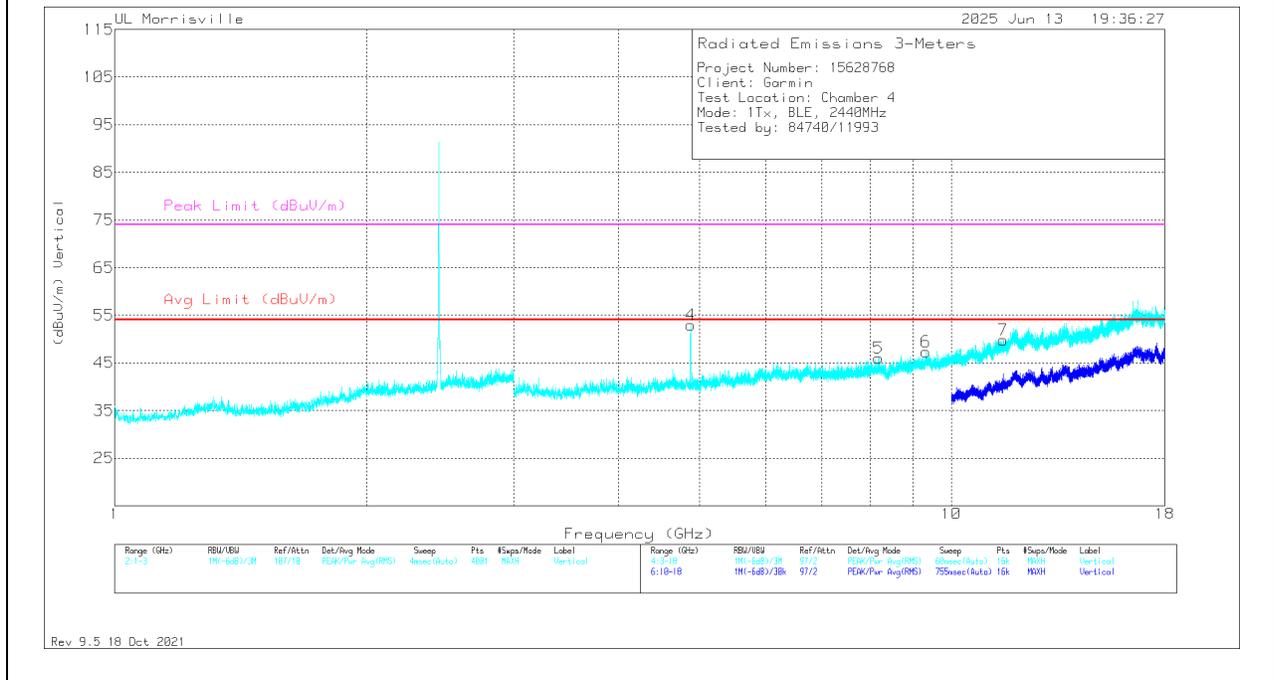
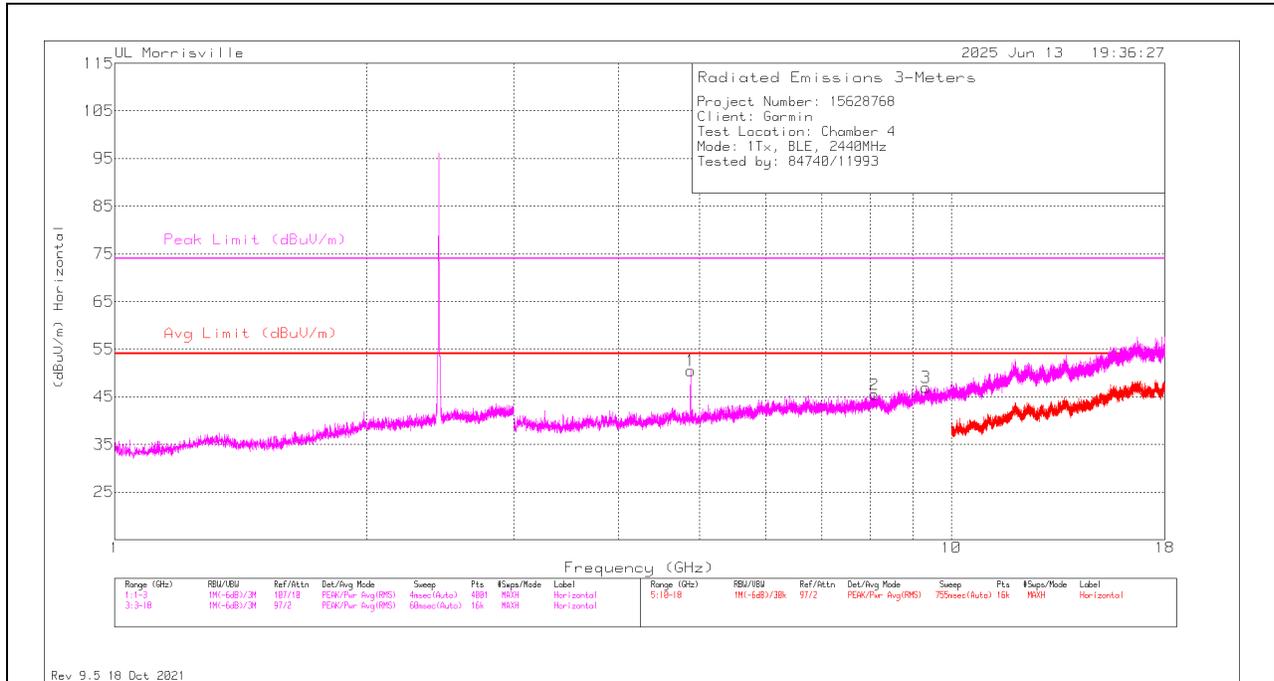


MID CHANNEL, 2440 MHz, RESULTS



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	*** 4.88093	51.63	PK2	33.9	-31	54.53	-	-	74	-19.47	116	115	H
	*** 4.87903	38.33	ADV	33.9	-31	41.23	54	-12.77	-	-	116	115	H
2	*** 8.09438	36.74	Pk	35.6	-26.9	45.44	54	-8.56	74	-28.56	0-360	100	H
3	*** 9.33281	34.59	Pk	36.4	-24.1	46.89	54	-7.11	74	-27.11	0-360	100	H
4	*** 4.87916	49.84	PK2	33.9	-31	52.74	-	-	74	-21.26	234	202	V
	*** 4.8791	36.36	ADV	33.9	-31	39.26	54	-14.74	-	-	234	202	V
5	*** 8.18625	36.53	Pk	35.7	-26.2	46.03	54	-7.97	74	-27.97	0-360	200	V
6	*** 9.32906	35.15	Pk	36.4	-24.2	47.35	54	-6.65	74	-26.65	0-360	200	V
7	*** 11.54465	34.16	PK2	38.1	-21.6	50.66	-	-	74	-23.34	149	187	V
	*** 11.545	21.91	ADV	38.1	-21.6	38.41	54	-15.59	-	-	149	187	V

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

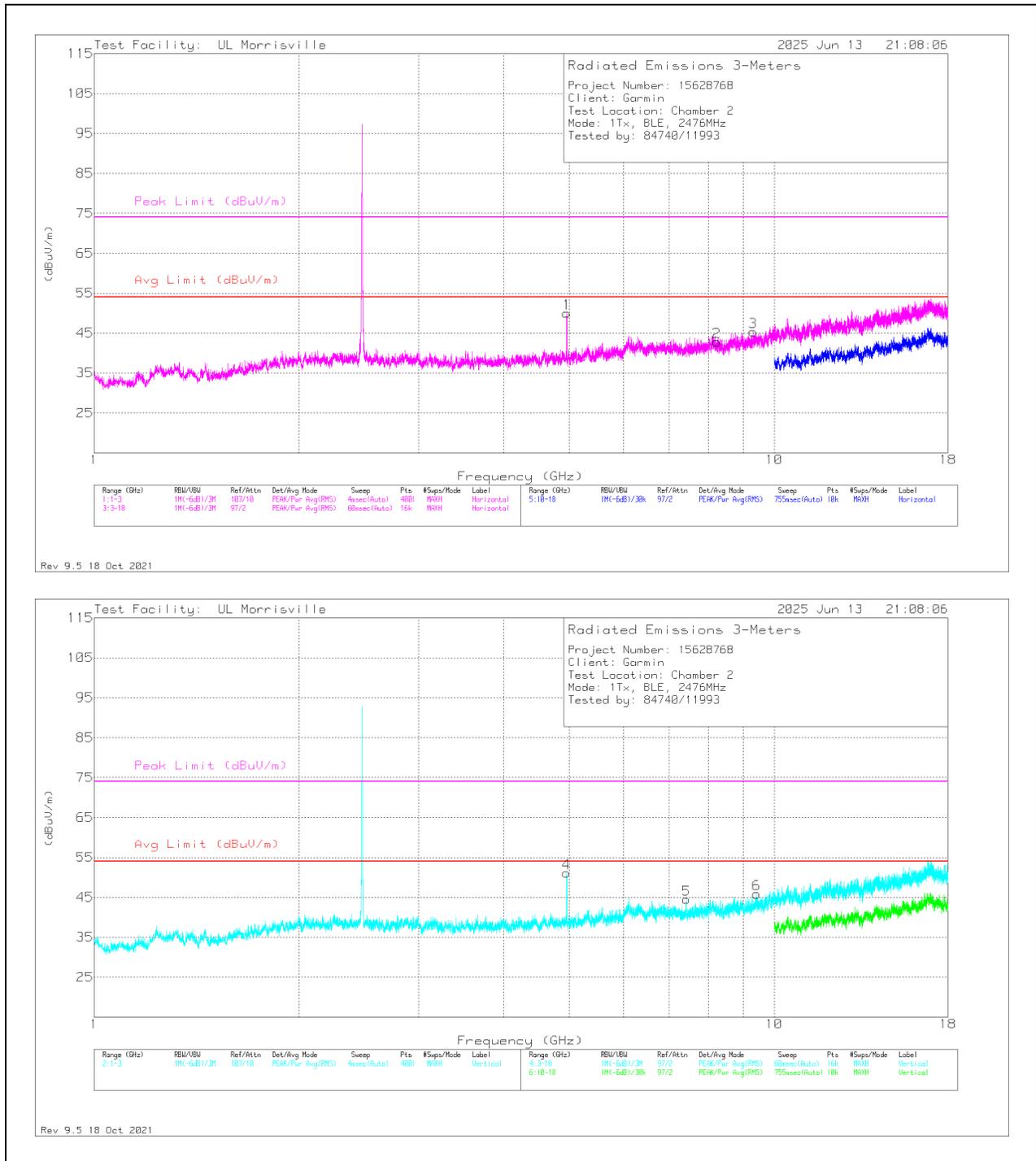
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, 2476 MHz, RESULTS



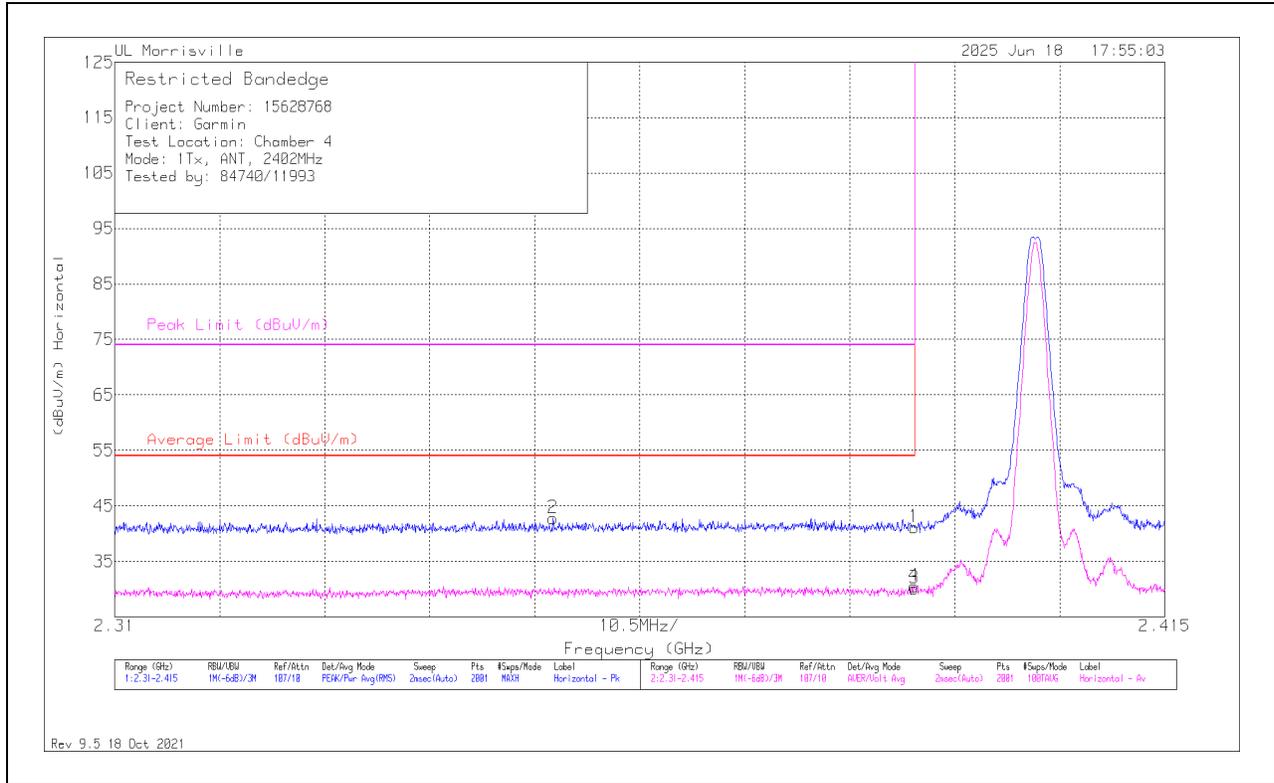
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.95117	65.69	PK2	34	-45.5	54.19	-	-	74	-19.81	98	136	H
	*** 4.951	53.95	ADV	34	-45.5	42.45	54	-11.55	-	-	98	136	H
2	*** 8.22938	49.1	Pk	35.8	-42.1	42.8	54	-11.2	74	-31.2	0-360	200	H
3	*** 9.3075	49.94	Pk	36.1	-40.7	45.34	54	-8.66	74	-28.66	0-360	101	H
4	*** 4.95105	66.75	PK2	34	-45.5	55.25	-	-	74	-18.75	285	109	V
	*** 4.9511	53.87	ADV	34	-45.5	42.37	54	-11.63	-	-	285	109	V
5	*** 7.42688	50.79	Pk	35.6	-41.9	44.49	54	-9.51	74	-29.51	0-360	200	V
6	*** 9.41906	51.15	Pk	36.2	-41.5	45.85	54	-8.15	74	-28.15	0-360	101	V

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

10.2.3. ANT/ANT+

BANDEDGE (LOW CHANNEL, 2402 MHz)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	32.31	Pk	32	-23.2	41.11	-	-	74	-32.89	191	146	H
2	*** 2.35384	33.98	Pk	31.8	-23	42.78	-	-	74	-31.22	191	146	H
3	** 2.38996	21.35	ADV	32	-23.2	30.15	54	-23.85	-	-	191	146	H
4	** 2.38991	21.74	ADV	32	-23.2	30.54	54	-23.46	-	-	191	146	H

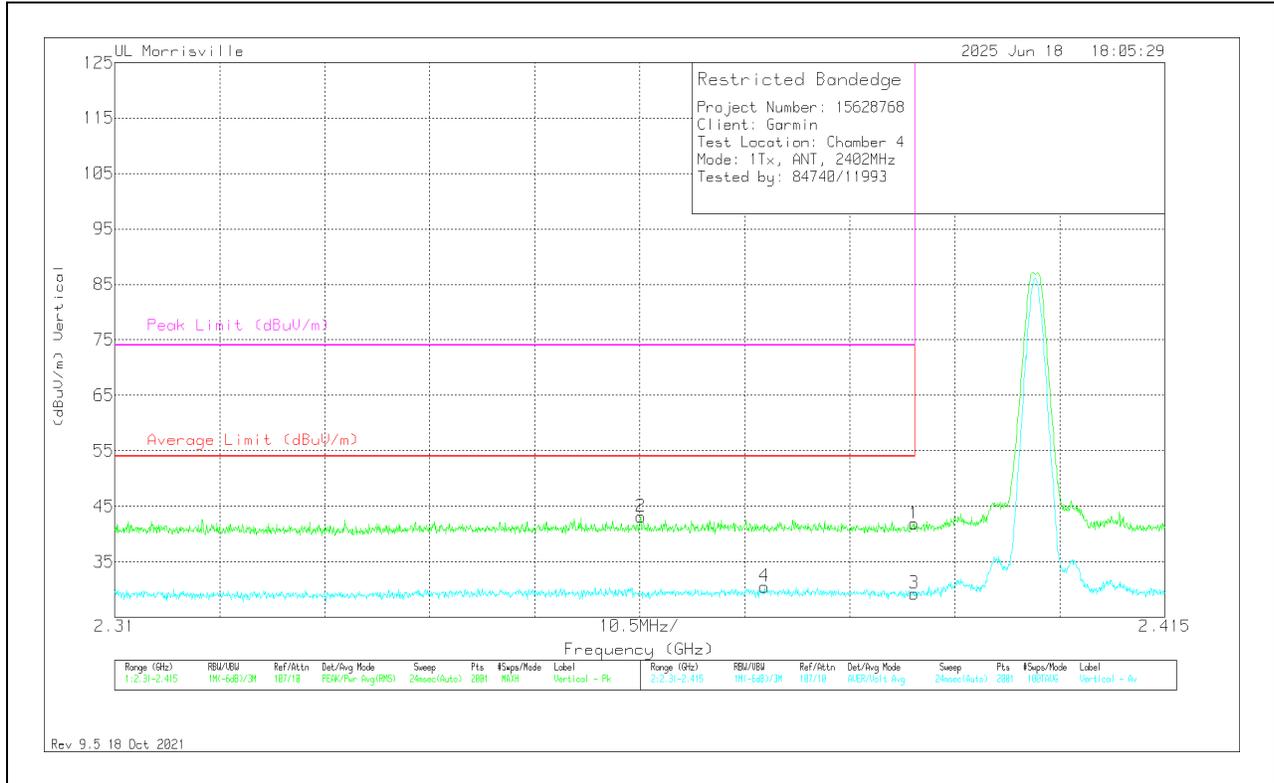
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	33.03	Pk	32	-23.2	41.83	-	-	74	-32.17	9	150	V
2	* ** 2.36261	34.19	Pk	31.9	-23	43.09	-	-	74	-30.91	9	150	V
3	* ** 2.38996	20.45	ADV	32	-23.2	29.25	54	-24.75	-	-	9	150	V
4	* ** 2.37494	21.52	ADV	31.9	-22.9	30.52	54	-23.48	-	-	9	150	V

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

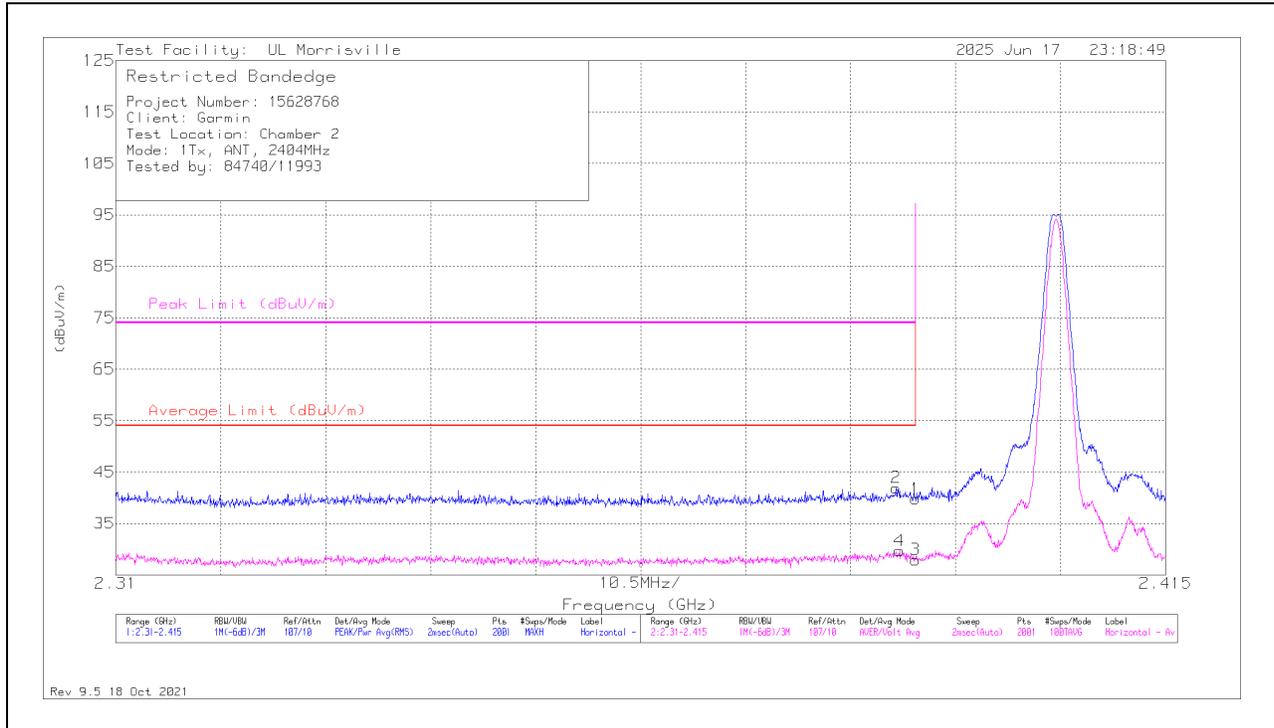
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (LOW CHANNEL, 2404 MHz)

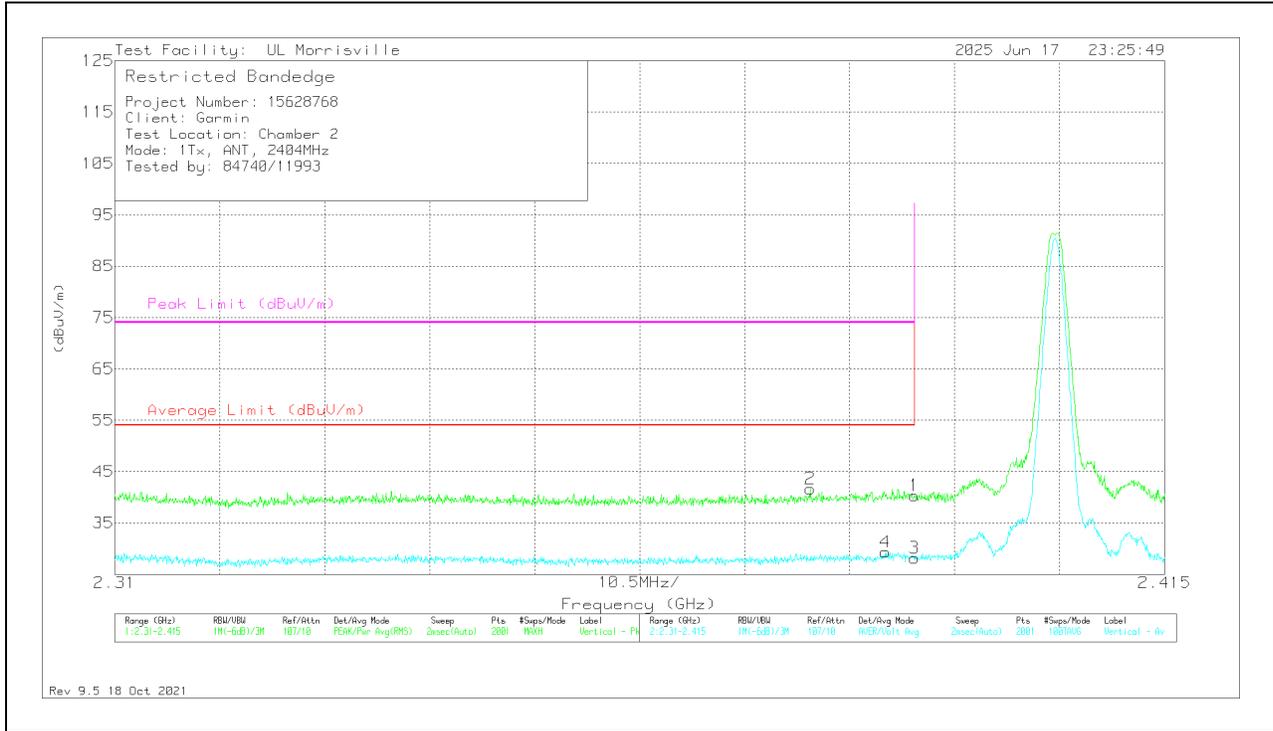
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	32.58	Pk	32.3	-25.1	39.78	-	-	74	-34.22	232	289	H
2	*** 2.38802	34.63	Pk	32.3	-25	41.93	-	-	74	-32.07	232	289	H
3	*** 2.38996	20.75	ADV	32.3	-25.1	27.95	54	-26.05	-	-	232	289	H
4	*** 2.38838	22.39	ADV	32.3	-25	29.69	54	-24.31	-	-	232	289	H

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

VERTICAL RESULT

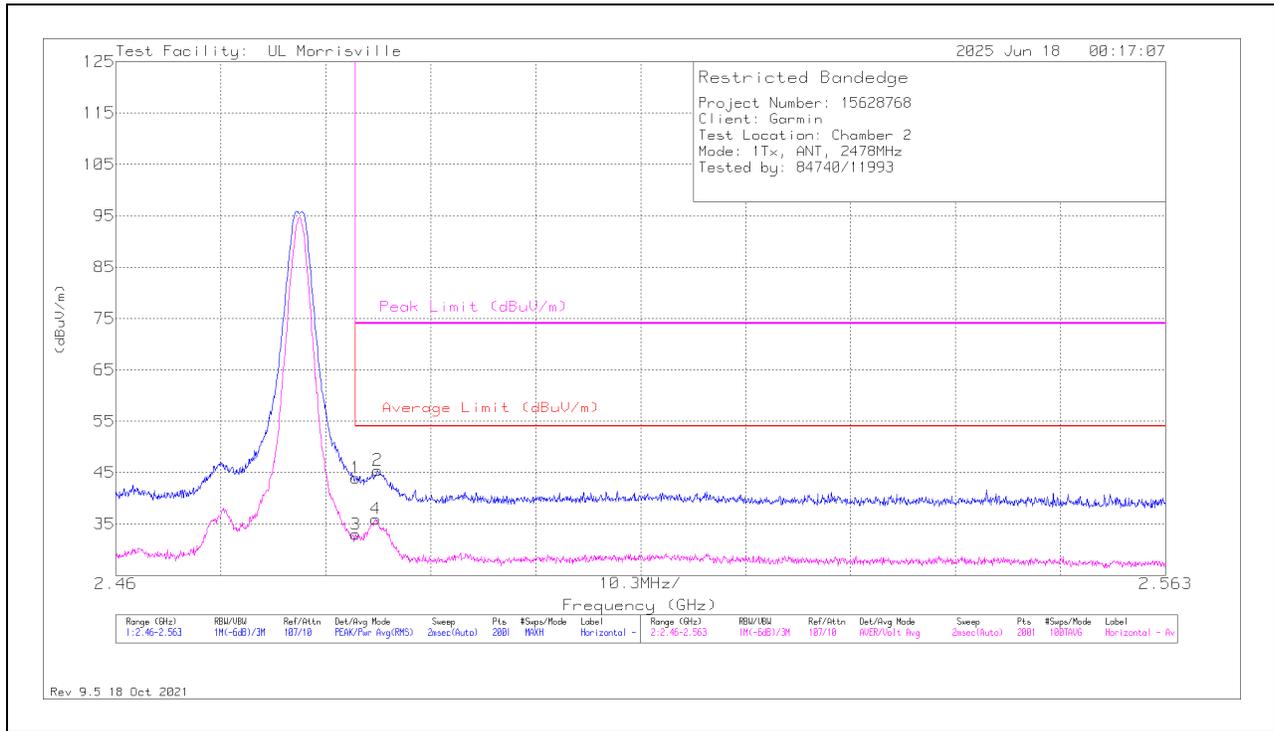


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.13	Pk	32.3	-25.1	40.33	-	-	74	-33.67	298	256	V
2	*** 2.37956	34.68	Pk	32.2	-25.2	41.68	-	-	74	-32.32	298	256	V
3	** 2.38996	20.96	ADV	32.3	-25.1	28.16	54	-25.84	-	-	298	256	V
4	*** 2.38707	22.04	ADV	32.2	-24.9	29.34	54	-24.66	-	-	298	256	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	86408 (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	36.95	Pk	32.5	-25.5	43.95	-	-	74	-30.05	271	108	H
2	*** 2.4857	38.55	Pk	32.5	-25.6	45.45	-	-	74	-28.55	271	108	H
3	*** 2.48354	25.98	ADV	32.5	-25.5	32.98	54	-21.02	-	-	271	108	H
4	*** 2.48549	29.07	ADV	32.5	-25.6	35.97	54	-18.03	-	-	271	108	H

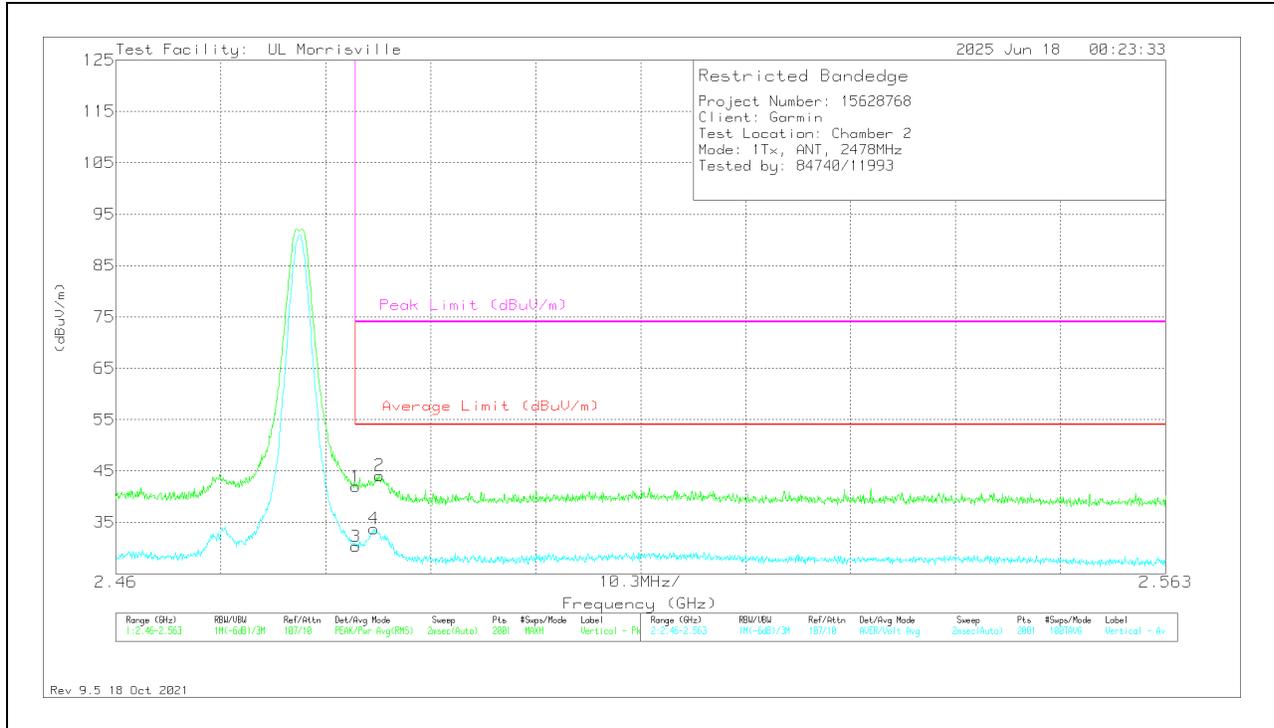
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV – Linear Voltage Average

VERTICAL RESULT

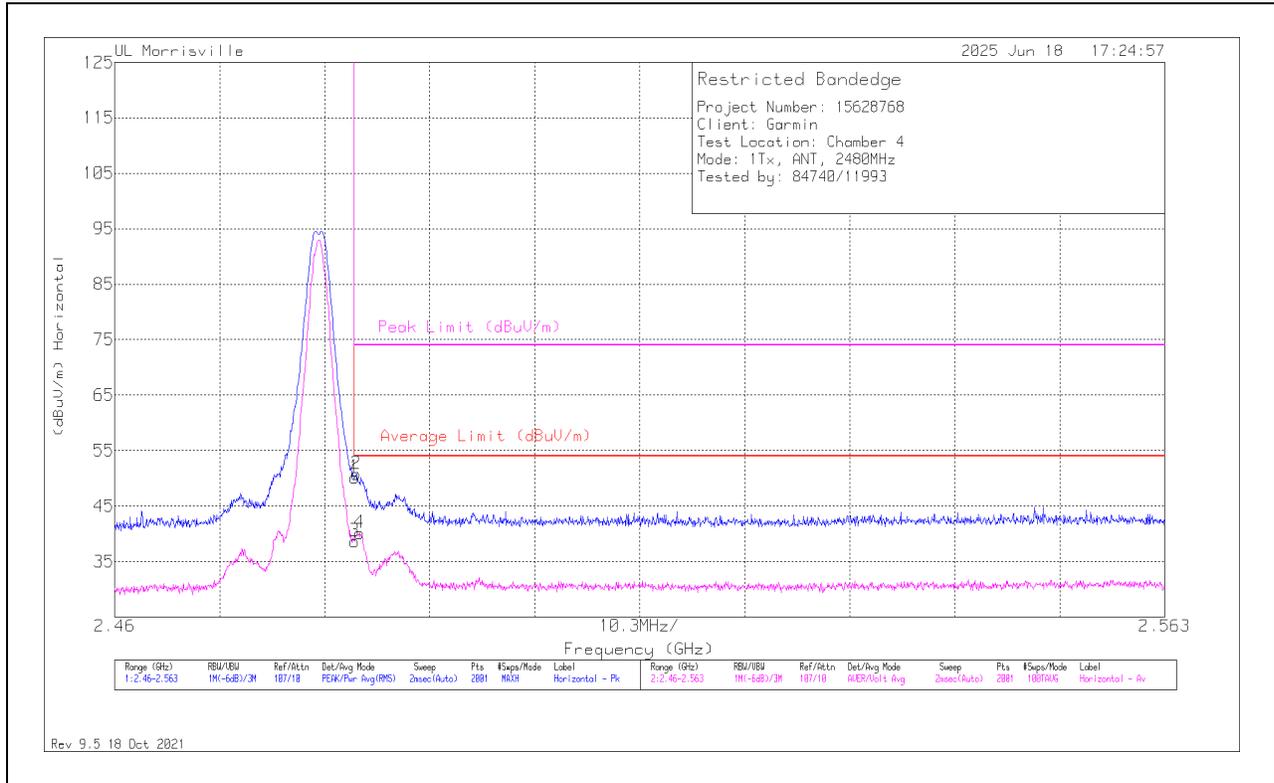


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	35	Pk	32.5	-25.5	42	-	-	74	-32	11	115	V
2	*** 2.48585	37.31	Pk	32.5	-25.7	44.11	-	-	74	-29.89	11	115	V
3	*** 2.48354	23.31	ADV	32.5	-25.5	30.31	54	-23.69	-	-	11	115	V
4	*** 2.48534	26.87	ADV	32.5	-25.6	33.77	54	-20.23	-	-	11	115	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	206211 (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	40.65	Pk	32.3	-22.8	50.15	-	-	74	-23.85	199	209	H
2	*** 2.48369	41.28	Pk	32.3	-22.8	50.78	-	-	74	-23.22	199	209	H
3	*** 2.48354	29.09	ADV	32.3	-22.8	38.59	54	-15.41	-	-	199	209	H
4	*** 2.48405	30.6	ADV	32.3	-22.8	40.1	54	-13.9	-	-	199	209	H

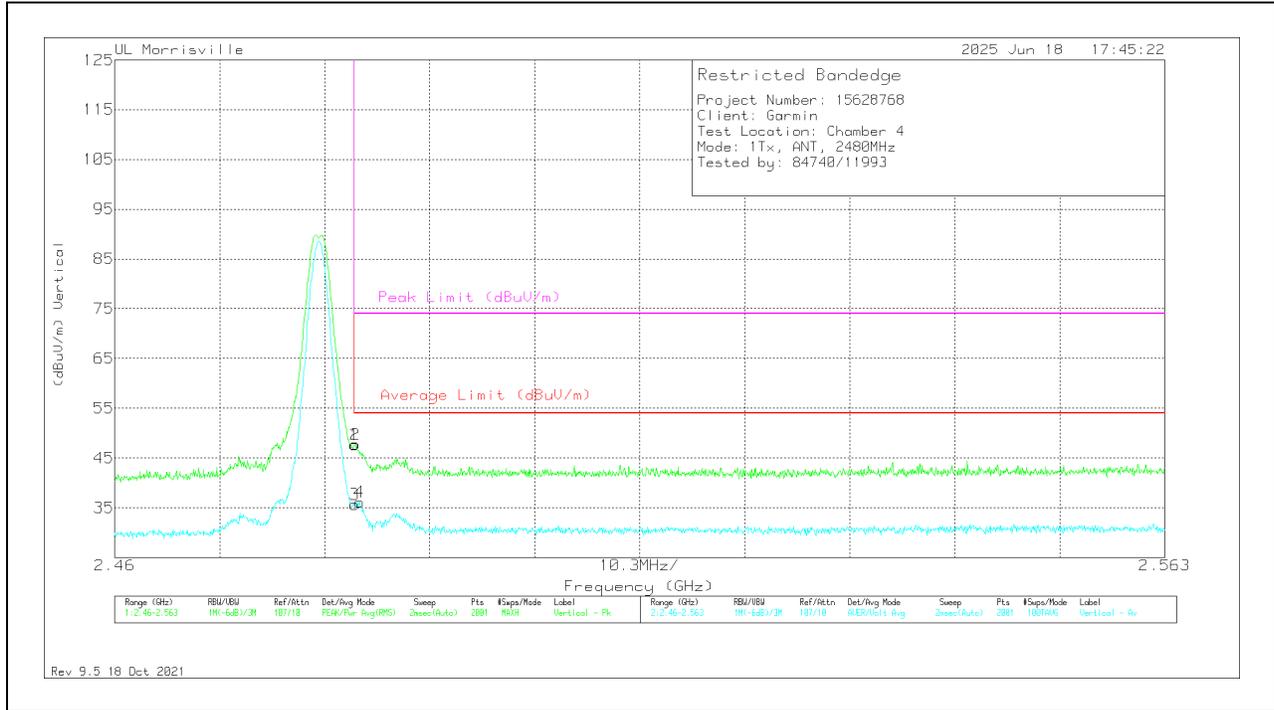
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

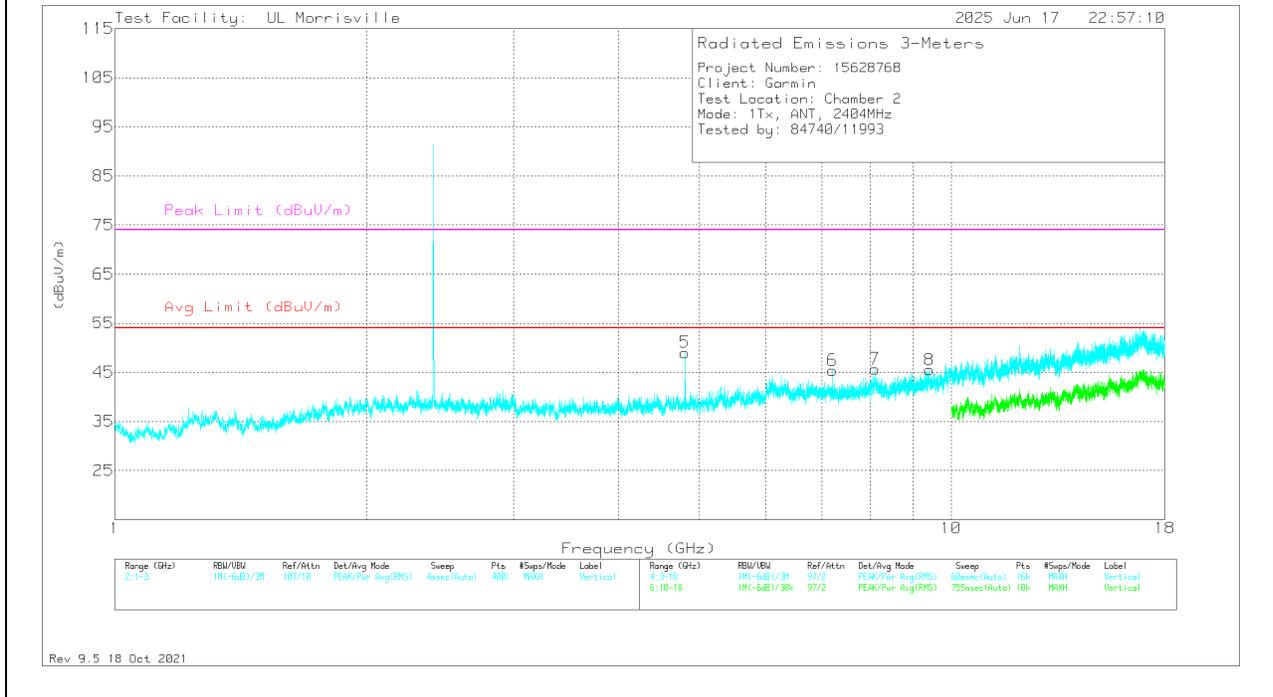
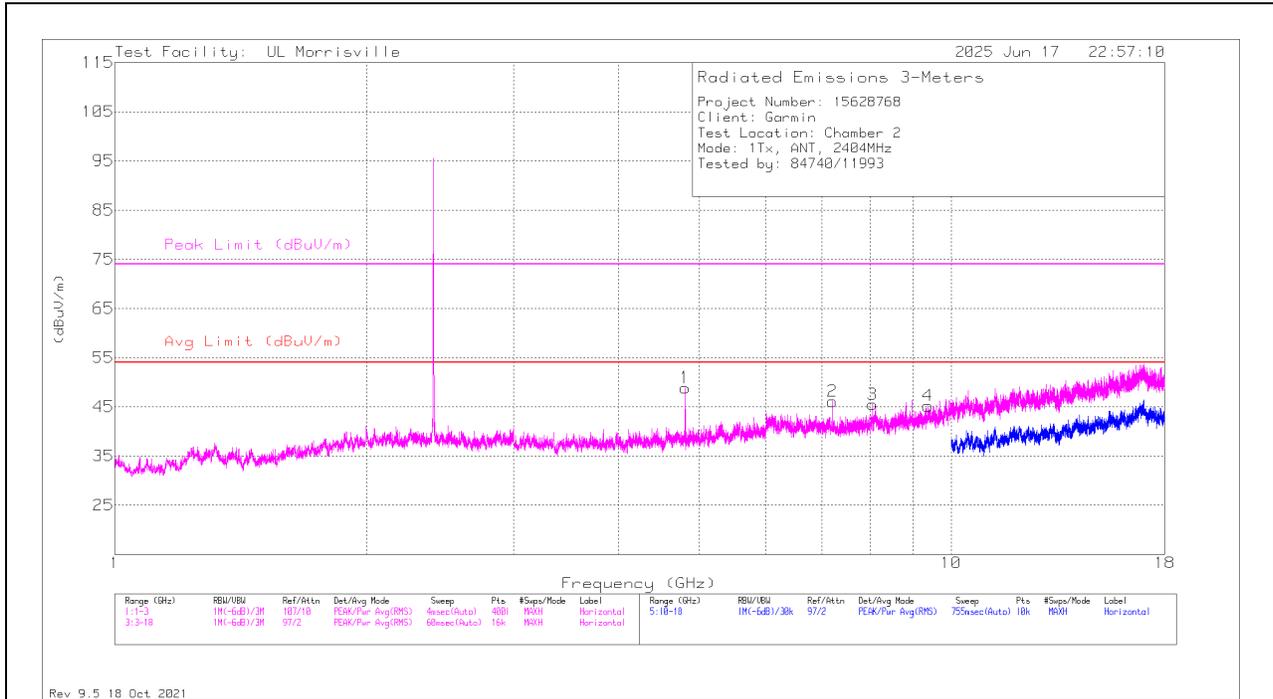


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	38.16	Pk	32.3	-22.8	47.66	-	-	74	-26.34	252	243	V
2	* ** 2.48359	38.22	Pk	32.3	-22.8	47.72	-	-	74	-26.28	252	243	V
3	* ** 2.48354	26.18	ADV	32.3	-22.8	35.68	54	-18.32	-	-	252	243	V
4	* ** 2.484	26.66	ADV	32.3	-22.8	36.16	54	-17.84	-	-	252	243	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



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	*** 4.80842	46.51	PK2	34.2	-45.6	35.11	-	-	74	-38.89	337	110	H
	*** 4.8081	52.39	ADV	34.2	-45.6	40.99	54	-13.01	-	-	337	110	H
3	*** 8.05594	50.98	Pk	35.8	-41.3	45.48	54	-8.52	74	-28.52	0-360	101	H
4	*** 9.37875	49.92	Pk	36.2	-40.9	45.22	54	-8.78	74	-28.78	0-360	101	H
5	*** 4.80751	63.66	PK2	34.2	-45.5	52.36	-	-	74	-21.64	167	256	V
	*** 4.80834	51.18	ADV	34.2	-45.6	39.78	54	-14.22	-	-	167	256	V
7	*** 8.11219	50.98	Pk	35.8	-41.1	45.68	54	-8.32	74	-28.32	0-360	200	V
8	*** 9.41438	50.38	Pk	36.2	-41.1	45.48	54	-8.52	74	-28.52	0-360	200	V
6	7.21125	52.49	Pk	35.6	-42.7	45.39	-	-	-	-	0-360	101	V
2	7.21219	53.2	Pk	35.6	-42.7	46.1	-	-	-	-	0-360	200	H

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

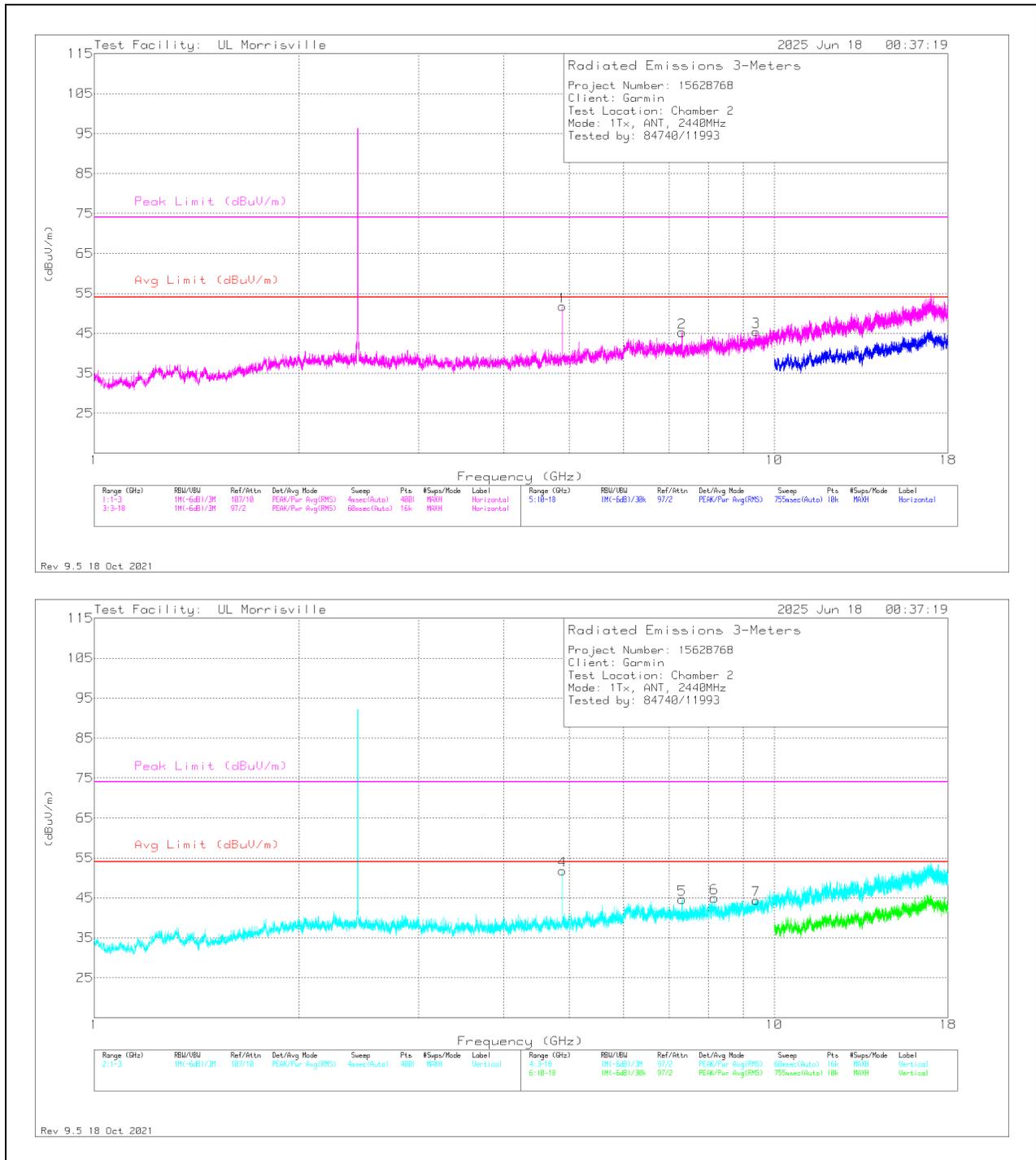
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL, 2440 MHz, RESULTS



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	*** 4.87953	65.44	PK2	34.1	-44.4	55.14	-	-	74	-18.86	285	133	H
	*** 4.87967	52.72	ADV	34.1	-44.4	42.42	54	-11.58	-	-	285	133	H
2	*** 7.31906	52.82	Pk	35.6	-43.2	45.22	54	-8.78	74	-28.78	0-360	199	H
3	*** 9.40594	49.72	Pk	36.2	-40.5	45.42	54	-8.58	74	-28.58	0-360	199	H
4	*** 4.88047	65.49	PK2	34.1	-44.5	55.09	-	-	74	-18.91	151	232	V
	*** 4.87936	52.93	ADV	34.1	-44.4	42.63	54	-11.37	-	-	151	232	V
5	*** 7.32	52.33	Pk	35.6	-43.3	44.63	54	-9.37	74	-29.37	0-360	199	V
6	*** 8.15906	51.15	Pk	35.8	-42	44.95	54	-9.05	74	-29.05	0-360	199	V
7	*** 9.40875	48.72	Pk	36.2	-40.5	44.42	54	-9.58	74	-29.58	0-360	199	V

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

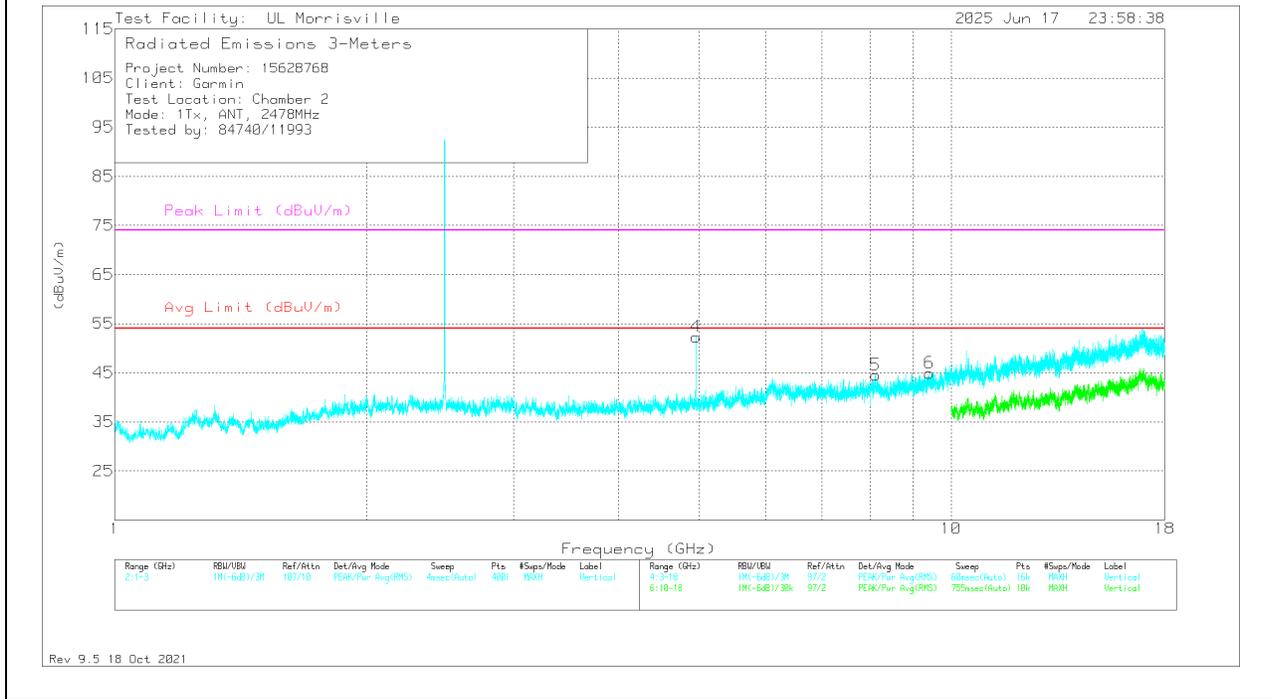
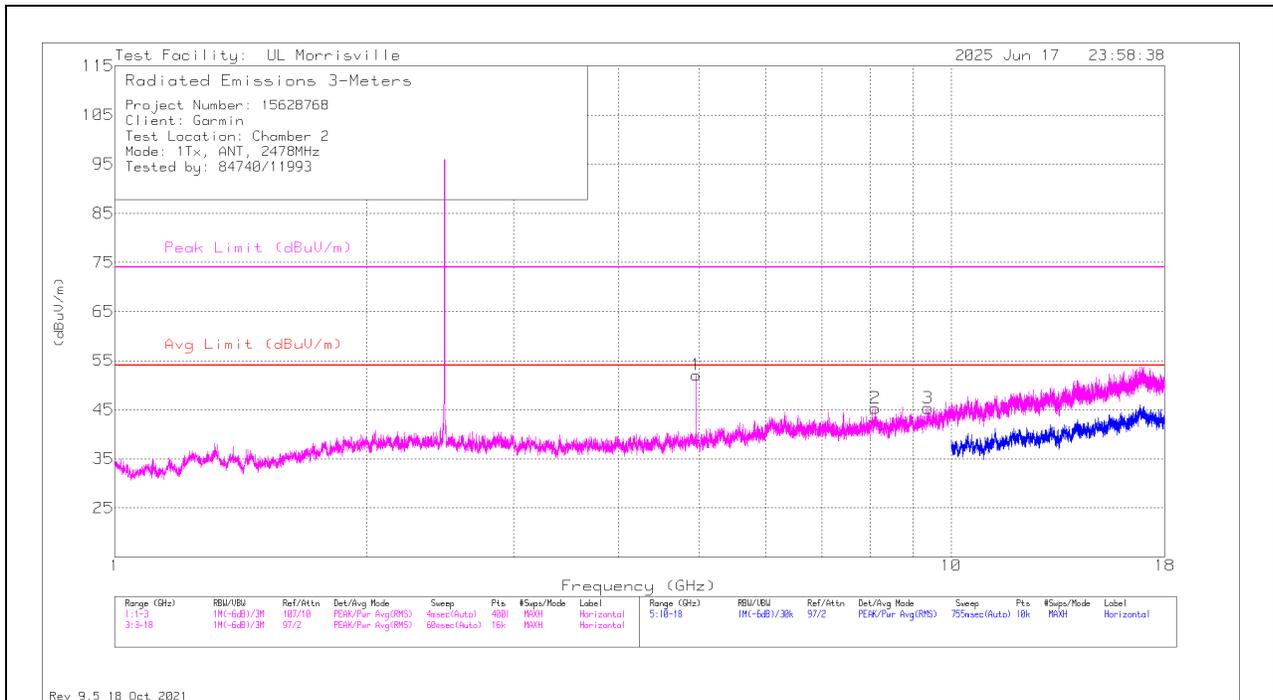
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, 2478 MHz, RESULTS



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	*** 4.95652	65.61	PK2	34	-45.4	54.21	-	-	74	-19.79	304	115	H
	*** 4.9564	54.6	ADV	34	-45.4	43.2	54	-10.8	-	-	304	115	H
2	*** 8.115	50.61	Pk	35.8	-41.1	45.31	54	-8.69	74	-28.69	0-360	200	H
3	*** 9.37875	50.04	Pk	36.2	-40.9	45.34	54	-8.66	74	-28.66	0-360	101	H
4	*** 4.95653	66.21	PK2	34	-45.4	54.81	-	-	74	-19.19	152	211	V
	*** 4.95572	54.27	ADV	34	-45.4	42.87	54	-11.13	-	-	152	211	V
5	*** 8.12063	50	Pk	35.8	-41.3	44.5	54	-9.5	74	-29.5	0-360	199	V
6	*** 9.41813	50.23	Pk	36.2	-41.5	44.93	54	-9.07	74	-29.07	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

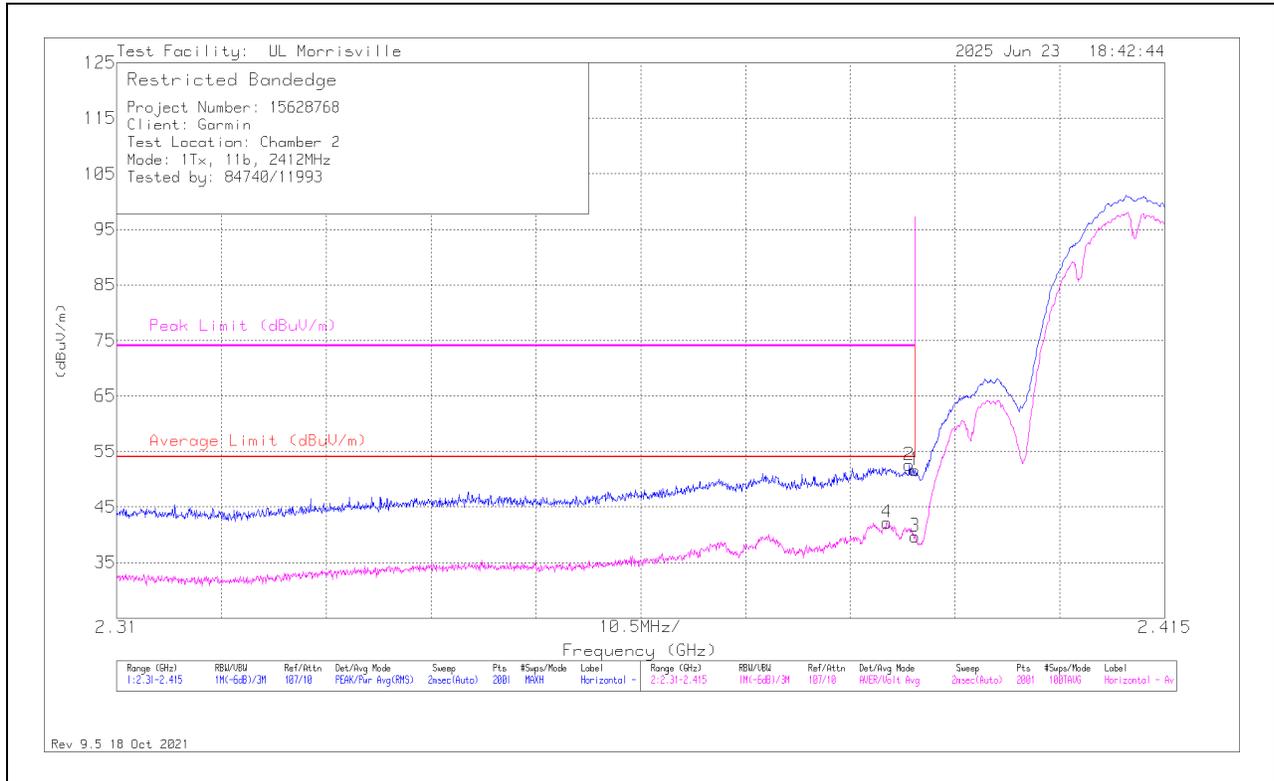
PK2 - Maximum Peak

ADV - Linear Voltage Average

10.2.4. 2.4 WLAN 802.11b MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	44.43	Pk	32.3	-25.1	51.63	-	-	74	-22.37	195	178	H
2	*** 2.38938	45.28	Pk	32.3	-25	52.58	-	-	74	-21.42	195	178	H
3	*** 2.38996	32.49	ADV	32.3	-25.1	39.69	54	-14.31	-	-	195	178	H
4	*** 2.38718	34.9	ADV	32.2	-24.9	42.2	54	-11.8	-	-	195	178	H

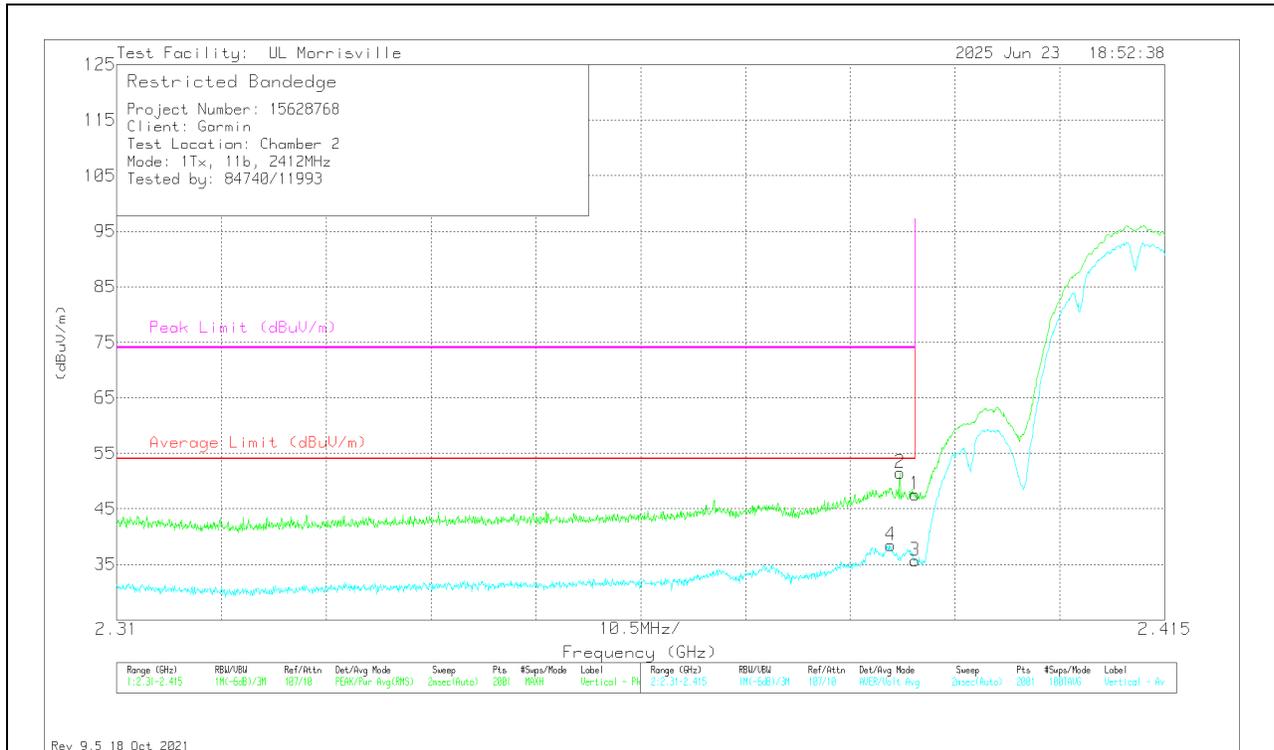
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	40.44	Pk	32.3	-25.1	47.64	-	-	74	-26.36	320	178	V
2	*** 2.38849	44.22	Pk	32.3	-25	51.52	-	-	74	-22.48	320	178	V
3	*** 2.38996	28.49	ADV	32.3	-25.1	35.69	54	-18.31	-	-	320	178	V
4	*** 2.38754	31.19	ADV	32.3	-25	38.49	54	-15.51	-	-	320	178	V

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

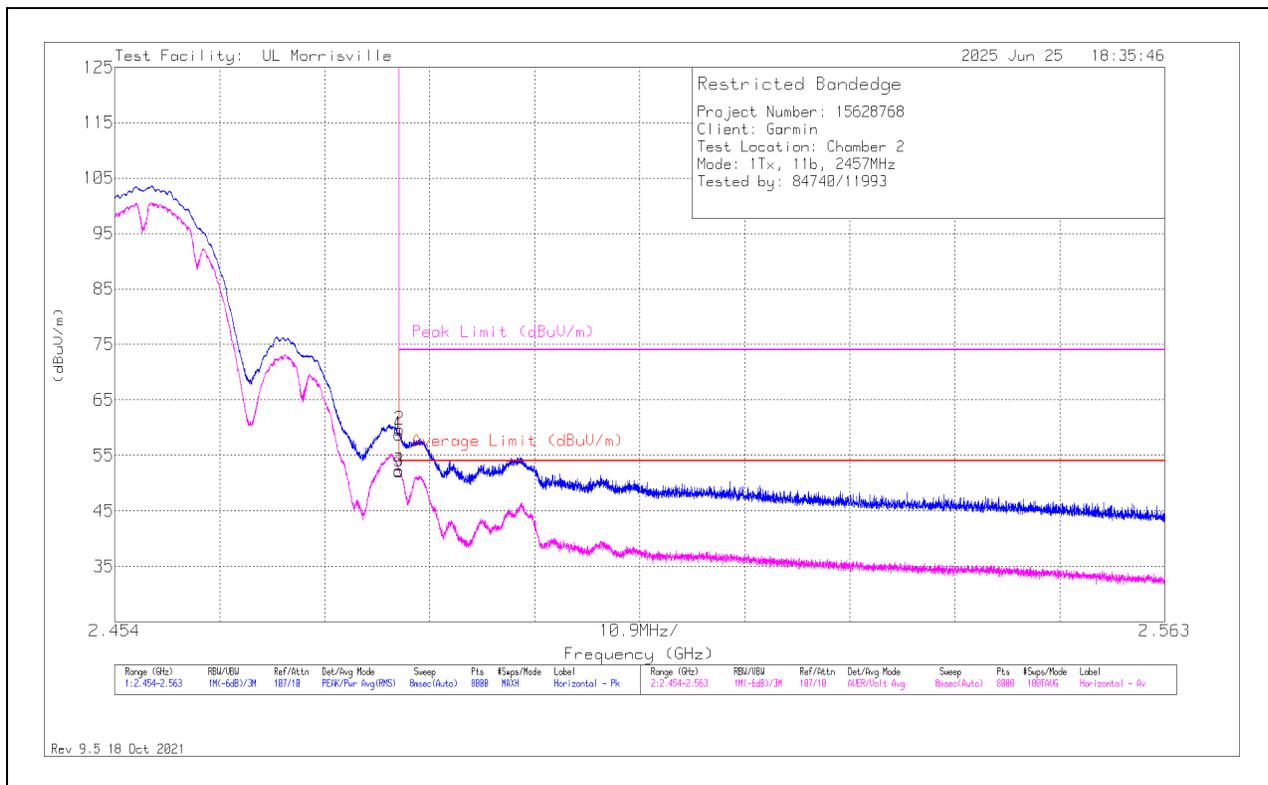
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	*** 2.4835	51.79	Pk	32.5	-25.5	58.79	-	-	74	-15.21	202	244	H
2	*** 2.48358	52.68	Pk	32.5	-25.5	59.68	-	-	74	-14.32	202	244	H
3	*** 2.4835	45.19	ADV	32.5	-25.5	52.19	54	-1.81	-	-	202	244	H
4	*** 2.48352	45.29	ADV	32.5	-25.5	52.29	54	-1.71	-	-	202	244	H

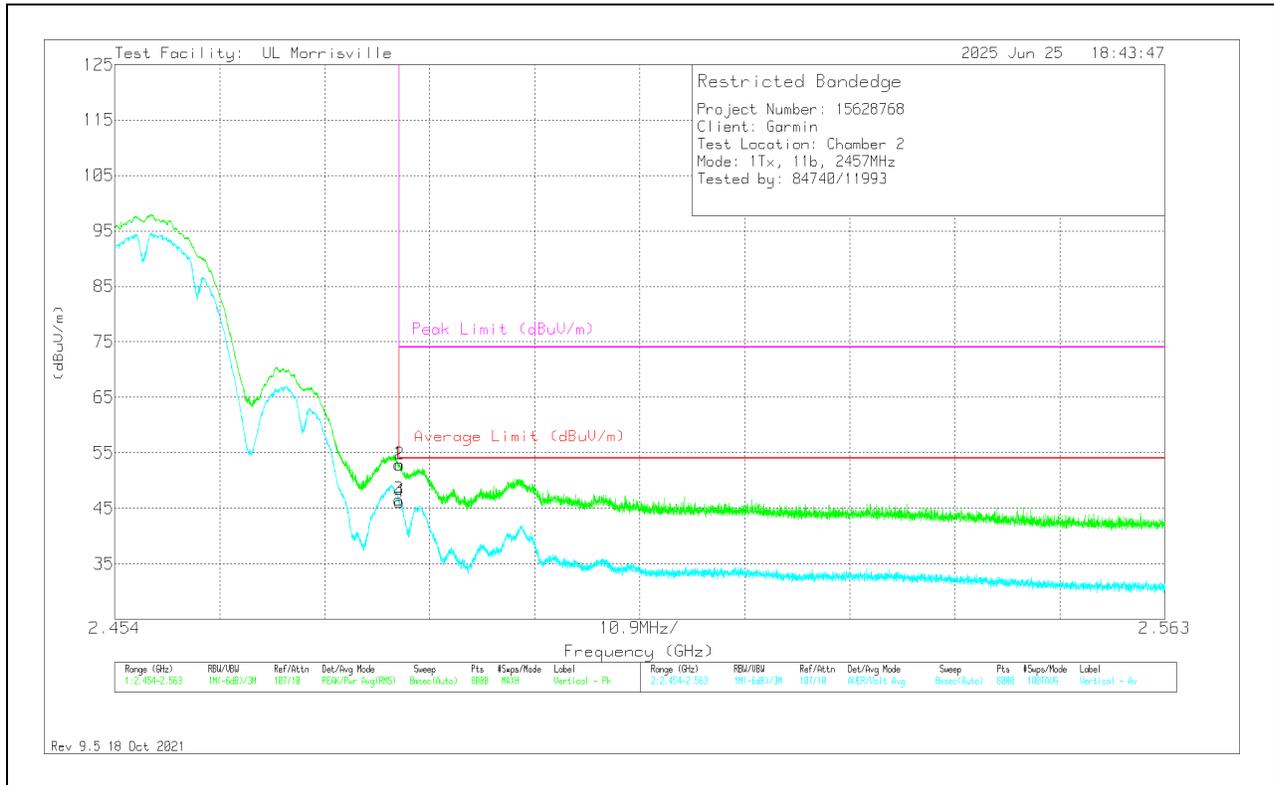
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	45.87	Pk	32.5	-25.5	52.87	-	-	74	-21.13	268	204	V
2	*** 2.4836	45.85	Pk	32.5	-25.5	52.85	-	-	74	-21.15	268	204	V
3	*** 2.4835	39.48	ADV	32.5	-25.5	46.48	54	-7.52	-	-	268	204	V
4	*** 2.48356	39.13	ADV	32.5	-25.5	46.13	54	-7.87	-	-	268	204	V

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

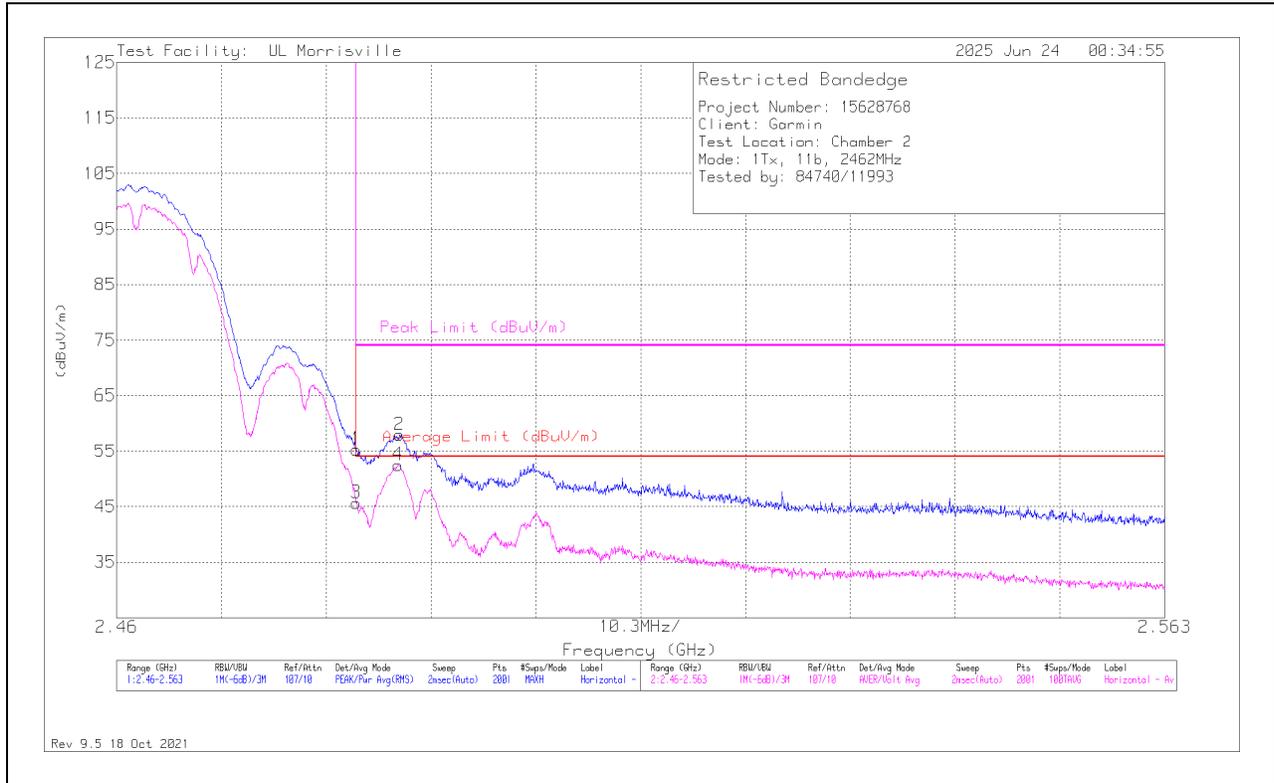
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	48.28	Pk	32.5	-25.5	55.28	-	-	74	-18.72	192	153	H
2	*** 2.48776	51.23	Pk	32.5	-25.8	57.93	-	-	74	-16.07	192	153	H
3	*** 2.48354	38.67	ADV	32.5	-25.5	45.67	54	-8.33	-	-	192	152	H
4	*** 2.48766	45.8	ADV	32.5	-25.8	52.5	54	-1.5	-	-	192	152	H

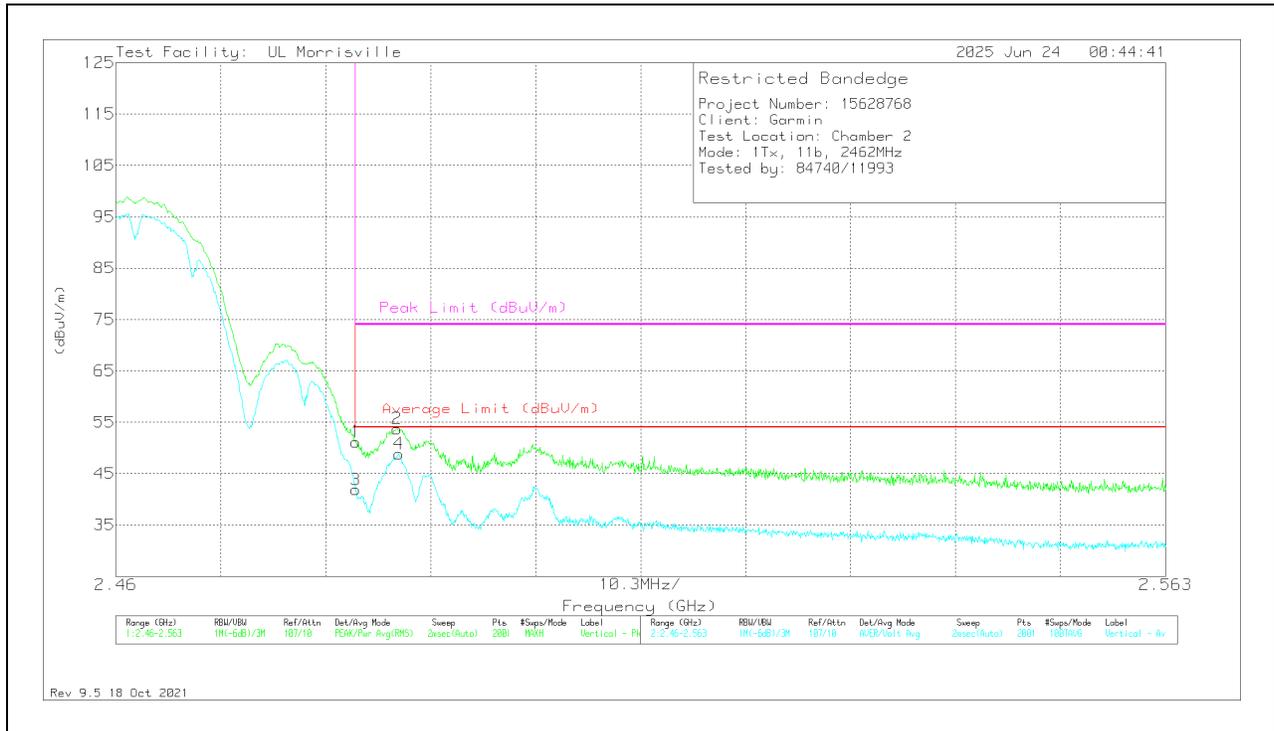
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	44.14	Pk	32.5	-25.5	51.14	-	-	74	-22.86	305	156	V
2	*** 2.4876	47.04	Pk	32.5	-25.8	53.74	-	-	74	-20.26	305	156	V
3	*** 2.48354	34.86	ADV	32.5	-25.5	41.86	54	-12.14	-	-	305	156	V
4	*** 2.48776	42.16	ADV	32.5	-25.8	48.86	54	-5.14	-	-	305	156	V

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

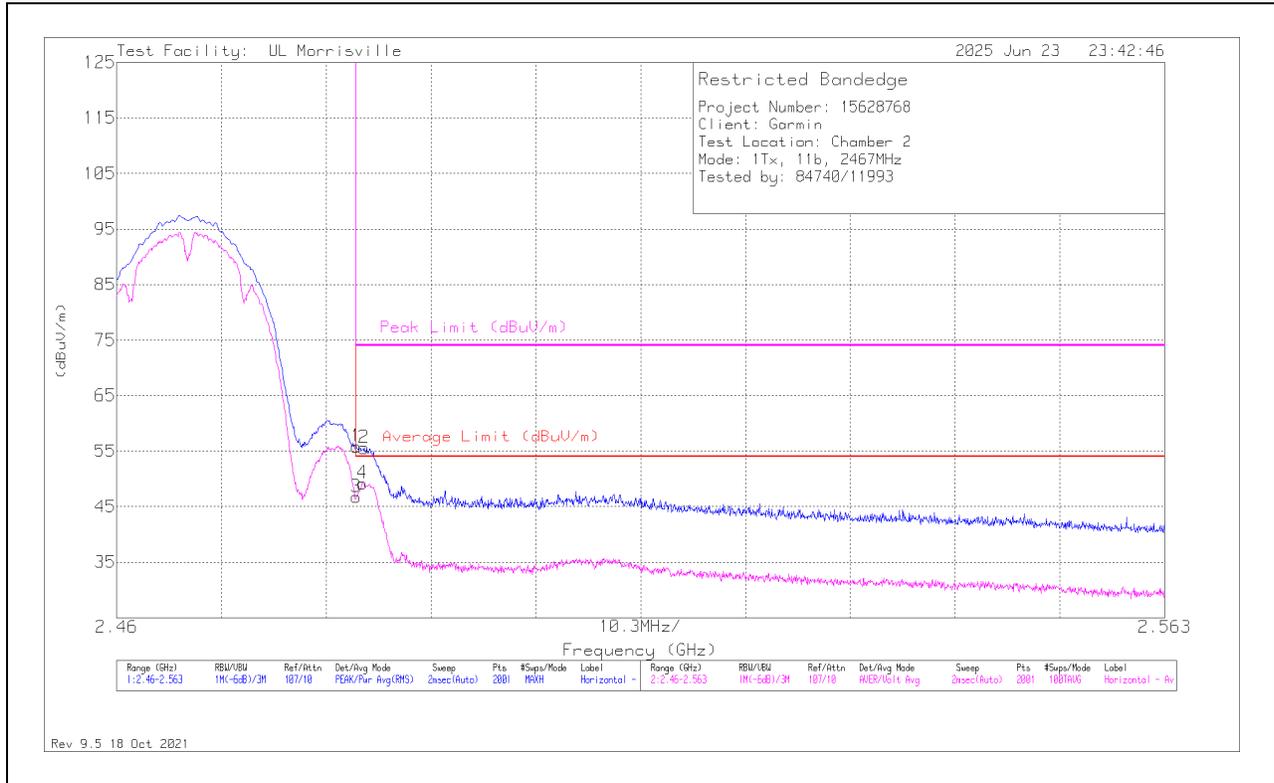
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 12)

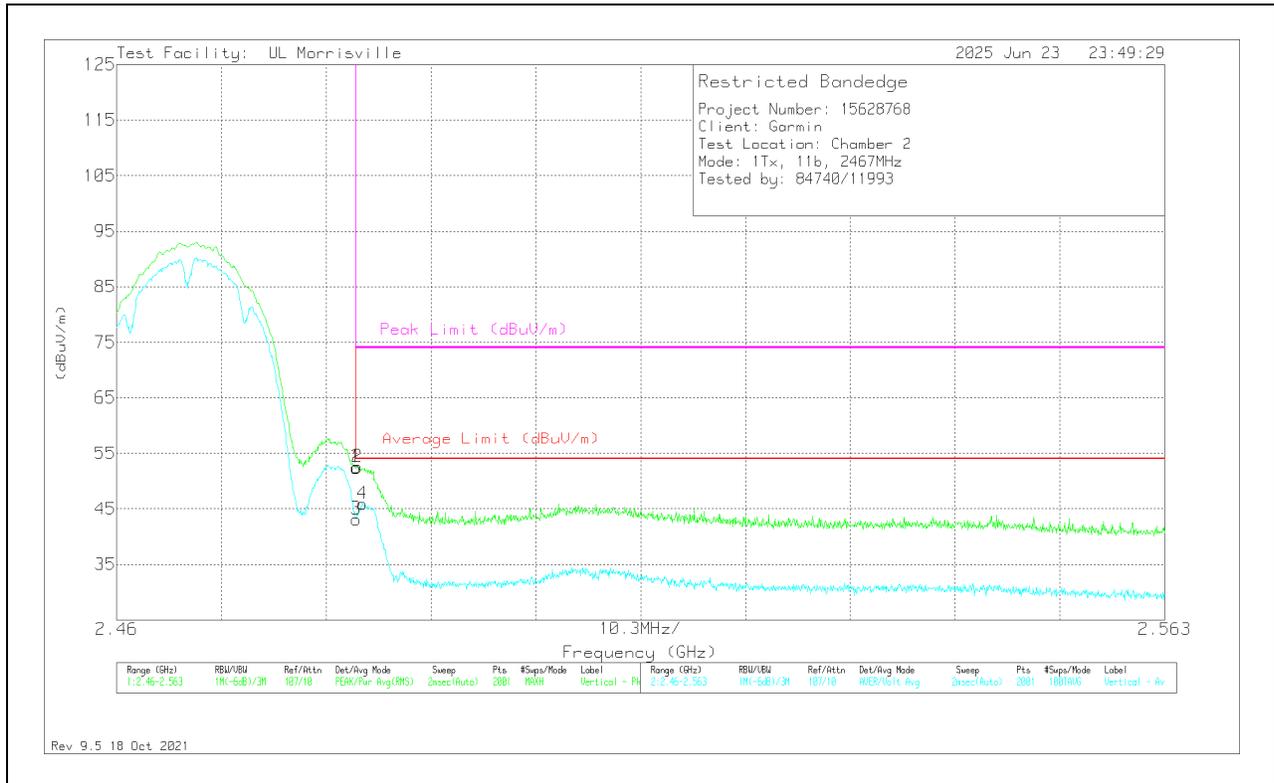
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	48.83	Pk	32.5	-25.5	55.83	-	-	74	-18.17	194	176	H
2	*** 2.48431	48.69	Pk	32.5	-25.6	55.59	-	-	74	-18.41	194	176	H
3	*** 2.48354	39.73	ADV	32.5	-25.5	46.73	54	-7.27	-	-	194	176	H
4	*** 2.48415	42.3	ADV	32.5	-25.6	49.2	54	-4.8	-	-	194	176	H

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

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	45.43	Pk	32.5	-25.5	52.43	-	-	74	-21.57	306	200	V
2	* ** 2.48364	45.55	Pk	32.5	-25.5	52.55	-	-	74	-21.45	306	200	V
3	* ** 2.48354	36.13	ADV	32.5	-25.5	43.13	54	-10.87	-	-	306	199	V
4	* ** 2.48415	38.98	ADV	32.5	-25.6	45.88	54	-8.12	-	-	306	199	V

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

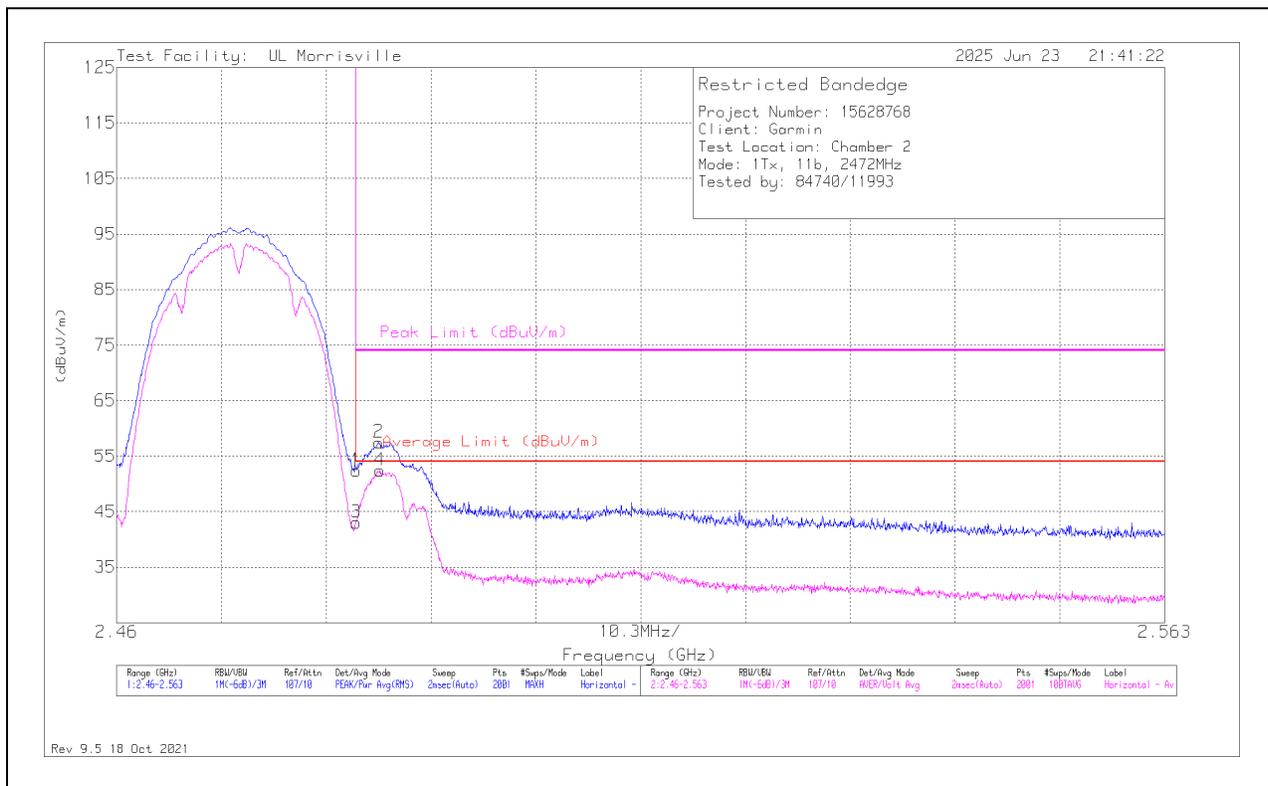
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	45.42	Pk	32.5	-25.5	52.42	-	-	74	-21.58	196	214	H
2	*** 2.48575	50.7	Pk	32.5	-25.7	57.5	-	-	74	-16.5	196	214	H
3	*** 2.48354	36.06	ADV	32.5	-25.5	43.06	54	-10.94	-	-	196	214	H
4	*** 2.48585	45.63	ADV	32.5	-25.7	52.43	54	-1.57	-	-	196	214	H

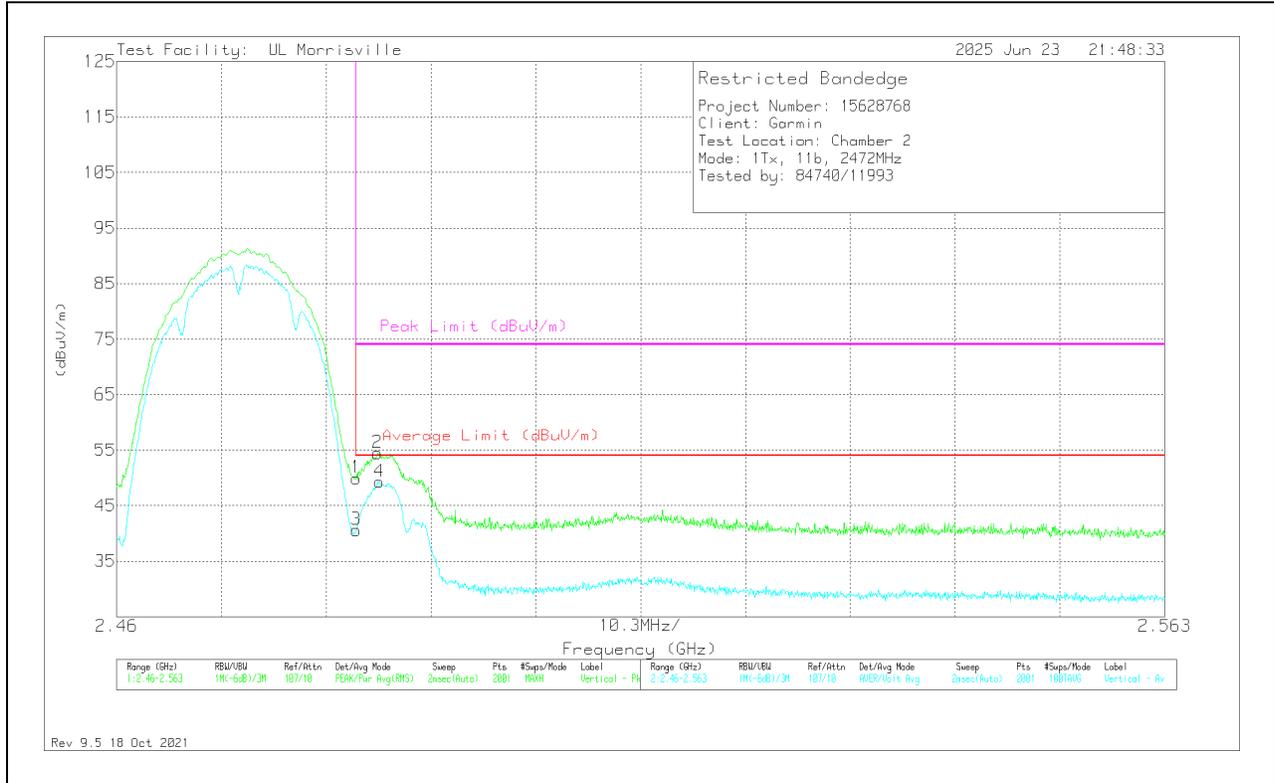
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	42.96	Pk	32.5	-25.5	49.96	-	-	74	-24.04	315	204	V
2	*** 2.48565	47.58	Pk	32.5	-25.6	54.48	-	-	74	-19.52	315	204	V
3	*** 2.48354	33.61	ADV	32.5	-25.5	40.61	54	-13.39	-	-	315	204	V
4	*** 2.4858	42.49	ADV	32.5	-25.7	49.29	54	-4.71	-	-	315	204	V

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

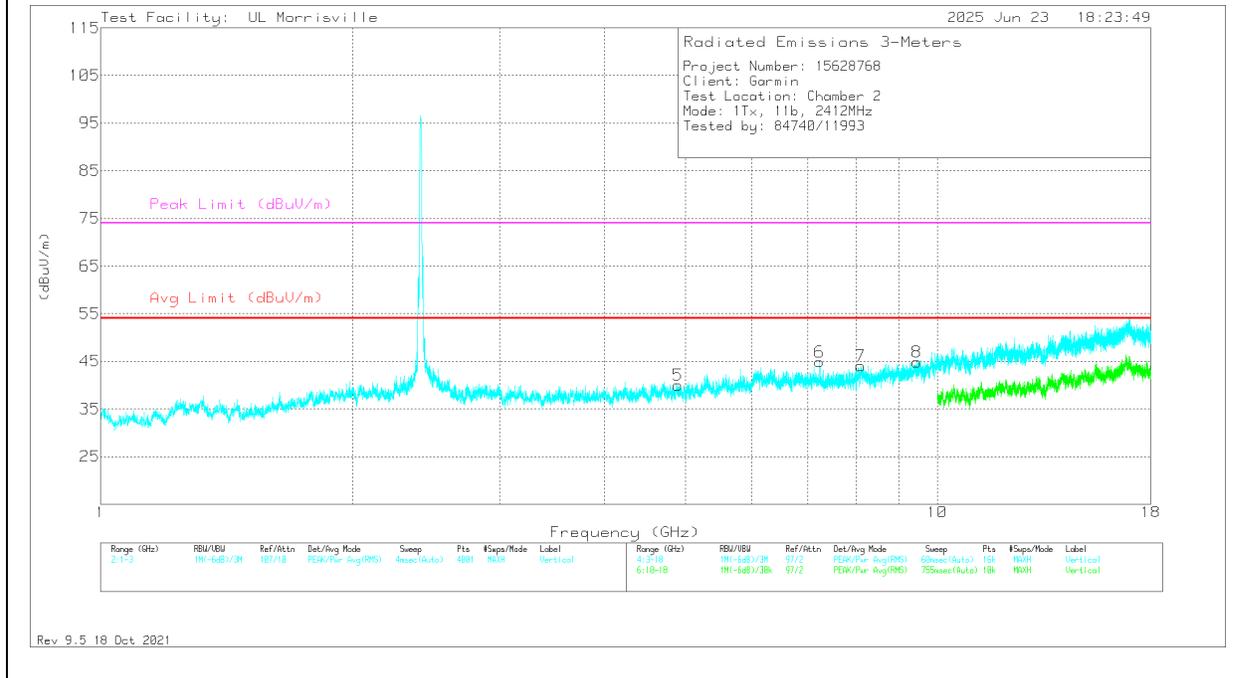
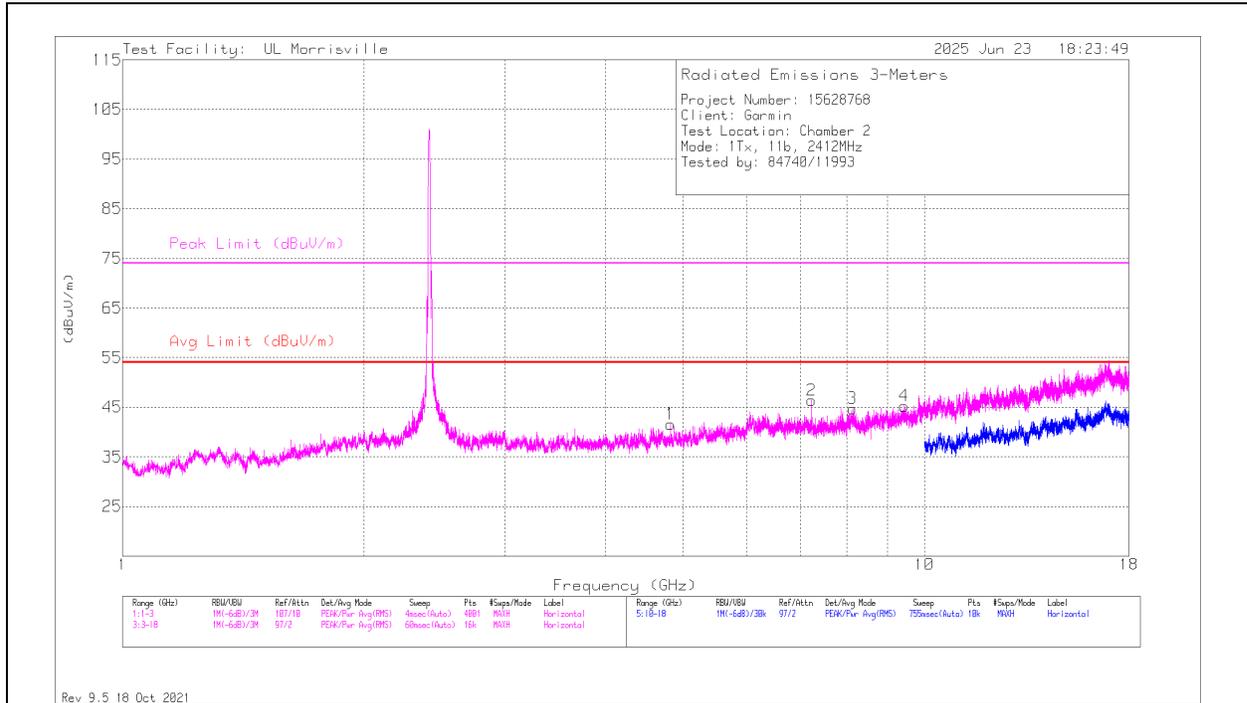
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



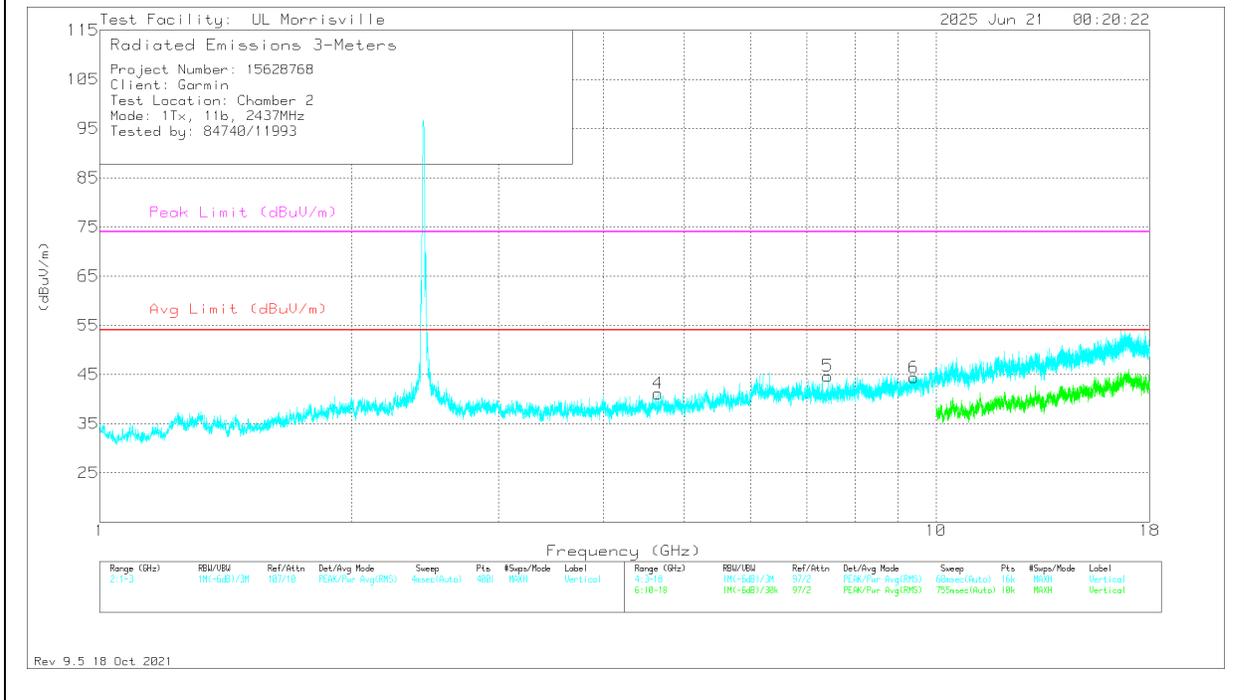
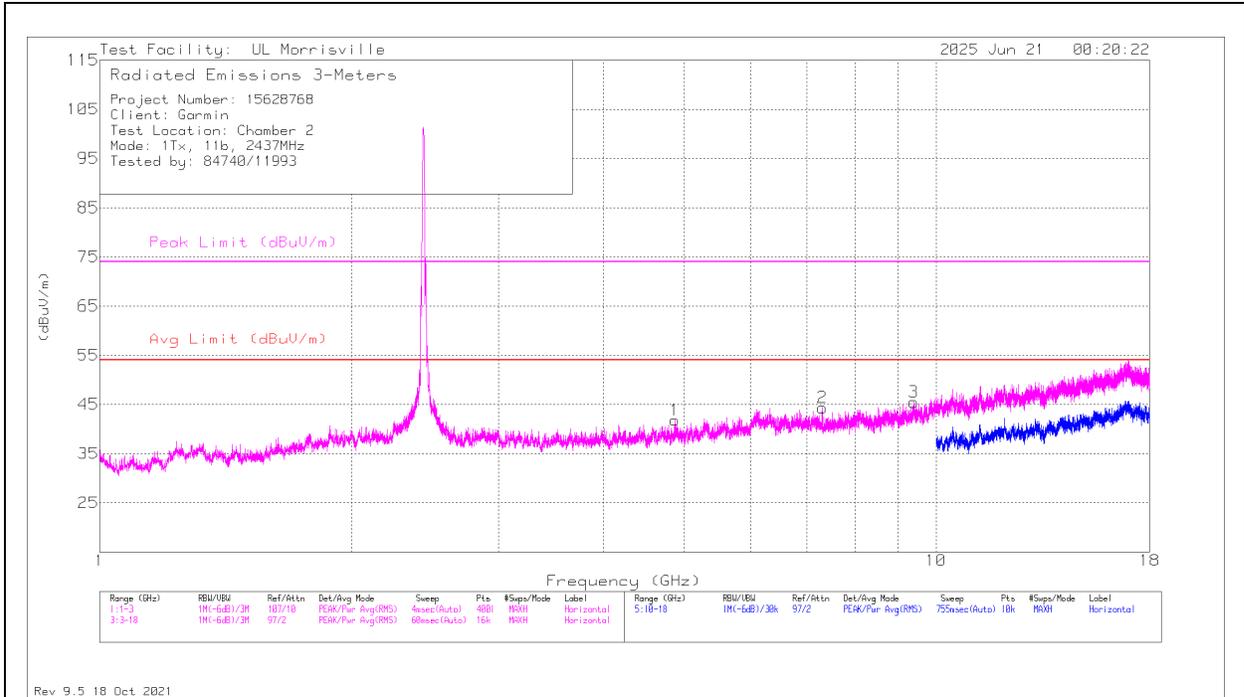
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.82344	52.82	Pk	34.2	-45.5	41.52	54	-12.48	74	-32.48	0-360	101	H
3	* ** 8.13656	51.15	Pk	35.8	-42.2	44.75	54	-9.25	74	-29.25	0-360	199	H
4	* ** 9.44063	50.78	Pk	36.3	-41.8	45.28	54	-8.72	74	-28.72	0-360	101	H
5	* ** 4.89656	50.78	Pk	34.1	-44.9	39.98	54	-14.02	74	-34.02	0-360	199	V
7	* ** 8.10656	49.61	Pk	35.8	-41.3	44.11	54	-9.89	74	-29.89	0-360	199	V
8	* ** 9.44906	50.16	Pk	36.3	-41.6	44.86	54	-9.14	74	-29.14	0-360	199	V
2	7.23656	53.35	Pk	35.6	-42.6	46.35	54	-	-	-	0-360	101	H
6	7.23844	51.8	Pk	35.6	-42.5	44.9	54	-	-	-	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, CH 6 RESULTS



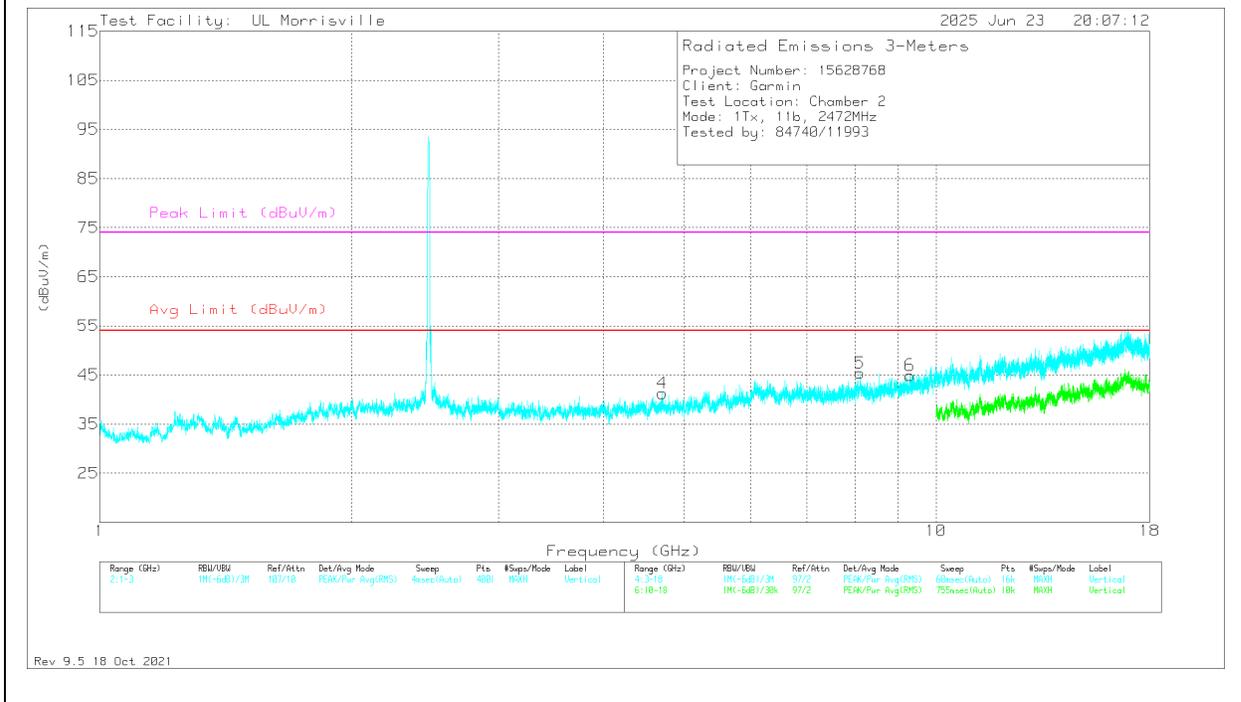
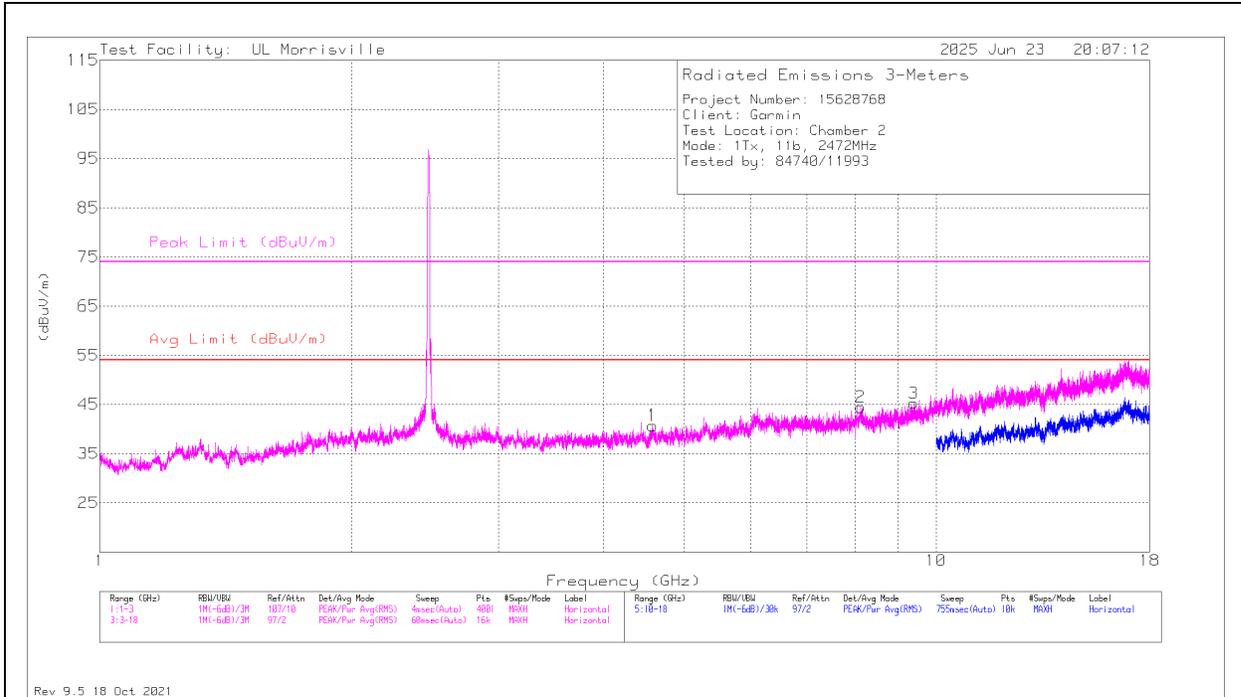
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.87406	52.21	Pk	34.1	-44.5	41.81	54	-12.19	74	-32.19	0-360	101	H
2	* ** 7.31156	51.42	Pk	35.6	-42.7	44.32	54	-9.68	74	-29.68	0-360	200	H
3	* ** 9.40688	49.67	Pk	36.2	-40.4	45.47	54	-8.53	74	-28.53	0-360	200	H
4	* ** 4.65094	52.54	Pk	34.1	-45.5	41.14	54	-12.86	74	-32.86	0-360	101	V
5	* ** 7.42219	51.35	Pk	35.6	-42.3	44.65	54	-9.35	74	-29.35	0-360	200	V
6	* ** 9.40219	48.95	Pk	36.2	-40.8	44.35	54	-9.65	74	-29.65	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

HIGH CHANNEL, CH 13 RESULTS



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	* ** 4.5825	51.61	Pk	34	-44.9	40.71	54	-13.29	74	-33.29	0-360	101	H
2	* ** 8.12063	49.96	Pk	35.8	-41.3	44.46	54	-9.54	74	-29.54	0-360	101	H
3	* ** 9.40969	49.65	Pk	36.2	-40.6	45.25	54	-8.75	74	-28.75	0-360	200	H
4	* ** 4.70813	51.98	Pk	34.1	-44.8	41.28	54	-12.72	74	-32.72	0-360	199	V
5	* ** 8.10844	50.77	Pk	35.8	-41.2	45.37	54	-8.63	74	-28.63	0-360	199	V
6	* ** 9.3075	49.49	Pk	36.1	-40.7	44.89	54	-9.11	74	-29.11	0-360	199	V

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

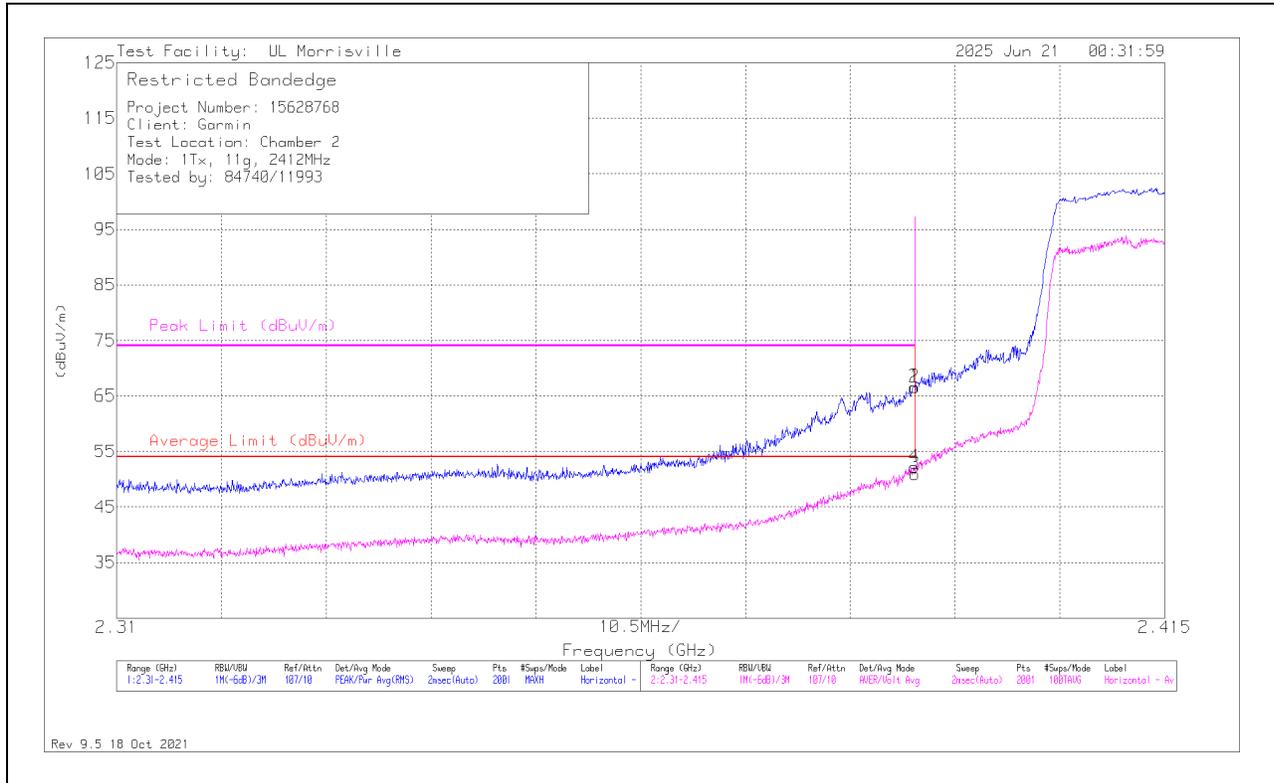
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2.5. 2.4 WLAN 802.11g MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	59.41	Pk	32.3	-25.1	66.61	-	-	74	-7.39	215	125	H
2	* ** 2.38991	59.3	Pk	32.3	-25	66.6	-	-	74	-7.4	215	125	H
3	* ** 2.38996	43.76	ADV	32.3	-25.1	50.96	54	-3.04	-	-	215	125	H
4	* ** 2.38991	44.89	ADV	32.3	-25	52.19	54	-1.81	-	-	215	125	H

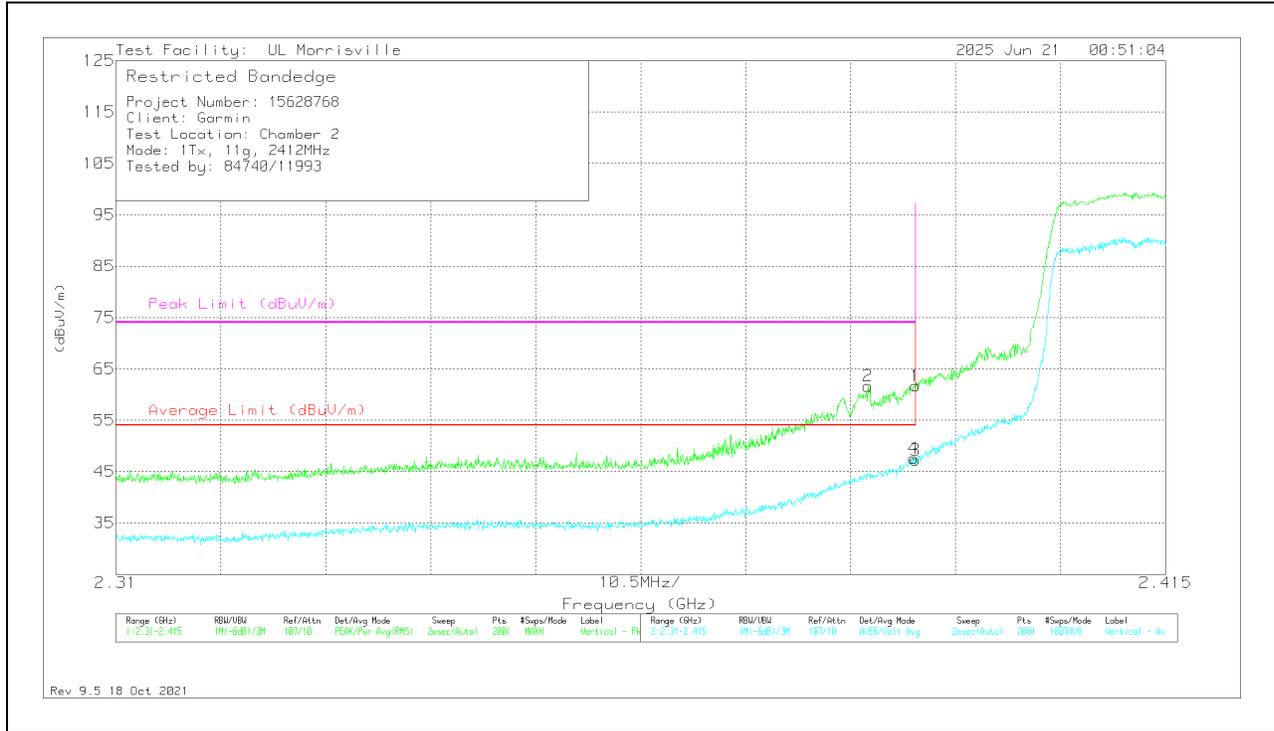
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

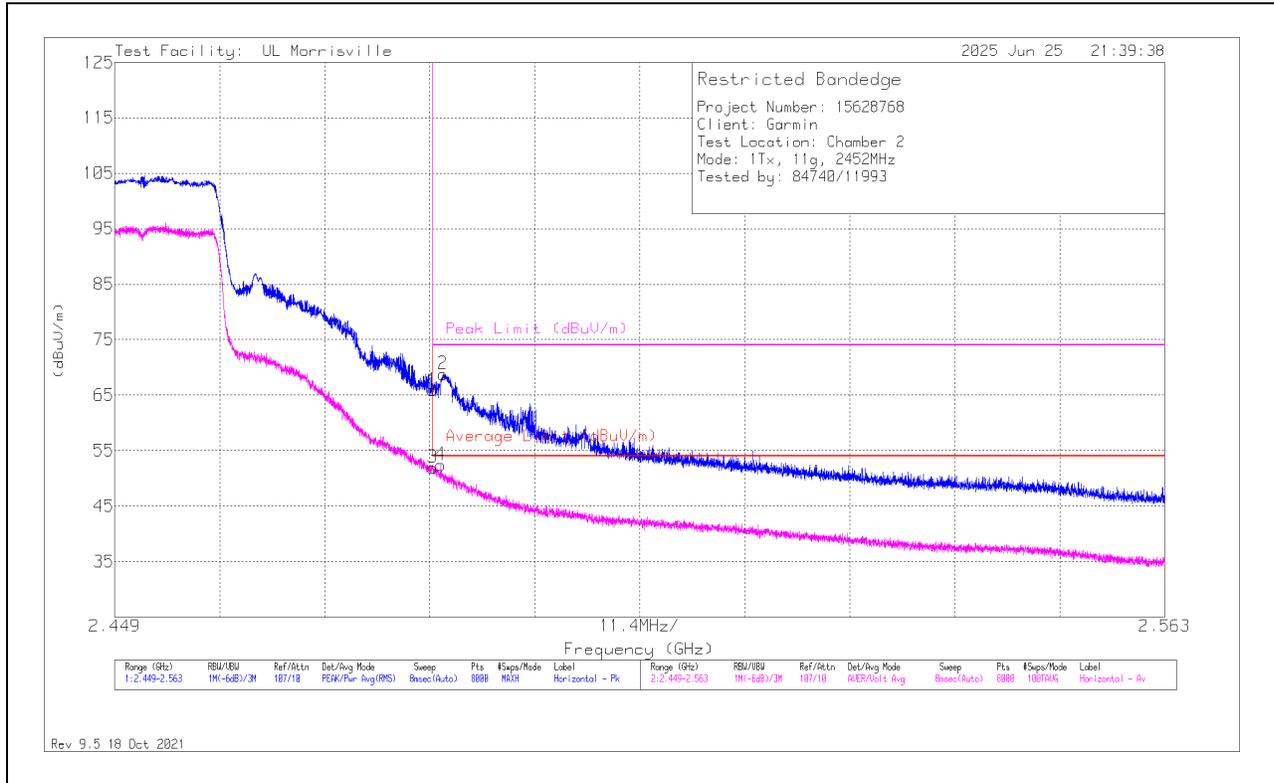


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	54.49	Pk	32.3	-25.1	61.69	-	-	74	-12.31	27	225	V
2	*** 2.38523	54.38	Pk	32.2	-24.9	61.68	-	-	74	-12.32	27	225	V
3	*** 2.38996	40.05	ADV	32.3	-25.1	47.25	54	-6.75	-	-	27	225	V
4	*** 2.3898	40.29	ADV	32.3	-25	47.59	54	-6.41	-	-	27	225	V

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

BANDEDGE (HIGH CHANNEL, CH 9)

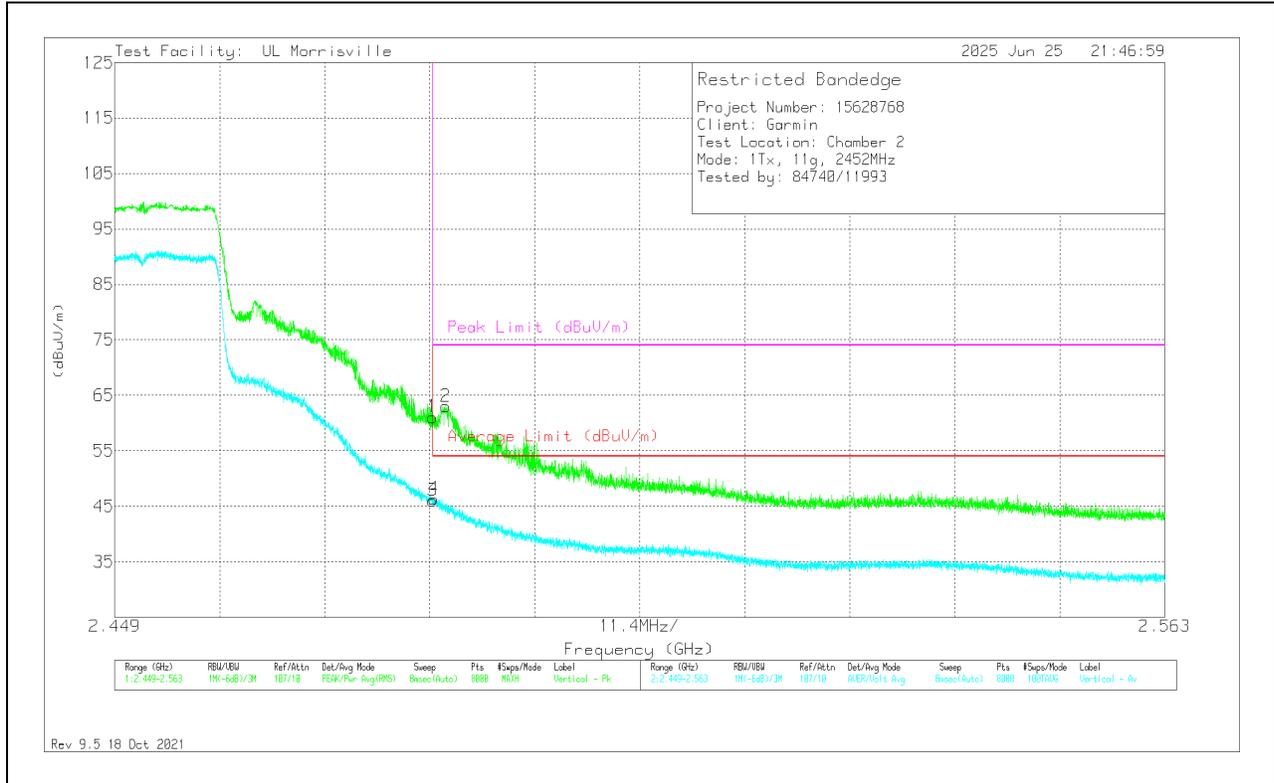
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	* ** 2.4835	58.87	Pk	32.5	-25.5	65.87	-	-	74	-8.13	201	142	H
2	* ** 2.48463	61.95	Pk	32.5	-25.6	68.85	-	-	74	-5.15	201	142	H
3	* ** 2.4835	44.95	ADV	32.5	-25.5	51.95	54	-2.05	-	-	201	142	H
4	* ** 2.4844	45.49	ADV	32.5	-25.6	52.39	54	-1.61	-	-	201	142	H

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

VERTICAL RESULT

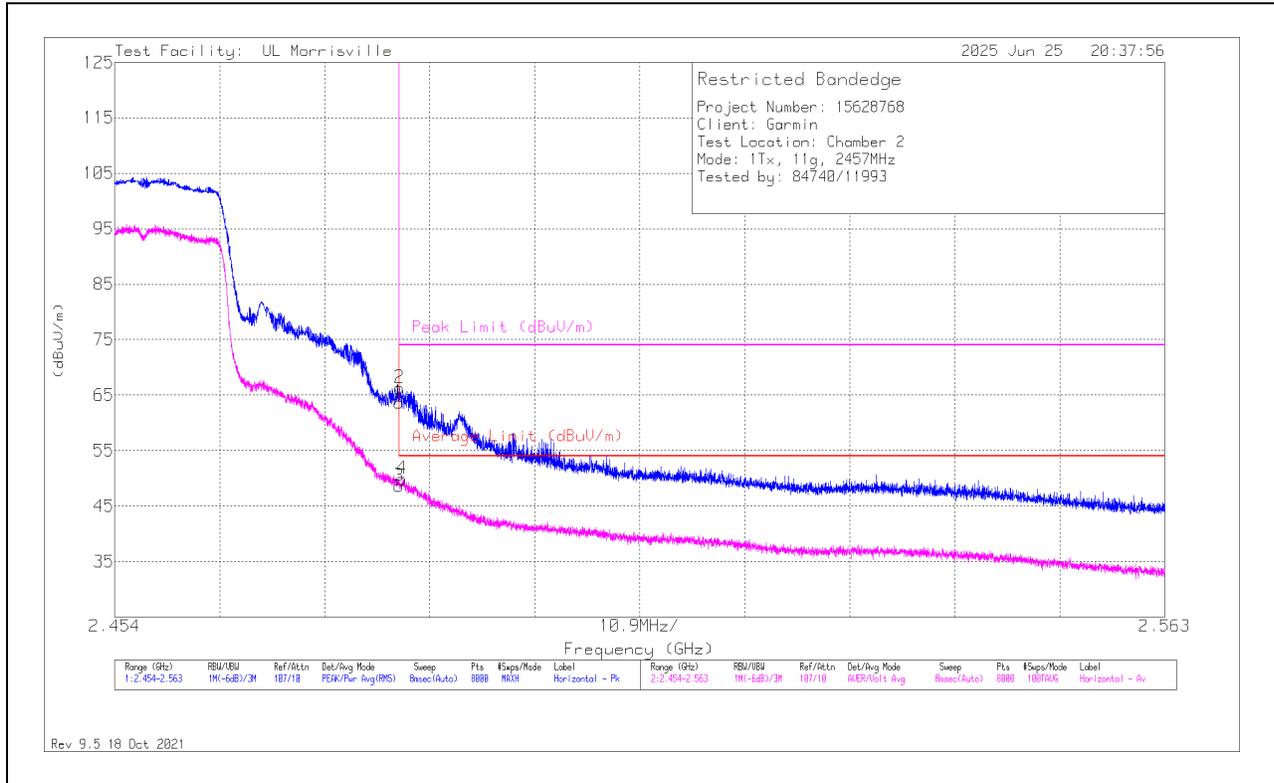


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.4835	54.04	Pk	32.5	-25.5	61.04	-	-	74	-12.96	349	148	V
2	* ** 2.48492	56.08	Pk	32.5	-25.6	62.98	-	-	74	-11.02	349	148	V
3	* ** 2.4835	38.96	ADV	32.5	-25.5	45.96	54	-8.04	-	-	349	148	V
4	* ** 2.48362	39.33	ADV	32.5	-25.5	46.33	54	-7.67	-	-	349	148	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	* ** 2.4835	56.7	Pk	32.5	-25.5	63.7	-	-	74	-10.3	204	150	H
2	* ** 2.48356	59.29	Pk	32.5	-25.5	66.29	-	-	74	-7.71	204	150	H
3	* ** 2.4835	41.59	ADV	32.5	-25.5	48.59	54	-5.41	-	-	204	150	H
4	* ** 2.48383	42.88	ADV	32.5	-25.5	49.88	54	-4.12	-	-	204	150	H

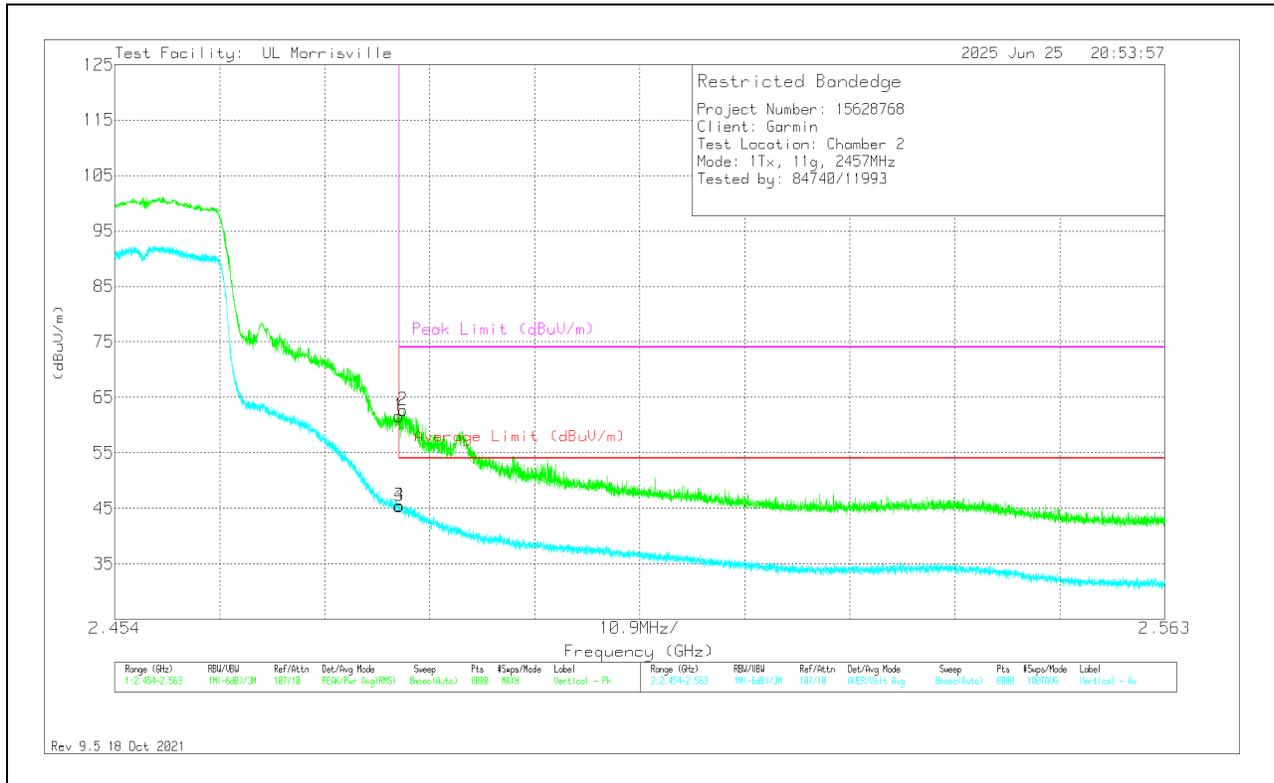
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	54.67	Pk	32.5	-25.5	61.67	-	-	74	-12.33	228	217	V
2	*** 2.48392	55.68	Pk	32.5	-25.5	62.68	-	-	74	-11.32	228	217	V
3	*** 2.4835	38.37	ADV	32.5	-25.5	45.37	54	-8.63	-	-	228	217	V
4	*** 2.48357	38.47	ADV	32.5	-25.5	45.47	54	-8.53	-	-	228	217	V

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

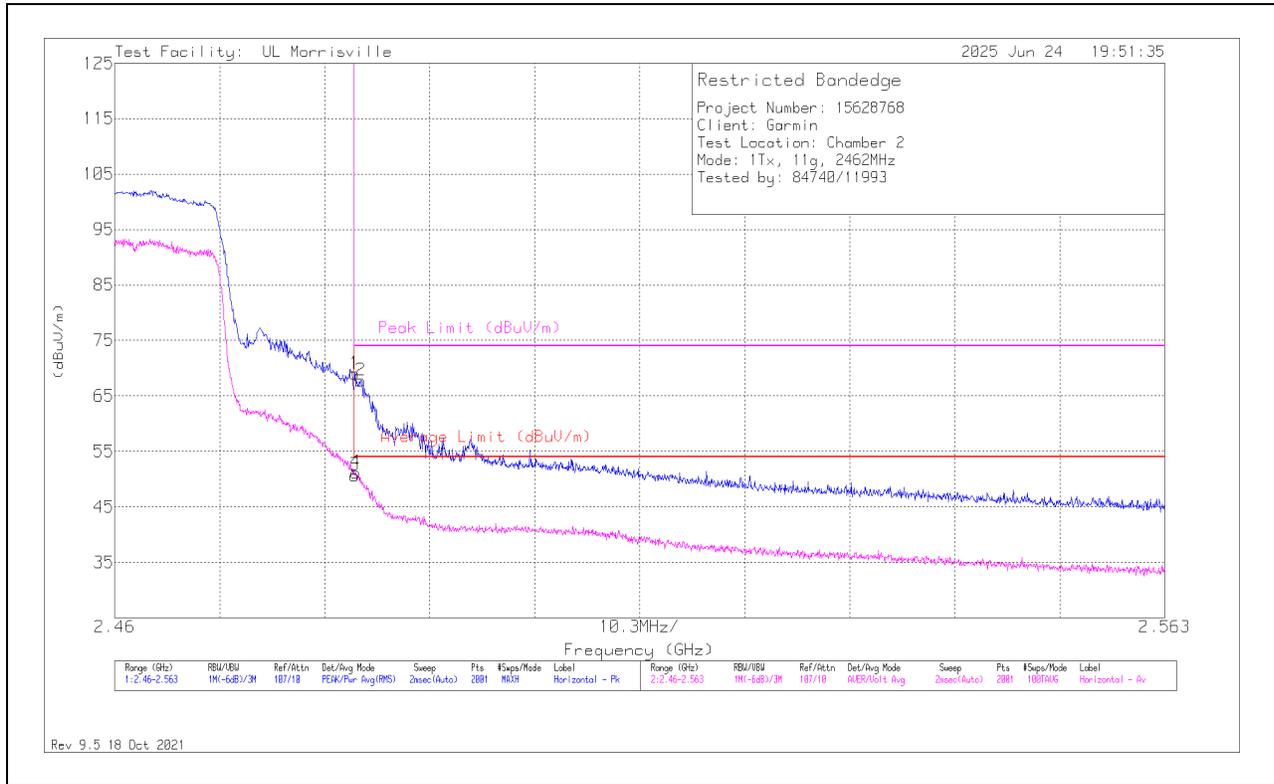
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	61.99	Pk	32.5	-25.5	68.99	-	-	74	-5.01	195	123	H
2	* ** 2.48415	60.85	Pk	32.5	-25.6	67.75	-	-	74	-6.25	195	123	H
3	* ** 2.48354	43.69	ADV	32.5	-25.5	50.69	54	-3.31	-	-	195	123	H
4	* ** 2.48364	44.19	ADV	32.5	-25.5	51.19	54	-2.81	-	-	195	123	H

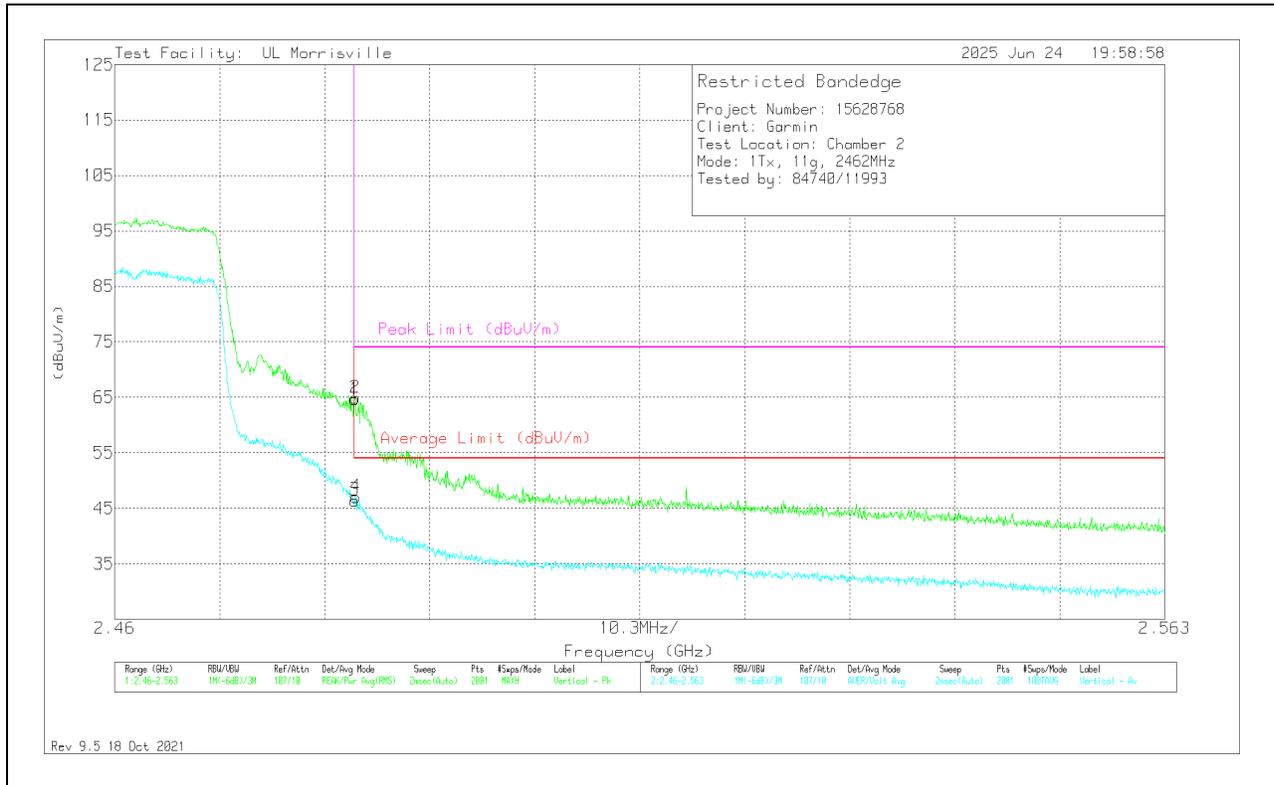
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	57.61	Pk	32.5	-25.5	64.61	-	-	74	-9.39	19	147	V
2	* ** 2.48359	57.87	Pk	32.5	-25.5	64.87	-	-	74	-9.13	19	147	V
3	* ** 2.48354	39.41	ADV	32.5	-25.5	46.41	54	-7.59	-	-	19	147	V
4	* ** 2.48364	40.06	ADV	32.5	-25.5	47.06	54	-6.94	-	-	19	147	V

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

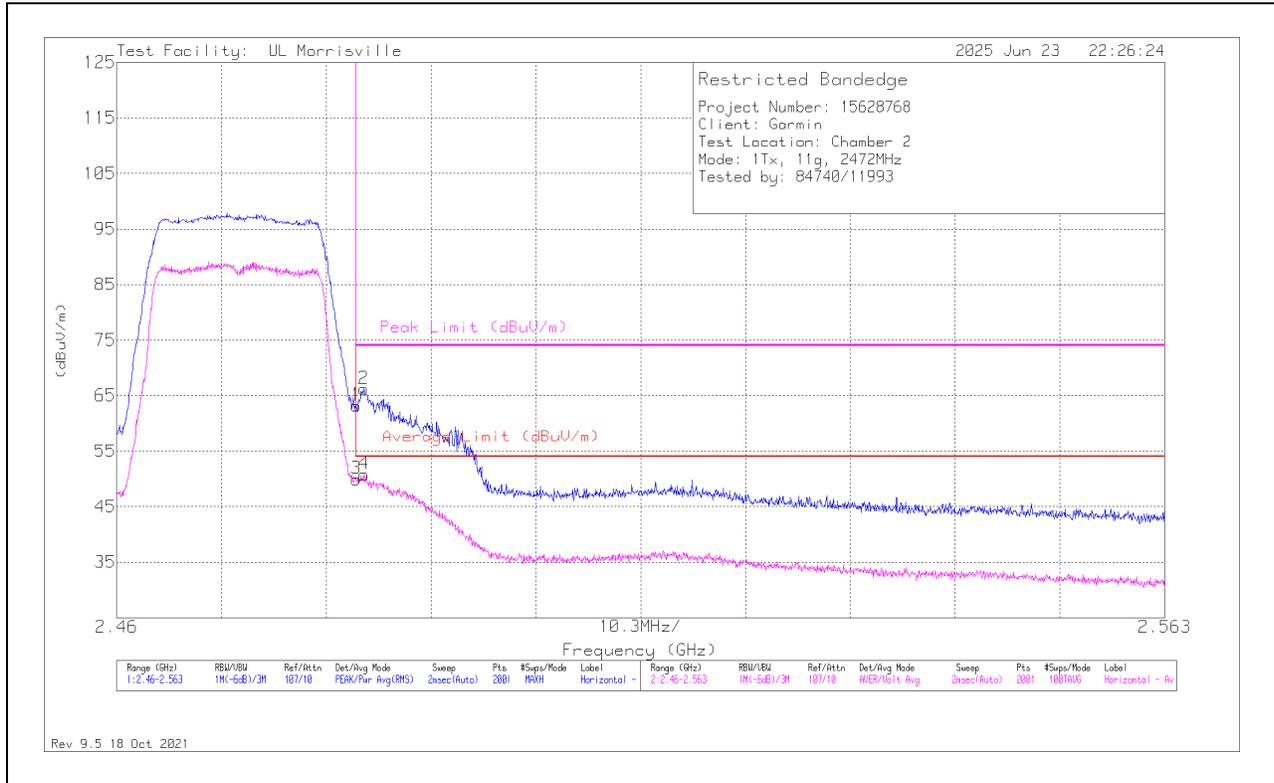
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	56.22	Pk	32.5	-25.5	63.22	-	-	74	-10.78	190	237	H
2	*** 2.48426	59.3	Pk	32.5	-25.6	66.2	-	-	74	-7.8	190	237	H
3	*** 2.48354	42.96	ADV	32.5	-25.5	49.96	54	-4.04	-	-	190	237	H
4	*** 2.48431	43.92	ADV	32.5	-25.6	50.82	54	-3.18	-	-	190	237	H

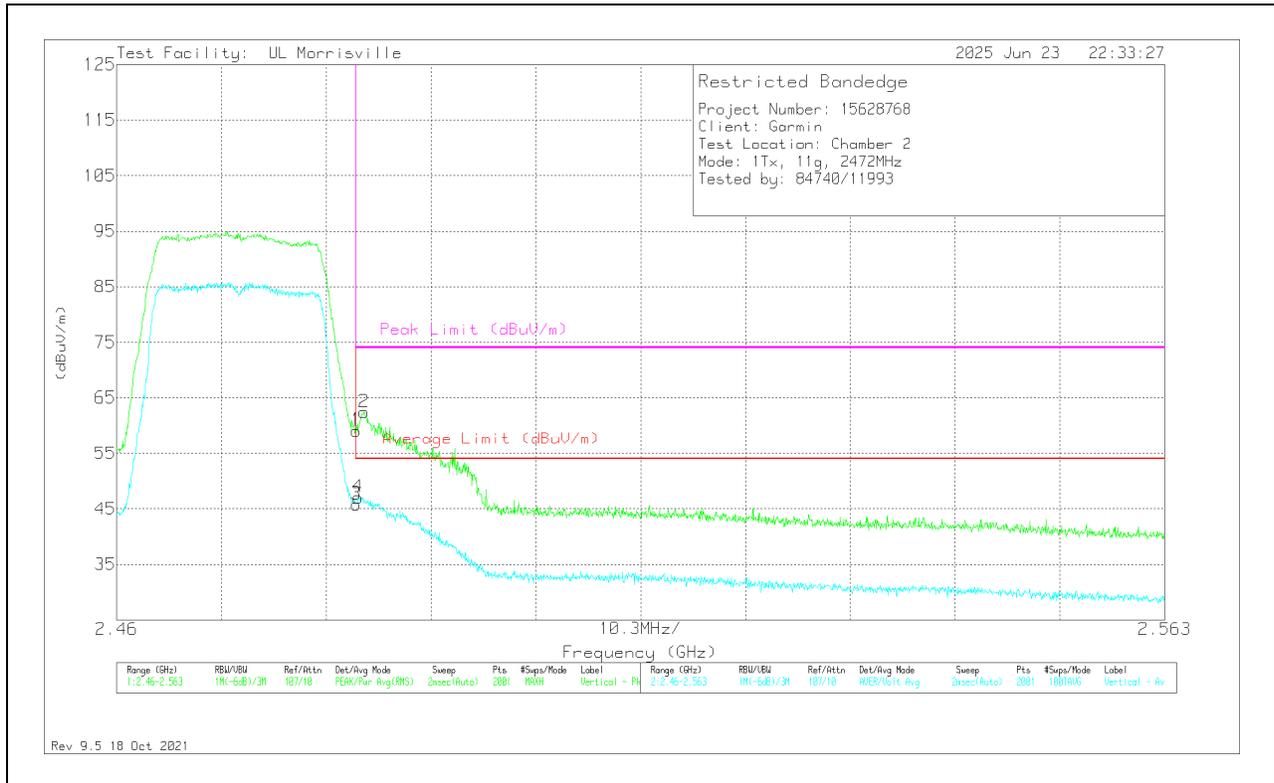
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	52.06	Pk	32.5	-25.5	59.06	-	-	74	-14.94	251	275	V
2	* ** 2.48431	55.52	Pk	32.5	-25.6	62.42	-	-	74	-11.58	251	275	V
3	* ** 2.48354	38.8	ADV	32.5	-25.5	45.8	54	-8.2	-	-	251	275	V
4	* ** 2.48374	40.06	ADV	32.5	-25.5	47.06	54	-6.94	-	-	251	275	V

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

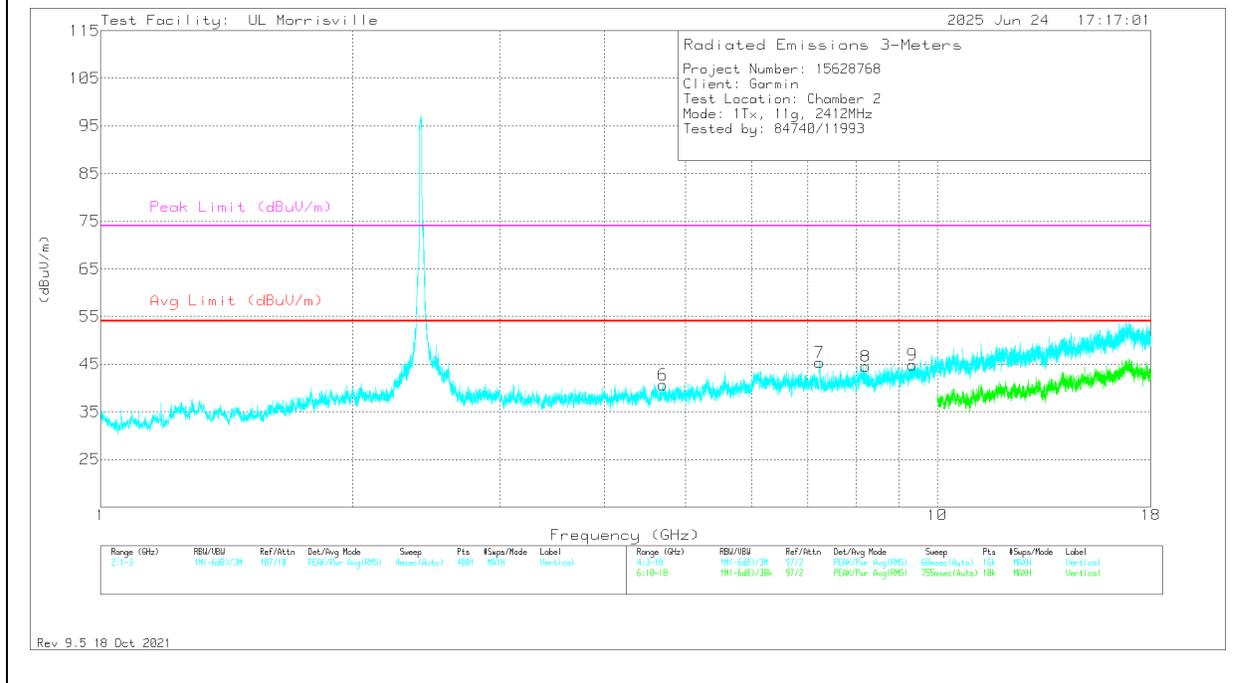
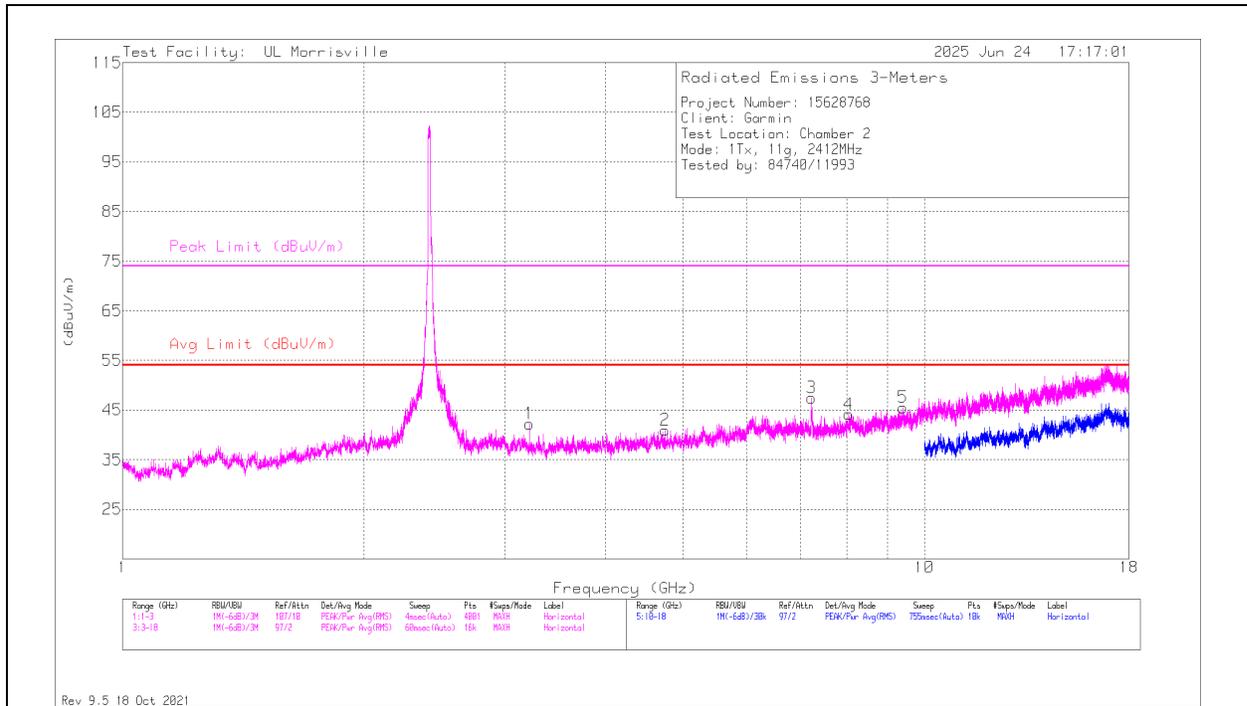
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



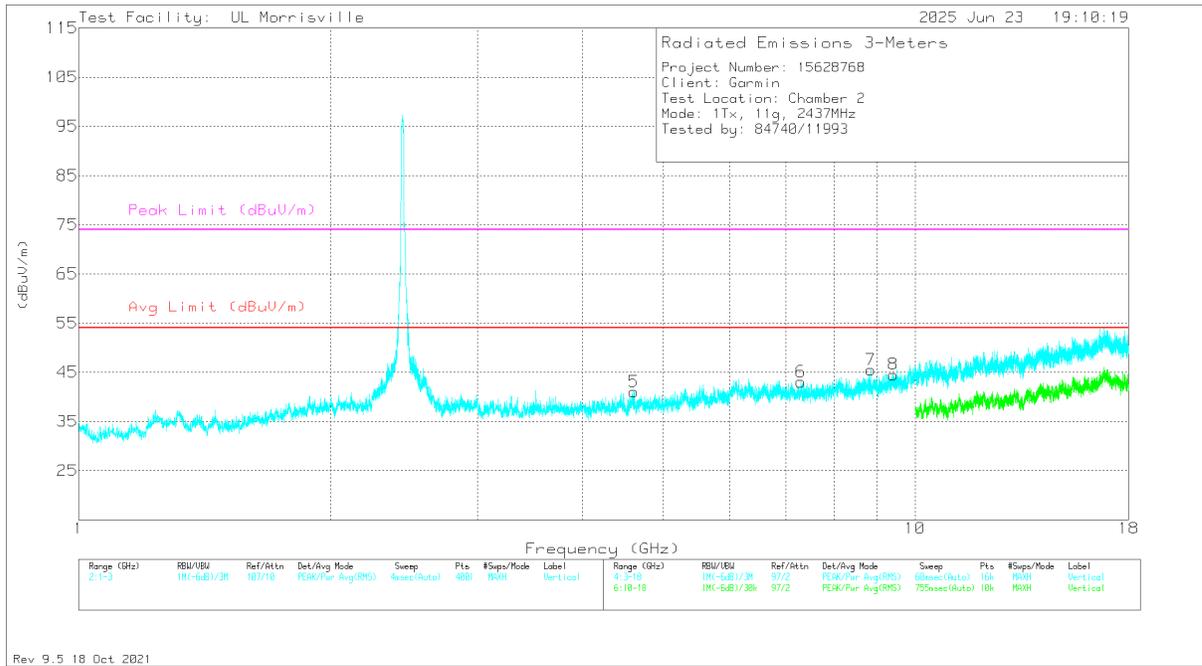
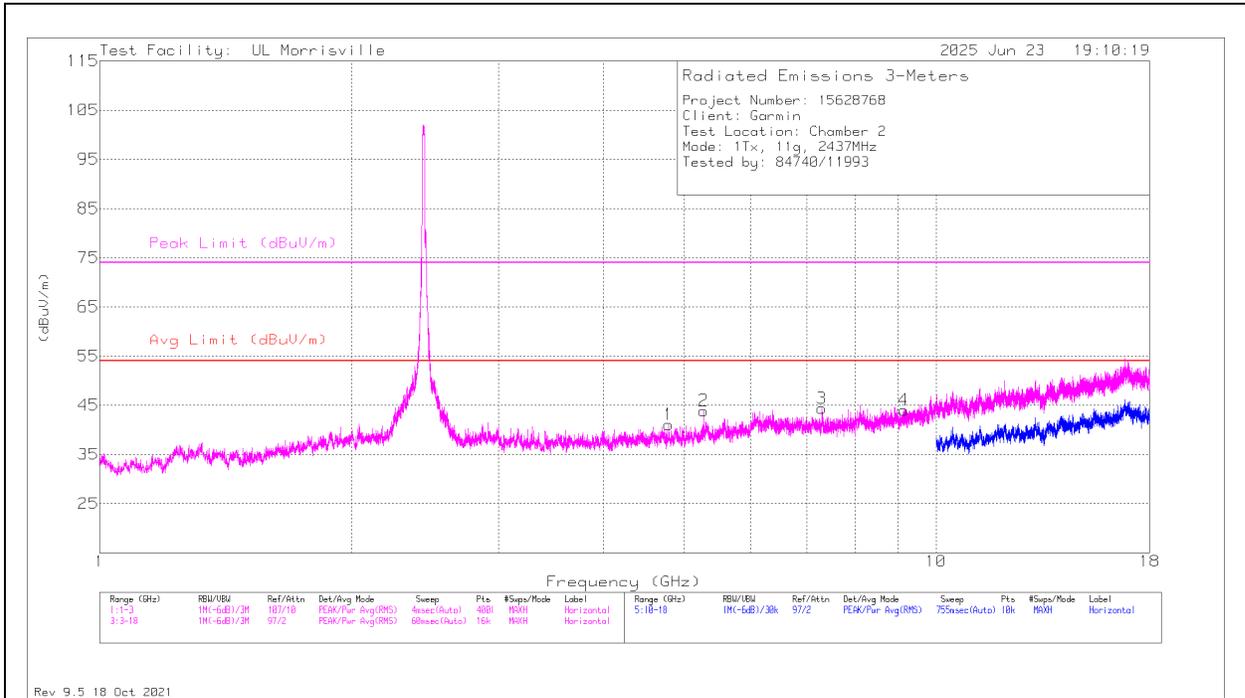
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 4.75125	52.17	Pk	34.2	-45.4	40.97	54	-13.03	74	-33.03	0-360	200	H
4	*** 8.05219	49.52	Pk	35.8	-41.2	44.12	54	-9.88	74	-29.88	0-360	200	H
5	*** 9.40969	49.89	Pk	36.2	-40.6	45.49	54	-8.51	74	-28.51	0-360	200	H
6	*** 4.69781	51.19	Pk	34.1	-44.6	40.69	54	-13.31	74	-33.31	0-360	199	V
8	*** 8.21531	50.62	Pk	35.8	-41.9	44.52	54	-9.48	74	-29.48	0-360	199	V
9	*** 9.34406	49.39	Pk	36.1	-40.7	44.79	54	-9.21	74	-29.21	0-360	101	V
1	3.21563	54.65	Pk	33.1	-45.5	42.25	-	-	-	-	0-360	101	H
7	7.23188	52.55	Pk	35.6	-42.8	45.35	-	-	-	-	0-360	101	V
3	7.23656	54.44	Pk	35.6	-42.6	47.44	-	-	-	-	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

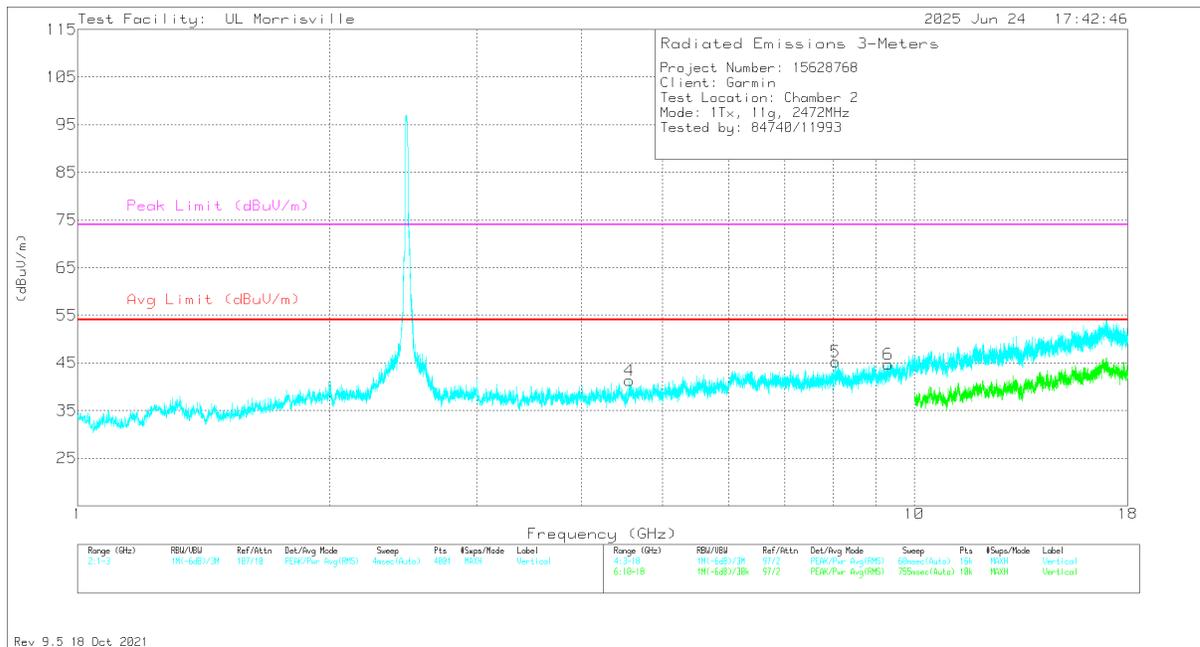
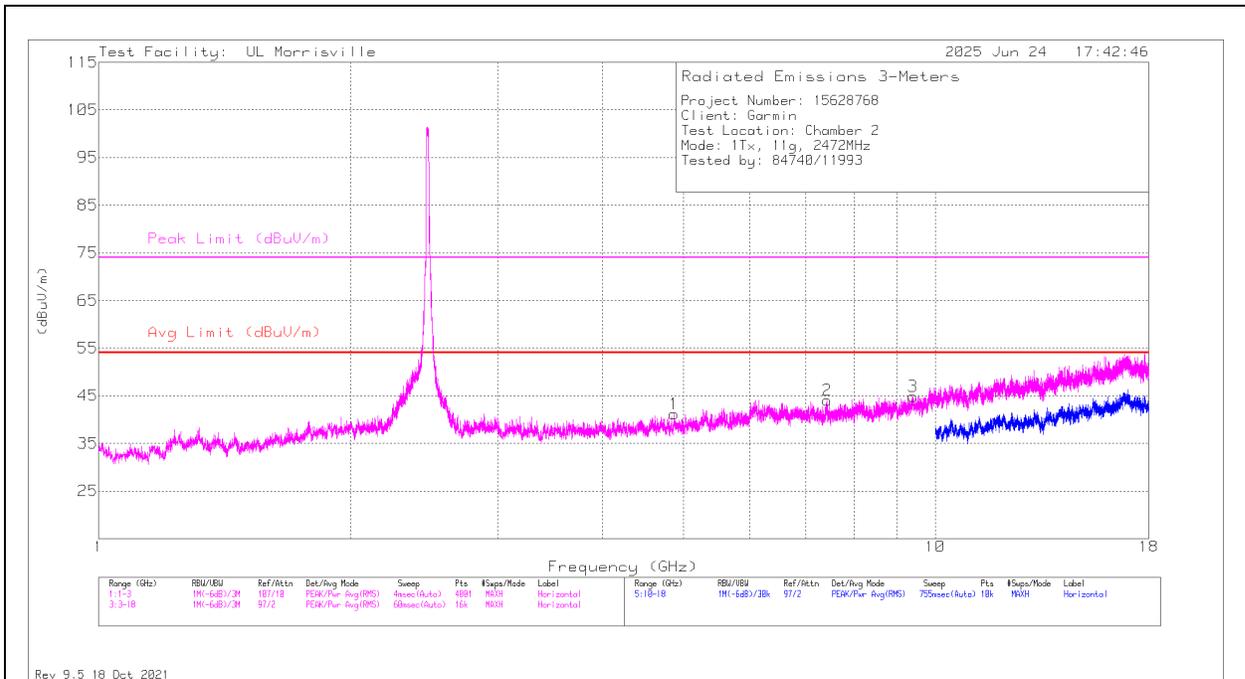
MID CHANNEL, CH 6 RESULTS



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	*** 4.79156	51.66	Pk	34.2	-44.8	41.06	54	-12.94	74	-32.94	0-360	101	H
3	*** 7.30313	51.44	Pk	35.6	-42.7	44.34	54	-9.66	74	-29.66	0-360	101	H
4	*** 9.14438	48.61	Pk	35.9	-40.5	44.01	54	-9.99	74	-29.99	0-360	101	H
5	*** 4.61344	52.75	Pk	34	-45.7	41.05	54	-12.95	74	-32.95	0-360	199	V
6	*** 7.30031	50.16	Pk	35.6	-42.7	43.06	54	-10.94	74	-30.94	0-360	199	V
8	*** 9.41531	49.56	Pk	36.2	-41.2	44.56	54	-9.44	74	-29.44	0-360	199	V
2	5.27063	52.97	Pk	34.2	-43.3	43.87	-	-	-	-	0-360	101	H
7	8.85563	50.18	Pk	35.9	-40.6	45.48	-	-	-	-	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

HIGH CHANNEL, CH 13 RESULTS



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	*** 4.87594	51.4	Pk	34.1	-44.3	41.2	54	-12.8	74	-32.8	0-360	101	H
2	*** 7.42875	50.22	Pk	35.6	-41.8	44.02	54	-9.98	74	-29.98	0-360	101	H
3	*** 9.4125	49.53	Pk	36.2	-40.9	44.83	54	-9.17	74	-29.17	0-360	101	H
4	*** 4.56281	52.24	Pk	34	-44.9	41.34	54	-12.66	74	-32.66	0-360	101	V
5	*** 8.05313	50.64	Pk	35.8	-41.2	45.24	54	-8.76	74	-28.76	0-360	101	V
6	*** 9.30563	49.26	Pk	36.1	-40.7	44.66	54	-9.34	74	-29.34	0-360	101	V

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

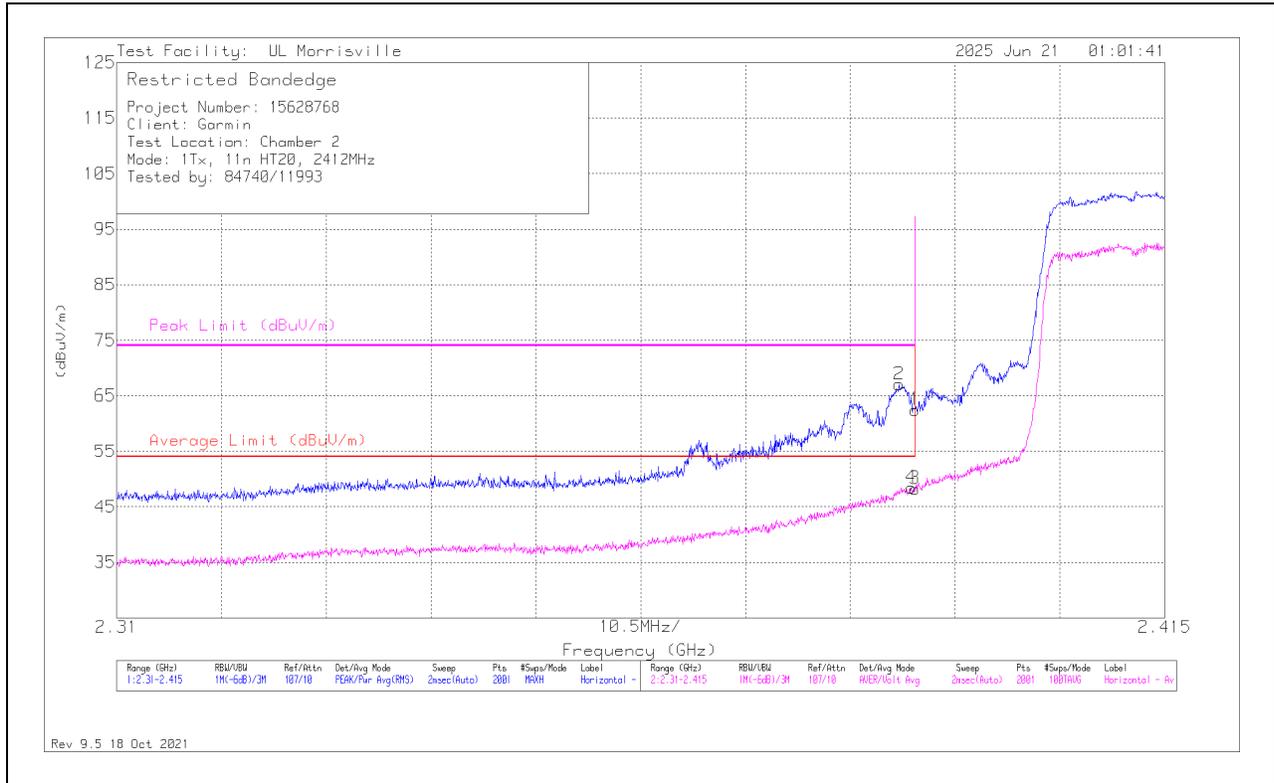
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.2.6. 2.4 WLAN 802.11n HT20 MODE

BANDEGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	55.25	Pk	32.3	-25.1	62.45	-	-	74	-11.55	176	291	H
2	*** 2.38838	59.75	Pk	32.3	-25	67.05	-	-	74	-6.95	176	291	H
3	*** 2.38996	41.05	ADV	32.3	-25.1	48.25	54	-5.75	-	-	176	291	H
4	*** 2.38959	41.13	ADV	32.3	-25	48.43	54	-5.57	-	-	176	291	H

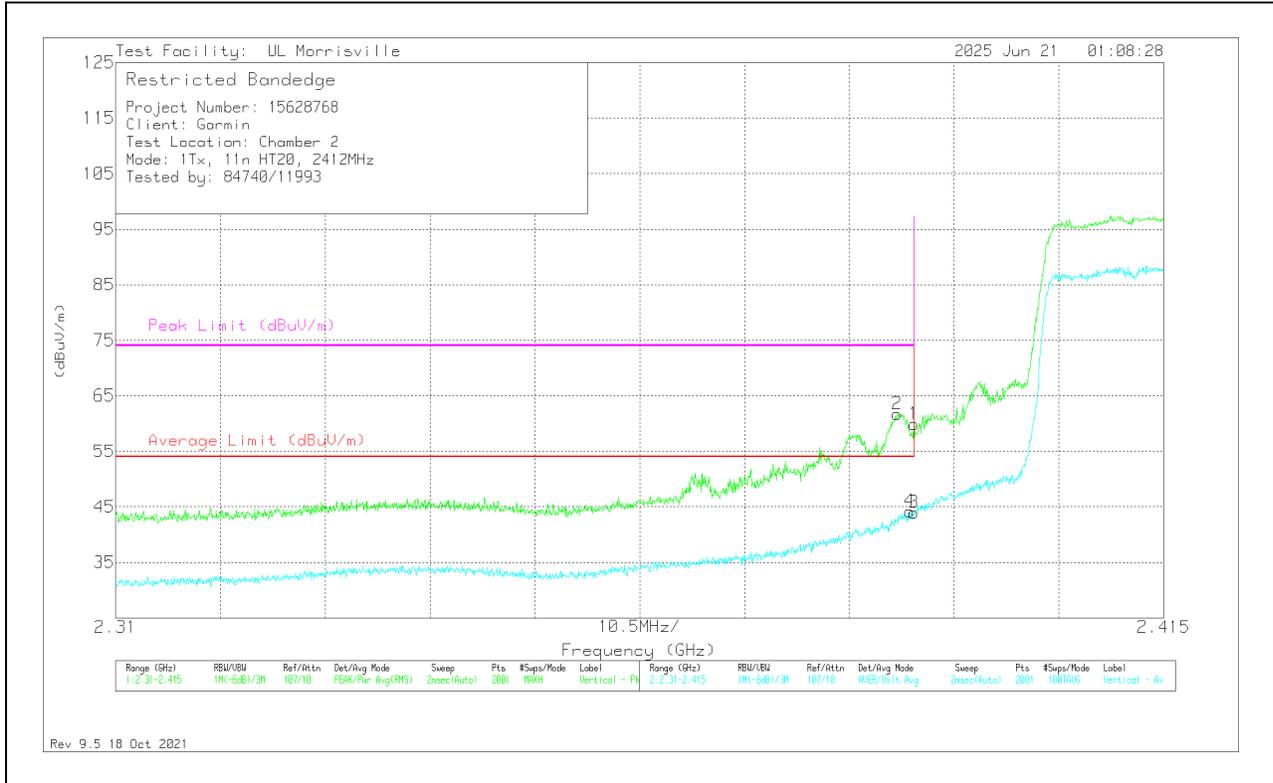
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	52.66	Pk	32.3	-25.1	59.86	-	-	74	-14.14	92	288	V
2	*** 2.38828	54.4	Pk	32.3	-25	61.7	-	-	74	-12.3	92	288	V
3	*** 2.38996	36.72	ADV	32.3	-25.1	43.92	54	-10.08	-	-	92	288	V
4	*** 2.38954	36.88	ADV	32.3	-25	44.18	54	-9.82	-	-	92	288	V

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

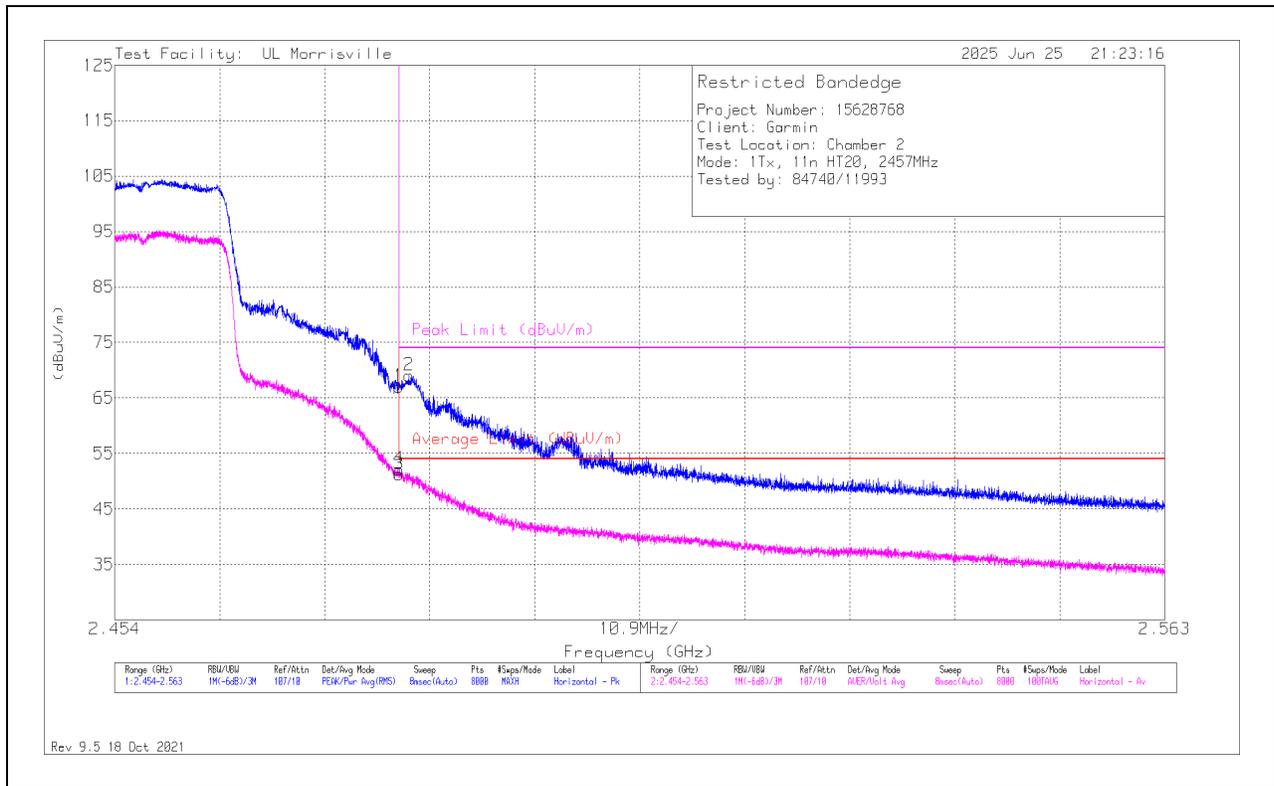
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 10)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	* ** 2.4835	60.03	Pk	32.5	-25.5	67.03	-	-	74	-6.97	199	187	H
2	* ** 2.48451	62.2	Pk	32.5	-25.6	69.1	-	-	74	-4.9	199	187	H
3	* ** 2.4835	44.22	ADV	32.5	-25.5	51.22	54	-2.78	-	-	199	187	H
4	* ** 2.48353	45.17	ADV	32.5	-25.5	52.17	54	-1.83	-	-	199	187	H

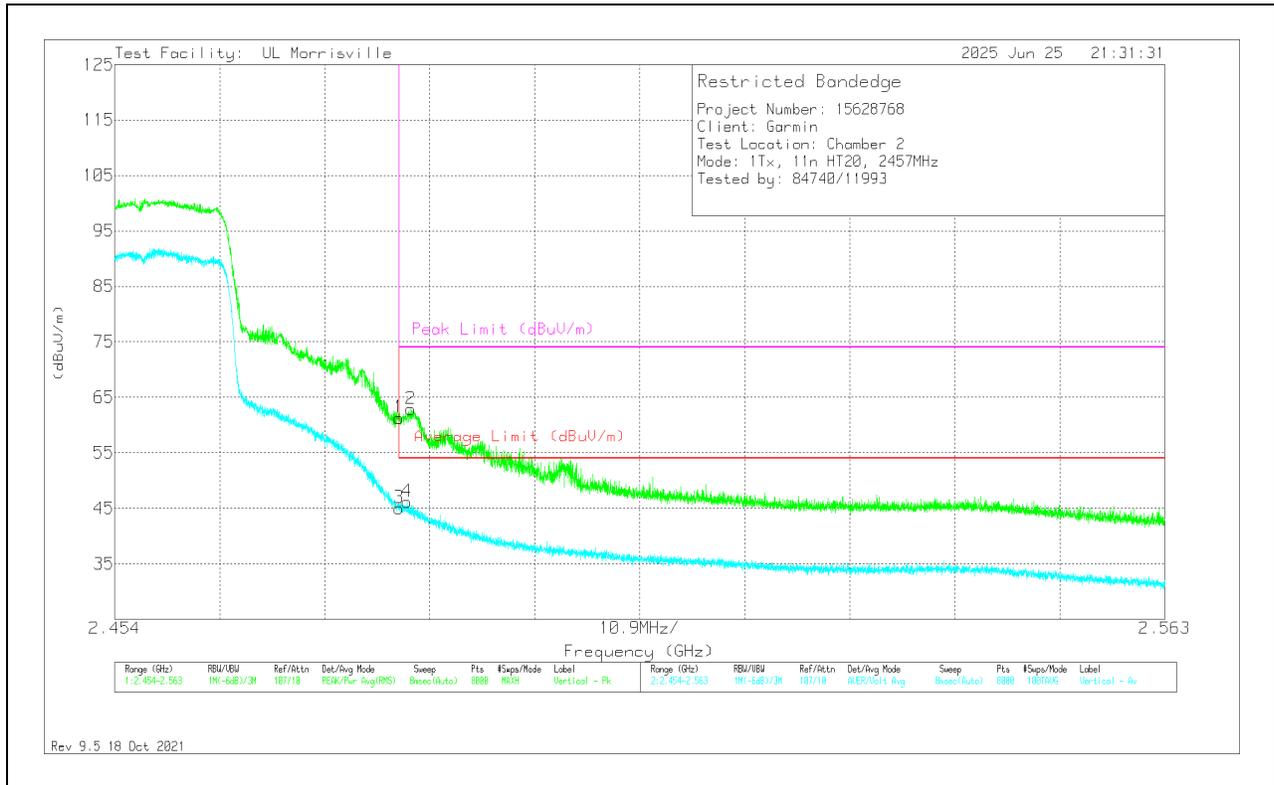
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	* ** 2.4835	54.34	Pk	32.5	-25.5	61.34	-	-	74	-12.66	226	220	V
2	* ** 2.48476	55.96	Pk	32.5	-25.6	62.86	-	-	74	-11.14	226	220	V
3	* ** 2.4835	38.05	ADV	32.5	-25.5	45.05	54	-8.95	-	-	226	220	V
4	* ** 2.48433	39.23	ADV	32.5	-25.6	46.13	54	-7.87	-	-	226	220	V

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

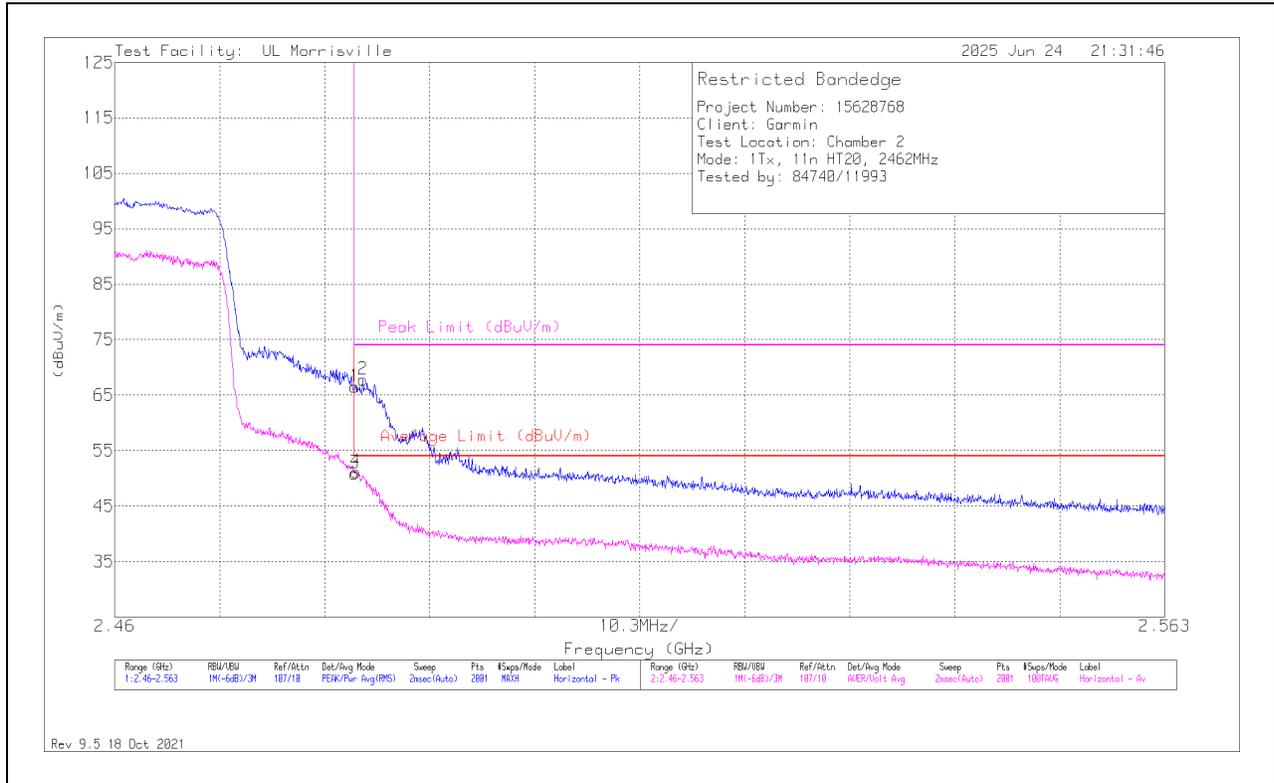
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	59.5	Pk	32.5	-25.5	66.5	-	-	74	-7.5	202	185	H
2	*** 2.48436	60.88	Pk	32.5	-25.6	67.78	-	-	74	-6.22	202	185	H
3	*** 2.48354	43.88	ADV	32.5	-25.5	50.88	54	-3.12	-	-	202	185	H
4	*** 2.48364	44.15	ADV	32.5	-25.5	51.15	54	-2.85	-	-	202	185	H

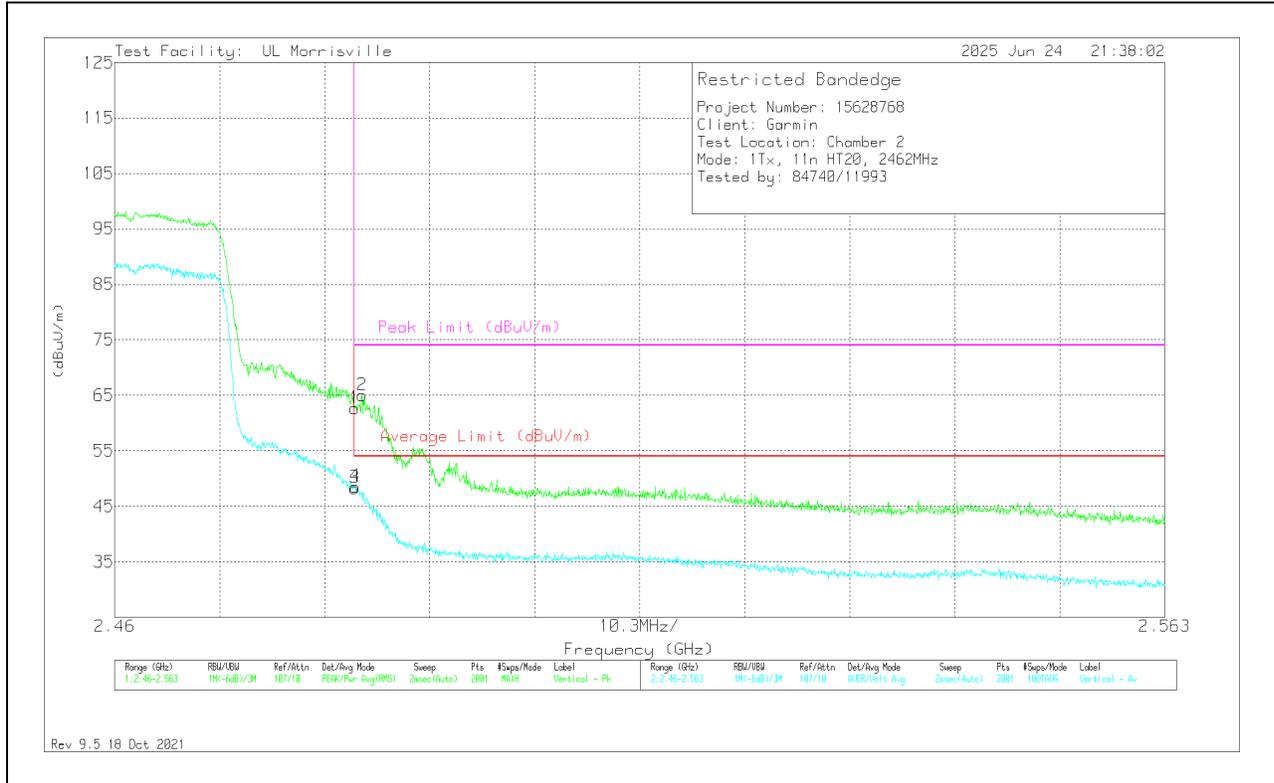
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

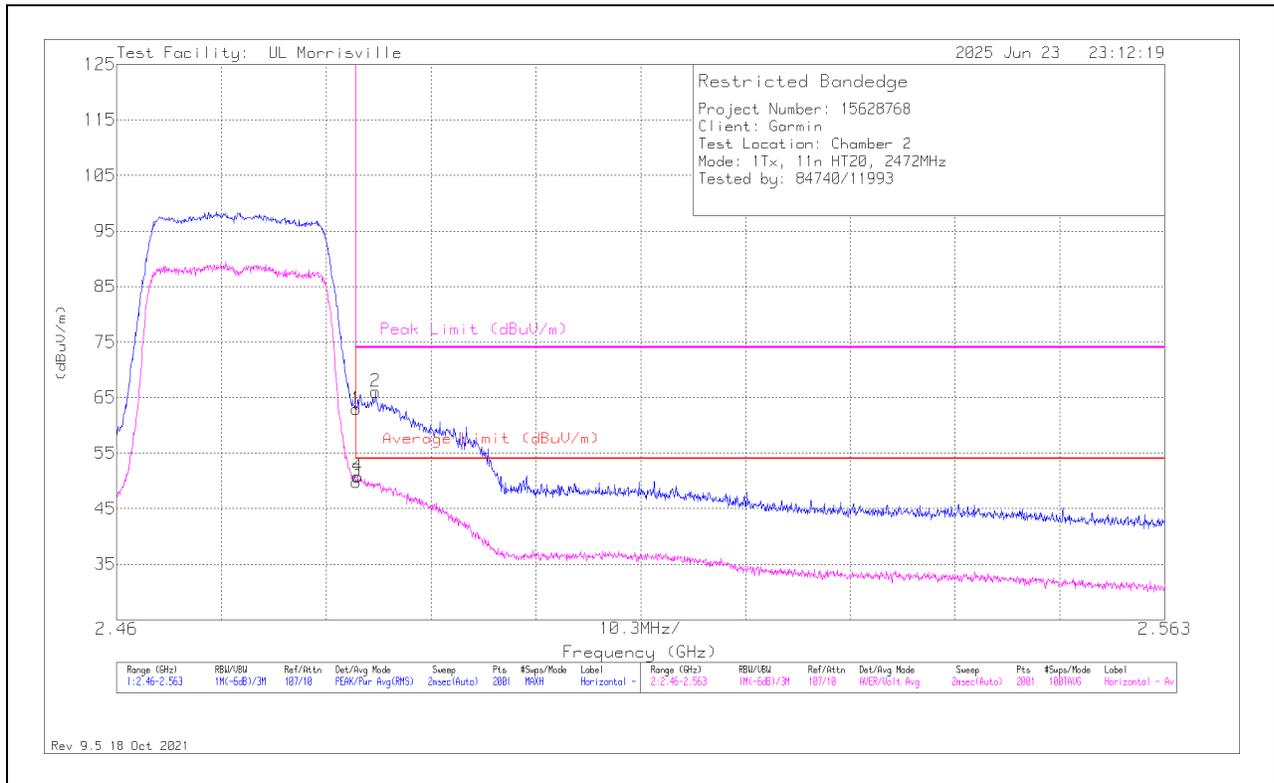


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	55.61	Pk	32.5	-25.5	62.61	-	-	74	-11.39	230	219	V
2	* ** 2.48426	58.09	Pk	32.5	-25.6	64.99	-	-	74	-9.01	230	219	V
3	* ** 2.48354	41.31	ADV	32.5	-25.5	48.31	54	-5.69	-	-	230	219	V
4	* ** 2.48359	41.53	ADV	32.5	-25.5	48.53	54	-5.47	-	-	230	219	V

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

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	55.91	Pk	32.5	-25.5	62.91	-	-	74	-11.09	200	188	H
2	*** 2.48544	59.15	Pk	32.5	-25.6	66.05	-	-	74	-7.95	200	188	H
3	*** 2.48354	42.83	ADV	32.5	-25.5	49.83	54	-4.17	-	-	200	188	H
4	*** 2.48369	43.76	ADV	32.5	-25.5	50.76	54	-3.24	-	-	200	188	H

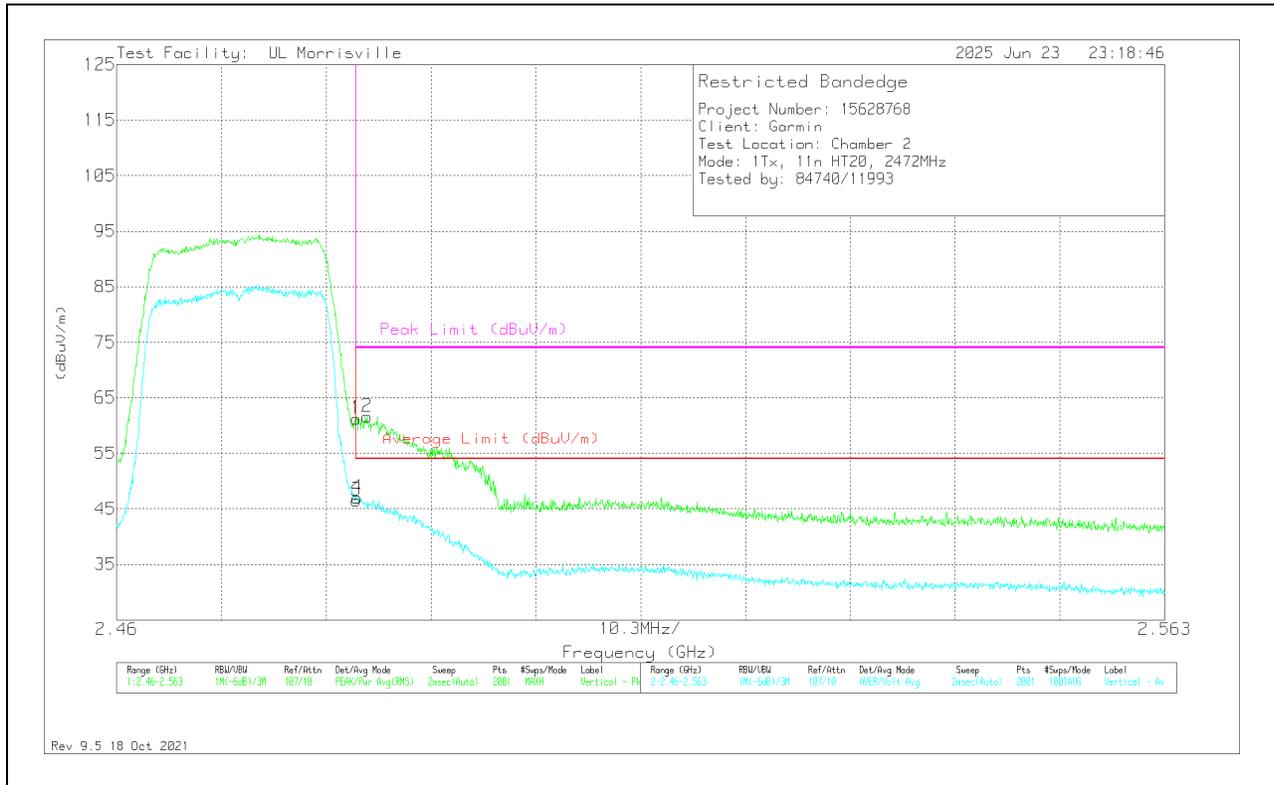
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

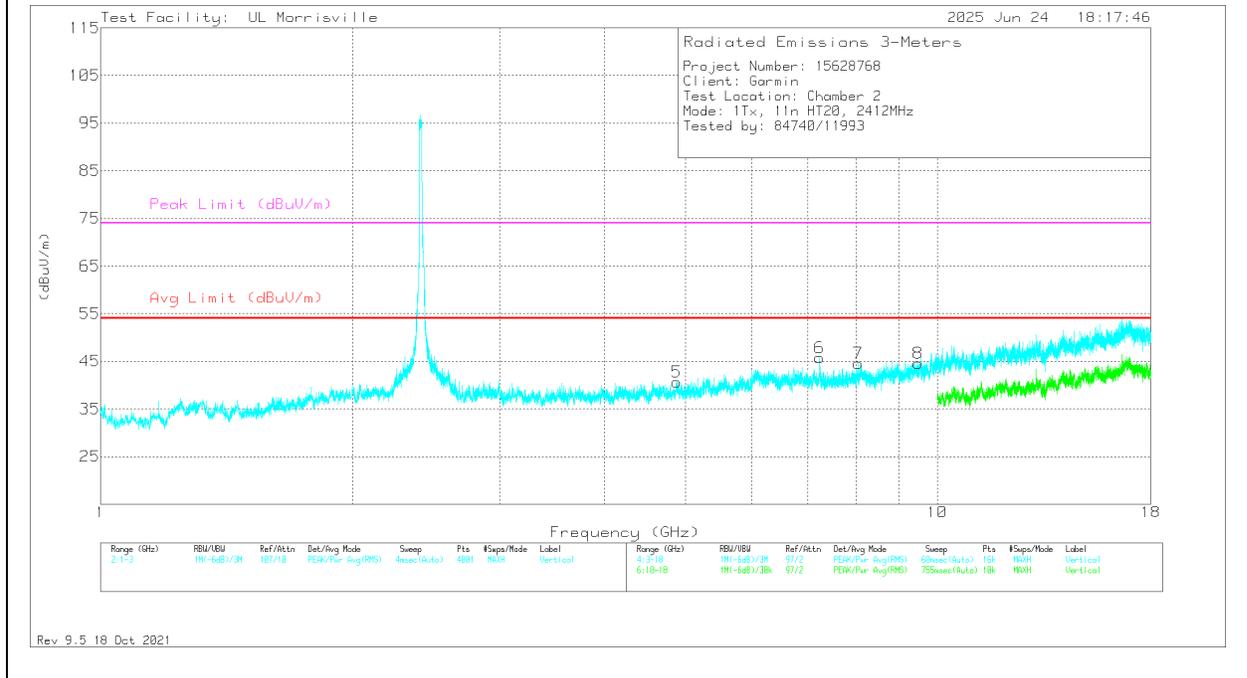
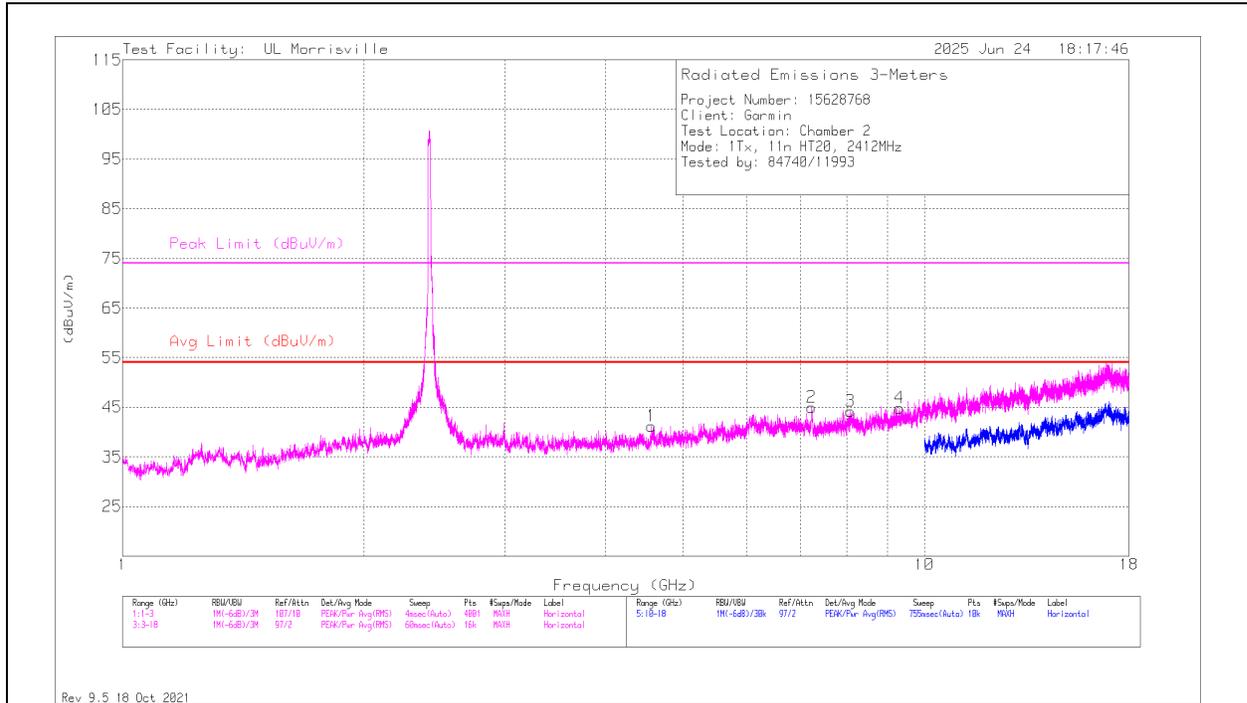


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	54.26	Pk	32.5	-25.5	61.26	-	-	74	-12.74	311	202	V
2	* ** 2.48462	54.74	Pk	32.5	-25.6	61.64	-	-	74	-12.36	311	202	V
3	* ** 2.48354	39.52	ADV	32.5	-25.5	46.52	54	-7.48	-	-	311	202	V
4	* ** 2.48364	40.02	ADV	32.5	-25.5	47.02	54	-6.98	-	-	311	202	V

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

HARMONICS AND SPURIOUS EMISSIONS

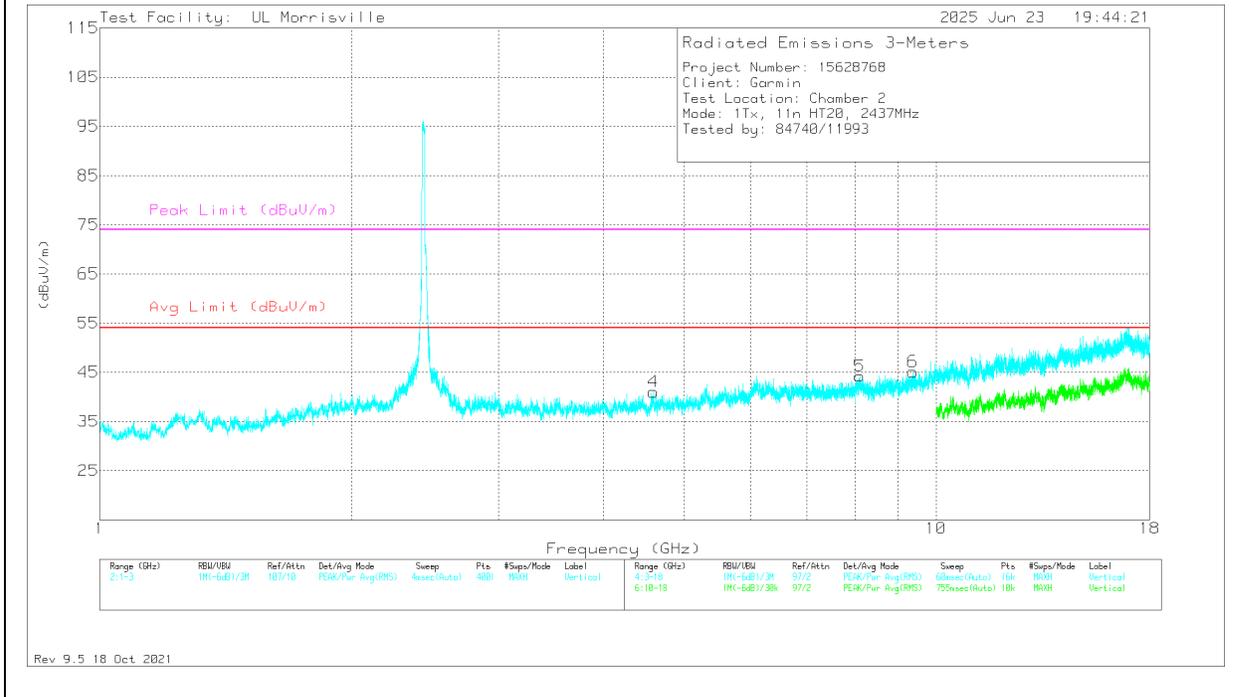
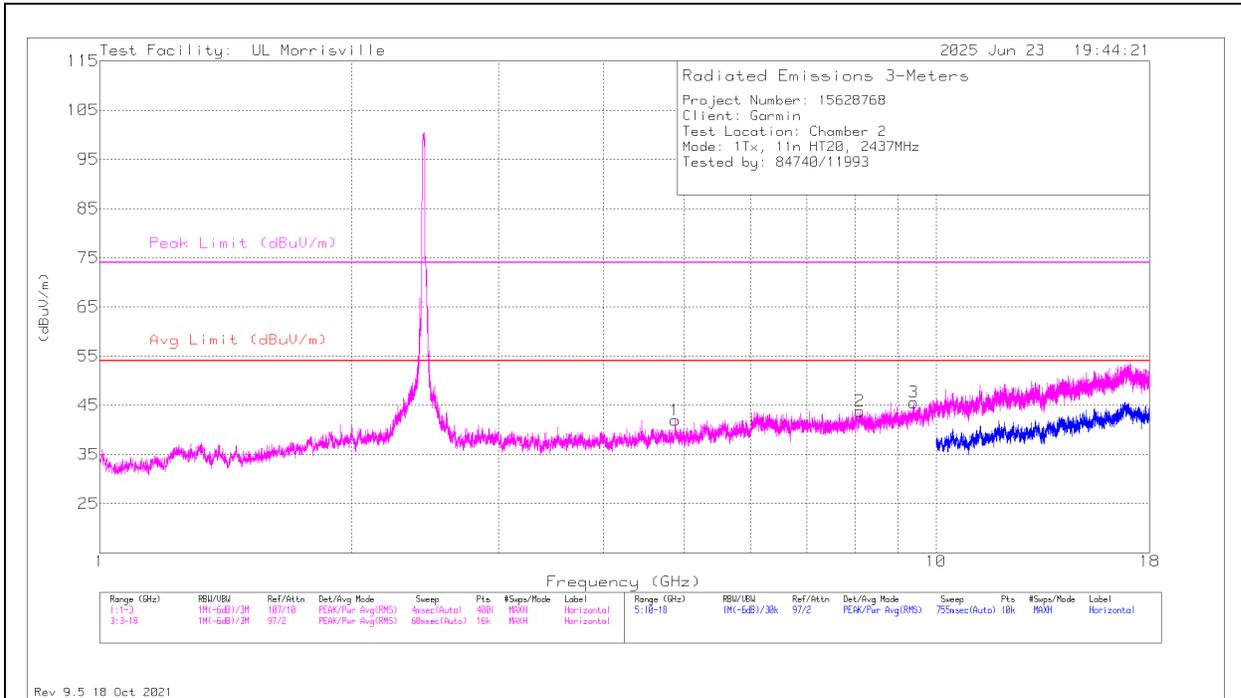
LOW CHANNEL, CH 1 RESULTS



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	*** 4.56469	52.1	Pk	34	-44.9	41.2	54	-12.8	74	-32.8	0-360	101	H
3	*** 8.08219	50.38	Pk	35.8	-42	44.18	54	-9.82	74	-29.82	0-360	200	H
4	*** 9.31219	49.52	Pk	36.1	-40.8	44.82	54	-9.18	74	-29.18	0-360	200	H
5	*** 4.87875	50.99	Pk	34.1	-44.4	40.69	54	-13.31	74	-33.31	0-360	101	V
7	*** 8.05219	49.96	Pk	35.8	-41.2	44.56	54	-9.44	74	-29.44	0-360	101	V
8	*** 9.48656	49.72	Pk	36.4	-41.5	44.62	54	-9.38	74	-29.38	0-360	101	V
2	7.23656	52	Pk	35.6	-42.6	45	-	-	-	-	0-360	101	H
6	7.23656	52.75	Pk	35.6	-42.6	45.75	-	-	-	-	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, CH 6 RESULTS



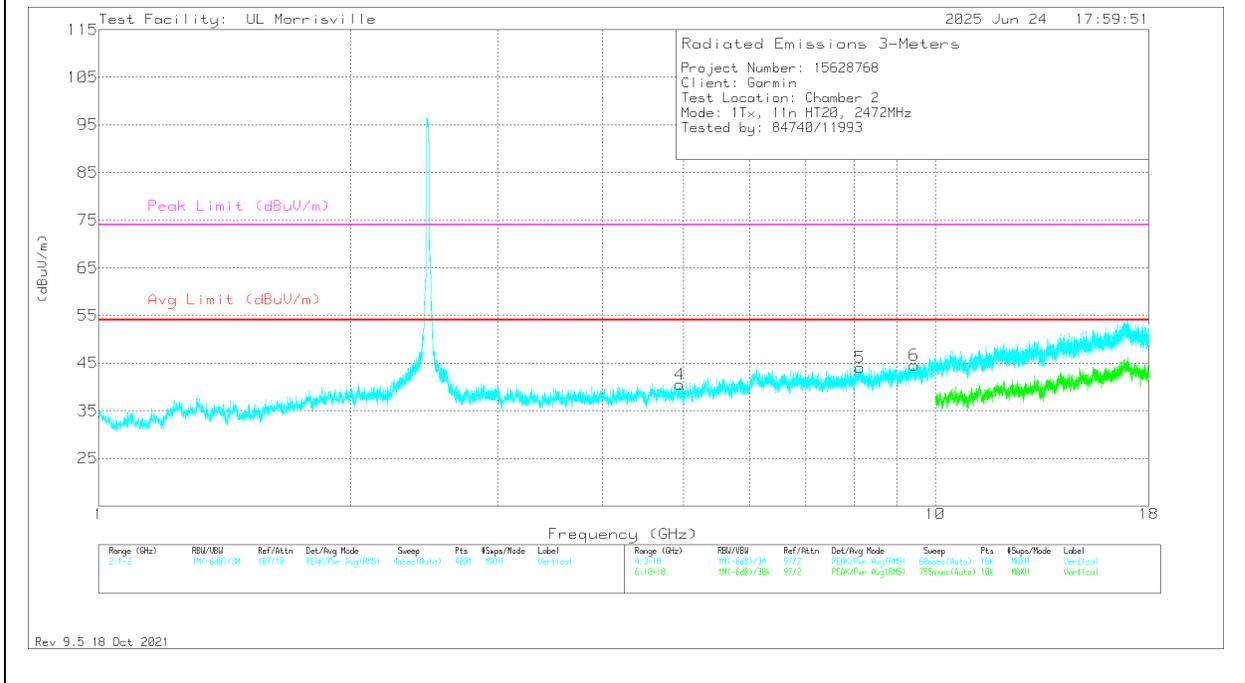
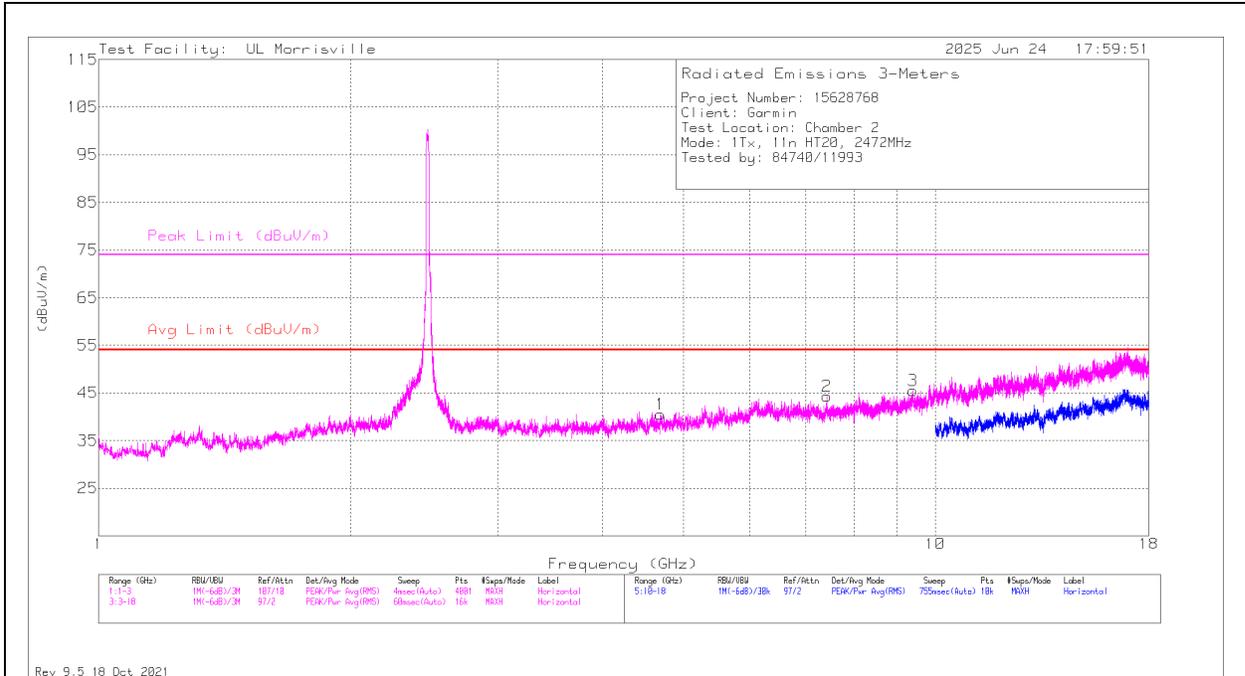
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 4.875	52.14	Pk	34.1	-44.3	41.94	54	-12.06	74	-32.06	0-360	101	H
2	*** 8.10656	49.3	Pk	35.8	-41.3	43.8	54	-10.2	74	-30.2	0-360	199	H
3	*** 9.40781	49.78	Pk	36.2	-40.4	45.58	54	-8.42	74	-28.42	0-360	101	H
4	*** 4.59094	51.92	Pk	34	-44.9	41.02	54	-12.98	74	-32.98	0-360	101	V
5	*** 8.10469	49.73	Pk	35.8	-41.3	44.23	54	-9.77	74	-29.77	0-360	200	V
6	*** 9.37969	49.78	Pk	36.2	-40.9	45.08	54	-8.92	74	-28.92	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

HIGH CHANNEL, CH 13 RESULTS



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	* ** 4.69031	51.42	Pk	34.1	-45	40.52	54	-13.48	74	-33.48	0-360	200	H
2	* ** 7.42219	50.97	Pk	35.6	-42.3	44.27	54	-9.73	74	-29.73	0-360	200	H
3	* ** 9.40781	49.7	Pk	36.2	-40.4	45.5	54	-8.5	74	-28.5	0-360	200	H
4	* ** 4.95094	52	Pk	34	-45.5	40.5	54	-13.5	74	-33.5	0-360	199	V
5	* ** 8.12719	50.01	Pk	35.8	-41.7	44.11	54	-9.89	74	-29.89	0-360	101	V
6	* ** 9.43313	49.9	Pk	36.3	-41.6	44.6	54	-9.4	74	-29.4	0-360	199	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

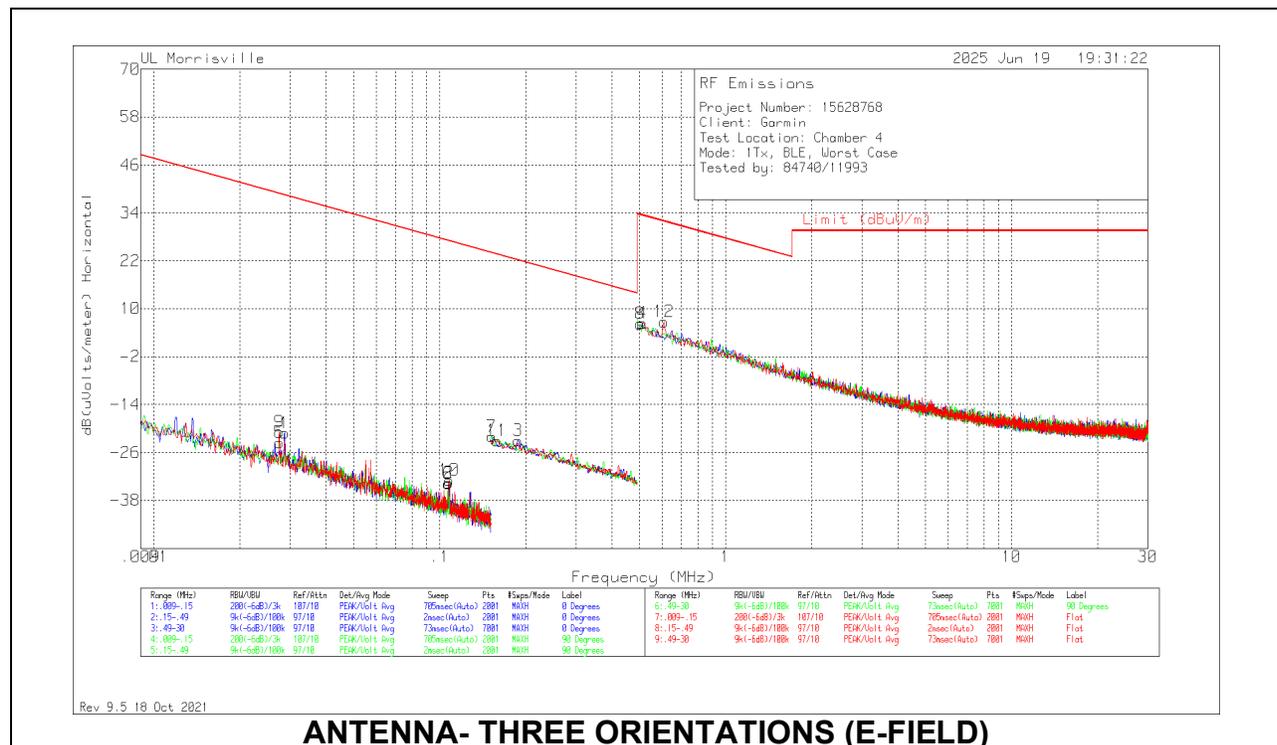
Pk - Peak detector

10.3. 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).

10.3.1. BLE

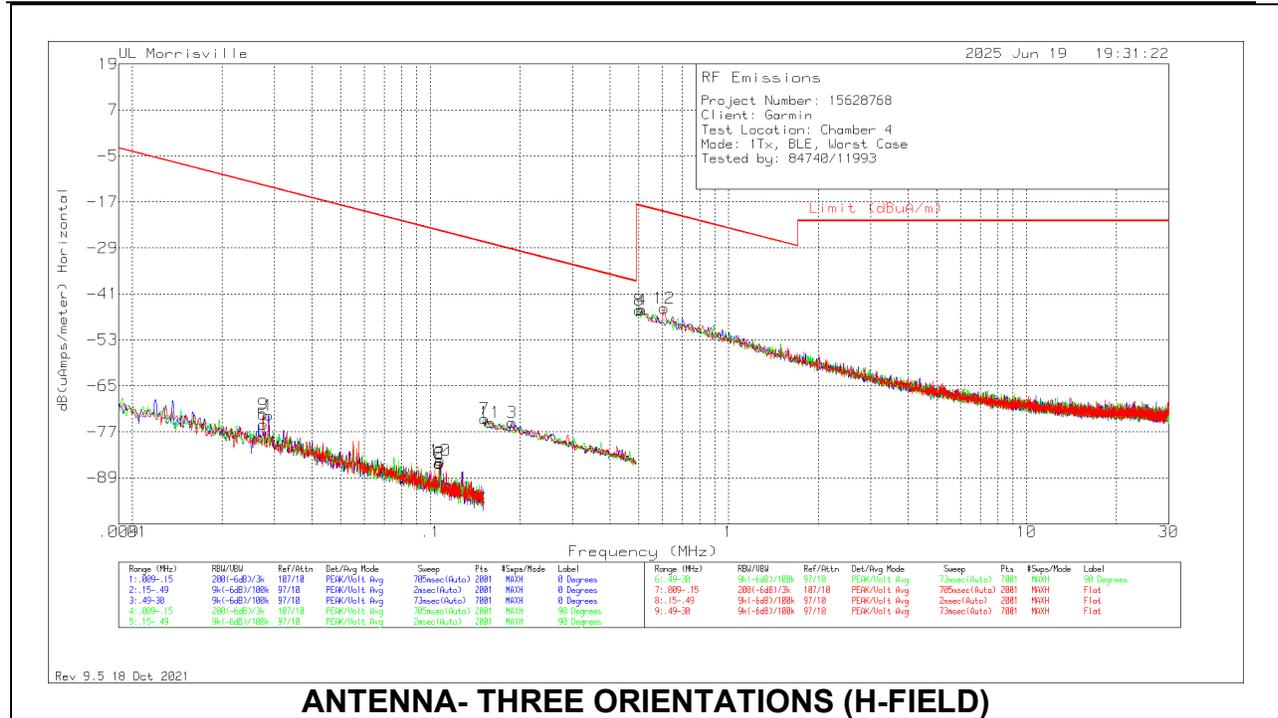
SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



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	.02746	43.19	Pk	13.3	0	-80	-23.51	38.83	58.83	-62.34	0-360	90 degs
9	.02746	45.76	Pk	13.3	0	-80	-20.94	38.83	58.83	-59.77	0-360	Flat
1	.02867	45.63	Pk	13.2	0	-80	-21.17	38.46	58.46	-59.63	0-360	0 degs
6	.10677	35.16	Pk	11.1	0	-80	-33.74	27.04	-	-60.78	0-360	90 degs
2	.10734	35.25	Pk	11.1	0	-80	-33.65	26.99	-	-60.64	0-360	0 degs
10	.1079	35.99	Pk	11.1	0	-80	-32.91	26.94	-	-59.85	0-360	Flat
7	.15204	47.01	Pk	11	0	-80	-21.99	23.97	43.97	-45.96	0-360	90 degs
11	.15876	45.99	Pk	11	0	-80	-23.01	23.59	43.59	-46.6	0-360	Flat
3	.188	46.02	Pk	11	0	-80	-22.98	22.12	42.12	-45.1	0-360	0 degs
8	.50265	35.11	Pk	11	.1	-40	6.21	33.58	-	-27.37	0-360	90 degs
4	.51108	35.24	Pk	11	.1	-40	6.34	33.43	-	-27.09	0-360	0 degs
12	.60805	35.63	Pk	11	.1	-40	6.73	31.93	-	-25.2	0-360	Flat

Pk - Peak detector



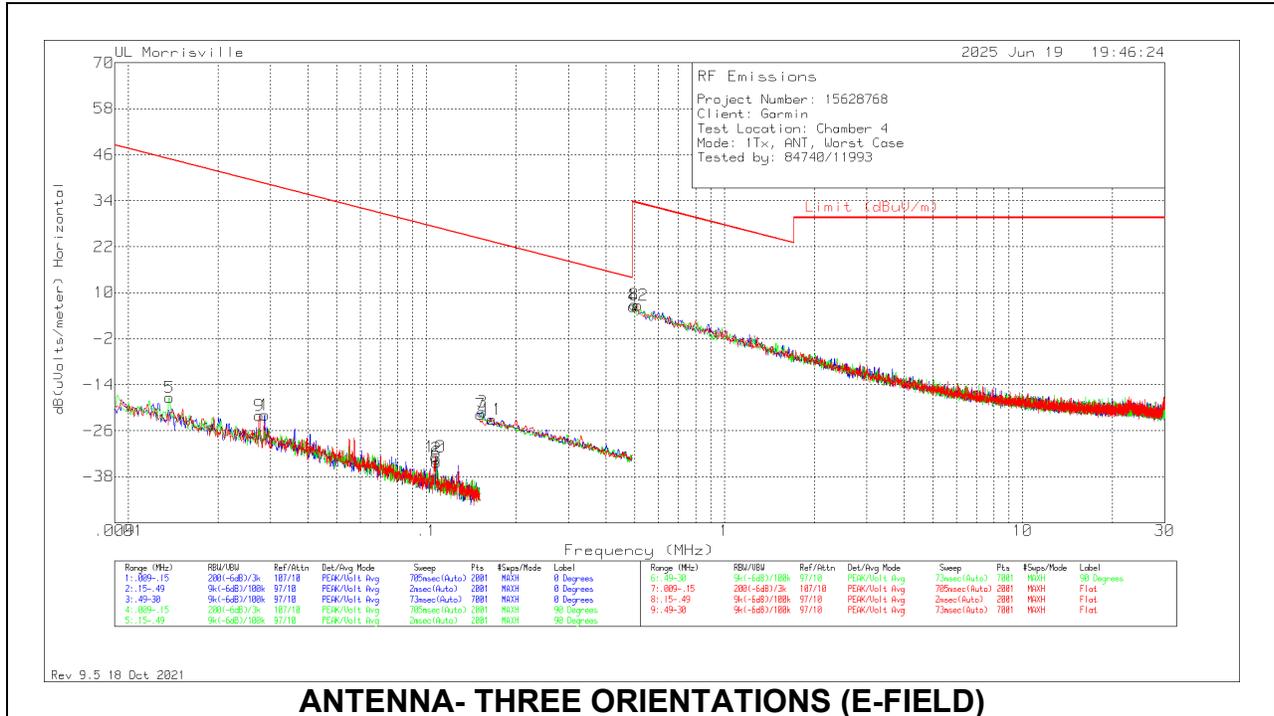
ANTENNA- THREE ORIENTATIONS (H-FIELD)

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	.02746	43.19	Pk	-38.2	0	-80	-75.01	-12.67	7.33	-62.34	0-360	90 degs
9	.02746	45.76	Pk	-38.2	0	-80	-72.44	-12.67	7.33	-59.77	0-360	Flat
1	.02867	45.63	Pk	-38.3	0	-80	-72.67	-13.04	6.96	-59.63	0-360	0 degs
6	.10677	35.16	Pk	-40.4	0	-80	-85.24	-24.46	-	-60.78	0-360	90 degs
2	.10734	35.25	Pk	-40.4	0	-80	-85.15	-24.51	-	-60.64	0-360	0 degs
10	.1079	35.99	Pk	-40.4	0	-80	-84.41	-24.56	-	-59.85	0-360	Flat
7	.15204	47.01	Pk	-40.5	0	-80	-73.49	-27.53	-7.53	-45.96	0-360	90 degs
11	.15876	45.99	Pk	-40.5	0	-80	-74.51	-27.91	-7.91	-46.6	0-360	Flat
3	.188	46.02	Pk	-40.5	0	-80	-74.48	-29.38	-9.38	-45.1	0-360	0 degs
8	.50265	35.11	Pk	-40.5	.1	-40	-45.29	-17.92	-	-27.37	0-360	90 degs
4	.51108	35.24	Pk	-40.5	.1	-40	-45.16	-18.07	-	-27.09	0-360	0 degs
12	.60805	35.63	Pk	-40.5	.1	-40	-44.77	-19.57	-	-25.2	0-360	Flat

Pk - Peak detector

10.3.2. ANT/ANT+

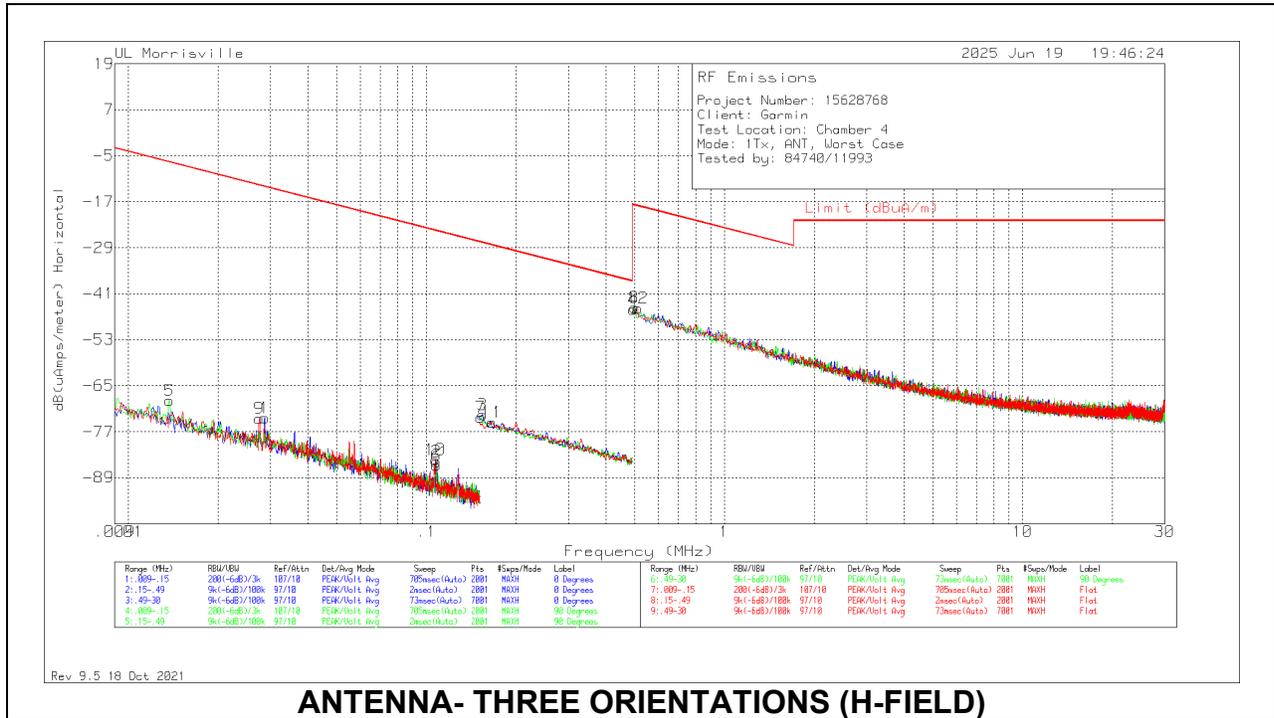
SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



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	.01376	45.49	Pk	17.1	0	-80	-17.41	44.83	64.83	-62.24	0-360	90 degs
9	.02753	44.63	Pk	13.3	0	-80	-22.07	38.81	58.81	-60.88	0-360	Flat
1	.02867	44.96	Pk	13.2	0	-80	-21.84	38.46	58.46	-60.3	0-360	0 degs
10	.10719	36.16	Pk	11.1	0	-80	-32.74	27	-	-59.74	0-360	Flat
2	.10783	35.66	Pk	11.1	0	-80	-33.24	26.95	-	-60.19	0-360	0 degs
6	.10812	34.69	Pk	11.1	0	-80	-34.21	26.93	-	-61.14	0-360	90 degs
7	.15187	47.3	Pk	11	0	-80	-21.7	23.97	43.97	-45.67	0-360	90 degs
3	.154	47.93	Pk	11	0	-80	-21.07	23.85	43.85	-44.92	0-360	0 degs
11	.1659	46.01	Pk	11	0	-80	-22.99	23.21	43.21	-46.2	0-360	Flat
4	.49422	35.23	Pk	11	.1	-40	6.33	33.73	-	-27.4	0-360	0 degs
8	.49843	35.77	Pk	11	.1	-40	6.87	33.65	-	-26.78	0-360	90 degs
12	.51108	35.6	Pk	11	.1	-40	6.7	33.43	-	-26.73	0-360	Flat

Pk - Peak detector



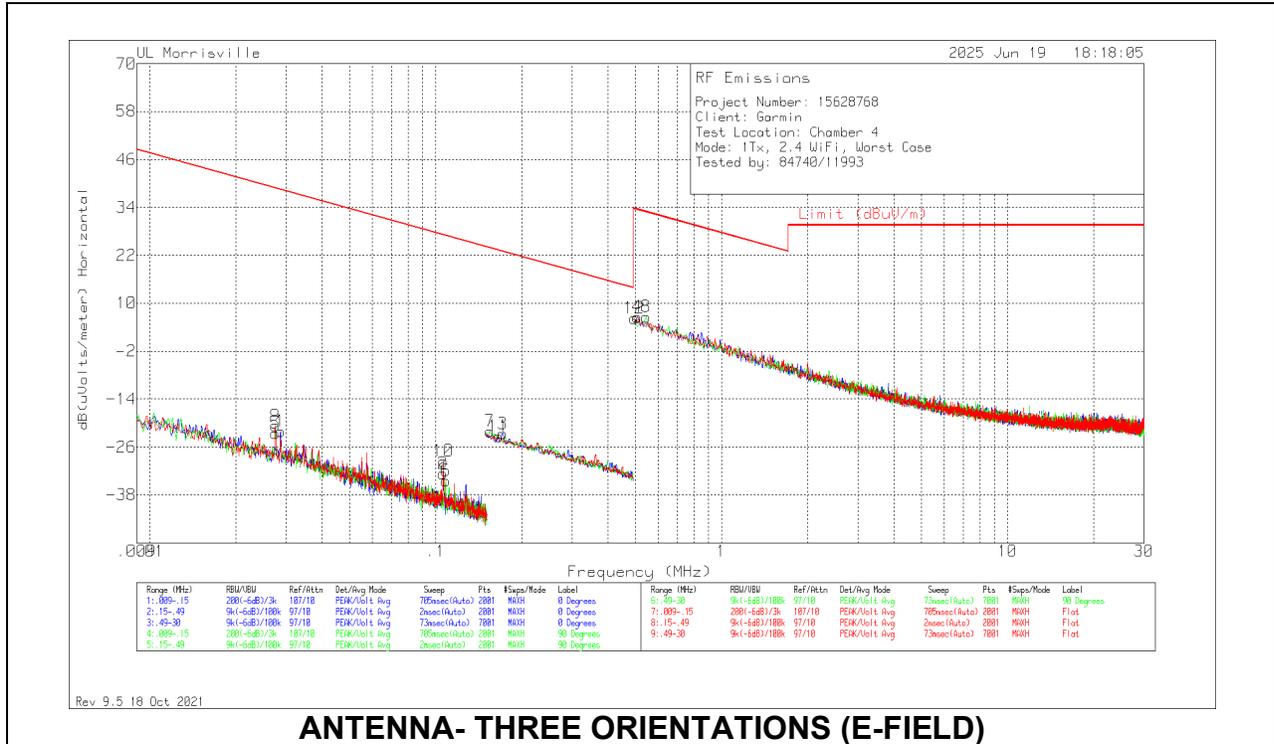
ANTENNA- THREE ORIENTATIONS (H-FIELD)

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	.01376	45.49	Pk	-34.4	0	-80	-68.91	-6.67	13.33	-62.24	0-360	90 degs
9	.02753	44.63	PK	-38.2	0	-80	-73.57	-12.69	7.31	-60.88	0-360	Flat
1	.02867	44.96	Pk	-38.3	0	-80	-73.34	-13.04	6.96	-60.3	0-360	0 degs
10	.10719	36.16	PK	-40.4	0	-80	-84.24	-24.5	-	-59.74	0-360	Flat
2	.10783	35.66	PK	-40.4	0	-80	-84.74	-24.55	-	-60.19	0-360	0 degs
6	.10812	34.69	PK	-40.4	0	-80	-85.71	-24.57	-	-61.14	0-360	90 degs
7	.15187	47.3	Pk	-40.5	0	-80	-73.2	-27.53	-7.53	-45.67	0-360	90 degs
3	.154	47.93	PK	-40.5	0	-80	-72.57	-27.65	-7.65	-44.92	0-360	0 degs
11	.1659	46.01	PK	-40.5	0	-80	-74.49	-28.29	-8.29	-46.2	0-360	Flat
4	.49422	35.23	PK	-40.5	.1	-40	-45.17	-17.77	-	-27.4	0-360	0 degs
8	.49843	35.77	PK	-40.5	.1	-40	-44.63	-17.85	-	-26.78	0-360	90 degs
12	.51108	35.6	PK	-40.5	.1	-40	-44.8	-18.07	-	-26.73	0-360	Flat

Pk - Peak detector

10.3.3. 2.4 WLAN

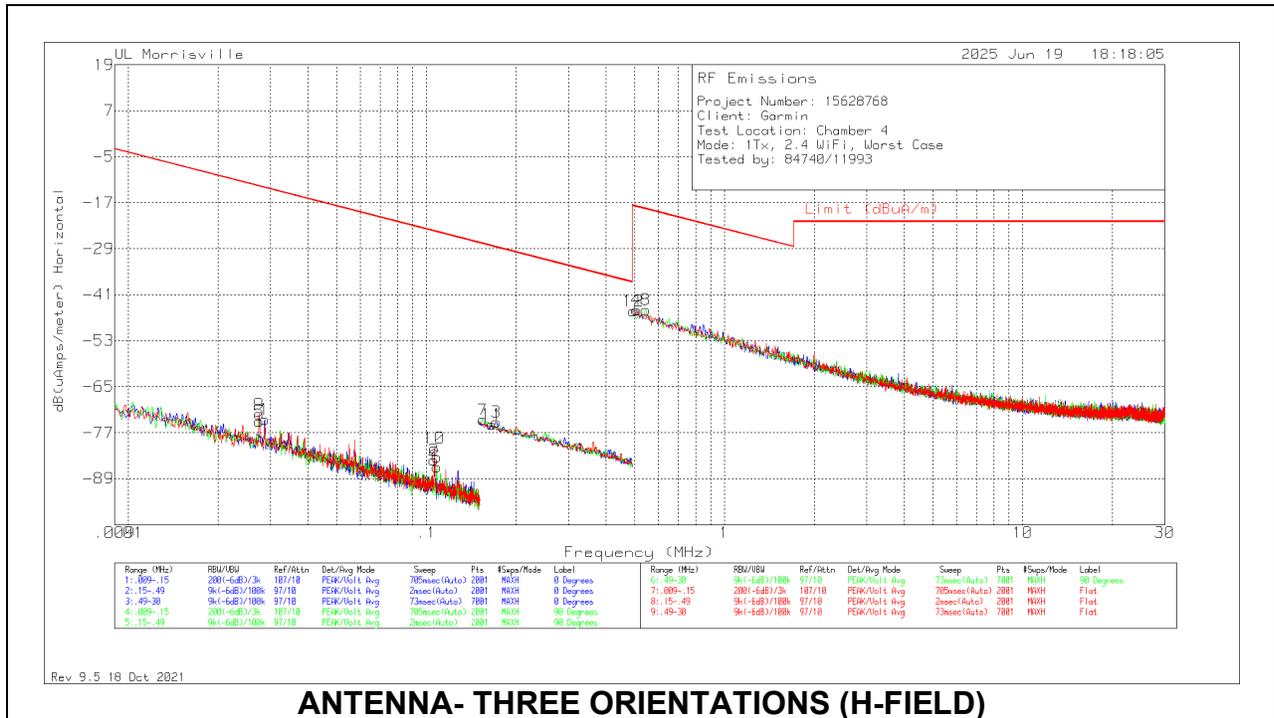
SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



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	.02746	46.03	Pk	13.3	0	-80	-20.67	38.83	58.83	-59.5	0-360	Flat
5	.02753	44.11	Pk	13.3	0	-80	-22.59	38.81	58.81	-61.4	0-360	90 degs
1	.02867	44.76	Pk	13.2	0	-80	-22.04	38.46	58.46	-60.5	0-360	0 degs
2	.10609	36.23	Pk	11.1	0	-80	-32.67	27.09	-	-59.76	0-360	0 degs
10	.10641	39.39	Pk	11.1	0	-80	-29.51	27.06	-	-56.57	0-360	Flat
6	.10847	34.47	Pk	11.1	0	-80	-34.43	26.9	-	-61.33	0-360	90 degs
7	.15459	46.87	Pk	11	0	-80	-22.13	23.82	43.82	-45.95	0-360	90 degs
11	.16556	45.64	Pk	11	0	-80	-23.36	23.23	43.23	-46.59	0-360	Flat
3	.17108	46.36	Pk	11	0	-80	-22.64	22.94	42.94	-45.58	0-360	0 degs
12	.49422	35.19	Pk	11	.1	-40	6.29	33.73	-	-27.44	0-360	Flat
4	.50686	35.41	Pk	11	.1	-40	6.51	33.51	-	-27	0-360	0 degs
8	.54481	35.47	Pk	11	.1	-40	6.57	32.88	-	-26.31	0-360	90 degs

Pk - Peak detector



ANTENNA- THREE ORIENTATIONS (H-FIELD)

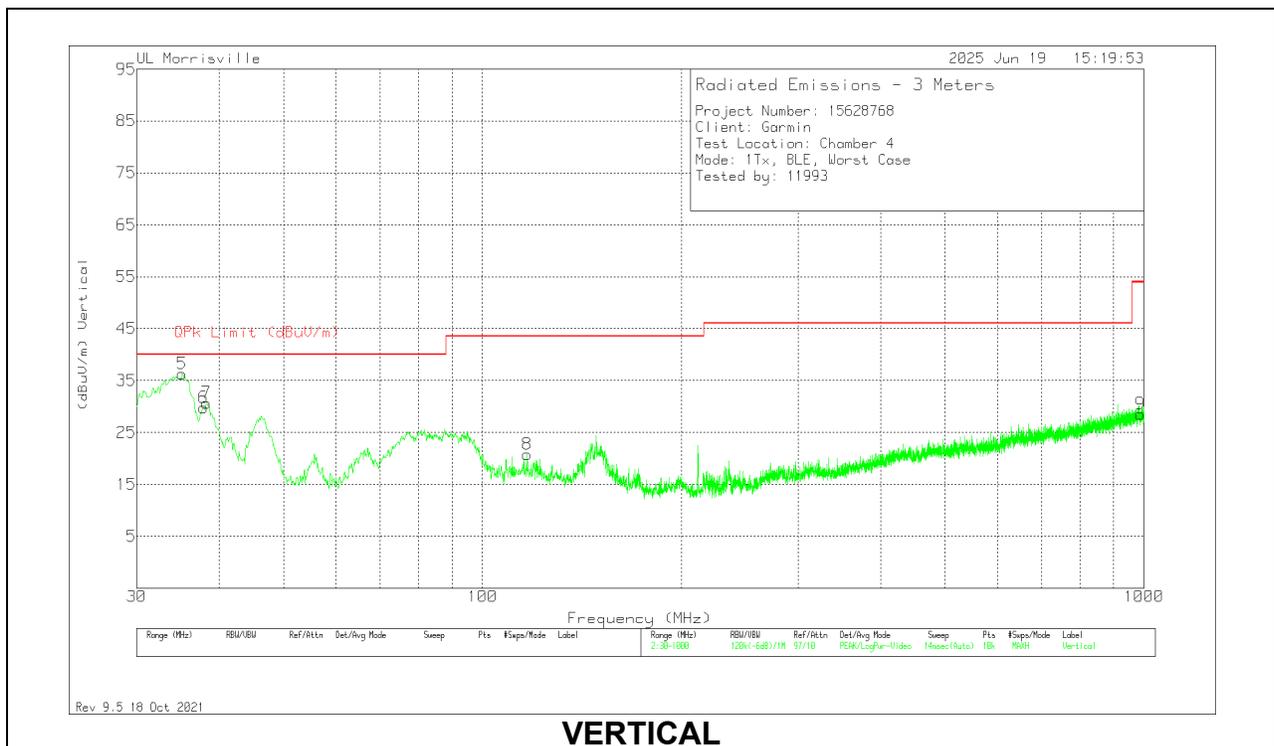
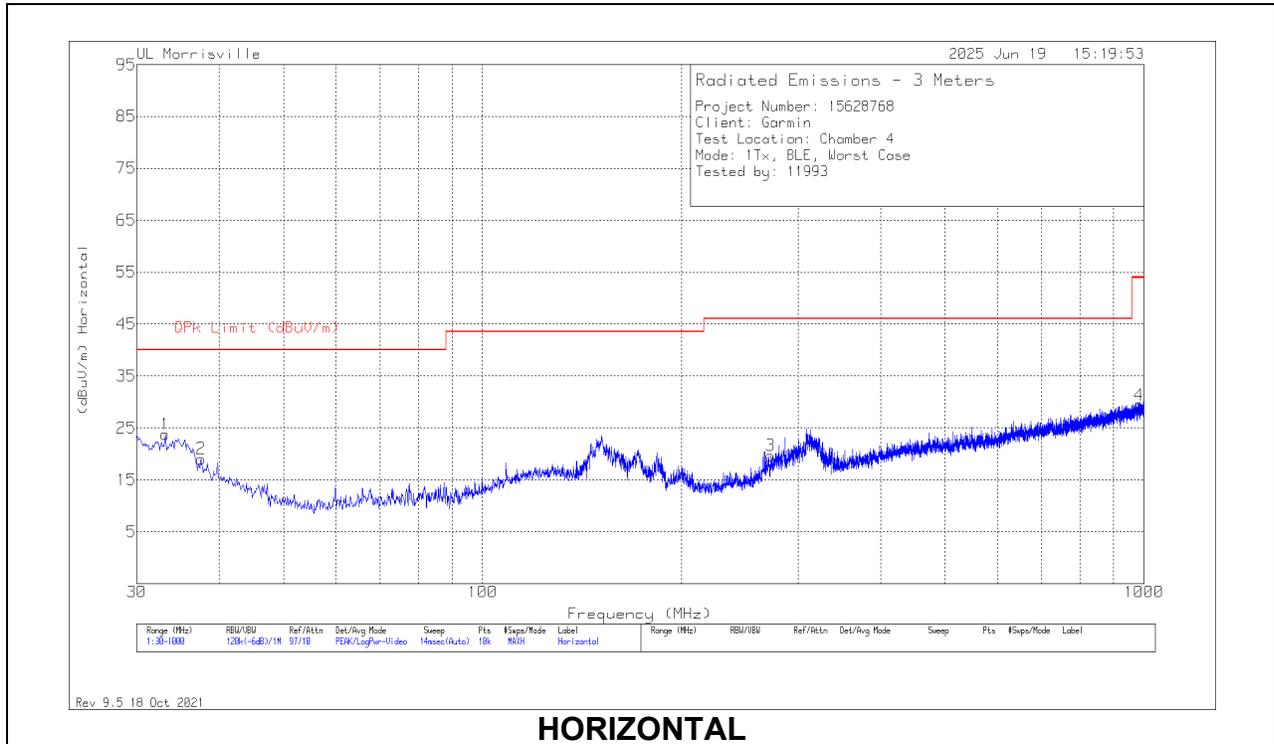
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBUA/m)	PK Limit (dBUA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
9	.02746	46.03	Pk	-38.2	0	-80	-72.17	-12.67	7.33	-59.5	0-360	Flat
5	.02753	44.11	Pk	-38.2	0	-80	-74.09	-12.69	7.31	-61.4	0-360	90 degs
1	.02867	44.76	Pk	-38.3	0	-80	-73.54	-13.04	6.96	-60.5	0-360	0 degs
2	.10609	36.23	Pk	-40.4	0	-80	-84.17	-24.41	-	-59.76	0-360	0 degs
10	.10641	39.39	Pk	-40.4	0	-80	-81.01	-24.44	-	-56.57	0-360	Flat
6	.10847	34.47	Pk	-40.4	0	-80	-85.93	-24.6	-	-61.33	0-360	90 degs
7	.15459	46.87	Pk	-40.5	0	-80	-73.63	-27.68	-7.68	-45.95	0-360	90 degs
11	.16556	45.64	Pk	-40.5	0	-80	-74.86	-28.27	-8.27	-46.59	0-360	Flat
3	.17108	46.36	Pk	-40.5	0	-80	-74.14	-28.56	-8.56	-45.58	0-360	0 degs
12	.49422	35.19	Pk	-40.5	.1	-40	-45.21	-17.77	-	-27.44	0-360	Flat
4	.50686	35.41	Pk	-40.5	.1	-40	-44.99	-17.99	-	-27	0-360	0 degs
8	.54481	35.47	Pk	-40.5	.1	-40	-44.93	-18.62	-	-26.31	0-360	90 degs

Pk - Peak detector

10.4. WORST CASE BELOW 1 GHZ

10.4.1. BLE

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



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
2	*** 37.566	29.25	Pk	21.8	-32	19.05	40	-20.95	0-360	200	H
3	*** 272.597	29.57	Pk	19.4	-29.3	19.67	46.02	-26.35	0-360	100	H
4	*** 982.831	24.85	Pk	29.1	-24.6	29.35	53.97	-24.62	0-360	100	H
6	*** 37.857	39.89	Pk	21.6	-31.7	29.79	40	-10.21	0-360	100	V
8	*** 116.912	31.86	Pk	19.8	-30.9	20.76	43.52	-22.76	0-360	100	V
9	*** 988.166	24.83	Pk	29.2	-25.5	28.53	53.97	-25.44	0-360	200	V
1	33.104	30.53	Pk	24.8	-31.6	23.73	-	-	0-360	100	H
5	35.141	44.46	Pk	23.5	-31.7	36.26	-	-	0-360	100	V
7	38.2935	40.89	Pk	21.3	-31.5	30.69	-	-	0-360	100	V

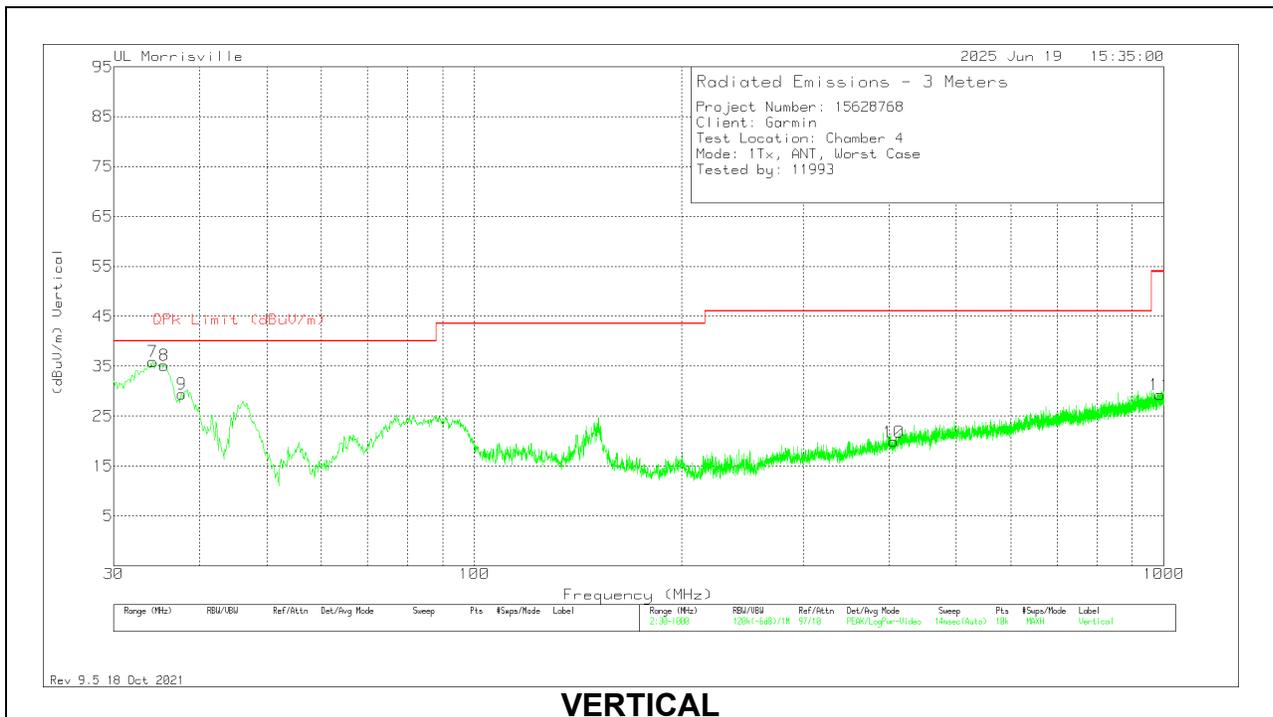
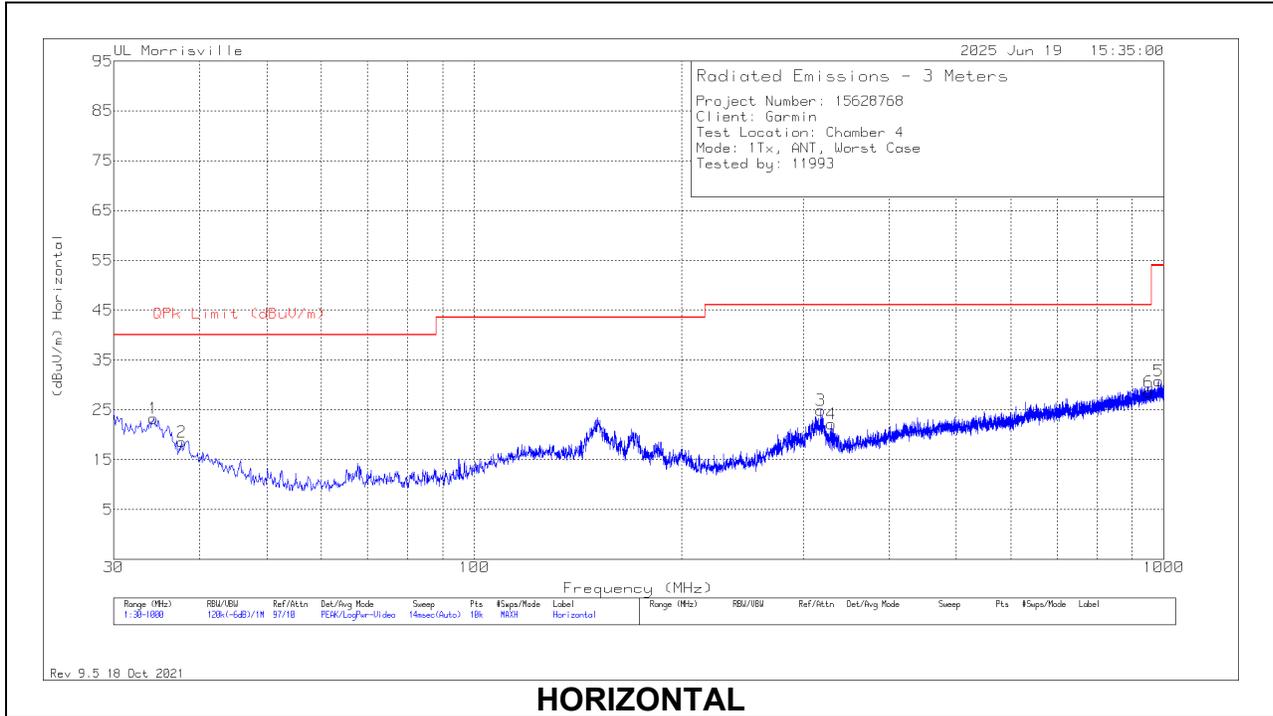
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.4.2. ANT/ANT+

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



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
2	*** 37.663	28.78	Pk	21.7	-31.9	18.58	40	-21.42	0-360	200	H
4	*** 329.439	31.58	Pk	20	-29.4	22.18	46.02	-23.84	0-360	100	H
5	*** 983.219	26.34	Pk	29.1	-24.6	30.84	53.97	-23.13	0-360	300	H
6	** 951.5	25.29	Pk	28.8	-25.6	28.49	46.02	-17.53	0-360	100	H
9	*** 37.663	39.6	Pk	21.7	-31.9	29.4	40	-10.6	0-360	100	V
10	*** 405.972	27.14	Pk	21.9	-29.2	19.84	46.02	-26.18	0-360	100	V
11	*** 987.099	25.23	Pk	29.2	-25.1	29.33	53.97	-24.64	0-360	200	V
7	34.171	43.28	Pk	24.1	-31.5	35.88	-	-	0-360	100	V
1	34.268	30.8	Pk	24	-31.5	23.3	-	-	0-360	200	H
8	35.529	43.62	Pk	23.2	-31.6	35.22	-	-	0-360	100	V
3	318.284	33.78	Pk	20	-28.9	24.88	-	-	0-360	100	H

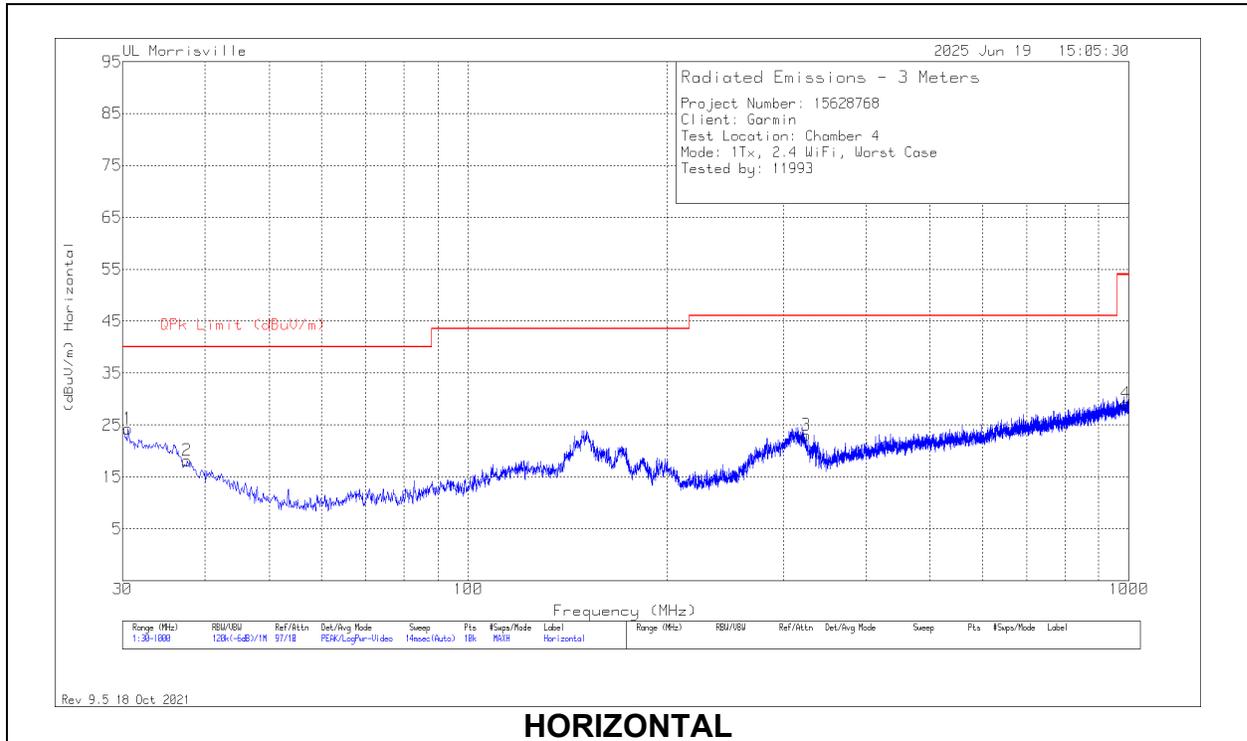
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

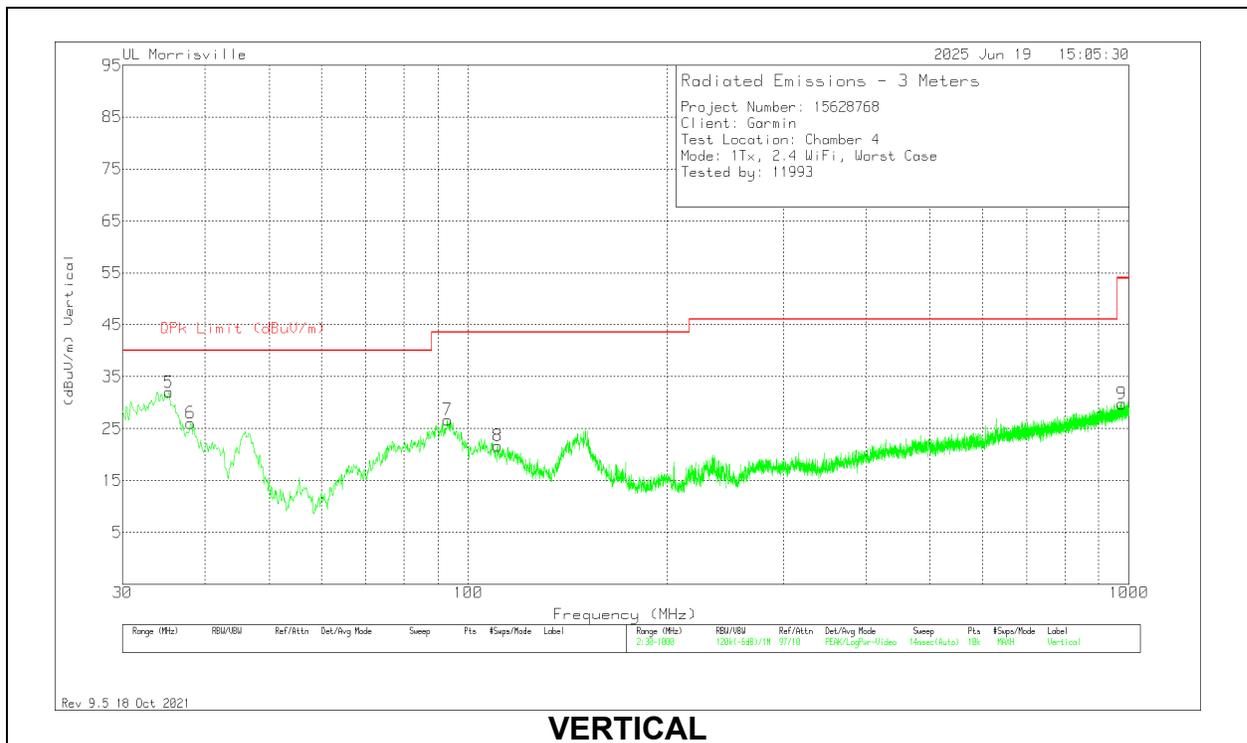
Pk - Peak detector

10.4.3. 2.4 WLAN

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



HORIZONTAL



VERTICAL

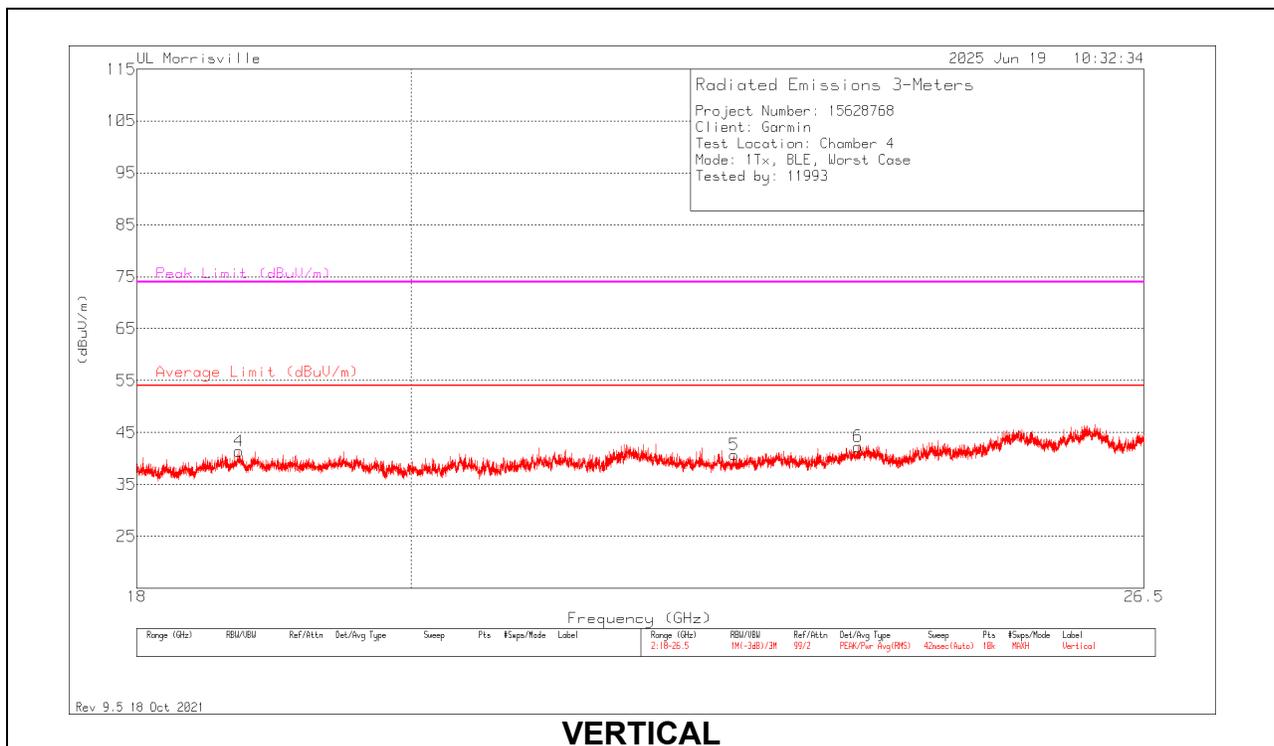
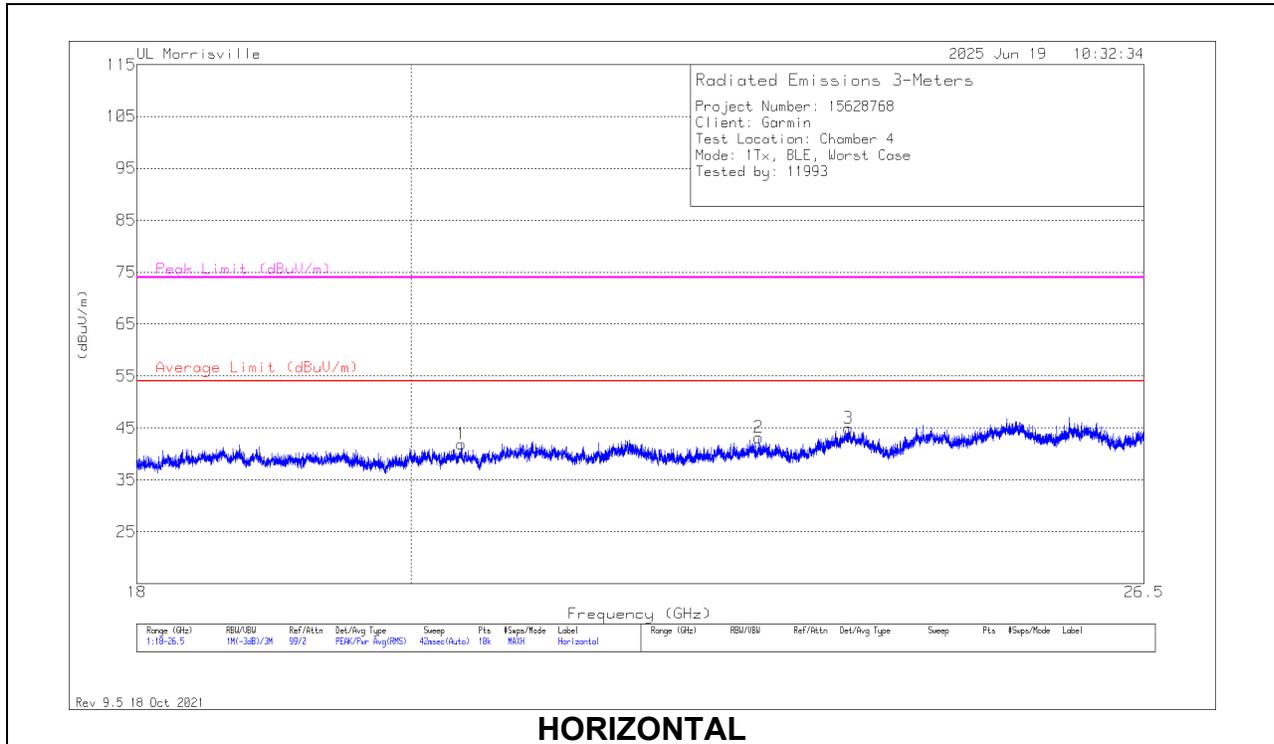
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90628 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 37.566	28.31	Pk	21.8	-32	18.11	40	-21.89	0-360	100	H
3	*** 324.686	32.38	Pk	20.1	-29.4	23.08	46.02	-22.94	0-360	100	H
4	*** 990.203	25.43	Pk	29.2	-25.5	29.13	53.97	-24.84	0-360	100	H
6	*** 38.051	36.1	Pk	21.5	-31.6	26	40	-14	0-360	100	V
8	*** 110.801	33.75	Pk	18.9	-31	21.65	43.52	-21.87	0-360	100	V
9	*** 974.877	26.27	Pk	29	-25.5	29.77	53.97	-24.2	0-360	100	V
1	30.582	29.26	Pk	26.5	-31.5	24.26	-	-	0-360	100	H
5	35.238	40.28	Pk	23.4	-31.7	31.98	-	-	0-360	100	V
7	93.05	42.87	Pk	14.5	-30.7	26.67	-	-	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

10.5. WORST CASE 18-26 GHZ

10.5.1. BLE

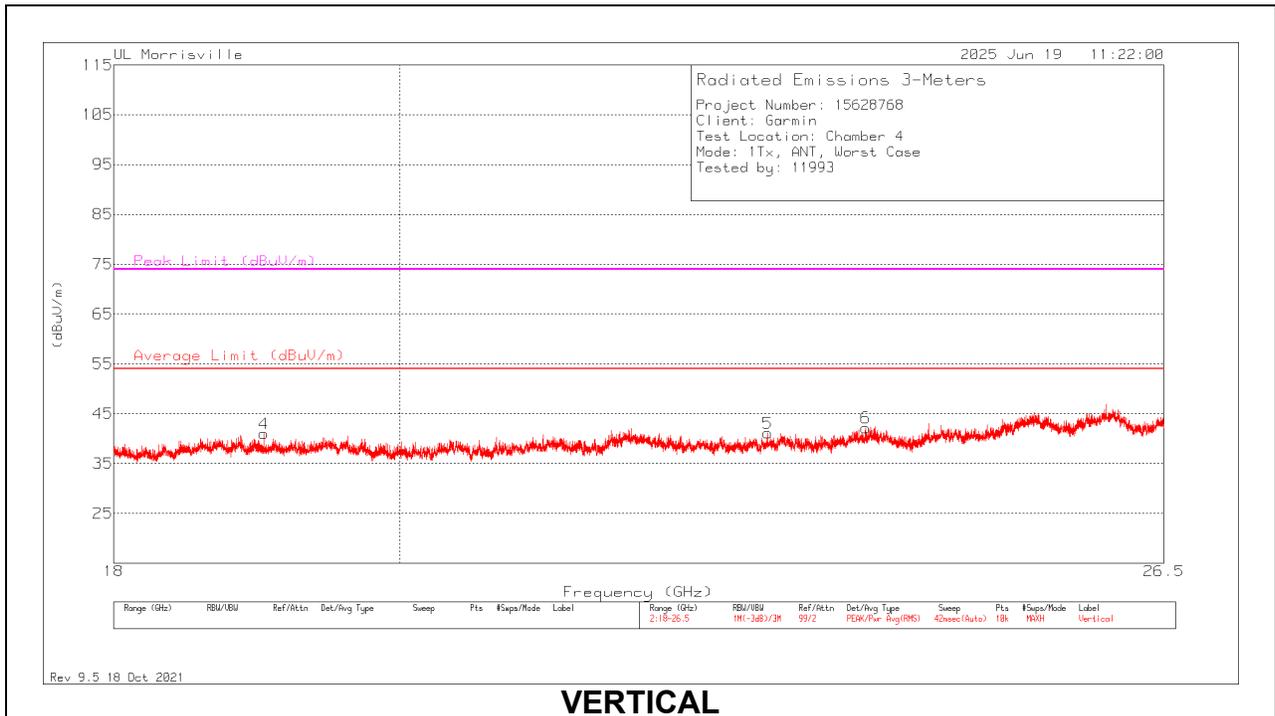
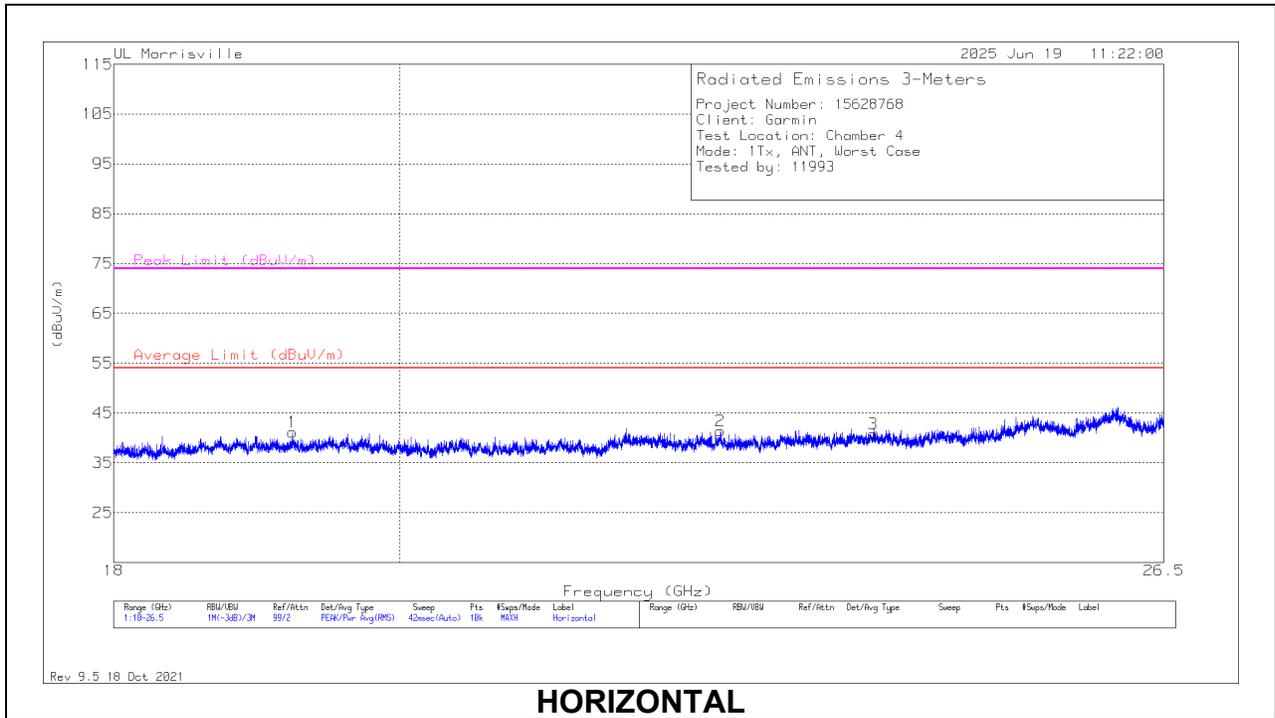
SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (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	*** 20.38826	49.66	Pk	32.8	-40.6	41.86	54	-12.14	74	-32.14	0-360	100	H
2	*** 22.85471	48.64	Pk	33.5	-39	43.14	54	-10.86	74	-30.86	0-360	100	H
3	*** 23.65618	49.66	Pk	33.8	-38.5	44.96	54	-9.04	74	-29.04	0-360	100	H
4	*** 18.71988	49.55	Pk	32.5	-40.7	41.35	54	-12.65	74	-32.65	0-360	150	V
5	*** 22.64309	47.11	Pk	33.4	-39.8	40.71	54	-13.29	74	-33.29	0-360	250	V
6	*** 23.74373	46.72	Pk	33.9	-38.3	42.32	54	-11.68	74	-31.68	0-360	300	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector

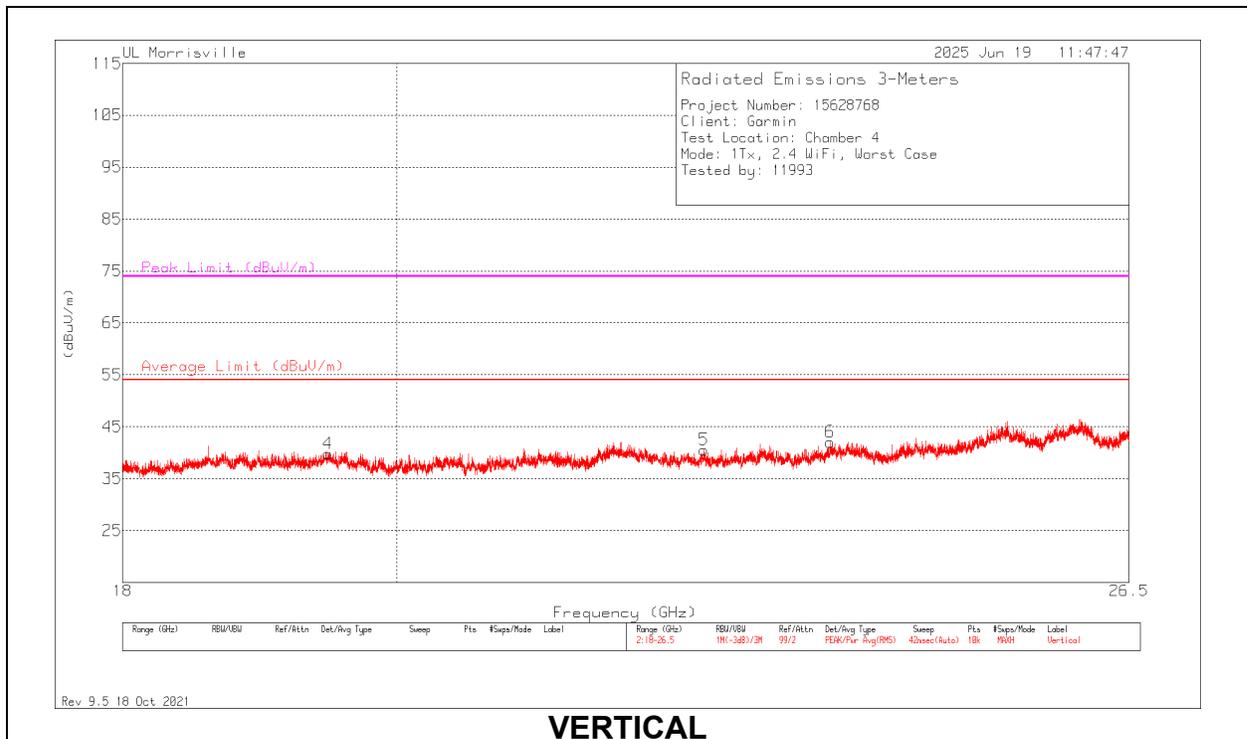
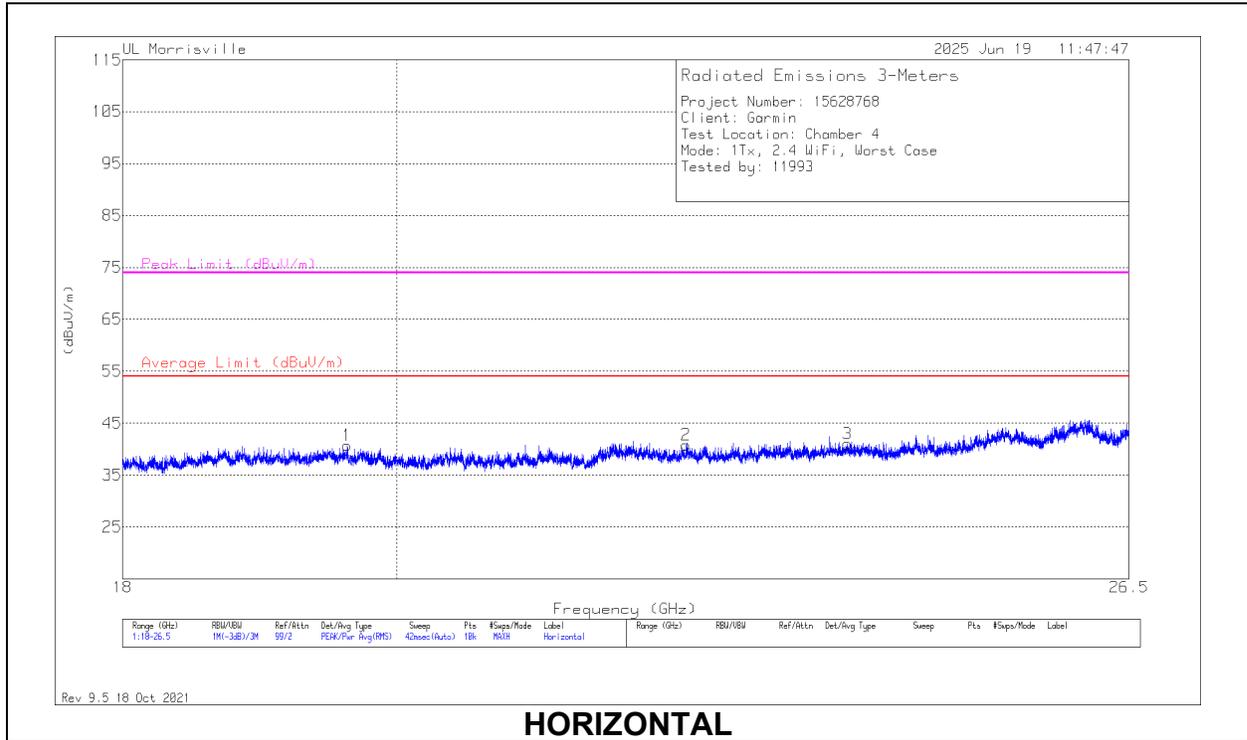
10.5.2. ANT/ANT+
SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (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	* ** 19.22643	49.27	Pk	32.6	-40.7	41.17	54	-12.83	74	-32.83	0-360	100	H
2	* ** 22.5088	47.42	Pk	33.4	-39.4	41.42	54	-12.58	74	-32.58	0-360	200	H
3	* ** 23.80747	45.61	Pk	34	-38.8	40.81	54	-13.19	74	-33.19	0-360	200	H
4	* ** 19.02245	49.37	Pk	32.5	-40.9	40.97	54	-13.03	74	-33.03	0-360	150	V
5	* ** 22.90231	47.39	Pk	33.5	-39.8	41.09	54	-12.91	74	-32.91	0-360	150	V
6	* ** 23.74628	46.5	Pk	33.9	-38.2	42.2	54	-11.8	74	-31.8	0-360	250	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector

10.5.3. 2.4 WLAN
SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (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	* ** 19.62334	49.01	Pk	32.5	-40.8	40.71	54	-13.29	74	-33.29	0-360	100	H
2	* ** 22.35071	47.53	Pk	33.3	-40.1	40.73	54	-13.27	74	-33.27	0-360	100	H
3	* ** 23.78452	45.07	Pk	34	-38.1	40.97	54	-13.03	74	-33.03	0-360	100	H
4	* ** 19.4797	47.87	Pk	32.7	-40.8	39.77	54	-14.23	74	-34.23	0-360	200	V
5	* ** 22.5088	46.51	Pk	33.4	-39.4	40.51	54	-13.49	74	-33.49	0-360	300	V
6	* ** 23.62474	46.6	Pk	33.8	-38.4	42	54	-12	74	-32	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

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.

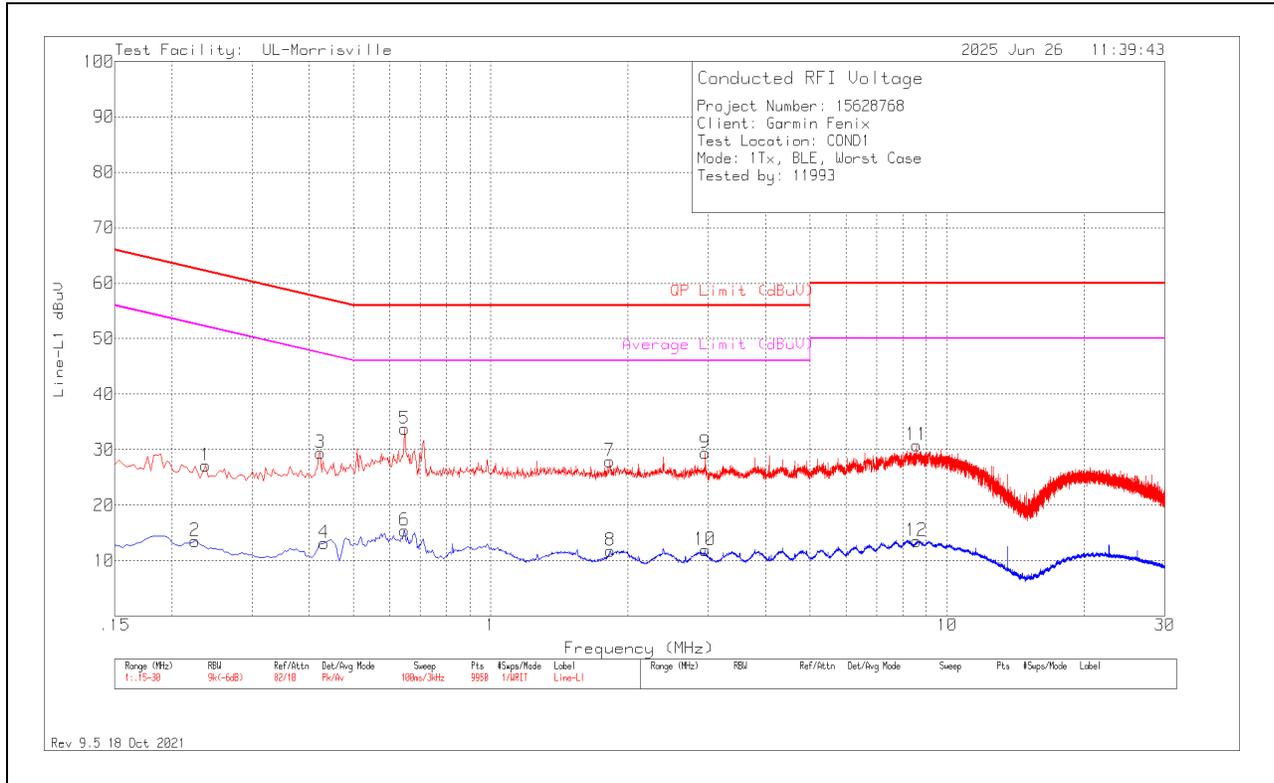
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

RESULTS

11.1.1. AC Power Line Norm (BLE)

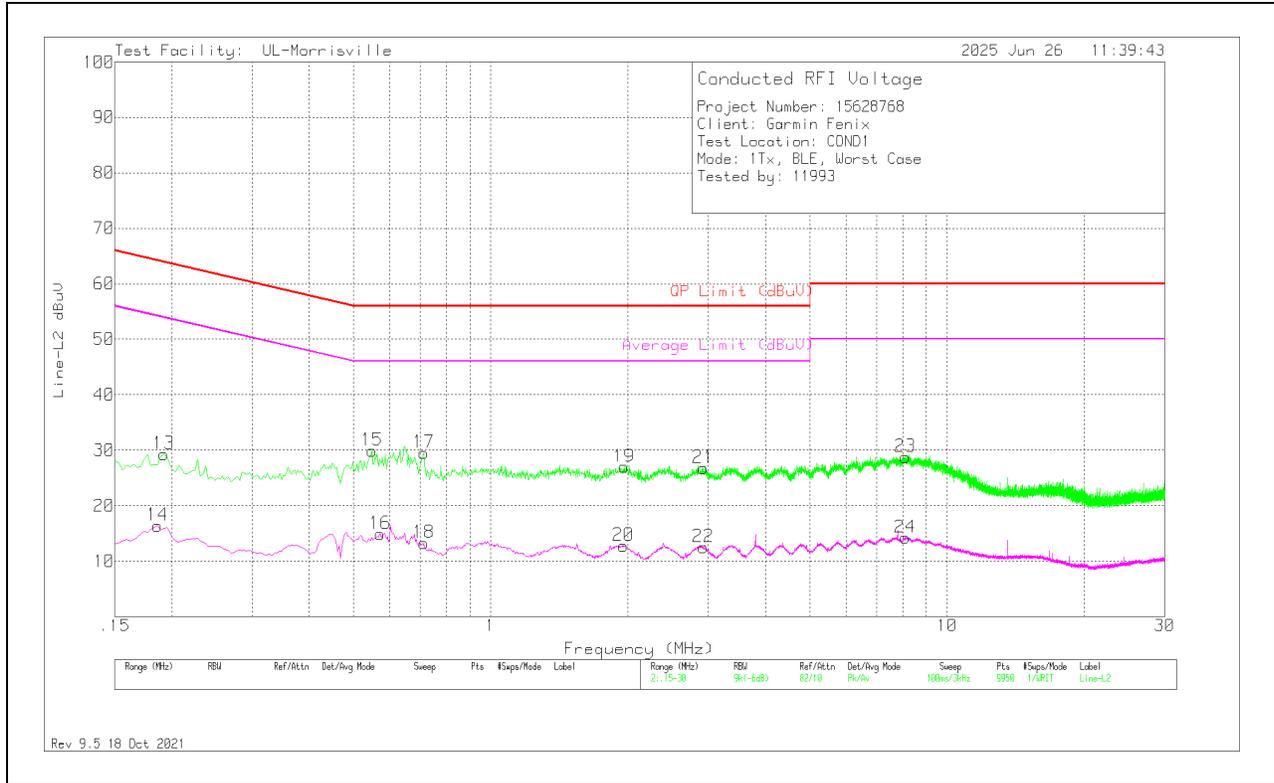
LINE 1 RESULTS



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)
2	.225	3.75	Av	.1	9.7	13.55	-	-	52.63	-39.08
1	.237	17.3	Pk	.1	9.7	27.1	62.2	-35.1	-	-
3	.423	19.59	Pk	.1	9.7	29.39	57.39	-28	-	-
4	.432	3.29	Av	.1	9.7	13.09	-	-	47.21	-34.12
5	.648	24.03	Pk	0	9.7	33.73	56	-22.27	-	-
6	.648	5.73	Av	0	9.7	15.43	-	-	46	-30.57
7	1.821	18.17	Pk	0	9.7	27.87	56	-28.13	-	-
8	1.83	2.05	Av	0	9.7	11.75	-	-	46	-34.25
9	2.949	19.72	Pk	0	9.7	29.42	56	-26.58	-	-
10	2.952	2.18	Av	0	9.7	11.88	-	-	46	-34.12
11	8.571	21.02	Pk	.1	9.7	30.82	60	-29.18	-	-
12	8.583	3.71	Av	.1	9.7	13.51	-	-	50	-36.49

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

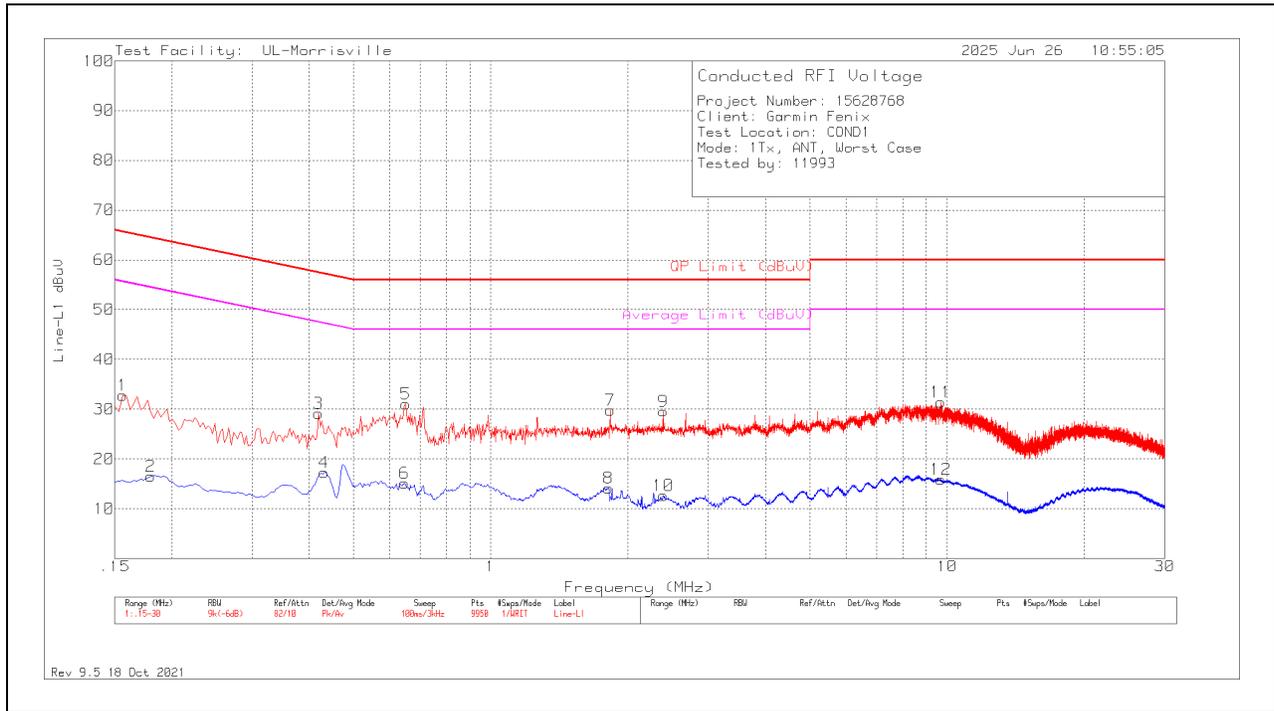


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
14	.186	6.47	Av	.2	9.7	16.37	-	-	54.21	-37.84
13	.192	19.43	Pk	.2	9.7	29.33	63.95	-34.62	-	-
15	.549	20.16	Pk	0	9.7	29.86	56	-26.14	-	-
16	.573	5.19	Av	0	9.7	14.89	-	-	46	-31.11
17	.714	19.88	Pk	0	9.7	29.58	56	-26.42	-	-
18	.714	3.54	Av	0	9.7	13.24	-	-	46	-32.76
20	1.956	3.11	Av	0	9.7	12.81	-	-	46	-33.19
19	1.959	17.27	Pk	0	9.7	26.97	56	-29.03	-	-
21	2.919	17.05	Pk	0	9.7	26.75	56	-29.25	-	-
22	2.922	2.81	Av	0	9.7	12.51	-	-	46	-33.49
24	8.106	4.41	Av	.1	9.7	14.21	-	-	50	-35.79
23	8.112	18.99	Pk	.1	9.7	28.79	60	-31.21	-	-

Pk - Peak detector
 Av - Average detection

11.1.2. AC Power Line Norm (ANT/ANT+)

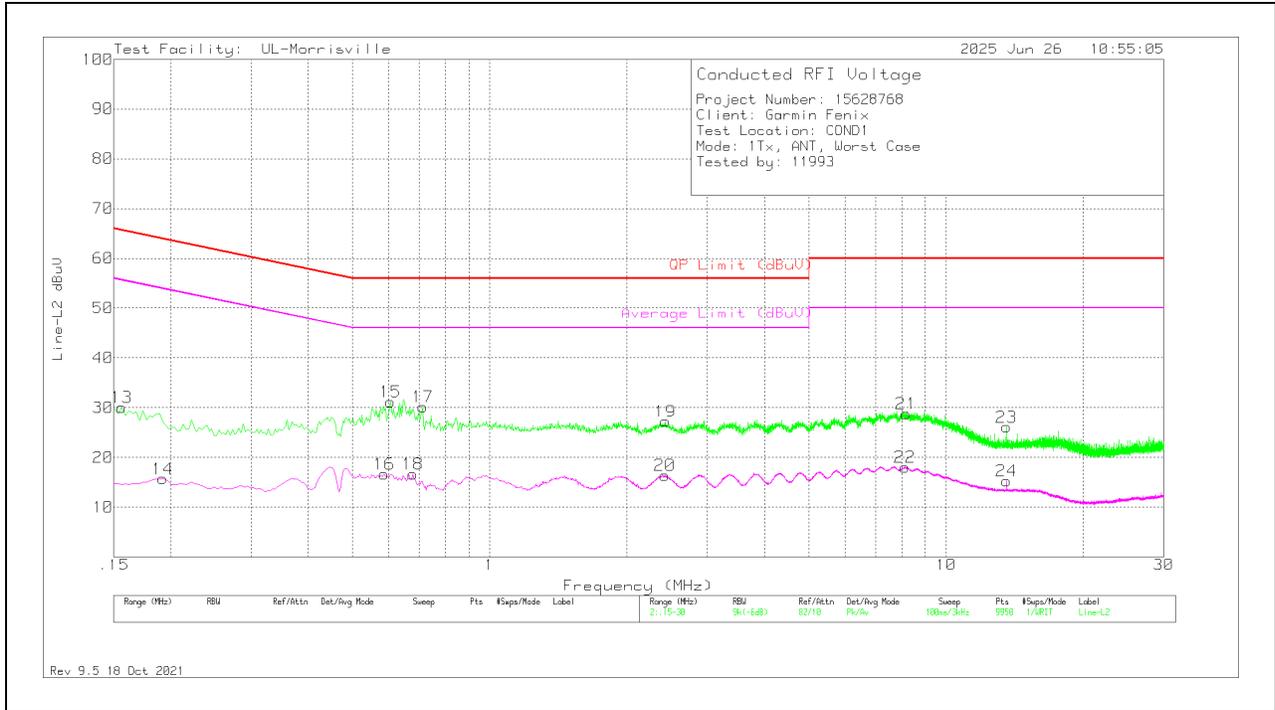
LINE 1 RESULTS



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	.156	22.87	Pk	.2	9.7	32.77	65.67	-32.9	-	-
2	.18	6.57	Av	.2	9.7	16.47	-	-	54.49	-38.02
3	.42	19.32	Pk	.1	9.7	29.12	57.45	-28.33	-	-
4	.432	7.51	Av	.1	9.7	17.31	-	-	47.21	-29.9
6	.648	5.47	Av	0	9.7	15.17	-	-	46	-30.83
5	.651	21.29	Pk	0	9.7	30.99	56	-25.01	-	-
8	1.809	4.45	Av	0	9.7	14.15	-	-	46	-31.85
7	1.827	20.06	Pk	0	9.7	29.76	56	-26.24	-	-
9	2.388	19.89	Pk	0	9.7	29.59	56	-26.41	-	-
10	2.388	2.91	Av	0	9.7	12.61	-	-	46	-33.39
11	9.696	21.62	Pk	.1	9.7	31.42	60	-28.58	-	-
12	9.696	6.06	Av	.1	9.7	15.86	-	-	50	-34.14

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

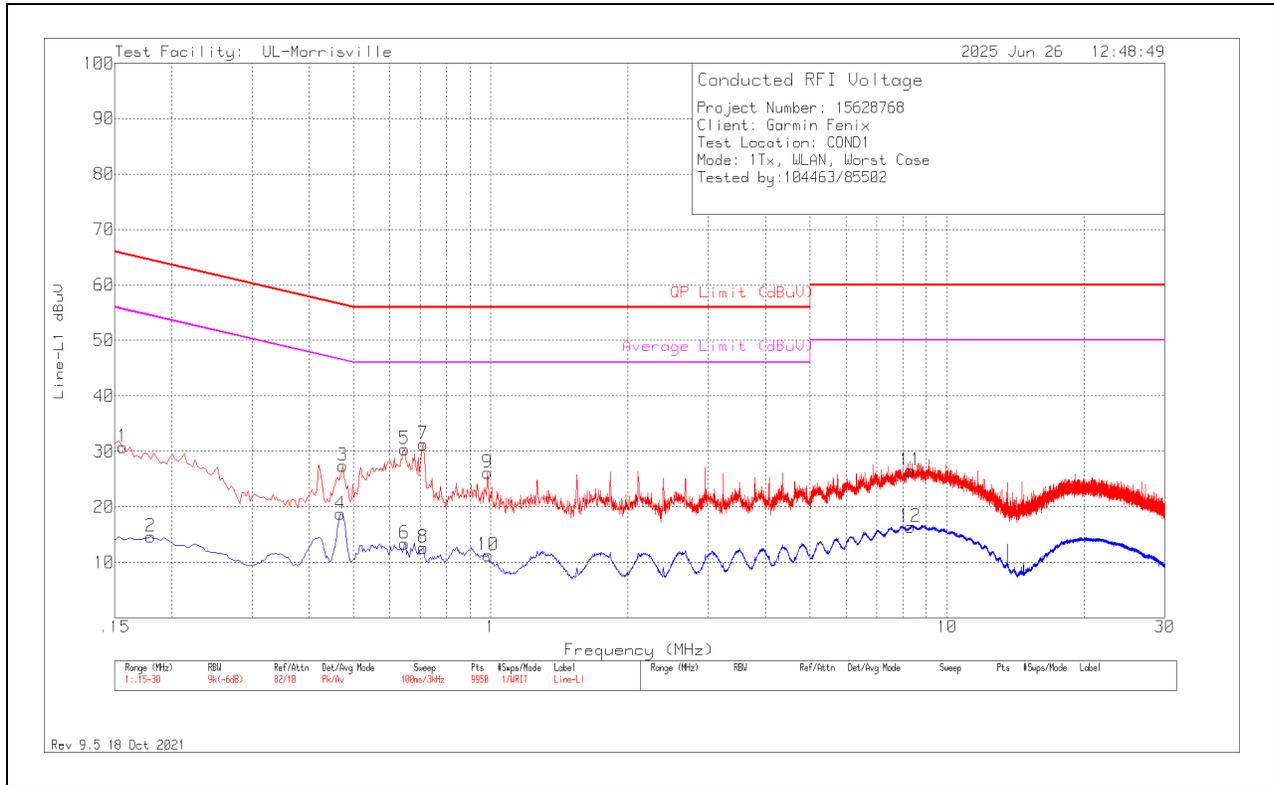


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.156	20.11	Pk	.2	9.7	30.01	65.67	-35.66	-	-
14	.192	5.8	Av	.2	9.7	15.7	-	-	53.95	-38.25
16	.588	6.97	Av	0	9.7	16.67	-	-	46	-29.33
15	.606	21.43	Pk	0	9.7	31.13	56	-24.87	-	-
18	.678	6.92	Av	0	9.7	16.62	-	-	46	-29.38
17	.714	20.45	Pk	0	9.7	30.15	56	-25.85	-	-
20	2.418	6.66	Av	0	9.7	16.36	-	-	46	-29.64
19	2.427	17.52	Pk	0	9.7	27.22	56	-28.78	-	-
22	8.133	8.23	Av	.1	9.7	18.03	-	-	50	-31.97
21	8.184	19	Pk	.1	9.7	28.8	60	-31.2	-	-
23	13.56	16.19	Pk	.1	9.8	26.09	60	-33.91	-	-
24	13.563	5.35	Av	.1	9.8	15.25	-	-	50	-34.75

Pk - Peak detector
 Av - Average detection

11.1.3. AC Power Line Norm (2.4 WLAN)

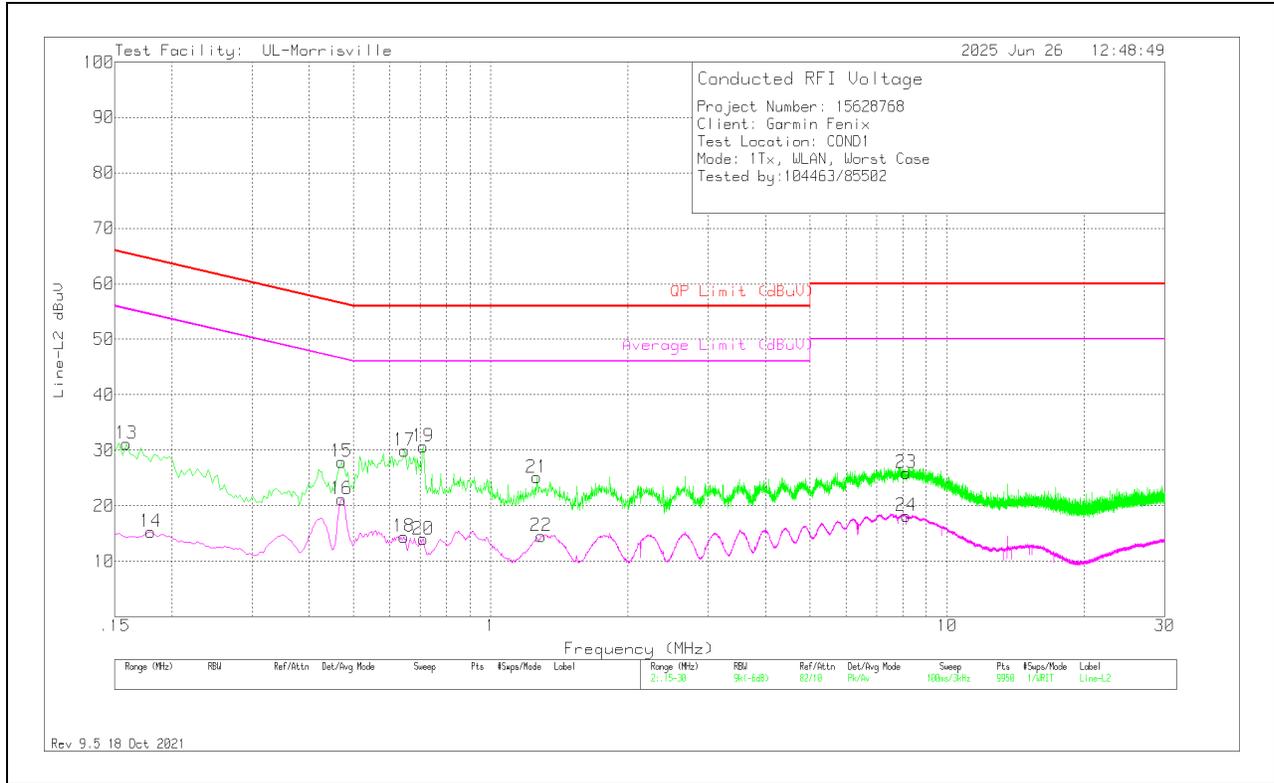
LINE 1 RESULTS



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	.156	20.92	Pk	.2	9.7	30.82	65.67	-34.85	-	-	
2	.18	4.74	Av	.2	9.7	14.64	-	-	54.49	-39.85	
4	.468	9.01	Av	0	9.7	18.71	-	-	46.55	-27.84	
3	.474	17.69	Pk	0	9.7	27.39	56.44	-29.05	-	-	
5	.648	20.74	Pk	0	9.7	30.44	56	-25.56	-	-	
6	.648	3.66	Av	0	9.7	13.36	-	-	46	-32.64	
7	.711	21.59	Pk	0	9.7	31.29	56	-24.71	-	-	
8	.711	2.98	Av	0	9.7	12.68	-	-	46	-33.32	
9	.984	16.42	Pk	0	9.7	26.12	56	-29.88	-	-	
10	.987	1.6	Av	0	9.7	11.3	-	-	46	-34.7	
11	8.298	16.73	Pk	.1	9.7	26.53	60	-33.47	-	-	
12	8.313	6.63	Av	.1	9.7	16.43	-	-	50	-33.57	

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	.159	21.27	Pk	.2	9.7	31.17	65.52	-34.35	-	-
14	.18	5.34	Av	.2	9.7	15.24	-	-	54.49	-39.25
15	.471	18.23	Pk	0	9.7	27.93	56.5	-28.57	-	-
16	.471	11.48	Av	0	9.7	21.18	-	-	46.5	-25.32
18	.645	4.7	Av	0	9.7	14.4	-	-	46	-31.6
17	.648	20.23	Pk	0	9.7	29.93	56	-26.07	-	-
19	.711	20.96	Pk	0	9.7	30.66	56	-25.34	-	-
20	.711	4.25	Av	0	9.7	13.95	-	-	46	-32.05
21	1.263	15.39	Pk	0	9.7	25.09	56	-30.91	-	-
22	1.29	4.8	Av	0	9.7	14.5	-	-	46	-31.5
23	8.139	16.08	Pk	.1	9.7	25.88	60	-34.12	-	-
24	8.139	8.36	Av	.1	9.7	18.16	-	-	50	-31.84

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R15628768-EP1 for setup photos

END OF TEST REPORT