

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7268.709	48.46	PK-U	35.7	-37.6	0	46.56	-	-	74	-27.44	-	-	126	368	H
	* 7268.317	36.77	ADR	35.7	-37.6	1.69	36.56	54	-17.44	-	-	-	-	126	368	H
2	* 10638.118	53.99	PK-U	37.9	-36.8	0	55.09	-	-	74	-18.91	-	-	201	206	H
	* 10637.962	41.41	ADR	37.9	-36.8	1.69	44.2	54	-9.8	-	-	-	-	201	206	H
3	* 15919.016	46.54	PK-U	40.2	-33.2	0	53.54	-	-	74	-20.46	-	-	131	218	H
	* 15918.779	34.85	ADR	40.2	-33.2	1.69	43.54	54	-10.46	-	-	-	-	131	218	H
4	* 7363.799	48.83	PK-U	35.7	-37.2	0	47.33	-	-	74	-26.67	-	-	126	317	V
	* 7365.242	36.52	ADR	35.7	-37.3	1.69	36.61	54	-17.39	-	-	-	-	126	317	V
5	* 10636.959	52.82	PK-U	37.9	-36.9	0	53.82	-	-	74	-20.18	-	-	178	212	V
	* 10636.791	40.57	ADR	37.9	-36.9	1.69	43.26	54	-10.74	-	-	-	-	178	212	V
6	* 15935.441	46.58	PK-U	40.2	-33.1	0	53.68	-	-	74	-20.32	-	-	36	281	V
	* 15935.642	34.62	ADR	40.2	-33.1	1.69	43.41	54	-10.59	-	-	-	-	36	281	V

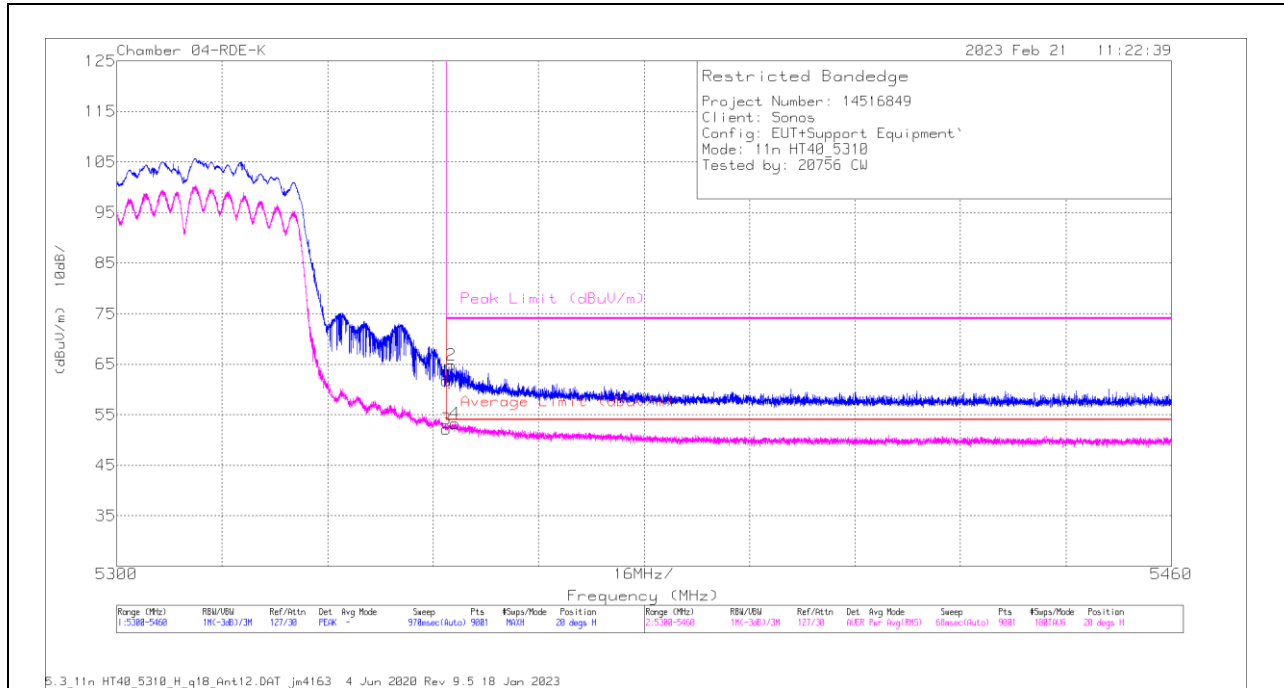
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

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

#### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

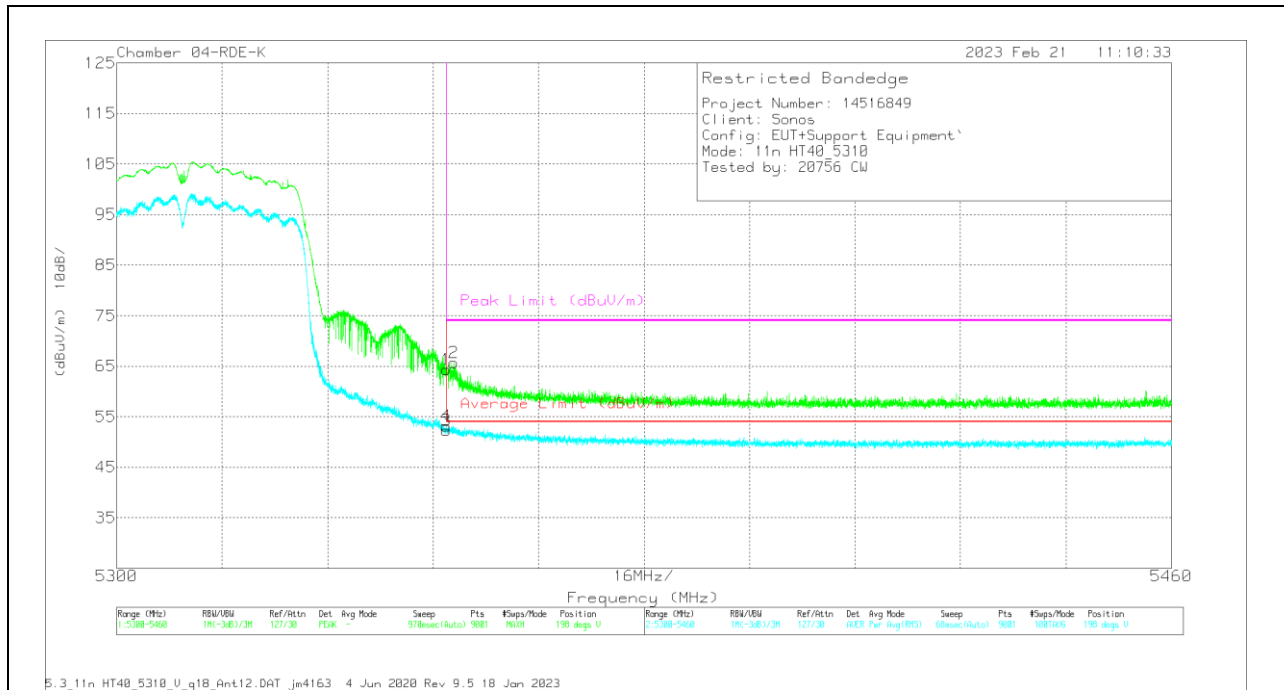
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5350	57.94	Pk	34.5	-30.7	0	61.74	-	-	74	-12.26	20	176	H
2	* 5350.774	61.04	Pk	34.5	-30.7	0	64.84	-	-	74	-9.16	20	176	H
3	* 5350	45.39	RMS	34.5	-30.7	2.96	52.15	54	-1.85	-	-	20	176	H
4	* 5351.325	46.48	RMS	34.5	-30.7	2.96	53.24	54	-0.76	-	-	20	176	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	223083 ACF (dB) 3mH	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	* 5350	60.56	Pk	34.5	-30.7	0	64.36	-	-	74	-9.64	198	249	V
2	* 5351.13	61.89	Pk	34.5	-30.7	0	65.69	-	-	74	-8.31	198	249	V
3	* 5350	45.56	RMS	34.5	-30.7	2.96	52.32	54	-1.68	-	-	198	249	V
4	* 5350.027	46.44	RMS	34.5	-30.7	2.96	53.2	54	-8	-	-	198	249	V

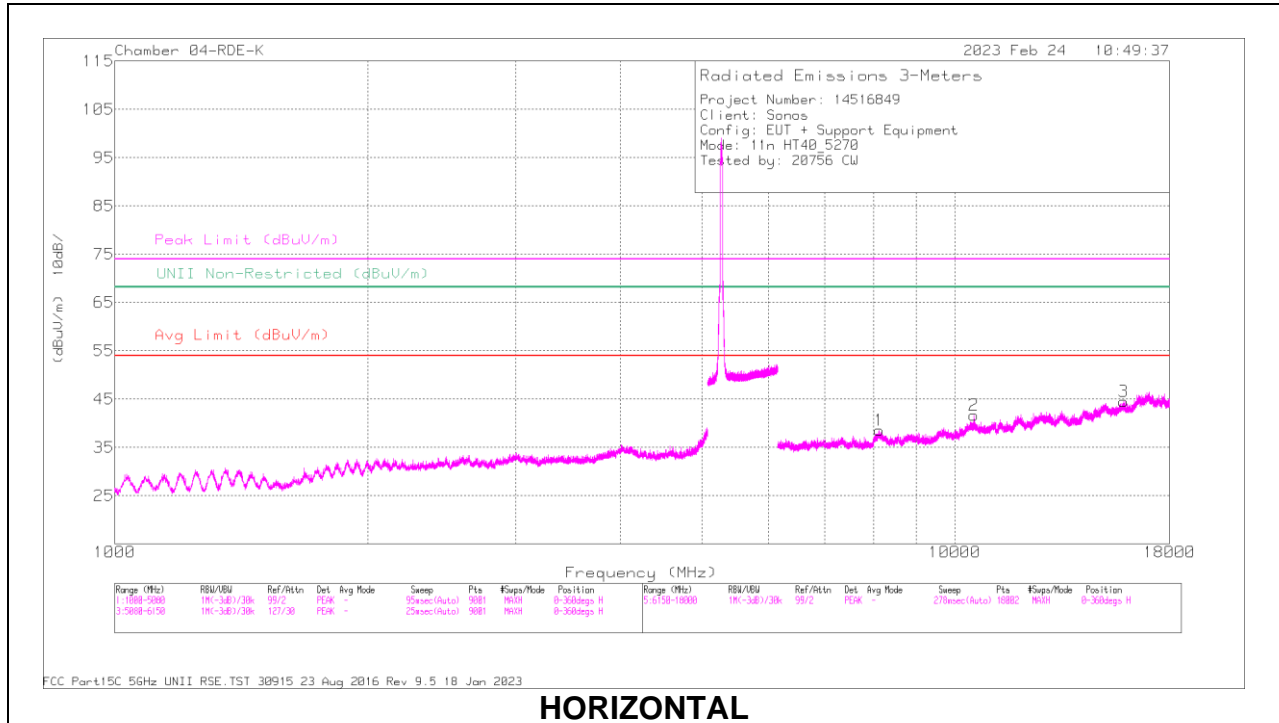
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

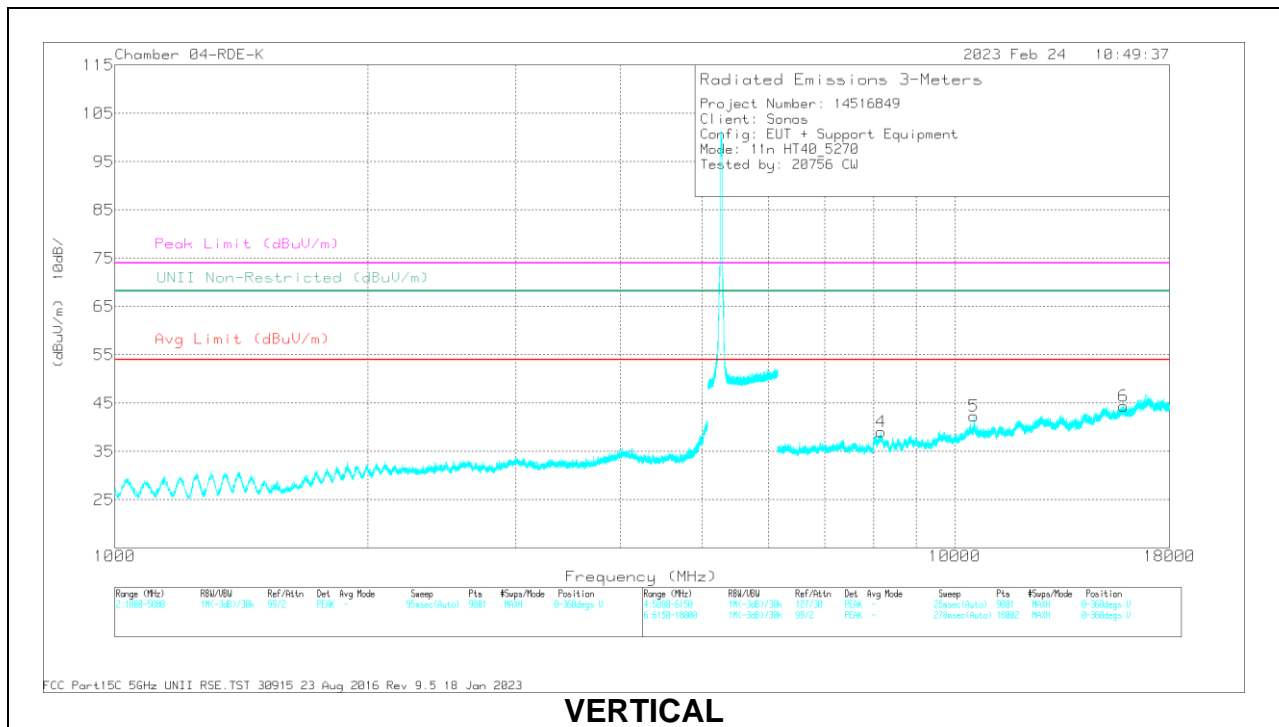
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



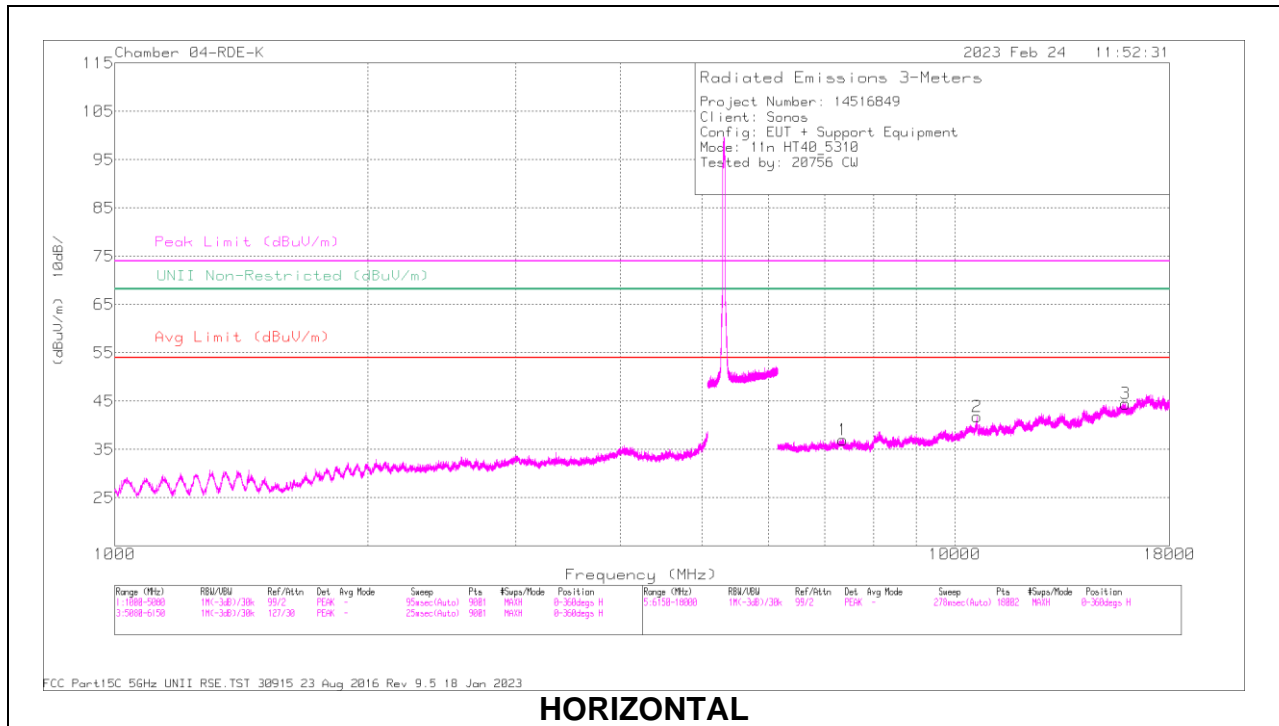
**VERTICAL**

**RADIATED EMISSIONS**

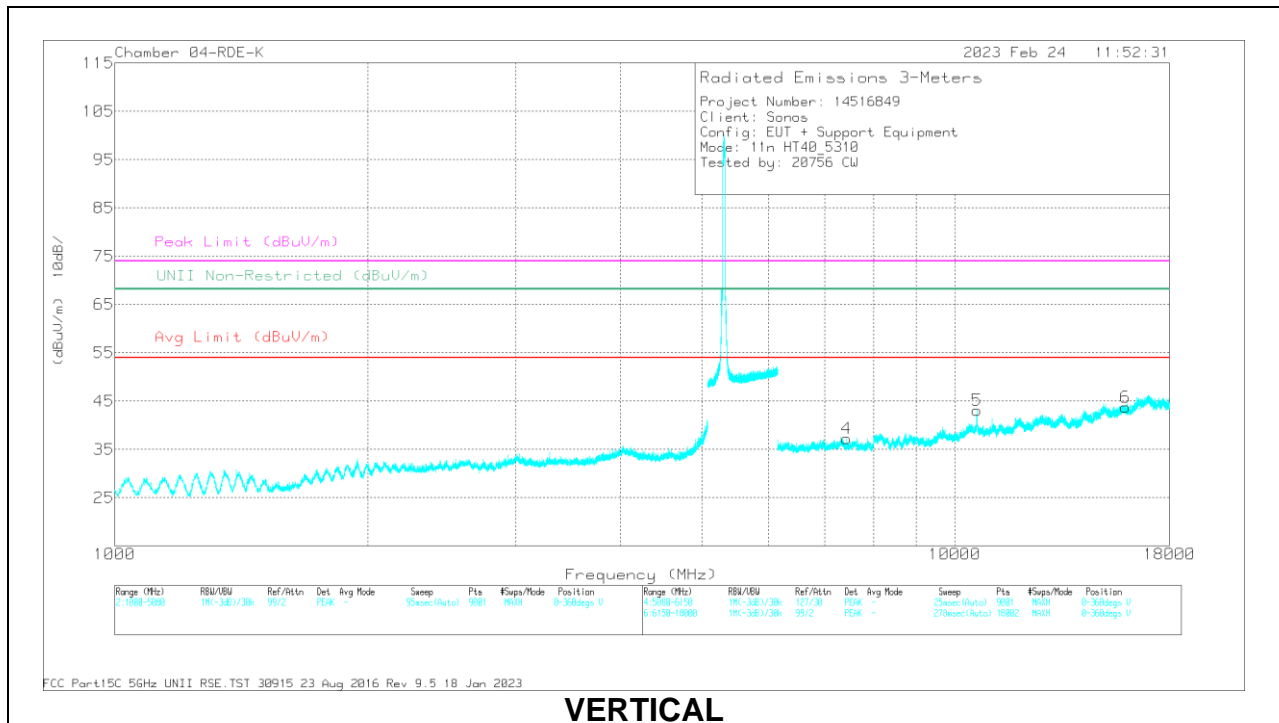
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8126.447	49.29	PK-U	35.9	-37.5	0	47.69	-	-	74	-26.31	-	-	243	235	H
	* 8124.373	37.5	ADR	35.9	-37.4	2.96	38.96	54	-15.04	-	-	-	-	243	235	H
2	10540.09	52.89	PK-U	37.9	-36.9	0	53.89	-	-	-	-	68.2	-14.31	155	191	H
3	* 15890.481	46.91	PK-U	40.2	-32.9	0	54.21	-	-	74	-19.79	-	-	119	373	H
	* 15890.675	34.74	ADR	40.2	-32.8	2.96	45.1	54	-8.9	-	-	-	-	119	373	H
4	* 8163.59	49.63	PK-U	35.9	-37.8	0	47.73	-	-	74	-26.27	-	-	145	306	V
	* 8164.684	38	ADR	35.9	-37.8	2.96	39.06	54	-14.94	-	-	-	-	145	306	V
5	10539.877	50.26	PK-U	37.9	-36.9	0	51.26	-	-	-	-	68.2	-16.94	238	388	V
6	* 15883.233	47.01	PK-U	40.2	-32.9	0	54.31	-	-	74	-19.69	-	-	286	309	V
	* 15883.361	34.76	ADR	40.2	-32.9	2.96	45.02	54	-8.98	-	-	-	-	286	309	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	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7355.878	48.5	PK-U	35.7	-37.1	0	47.1	-	-	74	-26.9	-	-	8	193	H
	* 7356.783	36.32	ADR	35.7	-37.2	2.96	37.78	54	-16.22	-	-	-	-	8	193	H
2	* 10619.853	51.44	PK-U	37.9	-36.9	0	52.44	-	-	74	-21.56	-	-	197	341	H
	* 10620	39.09	ADR	37.9	-36.9	2.96	43.05	54	-10.95	-	-	-	-	197	341	H
3	* 15950.367	46.3	PK-U	40.2	-32.9	0	53.6	-	-	74	-20.4	-	-	15	214	H
	* 15950.532	34.51	ADR	40.2	-32.9	2.96	44.77	54	-9.23	-	-	-	-	15	214	H
4	* 7441.628	48.66	PK-U	35.7	-38.2	0	46.16	-	-	74	-27.84	-	-	262	400	V
	* 7440.453	36.91	ADR	35.7	-38.2	2.96	37.37	54	-16.63	-	-	-	-	262	400	V
5	* 10616.884	51.85	PK-U	37.9	-36.8	0	52.95	-	-	74	-21.05	-	-	214	391	V
	* 10616.674	39.57	ADR	37.9	-36.8	2.96	43.63	54	-10.37	-	-	-	-	214	391	V
6	* 15970.114	46.12	PK-U	40.2	-33.2	0	53.12	-	-	74	-20.88	-	-	15	101	V
	* 15971.785	34.19	ADR	40.2	-33.3	2.96	44.05	54	-9.95	-	-	-	-	15	101	V

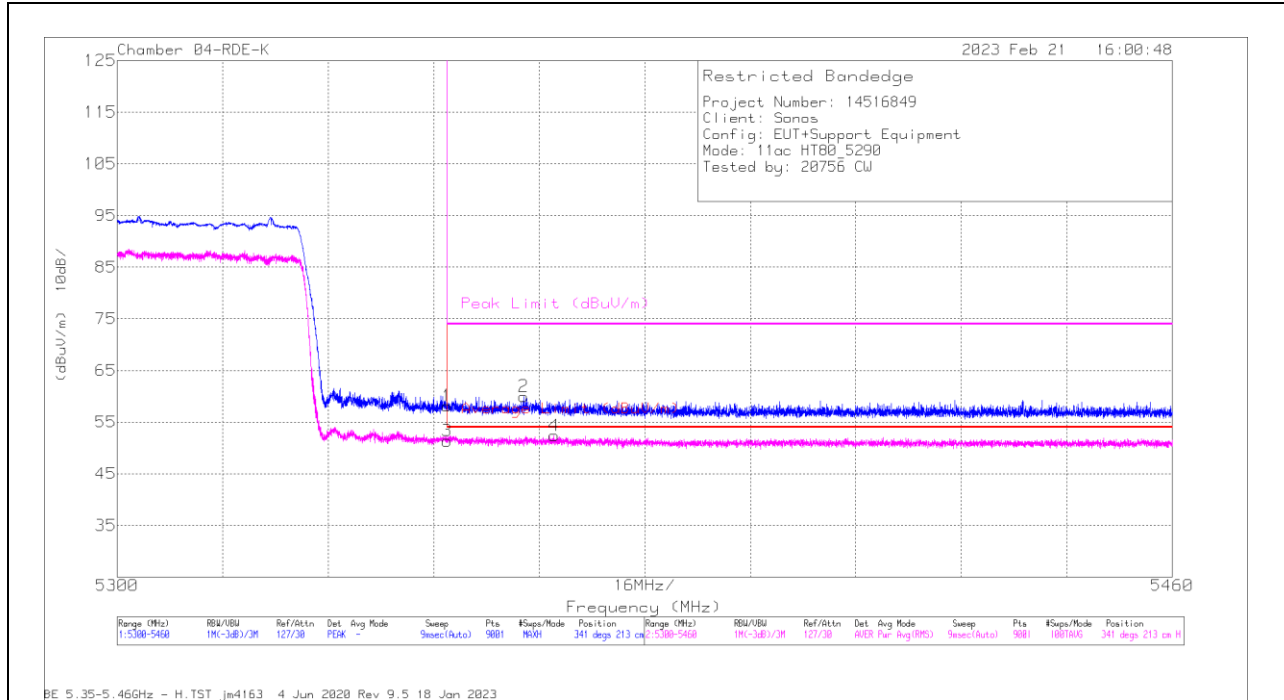
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

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

#### BANDEDGE (MID CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	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	* 5350	54.33	Pk	34.5	-30.7	0	58.13	-	-	74	-15.87	341	213	H
2	* 5361.636	56.16	Pk	34.5	-30.7	0	59.96	-	-	74	-14.04	341	213	H
3	* 5350	42.88	RMS	34.5	-30.7	4.69	51.37	54	-2.63	-	-	341	213	H
4	* 5366.259	43.78	RMS	34.5	-30.6	4.69	52.37	54	-1.63	-	-	341	213	H

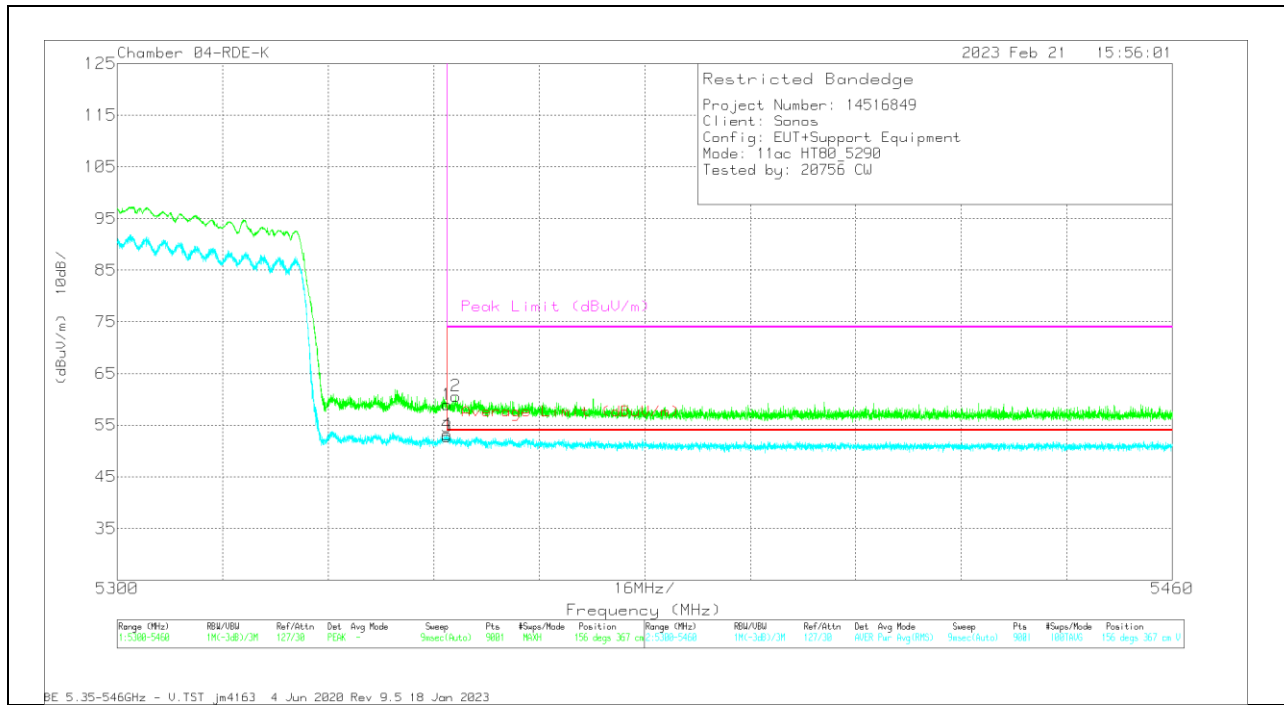
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	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	* 5350	55.14	Pk	34.5	-30.7	0	58.94	-	-	74	-15.06	156	367	V
2	* 5351.343	56.81	PK	34.5	-30.7	0	60.61	-	-	74	-13.39	156	367	V
3	* 5350	44.24	RMS	34.5	-30.7	4.69	52.73	54	-1.27	-	-	156	367	V
4	* 5350.045	44.71	RMS	34.5	-30.7	4.69	53.2	54	-0.8	-	-	156	367	V

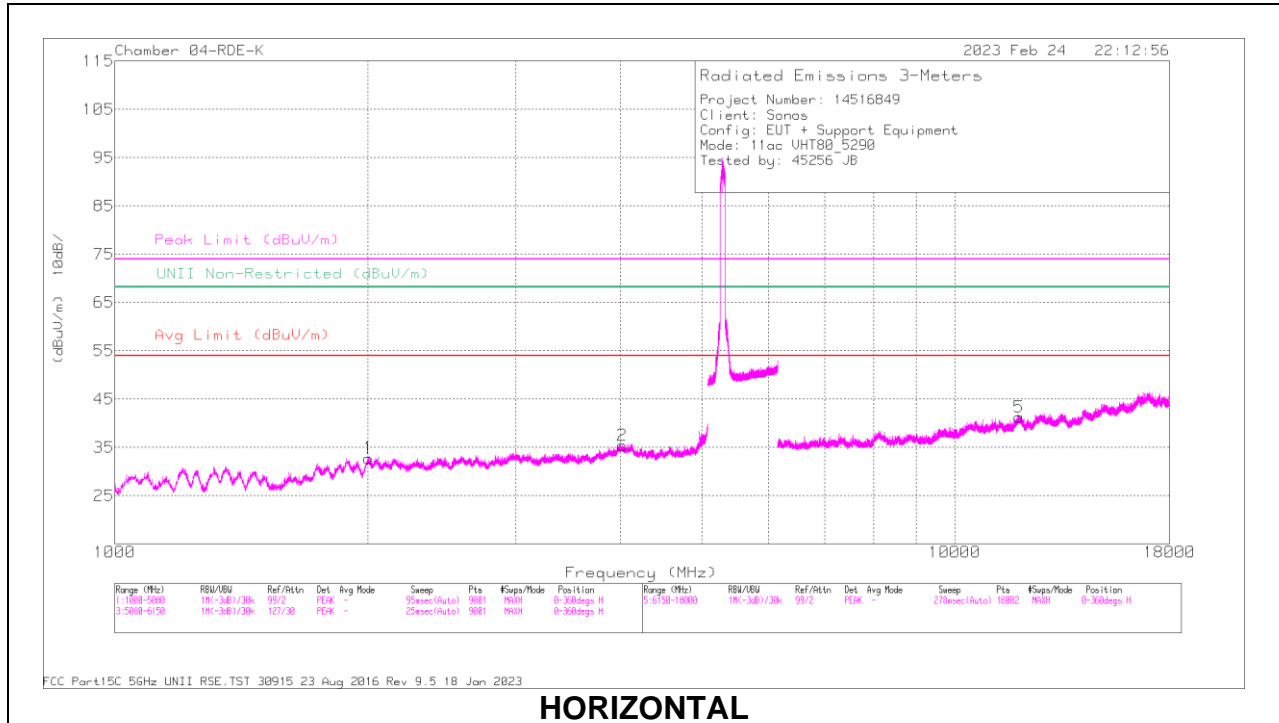
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

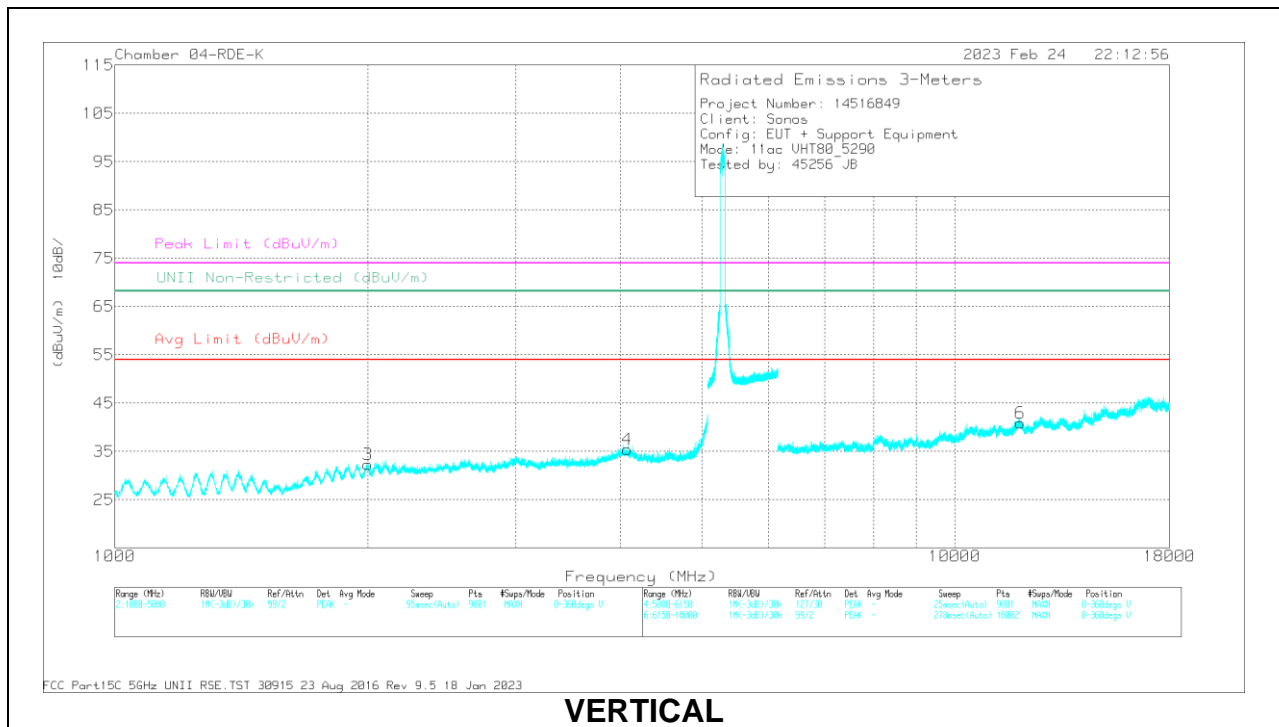
RMS - RMS detection

# HARMONICS AND SPURIOUS EMISSIONS

## MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2000.618	56.27	PK-U	31.6	-45.5	0	42.37	-	-	-	-	68.2	-25.83	305	205	H
2	* 4017.669	51.8	PK-U	35.2	-41.6	0	45.4	-	-	74	-28.6	-	-	91	381	H
	* 4016.699	40.02	ADR	35.2	-41.7	4.69	38.21	54	-15.79	-	-	-	-	91	381	H
3	2000.683	56.27	PK-U	31.6	-45.5	0	42.37	-	-	-	-	68.2	-25.83	16	375	V
4	* 4072.838	52.18	PK-U	35.1	-41.7	0	45.58	-	-	74	-28.42	-	-	315	265	V
	* 4070.593	39.91	ADR	35.2	-41.7	4.69	38.1	54	-15.9	-	-	-	-	315	265	V
5	* 11929.061	46.85	PK-U	38.5	-34.9	0	50.45	-	-	74	-23.55	-	-	353	254	H
	* 11930.875	34.77	ADR	38.5	-34.7	4.69	43.26	54	-10.74	-	-	-	-	353	254	H
6	* 11954.356	46.72	PK-U	38.6	-34.6	0	50.72	-	-	74	-23.28	-	-	353	256	V
	* 11954.805	34.82	ADR	38.6	-34.6	4.69	43.51	54	-10.49	-	-	-	-	353	256	V

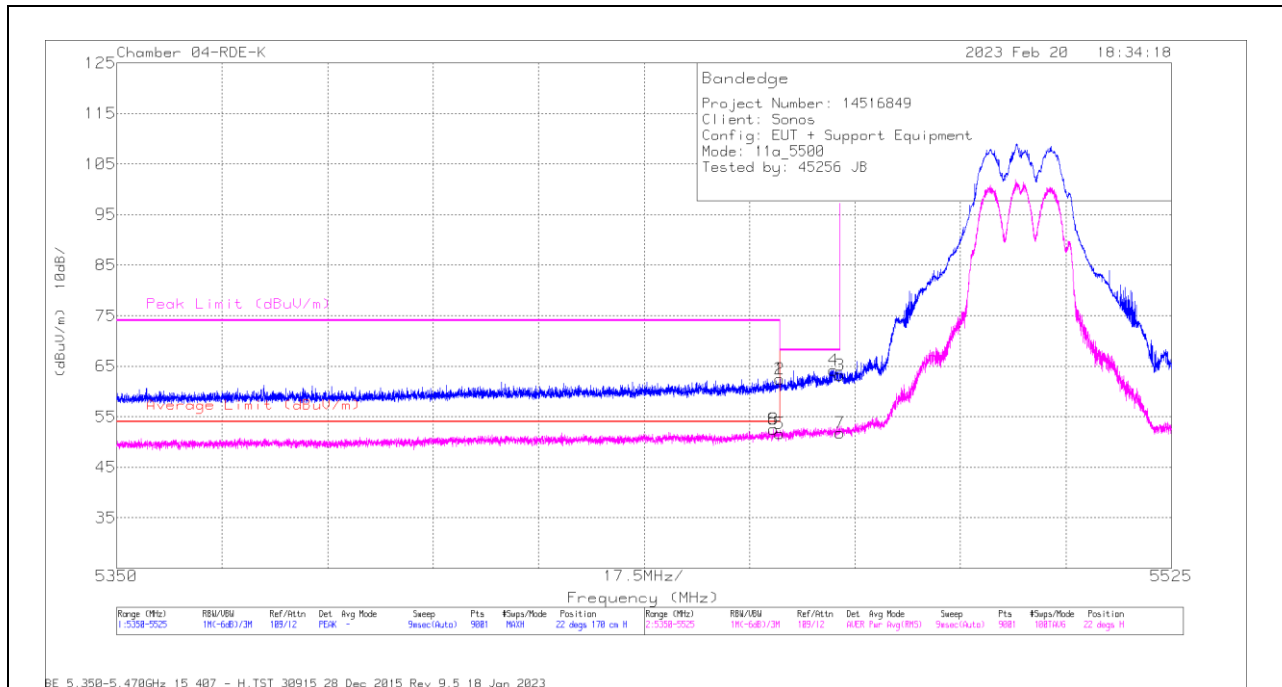
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

#### 2TX Antenna 3 + Antenna 2 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

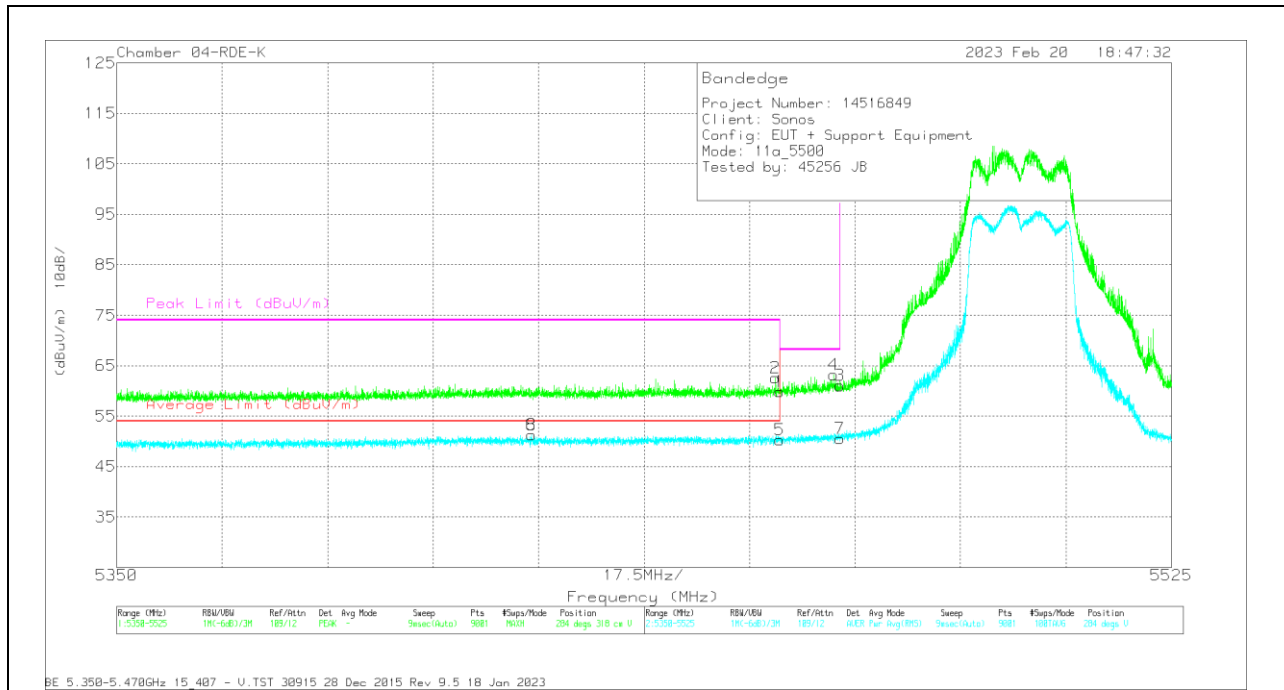
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	35.21	Pk	34.6	-7.4	0	62.41	-	-	68.2	-5.79	22	170	H
2	* 5459.995	35.3	Pk	34.6	-7.4	0	62.5	-	-	74	-11.5	22	170	H
3	5470	35.89	Pk	34.6	-7.3	0	63.19	-	-	68.2	-5.01	22	170	H
4	5468.92	36.92	Pk	34.6	-7.3	0	64.22	-	-	68.2	-3.98	22	170	H
5	* 5460	22.88	RMS	34.6	-7.4	1.61	51.69	54	-2.31	-	-	22	170	H
6	* 5458.964	23.83	RMS	34.6	-7.5	1.61	52.54	54	-1.46	-	-	22	170	H
7	5470	22.89	RMS	34.6	-7.3	1.61	51.8	-	-	-	-	22	170	H
8	* 5458.964	23.83	RMS	34.6	-7.5	1.61	52.54	54	-1.46	-	-	22	170	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	223083 ACF (dB) 3mH	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	* 5460	32.61	Pk	34.6	-7.4	0	59.81	-	-	68.2	-8.39	284	318	V
2	* 5459.275	35.43	Pk	34.6	-7.4	0	62.63	-	-	74	-11.37	284	318	V
3	5470	33.74	Pk	34.6	-7.3	0	61.04	-	-	68.2	-7.16	284	318	V
4	5468.939	35.91	Pk	34.6	-7.3	0	63.21	-	-	68.2	-4.99	284	318	V
5	* 5460	21.48	RMS	34.6	-7.4	1.61	50.29	54	-3.71	-	-	284	318	V
6	* 5418.832	22.46	RMS	34.6	-7.4	1.61	51.27	54	-2.73	-	-	284	318	V
7	5470	21.6	RMS	34.6	-7.3	1.61	50.51	-	-	-	-	284	318	V
8	* 5418.832	22.46	RMS	34.6	-7.4	1.61	51.27	54	-2.73	-	-	284	318	V

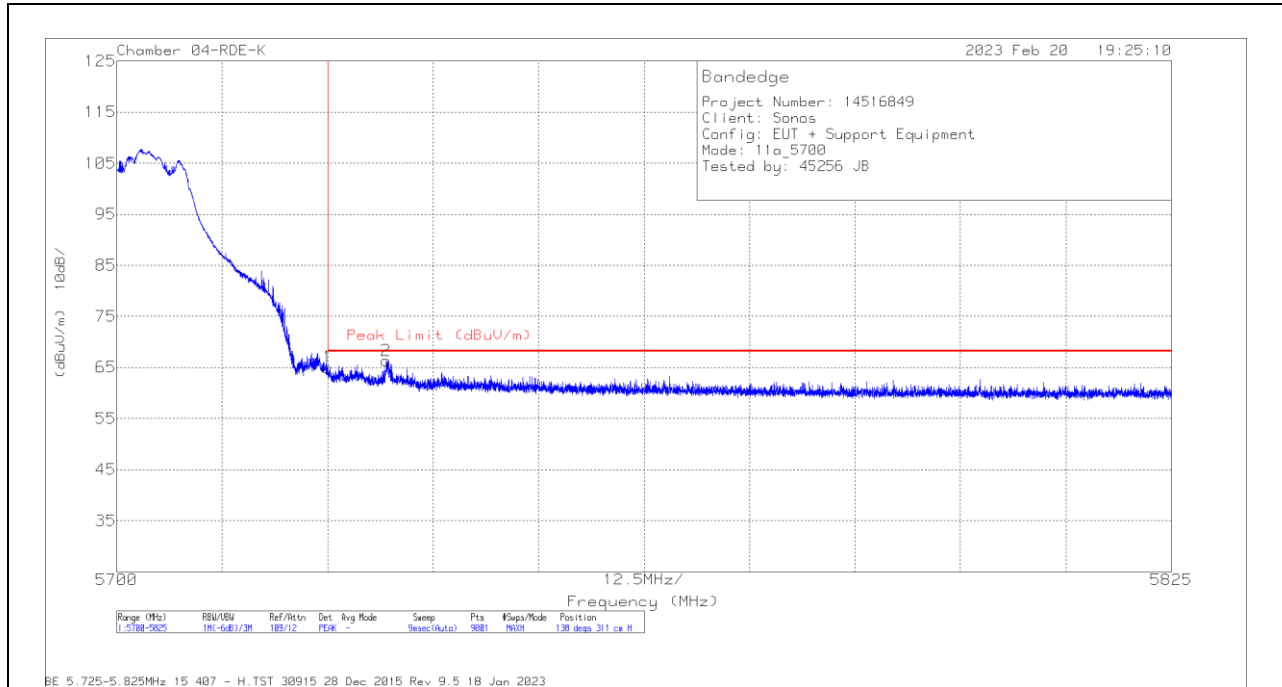
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

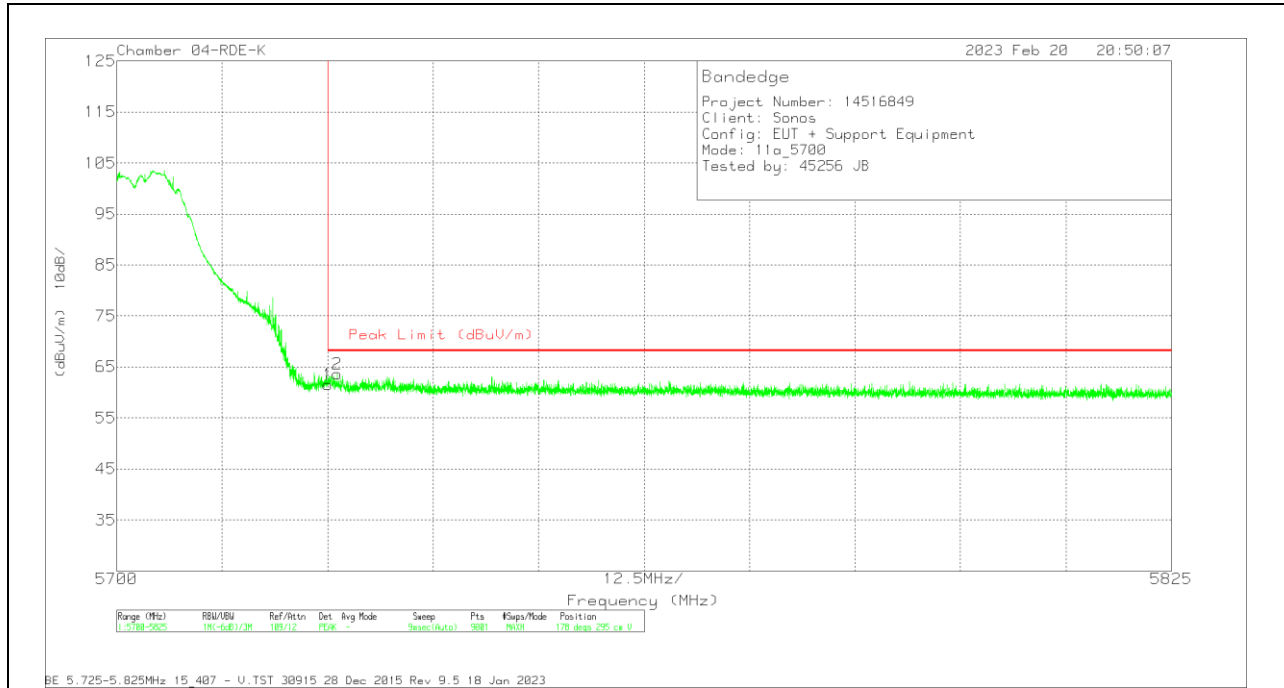


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	37.04	Pk	34.7	-6.7	65.04	68.2	-3.16	138	311	H
2	5731.959	38.36	Pk	34.7	-6.7	66.36	68.2	-1.84	138	311	H

Pk - Peak detector

### VERTICAL RESULT



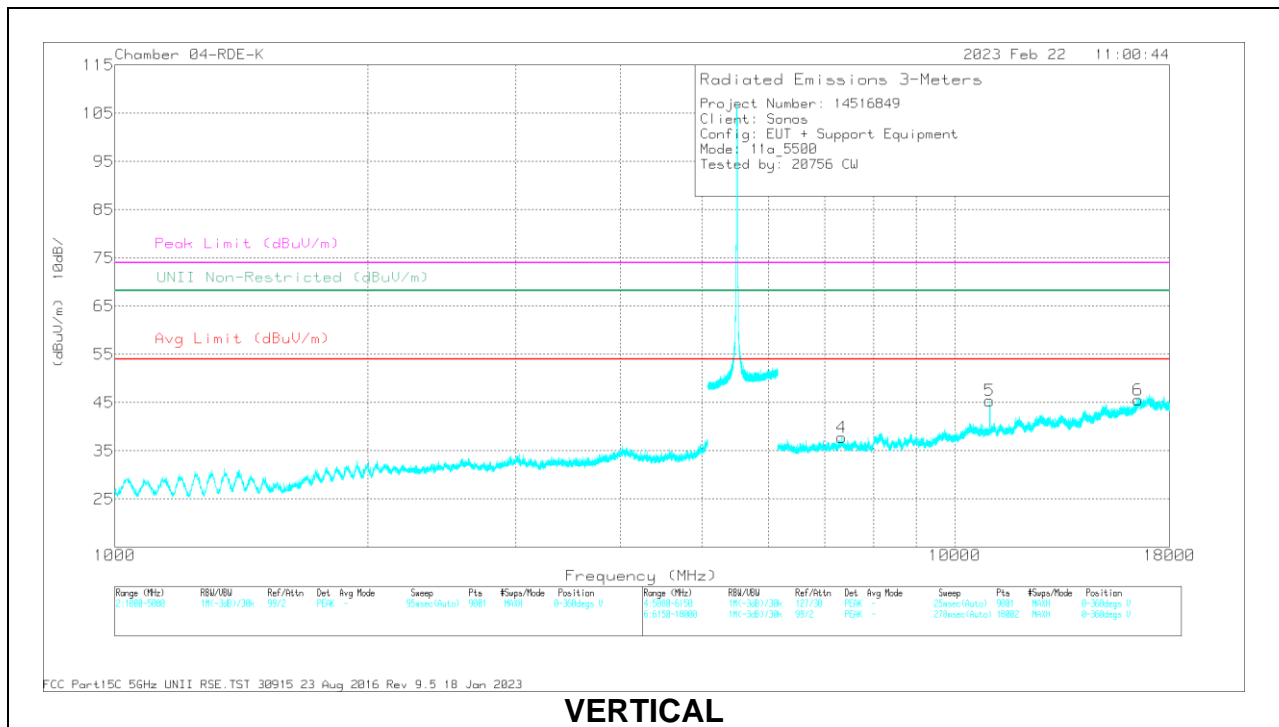
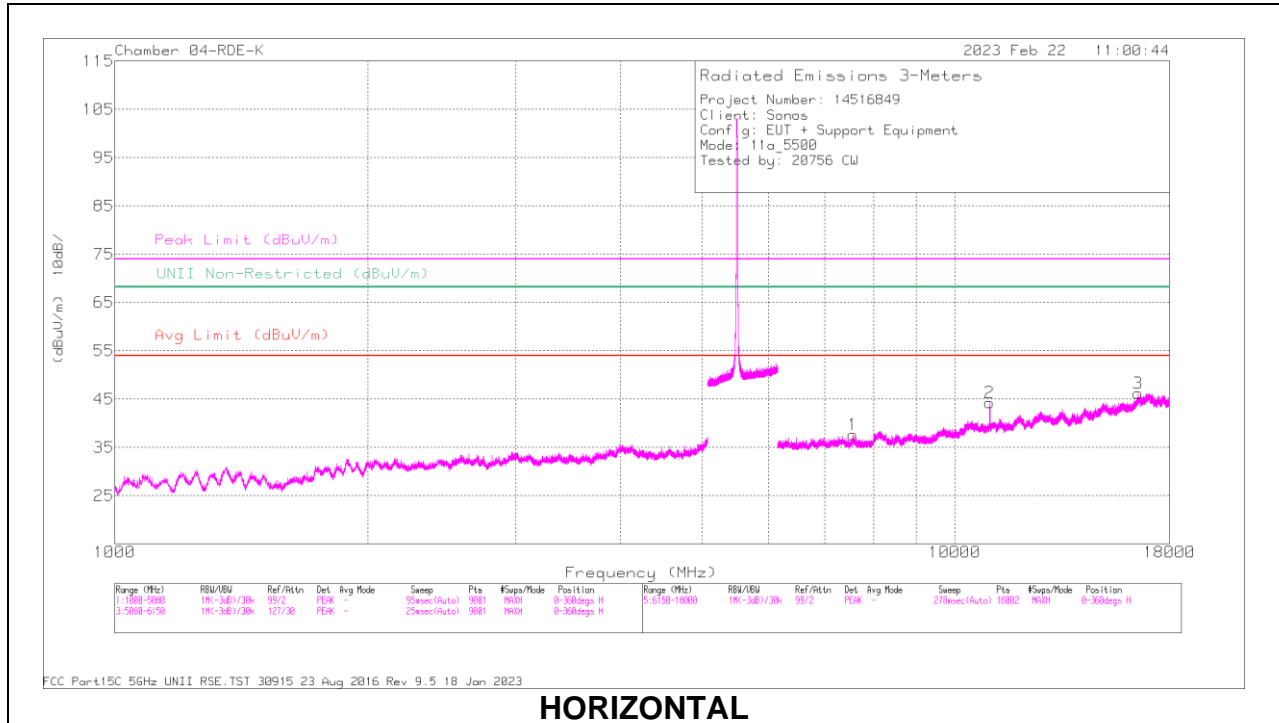
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	33.58	PK	34.7	-6.7	61.58	68.2	-6.62	178	295	V
2	5726.125	35.65	PK	34.7	-6.7	63.65	68.2	-4.55	178	295	V

Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



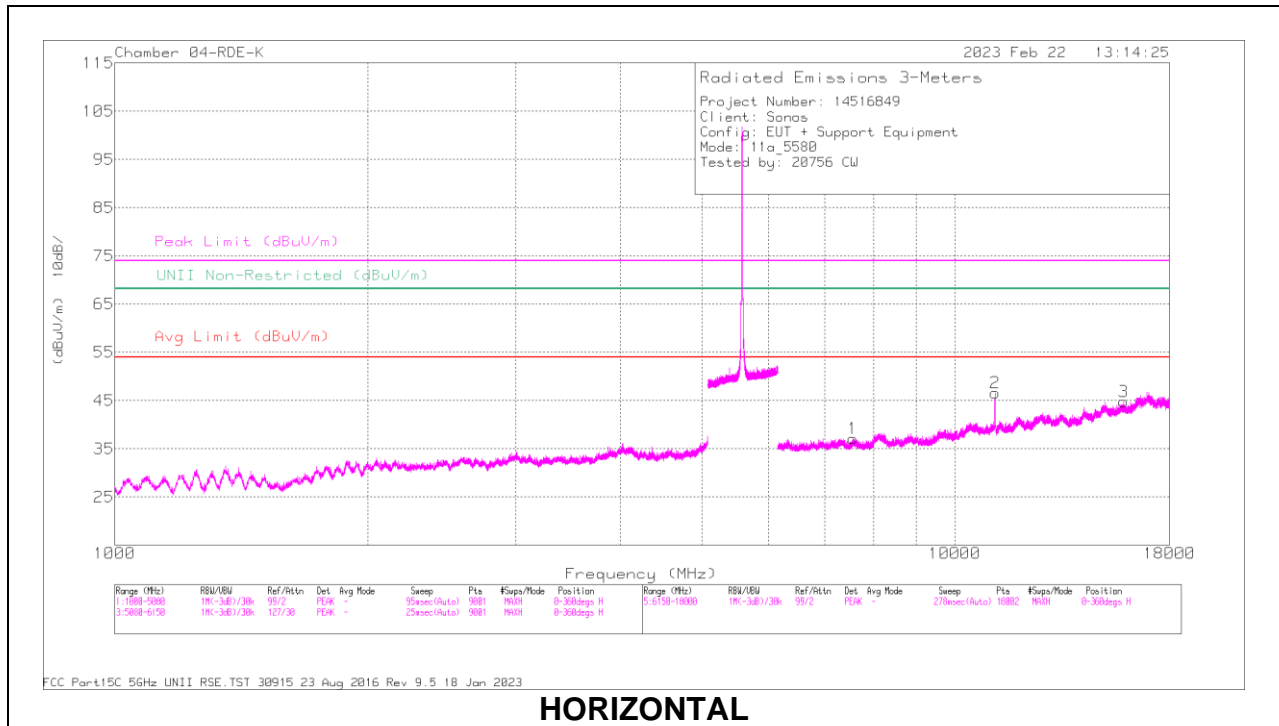


**RADIATED EMISSIONS**

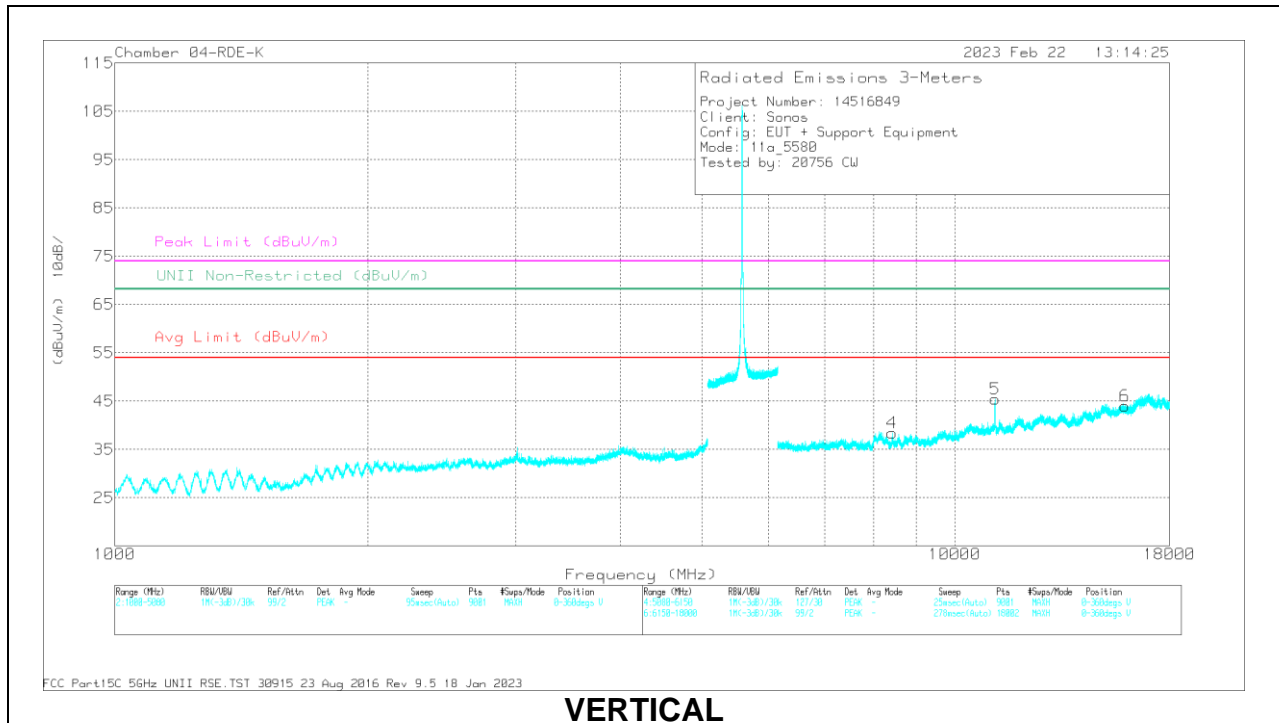
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7564.562	48.41	PK-U	35.7	-37.3	0	46.81	-	-	74	-27.19	-	-	220	201	H
	* 7565.525	36.75	ADR	35.7	-37.3	1.61	36.76	54	-17.24	-	-	-	-	220	201	H
2	* 10999.258	51.29	PK-U	38	-36.5	0	52.79	-	-	74	-21.21	-	-	54	129	H
	* 10999.822	39.37	ADR	38	-36.5	1.61	42.48	54	-11.52	-	-	-	-	54	129	H
3	16529.41	47.24	PK-U	41.1	-33.1	0	55.24	-	-	-	-	68.2	-12.96	341	186	H
4	* 7331.751	48.39	PK-U	35.7	-37	0	47.09	-	-	74	-26.91	-	-	83	122	V
	* 7331.239	36.49	ADR	35.7	-37	1.61	36.8	54	-17.2	-	-	-	-	83	122	V
5	* 11001.703	52.57	PK-U	38	-36.5	0	54.07	-	-	74	-19.93	-	-	130	232	V
	* 11001.755	40.18	ADR	38	-36.5	1.61	43.29	54	-10.71	-	-	-	-	130	232	V
6	16522.679	47.37	PK-U	41	-33.2	0	55.17	-	-	-	-	68.2	-13.03	122	301	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**



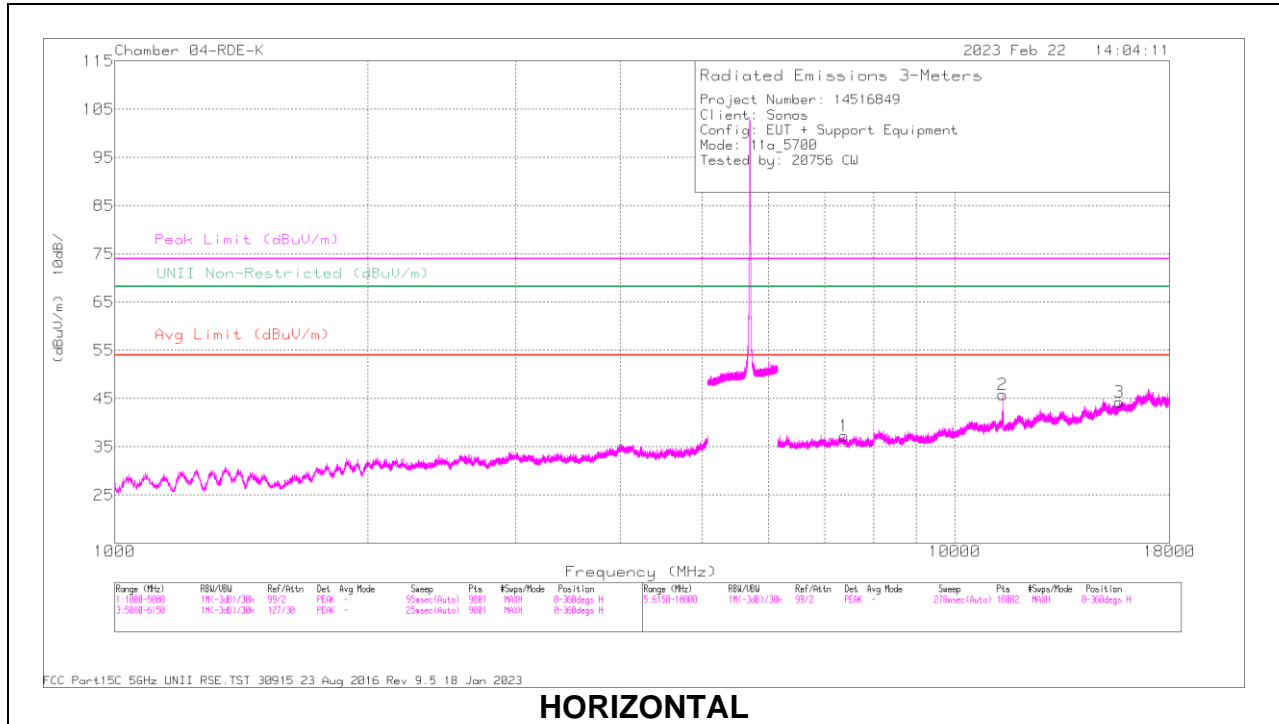
**VERTICAL**

**RADIATED EMISSIONS**

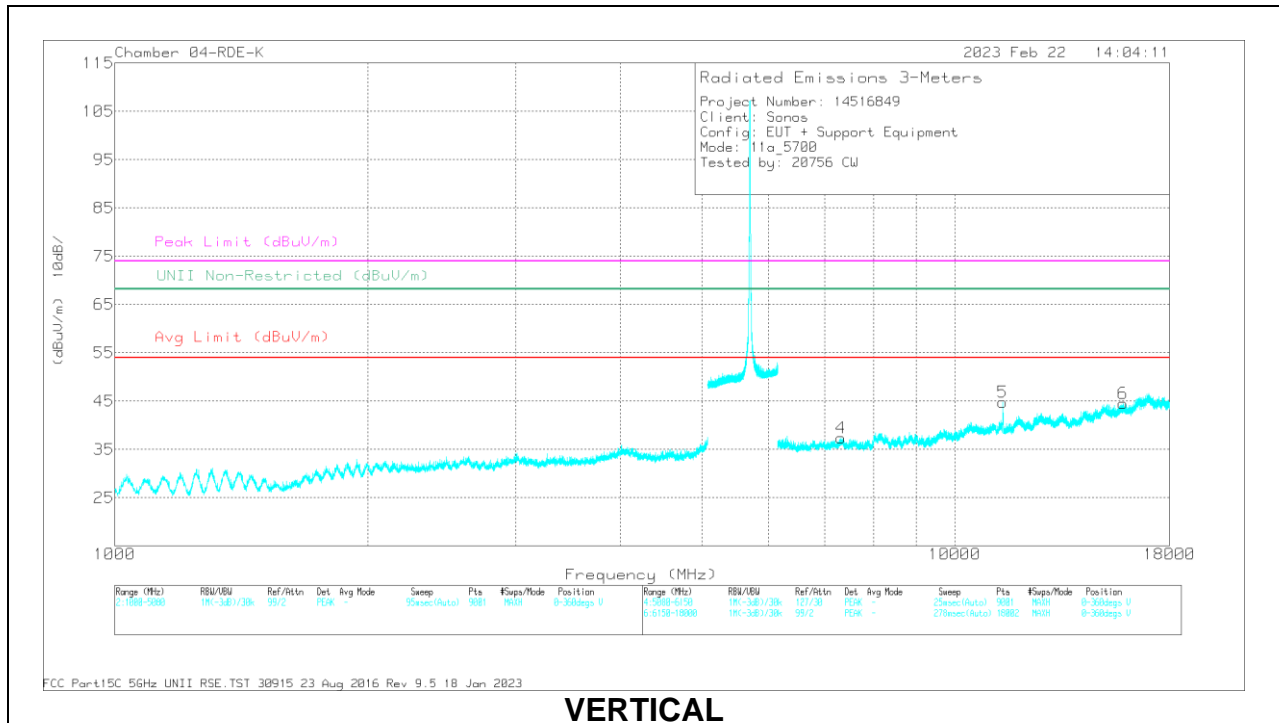
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7558.618	48.78	PK-U	35.7	-37.3	0	47.18	-	-	74	-26.82	-	-	312	236	H
	* 7556.265	36.81	ADR	35.7	-37.3	1.61	36.82	54	-17.18	-	-	-	-	312	236	H
2	* 11163.158	51.36	PK-U	38	-36.2	0	53.16	-	-	74	-20.84	-	-	128	108	H
	* 11163.108	39.35	ADR	38	-36.2	1.61	42.76	54	-11.24	-	-	-	-	128	108	H
3	* 15865.258	47.04	PK-U	40.2	-33.2	0	54.04	-	-	74	-19.96	-	-	29	343	H
	* 15865.364	35.03	ADR	40.2	-33.2	1.61	43.64	54	-10.36	-	-	-	-	29	343	H
4	* 8417.766	48.36	PK-U	35.8	-37.2	0	46.96	-	-	74	-27.04	-	-	228	353	V
	* 8417.111	36.49	ADR	35.8	-37.2	1.61	36.7	54	-17.3	-	-	-	-	228	353	V
5	* 11165.077	54.48	PK-U	38	-36	0	56.48	-	-	74	-17.52	-	-	185	200	V
	* 11164.891	42.43	ADR	38	-36	1.61	46.04	54	-7.96	-	-	-	-	185	200	V
6	* 15938.353	46.14	PK-U	40.2	-33	0	53.34	-	-	74	-20.66	-	-	340	318	V
	* 15938.49	34.71	ADR	40.2	-33	1.61	43.52	54	-10.48	-	-	-	-	340	318	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	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7389.812	48.7	PK-U	35.7	-37.6	0	46.8	-	-	74	-27.2	-	-	211	356	H
	* 7389.649	36.83	ADR	35.7	-37.6	1.61	36.54	54	-17.46	-	-	-	-	211	356	H
2	* 11406.144	52.2	PK-U	37.8	-35.5	0	54.5	-	-	74	-19.5	-	-	161	167	H
	* 11406.086	40.41	ADR	37.8	-35.5	1.61	44.32	54	-9.68	-	-	-	-	161	167	H
3	* 15679.458	46.68	PK-U	40.1	-33.3	0	53.48	-	-	74	-20.52	-	-	335	119	H
	* 15679.335	34.67	ADR	40.1	-33.3	1.61	43.08	54	-10.92	-	-	-	-	335	119	H
4	* 7320.855	48.21	PK-U	35.7	-37	0	46.91	-	-	74	-27.09	-	-	169	238	V
	* 7318.198	36.74	ADR	35.7	-37.1	1.61	36.95	54	-17.05	-	-	-	-	169	238	V
5	* 11401.137	52.57	PK-U	37.8	-35.6	0	54.77	-	-	74	-19.23	-	-	340	207	V
	* 11401.317	40.83	ADR	37.8	-35.6	1.61	44.64	54	-9.36	-	-	-	-	340	207	V
6	* 15838.145	46.96	PK-U	40.2	-33.3	0	53.86	-	-	74	-20.14	-	-	170	285	V
	* 15838.132	35.14	ADR	40.2	-33.3	1.61	43.65	54	-10.35	-	-	-	-	170	285	V

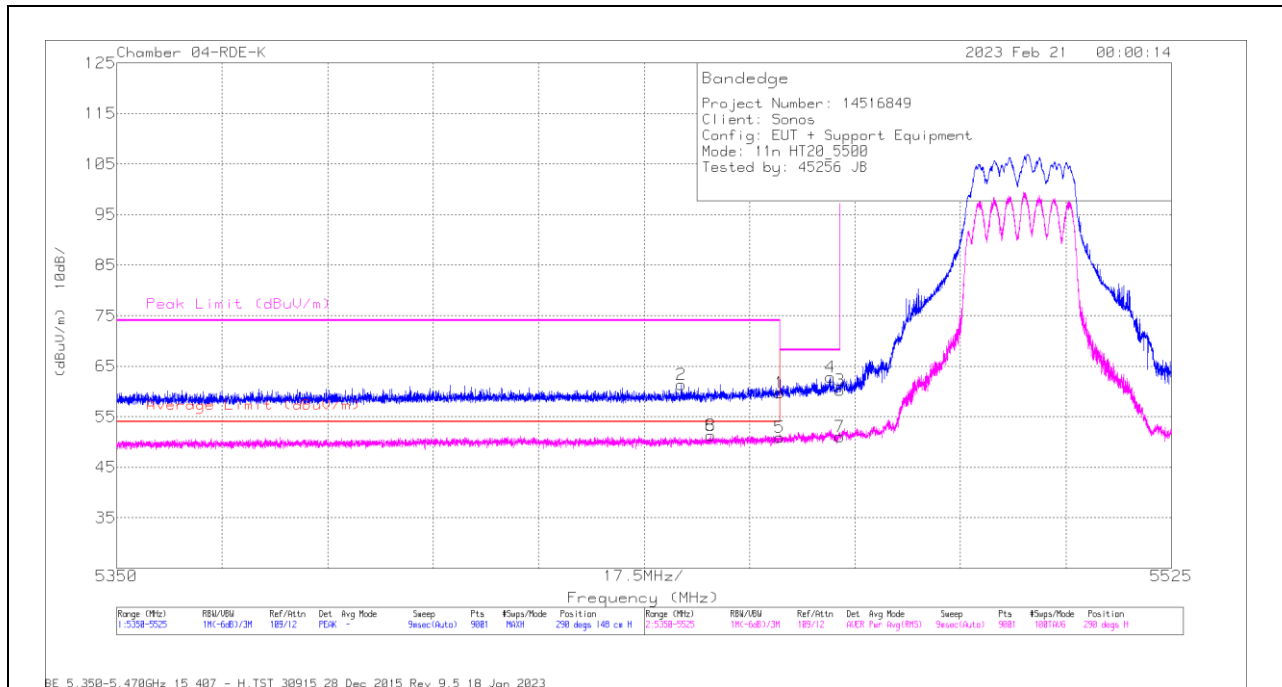
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

#### 2TX Antenna 3 + Antenna 2 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

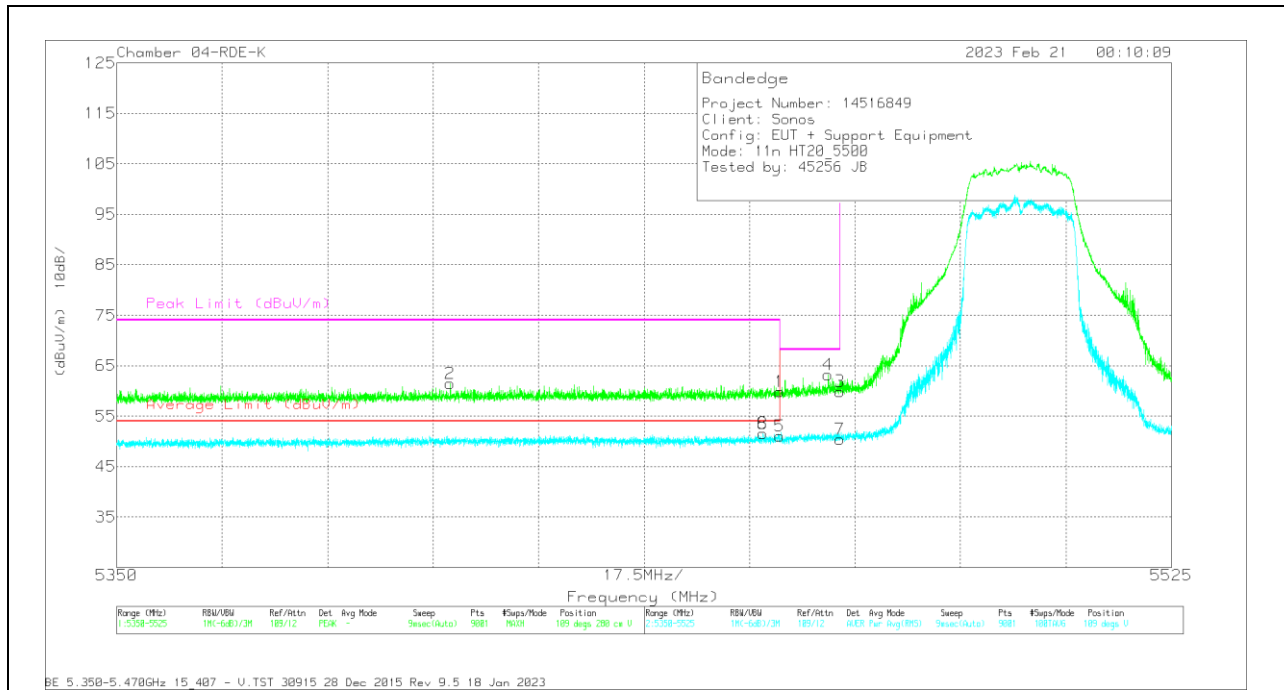
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	32.55	Pk	34.6	-7.4	0	59.75	-	-	68.2	-8.45	290	148	H
2	* 5443.72	34.15	Pk	34.6	-7.4	0	61.35	-	-	74	-12.65	290	148	H
3	5470	32.91	Pk	34.6	-7.3	0	60.21	-	-	68.2	-7.99	290	148	H
4	5468.414	35.55	Pk	34.6	-7.3	0	62.85	-	-	68.2	-5.35	290	148	H
5	* 5460	22.05	RMS	34.6	-7.4	1.69	50.94	54	-3.06	-	-	290	148	H
6	* 5448.581	22.43	RMS	34.6	-7.4	1.69	51.32	54	-2.68	-	-	290	148	H
7	5470	22.06	RMS	34.6	-7.3	1.69	51.05	-	-	-	-	290	148	H
8	* 5448.581	22.43	RMS	34.6	-7.4	1.69	51.32	54	-2.68	-	-	290	148	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	223083 ACF (dB) 3mH	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	* 5460	32.68	Pk	34.6	-7.4	0	59.88	-	-	68.2	-8.32	109	280	V
2	* 5405.357	34.21	Pk	34.6	-7.4	0	61.41	-	-	74	-12.59	109	280	V
3	5470	32.61	Pk	34.6	-7.3	0	59.91	-	-	68.2	-8.29	109	280	V
4	5468.045	35.89	Pk	34.6	-7.3	0	63.19	-	-	68.2	-5.01	109	280	V
5	* 5460	22.18	RMS	34.6	-7.4	1.69	51.07	54	-2.93	-	-	109	280	V
6	* 5457.214	22.8	RMS	34.6	-7.5	1.69	51.59	54	-2.41	-	-	109	280	V
7	5470	21.46	RMS	34.6	-7.3	1.69	50.45	-	-	-	-	109	280	V
8	* 5457.214	22.8	RMS	34.6	-7.5	1.69	51.59	54	-2.41	-	-	109	280	V

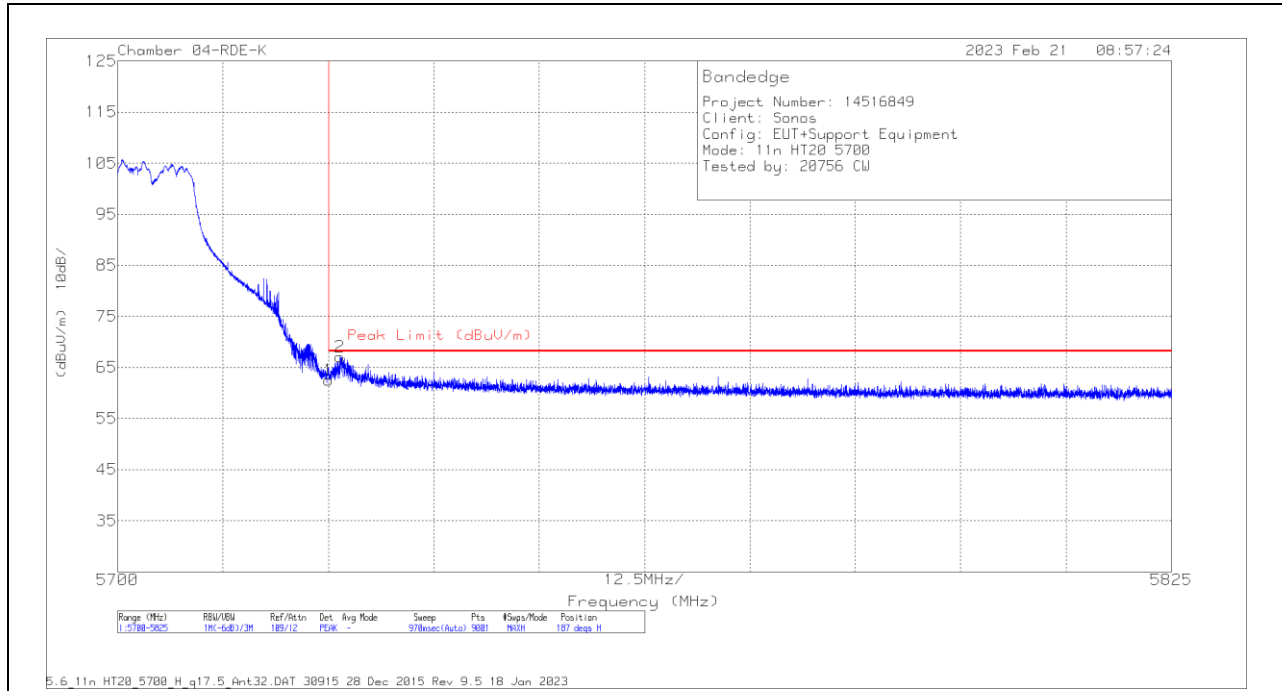
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



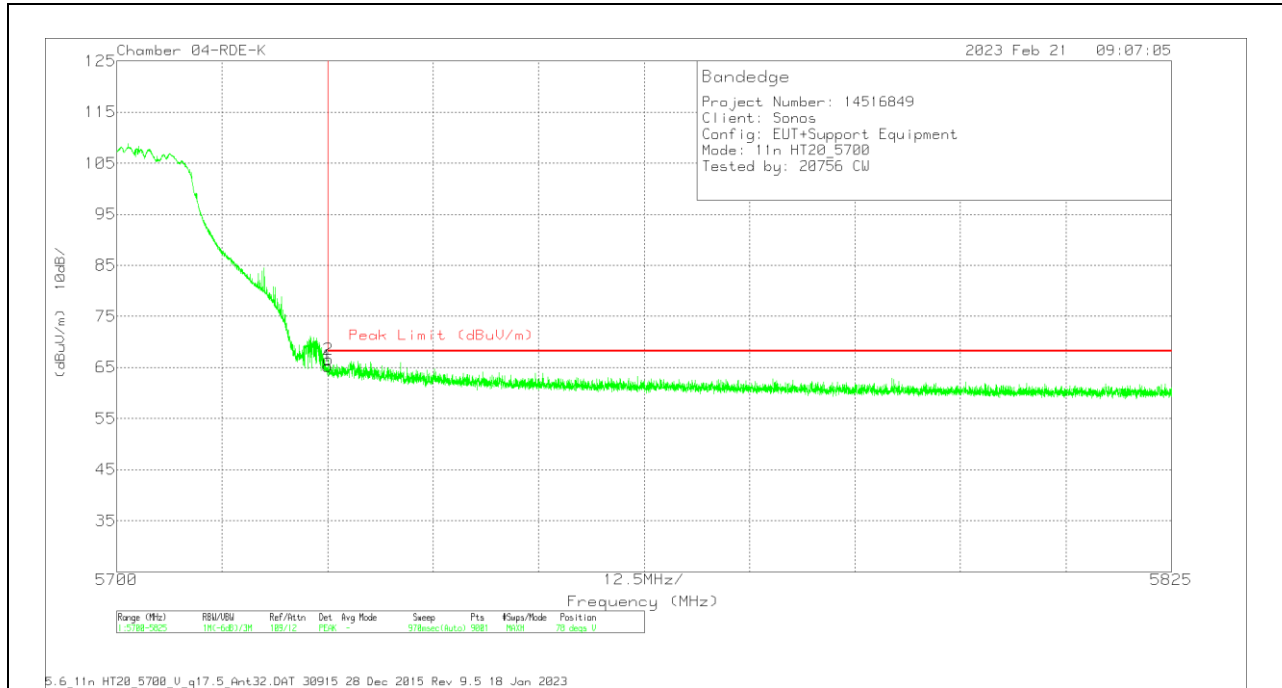
**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	34.49	Pk	34.7	-6.7	62.49	68.2	-5.71	187	362	H
2	5726.375	39.14	Pk	34.7	-6.8	67.04	68.2	-1.16	187	362	H

Pk - Peak detector



### VERTICAL RESULT



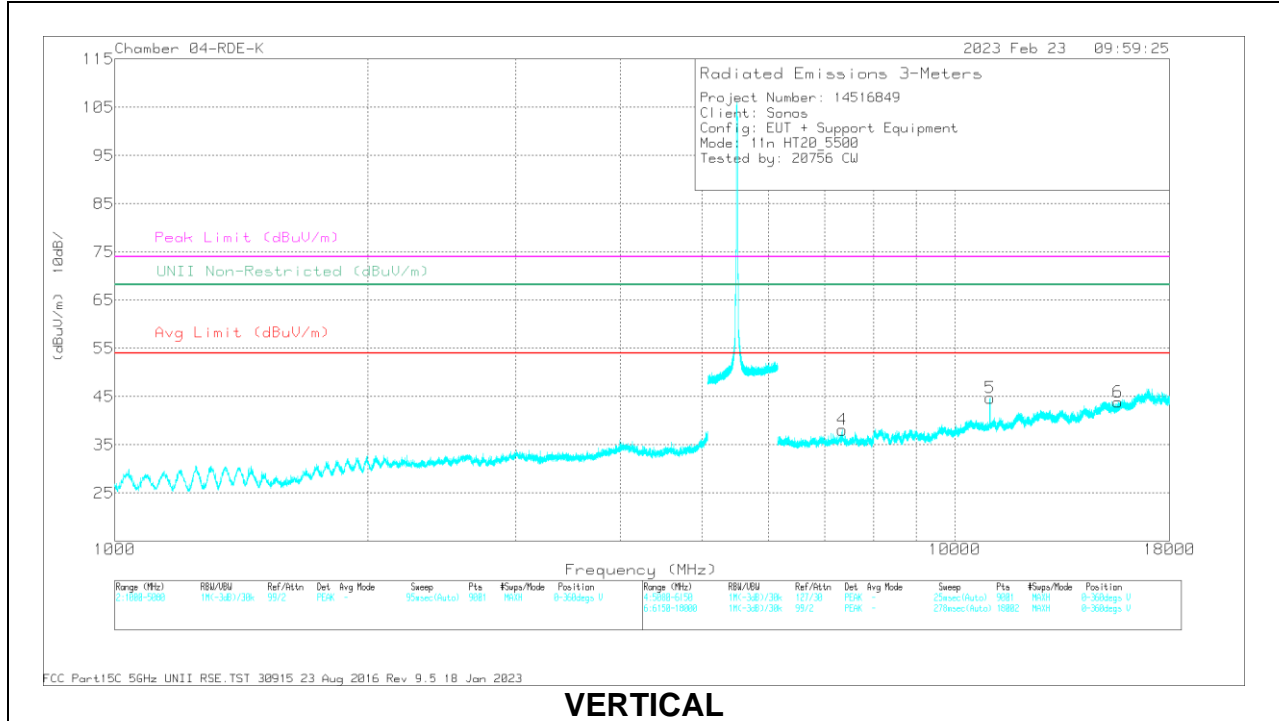
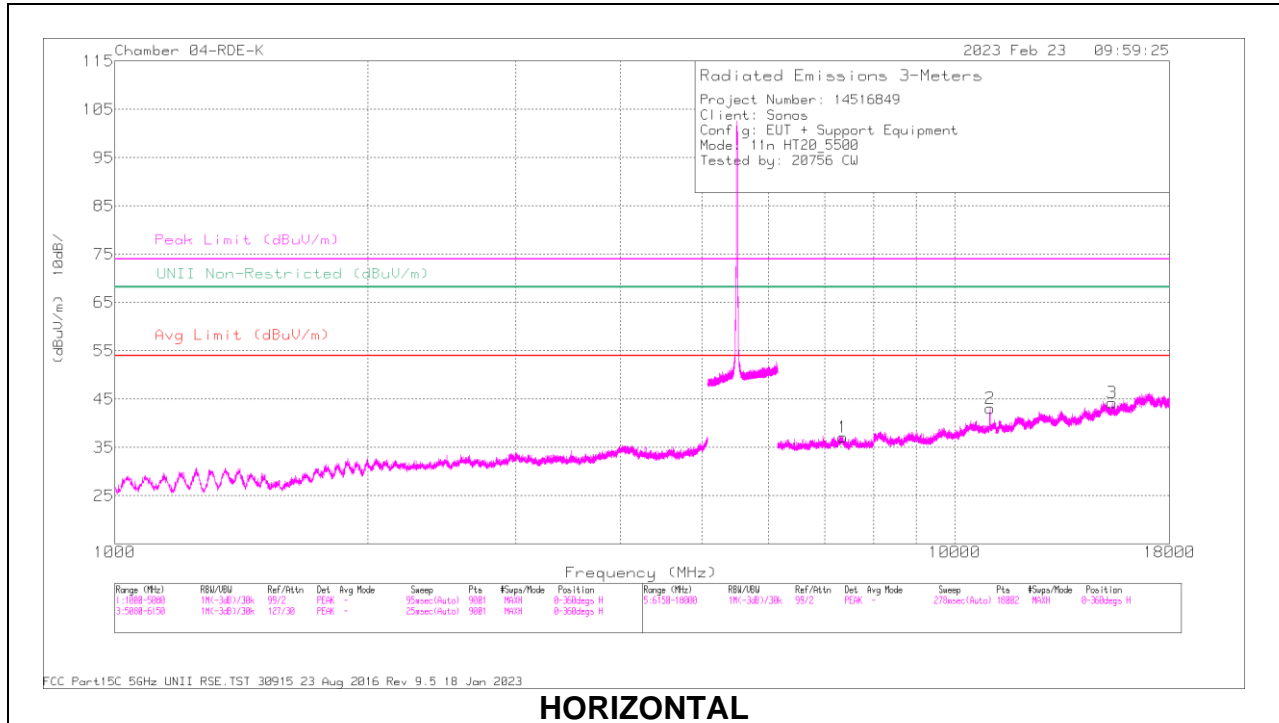
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	37.28	PK	34.7	-6.7	65.28	68.2	-2.92	78	311	V
2	5725.084	38.52	PK	34.7	-6.7	66.52	68.2	-1.68	78	311	V

Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS

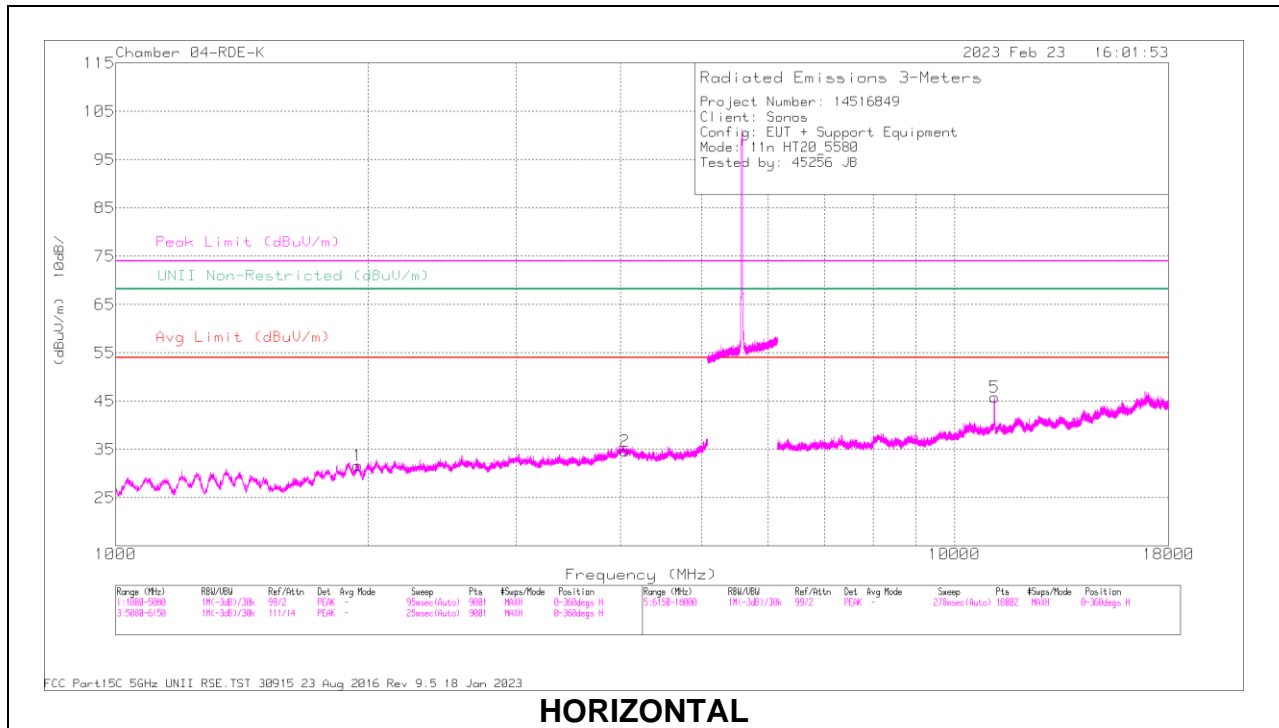


**RADIATED EMISSIONS**

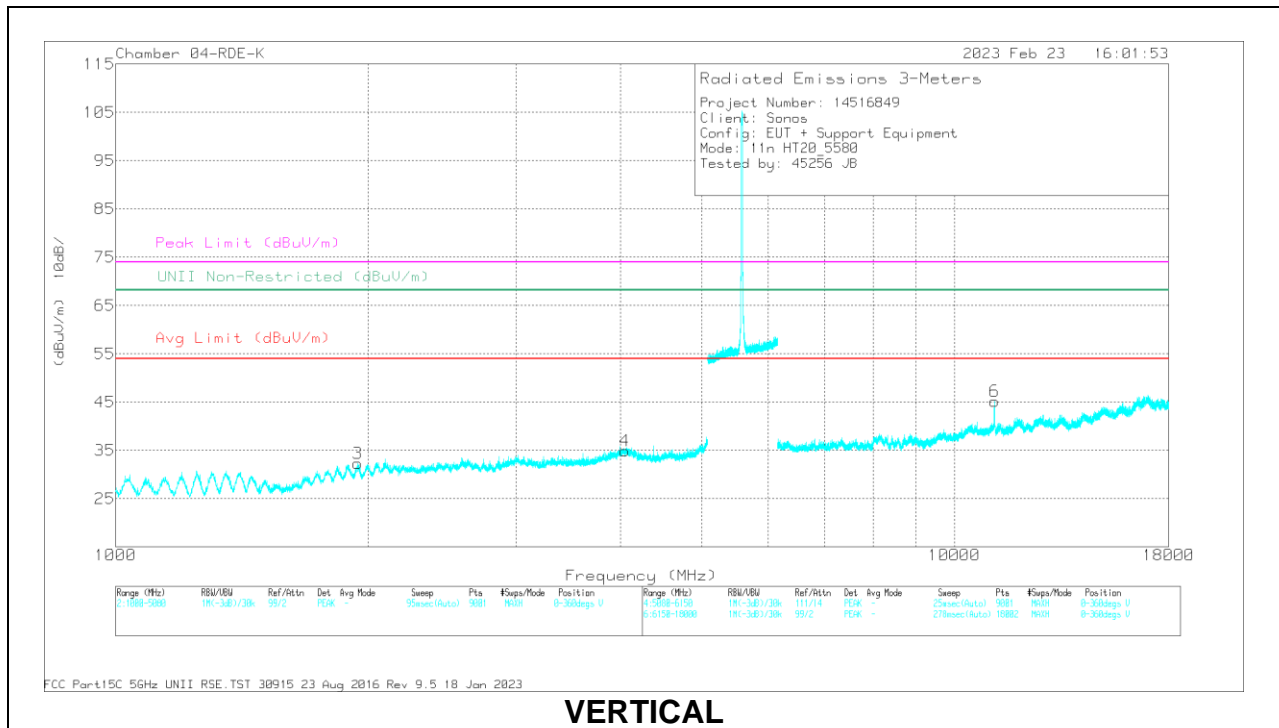
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7356.291	48.32	PK-U	35.7	-37.2	0	46.82	-	-	74	-27.18	-	-	125	196	H
	* 7354.449	36.4	ADR	35.7	-37.2	1.69	36.59	54	-17.41	-	-	-	-	125	196	H
2	* 11004.755	51.07	PK-U	38	-36.4	0	52.67	-	-	74	-21.33	-	-	54	108	H
	* 11004.91	39.2	ADR	38	-36.4	1.69	42.49	54	-11.51	-	-	-	-	54	108	H
3	* 15381.341	46.34	PK-U	40	-33	0	53.34	-	-	74	-20.66	-	-	290	368	H
	* 15381.57	34.22	ADR	40	-33	1.69	42.91	54	-11.09	-	-	-	-	290	368	H
4	* 7337.48	48.41	PK-U	35.7	-36.9	0	47.21	-	-	74	-26.79	-	-	346	226	V
	* 7336.748	36.45	ADR	35.7	-36.9	1.69	36.94	54	-17.06	-	-	-	-	346	226	V
5	* 11005.772	51.46	PK-U	38	-36.4	0	53.06	-	-	74	-20.94	-	-	133	129	V
	* 11005.539	39.39	ADR	38	-36.4	1.69	42.68	54	-11.32	-	-	-	-	133	129	V
6	* 15645.141	45.98	PK-U	40.1	-33.1	0	52.98	-	-	74	-21.02	-	-	172	146	V
	* 15645.19	34.44	ADR	40.1	-33.1	1.69	43.13	54	-10.87	-	-	-	-	172	146	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

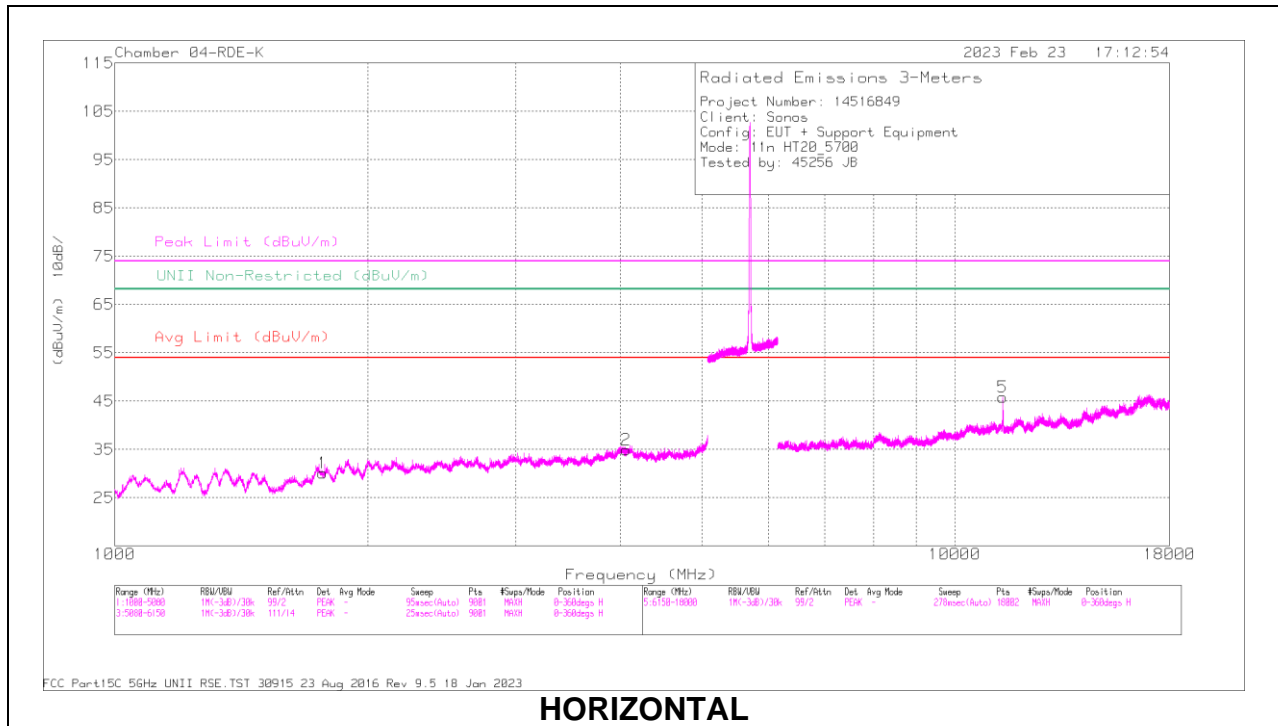
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1944.288	56.46	PK-U	31.4	-45.4	0	42.46	-	-	-	-	68.2	-25.74	307	103	H
2	* 4045.755	52.08	PK-U	35.2	-41.7	0	45.58	-	-	74	-28.42	-	-	161	276	H
	* 4045.862	39.56	ADR	35.2	-41.7	1.69	34.75	54	-19.25	-	-	-	-	161	276	H
3	1942.099	56.51	PK-U	31.4	-45.2	0	42.71	-	-	-	-	68.2	-25.49	198	335	V
4	* 4049.238	52.21	PK-U	35.2	-41.6	0	45.81	-	-	74	-28.19	-	-	236	357	V
	* 4047.604	39.9	ADR	35.2	-41.6	1.69	35.19	54	-18.81	-	-	-	-	236	357	V
5	* 11158.008	55.92	PK-U	38	-36.1	0	57.82	-	-	74	-16.18	-	-	149	205	H
	* 11158.212	43.72	ADR	38	-36.1	1.69	47.31	54	-6.69	-	-	-	-	149	205	H
6	* 11167.191	52.68	PK-U	38	-36	0	54.68	-	-	74	-19.32	-	-	185	214	V
	* 11165.156	40.51	ADR	38	-36	1.69	44.2	54	-9.8	-	-	-	-	185	214	V

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

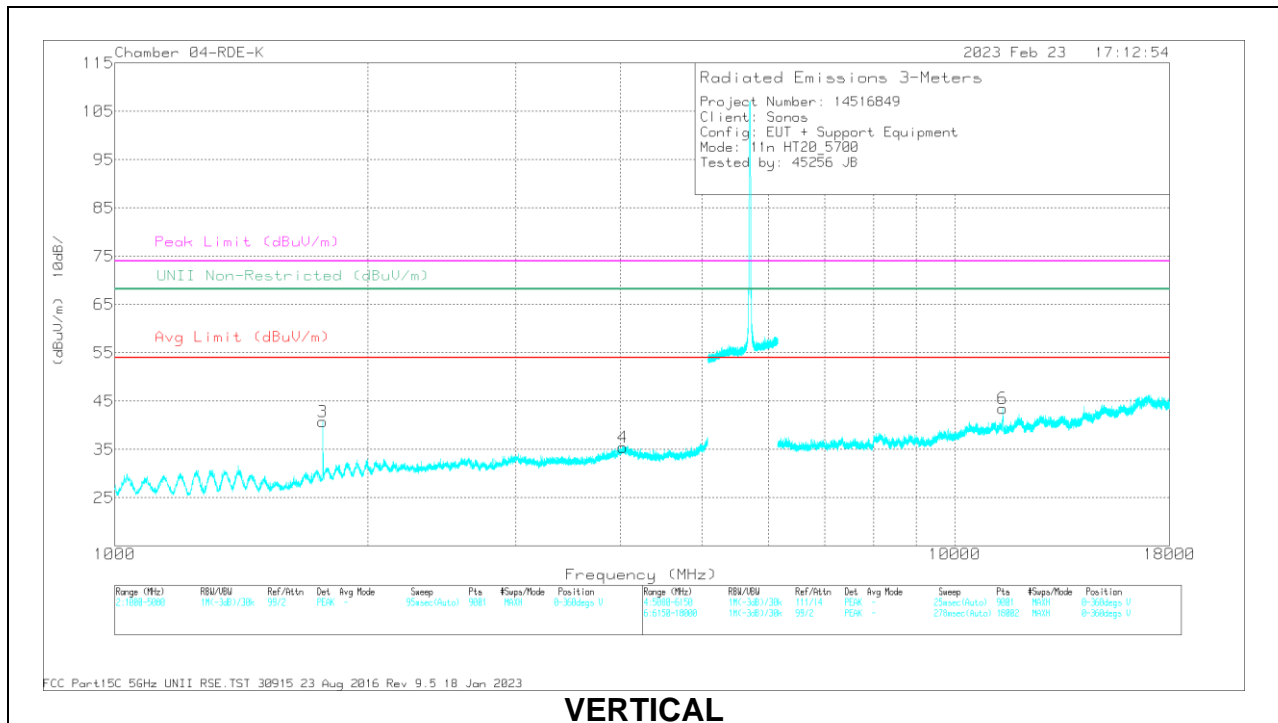
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1764.976	56.9	PK-U	29.8	-46.1	0	40.6	-	-	-	-	68.2	-27.6	315	279	H
2	* 4067.374	51.64	PK-U	35.2	-41.6	0	45.24	-	-	74	-28.76	-	-	70	256	H
	* 4067.836	39.77	ADR	35.2	-41.6	1.69	35.06	54	-18.94	-	-	-	-	70	256	H
3	1768.547	60.8	PK-U	29.9	-46	0	44.7	-	-	-	-	68.2	-23.5	20	173	V
4	* 4026.46	52.45	PK-U	35.2	-41.7	0	45.95	-	-	74	-28.05	-	-	258	251	V
	* 4027.663	40.14	ADR	35.2	-41.7	1.69	35.33	54	-18.67	-	-	-	-	258	251	V
5	* 11400.897	53.17	PK-U	37.8	-35.6	0	55.37	-	-	74	-18.63	-	-	58	104	H
	* 11401.161	40.9	ADR	37.8	-35.6	1.69	44.79	54	-9.21	-	-	-	-	58	104	H
6	* 11397.844	51.9	PK-U	37.8	-35.6	0	54.1	-	-	74	-19.9	-	-	176	268	V
	* 11397.806	39.68	ADR	37.8	-35.6	1.69	43.57	54	-10.43	-	-	-	-	176	268	V

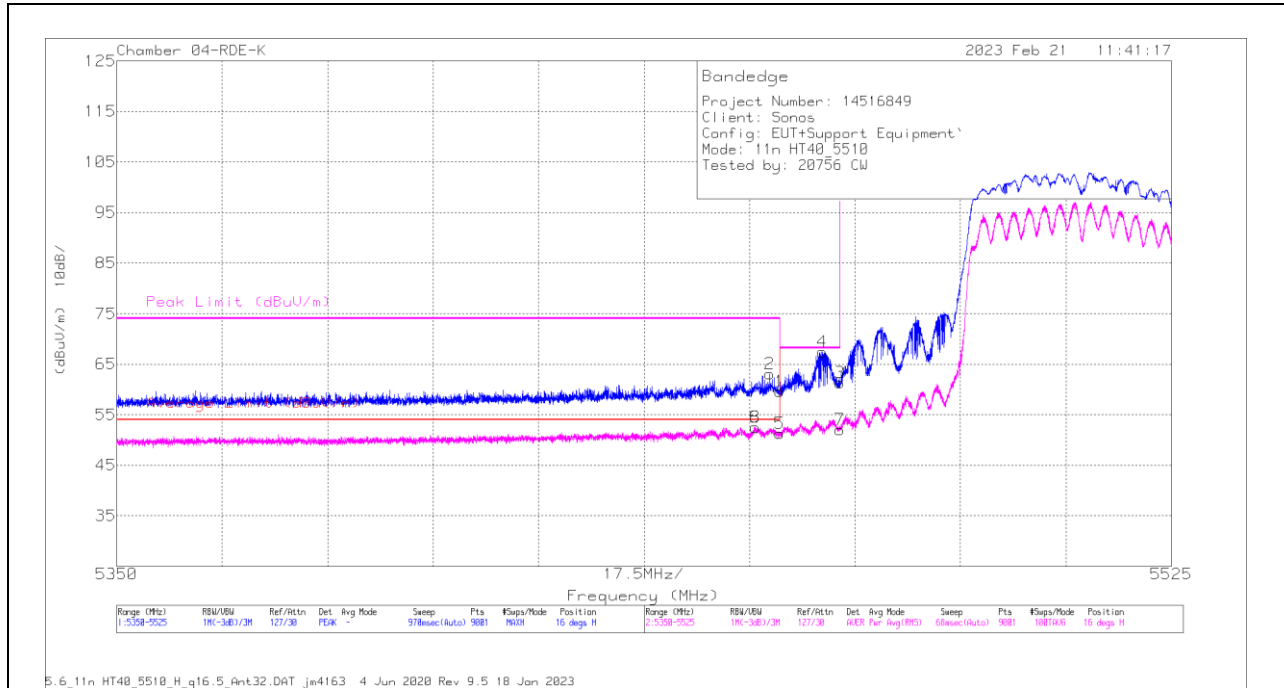
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

#### 2TX Antenna 3 + Antenna 2 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	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	* 5460	55.66	Pk	34.6	-30.6	0	59.66	-	-	68.2	-8.54	16	249	H
2	* 5458.342	59.05	Pk	34.6	-30.6	0	63.05	-	-	74	-10.95	16	249	H
3	5470	57.33	Pk	34.6	-30.6	0	61.33	-	-	68.2	-6.87	16	249	H
4	5467.033	63.58	Pk	34.6	-30.7	0	67.48	-	-	68.2	-7.2	16	249	H
5	* 5460	44.35	RMS	34.6	-30.6	2.96	51.31	54	-2.69	-	-	16	249	H
6	* 5455.97	45.51	RMS	34.6	-30.5	2.96	52.57	54	-1.43	-	-	16	249	H
7	5470	45.02	RMS	34.6	-30.6	2.96	51.98	-	-	-	-	16	249	H
8	* 5455.97	45.51	RMS	34.6	-30.5	2.96	52.57	54	-1.43	-	-	16	249	H

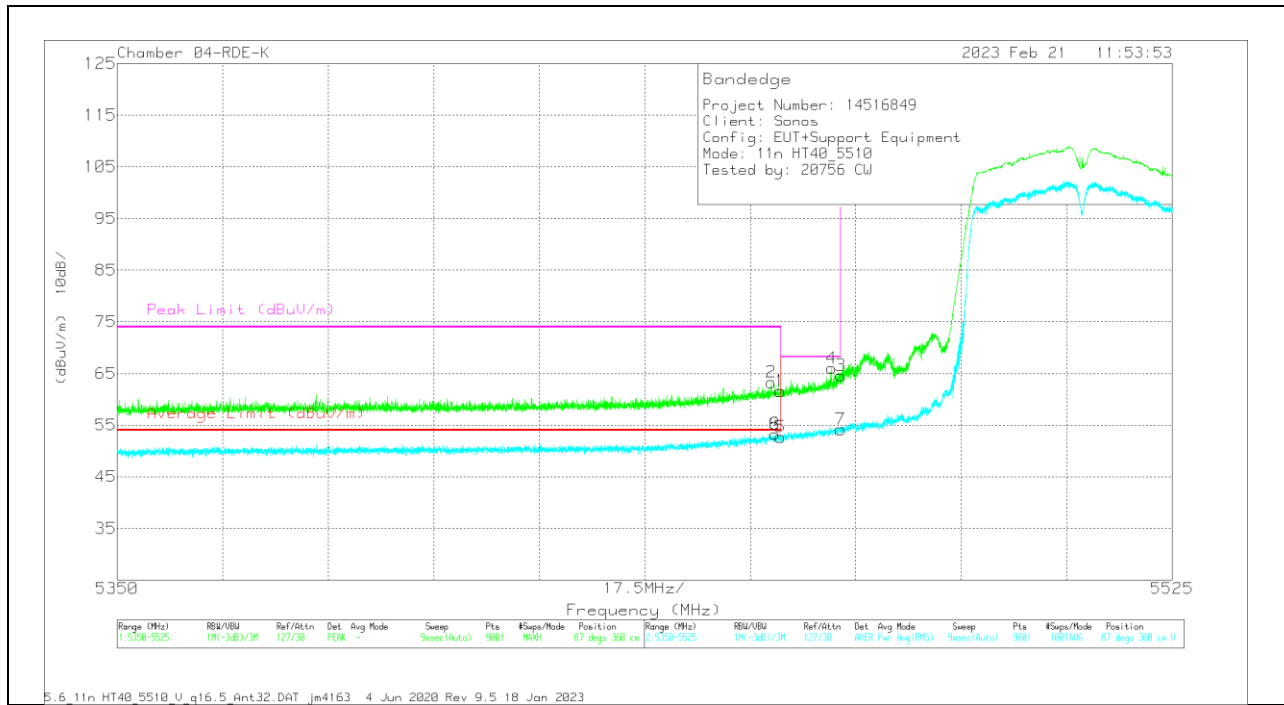
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection



### VERTICAL RESULT



### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	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	* 5460	57.59	Pk	34.6	-30.6	0	61.59	-	-	68.2	-6.61	87	360	V
2	* 5458.498	59.3	Pk	34.6	-30.6	0	63.3	-	-	74	-10.7	87	360	V
3	5470	60.61	Pk	34.6	-30.6	0	64.61	-	-	68.2	-3.59	87	360	V
4	5468.472	62.02	Pk	34.6	-30.6	0	66.02	-	-	68.2	-2.18	87	360	V
5	* 5460	45.76	RMS	34.6	-30.6	2.96	52.72	54	-1.28	-	-	87	360	V
6	* 5459.139	46.39	RMS	34.6	-30.7	2.96	53.25	54	-0.75	-	-	87	360	V
7	5470	47.21	RMS	34.6	-30.6	2.96	54.17	-	-	-	-	87	360	V
8	* 5459.139	46.39	RMS	34.6	-30.7	2.96	53.25	54	-0.75	-	-	87	360	V

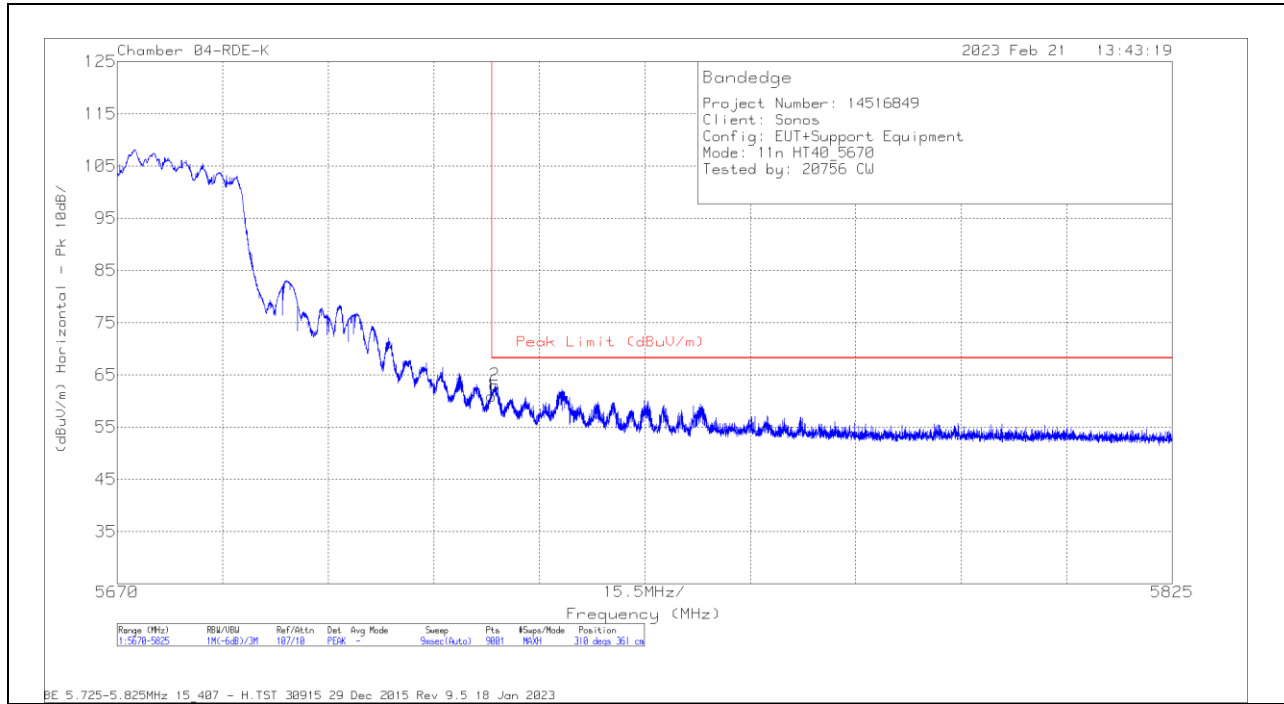
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

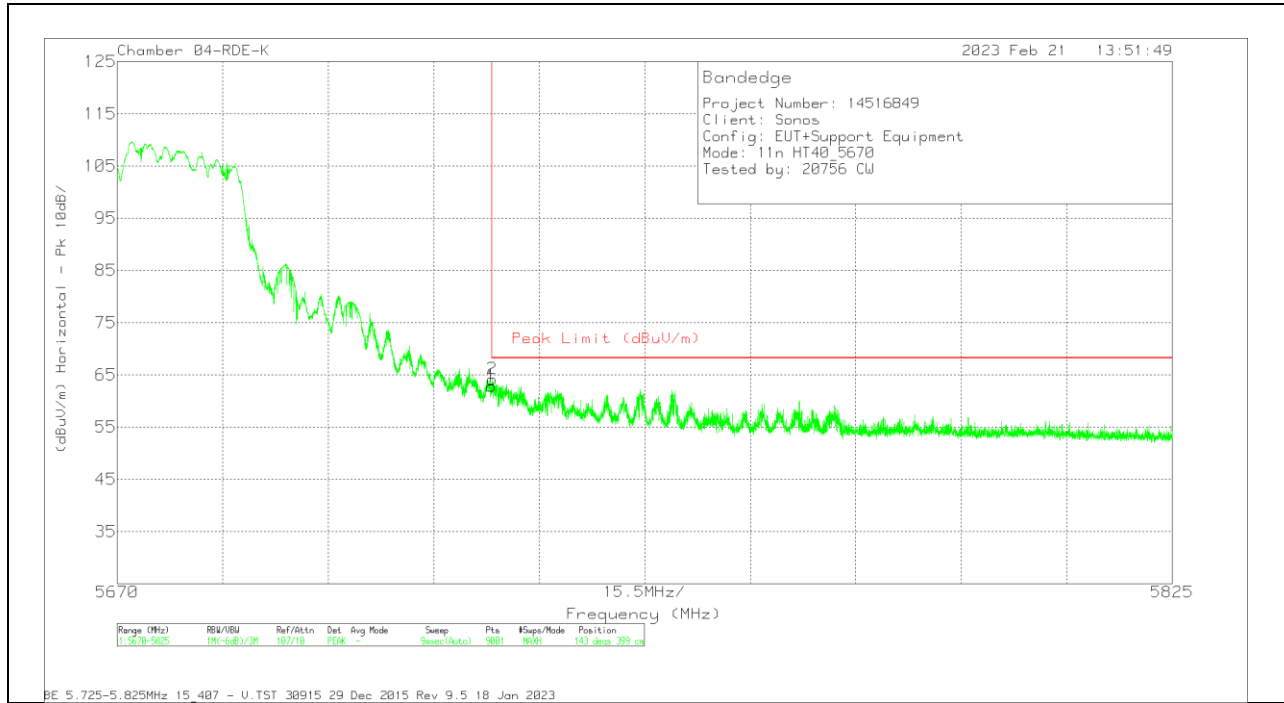


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	56.32	Pk	34.7	-30.1	60.92	68.2	-7.28	310	361	H
2	5725.455	58.46	Pk	34.7	-30.1	63.06	68.2	-5.14	310	361	H

Pk - Peak detector

### VERTICAL RESULT



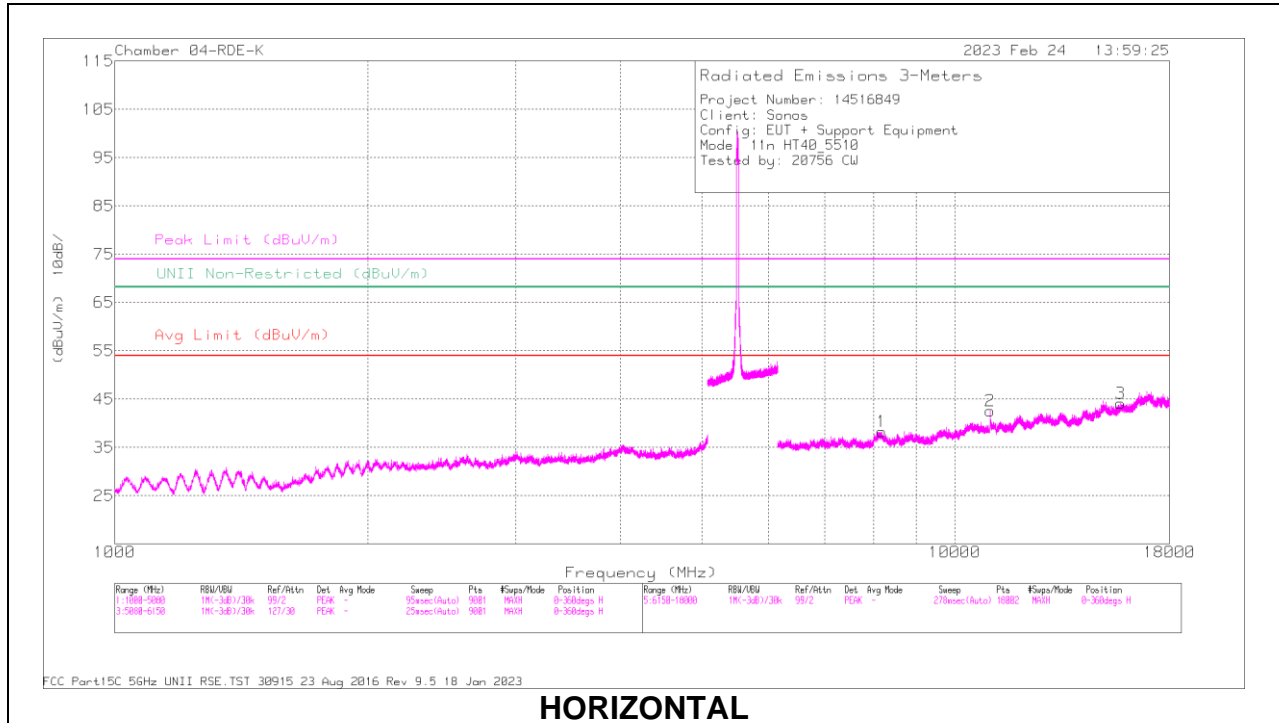
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	58.22	Pk	34.7	-30.1	62.82	68.2	-5.38	143	399	V
2	5725.076	59.59	Pk	34.7	-30.1	64.19	68.2	-4.01	143	399	V

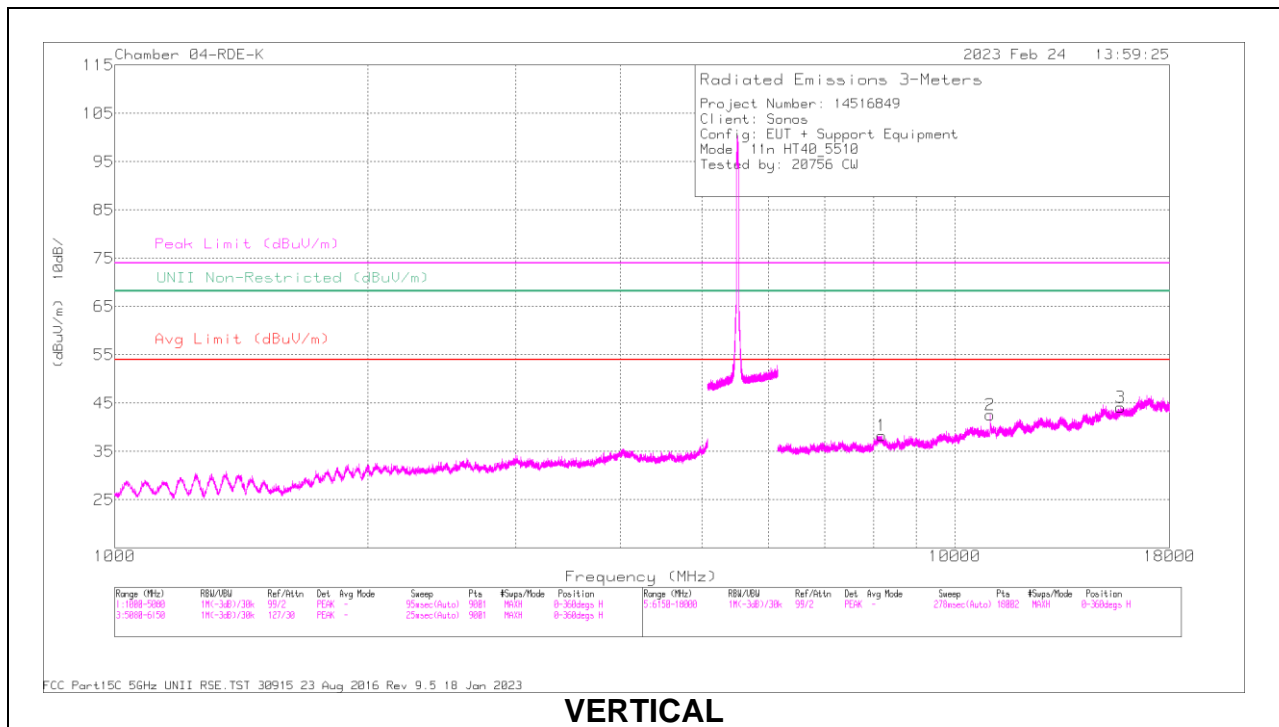
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



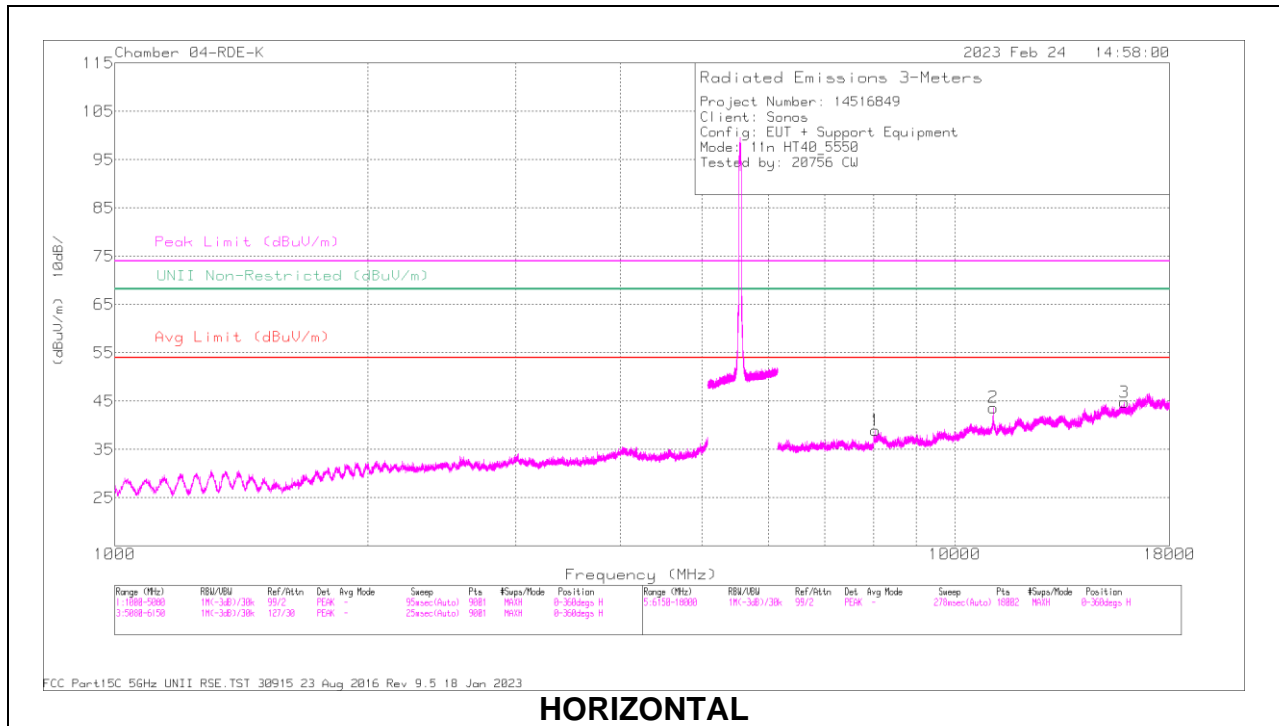
**VERTICAL**

**RADIATED EMISSIONS**

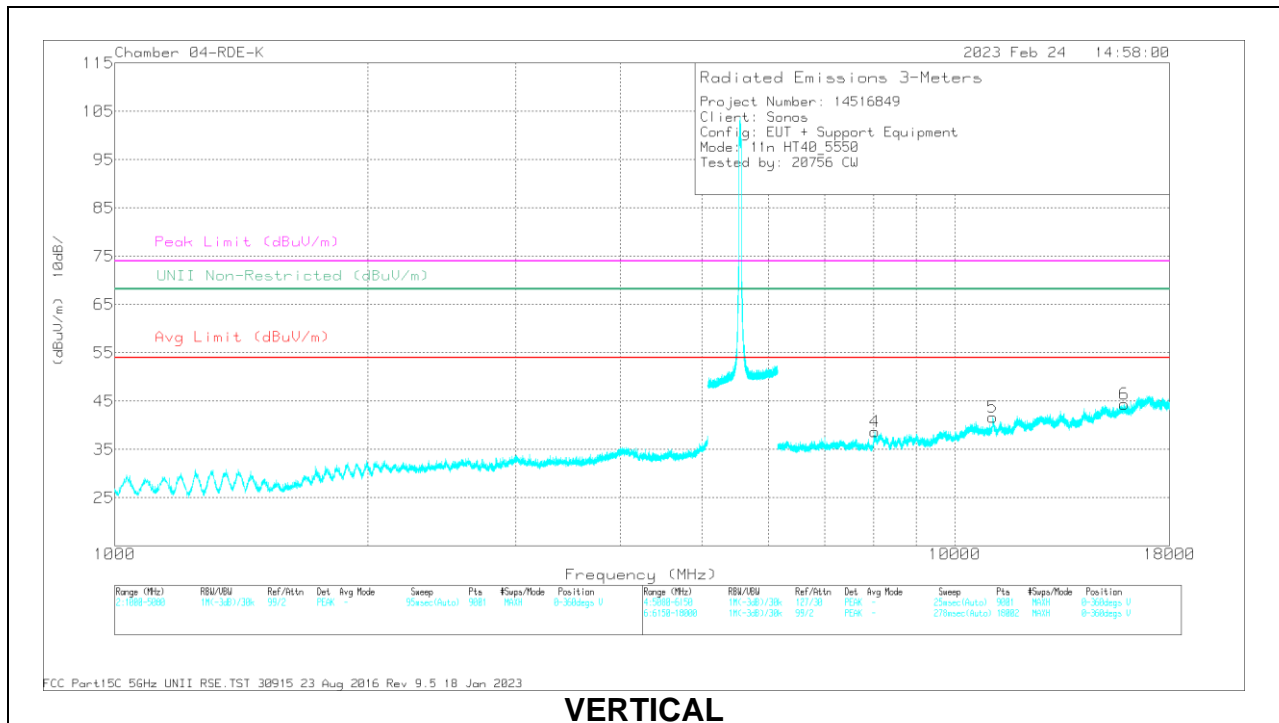
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8179.801	49.58	PK-U	35.9	-37.6	0	47.88	-	-	74	-26.12	-	-	358	383	H
	* 8182.77	37.53	ADR	35.9	-37.6	2.96	38.79	54	-15.21	-	-	-	-	358	383	H
2	* 11020.852	49.72	PK-U	38	-36.6	0	51.12	-	-	74	-22.88	-	-	226	343	H
	* 11020.979	37.16	ADR	38	-36.6	2.96	41.52	54	-12.48	-	-	-	-	226	343	H
3	* 15735.38	46.7	PK-U	40.1	-33.5	0	53.3	-	-	74	-20.7	-	-	43	138	H
	* 15735.509	34.93	ADR	40.1	-33.5	2.96	44.49	54	-9.51	-	-	-	-	43	138	H
4	* 7350.168	48.3	PK-U	35.7	-37	0	47	-	-	74	-27	-	-	244	301	V
	* 7349.638	36.46	ADR	35.7	-37	2.96	38.12	54	-15.88	-	-	-	-	244	301	V
5	* 11022.866	53.02	PK-U	38	-36.5	0	54.52	-	-	74	-19.48	-	-	130	196	V
	* 11022.967	39.94	ADR	38	-36.5	2.96	44.4	54	-9.6	-	-	-	-	130	196	V
6	* 15819.649	46.65	PK-U	40.2	-33.2	0	53.65	-	-	74	-20.35	-	-	11	254	V
	* 15819.546	34.95	ADR	40.2	-33.2	2.96	44.91	54	-9.09	-	-	-	-	11	254	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**



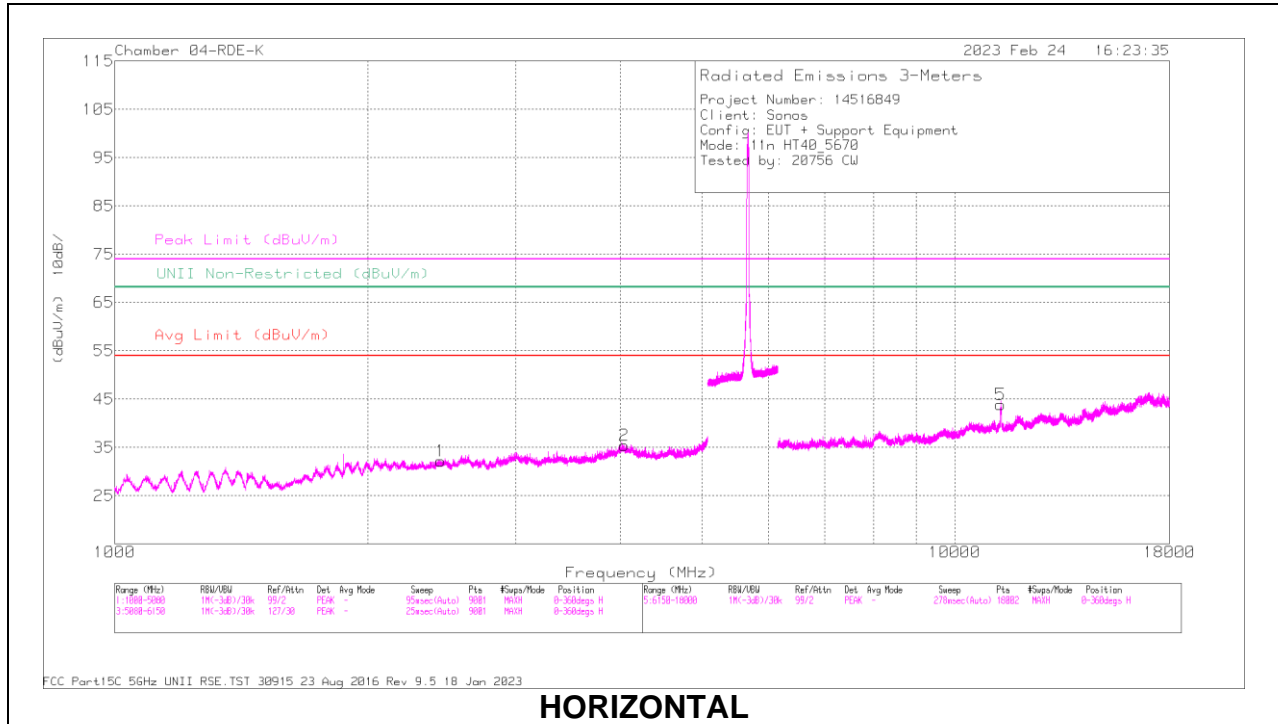
**VERTICAL**

**RADIATED EMISSIONS**

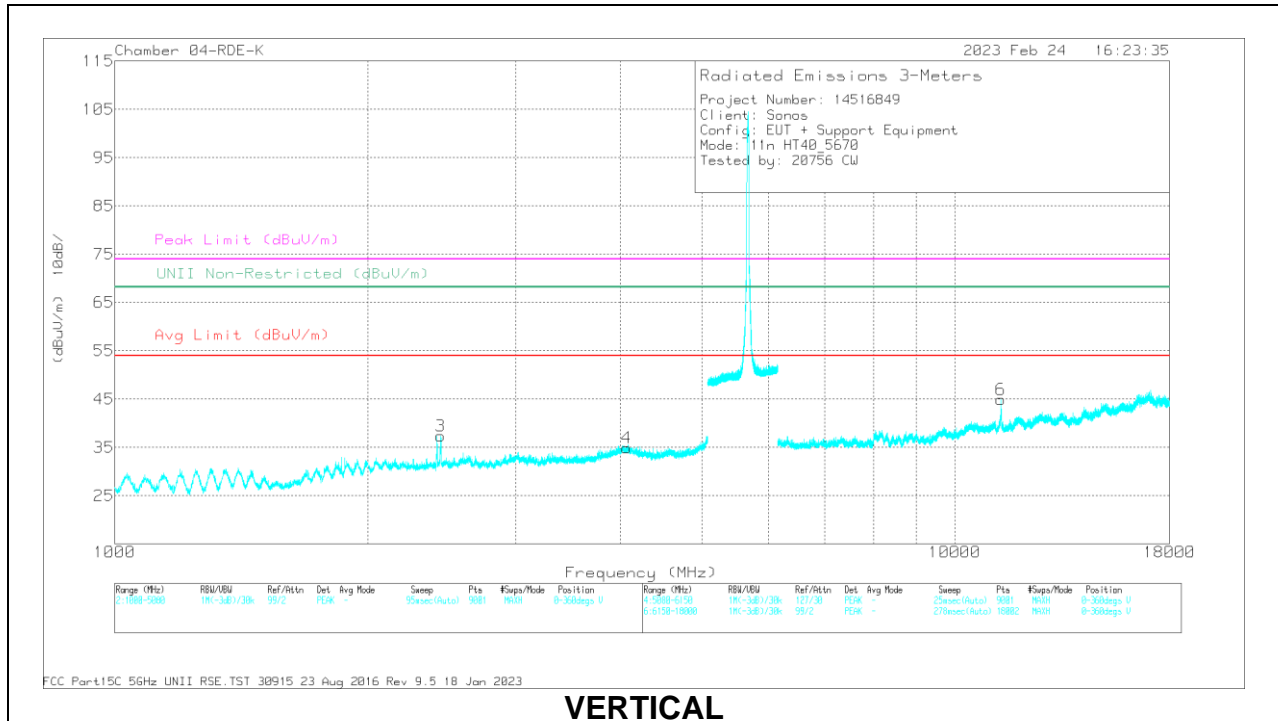
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8043.454	49.44	PK-U	35.9	-37.3	0	48.04	-	-	74	-25.96	-	-	300	287	H
	* 8045.238	37.04	ADR	35.9	-37.3	2.96	38.6	54	-15.4	-	-	-	-	300	287	H
2	* 11103.544	51.39	PK-U	38	-36.5	0	52.89	-	-	74	-21.11	-	-	140	206	H
	* 11103.28	38.84	ADR	38	-36.5	2.96	43.3	54	-10.7	-	-	-	-	140	206	H
3	* 15893.023	46.37	PK-U	40.2	-32.9	0	53.67	-	-	74	-20.33	-	-	64	114	H
	* 15892.876	34.66	ADR	40.2	-32.9	2.96	44.92	54	-9.08	-	-	-	-	64	114	H
4	8020.961	49.22	PK-U	35.9	-37.6	0	47.52	-	-	-	-	68.2	-20.68	309	361	V
5	* 11088.539	49.68	PK-U	38	-36.5	0	51.18	-	-	74	-22.82	-	-	242	135	V
	* 11088.578	37.56	ADR	38	-36.5	2.96	42.02	54	-11.98	-	-	-	-	242	135	V
6	* 15906.899	46.95	PK-U	40.2	-33.1	0	54.05	-	-	74	-19.95	-	-	230	397	V
	* 15906.659	34.81	ADR	40.2	-33.1	2.96	44.87	54	-9.13	-	-	-	-	230	397	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	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2438.051	55.73	PK-U	32	-44.5	0	43.23	-	-	-	-	68.2	-24.97	2	268	H
2	* 4035.807	51.51	PK-U	35.2	-41.6	0	45.11	-	-	74	-28.89	-	-	59	341	H
	* 4037.254	39.7	ADR	35.2	-41.6	2.96	36.26	54	-17.74	-	-	-	-	59	341	H
3	2446.46	54.8	PK-U	32	-44.5	0	42.3	-	-	-	-	68.2	-25.9	216	309	V
4	* 4069.71	52.39	PK-U	35.2	-41.6	0	45.99	-	-	74	-28.01	-	-	13	237	V
	* 4067.496	39.93	ADR	35.2	-41.6	2.96	36.49	54	-17.51	-	-	-	-	13	237	V
5	* 11331.211	53.84	PK-U	37.8	-35.6	0	56.04	-	-	74	-17.96	-	-	134	213	H
	* 11333.313	42.41	ADR	37.8	-35.6	2.96	47.57	54	-6.43	-	-	-	-	134	213	H
6	* 11340.865	53.91	PK-U	37.8	-35.4	0	56.31	-	-	74	-17.69	-	-	174	197	V
	* 11340.803	41.02	ADR	37.8	-35.4	2.96	46.38	54	-7.62	-	-	-	-	174	197	V

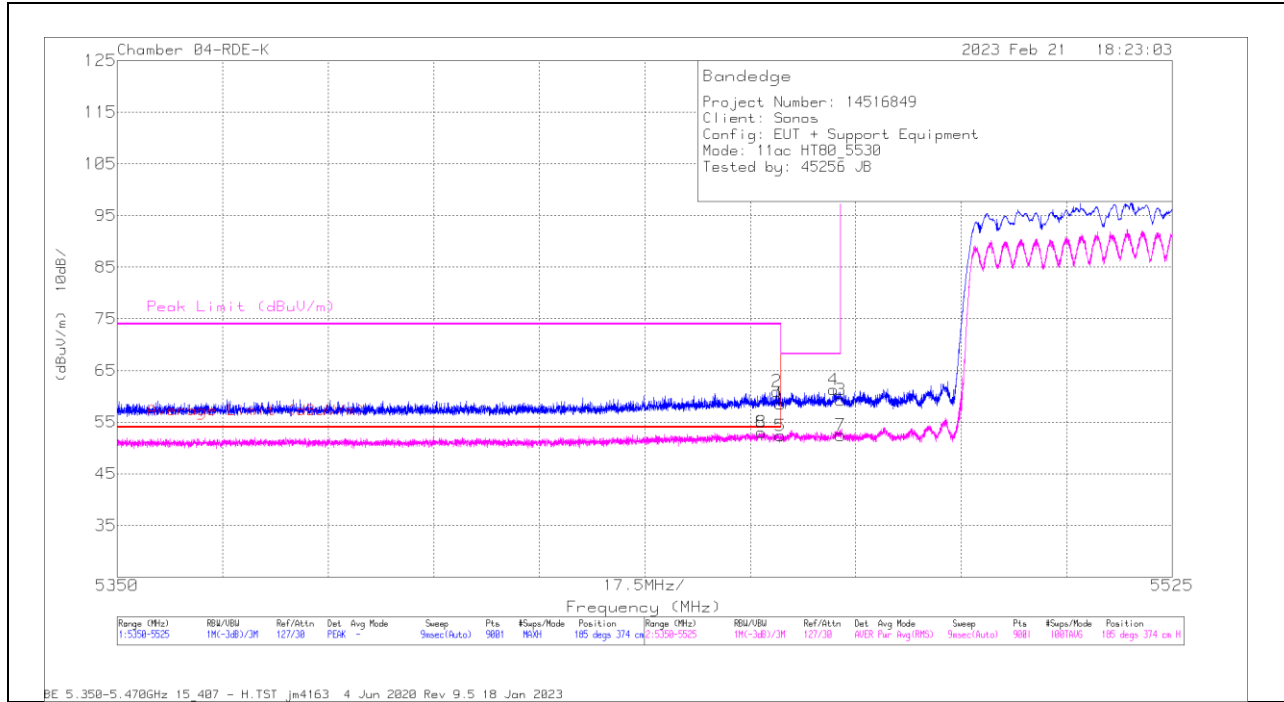
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

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

#### 2TX Antenna 3 + Antenna 2 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



#### Trace Markers

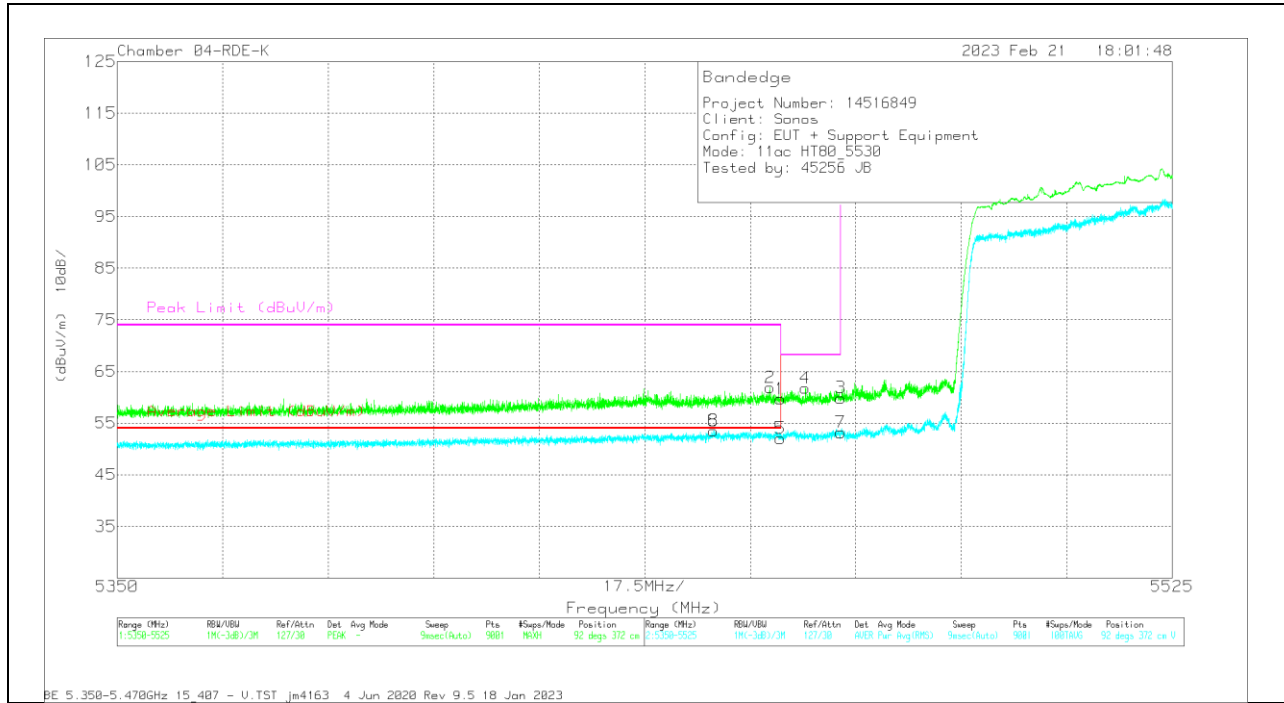
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5460	54.53	Pk	34.6	-30.6	0	58.53	-	-	68.2	-9.67	185	374	H
2	* 5459.392	56.94	Pk	34.6	-30.6	0	60.94	-	-	74	-13.06	185	374	H
3	5470	55.29	Pk	34.6	-30.6	0	59.29	-	-	68.2	-8.91	185	374	H
4	5468.803	57.25	Pk	34.6	-30.6	0	61.25	-	-	68.2	-6.95	185	374	H
5	* 5460	43.68	RMS	34.6	-30.6	4.69	52.37	54	-1.63	-	-	185	374	H
6	* 5456.806	44.37	RMS	34.6	-30.6	4.69	53.06	54	-0.94	-	-	185	374	H
7	5470	43.78	RMS	34.6	-30.6	4.69	52.47	-	-	-	-	185	374	H
8	* 5456.806	44.37	RMS	34.6	-30.6	4.69	53.06	54	-0.94	-	-	185	374	H

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

Pk - Peak detector

RMS - RMS detection

### VERTICAL RESULT



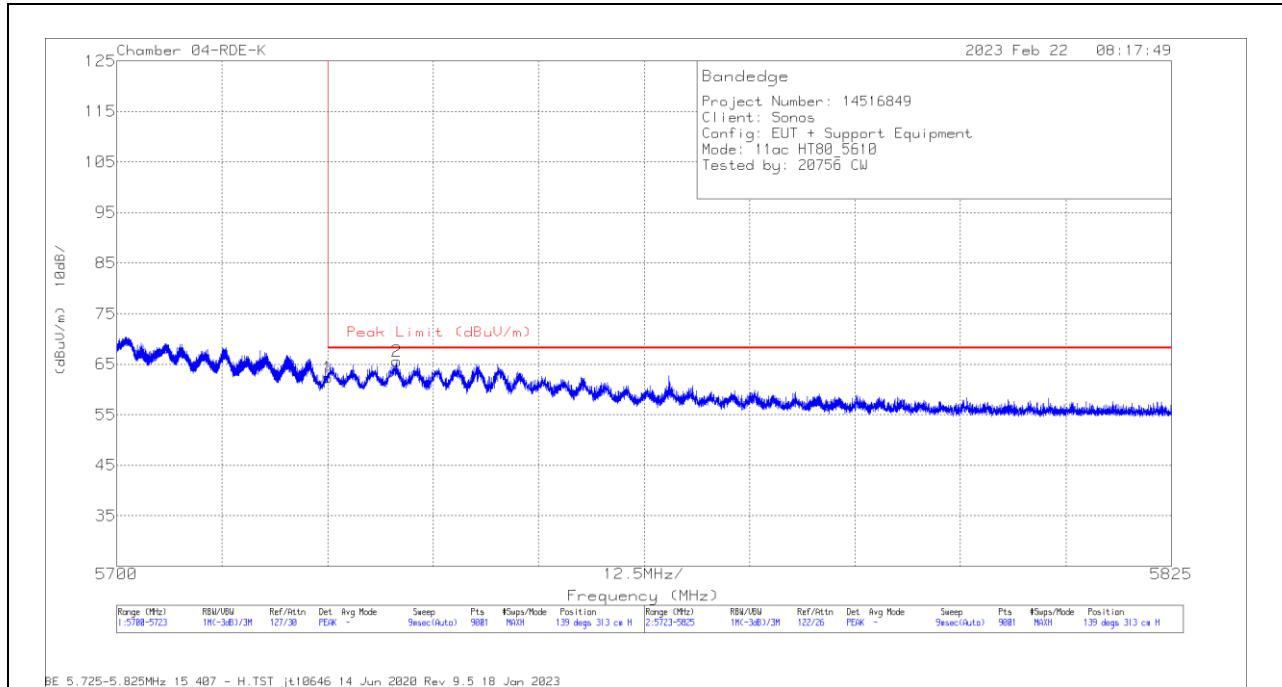
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	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	* 5460	55.67	Pk	34.6	-30.6	0	59.67	-	-	68.2	-8.53	92	372	V
2	* 5458.264	57.86	Pk	34.6	-30.6	0	61.86	-	-	74	-12.14	92	372	V
3	5470	55.87	Pk	34.6	-30.6	0	59.87	-	-	68.2	-8.33	92	372	V
4	5464.156	57.75	Pk	34.6	-30.6	0	61.75	-	-	68.2	-6.45	92	372	V
5	* 5460	43.35	RMS	34.6	-30.6	4.69	52.04	54	-1.96	-	-	92	372	V
6	* 5448.931	44.83	RMS	34.6	-30.6	4.69	53.52	54	-4.8	-	-	92	372	V
7	5470	44.52	RMS	34.6	-30.6	4.69	53.21	-	-	-	-	92	372	V
8	* 5448.931	44.83	RMS	34.6	-30.6	4.69	53.52	54	-4.8	-	-	92	372	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

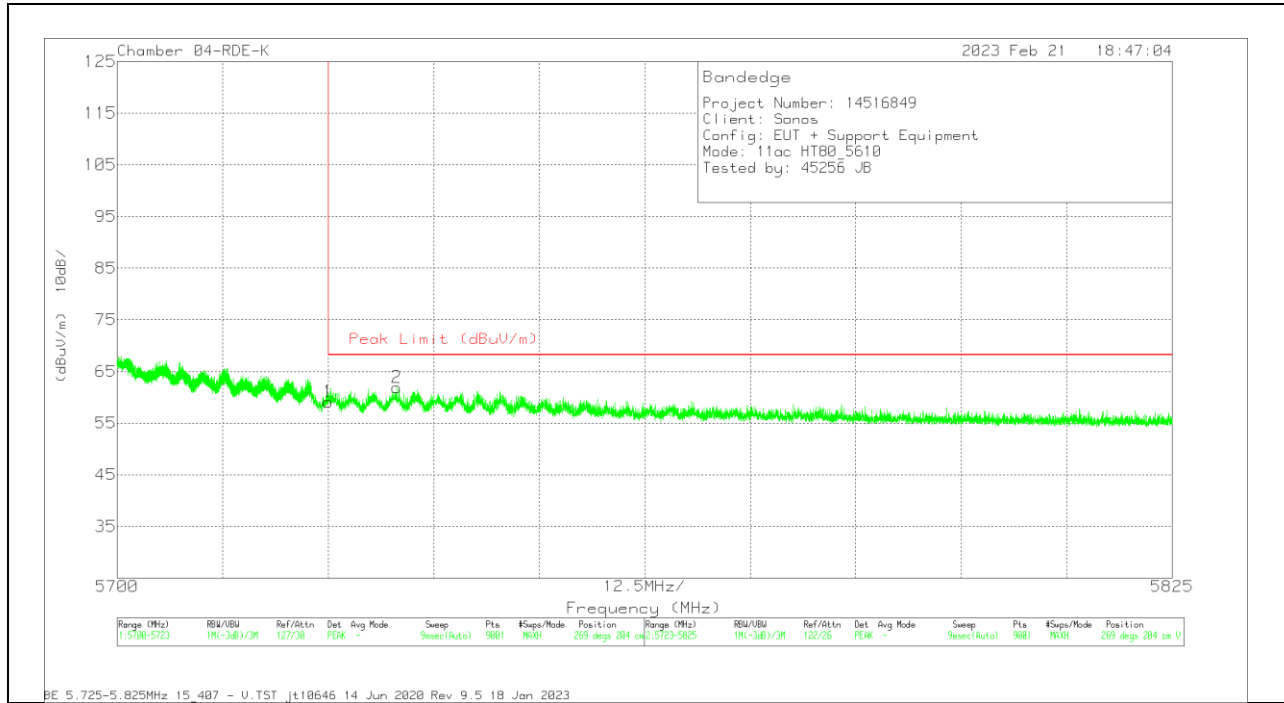


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	57.69	Pk	34.7	-30.1	62.29	68.2	-5.91	139	313	H
2	5733.177	60.81	Pk	34.7	-30	65.51	68.2	-2.69	139	313	H

Pk - Peak detector

### VERTICAL RESULT



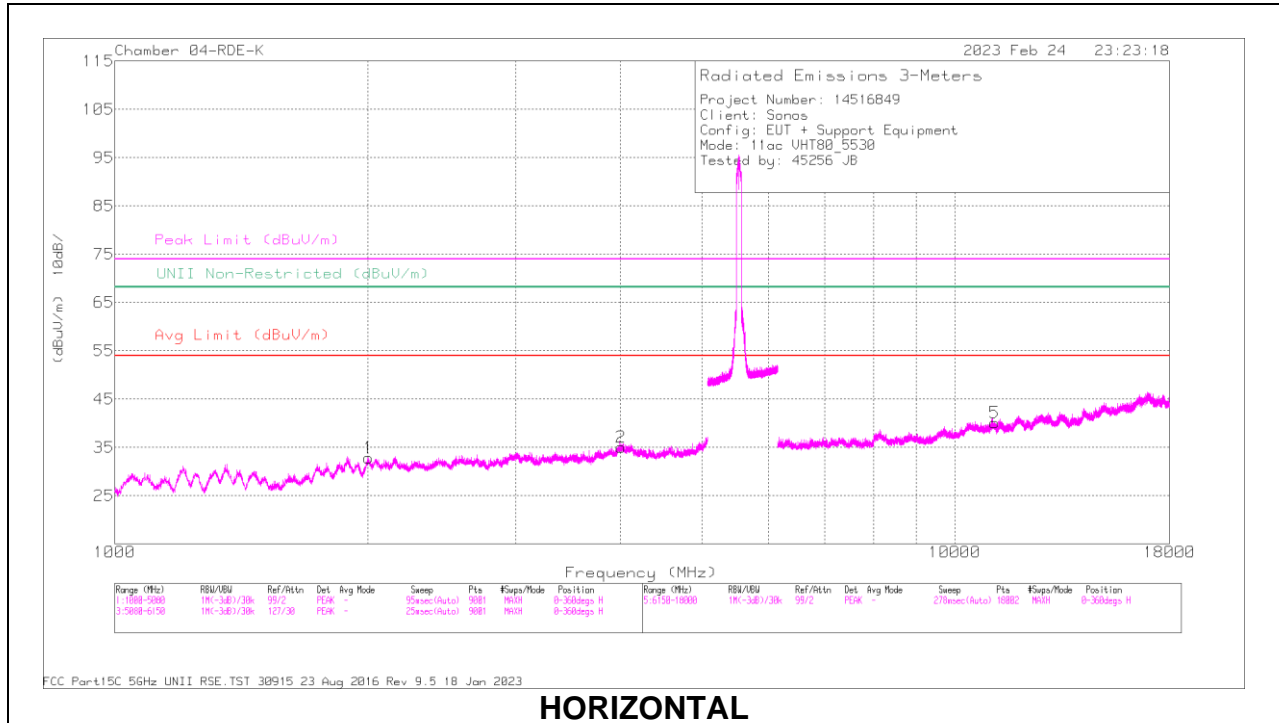
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	54.52	Pk	34.7	-30.1	59.12	68.2	-9.08	269	204	V
2	5733.109	57.21	Pk	34.7	-30	61.91	68.2	-6.29	269	204	V

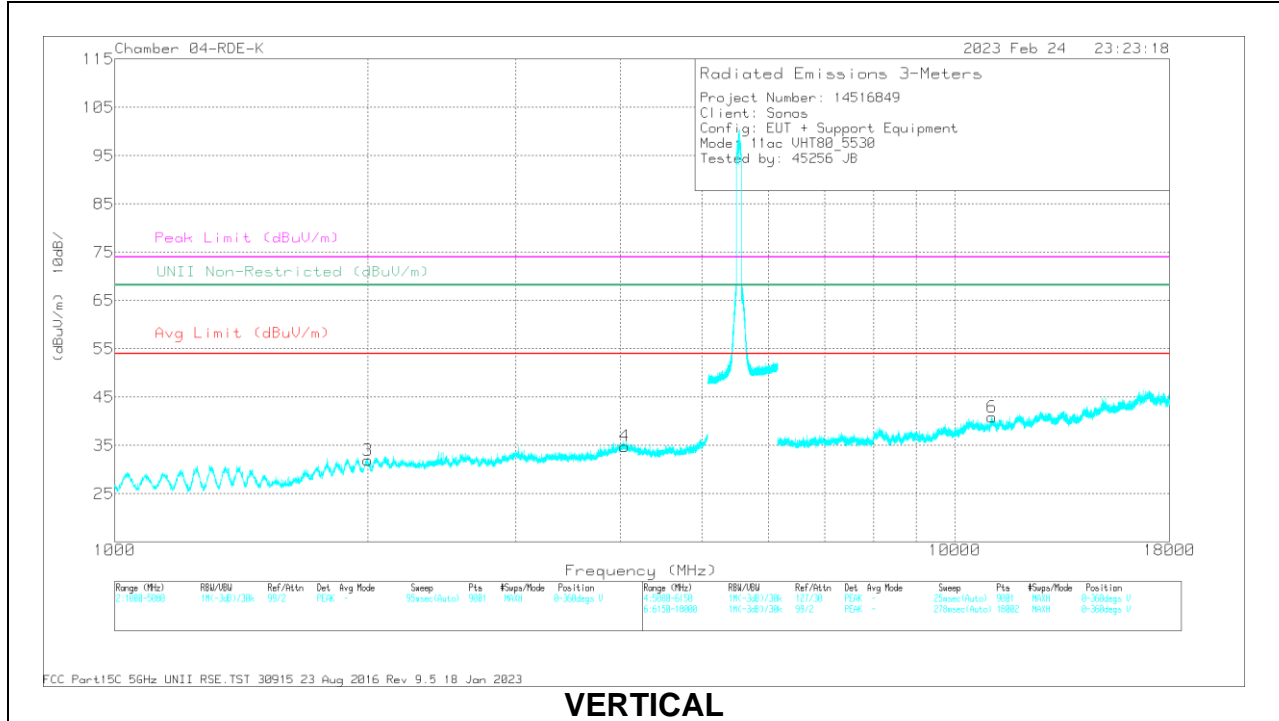
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



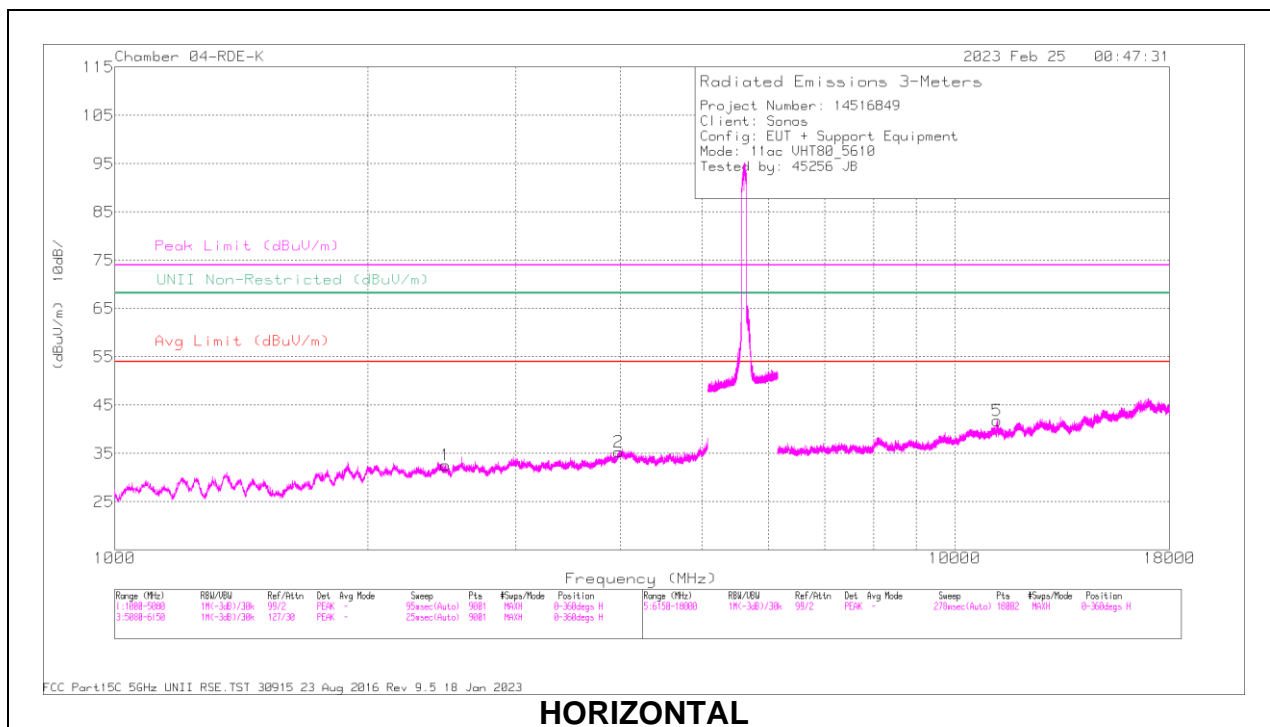
**VERTICAL**

**RADIATED EMISSIONS**

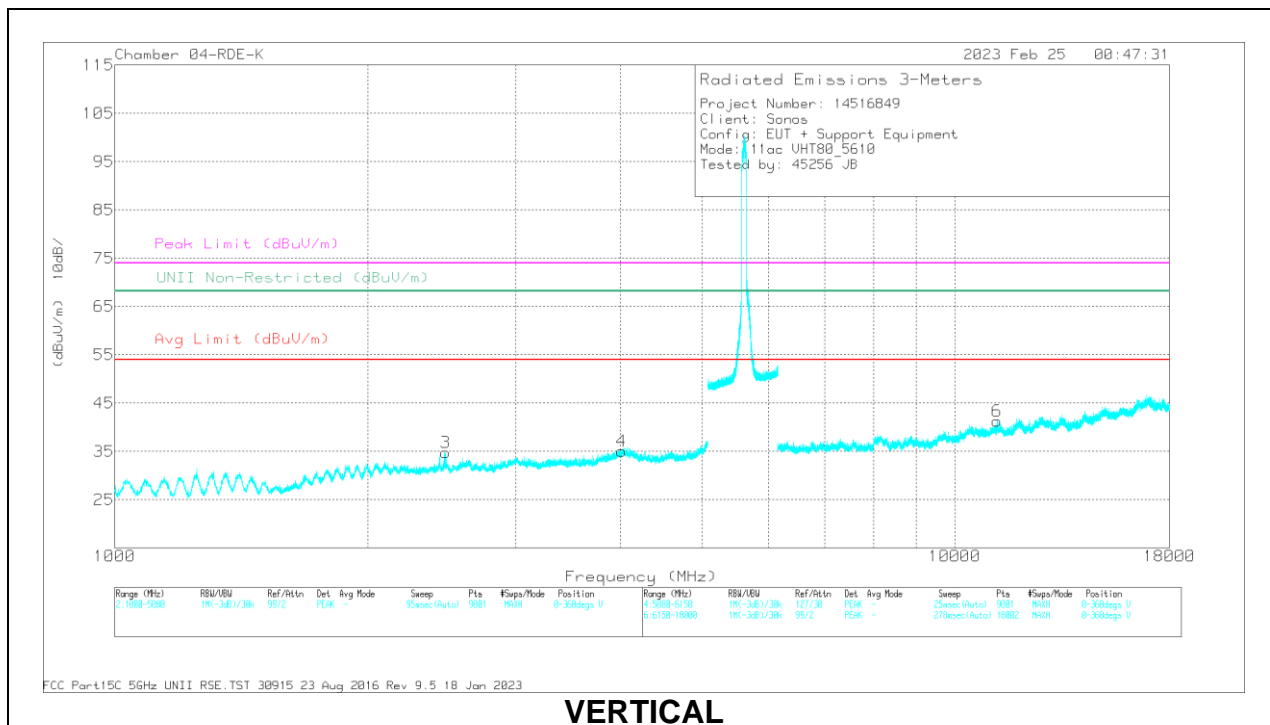
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2004.009	56.25	PK-U	31.7	-45.7	0	42.25	-	-	-	-	68.2	-25.95	179	238	H
2	* 4006.544	51.99	PK-U	35.1	-41.6	0	45.49	-	-	74	-28.51	-	-	32	236	H
	* 4004.274	39.97	ADR	35.1	-41.6	4.69	38.16	54	-15.84	-	-	-	-	32	236	H
3	1997.523	56.8	PK-U	31.6	-45.6	0	42.8	-	-	-	-	68.2	-25.4	341	155	V
4	* 4047.028	51.56	PK-U	35.2	-41.6	0	45.16	-	-	74	-28.84	-	-	279	182	V
	* 4046.853	39.62	ADR	35.2	-41.6	4.69	37.91	54	-16.09	-	-	-	-	279	182	V
5	* 11155.739	48.13	PK-U	38	-36.1	0	50.03	-	-	74	-23.97	-	-	217	145	H
	* 11153.14	35.92	ADR	38	-36.2	4.69	42.41	54	-11.59	-	-	-	-	217	145	H
6	* 11070.223	48.94	PK-U	38	-36.5	0	50.44	-	-	74	-23.56	-	-	214	187	V
	* 11069.38	36.72	ADR	38	-36.5	4.69	42.91	54	-11.09	-	-	-	-	214	187	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	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2477.912	54.98	PK-U	32.2	-44.2	0	42.98	-	-	-	-	68.2	-25.22	72	301	H
2	* 3975.386	51.79	PK-U	34.9	-41.7	0	44.99	-	-	74	-29.01	-	-	118	143	H
	* 3976.535	39.91	ADR	34.9	-41.7	4.69	37.8	54	-16.2	-	-	-	-	118	143	H
3	2477.629	55.29	PK-U	32.2	-44.2	0	43.29	-	-	-	-	68.2	-24.91	301	382	V
4	* 4010.272	52.32	PK-U	35.2	-41.7	0	45.62	-	-	74	-28.18	-	-	287	373	V
	* 4012.167	39.93	ADR	35.2	-41.7	4.69	38.12	54	-15.88	-	-	-	-	287	373	V
5	* 11225.749	52.29	PK-U	37.9	-36.2	0	53.99	-	-	74	-20.01	-	-	142	234	H
	* 11225.992	39.16	ADR	37.9	-36.3	4.69	45.45	54	-8.55	-	-	-	-	142	234	H
6	* 11220.568	50.21	PK-U	37.9	-36.1	0	52.01	-	-	74	-21.99	-	-	30	362	V
	* 11220.471	37.46	ADR	37.9	-36.2	4.69	43.85	54	-10.15	-	-	-	-	30	362	V

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

PK-U - U-NII: Maximum Peak

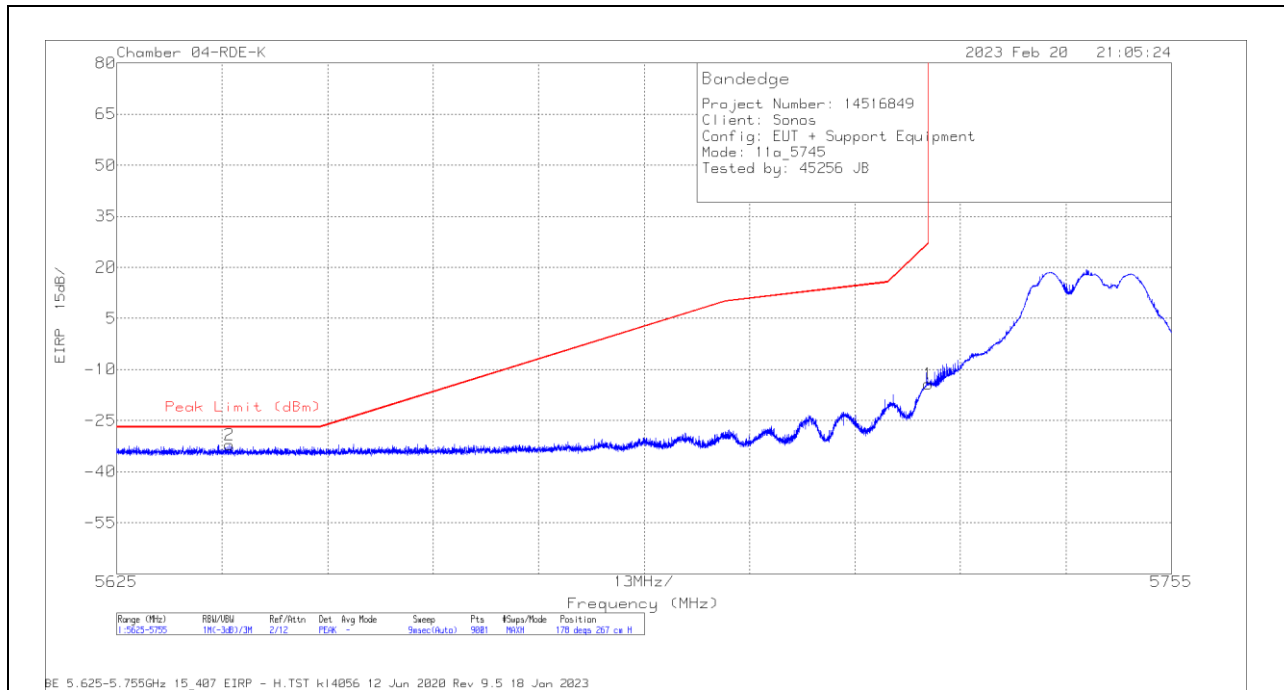
ADR - U-NII AD primary method, RMS average

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

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

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

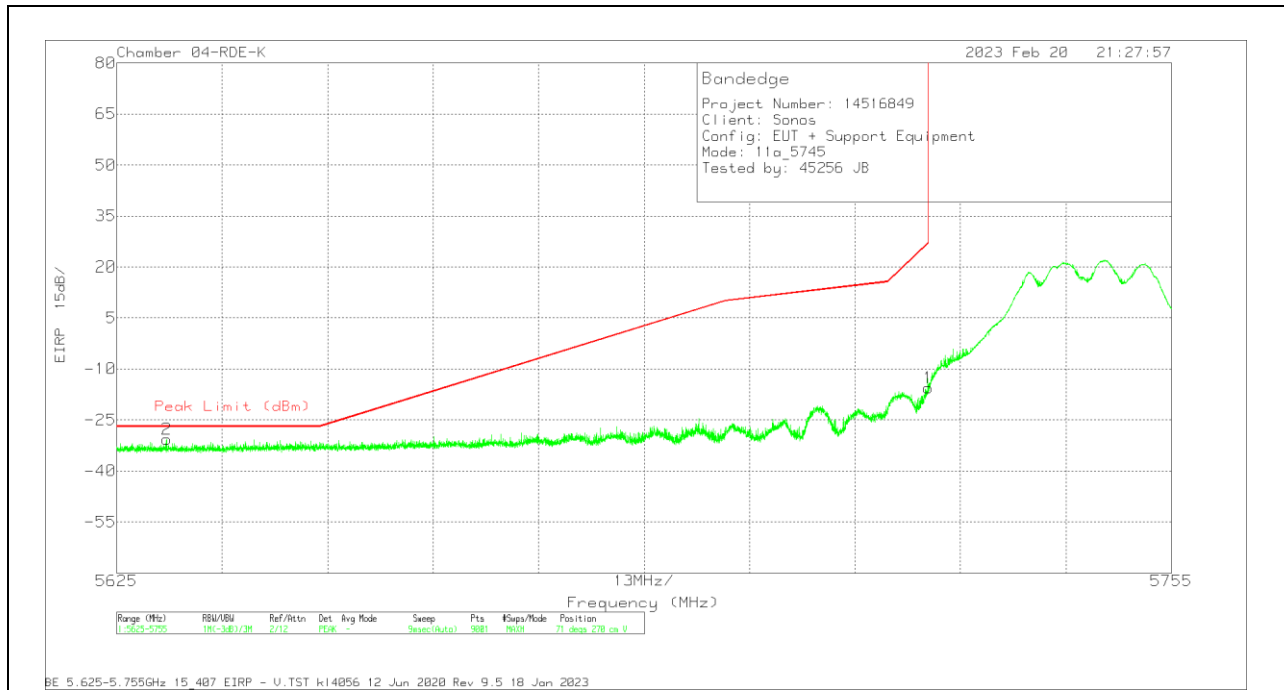


#### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-54.13	Pk	34.7	-6.7	11.8	-14.33	27	-41.33	178	267	H
2	5638.881	-71.47	Pk	34.6	-7.1	11.8	-32.17	-27	-5.17	178	267	H

Pk - Peak detector

### VERTICAL RESULT



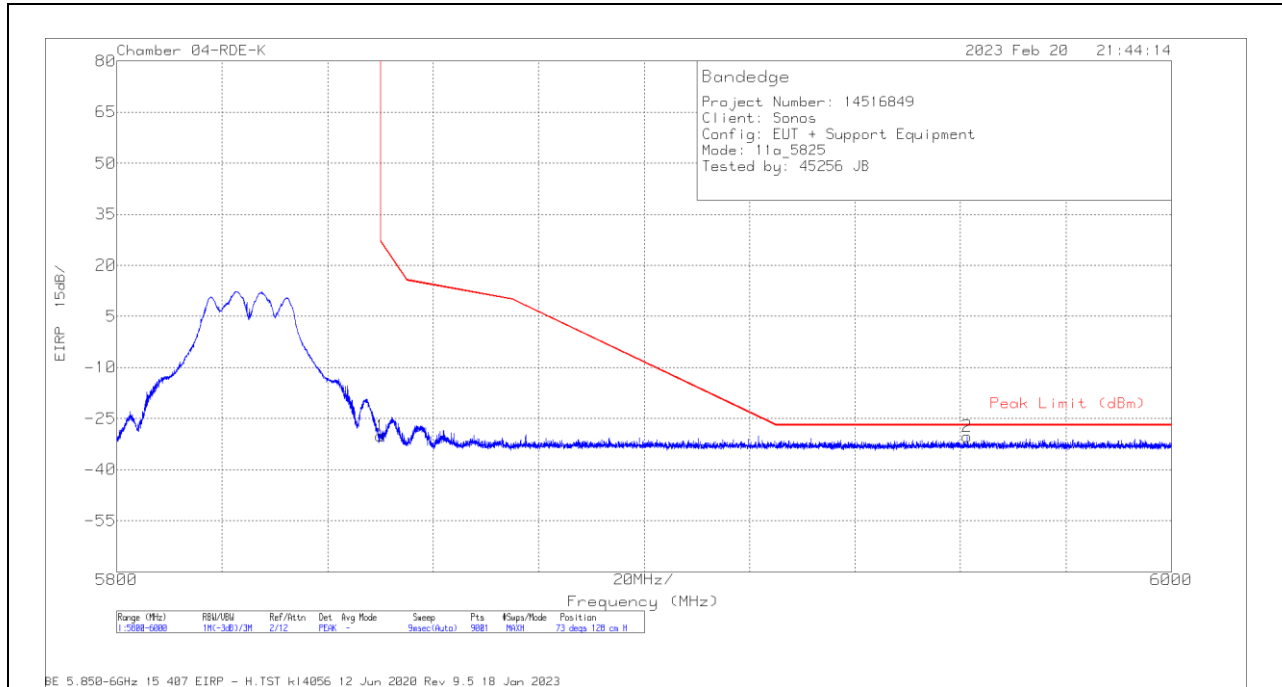
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5725	-55.29	Pk	34.7	-6.7	11.8	-15.49	27	-42.49	71	270	V
2	5631.139	-70.12	Pk	34.6	-7	11.8	-30.72	-27	-3.72	71	270	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

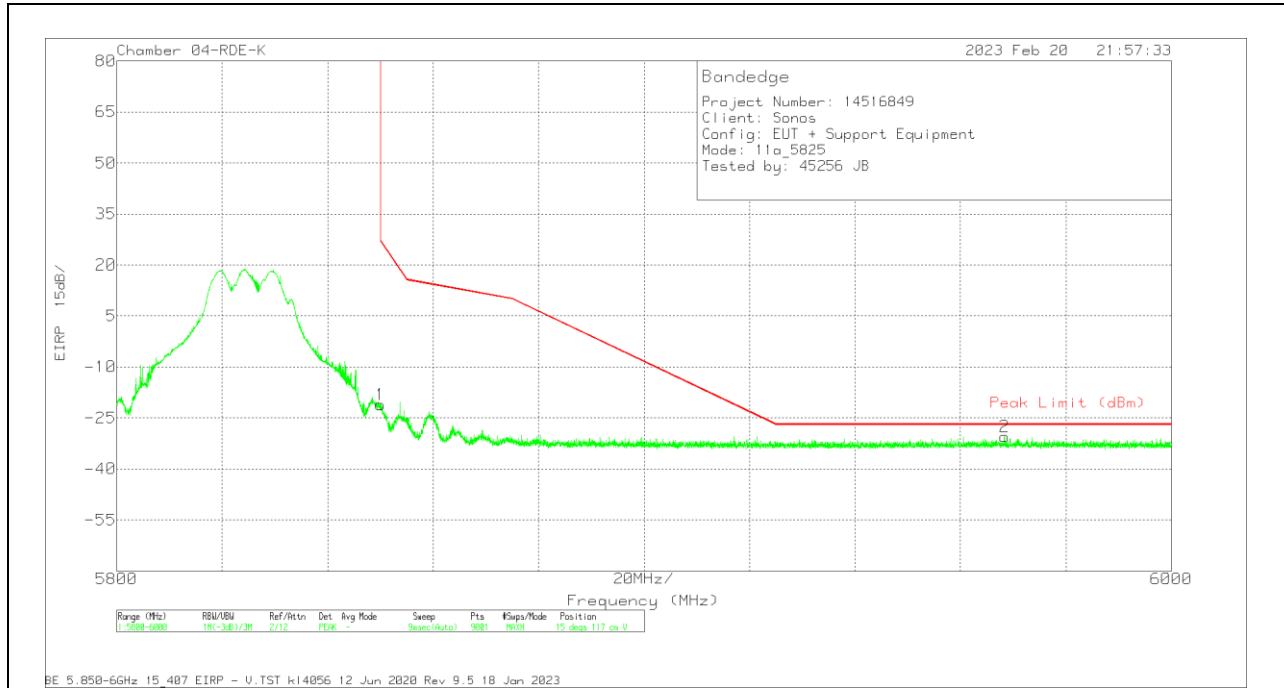


**Trace Markers**

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cb/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-70.15	Pk	34.8	-6.6	11.8	-30.15	27	-57.15	73	128	H
2	5961.287	-70.81	Pk	35	-6.2	11.8	-30.21	-27	-3.21	73	128	H

Pk - Peak detector

### VERTICAL RESULT



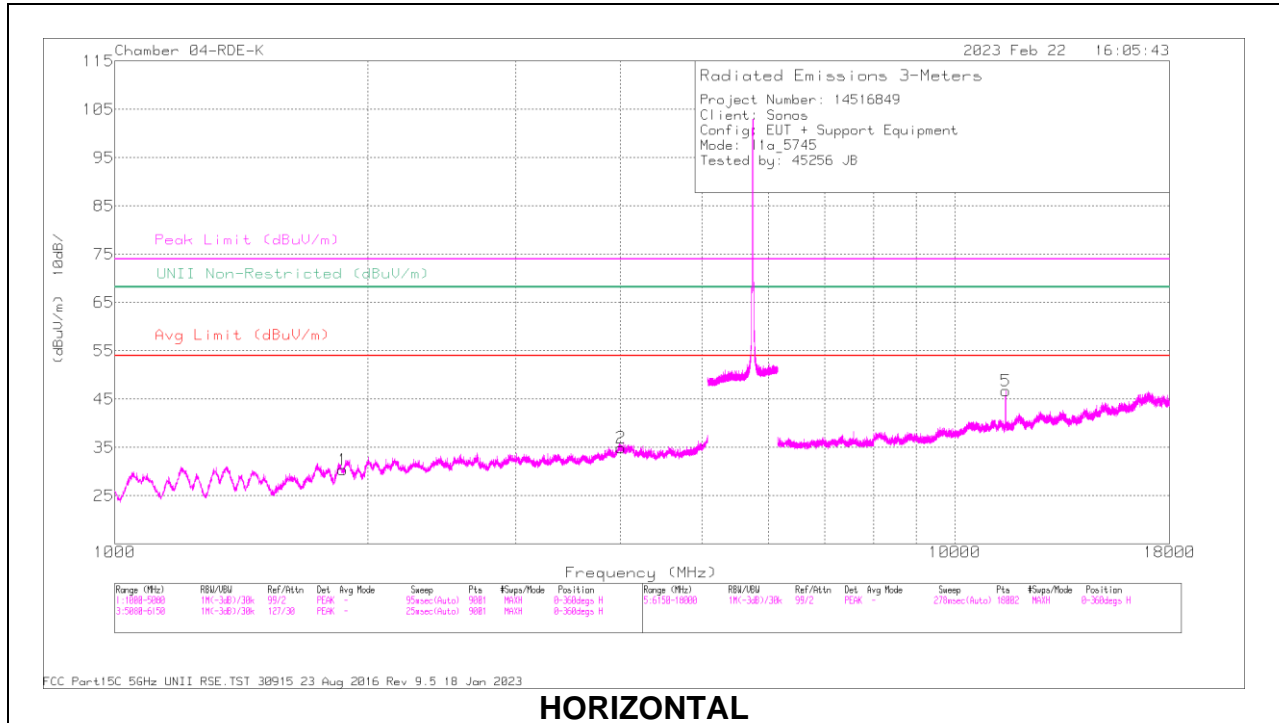
### Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5850	-61.06	Pk	34.8	-6.6	11.8	-21.06	27	-48.06	15	117	V
2	5968.332	-71.02	Pk	35	-6.3	11.8	-30.52	-27	-3.52	15	117	V

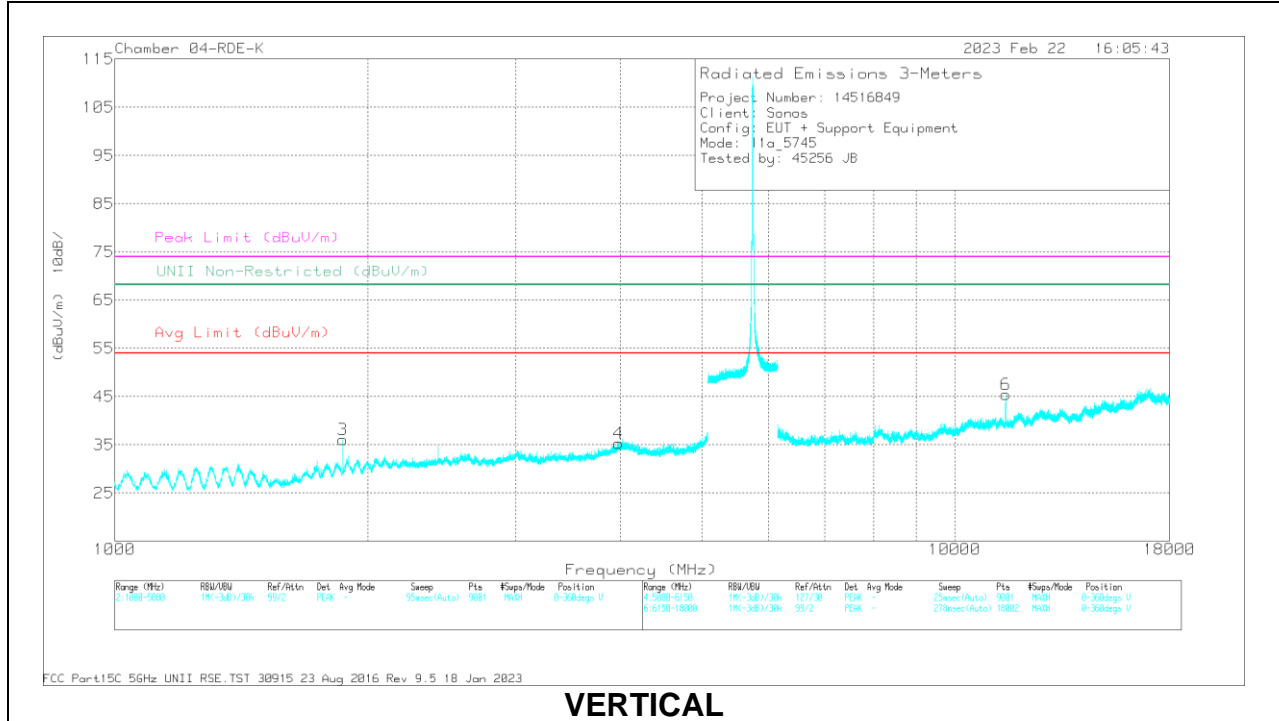
Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	223083 ACF (dB) 3mH	Amp/Cbl/Fitr (dB)	DCCF (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1867.834	55.57	PK-U	30.8	-45.6	0	40.77	-	-	-	-	68.2	-27.43	136	319	H
2	* 4005.162	51.7	PK-U	35.1	-41.6	0	45.2	-	-	74	-28.8	-	-	344	255	H
	* 4005.313	40.11	ADR	35.1	-41.6	1.61	35.22	54	-18.78	-	-	-	-	344	255	H
3	1867.746	56.07	PK-U	30.8	-45.6	0	41.27	-	-	-	-	68.2	-26.93	56	188	V
4	* 3976.684	51.76	PK-U	34.9	-41.7	0	44.96	-	-	74	-29.04	-	-	202	355	V
	* 3976.722	39.92	ADR	34.9	-41.7	1.61	34.73	54	-19.27	-	-	-	-	202	355	V
5	* 11491.81	57.07	PK-U	37.9	-35.9	0	59.07	-	-	74	-14.93	-	-	189	195	H
	* 11491.879	45.54	ADR	37.9	-35.9	1.61	49.15	54	-4.85	-	-	-	-	189	195	H
6	* 11495.989	54.88	PK-U	37.9	-35.8	0	56.98	-	-	74	-17.02	-	-	216	334	V
	* 11495.878	43.43	ADR	37.9	-35.8	1.61	47.14	54	-6.86	-	-	-	-	216	334	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