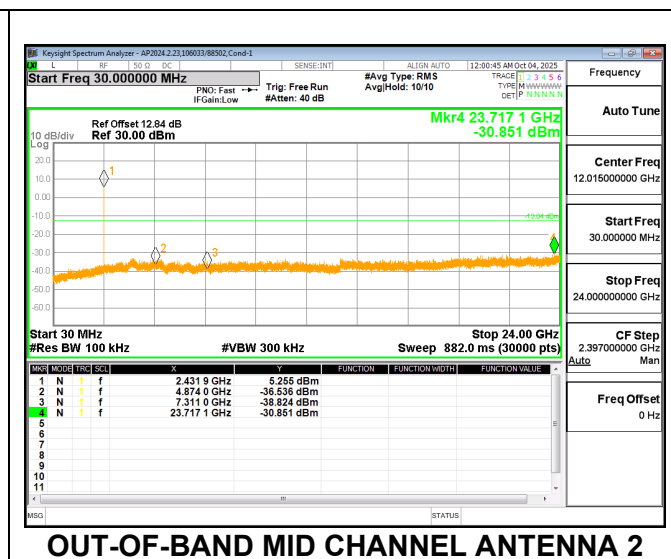
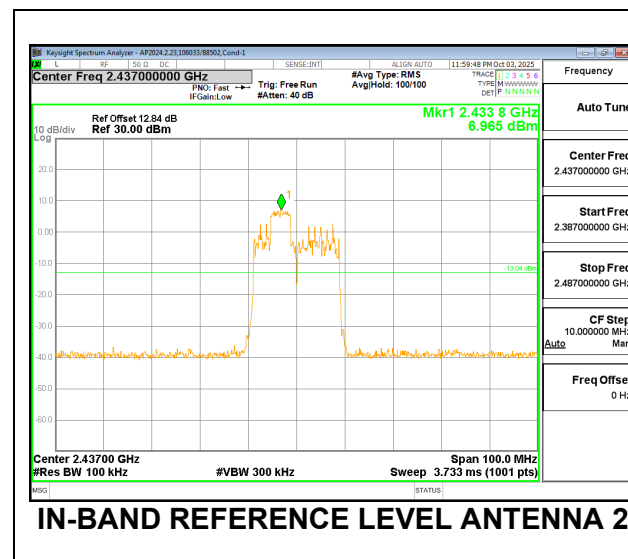
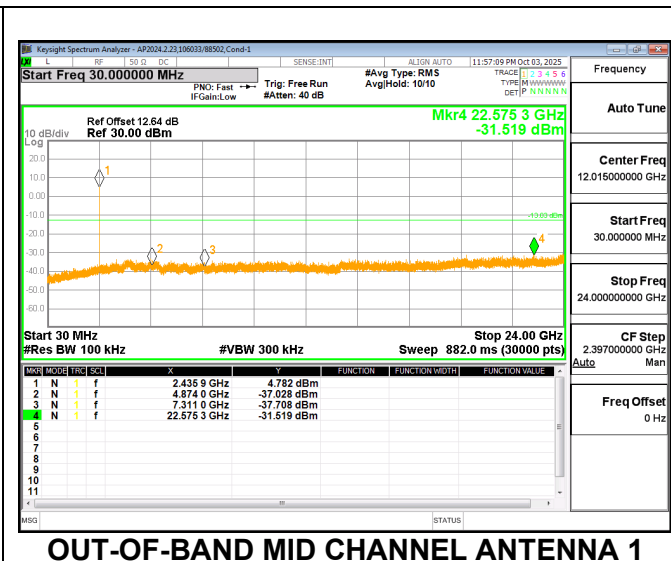
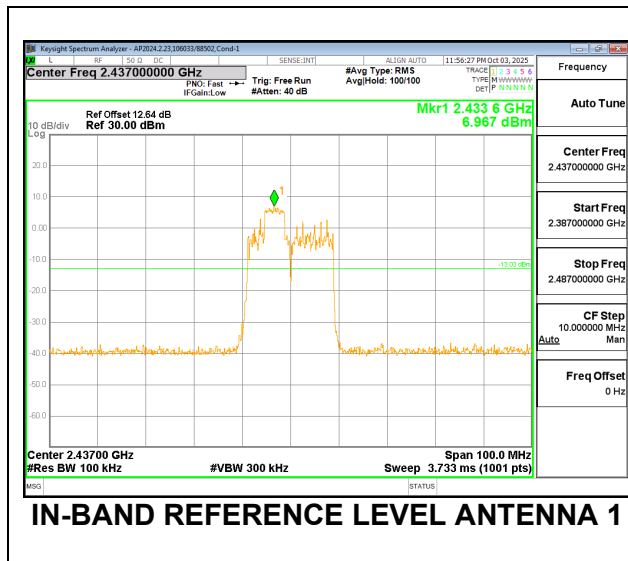


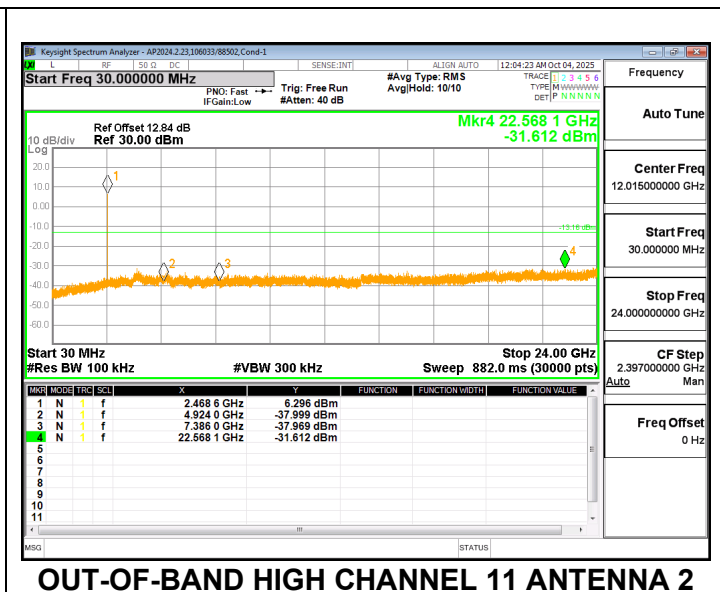
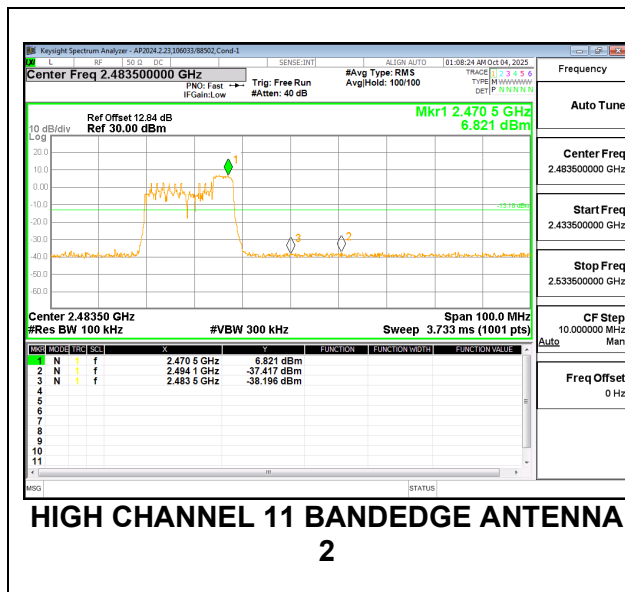
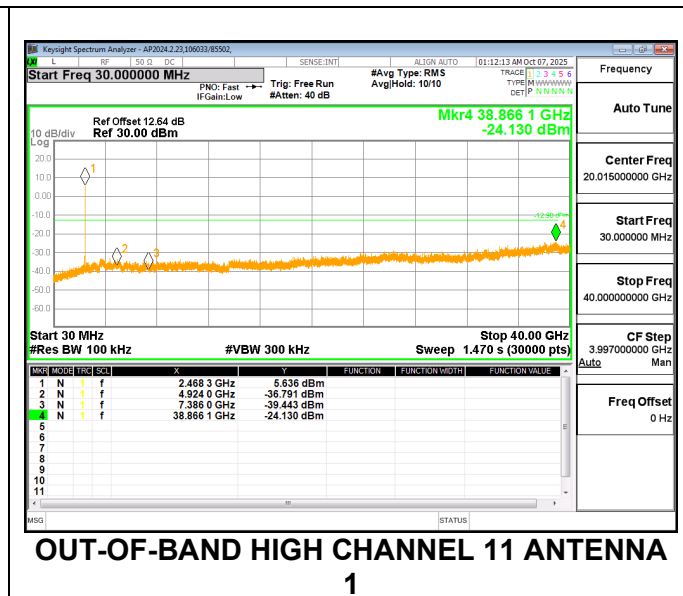
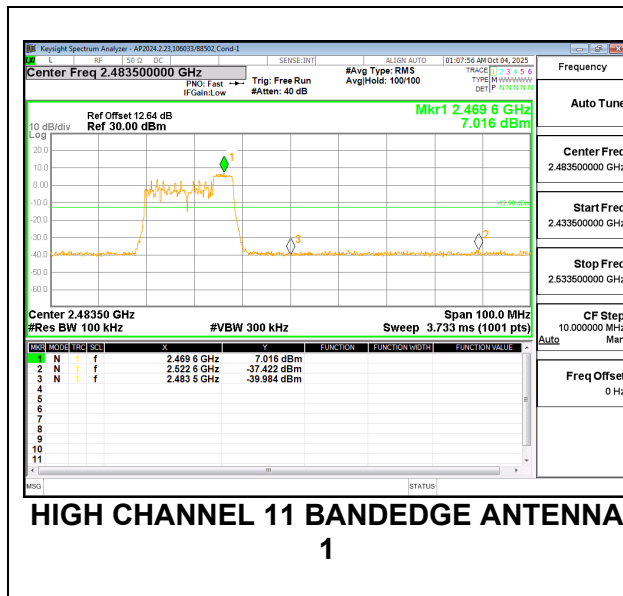
10.7.13. 802.11be EHT20 52T/38 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



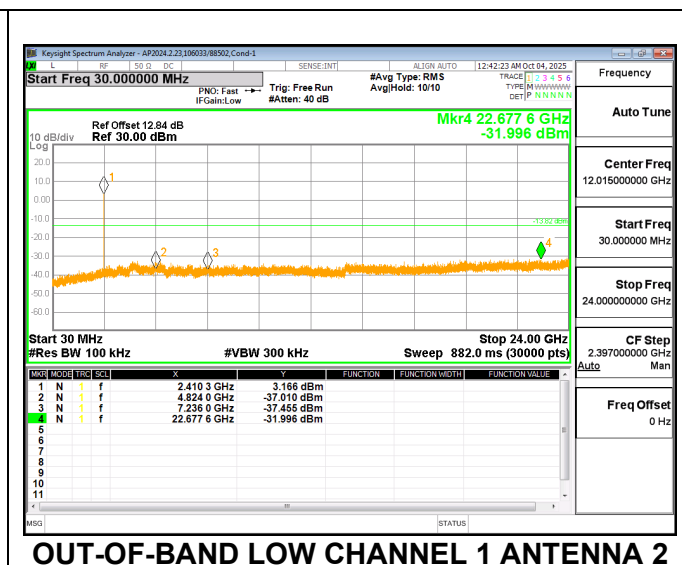
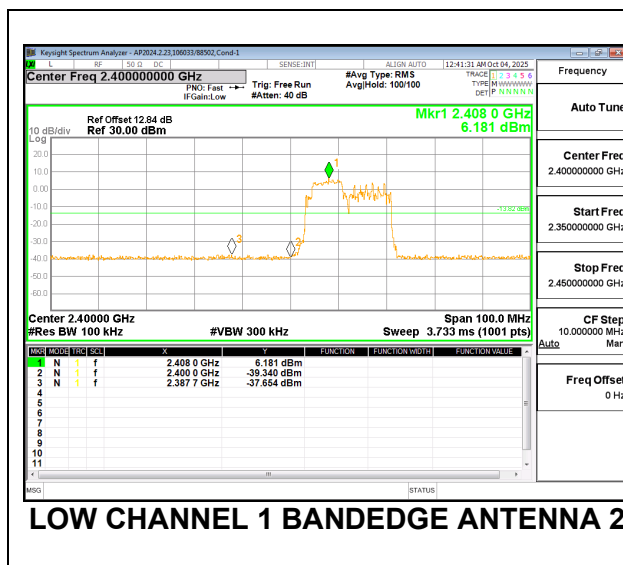
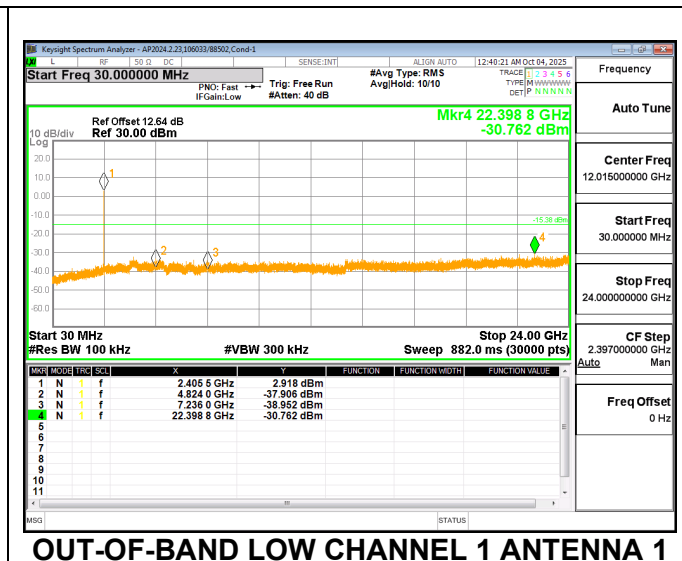
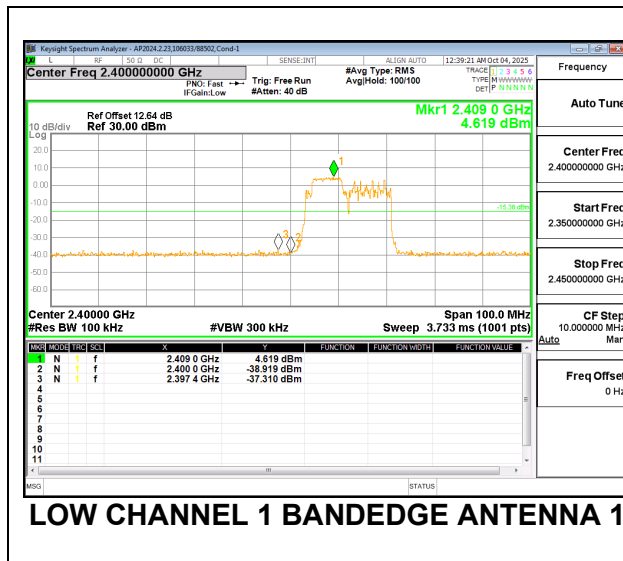
10.7.14. 802.11be EHT20 52T/40 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



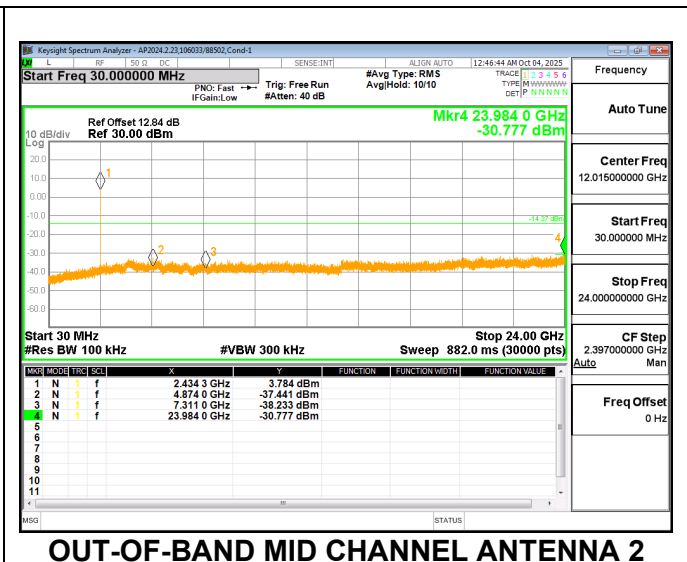
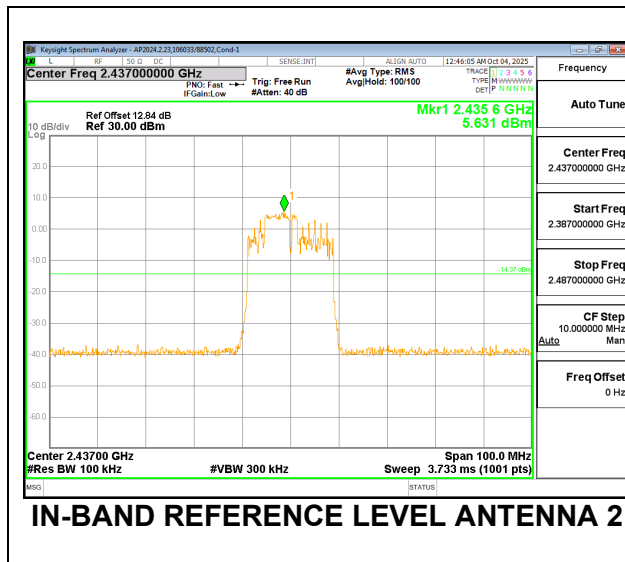
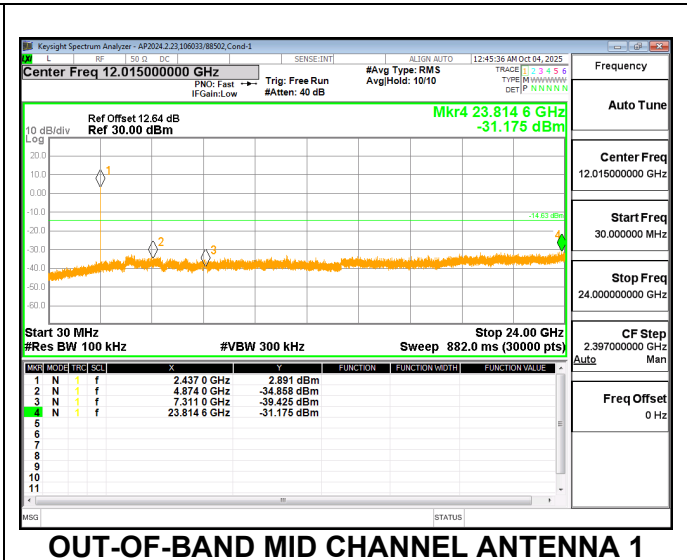
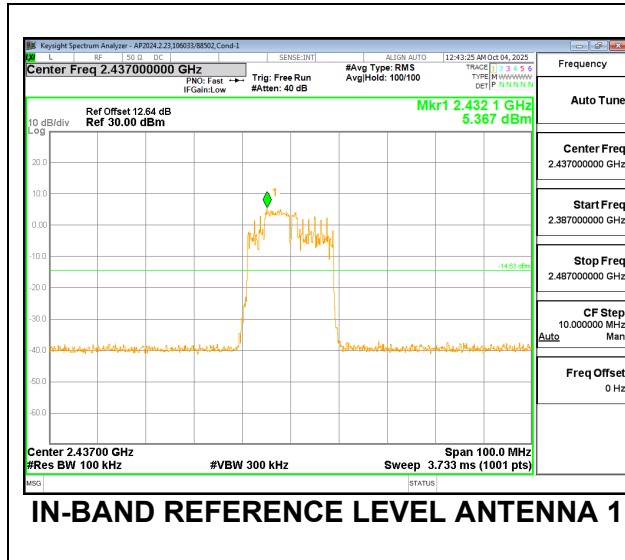
10.7.15. 802.11be EHT20 52T+26T/70 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



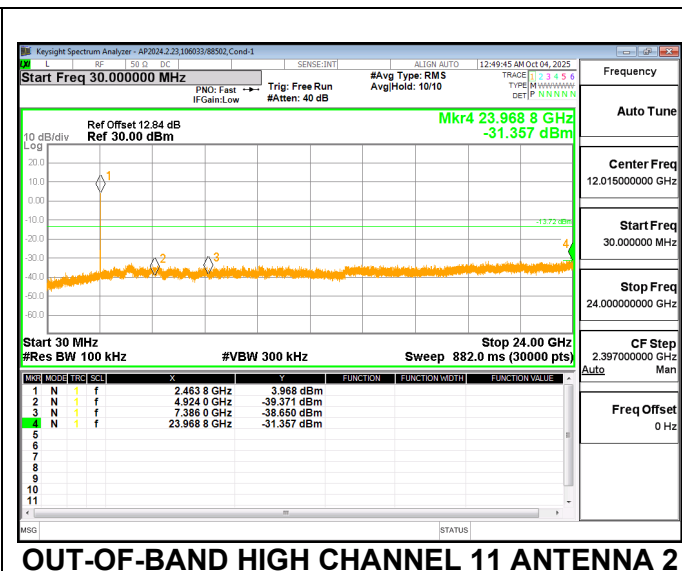
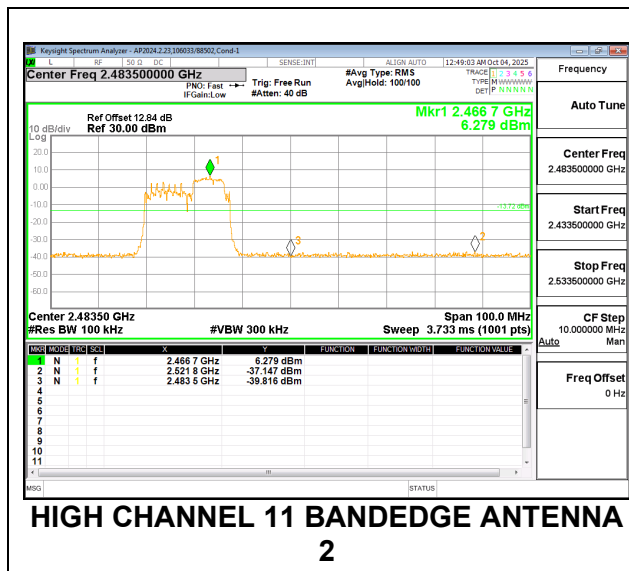
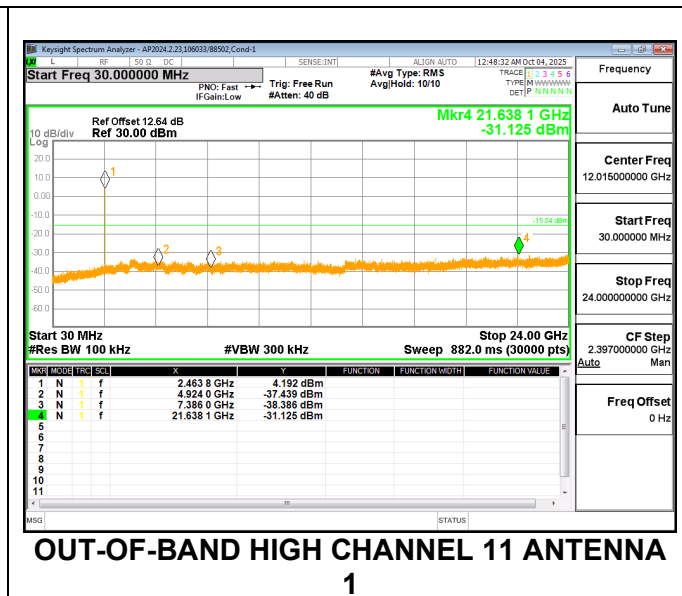
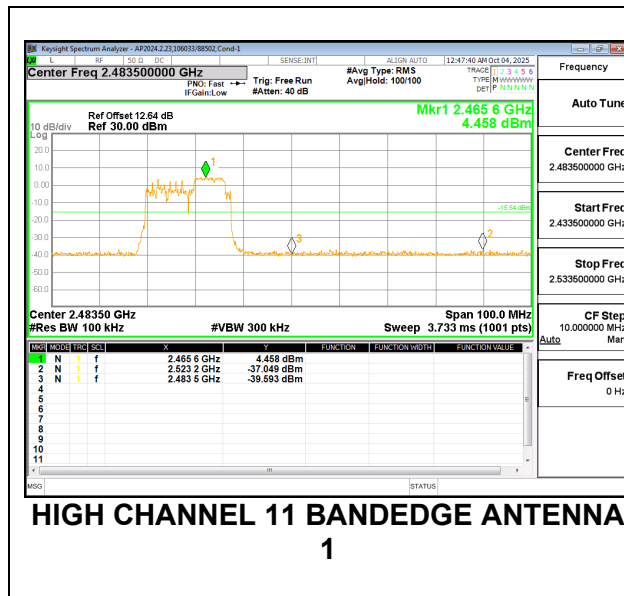
10.7.16. 802.11be EHT20 52T+26T/71 MODE

2TX Antenna 1 + Antenna 2 CDD MODE



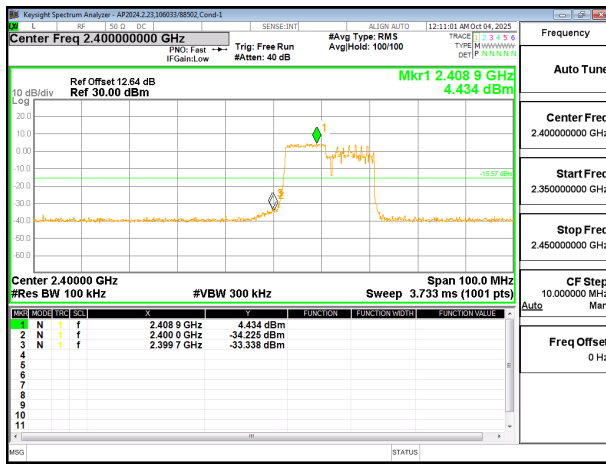
10.7.17. 802.11be EHT20 52T+26T/72 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

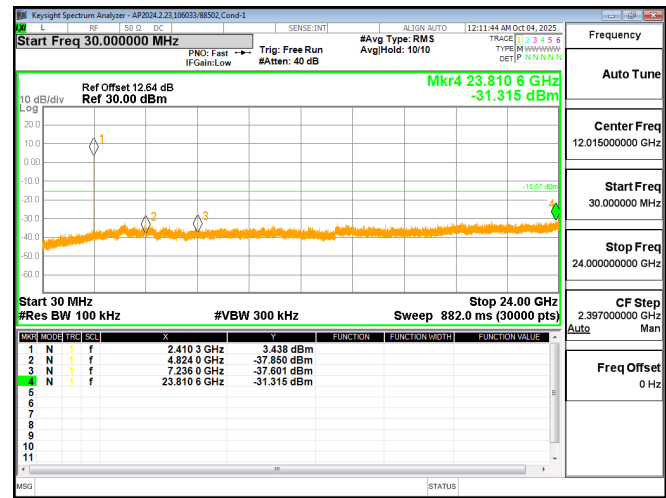


10.7.18. 802.11be EHT20 106T/53 MODE

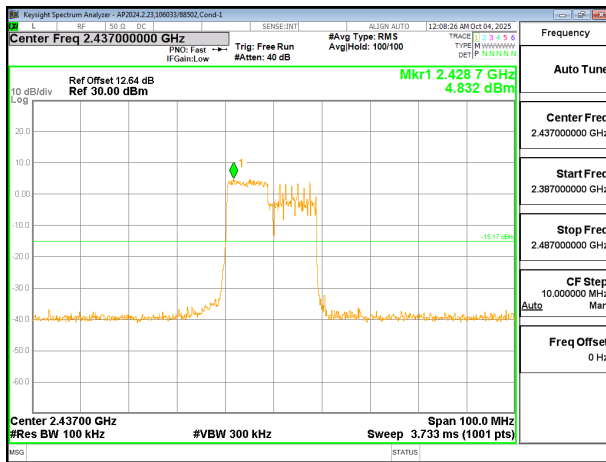
2TX Antenna 1 + Antenna 2 CDD MODE



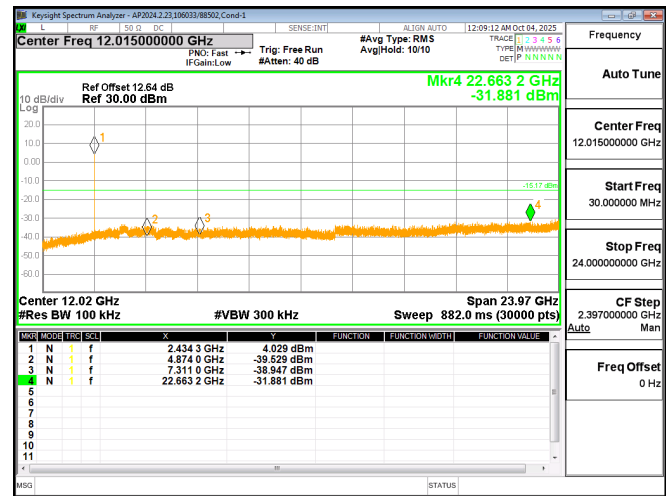
LOW CHANNEL 1 BANDEDGE ANTENNA 1



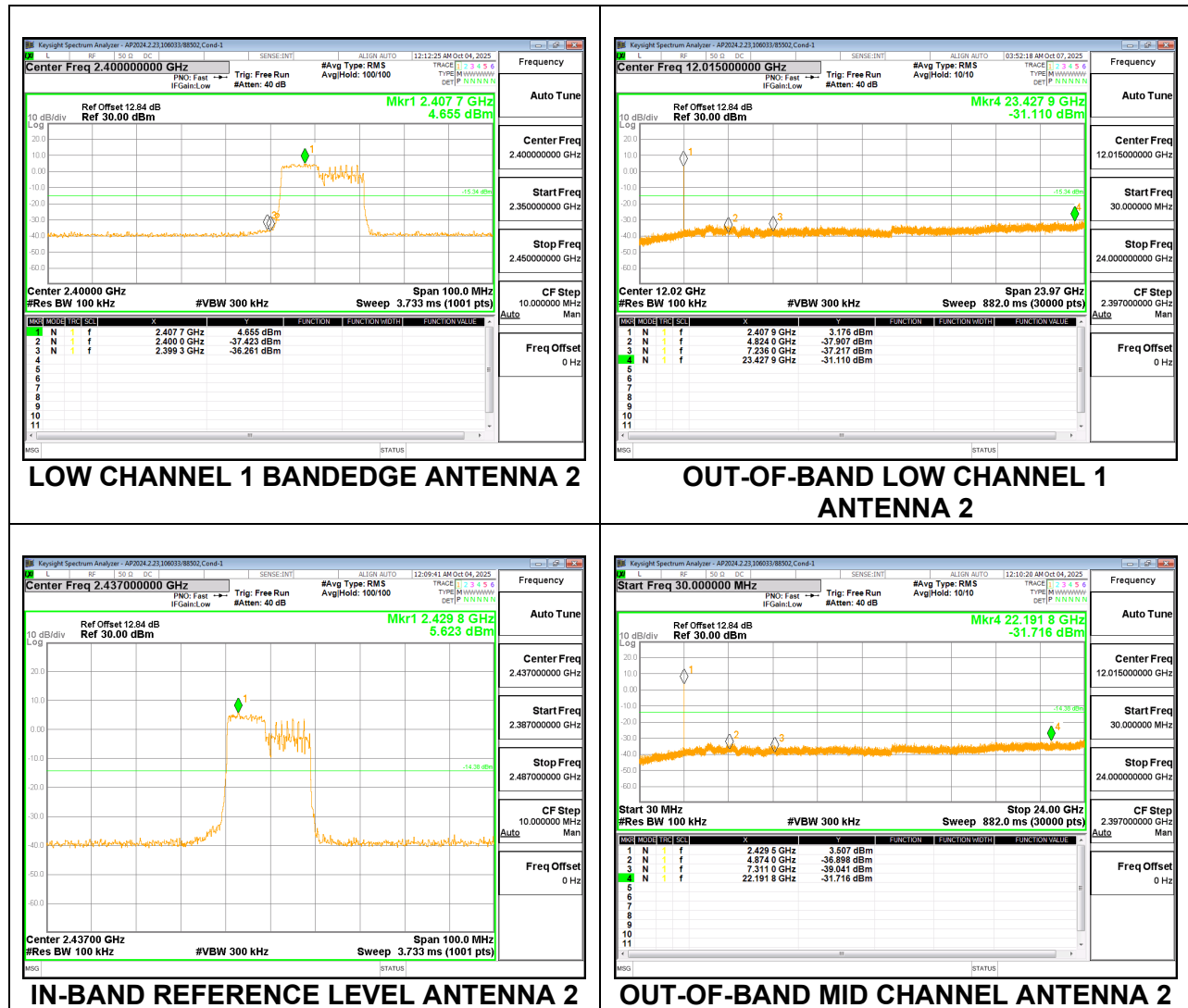
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



IN-BAND REFERENCE LEVEL ANTENNA 1

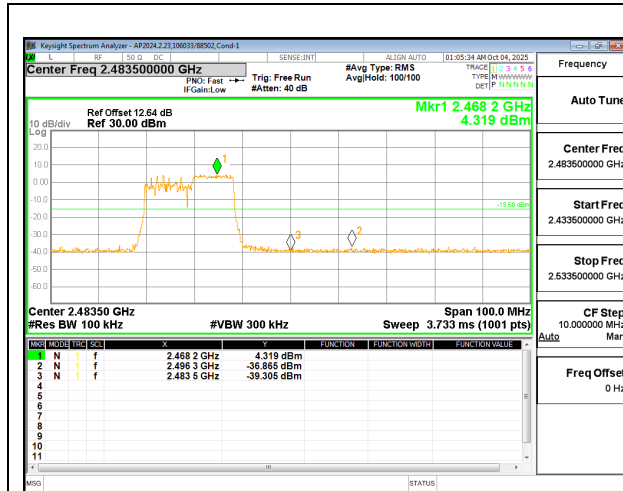


OUT-OF-BAND MID CHANNEL ANTENNA 1

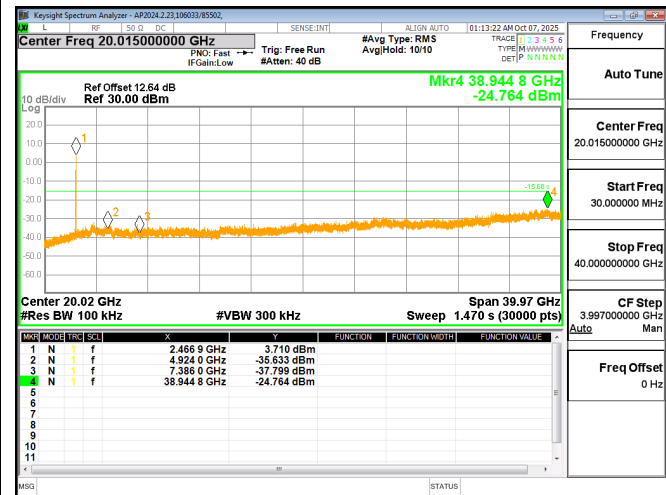


10.7.19. 802.11be EHT20 106T/54 MODE

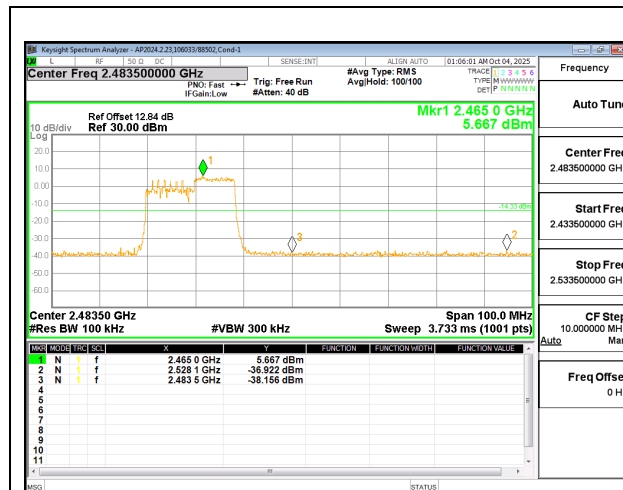
2TX Antenna 1 + Antenna 2 CDD MODE



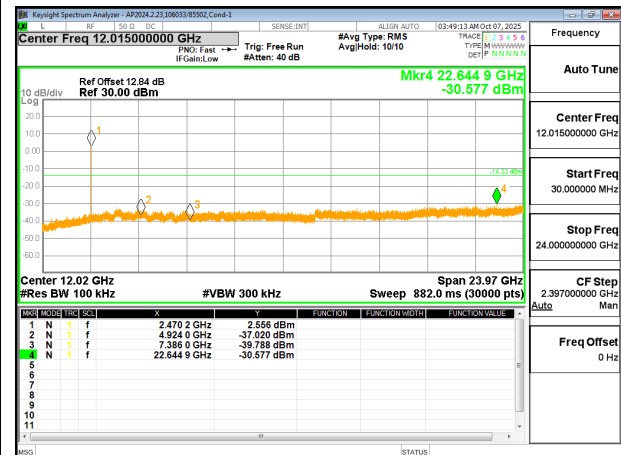
HIGH CHANNEL BANDEDGE ANTENNA 1



OUT-OF-BAND HIGH CHANNEL ANTENNA 1



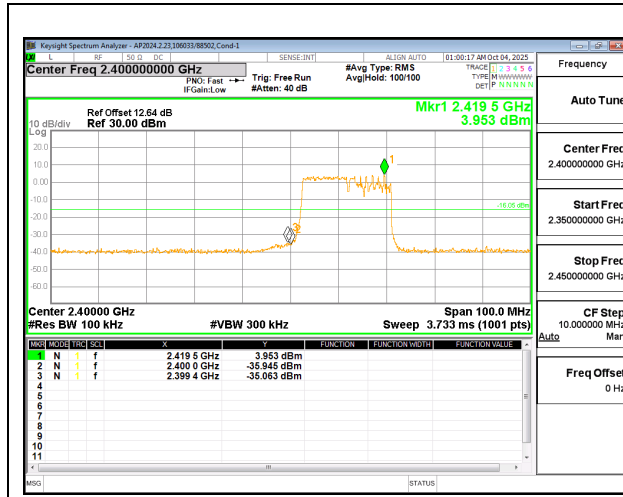
HIGH CHANNEL BANDEDGE ANTENNA 2



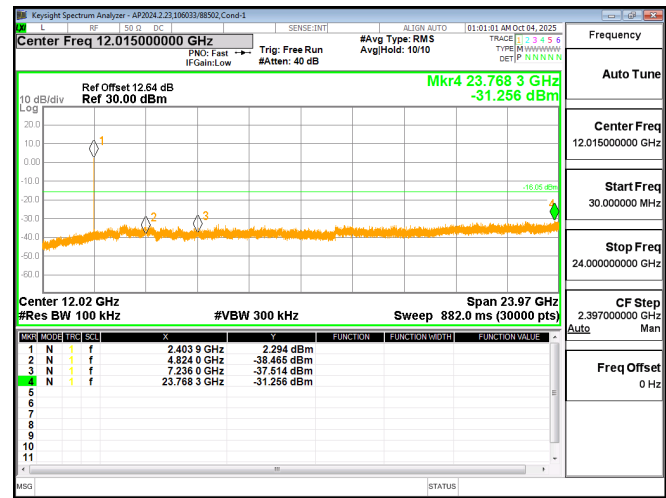
OUT-OF-BAND HIGH CHANNEL ANTENNA 2

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

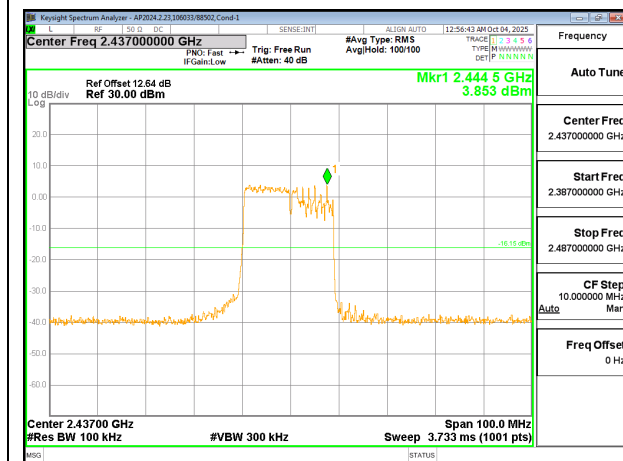
2TX Antenna 1 + Antenna 2 CDD MODE



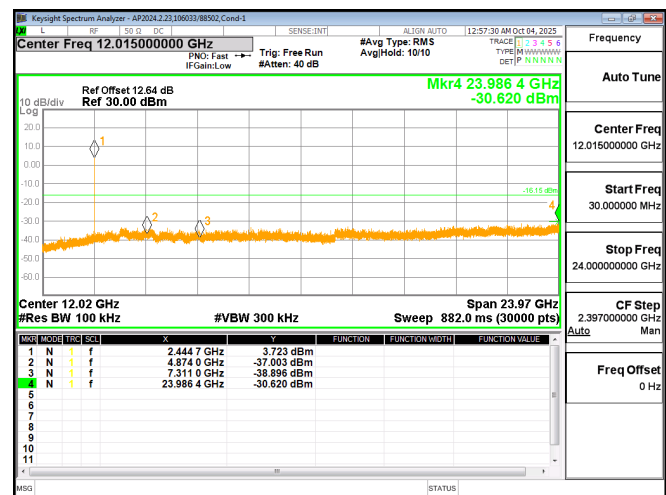
LOW CHANNEL 1 BANEDGE ANTENNA 1



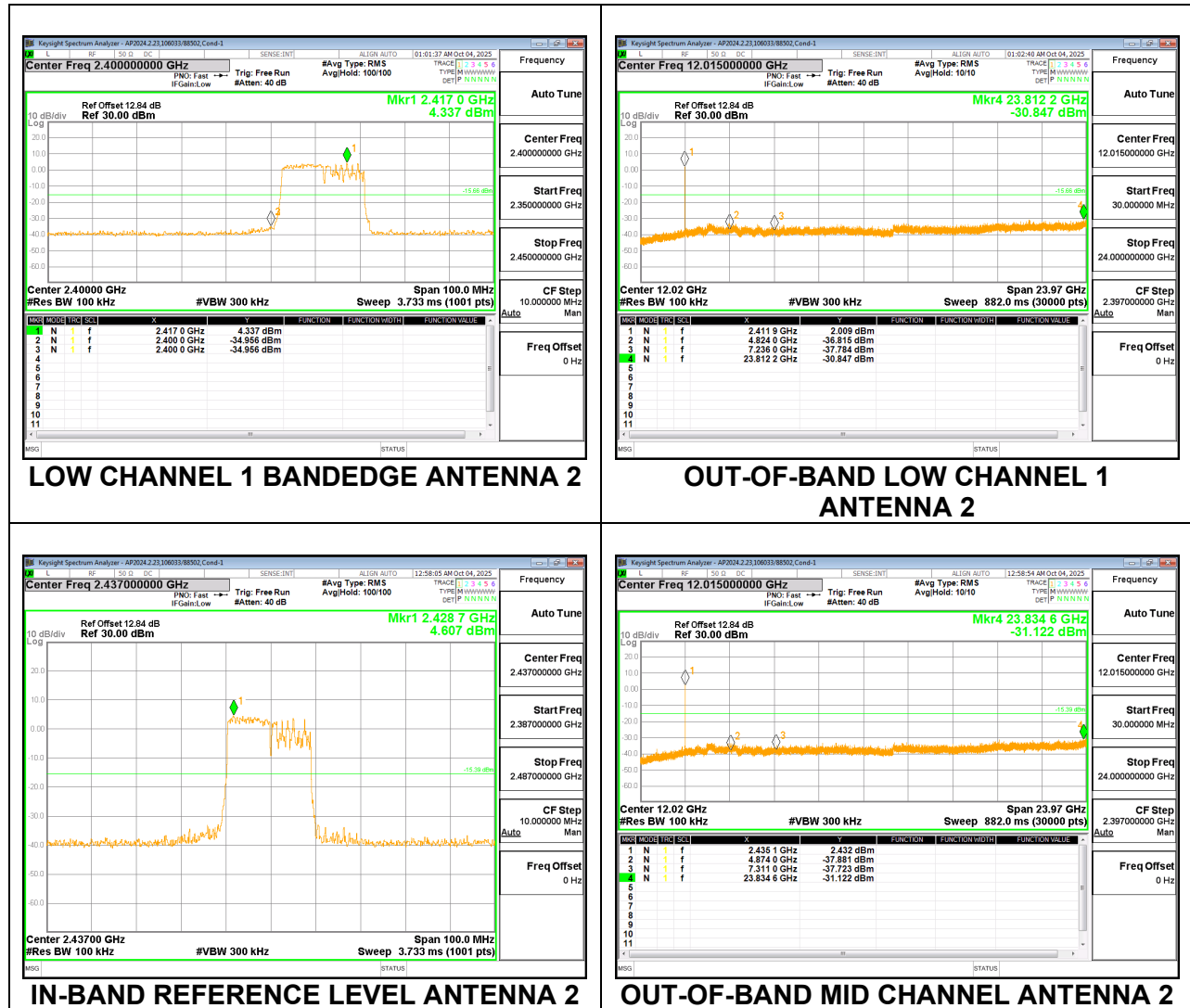
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



IN-BAND REFERENCE LEVEL ANTENNA 1

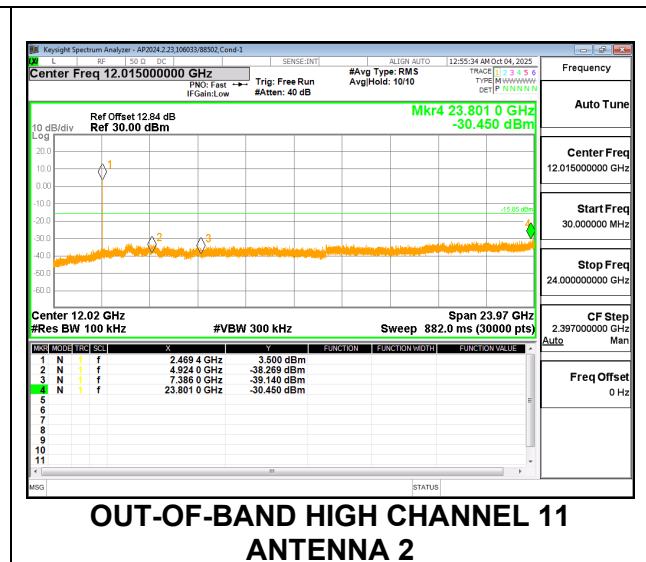
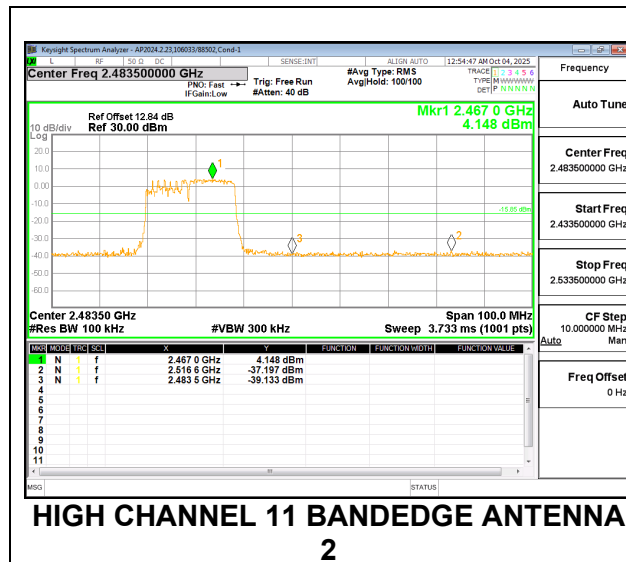
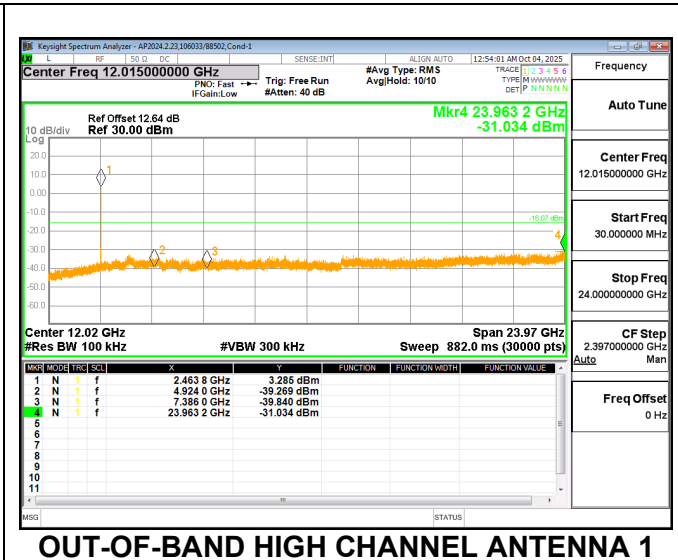
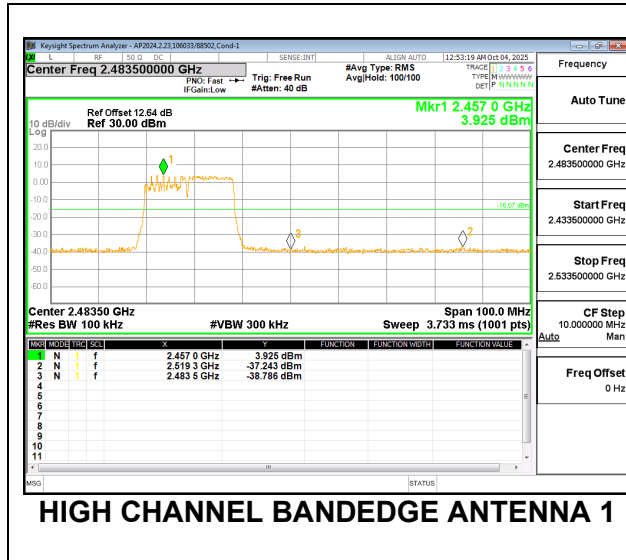


OUT-OF-BAND MID CHANNEL ANTENNA 1



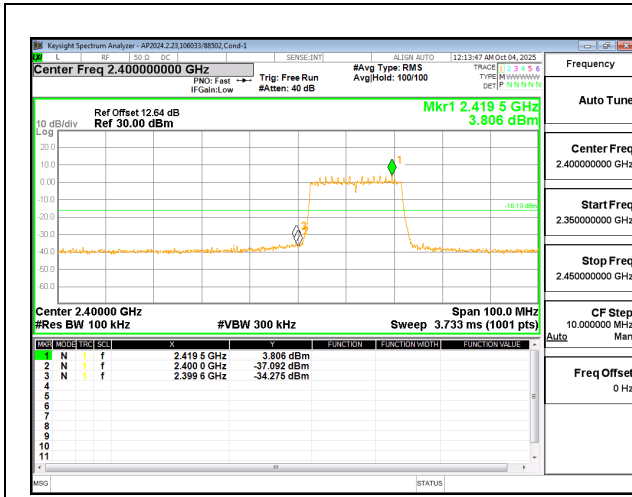
10.7.21. 802.11be EHT20 106T+26T/83 MODE

2TX Antenna 1 + Antenna 2 CDD MODE

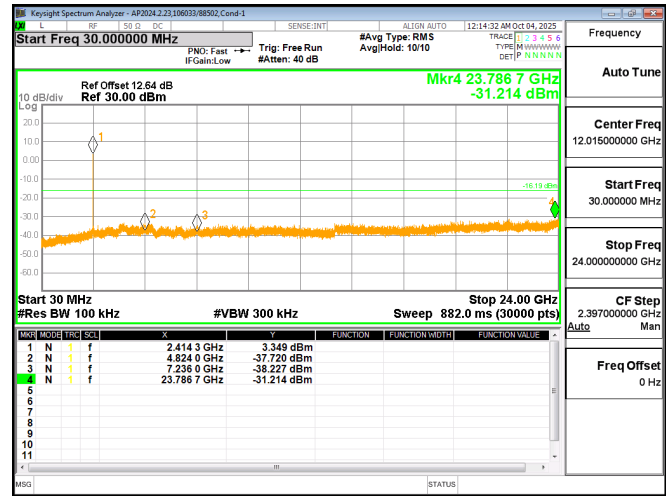


10.7.22. 802.11be EHT20 242T/61 MODE

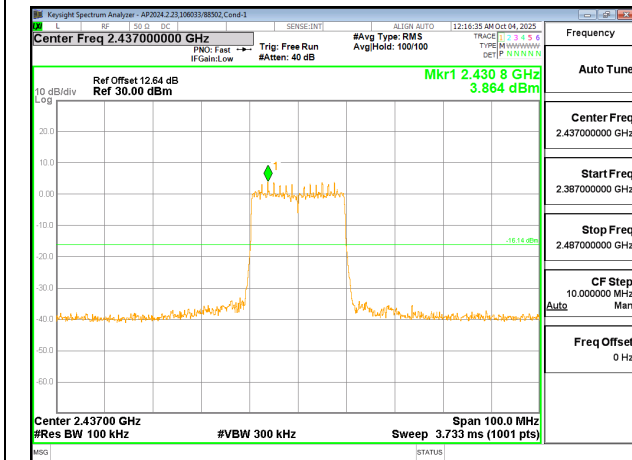
2TX Antenna 1 + Antenna 2 CDD MODE



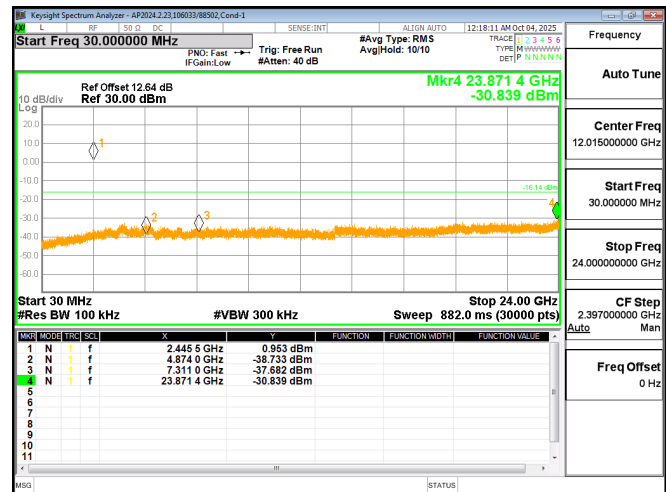
LOW CHANNEL 1 BANDEDGE ANTENNA 1



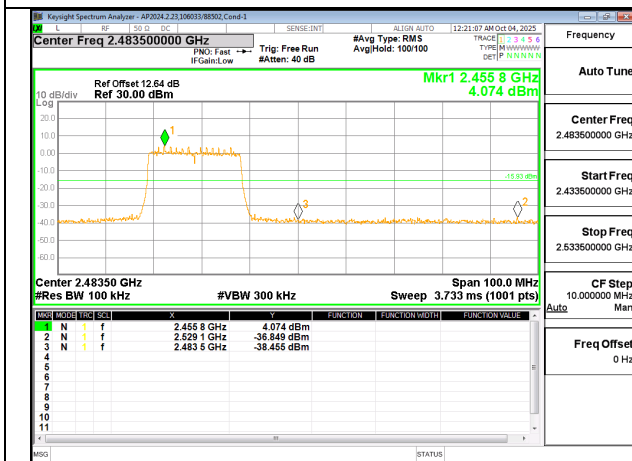
OUT-OF-BAND LOW CHANNEL 1 ANTENNA 1



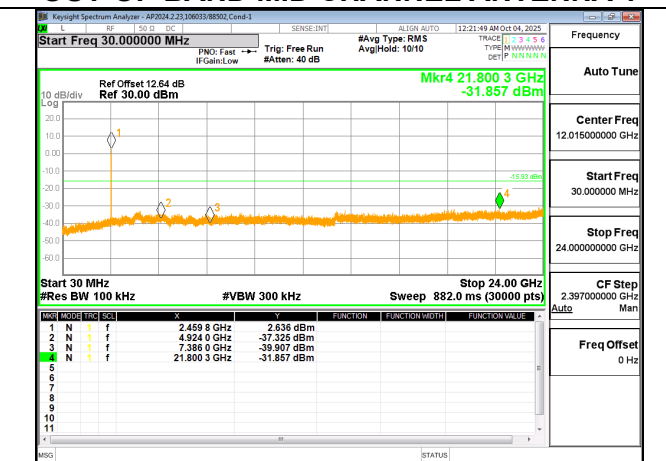
IN-BAND REFERENCE LEVEL ANTENNA 1



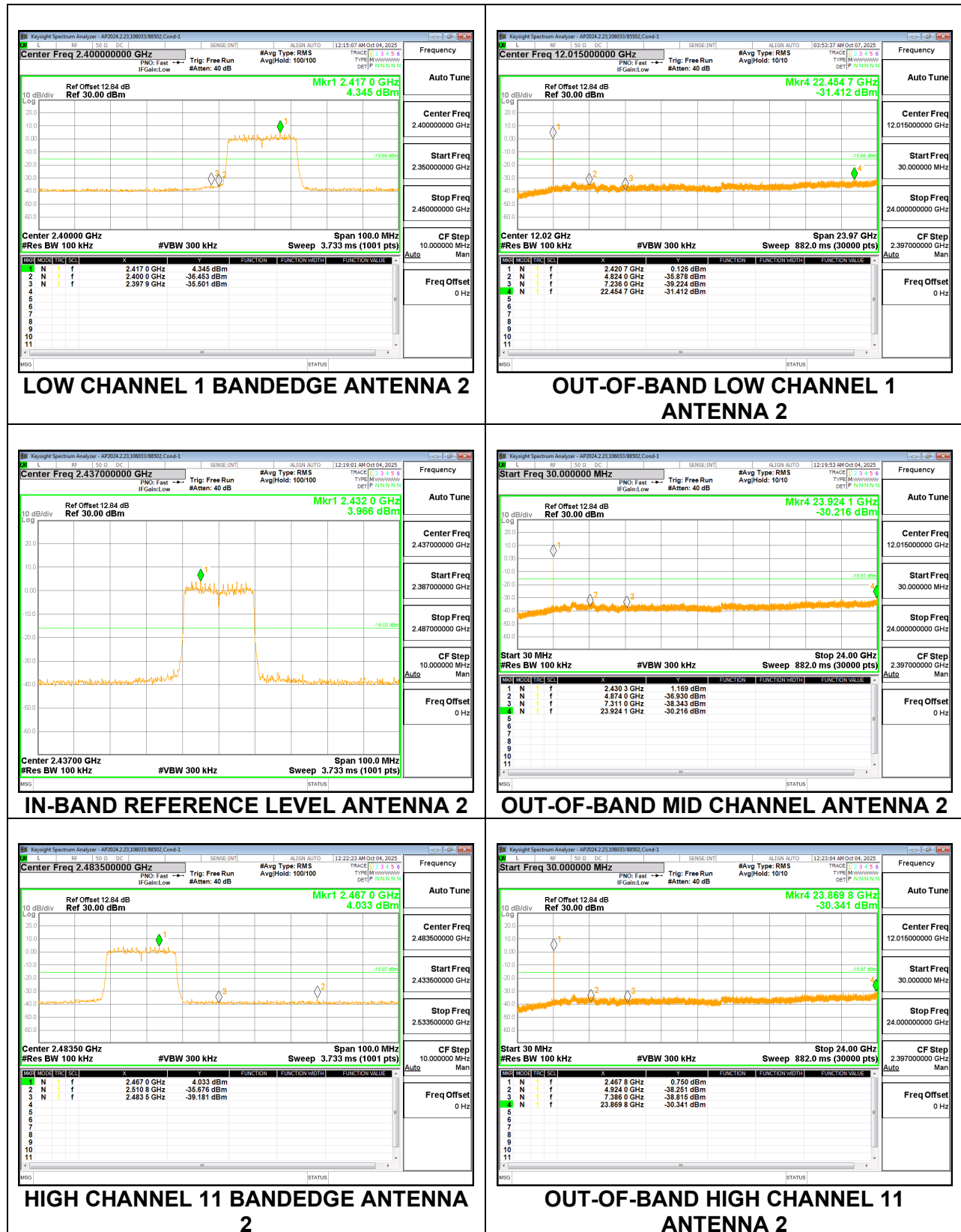
OUT-OF-BAND MID CHANNEL ANTENNA 1



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

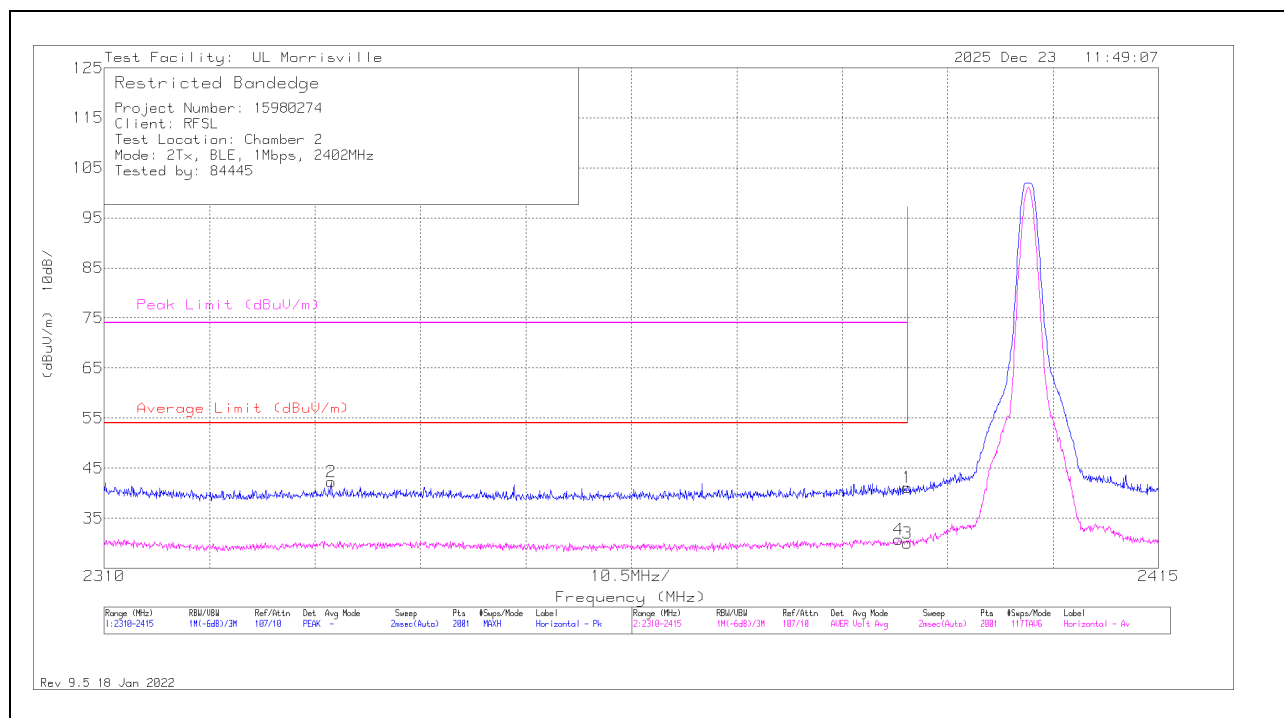
11.1.1. BLE (1Mbps)

Note – All Radiated Emissions BLE testing (bandedge and spurious) was tested at 1Mbps and 2Mbps data rates in MIMO mode at SISO power levels to represent worst-case for all modes.

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 2390	34.08	Pk	32.2	-25.1	0	41.18	-	-	74	-32.82	264	229	H
2	* ** 2332.628	34.9	Pk	32.1	-24.7	0	42.3	-	-	74	-31.7	264	229	H
3	* ** 2390	21.49	ADV	32.2	-25.1	1.41	30	54	-24	-	-	264	229	H
4	* ** 2389.118	22.14	ADV	32.2	-25	1.41	30.75	54	-23.25	-	-	264	229	H

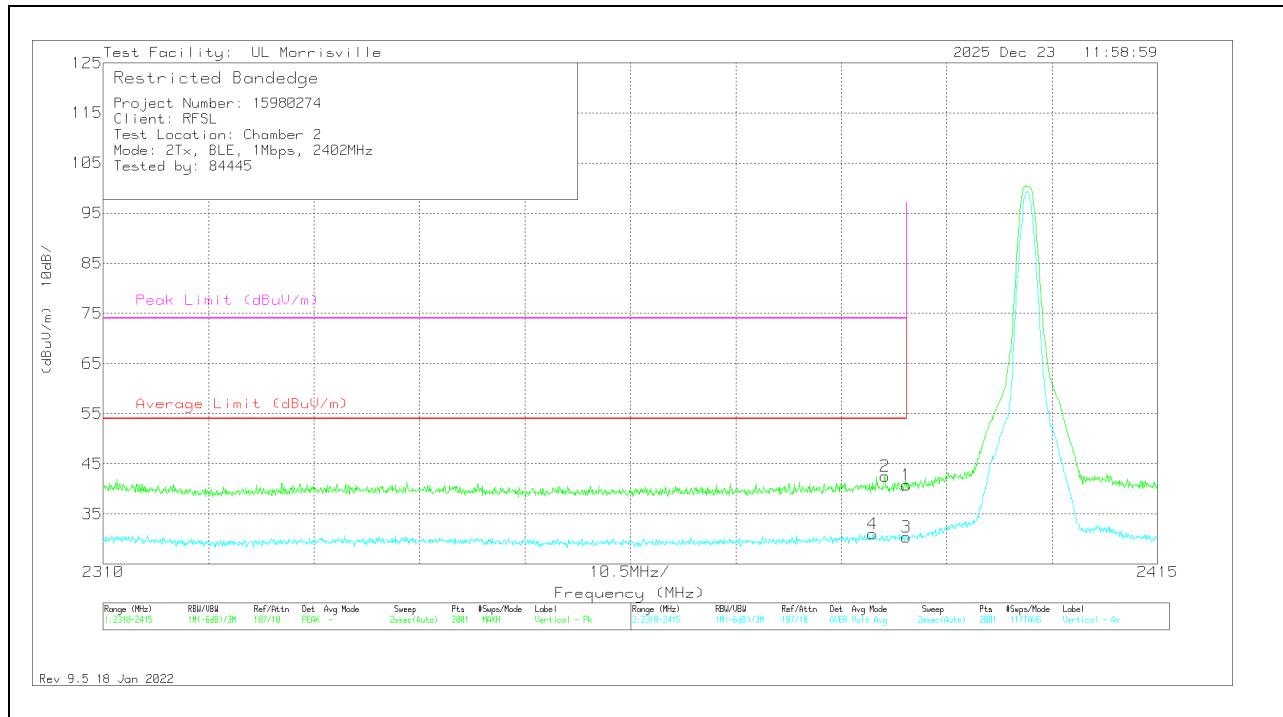
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

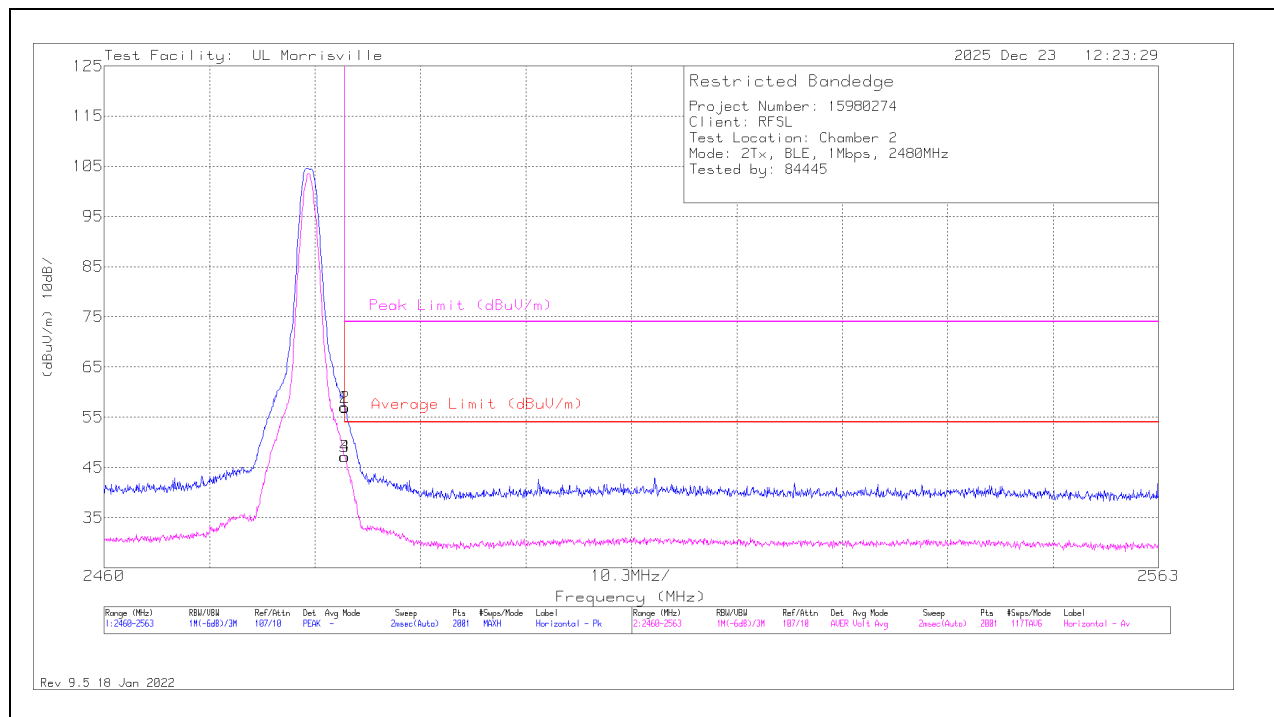


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain /Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	33.62	Pk	32.2	-25.1	0	40.72	-	-	74	-33.28	184	175	V
2	* ** 2387.858	35.32	Pk	32.2	-25	0	42.52	-	-	74	-31.48	184	175	V
3	* ** 2390	21.86	ADV	32.2	-25.1	1.41	30.37	54	-23.63	-	-	184	175	V
4	* ** 2386.65	22.32	ADV	32.2	-24.9	1.41	31.03	54	-22.97	-	-	184	175	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 (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 2483.5	49.78	Pk	32.7	-25.5	0	56.98	-	-	74	-17.02	354	143	H
2	* ** 2483.536	49.69	Pk	32.7	-25.5	0	56.89	-	-	74	-17.11	354	143	H
3	* ** 2483.5	38.59	ADV	32.7	-25.5	1.41	47.2	54	-6.8	-	-	354	143	H
4	* ** 2483.536	38.54	ADV	32.7	-25.5	1.41	47.15	54	-6.85	-	-	354	143	H

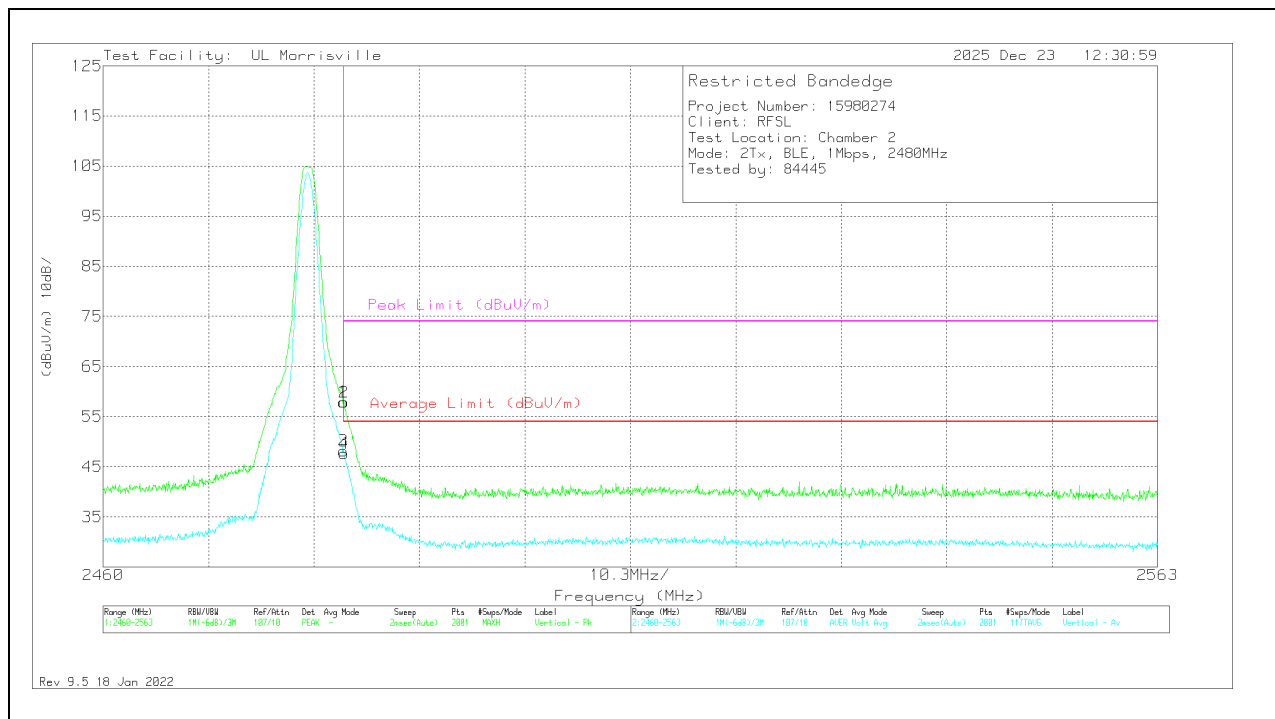
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (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	*** 2483.5	50.7	Pk	32.7	-25.5	0	57.9	-	-	74	-16.1	332	148	V
2	** * 2483.536	50.66	Pk	32.7	-25.5	0	57.86	-	-	74	-16.14	332	148	V
3	*** 2483.5	39.52	ADV	32.7	-25.5	1.41	48.13	54	-5.87	-	-	332	148	V
4	** * 2483.536	39.08	ADV	32.7	-25.5	1.41	47.69	54	-6.31	-	-	332	148	V

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

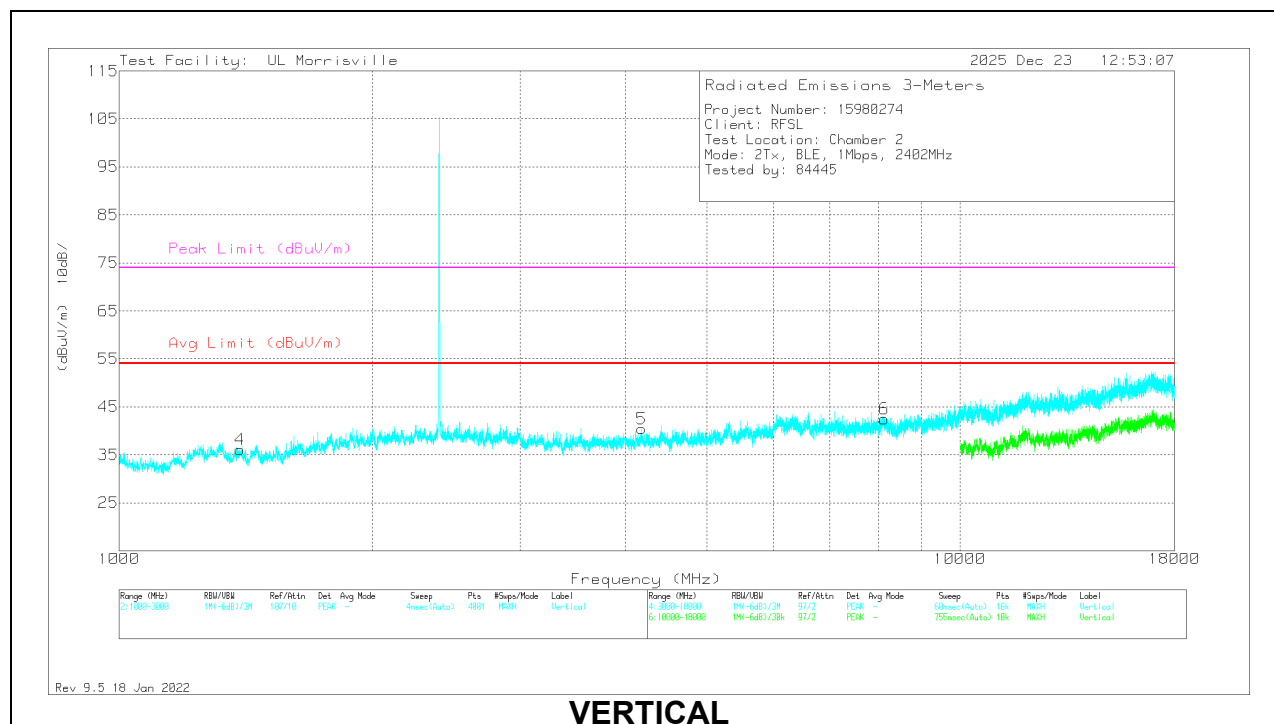
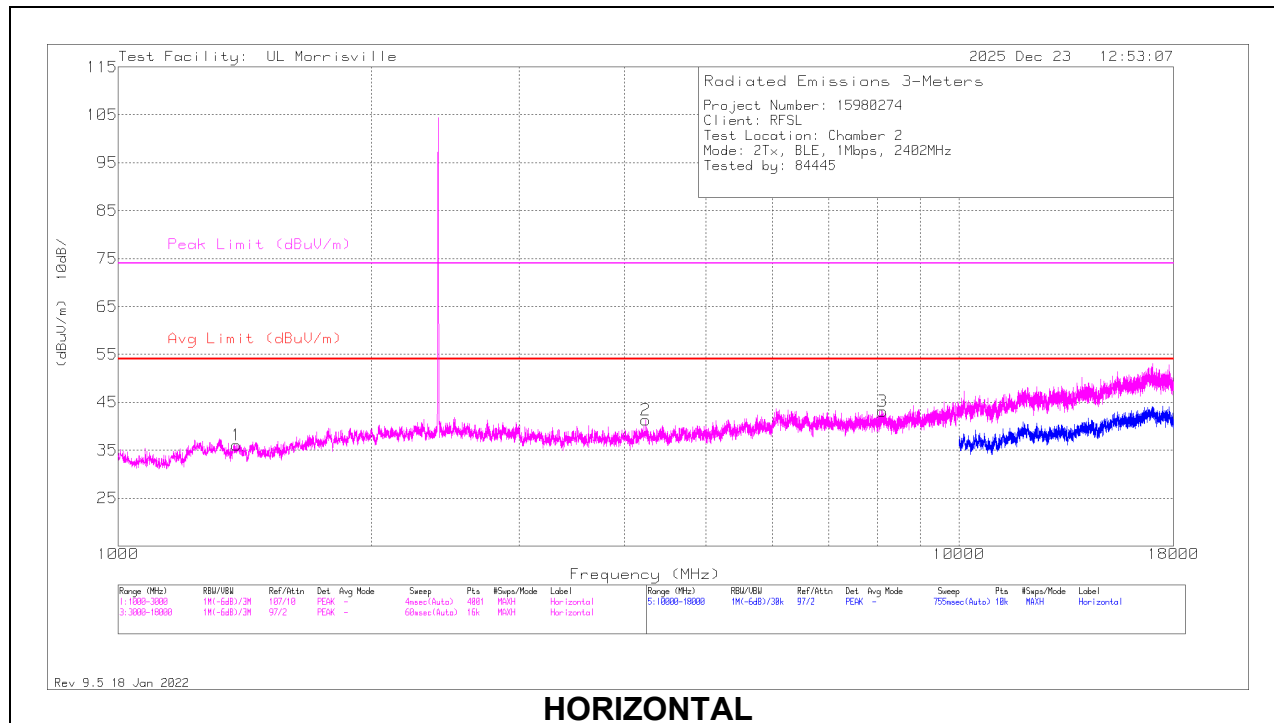
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

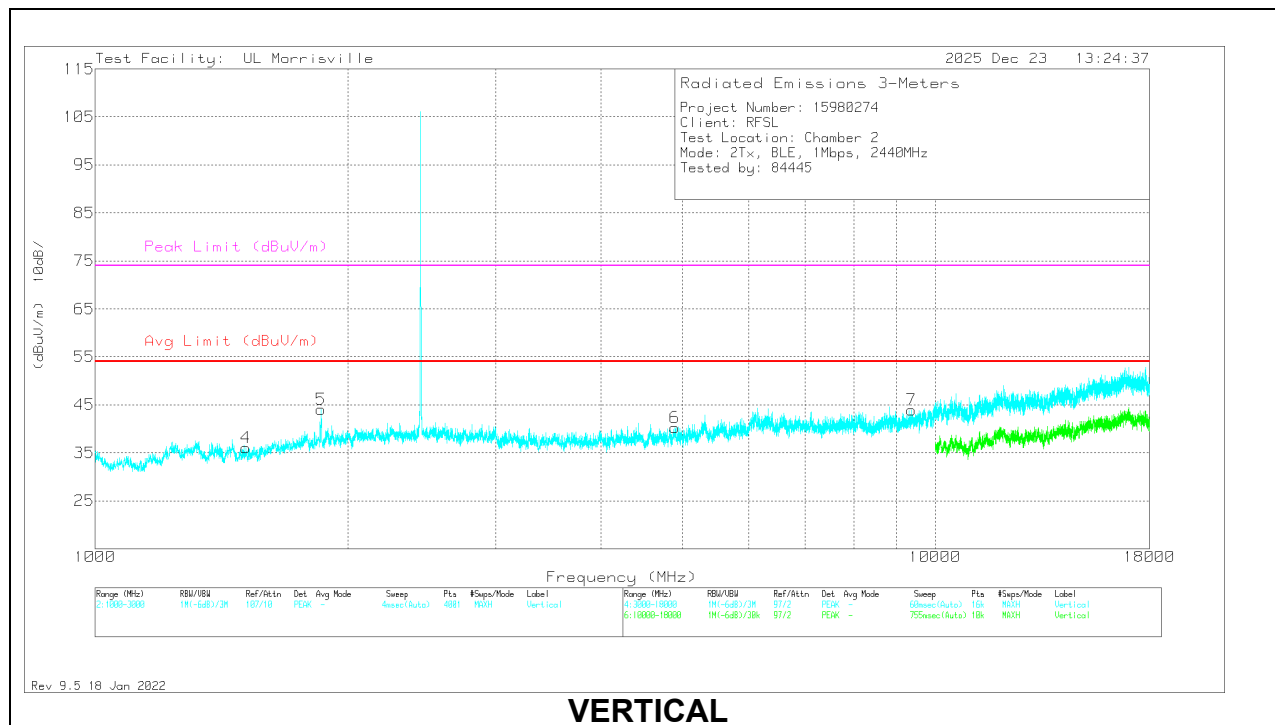
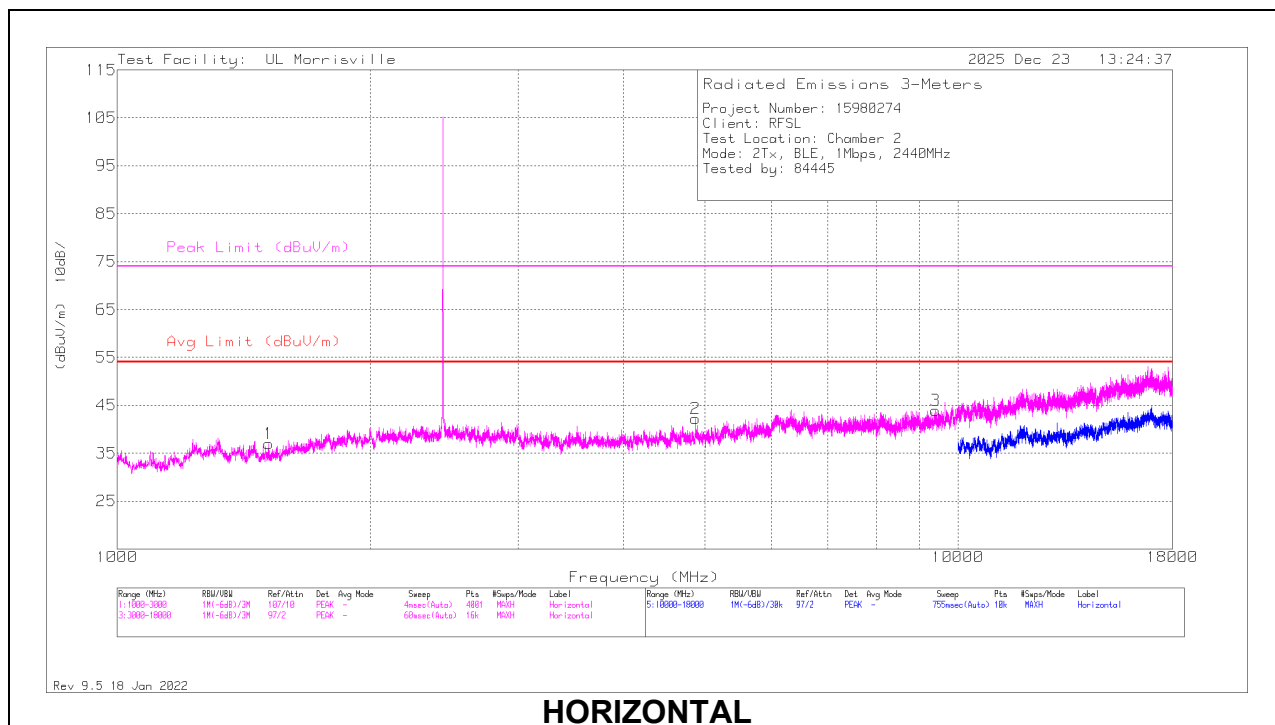
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1383.5	32.04	Pk	28.9	-24.9	0	36.04	54	-17.96	74	-37.96	0-360	101	H
4	* ** 1391.5	31.44	Pk	28.9	-24.3	0	36.04	54	-17.96	74	-37.96	0-360	199	V
2	* ** 4242.188	53.16	Pk	33.6	-45.4	0	41.36	54	-12.64	74	-32.64	0-360	101	H
3	* ** 8116.875	48.35	Pk	36	-41.2	0	43.15	54	-10.85	74	-30.85	0-360	200	H
5	* ** 4183.125	53.25	Pk	33.5	-46.3	0	40.45	54	-13.55	74	-33.55	0-360	200	V
6	* ** 8126.25	48.13	Pk	36	-41.6	0	42.53	54	-11.47	74	-31.47	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

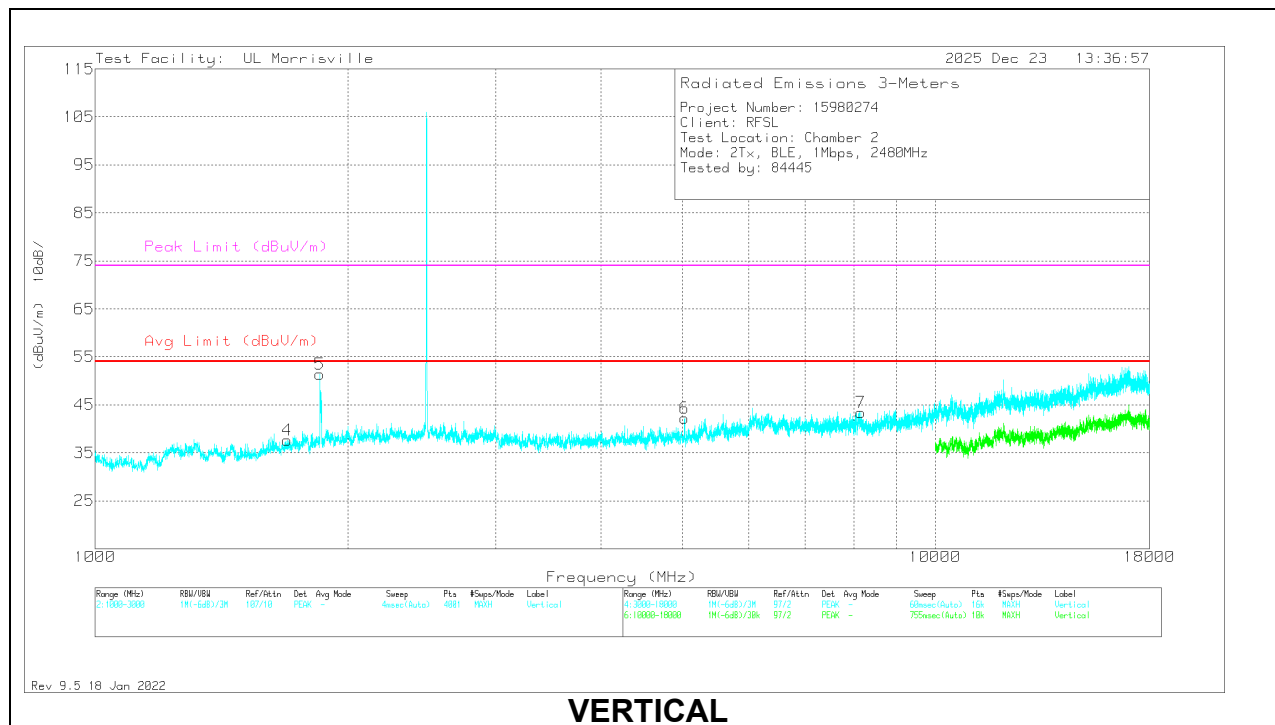
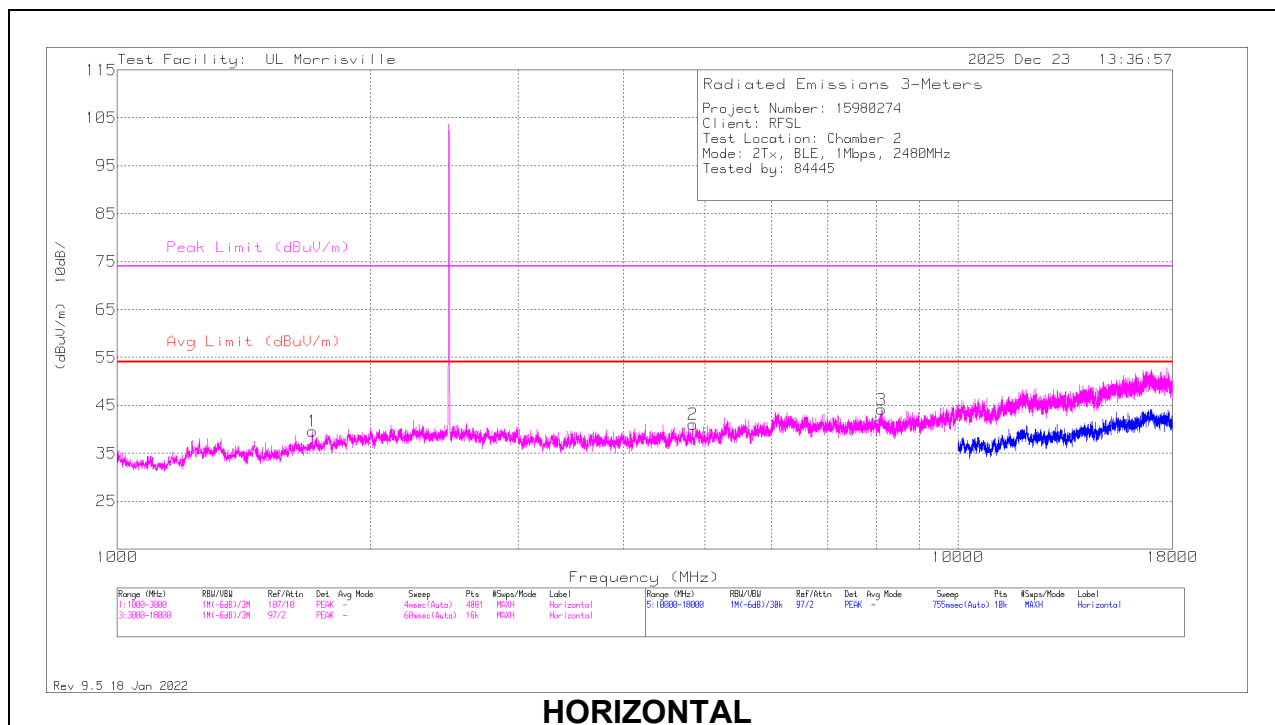
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1515.5	33.44	Pk	27.9	-24.3	0	37.04	54	-16.96	74	-36.96	0-360	199	H
4	* ** 1511.5	32.24	Pk	27.9	-24.1	0	36.04	54	-17.96	74	-37.96	0-360	101	V
5	** 1857	37.43	Pk	30.7	-24.1	0	44.03	54	-9.97	74	-29.97	0-360	101	V
2	* ** 4875	52.36	Pk	34.2	-44.3	0	42.26	54	-11.74	74	-31.74	0-360	101	H
3	* ** 9399.375	48.51	Pk	36.4	-41	0	43.91	54	-10.09	74	-30.09	0-360	101	H
6	* ** 4902.188	51.08	Pk	34.1	-44.9	0	40.28	54	-13.72	74	-33.72	0-360	200	V
7	* ** 9377.813	48.35	Pk	36.4	-40.8	0	43.95	54	-10.05	74	-30.05	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 (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 1706.5	34.23	Pk	29.5	-24.1	0	39.63	54	-14.37	74	-34.37	0-360	101	H
4	* ** 1693	32.02	Pk	29.4	-23.8	0	37.62	54	-16.38	74	-36.38	0-360	200	V
5	** 1851.091	43.94	PK2	30.7	-24.4	0	50.24	-	-	74	-23.76	53	344	V
	** 1852.739	21.34	ADV	30.7	-24.3	1.41	29.15	54	-24.85	-	-	53	344	V
2	* ** 4837.5	52.1	Pk	34.2	-45.3	0	41	54	-13	74	-33	0-360	101	H
3	* ** 8111.25	49.22	Pk	36	-41.1	0	44.12	54	-9.88	74	-29.88	0-360	101	H
6	* ** 5031.563	52.69	Pk	34.1	-44.6	0	42.19	54	-11.81	74	-31.81	0-360	101	V
7	* ** 8159.063	49.35	Pk	36	-42	0	43.35	54	-10.65	74	-30.65	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

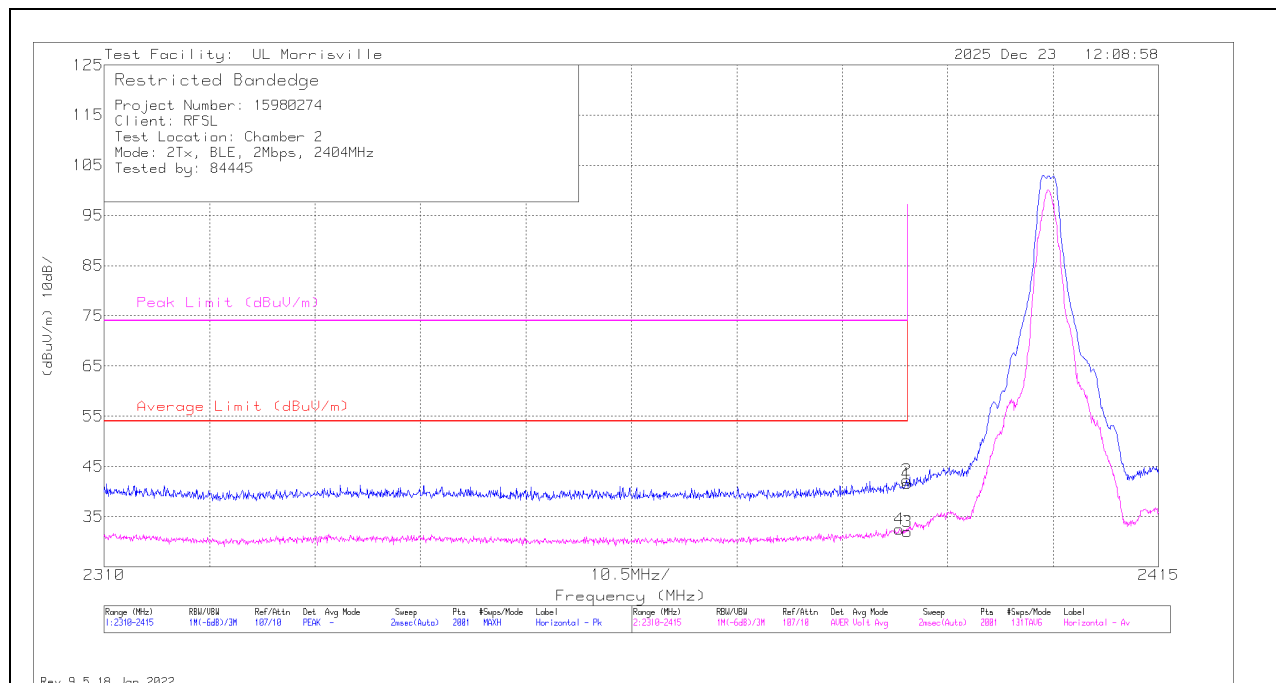
11.1.2. BLE (2Mbps)

Note – All Radiated Emissions BLE testing (bandedge and spurious) was tested at 1Mbps and 2Mbps data rates in MIMO mode at SISO power levels to represent worst-case for all modes.

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	88761 (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	* ** 2390	34.47	Pk	32.2	-25.1	0	41.57	-	-	74	-32.43	355	185	H
2	* ** 2389.905	35.11	Pk	32.2	-25	0	42.31	-	-	74	-31.69	355	185	H
3	* ** 2390	22.59	ADV	32.2	-25.1	2.36	32.05	54	-21.95	-	-	355	184	H
4	* ** 2389.17	22.96	ADV	32.2	-25	2.36	32.52	54	-21.48	-	-	355	184	H

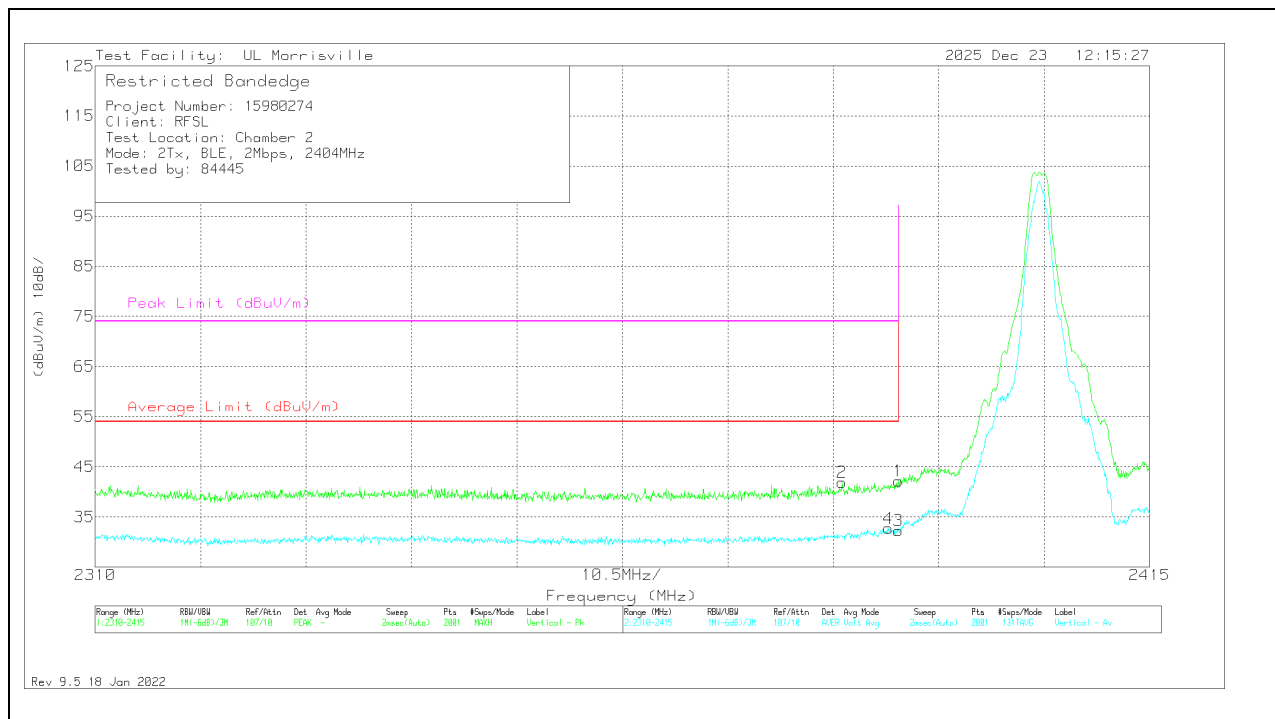
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (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	*** 2390	35.02	Pk	32.2	-25.1	0	42.12	-	-	74	-31.88	328	116	V
2	*** 2384.393	34.57	Pk	32.2	-24.9	0	41.87	-	-	74	-32.13	328	116	V
3	*** 2390	22.8	ADV	32.2	-25.1	2.36	32.26	54	-21.74	-	-	328	116	V
4	*** 2389.013	23.13	ADV	32.2	-25	2.36	32.69	54	-21.31	-	-	328	116	V

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

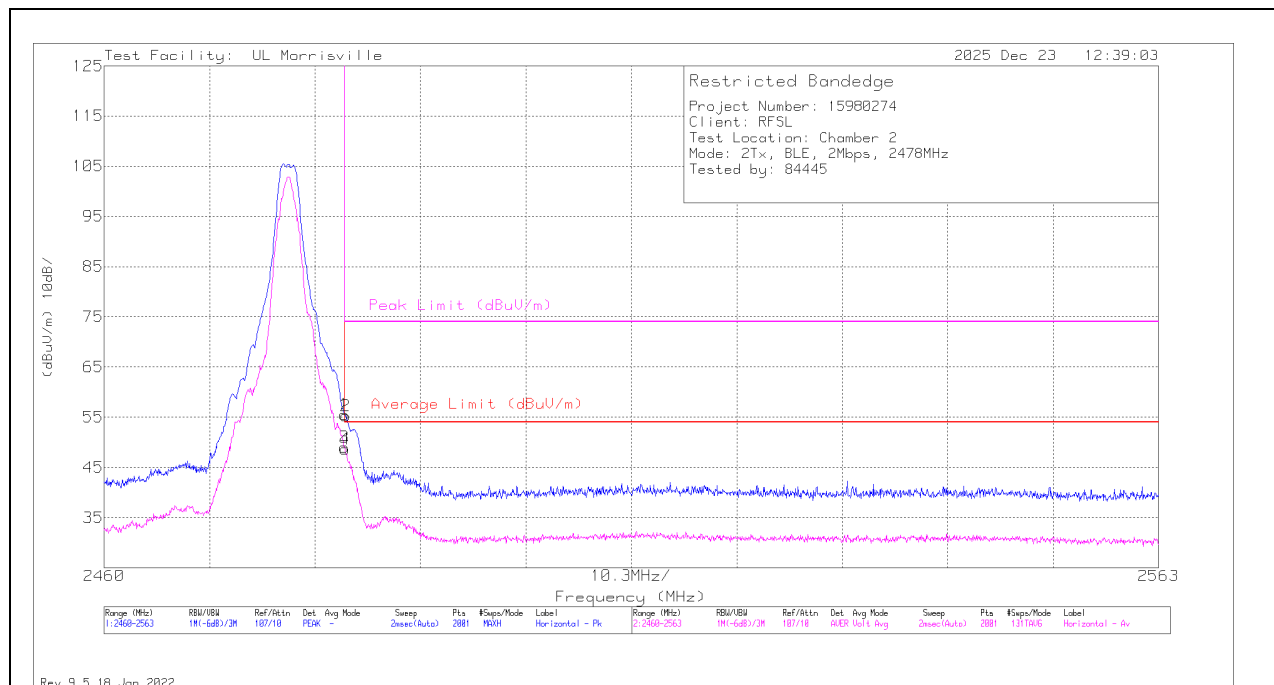
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 2483.5	48.38	Pk	32.7	-25.5	0	55.58	-	-	74	-18.42	356	139	H
2	* ** 2483.587	48.07	Pk	32.7	-25.5	0	55.27	-	-	74	-18.73	356	139	H
3	* ** 2483.5	39.46	ADV	32.7	-25.5	2.36	49.02	54	-4.98	-	-	356	139	H
4	* ** 2483.536	39.14	ADV	32.7	-25.5	2.36	48.7	54	-5.3	-	-	356	139	H

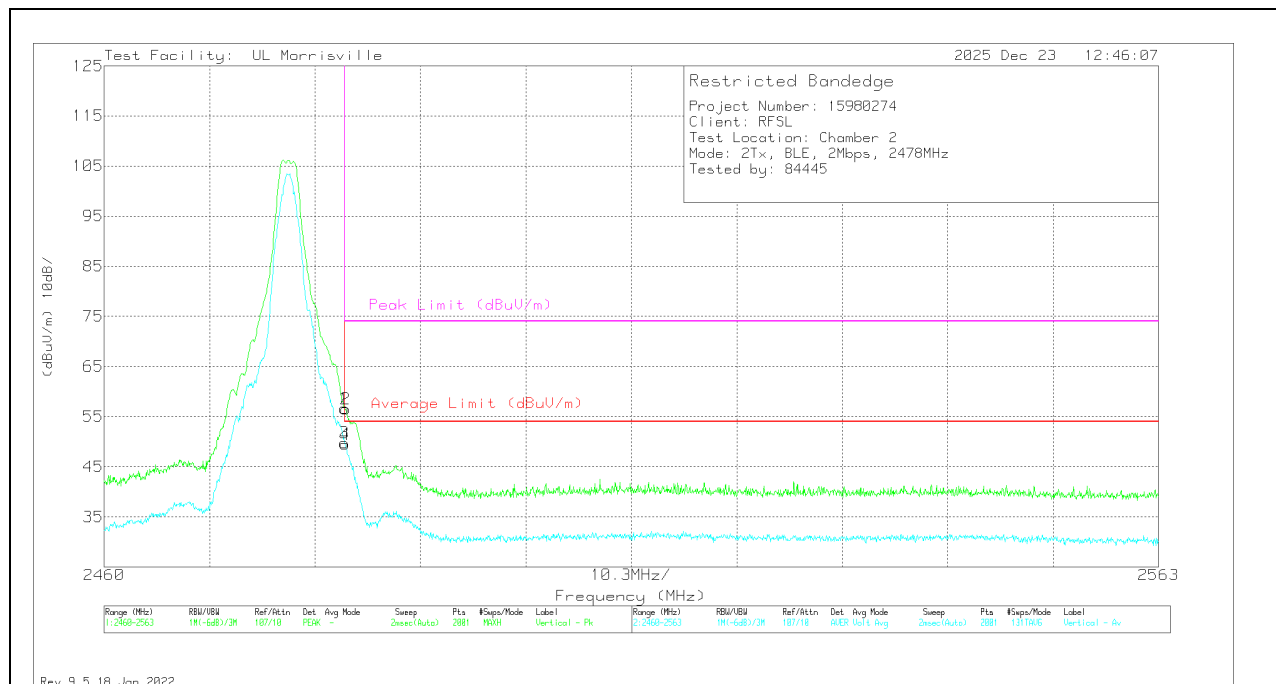
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 2483.5	49.4	Pk	32.7	-25.5	0	56.6	-	-	74	-17.4	344	132	V
2	* ** 2483.587	49.29	Pk	32.7	-25.5	0	56.49	-	-	74	-17.51	344	132	V
3	* ** 2483.5	40.22	ADV	32.7	-25.5	2.36	49.78	54	-4.22	-	-	344	132	V
4	* ** 2483.536	39.9	ADV	32.7	-25.5	2.36	49.46	54	-4.54	-	-	344	132	V

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

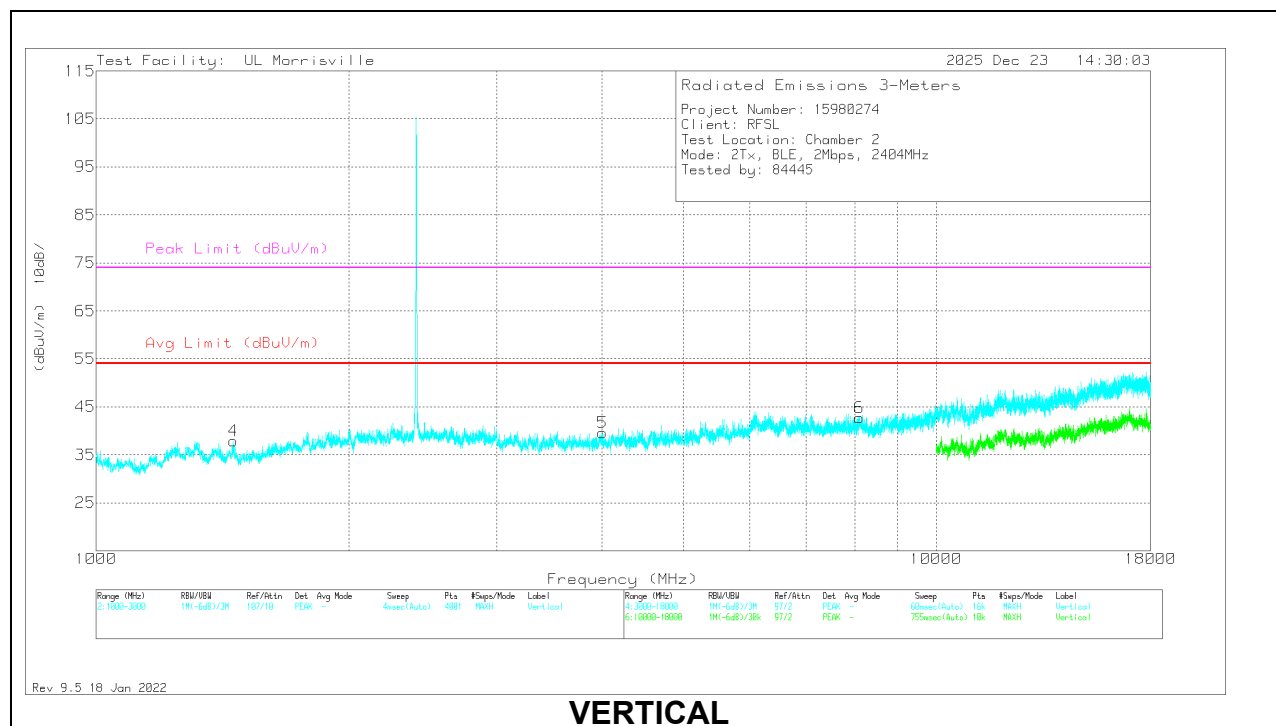
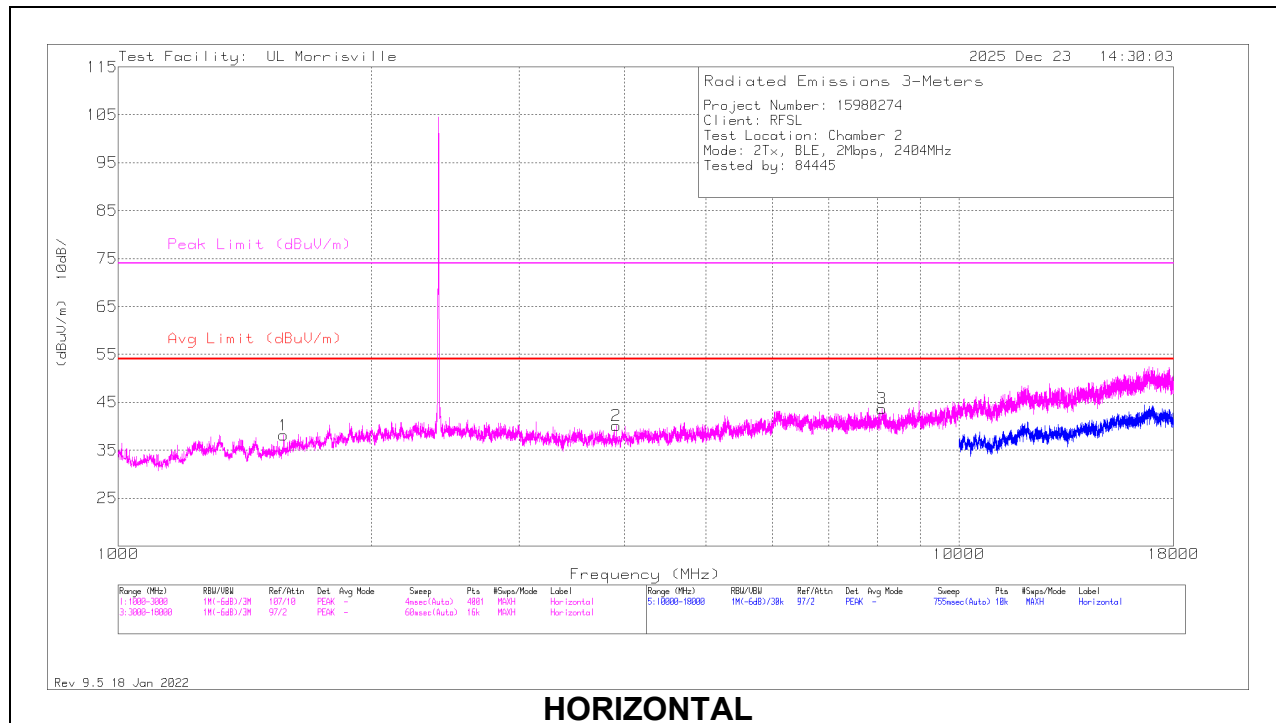
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

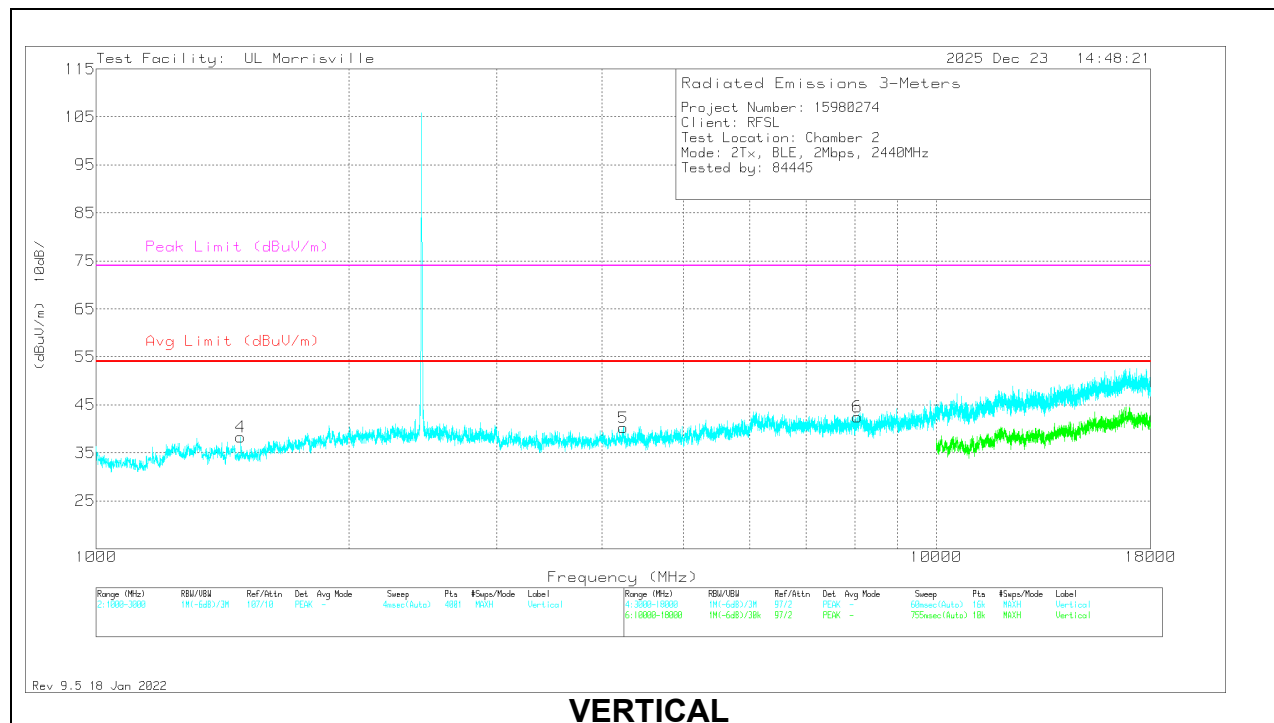
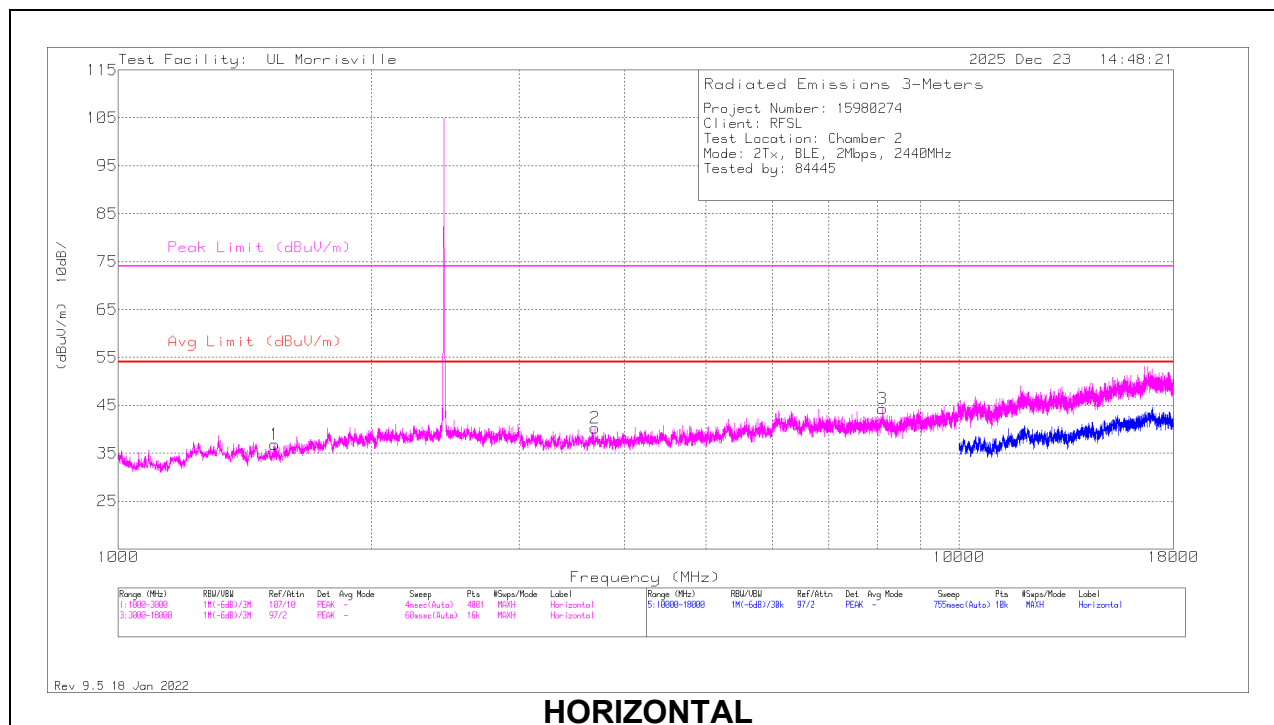
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1573	33.5	Pk	28.1	-23.5	0	38.1	54	-15.9	74	-35.9	0-360	101	H
4	* ** 1457	33.14	Pk	28.2	-23.4	0	37.94	54	-16.06	74	-36.06	0-360	101	V
2	* ** 3915	53.18	Pk	33.4	-46.4	0	40.18	54	-13.82	74	-33.82	0-360	200	H
3	* ** 8101.875	49.03	Pk	36	-41.4	0	43.63	54	-10.37	74	-30.37	0-360	200	H
5	* ** 4005.938	52.01	Pk	33.4	-45.8	0	39.61	54	-14.39	74	-34.39	0-360	101	V
6	* ** 8106.563	48.06	Pk	36	-41.3	0	42.76	54	-11.24	74	-31.24	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

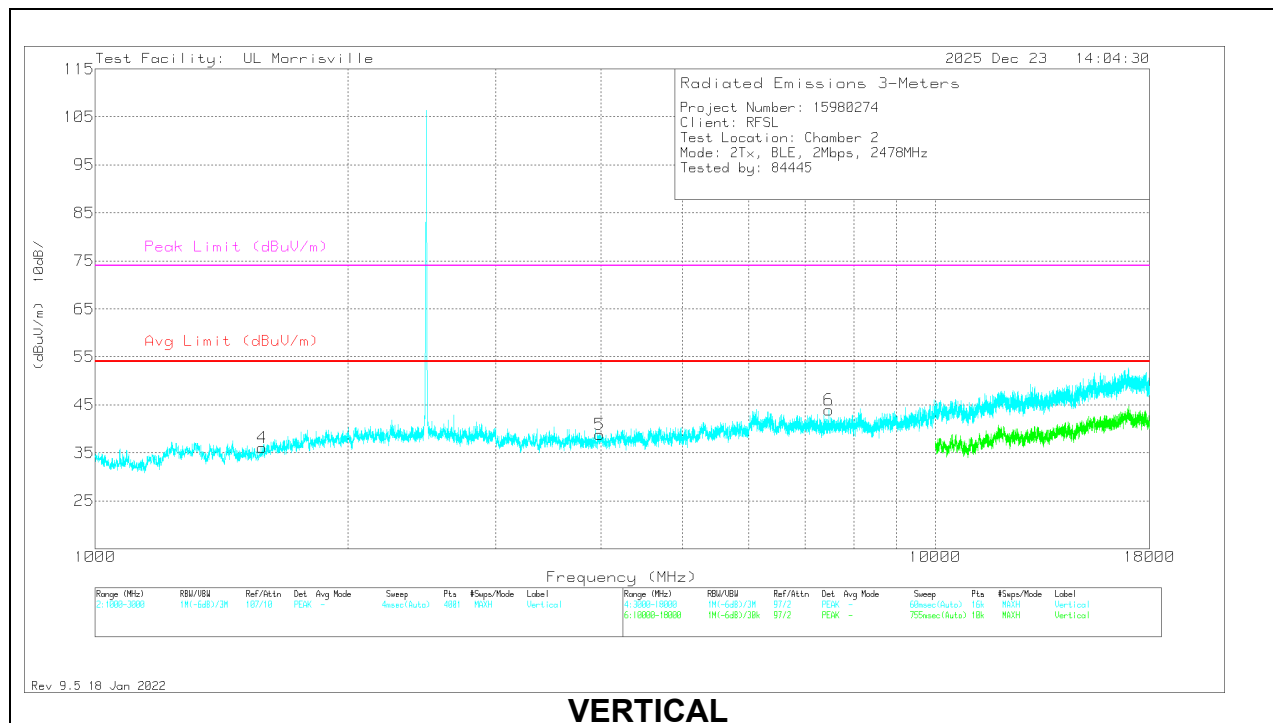
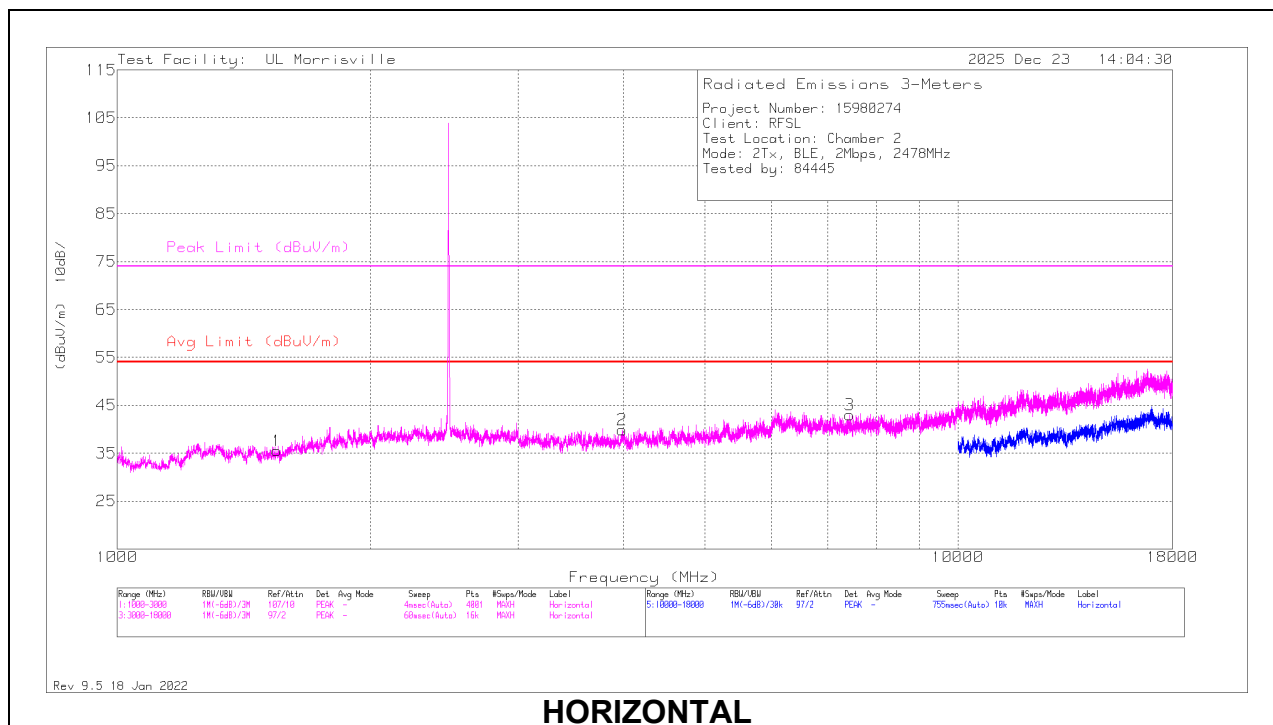
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/ Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 1534.5	33.1	Pk	27.9	-24.1	0	36.9	54	-17.1	74	-37.1	0-360	101	H
4	* ** 1487	34.46	Pk	28	-24.2	0	38.26	54	-15.74	74	-35.74	0-360	199	V
2	* ** 3692.813	53.41	Pk	33.1	-46.3	0	40.21	54	-13.79	74	-33.79	0-360	200	H
3	* ** 8114.063	49.39	Pk	36	-41.1	0	44.29	54	-9.71	74	-29.71	0-360	200	H
5	* ** 4241.25	52	Pk	33.6	-45.4	0	40.2	54	-13.8	74	-33.8	0-360	200	V
6	* ** 8062.5	48.34	Pk	35.9	-41.8	0	42.44	54	-11.56	74	-31.56	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 (MHz)	Meter Reading (dBuV)	Det	88761 (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	* ** 1548.5	31.39	Pk	27.9	-23.8	0	35.49	54	-18.51	74	-38.51	0-360	200	H
4	* ** 1581	31.26	Pk	28.2	-23.4	0	36.06	54	-17.94	74	-37.94	0-360	200	V
2	* ** 3987.188	52.54	Pk	33.4	-46.1	0	39.84	54	-14.16	74	-34.16	0-360	101	H
3	* ** 7429.688	49.18	Pk	35.5	-41.7	0	42.98	54	-11.02	74	-31.02	0-360	101	H
5	* ** 3989.063	51.55	Pk	33.4	-46.1	0	38.85	54	-15.15	74	-35.15	0-360	200	V
6	* ** 7473.75	50.62	Pk	35.6	-42.3	0	43.92	54	-10.08	74	-30.08	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

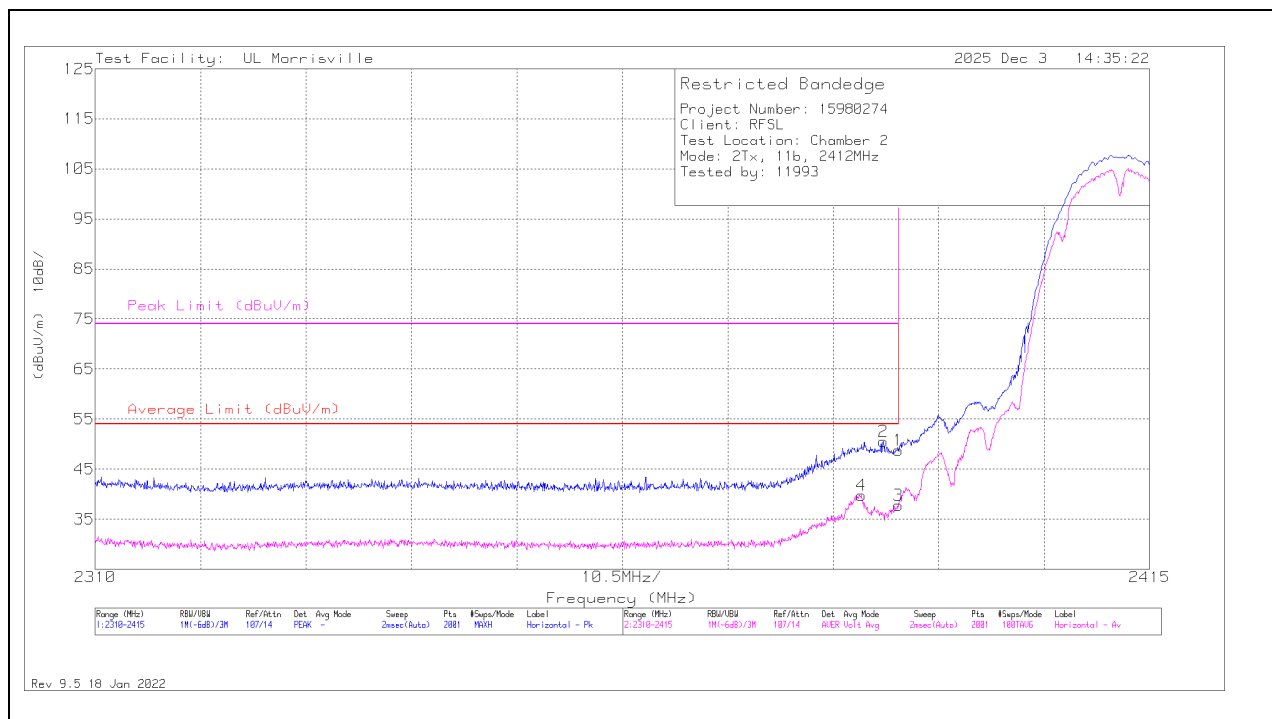
Pk - Peak detector

11.1.3. TX ABOVE 1 GHz 802.11b MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	41.67	Pk	32.2	-25.1	48.77	-	-	74	-25.23	85	117	H
2	* ** 2388.488	43.28	Pk	32.2	-25	50.48	-	-	74	-23.52	85	117	H
3	* ** 2390	30.65	ADV	32.2	-25.1	37.75	54	-16.25	-	-	85	117	H
4	* ** 2386.283	32.46	ADV	32.2	-24.9	39.76	54	-14.24	-	-	85	117	H

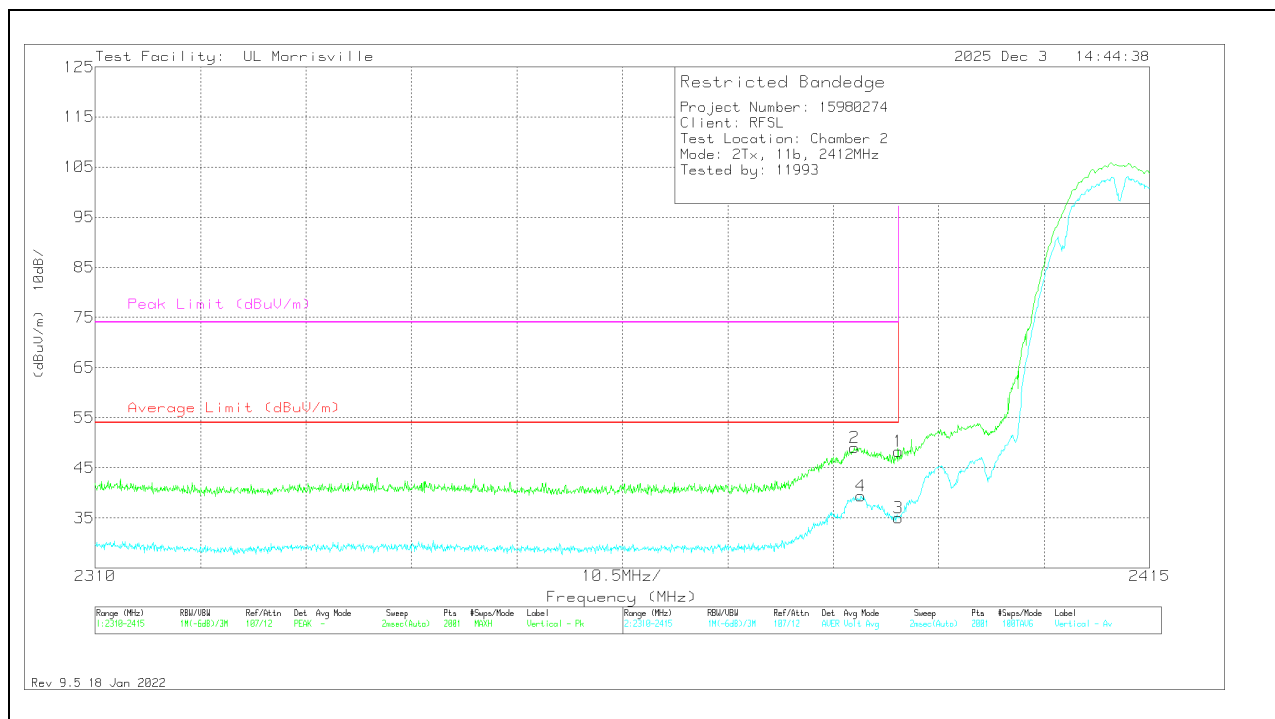
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	41.15	Pk	32.2	-25.1	48.25	-	-	74	-25.75	3	129	V
2	* ** 2385.6	41.7	Pk	32.2	-24.9	49	-	-	74	-25	3	129	V
3	* ** 2390	27.9	ADV	32.2	-25.1	35	54	-19	-	-	3	129	V
4	* ** 2386.23	32.13	ADV	32.2	-24.9	39.43	54	-14.57	-	-	3	129	V

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

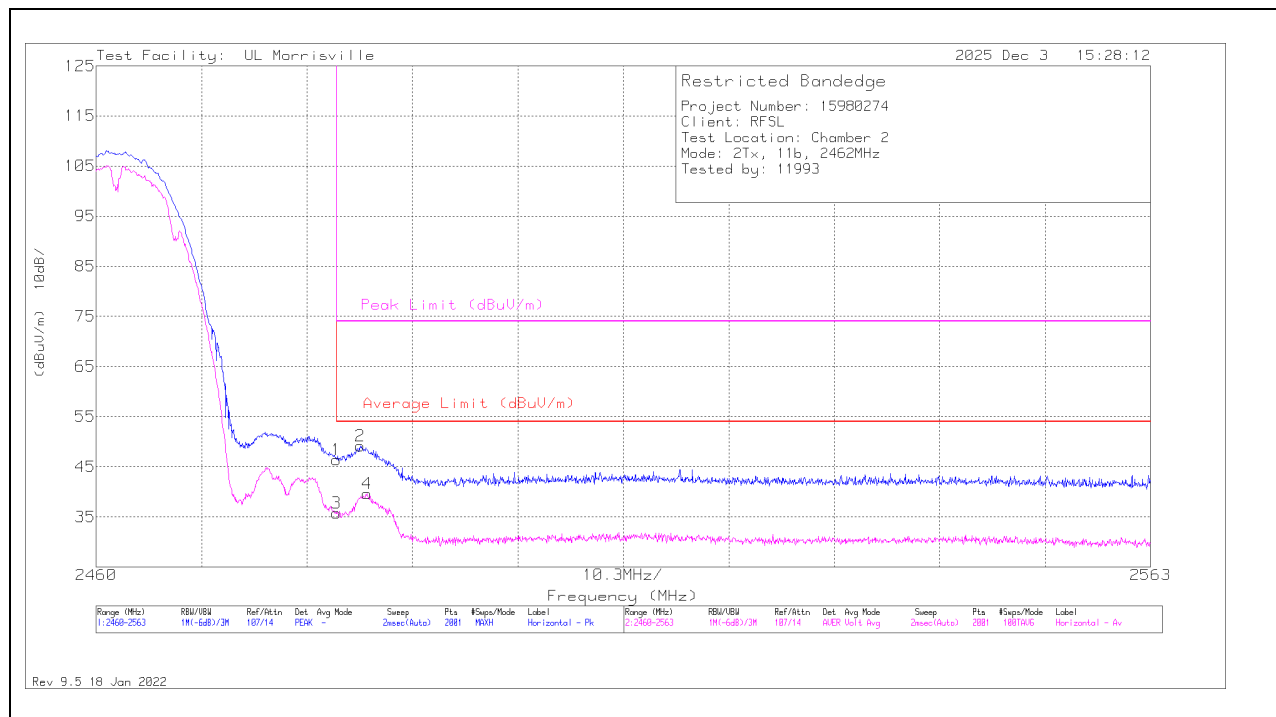
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2483.5	39.24	Pk	32.7	-25.5	46.44	-	-	74	-27.56	81	150	H
2	* ** 2485.802	42.12	Pk	32.7	-25.7	49.12	-	-	74	-24.88	81	150	H
3	* ** 2483.5	28.55	ADV	32.7	-25.5	35.75	54	-18.25	-	-	81	150	H
4	* ** 2486.471	32.62	ADV	32.7	-25.7	39.62	54	-14.38	-	-	81	150	H

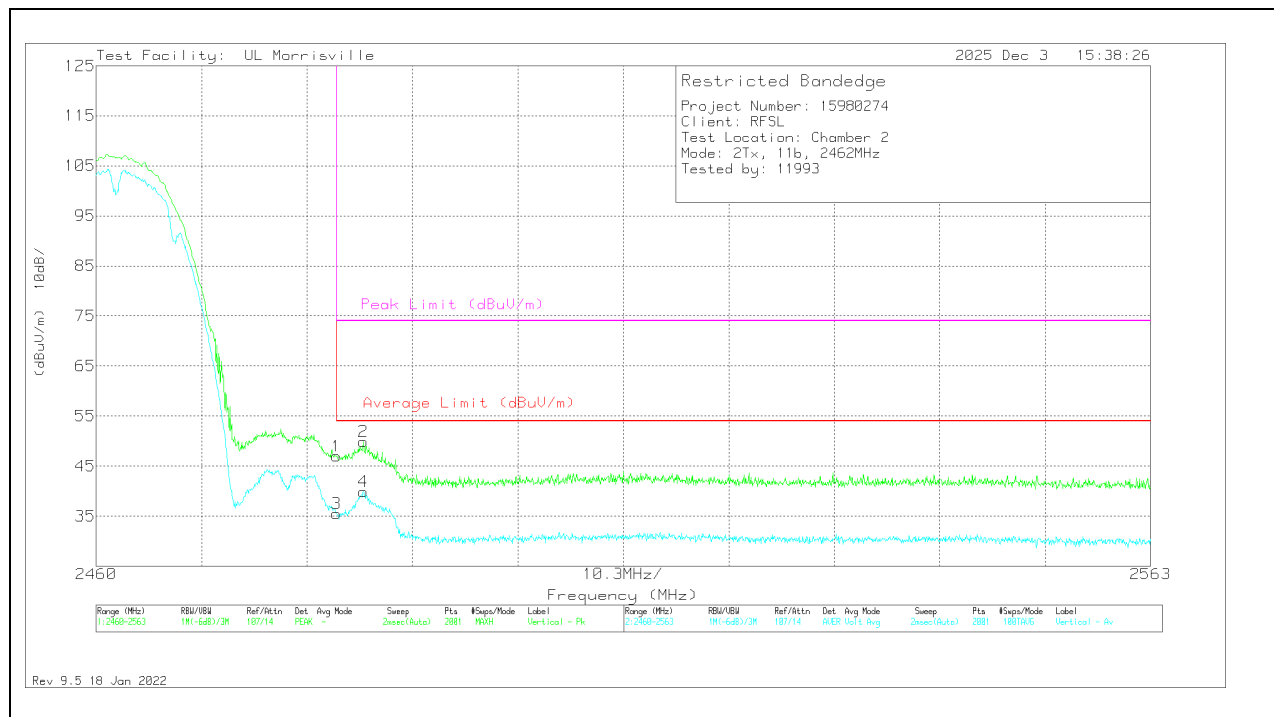
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2483.5	39.76	Pk	32.7	-25.5	46.96	-	-	74	-27.04	126	219	V
2	** 2486.111	42.94	Pk	32.7	-25.7	49.94	-	-	74	-24.06	126	219	V
3	*** 2483.5	28.27	ADV	32.7	-25.5	35.47	54	-18.53	-	-	126	219	V
4	** 2486.111	32.88	ADV	32.7	-25.7	39.88	54	-14.12	-	-	126	219	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

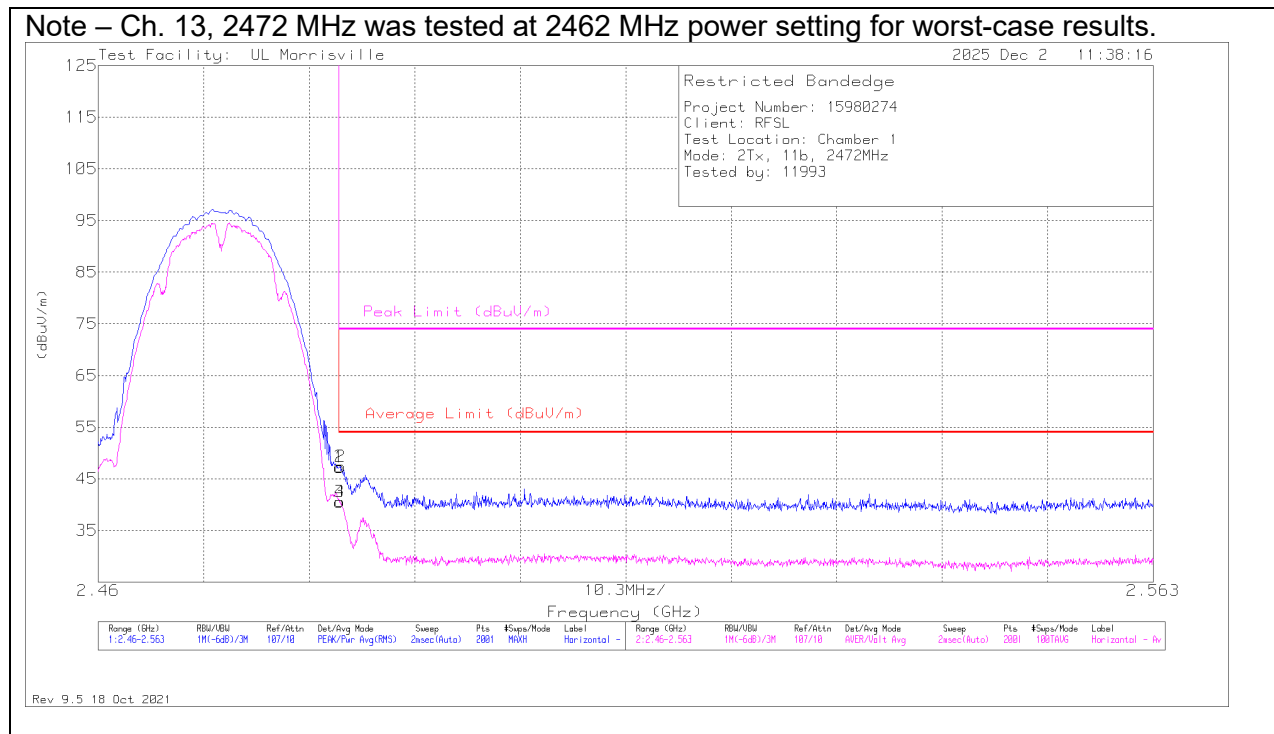
Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, Ch. 13)

HORIZONTAL RESULT

Note – Ch. 13, 2472 MHz was tested at 2462 MHz power setting for worst-case results.



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	39.43	Pk	32.2	-24.4	47.23	-	-	74	-26.77	17	286	H
2	* ** 2.48364	39.55	Pk	32.2	-24.4	47.35	-	-	74	-26.65	17	286	H
3	* ** 2.48354	32.72	ADV	32.2	-24.4	40.52	54	-13.48	-	-	17	286	H
4	* ** 2.48359	32.75	ADV	32.2	-24.4	40.55	54	-13.45	-	-	17	286	H

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

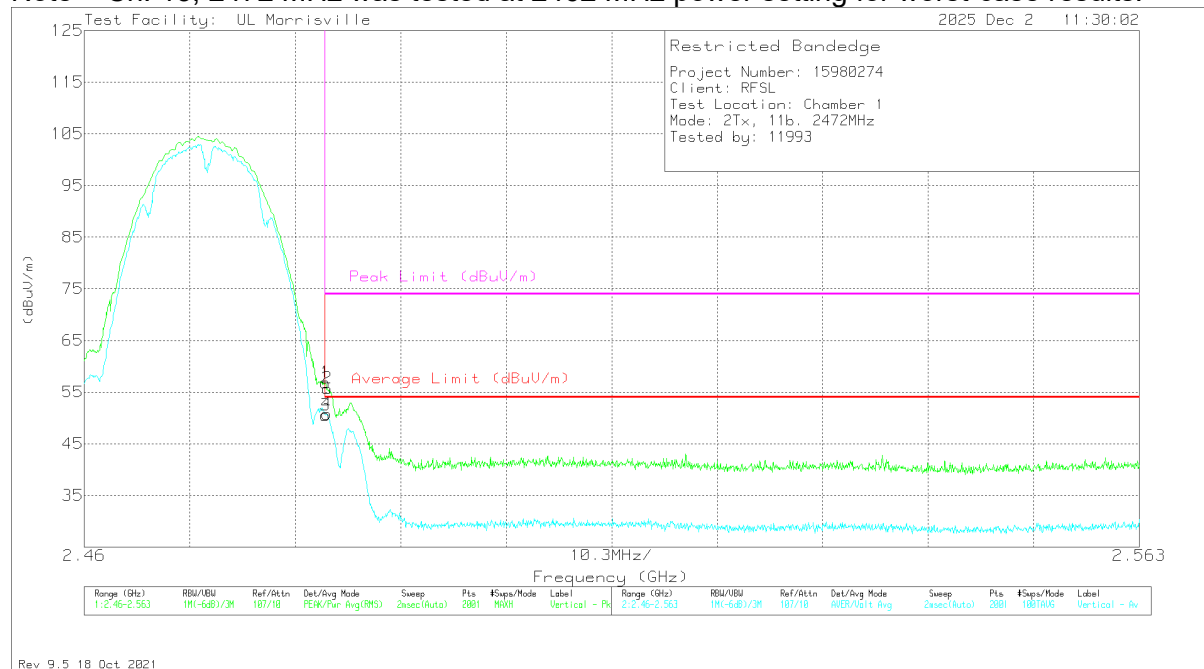
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

Note – Ch. 13, 2472 MHz was tested at 2462 MHz power setting for worst-case results.



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	49.04	Pk	32.2	-24.4	56.84	-	-	74	-17.16	148	245	V
2	* ** 2.48374	47.94	Pk	32.2	-24.4	55.74	-	-	74	-18.26	148	245	V
3	* ** 2.48354	42.73	ADV	32.2	-24.4	50.53	54	-3.47	-	-	148	245	V
4	* ** 2.48369	42.97	ADV	32.2	-24.4	50.77	54	-3.23	-	-	148	245	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

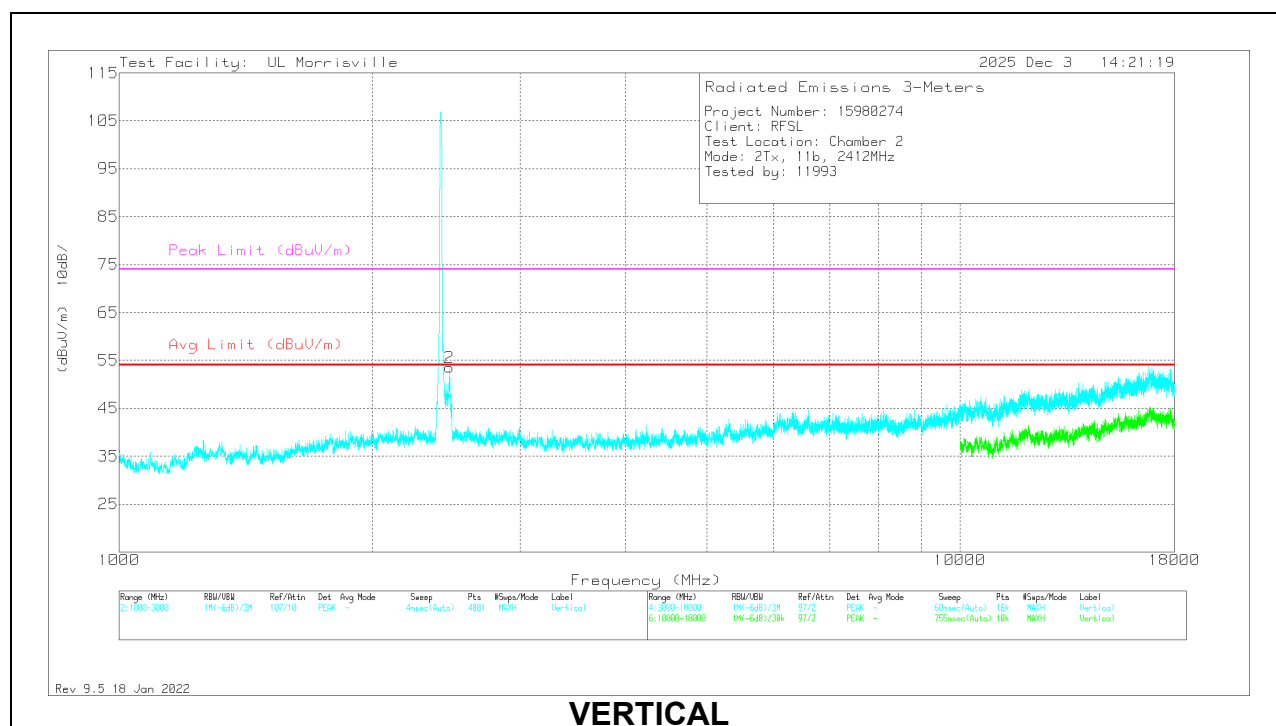
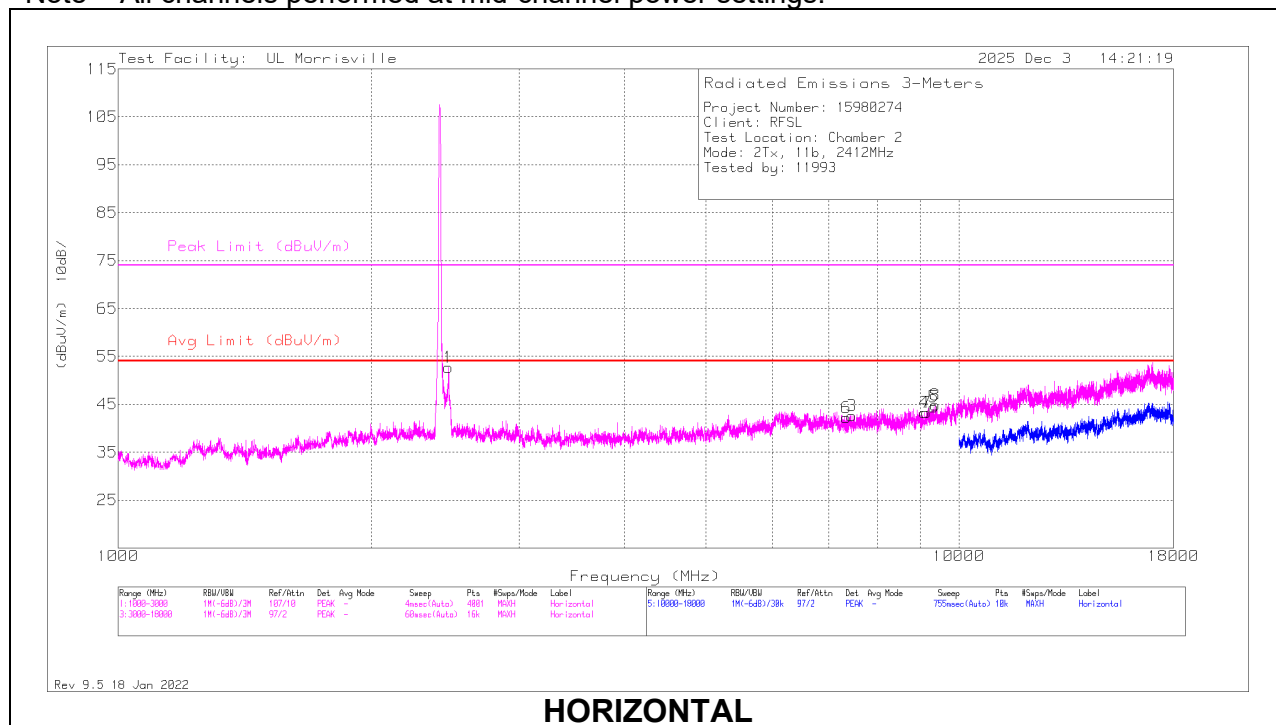
Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS

Note – All channels performed at mid-channel power settings.



RADIATED EMISSIONS

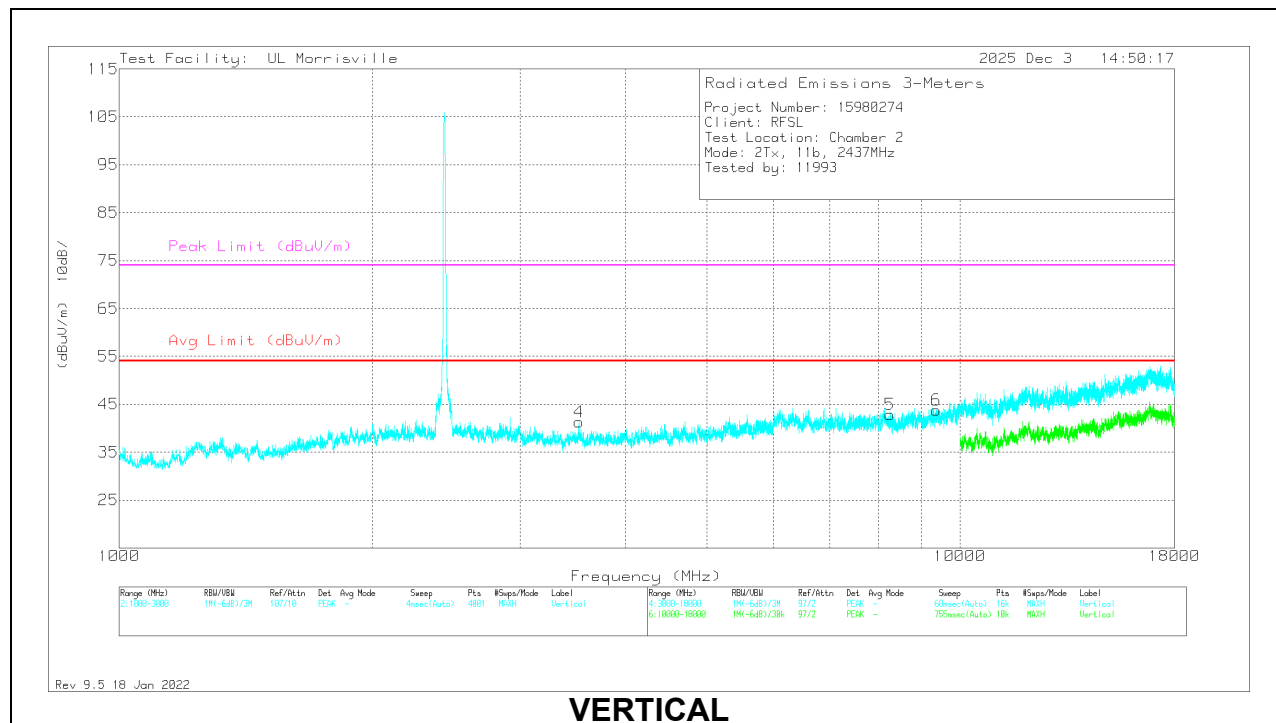
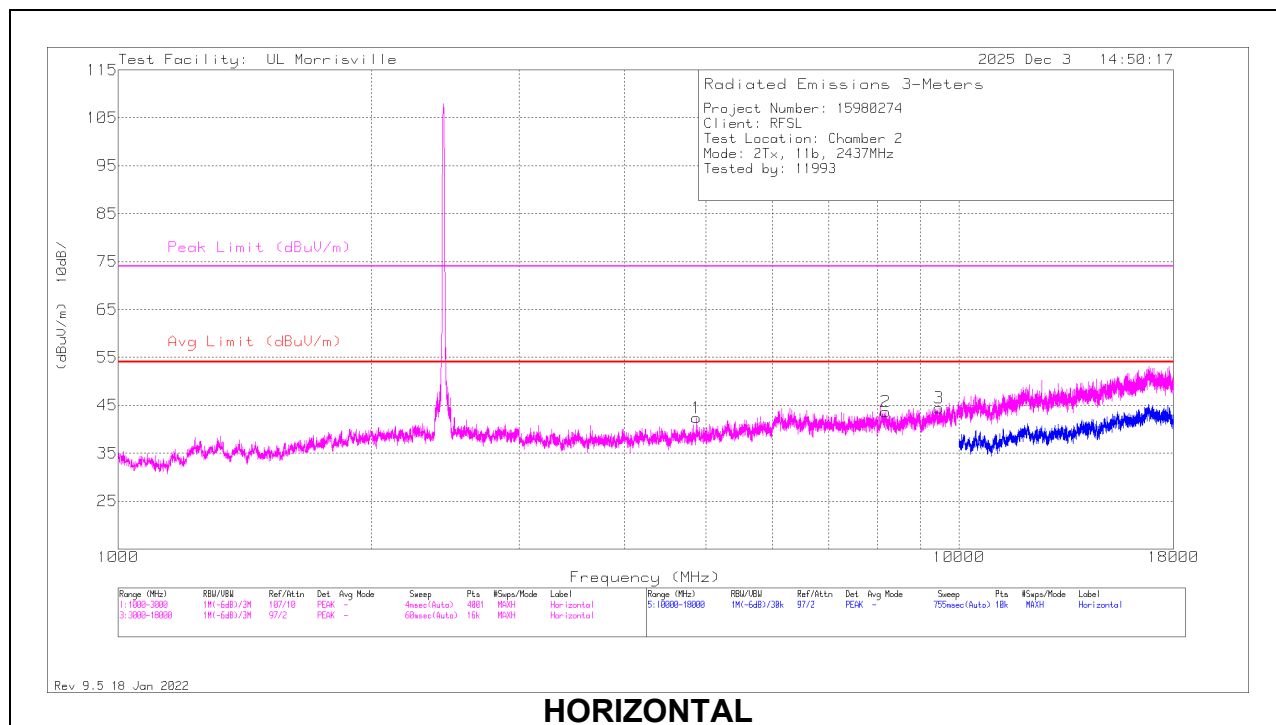
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 7465.313	49.15	Pk	35.5	-42	42.65	54	-11.35	74	-31.35	0-360	199	H
4	* ** 9106.875	47.55	Pk	36	-40.3	43.25	54	-10.75	74	-30.75	0-360	199	H
5	* ** 9337.5	49.17	Pk	36.3	-41	44.47	54	-9.53	74	-29.53	0-360	199	H
6	* ** 7350.938	49.52	Pk	35.4	-42.7	42.22	54	-11.78	74	-31.78	0-360	101	H
7	* ** 9156.563	47.72	Pk	36.1	-40.6	43.22	54	-10.78	74	-30.78	0-360	101	H
8	* ** 9379.688	49.29	Pk	36.4	-40.9	44.79	54	-9.21	74	-29.21	0-360	199	H
1	2470	45.64	Pk	32.7	-25.6	52.74	-	-	-	-	0-360	101	H
2	2470.5	46.44	Pk	32.7	-25.6	53.54	-	-	-	-	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 (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 4873.125	52.81	Pk	34.2	-44.6	42.41	54	-11.59	74	-31.59	0-360	101	H
2	* ** 8180.625	49.55	Pk	36	-41.9	43.65	54	-10.35	74	-30.35	0-360	101	H
3	* ** 9473.438	49.46	Pk	36.5	-41.5	44.46	54	-9.54	74	-29.54	0-360	101	H
4	* ** 3521.25	53.99	Pk	32.9	-45.6	41.29	54	-12.71	74	-32.71	0-360	200	V
5	* ** 8254.688	48.52	Pk	35.9	-41.5	42.92	54	-11.08	74	-31.08	0-360	101	V
6	* ** 9375.938	48.03	Pk	36.4	-40.6	43.83	54	-10.17	74	-30.17	0-360	200	V

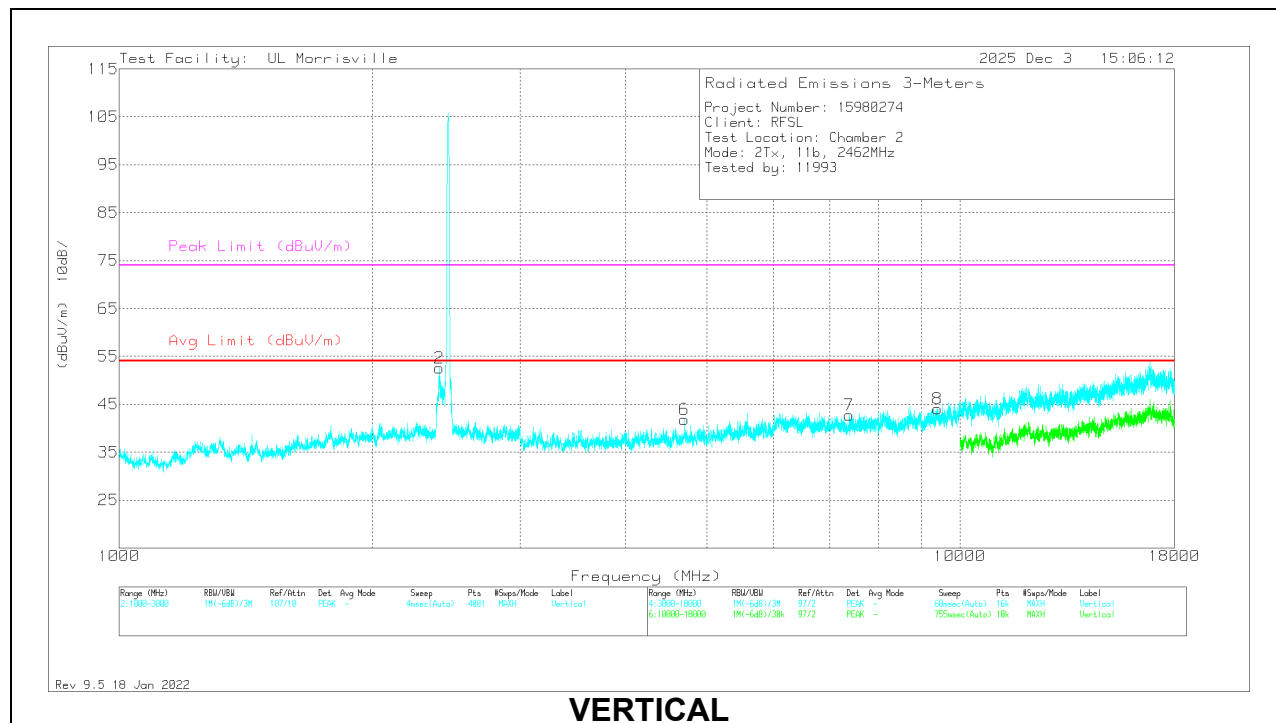
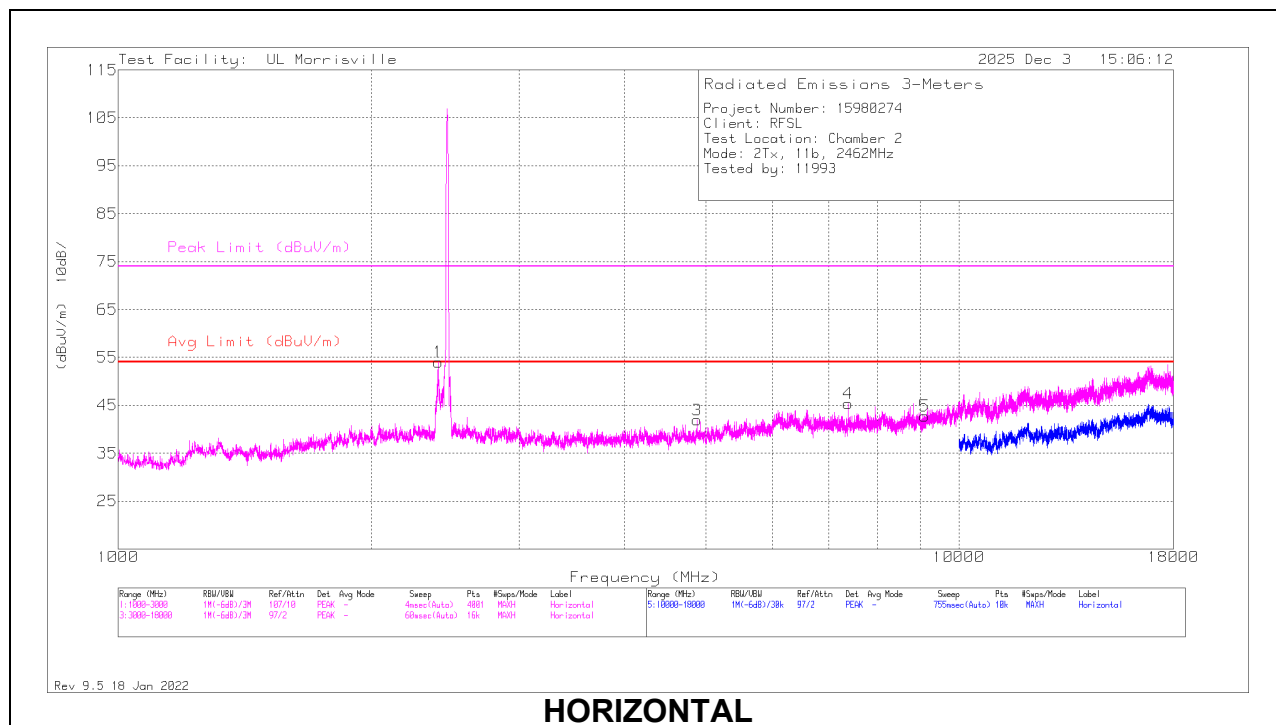
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	* ** 4880.625	52.2	Pk	34.2	-44.5	41.9	54	-12.1	74	-32.1	0-360	101	H
4	* ** 7385.625	52.11	Pk	35.5	-42.2	45.41	54	-8.59	74	-28.59	0-360	199	H
5	* ** 9099.375	47.48	Pk	36	-40.7	42.78	54	-11.22	74	-31.22	0-360	101	H
6	* ** 4701.563	52.38	Pk	34.1	-44.6	41.88	54	-12.12	74	-32.12	0-360	199	V
7	* ** 7386.563	49.36	Pk	35.5	-42.1	42.76	54	-11.24	74	-31.24	0-360	199	V
8	* ** 9399.375	48.7	Pk	36.4	-41	44.1	54	-9.9	74	-29.9	0-360	199	V
1	2403.5	47.23	Pk	32.3	-25.5	54.03	-	-	-	-	0-360	101	H
2	2404.5	45.75	Pk	32.3	-25.5	52.55	-	-	-	-	0-360	199	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

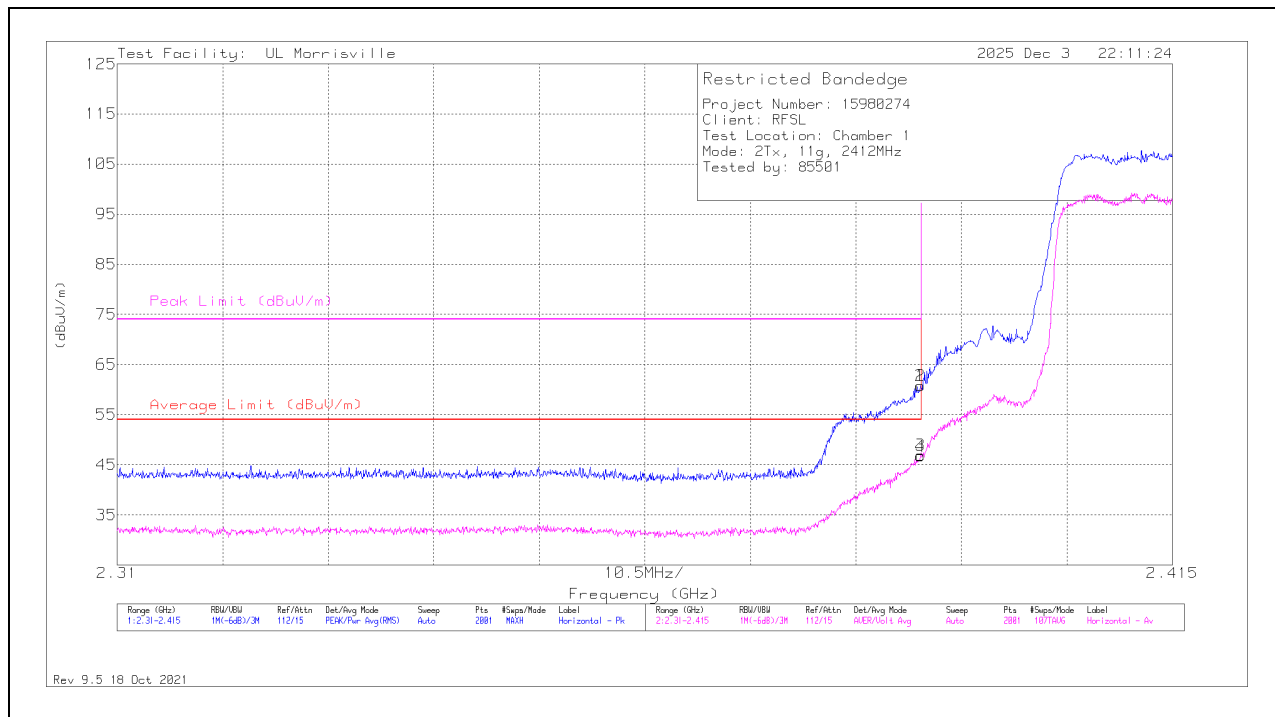
ADV - Linear Voltage Average

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

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	54.03	Pk	31.9	-25.1	0	60.83	-	-	74	-13.17	15	102	H
2	* ** 2.38991	53.98	Pk	31.9	-25.1	0	60.78	-	-	74	-13.22	15	102	H
3	* ** 2.38996	39.45	ADV	31.9	-25.1	.62	46.87	54	-7.13	-	-	15	102	H
4	* ** 2.38991	39.29	ADV	31.9	-25.1	.62	46.71	54	-7.29	-	-	15	102	H

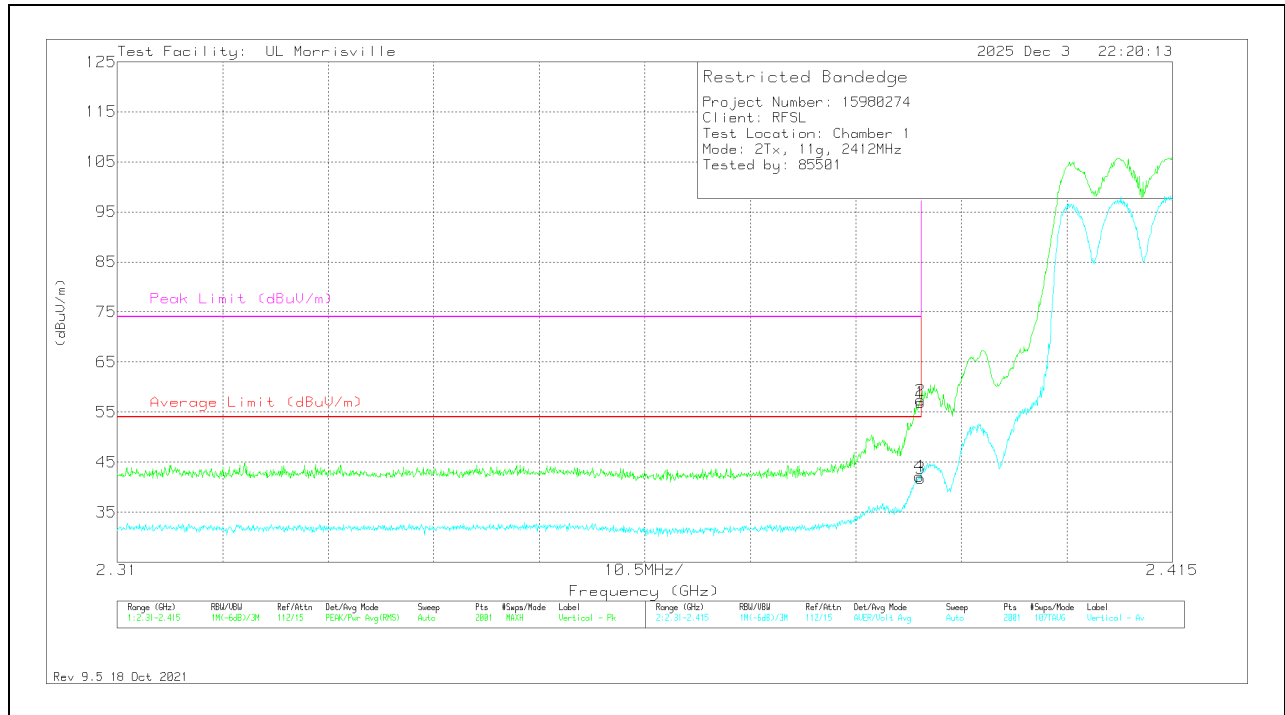
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	50.09	Pk	31.9	-25.1	0	56.89	-	-	74	-17.11	276	308	V
2	* ** 2.38991	50.55	Pk	31.9	-25.1	0	57.35	-	-	74	-16.65	276	308	V
3	* ** 2.38996	34.37	ADV	31.9	-25.1	.62	41.79	54	-12.21	-	-	276	308	V
4	* ** 2.3898	34.77	ADV	31.9	-25.1	.62	42.19	54	-11.81	-	-	276	308	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

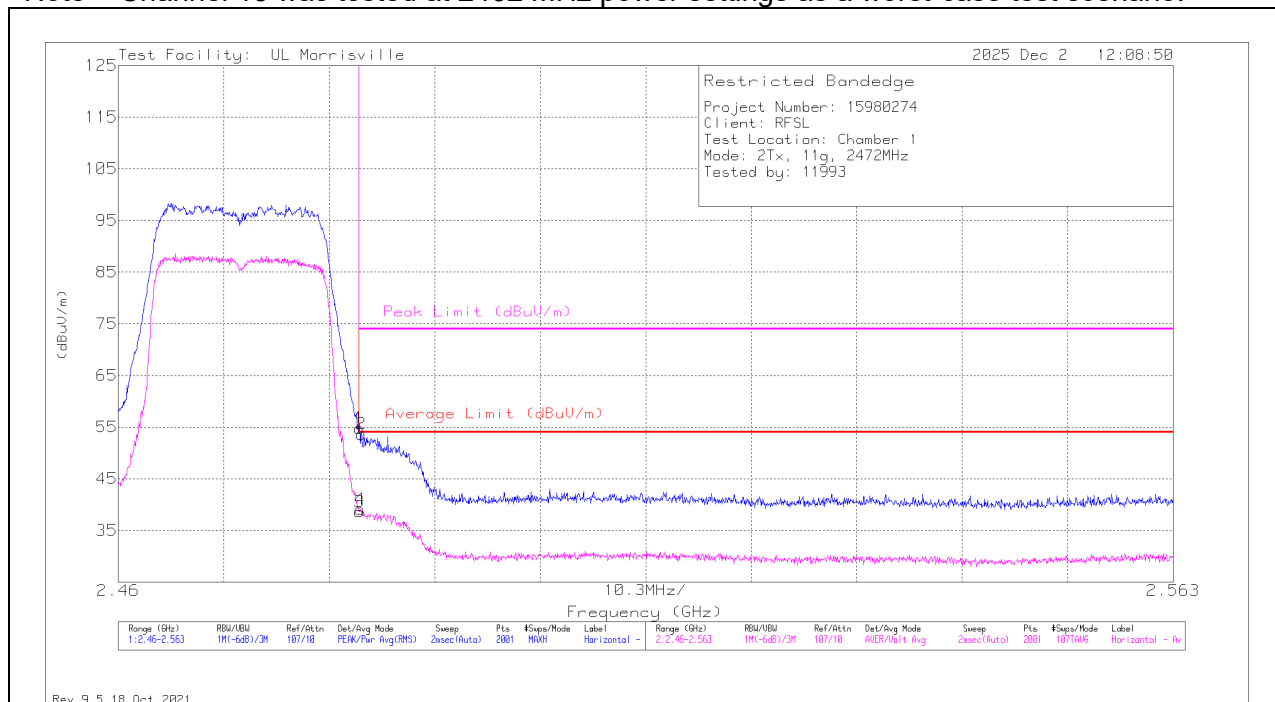
Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, Ch.13)

HORIZONTAL RESULT

Note – Channel 13 was tested at 2462 MHz power settings as a worst-case test scenario.



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	46.98	Pk	32.2	-24.4	0	54.78	-	-	74	-19.22	8	289	H
2	* ** 2.48374	45.88	Pk	32.2	-24.4	0	53.68	-	-	74	-20.32	8	289	H
3	* ** 2.48354	30.2	ADV	32.2	-24.4	.62	38.62	54	-15.38	-	-	8	289	H
4	* ** 2.48359	30.69	ADV	32.2	-24.4	.62	39.11	54	-14.89	-	-	8	289	H

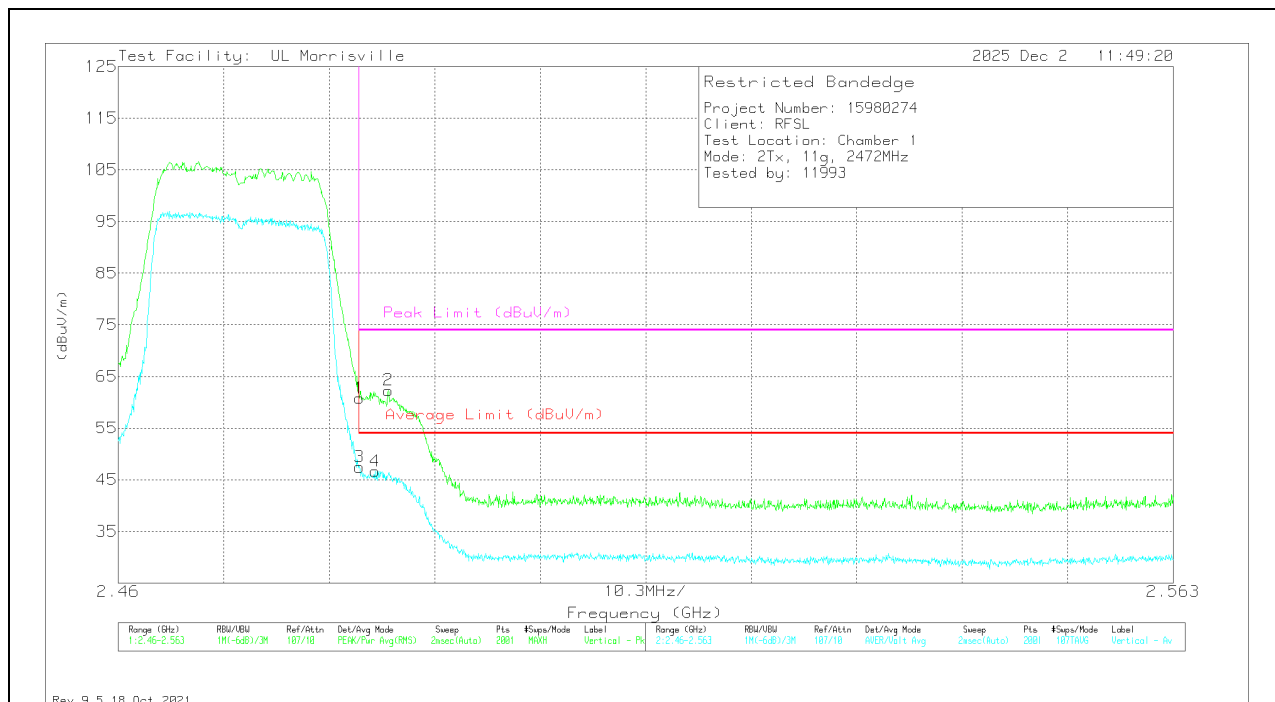
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	52.98	Pk	32.2	-24.4	0	60.78	-	-	74	-13.22	141	264	V
2	*** 2.48637	54.61	Pk	32.2	-24.5	0	62.31	-	-	74	-11.69	141	264	V
3	*** 2.48354	39.06	ADV	32.2	-24.4	.62	47.48	54	-6.52	-	-	141	264	V
4	*** 2.48508	38.33	ADV	32.2	-24.5	.62	46.65	54	-7.35	-	-	141	264	V

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

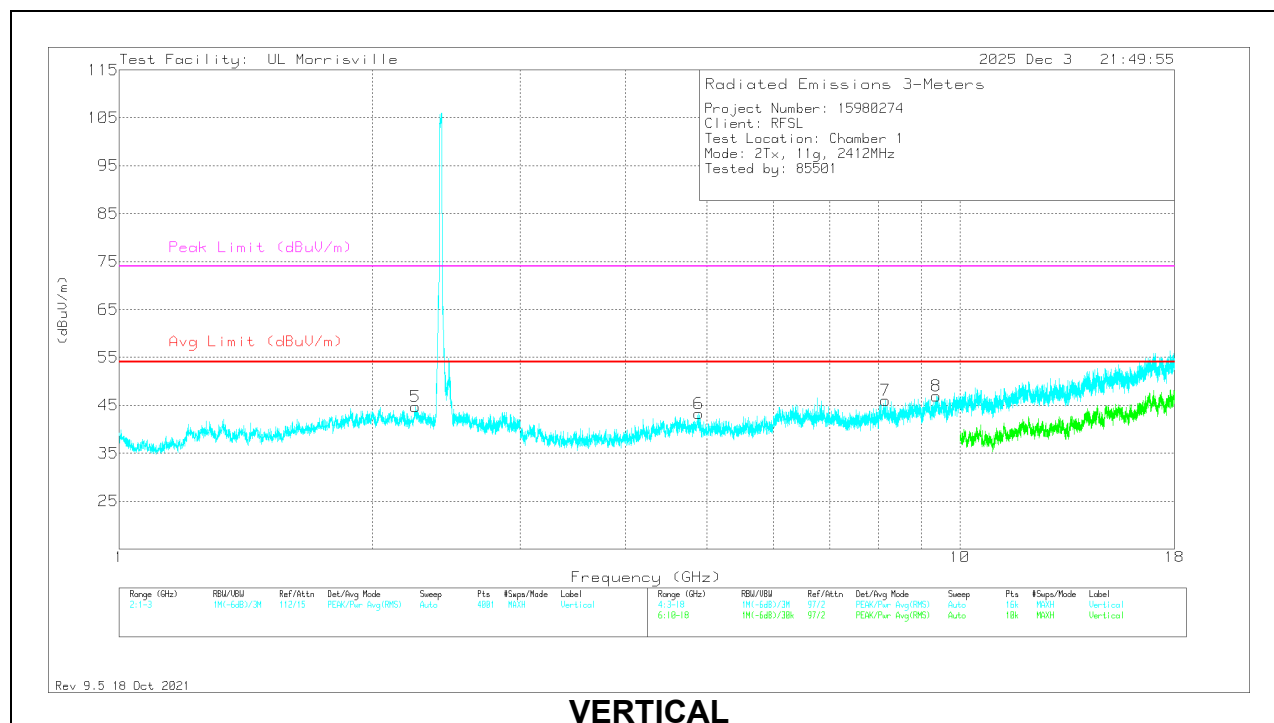
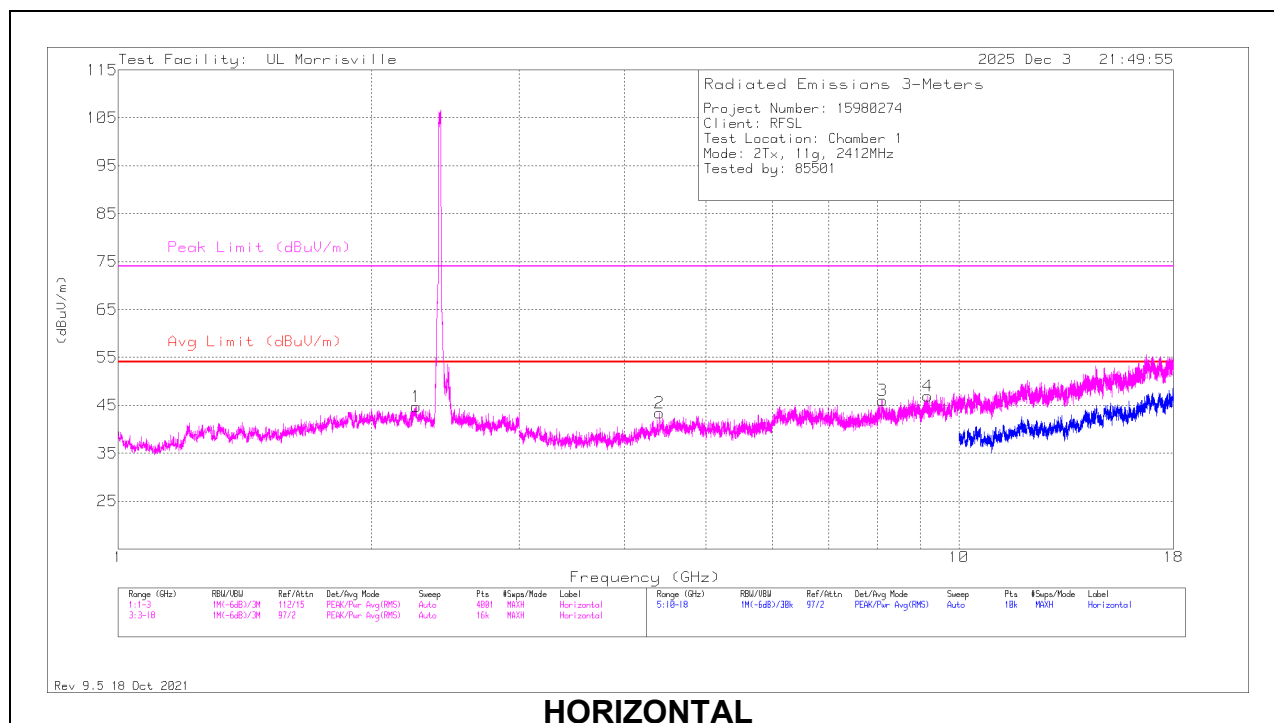
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

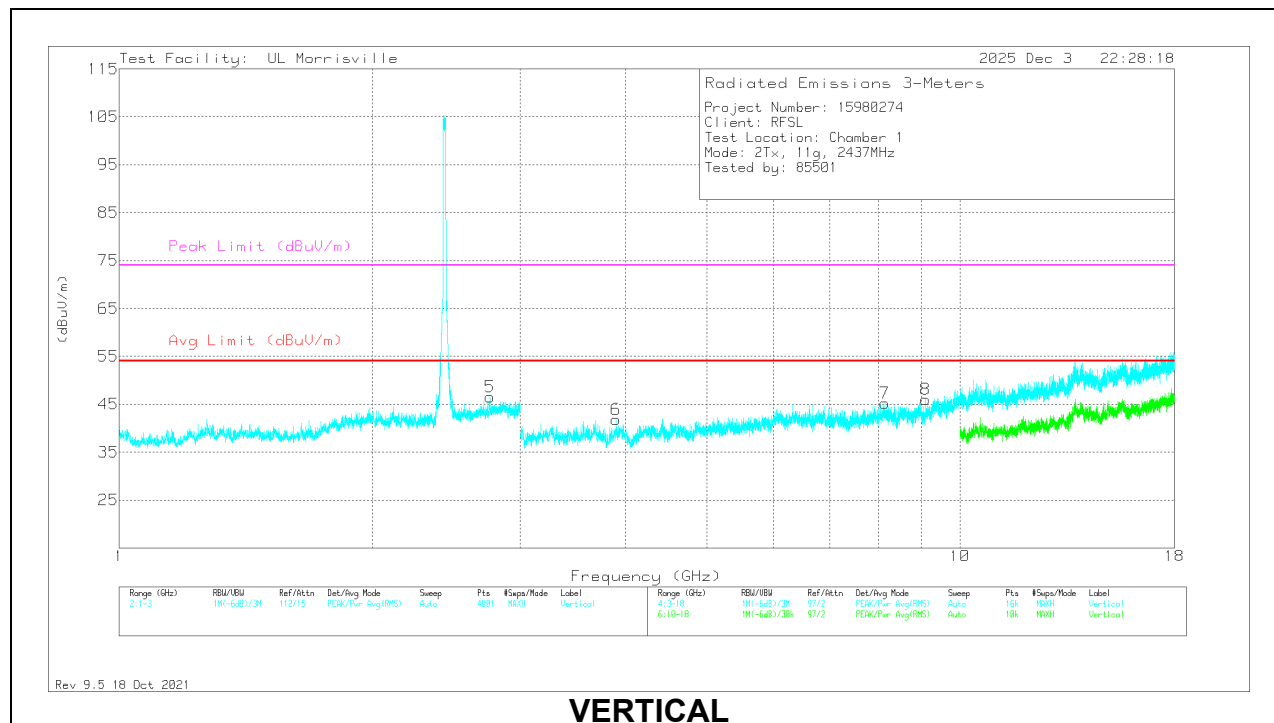
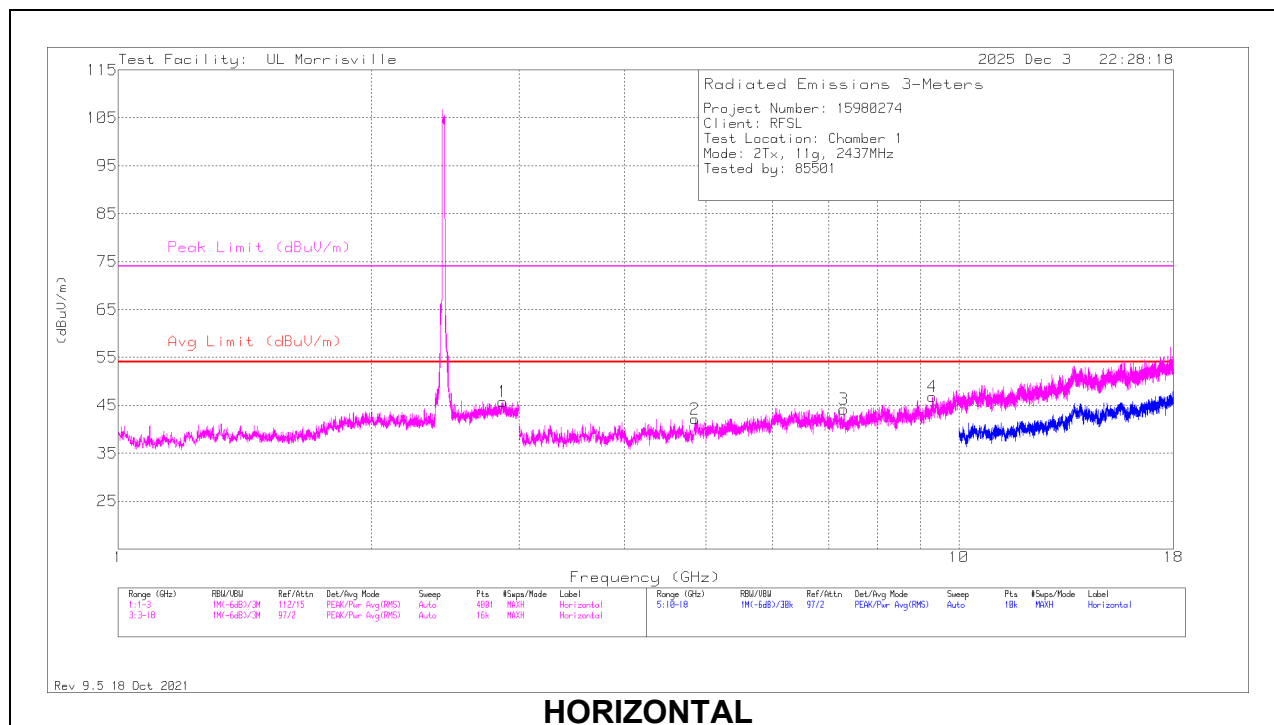
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.264	36.58	Pk	32.1	-24	0	44.68	54	-9.32	74	-29.32	0-360	101	H
5	* ** 2.2515	36.2	Pk	32	-23.5	0	44.7	54	-9.3	74	-29.3	0-360	200	V
3	* ** 8.11875	51.36	Pk	36	-41.3	0	46.06	54	-7.94	74	-27.94	0-360	101	H
4	* ** 9.18188	51.35	Pk	36.1	-40.5	0	46.95	54	-7.05	74	-27.05	0-360	101	H
6	* ** 4.89469	54.01	Pk	34.1	-44.8	0	43.31	54	-10.69	74	-30.69	0-360	101	V
7	* ** 8.15906	51.99	Pk	36	-42	0	45.99	54	-8.01	74	-28.01	0-360	101	V
8	* ** 9.38063	51.49	Pk	36.4	-41	0	46.89	54	-7.11	74	-27.11	0-360	200	V
2	4.40719	55.2	Pk	33.8	-45.6	0	43.4	54	-10.6	74	-30.6	0-360	101	H

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

MID CHANNEL 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	* ** 2.869	36.96	Pk	32.5	-23.7	0	45.76	54	-8.24	74	-28.24	0-360	200	H
5	* ** 2.761	37.4	Pk	32.6	-23.5	0	46.5	54	-7.5	74	-27.5	0-360	101	V
2	* ** 4.85344	53.95	Pk	33.9	-45.7	0	42.15	54	-11.85	74	-31.85	0-360	199	H
3	* ** 7.29281	51.24	Pk	35.4	-42.5	0	44.14	54	-9.86	74	-29.86	0-360	101	H
4	* ** 9.30188	50.82	Pk	36.1	-40.1	0	46.82	54	-7.18	74	-27.18	0-360	101	H
6	* ** 3.89906	53.58	Pk	32.9	-44.7	0	41.78	54	-12.22	74	-32.22	0-360	101	V
7	* ** 8.14781	50.54	Pk	35.9	-41.2	0	45.24	54	-8.76	74	-28.76	0-360	200	V
8	* ** 9.10781	51.64	Pk	35.9	-41.5	0	46.04	54	-7.96	74	-27.96	0-360	101	V

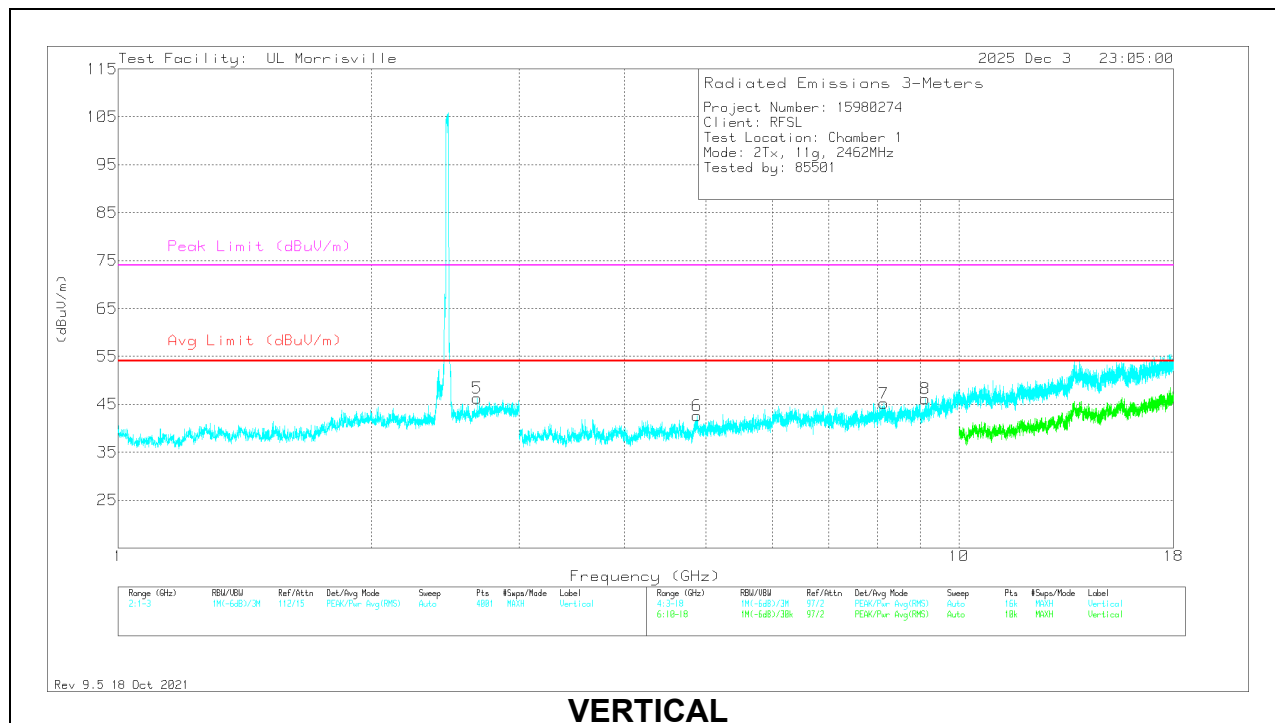
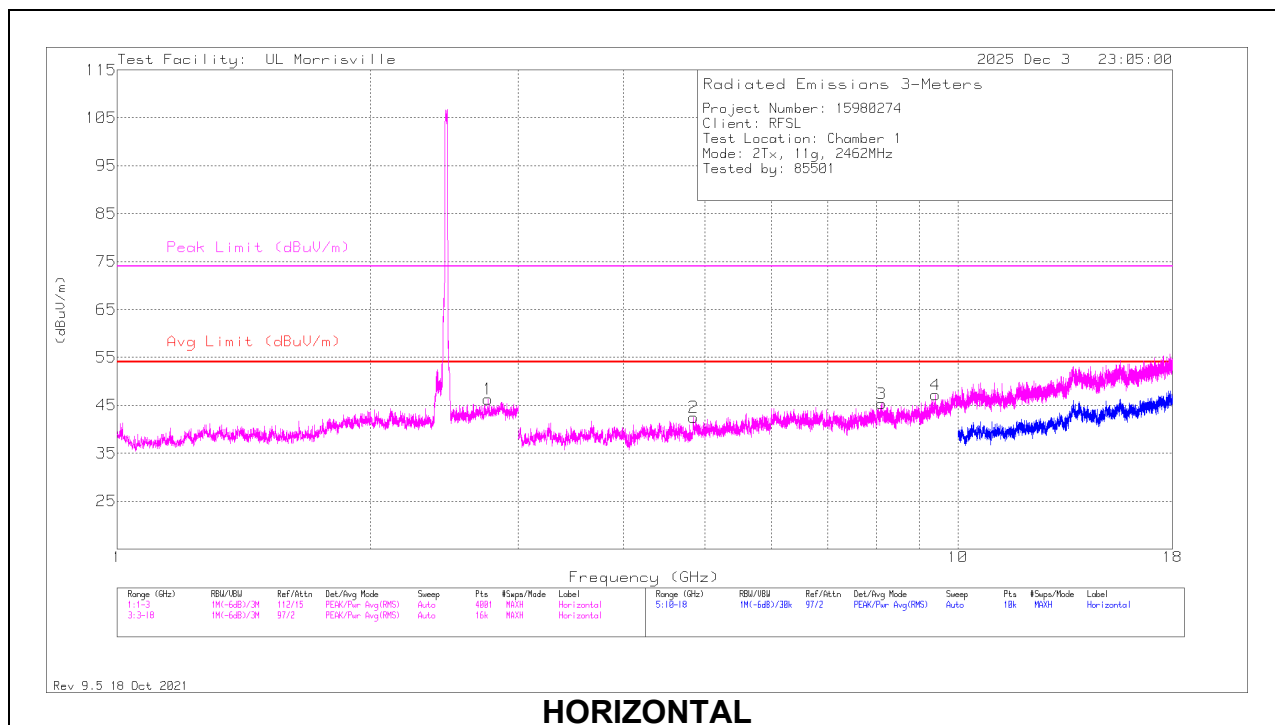
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

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	* ** 2.7615	37.27	Pk	32.6	-23.6	0	46.27	54	-7.73	74	-27.73	0-360	200	H
5	* ** 2.6745	38.15	Pk	32.5	-24.4	0	46.25	54	-7.75	74	-27.75	0-360	200	V
2	* ** 4.84594	54.31	Pk	33.9	-45.7	0	42.51	54	-11.49	74	-31.49	0-360	199	H
3	* ** 8.10938	50.81	Pk	35.9	-41.4	0	45.31	54	-8.69	74	-28.69	0-360	199	H
4	* ** 9.40031	51.34	Pk	36.3	-40.5	0	47.14	54	-6.86	74	-26.86	0-360	101	H
6	* ** 4.88531	54.08	Pk	34	-45.5	0	42.58	54	-11.42	74	-31.42	0-360	200	V
7	* ** 8.14688	50.38	Pk	35.9	-41.1	0	45.18	54	-8.82	74	-28.82	0-360	200	V
8	* ** 9.11719	51.71	Pk	35.9	-41.5	0	46.11	54	-7.89	74	-27.89	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

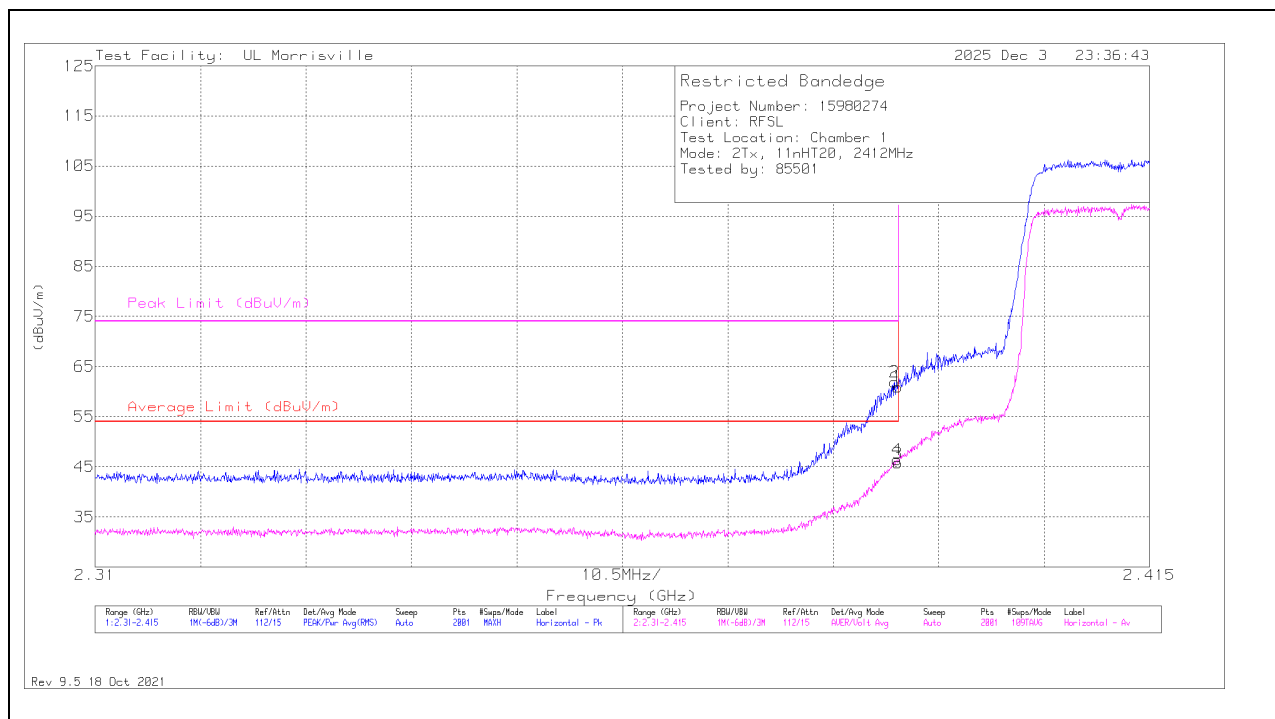
ADV - Linear Voltage Average

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

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	54.11	Pk	31.9	-25.1	0	60.91	-	-	74	-13.09	90	174	H
2	* ** 2.38959	55.15	Pk	31.9	-25.1	0	61.95	-	-	74	-12.05	90	174	H
3	* ** 2.38996	38.16	ADV	31.9	-25.1	.75	45.71	54	-8.29	-	-	90	174	H
4	* ** 2.38985	38.85	ADV	31.9	-25.1	.75	46.4	54	-7.6	-	-	90	174	H

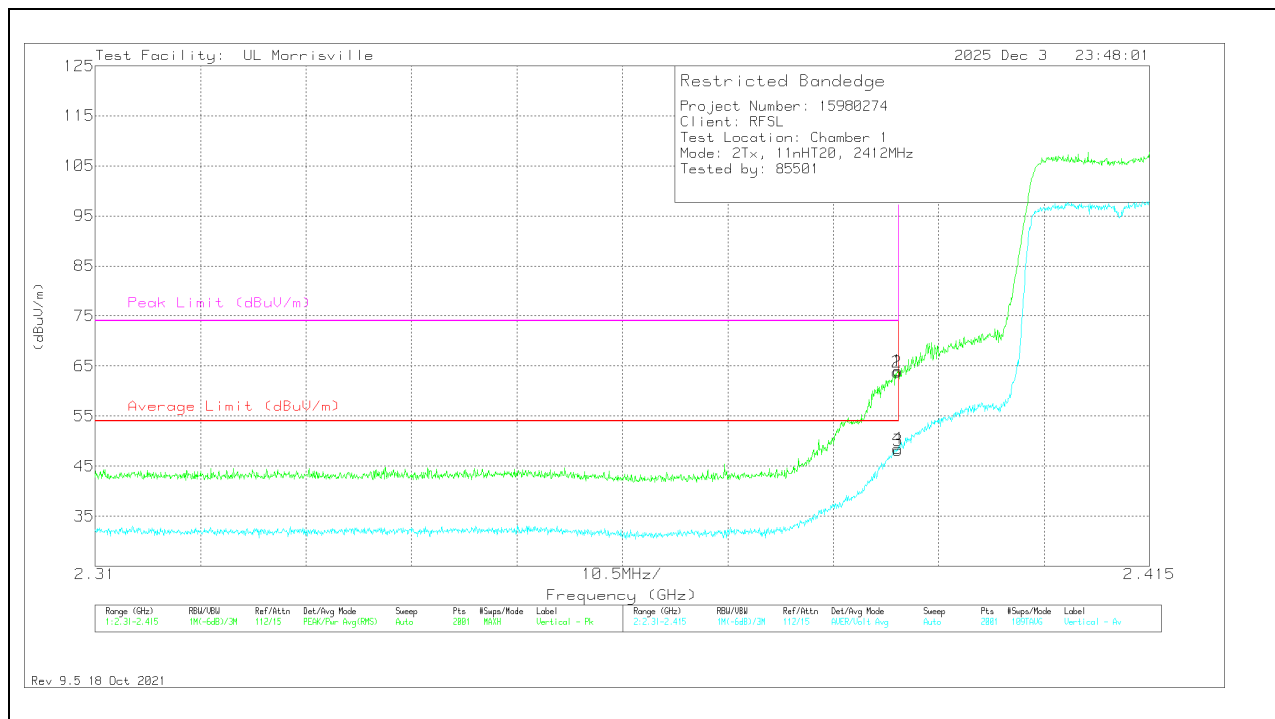
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - 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	57.26	Pk	31.9	-25.1	0	64.06	-	-	74	-9.94	64	226	V
2	* ** 2.38985	57.04	Pk	31.9	-25.1	0	63.84	-	-	74	-10.16	64	226	V
3	* ** 2.38996	40.55	ADV	31.9	-25.1	.75	48.1	54	-5.9	-	-	64	226	V
4	* ** 2.38991	40.95	ADV	31.9	-25.1	.75	48.5	54	-5.5	-	-	64	226	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

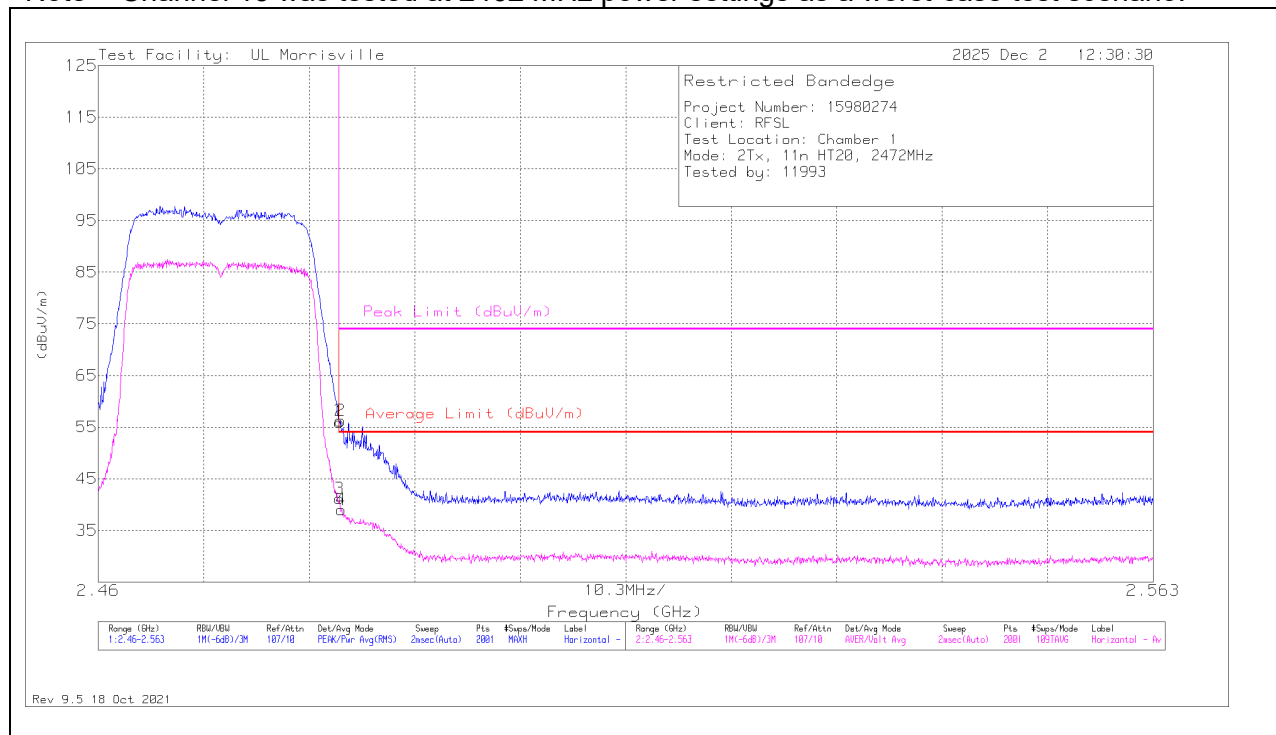
Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL, Ch. 13)

HORIZONTAL RESULT

Note – Channel 13 was tested at 2462 MHz power settings as a worst-case test scenario.



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	48.18	Pk	32.2	-24.4	0	55.98	-	-	74	-18.02	3	290	H
2	* ** 2.48364	48.44	Pk	32.2	-24.4	0	56.24	-	-	74	-17.76	3	290	H
3	* ** 2.48354	32.62	ADV	32.2	-24.4	.75	41.17	54	-12.83	-	-	3	289	H
4	* ** 2.48374	30.46	ADV	32.2	-24.4	.75	39.01	54	-14.99	-	-	3	289	H

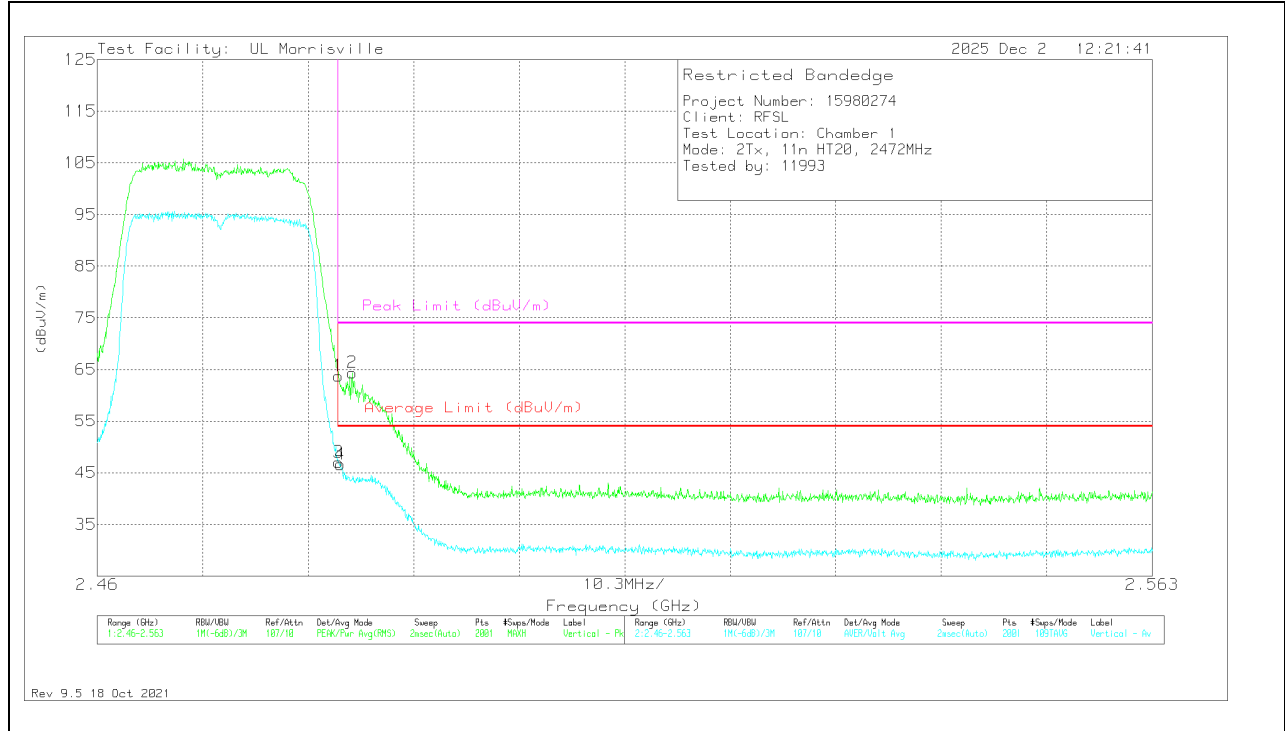
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	55.94	Pk	32.2	-24.4	0	63.74	-	-	74	-10.26	167	276	V
2	* ** 2.48487	56.68	Pk	32.2	-24.5	0	64.38	-	-	74	-9.62	167	276	V
3	* ** 2.48354	38.5	ADV	32.2	-24.4	.75	47.05	54	-6.95	-	-	167	276	V
4	* ** 2.48374	38.08	ADV	32.2	-24.4	.75	46.63	54	-7.37	-	-	167	276	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

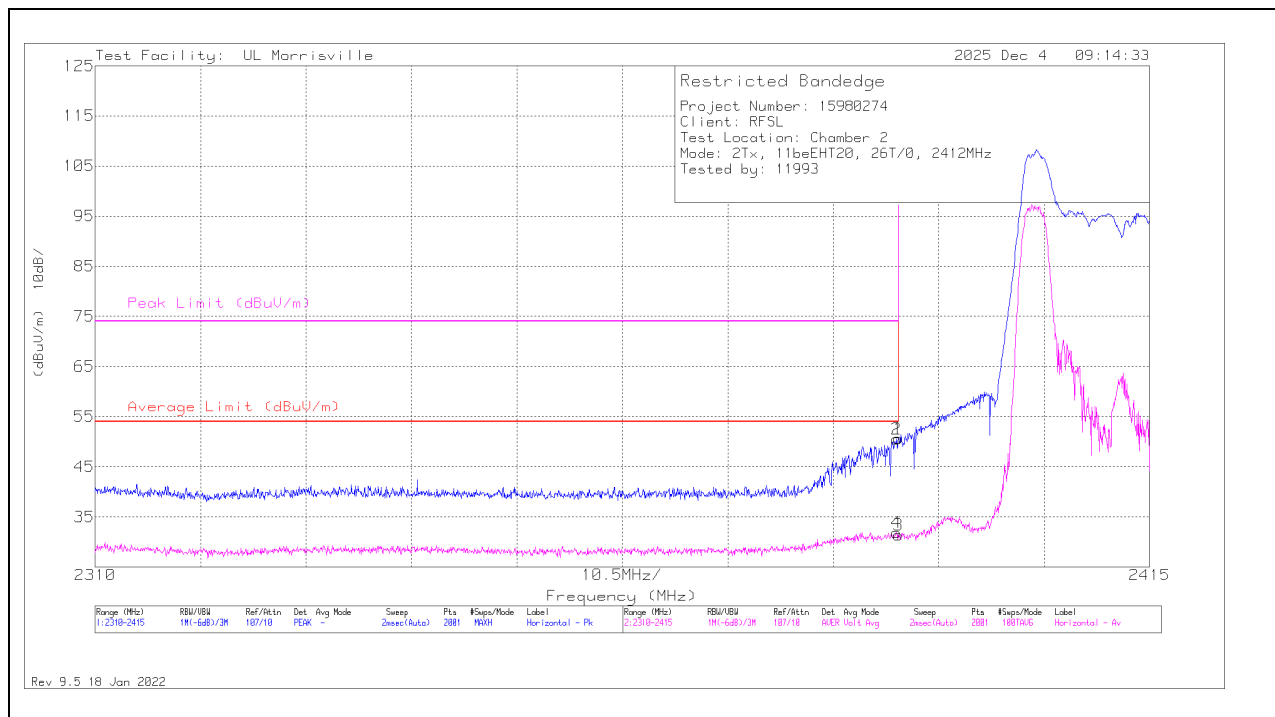
ADV - Linear Voltage Average

11.1.6. TX ABOVE 1 GHz 802.11be EHT20 26T/0 MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	43.56	Pk	32.2	-25.1	50.66	-	-	74	-23.34	165	127	H
2	* ** 2389.8	43.33	Pk	32.2	-25	50.53	-	-	74	-23.47	165	127	H
3	* ** 2390	24.26	ADV	32.2	-25.1	31.36	54	-22.64	-	-	165	127	H
4	* ** 2389.8	24.67	ADV	32.2	-25	31.87	54	-22.13	-	-	165	127	H

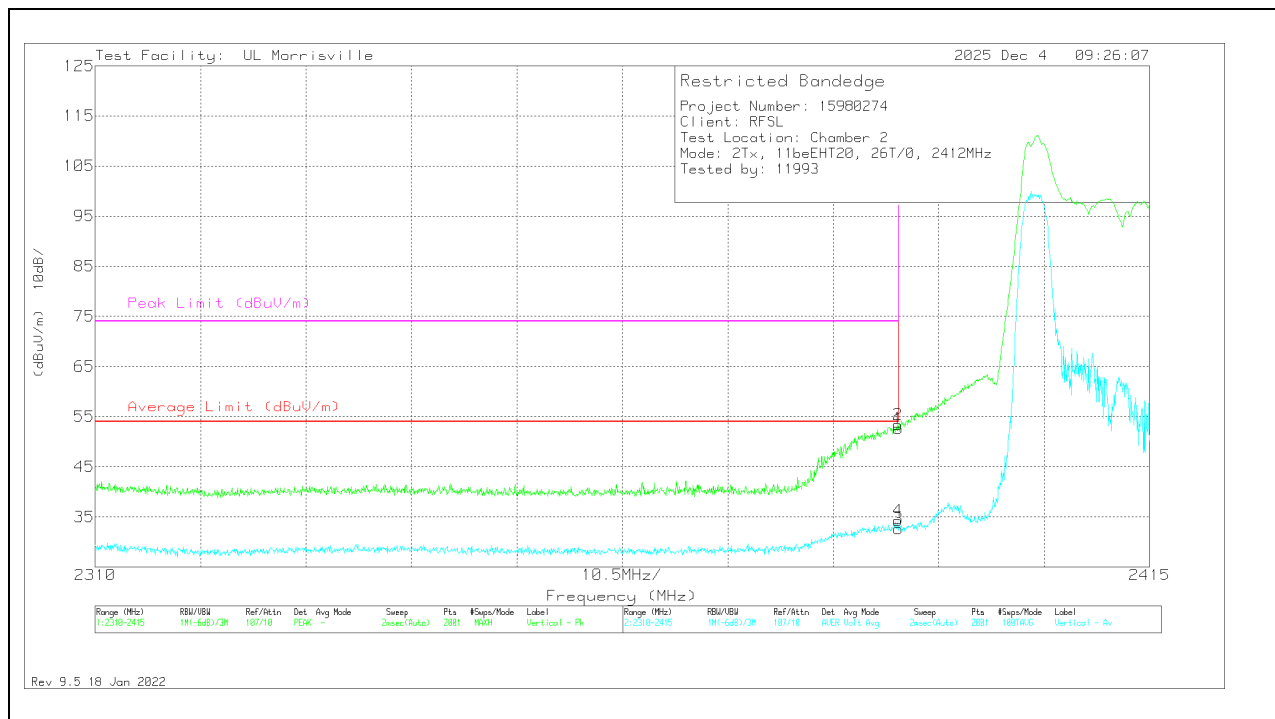
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2390	45.55	Pk	32.2	-25.1	52.65	-	-	74	-21.35	134	267	V
2	*** 2389.958	46.28	Pk	32.2	-25.1	53.38	-	-	74	-20.62	134	267	V
3	*** 2390	25.55	ADV	32.2	-25.1	32.65	54	-21.35	-	-	134	267	V
4	*** 2389.958	27.11	ADV	32.2	-25.1	34.21	54	-19.79	-	-	134	267	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

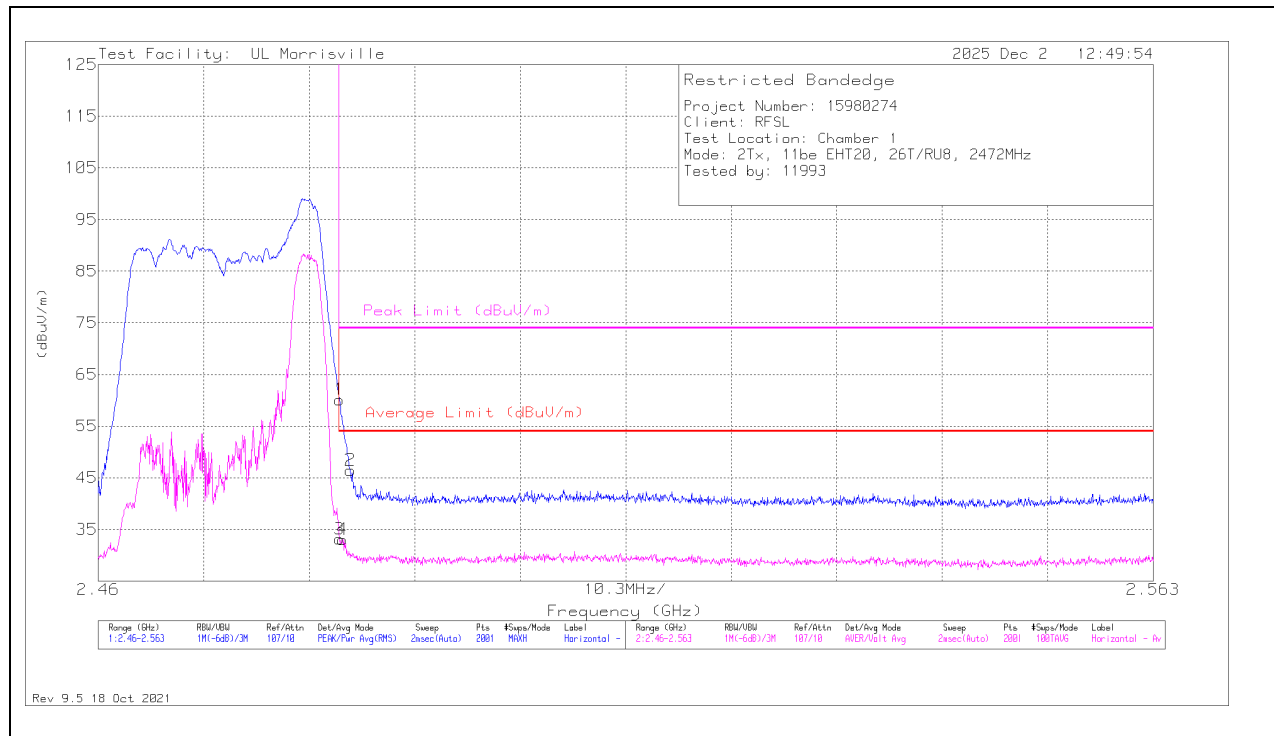
11.1.7. TX ABOVE 1 GHz 802.11be EHT20 26T/8 MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT

Note – For testing purposes, Channel 13 was tested at 2462 MHz power settings as a worst-case test scenario.



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	52.32	Pk	32.2	-24.4	60.12	-	-	74	-13.88	357	362	H
2	*** 2.48462	38.76	Pk	32.2	-24.5	46.46	-	-	74	-27.54	357	362	H
3	*** 2.48354	25.34	ADV	32.2	-24.4	33.14	54	-20.86	-	-	357	362	H
4	*** 2.48384	25.26	ADV	32.2	-24.4	33.06	54	-20.94	-	-	357	362	H

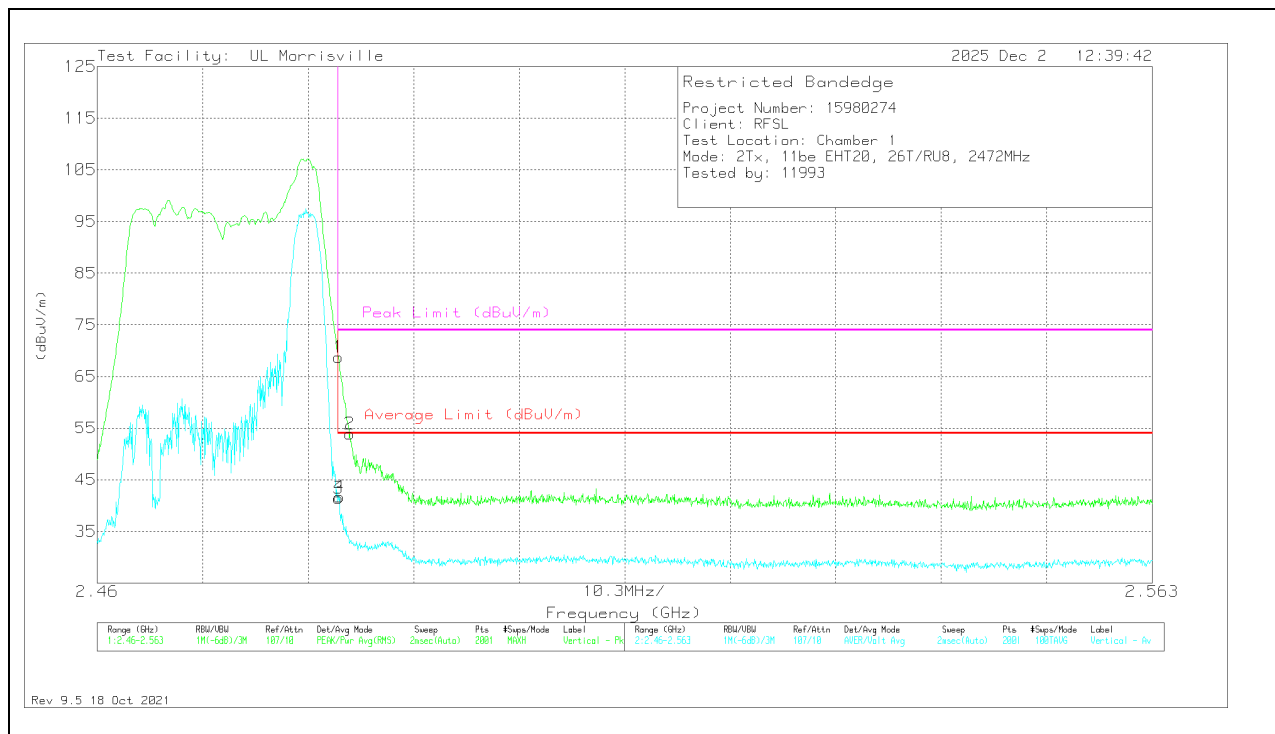
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	135143 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	60.92	Pk	32.2	-24.4	68.72	-	-	74	-5.28	147	269	V
2	* ** 2.48467	46.2	Pk	32.2	-24.5	53.9	-	-	74	-20.1	147	269	V
3	* ** 2.48354	33.65	ADV	32.2	-24.4	41.45	54	-12.55	-	-	147	269	V
4	* ** 2.48364	33.92	ADV	32.2	-24.4	41.72	54	-12.28	-	-	147	269	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

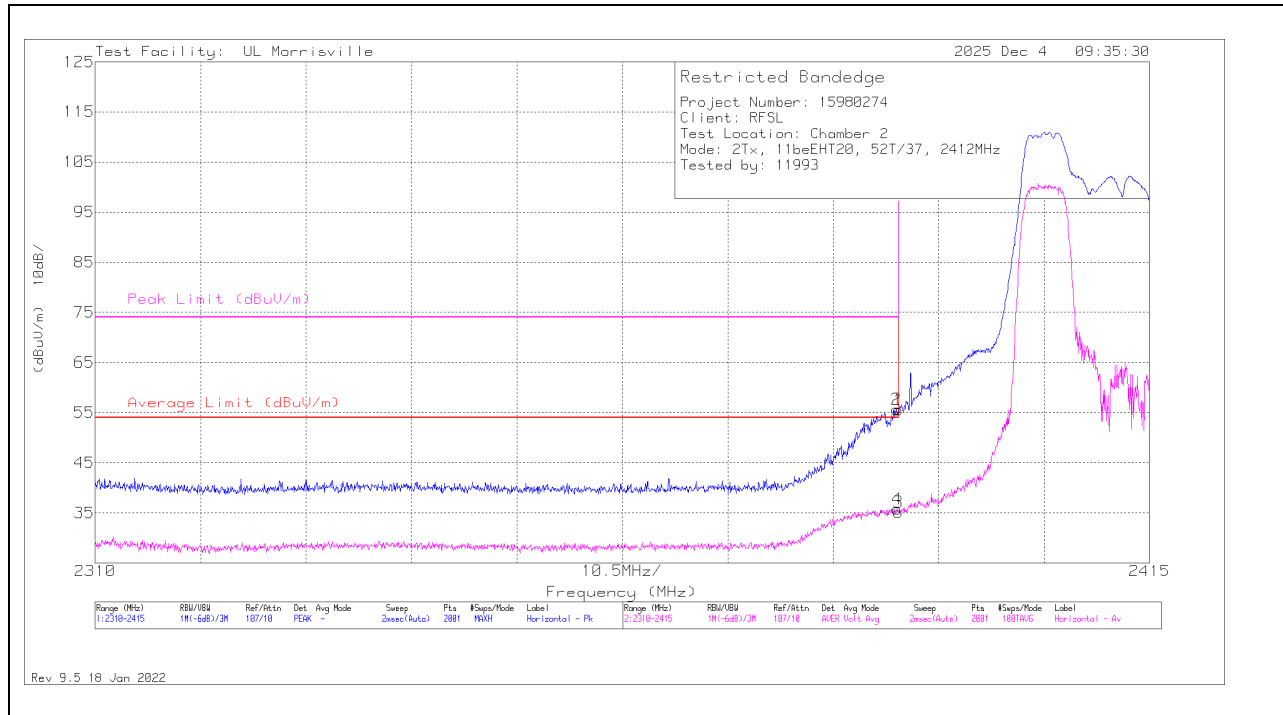
ADV - Linear Voltage Average

11.1.8. TX ABOVE 1 GHz 802.11be EHT20 52T/37 MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	48.41	Pk	32.2	-25.1	55.51	-	-	74	-18.49	82	117	H
2	* ** 2389.8	48.48	Pk	32.2	-25	55.68	-	-	74	-18.32	82	117	H
3	* ** 2390	28.04	ADV	32.2	-25.1	35.14	54	-18.86	-	-	82	117	H
4	* ** 2389.853	28.61	ADV	32.2	-25	35.81	54	-18.19	-	-	82	117	H

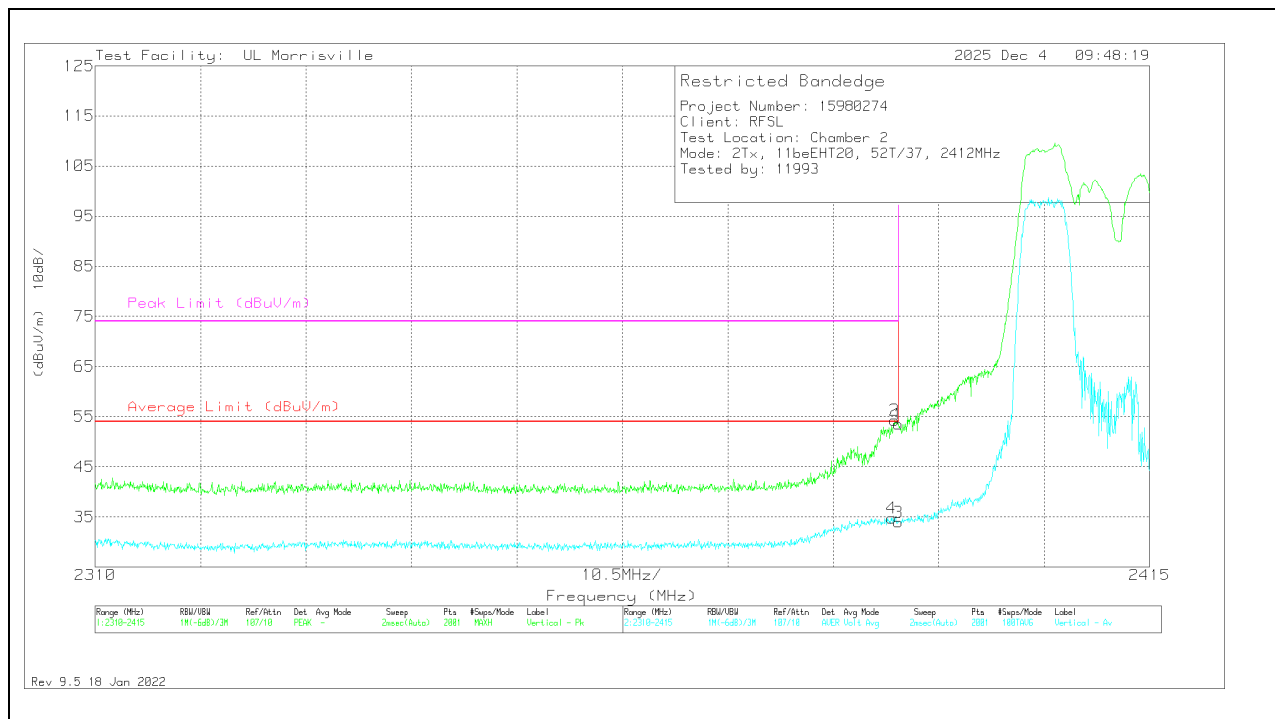
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain /Loss (dB)	Filter (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	45.28	Pk	32.2	-25.1	1.1	53.48	-	-	74	-20.52	68	137	V
2	* ** 2389.643	46.02	Pk	32.2	-25	1.1	54.32	-	-	74	-19.68	68	137	V
3	* ** 2390	25.73	ADV	32.2	-25.1	1.1	33.93	54	-20.07	-	-	68	137	V
4	* ** 2389.328	26.48	ADV	32.2	-25	1.1	34.78	54	-19.22	-	-	68	137	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

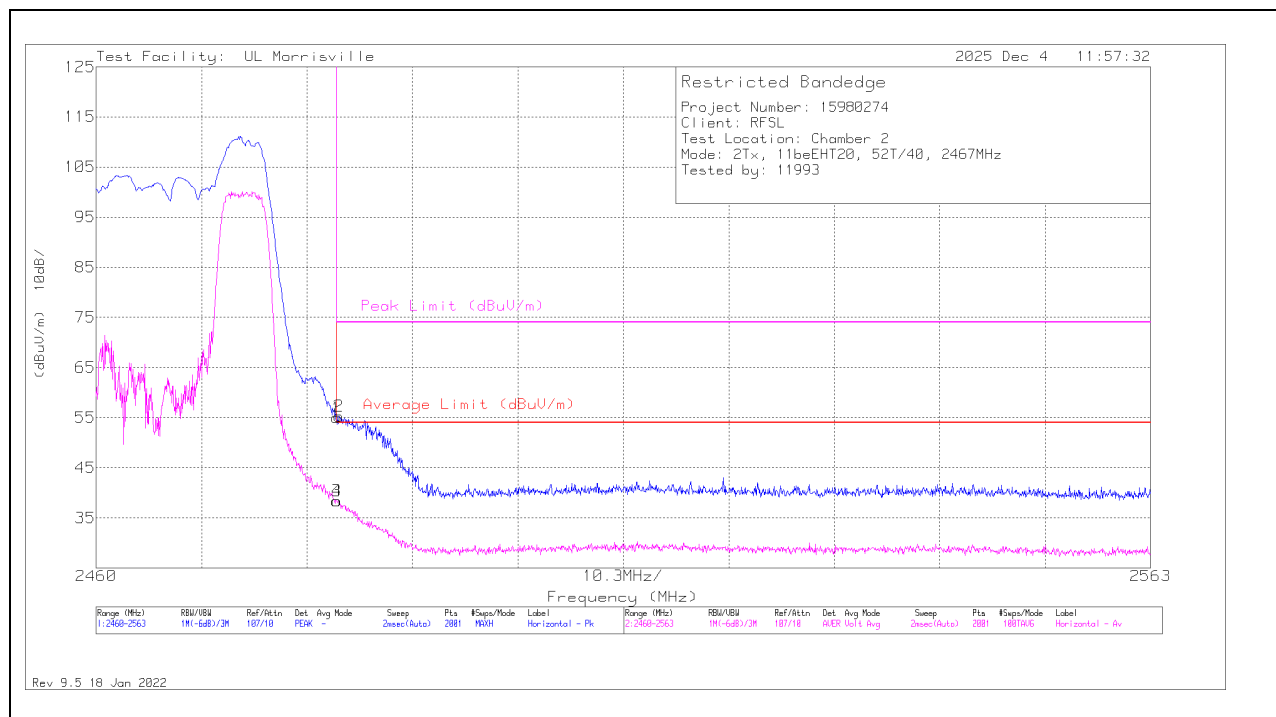
11.1.9. TX ABOVE 1 GHz 802.11be EHT20 52T/40 MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (HIGH CHANNEL, Ch. 12)

HORIZONTAL RESULT

Note – For testing purposes, Channel 12 was tested at 2462 MHz power settings as a worst-case scenario.



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2483.5	47.77	Pk	32.7	-25.5	54.97	-	-	74	-19.03	72	112	H
2	* ** 2483.742	48.11	Pk	32.7	-25.5	55.31	-	-	74	-18.69	72	112	H
3	* ** 2483.5	31.19	ADV	32.7	-25.5	38.39	54	-15.61	-	-	72	112	H
4	* ** 2483.536	31.18	ADV	32.7	-25.5	38.38	54	-15.62	-	-	72	112	H

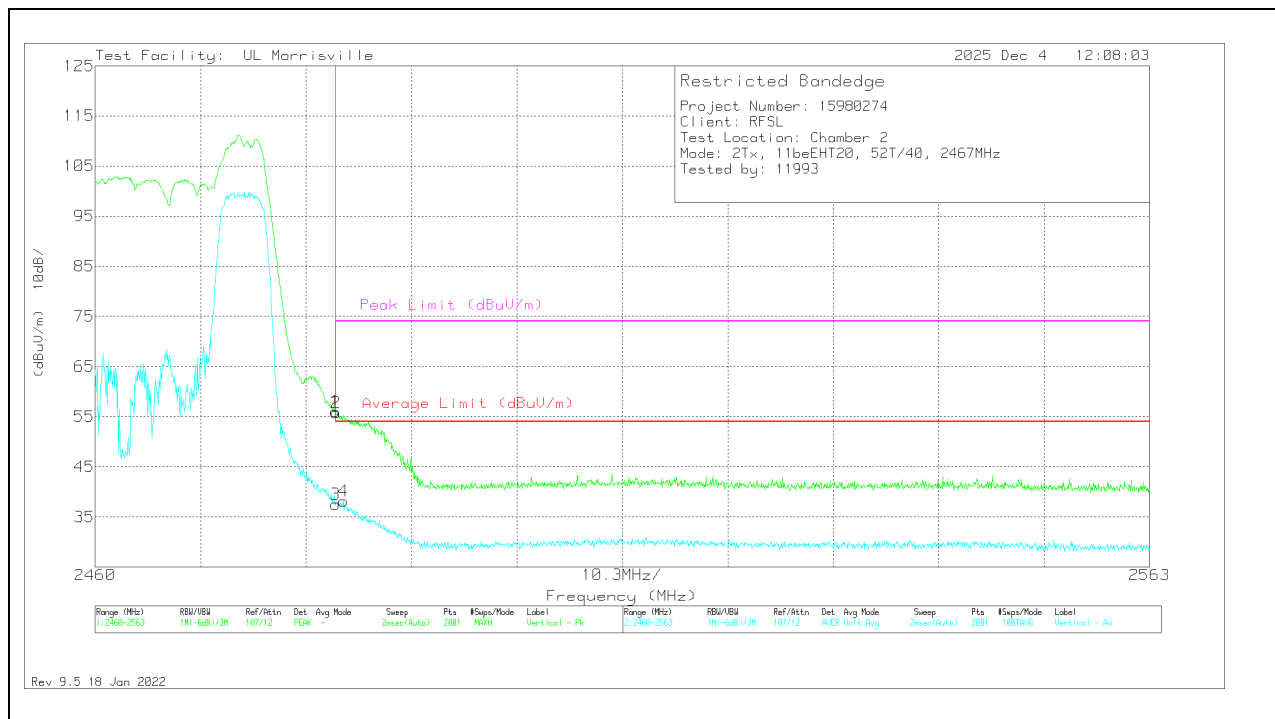
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2483.5	48.8	Pk	32.7	-25.5	56	-	-	74	-18	118	266	V
2	* ** 2483.536	48.63	Pk	32.7	-25.5	55.83	-	-	74	-18.17	118	266	V
3	* ** 2483.5	30.32	ADV	32.7	-25.5	37.52	54	-16.48	-	-	118	266	V
4	* ** 2484.257	31.03	ADV	32.7	-25.6	38.13	54	-15.87	-	-	118	266	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

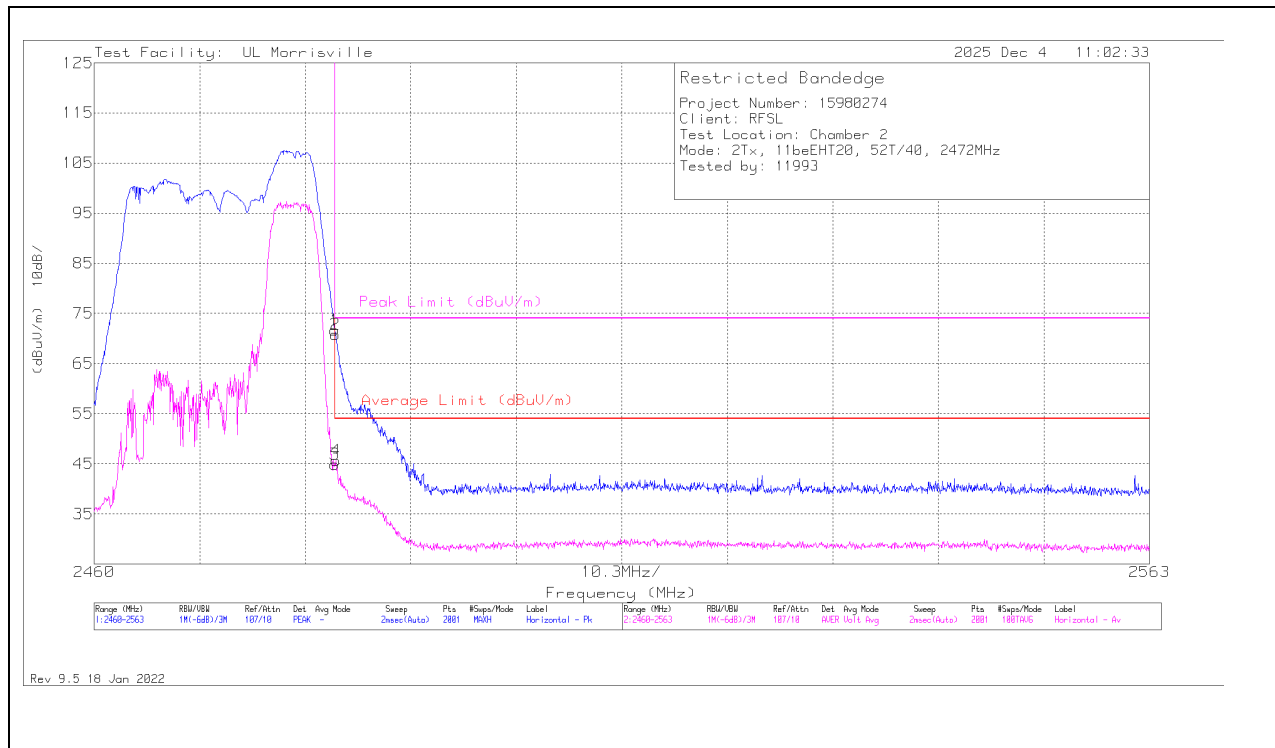
Pk - Peak detector

ADV - Linear Voltage Average

MIMO

BANDEDGE (HIGH CHANNEL, Ch. 13)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2483.5	64.52	Pk	32.7	-25.5	71.72	-	-	74	-2.28	67	127	H
2	* ** 2483.536	63.65	Pk	32.7	-25.5	70.85	-	-	74	-3.15	67	127	H
3	* ** 2483.5	37.71	ADV	32.7	-25.5	44.91	54	-9.09	-	-	67	127	H
4	* ** 2483.587	38.49	ADV	32.7	-25.5	45.69	54	-8.31	-	-	67	127	H

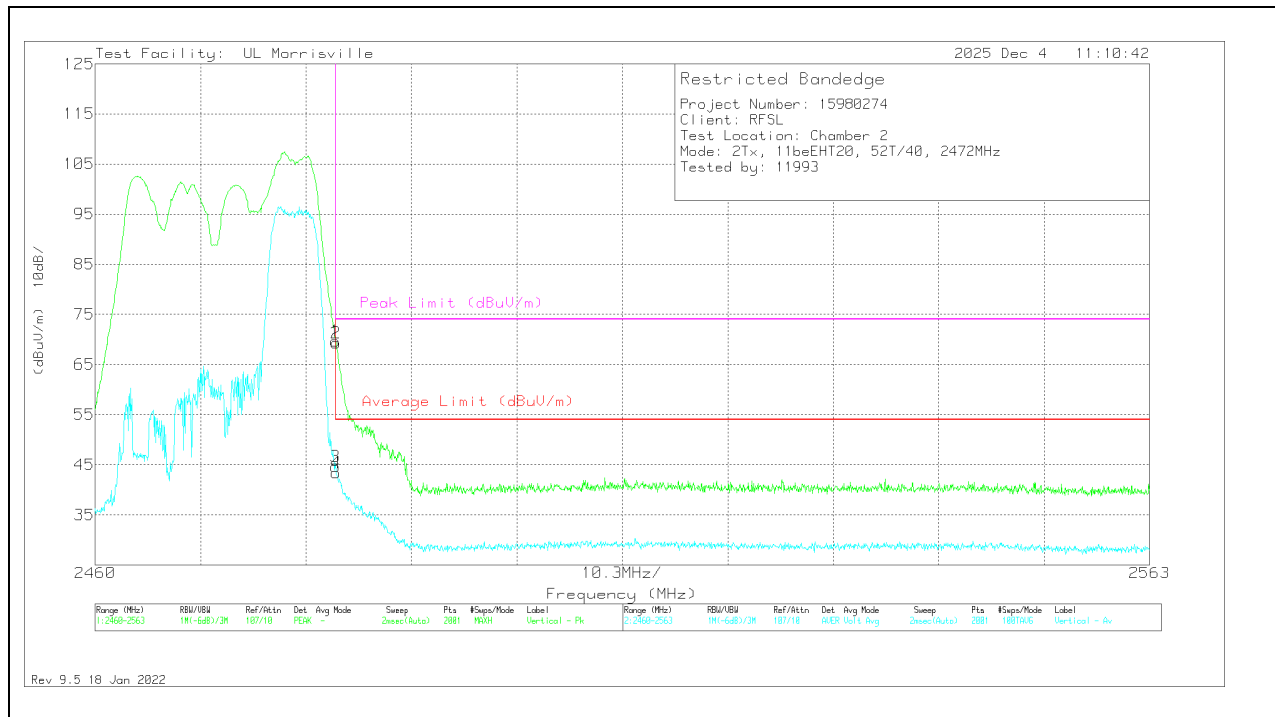
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2483.5	62.45	Pk	32.7	-25.5	69.65	-	-	74	-4.35	73	137	V
2	* ** 2483.536	62.07	Pk	32.7	-25.5	69.27	-	-	74	-4.73	73	137	V
3	* ** 2483.5	37.48	ADV	32.7	-25.5	44.68	54	-9.32	-	-	73	137	V
4	* ** 2483.536	36.23	ADV	32.7	-25.5	43.43	54	-10.57	-	-	73	137	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

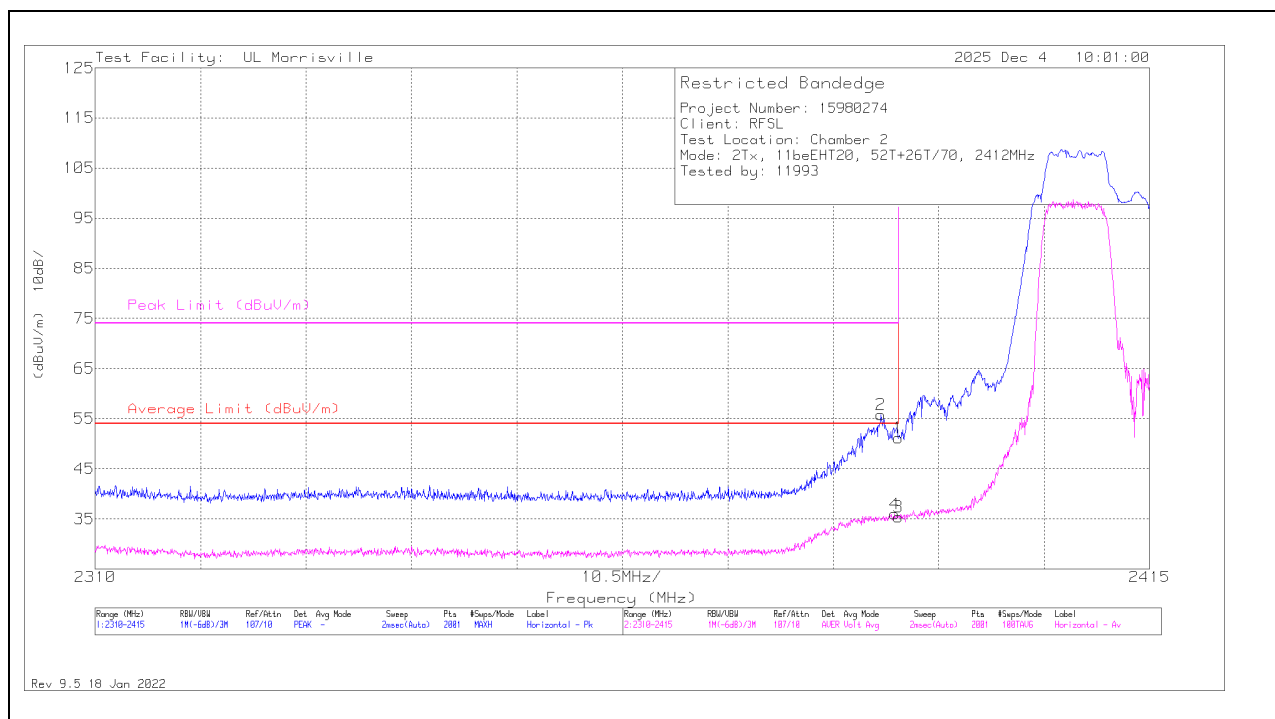
ADV - Linear Voltage Average

11.1.10. TX ABOVE 1 GHz 802.11be EHT20 52T+26T/70 MODE IN THE 2.4 GHz BAND

MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2390	44.02	Pk	32.2	-25.1	51.12	-	-	74	-22.88	73	135	H
2	* ** 2388.225	48.56	Pk	32.2	-25	55.76	-	-	74	-18.24	73	135	H
3	* ** 2390	28.3	ADV	32.2	-25.1	35.4	54	-18.6	-	-	73	135	H
4	* ** 2389.59	28.75	ADV	32.2	-25	35.95	54	-18.05	-	-	73	135	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