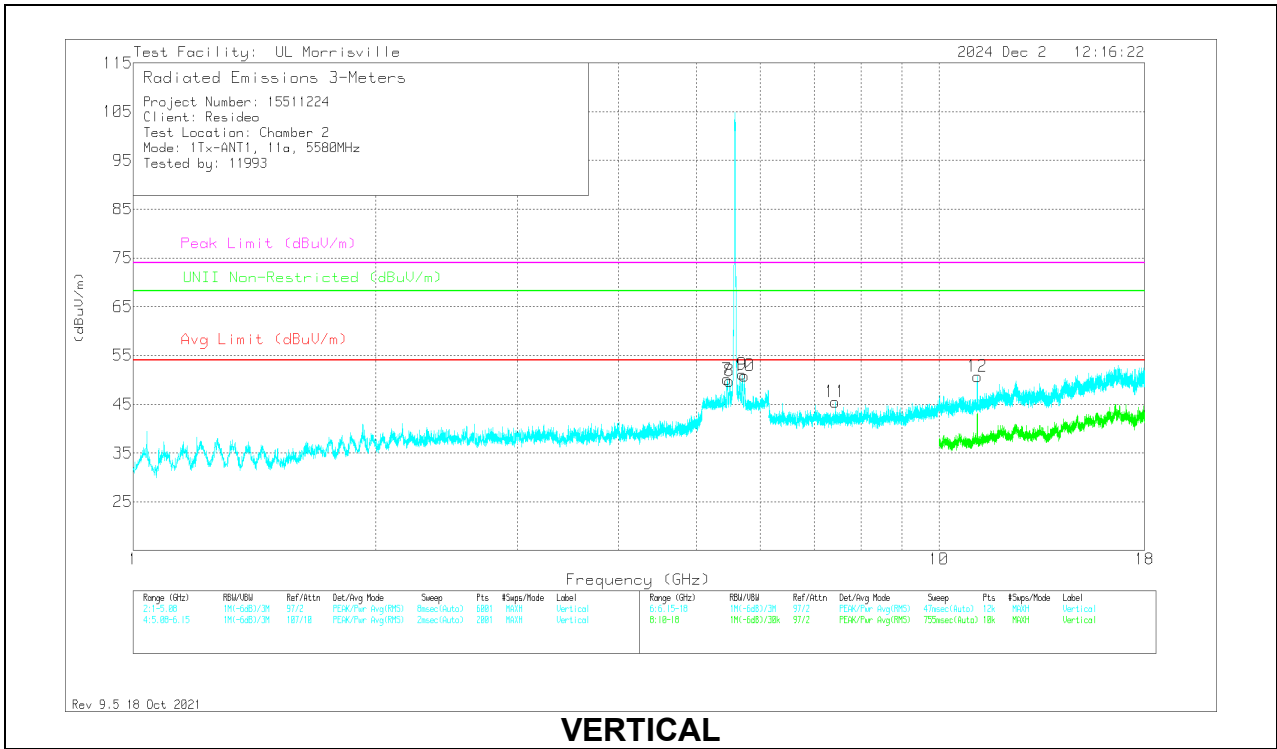
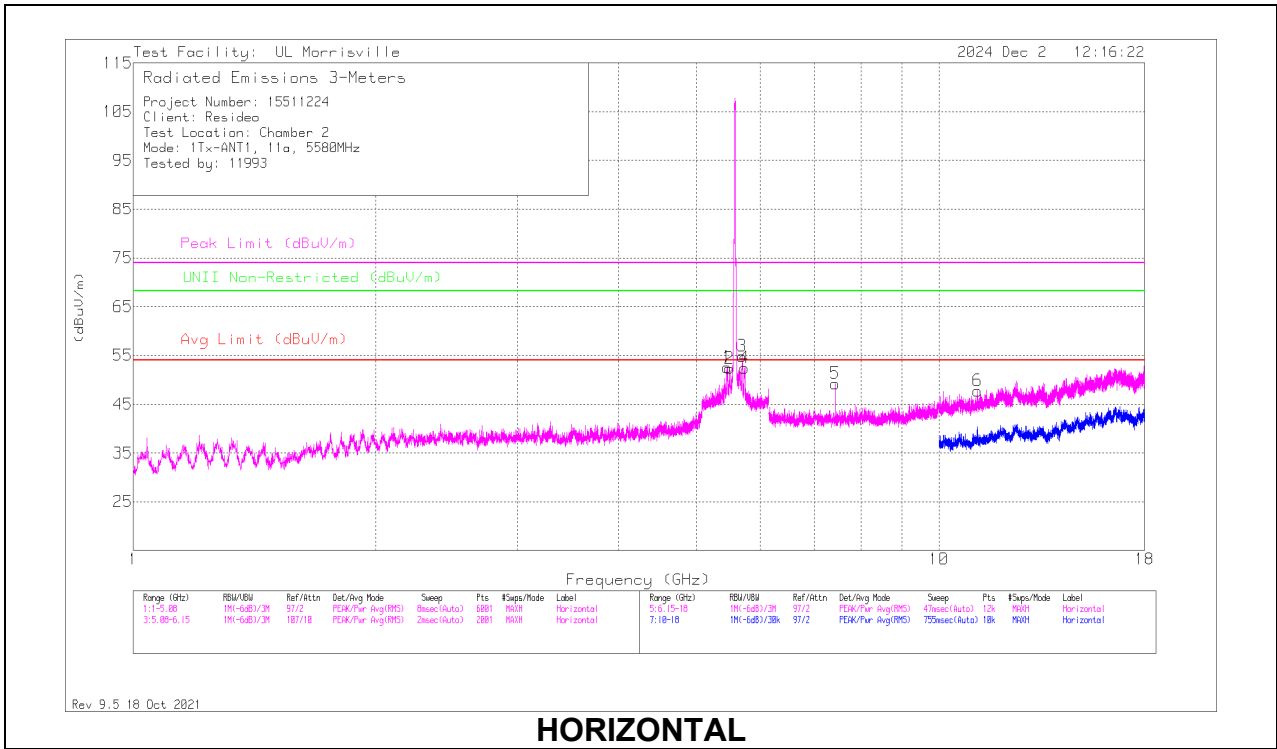


MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 5.45668	42.65	PK-U	34.5	-23.3	0	53.85	-	-	74	-20.15	-	-	329	103	H
	*** 5.45648	30.98	ADV	34.5	-23.3	.53	42.71	54	-11.29	-	-	-	-	329	103	H
7	*** 5.45442	40.43	PK-U	34.5	-23.2	0	51.73	-	-	74	-22.27	-	-	327	103	V
	*** 5.45459	28.62	ADV	34.5	-23.2	.53	40.45	54	-13.55	-	-	-	-	327	103	V
5	*** 7.43998	58.13	PK-U	35.6	-41.6	0	52.13	-	-	74	-21.87	-	-	353	104	H
	*** 7.43995	54.13	ADV	35.6	-41.6	.53	48.66	54	-5.34	-	-	-	-	353	104	H
6	*** 11.16058	49.9	Pk	37.8	-39.9	0	47.8	54	-6.2	74	-26.2	-	-	0-360	101	H
11	*** 7.43968	51.47	Pk	35.6	-41.6	0	45.47	54	-8.53	74	-28.53	-	-	0-360	200	V
12	*** 11.16048	57.86	PK-U	37.8	-39.9	0	55.76	-	-	74	-18.24	-	-	359	109	V
	*** 11.16044	44.58	ADV	37.8	-39.9	.53	43.01	54	-10.99	-	-	-	-	359	109	V
2	5.49302	41.17	Pk	34.5	-23.3	0	-	-	-	-	-	68.2	-15.83	0-360	101	H
8	5.49837	38.55	Pk	34.5	-23.3	0	-	-	-	-	-	68.2	-18.45	0-360	101	V
3	5.69472	43.19	Pk	34.6	-22.9	0	-	-	-	-	-	68.2	-13.31	0-360	101	H
9	5.69472	39.46	Pk	34.6	-22.9	0	-	-	-	-	-	68.2	-17.04	0-360	101	V
10	5.73431	38.92	Pk	34.7	-22.8	0	-	-	-	-	-	68.2	-17.38	0-360	101	V
4	5.73564	40.69	Pk	34.7	-22.9	0	-	-	-	-	-	68.2	-15.71	0-360	101	H

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

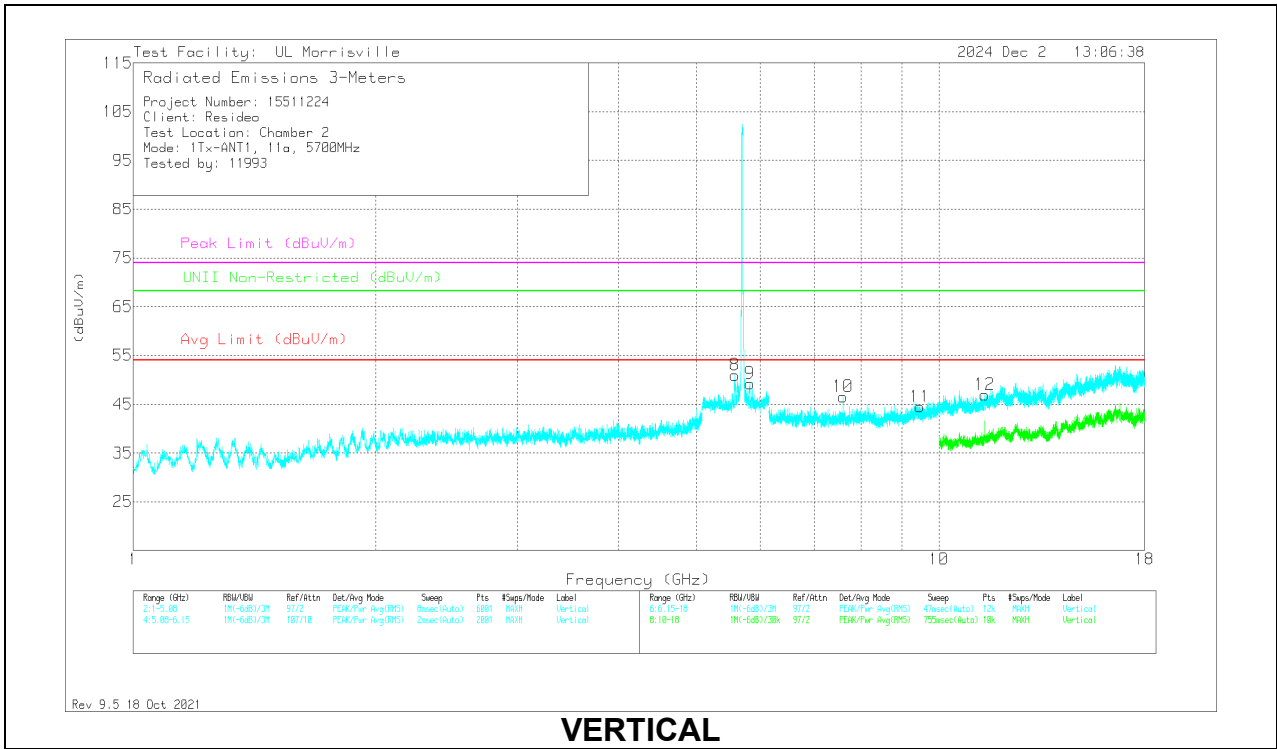
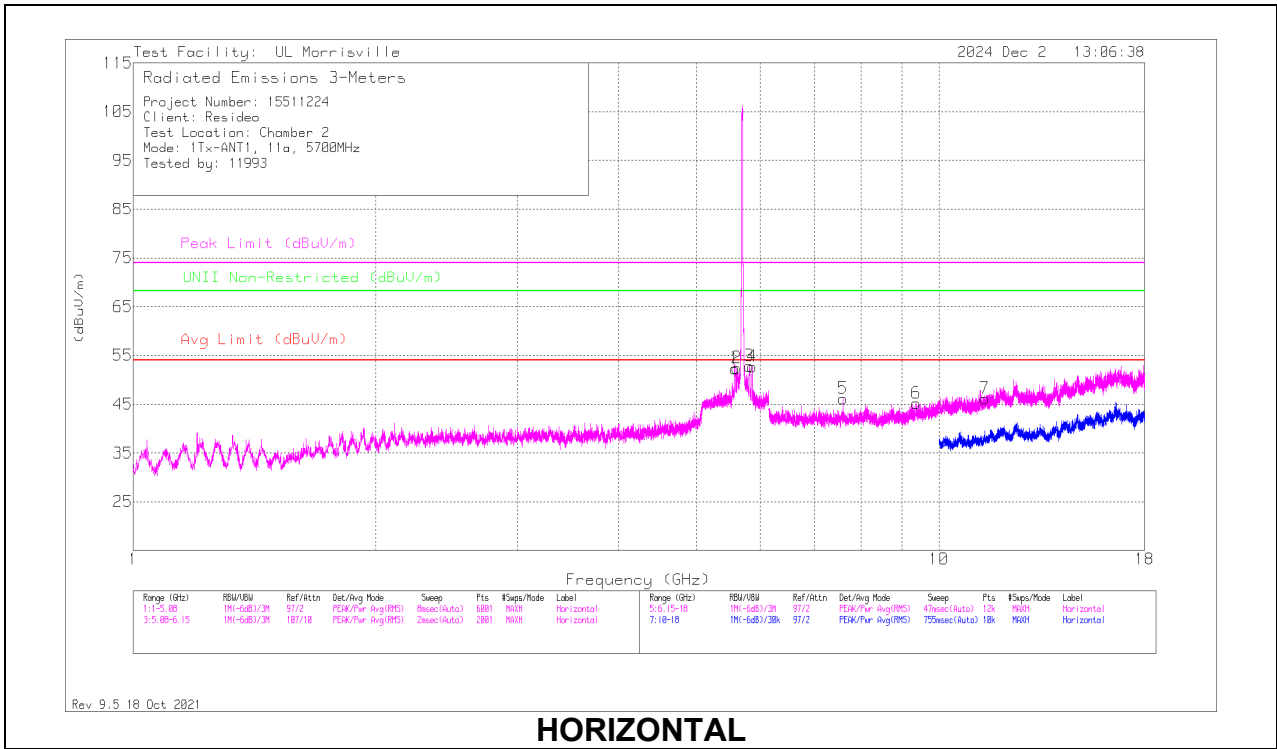
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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
5	*** 7.59965	52.18	Pk	35.6	-41.6	46.18	54	-7.82	74	-27.82	-	-	0-360	101	H
6	** 9.37715	49.21	Pk	36.2	-40.2	45.21	54	-8.79	74	-28.79	-	-	0-360	200	H
7	*** 11.40054	47.77	Pk	37.9	-39.5	46.17	54	-7.83	74	-27.83	-	-	0-360	101	H
10	** 7.59965	52.56	Pk	35.6	-41.6	46.56	54	-7.44	74	-27.44	-	-	0-360	101	V
11	*** 9.47689	48.38	Pk	36.4	-40.3	44.48	54	-9.52	74	-29.52	-	-	0-360	200	V
12	*** 11.39856	48.5	Pk	37.9	-39.5	46.9	54	-7.1	74	-27.1	-	-	0-360	101	V
1	5.5813	40.44	Pk	34.6	-22.8	52.24	-	-	-	-	68.2	-15.96	0-360	101	H
8	5.5829	39.16	Pk	34.6	-22.8	50.96	-	-	-	-	68.2	-17.24	0-360	101	V
2	5.61393	41.04	Pk	34.6	-23.2	52.44	-	-	-	-	68.2	-15.76	0-360	101	H
3	5.81616	40.95	Pk	34.8	-22.9	52.85	-	-	-	-	68.2	-15.35	0-360	101	H
9	5.82526	37.64	Pk	34.9	-23.3	49.24	-	-	-	-	68.2	-18.96	0-360	101	V
4	5.86324	40.65	Pk	34.9	-22.8	52.75	-	-	-	-	68.2	-15.45	0-360	101	H

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

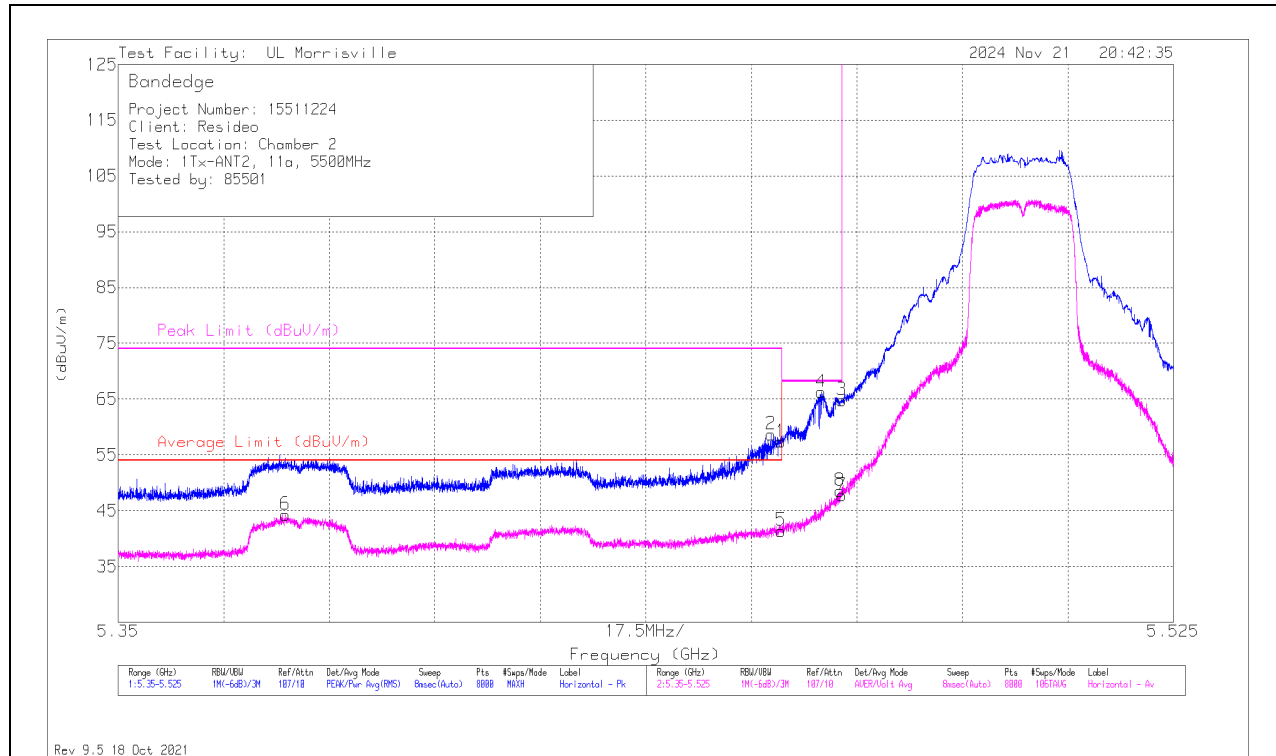
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

1TX Antenna 2 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	46.35	Pk	34.5	-23.5	0	57.35	-	-	74	-16.65	302	101	H
2	* ** 5.4583	47.6	Pk	34.5	-23.4	0	58.7	-	-	74	-15.3	302	101	H
5	* ** 5.45998	29.83	ADV	34.5	-23.5	.53	41.36	54	-12.64	-	-	302	101	H
6	* ** 5.37768	32.11	ADV	34.4	-22.8	.53	44.24	54	-9.76	-	-	302	101	H
4	5.46654	55.34	Pk	34.5	-23.6	0	66.24	-	-	68.2	-1.96	302	101	H
8	5.46969	37.01	ADV	34.5	-23.5	.53	48.54	-	-	-	-	302	101	H
3	5.46998	53.77	Pk	34.5	-23.5	0	64.77	-	-	68.2	-3.43	302	101	H
7	5.46998	36.19	ADV	34.5	-23.5	.53	47.72	-	-	-	-	302	101	H

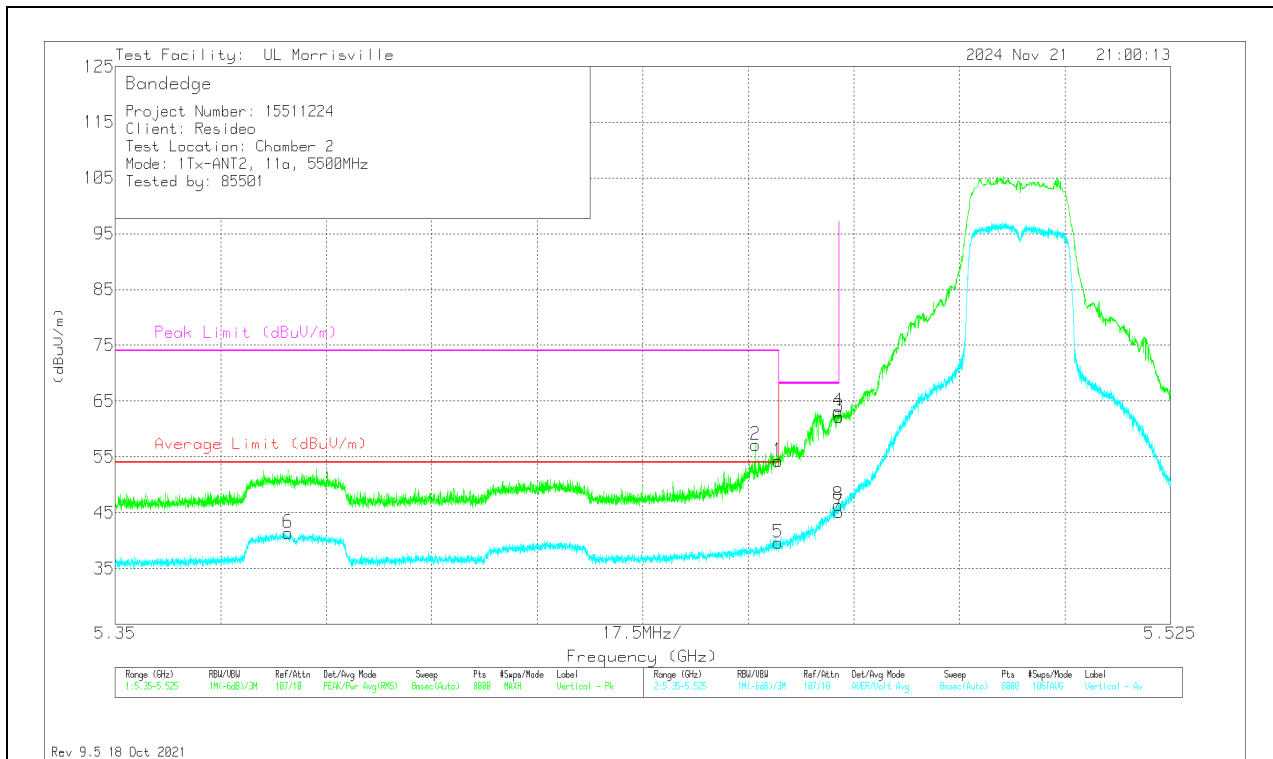
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	43.32	Pk	34.5	-23.5	0	54.32	-	-	74	-19.68	251	113	V
2	*** 5.45622	45.94	Pk	34.5	-23.3	0	57.14	-	-	74	-16.86	251	113	V
5	*** 5.45998	28.13	ADV	34.5	-23.5	.53	39.66	54	-14.34	-	-	251	113	V
6	*** 5.37864	29.28	ADV	34.4	-22.8	.53	41.41	54	-12.59	-	-	251	113	V
4	5.46989	52.13	Pk	34.5	-23.5	0	63.13	-	-	68.2	-5.07	251	113	V
8	5.46996	34.9	ADV	34.5	-23.5	.53	46.43	-	-	-	-	251	113	V
3	5.46998	51.16	Pk	34.5	-23.5	0	62.16	-	-	68.2	-6.04	251	113	V
7	5.46998	33.55	ADV	34.5	-23.5	.53	45.08	-	-	-	-	251	113	V

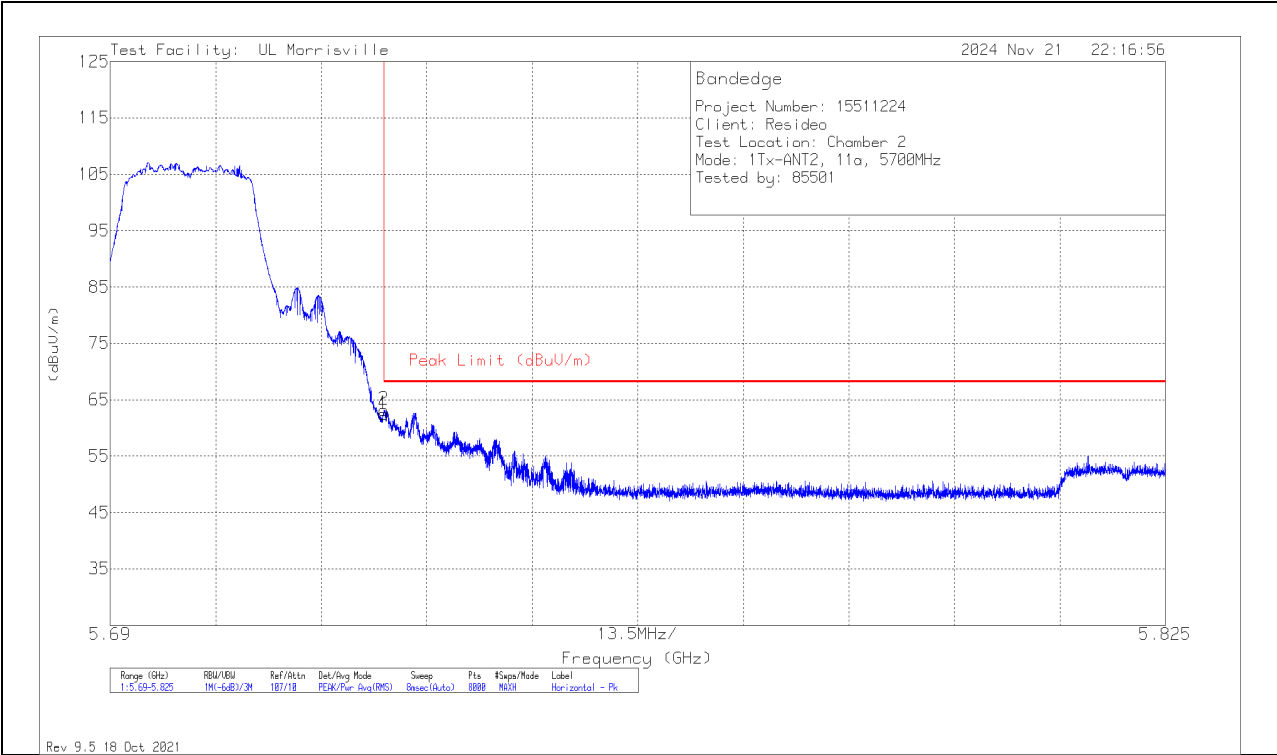
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

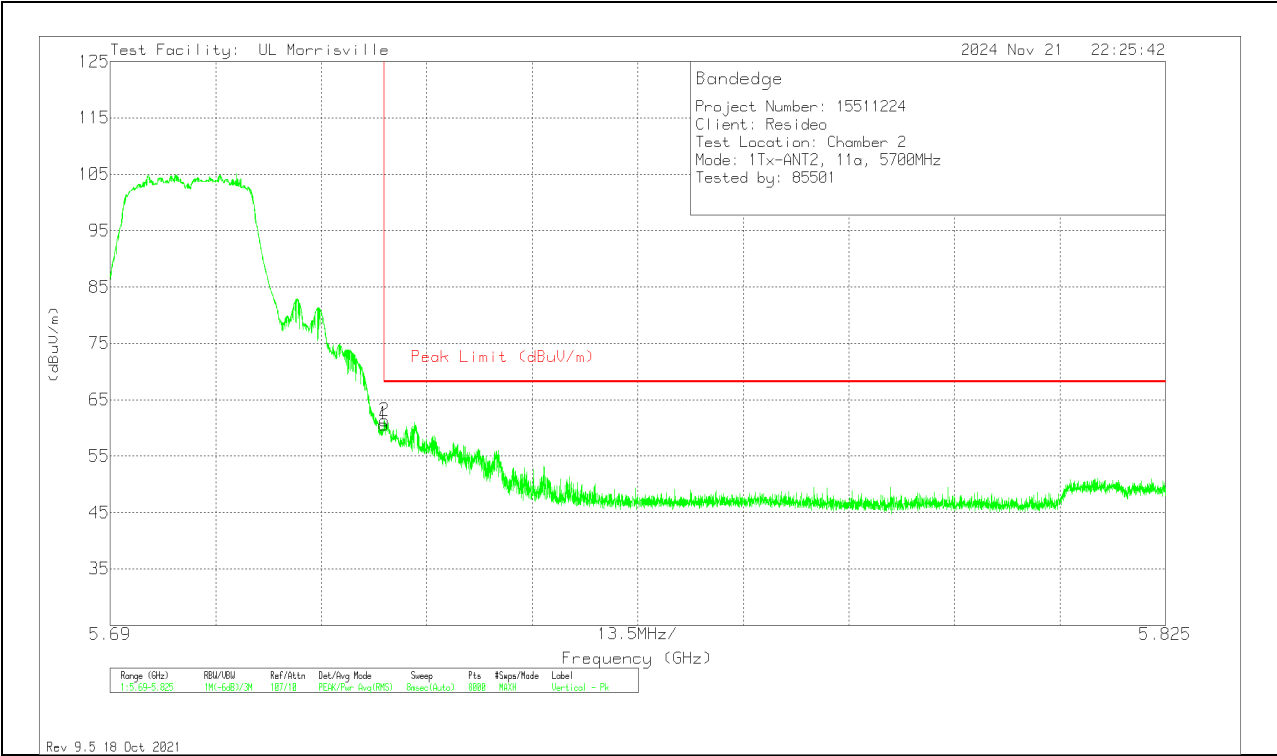
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	50.85	Pk	34.7	-23.1	0	62.45	68.2	-5.75	74	209	H
2	5.72504	51.62	Pk	34.7	-23.1	0	63.22	68.2	-4.98	74	209	H

Pk - Peak detector

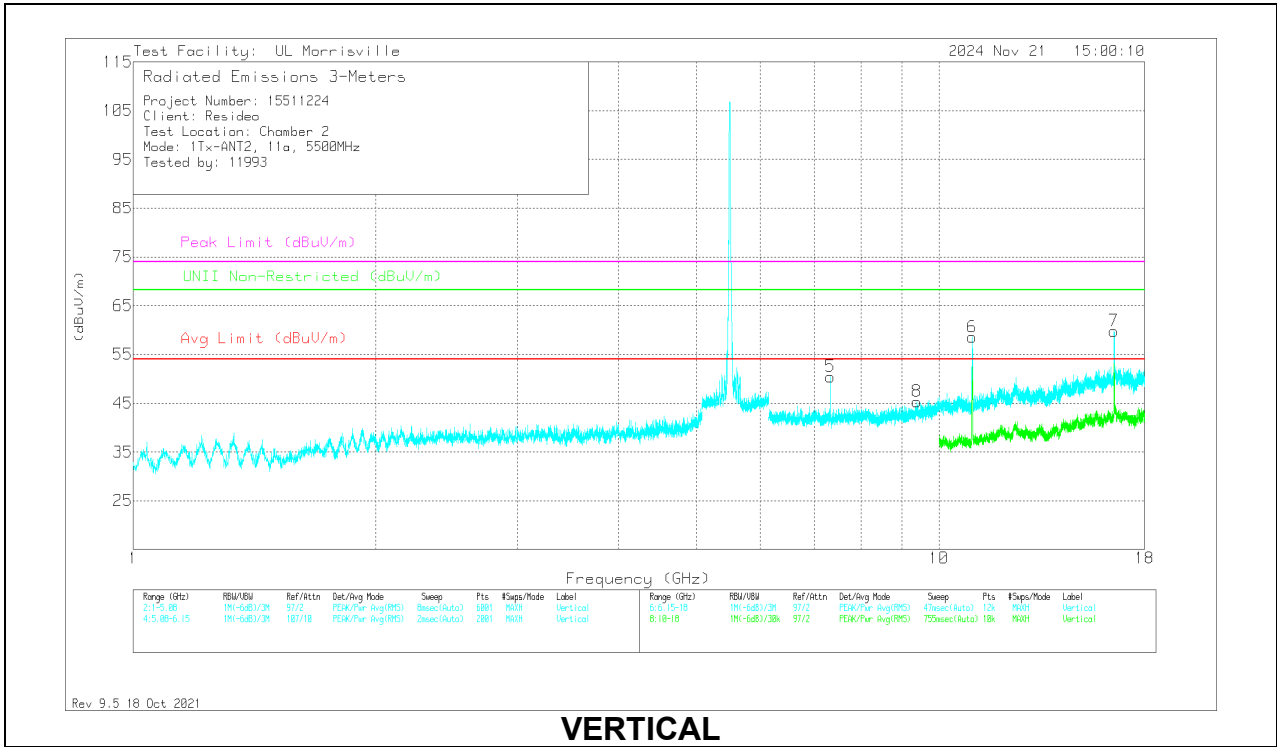
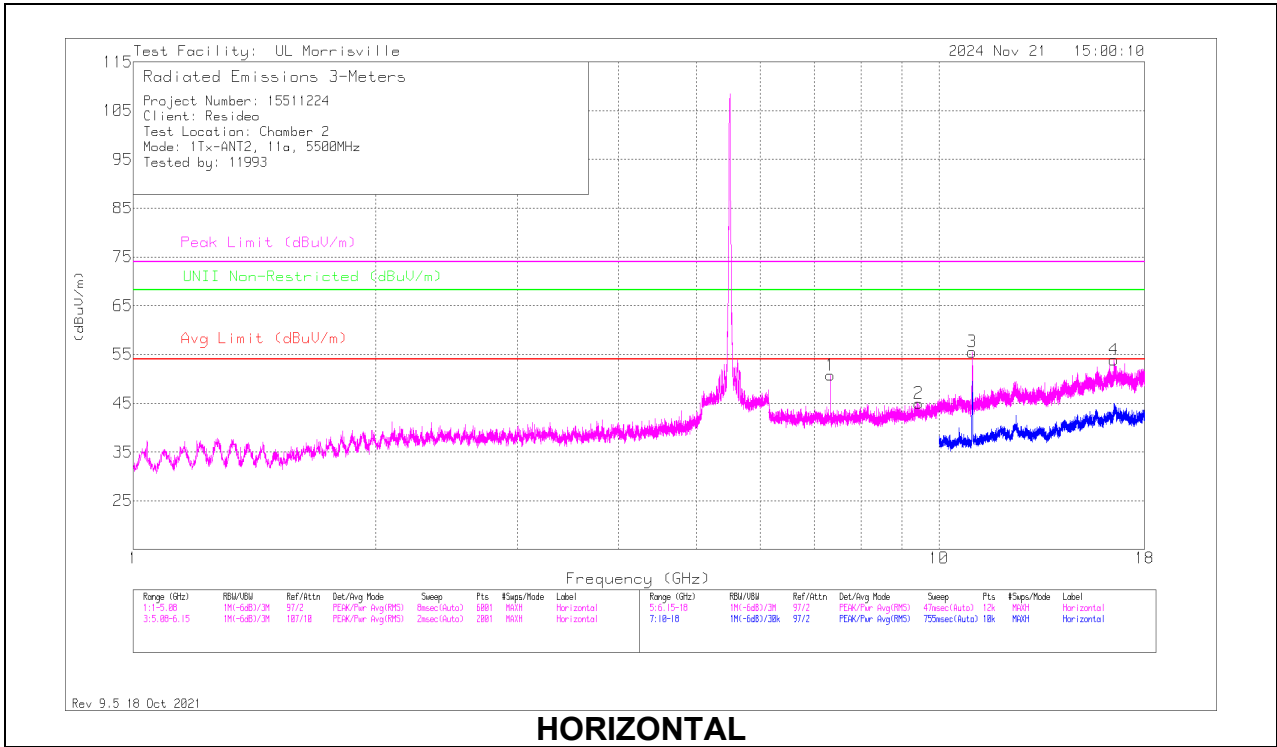
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.98	Pk	34.7	-23.1	0	60.58	68.2	-7.62	223	213	V
2	5.72507	49.7	Pk	34.7	-23.1	0	61.3	68.2	-6.9	223	213	V

Pk - Peak detector

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 7.3333	59.22	PK-U	35.6	-41.4	0	53.42	-	-	74	-20.58	-	-	320	103	H
	*** 7.33332	55.47	ADV	35.6	-41.4	.53	50.2	54	-3.8	-	-	-	-	320	103	H
2	*** 9.44529	49.3	Pk	36.3	-40.6	0	45	54	-9	74	-29	-	-	0-360	199	H
3	*** 10.9998	65.7	PK-U	37.7	-40.4	0	63	-	-	74	-11	-	-	65	118	H
	*** 11.0001	50.83	ADV	37.7	-40.4	.53	48.66	54	-5.34	-	-	-	-	65	118	H
5	*** 7.33331	58.65	PK-U	35.6	-41.4	0	52.85	-	-	74	-21.15	-	-	44	111	V
	*** 7.3332	55.07	ADV	35.6	-41.4	.53	49.8	54	-4.2	-	-	-	-	44	111	V
6	*** 10.9999	66.95	PK-U	37.7	-40.4	0	64.25	-	-	74	-9.75	-	-	358	110	V
	*** 11.0002	52.32	ADV	37.7	-40.4	.53	50.15	54	-3.85	-	-	-	-	358	110	V
8	*** 9.39394	49.04	Pk	36.2	-39.9	0	45.34	54	-8.66	74	-28.66	-	-	0-360	101	V
4	16.49801	48.86	Pk	40.6	-35.6	0	53.86	-	-	-	-	-	-14.34	0-360	199	H
7	16.50196	55.11	Pk	40.6	-35.9	0	59.81	-	-	-	-	-	-8.39	0-360	101	V

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

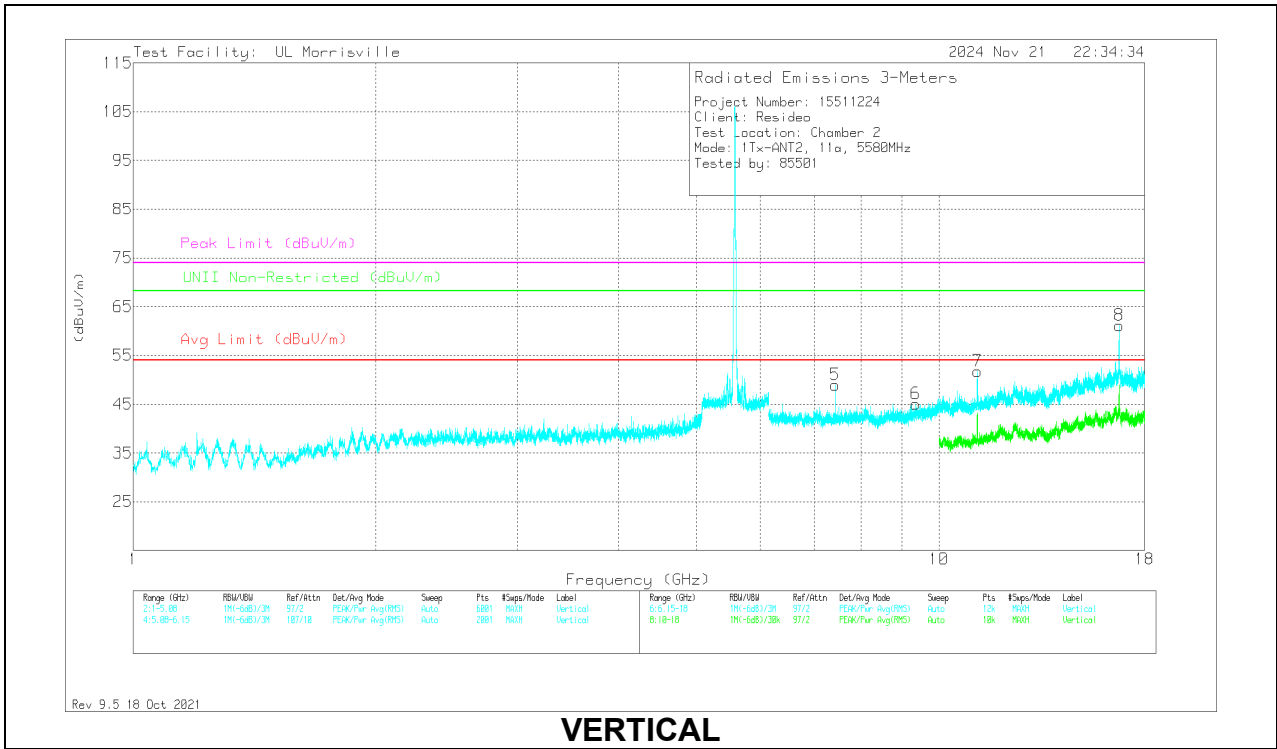
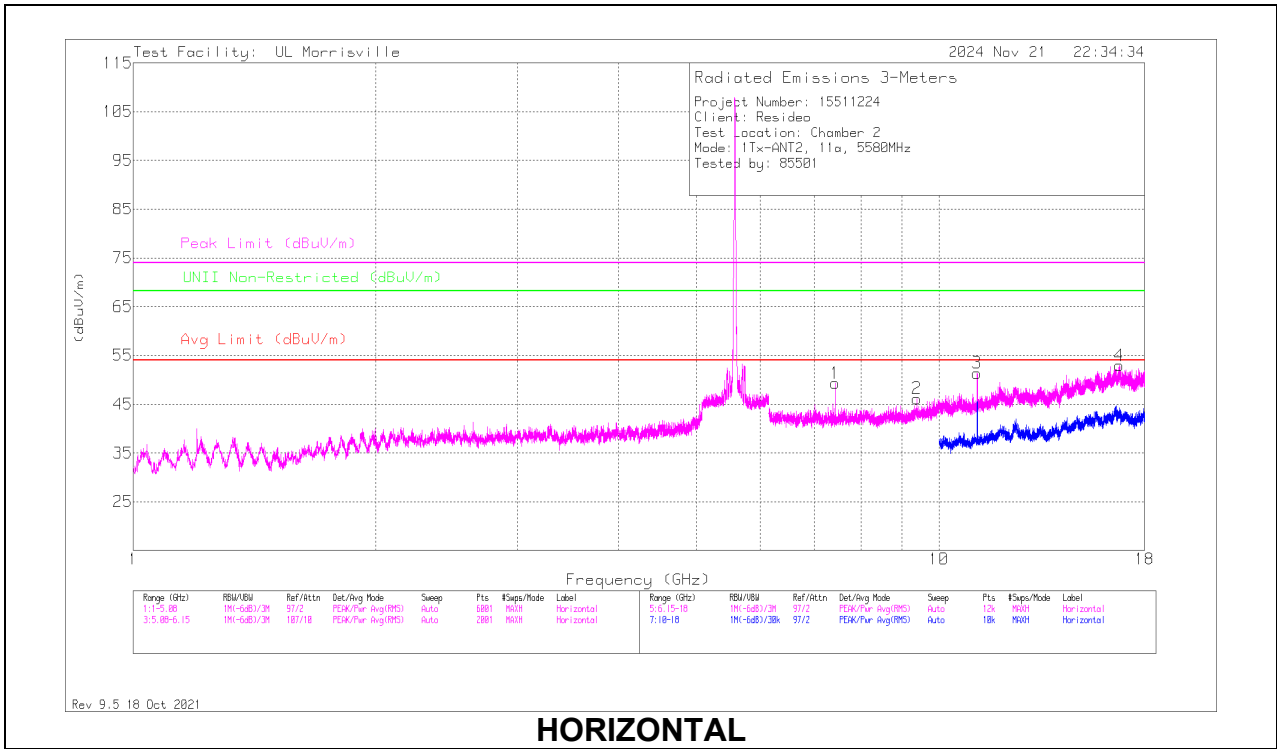
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 7.4401	57.35	PK-U	35.6	-41.6	0	51.35	-	-	74	-22.65	-	-	15	119	H
	*** 7.44001	52.88	ADV	35.6	-41.6	.53	47.41	54	-6.59	-	-	-	-	15	119	H
2	*** 9.39295	49.86	Pk	36.2	-39.9	0	46.16	54	-7.84	74	-27.84	-	-	0-360	101	H
3	*** 11.15407	60.35	PK-U	37.8	-40	0	58.15	-	-	74	-15.85	-	-	268	185	H
	*** 11.15575	45.69	ADV	37.8	-40	.53	44.02	54	-9.98	-	-	-	-	268	185	H
5	*** 7.44	57.06	PK-U	35.6	-41.6	0	51.06	-	-	74	-22.94	-	-	157	195	V
	*** 7.43999	52.15	ADV	35.6	-41.6	.53	46.68	54	-7.32	-	-	-	-	157	195	V
6	*** 9.3574	48.94	Pk	36.1	-40	0	45.04	54	-8.96	74	-28.96	-	-	0-360	101	V
7	*** 11.16371	59.01	PK-U	37.8	-39.9	0	56.91	-	-	74	-17.09	-	-	332	198	V
	*** 11.16271	44.16	ADV	37.8	-39.9	.53	42.59	54	-11.41	-	-	-	-	332	198	V
4	16.73501	48.01	Pk	41	-36.1	0	52.91	-	-	-	-	68.2	-15.29	0-360	200	H
8	16.73501	56.24	Pk	41	-36.1	0	61.14	-	-	-	-	68.2	-7.06	0-360	200	V

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

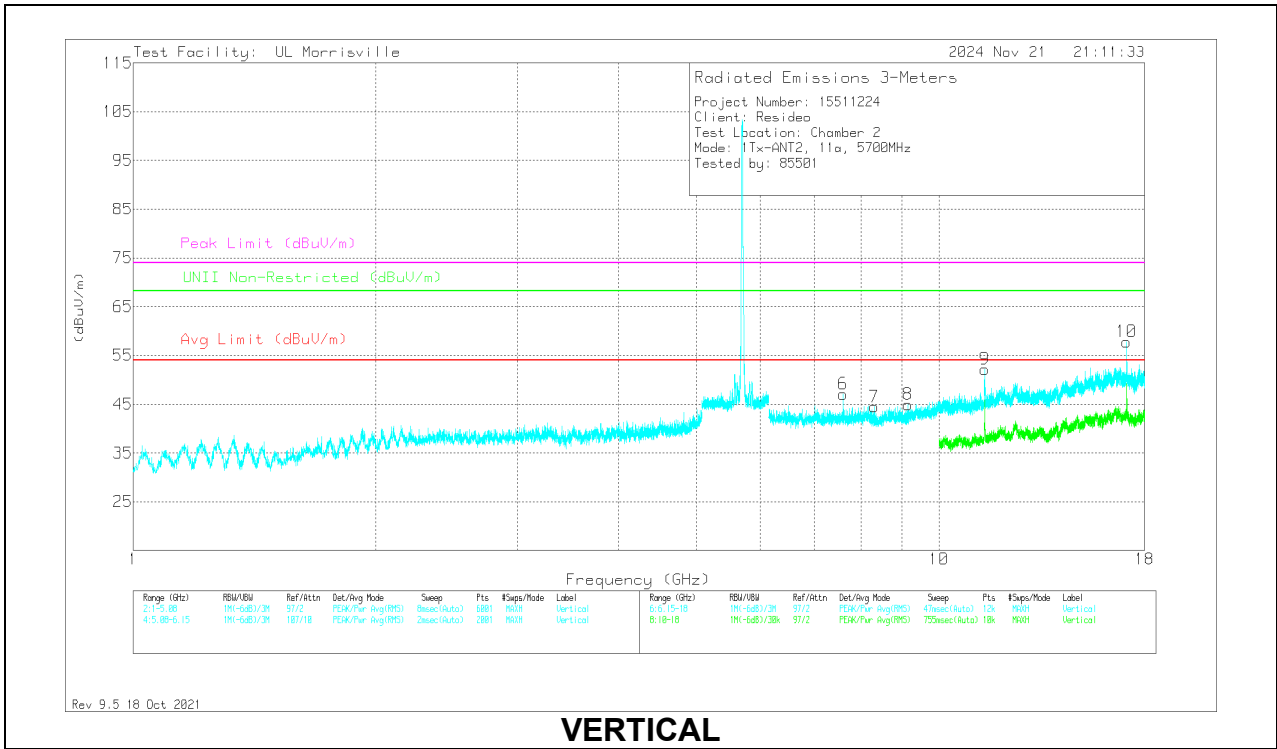
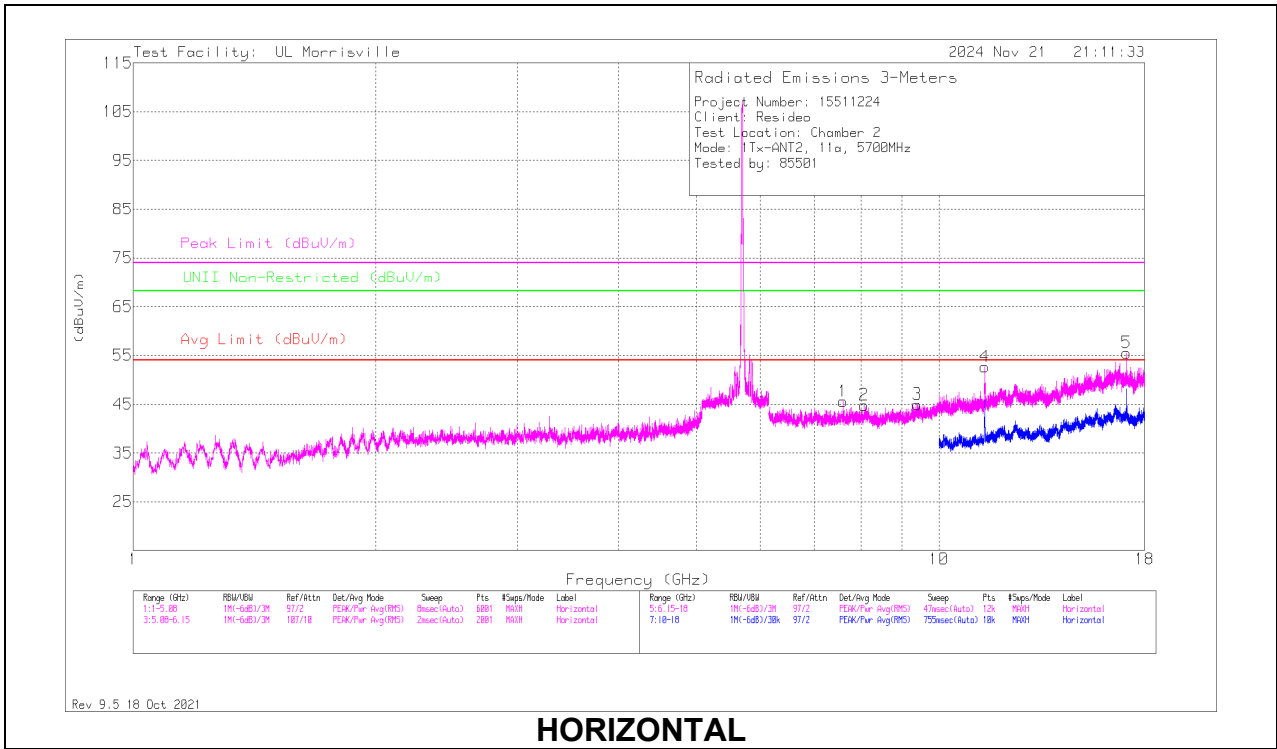
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 7.59965	51.55	Pk	35.6	-41.6	0	45.55	54	-8.45	74	-28.45	-	-	0-360	200	H
2	** 8.0697	50.13	Pk	35.8	-41.1	0	44.83	54	-9.17	74	-29.17	-	-	0-360	200	H
3	*** 9.39888	48.7	Pk	36.2	-40	0	44.9	54	-9.1	74	-29.1	-	-	0-360	200	H
4	*** 11.3986	57.94	PK-U	37.9	-39.5	0	56.34	-	-	74	-17.66	-	-	194	213	H
	*** 11.3992	43.82	ADV	37.9	-39.5	.53	42.75	54	-11.25	-	-	-	-	194	213	H
6	*** 7.59965	53.1	Pk	35.6	-41.6	0	47.1	54	-6.9	74	-26.9	-	-	0-360	101	V
7	*** 8.30769	49.47	Pk	35.8	-40.8	0	44.47	54	-9.53	74	-29.53	-	-	0-360	101	V
8	*** 9.15003	48.91	Pk	35.9	-39.9	0	44.91	54	-9.09	74	-29.09	-	-	0-360	101	V
9	*** 11.39359	57.24	PK-U	37.9	-39.5	0	55.64	-	-	74	-18.36	-	-	139	273	V
	*** 11.39578	42.31	ADV	37.9	-39.5	.53	41.24	54	-12.76	-	-	-	-	139	273	V
5	17.10138	49.95	Pk	41.3	-35.7	0	55.55	-	-	-	-	68.2	-12.65	0-360	101	H
10	17.10335	52.11	Pk	41.3	-35.6	0	57.81	-	-	-	-	68.2	-10.39	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

PK-U - Maximum Peak

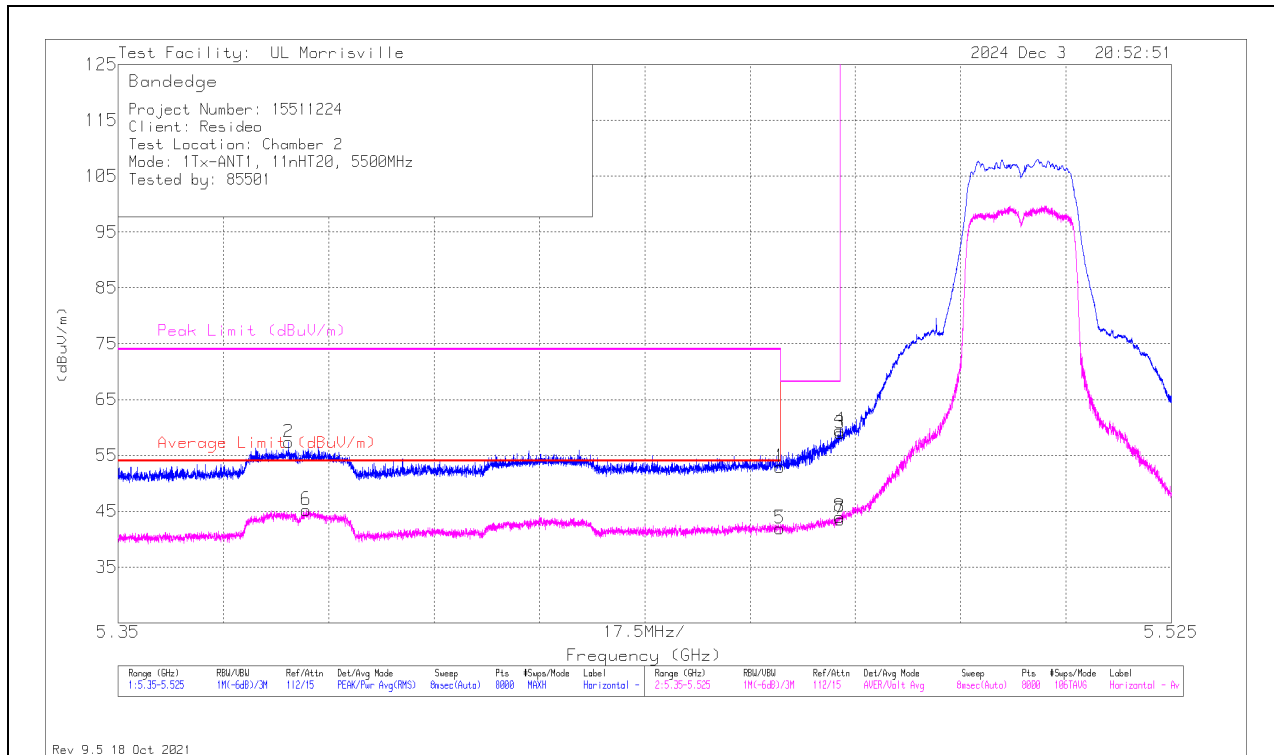
ADV - Linear Voltage Average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	41.9	Pk	34.5	-23.5	0	52.9	-	-	74	-21.1	91	108	H
2	* ** 5.37833	45.77	Pk	34.4	-22.8	0	57.37	-	-	74	-16.63	91	108	H
5	* ** 5.45998	30.36	ADV	34.5	-23.5	.57	41.93	54	-12.07	-	-	91	108	H
6	* ** 5.38126	33.15	ADV	34.4	-22.9	.57	45.22	54	-8.78	-	-	91	108	H
8	5.46989	32.44	ADV	34.5	-23.5	.57	44.01	-	-	-	-	91	108	H
4	5.46991	48.49	Pk	34.5	-23.5	0	59.49	-	-	68.2	-8.71	91	108	H
3	5.46998	47.96	Pk	34.5	-23.5	0	58.96	-	-	68.2	-9.24	91	108	H
7	5.46998	31.99	ADV	34.5	-23.5	.57	43.56	-	-	-	-	91	108	H

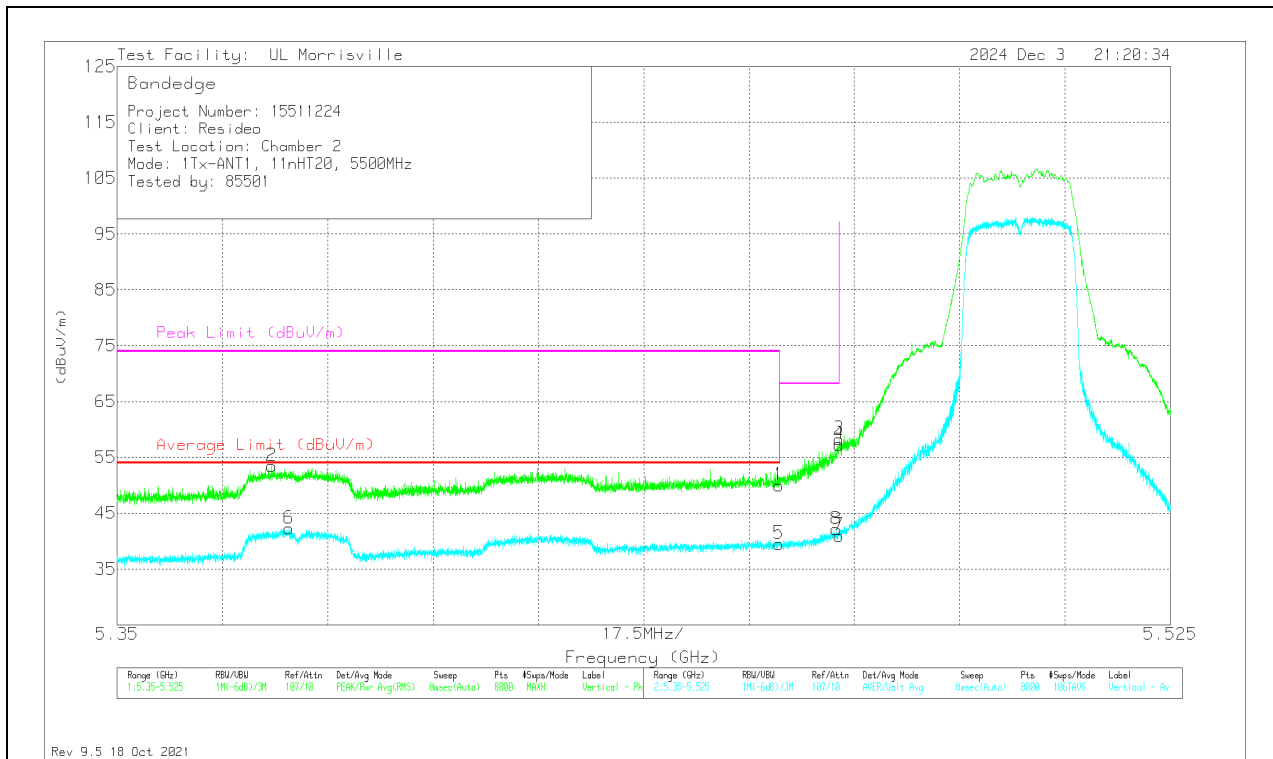
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	Pk	34.5	-23.5	0	50	-	-	74	-24	40	102	V
2	*** 5.37566	41.88	Pk	34.4	-22.8	0	53.48	-	-	74	-20.52	40	102	V
5	*** 5.45998	27.93	ADV	34.5	-23.5	.57	39.5	54	-14.5	-	-	40	102	V
6	*** 5.37855	30.1	ADV	34.4	-22.8	.57	42.27	54	-11.73	-	-	40	102	V
8	5.46948	30.56	ADV	34.5	-23.5	.57	42.13	-	-	-	-	40	102	V
4	5.46996	46.35	Pk	34.5	-23.5	0	57.35	-	-	68.2	-10.85	40	102	V
3	5.46998	47.29	Pk	34.5	-23.5	0	58.29	-	-	68.2	-9.91	40	102	V
7	5.46998	29.43	ADV	34.5	-23.5	.57	41	-	-	-	-	40	102	V

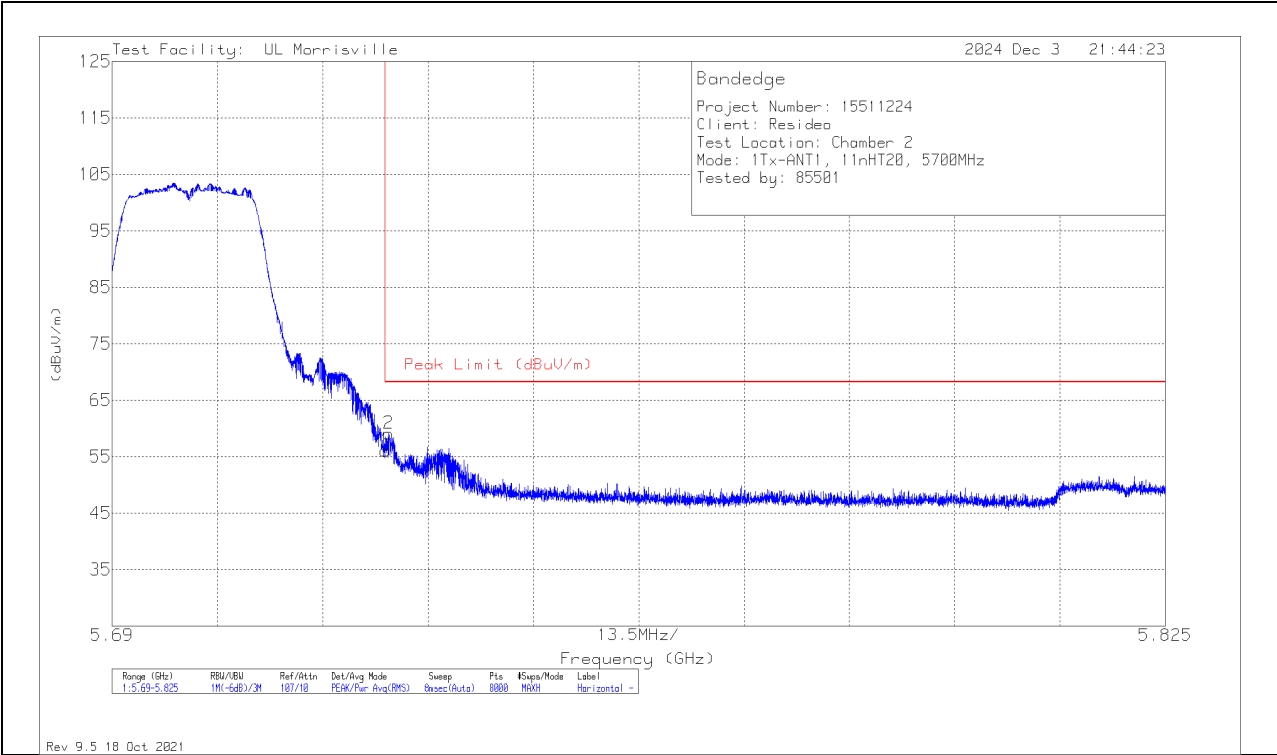
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

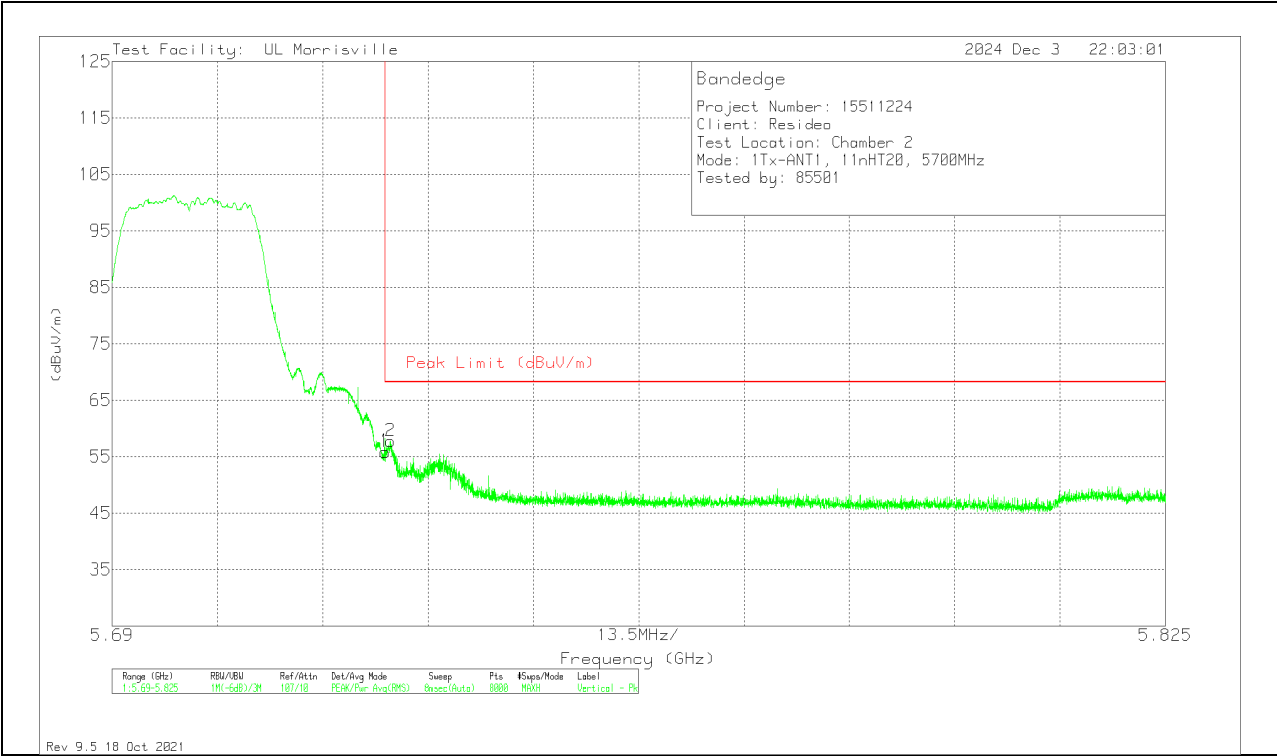
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.48	Pk	34.7	-23.1	0	56.08	68.2	-12.12	80	204	H
2	5.72546	47.45	Pk	34.7	-23.1	0	59.05	68.2	-9.15	80	204	H

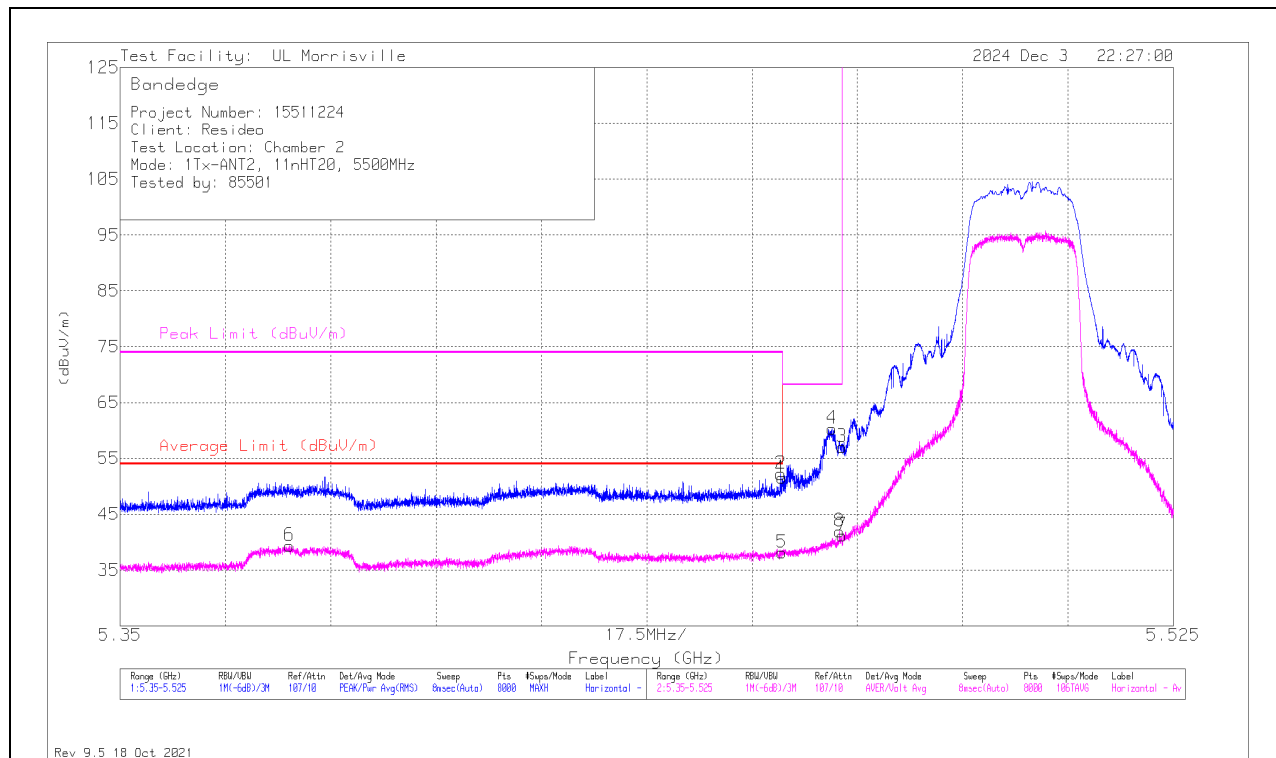
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.24	Pk	34.7	-23.1	0	55.84	68.2	-12.36	265	245	V
2	5.72566	46.13	Pk	34.7	-23.1	0	57.73	68.2	-10.47	265	245	V

Pk - Peak detector

1TX Antenna 2 MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	40.52	Pk	34.5	-23.5	0	51.52	-	-	74	-22.48	338	304	H
2	* ** 5.45978	41.12	Pk	34.5	-23.4	0	52.22	-	-	74	-21.78	338	304	H
5	* ** 5.45998	26.56	ADV	34.5	-23.5	.57	38.13	54	-15.87	-	-	338	304	H
6	* ** 5.37809	27.22	ADV	34.4	-22.8	.57	39.39	54	-14.61	-	-	338	304	H
4	5.46827	49.44	Pk	34.5	-23.6	0	60.34	-	-	68.2	-7.86	338	304	H
8	5.46956	30.35	ADV	34.5	-23.5	.57	41.92	-	-	-	-	338	304	H
3	5.46998	46.03	Pk	34.5	-23.5	0	57.03	-	-	68.2	-11.17	338	304	H
7	5.46998	29.62	ADV	34.5	-23.5	.57	41.19	-	-	-	-	338	304	H

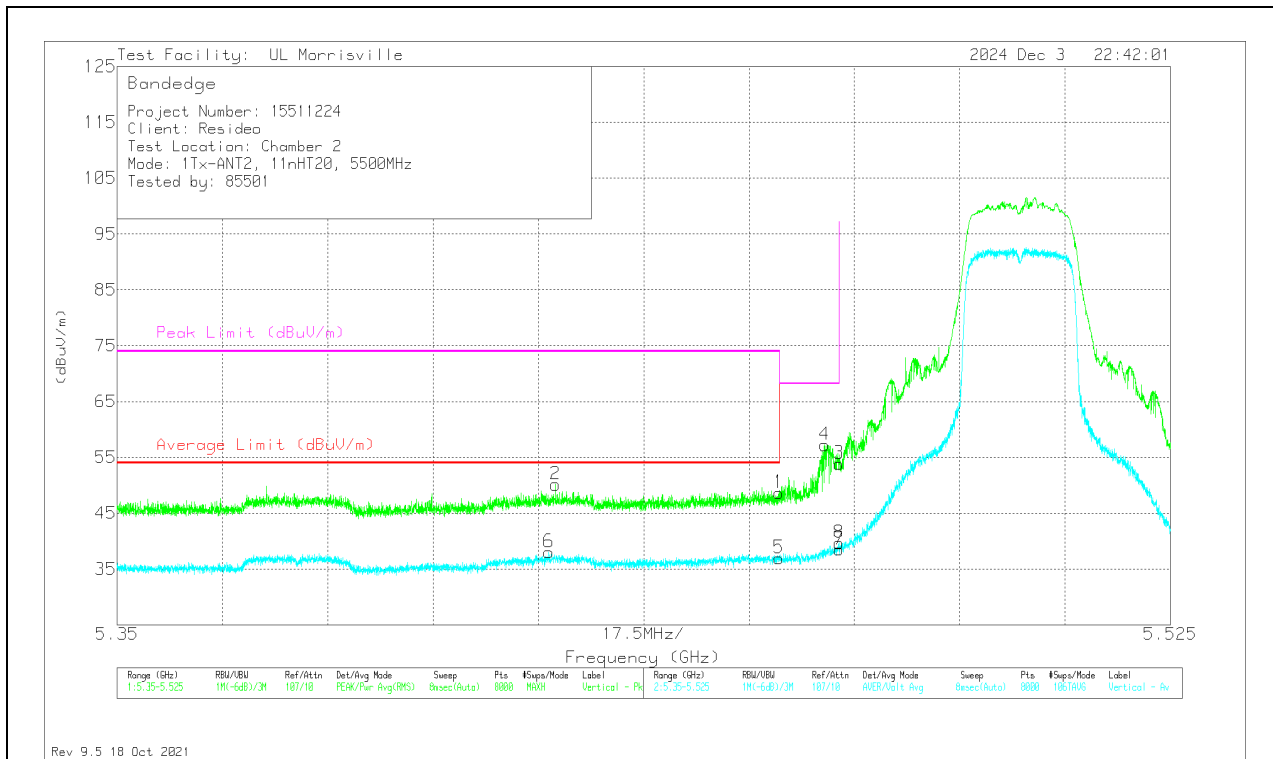
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	37.66	Pk	34.5	-23.5	0	48.66	-	-	74	-25.34	262	303	V
2	*** 5.42281	38.65	Pk	34.4	-22.9	0	50.15	-	-	74	-23.85	262	303	V
5	*** 5.45998	25.37	ADV	34.5	-23.5	.57	36.94	54	-17.06	-	-	262	303	V
6	*** 5.42174	25.96	ADV	34.4	-22.9	.57	38.03	54	-15.97	-	-	262	303	V
4	5.46759	46.33	Pk	34.5	-23.6	0	57.23	-	-	68.2	-10.97	262	303	V
8	5.46996	28.11	ADV	34.5	-23.5	.57	39.68	-	-	-	-	262	303	V
3	5.46998	42.89	Pk	34.5	-23.5	0	53.89	-	-	68.2	-14.31	262	303	V
7	5.46998	26.92	ADV	34.5	-23.5	.57	38.49	-	-	-	-	262	303	V

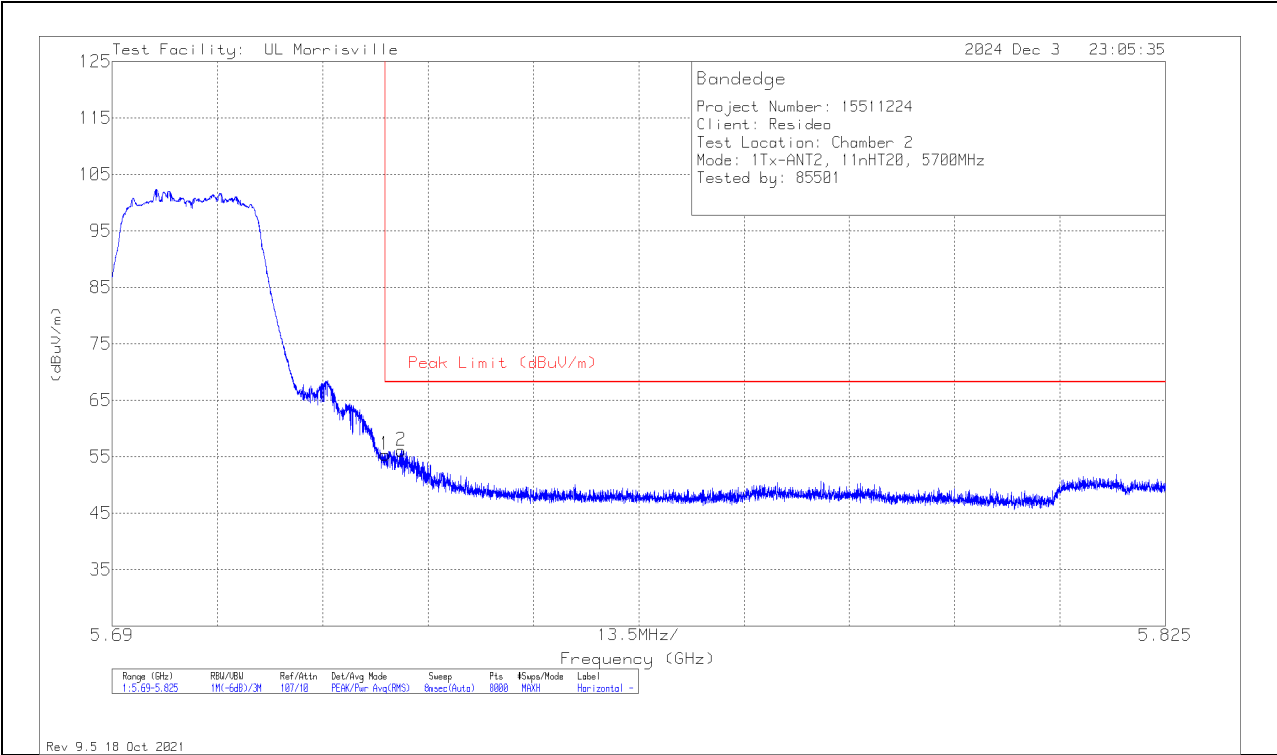
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

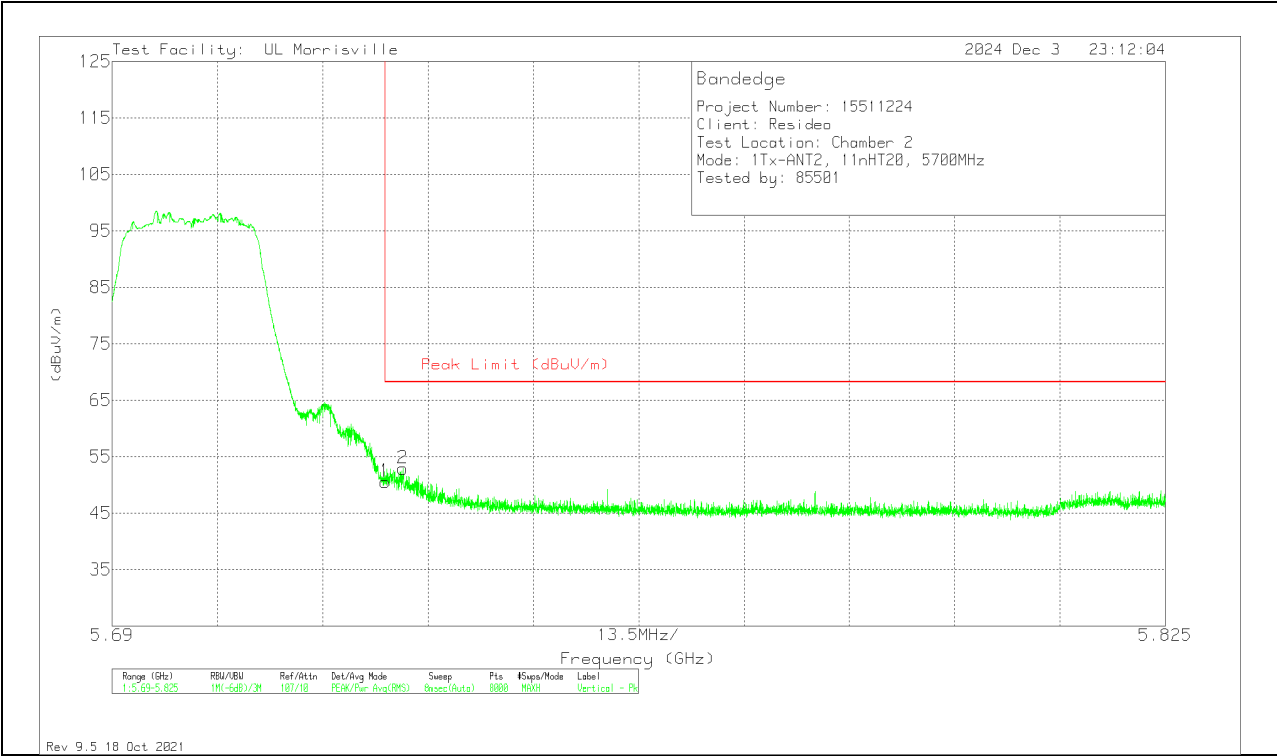
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.76	Pk	34.7	-23.1	0	55.36	68.2	-12.84	3	330	H
2	5.72706	44.41	Pk	34.7	-23	0	56.11	68.2	-12.09	3	330	H

Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.95	Pk	34.7	-23.1	0	50.55	68.2	-17.65	251	386	V
2	5.72726	41.1	Pk	34.7	-22.9	0	52.9	68.2	-15.3	251	386	V

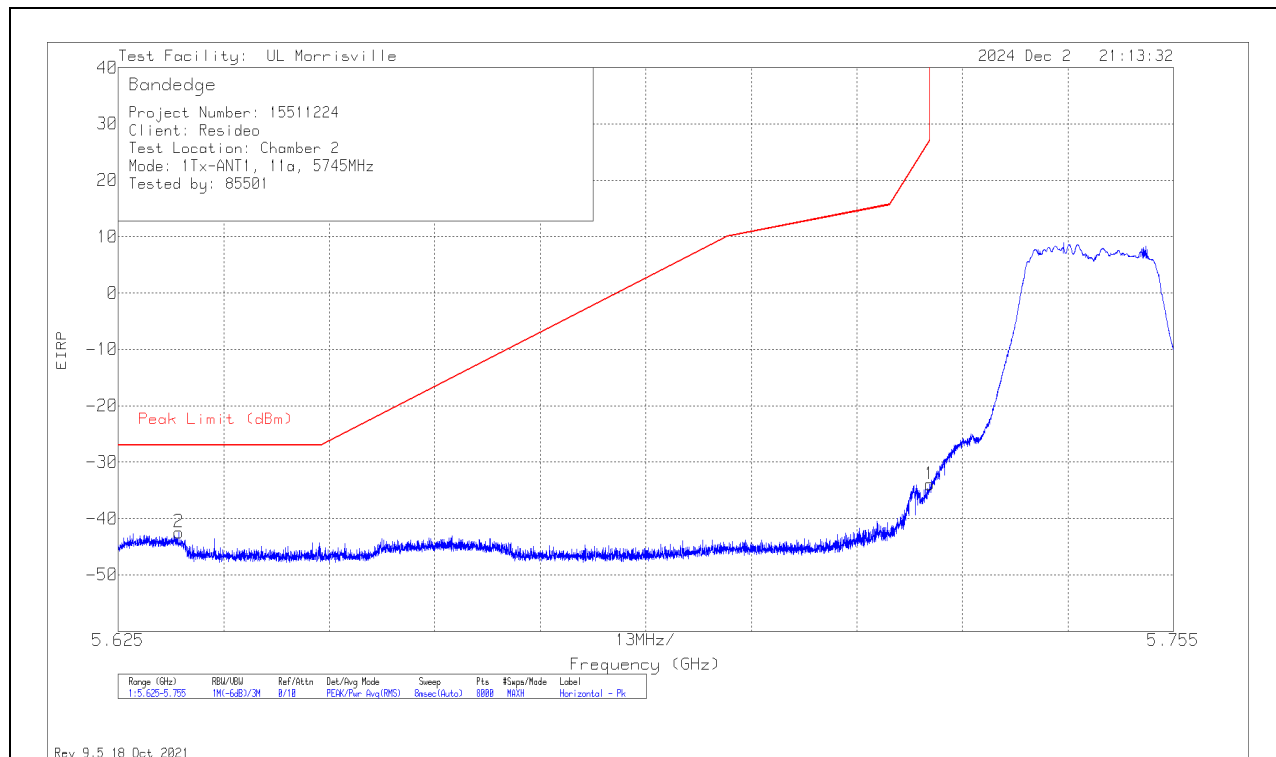
Pk - Peak detector

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

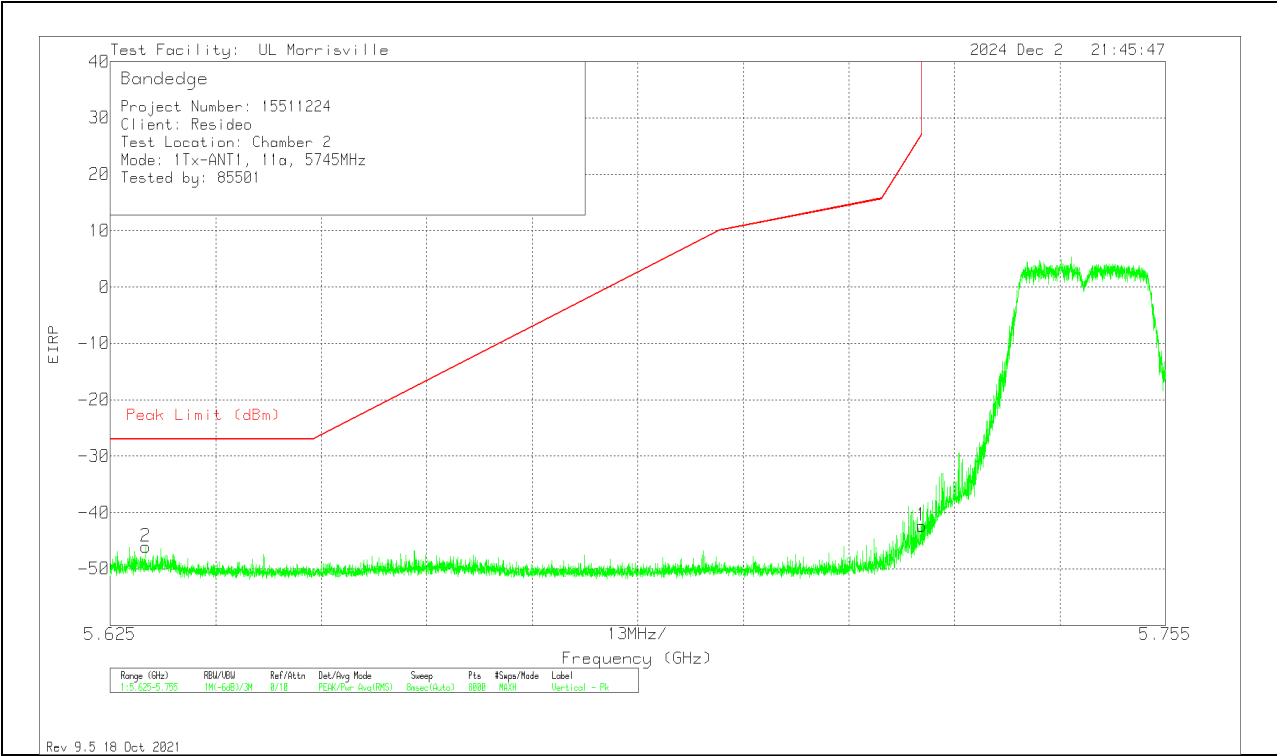
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.63248	-65.97	Pk	34.6	-22.9	11.8	0	-42.47	-27	-15.47	90	145	H
1	5.725	-57.27	Pk	34.6	-23.1	11.8	0	-33.97	27	-60.97	90	145	H

Pk - Peak detector

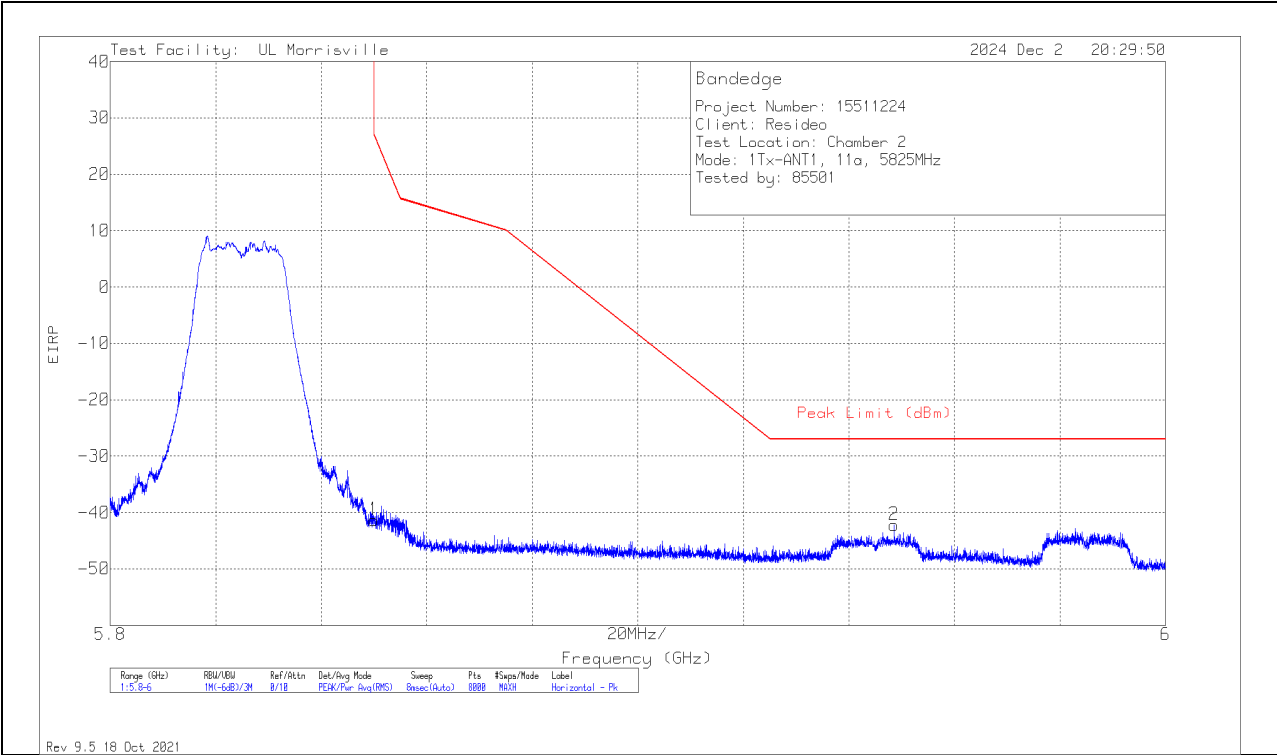
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62939	-69.3	Pk	34.6	-23.1	11.8	0	-46	-27	-19	90	145	V
1	5.725	-65.63	Pk	34.6	-23.1	11.8	0	-42.33	27	-69.33	90	145	V

Pk - Peak detector

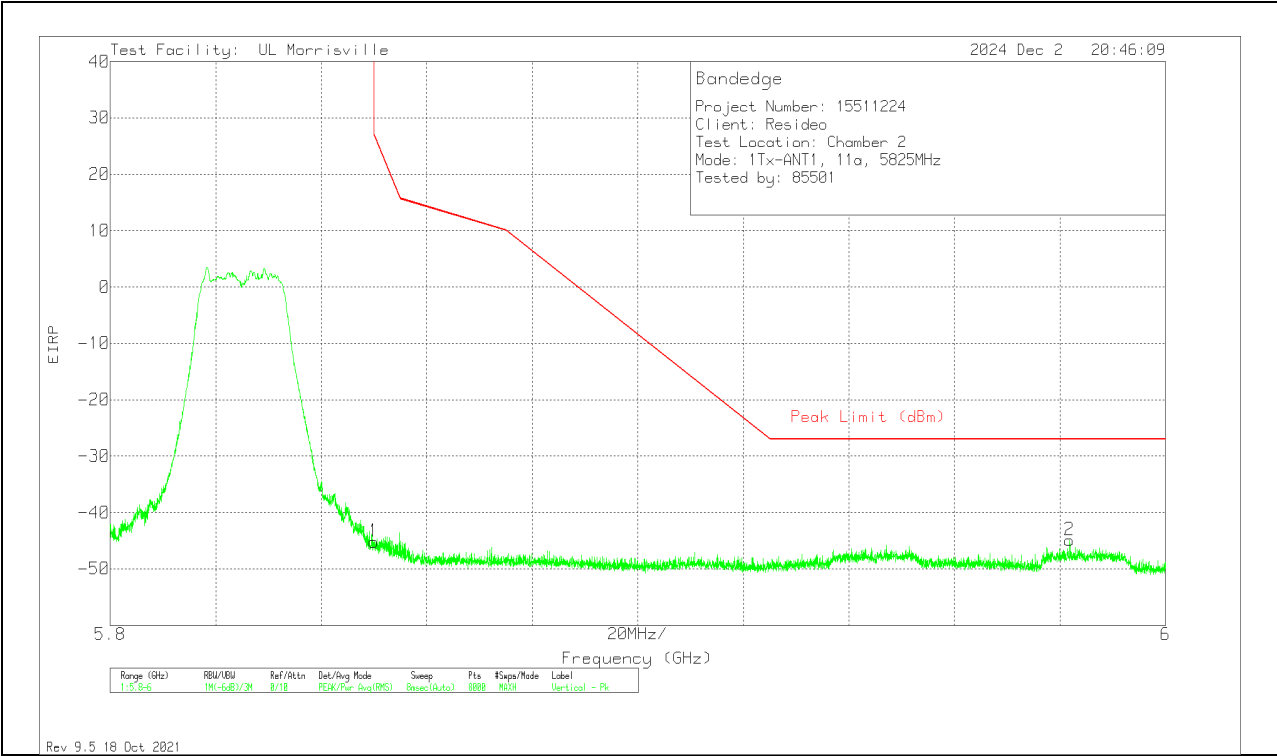
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-64.85	Pk	34.9	-23.2	11.8	0	-41.35	26.99	-68.34	79	141	H
2	5.94857	-66.42	Pk	35.1	-22.7	11.8	0	-42.22	-27	-15.22	79	141	H

Pk - Peak detector

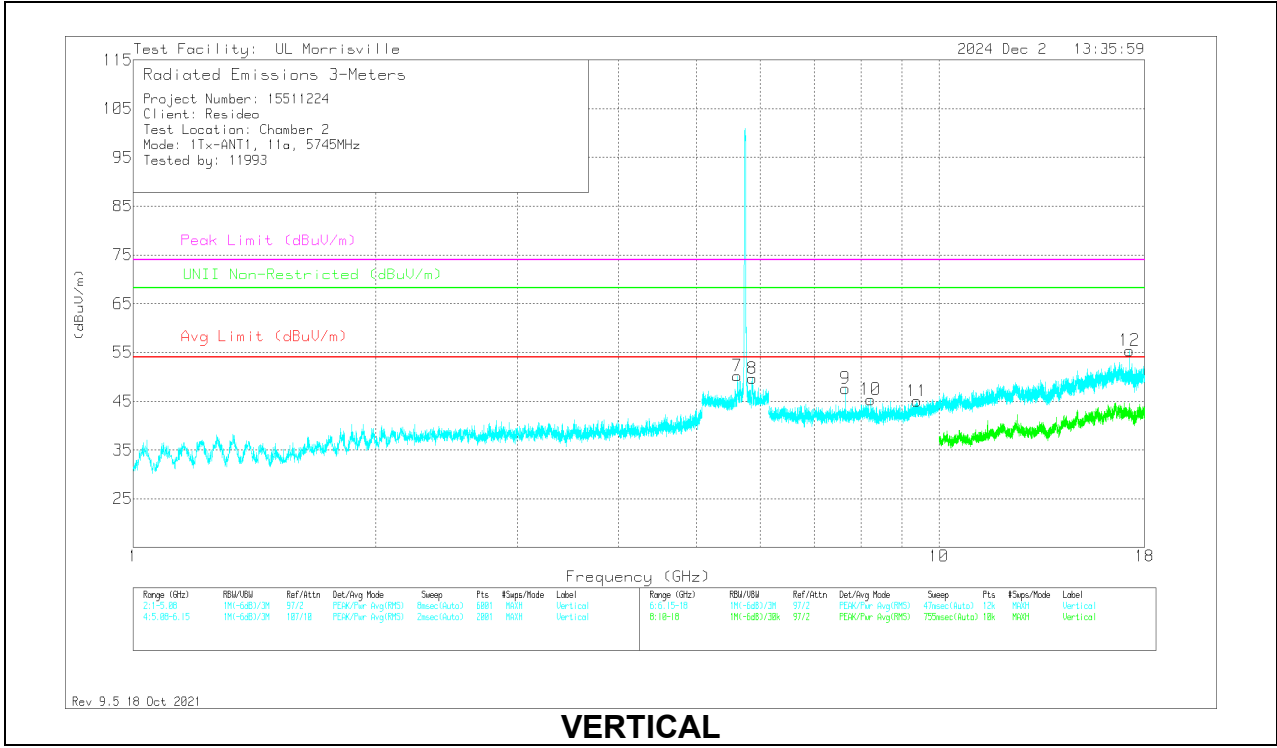
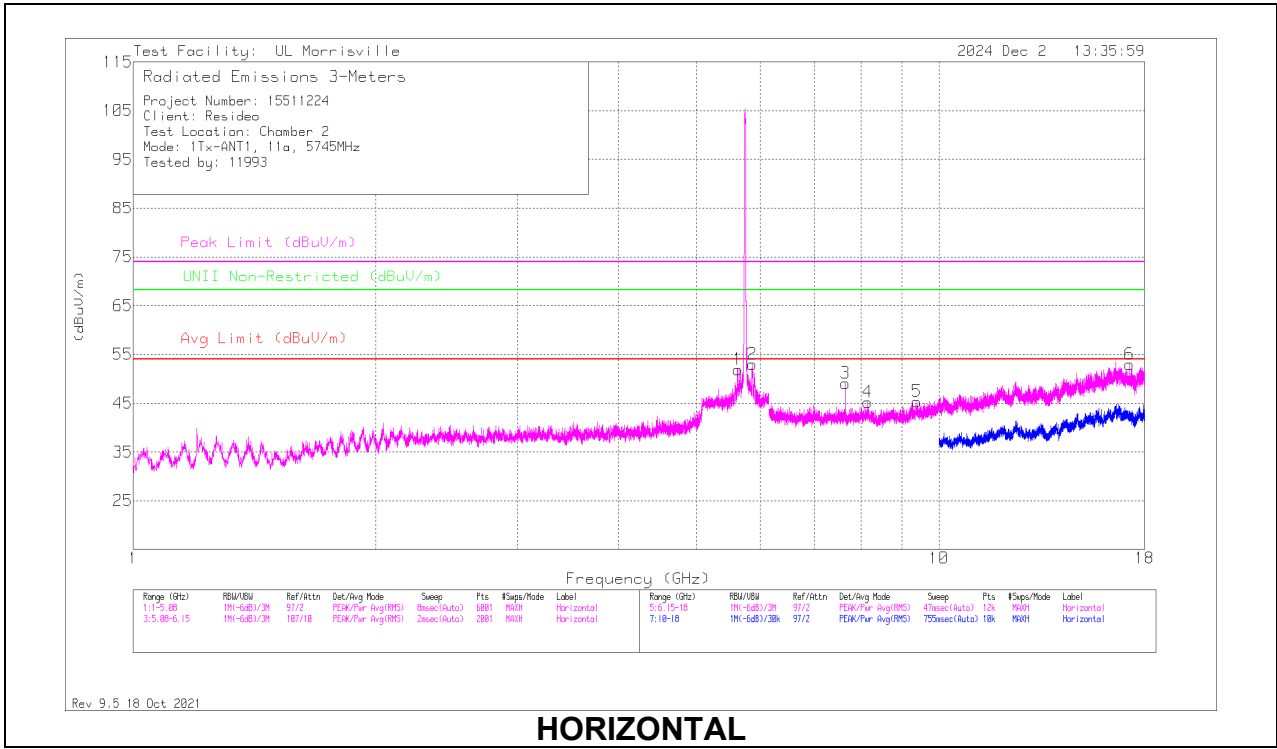
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-68.67	Pk	34.9	-23.2	11.8	0	-45.17	26.99	-72.16	11	224	V
2	5.98187	-69.18	Pk	35.2	-22.7	11.8	0	-44.88	-27	-17.88	11	224	V

Pk - Peak detector

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 7.65995	57.37	PK-U	35.7	-41.5	0	51.57	-	-	74	-22.43	-	-	329	108	H
	*** 7.65998	52.71	ADV	35.7	-41.5	.53	47.44	54	-6.56	-	-	-	-	329	108	H
4	*** 8.16351	50.12	Pk	35.8	-40.7	0	45.22	54	-8.78	74	-28.78	-	-	0-360	101	H
5	*** 9.38703	49.21	Pk	36.2	-40.1	0	45.31	54	-8.69	74	-28.69	-	-	0-360	101	H
9	*** 7.65989	53.41	Pk	35.7	-41.5	0	47.61	54	-6.39	74	-26.39	-	-	0-360	101	V
10	*** 8.2277	50.3	Pk	35.8	-40.8	0	45.3	54	-8.7	74	-28.7	-	-	0-360	200	V
11	*** 9.39295	48.71	Pk	36.2	-39.9	0	45.01	54	-8.99	74	-28.99	-	-	0-360	101	V
7	5.61982	38.82	Pk	34.6	-23.2	0	50.22	-	-	-	-	68.2	-17.98	0-360	101	V
1	5.63266	40.24	Pk	34.6	-22.9	0	51.94	-	-	-	-	68.2	-16.26	0-360	101	H
2	5.86431	40.91	Pk	34.9	-22.8	0	53.01	-	-	-	-	68.2	-15.19	0-360	101	H
8	5.86645	37.49	Pk	34.9	-22.7	0	49.69	-	-	-	-	68.2	-18.51	0-360	101	V
12	17.23469	50.79	Pk	41.2	-36.6	0	55.39	-	-	-	-	68.2	-12.81	0-360	101	V
6	17.23963	48.88	Pk	41.2	-37.1	0	52.98	-	-	-	-	68.2	-15.22	0-360	101	H

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

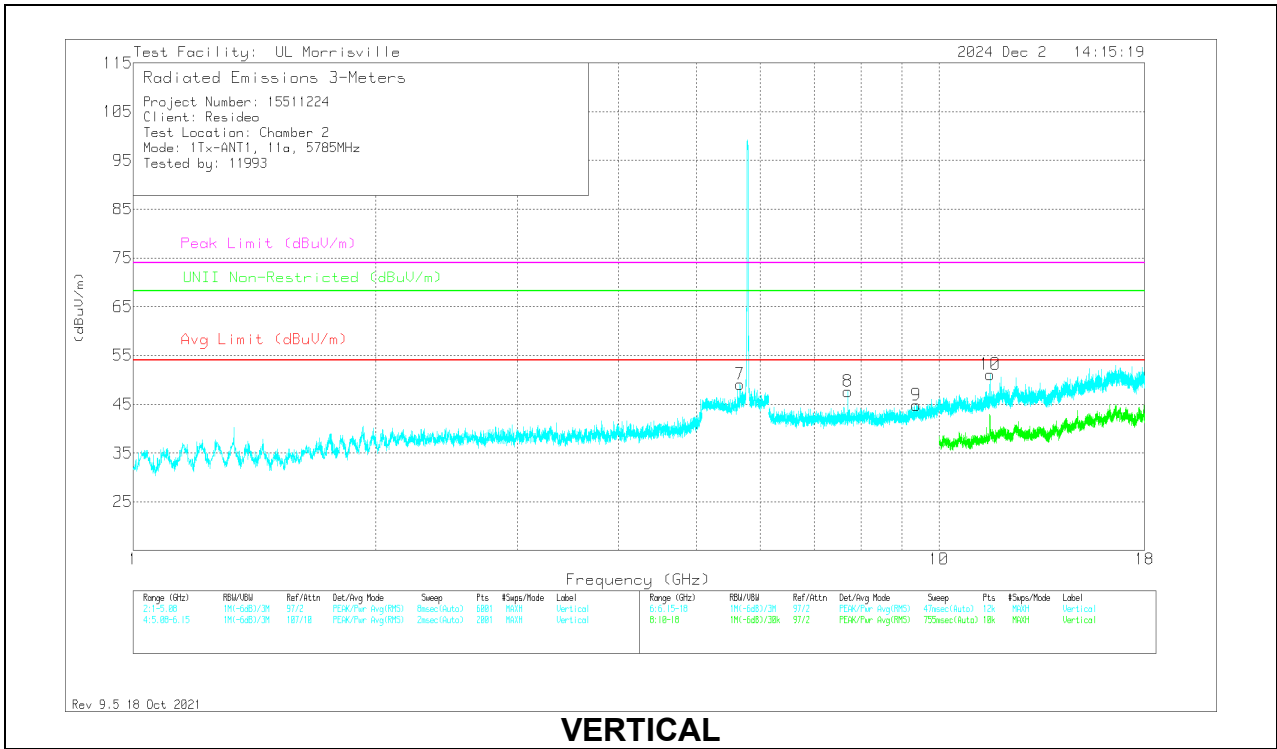
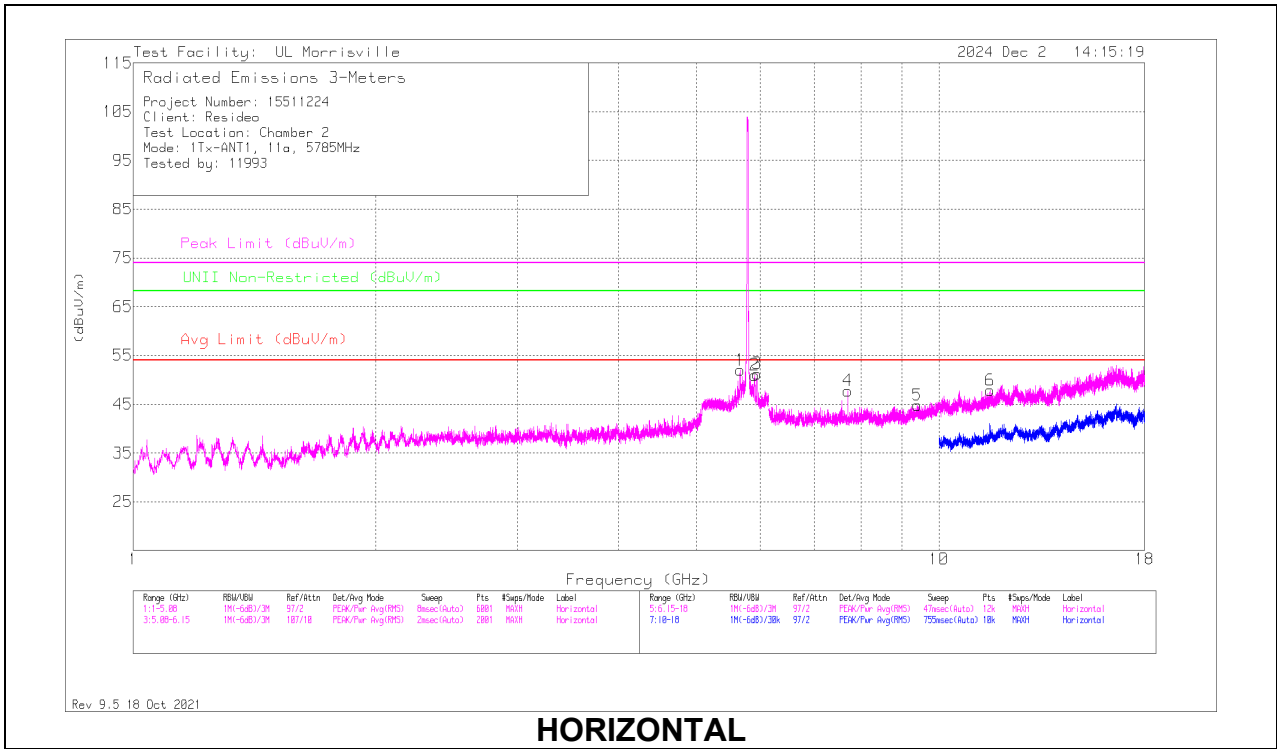
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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
4	*** 7.71321	53.6	Pk	35.7	-41.5	0	47.8	54	-6.2	74	-26.2	-	-	0-360	101	H
5	*** 9.39888	48.55	Pk	36.2	-40	0	44.75	54	-9.25	74	-29.25	-	-	0-360	101	H
6	*** 11.57236	48.72	Pk	38.2	-39.1	0	47.82	54	-6.18	74	-26.18	-	-	0-360	101	H
8	*** 7.71321	53.4	Pk	35.7	-41.5	0	47.6	54	-6.4	74	-26.4	-	-	0-360	101	V
9	*** 9.36826	48.69	Pk	36.1	-40	0	44.79	54	-9.21	74	-29.21	-	-	0-360	101	V
10	*** 11.57694	54.99	PK-U	38.3	-39.1	0	54.19	-	-	74	-19.81	-	-	357	112	V
	*** 11.57571	41.27	ADV	38.3	-39.1	.53	41	54	-13	-	-	-	-	357	112	V
7	5.66422	37.46	Pk	34.6	-23	0	49.06	-	-	-	-	68.2	-19.14	0-360	101	V
1	5.67064	40.27	Pk	34.6	-22.9	0	51.97	-	-	-	-	68.2	-16.23	0-360	101	H
2	5.90818	38.6	Pk	35	-22.6	0	51	-	-	-	-	68.2	-17.2	0-360	101	H
3	5.94831	38.81	Pk	35.1	-22.7	0	51.21	-	-	-	-	68.2	-16.99	0-360	101	H

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

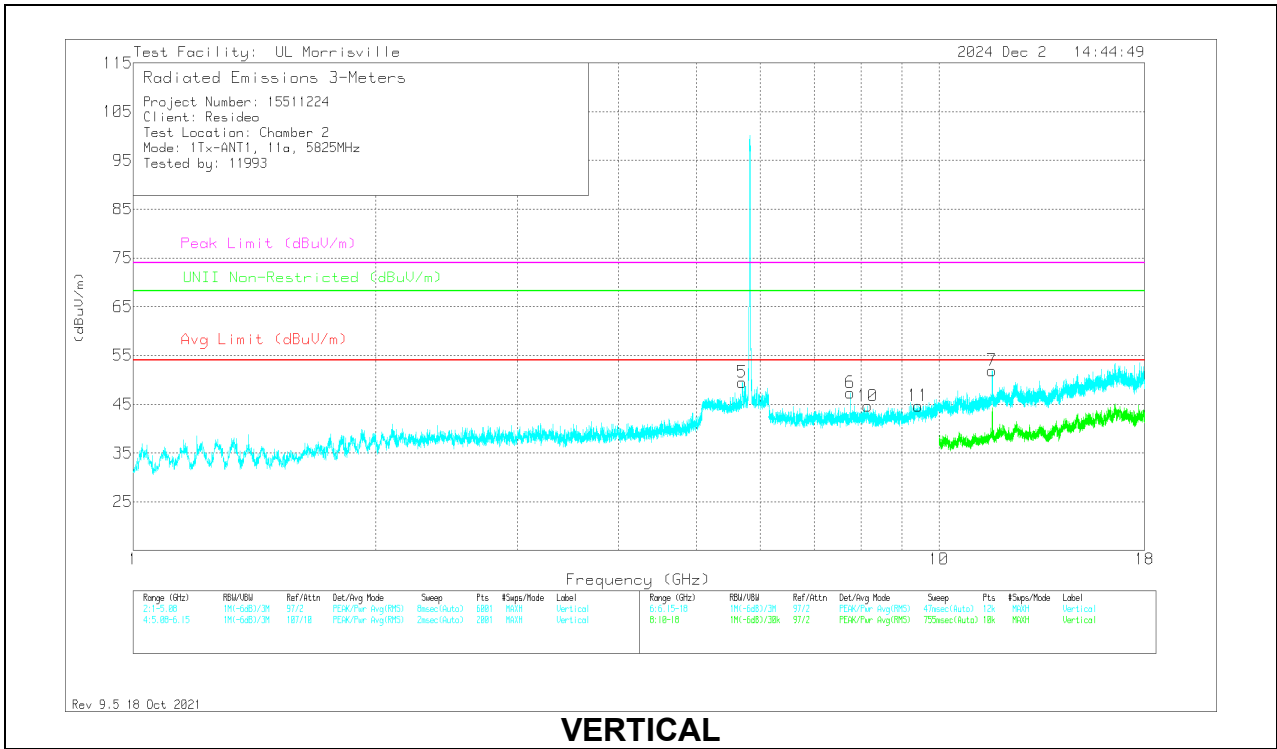
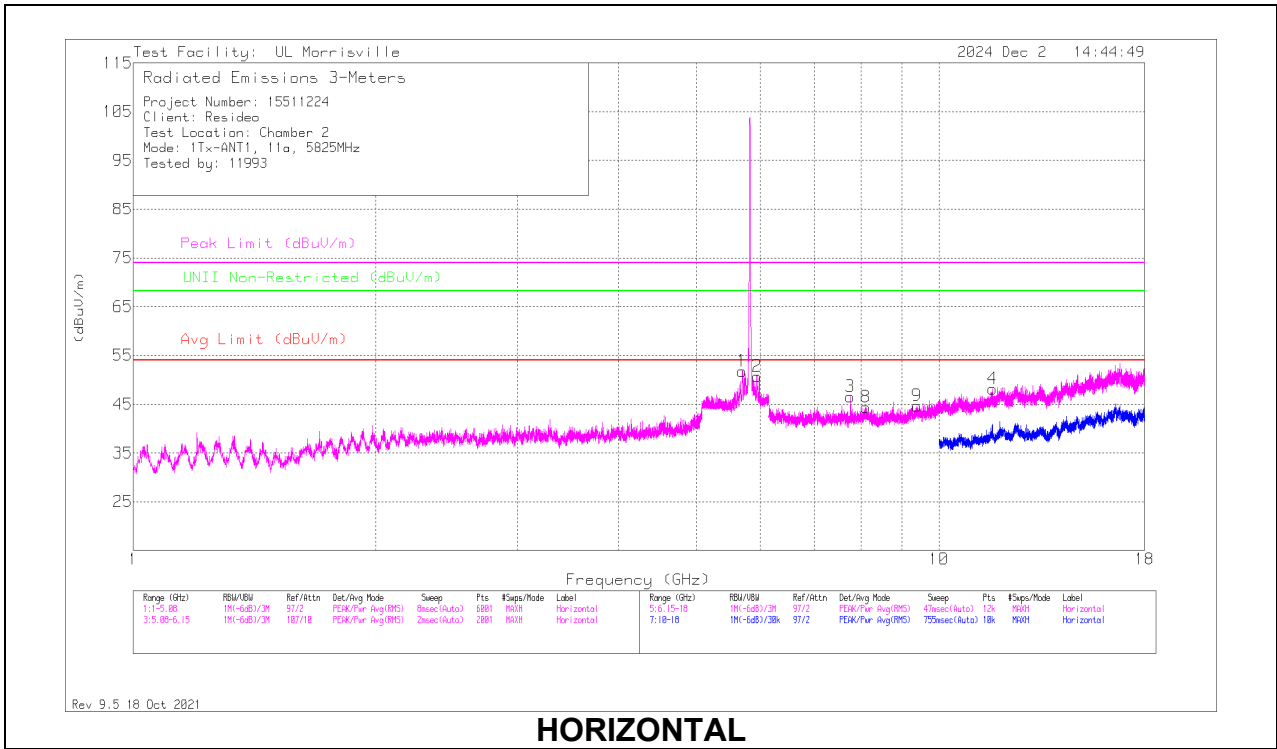
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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
4	*** 11.64749	52.96	PK-U	38.4	-38.2	0	53.16	-	-	74	-20.84	-	-	204	104	H
	** 11.64955	39.71	ADV	38.4	-38.2	.53	40.44	54	-13.56	-	-	-	-	204	104	H
8	*** 8.1092	49.57	Pk	35.8	-41	0	44.37	54	-9.63	74	-29.63	-	-	0-360	101	H
9	*** 9.39394	48.35	Pk	36.2	-39.9	0	44.65	54	-9.35	74	-29.35	-	-	0-360	199	H
7	*** 11.64759	55.27	PK-U	38.4	-38.2	0	55.47	-	-	74	-18.53	-	-	140	124	V
	*** 11.64842	41.71	ADV	38.4	-38.2	.53	42.44	54	-11.56	-	-	-	-	140	124	V
10	*** 8.15364	49.71	Pk	35.8	-40.9	0	44.61	54	-9.39	74	-29.39	-	-	0-360	199	V
11	*** 9.42554	48.53	Pk	36.3	-40.2	0	44.63	54	-9.37	74	-29.37	-	-	0-360	101	V
1	5.70007	39.97	Pk	34.6	-22.8	0	51.77	-	-	-	-	68.2	-16.43	0-360	101	H
5	5.70274	37.74	Pk	34.6	-22.9	0	49.44	-	-	-	-	68.2	-18.76	0-360	101	V
2	5.94456	38.45	Pk	35.1	-22.8	0	50.75	-	-	-	-	68.2	-17.45	0-360	101	H
3	7.76654	52.06	Pk	35.8	-41.3	0	46.56	-	-	-	-	68.2	-21.64	0-360	101	H
6	7.76654	52.82	Pk	35.8	-41.3	0	47.32	-	-	-	-	68.2	-20.88	0-360	101	V

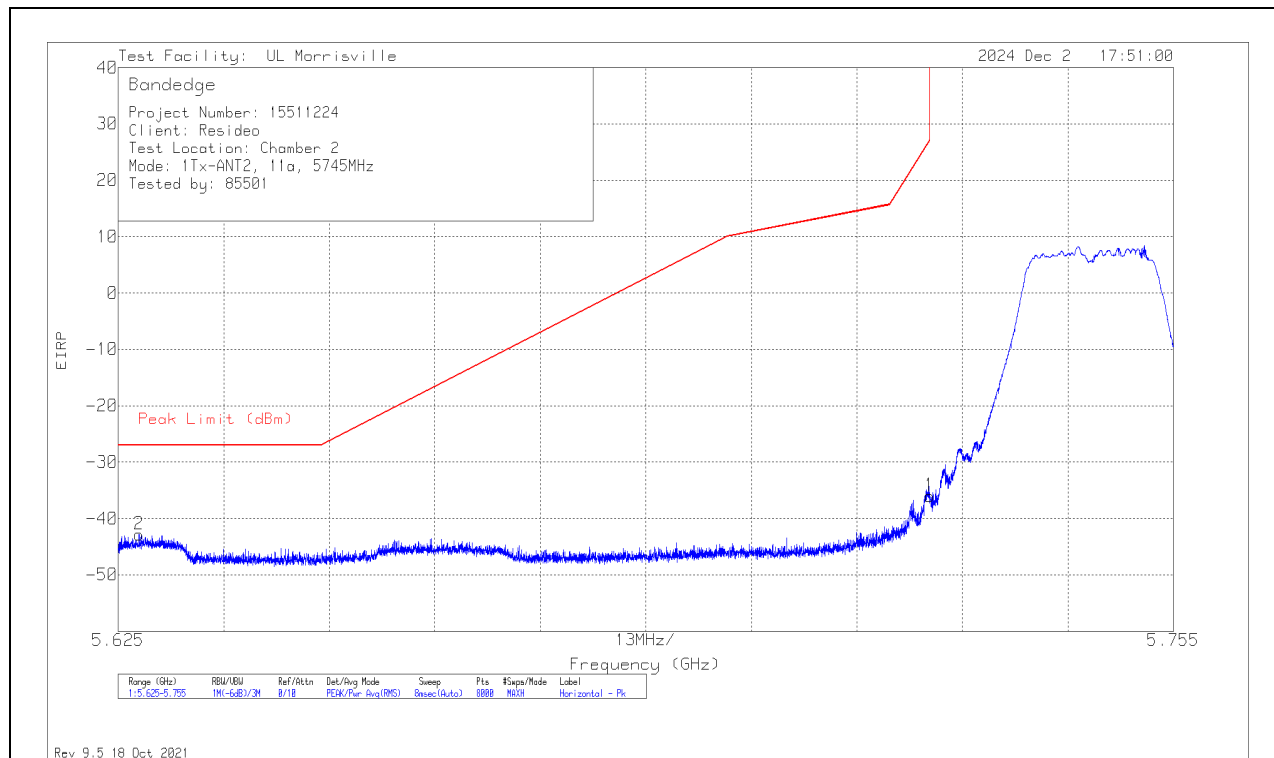
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

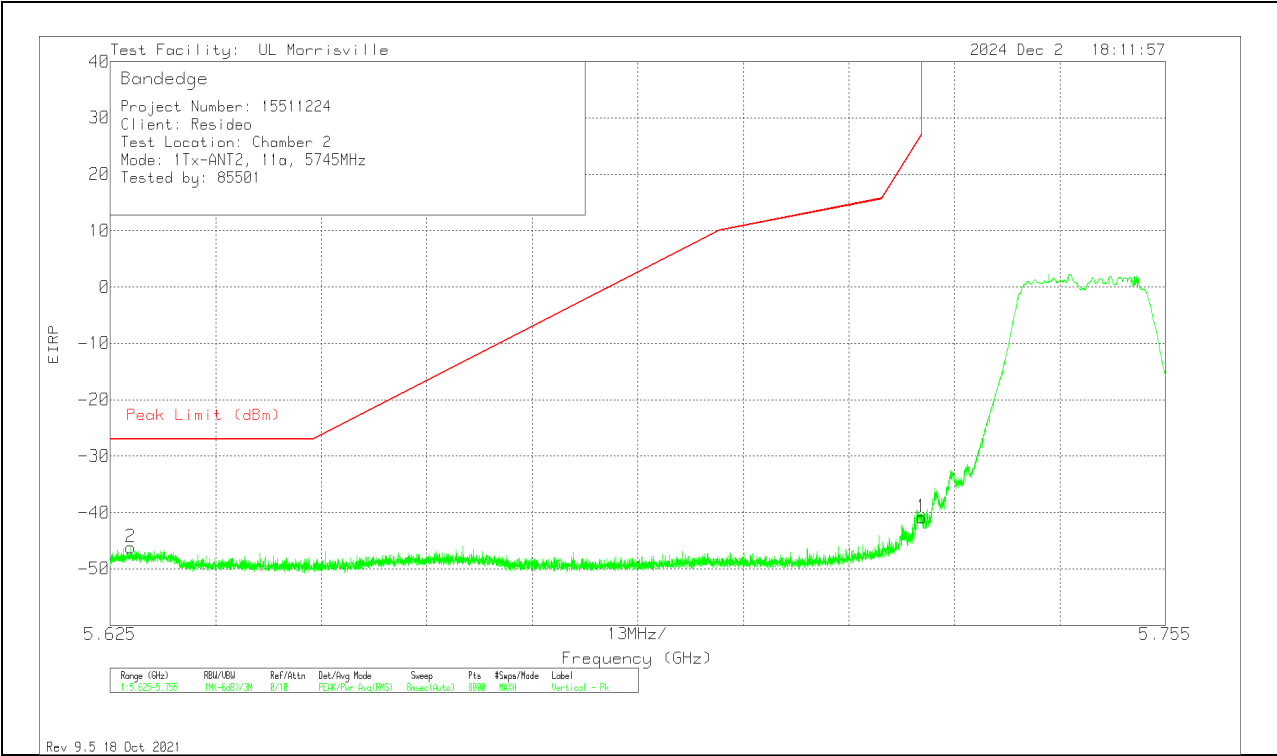
ADV - Linear Voltage Average

1TX Antenna 2 MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62757	-66.04	Pk	34.6	-23.2	11.8	0	-42.84	-27	-15.84	356	145	H
1	5.725	-59.34	Pk	34.6	-23.1	11.8	0	-36.04	27	-63.04	356	145	H

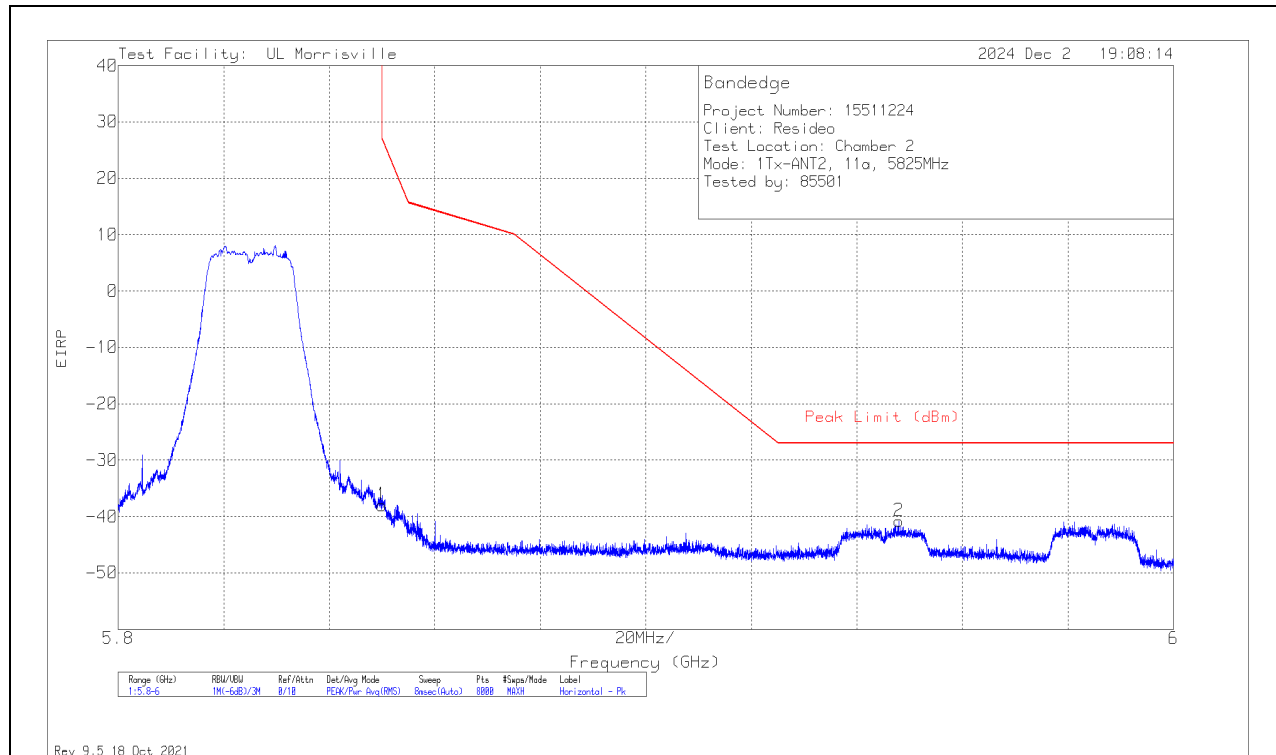
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62752	-69.4	Pk	34.6	-23.2	11.8	0	-46.2	-27	-19.2	170	152	V
1	5.725	-64.1	Pk	34.6	-23.1	11.8	0	-40.8	27	-67.8	170	152	V

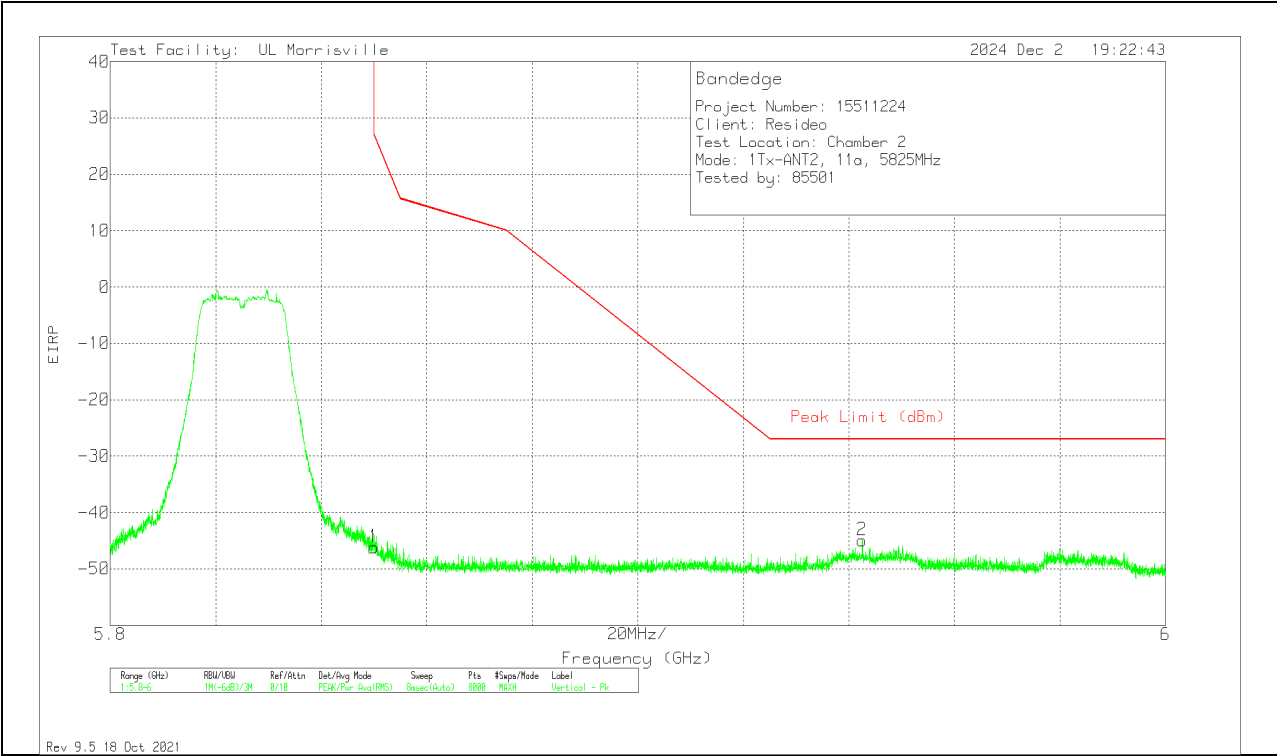
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-61.46	Pk	34.9	-23.2	11.8	0	-37.96	26.99	-64.95	349	143	H
2	5.94794	-64.99	Pk	35.1	-22.7	11.8	0	-40.79	-27	-13.79	349	143	H

Pk - Peak detector

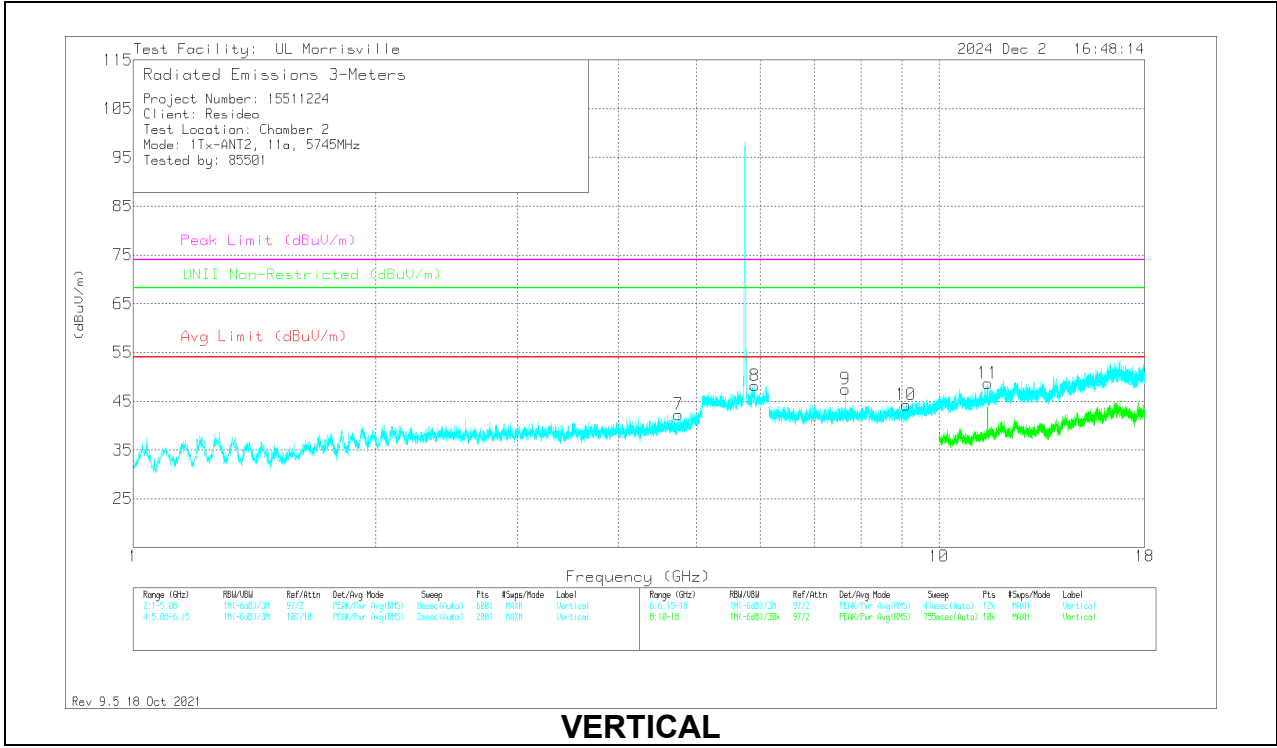
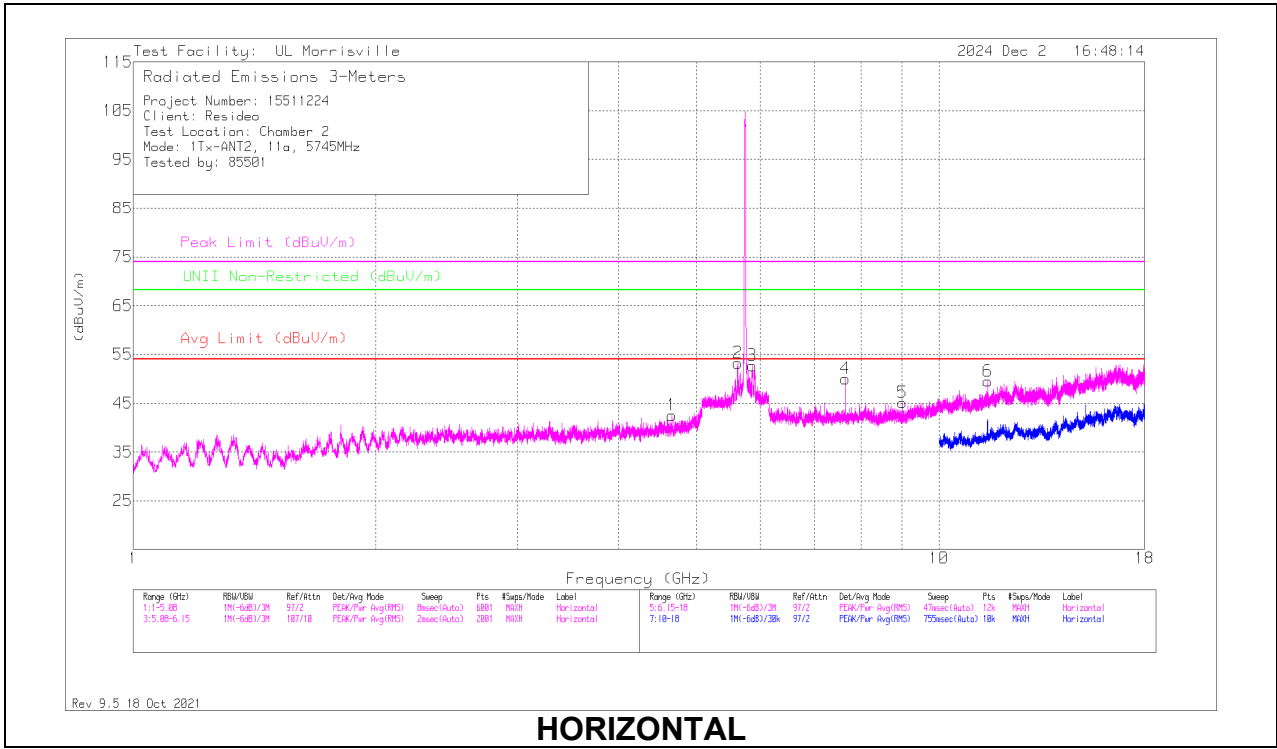
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-69.62	Pk	34.9	-23.2	11.8	0	-46.12	26.99	-73.11	59	390	V
2	5.94254	-69.1	Pk	35.1	-22.7	11.8	0	-44.9	-27	-17.9	59	390	V

Pk - Peak detector

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	*** 4.6584	52.12	Pk	34.1	-43.7	0	42.52	54	-11.48	74	-31.48	-	-	0-360	200	H
7	*** 4.74816	51.51	Pk	34.2	-43.5	0	42.21	54	-11.79	74	-31.79	-	-	0-360	101	V
4	*** 7.6601	58.02	PK-U	35.7	-41.5	0	52.22	-	-	74	-21.78	-	-	39	106	H
	*** 7.66003	54.06	ADV	35.7	-41.5	.53	48.79	54	-5.21	-	-	-	-	39	106	H
5	*** 9.01079	49.53	Pk	35.9	-40.3	0	45.13	54	-8.87	74	-28.87	-	-	0-360	200	H
6	*** 11.49131	52.74	PK-U	38.1	-39.3	0	51.54	-	-	74	-22.46	-	-	294	101	H
	*** 11.49041	40.02	ADV	38.1	-39.3	.53	39.35	54	-14.65	-	-	-	-	294	101	H
9	*** 7.65989	53.25	Pk	35.7	-41.5	0	47.45	54	-6.55	74	-26.55	-	-	0-360	101	V
10	*** 9.09769	48.69	Pk	35.9	-40.3	0	44.29	54	-9.71	74	-29.71	-	-	0-360	101	V
11	*** 11.4991	52.68	PK-U	38.1	-39.6	0	51.18	-	-	74	-22.82	-	-	227	102	V
	*** 11.49901	39.46	ADV	38.1	-39.6	.53	38.49	54	-15.51	-	-	-	-	227	102	V
2	5.62998	41.7	Pk	34.6	-23.1	0	53.2	-	-	-	-	68.2	-15	0-360	101	H
3	5.86806	40.5	Pk	34.9	-22.7	0	52.7	-	-	-	-	68.2	-15.5	0-360	101	H
8	5.91032	35.61	Pk	35	-22.4	0	48.21	-	-	-	-	68.2	-19.99	0-360	101	V

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

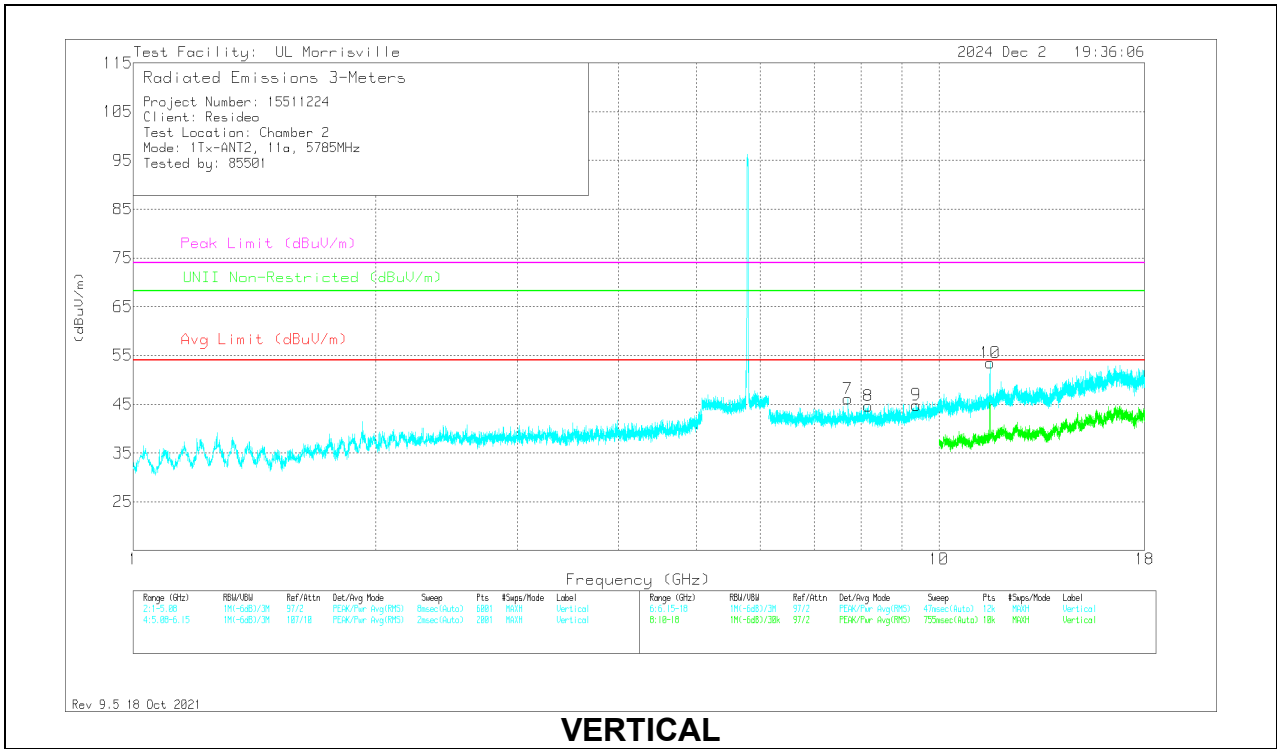
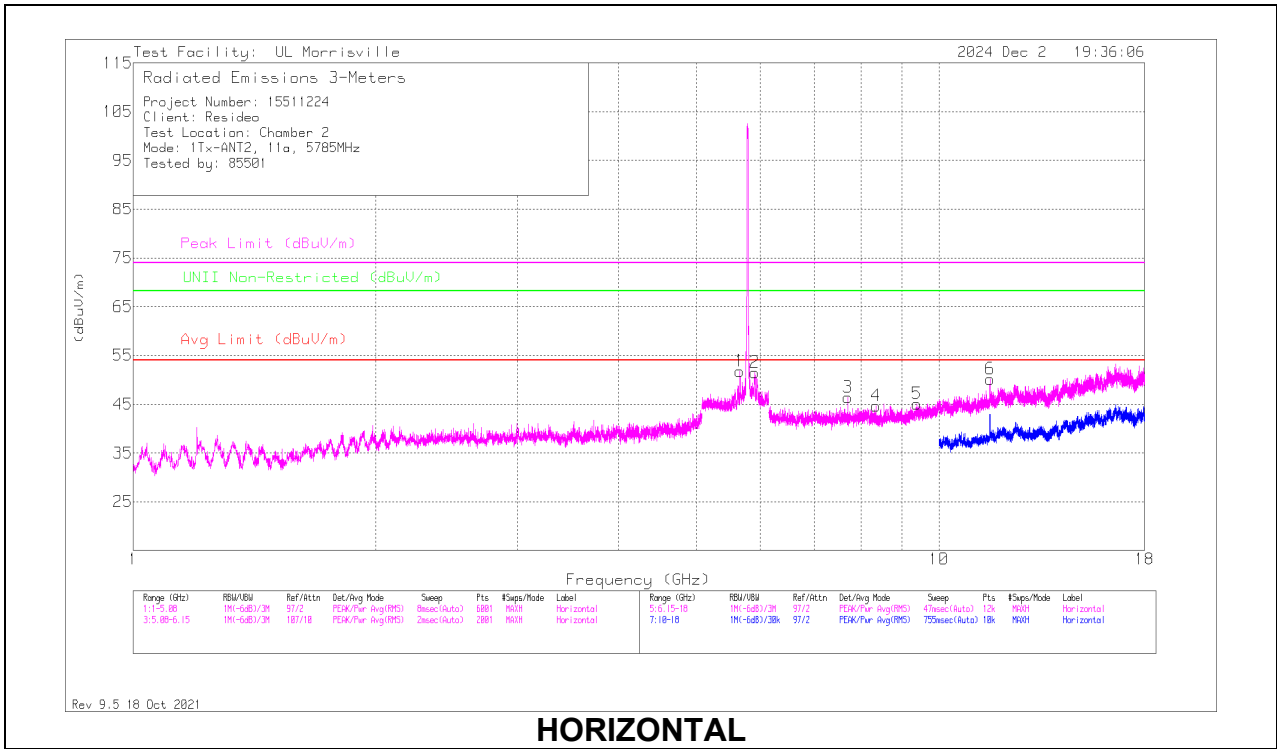
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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	** 7.71321	52.26	Pk	35.7	-41.5	0	46.46	54	-7.54	74	-27.54	-	-	0-360	101	H
4	** 8.34916	49.74	Pk	35.8	-40.9	0	44.64	54	-9.36	74	-29.36	-	-	0-360	200	H
5	** 9.3969	48.8	Pk	36.2	-39.9	0	45.1	54	-8.9	74	-28.9	-	-	0-360	200	H
6	** 11.57143	54.6	PK-U	38.2	-39.1	0	53.7	-	-	74	-20.3	-	-	297	108	H
	** 11.57038	42.31	ADV	38.2	-39.1	.53	41.94	54	-12.06	-	-	-	-	297	108	H
7	** 7.71321	51.89	Pk	35.7	-41.5	0	46.09	54	-7.91	74	-27.91	-	-	0-360	101	V
8	** 8.16845	49.31	Pk	35.8	-40.5	0	44.61	54	-9.39	74	-29.39	-	-	0-360	200	V
9	** 9.37024	48.7	Pk	36.1	-40	0	44.8	54	-9.2	74	-29.2	-	-	0-360	200	V
10	** 11.57004	57.46	PK-U	38.2	-39.1	0	56.56	-	-	74	-17.44	-	-	86	109	V
	** 11.56998	44.65	ADV	38.2	-39.1	.53	44.28	54	-9.72	-	-	-	-	86	109	V
1	5.66315	40.13	Pk	34.6	-23	0	-	-	-	-	-	68.2	-16.47	0-360	101	H
2	5.90658	39.15	Pk	35	-22.7	0	-	-	-	-	-	68.2	-16.75	0-360	101	H

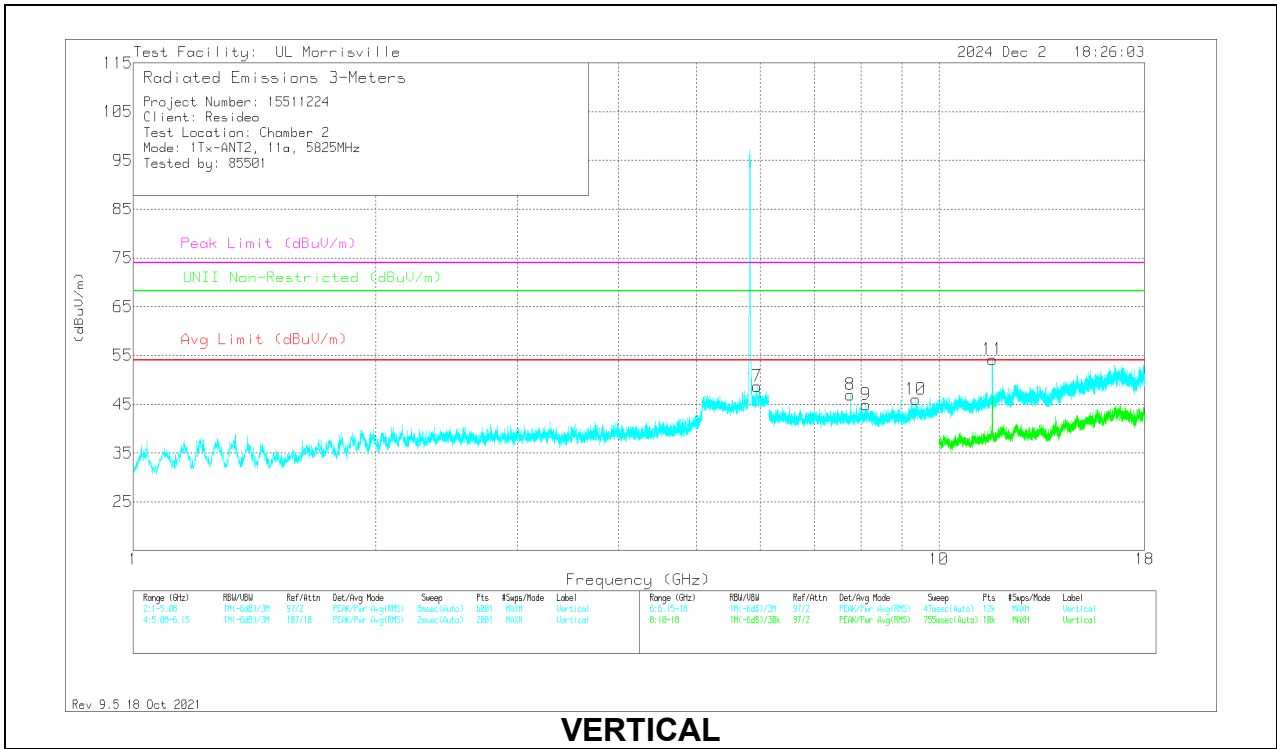
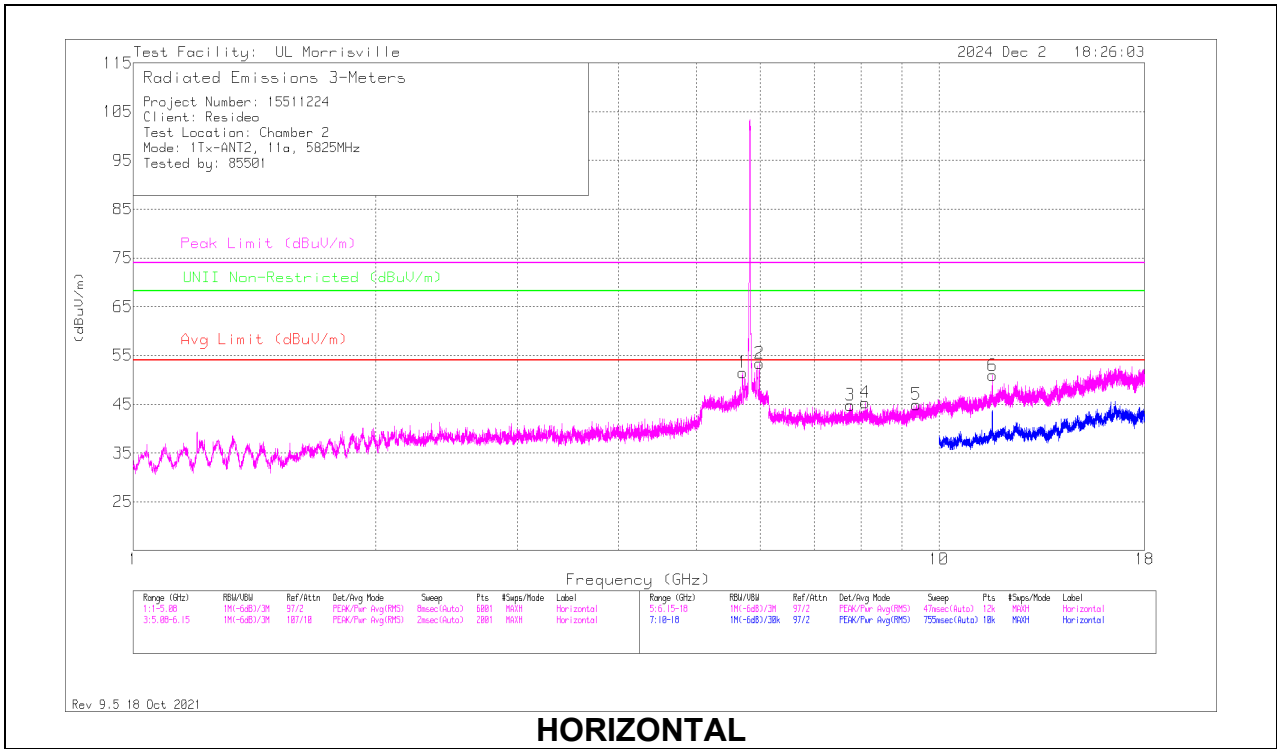
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK-U - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (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
4	*** 8.09834	50.6	Pk	35.8	-41.1	0	45.3	54	-8.7	74	-28.7	-	-	0-360	101	H
5	*** 9.37123	48.95	Pk	36.1	-40.1	0	44.95	54	-9.05	74	-29.05	-	-	0-360	101	H
6	*** 11.65031	54.41	PK-U	38.4	-38.2	0	54.61	-	-	74	-19.39	-	-	297	119	H
	*** 11.64975	41.88	ADV	38.4	-38.2	.53	42.61	54	-11.39	-	-	-	-	297	119	H
9	*** 8.11019	50.14	Pk	35.8	-41	0	44.94	54	-9.06	74	-29.06	-	-	0-360	200	V
10	*** 9.36234	49.74	Pk	36.1	-39.8	0	46.04	54	-7.96	74	-27.96	-	-	0-360	101	V
11	*** 11.65051	58.05	PK-U	38.4	-38.2	0	58.25	-	-	74	-15.75	-	-	77	117	V
	*** 11.6498	45.58	ADV	38.4	-38.2	.53	46.31	54	-7.69	-	-	-	-	77	117	V
1	5.7097	40.23	Pk	34.6	-23.3	0	51.53	-	-	-	-	68.2	-16.67	0-360	101	H
7	5.94724	36.31	Pk	35.1	-22.7	0	48.71	-	-	-	-	68.2	-19.49	0-360	101	V
2	5.99004	40.94	Pk	35.2	-22.8	0	53.34	-	-	-	-	68.2	-14.86	0-360	101	H
3	7.76654	50.26	Pk	35.8	-41.3	0	44.76	-	-	-	-	68.2	-23.44	0-360	101	H
8	7.76654	52.41	Pk	35.8	-41.3	0	46.91	-	-	-	-	68.2	-21.29	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

PK-U - Maximum Peak

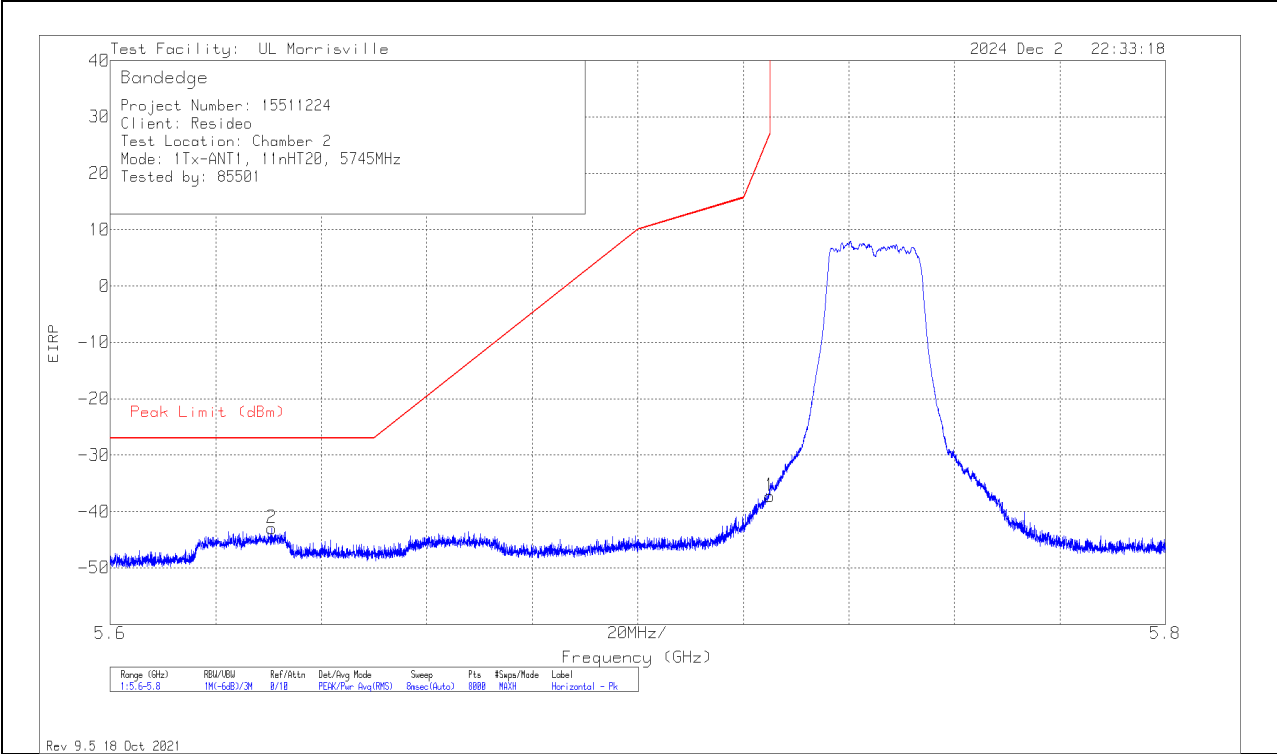
ADV - Linear Voltage Average

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

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL)

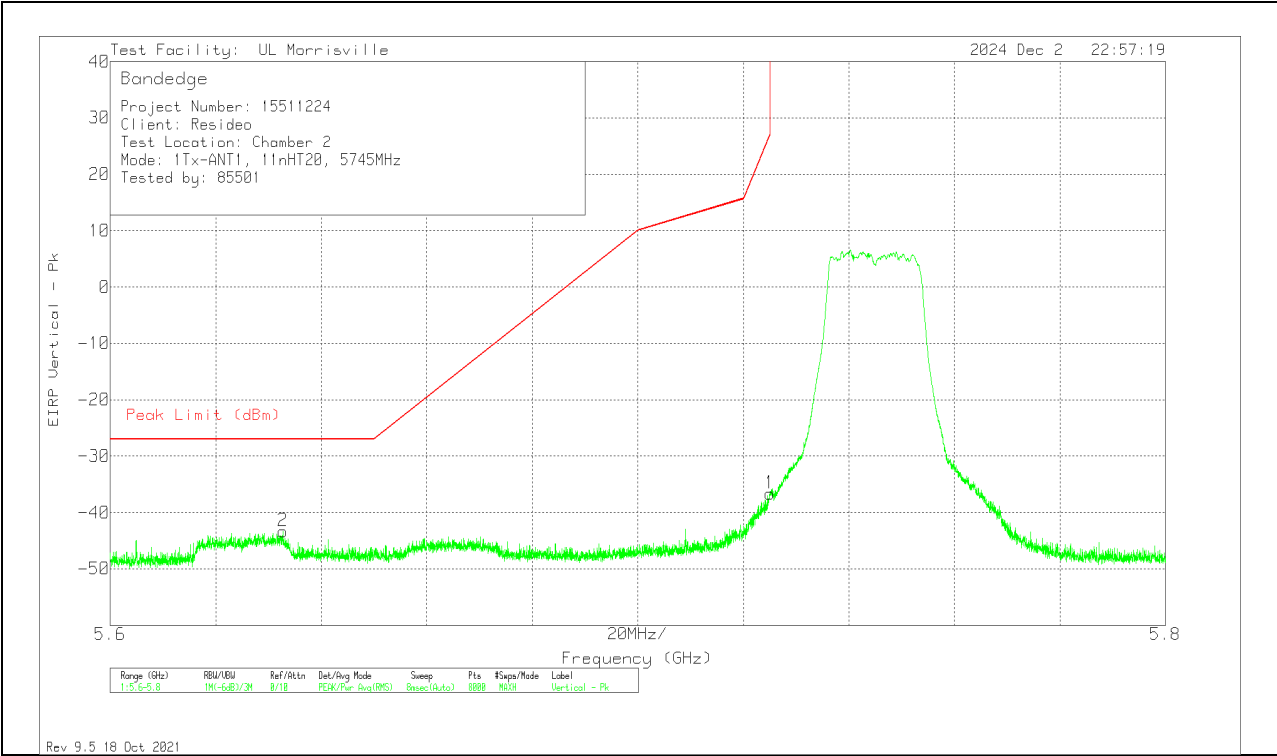
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6306	-66.36	Pk	34.6	-23	11.8	0	-42.96	-27	-15.96	89	224	H
1	5.72499	-60.55	Pk	34.6	-23.1	11.8	0	-37.25	26.98	-64.23	89	224	H

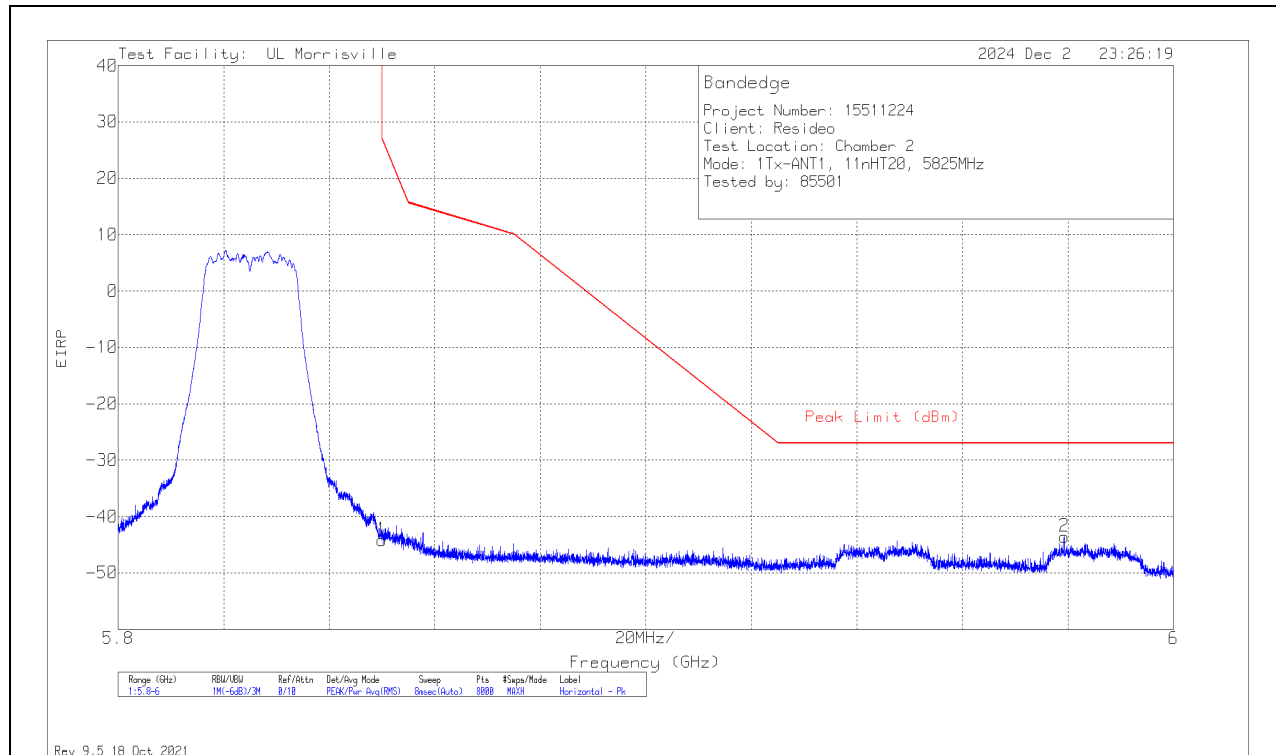
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.6327	-66.78	Pk	34.6	-22.9	11.8	0	-43.28	-27	-16.28	41	120	V
1	5.72499	-59.91	Pk	34.6	-23.1	11.8	0	-36.61	26.98	-63.59	41	120	V

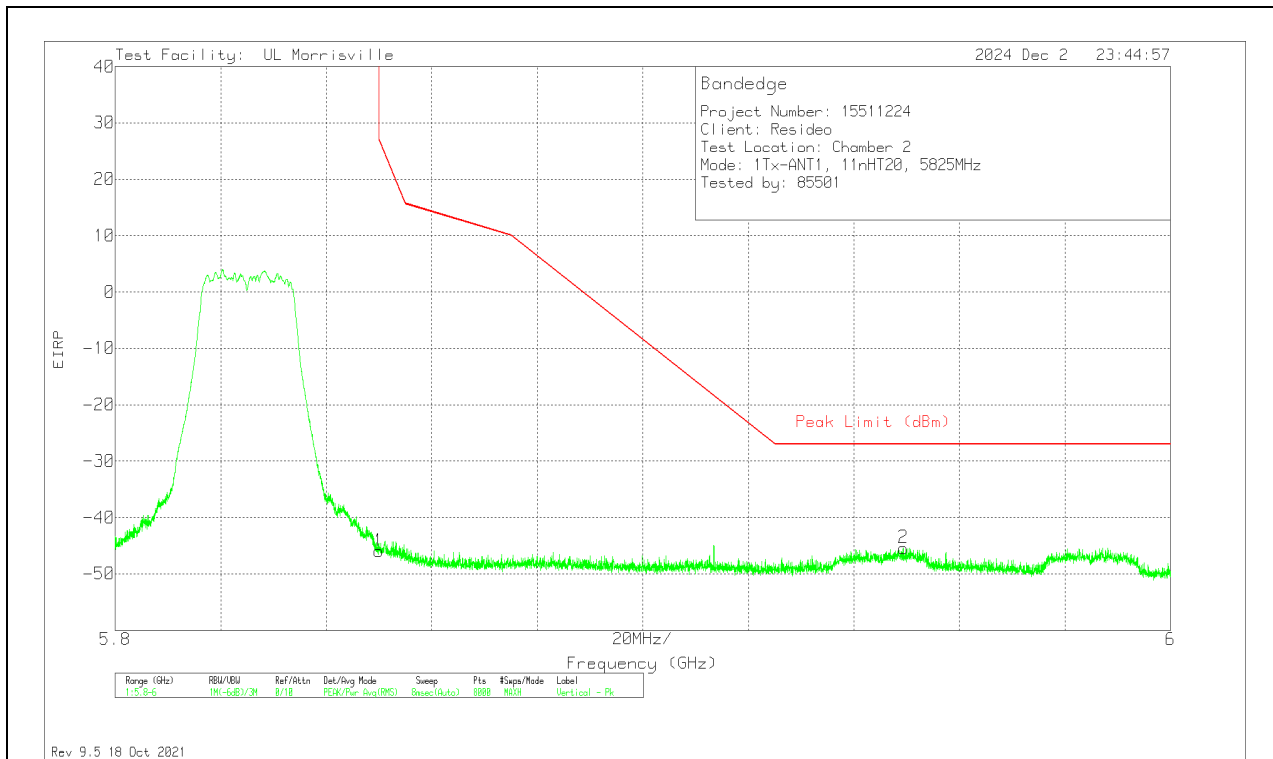
Pk - Peak detector

BANDEDGE (HIGH CHANNEL)**HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-67.71	Pk	34.9	-23.2	11.8	0	-44.21	26.99	-71.2	74	163	H
2	5.97927	-67.86	Pk	35.2	-22.7	11.8	0	-43.56	-27	-16.56	74	163	H

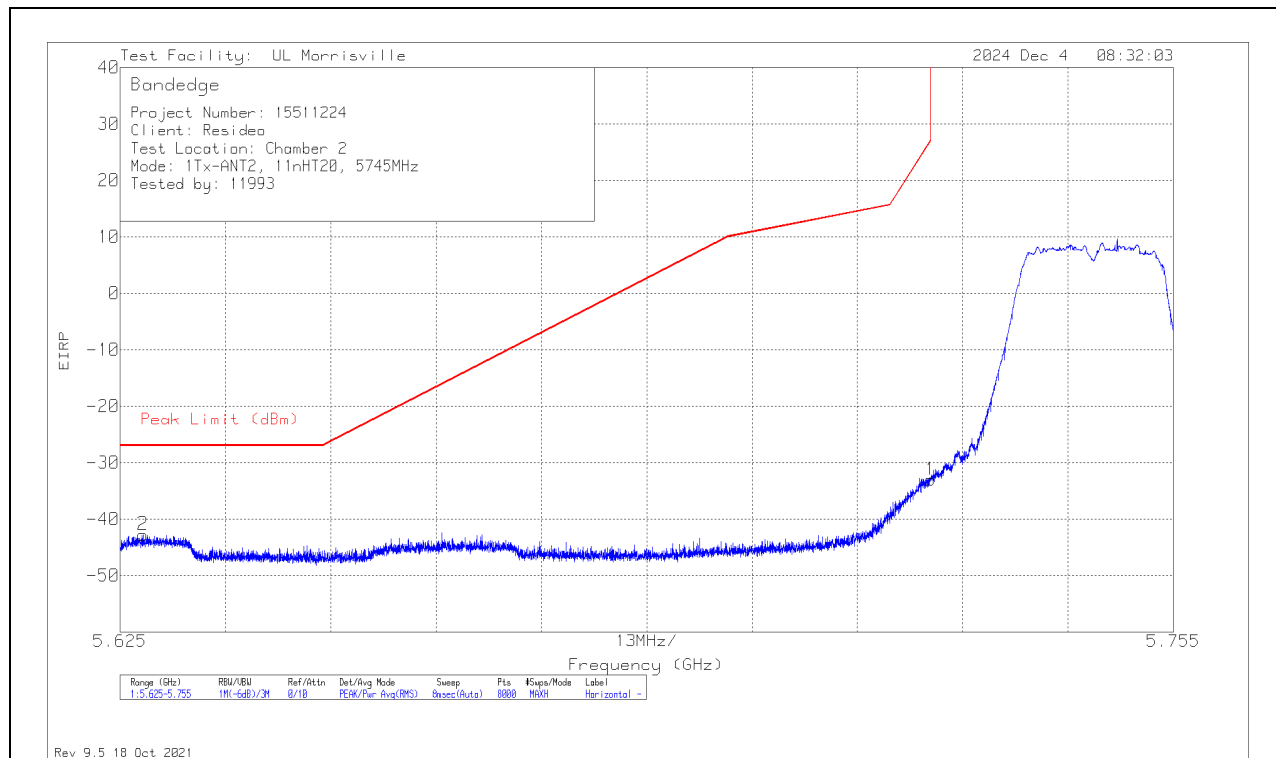
Pk - Peak detector

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-69.48	Pk	34.9	-23.2	11.8	0	-45.98	26.99	-72.97	257	205	V
2	5.94942	-69.71	Pk	35.1	-22.6	11.8	0	-45.41	-27	-18.41	257	205	V

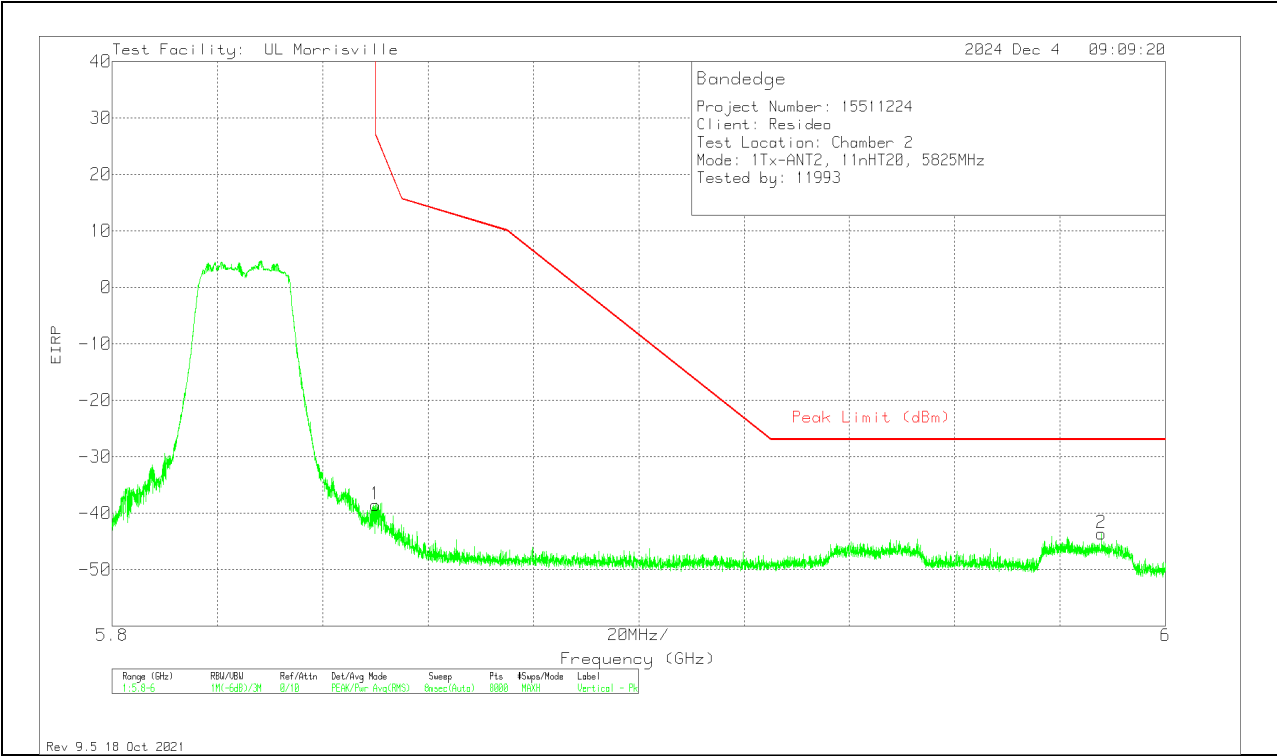
Pk - Peak detector

1TX Antenna 2 MODE**BANDEDGE (LOW CHANNEL)****HORIZONTAL RESULT**

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	5.62781	-65.97	Pk	34.6	-23.2	11.8	-42.77	-27	-15.77	268	152	H
1	5.725	-56.35	Pk	34.6	-23.1	11.8	-33.05	27	-60.05	268	152	H

Pk - Peak detector

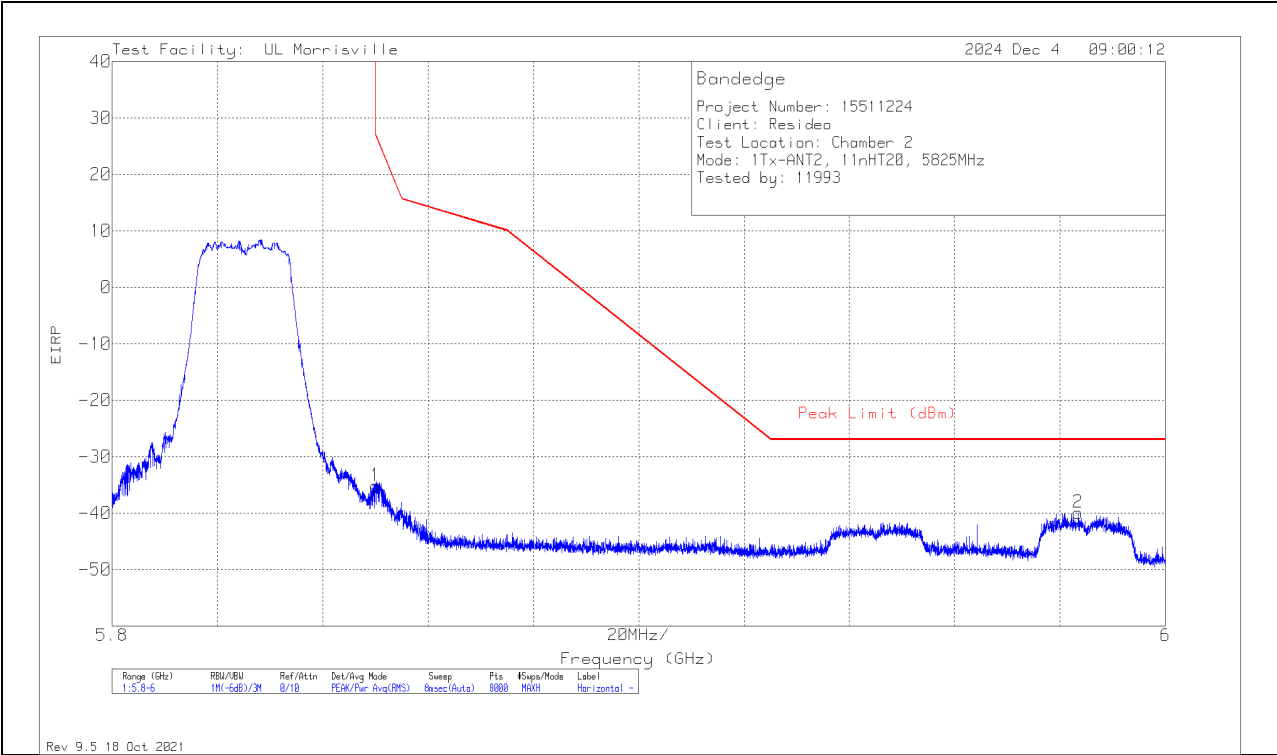
VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-62.02	Pk	34.9	-23.2	11.8	-38.52	26.99	-65.51	103	105	V
2	5.98785	-67.88	Pk	35.2	-22.7	11.8	-43.58	-27	-16.58	103	105	V

Pk - Peak detector

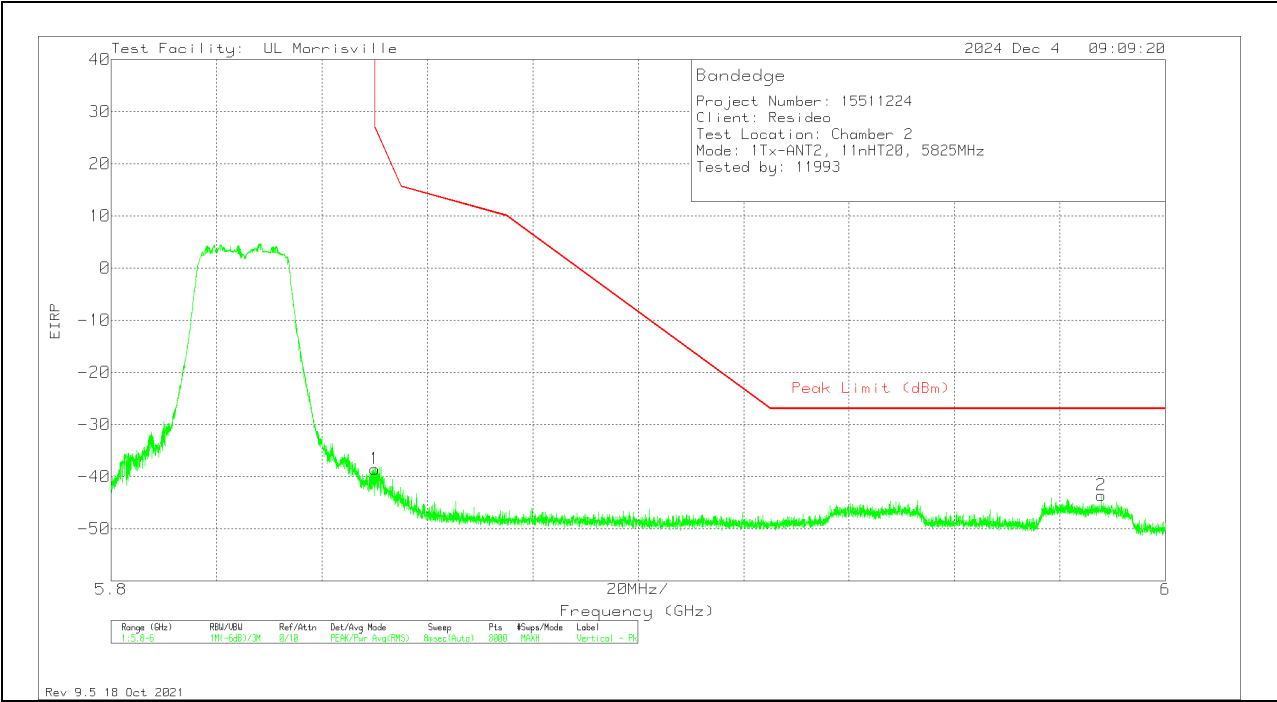
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-58.69	Pk	34.9	-23.2	11.8	-35.19	26.99	-62.18	261	159	H
2	5.98345	-64.25	Pk	35.2	-22.7	11.8	-39.95	-27	-12.95	261	159	H

Pk - Peak detector

VERTICAL RESULT

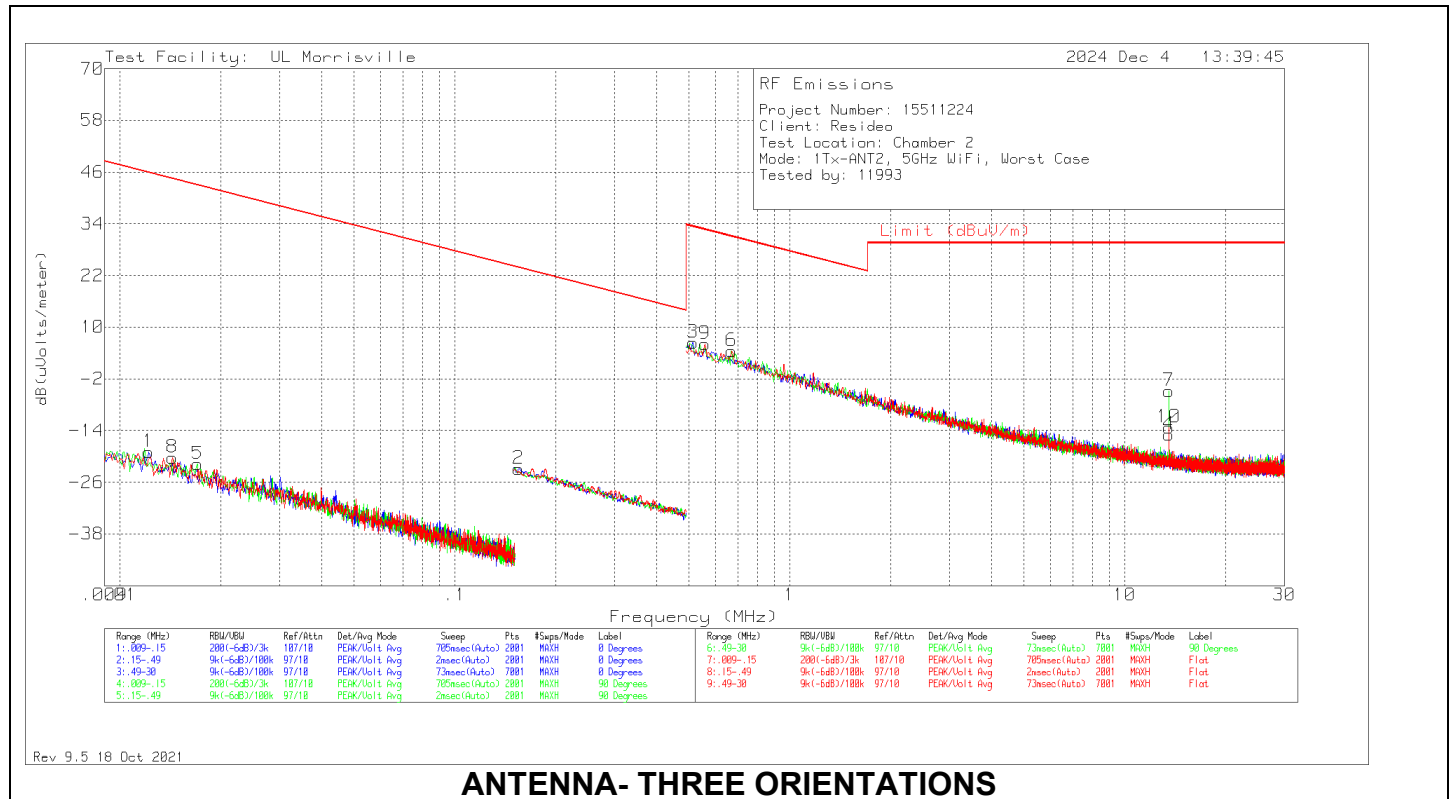


Marker	Frequency (GHz)	Meter Reading (dBm)	Det	86408 (dB/m)	Gain/Loss (dB)	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85001	-62.02	Pk	34.9	-23.2	11.8	-38.52	26.99	-65.51	103	105	V
2	5.98785	-67.88	Pk	35.2	-22.7	11.8	-43.58	-27	-16.58	103	105	V

Pk - Peak detector

10.2. TRANSMITTER WORST CASE

10.2.1. SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- THREE ORIENTATIONS

E-Field Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0122	43.63	Pk	17.3	.1	-80	-18.97	45.88	65.88	-64.85	0-360	0 degs
8	.01433	43.31	Pk	16.3	.1	-80	-20.29	44.48	64.48	-64.77	0-360	Flat
5	.01702	42.89	Pk	15.2	.1	-80	-21.81	42.98	62.98	-64.79	0-360	90 degs
2	.1551	46.01	Pk	11	.1	-80	-22.89	23.79	43.79	-46.68	0-360	0 degs
3	.5153	35.33	Pk	11	.1	-40	6.43	33.36	-	-26.93	0-360	0 degs
9	.55746	34.99	Pk	11	.1	-40	6.09	32.68	-	-26.59	0-360	Flat
6	.67129	33.35	Pk	11	.1	-40	4.45	31.07	-	-26.62	0-360	90 degs
4	13.5596	14.74	Pk	9.8	.6	-40	-14.86	29.54	-	-44.4	0-360	0 degs
7	13.5596	24.84	Pk	9.8	.6	-40	-4.76	29.54	-	-34.3	0-360	90 degs
10	13.5596	16.31	Pk	9.8	.6	-40	-13.29	29.54	-	-42.83	0-360	Flat

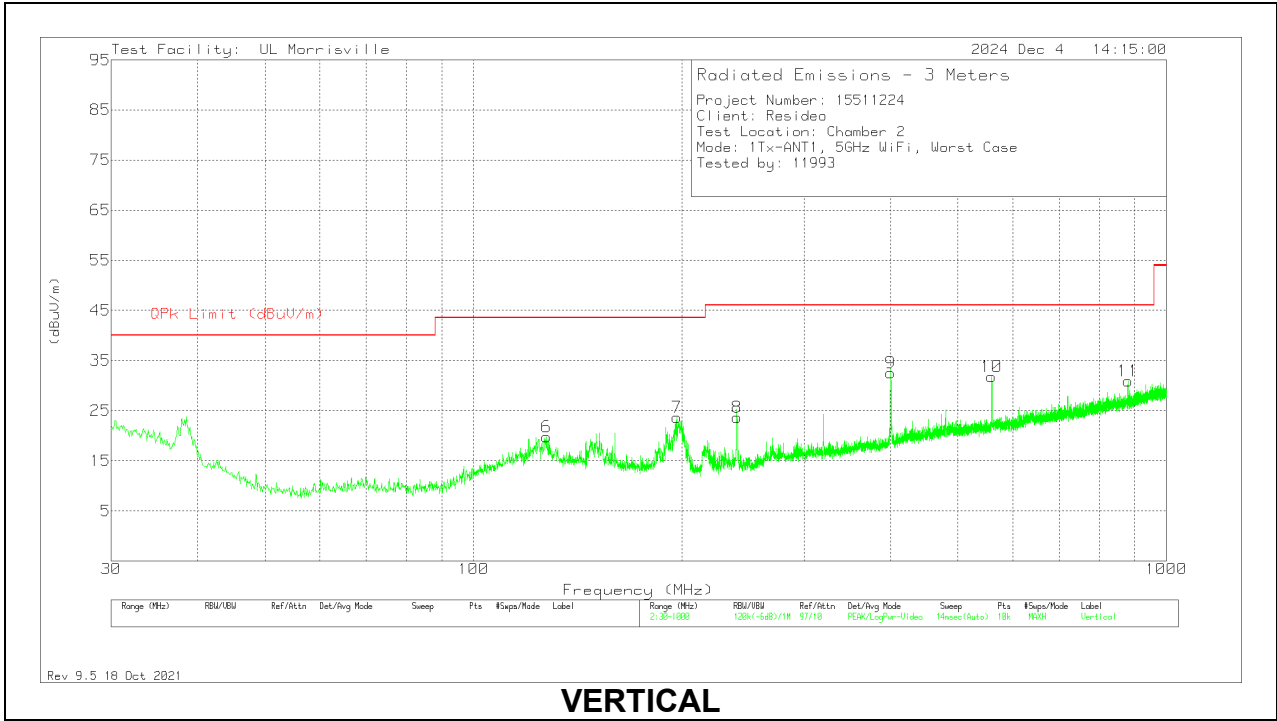
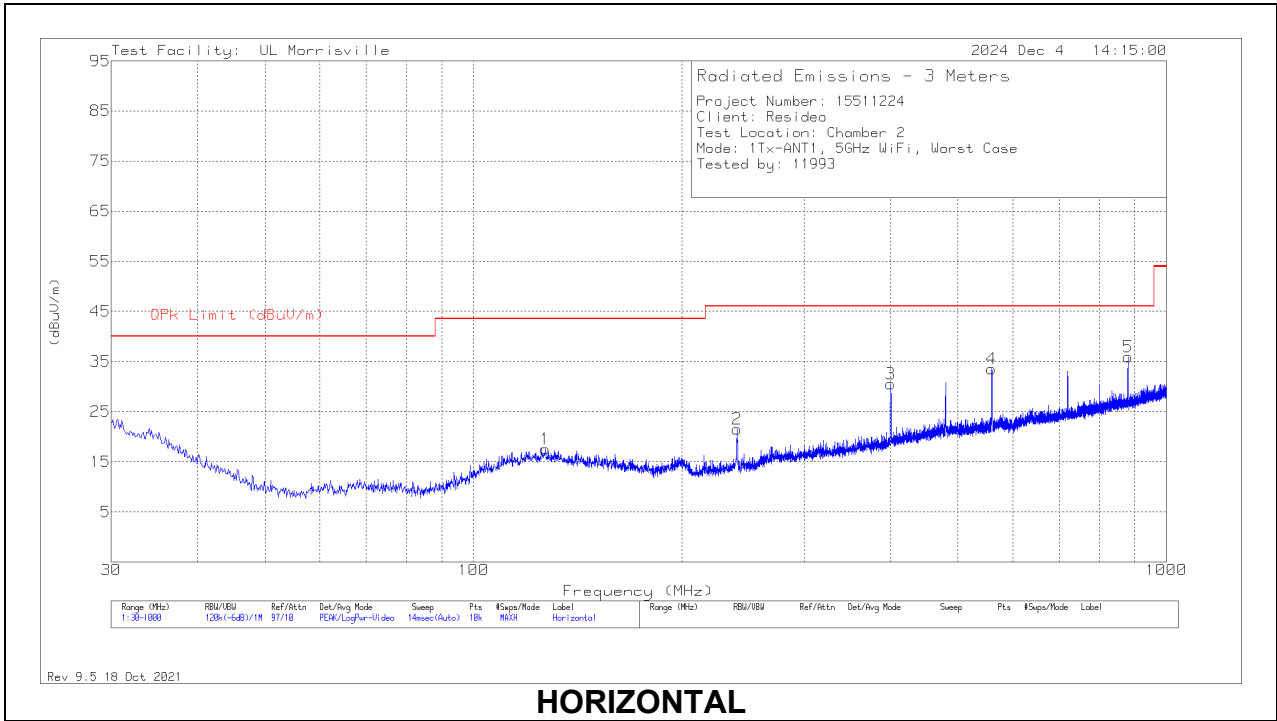
Pk – Peak Detector

H-Field Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0122	43.63	Pk	-34.2	.1	-80	-70.47	-5.62	14.38	-64.85	0-360	0 degs
8	.01433	43.31	Pk	-35.2	.1	-80	-71.79	-7.02	12.98	-64.77	0-360	Flat
5	.01702	42.89	Pk	-36.3	.1	-80	-73.31	-8.52	11.48	-64.79	0-360	90 degs
2	.1551	46.01	Pk	-40.5	.1	-80	-74.39	-27.71	-7.71	-46.68	0-360	0 degs
3	.5153	35.33	Pk	-40.5	.1	-40	-45.07	-18.14	-	-26.93	0-360	0 degs
9	.55746	34.99	Pk	-40.5	.1	-40	-45.41	-18.82	-	-26.59	0-360	Flat
6	.67129	33.35	Pk	-40.5	.1	-40	-47.05	-20.43	-	-26.62	0-360	90 degs
4	13.5596	14.74	Pk	-41.7	.6	-40	-66.36	-21.96	-	-44.4	0-360	0 degs
7	13.5596	24.84	Pk	-41.7	.6	-40	-56.26	-21.96	-	-34.3	0-360	90 degs
10	13.5596	16.31	Pk	-41.7	.6	-40	-64.79	-21.96	-	-42.83	0-360	Flat

Pk – Peak Detector

10.2.2. SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1GHz Data

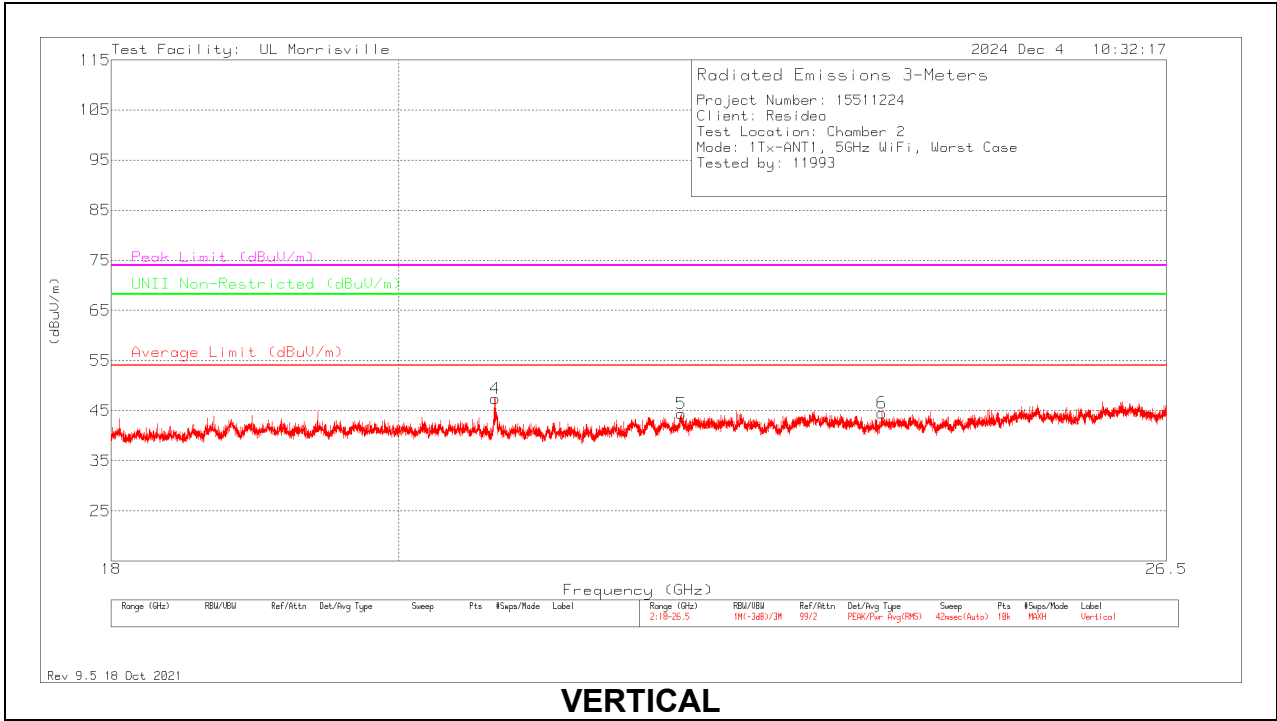
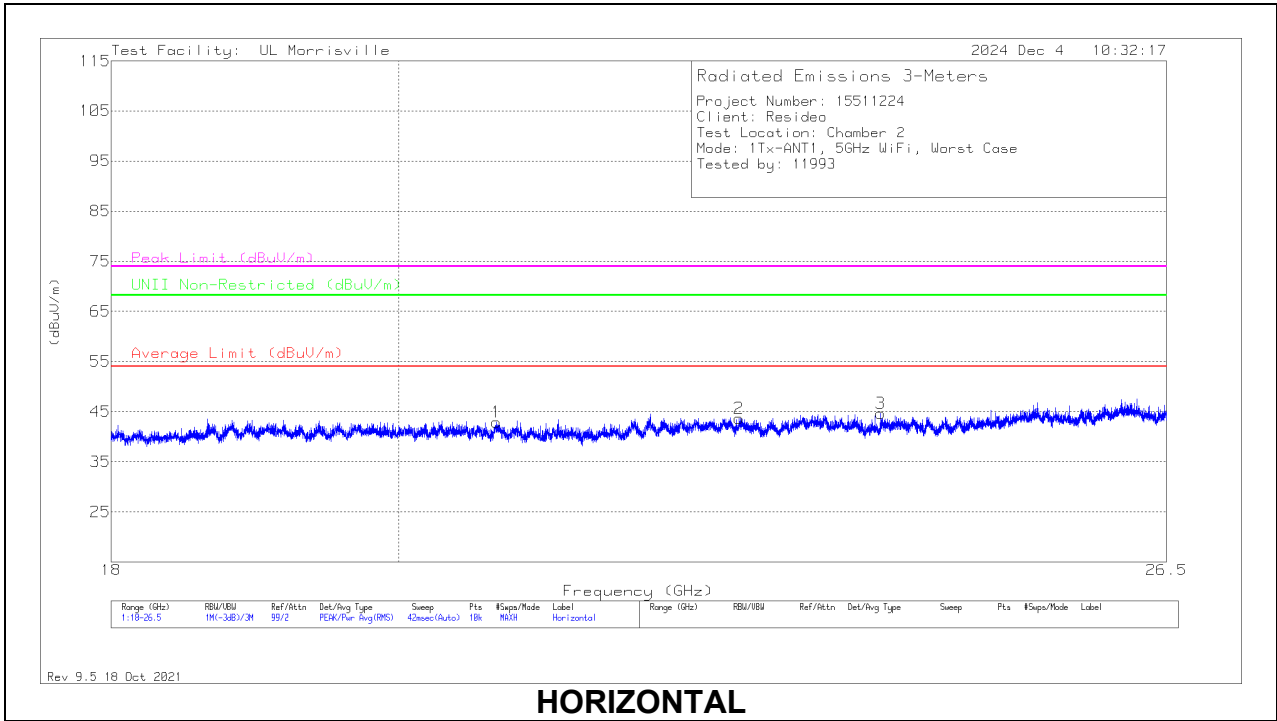
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 127	27.88	Pk	20.3	-30.6	17.58	43.52	-25.94	0-360	299	H
2	* ** 240.005	33.15	Pk	18.1	-29.7	21.55	46.02	-24.47	0-360	101	H
3	* ** 399.958	37.15	Pk	22.1	-28.7	30.55	46.02	-15.47	0-360	101	H
5	** 879.817	33.75	Pk	28.6	-26.4	35.95	46.02	-10.07	0-360	101	H
6	* ** 127.582	30.11	Pk	20.3	-30.6	19.81	43.52	-23.71	0-360	101	V
8	* ** 240.296	35.24	Pk	18.1	-29.7	23.64	46.02	-22.38	0-360	101	V
9	* ** 400.152	39.19	Pk	22.1	-28.7	32.59	46.02	-13.43	0-360	101	V
11	** 880.205	28.74	Pk	28.6	-26.4	30.94	46.02	-15.08	0-360	101	V
7	196.452	35.27	Pk	18.5	-30.1	23.67	-	-	0-360	101	V
10	559.62	34.91	Pk	25	-28.1	31.81	-	-	0-360	101	V
4	559.717	36.68	Pk	25	-28.1	33.58	-	-	0-360	399	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2.3. SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



18 – 26GHz Data

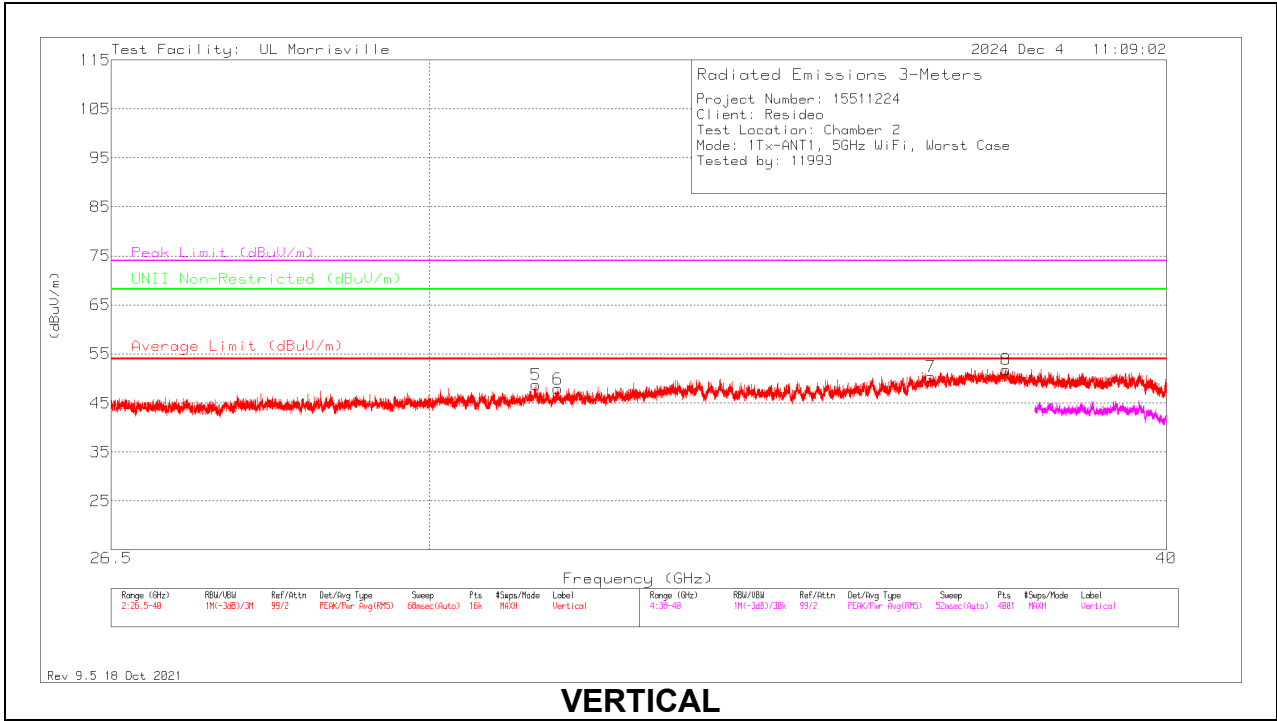
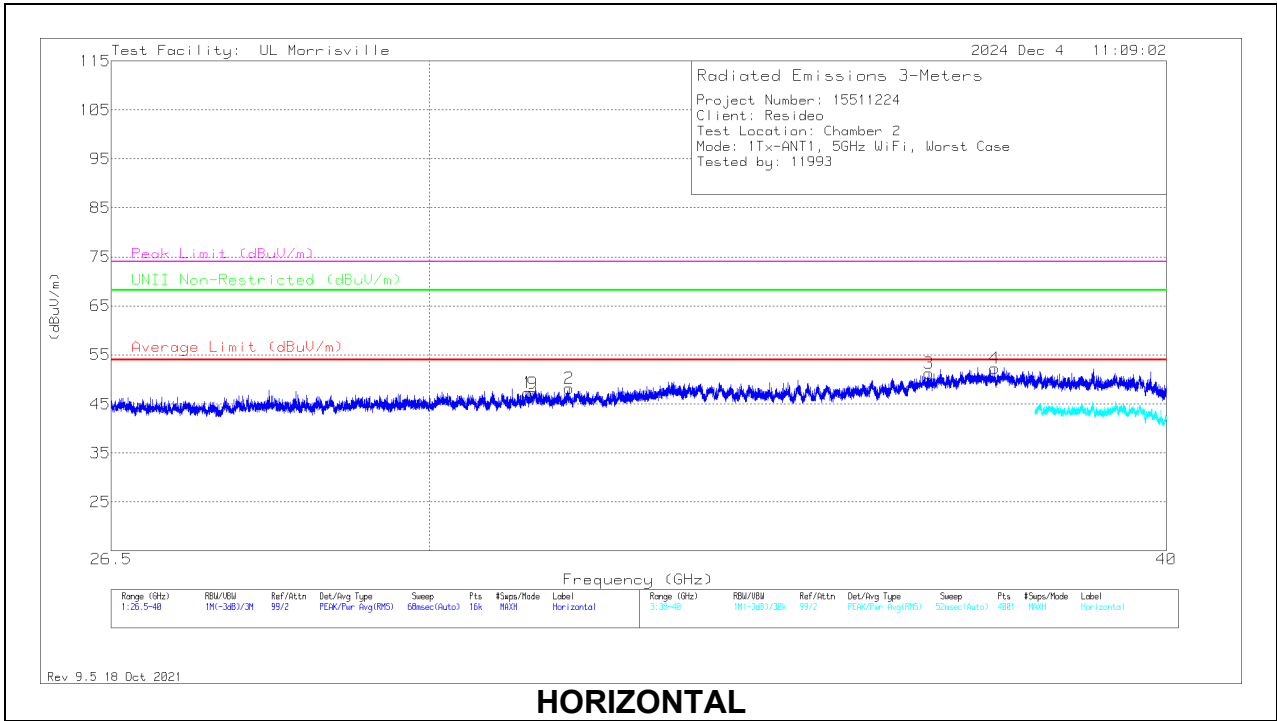
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.72908	47.09	Pk	33.5	-37.7	42.89	54	-11.11	74	-31.11	-	-	0-360	250	H
2	* ** 22.65923	47.14	Pk	34.2	-37.7	43.64	54	-10.36	74	-30.36	-	-	0-360	250	H
3	* ** 23.86526	47.3	Pk	34.4	-37	44.7	54	-9.3	74	-29.3	-	-	0-360	250	H
4	* ** 20.71973	51.76	Pk	33.6	-37.9	47.46	54	-6.54	74	-26.54	-	-	0-360	101	V
5	* ** 22.18328	47.32	Pk	34.3	-37.2	44.42	54	-9.58	74	-29.58	-	-	0-360	250	V
6	* ** 23.87376	46.78	Pk	34.4	-36.6	44.58	54	-9.42	74	-29.42	-	-	0-360	299	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2.4. SPURIOUS EMISSIONS 26-40 GHz (WORST-CASE CONFIGURATION)



26 – 40GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204705 (dB/m)	Gain/Loss (dB)	DC Corr (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
2	*** 31.68459	46.11	PK-U	37	-33.9	0	49.21	-	-	74	-24.79	-	-	66	353	H
	*** 31.68343	32.36	ADV	37	-33.9	.53	35.99	54	-18.01	-	-	-	-	66	353	H
3	*** 36.45702	50.38	PK-U	37.9	-36.6	0	51.68	-	-	74	-22.32	-	-	22	279	H
	*** 36.45618	36.94	ADV	37.9	-36.6	.53	38.77	54	-15.23	74	-35.23	-	-	22	279	H
9	*** 31.23483	44.34	Pk	36.9	-34	0	47.24	54	-6.76	74	-26.76	-	-	0-360	300	H
5	*** 31.27722	46.55	PK-U	37	-34.1	0	49.45	-	-	74	-24.55	-	-	157	155	V
	*** 31.27687	32.98	ADV	37	-34.1	.53	36.41	54	-17.59	74	-37.59	-	-	157	155	V
6	*** 31.54446	44.98	Pk	36.7	-33.8	0	47.88	54	-6.12	74	-26.12	-	-	0-360	101	V
7	*** 36.48247	50.02	PK-U	37.9	-36.7	0	51.22	-	-	74	-22.78	-	-	113	361	V
	*** 36.48354	36.94	ADV	37.9	-36.7	.53	38.67	54	-15.33	-	-	-	-	113	361	V
1	31.17999	44.48	Pk	36.9	-34.1	0	47.28	-	-	-	-	68.2	-20.92	0-360	149	H
4	37.40731	50.85	Pk	37.9	-36.5	0	52.25	-	-	-	-	68.2	-15.95	0-360	200	H
8	37.57268	49.86	Pk	38	-36.1	0	51.76	-	-	-	-	68.2	-16.44	0-360	300	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

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.

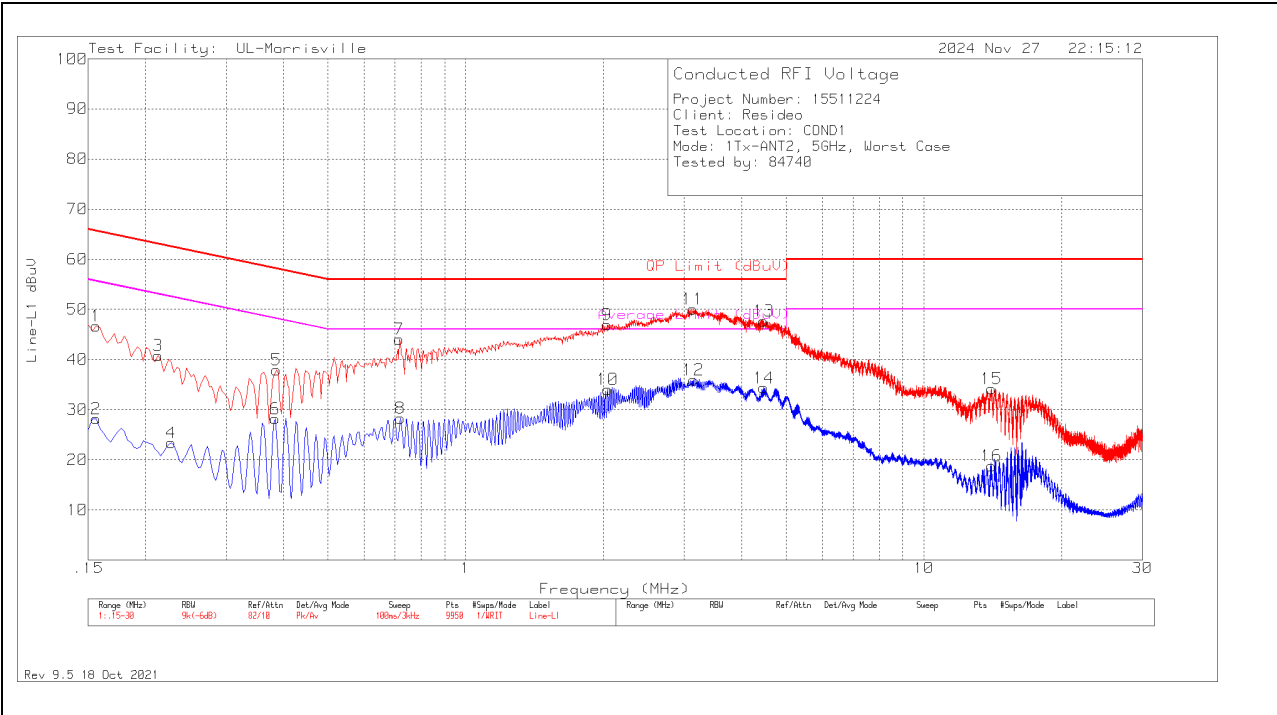
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line Norm

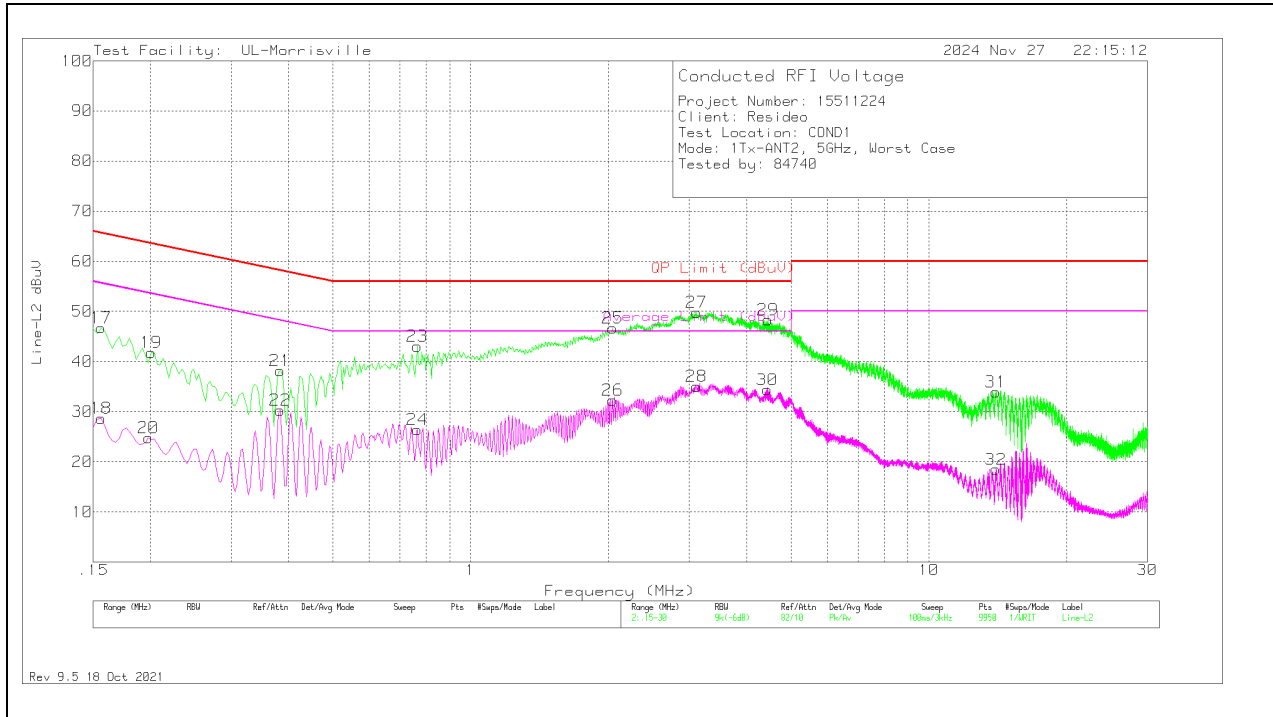
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.156	36.64	Pk	.2	9.8	46.64	65.67	-19.03	-	-
2	.156	18.21	Av	.2	9.8	28.21	-	-	55.67	-27.46
3	.213	30.91	Pk	.1	9.8	40.81	63.09	-22.28	-	-
4	.228	13.45	Av	.1	9.8	23.35	-	-	52.52	-29.17
5	.387	27.98	Pk	.1	9.8	37.88	58.13	-20.25	-	-
6	.384	18.31	Av	.1	9.8	28.21	-	-	48.19	-19.98
7	.717	34.24	Pk	0	9.8	44.04	56	-11.96	-	-
8	.72	18.44	Av	0	9.8	28.24	-	-	46	-17.76
9	2.037	37.17	Pk	0	9.8	46.97	56	-9.03	-	-
10	2.04	24.21	Av	0	9.8	34.01	-	-	46	-11.99
11	3.12978	36.59	Qp	0	9.8	46.39	56	-9.61	-	-
12	3.138	26.08	Av	0	9.8	35.88	-	-	46	-10.12
13	4.476	37.64	Pk	.1	9.9	47.64	56	-8.36	-	-
14	4.476	24.35	Av	.1	9.9	34.35	-	-	46	-11.65
15	14.055	24.11	Pk	.1	10	34.21	60	-25.79	-	-
16	14.046	8.64	Av	.1	10	18.74	-	-	50	-31.26

Pk - Peak detector
Av - Average detection
Qp - Quasi-Peak detector

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
17	.156	36.74	Pk	.2	9.8	46.74	65.67	-18.93	-	-
18	.156	18.68	Av	.2	9.8	28.68	-	-	55.67	-26.99
19	.201	31.92	Pk	.1	9.8	41.82	63.57	-21.75	-	-
20	.198	14.73	Av	.2	9.8	24.73	-	-	53.69	-28.96
21	.384	28.28	Pk	.1	9.8	38.18	58.19	-20.01	-	-
22	.384	20.37	Av	.1	9.8	30.27	-	-	48.19	-17.92
23	.765	33.25	Pk	0	9.8	43.05	56	-12.95	-	-
24	.765	16.6	Av	0	9.8	26.4	-	-	46	-19.6
25	2.043	36.85	Pk	0	9.8	46.65	56	-9.35	-	-
26	2.04	22.45	Av	0	9.8	32.25	-	-	46	-13.75
27	3.111	40.05	Pk	0	9.8	49.85	56	-6.15	-	-
28	3.114	25.23	Av	0	9.8	35.03	-	-	46	-10.97
29	4.458	38.35	Pk	.1	9.9	48.35	56	-7.65	-	-
30	4.44	24.36	Av	.1	9.9	34.36	-	-	46	-11.64
31	14.004	23.86	Pk	.1	10	33.96	60	-26.04	-	-
32	14.004	8.36	Av	.1	10	18.46	-	-	50	-31.54

Pk - Peak detector

Av - Average detection

12. SETUP PHOTOS

Please refer to R15511224-EP1 for setup photos

END OF TEST REPORT