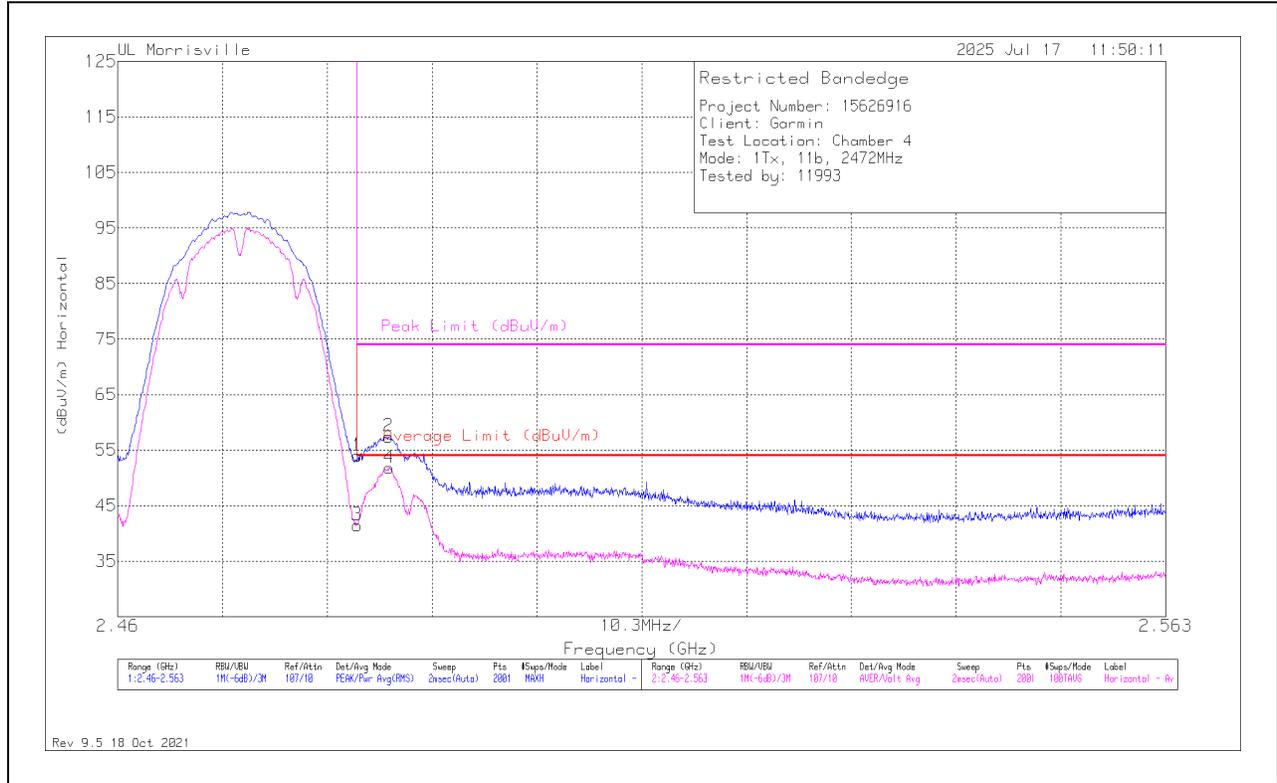


BANDEDGE (HIGH CHANNEL, CH 13)

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	44.88	Pk	32.3	-23.2	53.98	-	-	74	-20.02	261	382	H
2	* ** 2.48663	48.44	Pk	32.4	-23.4	57.44	-	-	74	-16.56	261	382	H
3	* ** 2.48354	32.37	ADV	32.3	-23.2	41.47	54	-12.53	-	-	261	382	H
4	* ** 2.48668	42.77	ADV	32.4	-23.4	51.77	54	-2.23	-	-	261	382	H

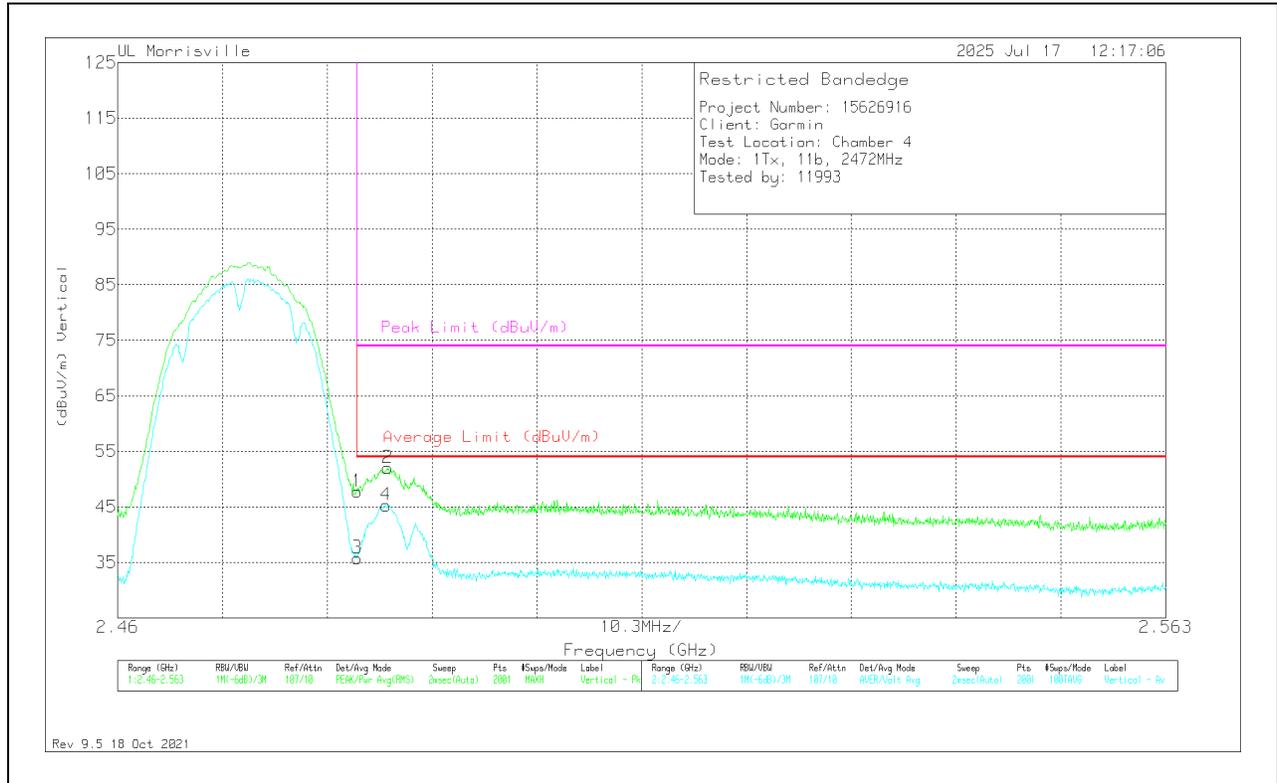
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

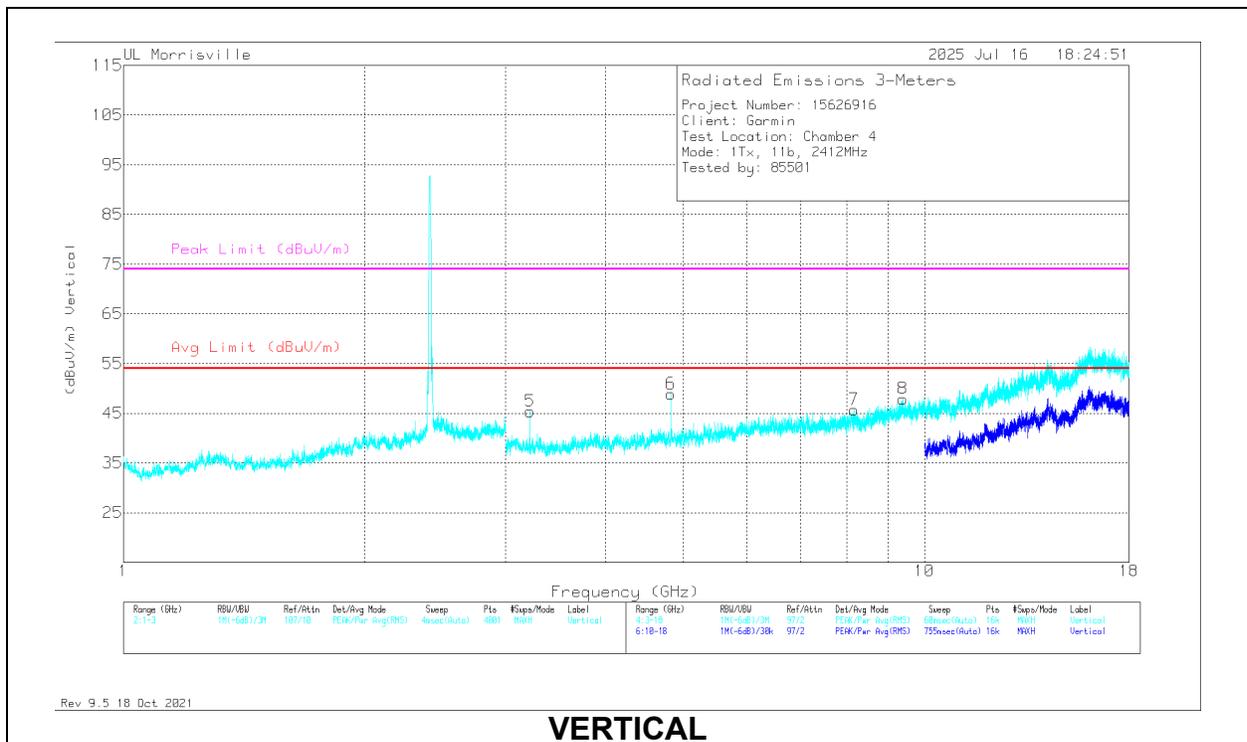
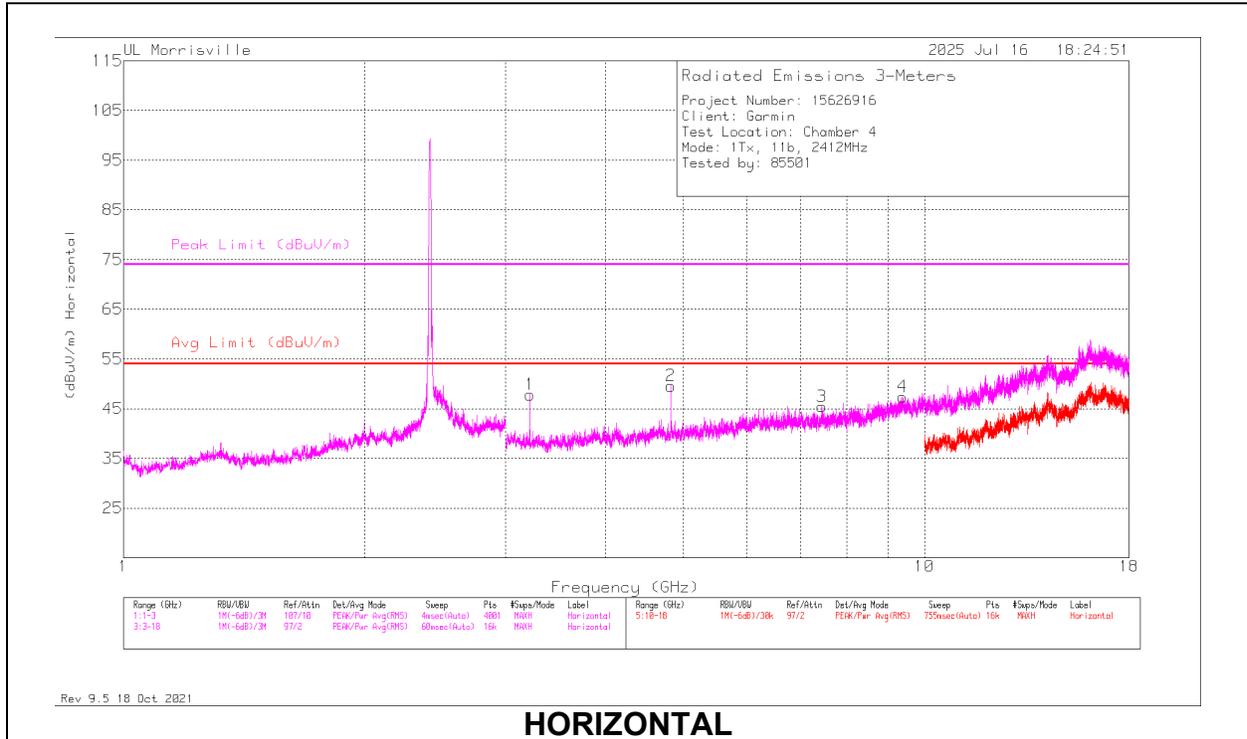


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	38.64	Pk	32.3	-23.2	47.74	-	-	74	-26.26	4	318	V
2	* ** 2.48652	43.01	Pk	32.4	-23.4	52.01	-	-	74	-21.99	4	318	V
3	* ** 2.48354	26.61	ADV	32.3	-23.2	35.71	54	-18.29	-	-	4	318	V
4	* ** 2.48637	36.27	ADV	32.4	-23.4	45.27	54	-8.73	-	-	4	318	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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
2	*** 4.824	51.94	PK2	33.9	-32.7	53.14	-	-	74	-20.86	341	113	H
	*** 4.82402	49.09	ADV	33.9	-32.7	50.29	54	-3.71	-	-	341	113	
3	*** 7.44656	37.64	Pk	35.6	-27.8	45.44	54	-8.56	74	-28.56	0-360	100	H
4	*** 9.39094	35.59	Pk	36.5	-24.7	47.39	54	-6.61	74	-26.61	0-360	100	H
6	*** 4.82408	49.04	PK2	33.9	-32.7	50.24	-	-	74	-23.76	246	168	V
	*** 4.82401	44.78	ADV	33.9	-32.7	45.98	54	-8.02	-	-	246	168	V
7	*** 8.16938	37.1	Pk	35.6	-27	45.7	54	-8.3	74	-28.3	0-360	200	V
8	*** 9.39656	35.41	Pk	36.5	-24	47.91	54	-6.09	74	-26.09	0-360	200	V
1	3.21563	50.52	Pk	32.8	-35.5	47.82	-	-	-	-	0-360	100	H
5	3.21563	48.1	Pk	32.8	-35.5	45.4	-	-	-	-	0-360	200	V

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

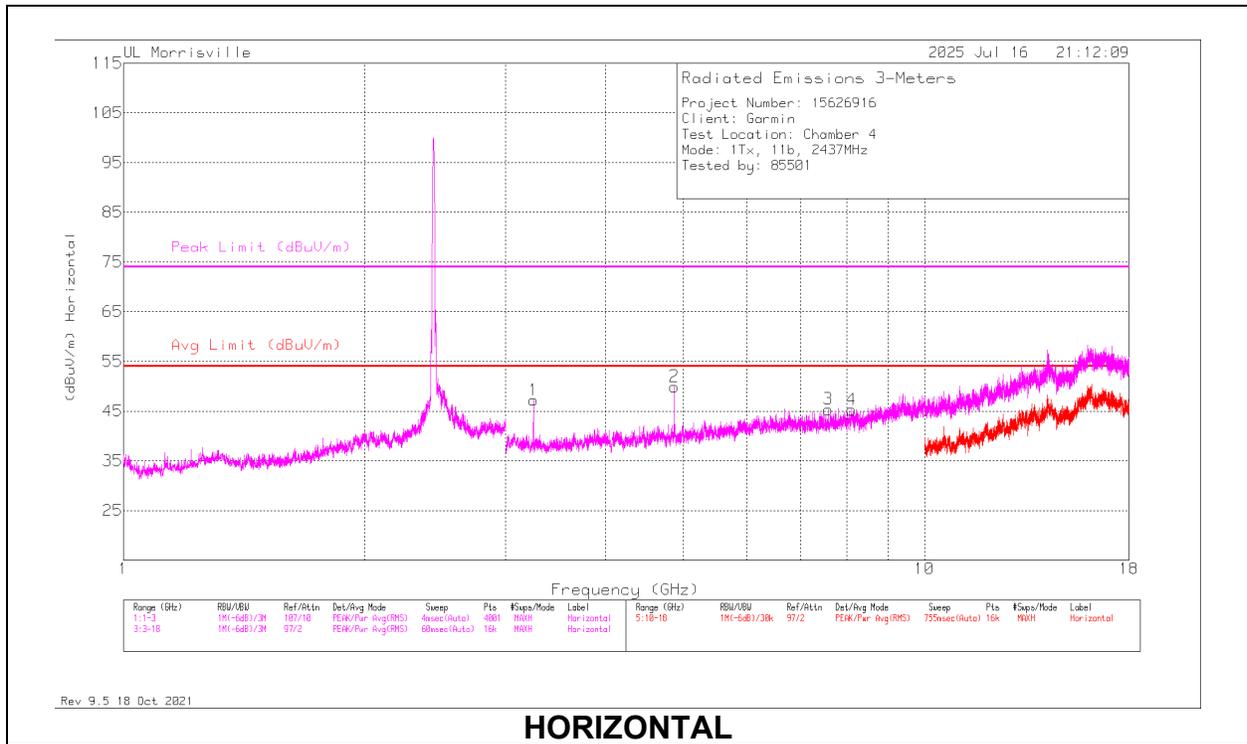
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

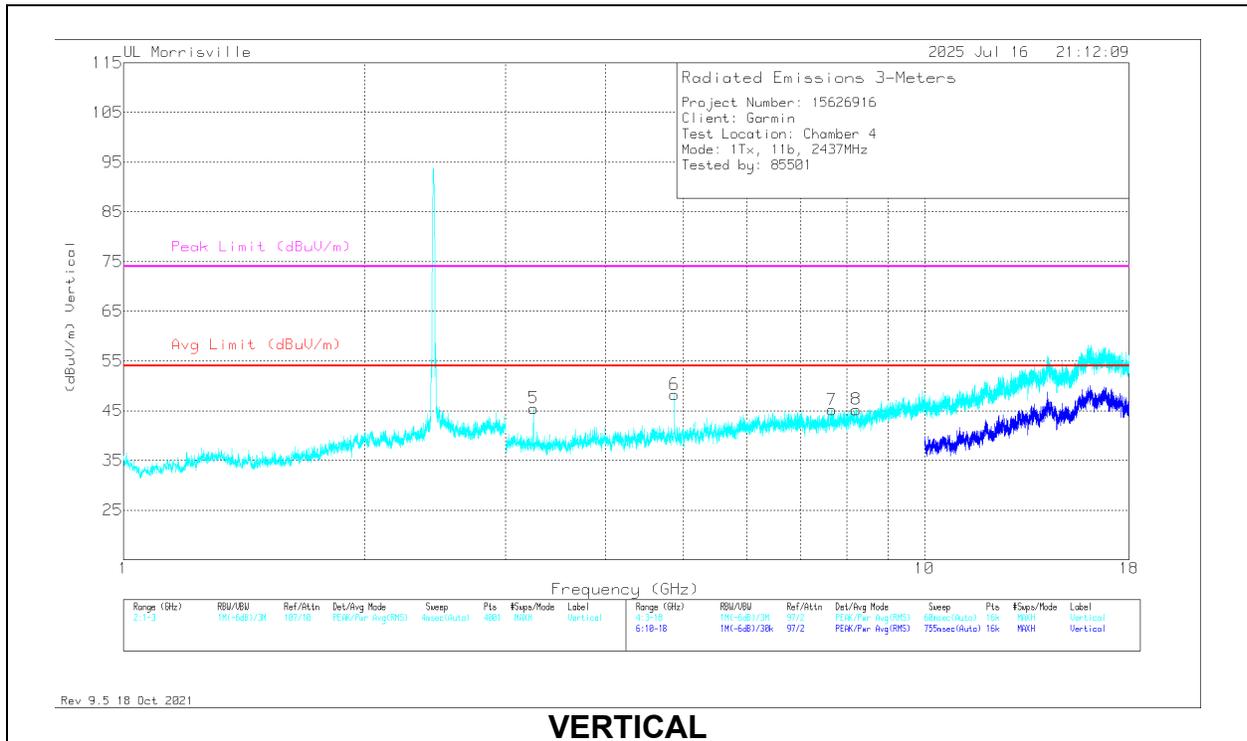
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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
2	*** 4.87405	50.29	PK2	33.9	-31.1	53.09	-	-	74	-20.91	342	110	H
	*** 4.87402	47.34	ADV	33.9	-31.2	50.04	54	-3.96	-	-	342	110	H
3	*** 7.58438	37.87	Pk	35.6	-28.1	45.37	54	-8.63	74	-28.63	0-360	100	H
4	*** 8.115	36.37	Pk	35.6	-26.7	45.27	54	-8.73	74	-28.73	0-360	100	H
6	*** 4.874	47.55	PK2	33.9	-31.2	50.25	-	-	74	-23.75	112	136	V
	*** 4.87404	43.27	ADV	33.9	-31.1	46.07	54	-7.93	-	-	112	136	V
7	*** 7.66688	37.17	Pk	35.6	-27.6	45.17	54	-8.83	74	-28.83	0-360	200	V
8	*** 8.21719	36.15	Pk	35.7	-26.6	45.25	54	-8.75	74	-28.75	0-360	200	V

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

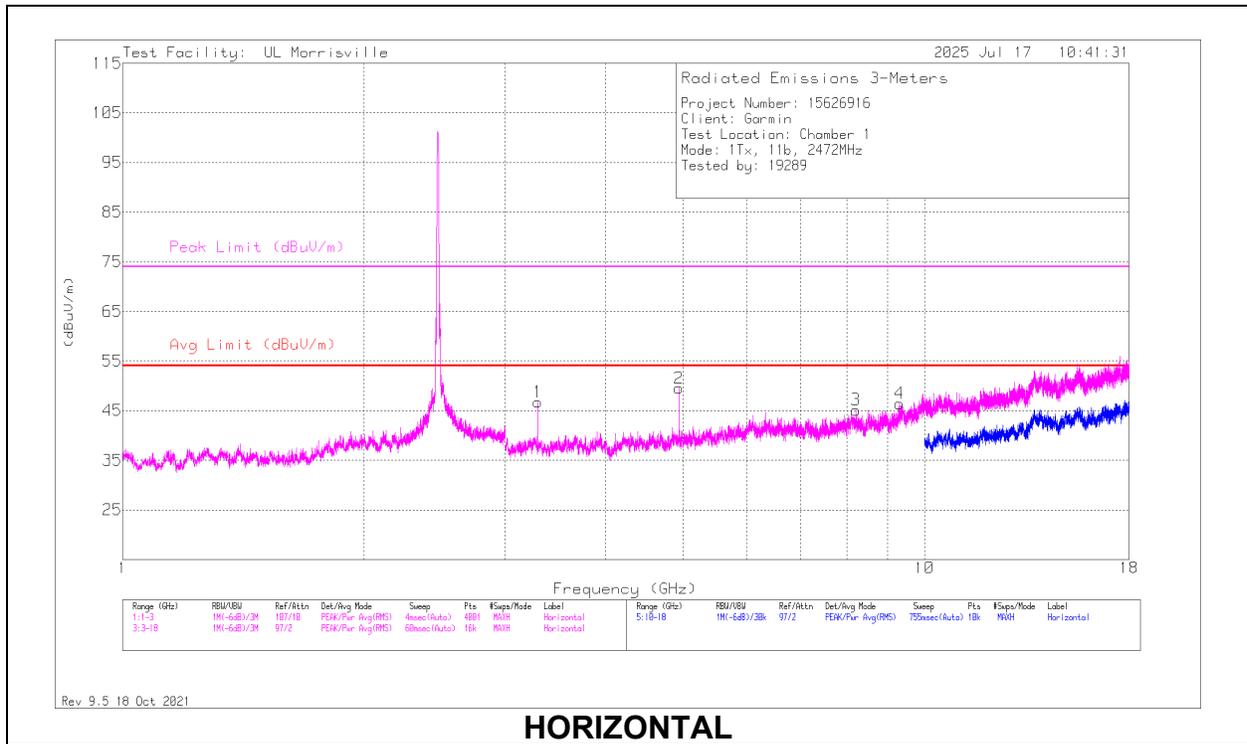
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

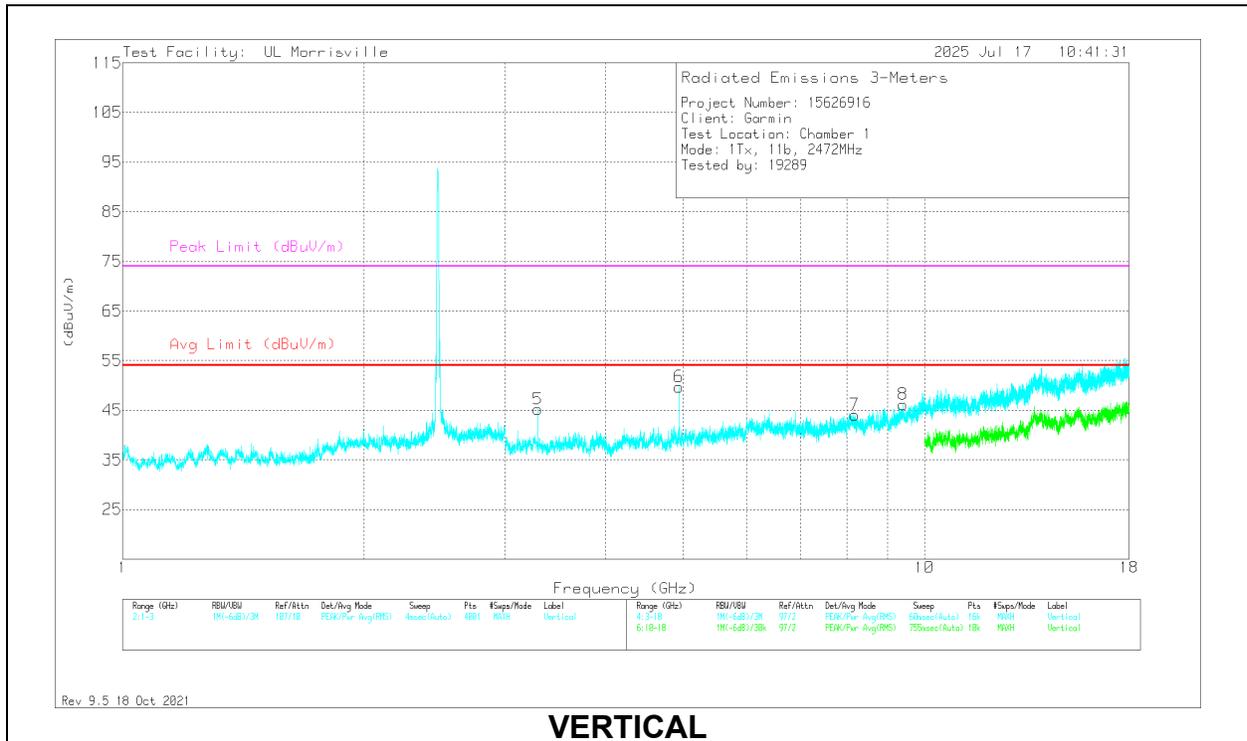
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

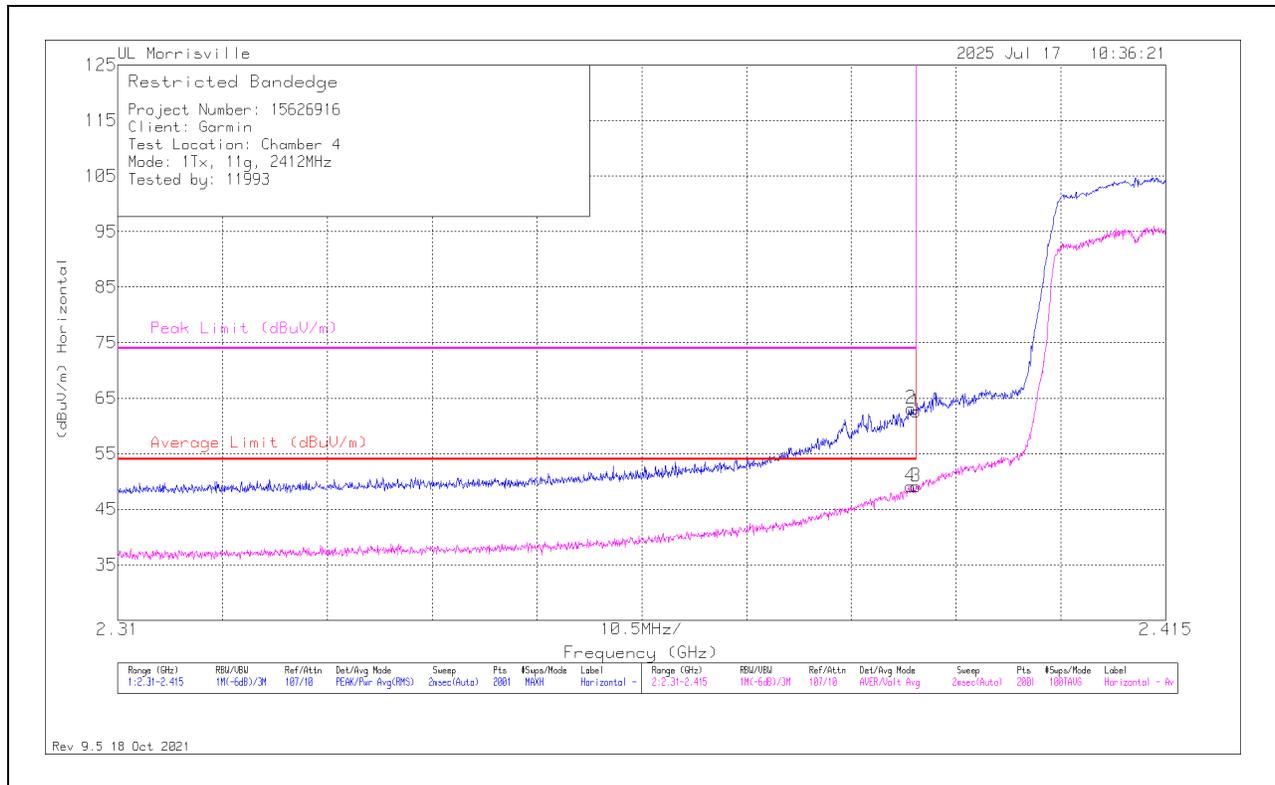
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 4.944	64.14	PK2	34.1	-45.4	52.84	-	-	74	-21.16	278	116	H
	*** 4.94399	61.56	ADV	34.1	-45.4	50.26	54	-3.74	-	-	278	116	H
3	*** 8.22	50.54	Pk	35.9	-41.3	45.14	54	-8.86	74	-28.86	0-360	101	H
4	*** 9.31125	50.38	Pk	36.1	-40.1	46.38	54	-7.62	74	-27.62	0-360	199	H
6	*** 4.94401	64.58	PK2	34.1	-45.4	53.28	-	-	74	-20.72	288	121	V
	*** 4.94398	61.92	ADV	34.1	-45.4	50.62	54	-3.38	-	-	288	121	V
7	*** 8.18625	50.15	Pk	35.9	-42	44.05	54	-9.95	74	-29.95	0-360	199	V
8	*** 9.40688	50.04	Pk	36.3	-40.2	46.14	54	-7.86	74	-27.86	0-360	199	V
1	3.29531	59.13	Pk	32.7	-45.1	46.73	-	-	-	-	0-360	101	H
5	3.29531	57.57	Pk	32.7	-45.1	45.17	-	-	-	-	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

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

BANDEDGE (LOW CHANNEL, CH 1)

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	53.62	Pk	32	-23	62.62	-	-	74	-11.38	235	248	H
2	*** 2.38949	54.14	Pk	32	-23	63.14	-	-	74	-10.86	235	248	H
3	*** 2.38996	40.12	ADV	32	-23	49.12	54	-4.88	-	-	235	248	H
4	*** 2.38943	40.11	ADV	32	-23	49.11	54	-4.89	-	-	235	248	H

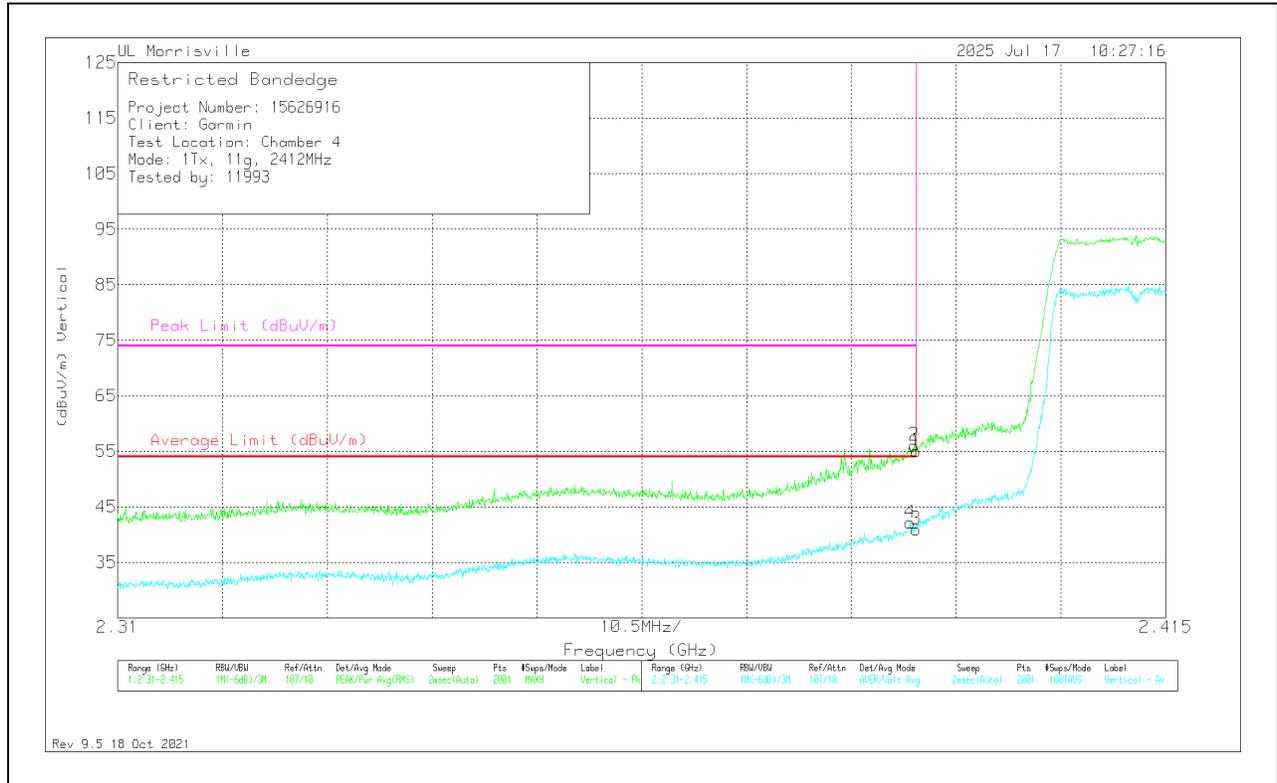
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

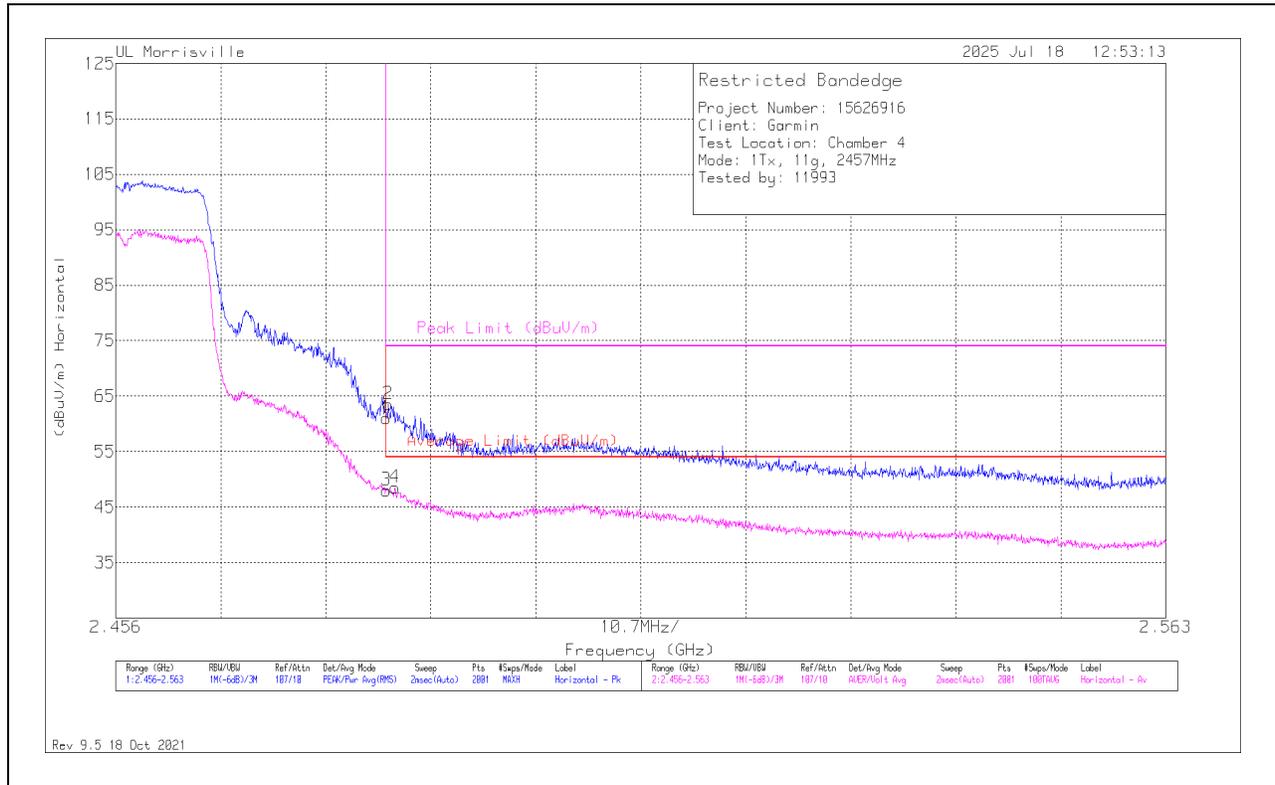


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	46.06	Pk	32	-23	55.06	-	-	74	-18.94	344	245	V
2	* ** 2.3898	47.07	Pk	32	-23	56.07	-	-	74	-17.93	344	245	V
3	* ** 2.38996	31.96	ADV	32	-23	40.96	54	-13.04	-	-	344	245	V
4	* ** 2.38938	33.14	ADV	32	-23	42.14	54	-11.86	-	-	344	245	V

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

BANDEDGE (HIGH CHANNEL, CH 10)

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	*** 2.48355	51.99	Pk	32.3	-23.2	61.09	-	-	74	-12.91	319	139	H
2	*** 2.48377	54.49	Pk	32.3	-23.2	63.59	-	-	74	-10.41	319	139	H
3	*** 2.48355	38.92	ADV	32.3	-23.2	48.02	54	-5.98	-	-	319	139	H
4	*** 2.48446	39.41	ADV	32.3	-23.2	48.51	54	-5.49	-	-	319	139	H

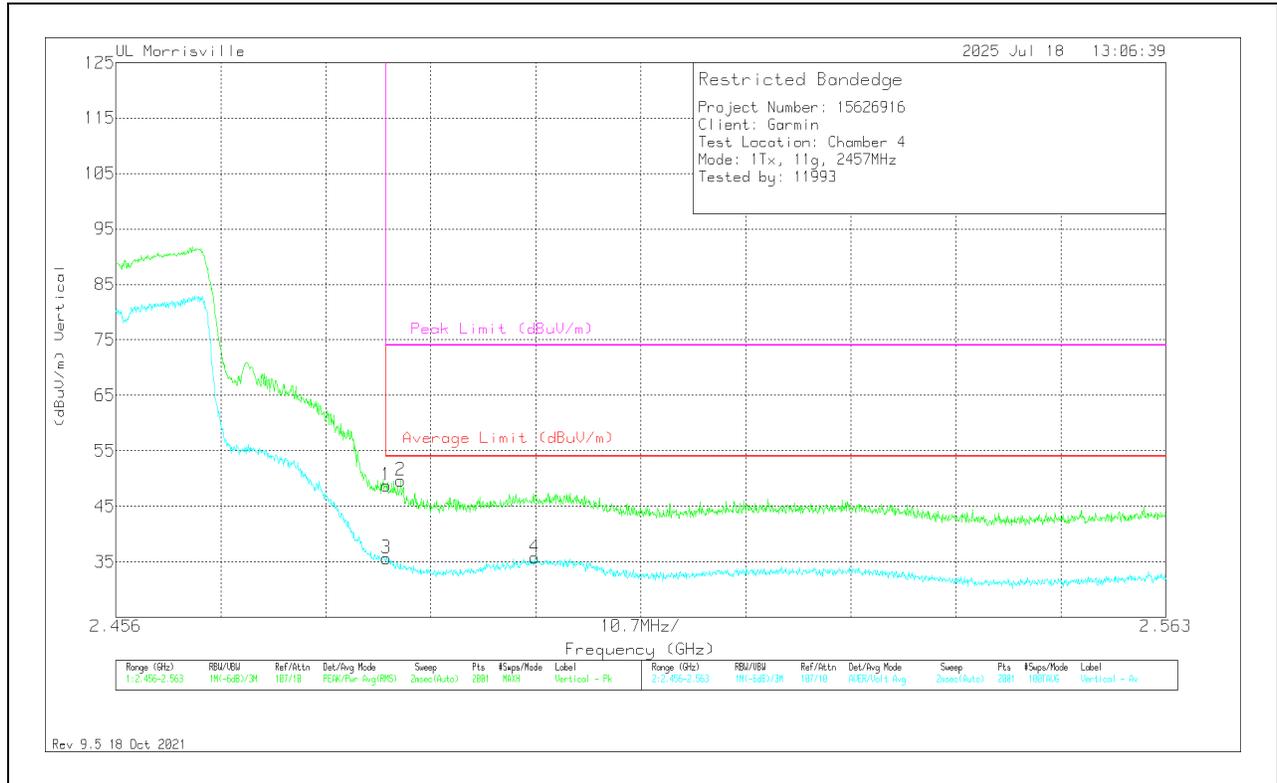
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	*** 2.48355	39.63	Pk	32.3	-23.2	48.73	-	-	74	-25.27	50	140	V
2	*** 2.48505	40.55	Pk	32.4	-23.3	49.65	-	-	74	-24.35	50	140	V
3	*** 2.48355	26.5	ADV	32.3	-23.2	35.6	54	-18.4	-	-	50	140	V
4	*** 2.49869	26.18	ADV	32.4	-22.8	35.78	54	-18.22	-	-	50	140	V

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

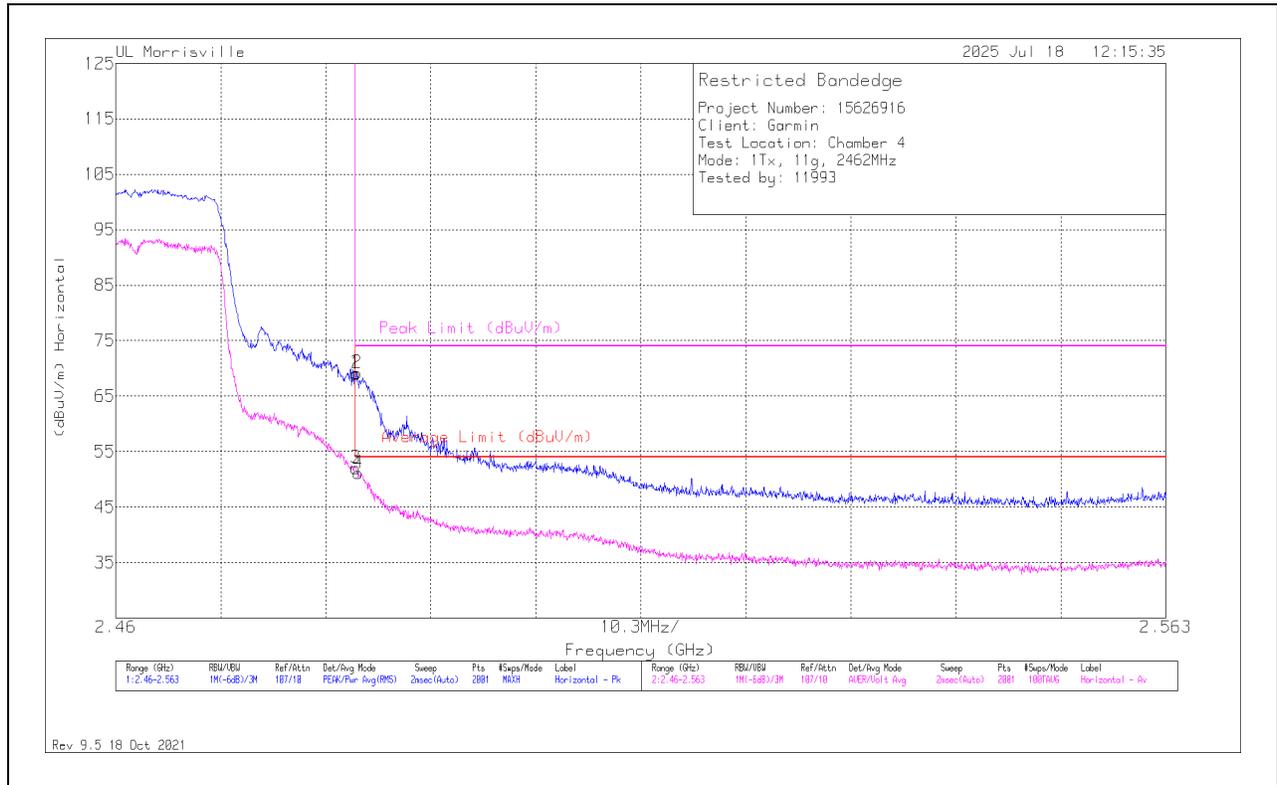
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 11)

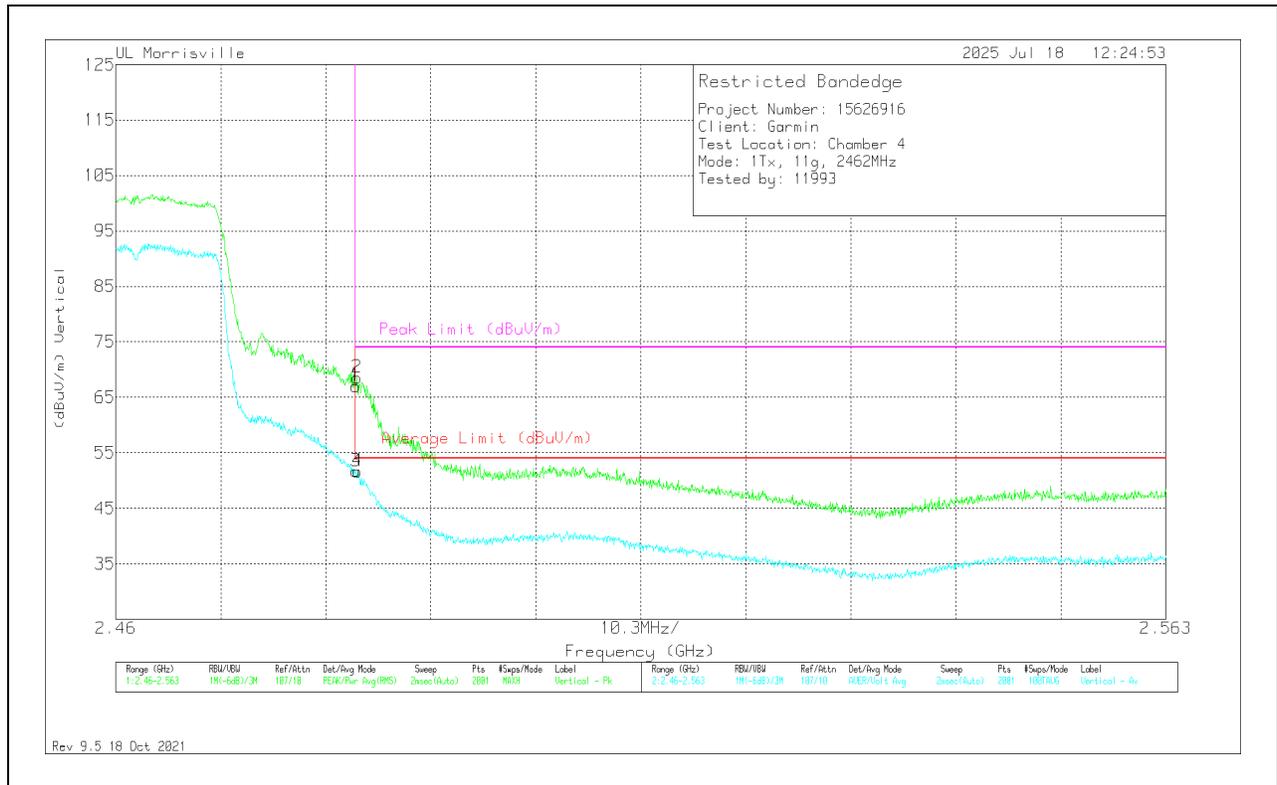
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	59.94	Pk	32.3	-23.2	69.04	-	-	74	-4.96	166	385	H
2	*** 2.48364	60.08	Pk	32.3	-23.2	69.18	-	-	74	-4.82	166	385	H
3	*** 2.48354	42.9	ADV	32.3	-23.2	52	54	-2	-	-	166	385	H
4	*** 2.48379	42.05	ADV	32.3	-23.2	51.15	54	-2.85	-	-	166	385	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	57.94	Pk	32.3	-23.2	67.04	-	-	74	-6.96	239	386	V
2	* ** 2.48364	59.42	Pk	32.3	-23.2	68.52	-	-	74	-5.48	239	386	V
3	* ** 2.48354	42.61	ADV	32.3	-23.2	51.71	54	-2.29	-	-	239	386	V
4	* ** 2.48369	42.56	ADV	32.3	-23.2	51.66	54	-2.34	-	-	239	386	V

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

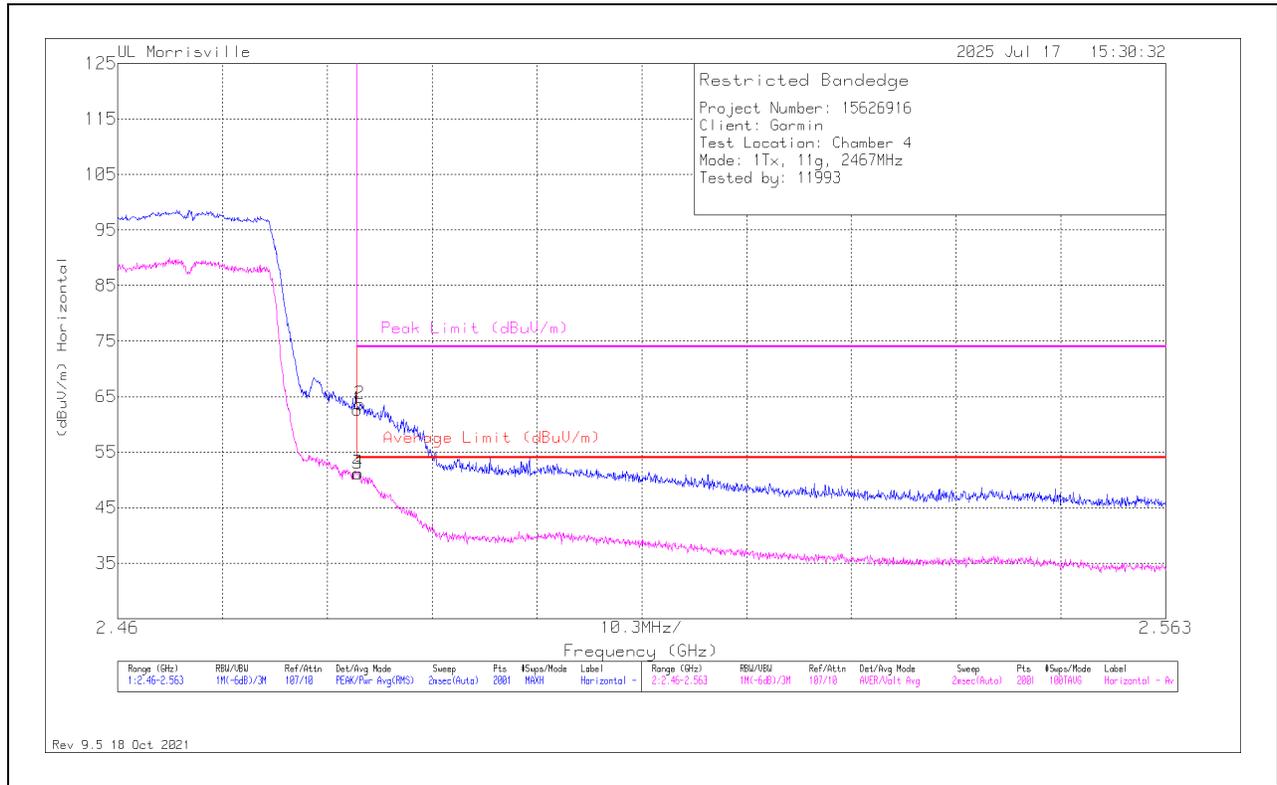
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEGE (HIGH CHANNEL, CH 12)

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	53.58	Pk	32.3	-23.2	62.68	-	-	74	-11.32	271	162	H
2	* ** 2.48379	54.59	Pk	32.3	-23.2	63.69	-	-	74	-10.31	271	162	H
3	* ** 2.48354	42.08	ADV	32.3	-23.2	51.18	54	-2.82	-	-	271	162	H
4	* ** 2.48364	42.11	ADV	32.3	-23.2	51.21	54	-2.79	-	-	271	162	H

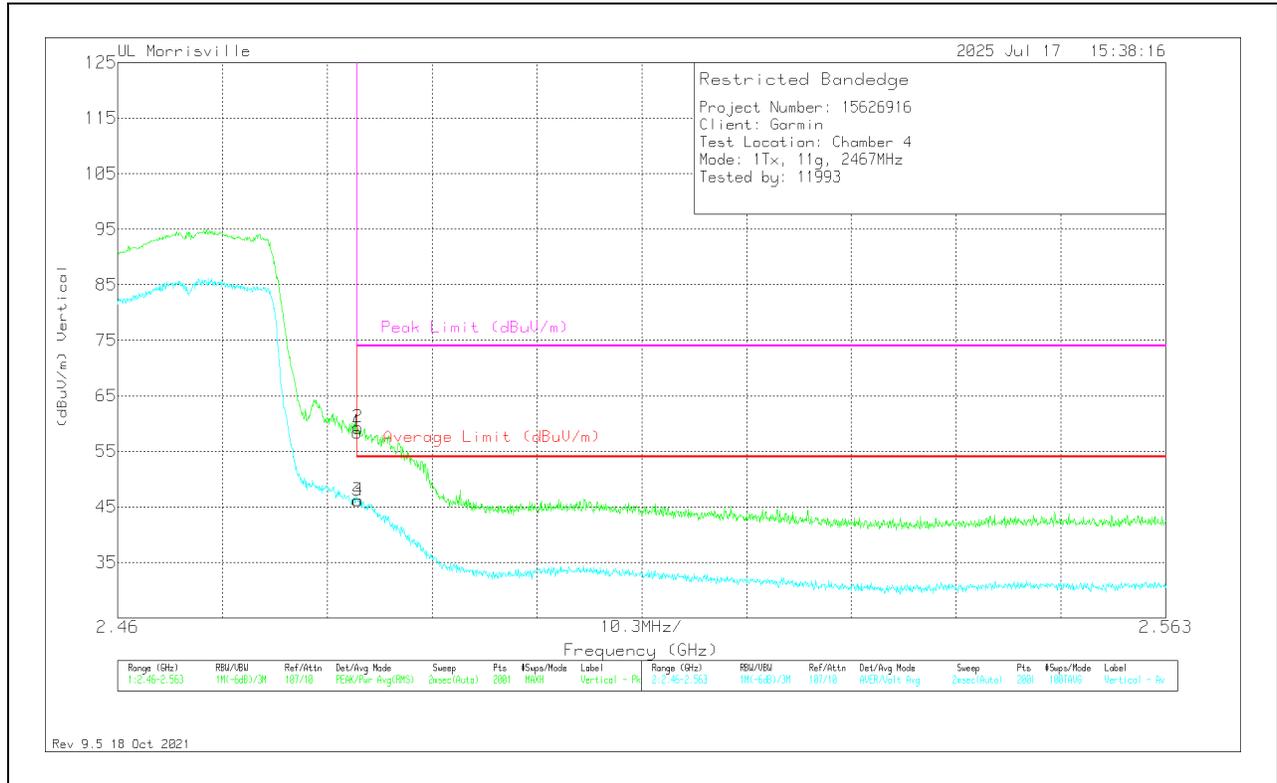
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

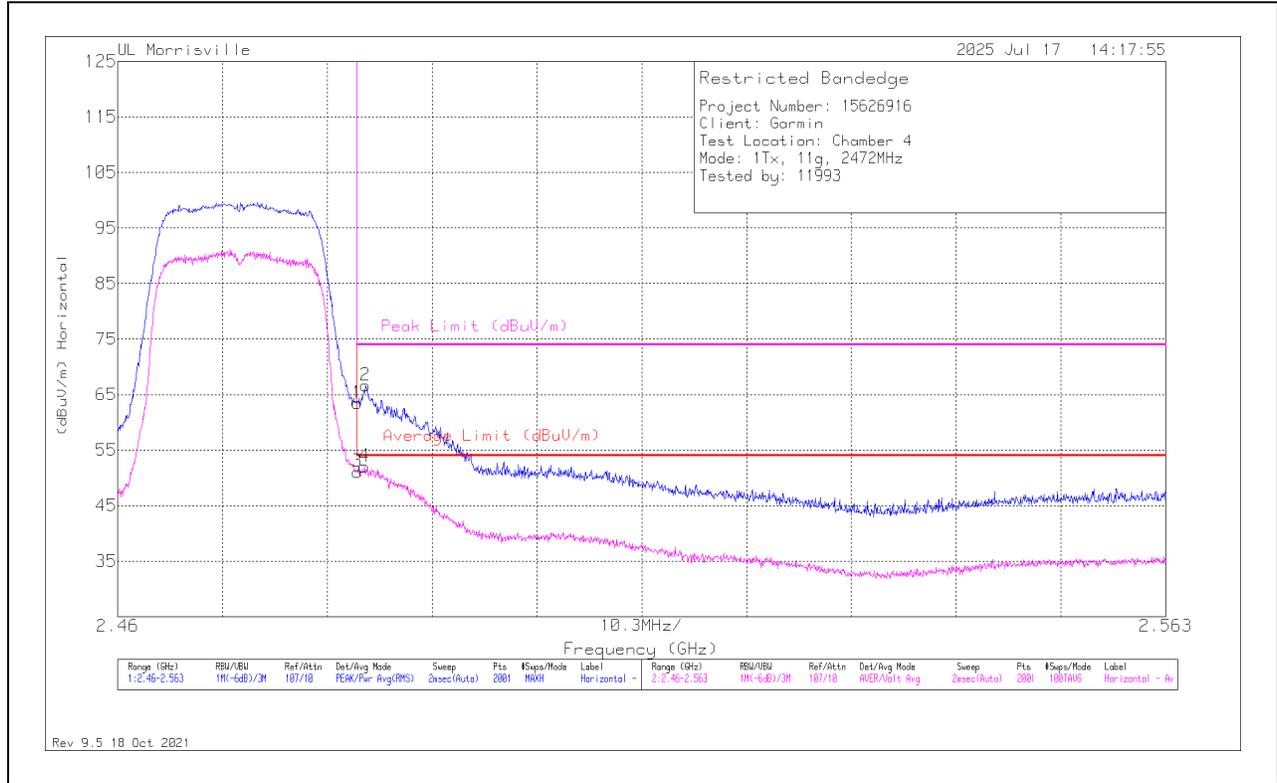


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	49.34	Pk	32.3	-23.2	58.44	-	-	74	-15.56	154	385	V
2	*** 2.48359	50.19	Pk	32.3	-23.2	59.29	-	-	74	-14.71	154	385	V
3	*** 2.48354	37.08	ADV	32.3	-23.2	46.18	54	-7.82	-	-	154	385	V
4	*** 2.48364	37.06	ADV	32.3	-23.2	46.16	54	-7.84	-	-	154	385	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	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	54.36	Pk	32.3	-23.2	63.46	-	-	74	-10.54	252	382	H
2	* ** 2.48436	57.53	Pk	32.3	-23.2	66.63	-	-	74	-7.37	252	382	H
3	* ** 2.48354	42.01	ADV	32.3	-23.2	51.11	54	-2.89	-	-	252	382	H
4	* ** 2.48426	42.93	ADV	32.3	-23.2	52.03	54	-1.97	-	-	252	382	H

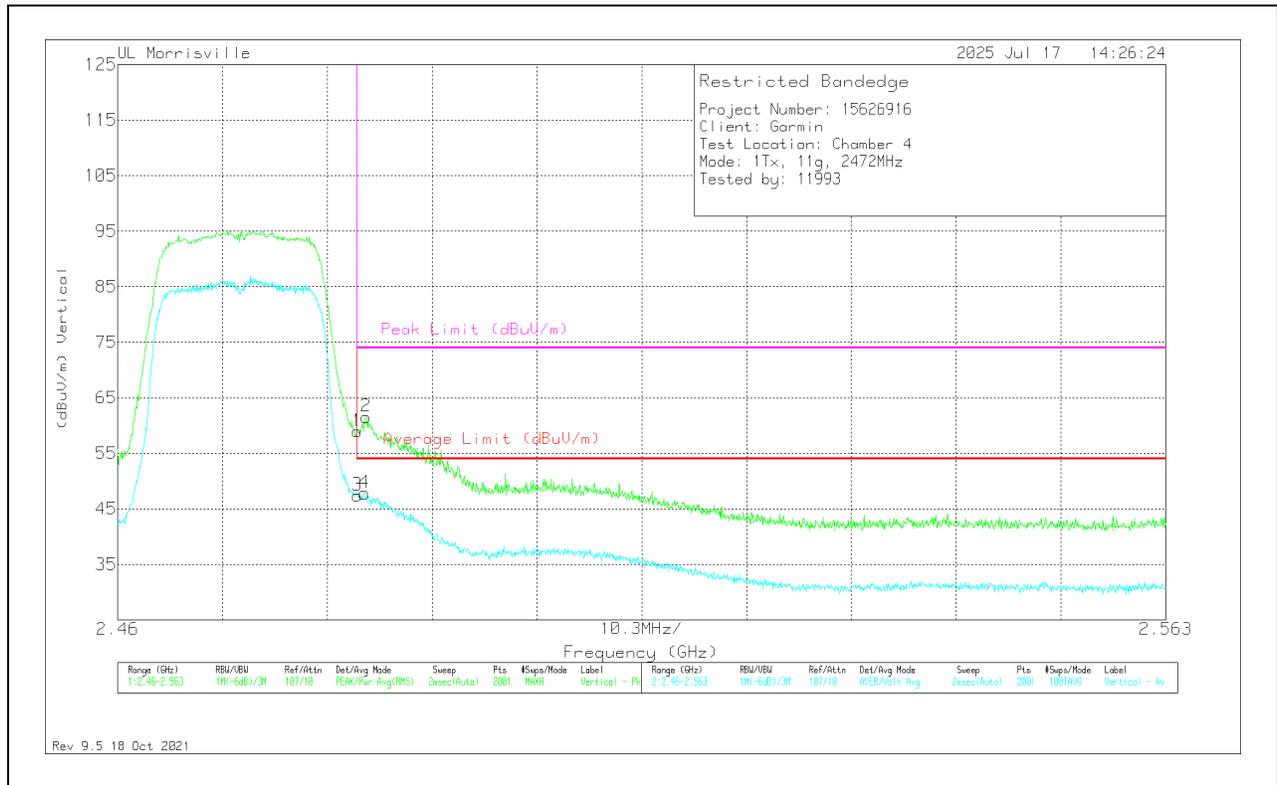
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

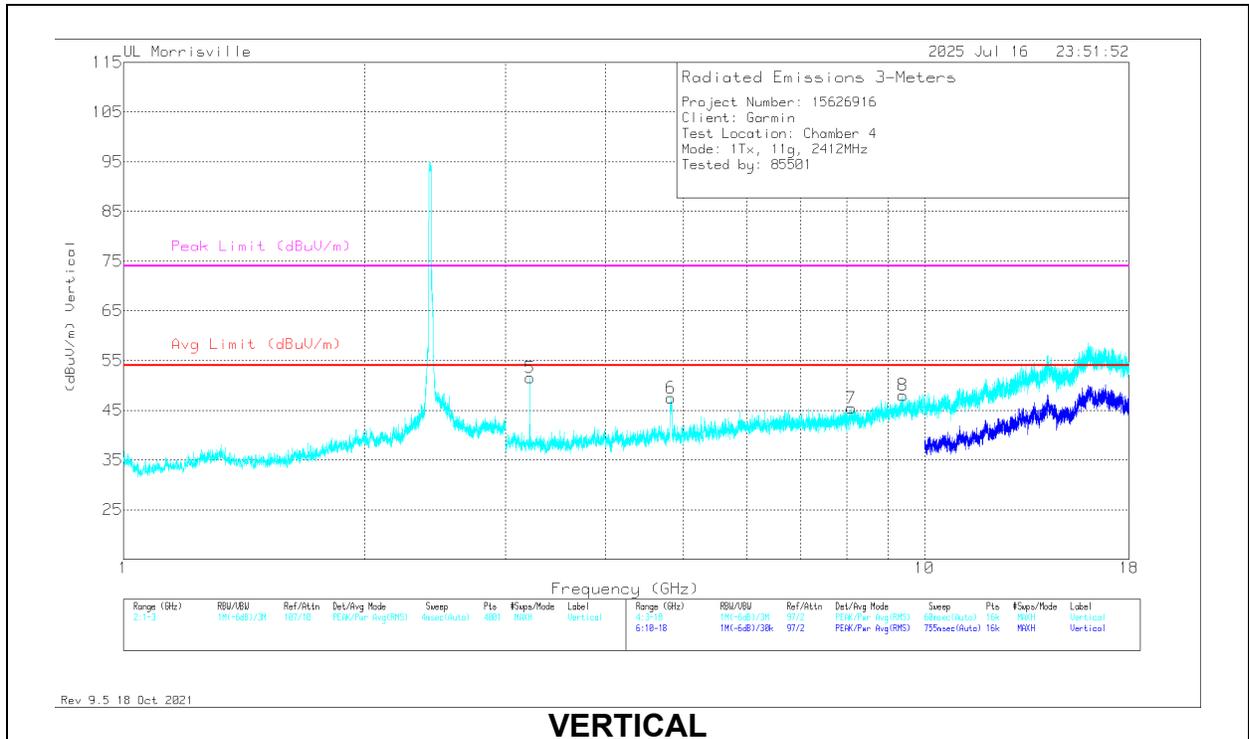
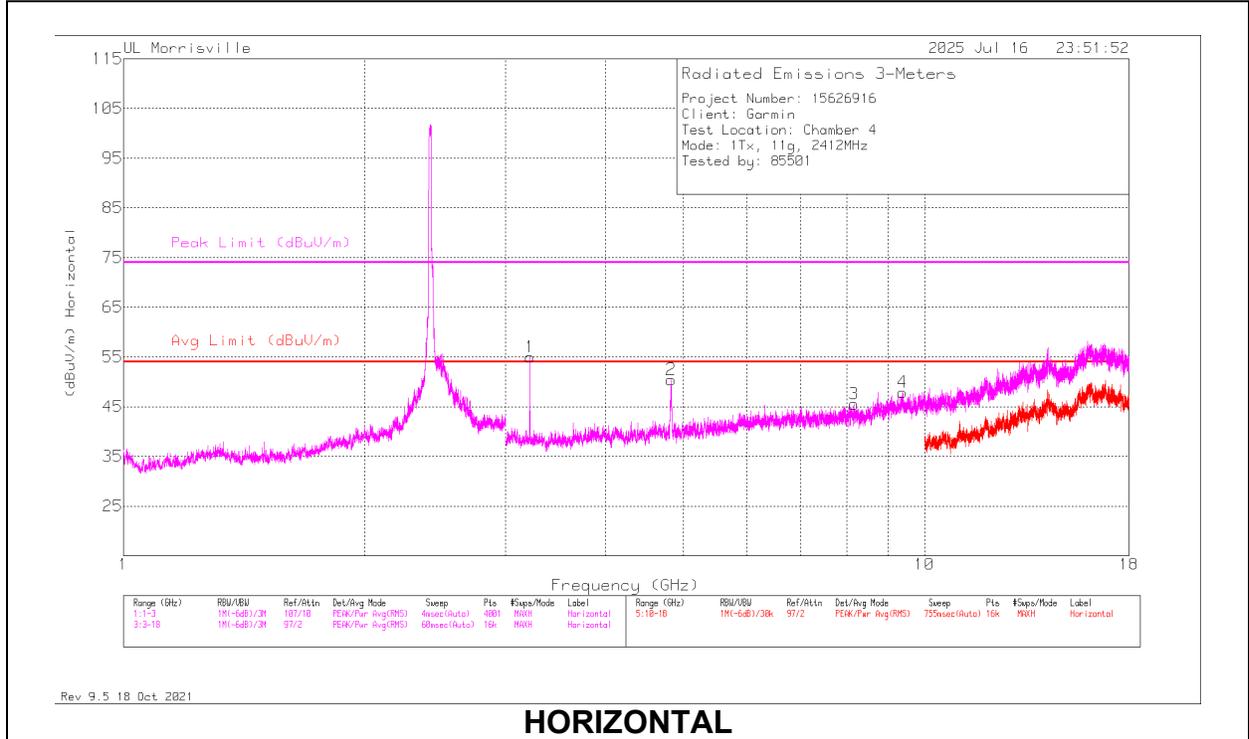


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	49.84	Pk	32.3	-23.2	58.94	-	-	74	-15.06	325	372	V
2	*** 2.48441	52.48	Pk	32.3	-23.2	61.58	-	-	74	-12.42	325	372	V
3	*** 2.48354	38.31	ADV	32.3	-23.2	47.41	54	-6.59	-	-	325	372	V
4	*** 2.48426	38.74	ADV	32.3	-23.2	47.84	54	-6.16	-	-	325	372	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS

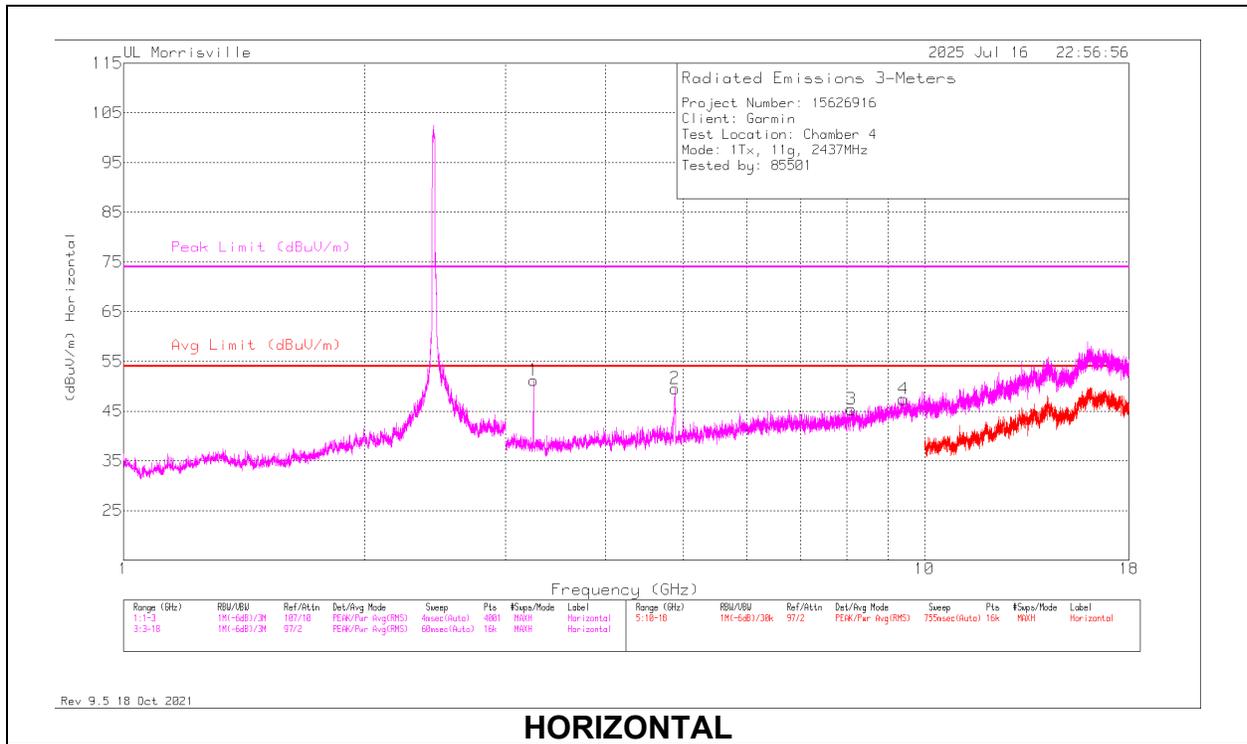


RADIATED EMISSIONS

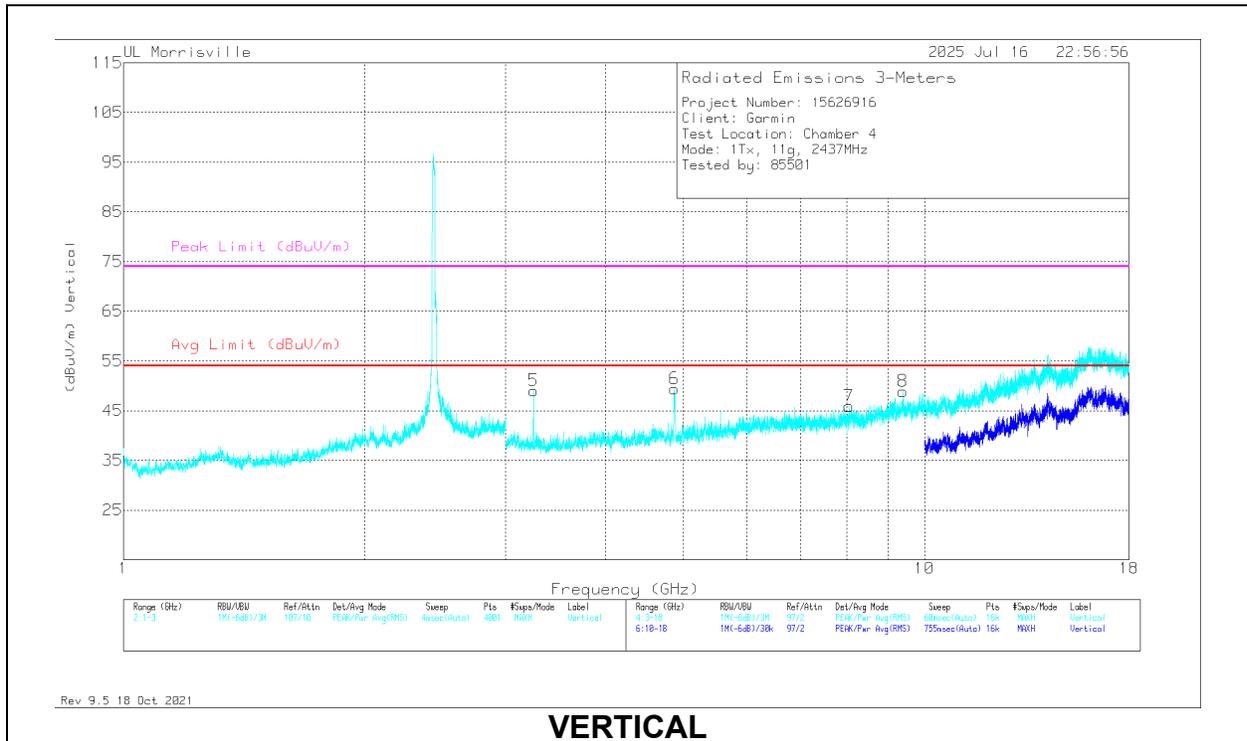
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 4.82446	52.59	PK2	33.9	-32.6	53.89	-	-	74	-20.11	343	124	H
	*** 4.82597	39.99	ADV	34	-32.4	41.59	54	-12.41	-	-	343	124	H
3	*** 8.16938	36.92	Pk	35.6	-27	45.52	54	-8.48	74	-28.48	0-360	100	H
4	*** 9.39281	35.88	Pk	36.5	-24.5	47.88	54	-6.12	74	-26.12	0-360	100	H
6	*** 4.82438	46.26	Pk	33.9	-32.7	47.46	54	-6.54	74	-26.54	0-360	200	V
7	*** 8.10188	36.31	Pk	35.6	-26.5	45.41	54	-8.59	74	-28.59	0-360	200	V
8	*** 9.39301	36.84	PK2	36.5	-24.4	48.94	-	-	74	-25.06	345	293	V
	*** 9.39274	24.25	ADV	36.5	-24.5	36.25	54	-17.75	-	-	345	293	V
1	3.21563	57.68	Pk	32.8	-35.5	54.98	-	-	-	-	0-360	100	H
5	3.21563	54.25	Pk	32.8	-35.5	51.55	-	-	-	-	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

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

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
2	*** 4.87953	50.08	PK2	33.9	-31.4	52.58	-	-	74	-21.42	340	120	H
	*** 4.87972	37.78	ADV	33.9	-31.5	40.18	54	-13.82	-	-	340	120	H
3	*** 8.10469	36.18	Pk	35.6	-26.4	45.38	54	-8.62	74	-28.62	0-360	100	H
4	*** 9.41156	35.64	Pk	36.5	-24.7	47.44	54	-6.56	74	-26.56	0-360	100	H
6	*** 4.87366	50.37	PK2	33.9	-31.2	53.07	-	-	74	-20.93	108	153	V
	*** 4.87416	36.75	ADV	33.9	-31.1	39.55	54	-14.45	-	-	108	153	V
7	*** 8.04938	37.5	Pk	35.6	-27.2	45.9	54	-8.1	74	-28.1	0-360	200	V
8	*** 9.39855	37.34	PK2	36.5	-24	49.84	-	-	74	-24.16	248	287	V
	*** 9.39593	24.32	ADV	36.5	-24.1	36.72	54	-17.28	-	-	248	287	V
1	3.24938	53.81	Pk	32.8	-35.4	51.21	-	-	-	-	0-360	100	H
5	3.24938	51.61	Pk	32.8	-35.4	49.01	-	-	-	-	0-360	200	V

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

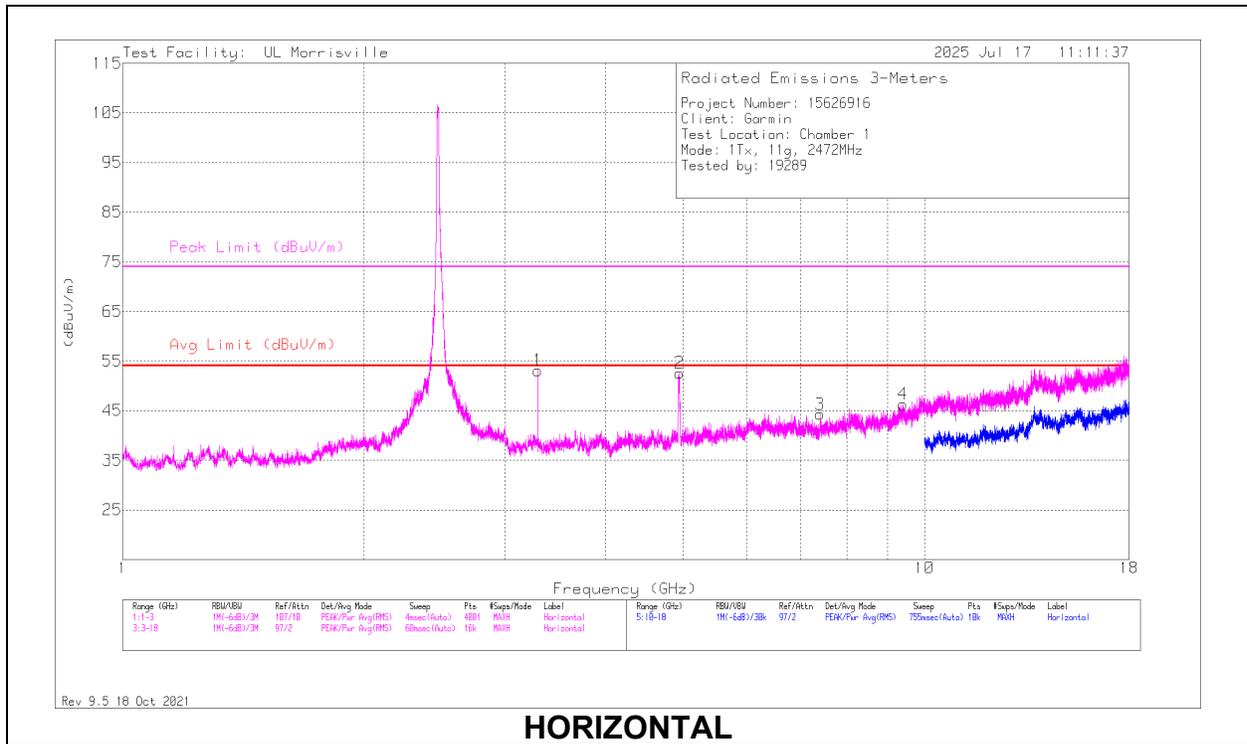
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

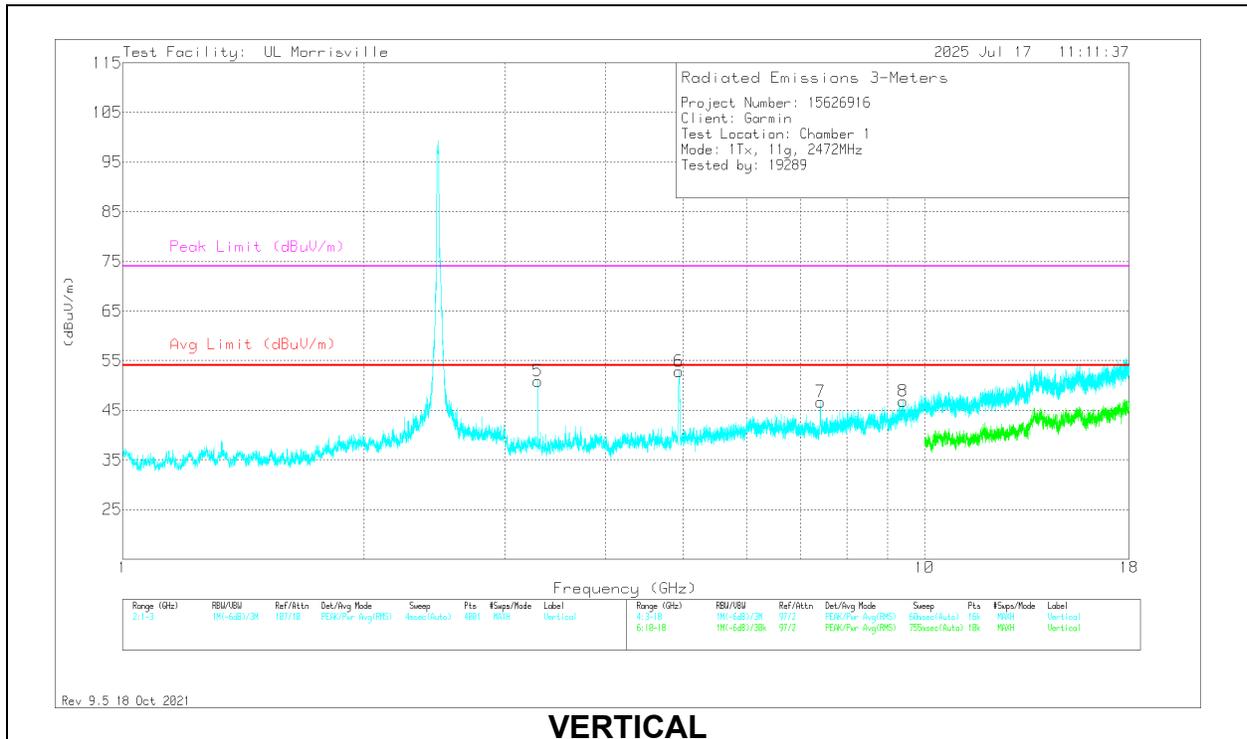
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

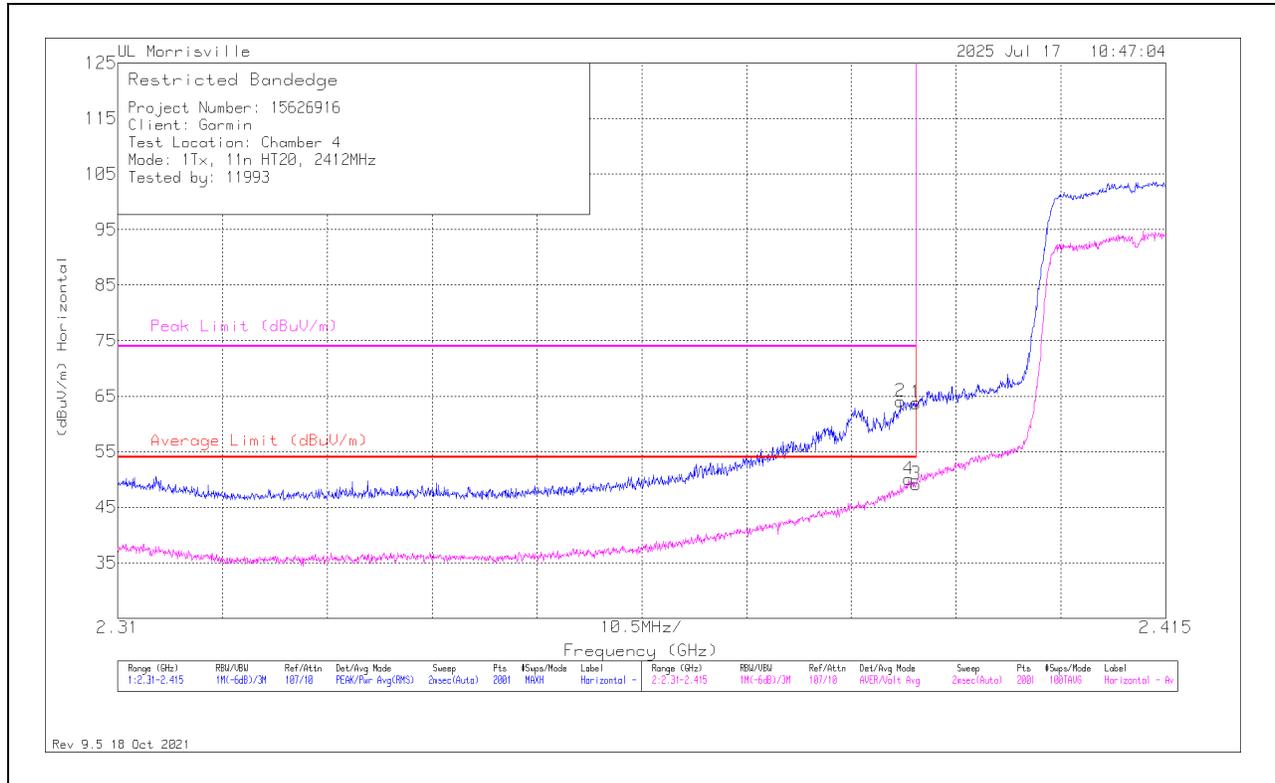
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 4.94375	70.16	PK2	34.1	-45.3	58.96	-	-	74	-15.04	280	126	H
	* ** 4.94415	56.51	ADV	34.1	-45.4	45.21	54	-8.79	-	-	280	126	H
3	* ** 7.41	51.05	Pk	35.4	-42.2	44.25	54	-9.75	74	-29.75	0-360	101	H
4	* ** 9.405	50.25	Pk	36.3	-40.3	46.25	54	-7.75	74	-27.75	0-360	200	H
6	* ** 4.94341	70	PK2	34.1	-45.3	58.8	-	-	74	-15.2	288	132	V
	* ** 4.94376	56.29	ADV	34.1	-45.3	45.09	54	-8.91	-	-	288	132	V
7	* ** 7.4175	53.55	Pk	35.4	-42.3	46.65	54	-7.35	74	-27.35	0-360	101	V
8	* ** 9.40406	50.79	Pk	36.3	-40.3	46.79	54	-7.21	74	-27.21	0-360	101	V
1	3.29531	65.54	Pk	32.7	-45.1	53.14	-	-	-	-	0-360	101	H
5	3.29531	63.24	Pk	32.7	-45.1	50.84	-	-	-	-	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

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

BANDEDGE (LOW CHANNEL, CH 1)

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	54.79	Pk	32	-23	63.79	-	-	74	-10.21	246	353	H
2	* ** 2.38844	55.06	Pk	32	-23	64.06	-	-	74	-9.94	246	353	H
3	* ** 2.38996	40.11	ADV	32	-23	49.11	54	-4.89	-	-	246	353	H
4	* ** 2.38922	41.07	ADV	32	-23	50.07	54	-3.93	-	-	246	353	H

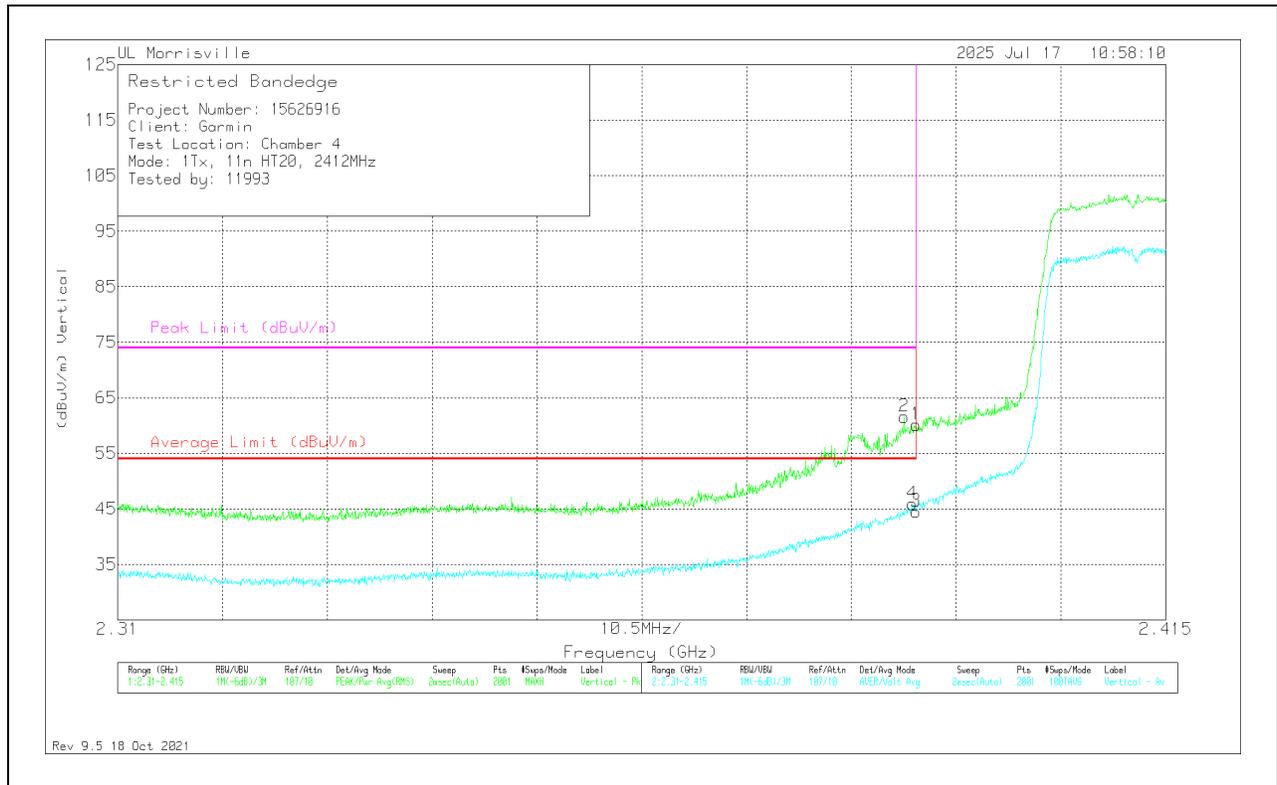
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

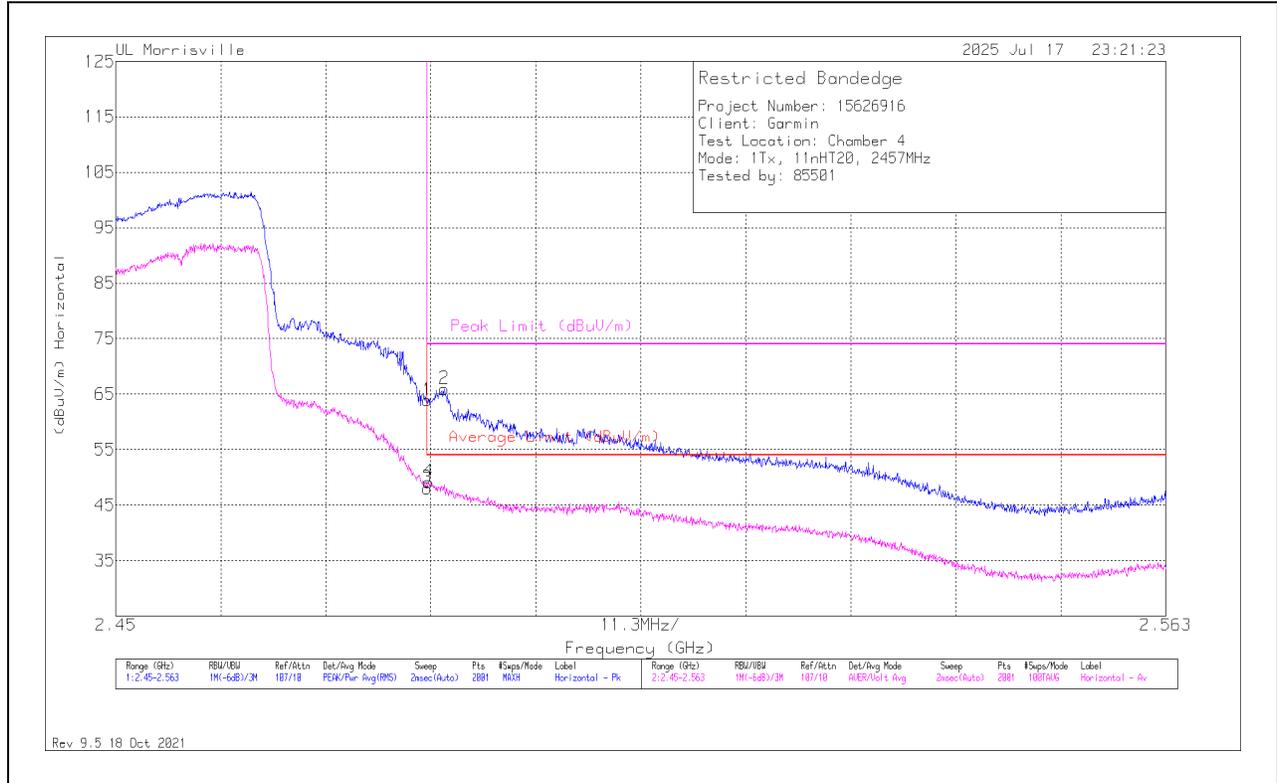


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	51.13	Pk	32	-23	60.13	-	-	74	-13.87	327	399	V
2	*** 2.3888	52.59	Pk	32	-23	61.59	-	-	74	-12.41	327	399	V
3	*** 2.38996	35.51	ADV	32	-23	44.51	54	-9.49	-	-	327	399	V
4	*** 2.38959	36.9	ADV	32	-23	45.9	54	-8.1	-	-	327	399	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	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	* ** 2.4835	54.76	Pk	32.3	-23.2	63.86	-	-	74	-10.14	246	375	H
2	* ** 2.48537	56.87	Pk	32.4	-23.3	65.97	-	-	74	-8.03	246	375	H
3	* ** 2.4835	38.93	ADV	32.3	-23.2	48.03	54	-5.97	-	-	246	375	H
4	* ** 2.48367	40.09	ADV	32.3	-23.2	49.19	54	-4.81	-	-	246	375	H

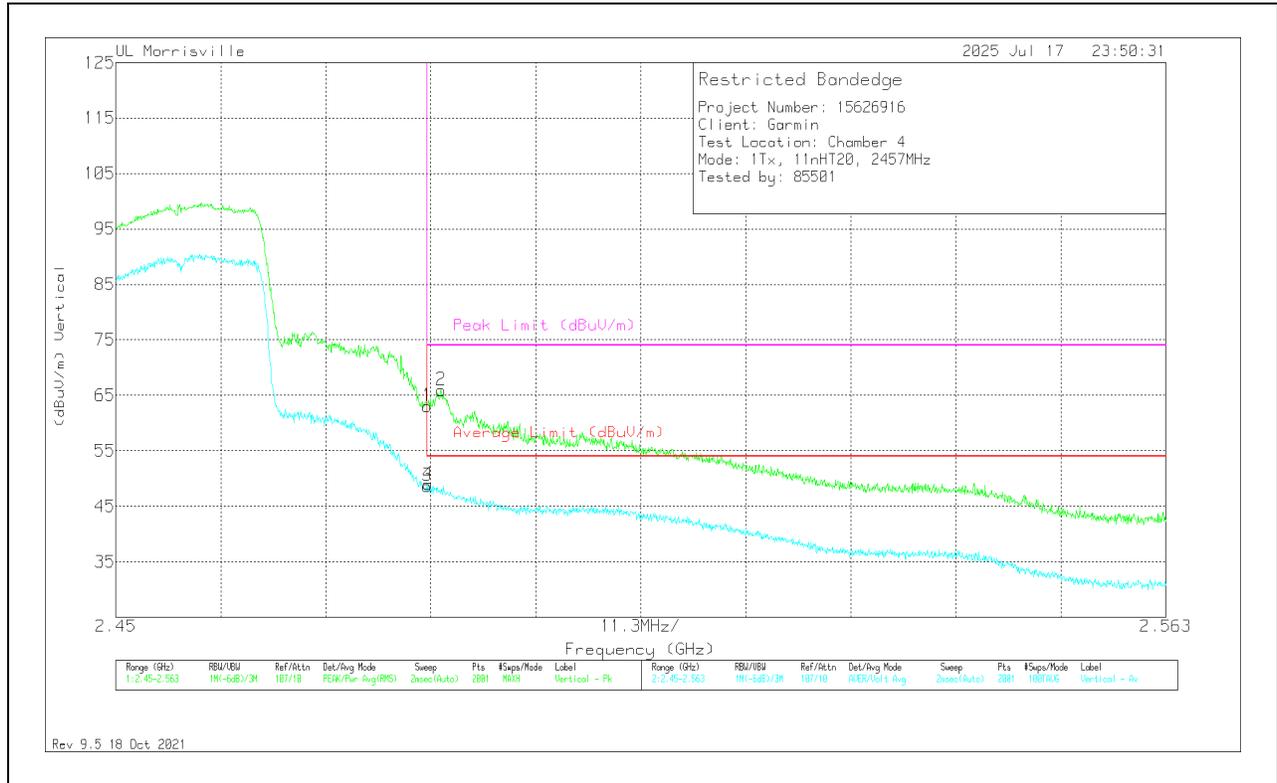
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

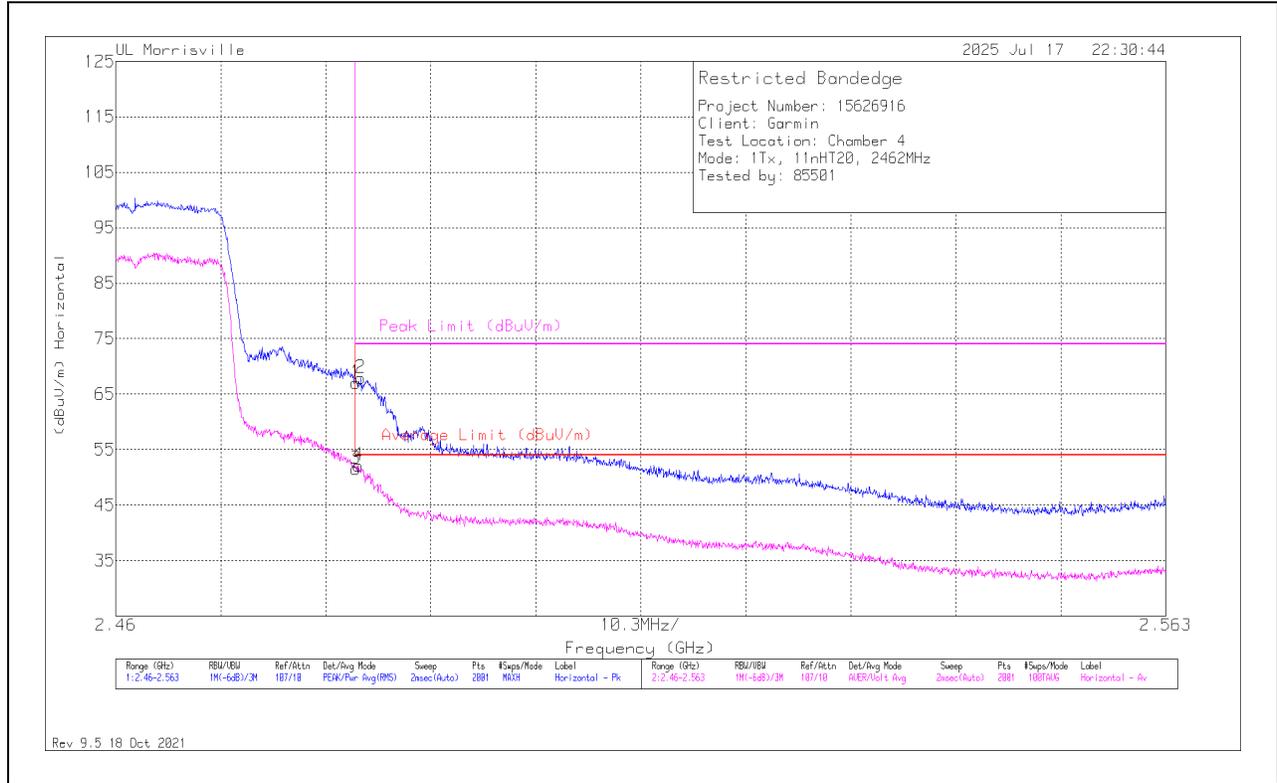


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.4835	53.93	Pk	32.3	-23.2	63.03	-	-	74	-10.97	157	370	V
2	*** 2.48503	56.86	Pk	32.4	-23.3	65.96	-	-	74	-8.04	157	370	V
3	*** 2.4835	39.55	ADV	32.3	-23.2	48.65	54	-5.35	-	-	157	370	V
4	*** 2.48362	39.86	ADV	32.3	-23.2	48.96	54	-5.04	-	-	157	370	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	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	57.92	Pk	32.3	-23.2	67.02	-	-	74	-6.98	250	378	H
2	* ** 2.48405	58.81	Pk	32.3	-23.2	67.91	-	-	74	-6.09	250	378	H
3	* ** 2.48354	42.39	ADV	32.3	-23.2	51.49	54	-2.51	-	-	250	378	H
4	* ** 2.48379	43.03	ADV	32.3	-23.2	52.13	54	-1.87	-	-	250	378	H

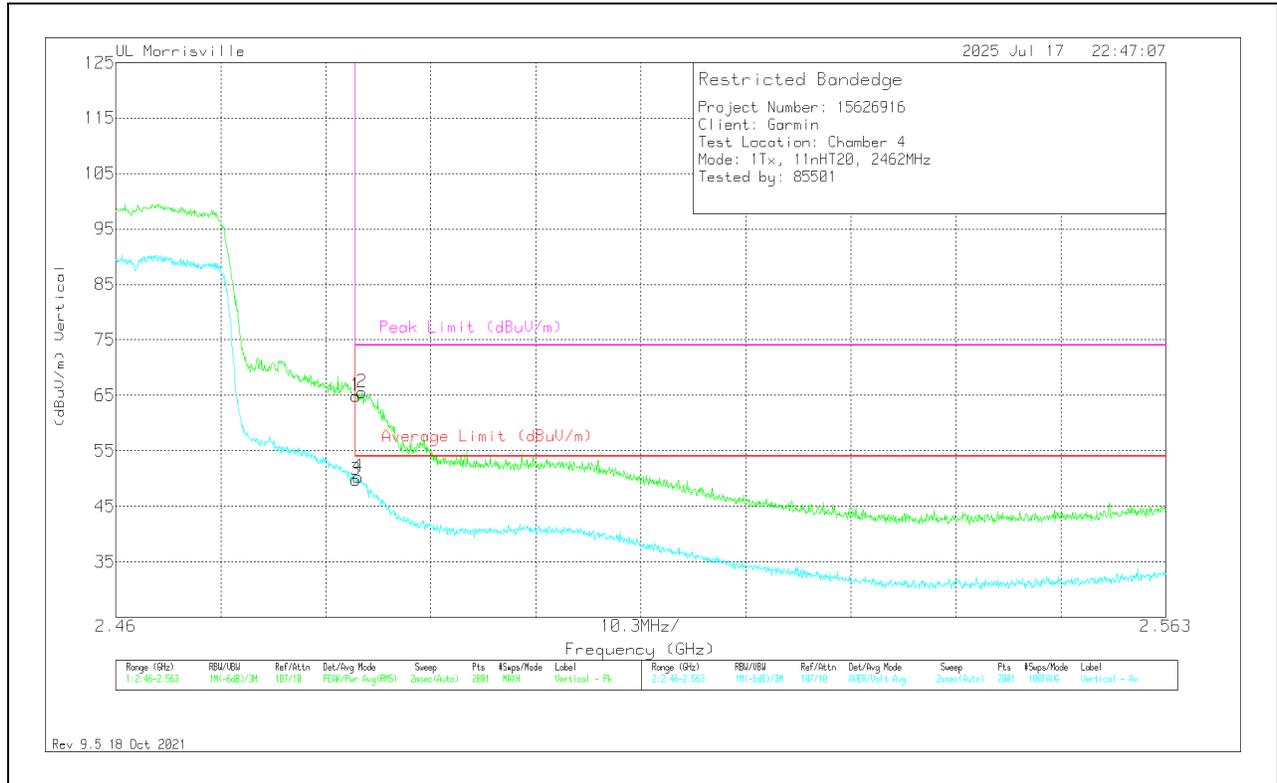
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	55.79	Pk	32.3	-23.2	64.89	-	-	74	-9.11	160	379	V
2	*** 2.48415	56.43	Pk	32.3	-23.2	65.53	-	-	74	-8.47	160	379	V
3	*** 2.48354	40.62	ADV	32.3	-23.2	49.72	54	-4.28	-	-	160	379	V
4	*** 2.48379	41.18	ADV	32.3	-23.2	50.28	54	-3.72	-	-	160	379	V

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

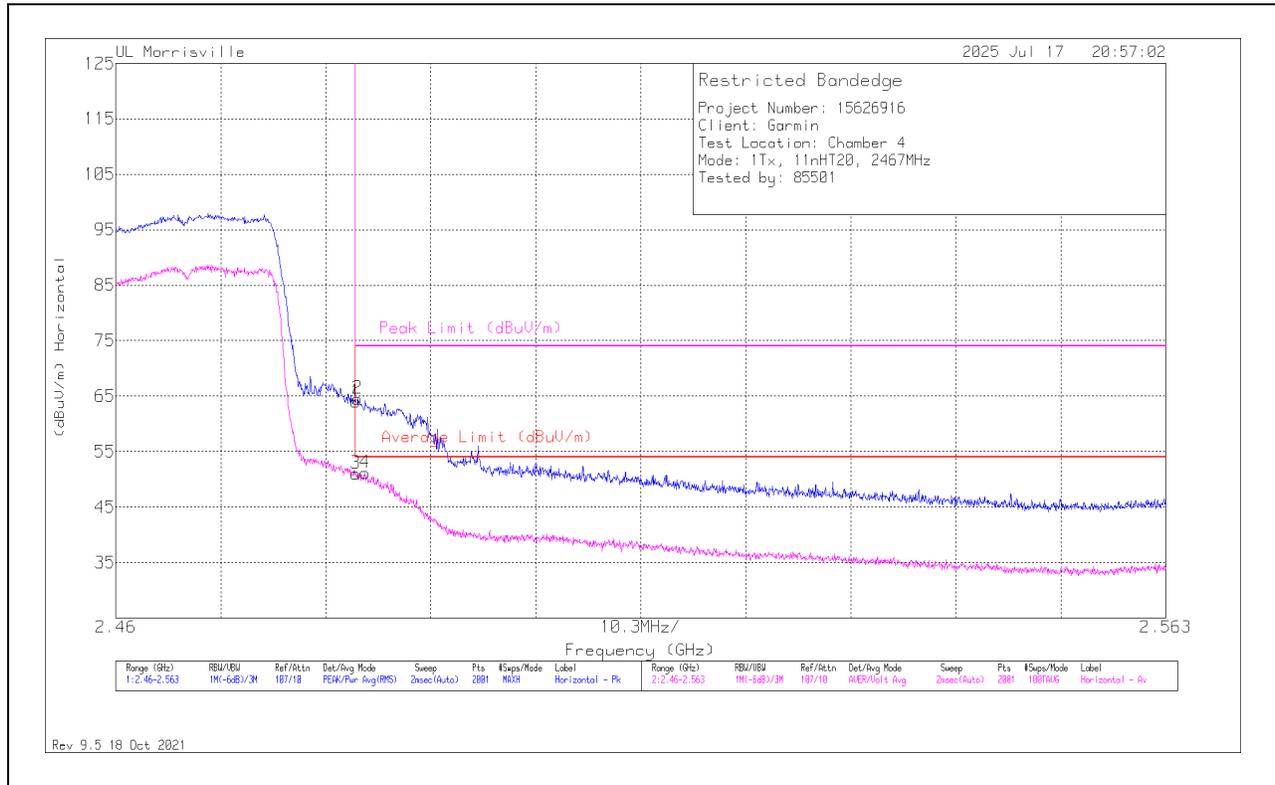
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 12)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	54.89	Pk	32.3	-23.2	63.99	-	-	74	-10.01	85	179	H
2	* ** 2.48374	55.4	Pk	32.3	-23.2	64.5	-	-	74	-9.5	85	179	H
3	* ** 2.48354	41.93	ADV	32.3	-23.2	51.03	54	-2.97	-	-	85	179	H
4	* ** 2.48446	42.01	ADV	32.3	-23.2	51.11	54	-2.89	-	-	85	179	H

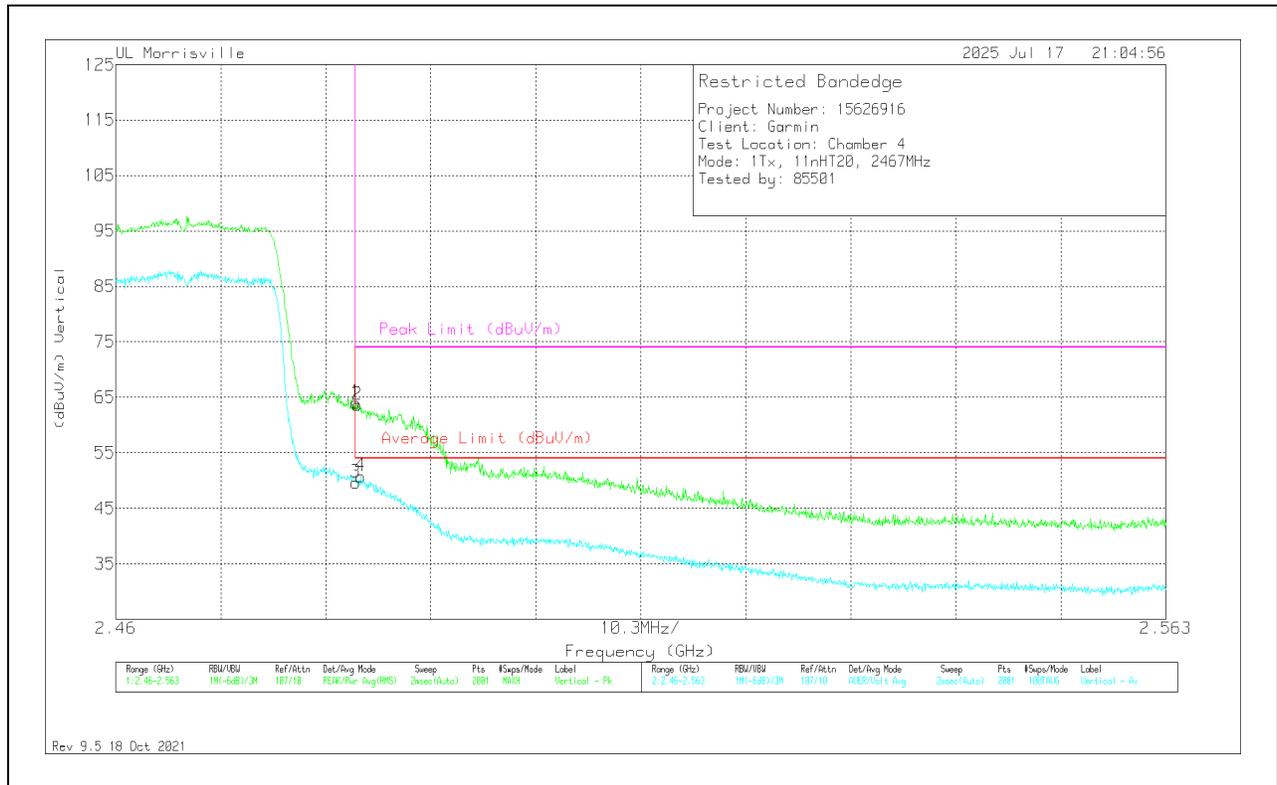
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	54.93	Pk	32.3	-23.2	64.03	-	-	74	-9.97	164	376	V
2	*** 2.48369	54.6	Pk	32.3	-23.2	63.7	-	-	74	-10.3	164	376	V
3	*** 2.48354	40.51	ADV	32.3	-23.2	49.61	54	-4.39	-	-	164	376	V
4	*** 2.484	41.68	ADV	32.3	-23.2	50.78	54	-3.22	-	-	164	376	V

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

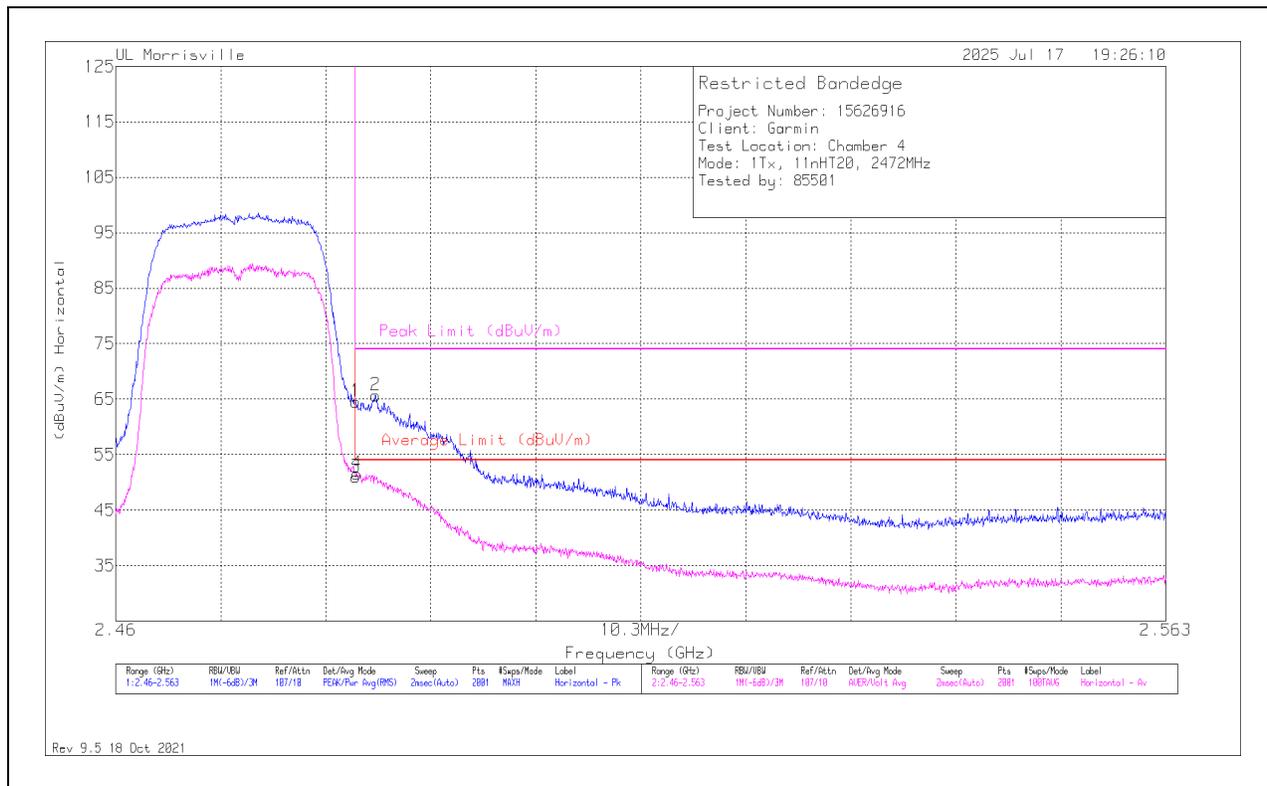
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	55.44	Pk	32.3	-23.2	64.54	-	-	74	-9.46	254	380	H
2	*** 2.48549	56.56	Pk	32.4	-23.3	65.66	-	-	74	-8.34	254	380	H
3	*** 2.48354	41.86	ADV	32.3	-23.2	50.96	54	-3.04	-	-	254	380	H
4	*** 2.48364	42.41	ADV	32.3	-23.2	51.51	54	-2.49	-	-	254	380	H

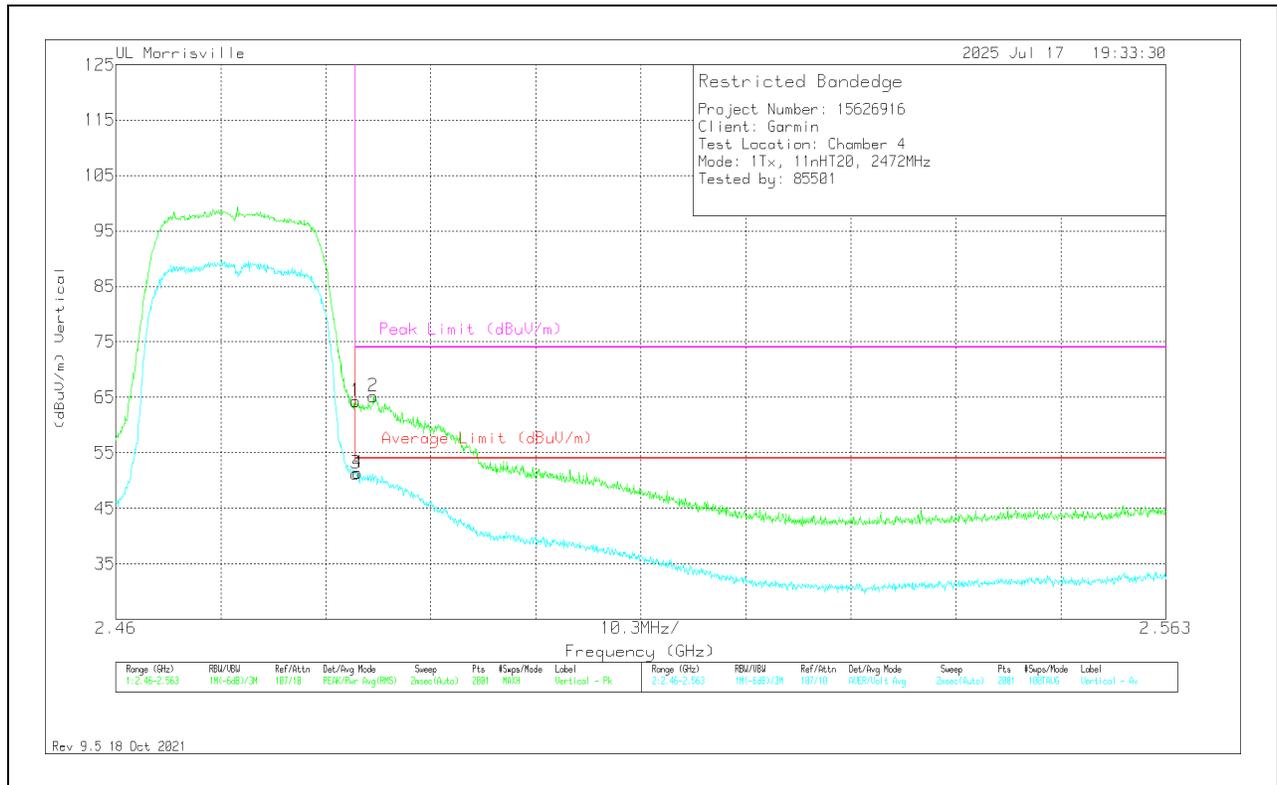
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

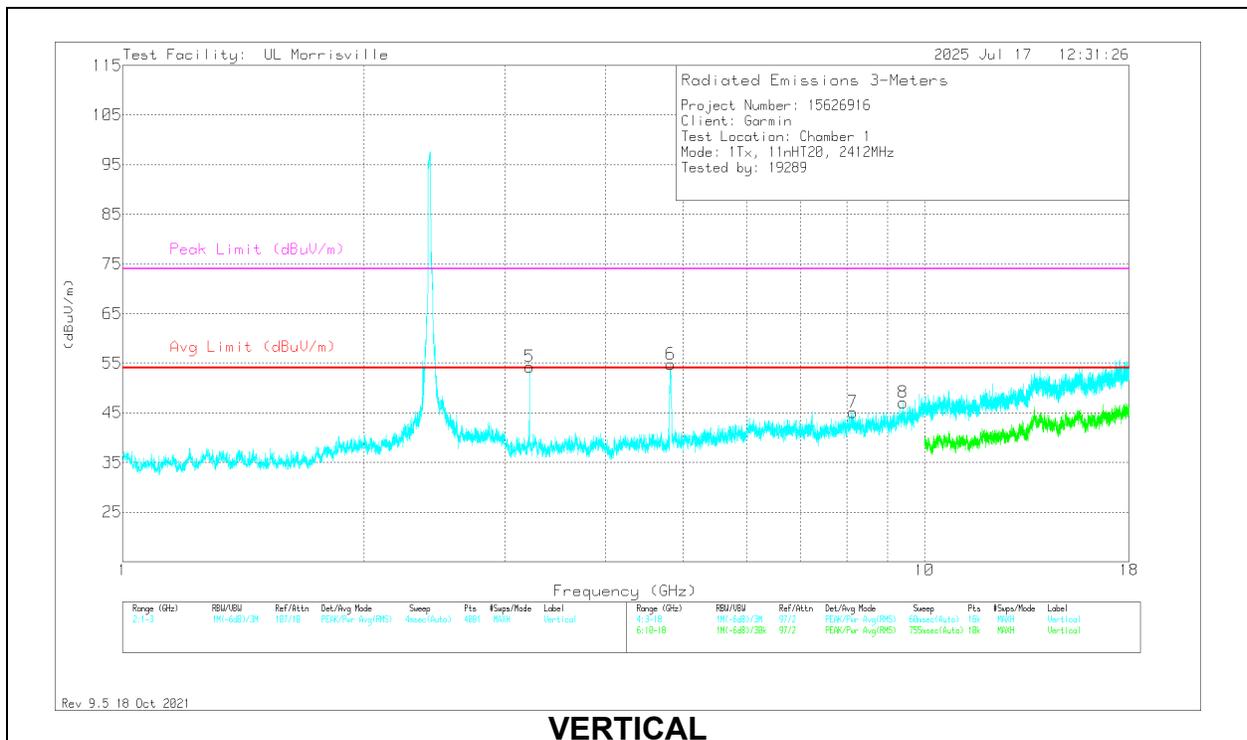
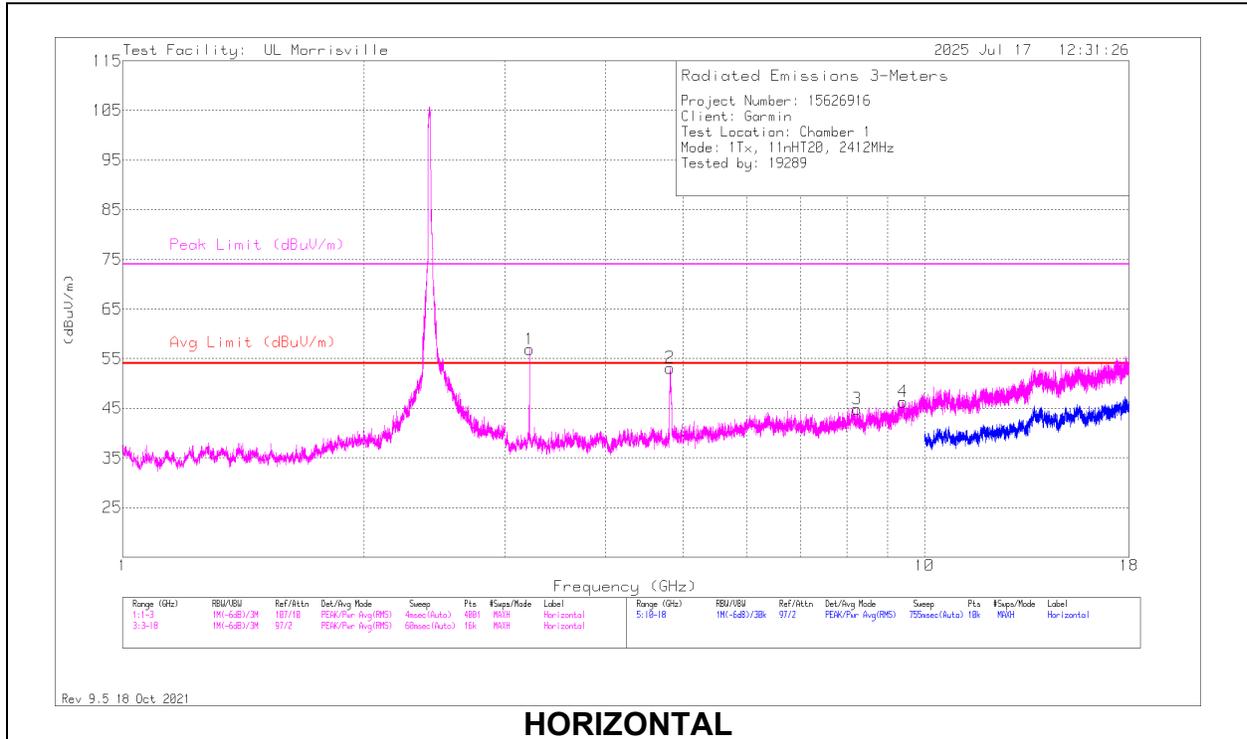


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	55.18	Pk	32.3	-23.2	64.28	-	-	74	-9.72	160	381	V
2	*** 2.48524	56.07	Pk	32.4	-23.3	65.17	-	-	74	-8.83	160	381	V
3	*** 2.48354	42.15	ADV	32.3	-23.2	51.25	54	-2.75	-	-	160	381	V
4	*** 2.48369	42.25	ADV	32.3	-23.2	51.35	54	-2.65	-	-	160	381	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 4.82194	70.81	PK2	33.9	-46.7	58.01	-	-	74	-15.99	279	102	H
	* ** 4.82409	57.28	ADV	33.9	-46.7	44.48	54	-9.52	-	-	279	102	H
3	* ** 8.24438	50.91	Pk	35.9	-42	44.81	54	-9.19	74	-29.19	0-360	200	H
4	* ** 9.40641	50.14	Pk	36.3	-40.2	46.24	54	-7.76	74	-27.76	0-360	200	H
6	* ** 4.82195	69.44	PK2	33.9	-46.7	56.64	-	-	74	-17.36	282	118	V
	* ** 4.8224	55.78	ADV	33.9	-46.7	42.98	54	-11.02	-	-	282	118	V
7	* ** 8.14688	50.35	Pk	35.9	-41.1	45.15	54	-8.85	74	-28.85	0-360	200	V
8	* ** 9.40781	50.97	Pk	36.3	-40.2	47.07	54	-6.93	74	-26.93	0-360	200	V
1	3.21563	68.73	Pk	32.6	-44.5	56.83	-	-	-	-	0-360	101	H
5	3.21563	66.17	Pk	32.6	-44.5	54.27	-	-	-	-	0-360	101	V

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

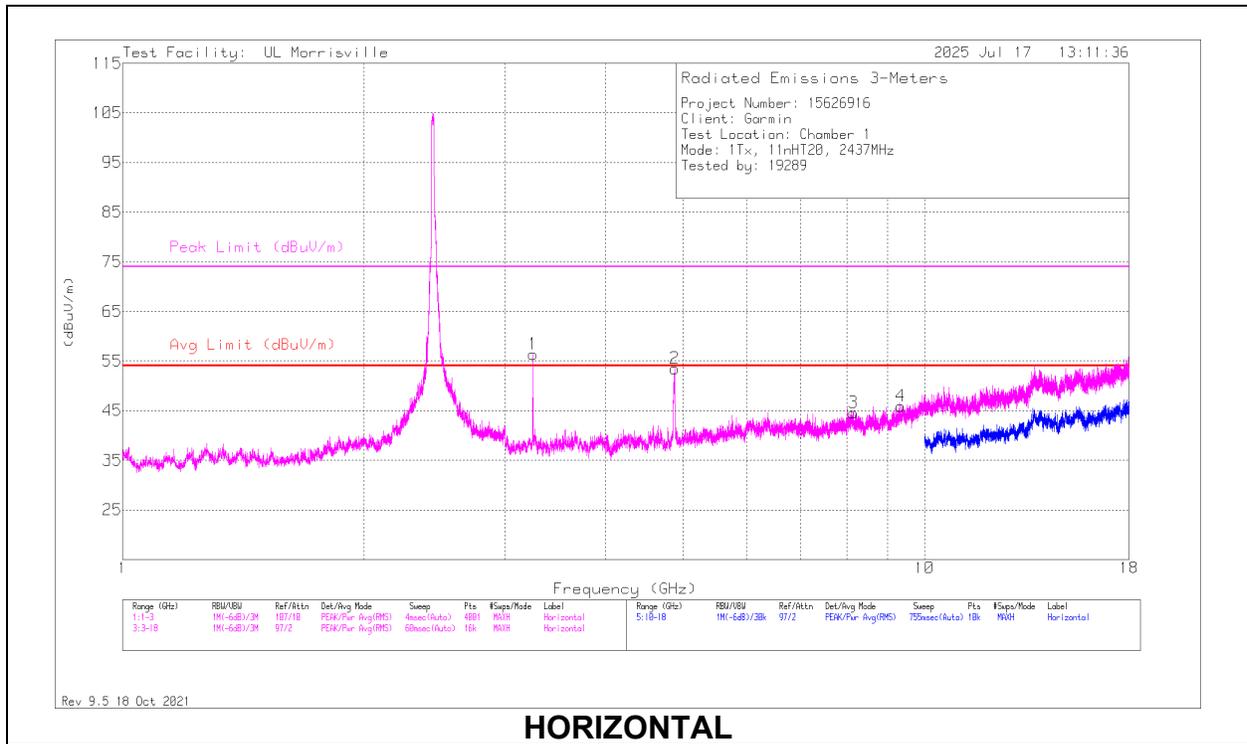
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

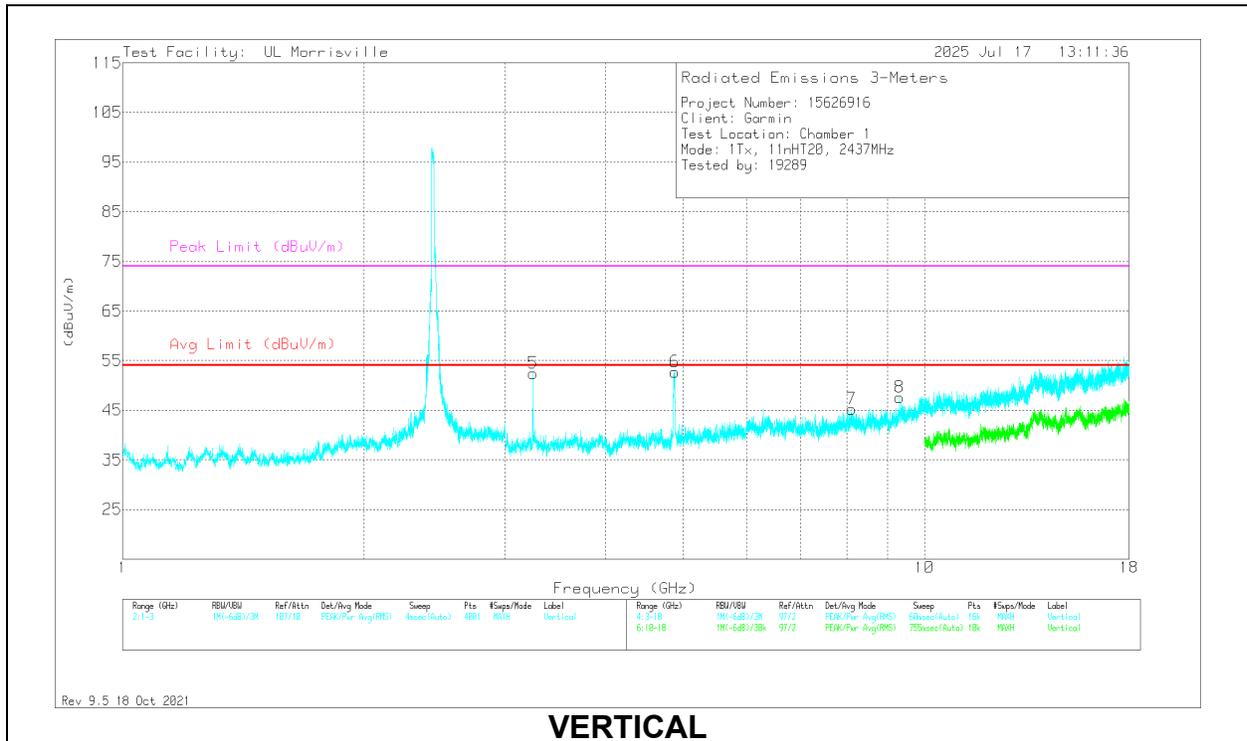
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL, CH 6 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 4.87396	70.63	PK2	34	-45.5	59.13	-	-	74	-14.87	278	127	H
	* ** 4.87545	57.62	ADV	34	-45.3	46.32	54	-7.68	-	-	278	127	H
3	* ** 8.16094	51	Pk	35.9	-42.3	44.6	54	-9.4	74	-29.4	0-360	101	H
4	* ** 9.34219	50.19	Pk	36.2	-40.5	45.89	54	-8.11	74	-28.11	0-360	101	H
6	* ** 4.86928	69.71	PK2	34	-45.9	57.81	-	-	74	-16.19	287	113	V
	* ** 4.87532	56.57	ADV	34	-45.3	45.27	54	-8.73	-	-	287	113	V
7	* ** 8.11031	50.77	Pk	35.9	-41.4	45.27	54	-8.73	74	-28.73	0-360	101	V
8	* ** 9.31219	51.66	Pk	36.1	-40.2	47.56	54	-6.44	74	-26.44	0-360	101	V
5	3.24844	63.95	Pk	32.7	-44.2	52.45	-	-	-	-	0-360	101	V
1	3.24938	67.73	Pk	32.7	-44.1	56.33	-	-	-	-	0-360	101	H

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

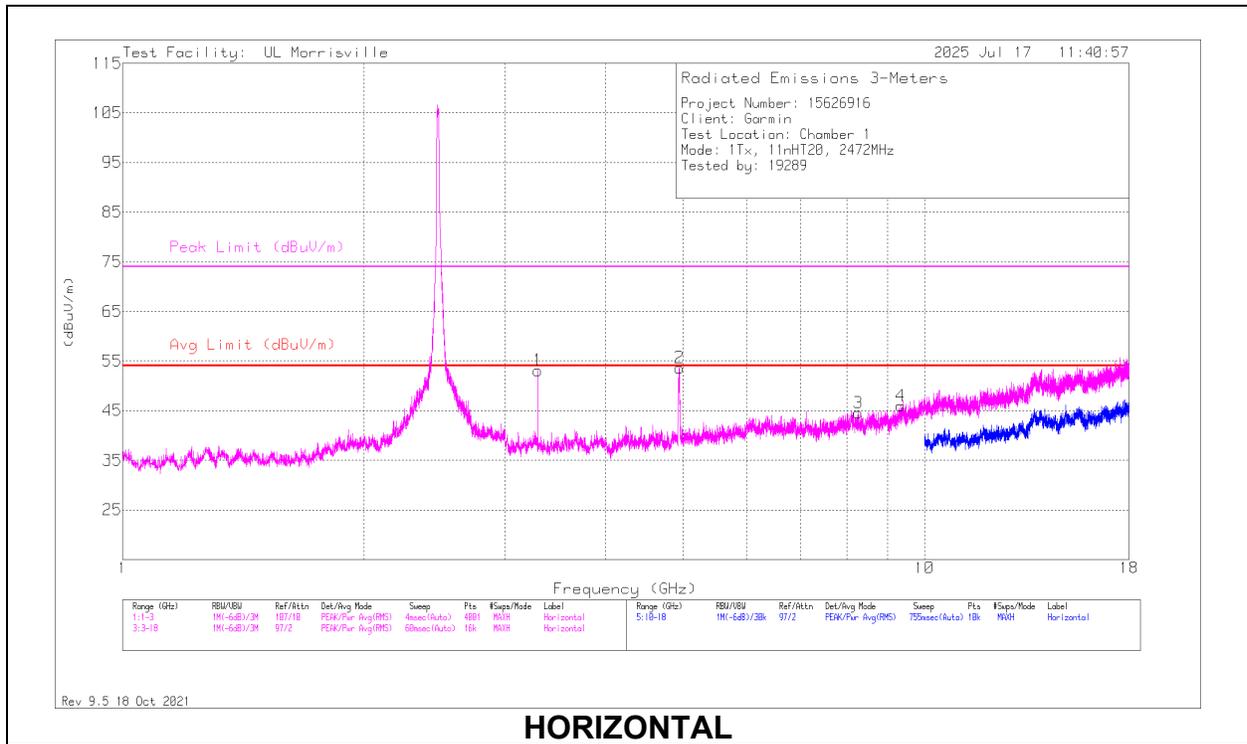
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

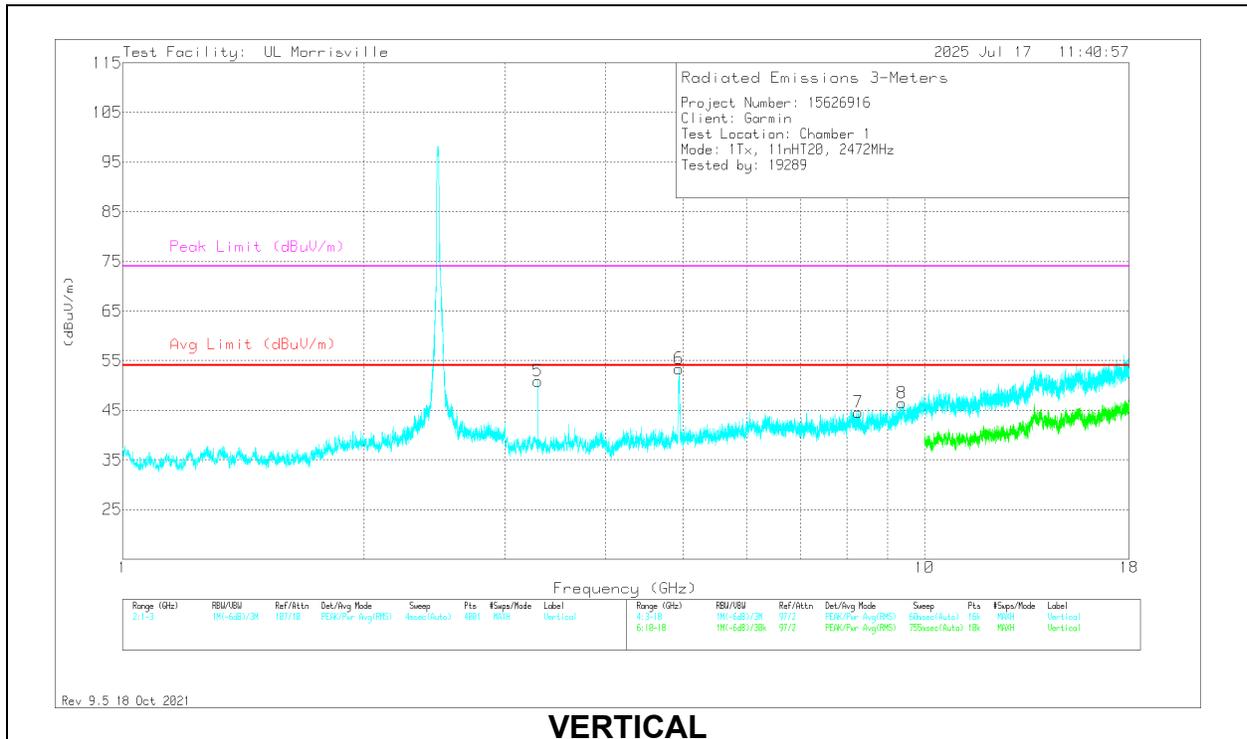
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL, CH 13 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

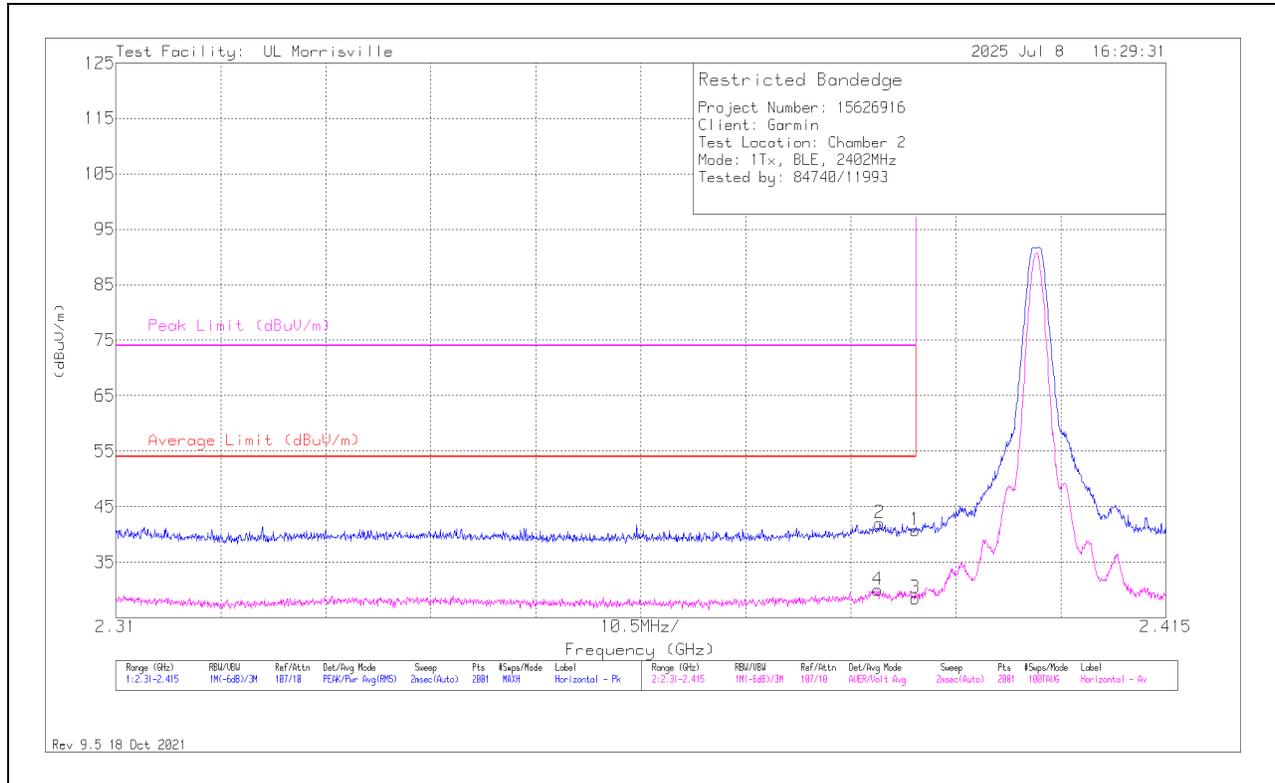
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 4.9452	70.08	PK2	34.1	-45.5	58.68	-	-	74	-15.32	276	115	H
	*** 4.9427	55.53	ADV	34.1	-45.2	44.43	54	-9.57	-	-	276	115	H
3	*** 8.265	50.42	Pk	35.9	-41.8	44.52	54	-9.48	74	-29.48	0-360	199	H
4	*** 9.33844	50.45	Pk	36.2	-40.7	45.95	54	-8.05	74	-28.05	0-360	101	H
6	*** 4.94519	69.77	PK2	34.1	-45.5	58.37	-	-	74	-15.63	256	117	V
	*** 4.94189	54.56	ADV	34.1	-45.2	43.46	54	-10.54	-	-	256	117	V
7	*** 8.26594	50.52	Pk	35.9	-41.8	44.62	54	-9.38	74	-29.38	0-360	200	V
8	*** 9.375	51.17	Pk	36.2	-40.9	46.47	54	-7.53	74	-27.53	0-360	101	V
1	3.29531	65.51	Pk	32.7	-45.1	53.11	-	-	-	-	0-360	101	H
5	3.29531	63.31	Pk	32.7	-45.1	50.91	-	-	-	-	0-360	200	V

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

10.1.1. BLE (1Mbps)

BANDEDGE (LOW CHANNEL, 2402 MHz)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	34.1	Pk	31.8	-25.1	40.8	-	-	74	-33.2	279	387	H
2	*** 2.38639	35.07	Pk	31.8	-24.9	41.97	-	-	74	-32.03	279	387	H
3	*** 2.38996	21.85	ADV	31.8	-25.1	28.55	54	-25.45	-	-	279	386	H
4	*** 2.38618	23.05	ADV	31.8	-24.9	29.95	54	-24.05	-	-	279	386	H

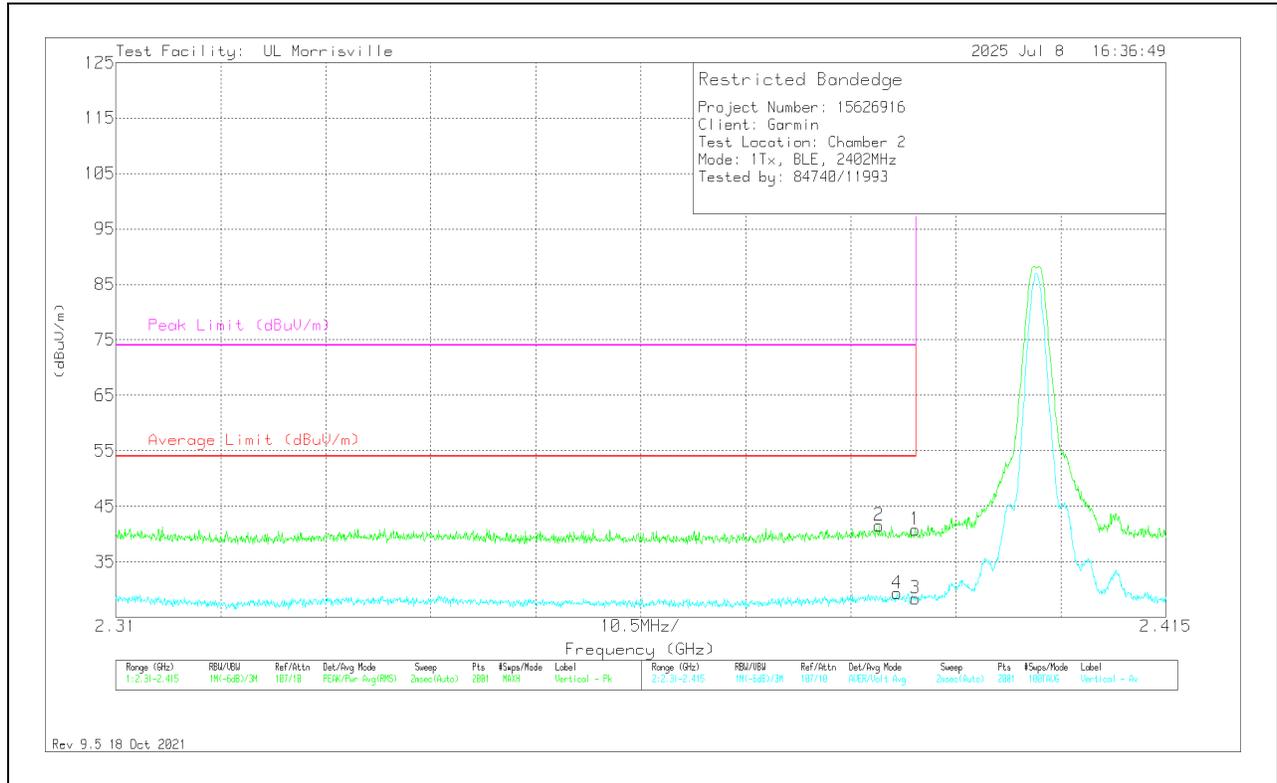
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

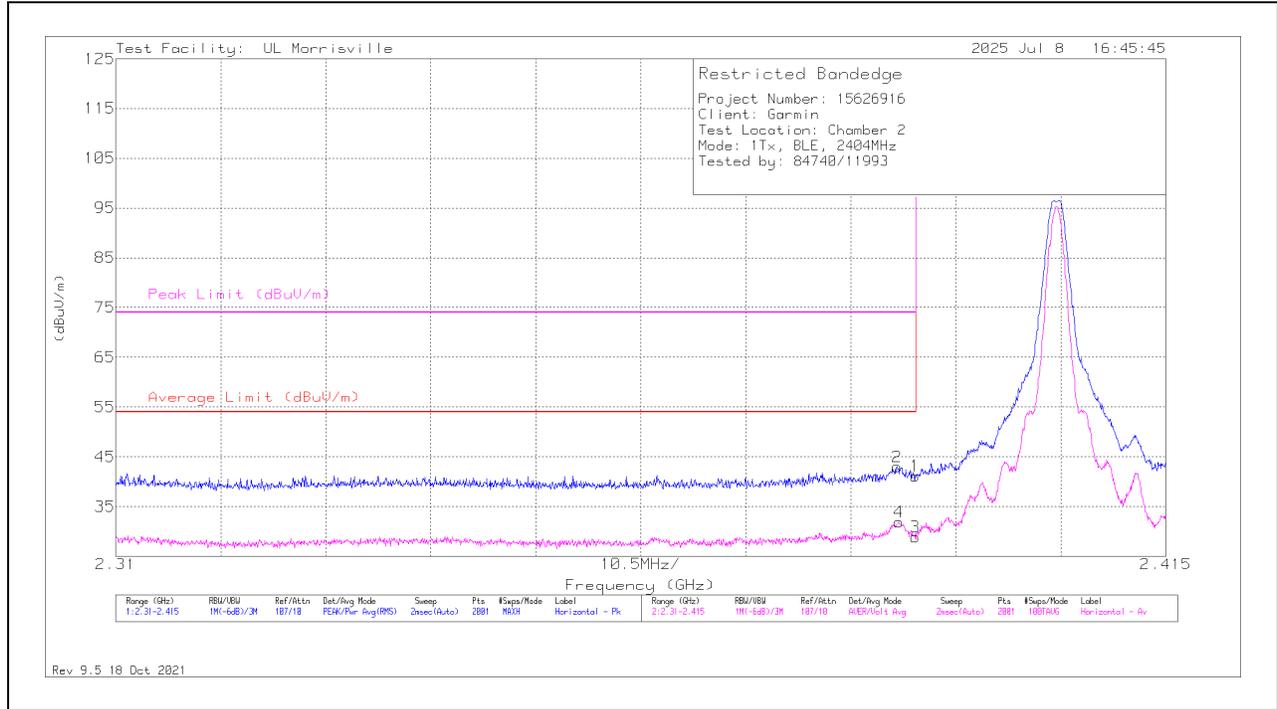


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	34.1	Pk	31.8	-25.1	40.8	-	-	74	-33.2	188	381	V
2	* ** 2.38634	34.65	Pk	31.8	-24.9	41.55	-	-	74	-32.45	188	381	V
3	* ** 2.38996	21.63	ADV	31.8	-25.1	28.33	54	-25.67	-	-	188	381	V
4	* ** 2.38812	22.51	ADV	31.8	-25	29.31	54	-24.69	-	-	188	381	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)

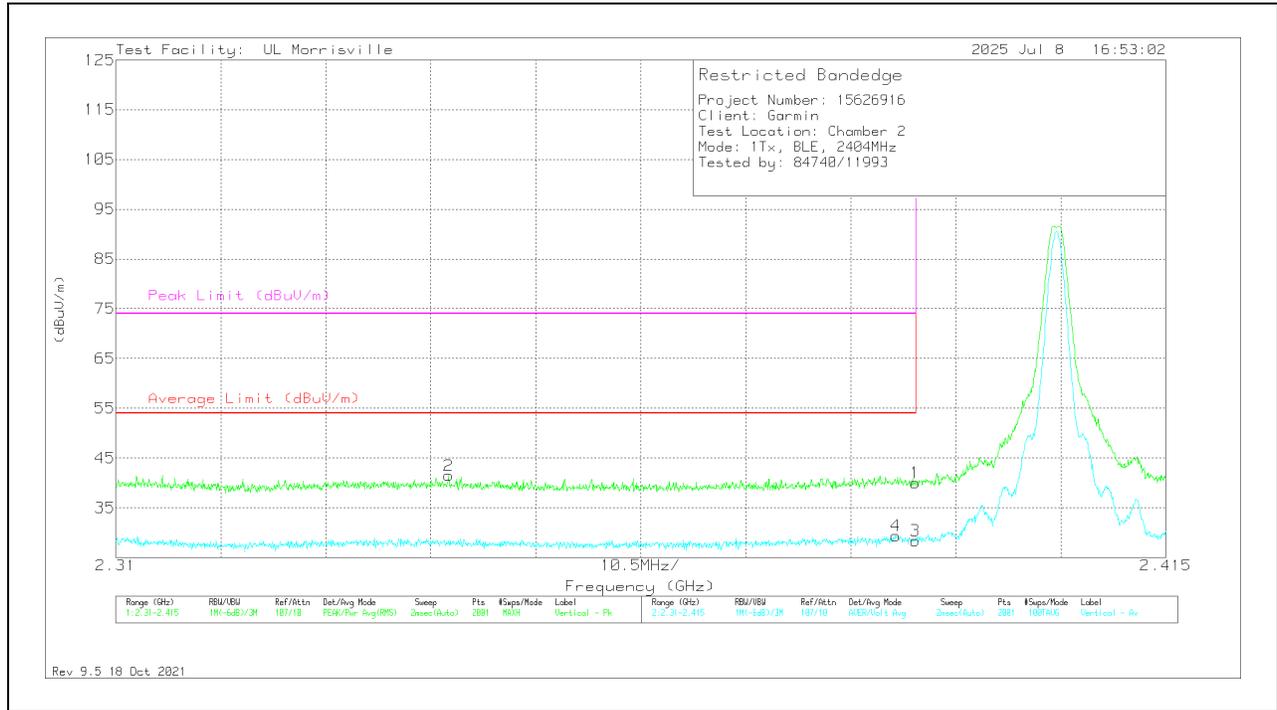
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	34.42	Pk	31.8	-25.1	41.12	-	-	74	-32.88	276	339	H
2	* ** 2.38812	36.16	Pk	31.8	-25	42.96	-	-	74	-31.04	276	339	H
3	* ** 2.38996	22.22	ADV	31.8	-25.1	28.92	54	-25.08	-	-	276	339	H
4	* ** 2.38833	25.06	ADV	31.8	-25	31.86	54	-22.14	-	-	276	339	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

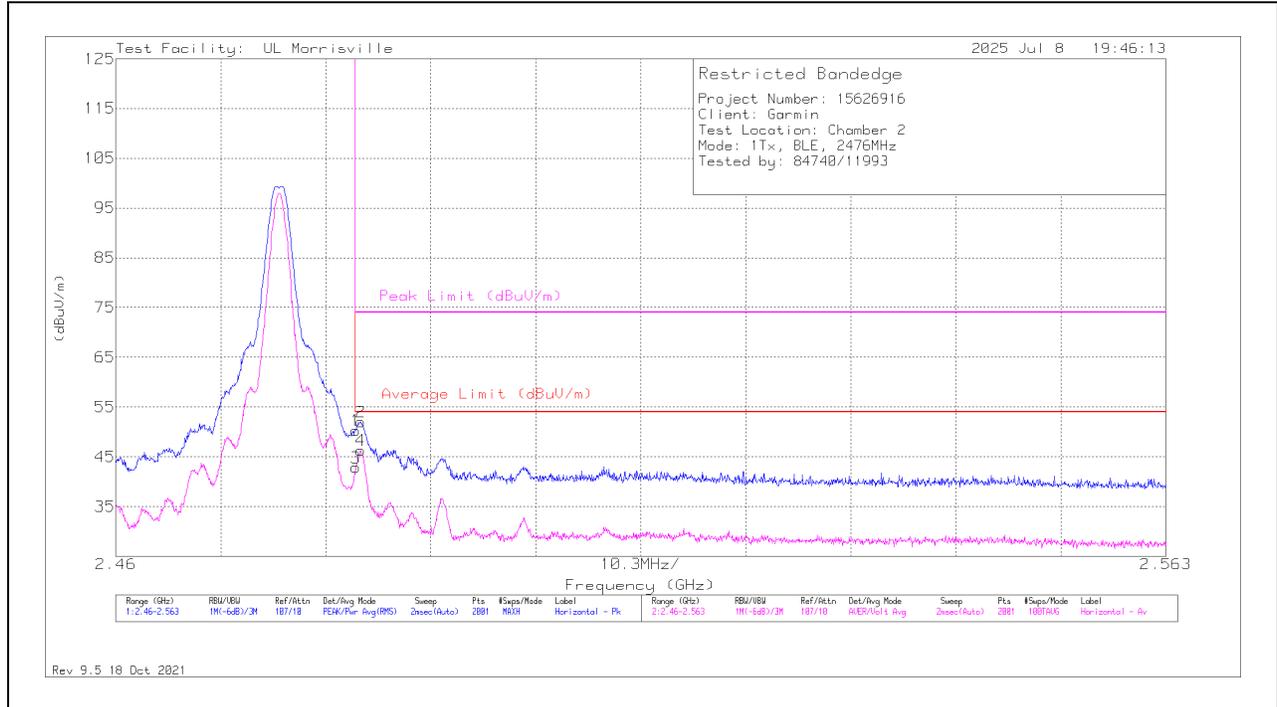


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	33.28	Pk	31.8	-25.1	39.98	-	-	74	-34.02	174	336	V
2	* ** 2.34329	34.56	Pk	31.7	-24.8	41.46	-	-	74	-32.54	174	336	V
3	* ** 2.38996	21.66	ADV	31.8	-25.1	28.36	54	-25.64	-	-	174	336	V
4	* ** 2.38802	22.56	ADV	31.8	-25	29.36	54	-24.64	-	-	174	336	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, 2476 MHz)

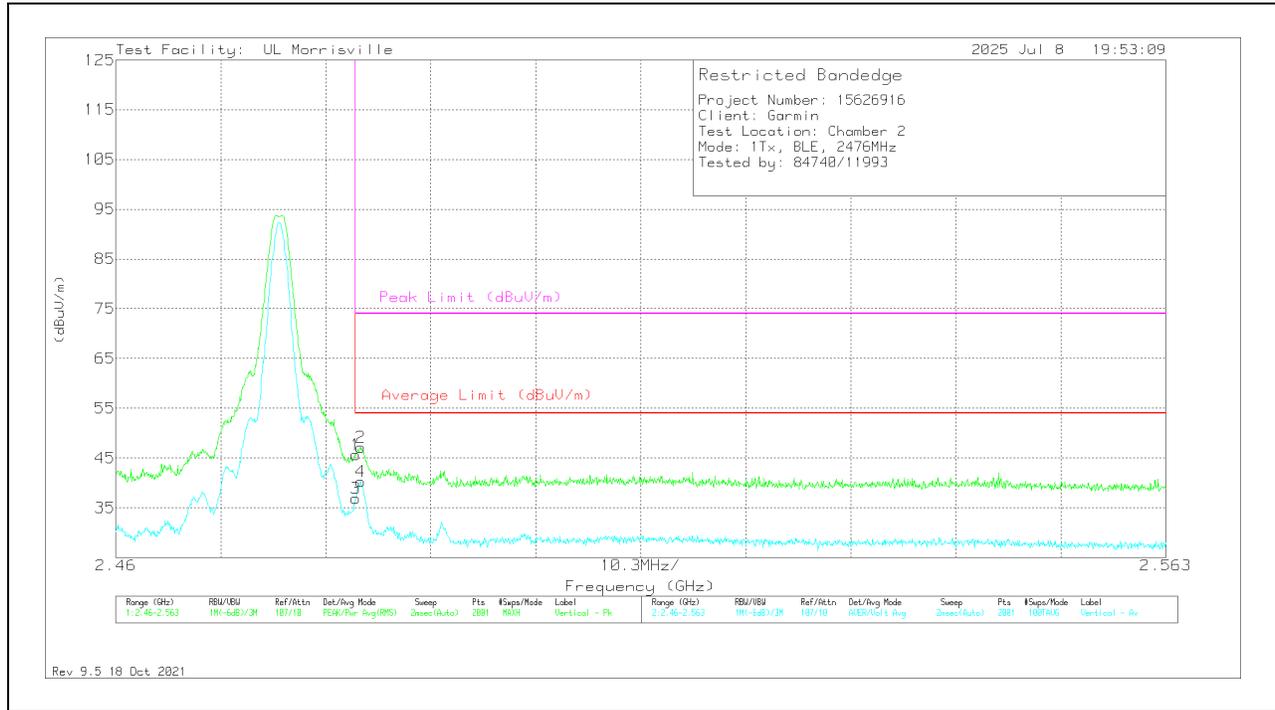
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	43.61	Pk	32.2	-25.5	50.31	-	-	74	-23.69	264	249	H
2	* ** 2.484	45.38	Pk	32.2	-25.6	51.98	-	-	74	-22.02	264	249	H
3	* ** 2.48354	36.13	ADV	32.2	-25.5	42.83	54	-11.17	-	-	264	249	H
4	* ** 2.484	39.72	ADV	32.2	-25.6	46.32	54	-7.68	-	-	264	249	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

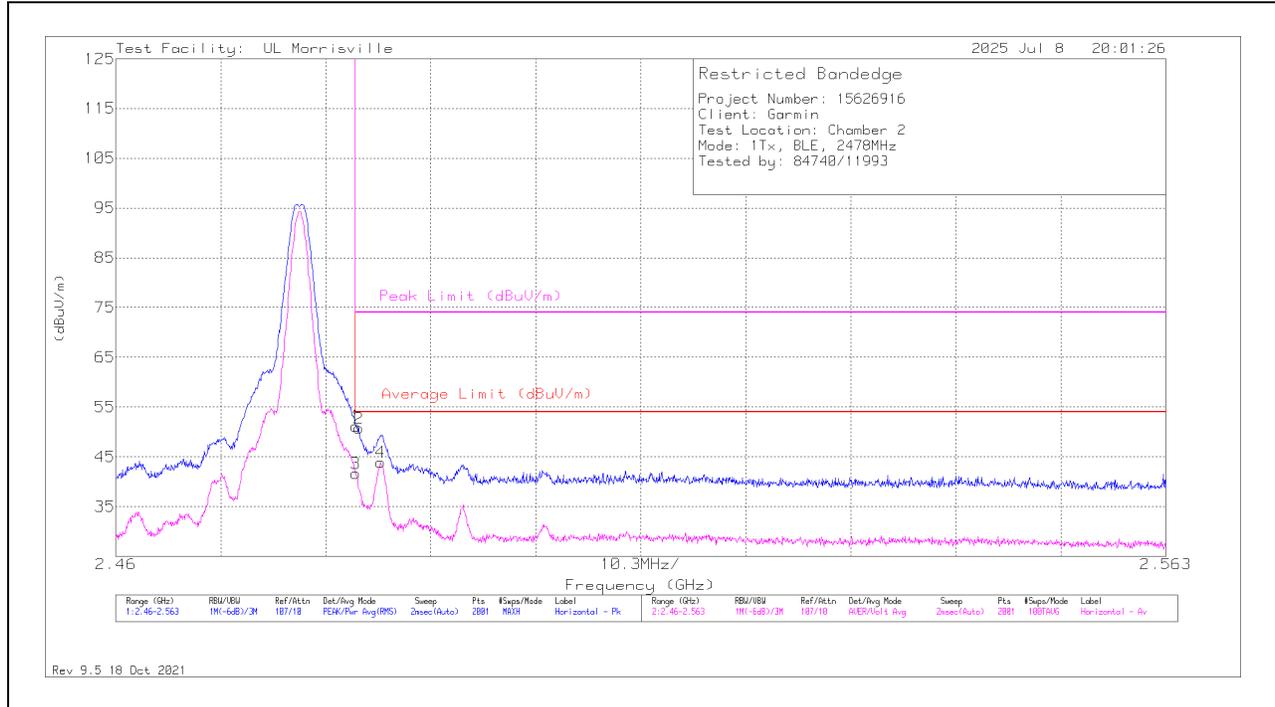


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	38.9	Pk	32.2	-25.5	45.6	-	-	74	-28.4	202	274	V
2	* ** 2.484	40.5	Pk	32.2	-25.6	47.1	-	-	74	-26.9	202	274	V
3	* ** 2.48354	30.14	ADV	32.2	-25.5	36.84	54	-17.16	-	-	202	274	V
4	* ** 2.484	33.66	ADV	32.2	-25.6	40.26	54	-13.74	-	-	202	274	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)

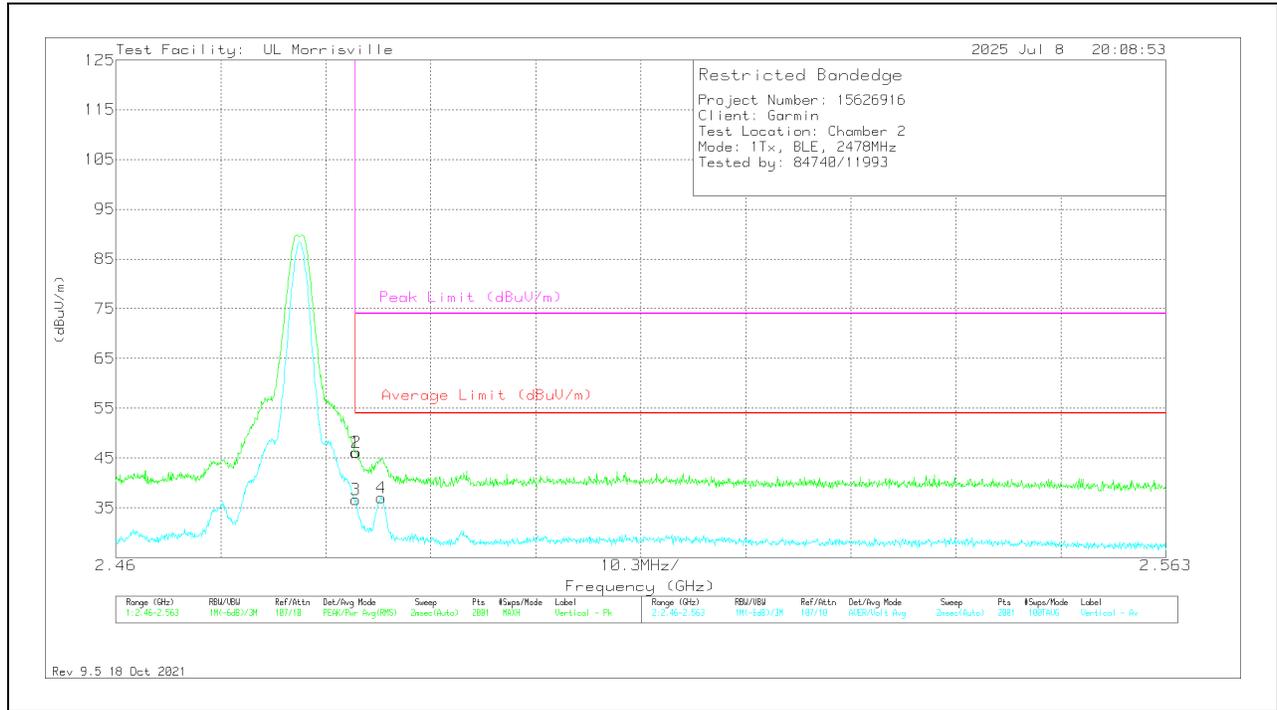
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	44.49	Pk	32.2	-25.5	51.19	-	-	74	-22.81	269	281	H
2	* ** 2.48384	44.02	Pk	32.2	-25.5	50.72	-	-	74	-23.28	269	281	H
3	* ** 2.48354	34.93	ADV	32.2	-25.5	41.63	54	-12.37	-	-	269	281	H
4	* ** 2.48596	37.26	ADV	32.3	-25.7	43.86	54	-10.14	-	-	269	281	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

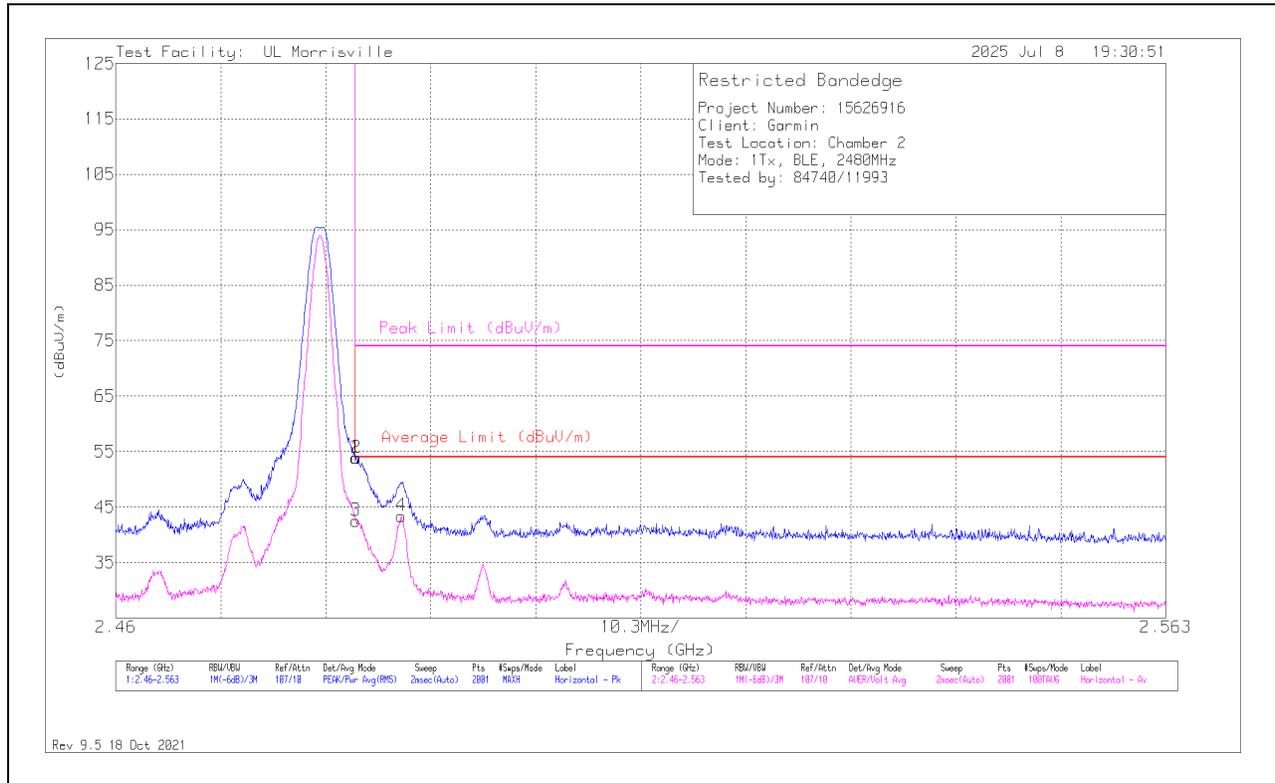


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	39.45	Pk	32.2	-25.5	46.15	-	-	74	-27.85	167	275	V
2	* ** 2.48359	39.46	Pk	32.2	-25.5	46.16	-	-	74	-27.84	167	275	V
3	* ** 2.48354	29.93	ADV	32.2	-25.5	36.63	54	-17.37	-	-	167	275	V
4	* ** 2.48606	30.45	ADV	32.3	-25.7	37.05	54	-16.95	-	-	167	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

BANDEGE (HIGH CHANNEL, 2480 MHz)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	47.15	Pk	32.2	-25.5	53.85	-	-	74	-20.15	256	172	H
2	*** 2.48359	47.15	Pk	32.2	-25.5	53.85	-	-	74	-20.15	256	172	H
3	*** 2.48354	35.82	ADV	32.2	-25.5	42.52	54	-11.48	-	-	256	172	H
4	*** 2.48802	36.89	ADV	32.3	-25.8	43.39	54	-10.61	-	-	256	172	H

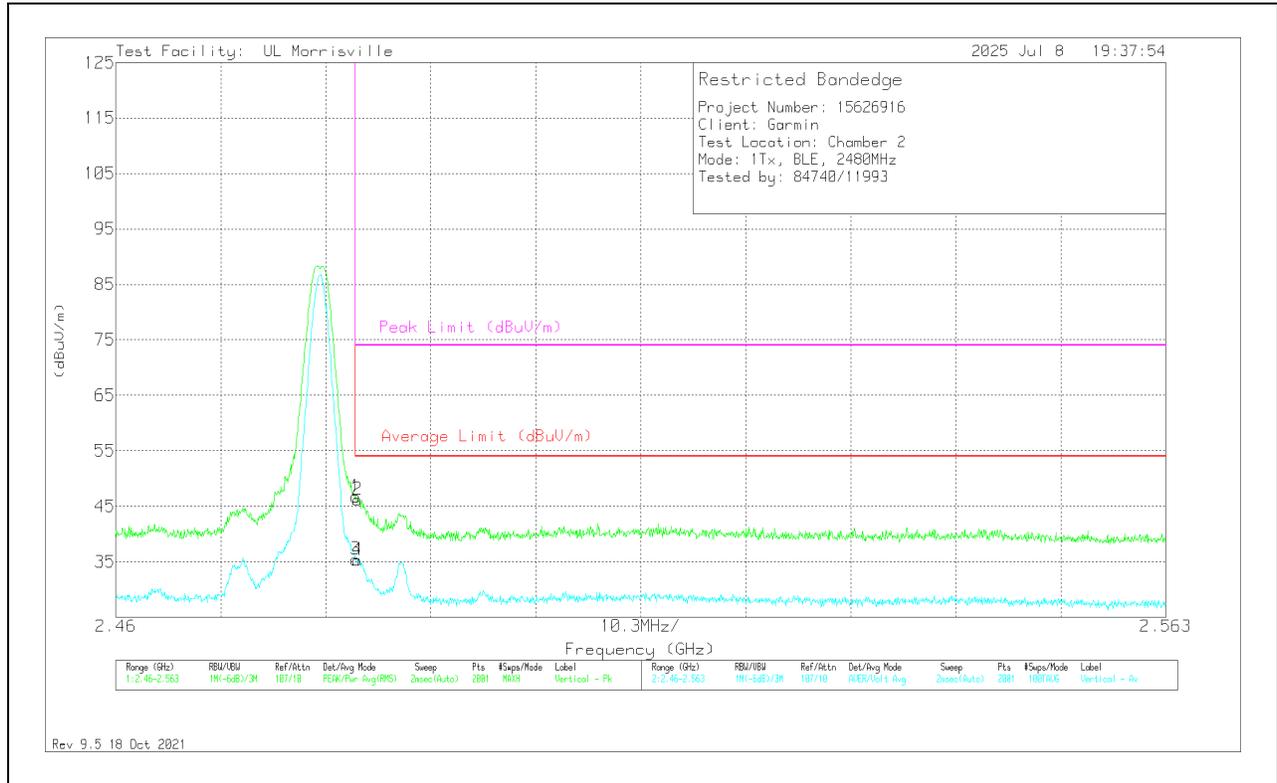
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

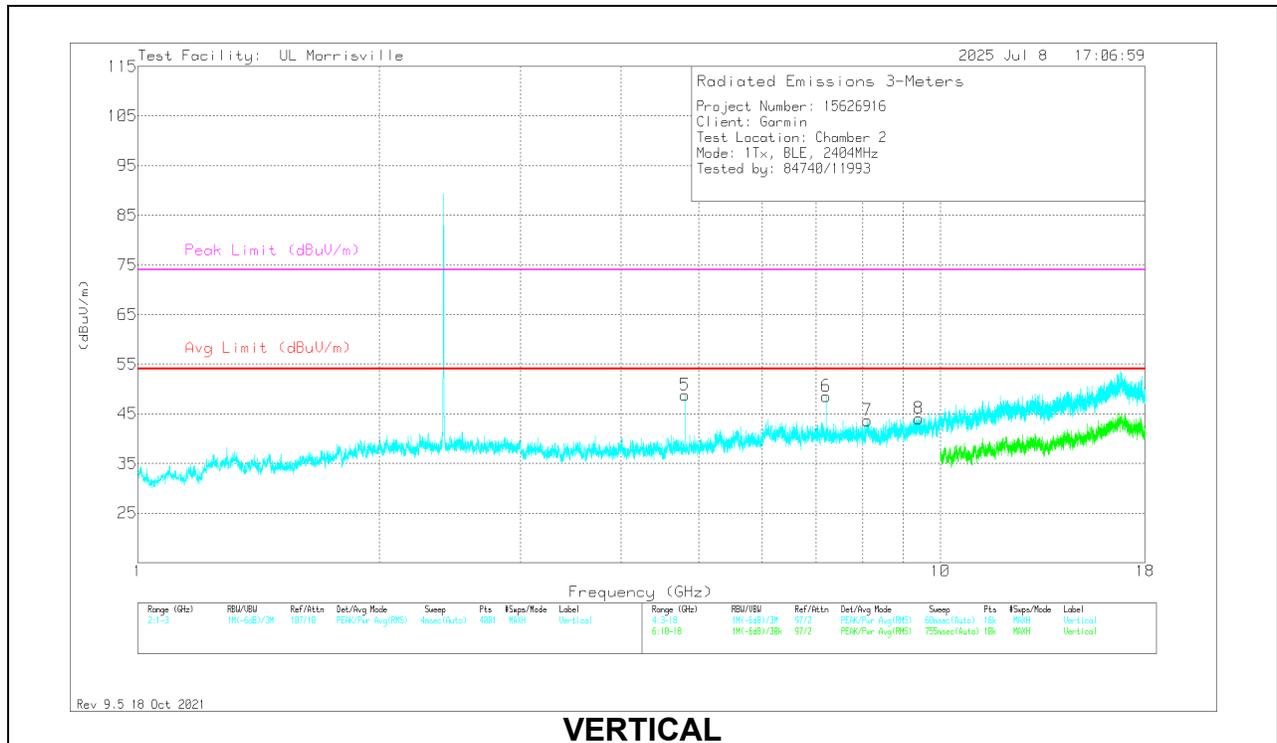
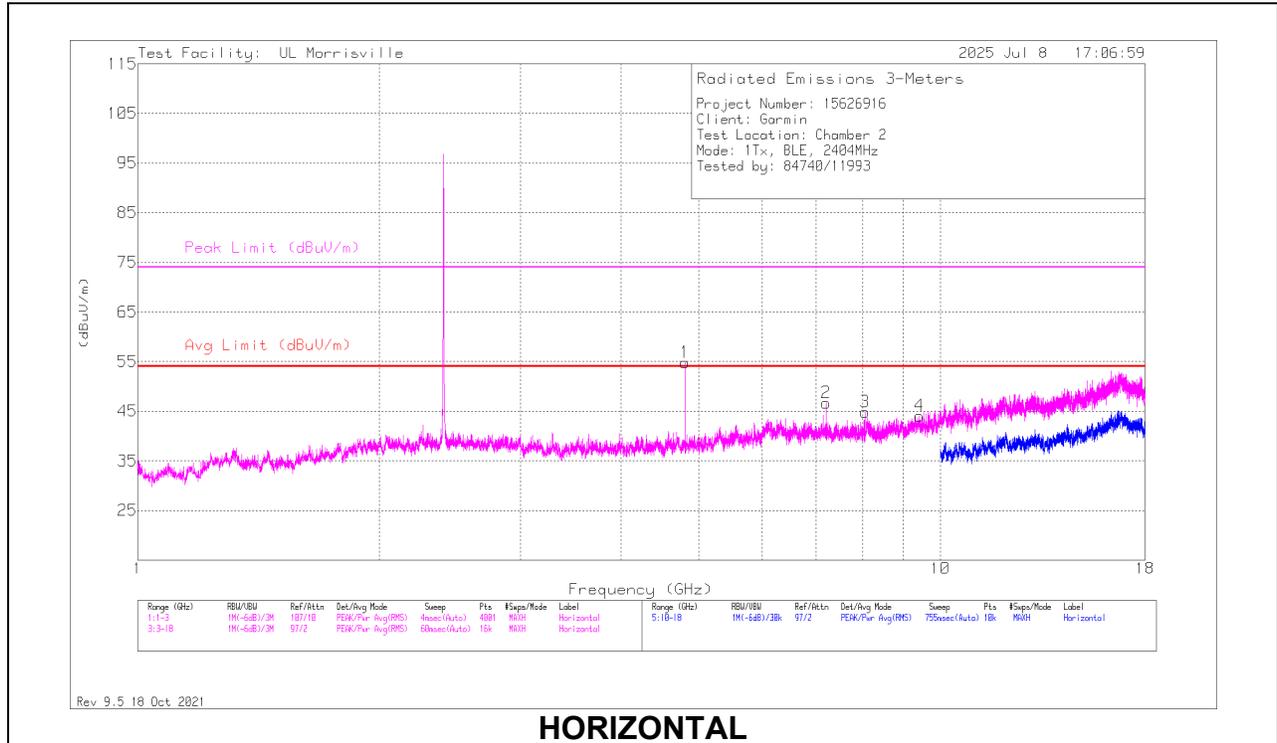


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	40.02	Pk	32.2	-25.5	46.72	-	-	74	-27.28	177	275	V
2	* ** 2.48374	39.5	Pk	32.2	-25.5	46.2	-	-	74	-27.8	177	275	V
3	* ** 2.48354	28.66	ADV	32.2	-25.5	35.36	54	-18.64	-	-	177	275	V
4	* ** 2.48369	28.61	ADV	32.2	-25.5	35.31	54	-18.69	-	-	177	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 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 4.80761	67.33	PK2	34.1	-45.5	55.93	-	-	74	-18.07	294	206	H
	* ** 4.80834	62.37	ADV	34.1	-45.6	50.87	54	-3.13	-	-	294	206	H
3	* ** 8.05781	50.5	Pk	35.7	-41.4	44.8	54	-9.2	74	-29.2	0-360	200	H
4	* ** 9.41906	49.01	Pk	36.6	-41.5	44.11	54	-9.89	74	-29.89	0-360	101	H
5	* ** 4.80858	63.04	PK2	34.1	-45.6	51.54	-	-	74	-22.46	315	112	V
	* ** 4.80824	57.41	ADV	34.1	-45.6	45.91	54	-8.09	-	-	315	112	V
7	* ** 8.10938	49.21	Pk	35.7	-41.2	43.71	54	-10.29	74	-30.29	0-360	200	V
8	* ** 9.405	48.03	Pk	36.6	-40.6	44.03	54	-9.97	74	-29.97	0-360	200	V
2	7.21125	53.83	Pk	35.5	-42.7	46.63	-	-	-	-	0-360	200	H
6	7.21219	55.75	Pk	35.5	-42.7	48.55	-	-	-	-	0-360	101	V

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

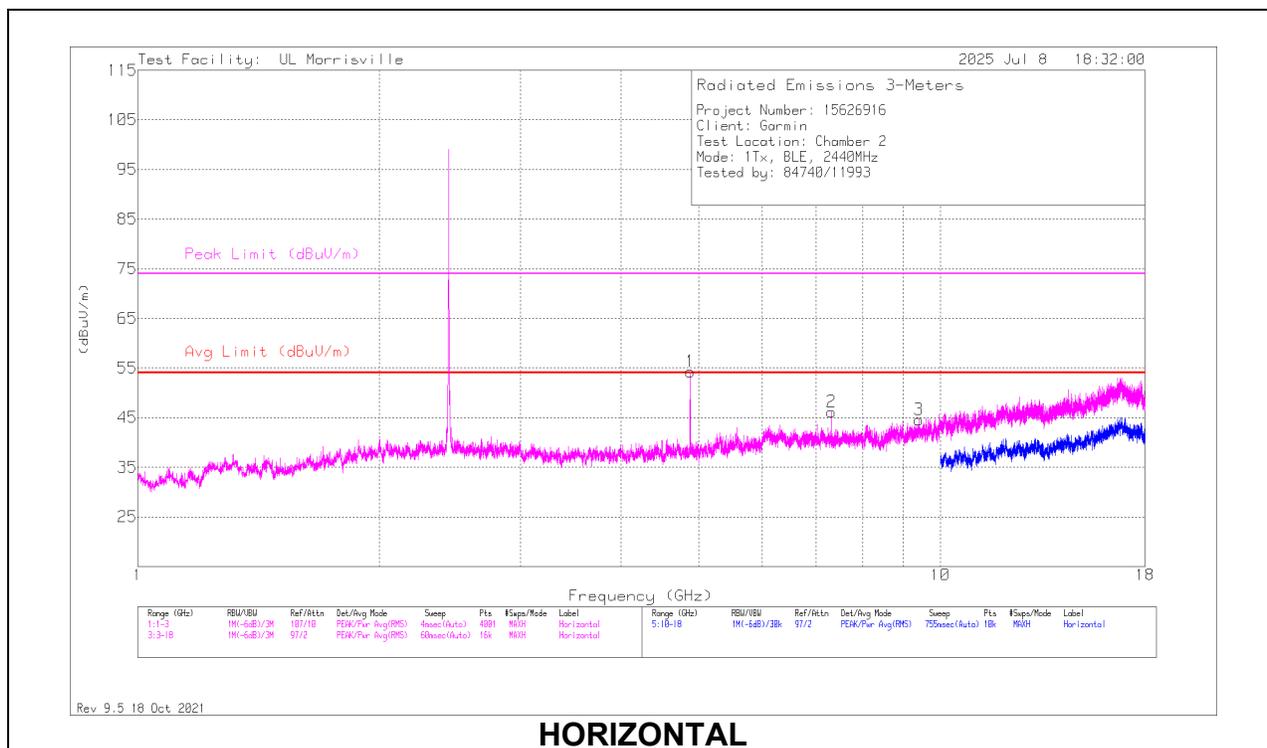
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

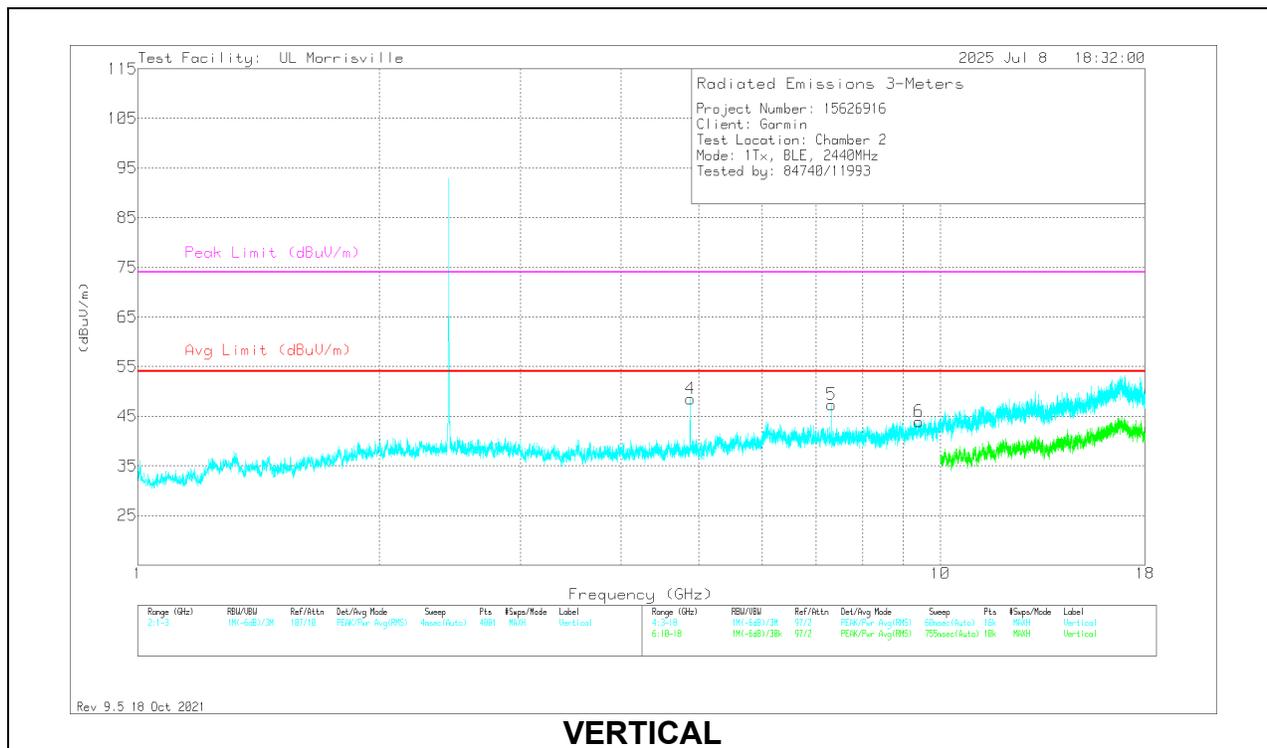
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	*** 4.88058	65.97	PK2	34	-44.5	55.47	-	-	74	-18.53	293	175	H
	*** 4.88061	60.68	ADV	34	-44.5	50.18	54	-3.82	-	-	293	175	H
2	*** 7.31906	53.74	Pk	35.6	-43.2	46.14	54	-7.86	74	-27.86	0-360	200	H
3	*** 9.40688	48.42	Pk	36.6	-40.4	44.62	54	-9.38	74	-29.38	0-360	200	H
4	*** 4.87959	61.58	PK2	34	-44.4	51.18	-	-	74	-22.82	312	118	V
	*** 4.88062	55.3	ADV	34	-44.5	44.8	54	-9.2	-	-	312	118	V
5	*** 7.31906	54.93	Pk	35.6	-43.2	47.33	54	-6.67	74	-26.67	0-360	200	V
6	*** 9.40688	47.69	Pk	36.6	-40.4	43.89	54	-10.11	74	-30.11	0-360	200	V

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

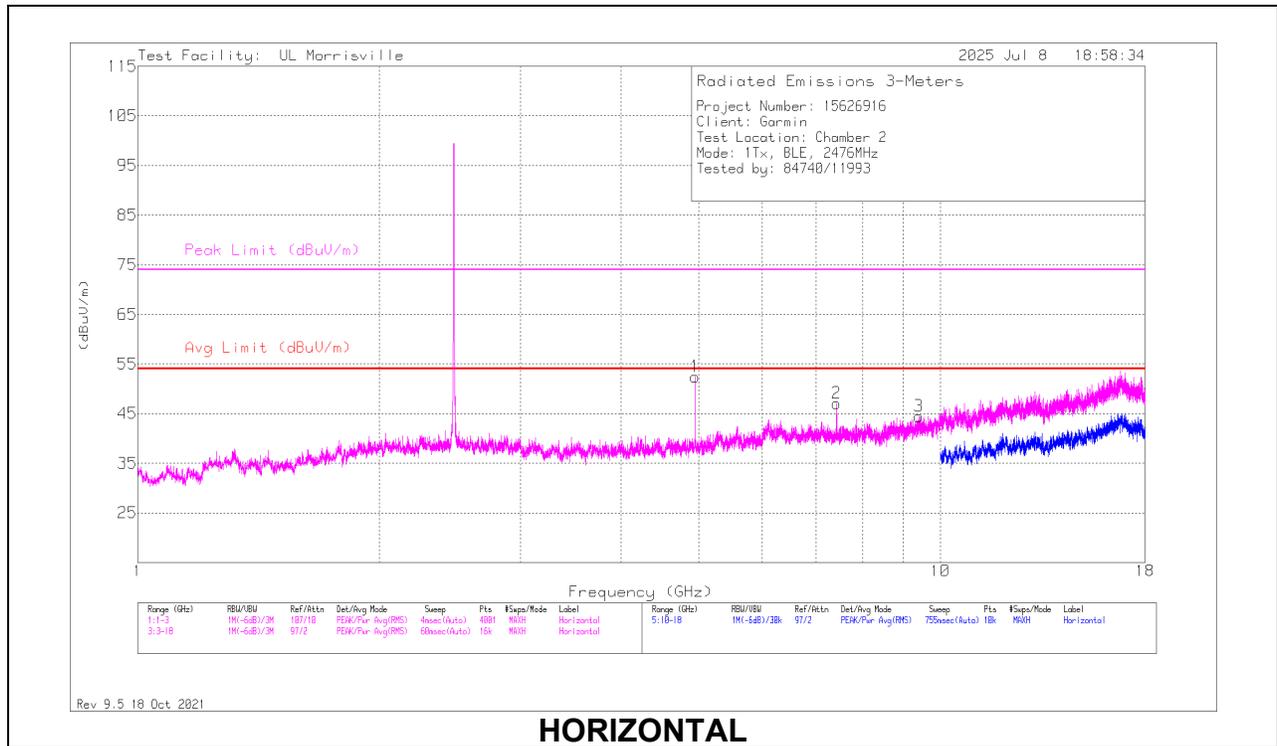
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

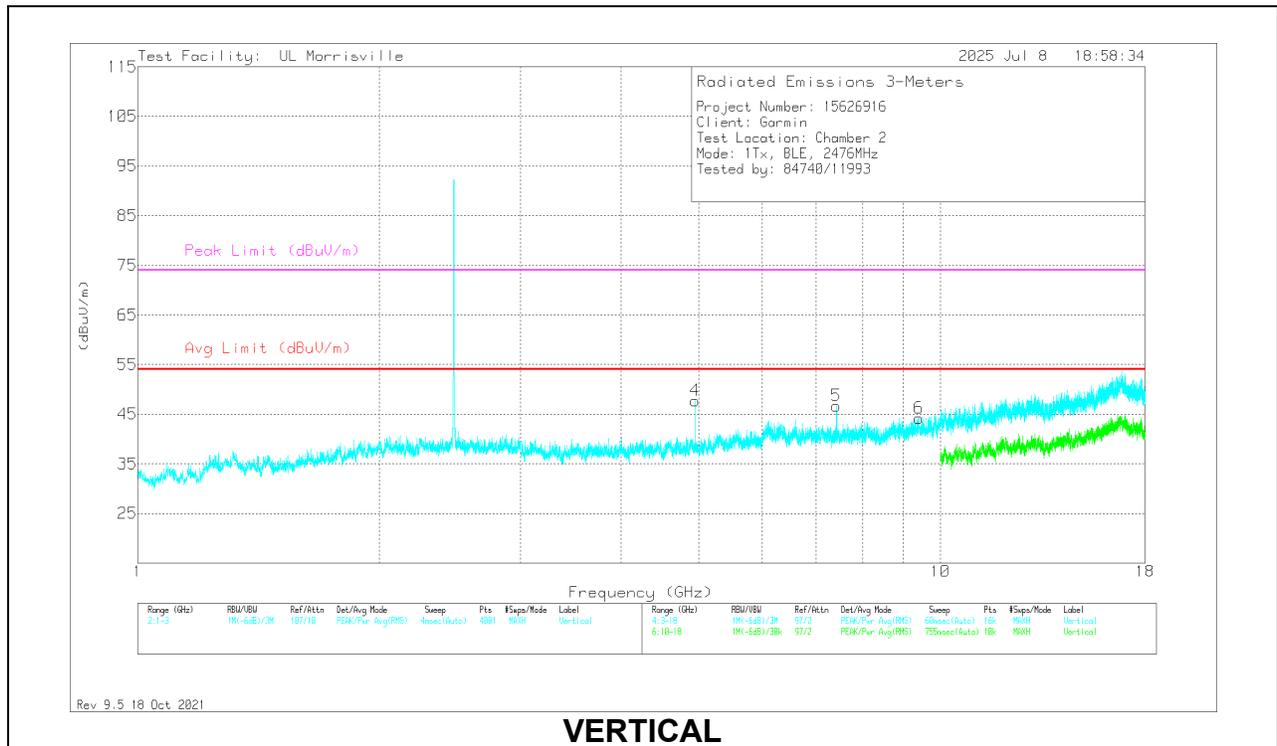
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	*** 4.95165	67.07	PK2	33.9	-45.5	55.47	-	-	74	-18.53	327	135	H
	*** 4.95148	62	ADV	33.9	-45.5	50.4	54	-3.6	-	-	327	135	H
2	*** 7.42875	53.22	Pk	35.6	-41.8	47.02	54	-6.98	74	-26.98	0-360	200	H
3	*** 9.40969	48.44	Pk	36.6	-40.6	44.44	54	-9.56	74	-29.56	0-360	200	H
4	*** 4.95188	59.36	Pk	33.9	-45.5	47.76	54	-6.24	74	-26.24	0-360	101	V
5	*** 7.42688	53.01	Pk	35.6	-41.9	46.71	54	-7.29	74	-27.29	0-360	200	V
6	*** 9.40781	48.02	Pk	36.6	-40.4	44.22	54	-9.78	74	-29.78	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

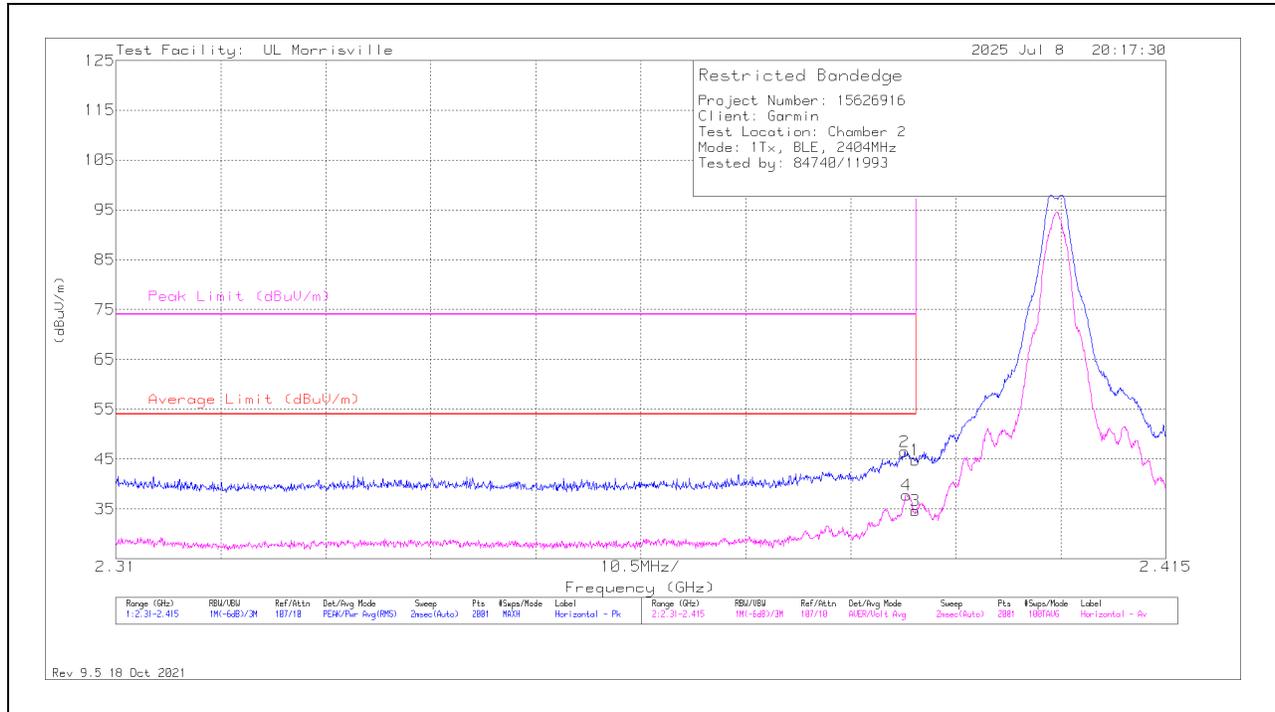
PK2 - Maximum Peak

ADV - Linear Voltage Average

10.1.2. BLE (2Mbps)

BANDEDGE (LOW CHANNEL, 2404 MHz)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	38.1	Pk	31.8	-25.1	44.8	-	-	74	-29.2	272	298	H
2	*** 2.38886	39.67	Pk	31.8	-25	46.47	-	-	74	-27.53	272	298	H
3	*** 2.38996	27.91	ADV	31.8	-25.1	34.61	54	-19.39	-	-	272	298	H
4	*** 2.38907	31	ADV	31.8	-25	37.8	54	-16.2	-	-	272	298	H

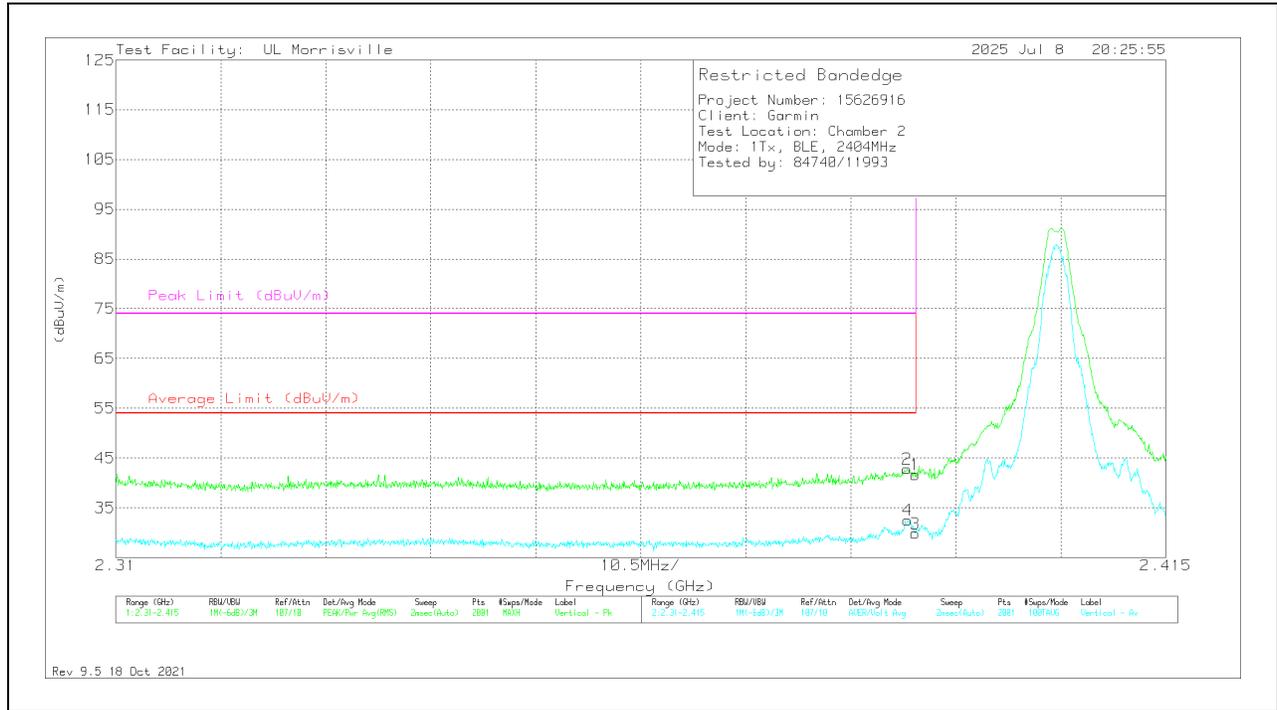
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

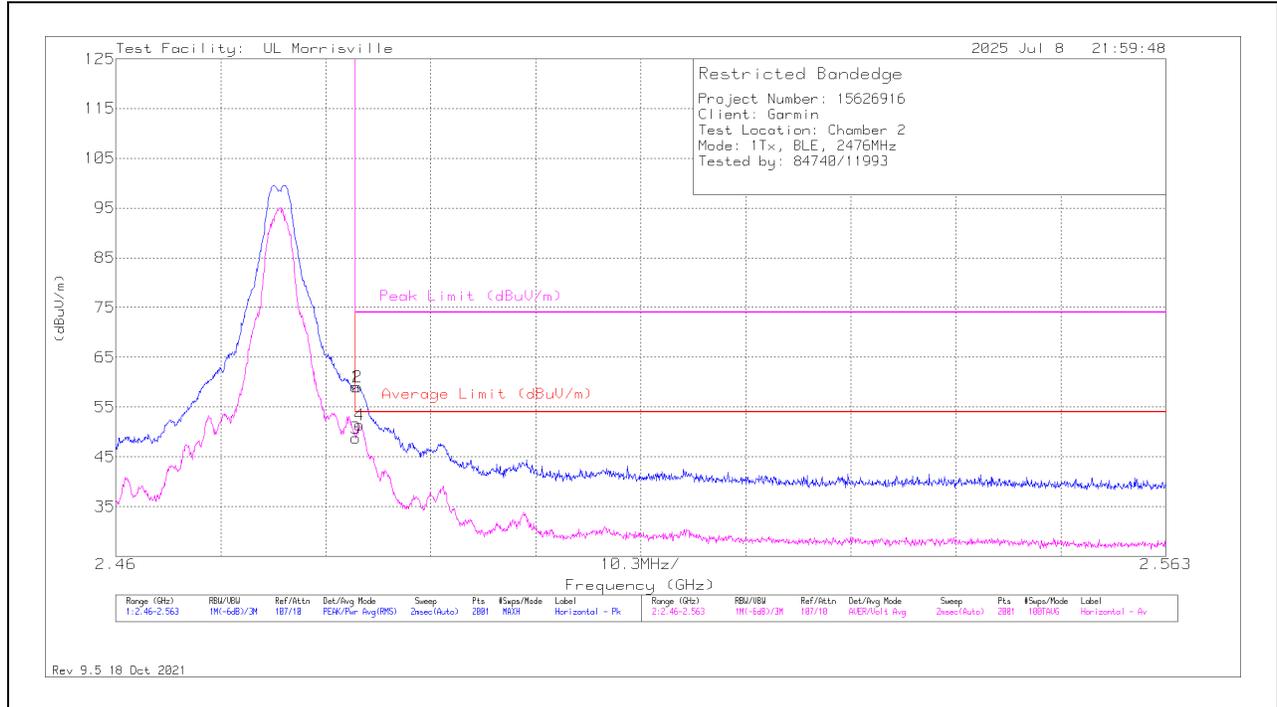


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	34.97	Pk	31.8	-25.1	41.67	-	-	74	-32.33	146	292	V
2	* ** 2.38912	36.02	Pk	31.8	-25	42.82	-	-	74	-31.18	146	292	V
3	* ** 2.38996	23.11	ADV	31.8	-25.1	29.81	54	-24.19	-	-	146	292	V
4	* ** 2.38917	25.75	ADV	31.8	-25	32.55	54	-21.45	-	-	146	292	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, 2476 MHz)

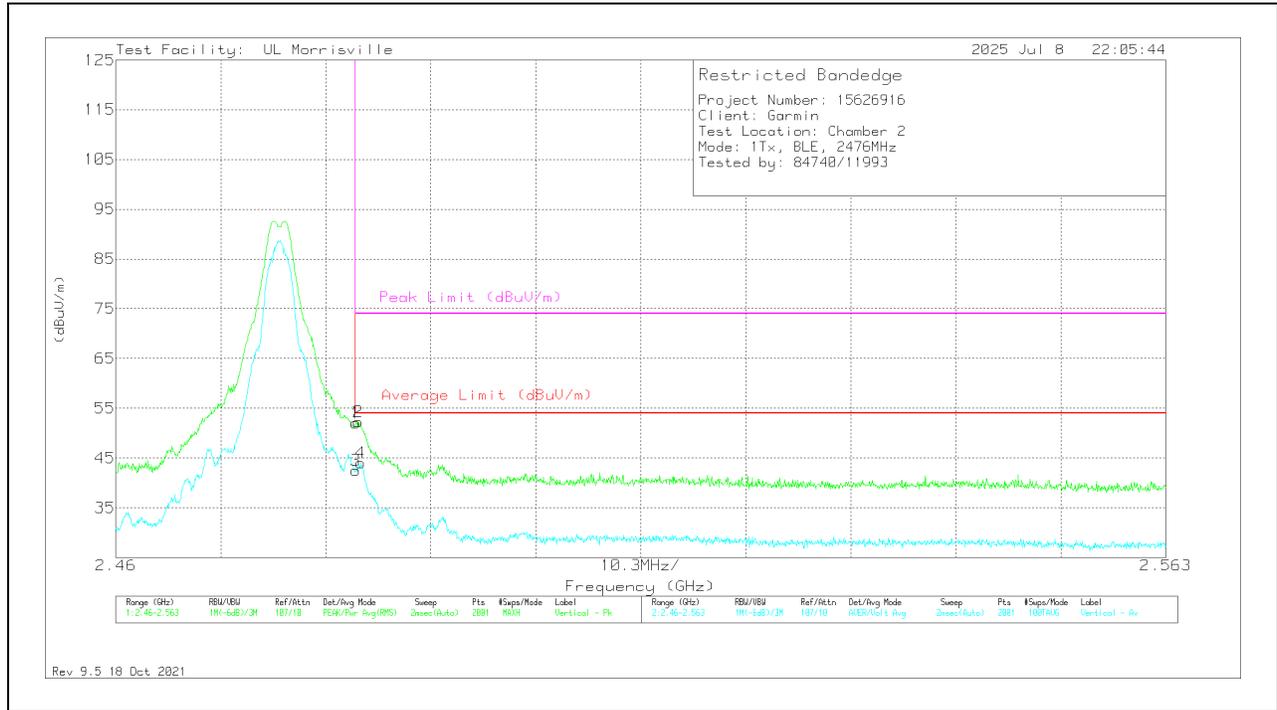
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	52.35	Pk	32.2	-25.5	59.05	-	-	74	-14.95	246	176	H
2	* ** 2.48374	52.33	Pk	32.2	-25.5	59.03	-	-	74	-14.97	246	176	H
3	* ** 2.48354	42.03	ADV	32.2	-25.5	48.73	54	-5.27	-	-	246	176	H
4	* ** 2.4839	44.7	ADV	32.2	-25.5	51.4	54	-2.6	-	-	246	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

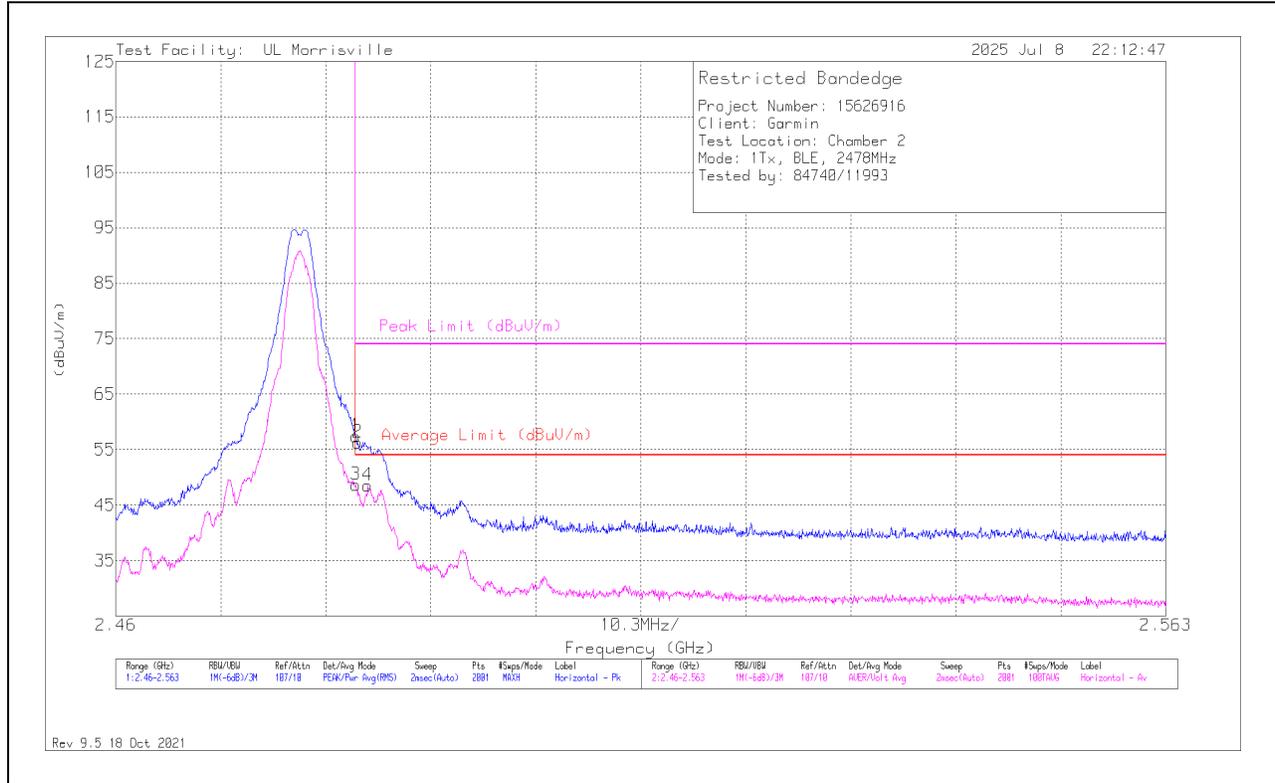


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	45.32	Pk	32.2	-25.5	52.02	-	-	74	-21.98	179	274	V
2	* ** 2.48379	45.56	Pk	32.2	-25.5	52.26	-	-	74	-21.74	179	274	V
3	* ** 2.48354	35.77	ADV	32.2	-25.5	42.47	54	-11.53	-	-	179	274	V
4	* ** 2.48405	37.43	ADV	32.2	-25.6	44.03	54	-9.97	-	-	179	274	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	88761 (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	50.72	Pk	32.2	-25.5	57.42	-	-	74	-16.58	262	202	H
2	*** 2.48374	49.56	Pk	32.2	-25.5	56.26	-	-	74	-17.74	262	202	H
3	*** 2.48354	41.95	ADV	32.2	-25.5	48.65	54	-5.35	-	-	262	202	H
4	*** 2.48472	41.89	ADV	32.2	-25.6	48.49	54	-5.51	-	-	262	202	H

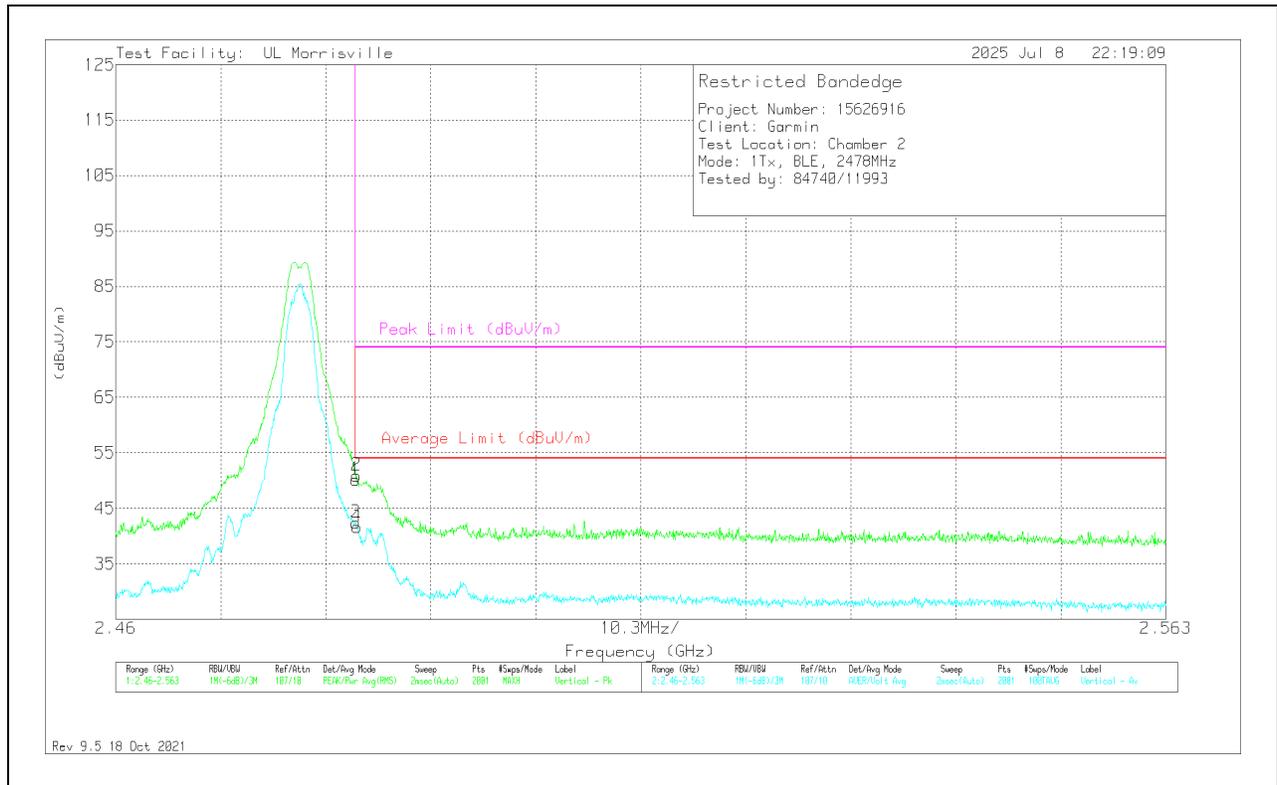
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

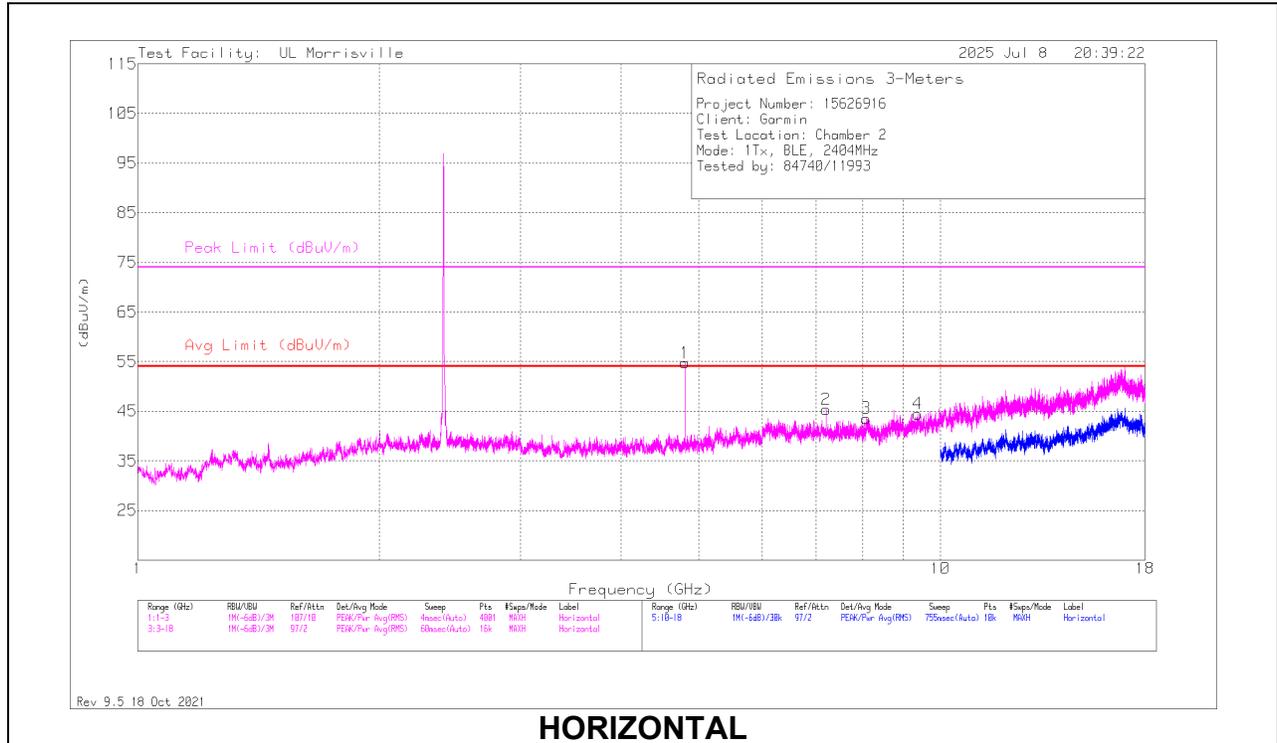


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	43.42	Pk	32.2	-25.5	50.12	-	-	74	-23.88	164	273	V
2	*** 2.48359	44.19	Pk	32.2	-25.5	50.89	-	-	74	-23.11	164	273	V
3	*** 2.48354	35.66	ADV	32.2	-25.5	42.36	54	-11.64	-	-	164	273	V
4	*** 2.48364	34.99	ADV	32.2	-25.5	41.69	54	-12.31	-	-	164	273	V

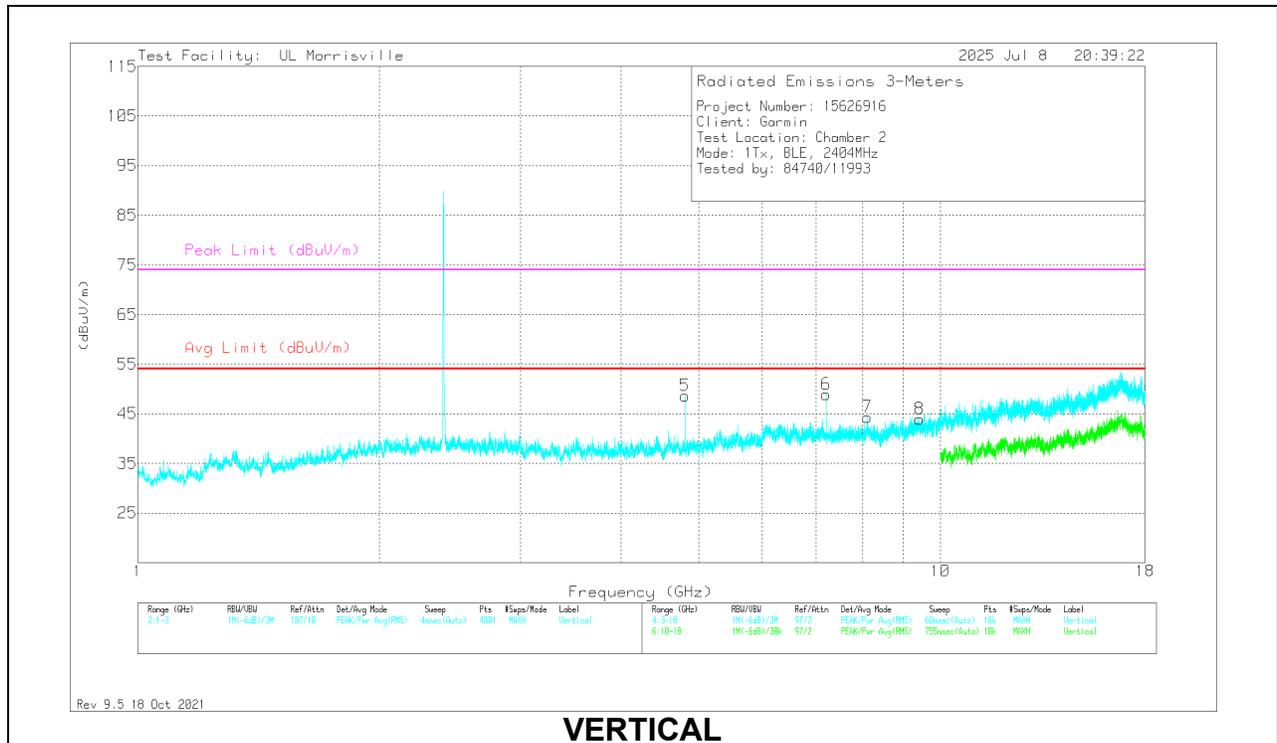
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



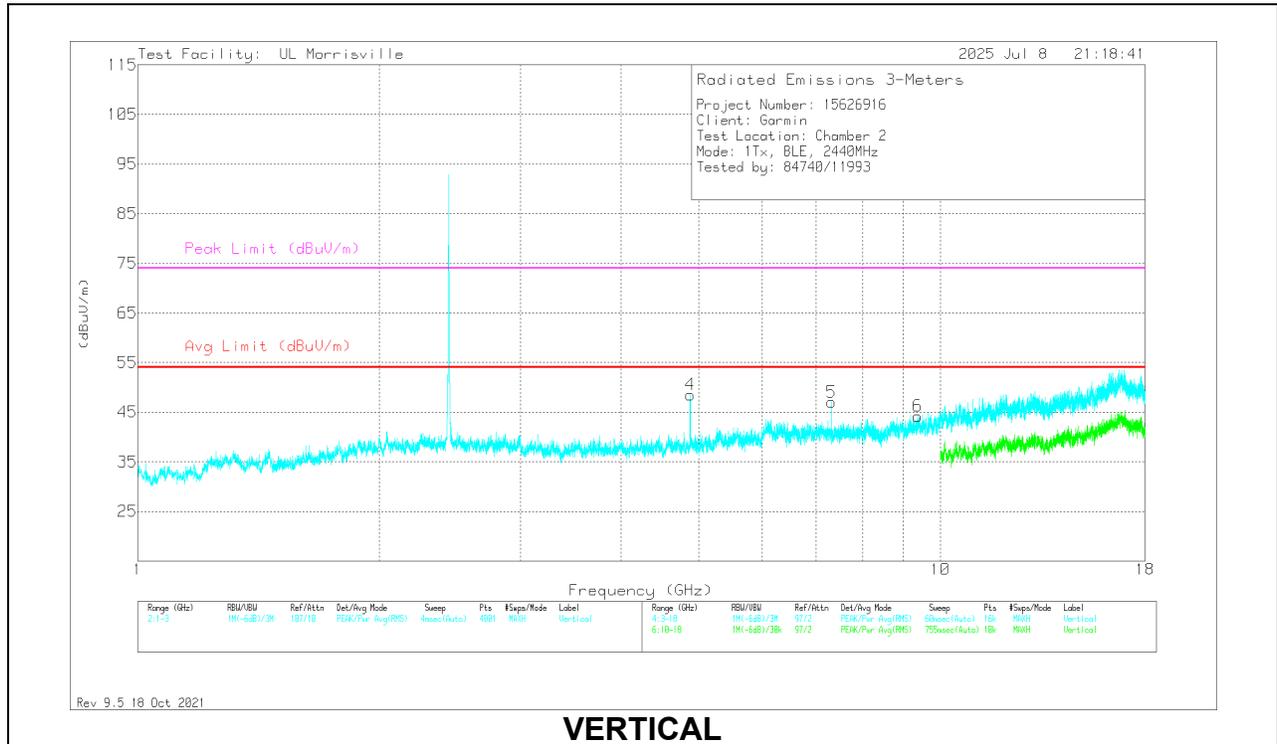
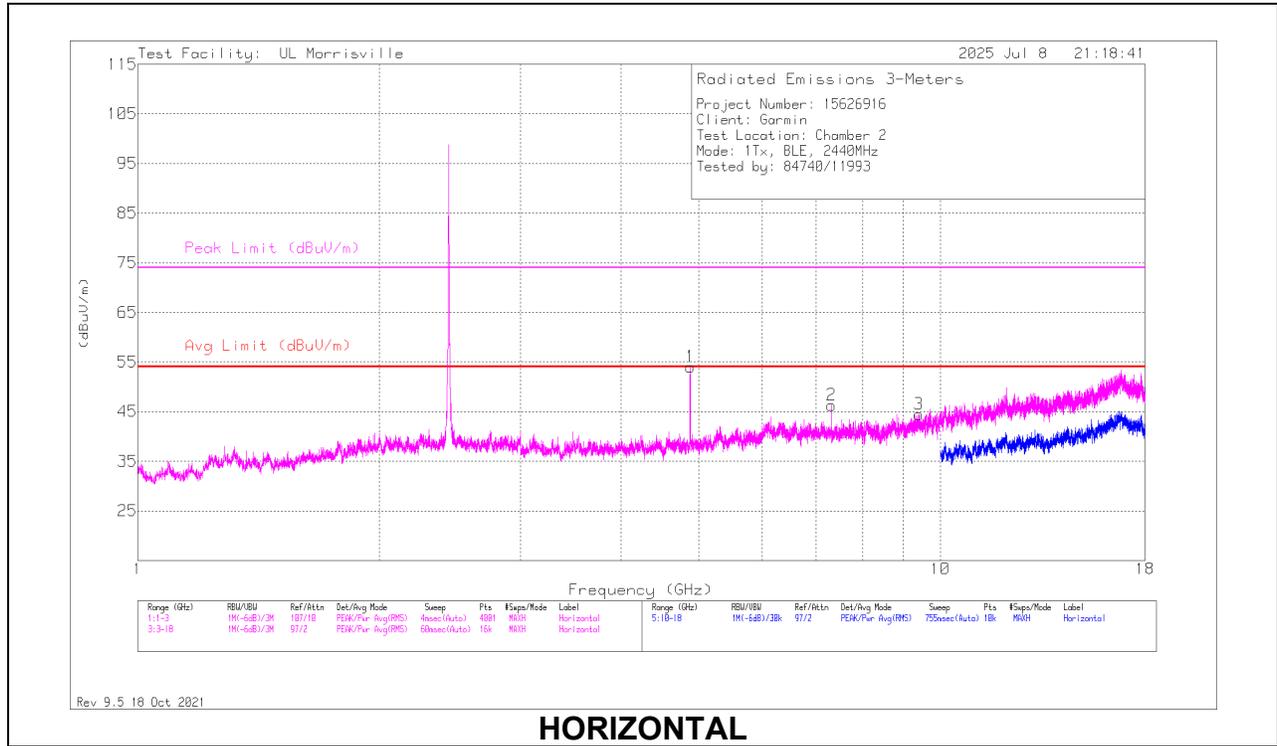
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	*** 4.80693	67.17	PK2	34	-45.5	55.67	-	-	74	-18.33	299	115	H
	*** 4.807	61.74	ADV	34	-45.5	50.24	54	-3.76	-	-	299	115	H
3	*** 8.09063	49.71	Pk	35.7	-41.9	43.51	54	-10.49	74	-30.49	0-360	200	H
4	*** 9.37594	48.44	Pk	36.6	-40.6	44.44	54	-9.56	74	-29.56	0-360	200	H
5	*** 4.80698	63.22	PK2	34	-45.5	51.72	-	-	74	-22.28	316	109	V
	*** 4.80704	57.11	ADV	34	-45.5	45.61	54	-8.39	-	-	316	109	V
7	*** 8.11031	49.71	Pk	35.8	-41.2	44.31	54	-9.69	74	-29.69	0-360	199	V
8	*** 9.42656	48.73	Pk	36.6	-41.4	43.93	54	-10.07	74	-30.07	0-360	199	V
2	7.21031	52.51	Pk	35.5	-42.7	45.31	54	-8.69	74	-28.69	0-360	200	H
6	7.21313	56.11	Pk	35.5	-42.7	48.91	54	-5.09	74	-25.09	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 RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	*** 4.87913	66.51	PK2	34	-44.4	56.11	-	-	74	-17.89	303	142	H
	*** 4.87901	60.99	ADV	34	-44.4	50.59	54	-3.41	-	-	303	142	H
2	*** 7.31813	53.78	Pk	35.6	-43.1	46.28	54	-7.72	74	-27.72	0-360	199	H
3	*** 9.40219	48.62	Pk	36.6	-40.8	44.42	54	-9.58	74	-29.58	0-360	199	H
4	*** 4.87897	62.7	PK2	34	-44.4	52.3	-	-	74	-21.7	338	127	V
	*** 4.87907	55.79	ADV	34	-44.4	45.39	54	-8.61	-	-	338	127	V
5	*** 7.31813	54.5	Pk	35.6	-43.1	47	54	-7	74	-27	0-360	199	V
6	*** 9.37594	48.16	Pk	36.6	-40.6	44.16	54	-9.84	74	-29.84	0-360	101	V

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

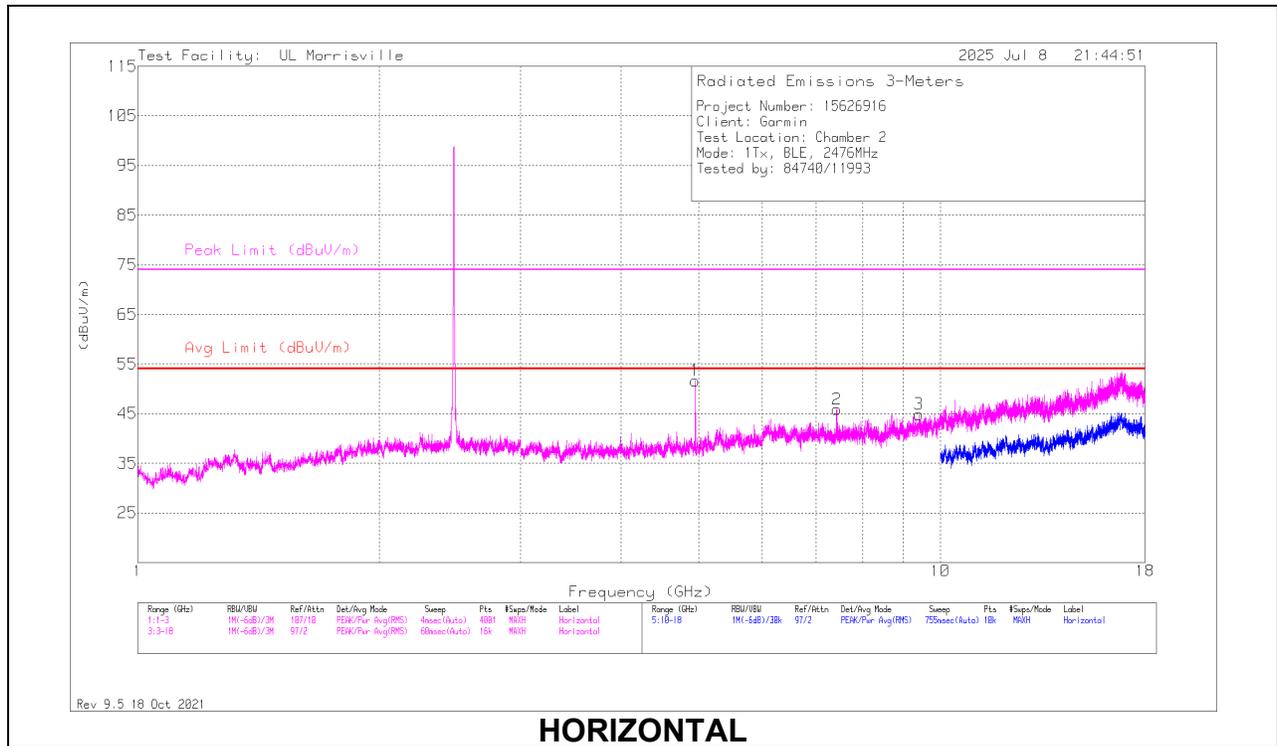
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

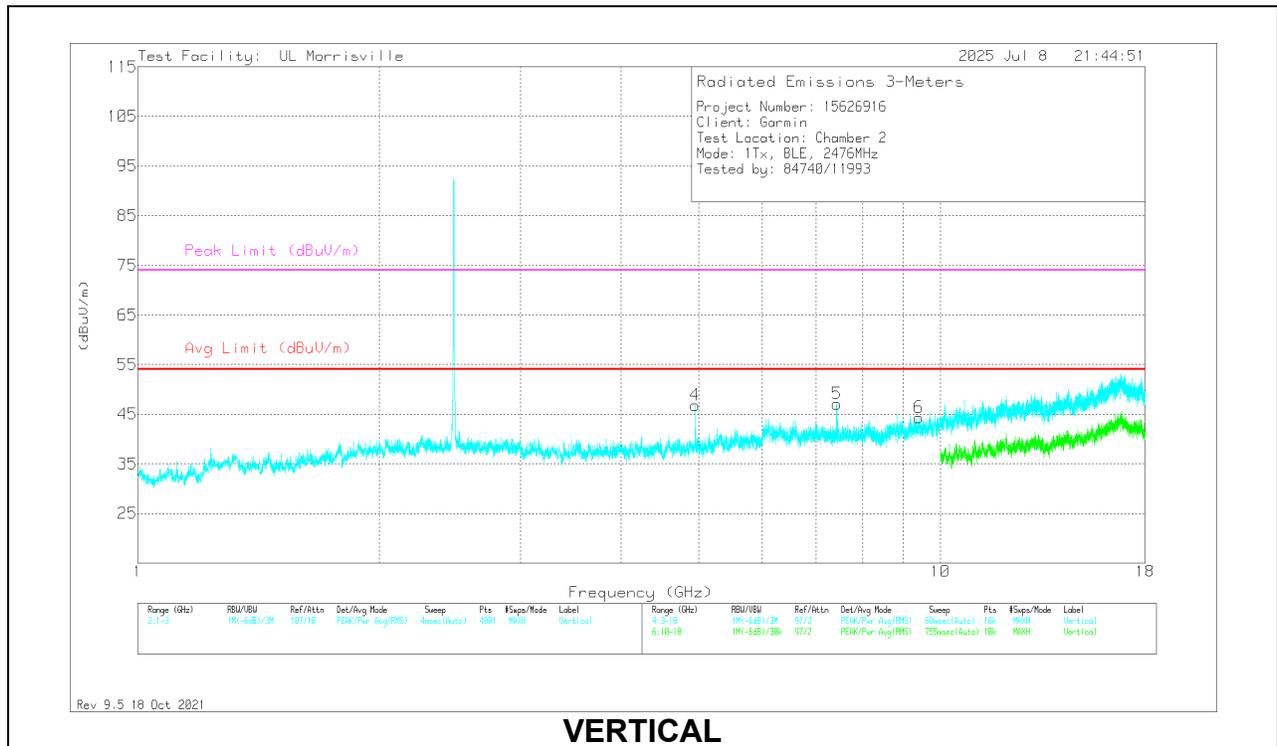
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (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	*** 4.95093	65.07	PK2	33.9	-45.5	53.47	-	-	74	-20.53	295	172	H
	*** 4.95107	58.91	ADV	33.9	-45.5	47.31	54	-6.69	-	-	295	172	H
2	*** 7.42969	51.93	Pk	35.6	-41.7	45.83	54	-8.17	74	-28.17	0-360	101	H
3	*** 9.40406	48.87	Pk	36.6	-40.6	44.87	54	-9.13	74	-29.13	0-360	101	H
4	*** 4.95281	58.39	Pk	33.9	-45.5	46.79	54	-7.21	74	-27.21	0-360	101	V
5	*** 7.42969	53.19	Pk	35.6	-41.7	47.09	54	-6.91	74	-26.91	0-360	200	V
6	*** 9.40875	48.2	Pk	36.6	-40.5	44.3	54	-9.7	74	-29.7	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

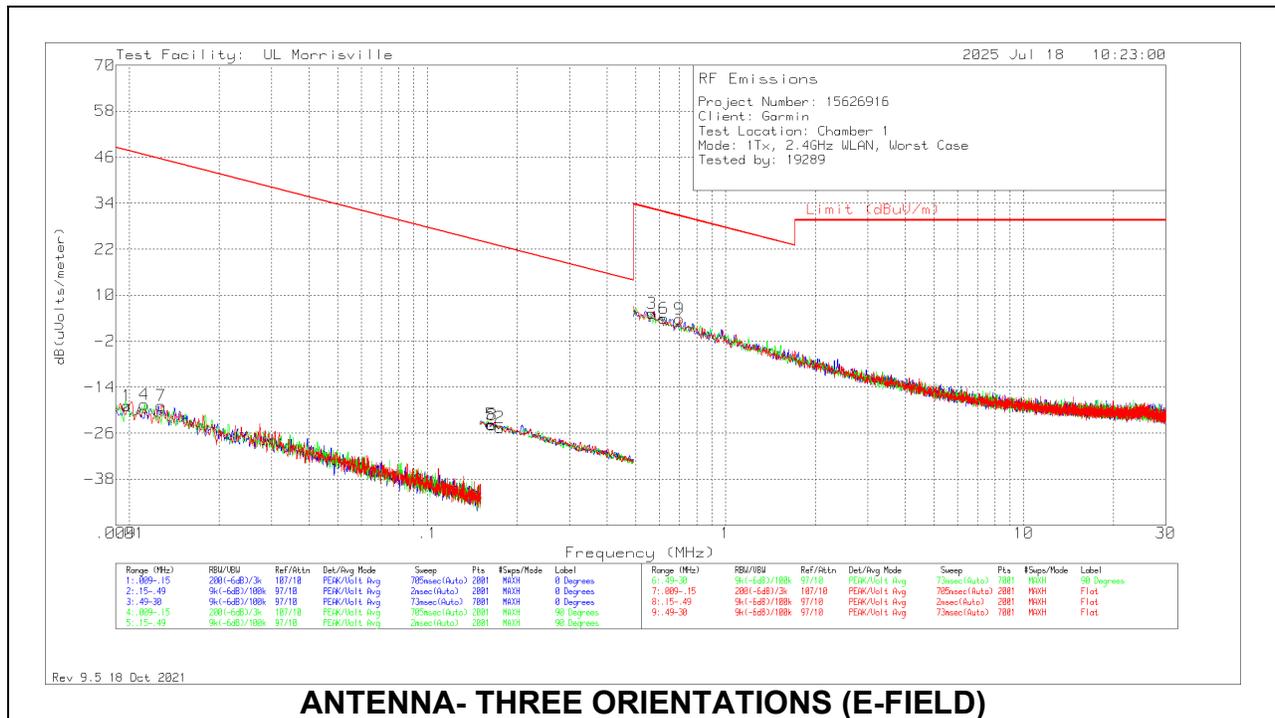
ADV - Linear Voltage Average

10.2. WORST CASE BELOW 30MHZ

Note: All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz – 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40*Log (test distance / specification distance).

10.2.1. 2.4 WLAN

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)

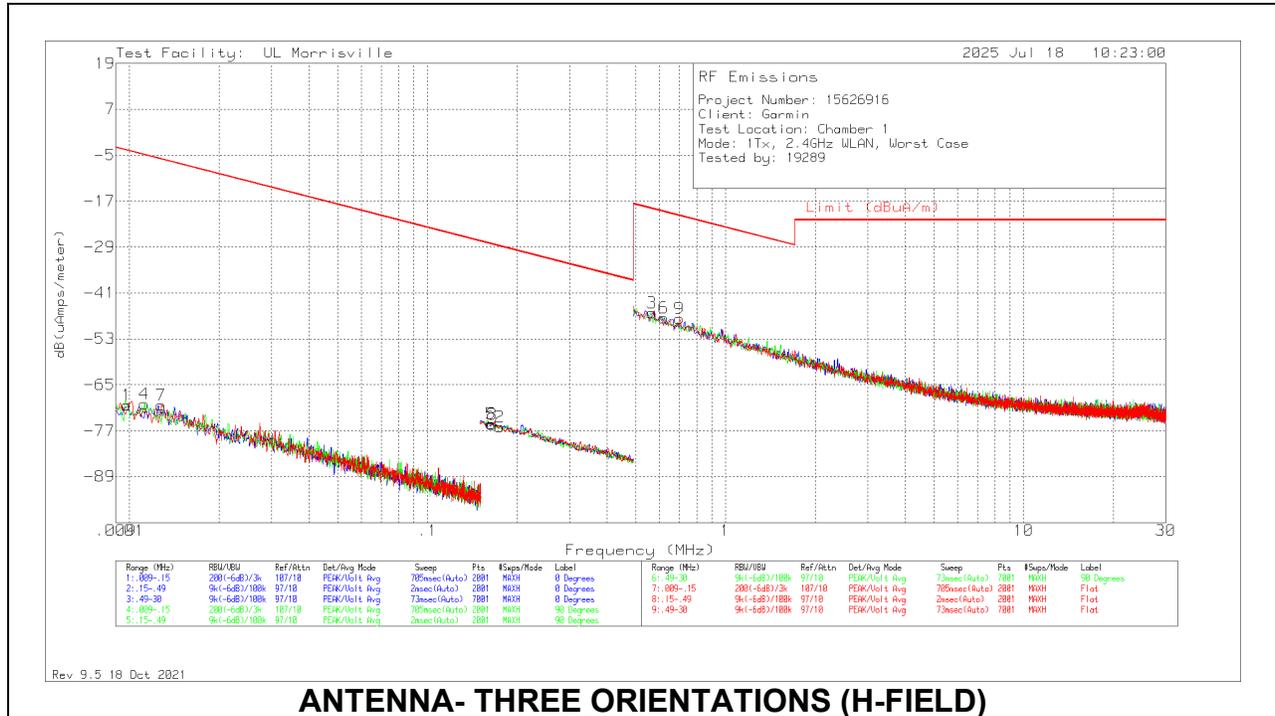


Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00978	41.97	Pk	19.1	.1	-80	-18.83	47.8	67.8	-66.63	0-360	0 degs
4	.0112	43.17	Pk	18.3	.1	-80	-18.43	46.62	66.62	-65.05	0-360	90 degs
7	.01276	43.45	Pk	17.6	.1	-80	-18.85	45.49	65.49	-64.34	0-360	Flat
5	.16318	45.24	Pk	11	.1	-80	-23.66	23.35	43.35	-47.01	0-360	90 degs
8	.16462	45.05	Pk	11	.1	-80	-23.85	23.27	43.27	-47.12	0-360	Flat
2	.17499	44.39	Pk	11	.1	-80	-24.51	22.74	42.74	-47.25	0-360	0 degs
3	.56589	34.14	Pk	11	.1	-40	5.24	32.55	-	-27.31	0-360	0 degs
6	.6207	32.84	Pk	11	.1	-40	3.94	31.75	-	-27.81	0-360	90 degs
9	.7008	32.66	Pk	11	.1	-40	3.76	30.69	-	-26.93	0-360	Flat

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- THREE ORIENTATIONS (H-FIELD)

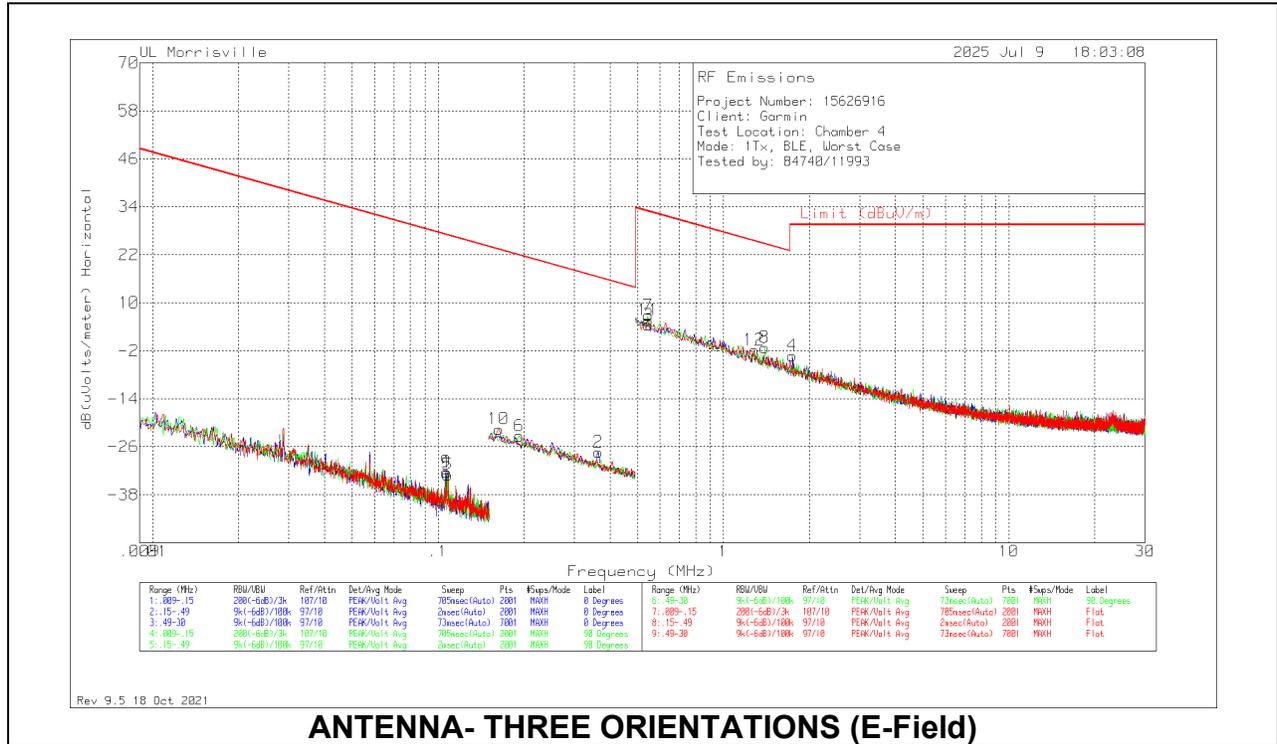
Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00978	41.97	Pk	-32.4	.1	-80	-70.33	-3.7	16.3	-66.63	0-360	0 degs
4	.0112	43.17	Pk	-33.2	.1	-80	-69.93	-4.88	15.12	-65.05	0-360	90 degs
7	.01276	43.45	Pk	-33.9	.1	-80	-70.35	-6.01	13.99	-64.34	0-360	Flat
5	.16318	45.24	Pk	-40.5	.1	-80	-75.16	-28.15	-8.15	-47.01	0-360	90 degs
8	.16462	45.05	Pk	-40.5	.1	-80	-75.35	-28.23	-8.23	-47.12	0-360	Flat
2	.17499	44.39	Pk	-40.5	.1	-80	-76.01	-28.76	-8.76	-47.25	0-360	0 degs
3	.56589	34.14	Pk	-40.5	.1	-40	-46.26	-18.95	-	-27.31	0-360	0 degs
6	.6207	32.84	Pk	-40.5	.1	-40	-47.56	-19.75	-	-27.81	0-360	90 degs
9	.7008	32.66	Pk	-40.5	.1	-40	-47.74	-20.81	-	-26.93	0-360	Flat

Pk - Peak detector

10.2.2. BLE

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



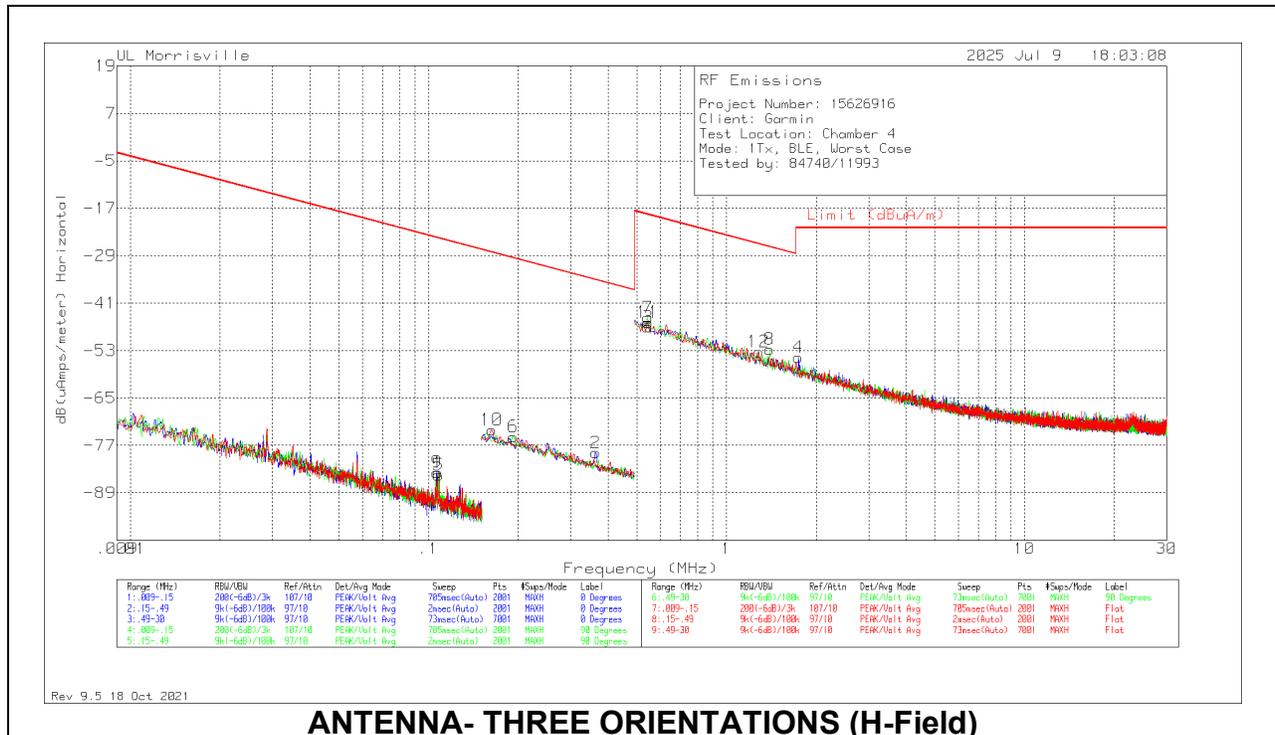
ANTENNA- THREE ORIENTATIONS (E-Field)

Below 30MHz Data

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	.10663	36.58	Pk	11.1	0	-80	-32.32	27.05	-	-59.37	0-360	Flat
1	.10762	36.51	Pk	11.1	0	-80	-32.39	26.97	-	-59.36	0-360	0 degs
5	.10797	35.92	Pk	11.1	0	-80	-32.98	26.94	-	-59.92	0-360	90 degs
10	.16301	47.41	Pk	11	0	-80	-21.59	23.36	43.36	-44.95	0-360	Flat
6	.19267	45.68	Pk	11	0	-80	-23.32	21.91	41.91	-45.23	0-360	90 degs
2	.36361	41.65	Pk	10.9	.1	-80	-27.35	16.39	36.39	-43.74	0-360	0 degs
3	.54481	33.35	Pk	11	.1	-40	4.45	32.88	-	-28.43	0-360	0 degs
7	.54481	35.71	Pk	11	.1	-40	6.81	32.88	-	-26.07	0-360	90 degs
11	.54481	34.53	Pk	11	.1	-40	5.63	32.88	-	-27.25	0-360	Flat
12	1.28261	27.08	Pk	11	.1	-40	-1.82	25.44	-	-27.26	0-360	Flat
8	1.39644	27.7	Pk	11	.1	-40	-1.2	24.7	-	-25.9	0-360	90 degs
4	1.74215	25.58	Pk	11.1	.1	-40	-3.22	29.54	-	-32.76	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



ANTENNA- THREE ORIENTATIONS (H-Field)

Below 30MHz Data

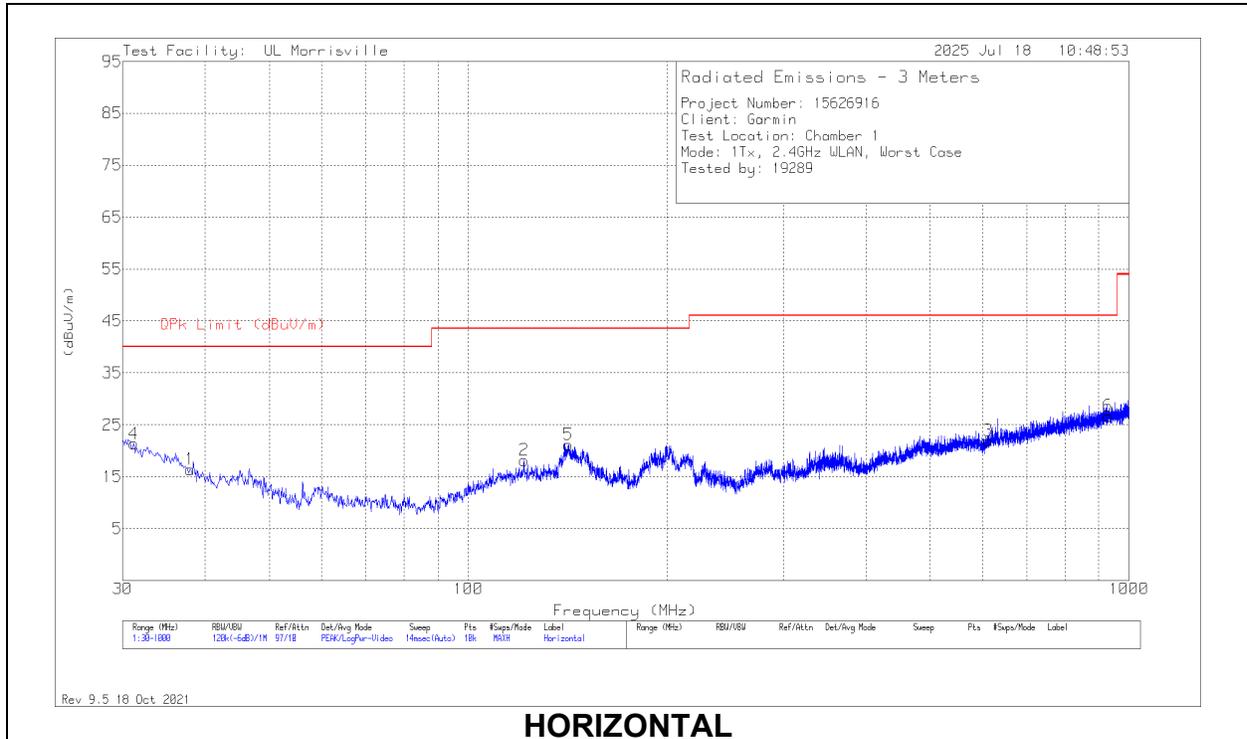
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ANT (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
9	.10663	36.58	Pk	-40.4	0	-80	-83.82	-24.45	-	-59.37	0-360	Flat
1	.10762	36.51	Pk	-40.4	0	-80	-83.89	-24.53	-	-59.36	0-360	0 degs
5	.10797	35.92	Pk	-40.4	0	-80	-84.48	-24.56	-	-59.92	0-360	90 degs
10	.16301	47.41	Pk	-40.5	0	-80	-73.09	-28.14	-8.14	-44.95	0-360	Flat
6	.19267	45.68	Pk	-40.5	0	-80	-74.82	-29.59	-9.59	-45.23	0-360	90 degs
2	.36361	41.65	Pk	-40.6	.1	-80	-78.85	-35.11	-15.11	-43.74	0-360	0 degs
3	.54481	33.35	Pk	-40.5	.1	-40	-47.05	-18.62	-	-28.43	0-360	0 degs
7	.54481	35.71	Pk	-40.5	.1	-40	-44.69	-18.62	-	-26.07	0-360	90 degs
11	.54481	34.53	Pk	-40.5	.1	-40	-45.87	-18.62	-	-27.25	0-360	Flat
12	1.28261	27.08	Pk	-40.5	.1	-40	-53.32	-26.06	-	-27.26	0-360	Flat
8	1.39644	27.7	Pk	-40.5	.1	-40	-52.7	-26.8	-	-25.9	0-360	90 degs
4	1.74215	25.58	Pk	-40.4	.1	-40	-54.72	-21.96	-	-32.76	0-360	0 degs

Pk - Peak detector

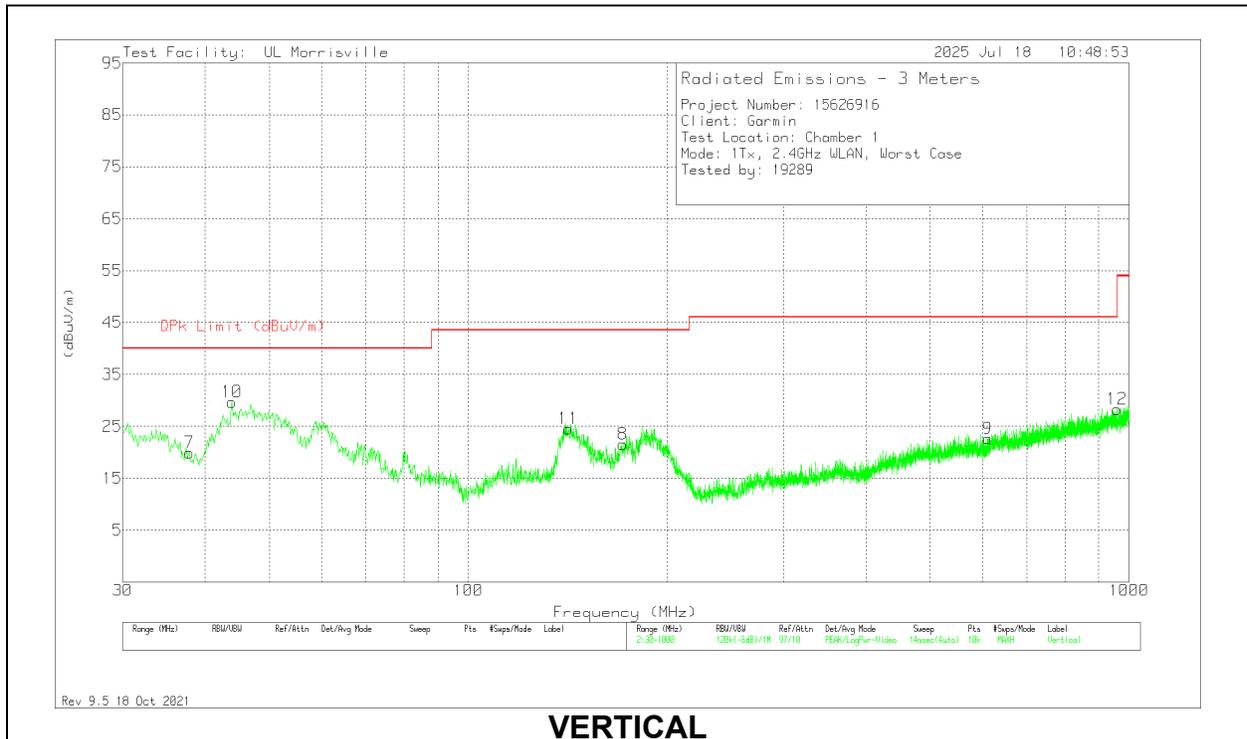
10.3. WORST CASE BELOW 1 GHZ

10.3.1. 2.4 WLAN

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



HORIZONTAL



VERTICAL

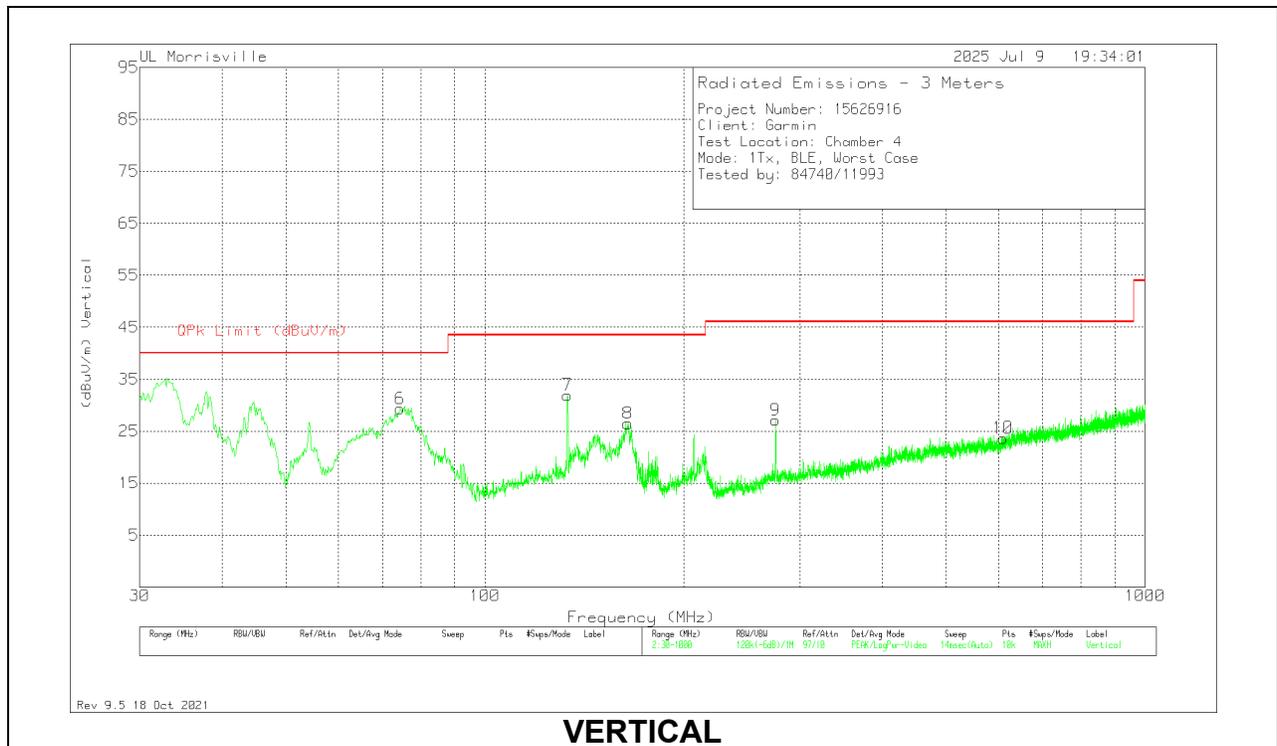
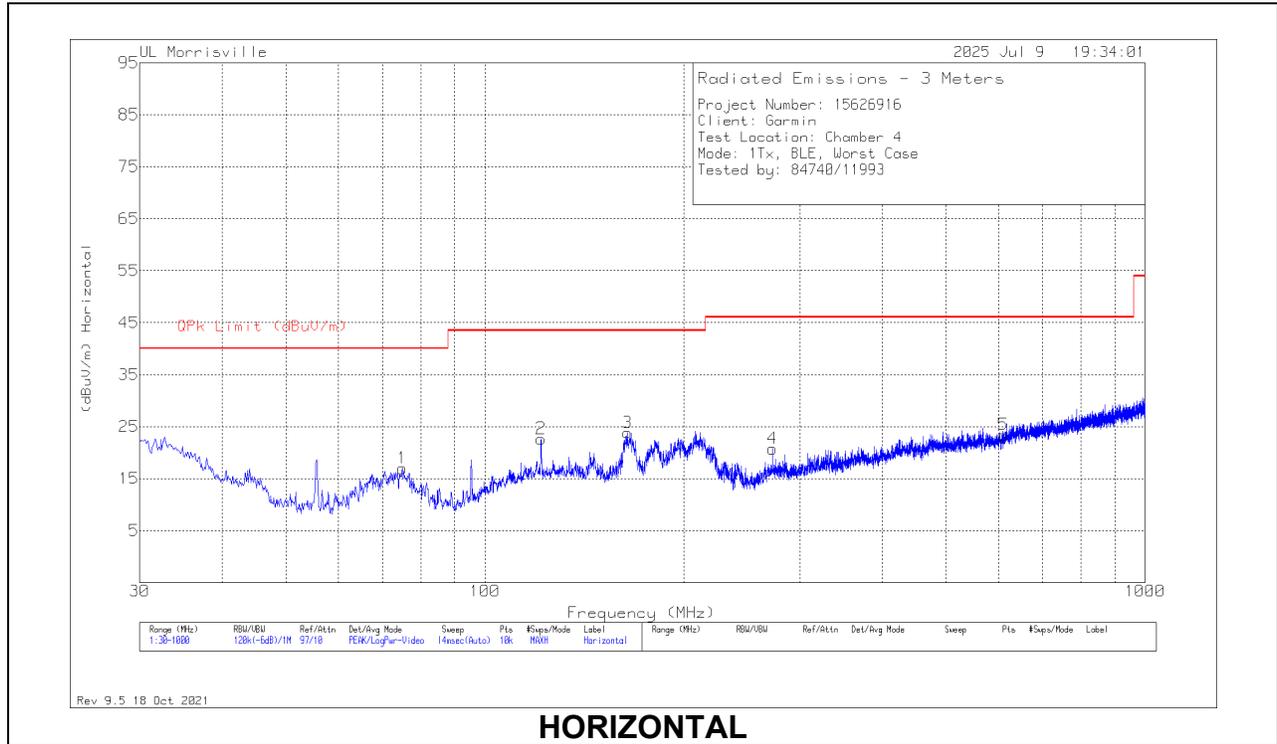
Below 1GHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 37.954	27.02	Pk	21.2	-31.8	16.42	40	-23.58	0-360	99	H
2	*** 121.471	28.51	Pk	20	-30.4	18.11	43.52	-25.41	0-360	99	H
3	*** 612.291	25.45	Pk	25.1	-28.6	21.95	46.02	-24.07	0-360	299	H
7	*** 37.857	30.46	Pk	21.3	-31.9	19.86	40	-20.14	0-360	100	V
8	*** 171.426	33.97	Pk	18	-30.4	21.57	43.52	-21.95	0-360	100	V
9	*** 611.03	26.1	Pk	25	-28.5	22.6	46.02	-23.42	0-360	100	V
12	** 959.357	25.64	Pk	28.9	-26.2	28.34	46.02	-17.68	0-360	100	V
4	31.164	27.04	Pk	26	-31.7	21.34	-	-	0-360	199	H
10	43.871	43.99	Pk	17	-31.3	29.69	-	-	0-360	100	V
11	141.647	35.9	Pk	19.3	-30.7	24.5	-	-	0-360	100	V
5	141.841	32.57	Pk	19.3	-30.7	21.17	-	-	0-360	199	H
6	929.384	24.13	Pk	28.8	-26.3	26.63	-	-	0-360	299	H

Pk - Peak detector

10.3.2. BLE

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



Below 1GHz Data

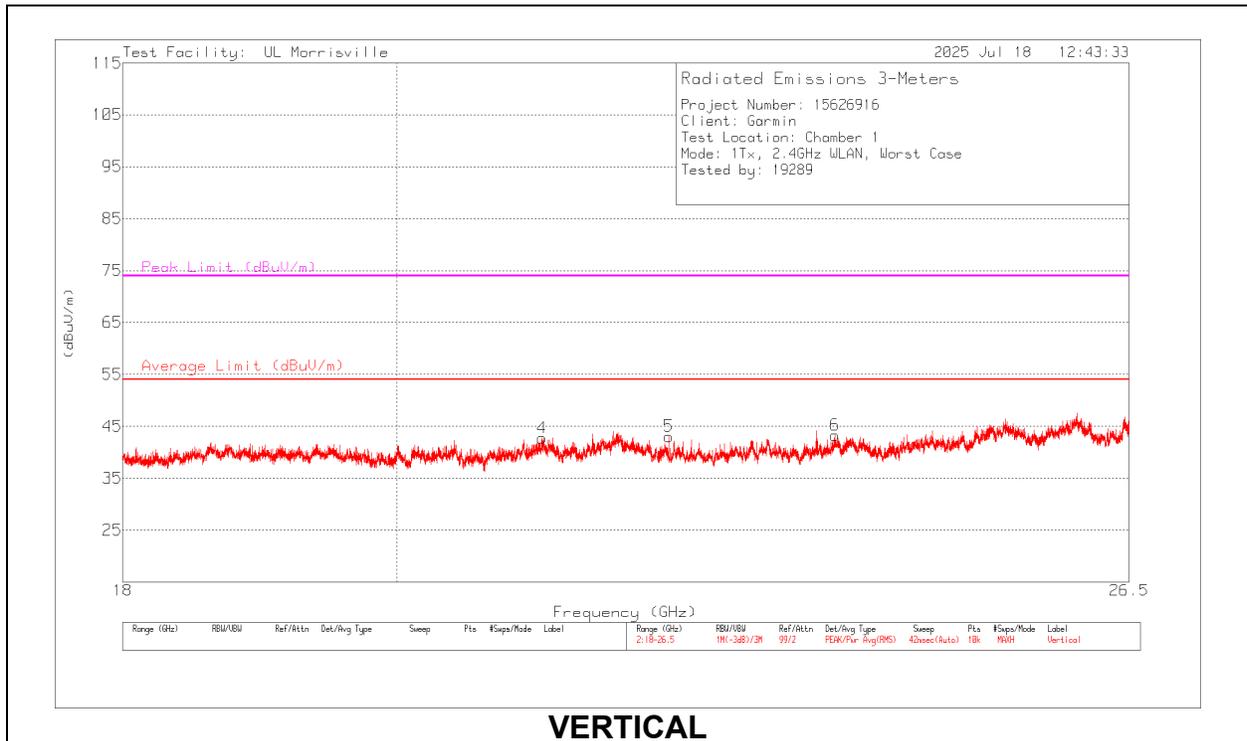
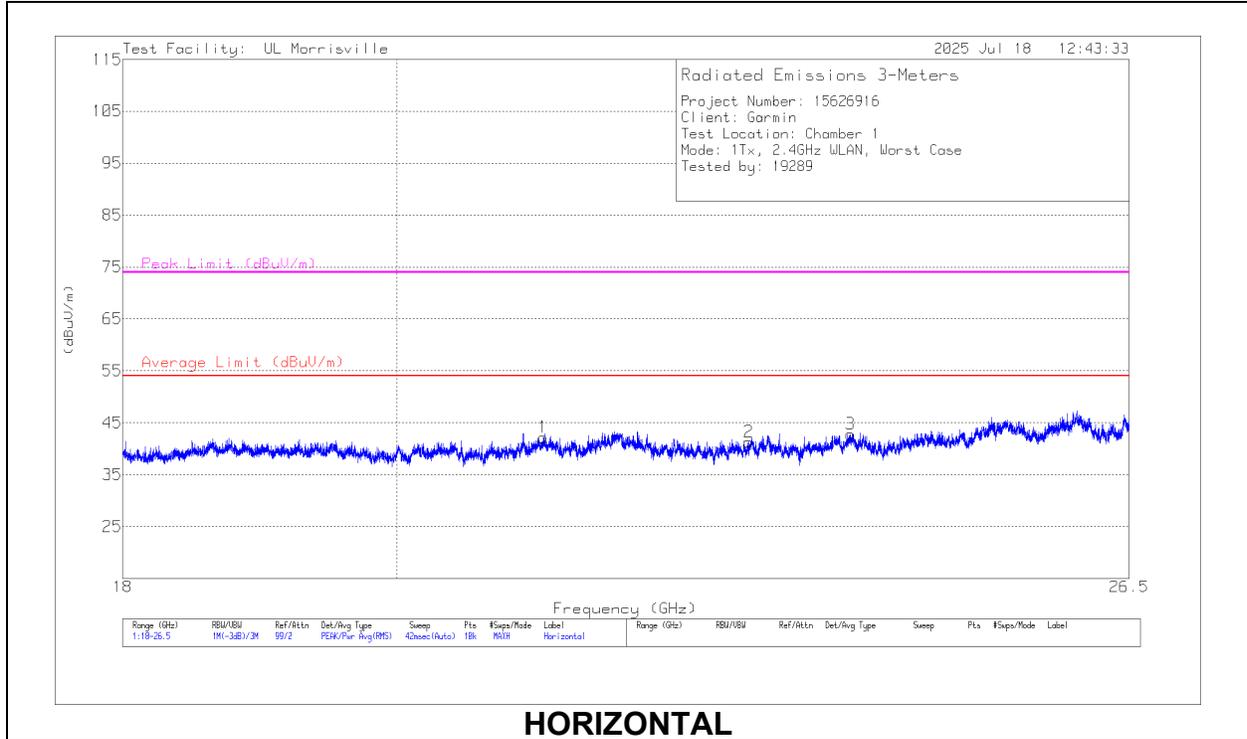
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90628 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 75.008	34.19	Pk	14.2	-31.4	16.99	40	-23.01	0-360	100	H
2	*** 121.665	33.17	Pk	20.1	-30.6	22.67	43.52	-20.85	0-360	200	H
3	*** 164.442	35.74	Pk	18.3	-30.2	23.84	43.52	-19.68	0-360	100	H
4	*** 272.791	30.66	Pk	19.4	-29.3	20.76	46.02	-25.26	0-360	300	H
5	*** 610.06	26.82	Pk	25	-28.4	23.42	46.02	-22.6	0-360	200	H
6	*** 74.426	46.02	Pk	14.2	-30.9	29.32	40	-10.68	0-360	100	V
7	*** 133.402	42.93	Pk	19.8	-30.8	31.93	43.52	-11.59	0-360	100	V
8	*** 164.733	38.69	Pk	18.3	-30.5	26.49	43.52	-17.03	0-360	100	V
9	*** 275.604	37.23	Pk	19.4	-29.5	27.13	46.02	-18.89	0-360	100	V
10	*** 609.575	26.94	Pk	25	-28.3	23.64	46.02	-22.38	0-360	200	V

Pk - Peak detector

10.4. WORST CASE 18-26 GHZ

10.4.1. 2.4 WLAN

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



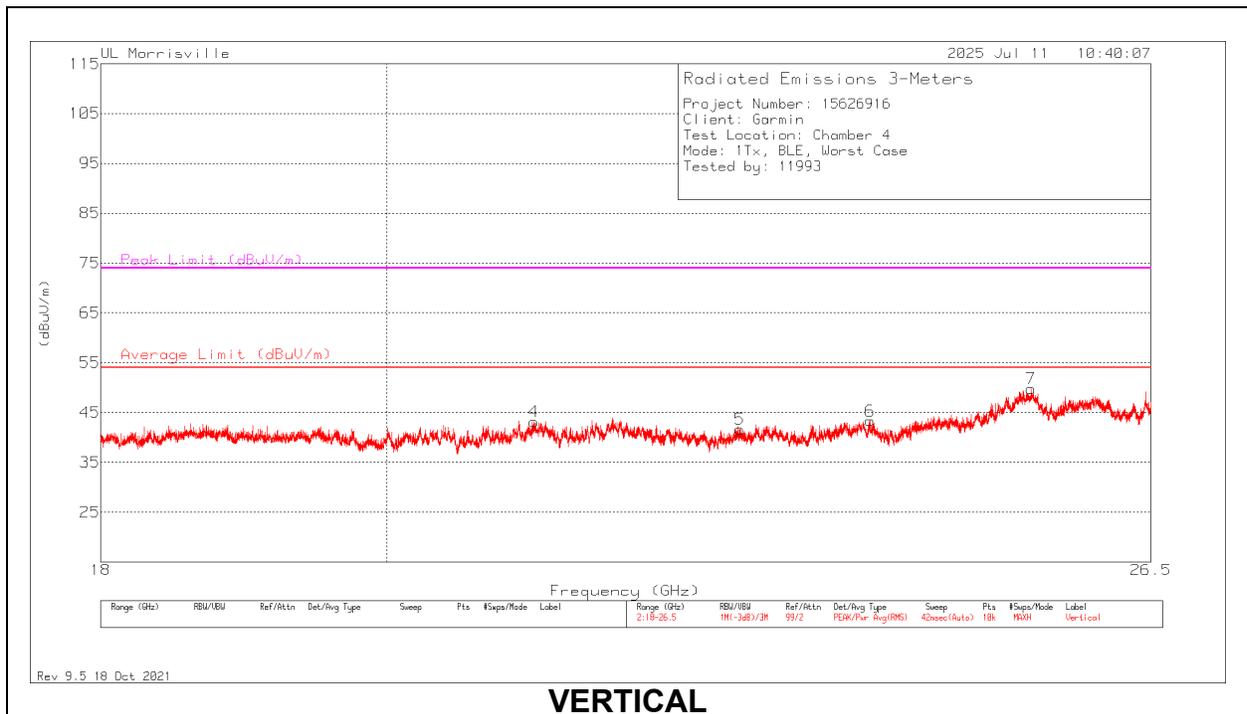
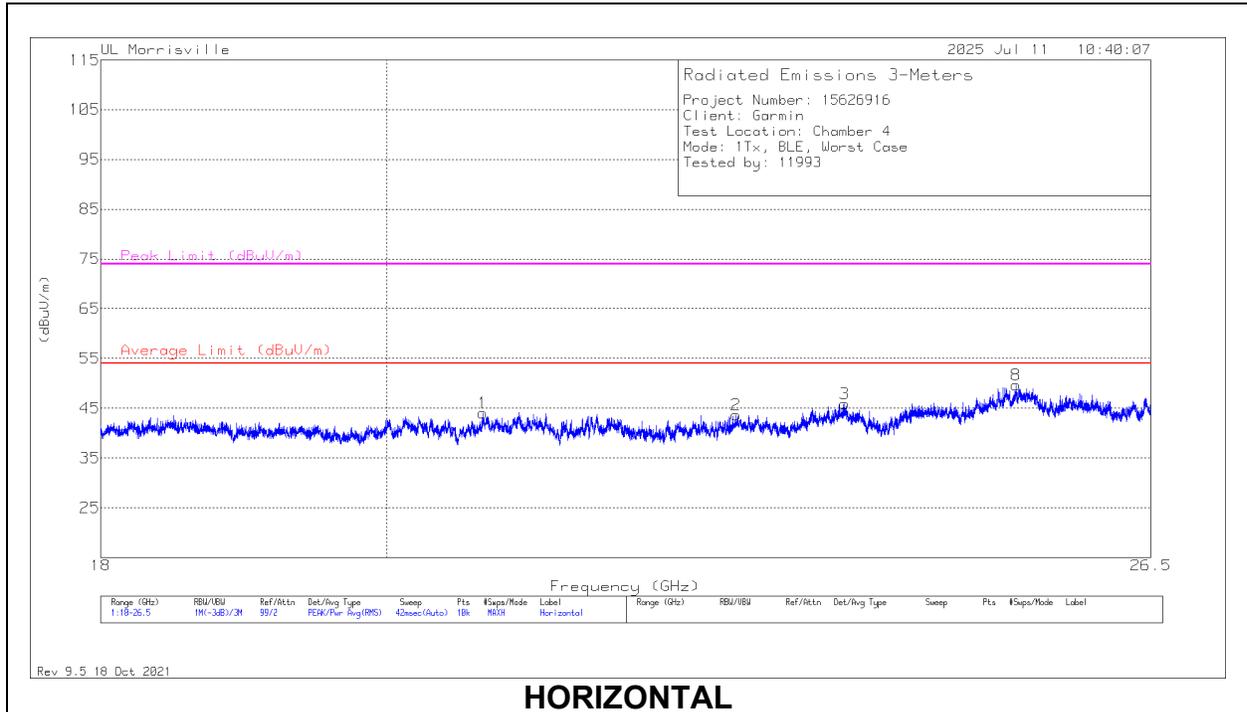
18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Horn (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 21.15913	48.43	Pk	32.8	-39.1	42.13	54	-11.87	74	-31.87	0-360	249	H
2	*** 22.89976	48.06	Pk	33.5	-40.3	41.26	54	-12.74	74	-32.74	0-360	299	H
3	*** 23.80917	48.16	Pk	34	-39.4	42.76	54	-11.24	74	-31.24	0-360	249	H
4	*** 21.14894	49.52	Pk	32.8	-39.6	42.72	54	-11.28	74	-31.28	0-360	300	V
5	*** 22.20368	49.62	Pk	33.4	-40	43.02	54	-10.98	74	-30.98	0-360	150	V
6	*** 23.66723	48.37	Pk	33.8	-38.9	43.27	54	-10.73	74	-30.73	0-360	300	V

Pk - Peak detector

10.4.2. BLE

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



18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.72058	49.93	Pk	32.7	-38.6	0	44.03	54	-9.97	74	-29.97	0-360	150	H
2	* ** 22.74423	49.15	Pk	33.4	-38.9	0	43.65	54	-10.35	74	-30.35	0-360	100	H
3	* ** 23.67488	49.72	Pk	33.9	-37.7	0	45.92	54	-8.08	74	-28.08	0-360	100	H
4	* ** 21.11494	49.41	Pk	32.8	-39.1	0	43.11	54	-10.89	74	-30.89	0-360	300	V
5	* ** 22.77907	46.96	Pk	33.4	-38.7	0	41.66	54	-12.34	74	-32.34	0-360	300	V
6	* ** 23.89586	46.94	Pk	33.7	-37.3	0	43.34	54	-10.66	74	-30.66	0-360	300	V
8	25.21578	48.9	Pk	34.3	-33.5	0	49.7	-	-	-	-	0-360	250	H
7	25.35601	47.8	Pk	34.1	-32.1	0	49.8	-	-	-	-	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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.

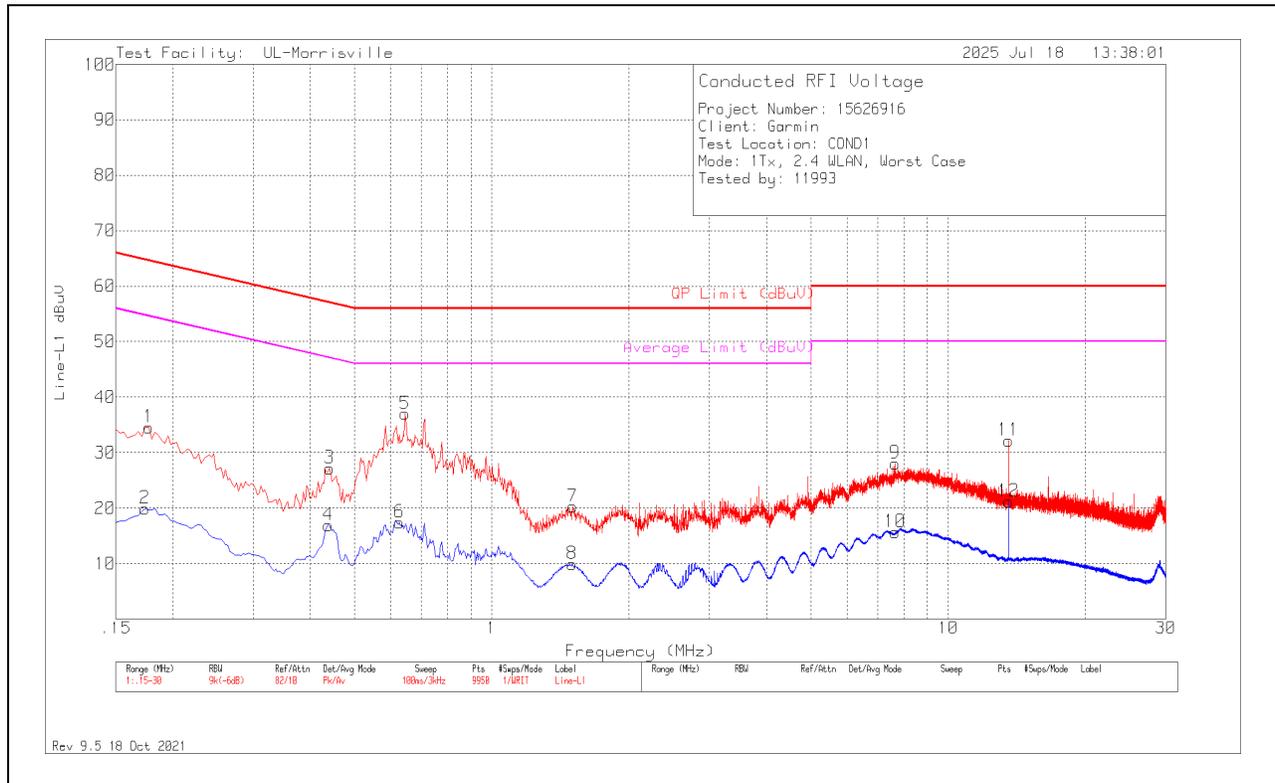
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both lines.

RESULTS

11.1. AC Power (2.4 WLAN)

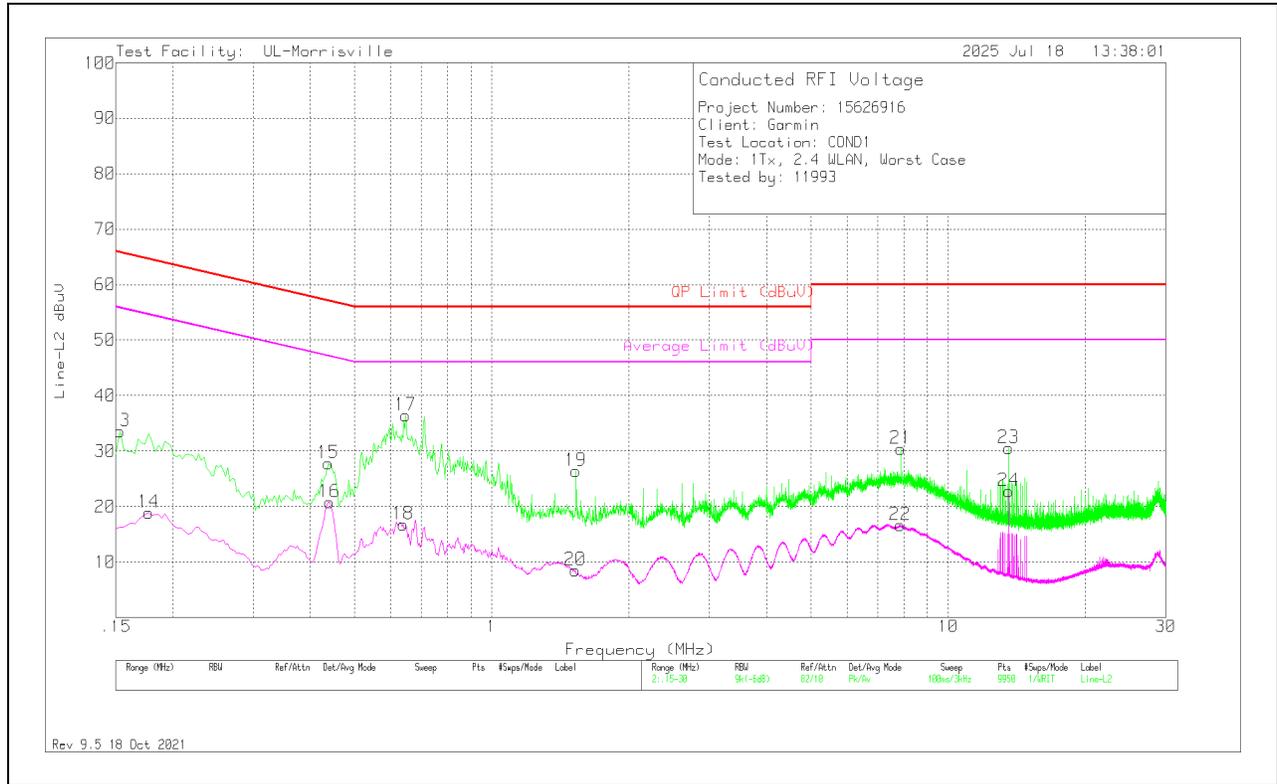
LINE 1 RESULTS



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)
2	.174	10.04	Av	.2	9.7	19.94	-	-	54.77	-34.83
1	.177	24.69	Pk	.2	9.7	34.59	64.63	-30.04	-	-
4	.438	7.12	Av	.1	9.7	16.92	-	-	47.1	-30.18
3	.441	17.4	Pk	.1	9.7	27.2	57.04	-29.84	-	-
6	.627	7.69	Av	0	9.7	17.39	-	-	46	-28.61
5	.645	27.28	Pk	0	9.7	36.98	56	-19.02	-	-
8	1.5	.17	Av	0	9.7	9.87	-	-	46	-36.13
7	1.503	10.51	Pk	0	9.7	20.21	56	-35.79	-	-
10	7.659	5.84	Av	.1	9.7	15.64	-	-	50	-34.36
9	7.665	18.2	Pk	.1	9.7	28	60	-32	-	-
11	13.563	22.23	Pk	.1	9.8	32.13	60	-27.87	-	-
12	13.563	11.21	Av	.1	9.8	21.11	-	-	50	-28.89

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

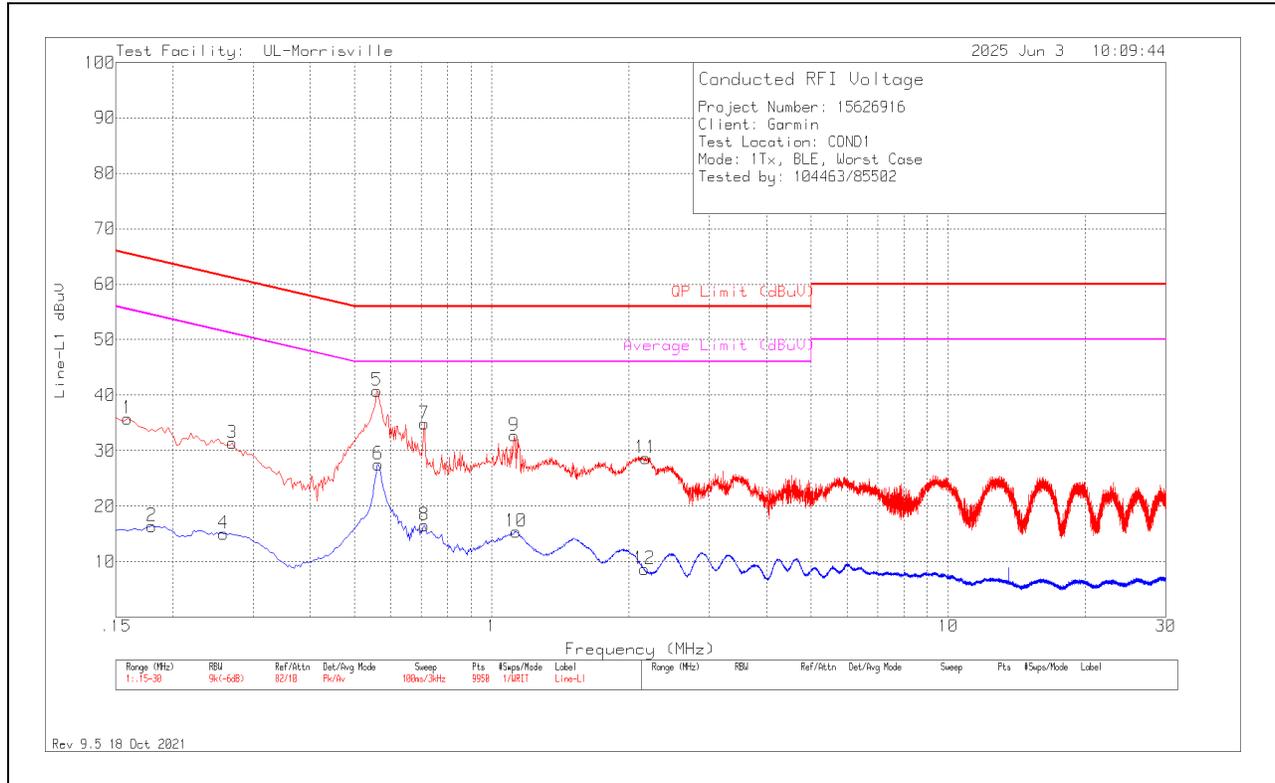


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	23.61	Pk	.2	9.7	33.51	65.84	-32.33	-	-
14	.177	9.02	Av	.2	9.7	18.92	-	-	54.63	-35.71
15	.438	18	Pk	.1	9.7	27.8	57.1	-29.3	-	-
16	.441	11.02	Av	.1	9.7	20.82	-	-	47.04	-26.22
18	.639	7.06	Av	0	9.7	16.76	-	-	46	-29.24
17	.648	26.67	Pk	0	9.7	36.37	56	-19.63	-	-
20	1.524	-1.22	Av	0	9.7	8.48	-	-	46	-37.52
19	1.53	16.75	Pk	0	9.7	26.45	56	-29.55	-	-
22	7.86	6.87	Av	.1	9.7	16.67	-	-	50	-33.33
21	7.884	20.59	Pk	.1	9.7	30.39	60	-29.61	-	-
23	13.563	20.61	Pk	.1	9.8	30.51	60	-29.49	-	-
24	13.563	12.91	Av	.1	9.8	22.81	-	-	50	-27.19

Pk - Peak detector
 Av - Average detection

11.2. AC Power Line (BLE)

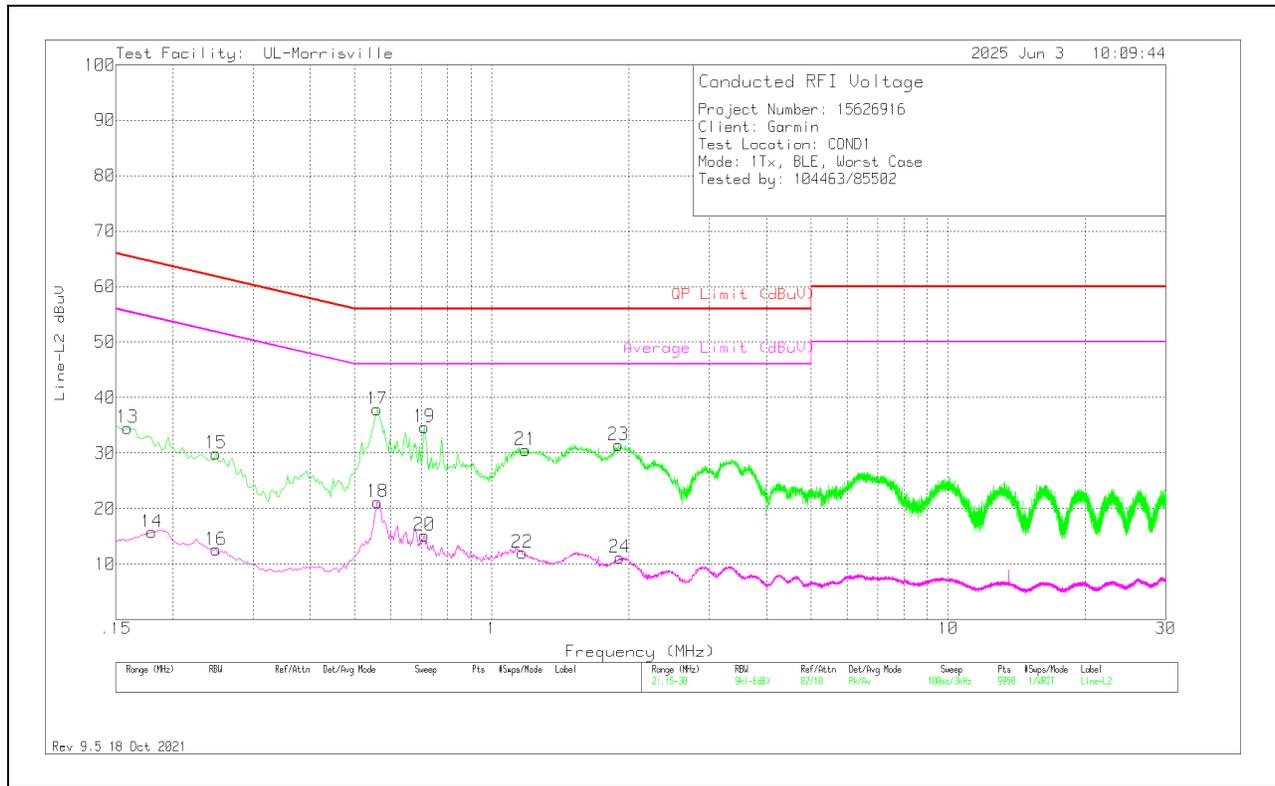
LINE 1 RESULTS



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	.159	25.9	Pk	.2	9.7	35.8	65.52	-29.72	-	-
2	.18	6.49	Av	.2	9.7	16.39	-	-	54.49	-38.1
4	.258	5.26	Av	.1	9.7	15.06	-	-	51.5	-36.44
3	.27	21.55	Pk	.1	9.7	31.35	61.12	-29.77	-	-
5	.561	31.1	Pk	0	9.7	40.8	56	-15.2	-	-
6	.564	17.85	Av	0	9.7	27.55	-	-	46	-18.45
7	.711	25.15	Pk	0	9.7	34.85	56	-21.15	-	-
8	.711	6.82	Av	0	9.7	16.52	-	-	46	-29.48
9	1.119	23.02	Pk	0	9.7	32.72	56	-23.28	-	-
10	1.131	5.71	Av	0	9.7	15.41	-	-	46	-30.59
12	2.16	-1.07	Av	0	9.7	8.63	-	-	46	-37.37
11	2.172	19.01	Pk	0	9.7	28.71	56	-27.29	-	-

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	24.69	Pk	.2	9.7	34.59	65.52	-30.93	-	-
14	.18	5.81	Av	.2	9.7	15.71	-	-	54.49	-38.78
15	.249	20.1	Pk	.1	9.7	29.9	61.79	-31.89	-	-
16	.249	2.77	Av	.1	9.7	12.57	-	-	51.79	-39.22
17	.561	28.16	Pk	0	9.7	37.86	56	-18.14	-	-
18	.5625	11.47	Av	0	9.7	21.17	-	-	46	-24.83
19	.711	24.96	Pk	0	9.7	34.66	56	-21.34	-	-
20	.711	5.43	Av	0	9.7	15.13	-	-	46	-30.87
22	1.167	2.32	Av	0	9.7	12.02	-	-	46	-33.98
21	1.185	20.87	Pk	0	9.7	30.57	56	-25.43	-	-
23	1.896	21.69	Pk	0	9.7	31.39	56	-24.61	-	-
24	1.908	1.47	Av	0	9.7	11.17	-	-	46	-34.83

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R15626916-EP1 for setup photos

END OF TEST REPORT