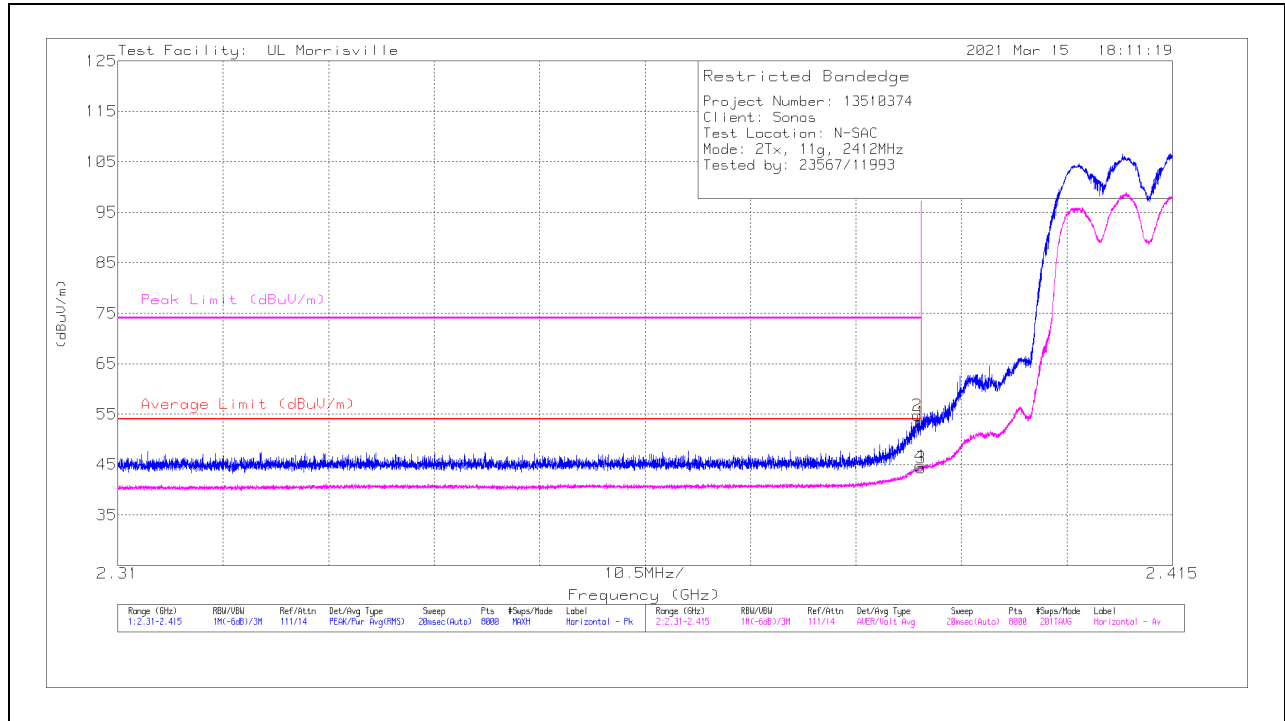


10.1.2. TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

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	* ** 2.39	45.96	Pk	31.8	-24.4	0	53.36	-	-	74	-20.64	81	187	H
2	* ** 2.38962	47.4	Pk	31.8	-24.4	0	54.8	-	-	74	-19.2	81	187	H
3	* ** 2.39	30.81	ADV	31.8	-24.4	6.08	44.29	54	-9.71	-	-	81	187	H
4	* ** 2.38983	31.27	ADV	31.8	-24.4	6.08	44.75	54	-9.25	-	-	81	187	H

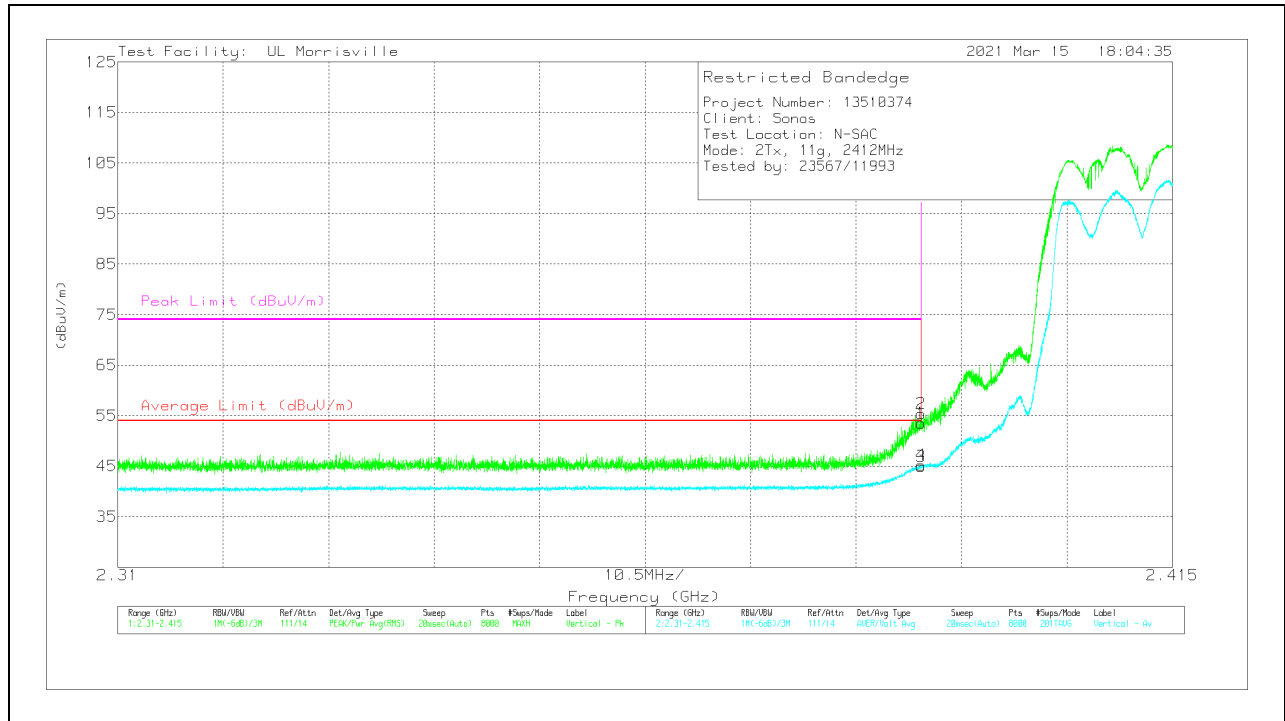
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

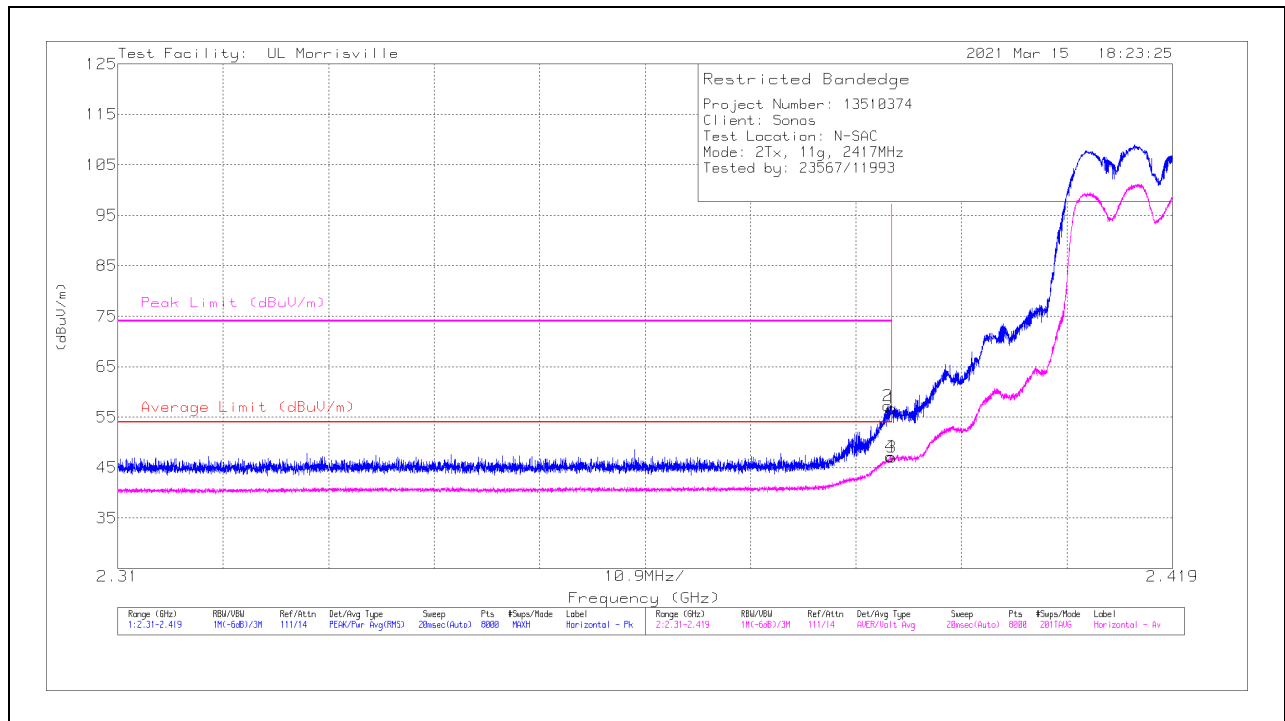


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	46.1	Pk	31.8	-24.4	0	53.5	-	-	74	-20.5	153	304	V
2	* ** 2.38997	48.02	Pk	31.8	-24.4	0	55.42	-	-	74	-18.58	153	304	V
3	* ** 2.39	31.43	ADV	31.8	-24.4	6.08	44.91	54	-9.09	-	-	153	304	V
4	* ** 2.38997	31.67	ADV	31.8	-24.4	6.08	45.15	54	-8.85	-	-	153	304	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

BANDEDGE (CHANNEL 2)

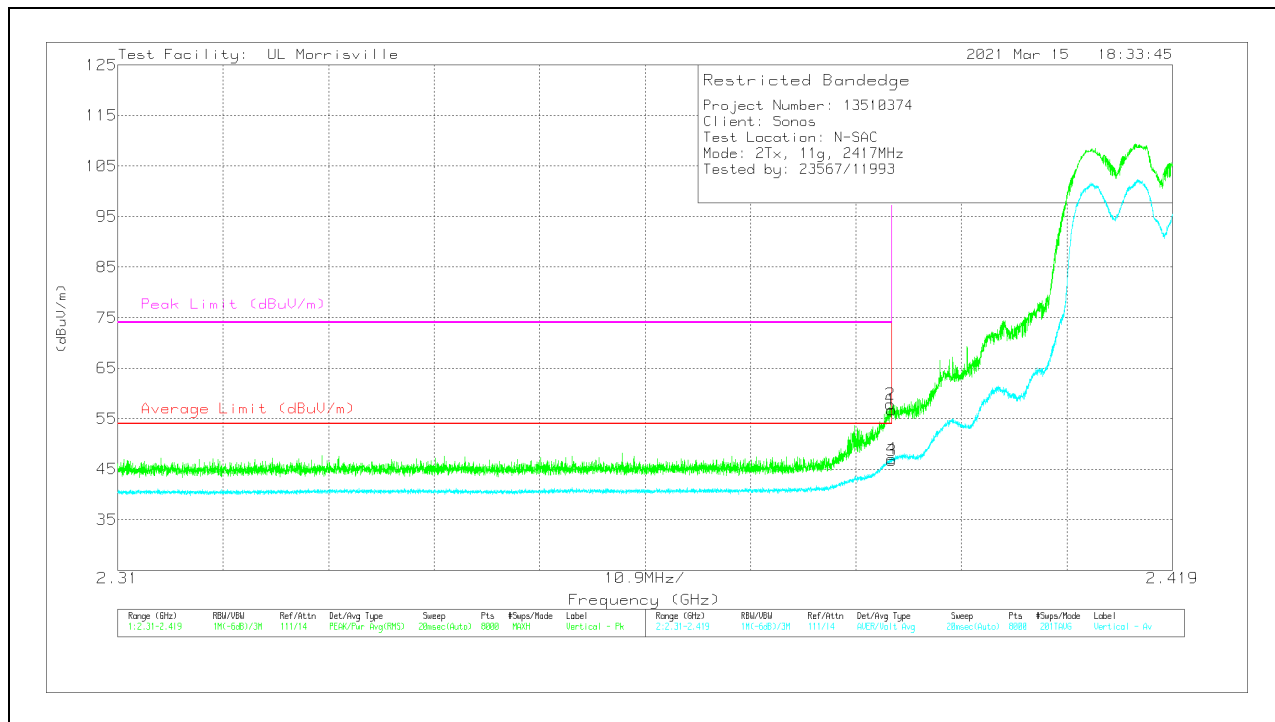
HORIZONTAL RESULT



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	*** 2.38999	49.29	Pk	31.8	-24.4	0	56.69	-	-	74	-17.31	78	222	H
2	*** 2.38961	49.81	Pk	31.8	-24.4	0	57.21	-	-	74	-16.79	78	222	H
3	*** 2.38999	33.53	ADV	31.8	-24.4	6.08	47.01	54	-6.99	-	-	78	222	H
4	*** 2.38983	33.68	ADV	31.8	-24.4	6.08	47.16	54	-6.84	-	-	78	222	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	*** 2.38999	49.4	Pk	31.8	-24.4	0	56.8	-	-	74	-17.2	166	349	V
2	*** 2.38985	50.43	Pk	31.8	-24.4	0	57.83	-	-	74	-16.17	166	349	V
3	*** 2.38999	33.26	ADV	31.8	-24.4	6.08	46.74	54	-7.26	-	-	166	349	V
4	*** 2.38998	33.63	ADV	31.8	-24.4	6.08	47.11	54	-6.89	-	-	166	349	V

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

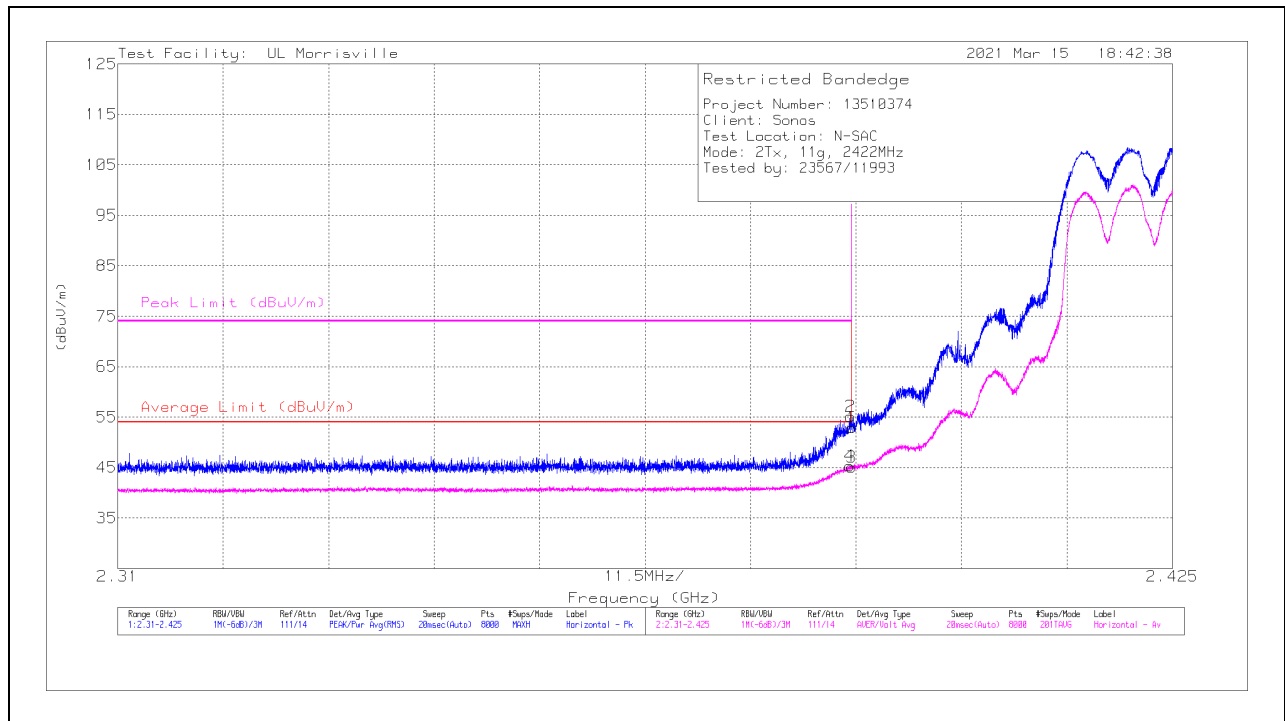
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (CHANNEL 3)

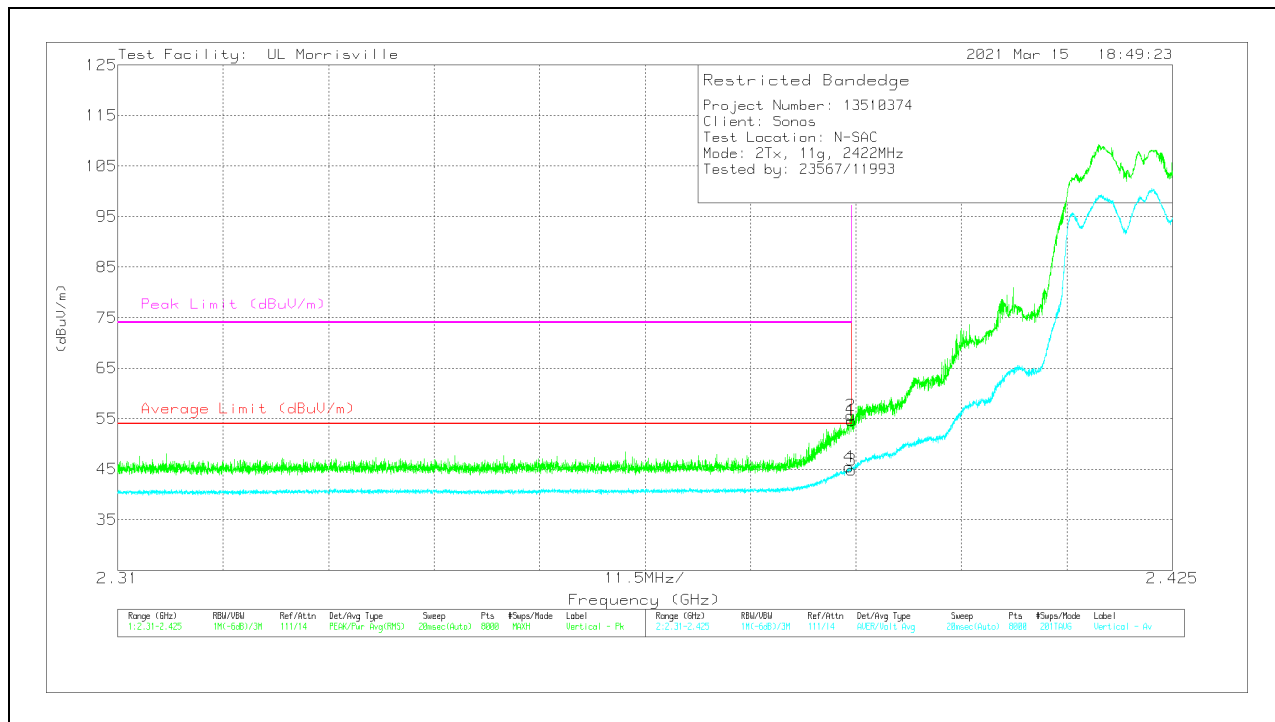
HORIZONTAL RESULT



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	*** 2.38999	45.52	Pk	31.8	-24.4	0	52.92	-	-	74	-21.08	82	234	H
2	*** 2.38991	47.69	Pk	31.8	-24.4	0	55.09	-	-	74	-18.91	82	234	H
3	*** 2.38999	31.58	ADV	31.8	-24.4	6.08	45.06	54	-8.94	-	-	82	234	H
4	*** 2.38978	31.84	ADV	31.8	-24.4	6.08	45.32	54	-8.68	-	-	82	234	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	*** 2.38999	47.2	Pk	31.8	-24.4	0	54.6	-	-	74	-19.4	247	302	V
2	** 2.38995	48.28	Pk	31.8	-24.4	0	55.68	-	-	74	-18.32	247	302	V
3	*** 2.38999	31.34	ADV	31.8	-24.4	6.08	44.82	54	-9.18	-	-	247	302	V
4	*** 2.38975	32	ADV	31.8	-24.4	6.08	45.48	54	-8.52	-	-	247	302	V

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

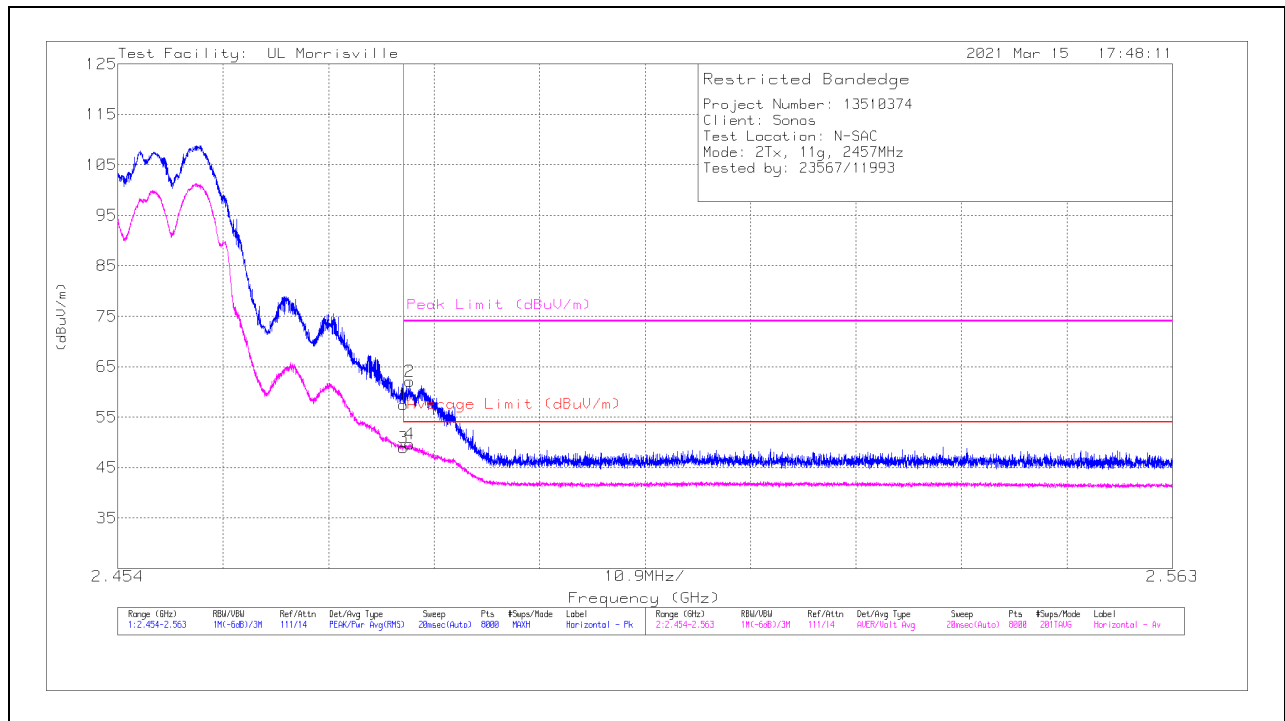
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (CHANNEL 10)

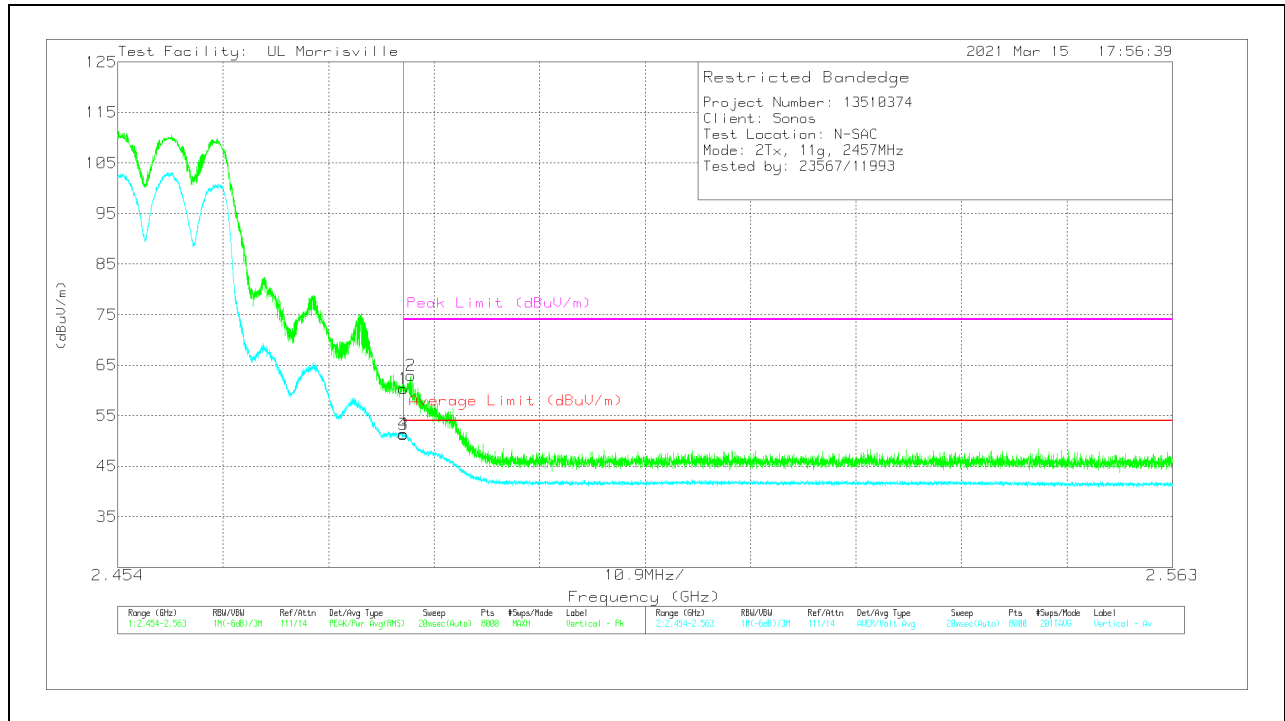
HORIZONTAL RESULT



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	*** 2.4835	49.35	Pk	32.4	-24.3	0	57.45	-	-	74	-16.55	203	324	H
2	*** 2.4842	54.01	Pk	32.4	-24.3	0	62.11	-	-	74	-11.89	203	324	H
3	*** 2.4835	34.71	ADV	32.4	-24.3	6.08	48.89	54	-5.11	-	-	203	324	H
4	*** 2.48418	35.47	ADV	32.4	-24.3	6.08	49.65	54	-4.35	-	-	203	324	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

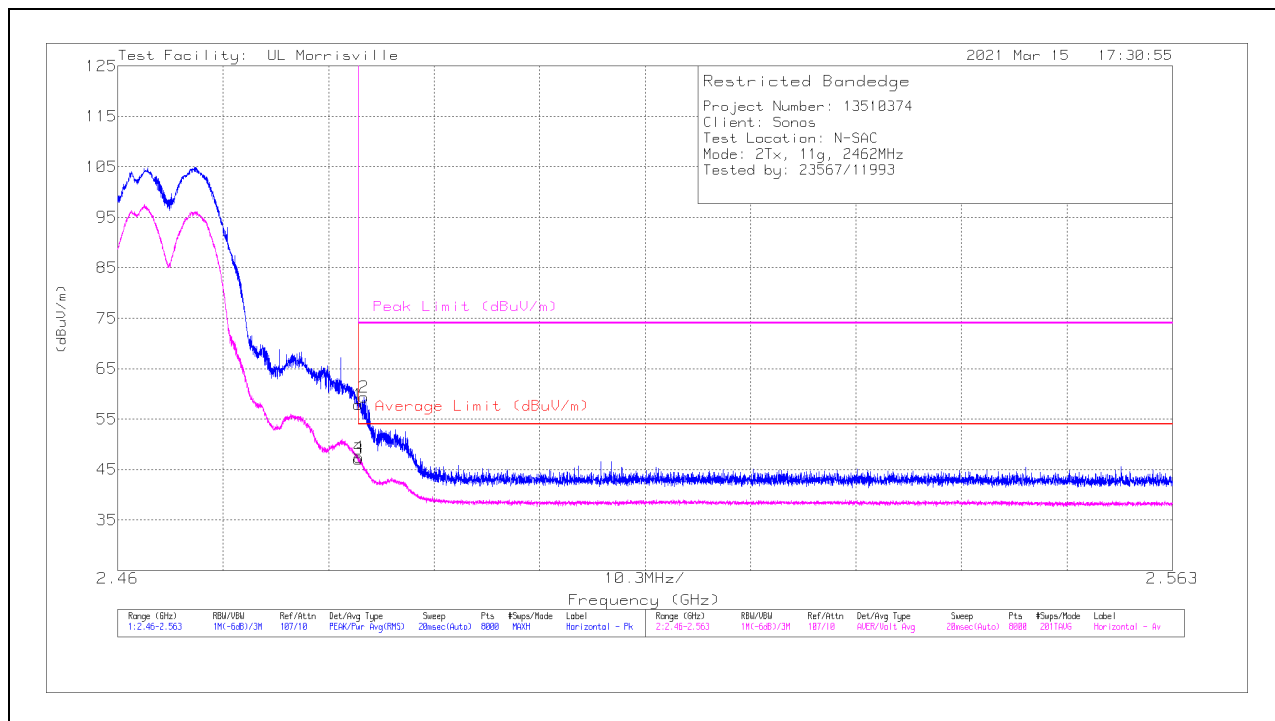


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	52.26	Pk	32.4	-24.3	0	60.36	-	-	74	-13.64	147	123	V
2	*** 2.48431	54.88	Pk	32.4	-24.3	0	62.98	-	-	74	-11.02	147	123	V
3	*** 2.4835	37.12	ADV	32.4	-24.3	6.08	51.3	54	-2.7	-	-	147	123	V
4	*** 2.48352	37.25	ADV	32.4	-24.3	6.08	51.43	54	-2.57	-	-	147	123	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

BANDEDGE (HIGH CHANNEL, CH 11)

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	*** 2.4835	49.75	Pk	32.4	-24.3	0	57.85	-	-	74	-16.15	69	134	H
2	*** 2.48407	51.22	Pk	32.4	-24.3	0	59.32	-	-	74	-14.68	69	134	H
3	*** 2.4835	32.87	ADV	32.4	-24.3	6.08	47.05	54	-6.95	-	-	69	134	H
4	*** 2.48358	33.22	ADV	32.4	-24.3	6.08	47.4	54	-6.6	-	-	69	134	H

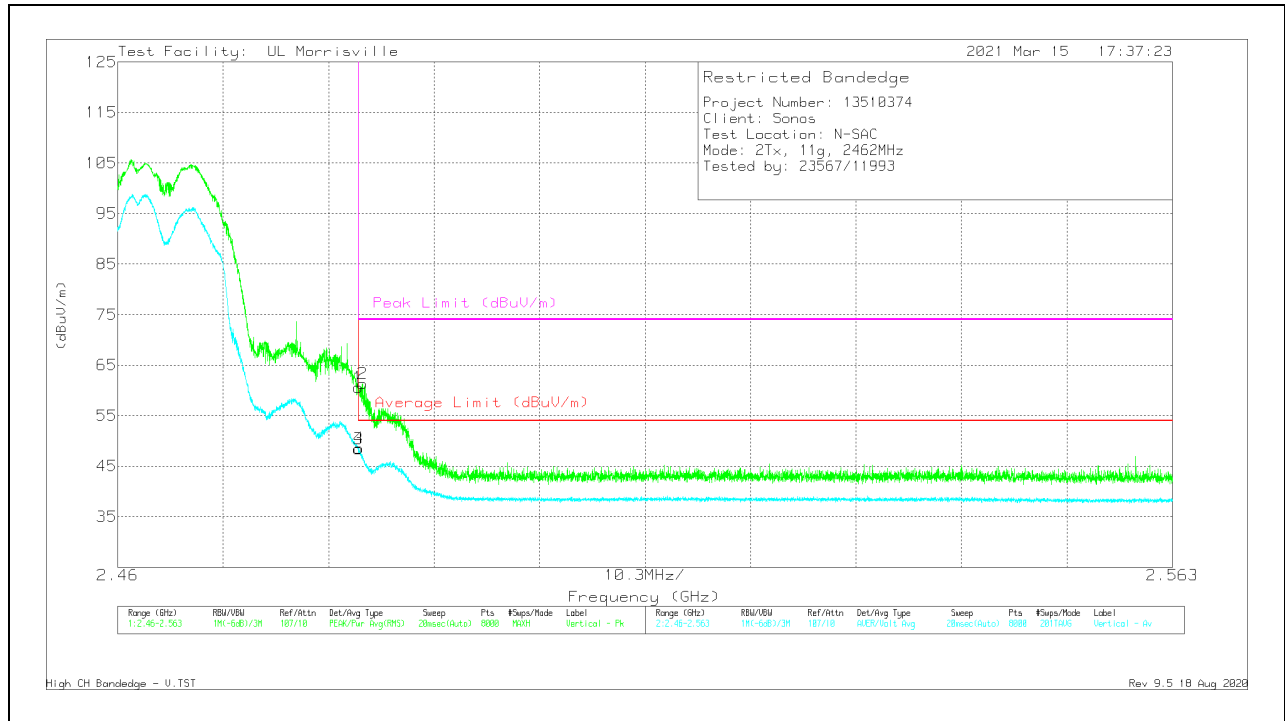
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

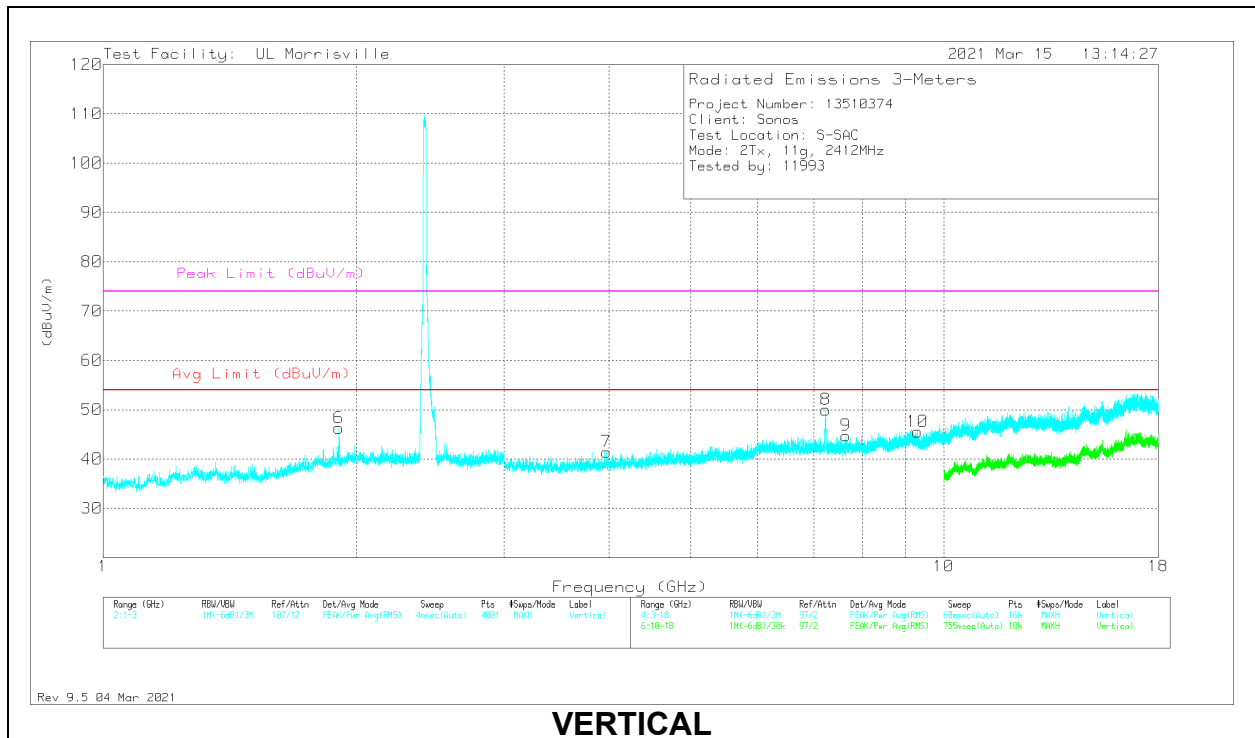
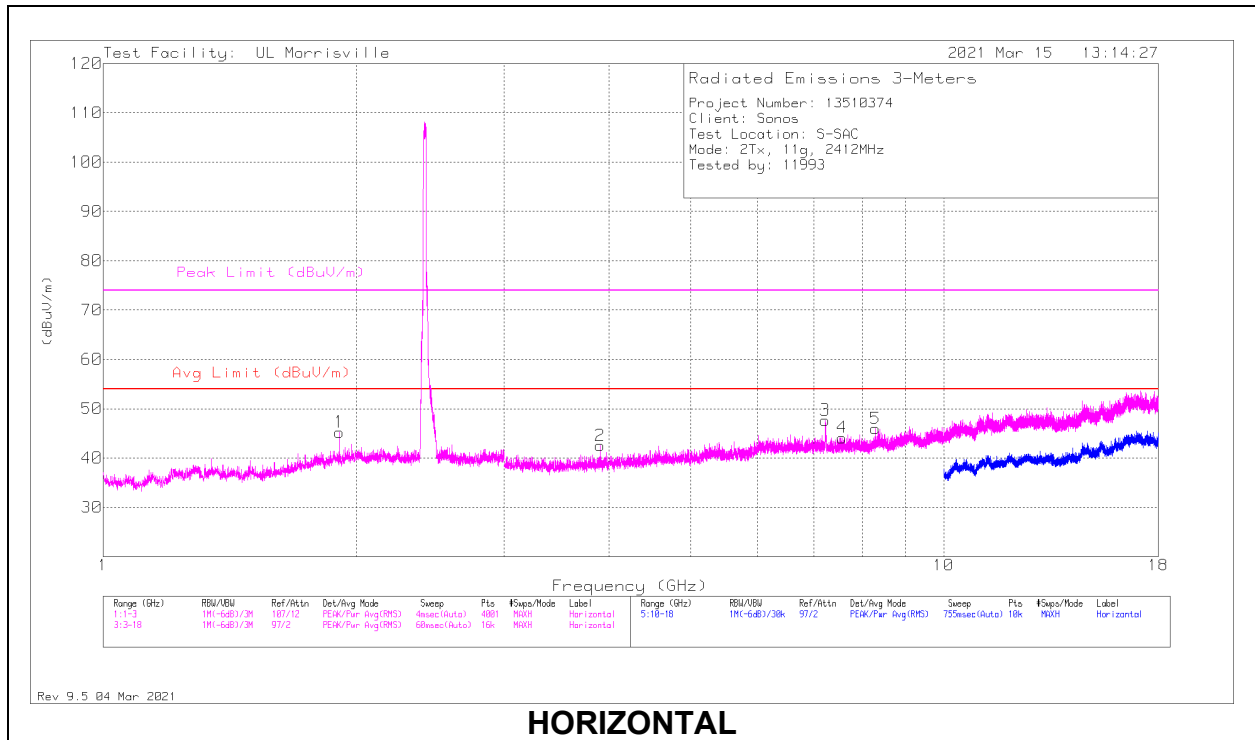


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	52.54	Pk	32.4	-24.3	0	60.64	-	-	74	-13.36	150	373	V
2	*** 2.4839	53.25	Pk	32.4	-24.3	0	61.35	-	-	74	-12.65	150	373	V
3	*** 2.4835	34.21	ADV	32.4	-24.3	6.08	48.39	54	-5.61	-	-	150	373	V
4	*** 2.48355	34.38	ADV	32.4	-24.3	6.08	48.56	54	-5.44	-	-	150	373	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

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

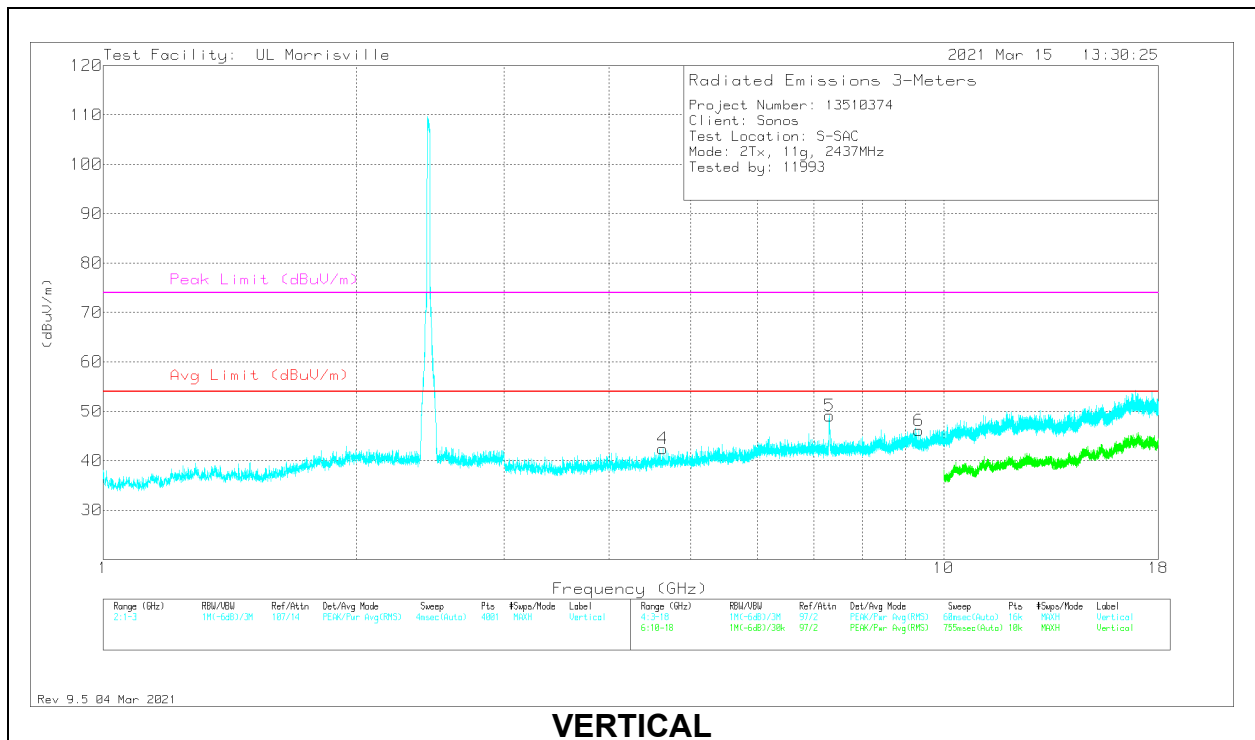
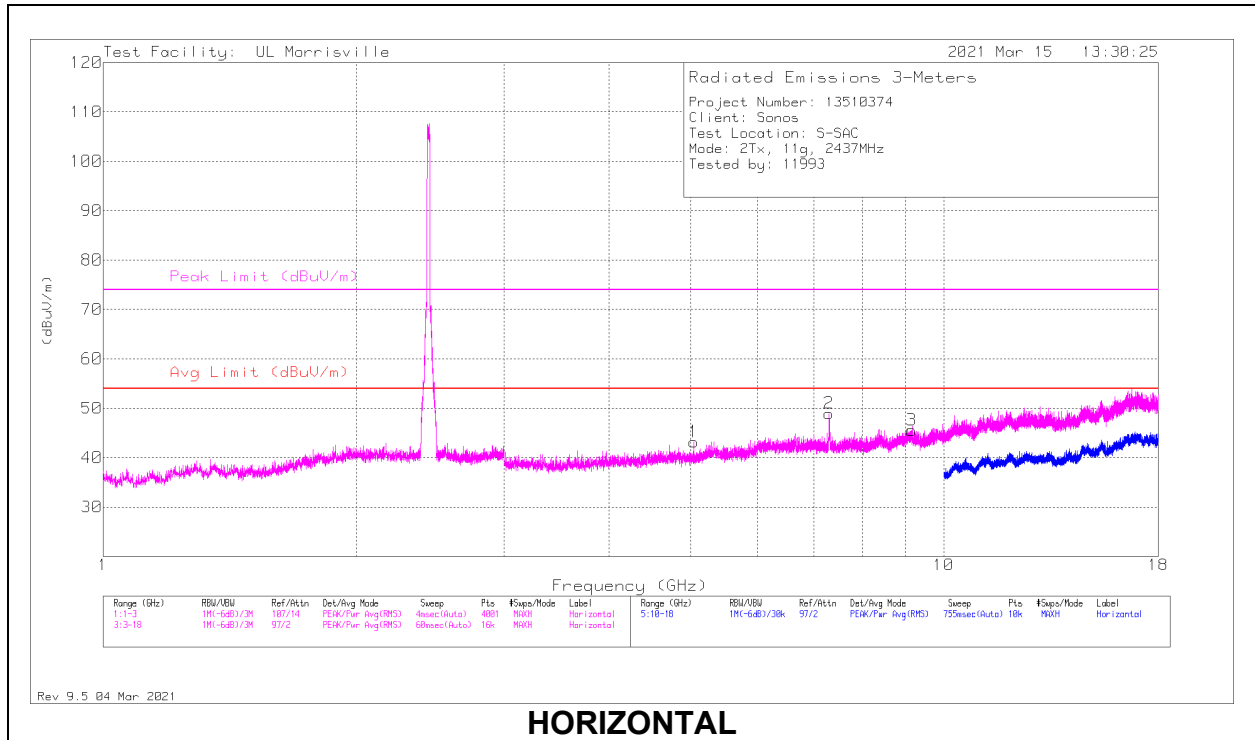
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.909	36.34	Pk	31.3	-22.4	45.24	54	-8.76	74	-28.76	0-360	200	H
6	** 1.906	37.41	Pk	31.3	-22.4	46.31	54	-7.69	74	-27.69	0-360	101	V
2	*** 3.90281	41.22	Pk	33.4	-32.1	42.52	54	-11.48	74	-31.48	0-360	101	H
4	*** 7.56656	36.03	Pk	35.7	-27.6	44.13	54	-9.87	74	-29.87	0-360	101	H
5	*** 8.29406	37.67	Pk	35.8	-27.5	45.97	54	-8.03	74	-28.03	0-360	101	H
7	*** 3.97125	39.76	Pk	33.4	-31.7	41.46	54	-12.54	74	-32.54	0-360	199	V
9	*** 7.64719	36.57	Pk	35.7	-27.5	44.77	54	-9.23	74	-29.23	0-360	101	V
10	*** 9.3075	35.85	Pk	36.3	-26.6	45.55	54	-8.45	74	-28.45	0-360	101	V
3	7.22906	39.87	Pk	35.6	-27.8	47.67	54	-	-	-	-	199	H
8	7.23938	42.1	Pk	35.6	-27.7	50	54	-	-	-	-	199	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL, CH 6 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)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 5.04	40.49	Pk	34	-31.3	0	43.19	54	-10.81	74	-30.81	0-360	101	H
2	*** 7.3013	46.05	PK2	35.6	-27.5	0	54.15	-	-	74	-19.85	279	134	H
	*** 7.30101	27.82	ADV	35.6	-27.5	6.08	42	54	-12	-	-	279	134	H
3	*** 9.15563	35.34	Pk	36.3	-26.1	0	45.54	54	-8.46	74	-28.46	0-360	101	H
4	*** 4.63125	40.03	Pk	34.1	-31.7	0	42.43	54	-11.57	74	-31.57	0-360	200	V
5	*** 7.31055	47.02	PK2	35.6	-27.5	0	55.12	-	-	74	-18.88	46	222	V
	*** 7.3104	30.34	ADV	35.6	-27.5	6.08	44.52	54	-9.48	-	-	46	222	V
6	*** 9.3375	36.19	Pk	36.4	-26.5	0	46.09	54	-7.91	74	-27.91	0-360	200	V

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

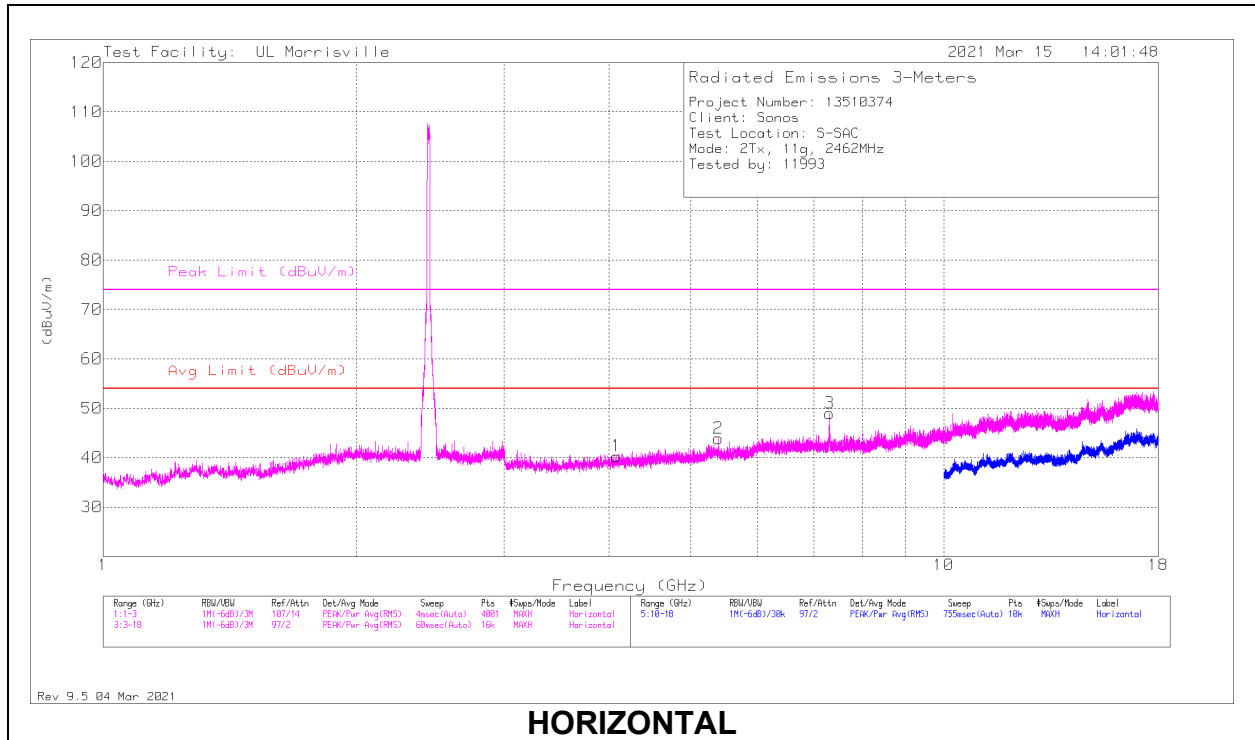
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

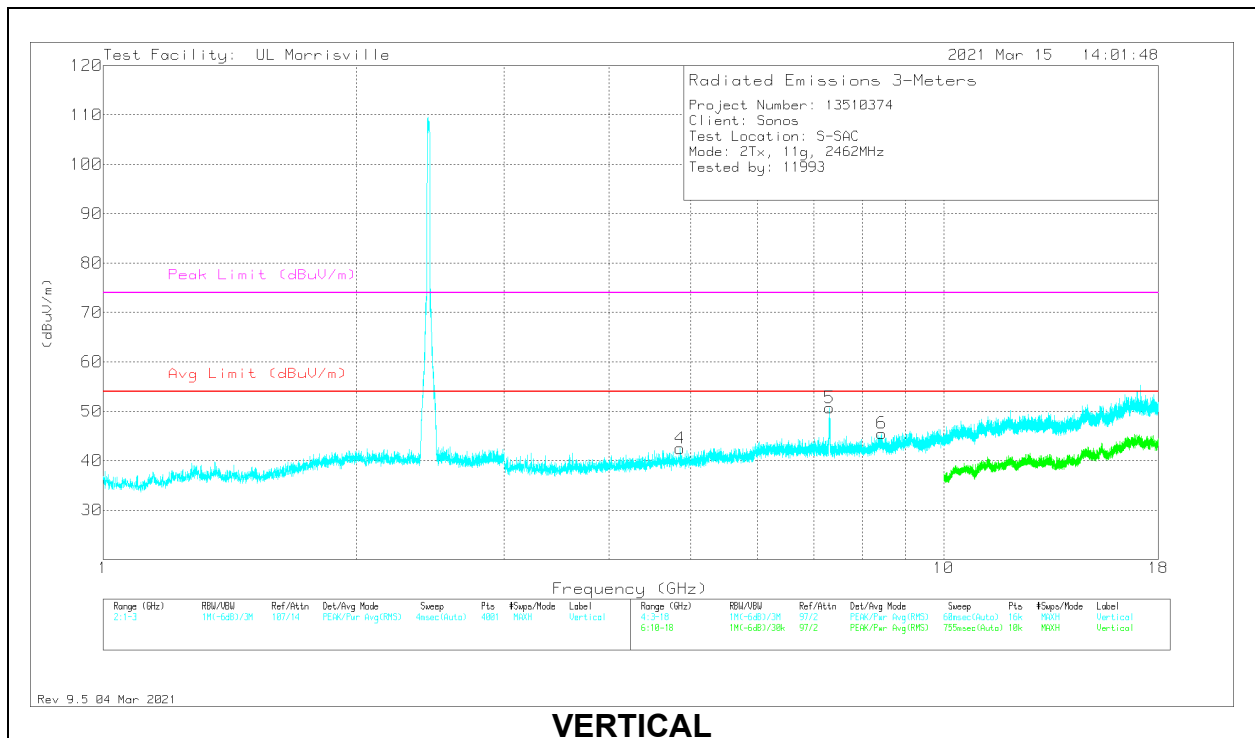
PK2 - Maximum Peak

ADV - Voltage Average

HIGH CHANNEL, CH 11 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)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.07813	39.51	Pk	33.4	-32.6	0	40.31	54	-13.69	74	-33.69	0-360	101	H
2	*** 5.39438	39.2	Pk	34.5	-29.8	0	43.9	54	-10.1	74	-30.1	0-360	101	H
3	*** 7.31055	44.12	PK2	35.6	-27.5	0	52.22	-	-	74	-21.78	332	305	H
	*** 7.31092	28.43	ADV	35.6	-27.5	6.08	42.61	54	-11.39	-	-	332	305	H
4	*** 4.85813	39.4	Pk	34	-30.9	0	42.5	54	-11.5	74	-31.5	0-360	101	V
5	*** 7.31587	44.9	PK2	35.6	-27.4	0	53.1	-	-	74	-20.9	178	172	V
	*** 7.31558	28.2	ADV	35.6	-27.4	6.08	42.48	54	-11.52	-	-	178	172	V
6	*** 8.43281	36.83	Pk	35.9	-27.2	0	45.53	54	-8.47	74	-28.47	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

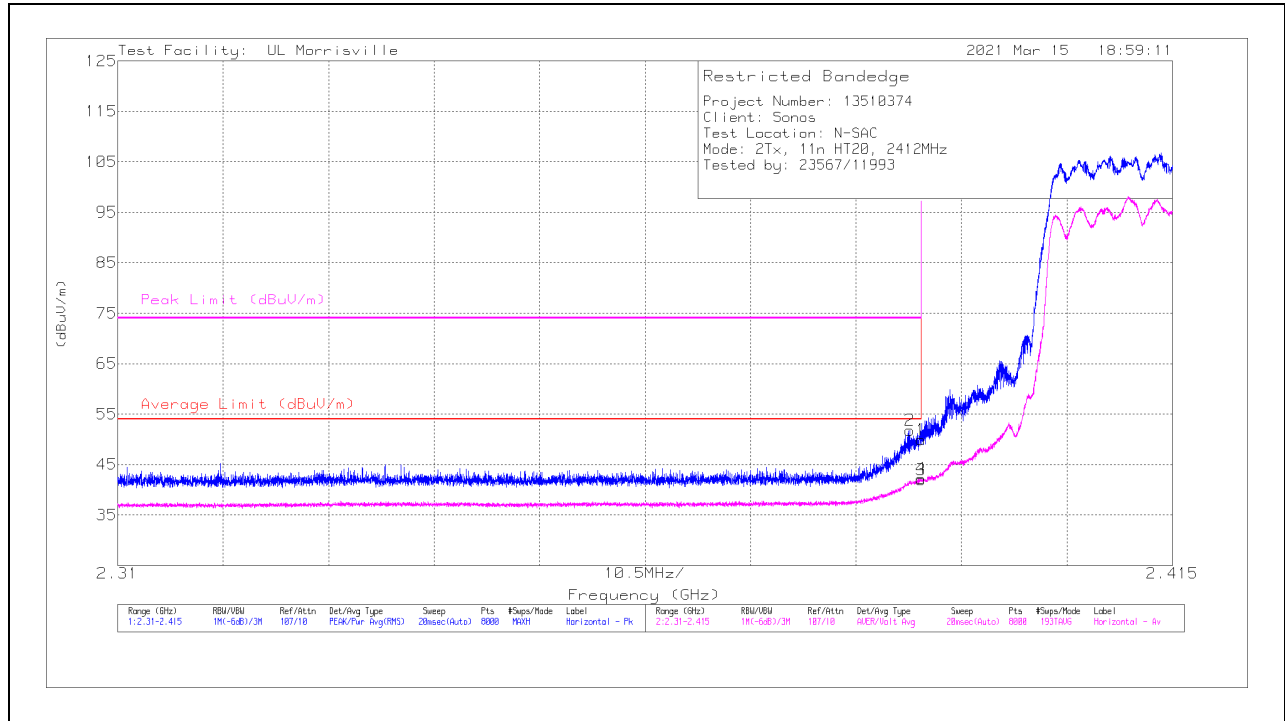
ADV - Linear Voltage Average

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Chain 0 + Chain 1 CDD MODE

BANDEDGE (LOW CHANNEL, CH 1)

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	*** 2.39	42.48	Pk	31.8	-24.4	0	49.88	-	-	74	-24.12	216	338	H
2	*** 2.38883	44.36	Pk	31.8	-24.4	0	51.76	-	-	74	-22.24	216	338	H
3	*** 2.39	28.85	ADV	31.8	-24.4	5.74	41.99	54	-12.01	-	-	216	338	H
4	*** 2.38996	29.1	ADV	31.8	-24.4	5.74	42.24	54	-11.76	-	-	216	338	H

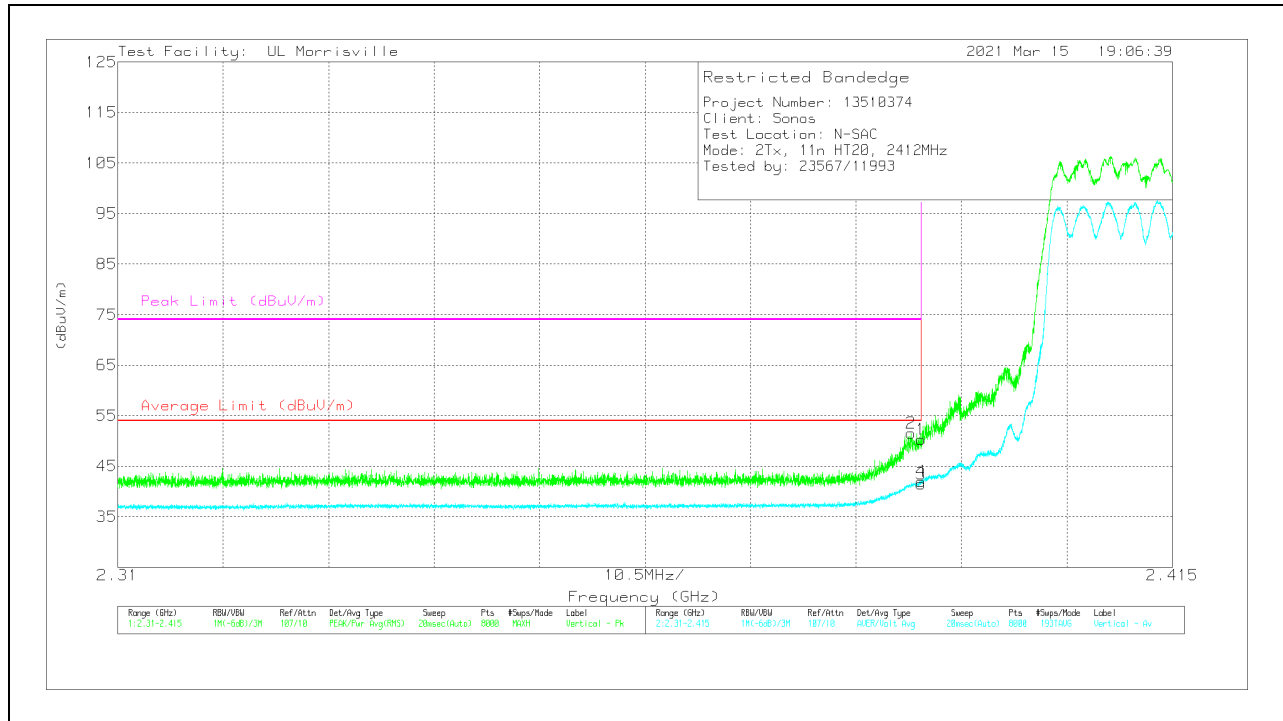
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

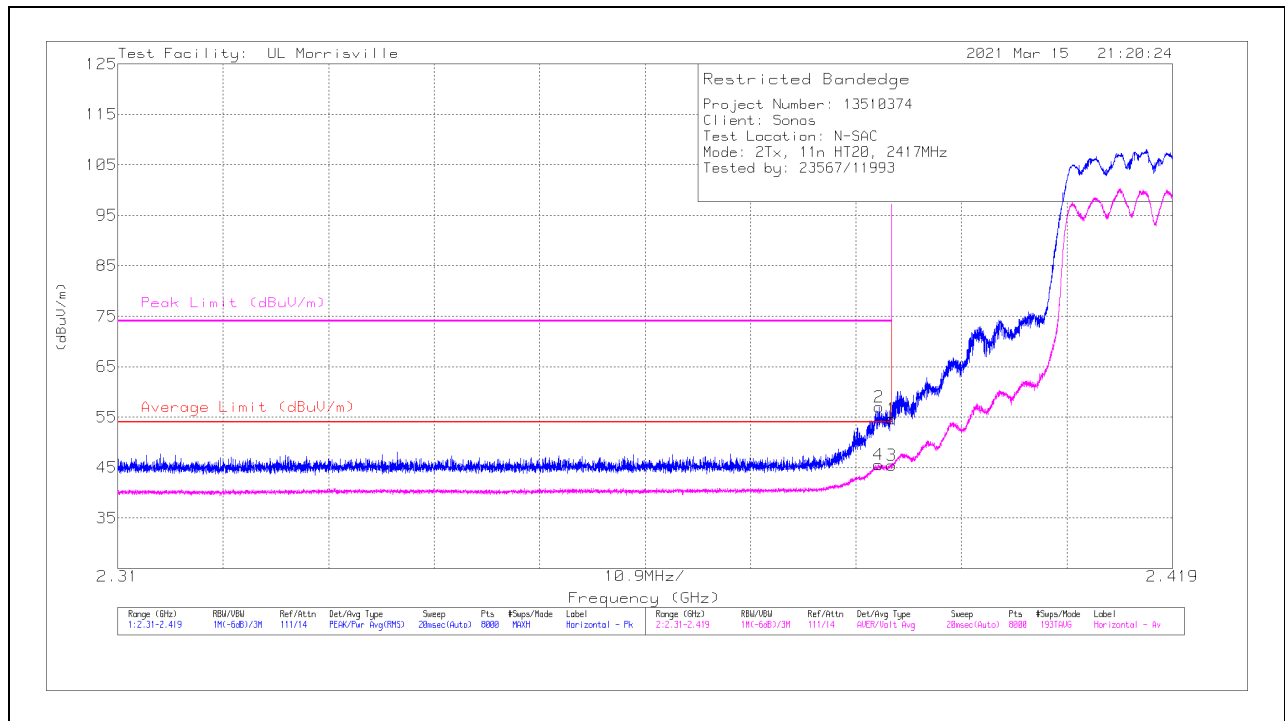


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.39	42.84	Pk	31.8	-24.4	0	50.24	-	-	74	-23.76	251	261	V
2	* ** 2.38899	44.15	Pk	31.8	-24.4	0	51.55	-	-	74	-22.45	251	261	V
3	* ** 2.39	28.35	ADV	31.8	-24.4	5.74	41.49	54	-12.51	-	-	251	261	V
4	* ** 2.38996	28.86	ADV	31.8	-24.4	5.74	42	54	-12	-	-	251	261	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

BANDEDGE (CHANNEL 2)

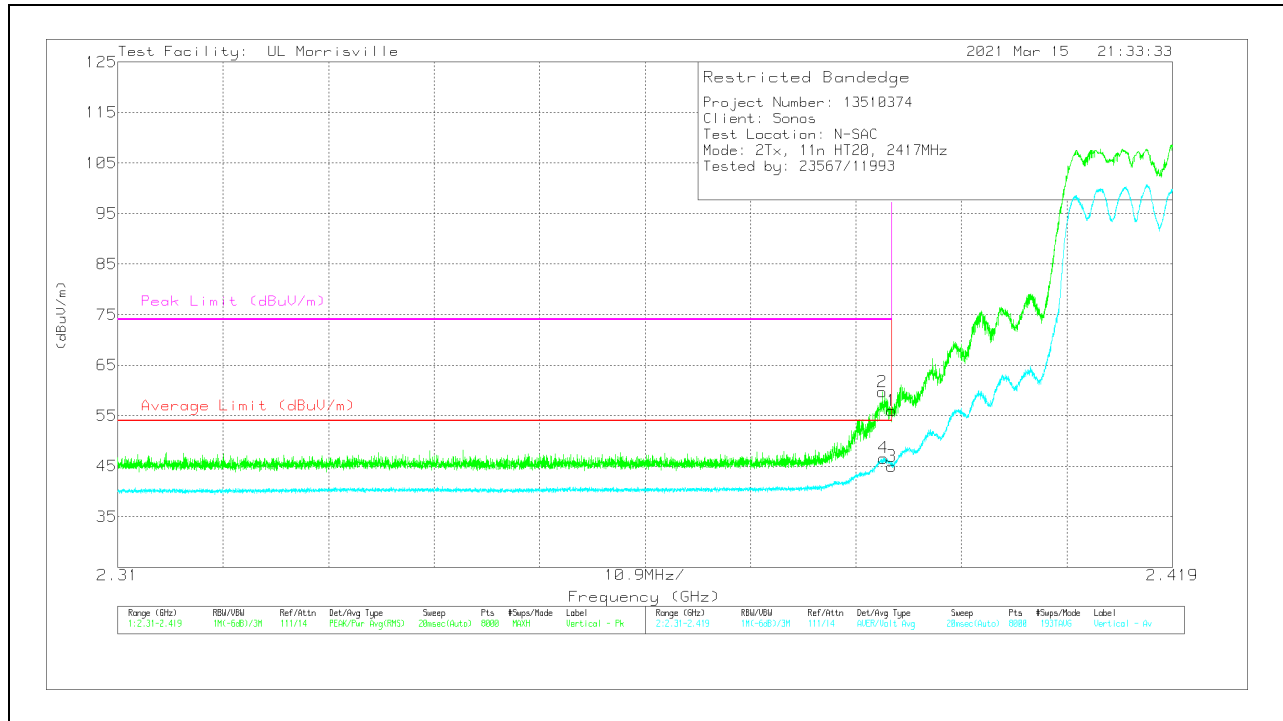
HORIZONTAL RESULT



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	*** 2.38999	47.28	Pk	31.8	-24.4	0	54.68	-	-	74	-19.32	67	345	H
2	*** 2.38867	49.55	Pk	31.8	-24.4	0	56.95	-	-	74	-17.05	67	345	H
3	*** 2.38999	32.31	ADV	31.8	-24.4	5.74	45.45	54	-8.55	-	-	67	344	H
4	*** 2.3886	32.48	ADV	31.8	-24.4	5.74	45.62	54	-8.38	-	-	67	344	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

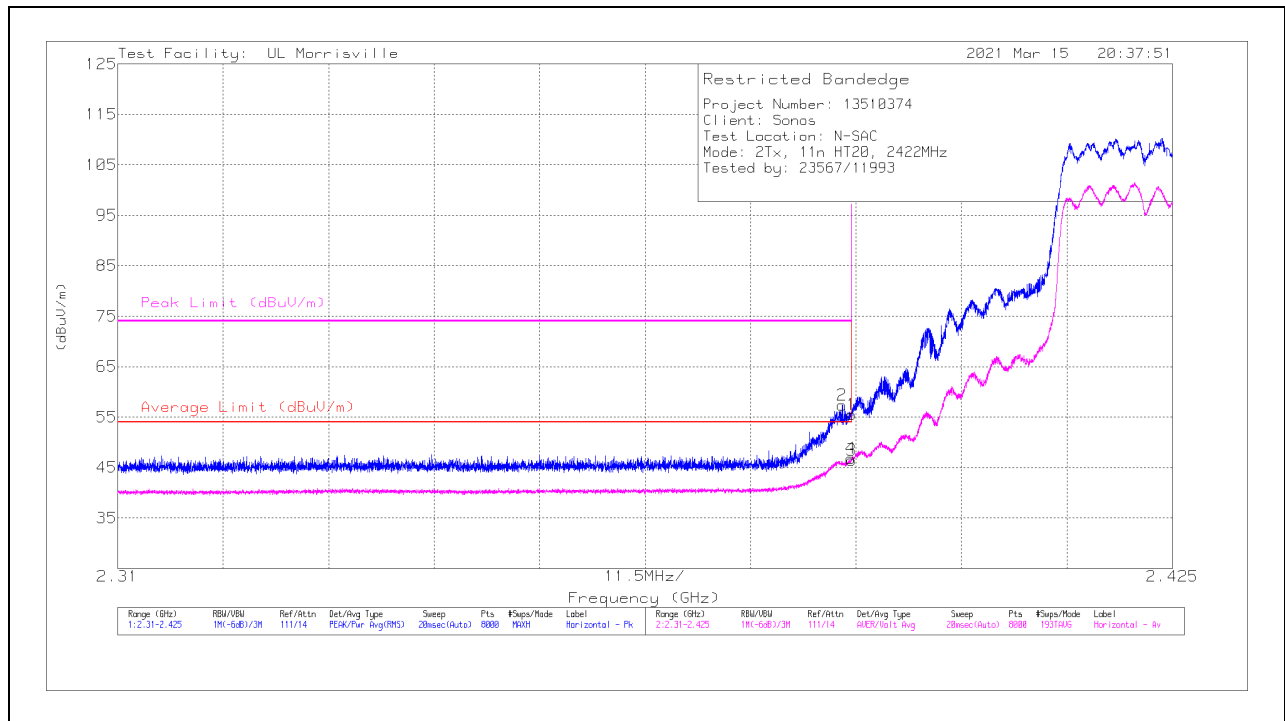


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	48.59	Pk	31.8	-24.4	0	55.99	-	-	74	-18.01	173	349	V
2	** 2.38901	52.36	Pk	31.8	-24.4	0	59.76	-	-	74	-14.24	173	349	V
3	*** 2.38999	31.87	ADV	31.8	-24.4	5.74	45.01	54	-8.99	-	-	173	349	V
4	*** 2.38912	33.49	ADV	31.8	-24.4	5.74	46.63	54	-7.37	-	-	173	349	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

BANDEDGE (CHANNEL 3)

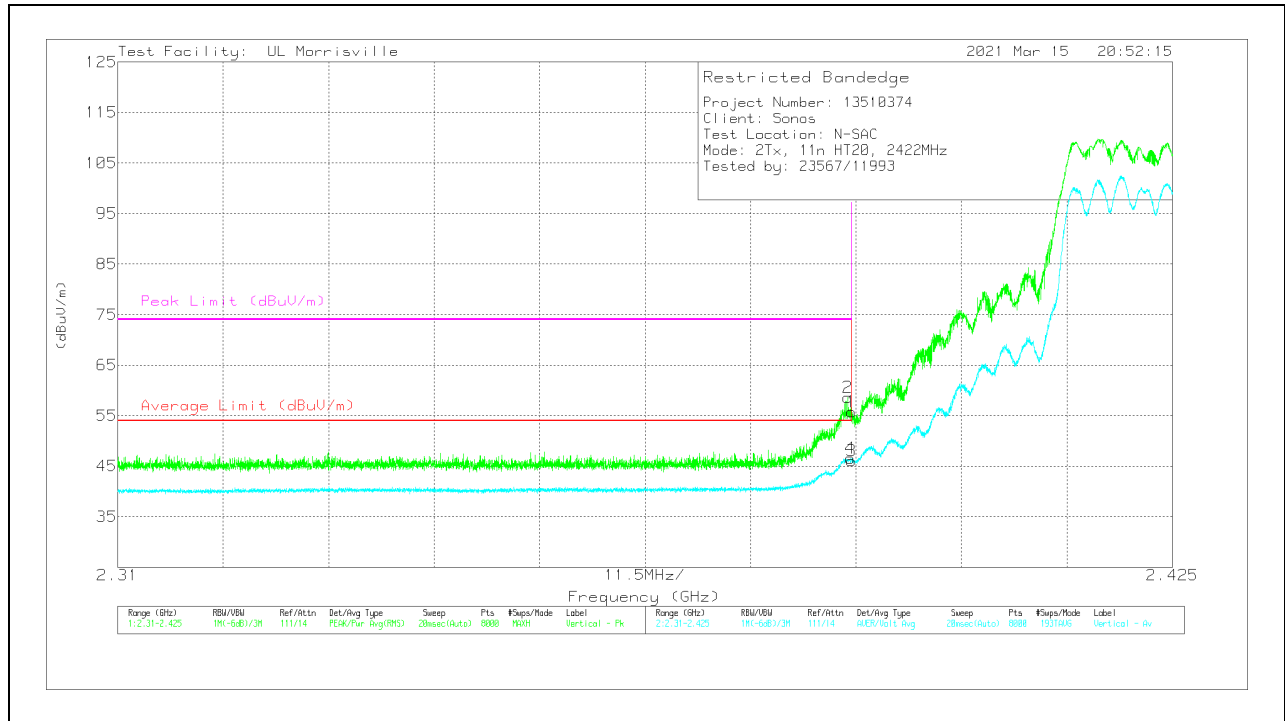
HORIZONTAL RESULT



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	*** 2.38999	48.09	Pk	31.8	-24.4	0	55.49	-	-	74	-18.51	215	344	H
2	*** 2.38902	49.99	Pk	31.8	-24.4	0	57.39	-	-	74	-16.61	215	344	H
3	*** 2.38999	33.36	ADV	31.8	-24.4	5.74	46.5	54	-7.5	-	-	215	344	H
4	*** 2.38996	33.68	ADV	31.8	-24.4	5.74	46.82	54	-7.18	-	-	215	344	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

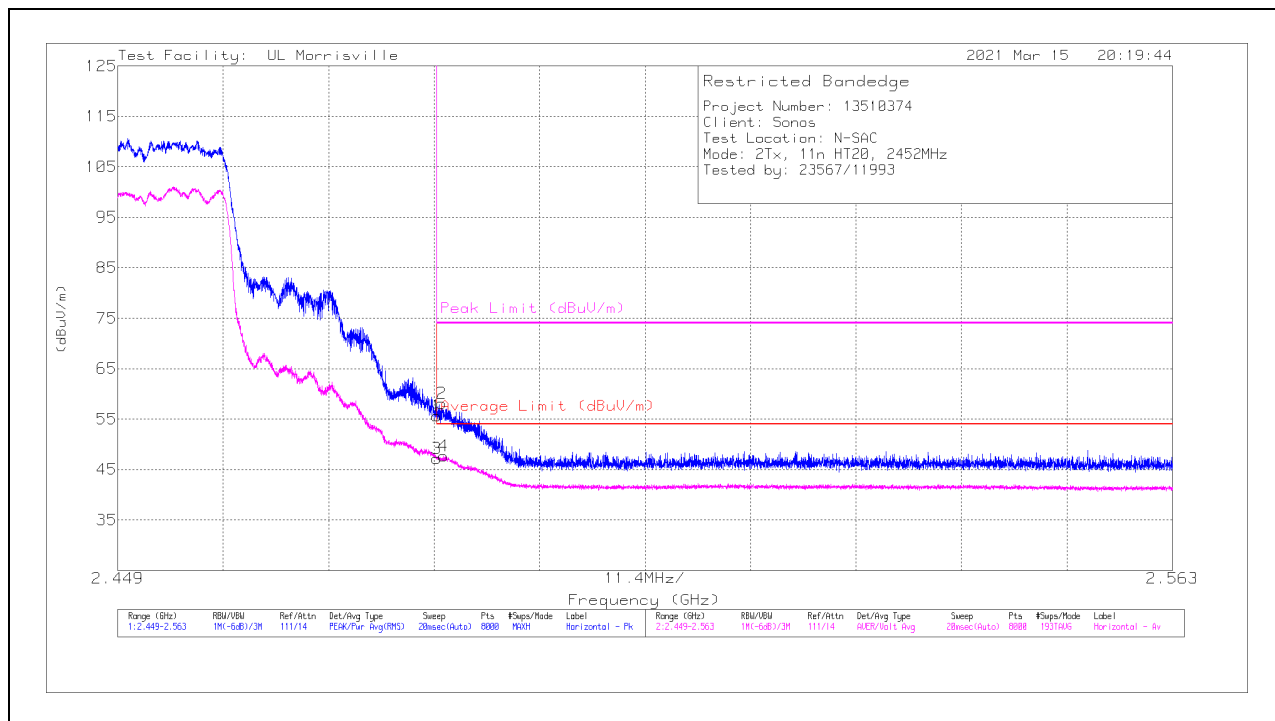


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38999	48.38	Pk	31.8	-24.4	0	55.78	-	-	74	-18.22	150	262	V
2	*** 2.38961	51.25	Pk	31.8	-24.4	0	58.65	-	-	74	-15.35	150	262	V
3	*** 2.38999	32.89	ADV	31.8	-24.4	5.74	46.03	54	-7.97	-	-	150	262	V
4	*** 2.38989	33.38	ADV	31.8	-24.4	5.74	46.52	54	-7.48	-	-	150	262	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

BANDEDGE (CHANNEL 9)

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	*** 2.4835	47.54	Pk	32.4	-24.3	0	55.64	-	-	74	-18.36	216	268	H
2	*** 2.48403	50.02	Pk	32.4	-24.3	0	58.12	-	-	74	-15.88	216	268	H
3	*** 2.4835	33.35	ADV	32.4	-24.3	5.74	47.19	54	-6.81	-	-	216	267	H
4	*** 2.4842	33.9	ADV	32.4	-24.3	5.74	47.74	54	-6.26	-	-	216	267	H

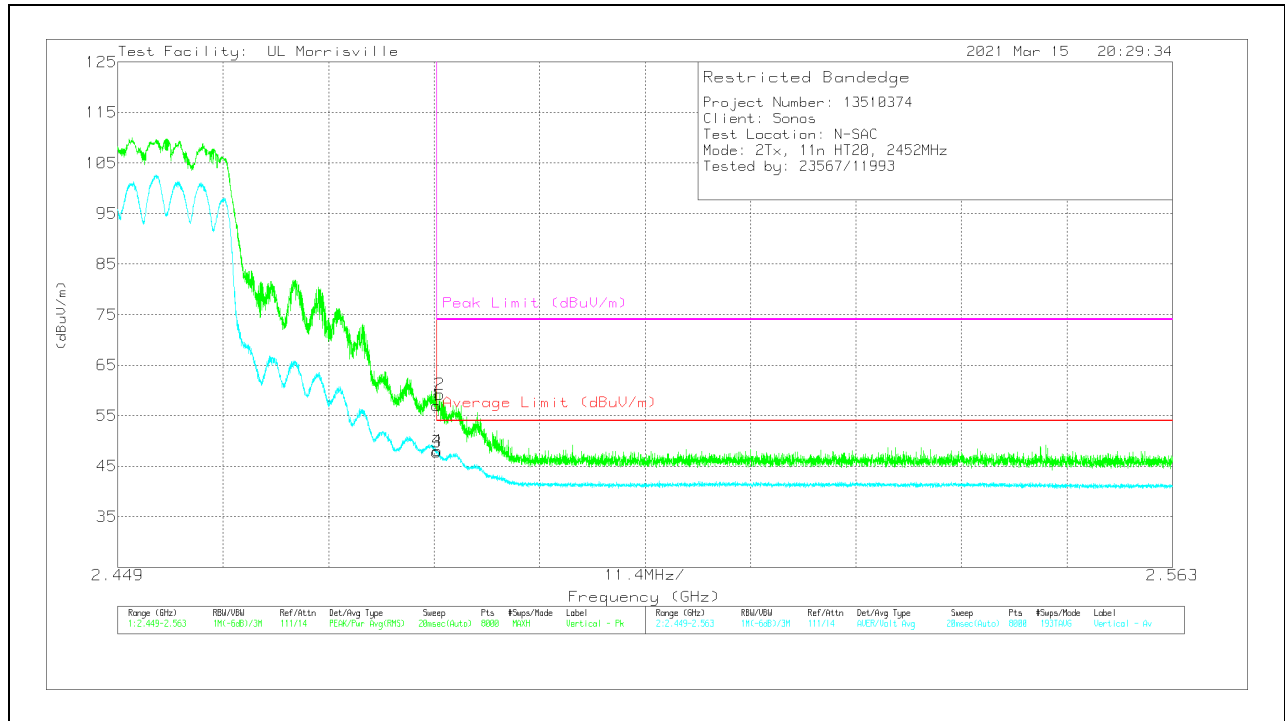
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

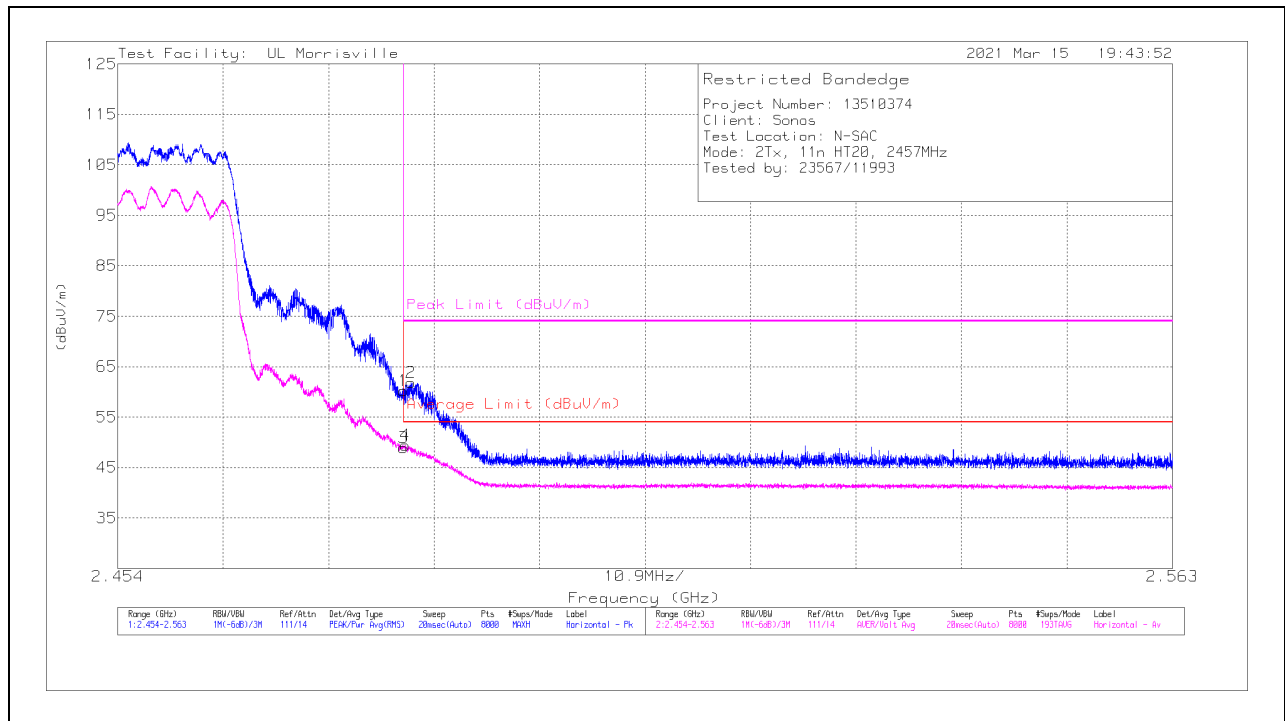


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	48.86	Pk	32.4	-24.3	0	56.96	-	-	74	-17.04	146	250	V
2	*** 2.48382	51.1	Pk	32.4	-24.3	0	59.2	-	-	74	-14.8	146	250	V
3	*** 2.4835	33.96	ADV	32.4	-24.3	5.74	47.8	54	-6.2	-	-	146	250	V
4	*** 2.48355	34.21	ADV	32.4	-24.3	5.74	48.05	54	-5.95	-	-	146	250	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

BANDEDGE (CHANNEL 10)

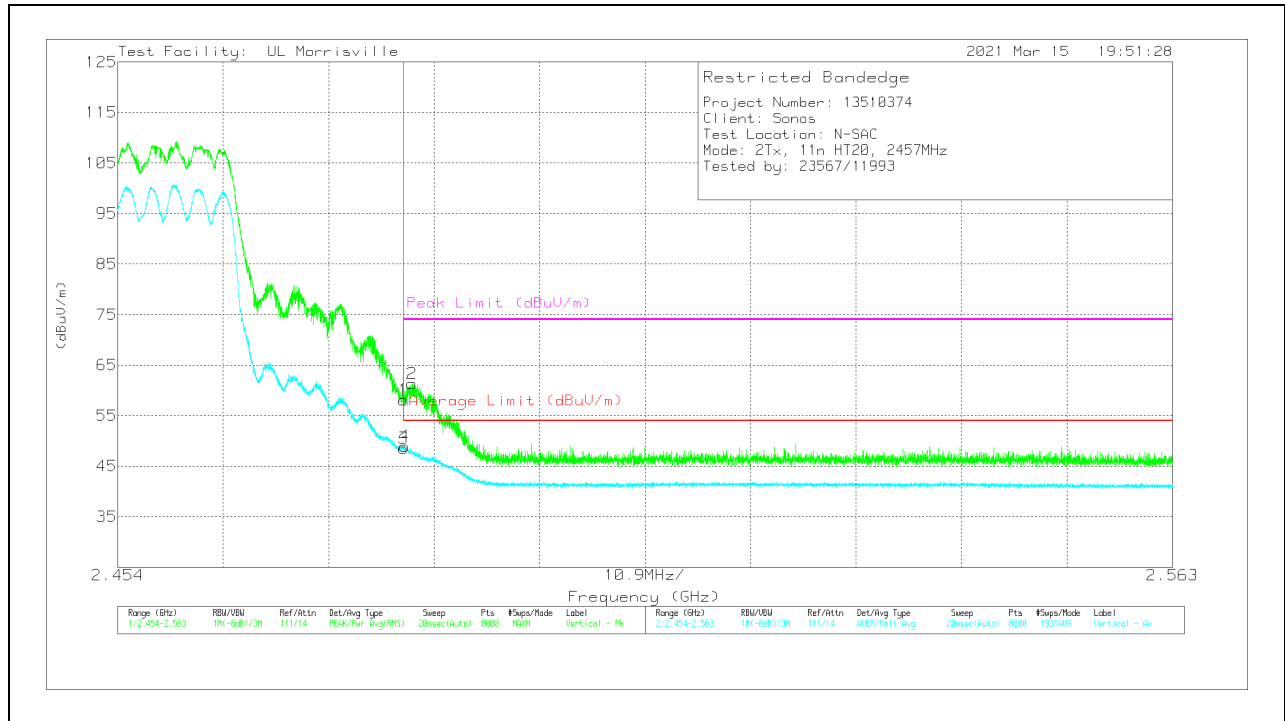
HORIZONTAL RESULT



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	*** 2.4835	52.11	Pk	32.4	-24.3	0	60.21	-	-	74	-13.79	215	260	H
2	*** 2.48433	53.75	Pk	32.4	-24.3	0	61.85	-	-	74	-12.15	215	260	H
3	*** 2.4835	35.06	ADV	32.4	-24.3	5.74	48.9	54	-5.1	-	-	215	260	H
4	*** 2.48371	35.58	ADV	32.4	-24.3	5.74	49.42	54	-4.58	-	-	215	260	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

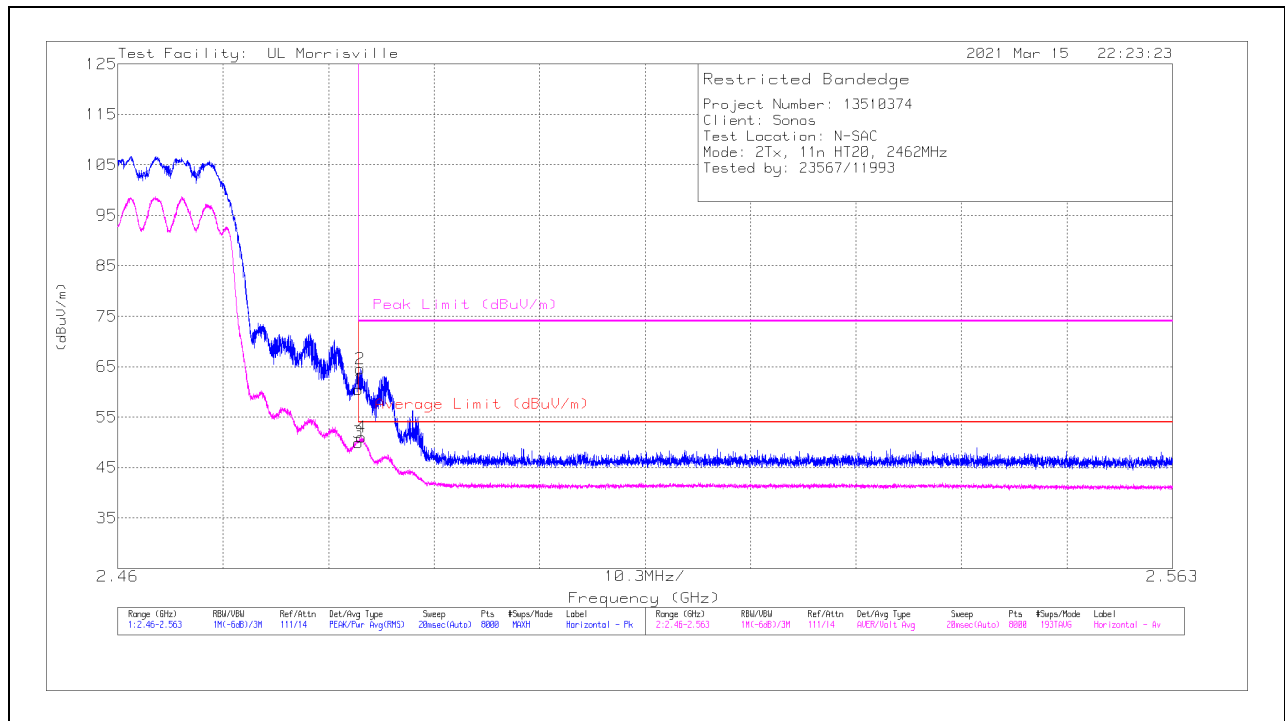


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	49.98	Pk	32.4	-24.3	0	58.08	-	-	74	-15.92	131	262	V
2	*** 2.4844	53.19	Pk	32.4	-24.3	0	61.29	-	-	74	-12.71	131	262	V
3	*** 2.4835	34.69	ADV	32.4	-24.3	5.74	48.53	54	-5.47	-	-	131	262	V
4	*** 2.48363	35.06	ADV	32.4	-24.3	5.74	48.9	54	-5.1	-	-	131	262	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

BANDEDGE (HIGH CHANNEL, CH 11)

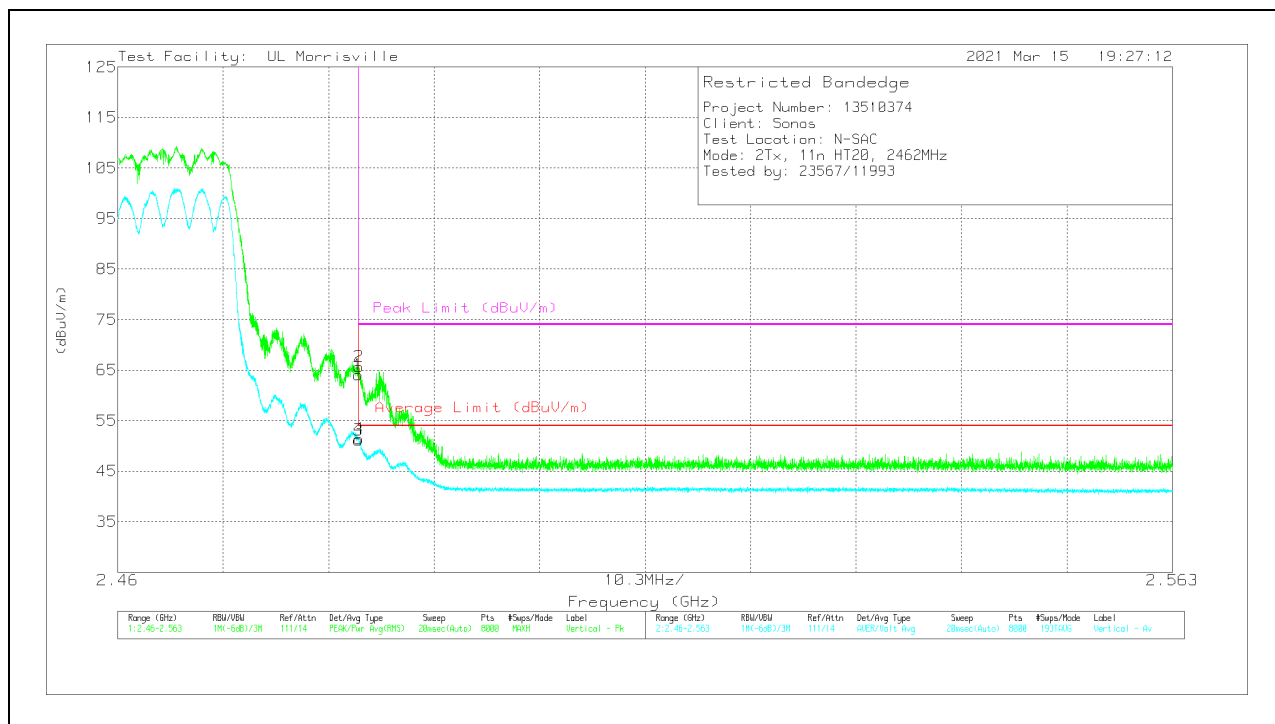
HORIZONTAL RESULT



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	*** 2.4835	52.33	Pk	32.4	-24.3	0	60.43	-	-	74	-13.57	82	278	H
2	*** 2.48371	56.45	Pk	32.4	-24.3	0	64.55	-	-	74	-9.45	82	278	H
3	*** 2.4835	36.14	ADV	32.4	-24.3	5.74	49.98	54	-4.02	-	-	82	278	H
4	*** 2.48381	37.24	ADV	32.4	-24.3	5.74	51.08	54	-2.92	-	-	82	278	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

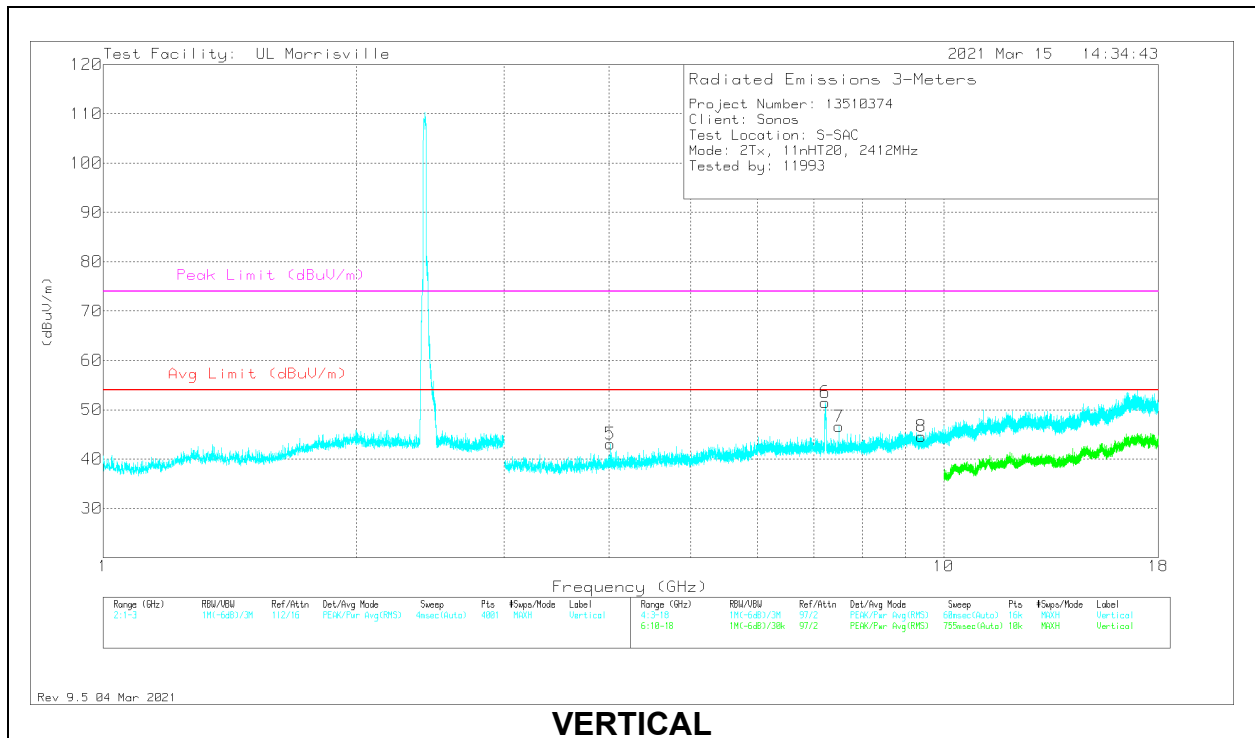
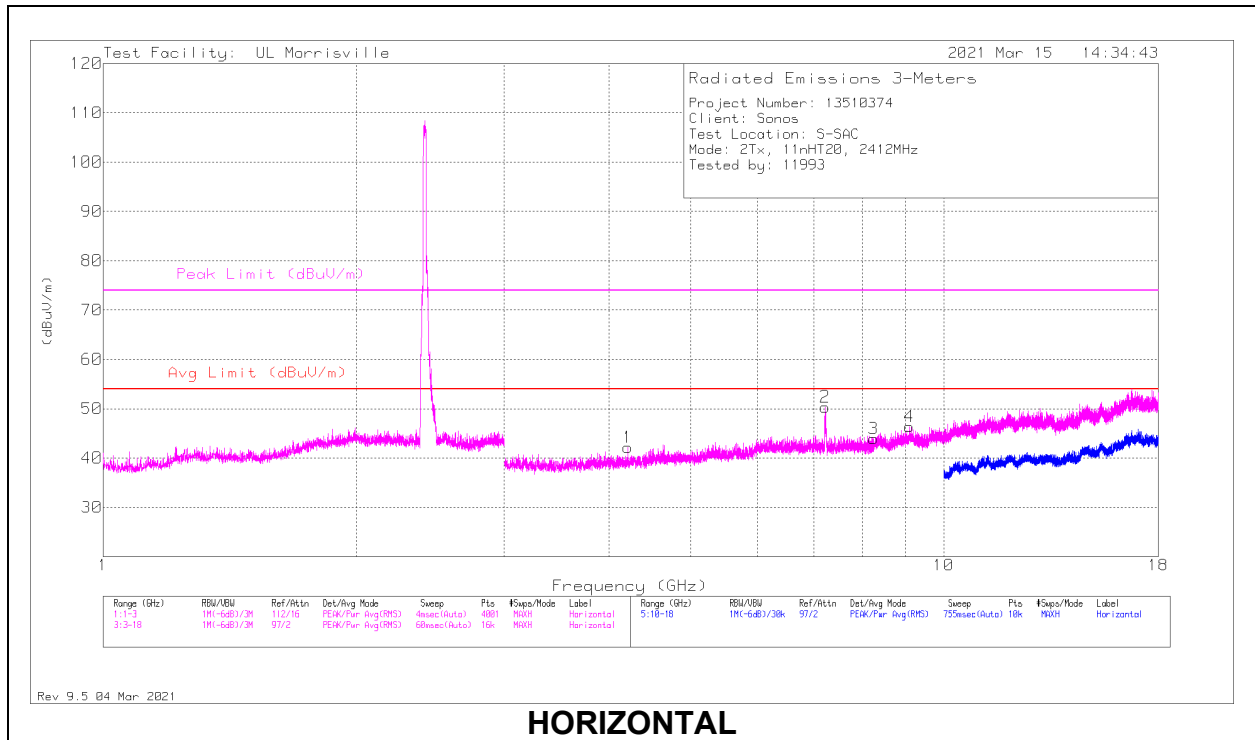


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0072 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	55.99	Pk	32.4	-24.3	0	64.09	-	-	74	-9.91	279	229	V
2	*** 2.48355	57.53	Pk	32.4	-24.3	0	65.63	-	-	74	-8.37	279	229	V
3	*** 2.4835	37.35	ADV	32.4	-24.3	5.74	51.19	54	-2.81	-	-	279	229	V
4	*** 2.48354	37.61	ADV	32.4	-24.3	5.74	51.45	54	-2.55	-	-	279	229	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

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

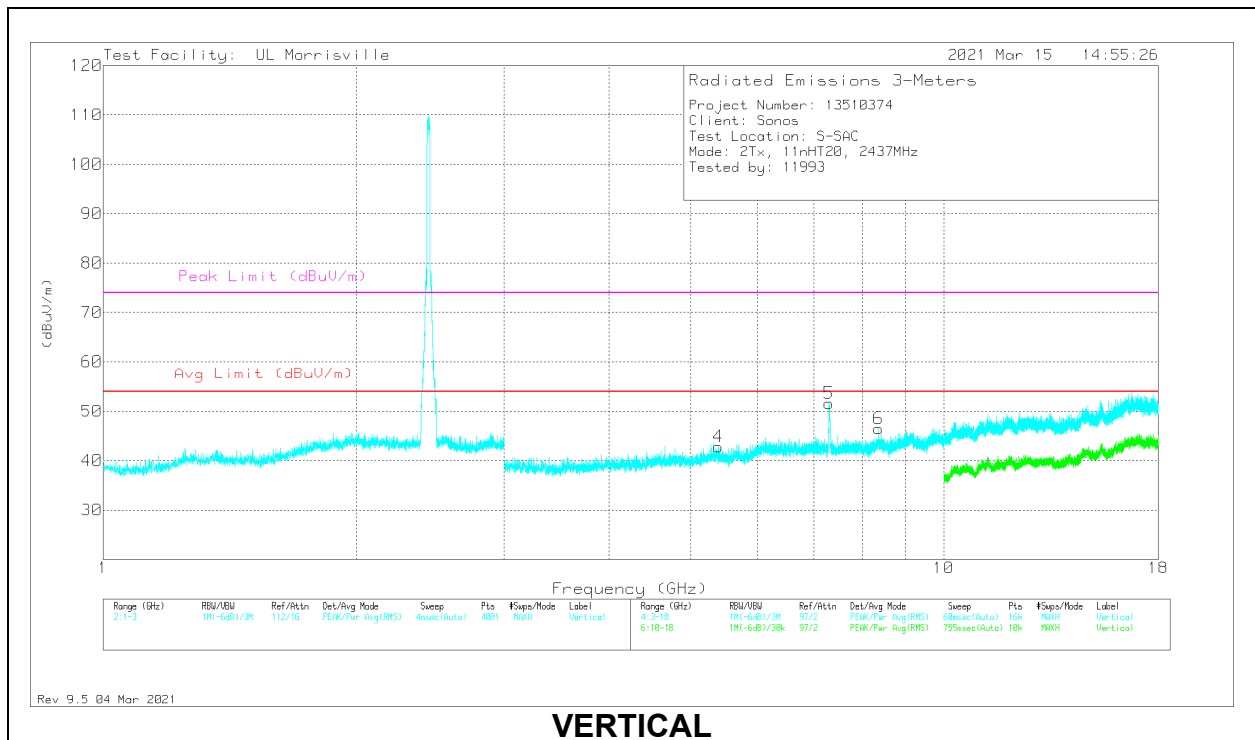
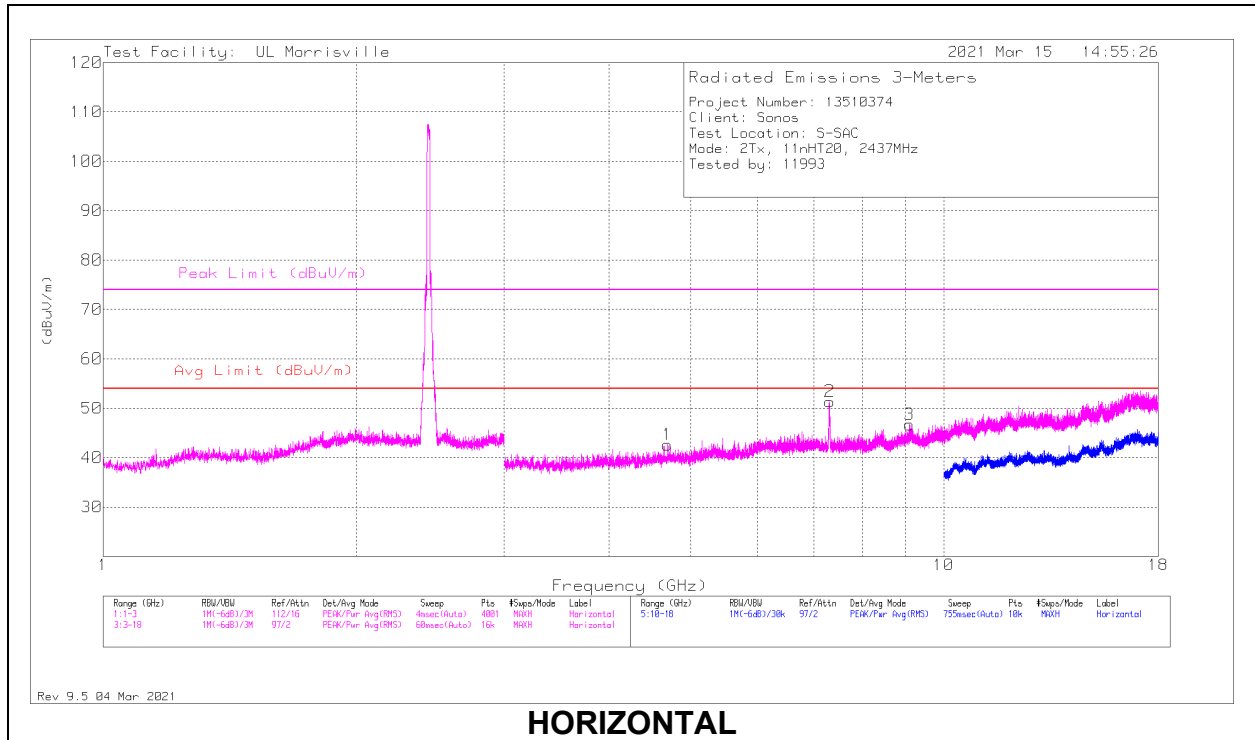
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.21125	39.94	Pk	33.4	-31.2	42.14	54	-11.86	74	-31.86	0-360	101	H
3	* ** 8.25188	35.61	Pk	35.8	-27.5	43.91	54	-10.09	74	-30.09	0-360	101	H
4	* ** 9.105	36.04	Pk	36.3	-26	46.34	54	-7.66	74	-27.66	0-360	200	H
5	* ** 4.01344	41.78	Pk	33.4	-32.1	43.08	54	-10.92	74	-30.92	0-360	101	V
7	* ** 7.50844	38.82	Pk	35.6	-27.8	46.62	54	-7.38	74	-27.38	0-360	200	V
8	* ** 9.40688	34.59	Pk	36.4	-26.4	44.59	54	-9.41	74	-29.41	0-360	200	V
6	7.22906	43.69	Pk	35.6	-27.8	51.49	-	-	-	-	0-360	101	V
2	7.23094	42.53	Pk	35.6	-27.8	50.33	-	-	-	-	0-360	200	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL, CH 6 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)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.69031	40.02	Pk	34.1	-31.5	0	42.62	54	-11.38	74	-31.38	0-360	101	H
2	*** 7.31911	46.38	PK2	35.6	-27.4	0	54.58	-	-	74	-19.42	329	302	H
	*** 7.31955	28.32	ADV	35.6	-27.4	5.74	42.26	54	-11.74	-	-	329	302	H
3	*** 9.09844	36.41	Pk	36.3	-26	0	46.71	54	-7.29	74	-27.29	0-360	200	H
4	*** 5.39625	38.1	Pk	34.5	-29.8	0	42.8	54	-11.2	74	-31.2	0-360	101	V
5	*** 7.3048	48.32	PK2	35.6	-27.5	0	56.42	-	-	74	-17.58	266	226	V
	*** 7.30501	31.68	ADV	35.6	-27.5	5.74	45.52	54	-8.48	-	-	266	226	V
6	*** 8.36906	37.81	Pk	35.8	-27.1	0	46.51	54	-7.49	74	-27.49	0-360	101	V

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

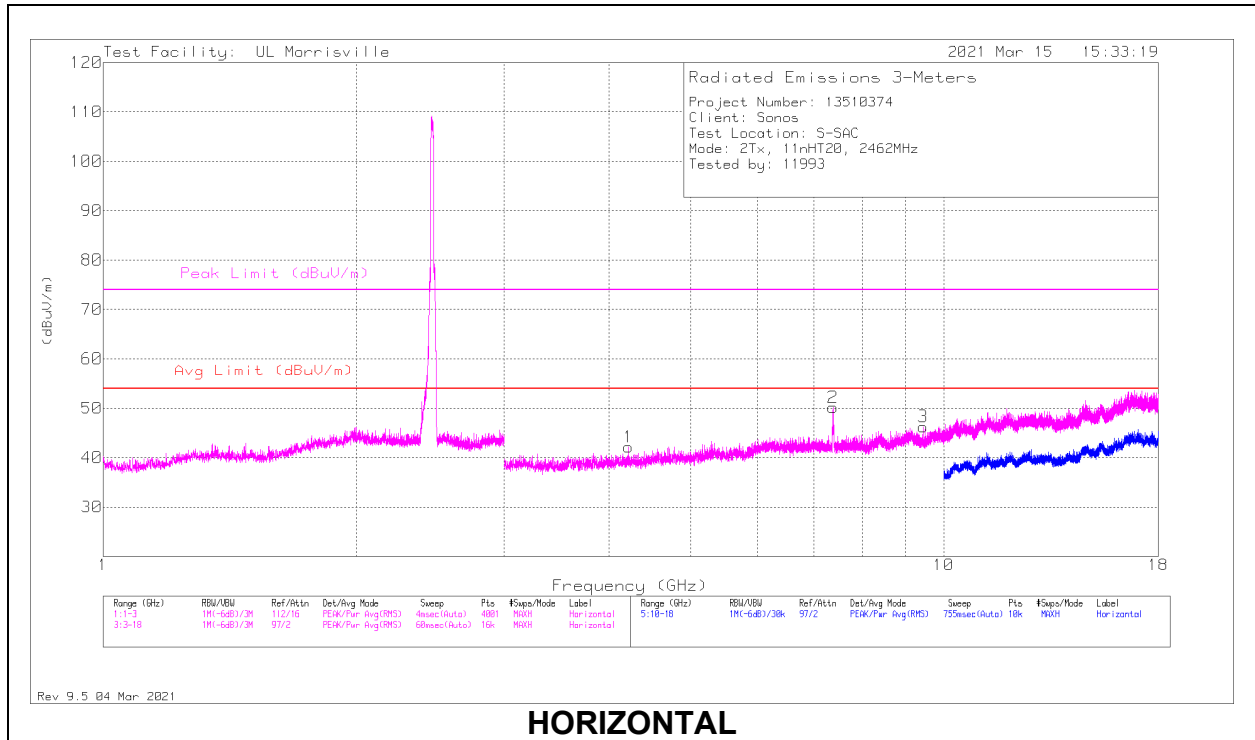
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

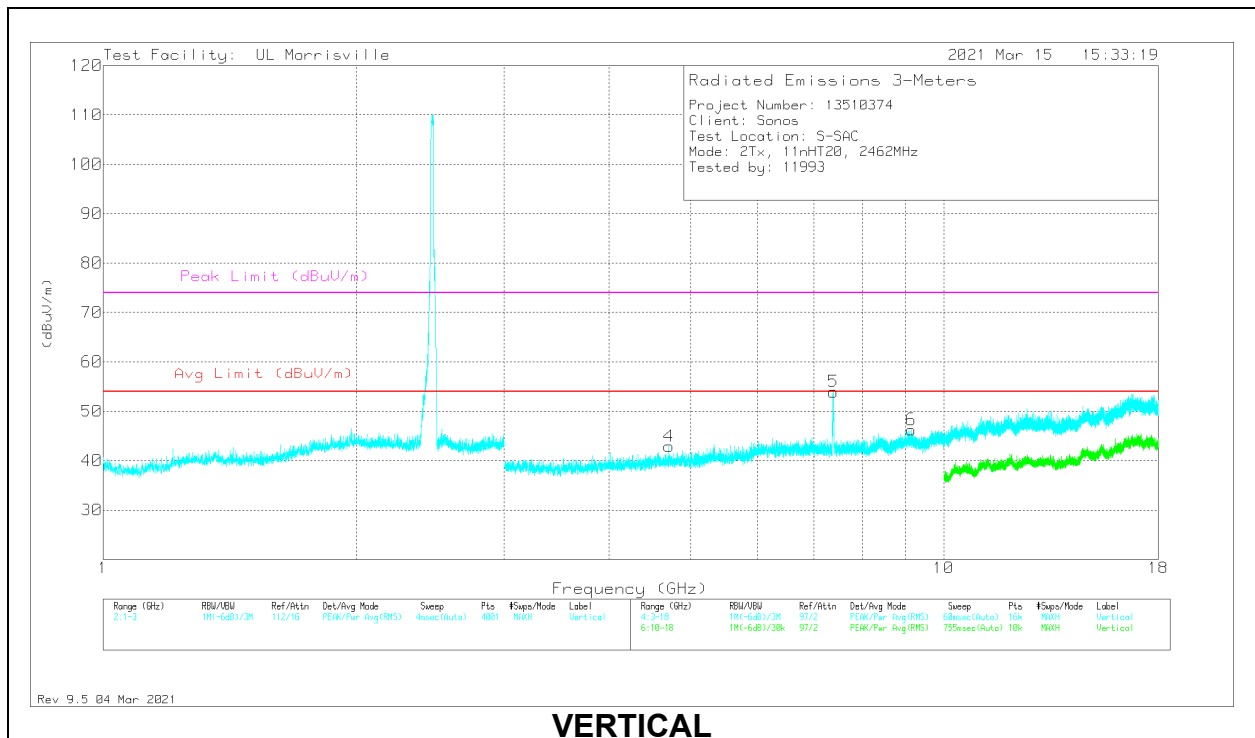
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

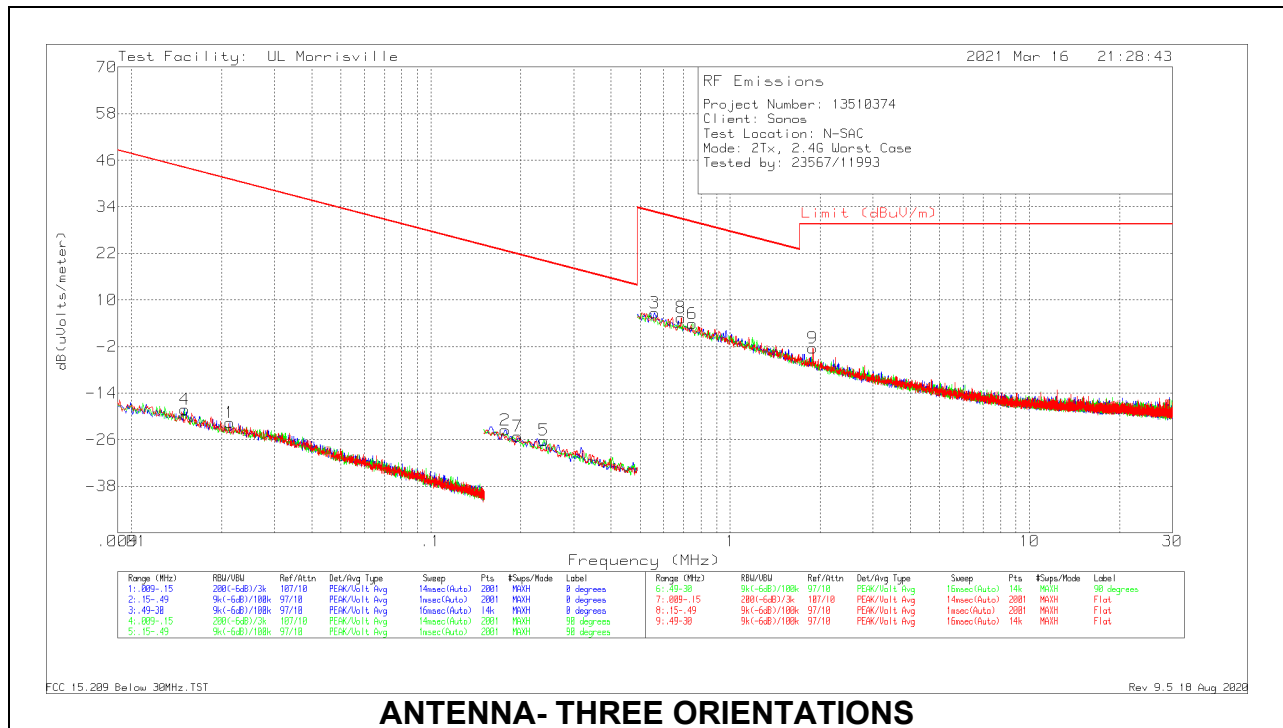
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0067 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.21781	39.94	Pk	33.4	-31.2	0	42.14	54	-11.86	74	-31.86	0-360	200	H
2	*** 7.38364	46.5	PK2	35.6	-27.5	0	54.6	-	-	74	-19.4	332	288	H
	*** 7.3835	29.54	ADV	35.6	-27.5	5.74	43.38	54	-10.62	-	-	332	288	H
3	*** 9.45563	36.34	Pk	36.4	-26.5	0	46.24	54	-7.76	74	-27.76	0-360	200	H
4	*** 4.71094	40.6	Pk	34.1	-31.8	0	42.9	54	-11.1	74	-31.1	0-360	101	V
5	*** 7.3865	48.68	PK2	35.6	-27.5	0	56.78	-	-	74	-17.22	259	220	V
	*** 7.38416	32.7	ADV	35.6	-27.5	5.74	46.54	54	-7.46	-	-	259	220	V
6	*** 9.15047	36.05	Pk	36.3	-26.1	0	46.25	54	-7.75	74	-27.75	0-360	199	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 PK2 - KDB558074 Method: Maximum Peak
 ADV - Linear Voltage Average

10.2. WORST CASE BELOW 30MHZ

Note: 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).

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



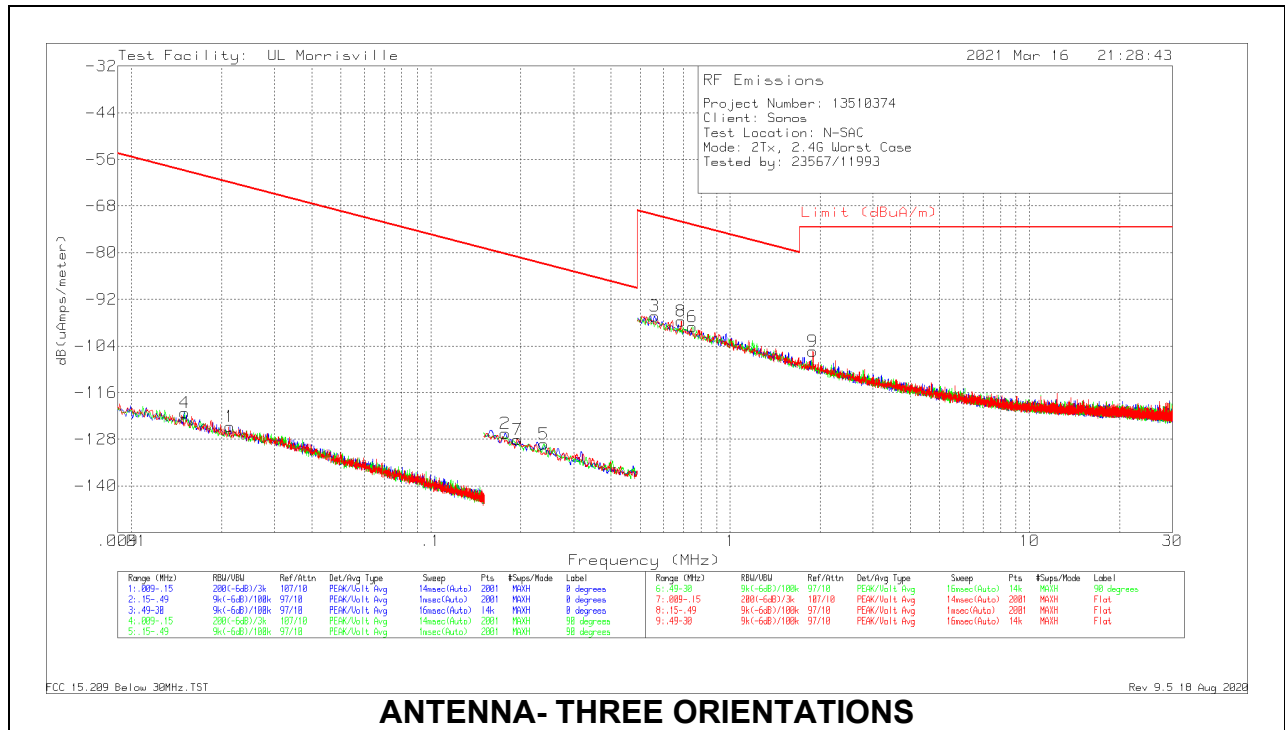
ANTENNA- THREE ORIENTATIONS

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	FCC 15.209 Qp/Avg Limit (dBuV/m)	FCC 15.209 Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
4	.01504	45.88	Pk	15.8	.1	-80	-18.22	44.06	64.06	-62.28	0-360
1	.02128	44.63	Pk	13.6	.1	-80	-21.67	41.04	61.04	-62.71	0-360
2	.17729	45.59	Pk	10.8	.1	-80	-23.51	22.63	42.63	-46.14	0-360
7	.1948	43.95	Pk	10.8	.1	-80	-25.15	21.81	41.81	-46.96	0-360
5	.23883	42.9	Pk	10.8	.1	-80	-26.2	20.04	40.04	-46.24	0-360
3	.55956	35.63	Pk	10.8	.2	-40	6.63	32.65	-	-26.02	0-360
8	.68604	34.42	Pk	10.8	.2	-40	5.42	30.88	-	-25.46	0-360
6	.74718	32.91	Pk	10.8	.2	-40	3.91	30.14	-	-26.23	0-360
9	1.88971	26.18	Pk	11.1	.3	-40	-2.42	29.54	-	-31.96	0-360

Pk - Peak detector

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



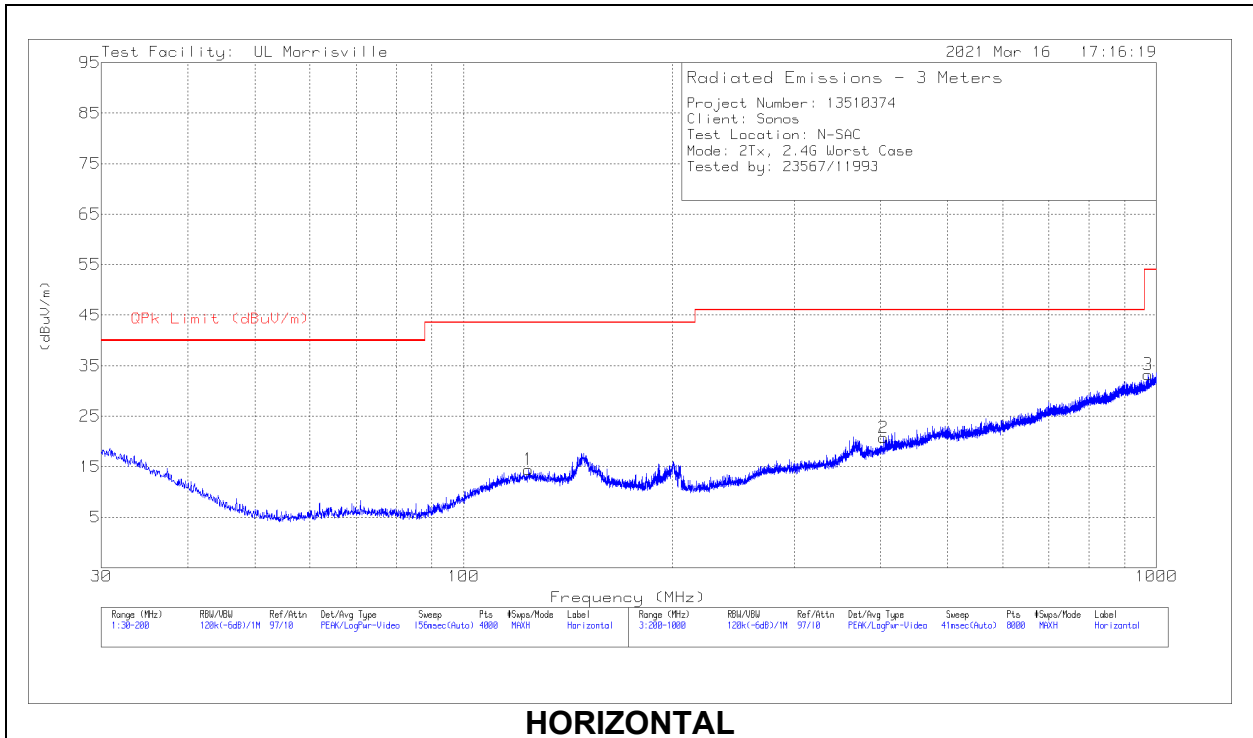
ANTENNA- THREE ORIENTATIONS

Below 30MHz Data

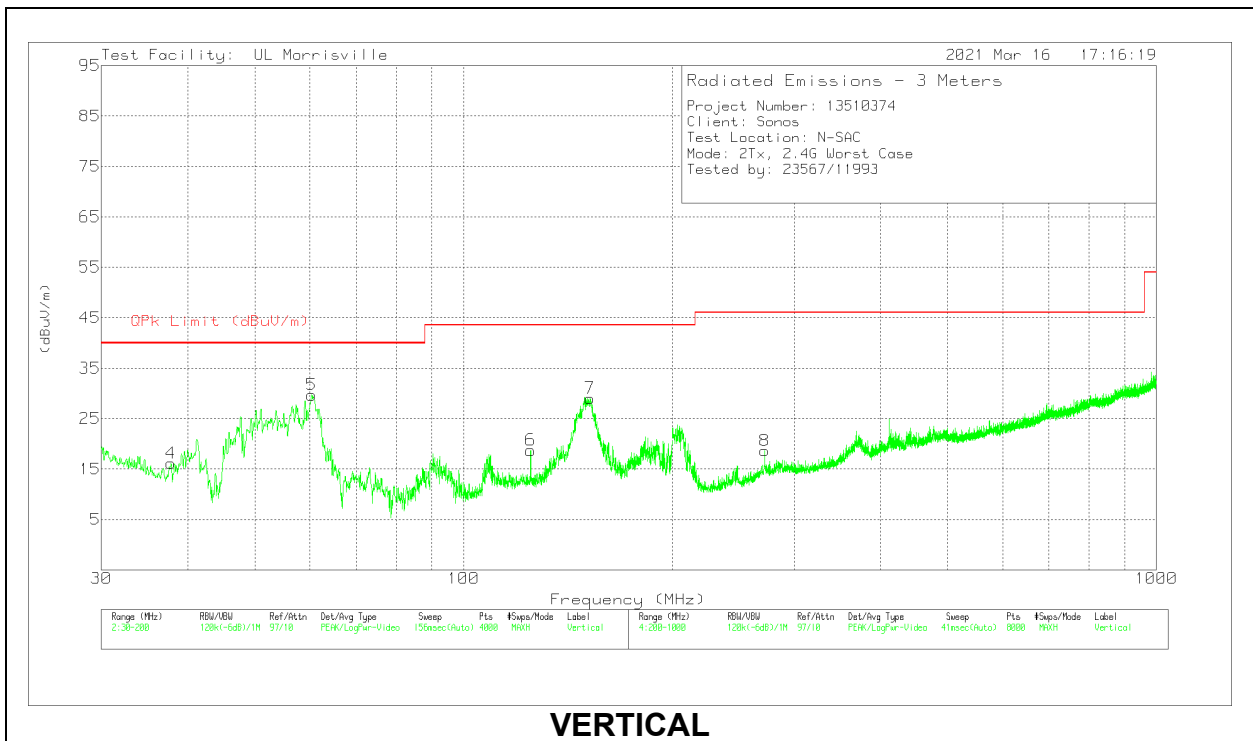
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0079 (dB/m)	Cbl (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	FCC 15.209 Qp/Avg Limit (dBuA/m)	FCC 15.209 Pk Limit	Margin (dB)	Azimuth (Degs)
4	.01504	45.88	Pk	-87.2	.1	-80	-121.22	-58.94	-38.94	-62.28	0-360
1	.02128	44.63	Pk	-89.4	.1	-80	-124.67	-61.96	-41.96	-62.71	0-360
2	.17729	45.59	Pk	-92.2	.1	-80	-126.51	-80.37	-60.37	-46.14	0-360
7	.1948	43.95	Pk	-92.2	.1	-80	-128.15	-81.19	-61.19	-46.96	0-360
5	.23883	42.9	Pk	-92.2	.1	-80	-129.2	-82.96	-62.96	-46.24	0-360
3	.55956	35.63	Pk	-92.2	.2	-40	-96.37	-70.35	-	-26.02	0-360
8	.68604	34.42	Pk	-92.2	.2	-40	-97.58	-72.12	-	-25.46	0-360
6	.74718	32.91	Pk	-92.2	.2	-40	-99.09	-72.86	-	-26.23	0-360
9	1.88971	26.18	Pk	-91.9	.3	-40	-105.42	-73.46	-	-31.96	0-360

Pk - Peak detector

10.3. WORST CASE BELOW 1 GHZ



HORIZONTAL



VERTICAL

Below 1GHz DATA

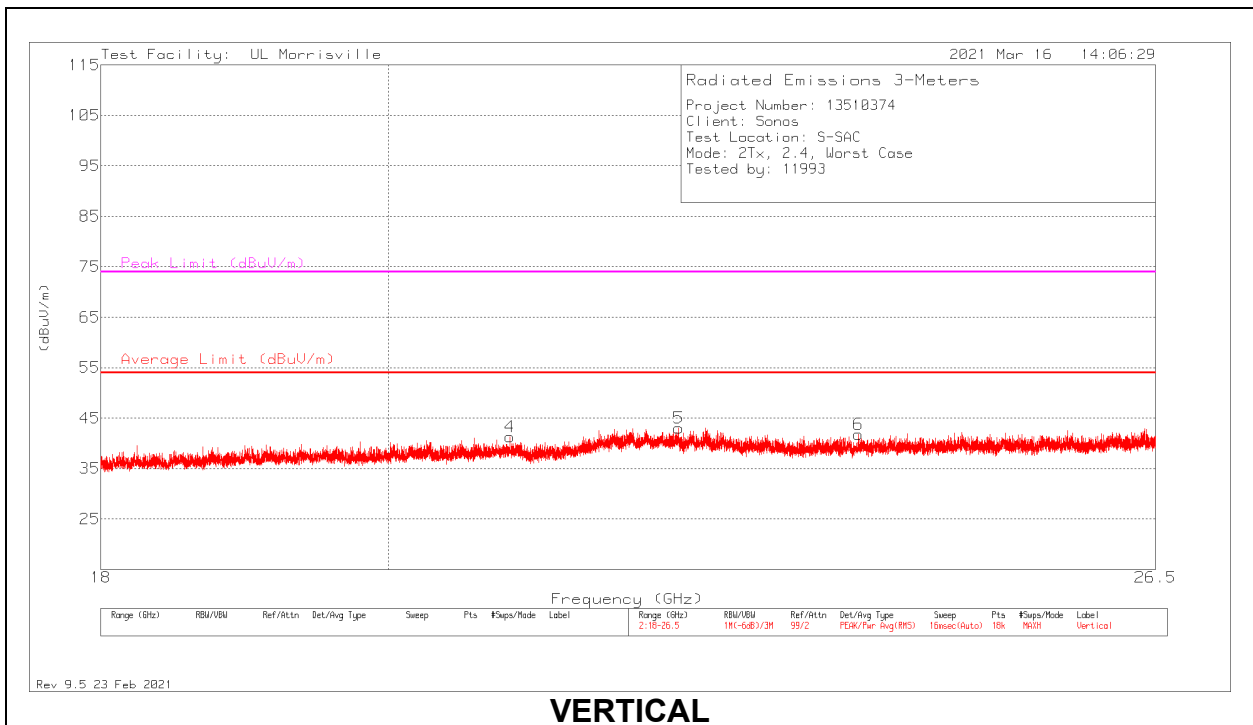
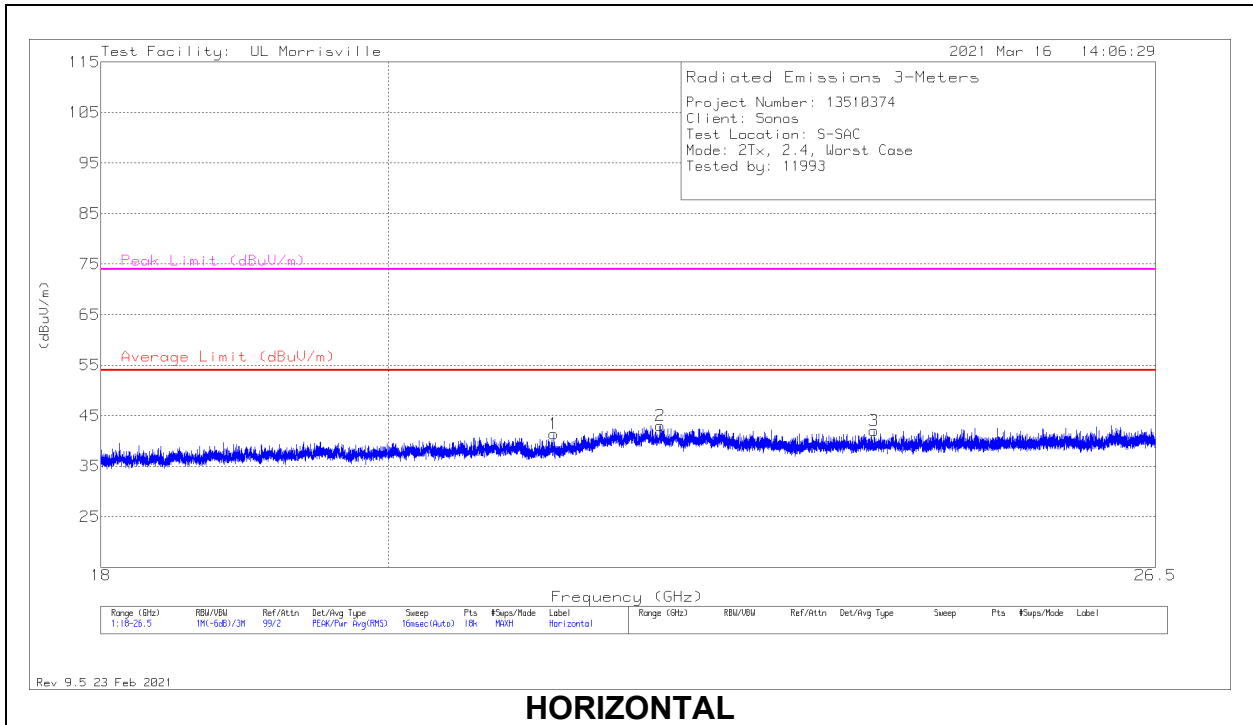
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0074 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 124.0768	24.55	Pk	20	-30.1	14.45	43.52	-29.07	0-360	400	H
4	* ** 37.822	26.13	Pk	21.3	-31.3	16.13	40	-23.87	0-360	100	V
6	* ** 125.0121	28.82	Pk	20	-30.1	18.72	43.52	-24.8	0-360	100	V
2	* ** 403.6265	26.64	Pk	21.9	-27.8	20.74	46.02	-25.28	0-360	300	H
3	* ** 973.4505	28.04	Pk	29	-23.8	33.24	53.97	-20.73	0-360	199	H
8	* ** 272.1094	28.13	Pk	19.3	-28.8	18.63	46.02	-27.39	0-360	199	V
5	60.3954	47.08	Pk	13.5	-30.9	29.68	-	-	0-360	100	V
7	152.2191	40.32	Pk	18.6	-29.9	29.02	-	-	0-360	100	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - 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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 21.25521	46.43	Pk	34.4	-39.4	41.43	54	-12.57	74	-32.57	0-360	101	H
2	* ** 22.09911	45.43	Pk	36.7	-39.1	43.03	54	-10.97	74	-30.97	0-360	101	H
3	* ** 23.90074	45.66	Pk	34.9	-38.5	42.06	54	-11.94	74	-31.94	0-360	150	H
4	* ** 20.91235	46.32	Pk	34.1	-39.1	41.32	54	-12.68	74	-32.68	0-360	101	V
5	* ** 22.25023	45.47	Pk	36.6	-39	43.07	54	-10.93	74	-30.93	0-360	250	V
6	* ** 23.76426	45.53	Pk	34.8	-38.6	41.73	54	-12.27	74	-32.27	0-360	250	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

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

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

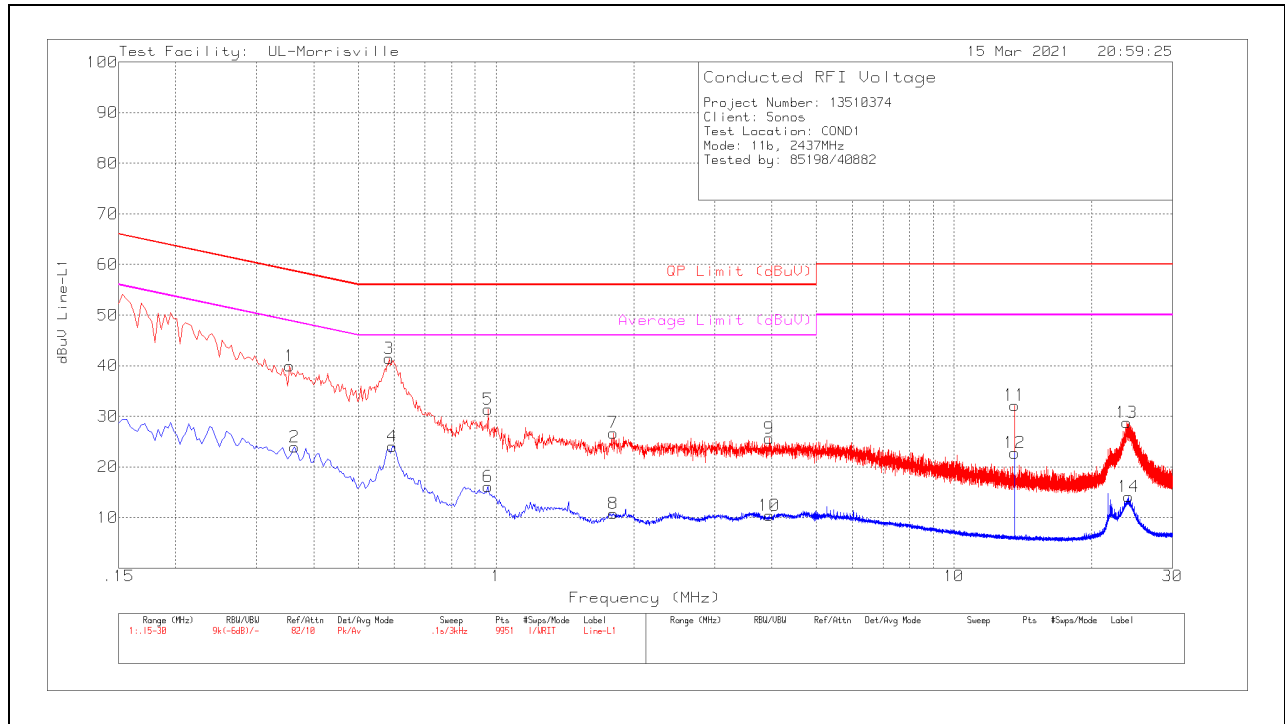
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

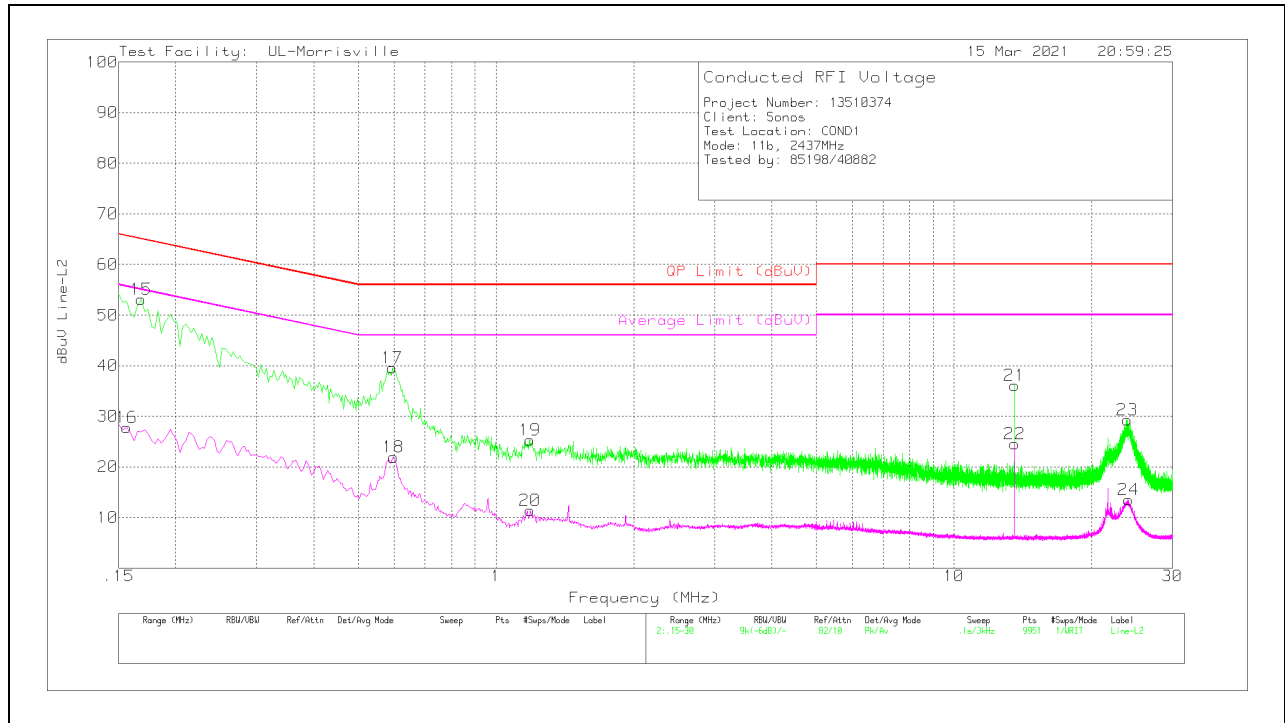
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbi/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.354	30.13	Pk	.1	9.7	39.93	58.87	-18.94	-	-
2	.363	14.07	Av	.1	9.7	23.87	-	-	48.66	-24.79
3	.585	31.65	Pk	0	9.8	41.45	56	-14.55	-	-
4	.594	14.24	Av	0	9.8	24.04	-	-	46	-21.96
5	.96	21.57	Pk	0	9.8	31.37	56	-24.63	-	-
6	.96	6.34	Av	0	9.8	16.14	-	-	46	-29.86
7	1.806	16.92	Pk	0	9.8	26.72	56	-29.28	-	-
8	1.803	.98	Av	0	9.8	10.78	-	-	46	-35.22
9	3.945	15.71	Pk	0	9.9	25.61	56	-30.39	-	-
10	3.945	.52	Av	0	9.9	10.42	-	-	46	-35.58
11	13.56	22.08	Pk	.1	10	32.18	60	-27.82	-	-
12	13.56	12.65	Av	.1	10	22.75	-	-	50	-27.25
13	23.808	18.52	Pk	.2	10.1	28.82	60	-31.18	-	-
14	24.039	3.7	Av	.2	10.2	14.1	-	-	50	-35.9

Pk - Peak detector
 Av - Average detection

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)
15	.168	43.22	Pk	.2	9.7	53.12	65.06	-11.94	-	-
16	.156	17.91	Av	.2	9.7	27.81	-	-	55.67	-27.86
17	.594	29.75	Pk	0	9.8	39.55	56	-16.45	-	-
18	.597	12.08	Av	0	9.8	21.88	-	-	46	-24.12
19	1.188	15.52	Pk	0	9.8	25.32	56	-30.68	-	-
20	1.188	1.58	Av	0	9.8	11.38	-	-	46	-34.62
21	13.563	26.05	Pk	.1	10	36.15	60	-23.85	-	-
22	13.56	14.48	Av	.1	10	24.58	-	-	50	-25.42
23	23.916	18.88	Pk	.2	10.2	29.28	60	-30.72	-	-
24	24.087	3.1	Av	.2	10.2	13.5	-	-	50	-36.5

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R13510374-EP1 for setup photos

END OF TEST REPORT