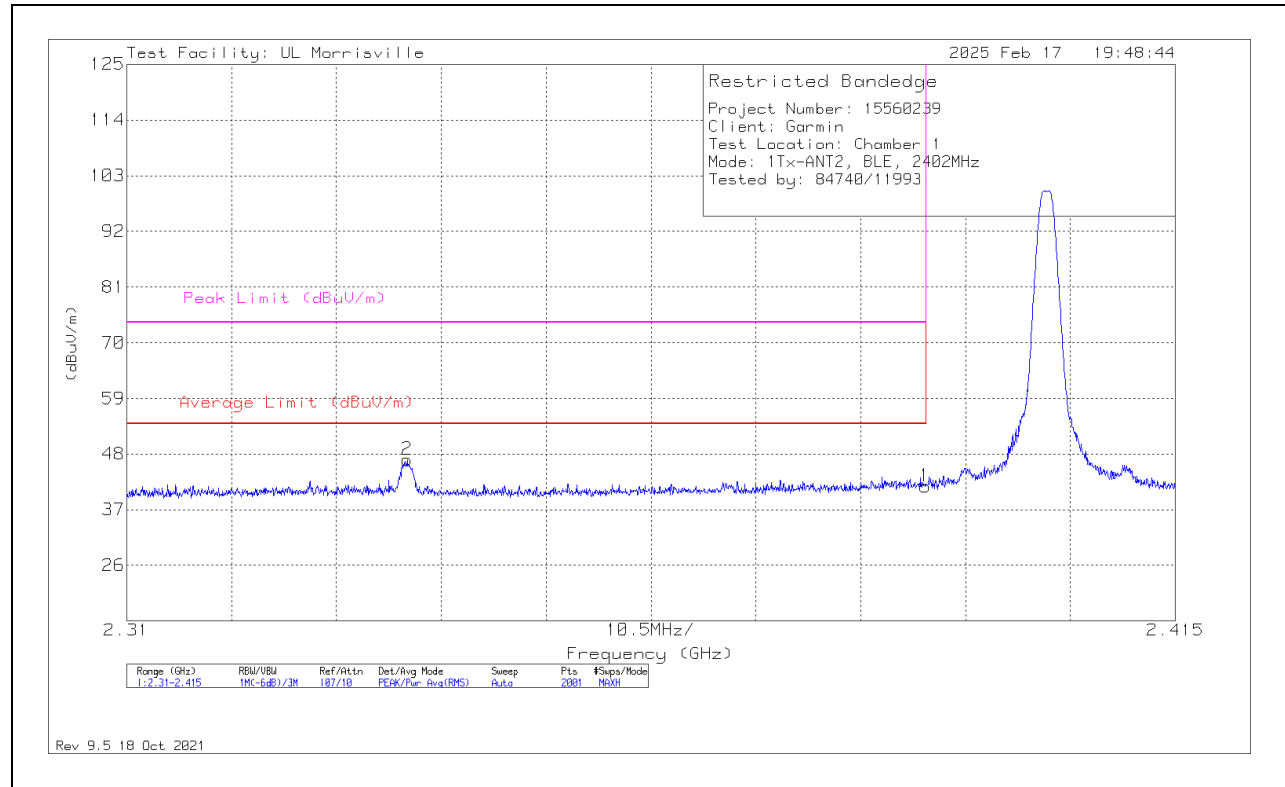


Antenna 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



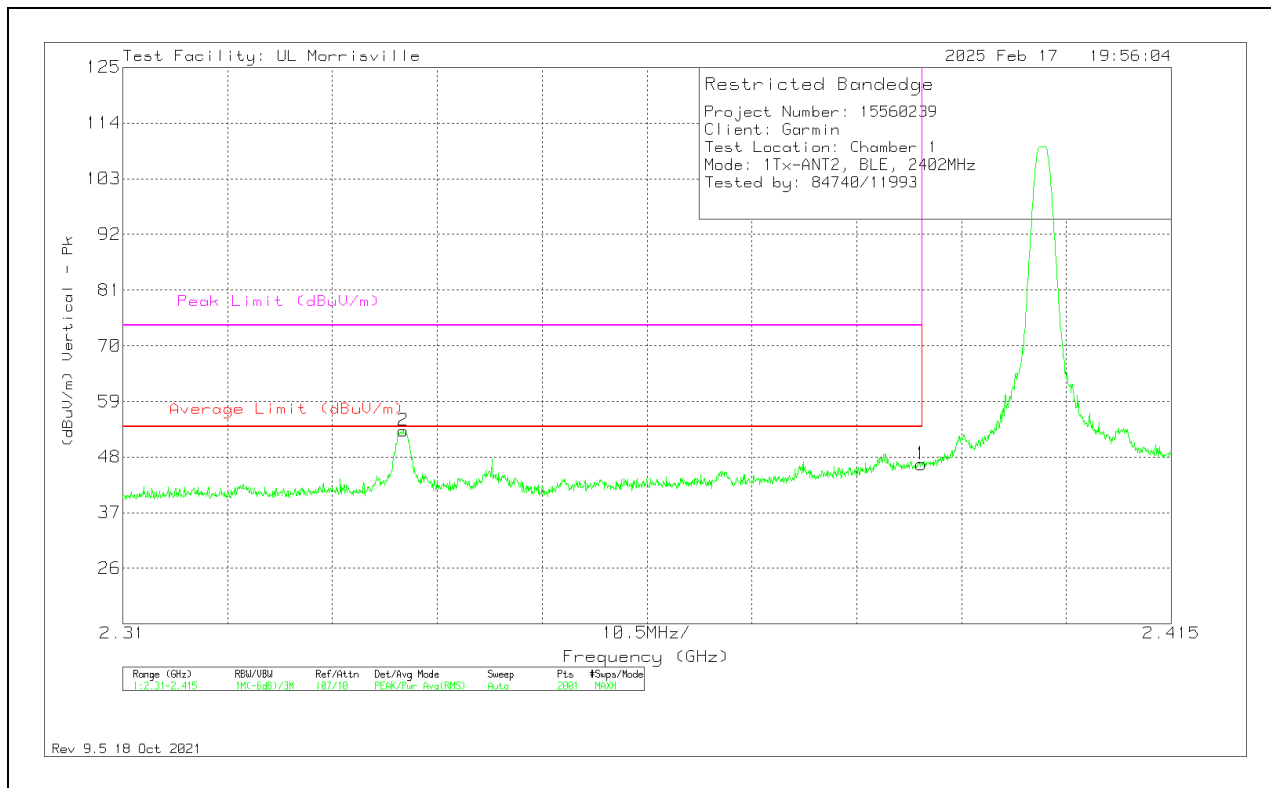
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	33.74	Pk	31.9	-24	0	41.64	-	-	74	-32.36	6	107	H
	* 2.38996	33.74	Pk	31.9	-24	-6.56	35.08	54	-18.92	-	-	6	107	H
2	* 2.33809	39.51	Pk	31.8	-24.4	0	46.91	-	-	74	-27.09	6	107	H
	* 2.33809	39.51	Pk	31.8	-24.4	-6.56	40.35	54	-13.65	-	-	6	107	H

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

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	38.68	Pk	31.9	-24	0	46.58	-	-	74	-27.42	29	127	V
	* 2.38996	38.68	Pk	31.9	-24	-6.56	40.02	54	-13.98	-	-	29	127	V
2	* 2.33809	45.77	Pk	31.8	-24.4	0	53.17	-	-	74	-20.83	29	127	V
	* 2.33809	45.77	Pk	31.8	-24.4	-6.56	46.61	54	-7.39	-	-	29	127	V

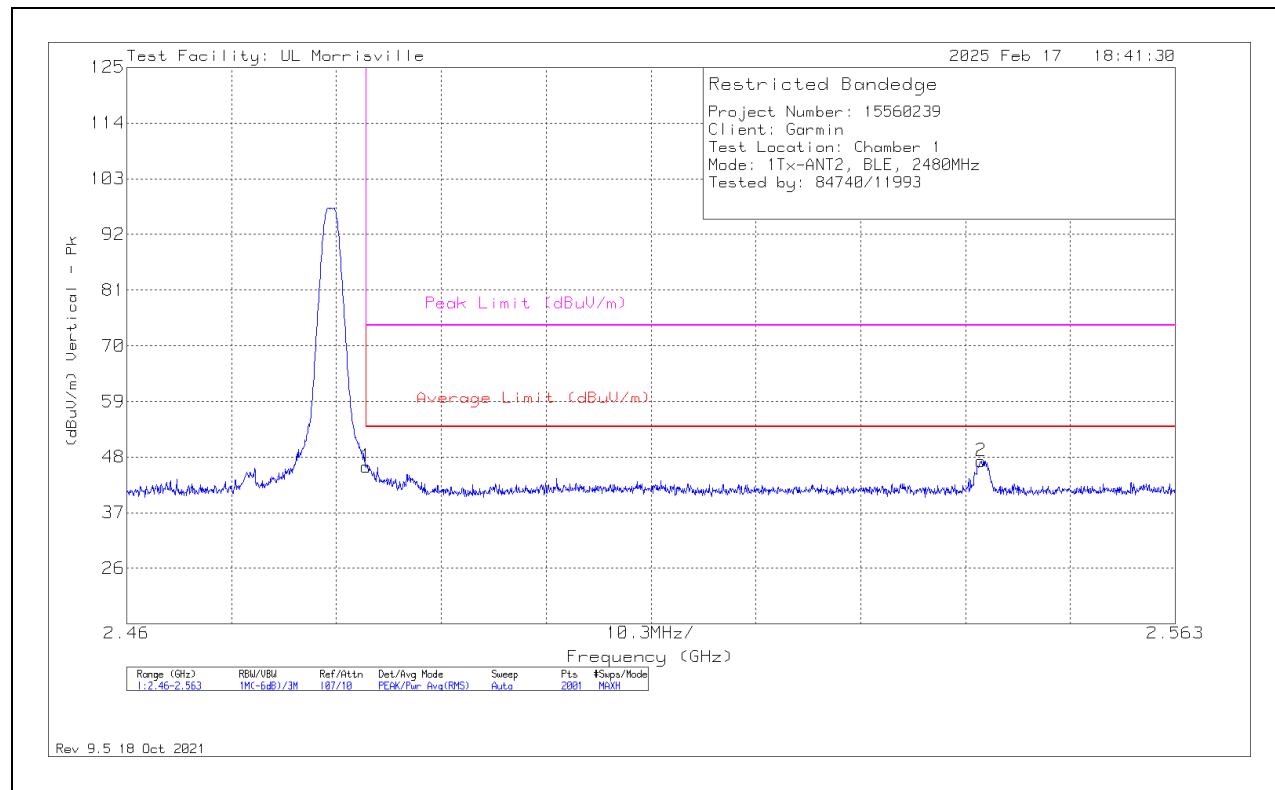
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



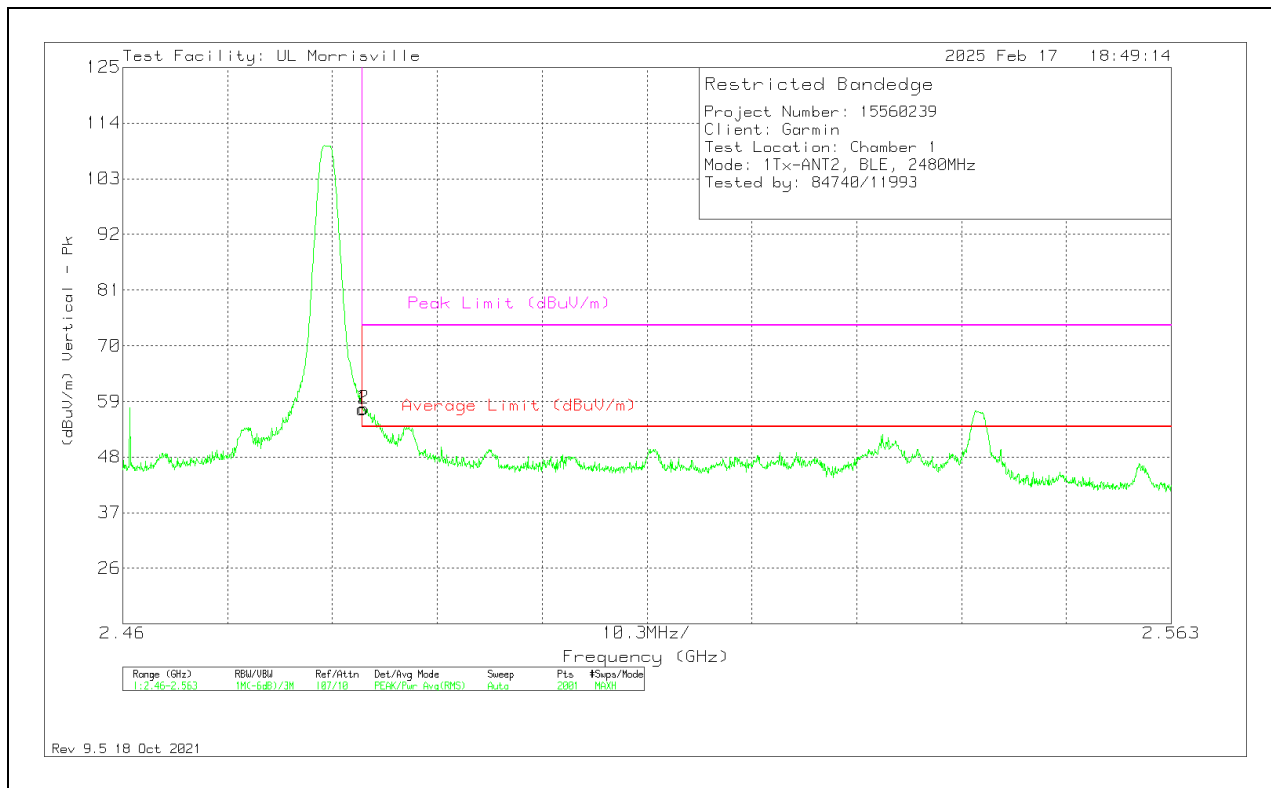
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	37.64	Pk	32.2	-23.7	0	46.14	-	-	74	-27.86	61	146	H
	* 2.48354	37.64	Pk	32.2	-23.7	-6.56	39.58	54	-14.42	-	-	61	146	H
2	2.54395	39.12	Pk	32.3	-24.2	0	47.22	-	-	74	-26.78	61	146	H
	2.54395	39.12	Pk	32.3	-24.2	-6.56	40.66	54	-13.34	-	-	61	146	H

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

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	48.99	Pk	32.2	-23.7	0	57.49	-	-	74	-16.51	34	108	V
	* 2.48354	48.99	Pk	32.2	-23.7	-6.56	50.93	54	-3.07	-	-	34	108	V
2	* 2.48369	49.15	Pk	32.2	-23.7	0	57.65	-	-	74	-16.35	34	108	V
	* 2.48369	49.15	Pk	32.2	-23.7	-6.56	51.09	54	-2.91	-	-	34	108	V

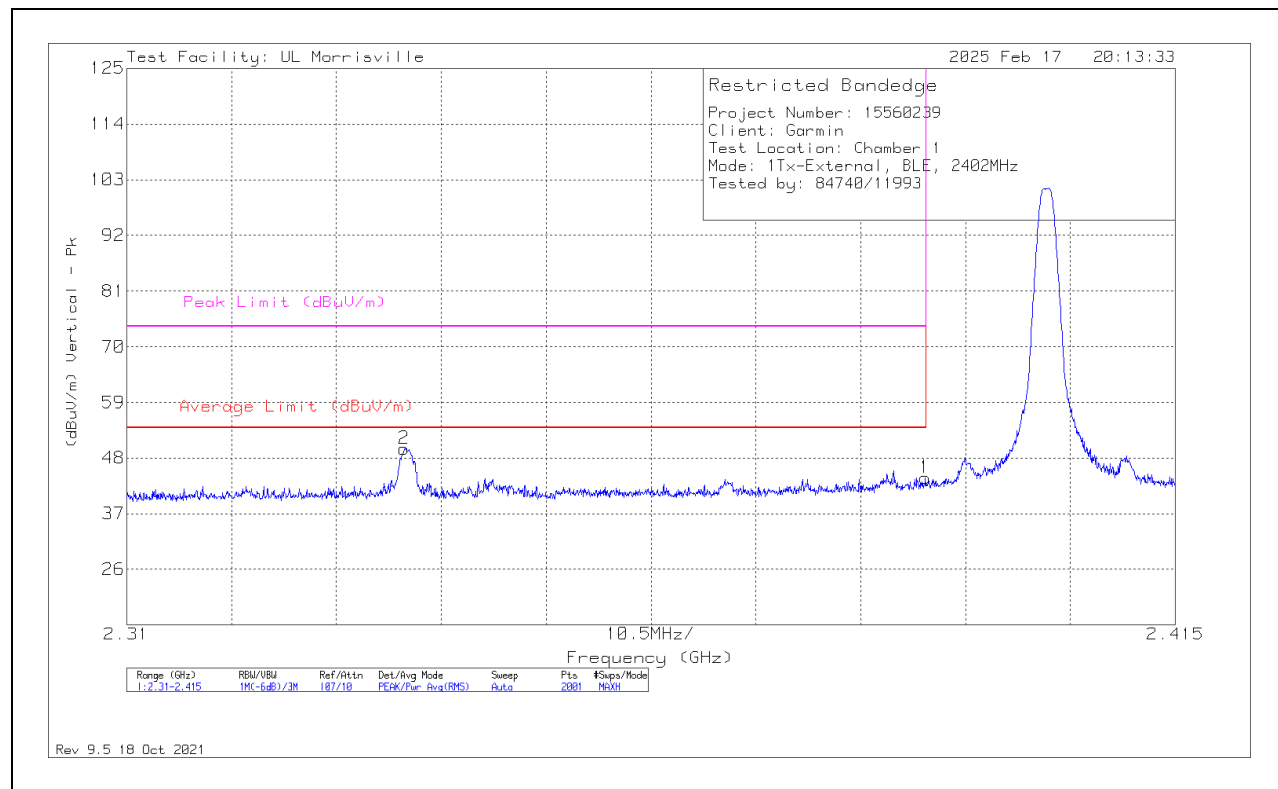
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

External Antenna

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

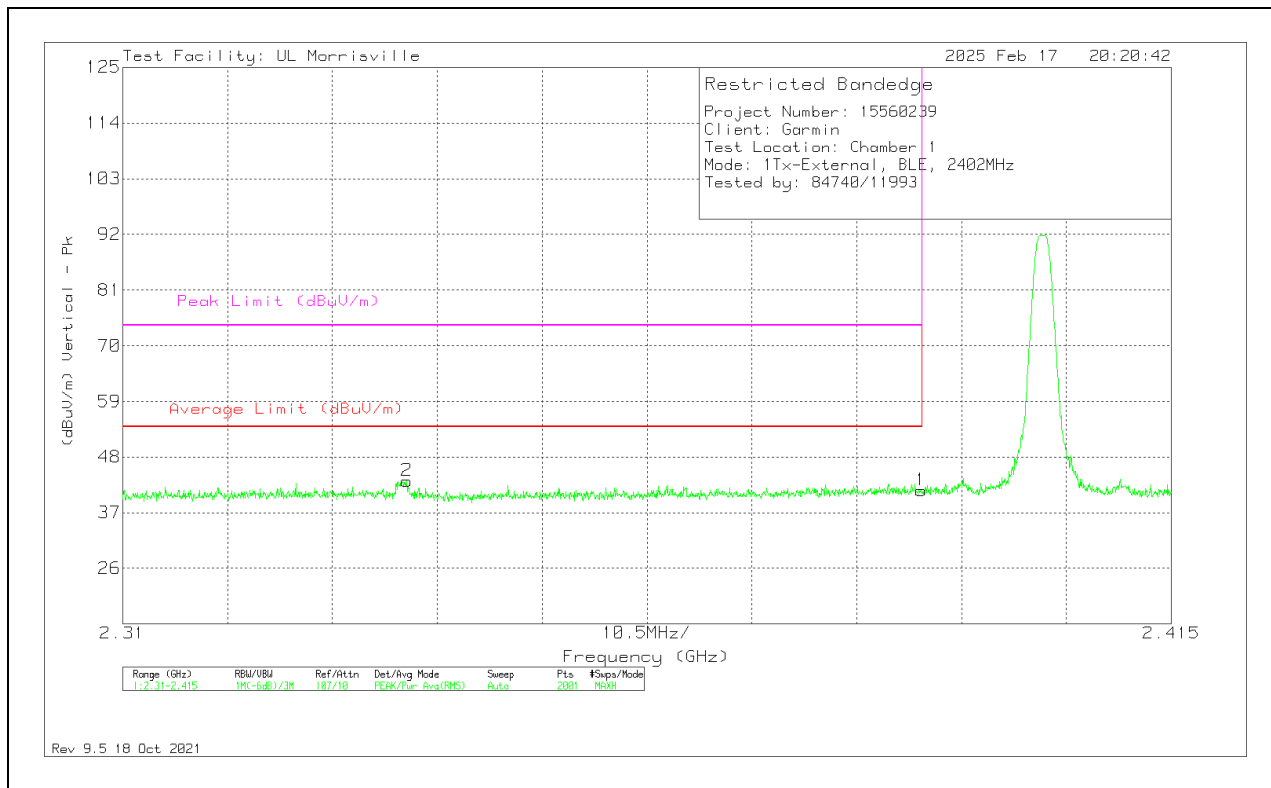


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	36.15	Pk	31.9	-24	0	44.05	-	-	74	-29.95	285	141	H
	* 2.38996	36.15	Pk	31.9	-24	-6.56	37.49	54	-16.51	-	-	285	141	H
2	* 2.33777	42.39	Pk	31.8	-24.4	0	49.79	-	-	74	-24.21	285	141	H
	* 2.33777	42.39	Pk	31.8	-24.4	-6.56	43.23	54	-10.77	-	-	285	141	H

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



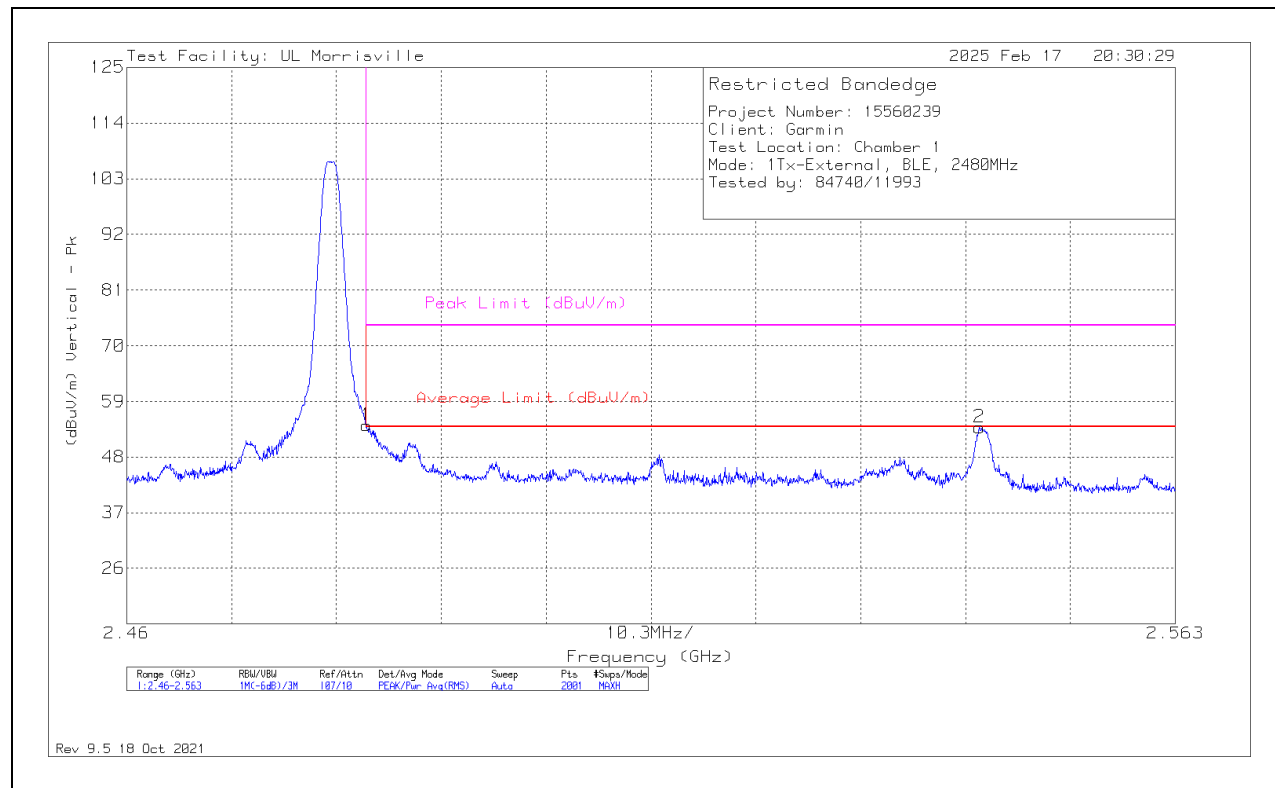
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	33.48	Pk	31.9	-24	0	41.38	-	-	74	-32.62	88	110	V
	* 2.38996	33.48	Pk	31.9	-24	-6.56	34.82	54	-19.18	-	-	88	110	V
2	* 2.33846	35.84	Pk	31.8	-24.4	0	43.24	-	-	74	-30.76	88	110	V
	* 2.33846	35.84	Pk	31.8	-24.4	-6.56	36.68	54	-17.32	-	-	88	110	V

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



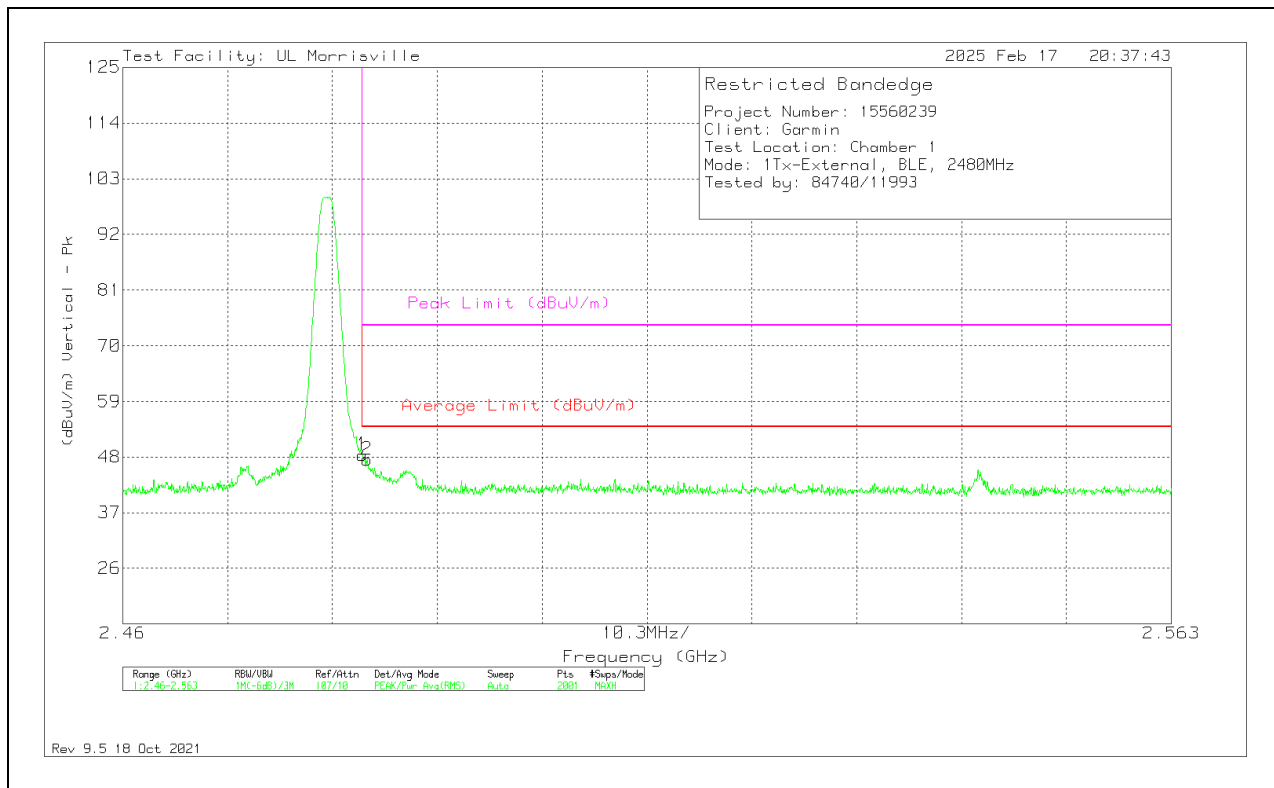
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	45.77	Pk	32.2	-23.7	0	54.27	-	-	74	-19.73	9	111	H
	* 2.48354	45.77	Pk	32.2	-23.7	-6.56	47.71	54	-6.29	-	-	9	111	H
2	2.54374	45.72	Pk	32.3	-24.2	0	53.82	-	-	74	-20.18	9	111	H
	2.54374	45.72	Pk	32.3	-24.2	-6.56	47.26	54	-6.74	-	-	9	111	H

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

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	39.88	Pk	32.2	-23.7	0	48.38	-	-	74	-25.62	156	330	V
	* 2.48354	39.88	Pk	32.2	-23.7	-6.56	41.82	54	-12.18	-	-	156	330	V
2	* 2.484	39.11	Pk	32.2	-23.8	0	47.51	-	-	74	-26.49	156	330	V
	* 2.484	39.11	Pk	32.2	-23.8	-6.56	40.95	54	-13.05	-	-	156	330	V

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

Pk - Peak detector

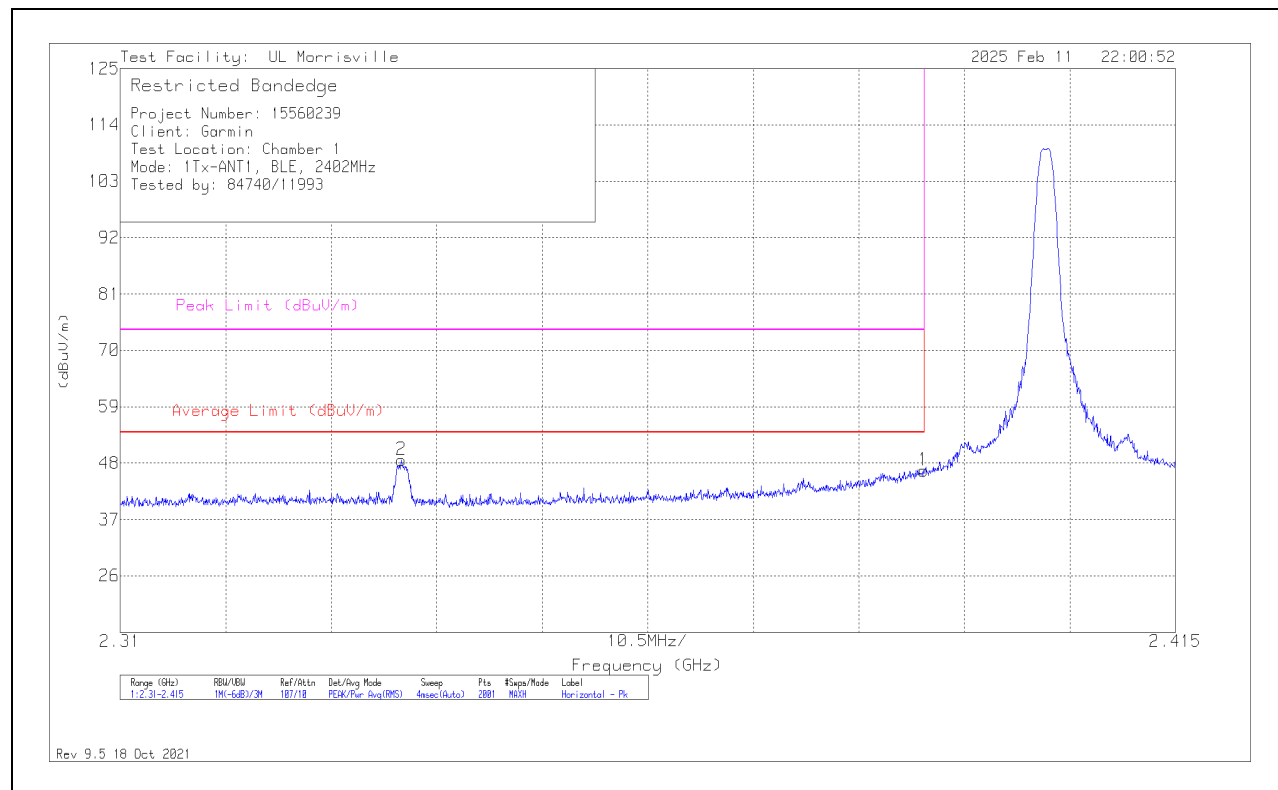
Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

10.2.2. BLE (125Kbps)

Antenna 1

BANDEGE (LOW CHANNEL)

HORIZONTAL RESULT



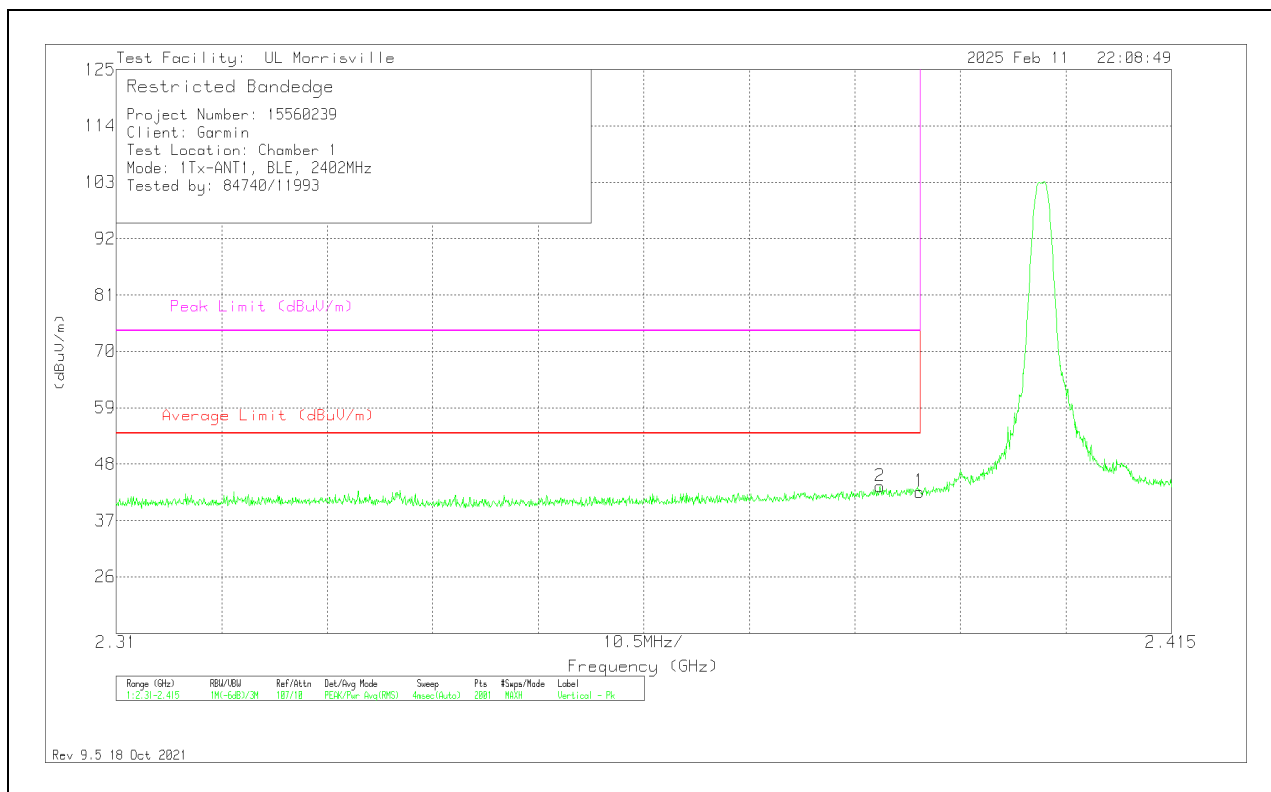
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	38.66	Pk	31.9	-24	0	46.56	-	-	74	-27.44	334	115	H
	* 2.38996	38.66	Pk	31.9	-24	-3.94	42.62	54	-11.38	-	-	334	115	H
2	* 2.33798	41.19	Pk	31.8	-24.4	0	48.59	-	-	74	-25.41	334	115	H
	* 2.33798	41.19	Pk	31.8	-24.4	-3.94	44.65	54	-9.35	-	-	334	115	H

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

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	34.75	Pk	31.9	-24	0	42.65	-	-	74	-31.35	46	114	V
	* 2.38996	34.75	Pk	31.9	-24	-3.94	38.71	54	-15.29	-	-	46	114	V
2	* 2.38602	35.63	Pk	31.9	-23.9	0	43.63	-	-	74	-30.37	46	114	V
	* 2.38602	35.63	Pk	31.9	-23.9	-3.94	39.69	54	-14.31	-	-	46	114	V

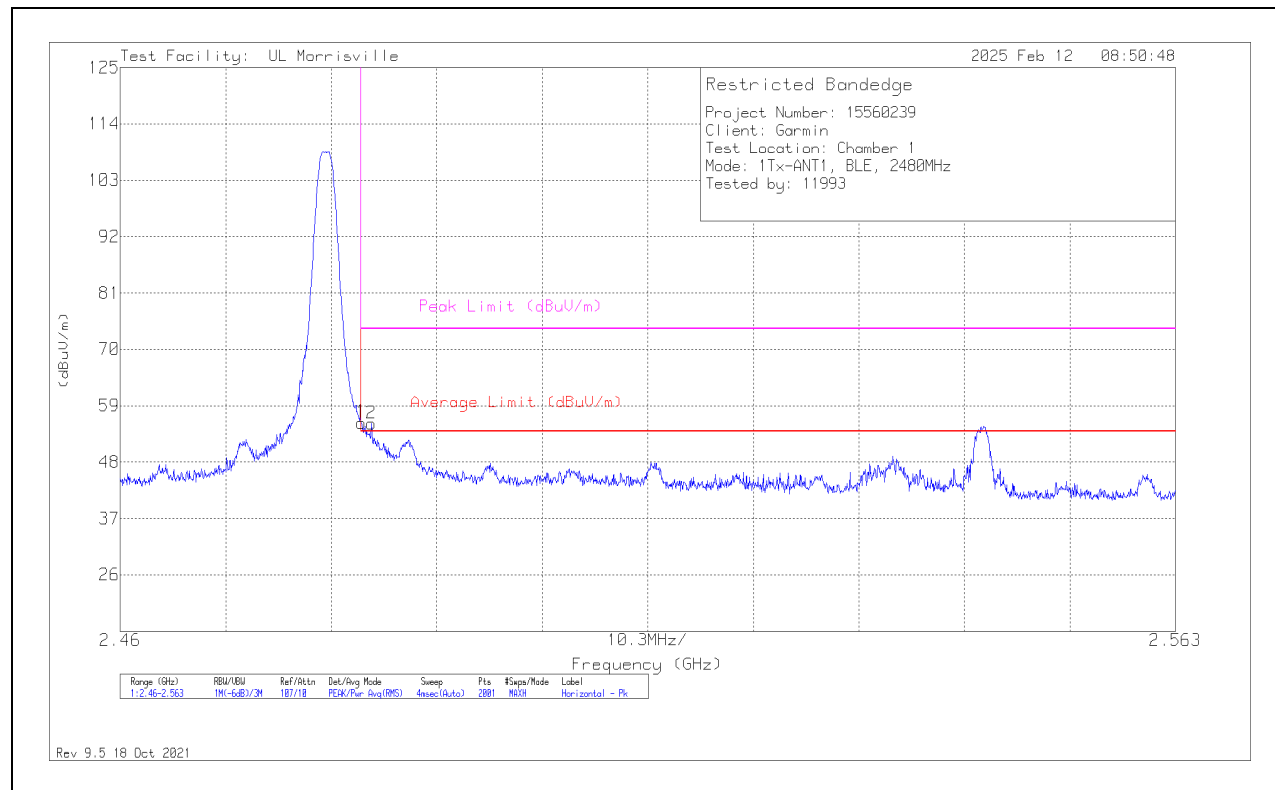
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

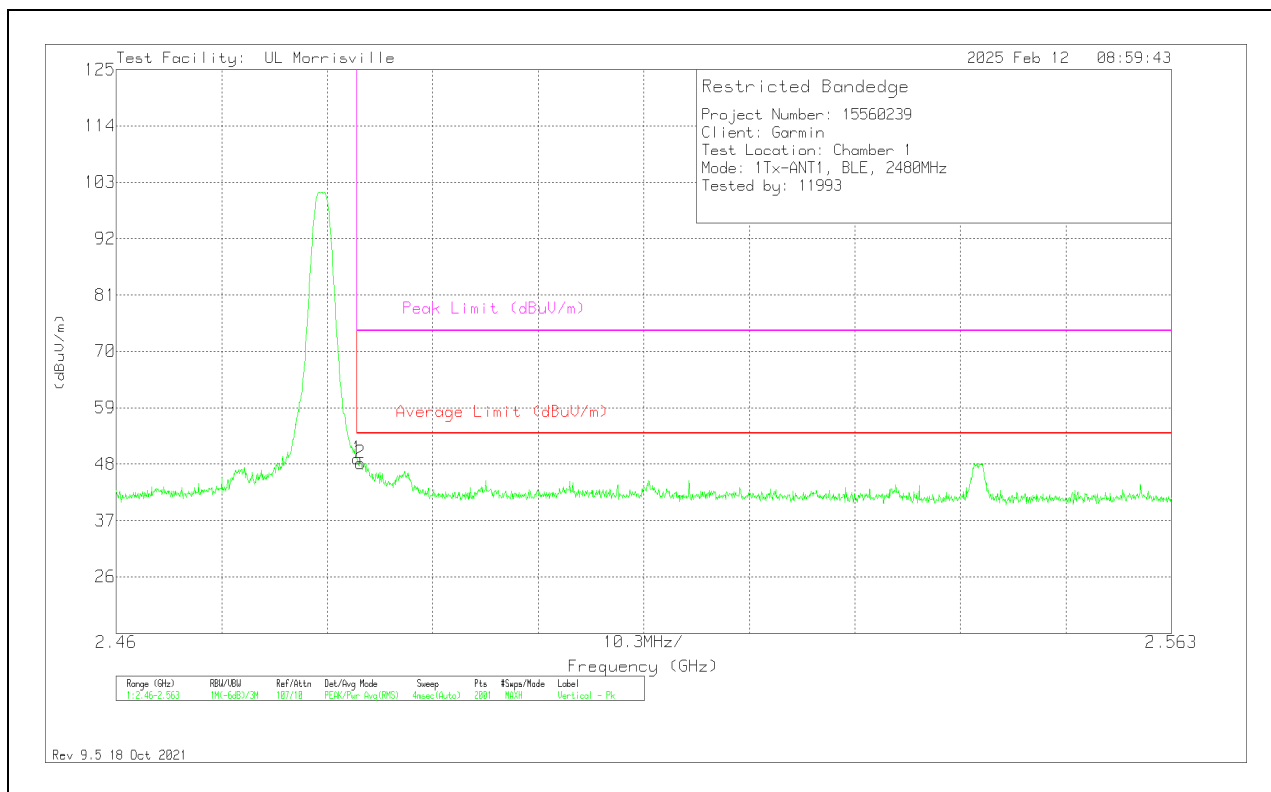


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	47.2	Pk	32.2	-23.7	0	55.7	-	-	74	-18.3	331	111	H
	* 2.48354	47.2	Pk	32.2	-23.7	-3.94	51.76	54	-2.24	-	-	331	111	H
2	* 2.48451	47.09	Pk	32.2	-23.8	0	55.49	-	-	74	-18.51	331	111	H
	* 2.48451	47.09	Pk	32.2	-23.8	-3.94	51.55	54	-2.45	-	-	331	111	H

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	40.57	Pk	32.2	-23.7	0	49.07	-	-	74	-24.93	350	114	V
	* 2.48354	40.57	Pk	32.2	-23.7	-3.94	45.13	54	-8.87	-	-	350	114	V
2	* 2.48384	39.74	Pk	32.2	-23.7	0	48.24	-	-	74	-25.76	350	114	V
	* 2.48384	39.74	Pk	32.2	-23.7	-3.94	44.31	54	-9.69	-	-	350	114	V

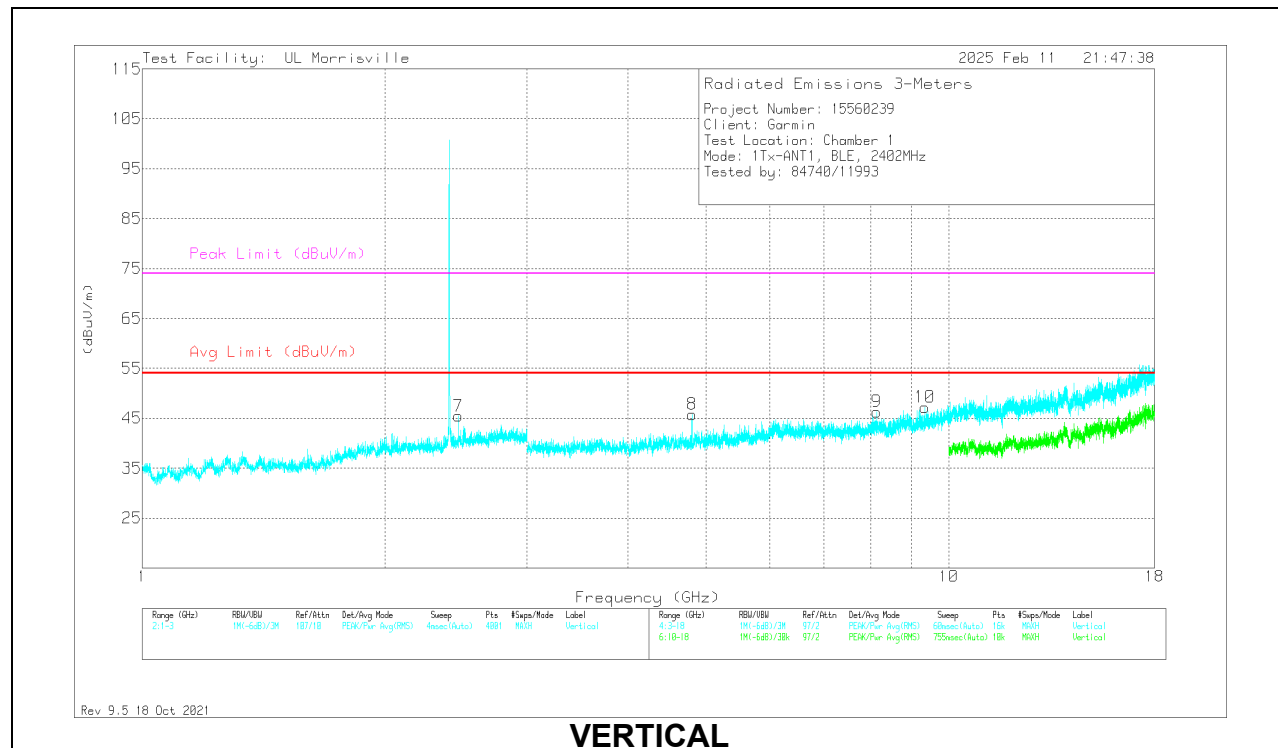
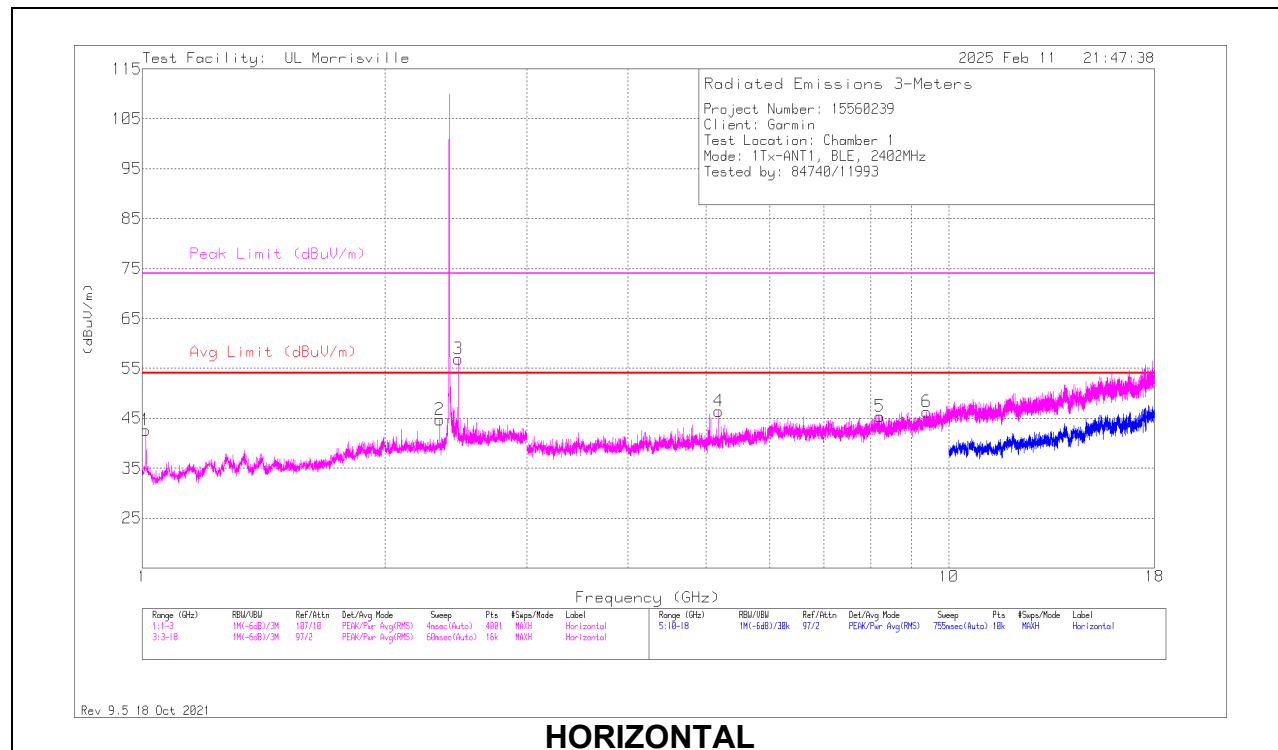
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

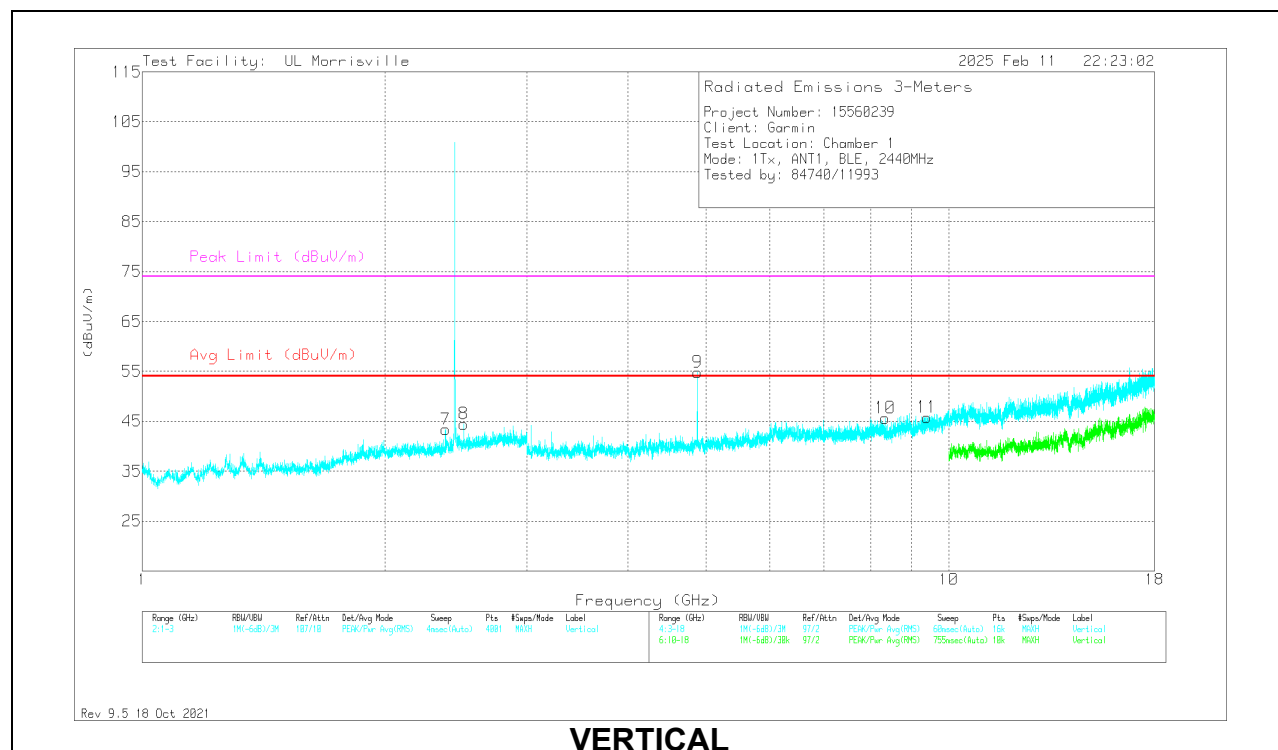
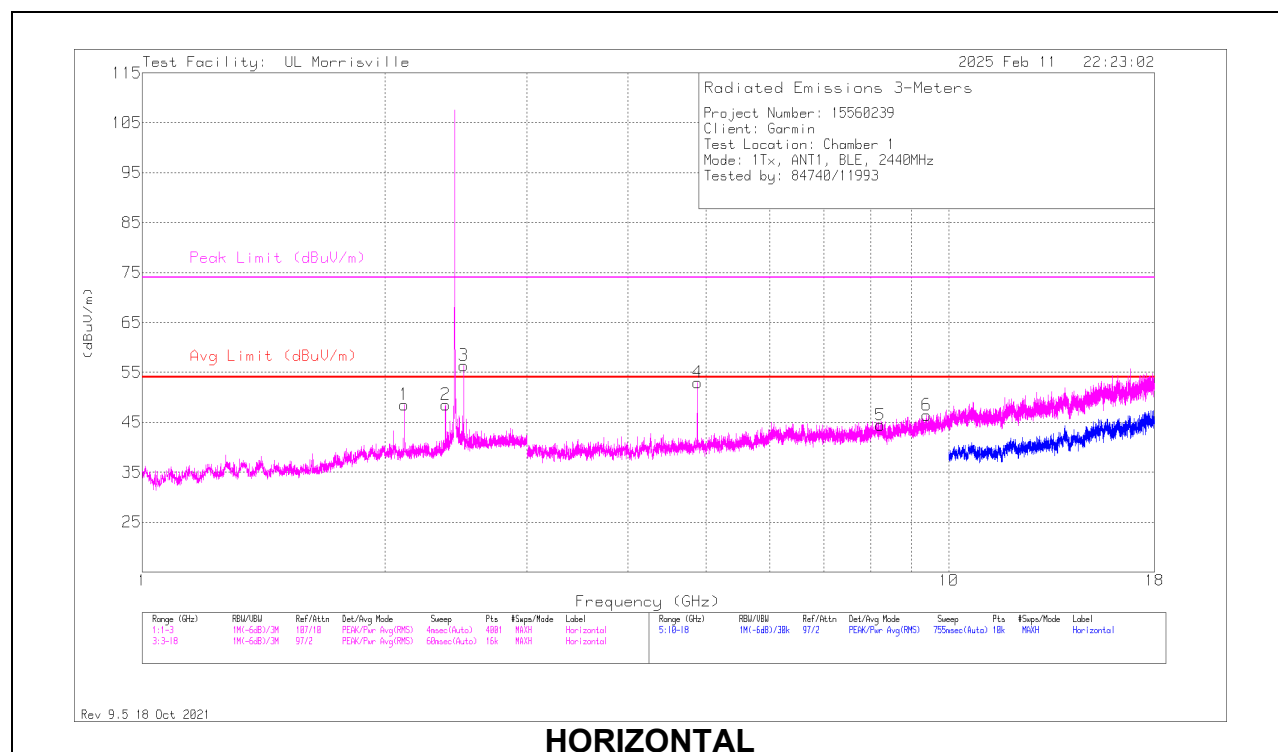


RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.0105	41.69	Pk	27.9	-27	0	42.59	54	-11.41	74	-31.41	0-360	101	H
2	* 2.3385	37.32	Pk	31.8	-24.4	0	44.72	54	-9.28	74	-29.28	0-360	101	H
5	* 8.20875	50.42	Pk	35.9	-41	0	45.32	54	-8.68	74	-28.68	0-360	101	H
6	* 9.39281	50.04	Pk	36.3	-40.1	0	46.24	54	-7.76	74	-27.76	0-360	200	H
8	* 4.80469	57.6	Pk	33.9	-45.7	0	45.8	54	-8.2	74	-28.2	0-360	200	V
9	* 8.14031	51.31	Pk	35.9	-40.9	0	46.31	54	-7.69	74	-27.69	0-360	101	V
10	* 9.34875	51.57	Pk	36.2	-40.6	0	47.17	54	-6.83	74	-26.83	0-360	101	V
3	2.4665	48.92	Pk	32.2	-24.2	0	56.92	-	-	-	-	0-360	101	H
7	2.4665	37.43	Pk	32.2	-24.2	0	45.43	-	-	-	-	0-360	200	V
4	5.1825	56.14	Pk	34.3	-44	0	46.44	-	-	-	-	0-360	200	H

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

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.37633	48.31	PK2	31.9	-24.3	0	55.91	-	-	74	-18.09	295	116	H
	* 2.37633	48.31	PK2	31.9	-24.3	-3.94	51.97	54	-2.03	-	-	295	116	H
7	* 2.3765	35.74	Pk	31.9	-24.3	0	43.34	54	-10.66	74	-30.66	0-360	101	V
4	* 4.87964	65.59	PK2	34	-44.7	0	54.89	-	-	74	-19.11	266	121	H
	* 4.87964	65.59	PK2	34	-44.7	-3.94	50.95	54	-3.05	-	-	266	121	H
5	* 8.23031	49.39	Pk	35.9	-40.9	0	44.39	54	-9.61	74	-29.61	0-360	200	H
6	* 9.38625	50.6	Pk	36.2	-40.4	0	46.4	54	-7.6	74	-27.6	0-360	200	H
9	* 4.88062	66.46	PK2	34	-44.7	0	55.76	-	-	74	-18.24	151	206	V
	* 4.88062	66.46	PK2	34	-44.7	-3.94	51.82	54	-2.18	-	-	151	206	V
10	* 8.33906	50.81	Pk	35.8	-41	0	45.61	54	-8.39	74	-28.39	0-360	200	V
11	* 9.39844	49.78	Pk	36.3	-40.3	0	45.78	54	-8.22	74	-28.22	0-360	200	V
1	2.113	40.91	Pk	31.7	-24.1	0	48.51	-	-	-	-	0-360	101	H
3	2.504	47.84	Pk	32.3	-23.8	0	56.34	-	-	-	-	0-360	101	H
8	2.5045	35.99	Pk	32.3	-23.8	0	44.49	-	-	-	-	0-360	101	V

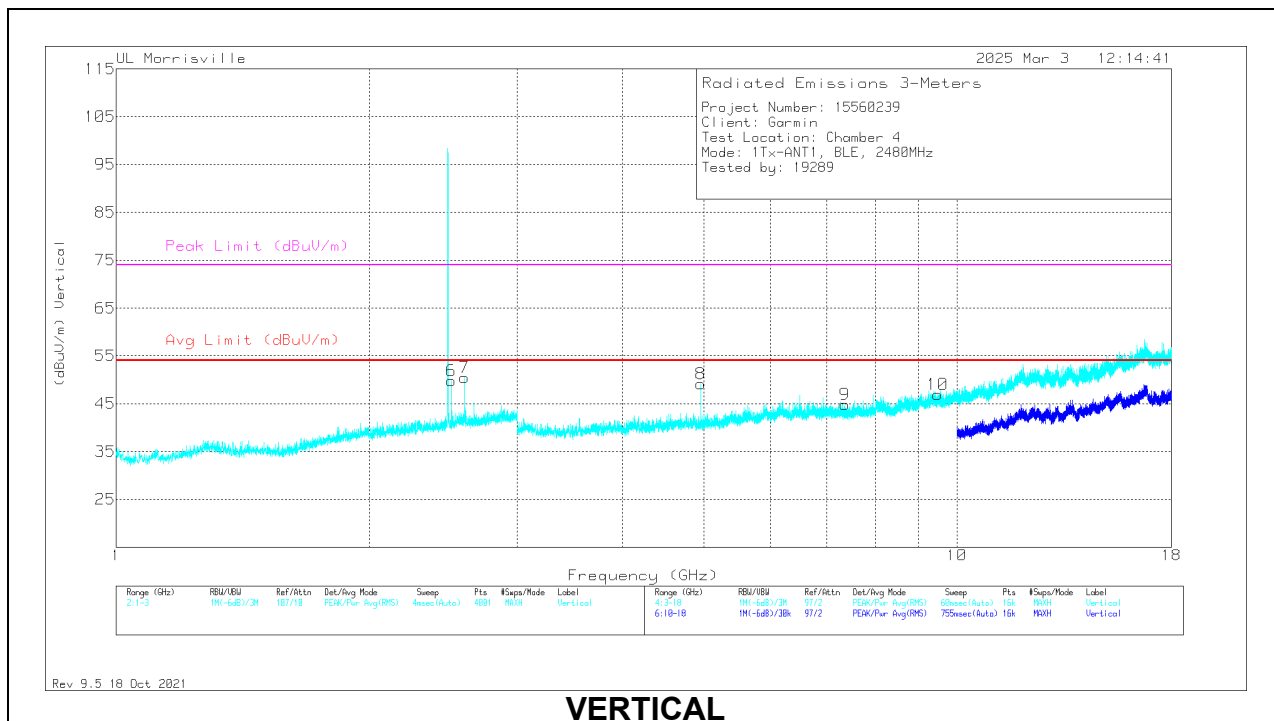
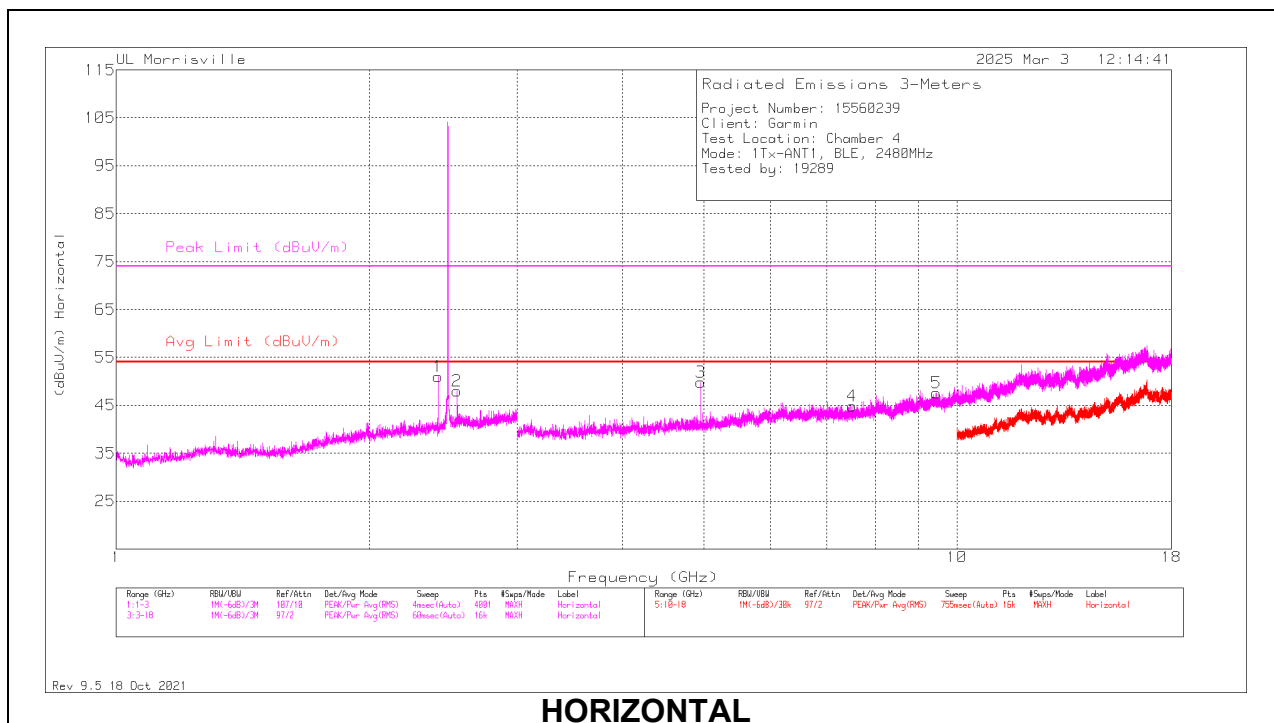
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.95961	51.07	PK2	33.9	-30.8	0	54.17	-	-	74	-19.83	315	398	H
	* 4.95961	51.07	PK2	33.9	-30.8	-3.94	50.23	54	-3.77	-	-	315	398	H
4	* 7.50563	36.83	Pk	35.6	-27.6	0	44.83	54	-9.17	74	-29.17	0-360	200	H
5	* 9.45563	36.32	Pk	36.7	-25.4	0	47.62	54	-6.38	74	-26.38	0-360	200	H
8	* 4.96064	48.84	PK2	33.9	-30.7	0	52.04	-	-	74	-21.96	269	109	V
	* 4.96064	48.84	PK2	33.9	-30.7	-3.94	48.1	54	5.9	-	-	269	109	V
9	* 7.35563	36.94	Pk	35.5	-27.6	0	44.84	54	-9.16	74	-29.16	0-360	100	V
10	* 9.48094	35.7	Pk	36.7	-25.5	0	46.9	54	-7.1	74	-27.1	0-360	100	V
1	2.416	42.2	Pk	32	-23.2	0	51	54	-3	74	-23	0-360	100	H
6	2.503	40.26	Pk	32.3	-22.7	0	49.86	54	-4.14	74	-24.14	0-360	100	V
2	2.5445	38.18	Pk	32.5	-22.7	0	47.98	54	-6.02	74	-26.02	0-360	100	H
7	2.5945	40.58	Pk	32.5	-22.6	0	50.48	54	-3.52	74	-23.52	0-360	100	V

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

Pk - Peak detector

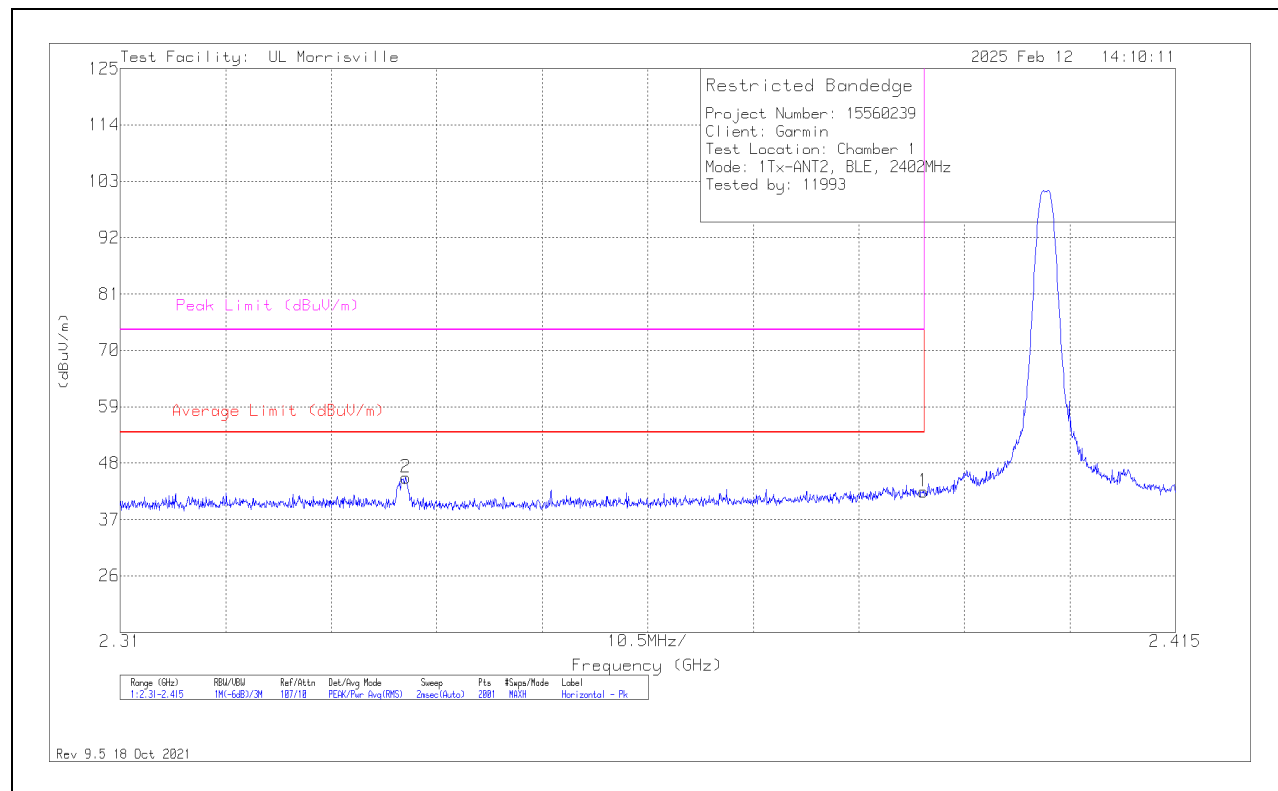
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

Antenna 2

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT

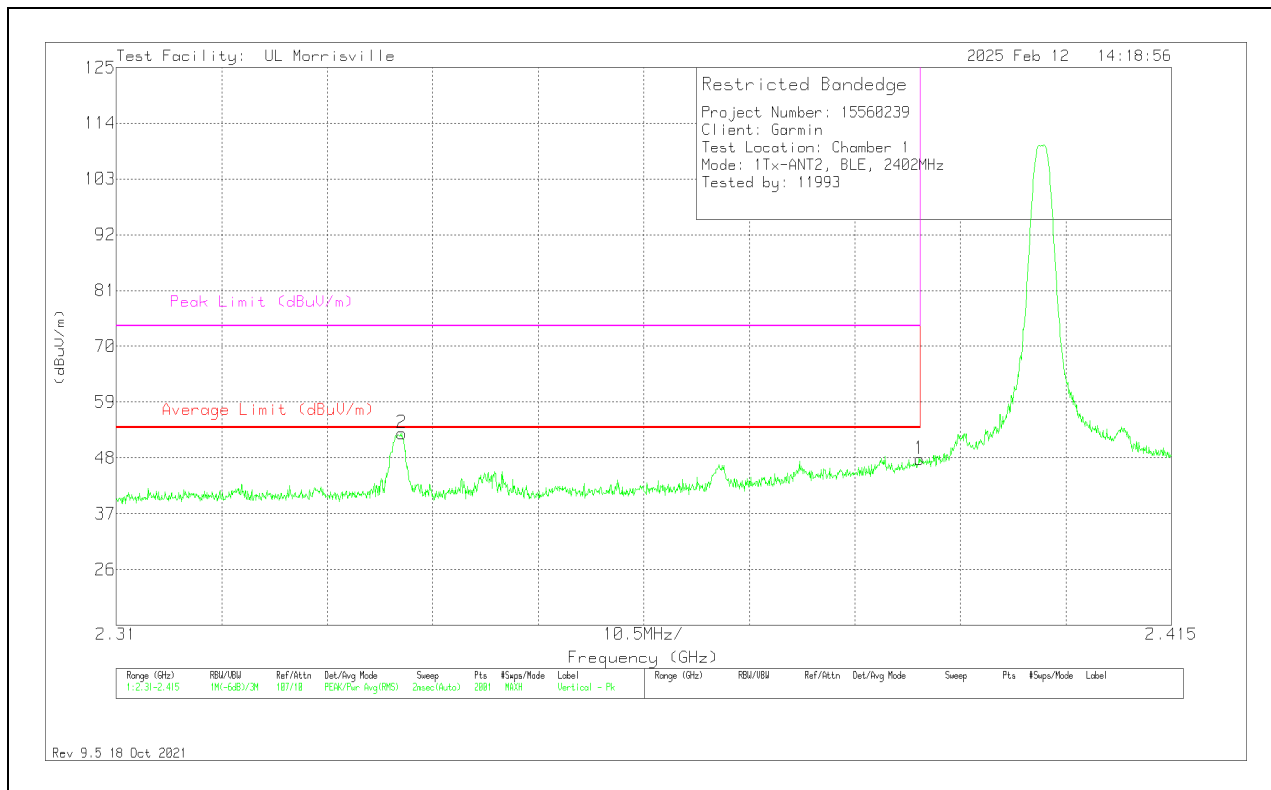


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	34.54	Pk	31.9	-24	0	42.44	-	-	74	-31.56	15	134	H
	* 2.38996	34.54	Pk	31.9	-24	-3.94	38.5	54	-15.5	-	-	15	134	H
2	* 2.3384	37.82	Pk	31.8	-24.4	0	45.22	-	-	74	-28.78	15	134	H
	* 2.3384	37.82	Pk	31.8	-24.4	-3.94	41.28	54	-12.72	-	-	15	134	H

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	39.85	Pk	31.9	-24	0	47.75	-	-	74	-26.25	42	142	V
	* 2.38996	39.85	Pk	31.9	-24	-3.94	43.81	54	-10.19	-	-	42	142	V
2	* 2.3384	45.44	Pk	31.8	-24.4	0	52.84	-	-	74	-21.16	42	142	V
	* 2.3384	45.44	Pk	31.8	-24.4	-3.94	48.9	54	-5.1	-	-	42	142	V

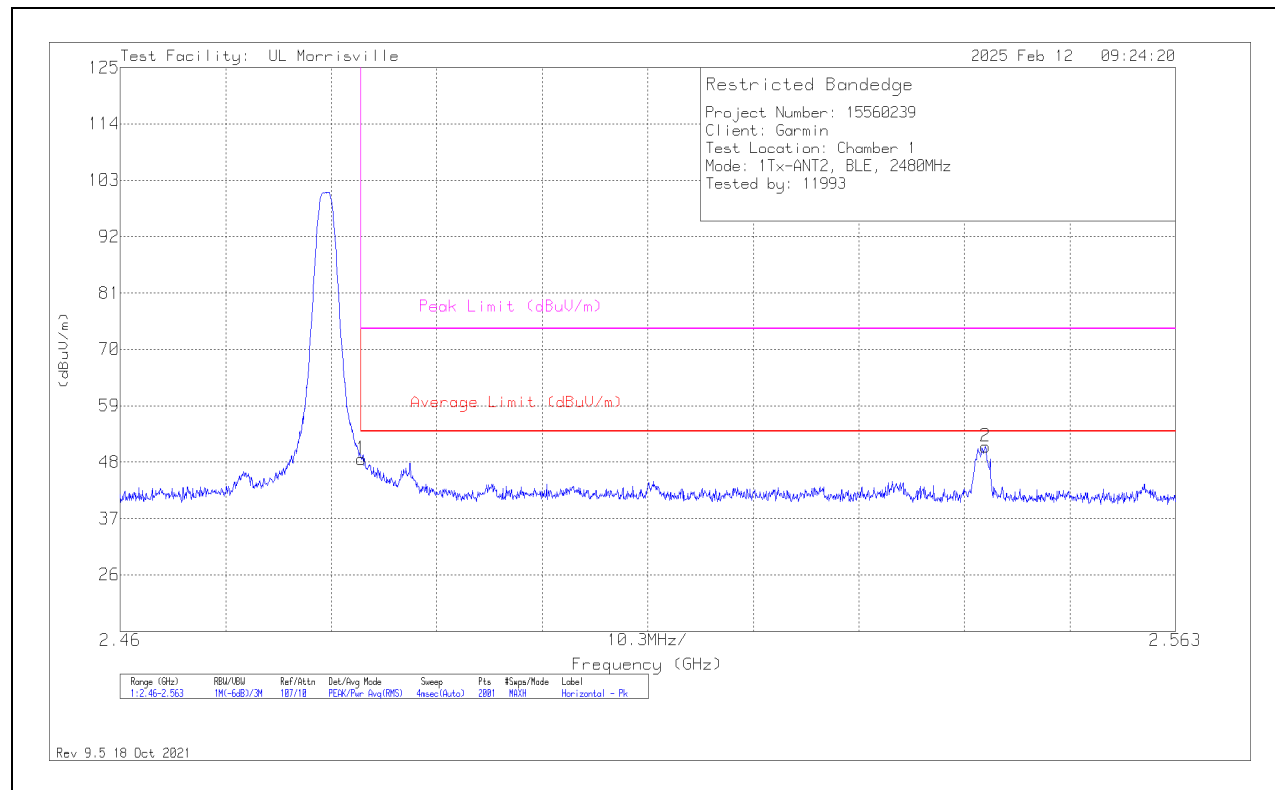
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

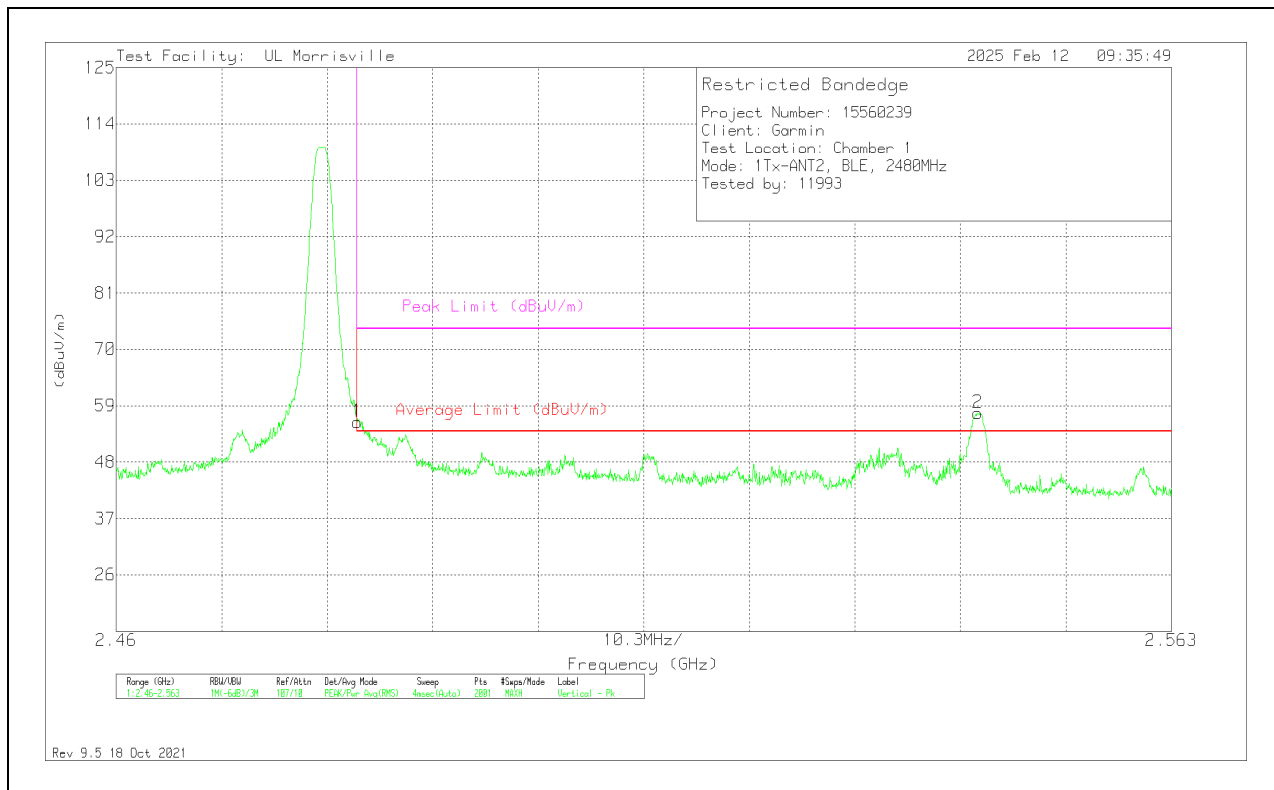


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	40.15	Pk	32.2	-23.7	0	48.65	-	-	74	-25.35	9	106	H
	* 2.48354	40.15	Pk	32.2	-23.7	-3.94	44.71	54	-9.29	-	-	9	106	H
2	2.54446	42.91	Pk	32.3	-24.2	0	51.01	-	-	74	-22.99	9	106	H
	2.54446	42.91	Pk	32.3	-24.2	-3.94	47.07	54	-6.93	-	-	9	106	H

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	47.29	Pk	32.2	-23.7	0	55.79	-	-	74	-18.21	37	119	V
	* 2.48354	47.29	Pk	32.2	-23.7	-3.94	51.85	54	-2.15	-	-	37	119	V
2	2.5441	49.51	Pk	32.3	-24.2	0	57.61	-	-	74	-16.39	37	119	V
	2.5441	49.51	Pk	32.3	-24.2	-3.94	53.67	54	-.33	-	-	37	119	V

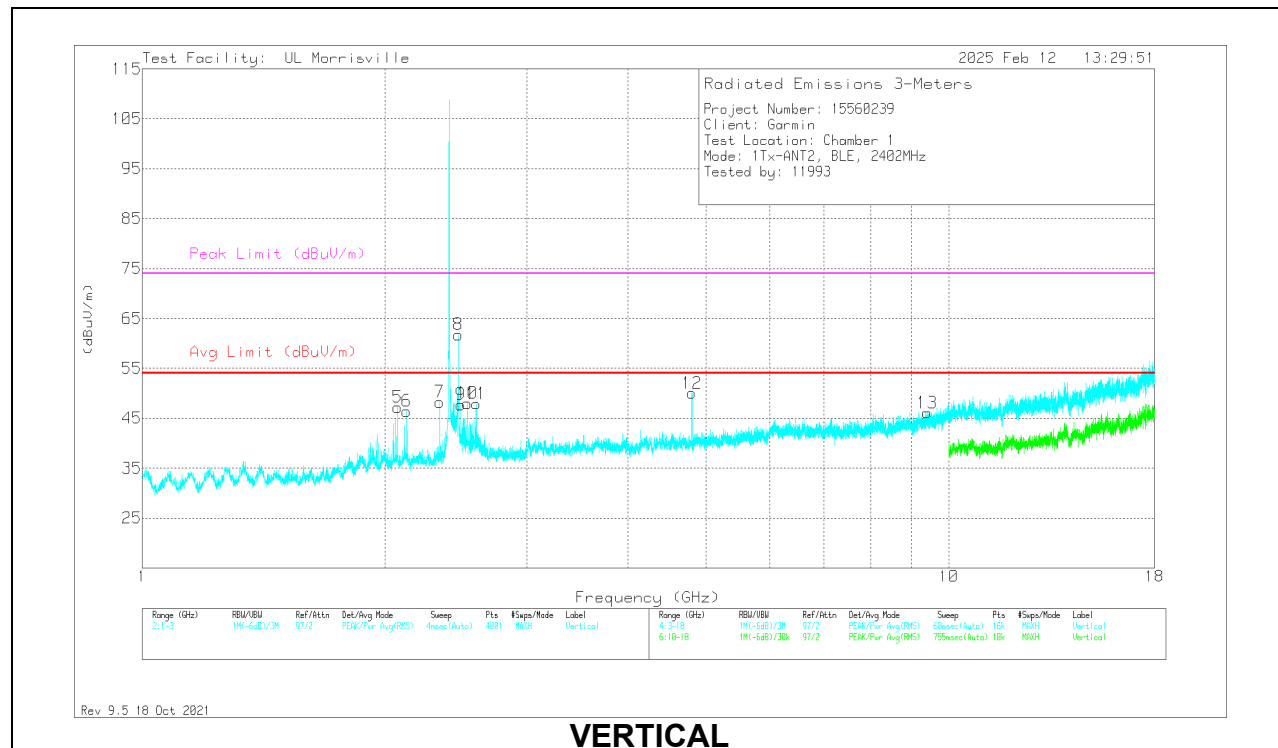
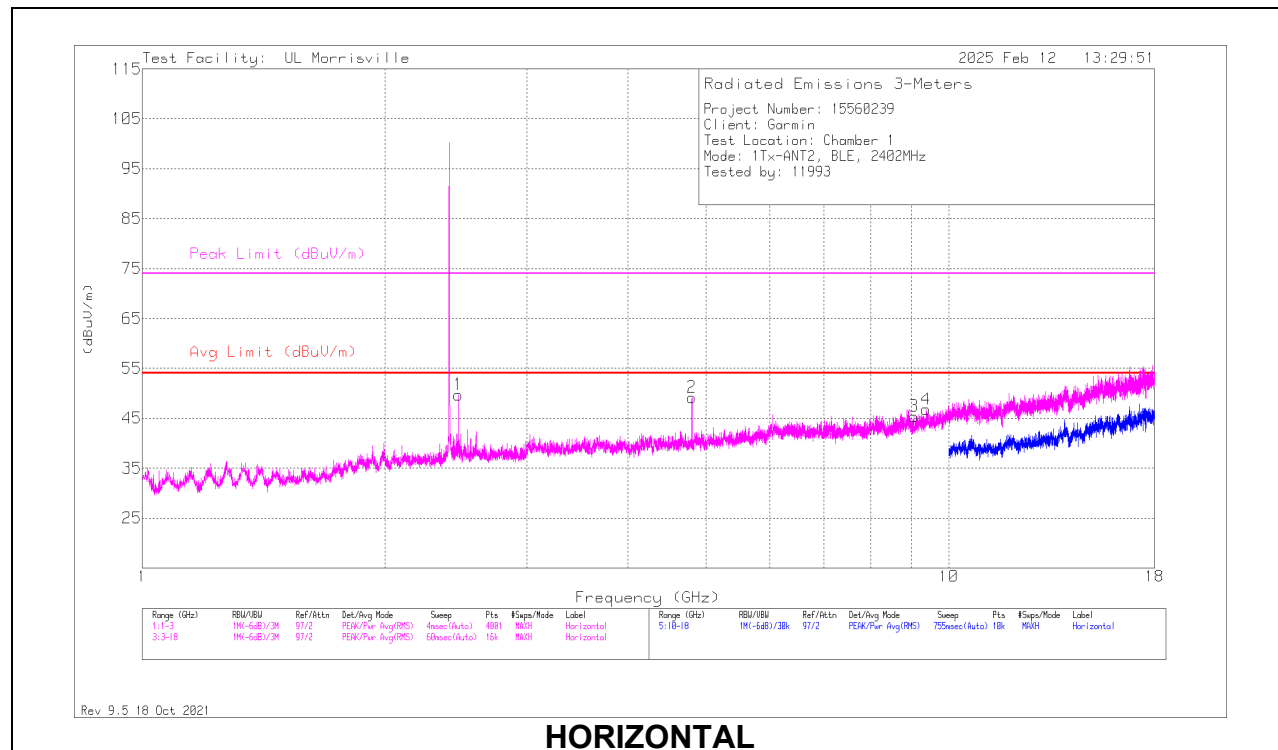
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



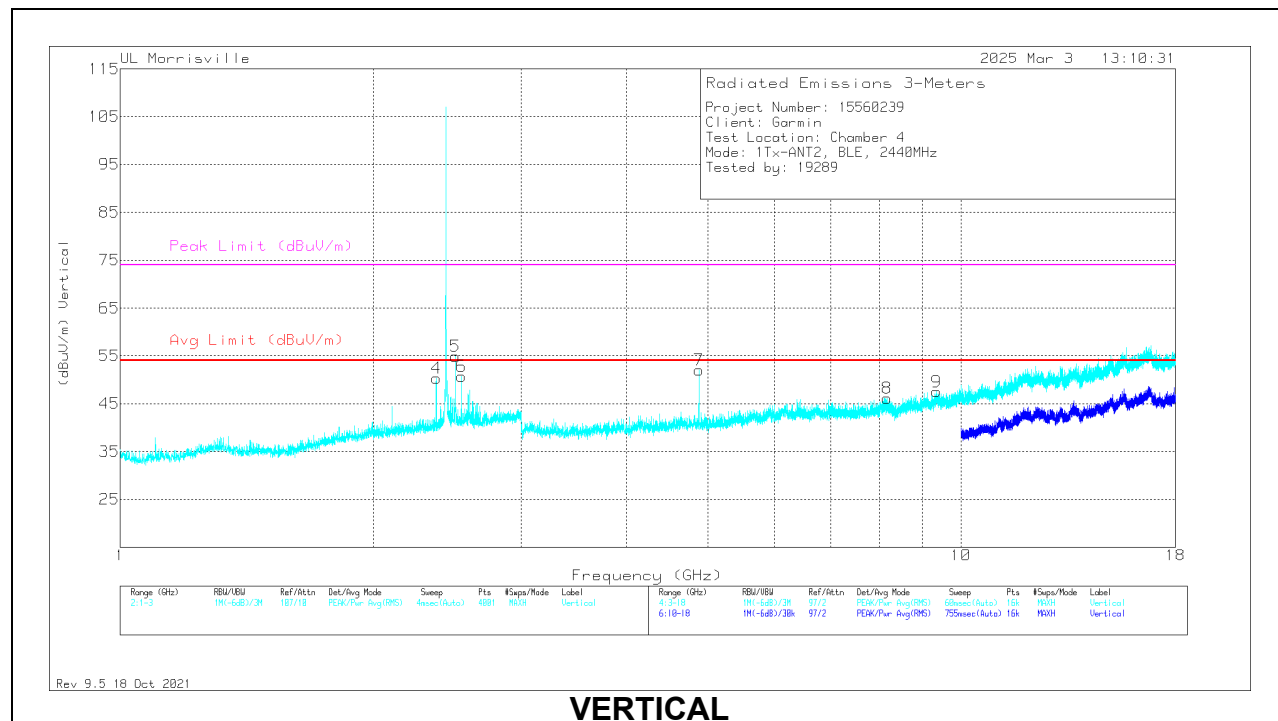
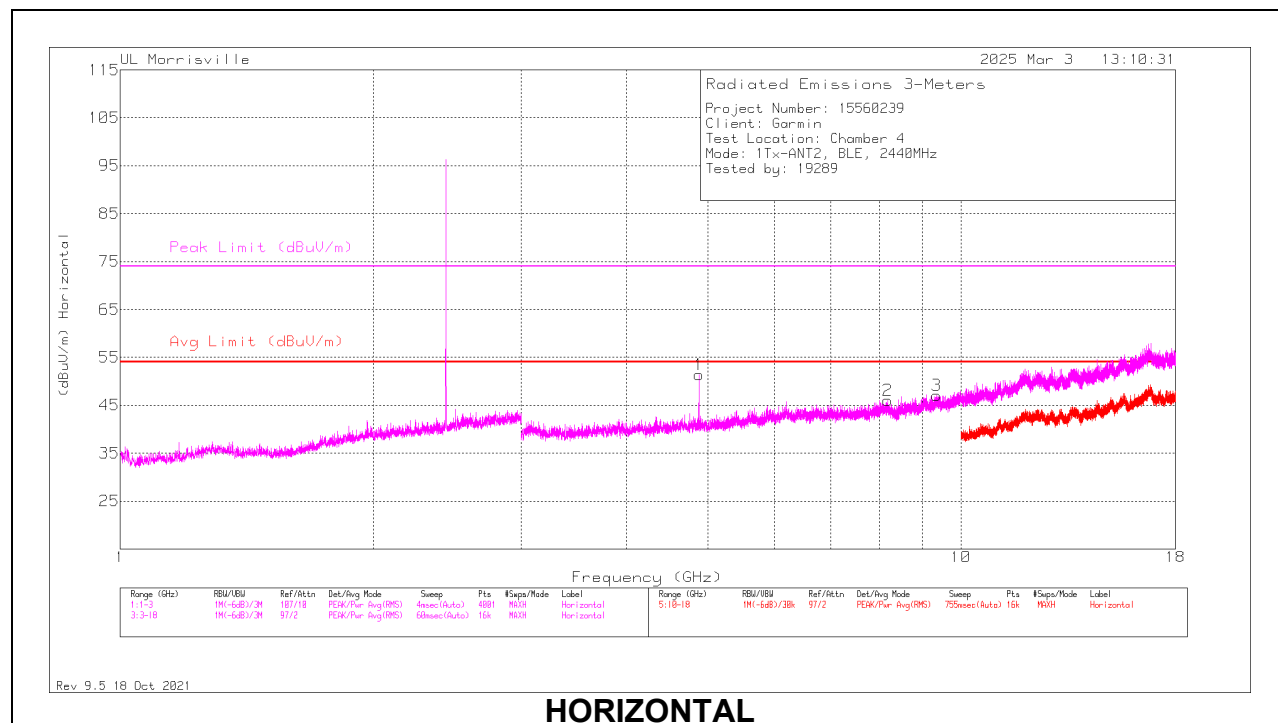
RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 2.33795	45.95	PK2	31.8	-24.4	0	53.35	-	-	74	-20.65	91	171	V
	* 2.33795	45.95	PK2	31.8	-24.4	-3.94	49.41	54	-4.59	-	-	91	171	V
2	* 4.80463	63.15	PK2	33.9	-45.6	0	51.45	-	-	74	-22.55	162	114	H
	* 4.80463	63.15	PK2	33.9	-45.6	-3.94	47.51	54	-6.49	-	-	162	114	H
3	* 9.06375	50	Pk	35.8	-40.4	0	45.4	54	-8.6	74	-28.6	0-360	200	H
4	* 9.37031	50.95	Pk	36.2	-40.4	0	46.75	54	-7.25	74	-27.25	0-360	200	H
12	* 4.80373	63.32	PK2	33.9	-45.6	0	51.62	-	-	74	-22.38	167	110	V
	* 4.80373	63.32	PK2	33.9	-45.6	-3.94	47.68	54	-6.32	-	-	167	110	V
13	* 9.4125	49.88	Pk	36.3	-40.1	0	46.08	54	-7.92	74	-27.92	0-360	101	V
5	2.073	39.8	Pk	31.6	-24.2	0	47.2	-	-	-	-	0-360	101	V
6	2.129	38.83	Pk	31.7	-24.1	0	46.43	-	-	-	-	0-360	101	V
1	2.4665	41.7	Pk	32.2	-24.2	0	49.7	-	-	-	-	0-360	200	H
8	2.4665	53.71	Pk	32.2	-24.2	0	61.71	-	-	-	-	0-360	200	V
9	2.482	39.23	Pk	32.2	-23.7	0	47.73	-	-	-	-	0-360	200	V
10	2.53	39.87	Pk	32.3	-24.2	0	47.97	-	-	-	-	0-360	101	V
11	2.5945	39.41	Pk	32.5	-24	0	47.91	-	-	-	-	0-360	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 2.37627	44.33	PK2	32	-22.9	0	53.43	-	-	74	-20.57	91	124	V
	* 2.37627	44.33	PK2	32	-22.9	-3.94	49.49	54	-4.51	-	-	91	124	V
1	* 4.88053	50.37	PK2	34	-31	0	53.37	-	-	74	-20.63	208	115	H
	* 4.88053	50.37	PK2	34	-31	-3.94	49.43	54	-4.57	-	-	208	115	H
2	* 8.18719	36.46	Pk	35.8	-26.2	0	46.06	54	-7.94	74	-27.94	0-360	100	H
3	* 9.36563	35.21	Pk	36.5	-24.6	0	47.11	54	-6.89	74	-26.89	0-360	100	H
7	* 4.8806	50.6	PK2	34	-31	0	53.6	-	-	74	-20.4	243	200	V
	* 4.8806	50.6	PK2	34	-31	-3.94	49.66	54	-4.34	-	-	243	200	V
8	* 8.17594	36.77	Pk	35.8	-26.4	0	46.17	54	-7.83	74	-27.83	0-360	200	V
9	* 9.35531	35.42	Pk	36.5	-24.4	0	47.52	54	-6.48	74	-26.48	0-360	200	V
5	2.504	45.36	Pk	32.3	-22.7	0	54.96	-	-	-	-	0-360	100	V
6	2.5475	40.99	Pk	32.4	-22.7	0	50.69	-	-	-	-	0-360	100	V

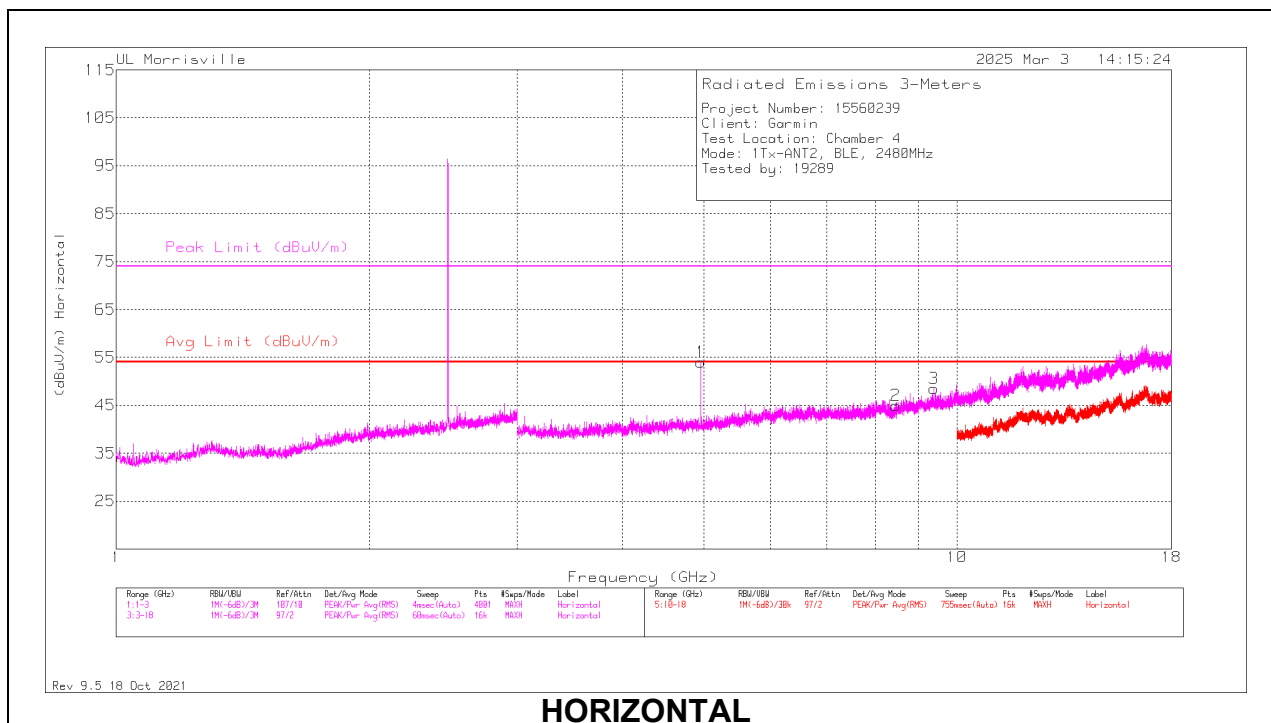
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

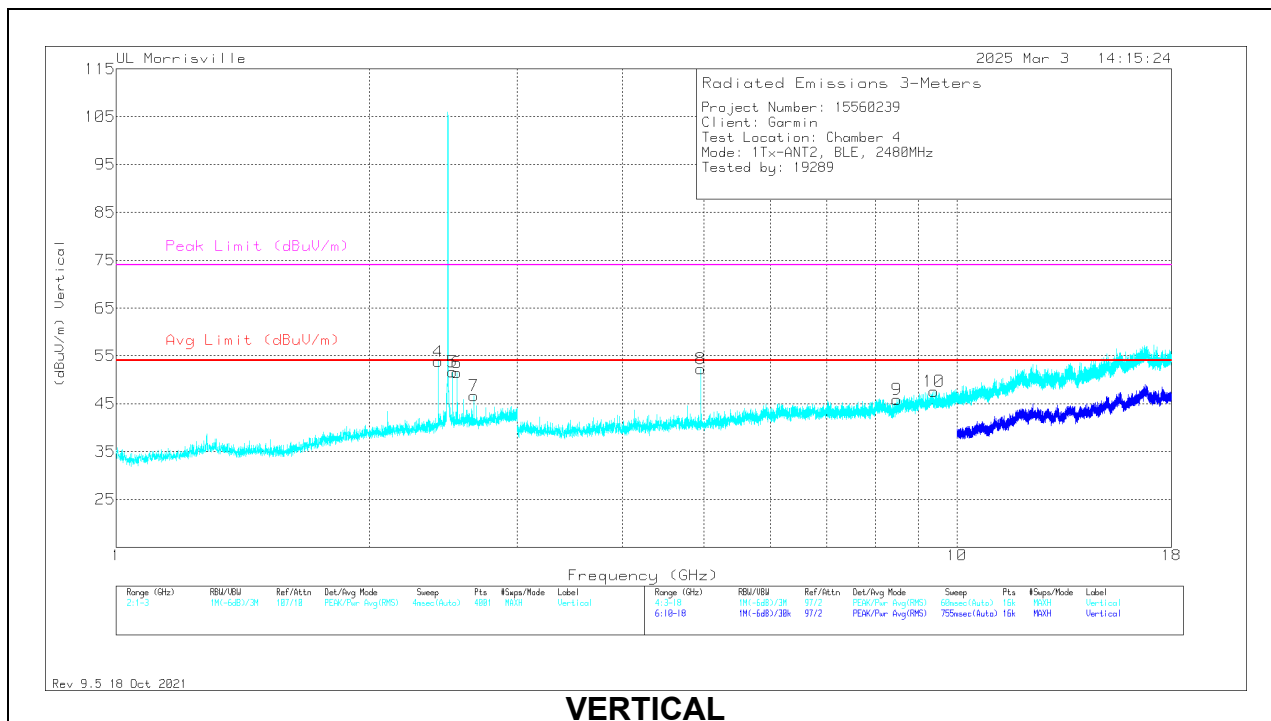
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7	* 2.6625	36.88	Pk	32.4	-22.6	0	46.68	54	-7.32	74	-27.32	0-360	200	V
1	* 4.96058	52.45	PK2	33.9	-30.7	0	55.65	-	-	74	-18.35	213	101	H
	* 4.96058	52.45	PK2	33.9	-30.7	-3.94	51.71	54	-2.29	-	-	213	101	H
2	* 8.45063	35.2	Pk	35.8	-26	0	45	54	-9	74	-29	0-360	100	H
3	* 9.3936	37.37	PK2	36.6	-24.8	0	49.17	-	-	74	-24.83	196	213	H
	* 9.3936	37.37	PK2	36.6	-24.8	-3.94	45.23	54	-8.77	-	-	196	213	H
8	* 4.9606	51.51	PK2	33.9	-30.7	0	54.71	-	-	74	-19.29	237	103	V
	* 4.9606	51.51	PK2	33.9	-30.7	-3.94	50.77	54	-3.23	-	-	237	103	V
9	* 8.48813	35.82	Pk	35.8	-25.7	0	45.92	54	-8.08	74	-28.08	0-360	200	V
10	* 9.3975	35.89	Pk	36.6	-24.9	0	47.59	54	-6.41	74	-26.41	0-360	200	V
4	2.4165	45.01	Pk	32	-23.2	0	53.81	-	-	-	-	0-360	200	V
5	2.513	42.1	Pk	32.3	-22.7	0	51.7	-	-	-	-	0-360	200	V
6	2.5445	41.75	Pk	32.5	-22.7	0	51.55	-	-	-	-	0-360	200	V

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

Pk - Peak detector

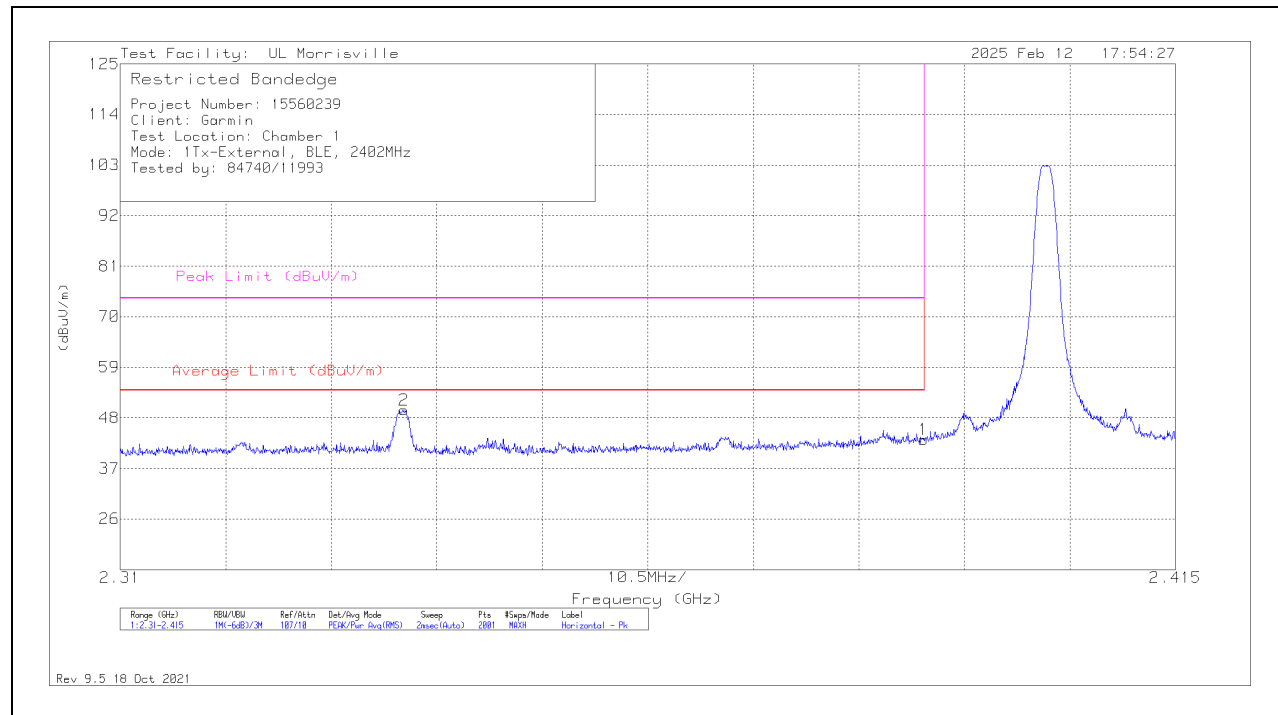
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

External Antenna

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



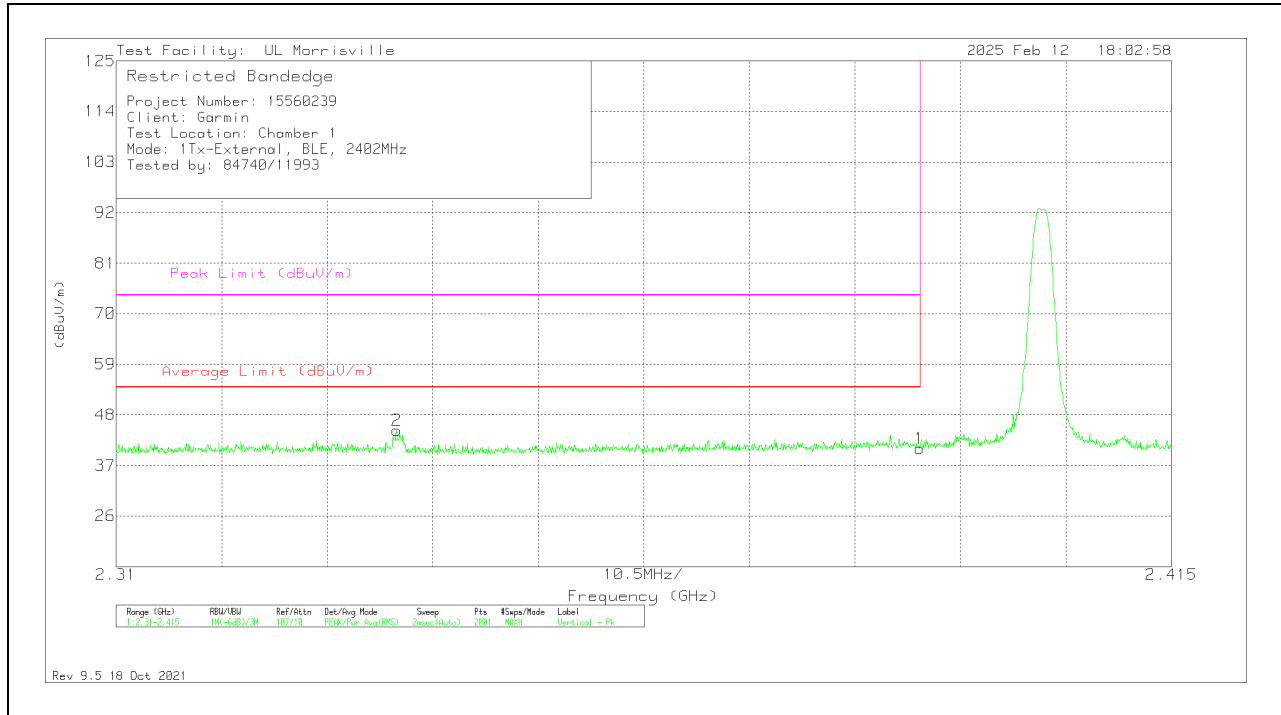
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	35.37	Pk	31.9	-24	0	43.27	-	-	74	-30.73	13	115	H
	* 2.38996	35.37	Pk	31.9	-24	-3.94	39.33	54	-14.67	-	-	13	115	H
2	* 2.33825	42.35	Pk	31.8	-24.4	0	49.75	-	-	74	-24.25	13	115	H
	* 2.33825	42.35	Pk	31.8	-24.4	-3.94	45.81	54	-8.19	-	-	13	115	H

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

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.38996	32.77	Pk	31.9	-24	0	40.67	-	-	74	-33.33	206	121	V
	* 2.38996	32.77	Pk	31.9	-24	-3.94	36.73	54	-17.27	-	-	206	121	V
2	* 2.33793	37.27	Pk	31.8	-24.4	0	44.67	-	-	74	-29.33	206	121	V
	* 2.33793	37.27	Pk	31.8	-24.4	-3.94	40.73	54	-13.27	-	-	206	121	V

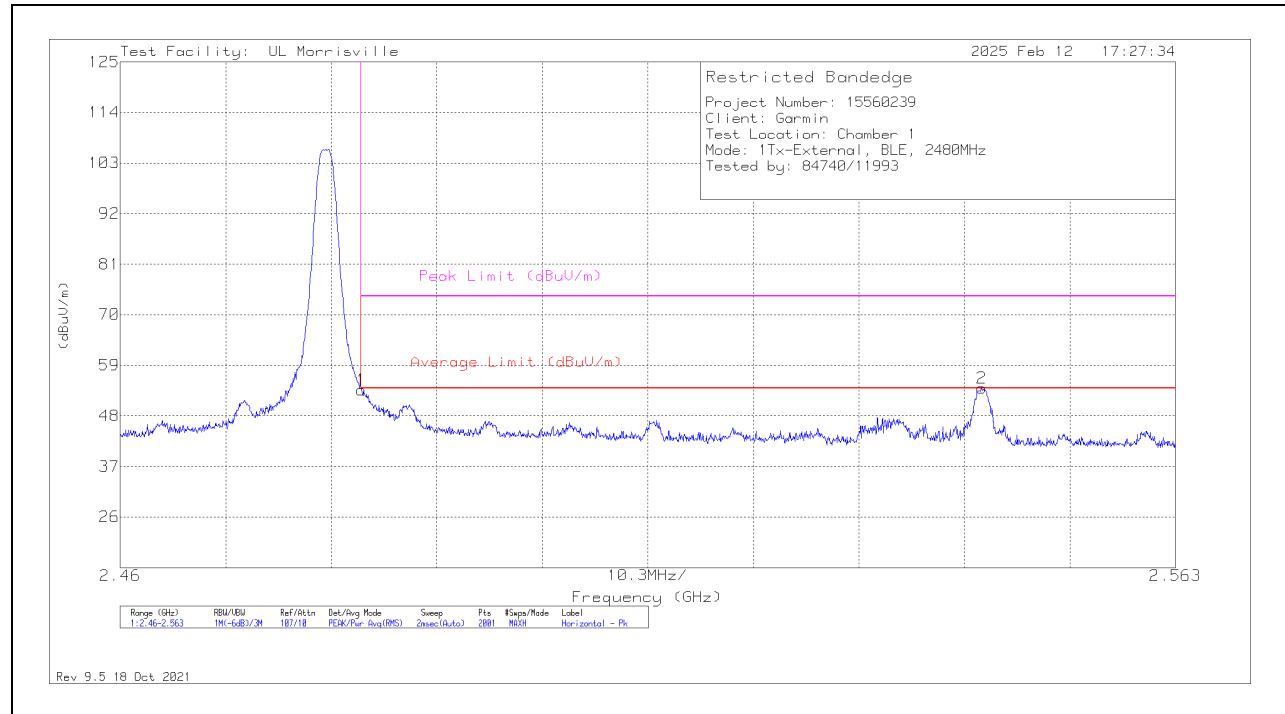
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

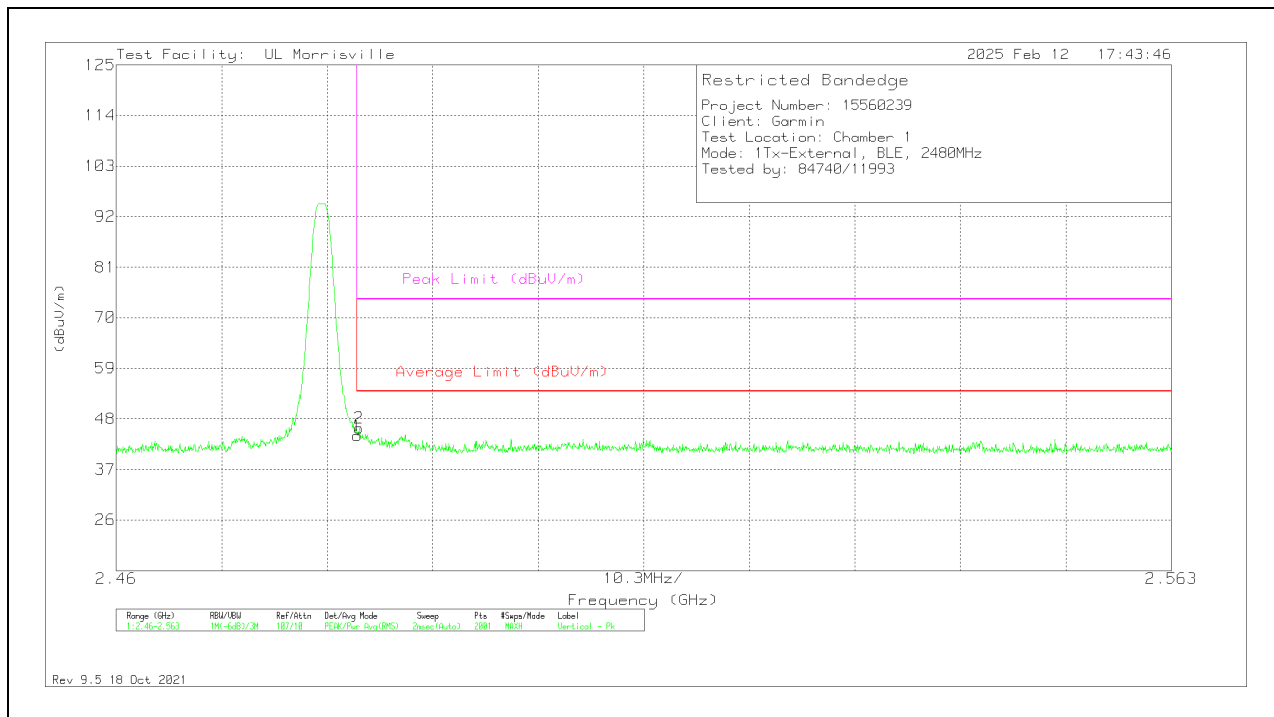


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	45.12	Pk	32.2	-23.7	0	53.62	-	-	74	-20.38	276	112	H
	* 2.48354	45.12	Pk	32.2	-23.7	-3.94	49.68	54	-4.32	-	-	276	112	H
2	2.5441	45.9	Pk	32.3	-24.2	0	54	-	-	74	-20	276	112	H
	2.5441	45.9	Pk	32.3	-24.2	-3.94	50.06	54	-3.94	-	-	276	112	H

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

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.48354	35.82	Pk	32.2	-23.7	0	44.32	-	-	74	-29.68	207	116	V
	* 2.48354	35.82	Pk	32.2	-23.7	-3.94	40.38	54	-13.62	-	-	207	116	V
2	* 2.48369	37.56	Pk	32.2	-23.7	0	46.06	-	-	74	-27.94	207	116	V
	* 2.48369	37.56	Pk	32.2	-23.7	-3.94	42.12	54	-11.88	-	-	207	116	V

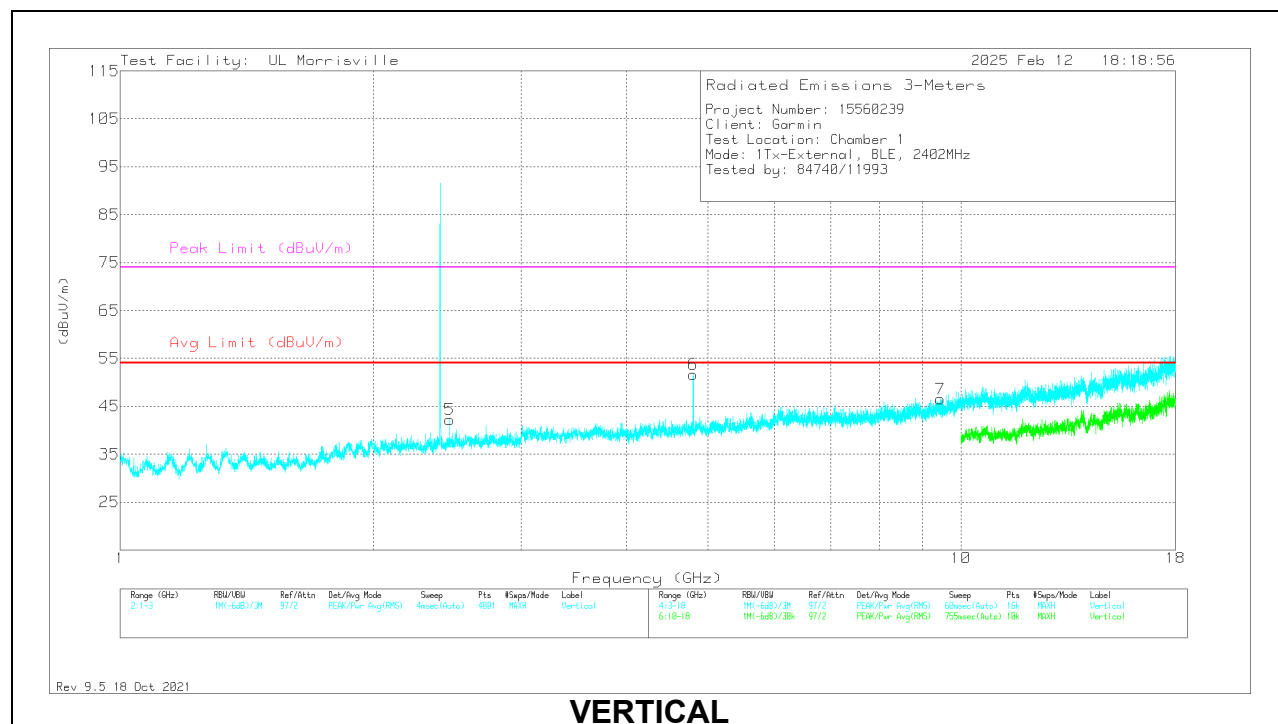
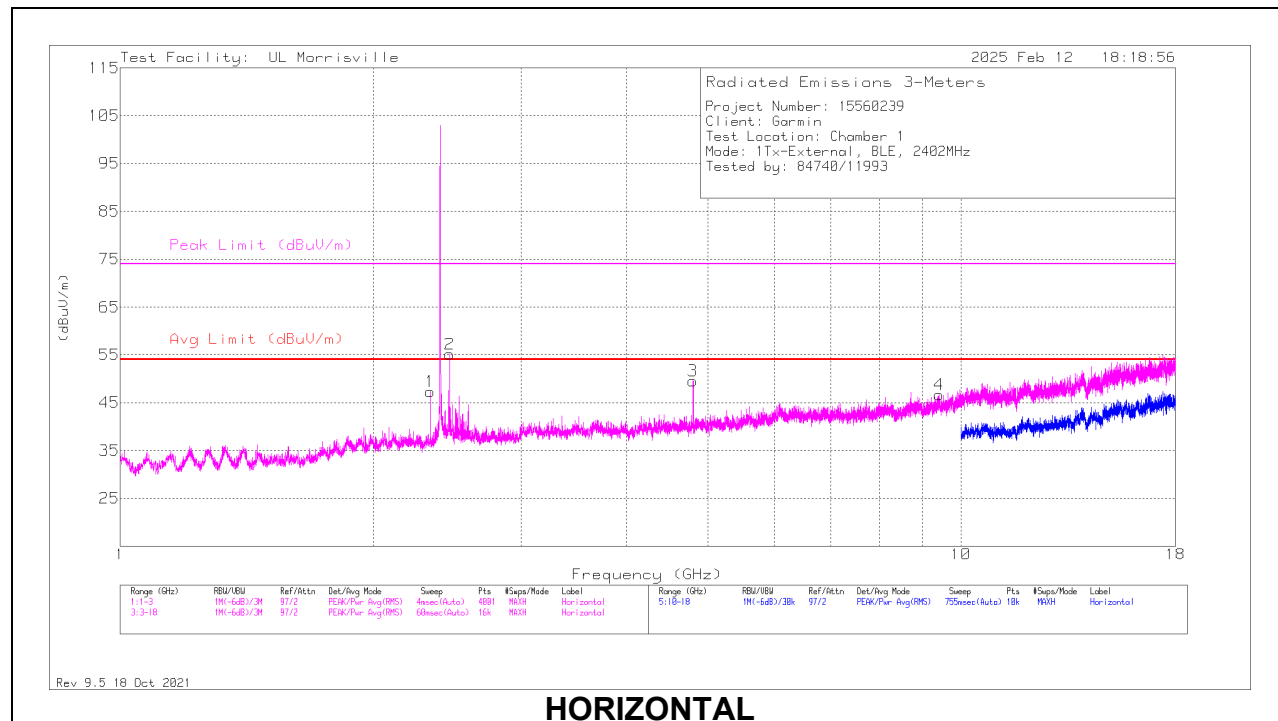
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.3385	39.94	Pk	31.8	-24.4	0	47.34	54	-6.66	74	-26.66	0-360	101	H
3	* 4.80457	64.44	PK2	33.9	-45.6	0	52.74	-	-	74	-21.26	79	280	H
	* 4.80457	64.44	PK2	33.9	-45.6	-3.94	48.8	54	-5.2	-	-	79	280	H
4	* 9.42281	50.54	Pk	36.3	-40.2	0	46.64	54	-7.36	74	-27.36	0-360	200	H
6	* 4.80456	65.17	PK2	33.9	-45.6	0	53.47	-	-	74	-20.53	159	197	V
	* 4.80456	65.17	PK2	33.9	-45.6	-3.94	49.53	54	-4.47	-	-	159	197	V
7	* 9.46125	50.88	Pk	36.4	-40.8	0	46.48	54	-7.52	74	-27.52	0-360	101	V
2	2.466	47.13	Pk	32.2	-24.2	0	55.13	-	-	-	-	0-360	101	H
5	2.466	34.23	Pk	32.2	-24.2	0	42.23	-	-	-	-	0-360	200	V

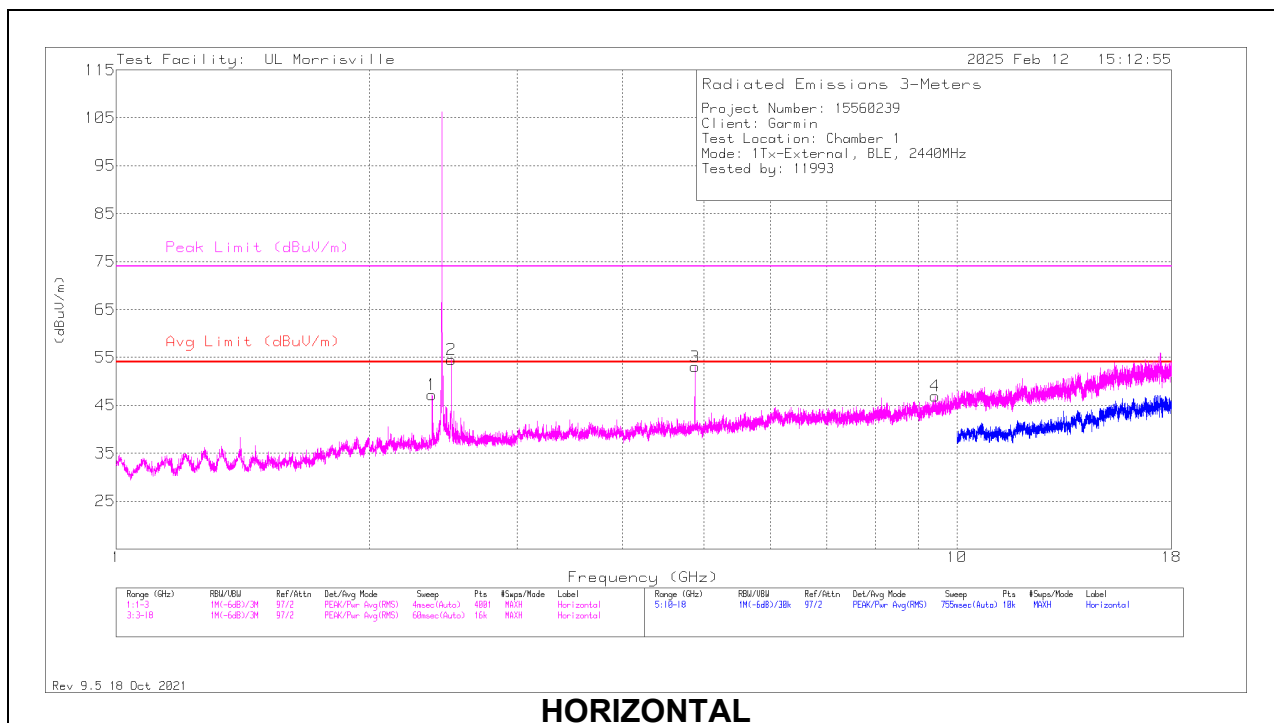
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

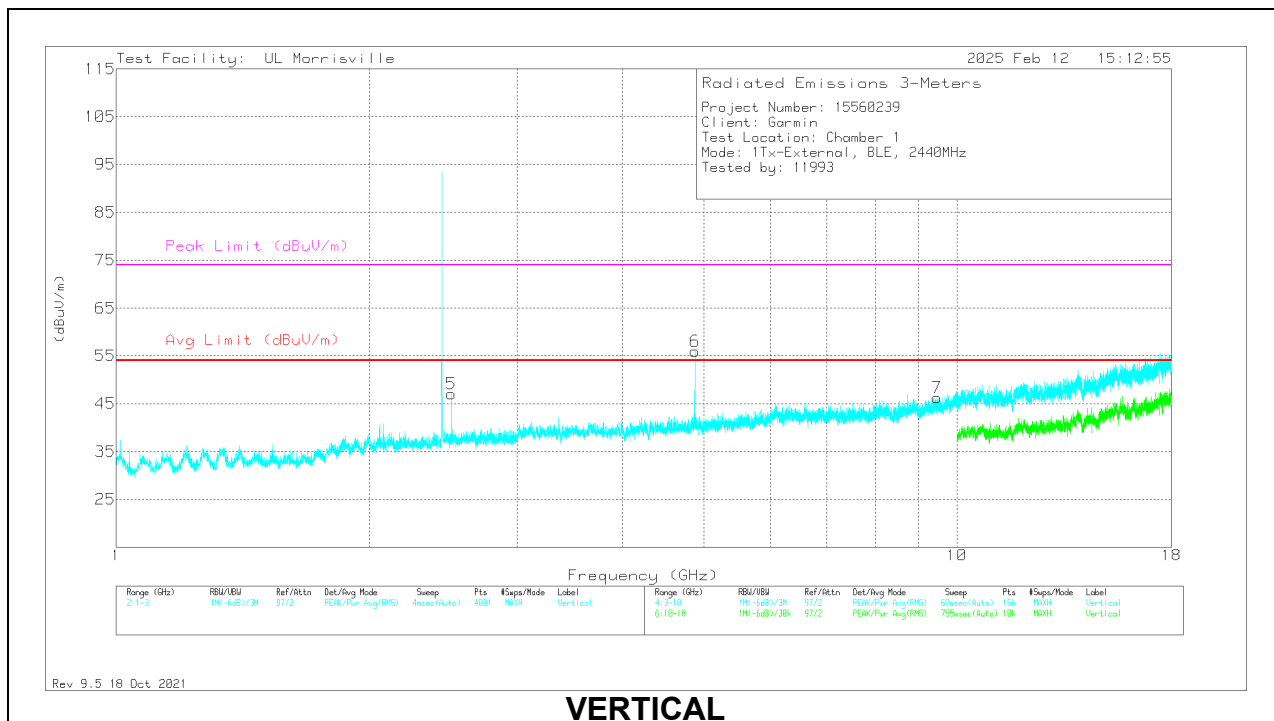
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.376	39.57	Pk	31.9	-24.3	0	47.17	54	-6.83	74	-26.83	0-360	200	H
3	* 4.88066	65.91	PK2	34	-44.7	0	55.21	-	-	74	-18.79	92	299	H
	* 4.88066	65.91	PK2	34	-44.7	-3.94	51.27	54	-2.73	-	-	92	299	H
4	* 9.41625	50.2	Pk	36.3	-39.6	0	46.9	54	-7.1	74	-27.1	0-360	101	H
6	* 4.88063	67.72	PK2	34	-44.7	0	57.02	-	-	74	-16.98	157	199	V
	* 4.88063	67.72	PK2	34	-44.7	-3.94	53.08	54	-92	-	-	157	199	V
7	* 9.46875	50.76	Pk	36.4	-40.9	0	46.26	54	-7.74	74	-27.74	0-360	101	V
5	2.50425	38.59	Pk	32.3	-23.8	0	47.09	-	-	-	-	0-360	200	V
2	2.5045	46.05	Pk	32.3	-23.8	0	54.55	-	-	-	-	0-360	101	H

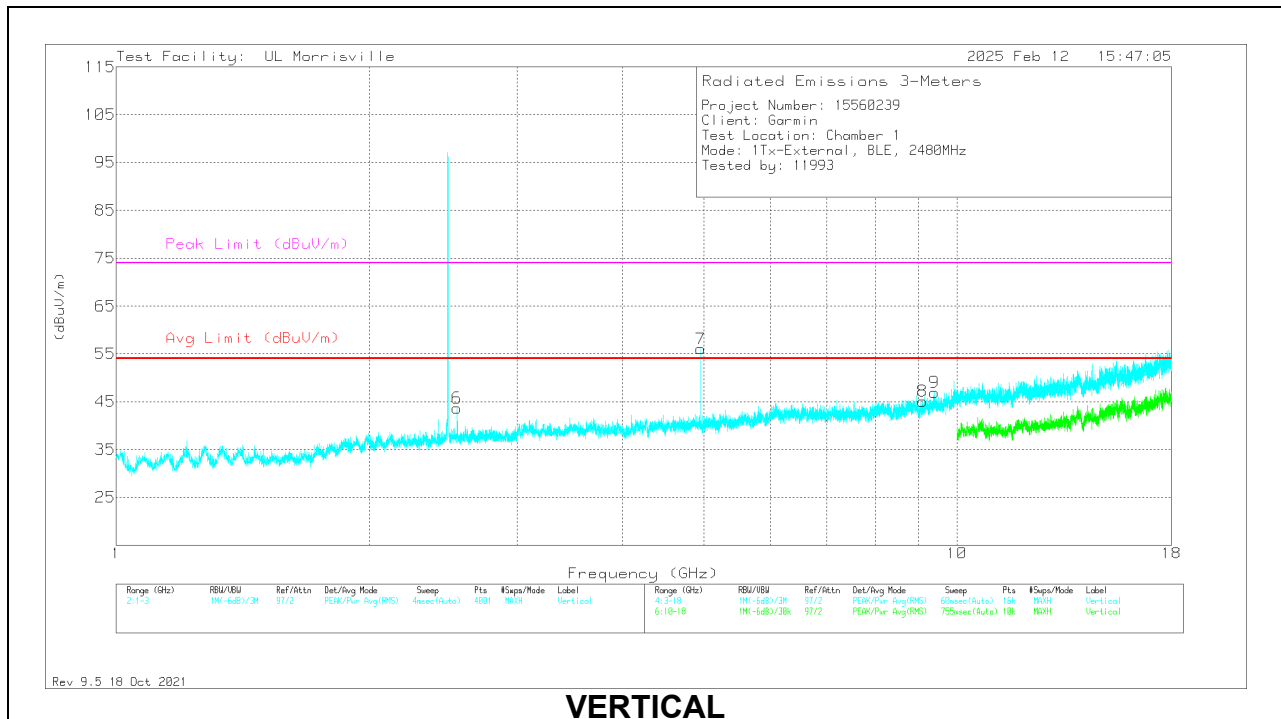
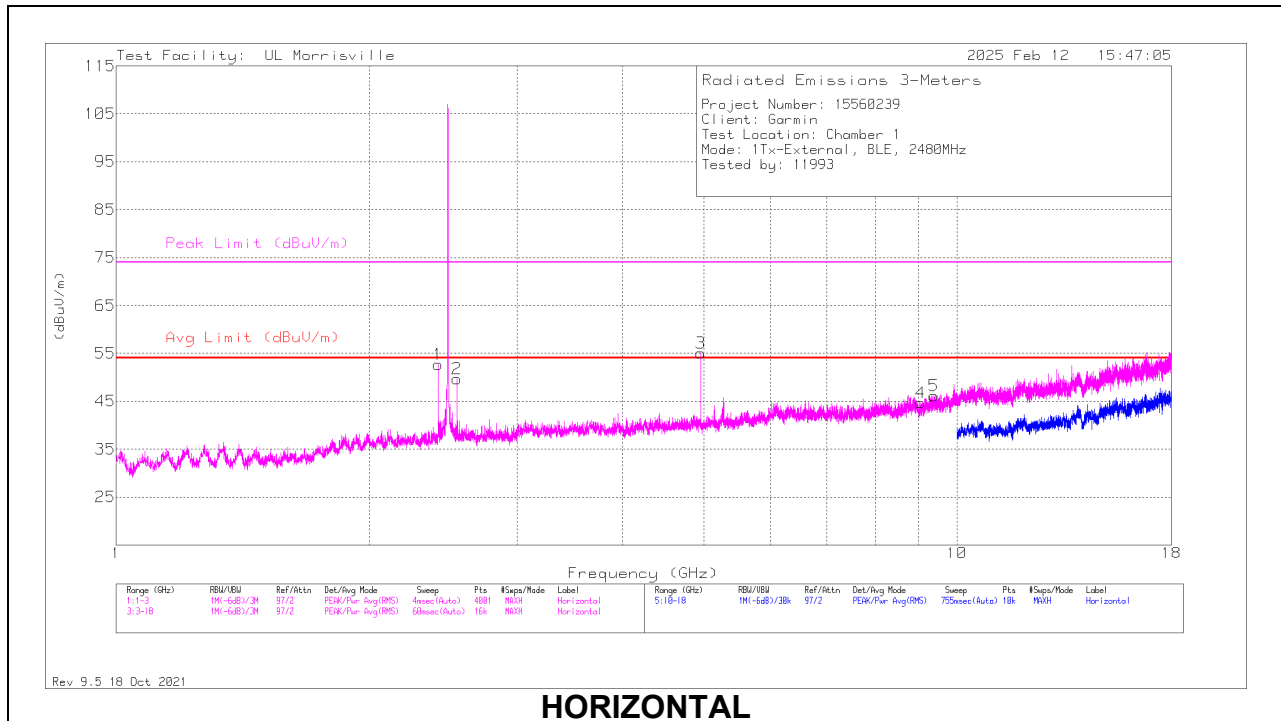
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* 4.9607	68.45	PK2	34.2	-44.9	0	57.75	-	-	74	-16.25	75	252	H
	* 4.9607	68.45	PK2	34.2	-44.9	-3.94	53.81	54	-19	-	-	75	252	H
4	* 9.05063	49.05	Pk	35.8	-40.2	0	44.65	54	-9.35	74	-29.35	0-360	101	H
5	* 9.38344	50.43	Pk	36.2	-40.5	0	46.13	54	-7.87	74	-27.87	0-360	199	H
7	* 4.95961	68.38	PK2	34.2	-44.8	0	57.78	-	-	74	-16.22	147	129	V
	* 4.95961	68.38	PK2	34.2	-44.8	-3.94	53.84	54	-16	-	-	147	129	V
8	* 9.10125	49.36	Pk	35.9	-40.2	0	45.06	54	-8.94	74	-28.94	0-360	200	V
9	* 9.41344	50.67	Pk	36.3	-40	0	46.97	54	-7.03	74	-27.03	0-360	101	V
1	2.416	44.92	Pk	32	-24.2	0	52.72	-	-	-	-	0-360	101	H
2	2.5445	41.57	Pk	32.3	-24.2	0	49.67	-	-	-	-	0-360	101	H
6	2.5445	35.61	Pk	32.3	-24.2	0	43.71	-	-	-	-	0-360	200	V

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

Pk - Peak detector

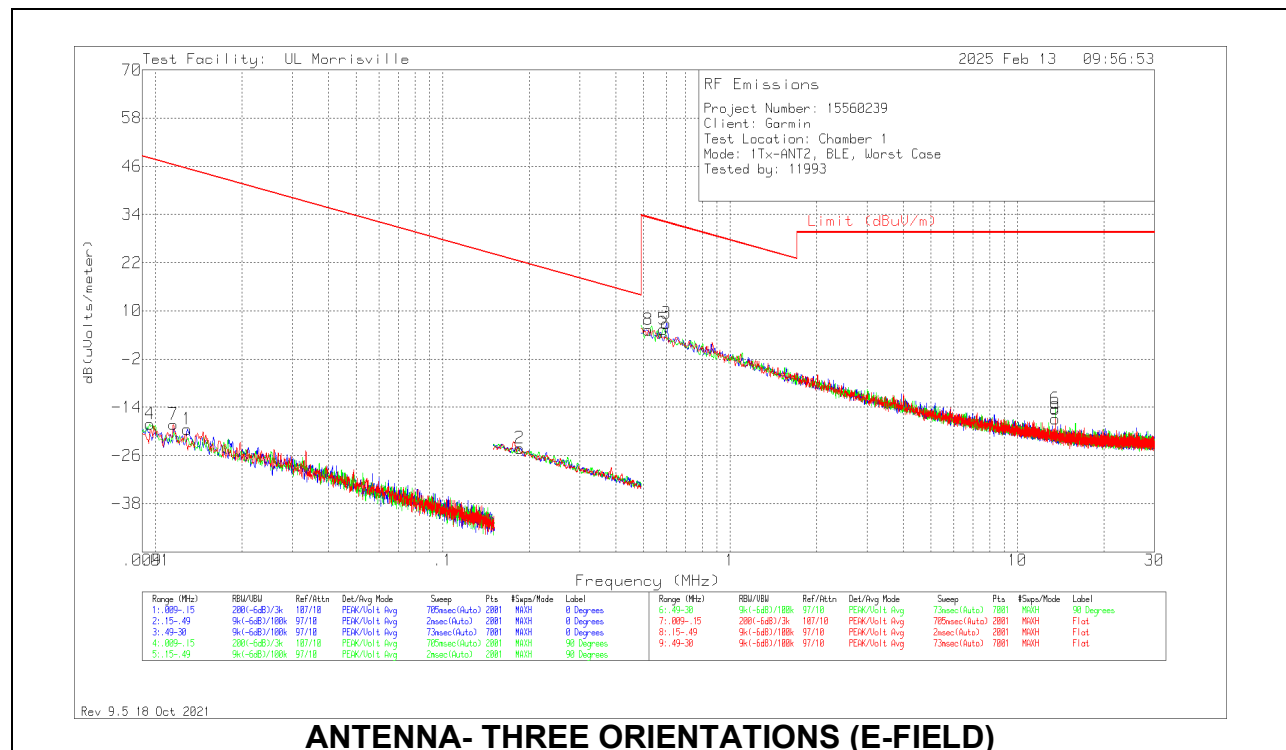
PK2 - Maximum Peak

Note: AV measurements are calculated as PK + DCCF as declared by manufacturer.

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).

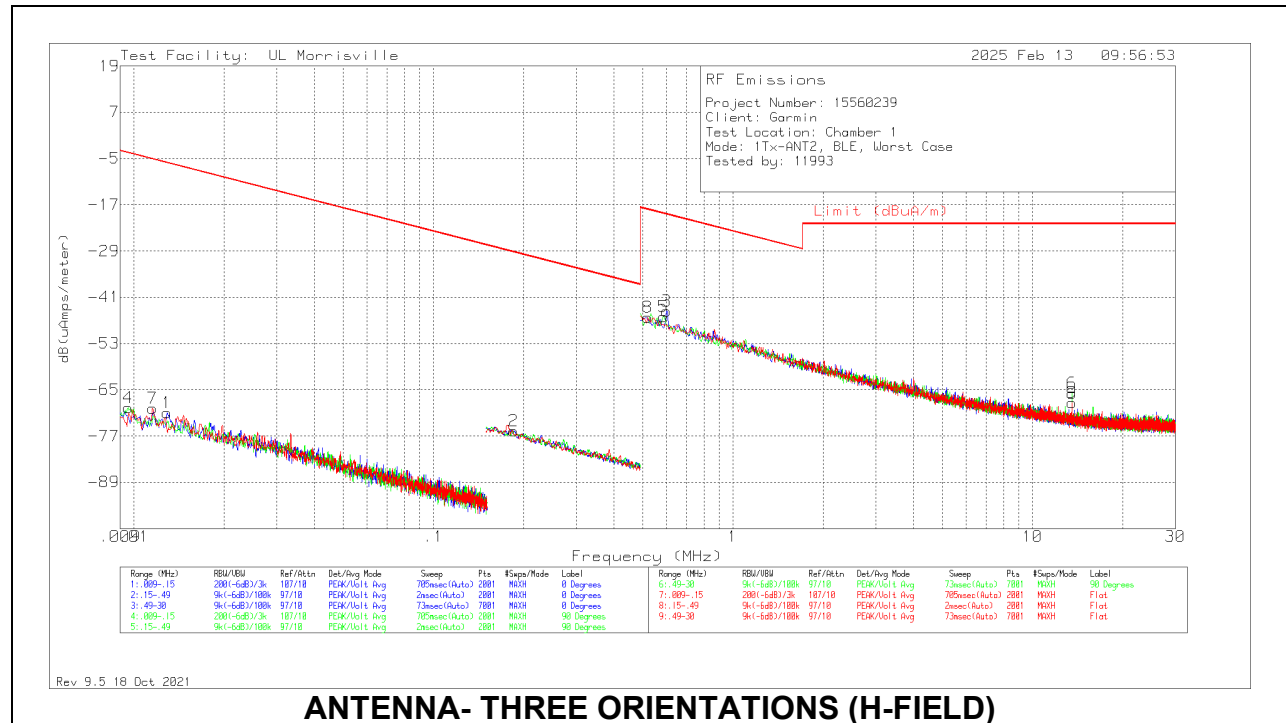
10.3.1. Antenna 2



Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00957	43.17	Pk	18.6	.1	-80	-18.13	47.99	67.99	-66.12	0-360	90 degs
7	.01156	44.15	Pk	17.5	.1	-80	-18.25	46.35	66.35	-64.6	0-360	Flat
1	.01291	43.42	Pk	17	.1	-80	-19.48	45.39	65.39	-64.87	0-360	0 degs
2	.18519	44.74	Pk	11	.1	-80	-24.16	22.25	42.25	-46.41	0-360	0 degs
8	.51951	34.22	Pk	11	.1	-40	5.32	33.29	-	-27.97	0-360	Flat
5	.58697	34.29	Pk	11	.1	-40	5.39	32.23	-	-26.84	0-360	90 degs
3	.59962	35.79	Pk	11	.1	-40	6.89	32.05	-	-25.16	0-360	0 degs
6	13.5596	15.18	Pk	9.8	.6	-40	-14.42	29.54	-	-43.96	0-360	90 degs
9	13.5596	12.77	Pk	9.8	.6	-40	-16.83	29.54	-	-46.37	0-360	Flat

Pk - Peak detector

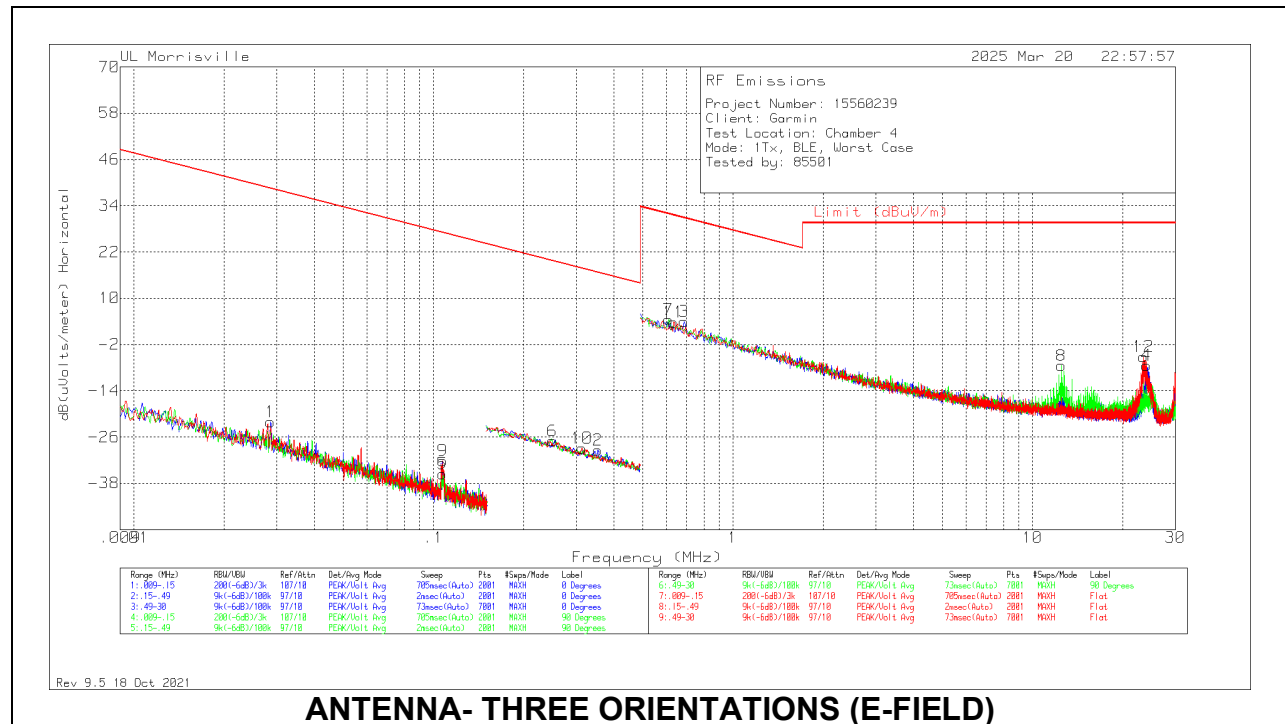


Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00957	43.17	Pk	-32.9	.1	-80	-69.63	-3.51	16.49	-66.12	0-360	90 degs
7	.01156	44.15	Pk	-34	.1	-80	-69.75	-5.15	14.85	-64.6	0-360	Flat
1	.01291	43.42	Pk	-34.5	.1	-80	-70.98	-6.11	13.89	-64.87	0-360	0 degs
2	.18519	44.74	Pk	-40.5	.1	-80	-75.66	-29.25	-9.25	-46.41	0-360	0 degs
8	.51951	34.22	Pk	-40.5	.1	-40	-46.18	-18.21	-	-27.97	0-360	Flat
5	.58697	34.29	Pk	-40.5	.1	-40	-46.11	-19.27	-	-26.84	0-360	90 degs
3	.59962	35.79	Pk	-40.5	.1	-40	-44.61	-19.45	-	-25.16	0-360	0 degs
6	13.5596	15.18	Pk	-41.7	.6	-40	-65.92	-21.96	-	-43.96	0-360	90 degs
9	13.5596	12.77	Pk	-41.7	.6	-40	-68.33	-21.96	-	-46.37	0-360	Flat

Pk - Peak detector

10.3.2. External Antenna

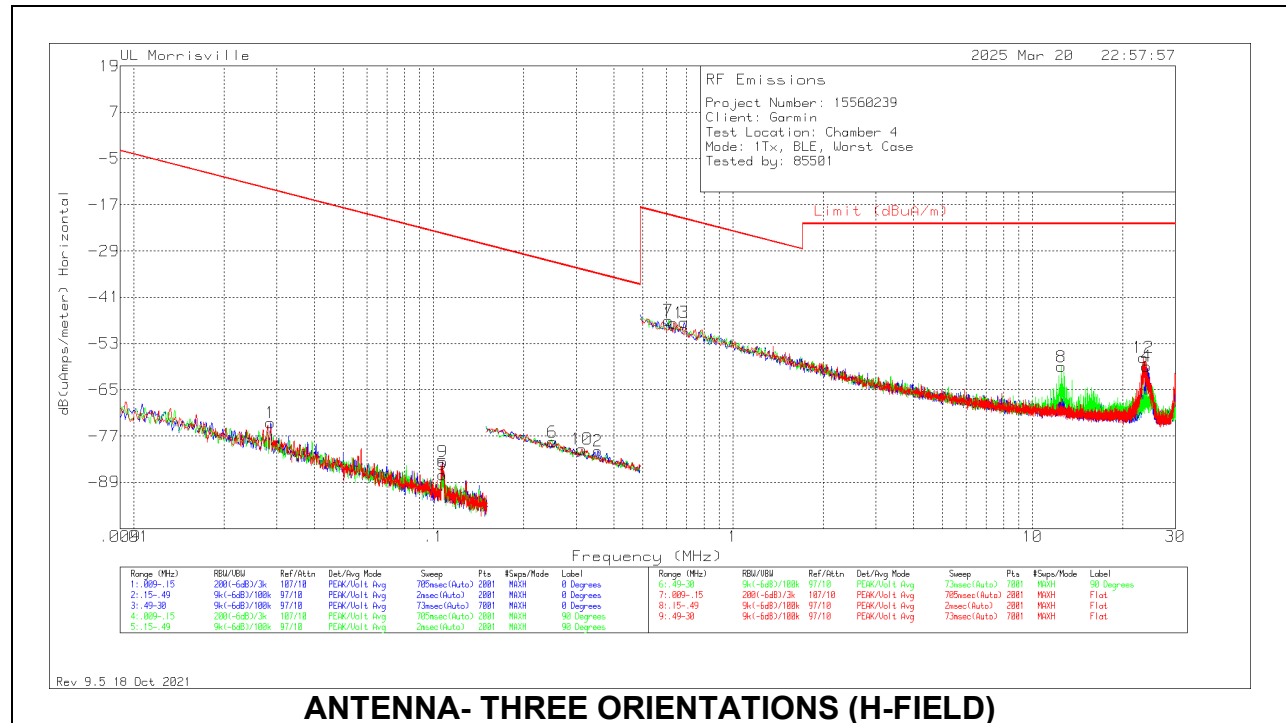


ANTENNA- THREE ORIENTATIONS (E-FIELD)

Below 30MHz Data

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0286	44.62	Pk	13.2	.1	-80	-22.08	38.48	58.48	-60.56	0-360	0 degs
5	.10719	34.14	Pk	10.2	.1	-80	-35.56	27	-	-62.56	0-360	90 degs
9	.10762	37.55	Pk	10.2	.1	-80	-32.15	26.97	-	-59.12	0-360	Flat
6	.24911	42.78	Pk	10.1	.1	-80	-27.02	19.68	39.68	-46.7	0-360	90 degs
10	.31312	40.96	Pk	10	.1	-80	-28.94	17.69	37.69	-46.63	0-360	Flat
2	.354	40.47	Pk	10	.1	-80	-29.43	16.62	36.62	-46.05	0-360	0 degs
7	.60805	34.22	Pk	10.2	.1	-40	4.52	31.93	-	-27.41	0-360	90 degs
11	.63334	33.52	Pk	10.2	.1	-40	3.82	31.57	-	-27.75	0-360	Flat
3	.68815	33.63	Pk	10.2	.2	-40	4.03	30.85	-	-26.82	0-360	0 degs
8	12.49717	21.4	Pk	10.6	.5	-40	-7.5	29.54	-	-37.04	0-360	90 degs
12	23.49671	24.75	Pk	9.5	.6	-40	-5.15	29.54	-	-34.69	0-360	Flat
4	23.99842	22.61	Pk	9.4	.6	-40	-7.39	29.54	-	-36.93	0-360	0 degs

Pk - Peak detector



ANTENNA- THREE ORIENTATIONS (H-FIELD)

Below 30MHz Data

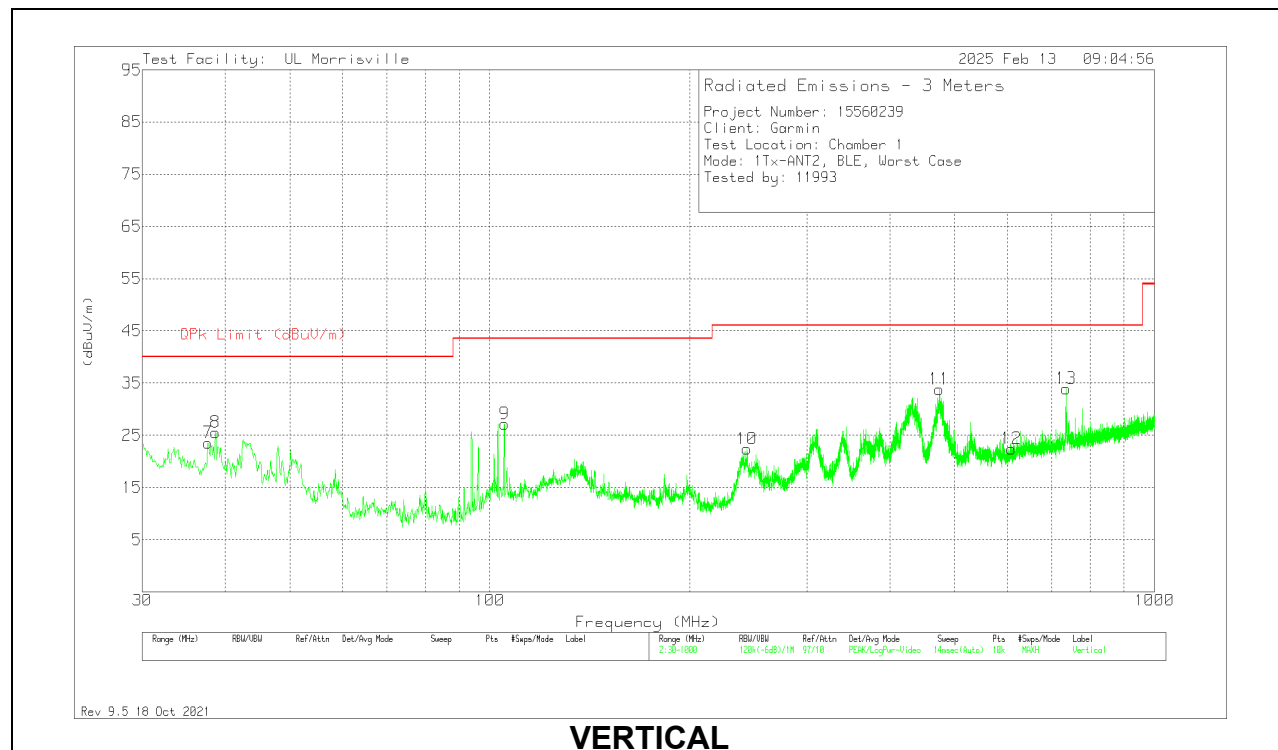
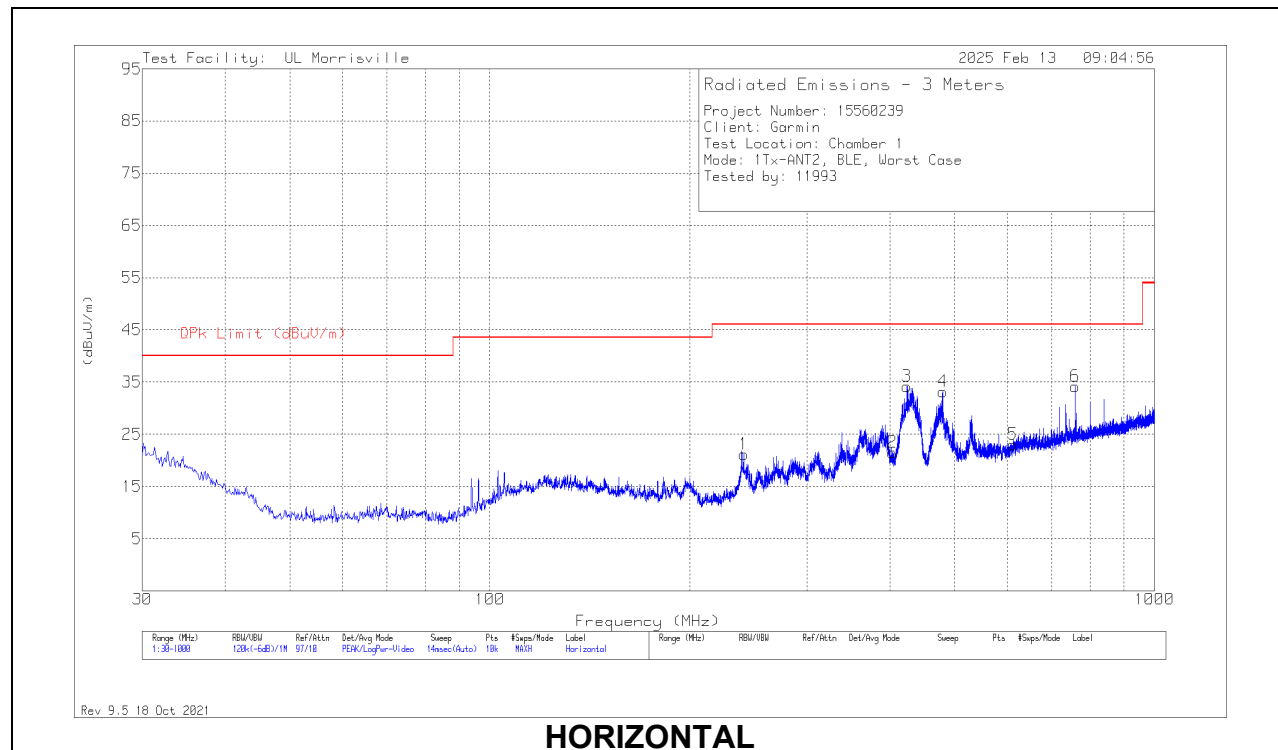
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	65682 (dBuV/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.0286	44.62	Pk	-38.3	.1	-80	-73.58	-13.02	6.98	-60.56	0-360	0 degs
5	.10719	34.14	Pk	-41.3	.1	-80	-87.06	-24.5	-	-62.56	0-360	90 degs
9	.10762	37.55	Pk	-41.3	.1	-80	-83.65	-24.53	-	-59.12	0-360	Flat
6	.24911	42.78	Pk	-41.4	.1	-80	-78.52	-31.82	-11.82	-46.7	0-360	90 degs
10	.31312	40.96	Pk	-41.5	.1	-80	-80.44	-33.81	-13.81	-46.63	0-360	Flat
2	.354	40.47	Pk	-41.5	.1	-80	-80.93	-34.88	-14.88	-46.05	0-360	0 degs
7	.60805	34.22	Pk	-41.3	.1	-40	-46.98	-19.57	-	-27.41	0-360	90 degs
11	.63334	33.52	Pk	-41.3	.1	-40	-47.68	-19.93	-	-27.75	0-360	Flat
3	.68815	33.63	Pk	-41.3	.2	-40	-47.47	-20.65	-	-26.82	0-360	0 degs
8	12.49717	21.4	Pk	-40.9	.5	-40	-59	-21.96	-	-37.04	0-360	90 degs
12	23.49671	24.75	Pk	-42	.6	-40	-56.65	-21.96	-	-34.69	0-360	Flat
4	23.99842	22.61	Pk	-42.1	.6	-40	-58.89	-21.96	-	-36.93	0-360	0 degs

Pk - Peak detector

10.4. WORST CASE BELOW 1 GHZ

10.4.1. Antenna 2

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



Below 1GHz Data

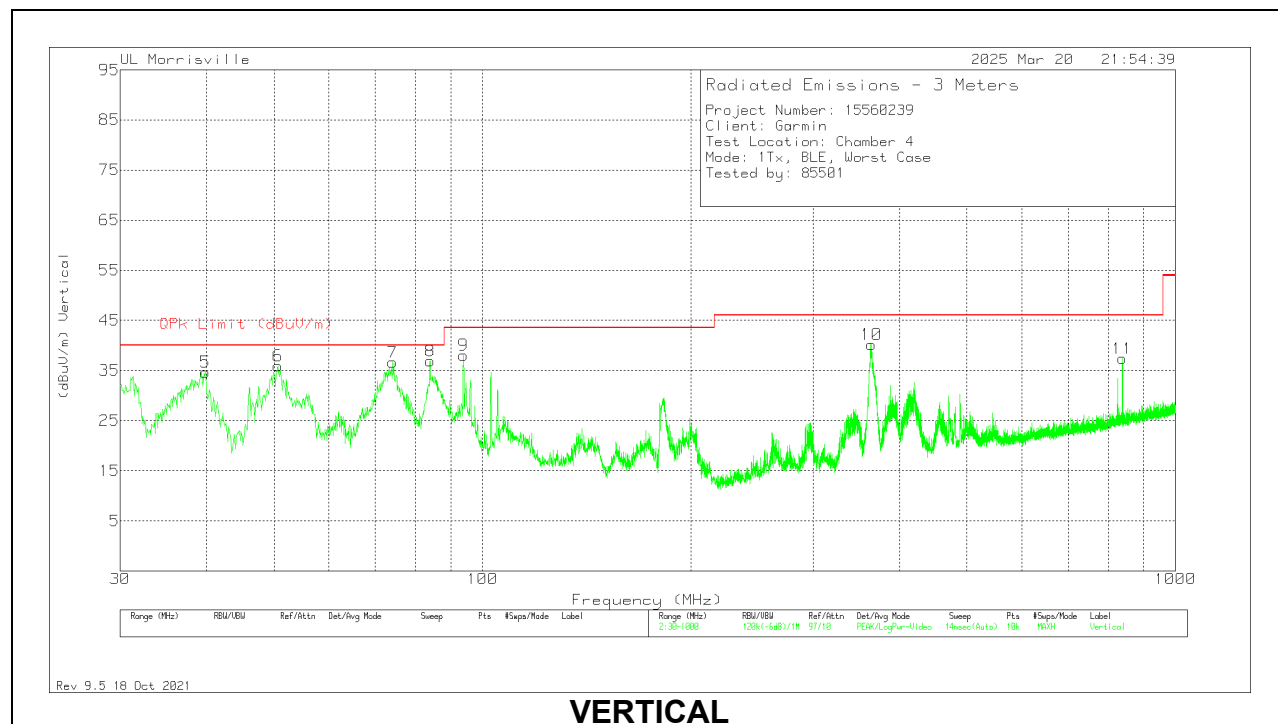
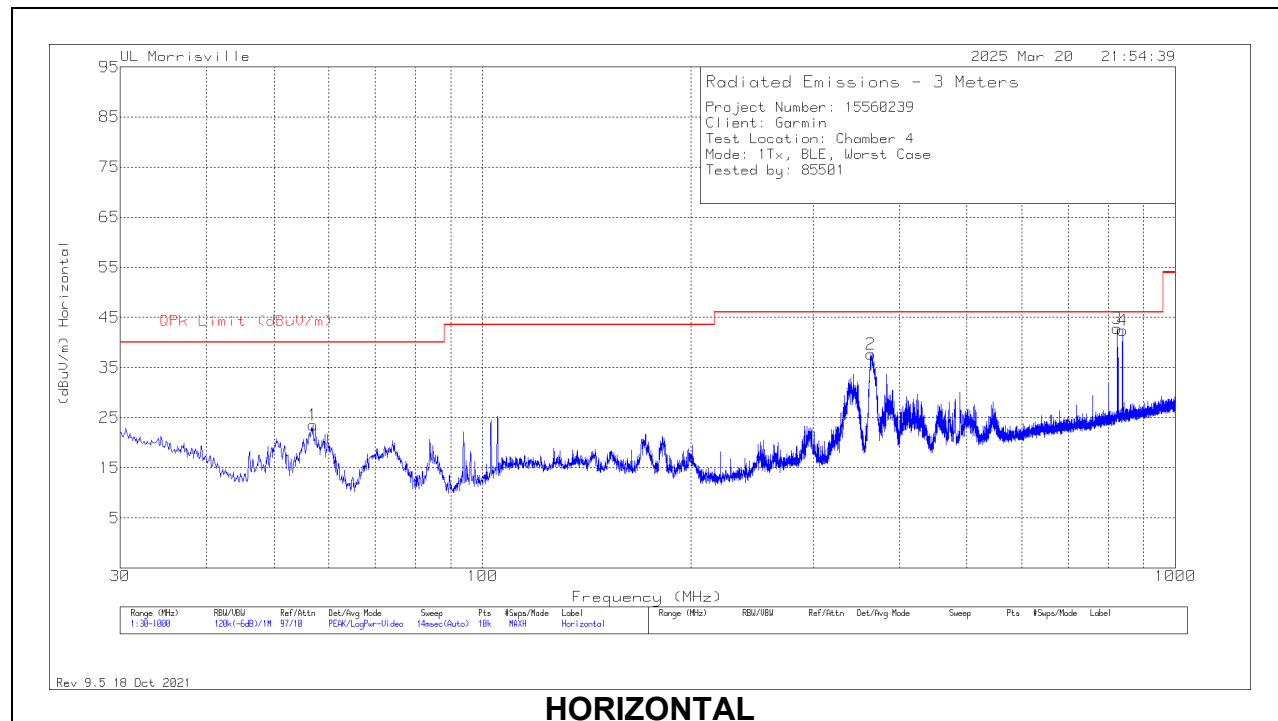
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 240.878	32.95	Pk	17.7	-29.5	21.15	46.02	-24.87	0-360	200	H
2	* 403.547	28.97	Pk	21.6	-29	21.57	46.02	-24.45	0-360	100	H
5	* 612.291	26.32	Pk	25.1	-28.4	23.02	46.02	-23	0-360	100	H
7	* 37.663	33.94	Pk	21.5	-31.9	23.54	40	-16.46	0-360	100	V
10	* 243.788	34.55	Pk	17.7	-29.9	22.35	46.02	-23.67	0-360	100	V
12	* 609.09	25.73	Pk	24.9	-28.2	22.43	46.02	-23.59	0-360	100	V
8	38.633	36.29	Pk	20.8	-31.6	25.49	-	-	0-360	100	V
9	105.175	39.78	Pk	18.1	-30.7	27.18	-	-	0-360	100	V
3	424.111	40.17	Pk	22.4	-28.4	34.17	-	-	0-360	200	H
11	474.842	38.63	Pk	23.9	-28.7	33.83	-	-	0-360	100	V
4	479.983	37.66	Pk	24	-28.5	33.16	-	-	0-360	100	H
13	735.578	34.78	Pk	26.9	-27.8	33.88	-	-	0-360	100	V
6	760.022	34.97	Pk	27.2	-28	34.17	-	-	0-360	100	H

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

Pk - Peak detector

10.4.2. External Antenna

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
5	40.0075	41.84	Qp	20	-31.9	29.94	40	-10.06	218	102	V
6	50.7066	52.11	Qp	14	-31.8	34.31	40	-5.69	152	103	V
1	56.966	41.74	Pk	13.6	-31.8	23.54	40	-16.46	0-360	300	H
7	74.1658	50.46	Qp	14.2	-31.6	33.06	40	-6.94	62	117	V
8	83.9763	51.48	Qp	13.5	-31.6	33.38	40	-6.62	0	109	V
9	93.8607	57.11	Qp	14.9	-31.4	40.61	43.52	-2.91	1	107	V
2	363.583	46.61	Pk	21	-29.9	37.71	46.02	-8.31	0-360	100	H
10	363.992	45.81	Qp	21	-29.9	36.91	46.02	-9.11	216	106	V
3	824.7629	32.98	Qp	27.6	-28	32.58	46.02	-13.44	357	158	H
11	838.495	37.47	Pk	27.7	-27.8	37.37	46.02	-8.65	0-360	100	V
4	838.5364	20.45	Qp	27.7	-27.8	20.35	46.02	-25.67	171	203	H

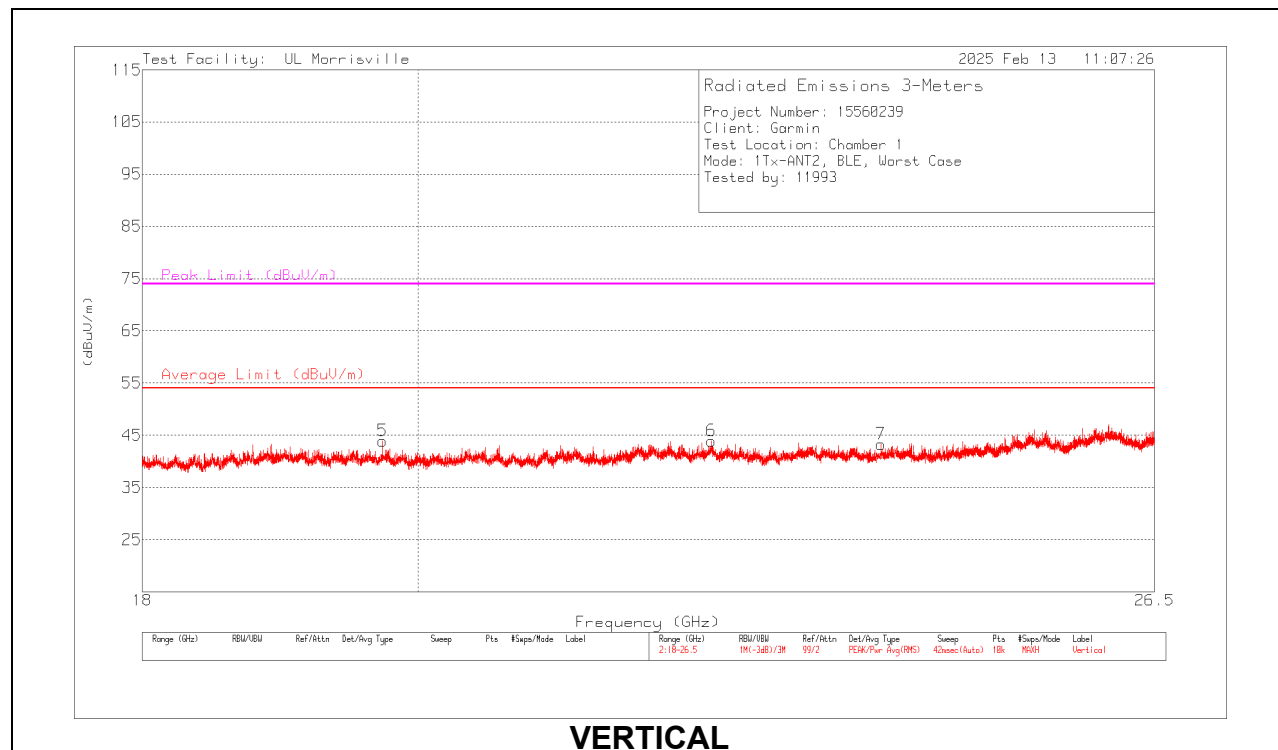
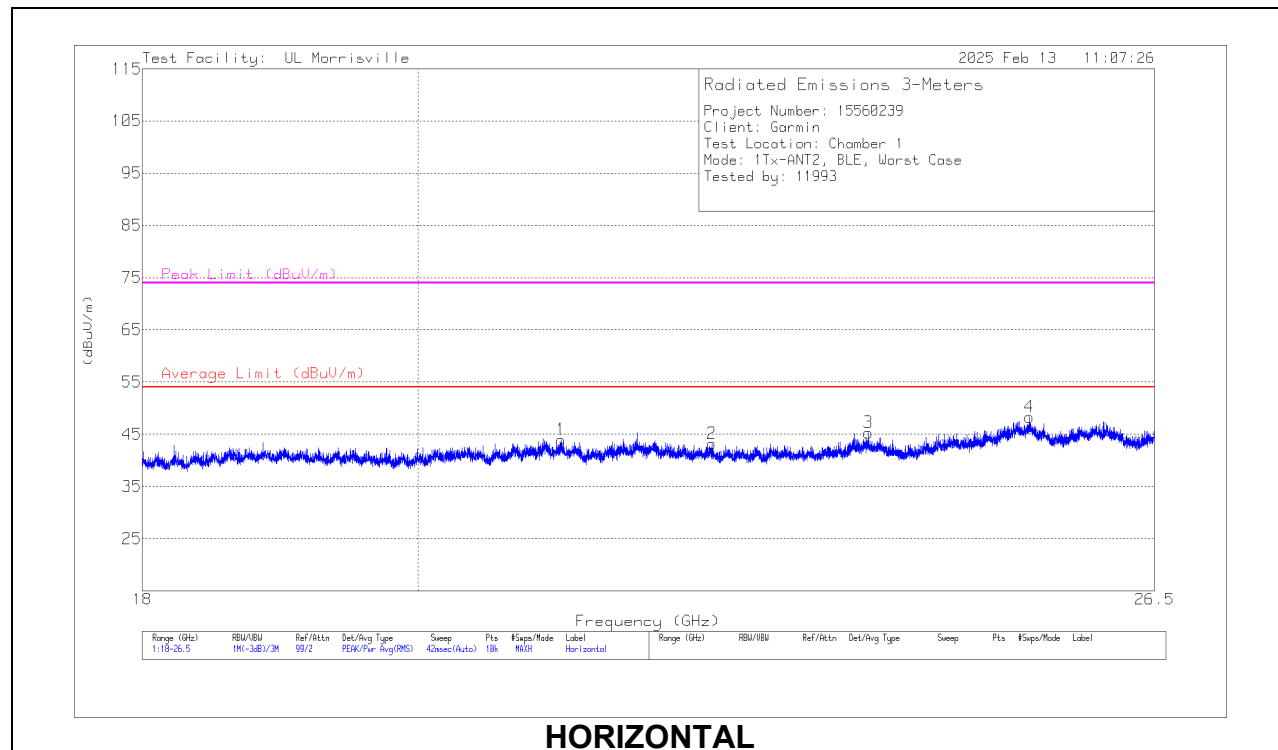
Pk - Peak detector

Qp - Quasi-Peak detector

10.5. WORST CASE 18-26 GHZ

10.5.1. Antenna 2

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



18 – 26GHz Data

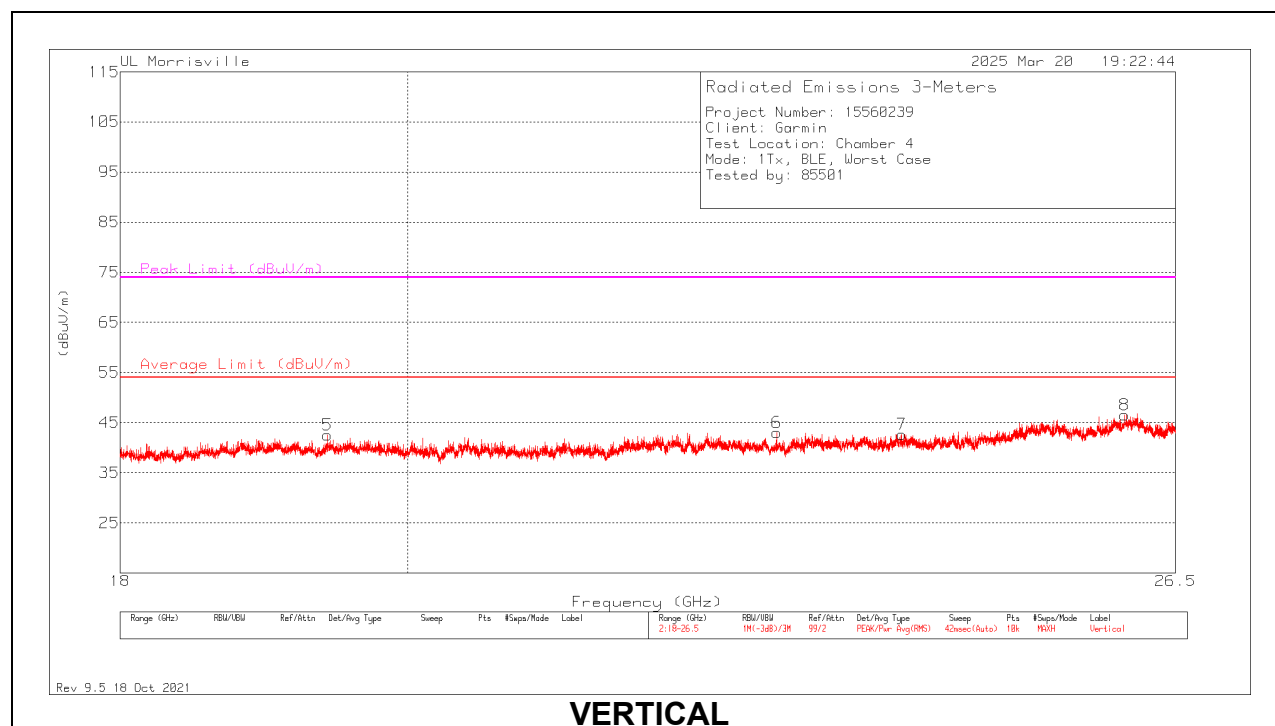
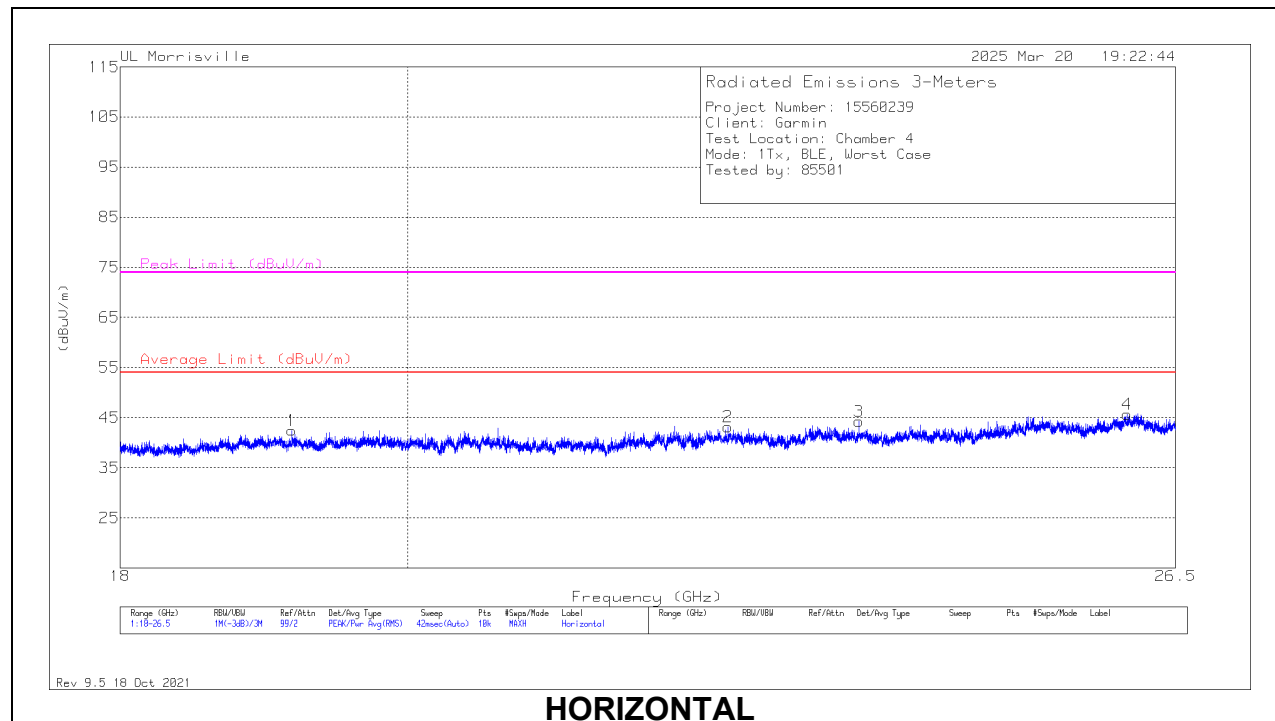
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 21.12429	50.24	Pk	33.7	-40	43.94	54	-10.06	74	-30.06	0-360	149	H
2	* 22.37536	49.29	Pk	34.1	-40.2	43.19	54	-10.81	74	-30.81	0-360	200	H
3	* 23.75307	50.76	Pk	34.4	-39.9	45.26	54	-8.74	74	-28.74	0-360	100	H
5	* 19.73213	50.92	Pk	33.2	-40.2	43.92	54	-10.08	74	-30.08	0-360	151	V
6	* 22.37196	49.98	Pk	34.1	-40.2	43.88	54	-10.12	74	-30.12	0-360	101	V
7	* 23.86951	48.83	Pk	34.4	-39.9	43.33	54	-10.67	74	-30.67	0-360	101	V
4	25.26082	51.7	Pk	35.7	-39.1	48.3	-	-	-	-	0-360	149	H

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

Pk - Peak detector

10.5.2. External Antenna

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



18 – 26GHz Data

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 19.16948	49.76	Pk	33.6	-40.9	42.46	54	-11.54	74	-31.54	0-360	100	H
2	* 22.49265	48.88	Pk	34.2	-39.9	43.18	54	-10.82	74	-30.82	0-360	100	H
5	* 19.41936	49.89	Pk	33.3	-40.7	42.49	54	-11.51	74	-31.51	0-360	150	V
6	* 22.89636	48.86	Pk	34.1	-39.9	43.06	54	-10.94	74	-30.94	0-360	300	V
7	* 23.9715	46.49	Pk	34.5	-38.3	42.69	54	-11.31	74	-31.31	0-360	250	V
3	23.59839	48.13	Pk	34.6	-38.5	44.23	54	-9.77	74	-29.77	0-360	100	H
8	26.0113	46.93	Pk	35.3	-35.7	46.53	54	-7.47	74	-27.47	0-360	300	V
4	26.03425	46.3	Pk	35.3	-35.9	45.7	54	-8.3	74	-28.3	0-360	200	H

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

Pk - Peak detector

11. SETUP PHOTOS

Please refer to R15560239-EP1 for setup photos

END OF TEST REPORT