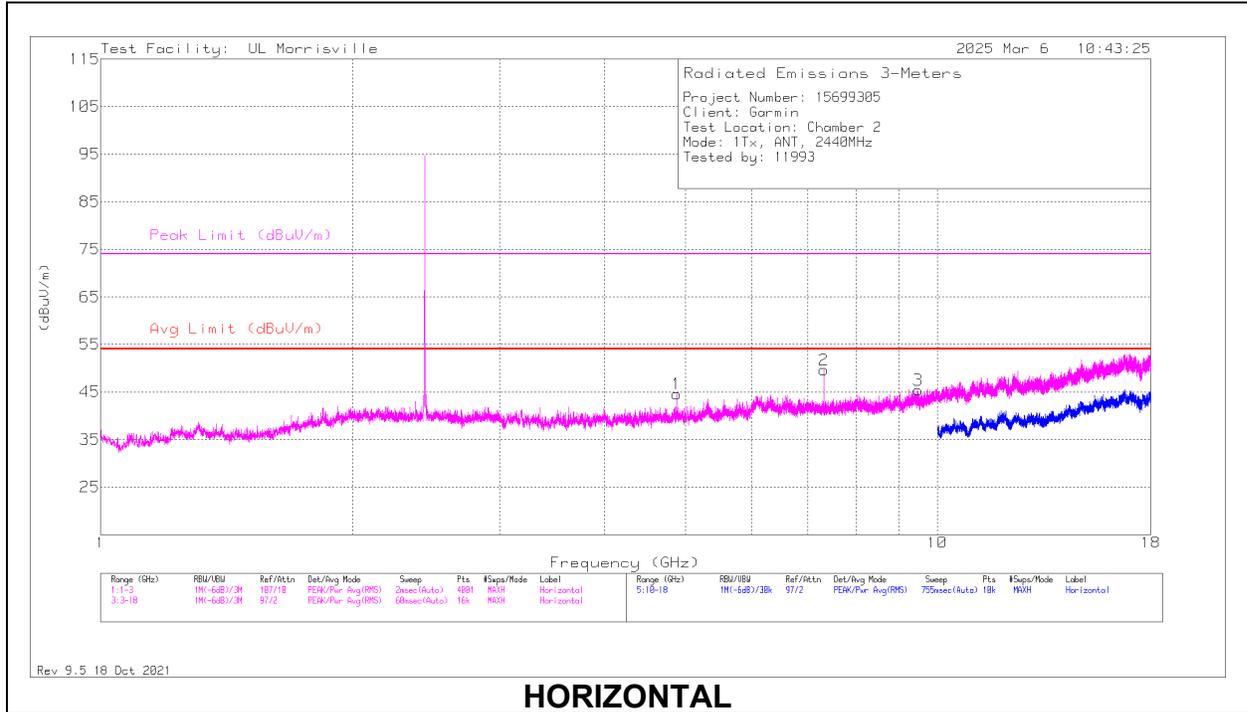
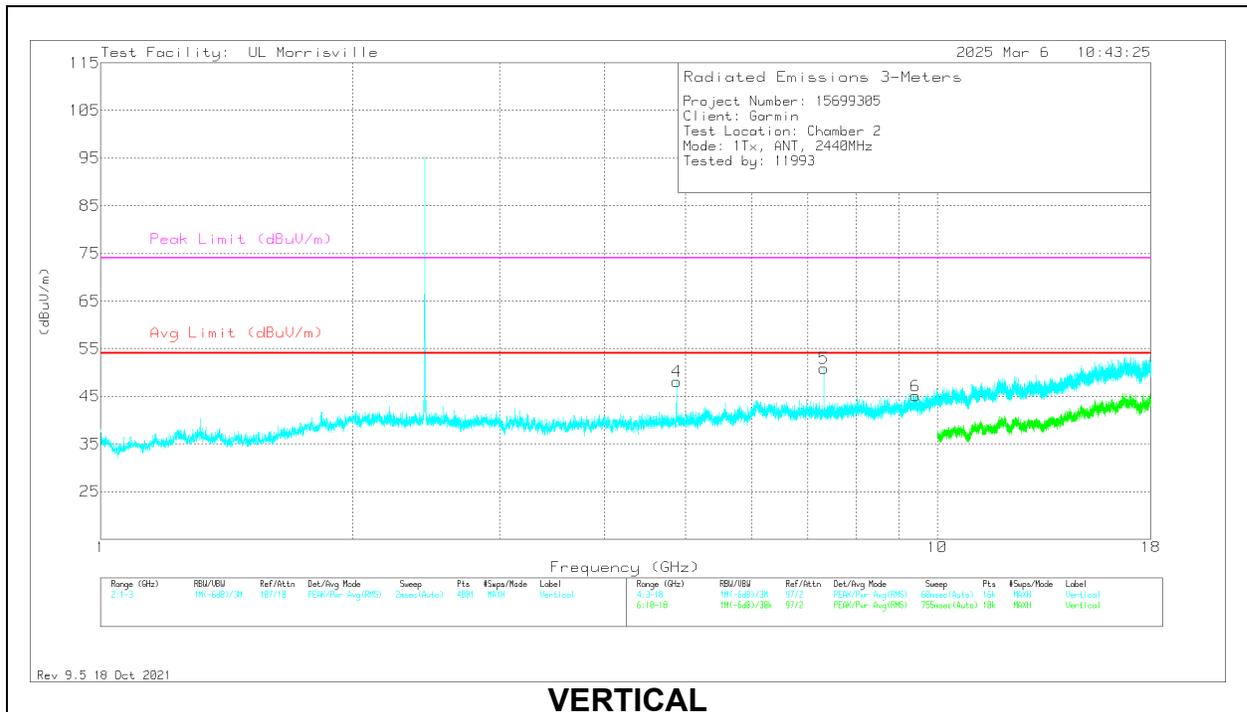


### MID CHANNEL



### HORIZONTAL



### VERTICAL

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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.88063	54.15	Pk	34.1	-43.7	44.55	54	-9.45	74	-29.45	0-360	101	H
2	* ** 7.31937	58.08	PK2	35.6	-41.8	51.88	-	-	74	-22.12	31	101	H
	* ** 7.32086	50.71	ADV	35.6	-41.8	44.51	54	-9.49	-	-	31	101	H
3	* ** 9.48656	49.12	Pk	36.4	-40.1	45.42	54	-8.58	74	-28.58	0-360	200	H
4	* ** 4.88046	59.6	PK2	34.1	-43.7	50	-	-	74	-24	37	101	V
	* ** 4.88044	52.77	ADV	34.1	-43.7	43.17	54	-10.83	-	-	37	101	V
5	* ** 7.31923	58.35	PK2	35.6	-41.8	52.15	-	-	74	-21.85	51	193	V
	* ** 7.31942	50.9	ADV	35.6	-41.8	44.7	54	-9.3	-	-	51	193	V
6	* ** 9.42563	48.74	Pk	36.3	-40	45.04	54	-8.96	74	-28.96	0-360	101	V

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

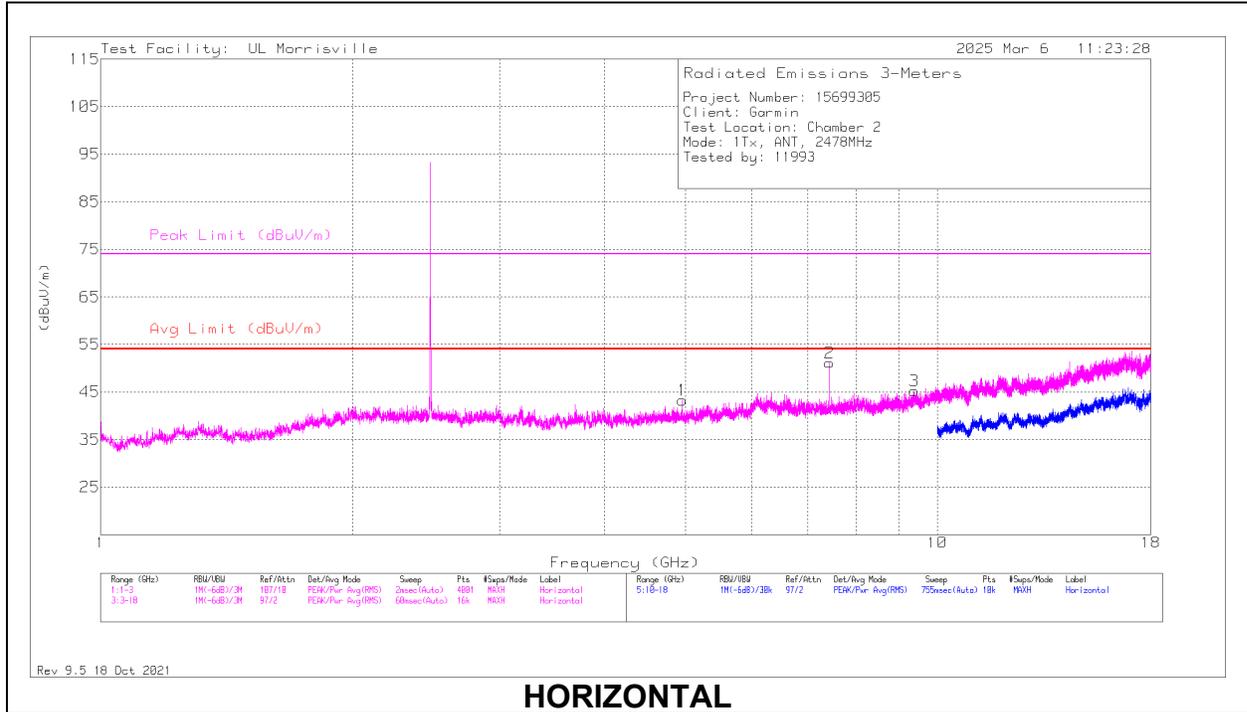
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

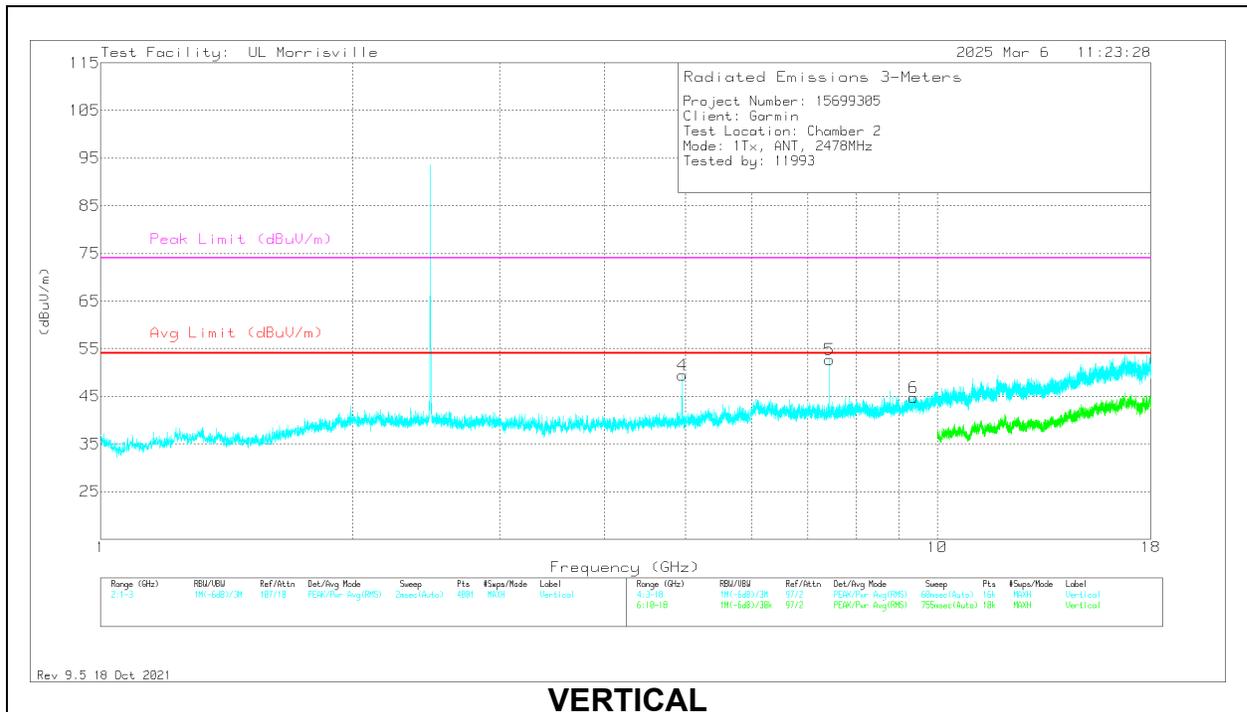
PK2 - Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL



### HORIZONTAL



### VERTICAL

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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.95469	52.99	Pk	34	-43.7	43.29	54	-10.71	74	-30.71	0-360	199	H
2	* ** 7.43332	58.37	PK2	35.6	-41.1	52.87	-	-	74	-21.13	28	199	H
	* ** 7.43473	51.55	ADV	35.6	-41	46.15	54	-7.85	-	-	28	199	H
3	* ** 9.39	48.77	Pk	36.2	-39.7	45.27	54	-8.73	74	-28.73	0-360	199	H
4	* ** 4.95555	62.1	PK2	34	-43.7	52.4	-	-	74	-21.6	31	106	V
	* ** 4.9565	56	ADV	34	-43.7	46.3	54	-7.7	-	-	31	106	V
5	* ** 7.43326	59.23	PK2	35.6	-41.1	53.73	-	-	74	-20.27	27	199	V
	* ** 7.43497	51.95	ADV	35.6	-41	46.55	54	-7.45	-	-	27	199	V
6	* ** 9.36656	48.31	Pk	36.1	-39.7	44.71	54	-9.29	74	-29.29	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

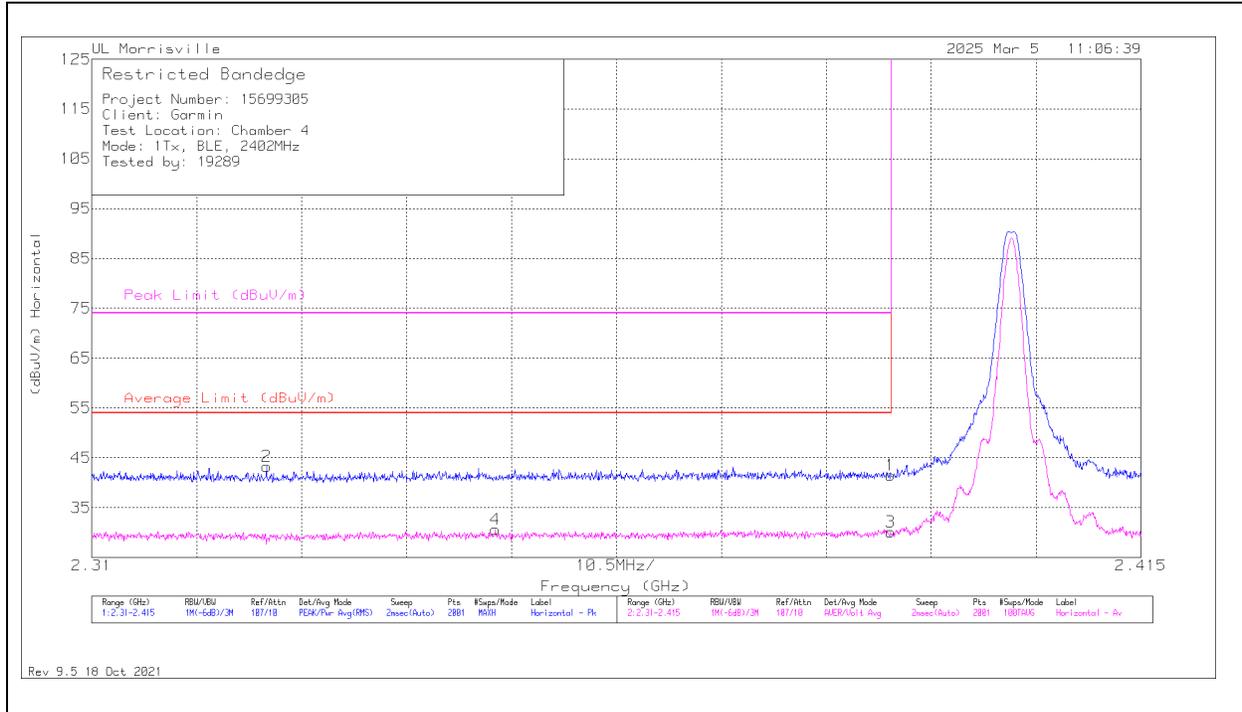
PK2 - Maximum Peak

ADV - Linear Voltage Average

### 10.1.5. TX ABOVE 1 GHz BLE 1Mbps MODE IN THE 2.4 GHz BAND

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

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	32.76	Pk	32	-23.2	41.56	-	-	74	-32.44	169	139	H
2	* ** 2.32748	34.52	Pk	31.9	-23.2	43.22	-	-	74	-30.78	169	139	H
3	* ** 2.38996	21.31	ADV	32	-23.2	30.11	54	-23.89	-	-	169	139	H
4	* ** 2.35037	21.83	ADV	31.8	-23	30.63	54	-23.37	-	-	169	139	H

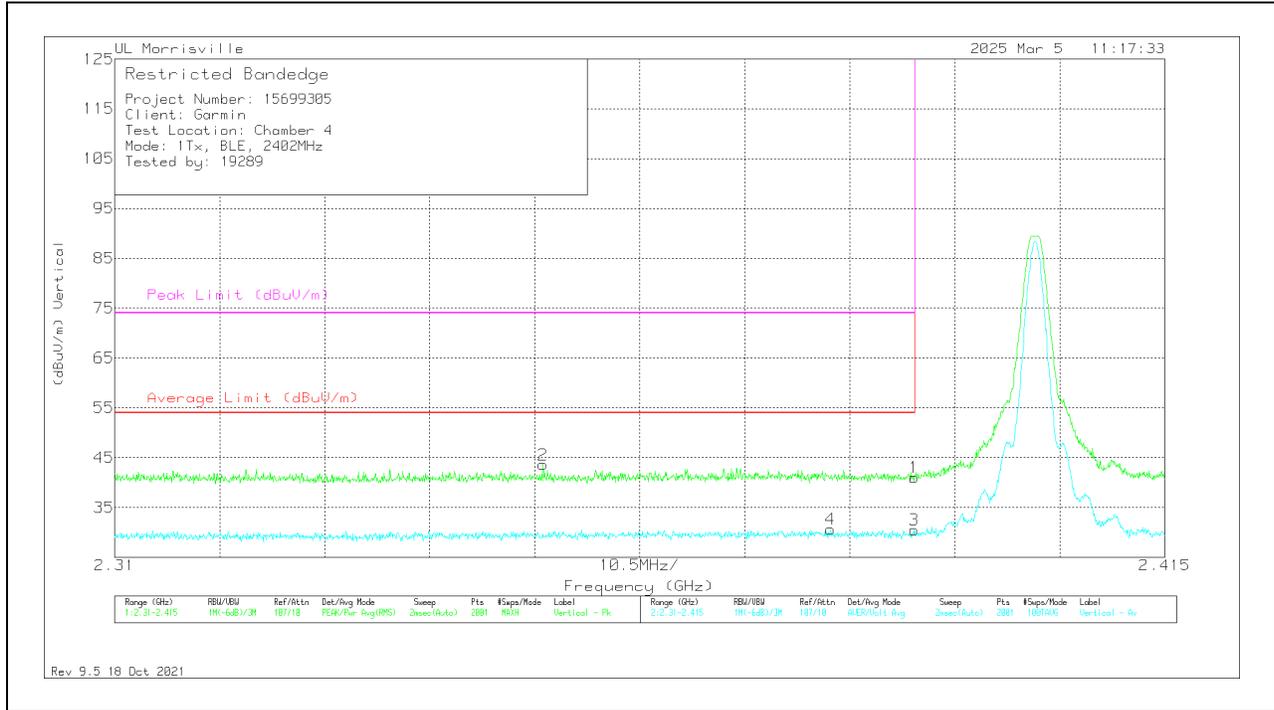
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

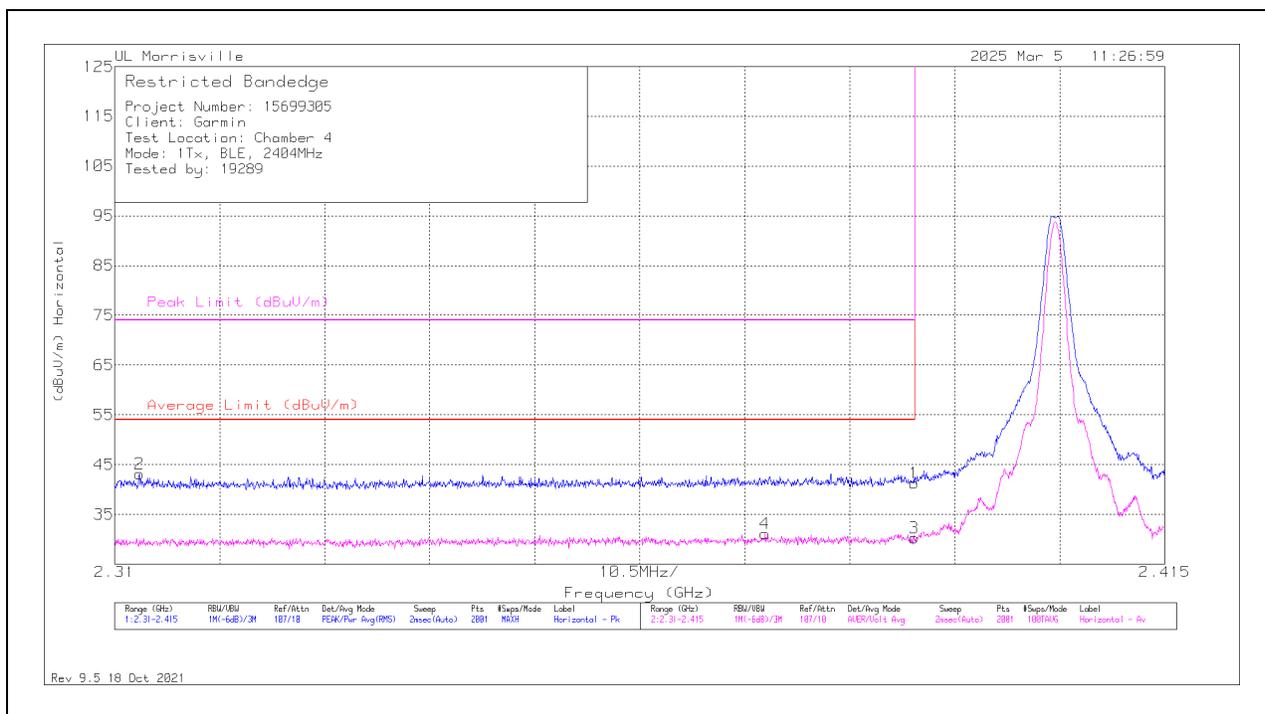


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	32.17	Pk	32	-23.2	40.97	-	-	74	-33.03	54	106	V
2	*** 2.35284	34.78	Pk	31.8	-23	43.58	-	-	74	-30.42	54	106	V
3	*** 2.38996	21.67	ADV	32	-23.2	30.47	54	-23.53	-	-	54	106	V
4	*** 2.38156	21.76	ADV	32	-23.1	30.66	54	-23.34	-	-	54	106	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, 2404MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	32.43	Pk	32	-23.2	41.23	-	-	74	-32.77	177	127	H
2	*** 2.31247	34.29	Pk	32	-23.1	43.19	-	-	74	-30.81	177	127	H
3	*** 2.38996	21.5	ADV	32	-23.2	30.3	54	-23.7	-	-	177	127	H
4	*** 2.37505	22.02	ADV	32	-22.9	31.12	54	-22.88	-	-	177	127	H

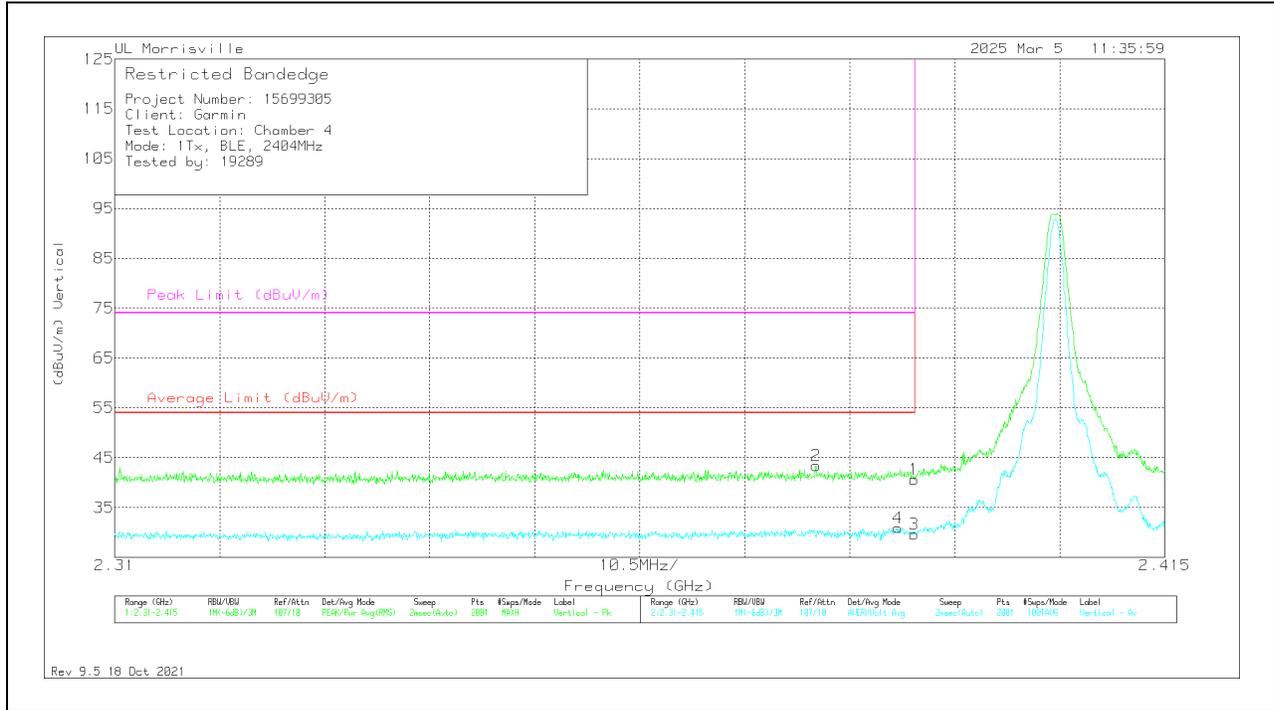
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	31.89	Pk	32	-23.2	40.69	-	-	74	-33.31	52	104	V
2	*** 2.38014	34.44	Pk	32	-23	43.44	-	-	74	-30.56	52	104	V
3	*** 2.38996	20.79	ADV	32	-23.2	29.59	54	-24.41	-	-	52	104	V
4	*** 2.38828	22.13	ADV	32	-23.2	30.93	54	-23.07	-	-	52	104	V

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

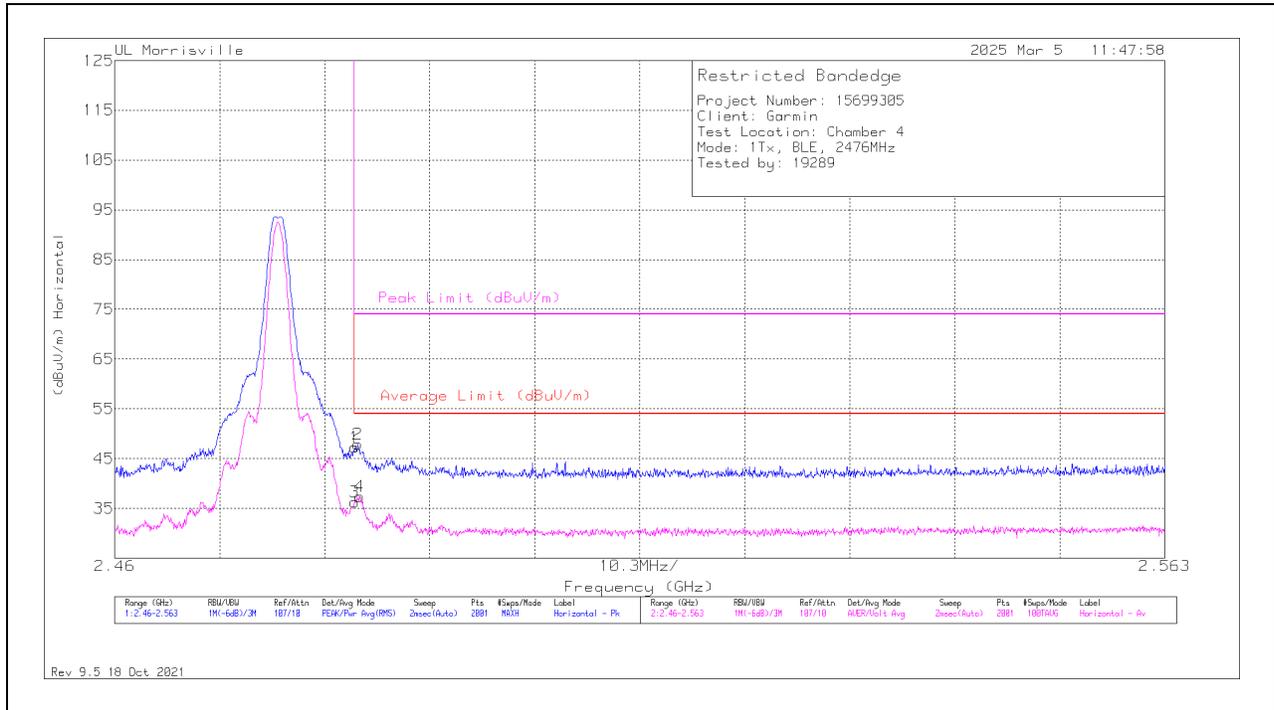
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

**BANDEDGE (HIGH CHANNEL, 2476MHz)**

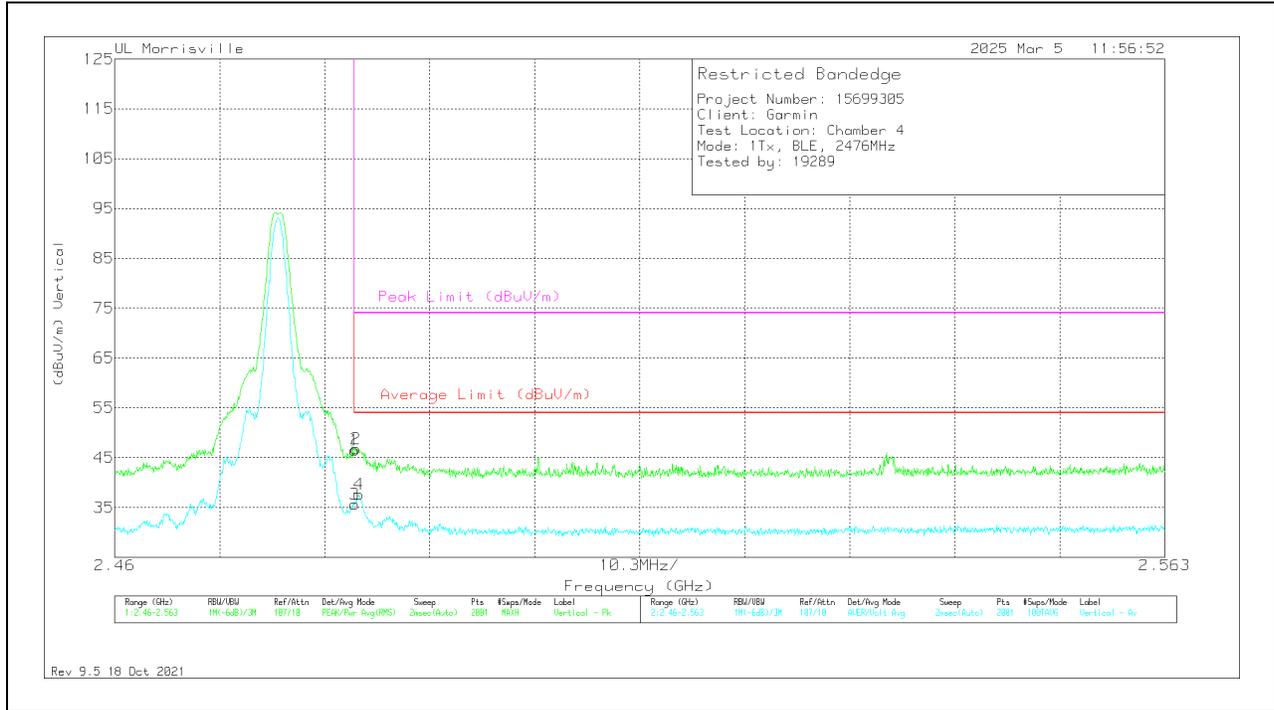
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	37.77	Pk	32.3	-22.8	47.27	-	-	74	-26.73	54	122	H
2	*** 2.48384	38.44	Pk	32.3	-22.8	47.94	-	-	74	-26.06	54	122	H
3	** 2.48354	26.76	ADV	32.3	-22.8	36.26	54	-17.74	-	-	54	122	H
4	** 2.484	27.85	ADV	32.3	-22.8	37.35	54	-16.65	-	-	54	122	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

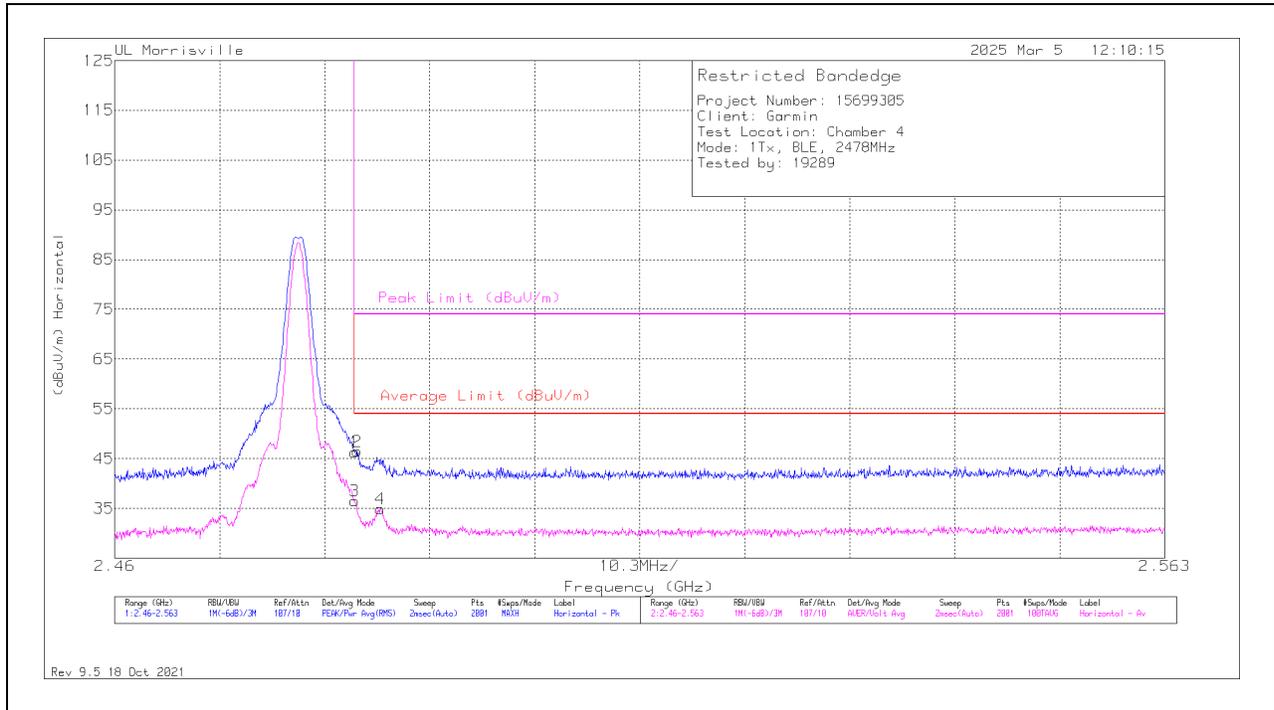


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	37.04	Pk	32.3	-22.8	46.54	-	-	74	-27.46	60	122	V
2	* ** 2.48364	37.26	Pk	32.3	-22.8	46.76	-	-	74	-27.24	60	122	V
3	* ** 2.48354	26.15	ADV	32.3	-22.8	35.65	54	-18.35	-	-	60	122	V
4	* ** 2.48395	28.16	ADV	32.3	-22.8	37.66	54	-16.34	-	-	60	122	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, 2478MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	36.74	Pk	32.3	-22.8	46.24	-	-	74	-27.76	52	122	H
2	*** 2.48379	36.96	Pk	32.3	-22.8	46.46	-	-	74	-27.54	52	122	H
3	*** 2.48354	27.02	ADV	32.3	-22.8	36.52	54	-17.48	-	-	52	122	H
4	*** 2.48606	25.39	ADV	32.3	-22.8	34.89	54	-19.11	-	-	52	122	H

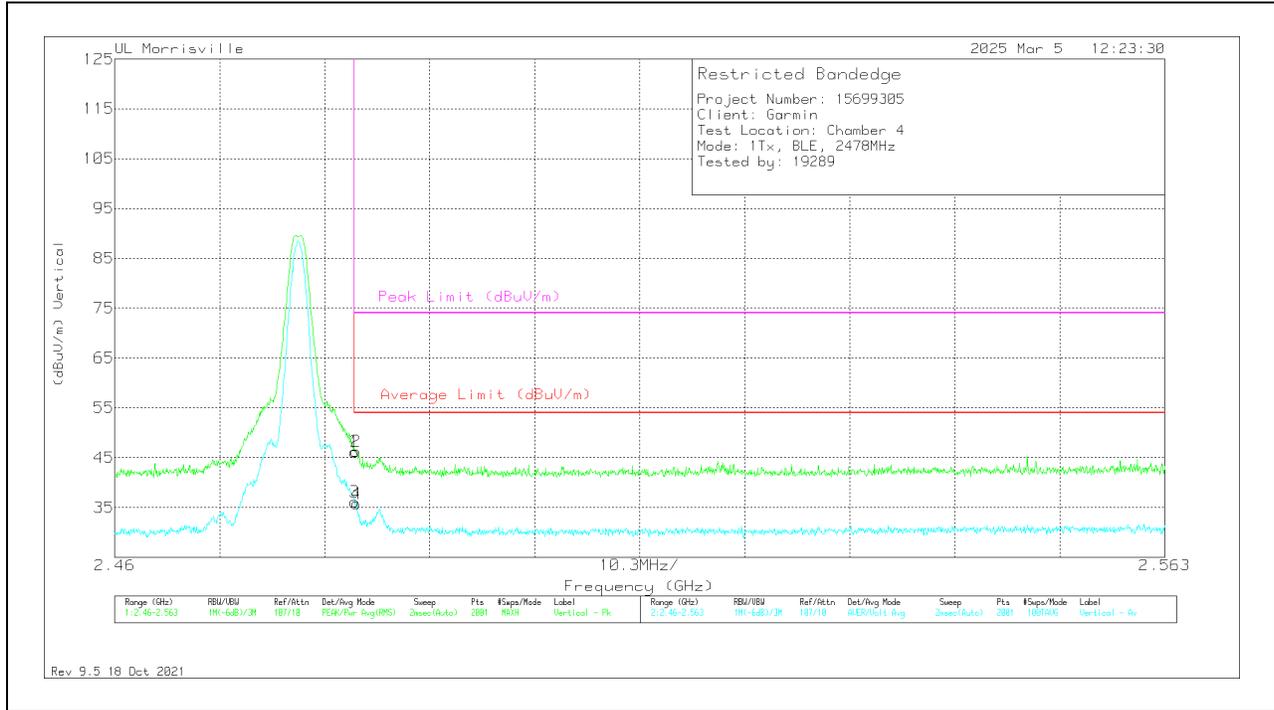
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

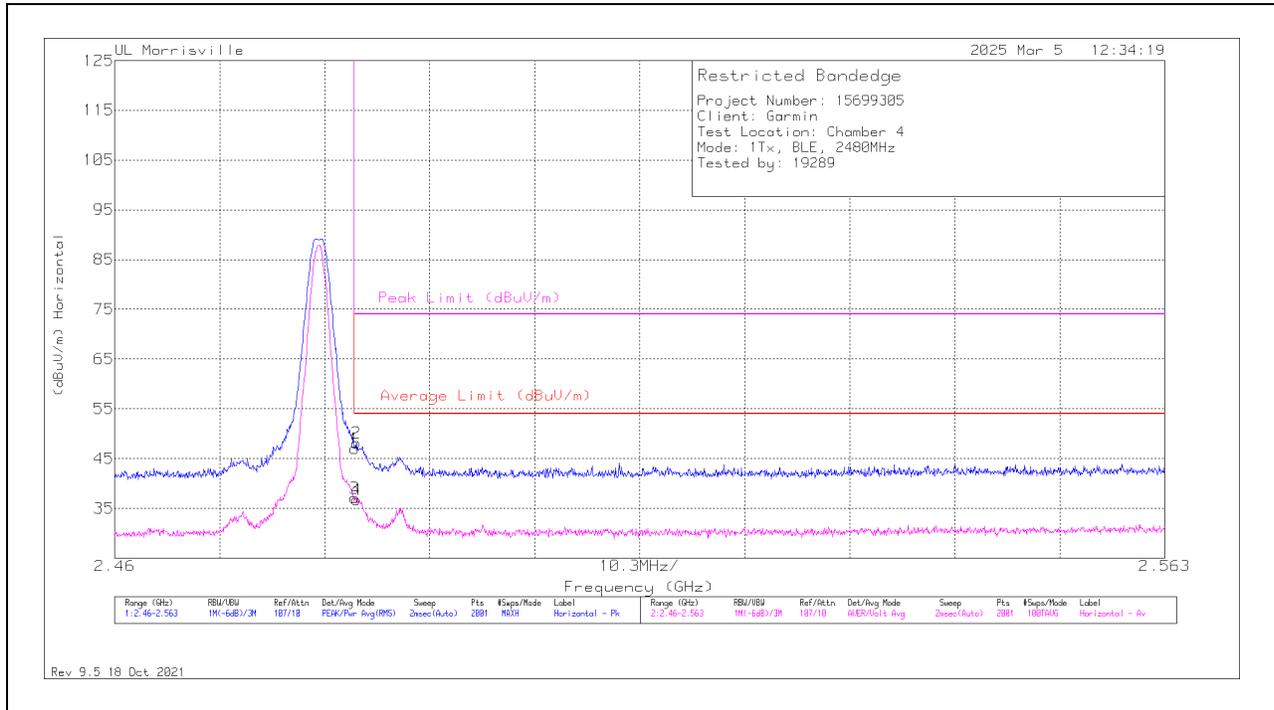


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	36.69	Pk	32.3	-22.8	46.19	-	-	74	-27.81	58	123	V
2	*** 2.48364	36.79	Pk	32.3	-22.8	46.29	-	-	74	-27.71	58	123	V
3	*** 2.48354	26.66	ADV	32.3	-22.8	36.16	54	-17.84	-	-	58	123	V
4	*** 2.48369	26.27	ADV	32.3	-22.8	35.77	54	-18.23	-	-	58	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, 2480MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	37.56	Pk	32.3	-22.8	47.06	-	-	74	-26.94	52	122	H
2	* ** 2.48369	38.69	Pk	32.3	-22.8	48.19	-	-	74	-25.81	52	122	H
3	* ** 2.48354	27.57	ADV	32.3	-22.8	37.07	54	-16.93	-	-	52	122	H
4	* ** 2.48369	27.26	ADV	32.3	-22.8	36.76	54	-17.24	-	-	52	122	H

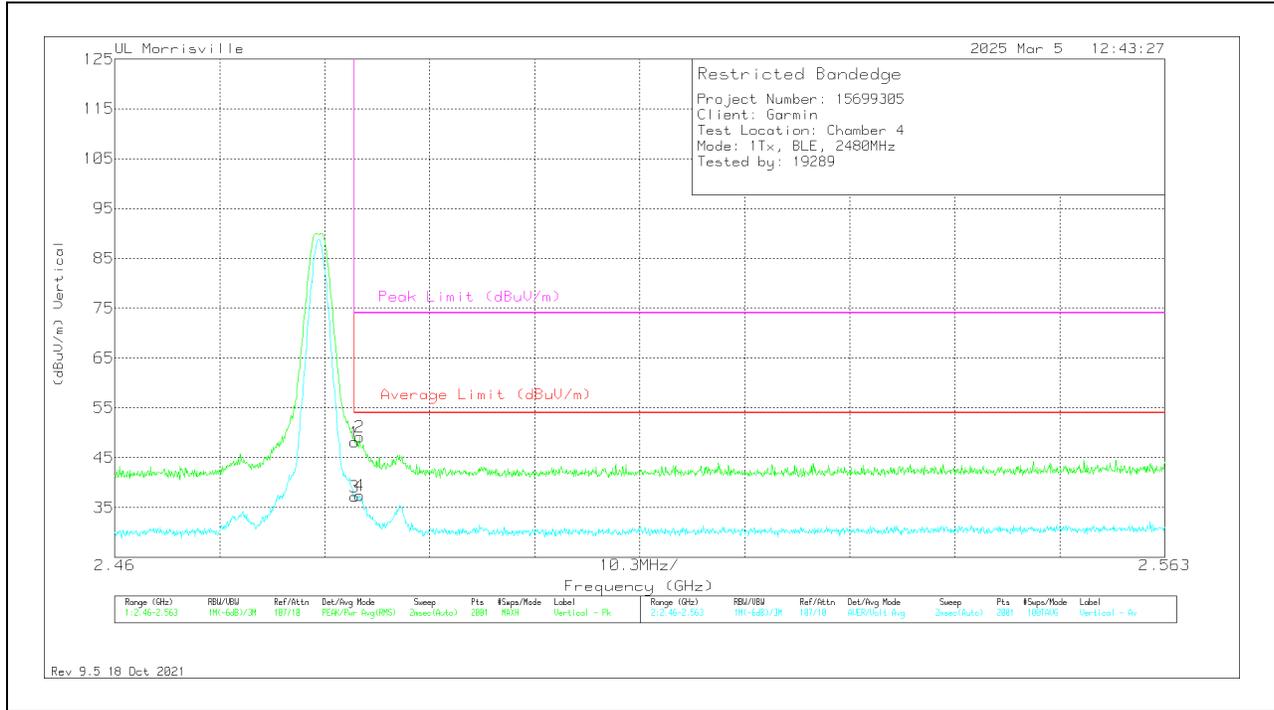
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

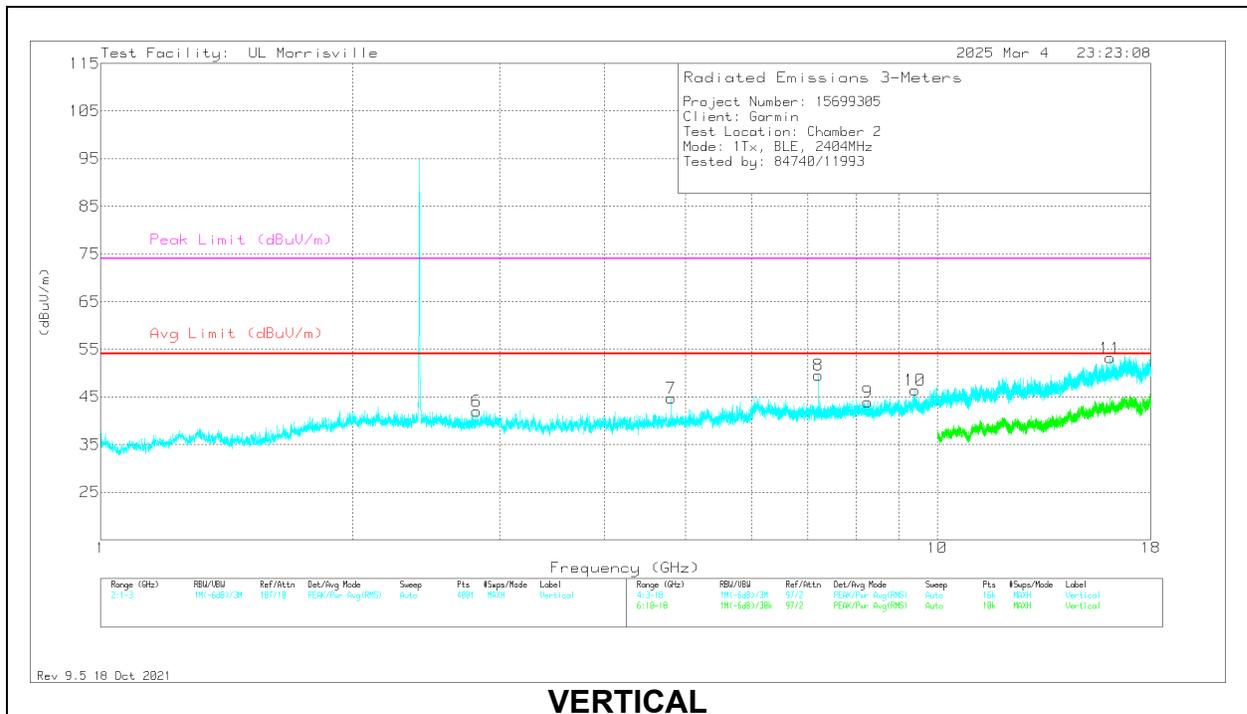
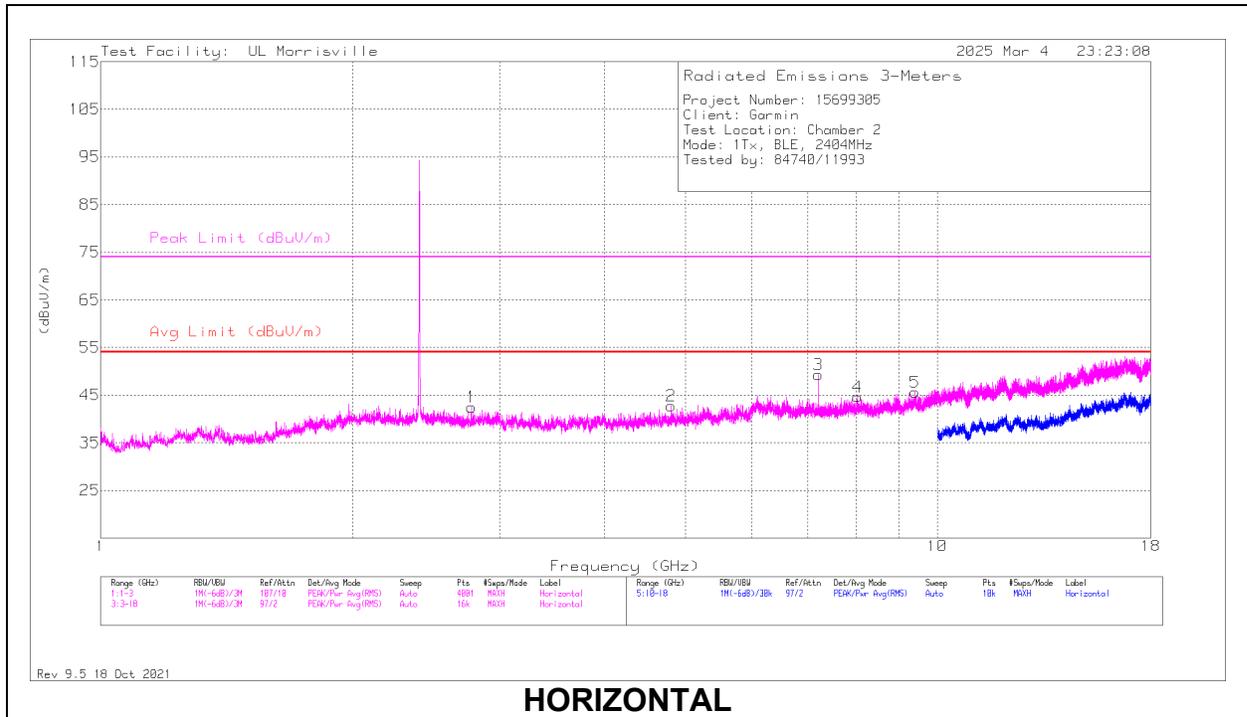


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	38.59	Pk	32.3	-22.8	48.09	-	-	74	-25.91	58	110	V
2	** 2.484	39.63	Pk	32.3	-22.8	49.13	-	-	74	-24.87	58	110	V
3	*** 2.48354	27.69	ADV	32.3	-22.8	37.19	54	-16.81	-	-	58	110	V
4	*** 2.48405	27.85	ADV	32.3	-22.8	37.35	54	-16.65	-	-	58	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



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)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.774	35.47	Pk	32.4	-25.4	42.47	54	-11.53	74	-31.53	0-360	199	H
6	*** 2.8125	35.02	Pk	32.5	-25.6	41.92	54	-12.08	74	-32.08	0-360	199	V
2	*** 4.80469	52.43	Pk	34.2	-43.9	42.73	54	-11.27	74	-31.27	0-360	101	H
4	*** 8.02875	49.64	Pk	35.8	-40.8	44.64	54	-9.36	74	-29.36	0-360	101	H
5	*** 9.40031	49.17	Pk	36.2	-39.8	45.57	54	-8.43	74	-28.43	0-360	101	H
7	*** 4.80844	54.28	Pk	34.2	-43.8	44.68	54	-9.32	74	-29.32	0-360	101	V
9	*** 8.25094	48.61	Pk	35.8	-40.5	43.91	54	-10.09	74	-30.09	0-360	200	V
10	*** 9.40688	50.24	Pk	36.2	-40	46.44	54	-7.56	74	-27.56	0-360	200	V
11	*** 16.10805	48.51	PK2	40.4	-36.9	52.01	-	-	74	-21.99	325	257	V
	*** 16.10638	36.45	ADV	40.4	-36.8	40.05	54	-13.95	-	-	325	257	V
3	7.21219	55.47	Pk	35.6	-41.8	49.27	-	-	-	-	0-360	101	H
8	7.21313	55.77	Pk	35.6	-41.8	49.57	-	-	-	-	0-360	101	V

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

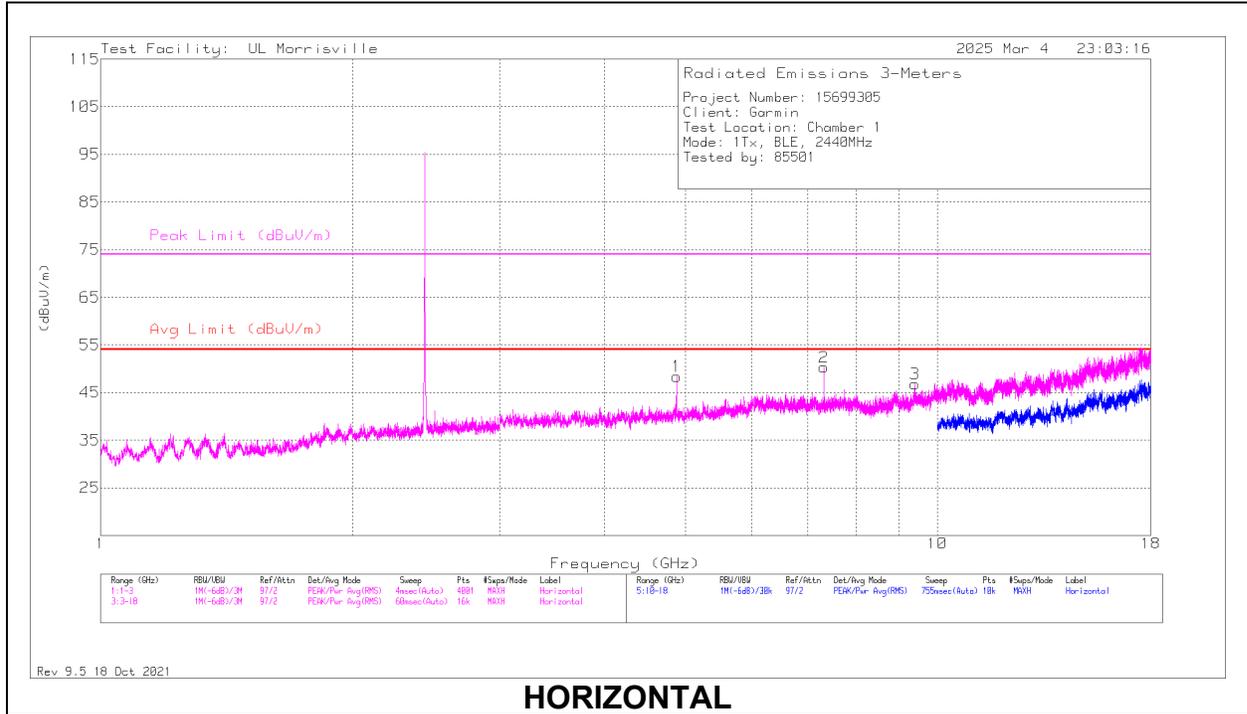
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

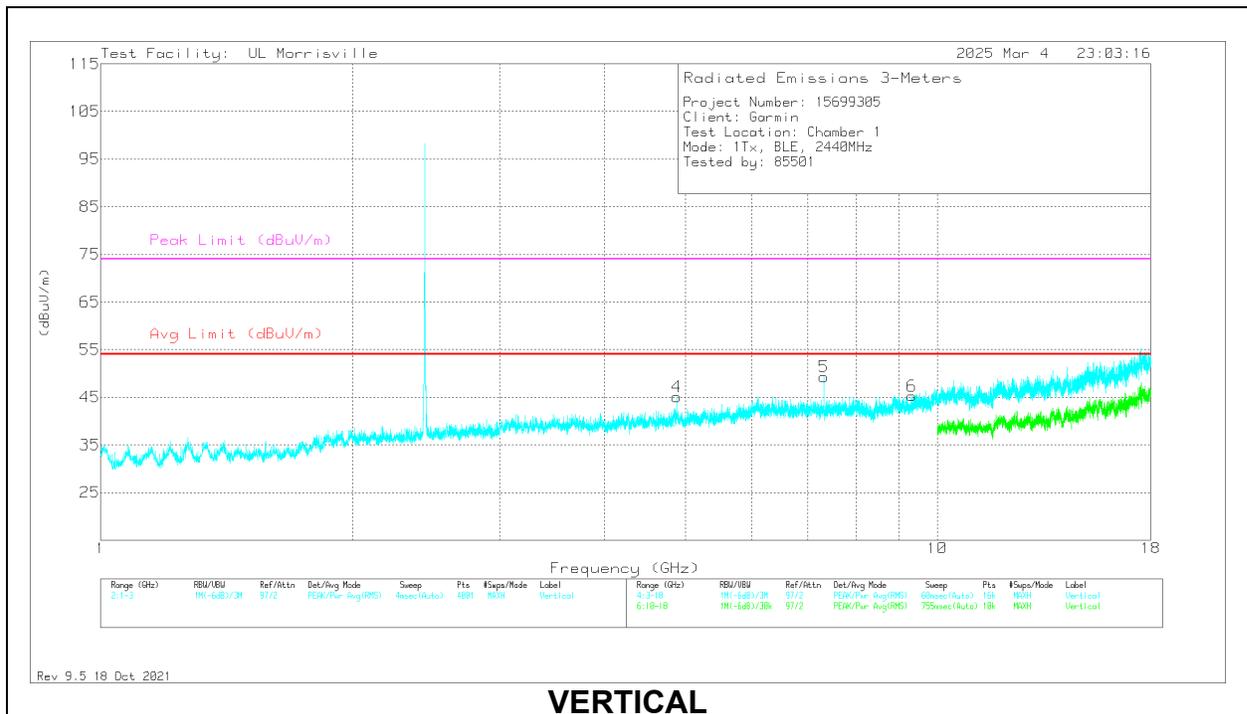
PK2 - Maximum Peak

ADV - Linear Voltage Average

### MID CHANNEL



### HORIZONTAL



### VERTICAL

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	* ** 4.87962	62.59	PK2	34	-44.7	51.89	-	-	74	-22.11	354	129	H
	* ** 4.88033	55.73	ADV	34	-44.7	45.03	54	-8.97	-	-	354	129	H
2	* ** 7.31938	59.58	PK2	35.4	-41.7	53.28	-	-	74	-20.72	336	124	H
	* ** 7.31937	52.28	ADV	35.4	-41.6	46.08	54	-7.92	-	-	336	124	H
3	* ** 9.40406	51.29	Pk	36.3	-40.8	46.79	54	-7.21	74	-27.21	0-360	200	H
4	* ** 4.87969	55.8	Pk	34	-44.7	45.1	54	-8.9	74	-28.9	0-360	101	V
5	* ** 7.32067	58.58	PK2	35.4	-41.7	52.28	-	-	74	-21.72	337	129	V
	* ** 7.31934	50.9	ADV	35.4	-41.6	44.7	54	-9.3	-	-	337	129	V
6	* ** 9.33281	49.59	Pk	36.2	-40.5	45.29	54	-8.71	74	-28.71	0-360	101	V

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

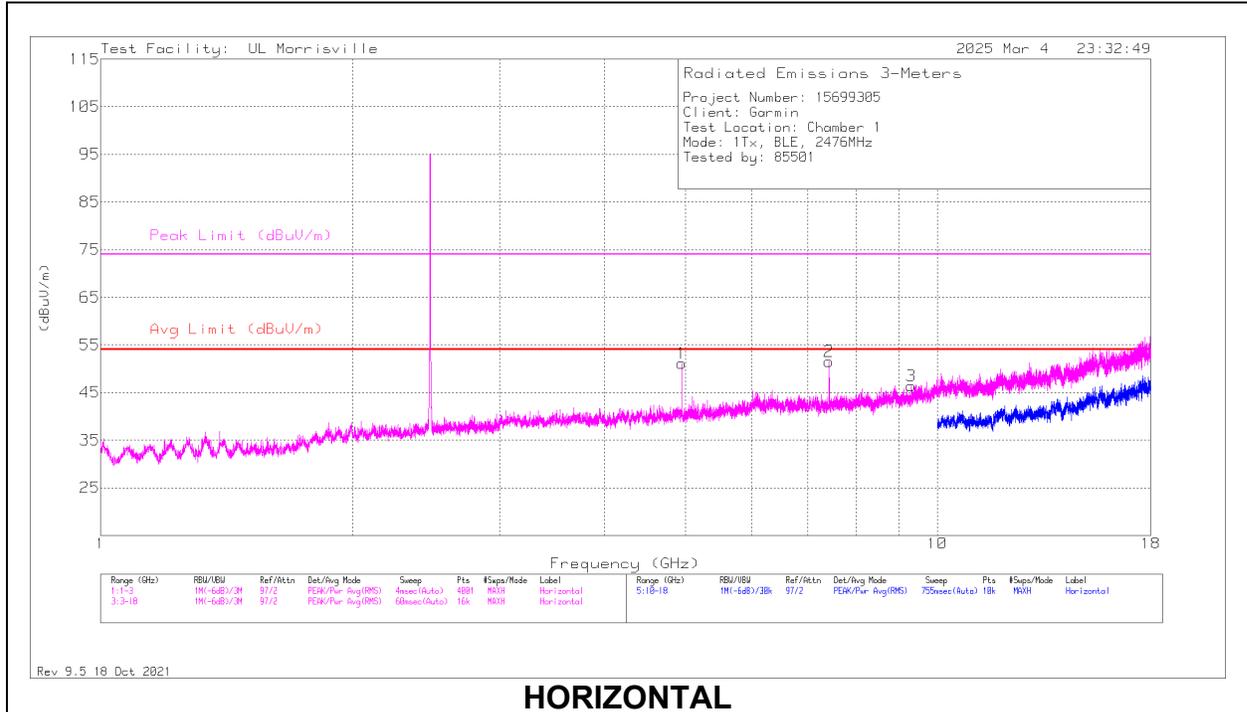
\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

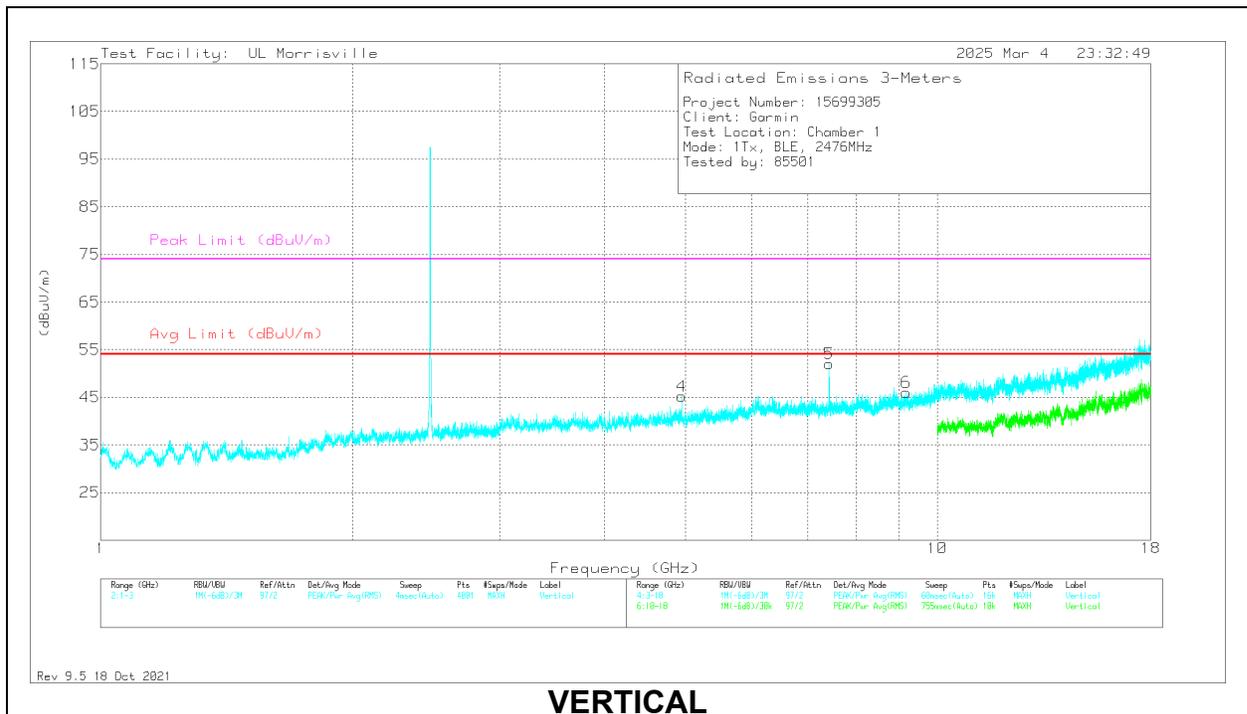
PK2 - Maximum Peak

ADV - Linear Voltage Average

### HIGH CHANNEL



### HORIZONTAL



### VERTICAL

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	*** 4.95169	63.51	PK2	34.2	-44.7	53.01	-	-	74	-20.99	8	117	H
	*** 4.95237	57.9	ADV	34.2	-44.7	47.4	54	-6.6	-	-	8	117	H
2	*** 7.42863	60.11	PK2	35.4	-41.1	54.41	-	-	74	-19.59	276	116	H
	*** 7.42739	53.1	ADV	35.4	-41.2	47.3	54	-6.7	-	-	276	116	H
3	*** 9.31125	50.29	PK	36.1	-40	46.39	54	-7.61	74	-27.61	0-360	200	H
4	*** 4.95094	55.58	PK	34.2	-44.6	45.18	54	-8.82	74	-28.82	0-360	101	V
5	*** 7.42732	60.03	PK2	35.4	-41.2	54.23	-	-	74	-19.77	321	106	V
	*** 7.42733	53.24	ADV	35.4	-41.2	47.44	54	-6.56	-	-	321	106	V
6	*** 9.18844	49.6	PK	36	-39.6	46	54	-8	74	-28	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

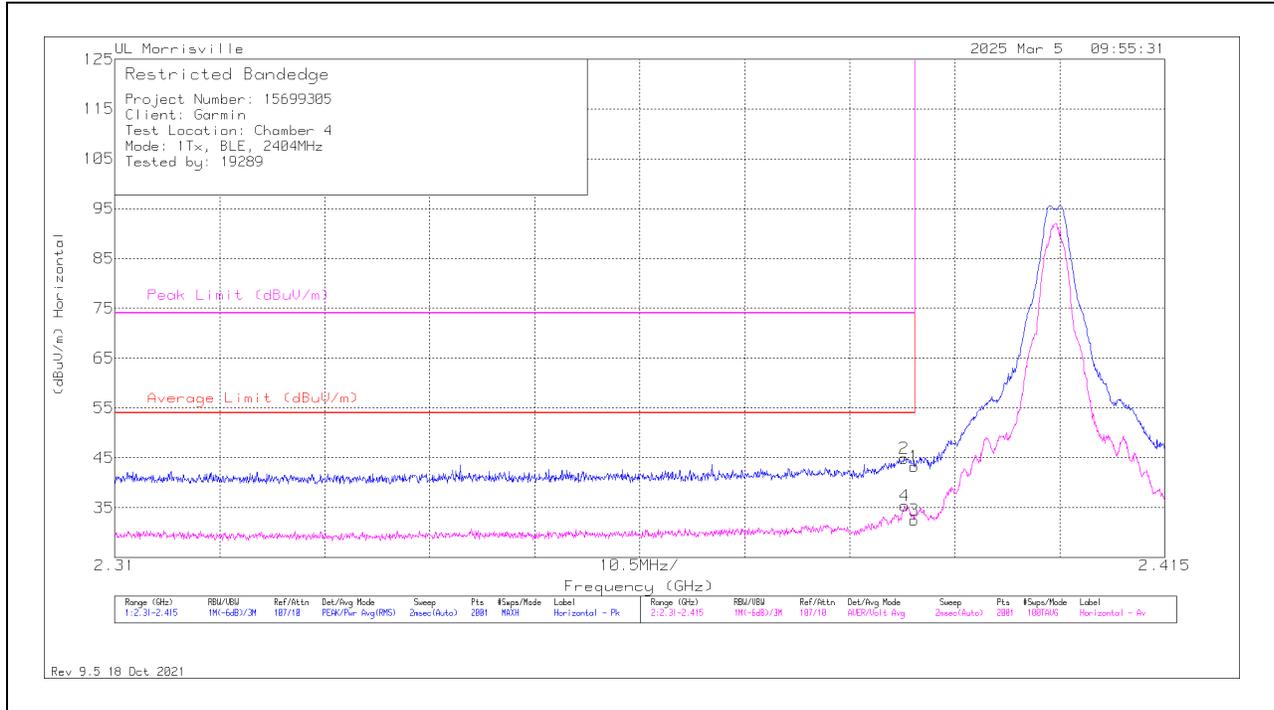
PK2 - Maximum Peak

ADV - Linear Voltage Average

### 10.1.6. TX ABOVE 1 GHz BLE 2Mbps MODE IN THE 2.4 GHz BAND

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

#### HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	34.43	Pk	32	-23.2	43.23	-	-	74	-30.77	173	128	H
2	* ** 2.38891	36.06	Pk	32	-23.2	44.86	-	-	74	-29.14	173	128	H
3	* ** 2.38996	23.68	ADV	32	-23.2	32.48	54	-21.52	-	-	173	128	H
4	* ** 2.38901	26.56	ADV	32	-23.2	35.36	54	-18.64	-	-	173	128	H

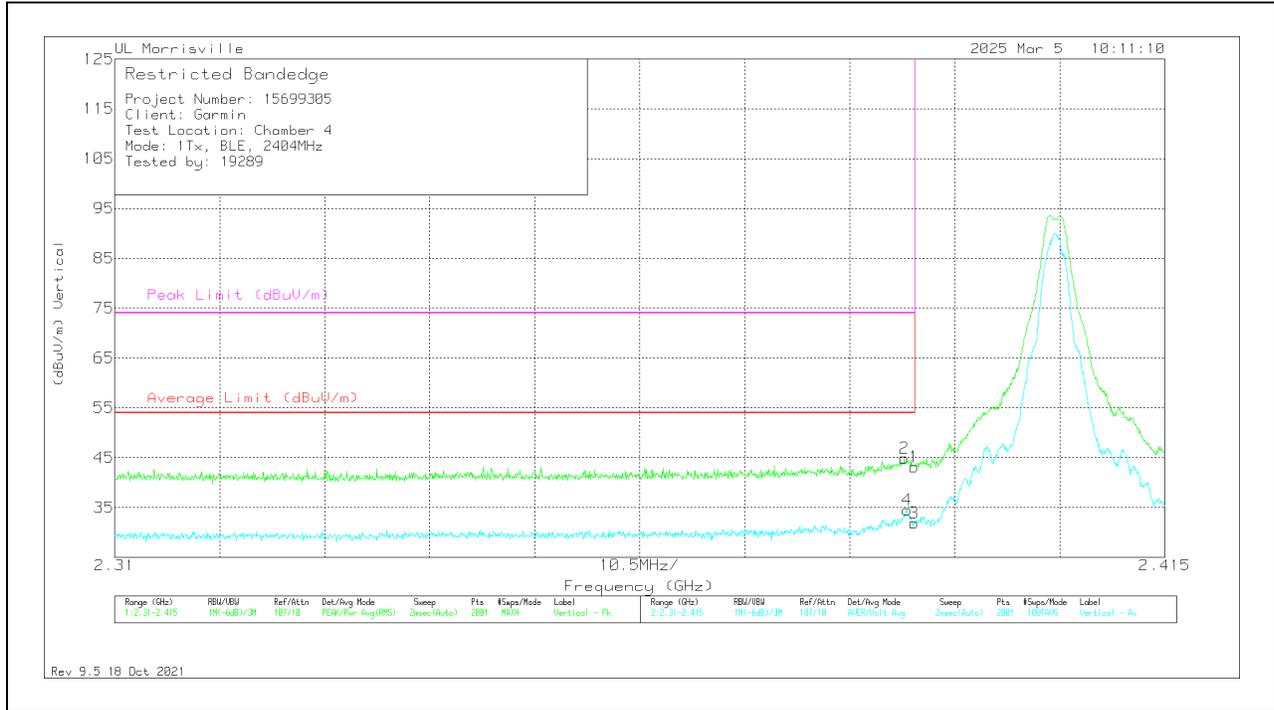
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

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

### VERTICAL RESULT

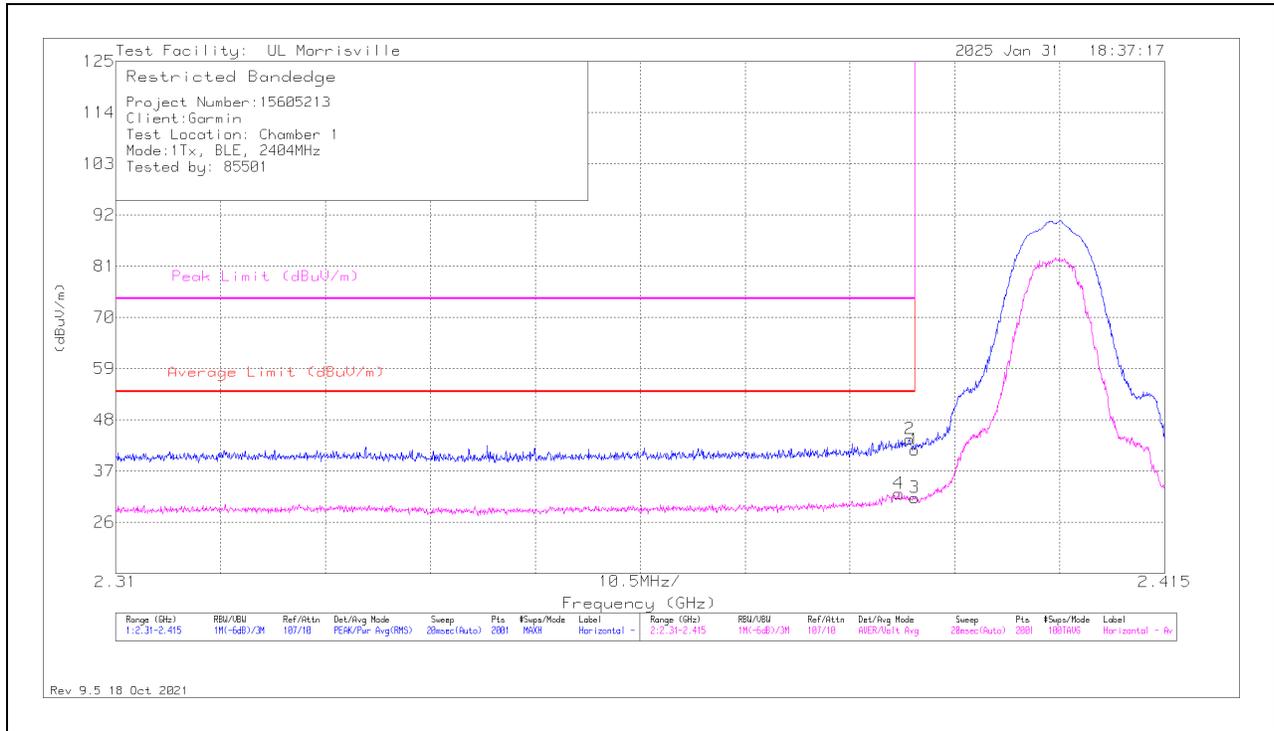


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	34.35	Pk	32	-23.2	43.15	-	-	74	-30.85	52	104	V
2	* ** 2.38896	36.14	Pk	32	-23.2	44.94	-	-	74	-29.06	52	104	V
3	* ** 2.38996	23.08	ADV	32	-23.2	31.88	54	-22.12	-	-	52	104	V
4	* ** 2.38922	25.74	ADV	32	-23.2	34.54	54	-19.46	-	-	52	104	V

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

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

**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	33.66	Pk	31.9	-24	41.56	-	-	74	-32.44	198	202	H
2	* ** 2.38949	35.98	Pk	31.9	-24	43.88	-	-	74	-30.12	198	202	H
3	* ** 2.38996	23.37	ADV	31.9	-24	31.27	54	-22.73	-	-	198	202	H
4	* ** 2.38838	24.28	ADV	31.9	-24	32.18	54	-21.82	-	-	198	202	H

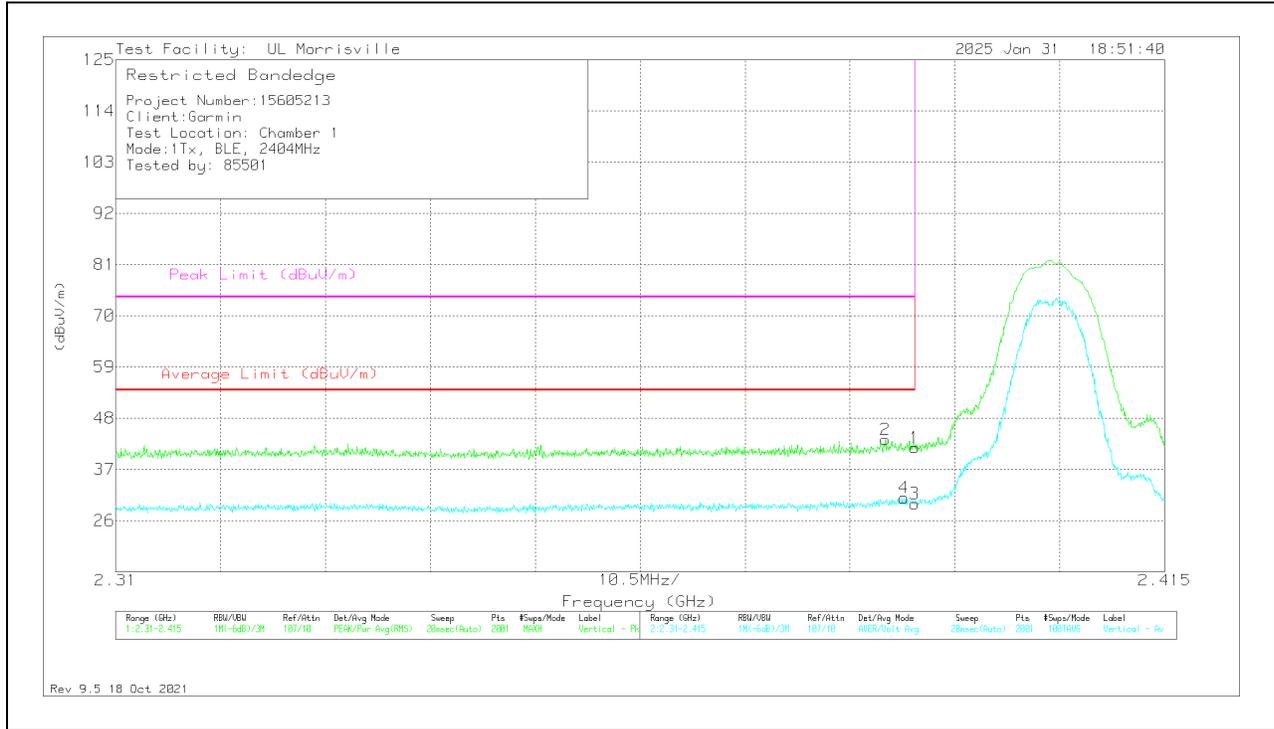
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT

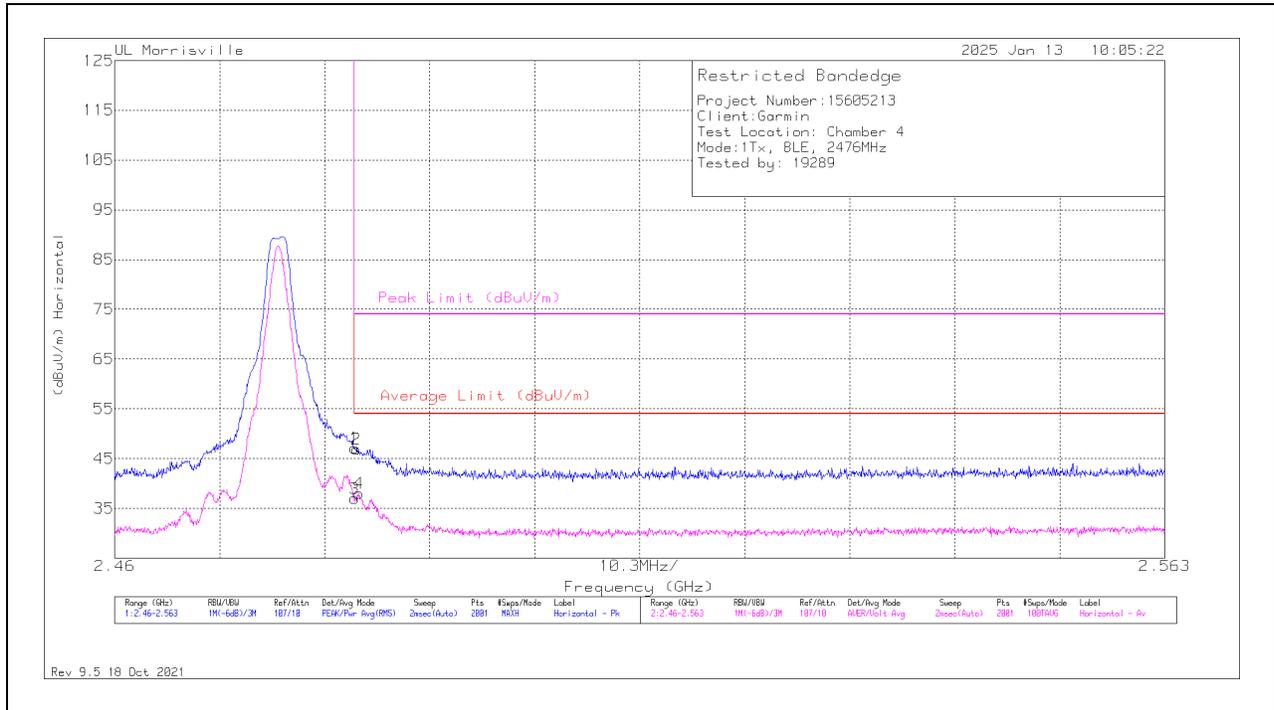


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* * * 2.38996	33.74	Pk	31.9	-24	41.64	-	-	74	-32.36	314	377	V
2	* * * 2.38702	35.38	Pk	31.9	-23.9	43.38	-	-	74	-30.62	314	377	V
3	* * * 2.38996	21.73	ADV	31.9	-24	29.63	54	-24.37	-	-	314	377	V
4	* * * 2.38891	22.97	ADV	31.9	-24	30.87	54	-23.13	-	-	314	377	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, 2476MHz)**

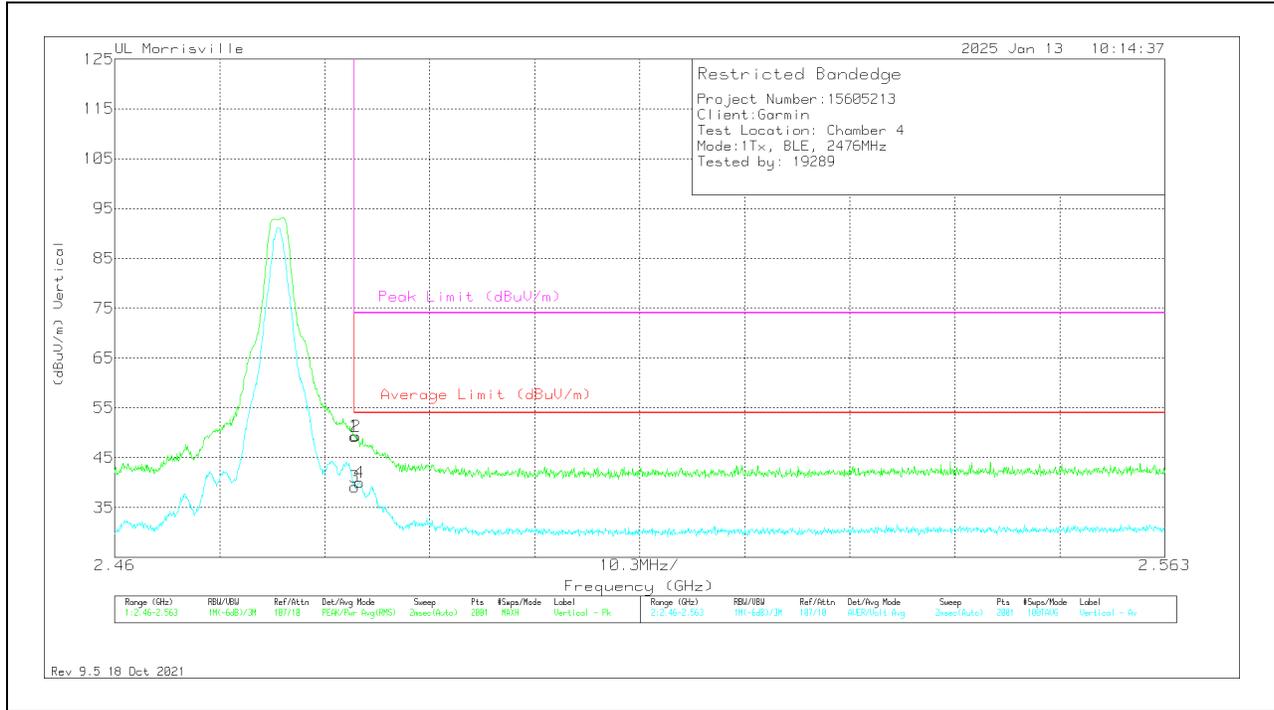
**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	37.61	Pk	32.3	-22.8	47.11	-	-	74	-26.89	72	122	H
2	*** 2.48369	37.43	PK	32.3	-22.8	46.93	-	-	74	-27.07	72	122	H
3	*** 2.48354	27.45	ADV	32.3	-22.8	36.95	54	-17.05	-	-	72	122	H
4	*** 2.48395	28.5	ADV	32.3	-22.8	38	54	-16	-	-	72	122	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

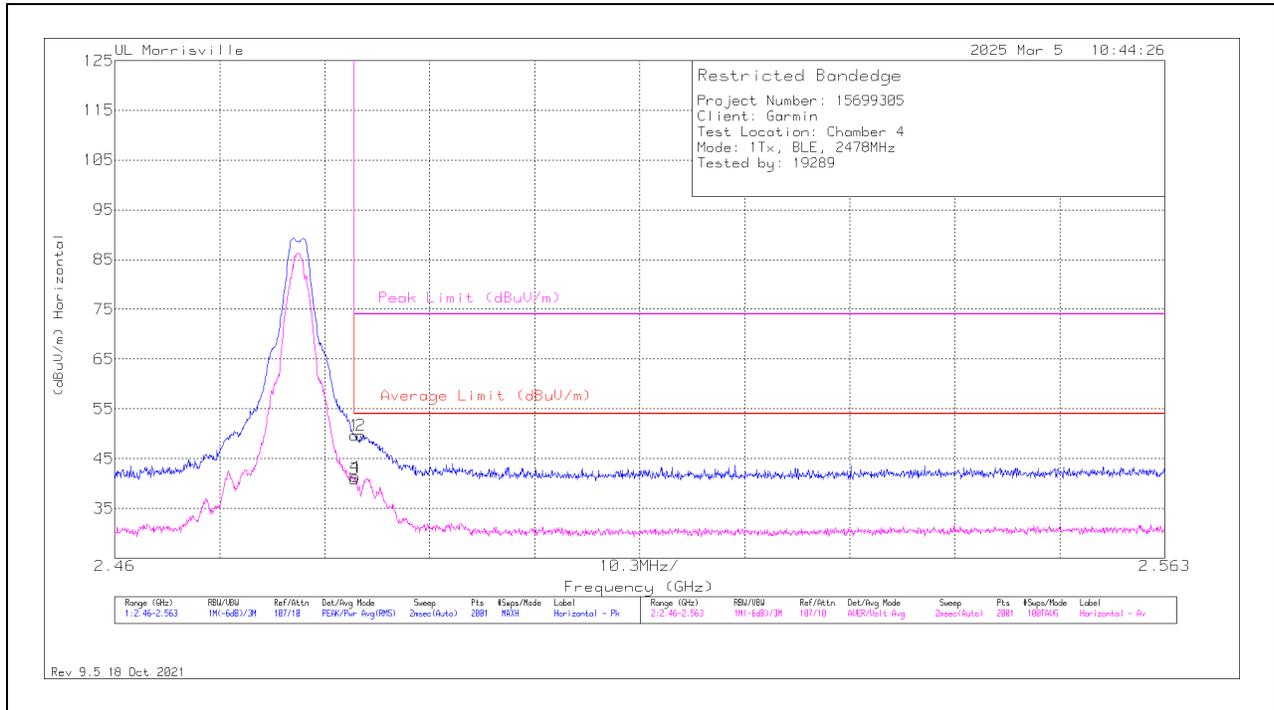


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	39.77	Pk	32.3	-22.8	49.27	-	-	74	-24.73	341	121	V
2	*** 2.48364	39.83	Pk	32.3	-22.8	49.33	-	-	74	-24.67	341	121	V
3	*** 2.48354	29.66	ADV	32.3	-22.8	39.16	54	-14.84	-	-	341	121	V
4	*** 2.48405	30.55	ADV	32.3	-22.8	40.05	54	-13.95	-	-	341	121	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, 2478MHz)**

**HORIZONTAL RESULT**



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (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	40.11	Pk	32.3	-22.8	49.61	-	-	74	-24.39	50	140	H
2	*** 2.48415	40.2	Pk	32.3	-22.8	49.7	-	-	74	-24.3	50	140	H
3	*** 2.48354	31.44	ADV	32.3	-22.8	40.94	54	-13.06	-	-	50	140	H
4	*** 2.48359	31.84	ADV	32.3	-22.8	41.34	54	-12.66	-	-	50	140	H

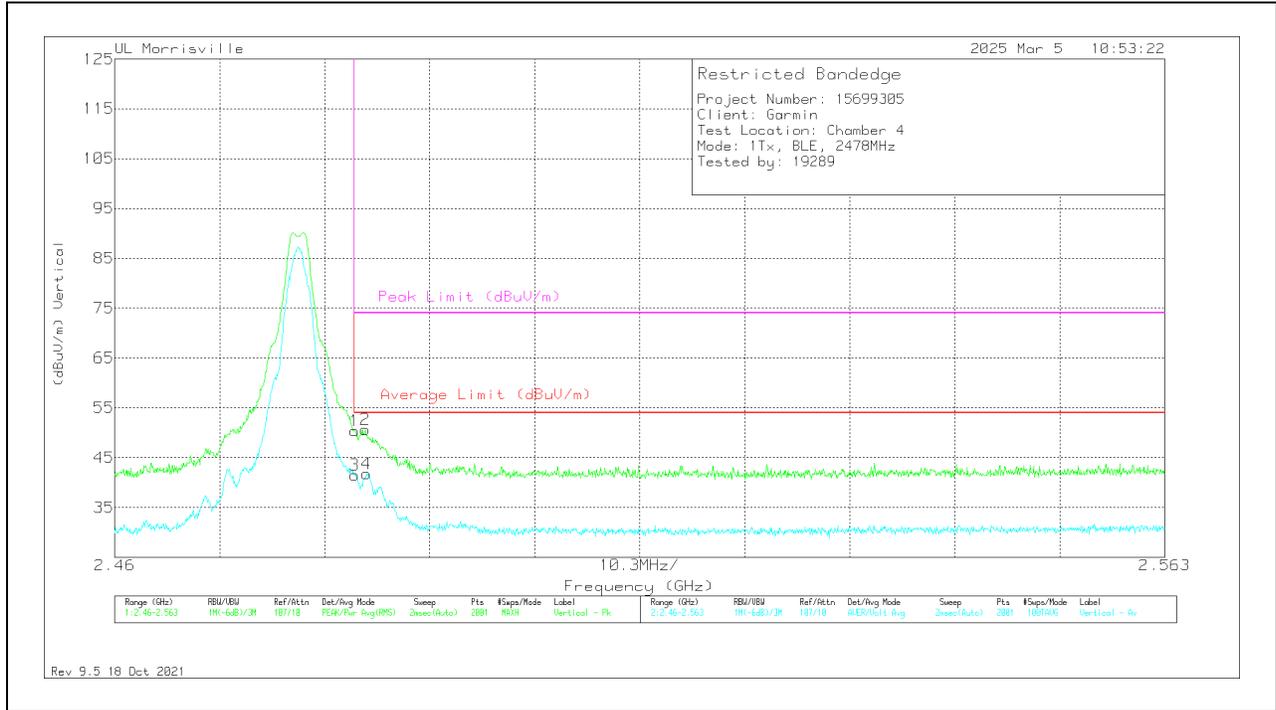
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

ADV - Linear Voltage Average

### VERTICAL RESULT



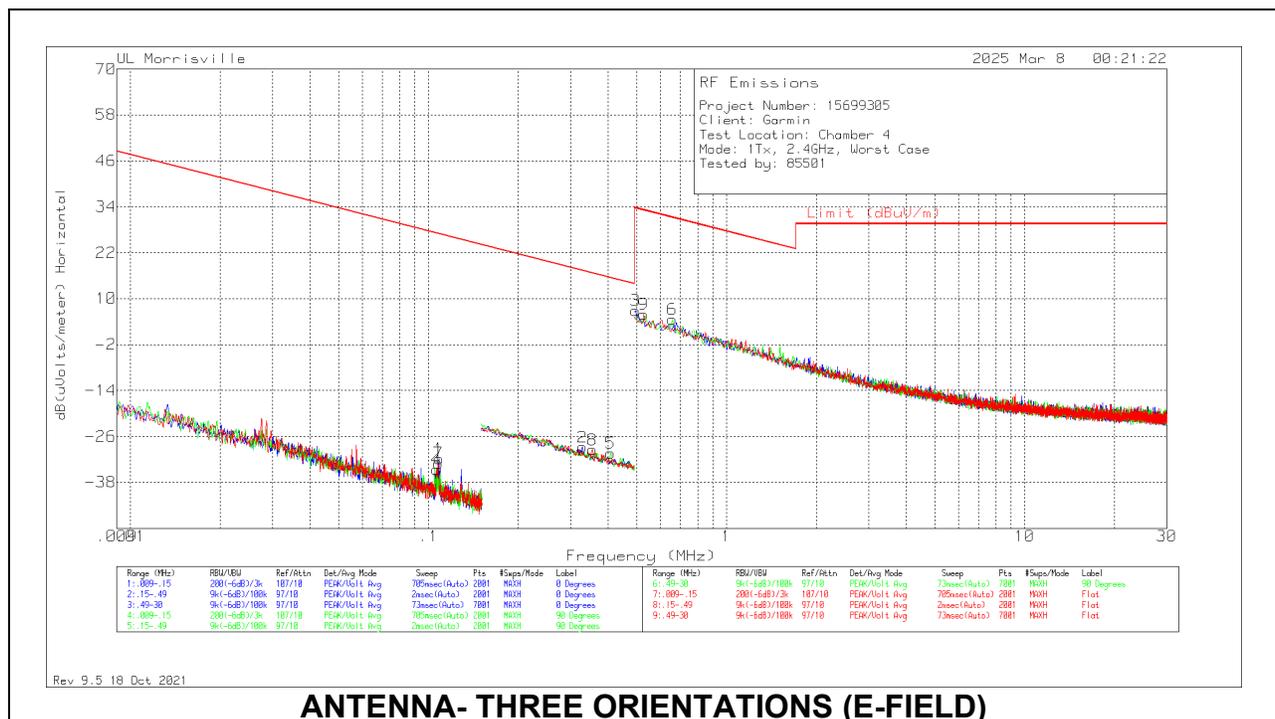
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	40.87	Pk	32.3	-22.8	50.37	-	-	74	-23.63	56	122	V
2	*** 2.48457	41.14	Pk	32.3	-22.8	50.64	-	-	74	-23.36	56	122	V
3	*** 2.48354	32	ADV	32.3	-22.8	41.5	54	-12.5	-	-	56	122	V
4	*** 2.48472	32.27	ADV	32.3	-22.8	41.77	54	-12.23	-	-	56	122	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

## 10.2. WORST CASE SPURIOUS 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).

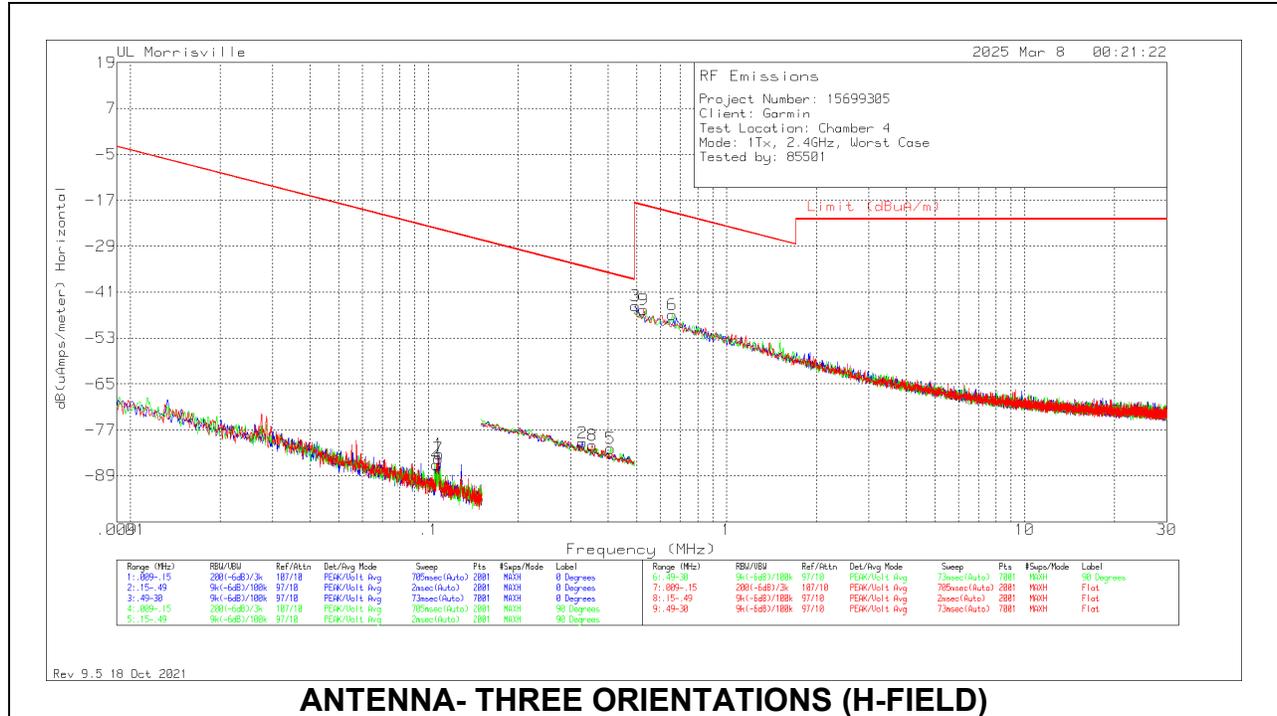
### 10.2.1. 2.4 WLAN



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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/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
4	.1062	35.09	Pk	10.2	.1	-80	-34.61	27.08	-	-61.69	0-360	90 degs
7	.10783	36.69	Pk	10.2	.1	-80	-33.01	26.95	-	-59.96	0-360	Flat
1	.10833	37.83	Pk	10.2	.1	-80	-31.87	26.91	-	-58.78	0-360	0 degs
2	.32799	41.09	Pk	10	.1	-80	-28.81	17.29	37.29	-46.1	0-360	0 degs
8	.35426	40.43	Pk	10	.1	-80	-29.47	16.62	36.62	-46.09	0-360	Flat
5	.40883	39.59	Pk	10	.1	-80	-30.31	15.37	35.37	-45.68	0-360	90 degs
3	.49422	36.75	Pk	10.1	.1	-40	6.95	33.73	-	-26.78	0-360	0 degs
9	.52794	35.56	Pk	10.2	.1	-40	5.86	33.15	-	-27.29	0-360	Flat
6	.65864	34.28	Pk	10.2	.2	-40	4.68	31.23	-	-26.55	0-360	90 degs

Pk - Peak detector

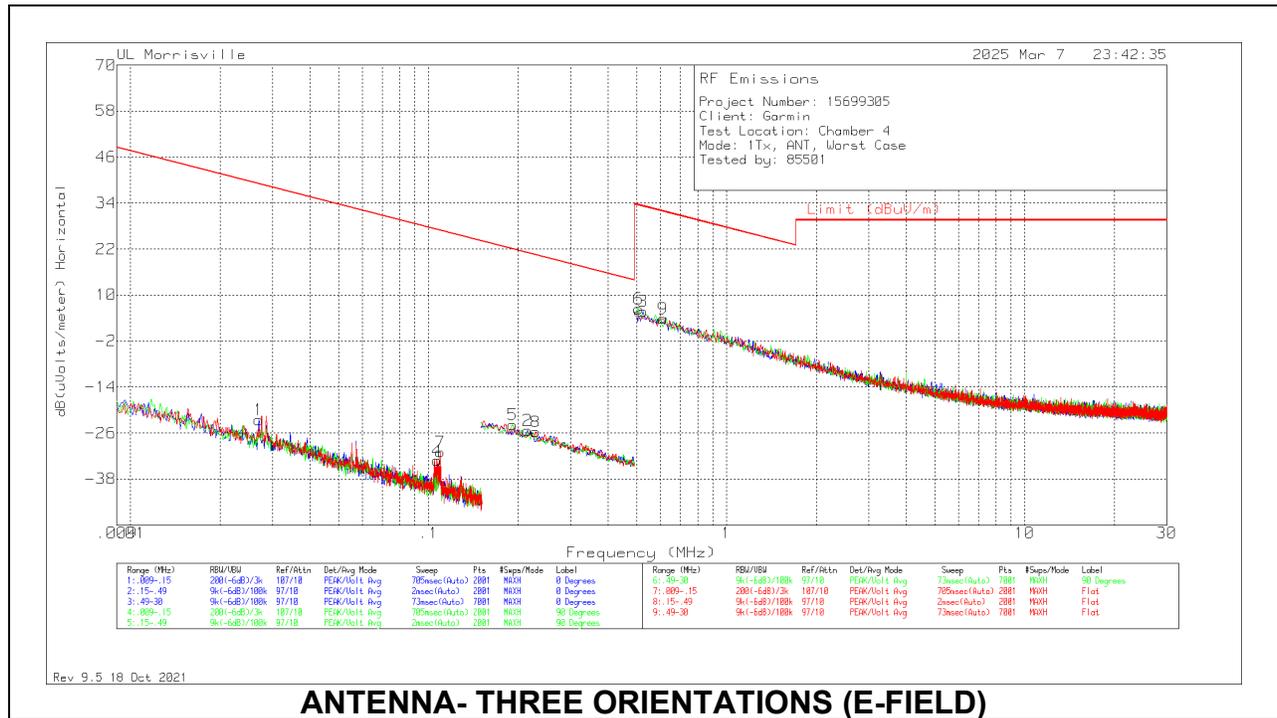


**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.1062	35.09	Pk	-41.3	.1	-80	-86.11	-24.42	-	-61.69	0-360	90 degs
7	.10783	36.69	Pk	-41.3	.1	-80	-84.51	-24.55	-	-59.96	0-360	Flat
1	.10833	37.83	Pk	-41.3	.1	-80	-83.37	-24.59	-	-58.78	0-360	0 degs
2	.32799	41.09	Pk	-41.5	.1	-80	-80.31	-34.21	-14.21	-46.1	0-360	0 degs
8	.35426	40.43	Pk	-41.5	.1	-80	-80.97	-34.88	-14.88	-46.09	0-360	Flat
5	.40883	39.59	Pk	-41.5	.1	-80	-81.81	-36.13	-16.13	-45.68	0-360	90 degs
3	.49422	36.75	Pk	-41.4	.1	-40	-44.55	-17.77	-	-26.78	0-360	0 degs
9	.52794	35.56	Pk	-41.3	.1	-40	-45.64	-18.35	-	-27.29	0-360	Flat
6	.65864	34.28	Pk	-41.3	.2	-40	-46.82	-20.27	-	-26.55	0-360	90 degs

Pk - Peak detector

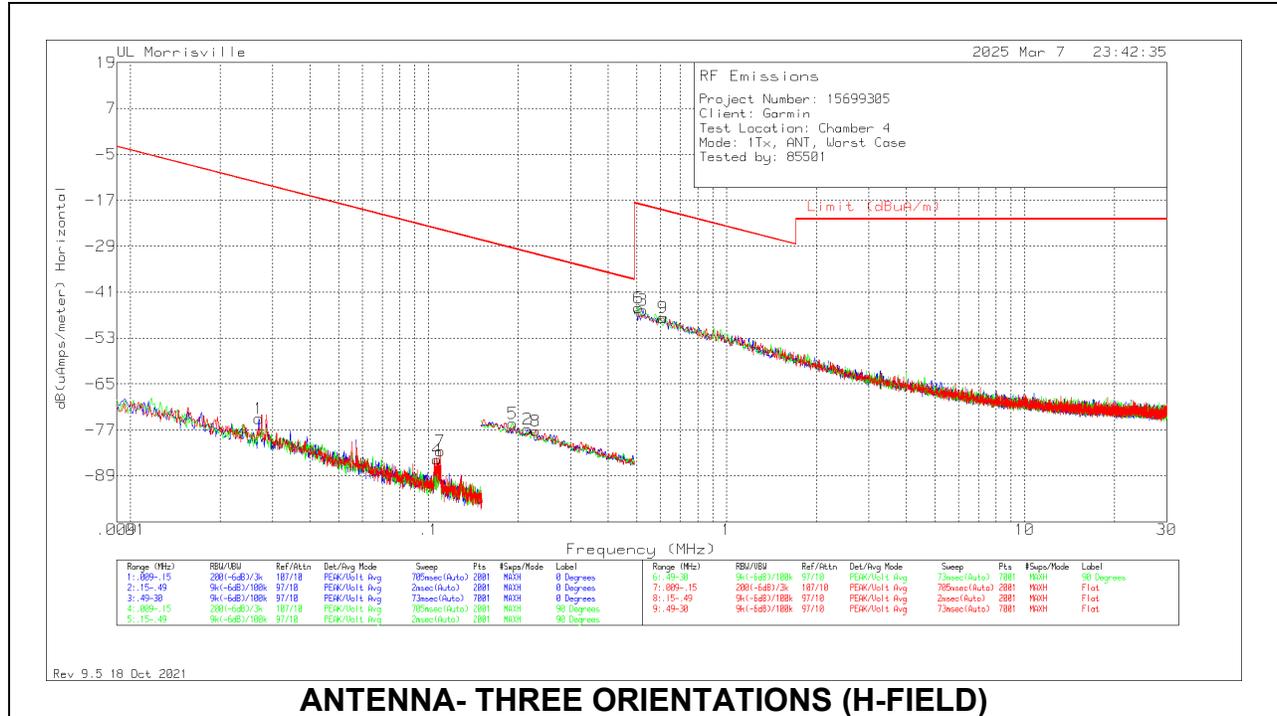
### 10.2.2. ANT/ANT+



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

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/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	.02696	44.01	Pk	13.3	.1	-80	-22.59	38.99	58.99	-61.58	0-360	0 degs
4	.10691	36.49	Pk	10.2	.1	-80	-33.21	27.02	-	-60.23	0-360	90 degs
7	.10968	38.76	Pk	10.2	.1	-80	-30.94	26.8	-	-57.74	0-360	Flat
5	.19114	45.84	Pk	10.2	.1	-80	-23.86	21.98	41.98	-45.84	0-360	90 degs
2	.21511	44.46	Pk	10.1	.1	-80	-25.34	20.95	40.95	-46.29	0-360	0 degs
8	.22871	44.08	Pk	10.1	.1	-80	-25.72	20.42	40.42	-46.14	0-360	Flat
6	.50686	36.27	Pk	10.1	.1	-40	6.47	33.51	-	-27.04	0-360	90 degs
3	.52373	35.46	Pk	10.2	.1	-40	5.76	33.22	-	-27.46	0-360	0 degs
9	.61226	33.57	Pk	10.2	.1	-40	3.87	31.87	-	-28	0-360	Flat

Pk - Peak detector

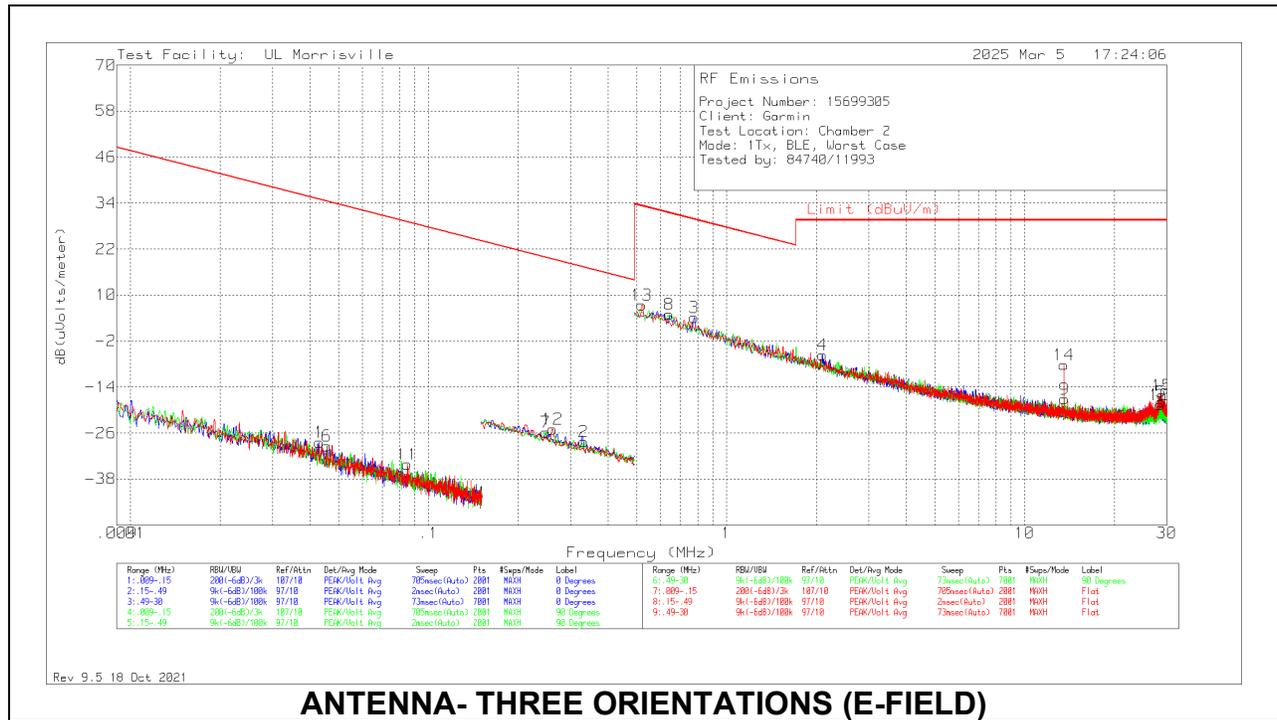


**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.02696	44.01	Pk	-38.2	.1	-80	-74.09	-12.51	7.49	-61.58	0-360	0 degs
4	.10691	36.49	Pk	-41.3	.1	-80	-84.71	-24.48	-	-60.23	0-360	90 degs
7	.10968	38.76	Pk	-41.3	.1	-80	-82.44	-24.7	-	-57.74	0-360	Flat
5	.19114	45.84	Pk	-41.3	.1	-80	-75.36	-29.52	-9.52	-45.84	0-360	90 degs
2	.21511	44.46	Pk	-41.4	.1	-80	-76.84	-30.55	-10.55	-46.29	0-360	0 degs
8	.22871	44.08	Pk	-41.4	.1	-80	-77.22	-31.08	-11.08	-46.14	0-360	Flat
6	.50686	36.27	Pk	-41.4	.1	-40	-45.03	-17.99	-	-27.04	0-360	90 degs
3	.52373	35.46	Pk	-41.3	.1	-40	-45.74	-18.28	-	-27.46	0-360	0 degs
9	.61226	33.57	Pk	-41.3	.1	-40	-47.63	-19.63	-	-28	0-360	Flat

Pk - Peak detector

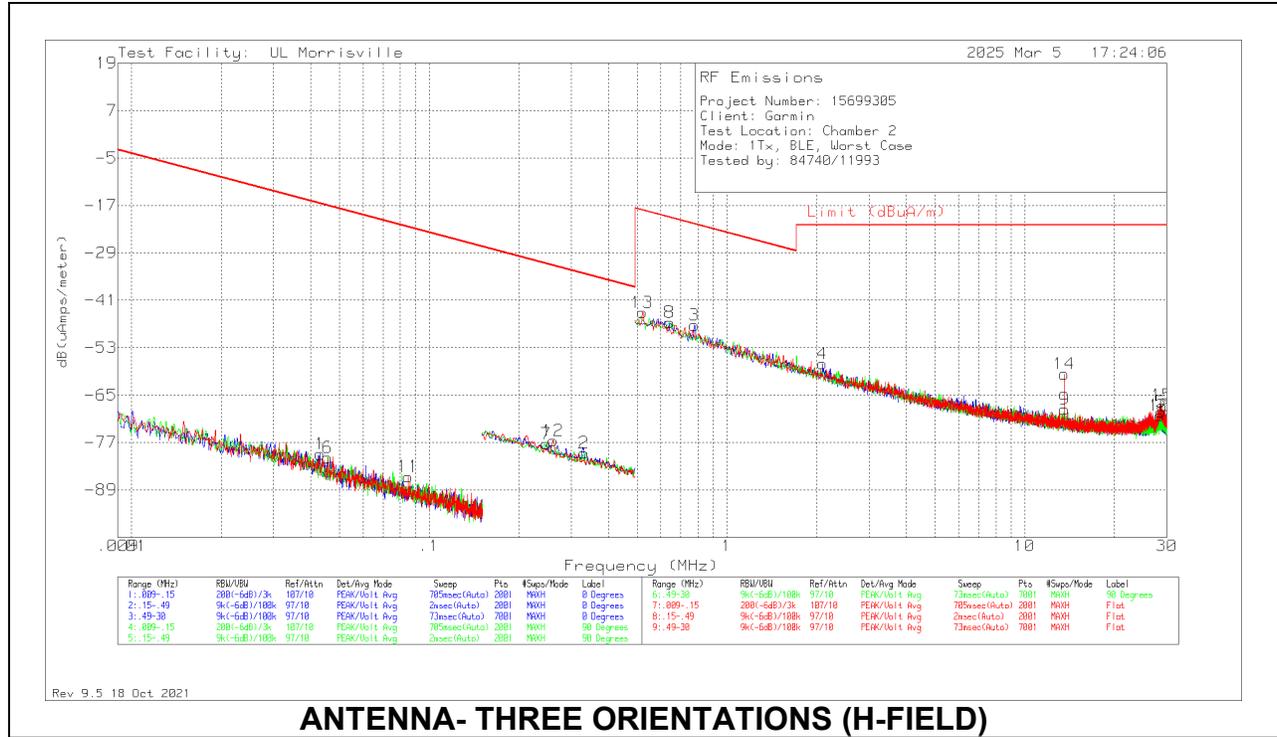
### 10.2.3. BLE



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

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	.04301	39.41	Pk	12.1	.1	-80	-28.39	34.93	54.93	-63.32	0-360	0 degs
6	.04564	38.76	Pk	11.8	.1	-80	-29.34	34.42	54.42	-63.76	0-360	90 degs
11	.08504	34.53	Pk	11.2	.1	-80	-34.17	29.01	49.01	-63.18	0-360	Flat
7	.2475	43.18	Pk	10.9	.1	-80	-25.82	19.73	39.73	-45.55	0-360	90 degs
12	.2605	43.98	Pk	10.9	.1	-80	-25.02	19.29	39.29	-44.31	0-360	Flat
2	.33105	40.82	Pk	10.9	.1	-80	-28.18	17.21	37.21	-45.39	0-360	0 degs
13	.51951	36.26	Pk	11	.1	-40	7.36	33.29	-	-25.93	0-360	Flat
8	.64178	33.78	Pk	11	.1	-40	4.88	31.46	-	-26.58	0-360	90 degs
3	.77669	33.08	Pk	11	.1	-40	4.18	29.8	-	-25.62	0-360	0 degs
4	2.0963	23.12	Pk	11.1	.2	-40	-5.58	29.54	-	-35.12	0-360	0 degs
14	13.5596	21.43	Pk	9.8	.6	-40	-8.17	29.54	-	-37.71	0-360	Flat
9	13.60598	12.49	Pk	9.8	.6	-40	-17.11	29.54	-	-46.65	0-360	90 degs
10	28.43786	13.12	Pk	7.4	.8	-40	-18.68	29.54	-	-48.22	0-360	90 degs
5	28.72455	14.02	Pk	7.4	.8	-40	-17.78	29.54	-	-47.32	0-360	0 degs
15	28.95643	15.78	Pk	7.3	.8	-40	-16.12	29.54	-	-45.66	0-360	Flat

Pk - Peak detector



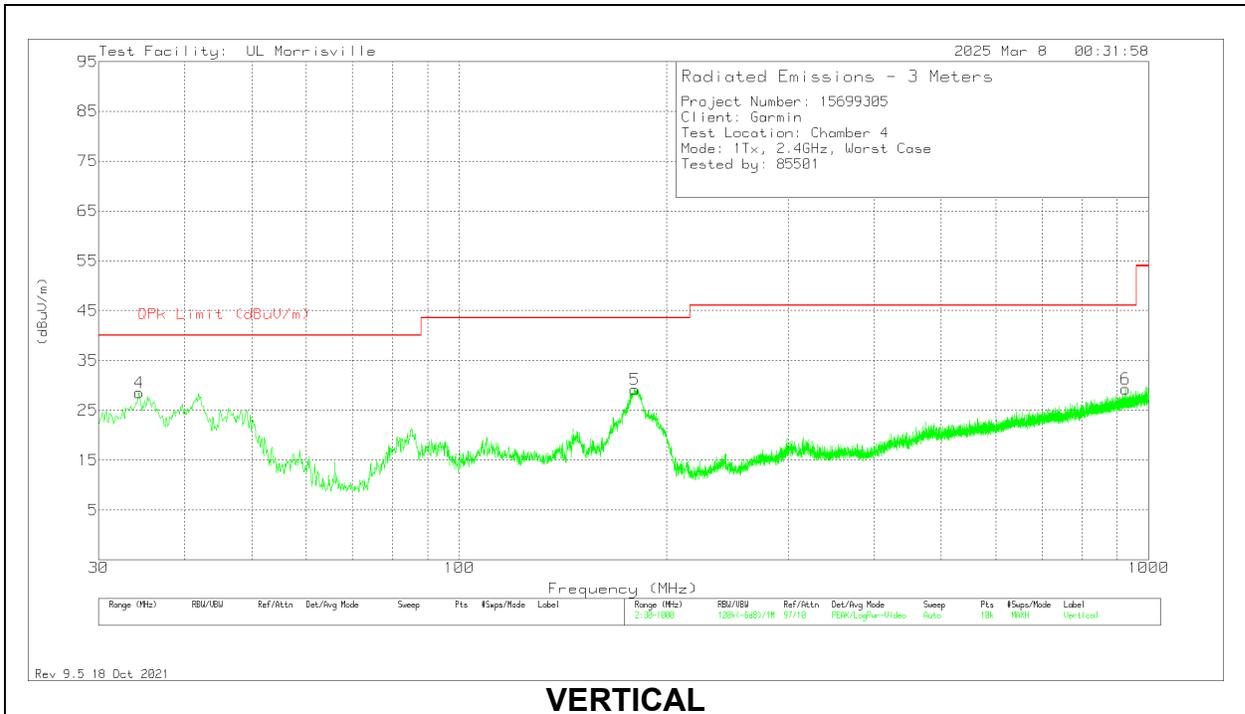
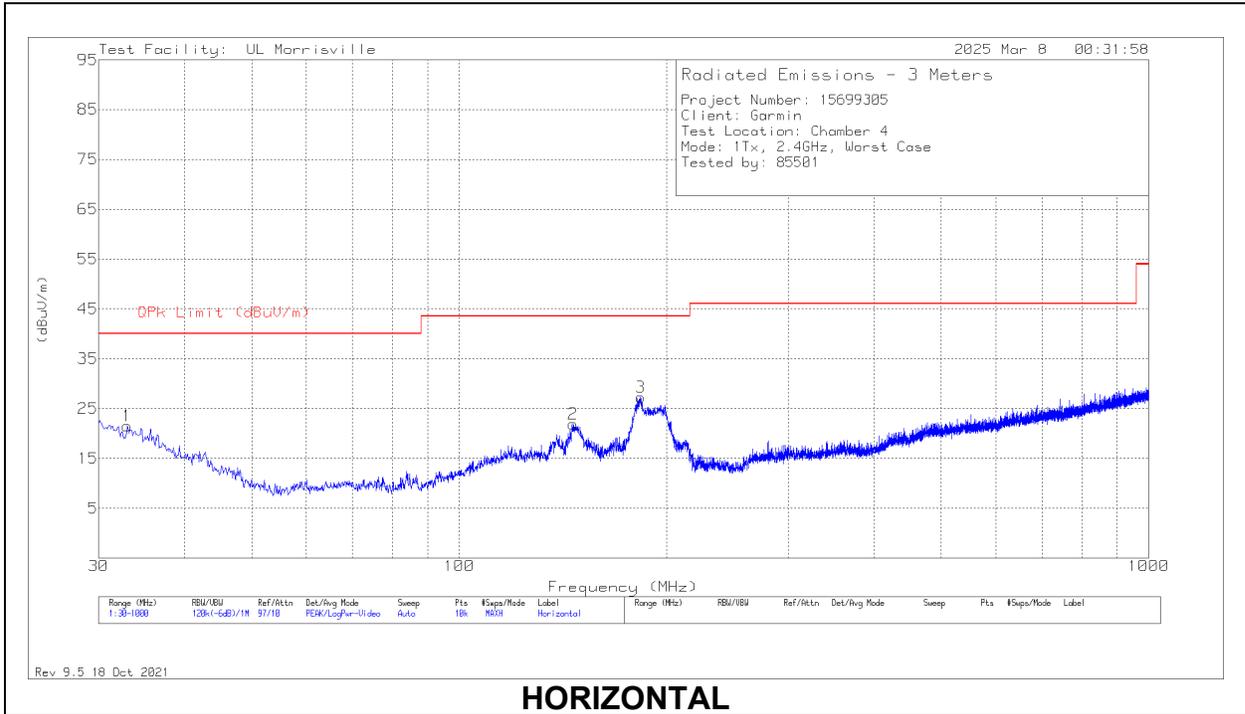
**ANTENNA- THREE ORIENTATIONS (H-FIELD)**

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 (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.04301	39.41	Pk	-39.4	.1	-80	-79.89	-16.57	3.25	-63.32	0-360	0 degs
6	.04564	38.76	Pk	-39.7	.1	-80	-80.84	-17.08	2.92	-63.76	0-360	90 degs
11	.08504	34.53	Pk	-40.3	.1	-80	-85.67	-22.49	-2.49	-63.18	0-360	Flat
7	.2475	43.18	Pk	-40.6	.1	-80	-77.32	-31.77	-11.77	-45.55	0-360	90 degs
12	.2605	43.98	Pk	-40.6	.1	-80	-76.52	-32.21	-12.21	-44.31	0-360	Flat
2	.33105	40.82	Pk	-40.6	.1	-80	-79.68	-34.29	-14.29	-45.39	0-360	0 degs
13	.51951	36.26	Pk	-40.5	.1	-40	-44.14	-18.21	-	-25.93	0-360	Flat
8	.64178	33.78	Pk	-40.5	.1	-40	-46.62	-20.04	-	-26.58	0-360	90 degs
3	.77669	33.08	Pk	-40.5	.1	-40	-47.32	-21.7	-	-25.62	0-360	0 degs
4	2.0963	23.12	Pk	-40.4	.2	-40	-57.08	-21.96	-	-35.12	0-360	0 degs
14	13.5596	21.43	Pk	-41.7	.6	-40	-59.67	-21.96	-	-37.71	0-360	Flat
9	13.60598	12.49	Pk	-41.7	.6	-40	-68.61	-21.96	-	-46.65	0-360	90 degs
10	28.43786	13.12	Pk	-44.1	.8	-40	-70.18	-21.96	-	-48.22	0-360	90 degs
5	28.72455	14.02	Pk	-44.1	.8	-40	-69.28	-21.96	-	-47.32	0-360	0 degs
15	28.95643	15.78	Pk	-44.2	.8	-40	-67.62	-21.96	-	-45.66	0-360	Flat

Pk - Peak detector

### 10.3. WORST CASE SPURIOUS BELOW 1 GHZ

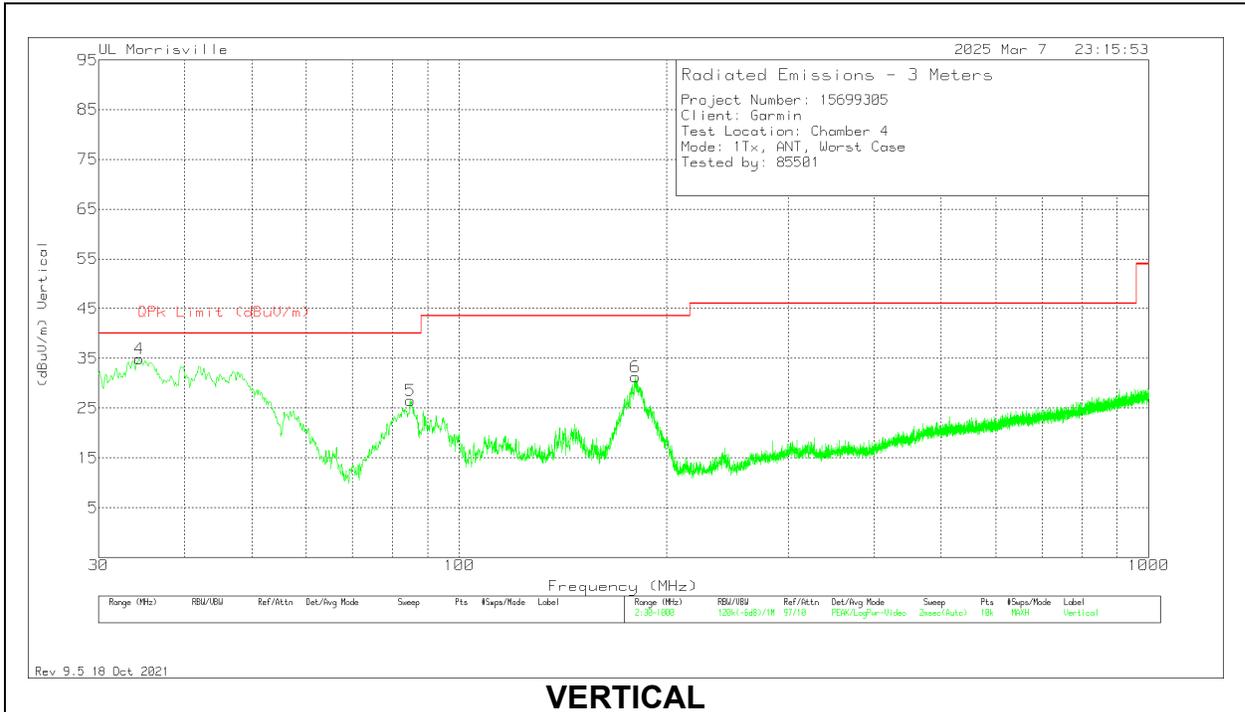
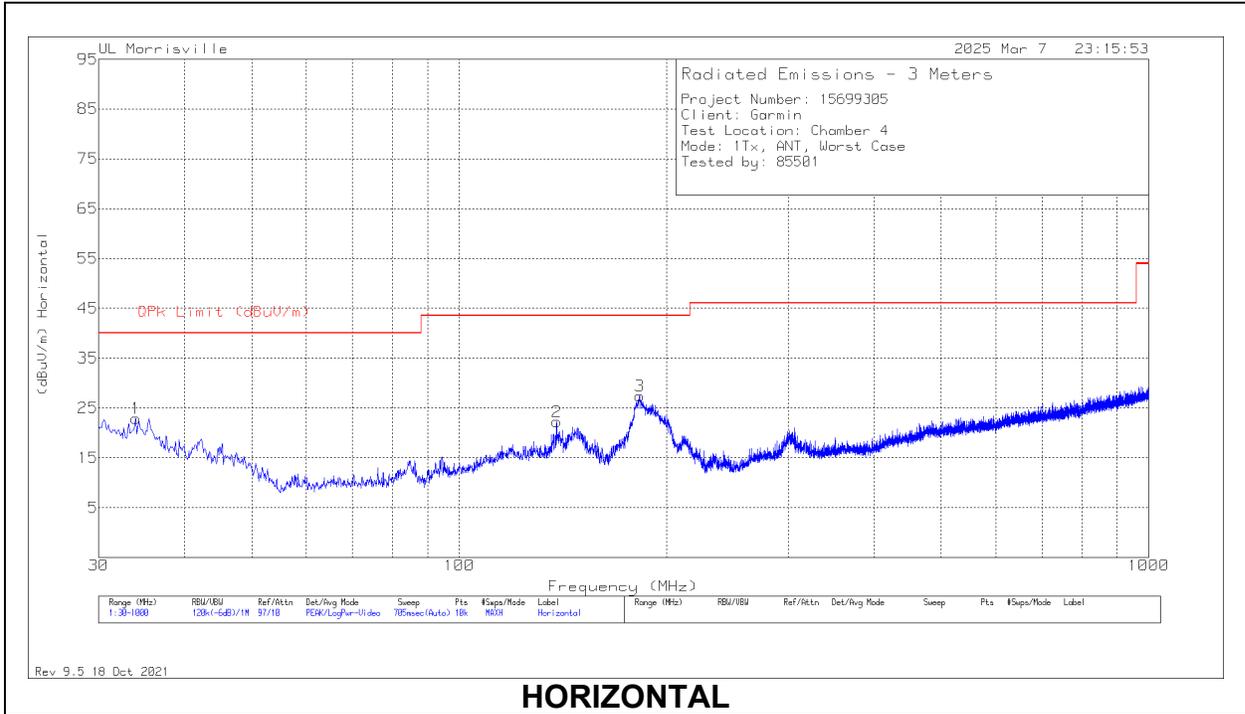
#### 10.3.1. 2.4 WLAN



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90628 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.007	28.73	Pk	24.9	-32.1	21.53	40	-18.47	0-360	300	H
4	34.365	36.63	Pk	24	-32.1	28.53	40	-11.47	0-360	100	V
2	146.4	34.25	Pk	18.8	-31.1	21.95	43.52	-21.57	0-360	100	H
5	179.671	42.79	Pk	17.3	-30.9	29.19	43.52	-14.33	0-360	100	V
3	183.357	40.84	Pk	17.1	-30.7	27.24	43.52	-16.28	0-360	100	H
6	924.825	27.82	Pk	28.5	-27	29.32	46.02	-16.7	0-360	100	V

Pk - Peak detector

**10.3.2. ANT/ANT+**

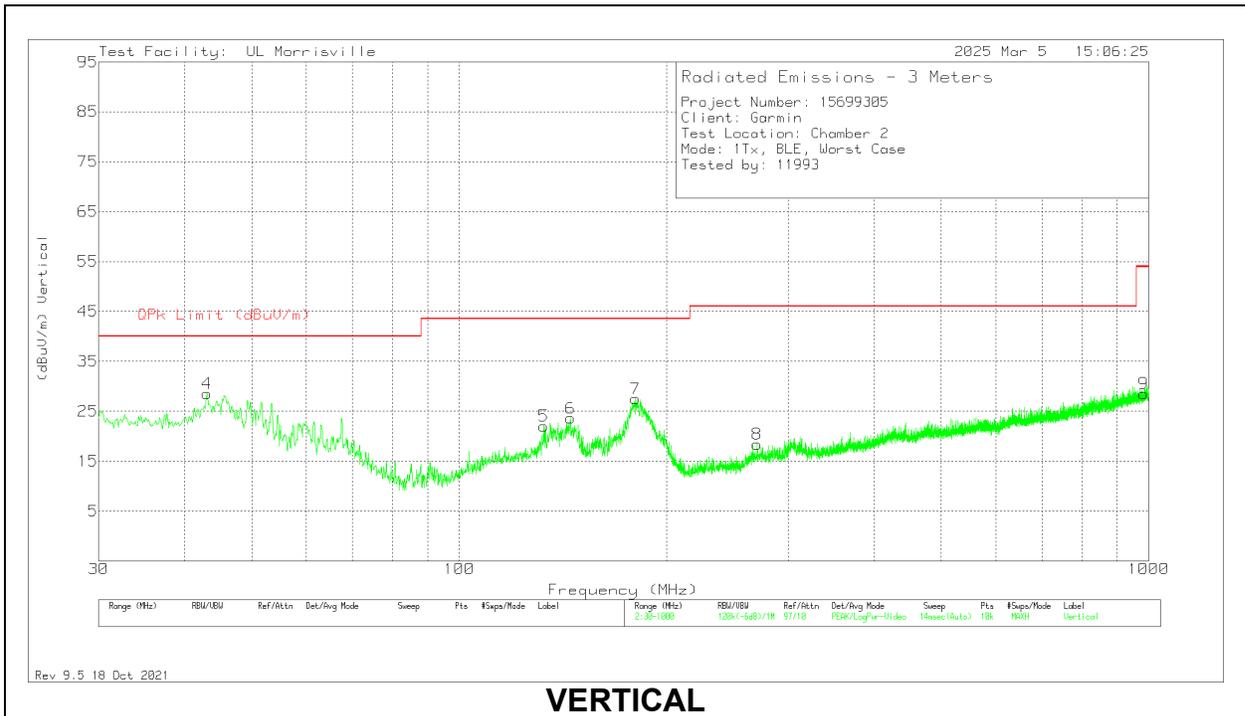
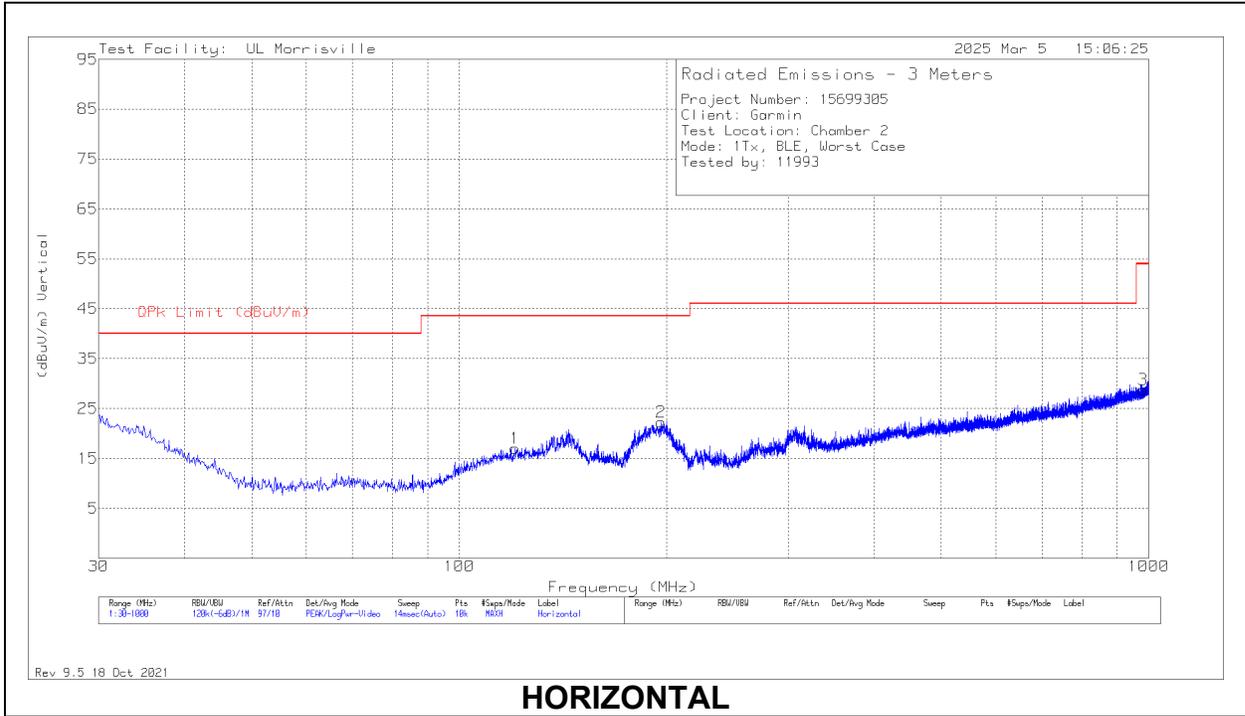


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90628 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.977	30.69	Pk	24.2	-32	22.89	40	-17.11	0-360	300	H
4	34.4	39.65	Qp	23.9	-32.1	31.45	40	-8.55	283	102	V
5	84.902	44.51	Pk	13.5	-31.5	26.51	40	-13.49	0-360	100	V
2	138.446	34.02	Pk	19.3	-31.1	22.22	43.52	-21.3	0-360	100	H
6	179.962	44.88	Pk	17.3	-30.9	31.28	43.52	-12.24	0-360	100	V
3	182.678	41.13	Pk	17.1	-30.8	27.43	43.52	-16.09	0-360	100	H

Pk - Peak detector

Qp - Quasi-Peak detector

### 10.3.3. BLE



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	*** 120.598	27.51	Pk	20.2	-30.7	17.01	43.52	-26.51	0-360	199	H
3	*** 981.376	24.2	Pk	29.8	-25.2	28.8	53.97	-25.17	0-360	199	H
5	*** 132.723	32.6	Pk	20	-30.6	22	43.52	-21.52	0-360	101	V
8	*** 270.56	28.2	Pk	19.8	-29.6	18.4	46.02	-27.62	0-360	199	V
9	*** 983.704	23.82	Pk	29.8	-25.1	28.52	53.97	-25.45	0-360	101	V
4	43.095	41.92	Pk	18	-31.4	28.52	-	-	0-360	101	V
6	144.945	34.9	Pk	19.1	-30.4	23.6	-	-	0-360	101	V
7	180.059	39.88	Pk	17.8	-30.2	27.48	-	-	0-360	101	V
2	196.161	34	Pk	18.4	-30.1	22.3	-	-	0-360	100	H

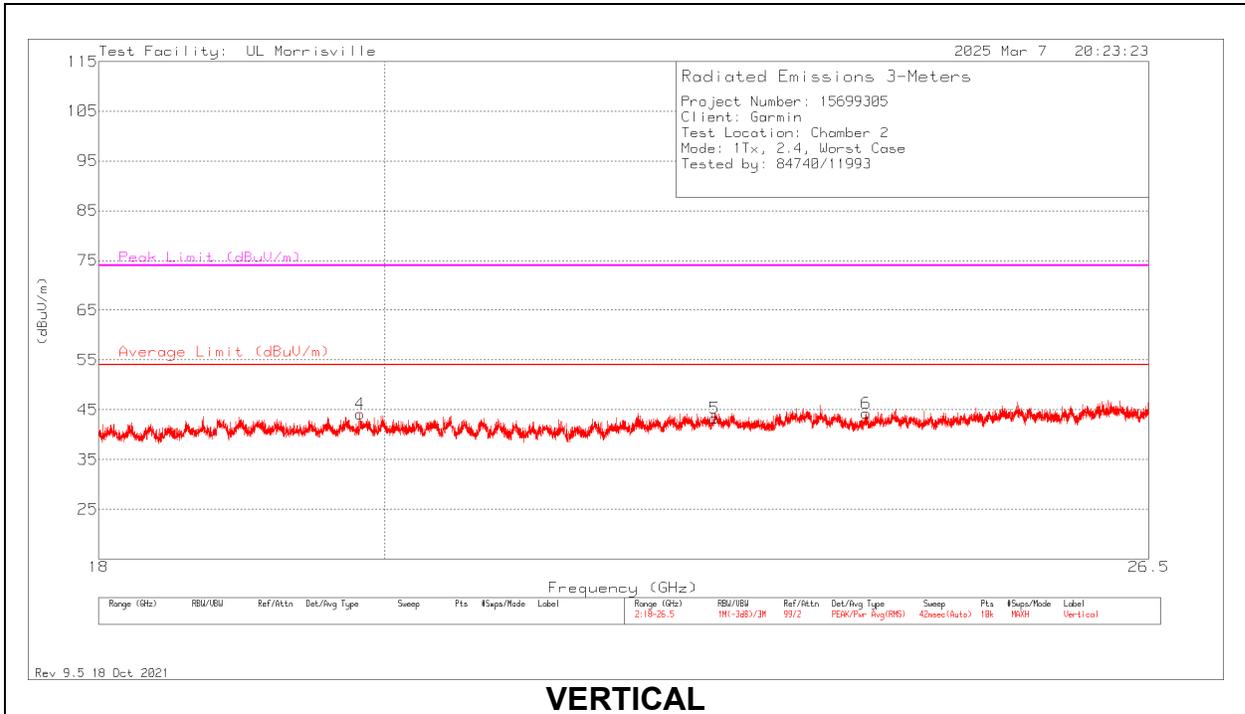
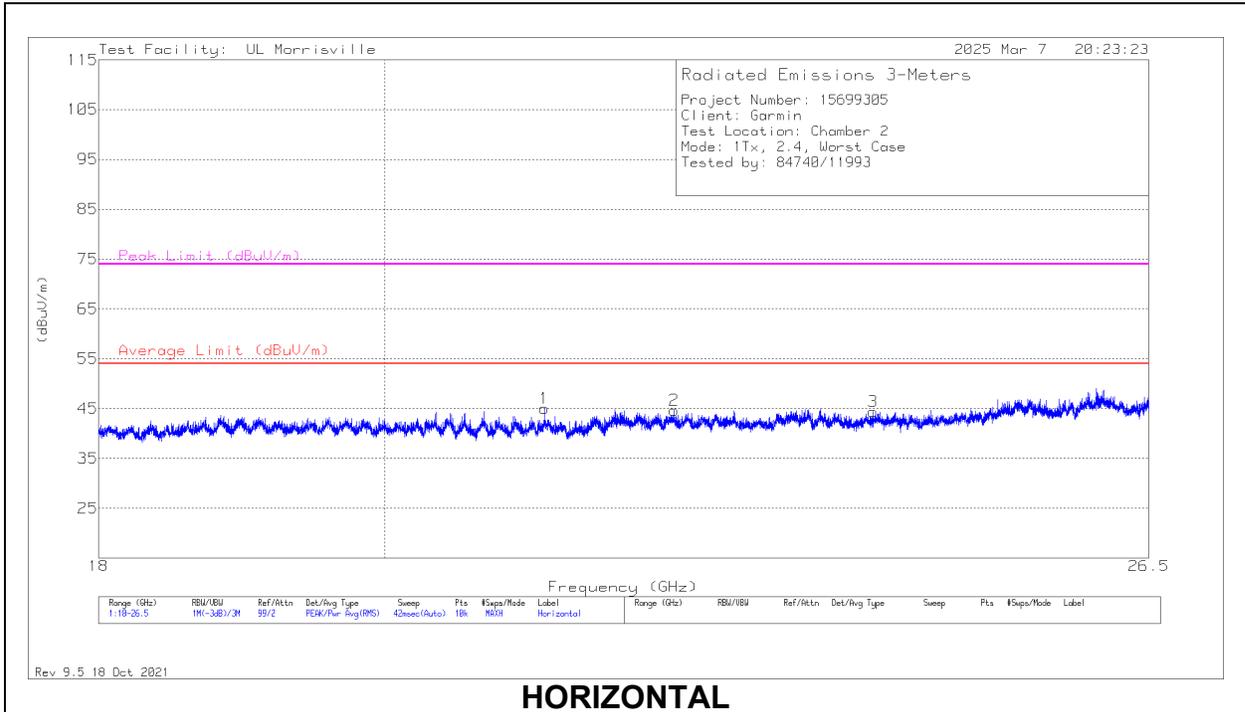
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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

Pk - Peak detector

## 10.4. WORST CASE SPURIOUS 18-26 GHZ

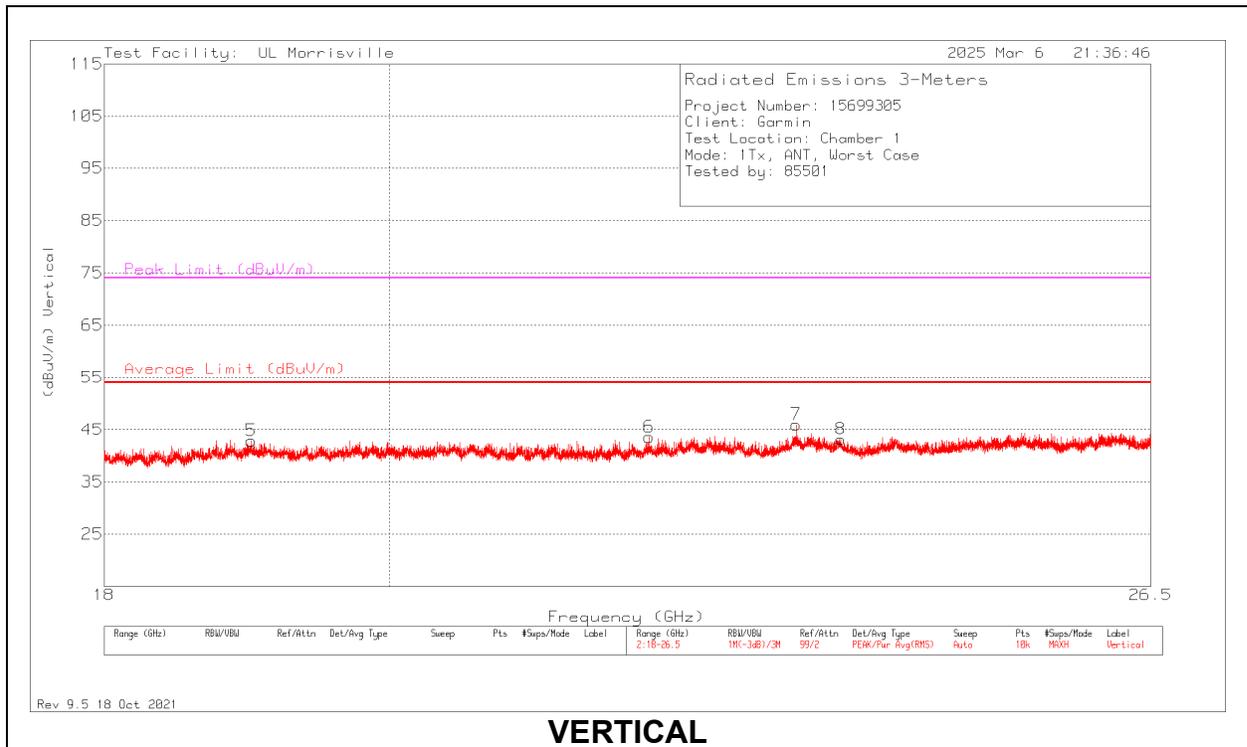
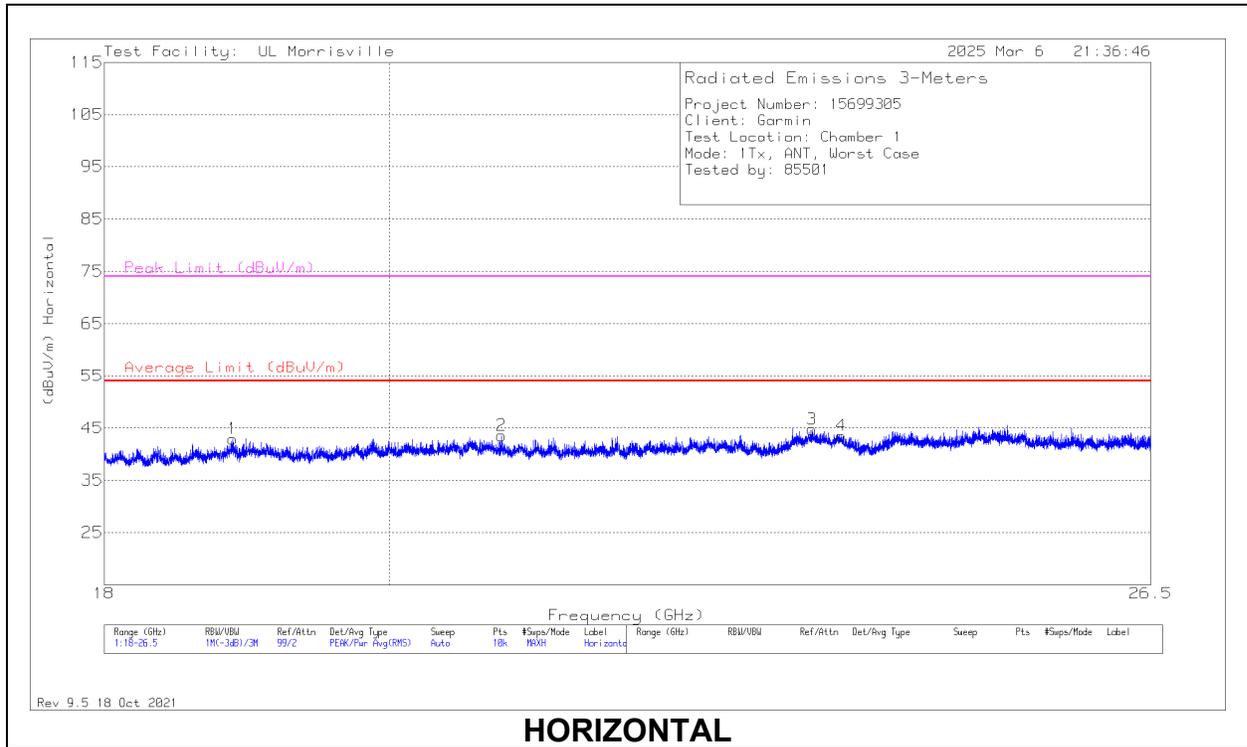
### 10.4.1. 2.4 WLAN



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (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	* ** 21.21098	49.44	Pk	33.6	-38	45.04	54	-8.96	74	-28.96	0-360	101	H
2	* ** 22.25042	48.01	Pk	34.2	-37.6	44.61	54	-9.39	74	-29.39	0-360	101	H
3	* ** 23.93921	47.29	Pk	34.4	-37.3	44.39	54	-9.61	74	-29.61	0-360	150	H
4	* ** 19.81967	49.02	Pk	33.2	-38.1	44.12	54	-9.88	74	-29.88	0-360	150	V
5	* ** 22.58274	46.31	Pk	34.3	-37.3	43.31	54	-10.69	74	-30.69	0-360	299	V
6	* ** 23.88056	46.63	Pk	34.4	-36.7	44.33	54	-9.67	74	-29.67	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

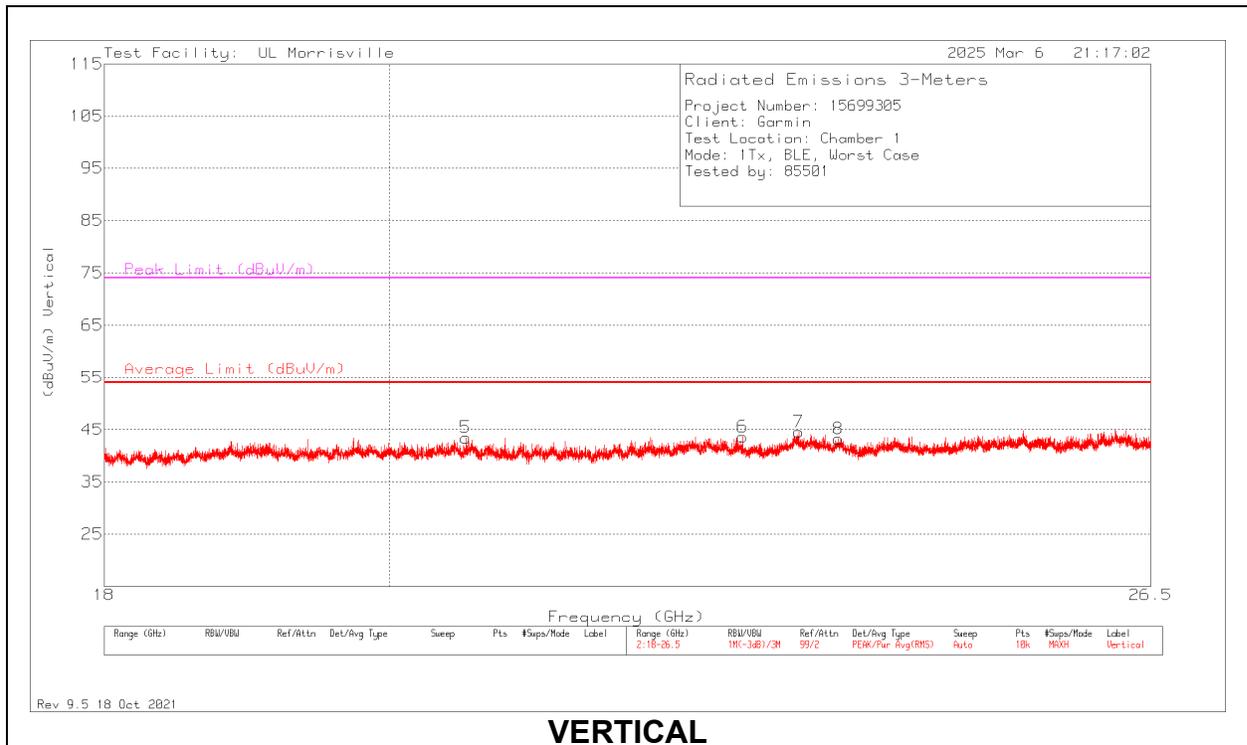
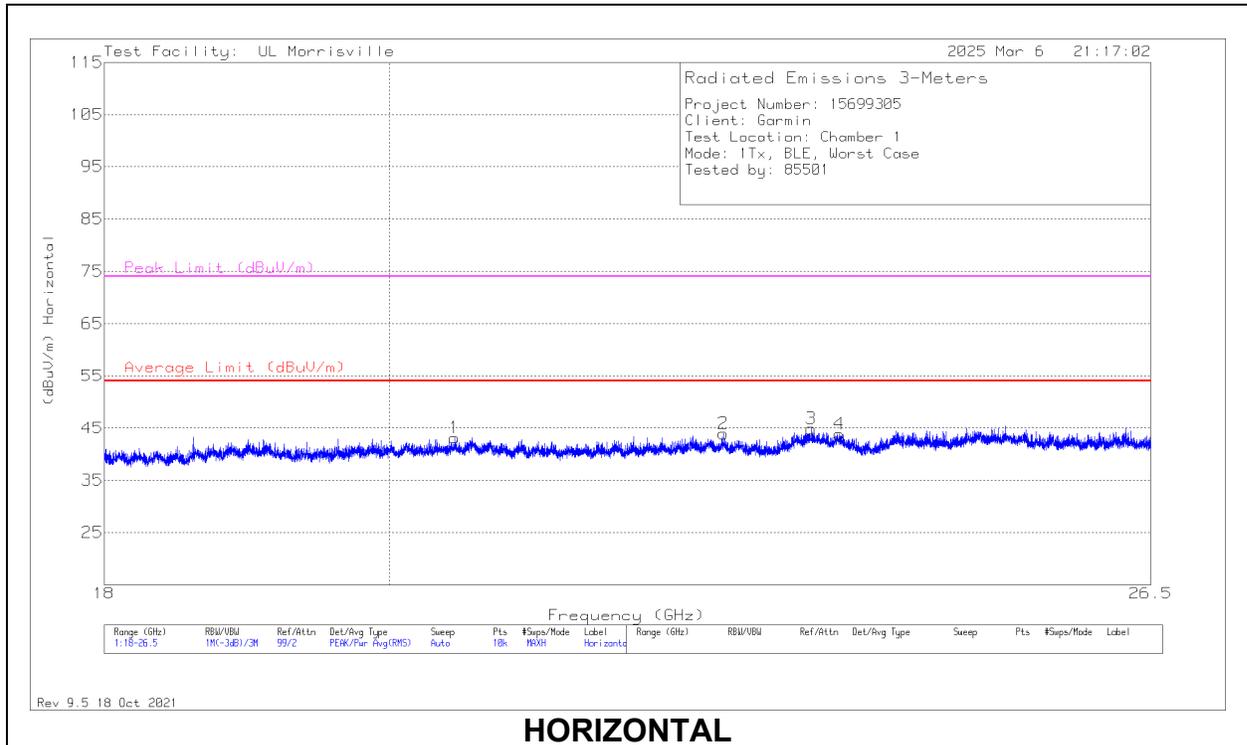
**10.4.2. ANT/ANT+**



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 18.87711	49.54	Pk	33.5	-40.1	42.94	54	-11.06	74	-31.06	0-360	299	H
2	* ** 20.84892	50.15	Pk	33.4	-40	43.55	54	-10.45	74	-30.45	0-360	199	H
4	* ** 23.63749	48.84	Pk	34.6	-39.9	43.54	54	-10.46	74	-30.46	0-360	199	H
5	* ** 19.00715	49.35	Pk	33.6	-40.1	42.85	54	-11.15	74	-31.15	0-360	151	V
6	* ** 22.0167	49.59	Pk	34.2	-40.2	43.59	54	-10.41	74	-30.41	0-360	200	V
8	* ** 23.63409	48.48	Pk	34.6	-39.9	43.18	54	-10.82	74	-30.82	0-360	250	V
7	23.24568	51.74	Pk	34.3	-40.1	45.94	54	-8.06	74	-28.06	0-360	151	V
3	23.38336	50.14	Pk	34.6	-40	44.74	54	-9.26	74	-29.26	0-360	149	H

\* - 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**



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)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.4894	49.54	Pk	33.7	-40.1	43.14	54	-10.86	74	-30.86	0-360	300	H
2	* ** 22.62949	49.95	Pk	34.2	-40.2	43.95	54	-10.05	74	-30.05	0-360	200	H
4	* ** 23.61879	49.27	Pk	34.6	-40	43.87	54	-10.13	74	-30.13	0-360	101	H
5	* ** 20.57524	49.83	Pk	33.7	-40.1	43.43	54	-10.57	74	-30.57	0-360	251	V
6	* ** 22.79012	49.72	Pk	34.1	-40.2	43.62	54	-10.38	74	-30.38	0-360	151	V
8	* ** 23.61114	48.6	Pk	34.6	-40	43.2	54	-10.8	74	-30.8	0-360	101	V
7	23.26692	50.29	Pk	34.4	-40.1	44.59	54	-9.41	74	-29.41	0-360	300	V
3	23.37571	50.29	Pk	34.6	-40	44.89	54	-9.11	74	-29.11	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

## 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.

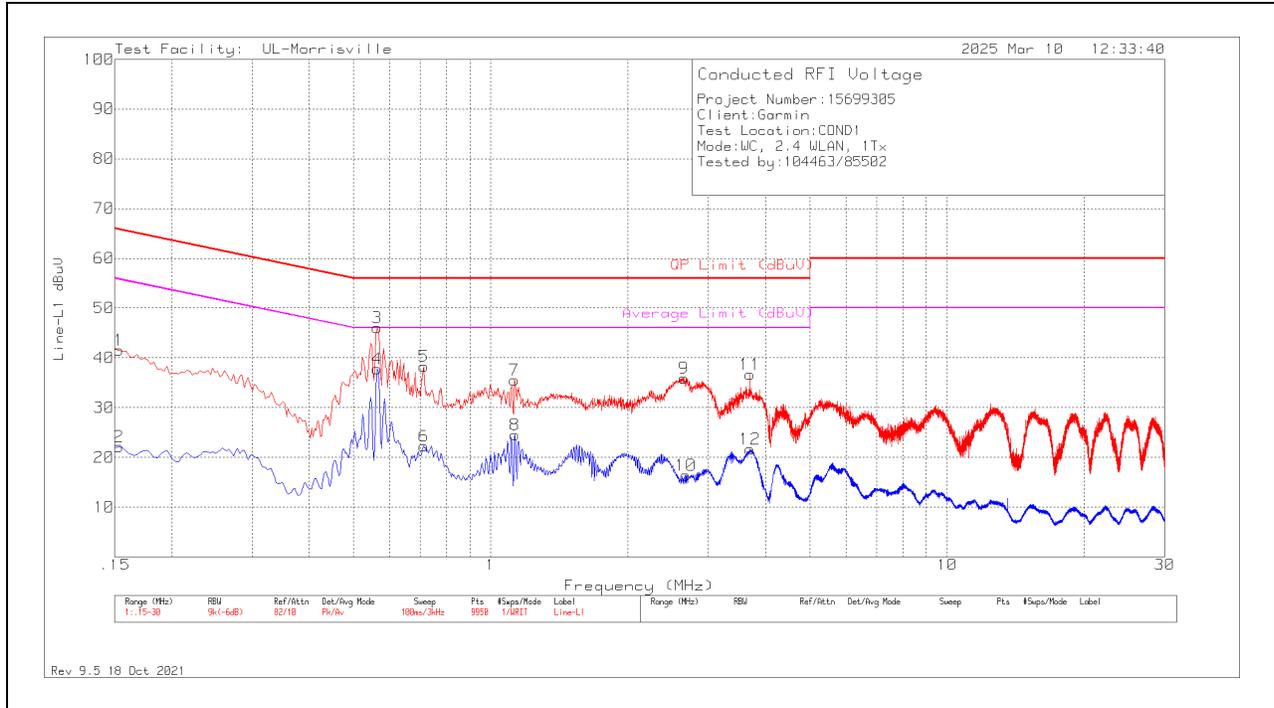
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

## 11.1. AC POWER LINE

### 11.1.1. 2.4 WLAN

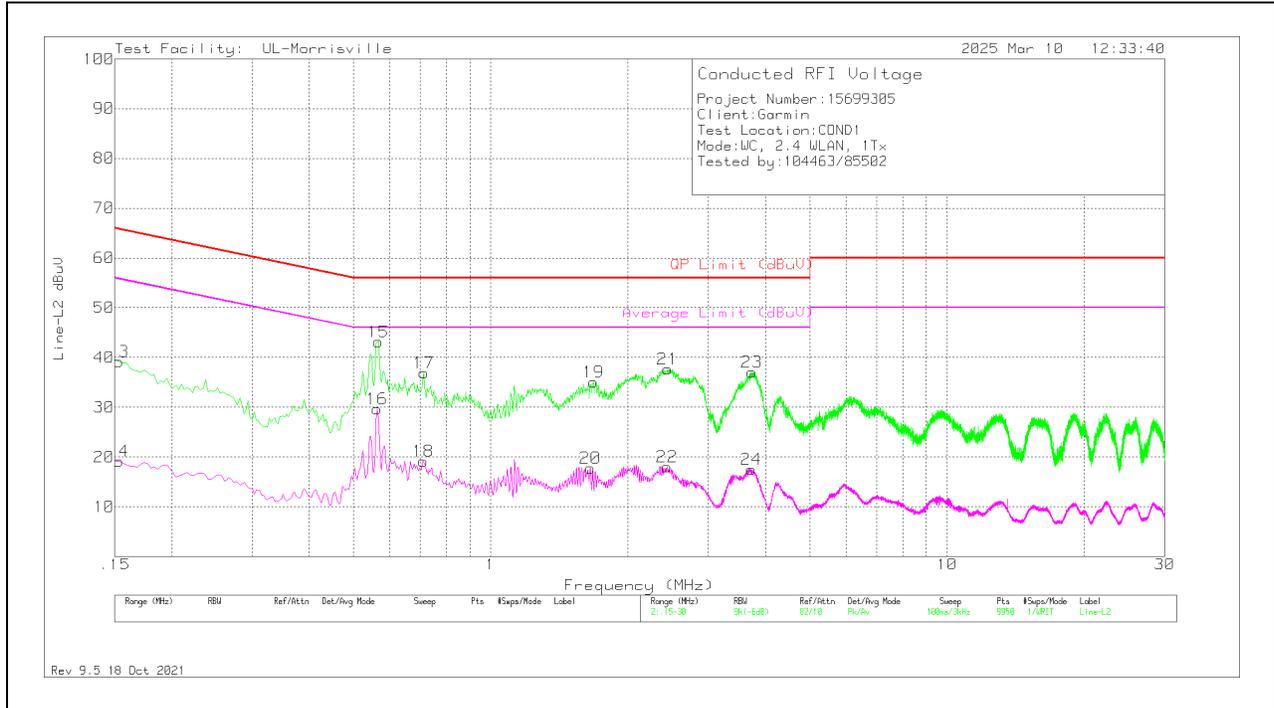
#### LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	31.59	Pk	.2	9.8	41.59	65.84	-24.25	-	-
2	.153	12.12	Av	.2	9.8	22.12	-	-	55.84	-33.72
3	.564	36.22	Pk	0	9.8	46.02	56	-9.98	-	-
4	.564	27.96	Av	0	9.8	37.76	-	-	46	-8.24
5	.714	28.51	Pk	0	9.8	38.31	56	-17.69	-	-
6	.714	12.42	Av	0	9.8	22.22	-	-	46	-23.78
7	1.128	25.71	Pk	0	9.8	35.51	56	-20.49	-	-
8	1.131	14.68	Av	0	9.8	24.48	-	-	46	-21.52
9	2.652	26.15	Pk	0	9.8	35.95	56	-20.05	-	-
10	2.673	6.62	Av	0	9.8	16.42	-	-	46	-29.58
11	3.702	26.73	Pk	0	9.9	36.63	56	-19.37	-	-
12	3.702	11.78	Av	0	9.9	21.68	-	-	46	-24.32

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS

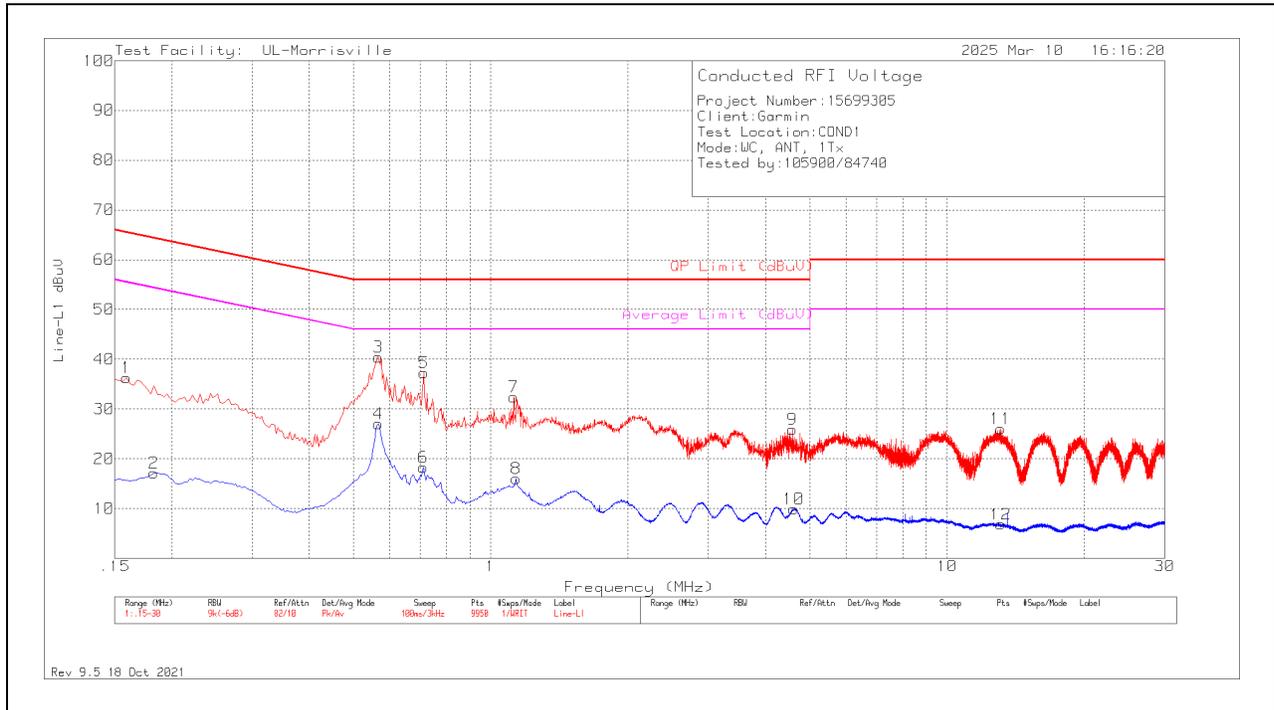


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	29.22	Pk	.2	9.8	39.22	65.84	-26.62	-	-
14	.153	9.17	Av	.2	9.8	19.17	-	-	55.84	-36.67
16	.564	19.82	Av	0	9.8	29.62	-	-	46	-16.38
15	.567	33.32	Pk	0	9.8	43.12	56	-12.88	-	-
18	.711	9.33	Av	0	9.8	19.13	-	-	46	-26.87
17	.714	27.1	Pk	0	9.8	36.9	56	-19.1	-	-
20	1.653	7.98	Av	0	9.8	17.78	-	-	46	-28.22
19	1.68	25.26	Pk	0	9.8	35.06	56	-20.94	-	-
22	2.433	8.21	Av	0	9.8	18.01	-	-	46	-27.99
21	2.445	27.91	Pk	0	9.8	37.71	56	-18.29	-	-
24	3.729	7.6	Av	0	9.9	17.5	-	-	46	-28.5
23	3.735	27.1	Pk	0	9.9	37	56	-19	-	-

Pk - Peak detector  
 Av - Average detection

11.1.2. ANT/ANT+

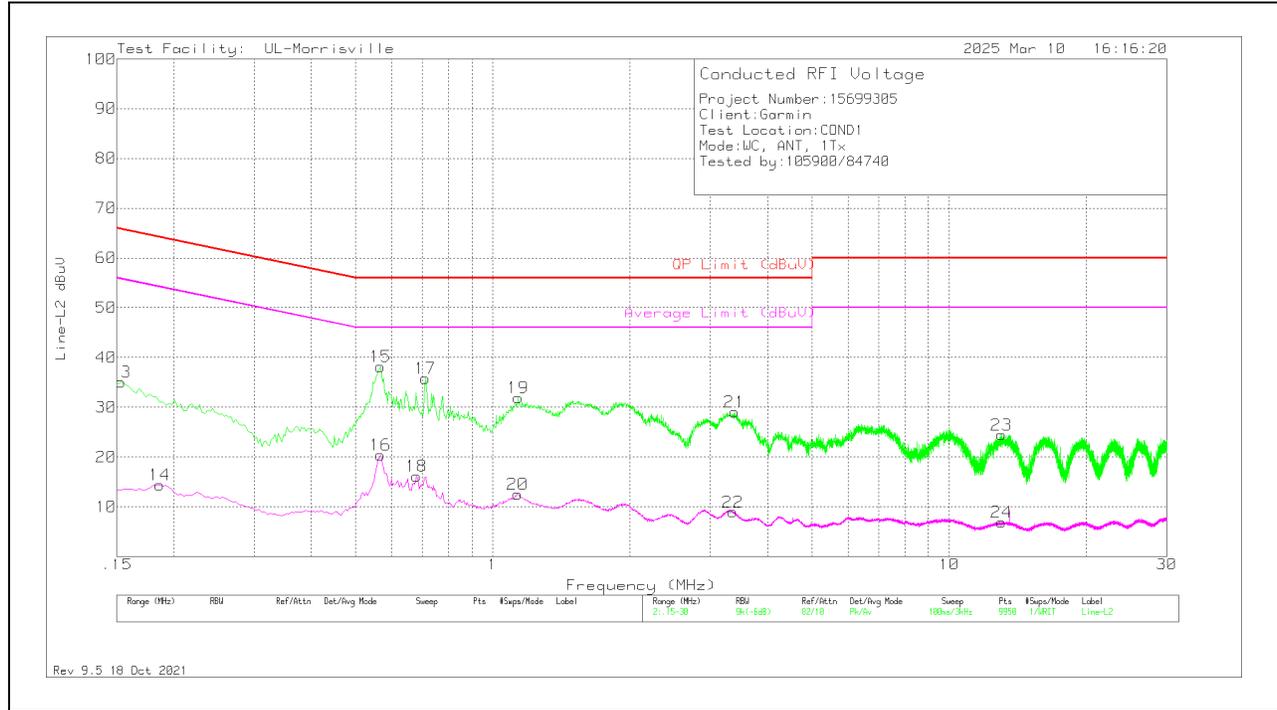
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.159	26.26	Pk	.2	9.8	36.26	65.52	-29.26	-	-
2	.183	7.13	Av	.2	9.8	17.13	-	-	54.35	-37.22
3	.567	30.65	Pk	0	9.8	40.45	56	-15.55	-	-
4	.567	17.2	Av	0	9.8	27	-	-	46	-19
5	.714	27.47	Pk	0	9.8	37.27	56	-18.73	-	-
6	.711	8.52	Av	0	9.8	18.32	-	-	46	-27.68
7	1.122	22.6	Pk	0	9.8	32.4	56	-23.6	-	-
8	1.137	6.2	Av	0	9.8	16	-	-	46	-30
9	4.587	15.89	Pk	.1	9.9	25.89	56	-30.11	-	-
10	4.611	-.11	Av	.1	9.9	9.89	-	-	46	-36.11
11	13.122	15.88	Pk	.1	10	25.98	60	-34.02	-	-
12	13.116	-3.28	Av	.1	10	6.82	-	-	50	-43.18

Pk - Peak detector  
 Av - Average detection

### LINE 2 RESULTS

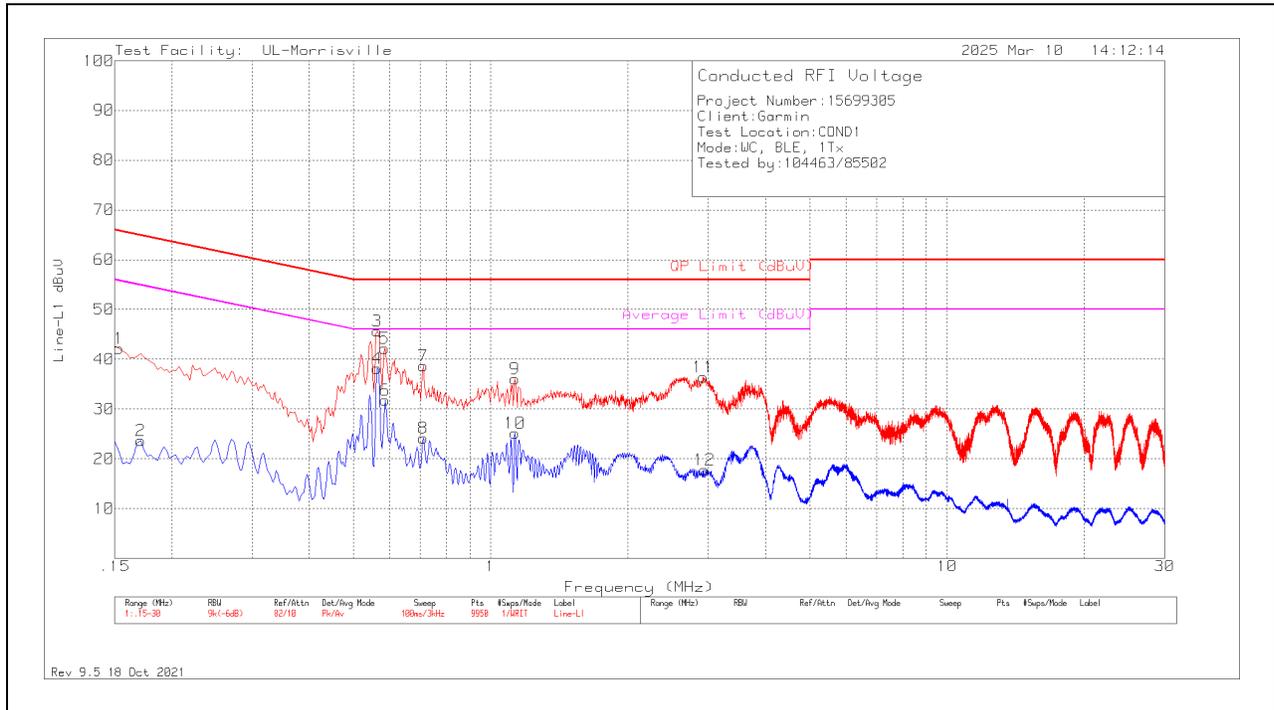


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	25.09	Pk	.2	9.8	35.09	65.84	-30.75	-	-
14	.186	4.39	Av	.2	9.8	14.39	-	-	54.21	-39.82
15	.567	28.42	Pk	0	9.8	38.22	56	-17.78	-	-
16	.567	10.56	Av	0	9.8	20.36	-	-	46	-25.64
17	.711	25.96	Pk	0	9.8	35.76	56	-20.24	-	-
18	.681	6.35	Av	0	9.8	16.15	-	-	46	-29.85
19	1.137	22.14	Pk	0	9.8	31.94	56	-24.06	-	-
20	1.134	2.73	Av	0	9.8	12.53	-	-	46	-33.47
21	3.39	19.21	Pk	0	9.8	29.01	56	-26.99	-	-
22	3.36	-0.86	Av	0	9.8	8.94	-	-	46	-37.06
23	13.014	14.36	Pk	.1	10	24.46	60	-35.54	-	-
24	13.026	-3.23	Av	.1	10	6.87	-	-	50	-43.13

Pk - Peak detector  
 Av - Average detection

11.1.3. BLE

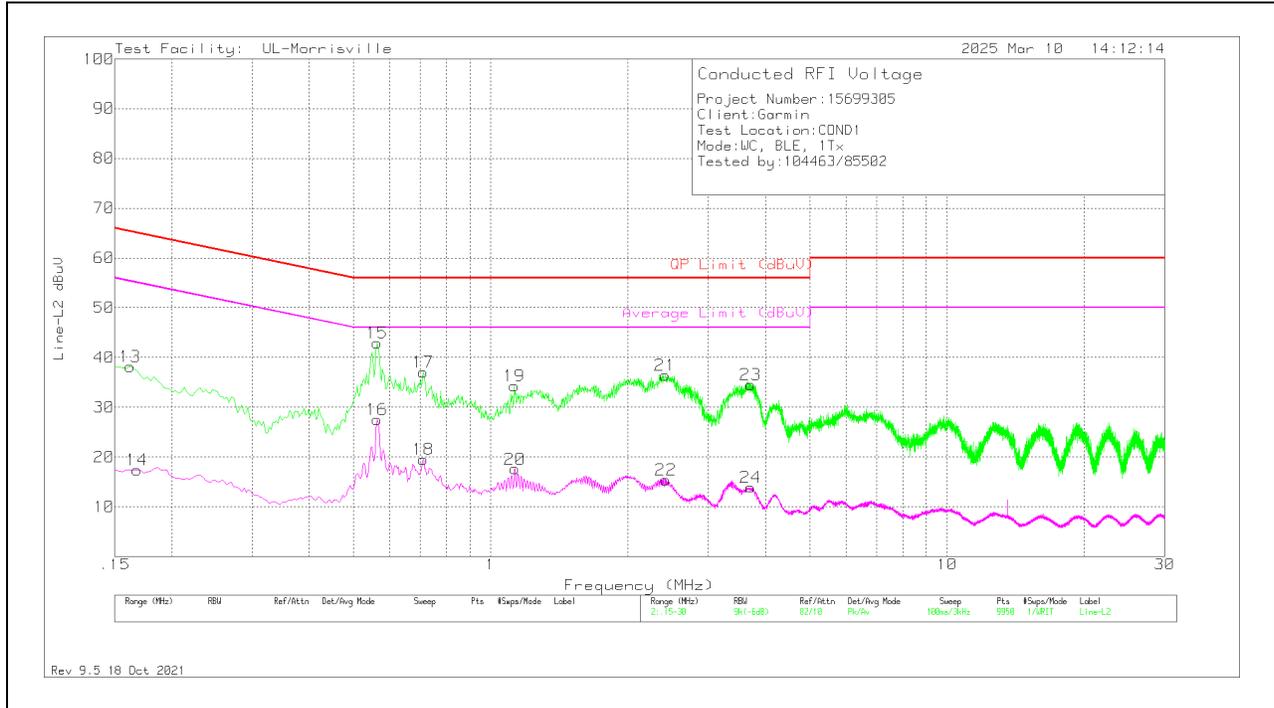
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	32.18	Pk	.2	9.8	42.18	65.84	-23.66	-	-
2	.171	13.63	Av	.2	9.8	23.63	-	-	54.91	-31.28
3	.564	35.91	Pk	0	9.8	45.71	56	-10.29	-	-
4	.564	28.33	Av	0	9.8	38.13	-	-	46	-7.87
5	.585	32.4	Pk	0	9.8	42.2	56	-13.8	-	-
6	.588	21.98	Av	0	9.8	31.78	-	-	46	-14.22
7	.711	28.9	Pk	0	9.8	38.7	56	-17.3	-	-
8	.711	14.34	Av	0	9.8	24.14	-	-	46	-21.86
9	1.131	26.29	Pk	0	9.8	36.09	56	-19.91	-	-
10	1.131	15.33	Av	0	9.8	25.13	-	-	46	-20.87
11	2.919	26.58	Pk	0	9.8	36.38	56	-19.62	-	-
12	2.94	7.94	Av	0	9.8	17.74	-	-	46	-28.26

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)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.162	28.2	Pk	.2	9.8	38.2	65.36	-27.16	-	-
14	.168	7.43	Av	.2	9.8	17.43	-	-	55.06	-37.63
15	.564	33.16	Pk	0	9.8	42.96	56	-13.04	-	-
16	.564	17.75	Av	0	9.8	27.55	-	-	46	-18.45
17	.711	27.24	Pk	0	9.8	37.04	56	-18.96	-	-
18	.711	9.75	Av	0	9.8	19.55	-	-	46	-26.45
19	1.128	24.49	Pk	0	9.8	34.29	56	-21.71	-	-
20	1.131	7.78	Av	0	9.8	17.58	-	-	46	-28.42
21	2.415	26.58	Pk	0	9.8	36.38	56	-19.62	-	-
22	2.421	5.64	Av	0	9.8	15.44	-	-	46	-30.56
24	3.714	4.04	Av	0	9.9	13.94	-	-	46	-32.06
23	3.717	24.65	Pk	0	9.9	34.55	56	-21.45	-	-

Pk - Peak detector  
 Av - Average detection

## 12. SETUP PHOTOS

Please refer to R15699305-EP1 for setup photos

**END OF TEST REPORT**