

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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	2400.224	62.74	PK-U	32	-44.2	0	50.54	-	-	88.2	-37.66	146	230	H
	2400.06	55.38	ADR	32	-44.2	2.02	45.2	68.2	-23	-	-	146	230	H
2	2399.764	60.48	PK-U	32	-44.2	0	48.28	-	-	88.2	-39.92	202	203	V
	2399.996	52.73	ADR	32	-44.2	2.02	42.55	68.2	-25.65	-	-	202	203	V
3	* 11848.221	45.27	PK-U	38.7	-34	0	49.97	-	-	74	-24.03	0	302	H
	* 11846.991	33.49	ADR	38.7	-34	2.02	40.21	54	-13.79	-	-	0	302	H
4	* 16041.222	44.84	PK-U	40.8	-32.3	0	53.34	-	-	74	-20.66	346	379	H
	* 16041.155	32.79	ADR	40.8	-32.3	2.02	43.31	54	-10.69	-	-	346	379	H
5	13018.033	44.45	PK-U	39.3	-33	0	50.75	-	-	88.2	-37.45	155	323	V
	13016.93	32.71	ADR	39.2	-32.9	2.02	41.03	68.2	-27.17	-	-	155	323	V
6	* 15913.986	44.64	PK-U	40.5	-32.1	0	53.04	-	-	74	-20.96	205	252	V
	* 15913.855	32.56	ADR	40.5	-32.1	2.02	42.98	54	-11.02	-	-	205	252	V

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

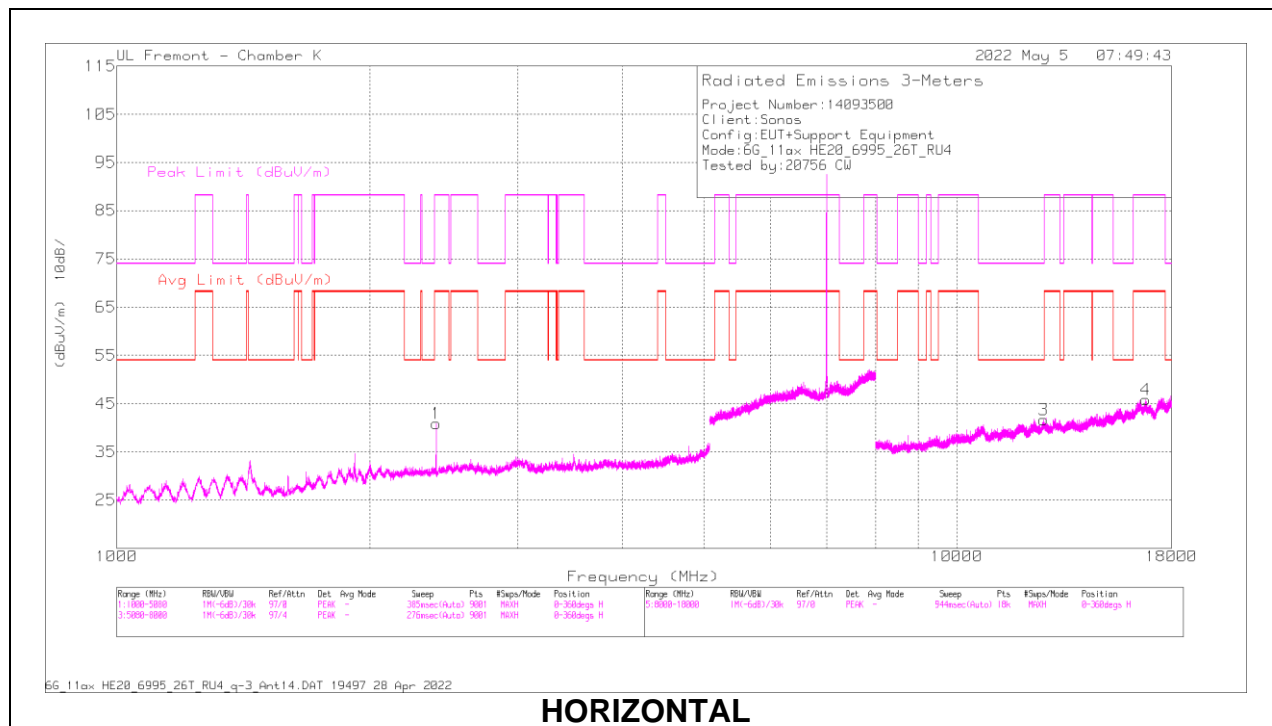
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

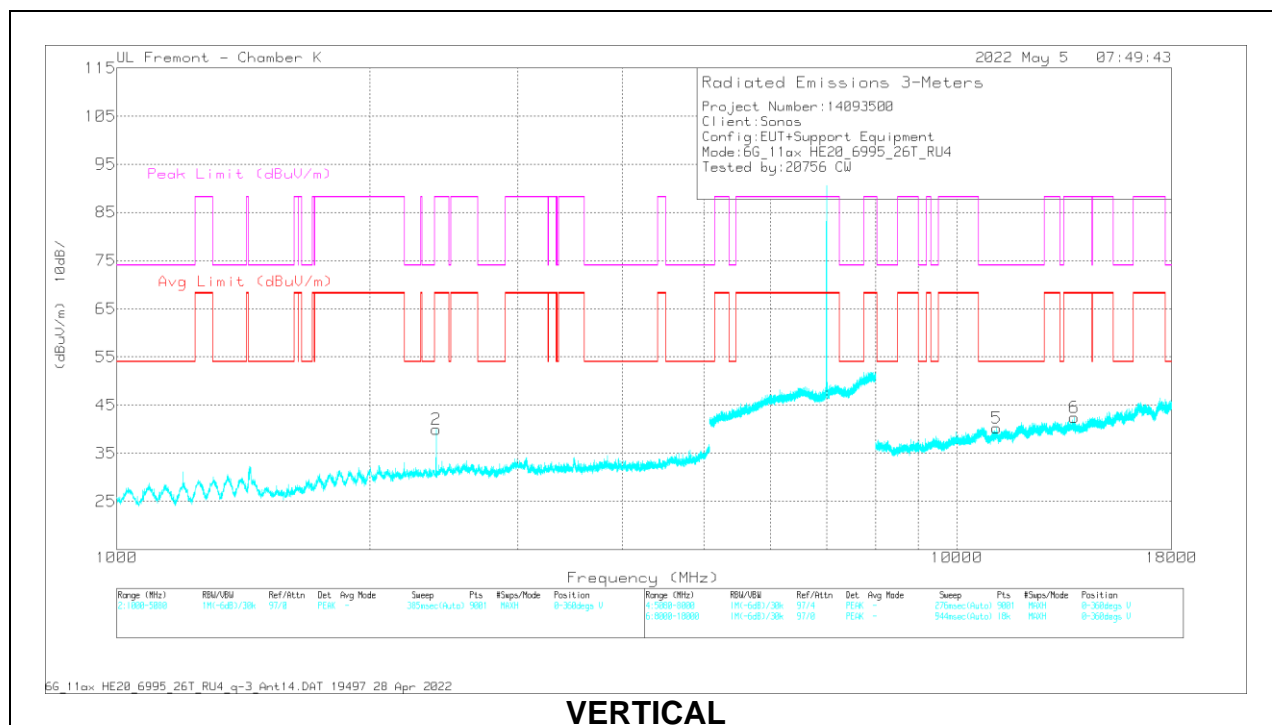
**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 4**

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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	2399.944	71.5	PK-U	32	-44.2	0	59.3	-	-	88.2	-28.9	144	229	H
	2400.065	54.57	ADR	32	-44.2	2.02	44.39	68.2	-23.81	-	-	144	229	H
2	2399.996	61.47	PK-U	32	-44.2	0	49.27	-	-	88.2	-38.93	199	203	V
	2400.016	52.99	ADR	32	-44.2	2.02	42.81	68.2	-25.39	-	-	199	203	V
3	* 12671.685	44.33	PK-U	39.2	-33.2	0	50.33	-	-	74	-23.67	17	155	H
	* 12670.674	32.39	ADR	39.2	-33.1	2.02	40.51	54	-13.49	-	-	17	155	H
4	16776.577	43.65	PK-U	41.7	-31.6	0	53.75	-	-	88.2	-34.45	339	393	H
	16776.753	32.14	ADR	41.7	-31.6	2.02	44.26	68.2	-23.94	-	-	339	393	H
5	* 11155.342	46.62	PK-U	38	-34.3	0	50.32	-	-	74	-23.68	84	386	V
	* 11155.977	34.41	ADR	38	-34.3	2.02	40.13	54	-13.87	-	-	84	386	V
6	13789.539	45.17	PK-U	38.6	-33	0	50.77	-	-	88.2	-37.43	303	216	V
	13789.695	33.51	ADR	38.6	-33	2.02	41.13	68.2	-27.07	-	-	303	216	V

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

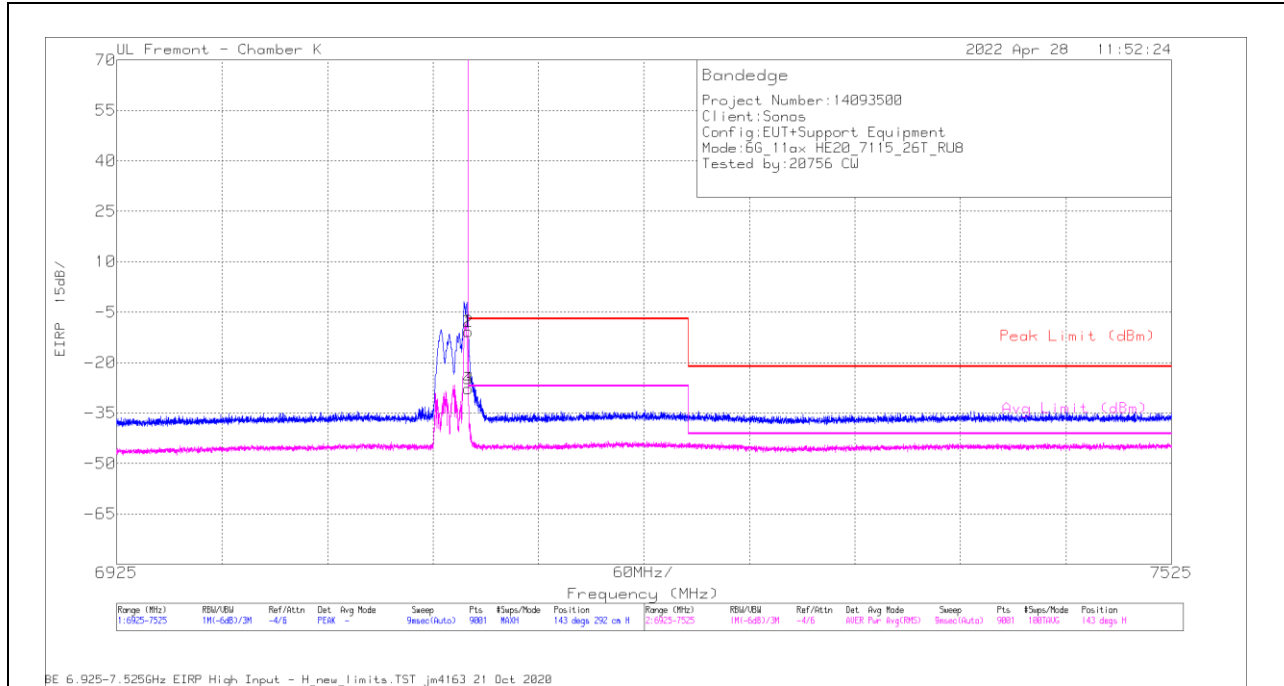
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

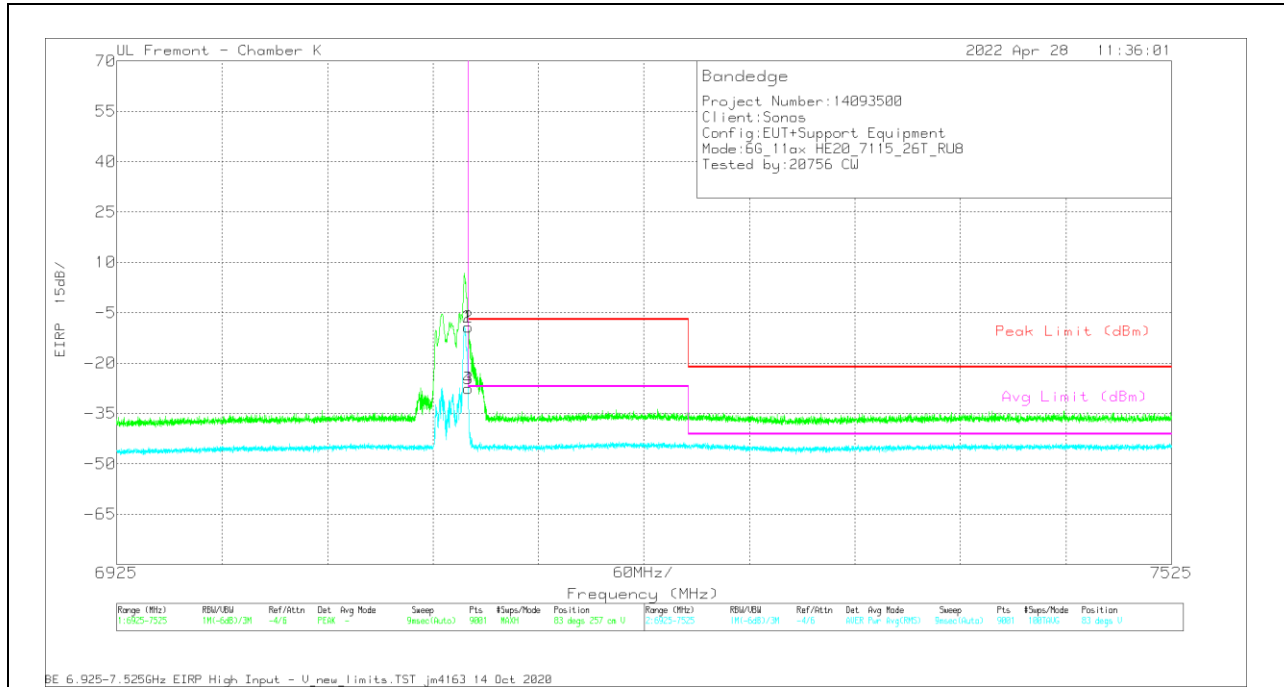


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/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	-54.03	Pk	36	-4.5	11.8	0	-10.73	-7	-3.73	-	-	143	292	H
2	7125.001	-54.02	Pk	36	-4.5	11.8	0	-10.72	-7	-3.72	-	-	143	292	H
3	7125	-73.04	RMS	36	-4.5	11.8	2.02	-27.72	-	-	-27	-72	143	292	H
4	7125.001	-73.05	RMS	36	-4.5	11.8	2.02	-27.73	-	-	-27	-73	143	292	H

Pk - Peak detector  
 RMS - RMS detection

### VERTICAL RESULT



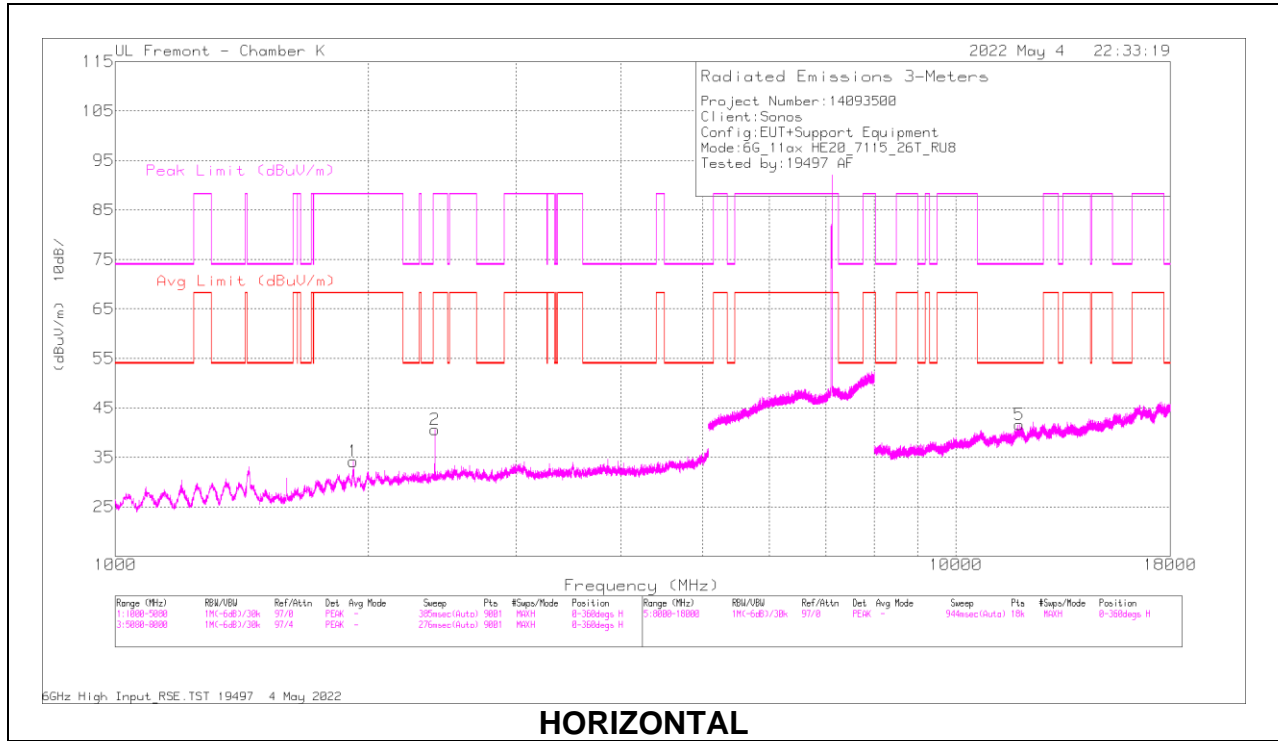
### Trace Markers

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	-52.55	Pk	36	-4.5	11.8	0	-9.25	-7	-2.25	-	-	83	257	V
2	7125.001	-52.56	Pk	36	-4.5	11.8	0	-9.26	-7	-2.26	-	-	83	257	V
3	7125	-72.82	RMS	36	-4.5	11.8	2.02	-27.5	-	-	-27	-5	83	257	V
4	7125.001	-72.85	RMS	36	-4.5	11.8	2.02	-27.53	-	-	-27	-5.3	83	257	V

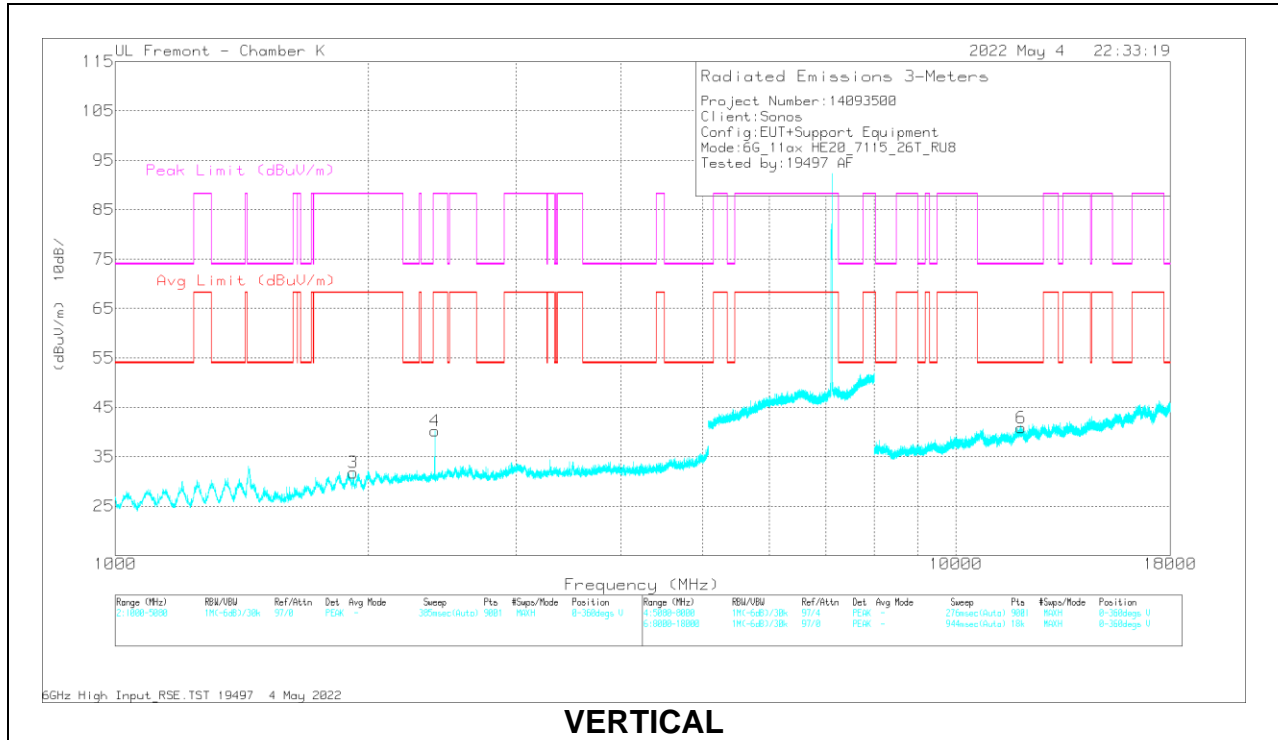
Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## HIGH CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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
2	2400.168	61.47	PK-U	32	-44.2	0	49.27	-	-	88.2	-38.93	290	356	H
	2400.088	50.11	ADR	32	-44.2	2.02	39.93	68.2	-28.27	-	-	290	356	H
1	1919.697	73.01	PK-U	31	-45	0	59.01	-	-	88.2	-29.19	177	112	H
	1920.01	45.78	ADR	31	-45	2.02	33.8	68.2	-34.4	-	-	177	112	H
4	2399.976	60.53	PK-U	32	-44.2	0	48.33	-	-	88.2	-39.87	202	195	V
	2400.051	49.88	ADR	32	-44.2	2.02	39.7	68.2	-28.5	-	-	202	195	V
3	1919.485	60.18	PK-U	31	-44.9	0	46.28	-	-	88.2	-41.92	280	193	V
	1920.135	42.77	ADR	31	-45	2.02	30.79	68.2	-37.41	-	-	280	193	V
5	* 11903.29	44.98	PK-U	38.7	-33.7	0	49.98	-	-	74	-24.02	342	257	H
	* 11900.109	33.53	ADR	38.7	-33.6	2.02	40.65	54	-13.35	-	-	342	257	H
6	* 11966.84	44.48	PK-U	38.8	-33.4	0	49.88	-	-	74	-24.12	299	295	V
	* 11967.623	32.69	ADR	38.8	-33.4	2.02	40.11	54	-13.89	-	-	299	295	V

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

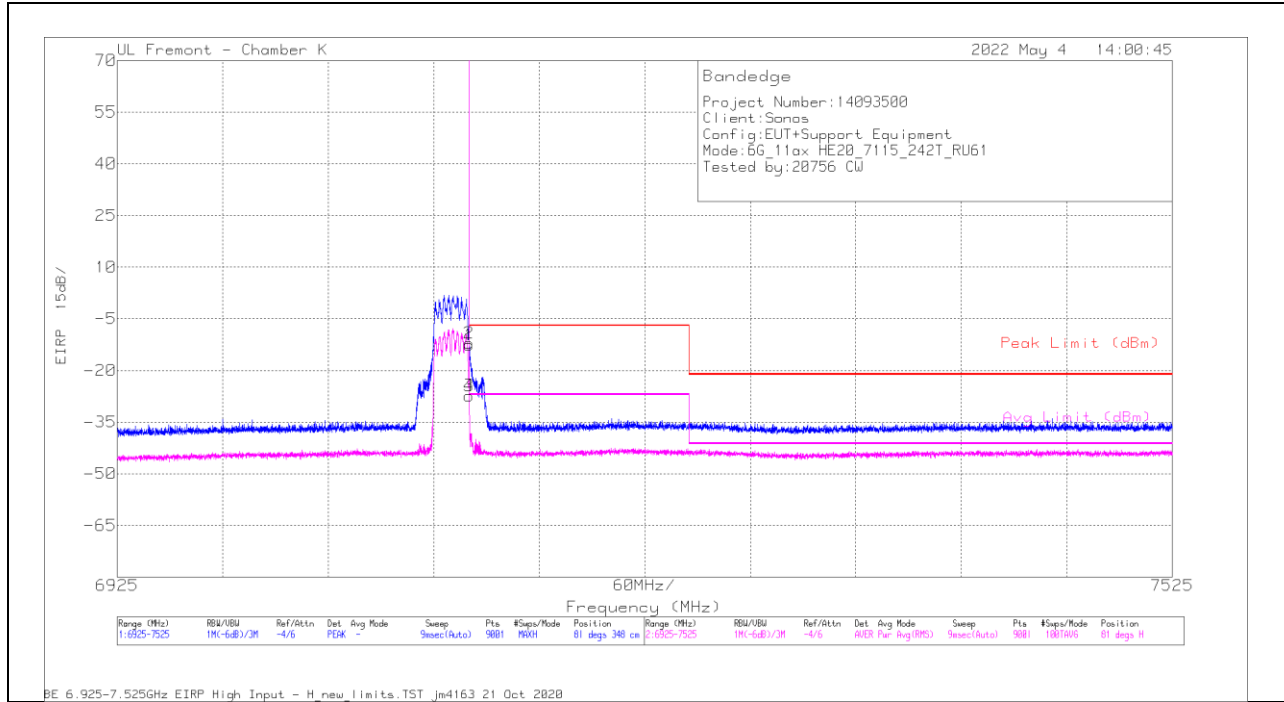
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 242-Tones, RU Index 61**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



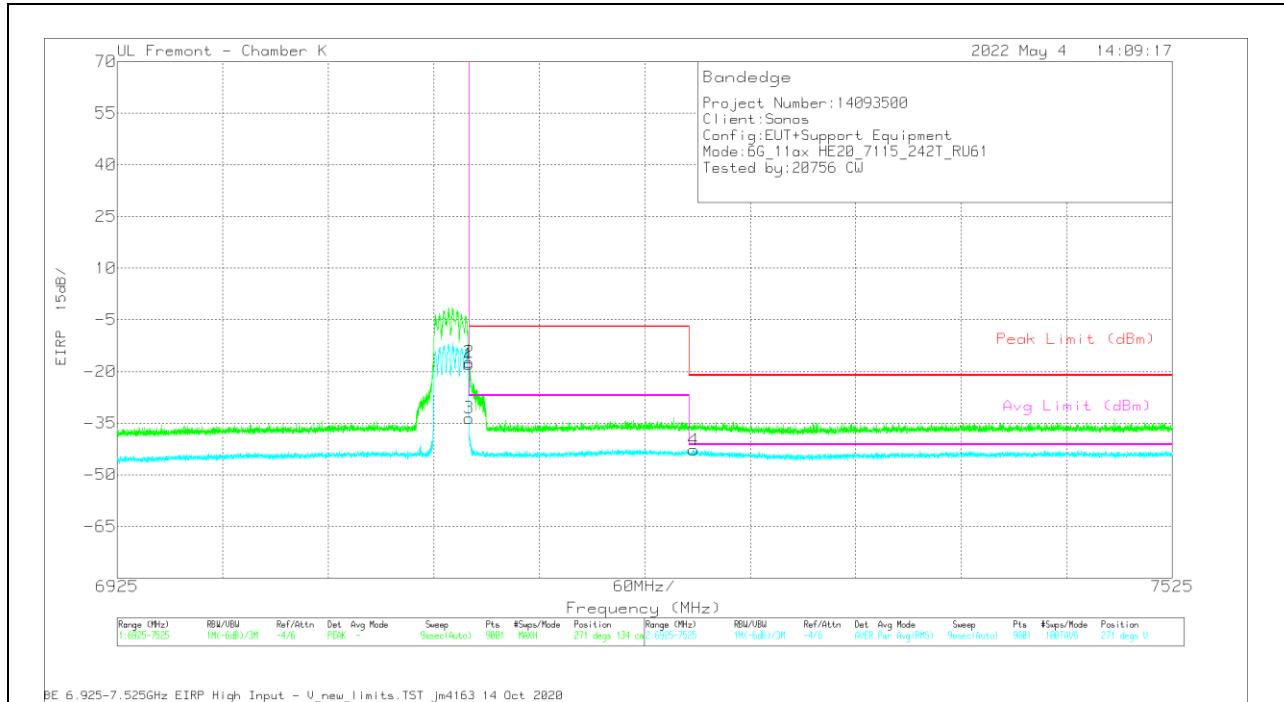
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/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	-55.94	Pk	36	-4.5	11.8	0	-12.64	-7	-5.64	-	-	81	348	H
2	7125.201	-55.36	Pk	36	-4.5	11.8	0	-12.06	-7	-5.06	-	-	81	348	H
3	7125	-73.57	RMS	36	-4.5	11.8	2.92	-27.35	-	-	-27	-35	81	348	H
4	7125.001	-73.59	RMS	36	-4.5	11.8	2.92	-27.37	-	-	-27	-37	81	348	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	-61.21	PK	36	-4.5	11.8	0	-17.91	-7	-10.91	-	-	271	134	V
2	7125.134	-60.64	PK	36	-4.5	11.8	0	-17.34	-7	-10.34	-	-	271	134	V
3	7125	-79.75	RMS	36	-4.5	11.8	2.92	-33.53	-	-	-27	-6.53	271	134	V
4	* 7252.802	-89.17	RMS	35.8	-4.1	11.8	2.92	-42.75	-	-	-41.2	-1.55	271	134	V

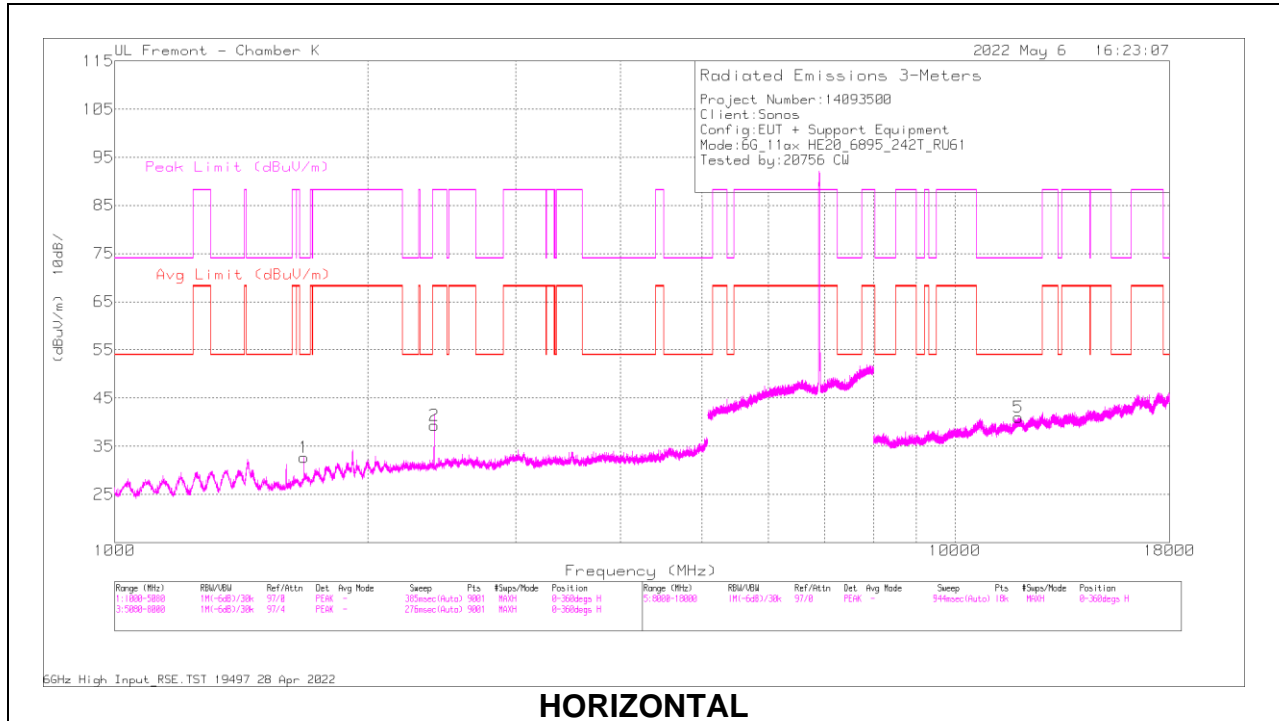
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

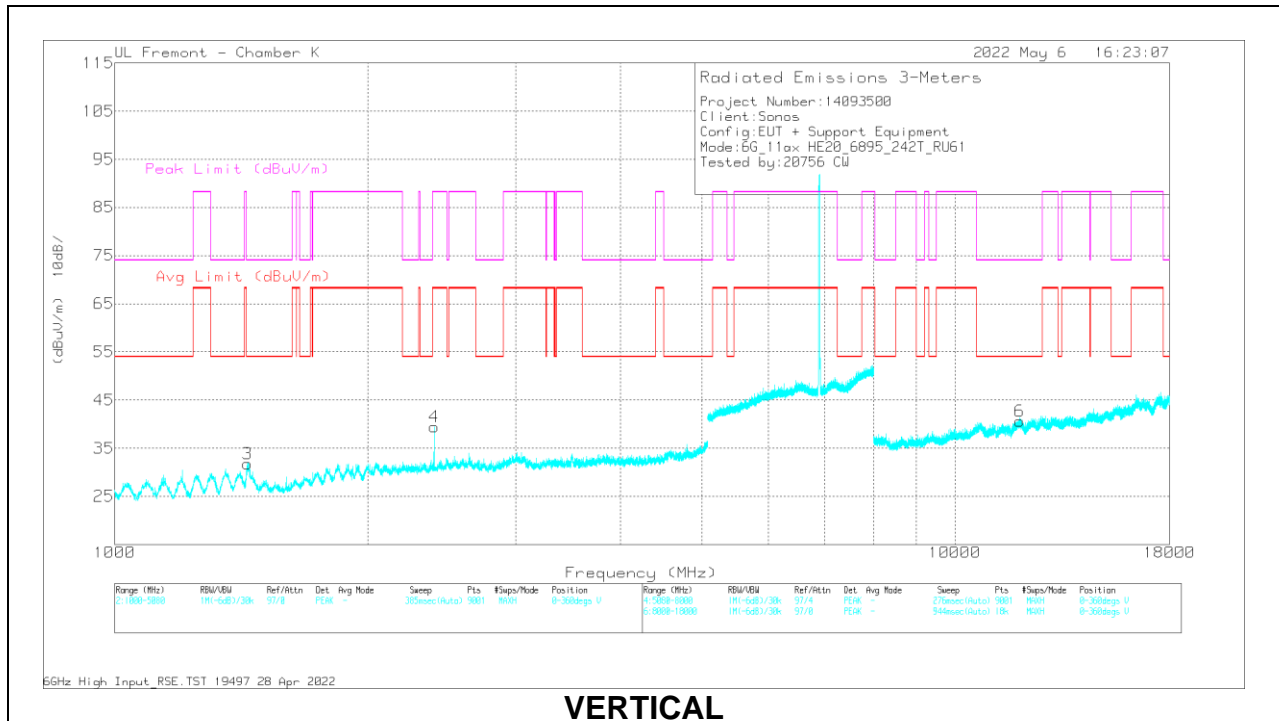
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

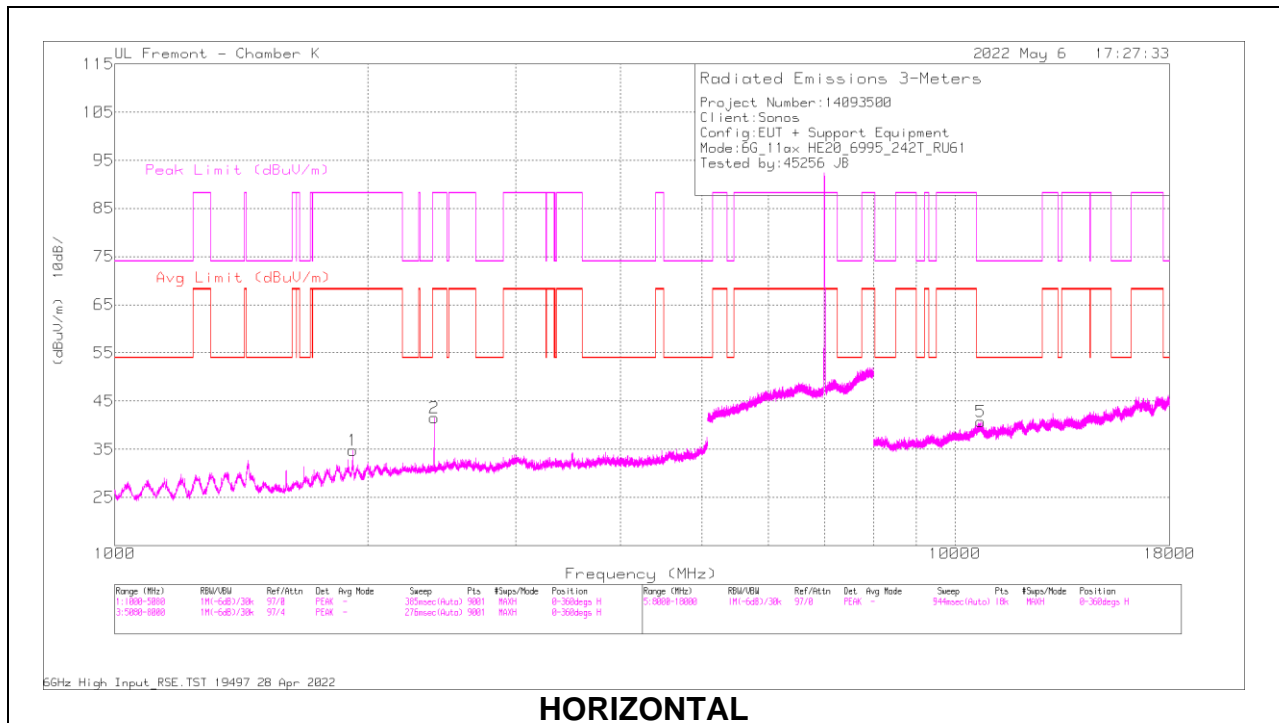
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1679.408	56.4	PK-U	28.8	-46	0	39.2	-	-	74	-34.8	114	375	H
	* 1679.992	44.91	ADR	28.8	-46.1	2.92	30.53	54	-23.47	-	-	114	375	H
2	2400.098	61.17	PK-U	32	-44.2	0	48.97	-	-	88.2	-39.23	138	145	H
	2400.122	53.5	ADR	32	-44.2	2.92	44.22	68.2	-23.98	-	-	138	145	H
3	* 1439.856	69.09	PK-U	29	-45.7	0	52.39	-	-	74	-21.61	158	162	V
	* 1439.876	48.06	ADR	29	-45.7	2.92	34.28	54	-19.72	-	-	158	162	V
4	2400.176	58.2	PK-U	32	-44.2	0	46	-	-	88.2	-42.2	331	128	V
	2400.008	50.52	ADR	32	-44.2	2.92	41.24	68.2	-26.96	-	-	331	128	V
5	* 11901.001	45.56	PK-U	38.7	-33.7	0	50.56	-	-	74	-23.44	225	328	H
	* 11903.726	33.28	ADR	38.7	-33.7	2.92	41.2	54	-12.8	-	-	225	328	H
6	* 11941.682	45.08	PK-U	38.7	-33.5	0	50.28	-	-	74	-23.72	298	168	V
	* 11940.283	32.88	ADR	38.7	-33.5	2.92	41	54	-13	-	-	298	168	V

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

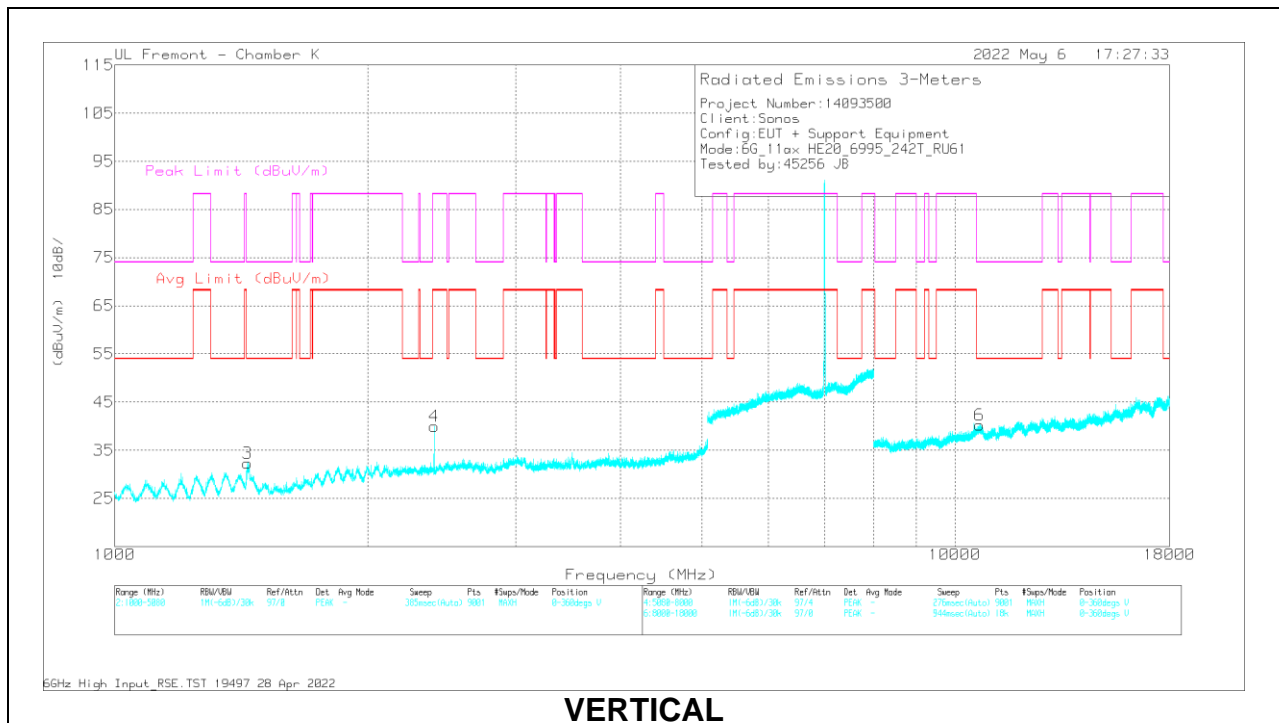
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

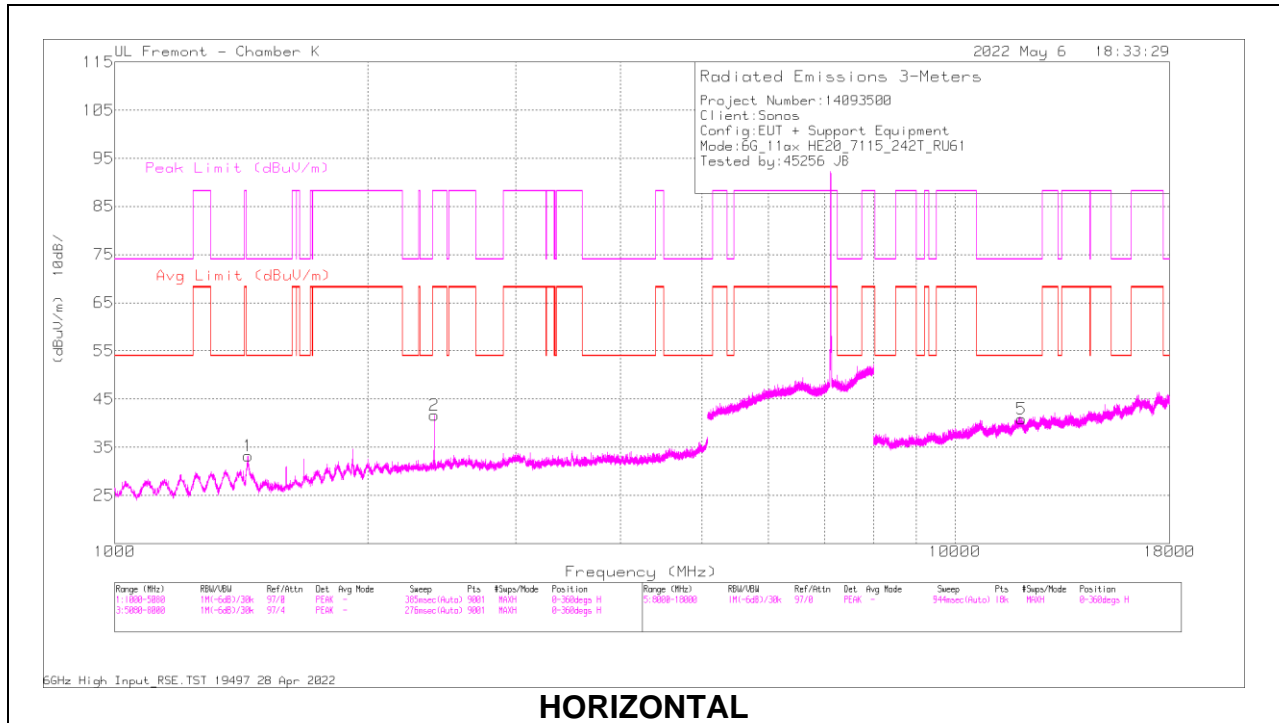
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1920.008	77.44	PK-U	31	-45	0	63.44	-	-	88.2	-24.76	172	111	H
	1920.14	48.15	ADR	31	-45	2.92	37.07	68.2	-31.13	-	-	172	111	H
2	2400.512	63.04	PK-U	32	-44.2	0	50.84	-	-	88.2	-37.36	139	118	H
	2400.08	53.27	ADR	32	-44.2	2.92	43.99	68.2	-24.21	-	-	139	118	H
3	* 1439.656	66.1	PK-U	29	-45.7	0	49.4	-	-	74	-24.6	154	169	V
	* 1439.716	46.09	ADR	29	-45.7	2.92	32.31	54	-21.69	-	-	154	169	V
4	2399.996	64.04	PK-U	32	-44.2	0	51.84	-	-	88.2	-36.36	31	316	V
	2400.012	51.83	ADR	32	-44.2	2.92	42.55	68.2	-25.65	-	-	31	316	V
5	* 10730.917	46.34	PK-U	38.1	-35.1	0	49.34	-	-	74	-24.66	280	104	H
	* 10732.403	34.74	ADR	38.1	-35.2	2.92	40.56	54	-13.44	-	-	280	104	H
6	* 10700.031	47.32	PK-U	38.2	-35.3	0	50.22	-	-	74	-23.78	192	295	V
	* 10697.809	35.14	ADR	38.2	-35.3	2.92	40.96	54	-13.04	-	-	192	295	V

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

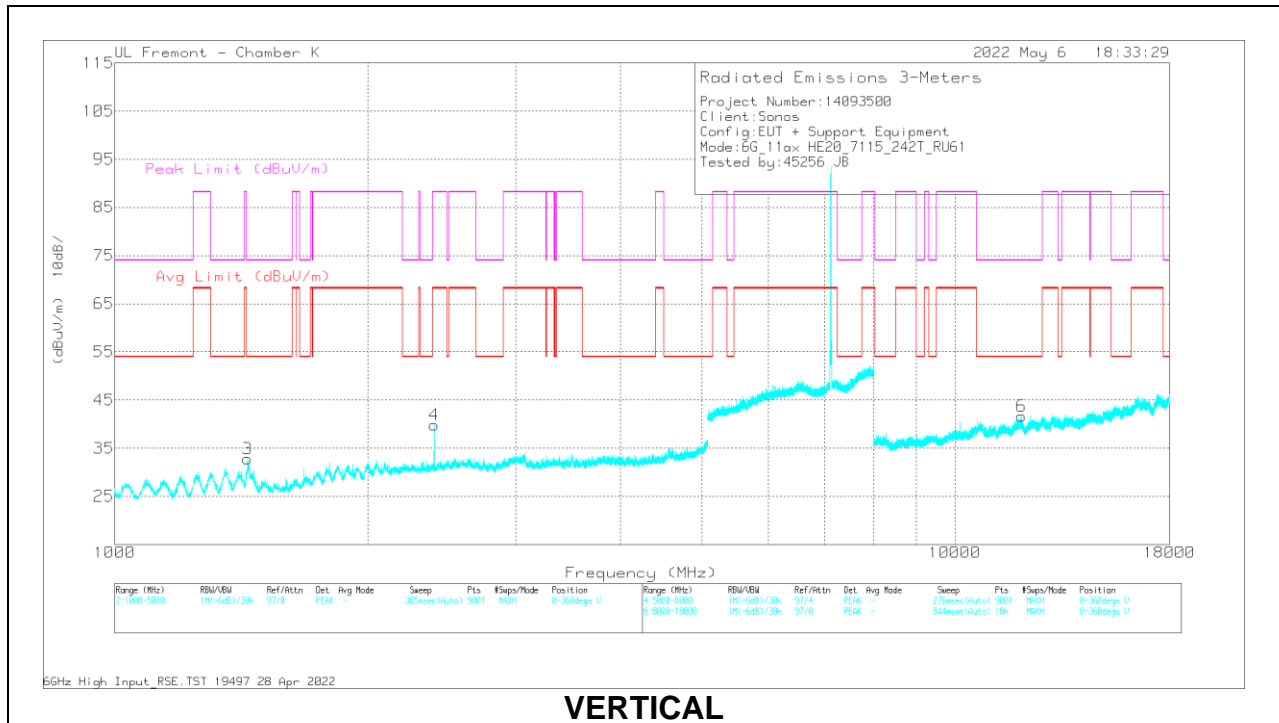
PK-U - U-NII: Maximum Peak

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/Cb/Fitr (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	* 1439.812	69.12	PK-U	29	-45.7	0	52.42	-	-	74	-21.58	150	115	H
	* 1441.758	48.59	ADR	29	-45.6	2.92	34.91	54	-19.09	-	-	150	115	H
2	2399.669	59.63	PK-U	32	-44.2	0	47.43	-	-	88.2	-40.77	43	205	H
	2400.072	52.55	ADR	32	-44.2	2.92	43.27	68.2	-24.93	-	-	43	205	H
3	* 1440.094	65.71	PK-U	29	-45.7	0	49.01	-	-	74	-24.99	223	144	V
	* 1441.377	46.11	ADR	29	-45.7	2.92	32.33	54	-21.67	-	-	223	144	V
4	2400.044	68.45	PK-U	32	-44.2	0	56.25	-	-	88.2	-31.95	21	112	V
	2400.04	51.33	ADR	32	-44.2	2.92	42.05	68.2	-26.15	-	-	21	112	V
5	* 12000.623	43.99	PK-U	38.8	-33	0	49.79	-	-	74	-24.21	42	168	H
	* 12001.447	32.35	ADR	38.8	-33	2.92	41.07	54	-12.93	-	-	42	168	H
6	* 11994.449	44.1	PK-U	38.8	-33.1	0	49.8	-	-	74	-24.2	99	344	V
	* 11997.29	32.56	ADR	38.8	-33.1	2.92	41.18	54	-12.82	-	-	99	344	V

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

PK-U - U-NII: Maximum Peak

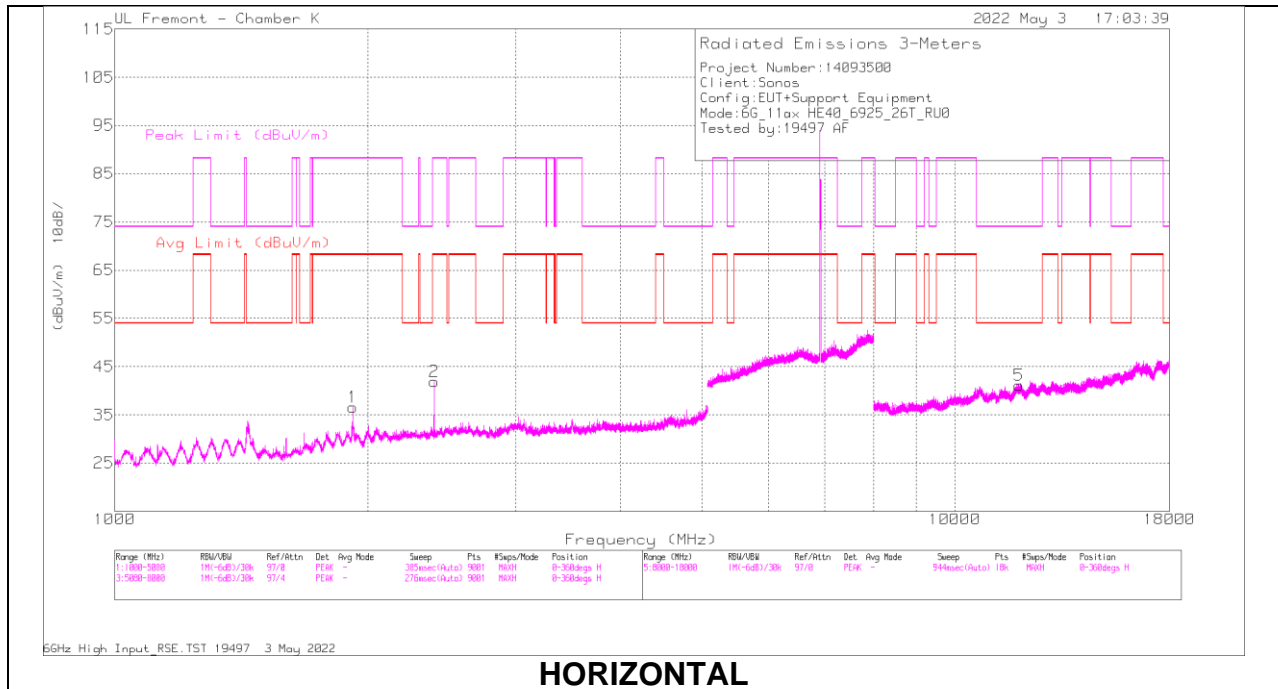
ADR - U-NII AD primary method, RMS average

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

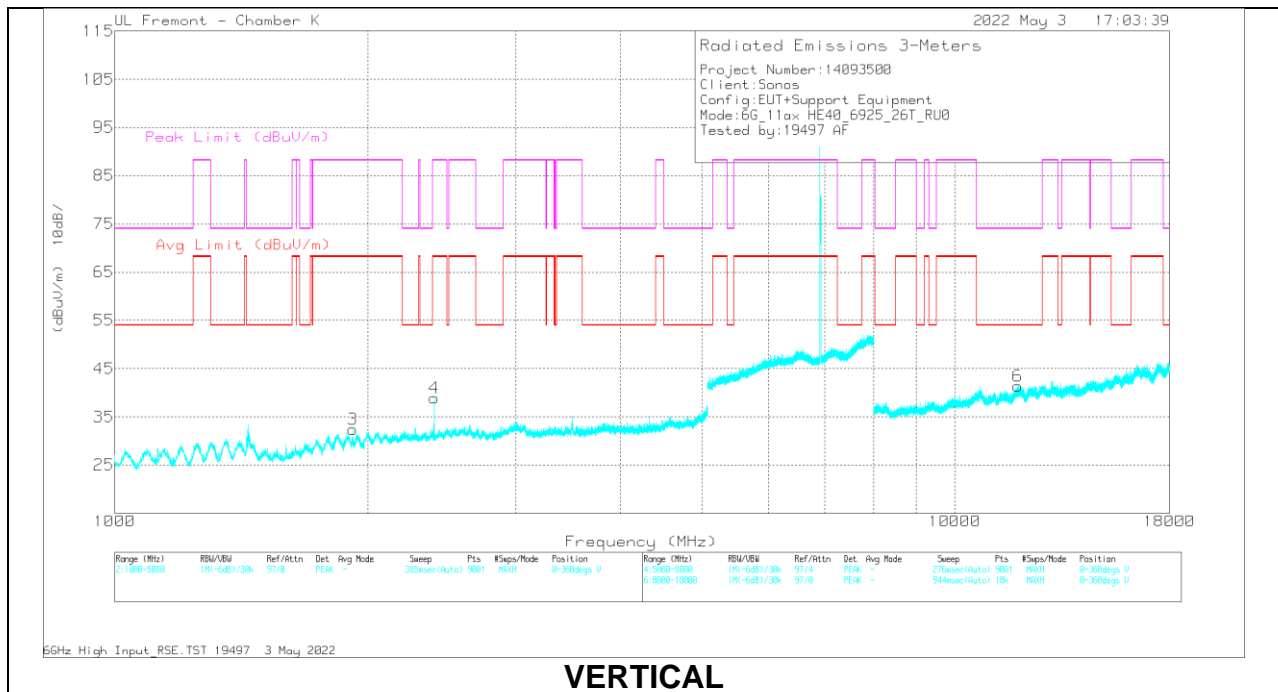
#### 2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

#### HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL



#### HORIZONTAL



#### VERTICAL



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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	1919.553	64.85	PK-U	31	-44.9	0	50.95	-	-	88.2	-37.25	168	112	H
	1920.061	47.16	ADR	31	-45	2.01	35.17	68.2	-33.03	-	-	168	112	H
2	2399.433	62.92	PK-U	32	-44.2	0	50.72	-	-	88.2	-37.48	298	102	H
	2399.991	49.5	ADR	32	-44.2	2.01	39.31	68.2	-28.89	-	-	298	102	H
3	1919.265	60.85	PK-U	31	-44.9	0	46.95	-	-	88.2	-41.25	31	100	V
	1920.029	43.92	ADR	31	-45	2.01	31.93	68.2	-36.27	-	-	31	100	V
4	2399.91	58.9	PK-U	32	-44.2	0	46.7	-	-	88.2	-41.5	34	105	V
	2400.042	47.02	ADR	32	-44.2	2.01	36.83	68.2	-31.37	-	-	34	105	V
5	* 11915.28	45.18	PK-U	38.7	-33.7	0	50.18	-	-	74	-23.82	225	222	H
	* 11916.759	33.02	ADR	38.7	-33.7	2.01	40.03	54	-13.97	-	-	225	222	H
6	* 11887.912	44.77	PK-U	38.7	-33.8	0	49.67	-	-	74	-24.33	328	258	V
	* 11887.804	33.27	ADR	38.7	-33.8	2.01	40.18	54	-13.82	-	-	328	258	V

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

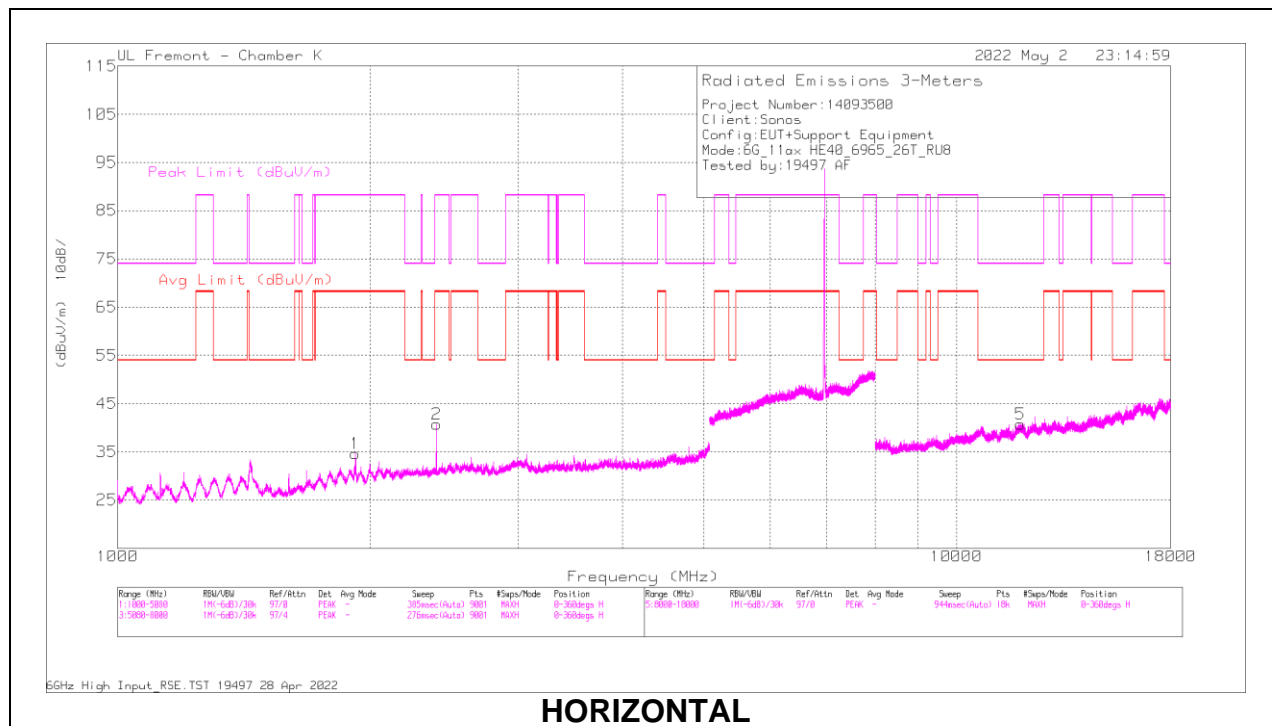
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

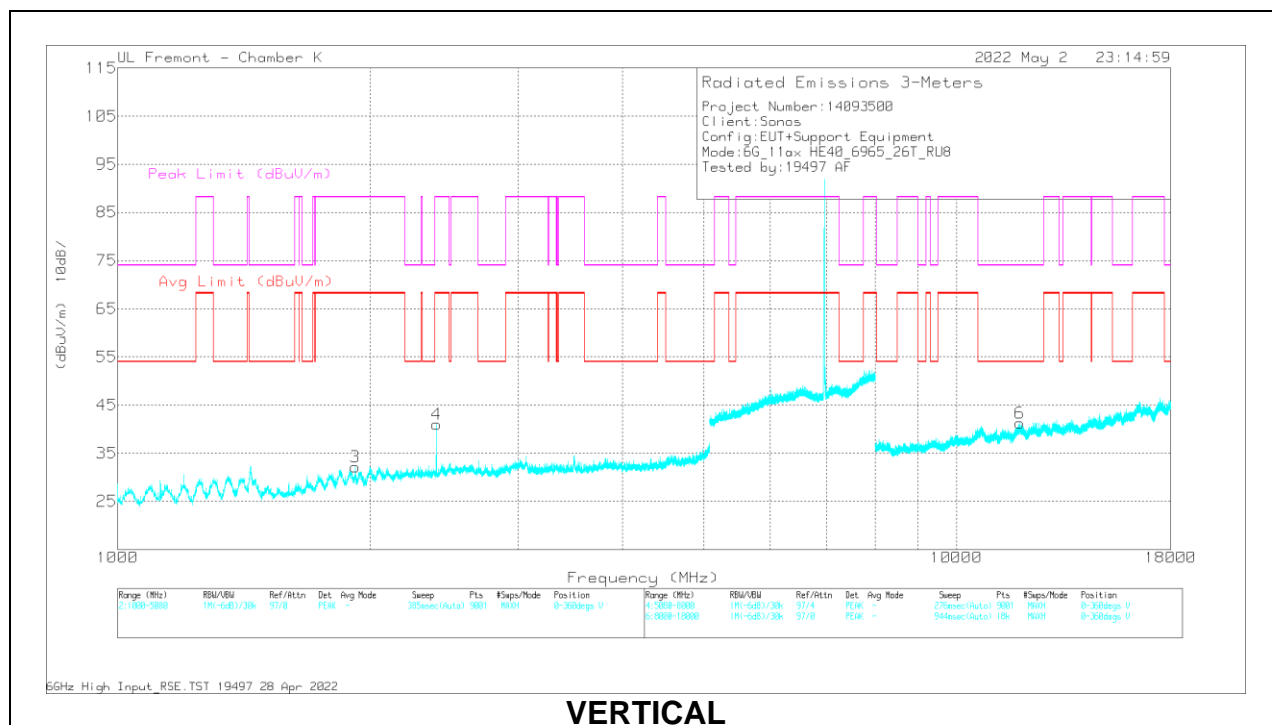
**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 8**

**HARMONICS AND SPURIOUS EMISSIONS**

**MID CHANNEL**



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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	1920.82	63.92	PK-U	31	-45.1	0	49.82	-	-	88.2	-38.38	162	169	H
	1920.061	47.22	ADR	31	-45	2.01	35.23	68.2	-32.97	-	-	162	169	H
2	2400.156	60.22	PK-U	32	-44.2	0	48.02	-	-	88.2	-40.18	48	127	H
	2400.054	48.41	ADR	32	-44.2	2.01	38.22	68.2	-29.98	-	-	48	127	H
3	1920.572	61.01	PK-U	31	-45.1	0	46.91	-	-	88.2	-41.29	307	164	V
	1919.998	43.71	ADR	31	-45	2.01	31.72	68.2	-36.48	-	-	307	164	V
4	2400.268	60.61	PK-U	32	-44.2	0	48.41	-	-	88.2	-39.79	190	177	V
	2400.059	50.65	ADR	32	-44.2	2.01	40.46	68.2	-27.74	-	-	190	177	V
5	* 11912.423	45.53	PK-U	38.7	-33.7	0	50.53	-	-	74	-23.47	291	133	H
	* 11913.362	33.19	ADR	38.7	-33.7	2.01	40.2	54	-13.8	-	-	291	133	H
6	* 11889.554	45.05	PK-U	38.7	-33.7	0	50.05	-	-	74	-23.95	167	346	V
	* 11890.613	33.58	ADR	38.7	-33.7	2.01	40.59	54	-13.41	-	-	167	346	V

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

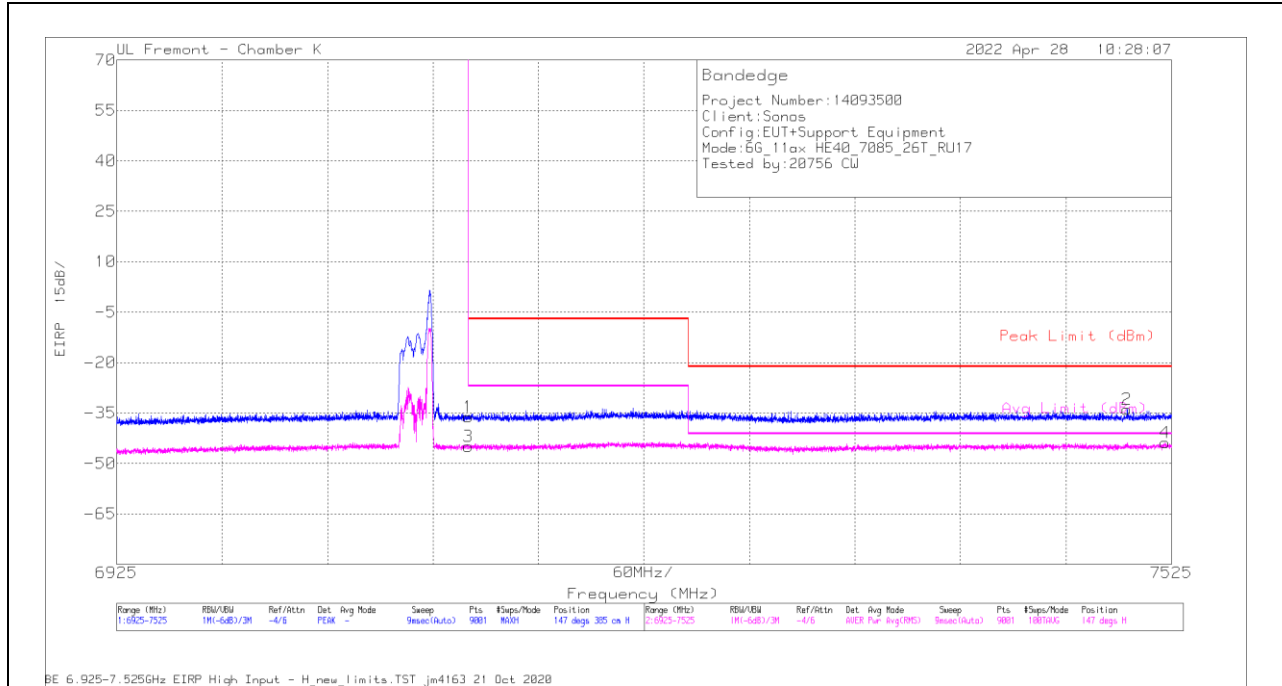
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 17**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

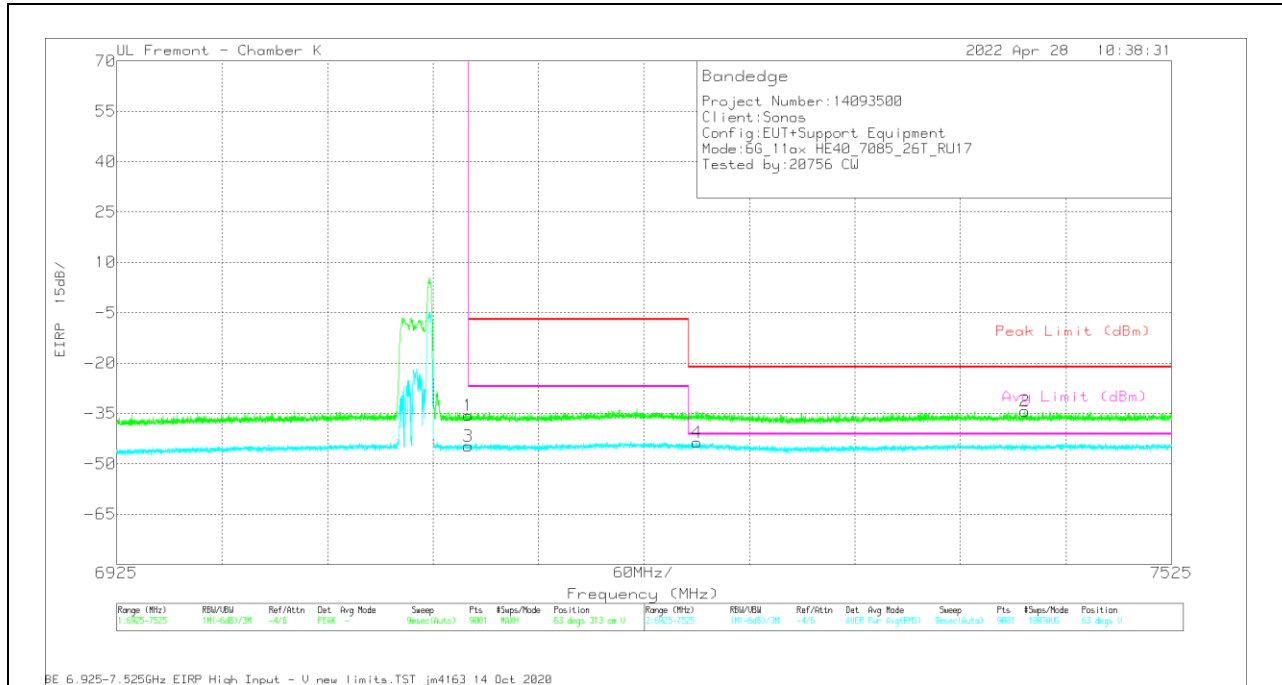


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/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	-79.4	Pk	36	-4.5	11.8	0	-36.1	-7	-29.1	-	-	147	385	H
2	* 7499.803	-77.65	Pk	35.8	-3.8	11.8	0	-33.85	-21.2	-12.65	-	-	147	385	H
3	7125	-90.22	RMS	36	-4.5	11.8	2.01	-44.91	-	-	-27	-17.91	147	385	H
4	* 7521.403	-89.72	RMS	35.8	-3.6	11.8	2.01	-43.71	-	-	-41.2	-2.51	147	385	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	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	-78.9	PK	36	-4.5	11.8	0	-35.6	-7	-28.6	-	-	63	313	V
2	* 7441.736	-77.7	PK	35.8	-4.1	11.8	0	-34.2	-21.2	-13	-	-	63	313	V
3	7125	-90.1	RMS	36	-4.5	11.8	2.01	-44.79	-	-	-27	-17.79	63	313	V
4	* 7255.002	-89.16	RMS	35.8	-4.1	11.8	2.01	-43.65	-	-	-41.2	-2.45	63	313	V

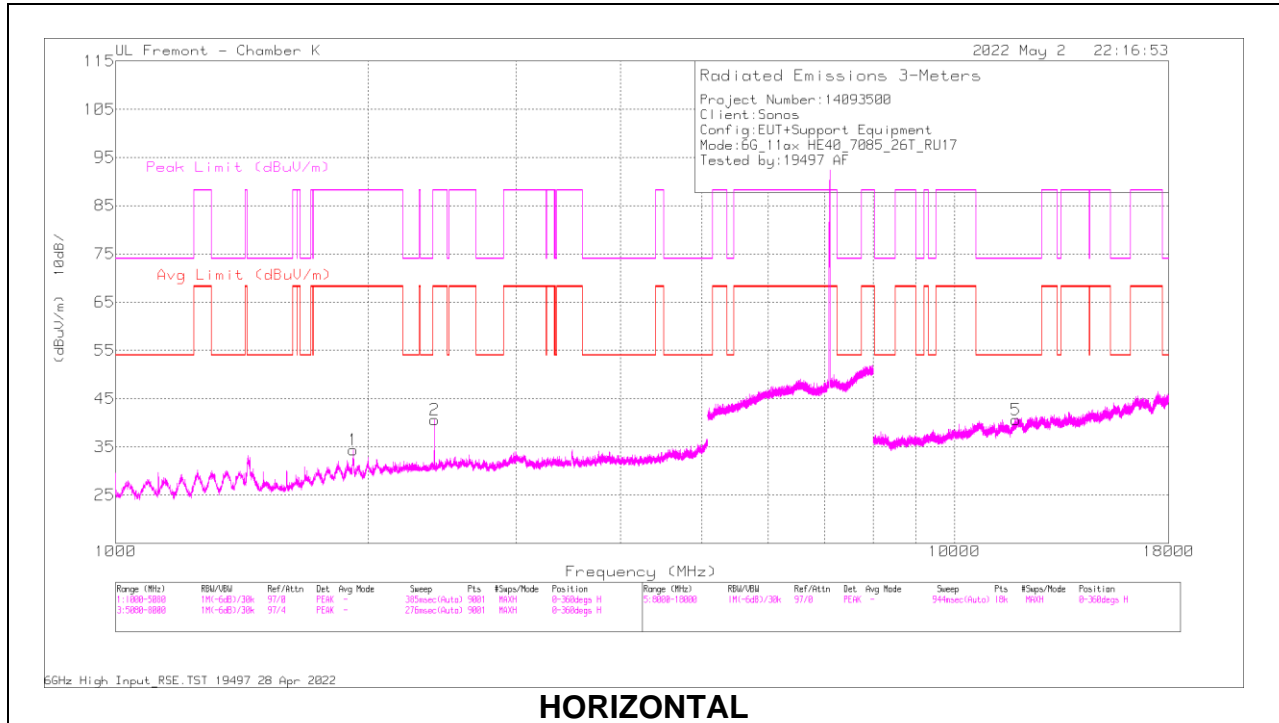
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

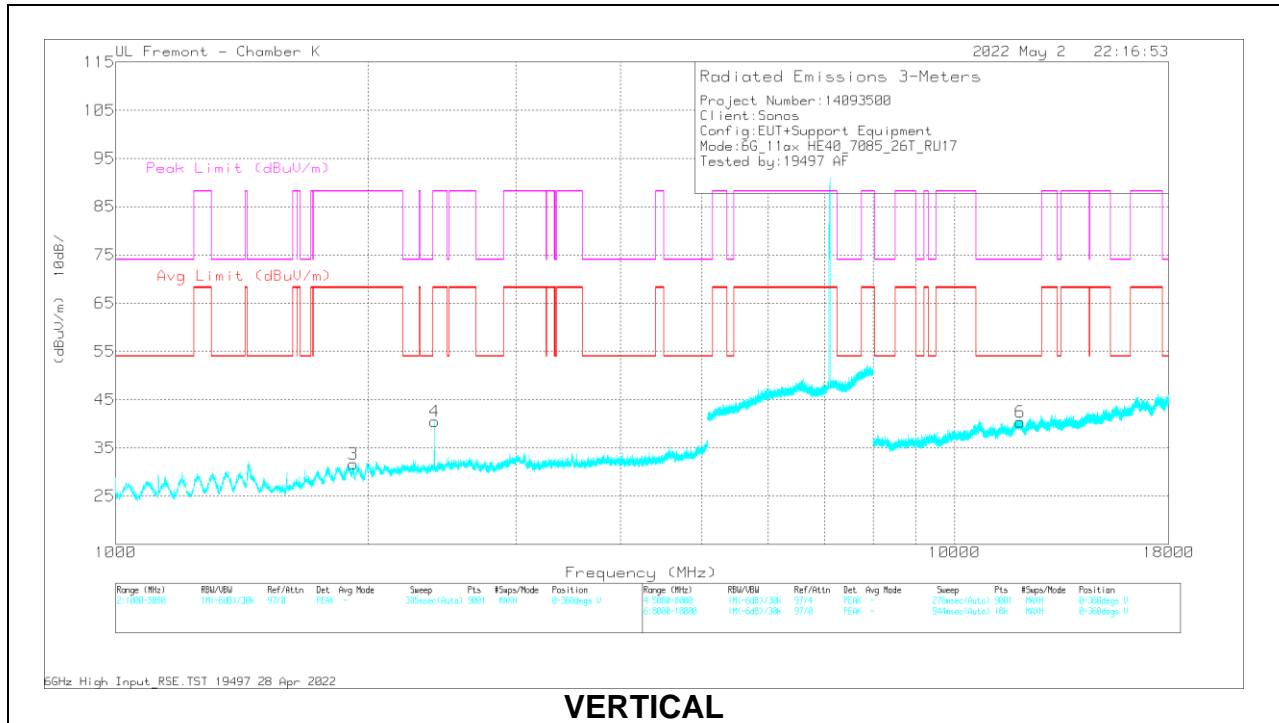
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## HIGH CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fitr (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	1921.085	65.64	PK-U	31	-45.1	0	51.54	-	-	88.2	-36.66	164	158	H
	1920.058	47.49	ADR	31	-45	2.01	35.5	68.2	-32.7	-	-	164	158	H
2	2399.924	61.28	PK-U	32	-44.2	0	49.08	-	-	88.2	-39.12	136	134	H
	2400.018	49.9	ADR	32	-44.2	2.01	39.71	68.2	-28.49	-	-	136	134	H
3	1920.924	61.46	PK-U	31	-45.1	0	47.36	-	-	88.2	-40.84	309	166	V
	1920.043	43.77	ADR	31	-45	2.01	31.78	68.2	-36.42	-	-	309	166	V
4	2399.733	57.52	PK-U	32	-44.2	0	45.32	-	-	88.2	-42.88	194	195	V
	2400.05	47.32	ADR	32	-44.2	2.01	37.13	68.2	-31.07	-	-	194	195	V
5	* 11834.817	44.91	PK-U	38.7	-34	0	49.61	-	-	74	-24.39	116	368	H
	* 11832.631	33.46	ADR	38.7	-34	2.01	40.17	54	-13.83	-	-	116	368	H
6	* 11980.437	44.09	PK-U	38.8	-33.4	0	49.49	-	-	74	-24.51	120	374	V
	* 11981.184	32.56	ADR	38.8	-33.4	2.01	39.97	54	-14.03	-	-	120	374	V

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

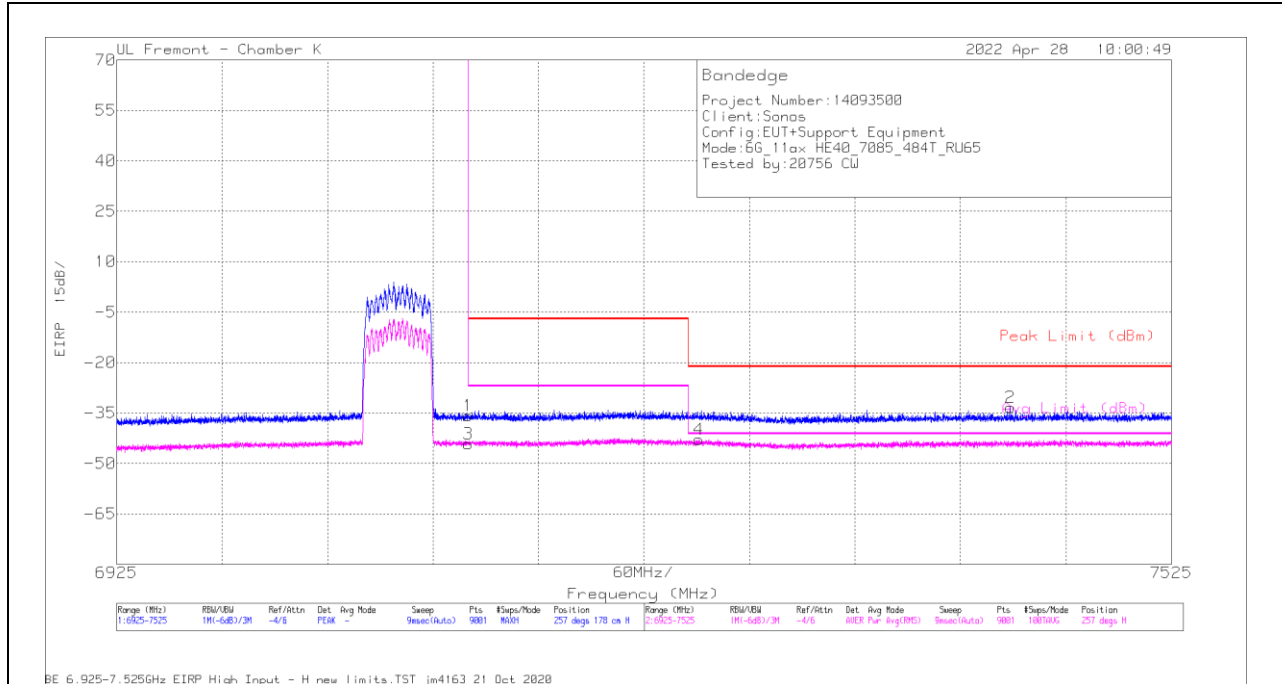
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 484-Tones, RU Index 65**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



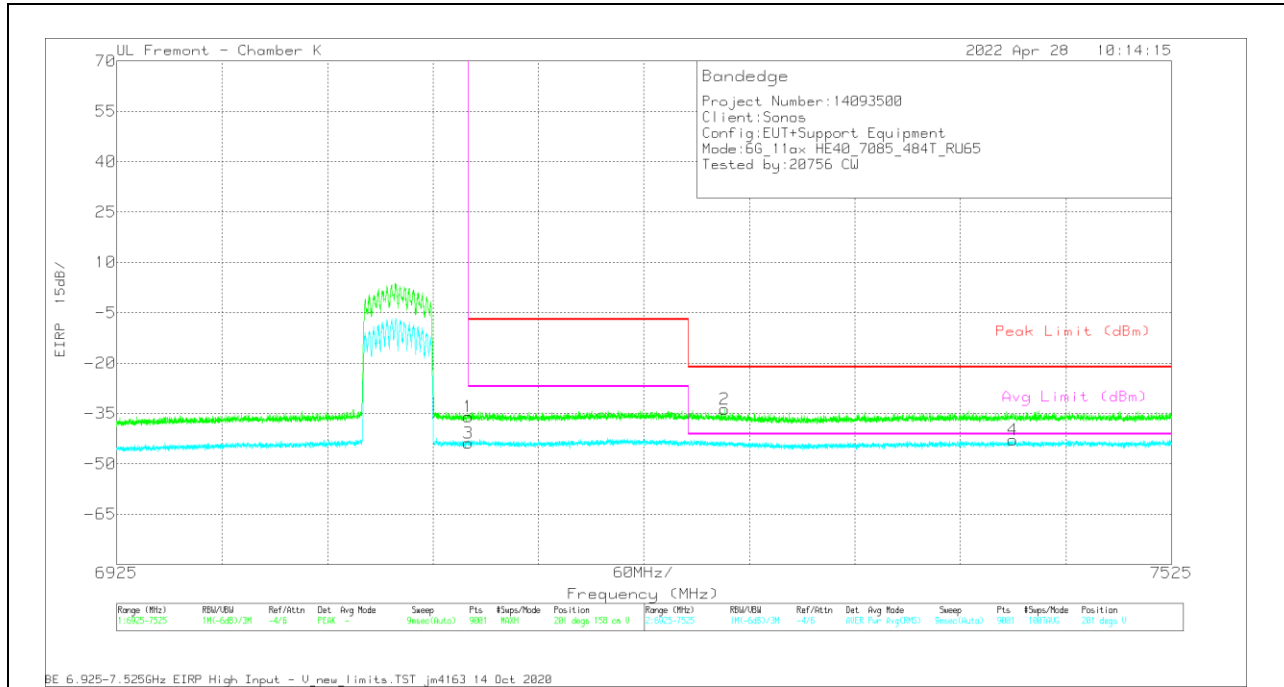
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/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	-79.03	Pk	36	-4.5	11.8	0	-35.73	-7	-28.73	-	-	257	178	H
2	* 7433.269	-76.8	Pk	35.8	-4.1	11.8	0	-33.3	-21.2	-12.1	-	-	257	178	H
3	7125	-90.49	RMS	36	-4.5	11.8	2.96	-44.23	-	-	-27	-17.23	257	178	H
4	* 7256.335	-89.3	RMS	35.8	-4.1	11.8	2.96	-42.84	-	-	-41.2	-1.64	257	178	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	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	-79.32	Pk	36	-4.5	11.8	0	-36.02	-7	-29.02	-	-	201	158	V
2	* 7270.735	-77.37	Pk	35.8	-4	11.8	0	-33.77	-21.2	-12.57	-	-	201	158	V
3	7125	-90.05	RMS	36	-4.5	11.8	2.96	-43.79	-	-	-27	-16.79	201	158	V
4	* 7434.869	-89.33	RMS	35.8	-4.1	11.8	2.96	-42.87	-	-	-41.2	-1.67	201	158	V

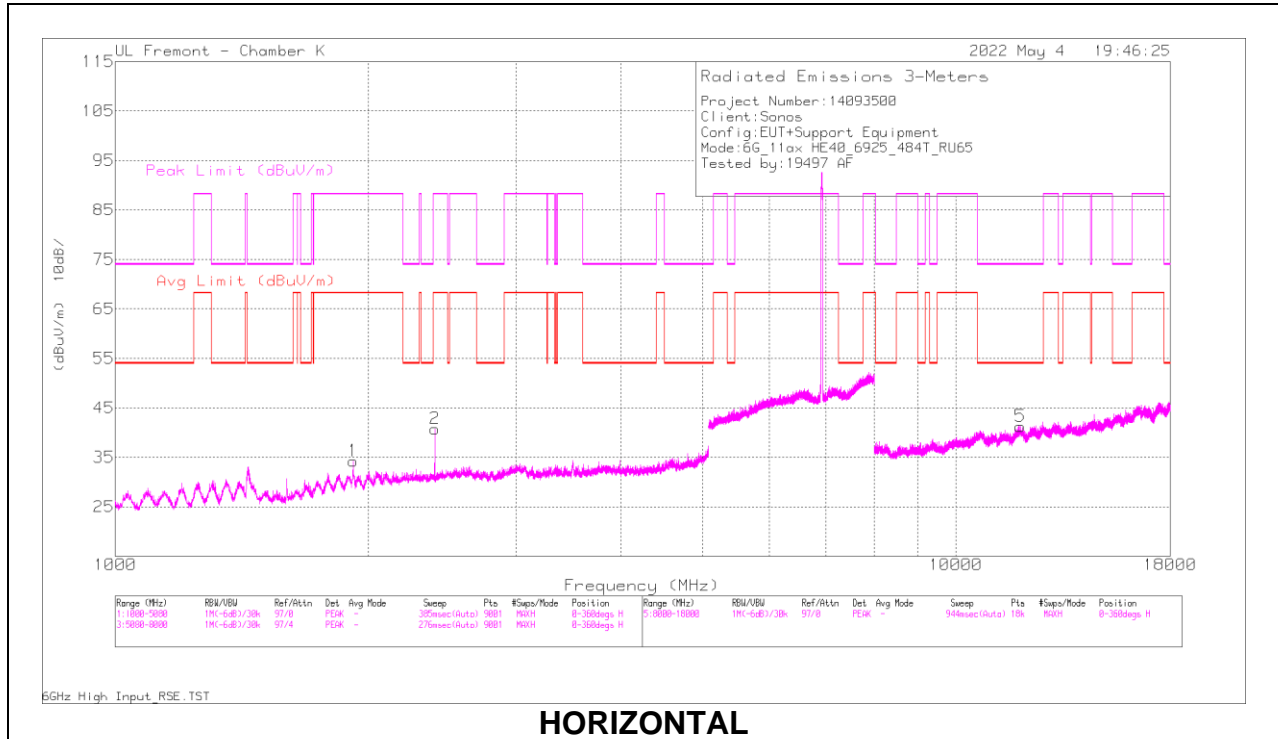
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

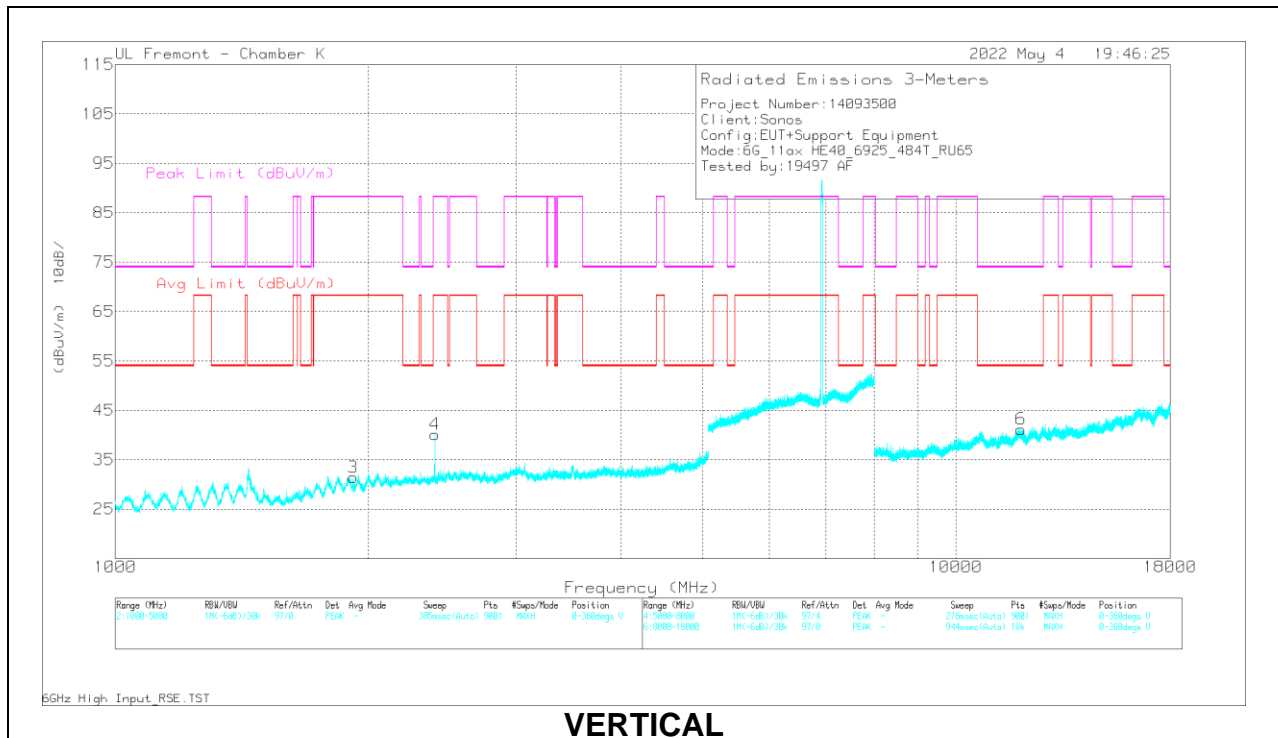
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

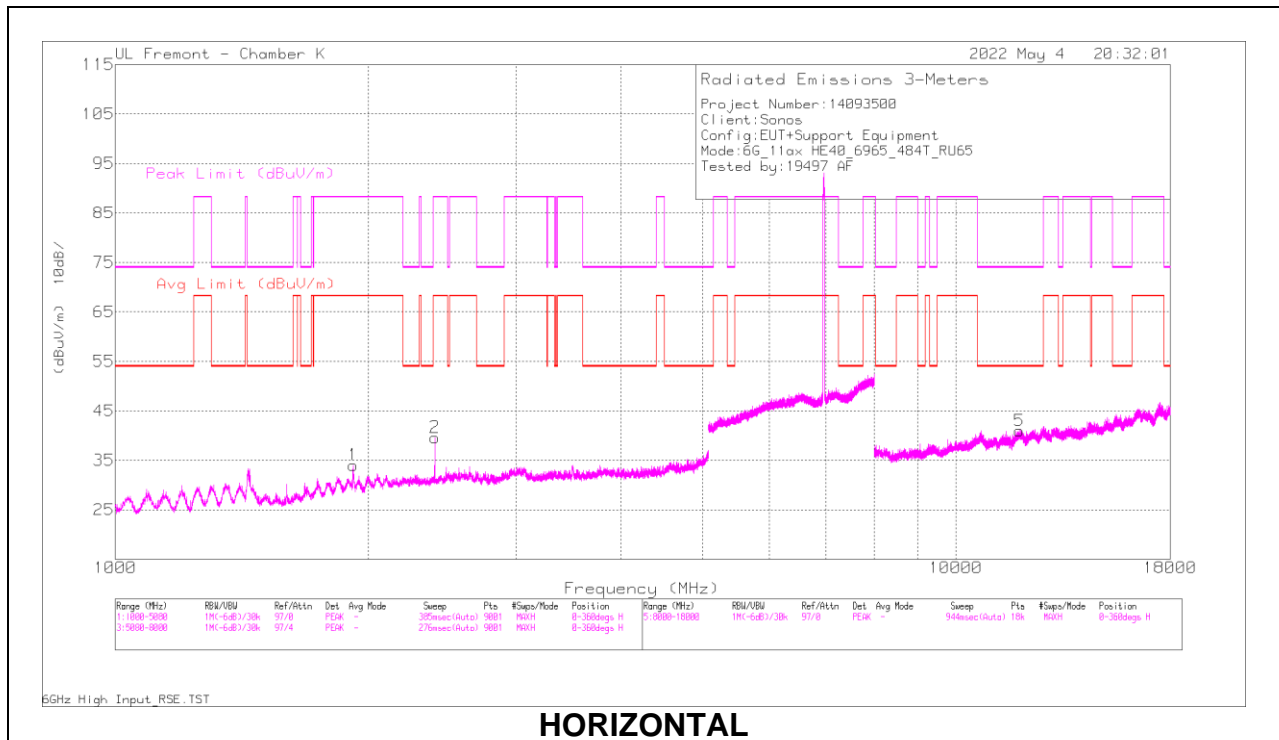
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1920.344	64.91	PK-U	31	-45	0	50.91	-	-	88.2	-37.29	207	231	H
	1920.095	47.46	ADR	31	-45	2.96	36.42	68.2	-31.78	-	-	207	231	H
2	2400.588	61.68	PK-U	32	-44.2	0	49.48	-	-	88.2	-38.72	290	394	H
	2399.959	47.63	ADR	32	-44.2	2.96	38.39	68.2	-29.81	-	-	290	394	H
3	1920.196	58.2	PK-U	31	-45	0	44.2	-	-	88.2	-44	151	279	V
	1920.112	43.36	ADR	31	-45	2.96	32.32	68.2	-35.88	-	-	151	279	V
4	2400.068	59.55	PK-U	32	-44.2	0	47.35	-	-	88.2	-40.85	199	201	V
	2400.008	51.35	ADR	32	-44.2	2.96	42.11	68.2	-26.09	-	-	199	201	V
5	* 11938.053	44.49	PK-U	38.7	-33.5	0	49.69	-	-	74	-24.31	352	183	H
	* 11938.424	33.08	ADR	38.7	-33.5	2.96	41.24	54	-12.76	-	-	352	183	H
6	* 11959.586	44.67	PK-U	38.8	-33.3	0	50.17	-	-	74	-23.83	93	315	V
	* 11960.665	32.82	ADR	38.7	-33.3	2.96	41.18	54	-12.82	-	-	93	315	V

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

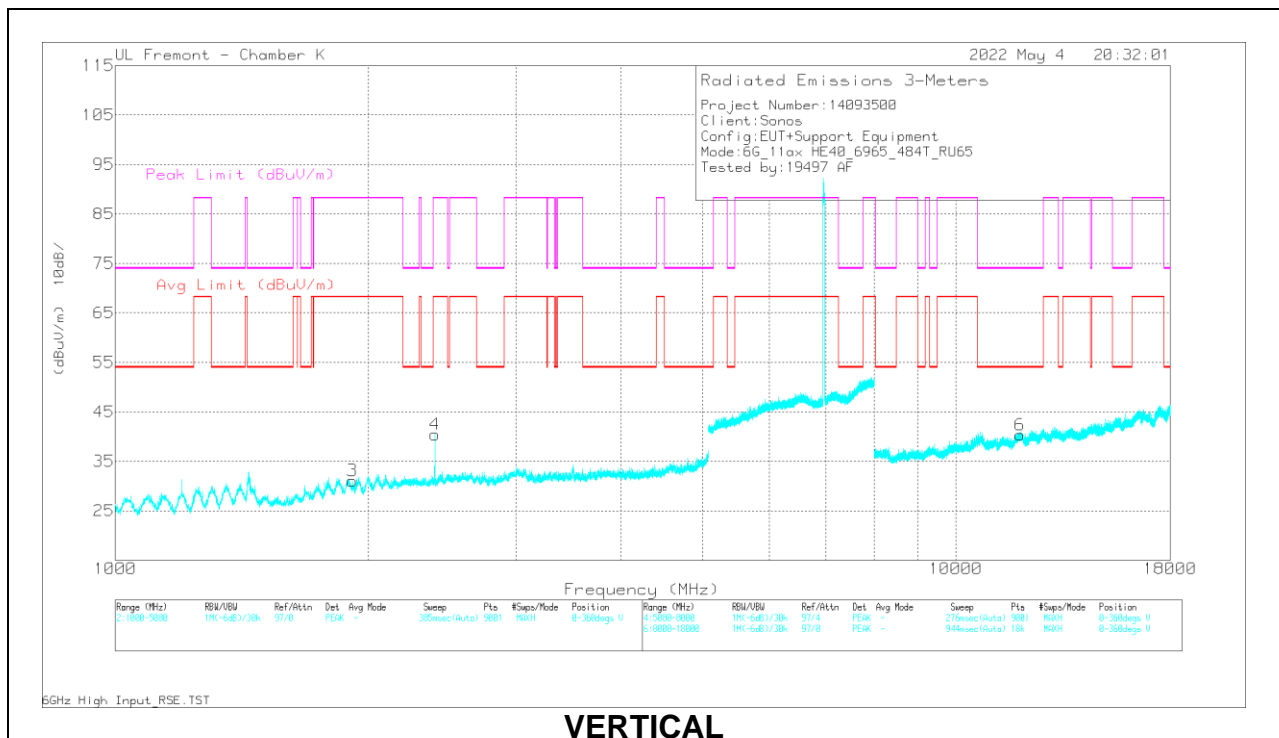
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL



### HORIZONTAL



### VERTICAL

**RADIATED EMISSIONS**

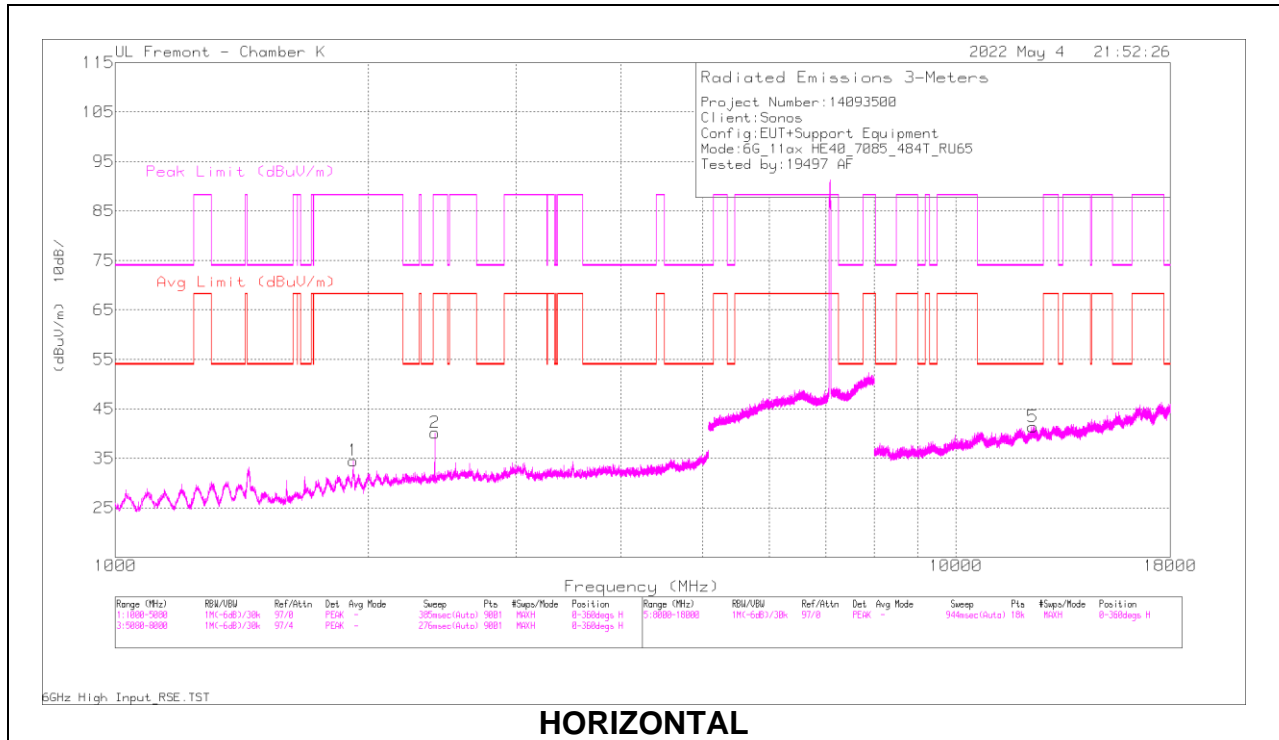
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1920.91	65.13	PK-U	31	-45.1	0	51.03	-	-	88.2	-37.17	164	163	H
	1919.969	47.3	ADR	31	-45	2.96	36.26	68.2	-31.94	-	-	164	163	H
2	2399.952	59.15	PK-U	32	-44.2	0	46.95	-	-	88.2	-41.25	121	268	H
	2400.016	47.31	ADR	32	-44.2	2.96	38.07	68.2	-30.13	-	-	121	268	H
3	1916.316	56.58	PK-U	30.9	-45	0	42.48	-	-	88.2	-45.72	231	239	V
	1913.431	41.86	ADR	30.9	-45.1	2.96	30.62	68.2	-37.58	-	-	231	239	V
4	2399.896	59.5	PK-U	32	-44.2	0	47.3	-	-	88.2	-40.9	191	170	V
	2400.039	46.26	ADR	32	-44.2	2.96	37.02	68.2	-31.18	-	-	191	170	V
5	* 11900.972	45.1	PK-U	38.7	-33.7	0	50.1	-	-	74	-23.9	245	362	H
	* 11902.771	33.44	ADR	38.7	-33.7	2.96	41.4	54	-12.6	-	-	245	362	H
6	* 11933.524	44.93	PK-U	38.7	-33.7	0	49.93	-	-	74	-24.07	337	316	V
	* 11934.04	33.1	ADR	38.7	-33.7	2.96	41.06	54	-12.94	-	-	337	316	V

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

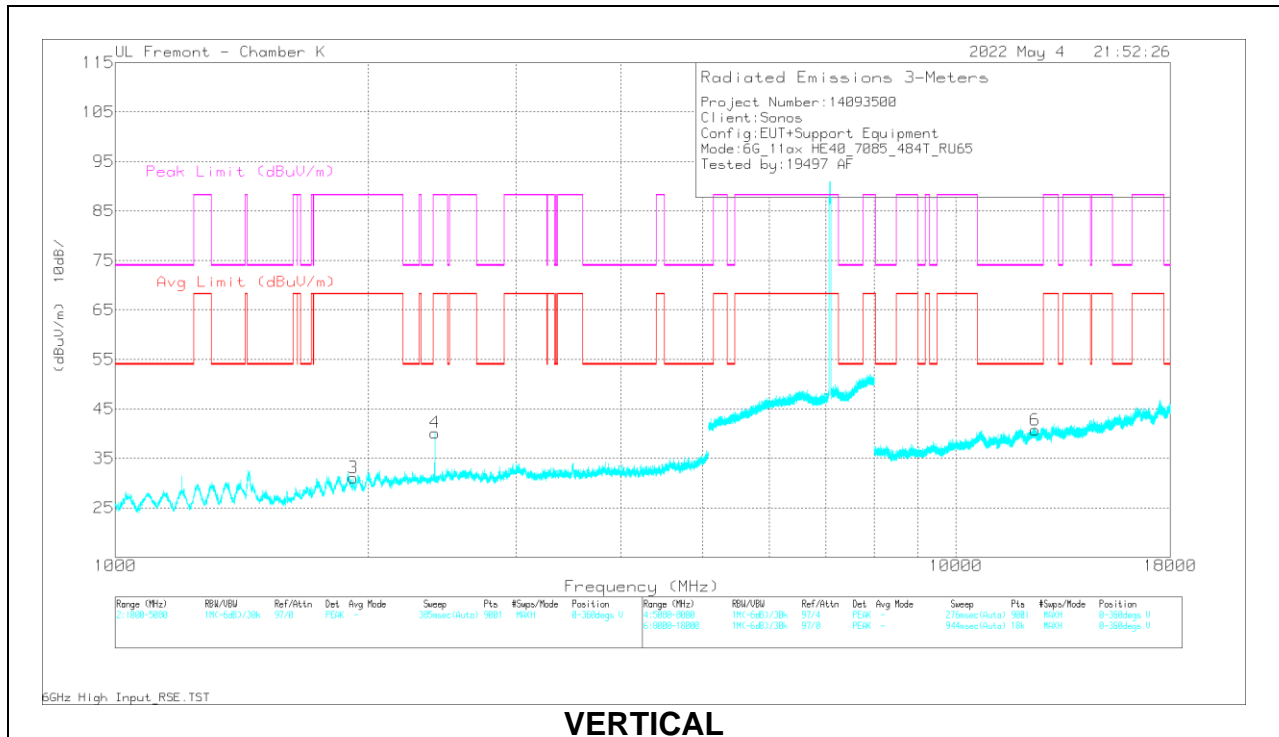
PK-U - U-NII: Maximum Peak

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/Fitr (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	1919.265	62.1	PK-U	31	-44.9	0	48.2	-	-	88.2	-40	213	217	H
	1919.957	46.54	ADR	31	-45	2.96	35.5	68.2	-32.7	-	-	213	217	H
2	2400.264	58.96	PK-U	32	-44.2	0	46.76	-	-	88.2	-41.44	118	199	H
	2400.094	48.5	ADR	32	-44.2	2.96	39.26	68.2	-28.94	-	-	118	199	H
3	1918.942	58.38	PK-U	31	-44.9	0	44.48	-	-	88.2	-43.72	280	145	V
	1919.821	42.33	ADR	31	-45	2.96	31.29	68.2	-36.91	-	-	280	145	V
4	2399.569	60.08	PK-U	32	-44.2	0	47.88	-	-	88.2	-40.32	309	200	V
	2400.177	42.96	ADR	32	-44.2	2.96	33.72	68.2	-34.48	-	-	309	200	V
5	* 12357.334	45.37	PK-U	39	-33.4	0	50.97	-	-	74	-23.03	49	198	H
	* 12358.617	32.93	ADR	39	-33.4	2.96	41.49	54	-12.51	-	-	49	198	H
6	* 12434.013	44.07	PK-U	39.1	-33.4	0	49.77	-	-	74	-24.23	338	259	V
	* 12433.745	32.27	ADR	39.1	-33.4	2.96	40.93	54	-13.07	-	-	338	259	V

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

PK-U - U-NII: Maximum Peak

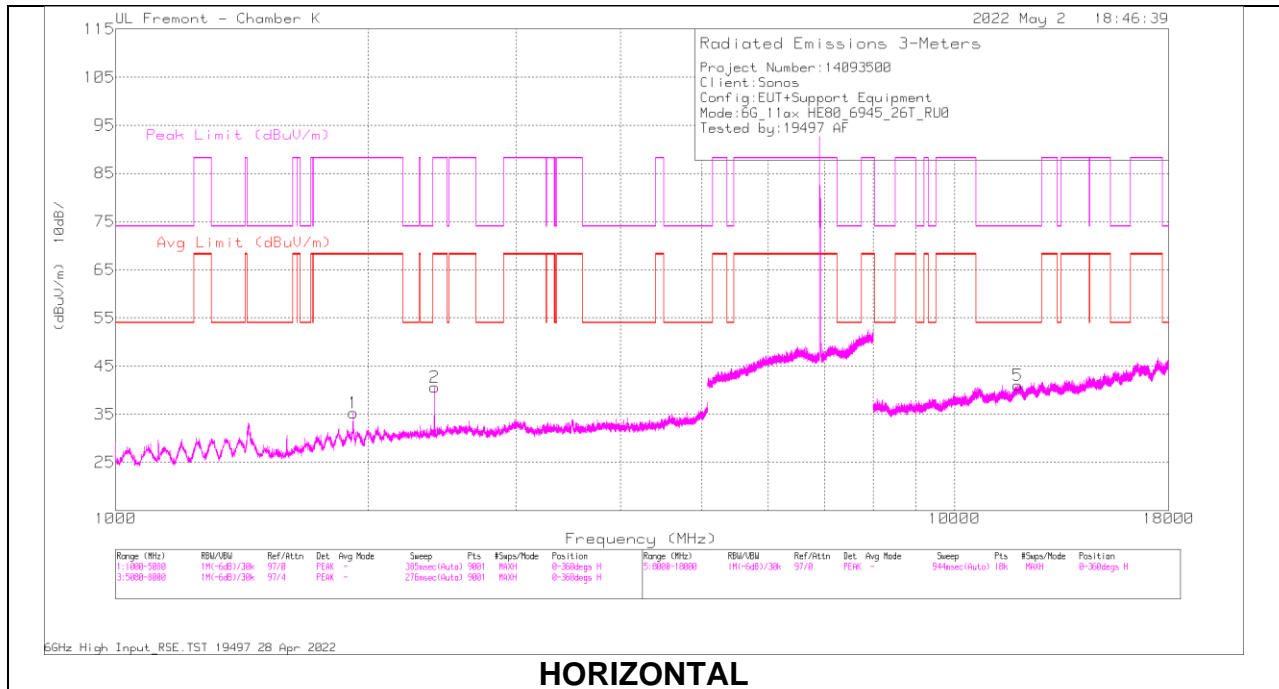
ADR - U-NII AD primary method, RMS average

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

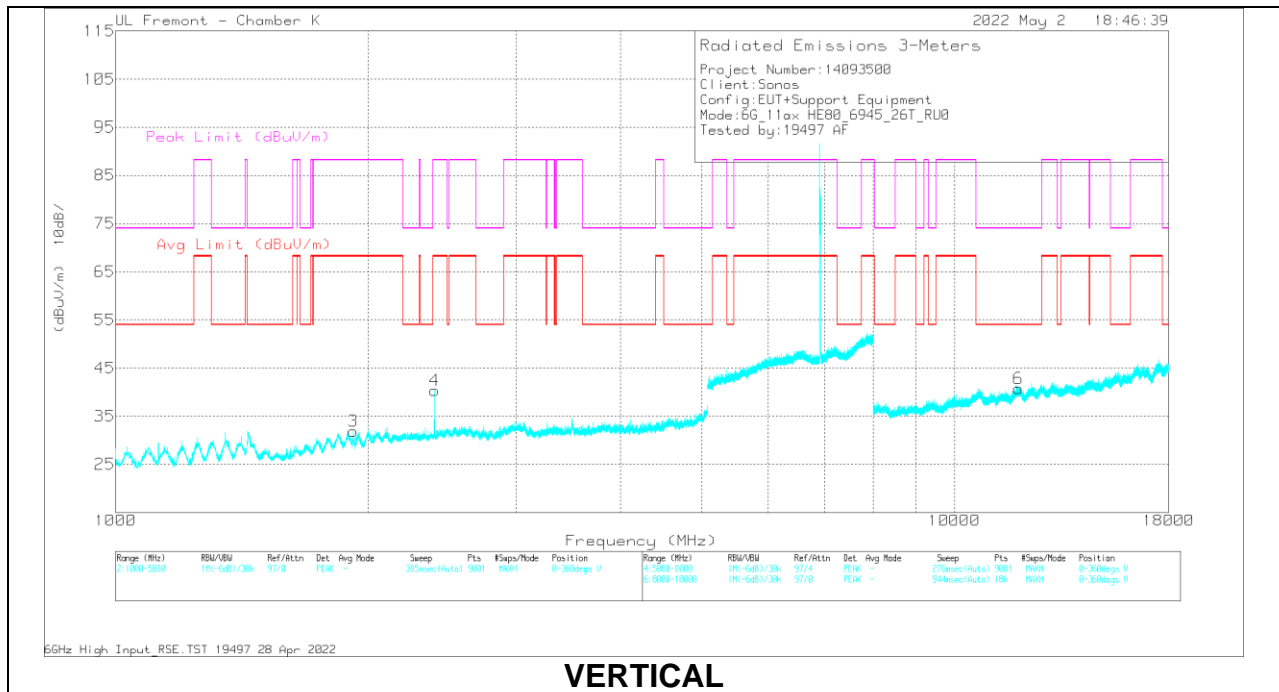
#### 2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 0

#### HARMONICS AND SPURIOUS EMISSIONS

#### LOW CHANNEL



#### HORIZONTAL



#### VERTICAL



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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
2	2400.224	61.38	PK-U	32	-44.2	0	49.18	-	-	88.2	-39.02	47	98	H
	2400.103	50.11	ADR	32	-44.2	2.01	39.92	68.2	-28.28	-	-	47	98	H
1	1920.792	64.93	PK-U	31	-45.1	0	50.83	-	-	88.2	-37.37	171	113	H
	1920.074	45.59	ADR	31	-45	2.01	33.6	68.2	-34.6	-	-	171	113	H
4	2399.928	57.03	PK-U	32	-44.2	0	44.83	-	-	88.2	-43.37	197	164	V
	2400.063	42.98	ADR	32	-44.2	2.01	32.79	68.2	-35.41	-	-	197	164	V
3	1920.56	60.88	PK-U	31	-45.1	0	46.78	-	-	88.2	-41.42	33	307	V
	1920.003	42.61	ADR	31	-45	2.01	30.62	68.2	-37.58	-	-	33	307	V
5	* 11895.221	45.18	PK-U	38.7	-33.7	0	50.18	-	-	74	-23.82	36	233	H
	* 11894.274	33.48	ADR	38.7	-33.7	2.01	40.49	54	-13.51	-	-	36	233	H
6	* 11918.35	44.67	PK-U	38.7	-33.8	0	49.57	-	-	74	-24.43	36	257	V
	* 11918.909	33.29	ADR	38.7	-33.8	2.01	40.2	54	-13.8	-	-	36	257	V

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

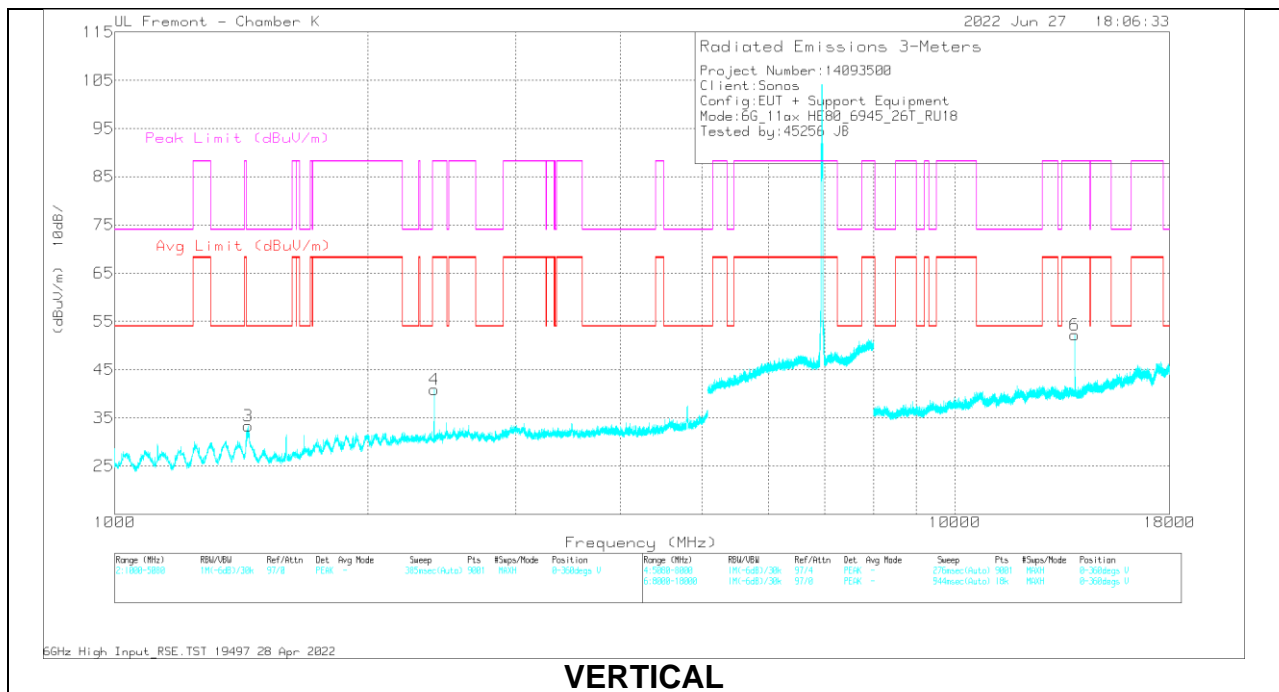
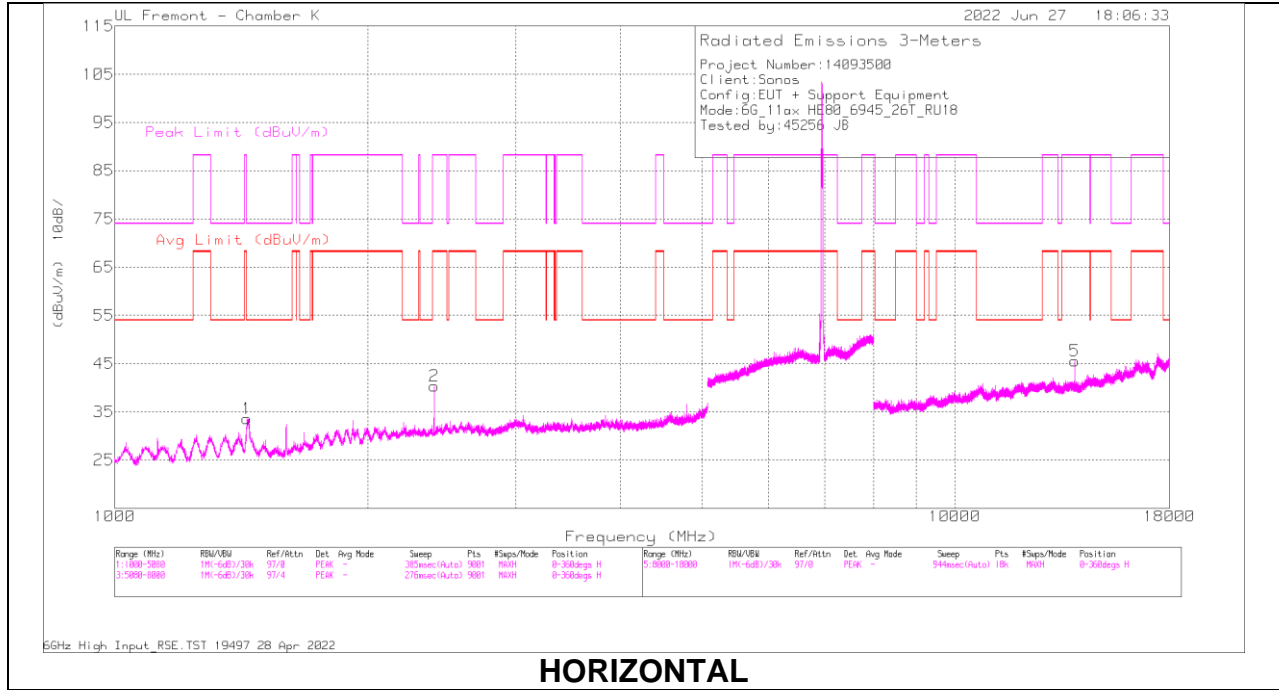
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 18**

**HARMONICS AND SPURIOUS EMISSIONS**

**LOW CHANNEL**



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Fitr (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	* 1439.702	70.4	PK-U	29	-46	0	53.4	-	-	74	-20.6	178	186	H
	* 1439.83	49.5	ADR	29	-46	2.01	34.51	54	-19.49	-	-	178	186	H
2	2400.1	60.77	PK-U	32	-44.6	0	48.17	-	-	88.2	-40.03	26	123	H
	2400.076	52.88	ADR	32	-44.6	2.01	42.29	68.2	-25.91	-	-	26	123	H
3	* 1440.956	68.53	PK-U	29	-45.9	0	51.63	-	-	74	-22.37	211	122	V
	* 1440.948	48.39	ADR	29	-45.9	2.01	33.5	54	-20.5	-	-	211	122	V
4	2399.705	67.59	PK-U	32	-44.6	0	54.99	-	-	88.2	-33.21	212	167	V
	2400.044	52.13	ADR	32	-44.6	2.01	41.54	68.2	-26.66	-	-	212	167	V
5	13889.716	53.15	PK-U	38.6	-34.9	0	56.85	-	-	88.2	-31.35	311	108	H
	13889.804	38.9	ADR	38.6	-34.9	2.01	44.61	68.2	-23.59	-	-	311	108	H
6	13889.852	63.28	PK-U	38.6	-34.9	0	66.98	-	-	88.2	-21.22	18	151	V
	13889.64	47.85	ADR	38.6	-34.9	2.01	53.56	68.2	-14.64	-	-	18	151	V

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

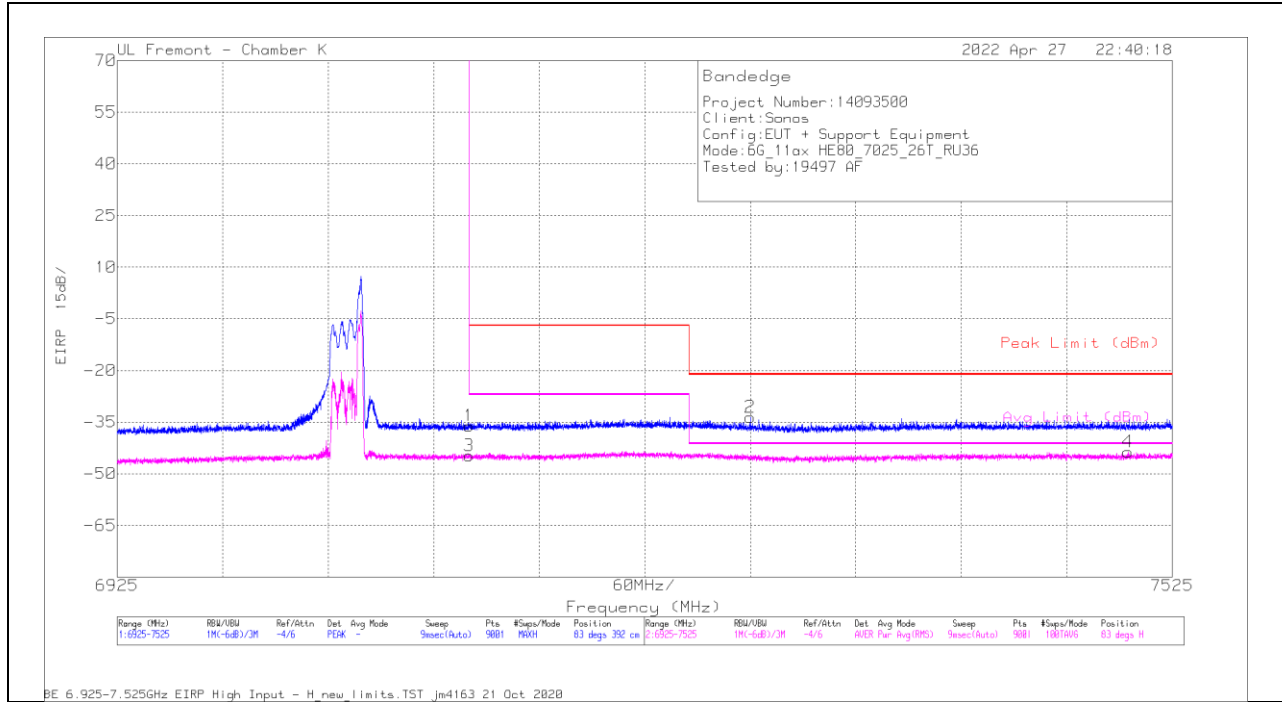
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 26-Tones, RU Index 36**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



**Trace Markers**

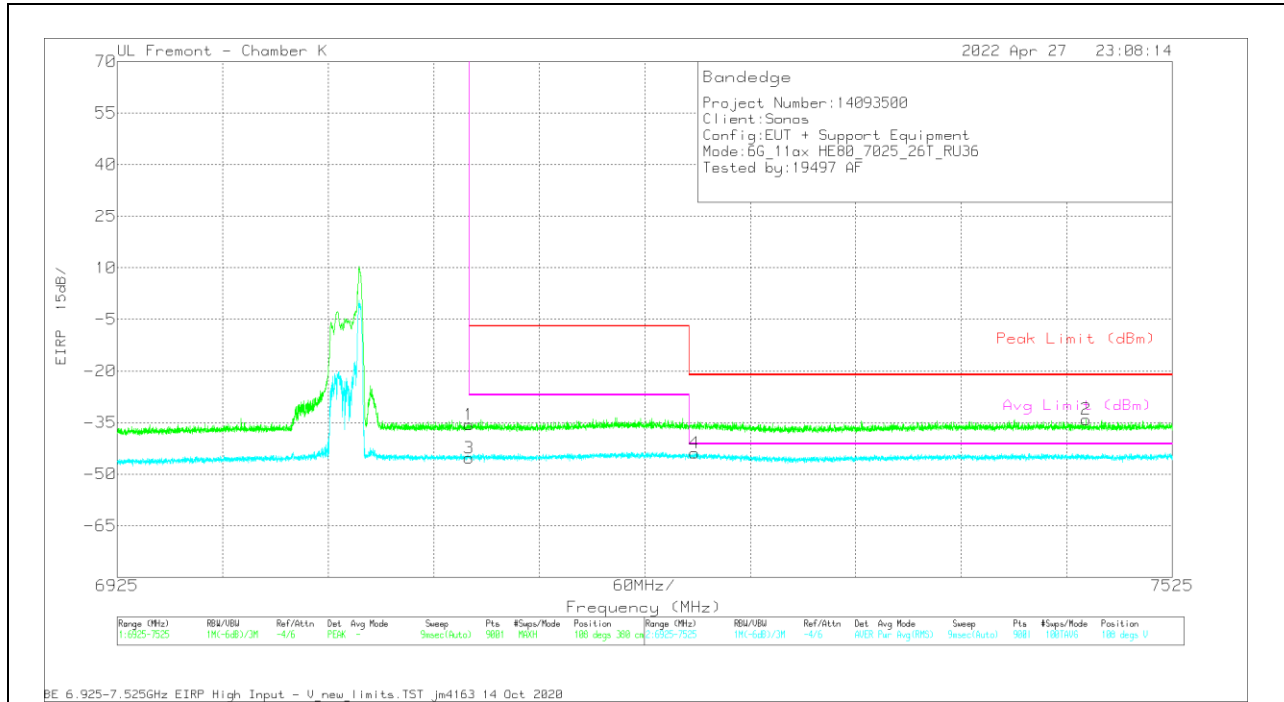
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Avg Limit (dBm)	RMS Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7125	-79.39	Pk	36	-4.5	11.8	0	-36.09	-7	-29.09	-	-	83	392	H
2	* 7285.002	-77.05	Pk	35.8	-4.1	11.8	0	-33.55	-21.2	-12.35	-	-	83	392	H
3	7125	-90.06	RMS	36	-4.5	11.8	2.01	-44.75	-	-	-27	-17.75	83	392	H
4	* 7499.803	-89.46	RMS	35.8	-3.8	11.8	2.01	-43.65	-	-	-41.2	-2.45	83	392	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	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	-78.95	Pk	36	-4.5	11.8	0	-35.65	-7	-28.65	-	-	108	380	V
2	* 7475.936	-77.89	Pk	35.9	-3.9	11.8	0	-34.09	-21.2	-12.89	-	-	108	380	V
3	7125	-90.64	RMS	36	-4.5	11.8	2.01	-45.33	-	-	-27	-18.33	108	380	V
4	* 7253.268	-89.37	RMS	35.8	-4.1	11.8	2.01	-43.86	-	-	-41.2	-2.66	108	380	V

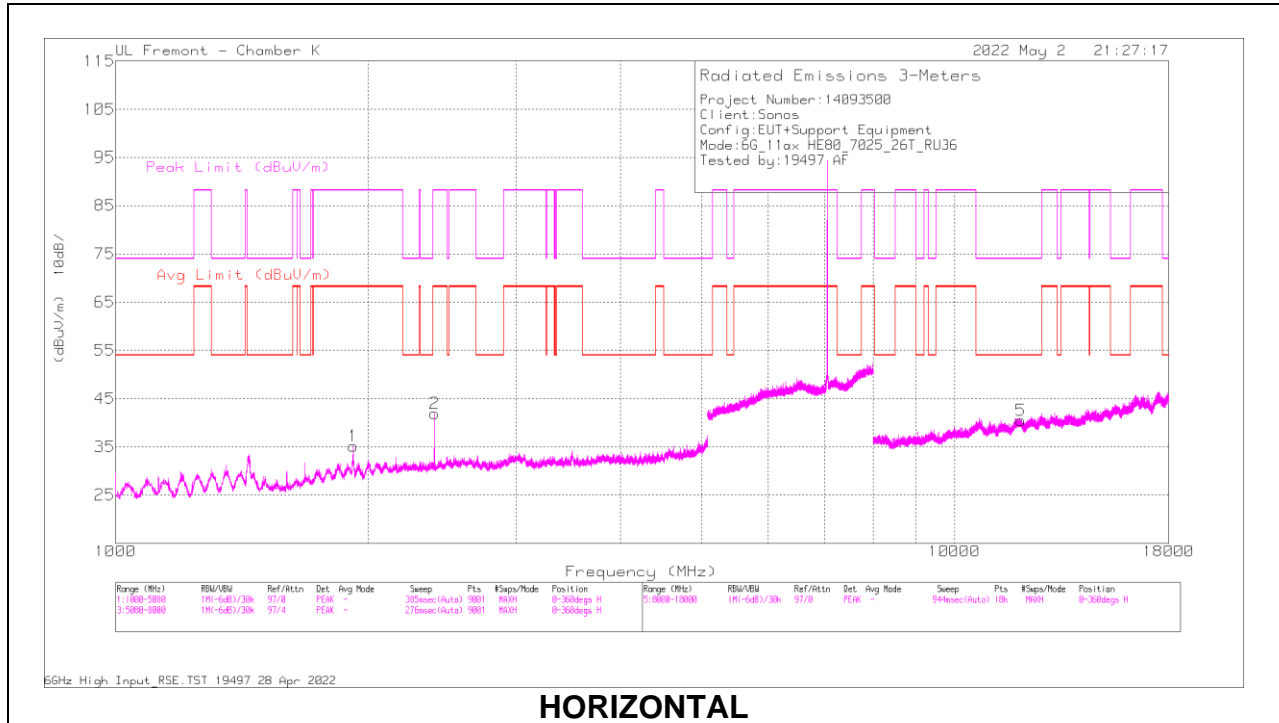
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

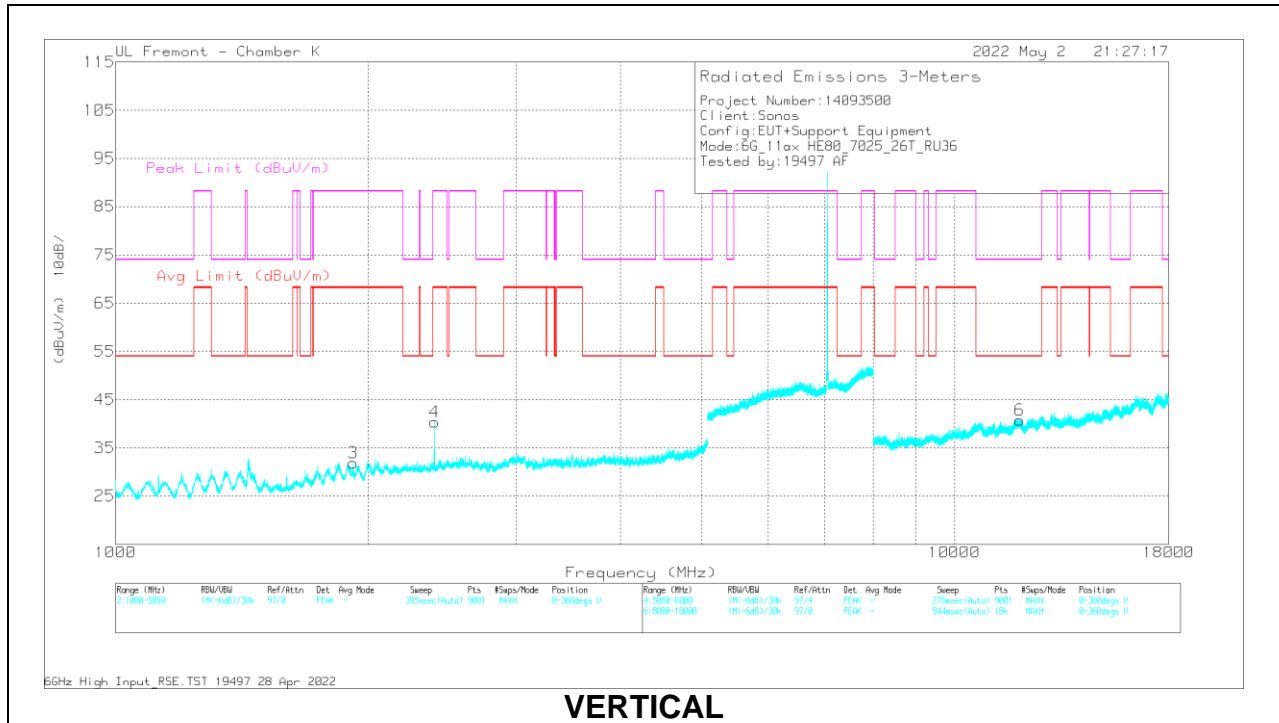
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## HIGH CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (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
2	2399.84	61.19	PK-U	32	-44.2	0	48.99	-	-	88.2	-39.21	51	104	H
	2399.989	50.01	ADR	32	-44.2	2.01	39.82	68.2	-28.38	-	-	51	104	H
1	1920.256	74.8	PK-U	31	-45	0	60.8	-	-	88.2	-27.4	161	115	H
	1920.158	45.61	ADR	31	-45	2.01	33.62	68.2	-34.58	-	-	161	115	H
4	2399.808	57.25	PK-U	32	-44.2	0	45.05	-	-	88.2	-43.15	239	209	V
	2400.097	42.83	ADR	32	-44.2	2.01	32.64	68.2	-35.56	-	-	239	209	V
3	1919.273	61.1	PK-U	31	-44.9	0	47.2	-	-	88.2	-41	309	167	V
	1920.248	42.47	ADR	31	-45	2.01	30.48	68.2	-37.72	-	-	309	167	V
5	* 11995.74	44.24	PK-U	38.8	-33.1	0	49.94	-	-	74	-24.06	0	386	H
	* 11996.195	32.42	ADR	38.8	-33.1	2.01	40.13	54	-13.87	-	-	0	386	H
6	* 11967.739	44.02	PK-U	38.8	-33.4	0	49.42	-	-	74	-24.58	261	179	V
	* 11967.236	32.5	ADR	38.8	-33.4	2.01	39.91	54	-14.09	-	-	261	179	V

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

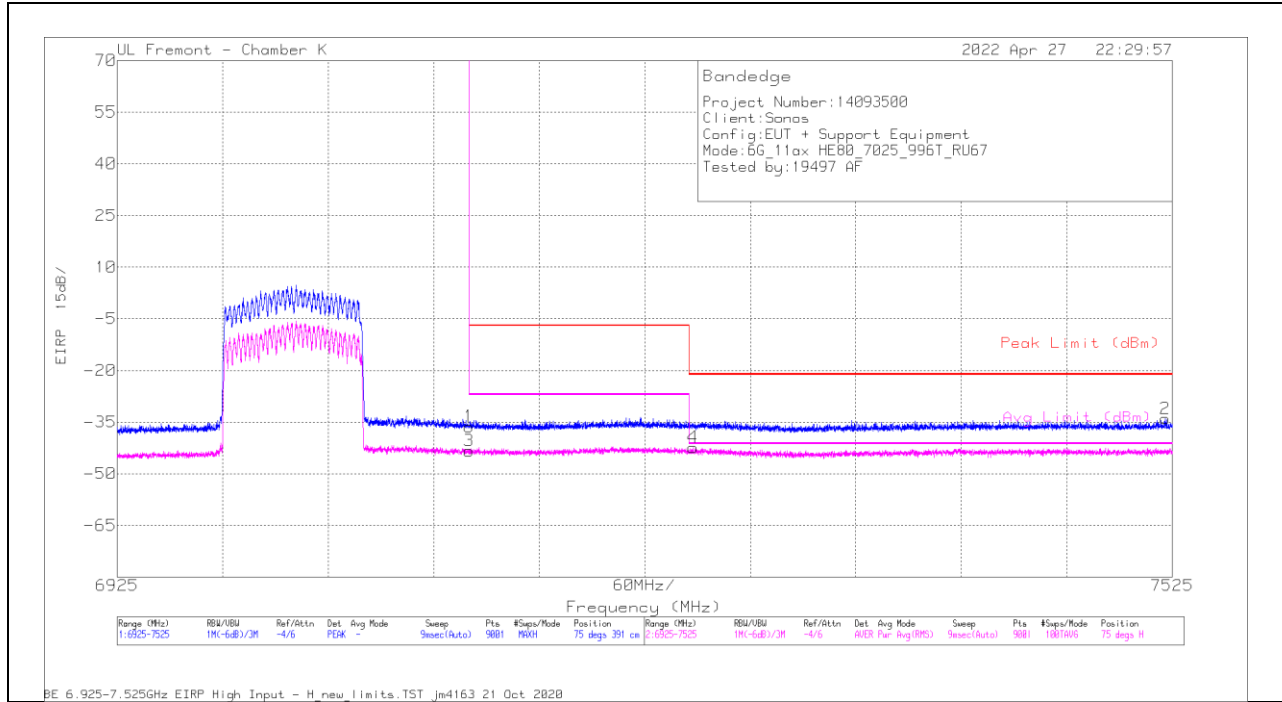
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

**2TX Antenna 1 + Antenna 4 OFDMA MODE: 996-Tones, RU Index 67**

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



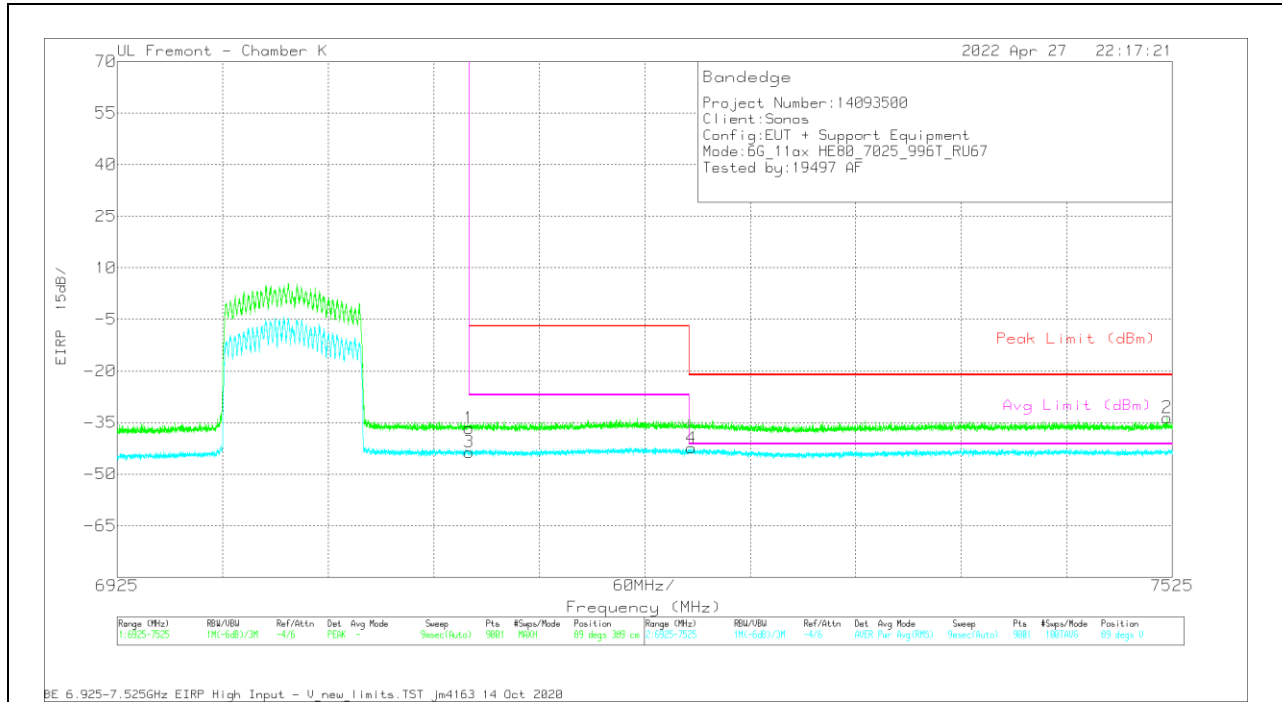
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cb/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	-79.63	Pk	36	-4.5	11.8	0	-36.33	-7	-29.33	-	-	75	391	H
2	* 7521.136	-78.02	Pk	35.8	-3.6	11.8	0	-34.02	-21.2	-12.82	-	-	75	391	H
3	7125	-89.99	RMS	36	-4.5	11.8	3.32	-43.37	-	-	-27	-16.37	75	391	H
4	* 7252.468	-89.06	RMS	35.8	-4.2	11.8	3.32	-42.34	-	-	-41.2	-1.14	75	391	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	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	-79.92	PK	36	-4.5	11.8	0	-36.62	-7	-29.62	-	-	89	389	V
2	* 7522.003	-77.47	PK	35.8	-3.7	11.8	0	-33.57	-21.2	-12.37	-	-	89	389	V
3	7125	-90.2	RMS	36	-4.5	11.8	3.32	-43.58	-	-	-27	-16.58	89	389	V
4	* 7251.535	-89.14	RMS	35.8	-4.2	11.8	3.32	-42.42	-	-	-41.2	-1.22	89	389	V

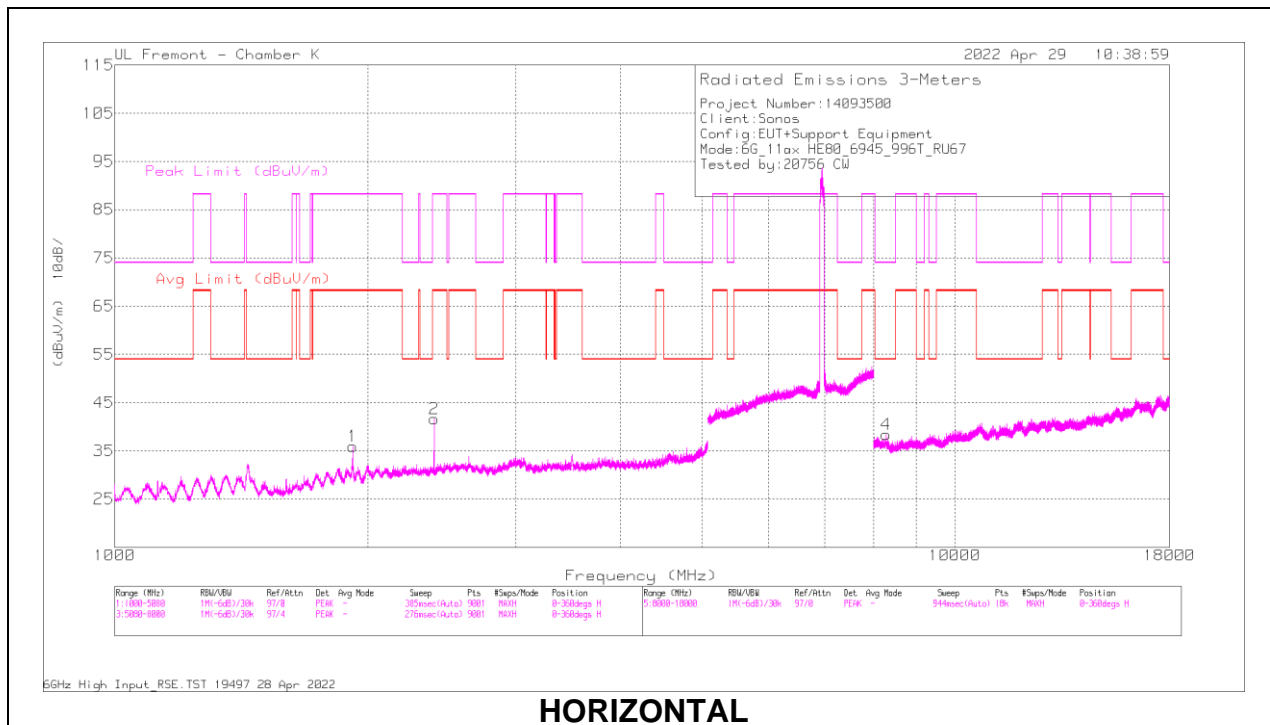
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

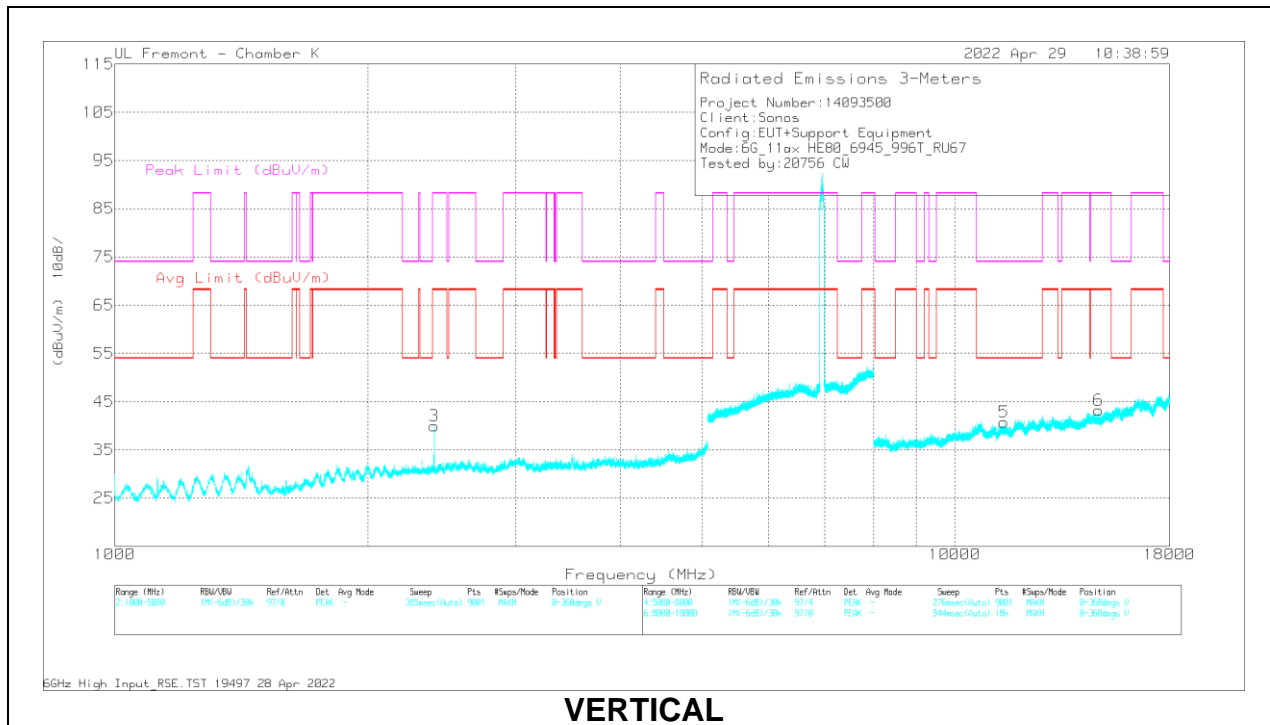
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL



## HORIZONTAL



## VERTICAL

**RADIATED EMISSIONS**

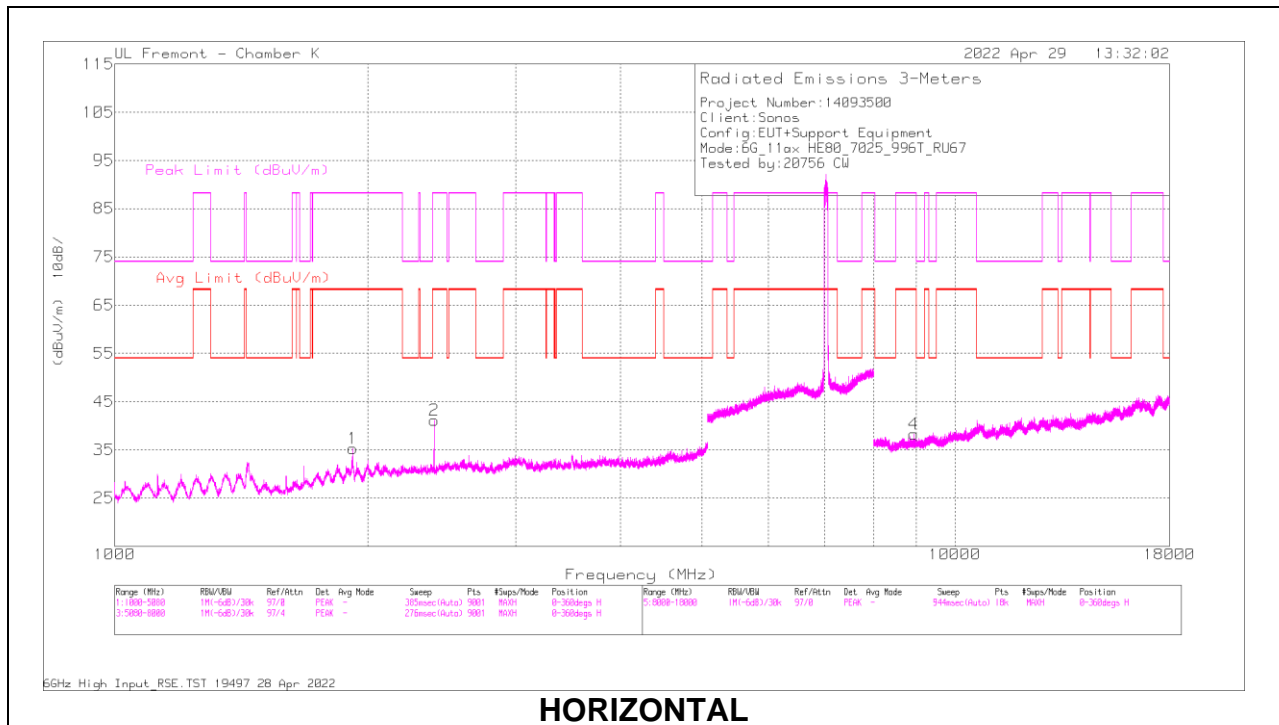
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Fitr (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1920.432	74.82	PK-U	31	-45	0	60.82	-	-	88.2	-27.38	221	201	H
	1920.044	49.31	ADR	31	-45	3.32	38.63	68.2	-29.57	-	-	221	201	H
2	2400.076	61.48	PK-U	32	-44.2	0	49.28	-	-	88.2	-38.92	134	172	H
	2400.003	53.66	ADR	32	-44.2	3.32	44.78	68.2	-23.42	-	-	134	172	H
3	2399.888	58.69	PK-U	32	-44.2	0	46.49	-	-	88.2	-41.71	6	98	V
	2400.028	51.66	ADR	32	-44.2	3.32	42.78	68.2	-25.42	-	-	6	98	V
4	* 8276.14	46.58	PK-U	36	-36	0	46.58	-	-	74	-27.42	264	162	H
	* 8278.342	35.1	ADR	36	-35.9	3.32	38.52	54	-15.48	-	-	264	162	H
5	* 11441.15	45.1	PK-U	38.3	-34.7	0	48.7	-	-	74	-25.3	71	201	V
	* 11442.145	33.72	ADR	38.3	-34.6	3.32	40.74	54	-13.26	-	-	71	201	V
6	14819.455	44.68	PK-U	39.8	-33.5	0	50.98	-	-	88.2	-37.22	14	164	V
	14819.489	33.02	ADR	39.8	-33.5	3.32	42.64	68.2	-25.56	-	-	14	164	V

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

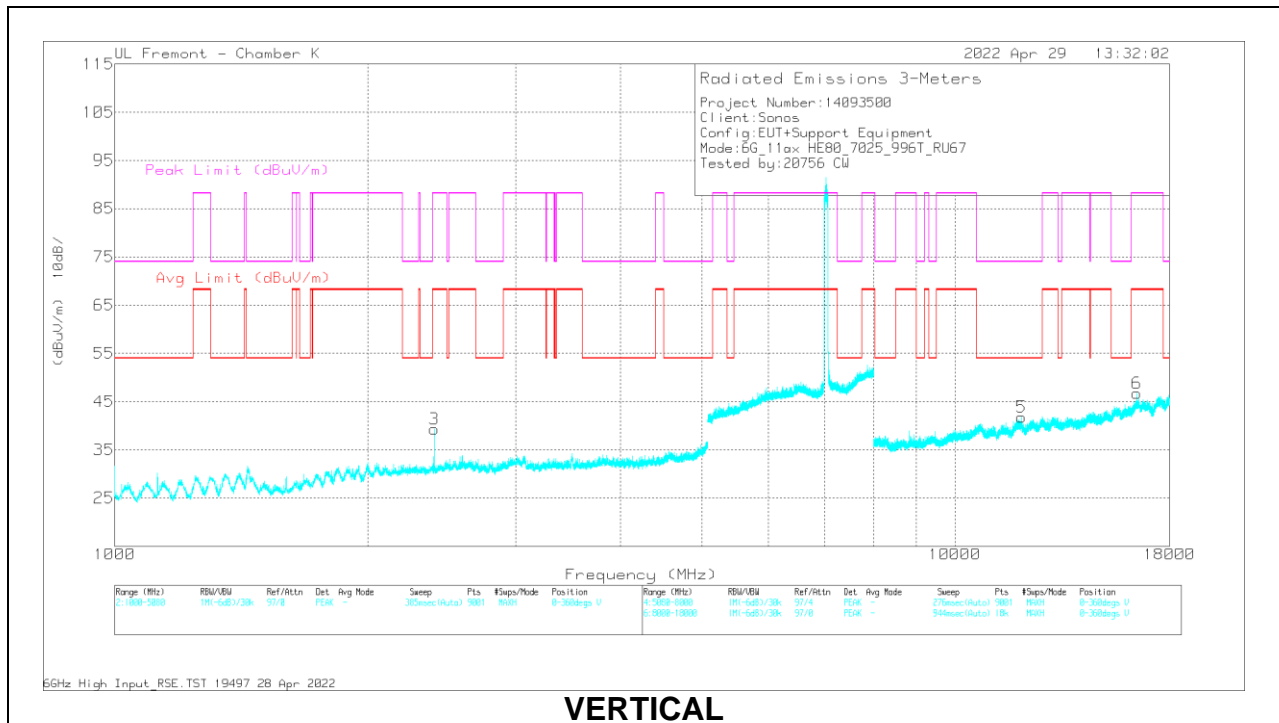
PK-U - U-NII: Maximum Peak

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/Cb/Fitr (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	1920.044	78.86	PK-U	31	-45	0	64.86	-	-	88.2	-23.34	221	203	H
	1919.98	49.43	ADR	31	-45	3.32	38.75	68.2	-29.45	-	-	221	203	H
2	2399.992	61.31	PK-U	32	-44.2	0	49.11	-	-	88.2	-39.09	133	197	H
	2400.017	53.61	ADR	32	-44.2	3.32	44.73	68.2	-23.47	-	-	133	197	H
3	2400.26	58.51	PK-U	32	-44.2	0	46.31	-	-	88.2	-41.89	7	118	V
	2400.076	50.34	ADR	32	-44.2	3.32	41.46	68.2	-26.74	-	-	7	118	V
4	8931.891	45.92	PK-U	36.3	-35.9	0	46.32	-	-	88.2	-41.88	121	218	H
	8931.16	34.33	ADR	36.3	-35.9	3.32	38.05	68.2	-30.15	-	-	121	218	H
5	* 12004.636	43.93	PK-U	38.8	-32.9	0	49.83	-	-	74	-24.17	33	161	V
	* 12008.137	32.5	ADR	38.8	-32.9	3.32	41.72	54	-12.28	-	-	33	161	V
6	16449.38	45.14	PK-U	41.6	-32	0	54.74	-	-	88.2	-33.46	118	234	V
	16449.417	33.23	ADR	41.6	-32	3.32	46.15	68.2	-22.05	-	-	118	234	V

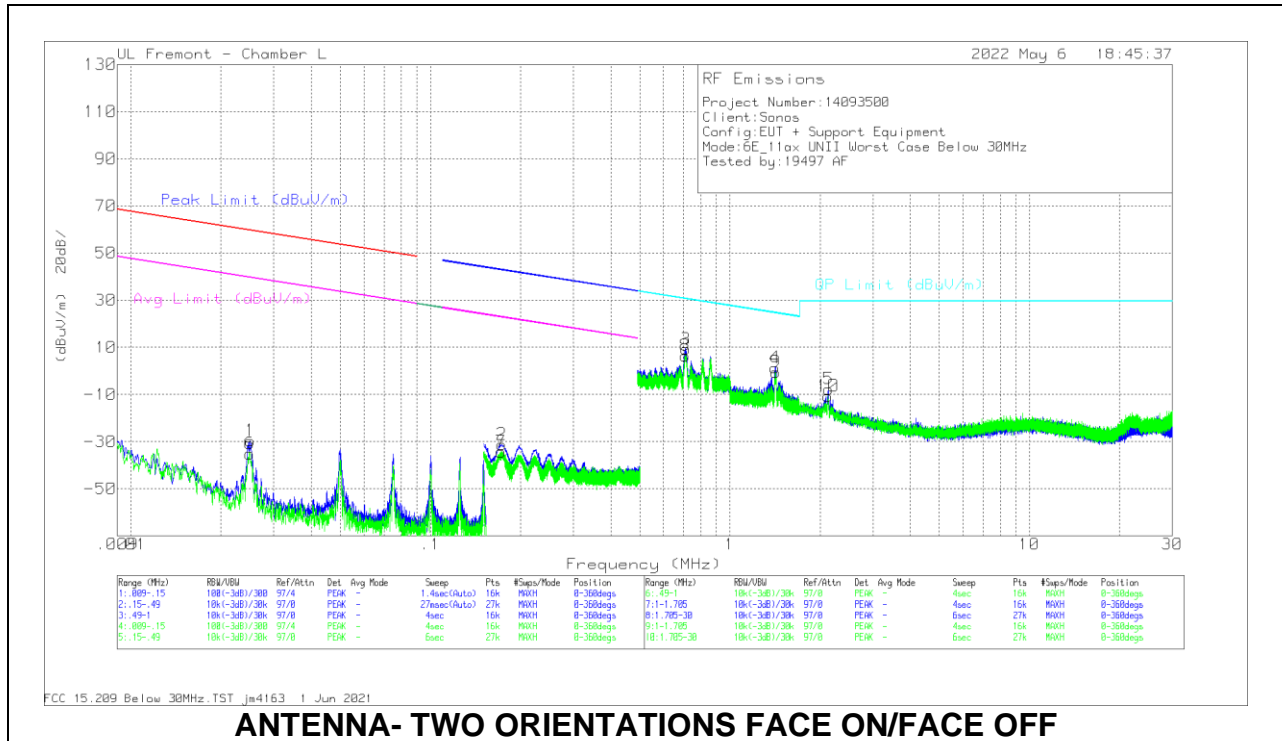
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)



### ANTENNA- TWO ORIENTATIONS FACE ON/FACE OFF

### Below 30MHz Data

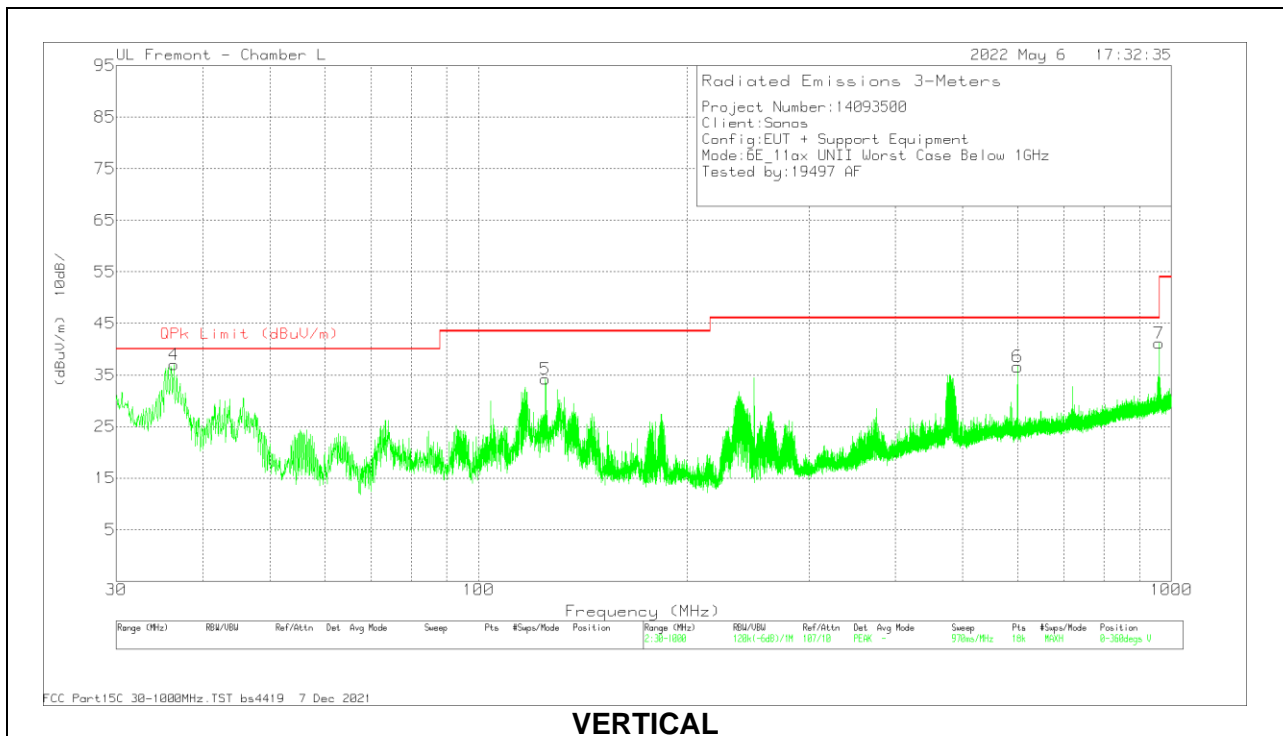
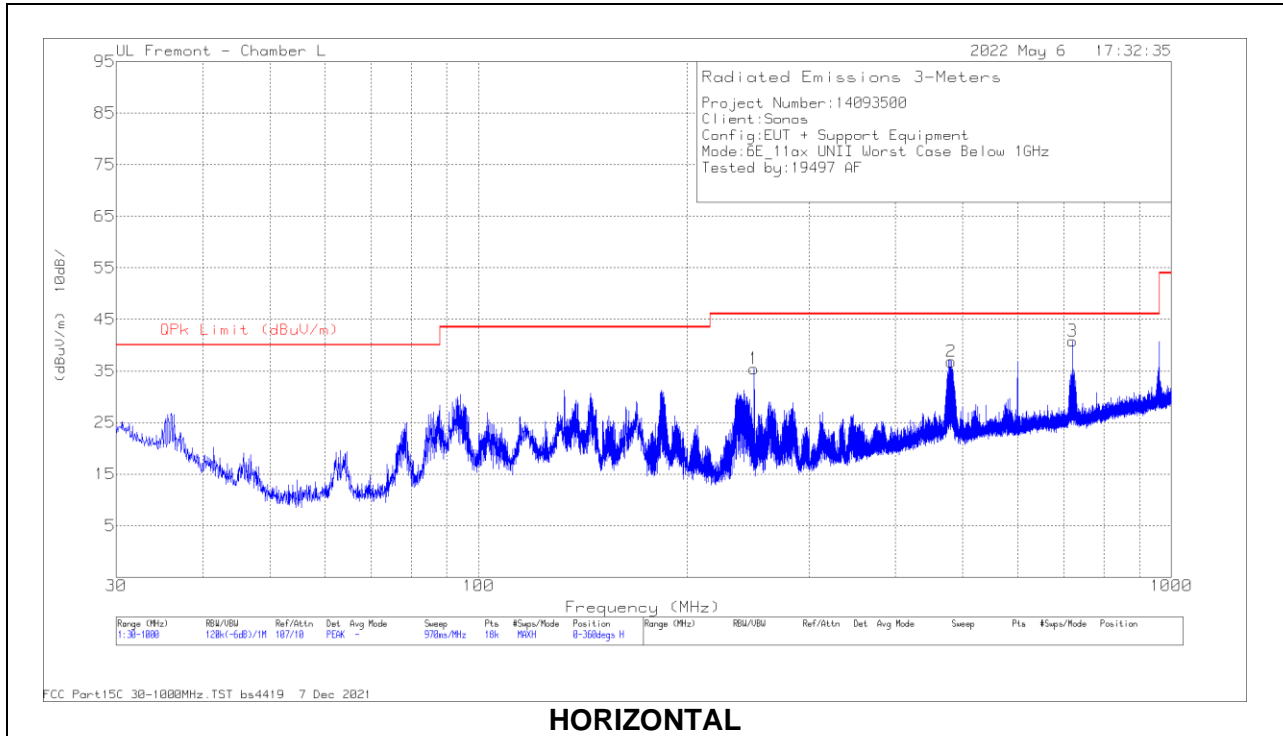
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (E ACF)	Amp/Cbl (dB)	Dist Corr 300m	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.025	23.39	Pk	58.4	-31.4	-80	-29.61	59.61	-89.22	39.61	-69.22	-	-	-	-	0-360
2	.1729	24.75	Pk	56	-32	-80	-31.25	-	-	-	-	42.86	-74.11	22.86	-54.11	0-360
6	.0249	17.77	Pk	58.5	-31.4	-80	-35.13	59.66	-94.79	39.66	-74.79	-	-	-	-	0-360
7	.1721	21.69	Pk	56	-32	-80	-34.31	-	-	-	-	42.91	-77.22	22.91	-57.22	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (E ACF)	Amp/Cbl (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
3	.7122	24.94	Pk	56.2	-31.9	-40	9.24	30.56	-21.32	0-360
8	.7094	22.18	Pk	56.2	-31.9	-40	6.48	30.6	-24.12	0-360
4	1.4155	28.74	Pk	44.5	-31.9	-40	1.34	24.61	-23.27	0-360
5	2.1326	23.03	Pk	41.1	-31.8	-40	-7.67	29.5	-37.17	0-360
9	1.4213	26.95	Pk	44.5	-31.9	-40	-4.5	24.58	-25.03	0-360
10	2.1263	20	Pk	41.1	-31.8	-40	-10.7	29.5	-40.2	0-360

Pk - Peak detector

### 10.3. WORST CASE BELOW 1 GHz



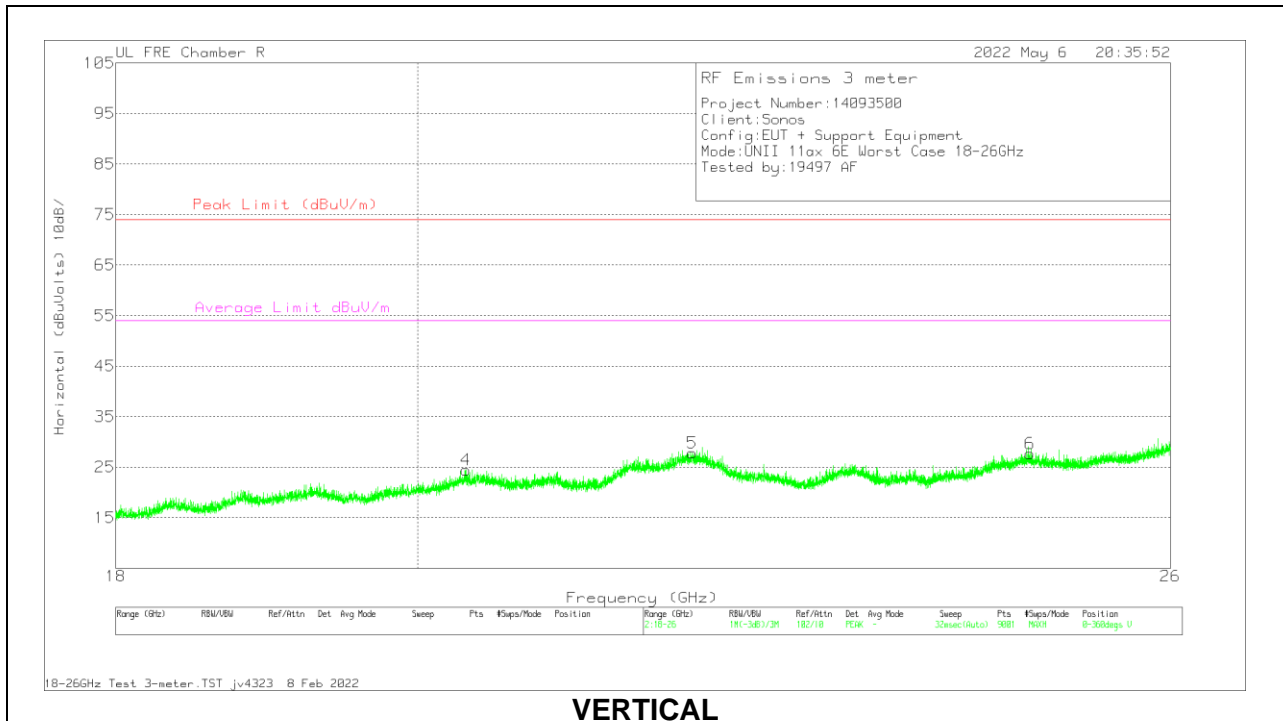
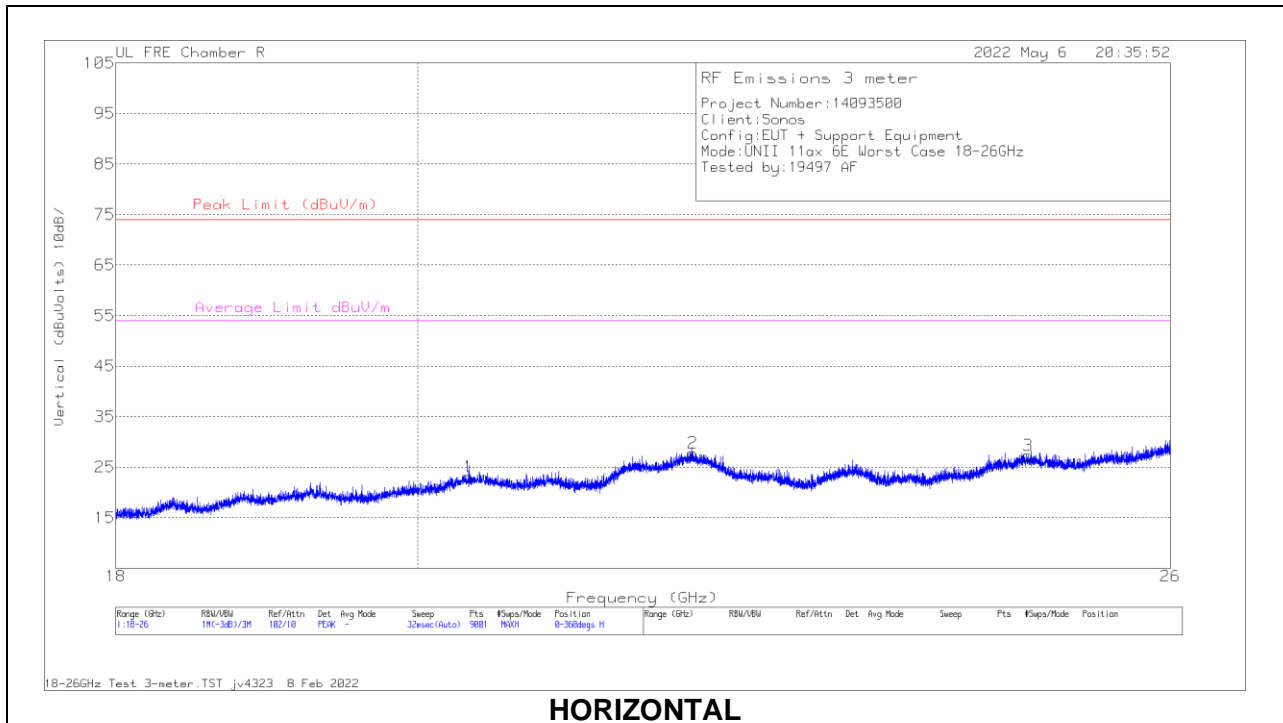
**Below 1 GHz DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	171862 ACF (dB)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	249.975	47.93	Pk	17.3	-29.8	35.43	46.02	-10.59	0-360	99	H
2	481.051	42.24	Pk	23.5	-28.9	36.84	46.02	-9.18	0-360	99	H
3	720.014	43.55	Pk	26.2	-28.4	41.35	46.02	-4.67	142	192	H
	720.013	42.29	Qp	26.2	-28.4	40.09	46.02	-5.93	142	192	H
4	36.0005	48.47	Pk	22.5	-31.3	39.67	40	-.33	152	122	V
	36.0005	44.53	Qp	22.5	-31.3	35.73	40	-4.27	152	122	V
5	124.952	45	Pk	19.7	-30.5	34.2	43.52	-9.32	0-360	99	V
6	600.038	40.69	Pk	24.2	-28.3	36.59	46.02	-9.43	0-360	99	V
7	960.016	39.22	Pk	28.8	-26.9	41.12	53.97	-12.85	0-360	99	V

Pk - Peak detector  
 Qp - Quasi-Peak detector



### 10.4. WORST CASE 18-26 GHz

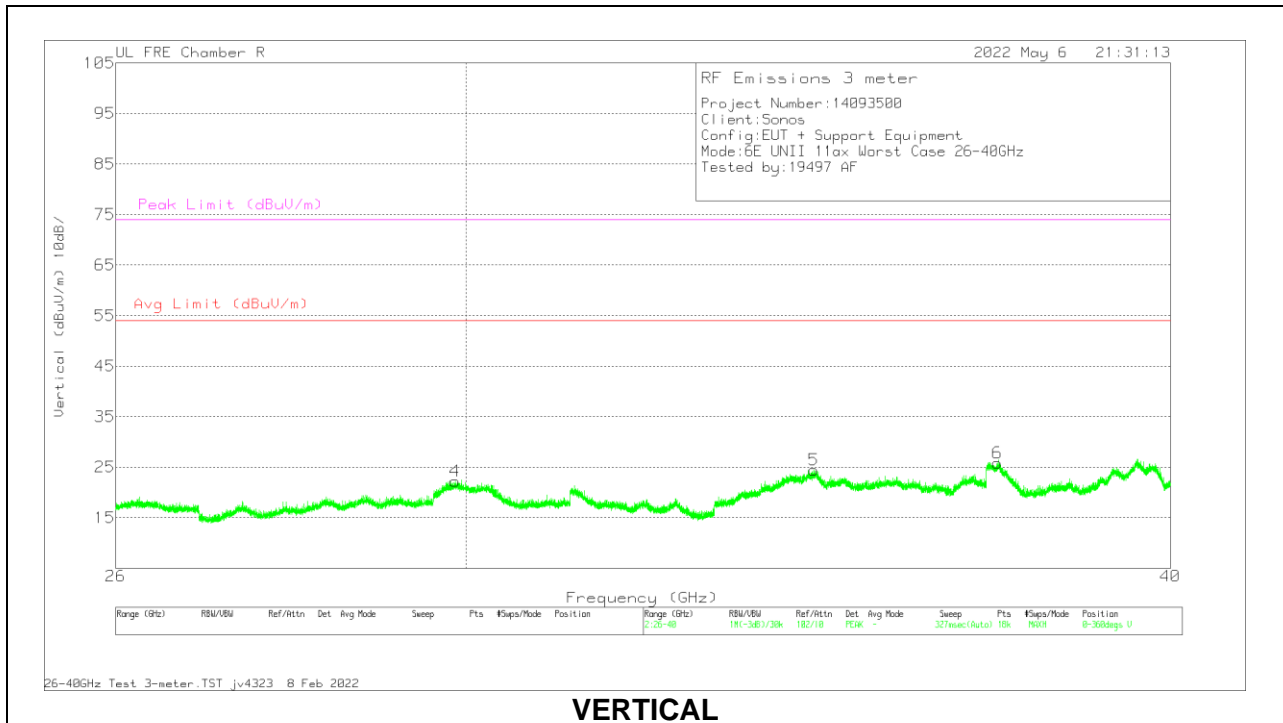
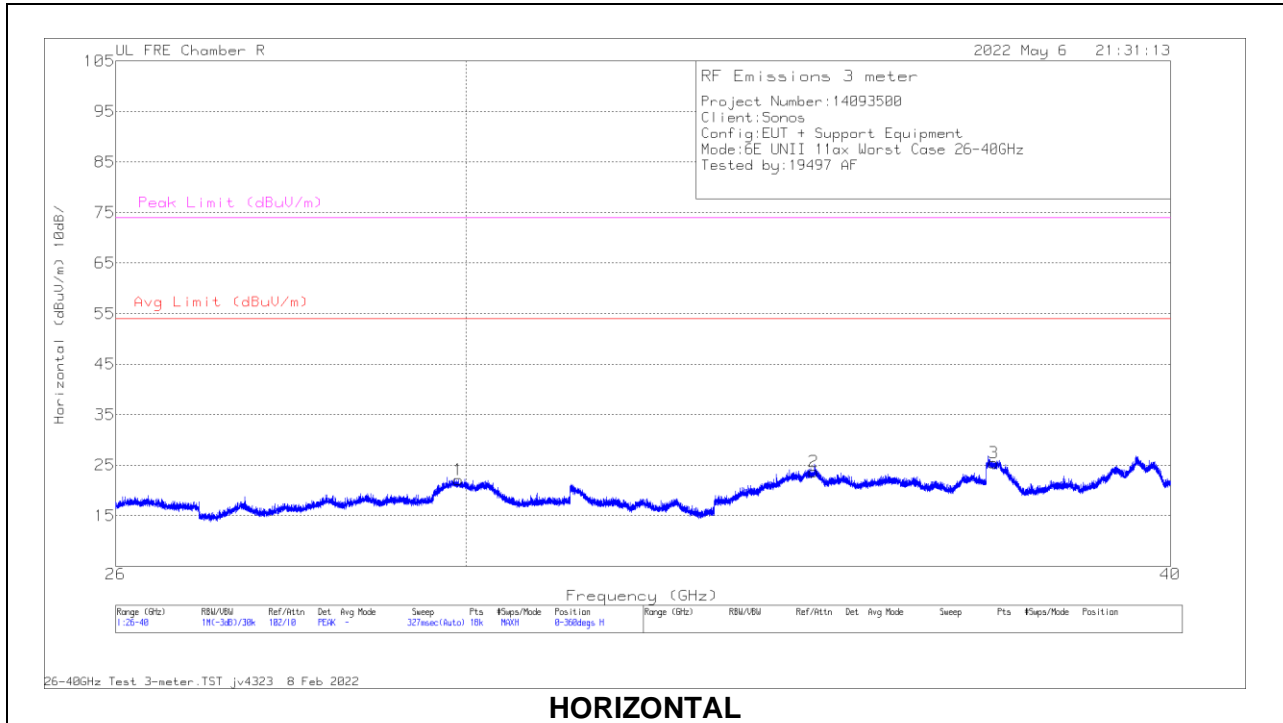


**18-26 GHz DATA**

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)	Average Limit dBuV/m	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 20.353778	38.9	Pk	33.1	-63.7	14.8	23.1	74	-50.9	54	-30.9	0-360	99	H
2	* 22.012445	44.06	Pk	33.5	-65.1	15.4	27.86	74	-46.14	54	-26.14	0-360	99	H
4	* 20.336	40.21	Pk	33.1	-63.6	14.8	24.51	74	-49.49	54	-29.49	0-360	99	V
5	22.005334	44.06	Pk	33.5	-65.1	15.4	27.86	74	-46.14	54	-26.14	0-360	99	V
3	24.739556	40.64	Pk	34.6	-64.2	16.3	27.34	74	-46.66	54	-26.66	0-360	99	H
6	24.757334	40.97	Pk	34.6	-64.2	16.3	27.67	74	-46.33	54	-26.33	0-360	99	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 (GHz)	Meter Reading (dBuV)	Det	172366 AF (dB/m)	172346 Amp (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
4	29.864779	33.19	Avg	36.5	-65.6	18.1	22.19	54	-31.81	-	-	0-360	200	V
1	29.907557	32.95	Avg	36.6	-65.6	18.1	22.05	54	-31.95	-	-	0-360	100	H
2	34.574225	38.63	Avg	37.4	-71.9	19.6	23.73	54	-30.27	-	-	0-360	100	H
5	34.579669	39.32	Avg	37.4	-71.9	19.6	24.42	54	-29.58	-	-	0-360	200	V
3	37.213225	37.7	Avg	38	-70.7	20.5	25.5	54	-28.5	-	-	0-360	100	H
6	37.270003	37.72	Avg	38.1	-70.6	20.6	25.82	54	-28.18	-	-	0-360	200	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 (dB $\mu$ 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.

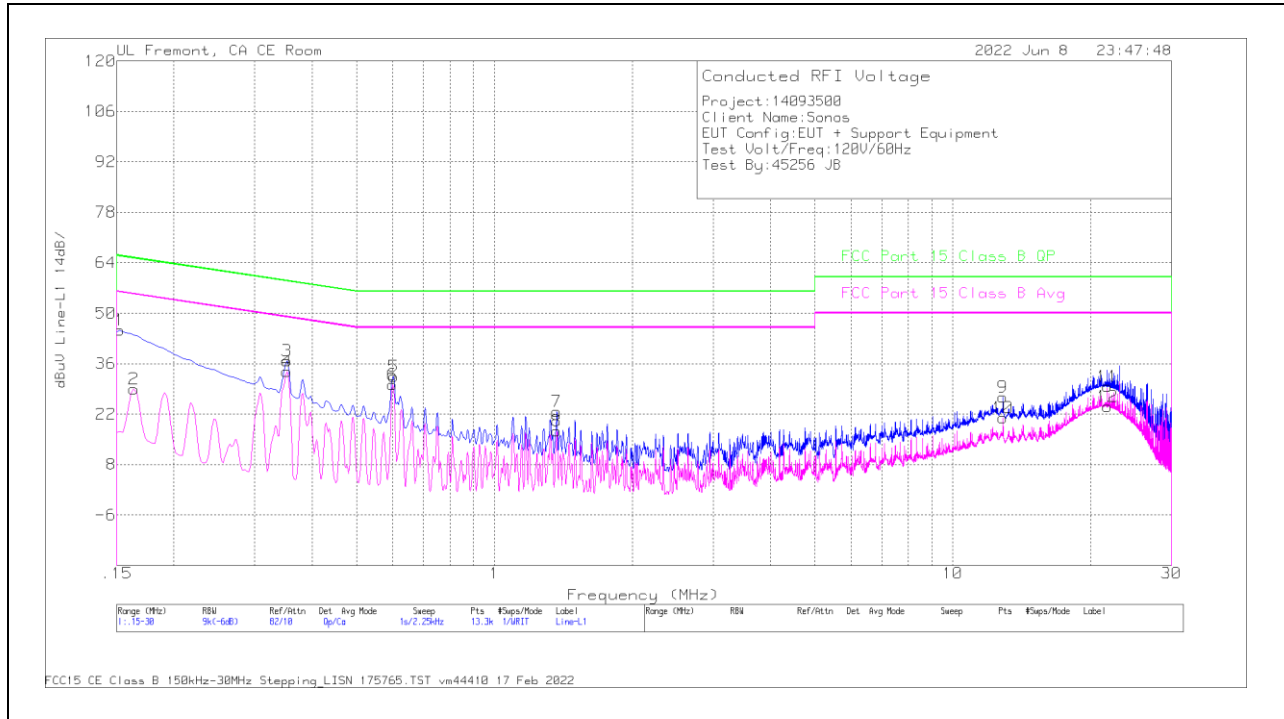
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

**AC POWER LINE NORM**

**LINE 1 RESULTS**

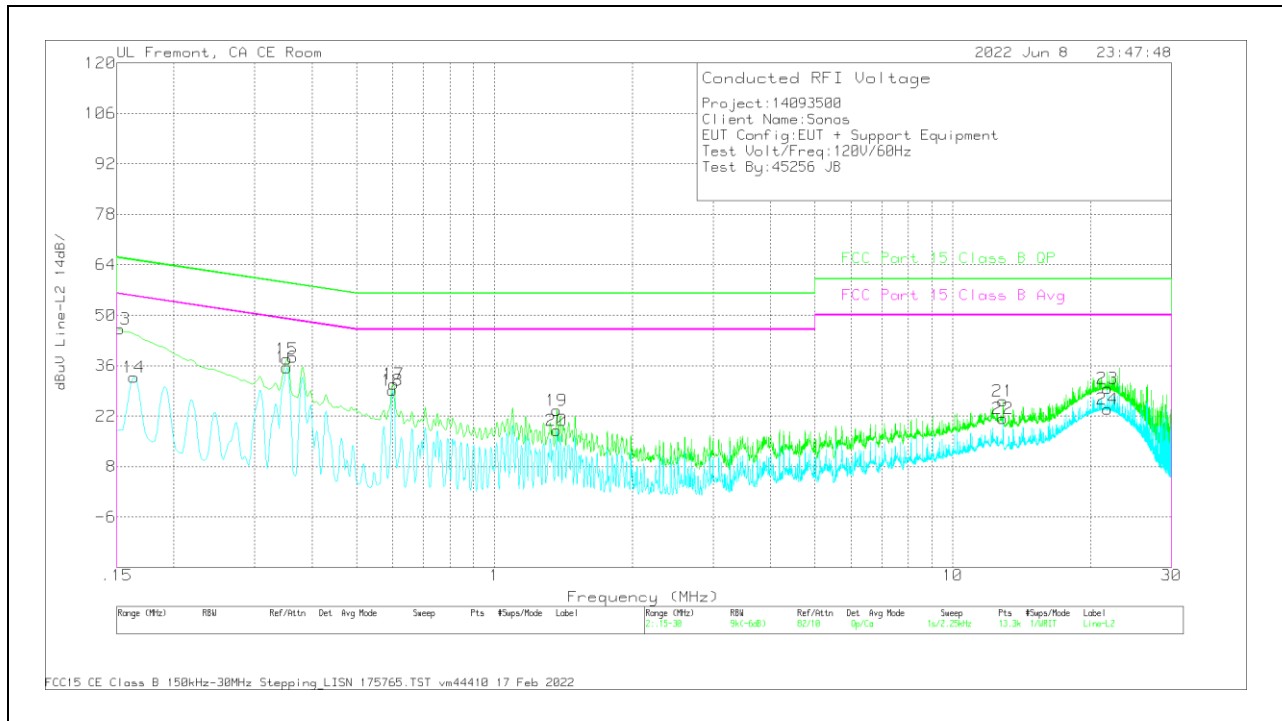


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1	C1&C3 cable	207996 Limiter 9k-600M_6-2-22	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
2	.1635	18.19	Ca	.1	0	10.7	28.99	-	-	55.28	-26.29
4	.3525	24.35	Ca	0	0	9.5	33.85	-	-	48.9	-15.05
6	.6	20.55	Ca	0	.1	9.5	30.15	-	-	46	-15.85
8	1.3673	7.67	Ca	0	.1	9.5	17.27	-	-	46	-28.73
10	12.876	11.24	Ca	.1	.2	9.5	21.04	-	-	50	-28.96
12	21.741	14.11	Ca	.2	.3	9.5	24.11	-	-	50	-25.89
1	.1523	34.21	Qp	.1	0	11	45.31	65.88	-20.57	-	-
3	.3525	27.3	Qp	0	0	9.5	36.8	58.9	-22.1	-	-
5	.6023	22.82	Qp	0	.1	9.5	32.42	56	-23.58	-	-
7	1.3673	13.13	Qp	0	.1	9.5	22.73	56	-33.27	-	-
9	12.8749	16.91	Qp	.1	.2	9.5	26.71	60	-33.29	-	-
11	21.7545	19.73	Qp	.2	.3	9.5	29.73	60	-30.27	-	-

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	207996 Limiter 9k-600M_6-2-22	Corrected Reading dBuV	FCC Part 15 Class B QP	QP Margin (dB)	FCC Part 15 Class B Avg	Av(CISPR)M argin (dB)
14	.1635	22.04	Ca	.1	0	10.7	32.84	-	-	55.28	-22.44
16	.3525	25.99	Ca	0	0	9.5	35.49	-	-	48.9	-13.41
18	.6	19.57	Ca	0	.1	9.5	29.17	-	-	46	-16.83
20	1.3673	8.48	Ca	0	.1	9.5	18.08	-	-	46	-27.92
22	12.876	11.55	Ca	.1	.2	9.5	21.35	-	-	50	-28.65
24	21.7545	14.02	Ca	.1	.3	9.5	23.92	-	-	50	-26.08
13	.1523	35.02	Qp	.1	0	11	46.12	65.88	-19.76	-	-
15	.3525	28.32	Qp	0	0	9.5	37.82	58.9	-21.08	-	-
17	.6023	21.24	Qp	0	.1	9.5	30.84	56	-25.16	-	-
19	1.3673	14.04	Qp	0	.1	9.5	23.64	56	-32.36	-	-
21	12.876	16.36	Qp	.1	.2	9.5	26.16	60	-33.84	-	-
23	21.7545	19.81	Qp	.1	.3	9.5	29.71	60	-30.29	-	-

Qp - Quasi-Peak detector  
 Ca - CISPR average detection