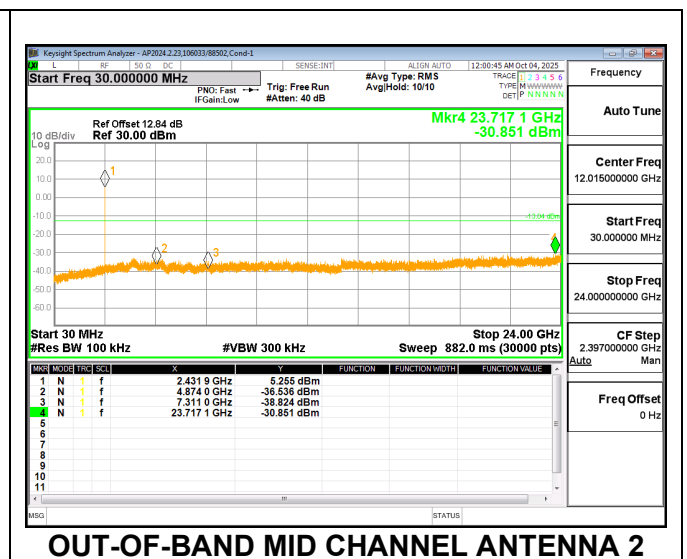
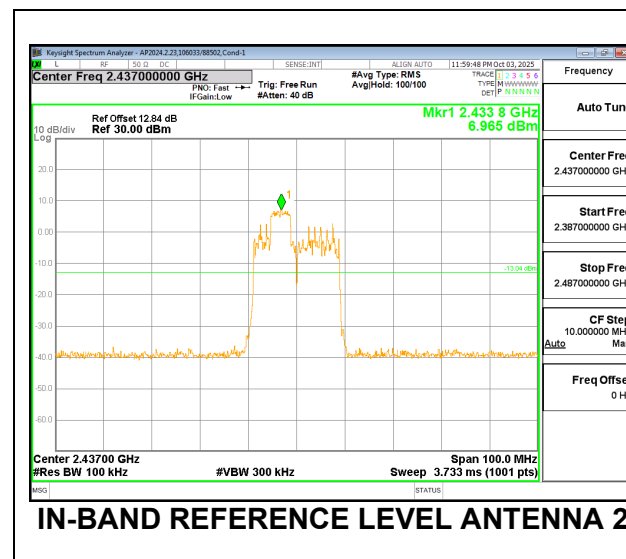
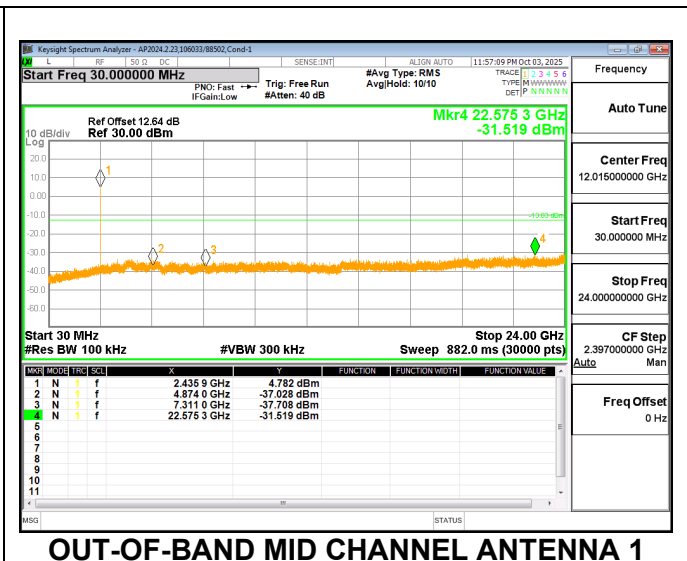
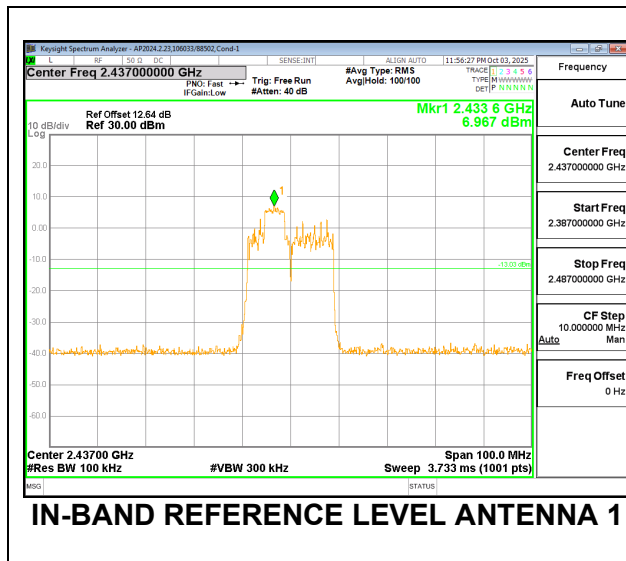


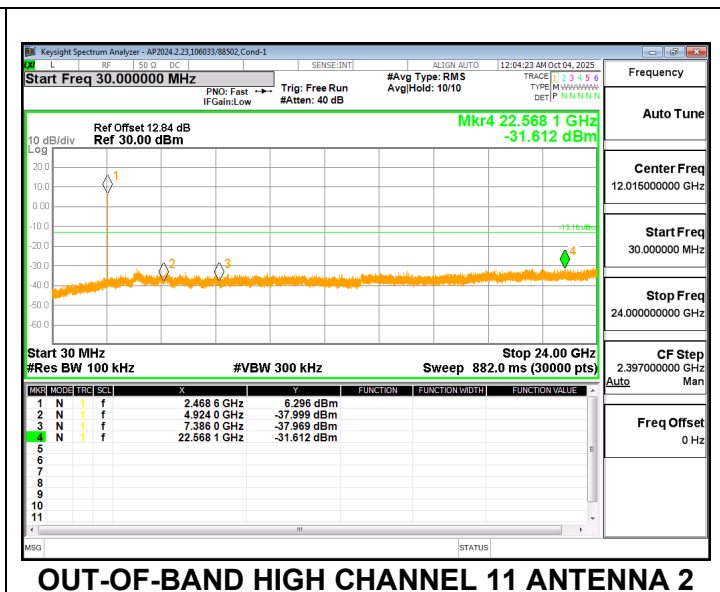
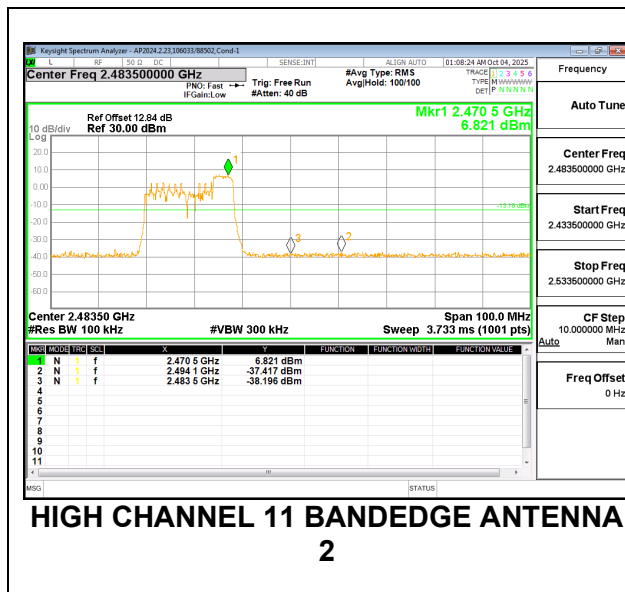
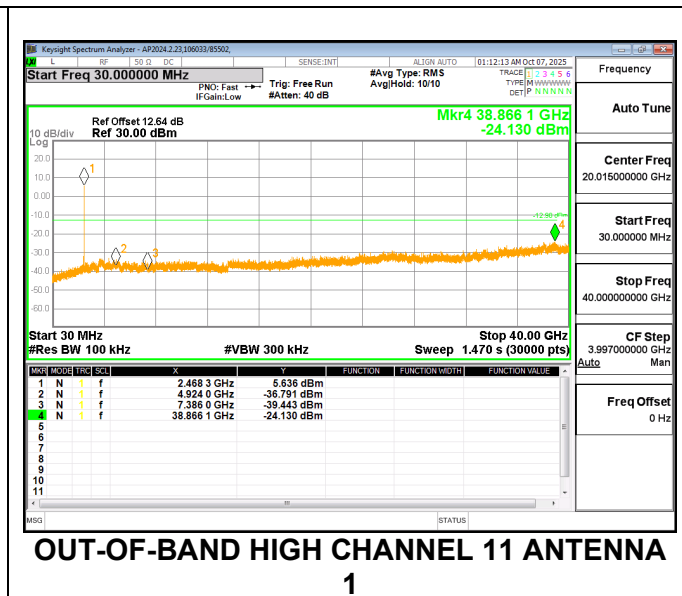
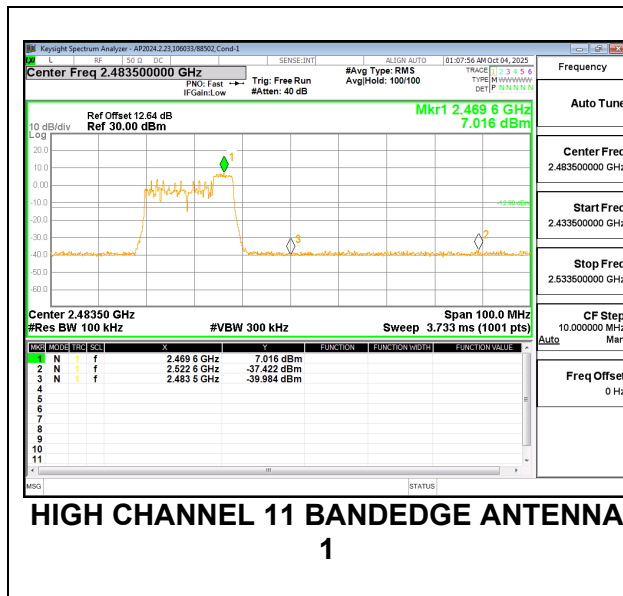
10.7.13. 802.11be EHT20 52T/38 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



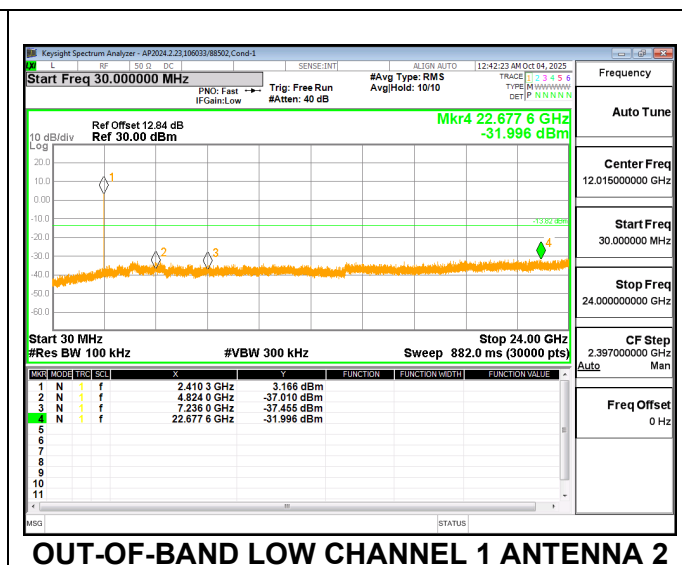
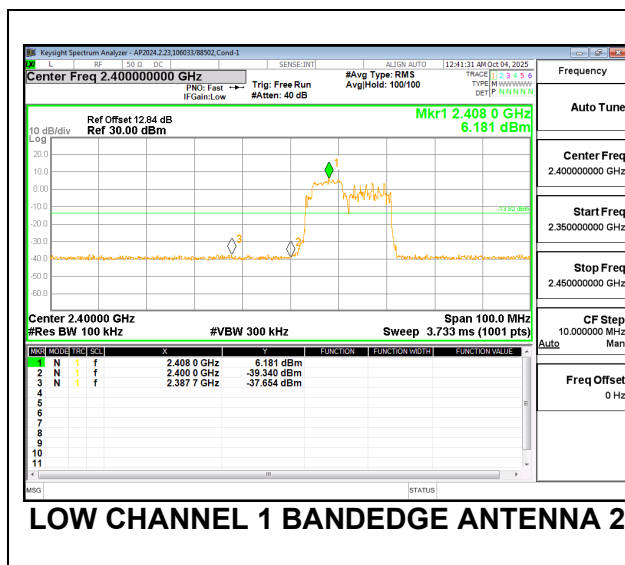
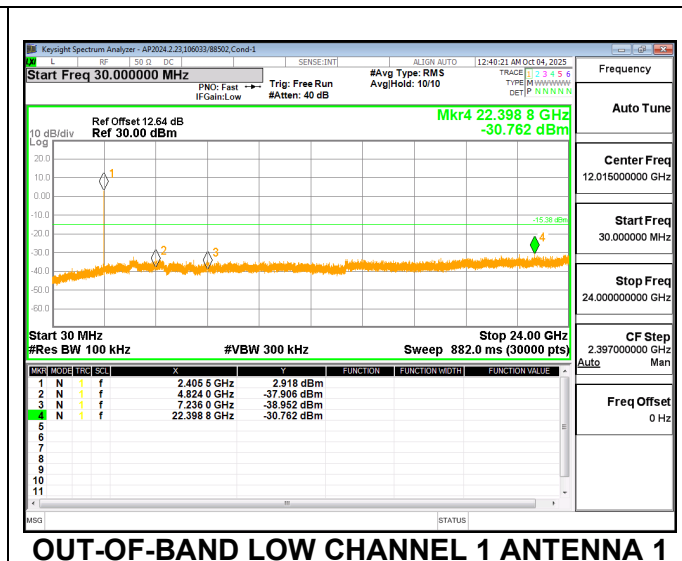
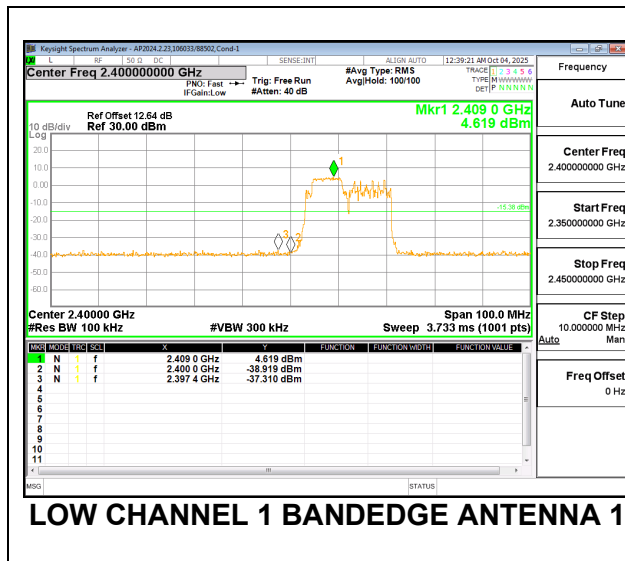
10.7.14. 802.11be EHT20 52T/40 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



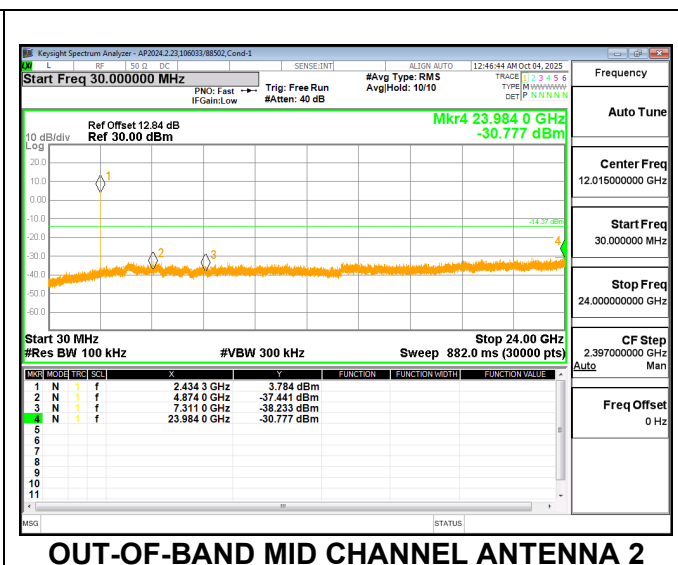
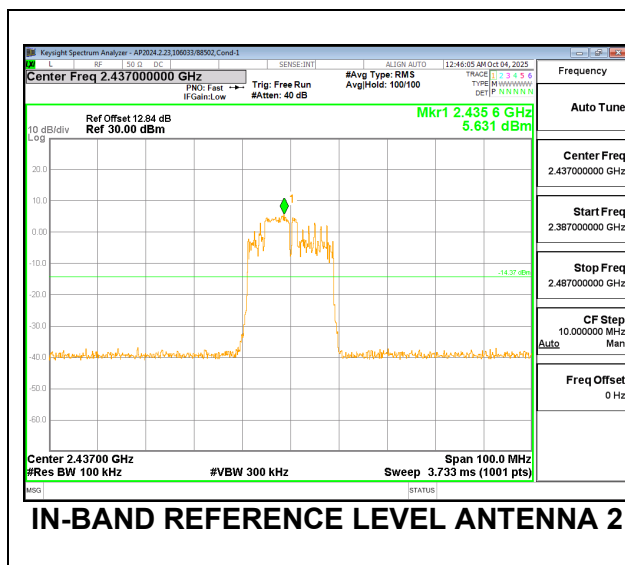
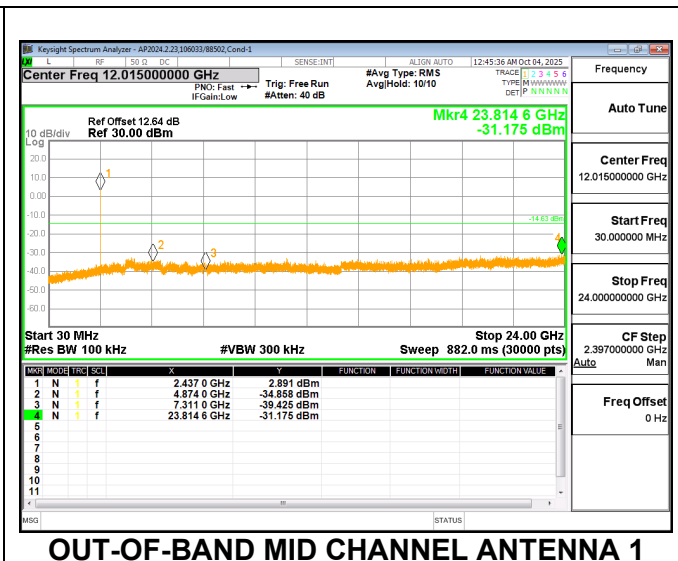
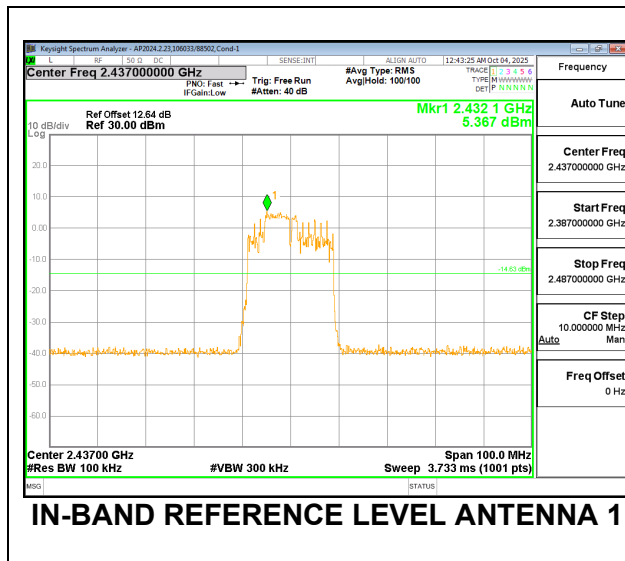
10.7.15. 802.11be EHT20 52T+26T/70 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



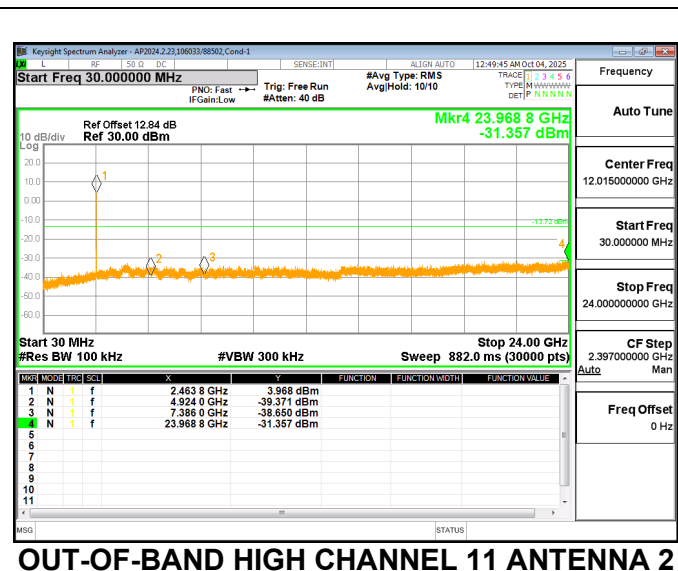
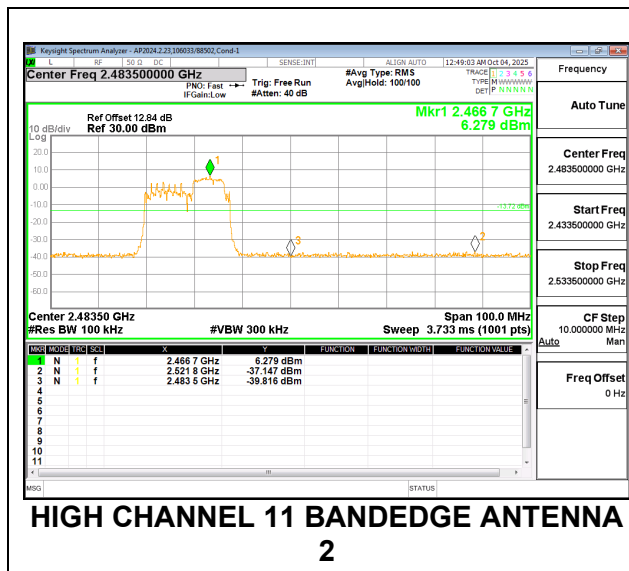
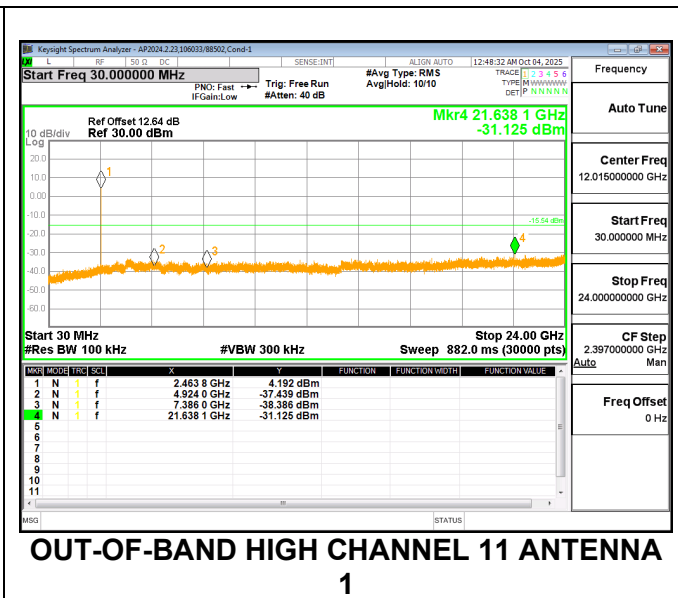
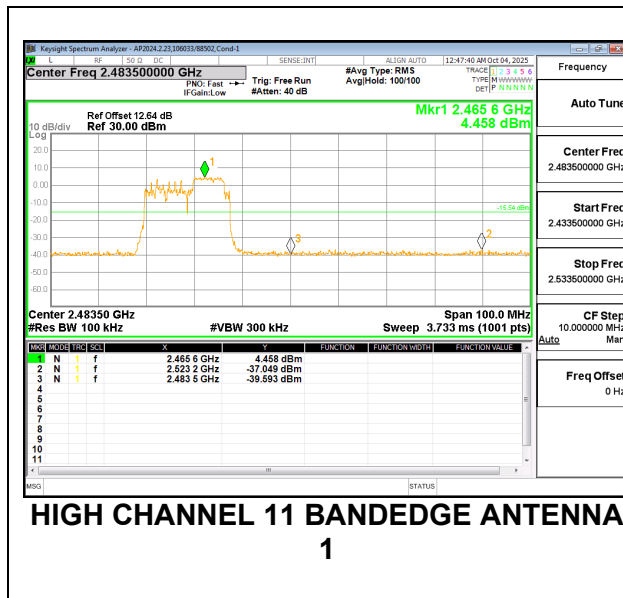
10.7.16. 802.11be EHT20 52T+26T/71 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



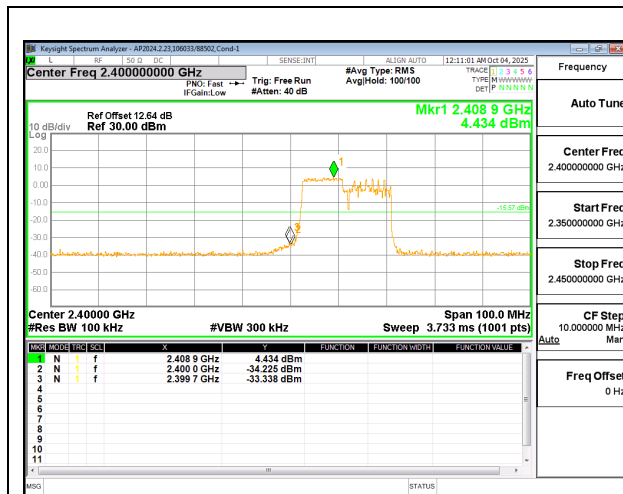
10.7.17. 802.11be EHT20 52T+26T/72 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

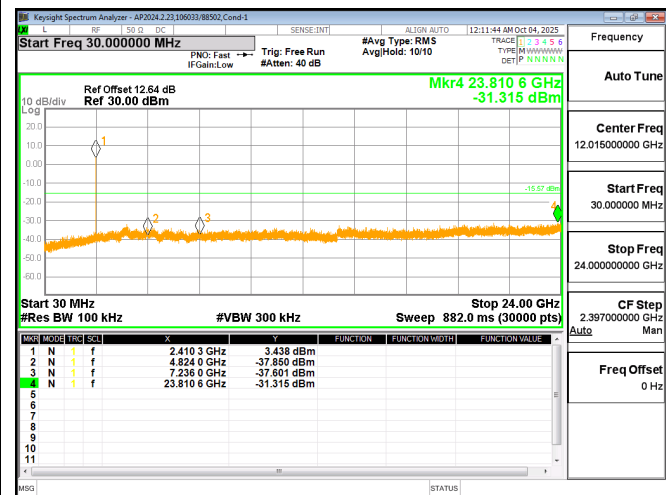


10.7.18. 802.11be EHT20 106T/53 MODE

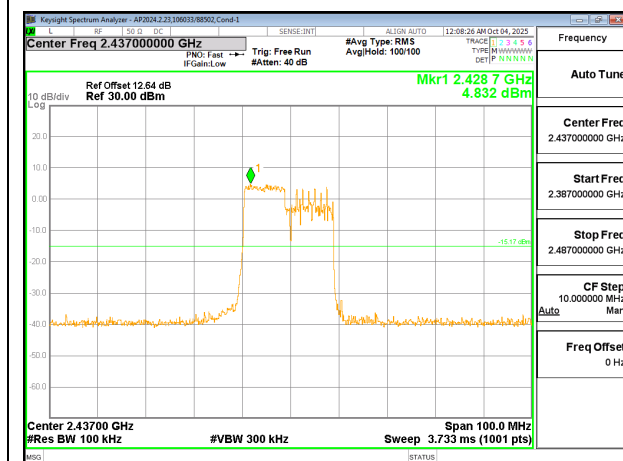
2TX Antenna 1 + Antenna 2 CDD MODE



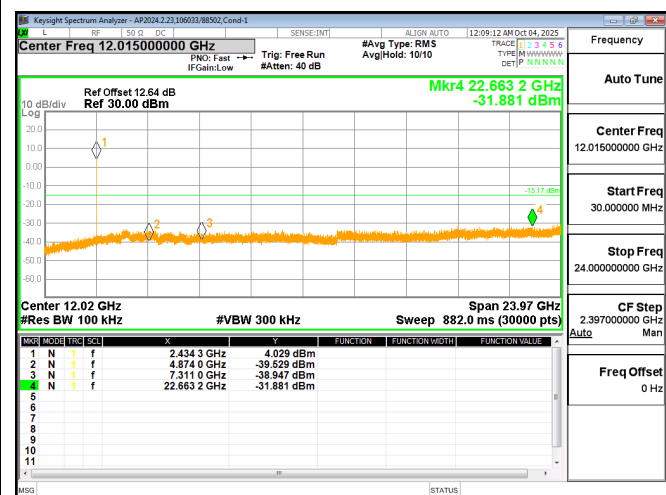
LOW CHANNEL 1 BANDEDGE ANTENNA 1



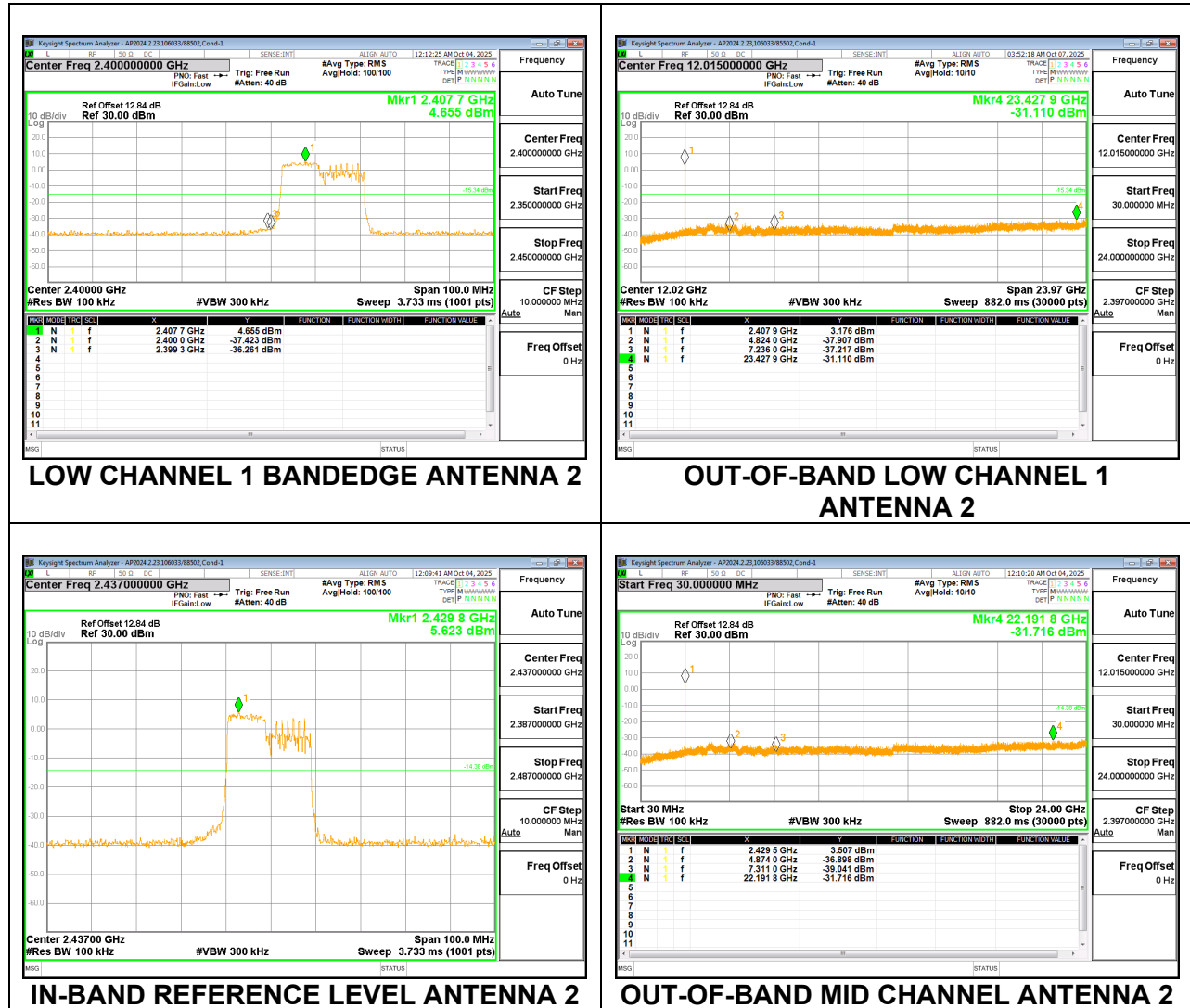
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



IN-BAND REFERENCE LEVEL ANTENNA 1

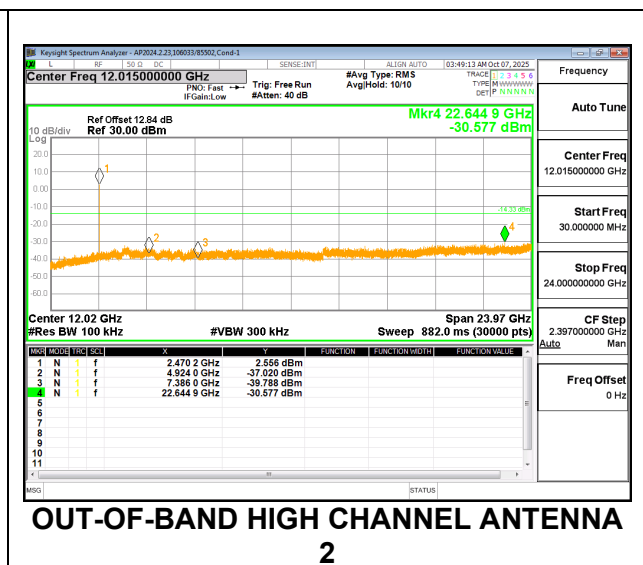
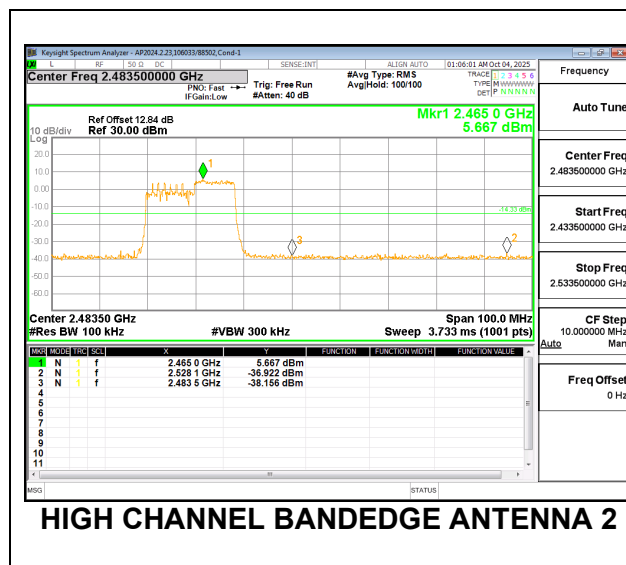
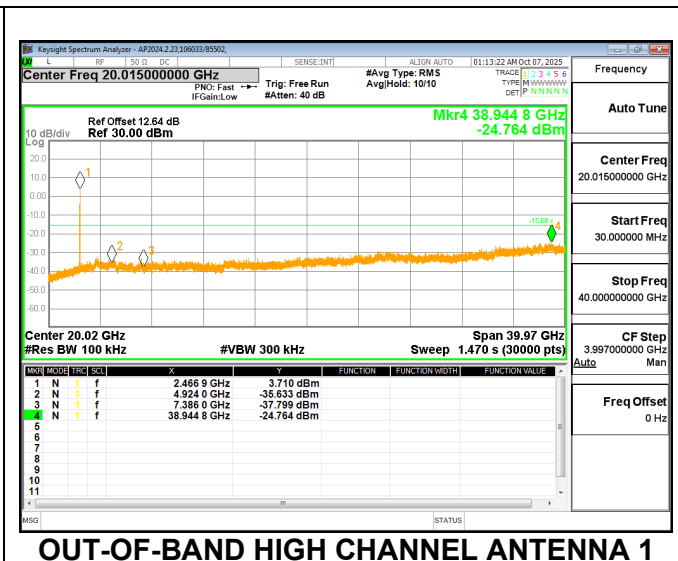
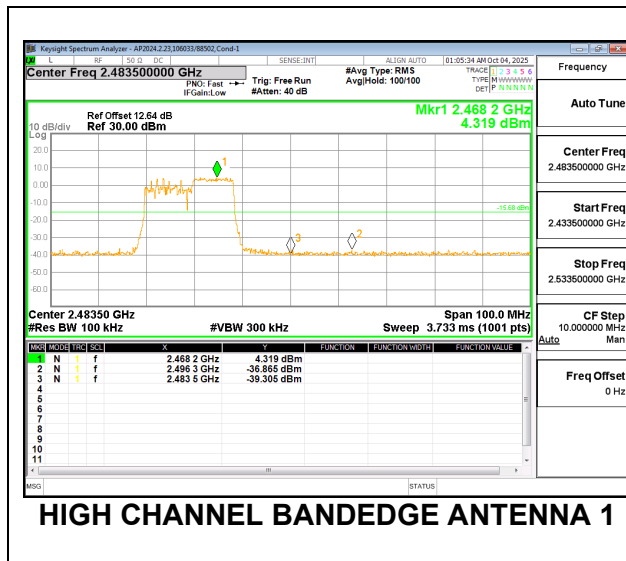


OUT-OF-BAND MID CHANNEL ANTENNA 1



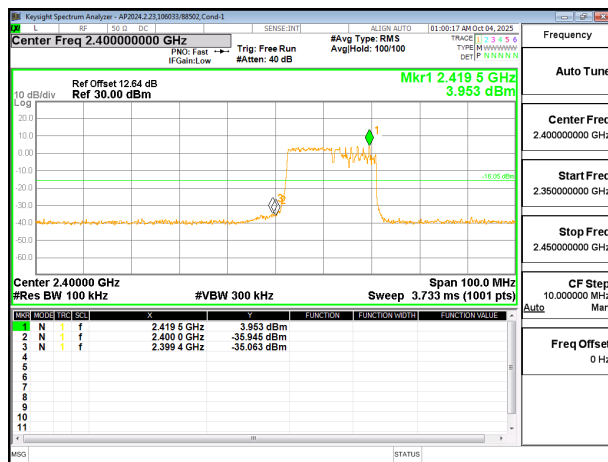
10.7.19. 802.11be EHT20 106T/54 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

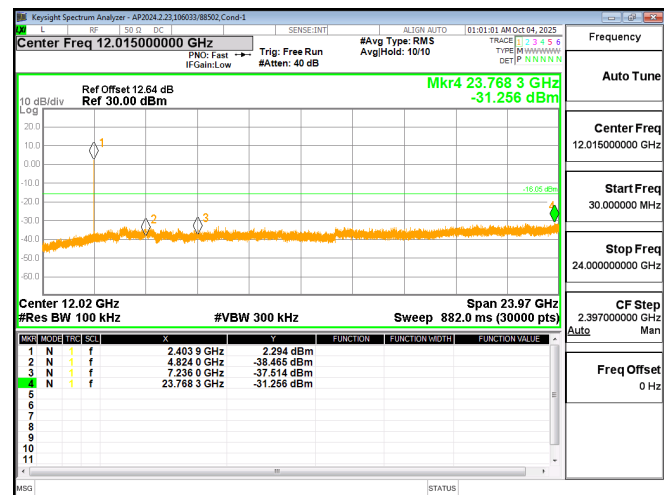


10.7.20. 802.11be EHT20 106T+26T/82 MODE

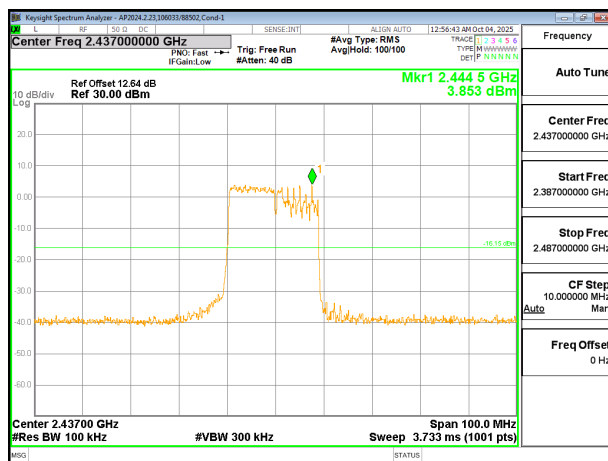
2TX Antenna 1 + Antenna 2 CDD MODE



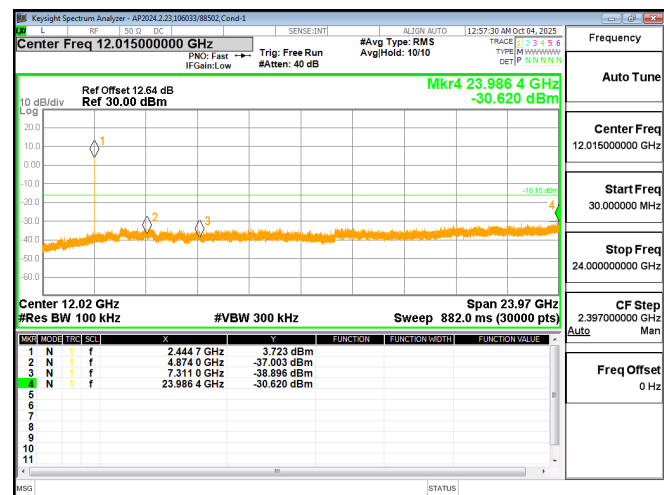
LOW CHANNEL 1 BANDEDGE ANTENNA 1



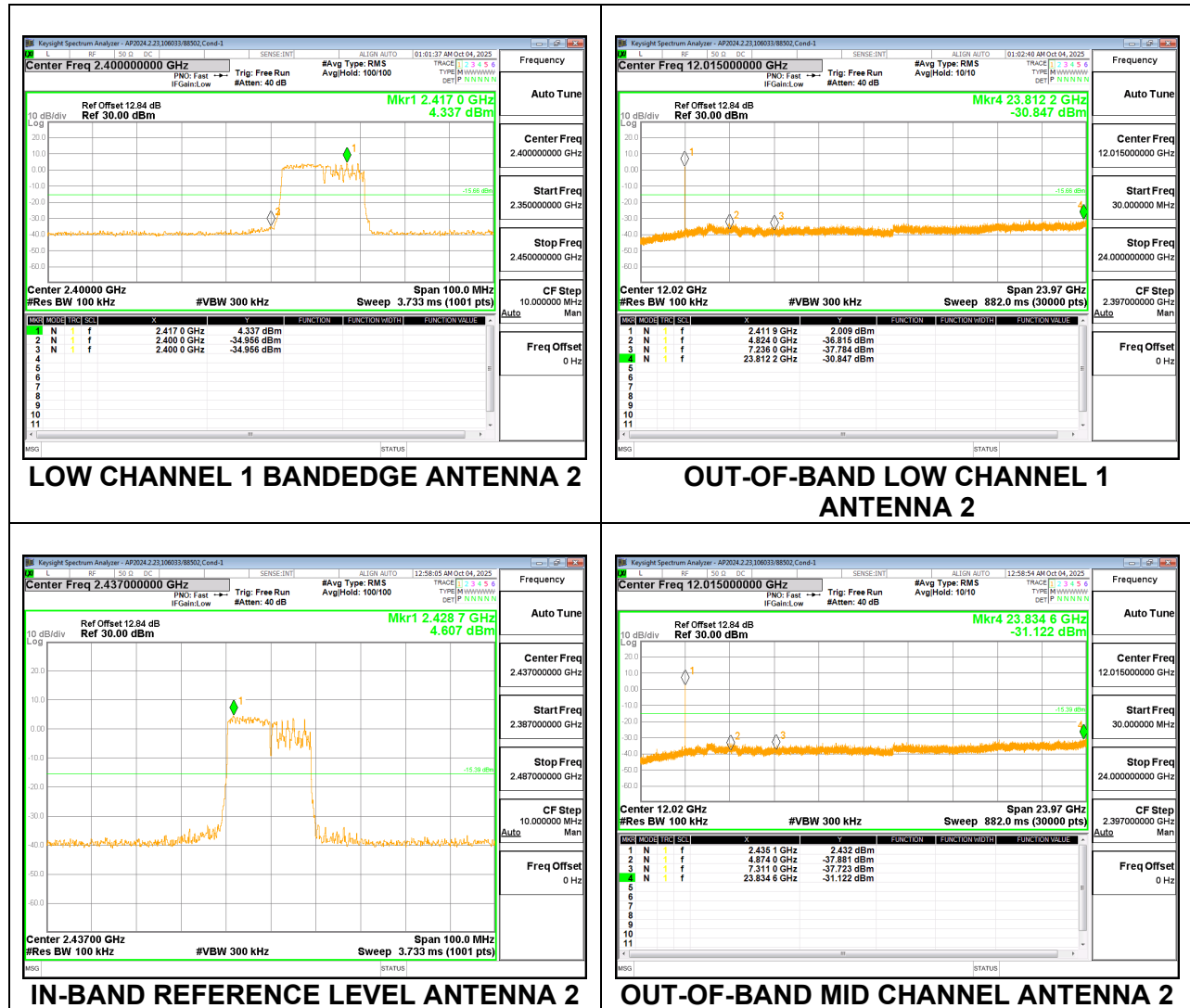
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



IN-BAND REFERENCE LEVEL ANTENNA 1

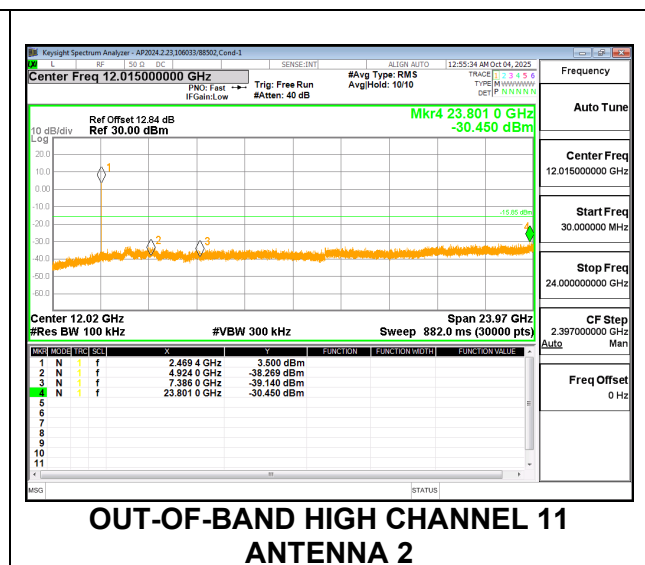
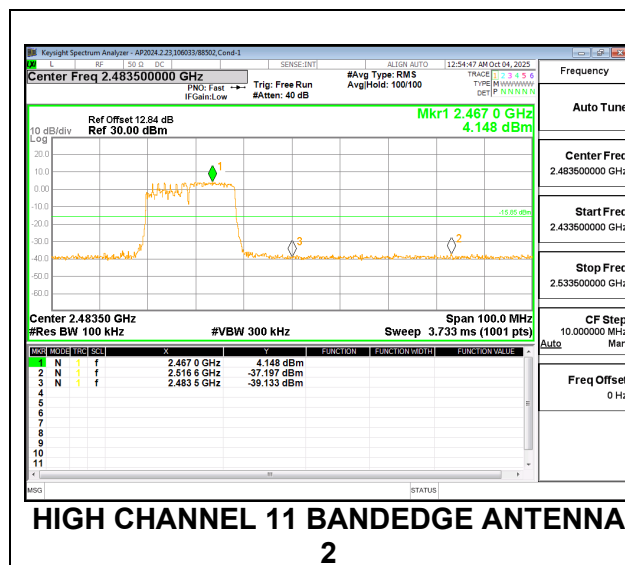
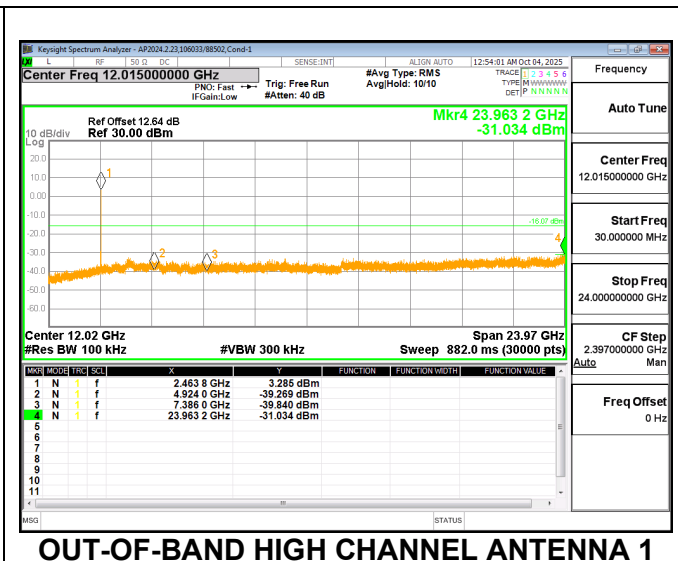
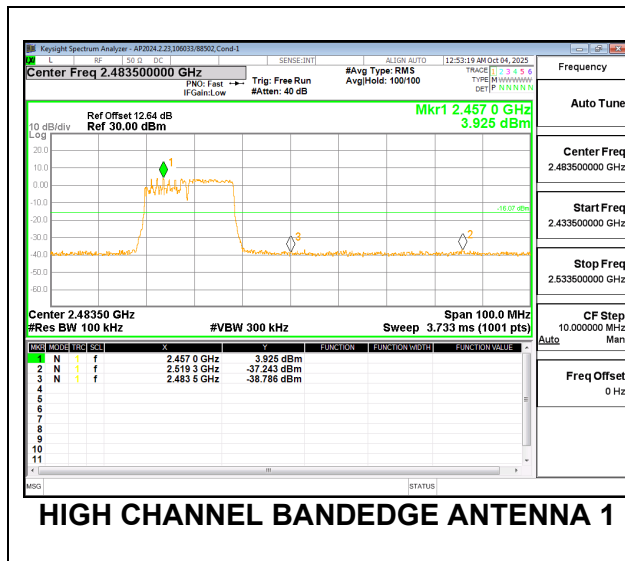


OUT-OF-BAND MID CHANNEL ANTENNA 1



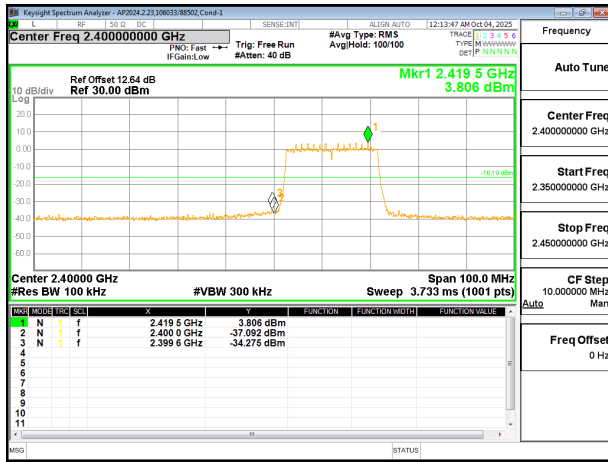
10.7.21. 802.11be EHT20 106T+26T/83 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

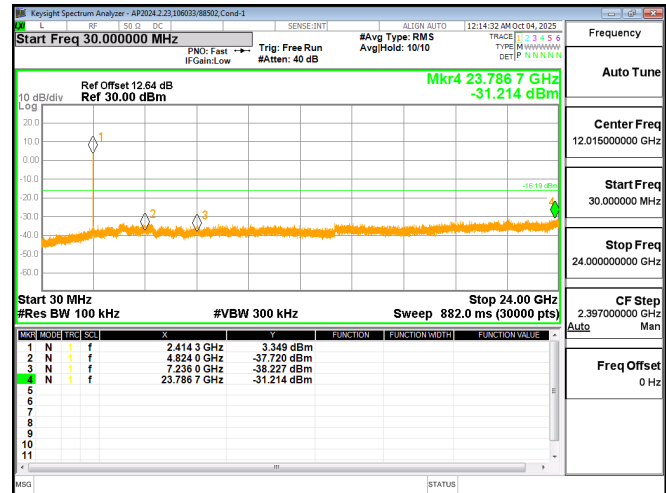


10.7.22. 802.11be EHT20 242T/61 MODE

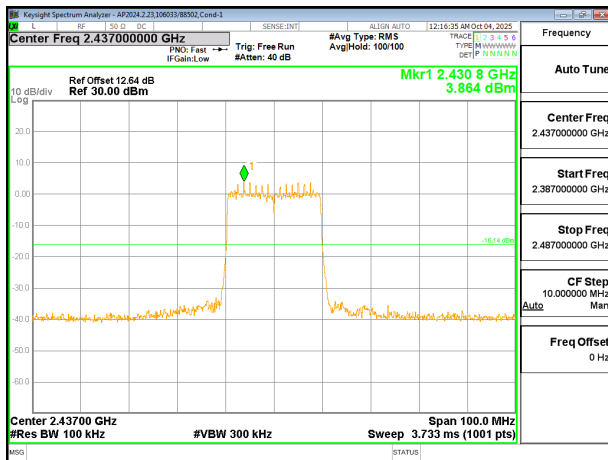
2TX Antenna 1 + Antenna 2 CDD MODE



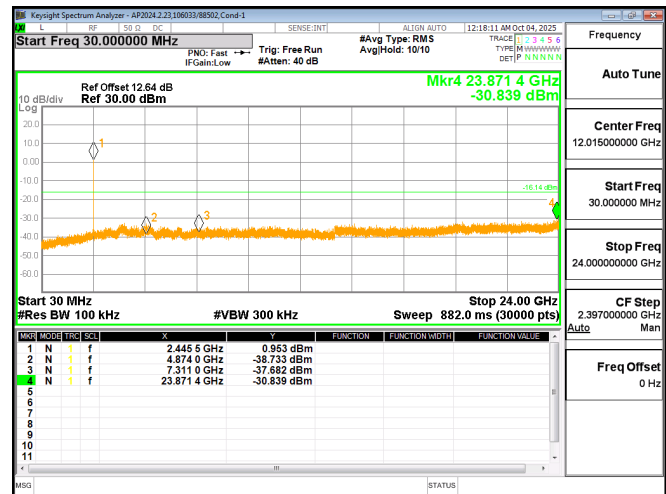
LOW CHANNEL 1 BANDEDGE ANTENNA 1



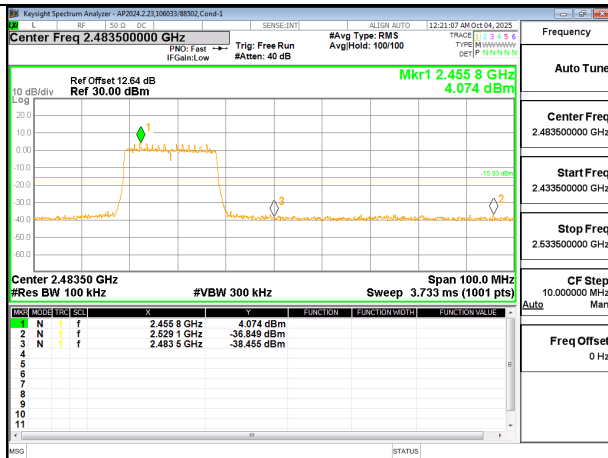
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



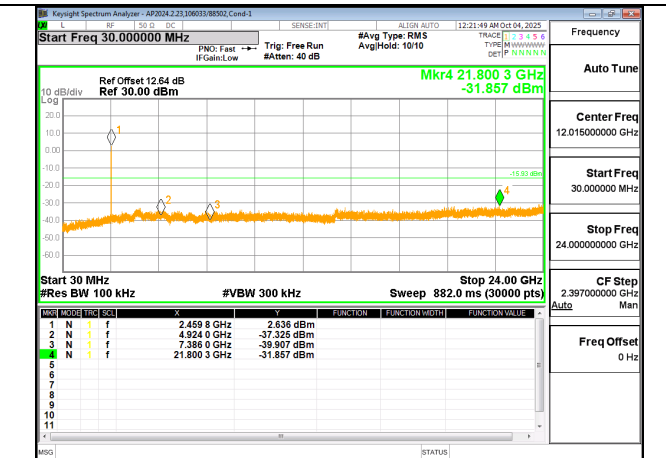
IN-BAND REFERENCE LEVEL ANTENNA 1



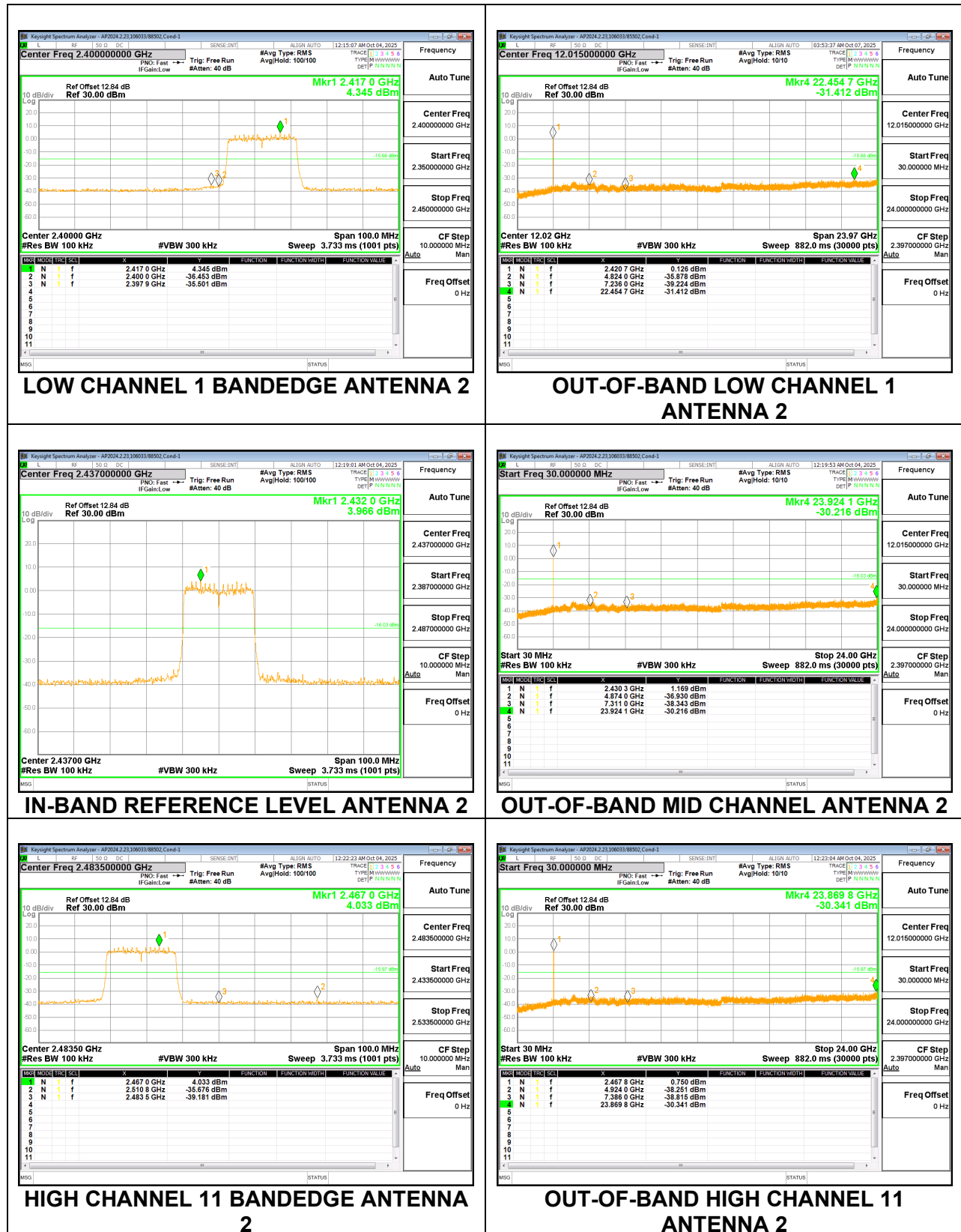
OUT-OF-BAND MID CHANNEL ANTENNA 1



HIGH CHANNEL 11 BANDEDGE ANTENNA 1



OUT-OF-BAND HIGH CHANNEL 11 ANTENNA 1



11. RADIATED TEST RESULTS

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

IC RSS-GEN Clause 8.9 and 8.10

Frequency Range (kHz)	Field Strength Limit (uA/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	6.37/F(kHz) @ 300 m	-
0.490-1.705	63.7/F(kHz) @ 30 m	-
1.705 - 30	0.08 @ 30m	-
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements in the 30-1000MHz range, 9kHz for peak and/or quasi-peak detection measurements in the 0.15-30MHz range and 200Hz for peak and/or quasi-peak detection measurements in the 9 to 150kHz range. Peak detection is used unless otherwise noted as quasi-peak or average (9-90kHz and 110-490kHz).

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak and average measurements with Linear video average detection used for average measurements. As an alternative for average measurements, Peak detection was used with a reduced video bandwidth equal to $1/T_{on}$ where T_{on} = the on time (BLE 1Mbps SISO only).

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

3D antenna use - For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel).

Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

KDB 414788 Open Field Site (OFS) and Chamber Correlation Justification

OFS and chamber correlation testing had been performed and chamber measured test result is the worst-case test result.

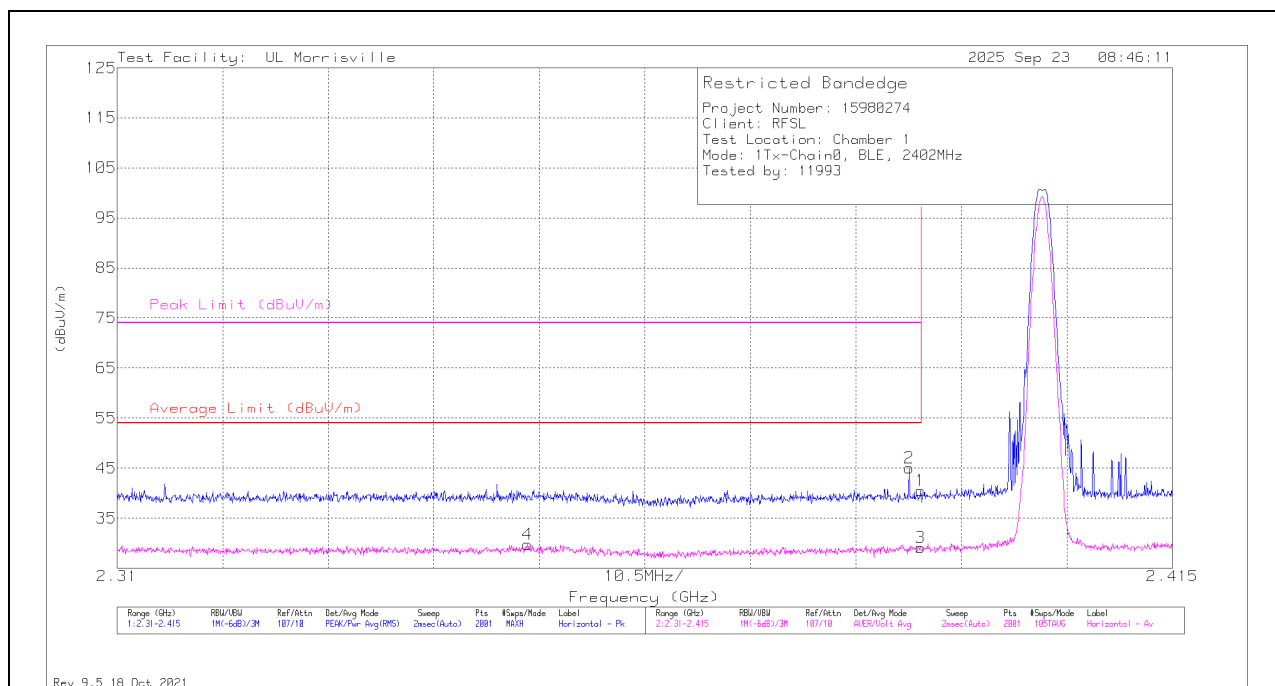
11.1. TRANSMITTER ABOVE 1 GHz

11.1.1. BLE (125 kbps)

Antenna 1

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	33.67	Pk	31.9	-25.1	0	40.47	-	-	74	-33.53	178	354	H
2	* ** 2.3888	38.25	Pk	31.9	-25.1	0	45.05	-	-	74	-28.95	178	354	H
3	* ** 2.38996	21.87	ADV	31.9	-25.1	.5	29.17	54	-24.83	-	-	178	354	H
4	* ** 2.35085	22.1	ADV	31.8	-24.7	.5	29.7	54	-24.3	-	-	178	354	H

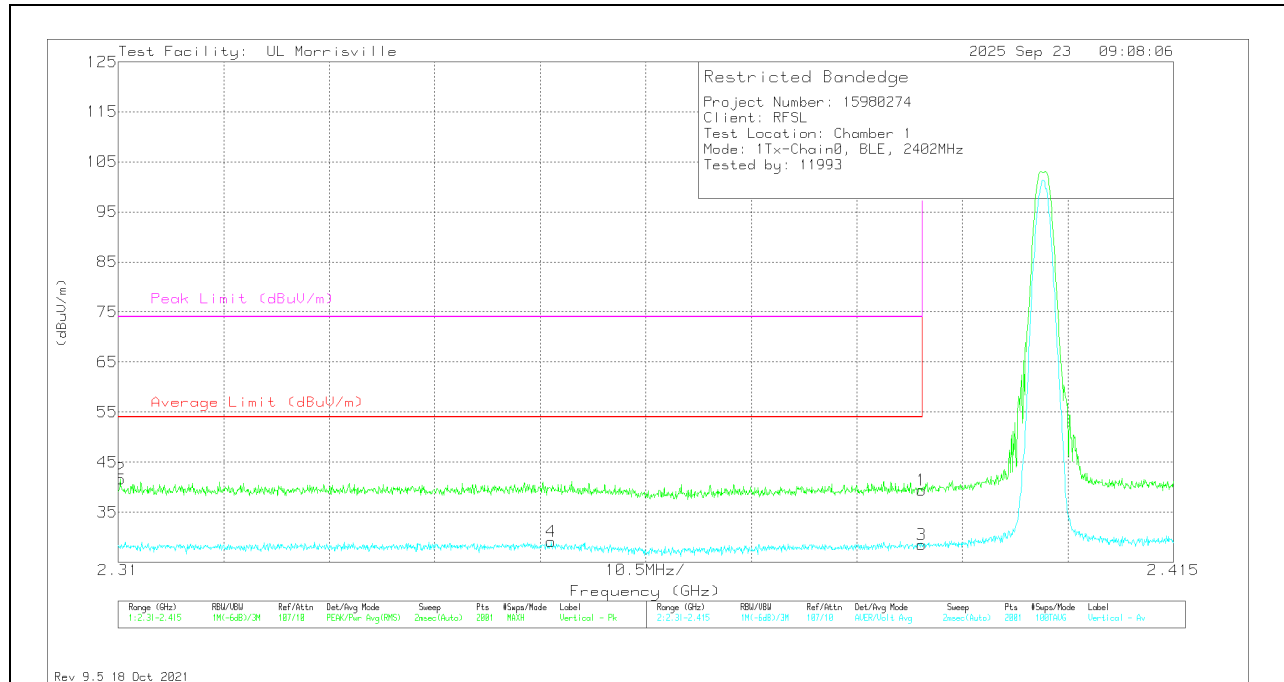
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	32.59	Pk	31.9	-25.1	0	39.39	-	-	74	-34.61	17	245	V
2	* ** 2.31021	34.65	Pk	31.7	-24.7	0	41.65	-	-	74	-32.35	17	245	V
3	* ** 2.38996	21.75	ADV	31.9	-25.1	.5	28.60	54	-25.4	-	-	17	245	V
4	* ** 2.3531	21.94	ADV	31.8	-24.6	.5	29.19	54	-24.81	-	-	17	245	V

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

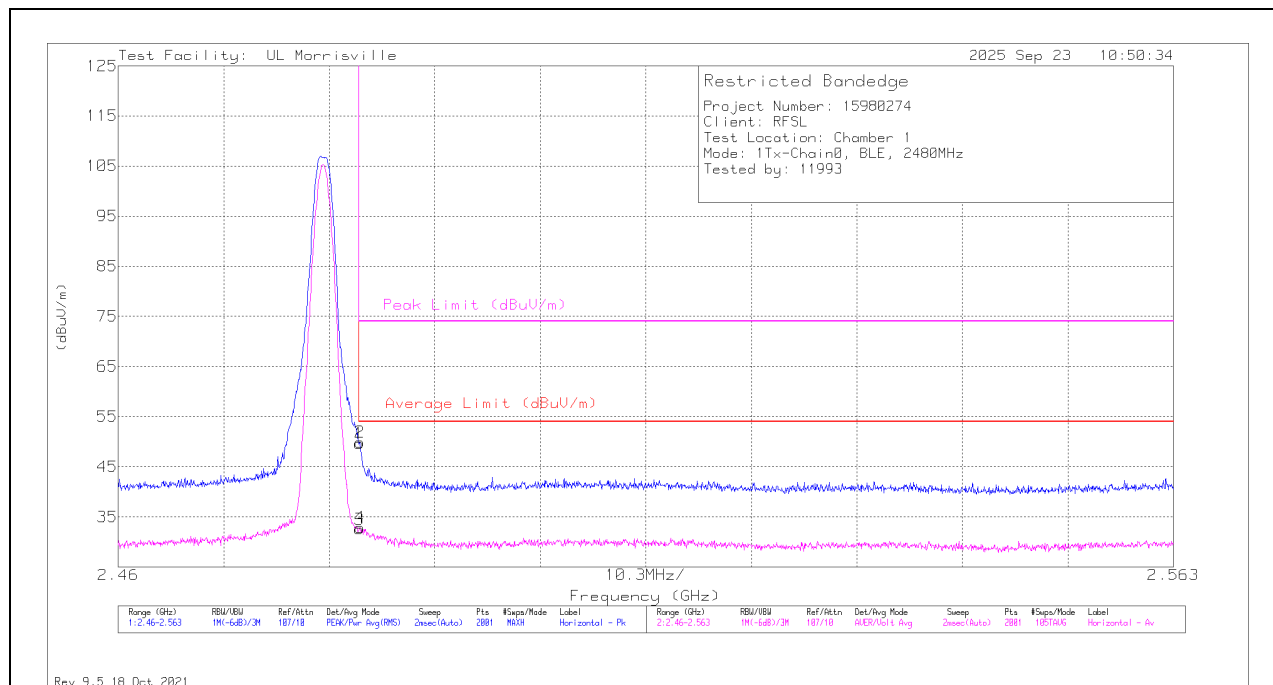
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

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	41.83	Pk	32.2	-24.4	0	49.63	-	-	74	-24.37	120	137	H
2	* ** 2.48359	42.08	Pk	32.2	-24.4	0	49.88	-	-	74	-24.12	120	137	H
3	* ** 2.48354	24.26	ADV	32.2	-24.4	.5	32.56	54	-21.44	-	-	120	137	H
4	* ** 2.48359	24.61	ADV	32.2	-24.4	.5	32.91	54	-21.09	-	-	120	137	H

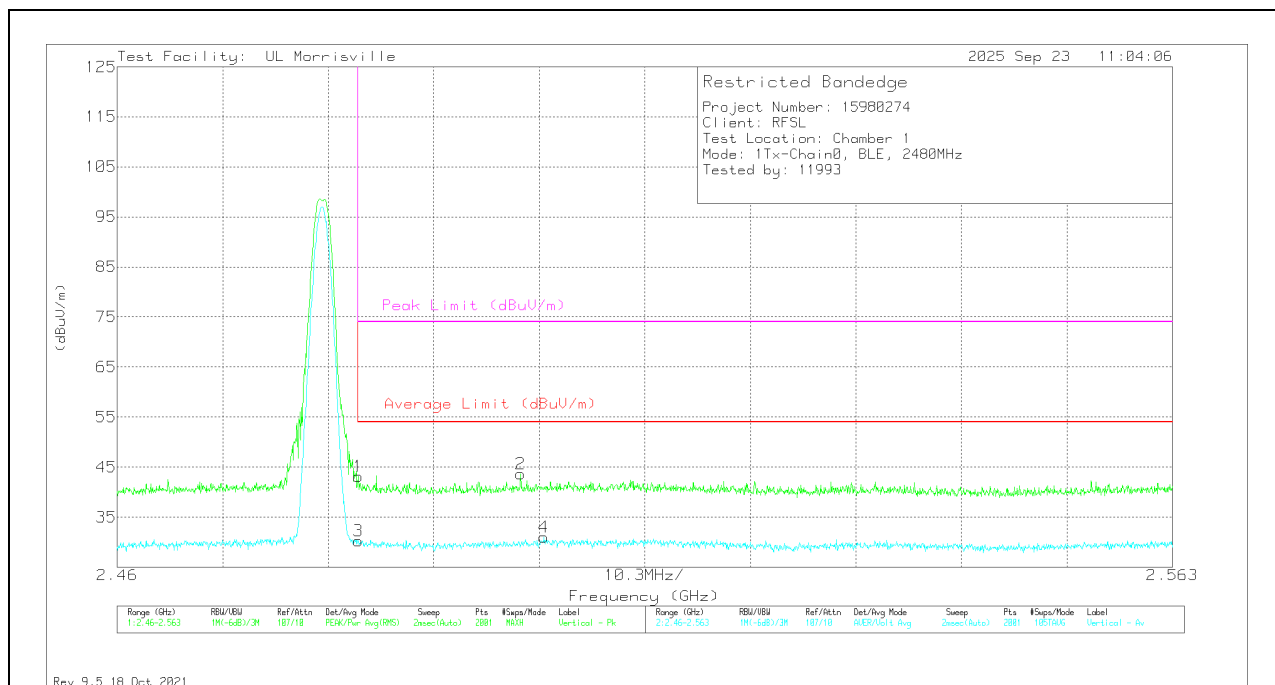
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	35.33	Pk	32.2	-24.4	0	43.13	-	-	74	-30.87	106	326	V
2	* ** 2.4994	35.63	Pk	32.3	-24.3	0	43.63	-	-	74	-30.37	106	326	V
3	* ** 2.48354	21.97	ADV	32.2	-24.4	.5	30.27	54	-23.73	-	-	106	326	V
4	** 2.50166	22.4	ADV	32.3	-24.2	.5	31	54	-23	-	-	106	326	V

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

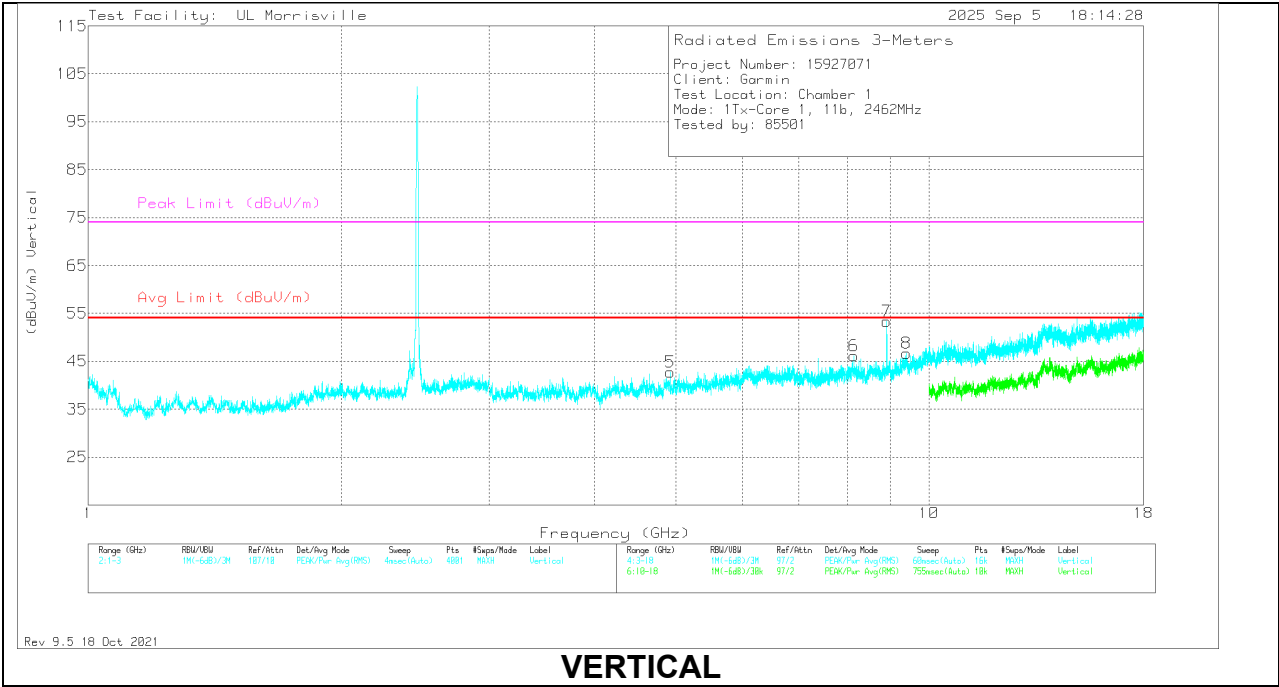
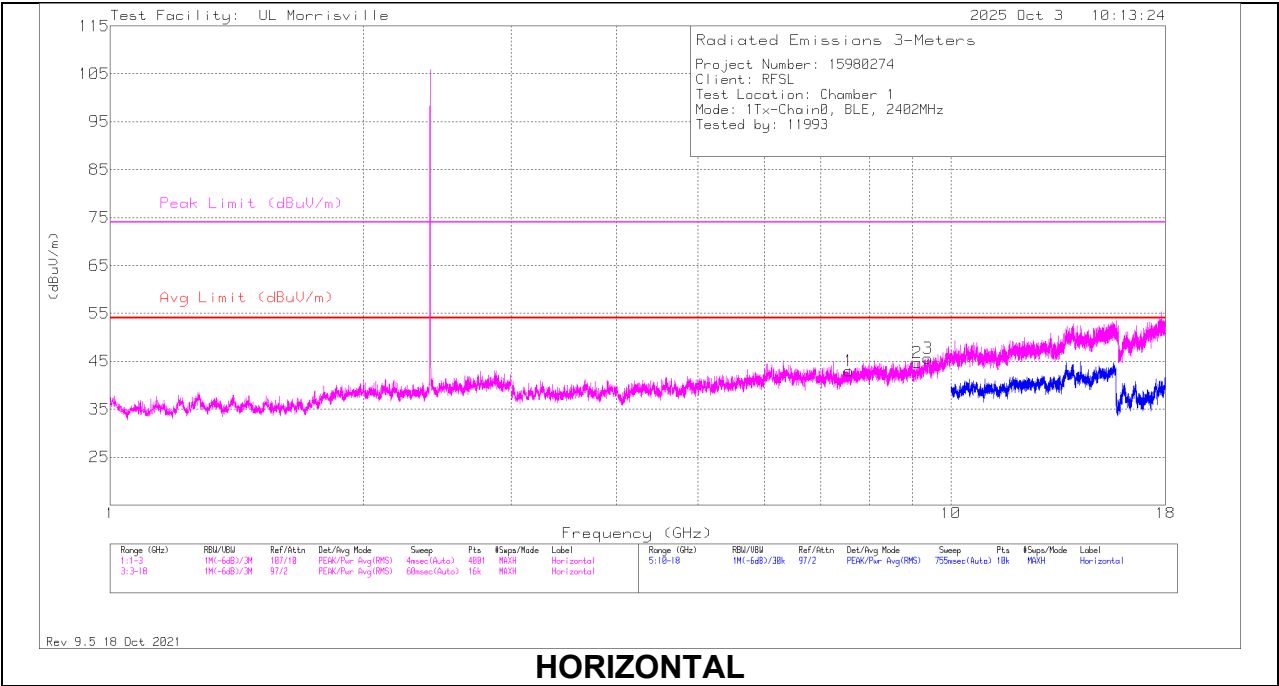
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

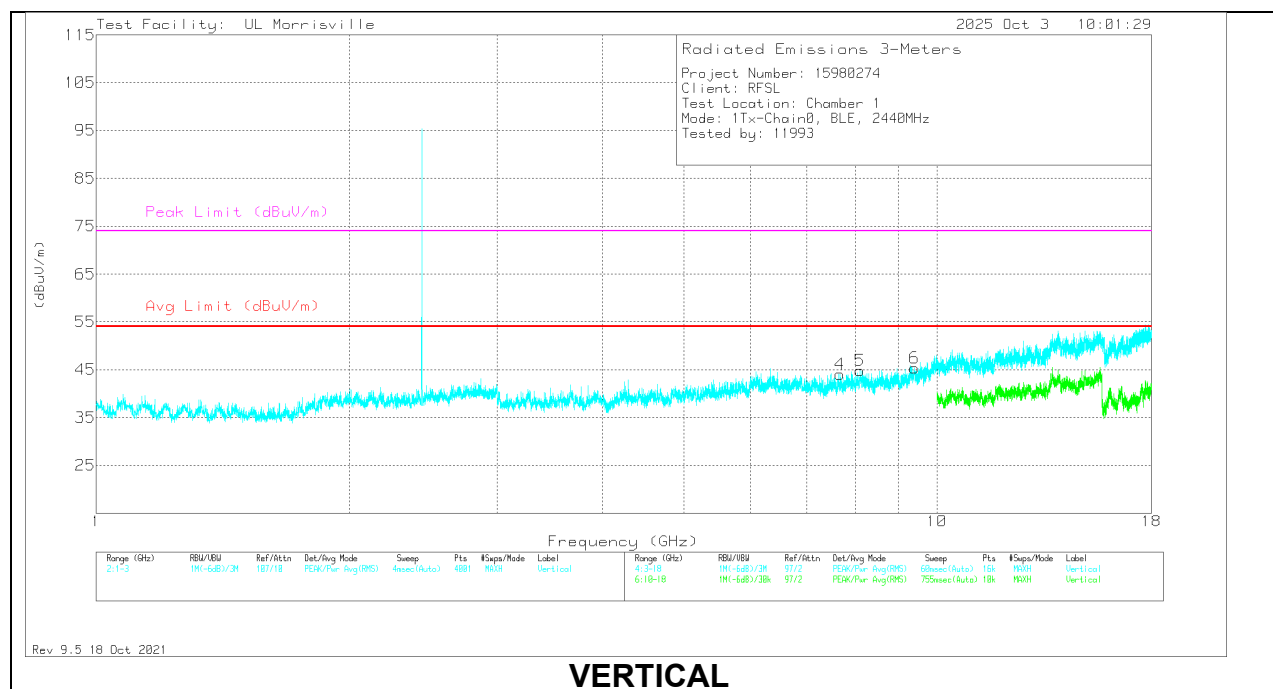
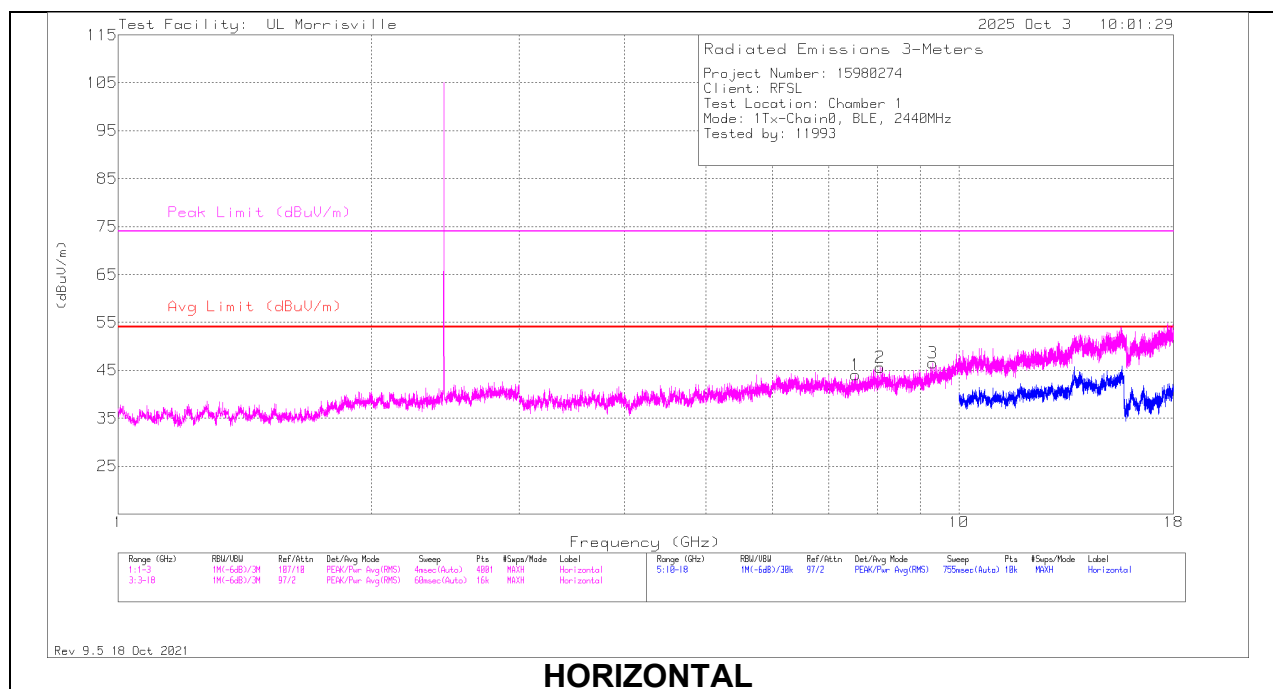
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.5675	49.21	Pk	35.5	-41.7	43.01	54	-10.99	74	-30.99	0-360	101	H
2	* ** 9.11719	50.33	Pk	35.9	-41.5	44.73	54	-9.27	74	-29.27	0-360	101	H
3	* ** 9.38906	50.73	Pk	36.2	-41.3	45.63	54	-8.37	74	-28.37	0-360	101	H
4	* ** 8.10375	50.35	Pk	35.9	-41.3	44.95	54	-9.05	74	-29.05	0-360	101	V
5	* ** 9.18469	49.66	Pk	36	-41	44.66	54	-9.34	74	-29.34	0-360	101	V
6	* ** 9.3525	50.57	Pk	36.2	-41.3	45.47	54	-8.53	74	-28.53	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



RADIATED EMISSIONS

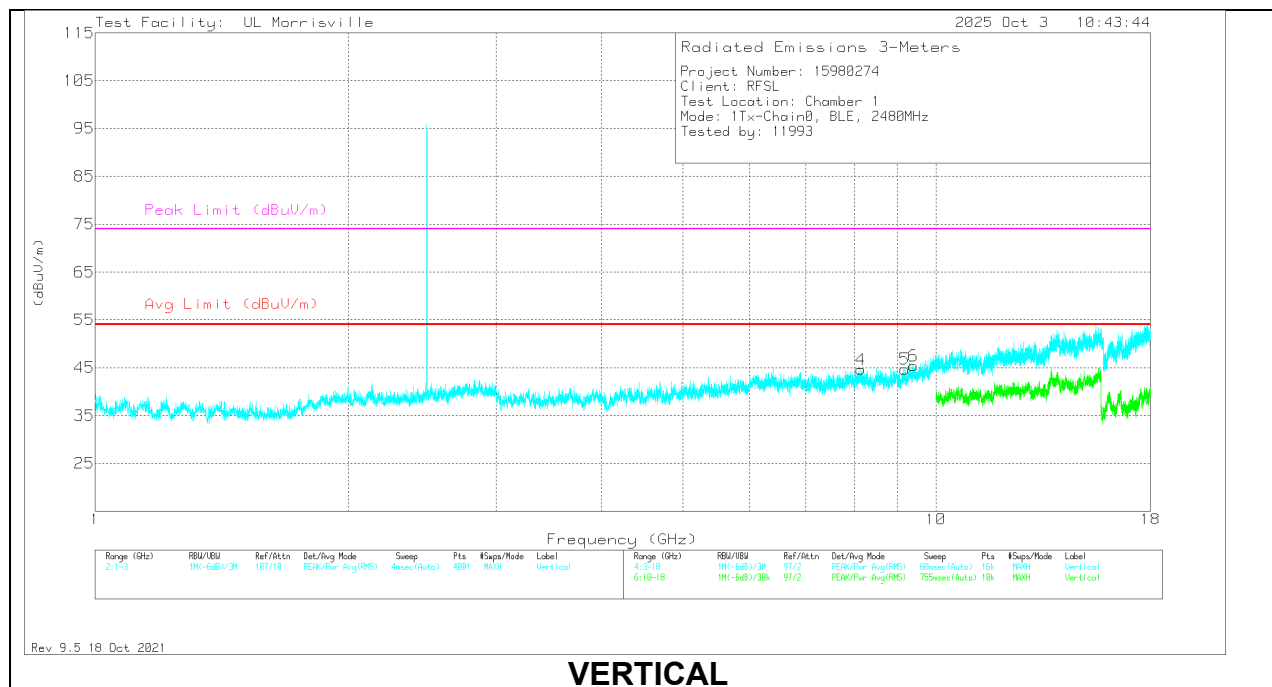
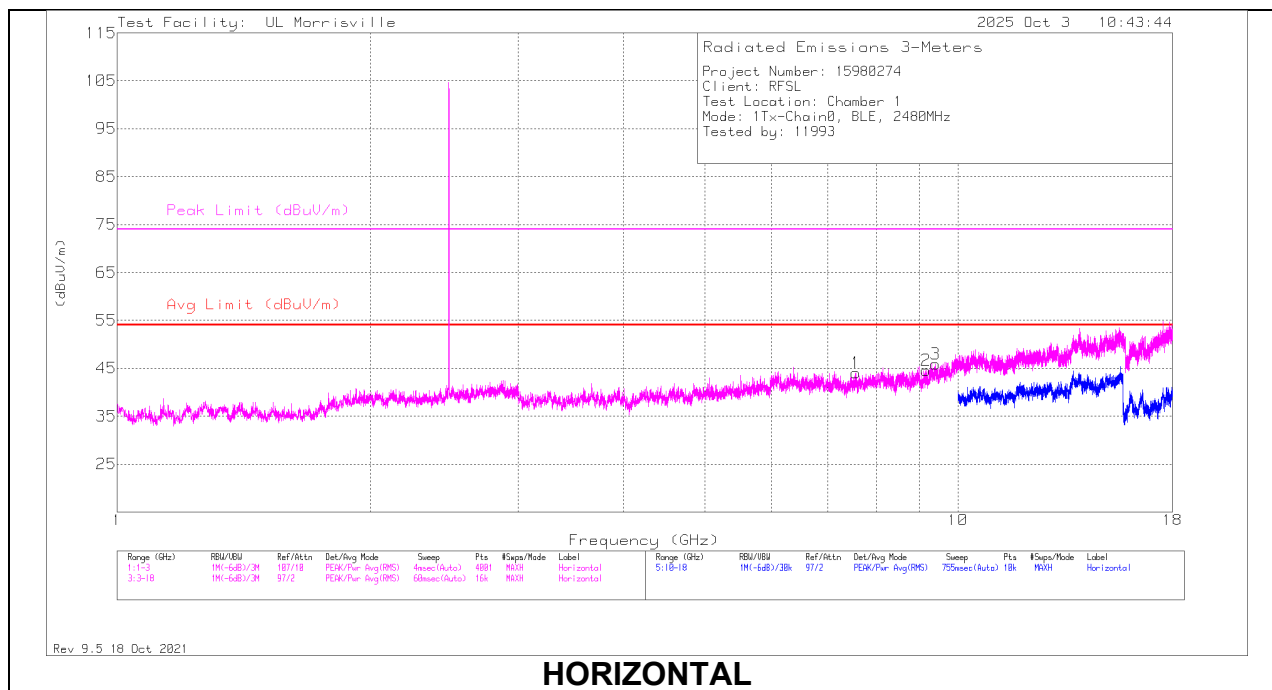
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.53844	50.14	Pk	35.5	-41.6	44.04	54	-9.96	74	-29.96	0-360	200	H
2	* ** 8.05688	51.59	Pk	35.9	-41.9	45.59	54	-8.41	74	-28.41	0-360	200	H
3	* ** 9.30938	50.59	Pk	36.1	-40.1	46.59	54	-7.41	74	-27.41	0-360	200	H
4	* ** 7.67344	50.69	Pk	35.6	-42.2	44.09	54	-9.91	74	-29.91	0-360	101	V
5	* ** 8.1	50.48	Pk	35.9	-41.5	44.88	54	-9.12	74	-29.12	0-360	200	V
6	* ** 9.40406	49.36	Pk	36.3	-40.3	45.36	54	-8.64	74	-28.64	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.56281	50.37	Pk	35.5	-41.8	44.07	54	-9.93	74	-29.93	0-360	200	H
2	* ** 9.16031	50.21	Pk	35.9	-41.5	44.61	54	-9.39	74	-29.39	0-360	200	H
3	* ** 9.40313	50.03	Pk	36.3	-40.4	45.93	54	-8.07	74	-28.07	0-360	200	H
4	* ** 8.14125	50.34	Pk	35.9	-41.6	44.64	54	-9.36	74	-29.36	0-360	101	V
5	* ** 9.19031	50.12	Pk	36	-41.4	44.72	54	-9.28	74	-29.28	0-360	101	V
6	* ** 9.405	49.42	Pk	36.3	-40.3	45.42	54	-8.58	74	-28.58	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

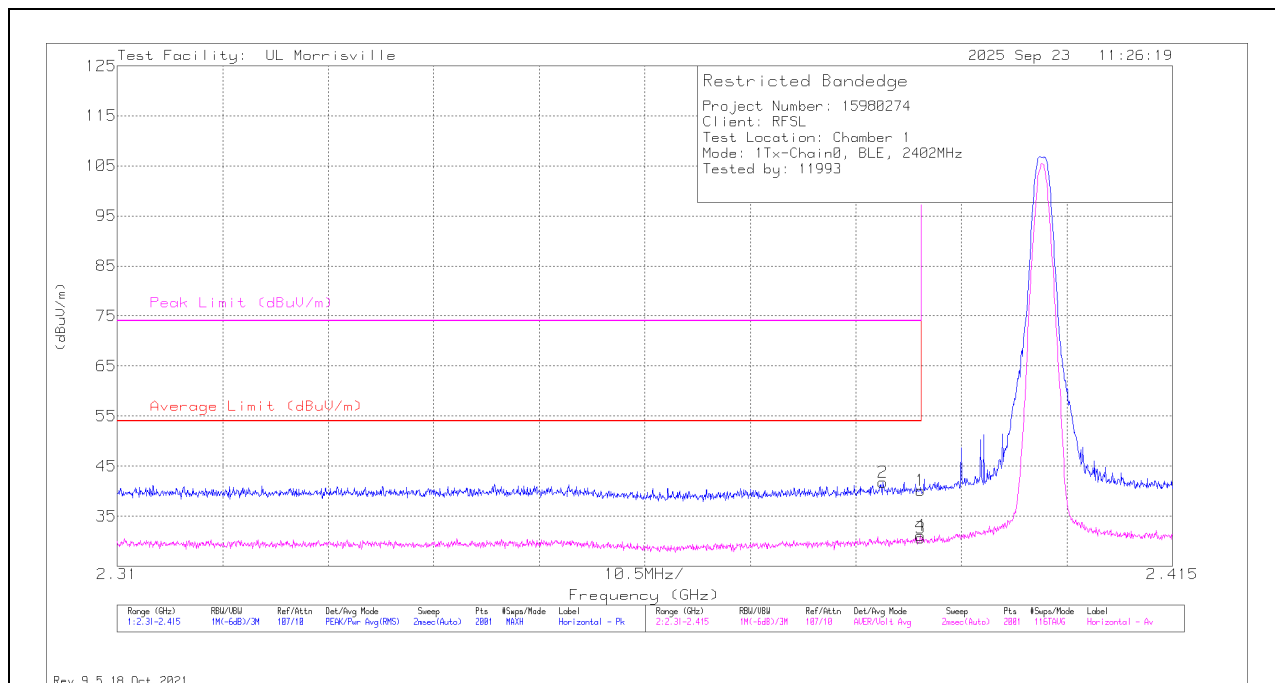
Pk - Peak detector

11.1.2. BLE (500 kbps)

Antenna 1

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	33.31	Pk	31.9	-25.1	0	40.11	-	-	74	-33.89	123	100	H
2	* ** 2.38618	35.01	Pk	31.9	-25.1	0	41.81	-	-	74	-32.19	123	100	H
3	* ** 2.38996	22.43	ADV	31.9	-25.1	1.35	30.58	54	-23.42	-	-	123	100	H
4	* ** 2.38991	22.98	ADV	31.9	-25.1	1.35	31.13	54	-22.87	-	-	123	100	H

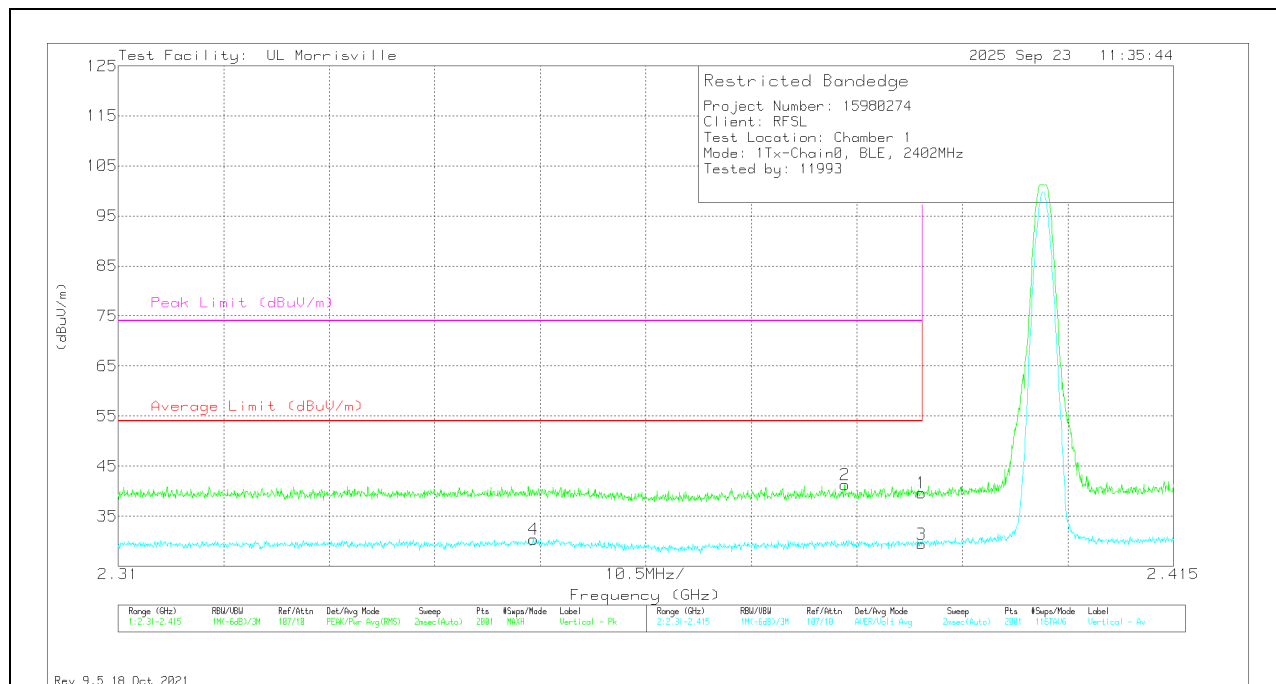
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	32.86	Pk	31.9	-25.1	0	39.66	-	-	74	-34.34	135	399	V
2	*** 2.38229	34.6	Pk	31.9	-25.2	0	41.3	-	-	74	-32.7	135	399	V
3	*** 2.38996	21.27	ADV	31.9	-25.1	1.35	29.42	54	-24.58	-	-	135	399	V
4	*** 2.35132	21.91	ADV	31.8	-24.7	1.35	30.36	54	-23.64	-	-	135	399	V

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

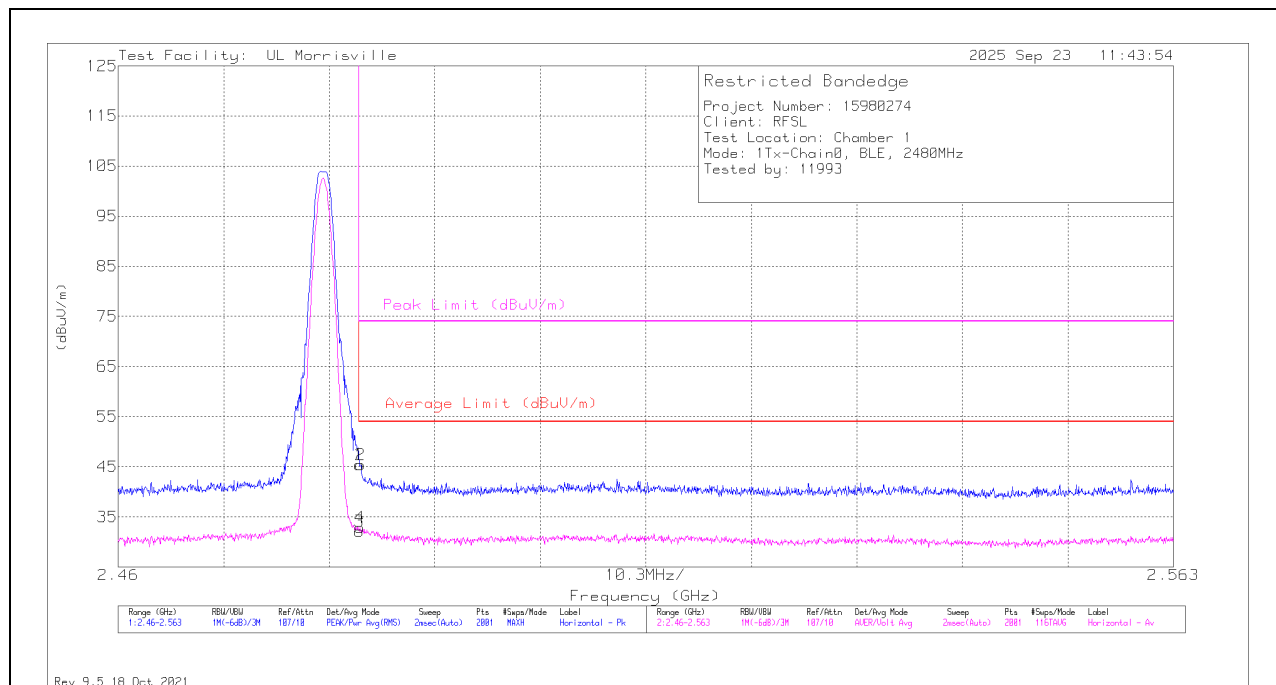
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

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	37.61	Pk	32.2	-24.4	0	45.41	-	-	74	-28.59	34	152	H
2	* ** 2.48364	37.58	Pk	32.2	-24.4	0	45.38	-	-	74	-28.62	34	152	H
3	* ** 2.48354	22.97	ADV	32.2	-24.4	1.35	32.12	54	-21.88	-	-	34	152	H
4	* ** 2.48359	23.71	ADV	32.2	-24.4	1.35	32.86	54	-21.14	-	-	34	152	H

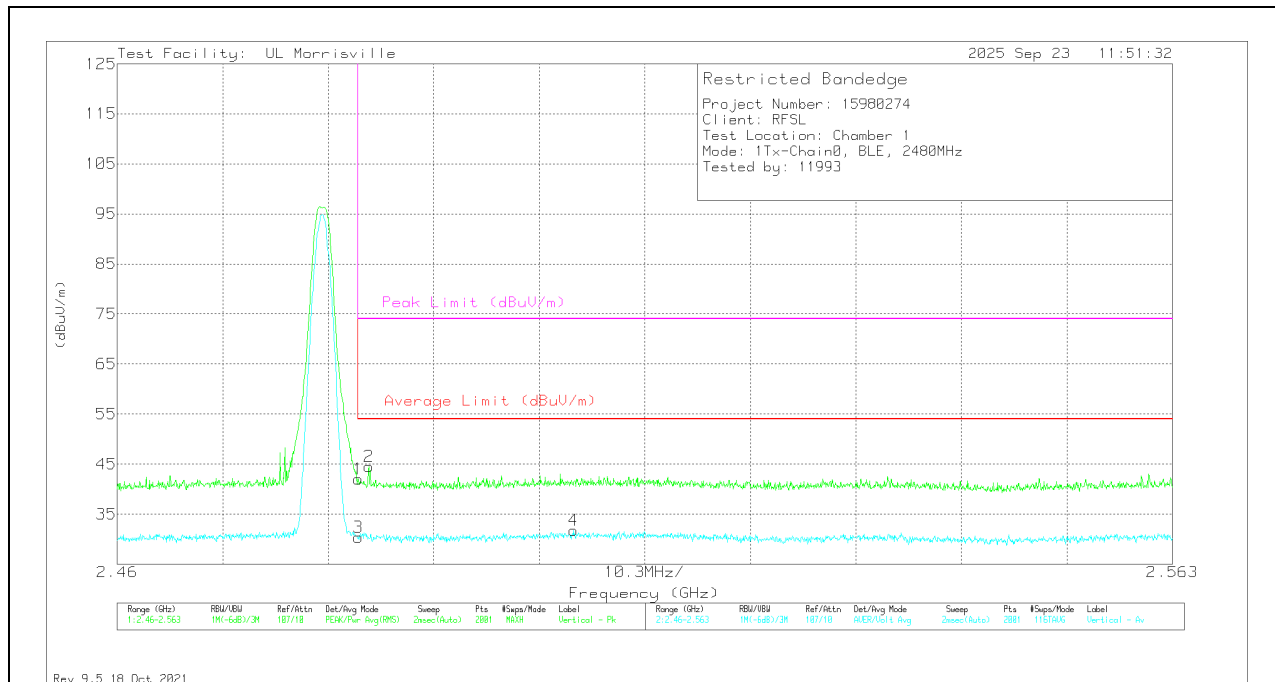
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	34.24	Pk	32.2	-24.4	0	42.04	-	-	74	-31.96	104	328	V
2	*** 2.48457	36.69	Pk	32.2	-24.4	0	44.49	-	-	74	-29.51	104	328	V
3	*** 2.48354	21.2	ADV	32.2	-24.4	1.35	30.35	54	-23.65	-	-	104	328	V
4	** 2.50455	22.28	ADV	32.3	-24.2	1.35	31.73	54	-22.27	-	-	104	328	V

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

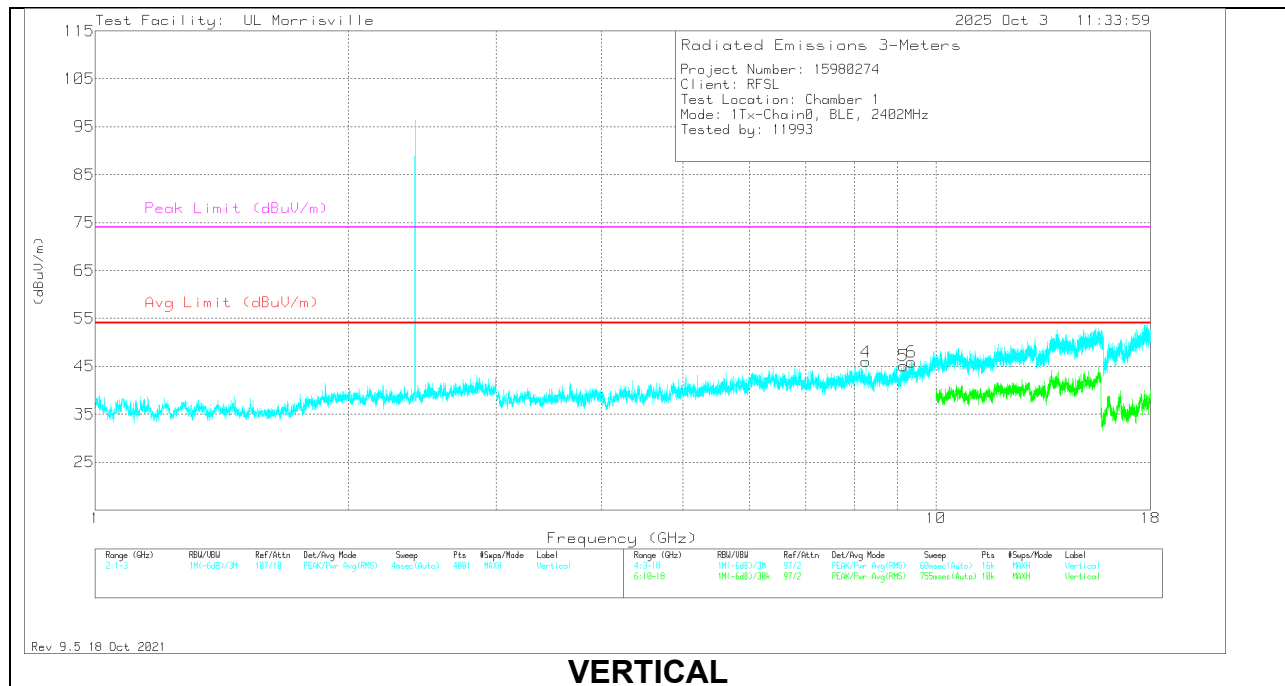
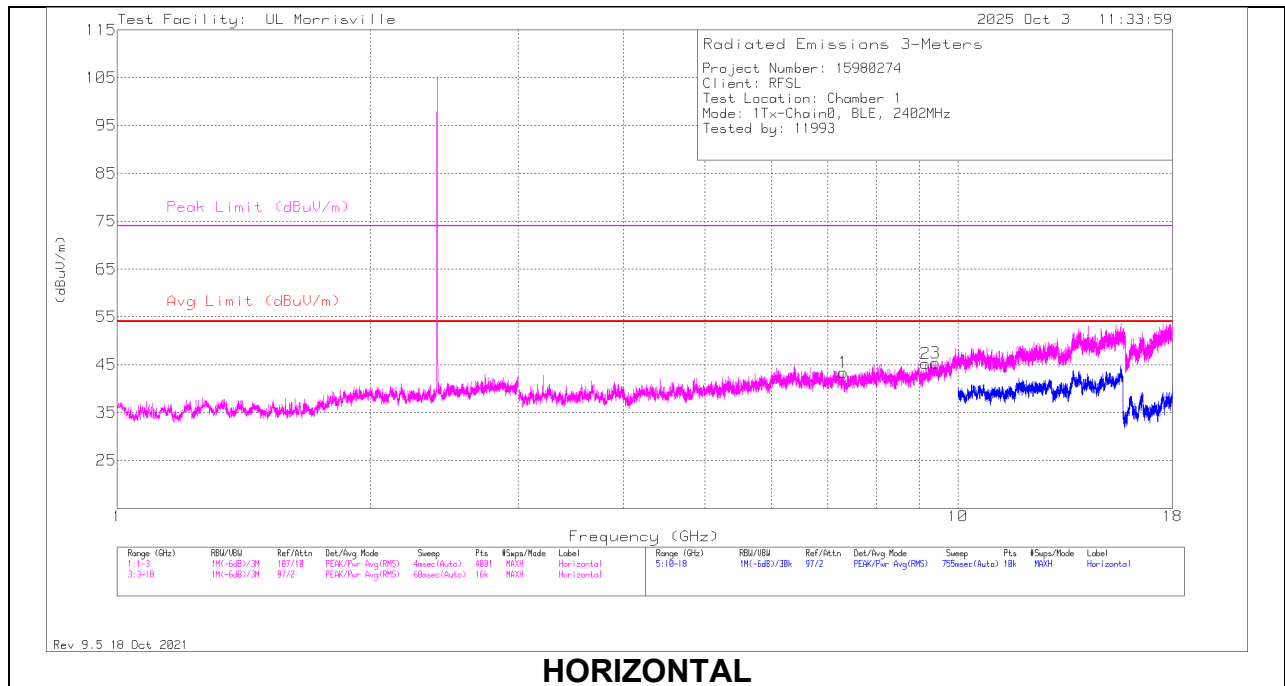
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

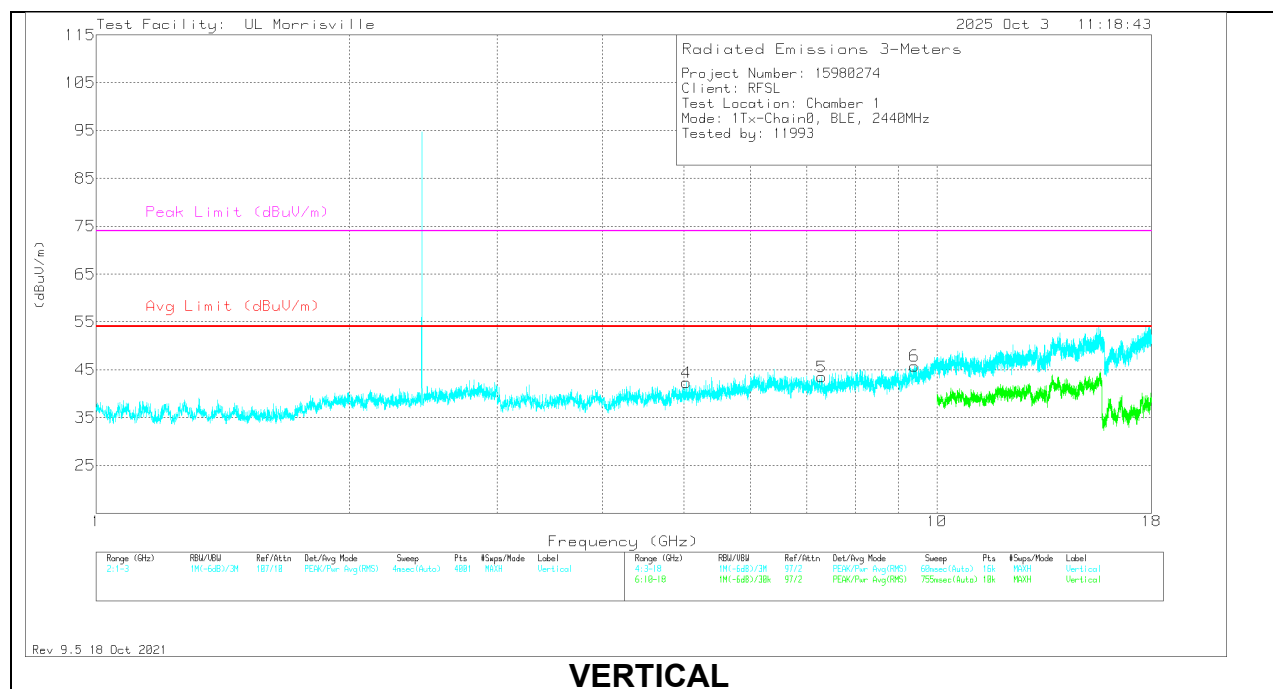
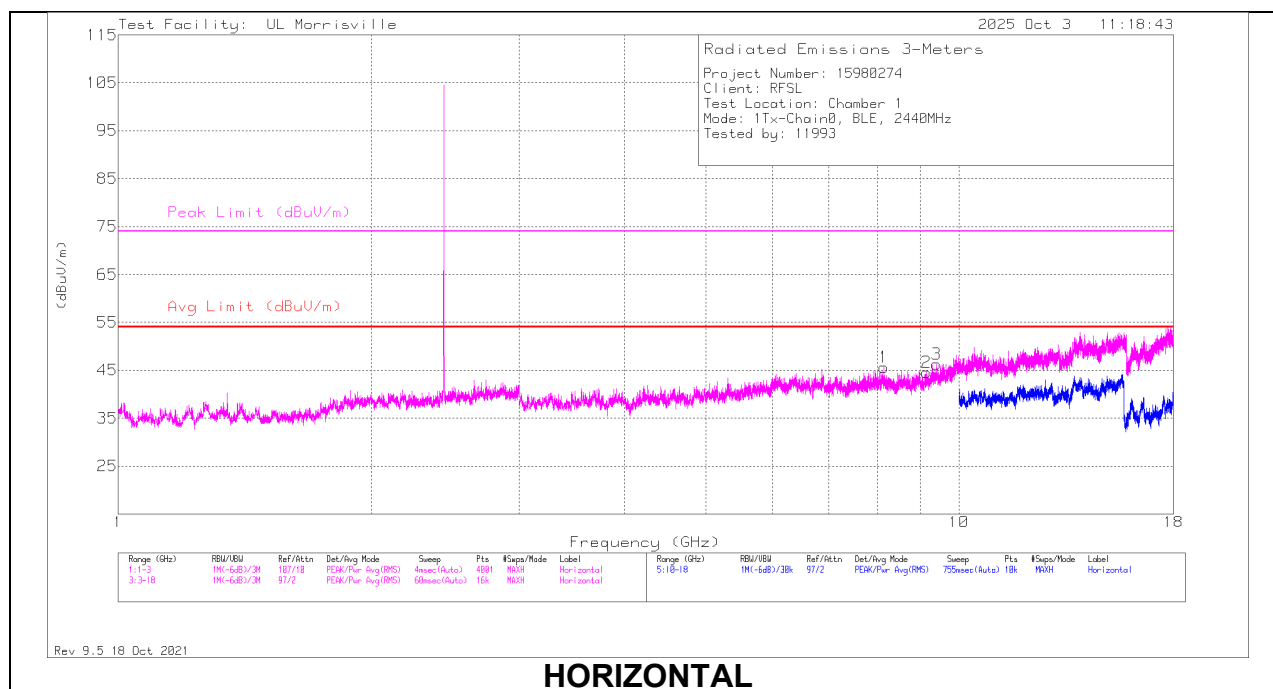
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.31063	50.59	Pk	35.4	-42.6	43.39	54	-10.61	74	-30.61	0-360	200	H
2	* ** 9.14813	50.28	Pk	35.9	-40.9	45.28	54	-8.72	74	-28.72	0-360	101	H
3	* ** 9.40313	49.49	Pk	36.3	-40.4	45.39	54	-8.61	74	-28.61	0-360	101	H
4	* ** 8.25563	51.45	Pk	35.9	-41.4	45.95	54	-8.05	74	-28.05	0-360	200	V
5	* ** 9.14906	49.89	Pk	35.9	-40.7	45.09	54	-8.91	74	-28.91	0-360	200	V
6	* ** 9.35531	51.08	Pk	36.2	-41.4	45.88	54	-8.12	74	-28.12	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL RESULTS



RADIATED EMISSIONS

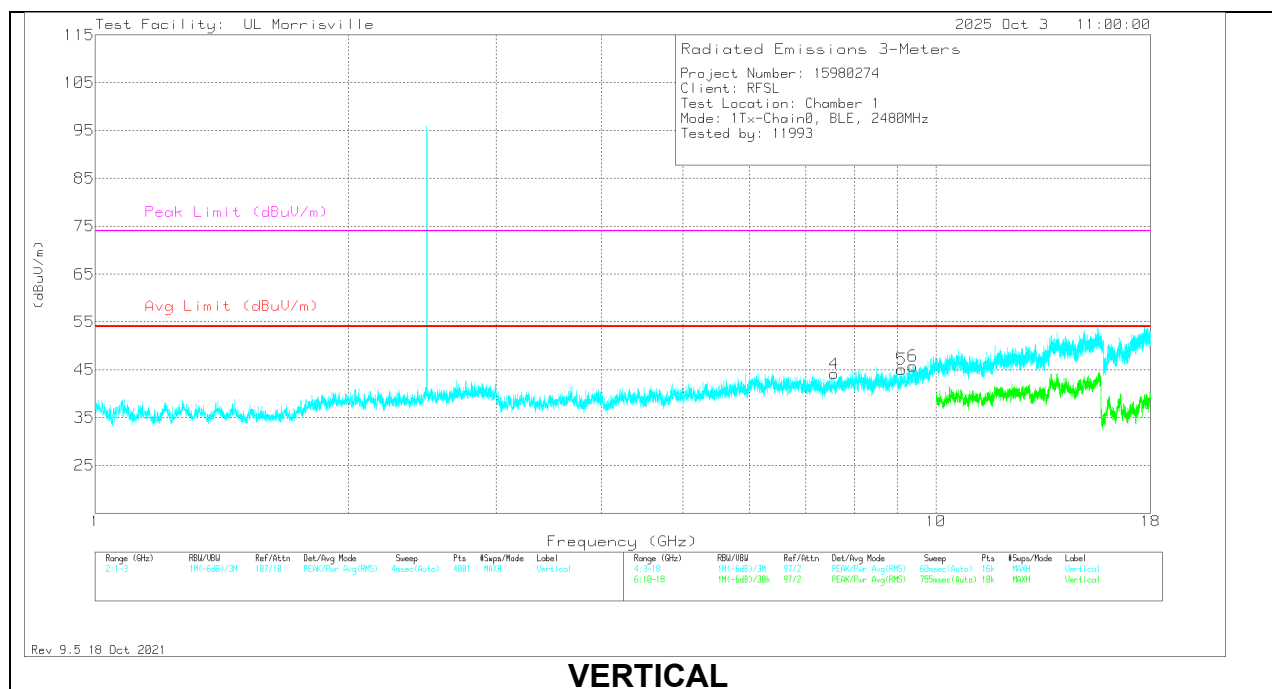
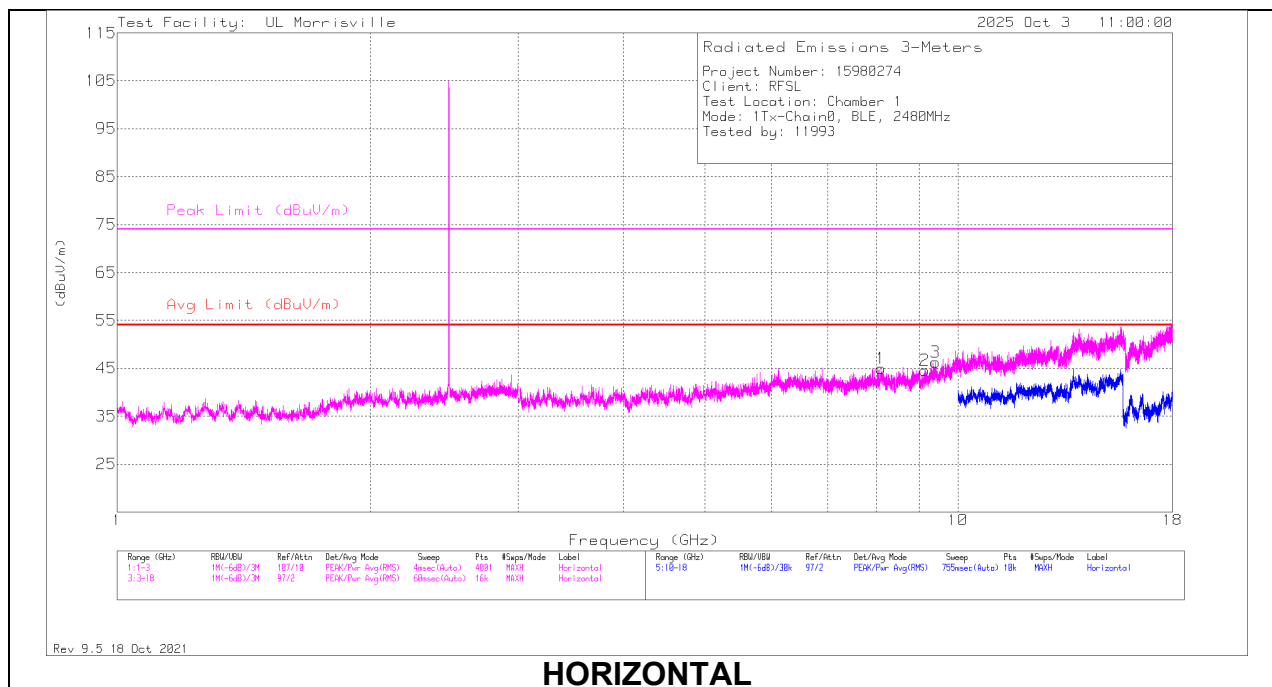
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 8.14688	50.87	Pk	35.9	-41.1	45.67	54	-8.33	74	-28.33	0-360	101	H
2	* ** 9.15	49.28	Pk	35.9	-40.6	44.58	54	-9.42	74	-29.42	0-360	200	H
3	* ** 9.40313	50.34	Pk	36.3	-40.4	46.24	54	-7.76	74	-27.76	0-360	200	H
4	* ** 5.0325	53.09	Pk	34.3	-45.1	42.29	54	-11.71	74	-31.71	0-360	200	V
5	* ** 7.30125	50.57	Pk	35.4	-42.5	43.47	54	-10.53	74	-30.53	0-360	200	V
6	* ** 9.40313	49.88	Pk	36.3	-40.4	45.78	54	-8.22	74	-28.22	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 8.09719	50.71	Pk	35.9	-41.6	45.01	54	-8.99	74	-28.99	0-360	200	H
2	* ** 9.14063	50.43	Pk	35.9	-41.8	44.53	54	-9.47	74	-29.47	0-360	200	H
3	* ** 9.40031	50.46	Pk	36.3	-40.5	46.26	54	-7.74	74	-27.74	0-360	101	H
4	* ** 7.57031	50.43	Pk	35.5	-41.8	44.13	54	-9.87	74	-29.87	0-360	200	V
5	* ** 9.11063	50.72	Pk	35.9	-41.5	45.12	54	-8.88	74	-28.88	0-360	101	V
6	* ** 9.3975	50.12	Pk	36.3	-40.7	45.72	54	-8.28	74	-28.28	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

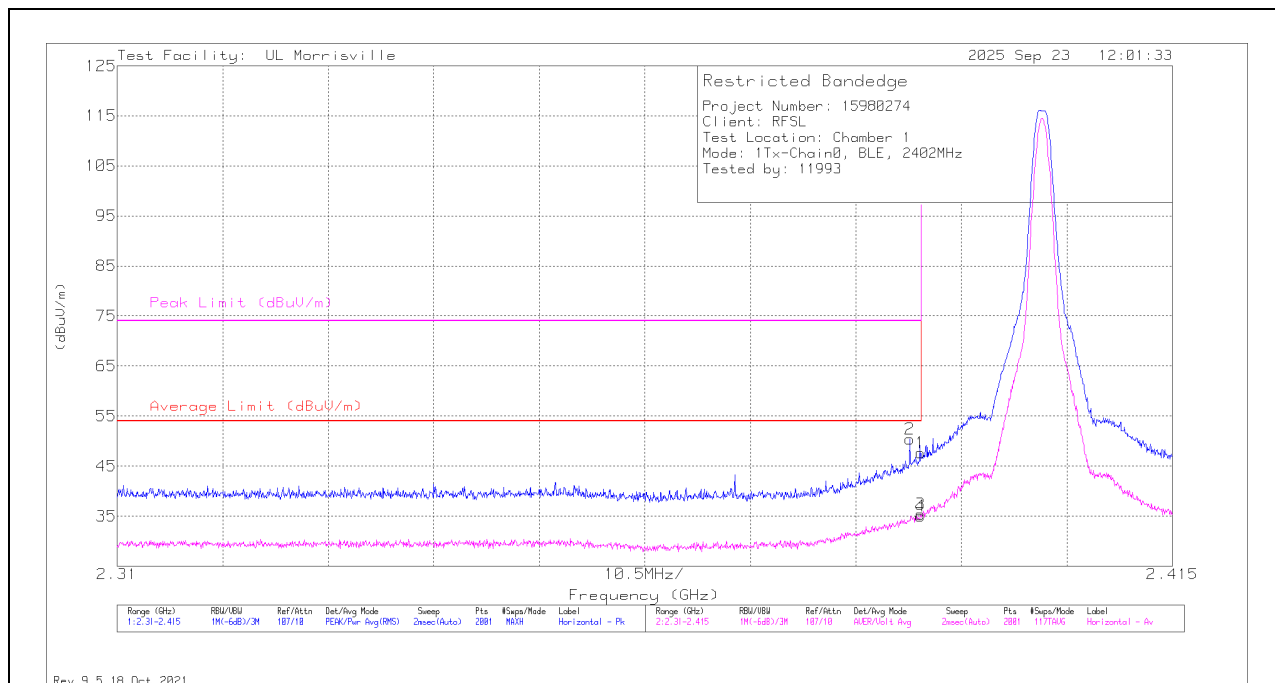
Pk - Peak detector

11.1.3. BLE (1Mbps)

Antenna 1

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	40.85	Pk	31.9	-25.1	0	47.65	-	-	74	-26.35	130	103	H
2	* ** 2.38886	43.63	Pk	31.9	-25.1	0	50.43	-	-	74	-23.57	130	103	H
3	* ** 2.38996	27.17	ADV	31.9	-25.1	1.41	35.38	54	-18.62	-	-	130	103	H
4	* ** 2.38991	26.77	ADV	31.9	-25.1	1.41	34.98	54	-19.02	-	-	130	103	H

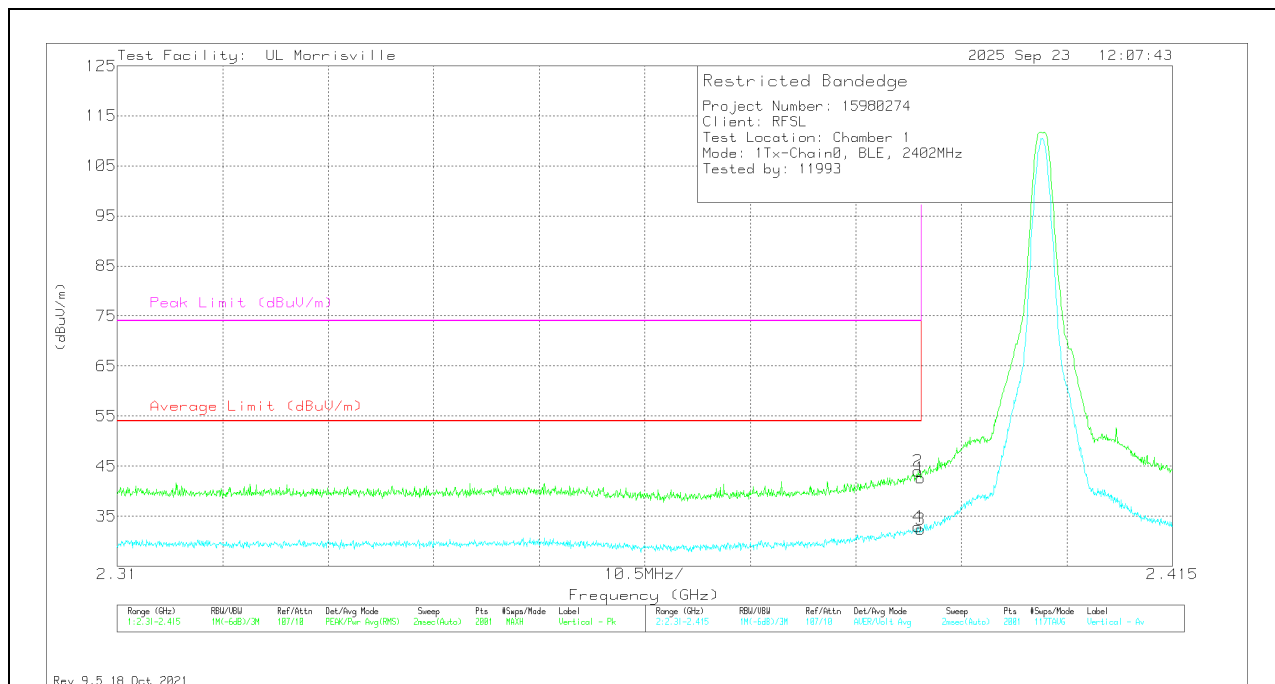
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	35.84	Pk	31.9	-25.1	0	42.64	-	-	74	-31.36	171	399	V
2	*** 2.3897	37.19	Pk	31.9	-25.1	0	43.99	-	-	74	-30.01	171	399	V
3	*** 2.38996	24.14	ADV	31.9	-25.1	1.41	32.35	54	-21.65	-	-	171	399	V
4	*** 2.3897	24.69	ADV	31.9	-25.1	1.41	32.9	54	-21.1	-	-	171	399	V

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

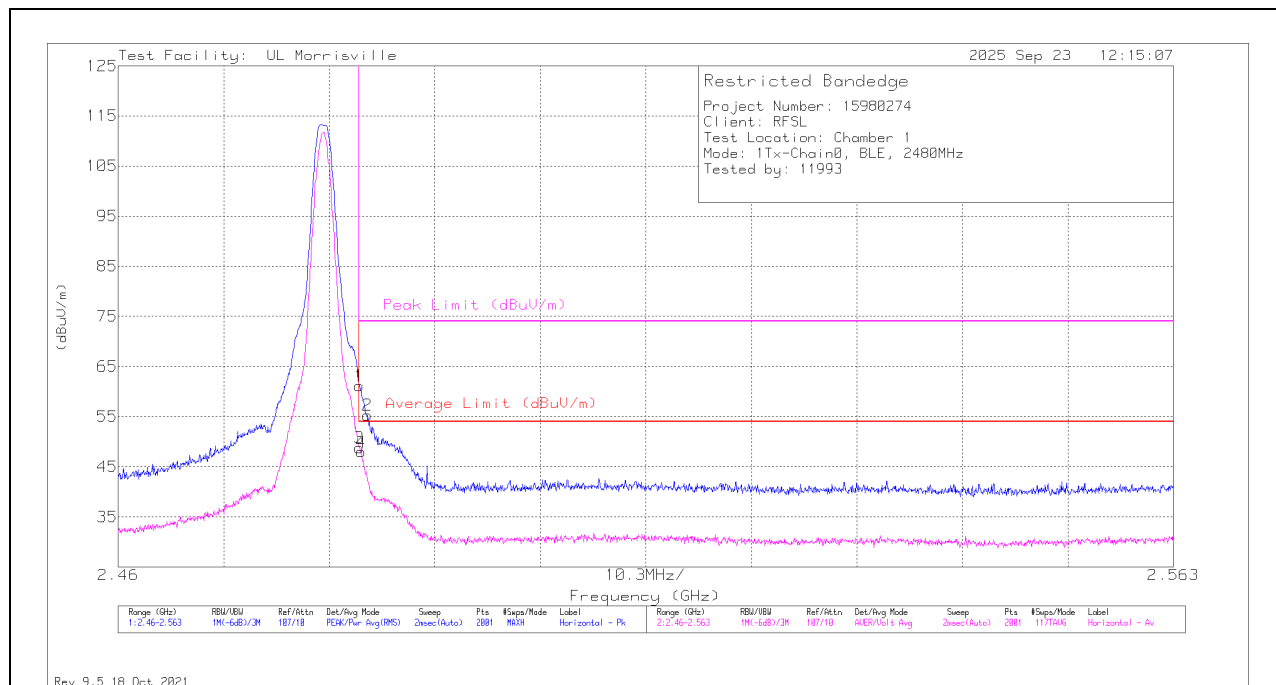
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

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	53.42	Pk	32.2	-24.4	0	61.22	-	-	74	-12.78	27	151	H
2	* ** 2.48431	47.5	Pk	32.2	-24.4	0	55.3	-	-	74	-18.7	27	151	H
3	* ** 2.48354	39.52	ADV	32.2	-24.4	1.41	48.73	54	-5.27	-	-	27	151	H
4	* ** 2.48374	38.75	ADV	32.2	-24.4	1.41	47.96	54	-6.04	-	-	27	151	H

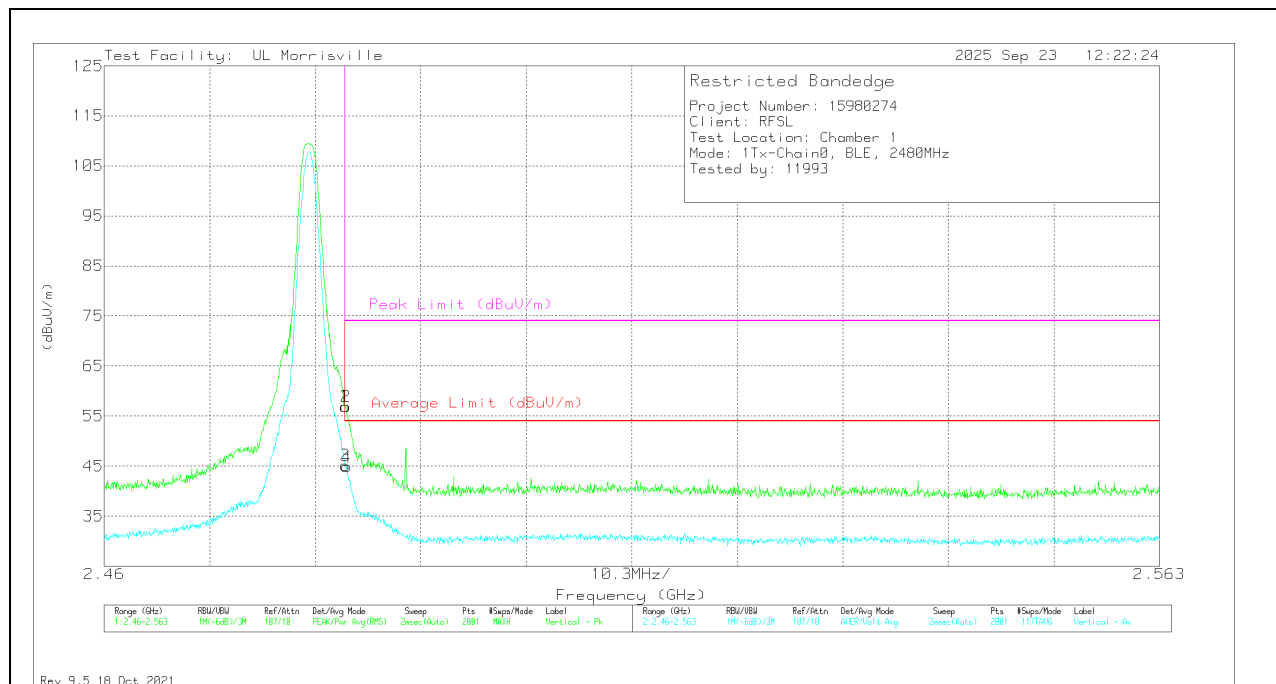
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	49.08	Pk	32.2	-24.4	0	56.88	-	-	74	-17.12	176	332	V
2	*** 2.48359	49.1	Pk	32.2	-24.4	0	56.9	-	-	74	-17.1	176	332	V
3	*** 2.48354	35.94	ADV	32.2	-24.4	1.41	45.15	54	-8.85	-	-	176	332	V
4	*** 2.48364	35.62	ADV	32.2	-24.4	1.41	44.83	54	-9.17	-	-	176	332	V

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

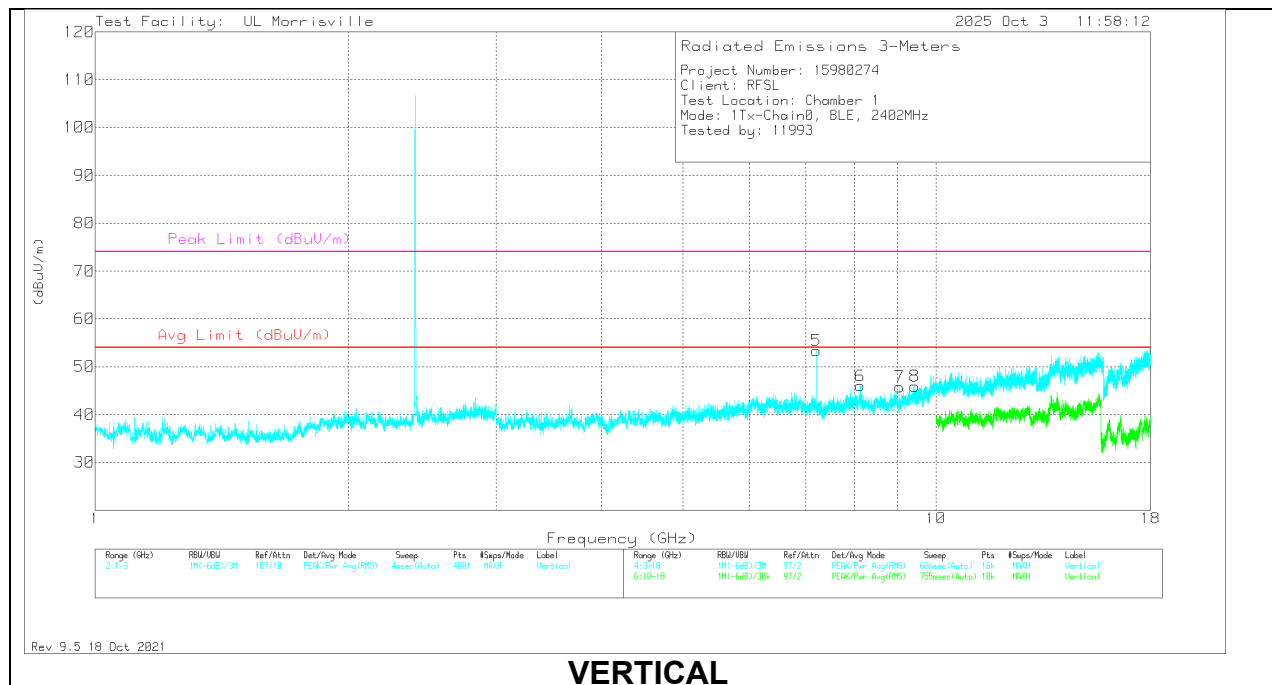
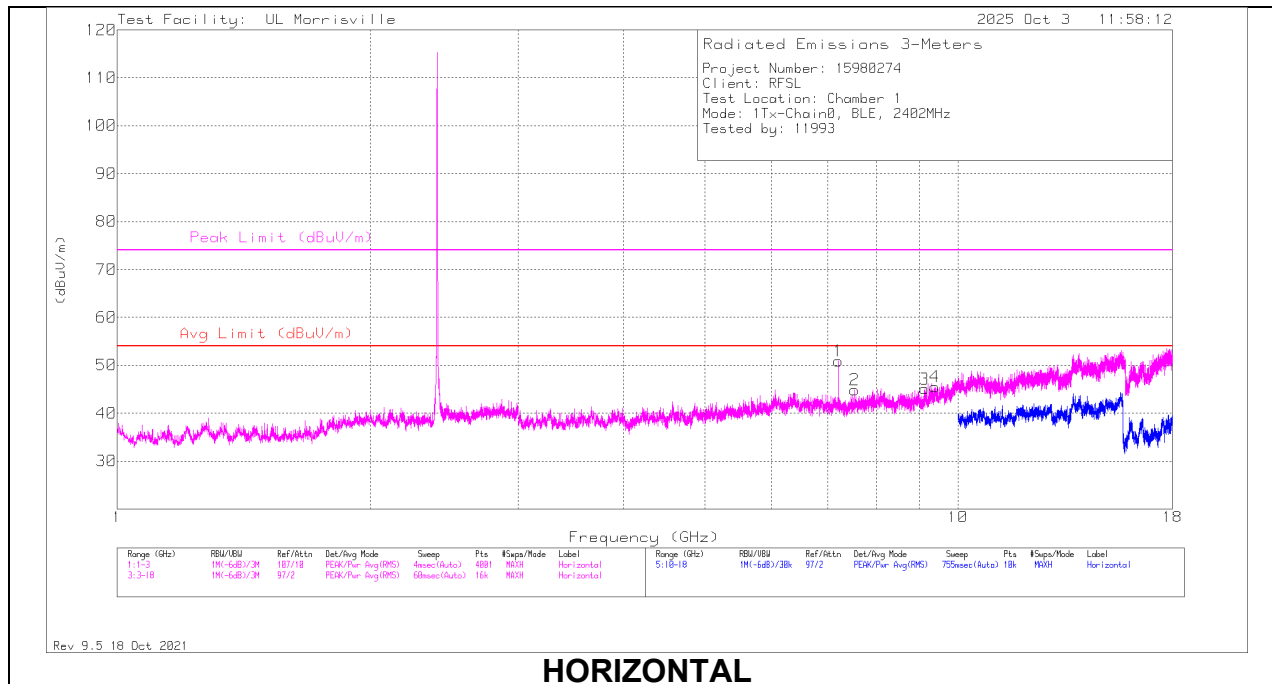
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

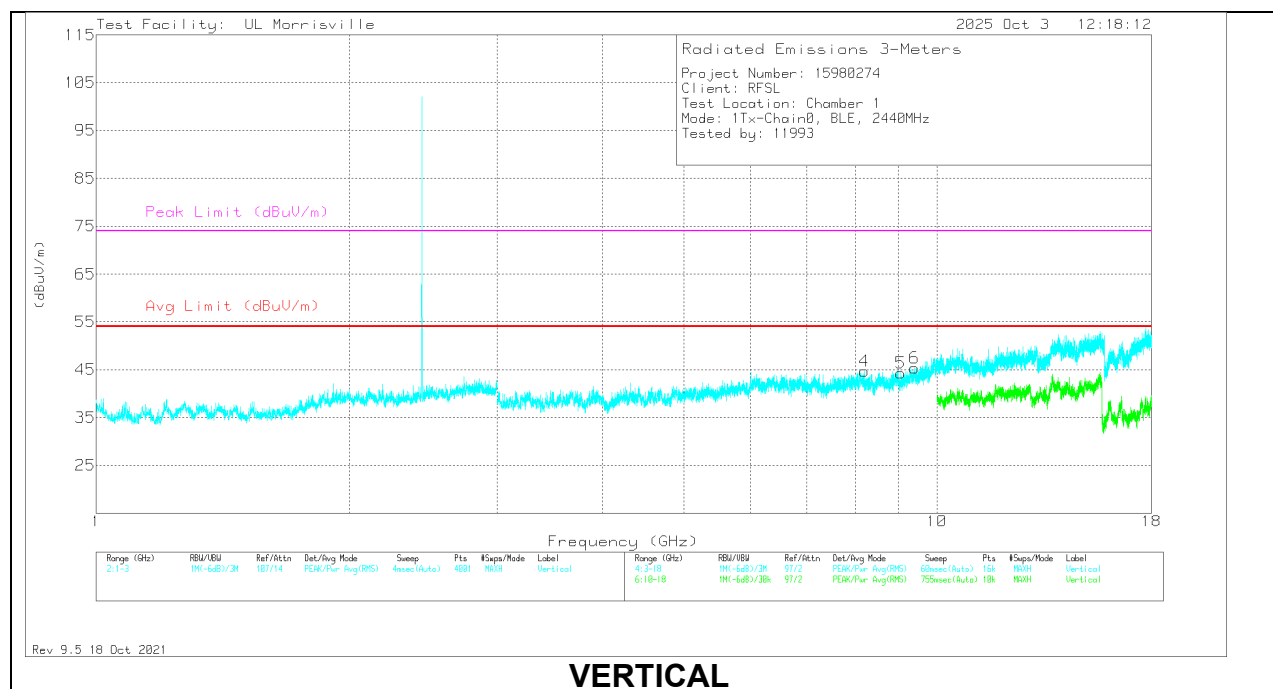
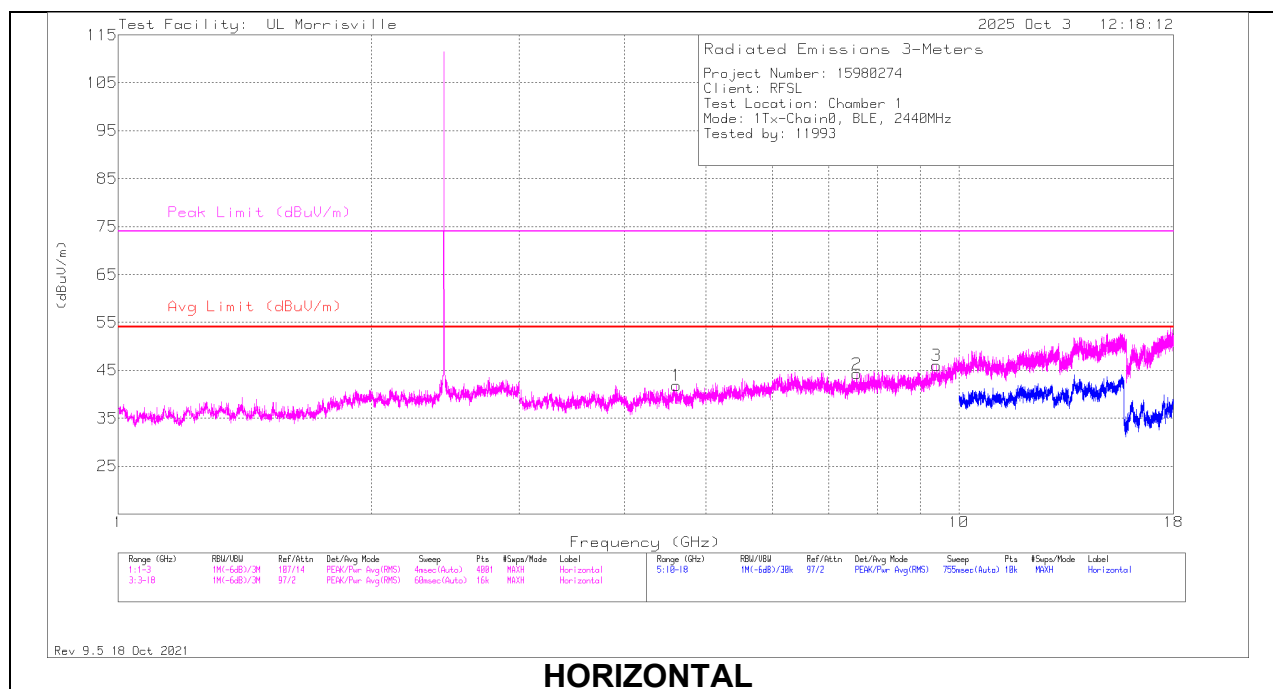
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 7.53281	51.22	Pk	35.5	-41.9	44.82	54	-9.18	74	-29.18	0-360	101	H
3	* ** 9.12844	50.86	Pk	35.9	-41.7	45.06	54	-8.94	74	-28.94	0-360	199	H
4	* ** 9.39469	50.13	Pk	36.3	-40.9	45.53	54	-8.47	74	-28.47	0-360	101	H
6	* ** 8.13469	52.28	Pk	35.9	-42.2	45.98	54	-8.02	74	-28.02	0-360	101	V
7	* ** 9.05344	51.49	Pk	35.8	-41.5	45.79	54	-8.21	74	-28.21	0-360	200	V
8	* ** 9.43125	50.93	Pk	36.3	-41.3	45.93	54	-8.07	74	-28.07	0-360	101	V
1	7.20469	57.87	Pk	35.4	-42.4	50.87	-	-	-	-	0-360	199	H
5	7.20469	60.39	Pk	35.4	-42.4	53.39	-	-	-	-	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

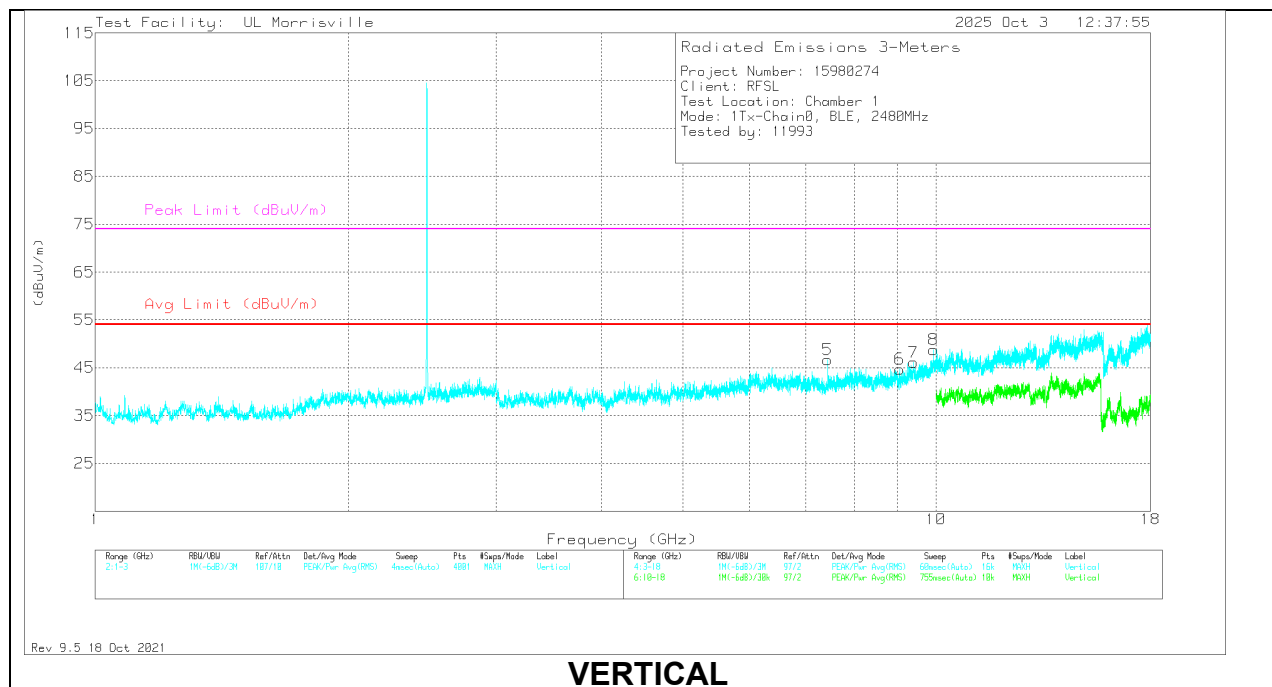
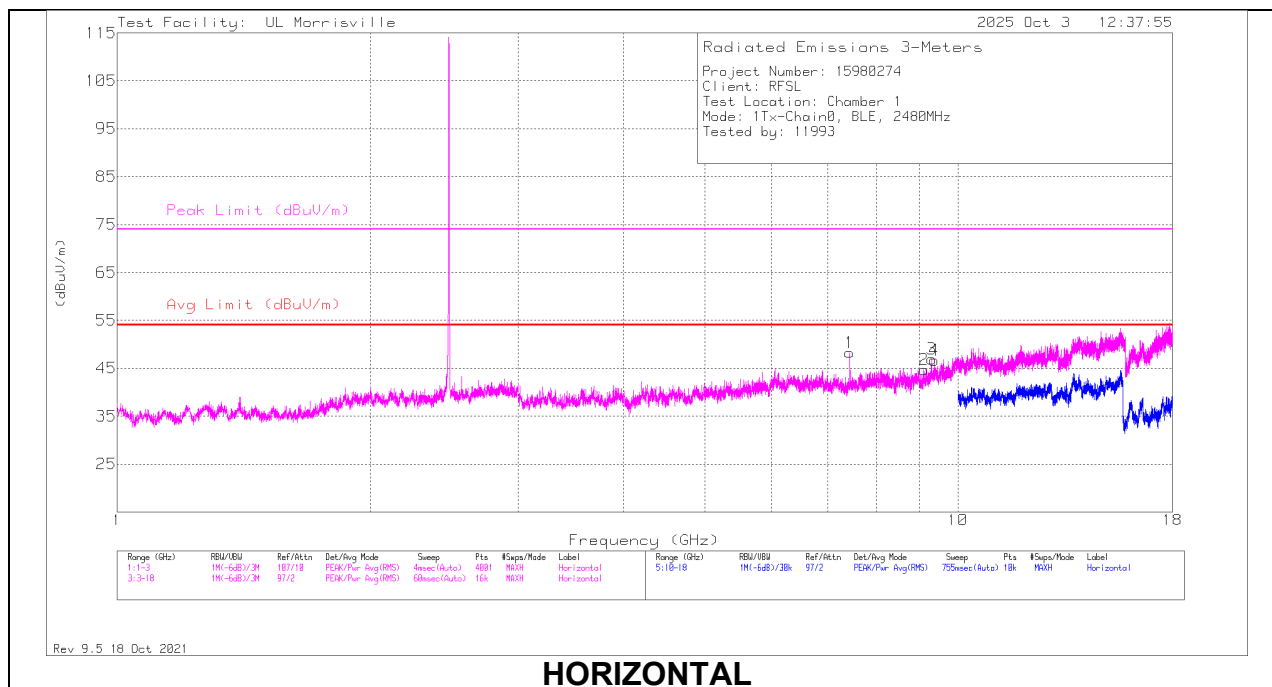
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.61063	54.98	Pk	33.9	-47.1	41.78	54	-12.22	74	-32.22	0-360	200	H
2	* ** 7.56938	50.45	Pk	35.5	-41.7	44.25	54	-9.75	74	-29.75	0-360	101	H
3	* ** 9.41156	50.44	Pk	36.3	-40.7	46.04	54	-7.96	74	-27.96	0-360	200	H
4	* ** 8.19844	50.55	Pk	35.9	-41.7	44.75	54	-9.25	74	-29.25	0-360	101	V
5	* ** 9.05063	50.36	Pk	35.8	-41.8	44.36	54	-9.64	74	-29.64	0-360	200	V
6	* ** 9.405	49.38	Pk	36.3	-40.3	45.38	54	-8.62	74	-28.62	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

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
1	*** 7.43924	57.05	PK2	35.4	-42.6	0	49.85	-	-	74	-24.15	268	110	H
	*** 7.44052	47.73	ADV	35.4	-42.6	1.41	41.94	54	-12.06	-	-	268	110	H
2	*** 9.1125	50.3	Pk	35.9	-41.5	0	44.7	54	-9.3	74	-29.3	0-360	101	H
3	*** 9.30563	50.96	Pk	36.1	-40.1	0	46.96	54	-7.04	74	-27.04	0-360	101	H
4	*** 9.37688	51.52	Pk	36.2	-41	0	46.72	54	-7.28	74	-27.28	0-360	200	H
5	*** 7.43906	53.9	Pk	35.4	-42.6	0	46.7	54	-7.3	74	-27.3	0-360	101	V
6	*** 9.05344	50.45	Pk	35.8	-41.5	0	44.75	54	-9.25	74	-29.25	0-360	101	V
7	*** 9.40688	49.99	Pk	36.3	-40.2	0	46.09	54	-7.91	74	-27.91	0-360	200	V
8	9.94125	51.37	Pk	37.5	-40.1	0	48.77	-	-	-	-	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

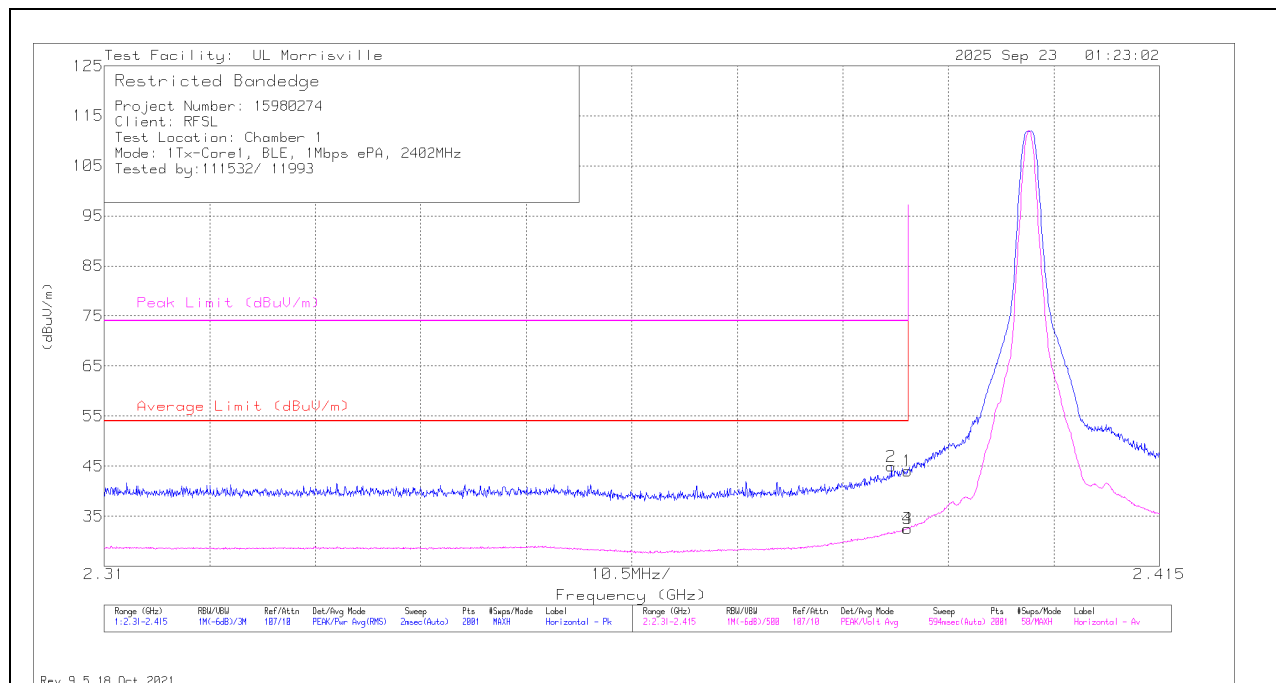
PK2 - Maximum Peak

ADV - Linear Voltage Average

Antenna 2

BANEDGE (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	37.2	Pk	31.9	-25.1	0	44	-	-	74	-30	113	129	H
2	*** 2.38833	38.15	Pk	31.9	-25.1	0	44.95	-	-	74	-29.05	113	129	H
3	*** 2.38996	24.33	V1TV	31.9	-25.1	1.41	32.54	54	-21.46	-	-	113	129	H
4	*** 2.38991	24.28	V1TV	31.9	-25.1	1.41	32.49	54	-21.51	-	-	113	129	H

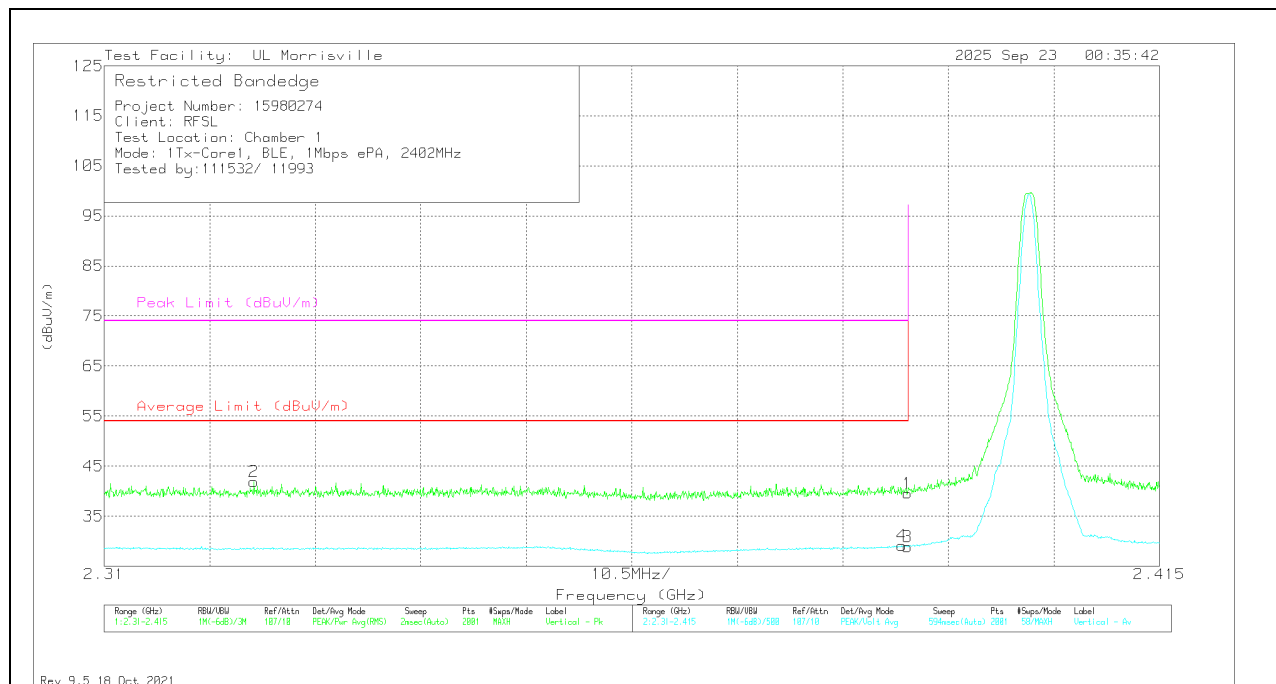
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV - Average where Peak detection is used and VBW = Ton is packet duration

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	-25.1	0	39.57	-	-	74	-34.43	76	203	V
2	*** 2.32491	35.07	Pk	31.7	-24.9	0	41.87	-	-	74	-32.13	76	203	V
3	*** 2.38996	20.63	V1TV	31.9	-25.1	1.41	28.84	54	-25.16	-	-	76	203	V
4	*** 2.38938	20.89	V1TV	31.9	-25.1	1.41	29.1	54	-24.9	-	-	76	203	V

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

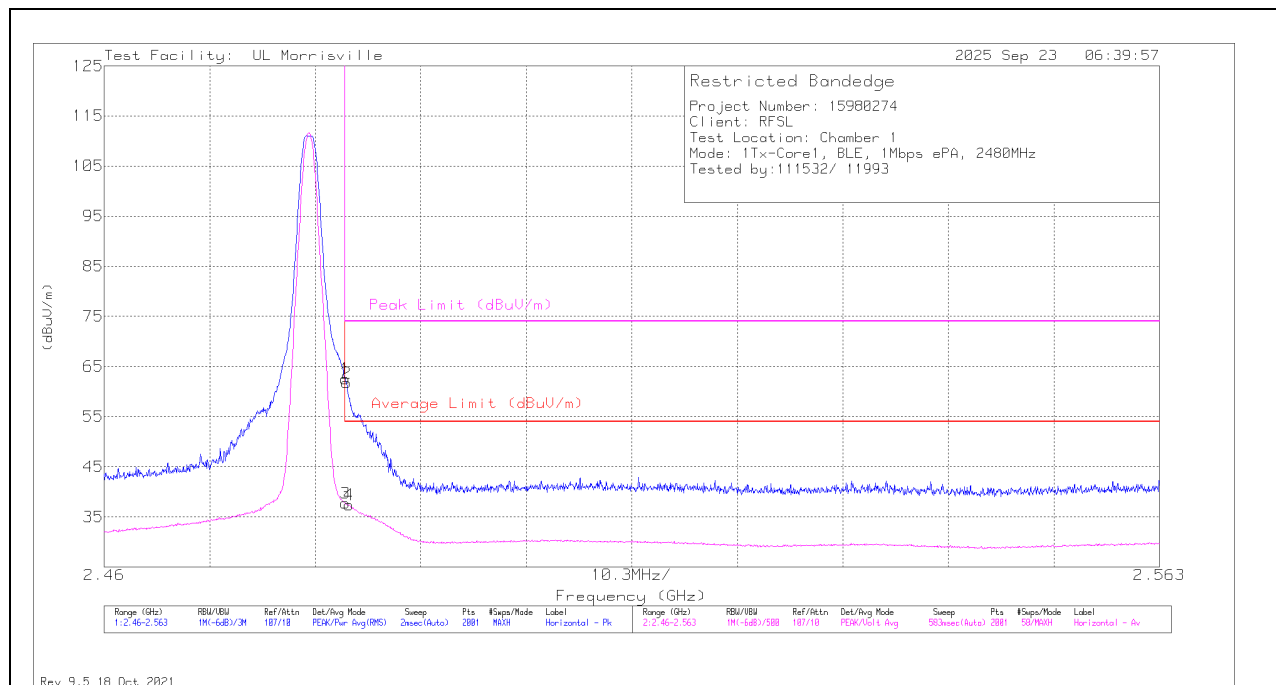
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV - Average where Peak detection is used and VBW = Ton is packet duration

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	54.78	Pk	32.2	-24.4	0	62.58	-	-	74	-11.42	350	105	H
2	* ** 2.48364	53.93	Pk	32.2	-24.4	0	61.73	-	-	74	-12.27	350	105	H
3	* ** 2.48354	28.5	V1TV	32.2	-24.4	1.41	37.71	54	-16.29	-	-	350	105	H
4	* ** 2.4839	28.13	V1TV	32.2	-24.4	1.41	37.34	54	-16.66	-	-	350	105	H

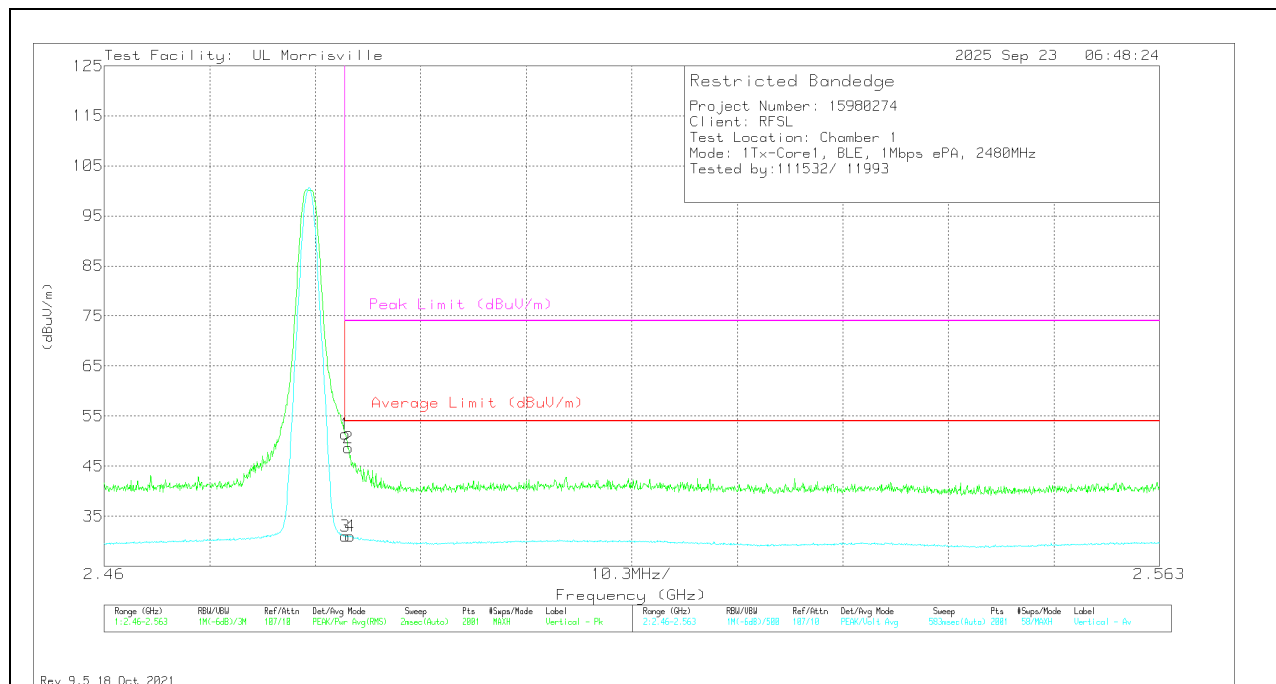
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV - Average where Peak detection is used and VBW = Ton is packet duration

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	43.62	Pk	32.2	-24.4	0	51.42	-	-	74	-22.58	325	243	V
2	*** 2.48384	40.85	Pk	32.2	-24.4	0	48.65	-	-	74	-25.35	325	243	V
3	*** 2.48354	21.8	V1TV	32.2	-24.4	1.41	31.01	54	-22.99	-	-	325	243	V
4	** 2.484	21.8	V1TV	32.2	-24.4	1.41	31.01	54	-22.99	-	-	325	243	V

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

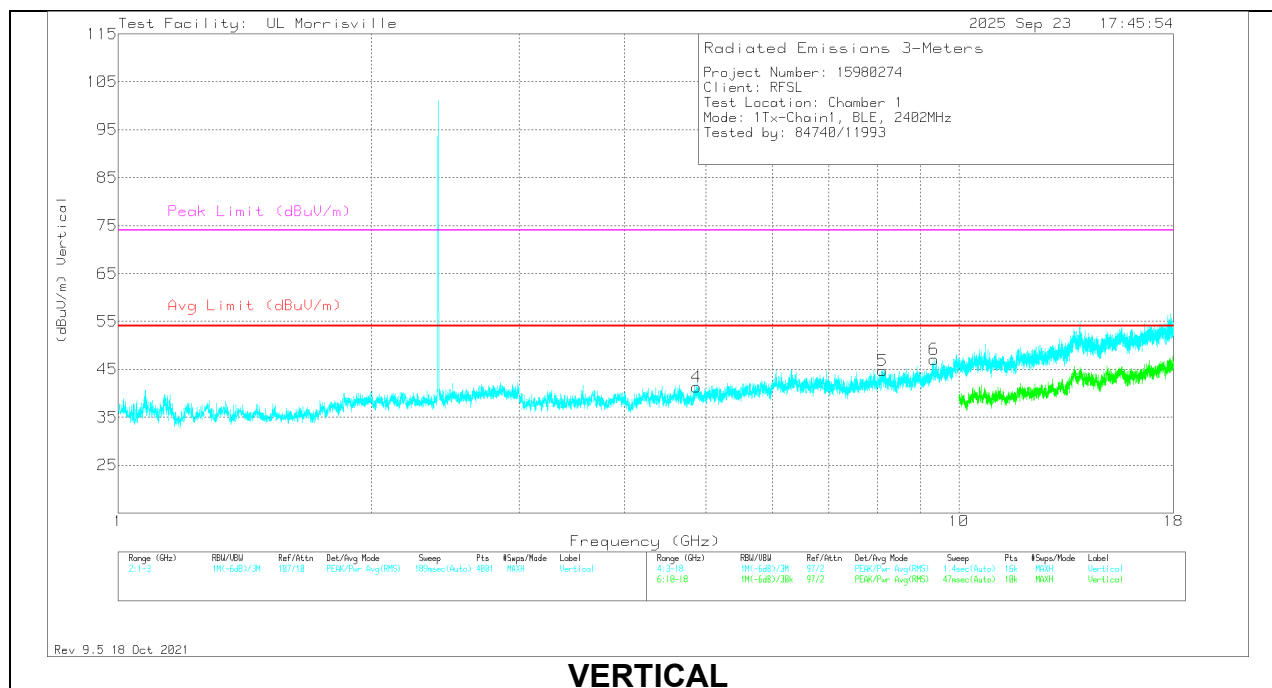
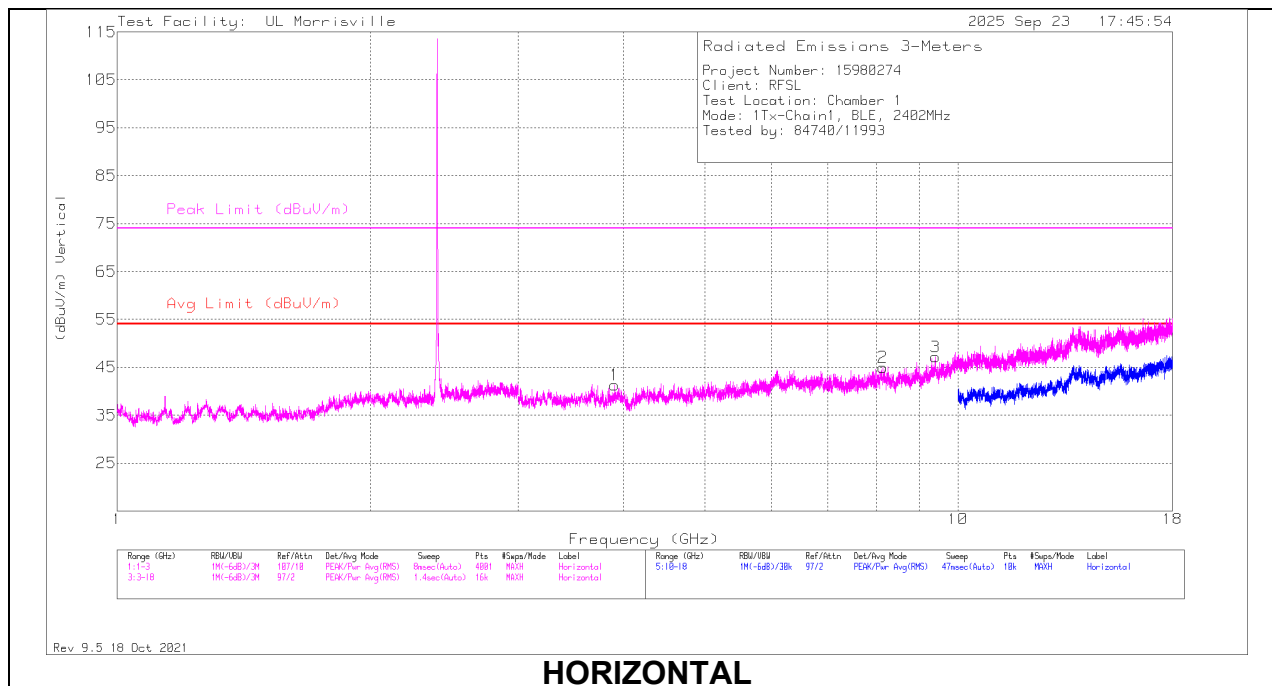
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

V1TV - Average where Peak detection is used and VBW = Ton is packet duration

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

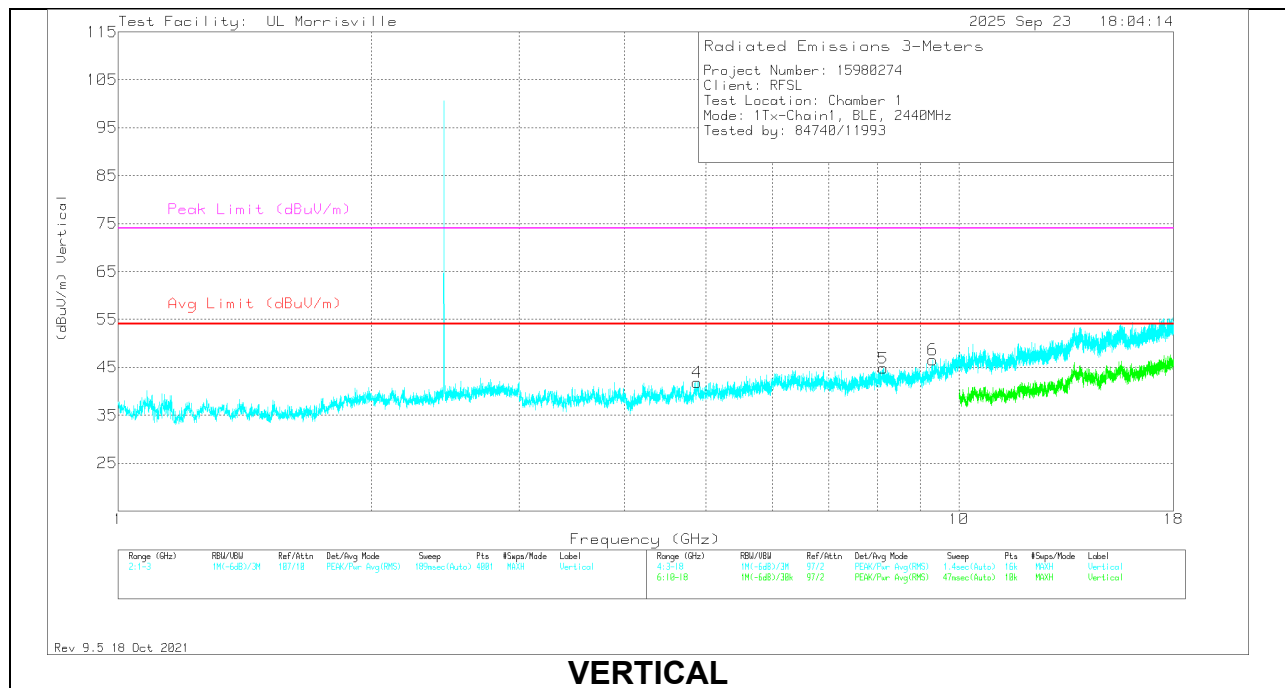
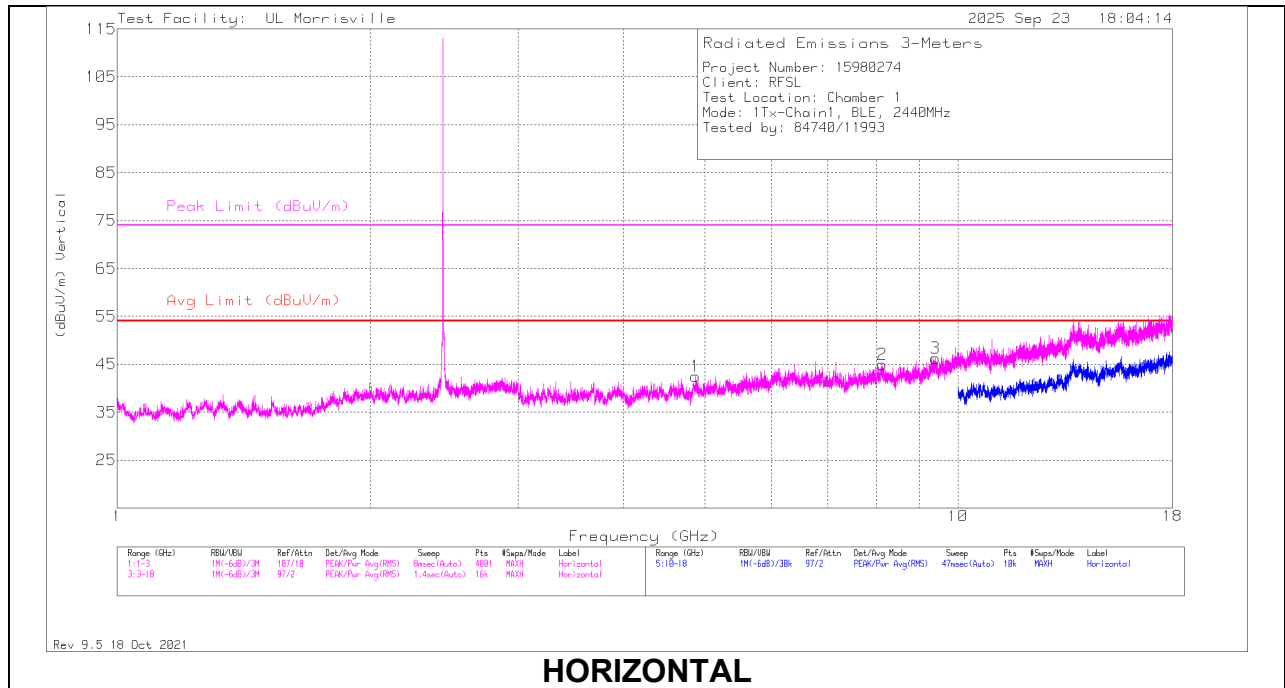
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 3.90656	53.03	Pk	32.9	-44.6	0	41.33	54	-12.67	74	-32.67	0-360	199	H
2	* ** 8.14125	50.68	Pk	35.9	-41.6	0	44.98	54	-9.02	74	-29.02	0-360	199	H
3	* ** 9.40688	51.04	Pk	36.3	-40.2	0	47.14	54	-6.86	74	-26.86	0-360	101	H
4	* ** 4.87313	52.95	Pk	34	-45.6	0	41.35	54	-12.65	74	-32.65	0-360	101	V
5	* ** 8.115	50.46	Pk	35.9	-41.6	0	44.76	54	-9.24	74	-29.24	0-360	101	V
6	* ** 9.34313	51.32	Pk	36.2	-40.4	0	47.12	54	-6.88	74	-26.88	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

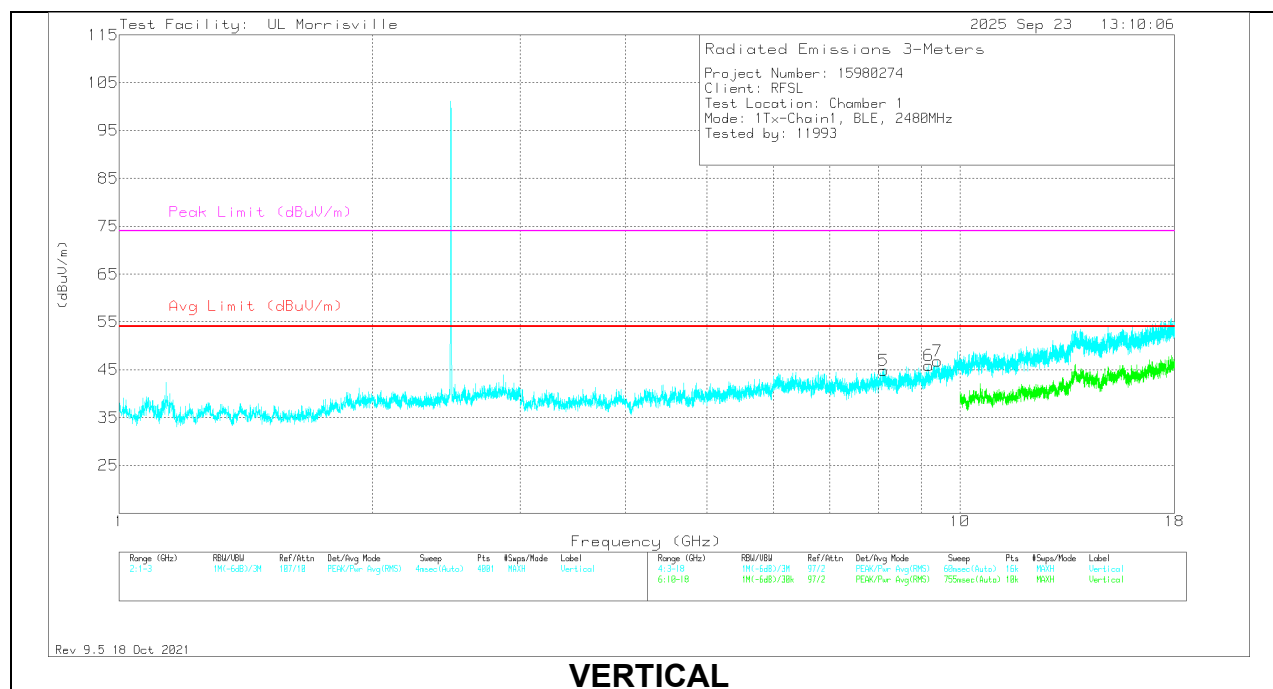
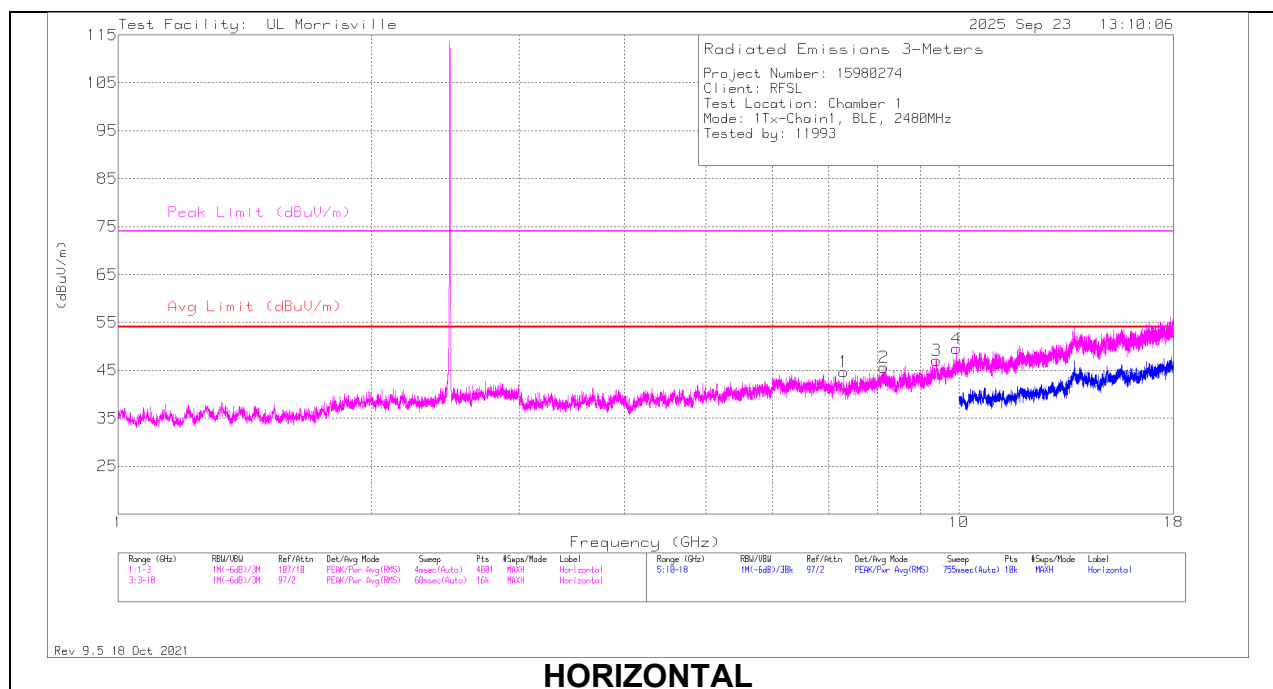
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.87688	53.79	Pk	34	-45.3	0	42.49	54	-11.51	74	-31.51	0-360	200	H
2	* ** 8.12813	51.42	Pk	35.9	-42.3	0	45.02	54	-8.98	74	-28.98	0-360	200	H
3	* ** 9.40313	50.34	Pk	36.3	-40.4	0	46.24	54	-7.76	74	-27.76	0-360	200	H
4	* ** 4.88156	53.27	Pk	34	-45.4	0	41.87	54	-12.13	74	-32.13	0-360	200	V
5	* ** 8.13375	51.08	Pk	35.9	-42.2	0	44.78	54	-9.22	74	-29.22	0-360	101	V
6	* ** 9.30938	50.51	Pk	36.1	-40.1	0	46.51	54	-7.49	74	-27.49	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.29656	51.79	Pk	35.4	-42.5	44.69	54	-9.31	74	-29.31	0-360	200	H
2	* ** 8.14406	51.01	Pk	35.9	-41.3	45.61	54	-8.39	74	-28.39	0-360	101	H
3	* ** 9.40219	51.19	Pk	36.3	-40.4	47.09	54	-6.91	74	-26.91	0-360	101	H
5	* ** 8.11219	50.46	Pk	35.9	-41.5	44.86	54	-9.14	74	-29.14	0-360	101	V
6	* ** 9.17625	51.19	Pk	36	-41.3	45.89	54	-8.11	74	-28.11	0-360	200	V
7	* ** 9.40688	50.71	Pk	36.3	-40.2	46.81	54	-7.19	74	-27.19	0-360	101	V
4	9.93375	51.7	Pk	37.5	-39.7	49.5	-	-	-	-	0-360	101	H

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

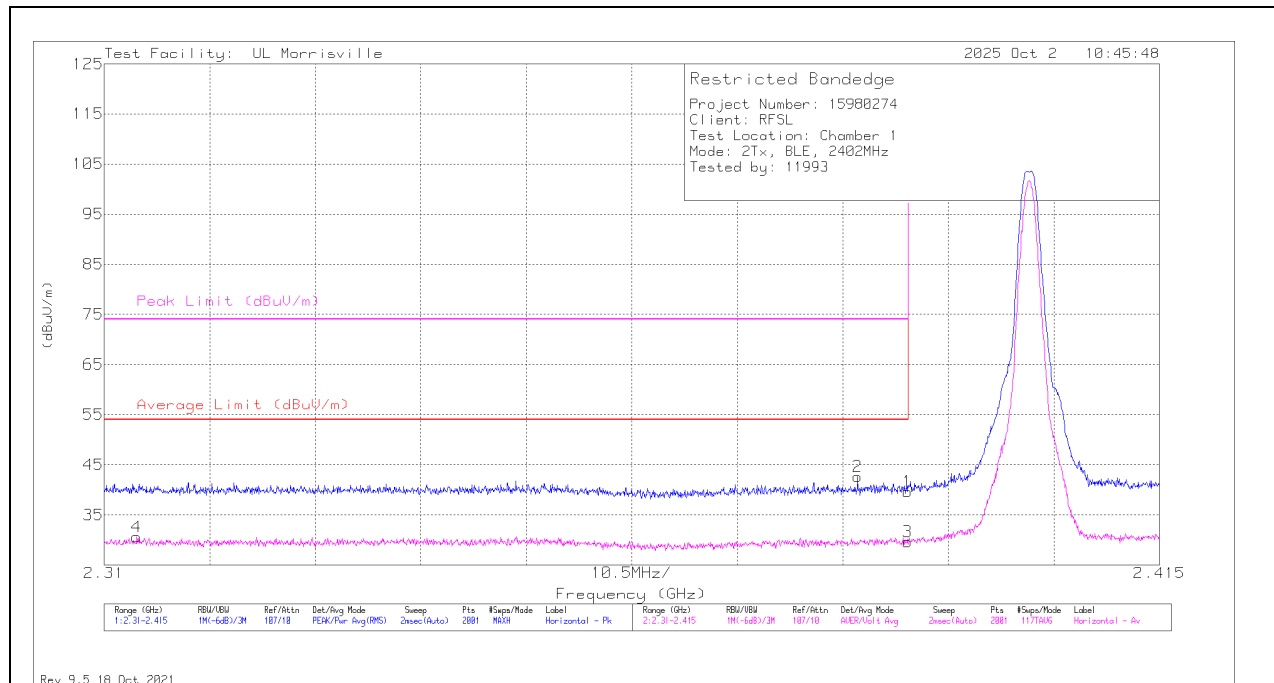
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MIMO

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	32.85	Pk	31.9	-25.1	0	39.65	-	-	74	-34.35	343	288	H
2	* ** 2.38497	35.97	Pk	31.9	-25.2	0	42.67	-	-	74	-31.33	343	288	H
3	* ** 2.38996	21.45	ADV	31.9	-25.1	1.41	29.66	54	-24.34	-	-	343	288	H
4	* ** 2.31326	22.26	ADV	31.7	-24.8	1.41	30.57	54	-23.43	-	-	343	288	H

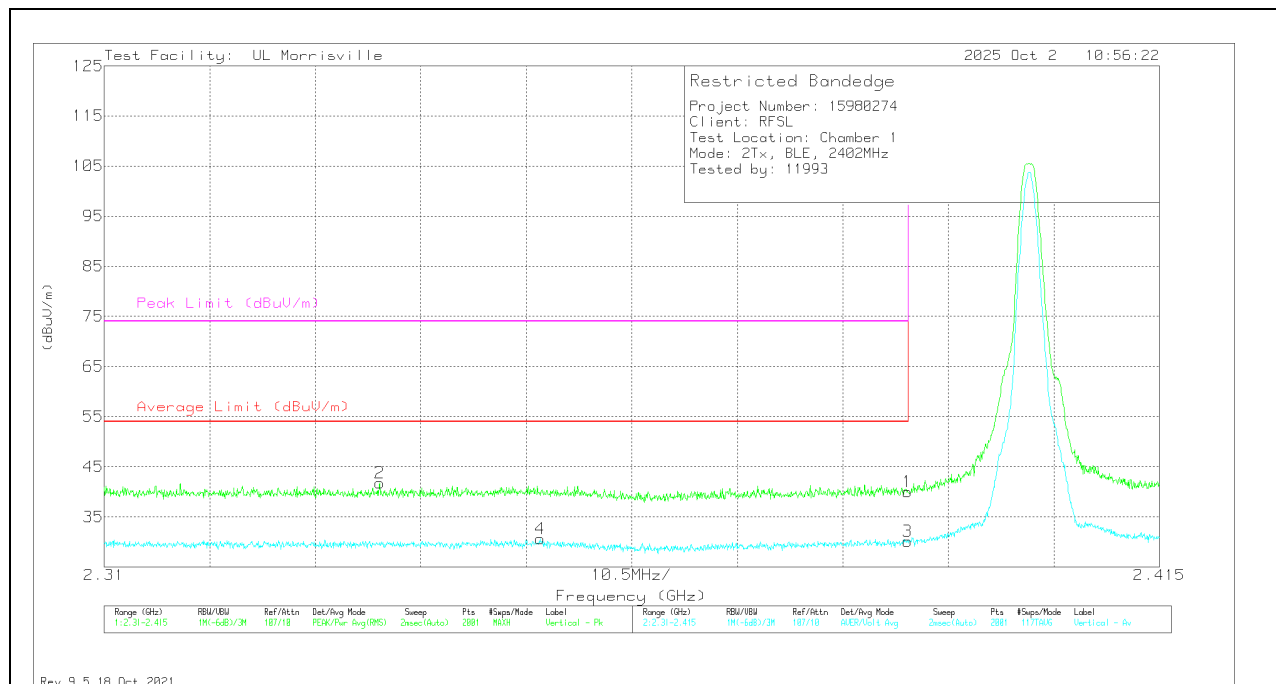
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	33.24	Pk	31.9	-25.1	0	40.04	-	-	74	-33.96	57	239	V
2	*** 2.33741	34.83	Pk	31.8	-24.9	0	41.73	-	-	74	-32.27	57	239	V
3	*** 2.38996	21.9	ADV	31.9	-25.1	1.41	30.11	54	-23.89	-	-	57	239	V
4	*** 2.35337	22.06	ADV	31.8	-24.6	1.41	30.67	54	-23.33	-	-	57	239	V

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

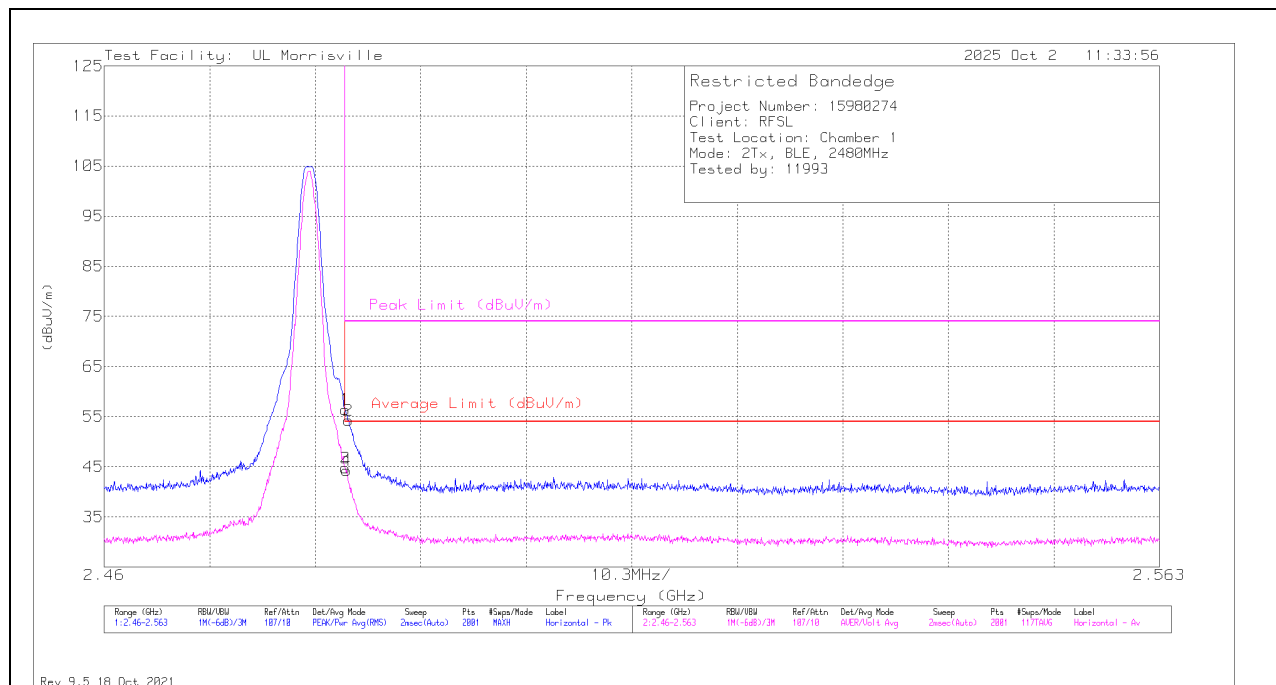
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

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	48.66	Pk	32.2	-24.4	0	56.46	-	-	74	-17.54	5	239	H
2	* ** 2.48384	46.43	Pk	32.2	-24.4	0	54.23	-	-	74	-19.77	5	239	H
3	* ** 2.48354	35.51	ADV	32.2	-24.4	1.41	44.72	54	-9.28	-	-	5	239	H
4	* ** 2.48364	35.09	ADV	32.2	-24.4	1.41	44.3	54	-9.7	-	-	5	239	H

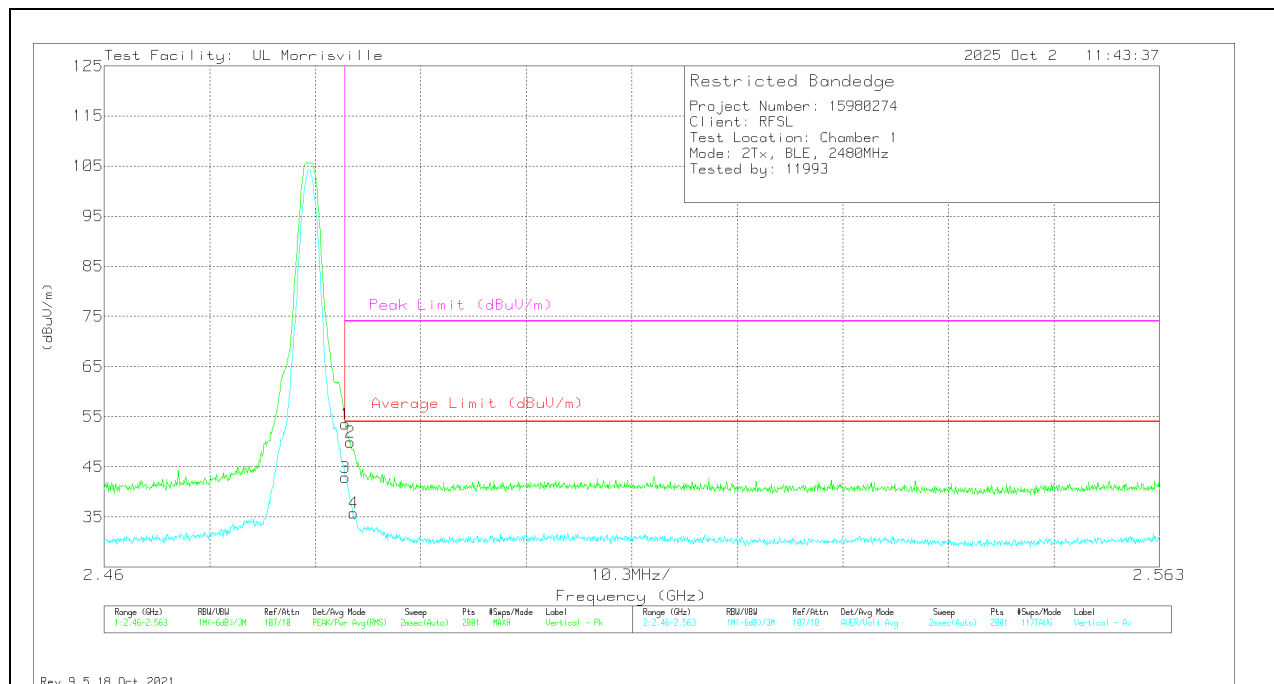
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	45.68	Pk	32.2	-24.4	0	53.48	-	-	74	-20.52	24	230	V
2	* ** 2.484	42.13	Pk	32.2	-24.4	0	49.93	-	-	74	-24.07	24	230	V
3	* ** 2.48354	33.63	ADV	32.2	-24.4	1.41	42.84	54	-11.16	-	-	24	230	V
4	* ** 2.48436	26.57	ADV	32.2	-24.4	1.41	35.78	54	-18.22	-	-	24	230	V

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

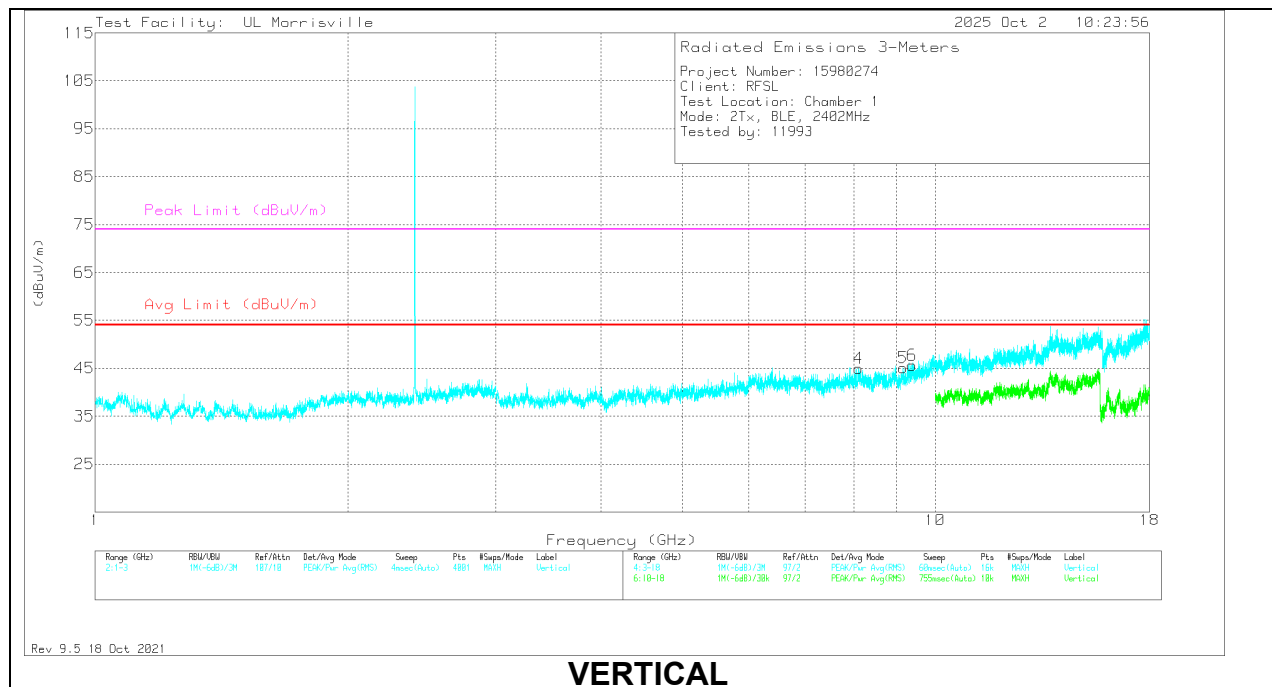
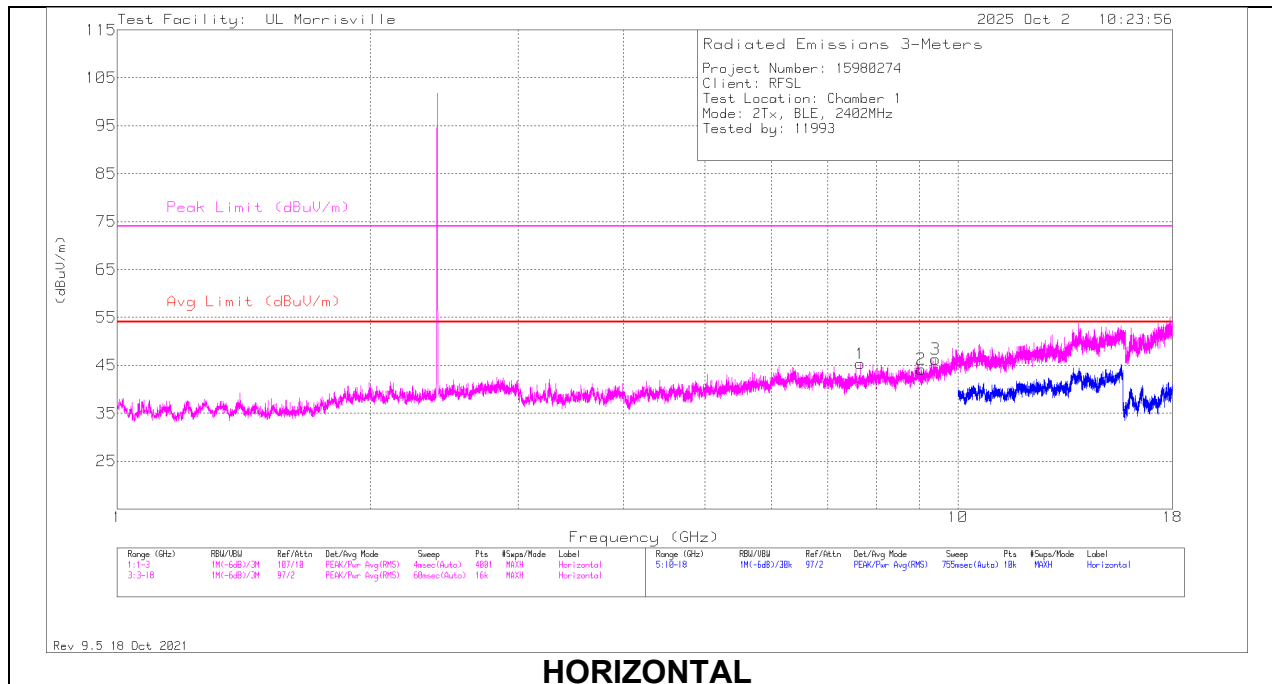
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

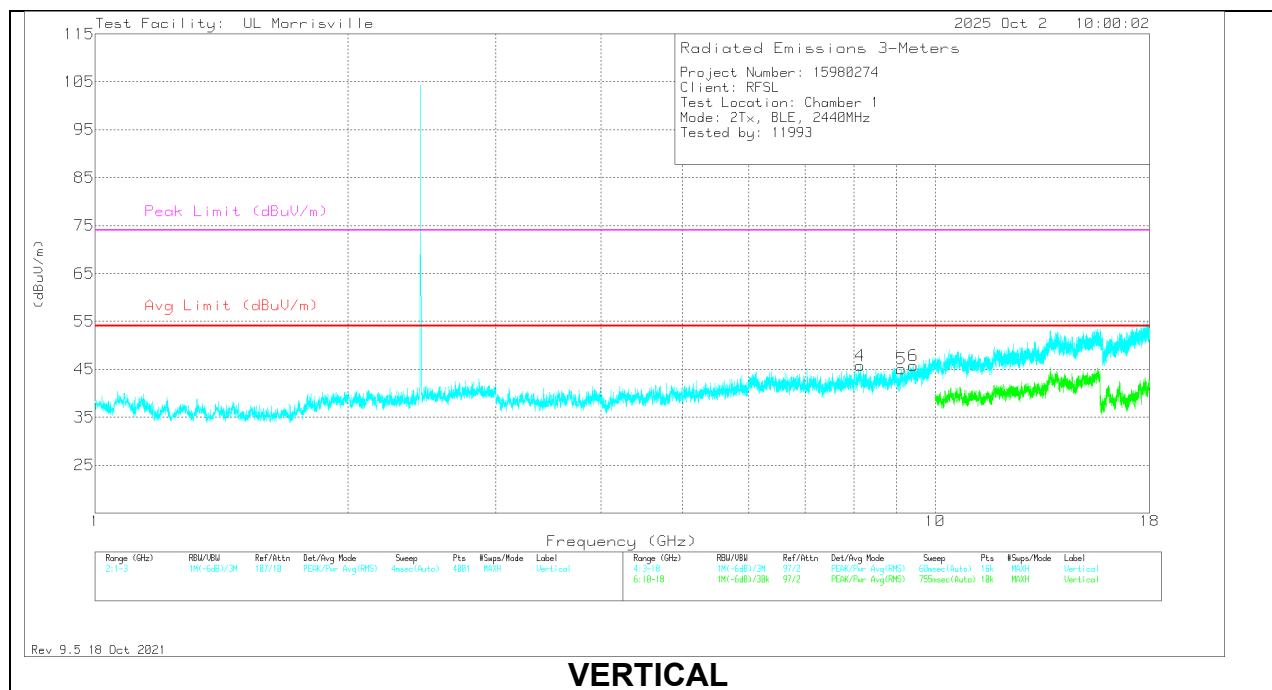
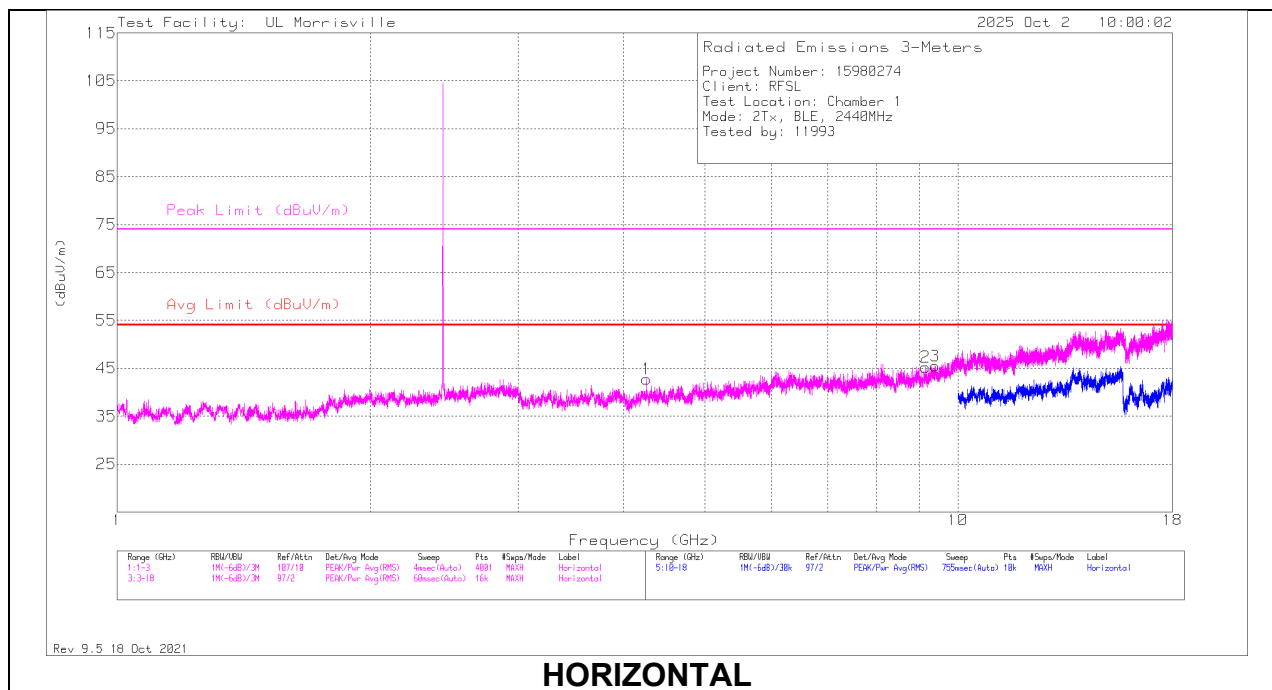
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.65844	51.8	Pk	35.6	-42.1	45.3	54	-8.7	74	-28.7	0-360	200	H
2	* ** 9.0375	50.54	Pk	35.8	-42.2	44.14	54	-9.86	74	-29.86	0-360	101	H
3	* ** 9.40969	50.44	Pk	36.3	-40.5	46.24	54	-7.76	74	-27.76	0-360	101	H
4	* ** 8.10844	50.51	Pk	35.9	-41.4	45.01	54	-8.99	74	-28.99	0-360	200	V
5	* ** 9.15938	50.63	Pk	35.9	-41.4	45.13	54	-8.87	74	-28.87	0-360	101	V
6	* ** 9.39375	50.38	Pk	36.3	-41	45.68	54	-8.32	74	-28.32	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

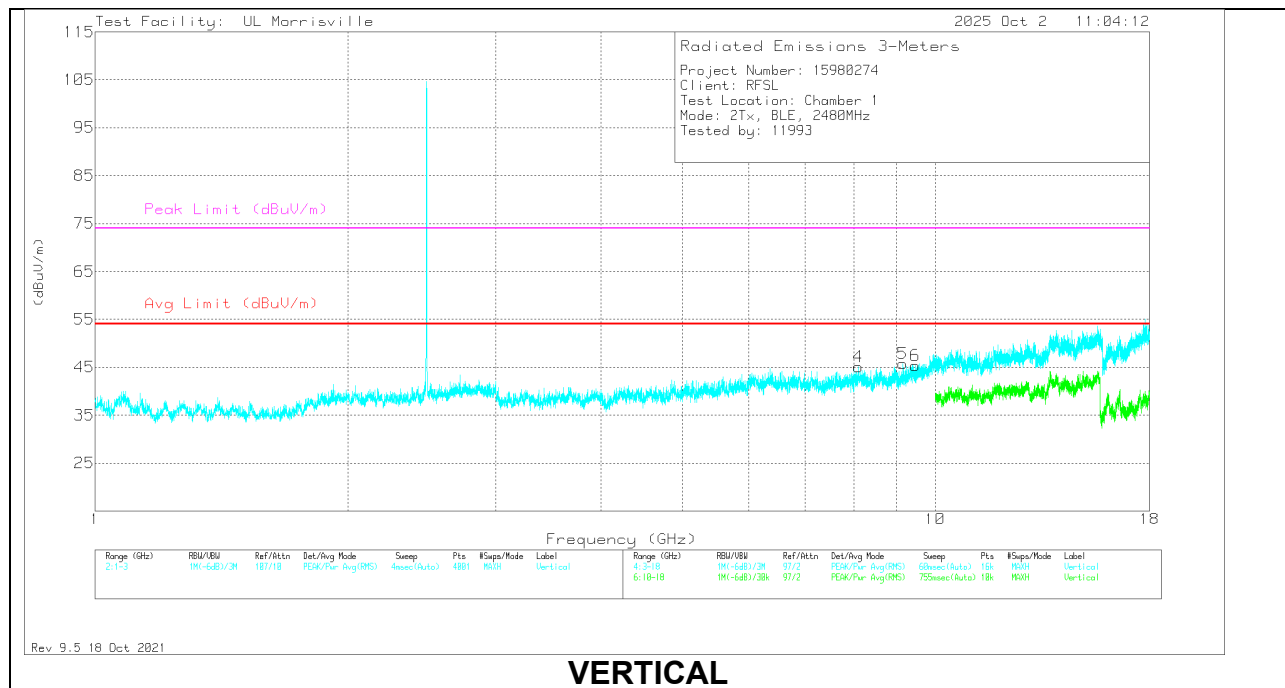
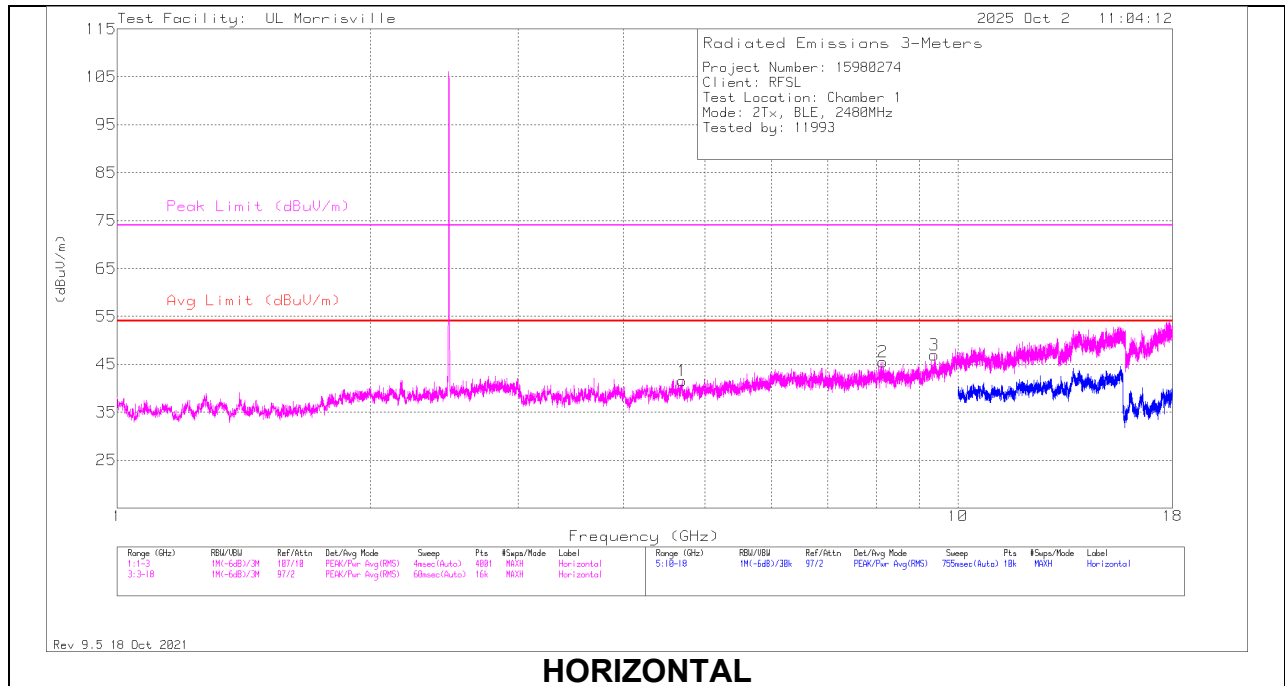
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.26375	54.16	Pk	33.7	-45.1	42.76	54	-11.24	74	-31.24	0-360	200	H
2	* ** 9.15188	49.97	Pk	35.9	-40.6	45.27	54	-8.73	74	-28.73	0-360	200	H
3	* ** 9.39844	49.74	Pk	36.3	-40.6	45.44	54	-8.56	74	-28.56	0-360	200	H
4	* ** 8.14688	50.91	Pk	35.9	-41.1	45.71	54	-8.29	74	-28.29	0-360	200	V
5	* ** 9.11438	50.72	Pk	35.9	-41.5	45.12	54	-8.88	74	-28.88	0-360	101	V
6	* ** 9.4275	50.54	Pk	36.3	-41.1	45.74	54	-8.26	74	-28.26	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

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4.69781	53.32	Pk	33.8	-45.5	41.62	54	-12.38	74	-32.38	0-360	101	H
2	* ** 8.14594	50.74	Pk	35.9	-41.1	45.54	54	-8.46	74	-28.46	0-360	101	H
3	* ** 9.38156	52	Pk	36.2	-41.3	46.9	54	-7.1	74	-27.1	0-360	101	H
4	* ** 8.10469	50.5	Pk	35.9	-41.3	45.1	54	-8.9	74	-28.9	0-360	101	V
5	* ** 9.15094	50.37	Pk	35.9	-40.5	45.77	54	-8.23	74	-28.23	0-360	200	V
6	* ** 9.46594	50.89	Pk	36.4	-41.9	45.39	54	-8.61	74	-28.61	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

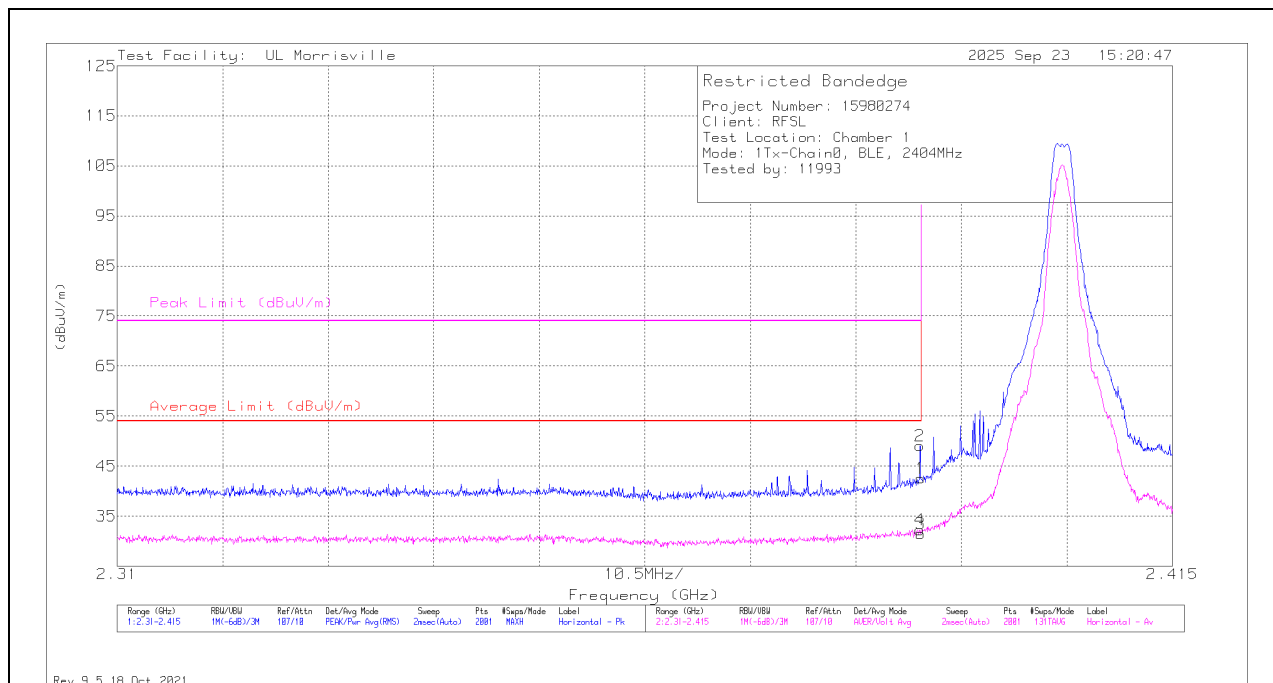
Pk - Peak detector

11.1.4. BLE (2Mbps)

Antenna 1

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	35.77	Pk	31.9	-25.1	0	42.57	-	-	74	-31.43	282	283	H
2	* ** 2.38985	42.28	Pk	31.9	-25.1	0	49.08	-	-	74	-24.92	282	283	H
3	* ** 2.38996	22.35	ADV	31.9	-25.1	2.36	31.51	54	-22.49	-	-	282	283	H
4	* ** 2.38985	23.11	ADV	31.9	-25.1	2.36	32.27	54	-21.73	-	-	282	283	H

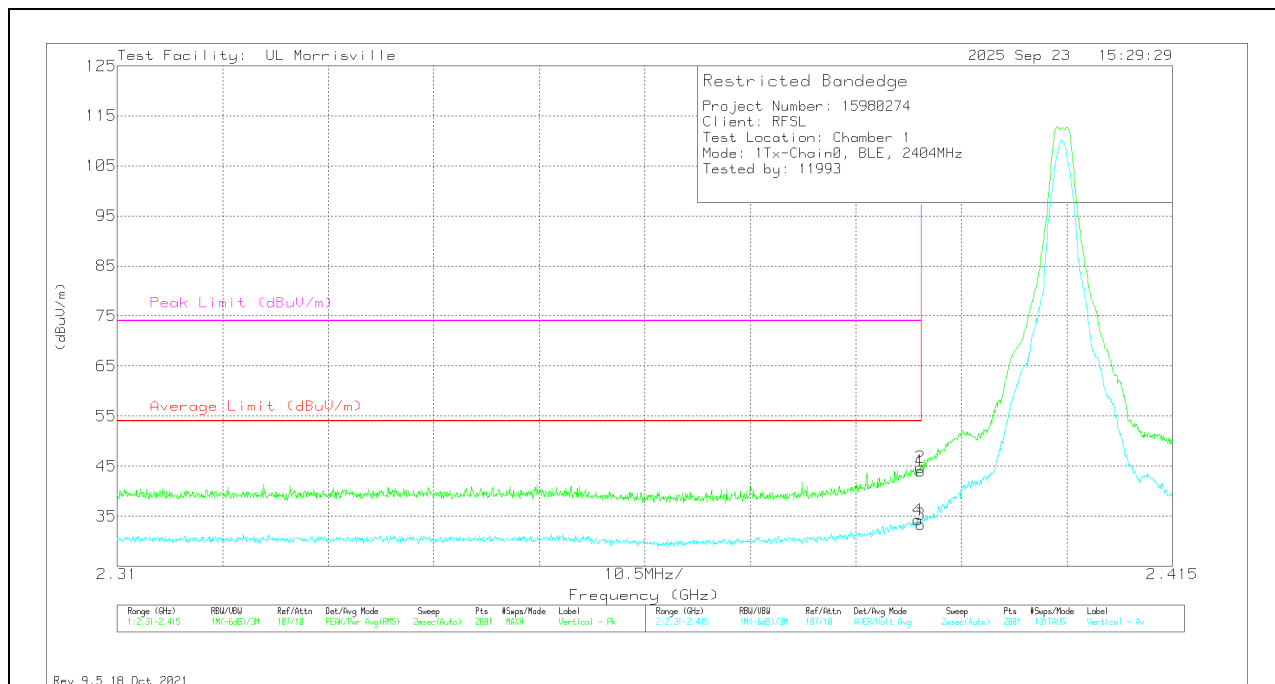
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	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	37.22	Pk	31.9	-25.1	0	44.02	-	-	74	-29.98	11	201	V
2	*** 2.38991	37.96	Pk	31.9	-25.1	0	44.76	-	-	74	-29.24	11	201	V
3	*** 2.38996	24.23	ADV	31.9	-25.1	2.36	33.39	54	-20.61	-	-	11	201	V
4	*** 2.3897	25.05	ADV	31.9	-25.1	2.36	34.21	54	-19.79	-	-	11	201	V

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

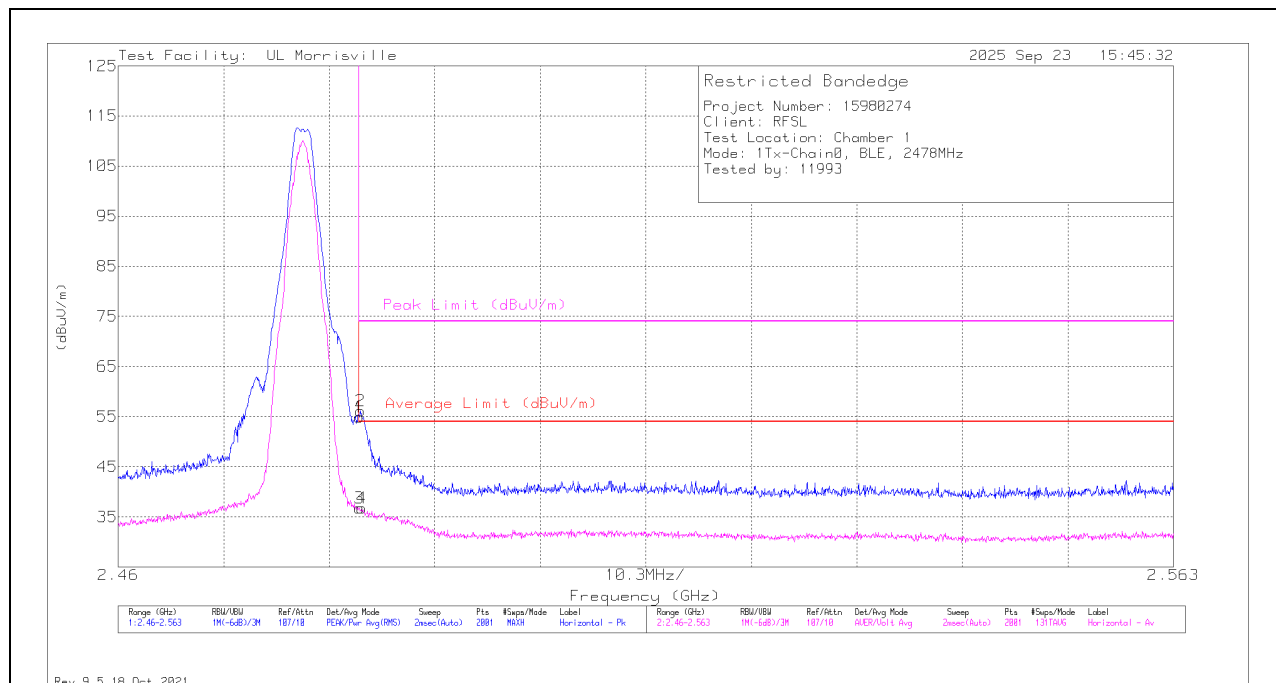
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

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	47.07	Pk	32.2	-24.4	0	54.87	-	-	74	-19.13	115	185	H
2	* ** 2.48364	48.34	Pk	32.2	-24.4	0	56.14	-	-	74	-17.86	115	185	H
3	* ** 2.48354	26.62	ADV	32.2	-24.4	2.36	36.78	54	-17.22	-	-	115	185	H
4	* ** 2.48379	26.65	ADV	32.2	-24.4	2.36	36.81	54	-17.19	-	-	115	185	H

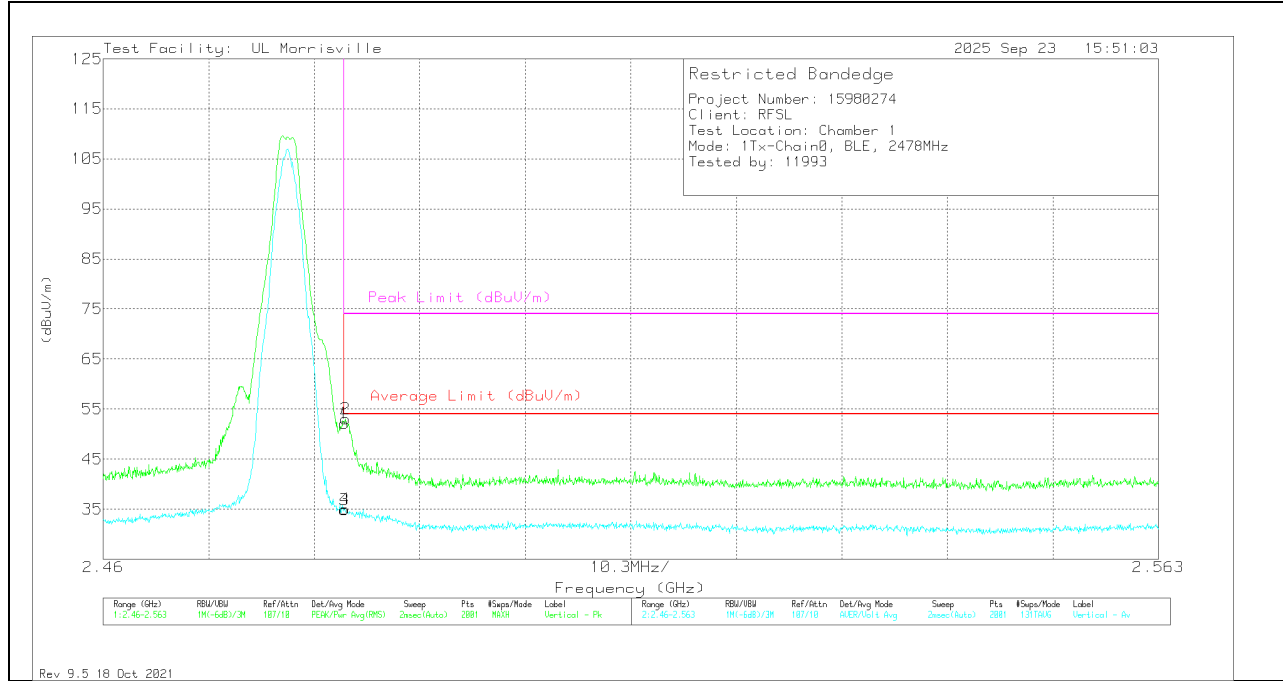
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	44.39	Pk	32.2	-24.4	0	52.19	-	-	74	-21.81	138	369	V
2	*** 2.48364	45.28	Pk	32.2	-24.4	0	53.08	-	-	74	-20.92	138	369	V
3	*** 2.48354	24.73	ADV	32.2	-24.4	2.36	34.89	54	-19.11	-	-	138	369	V
4	*** 2.48359	24.83	ADV	32.2	-24.4	2.36	34.99	54	-19.01	-	-	138	369	V

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

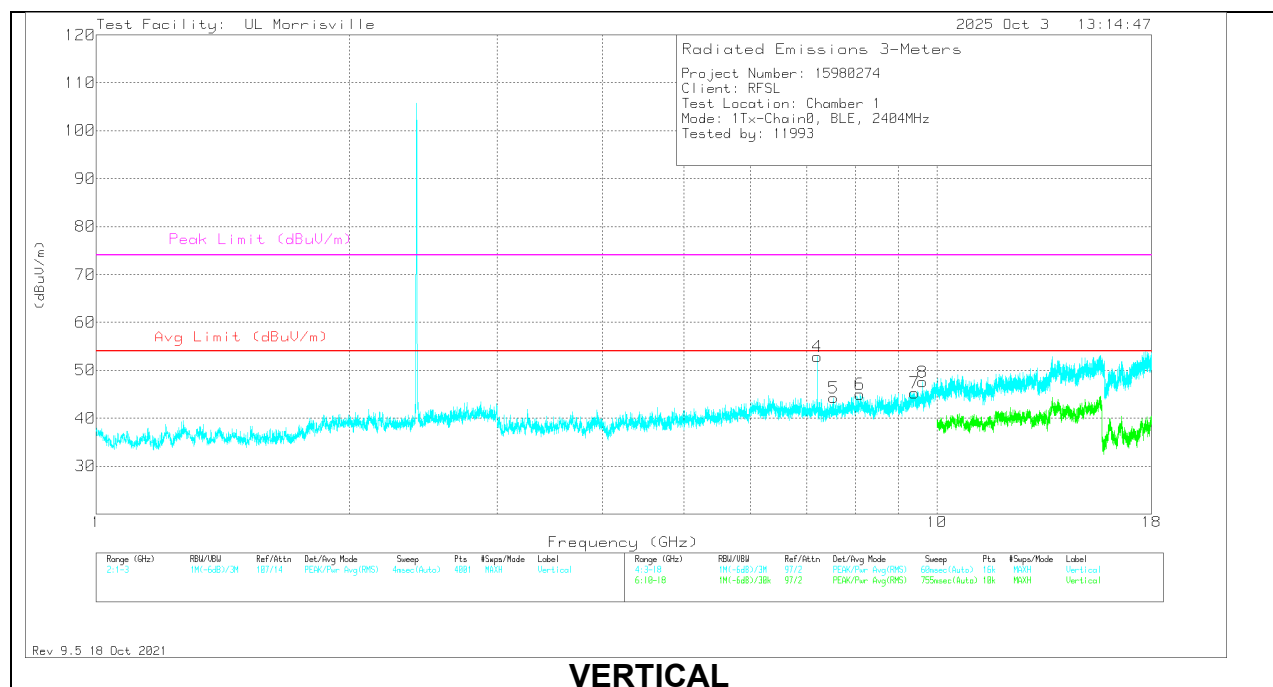
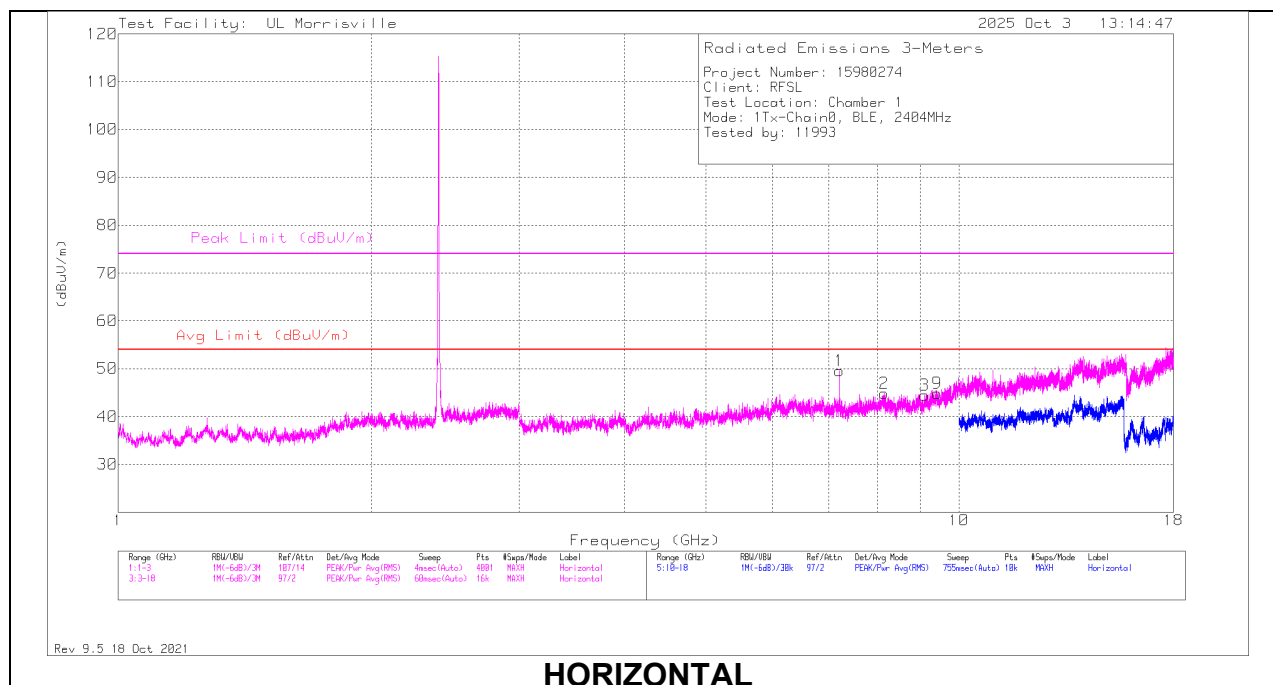
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

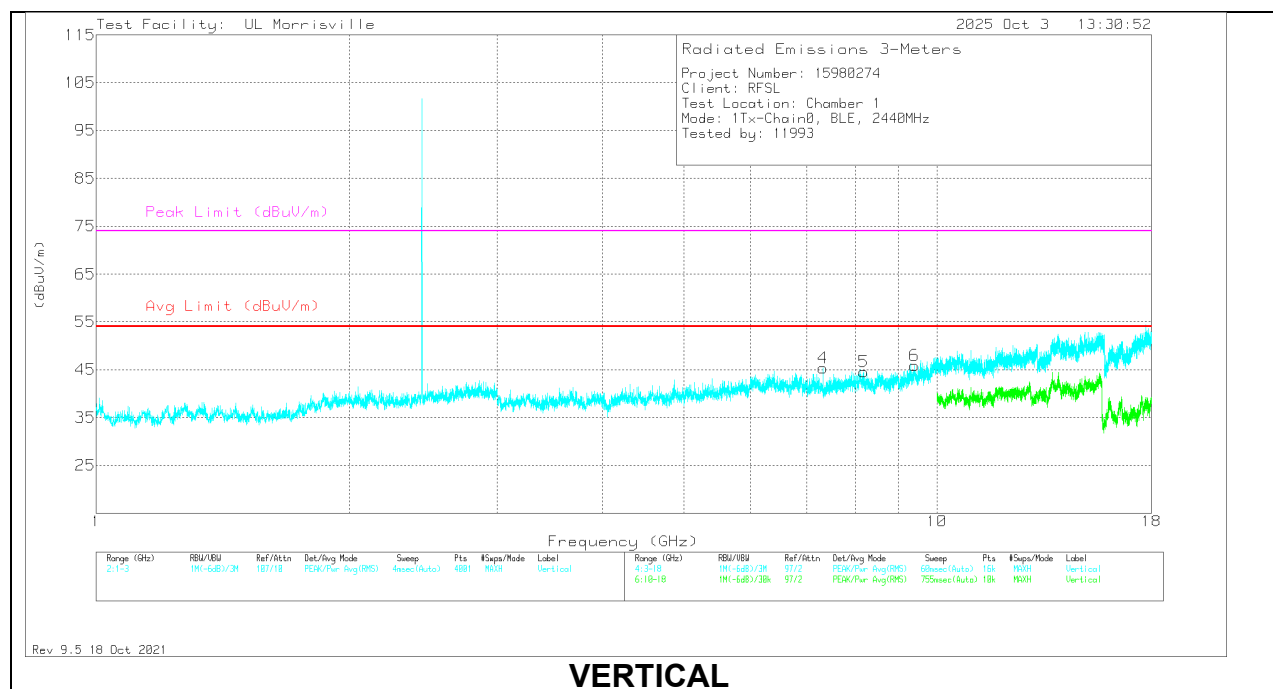
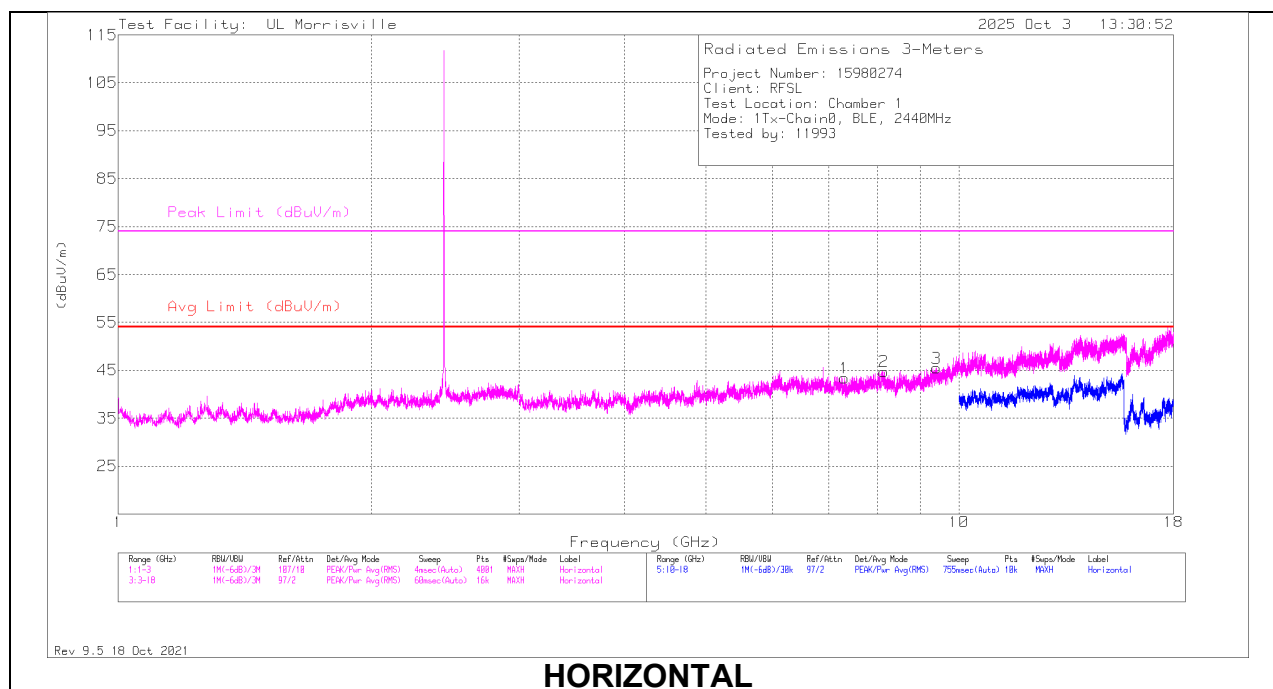
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* ** 8.15063	50.58	Pk	35.9	-41.6	44.88	54	-9.12	74	-29.12	0-360	101	H
3	* ** 9.10875	50.04	Pk	35.9	-41.5	44.44	54	-9.56	74	-29.56	0-360	101	H
9	* ** 9.43031	49.79	Pk	36.3	-41.2	44.89	54	-9.11	74	-29.11	0-360	200	H
5	* ** 7.53375	50.57	Pk	35.5	-41.8	44.27	54	-9.73	74	-29.73	0-360	101	V
6	* ** 8.10469	50.35	Pk	35.9	-41.3	44.95	54	-9.05	74	-29.05	0-360	101	V
7	* ** 9.40594	49.19	Pk	36.3	-40.2	45.29	54	-8.71	74	-28.71	0-360	200	V
4	7.21031	60.15	Pk	35.4	-42.7	52.85	-	-	-	-	0-360	200	V
1	7.21313	57.04	Pk	35.4	-42.9	49.54	-	-	-	-	0-360	200	H
8	9.62344	51.45	Pk	36.7	-40.6	47.55	-	-	-	-	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

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 7.30875	50.54	Pk	35.4	-42.6	43.34	54	-10.66	74	-30.66	0-360	101	H
2	* ** 8.14688	49.93	Pk	35.9	-41.1	44.73	54	-9.27	74	-29.27	0-360	101	H
3	* ** 9.40219	49.53	Pk	36.3	-40.4	45.43	54	-8.57	74	-28.57	0-360	200	H
4	* ** 7.32094	53.26	Pk	35.4	-43.3	45.36	54	-8.64	74	-28.64	0-360	200	V
5	* ** 8.18625	50.65	Pk	35.9	-42	44.55	54	-9.45	74	-29.45	0-360	101	V
6	* ** 9.40781	49.82	Pk	36.3	-40.2	45.92	54	-8.08	74	-28.08	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