

### RADIATED EMISSIONS

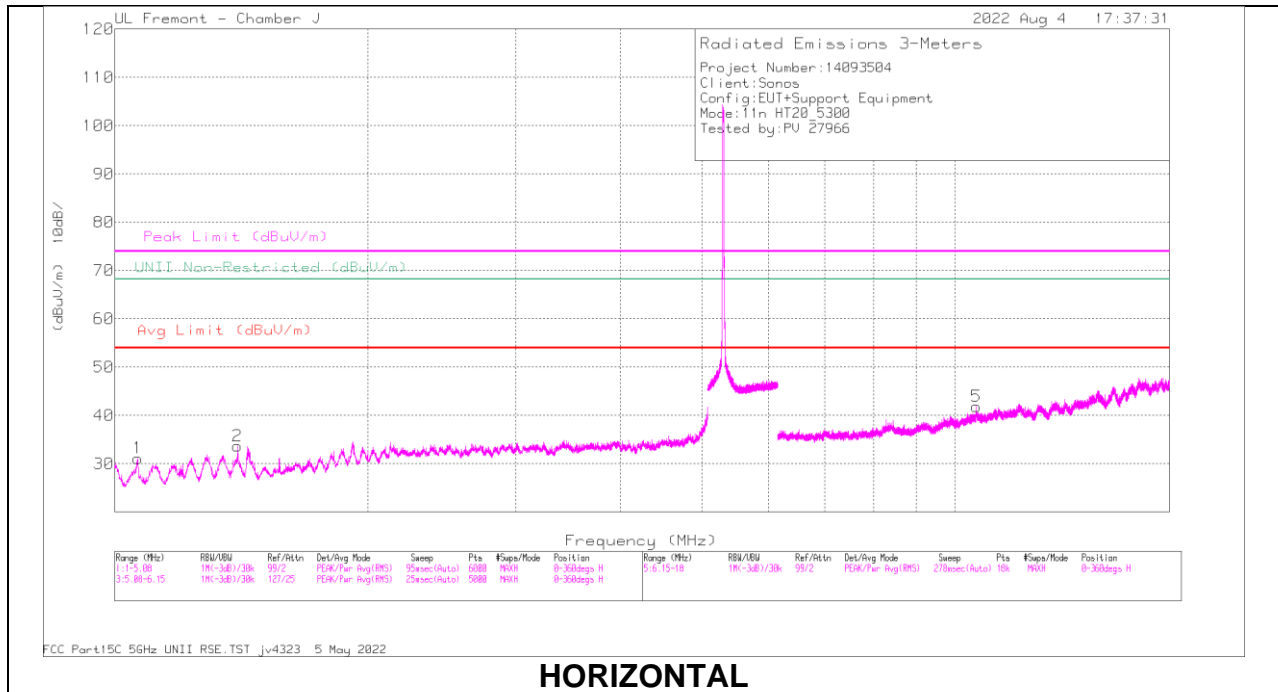
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1063.01	68.78	PK-U	26.8	-49.2	0	46.38	-	-	74	-27.62	-	-	82	213	H
	* 1063.082	52.55	ADR	26.8	-49.2	1.11	31.26	54	-22.74	-	-	-	-	82	213	H
2	* 1399.878	66.36	PK-U	28.7	-48.7	0	46.36	-	-	74	-27.64	-	-	351	362	H
	* 1400.649	50.04	ADR	28.8	-48.7	1.11	31.25	54	-22.75	-	-	-	-	351	362	H
3	* 1060.448	60.69	PK-U	26.8	-49.2	0	38.29	-	-	74	-35.71	-	-	191	356	V
	* 1062.21	48.48	ADR	26.8	-49.3	1.11	27.09	54	-26.91	-	-	-	-	191	356	V
4	* 1401.336	67.54	PK-U	28.8	-48.7	0	47.64	-	-	74	-26.36	-	-	108	193	V
	* 1401.18	50.05	ADR	28.8	-48.7	1.11	31.26	54	-22.74	-	-	-	-	108	193	V
5	10518.804	61.43	PK-U	37.7	-45.2	0	53.93	-	-	-	-	68.2	-14.27	340	115	H
6	10520.916	61.7	PK-U	37.7	-45.2	0	54.2	-	-	-	-	68.2	-14	285	315	V

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

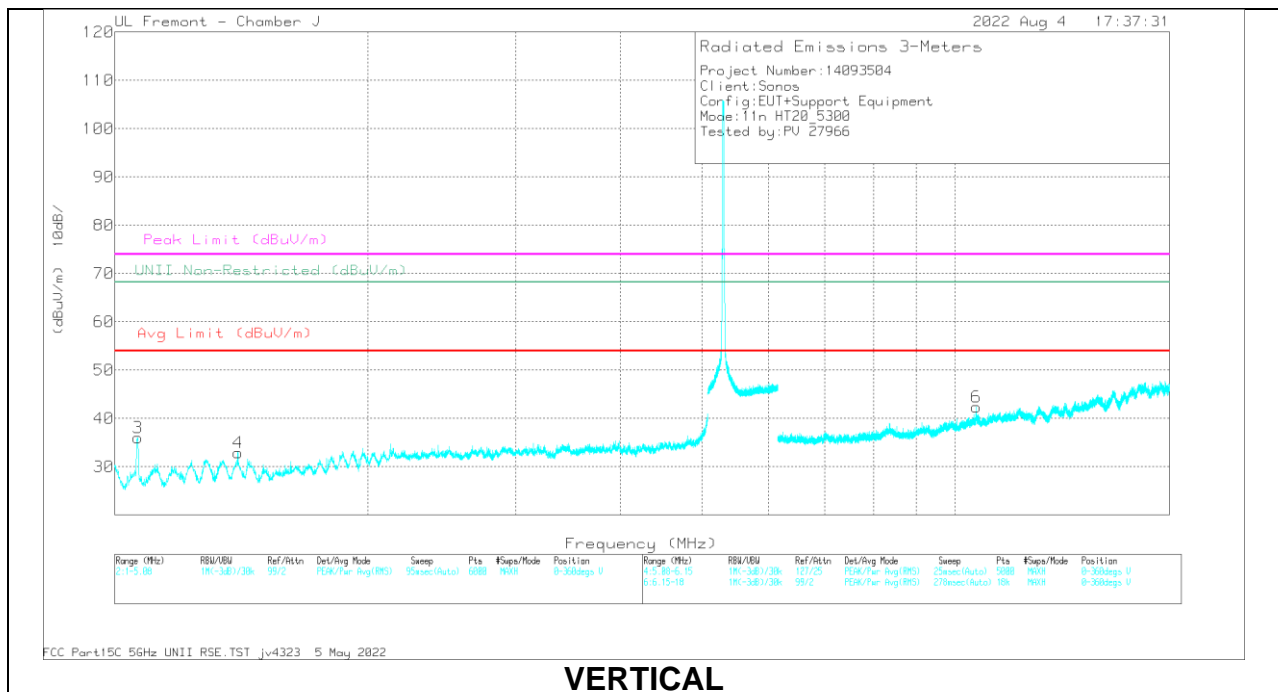
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



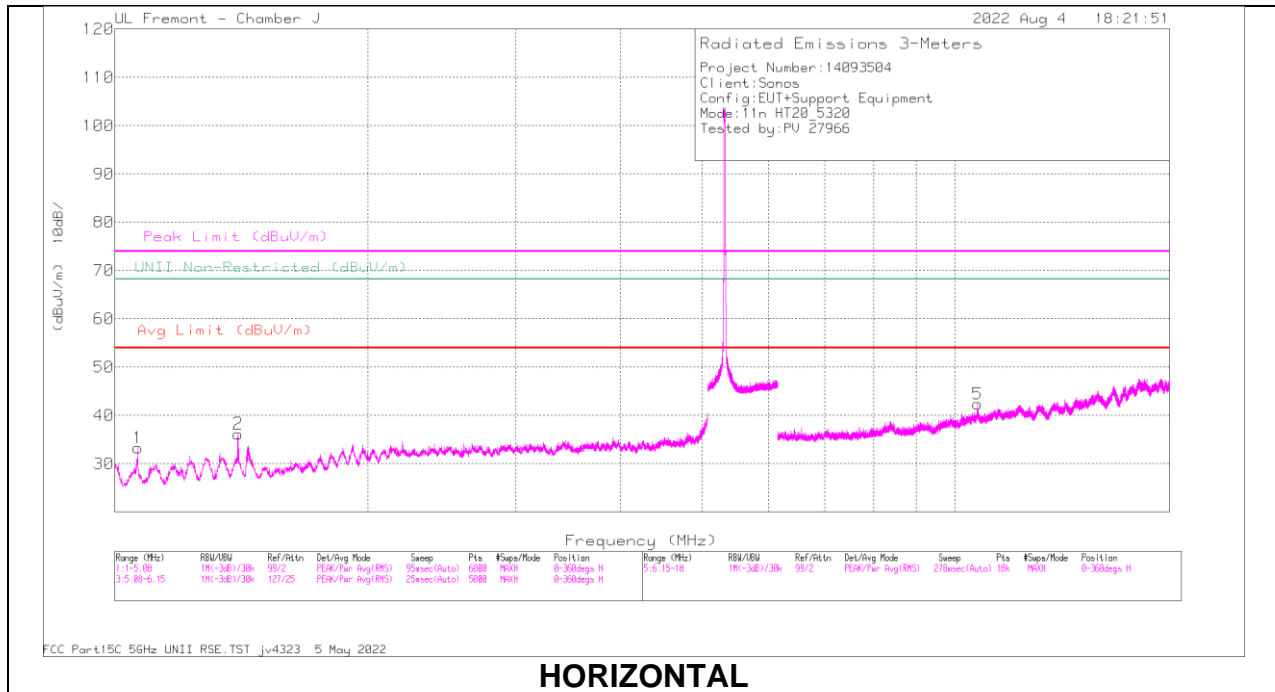
**VERTICAL**

**RADIATED EMISSIONS**

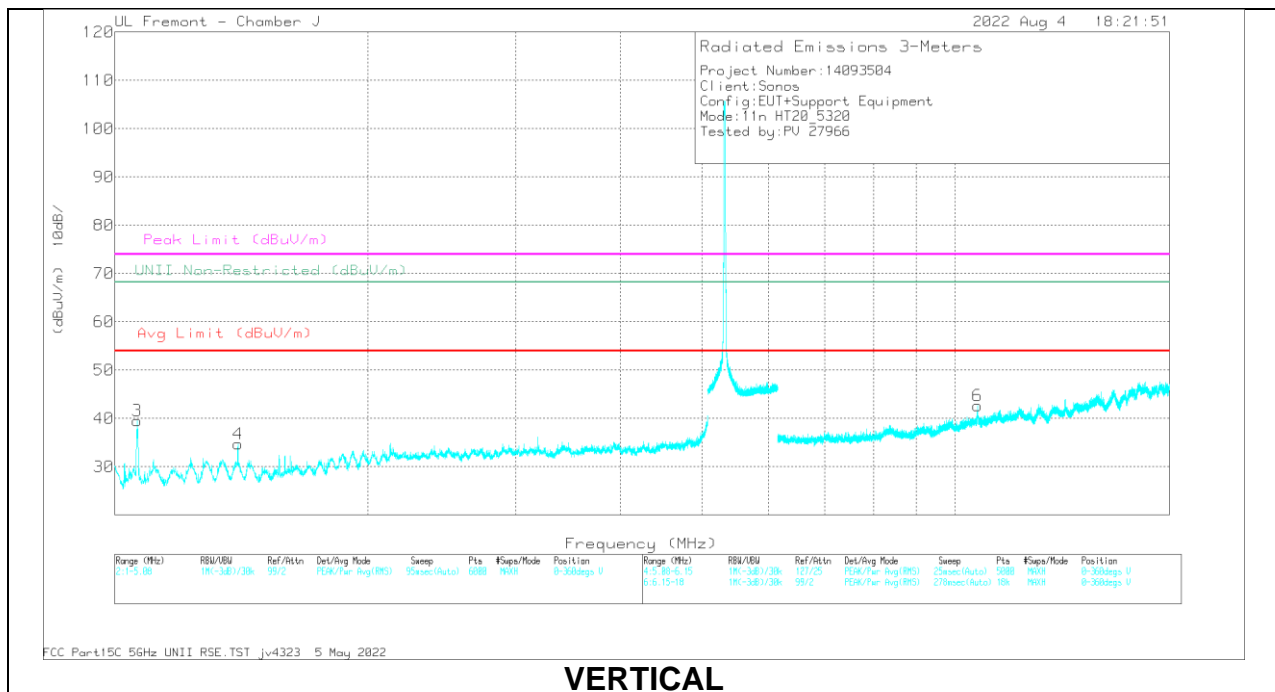
Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degree)	Height (cm)	Polarity
1	* 1064.288	66.51	PK-U	26.8	-49.2	0	44.11	-	-	74	-29.89	-	-	87	395	H
	* 1063.573	51.25	ADR	26.8	-49.2	1.11	29.96	54	-24.04	-	-	-	-	87	395	H
2	* 1400.299	69.88	PK-U	28.7	-48.7	0	45.88	-	-	74	-28.12	-	-	335	101	H
	* 1399.536	49.69	ADR	28.7	-48.7	1.11	30.8	54	-23.2	-	-	-	-	335	101	H
3	* 1063.545	61.92	PK-U	26.8	-49.2	0	39.52	-	-	74	-34.48	-	-	184	343	V
	* 1063.469	49.47	ADR	26.8	-49.2	1.11	28.18	54	-25.82	-	-	-	-	184	343	V
4	* 1402.601	66.52	PK-U	28.8	-48.7	0	46.62	-	-	74	-27.38	-	-	85	178	V
	* 1401.155	49.91	ADR	28.8	-48.7	1.11	31.12	54	-22.88	-	-	-	-	85	178	V
5	* 10601.44	60.45	PK-U	37.8	-44.9	0	53.35	-	-	74	-20.65	-	-	249	192	H
	* 10603.275	46.63	ADR	37.8	-44.8	1.11	40.74	54	-13.26	-	-	-	-	249	192	H
6	* 10601.376	61.6	PK-U	37.8	-44.9	0	54.6	-	-	74	-19.5	-	-	63	118	V
	* 10601.698	47.7	ADR	37.8	-44.9	1.11	41.71	54	-12.29	-	-	-	-	63	118	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimu th (Degs)	Heig ht (cm)	Polar ity
1	* 1063.892	65.19	PK-U	26.8	-49.2	0	42.79	-	-	74	-31.21	-	-	287	395	H
	* 1063.365	50.38	ADR	26.8	-49.2	1.11	29.09	54	-24.91	-	-	-	-	287	395	H
2	* 1402.188	63.66	PK-U	26.8	-48.7	0	43.76	-	-	74	-30.24	-	-	350	214	H
	* 1401.801	49.53	ADR	26.8	-48.7	1.11	30.44	54	-23.56	-	-	-	-	350	214	H
3	* 1062.588	73.23	PK-U	26.8	-49.3	0	50.73	-	-	74	-23.27	-	-	187	100	V
	* 1063.867	57.4	ADR	26.8	-49.2	1.11	36.11	54	-17.89	-	-	-	-	187	100	V
4	* 1389.488	65.85	PK-U	28.7	-48.7	0	45.85	-	-	74	-28.15	-	-	103	148	V
	* 1400.923	49.88	ADR	28.5	-48.7	1.11	30.69	54	-23.31	-	-	-	-	103	148	V
5	* 10643.116	59.17	PK-U	37.9	-44.6	0	52.47	-	-	74	-21.53	-	-	357	102	H
	* 10643.127	46.72	ADR	37.9	-44.6	1.11	41.13	54	-12.87	-	-	-	-	357	102	H
6	* 10636.075	60.15	PK-U	37.9	-44.6	0	53.45	-	-	74	-20.55	-	-	63	120	V
	* 10636.215	47.18	ADR	37.9	-44.6	1.11	41.59	54	-12.41	-	-	-	-	63	120	V

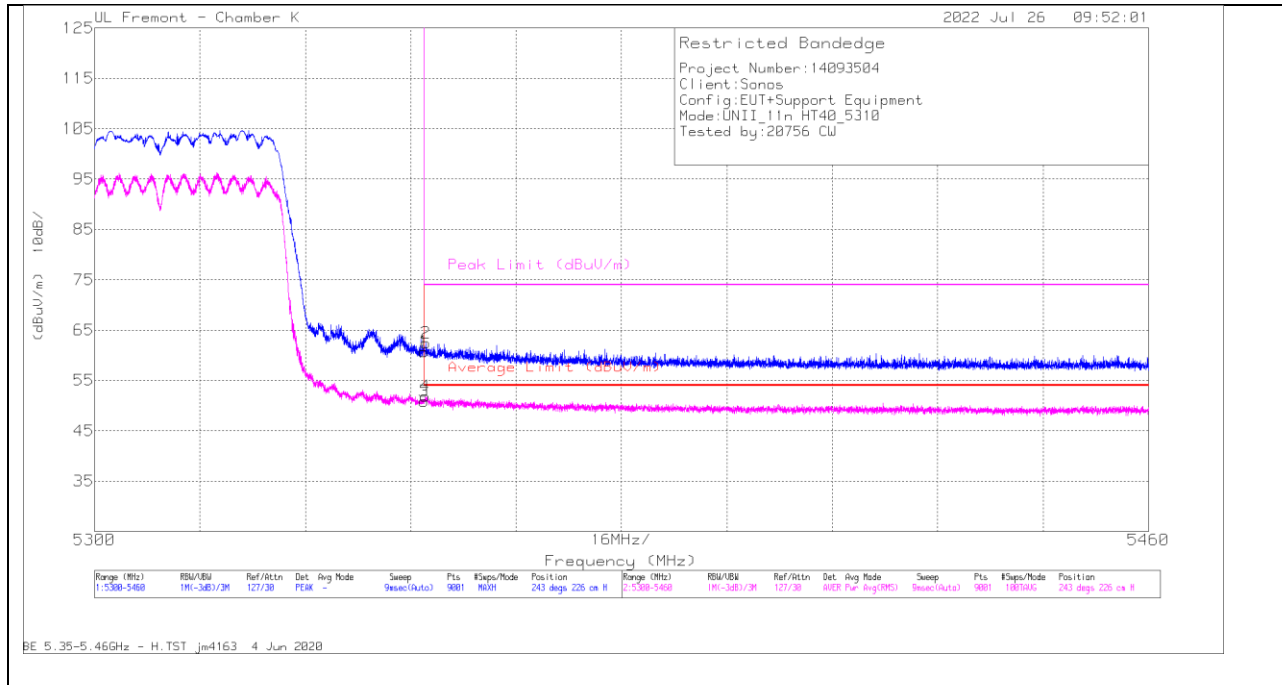
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 10.1.7. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.3 GHz BAND

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

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT

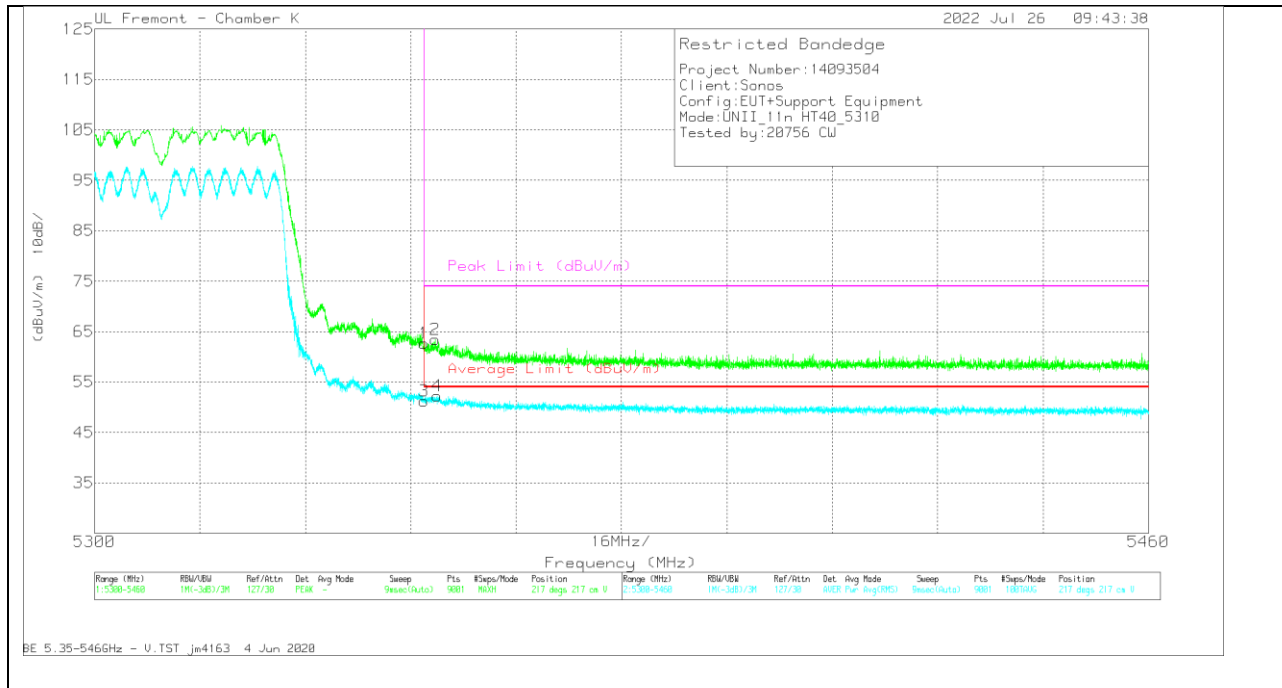


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	56.66	Pk	34.7	-30.7	0	60.66	-	-	74	-13.34	243	226	H
2	* 5350.312	58.51	Pk	34.7	-30.7	0	62.51	-	-	74	-11.49	243	226	H
3	* 5350	44.84	RMS	34.7	-30.7	2.07	50.91	54	-3.09	-	-	243	226	H
4	* 5350.223	45.81	RMS	34.7	-30.7	2.07	51.88	54	-2.12	-	-	243	226	H

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

### VERTICAL RESULT



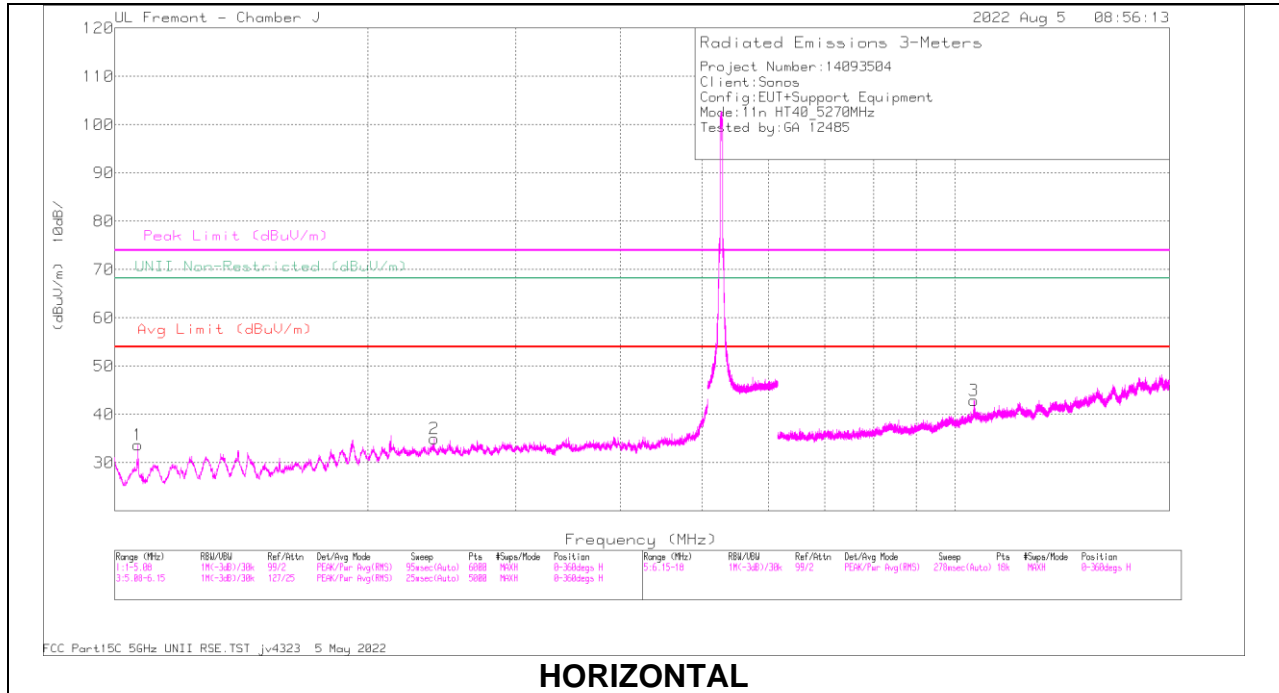
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	58.67	PK	34.7	-30.7	0	62.67	-	-	74	-11.33	217	217	V
2	* 5351.734	59.32	PK	34.8	-30.7	0	63.42	-	-	74	-10.68	217	217	V
3	* 5350	45.23	RMS	34.7	-30.7	2.07	51.3	54	-2.7	-	-	217	217	V
4	* 5352.036	46.06	RMS	34.8	-30.7	2.07	52.23	54	-1.77	-	-	217	217	V

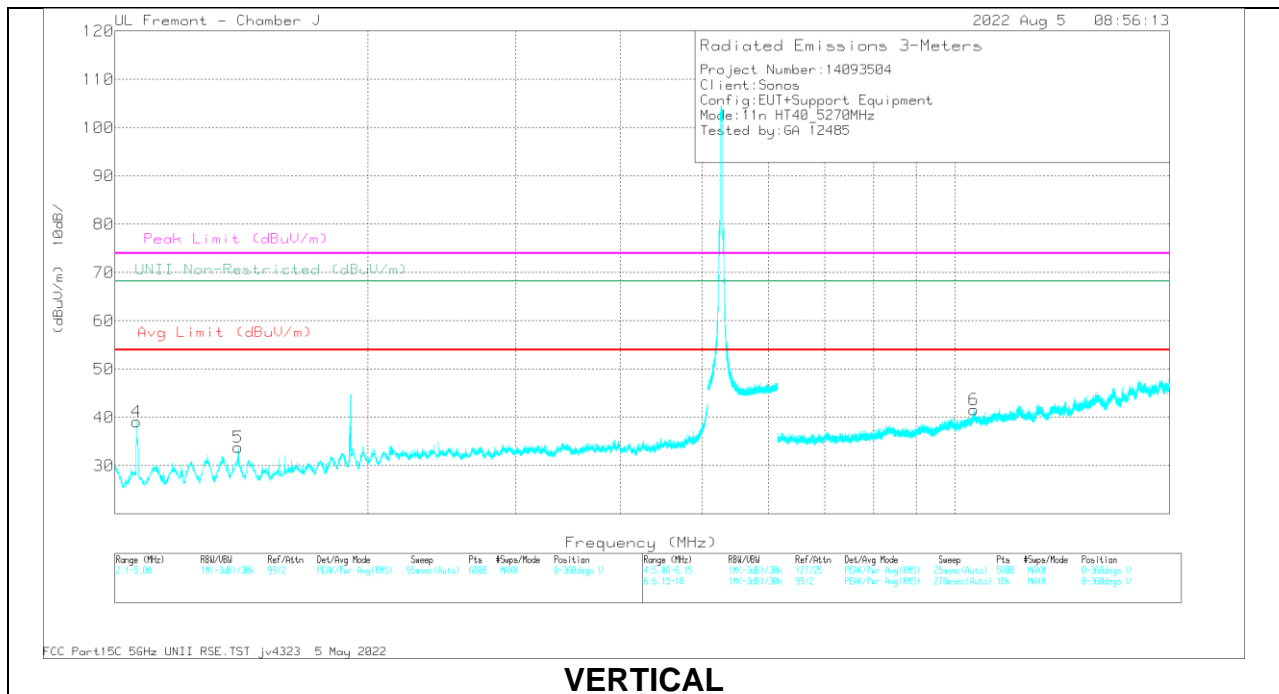
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

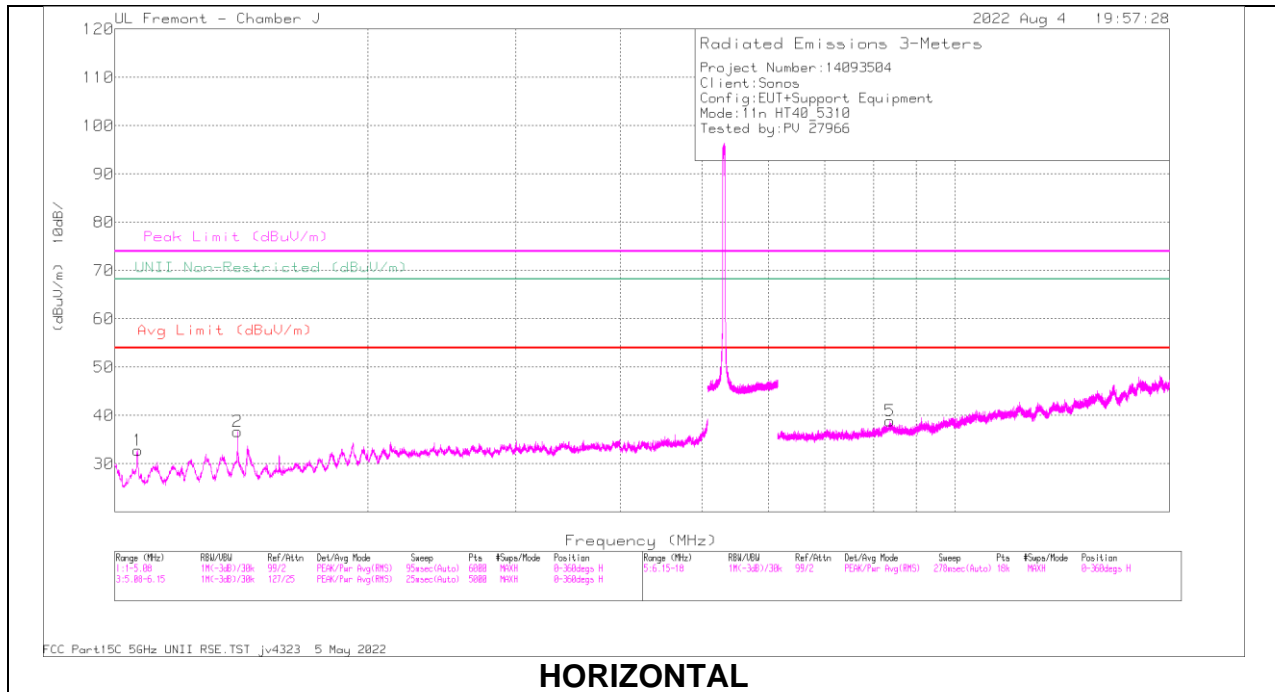
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1065.223	67.96	PK-U	26.9	-49.1	0	45.76	-	-	74	-28.24	-	-	76	221	H
	* 1064.139	51.88	ADR	26.8	-49.2	2.07	31.55	54	-22.45	-	-	-	-	76	221	H
2	2400.368	64.09	PK-U	32	-49	0	47.09	-	-	-	-	88.2	-21.11	43	344	H
	2399.988	51.98	ADR	32	-48	2.07	36.45	-	-	-	-	-	-	43	344	H
3	10541.097	61.48	PK-U	37.7	-45.2	0	53.98	-	-	-	-	88.2	-14.22	1	106	H
	10540.805	47.43	ADR	37.7	-45.2	2.07	42	-	-	-	-	-	-	1	106	H
4	* 1062.091	70.34	PK-U	26.8	-49.3	0	47.54	-	-	74	-26.16	-	-	54	199	V
	* 1062.037	54.16	ADR	26.8	-49.2	2.07	33.83	54	-20.17	-	-	-	-	54	199	V
5	* 1401.486	63.74	PK-U	28.8	-48.7	0	43.84	-	-	74	-30.16	-	-	314	343	V
	* 1400.126	49.15	ADR	28.7	-48.7	2.07	31.22	54	-22.78	-	-	-	-	314	343	V
6	10538.56	60.11	PK-U	37.8	-45.3	0	52.61	-	-	-	-	88.2	-15.59	70	119	V
	10538.092	47.22	ADR	37.8	-45.3	2.07	41.79	-	-	-	-	-	-	70	119	V

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

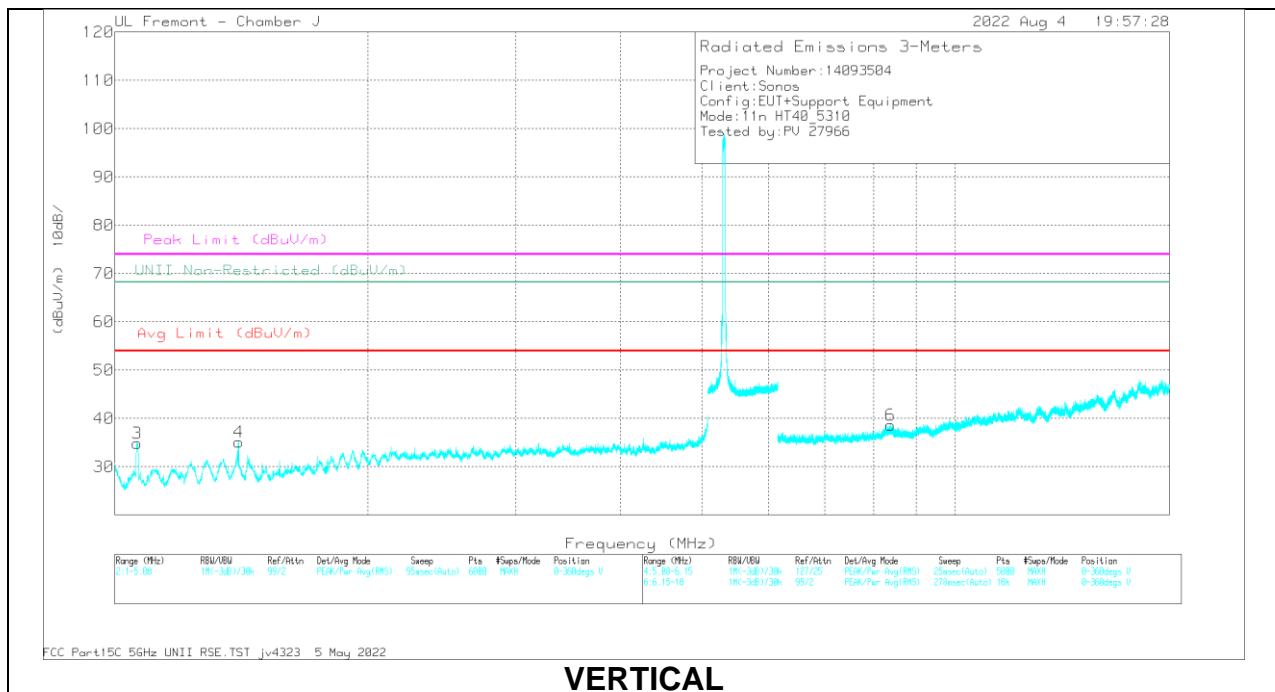
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	DC Corr (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	* 1066.09	68.96	PK-U	26.9	-49.1	0	46.76	-	-	74	-27.24	-	-	89	216	H
	* 1064.256	51.97	ADR	26.8	-49.2	2.07	31.64	54	-22.36	-	-	-	-	89	216	H
2	* 1399.223	65.27	PK-U	28.7	-48.7	0	45.27	-	-	74	-28.73	-	-	51	302	H
	* 1398.971	49.45	ADR	28.7	-48.7	2.07	31.92	54	-22.48	-	-	-	-	51	302	H
3	* 1064.665	61.8	PK-U	26.9	-49.1	0	39.6	-	-	74	-34.4	-	-	189	161	V
	* 1062.168	49.7	ADR	26.8	-49.3	2.07	29.27	54	-24.73	-	-	-	-	189	161	V
4	* 1402.629	66.75	PK-U	28.8	-48.7	0	46.85	-	-	74	-27.15	-	-	68	133	V
	* 1402.581	49.91	ADR	28.8	-48.7	2.07	32.08	54	-21.92	-	-	-	-	68	133	V
5	* 8360.981	56.58	PK-U	36	-44.9	0	47.68	-	-	74	-26.32	-	-	355	200	H
	* 8359.894	45.08	ADR	35.9	-44.9	2.07	38.15	54	-15.85	-	-	-	-	355	200	H
6	* 8388.848	56.59	PK-U	36	-44.9	0	47.69	-	-	74	-26.31	-	-	318	310	V
	* 8386.214	44.85	ADR	35.9	-44.9	2.07	37.92	54	-16.08	-	-	-	-	318	310	V

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

PK-U - U-NII: Maximum Peak

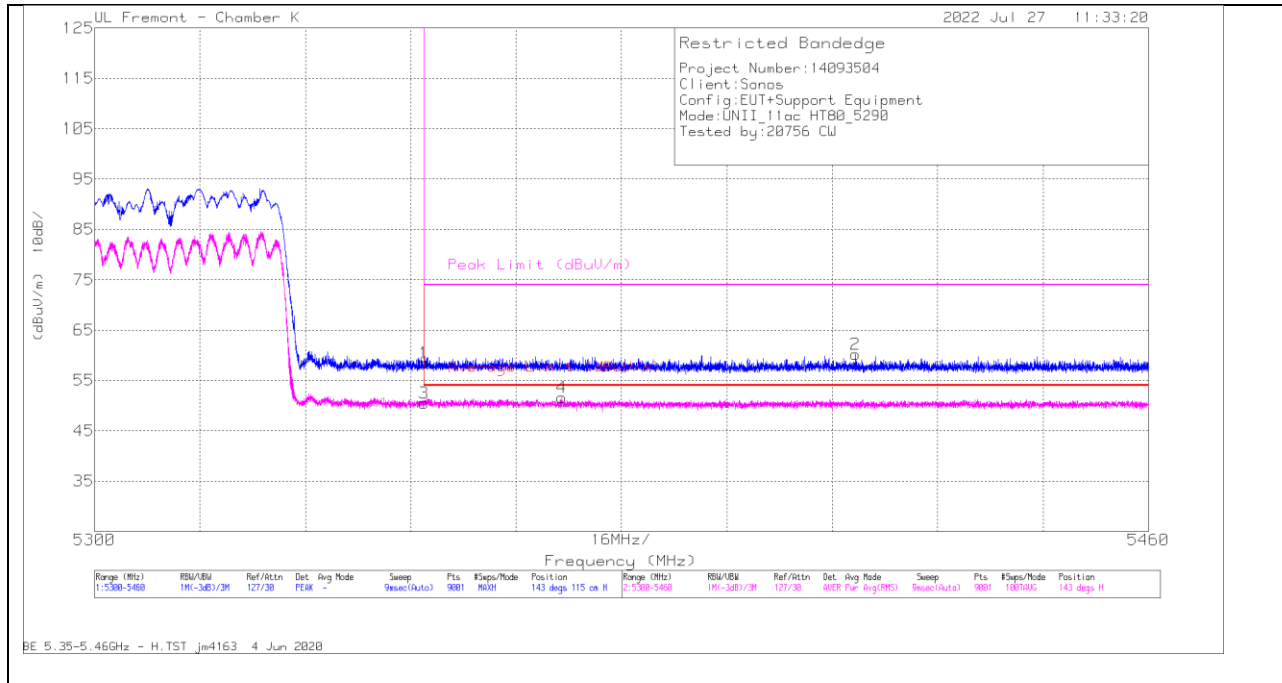
ADR - U-NII AD primary method, RMS average

### 10.1.8. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.3 GHz BAND

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

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

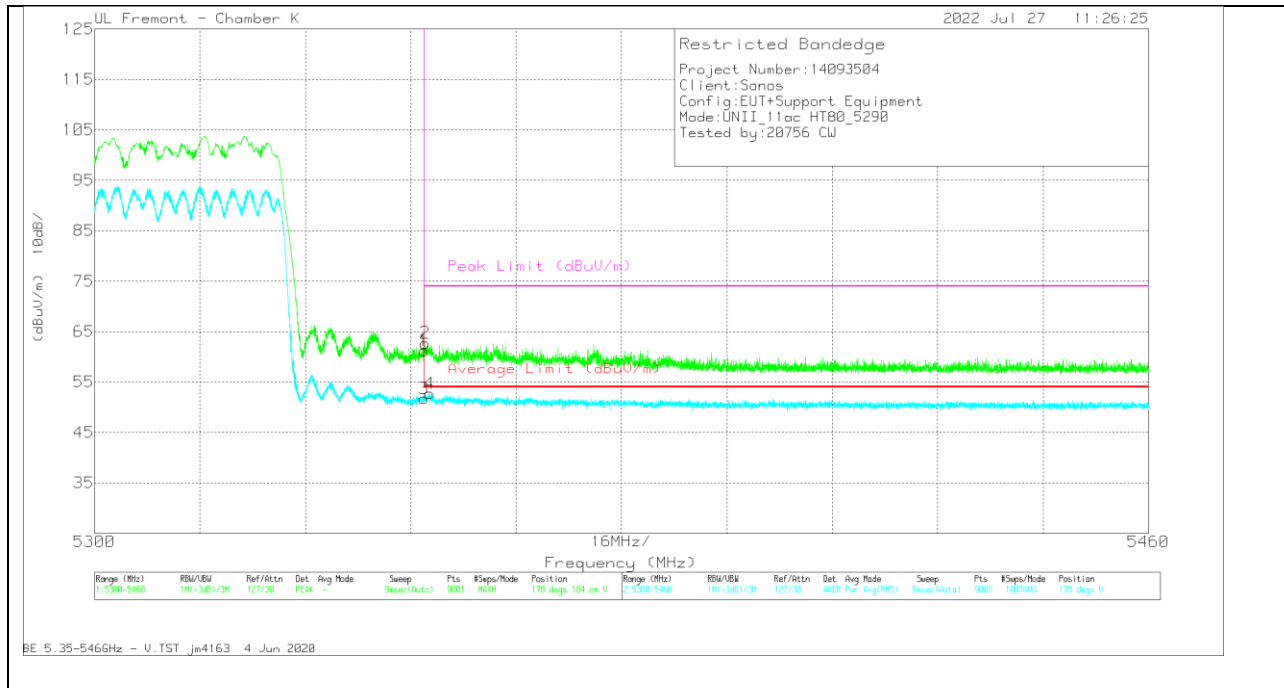
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 6350	54.49	Pk	34.7	-30.7	0	58.49	-	-	74	-15.51	143	115	H
2	* 5415.468	56.07	Pk	34.8	-30.6	0	60.27	-	-	74	-13.73	143	115	H
3	* 6350	43.17	RMS	34.7	-30.6	3.36	50.53	54	-3.47	-	-	143	115	H
4	* 5370.881	44.24	RMS	34.7	-30.7	3.36	51.6	54	-2.4	-	-	143	115	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



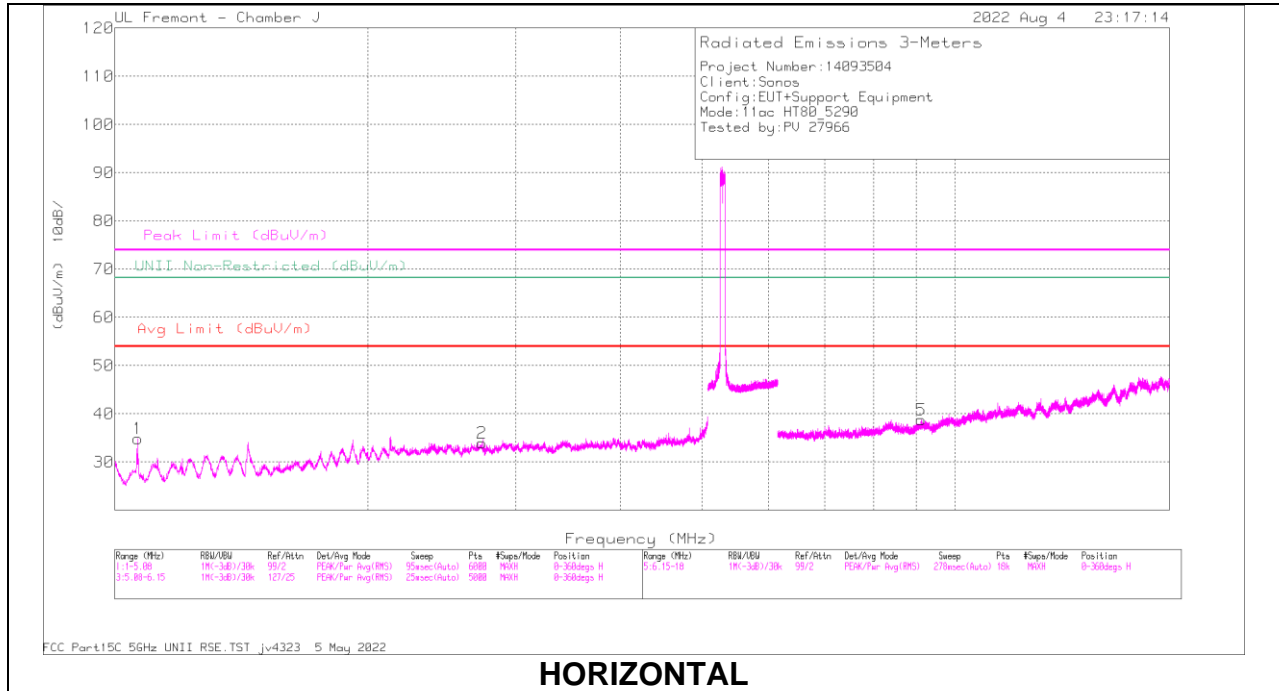
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	57.24	Pk	34.7	-30.7	0	61.24	-	-	74	-12.76	178	184	V
2	* 5350.223	58.76	Pk	34.7	-30.7	0	62.76	-	-	74	-11.24	178	184	V
3	* 5350	44.37	RMS	34.7	-30.7	3.36	51.73	54	-2.27	-	-	178	184	V
4	* 5350.881	45.41	RMS	34.7	-30.7	3.36	52.77	54	-1.23	-	-	178	184	V

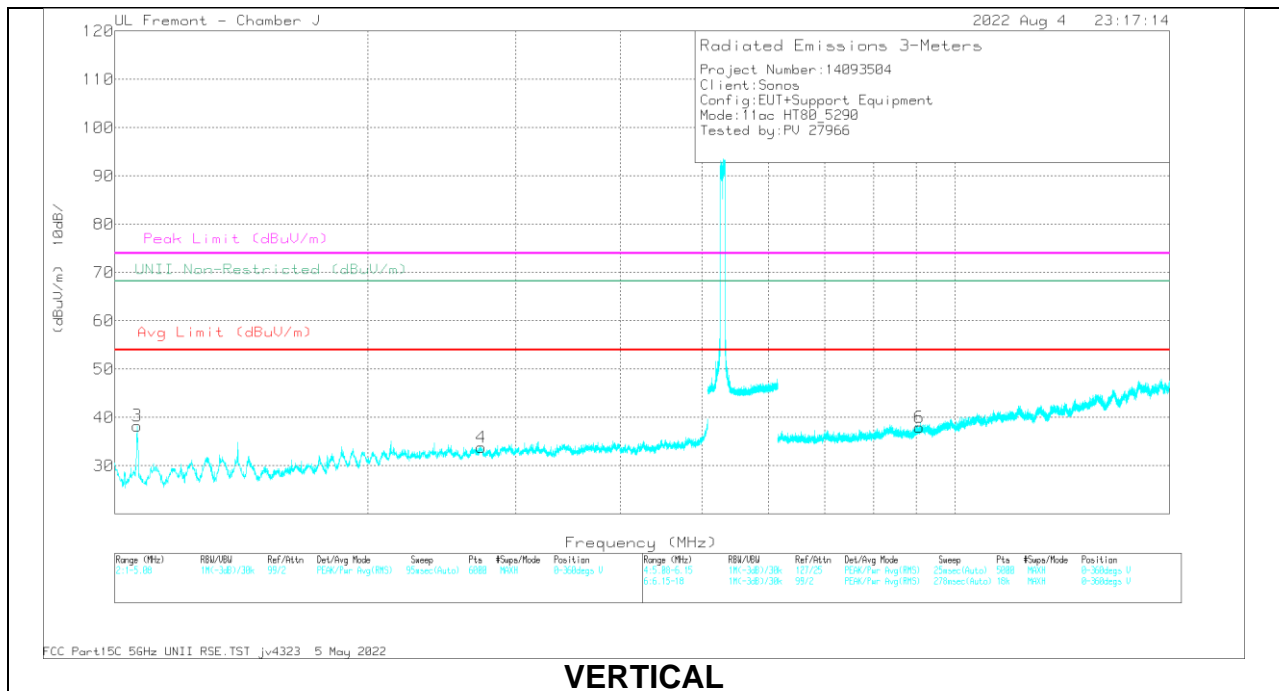
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Filtr/Pa d (dB)	DC Corr (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	* 1066.282	69.93	PK-U	26.9	-49.1	0	47.73	-	-	74	-26.27	-	-	80	220	H
	* 1064.967	52.27	ADR	26.9	-49.1	3.36	33.43	54	-20.57	-	-	-	-	80	220	H
2	* 2732.785	58.87	PK-U	32.5	-47.9	0	44.47	-	-	74	-29.53	-	-	83	369	H
	* 2731.546	47.08	ADR	32.5	-47.9	3.36	35.04	54	-18.06	-	-	-	-	83	369	H
3	* 1062.663	71.77	PK-U	26.8	-49.3	0	49.27	-	-	74	-24.73	-	-	181	111	V
	* 1063.179	55.94	ADR	26.8	-49.2	3.36	36.9	54	-17.1	-	-	-	-	181	111	V
4	* 2732.343	58.53	PK-U	32.5	-47.9	0	43.13	-	-	74	-30.87	-	-	110	338	V
	* 2729.93	46.7	ADR	32.5	-47.9	3.36	34.66	54	-19.34	-	-	-	-	110	338	V
5	* 9112.288	56.32	PK-U	36.3	-45	0	47.62	-	-	74	-26.38	-	-	305	137	H
	* 9109.623	44.68	ADR	36.3	-45	3.36	39.34	54	-14.66	-	-	-	-	305	137	H
6	* 9071.185	55.73	PK-U	36.2	-45	0	46.83	-	-	74	-27.07	-	-	41	228	V
	* 9074.39	44.16	ADR	36.3	-45	3.36	38.84	54	-15.16	-	-	-	-	41	228	V

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

PK-U - U-NII: Maximum Peak

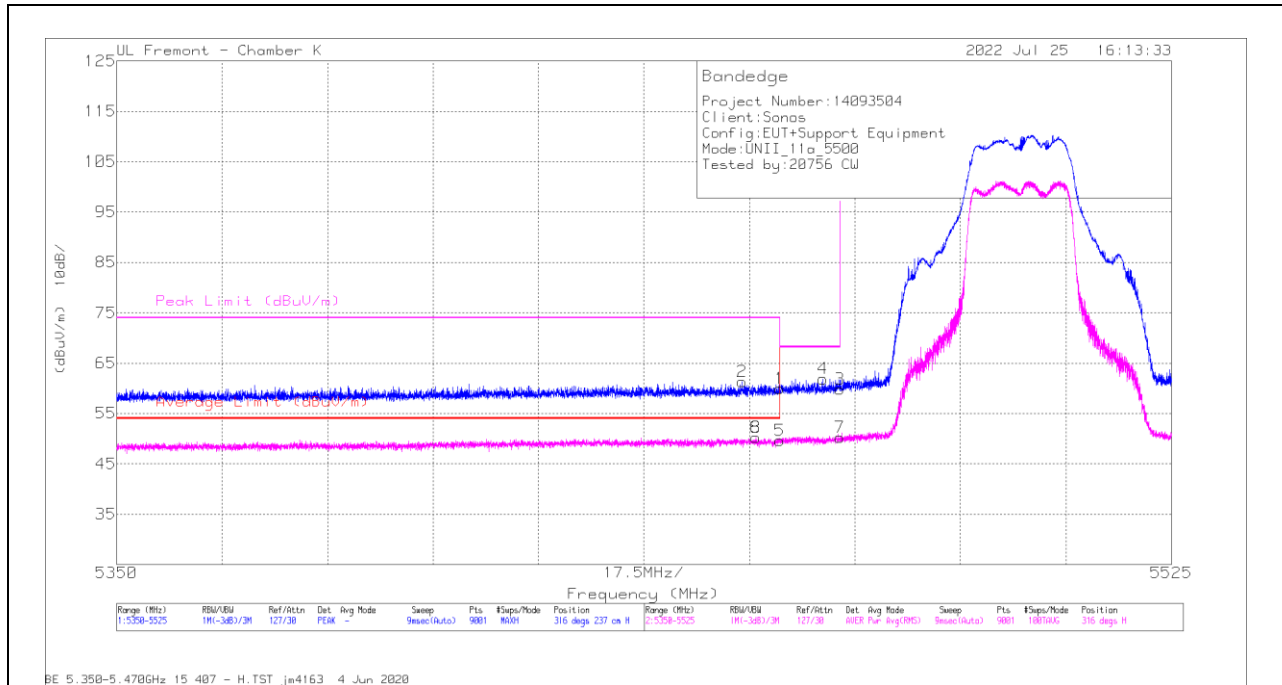
ADR - U-NII AD primary method, RMS average

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

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polariz y
1	* 5460	55.78	Pk	34.8	-30.6	0	59.98	-	-	68.2	-8.22	316	237	H
2	* 5453.753	56.99	Pk	34.9	-30.6	0	61.29	-	-	74	-12.71	316	237	H
3	5470	55.58	Pk	34.8	-30.6	0	59.78	-	-	68.2	-8.42	316	237	H
4	5467.17	57.69	Pk	34.8	-30.6	0	61.89	-	-	68.2	-6.31	316	237	H
5	* 5460	44.33	RMS	34.8	-30.6	1.05	49.58	54	-4.42	-	-	316	237	H
6	* 5456.086	44.95	RMS	34.8	-30.5	1.05	50.3	54	-3.7	-	-	316	237	H
7	5470	44.98	RMS	34.8	-30.6	1.05	50.23	-	-	-	-	316	237	H
8	* 5456.086	44.95	RMS	34.8	-30.5	1.05	50.3	54	-3.7	-	-	316	237	H

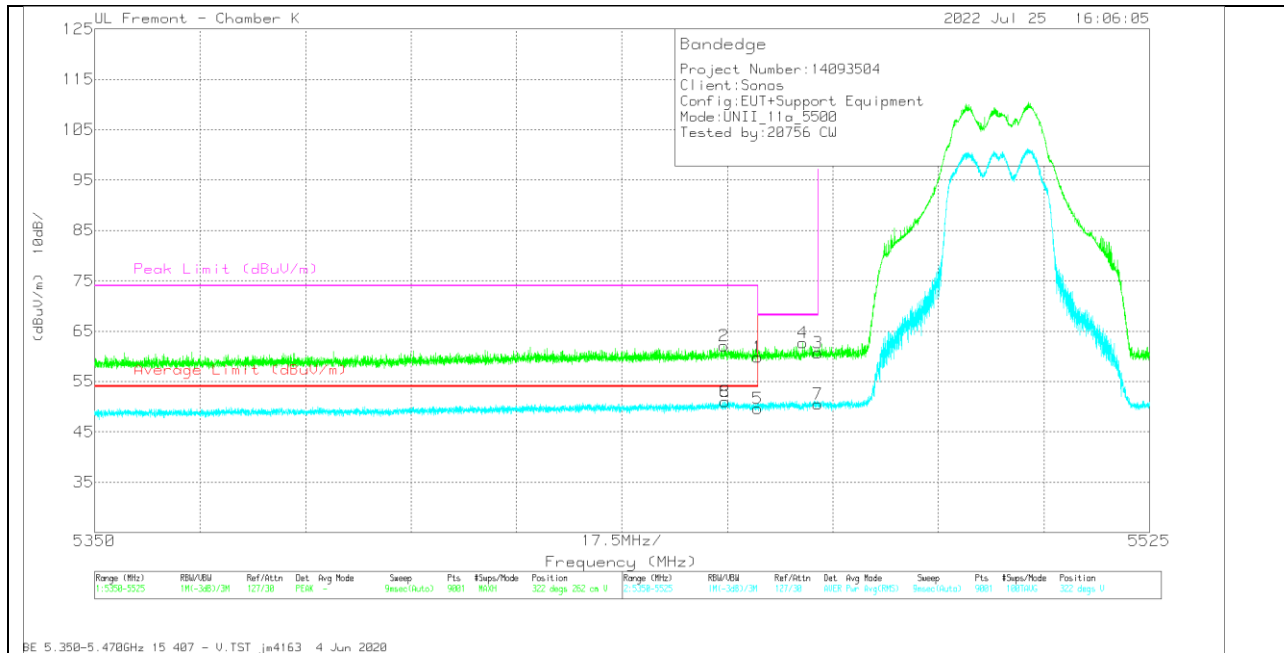
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



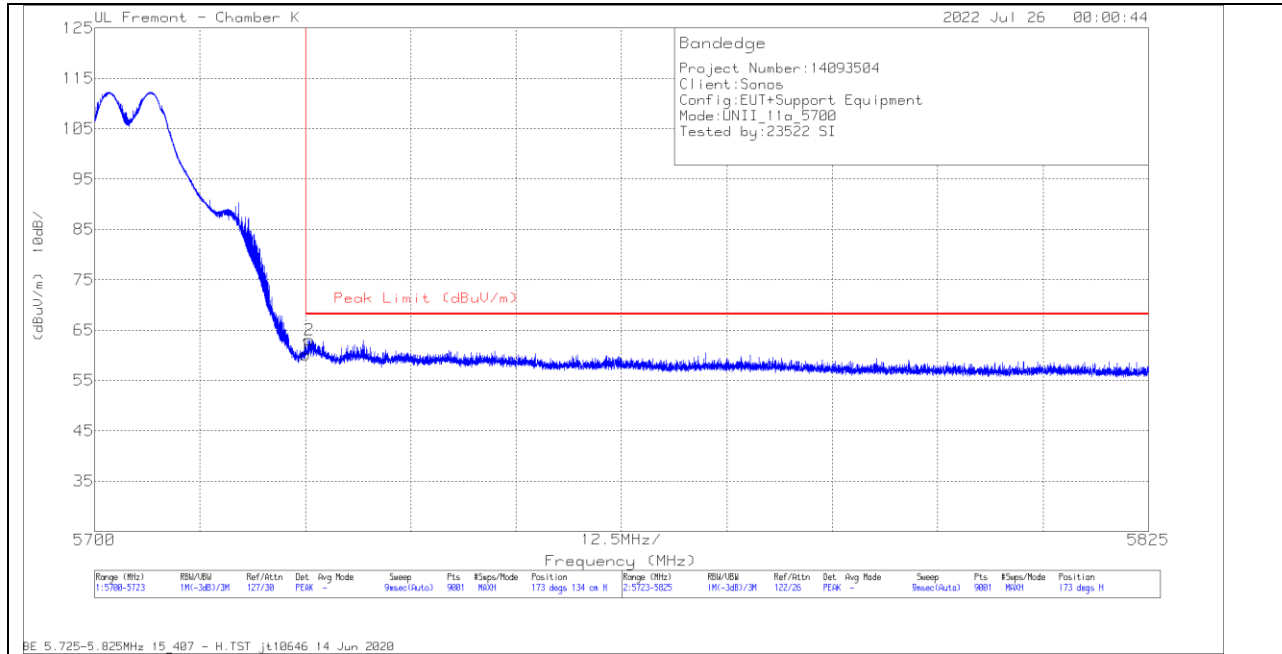
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.63	Pk	34.8	-30.6	0	59.83	-	-	68.2	-8.37	322	262	V
2	* 5454.375	57.69	Pk	34.9	-30.5	0	62.09	-	-	74	-11.91	322	262	V
3	5470	56.5	Pk	34.8	-30.6	0	60.7	-	-	68.2	-7.5	322	262	V
4	5467.5	58.51	Pk	34.8	-30.6	0	62.71	-	-	68.2	-5.49	322	262	V
5	* 5460	44.44	RMS	34.8	-30.6	1.05	49.69	54	-4.31	-	-	322	262	V
6	* 5454.589	45.55	RMS	34.9	-30.5	1.05	51	54	-3	-	-	322	262	V
7	5470	45.3	RMS	34.8	-30.6	1.05	50.55	-	-	-	-	322	262	V
8	* 5454.589	45.55	RMS	34.9	-30.5	1.05	51	54	-3	-	-	322	262	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

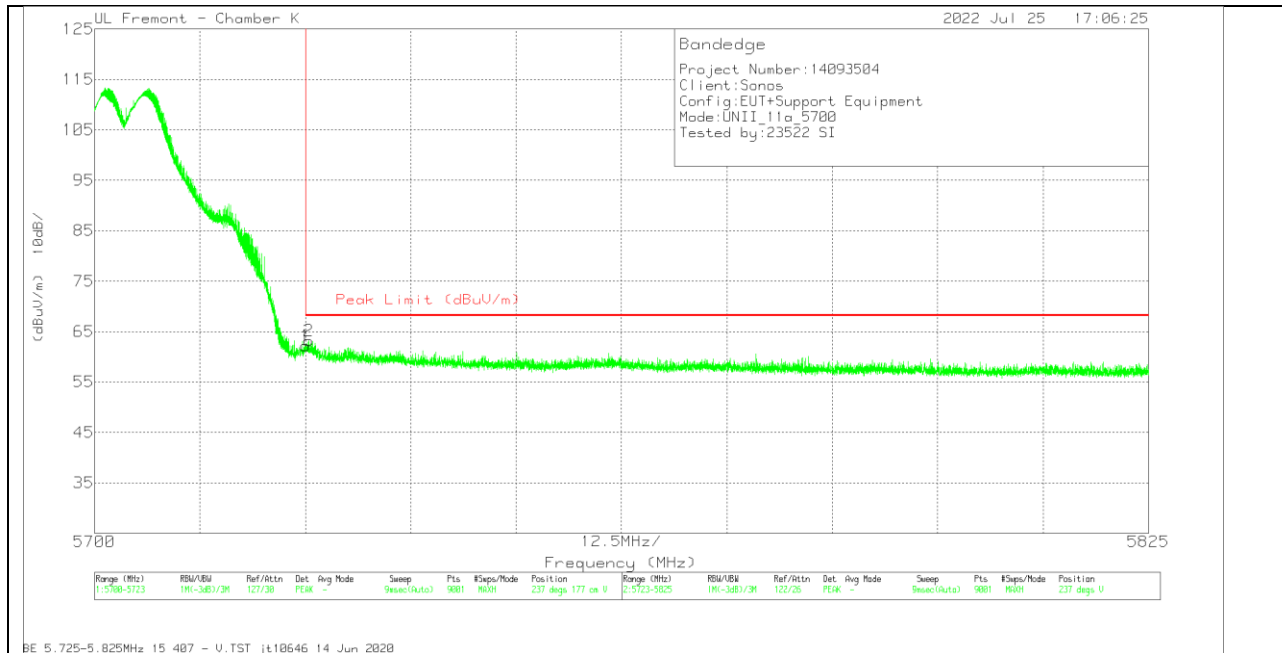


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	55.28	Pk	34.9	-30.1	0	60.08	68.2	-8.12	173	134	H
2	5725.516	58.24	Pk	34.9	-30.1	0	63.04	68.2	-5.16	173	134	H

Pk - Peak detector

### VERTICAL RESULT



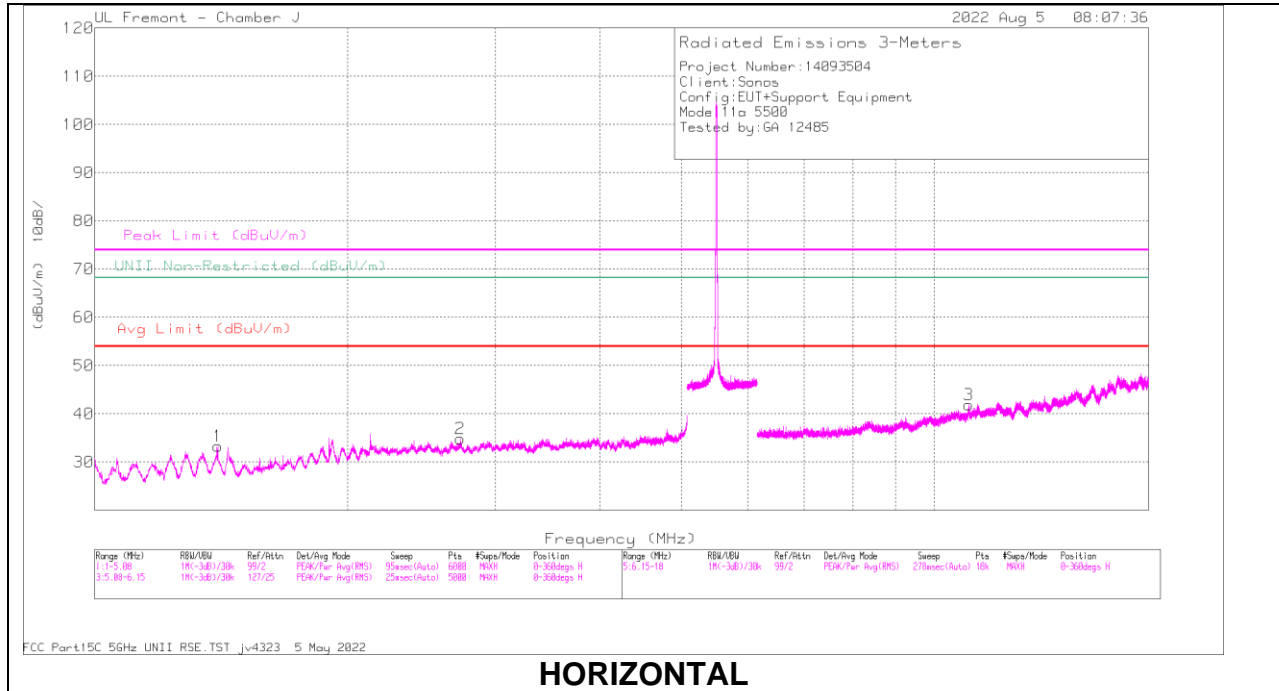
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	57.45	Pk	34.9	-30.1	0	62.25	68.2	-5.95	237	177	V
2	5725.425	58.36	Pk	34.9	-30.1	0	63.16	68.2	-5.04	237	177	V

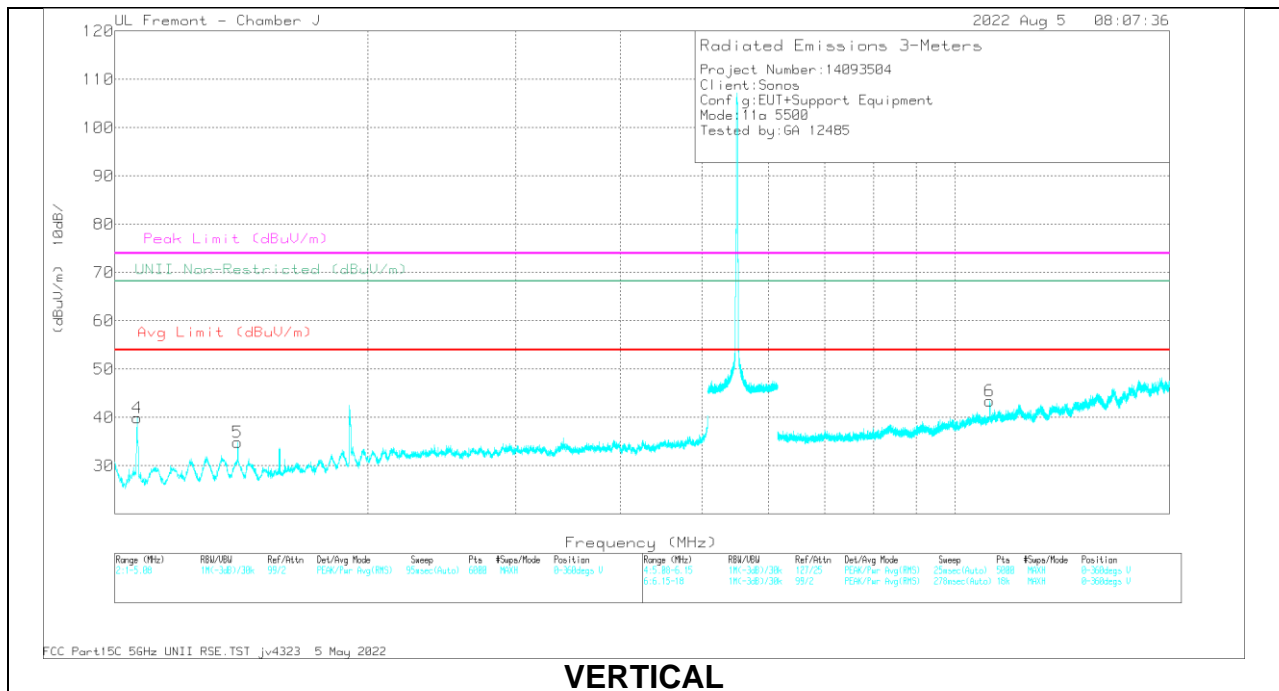
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

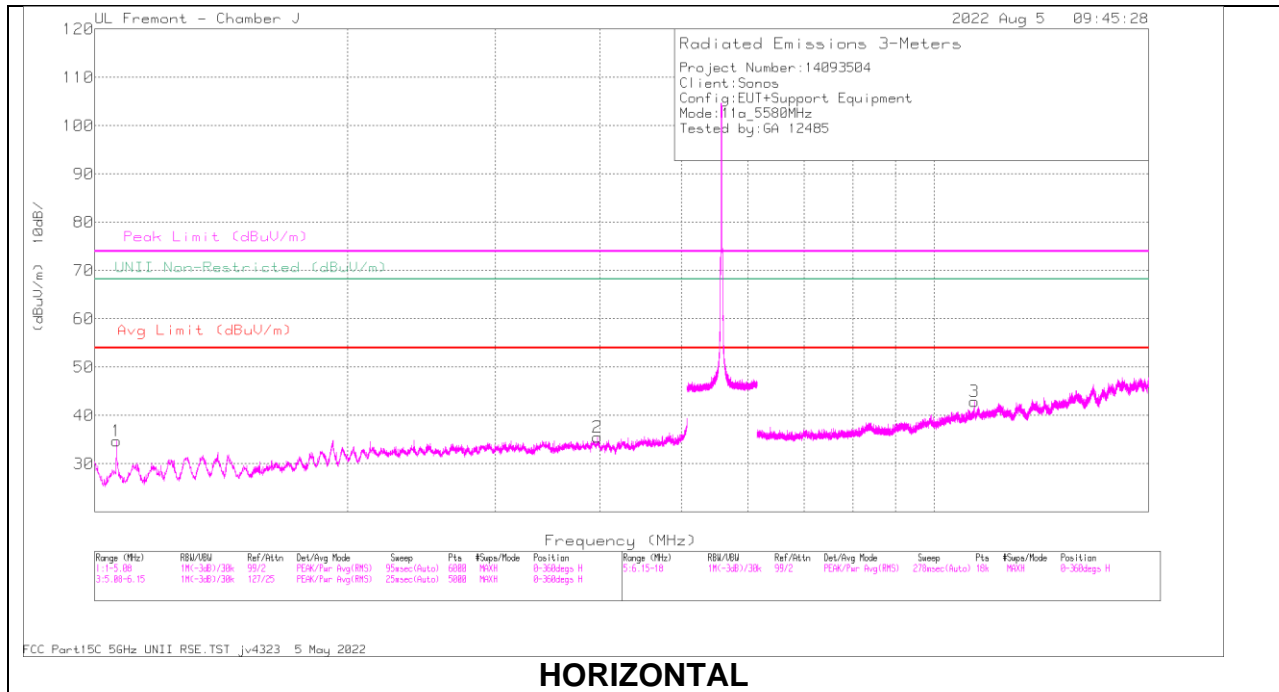
Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1402.94	63.55	PK-U	28.8	-48.7	0	43.65	-	-	74	-30.35	-	-	0	343	H
	* 1399.548	49.23	ADR	28.7	-48.7	1.05	30.28	54	-23.72	-	-	-	-	0	343	H
2	* 2729.952	59.04	PK-U	32.8	-47.9	0	43.84	-	-	74	-30.16	-	-	88	218	H
	* 2725.87	47.56	ADR	32.5	-47.9	1.05	33.21	54	-20.79	-	-	-	-	88	218	H
3	* 10998.561	58.33	PK-U	37.9	-44.2	0	52.03	-	-	74	-21.97	-	-	13	130	H
	* 10998.254	45.8	ADR	37.9	-44.2	1.05	40.55	54	-13.45	-	-	-	-	13	130	H
4	* 1062.341	72.4	PK-U	28.8	-49.3	0	49.9	-	-	74	-24.1	-	-	184	108	V
	* 1062.354	57	ADR	28.8	-49.2	1.05	35.65	54	-18.35	-	-	-	-	184	108	V
5	* 1399.284	66.51	PK-U	28.7	-49.7	0	46.51	-	-	74	-27.49	-	-	25	163	V
	* 1402.802	49.48	ADR	28.8	-48.7	1.05	30.63	54	-23.37	-	-	-	-	25	163	V
6	* 11000.896	58.84	PK-U	38	-44.2	0	52.64	-	-	74	-21.36	-	-	248	148	V
	* 11001.236	46.44	ADR	37.9	-44.2	1.05	41.19	54	-12.81	-	-	-	-	248	148	V

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

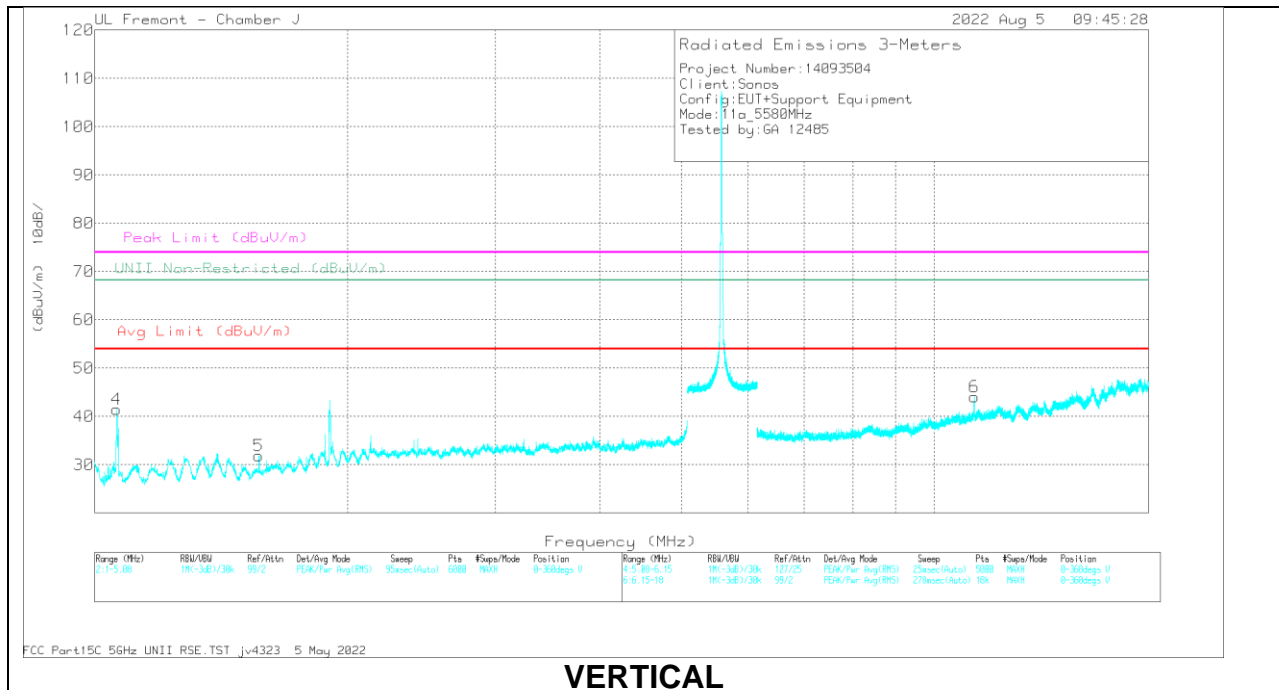
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



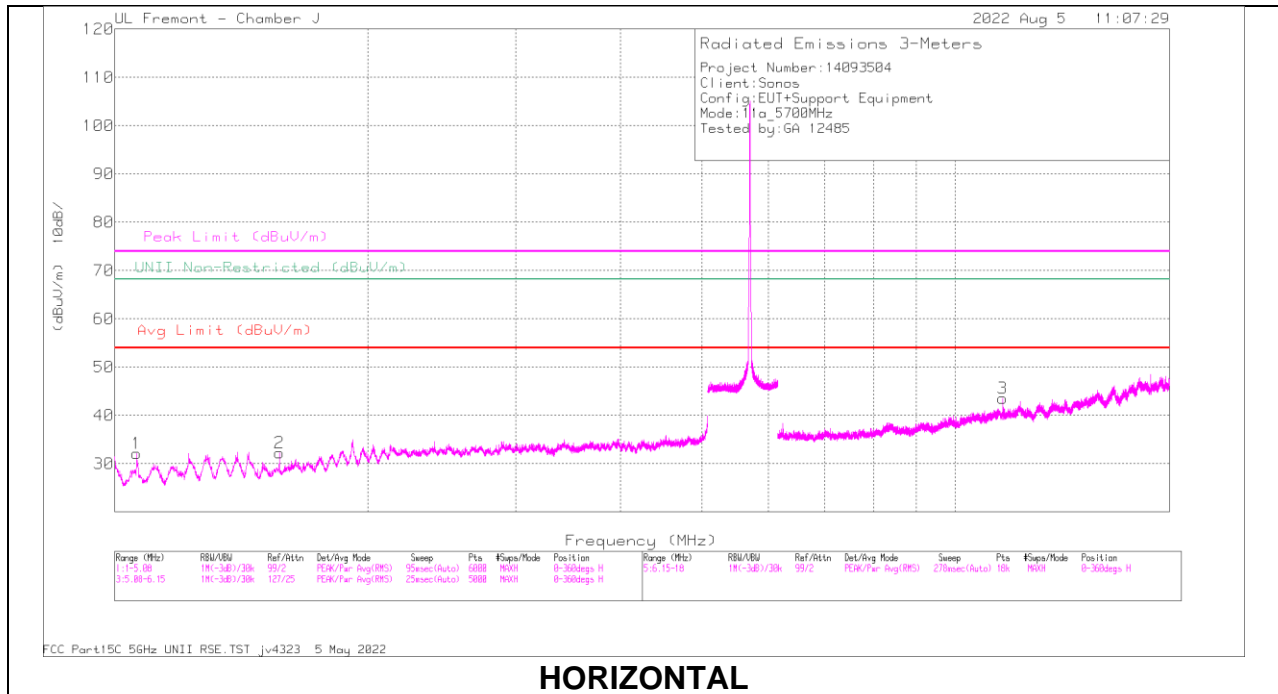
**VERTICAL**

**RADIATED EMISSIONS**

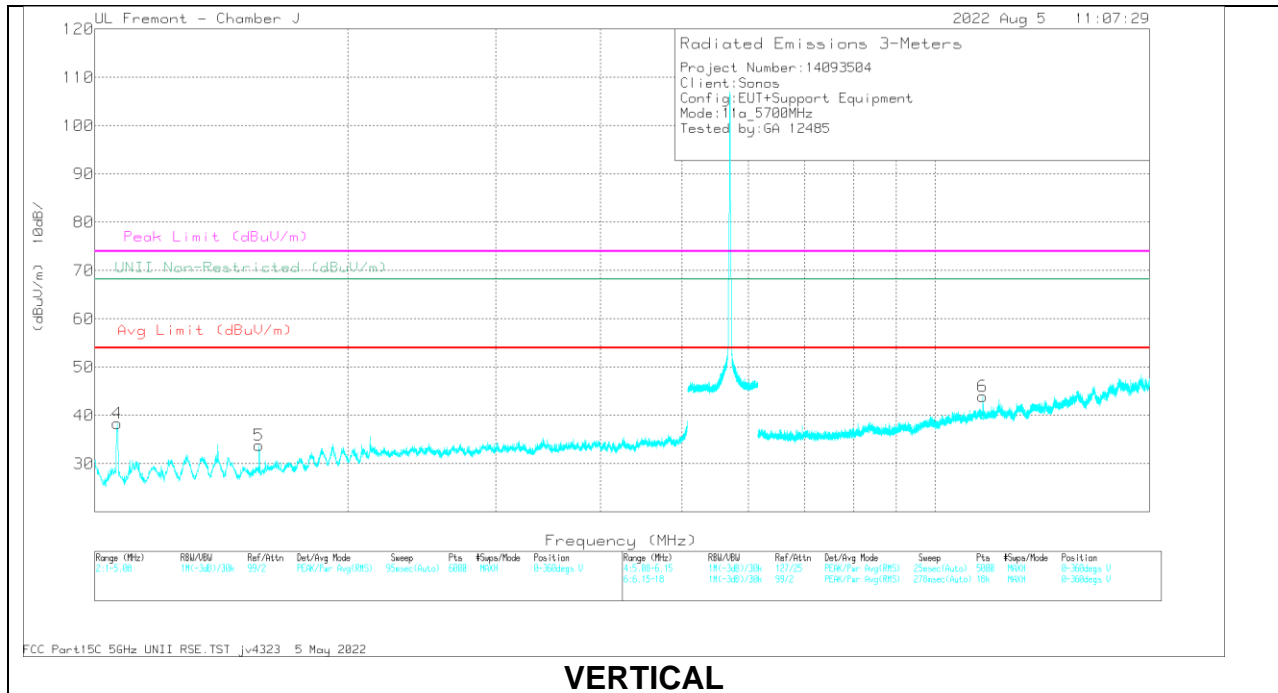
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1062.427	67.99	PK-U	26.8	-49.3	0	45.49	-	-	74	-26.51	-	-	207	203	H
	* 1064.182	62.1	ADR	26.8	-49.2	1.05	30.75	54	-23.25	-	-	-	-	297	203	H
2	* 3965.921	57.88	PK-U	33.6	-47	0	44.48	-	-	74	-29.52	-	-	218	114	H
	* 3969.246	46.32	ADR	33.6	-47	1.05	33.97	54	-20.03	-	-	-	-	218	114	H
3	* 11159.167	62.91	PK-U	38	-44.5	0	56.41	-	-	74	-17.59	-	-	248	127	H
	* 11159.117	50.62	ADR	38	-44.5	1.05	45.17	54	-8.83	-	-	-	-	248	127	H
4	* 1062.562	69.4	PK-U	26.8	-49.3	0	46.3	-	-	74	-27.1	-	-	187	230	V
	* 1063.251	53.81	ADR	26.8	-49.2	1.05	32.46	54	-21.54	-	-	-	-	187	230	V
5	* 1572.708	66.69	PK-U	27.7	-49.1	0	45.29	-	-	74	-28.71	-	-	309	103	V
	* 1569.855	50.4	ADR	27.7	-49.1	1.05	30.05	54	-23.95	-	-	-	-	309	103	V
6	* 11158.536	62.72	PK-U	38	-44.5	0	56.22	-	-	74	-17.78	-	-	302	132	V
	* 11157.616	50.69	ADR	38	-44.4	1.05	45.54	54	-8.46	-	-	-	-	302	132	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1066.943	67.15	PK-U	26.9	-49.1	0	44.95	-	-	74	-29.05	-	-	68	228	H
	* 1063.418	51.78	ADR	26.8	-49.2	1.05	30.43	54	-23.57	-	-	-	-	68	228	H
2	* 1568.412	65.07	PK-U	27.7	-49.1	0	43.67	-	-	74	-30.33	-	-	44	283	H
	* 1569.818	48.86	ADR	27.7	-49.1	1.05	28.51	54	-25.49	-	-	-	-	44	283	H
3	* 11398.413	59.67	PK-U	38.3	-44.5	0	53.47	-	-	74	-20.53	-	-	198	116	H
	* 11398.071	47.45	ADR	38.3	-44.5	1.05	42.3	54	-11.7	-	-	-	-	198	116	H
4	* 1062.406	72.03	PK-U	26.8	-49.3	0	49.53	-	-	74	-24.47	-	-	178	112	V
	* 1065.036	56.61	ADR	26.9	-49.1	1.05	35.46	54	-18.54	-	-	-	-	178	112	V
5	* 1572.556	65.33	PK-U	27.7	-49.1	0	43.93	-	-	74	-30.07	-	-	309	208	V
	* 1569.703	46.95	ADR	27.7	-49.1	1.05	26.6	54	-27.4	-	-	-	-	309	208	V
6	* 11492.07	60.73	PK-U	38.3	-44.5	0	54.53	-	-	74	-19.47	-	-	287	211	V
	* 11491.21	47.89	ADR	38.3	-44.5	1.05	42.74	54	-11.26	-	-	-	-	287	211	V

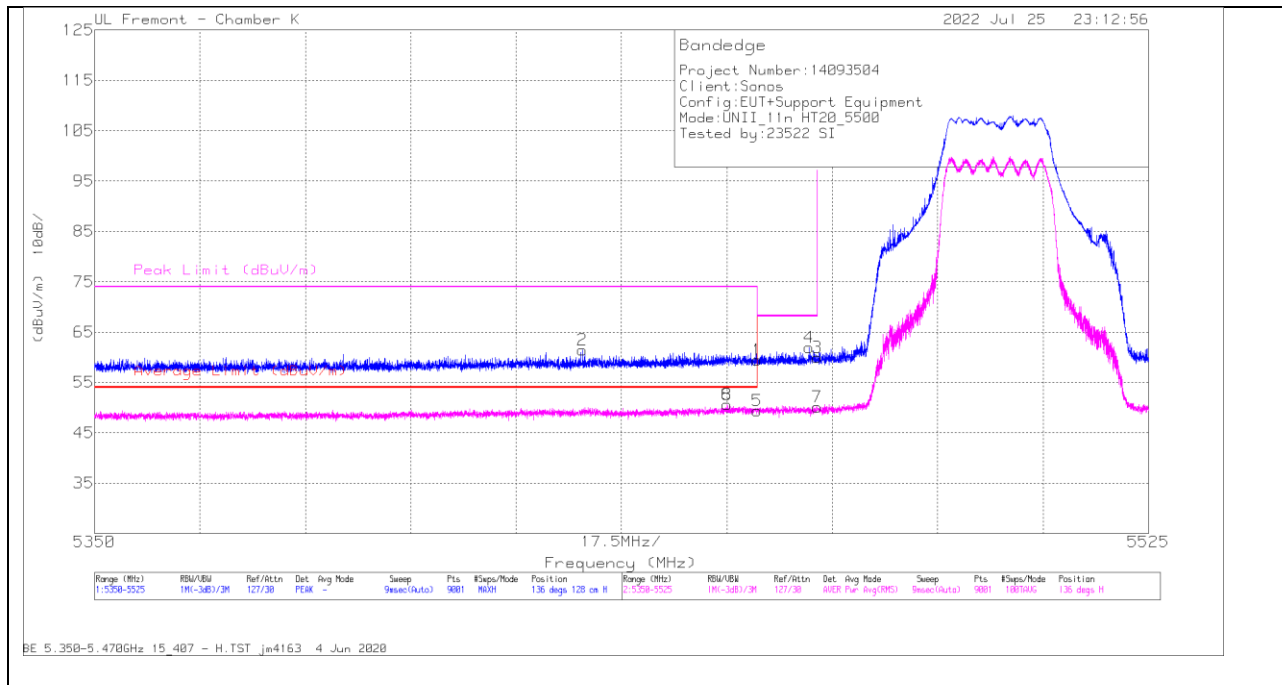
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 10.1.10. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 5.6 GHz BAND

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

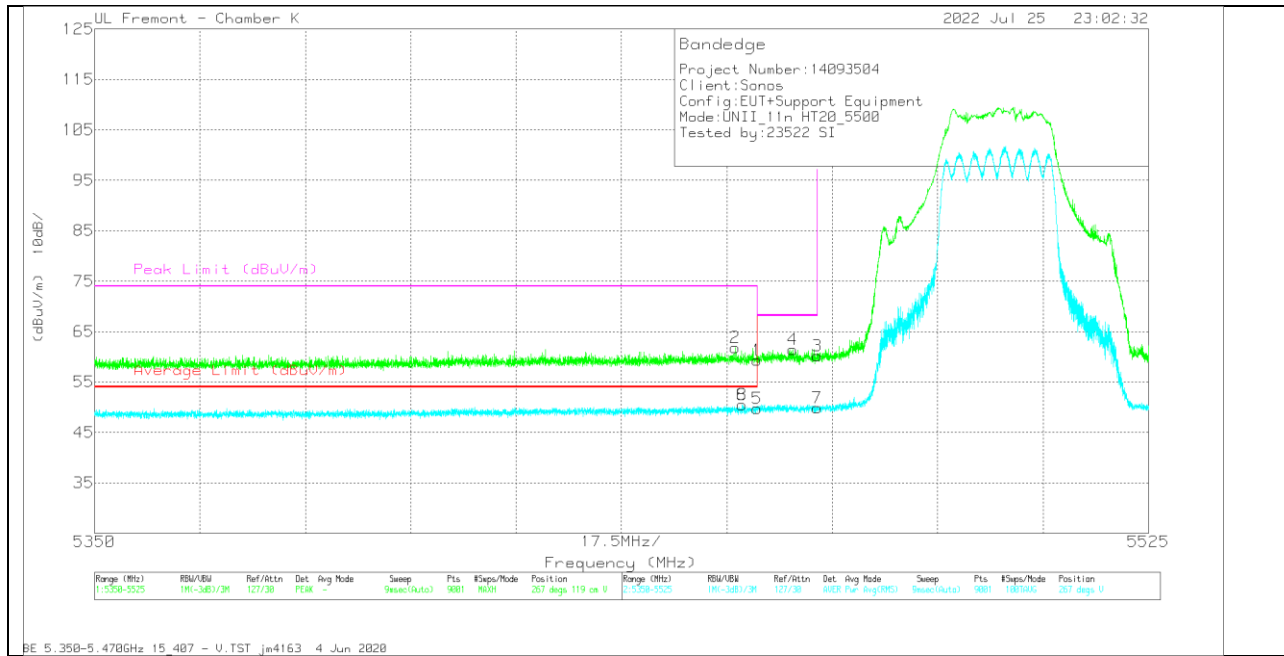


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.26	Pk	34.8	-30.6	0	59.46	-	-	68.2	-8.74	136	128	H
2	* 5431.023	57.14	Pk	34.8	-30.5	0	61.44	-	-	74	-12.56	136	128	H
3	5470	55.8	Pk	34.8	-30.6	0	60	-	-	68.2	-8.2	136	128	H
4	5468.647	57.81	Pk	34.8	-30.6	0	62.01	-	-	68.2	-6.19	136	128	H
5	* 5460	44.05	RMS	34.8	-30.6	1.11	49.36	54	-4.64	-	-	136	128	H
6	* 5455.056	45.07	RMS	34.9	-30.5	1.11	50.58	54	-3.42	-	-	136	128	H
7	5470	44.87	RMS	34.8	-30.6	1.11	50.19	-	-	-	-	136	128	H
8	* 5455.056	45.07	RMS	34.9	-30.5	1.11	50.58	54	-3.42	-	-	136	128	H

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

### VERTICAL RESULT



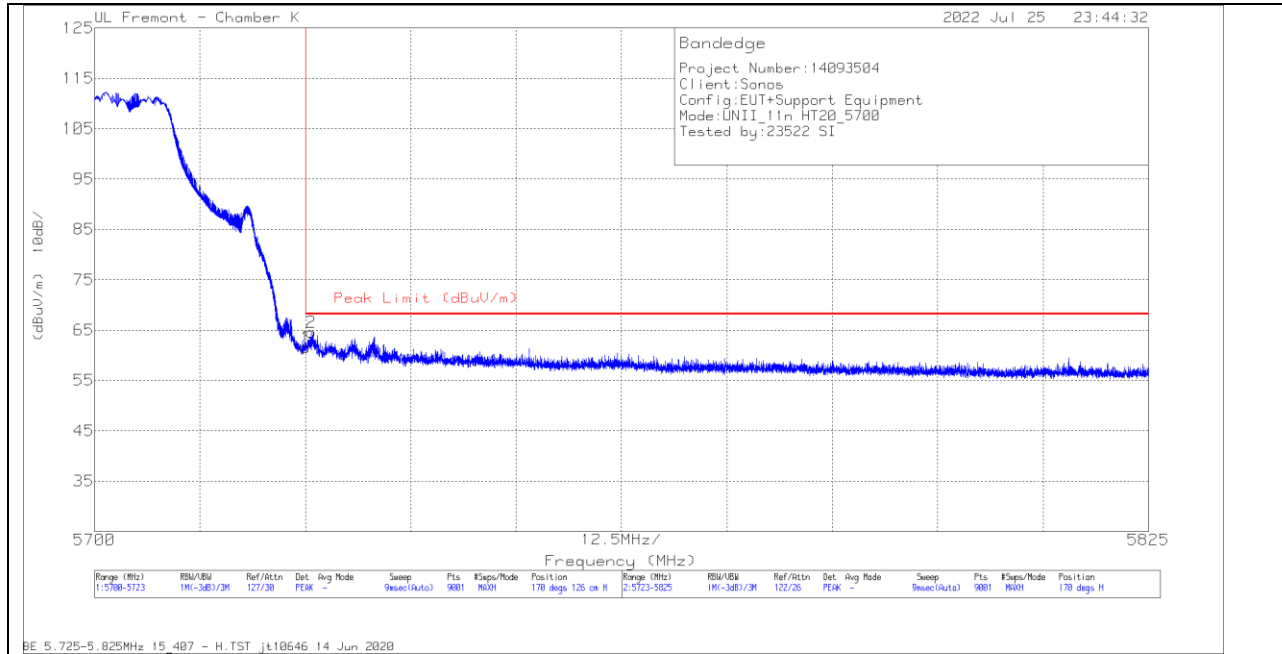
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.13	Pk	34.8	-30.6	0	59.33	-	-	68.2	-3.67	267	119	V
2	* 5456.378	57.59	Pk	34.8	-30.6	0	61.78	-	-	74	-12.21	267	119	V
3	5470	56.01	Pk	34.8	-30.6	0	60.21	-	-	68.2	-7.99	267	119	V
4	5465.983	57.24	Pk	34.8	-30.6	0	61.44	-	-	68.2	-6.76	267	119	V
5	* 5460	44.49	RMS	34.8	-30.6	1.11	49.8	54	-4.2	-	-	267	119	V
6	* 5457.525	45.24	RMS	34.8	-30.6	1.11	50.55	54	-3.45	-	-	267	119	V
7	5470	44.59	RMS	34.8	-30.6	1.11	49.9	-	-	-	-	267	119	V
8	* 5457.525	45.24	RMS	34.8	-30.6	1.11	50.55	54	-3.45	-	-	267	119	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

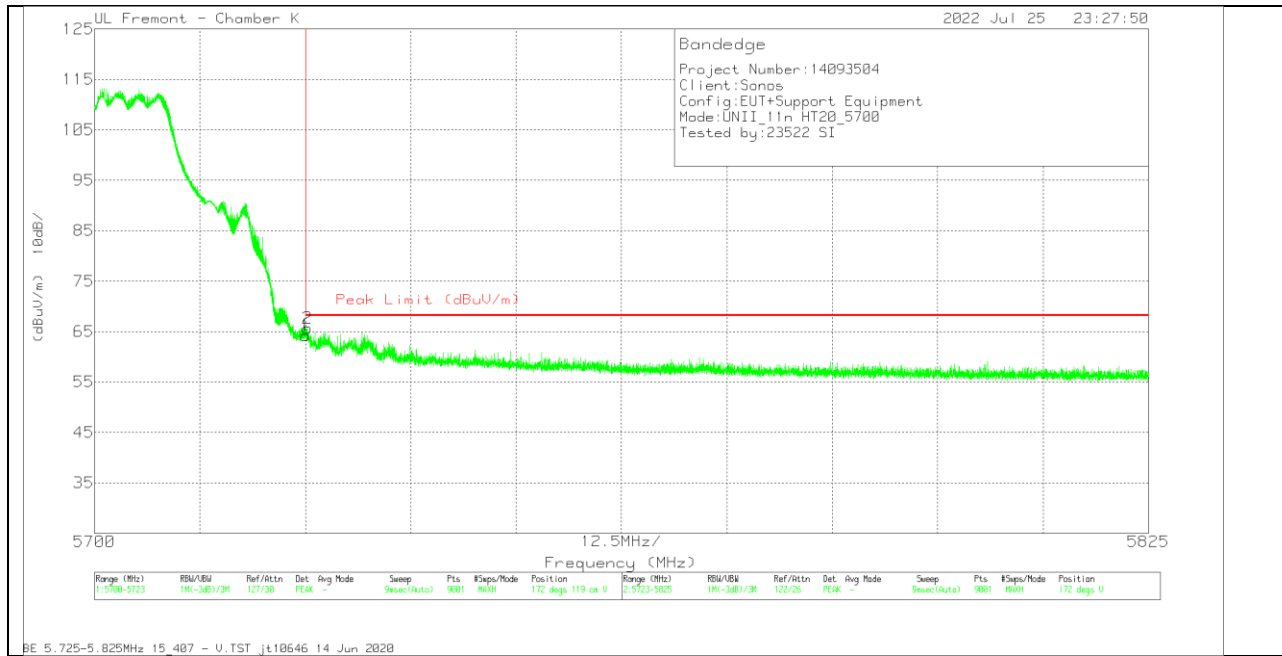


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	56.75	Pk	34.9	-30.1	0	61.55	68.2	-6.65	170	126	H
2	5725.731	59.72	Pk	34.9	-30	0	64.62	68.2	-3.58	170	126	H

Pk - Peak detector

### VERTICAL RESULT



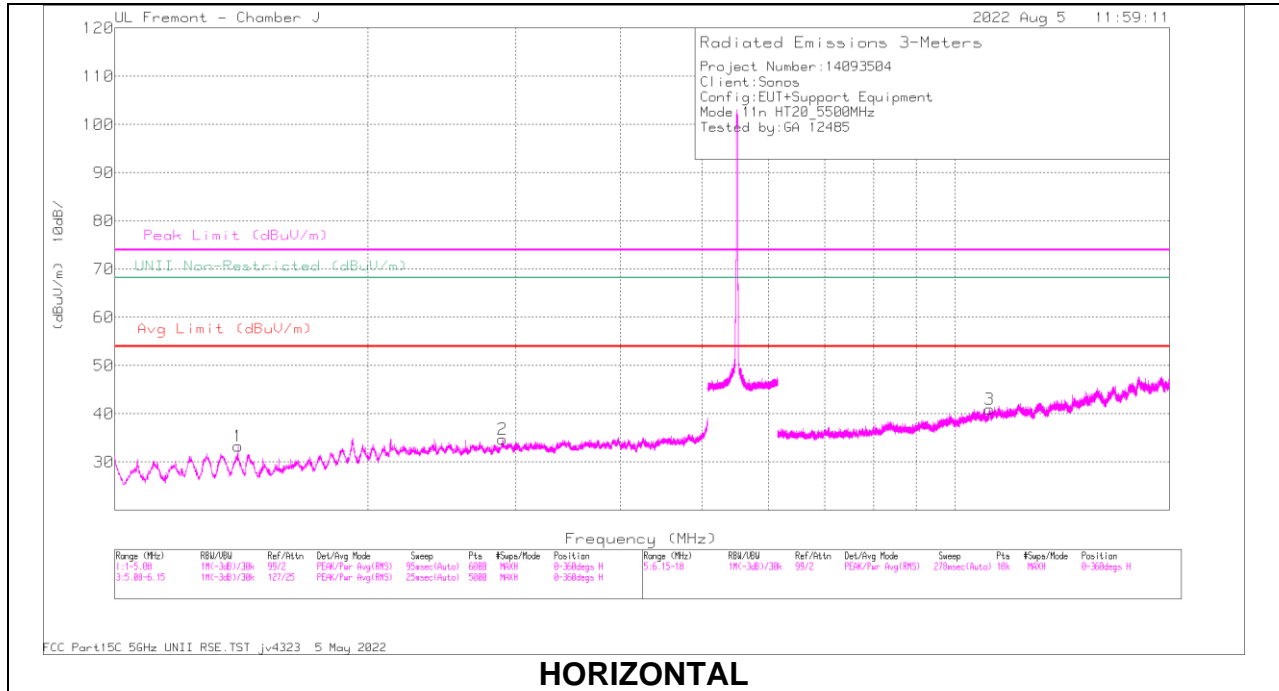
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	59.35	Pk	34.9	-30.1	0	64.15	68.2	-4.05	172	119	V
2	5725.255	60.91	Pk	34.9	-30.1	0	65.71	68.2	-2.49	172	119	V

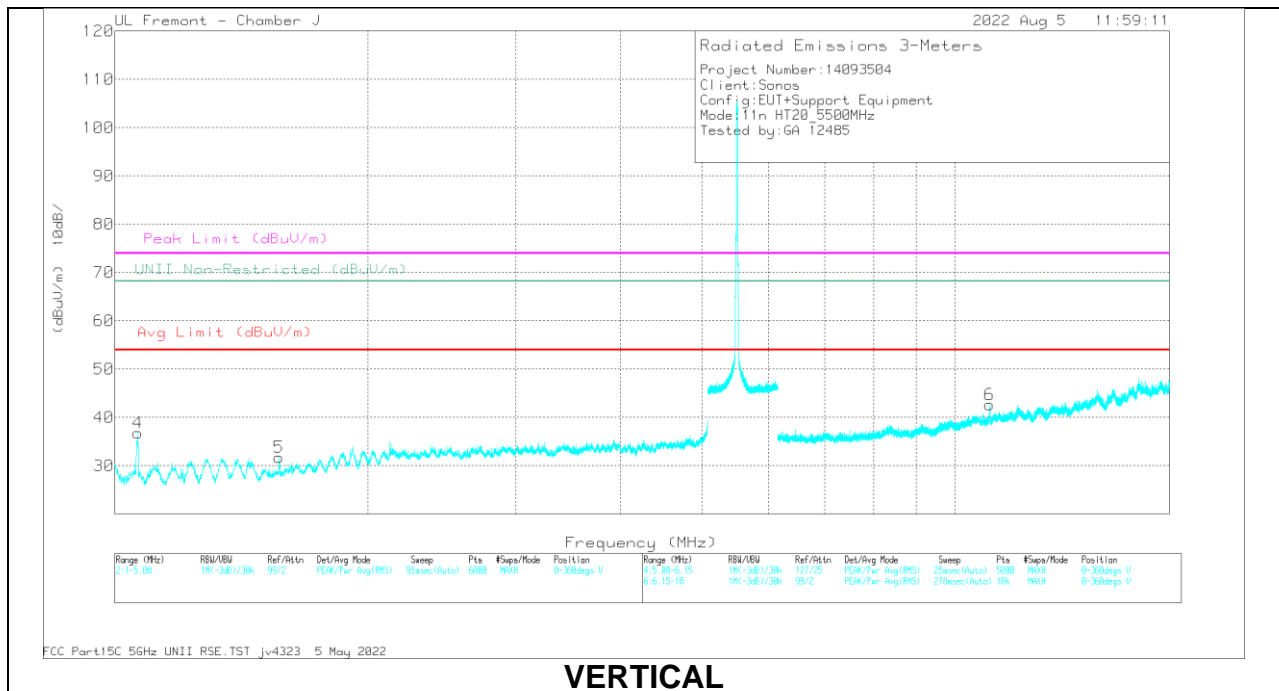
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



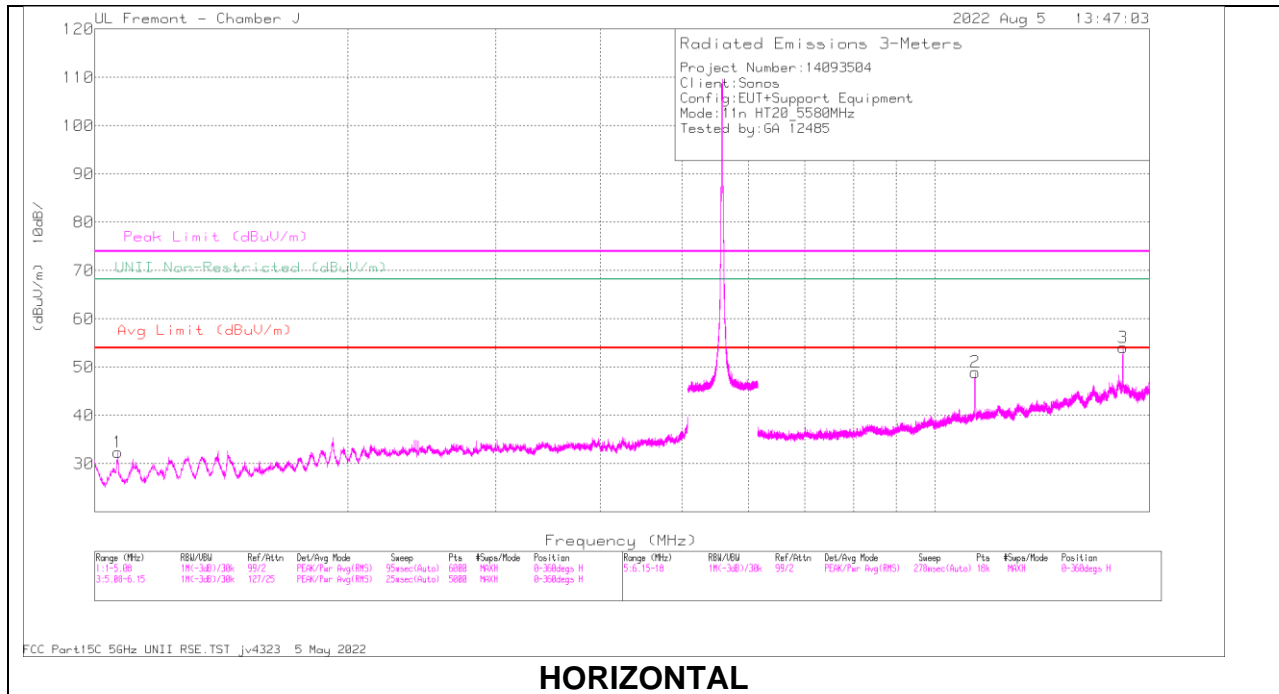
**VERTICAL**

**RADIATED EMISSIONS**

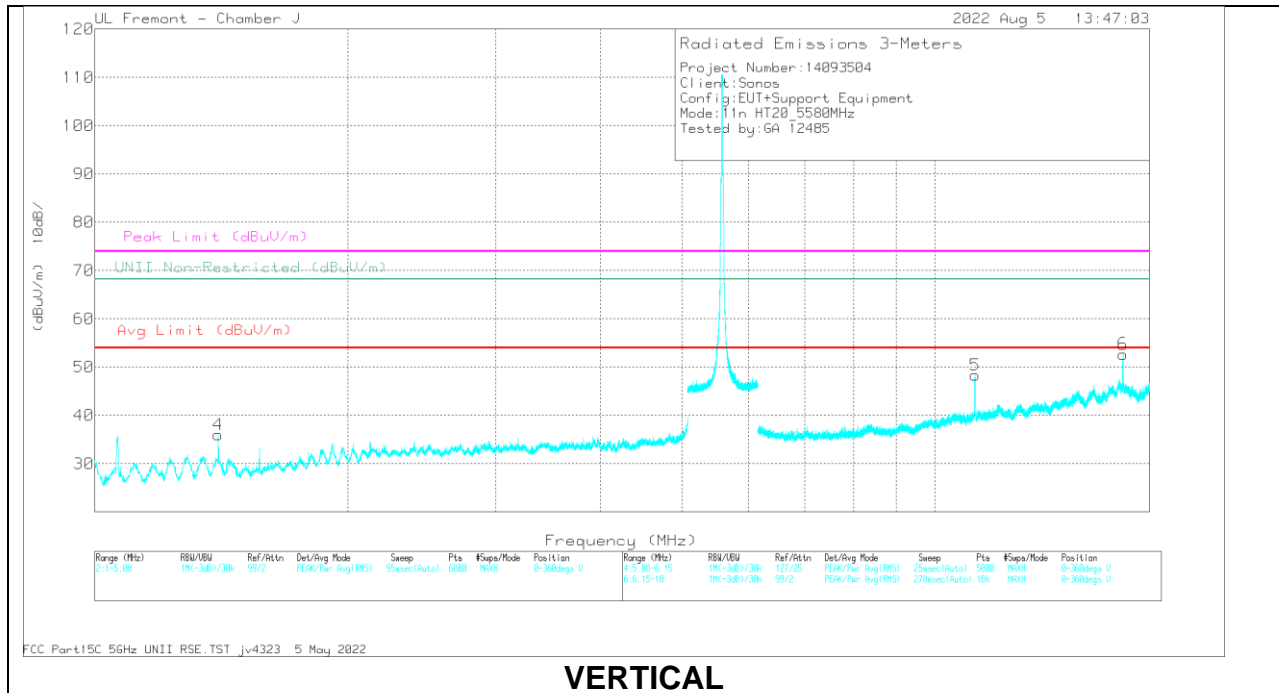
Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1402.386	64.56	PK-U	28.8	-48.7	0	44.66	-	-	74	-29.34	-	-	197	256	H
	* 1401.708	49.36	ADR	28.8	-48.7	1.11	30.57	54	-23.43	-	-	-	-	197	256	H
2	* 2895.366	59.04	PK-U	32.5	-47.7	0	43.84	-	-	74	-30.16	-	-	144	259	H
	* 2895.748	47.55	ADR	32.5	-47.7	1.11	33.46	54	-20.54	-	-	-	-	144	259	H
3	* 10993.107	57.96	PK-U	37.9	-44.3	0	51.56	-	-	74	-22.44	-	-	89	199	H
	* 10994.694	45.69	ADR	37.9	-44.3	1.11	40.4	54	-13.6	-	-	-	-	89	199	H
4	* 1062.691	70.26	PK-U	26.8	-49.3	0	47.76	-	-	74	-26.24	-	-	54	204	V
	* 1063.328	53.05	ADR	26.8	-49.2	1.11	31.78	54	-22.24	-	-	-	-	54	204	V
5	* 1571.969	67.31	PK-U	27.7	-49.1	0	45.91	-	-	74	-28.09	-	-	313	112	V
	* 1569.025	49.73	ADR	27.7	-49.1	1.11	29.44	54	-24.56	-	-	-	-	313	112	V
6	* 11000.894	60.07	PK-U	38	-44.2	0	53.87	-	-	74	-20.13	-	-	299	169	V
	* 11000.243	46.85	ADR	38	-44.2	1.11	41.76	54	-12.24	-	-	-	-	299	169	V

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

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

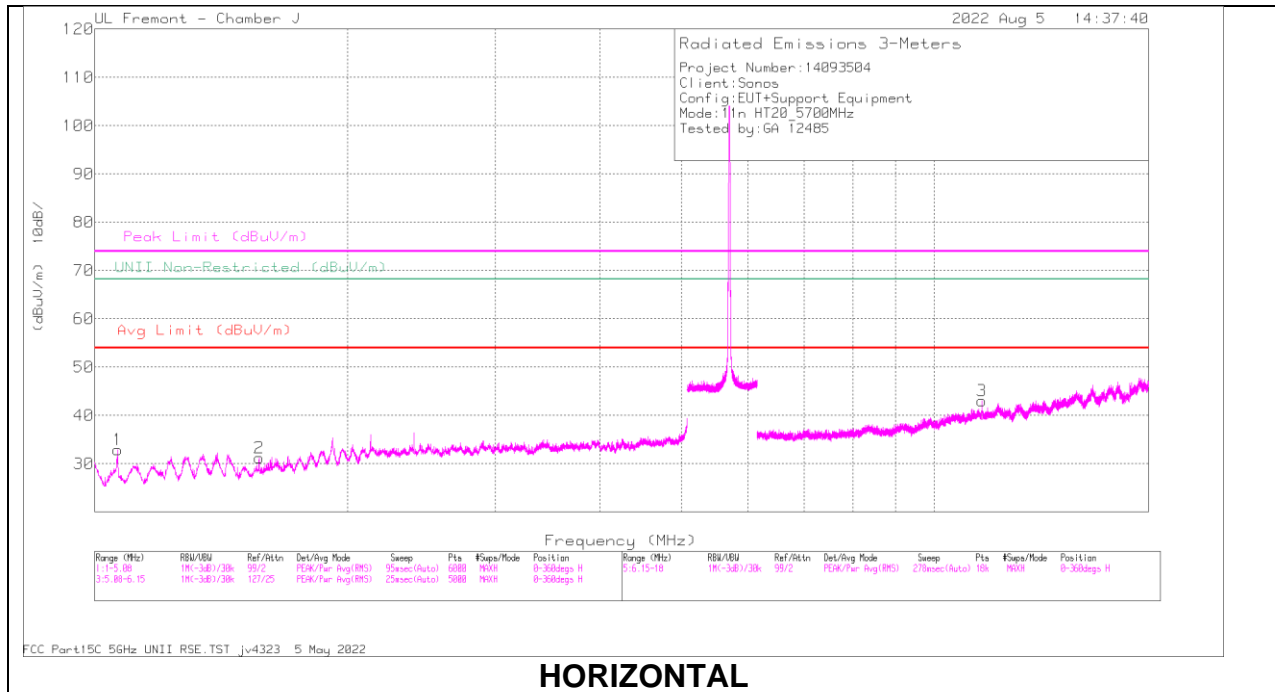
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1063.153	66.77	PK-U	26.8	-49.2	0	44.37	-	-	74	-29.63	-	-	299	246	H
	* 1063.621	52.01	ADR	26.8	-49.2	1.11	30.72	54	-23.28	-	-	-	-	299	246	H
2	* 11161.514	66.39	PK-U	38	-44.5	0	59.89	-	-	74	-14.11	-	-	334	116	H
	* 11159.172	52.4	ADR	38	-44.5	1.11	47.01	54	-6.99	-	-	-	-	334	116	H
3	16745.068	64.33	PK-U	41.5	-43.2	0	62.63	-	-	-	-	68.2	-5.57	222	101	H
	16744.179	50.91	ADR	41.5	-43.1	1.11	50.42	-	-	-	-	-	-	222	101	H
4	* 1402.342	63.24	PK-U	28.8	-48.7	0	43.34	-	-	74	-30.66	-	-	261	303	V
	* 1406.79	50.02	ADR	28.7	-48.7	1.11	31.13	54	-22.87	-	-	-	-	261	303	V
5	* 11160.343	65.17	PK-U	38	-44.4	0	58.77	-	-	74	-15.23	-	-	215	210	V
	* 11157.378	51.88	ADR	38	-44.4	1.11	46.59	54	-7.41	-	-	-	-	215	210	V
6	16744.669	62.97	PK-U	41.5	-43.1	0	61.87	-	-	-	-	68.2	-6.83	126	259	V
	16744.096	49.49	ADR	41.5	-43.1	1.11	48.99	-	-	-	-	-	-	126	259	V

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

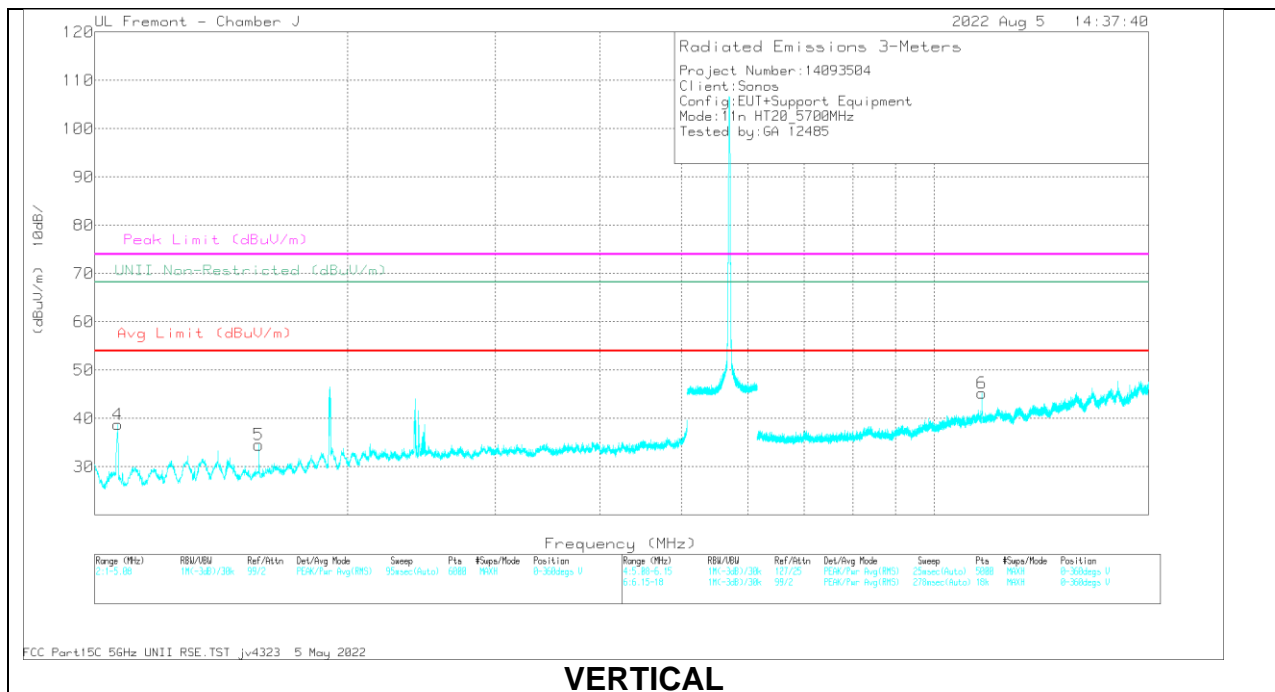
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dB/m)	Amp/Cbl/Fitr/Pad (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	* 1063.604	67.58	PK-U	26.8	-49.2	0	45.18	-	-	74	-28.82	71	208	H
	* 1063.443	52.13	ADR	26.8	-49.2	1.11	30.84	54	-23.16	-	-	71	208	H
2	* 1570.461	64.55	PK-U	27.7	-49.1	0	43.15	-	-	74	-30.85	57	320	H
	* 1568.727	48.73	ADR	27.7	-49.1	1.11	28.44	54	-25.56	-	-	57	320	H
3	* 11401.04	59.27	PK-U	38.3	-44.5	0	53.07	-	-	74	-20.93	335	239	H
	* 11399.271	46.14	ADR	38.3	-44.5	1.11	41.05	54	-12.95	-	-	335	239	H
4	* 1081.793	70.07	PK-U	26.8	-49.3	0	47.57	-	-	74	-26.43	195	222	V
	* 1062.611	54.35	ADR	26.8	-49.3	1.11	32.96	54	-21.04	-	-	195	222	V
5	* 1571.826	64.86	PK-U	27.7	-49.1	0	43.46	-	-	74	-30.54	300	103	V
	* 1571.05	48.96	ADR	27.7	-49.1	1.11	28.67	54	-25.33	-	-	300	103	V
6	* 11401.812	61.57	PK-U	38.3	-44.5	0	55.37	-	-	74	-18.63	56	117	V
	* 11398.973	47.97	ADR	38.3	-44.5	1.11	42.88	54	-11.12	-	-	56	117	V

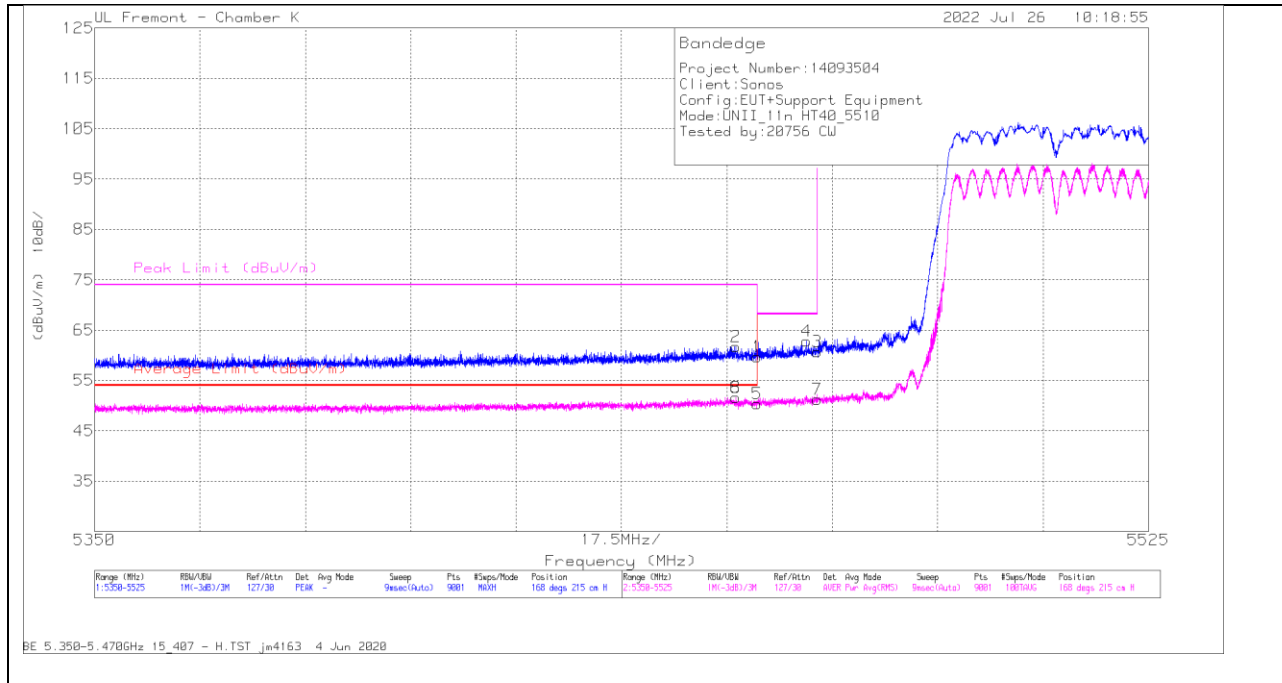
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 10.1.11. TX ABOVE 1 GHz 802.11n HT40 MODE IN THE 5.6 GHz BAND

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

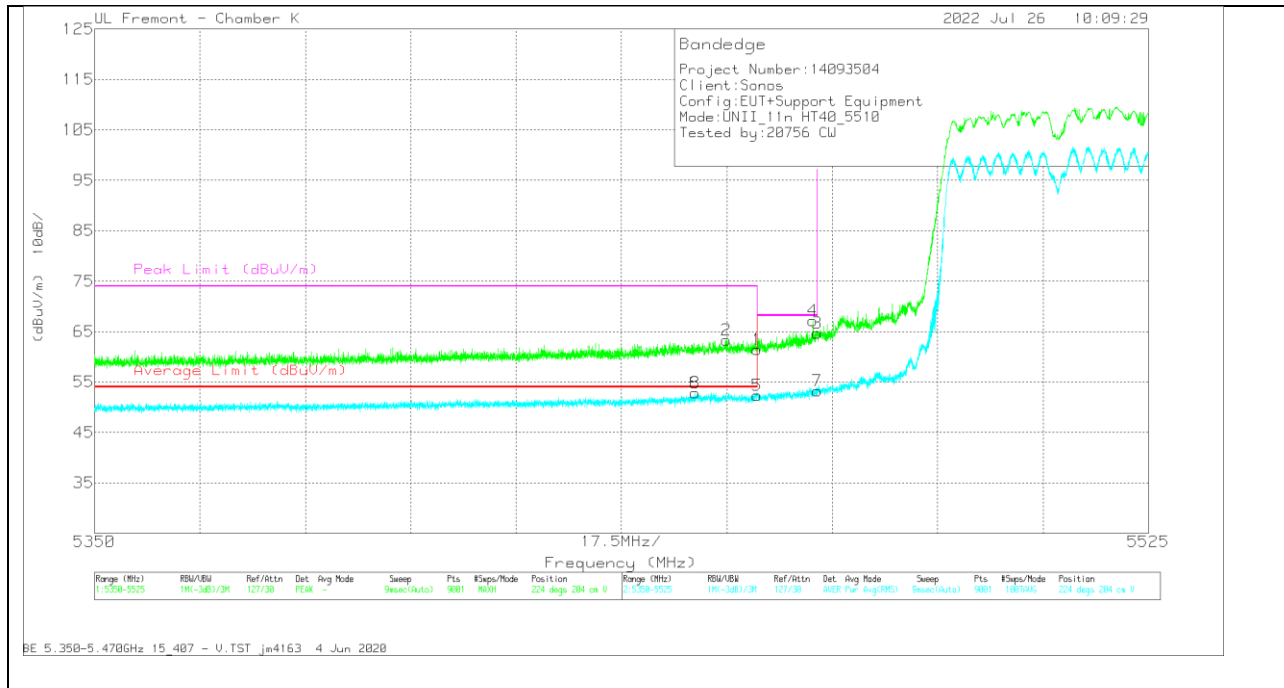
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	55.52	Pk	34.8	-30.6	0	59.72	-	-	68.2	-8.48	168	215	H
2	* 5456.475	57.56	Pk	34.8	-30.6	0	61.76	-	-	74	-12.24	168	215	H
3	5470	56.53	Pk	34.8	-30.6	0	60.73	-	-	68.2	-7.47	168	215	H
4	5468.258	58.64	Pk	34.8	-30.6	0	62.84	-	-	68.2	-5.36	168	215	H
5	* 5460	44.16	RMS	34.8	-30.6	2.07	50.43	54	-3.57	-	-	168	215	H
6	* 5456.514	45.4	RMS	34.8	-30.6	2.07	51.67	54	-2.33	-	-	168	215	H
7	5470	45.01	RMS	34.8	-30.6	2.07	51.28	-	-	-	-	168	215	H
8	* 5456.514	45.4	RMS	34.8	-30.6	2.07	51.67	54	-2.33	-	-	168	215	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



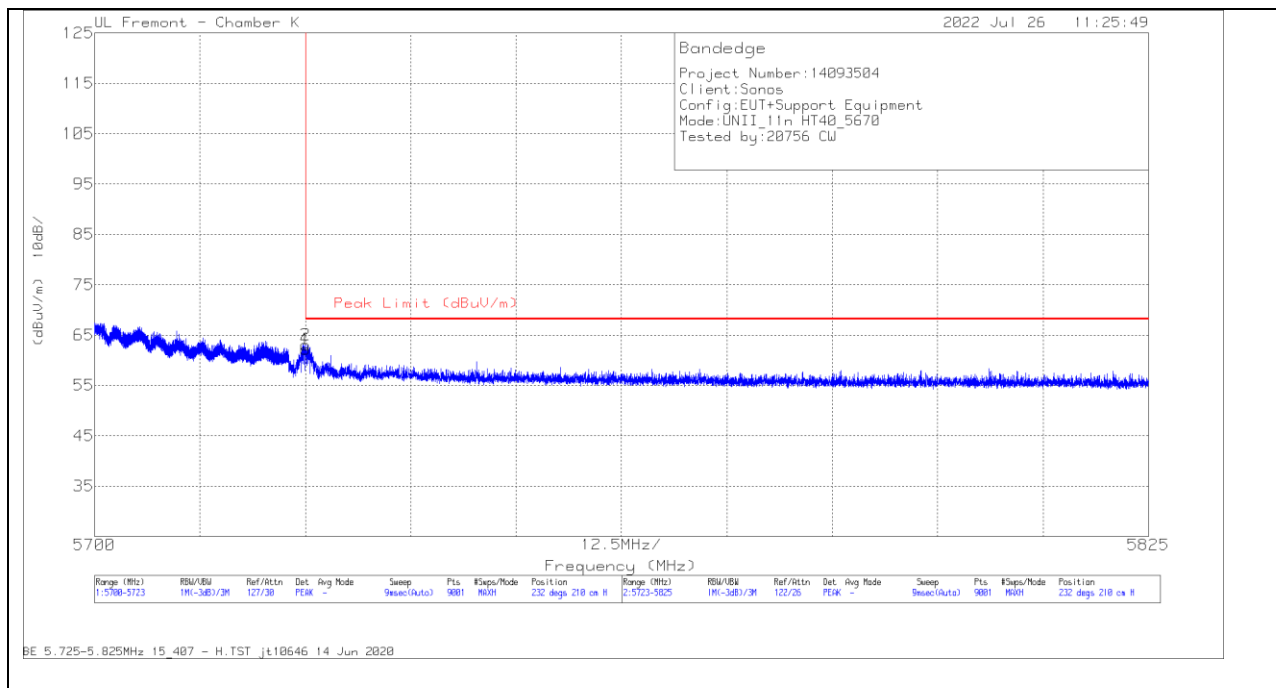
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	57.21	Pk	34.8	-30.6	0	61.41	-	-	68.2	-6.79	224	204	V
2	* 5454.959	58.92	Pk	34.9	-30.5	0	63.32	-	-	74	-10.68	224	204	V
3	5470	60.45	Pk	34.8	-30.6	0	64.65	-	-	68.2	-3.55	224	204	V
4	5469.25	62.97	Pk	34.8	-30.6	0	67.17	-	-	68.2	-1.03	224	204	V
5	* 5460	46.15	RMS	34.8	-30.6	2.07	52.42	54	-1.58	-	-	224	204	V
6	* 5449.767	46.57	RMS	34.8	-30.6	2.07	52.84	54	-1.16	-	-	224	204	V
7	5470	46.95	RMS	34.8	-30.6	2.07	53.22	-	-	-	-	224	204	V
8	* 5449.767	46.57	RMS	34.8	-30.6	2.07	52.84	54	-1.16	-	-	224	204	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

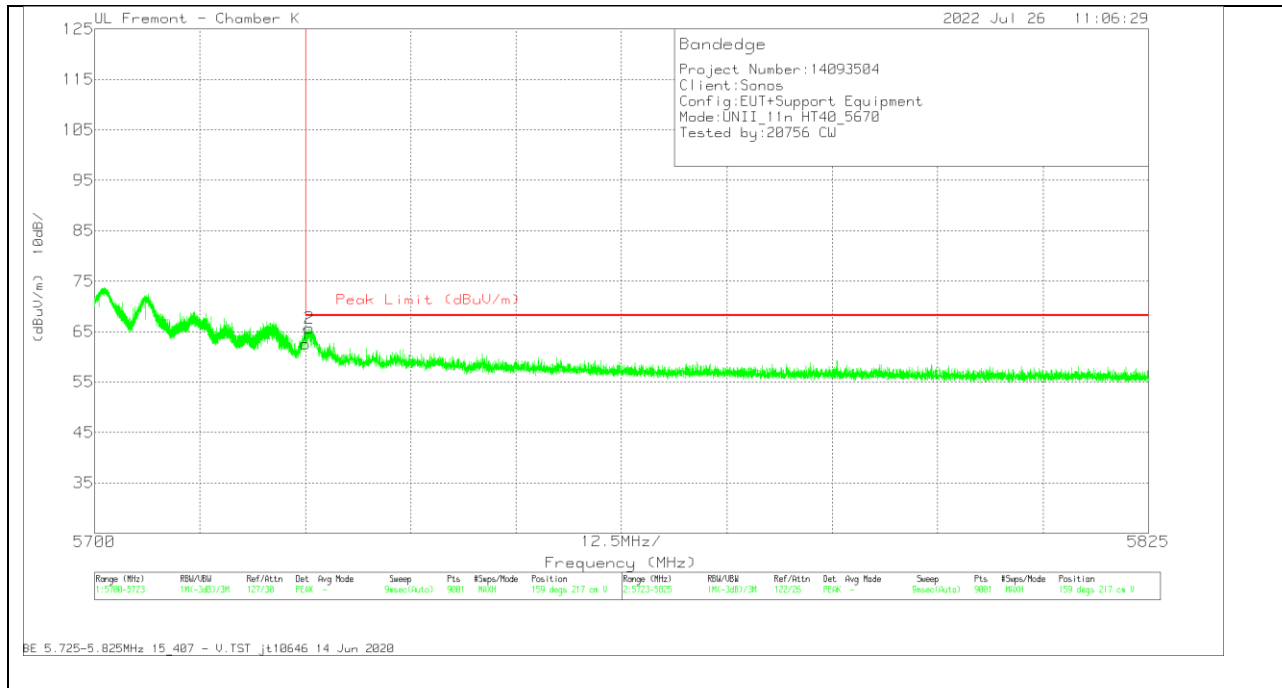


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	57.38	Pk	34.9	-30.1	62.18	68.2	-6.02	232	210	H
2	5725.006	58.22	Pk	34.9	-30.1	63.02	68.2	-5.18	232	210	H

Pk - Peak detector

### VERTICAL RESULT



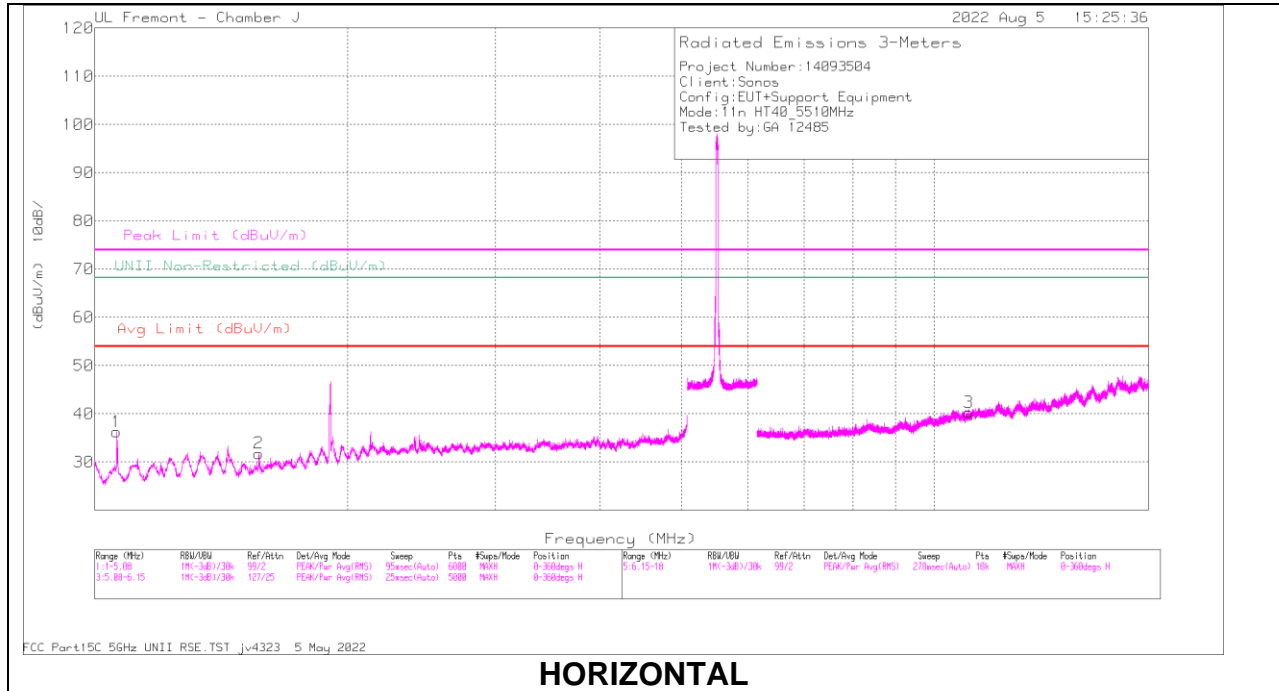
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	57.73	Pk	34.9	-30.1	62.53	68.2	-5.67	159	217	V
2	5725.471	60.87	Pk	34.9	-30.1	65.67	68.2	-2.53	159	217	V

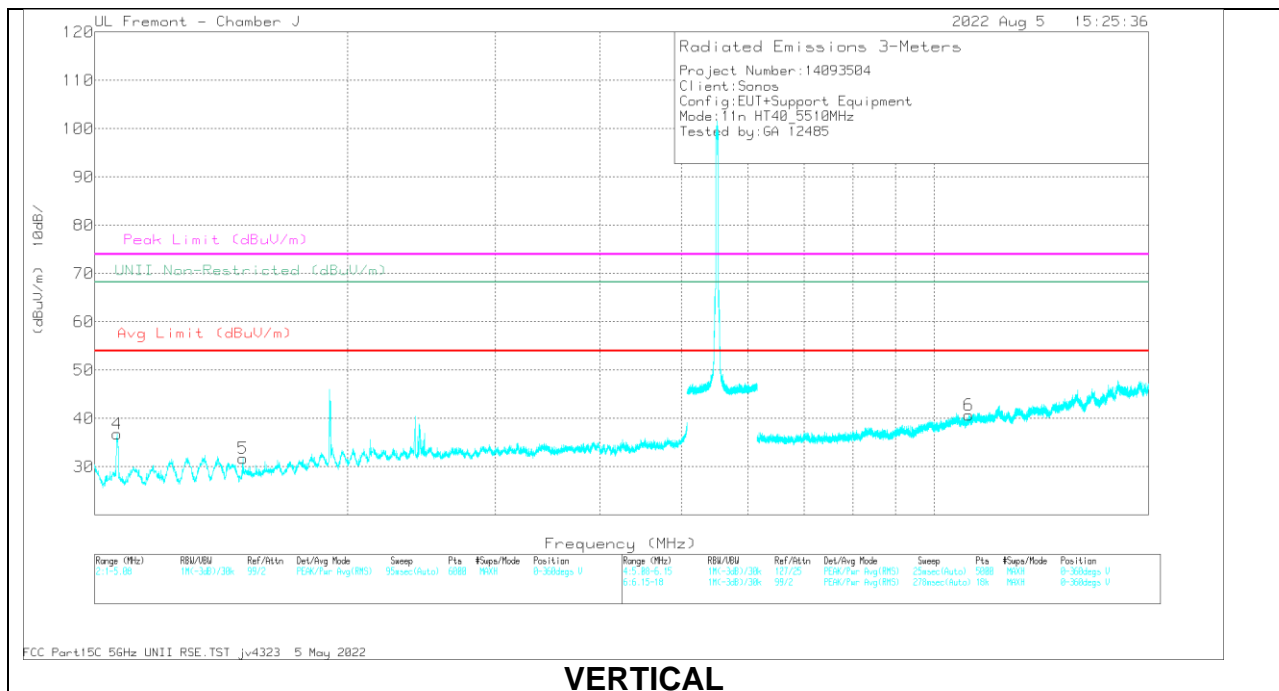
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

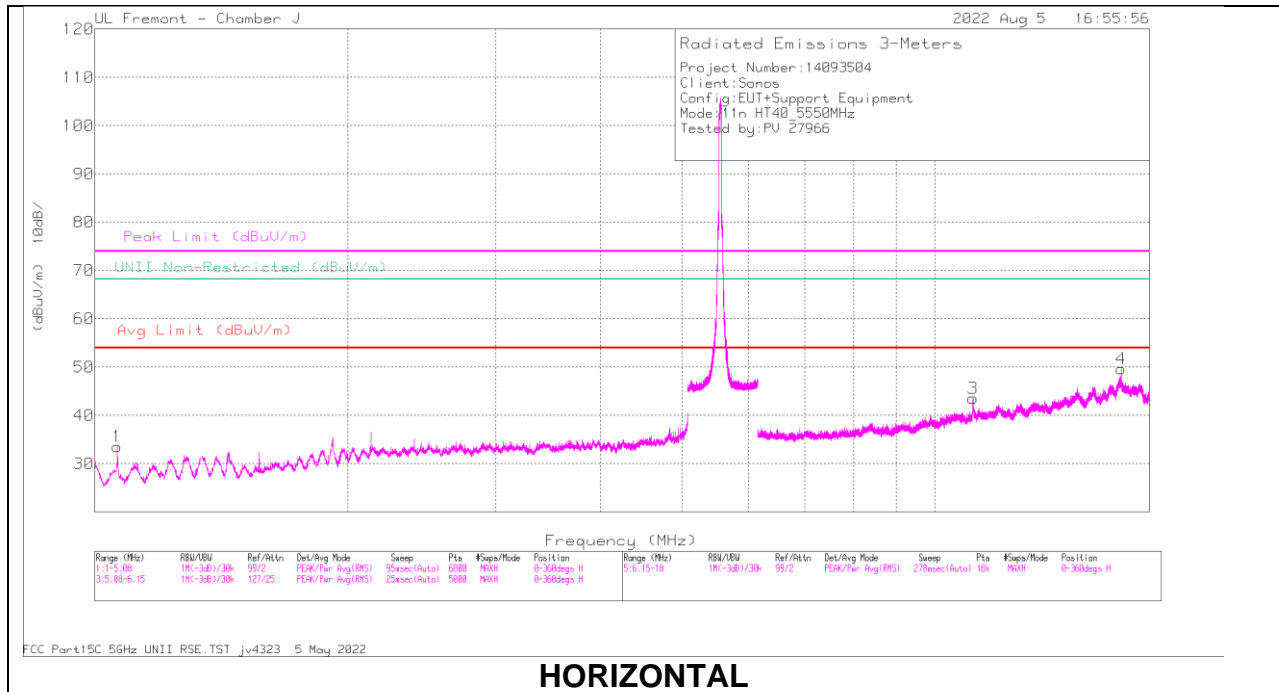
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1062.256	68.66	PK-U	26.8	-49.3	0	46.16	-	-	74	-27.84	-	-	299	196	H
	* 1062.955	51.88	ADR	26.8	-49.2	2.07	31.55	54	-22.45	-	-	-	-	299	196	H
2	* 1570.498	63.66	PK-U	27.7	-49.1	0	42.26	-	-	74	-31.74	-	-	63	245	H
	* 1565.141	48.66	ADR	27.7	-49.1	2.07	29.53	54	-24.67	-	-	-	-	63	245	H
3	* 11006.605	55.6	PK-U	37.9	-44.5	0	49	-	-	74	-25	-	-	306	336	H
	* 11010.087	43.83	ADR	37.9	-44.5	2.07	39.3	54	-14.7	-	-	-	-	306	336	H
4	* 1064.493	72.07	PK-U	26.9	-49.1	0	49.87	-	-	74	-24.13	-	-	179	108	V
	* 1064.348	57.09	ADR	26.9	-49.2	2.07	36.76	54	-17.24	-	-	-	-	179	108	V
5	* 1497.747	57.87	PK-U	28.1	-48.8	0	37.17	-	-	74	-36.83	-	-	296	287	V
	* 1499.929	45.62	ADR	28.1	-48.8	2.07	26.99	54	-27.01	-	-	-	-	296	287	V
6	* 11001.53	56.2	PK-U	37.9	-44.2	0	49.9	-	-	74	-24.1	-	-	322	238	V
	* 10995.635	44.06	ADR	37.9	-44.3	2.07	39.73	54	-14.27	-	-	-	-	322	238	V

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

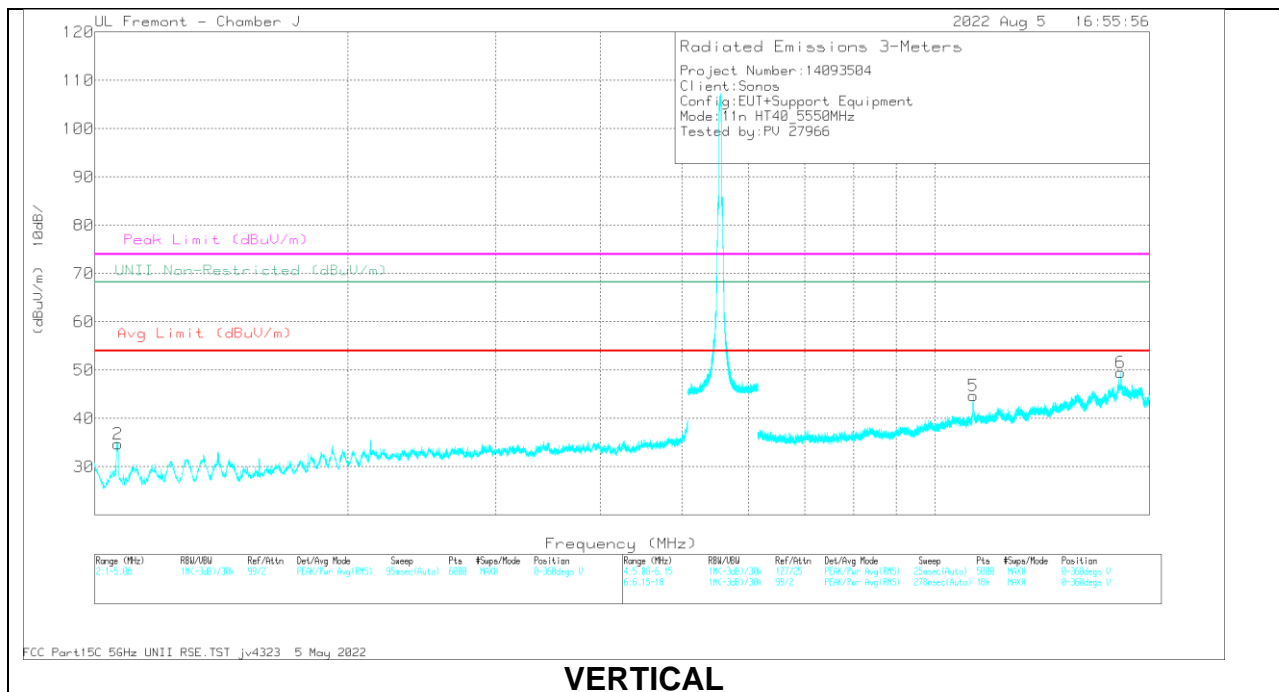
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### MID CHANNEL RESULTS



**HORIZONTAL**



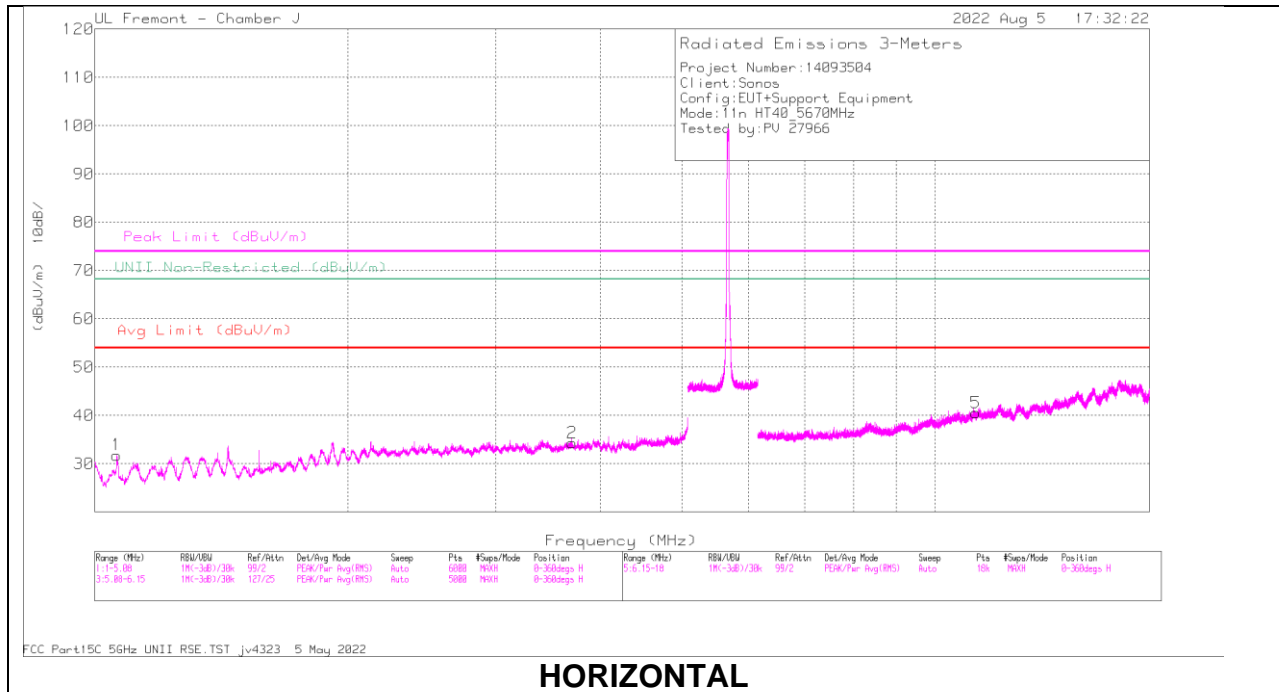
**VERTICAL**

**RADIATED EMISSIONS**

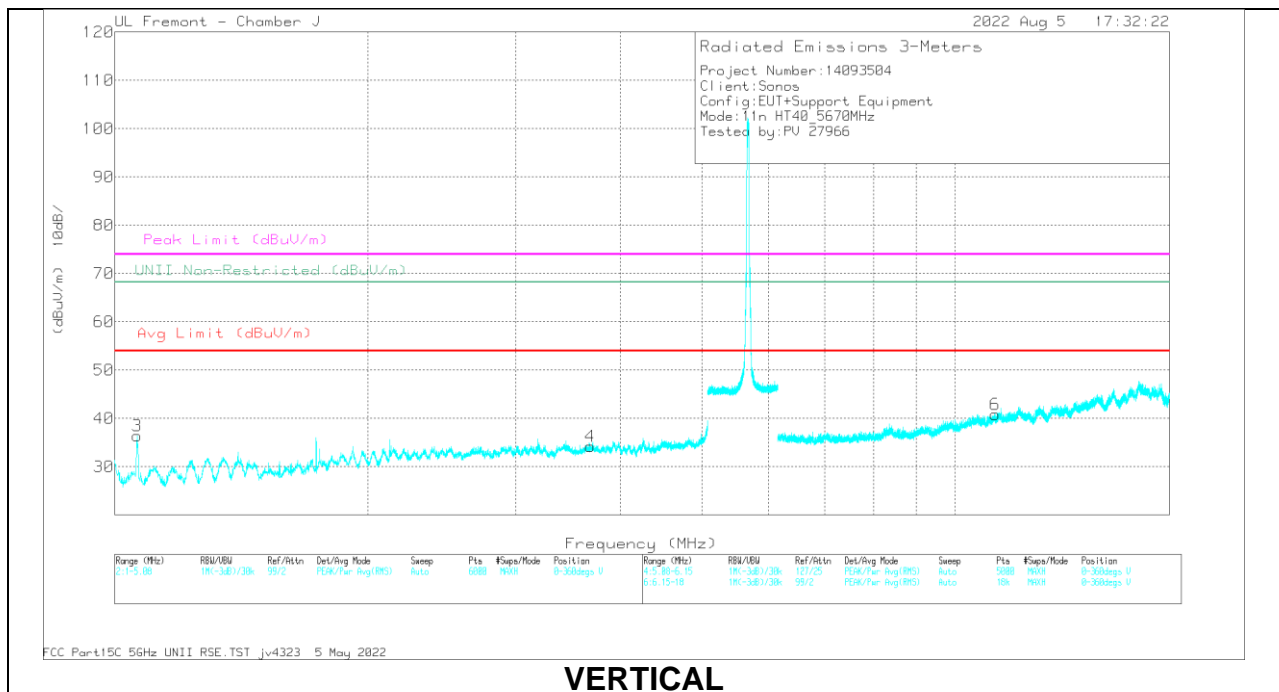
Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Ftr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1064.055	67.8	PK-U	26.8	-49.2	0	45.4	-	-	74	-28.6	-	-	72	201	H
	* 1062.56	52.11	ADR	26.8	-49.3	2.07	31.68	54	-22.32	-	-	-	-	72	201	H
2	* 1064.281	72.73	PK-U	26.8	-49.2	0	50.33	-	-	74	-23.67	-	-	181	104	V
	* 1064.448	56.48	ADR	26.8	-49.1	2.07	36.35	54	-17.65	-	-	-	-	181	104	V
3	* 11099.794	62.78	PK-U	37.9	-44.8	0	55.88	-	-	74	-18.12	-	-	336	165	H
	* 11099.403	48.55	ADR	37.9	-44.8	2.07	43.72	54	-10.28	-	-	-	-	336	165	H
4	16696.901	60.26	PK-U	41.5	-42.8	0	58.98	-	-	-	-	68.2	-8.22	115	206	H
5	* 11100.96	62.62	PK-U	37.9	-45.8	0	55.72	-	-	74	-18.28	-	-	286	200	V
	* 11099.074	49.55	ADR	37.9	-44.8	2.07	44.72	54	-9.28	-	-	-	-	286	200	V
6	16639.142	59.45	PK-U	41.5	-42.7	0	58.25	-	-	-	-	68.2	-9.95	109	203	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

### RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBµV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBµV/m)	Avg Limit (dBµV/m)	Margin (dB)	Peak Limit (dBµV/m)	PK Margin (dB)	UNII Non-Restricted (dBµV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1063.021	67.36	PK-U	26.8	-49.2	0	44.96	-	-	74	-29.04	-	-	304	194	H
	* 1063.876	51.74	ADR	26.8	-49.2	2.07	31.41	54	-22.59	-	-	-	-	304	194	H
2	* 3703.428	57.48	PK-U	33.3	-46.9	0	43.88	-	-	74	-30.12	-	-	26	223	H
	* 3703.735	46.92	ADR	33.3	-46.9	2.07	34.39	54	-19.61	-	-	-	-	26	223	H
3	* 1061.956	71.83	PK-U	26.8	-49.3	0	49.33	-	-	74	-24.67	-	-	178	108	V
	* 1063.598	56.82	ADR	26.8	-49.2	2.07	36.49	54	-17.51	-	-	-	-	178	108	V
4	* 3691.844	59.37	PK-U	33.2	-47	0	44.57	-	-	74	-29.43	-	-	30	366	V
	* 3691.794	46.51	ADR	33.2	-47	2.07	34.78	54	-18.22	-	-	-	-	30	366	V
5	* 11180.124	55.68	PK-U	38	-44.4	0	49.28	-	-	74	-24.72	-	-	57	379	H
	* 11180.663	44.01	ADR	38	-44.4	2.07	39.68	54	-14.32	-	-	-	-	57	379	H
6	* 11162.61	56.48	PK-U	38	-44.5	0	49.98	-	-	74	-24.02	-	-	55	261	V
	* 11160.716	44.56	ADR	38	-44.4	2.07	40.23	54	-13.77	-	-	-	-	55	261	V

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

PK-U - U-NII: Maximum Peak

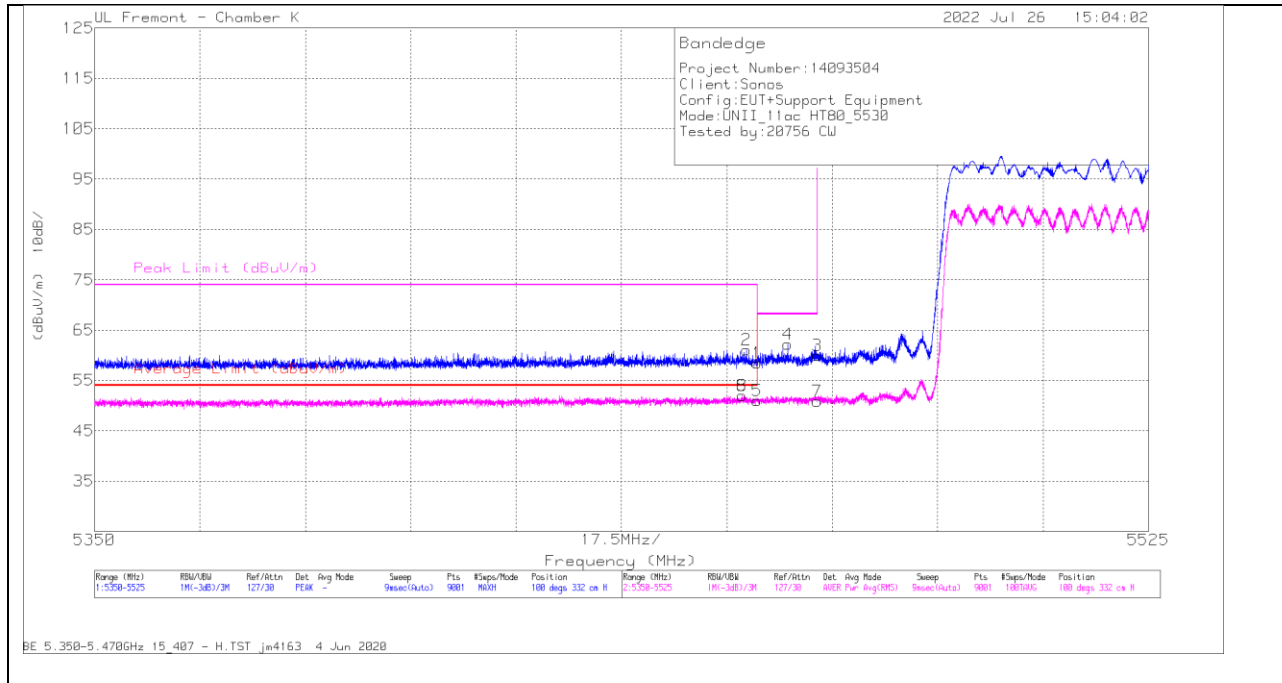
ADR - U-NII AD primary method, RMS average

### 10.1.12. TX ABOVE 1 GHz 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

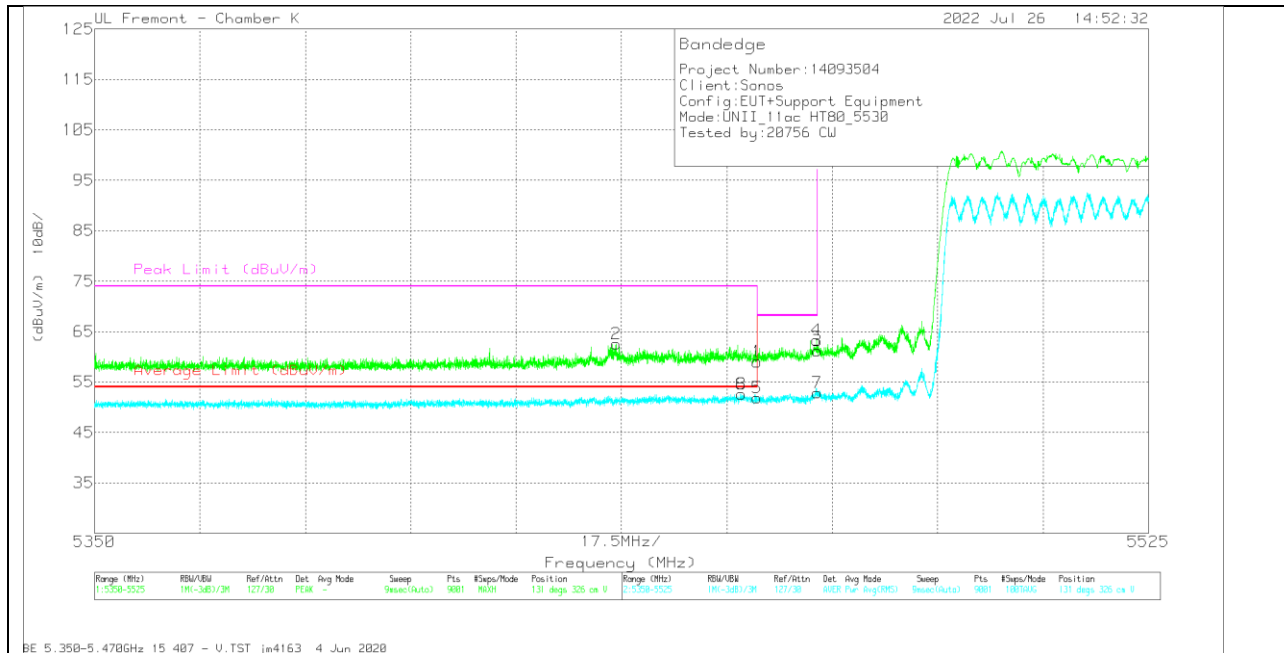
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.23	Pk	34.8	-30.6	0	58.43	-	-	68.2	-9.77	100	332	H
2	* 5458.245	56.84	Pk	34.8	-30.6	0	61.04	-	-	74	-12.96	100	332	H
3	5470	55.76	Pk	34.8	-30.6	0	59.96	-	-	68.2	-8.24	100	332	H
4	5465.089	57.9	Pk	34.8	-30.5	0	62.2	-	-	68.2	-6	100	332	H
5	* 5460	43.44	RMS	34.8	-30.6	3.36	51	54	-3	-	-	100	332	H
6	* 5457.564	44.48	RMS	34.8	-30.6	3.36	52.04	54	-1.96	-	-	100	332	H
7	5470	43.33	RMS	34.8	-30.6	3.36	50.89	-	-	-	-	100	332	H
8	* 5457.564	44.48	RMS	34.8	-30.6	3.36	52.04	54	-1.96	-	-	100	332	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 (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.83	Pk	34.8	-30.6	0	59.03	-	-	68.2	-9.17	131	326	V
2	* 5436.584	58.48	Pk	34.7	-30.6	0	62.58	-	-	74	-11.42	131	326	V
3	5470	57.07	Pk	34.8	-30.6	0	61.27	-	-	68.2	-6.93	131	326	V
4	5469.892	59.11	Pk	34.8	-30.6	0	63.31	-	-	68.2	-4.89	131	326	V
5	* 5460	44.27	RMS	34.8	-30.6	3.36	51.83	54	-2.17	-	-	131	326	V
6	* 5457.37	45.09	RMS	34.8	-30.6	3.36	52.65	54	-1.35	-	-	131	326	V
7	5470	45.32	RMS	34.8	-30.6	3.36	52.88	-	-	-	-	131	326	V
8	* 5457.37	45.09	RMS	34.8	-30.6	3.36	52.65	54	-1.35	-	-	131	326	V

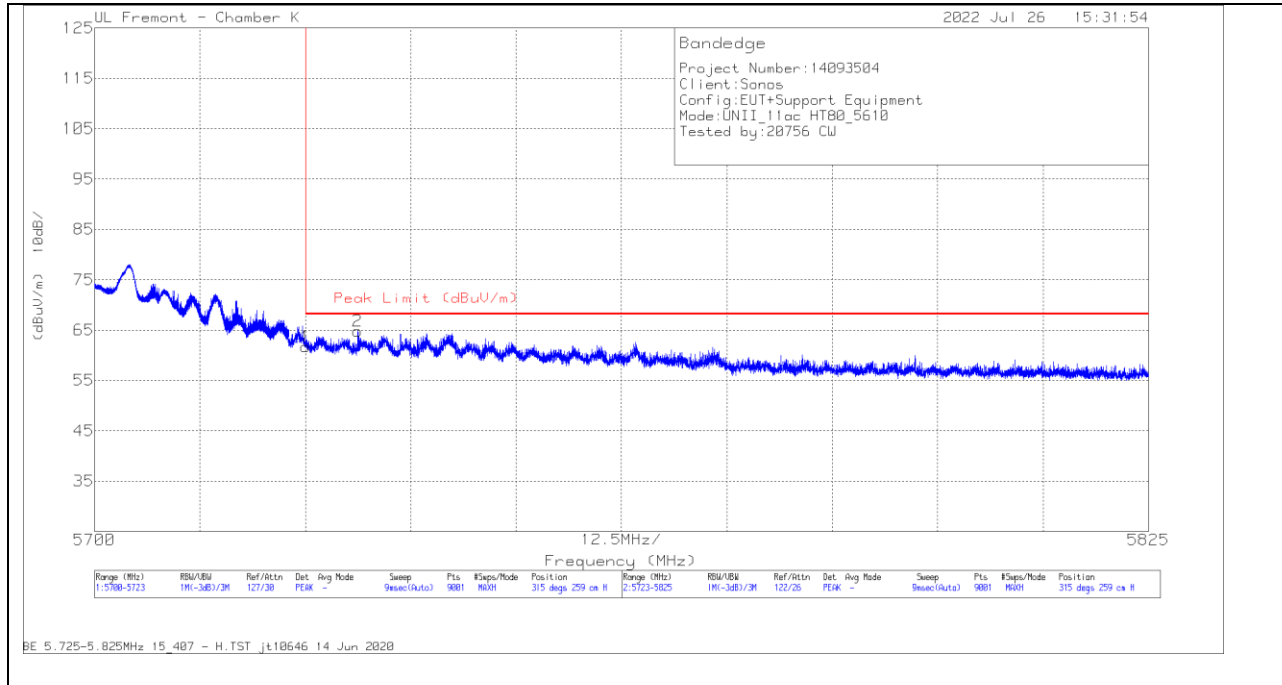
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



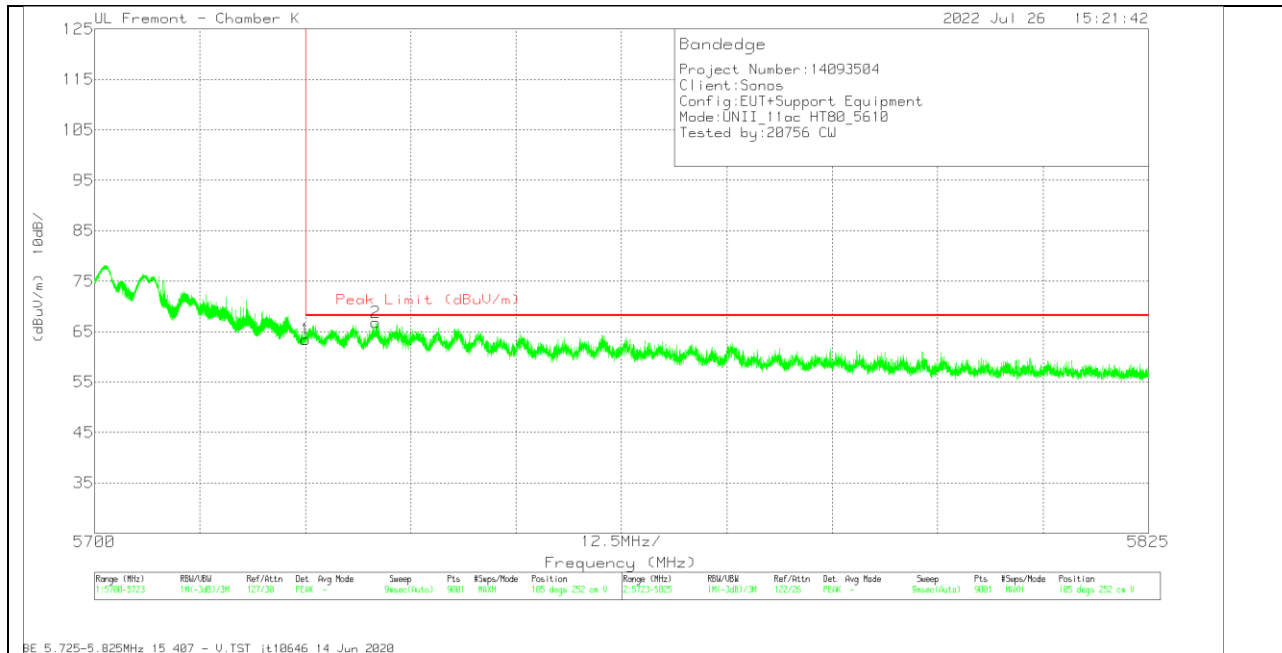
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cb/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	56.9	Pk	34.9	-30.1	61.7	68.2	-6.5	315	259	H
2	5731.228	59.97	Pk	34.9	-30.1	64.77	68.2	-3.43	315	259	H

Pk - Peak detector



### VERTICAL RESULT



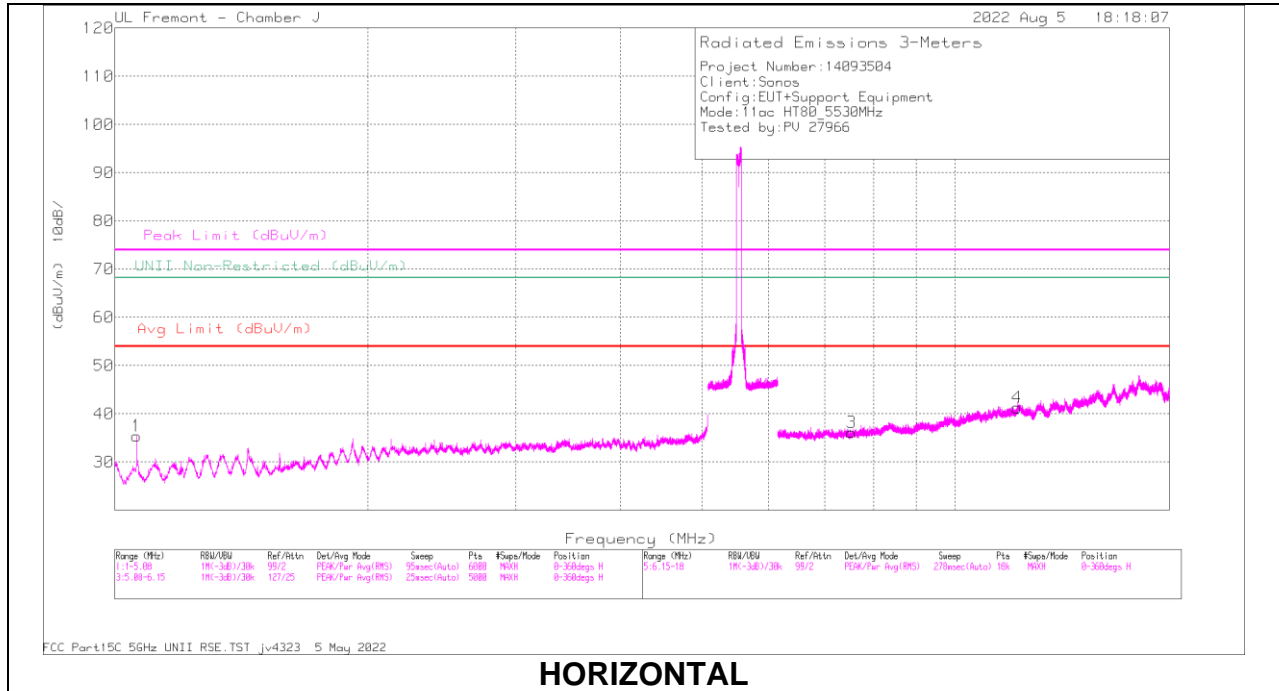
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	58.66	Pk	34.9	-30.1	63.46	68.2	-4.74	105	252	V
2	5733.381	61.91	Pk	34.9	-30	66.81	68.2	-1.39	105	252	V

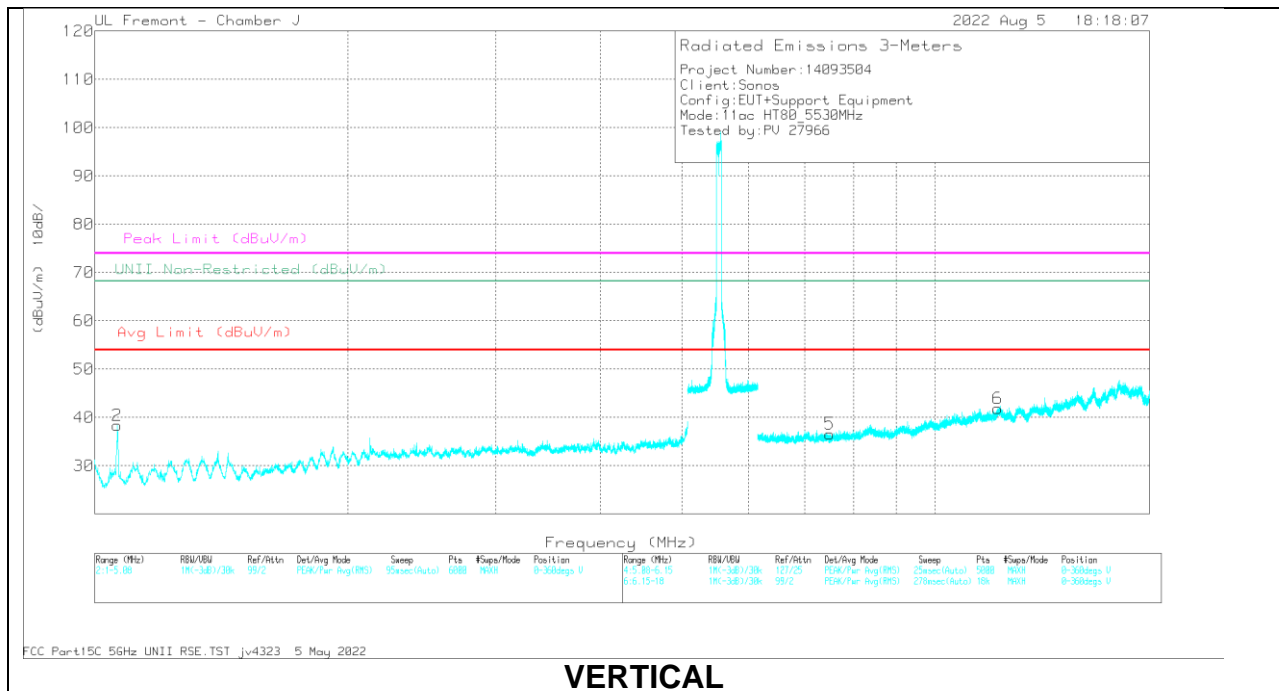
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



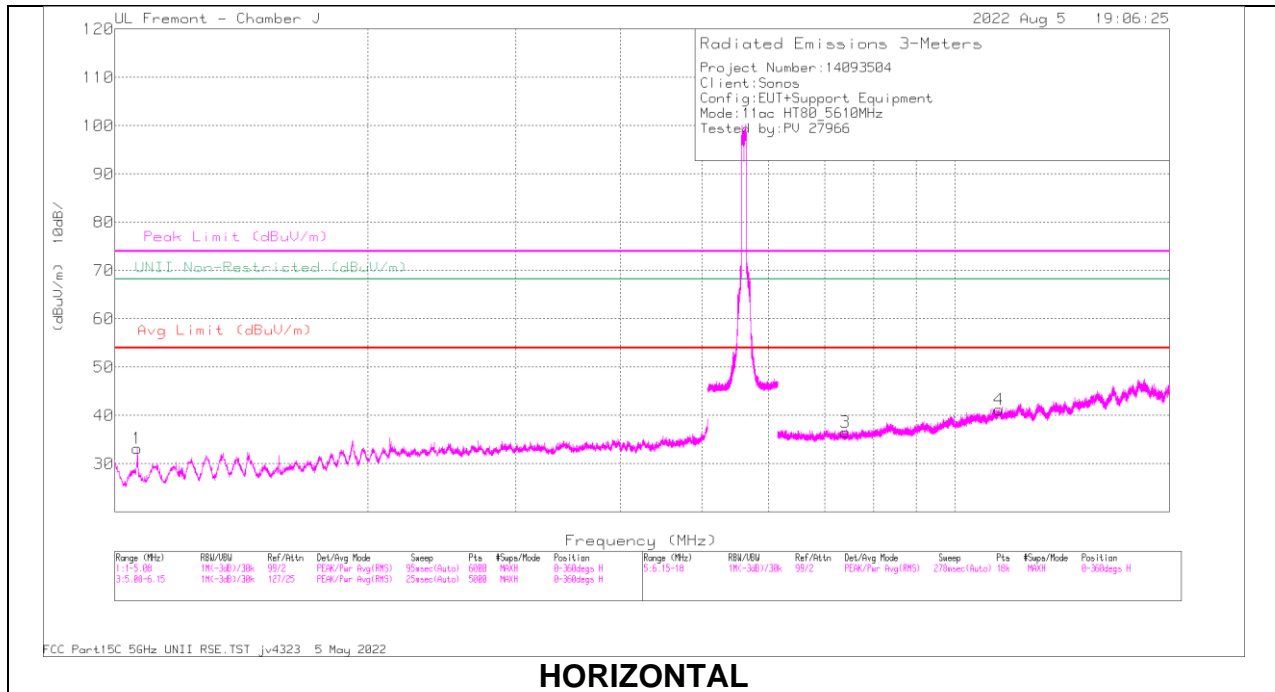
**VERTICAL**

**RADIATED EMISSIONS**

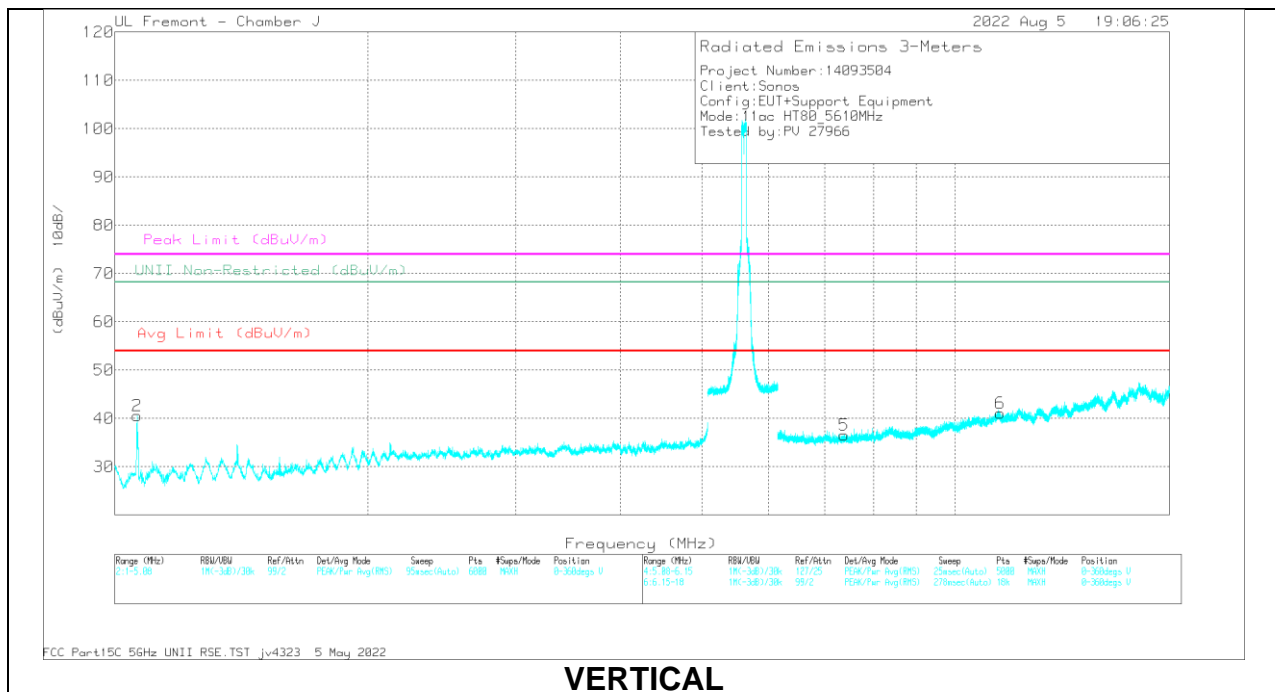
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1063.481	67.4	PK-U	26.8	-49.2	0	45	-	-	74	-29	-	-	73	207	H
	* 1063.748	51.68	ADR	26.8	-49.2	3.36	32.64	54	-21.36	-	-	-	-	73	207	H
2	* 1063.704	69.47	PK-U	26.8	-49.3	0	46.97	-	-	74	-27.03	-	-	54	217	V
	* 1063.357	53.79	ADR	26.8	-49.2	3.36	34.75	54	-19.25	-	-	-	-	54	217	V
3	* 7531.609	55.94	PK-U	35.7	-45.9	0	45.74	-	-	74	-28.26	-	-	181	135	H
	* 7528.971	44.09	ADR	35.8	-45.9	3.36	37.35	54	-16.65	-	-	-	-	181	135	H
4	* 11853.677	55.97	PK-U	38.6	-43.6	0	50.97	-	-	74	-23.43	-	-	272	212	H
	* 11852.53	43.91	ADR	38.6	-43.6	3.36	42.27	54	-11.73	-	-	-	-	272	212	H
5	* 7491.18	56.13	PK-U	35.7	-45.8	0	46.03	-	-	74	-27.97	-	-	250	187	V
	* 7491.22	44.08	ADR	35.7	-45.8	3.36	37.34	54	-16.66	-	-	-	-	250	187	V
6	* 11884.102	55.98	PK-U	38.7	-43.5	0	50.78	-	-	74	-23.22	-	-	327	219	V
	* 11884.657	43.76	ADR	38.7	-43.5	3.36	42.32	54	-11.68	-	-	-	-	327	219	V

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

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 206806 (dBm)	Amp/Cbl/Fitr/Pa d (dB)	DC Corr (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	* 1064.87	67.38	PK-U	26.9	-49.1	0	45.18	-	-	74	-28.82	-	-	74	204	H
	* 1064.202	51.64	ADR	26.8	-49.2	3.36	32.6	54	-21.4	-	-	-	-	74	204	H
2	* 1062.623	71.42	PK-U	26.8	-49.3	0	48.92	-	-	74	-25.08	-	-	187	102	V
	* 1063.396	56.11	ADR	26.8	-49.2	3.36	36.07	54	-17.93	-	-	-	-	187	102	V
3	* 7407.732	56.48	PK-U	35.7	-45.9	0	46.28	-	-	74	-27.72	-	-	17	128	H
	* 7405.467	44.52	ADR	35.7	-45.9	3.36	37.68	54	-16.32	-	-	-	-	17	128	H
4	* 11283.71	56.27	PK-U	38.1	-43.9	0	50.47	-	-	74	-23.53	-	-	6	167	H
	* 11283.723	44.23	ADR	38.1	-43.8	3.36	41.89	54	-12.11	-	-	-	-	6	167	H
5	* 7378.114	56.43	PK-U	35.7	-45.8	0	46.33	-	-	74	-27.67	-	-	63	179	V
	* 7378.509	44.15	ADR	35.7	-45.8	3.36	37.41	54	-16.59	-	-	-	-	63	179	V
6	* 11326.589	55.7	PK-U	38.1	-43.9	0	49.9	-	-	74	-24.1	-	-	138	400	V
	* 11328.161	44.12	ADR	38.1	-43.9	3.36	41.68	54	-12.32	-	-	-	-	138	400	V

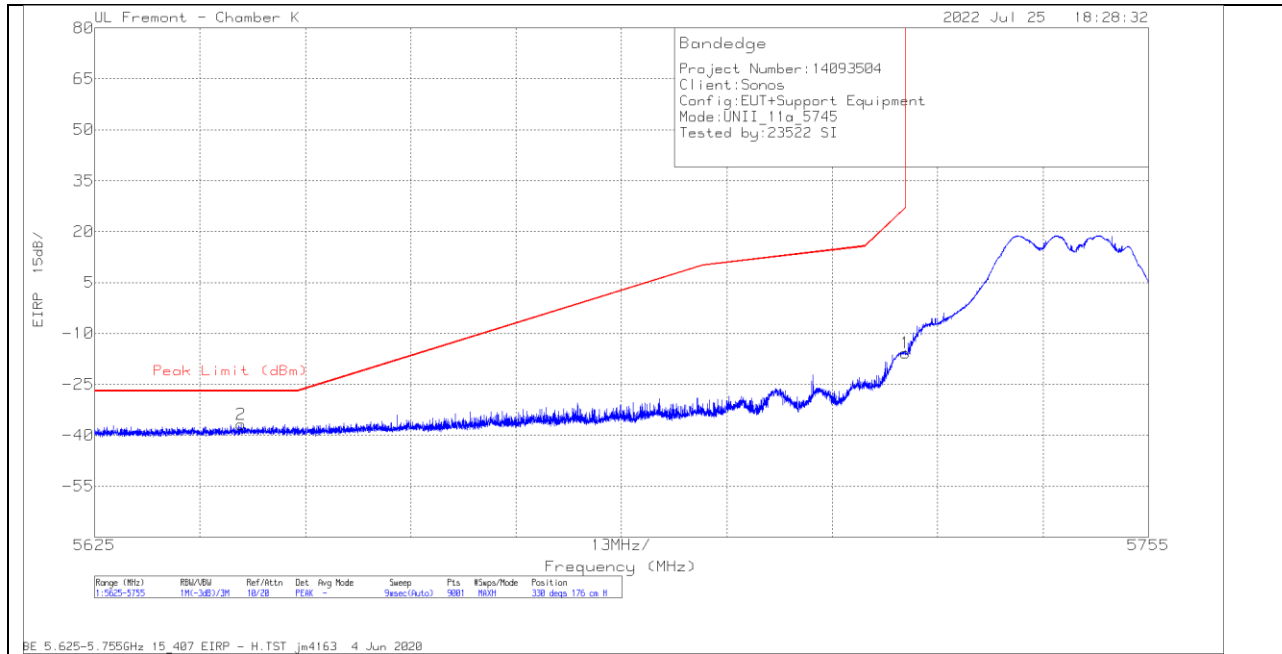
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

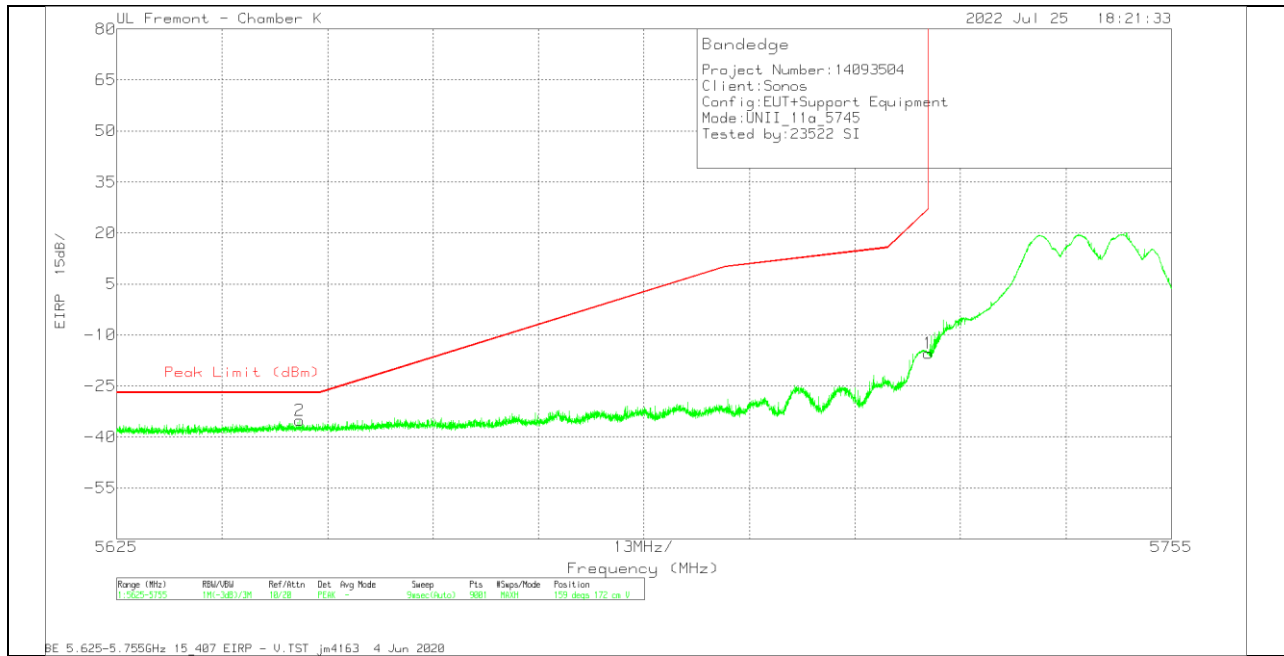


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	AF 80404 (dB/m)	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)
1	5725	-32.29	Pk	34.9	-30.1	11.8	0	-15.69	27	-42.69	330	176
2	5643.069	-53.14	Pk	34.8	-30.2	11.8	0	-36.74	-27	-9.74	330	176

Pk - Peak detector

### 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)	Azimuth (Degs)	Height (cm)
1	5725	-31.93	Pk	34.9	-30.1	11.8	0	-15.33	27	-42.33	159	172
2	5647.562	-51.72	Pk	34.9	-30.2	11.8	0	-35.22	-27	-8.22	159	172

Pk - Peak detector