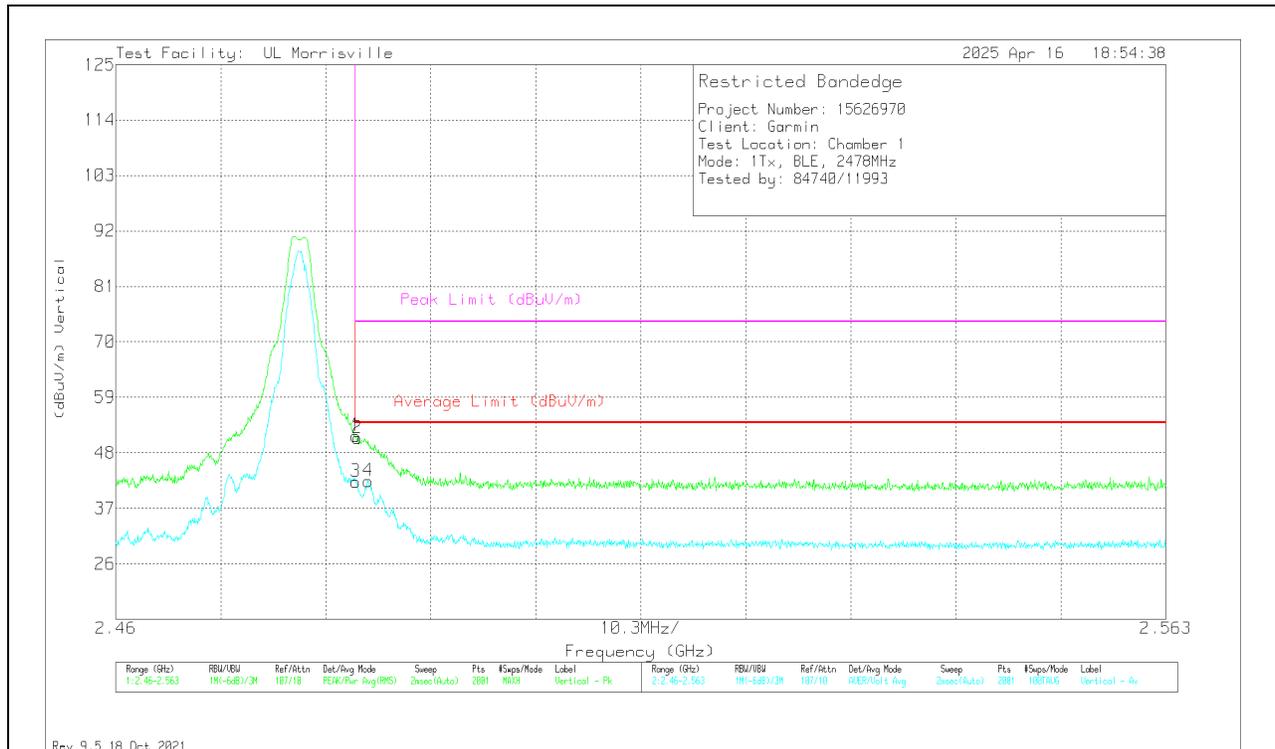


### VERTICAL RESULT

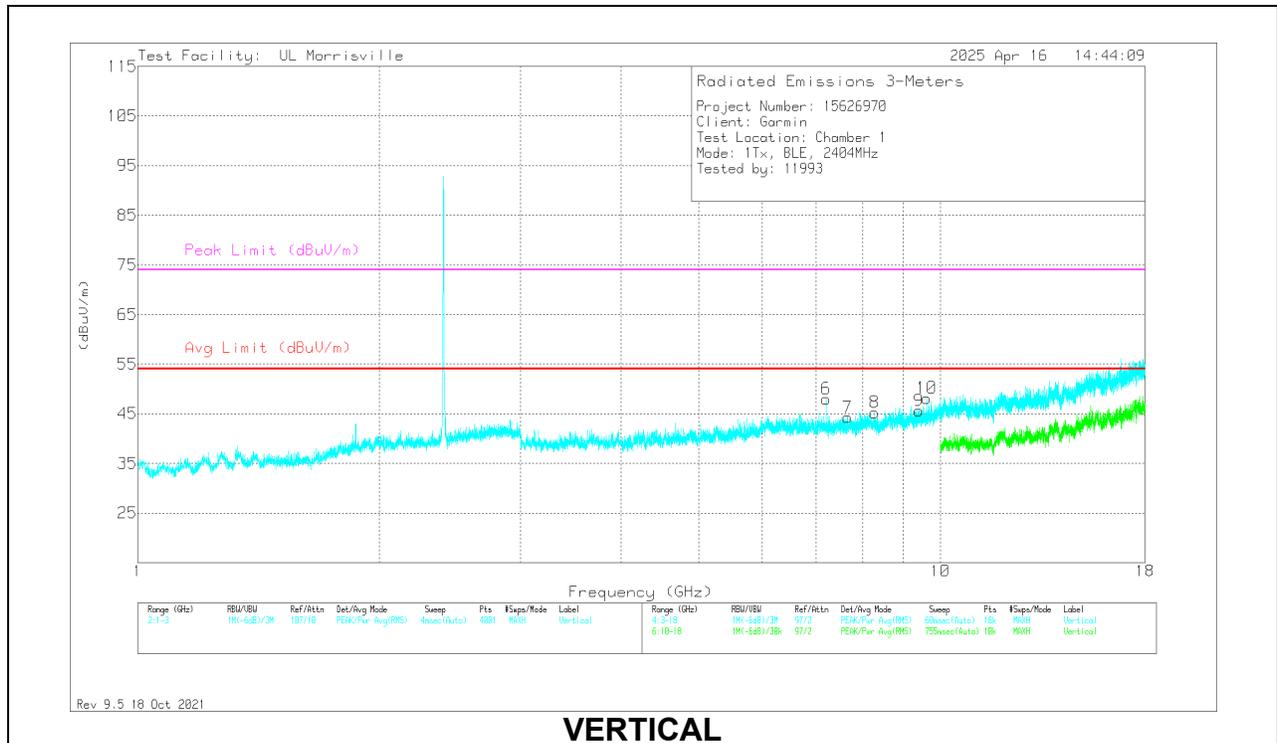
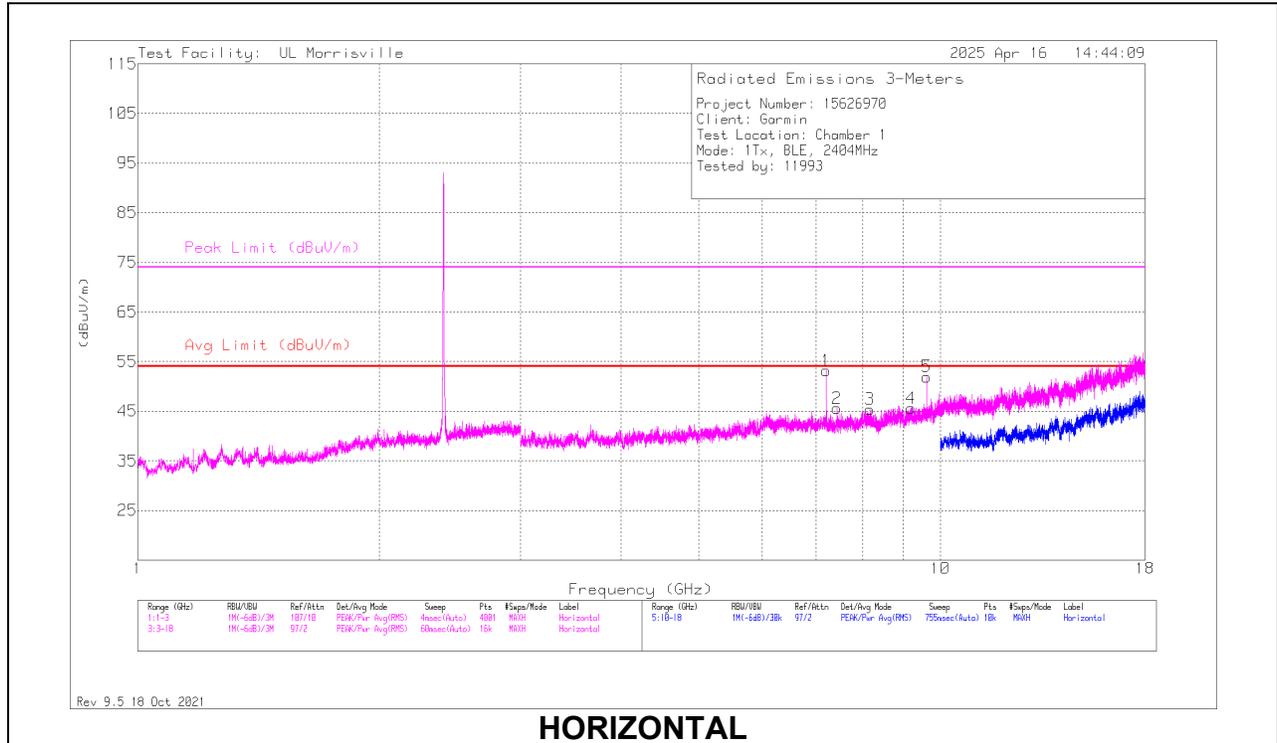


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	42.85	Pk	32.2	-23.7	51.35	-	-	74	-22.65	306	329	V
2	*** 2.48369	42.37	Pk	32.2	-23.7	50.87	-	-	74	-23.13	306	329	V
3	*** 2.48354	33.74	ADV	32.2	-23.7	42.24	54	-11.76	-	-	306	329	V
4	*** 2.48477	34.05	ADV	32.2	-23.8	42.45	54	-11.55	-	-	306	329	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 2404 MHz RESULTS

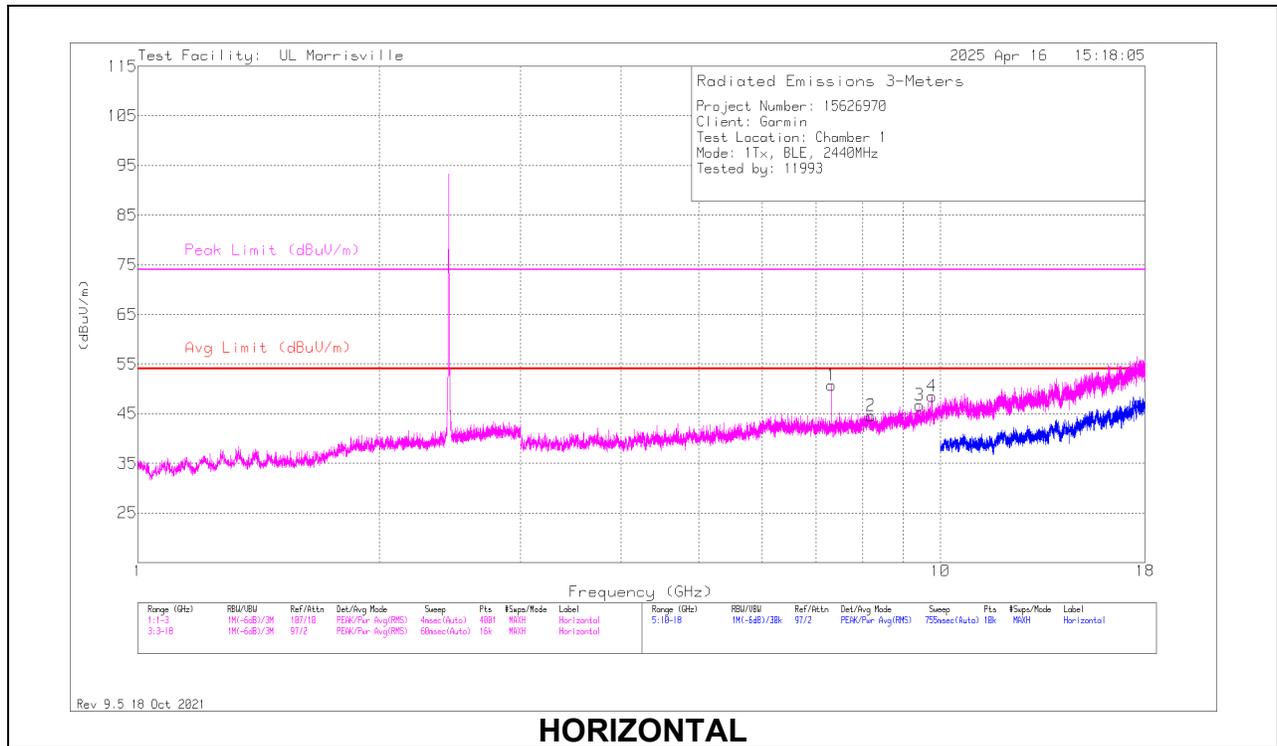


**RADIATED EMISSIONS**

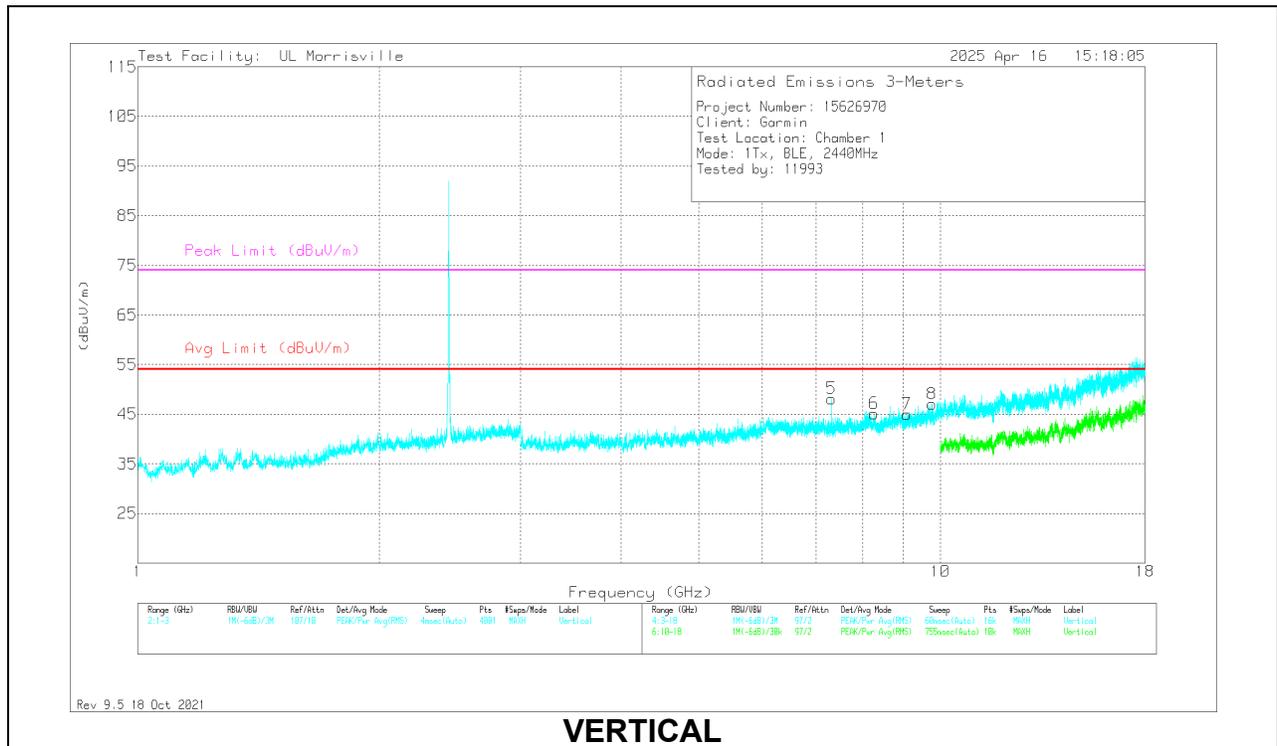
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.44094	51.26	Pk	35.4	-41.1	45.56	54	-8.44	74	-28.44	0-360	101	H
3	* ** 8.17781	50.47	Pk	35.9	-41	45.37	54	-8.63	74	-28.63	0-360	101	H
4	* ** 9.19406	49.16	Pk	36	-39.6	45.56	54	-8.44	74	-28.44	0-360	199	H
7	* ** 7.67063	50.05	Pk	35.6	-41.4	44.25	54	-9.75	74	-29.75	0-360	101	V
8	* ** 8.27906	50.24	Pk	35.9	-40.9	45.24	54	-8.76	74	-28.76	0-360	101	V
9	* ** 9.40313	50.07	Pk	36.3	-40.8	45.57	54	-8.43	74	-28.43	0-360	200	V
1	7.21031	60.25	Pk	35.4	-42.5	53.15	-	-	-	-	0-360	199	H
6	7.21313	55.03	Pk	35.4	-42.4	48.03	-	-	-	-	0-360	101	V
5	9.61406	55.99	Pk	36.7	-40.8	51.89	-	-	-	-	0-360	101	H
10	9.61406	52.23	Pk	36.7	-40.8	48.13	-	-	-	-	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

### MID CHANNEL 2440 MHz RESULTS



**HORIZONTAL**



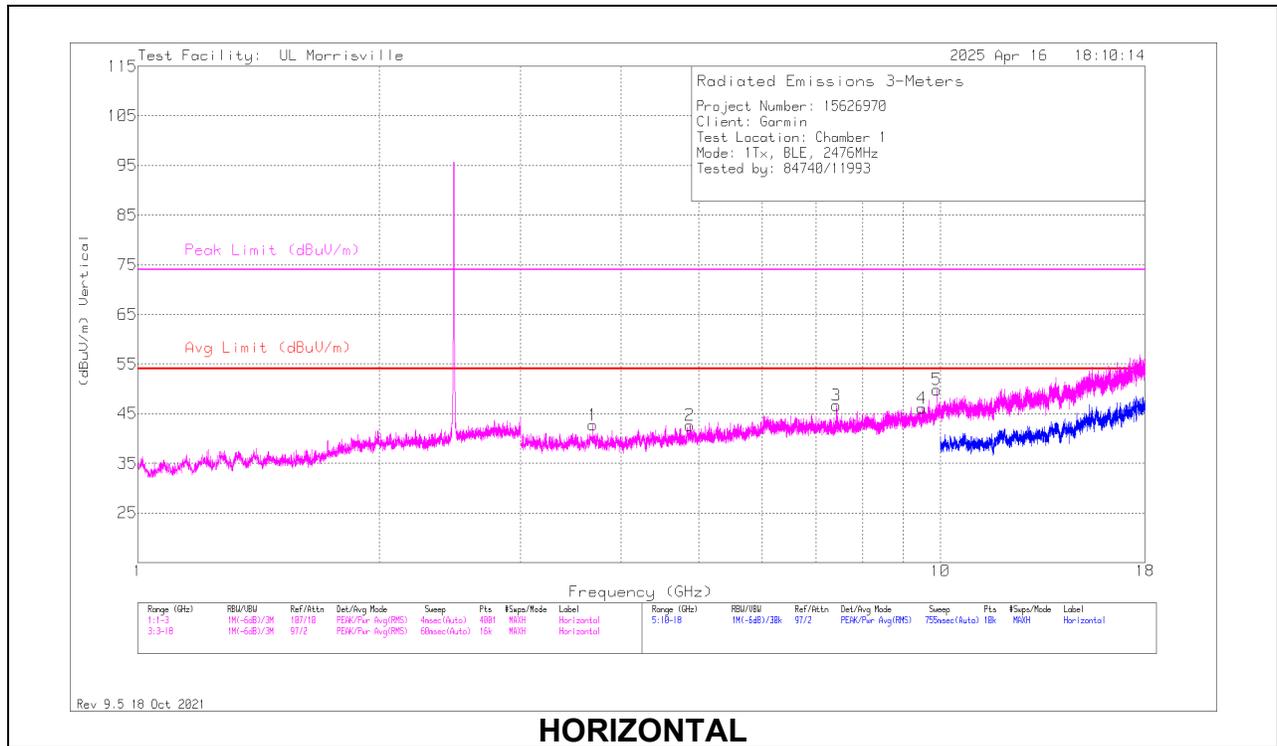
**VERTICAL**

**RADIATED EMISSIONS**

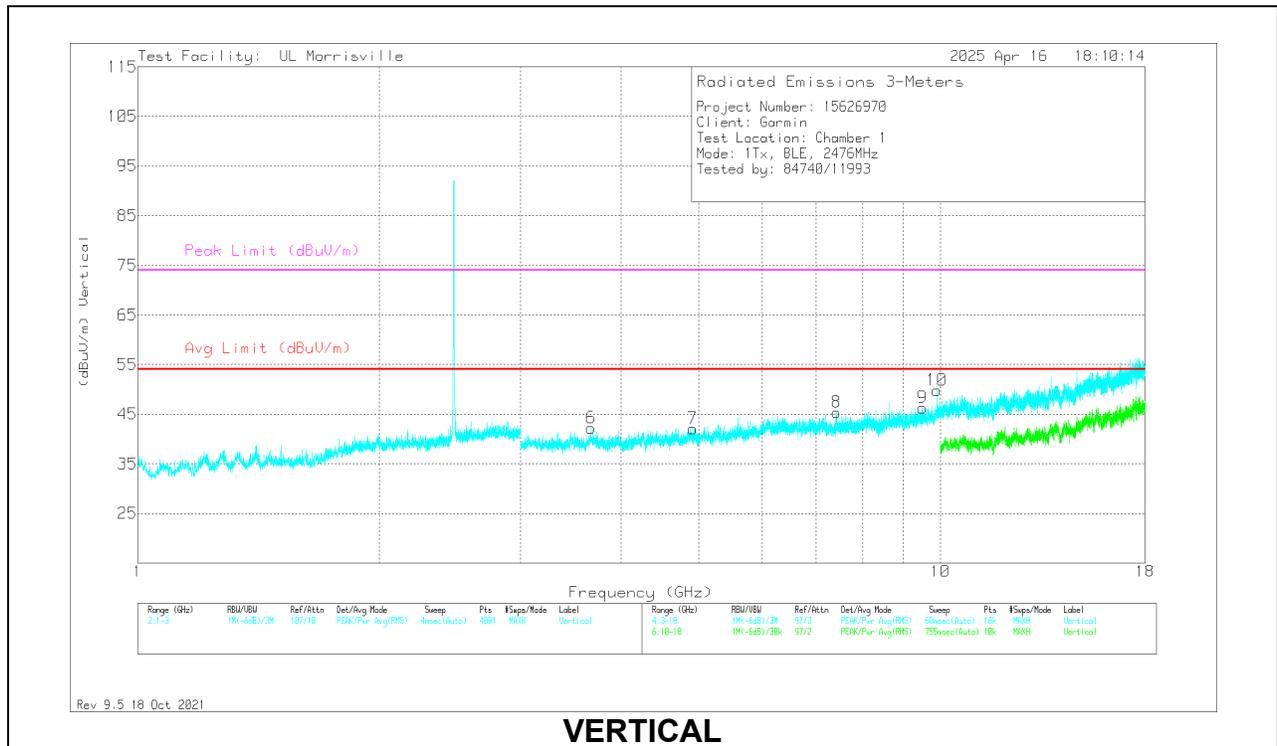
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 7.31844	59.23	PK2	35.4	-41.6	53.03	-	-	74	-20.97	40	201	H
	*** 7.3182	50.61	ADV	35.4	-41.6	44.41	54	-9.59	-	-	40	201	H
2	*** 8.19281	49.36	Pk	35.9	-40.7	44.56	54	-9.44	74	-29.44	0-360	101	H
3	*** 9.41813	50.13	Pk	36.3	-39.8	46.63	54	-7.37	74	-27.37	0-360	199	H
5	*** 7.32144	57.2	PK2	35.4	-41.8	50.8	-	-	74	-23.2	160	203	V
	*** 7.32173	47.8	ADV	35.4	-41.8	41.4	54	-12.6	-	-	160	203	V
6	*** 8.26594	49.69	Pk	35.9	-40.5	45.09	54	-8.91	74	-28.91	0-360	200	V
7	*** 9.09563	49.23	Pk	35.9	-40.2	44.93	54	-9.07	74	-29.07	0-360	200	V
4	9.76219	51.13	Pk	37.1	-39.7	48.53	-	-	-	-	0-360	101	H
8	9.76313	49.51	Pk	37.1	-39.6	47.01	-	-	-	-	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 - KDB558074 Method: Maximum Peak  
 ADV - Linear Voltage Average

### HIGH CHANNEL 2476 MHz RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 3.69188	54.08	Pk	33.2	-44.6	42.68	54	-11.32	74	-31.32	0-360	200	H
2	* ** 4.87125	53.56	Pk	34	-44.9	42.66	54	-11.34	74	-31.34	0-360	101	H
3	* ** 7.42688	52.41	Pk	35.4	-41.2	46.61	54	-7.39	74	-27.39	0-360	101	H
4	* ** 9.48188	50.18	Pk	36.4	-40.5	46.08	54	-7.92	74	-27.92	0-360	101	H
6	* ** 3.67406	53.2	Pk	33.2	-44.2	42.2	54	-11.8	74	-31.8	0-360	200	V
7	* ** 4.91719	53.15	Pk	34.1	-45.2	42.05	54	-11.95	74	-31.95	0-360	101	V
8	* ** 7.42875	51.03	Pk	35.4	-41.1	45.33	54	-8.67	74	-28.67	0-360	200	V
9	* ** 9.49969	50.23	Pk	36.4	-40.4	46.23	54	-7.77	74	-27.77	0-360	101	V
10	9.90188	52.75	Pk	37.4	-40.3	49.85	-	-	-	-	0-360	200	V
5	9.90563	52.43	Pk	37.4	-40	49.83	-	-	-	-	0-360	200	H

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

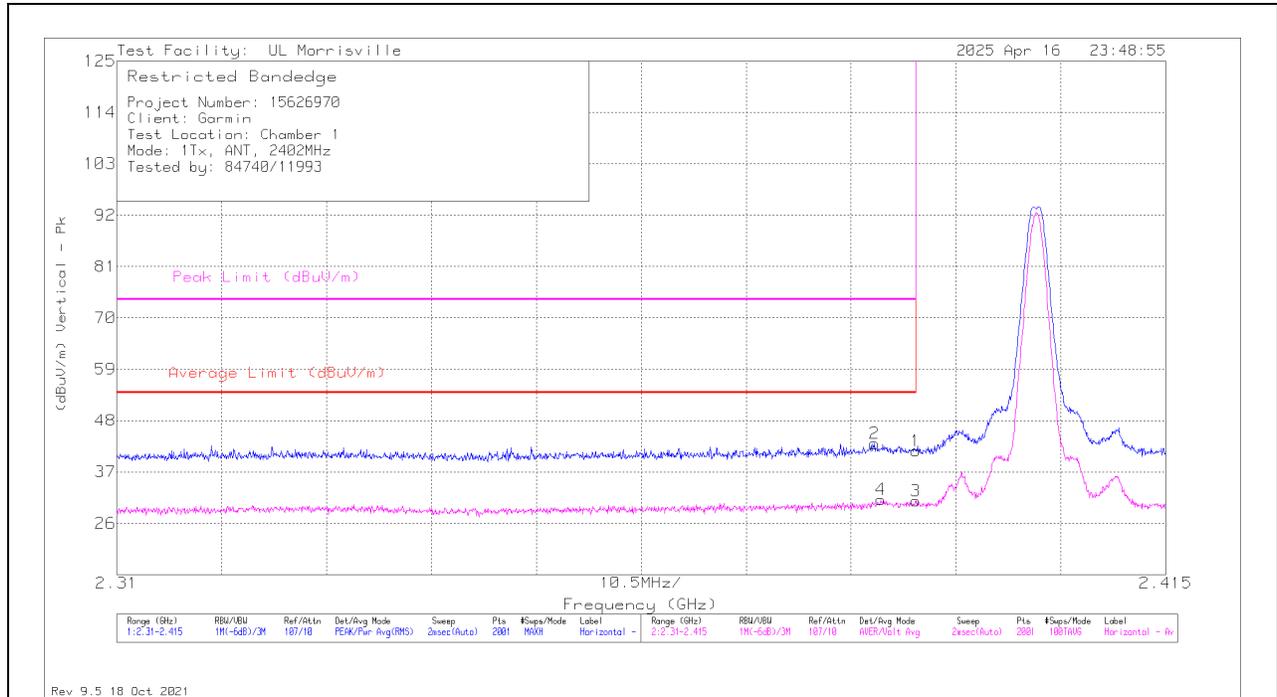
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**10.1.1. ANT/ANT+ (60 kbps)**

**BANDEDGE (LOW CHANNEL, 2402 MHz)**

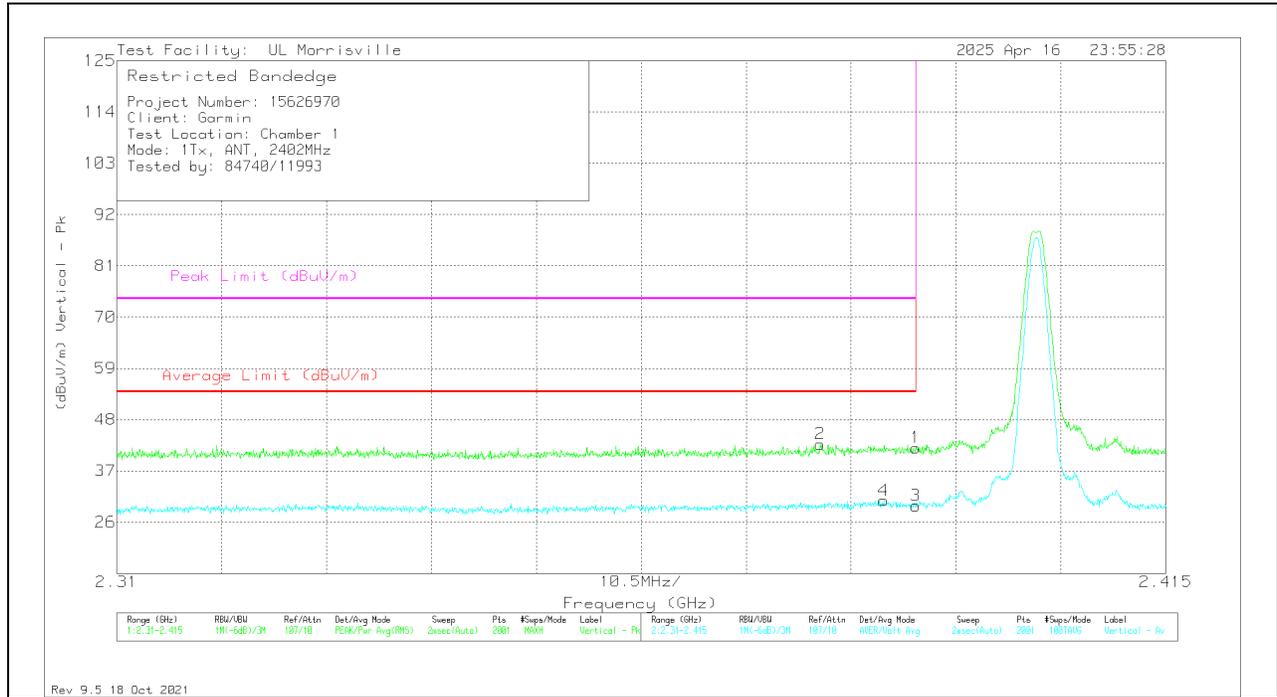
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	33.59	Pk	31.9	-24	41.49	-	-	74	-32.51	247	110	H
2	* ** 2.38586	35.07	Pk	31.9	-23.9	43.07	-	-	74	-30.93	247	110	H
3	* ** 2.38996	22.87	ADV	31.9	-24	30.77	54	-23.23	-	-	247	110	H
4	* ** 2.38649	23.09	ADV	31.9	-23.9	31.09	54	-22.91	-	-	247	110	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



Rev 9.5 18 Oct 2021

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	34.07	Pk	31.9	-24	41.97	-	-	74	-32.03	274	111	V
2	** 2.3804	34.98	Pk	31.9	-24.1	42.78	-	-	74	-31.22	274	111	V
3	* ** 2.38996	21.65	ADV	31.9	-24	29.55	54	-24.45	-	-	274	111	V
4	* ** 2.38676	22.65	ADV	31.9	-23.9	30.65	54	-23.35	-	-	274	111	V

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

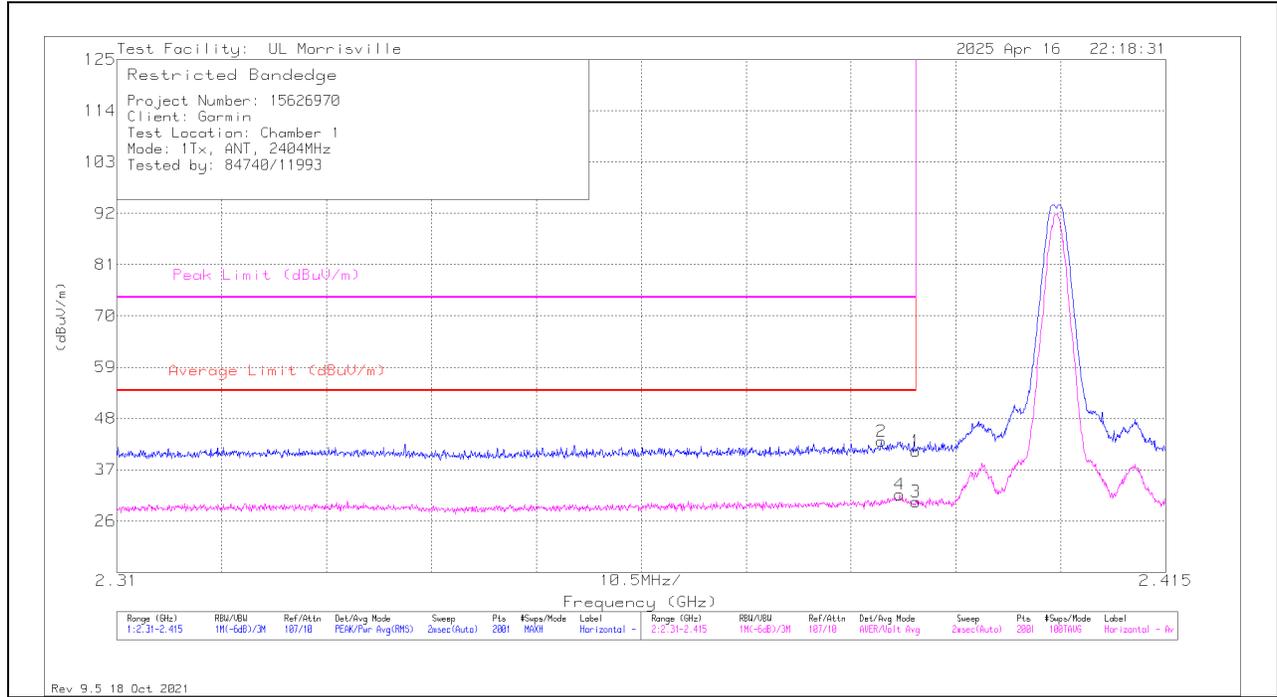
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEDGE (LOW CHANNEL, 2404 MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.09	Pk	31.9	-24	40.99	-	-	74	-33.01	234	158	H
2	*** 2.38655	35.12	Pk	31.9	-23.9	43.12	-	-	74	-30.88	234	158	H
3	*** 2.38996	22.23	ADV	31.9	-24	30.13	54	-23.87	-	-	234	158	H
4	*** 2.38833	23.78	ADV	31.9	-24	31.68	54	-22.32	-	-	234	158	H

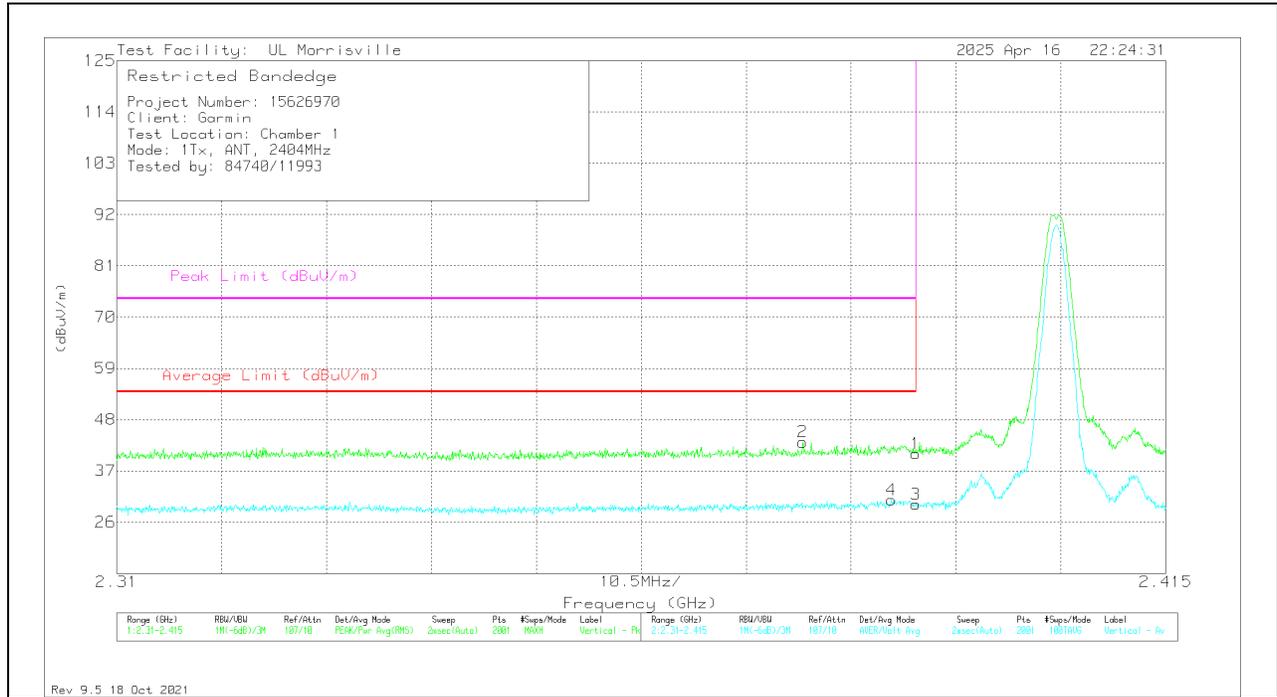
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

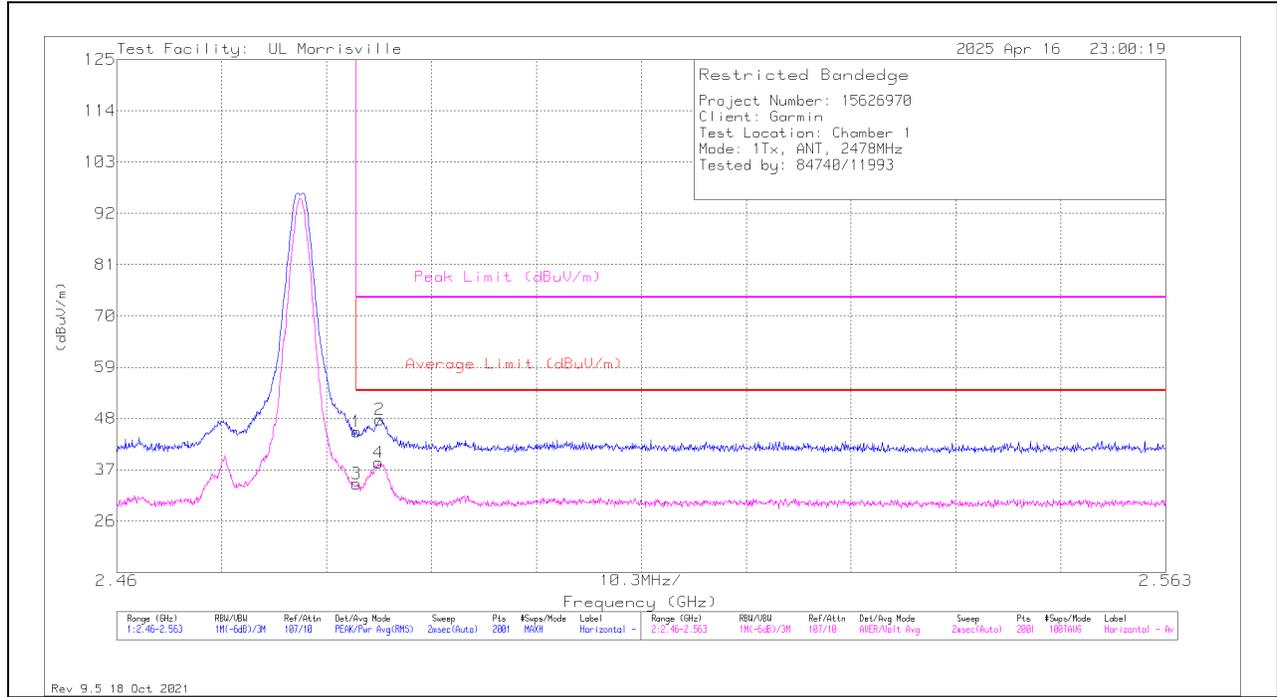


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	32.79	Pk	31.9	-24	40.69	-	-	74	-33.31	259	245	V
2	* ** 2.37867	35.49	Pk	31.9	-24.2	43.19	-	-	74	-30.81	259	245	V
3	* ** 2.38996	21.95	ADV	31.9	-24	29.85	54	-24.15	-	-	259	245	V
4	* ** 2.38754	22.77	ADV	31.9	-23.9	30.77	54	-23.23	-	-	259	245	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, 2478 MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	36.64	Pk	32.2	-23.7	45.14	-	-	74	-28.86	245	132	H
2	*** 2.4858	39.46	Pk	32.2	-23.9	47.76	-	-	74	-26.24	245	132	H
3	*** 2.48354	25.45	ADV	32.2	-23.7	33.95	54	-20.05	-	-	245	132	H
4	*** 2.4857	30.21	ADV	32.2	-23.9	38.51	54	-15.49	-	-	245	132	H

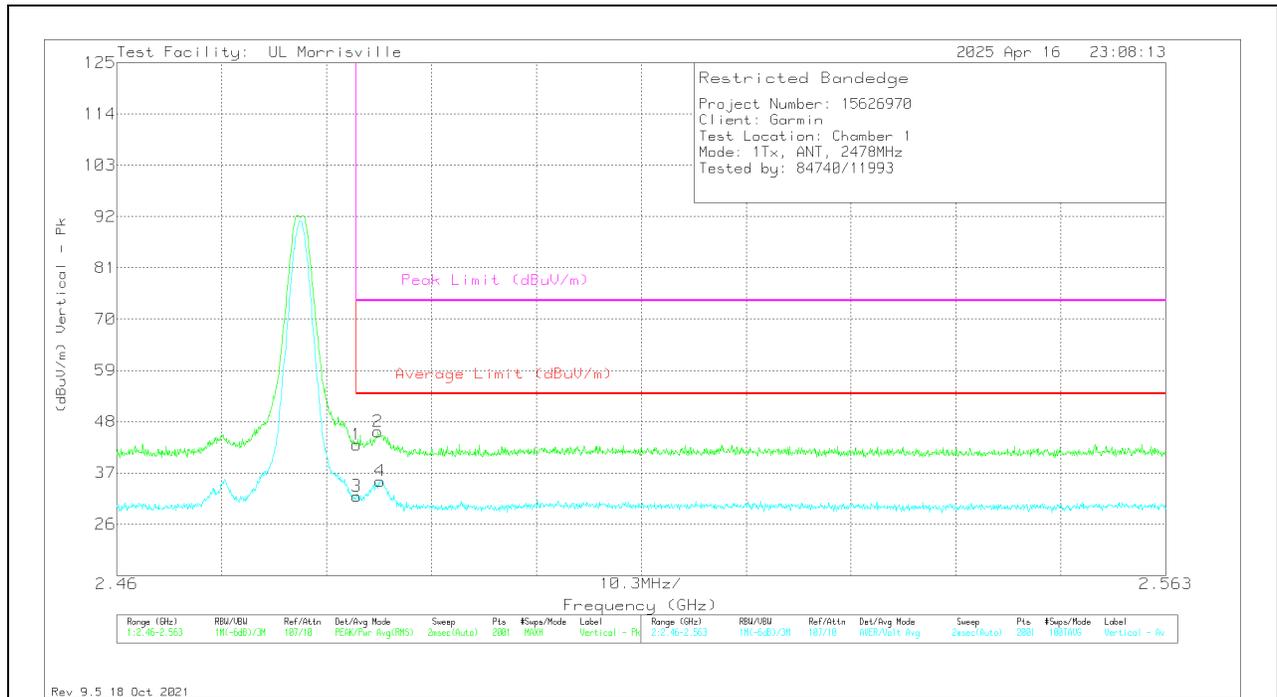
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

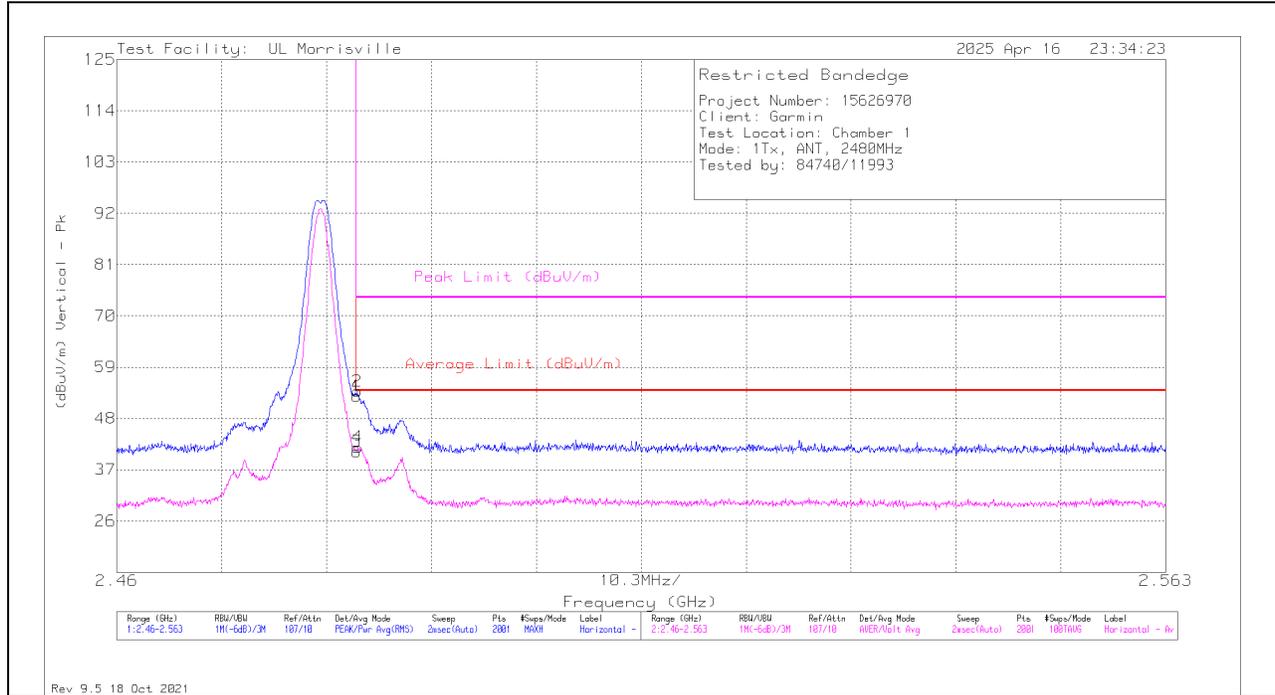


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	34.57	Pk	32.2	-23.7	43.07	-	-	74	-30.93	260	116	V
2	* ** 2.48565	37.57	Pk	32.2	-23.9	45.87	-	-	74	-28.13	260	116	V
3	* ** 2.48354	23.51	ADV	32.2	-23.7	32.01	54	-21.99	-	-	260	116	V
4	* ** 2.48585	26.97	ADV	32.2	-23.9	35.27	54	-18.73	-	-	260	116	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, 2480 MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	44.27	Pk	32.2	-23.7	52.77	-	-	74	-21.23	243	112	H
2	*** 2.48359	45.34	Pk	32.2	-23.7	53.84	-	-	74	-20.16	243	112	H
3	*** 2.48354	32.38	ADV	32.2	-23.7	40.88	54	-13.12	-	-	243	112	H
4	*** 2.48364	33.3	ADV	32.2	-23.7	41.8	54	-12.2	-	-	243	112	H

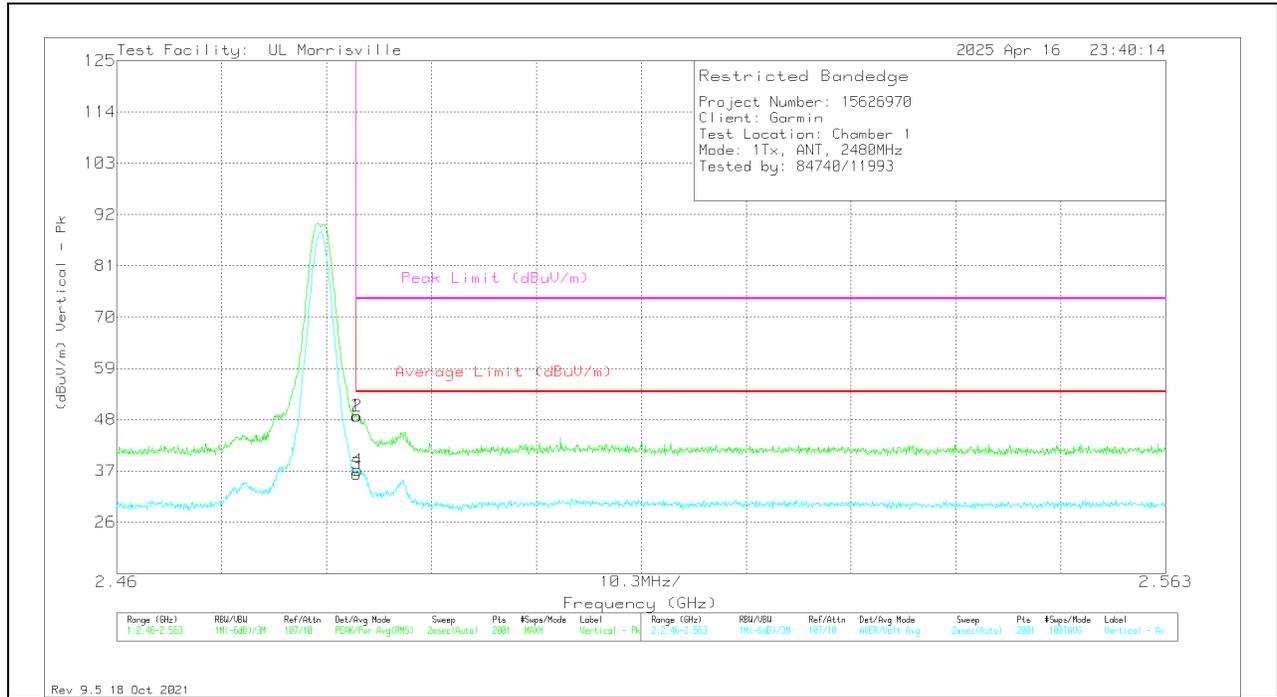
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

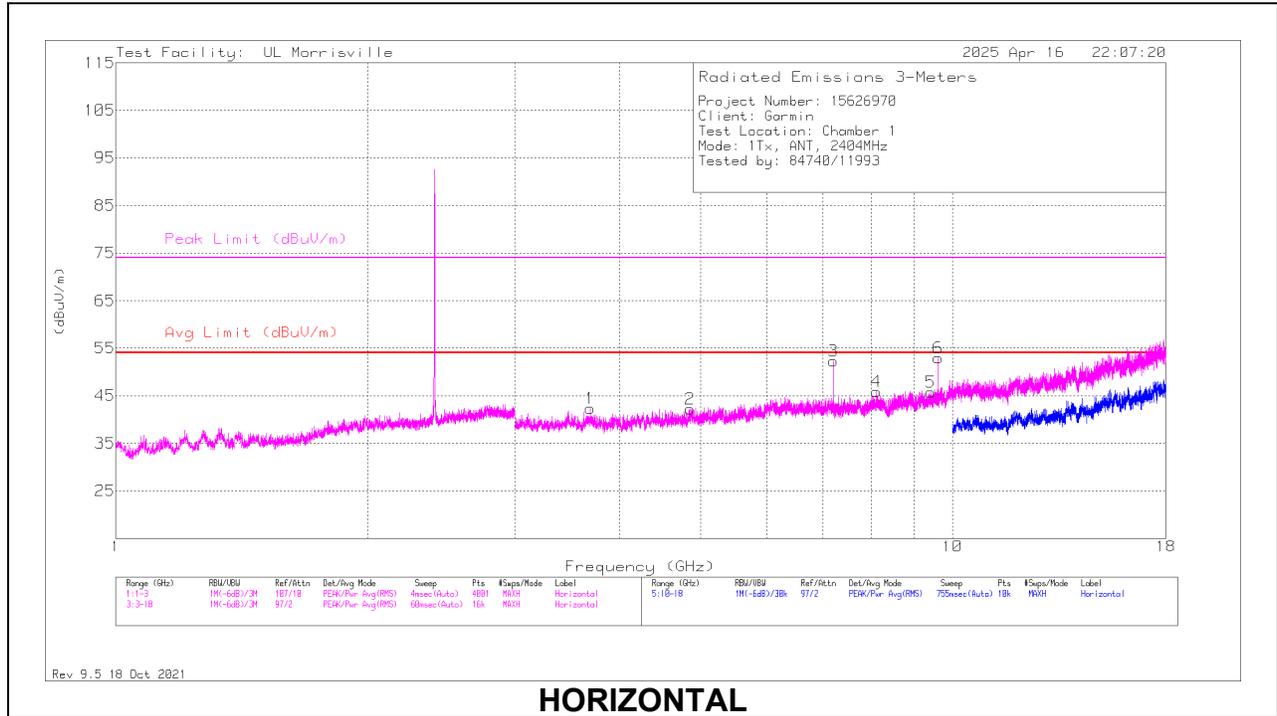


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	40.29	Pk	32.2	-23.7	48.79	-	-	74	-25.21	265	110	V
2	* ** 2.48359	40.29	Pk	32.2	-23.7	48.79	-	-	74	-25.21	265	110	V
3	* ** 2.48354	27.88	ADV	32.2	-23.7	36.38	54	-17.62	-	-	265	110	V
4	* ** 2.48364	28.68	ADV	32.2	-23.7	37.18	54	-16.82	-	-	265	110	V

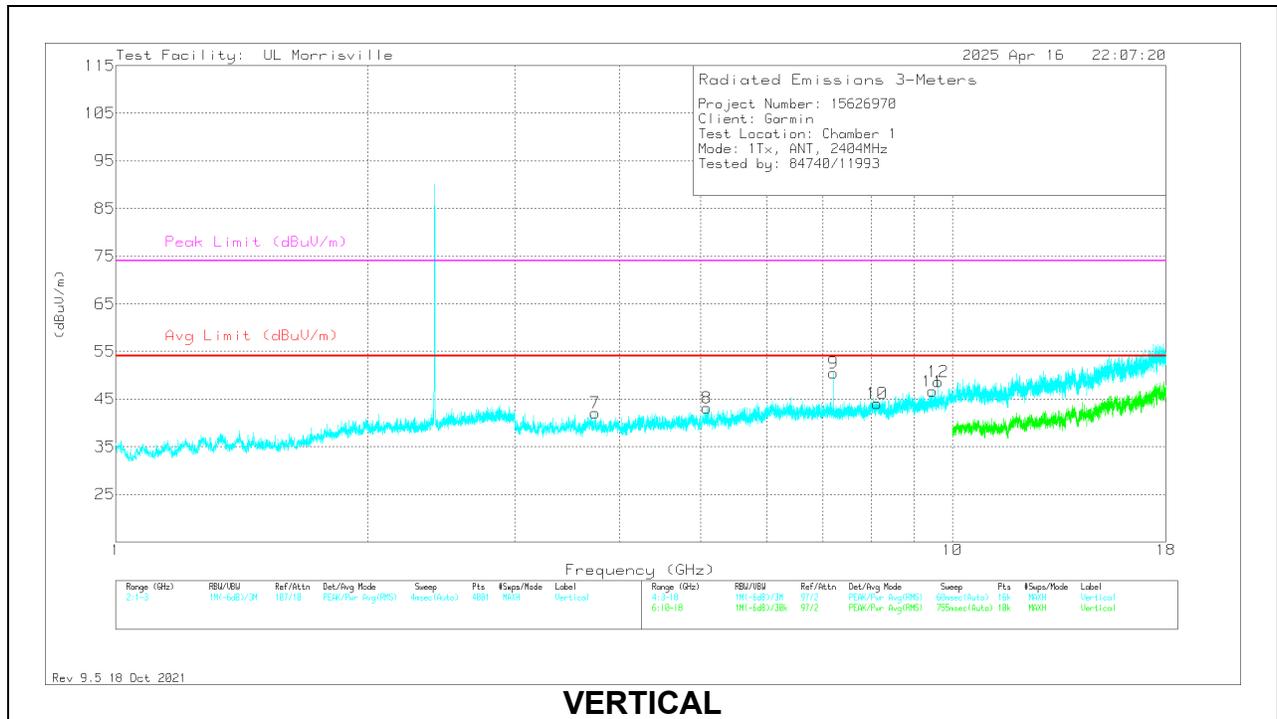
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 \*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band  
 Pk - Peak detector  
 ADV - Linear Voltage Average

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL, 2404 MHz RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

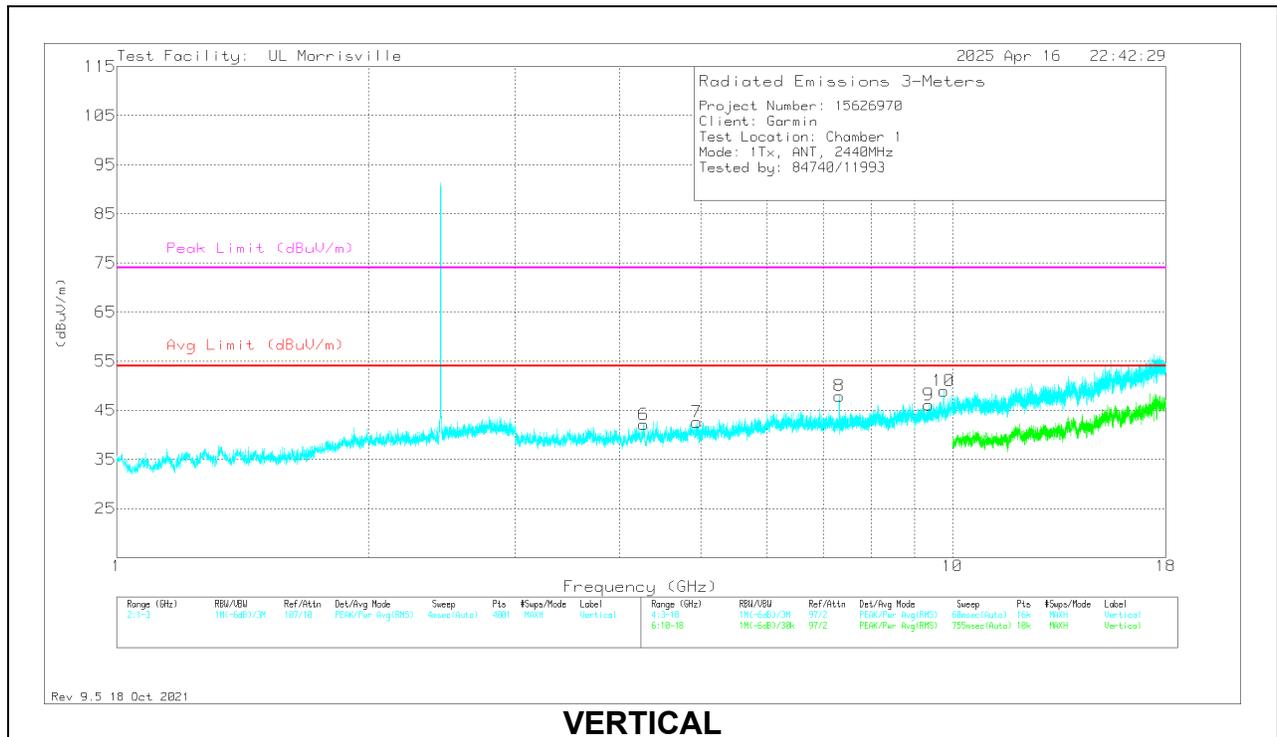
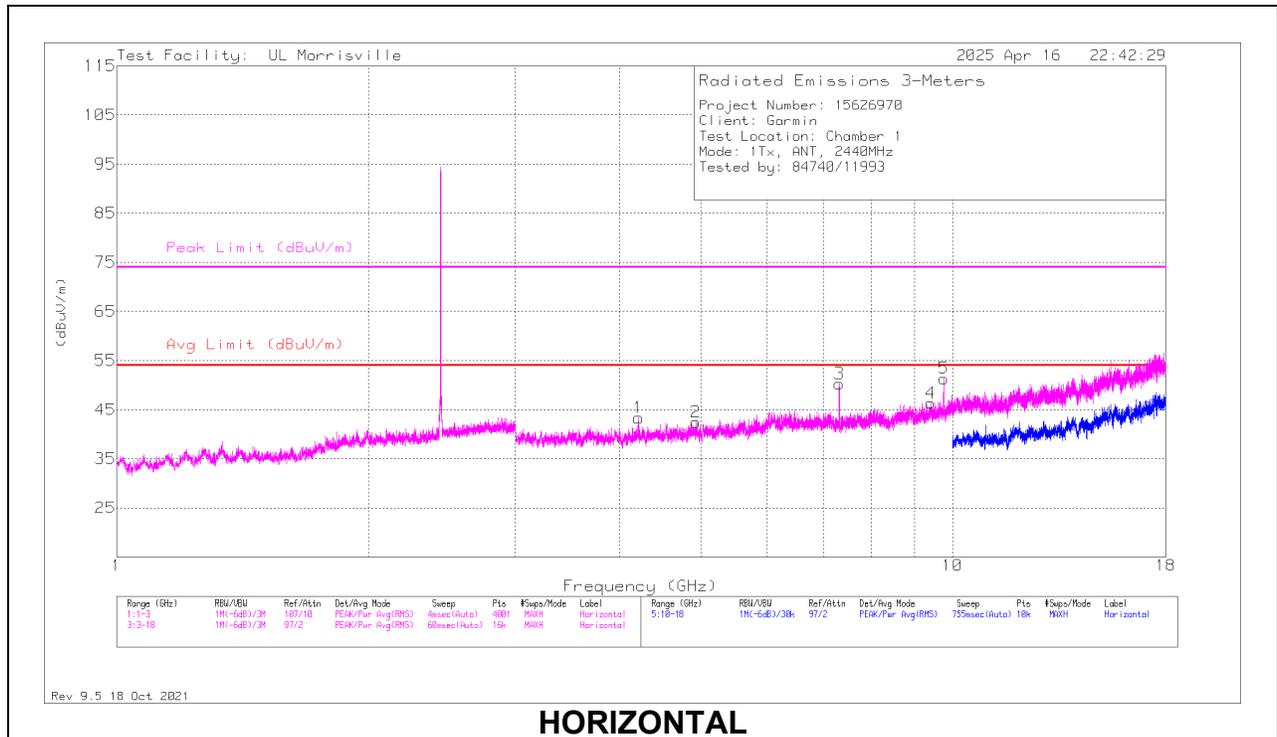
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 3.69375	53.62	Pk	33.2	-44.5	42.32	54	-11.68	74	-31.68	0-360	200	H
2	*** 4.86094	53.66	Pk	33.9	-45.3	42.26	54	-11.74	74	-31.74	0-360	200	H
4	*** 8.11594	51.32	Pk	35.9	-41.3	45.92	54	-8.08	74	-28.08	0-360	200	H
5	*** 9.41625	49.06	Pk	36.3	-39.6	45.76	54	-8.24	74	-28.24	0-360	101	H
7	*** 3.7425	53.15	Pk	33.2	-44.3	42.05	54	-11.95	74	-31.95	0-360	200	V
8	*** 5.08781	53.3	Pk	34.3	-44.5	43.1	54	-10.9	74	-30.9	0-360	200	V
10	*** 8.13281	49.23	Pk	35.9	-41.1	44.03	54	-9.97	74	-29.97	0-360	200	V
11	*** 9.47813	50.81	Pk	36.4	-40.6	46.61	54	-7.39	74	-27.39	0-360	101	V
3	7.21313	59.35	Pk	35.4	-42.4	52.35	-	-	-	-	0-360	101	H
9	7.21313	57.43	Pk	35.4	-42.4	50.43	-	-	-	-	0-360	200	V
6	9.61688	57.06	Pk	36.7	-40.8	52.96	-	-	-	-	0-360	200	H
12	9.61688	52.77	Pk	36.7	-40.8	48.67	-	-	-	-	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

### MID CHANNEL, 2440 MHz RESULTS



**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.21219	55.16	Pk	33.6	-45.4	43.36	54	-10.64	74	-30.64	0-360	101	H
2	*** 4.93219	52.56	Pk	34.1	-44.2	42.46	54	-11.54	74	-31.54	0-360	199	H
3	*** 7.321	59.91	PK2	35.4	-41.8	53.51	-	-	74	-20.49	275	114	H
	*** 7.32088	52.62	ADV	35.4	-41.8	46.22	54	-7.78	-	-	275	114	H
4	*** 9.41719	49.73	Pk	36.3	-39.7	46.33	54	-7.67	74	-27.67	0-360	101	H
6	*** 4.27125	52.72	Pk	33.7	-44.3	42.12	54	-11.88	74	-31.88	0-360	101	V
7	*** 4.94438	52.89	Pk	34.1	-44.4	42.59	54	-11.41	74	-31.41	0-360	200	V
8	*** 7.32094	54.32	Pk	35.4	-41.8	47.92	54	-6.08	74	-26.08	0-360	200	V
9	*** 9.36469	50.5	Pk	36.2	-40.6	46.1	54	-7.9	74	-27.9	0-360	101	V
5	9.76125	53.95	Pk	37.1	-39.7	51.35	-	-	-	-	0-360	199	H
10	9.76125	51.55	Pk	37.1	-39.7	48.95	-	-	-	-	0-360	200	V

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

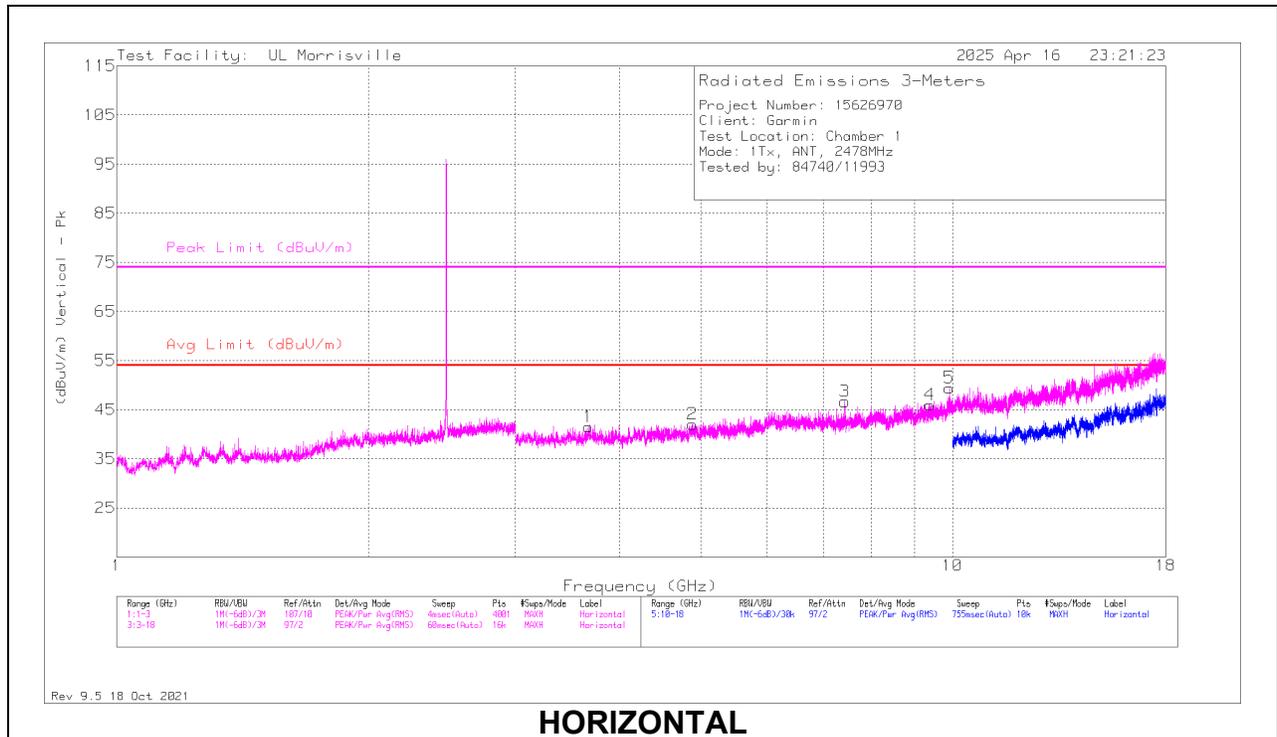
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

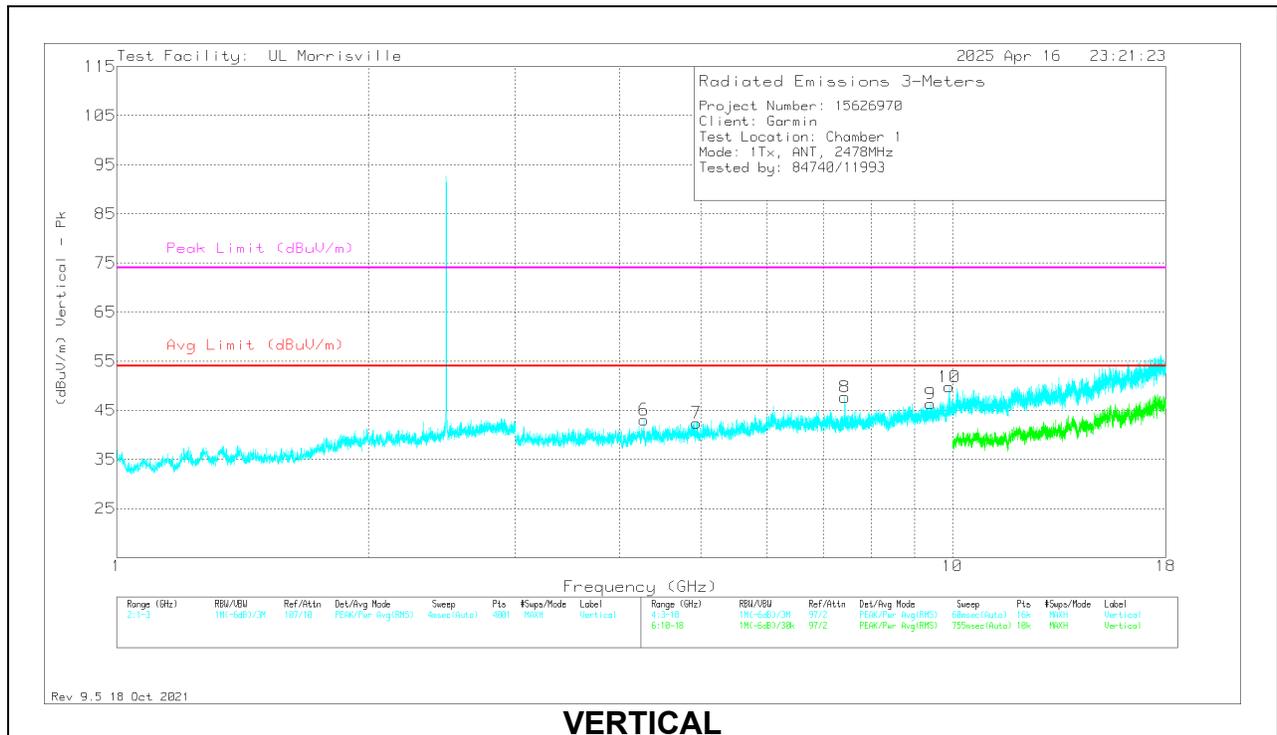
PK2 - KDB558074 Method: Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL, 2478 MHz RESULTS



**HORIZONTAL**



**VERTICAL**

**RADIATED EMISSIONS**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 3.66656	52.24	Pk	33.1	-43.8	41.54	54	-12.46	74	-32.46	0-360	200	H
2	*** 4.88438	52.86	Pk	34	-44.8	42.06	54	-11.94	74	-31.94	0-360	101	H
3	*** 7.43438	52.27	Pk	35.4	-41	46.67	54	-7.33	74	-27.33	0-360	200	H
4	*** 9.39563	49.79	Pk	36.3	-40.1	45.99	54	-8.01	74	-28.01	0-360	101	H
6	*** 4.27313	53.73	Pk	33.7	-44.4	43.03	54	-10.97	74	-30.97	0-360	101	V
7	*** 4.93688	52.53	Pk	34.1	-44.2	42.43	54	-11.57	74	-31.57	0-360	200	V
8	*** 7.43438	53.28	Pk	35.4	-41	47.68	54	-6.32	74	-26.32	0-360	200	V
9	*** 9.41438	49.8	Pk	36.3	-39.8	46.3	54	-7.7	74	-27.7	0-360	200	V
10	9.91125	52.56	Pk	37.4	-40.2	49.76	-	-	-	-	0-360	101	V
5	9.91313	52.33	Pk	37.4	-40.3	49.43	-	-	-	-	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

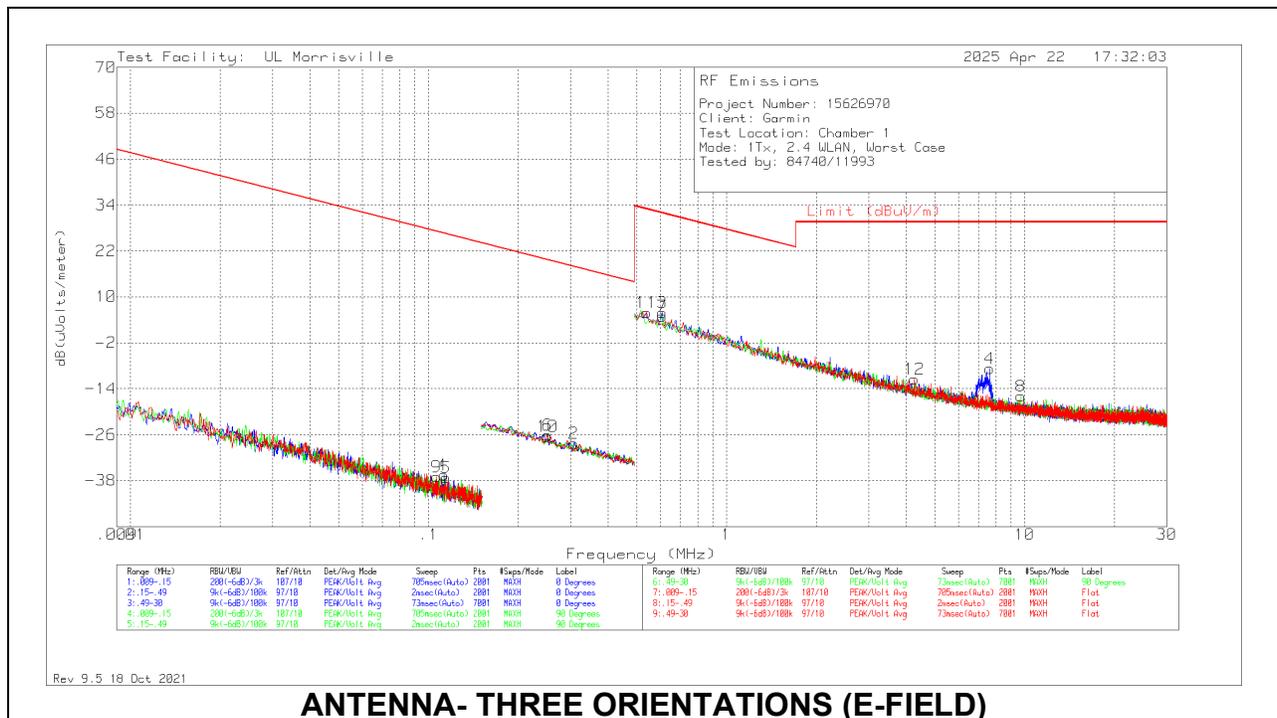
PK2 - KDB558074 Method: Maximum Peak

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).

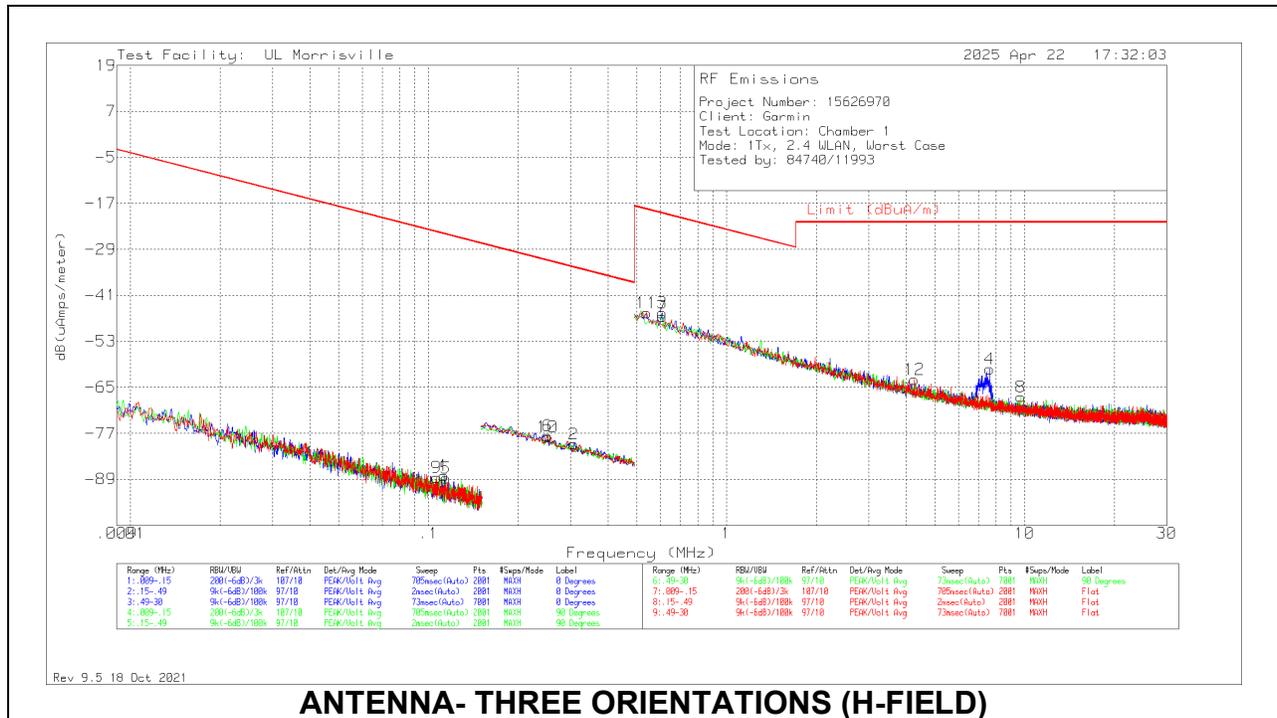
### 10.2.1. 2.4 WLAN



### ANTENNA- THREE ORIENTATIONS (E-FIELD)

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (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
9	.10655	31.84	Pk	11.1	.1	-80	-36.96	27.05	-	-64.01	0-360	Flat
1	.11294	32.26	Pk	11.1	.1	-80	-36.54	26.55	46.55	-63.09	0-360	0 degs
5	.11415	31.65	Pk	11.1	.1	-80	-37.15	26.45	46.45	-63.6	0-360	90 degs
6	.25047	42.85	Pk	10.9	.1	-80	-26.15	19.63	39.63	-45.78	0-360	90 degs
10	.25115	42.49	Pk	10.9	.1	-80	-26.51	19.61	39.61	-46.12	0-360	Flat
2	.30776	40.69	Pk	10.9	.1	-80	-28.31	17.84	37.84	-46.15	0-360	0 degs
11	.54059	34.87	Pk	11	.1	-40	5.97	32.95	-	-26.98	0-360	Flat
3	.60805	34.85	Pk	11	.1	-40	5.95	31.93	-	-25.98	0-360	0 degs
7	.60805	33.83	Pk	11	.1	-40	4.93	31.93	-	-27	0-360	90 degs
12	4.27175	17.28	Pk	10.9	.3	-40	-11.52	29.54	-	-41.06	0-360	Flat
4	7.62769	20.22	Pk	10.7	.4	-40	-8.68	29.54	-	-38.22	0-360	0 degs
8	9.71461	12.94	Pk	10.6	.5	-40	-15.96	29.54	-	-45.5	0-360	90 degs

Pk - Peak detector

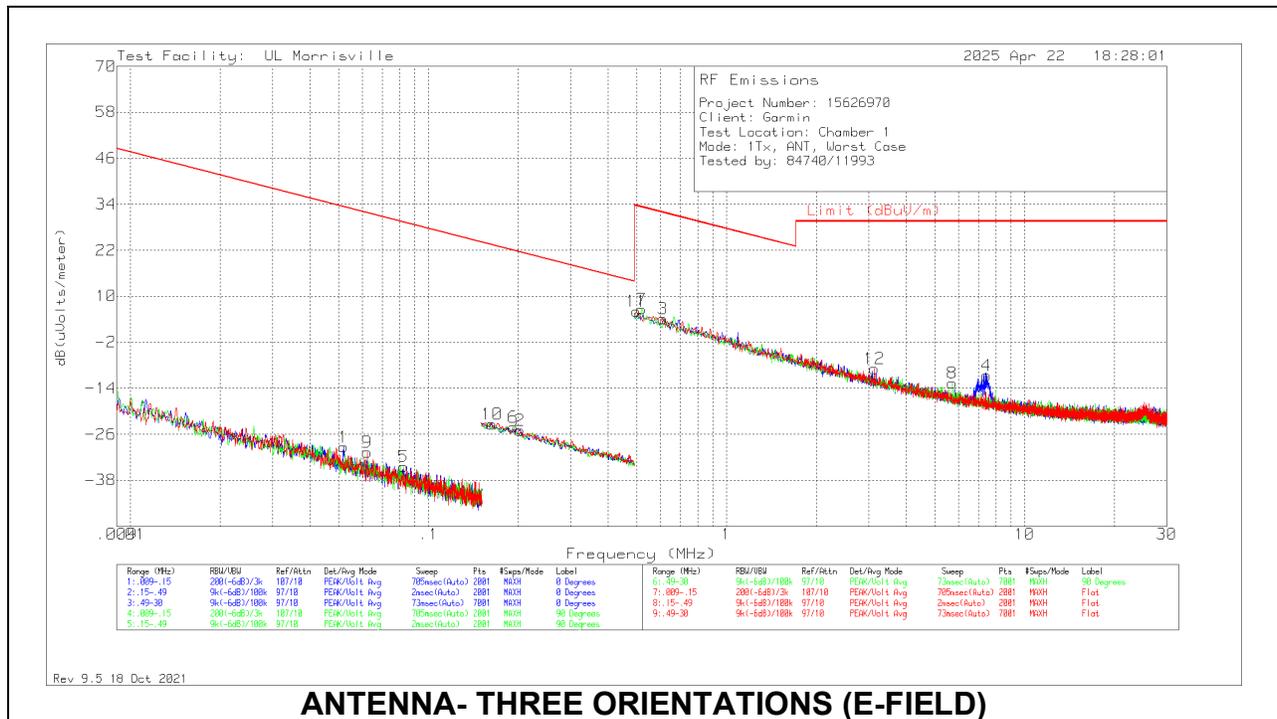


**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
9	.10655	31.84	Pk	-40.4	.1	-80	-88.46	-24.45	-	-64.01	0-360	Flat
1	.11294	32.26	Pk	-40.4	.1	-80	-88.04	-24.95	-4.95	-63.09	0-360	0 degs
5	.11415	31.65	Pk	-40.4	.1	-80	-88.65	-25.05	-5.05	-63.6	0-360	90 degs
6	.25047	42.85	Pk	-40.6	.1	-80	-77.65	-31.87	-11.87	-45.78	0-360	90 degs
10	.25115	42.49	Pk	-40.6	.1	-80	-78.01	-31.89	-11.89	-46.12	0-360	Flat
2	.30776	40.69	Pk	-40.6	.1	-80	-79.81	-33.66	-13.66	-46.15	0-360	0 degs
11	.54059	34.87	Pk	-40.5	.1	-40	-45.53	-18.55	-	-26.98	0-360	Flat
3	.60805	34.85	Pk	-40.5	.1	-40	-45.55	-19.57	-	-25.98	0-360	0 degs
7	.60805	33.83	Pk	-40.5	.1	-40	-46.57	-19.57	-	-27	0-360	90 degs
12	4.27175	17.28	Pk	-40.6	.3	-40	-63.02	-21.96	-	-41.06	0-360	Flat
4	7.62769	20.22	Pk	-40.8	.4	-40	-60.18	-21.96	-	-38.22	0-360	0 degs
8	9.71461	12.94	Pk	-40.9	.5	-40	-67.46	-21.96	-	-45.5	0-360	90 degs

Pk - Peak detector

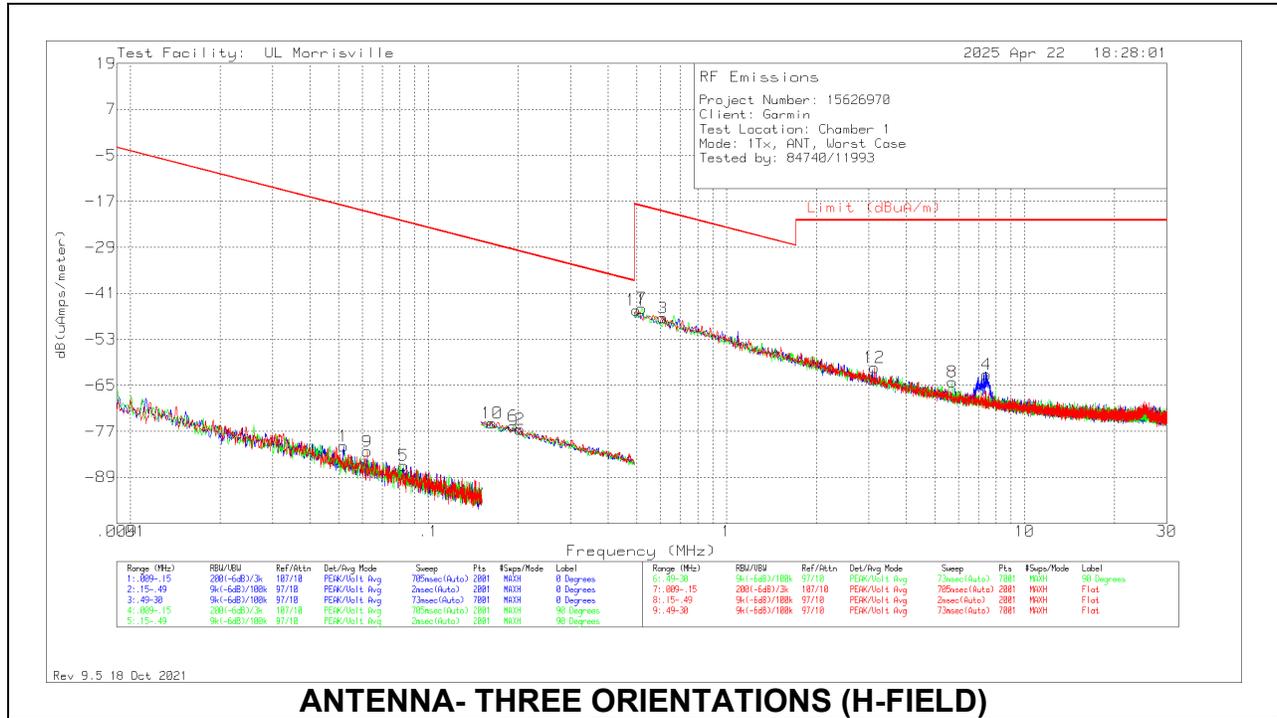
**10.2.2. ANT/ANT+**



**ANTENNA- THREE ORIENTATIONS (E-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (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	.05181	39.09	Pk	11.5	.1	-80	-29.31	33.32	53.32	-62.63	0-360	0 degs
9	.06236	37.75	Pk	11.4	.1	-80	-30.75	31.71	51.71	-62.46	0-360	Flat
5	.08256	34.31	Pk	11.2	.1	-80	-34.39	29.27	49.27	-63.66	0-360	90 degs
10	.16343	45.49	Pk	11	.1	-80	-23.41	23.34	43.34	-46.75	0-360	Flat
6	.19225	44.77	Pk	11	.1	-80	-24.13	21.93	41.93	-46.06	0-360	90 degs
2	.20287	44.06	Pk	10.9	.1	-80	-24.94	21.46	41.46	-46.4	0-360	0 degs
11	.49843	35.01	Pk	11	.1	-40	6.11	33.65	-	-27.54	0-360	Flat
7	.51951	35.54	Pk	11	.1	-40	6.64	33.29	-	-26.65	0-360	90 degs
3	.61226	32.96	Pk	11	.1	-40	4.06	31.87	-	-27.81	0-360	0 degs
12	3.13765	19.71	Pk	11.1	.3	-40	-8.89	29.54	-	-38.43	0-360	Flat
8	5.72627	16.15	Pk	10.8	.4	-40	-12.65	29.54	-	-42.19	0-360	90 degs
4	7.46748	18.21	Pk	10.7	.4	-40	-10.69	29.54	-	-40.23	0-360	0 degs

Pk - Peak detector

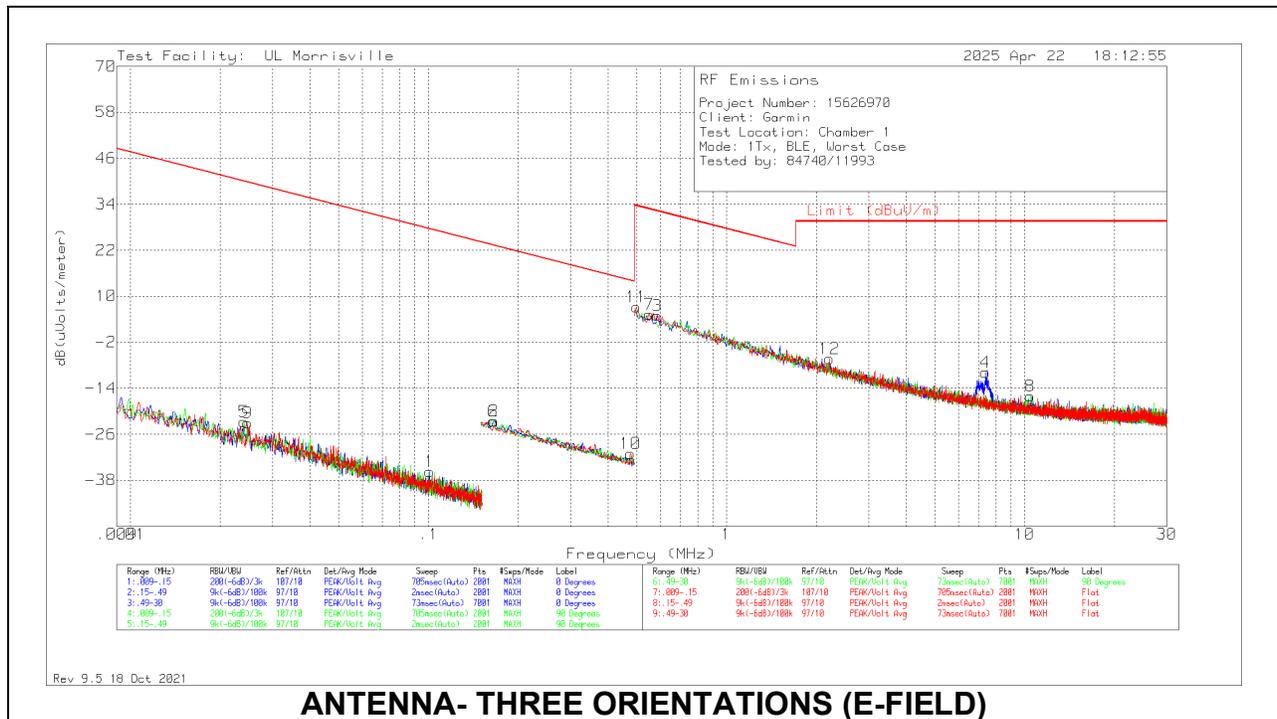


**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.05181	39.09	Pk	-40	.1	-80	-80.81	-18.18	1.82	-62.63	0-360	0 degs
9	.06236	37.75	Pk	-40.1	.1	-80	-82.25	-19.79	0.21	-62.46	0-360	Flat
5	.08256	34.31	Pk	-40.3	.1	-80	-85.89	-22.23	-2.23	-63.66	0-360	90 degs
10	.16343	45.49	Pk	-40.5	.1	-80	-74.91	-28.16	-8.16	-46.75	0-360	Flat
6	.19225	44.77	Pk	-40.5	.1	-80	-75.63	-29.57	-9.57	-46.06	0-360	90 degs
2	.20287	44.06	Pk	-40.6	.1	-80	-76.44	-30.04	-10.04	-46.4	0-360	0 degs
11	.49843	35.01	Pk	-40.5	.1	-40	-45.39	-17.85	-	-27.54	0-360	Flat
7	.51951	35.54	Pk	-40.5	.1	-40	-44.86	-18.21	-	-26.65	0-360	90 degs
3	.61226	32.96	Pk	-40.5	.1	-40	-47.44	-19.63	-	-27.81	0-360	0 degs
12	3.13765	19.71	Pk	-40.4	.3	-40	-60.39	-21.96	-	-38.43	0-360	Flat
8	5.72627	16.15	Pk	-40.7	.4	-40	-64.15	-21.96	-	-42.19	0-360	90 degs
4	7.46748	18.21	Pk	-40.8	.4	-40	-62.19	-21.96	-	-40.23	0-360	0 degs

Pk - Peak detector

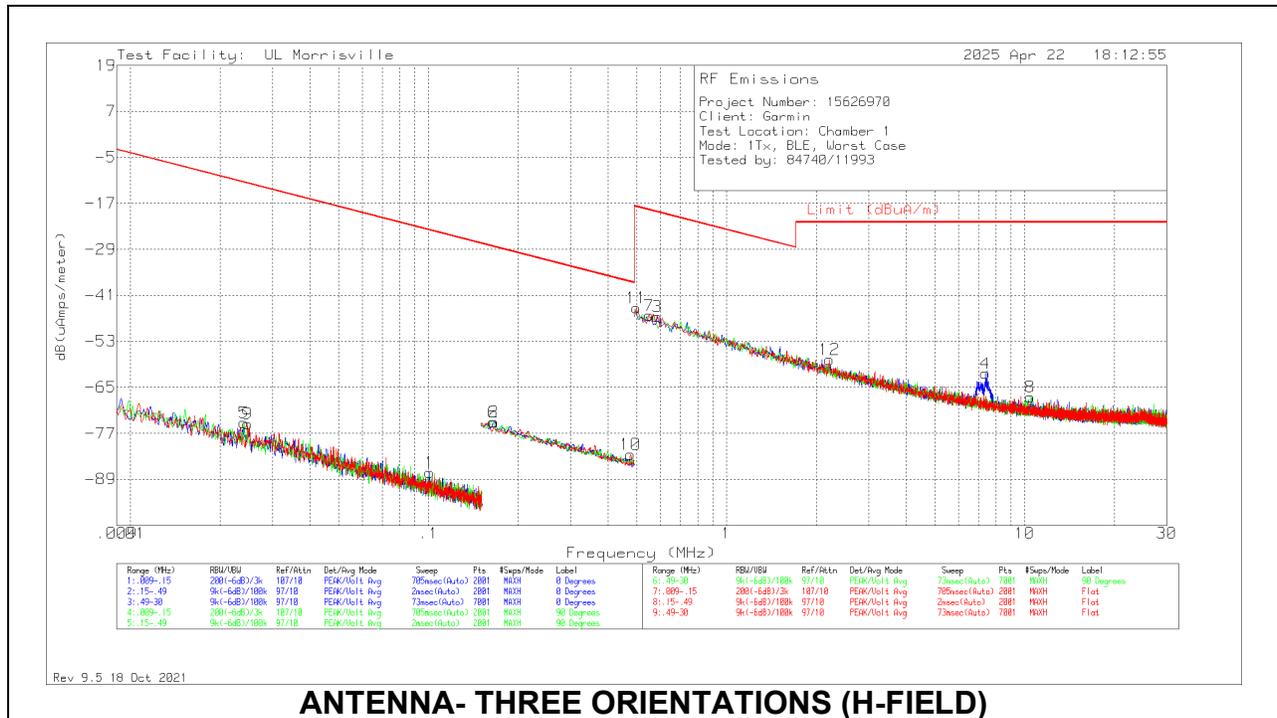
### 10.2.3. BLE



### ANTENNA- THREE ORIENTATIONS (E-FIELD)

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (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
5	.02405	43.53	Pk	13.6	.1	-80	-22.77	39.98	59.98	-62.75	0-360	90 degs
9	.02469	43.31	Pk	13.6	.1	-80	-22.99	39.75	59.75	-62.74	0-360	Flat
1	.10087	33.02	Pk	11.1	.1	-80	-35.78	27.53	-	-63.31	0-360	0 degs
6	.16462	46.4	Pk	11	.1	-80	-22.5	23.27	43.27	-45.77	0-360	90 degs
2	.1659	46.33	Pk	11	.1	-80	-22.57	23.21	43.21	-45.78	0-360	0 degs
10	.47632	37.88	Pk	11	.1	-80	-31.02	14.05	34.05	-45.07	0-360	Flat
11	.49843	36.15	Pk	11	.1	-40	7.25	33.65	-	-26.4	0-360	Flat
7	.54902	34.1	Pk	11	.1	-40	5.2	32.81	-	-27.61	0-360	90 degs
3	.58697	33.91	Pk	11	.1	-40	5.01	32.23	-	-27.22	0-360	0 degs
12	2.21434	22.42	Pk	11.1	.2	-40	-6.28	29.54	-	-35.82	0-360	Flat
4	7.38316	18.98	Pk	10.7	.4	-40	-9.92	29.54	-	-39.46	0-360	0 degs
8	10.45241	12.81	Pk	10.6	.5	-40	-16.09	29.54	-	-45.63	0-360	90 degs

Pk - Peak detector



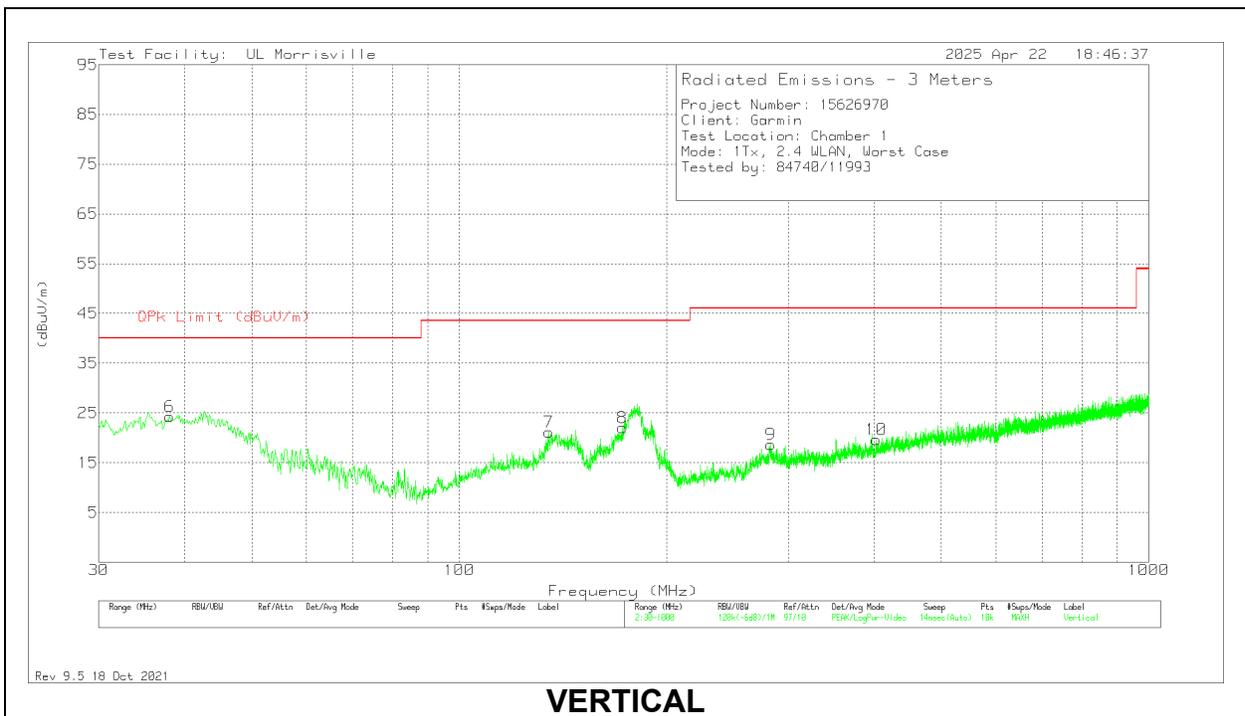
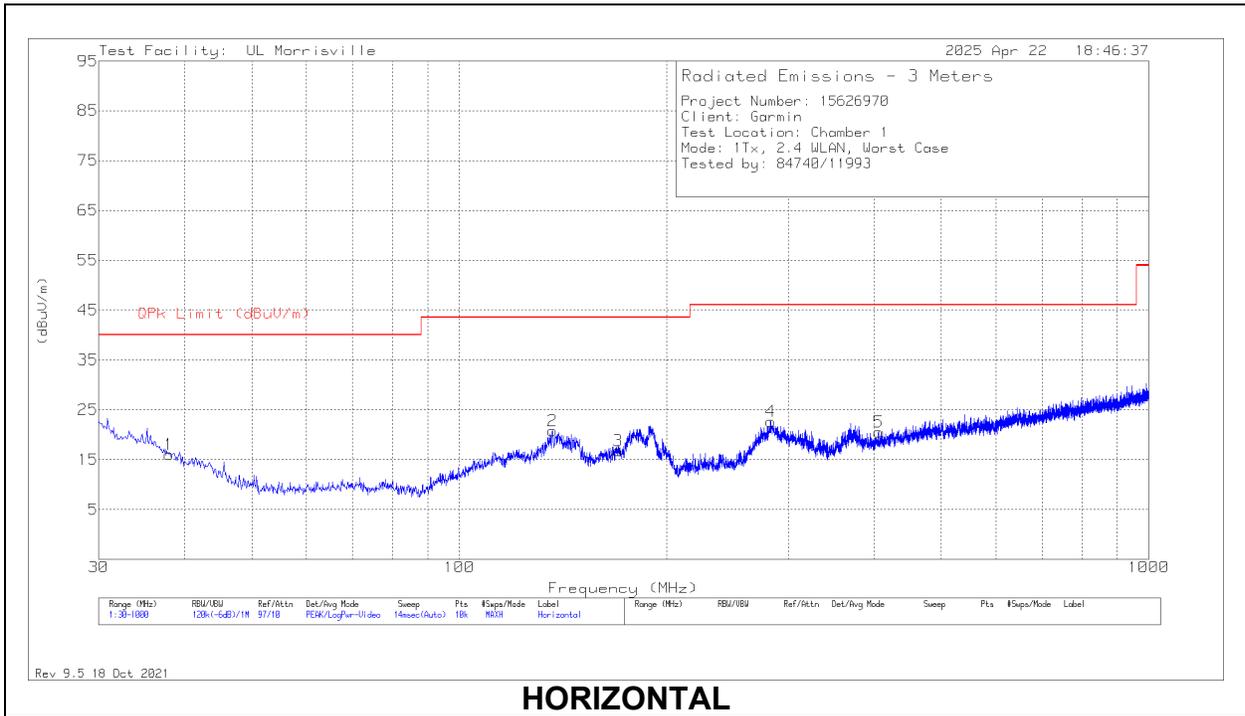
**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
5	.02405	43.53	Pk	-37.9	.1	-80	-74.27	-11.52	8.48	-62.75	0-360	90 degs
9	.02469	43.31	Pk	-37.9	.1	-80	-74.49	-11.75	8.25	-62.74	0-360	Flat
1	.10087	33.02	Pk	-40.4	.1	-80	-87.28	-23.97	-	-63.31	0-360	0 degs
6	.16462	46.4	Pk	-40.5	.1	-80	-74	-28.23	-8.23	-45.77	0-360	90 degs
2	.1659	46.33	Pk	-40.5	.1	-80	-74.07	-28.29	-8.29	-45.78	0-360	0 degs
10	.47632	37.88	Pk	-40.5	.1	-80	-82.52	-37.45	-17.45	-45.07	0-360	Flat
11	.49843	36.15	Pk	-40.5	.1	-40	-44.25	-17.85	-	-26.4	0-360	Flat
7	.54902	34.1	Pk	-40.5	.1	-40	-46.3	-18.69	-	-27.61	0-360	90 degs
3	.58697	33.91	Pk	-40.5	.1	-40	-46.49	-19.27	-	-27.22	0-360	0 degs
12	2.21434	22.42	Pk	-40.4	.2	-40	-57.78	-21.96	-	-35.82	0-360	Flat
4	7.38316	18.98	Pk	-40.8	.4	-40	-61.42	-21.96	-	-39.46	0-360	0 degs
8	10.45241	12.81	Pk	-40.9	.5	-40	-67.59	-21.96	-	-45.63	0-360	90 degs

Pk - Peak detector

### 10.3. WORST CASE SPURIOUS BELOW 1 GHZ

#### 10.3.1. 2.4 WLAN



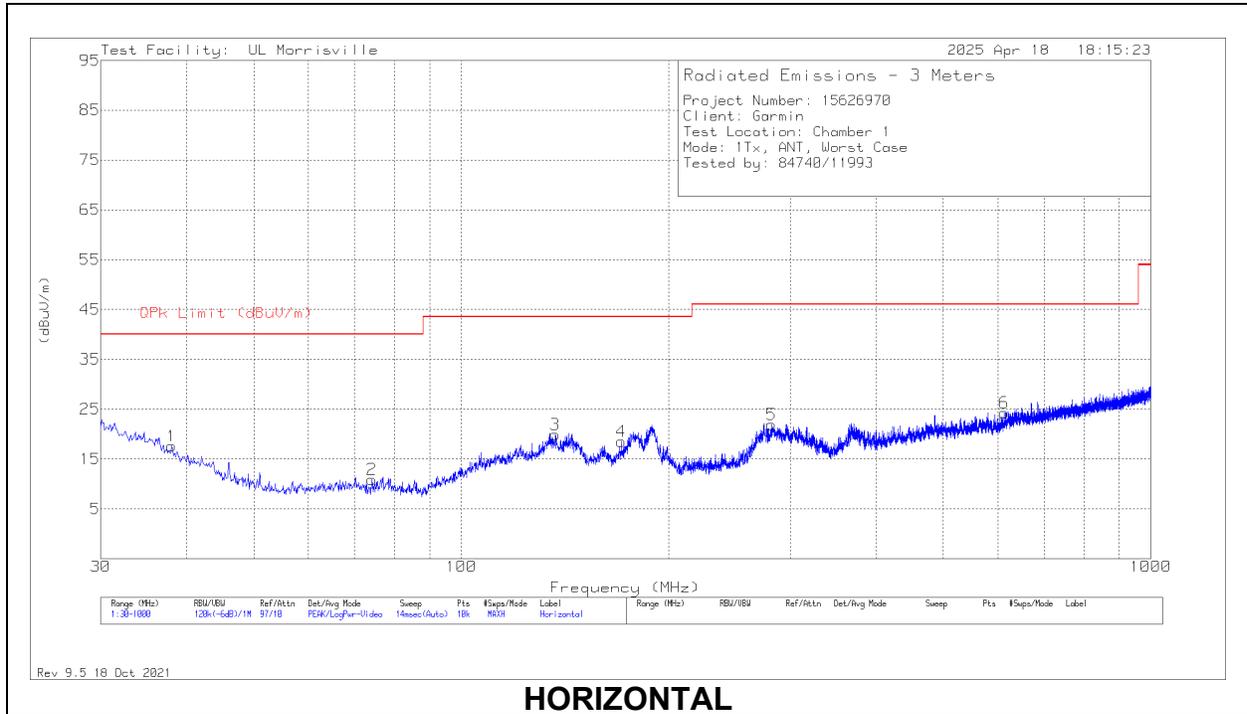
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 37.954	26.59	Pk	21.2	-31.8	15.99	40	-24.01	0-360	200	H
2	* ** 136.506	32.03	Pk	19.7	-30.9	20.83	43.52	-22.69	0-360	200	H
3	* ** 169.971	29.01	Pk	18.1	-30.3	16.81	43.52	-26.71	0-360	300	H
4	* ** 283.17	32.17	Pk	19.5	-29	22.67	46.02	-23.35	0-360	99	H
5	* ** 405.681	27.99	Pk	21.6	-29.1	20.49	46.02	-25.53	0-360	200	H
6	* ** 38.051	34.9	Pk	21.2	-31.8	24.3	40	-15.7	0-360	100	V
7	* ** 134.857	31.75	Pk	19.8	-30.4	21.15	43.52	-22.37	0-360	100	V
8	* ** 172.59	34.77	Pk	17.9	-30.6	22.07	43.52	-21.45	0-360	100	V
9	* ** 283.267	28.18	Pk	19.5	-29	18.68	46.02	-27.34	0-360	100	V
10	* ** 402.189	27.01	Pk	21.5	-28.9	19.61	46.02	-26.41	0-360	100	V

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

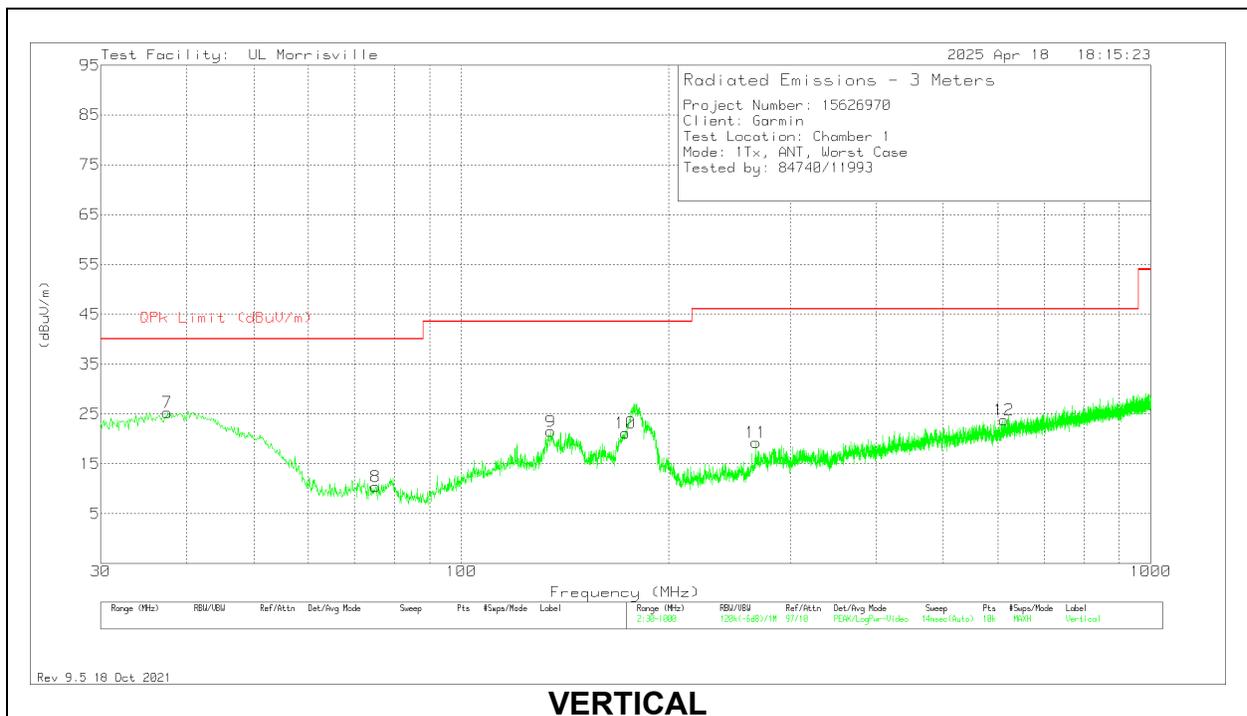
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.3.2. ANT/ANT+



**HORIZONTAL**



**VERTICAL**

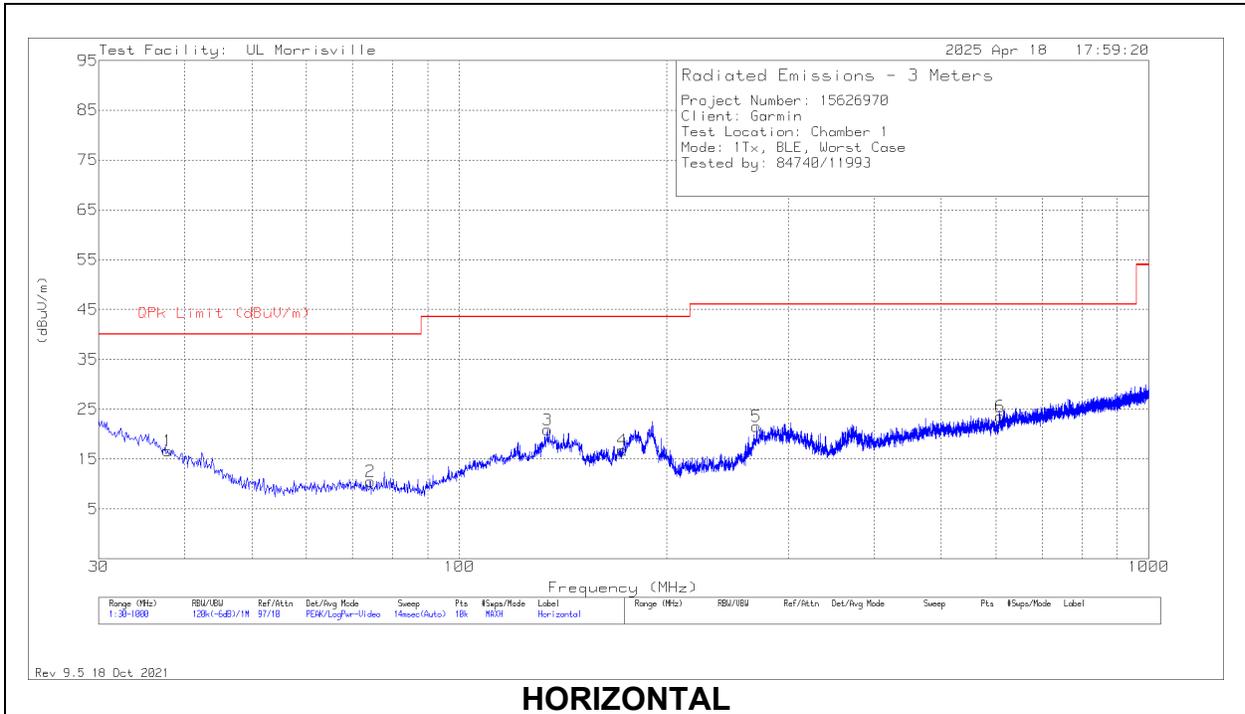
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 38.051	28.19	Pk	21.2	-31.8	17.59	40	-22.41	0-360	299	H
2	*** 74.232	28.12	Pk	14.4	-31.6	10.92	40	-29.08	0-360	199	H
3	*** 136.894	31.16	Pk	19.6	-30.9	19.86	43.52	-23.66	0-360	199	H
4	*** 170.65	30.84	Pk	18	-30.3	18.54	43.52	-24.98	0-360	199	H
5	*** 281.618	31.76	Pk	19.5	-29.4	21.86	46.02	-24.16	0-360	99	H
6	*** 613.455	27.3	Pk	25.2	-28.2	24.3	46.02	-21.72	0-360	399	H
8	*** 75.105	27.57	Pk	14.4	-31.6	10.37	40	-29.63	0-360	100	V
9	*** 134.857	32.07	Pk	19.8	-30.4	21.47	43.52	-22.05	0-360	100	V
10	*** 172.978	33.61	Pk	17.9	-30.4	21.11	43.52	-22.41	0-360	100	V
11	*** 267.456	29.69	Pk	19.1	-29.5	19.29	46.02	-26.73	0-360	100	V
12	*** 612.291	27.04	Pk	25.1	-28.4	23.74	46.02	-22.28	0-360	100	V
7	37.469	35.58	Pk	21.6	-31.9	25.28	40	-14.72	0-360	100	V

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

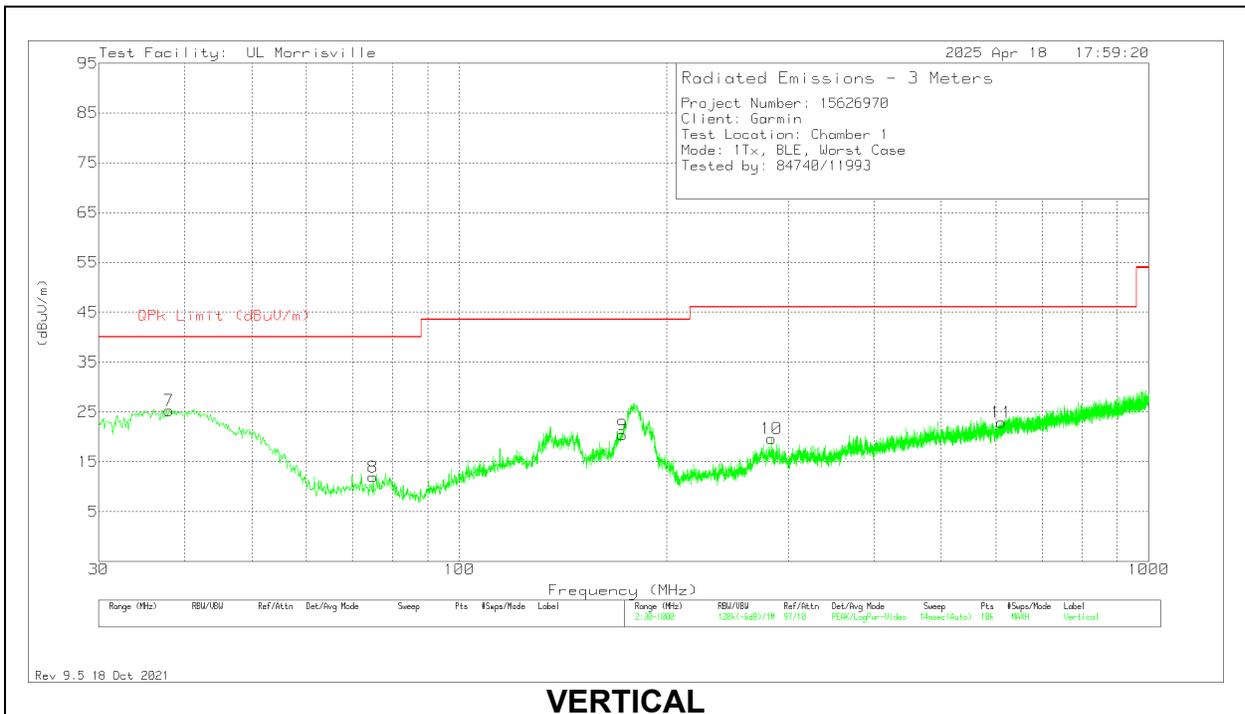
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.3.3. BLE



**HORIZONTAL**



**VERTICAL**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 37.76	27	Pk	21.4	-31.8	16.6	40	-23.4	0-360	99	H
2	* ** 74.329	27.77	Pk	14.4	-31.7	10.47	40	-29.53	0-360	99	H
3	* ** 134.275	31.35	Pk	19.8	-30.3	20.85	43.52	-22.67	0-360	200	H
4	* ** 172.396	29.62	Pk	17.9	-30.7	16.82	43.52	-26.7	0-360	200	H
5	* ** 269.784	31.64	Pk	19.3	-29.4	21.54	46.02	-24.48	0-360	99	H
6	* ** 608.702	26.72	Pk	24.9	-28.1	23.52	46.02	-22.5	0-360	399	H
7	* ** 37.954	35.9	Pk	21.2	-31.8	25.3	40	-14.7	0-360	100	V
8	* ** 75.008	29.05	Pk	14.4	-31.5	11.95	40	-28.05	0-360	100	V
9	* ** 172.59	33.05	Pk	17.9	-30.6	20.35	43.52	-23.17	0-360	100	V
10	* ** 283.461	29.11	Pk	19.5	-29	19.61	46.02	-26.41	0-360	100	V
11	* ** 611.515	26.29	Pk	25	-28.4	22.89	46.02	-23.13	0-360	100	V

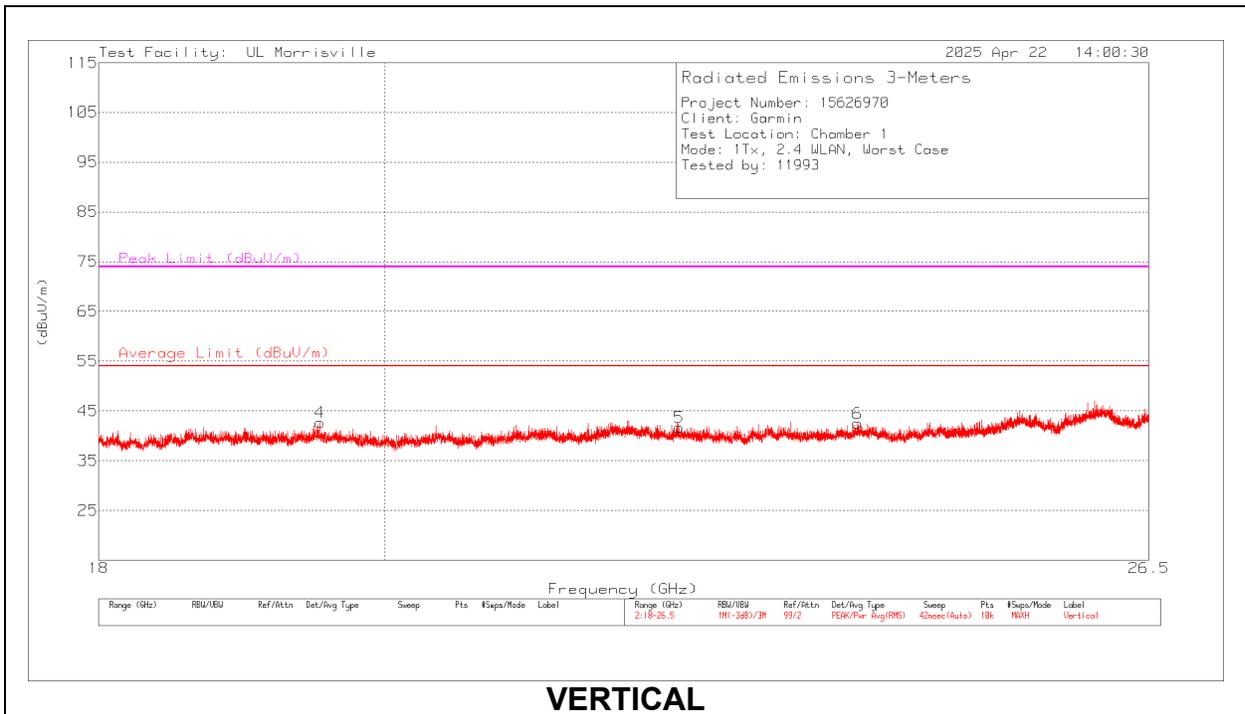
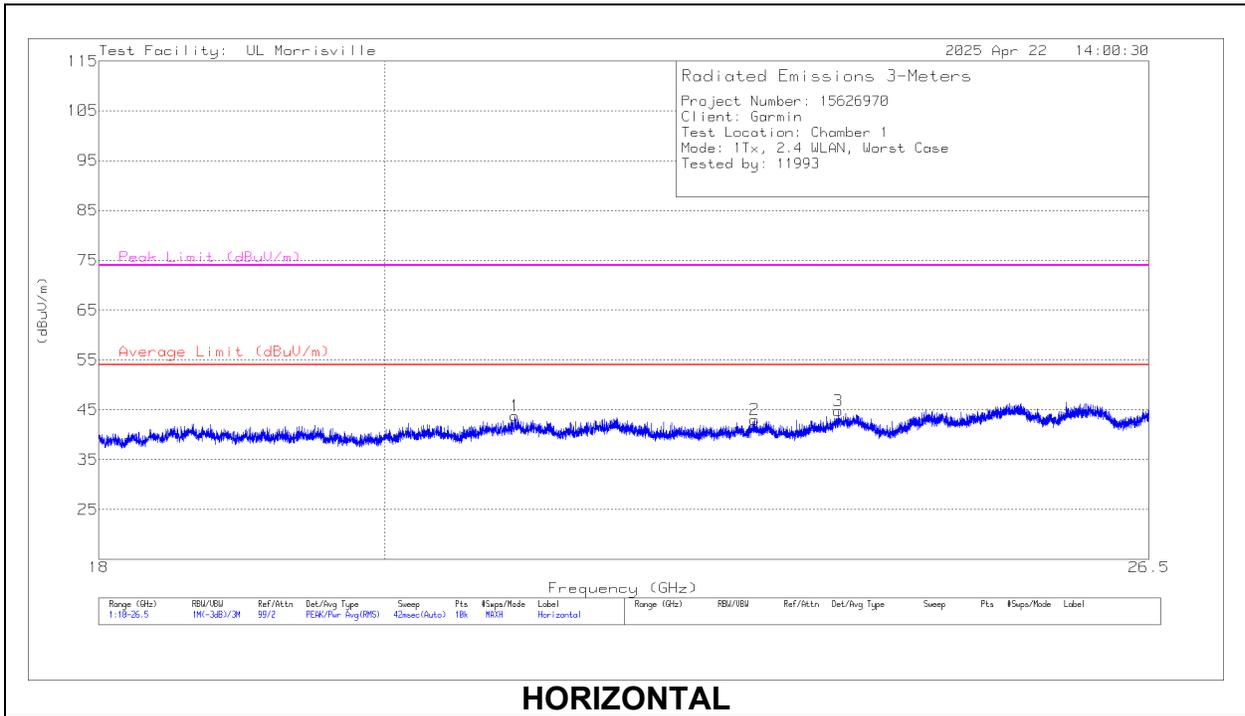
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

### 10.4. WORST CASE SPURIOUS 18-26 GHZ

#### 10.4.1. 2.4 WLAN



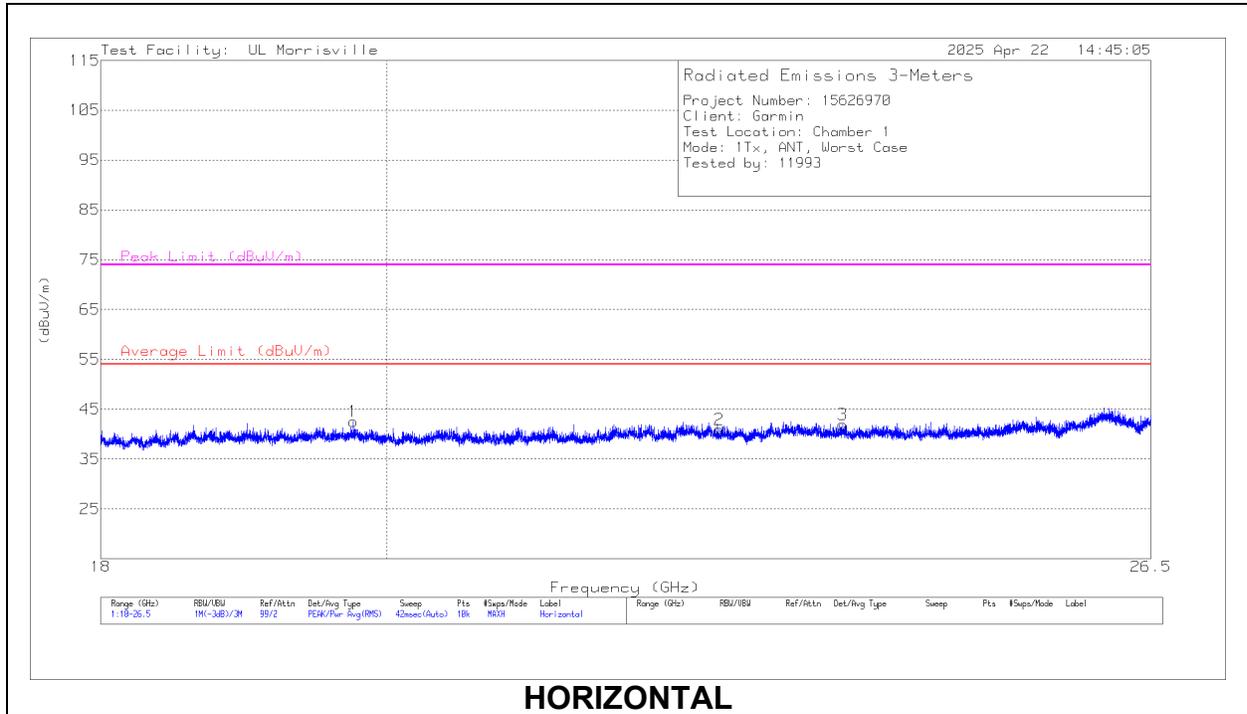
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.9815	50.97	Pk	32.8	-40	43.77	54	-10.23	74	-30.23	0-360	149	H
2	* ** 22.91846	49.69	Pk	33.5	-40.2	42.99	54	-11.01	74	-31.01	0-360	100	H
3	* ** 23.63409	50.87	Pk	33.8	-39.9	44.77	54	-9.23	74	-29.23	0-360	100	H
4	* ** 19.52815	50.17	Pk	32.6	-40.1	42.67	54	-11.33	74	-31.33	0-360	150	V
5	* ** 22.28867	48.41	Pk	33.4	-40.2	41.61	54	-12.39	74	-32.39	0-360	101	V
6	* ** 23.80407	48.37	Pk	34	-39.9	42.47	54	-11.53	74	-31.53	0-360	150	V

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

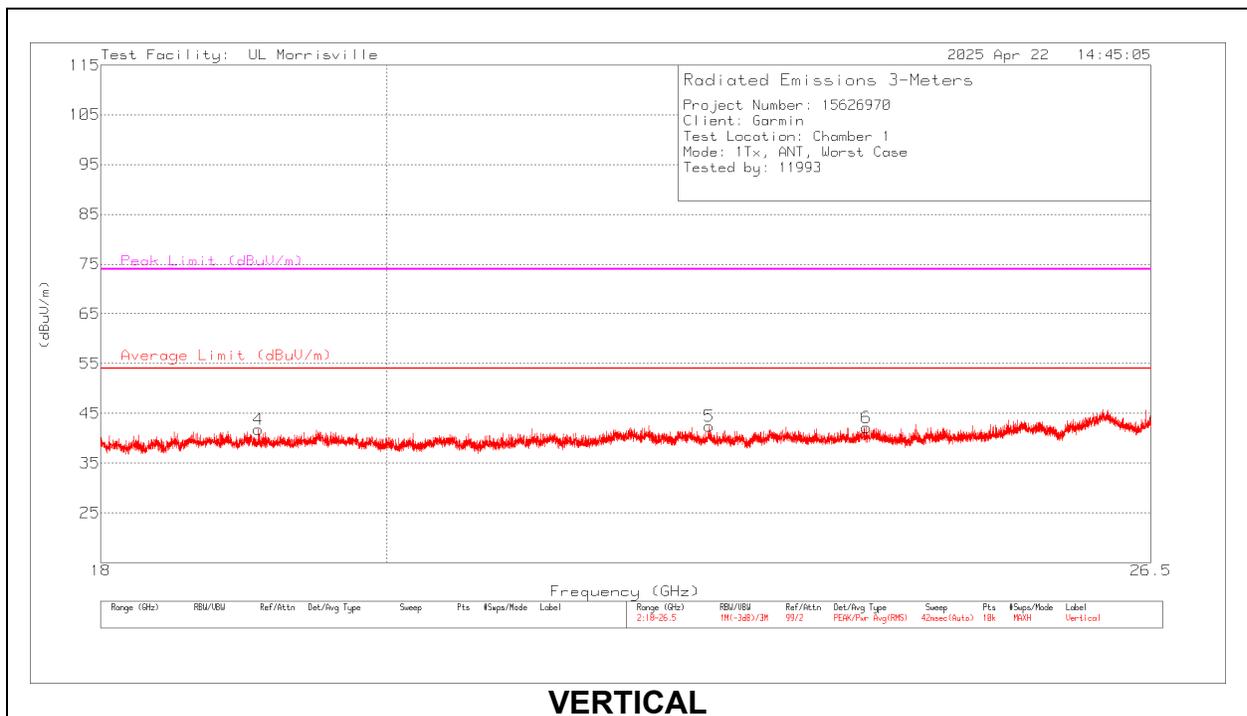
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.4.2. ANT/ANT+



**HORIZONTAL**



**VERTICAL**

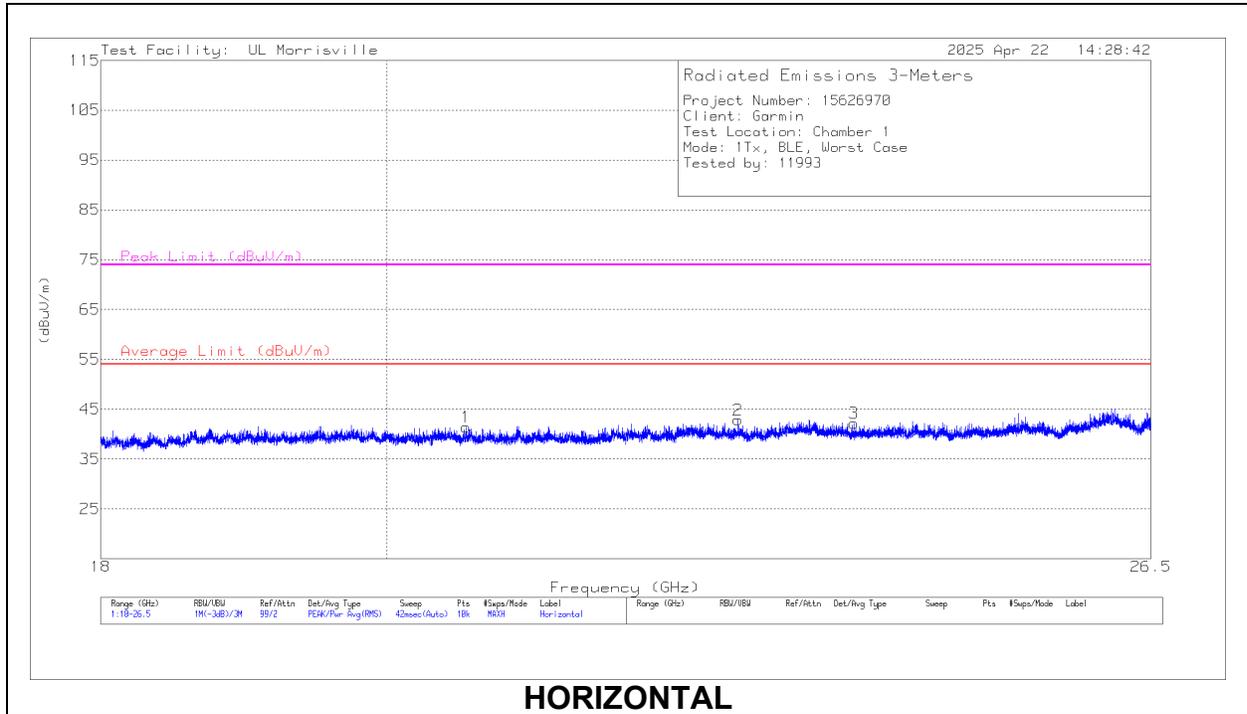
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 19.75592	50.27	Pk	32.5	-40.2	42.57	54	-11.43	74	-31.43	0-360	149	H
2	*** 22.60314	47.76	Pk	33.4	-40.2	40.96	54	-13.04	74	-33.04	0-360	300	H
3	*** 23.65873	48.05	Pk	33.8	-39.9	41.95	54	-12.05	74	-32.05	0-360	200	H
4	*** 19.07514	49.33	Pk	32.5	-40.1	41.73	54	-12.27	74	-32.27	0-360	200	V
5	** 22.5241	49.25	Pk	33.4	-40.2	42.45	54	-11.55	74	-31.55	0-360	251	V
6	*** 23.86271	48.23	Pk	33.8	-39.9	42.13	54	-11.87	74	-31.87	0-360	150	V

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

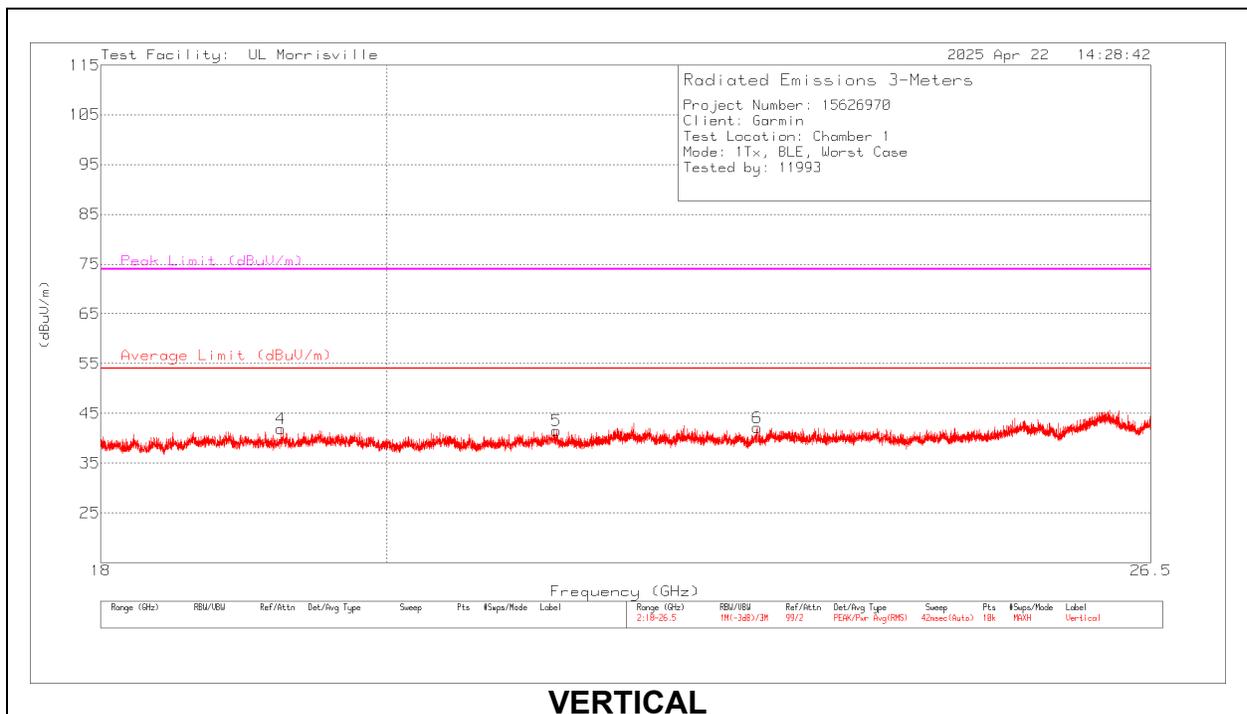
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.4.3. BLE



**HORIZONTAL**



**VERTICAL**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.59224	48.94	Pk	32.6	-40.1	41.44	54	-12.56	74	-32.56	0-360	300	H
2	* ** 22.76377	49.64	Pk	33.4	-40.2	42.84	54	-11.16	74	-31.16	0-360	101	H
3	* ** 23.75477	48.09	Pk	34	-39.9	42.19	54	-11.81	74	-31.81	0-360	300	H
4	* ** 19.23323	49.39	Pk	32.6	-40.1	41.89	54	-12.11	74	-32.11	0-360	300	V
5	* ** 21.28832	48.83	Pk	32.7	-40	41.53	54	-12.47	74	-32.47	0-360	300	V
6	* ** 22.92526	48.8	Pk	33.5	-40.2	42.1	54	-11.9	74	-31.9	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

## 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.

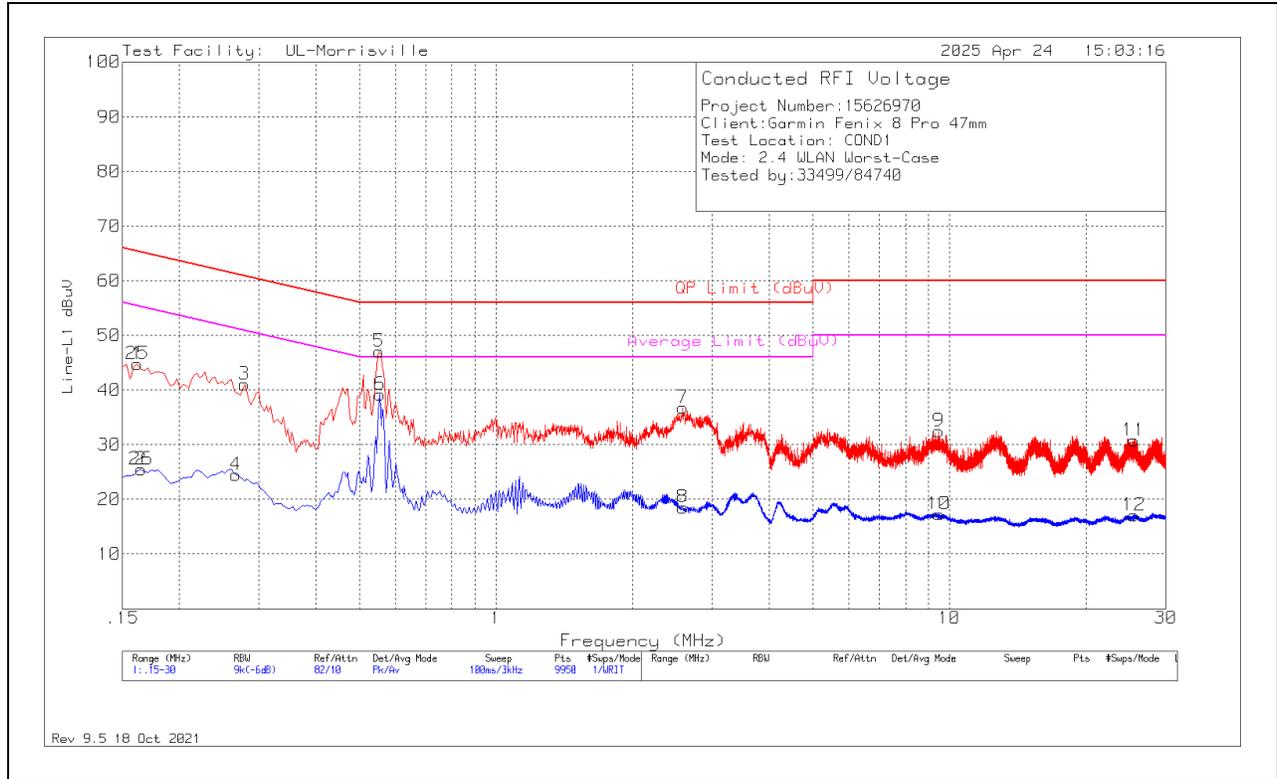
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

## 11.1. AC POWER LINE

### 11.1.1. 2.4 WLAN

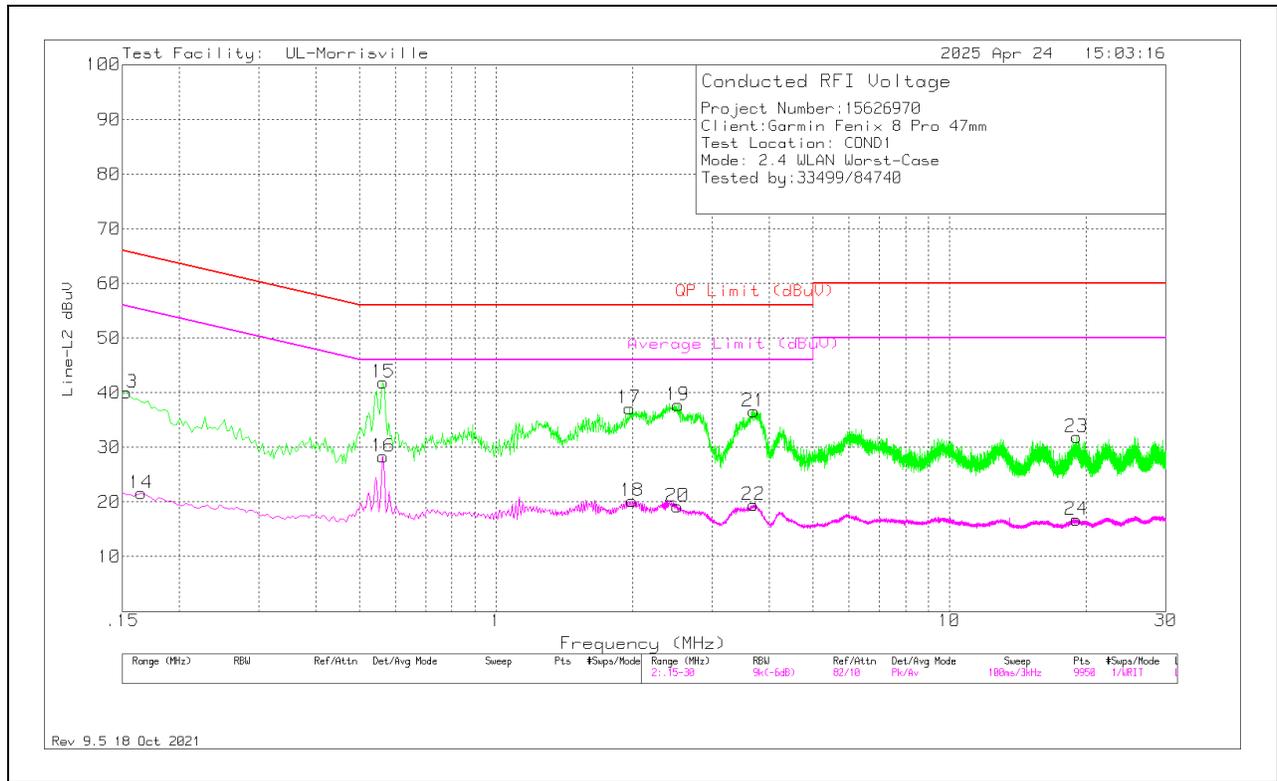
#### LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.162	24.55	Pk	.2	0	20	44.75	65.36	-20.61	-	-
25	.162	24.55	Pk	.2	0	20	44.75	65.36	-20.61	-	-
2	.165	5.29	Av	.2	0	20	25.49	-	-	55.21	-29.72
26	.165	5.29	Av	.2	0	20	25.49	-	-	55.21	-29.72
4	.267	4.39	Av	.1	0	20	24.49	-	-	51.21	-26.72
3	.279	20.94	Pk	.1	0	20	41.04	60.85	-19.81	-	-
5	.552	26.91	Pk	0	.1	20	47.01	56	-8.99	-	-
6	.555	19.12	Av	0	.1	20	39.22	-	-	46	-6.78
7	2.583	16.72	Pk	0	.1	20	36.82	56	-19.18	-	-
8	2.583	-1.54	Av	0	.1	20	18.56	-	-	46	-27.44
9	9.483	12.18	Pk	.1	.2	20	32.48	60	-27.52	-	-
10	9.483	-3.01	Av	.1	.2	20	17.29	-	-	50	-32.71
12	25.518	-3.75	Av	.4	.4	20	17.05	-	-	50	-32.95
11	25.521	9.93	Pk	.4	.4	20	30.73	60	-29.27	-	-

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS

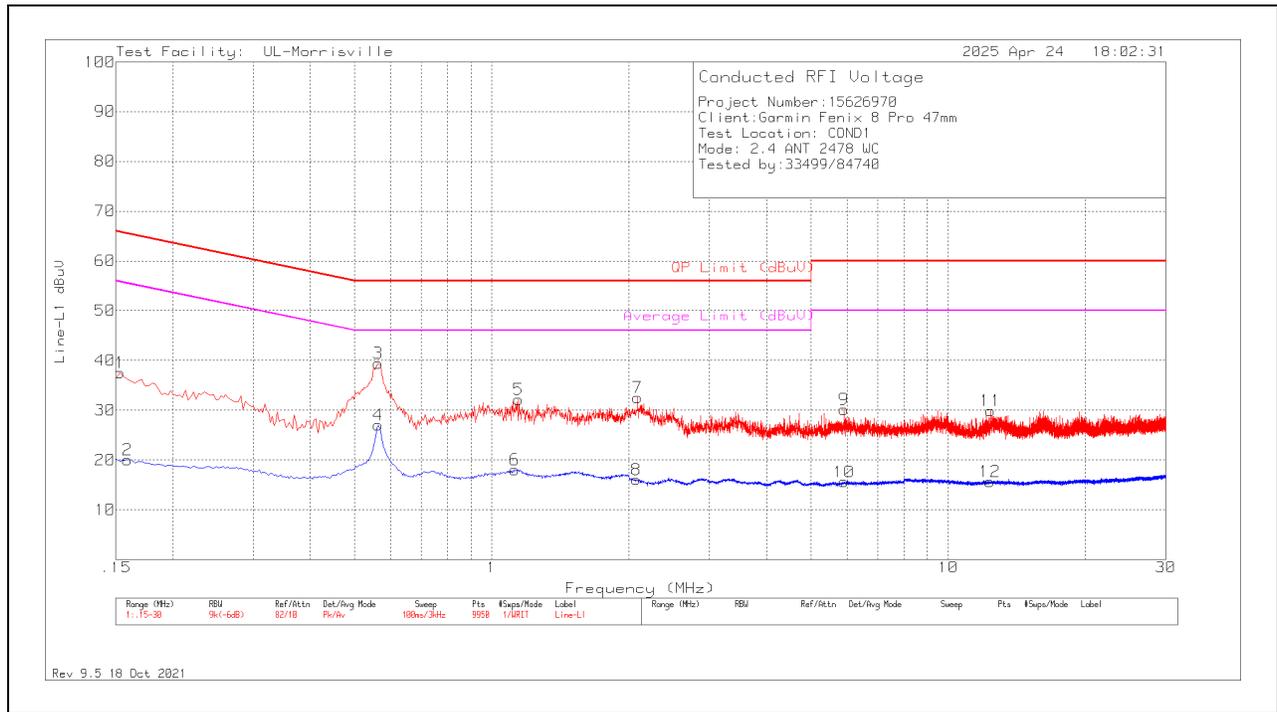


Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	19.82	Pk	.2	0	20	40.02	65.84	-25.82	-	-
14	.165	1.42	Av	.2	0	20	21.62	-	-	55.21	-33.59
15	.564	21.83	Pk	0	.1	20	41.93	56	-14.07	-	-
16	.564	8.2	Av	0	.1	20	28.3	-	-	46	-17.7
17	1.971	17.04	Pk	0	.1	20	37.14	56	-18.86	-	-
18	1.998	.11	Av	0	.1	20	20.21	-	-	46	-25.79
20	2.511	-.84	Av	0	.1	20	19.26	-	-	46	-26.74
19	2.52	17.62	Pk	0	.1	20	37.72	56	-18.28	-	-
22	3.699	-.61	Av	0	.1	20	19.49	-	-	46	-26.51
21	3.702	16.49	Pk	0	.1	20	36.59	56	-19.41	-	-
24	19.062	-3.77	Av	.2	.4	20	16.83	-	-	50	-33.17
23	19.077	11.28	Pk	.2	.4	20	31.88	60	-28.12	-	-

Pk - Peak detector  
 Av - Average detection

11.1.2. ANT/ANT+

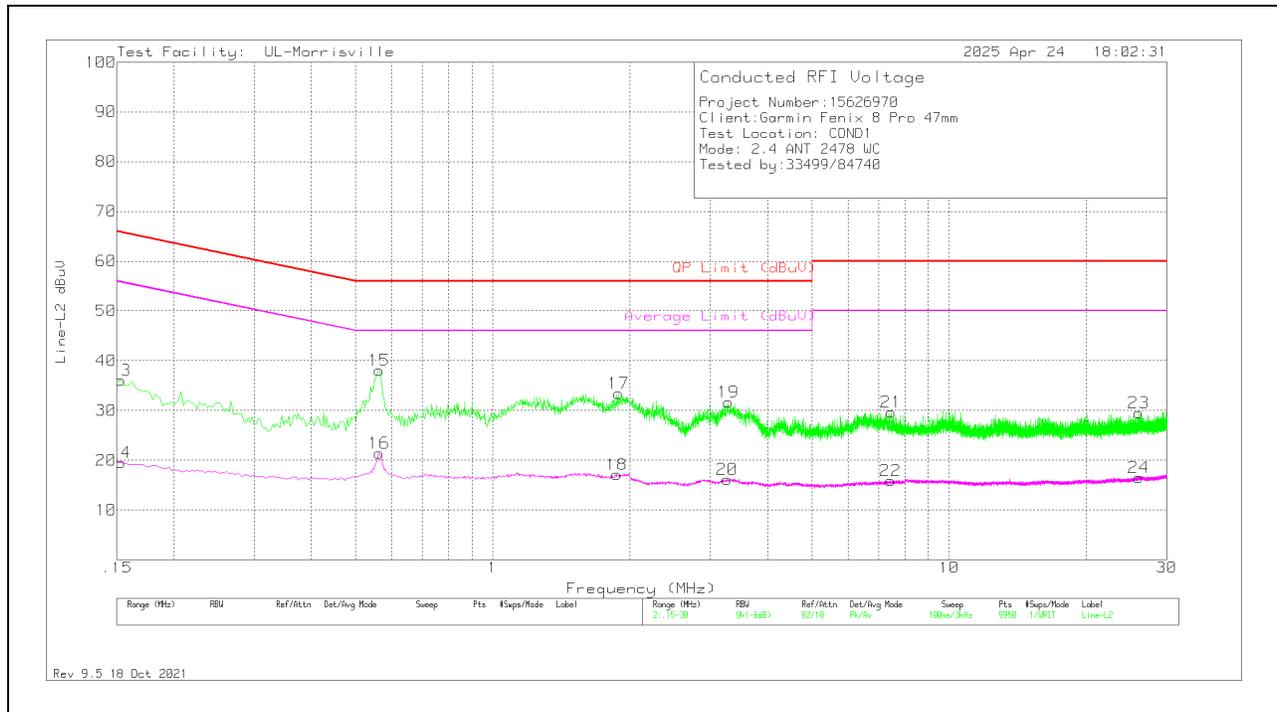
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading (dBuV)	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	17.34	Pk	.2	0	20	37.54	65.84	-28.3	-	-
2	.159	-1.16	Av	.2	0	20	20.04	-	-	55.52	-35.48
3	.564	19.29	Pk	0	.1	20	39.39	56	-16.61	-	-
4	.564	6.89	Av	0	.1	20	26.99	-	-	46	-19.01
6	1.122	-2.08	Av	0	.1	20	18.02	-	-	46	-27.98
5	1.146	12.11	Pk	0	.1	20	32.21	56	-23.79	-	-
8	2.073	-4.03	Av	0	.1	20	16.07	-	-	46	-29.93
7	2.088	12.39	Pk	0	.1	20	32.49	56	-23.51	-	-
9	5.913	9.81	Pk	.1	.2	20	30.11	60	-29.89	-	-
10	5.922	-4.72	Av	.1	.2	20	15.58	-	-	50	-34.42
12	12.366	-4.73	Av	.1	.3	20	15.67	-	-	50	-34.33
11	12.387	9.48	Pk	.1	.3	20	29.88	60	-30.12	-	-

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS

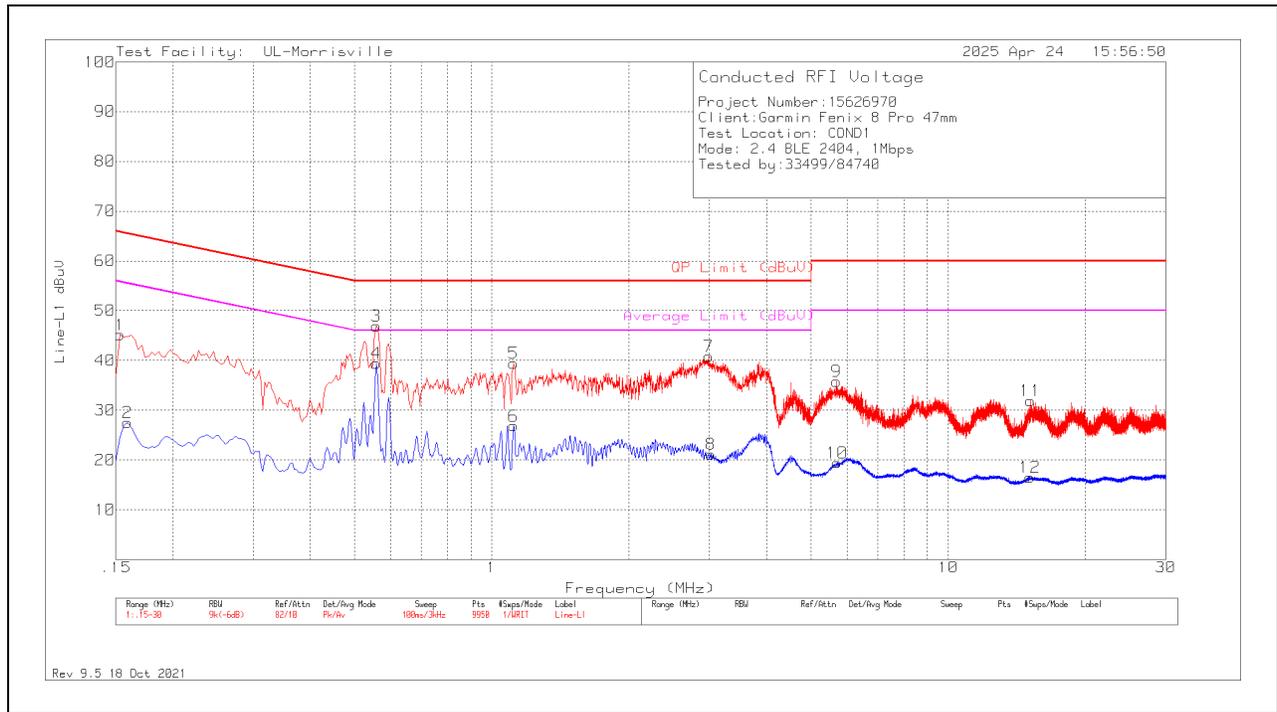


Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	15.89	Pk	.2	0	20	36.09	65.84	-29.75	-	-
14	.153	-.64	Av	.2	0	20	19.56	-	-	55.84	-36.28
15	.564	17.92	Pk	0	.1	20	38.02	56	-17.98	-	-
16	.564	1.28	Av	0	.1	20	21.38	-	-	46	-24.62
18	1.872	-3.01	Av	0	.1	20	17.09	-	-	46	-28.91
17	1.887	13.33	Pk	0	.1	20	33.43	56	-22.57	-	-
20	3.267	-3.92	Av	0	.1	20	16.18	-	-	46	-29.82
19	3.285	11.54	Pk	0	.1	20	31.64	56	-24.36	-	-
22	7.443	-4.44	Av	.1	.2	20	15.86	-	-	50	-34.14
21	7.464	9.36	Pk	.1	.2	20	29.66	60	-30.34	-	-
23	26.052	8.73	Pk	.4	.4	20	29.53	60	-30.47	-	-
24	26.052	-4.28	Av	.4	.4	20	16.52	-	-	50	-33.48

Pk - Peak detector  
 Av - Average detection

11.1.3. BLE

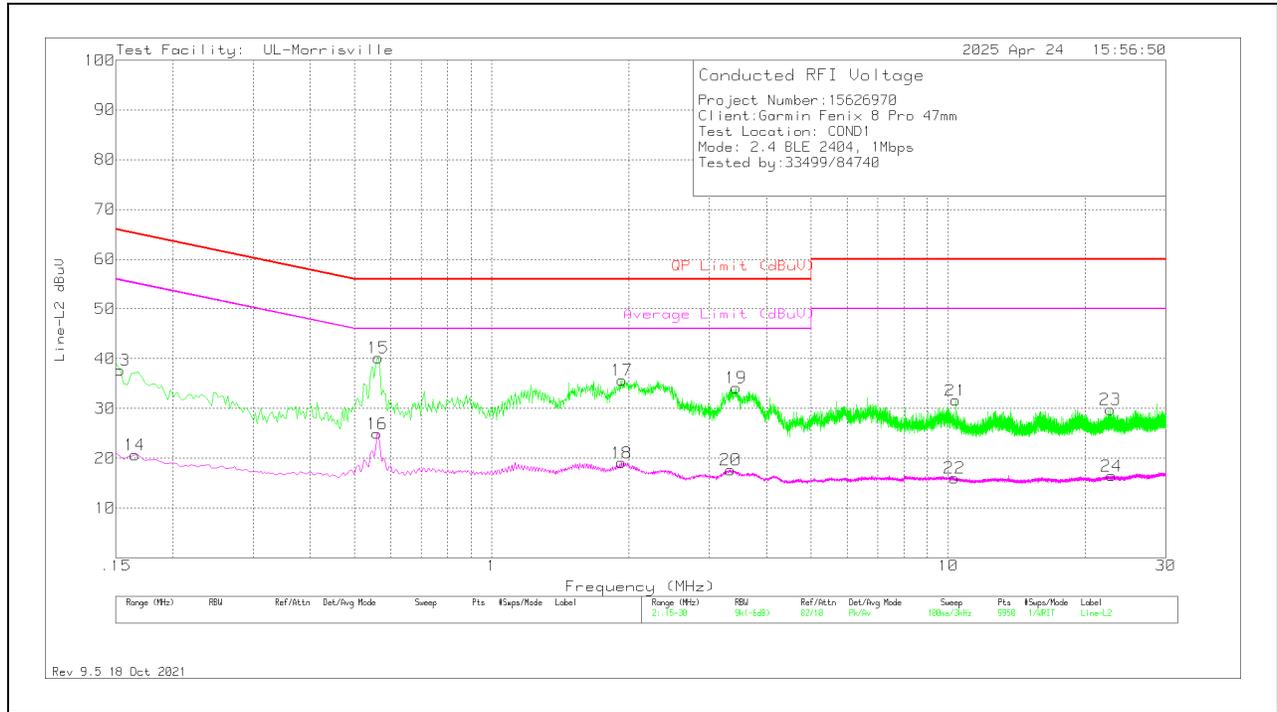
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading (dBuV)	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	24.93	Pk	.2	0	20	45.13	65.84	-20.71	-	-
2	.159	7.34	Av	.2	0	20	27.54	-	-	55.52	-27.98
3	.558	26.82	Pk	0	.1	20	46.92	56	-9.08	-	-
4	.558	19.37	Av	0	.1	20	39.47	-	-	46	-6.53
5	1.116	19.32	Pk	0	.1	20	39.42	56	-16.58	-	-
6	1.116	6.74	Av	0	.1	20	26.84	-	-	46	-19.16
7	2.988	20.7	Pk	0	.1	20	40.8	56	-15.2	-	-
8	3.021	1.09	Av	0	.1	20	21.19	-	-	46	-24.81
9	5.697	15.49	Pk	.1	.2	20	35.79	60	-24.21	-	-
10	5.706	-8.5	Av	.1	.2	20	19.45	-	-	50	-30.55
12	15.123	-4.01	Av	.2	.3	20	16.49	-	-	50	-33.51
11	15.138	11.43	Pk	.2	.3	20	31.93	60	-28.07	-	-

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	171083 (dB)	Atten (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	17.48	Pk	.2	0	20	37.68	65.84	-28.16	-	-
14	.165	.45	Av	.2	0	20	20.65	-	-	55.21	-34.56
16	.561	4.86	Av	0	.1	20	24.96	-	-	46	-21.04
15	.564	20.05	Pk	0	.1	20	40.15	56	-15.85	-	-
18	1.926	-1.02	Av	0	.1	20	19.08	-	-	46	-26.92
17	1.929	15.57	Pk	0	.1	20	35.67	56	-20.33	-	-
20	3.333	-2.47	Av	0	.1	20	17.63	-	-	46	-28.37
19	3.429	14.02	Pk	0	.1	20	34.12	56	-21.88	-	-
22	10.326	-4.38	Av	.1	.3	20	16.02	-	-	50	-33.98
21	10.38	11.21	Pk	.1	.3	20	31.61	60	-28.39	-	-
23	22.674	9.13	Pk	.3	.4	20	29.83	60	-30.17	-	-
24	22.833	-4.25	Av	.3	.4	20	16.45	-	-	50	-33.55

Pk - Peak detector  
 Av - Average detection

## 12. SETUP PHOTOS

Please refer 15626970-EP2 for setup photos

**END OF TEST REPORT**