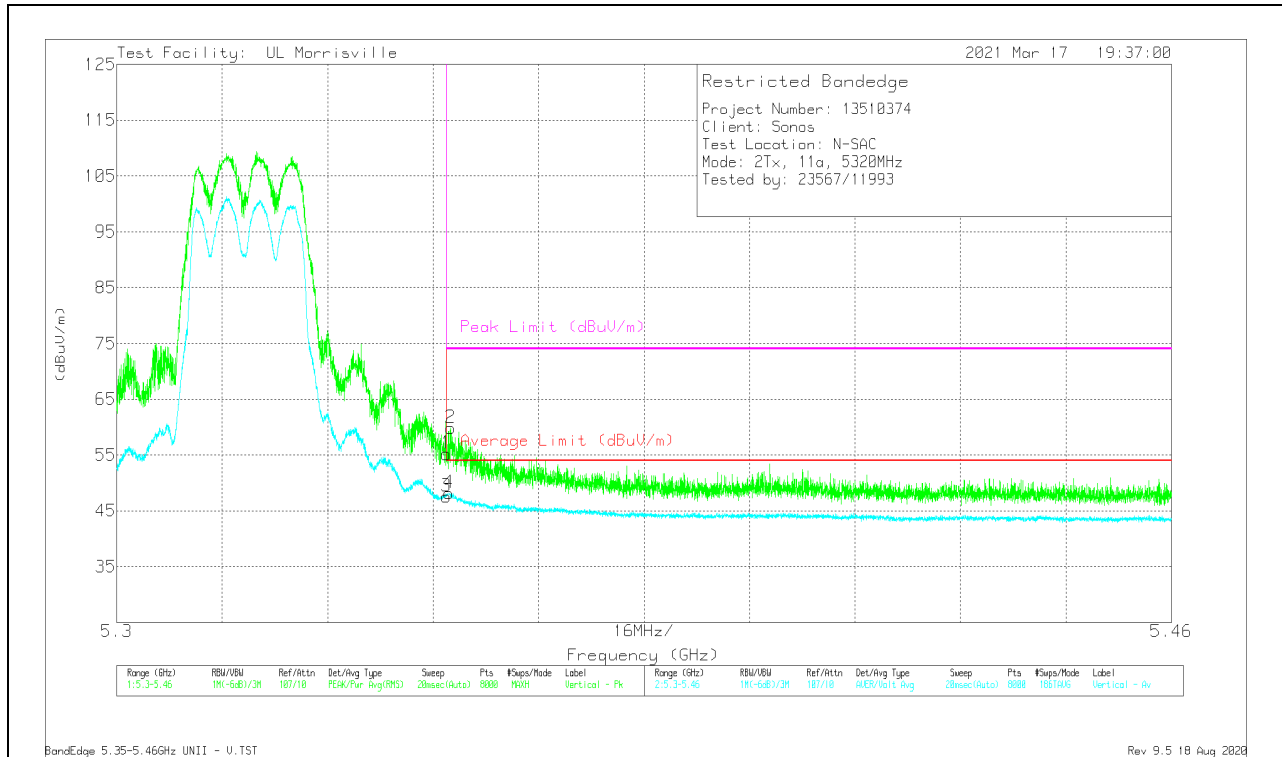


### VERTICAL RESULT



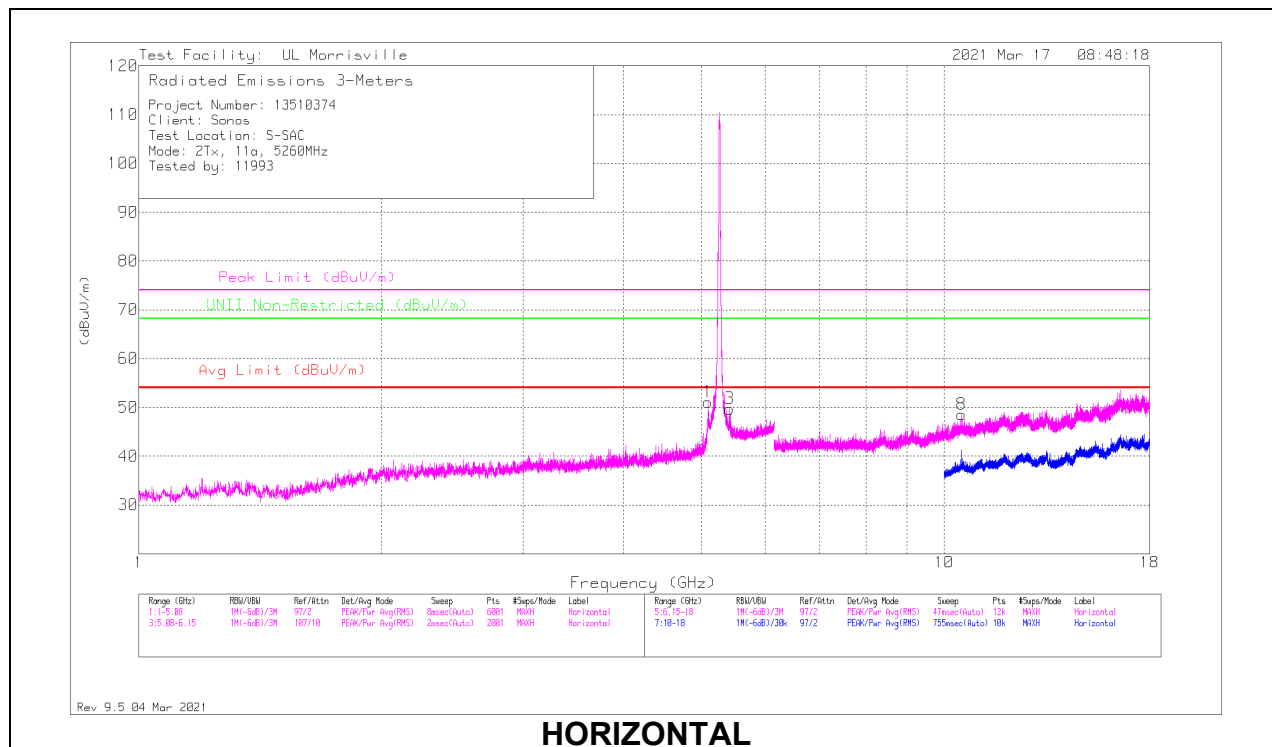
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 5.35001	43.9	Pk	34.4	-23.1	0	55.2	-	-	74	-18.8	222	152	V
2	** * 5.35063	48.62	Pk	34.4	-23.2	0	59.82	-	-	74	-14.18	222	152	V
3	* ** 5.35001	30.81	ADV	34.4	-23.1	5.41	47.52	54	-6.48	-	-	222	152	V
4	* ** 5.35039	31.55	ADV	34.4	-23.2	5.41	48.16	54	-5.84	-	-	222	152	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

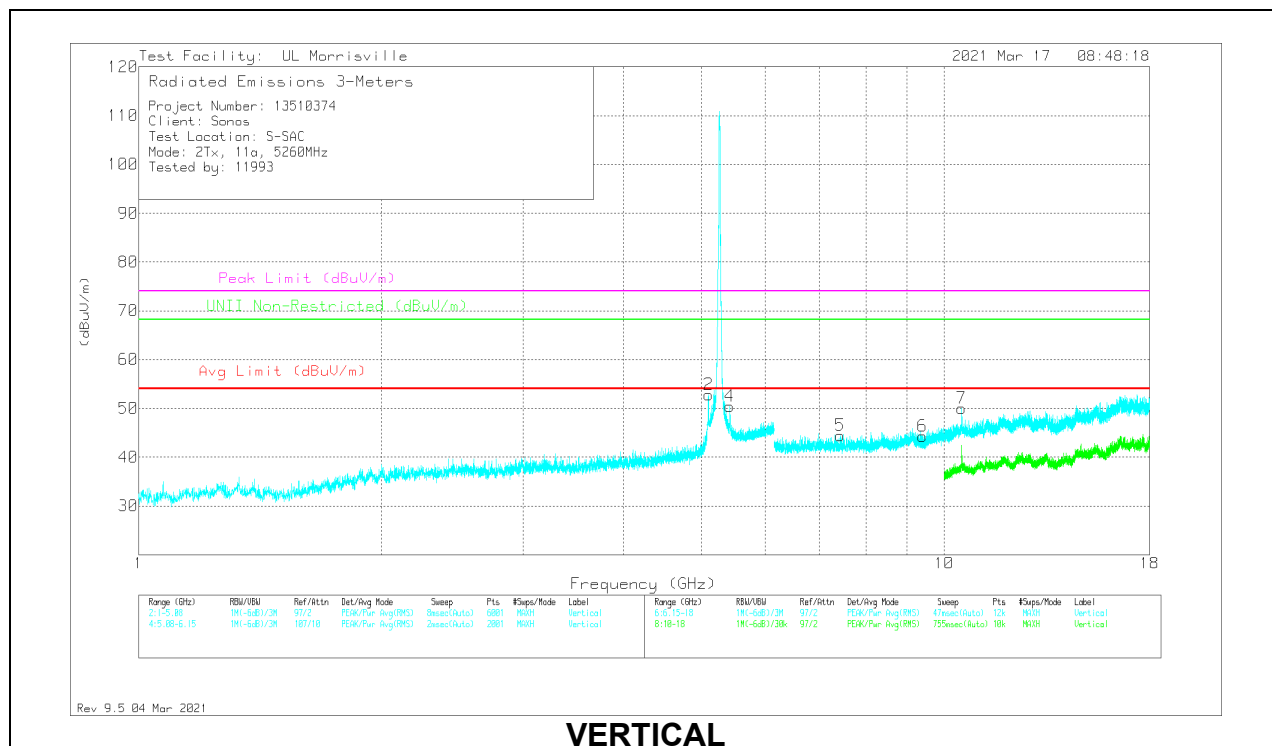
### HARMONICS AND SPURIOUS EMISSIONS

Note – Low and High channels performed at worst-case mid channel power setting.

### LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (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	* ** 5.09443	40.65	PK-U	34	-22.5	0	52.15	-	-	74	-21.85	-	-	262	181	H
	* ** 5.0961	23.99	ADV	34	-22.5	5.41	40.9	54	-13.1	-	-	-	-	262	181	H
3	* ** 5.41453	40.8	PK-U	34.5	-23.3	0	52	-	-	74	-22	-	-	348	114	H
	* ** 5.41438	24.6	ADV	34.5	-23.3	5.41	41.21	54	-12.79	-	-	-	-	348	114	H
2	* ** 5.10052	42.78	PK-U	34	-22.6	0	54.18	-	-	74	-19.82	-	-	223	200	V
	* ** 5.10076	24.81	ADV	34	-22.6	5.41	41.62	54	-12.38	-	-	-	-	223	200	V
4	* ** 5.41546	42.53	PK-U	34.5	-23.3	0	53.73	-	-	74	-20.27	-	-	265	206	V
	* ** 5.41364	24.91	ADV	34.5	-23.3	5.41	41.52	54	-12.48	-	-	-	-	265	206	V
5	* ** 7.42783	36.98	Pk	35.6	-28.1	0	44.48	54	-9.52	74	-29.52	-	-	0-360	200	V
6	* ** 9.40678	34.69	Pk	36.4	-26.8	0	44.29	54	-9.71	74	-29.71	-	-	0-360	200	V
8	10.51829	41.86	PK-U	37.8	-25.3	0	54.36	-	-	-	-	68.2	-13.84	358	119	H
7	10.52165	40.8	PK-U	37.8	-25.3	0	53.3	-	-	-	-	68.2	-14.9	17	150	V

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

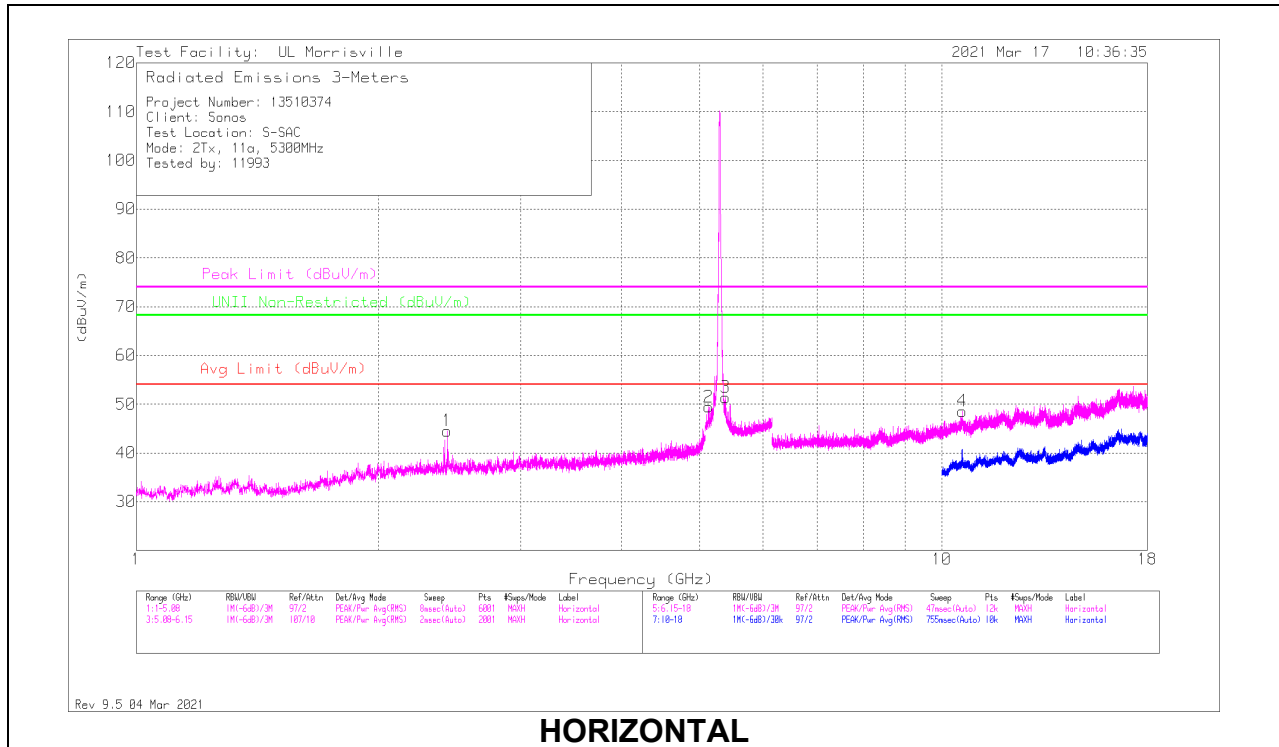
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

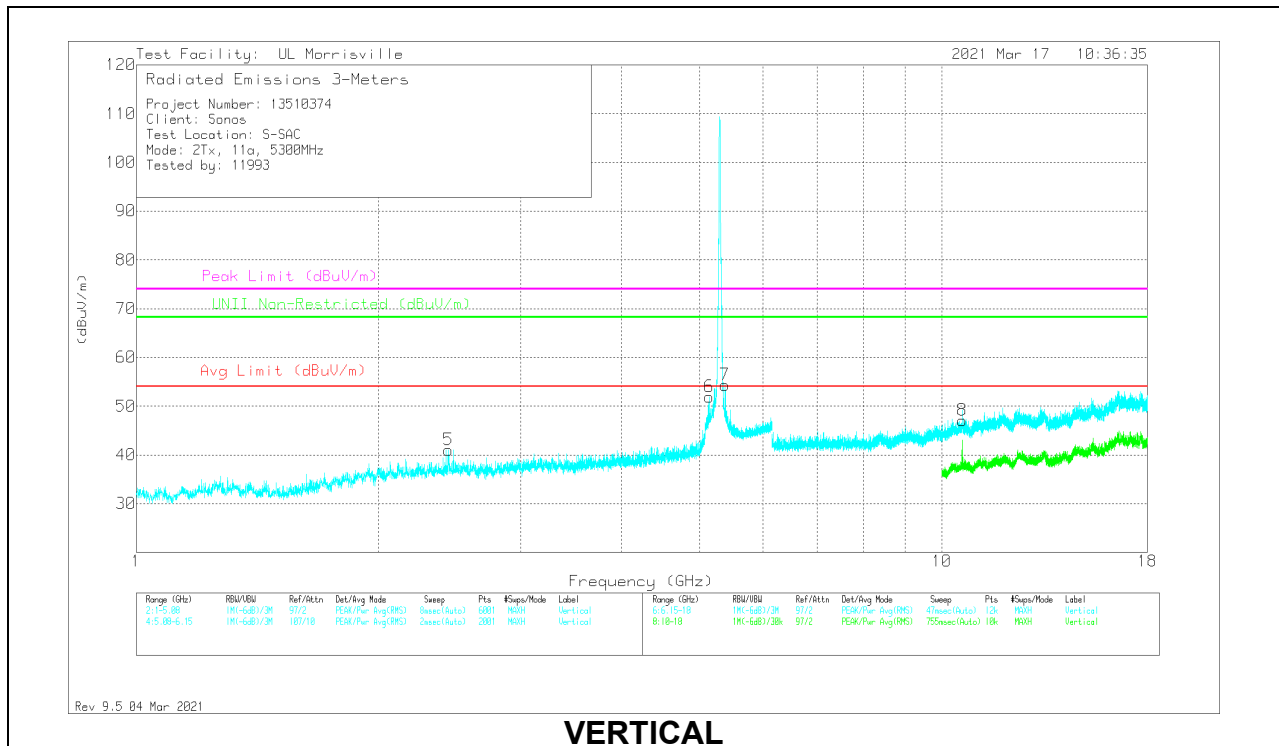
ADV - Linear Voltage Average

Pk - Peak detector

### MID CHANNEL RESULTS



**HORIZONTAL**



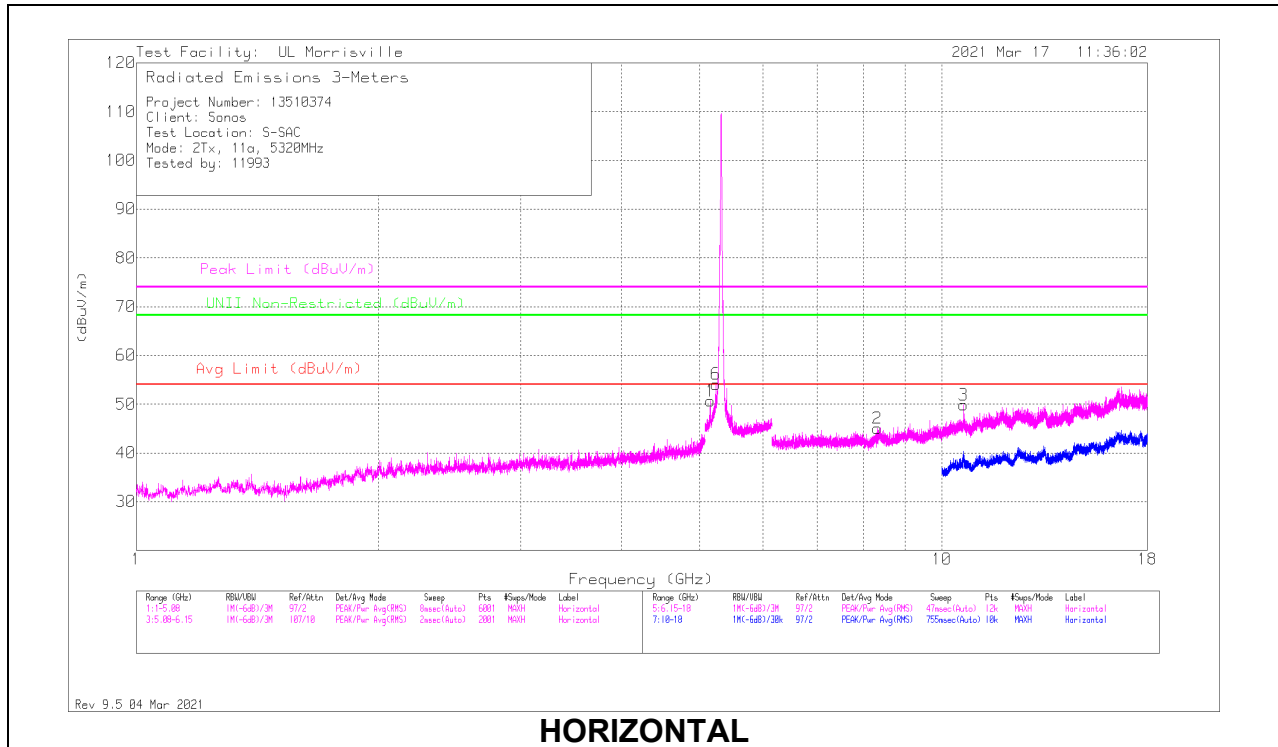
**VERTICAL**

**RADIATED EMISSIONS**

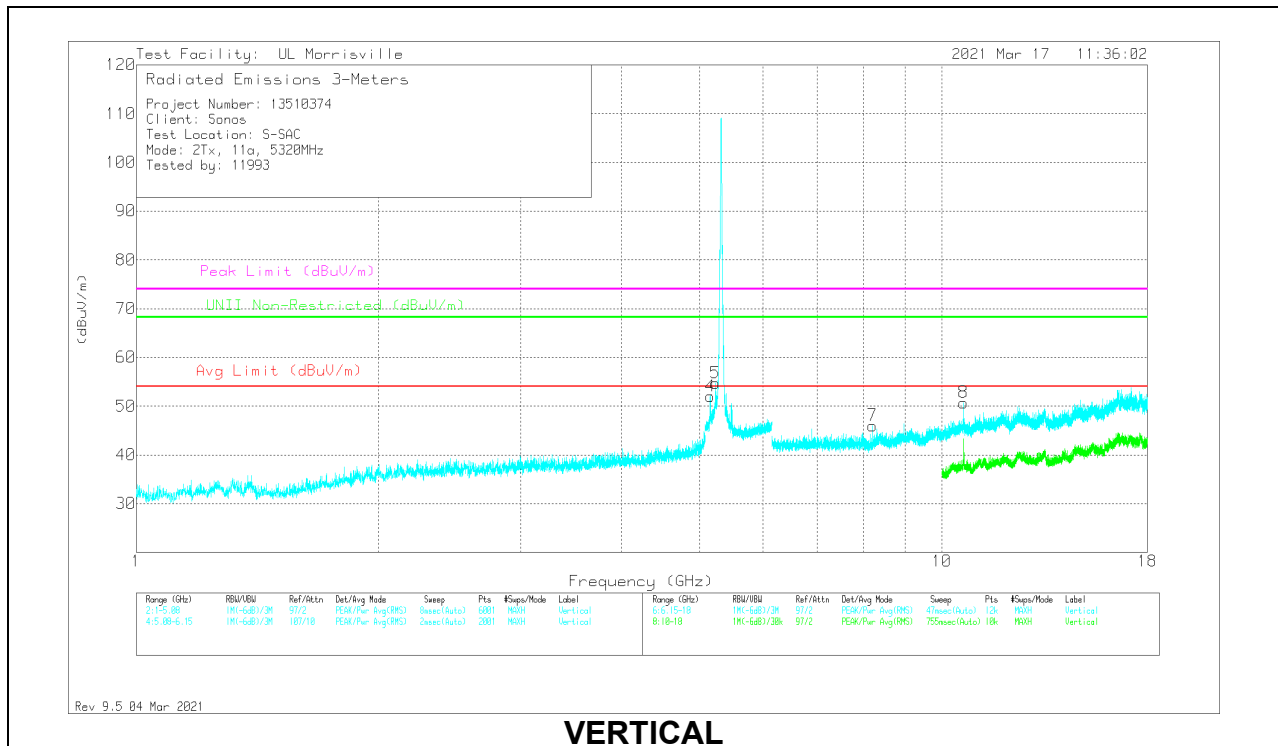
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 5.13816	41.75	PK-U	34.1	-22.5	0	53.35	-	-	74	-20.65	-	-	45	223	H
	*** 5.13816	24.83	ADV	34.1	-22.5	5.41	41.84	54	-12.16	-	-	-	-	45	223	H
3	*** 5.38755	44.3	PK-U	34.5	-23.3	0	55.5	-	-	74	-18.5	-	-	141	242	H
	*** 5.38655	26.14	ADV	34.5	-23.3	5.41	42.75	54	-11.25	-	-	-	-	141	242	H
6	*** 5.14306	43.77	PK-U	34.1	-22.5	0	55.37	-	-	74	-18.63	-	-	269	196	V
	*** 5.14147	25.08	ADV	34.1	-22.5	5.41	42.09	54	-11.91	-	-	-	-	269	196	V
7	*** 5.3778	43.99	PK-U	34.5	-23.3	0	55.19	-	-	74	-18.81	-	-	261	196	V
	*** 5.37658	26.83	ADV	34.5	-23.3	5.41	43.44	54	-10.56	-	-	-	-	261	196	V
4	*** 11.55747	34.54	PK-U	38.3	-24.8	0	48.04	-	-	74	-25.96	-	-	337	114	H
	*** 11.61366	22.42	ADV	38.4	-24.9	5.41	41.33	54	-12.67	-	-	-	-	337	114	H
8	*** 10.60165	34.42	PK	37.9	-25.2	0	47.12	54	-6.88	74	-26.88	-	-	0-360	200	V
1	2.43344	46.27	PK	32.4	-34.1	0	44.57	-	-	-	-	68.2	-23.63	0-360	200	H
5	2.44024	42.64	PK	32.5	-34.1	0	41.04	-	-	-	-	68.2	-27.16	0-360	200	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK-U - Maximum Peak  
 ADV - Linear Voltage Average  
 PK - Peak detector

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (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	** 5.16021	42.08	PK-U	34.2	-22.5	0	53.78	-	-	74	-20.22	-	-	49	198	H
	** 5.15904	24.67	ADV	34.2	-22.5	5.41	41.78	54	-12.22	-	-	-	-	49	198	H
6	** 5.24569	43.78	PK-U	34.3	-22.6	0	55.48	-	-	74	-18.52	-	-	16	241	H
	** 5.24737	26.51	ADV	34.4	-22.6	5.41	43.72	54	-10.28	-	-	-	-	16	241	H
4	** 5.1585	43.01	PK-U	34.2	-22.5	0	54.71	-	-	74	-19.29	-	-	214	101	V
	** 5.15886	25.06	ADV	34.2	-22.5	5.41	42.17	54	-11.83	-	-	-	-	214	101	V
5	** 5.23689	46.57	PK-U	34.3	-22.6	0	58.27	-	-	74	-15.73	-	-	33	300	V
	** 5.23743	27.78	ADV	34.3	-22.6	5.41	44.89	54	-9.11	-	-	-	-	33	300	V
2	*** 8.31983	37.26	PK-U	35.8	-27.6	0	45.46	-	-	74	-28.54	-	-	84	195	H
	*** 8.31964	24.95	ADV	35.8	-27.6	5.41	38.56	54	-15.44	-	-	-	-	84	195	H
3	*** 10.63634	39.92	PK-U	37.9	-25.3	0	52.52	-	-	74	-21.48	-	-	343	118	H
	*** 10.63711	25.48	ADV	37.9	-25.3	5.41	43.49	54	-10.51	-	-	-	-	343	118	H
7	*** 8.21042	36.85	PK-U	35.8	-27.7	0	44.95	-	-	74	-29.05	-	-	95	268	V
	*** 8.20843	24.41	ADV	35.8	-27.7	5.41	37.92	54	-16.08	-	-	-	-	95	268	V
8	*** 10.64146	42.33	PK-U	37.9	-25.4	0	54.83	-	-	74	-19.17	-	-	19	102	V
	*** 10.64235	27.05	ADV	37.9	-25.4	5.41	44.96	54	-9.04	-	-	-	-	19	102	V

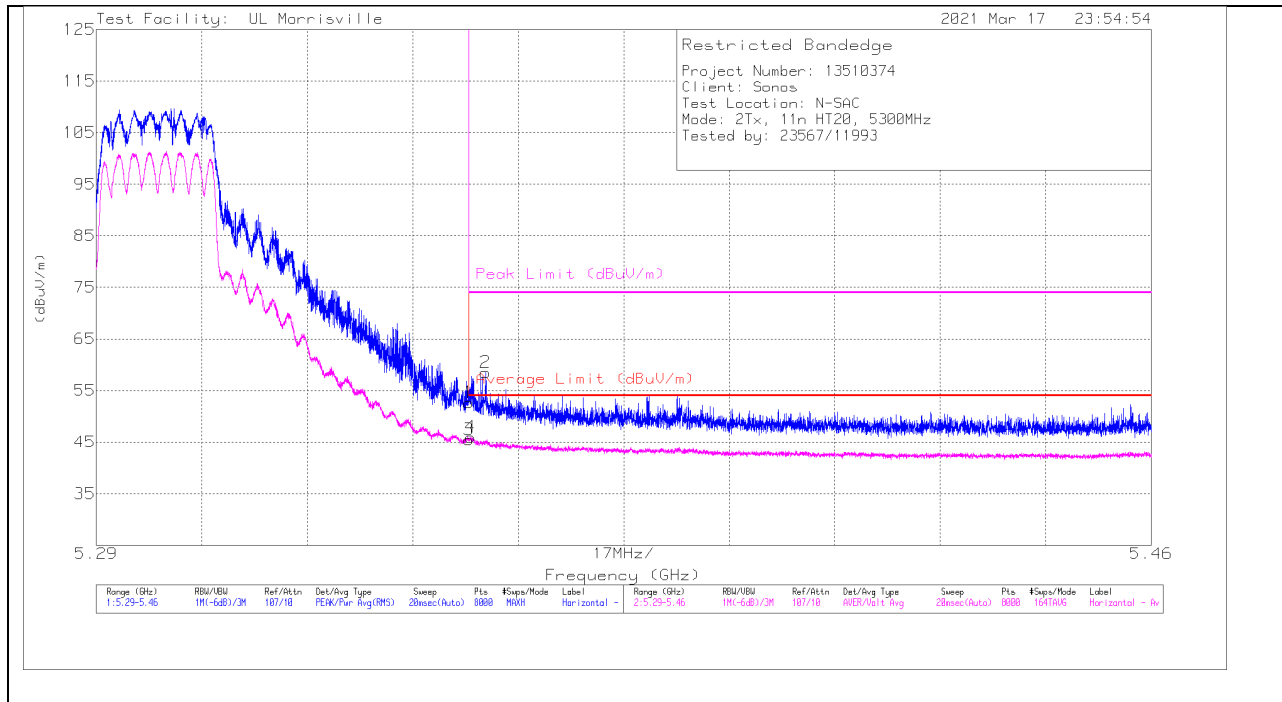
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK-U - Maximum Peak  
 ADV - Linear Voltage Average

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

#### 2TX Chain 0 + Chain 1 CDD MODE

#### BANDEDGE (5300 MHz)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl /Ftr/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	** * 5.35002	41.36	Pk	34.4	-23.1	0	52.66	-	-	74	-21.34	330	238	H
2	** * 5.35272	47.31	Pk	34.4	-23.2	0	58.51	-	-	74	-15.49	330	238	H
3	** * 5.35002	29.89	ADV	34.4	-23.1	4.31	45.49	54	-8.51	-	-	330	237	H
4	** * 5.35036	30.47	ADV	34.4	-23.2	4.31	45.97	54	-8.03	-	-	330	237	H

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

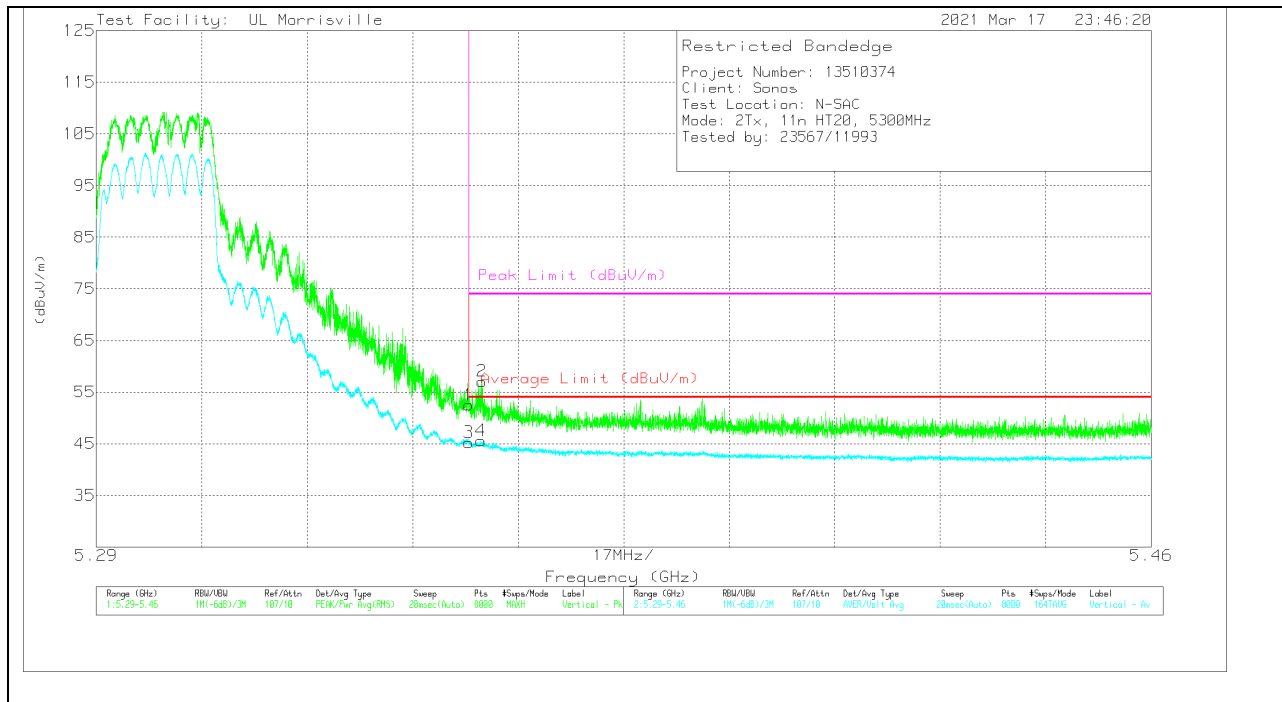
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average



### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl /Filtr/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	*** 5.35002	41.21	Pk	34.4	-23.1	0	52.51	-	-	74	-21.49	314	303	V
2	*** 5.35219	45.87	Pk	34.4	-23.2	0	57.07	-	-	74	-16.93	314	303	V
3	*** 5.35002	29.63	ADV	34.4	-23.1	4.31	45.23	54	-8.77	-	-	314	303	V
4	*** 5.352	30.09	ADV	34.4	-23.2	4.31	45.59	54	-8.41	-	-	314	303	V

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

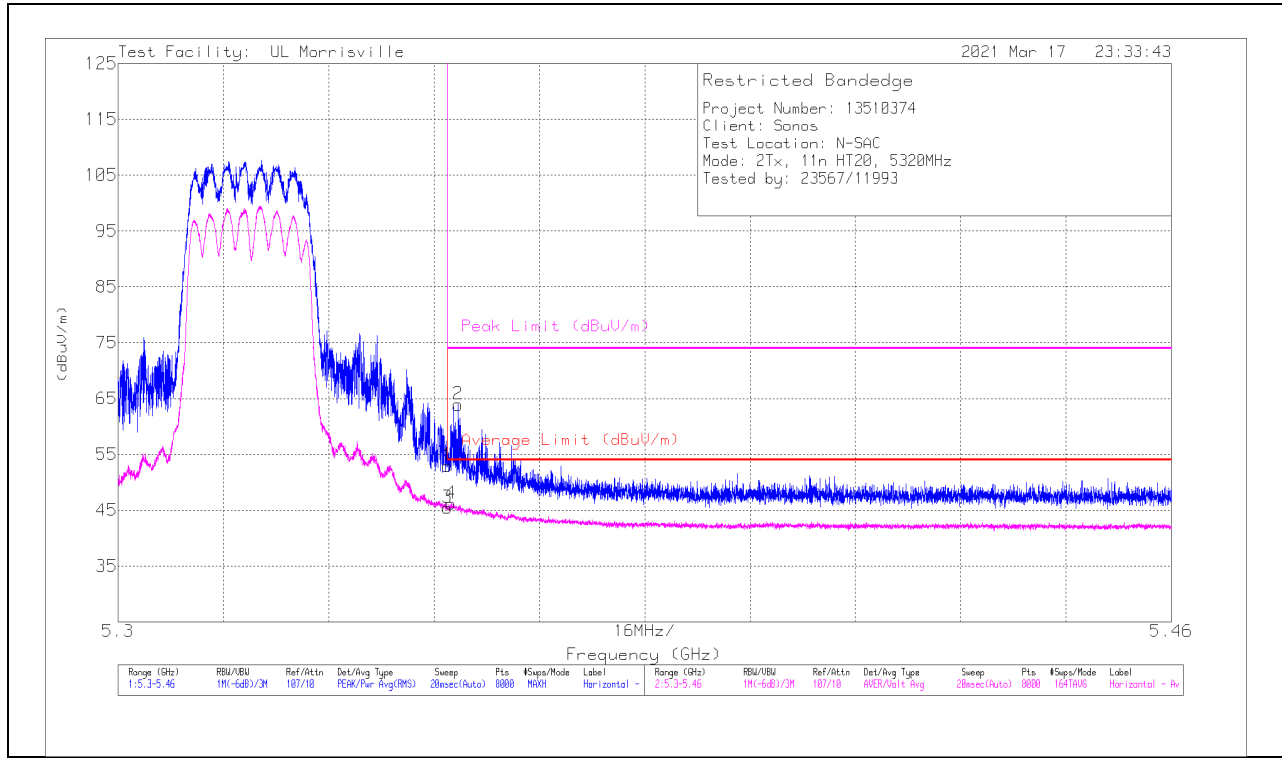
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

**BANDEDGE (HIGH CHANNEL)**

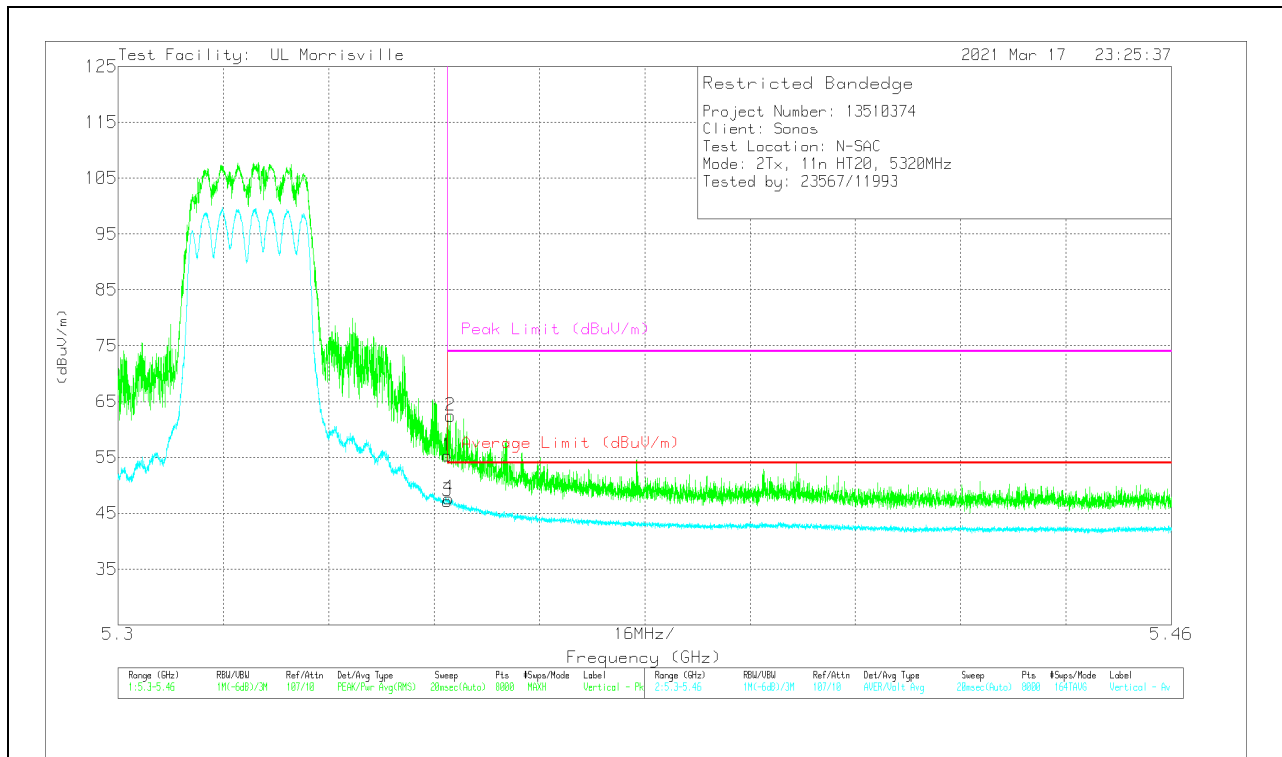
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	* ** 5.35001	41.63	Pk	34.4	-23.1	0	52.93	-	-	74	-21.07	323	395	H
2	* ** 5.35165	52.71	Pk	34.4	-23.2	0	63.91	-	-	74	-10.09	323	395	H
3	* ** 5.35001	29.84	ADV	34.4	-23.1	4.31	45.45	54	-8.55	-	-	323	395	H
4	* ** 5.35057	30.66	ADV	34.4	-23.2	4.31	46.17	54	-7.83	-	-	323	395	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

### VERTICAL RESULT



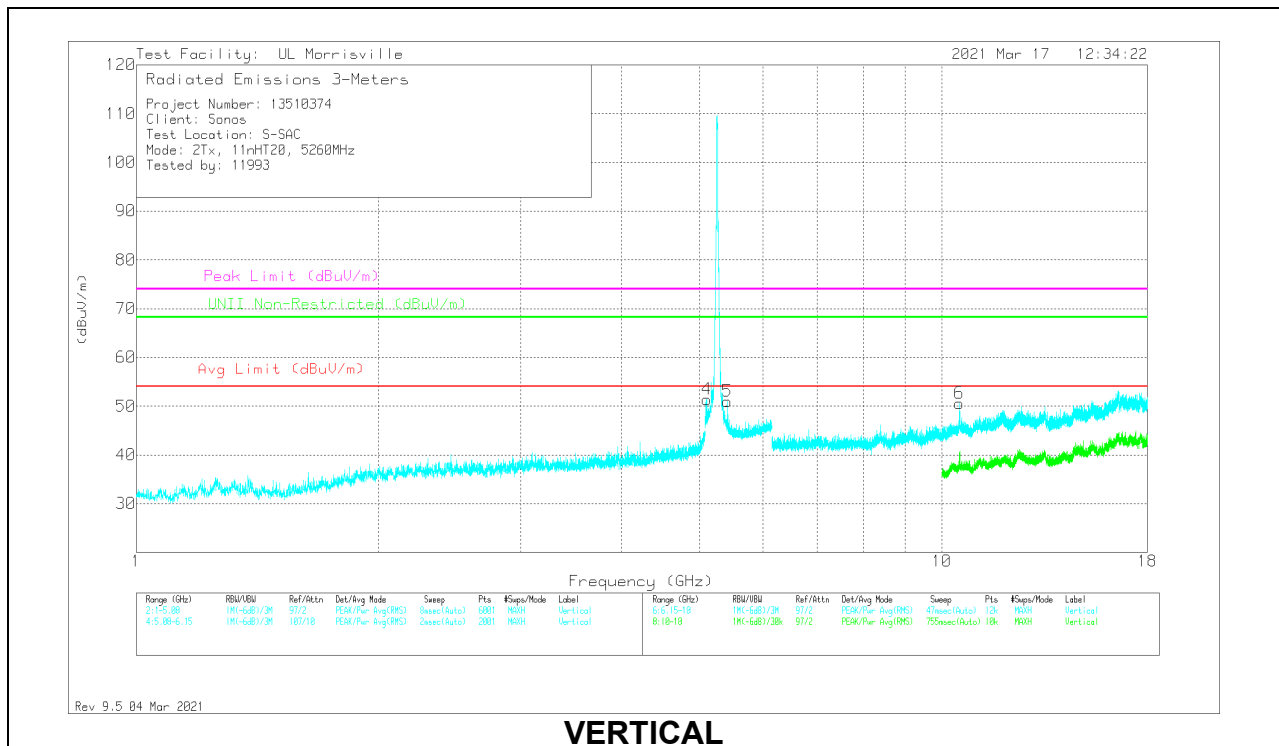
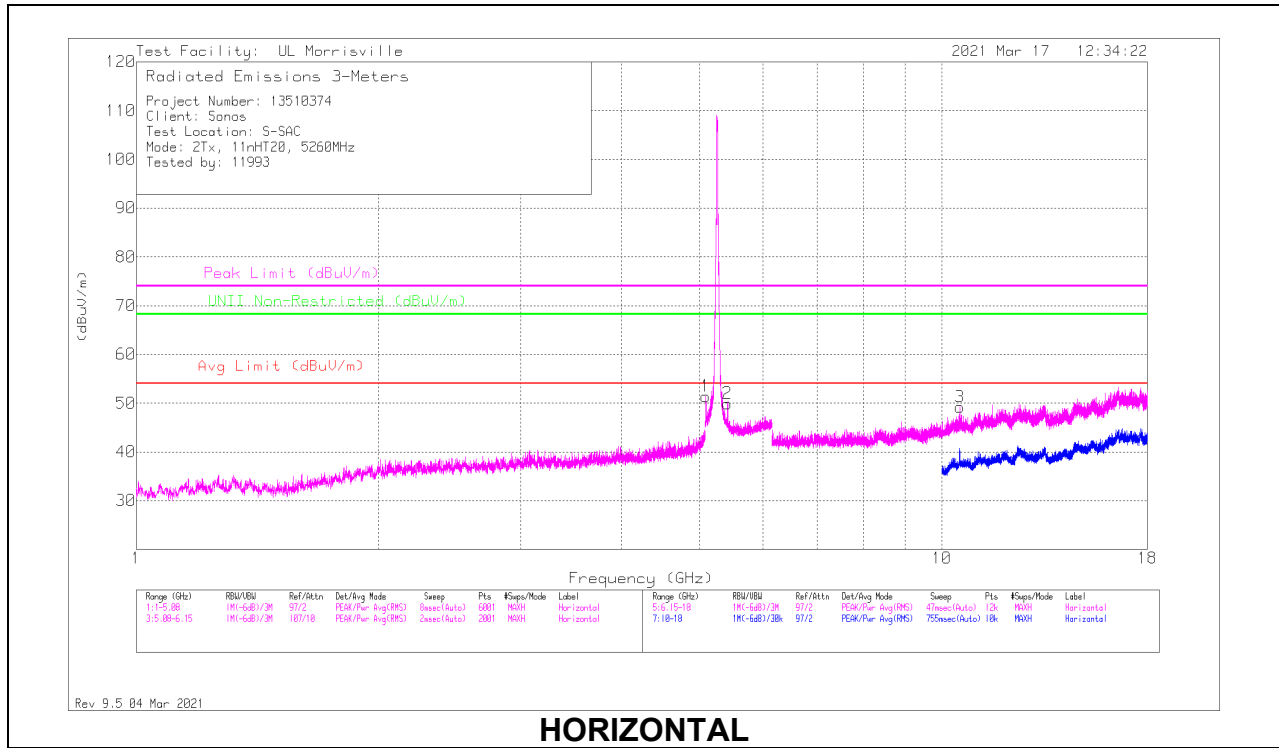
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.35001	44.01	Pk	34.4	-23.1	0	55.31	-	-	74	-18.69	318	372	V
2	* ** 5.35049	51.26	Pk	34.4	-23.2	0	62.46	-	-	74	-11.54	318	372	V
3	* ** 5.35001	31.6	ADV	34.4	-23.1	4.31	47.21	54	-6.79	-	-	318	372	V
4	* ** 5.35023	32.19	ADV	34.4	-23.2	4.31	47.7	54	-6.3	-	-	318	372	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

### HARMONICS AND SPURIOUS EMISSIONS

Note – Low and High channels performed at worst-case mid channel power setting.

### LOW CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (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	* ** 5.09299	40.66	PK-U	34	-22.5	0	52.16	-	-	74	-21.84	-	-	289	335	H
	* ** 5.09278	24.55	ADV	34	-22.5	4.31	40.36	54	-13.64	-	-	-	-	289	335	H
2	* ** 5.41801	41.82	PK-U	34.5	-23.3	0	53.02	-	-	74	-20.98	-	-	18	101	H
	* ** 5.41929	25.1	ADV	34.5	-23.4	4.31	40.51	54	-13.49	-	-	-	-	18	101	H
4	* ** 5.10565	42.36	PK-U	34.1	-22.5	0	53.96	-	-	74	-20.04	-	-	214	206	V
	* ** 5.10697	25.53	ADV	34.1	-22.5	4.31	41.44	54	-12.56	-	-	-	-	214	206	V
5	* ** 5.41665	42.32	PK-U	34.5	-23.3	0	53.52	-	-	74	-20.48	-	-	268	110	V
	* ** 5.41677	25.09	ADV	34.5	-23.3	4.31	40.6	54	-13.4	-	-	-	-	268	110	V
6	10.51873	41.65	PK-U	37.8	-25.3	0	54.15	-	-	-	-	68.2	-14.05	18	147	V
3	10.5212	40.4	PK-U	37.8	-25.3	0	52.9	-	-	-	-	68.2	-15.3	341	120	H

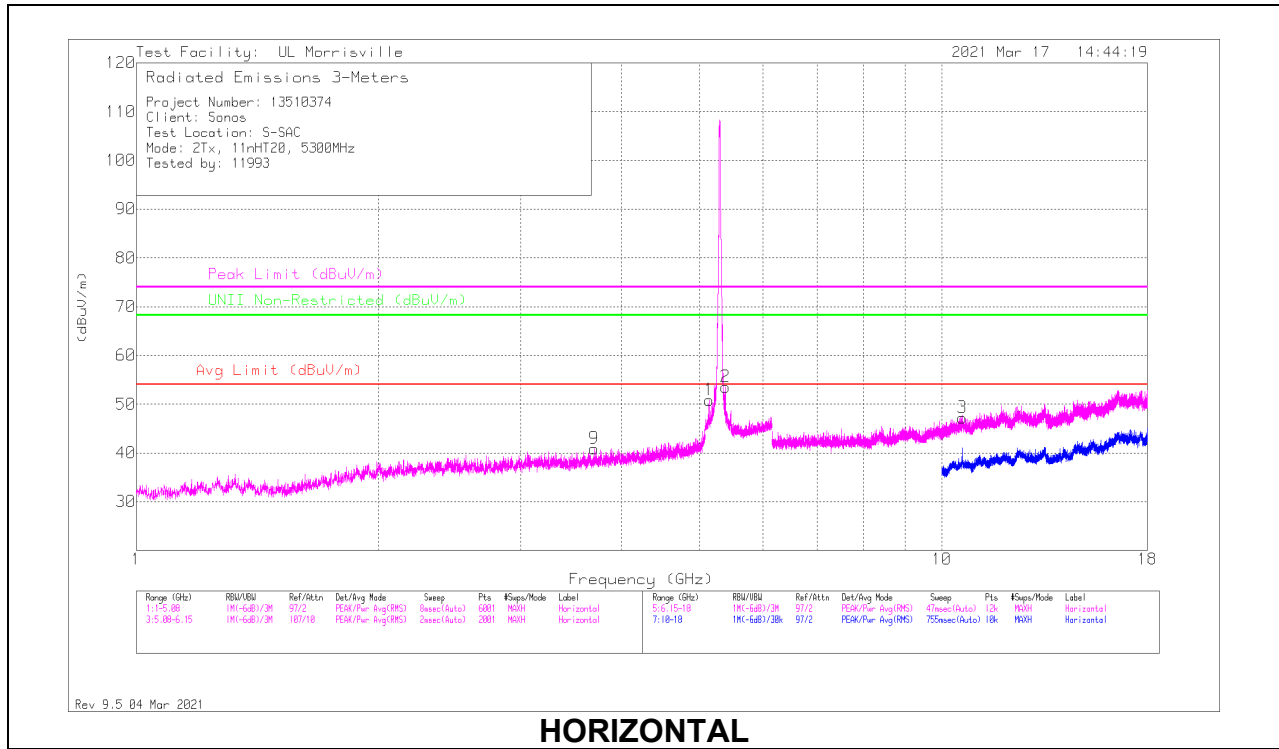
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

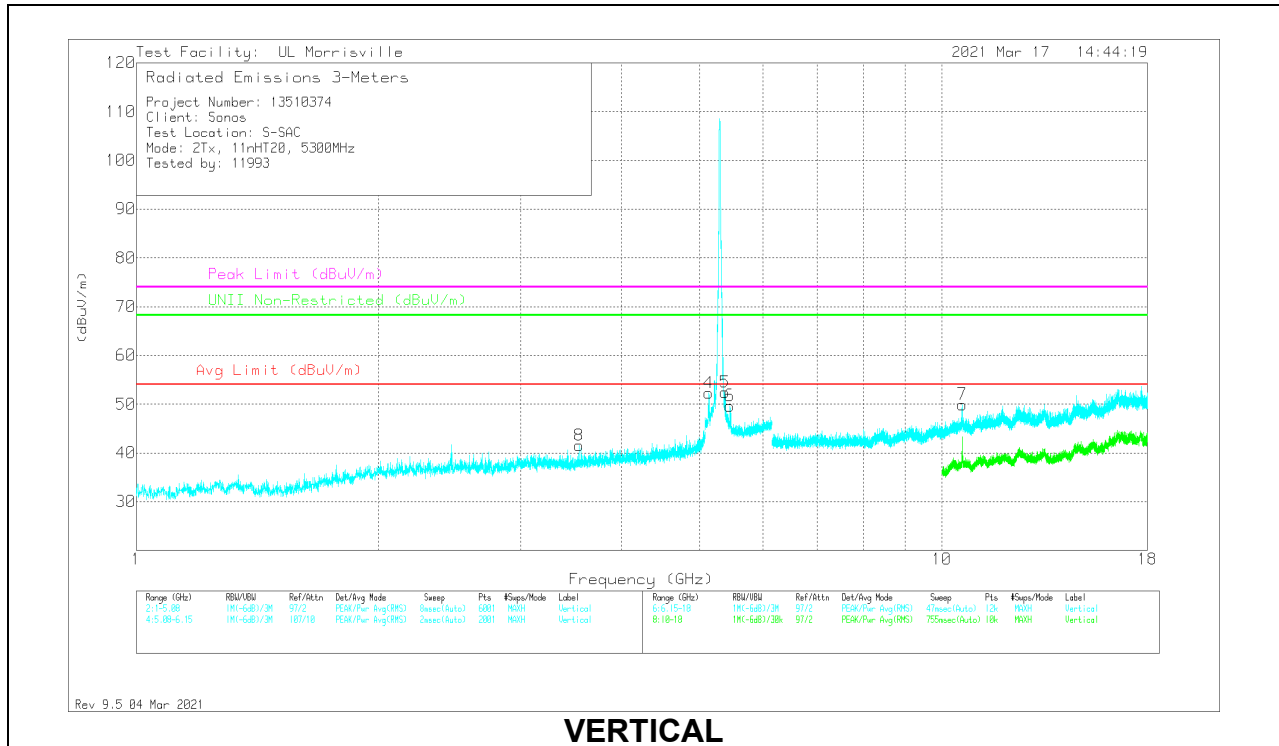
PK-U - Maximum Peak

ADV - Linear Voltage Average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (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	*** 5.14454	40.47	PK-U	34.1	-22.5	0	52.07	-	-	74	-21.93	-	-	150	253	H
	*** 5.14359	24.23	ADV	34.1	-22.5	4.31	40.14	54	-13.86	-	-	-	-	150	253	H
2	*** 5.38523	44.58	PK-U	34.5	-23.3	0	55.78	-	-	74	-18.22	-	-	349	124	H
	*** 5.38654	27.36	ADV	34.5	-23.3	4.31	42.87	54	-11.13	-	-	-	-	349	124	H
4	*** 5.13206	43.5	PK-U	34.1	-22.5	0	55.1	-	-	74	-18.9	-	-	218	106	V
	*** 5.13278	25.14	ADV	34.1	-22.5	4.31	41.05	54	-12.95	-	-	-	-	218	106	V
5	*** 5.37636	45.36	PK-U	34.5	-23.3	0	56.56	-	-	74	-17.44	-	-	260	211	V
	*** 5.37752	28.07	ADV	34.5	-23.3	4.31	43.58	54	-10.42	-	-	-	-	260	211	V
6	*** 5.4578	41.04	PK-U	34.5	-23.5	0	52.04	-	-	74	-21.96	-	-	324	188	V
	*** 5.45659	24.51	ADV	34.5	-23.5	4.31	39.82	54	-14.18	-	-	-	-	324	188	V
7	*** 10.6034	39.87	PK-U	37.9	-25.3	0	52.47	-	-	74	-21.53	-	-	22	106	V
	*** 10.60381	25.84	ADV	37.9	-25.3	4.31	42.75	54	-11.25	-	-	-	-	22	106	V
9	*** 3.70504	40.06	Pk	33.1	-32.3	0	40.86	54	-13.14	74	-33.14	-	-	0-360	200	H
8	*** 3.54524	41.8	Pk	32.9	-33.2	0	41.5	54	-12.5	74	-32.5	-	-	0-360	200	V
3	*** 10.60461	34.58	Pk	37.9	-25.3	0	47.18	54	-6.82	74	-26.82	-	-	0-360	199	H

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

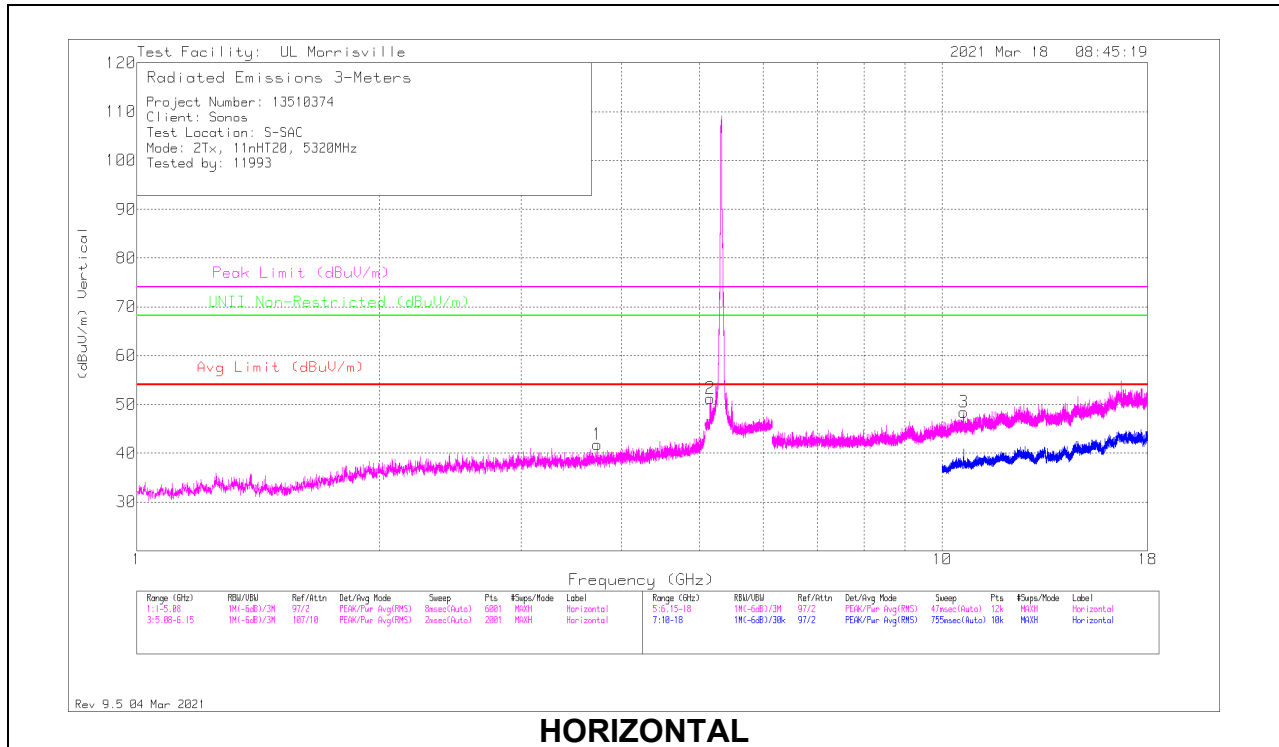
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

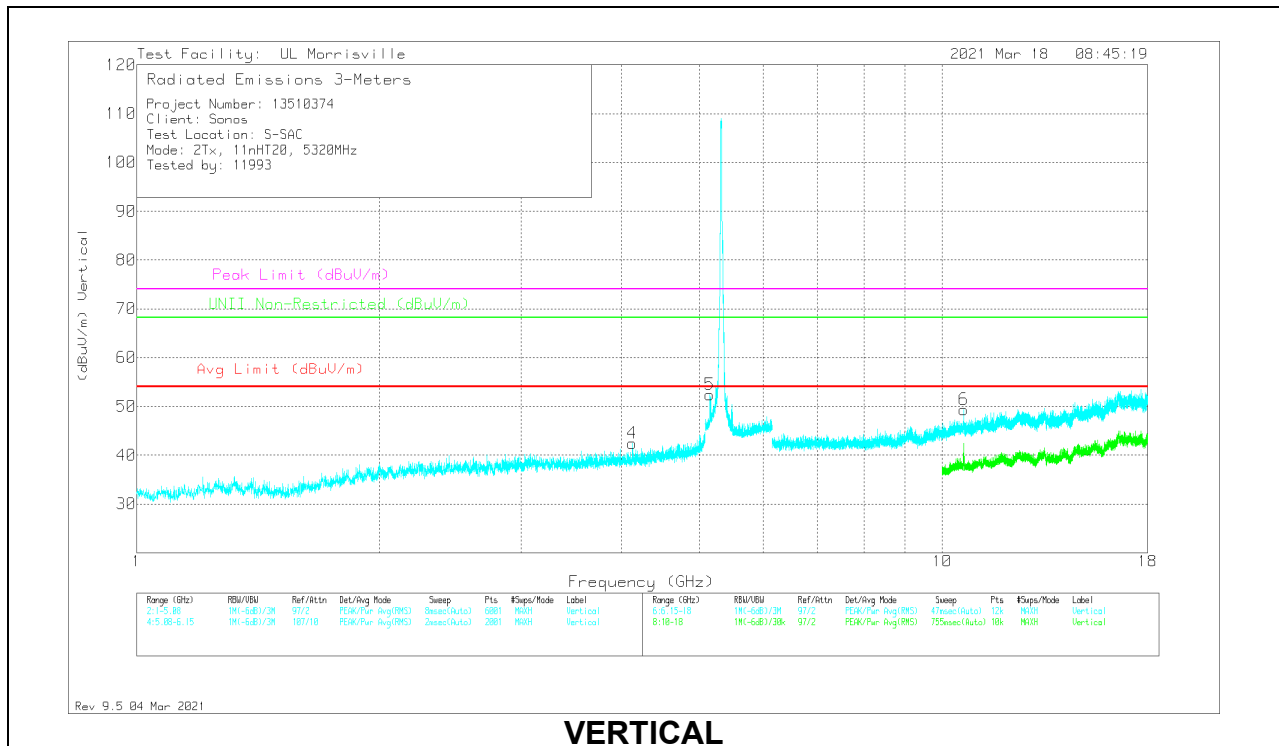
ADV Linear Voltage Average

Pk - Peak detector

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (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
2	*** 5.1499	40.8	PK-U	34.2	-22.4	0	52.6	-	-	74	-21.4	-	-	43	205	H
	*** 5.14724	24.2	ADV	34.2	-22.4	4.31	40.31	54	-13.69	-	-	-	-	43	205	H
5	*** 5.14997	42.94	PK-U	34.2	-22.4	0	54.74	-	-	74	-19.26	-	-	219	214	V
	*** 5.14332	24.39	ADV	34.1	-22.5	4.31	40.3	54	-13.7	-	-	-	-	219	214	V
3	*** 10.63593	40.45	PK-U	37.9	-25.3	0	53.05	-	-	74	-20.95	-	-	334	113	H
	*** 10.63603	25.66	ADV	37.9	-25.3	4.31	42.57	54	-11.43	-	-	-	-	334	113	H
6	*** 10.64063	41.74	PK-U	37.9	-25.3	0	54.34	-	-	74	-19.66	-	-	20	102	V
	*** 10.64102	27.19	ADV	37.9	-25.4	4.31	44	54	-10	-	-	-	-	20	102	V
1	*** 3.73496	41.02	PK	33.2	-32.5	0	41.72	54	-12.28	74	-32.28	-	-	0-360	200	H
4	*** 4.12596	40.59	PK	33.4	-31.6	0	42.39	54	-11.61	74	-31.61	-	-	0-360	101	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U - Maximum Peak

ADV - Linear Voltage Average

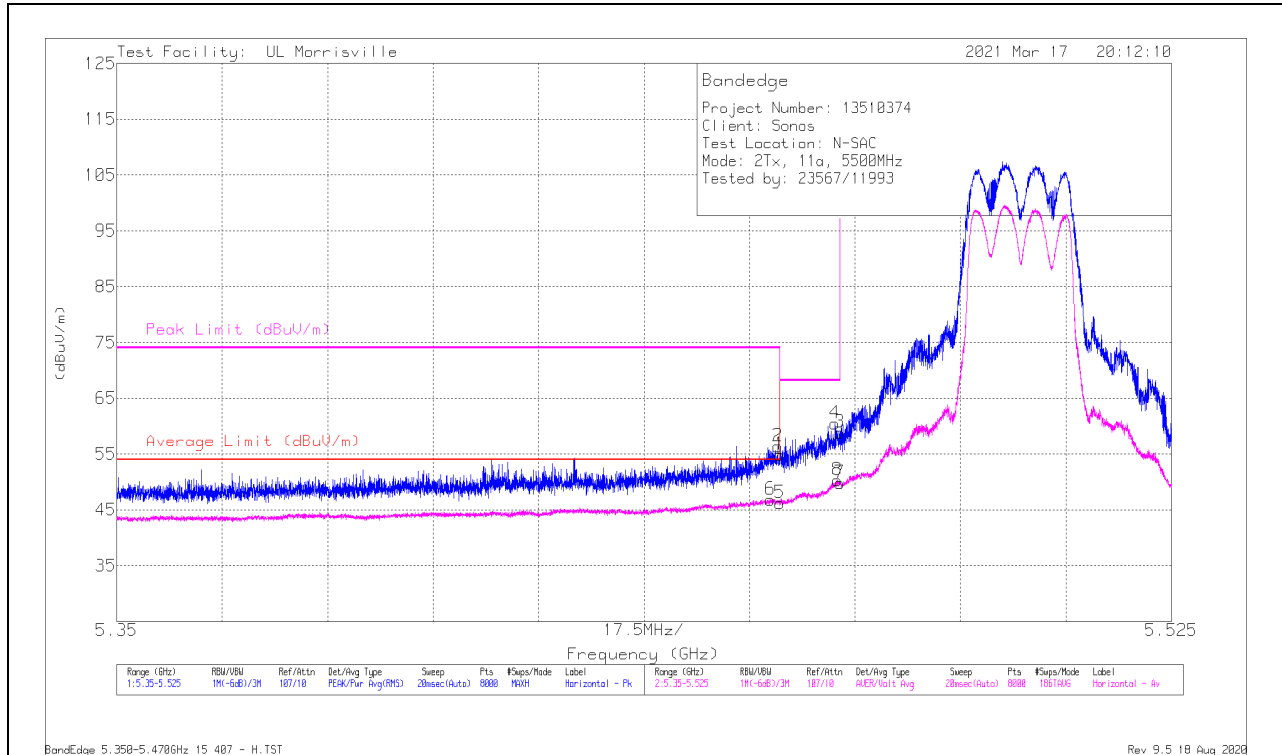
PK - Peak detector

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

#### 2TX Chain 0 + Chain 1 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	** * 5.45998	43.55	Pk	34.4	-23.1	0	54.85	-	-	74	-19.15	9	121	H
2	** * 5.45965	45.02	Pk	34.4	-23	0	56.42	-	-	74	-17.58	9	121	H
5	** * 5.45998	29.48	ADV	34.4	-23.1	5.41	46.19	54	-7.81	-	-	9	121	H
6	** * 5.45843	30.07	ADV	34.4	-23	5.41	46.88	54	-7.12	-	-	9	121	H
4	5.46915	49.08	Pk	34.4	-23	0	60.48	-	-	68.2	-7.72	9	121	H
8	5.46954	33.52	ADV	34.4	-23	5.41	50.33	-	-	-	-	9	121	H
3	5.46998	47.42	Pk	34.4	-23	0	58.82	-	-	68.2	-9.38	9	121	H
7	5.46998	32.96	ADV	34.4	-23	5.41	49.77	-	-	-	-	9	121	H

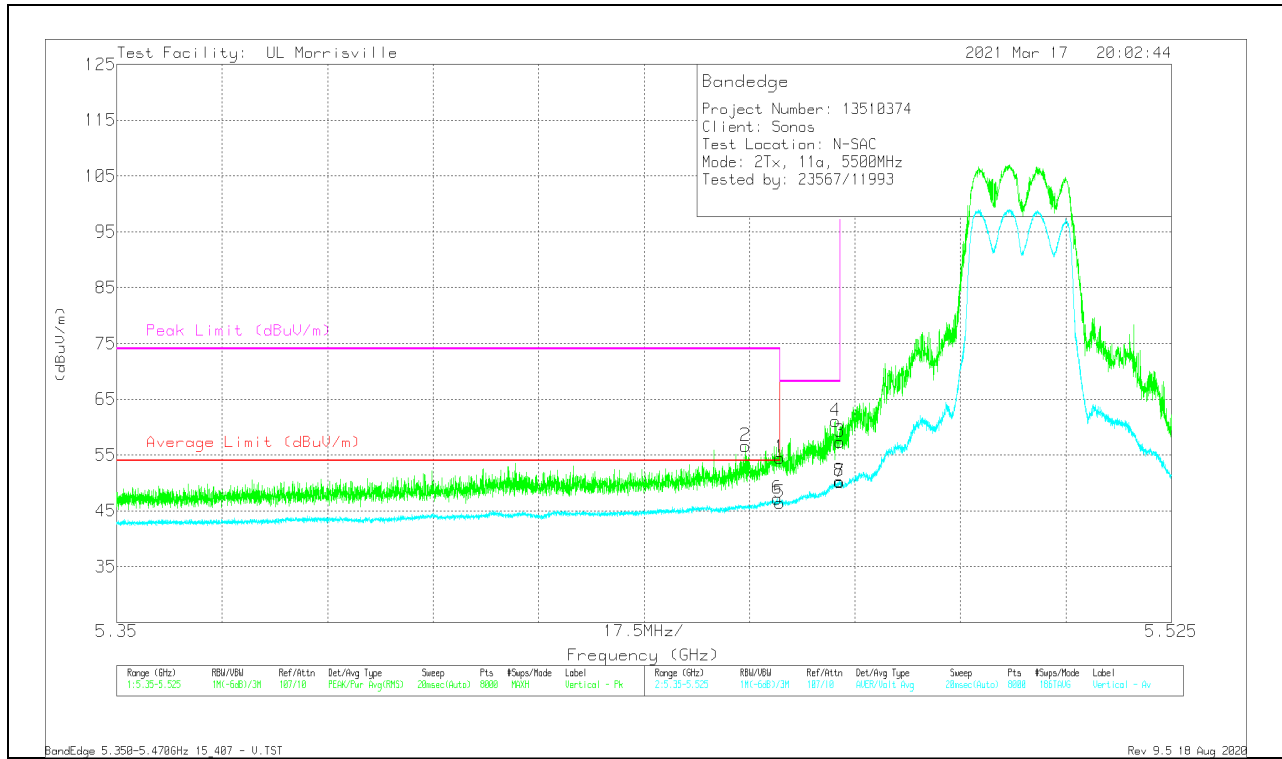
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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
2	*** 5.45434	45.19	Pk	34.4	-23	0	56.59	-	-	74	-17.41	266	129	V
6	*** 5.45957	30.4	ADV	34.4	-23	5.41	47.3	54	-6.79	-	-	266	129	V
1	*** 5.45998	43.19	Pk	34.4	-23.1	0	54.49	-	-	74	-19.51	266	129	V
5	*** 5.45998	29.73	ADV	34.4	-23.1	5.41	46.44	54	-7.56	-	-	266	129	V
4	5.4693	49.66	Pk	34.4	-23	0	61.06	-	-	68.2	-7.14	266	129	V
8	5.46987	33.51	ADV	34.4	-23	5.41	50.32	-	-	-	-	266	129	V
3	5.46998	45.98	Pk	34.4	-23	0	57.38	-	-	68.2	-10.82	266	129	V
7	5.46998	33.34	ADV	34.4	-23	5.41	50.15	-	-	-	-	266	129	V

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

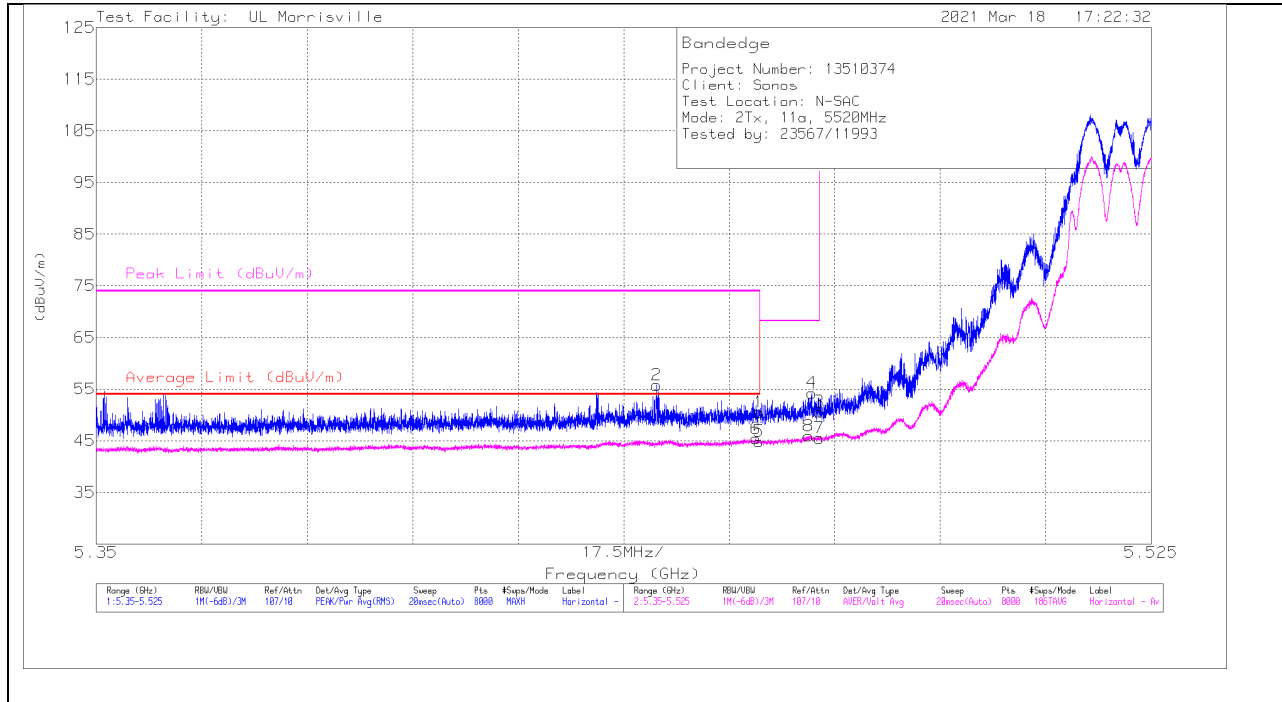
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEGE (5520 MHz)**

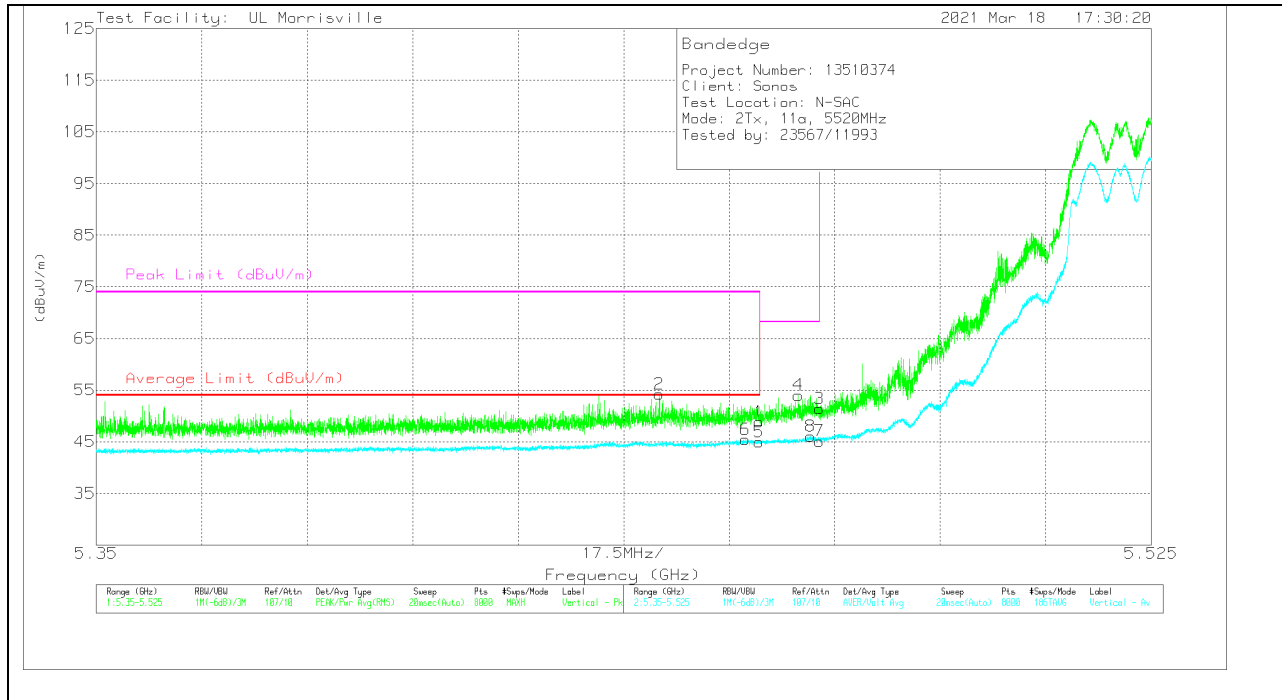
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	* ** 5.45998	39.21	Pk	34.4	-23.1	0	50.51	-	-	74	-23.49	337	249	H
2	* ** 5.44294	44.35	Pk	34.4	-23	0	55.75	-	-	74	-18.25	337	249	H
5	* ** 5.45998	28.16	ADV	34.4	-23.1	5.4	44.86	54	-9.14	-	-	337	249	H
6	* ** 5.45943	28.64	ADV	34.4	-23	5.4	45.44	54	-8.56	-	-	337	249	H
8	5.46814	29.13	ADV	34.4	-23	5.4	45.93	-	-	-	-	337	249	H
4	5.46867	42.86	Pk	34.4	-23	0	54.26	-	-	68.2	-13.94	337	249	H
3	5.46998	39.17	Pk	34.4	-23	0	50.57	-	-	68.2	-17.63	337	249	H
7	5.46998	28.72	ADV	34.4	-23	5.4	45.52	-	-	-	-	337	249	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - U-NII AD primary method, Linear Voltage Average

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/ Fitr/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	* ** 5.45998	37.56	Pk	34.4	-23.1	0	48.86	-	-	74	-25.14	39	230	V
2	* ** 5.44338	42.82	Pk	34.4	-23	0	54.22	-	-	74	-19.78	39	230	V
5	* ** 5.45998	28.24	ADV	34.4	-23.1	5.4	44.94	54	-9.06	-	-	39	230	V
6	* ** 5.45766	28.64	ADV	34.4	-23	5.4	45.44	54	-8.56	-	-	39	230	V
4	5.46646	42.71	Pk	34.3	-23	0	54.01	-	-	68.2	-14.19	39	230	V
8	5.46849	29.25	ADV	34.4	-23	5.4	46.05	-	-	-	-	39	230	V
3	5.46998	39.99	Pk	34.4	-23	0	51.39	-	-	68.2	-16.81	39	230	V
7	5.46998	28.34	ADV	34.4	-23	5.4	45.14	-	-	-	-	39	230	V

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

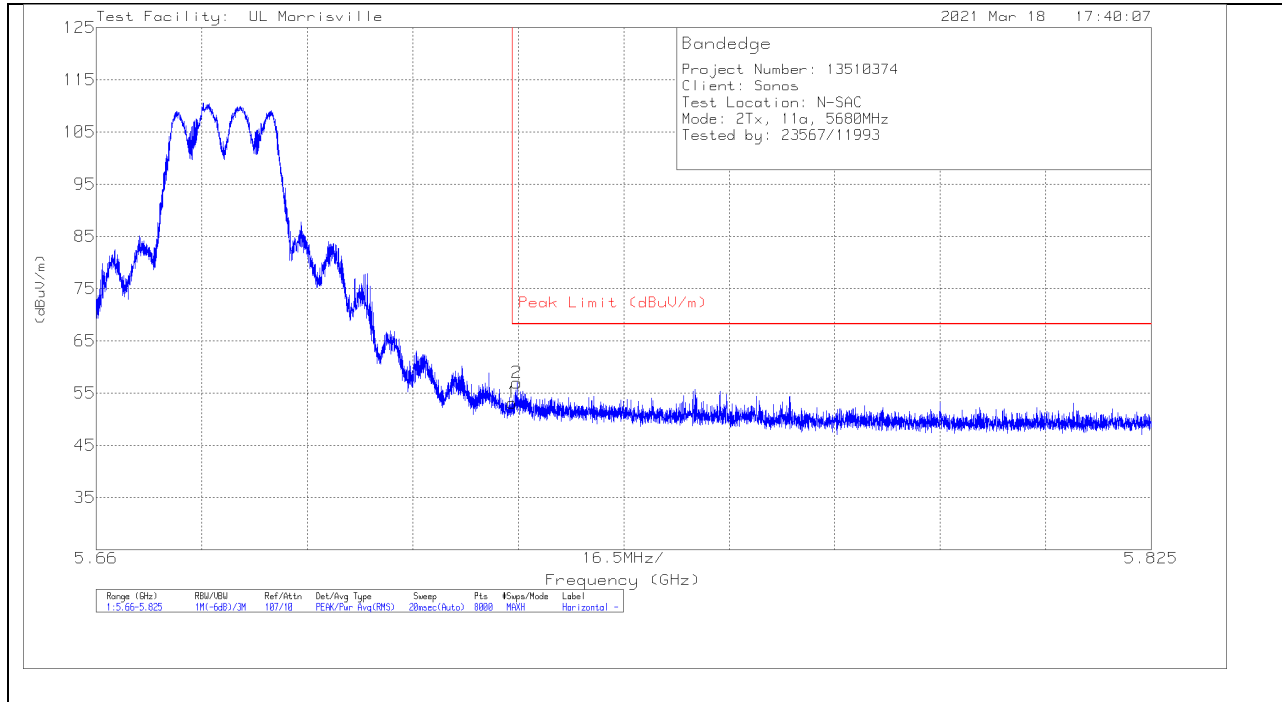
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

**BANDEDGE (5680 MHz)**

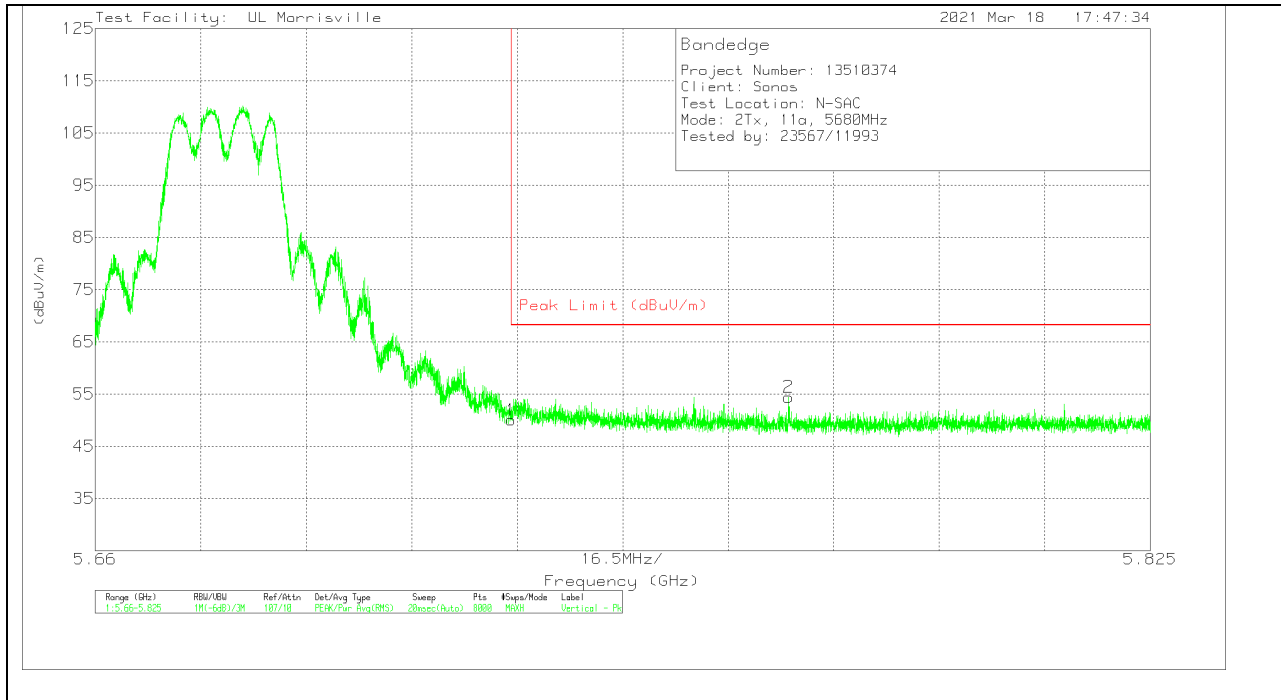
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	41.42	Pk	34.6	-22.9	53.12	68.2	-15.08	356	228	H
2	5.72578	45.29	Pk	34.6	-22.9	56.99	68.2	-11.21	356	228	H

Pk - Peak detector

### VERTICAL RESULT

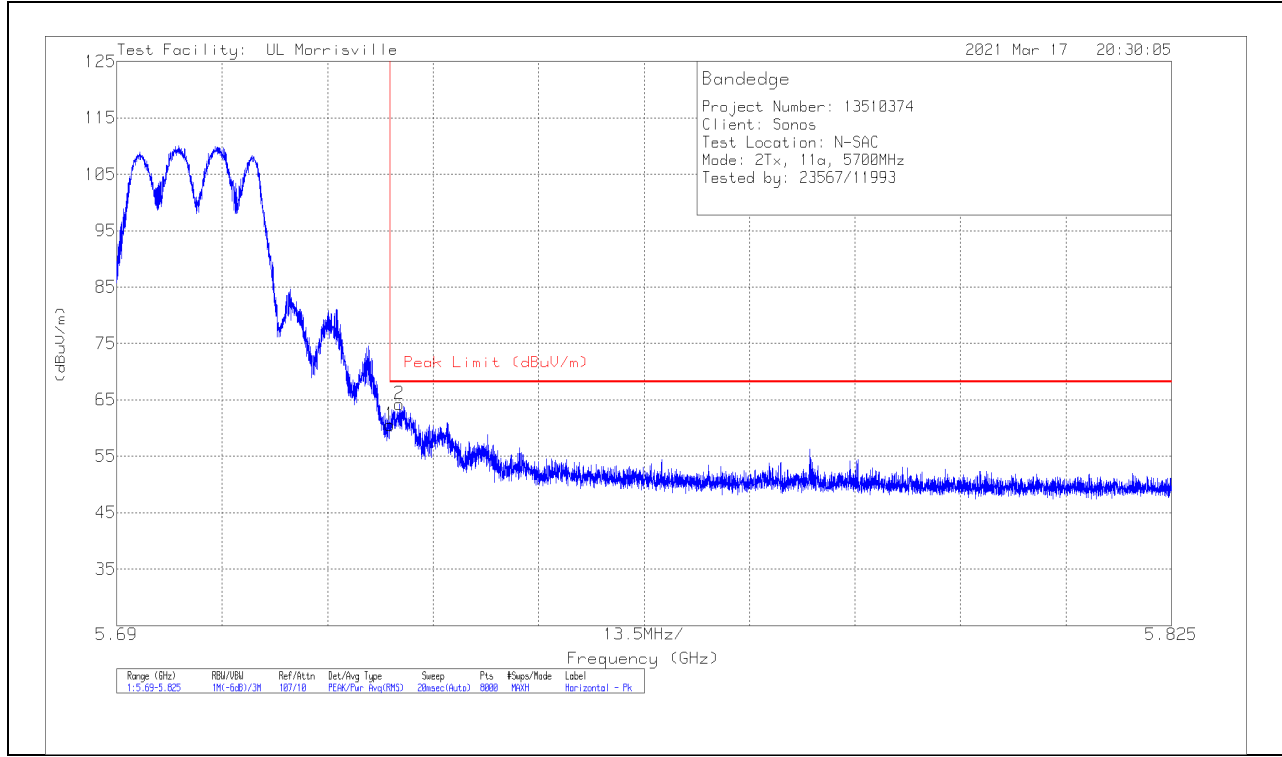


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	38.33	Pk	34.6	-22.9	50.03	68.2	-18.17	221	356	V
2	5.76842	42.61	Pk	34.7	-22.9	54.41	68.2	-13.79	221	356	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

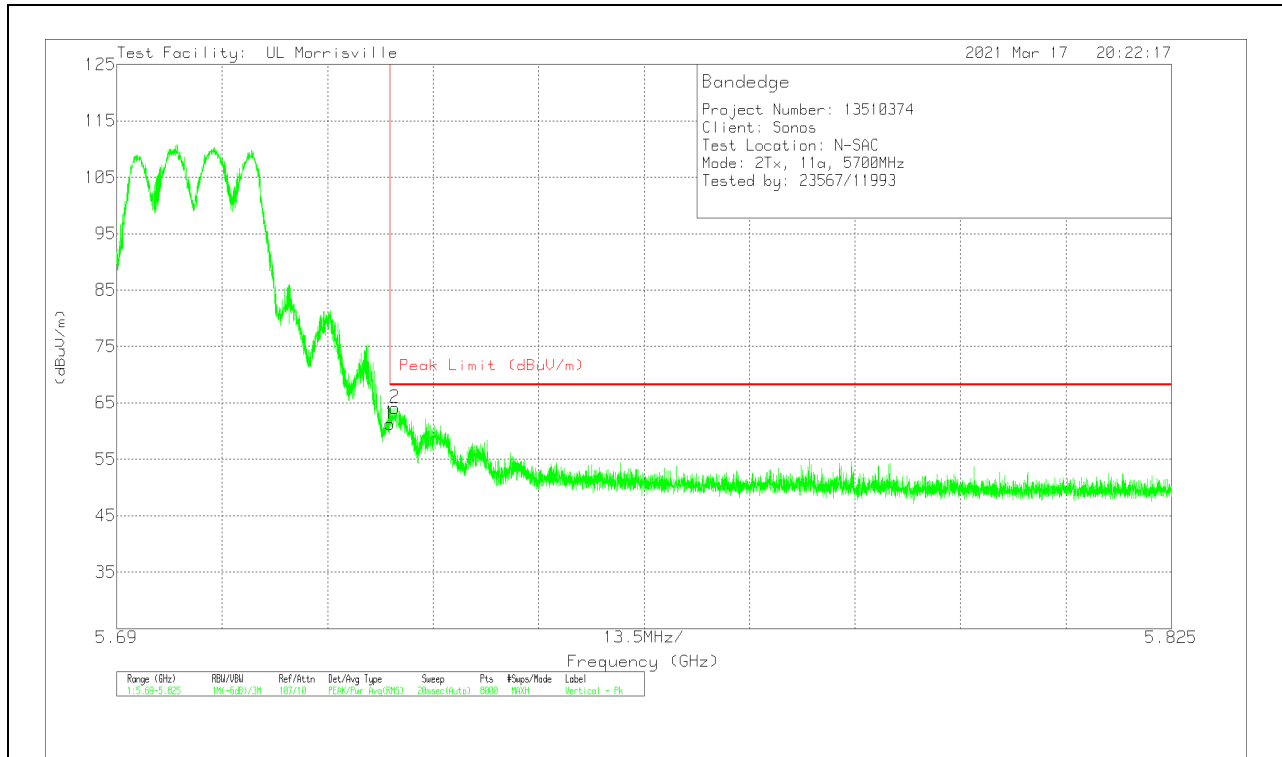


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.87	Pk	34.6	-22.9	60.57	68.2	-7.63	294	182	H
2	5.72618	52.5	Pk	34.6	-22.9	64.2	68.2	-4	294	182	H

Pk - Peak detector



### VERTICAL RESULT



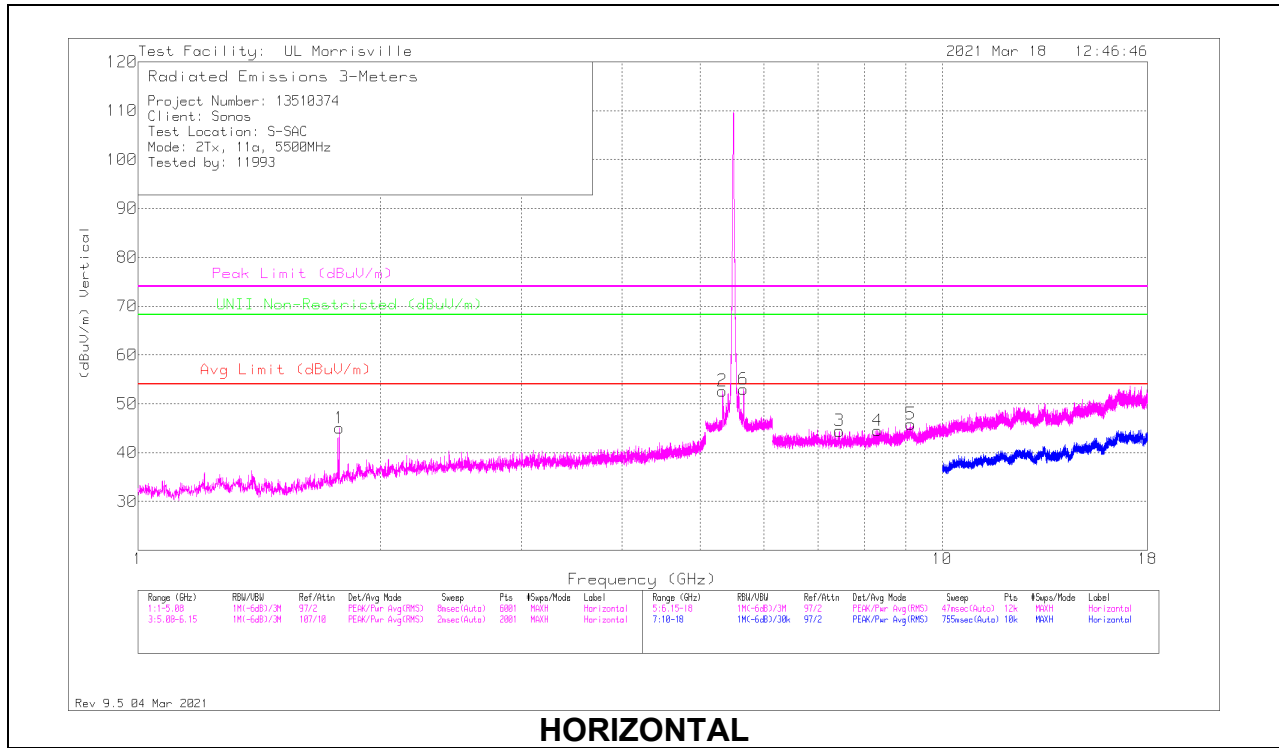
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.62	Pk	34.6	-22.9	61.32	68.2	-6.88	65	221	V
2	5.72559	52.37	Pk	34.6	-22.9	64.07	68.2	-4.13	65	221	V

Pk - Peak detector

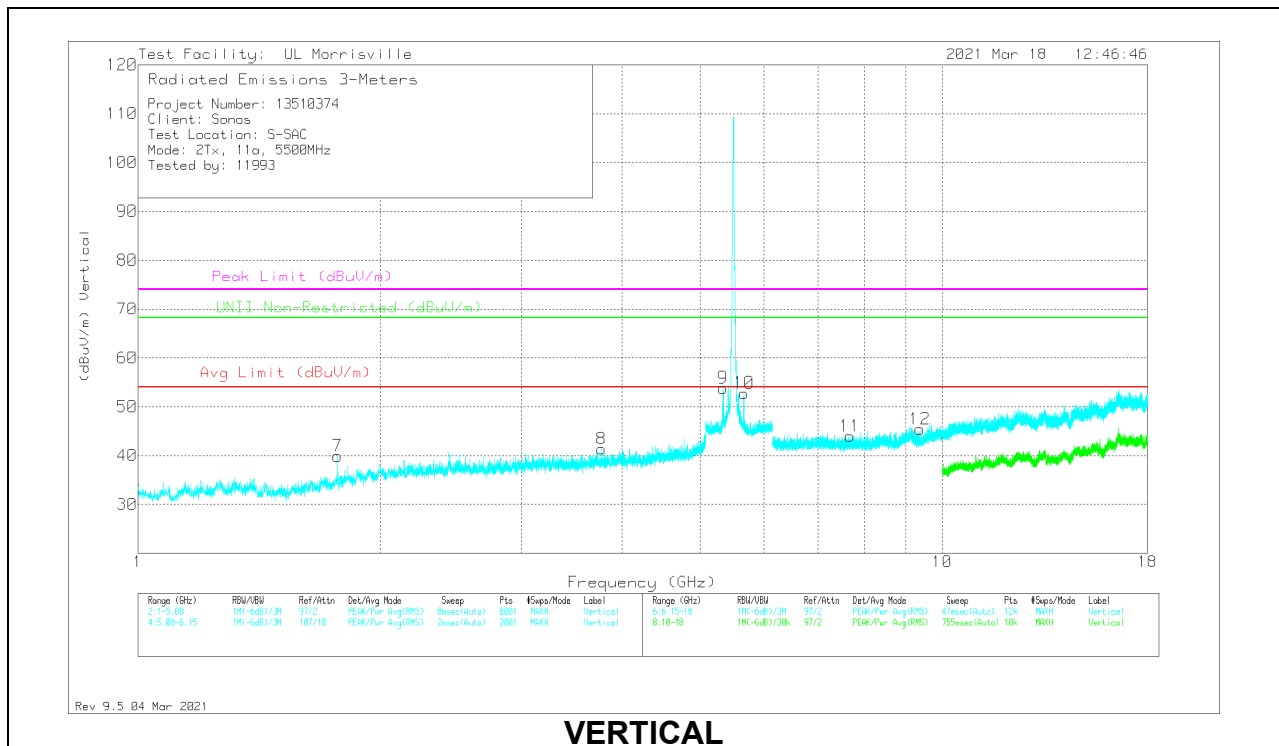
### HARMONICS AND SPURIOUS EMISSIONS

Note – Low and High channels performed at worst-case mid channel power setting.

### LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/fltr/Pad (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	** 1.7786	49.4	Pk	30.3	-34.7	45	54	-9	74	-29	-	-	0-360	101	H
7	** 1.77112	44.49	Pk	30.1	-34.7	39.89	54	-14.11	74	-34.11	-	-	0-360	200	V
8	*** 3.76964	40.98	Pk	33.2	-32.8	41.38	54	-12.62	74	-32.62	-	-	0-360	101	V
3	*** 7.44856	36.85	Pk	35.6	-28	44.45	54	-9.55	74	-29.55	-	-	0-360	200	H
4	*** 8.31164	36.4	Pk	35.8	-27.7	44.5	54	-9.5	74	-29.5	-	-	0-360	101	H
5	*** 9.13916	36.23	Pk	36.3	-26.7	45.83	54	-8.17	74	-28.17	-	-	0-360	101	H
11	*** 7.67371	36.17	Pk	35.7	-27.9	43.97	54	-10.03	74	-30.03	-	-	0-360	101	V
12	*** 9.38011	35.62	Pk	36.4	-26.6	45.42	54	-8.58	74	-28.58	-	-	0-360	101	V
2	5.3295	43.03	PK-U	34.4	-23	54.43	-	-	-	-	68.2	-13.77	13	194	H
9	5.33838	43.27	PK-U	34.5	-23.1	54.67	-	-	-	-	68.2	-13.53	141	270	V
6	5.6617	44.12	PK-U	34.5	-23.4	55.22	-	-	-	-	68.2	-12.98	87	195	H
10	5.66795	42.57	PK-U	34.5	-23.6	53.47	-	-	-	-	68.2	-14.73	141	200	V

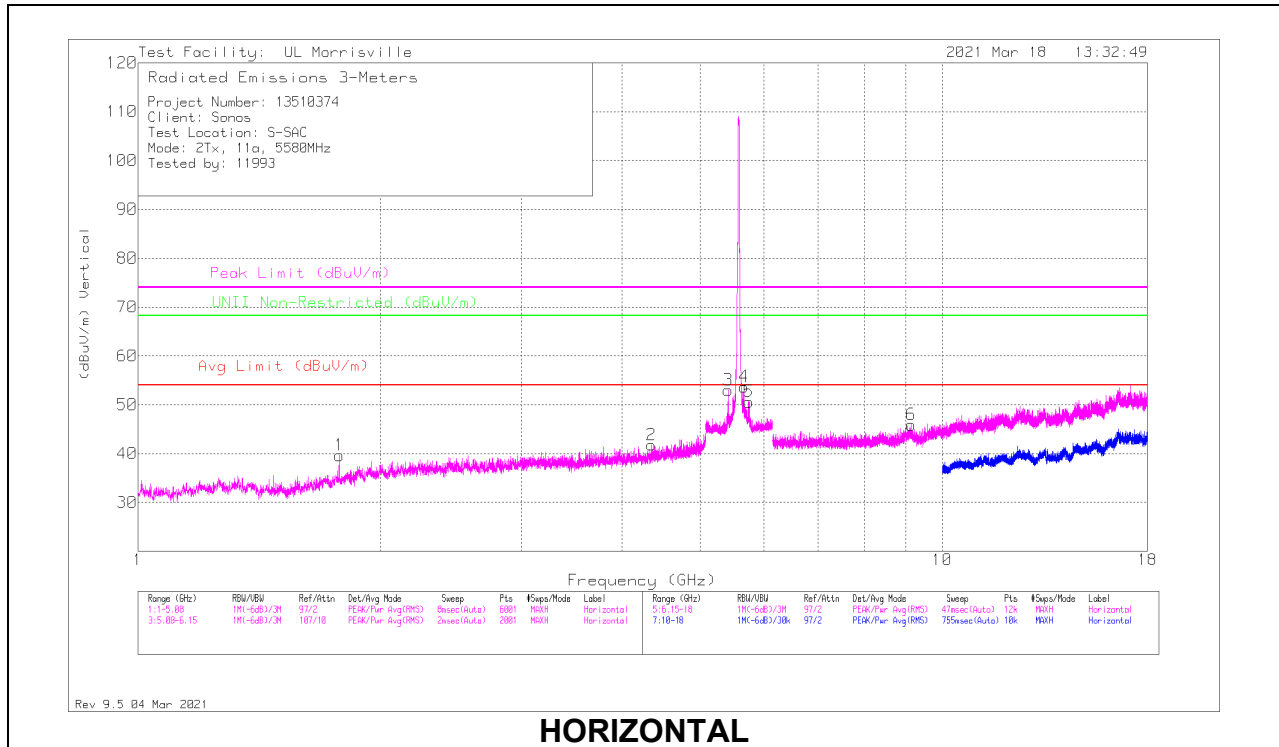
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

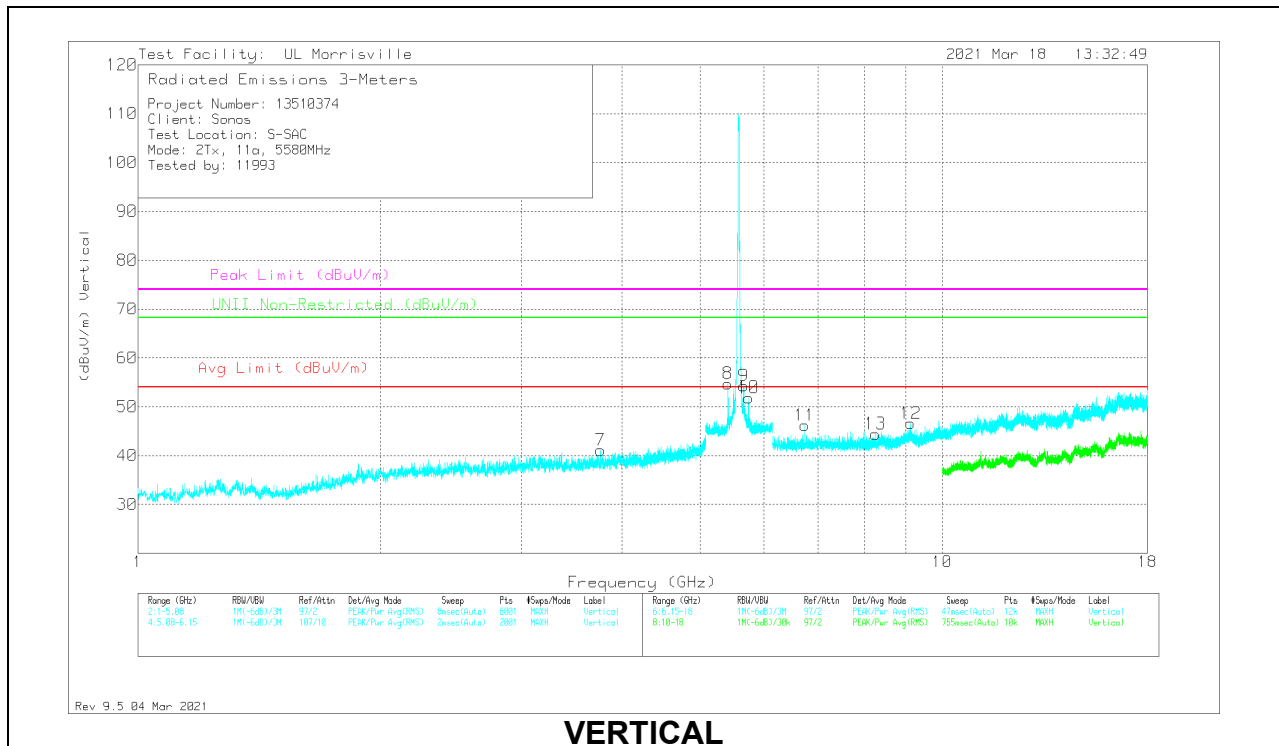
Pk - Peak detector

PK-U - Maximum Peak

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/fltr/Pad (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	** 1.7786	44.03	Pk	30.3	-34.7	0	39.63	54	-14.37	74	-34.37	68.2	-28.57	0-360	200	H
2	*** 4.34832	39.35	Pk	33.6	-31.2	0	41.75	54	-12.25	74	-32.25	-	-	0-360	101	H
7	*** 3.75944	40.48	Pk	33.2	-32.6	0	41.08	54	-12.92	74	-32.92	-	-	0-360	200	V
3	*** 5.41607	42.83	PK-U	34.5	-23.3	0	54.03	-	-	74	-19.97	-	-	338	234	H
	*** 5.41696	25.03	ADV	34.5	-23.3	5.41	41.64	54	-12.36	-	-	-	-	338	234	H
8	*** 5.41358	44.87	PK-U	34.5	-23.3	0	56.07	-	-	74	-17.93	-	-	259	105	V
	*** 5.41382	26.32	ADV	34.5	-23.3	5.41	42.93	54	-11.07	-	-	-	-	259	105	V
6	*** 9.14805	36.39	Pk	36.3	-26.8	0	45.89	54	-8.11	74	-28.11	-	-	0-360	101	H
12	*** 9.13719	36.96	Pk	36.3	-26.7	0	46.56	54	-7.44	74	-27.44	-	-	0-360	101	V
13	*** 8.25831	36.43	Pk	35.8	-27.8	0	44.43	54	-9.57	74	-29.57	-	-	0-360	101	V
4	5.66501	45.48	PK-U	34.5	-23.5	0	56.48	-	-	-	-	68.2	-11.72	128	125	H
9	5.66637	45.7	PK-U	34.5	-23.6	0	56.6	-	-	-	-	68.2	-11.6	291	204	V
10	5.74376	43.82	PK-U	34.6	-23.5	0	54.92	-	-	-	-	68.2	-13.28	287	211	V
5	5.74784	38.81	PK-U	34.6	-23.5	0	49.91	-	-	-	-	68.2	-18.29	360	393	H
11	6.74645	39.29	Pk	35.7	-28.8	0	46.19	-	-	-	-	68.2	-22.01	0-360	200	V

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

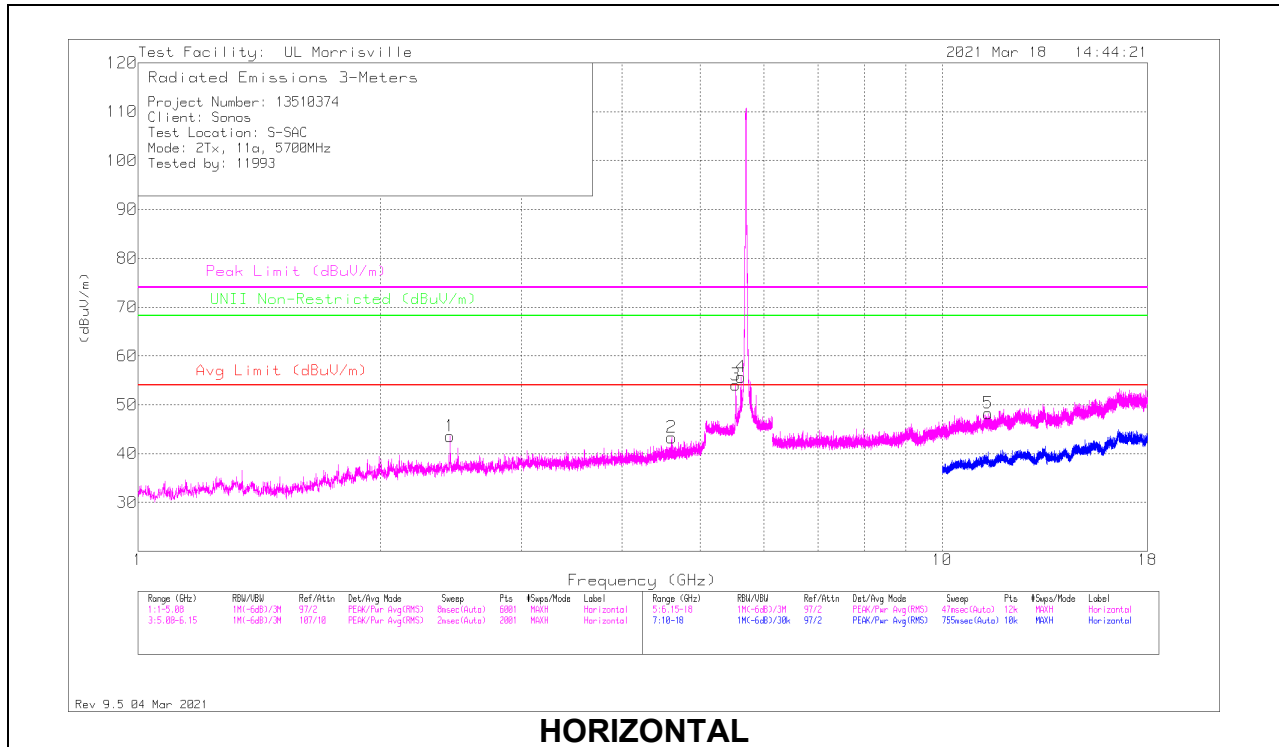
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

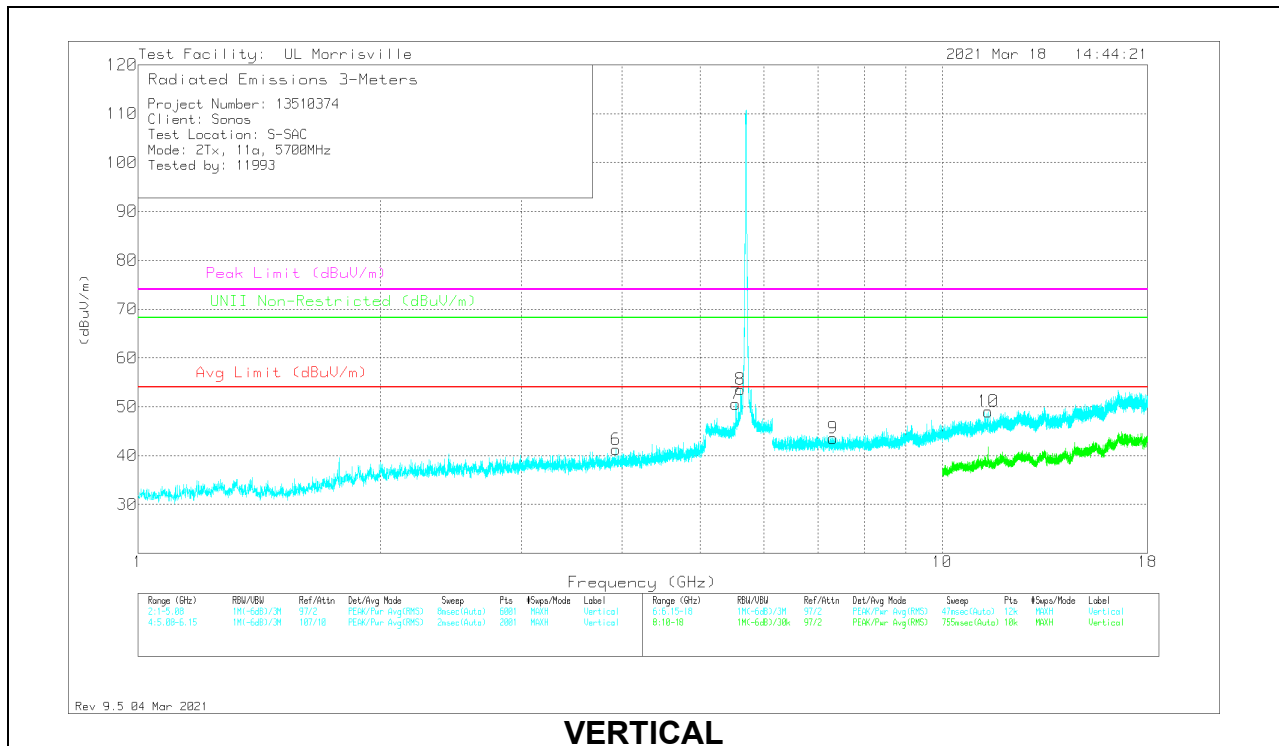
PK-U - Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/fltr/Pad (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
2	*** 4.6074	40.49	Pk	34.1	-31.3	0	43.29	54	-10.71	74	-30.71	-	-	0-360	101	H
6	*** 3.9274	39.83	Pk	33.4	-32	0	41.23	54	-12.77	74	-32.77	-	-	0-360	200	V
5	*** 11.39823	38.14	PK-U	38.1	-24.8	0	51.44	-	-	74	-22.56	-	-	109	248	H
	*** 11.39772	24.51	ADV	38.1	-24.8	5.41	43.22	54	-10.78	-	-	-	-	109	248	H
9	*** 7.31525	35.95	Pk	35.6	-28	0	43.55	54	-10.45	74	-30.45	-	-	0-360	200	V
10	*** 11.40707	39.98	PK-U	38.1	-24.8	0	53.28	-	-	74	-20.72	-	-	231	308	V
	*** 11.40598	25.51	ADV	38.1	-24.8	5.41	44.22	54	-9.78	-	-	-	-	231	308	V
1	2.44364	45.16	Pk	32.5	-34.1	0	43.56	-	-	-	-	68.2	-24.64	0-360	200	H
7	5.53075	44.3	PK-U	34.4	-23.4	0	55.3	-	-	-	-	68.2	-12.9	115	291	V
3	5.53213	44.18	PK-U	34.4	-23.4	0	55.18	-	-	-	-	68.2	-13.02	61	308	H
8	5.61099	45.08	PK-U	34.4	-23.4	0	56.08	-	-	-	-	68.2	-12.12	130	314	V
4	5.62113	46.41	PK-U	34.4	-23.4	0	57.41	-	-	-	-	68.2	-10.79	319	118	H

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

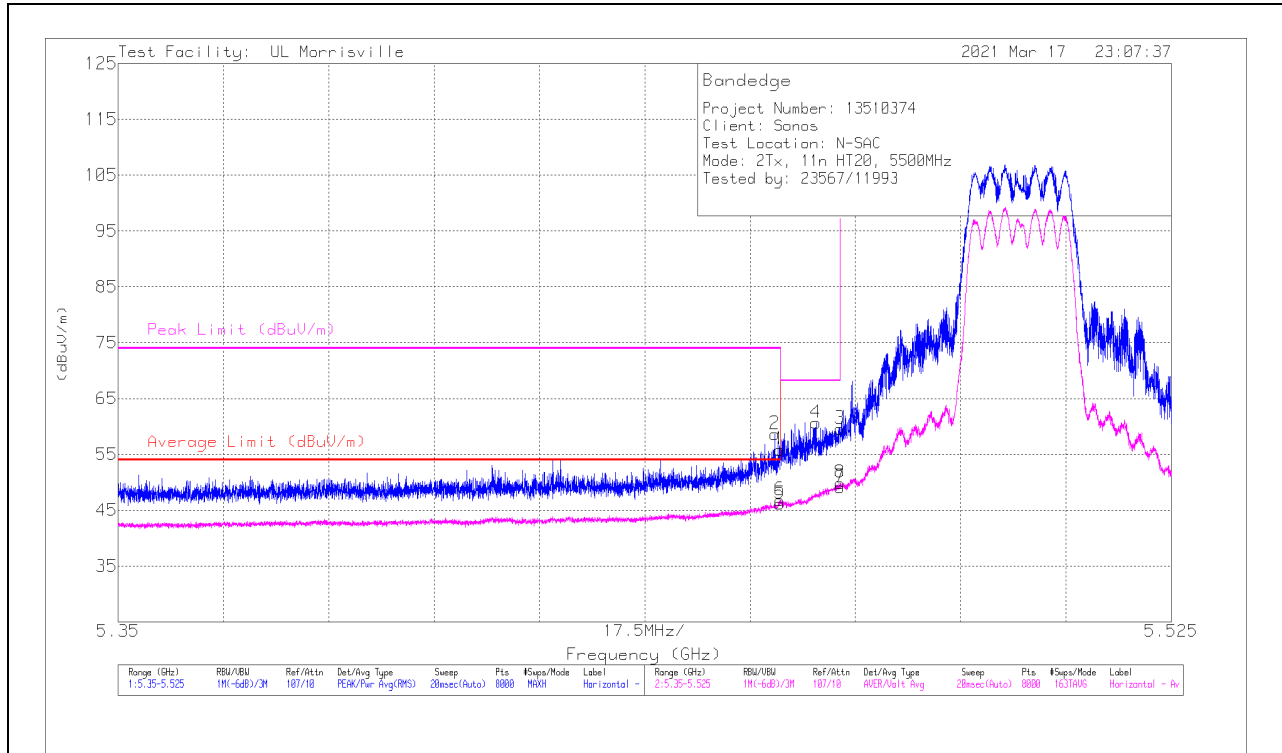
ADV - Linear Voltage Average

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

#### 2TX Chain 0 + Chain 1 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	* ** 5.45998	44.55	Pk	34.4	-23.1	0	55.85	-	-	74	-18.15	336	214	H
2	* ** 5.45913	47.23	Pk	34.4	-23	0	58.63	-	-	74	-15.37	336	214	H
5	* ** 5.45998	30.57	ADV	34.4	-23.1	4.3	46.17	54	-7.83	-	-	336	214	H
6	* ** 5.45996	31.23	ADV	34.4	-23.1	4.3	46.83	54	-7.17	-	-	336	214	H
4	5.46595	49.35	Pk	34.3	-23	0	60.65	-	-	68.2	-7.55	336	214	H
8	5.46994	34.19	ADV	34.4	-23	4.3	49.89	-	-	-	-	336	214	H
3	5.46998	48.19	Pk	34.4	-23	0	59.59	-	-	68.2	-8.61	336	214	H
7	5.46998	33.42	ADV	34.4	-23	4.3	49.12	-	-	-	-	336	214	H

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

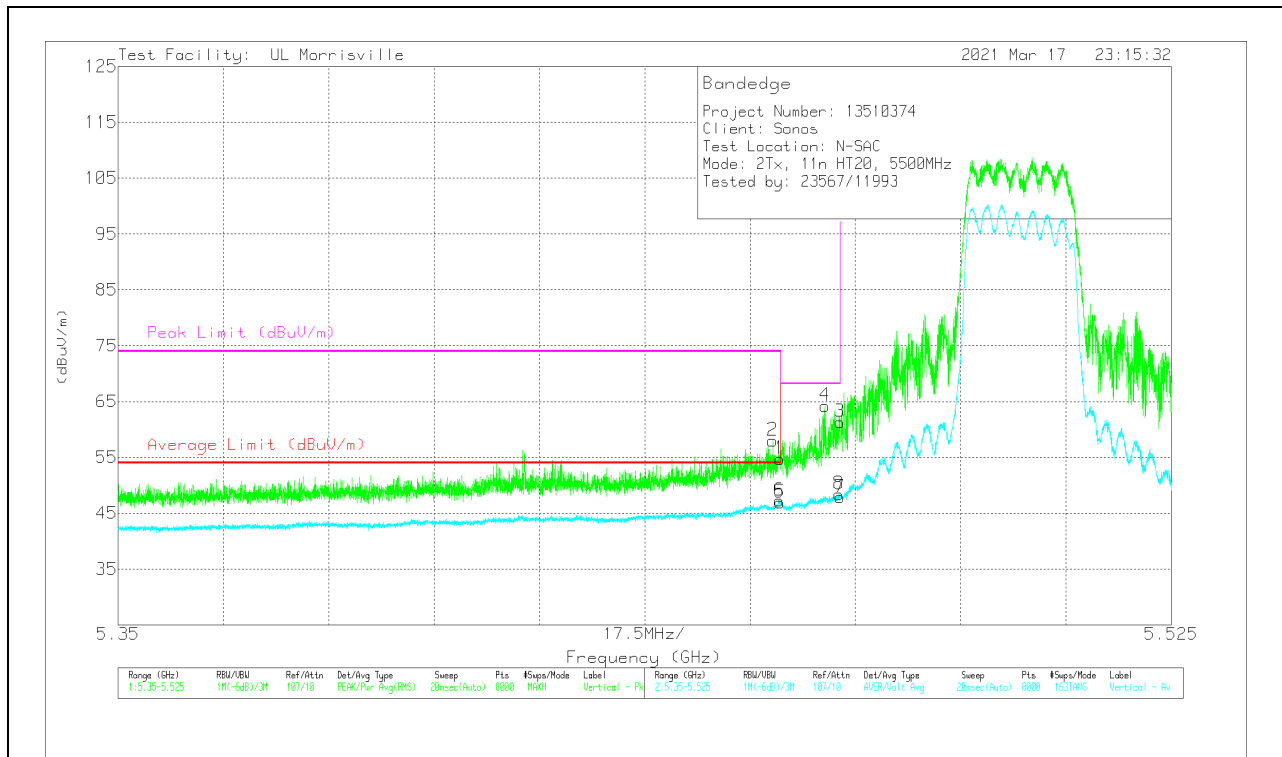
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average



### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	*** 5.45998	43.45	Pk	34.4	-23.1	0	54.75	-	-	74	-19.25	185	214	V
2	*** 5.45876	46.61	Pk	34.4	-23	0	58.01	-	-	74	-15.99	185	214	V
5	*** 5.45998	31.32	ADV	34.4	-23.1	4.3	46.92	54	-7.08	-	-	185	214	V
6	*** 5.45983	31.65	ADV	34.4	-23.1	4.3	47.25	54	-6.75	-	-	185	214	V
4	5.46744	52.94	Pk	34.3	-23	0	64.24	-	-	68.2	-3.96	185	214	V
8	5.46978	32.7	ADV	34.4	-23	4.3	48.4	-	-	-	-	185	214	V
3	5.46998	49.94	Pk	34.4	-23	0	61.34	-	-	68.2	-6.86	185	214	V
7	5.46998	32.17	ADV	34.4	-23	4.3	47.87	-	-	-	-	185	214	V

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

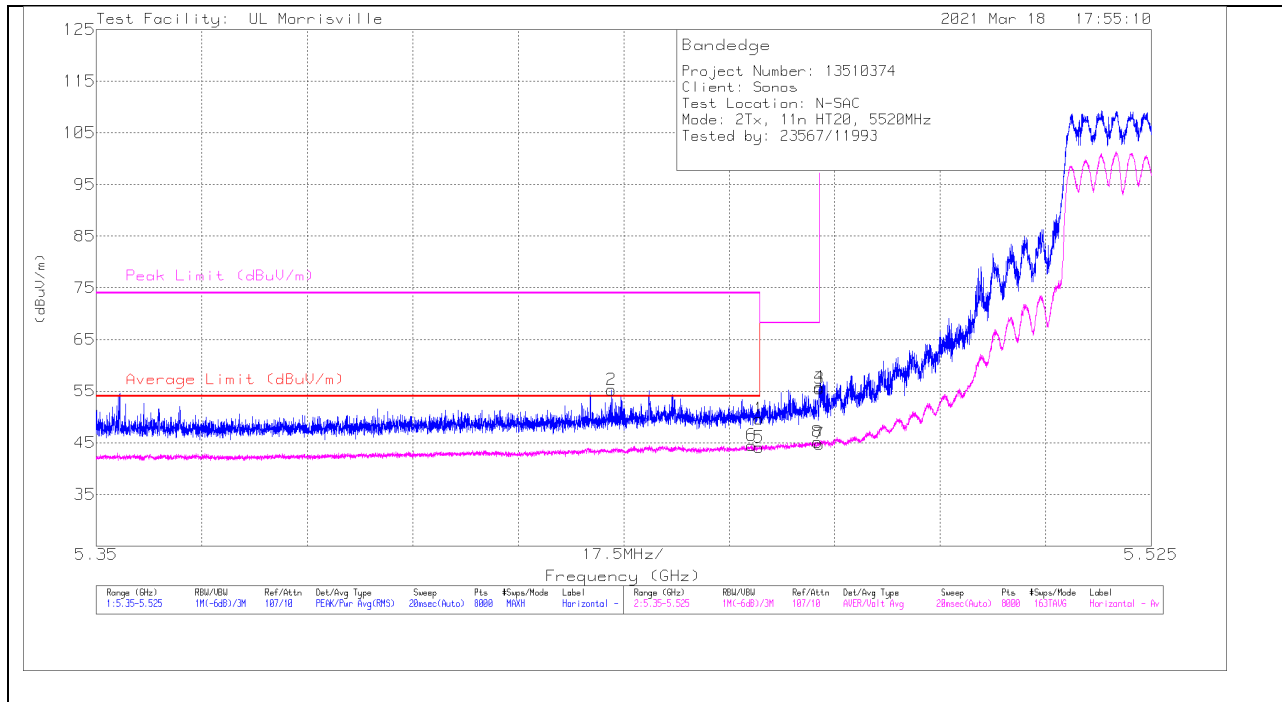
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANEDGE (5520 MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/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	* ** 5.45998	38.34	Pk	34.4	-23.1	0	49.64	-	-	74	-24.36	331	274	H
2	* ** 5.43548	43.96	Pk	34.4	-23.1	0	55.26	-	-	74	-18.74	331	274	H
5	* ** 5.45998	28.54	ADV	34.4	-23.1	4.3	44.14	54	-9.86	-	-	331	274	H
6	* ** 5.45873	28.82	ADV	34.4	-23	4.3	44.52	54	-9.48	-	-	331	274	H
8	5.46967	29.45	ADV	34.4	-23	4.3	45.15	-	-	-	-	331	274	H
4	5.46994	44.4	Pk	34.4	-23	0	55.8	-	-	68.2	-12.4	331	274	H
3	5.46998	44.1	Pk	34.4	-23	0	55.5	-	-	68.2	-12.7	331	274	H
7	5.46998	29.08	ADV	34.4	-23	4.3	44.78	-	-	-	-	331	274	H

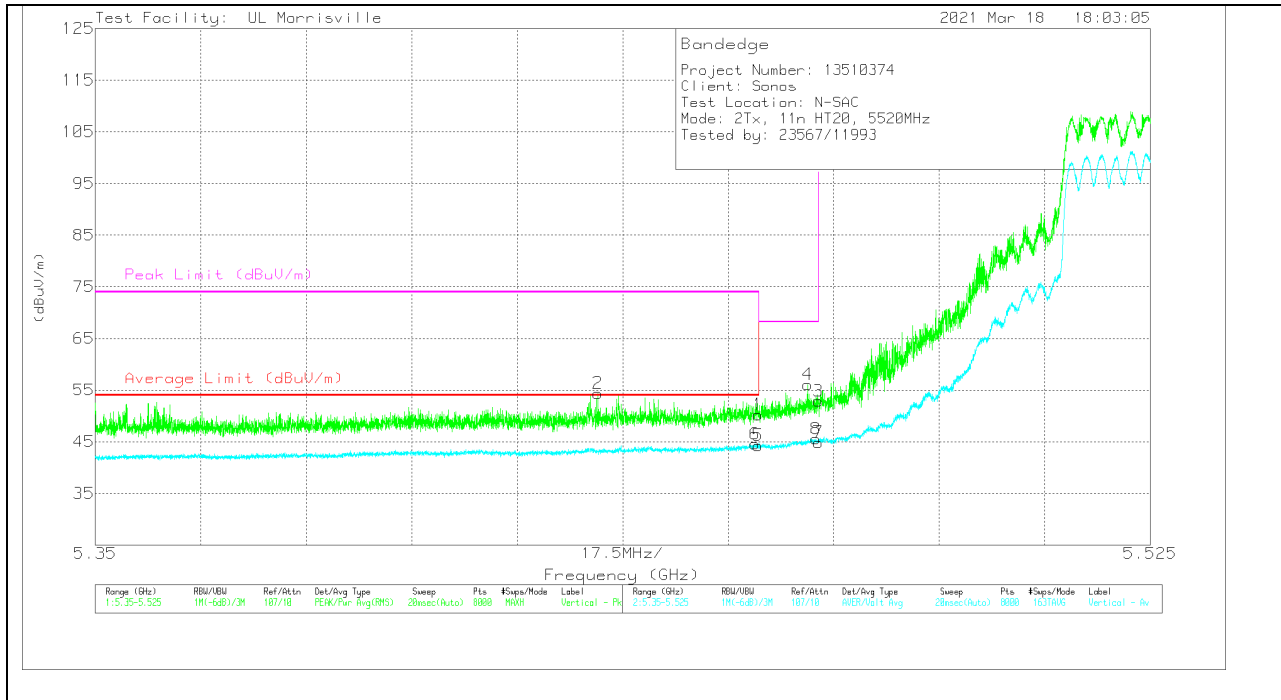
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - U-NII AD primary method, Linear Voltage Average

### VERTICAL RESULT

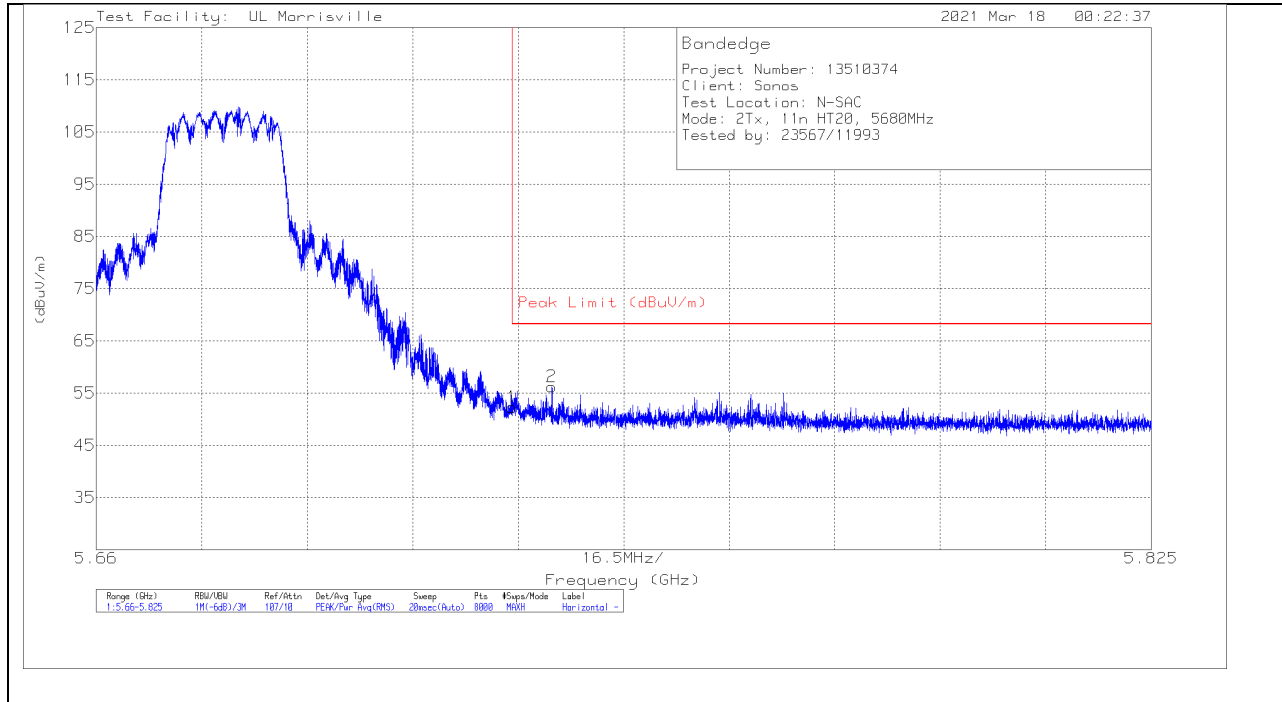


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 5.45998	38.93	Pk	34.4	-23.1	0	50.23	-	-	74	-23.77	44	323	V
2	* ** 5.4334	43.07	Pk	34.4	-23.1	0	54.37	-	-	74	-19.63	44	323	V
5	* ** 5.45998	28.66	ADV	34.4	-23.1	4.3	44.26	54	-9.74	-	-	44	323	V
6	* ** 5.45946	28.88	ADV	34.4	-23	4.3	44.58	54	-9.42	-	-	44	323	V
4	5.46819	44.69	Pk	34.4	-23	0	56.09	-	-	68.2	-12.11	44	323	V
8	5.46952	29.87	ADV	34.4	-23	4.3	45.57	-	-	-	-	44	323	V
3	5.46998	41.46	Pk	34.4	-23	0	52.86	-	-	68.2	-15.34	44	323	V
7	5.46998	29.15	ADV	34.4	-23	4.3	44.85	-	-	-	-	44	323	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - U-NII AD primary method, Linear Voltage Average

**BANEDGE (5680 MHz)**

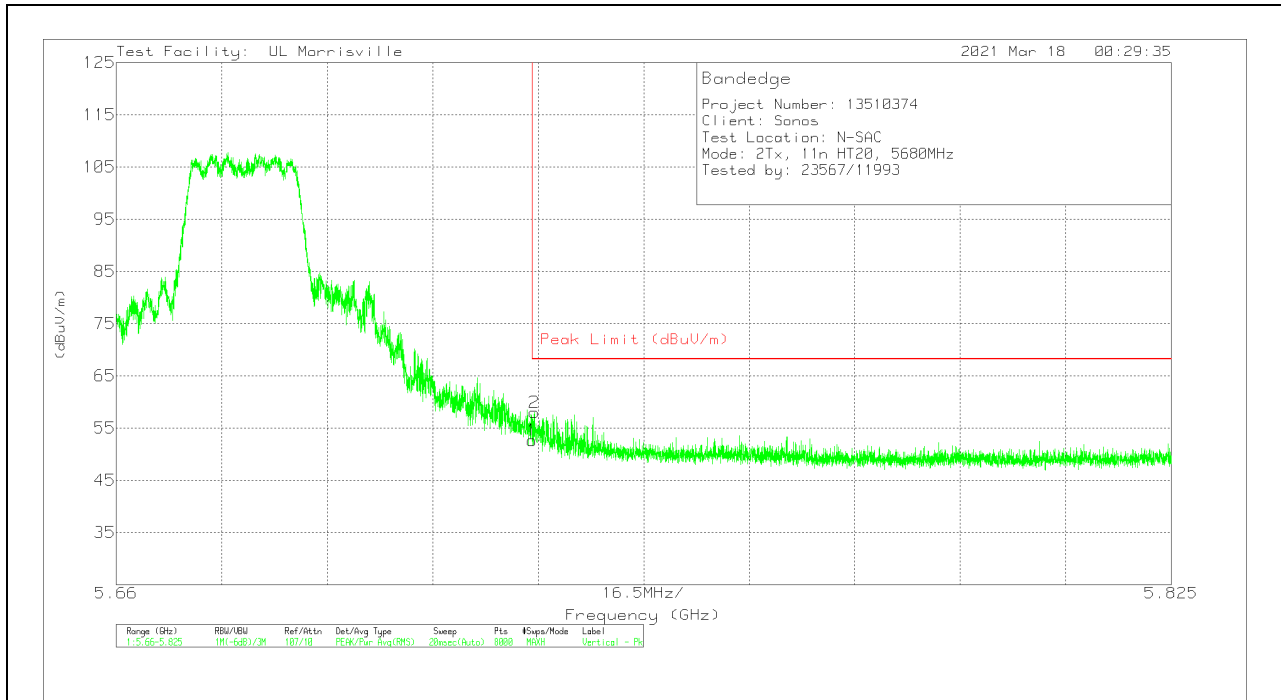
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	40.59	Pk	34.6	-22.9	52.29	68.2	-15.91	353	266	H
2	5.73127	44.43	Pk	34.7	-22.9	56.23	68.2	-11.97	353	266	H

Pk - Peak detector

### VERTICAL RESULT

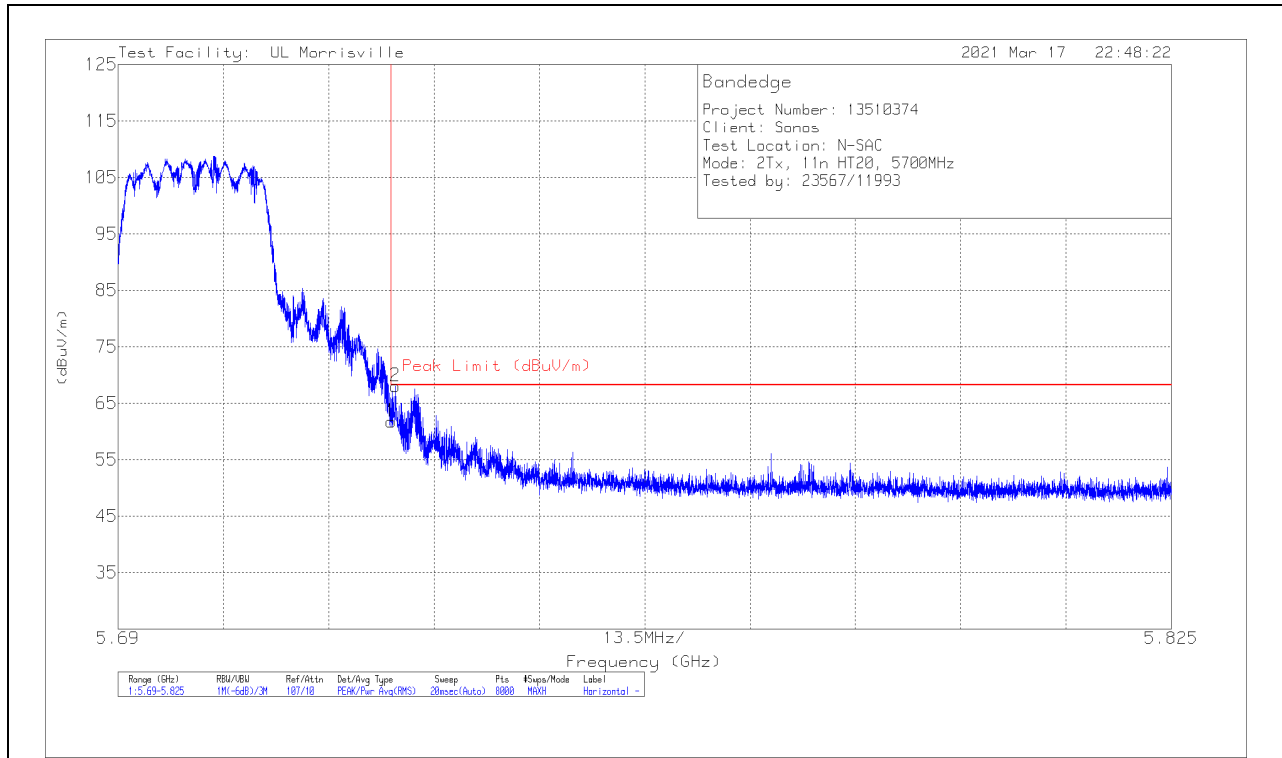


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr /Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.72502	40.94	Pk	34.6	-22.9	52.64	68.2	-15.56	301	163	V
2	5.72539	46.29	Pk	34.6	-22.9	57.99	68.2	-10.21	301	163	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

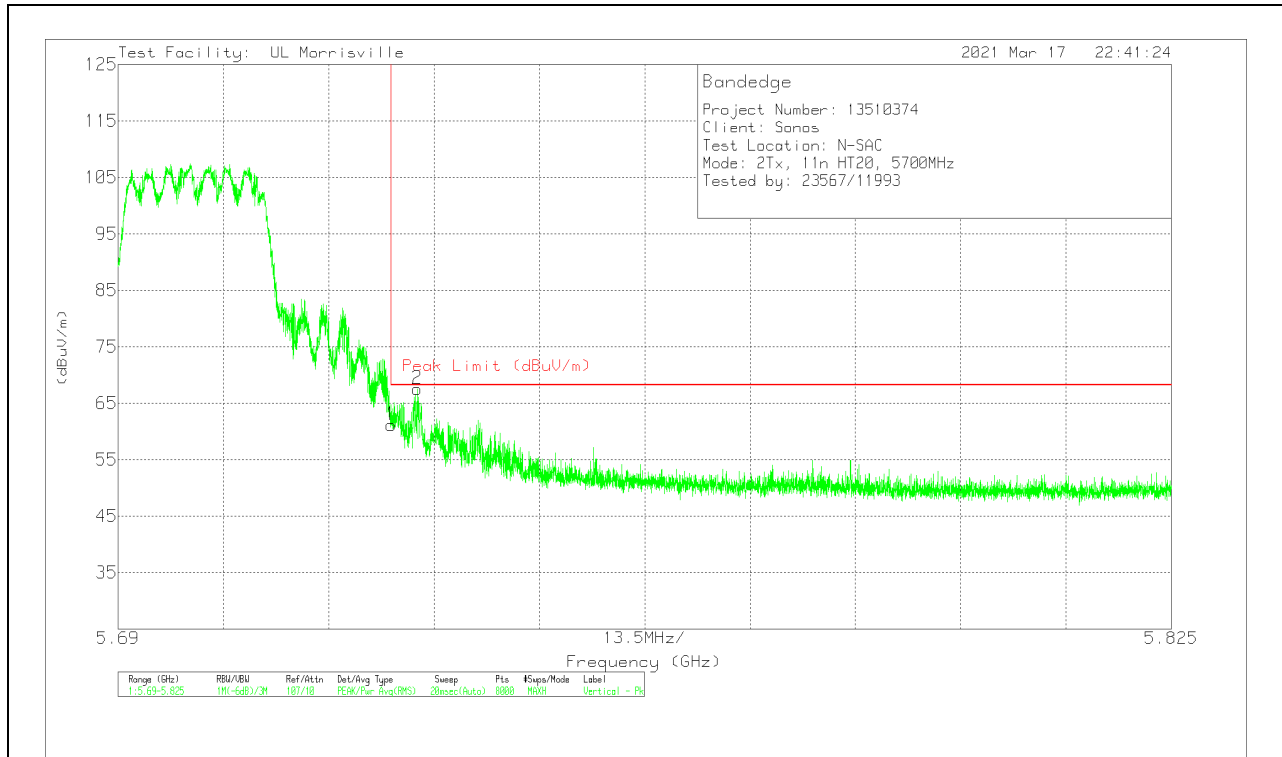
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	50.04	Pk	34.6	-22.9	61.74	68.2	-6.46	351	240	H
2	5.72554	56.32	Pk	34.6	-22.9	68.02	68.2	-1.18	351	240	H

Pk - Peak detector

### VERTICAL RESULT



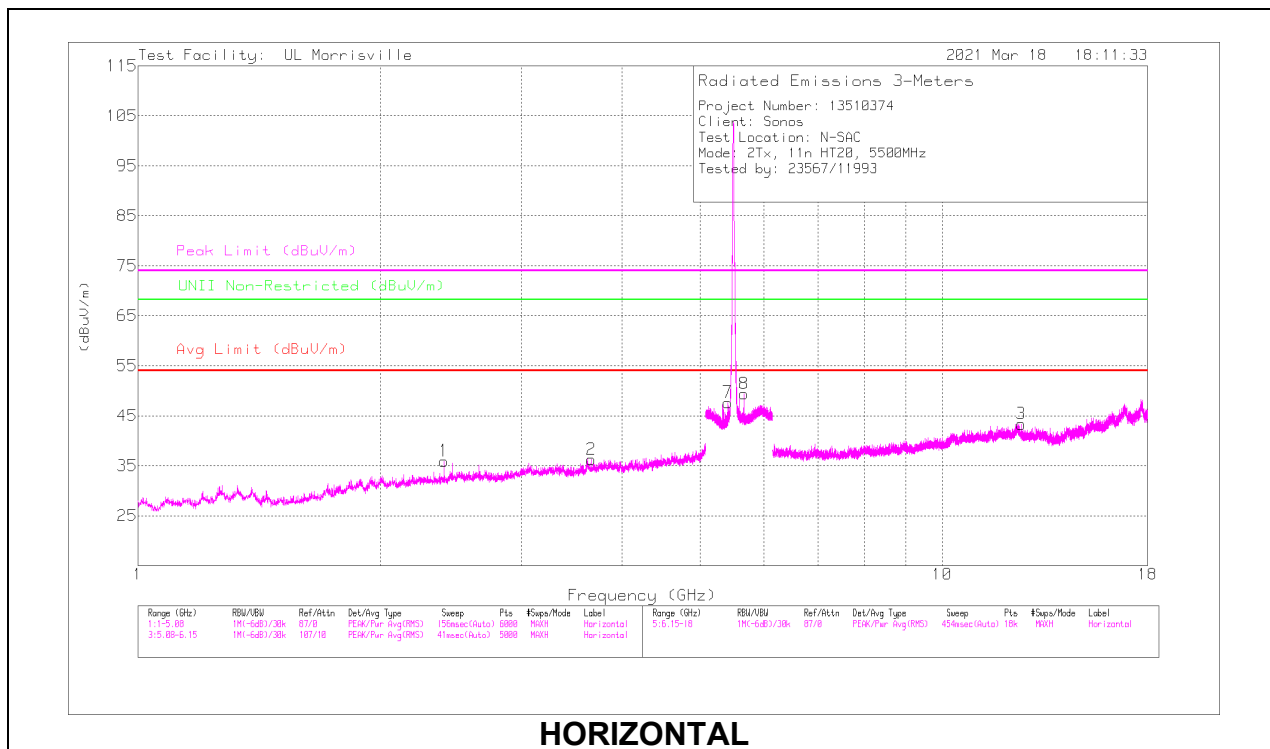
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.46	Pk	34.6	-22.9	61.16	68.2	-7.04	218	317	V
2	5.72833	55.86	Pk	34.6	-22.9	67.56	68.2	-6.4	218	317	V

Pk - Peak detector

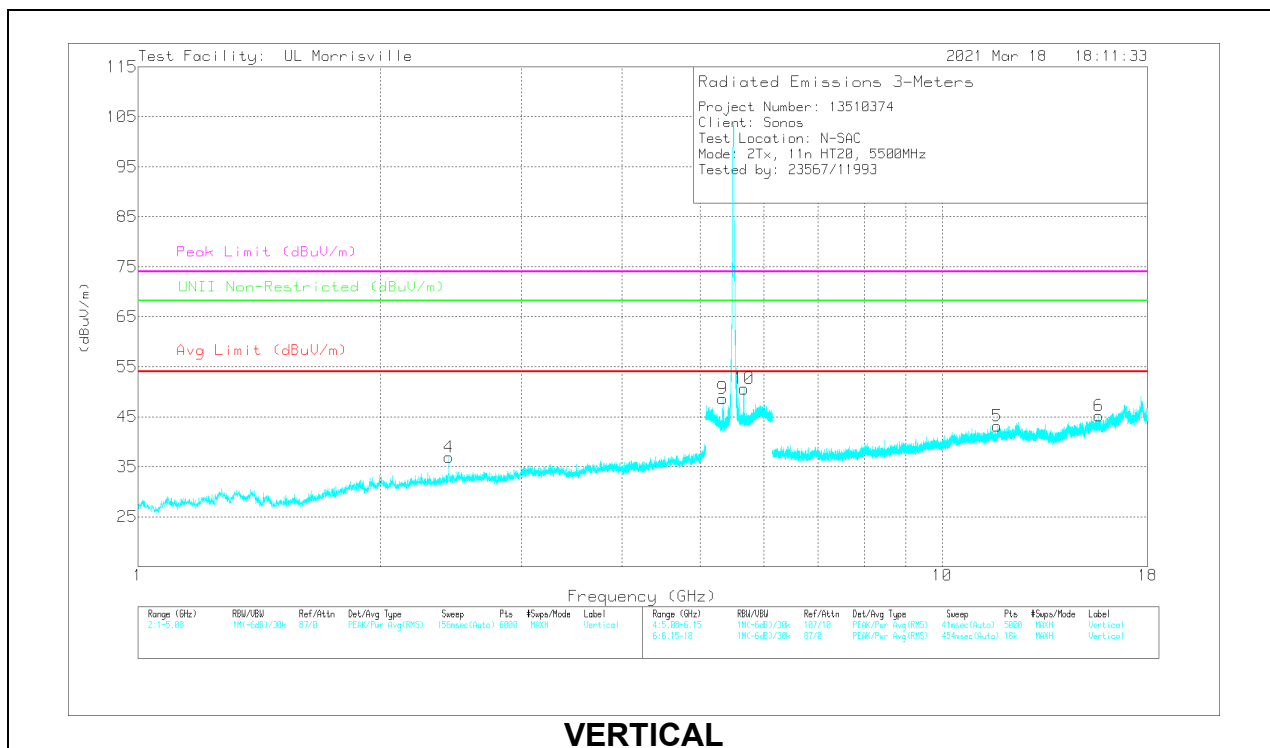
### HARMONICS AND SPURIOUS EMISSIONS

Note – Low and High channels performed at worst-case mid channel power setting.

### LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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
2	*** 3.659	40.91	PK-U	33	-32.3	0	41.61	-	-	74	-32.39	-	-	251	154	H
	*** 3.65908	28.07	ADV	33	-32.3	4.3	33.09	54	-20.91	-	-	-	-	251	154	H
7	** 5.41354	44.81	PK-U	34.4	-23	0	56.21	-	-	74	-17.79	-	-	335	391	H
	** 5.41272	27.7	ADV	34.4	-23	4.3	43.42	54	-10.58	-	-	-	-	335	391	H
3	** 12.54447	35.89	PK-U	39	-26.4	0	48.49	-	-	74	-25.51	-	-	217	143	H
	** 12.54299	23.27	ADV	39	-26.4	4.3	40.19	54	-13.81	-	-	-	-	217	143	H
5	** 11.70983	36.24	PK-U	38.4	-26.2	0	48.44	-	-	74	-25.56	-	-	305	324	V
	** 11.70892	23.27	ADV	38.4	-26.2	4.3	39.79	54	-14.21	-	-	-	-	305	324	V
6	** 15.65093	36.43	PK-U	40.2	-26.6	0	50.03	-	-	74	-23.97	-	-	334	109	V
	** 15.65014	23.29	ADV	40.2	-26.6	4.3	41.21	54	-12.79	-	-	-	-	334	109	V
1	2.40215	46.09	PK-U	31.9	-34.2	0	43.79	-	-	-	-	68.2	-24.41	95	395	H
4	2.43356	47.29	PK-U	32.1	-34	0	45.39	-	-	-	-	68.2	-22.81	159	297	V
9	5.33326	42.89	PK-U	34.4	-23.1	0	54.19	-	-	-	-	68.2	-14.01	78	276	V
8	5.66544	44.75	PK-U	34.7	-23.1	0	56.35	-	-	-	-	68.2	-11.85	355	272	H
10	5.66779	44.9	PK-U	34.7	-23.1	0	56.5	-	-	-	-	68.2	-11.7	61	206	V

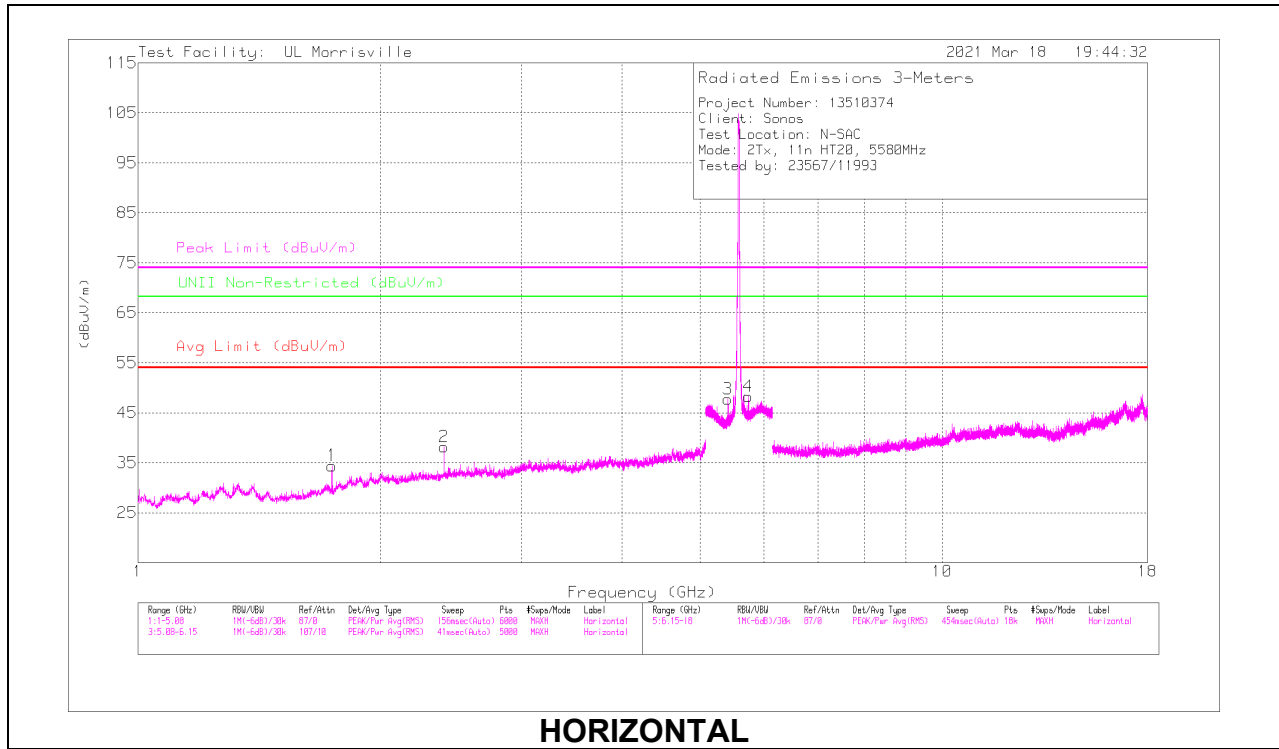
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

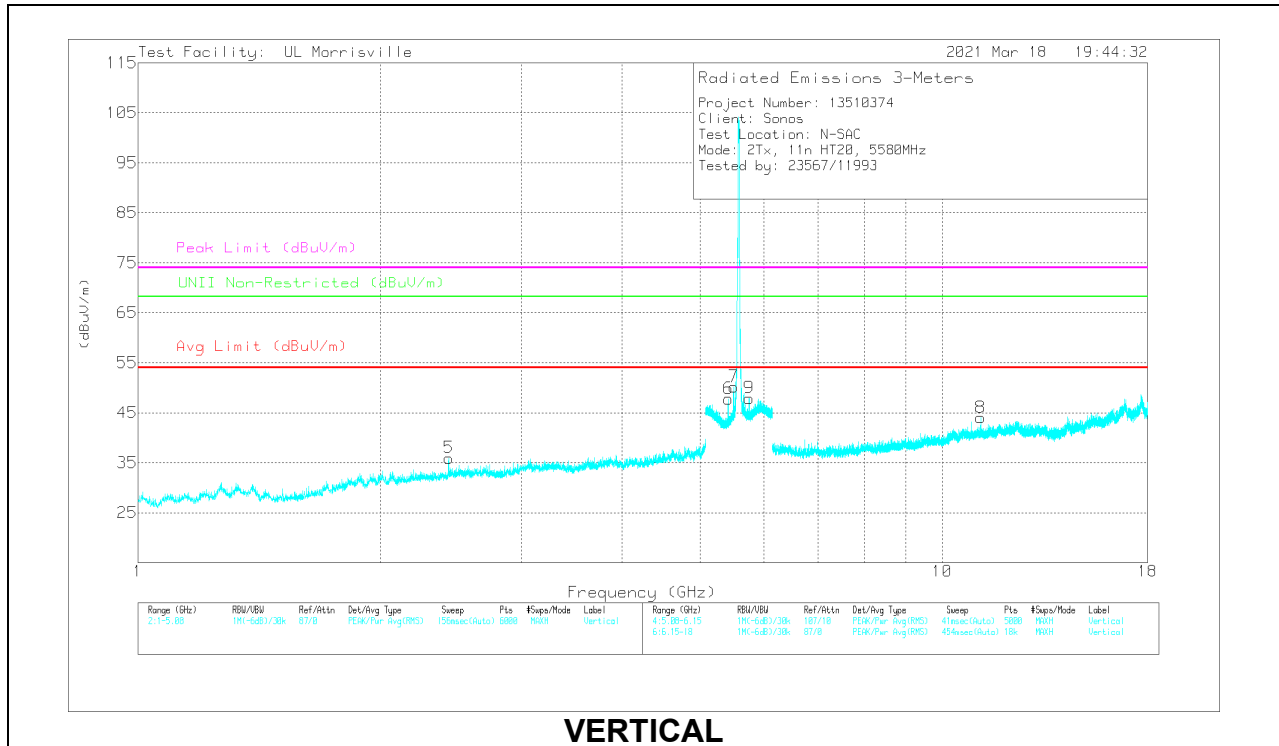
PK-U - Maximum Peak

ADV - Linear Voltage Average

### MID CHANNEL RESULTS



**HORIZONTAL**



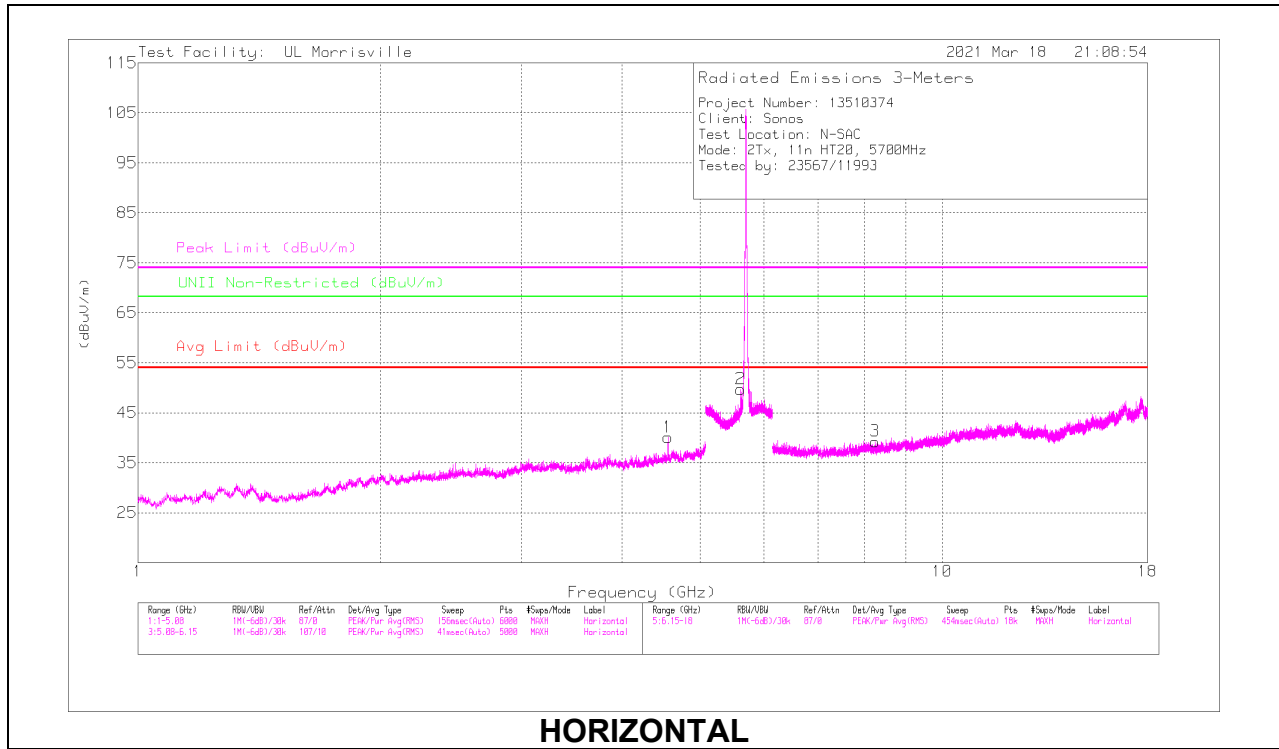
**VERTICAL**

**RADIATED EMISSIONS**

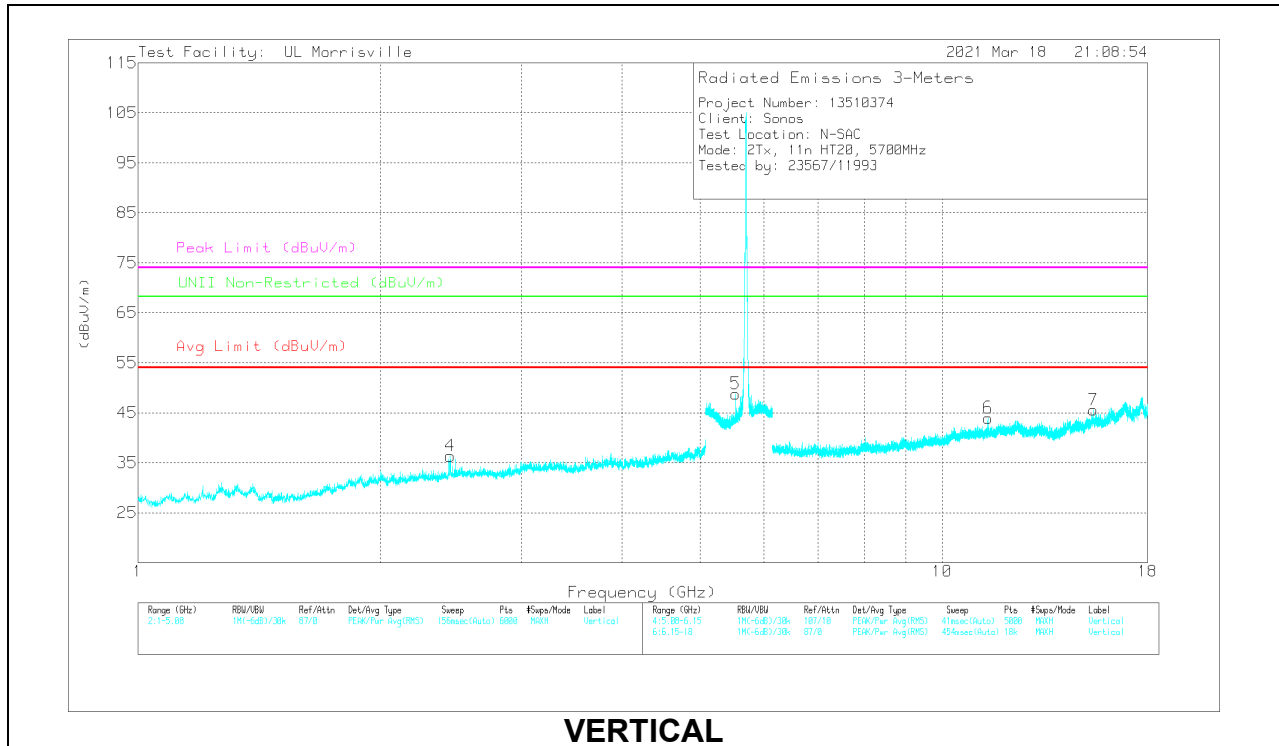
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.74116	42.63	PK-U	29.5	-35.4	0	36.73	-	-	-	-	68.2	-31.47	292	174	H
	** 1.74152	30.75	ADV	29.5	-35.4	4.3	29.17	54	-24.83	-	-	-	-	292	174	H
3	*** 5.41093	43.77	PK-U	34.4	-23.1	0	55.07	-	-	74	-18.93	-	-	322	338	H
	*** 5.41072	26.89	ADV	34.4	-23.1	4.3	42.51	54	-11.49	-	-	-	-	322	338	H
6	*** 5.41978	43.32	PK-U	34.3	-23.2	0	54.42	-	-	74	-19.58	-	-	226	341	V
	*** 5.41966	26.95	ADV	34.3	-23.1	4.3	42.47	54	-11.53	-	-	-	-	226	341	V
8	*** 11.16347	36.95	PK-U	37.9	-26.2	0	48.65	-	-	74	-25.35	-	-	0	378	V
	*** 11.16339	23.85	ADV	37.9	-26.2	4.3	39.87	54	-14.13	-	-	-	-	0	378	V
2	2.40175	43.36	PK-U	31.9	-34.2	0	41.06	-	-	-	-	68.2	-27.14	152	344	H
5	2.43401	49.02	PK-U	32.1	-34	0	47.12	-	-	-	-	68.2	-21.08	59	242	V
7	5.50237	44.97	PK-U	34.4	-23	0	56.37	-	-	-	-	68.2	-11.83	42	251	V
4	5.74016	43.43	PK-U	34.7	-22.9	0	55.23	-	-	-	-	68.2	-12.97	296	266	H
9	5.75296	44	PK-U	34.7	-22.9	0	55.8	-	-	-	-	68.2	-12.4	226	212	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK-U - Maximum Peak  
 ADV - Linear Voltage Average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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	*** 4.56083	42.8	PK-U	34.1	-32.7	0	44.2	-	-	74	-29.8	-	-	234	340	H
	*** 4.55994	29.54	ADV	34.1	-32.7	4.3	35.26	54	-18.74	-	-	-	-	234	340	H
3	*** 8.24579	37.96	PK-U	35.9	-29	0	44.86	-	-	74	-29.14	-	-	95	200	H
	*** 8.24558	25.17	ADV	35.9	-29	4.3	36.39	54	-17.61	-	-	-	-	95	200	H
6	*** 11.39912	38.66	PK-U	38.1	-26.2	0	50.56	-	-	74	-23.44	-	-	332	216	V
	*** 11.39961	25.04	ADV	38.1	-26.2	4.3	41.26	54	-12.74	-	-	-	-	332	216	V
7	*** 15.41077	37.22	PK-U	40.1	-26.3	0	51.02	-	-	74	-22.98	-	-	4	208	V
	*** 15.40973	23.64	ADV	40.1	-26.3	4.3	41.76	54	-12.24	-	-	-	-	4	208	V
4	2.4441	46.35	PK-U	32.1	-34	0	44.45	-	-	-	-	68.2	-23.75	236	117	V
5	5.53347	43.38	PK-U	34.4	-23.1	0	54.68	-	-	-	-	68.2	-13.52	39	299	V
2	5.61361	46.16	PK-U	34.6	-23.1	0	57.66	-	-	-	-	68.2	-10.54	252	199	H

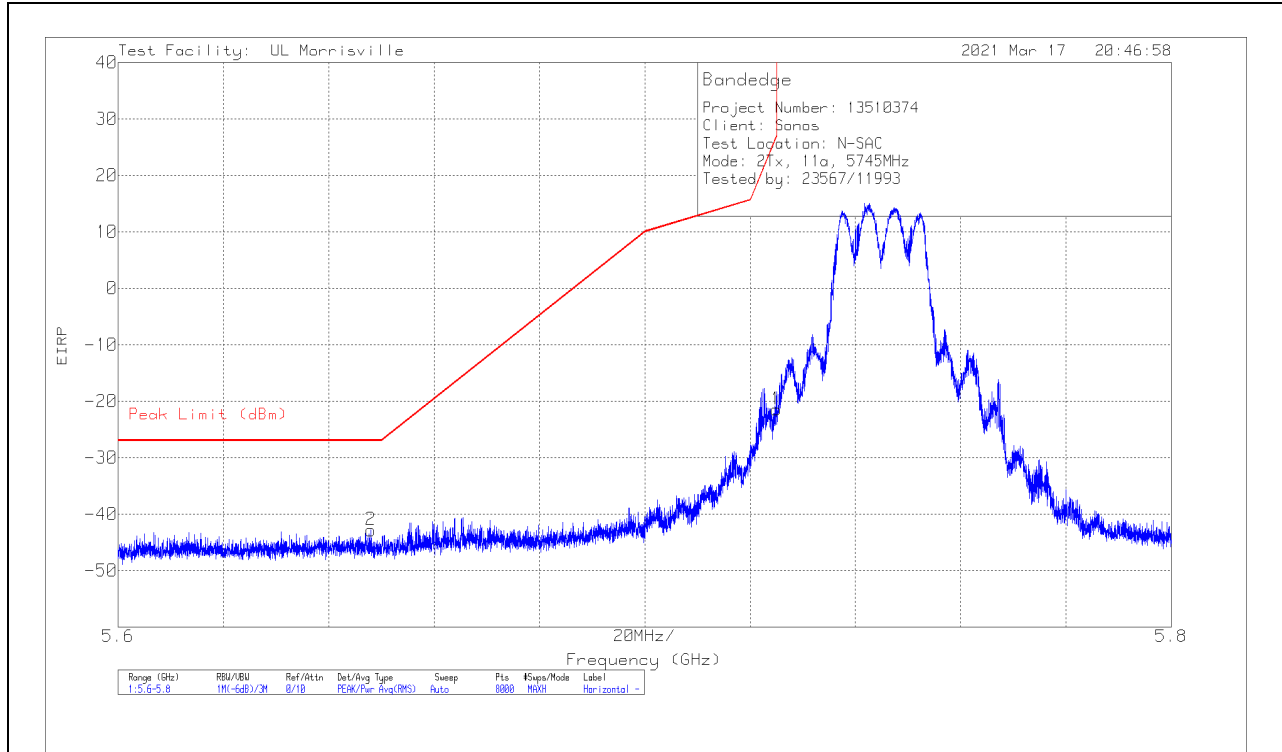
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 PK-U - Maximum Peak  
 ADV - Linear Voltage Average

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

#### 2TX Chain 0 + Chain 1 CDD MODE

#### BANDEDGE (LOW CHANNEL)

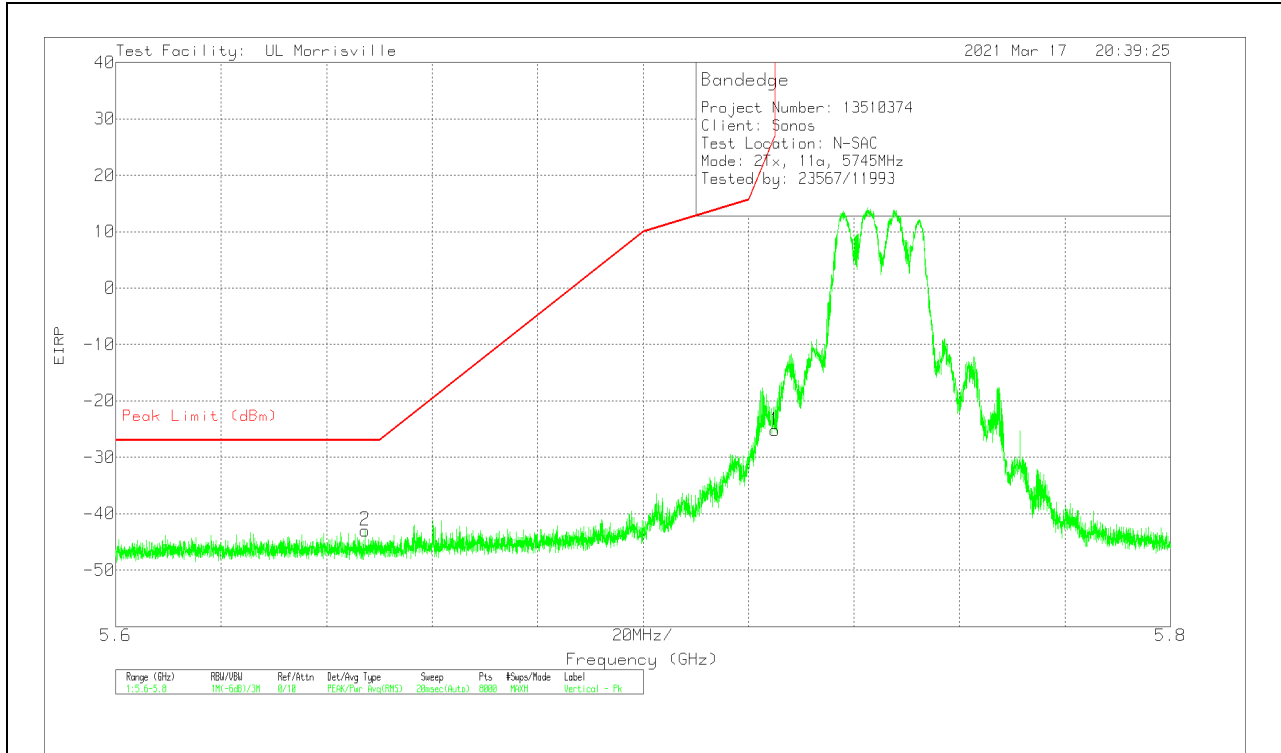
#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64803	-66.24	Pk	34.6	-23	11.8	-42.84	-27	-15.84	350	226	H
1	5.72499	-44.99	Pk	34.6	-22.9	11.8	-21.49	26.98	-48.47	350	226	H

Pk - Peak detector

### VERTICAL RESULT

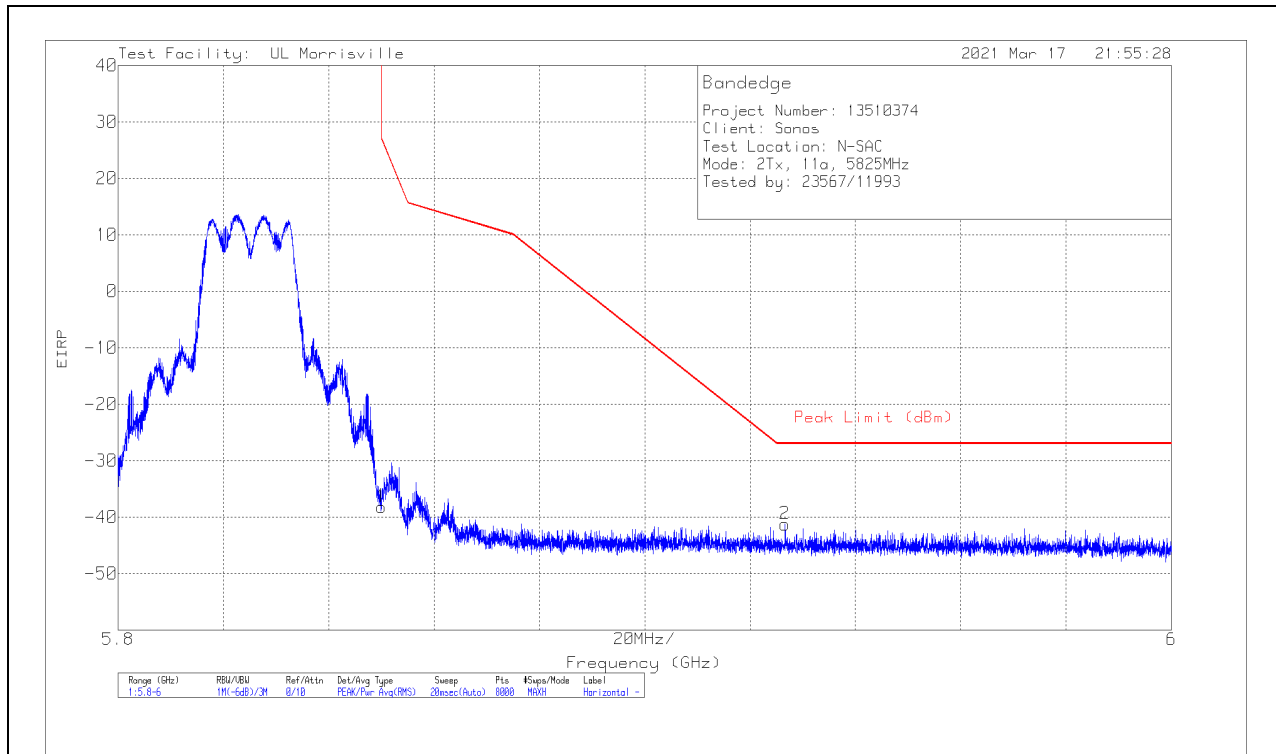


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.64731	-66.33	Pk	34.6	-23	11.8	-42.93	-27	-15.93	219	267	V
1	5.72499	-48.69	Pk	34.6	-22.9	11.8	-25.19	26.98	-52.17	219	267	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

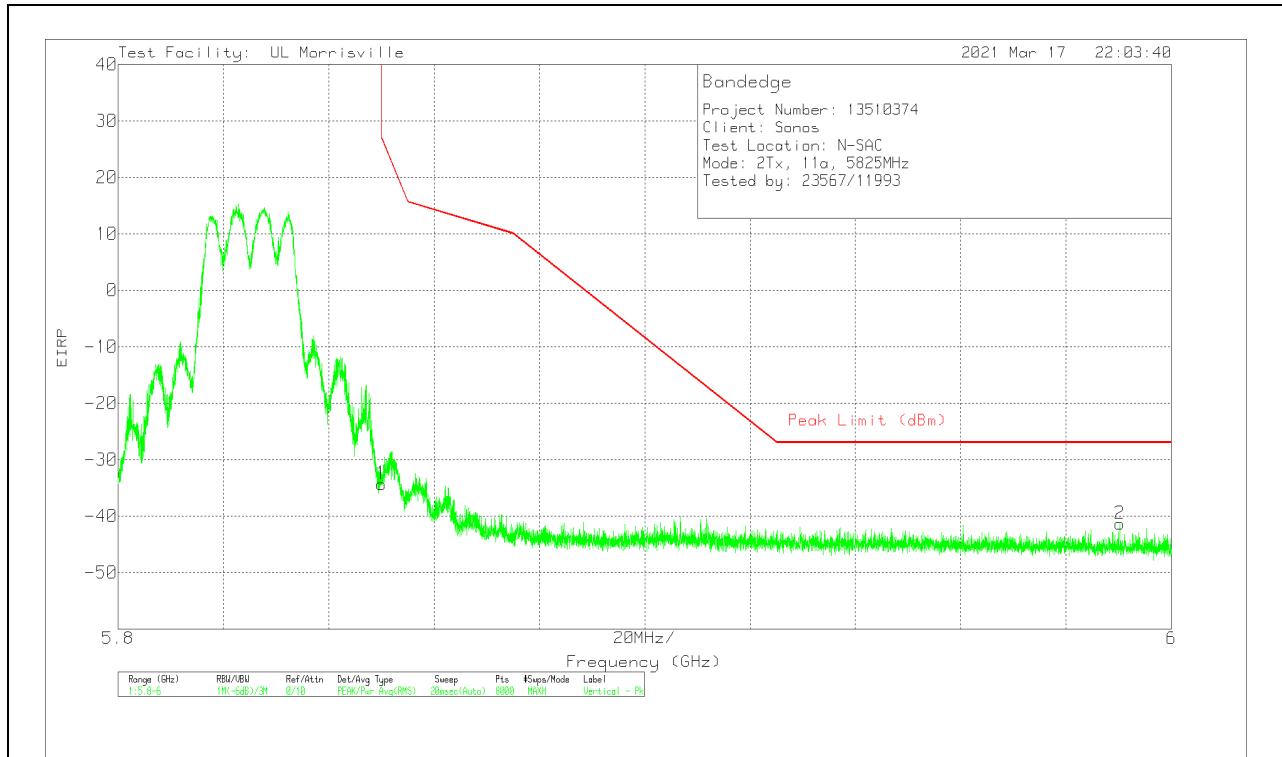


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-62.4	Pk	34.8	-22.4	11.8	-38.2	26.99	-65.19	53	128	H
2	5.92659	-65.96	Pk	35	-22.1	11.8	-41.26	-27	-14.26	53	128	H

Pk - Peak detector



### VERTICAL RESULT

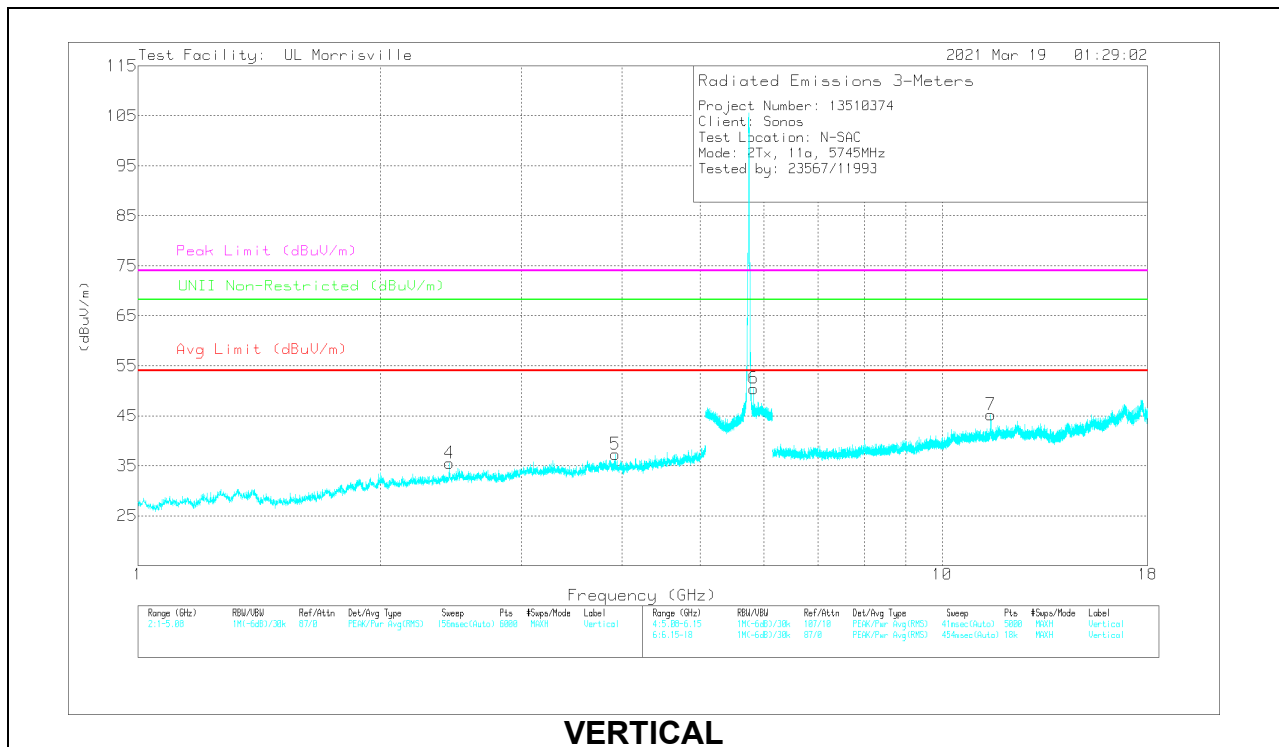
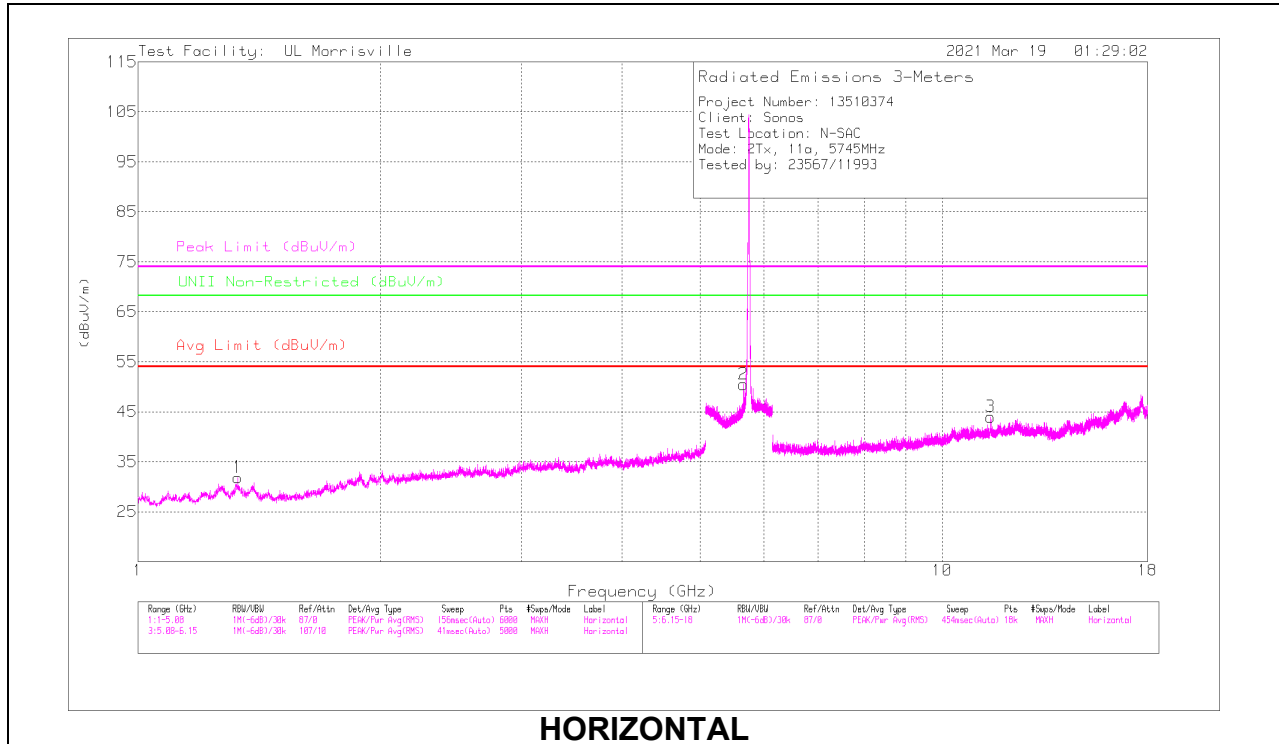


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-58.53	Pk	34.8	-22.4	11.8	-34.33	26.99	-61.32	68	244	V
2	5.99025	-66.25	Pk	35.1	-22	11.8	-41.35	-27	-14.35	68	244	V

Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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	* ** 1.32931	44.33	PK-U	29.2	-36.1	0	37.43	-	-	74	-36.57	-	-	33	323	H
	* ** 1.33009	31.21	ADV	29.1	-36.1	5.41	29.62	54	-24.38	-	-	-	-	33	323	H
5	* ** 3.9256	41.7	PK-U	33.5	-32.6	0	42.6	-	-	74	-31.4	-	-	46	112	V
	* ** 3.92555	28.81	ADV	33.5	-32.6	5.41	35.12	54	-18.88	-	-	-	-	46	112	V
3	* ** 11.48861	38.51	PK-U	38.1	-25.5	0	51.11	-	-	74	-22.89	-	-	238	109	H
	* ** 11.48726	24.78	ADV	38.1	-25.5	5.41	42.79	54	-11.21	-	-	-	-	238	109	H
7	* ** 11.49091	40.24	PK-U	38.2	-25.5	0	52.94	-	-	74	-21.06	-	-	152	377	V
	* ** 11.49089	25.37	ADV	38.2	-25.5	5.41	43.48	54	-10.52	-	-	-	-	152	377	V
4	2.43952	44.37	PK-U	32.1	-34	0	42.47	-	-	-	-	68.2	-25.73	41	286	V
2	5.66031	44.89	PK-U	34.7	-23.1	0	56.49	-	-	-	-	68.2	-11.71	295	240	H
6	5.82428	43.48	PK-U	34.9	-22.6	0	55.78	-	-	-	-	68.2	-12.42	62	323	V

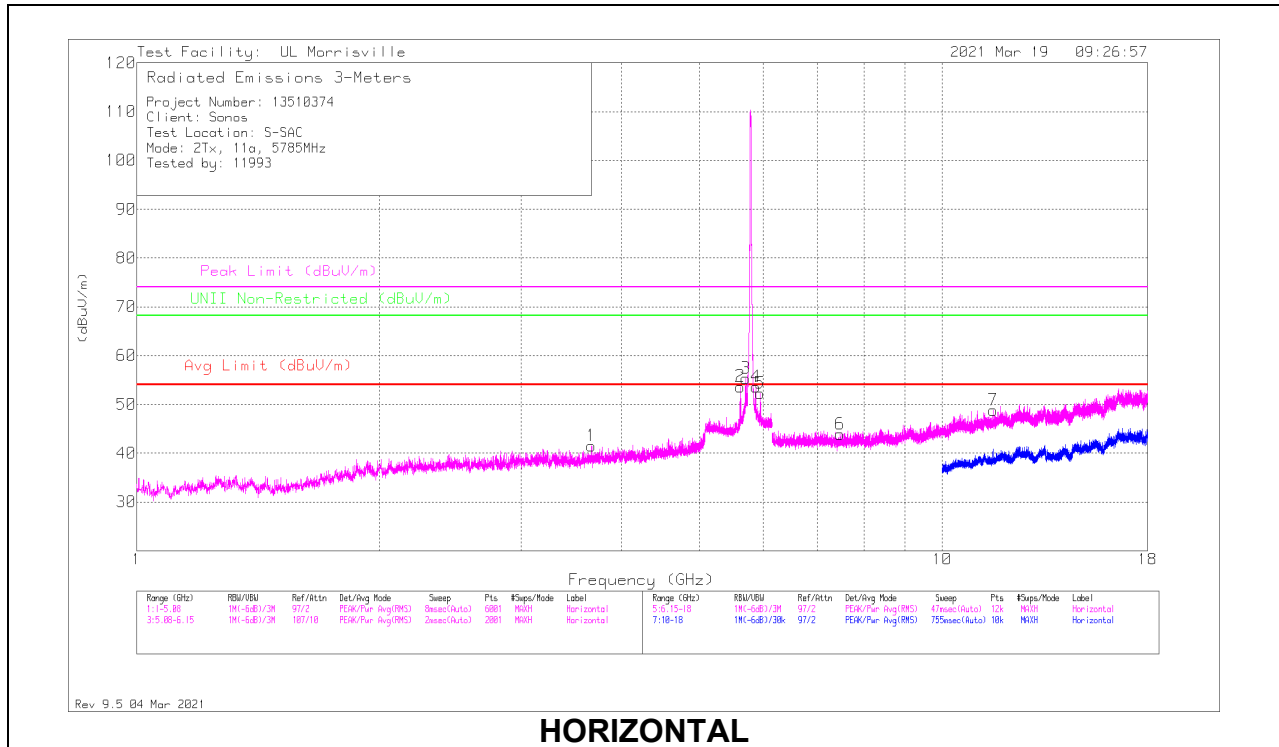
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

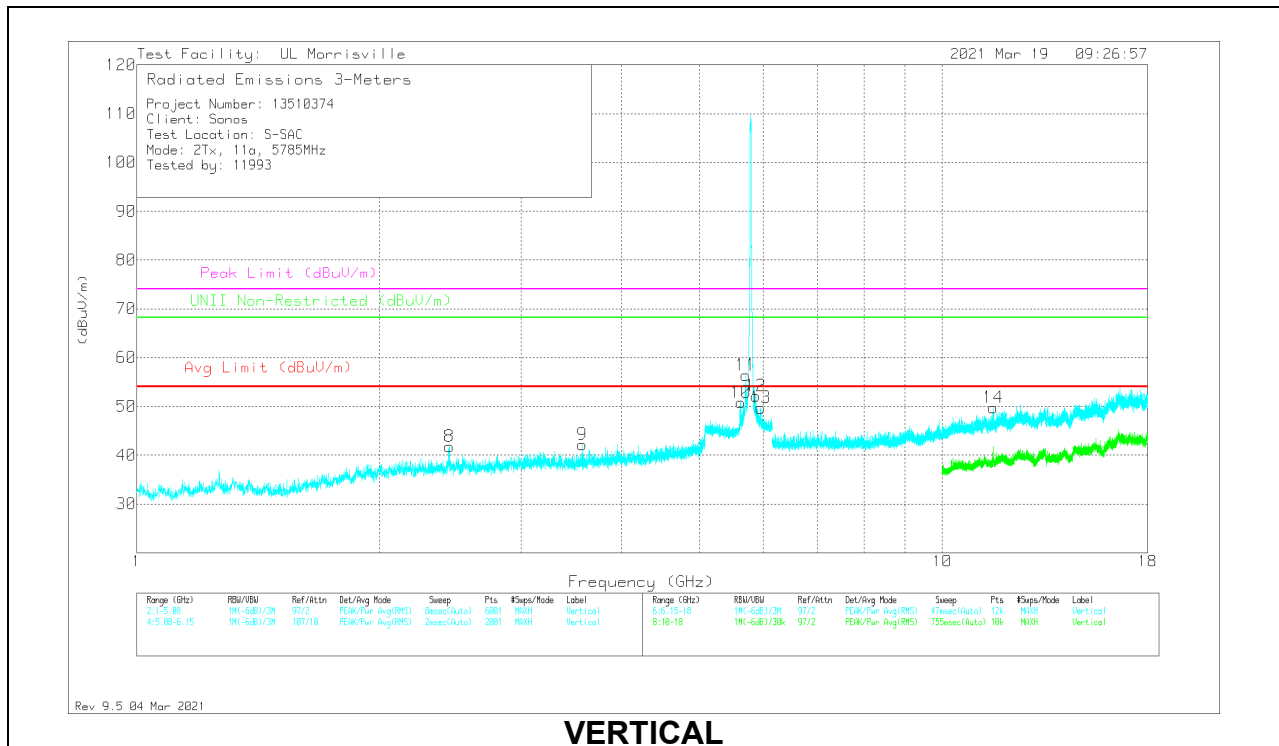
PK-U - Maximum Peak

ADV - Linear Voltage Average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/fltr/Pad (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	* ** 3.67172	40.55	Pk	33.1	-32.2	0	41.45	54	-12.55	74	-32.55	-	-	0-360	101	H
9	* ** 3.57584	42.05	Pk	32.9	-32.8	0	42.15	54	-11.85	74	-31.85	-	-	0-360	200	V
6	* ** 7.46634	36.15	Pk	35.6	-27.8	0	43.95	54	-10.05	74	-30.05	-	-	0-360	200	H
7	* ** 11.56848	39.02	PK-U	38.3	-24.8	0	52.52	-	-	74	-21.48	-	-	228	198	H
	* ** 11.56976	25.43	ADV	38.3	-24.8	5.41	44.34	54	-9.66	-	-	-	-	228	198	H
14	* ** 11.57166	39.99	PK-U	38.3	-24.8	0	53.49	-	-	74	-20.51	-	-	239	144	V
	* ** 11.57155	25.16	ADV	38.3	-24.8	5.41	44.07	54	-9.93	-	-	-	-	239	144	V
8	2.44432	43.34	Pk	32.5	-34.1	0	41.74	-	-	-	-	68.2	-26.46	0-360	200	V
2	5.61458	44.29	PK-U	34.4	-23.3	0	55.39	-	-	-	-	68.2	-12.81	64	293	H
10	5.62725	44.42	PK-U	34.5	-23.3	0	55.62	-	-	-	-	68.2	-12.58	135	311	V
11	5.70369	46.19	PK-U	34.5	-23.5	0	57.19	-	-	-	-	68.2	-11.01	295	204	V
3	5.70843	46.86	PK-U	34.6	-23.5	0	57.96	-	-	-	-	68.2	-10.24	128	117	H
12	5.87248	44.2	PK-U	34.9	-23	0	56.1	-	-	-	-	68.2	-12.1	292	202	V
4	5.87481	43.96	PK-U	34.9	-23.1	0	55.76	-	-	-	-	68.2	-12.44	85	216	H
5	5.94866	42.8	PK-U	35.1	-22.9	0	55	-	-	-	-	68.2	-13.2	308	119	H
13	5.9527	43.34	PK-U	35.1	-22.8	0	55.64	-	-	-	-	68.2	-12.56	32	169	V

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

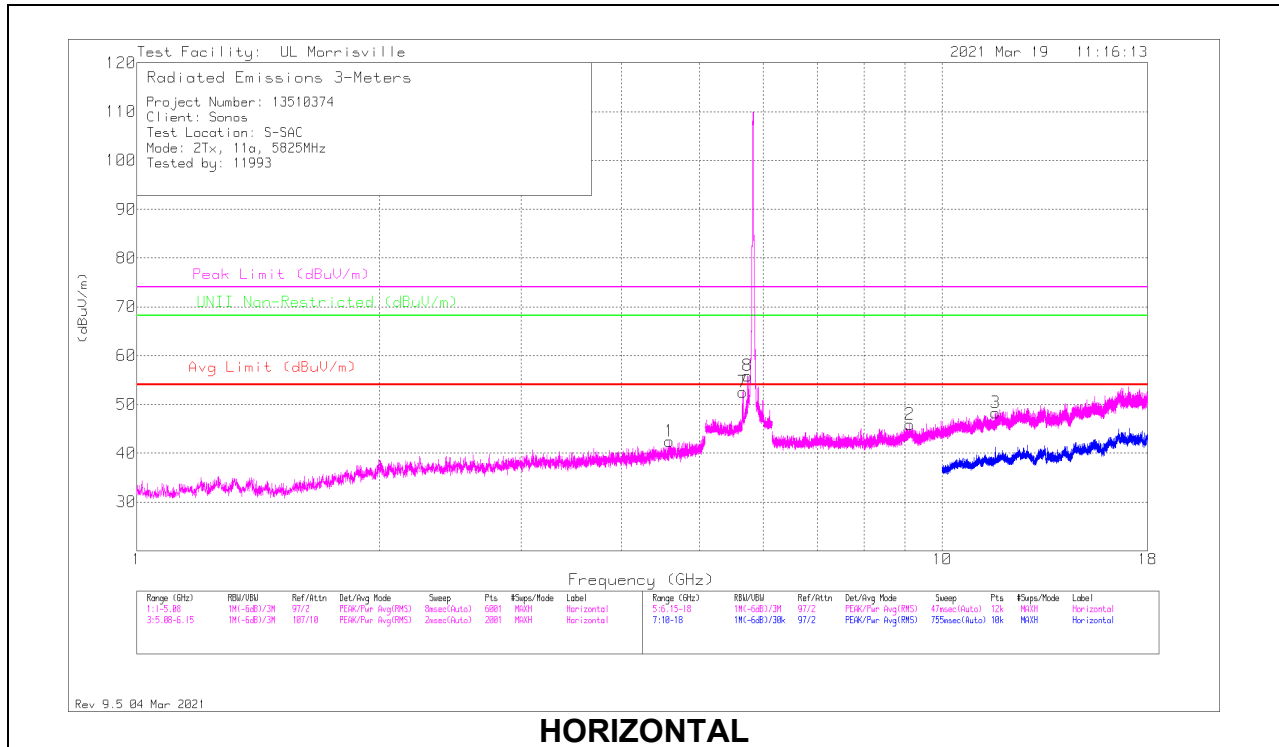
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

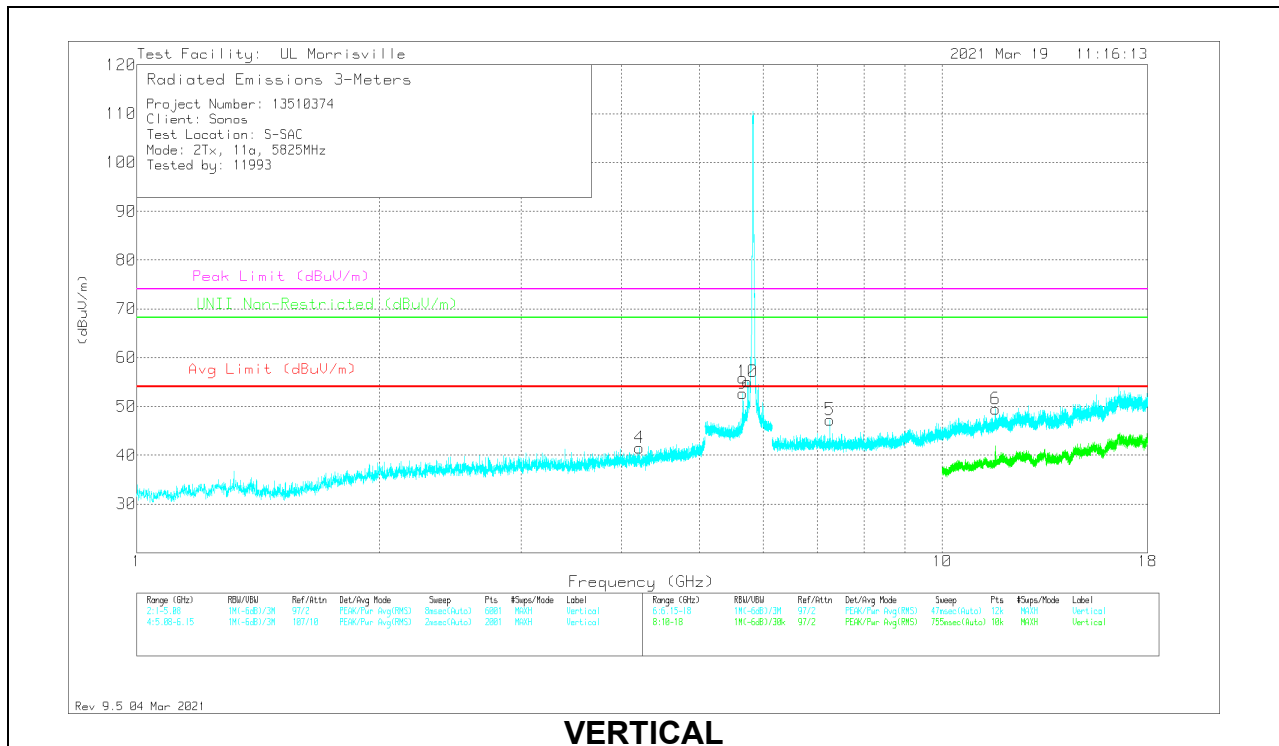
PK-U - Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/filtr/Pad (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	*** 4.58428	39.7	Pk	34	-31.3	0	42.4	54	-11.6	74	-31.6	-	-	0-360	200	H
4	*** 4.21028	39.94	Pk	33.4	-31.8	0	41.54	54	-12.46	74	-32.46	-	-	0-360	200	V
2	*** 9.1204	36.24	Pk	36.3	-26.6	0	45.94	54	-8.06	74	-28.06	-	-	0-360	199	H
3	*** 11.65383	35.99	PK-U	38.4	-24.8	0	49.59	-	-	74	-24.41	-	-	270	391	H
	*** 11.65587	23.32	ADV	38.4	-24.8	5.41	42.33	54	-11.67	-	-	-	-	270	391	H
5	*** 7.25205	39.28	Pk	35.6	-27.6	0	47.28	54	-6.72	74	-26.72	-	-	0-360	199	V
6	*** 11.65135	38.4	PK-U	38.4	-24.8	0	52	-	-	74	-22	-	-	316	146	V
	*** 11.65201	24.88	ADV	38.4	-24.7	5.41	43.99	54	-10.01	-	-	-	-	316	146	V
9	5.65475	43.82	PK-U	34.5	-23.3	0	55.02	-	-	-	-	68.2	-13.18	129	322	V
7	5.66231	44.68	PK-U	34.5	-23.5	0	55.68	-	-	-	-	68.2	-12.52	131	110	H
8	5.73658	46.65	PK-U	34.6	-23.5	0	57.75	-	-	-	-	68.2	-10.45	3	193	H
10	5.73673	46.46	PK-U	34.6	-23.5	0	57.56	-	-	-	-	68.2	-10.64	135	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

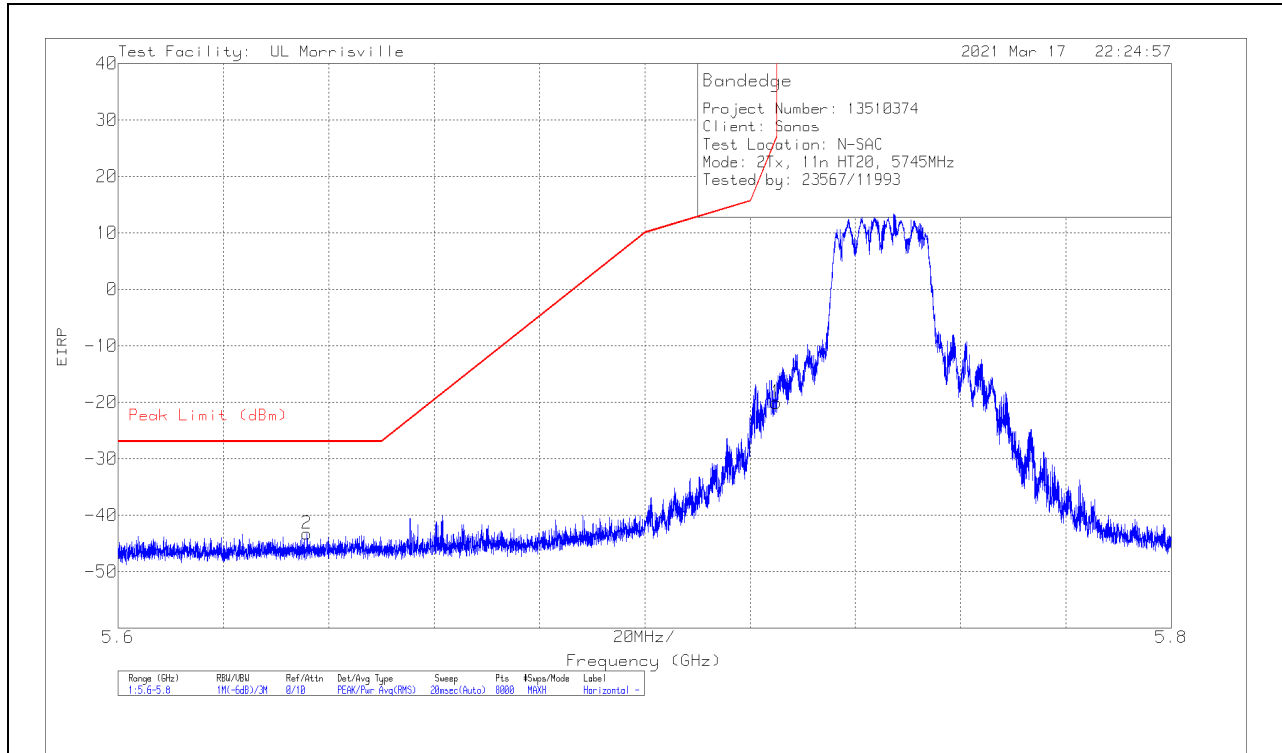
ADV - Linear Voltage Average

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

#### 2TX Chain 0 + Chain 1 CDD MODE

#### BANDEDGE (LOW CHANNEL)

#### HORIZONTAL RESULT

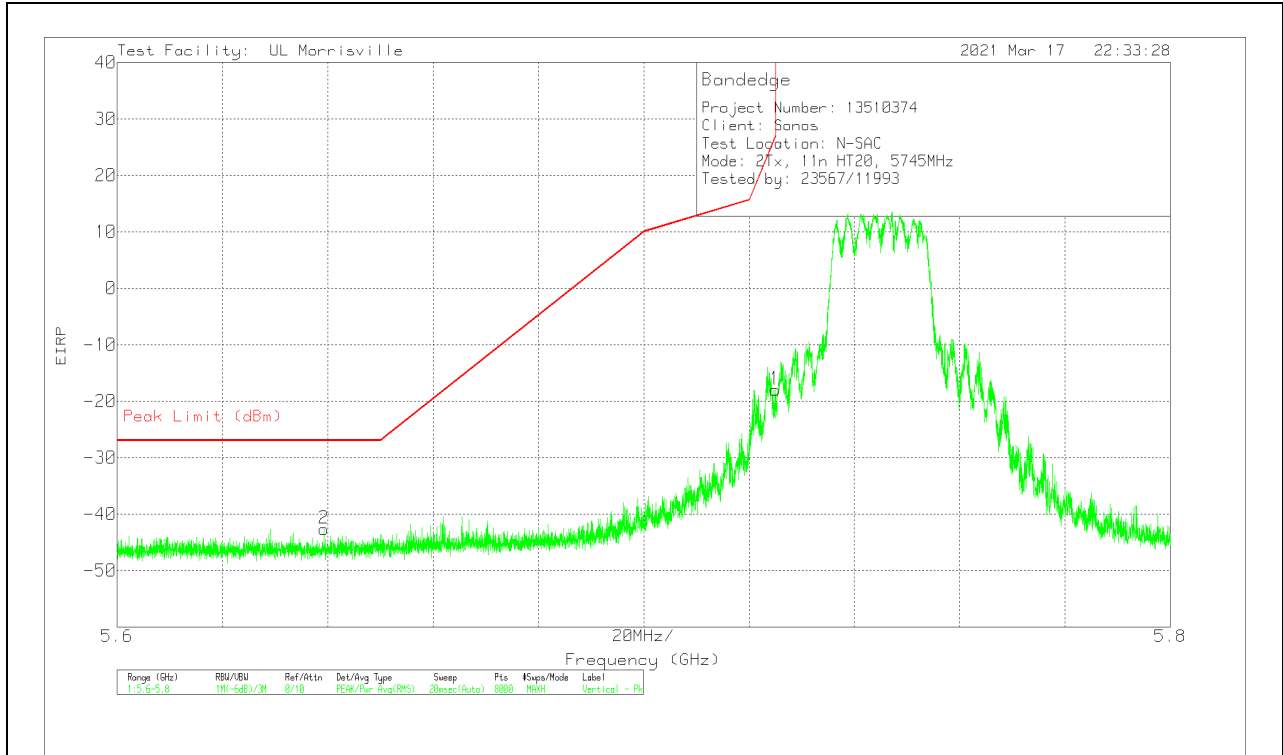


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63583	-66.49	Pk	34.5	-23.1	11.8	-43.29	-27	-16.29	349	236	H
1	5.72499	-43.55	Pk	34.6	-22.9	11.8	-20.05	26.98	-47.03	349	236	H

Pk - Peak detector



### VERTICAL RESULT

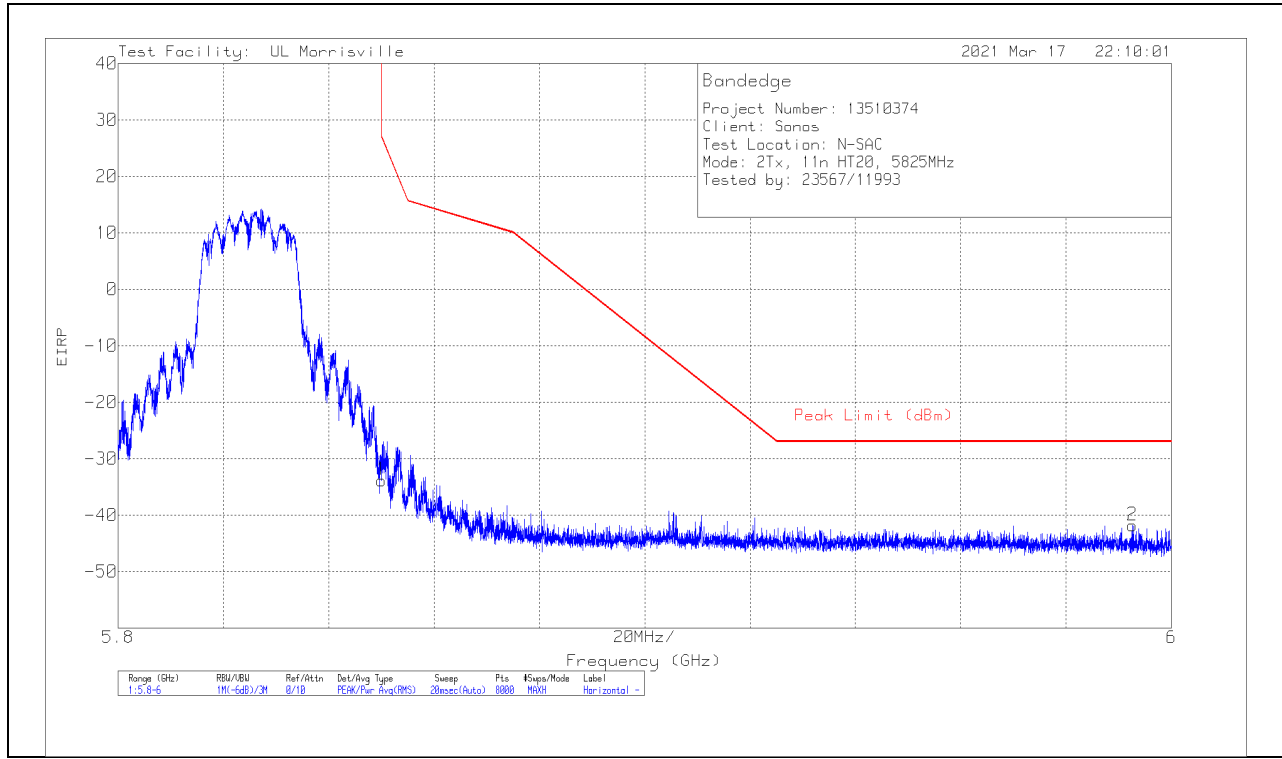


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63925	-66.02	Pk	34.6	-23	11.8	-42.62	-27	-15.62	215	337	V
1	5.72499	-41.45	Pk	34.6	-22.9	11.8	-17.95	26.98	-44.93	215	337	V

Pk - Peak detector

**BANDEDGE (HIGH CHANNEL)**

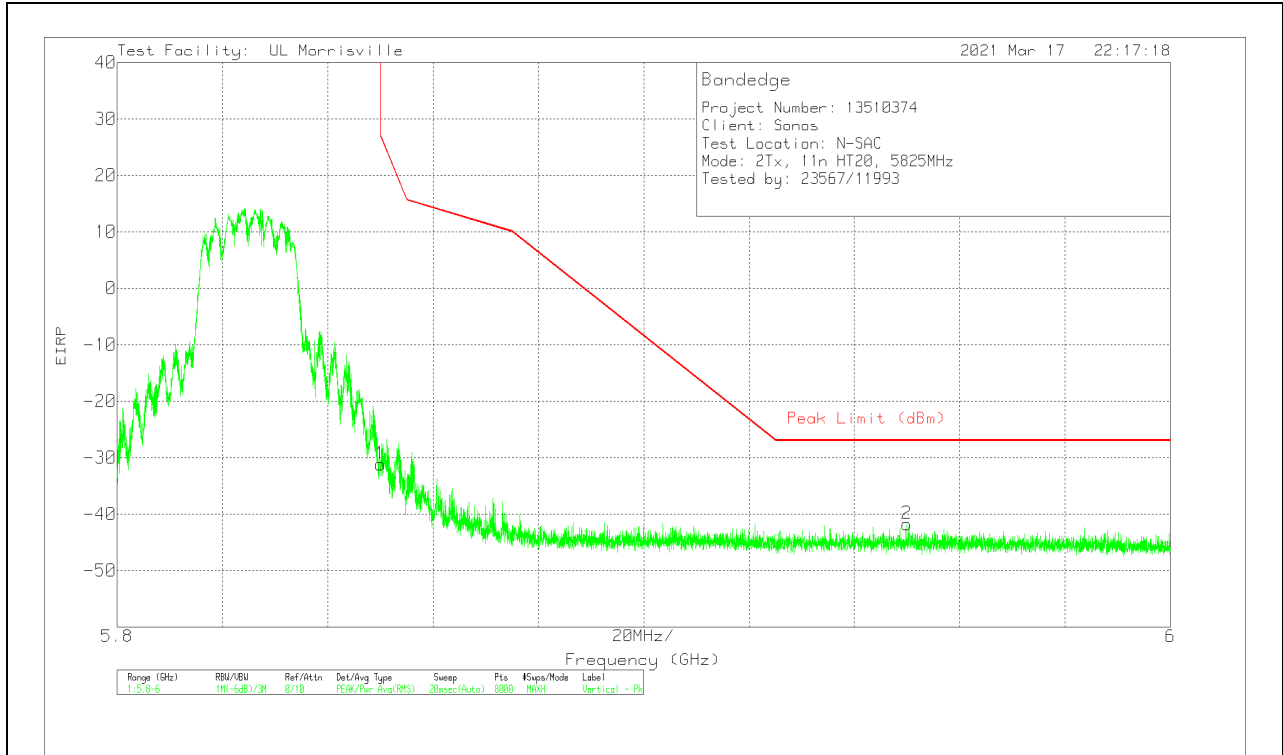
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-58.02	Pk	34.8	-22.4	11.8	-33.82	26.99	-60.81	353	294	H
2	5.99257	-66.69	Pk	35.1	-22	11.8	-41.79	-27	-14.79	353	294	H

Pk - Peak detector

### VERTICAL RESULT

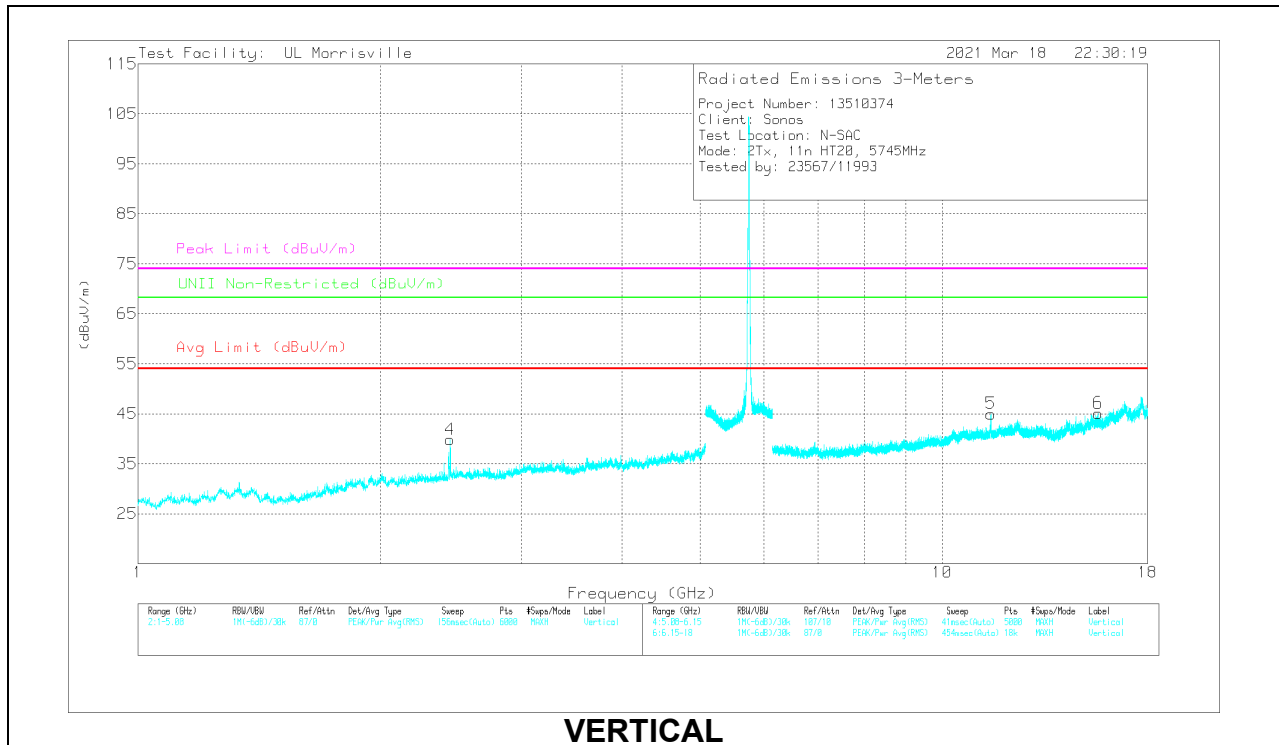
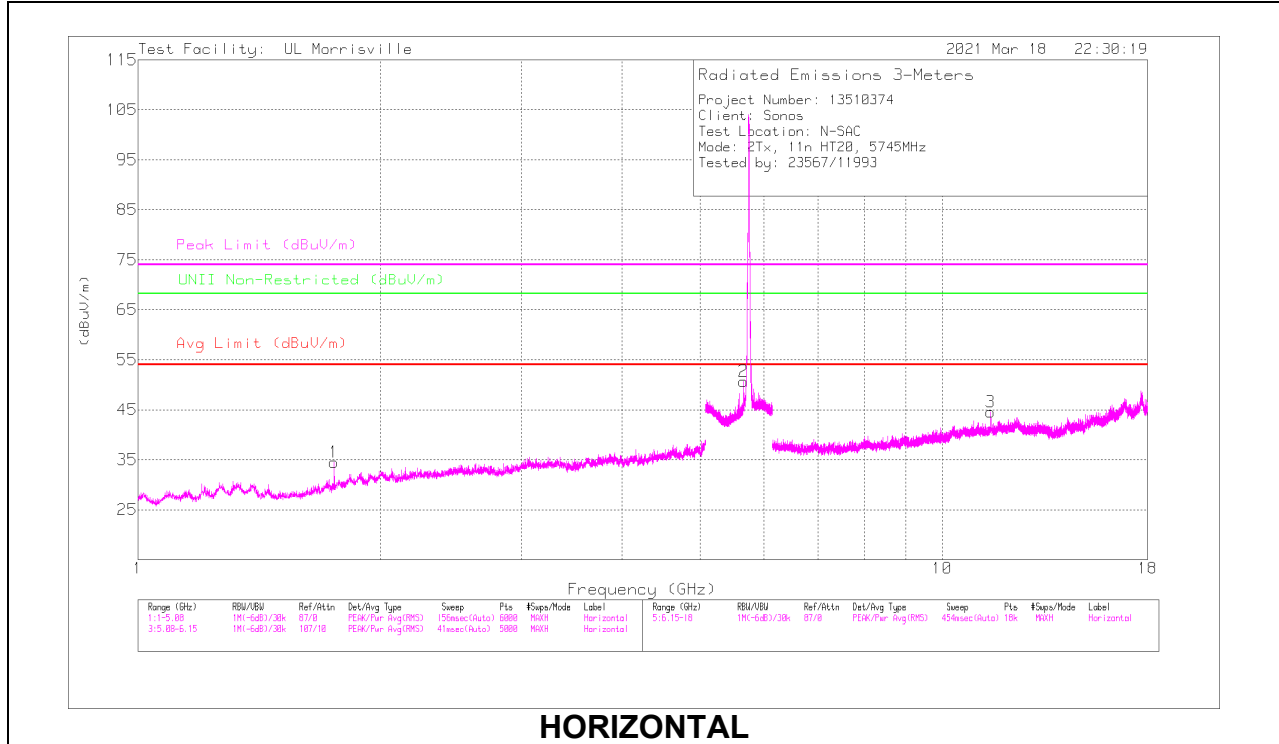


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-55.35	Pk	34.8	-22.4	11.8	-31.15	26.99	-58.14	215	321	V
2	5.94994	-66.56	Pk	35	-22	11.8	-41.76	-27	-14.76	215	321	V

Pk - Peak detector

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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	** 1.75281	47.69	PK-U	29.6	-35.5	0	41.79	-	-	74	-32.21	68.2	-26.41	76	237	H
	** 1.75193	29.79	ADV	29.7	-35.5	4.31	28.3	54	-25.7	-	-	-	-	76	237	H
3	*** 11.49071	40.48	PK-U	38.2	-25.5	0	53.18	-	-	74	-20.82	-	-	47	145	H
	*** 11.48972	25.28	ADV	38.1	-25.5	4.31	42.19	54	-11.81	-	-	-	-	47	145	H
5	*** 11.49595	41.89	PK-U	38.1	-25.4	0	54.59	-	-	74	-19.41	-	-	166	324	V
	*** 11.49607	26.27	ADV	38.1	-25.4	4.31	43.28	54	-10.72	-	-	-	-	166	324	V
6	*** 15.63256	36.98	PK-U	40.1	-26.7	0	50.38	-	-	74	-23.62	-	-	95	379	V
	*** 15.63348	24.1	ADV	40.1	-26.7	4.31	41.81	54	-12.19	-	-	-	-	95	379	V
4	2.4447	47.04	PK-U	32.1	-34	0	45.14	-	-	-	-	68.2	-23.06	154	202	V
2	5.66132	44.85	PK-U	34.7	-23.1	0	56.45	-	-	-	-	68.2	-11.75	353	228	H

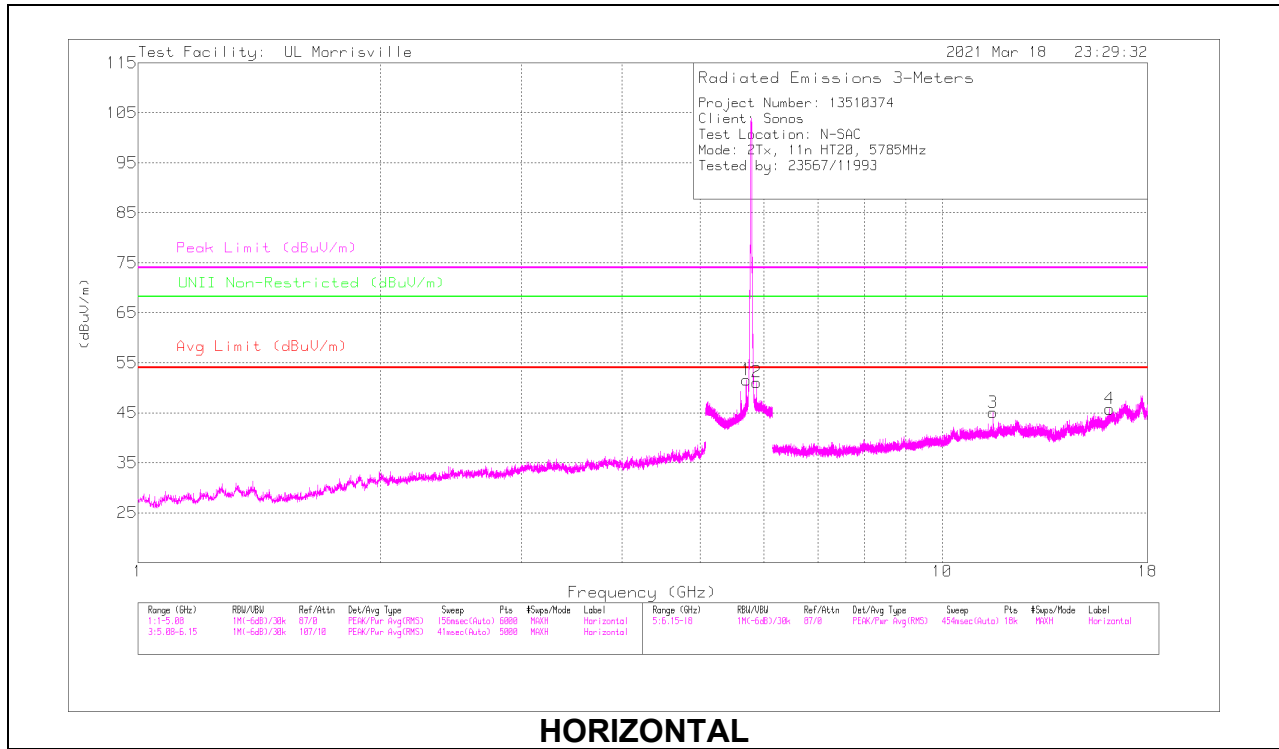
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

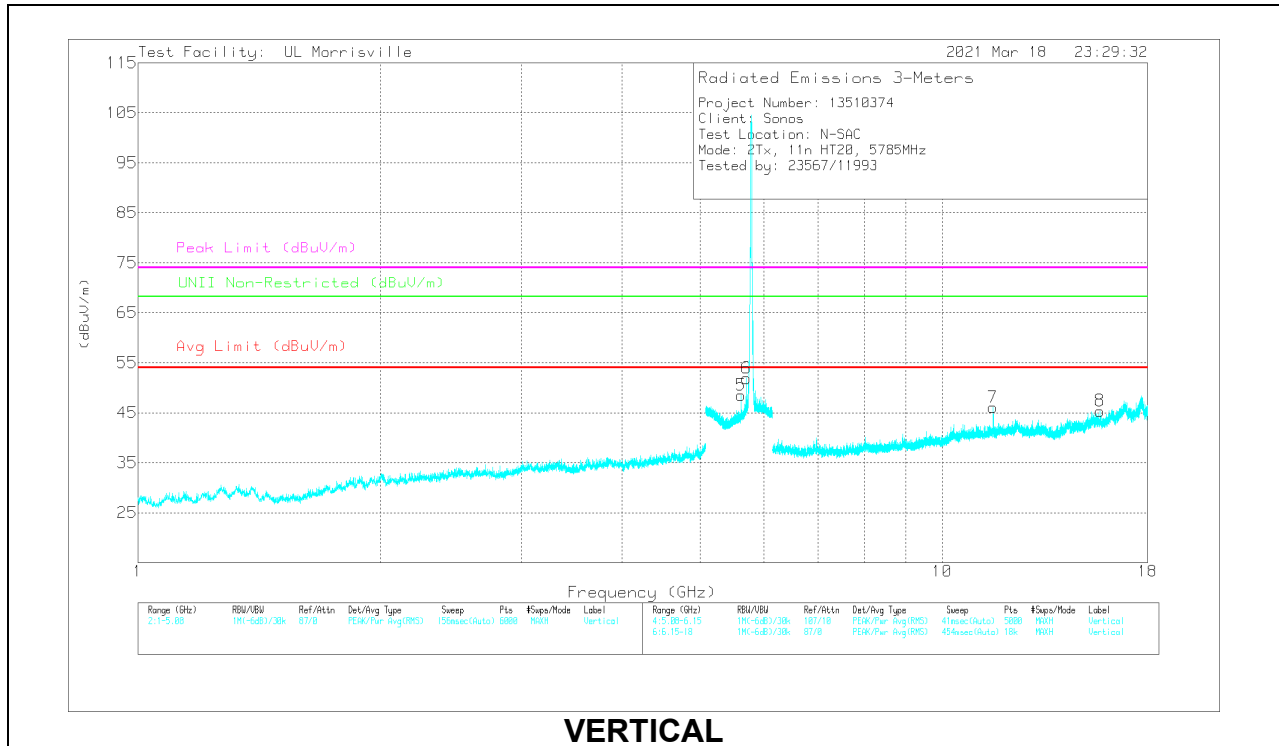
PK-U - Maximum Peak

ADV - Linear Voltage Average

### MID CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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
3	* ** 11.56492	40.18	PK-U	38.2	-26.4	0	51.98	-	-	74	-22.02	-	-	57	214	H
	* ** 11.56444	24.96	ADV	38.2	-26.4	4.31	41.07	54	-12.93	-	-	-	-	57	214	H
4	* ** 16.14209	37.1	PK-U	40.7	-26.3	0	51.5	-	-	74	-22.5	-	-	104	148	H
	* ** 16.14152	24.07	ADV	40.7	-26.3	4.31	42.78	54	-11.22	-	-	-	-	104	148	H
7	* ** 11.5696	40.91	PK-U	38.2	-26.4	0	52.71	-	-	74	-21.29	-	-	168	341	V
	* ** 11.56961	27.43	ADV	38.2	-26.4	4.31	43.54	54	-10.46	-	-	-	-	168	341	V
8	* ** 15.69927	37.54	PK-U	40.2	-26.4	0	51.34	-	-	74	-22.66	-	-	187	160	V
	* ** 15.69892	24.05	ADV	40.2	-26.4	4.31	42.16	54	-11.84	-	-	-	-	187	160	V
5	5.61839	45.49	PK-U	34.5	-23.1	0	56.89	-	-	-	-	68.2	-11.31	48	187	V
6	5.70593	45.78	PK-U	34.6	-23	0	57.38	-	-	-	-	68.2	-10.82	60	200	V
1	5.70615	45.53	PK-U	34.6	-23	0	57.13	-	-	-	-	68.2	-11.07	55	144	H
2	5.87505	44.44	PK-U	34.9	-22.3	0	57.04	-	-	-	-	68.2	-11.16	21	187	H

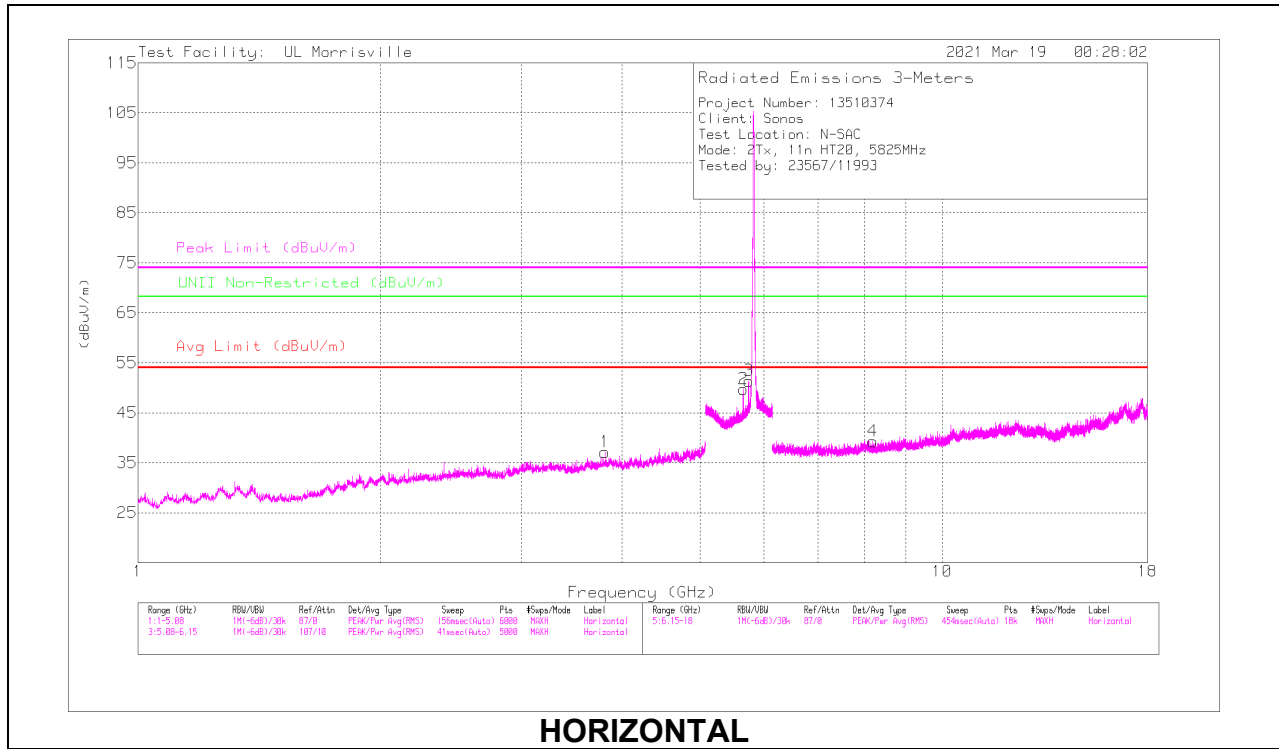
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

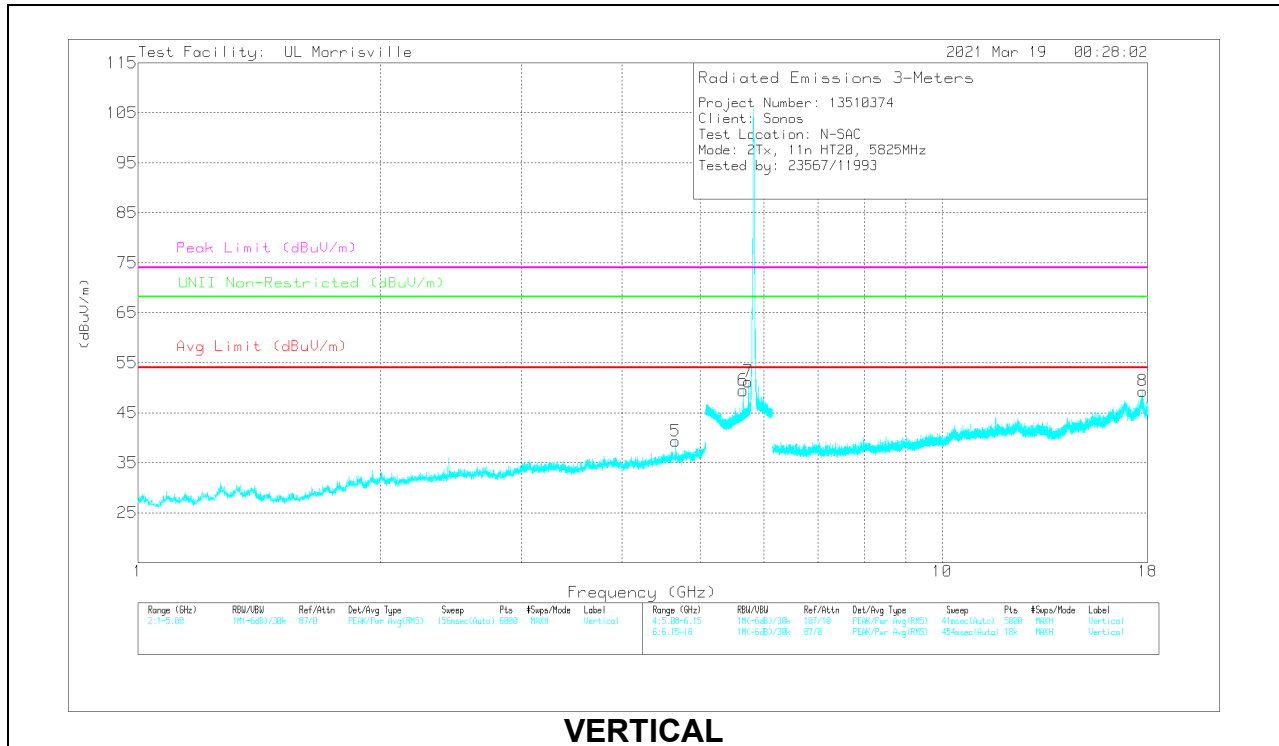
PK-U - Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL RESULTS



**HORIZONTAL**



**VERTICAL**



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (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	*** 3.8055	41.83	PK-U	33.5	-32.7	0	42.63	-	-	74	-31.37	-	-	44	101	H
	*** 3.80725	28.99	ADV	33.5	-32.7	4.31	34.1	54	-19.9	-	-	-	-	44	101	H
5	*** 4.6599	42.52	PK-U	34.2	-31.3	0	45.42	-	-	74	-28.58	-	-	247	230	V
	*** 4.65994	30.97	ADV	34.2	-31.3	4.31	38.18	54	-15.82	-	-	-	-	247	230	V
4	*** 8.20046	38.84	PK-U	35.9	-29.6	0	45.14	-	-	74	-28.86	-	-	210	247	H
	*** 8.20017	25.78	ADV	35.9	-29.6	4.31	36.39	54	-17.61	-	-	-	-	210	247	H
8	*** 17.75141	34.35	PK-U	41.6	-21.6	0	54.35	-	-	74	-19.65	-	-	133	252	V
	*** 17.751	21.04	ADV	41.6	-21.6	4.31	45.35	54	-8.65	-	-	-	-	133	252	V
6	5.656	44.06	PK-U	34.6	-23.1	0	55.56	-	-	-	-	68.2	-12.64	56	103	V
2	5.65964	46.35	PK-U	34.7	-23.1	0	57.95	-	-	-	-	68.2	-10.25	58	180	H
7	5.73548	44.07	PK-U	34.7	-22.9	0	55.87	-	-	-	-	68.2	-12.33	68	231	V
3	5.74284	47.44	PK-U	34.7	-22.9	0	59.24	-	-	-	-	68.2	-8.96	56	149	H

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

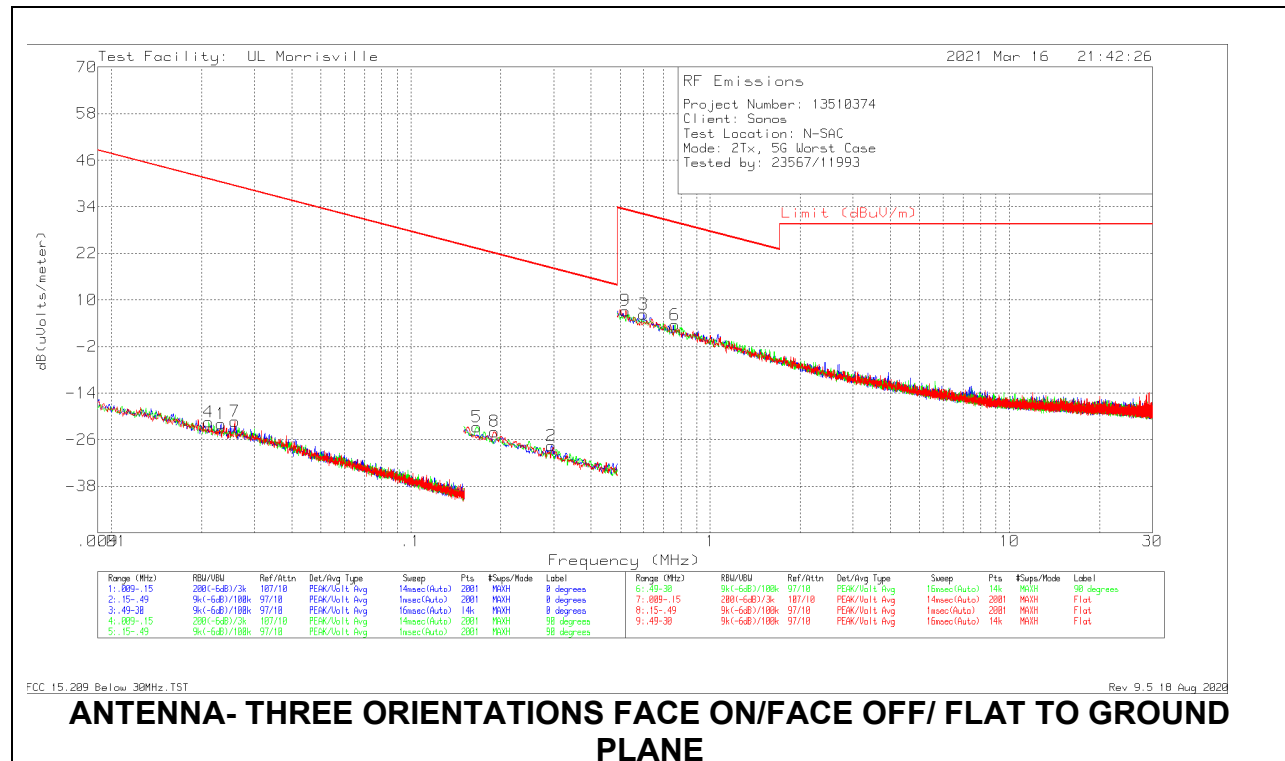
PK-U - Maximum Peak

ADV - Linear Voltage Average

## 10.2. WORST CASE BELOW 30MHZ

Note for below 30 MHz scans: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40\*Log (test distance / specification distance).

### E-FIELD SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

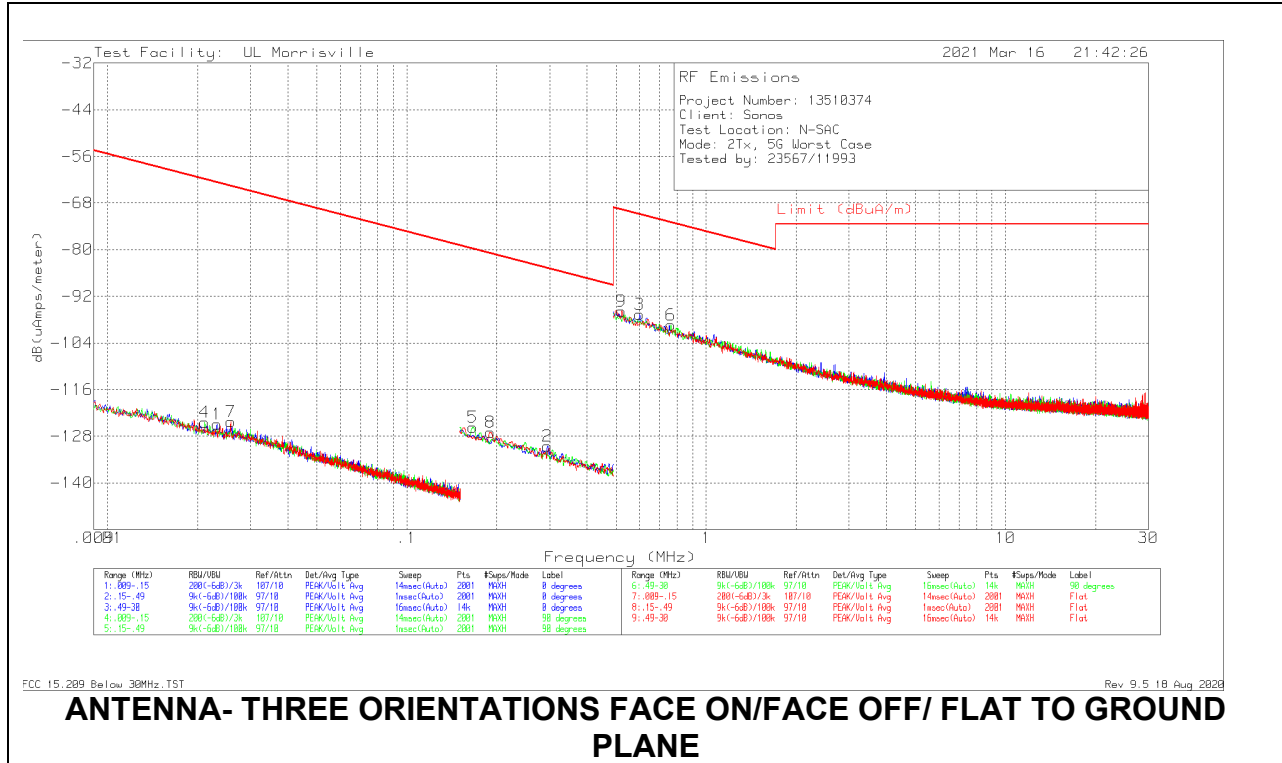


### Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uV/m)	FCC 15.209 QP/Avg Limit (dBuV/m)	FCC 15.209 Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Antenna Position
4	.02114	44.8	Pk	13.7	.1	-80	-21.4	41.1	61.1	-62.5	0-360	Face Off
1	.0232	44.38	Pk	13.6	.1	-80	-21.92	40.29	60.29	-62.21	0-360	Face On
7	.02583	45.16	Pk	13.5	.1	-80	-21.24	39.36	59.36	-60.6	0-360	Flat
5	.16598	46.39	Pk	10.8	.1	-80	-22.71	23.2	43.2	-45.91	0-360	Face Off
8	.19021	45.16	Pk	10.8	.1	-80	-23.94	22.02	42.02	-45.96	0-360	Flat
2	.29484	41.62	Pk	10.7	.1	-80	-27.58	18.21	38.21	-45.79	0-360	Face On
9	.52162	36.2	Pk	10.8	.2	-40	7.2	33.26	-	-26.06	0-360	Flat
3	.59962	35.33	Pk	10.8	.2	-40	6.33	32.05	-	-25.72	0-360	Face On
6	.76193	32.61	Pk	10.8	.2	-40	3.61	29.97	-	-26.36	0-360	Face Off

Pk - Peak detector

**H-FIELD SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)**

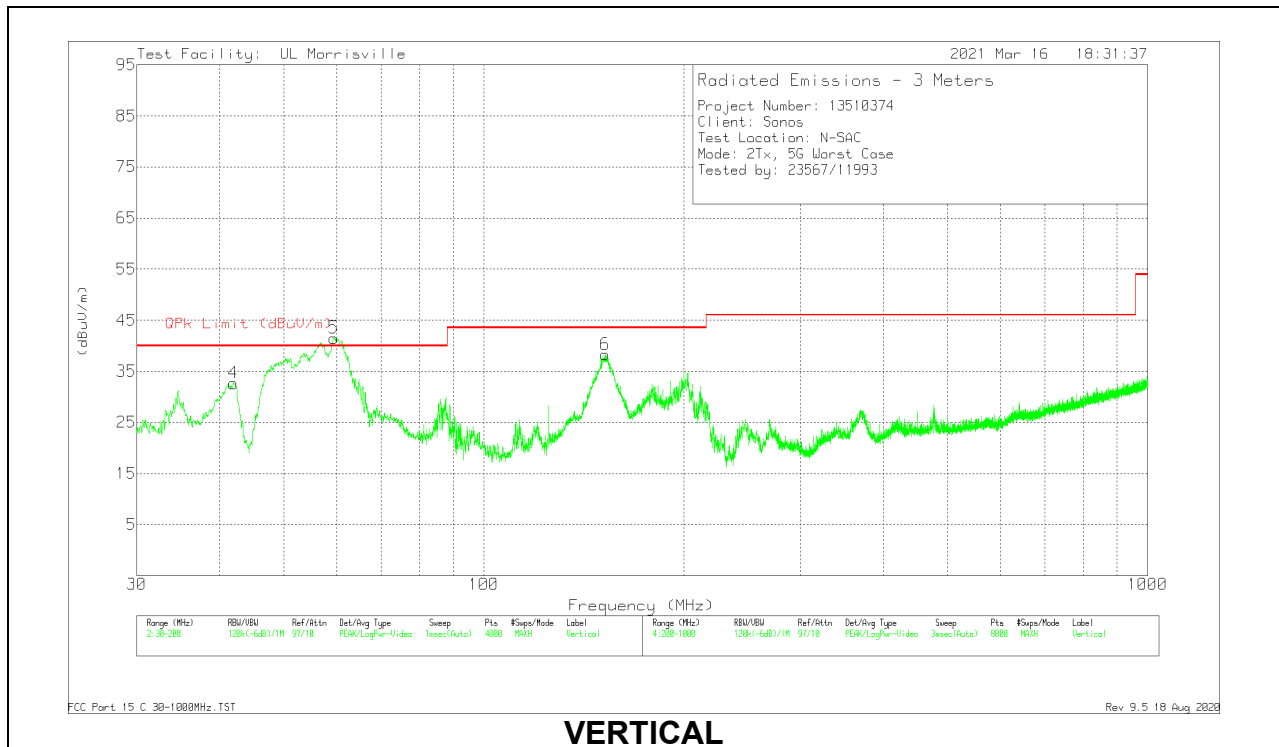
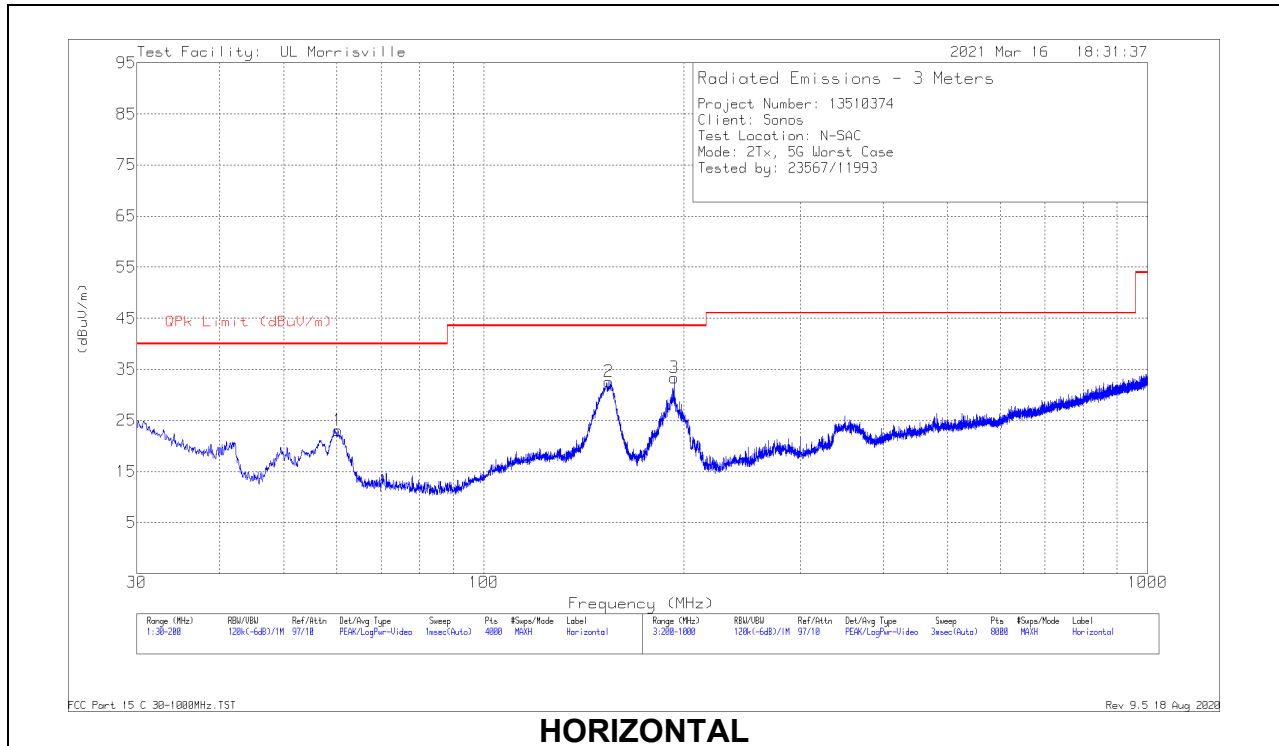


**Below 30MHz Data**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uA/m)	RSS GEN QP/Avg Limit (dBuA/m)	RSS GEN Pk Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Antenna Position
4	.02114	44.8	Pk	-37.8	.1	-80	-72.9	-10.4	9.6	-62.5	0-360	Face Off
1	.0232	44.38	Pk	-37.9	.1	-80	-73.42	-11.21	8.79	-62.21	0-360	Face On
7	.02583	45.16	Pk	-38	.1	-80	-72.74	-12.14	7.86	-60.6	0-360	Flat
5	.16598	46.39	Pk	-40.7	.1	-80	-74.21	-28.3	-8.3	-45.91	0-360	Face Off
8	.19021	45.16	Pk	-40.7	.1	-80	-75.44	-29.48	-9.48	-45.96	0-360	Flat
2	.29484	41.62	Pk	-40.8	.1	-80	-79.08	-33.29	-13.29	-45.79	0-360	Face On
9	.52162	36.2	Pk	-40.7	.2	-40	-44.3	-18.24	-	-26.06	0-360	Flat
3	.59962	35.33	Pk	-40.7	.2	-40	-45.17	-19.45	-	-25.72	0-360	Face On
6	.76193	32.61	Pk	-40.7	.2	-40	-47.89	-21.53	-	-26.36	0-360	Face Off

Pk - Peak detector

### 10.3. WORST CASE BELOW 1 GHZ



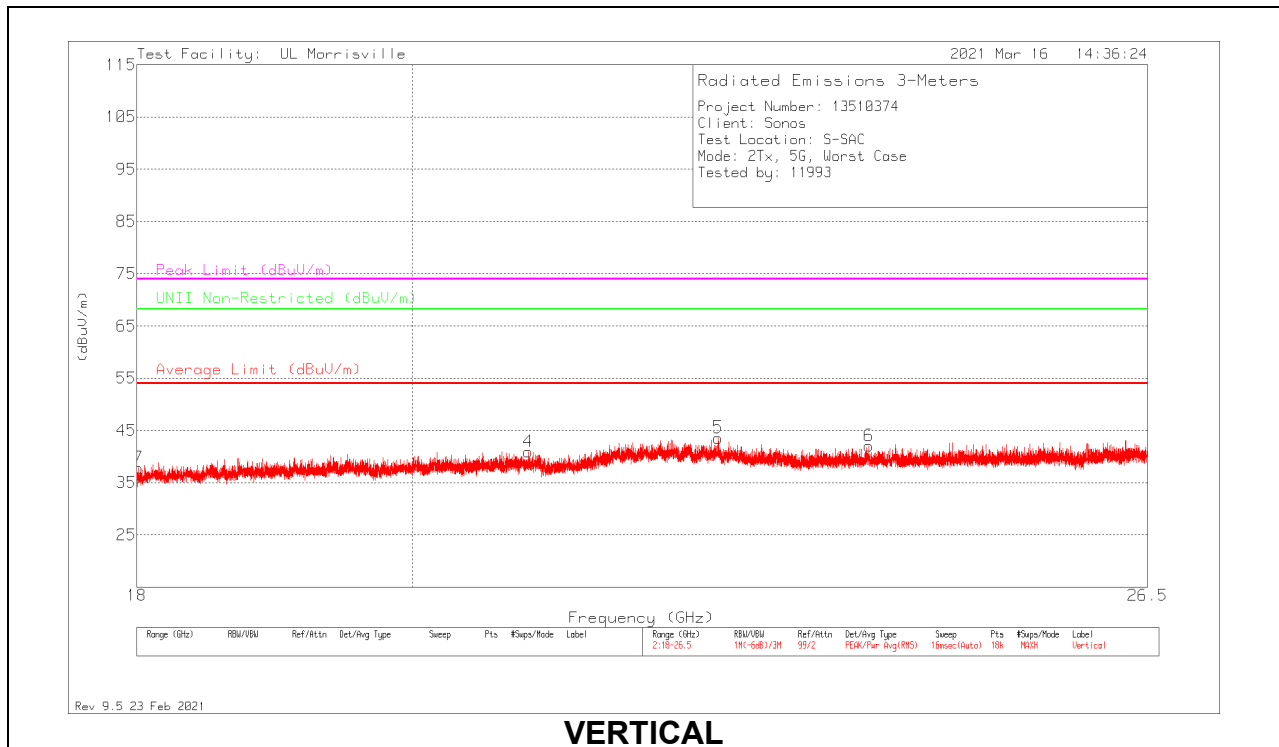
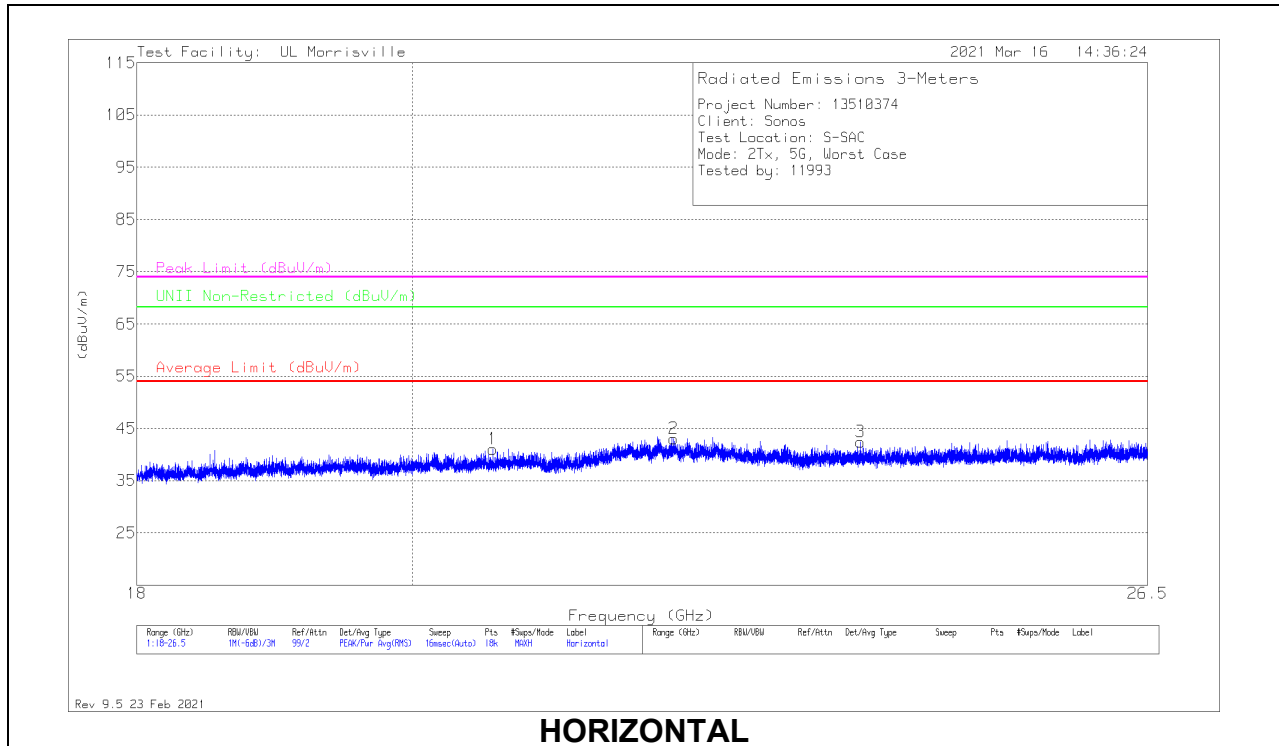
**Below 1GHz DATA**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0074 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	41.9669	45.65	Pk	18.2	-31.2	32.65	40	-7.35	0-360	100	V
5	59.3514	54.09	Qp	13.5	-31	36.59	40	-3.41	140	101	V
1	60.3103	40.44	Pk	13.5	-30.9	23.04	40	-16.96	0-360	300	H
6	152.2927	45.18	Qp	18.6	-29.9	33.88	43.52	-9.64	223	103	V
2	154.2171	43.94	Pk	18.6	-29.9	32.64	43.52	-10.88	0-360	199	H
3	193.5398	44.67	Pk	18.1	-29.4	33.37	43.52	-10.15	0-360	100	H

Pk - Peak detector

Qp- Quasi-peak detector

### 10.4. WORST CASE 18-26 GHZ



**18 – 26GHz DATA**

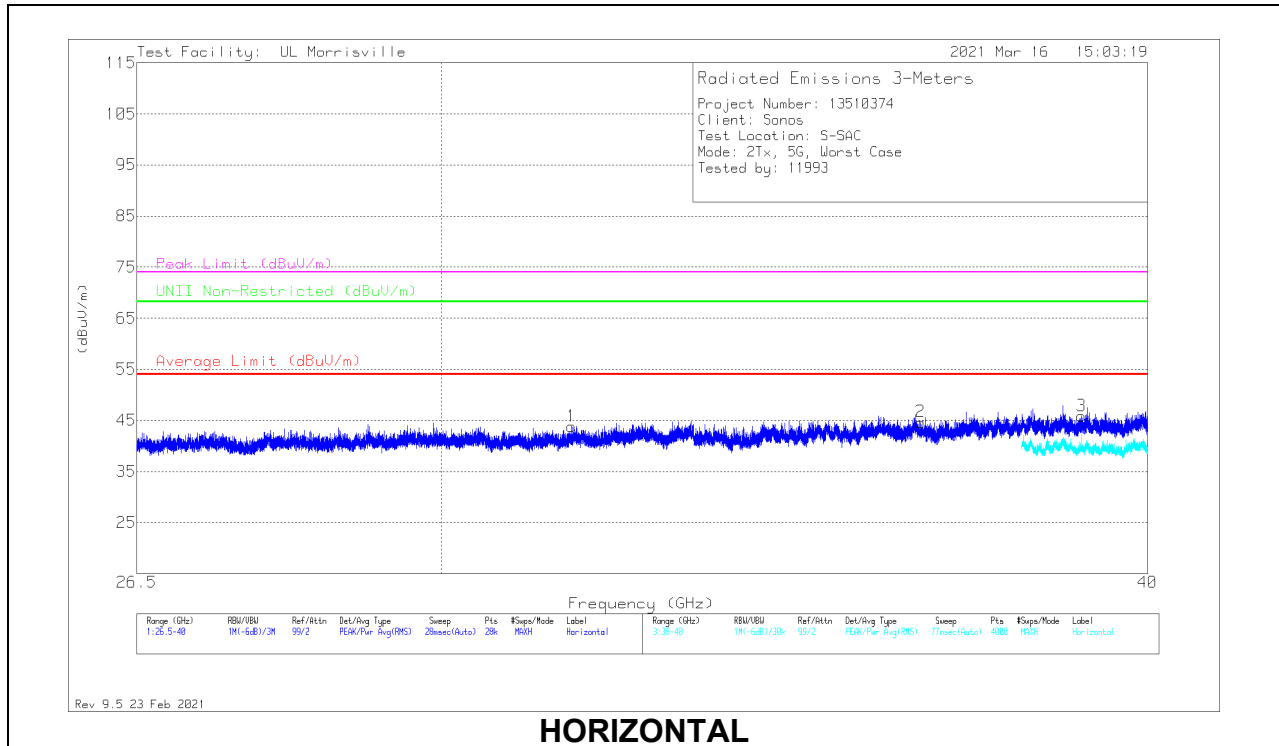
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0063 AF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 20.629	46.09	Pk	34	-39.1	40.99	54	-13.01	74	-33.01	-	-	0-360	300	H
2	*** 22.1062	45.37	Pk	36.7	-39	43.07	54	-10.93	74	-30.93	-	-	0-360	101	H
3	*** 23.74442	46.25	Pk	34.8	-38.6	42.45	54	-11.55	74	-31.55	-	-	0-360	300	H
4	*** 20.90999	45.9	Pk	34.1	-39.1	40.9	54	-13.1	74	-33.1	-	-	0-360	300	V
5	*** 22.48636	45.98	Pk	36.4	-38.8	43.58	54	-10.42	74	-30.42	-	-	0-360	200	V
6	*** 23.82046	45.83	Pk	34.8	-38.6	42.03	54	-11.97	74	-31.97	-	-	0-360	200	V
7	*** 18.01133	44.64	Pk	33.1	-39.9	37.84	54	-16.16	74	-36.16	-	-	0-360	200	V

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

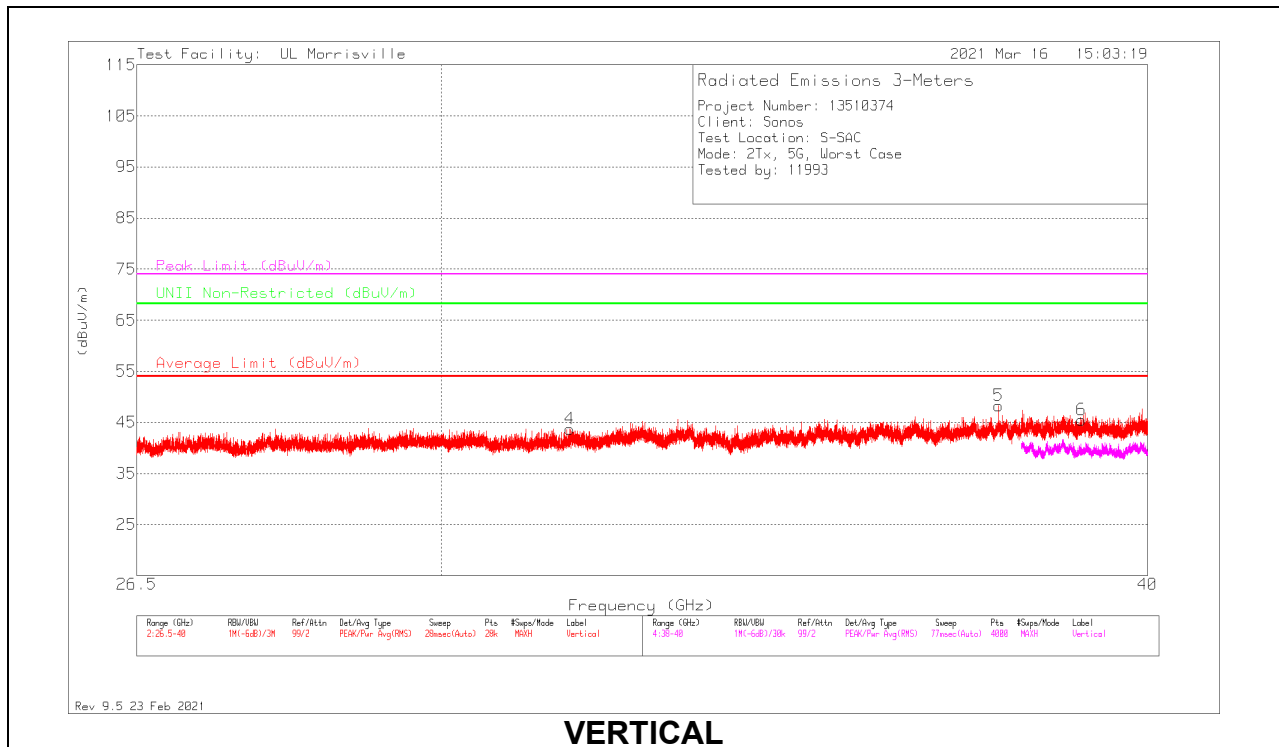
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.5. WORST CASE 26-40 GHZ



**HORIZONTAL**



**VERTICAL**



**26 – 40GHz DATA**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0061 AF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 31.635	42.44	Pk	36.9	-35.5	43.84	54	-10.16	74	-30.16	-	-	0-360	250	H
2	** 36.46769	45.05	Pk	38	-38.4	44.65	54	-9.35	74	-29.35	-	-	0-360	199	H
3	** 38.94069	44.44	Pk	38.7	-37.3	45.84	54	-8.16	74	-28.16	-	-	0-360	250	H
4	*** 31.60945	42.07	Pk	36.9	-35.3	43.67	54	-10.33	74	-30.33	-	-	0-360	201	V
6	** 38.94069	44.08	Pk	38.7	-37.3	45.48	54	-8.52	74	-28.52	-	-	0-360	300	V
5	37.6445	46.59	PK-U	38.3	-37.6	47.29	-	-	-	-	68.2	-20.91	267	161	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk-U - Maximum Peak

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

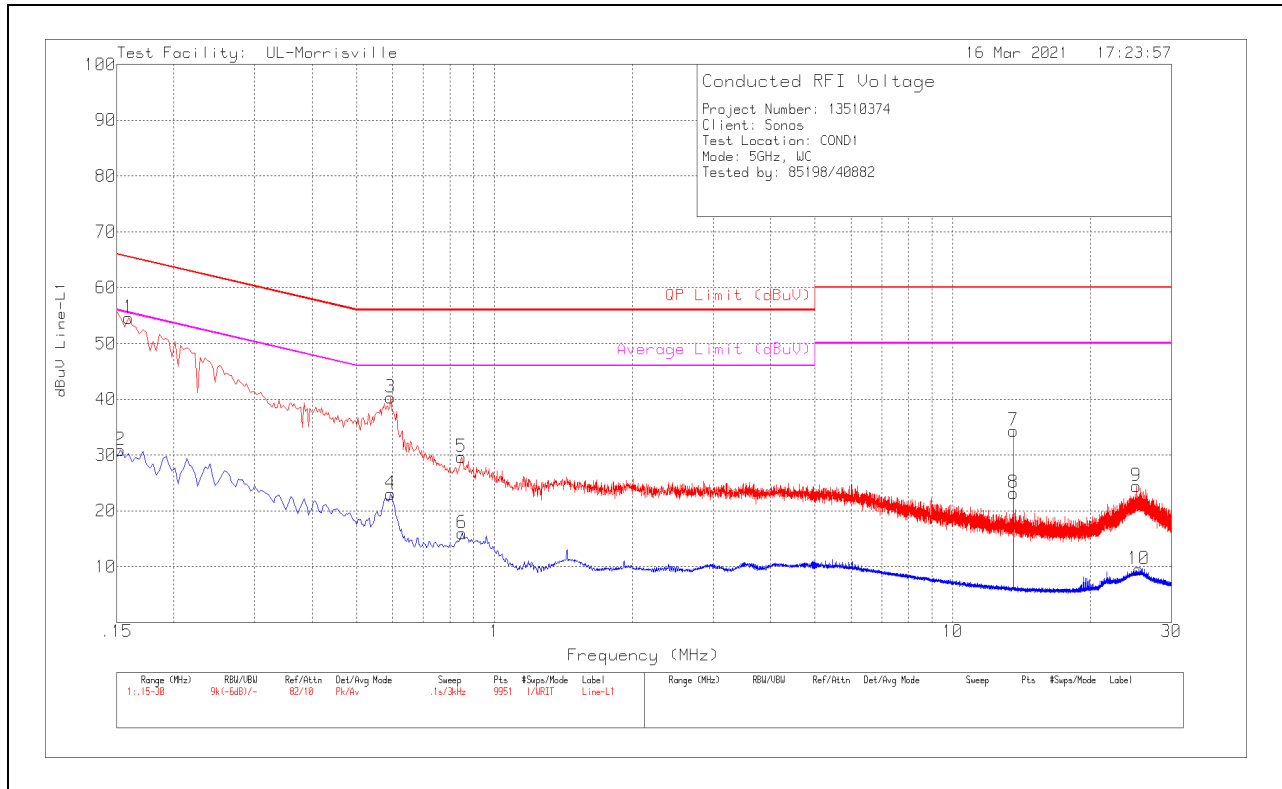
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

### RESULTS

### 11.1.1. AC Power Line

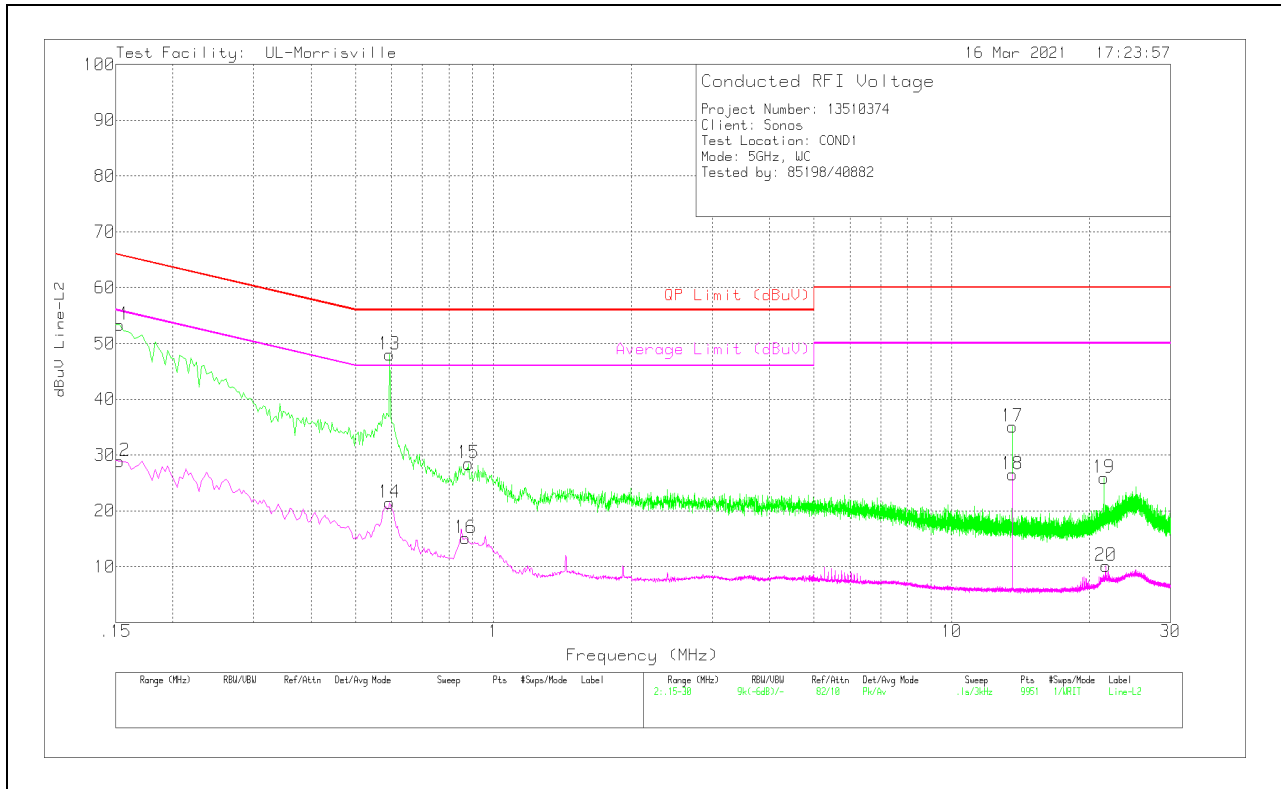
### LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.159	44.68	Pk	.2	9.7	54.58	65.52	-10.94	-	-
2	.153	21.02	Av	.2	9.7	30.92	-	-	55.84	-24.92
3	.594	30.57	Pk	0	9.8	40.37	56	-15.63	-	-
4	.594	13.25	Av	0	9.8	23.05	-	-	46	-22.95
5	.846	19.81	Pk	0	9.8	29.61	56	-26.39	-	-
6	.849	6.21	Av	0	9.8	16.01	-	-	46	-29.99
7	13.56	24.28	Pk	.1	10	34.38	60	-25.62	-	-
8	13.56	13.11	Av	.1	10	23.21	-	-	50	-26.79
9	25.125	13.92	Pk	.3	10.2	24.42	60	-35.58	-	-
10	25.467	-1.02	Av	.3	10.2	9.48	-	-	50	-40.52

Pk – Peak detector  
 Av – Average detector

### LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
11	.153	43.46	Pk	.2	9.7	53.36	65.84	-12.48	-	-
12	.153	18.97	Av	.2	9.7	28.87	-	-	55.84	-26.97
13	.594	38.23	Pk	0	9.8	48.03	56	-7.97	-	-
14	.594	11.68	Av	0	9.8	21.48	-	-	46	-24.52
15	.882	18.66	Pk	0	9.8	28.46	56	-27.54	-	-
16	.87	5.32	Av	0	9.8	15.12	-	-	46	-30.88
17	13.56	24.96	Pk	.1	10	35.06	60	-24.94	-	-
18	13.563	16.4	Av	.1	10	26.5	-	-	50	-23.5
19	21.507	15.66	Pk	.2	10.1	25.96	60	-34.04	-	-
20	21.66	-2	Av	.2	10.1	10.1	-	-	50	-39.9

Pk – Peak detector  
 Av – Average detector

## 12. SETUP PHOTOS

Please refer to R13510374-EP1 for setup photos

**END OF TEST REPORT**