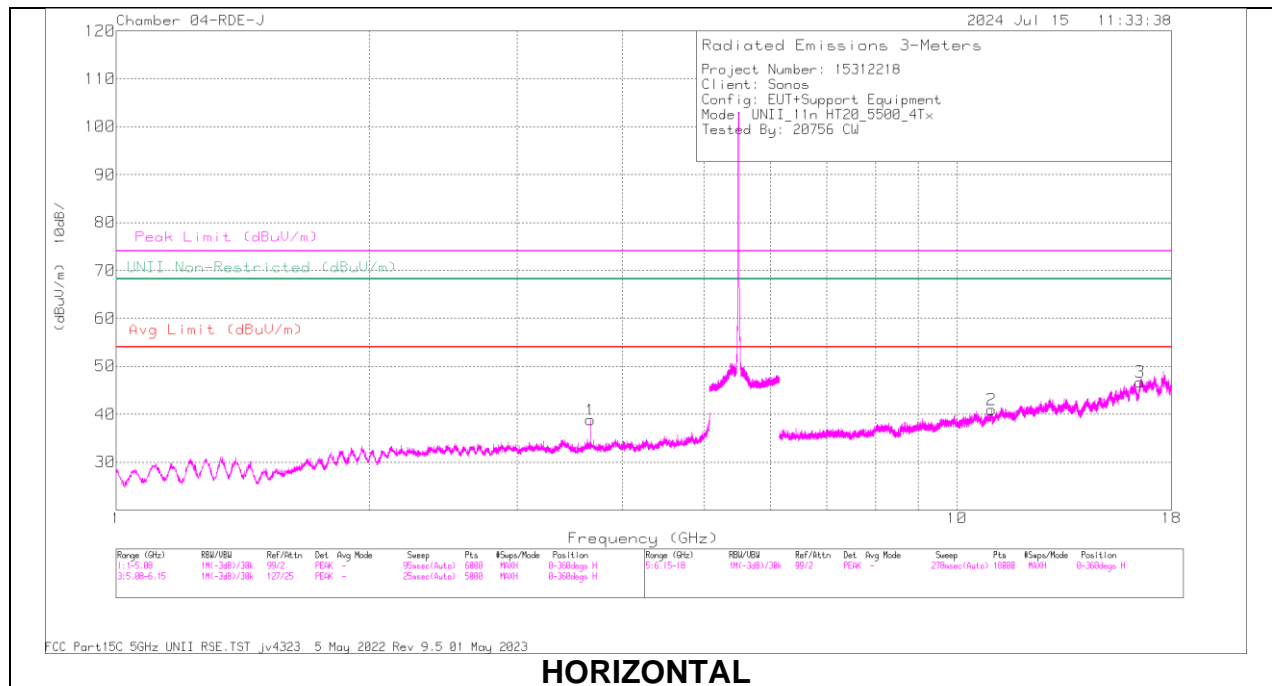


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cb/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	61.25	Pk	34.7	-33.8	62.15	68.2	-6.05	309	134	V
2	5.72784	65.55	Pk	34.7	-33.8	66.45	68.2	-1.75	309	134	V

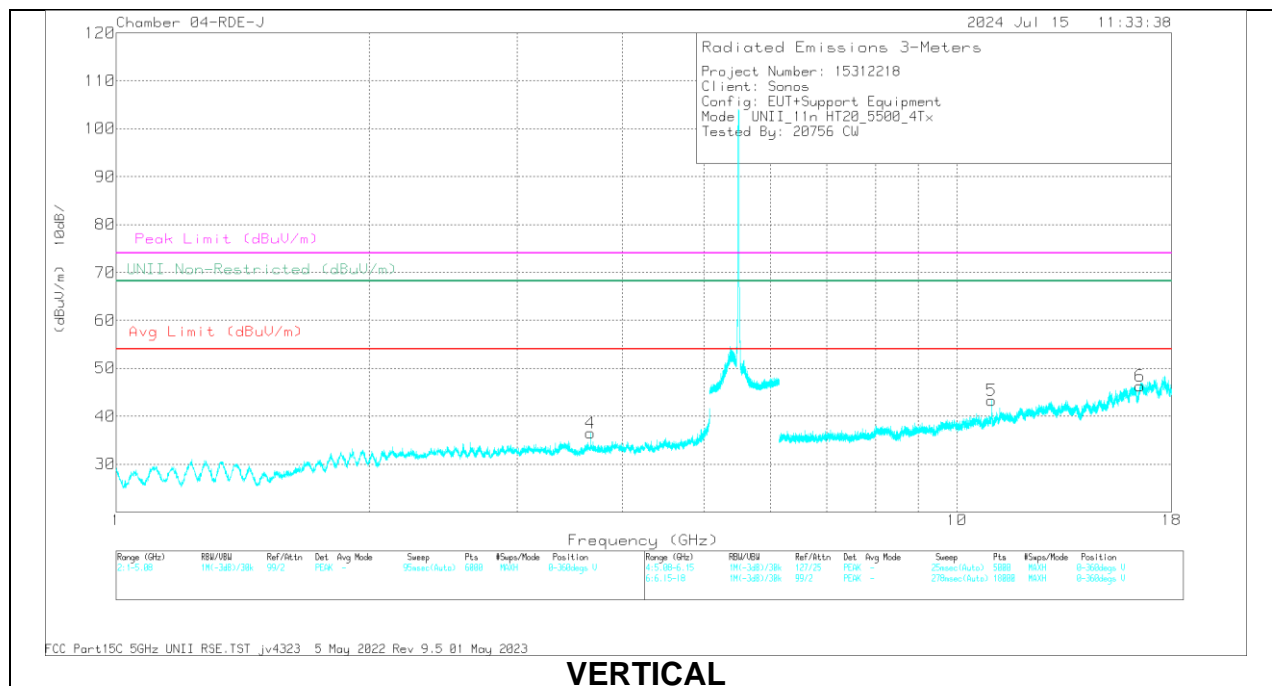
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



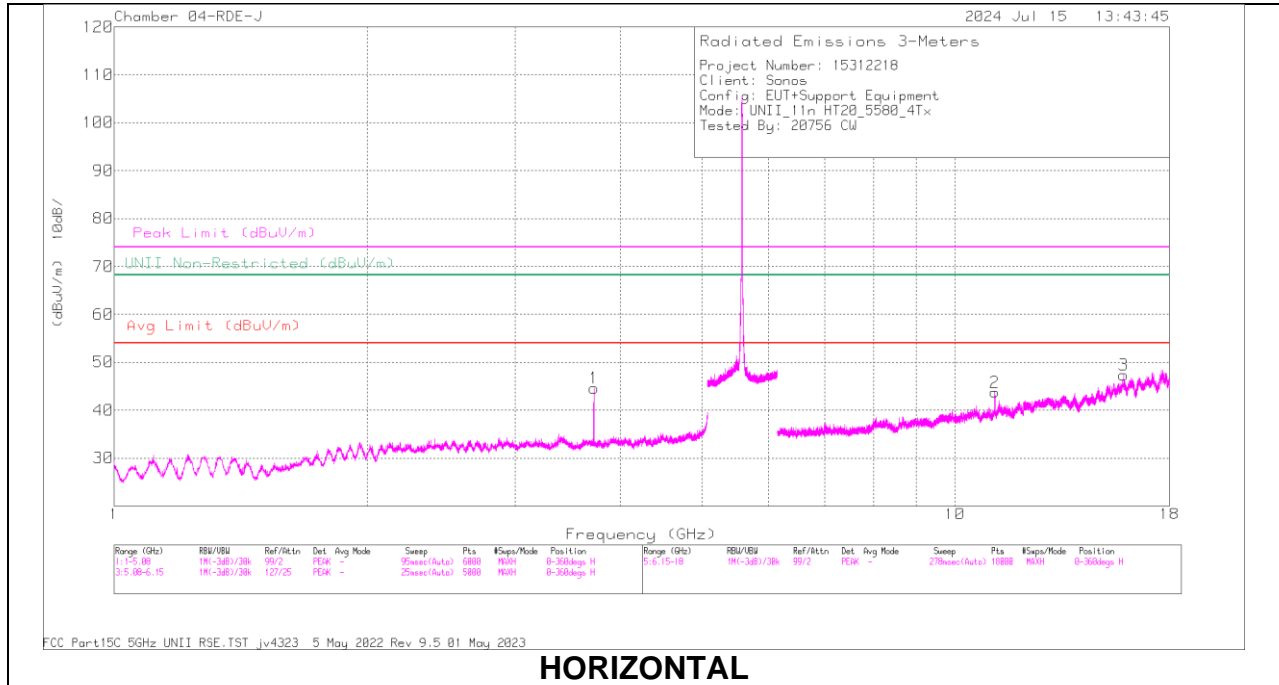
VERTICAL

RADIATED EMISSIONS

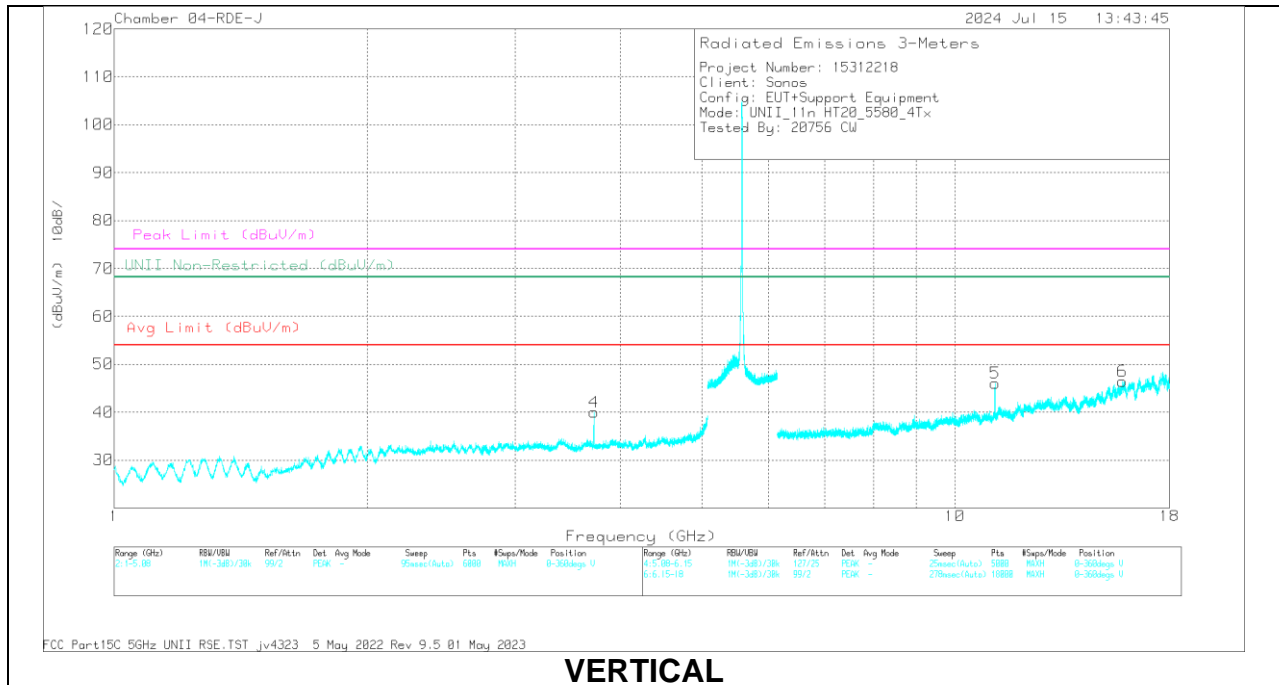
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.666643	58.72	PK-U	33.1	-44.5	0	47.32	-	-	74	-26.68	-	-	215	104	H
	* 3.666733	50.8	ADR	33.1	-44.5	1.03	40.43	54	-13.57	-	-	-	-	215	104	H
4	* 3.667092	56.8	PK-U	33.1	-44.5	0	45.4	-	-	74	-28.6	-	-	123	360	V
	* 3.666539	46.63	ADR	33.1	-44.5	1.03	36.26	54	-17.74	-	-	-	-	123	360	V
2	* 10.997003	41.29	ADR	37.8	-40.4	1.03	39.72	54	-14.28	-	-	-	-	205	175	H
	* 10.997461	52.51	PK-U	37.8	-40.4	0	49.91	-	-	74	-24.09	-	-	205	175	H
5	* 11.000816	61.05	PK-U	37.8	-40.5	0	58.35	-	-	74	-15.65	-	-	236	102	V
	* 11.000884	46.92	ADR	37.8	-40.5	1.03	45.25	54	-8.75	-	-	-	-	236	102	V
6	16.506524	52.61	PK-U	41.9	-38.3	0	56.21	-	-	-	-	68.2	-11.99	262	152	V
	16.506606	41.1	ADR	41.9	-38.3	1.03	45.73	-	-	-	-	-	-	262	152	V
3	16.513445	52.67	PK-U	41.9	-38.3	0	56.27	-	-	-	-	68.2	-11.93	20	161	H
	16.513446	41.11	ADR	41.9	-38.3	1.03	45.74	-	-	-	-	-	-	20	161	H

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

MID CHANNEL RESULTS



HORIZONTAL



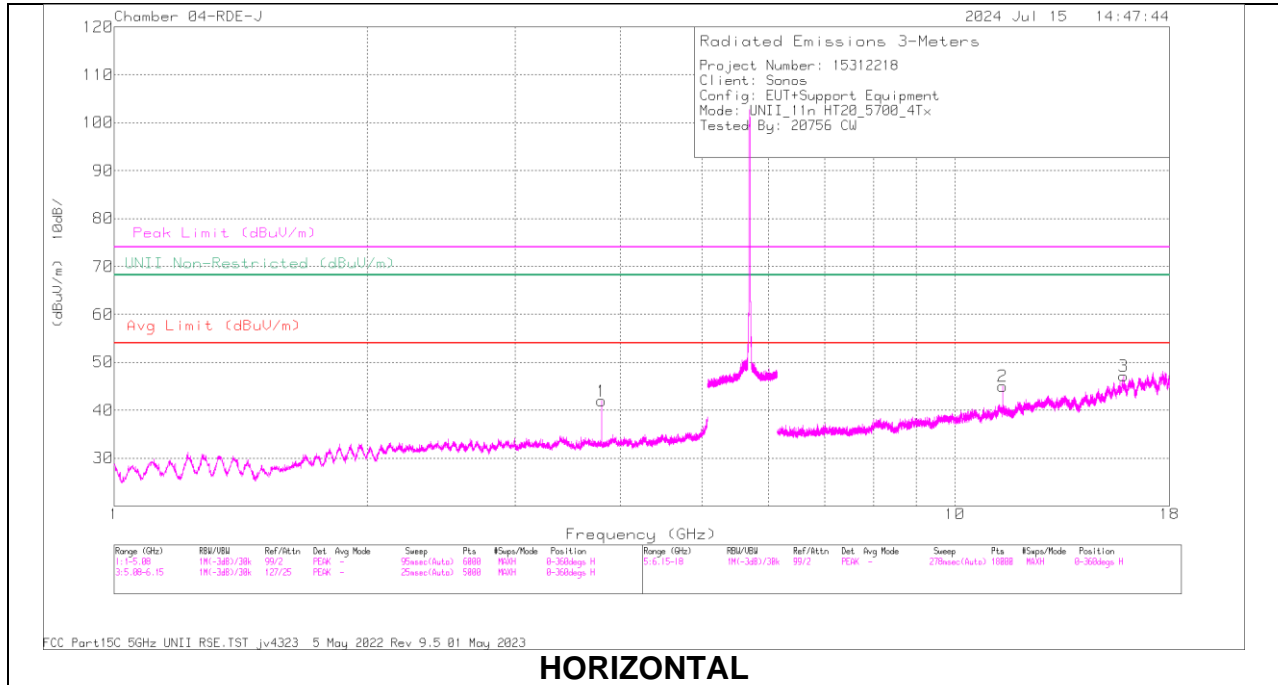
VERTICAL

RADIATED EMISSIONS

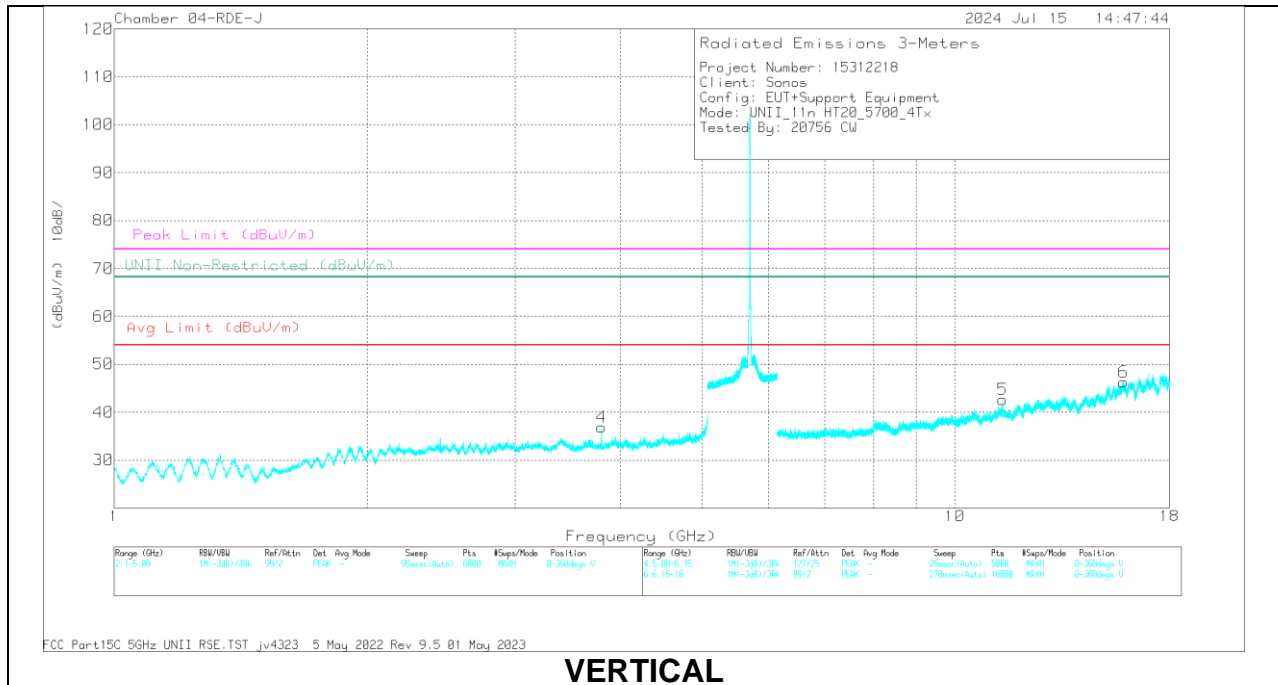
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.72007	60.78	PK-U	33.2	-44.4	0	49.58	-	-	74	-24.42	134	204	H
	* 3.720019	54.8	ADR	33.2	-44.4	1.03	44.63	54	-9.37	-	-	134	204	H
4	* 3.720258	57.93	PK-U	33.2	-44.4	0	46.73	-	-	74	-27.27	120	116	V
	* 3.719906	49.86	ADR	33.2	-44.4	1.03	39.69	54	-14.31	-	-	120	116	V
5	* 11.15807	47.2	ADR	37.9	-40.5	1.03	45.63	54	-8.37	-	-	291	124	V
	* 11.158092	60.2	PK-U	37.9	-40.5	0	57.6	-	-	74	-16.4	291	124	V
2	* 11.1605	43.07	ADR	37.9	-40.4	1.03	41.6	54	-12.4	-	-	199	127	H
	* 11.160765	56.53	PK-U	37.9	-40.4	0	54.03	-	-	74	-19.97	199	127	H
6	* 15.828697	42.84	ADR	41	-39.3	1.03	45.57	54	-8.43	-	-	177	346	V
	* 15.828789	54.53	PK-U	41	-39.3	0	56.23	-	-	74	-17.77	177	346	V
3	* 15.871666	54.38	PK-U	41.1	-39.1	0	56.38	-	-	74	-17.62	258	293	H
	* 15.871828	43	ADR	41.1	-39.1	1.03	46.03	54	-7.97	-	-	258	293	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (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	* 3.799975	58.83	PK-U	33.4	-44.5	0	47.73	-	-	74	-26.27	144	103	H
	* 3.799907	51.88	ADR	33.4	-44.5	1.03	41.81	54	-12.19	-	-	144	103	H
4	* 3.800273	56.88	PK-U	33.4	-44.5	0	45.78	-	-	74	-28.22	281	283	V
	* 3.799922	47.3	ADR	33.4	-44.5	1.03	37.23	54	-16.77	-	-	281	283	V
5	* 11.394924	45.92	ADR	38.1	-41.3	1.03	43.75	54	-10.25	-	-	242	226	V
	* 11.395062	59.05	PK-U	38.1	-41.3	0	55.85	-	-	74	-18.15	242	226	V
2	* 11.400538	45.35	ADR	38.1	-41.2	1.03	43.28	54	-10.72	-	-	305	222	H
	* 11.400657	59.38	PK-U	38.1	-41.2	0	56.28	-	-	74	-17.72	305	222	H
3	* 15.880043	55.12	PK-U	41.1	-38.8	0	57.42	-	-	74	-16.58	132	156	H
	* 15.880083	42.62	ADR	41.1	-38.8	1.03	45.95	54	-8.05	-	-	132	156	H
6	* 15.881391	54.49	PK-U	41.1	-38.8	0	56.79	-	-	74	-17.21	260	382	V
	* 15.881481	42.61	ADR	41.1	-38.8	1.03	45.94	54	-8.06	-	-	260	382	V

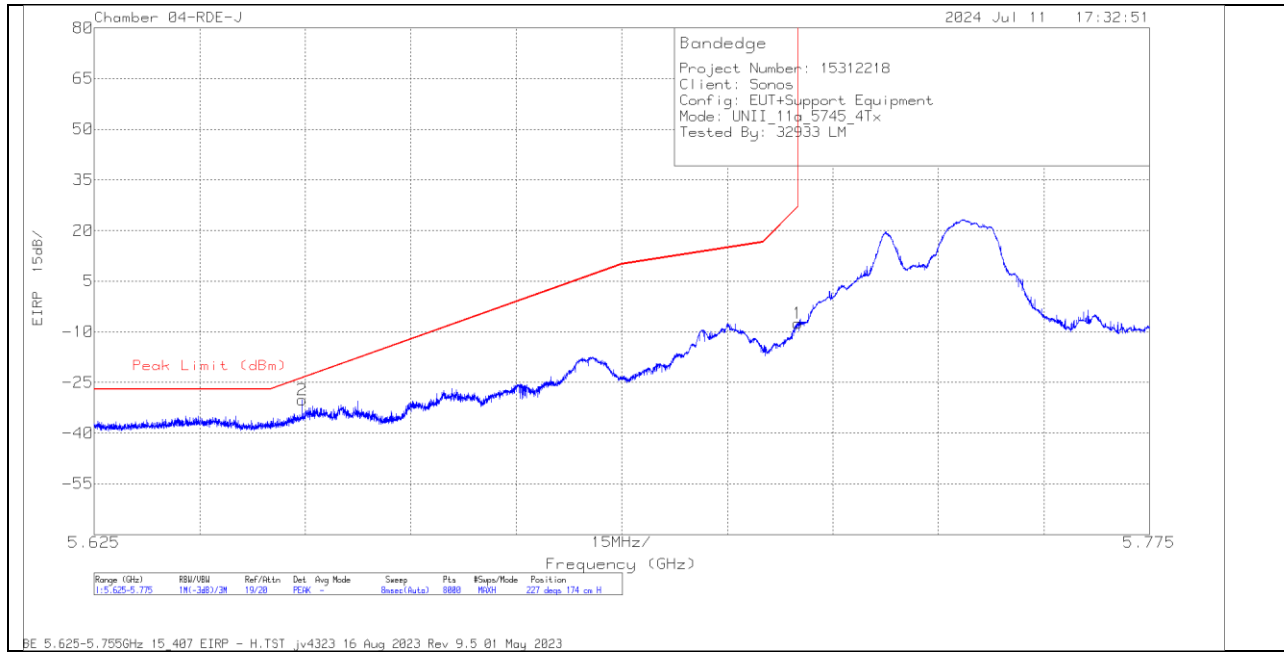
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

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

BANDEDGE (LOW CHANNEL)

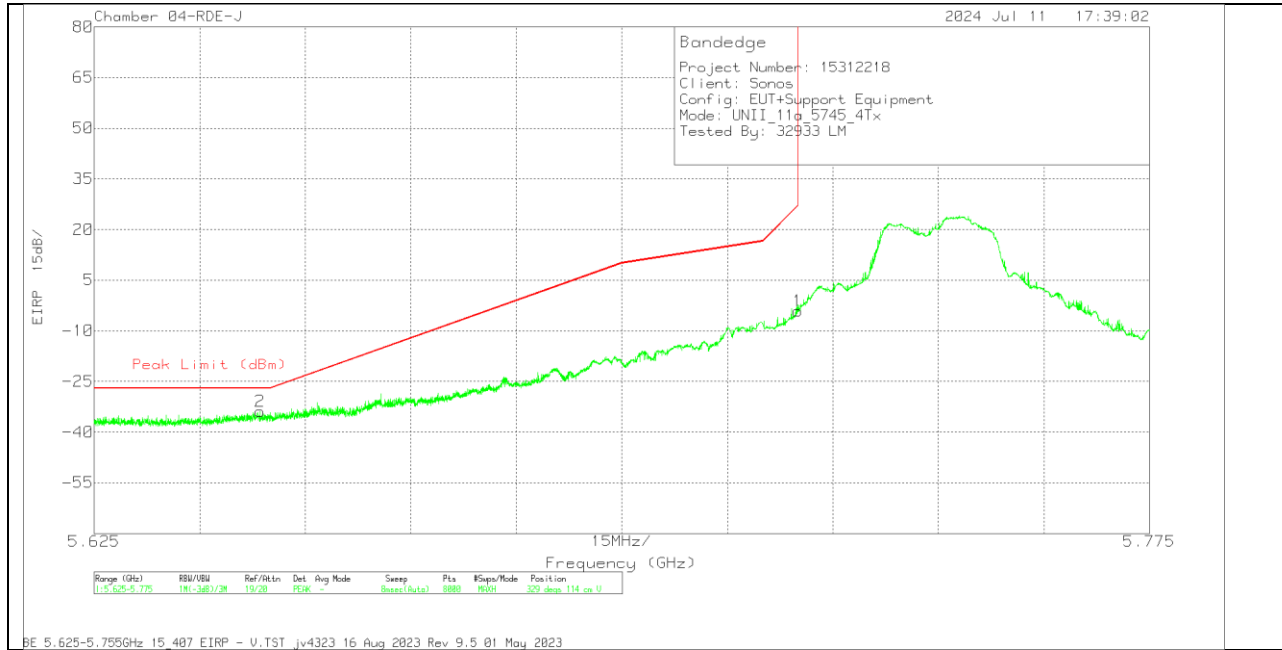
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP (dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.654553	-42.58	Pk	34.6	-34	11.8	-30.18	-23.63	-6.55	227	174	H
1	5.725	-20.23	Pk	34.7	-33.8	11.8	-7.53	27	-34.53	227	174	H

Pk - Peak detector

VERTICAL RESULT

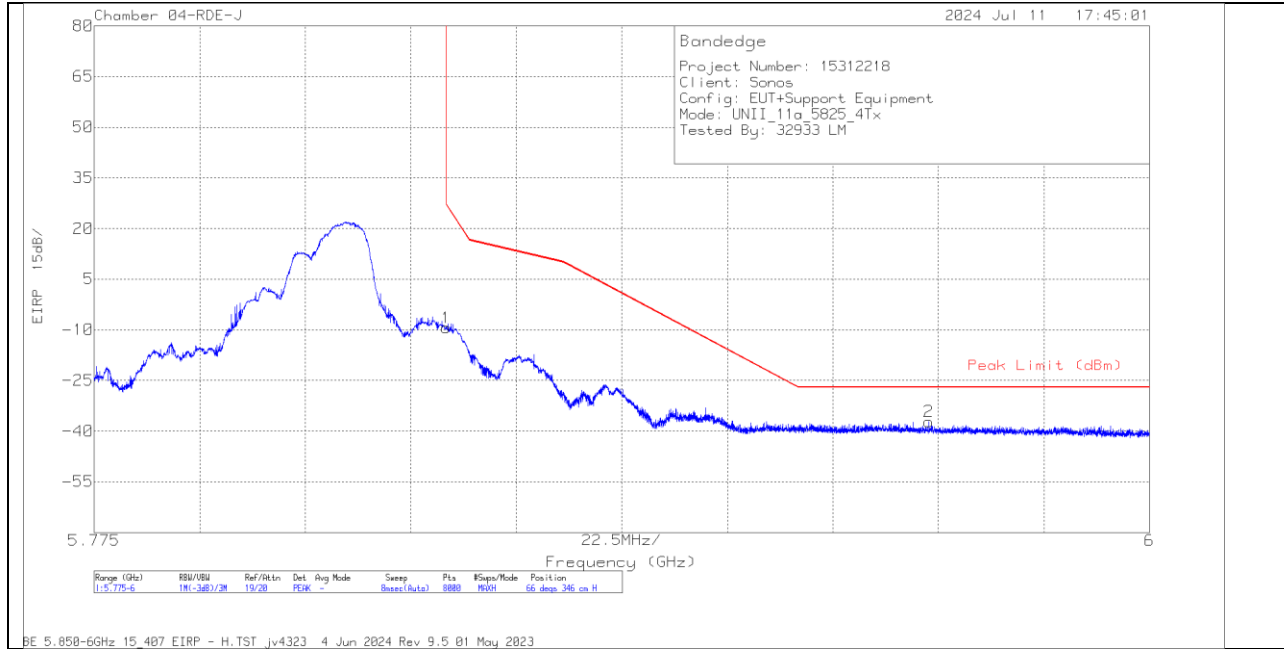


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64859	-46.18	Pk	34.6	-34	11.8	-33.78	-27	-6.78	329	114	V
1	5.725	-16.75	Pk	34.7	-33.8	11.8	-4.05	27	-31.05	329	114	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

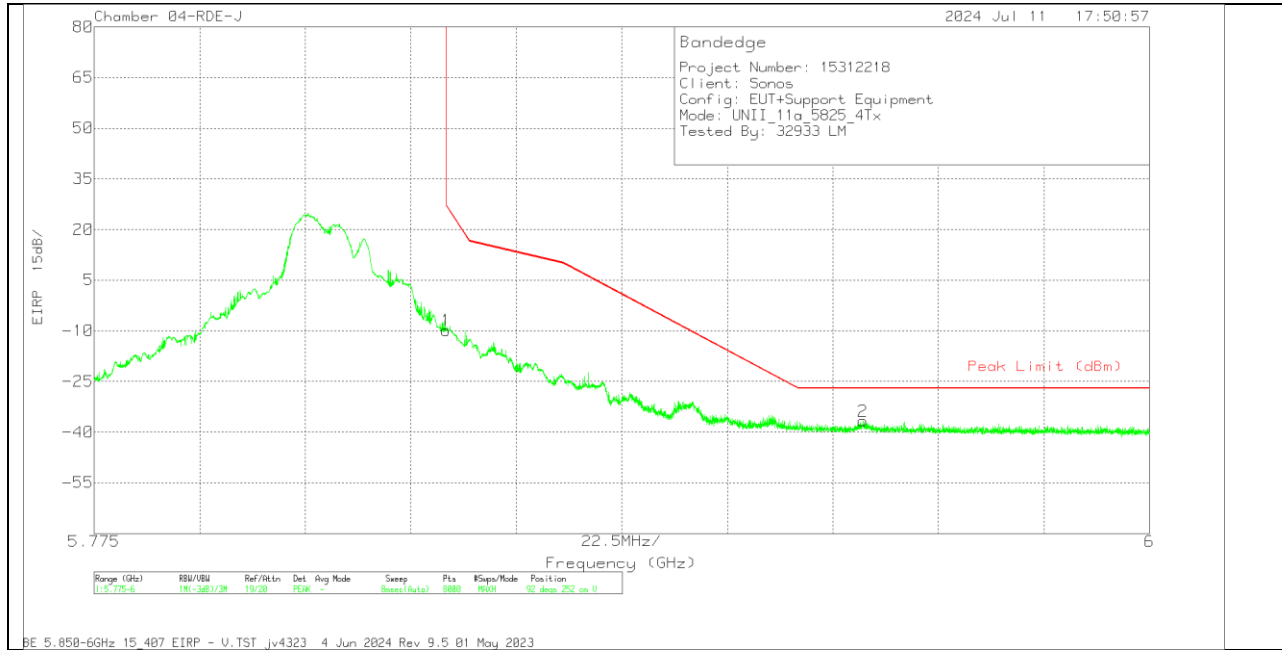
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-22.41	Pk	34.8	-33.6	11.8	-9.41	27	-36.41	66	346	H
2	5.952944	-50.65	Pk	35	-33.4	11.8	-37.25	-27	-10.25	66	346	H

Pk - Peak detector

VERTICAL RESULT

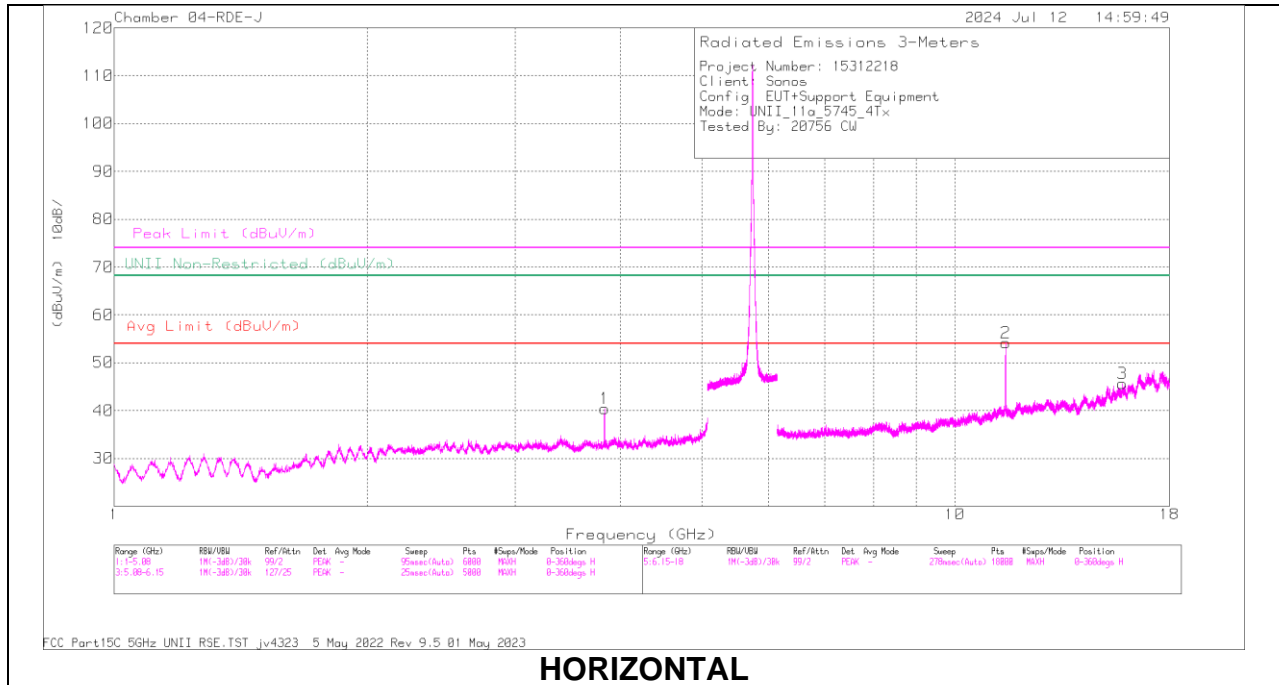


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-22.91	Pk	34.8	-33.6	11.8	-9.91	27	-36.91	92	252	V
2	5.938908	-50.12	Pk	35	-33.4	11.8	-36.72	-27	-9.72	92	252	V

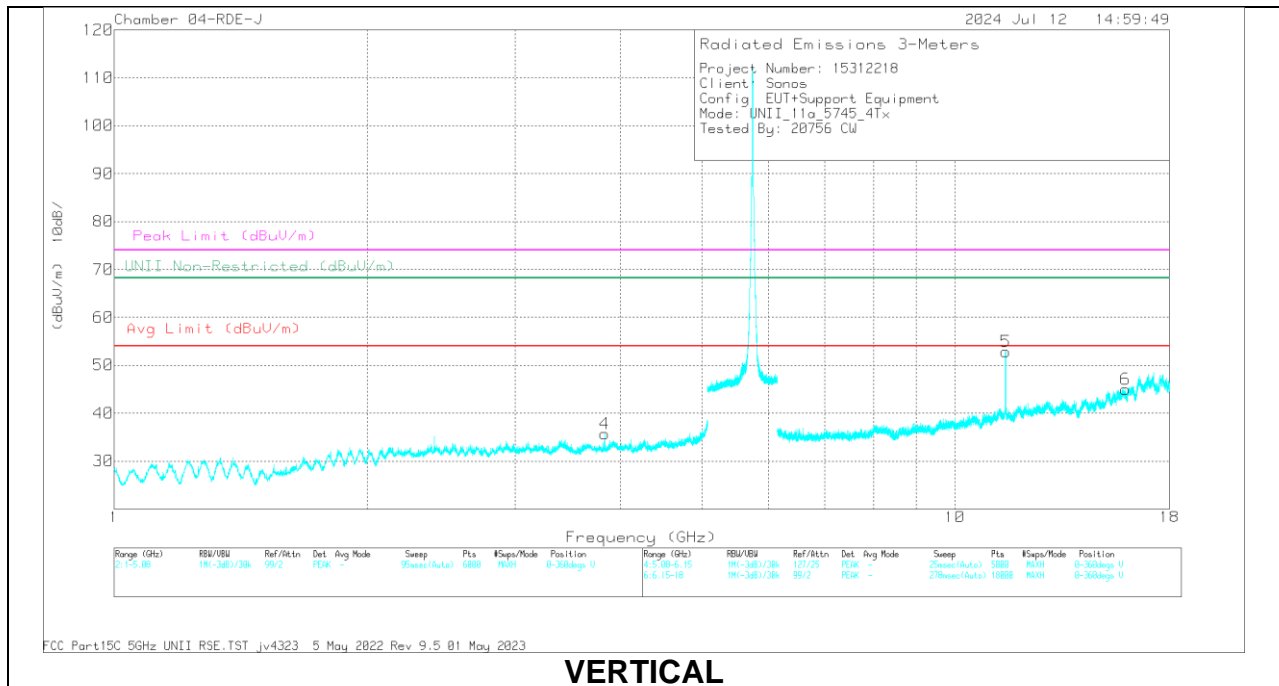
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



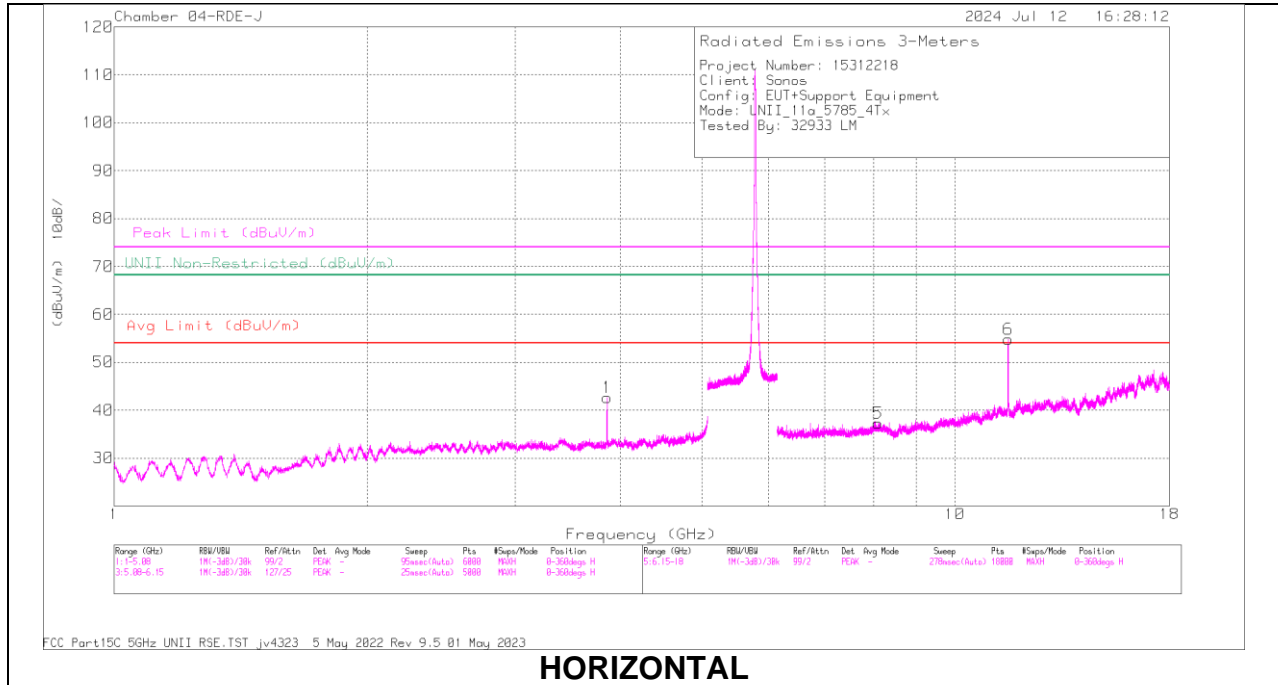
VERTICAL

RADIATED EMISSIONS

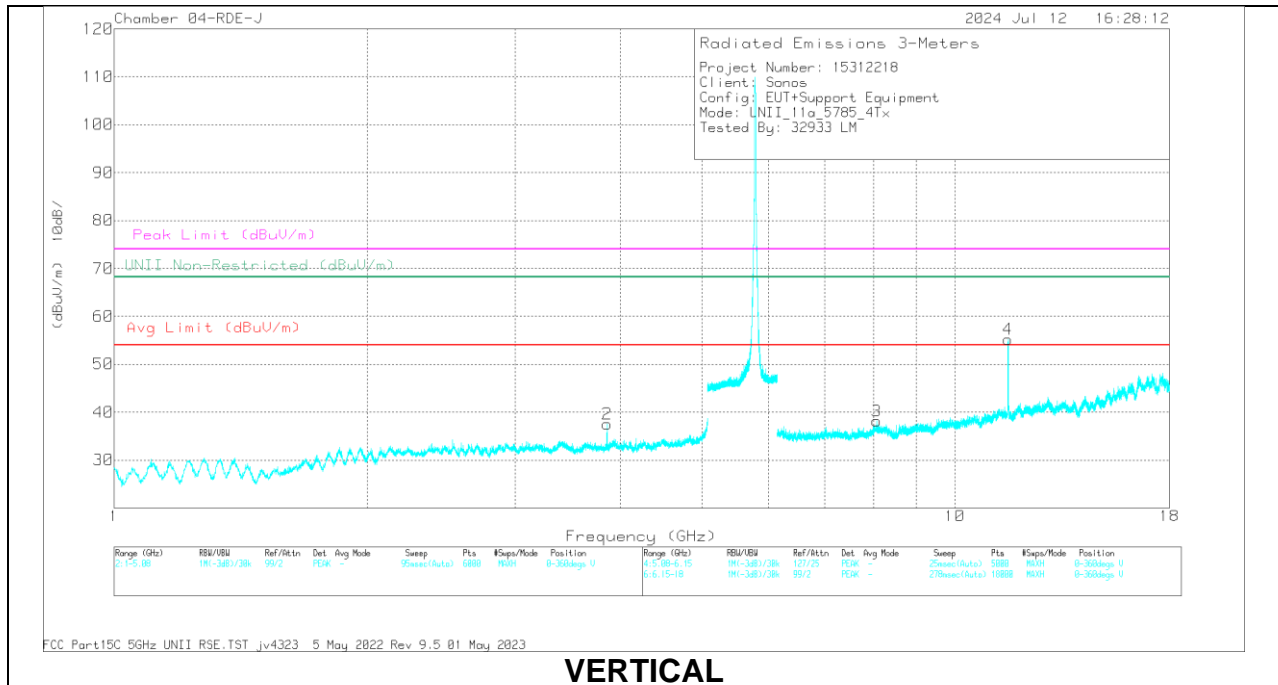
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.830095	58.62	PK-U	33.4	-44.4	0	47.62	-	-	74	-26.38	-	-	147	105	H
	* 3.830066	51.1	ADR	33.4	-44.4	1.17	41.27	54	-12.73	-	-	-	-	147	105	H
4	* 3.829908	57	PK-U	33.4	-44.4	0	46	-	-	74	-28	-	-	111	149	V
	* 3.830045	47.48	ADR	33.4	-44.4	1.17	37.65	54	-16.35	-	-	-	-	111	149	V
5	* 11.489343	64.93	PK-U	38.2	-40.6	0	62.53	-	-	74	-11.47	-	-	174	116	V
	* 11.490262	53.68	ADR	38.2	-40.6	1.17	52.45	54	-1.55	-	-	-	-	174	116	V
2	* 11.491431	54.62	ADR	38.2	-40.6	1.17	53.39	54	-61	-	-	-	-	311	115	H
	* 11.491598	66.26	PK-U	38.2	-40.6	0	63.86	-	-	74	-10.14	-	-	311	115	H
3	* 15.820322	54	PK-U	41	-39.3	0	55.7	-	-	74	-18.3	-	-	354	104	H
	* 15.820394	42.45	ADR	41	-39.3	1.17	45.32	54	-8.68	-	-	-	-	354	104	H
6	* 15.952277	52.91	PK-U	41.2	-39.3	0	54.81	-	-	74	-19.19	-	-	216	126	V
	* 15.952427	41.24	ADR	41.2	-39.3	1.17	44.31	54	-9.69	-	-	-	-	216	126	V

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

MID CHANNEL RESULTS



HORIZONTAL



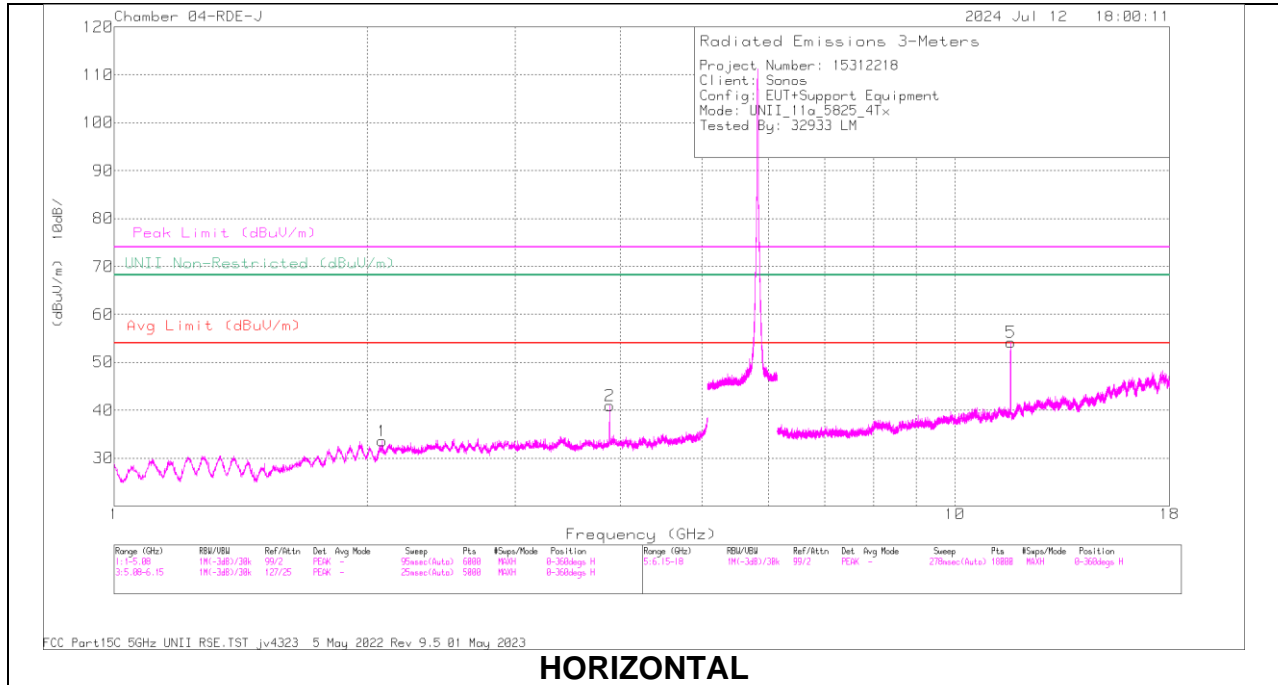
VERTICAL

RADIATED EMISSIONS

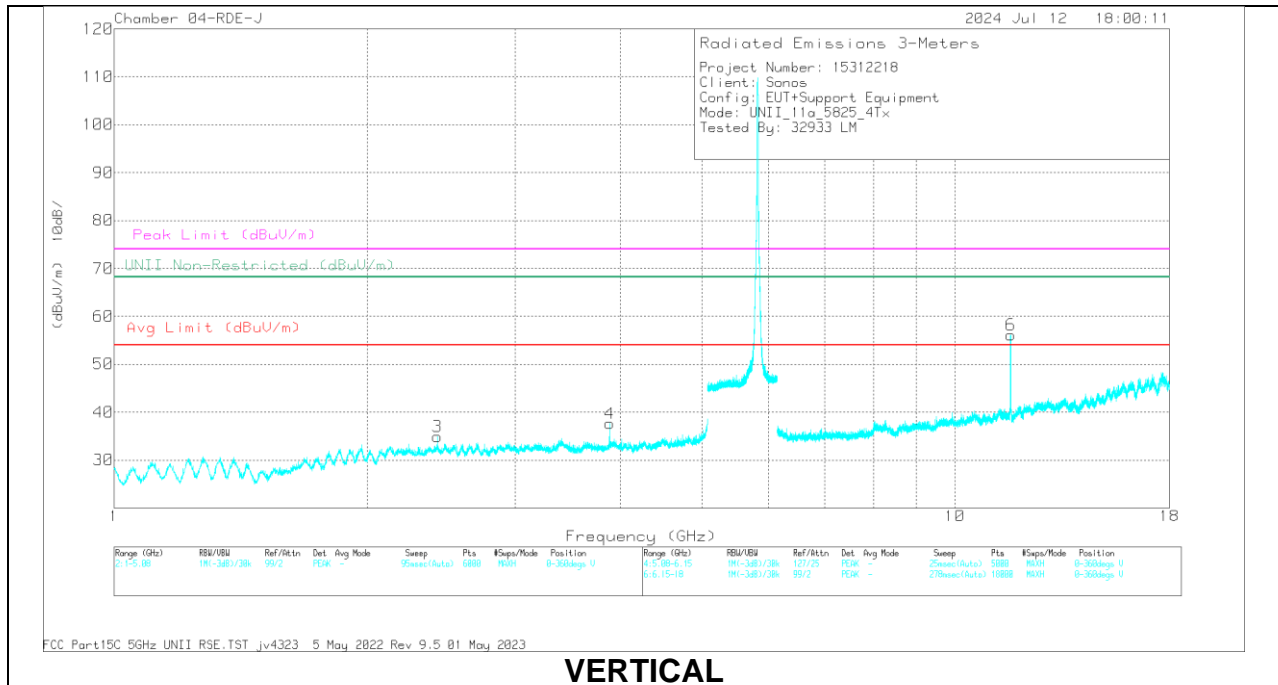
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.85672	58.99	PK-U	33.4	-44.4	0	47.99	-	-	74	-26.01	-	-	149	138	H
	* 3.856704	52.23	ADR	33.4	-44.4	1.17	42.4	54	-11.6	-	-	-	-	149	138	H
2	* 3.856885	55.92	PK-U	33.4	-44.4	0	44.92	-	-	74	-29.08	-	-	150	104	V
	* 3.856751	45.73	ADR	33.4	-44.4	1.17	35.9	54	-18.1	-	-	-	-	150	104	V
6	* 11.571867	66.61	PK-U	38.3	-40.2	0	64.71	-	-	74	-9.29	-	-	263	236	H
	* 11.572118	54.17	ADR	38.3	-40.2	1.17	53.44	54	-5.6	-	-	-	-	263	236	H
4	* 11.568833	65.3	PK-U	38.3	-40.2	0	63.4	-	-	74	-10.6	-	-	265	170	V
	* 11.567986	53.05	ADR	38.3	-40.3	1.17	52.22	54	-1.78	-	-	-	-	265	170	V
3	* 8.075012	40.61	ADR	35.9	-40.8	1.17	36.88	54	-17.12	-	-	-	-	264	304	V
	* 8.076384	52.6	PK-U	35.9	-40.7	0	47.8	-	-	74	-26.2	-	-	264	304	V
5	* 8.098391	40.92	ADR	35.9	-41	1.17	36.99	54	-17.01	-	-	-	-	15	306	H
	* 8.100746	52.28	PK-U	35.9	-41	0	47.18	-	-	74	-26.82	-	-	15	306	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (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
2	* 3.883356	58.1	PK-U	33.4	-44.5	0	47	-	-	74	-27	-	-	151	104	H
	* 3.883317	50.39	ADR	33.4	-44.5	1.17	40.46	54	-13.54	-	-	-	-	151	104	H
4	* 3.883293	56.33	PK-U	33.4	-44.5	0	45.23	-	-	74	-28.77	-	-	7	101	V
	* 3.883409	46.83	ADR	33.4	-44.5	1.17	36.9	54	-17.1	-	-	-	-	7	101	V
1	2.080002	45.67	ADR	31.5	-46.8	1.17	31.54	-	-	-	-	-	-	14	180	H
	2.082094	57.46	PK-U	31.5	-46.8	0	42.16	-	-	-	-	68.2	-26.04	14	180	H
3	2.424149	45.64	ADR	32.1	-46.4	1.17	32.51	-	-	-	-	-	-	179	138	V
	2.424167	57.36	PK-U	32.1	-46.4	0	43.06	-	-	-	-	68.2	-25.14	179	138	V
5	* 11.65064	64.05	PK-U	38.4	-40.2	0	62.25	-	-	74	-11.75	-	-	309	101	H
	* 11.650055	51.86	ADR	38.4	-40.1	1.17	51.33	54	-2.67	-	-	-	-	309	101	H
6	* 11.649503	65.87	PK-U	38.4	-40.1	0	64.17	-	-	74	-9.83	-	-	228	200	V
	* 11.650025	53.66	ADR	38.4	-40.1	1.17	53.13	54	-8.7	-	-	-	-	228	200	V

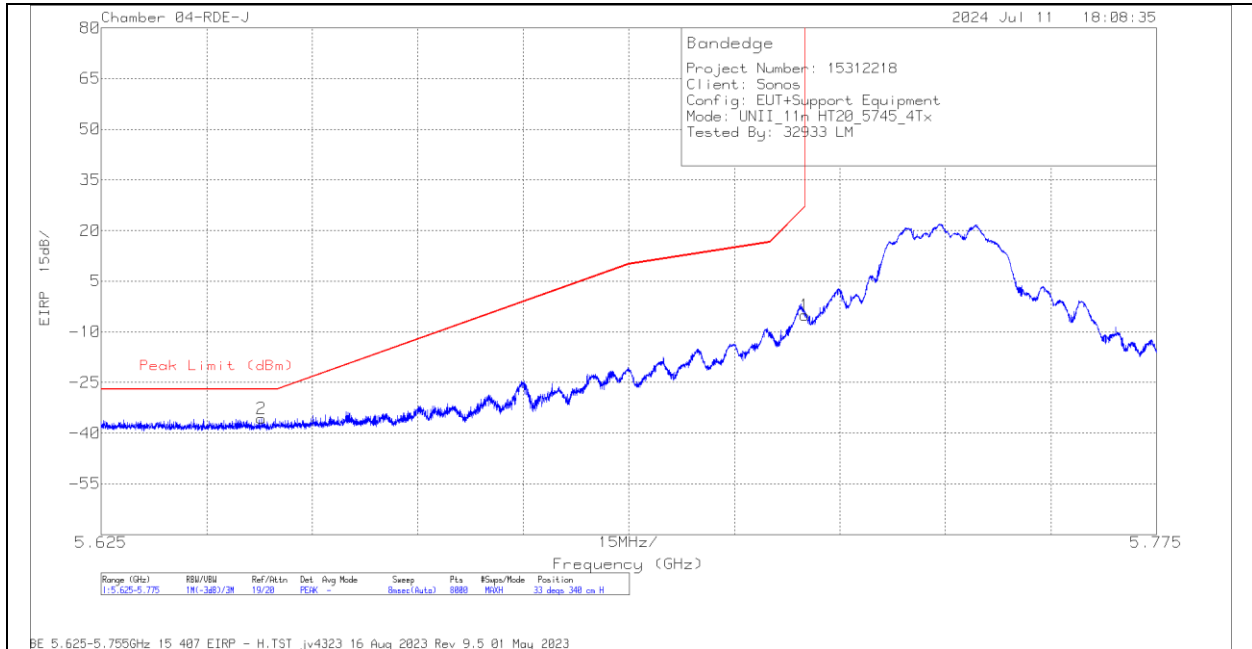
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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

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

BANDEDGE (LOW CHANNEL)

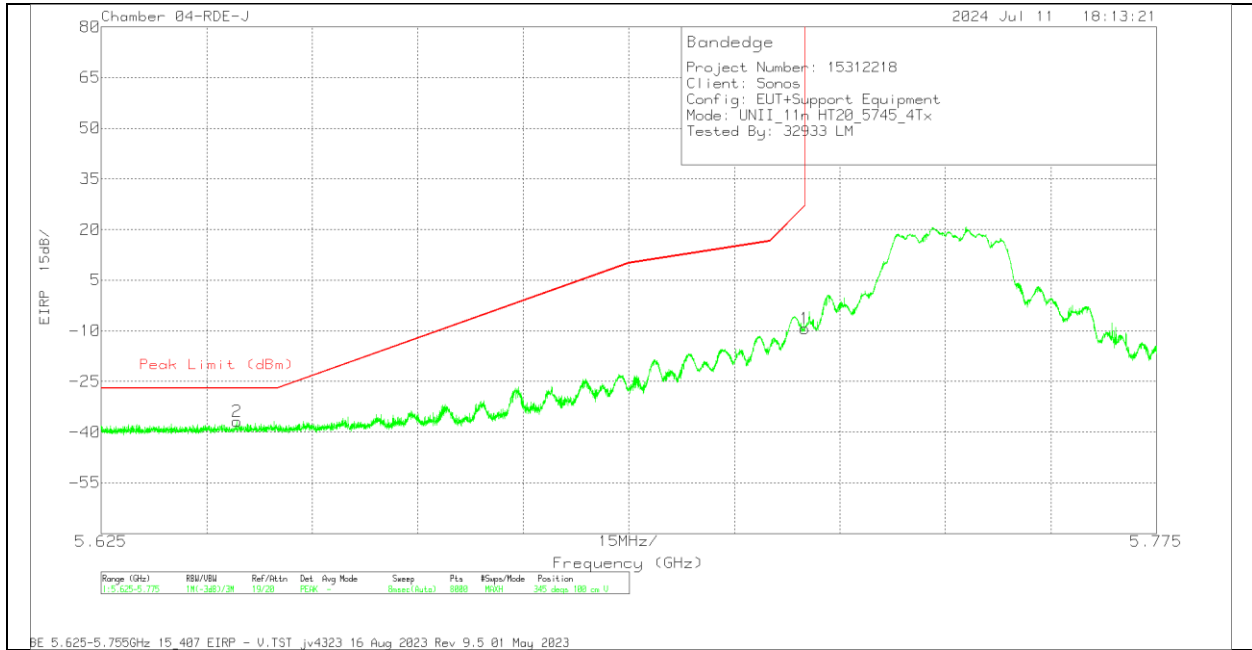
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.647784	-48.02	PK	34.6	-34	11.8	-35.62	-27	-8.62	33	340	H
1	5.725	-17.73	PK	34.7	-33.8	11.8	-5.03	27	-32.03	33	340	H

Pk - Peak detector

VERTICAL RESULT

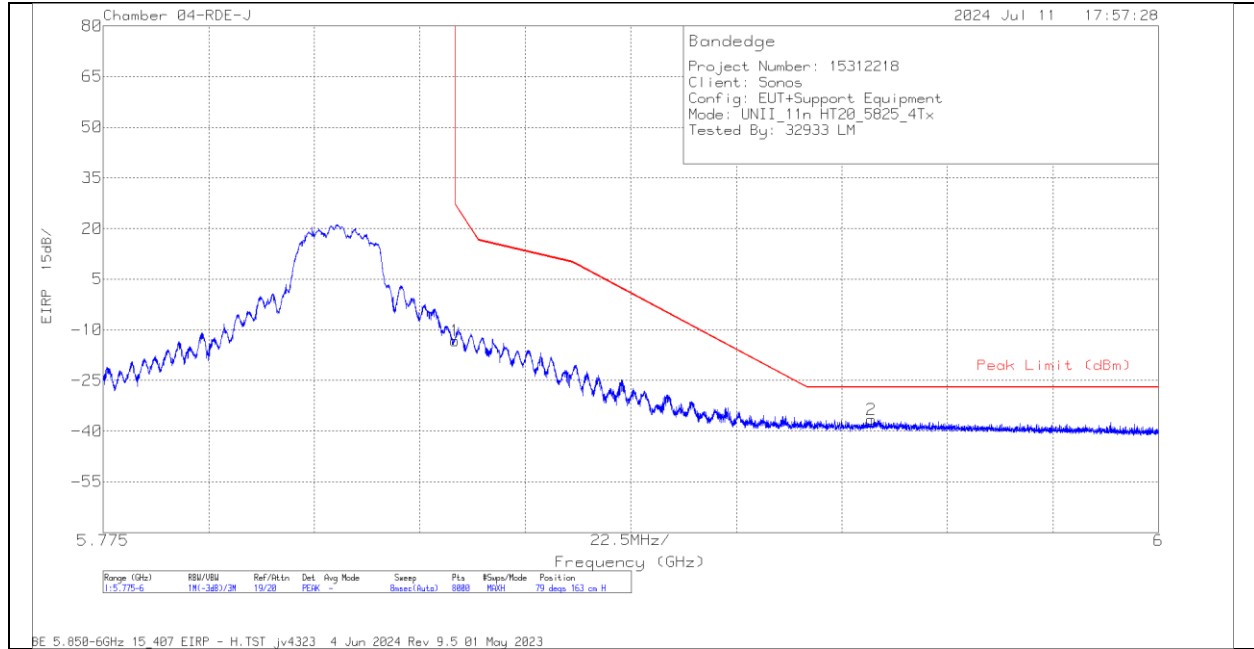


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.644333	-49.18	Pk	34.6	-34	11.8	-36.78	-27	-9.78	345	100	V
1	5.725	-22.03	Pk	34.7	-33.8	11.8	-9.33	27	-36.33	345	100	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

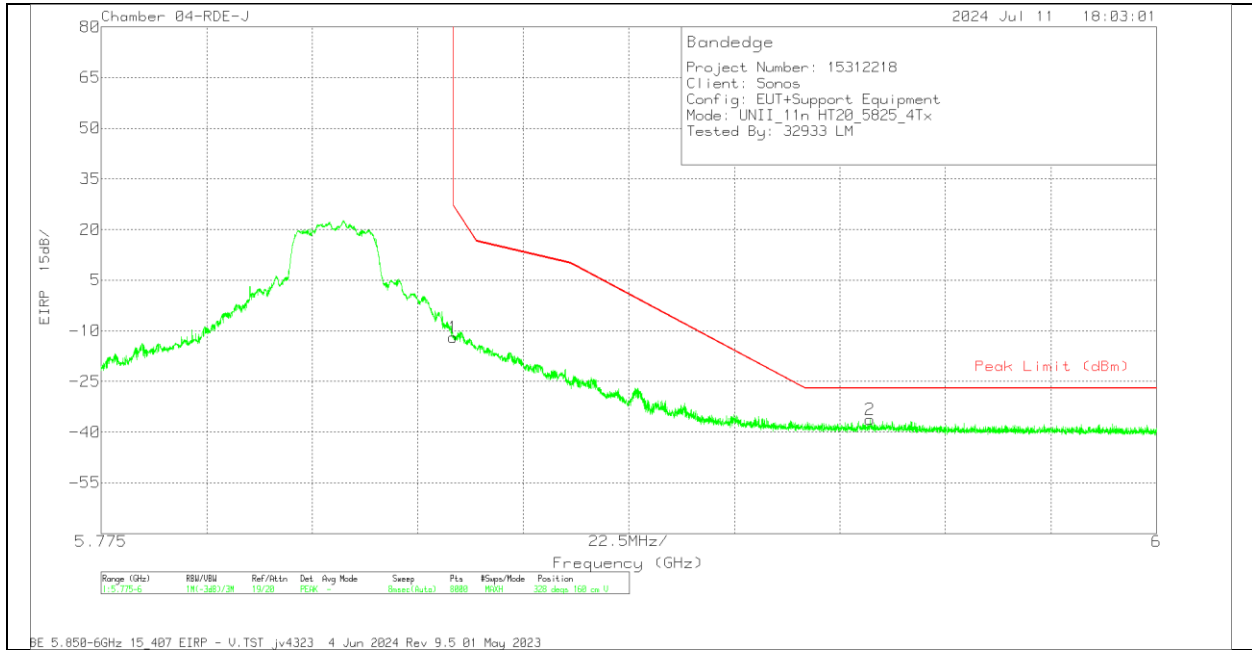
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-26.24	Pk	34.8	-33.6	11.8	-13.24	27	-40.24	79	163	H
2	5.938795	-49.94	Pk	35	-33.4	11.8	-36.54	-27	-9.54	79	163	H

Pk - Peak detector

VERTICAL RESULT

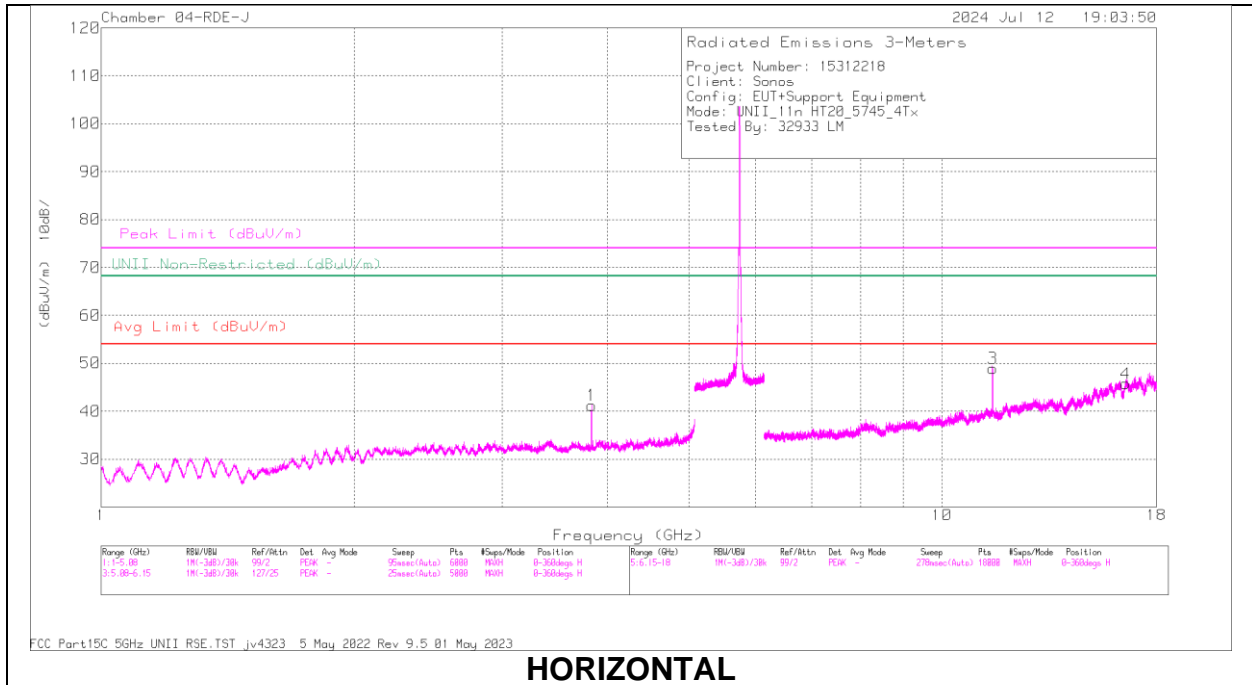


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP(dBm)	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-24.87	Pk	34.8	-33.6	11.8	-11.87	27	-38.87	328	160	V
2	5.938964	-49.63	Pk	35	-33.4	11.8	-36.23	-27	-9.23	328	160	V

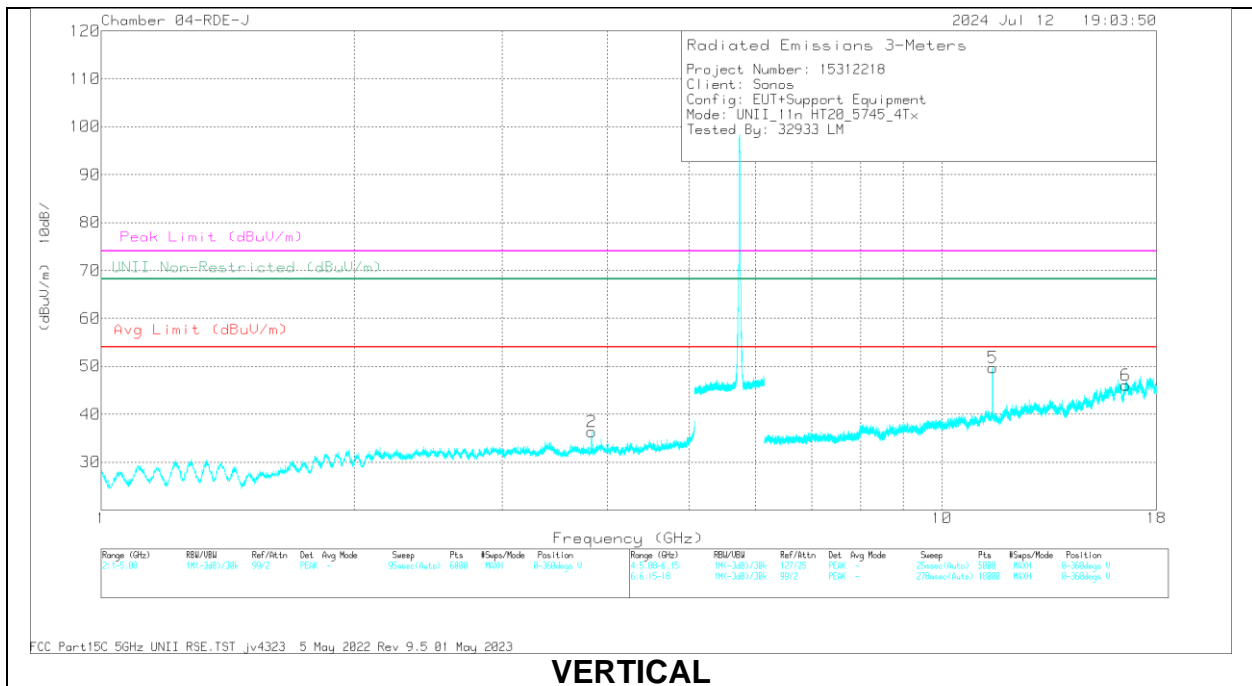
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



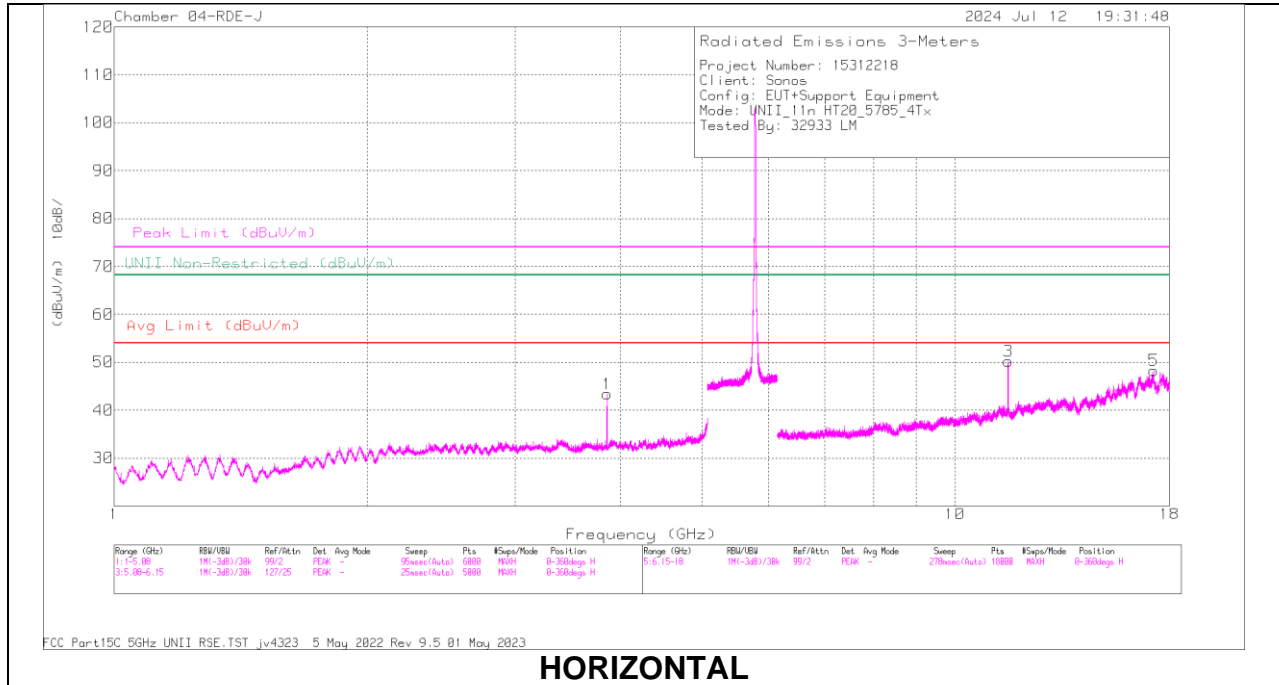
VERTICAL

RADIATED EMISSIONS

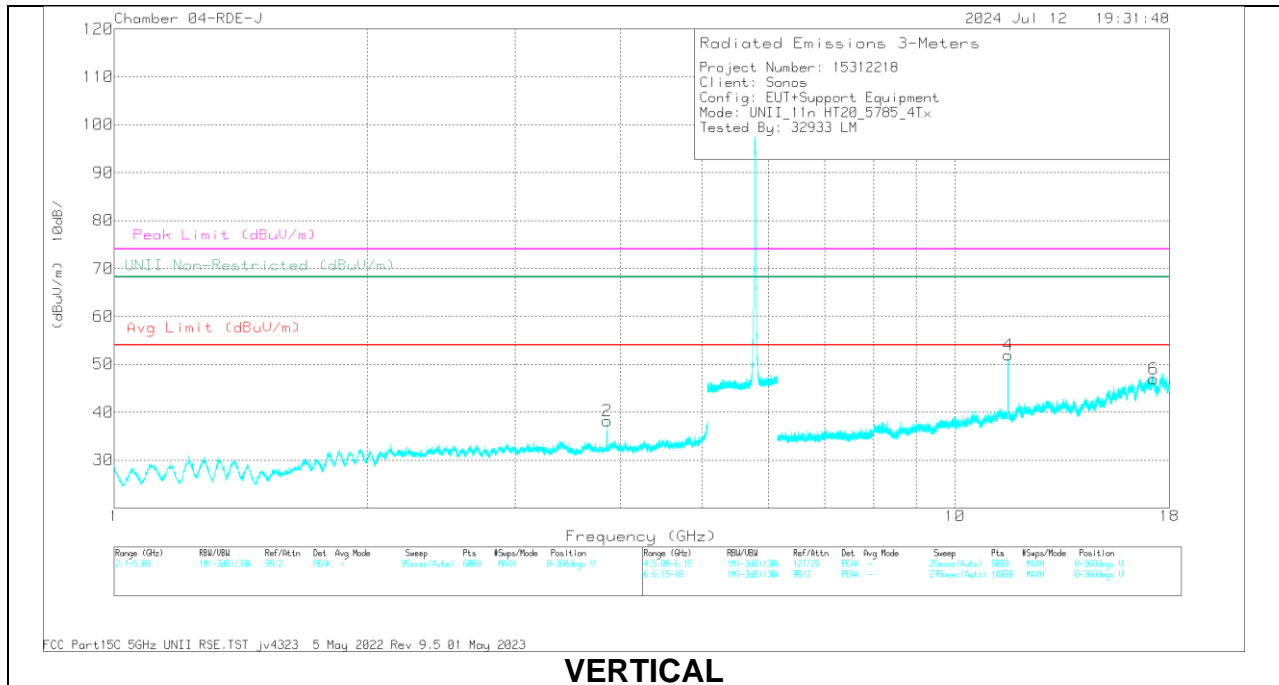
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.829843	58.17	PK-U	33.4	-44.4	0	47.17	-	-	74	-26.83	-	-	147	101	H
	* 3.829954	51.85	ADR	33.4	-44.4	1.03	41.88	54	-12.12	-	-	-	-	147	101	H
2	* 3.830143	55.63	PK-U	33.4	-44.4	0	44.63	-	-	74	-29.37	-	-	70	112	V
	* 3.829971	45.73	ADR	33.4	-44.4	1.03	35.76	54	-18.24	-	-	-	-	70	112	V
5	* 11.490818	67.17	PK-U	38.2	-40.6	0	64.77	-	-	74	-9.23	-	-	264	208	V
	* 11.489937	53.07	ADR	38.2	-40.6	1.03	51.7	54	-2.3	-	-	-	-	264	208	V
3	* 11.4901	49.18	ADR	38.2	-40.6	1.03	47.81	54	-6.19	-	-	-	-	309	219	H
	* 11.490798	62.64	PK-U	38.2	-40.6	0	60.24	-	-	74	-13.76	-	-	309	219	H
6	16.55042	40.97	ADR	42	-37.9	1.03	46.1	-	-	-	-	-	-	288	282	V
	16.550951	52.61	PK-U	42	-37.9	0	56.71	-	-	-	-	68.2	-11.49	288	282	V
4	16.55118	40.78	ADR	42	-37.9	1.03	45.91	-	-	-	-	-	-	23	163	H
	16.553531	52.56	PK-U	42	-37.8	0	56.76	-	-	-	-	68.2	-11.44	23	163	H

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

MID CHANNEL RESULTS



HORIZONTAL



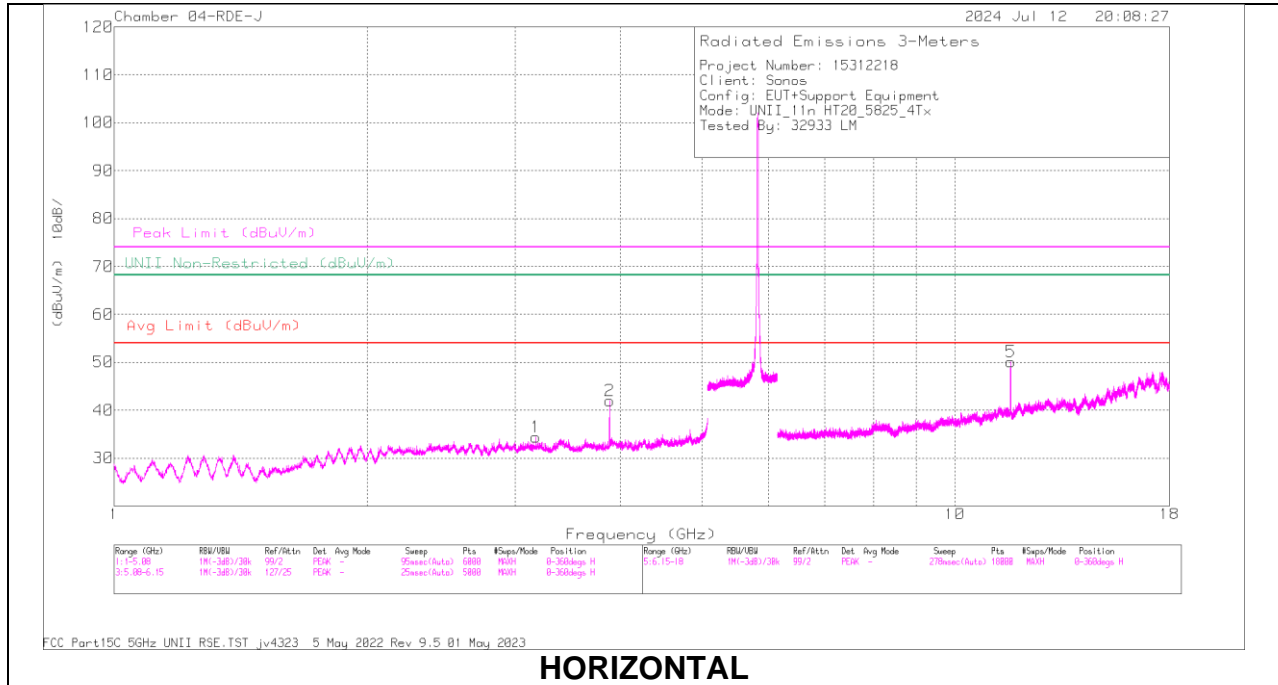
VERTICAL

RADIATED EMISSIONS

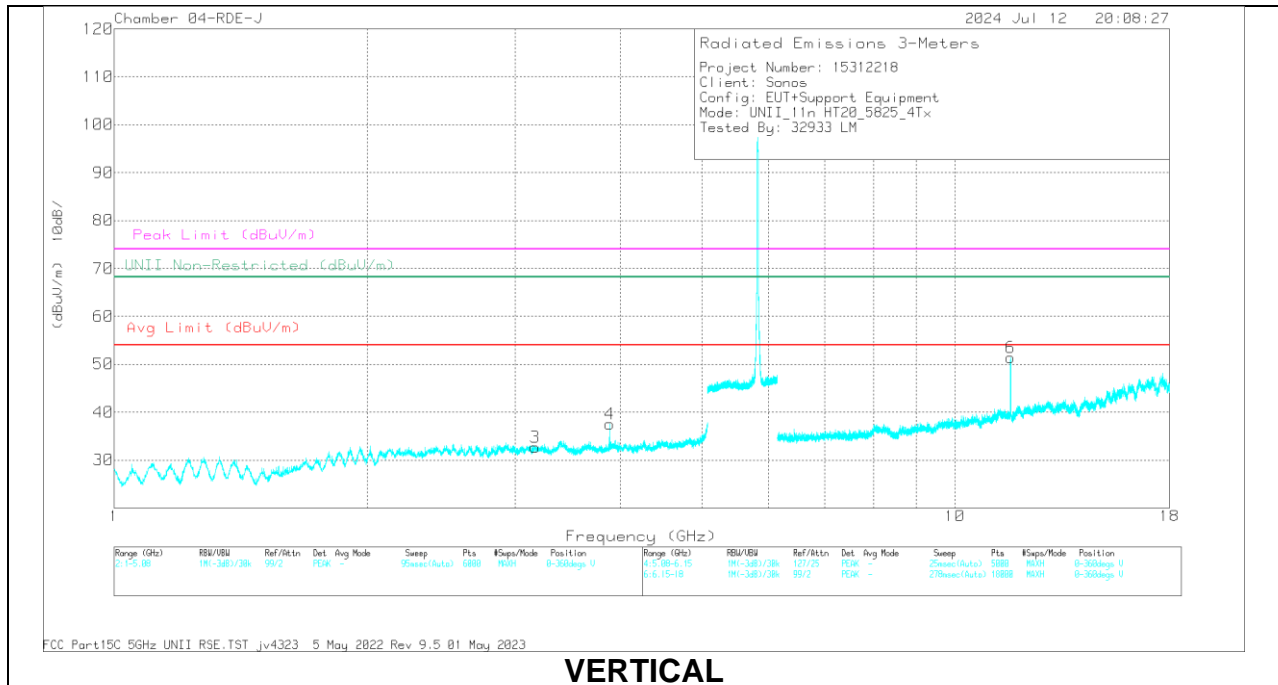
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 3.856622	59.52	PK-U	33.4	-44.4	0	48.52	-	-	74	-25.48	-	-	147	134	H
	* 3.85666	53.51	ADR	33.4	-44.4	1.03	43.54	54	-10.46	-	-	-	-	147	134	H
2	* 3.85654	57.27	PK-U	33.4	-44.4	0	46.27	-	-	74	-27.73	-	-	111	118	V
	* 3.856662	49.18	ADR	33.4	-44.4	1.03	39.21	54	-14.79	-	-	-	-	111	118	V
3	* 11.570934	66.52	PK-U	38.3	-40.1	0	64.72	-	-	74	-9.28	-	-	309	101	H
	* 11.569093	53.3	ADR	38.3	-40.2	1.03	52.43	54	-1.57	-	-	-	-	309	101	H
4	* 11.570058	52.39	ADR	38.3	-40.2	1.03	51.52	54	-2.48	-	-	-	-	265	226	V
	* 11.570874	66.15	PK-U	38.3	-40.2	0	64.25	-	-	74	-9.75	-	-	265	226	V
6	17.237862	42.45	ADR	42	-38.7	1.03	46.78	-	-	-	-	-	-	201	257	V
	17.237904	54.11	PK-U	42	-38.7	0	57.41	-	-	-	-	68.2	-10.79	201	257	V
5	17.23991	42.39	ADR	42	-38.8	1.03	46.62	-	-	-	-	-	-	18	344	H
	17.240135	54.2	PK-U	42	-38.8	0	57.4	-	-	-	-	68.2	-10.8	18	344	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

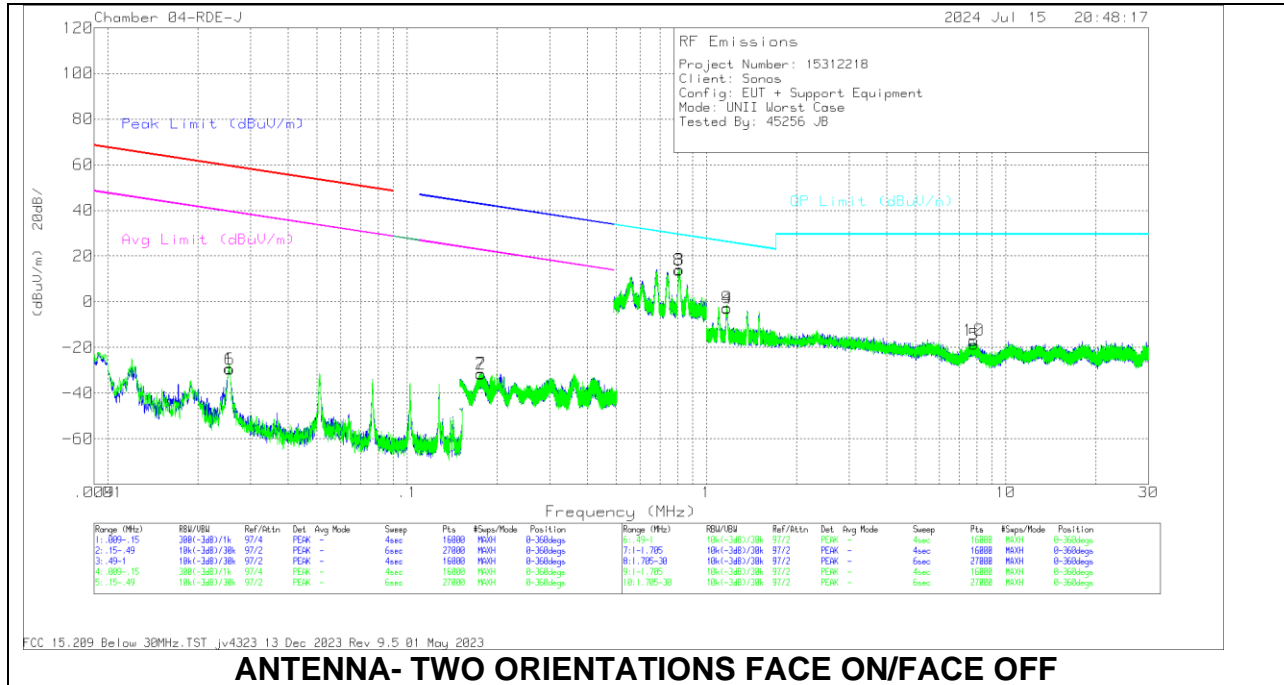
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	222741 ACF 3m (dB/m)	Amp/Cbl/Ftr (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
2	* 3.883377	58.31	PK-U	33.4	-44.5	0	47.21	-	-	74	-26.79	-	-	87	163	H
	* 3.883466	50.86	ADR	33.4	-44.5	1.03	40.79	54	-13.21	-	-	-	-	87	163	H
4	* 3.883464	57.34	PK-U	33.4	-44.5	0	46.24	-	-	74	-27.76	-	-	107	156	V
	* 3.883295	49.51	ADR	33.4	-44.5	1.03	39.44	54	-14.56	-	-	-	-	107	156	V
3	3.167188	43.55	ADR	32.9	-45.3	1.03	32.18	-	-	-	-	-	-	259	204	V
	3.169977	55.6	PK-U	32.9	-45.3	0	43.2	-	-	-	-	68.2	-25	259	204	V
1	3.173179	43.51	ADR	32.9	-45.3	1.03	32.14	-	-	-	-	-	-	56	231	H
	3.174195	55.51	PK-U	32.9	-45.3	0	43.11	-	-	-	-	68.2	-25.09	56	231	H
6	* 11.645324	65.03	PK-U	38.4	-40.1	0	63.33	-	-	74	-10.67	-	-	227	203	V
	* 11.646848	51.57	ADR	38.4	-40.1	1.03	50.9	54	-3.1	-	-	-	-	227	203	V
5	* 11.650114	49.31	ADR	38.4	-40.1	1.03	48.64	54	-5.36	-	-	-	-	309	167	H
	* 11.651259	63.19	PK-U	38.4	-40.2	0	61.39	-	-	74	-12.61	-	-	309	167	H

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

10.2. WORST CASE BELOW 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

Below 30MHz Data

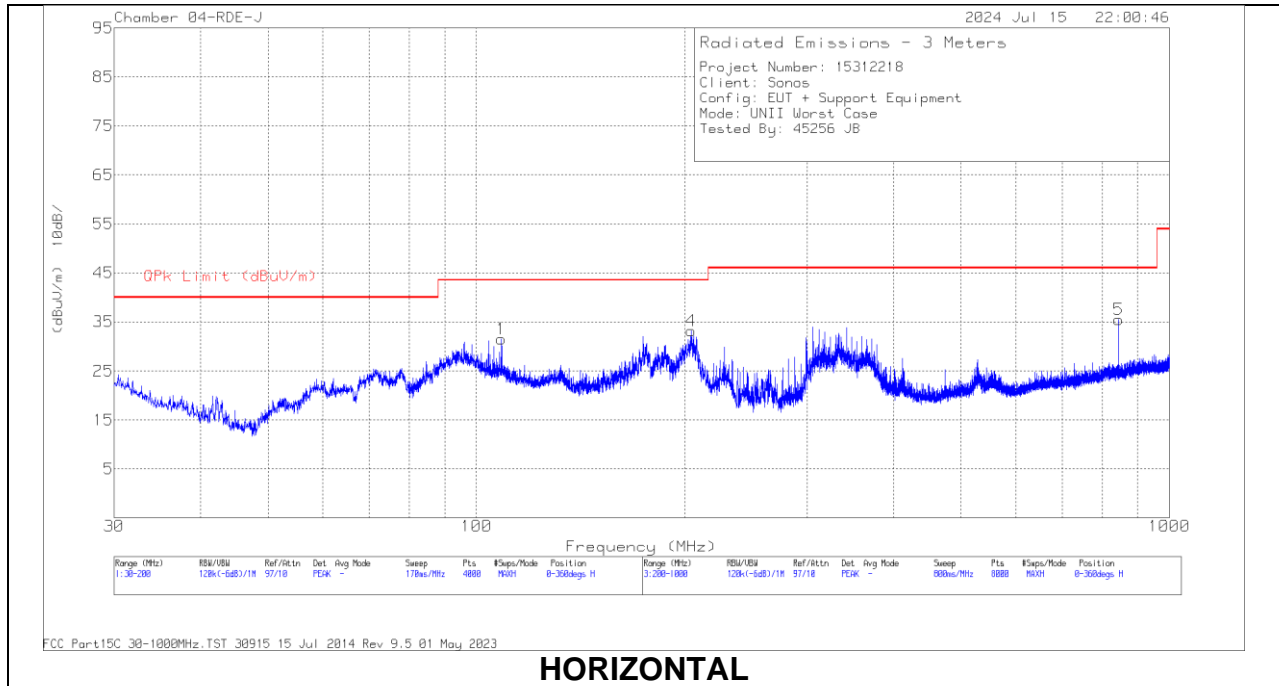
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna H(ACF)	CBL/AMP (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.0254	23.83	Pk	58.5	-31.7	-80	-29.37	59.47	-88.84	39.47	-68.84	-	-	-	-	0-360
6	.0256	23.72	Pk	58.5	-31.7	-80	-29.48	59.43	-88.91	39.43	-68.91	-	-	-	-	0-360
2	.1762	24.45	Pk	56.2	-32.4	-80	-31.75	-	-	-	-	42.7	-74.45	22.7	-54.45	0-360
7	.1763	24.8	Pk	56.2	-32.4	-80	-31.4	-	-	-	-	42.69	-74.09	22.69	-54.09	0-360

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna H(ACF)	CBL/AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
8	.8094	29.72	Pk	56.4	-32.3	-40	13.82	29.45	-15.63	0-360
3	.8123	29.99	Pk	56.4	-32.3	-40	14.09	29.42	-15.33	0-360

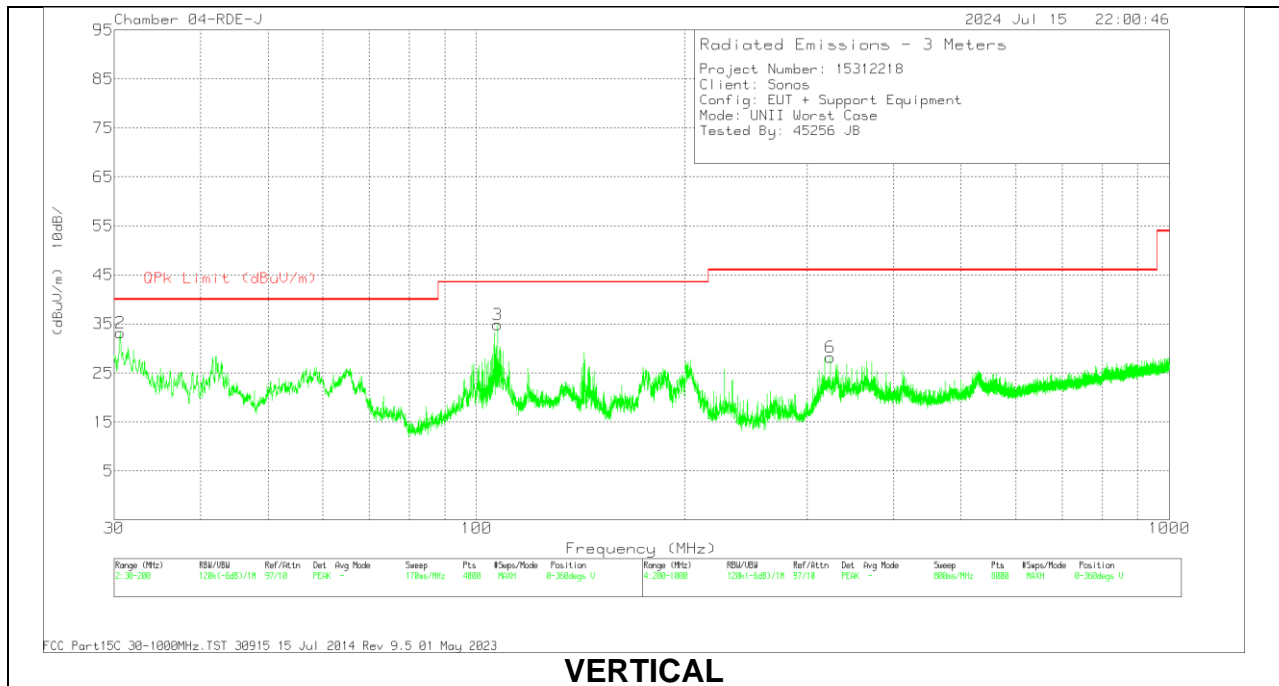
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna E(ACF)	CBL/AMP (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	1.1716	23.18	Pk	45.9	-32.1	-40	-3.02	26.25	-29.27	0-360
9	1.1718	23.56	Pk	45.9	-32.1	-40	-2.64	26.25	-28.89	0-360
10	7.8264	19.9	Pk	34.8	-31.6	-40	-16.9	29.5	-46.4	0-360
5	7.8389	18.1	Pk	34.8	-31.6	-40	-18.7	29.5	-48.2	0-360

10.3. WORST CASE BELOW 1 GHz

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



HORIZONTAL



VERTICAL

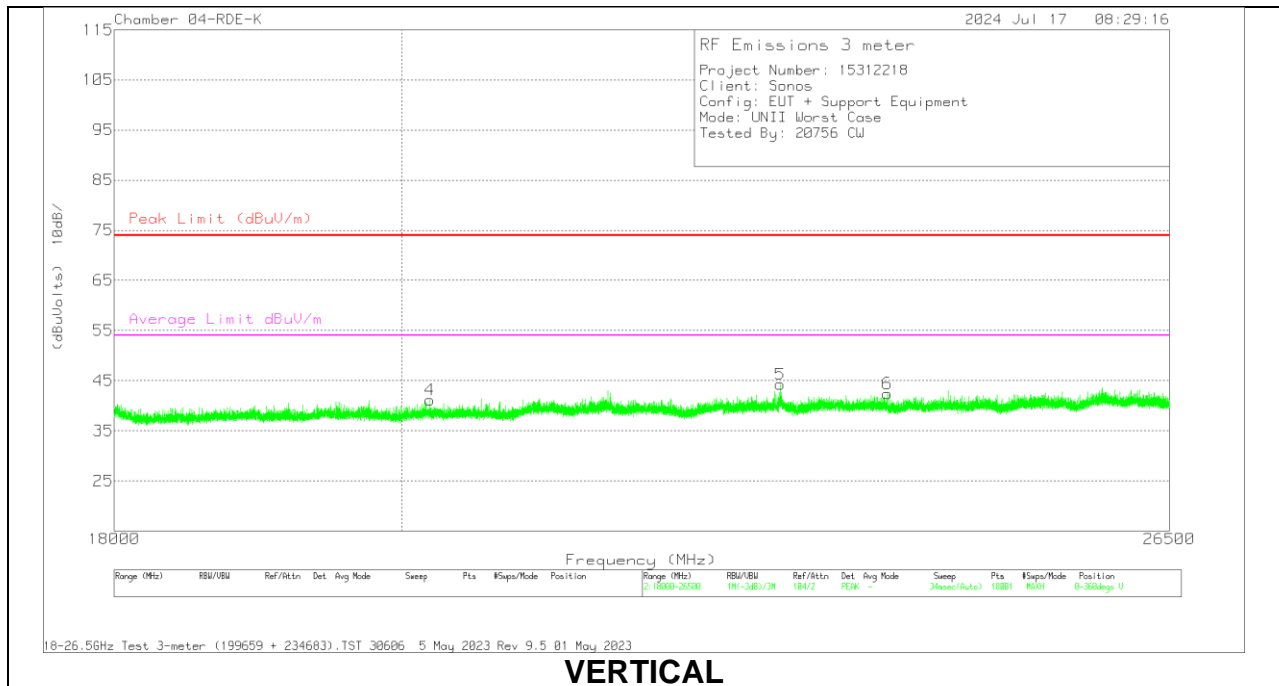
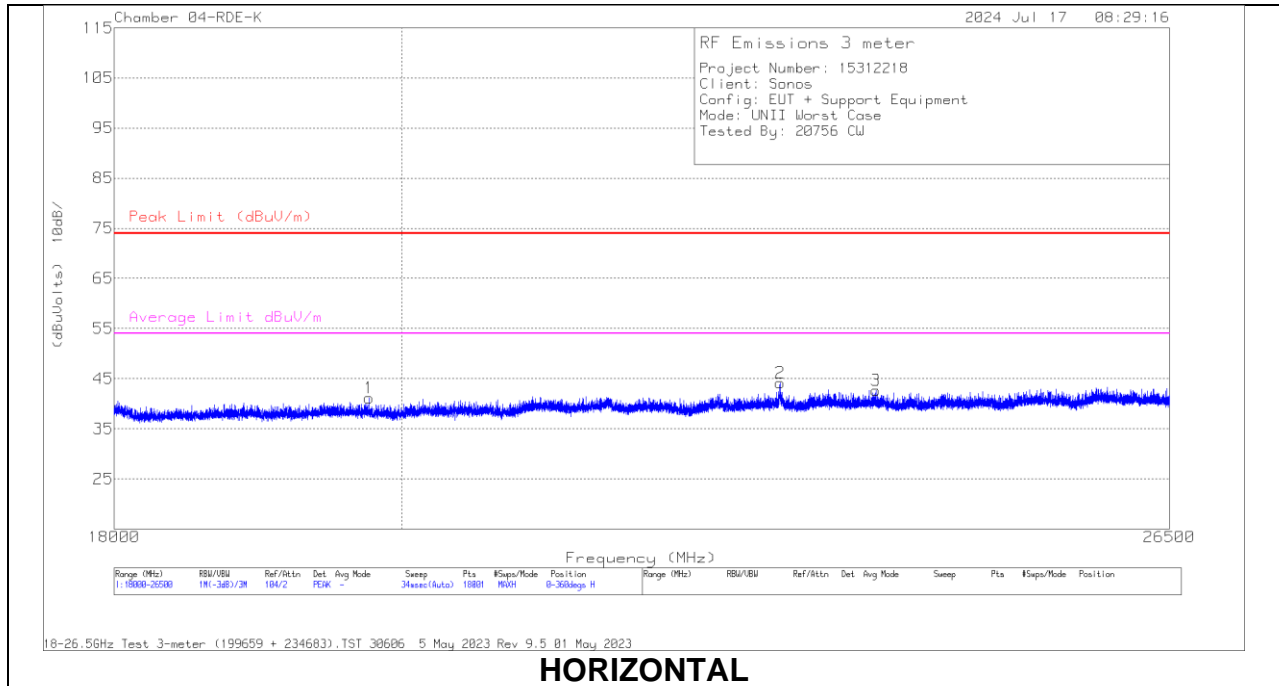
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	80293 ACF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 108.518	44.42	Pk	18.3	-31.2	31.52	43.52	-12	0-360	299	H
6	* 324.016	38.74	Pk	19.8	-30.3	28.24	46.02	-17.78	0-360	99	V
2	30.6034	38.87	Pk	26.3	-31.8	33.37	40	-6.63	303	126	V
	30.6034	35.5	Qp	26.3	-31.8	30	40	-10	303	126	V
3	107.285	48.11	Pk	17.9	-31.2	34.81	43.52	-8.71	0-360	100	V
4	204.001	46.32	Pk	17.6	-30.7	33.22	43.52	-10.3	0-360	99	H
5	844.284	36.46	Pk	27.5	-28.5	35.46	46.02	-10.56	0-360	99	H

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

10.4. WORST CASE 18-26 GHz

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



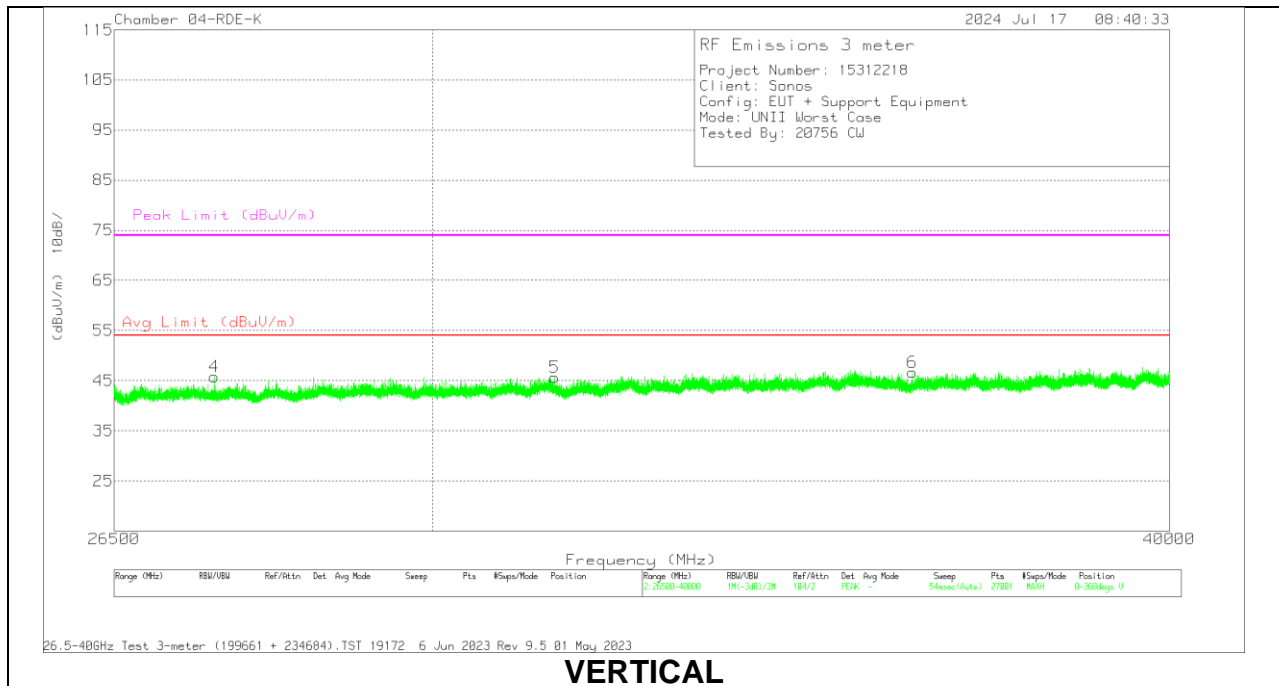
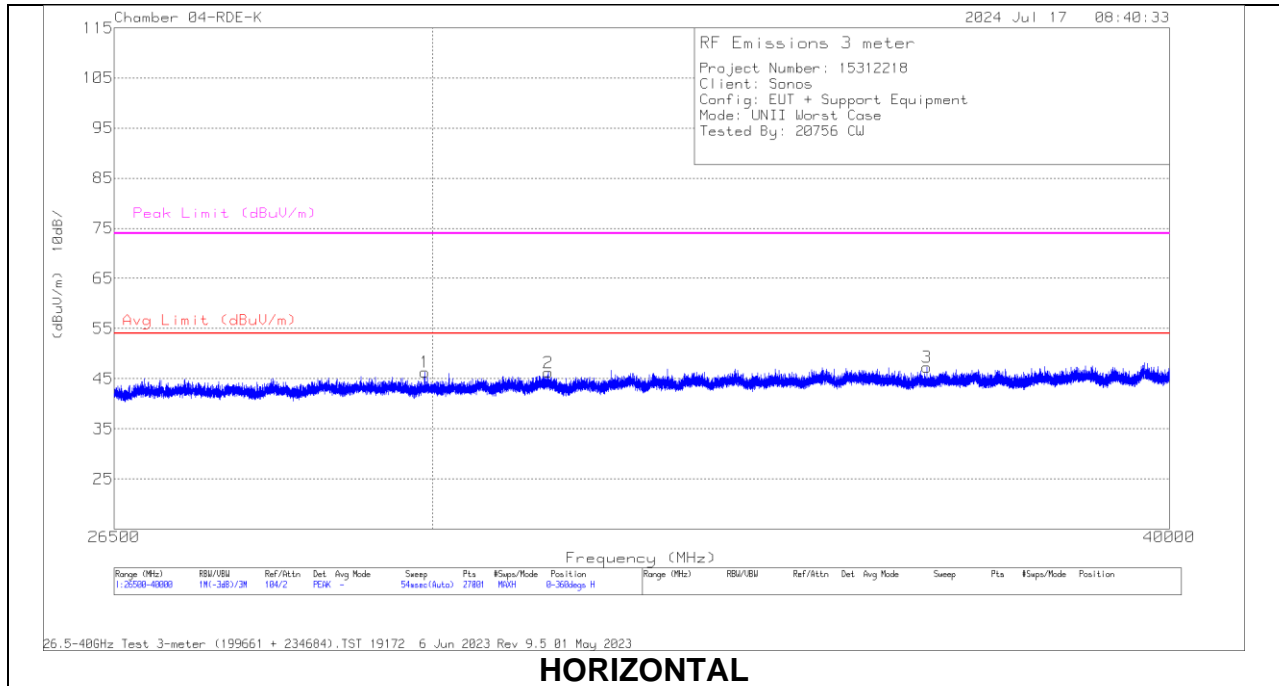
18 – 26GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Horn ACF (dB/m)	234683 Amp/Cbl (dB)	Cable (dB)	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	PK Margin (dB)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19761.388	52.12	Pk	32.7	-62.6	18.9	41.12	74	-32.88	-	-	0-360	200	H
2	* 22977.692	52.76	Pk	33.5	-62.5	20.4	44.16	74	-29.84	-	-	0-360	101	H
3	* 23796.053	50.91	Pk	33.6	-62.6	20.7	42.61	74	-31.39	-	-	0-360	101	H
4	* 20208.582	51.31	Pk	32.7	-62	19.1	41.11	74	-32.89	-	-	0-360	199	V
5	* 22976.748	52.83	Pk	33.5	-62.5	20.4	44.23	74	-29.77	-	-	0-360	199	V
6	* 23894.747	50.48	Pk	33.7	-62.5	20.7	42.38	74	-31.62	-	-	0-360	199	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	Horn ACF (dB/m)	Amp/Cbl (dB)	Cable (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 31391.5	47.22	Pk	36.7	-61.7	24	46.22	74	-27.78	0-360	101	H
5	* 31467.5	46.72	Pk	36.6	-61.7	24	45.62	74	-28.38	0-360	101	V
4	27558	51.1	Pk	35.8	-63.6	22.5	45.8	74	-28.2	0-360	200	V
1	29918.5	46.39	Pk	36.5	-60	23.4	46.29	74	-27.71	0-360	101	H
6	36180.5	45.97	Pk	37.4	-62.8	26.1	46.67	74	-27.33	0-360	101	V
3	36384.5	46.18	Pk	37.6	-62.7	26.2	47.28	74	-26.72	0-360	200	H

* - 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.

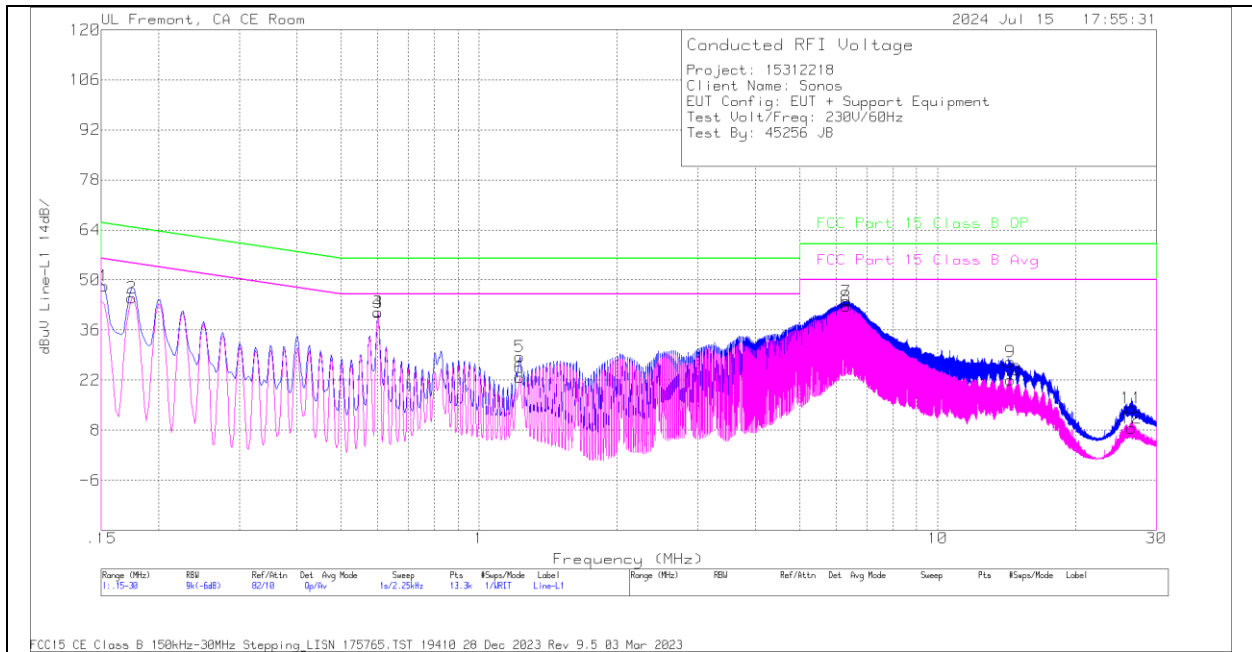
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line Norm

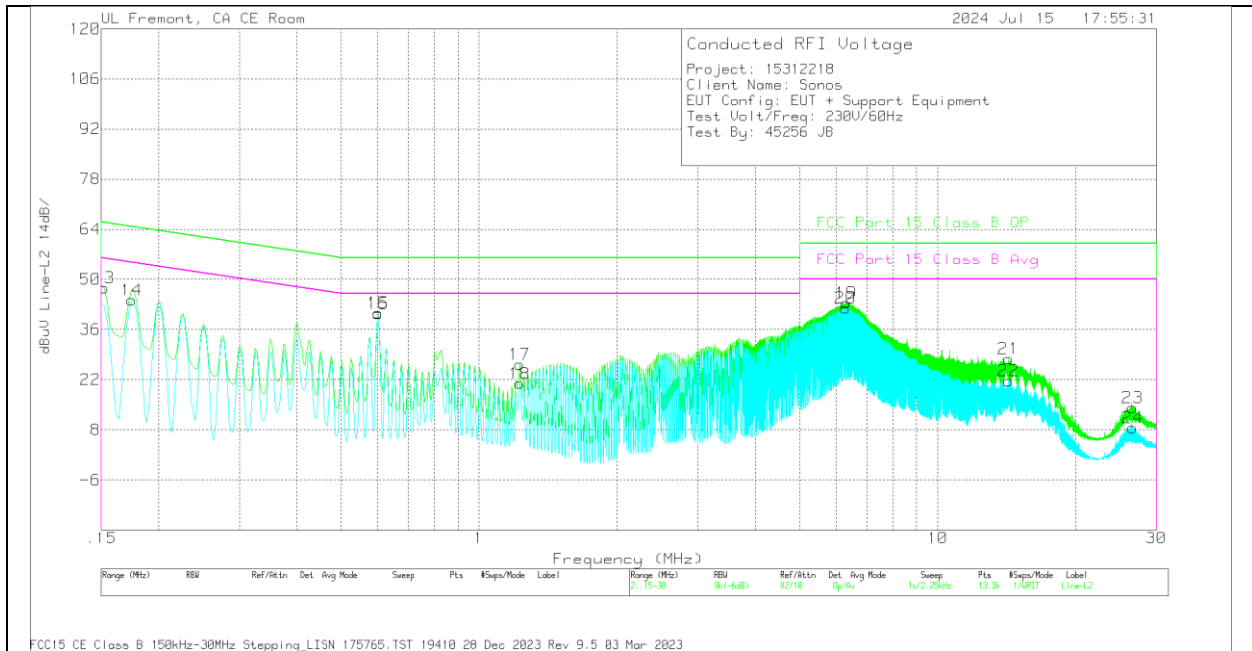
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av Margin (dB)
2	.1748	35.44	Av	.1	0	9.5	45.04	-	-	54.73	-9.69
4	.6023	31.5	Av	0	0	9.4	40.9	-	-	46	-5.1
6	1.2278	13.33	Av	0	0	9.4	22.73	-	-	46	-23.27
8	6.3195	33.04	Av	0	.2	9.4	42.64	-	-	50	-7.36
10	14.397	12.31	Av	.1	.2	9.4	22.01	-	-	50	-27.99
12	26.4368	-1.44	Av	.2	.3	9.5	8.56	-	-	50	-41.44
1	.1523	38.67	Qp	.1	0	9.5	48.27	65.88	-17.61	-	-
3	.6023	31.65	Qp	0	0	9.4	41.05	56	-14.95	-	-
5	1.2278	19.2	Qp	0	0	9.4	28.6	56	-27.4	-	-
7	6.3218	34.45	Qp	0	.2	9.4	44.05	60	-15.95	-	-
9	14.397	17.48	Qp	.1	.2	9.4	27.18	60	-32.82	-	-
11	26.4345	4.2	Qp	.2	.3	9.5	14.2	60	-45.8	-	-

Qp - Quasi-Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN (dB)	Cbl (dB)	Trns Limiter (dB)	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av Margin (dB)
14	.1748	34.73	Av	0	0	9.5	44.23	-	-	54.73	-10.5
16	.6023	30.99	Av	0	.1	9.4	40.49	-	-	46	-5.51
18	1.2278	11.41	Av	0	.1	9.4	20.91	-	-	46	-25.09
20	6.2948	32.49	Av	0	.2	9.3	41.99	-	-	50	-8.01
22	14.2733	12.02	Av	.1	.2	9.4	21.72	-	-	50	-28.28
24	26.61	-1.32	Av	.2	.3	9.4	8.58	-	-	50	-41.42
13	.1523	38.1	Qp	.1	0	9.5	47.7	65.88	-18.18	-	-
15	.6023	31.1	Qp	0	.1	9.4	40.6	56	-15.4	-	-
17	1.2278	16.77	Qp	0	.1	9.4	26.27	56	-29.73	-	-
19	6.3218	33.89	Qp	0	.2	9.4	43.49	60	-16.51	-	-
21	14.2733	18.14	Qp	.1	.2	9.4	27.84	60	-32.16	-	-
23	26.61	4.27	Qp	.2	.3	9.4	14.17	60	-45.83	-	-

Qp - Quasi-Peak detector
 Av - Average detection