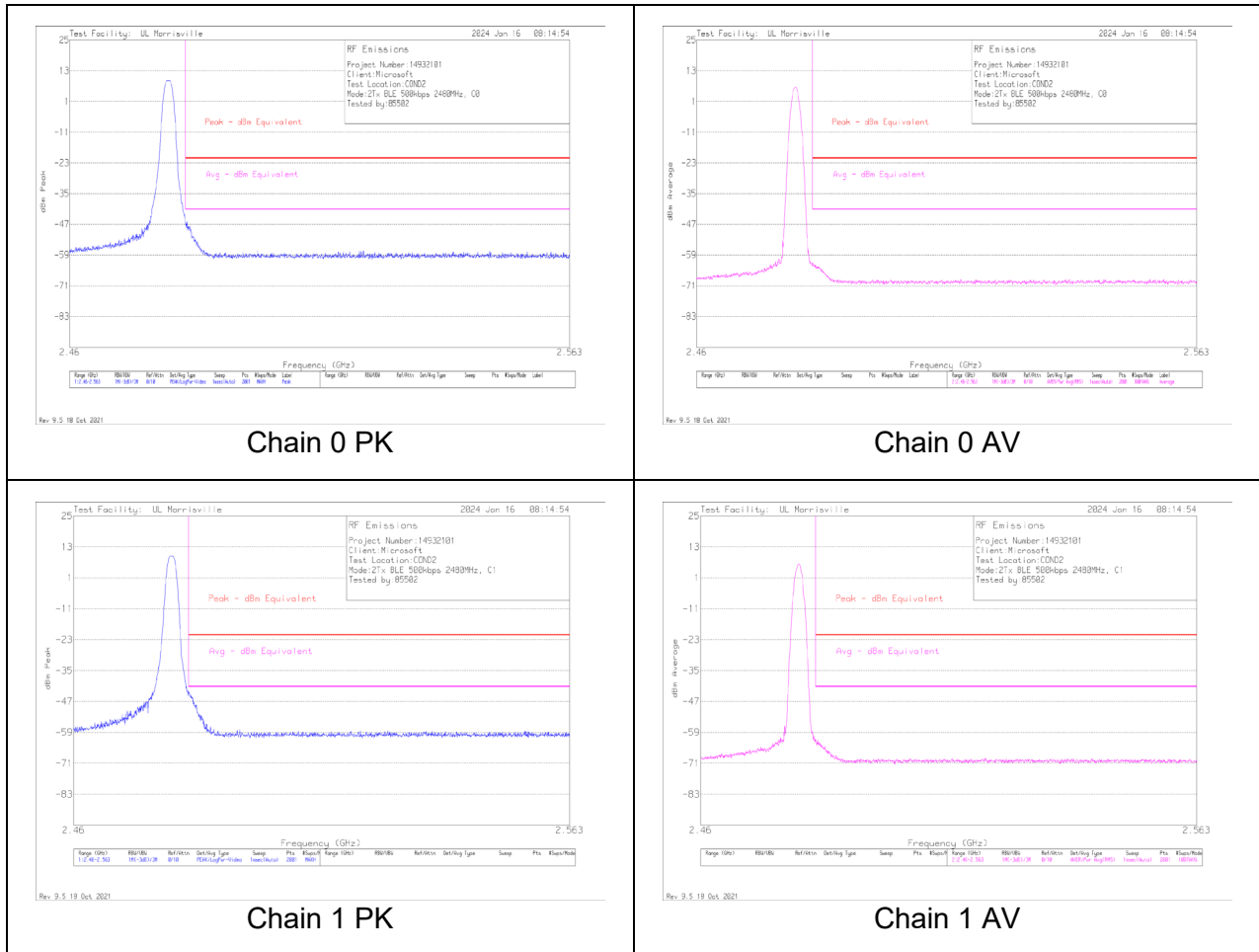


HIGH CHANNEL RESTRICTED BAND EDGE



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)				
6.85	0	3				
DCCF (dB)	2.44					
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	Margin (dB)
2.483805	-45.78	-44.33	-35.13	60.12	74	-13.88
Frequency (GHz)	Meter AV Reading Chain 0 (dBm)	Meter AV Reading Chain 1 (dBm)	AV EIRP (dBm)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	Margin (dB)
2.483547	-62.06	-61.93	-49.69	45.56	54	-8.44

10. RADIATED TEST RESULTS

10.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

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 3MHz 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 measurements and as applicable for average measurements (Linear Voltage Averaging).

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.

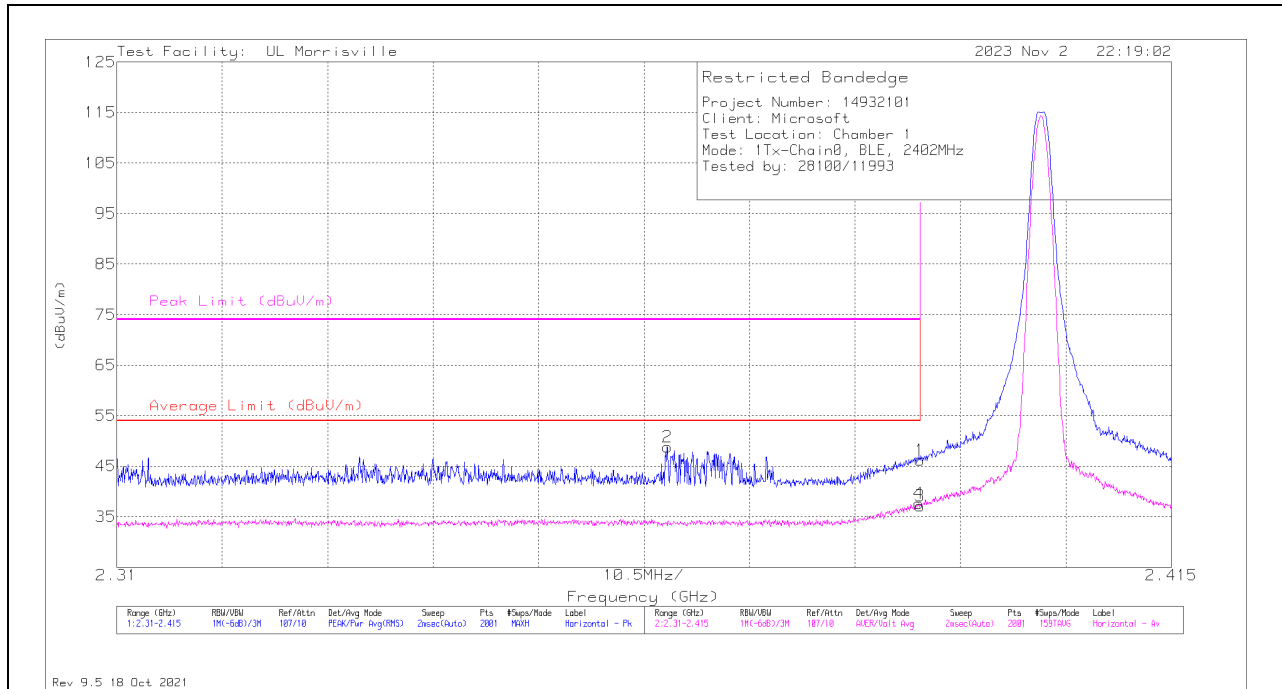
10.2. TRANSMITTER ABOVE 1 GHz

10.2.1. BLE (1Mbps)

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	38.34	Pk	32.1	-24.2	0	46.24	-	-	74	-27.76	23	371	H
2	*** 2.36481	40.93	Pk	32	-24.1	0	48.83	-	-	74	-25.17	23	371	H
3	*** 2.38996	25.14	ADV	32.1	-24.2	4.07	37.11	54	-16.89	-	-	23	370	H
4	*** 2.38985	25.66	ADV	32.1	-24.2	4.07	37.63	54	-16.37	-	-	23	370	H

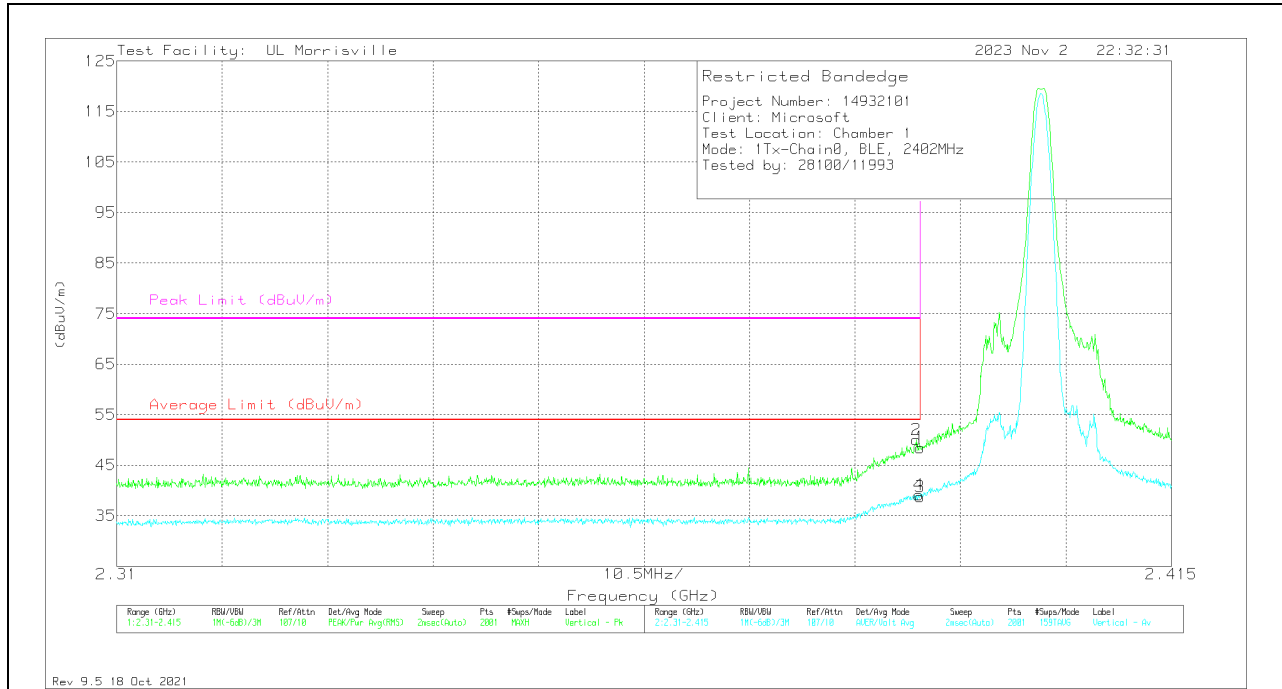
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

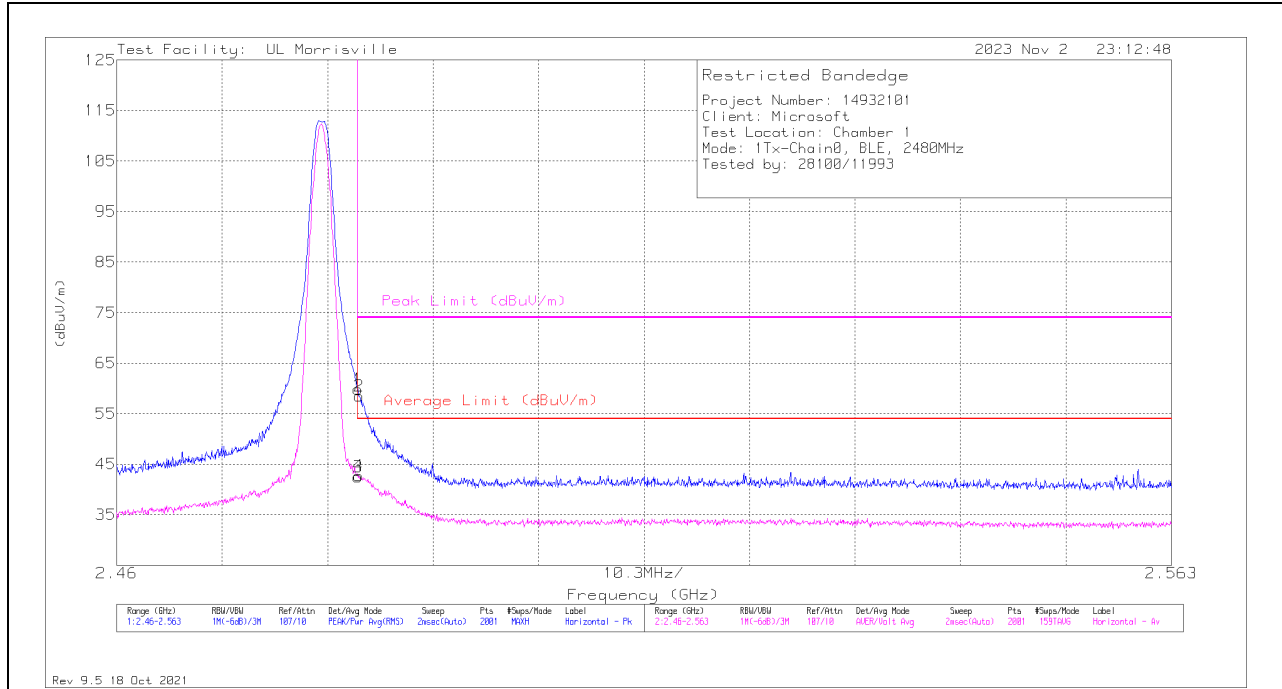


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	40.59	Pk	32.1	-24.2	0	48.49	-	-	74	-25.51	330	319	V
2	*** 2.38959	42.19	Pk	32.1	-24.2	0	50.09	-	-	74	-23.91	330	319	V
3	*** 2.38996	26.73	ADV	32.1	-24.2	4.07	38.7	54	-15.3	-	-	330	319	V
4	*** 2.38985	27.18	ADV	32.1	-24.2	4.07	39.15	54	-14.85	-	-	330	319	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)

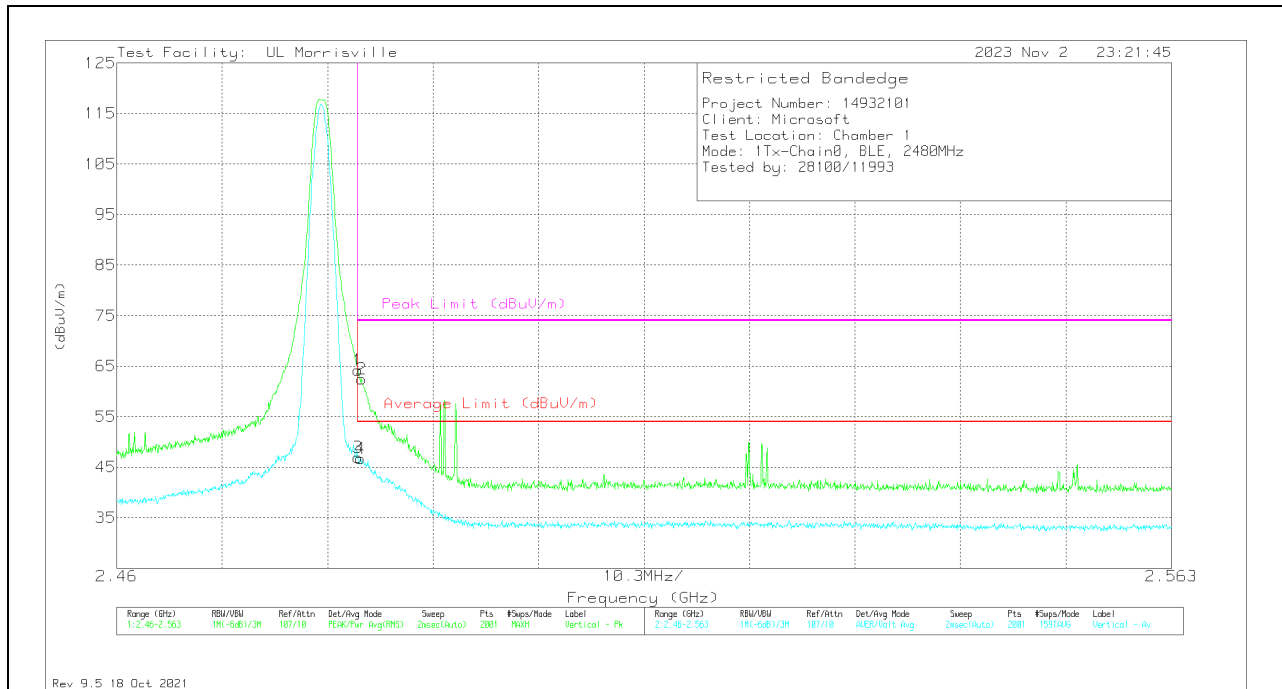
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	Pk	32.3	-24.5	0	59.8	-	-	74	-14.2	32	385	H
2	*** 2.48369	50.7	Pk	32.3	-24.5	0	58.5	-	-	74	-15.5	32	385	H
3	*** 2.48354	30.59	ADV	32.3	-24.5	4.07	42.46	54	-11.54	-	-	32	385	H
4	*** 2.48364	30.83	ADV	32.3	-24.5	4.07	42.7	54	-11.3	-	-	32	385	H

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

VERTICAL RESULT

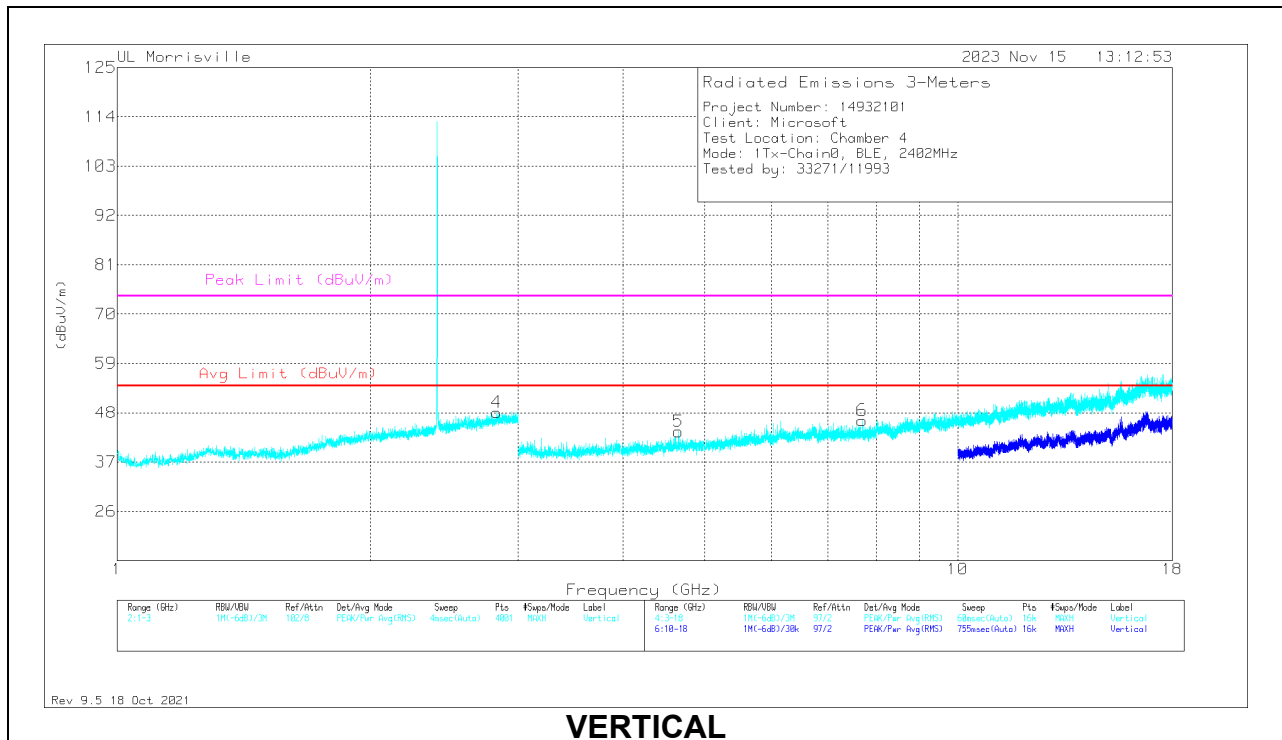
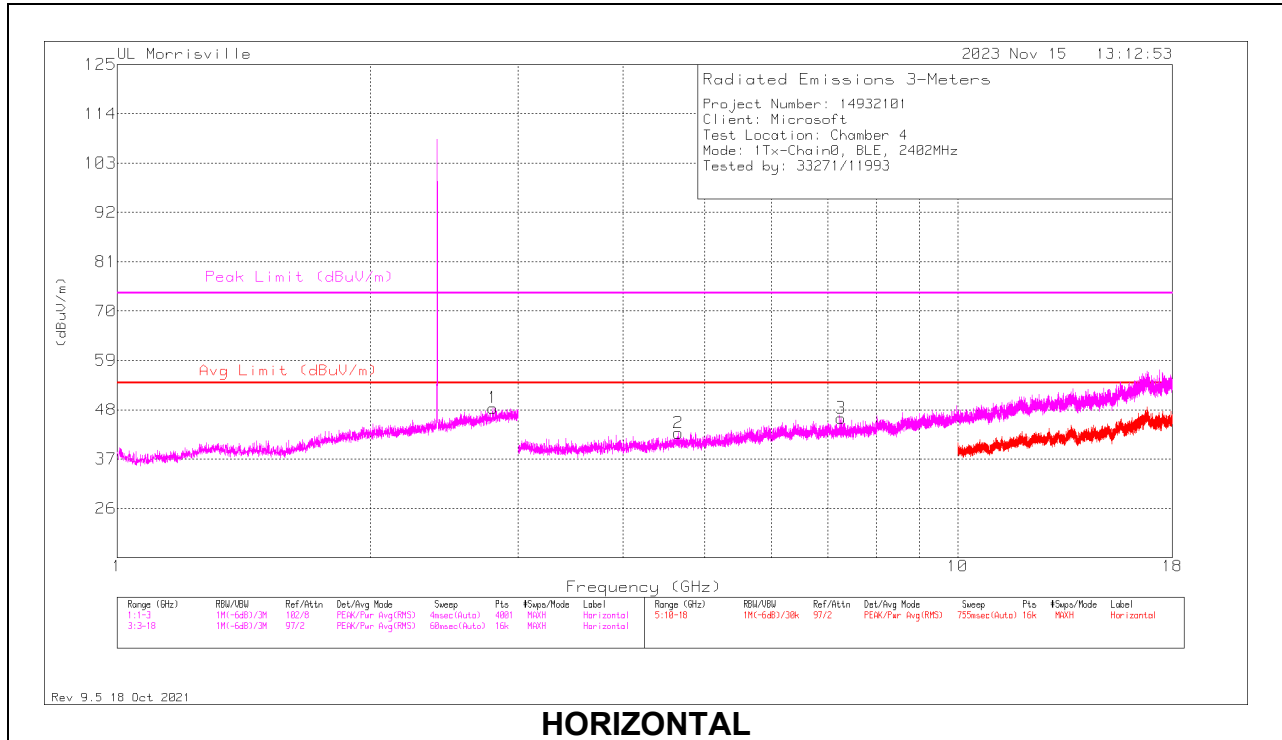


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	56.45	Pk	32.3	-24.5	0	64.25	-	-	74	-9.75	333	338	V
2	*** 2.4839	54.66	Pk	32.3	-24.5	0	62.46	-	-	74	-11.54	333	338	V
3	*** 2.48354	35.05	ADV	32.3	-24.5	4.07	46.92	54	-7.08	-	-	333	338	V
4	*** 2.48379	34.79	ADV	32.3	-24.5	4.07	46.66	54	-7.34	-	-	333	338	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	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.80352	32.02	PK2	32.6	-12.3	0	52.32	-	-	74	-21.68	360	108	H
	*** 2.80174	15.98	ADV	32.6	-12.3	4.07	40.35	54	-13.65	-	-	360	108	H
4	*** 2.83142	28.73	PK2	32.4	-12.3	0	48.83	-	-	74	-25.17	168	369	V
	*** 2.83026	16	ADV	32.4	-12.3	4.07	40.17	54	-13.83	-	-	168	369	V
2	*** 4.65	40.24	PK	34.1	-31.5	0	42.84	54	-11.16	74	-31.16	0-360	100	H
3	*** 7.26563	38.51	PK	35.6	-28	0	46.11	54	-7.89	74	-27.89	0-360	100	H
5	*** 4.65188	41.01	PK	34.1	-31.3	0	43.81	54	-10.19	74	-30.19	0-360	200	V
6	*** 7.69688	38.15	PK	35.7	-27.6	0	46.25	54	-7.75	74	-27.75	0-360	200	V

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

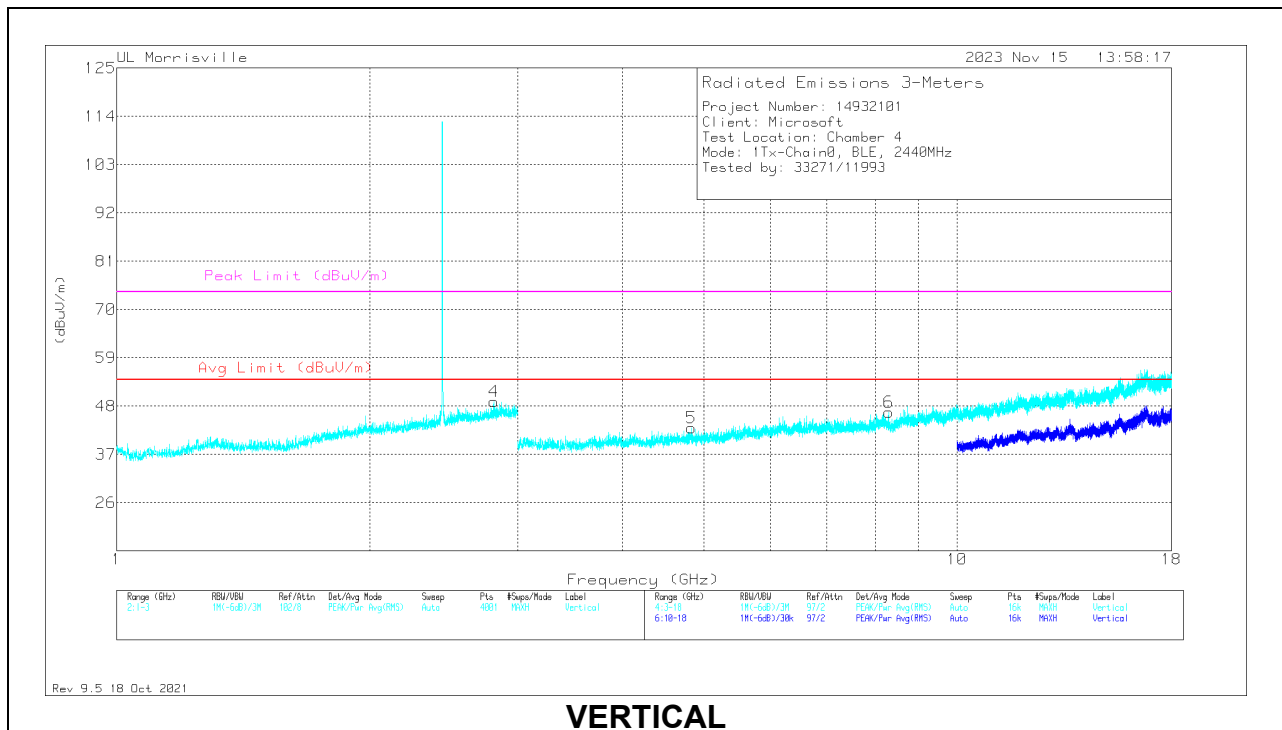
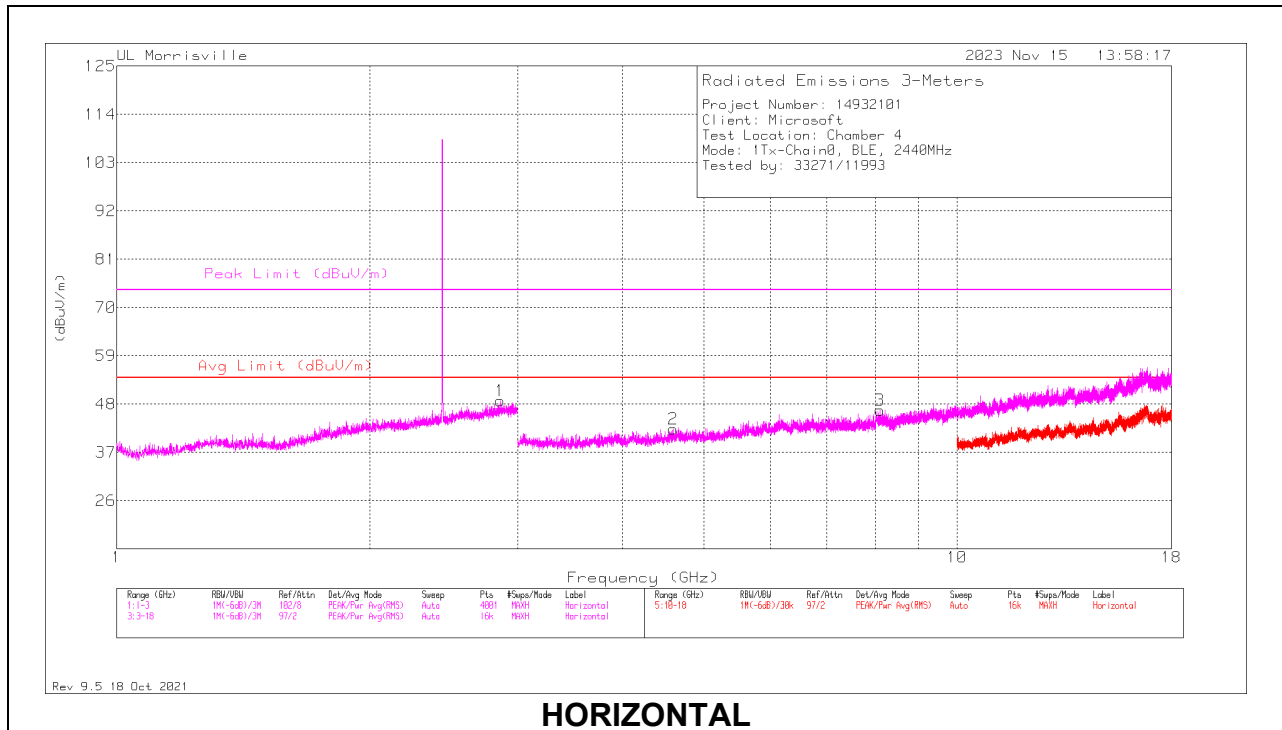
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.85978	28.98	PK2	32.4	-12	0	49.38	-	-	74	-24.62	3	220	H
	*** 2.85672	16.02	ADV	32.4	-12.2	4.07	40.29	54	-13.71	-	-	3	220	H
4	*** 2.81463	28.98	PK2	32.5	-12.2	0	49.28	-	-	74	-24.72	234	212	V
	*** 2.81729	16.15	ADV	32.4	-12.2	4.07	40.42	54	-13.58	-	-	234	212	V
2	*** 4.59844	39.98	PK	34.1	-31.8	0	42.28	54	-11.72	74	-31.72	0-360	100	H
3	*** 8.09531	37.95	PK	35.8	-27.1	0	46.65	54	-7.35	74	-27.35	0-360	100	H
5	*** 4.83188	40.42	PK	34.1	-31.4	0	43.12	54	-10.88	74	-30.88	0-360	200	V
6	*** 8.30063	37.43	PK	35.8	-26.6	0	46.63	54	-7.37	74	-27.37	0-360	200	V

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

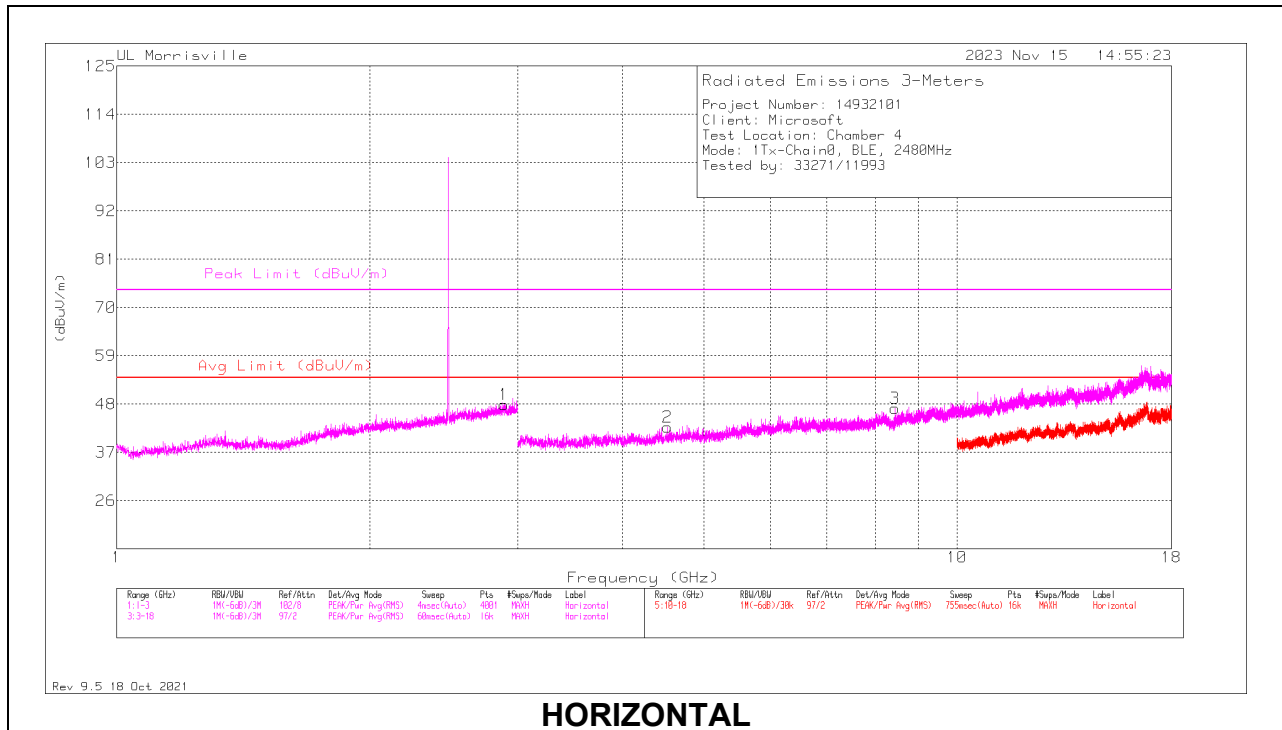
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

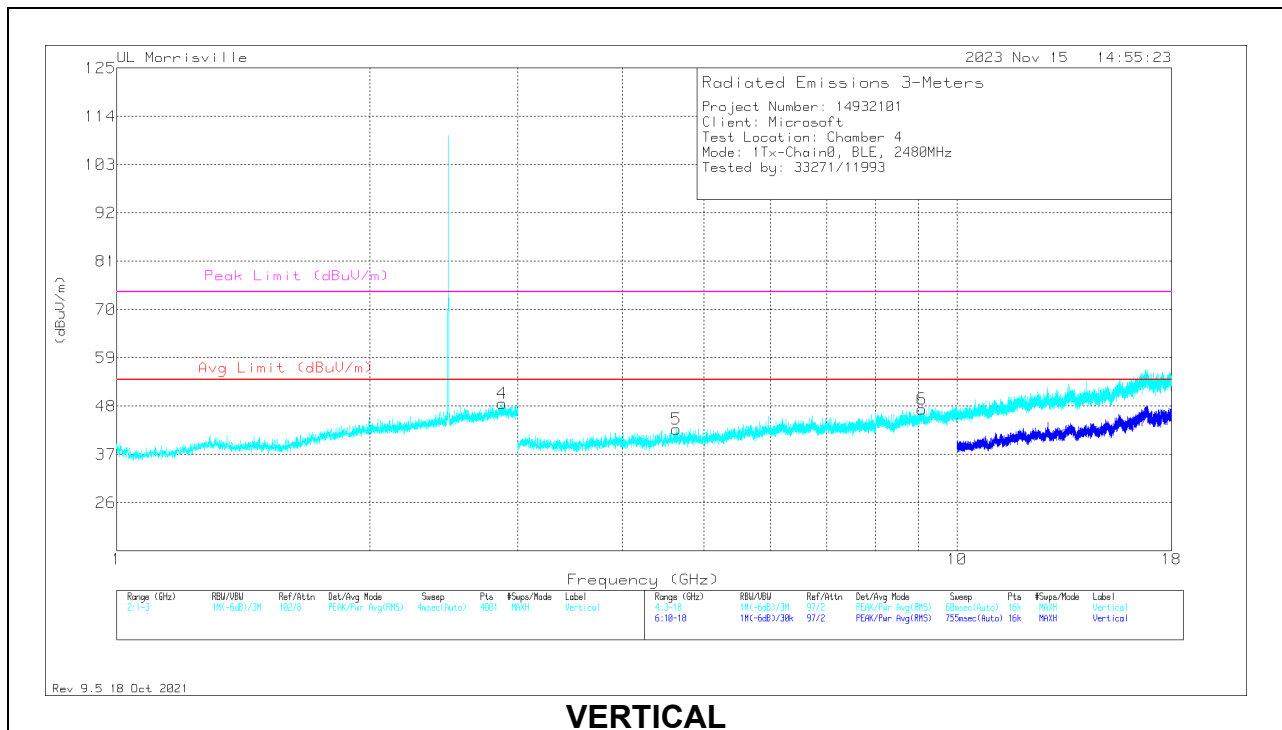
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8885	27.49	Pk	32.5	-12.1	0	47.89	54	-6.11	74	-26.11	0-360	100	H
4	*** 2.87294	28.81	PK2	32.4	-12.2	0	49.01	-	-	74	-24.99	273	137	V
	*** 2.86976	16.04	ADV	32.4	-12.1	4.07	40.41	54	-13.59	-	-	273	137	V
2	*** 4.5225	40.47	Pk	33.8	-31.5	0	42.77	54	-11.23	74	-31.23	0-360	100	H
3	*** 8.44594	37.7	Pk	35.8	-26.4	0	47.1	54	-6.9	74	-26.9	0-360	100	H
5	*** 4.63406	40.35	Pk	34.1	-31.7	0	42.75	54	-11.25	74	-31.25	0-360	200	V
6	*** 9.0825	35.69	Pk	36.3	-24.7	0	47.29	54	-6.71	74	-26.71	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

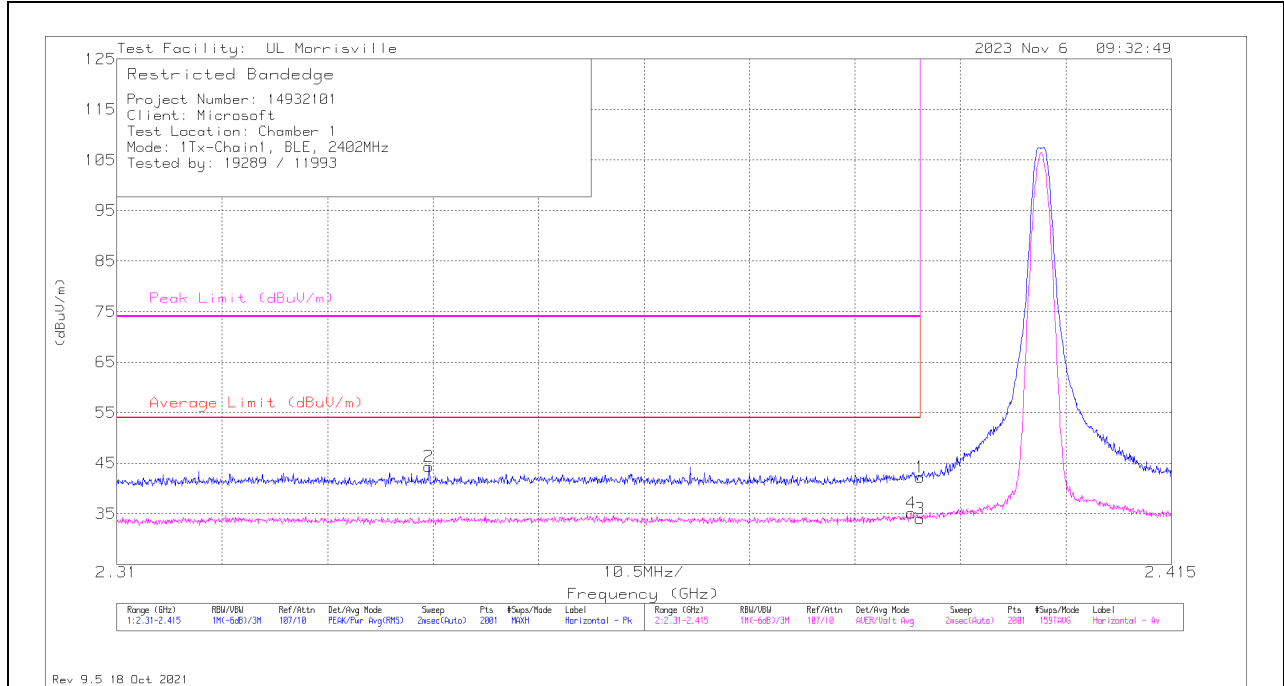
PK2 - Maximum Peak

ADV - Linear Voltage Average

CHAIN 1

BANDEDGE (LOW CHANNEL)

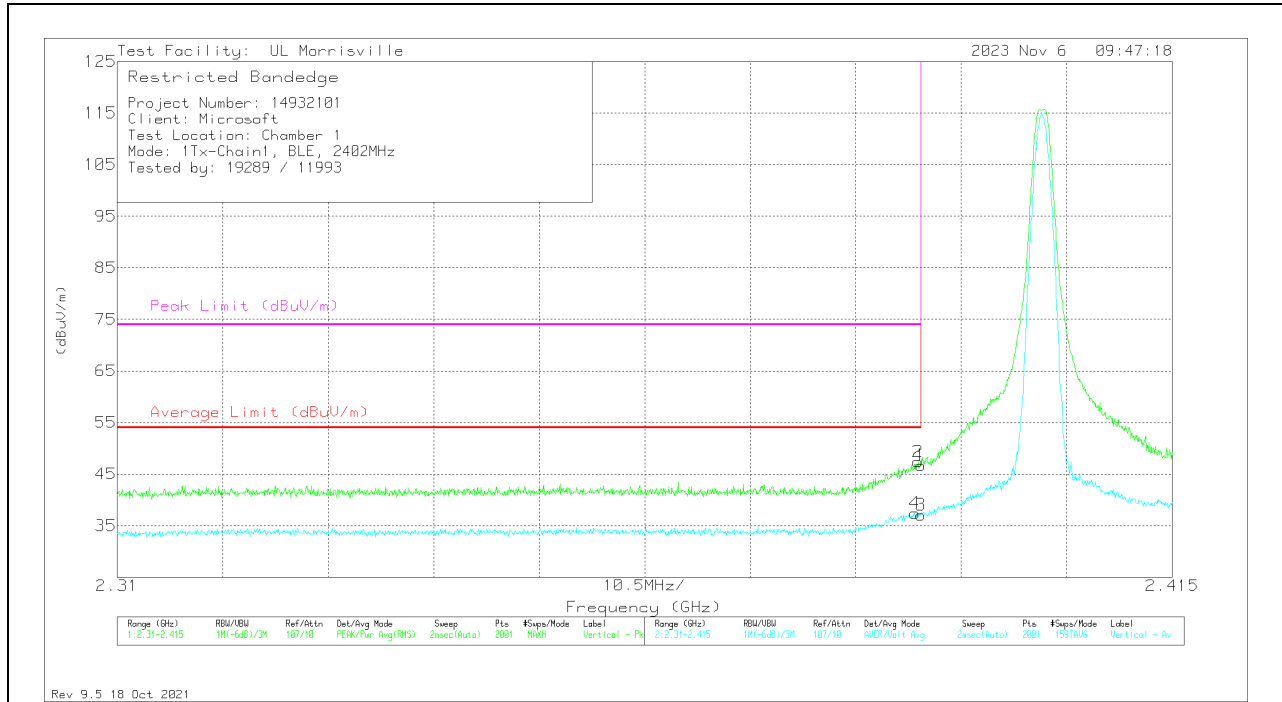
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	34.31	Pk	32.1	-24.2	0	42.21	-	-	74	-31.79	0	224	H
2	*** 2.34108	36.33	Pk	32	-24	0	44.33	-	-	74	-29.67	0	224	H
3	*** 2.38996	22.1	ADV	32.1	-24.2	4.07	34.07	54	-19.93	-	-	0	224	H
4	*** 2.38912	23.15	ADV	32.1	-24.2	4.07	35.12	54	-18.88	-	-	0	224	H

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

VERTICAL RESULT

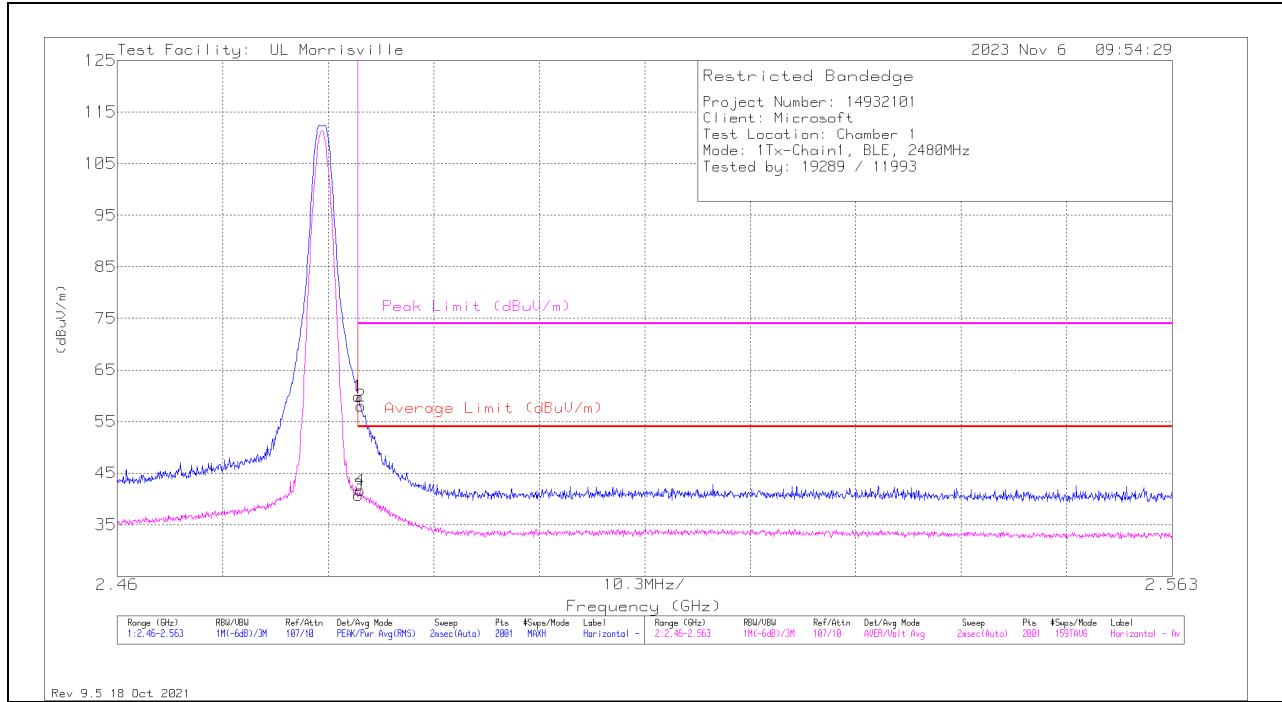


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	38.77	Pk	32.1	-24.2	0	46.67	-	-	74	-27.33	318	282	V
2	*** 2.3897	39.47	Pk	32.1	-24.2	0	47.37	-	-	74	-26.63	318	282	V
3	*** 2.38996	25.11	ADV	32.1	-24.2	4.07	37.08	54	-16.92	-	-	318	282	V
4	*** 2.38938	25.45	ADV	32.1	-24.2	4.07	37.42	54	-16.58	-	-	318	282	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	206211 (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	52.08	Pk	32.3	-24.5	0	59.88	-	-	74	-14.12	18	385	H
2	** 2.48379	50.21	Pk	32.3	-24.5	0	58.01	-	-	74	-15.99	18	385	H
3	** 2.48354	28.81	ADV	32.3	-24.5	4.07	40.68	54	-13.32	-	-	18	385	H
4	*** 2.48374	29.78	ADV	32.3	-24.5	4.07	41.65	54	-12.35	-	-	18	385	H

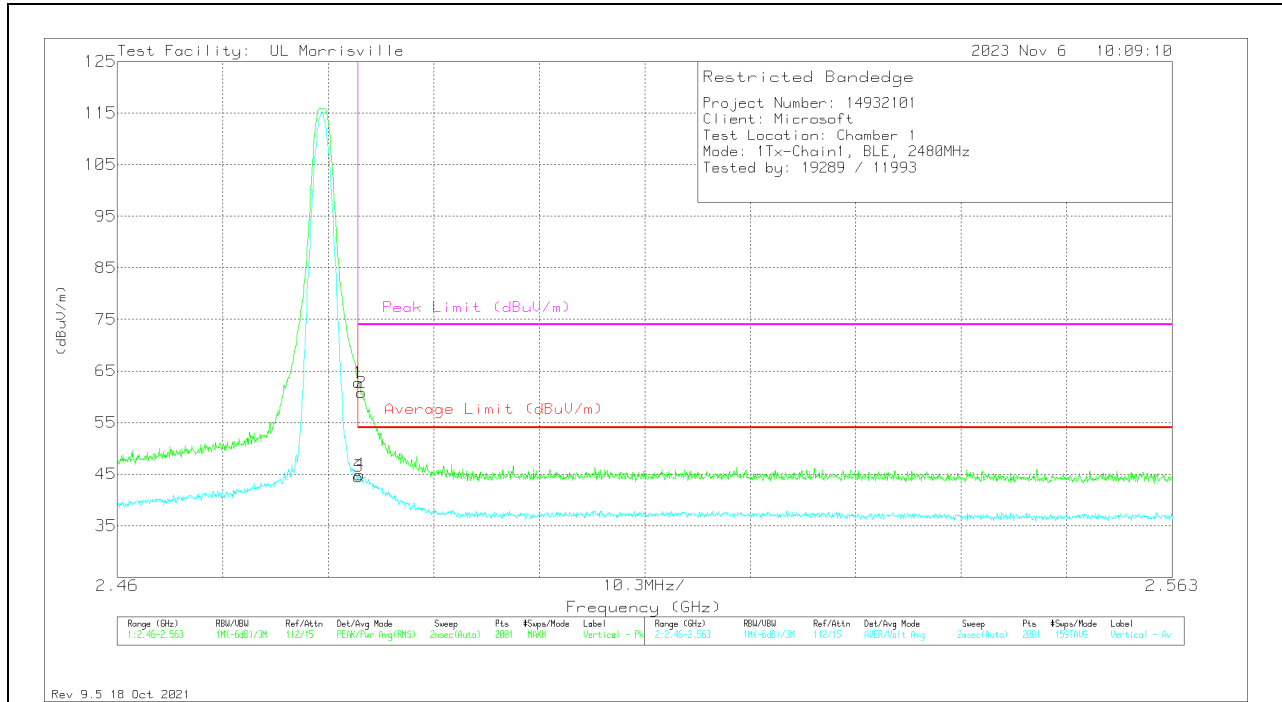
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

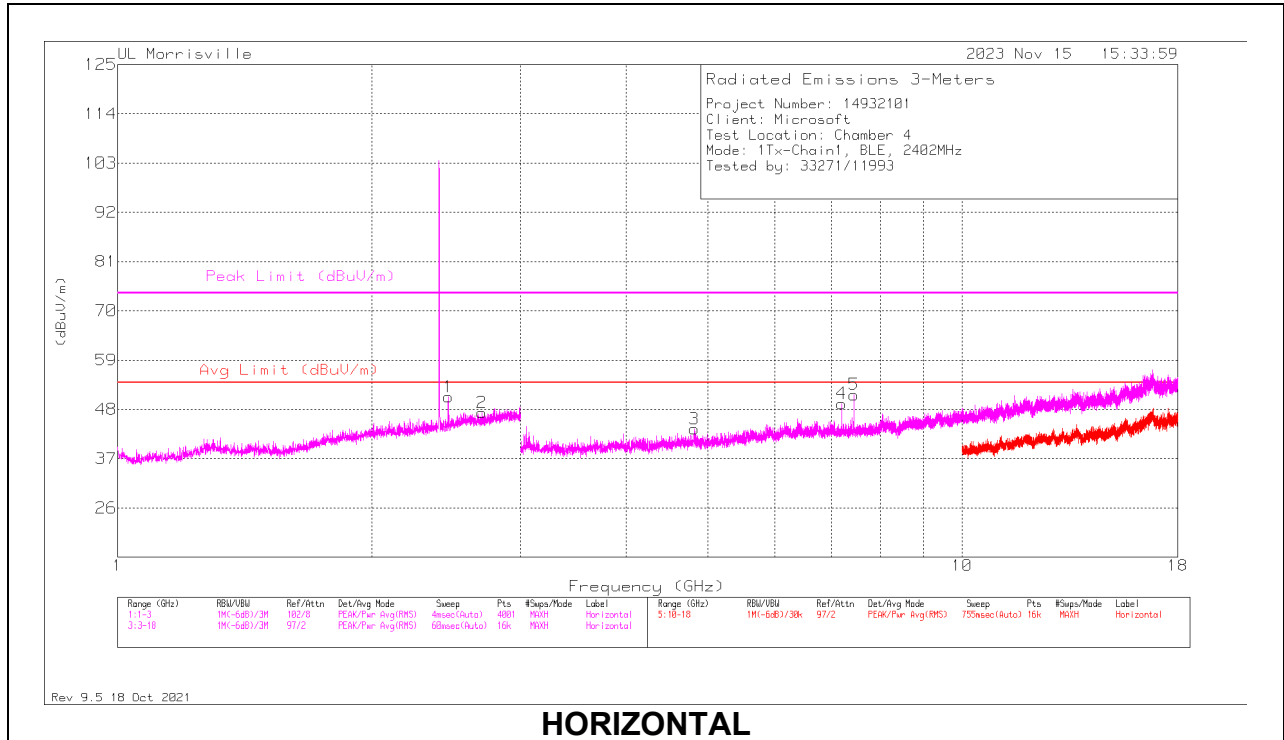


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	54.92	Pk	32.3	-24.5	0	62.72	-	-	74	-11.28	329	302	V
2	* ** 2.48384	52.99	Pk	32.3	-24.5	0	60.79	-	-	74	-13.21	329	302	V
3	* ** 2.48354	32.66	ADV	32.3	-24.5	4.07	44.53	54	-9.47	-	-	329	302	V
4	* ** 2.48364	33.01	ADV	32.3	-24.5	4.07	44.88	54	-9.12	-	-	329	302	V

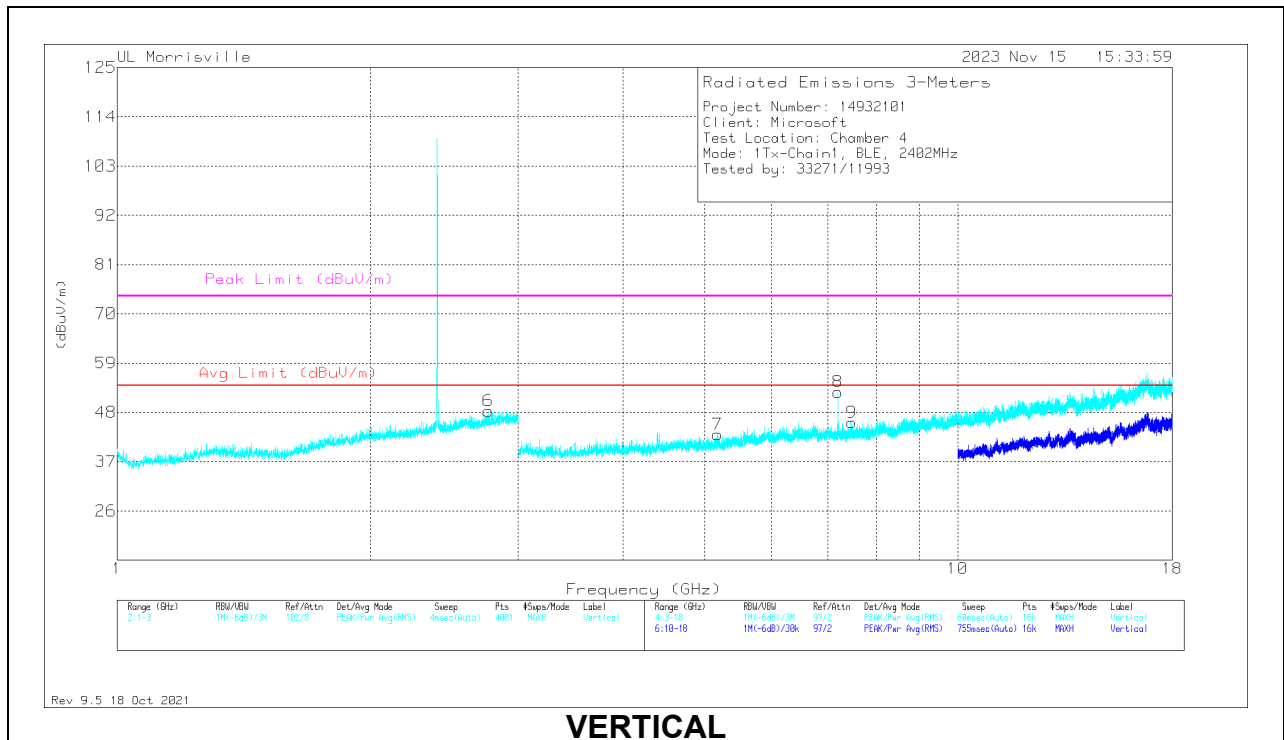
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



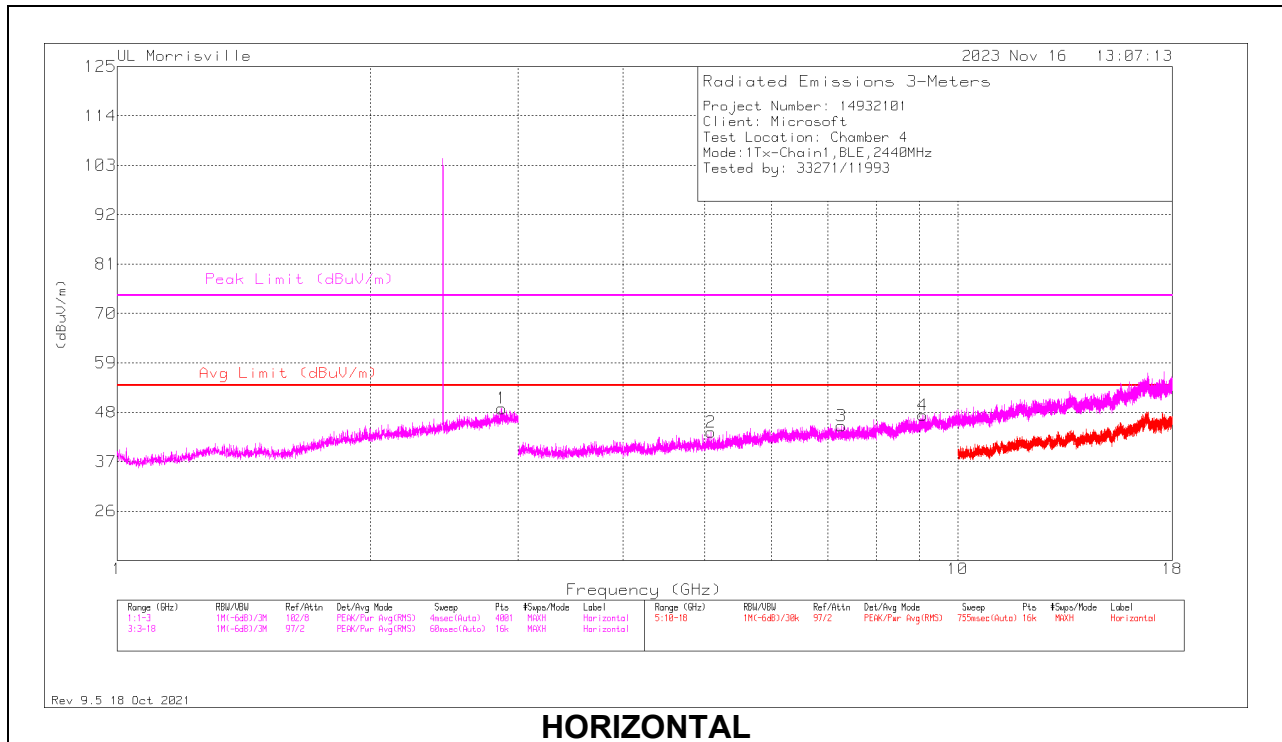
VERTICAL

RADIATED EMISSIONS

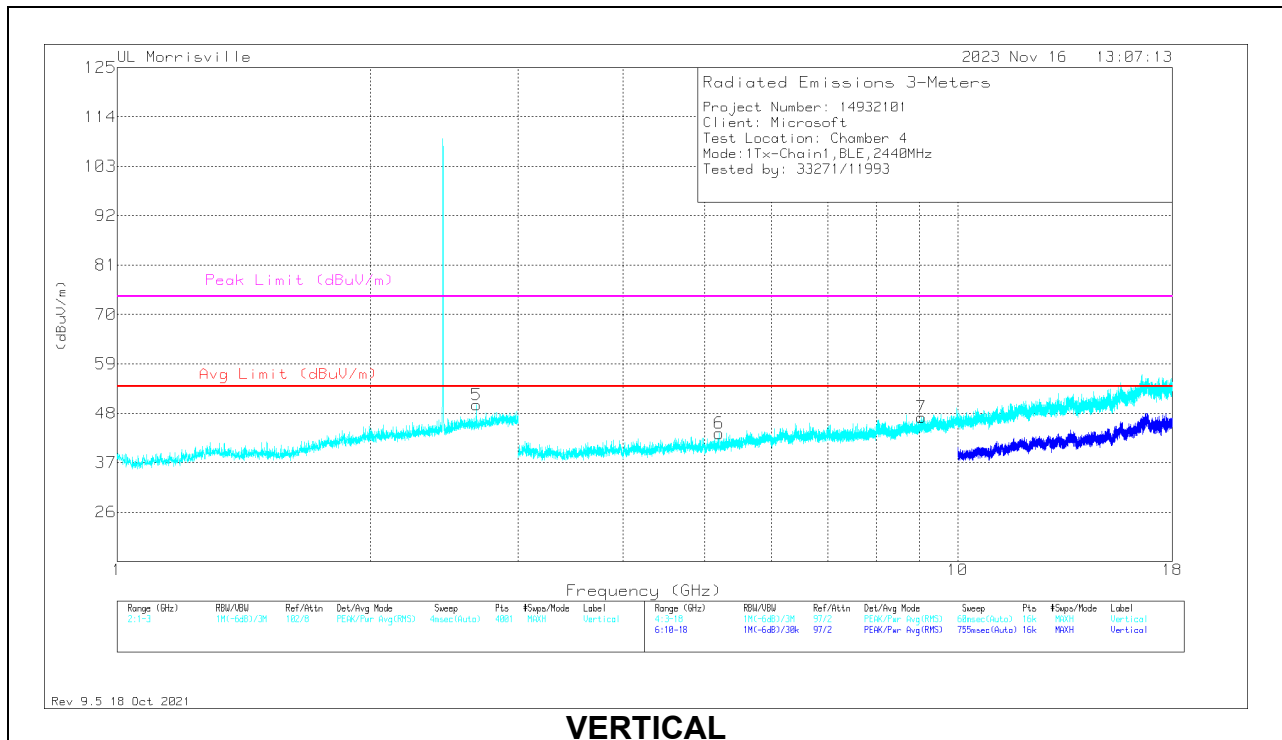
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 2.7015	27.46	Pk	32.4	-12.6	0	47.26	54	-6.74	74	-26.74	0-360	100	H
6	*** 2.7644	28.75	PK2	32.5	-12.5	0	48.75	-	-	74	-25.25	90	167	V
	*** 2.76166	15.67	ADV	32.5	-12.4	4.07	39.84	54	-14.16	-	-	90	167	V
3	*** 4.81594	40.91	Pk	34.1	-31.4	0	43.61	54	-10.39	74	-30.39	0-360	100	H
5	*** 7.445	45.4	PK2	35.7	-27.9	0	53.2	-	-	74	-20.8	194	269	H
	*** 7.4474	25.66	ADV	35.7	-27.7	4.07	37.73	54	-16.27	-	-	194	269	H
7	** 5.17875	39.64	Pk	34.2	-30.8	0	43.04	54	-10.96	74	-30.96	0-360	200	V
9	*** 7.47938	37.94	Pk	35.6	-27.8	0	45.74	54	-8.26	74	-28.26	0-360	200	V
1	2.463	31.68	Pk	32.2	-13.1	0	50.78	-	-	-	-	0-360	100	H
4	7.20469	41.7	Pk	35.6	-28	0	49.3	-	-	-	-	0-360	100	H
8	7.20469	44.95	Pk	35.6	-28	0	52.55	-	-	-	-	0-360	200	V

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

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8665	28.86	PK2	32.4	-12.2	0	49.06	-	-	74	-24.94	303	181	H
	** 2.86357	16.13	ADV	32.4	-12.3	4.07	40.3	54	-13.7	-	-	303	181	H
5	** 2.67748	28.65	PK2	32.3	-12.6	0	48.35	-	-	74	-25.65	203	315	V
	** 2.67607	15.75	ADV	32.3	-12.6	4.07	39.52	54	-14.48	-	-	203	315	V
2	** 5.085	41.28	Pk	34.1	-31.8	0	43.58	54	-10.42	74	-30.42	0-360	100	H
3	** 7.27125	37.15	Pk	35.6	-27.8	0	44.95	54	-9.05	74	-29.05	0-360	100	H
4	** 9.08156	35.73	Pk	36.3	-24.7	0	47.33	54	-6.67	74	-26.67	0-360	100	H
6	** 5.19844	40.04	Pk	34.2	-30.7	0	43.54	54	-10.46	74	-30.46	0-360	200	V
7	** 9.05813	35.55	Pk	36.2	-24.6	0	47.15	54	-6.85	74	-26.85	0-360	200	V

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

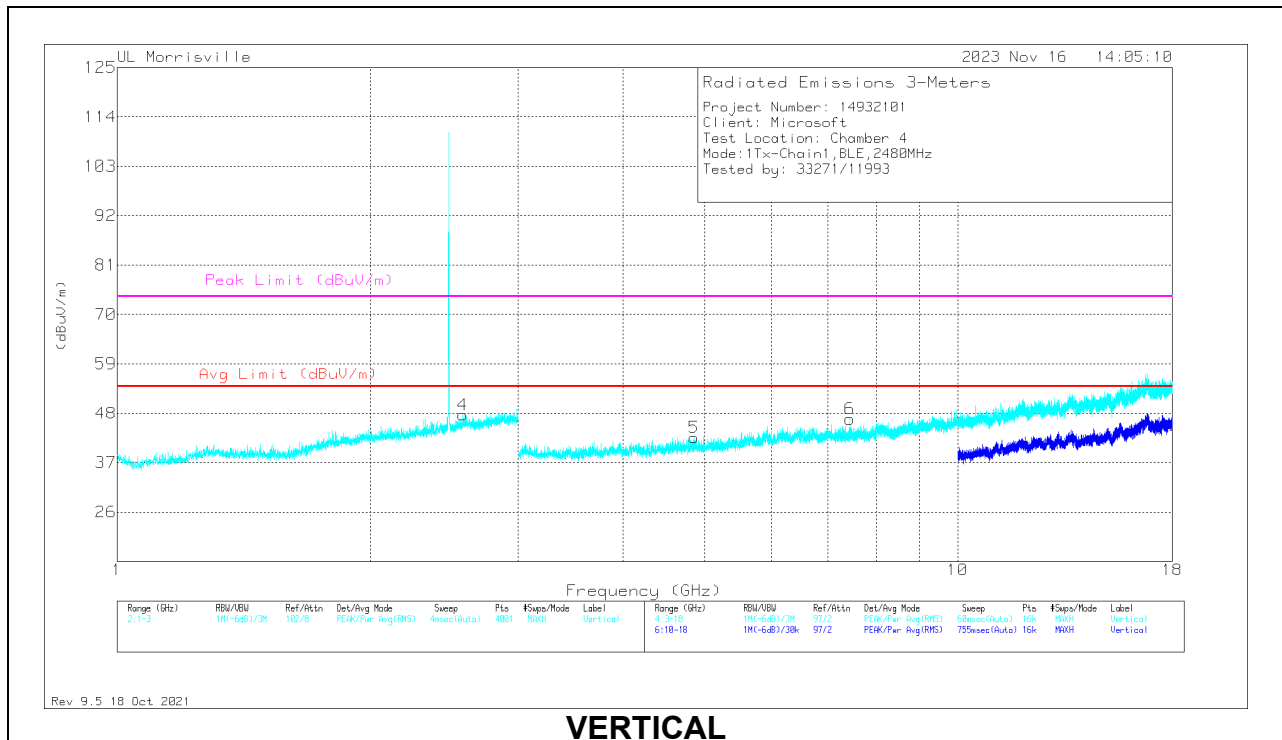
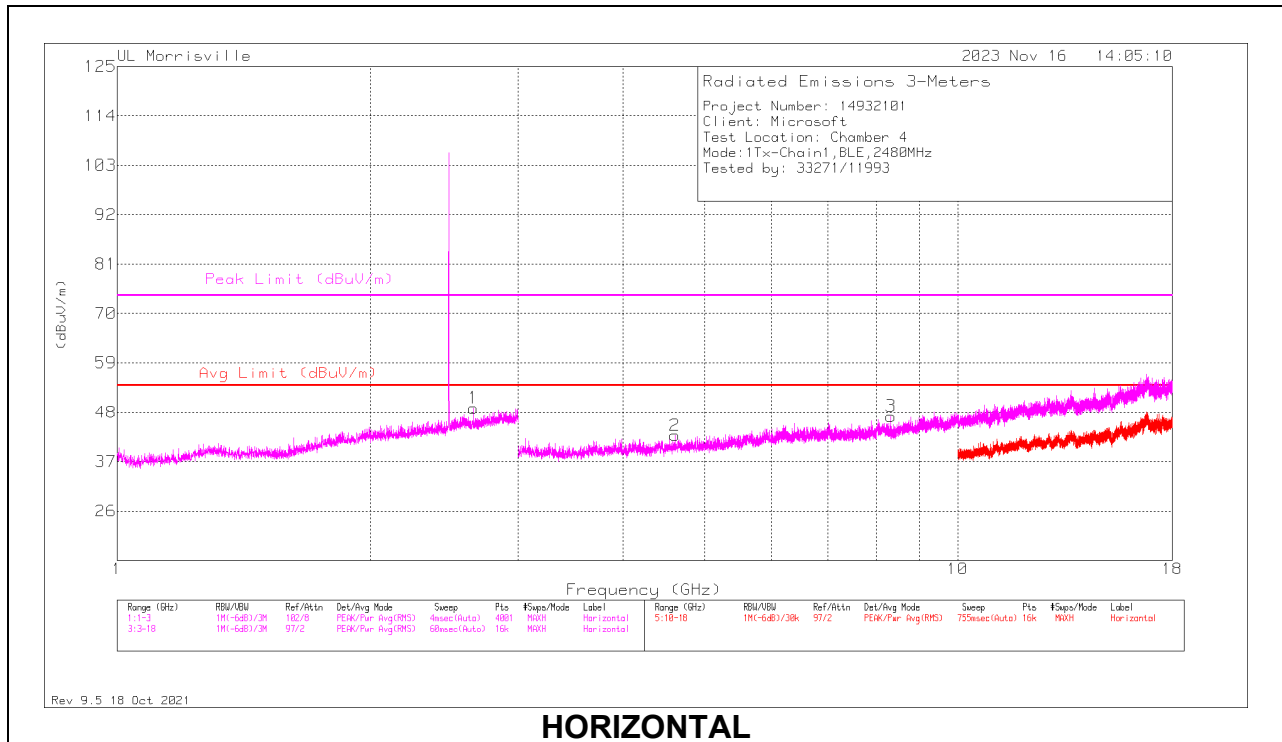
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2.65358	29.36	PK2	32.4	-12.6	0	49.16	-	-	74	-24.84	19	154	H
	** 2.65239	15.71	ADV	32.4	-12.6	4.07	39.58	54	-14.42	-	-	19	154	H
4	** 2.5765	27.94	Pk	32.5	-12.8	0	47.64	54	-6.36	74	-26.36	0-360	200	V
2	*** 4.60781	40.66	Pk	34.1	-31.9	0	42.86	54	-11.14	74	-31.14	0-360	100	H
3	*** 8.32781	38.13	Pk	35.8	-26.8	0	47.13	54	-6.87	74	-26.87	0-360	100	H
5	*** 4.85625	40.19	Pk	34.1	-31.7	0	42.59	54	-11.41	74	-31.41	0-360	200	V
6	*** 7.44094	39.05	Pk	35.7	-28	0	46.75	54	-7.25	74	-27.25	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

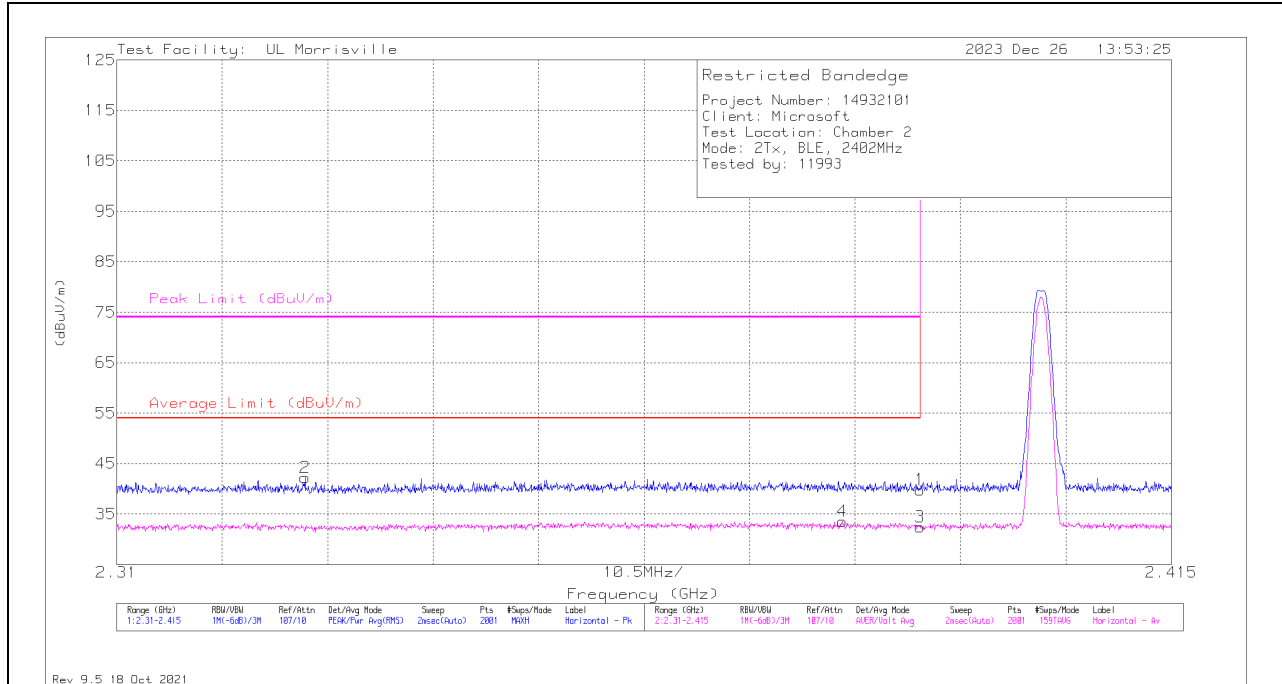
PK2 - Maximum Peak

ADV - Linear Voltage Average

2Tx MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	31.7	Pk	32.3	-24.2	0	39.8	-	-	74	-34.2	307	280	H
2	* ** 2.32874	34.08	Pk	32.1	-24	0	42.18	-	-	74	-31.82	307	280	H
3	* ** 2.38996	20.27	ADV	32.3	-24.2	4.07	32.44	54	-21.56	-	-	307	280	H
4	* ** 2.38224	21.48	ADV	32.2	-24.2	4.07	33.55	54	-20.45	-	-	307	280	H

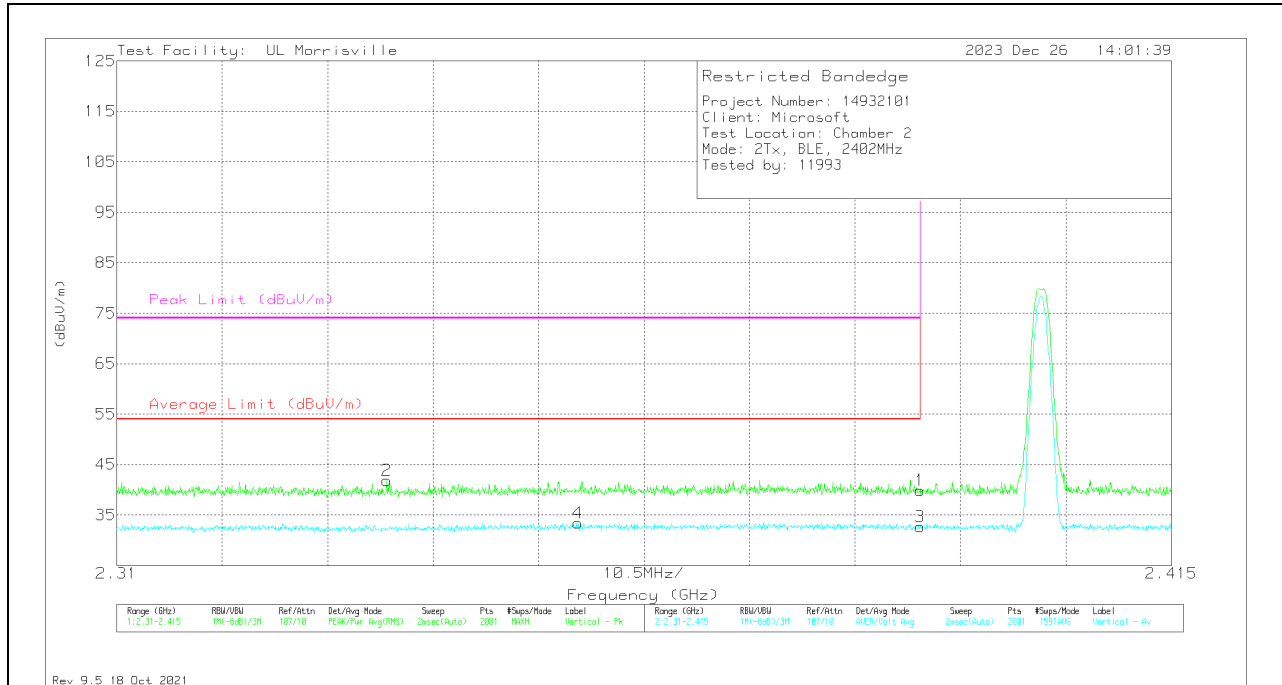
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	31.82	Pk	32.3	-24.2	0	39.92	-	-	74	-34.08	84	334	V
2	* ** 2.33688	33.89	Pk	32.1	-24.1	0	41.89	-	-	74	-32.11	84	334	V
3	* ** 2.38996	20.47	ADV	32.3	-24.2	4.07	32.64	54	-21.36	-	-	84	334	V
4	* ** 2.35594	21.16	ADV	32.1	-23.9	4.07	33.43	54	-20.57	-	-	84	334	V

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

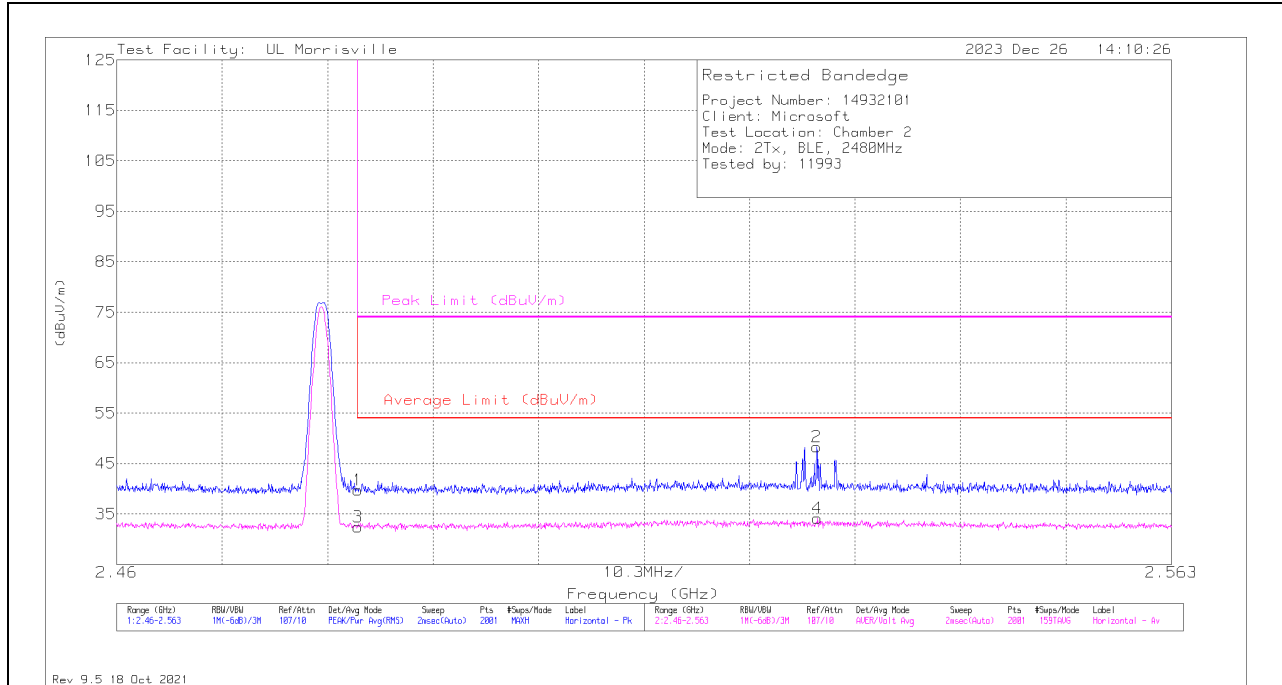
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

BANDEDGE (HIGH CHANNEL)

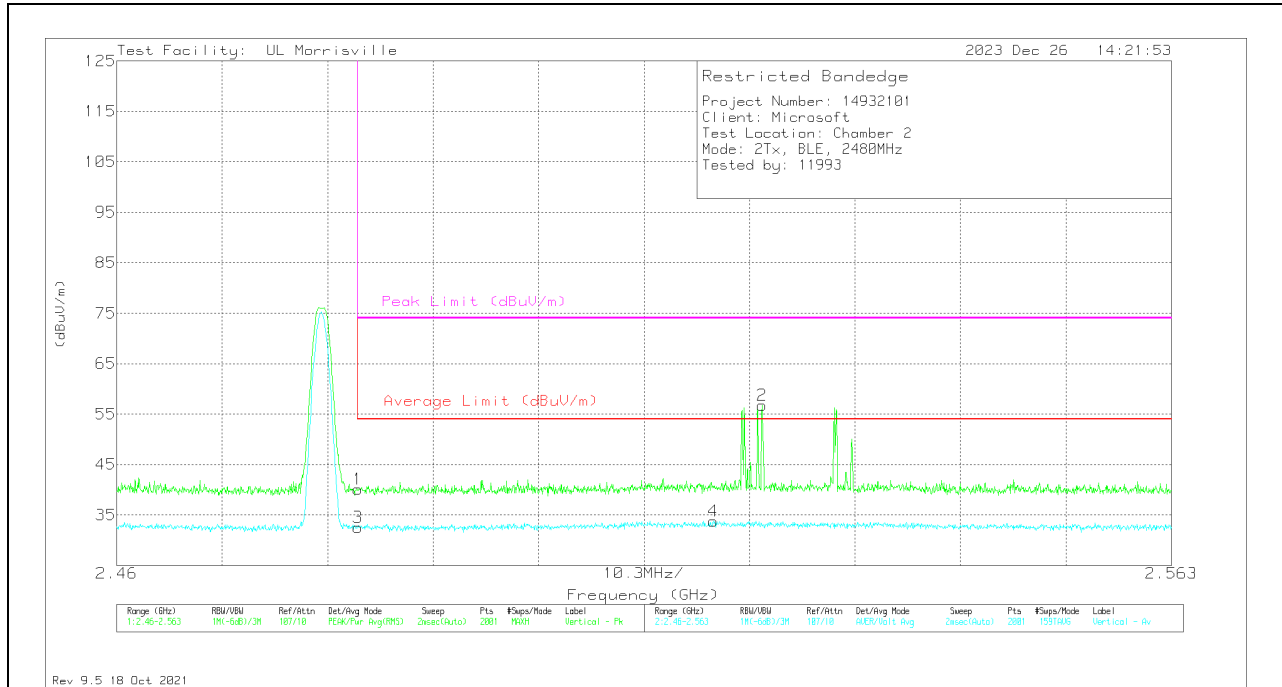
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	31.71	Pk	32.5	-24.5	0	39.71	-	-	74	-34.29	344	160	H
2	** 2.52834	40.6	Pk	32.5	-24.8	0	48.3	-	-	74	-25.7	344	160	H
3	*** 2.48354	20.29	ADV	32.5	-24.5	4.07	32.36	54	-21.64	-	-	344	160	H
4	** 2.52844	22.33	ADV	32.5	-24.8	4.07	34.1	54	-19.9	-	-	344	160	H

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

VERTICAL RESULT

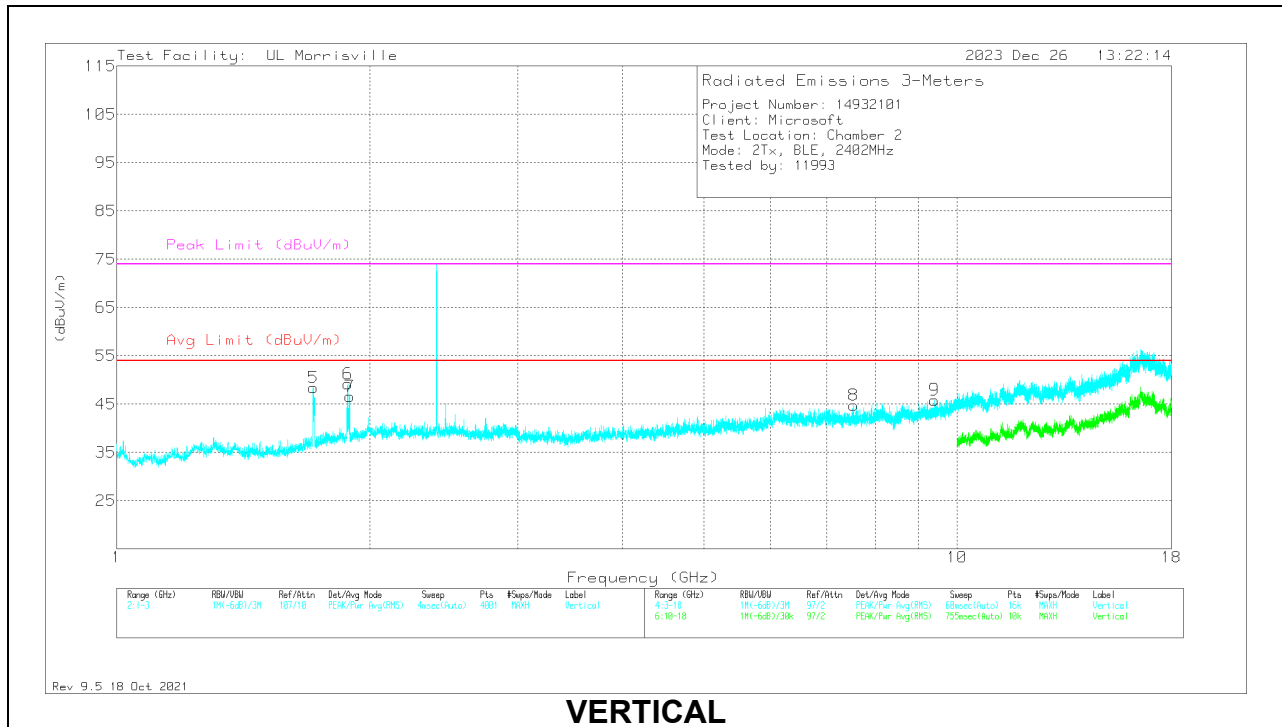
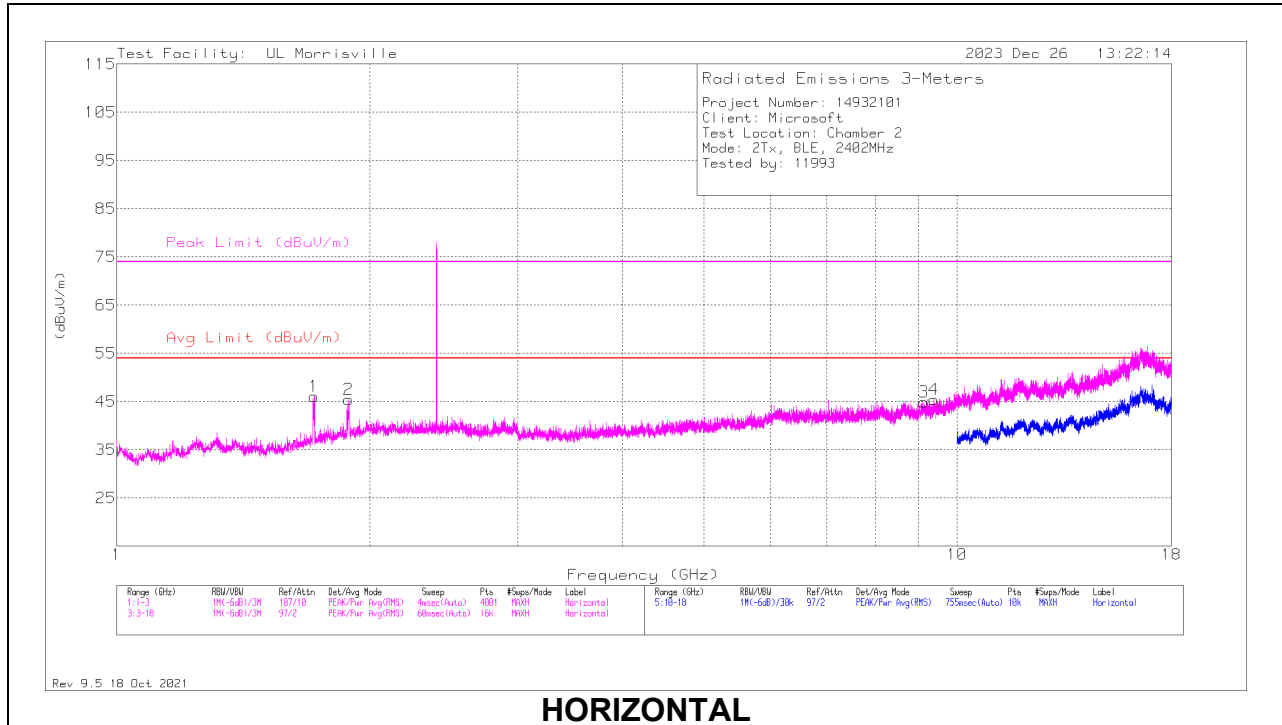


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	32.11	Pk	32.5	-24.5	0	40.11	-	-	74	-33.89	84	275	V
2	** 2.52304	49.09	Pk	32.5	-24.8	0	56.79	-	-	74	-17.21	84	275	V
3	* ** 2.48354	20.52	ADV	32.5	-24.5	4.07	32.59	54	-21.41	-	-	84	275	V
4	** 2.51825	21.93	ADV	32.5	-24.7	4.07	33.8	54	-20.2	-	-	84	275	V

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

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 1.71875	39.07	Pk	29.7	-22.7	0	46.07	54	-7.93	74	-27.93	0-360	200	H
2	** 1.8885	37.26	Pk	30.9	-22.7	0	45.46	54	-8.54	74	-28.54	0-360	200	H
5	** 1.71161	35.87	PK2	29.6	-22.7	0	42.77	-	-	74	-31.23	23	187	V
	** 1.71366	20.54	ADV	29.7	-22.7	4.07	31.61	54	-22.39	-	-	23	187	V
7	** 1.8925	38.33	Pk	31	-22.7	0	46.63	54	-7.37	74	-27.37	0-360	101	V
3	*** 9.13219	33.92	Pk	35.9	-24.9	0	44.92	54	-9.08	74	-29.08	0-360	101	H
4	*** 9.38156	34.79	Pk	36.2	-25.6	0	45.39	54	-8.61	74	-28.61	0-360	200	H
8	*** 7.53094	36.01	Pk	35.7	-26.9	0	44.81	54	-9.19	74	-29.19	0-360	200	V
9	*** 9.40594	34.89	Pk	36.2	-25.2	0	45.89	54	-8.11	74	-28.11	0-360	101	V
6	1.883	41.06	Pk	30.9	-22.7	0	49.26	-	-	-	-	0-360	101	V

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

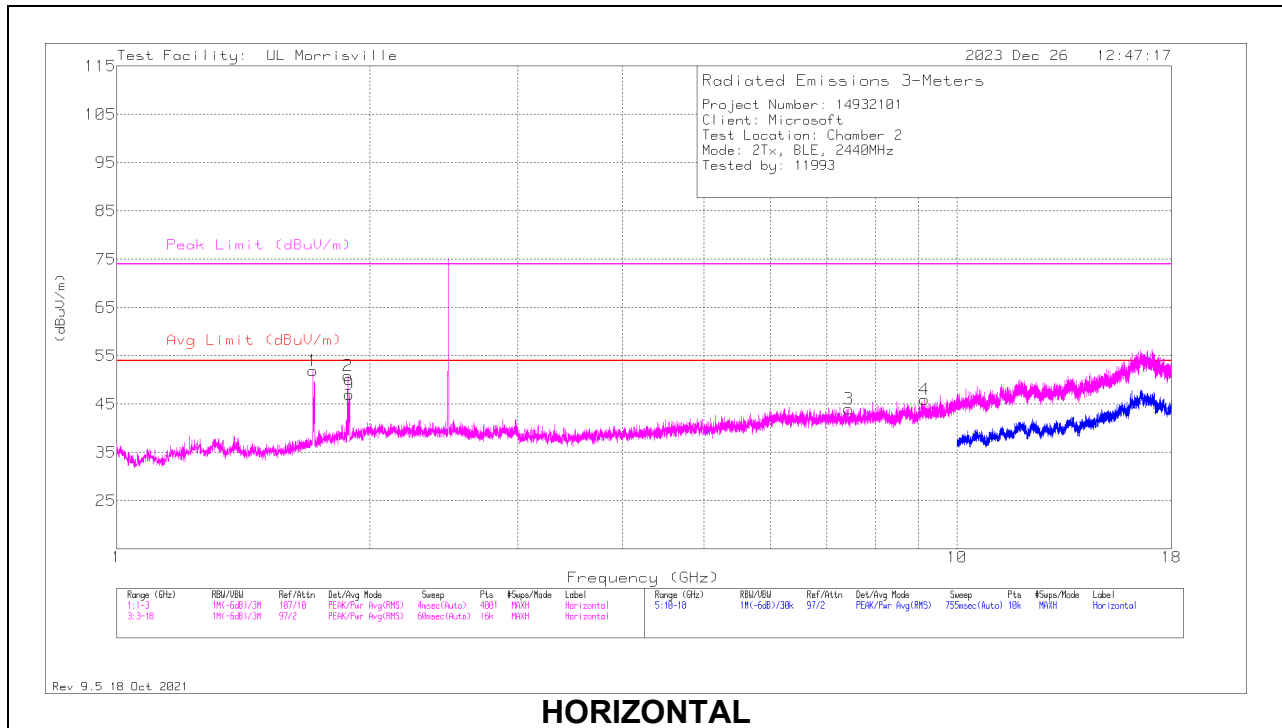
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

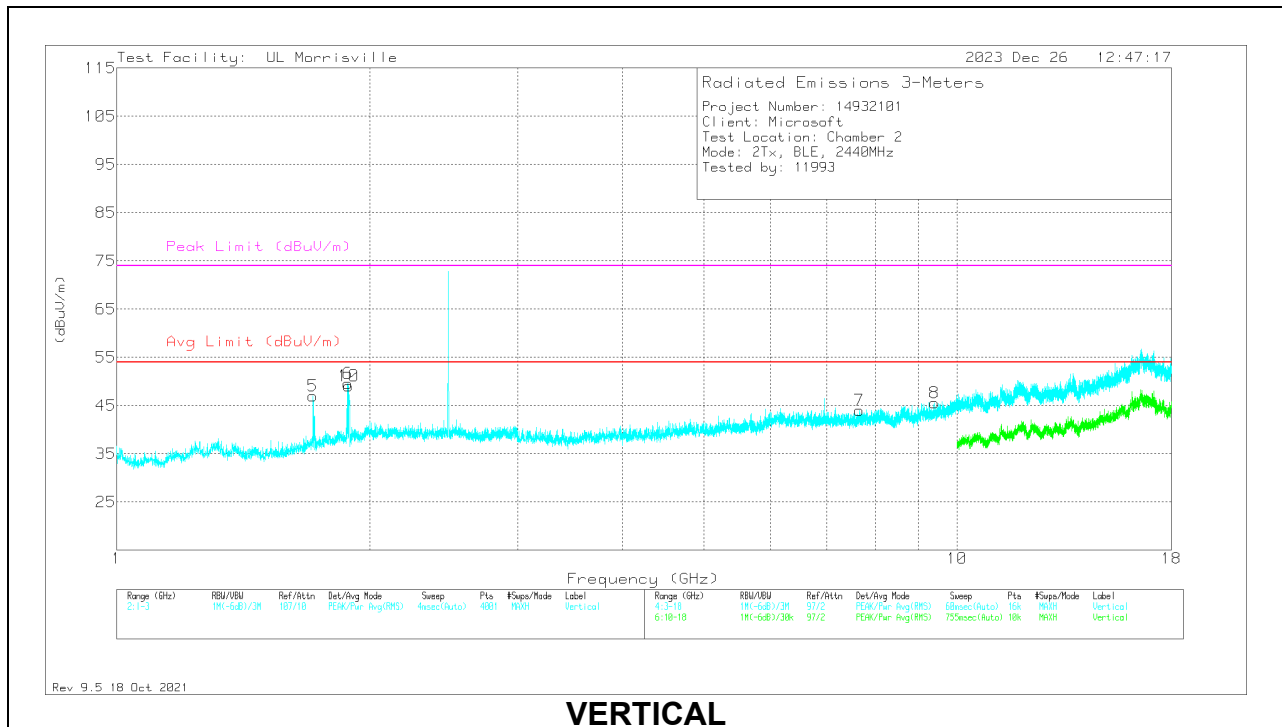
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



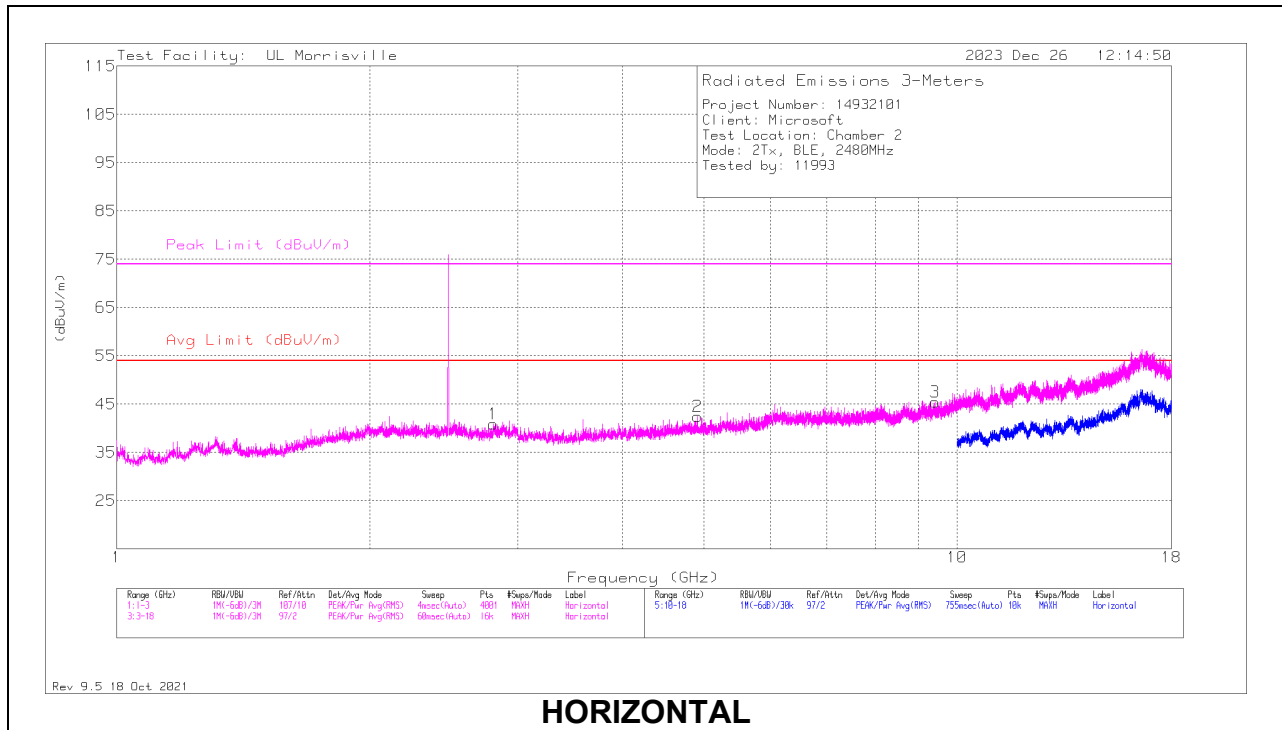
VERTICAL

RADIATED EMISSIONS

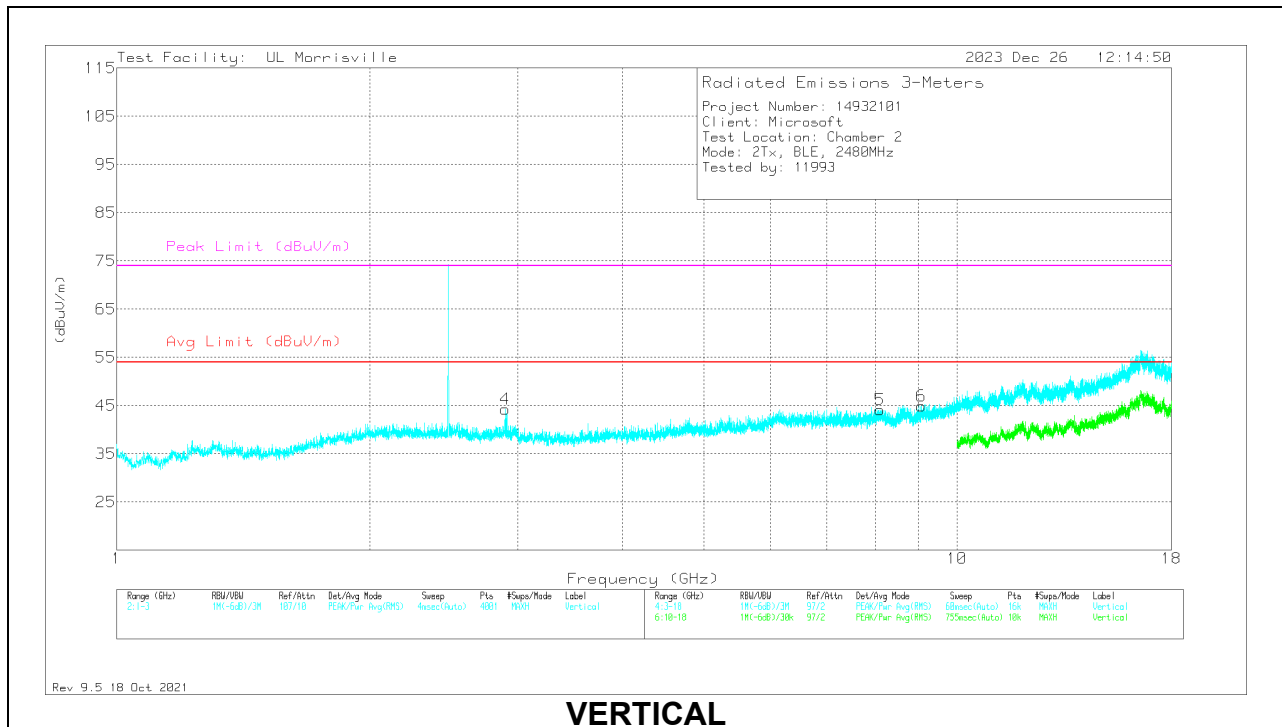
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 1.70893	33.17	PK2	29.6	-22.7	0	40.07	-	-	74	-33.93	85	238	H
	*** 1.69979	20.63	ADV	29.5	-22.6	4.07	31.6	54	-22.4	-	-	85	238	H
9	** 1.892	38.76	Pk	31	-22.7	0	47.06	54	-6.94	74	-26.94	0-360	101	H
5	** 1.712	40.08	Pk	29.6	-22.7	0	46.98	54	-7.02	74	-27.02	0-360	101	V
10	** 1.88829	37.07	PK2	30.9	-22.7	0	45.27	-	-	74	-28.73	193	172	V
	** 1.88706	20.29	ADV	30.9	-22.7	4.07	32.56	54	-21.44	-	-	193	172	V
3	*** 7.43719	35.33	Pk	35.6	-26.9	0	44.03	54	-9.97	74	-29.97	0-360	101	H
4	*** 9.14344	34.85	Pk	35.9	-24.8	0	45.95	54	-8.05	74	-28.05	0-360	200	H
7	** 7.65	34.93	Pk	35.7	-26.6	0	44.03	54	-9.97	74	-29.97	0-360	101	V
8	*** 9.40594	34.56	Pk	36.2	-25.2	0	45.56	54	-8.44	74	-28.44	0-360	200	V
6	1.883	41.45	Pk	30.9	-22.7	0	49.65	-	-	-	-	0-360	101	V
2	1.88425	42.74	Pk	30.9	-22.7	0	50.94	-	-	-	-	0-360	101	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.809	34.23	Pk	32.5	-25.8	40.93	54	-13.07	74	-33.07	0-360	200	H
4	*** 2.8975	37.51	Pk	32.7	-25.9	44.31	54	-9.69	74	-29.69	0-360	101	V
2	*** 4.90969	38.35	Pk	34.1	-30	42.45	54	-11.55	74	-31.55	0-360	101	H
3	*** 9.41906	34.64	Pk	36.2	-25.4	45.44	54	-8.56	74	-28.56	0-360	101	H
5	*** 8.09438	35.08	Pk	35.8	-26.7	44.18	54	-9.82	74	-29.82	0-360	199	V
6	*** 9.07688	34.15	Pk	35.9	-25.1	44.95	54	-9.05	74	-29.05	0-360	101	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

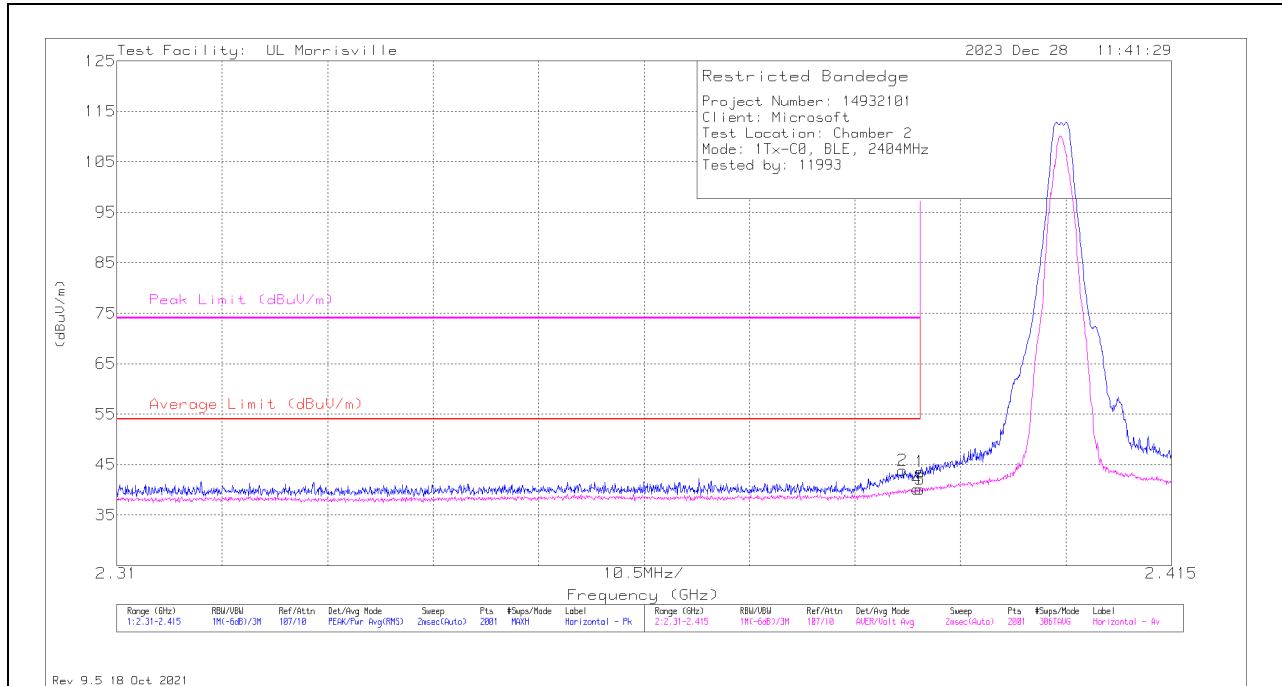
ADV - Linear Voltage Average

10.2.2. BLE (2Mbps)

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	35.53	Pk	32.3	-24.2	0	43.63	-	-	74	-30.37	82	373	H
2	* ** 2.38823	35.74	Pk	32.3	-24.2	0	43.84	-	-	74	-30.16	82	373	H
3	* ** 2.38996	22.25	ADV	32.3	-24.2	9.74	40.09	54	-13.91	-	-	82	373	H
4	* ** 2.3897	22.28	ADV	32.3	-24.2	9.74	40.12	54	-13.88	-	-	82	373	H

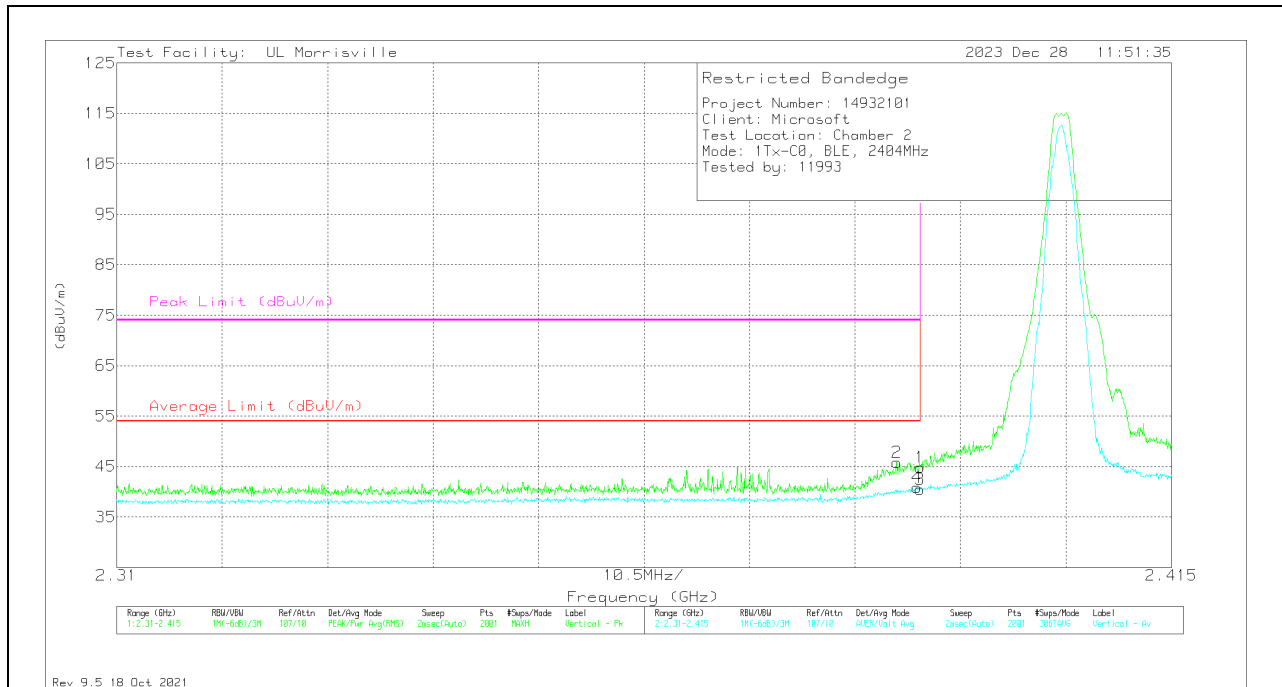
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

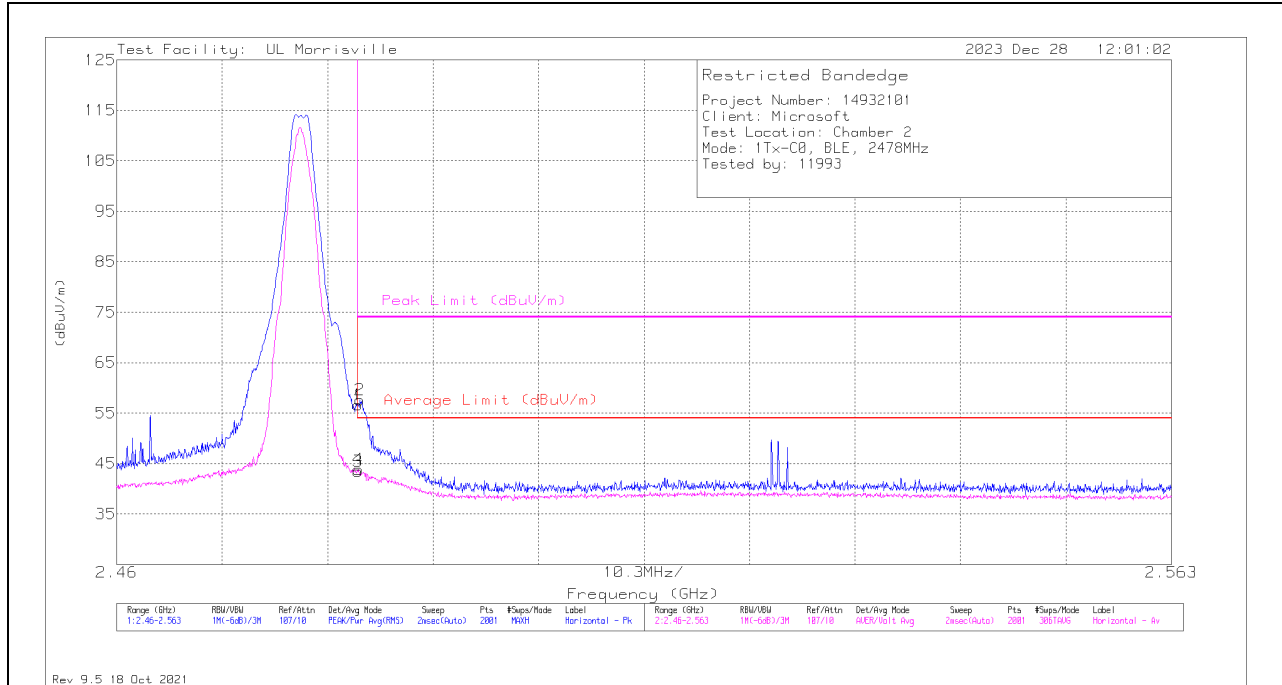


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	36.69	Pk	32.3	-24.2	0	44.79	-	-	74	-29.21	61	372	V
2	*** 2.38765	37.76	Pk	32.3	-24.2	0	45.86	-	-	74	-28.14	61	372	V
3	*** 2.38996	22.63	ADV	32.3	-24.2	9.74	40.47	54	-13.53	-	-	61	372	V
4	*** 2.38964	23	ADV	32.3	-24.2	9.74	40.84	54	-13.16	-	-	61	372	V

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

BANDEDGE (HIGH CHANNEL)

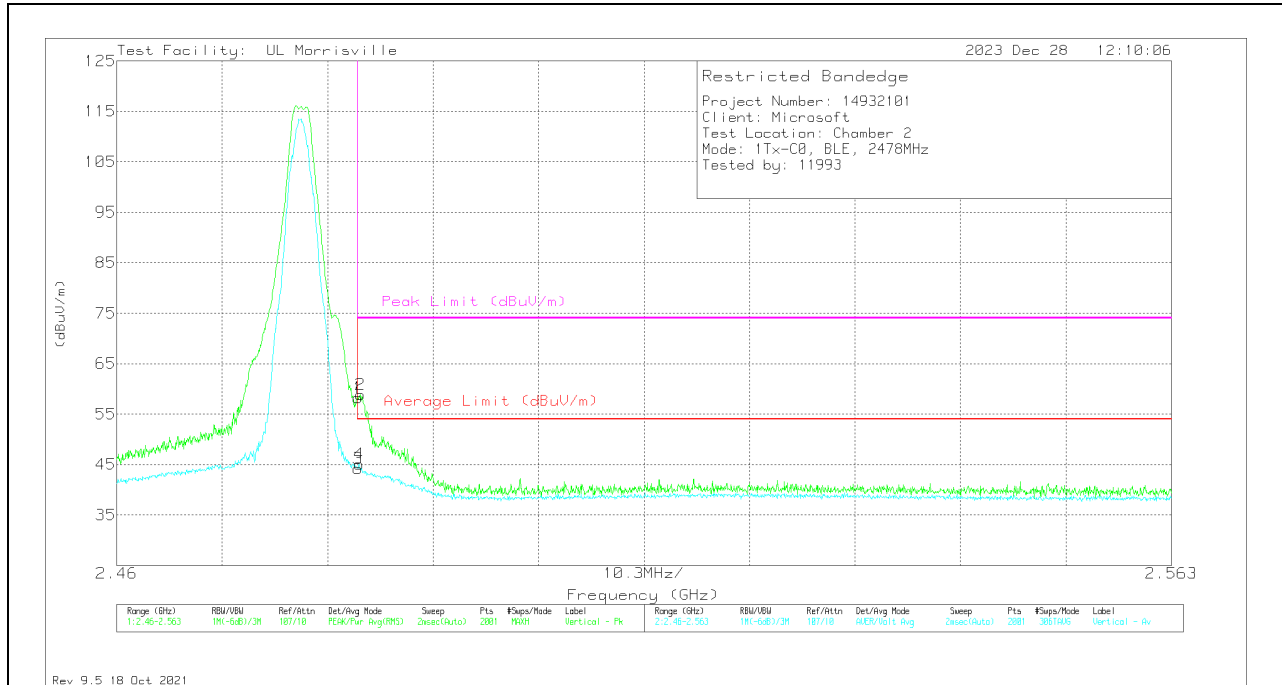
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	48.59	Pk	32.5	-24.5	0	56.59	-	-	74	-17.41	80	394	H
2	* ** 2.48374	49.61	Pk	32.5	-24.5	0	57.61	-	-	74	-16.39	80	394	H
3	* ** 2.48354	25.72	ADV	32.5	-24.5	9.74	43.46	54	-10.54	-	-	80	394	H
4	* ** 2.48359	26.1	ADV	32.5	-24.5	9.74	43.84	54	-10.16	-	-	80	394	H

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

VERTICAL RESULT



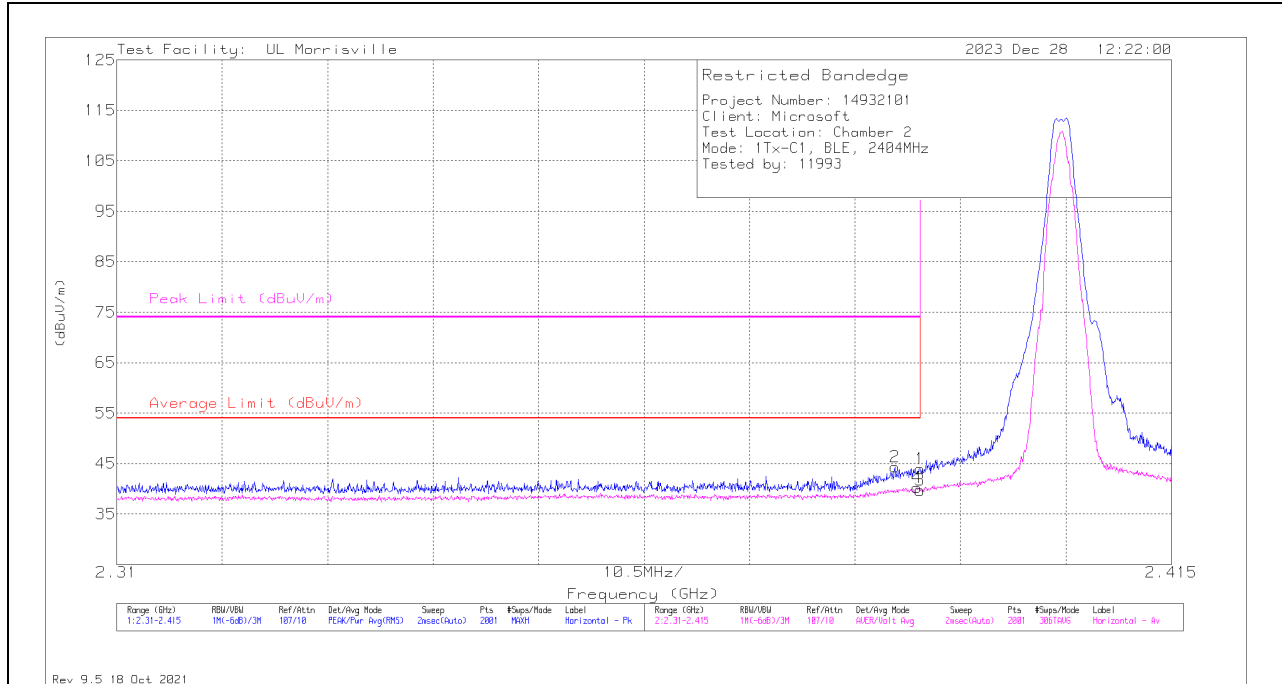
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	50.27	Pk	32.5	-24.5	0	58.27	-	-	74	-15.73	66	355	V
2	*** 2.48379	50.83	Pk	32.5	-24.5	0	58.83	-	-	74	-15.17	66	355	V
3	*** 2.48354	26.47	ADV	32.5	-24.5	9.74	44.21	54	-9.79	-	-	66	354	V
4	*** 2.48369	27.39	ADV	32.5	-24.5	9.74	45.13	54	-8.87	-	-	66	354	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

CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	35.87	Pk	32.3	-24.2	0	43.97	-	-	74	-30.03	90	368	H
2	* ** 2.38749	36.31	Pk	32.2	-24.2	0	44.31	-	-	74	-29.69	90	368	H
3	* ** 2.38996	21.84	ADV	32.3	-24.2	9.74	39.68	54	-14.32	-	-	90	368	H
4	* ** 2.3897	22.37	ADV	32.3	-24.2	9.74	40.21	54	-13.79	-	-	90	368	H

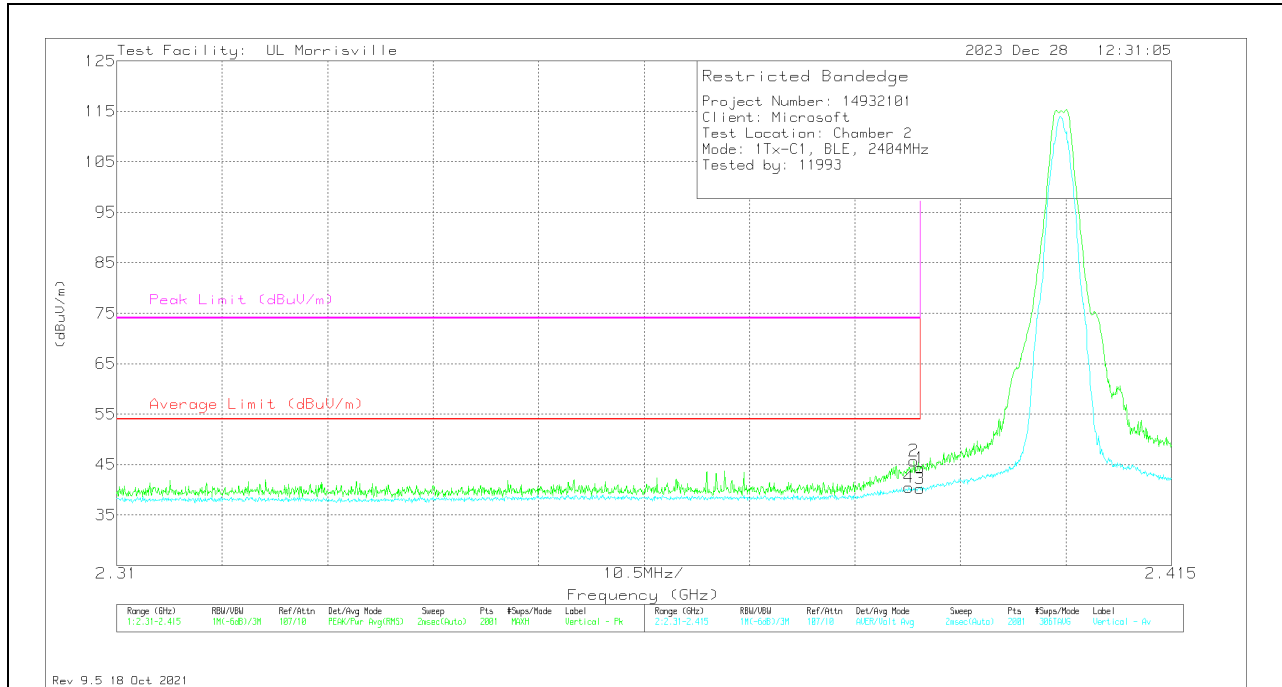
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

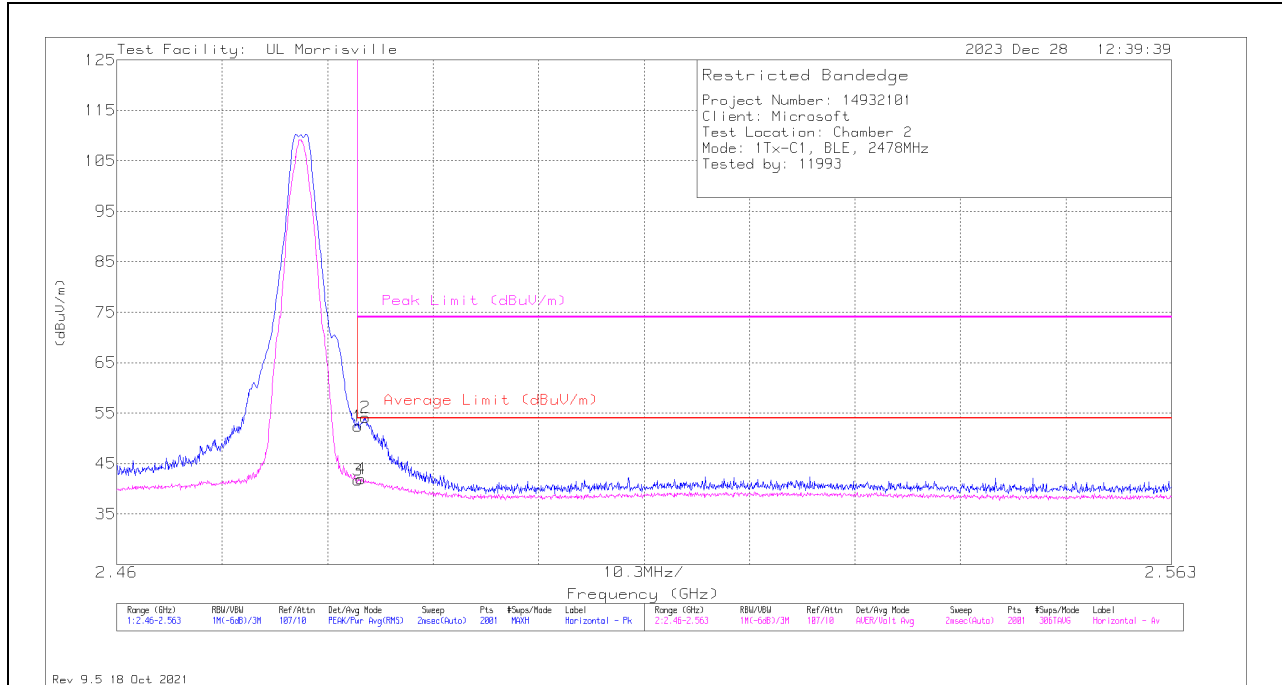


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	36.19	Pk	32.3	-24.2	0	44.29	-	-	74	-29.71	69	398	V
2	*** 2.38938	37.66	Pk	32.3	-24.2	0	45.76	-	-	74	-28.24	69	398	V
3	*** 2.38996	22.4	ADV	32.3	-24.2	9.74	40.24	54	-13.76	-	-	69	398	V
4	*** 2.38886	22.6	ADV	32.3	-24.2	9.74	40.44	54	-13.56	-	-	69	398	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)

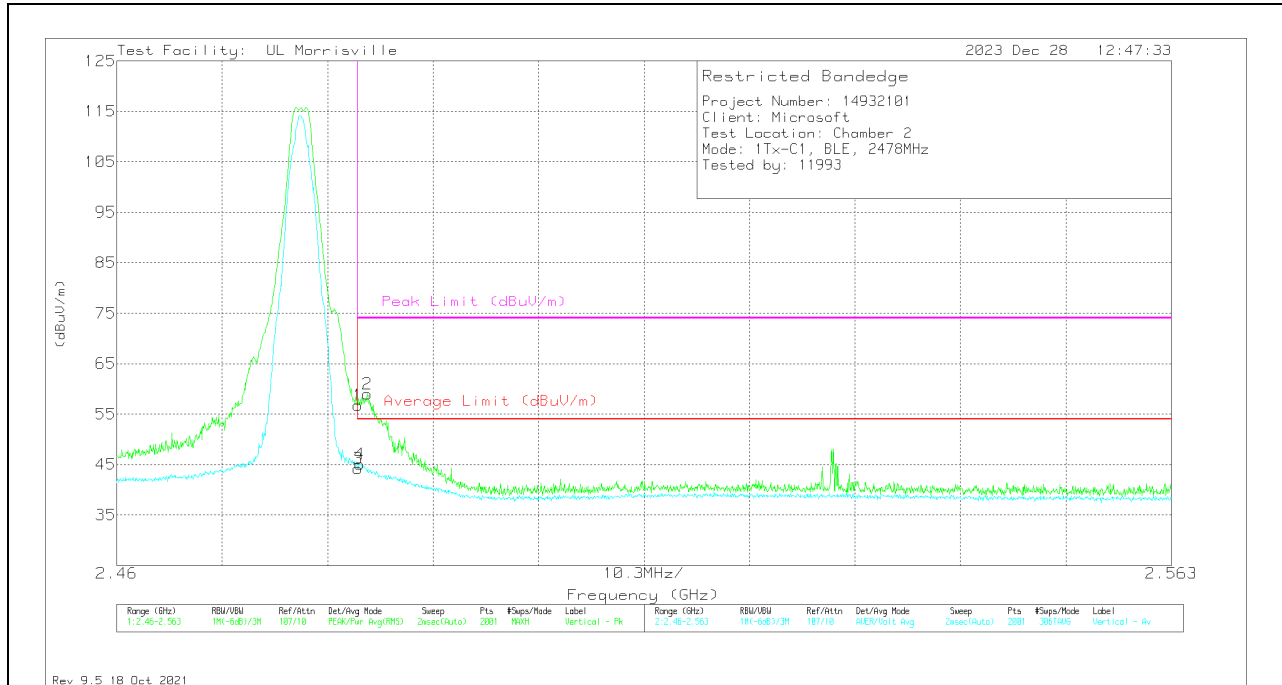
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	44.37	Pk	32.5	-24.5	0	52.37	-	-	74	-21.63	330	343	H
2	* ** 2.48431	46.15	Pk	32.5	-24.5	0	54.15	-	-	74	-19.85	330	343	H
3	* ** 2.48354	23.99	ADV	32.5	-24.5	9.74	41.73	54	-12.27	-	-	330	343	H
4	* ** 2.48384	24.18	ADV	32.5	-24.5	9.74	41.92	54	-12.08	-	-	330	343	H

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

VERTICAL RESULT



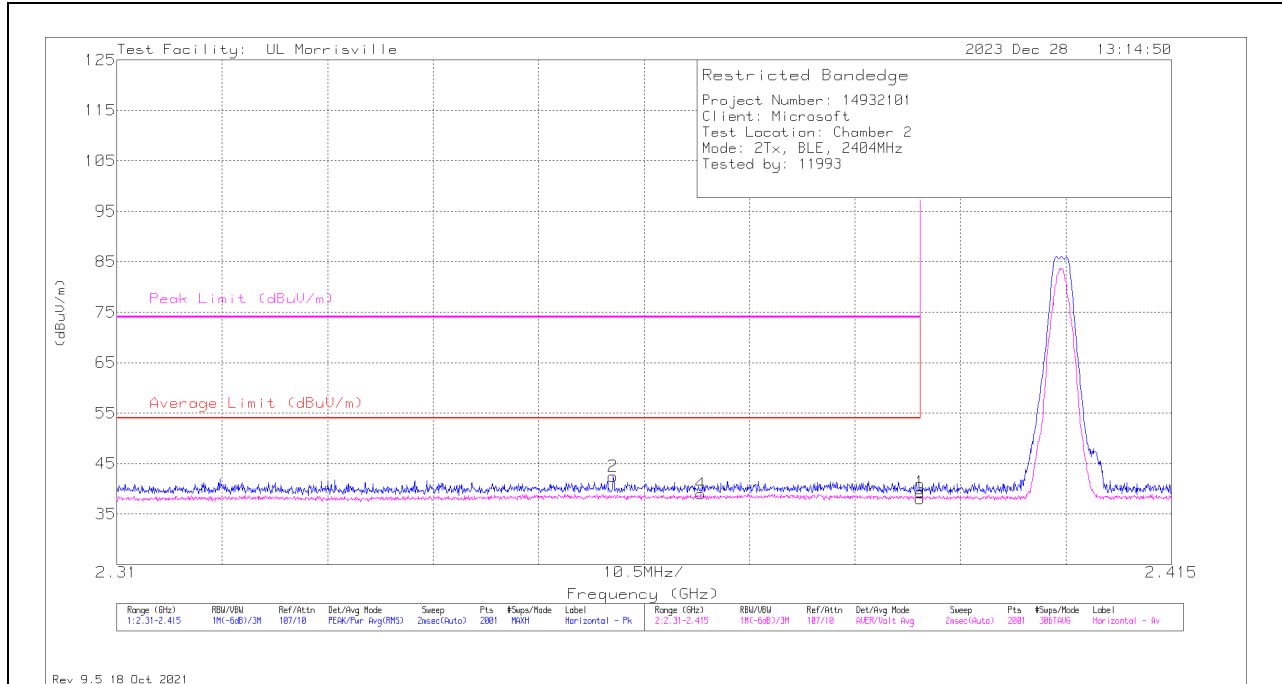
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	48.72	Pk	32.5	-24.5	0	56.72	-	-	74	-17.28	21	271	V
2	*** 2.48446	50.98	Pk	32.5	-24.5	0	58.98	-	-	74	-15.02	21	271	V
3	*** 2.48354	26.47	ADV	32.5	-24.5	9.74	44.21	54	-9.79	-	-	21	271	V
4	*** 2.48374	27.34	ADV	32.5	-24.5	9.74	45.08	54	-8.92	-	-	21	271	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

2Tx MIMO

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (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	31.25	Pk	32.3	-24.2	0	39.35	-	-	74	-34.65	322	114	H
2	* ** 2.3594	34.36	Pk	32.1	-24	0	42.46	-	-	74	-31.54	322	114	H
3	* ** 2.38996	20.21	ADV	32.3	-24.2	9.74	38.05	54	-15.95	-	-	322	114	H
4	* ** 2.36812	21.18	ADV	32.2	-24.1	9.74	39.02	54	-14.98	-	-	322	114	H

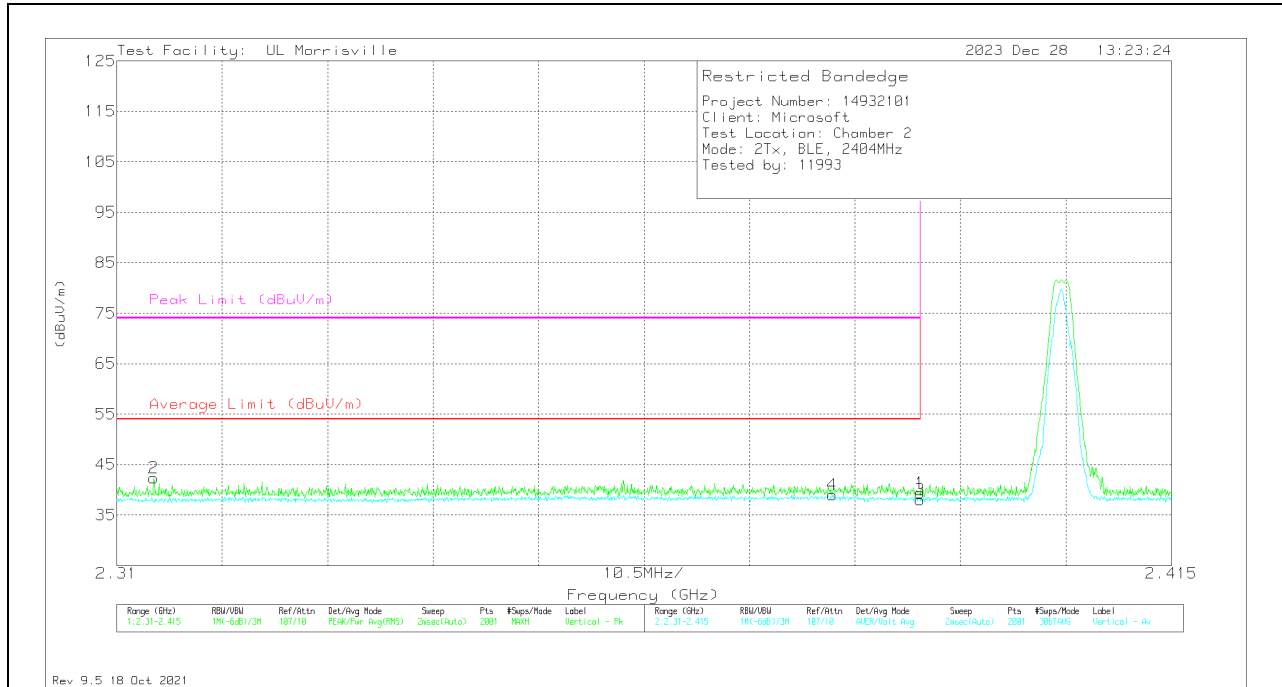
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

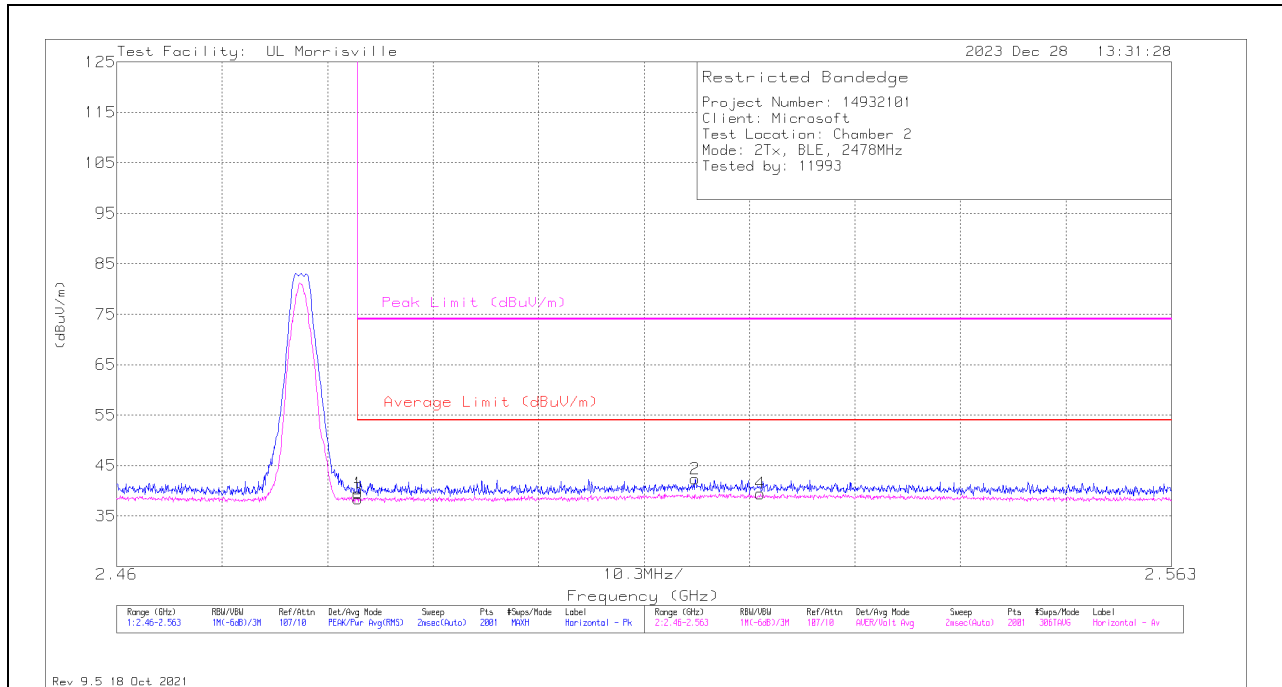


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	31.28	Pk	32.3	-24.2	0	39.38	-	-	74	-34.62	87	107	V
2	* ** 2.31368	34.27	Pk	32.1	-24	0	42.37	-	-	74	-31.63	87	107	V
3	* ** 2.38996	20.13	ADV	32.3	-24.2	9.74	37.97	54	-16.03	-	-	87	107	V
4	* ** 2.38124	21.19	ADV	32.2	-24.1	9.74	39.03	54	-14.97	-	-	87	107	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	86408 (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	31.48	Pk	32.5	-24.5	0	39.48	-	-	74	-34.52	3	259	H
2	** 2.5165	34.42	Pk	32.5	-24.6	0	42.32	-	-	74	-31.68	3	259	H
3	*** 2.48354	20.59	ADV	32.5	-24.5	9.74	38.33	54	-15.67	-	-	3	259	H
4	** 2.52283	21.89	ADV	32.5	-24.7	9.74	39.43	54	-14.57	-	-	3	259	H

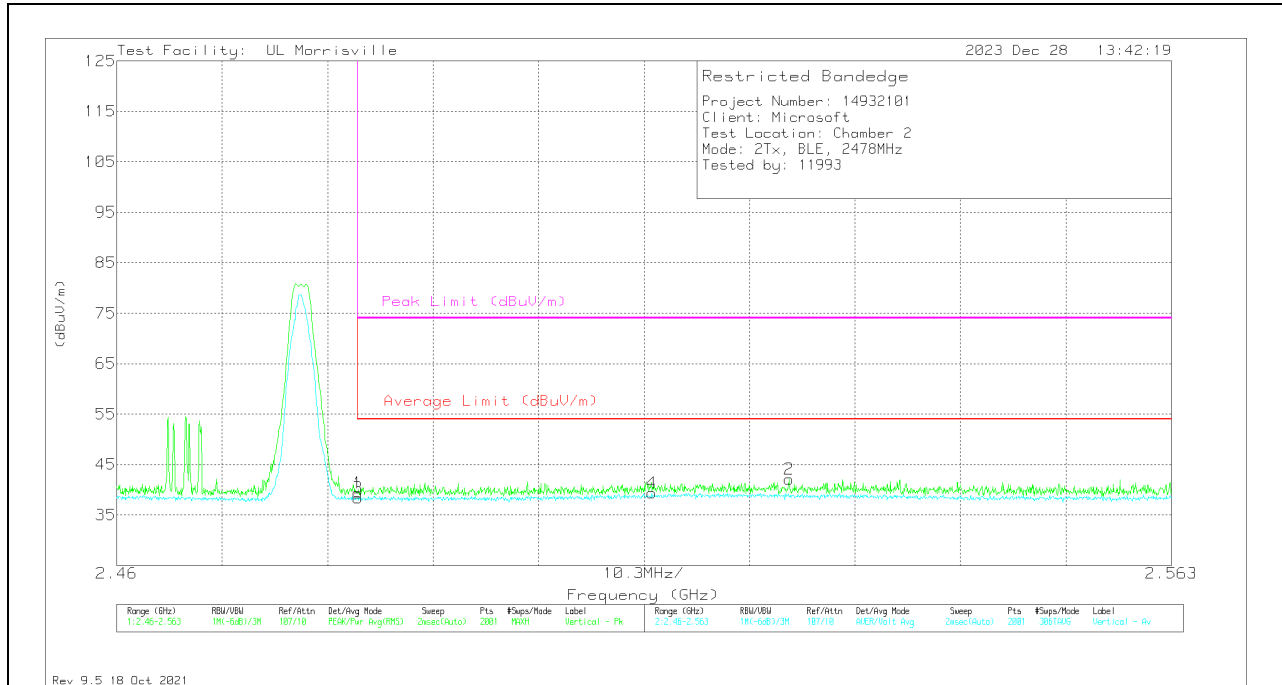
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	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	31.36	Pk	32.5	-24.5	0	39.36	-	-	74	-34.64	231	383	V
2	** 2.52566	34.42	Pk	32.5	-24.8	0	42.12	-	-	74	-31.88	231	383	V
3	* ** 2.48354	20.59	ADV	32.5	-24.5	9.74	38.33	54	-15.67	-	-	231	383	V
4	** 2.51227	21.67	ADV	32.5	-24.6	9.74	39.31	54	-14.69	-	-	231	383	V

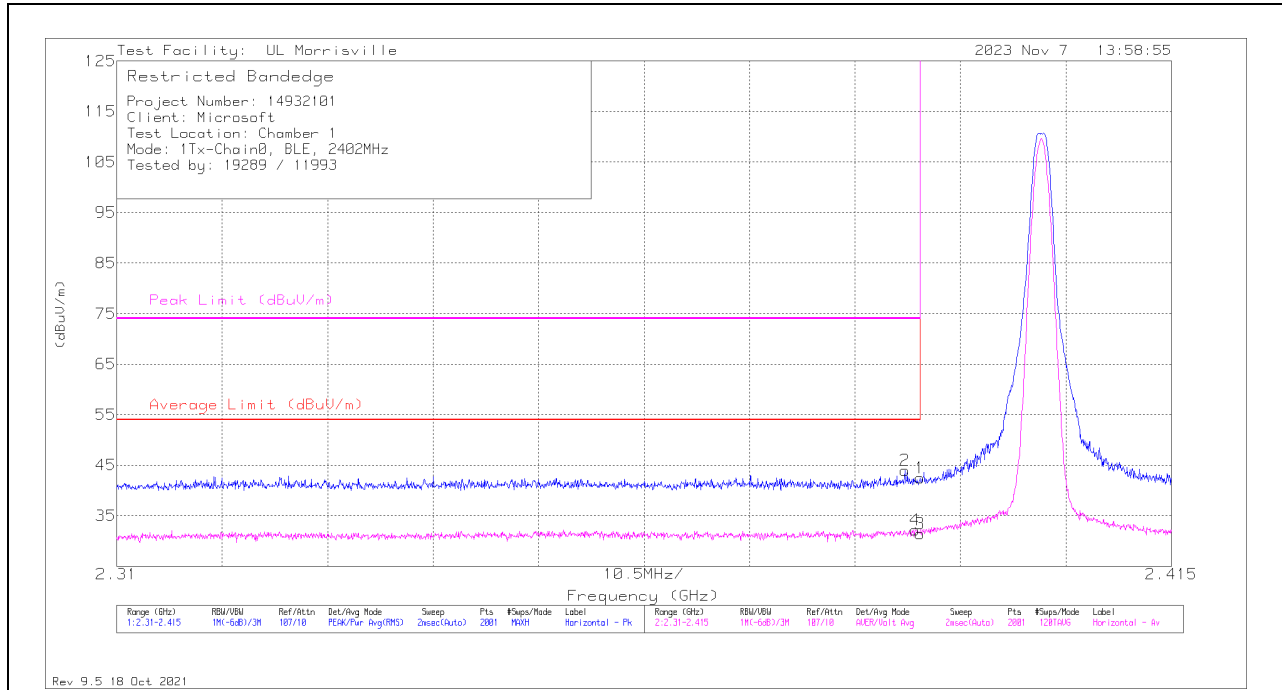
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 ADV - Linear Voltage Average

10.2.3. BLE (125Kbps)

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** * 2.38996	34.54	Pk	32.1	-24.2	0	42.44	-	-	74	-31.56	23	373	H
2	** * 2.38849	36.01	Pk	32.1	-24.2	0	43.91	-	-	74	-30.09	23	373	H
3	** * 2.38996	21.9	ADV	32.1	-24.2	1.64	31.44	54	-22.56	-	-	23	373	H
4	** * 2.38949	22.64	ADV	32.1	-24.2	1.64	32.18	54	-21.82	-	-	23	373	H

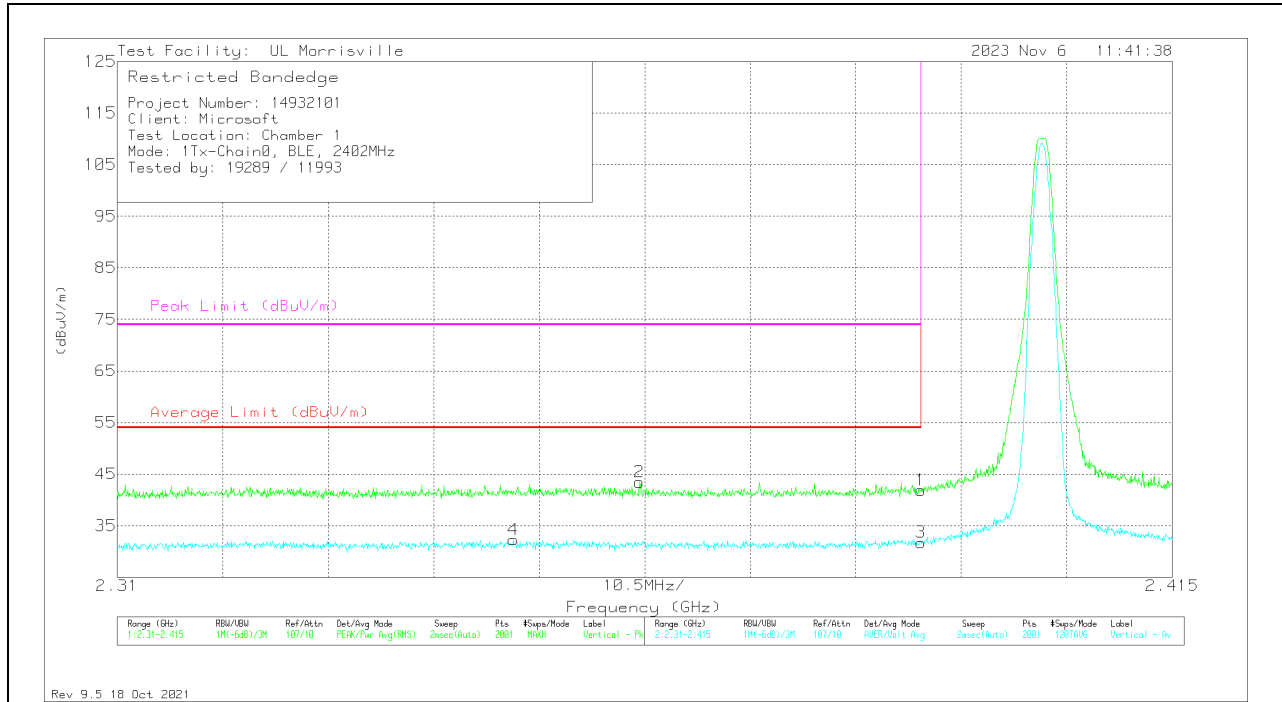
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

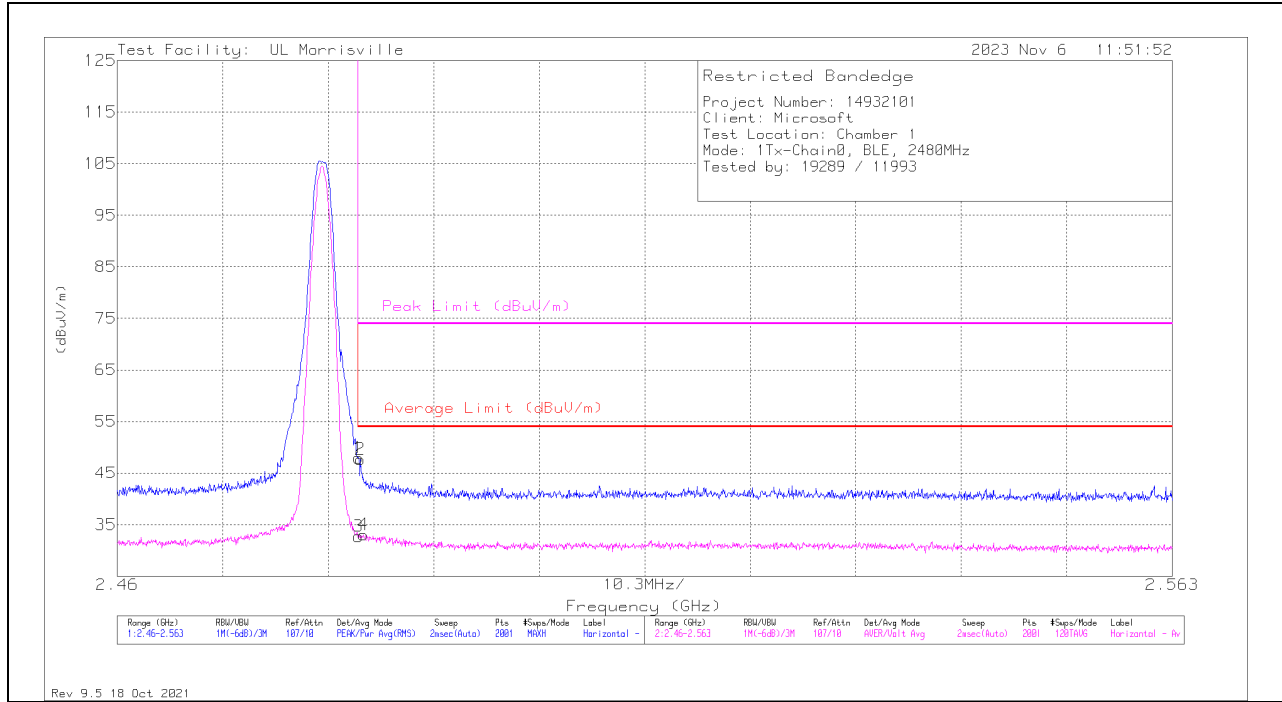


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.97	Pk	32.1	-24.2	0	41.87	-	-	74	-32.13	7	368	V
2	*** 2.36198	35.45	Pk	32	-24	0	43.45	-	-	74	-30.55	7	368	V
3	*** 2.38996	22.2	ADV	32.1	-24.2	1.64	31.74	54	-22.26	-	-	7	368	V
4	*** 2.34943	22.62	ADV	32	-24	1.64	32.26	54	-21.74	-	-	7	368	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	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	40.17	Pk	32.3	-24.5	0	47.97	-	-	74	-26.03	16	384	H
2	*** 2.48374	39.88	Pk	32.3	-24.5	0	47.68	-	-	74	-26.32	16	384	H
3	*** 2.48354	23.3	ADV	32.3	-24.5	1.64	32.74	54	-21.26	-	-	16	384	H
4	*** 2.48405	23.62	ADV	32.3	-24.5	1.64	33.06	54	-20.94	-	-	16	384	H

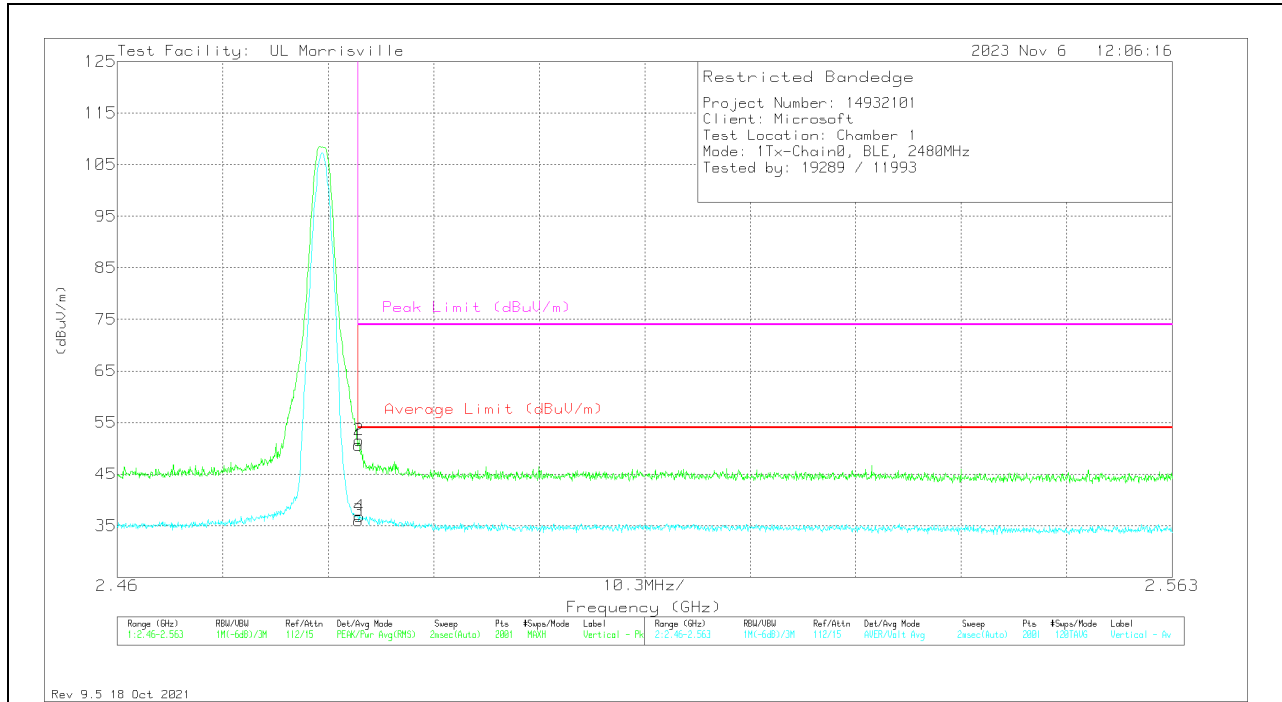
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	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	42.84	Pk	32.3	-24.5	0	50.64	-	-	74	-23.36	1	385	V
2	*** 2.48359	43.79	Pk	32.3	-24.5	0	51.59	-	-	74	-22.41	1	385	V
3	*** 2.48354	26.51	ADV	32.3	-24.5	1.64	35.95	54	-18.05	-	-	1	385	V
4	*** 2.48364	27.38	ADV	32.3	-24.5	1.64	36.82	54	-17.18	-	-	1	385	V

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

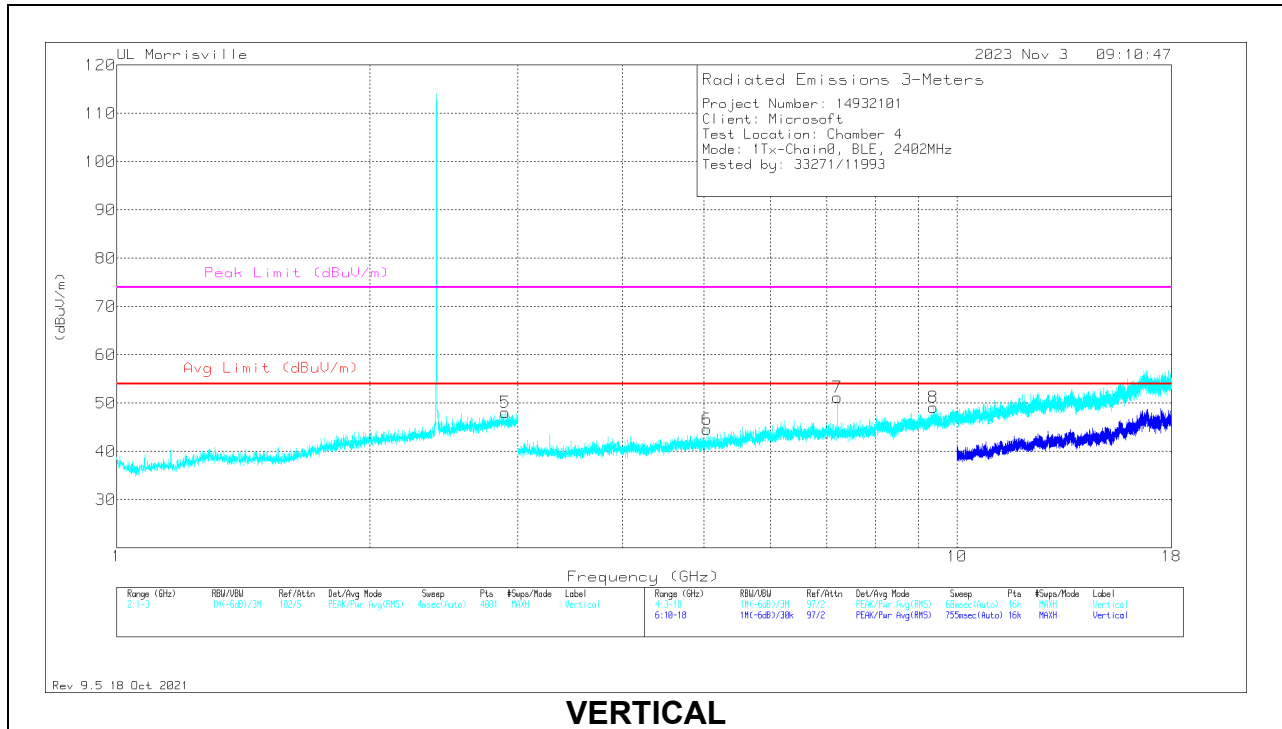
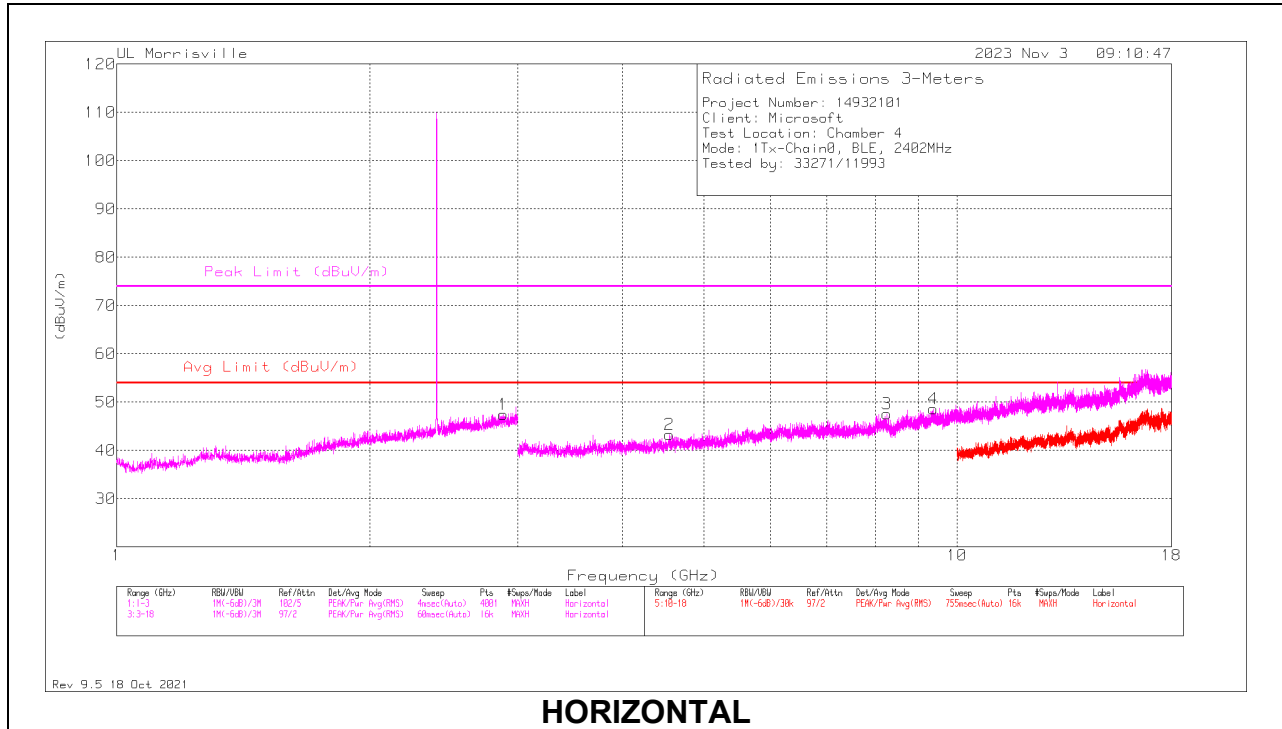
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8845	27.19	Pk	32.4	-12.1	0	47.49	54	-6.51	74	-26.51	0-360	100	H
5	*** 2.89896	28.78	PK2	32.5	-12	0	49.28	-	-	74	-24.72	37	176	V
	*** 2.8976	15.98	ADV	32.5	-12	1.64	38.12	54	-15.88	-	-	37	176	V
2	*** 4.54594	41.11	Pk	33.9	-31.7	0	43.31	54	-10.69	74	-30.69	0-360	100	H
3	*** 8.25656	38.65	Pk	35.8	-26.9	0	47.55	54	-6.45	74	-26.45	0-360	100	H
4	*** 9.37122	37.36	PK2	36.5	-25.1	0	48.76	-	-	74	-25.24	48	138	H
	*** 9.3734	24.69	ADV	36.5	-25	1.64	37.83	54	-16.17	-	-	48	138	H
6	*** 5.03813	42.18	Pk	34.1	-31.7	0	44.58	54	-9.42	74	-29.42	0-360	200	V
8	*** 9.36618	36.79	PK2	36.5	-24.8	0	48.49	-	-	74	-25.51	75	381	V
	*** 9.36631	24.79	ADV	36.5	-24.9	1.64	38.03	54	-15.97	-	-	75	381	V
7	7.20563	43.65	Pk	35.6	-28	0	51.25	-	-	-	-	0-360	200	V

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

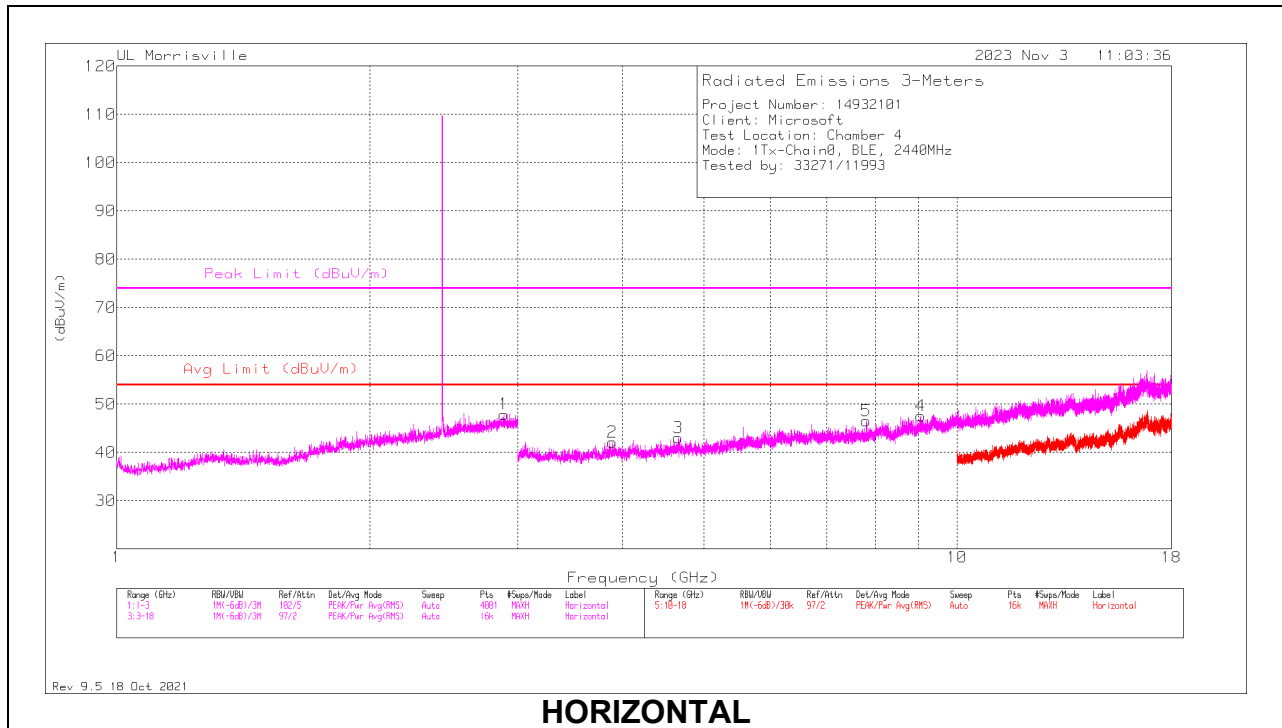
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

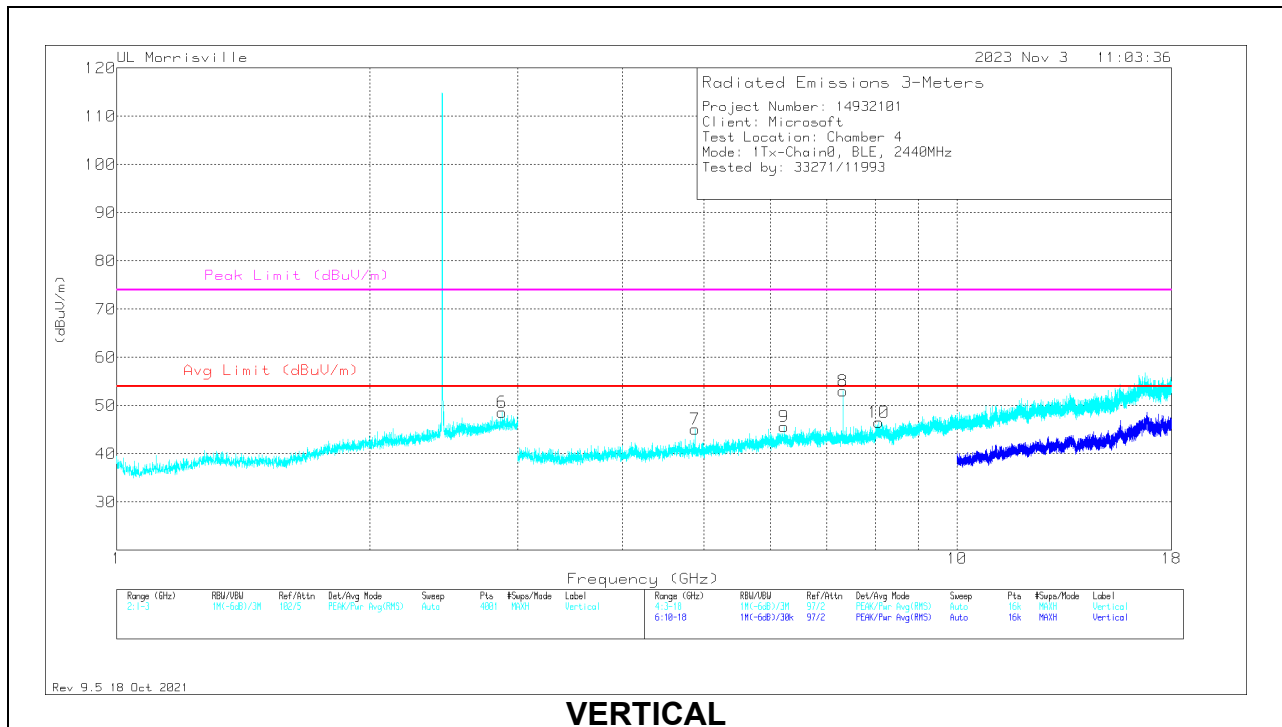
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8905	27.51	Pk	32.5	-12.1	0	47.91	54	-6.09	74	-26.09	0-360	100	H
6	*** 2.87632	28.18	PK2	32.4	-12	0	48.58	-	-	74	-25.42	331	242	V
	*** 2.87669	15.65	ADV	32.4	-12	1.64	37.69	54	-16.31	-	-	331	242	V
2	*** 3.88781	41.52	Pk	33.3	-32.7	0	42.12	54	-11.88	74	-31.88	0-360	100	H
3	*** 4.66125	40.41	Pk	34.1	-31.5	0	43.01	54	-10.99	74	-30.99	0-360	100	H
4	*** 9.05438	35.94	Pk	36.2	-24.5	0	47.64	54	-6.36	74	-26.36	0-360	100	H
7	*** 4.88063	42.56	Pk	34	-31.4	0	45.16	54	-8.84	74	-28.84	0-360	200	V
8	*** 7.32064	48.49	PK2	35.6	-28.1	0	55.99	-	-	74	-18.01	40	201	V
	*** 7.32056	40.33	ADV	35.6	-28.1	1.64	49.47	54	-4.53	-	-	40	201	V
10	*** 8.07375	37.73	Pk	35.8	-27	0	46.53	54	-7.47	74	-27.47	0-360	200	V
9	6.22781	38.13	Pk	35.4	-27.9	0	45.63	-	-	-	-	0-360	200	V
5	7.80094	38.57	Pk	35.8	-27.8	0	46.57	-	-	-	-	0-360	100	H

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

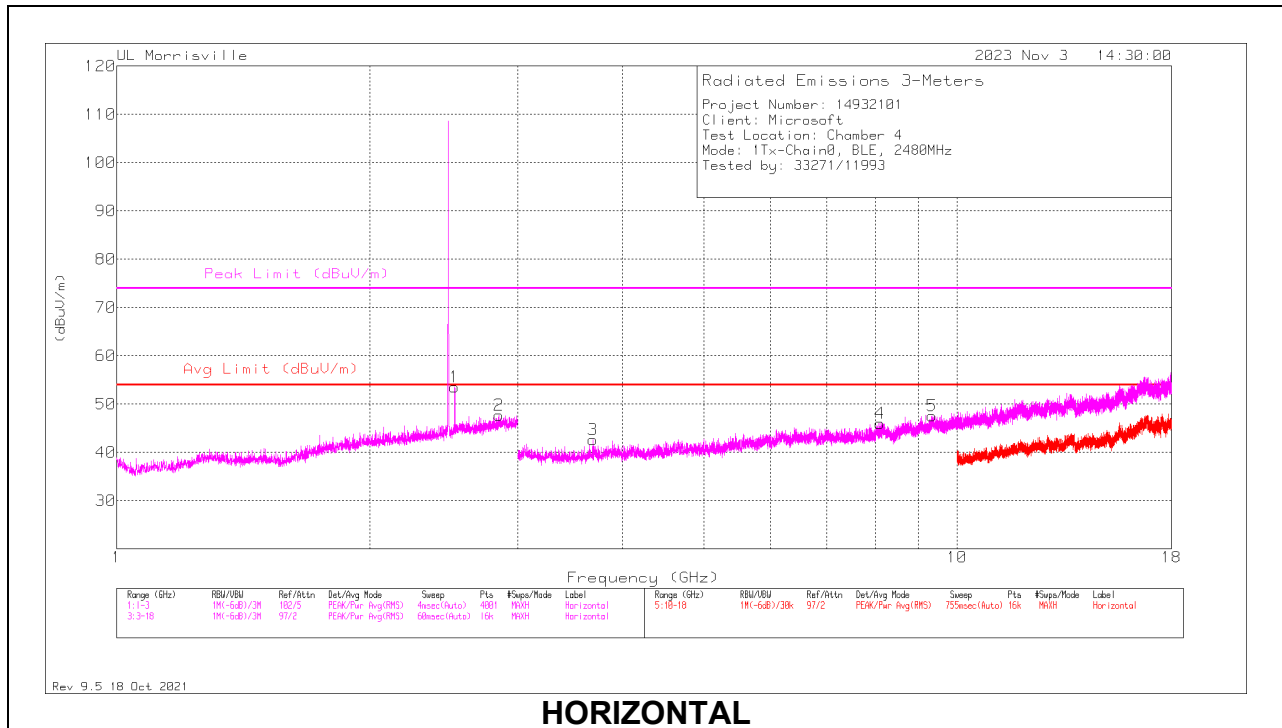
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

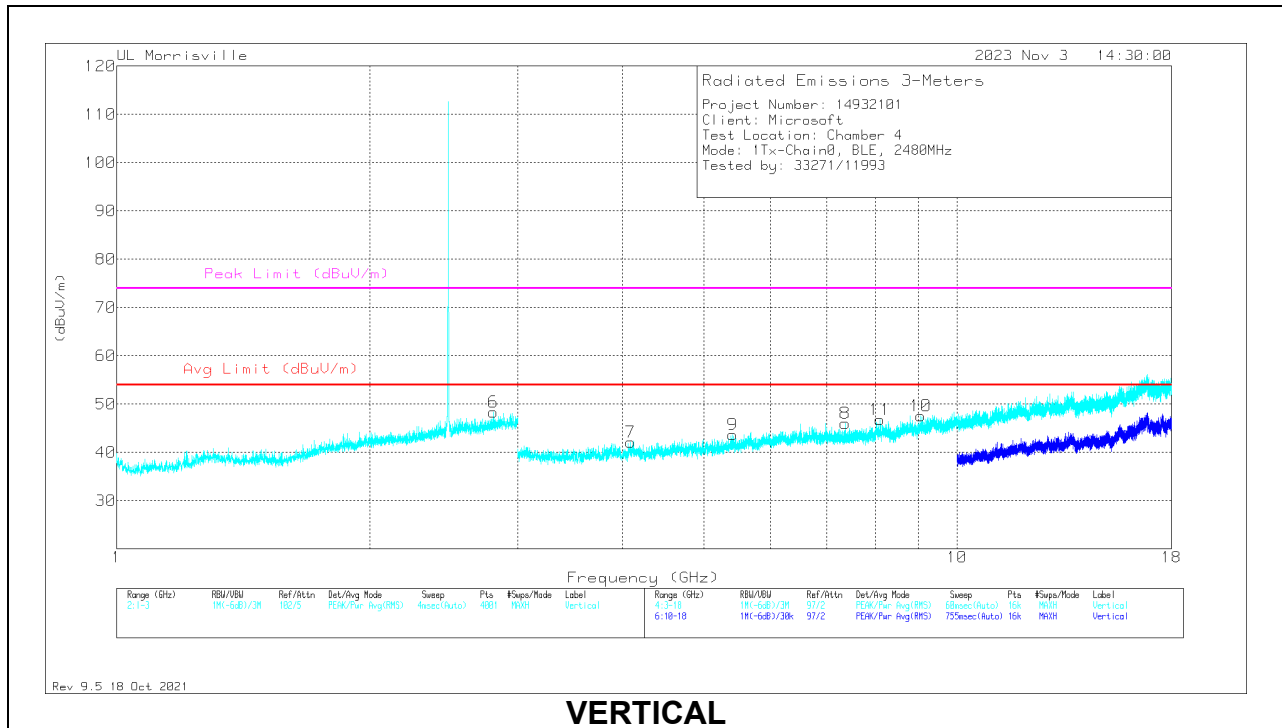
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

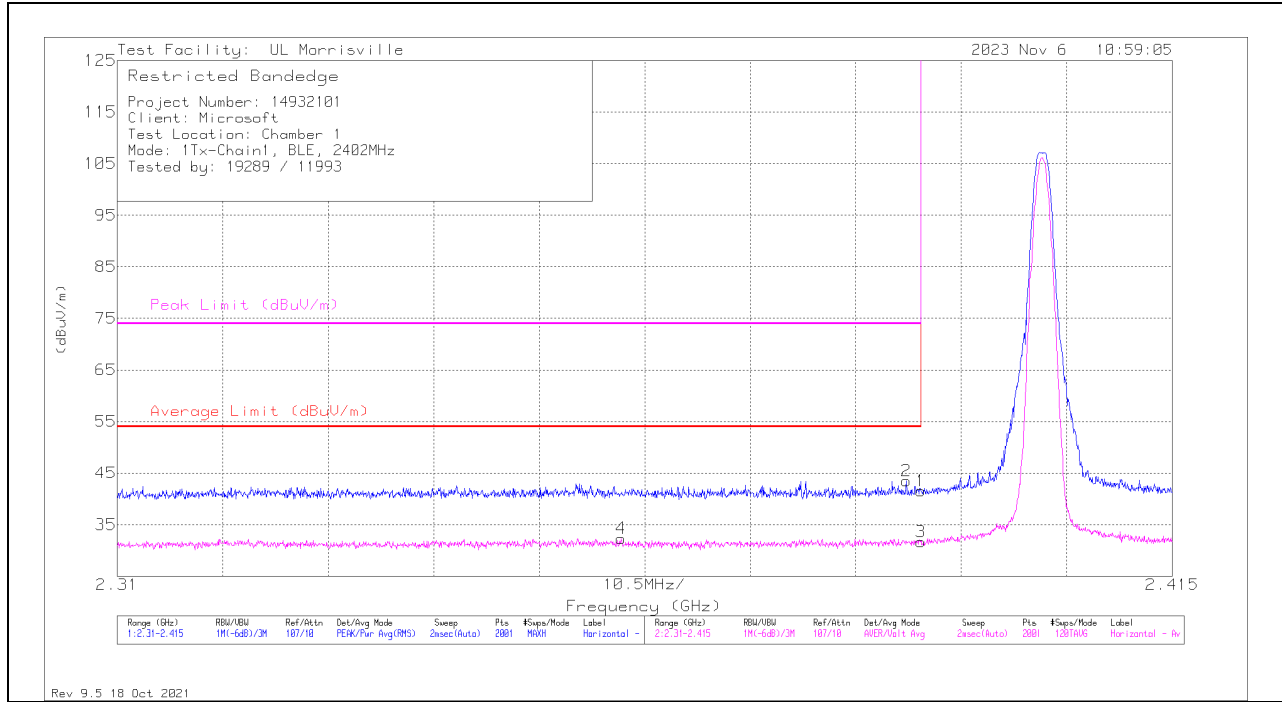
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2.52243	37.13	PK2	32.4	-13	0	56.53	-	-	74	-17.47	11	103	H
	** 2.52468	15.49	ADV	32.4	-13	1.64	36.53	54	-17.47	-	-	11	103	H
2	*** 2.852	27.69	Pk	32.4	-12.4	0	47.69	54	-6.31	74	-26.31	0-360	100	H
3	*** 3.69094	42.7	Pk	33.1	-33.2	0	42.6	54	-11.4	74	-31.4	0-360	100	H
4	*** 8.09344	37.58	Pk	35.8	-27.3	0	46.08	54	-7.92	74	-27.92	0-360	100	H
5	*** 9.33656	35.88	Pk	36.5	-24.8	0	47.58	54	-6.42	74	-26.42	0-360	100	H
6	*** 2.8074	28.12	PK2	32.5	-12.4	0	48.22	-	-	74	-25.78	134	138	V
	*** 2.80789	15.38	ADV	32.5	-12.5	1.64	37.02	54	-16.98	-	-	134	138	V
7	*** 4.09125	41.24	Pk	33.4	-32.5	0	42.14	54	-11.86	74	-31.86	0-360	200	V
8	*** 7.36219	38.53	Pk	35.5	-28	0	46.03	54	-7.97	74	-27.97	0-360	200	V
9	*** 5.41313	39.26	Pk	34.6	-30.2	0	43.66	54	-10.34	74	-30.34	0-360	200	V
10	*** 9.0525	35.93	Pk	36.2	-24.6	0	47.53	54	-6.47	74	-26.47	0-360	200	V
11	*** 8.09906	38.42	Pk	35.8	-27.4	0	46.82	54	-7.18	74	-27.18	0-360	200	V

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

CHAIN 1

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	33.62	Pk	32.1	-24.2	0	41.52	-	-	74	-32.48	20	372	H
2	*** 2.38854	35.58	Pk	32.1	-24.2	0	43.48	-	-	74	-30.52	20	372	H
3	*** 2.38996	22.14	ADV	32.1	-24.2	1.64	31.68	54	-22.32	-	-	20	372	H
4	*** 2.36014	22.67	ADV	32	-24	1.64	32.31	54	-21.69	-	-	20	372	H

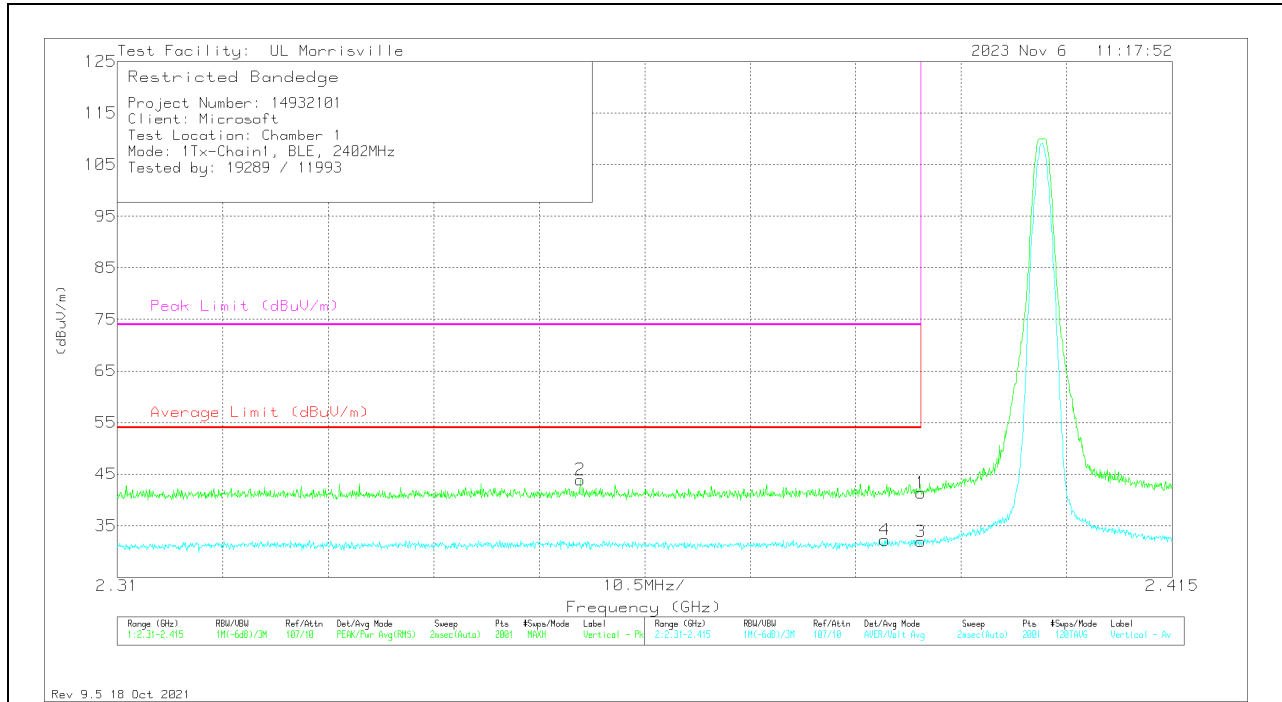
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

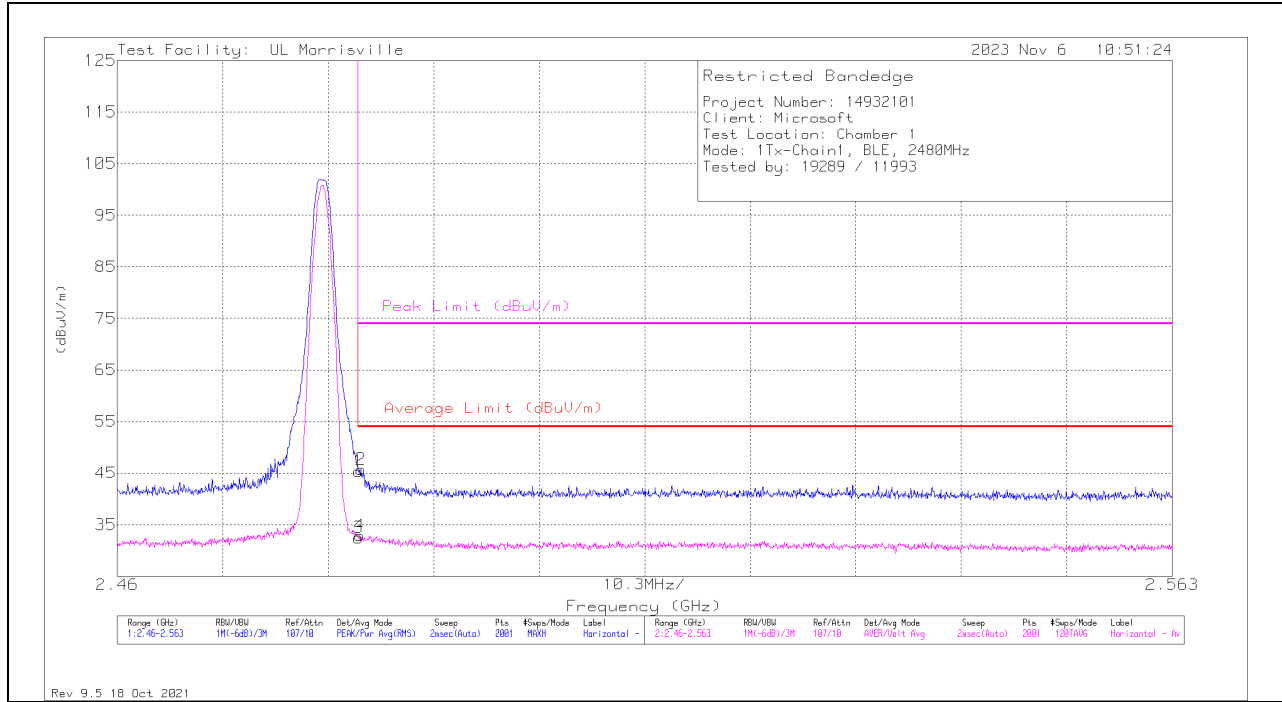


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.48	Pk	32.1	-24.2	0	41.38	-	-	74	-32.62	5	367	V
2	*** 2.3561	35.79	Pk	32	-23.9	0	43.89	-	-	74	-30.11	5	367	V
3	*** 2.38996	22.36	ADV	32.1	-24.2	1.64	31.9	54	-22.1	-	-	5	367	V
4	*** 2.38639	22.71	ADV	32.1	-24.2	1.64	32.25	54	-21.75	-	-	5	367	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	206211 (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	37.55	Pk	32.3	-24.5	0	45.35	-	-	74	-28.65	268	343	H
2	*** 2.48379	37.91	Pk	32.3	-24.5	0	45.71	-	-	74	-28.29	268	343	H
3	*** 2.48354	23.05	ADV	32.3	-24.5	1.64	32.49	54	-21.51	-	-	268	343	H
4	*** 2.48369	23.46	ADV	32.3	-24.5	1.64	32.9	54	-21.1	-	-	268	343	H

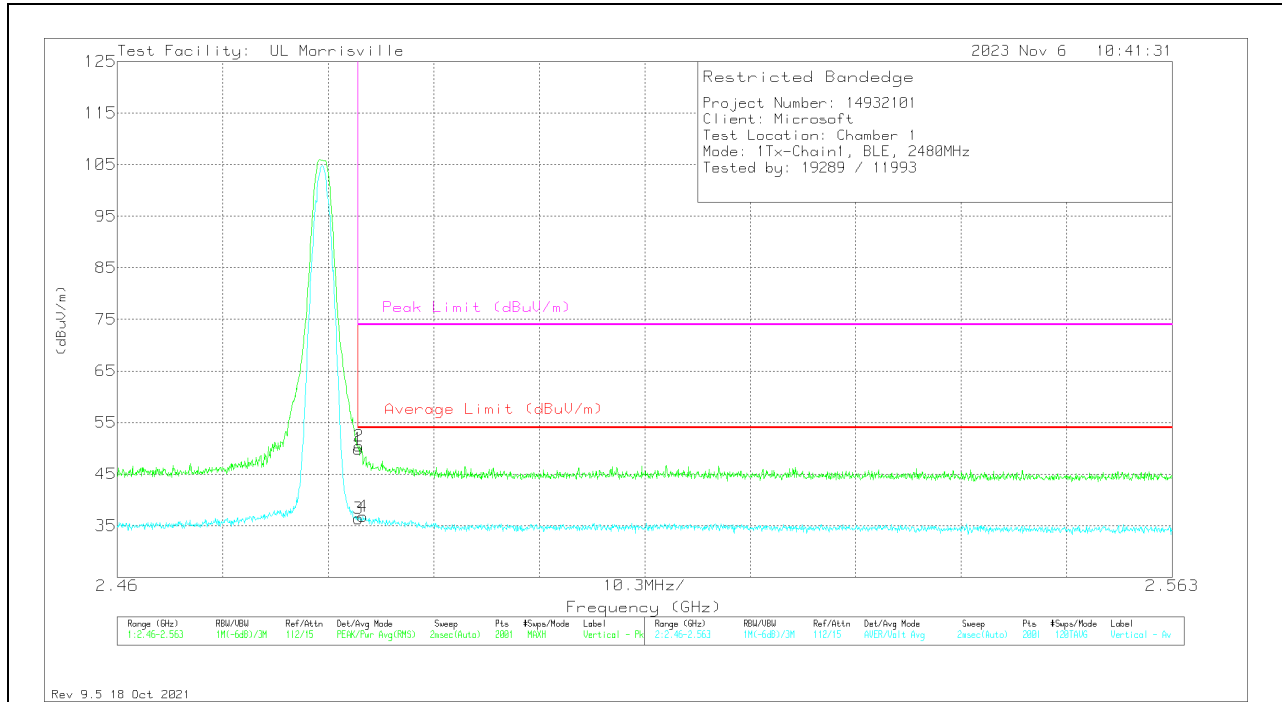
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

ADV - Linear Voltage Average

VERTICAL RESULT

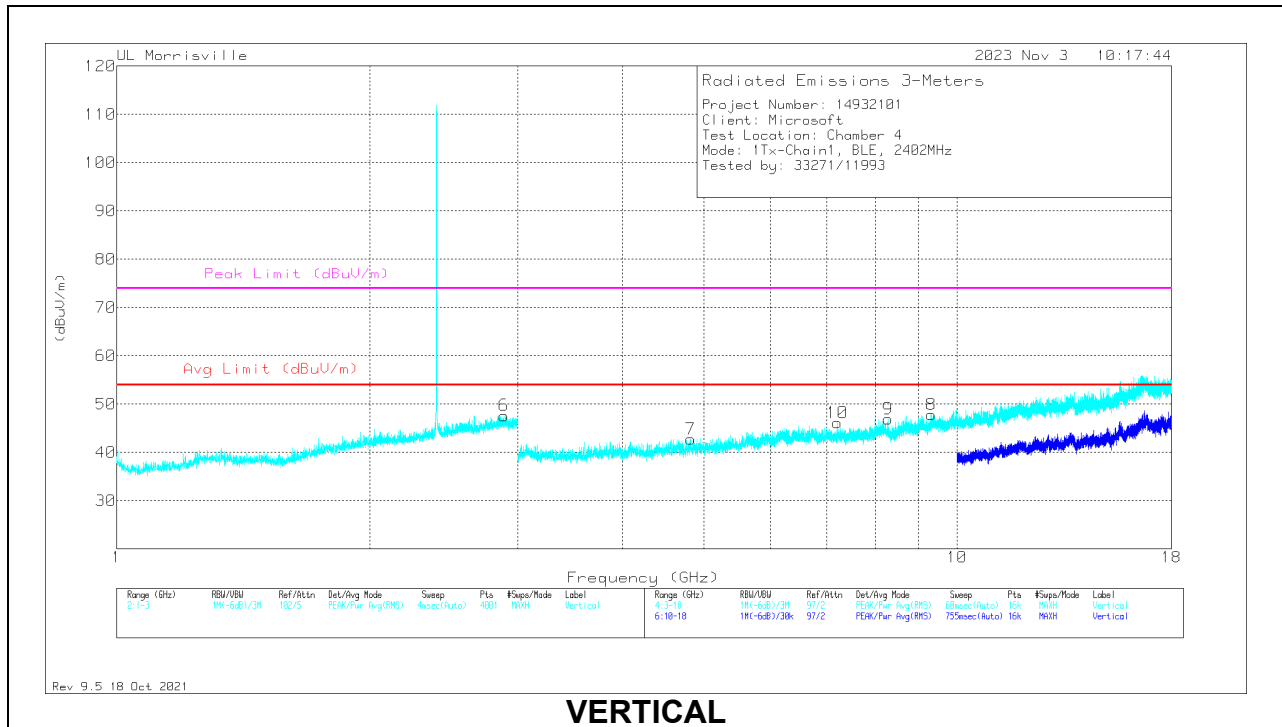
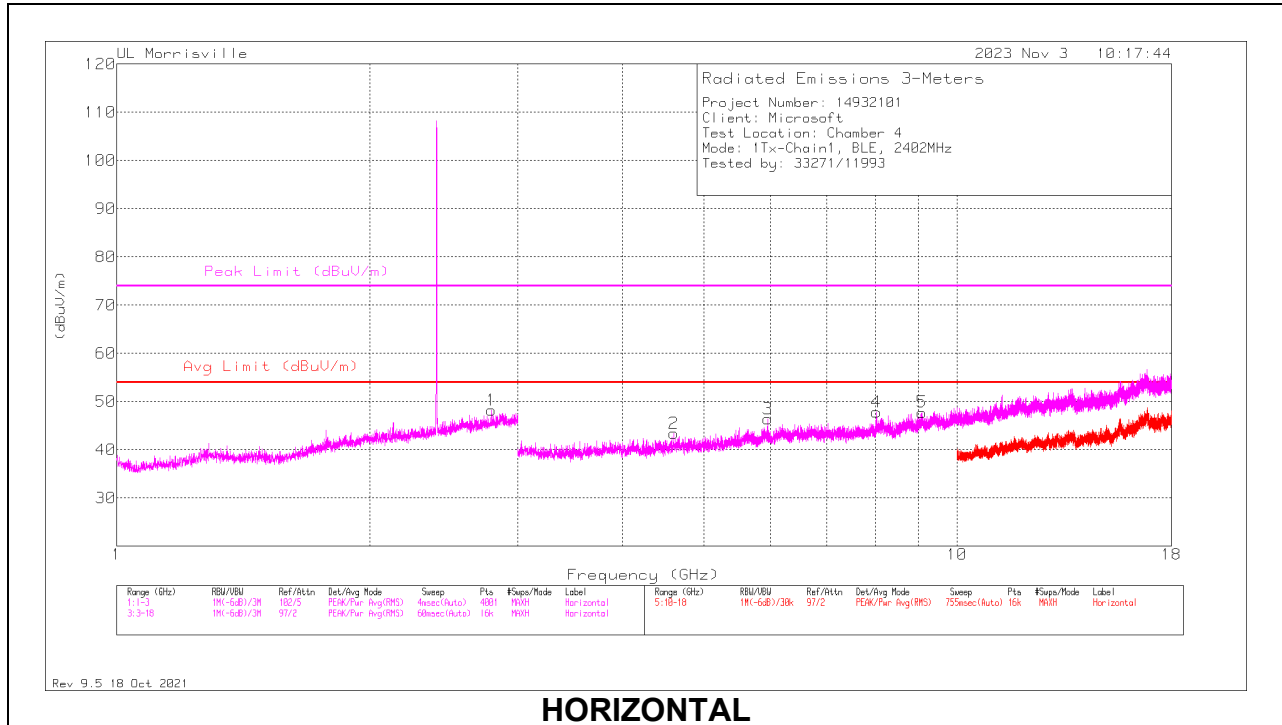


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	42.07	Pk	32.3	-24.5	0	49.87	-	-	74	-24.13	312	302	V
2	*** 2.48359	42.61	Pk	32.3	-24.5	0	50.41	-	-	74	-23.59	312	302	V
3	*** 2.48354	26.96	ADV	32.3	-24.5	1.64	36.4	54	-17.6	-	-	312	302	V
4	*** 2.484	27.35	ADV	32.3	-24.5	1.64	36.79	54	-17.21	-	-	312	302	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	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.78953	28.96	PK2	32.6	-12.4	0	49.16	-	-	74	-24.84	357	389	H
	*** 2.79075	15.69	ADV	32.6	-12.4	1.64	37.53	54	-16.47	-	-	357	389	H
6	*** 2.888	27.25	Pk	32.5	-12.1	0	47.65	54	-6.35	74	-26.35	0-360	200	V
2	*** 4.60219	41.13	Pk	34.1	-31.8	0	43.43	54	-10.57	74	-30.57	0-360	100	H
5	*** 9.07875	36.18	Pk	36.3	-24.7	0	47.78	54	-6.22	74	-26.22	0-360	100	H
7	*** 4.81875	40.3	Pk	34.1	-31.6	0	42.8	54	-11.2	74	-31.2	0-360	200	V
8	*** 9.32344	36.38	Pk	36.4	-24.9	0	47.88	54	-6.12	74	-26.12	0-360	200	V
9	*** 8.28281	37.59	Pk	35.8	-26.5	0	46.89	54	-7.11	74	-27.11	0-360	200	V
3	5.95031	40.21	Pk	35	-28.8	0	46.41	-	-	-	-	0-360	100	H
10	7.20656	38.51	Pk	35.6	-28	0	46.11	-	-	-	-	0-360	200	V
4	8.02219	39.19	Pk	35.8	-27.2	0	47.79	-	-	-	-	0-360	100	H

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

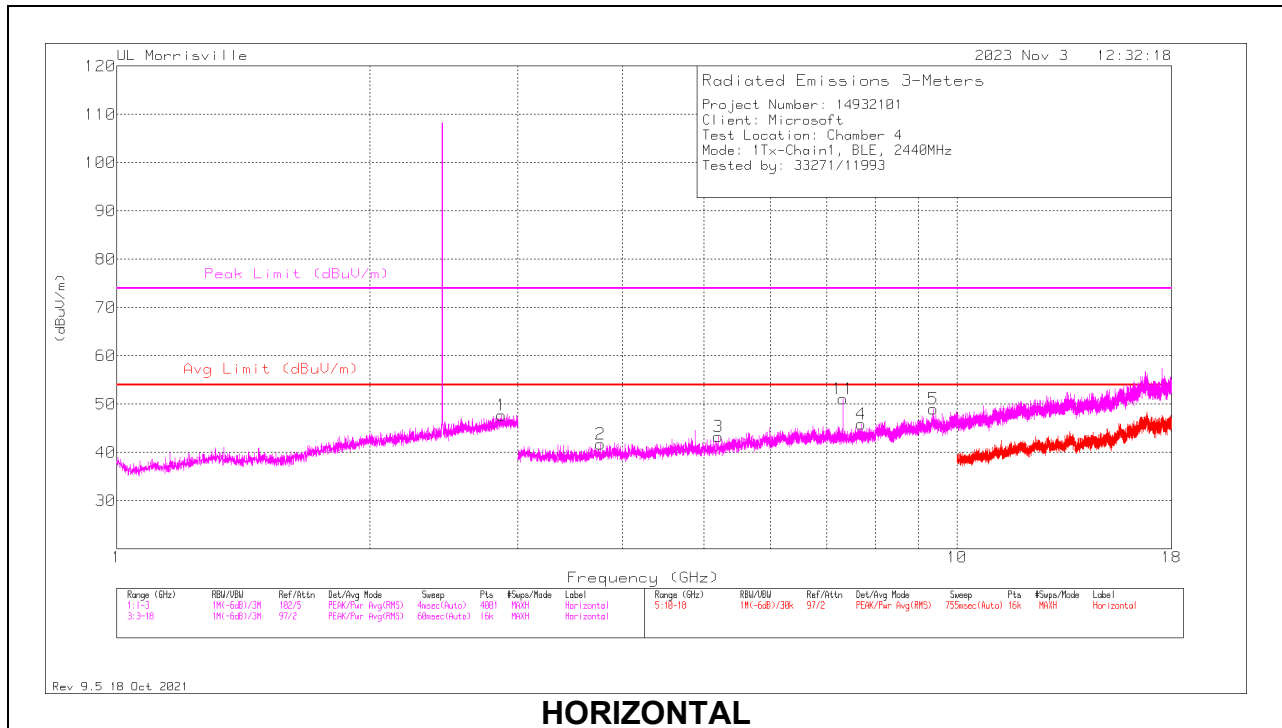
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

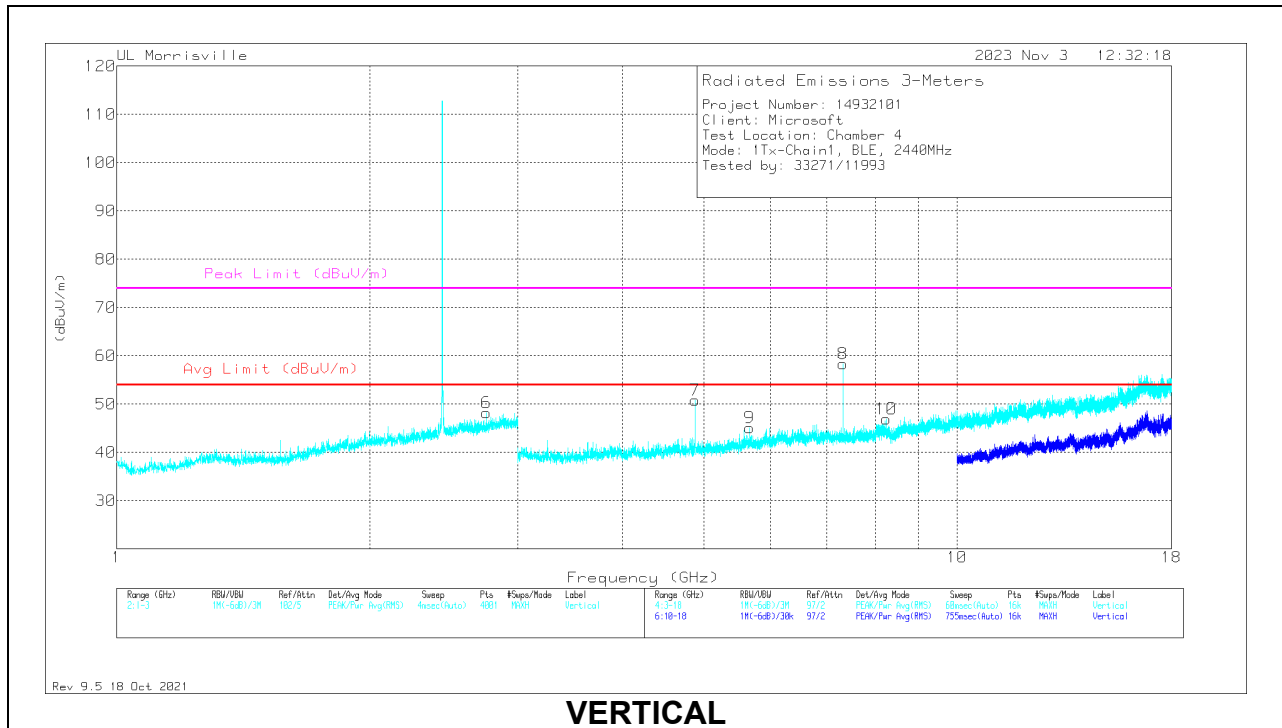
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



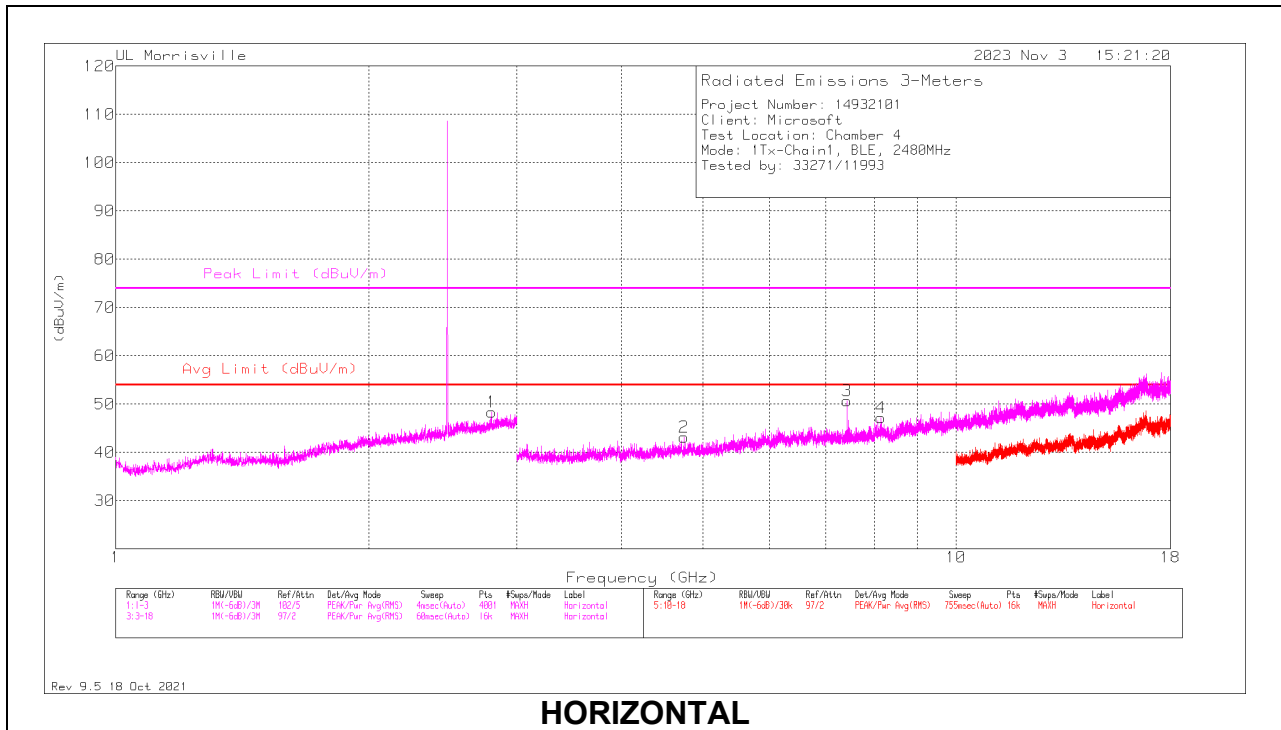
VERTICAL

RADIATED EMISSIONS

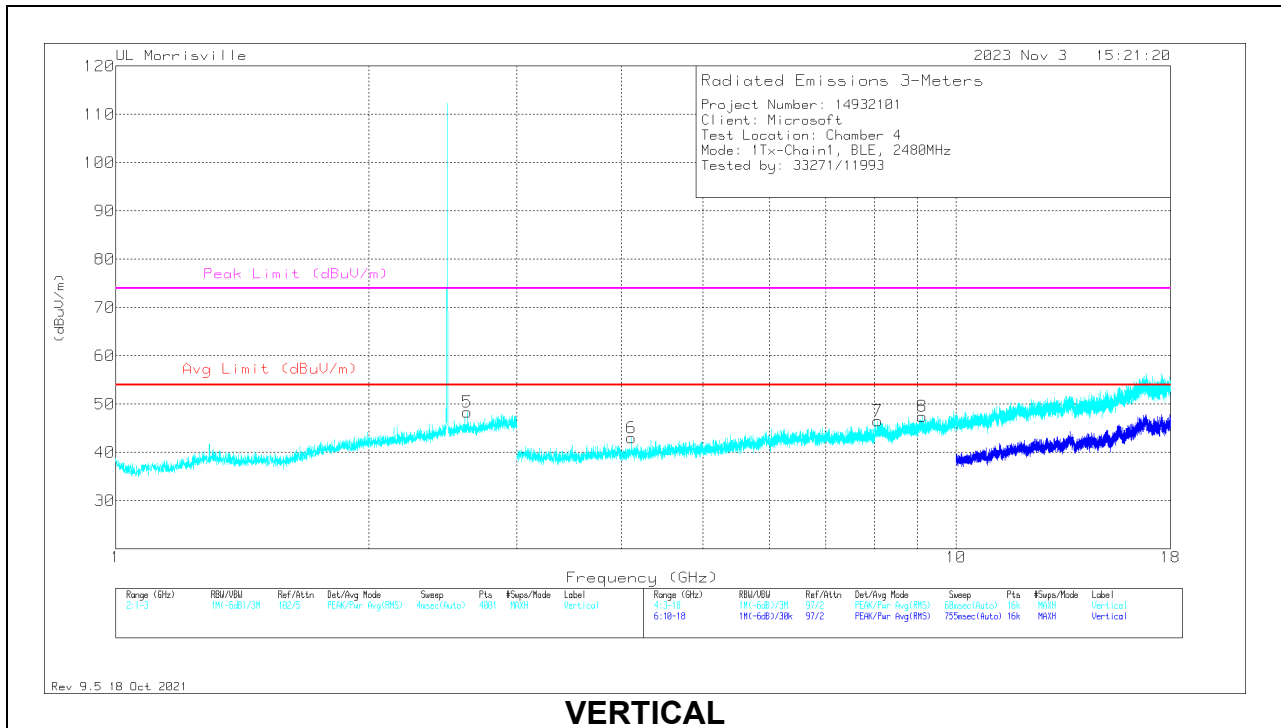
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.869	27.44	Pk	32.4	-12.1	0	47.74	54	-6.26	74	-26.26	0-360	100	H
2	*** 3.76313	41.2	Pk	33.2	-32.7	0	41.7	54	-12.3	74	-32.3	0-360	100	H
3	** 5.20219	39.97	Pk	34.2	-30.9	0	43.27	54	-10.73	74	-30.73	0-360	100	H
4	*** 7.69313	37.65	Pk	35.7	-27.5	0	45.85	54	-8.15	74	-28.15	0-360	100	H
5	*** 9.36314	37.1	PK2	36.5	-24.7	0	48.9	-	-	74	-25.1	234	230	H
	*** 9.36492	24.42	ADV	36.5	-24.7	1.64	37.86	54	-16.14	-	-	234	230	H
6	*** 2.75299	27.88	PK2	32.5	-12.3	0	48.08	-	-	74	-25.92	171	351	V
	*** 2.75444	15.82	ADV	32.5	-12.3	1.64	37.66	54	-16.34	-	-	171	351	V
7	*** 4.88045	45.99	PK2	34	-31.4	0	48.59	-	-	74	-25.41	30	144	V
	*** 4.87974	36.64	ADV	34	-31.4	1.64	40.88	54	-13.12	-	-	30	144	V
8	*** 7.32069	50.29	PK2	35.6	-28.1	0	57.79	-	-	74	-16.21	356	206	V
	*** 7.32063	43.08	ADV	35.6	-28.1	1.64	52.22	54	-1.78	-	-	356	206	V
9	5.66531	40.03	Pk	34.7	-29.6	0	45.13	-	-	-	-	0-360	200	V
10	*** 8.23648	38.43	PK2	35.8	-26.8	0	47.43	-	-	74	-26.57	231	104	V
	*** 8.23662	25.71	ADV	35.8	-26.8	1.64	36.35	54	-17.65	-	-	231	104	V
11	*** 7.32066	46.82	PK2	35.6	-28.1	0	54.32	-	-	74	-19.68	56	140	H
	*** 7.31939	38.2	ADV	35.6	-28	1.64	47.44	54	-6.56	-	-	56	140	H

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

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.80303	28.9	PK2	32.6	-12.3	0	49.2	-	-	74	-24.8	325	107	H
	*** 2.80528	15.7	ADV	32.5	-12.3	1.64	37.54	54	-16.46	-	-	325	107	H
2	*** 4.74844	40.7	Pk	34	-31.5	0	43.2	54	-10.8	74	-30.8	0-360	100	H
3	*** 7.42326	41.26	PK2	35.6	-28.4	0	48.46	-	-	74	-25.54	347	133	H
	*** 7.42427	25.72	ADV	35.6	-28.4	1.64	34.56	54	-19.44	-	-	347	133	H
4	*** 8.13563	38.55	Pk	35.8	-27.1	0	47.25	54	-6.75	74	-26.75	0-360	100	H
5	** 2.61754	27.68	PK2	32.5	-12.6	0	47.58	-	-	74	-26.42	278	140	V
	** 2.62059	15.26	ADV	32.5	-12.5	1.64	36.9	54	-17.1	-	-	278	140	V
6	*** 4.10813	41.77	Pk	33.4	-32.1	0	43.07	54	-10.93	74	-30.93	0-360	200	V
7	*** 8.07375	37.76	Pk	35.8	-27	0	46.56	54	-7.44	74	-27.44	0-360	200	V
8	*** 9.11063	36.28	Pk	36.3	-25.1	0	47.48	54	-6.52	74	-26.52	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

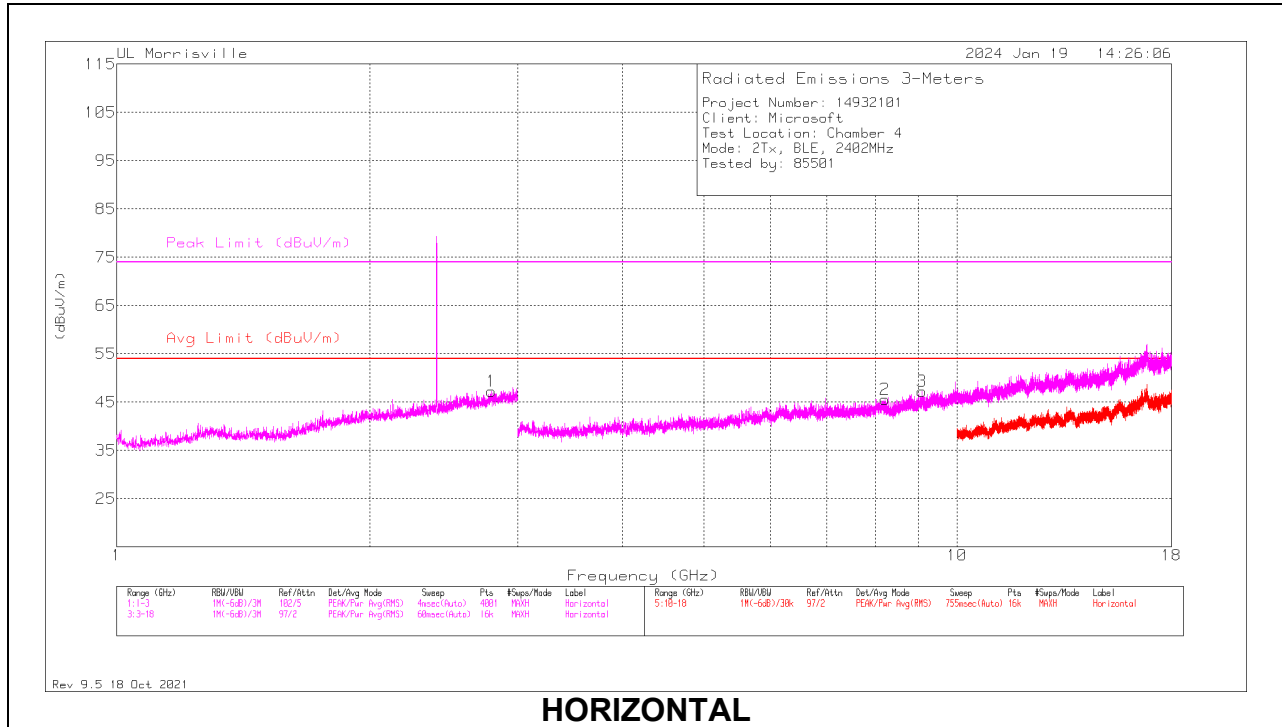
PK2 - Maximum Peak

ADV - Linear Voltage Average

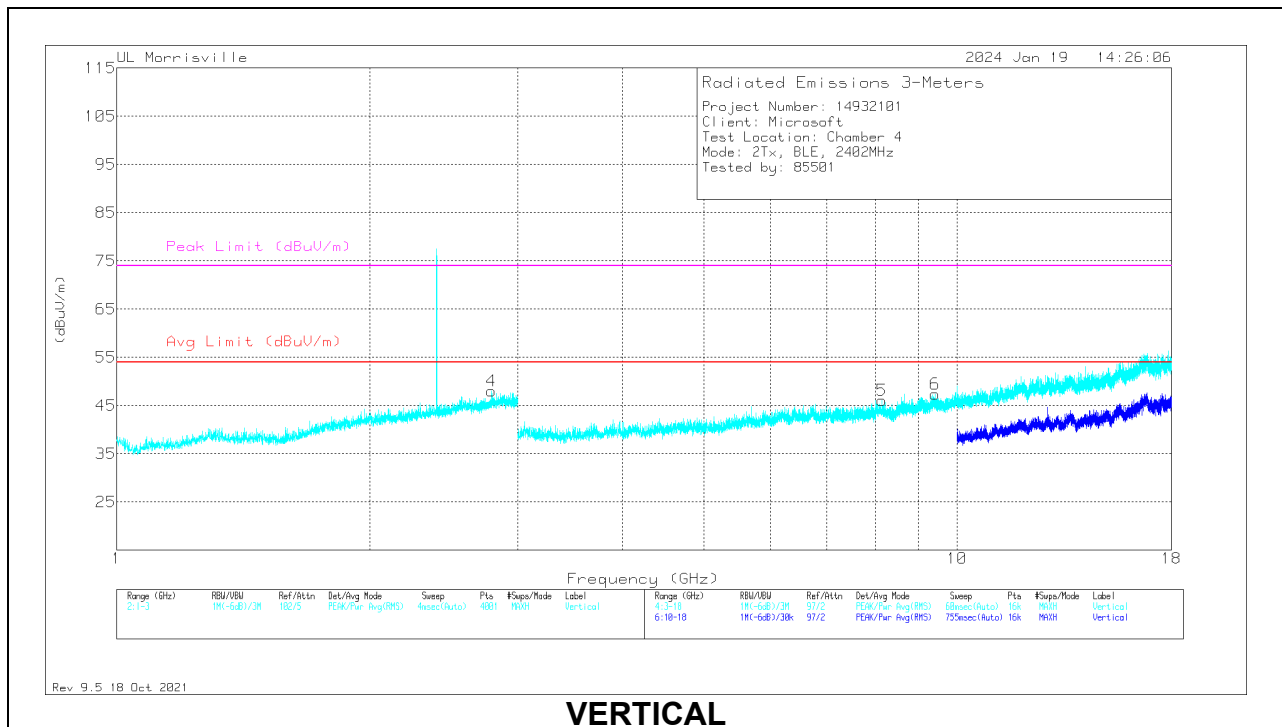
2Tx MIMO

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.7905	27.09	Pk	32.6	-12.4	0	47.29	54	-6.71	74	-26.71	0-360	100	H
4	*** 2.79321	28.29	PK2	32.6	-12.4	0	48.49	-	-	74	-25.51	296	117	V
	*** 2.79467	15.46	ADV	32.6	-12.3	1.64	37.4	54	-16.6	-	-	296	117	V
2	*** 8.20688	36.35	Pk	35.8	-26.6	0	45.55	54	-8.45	74	-28.45	0-360	100	H
3	*** 9.09281	35.57	Pk	36.3	-24.6	0	47.27	54	-6.73	74	-26.73	0-360	100	H
5	*** 8.14594	37.54	Pk	35.8	-27.3	0	46.04	54	-7.96	74	-27.96	0-360	200	V
6	*** 9.41625	36.24	Pk	36.6	-25.4	0	47.44	54	-6.56	74	-26.56	0-360	200	V

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

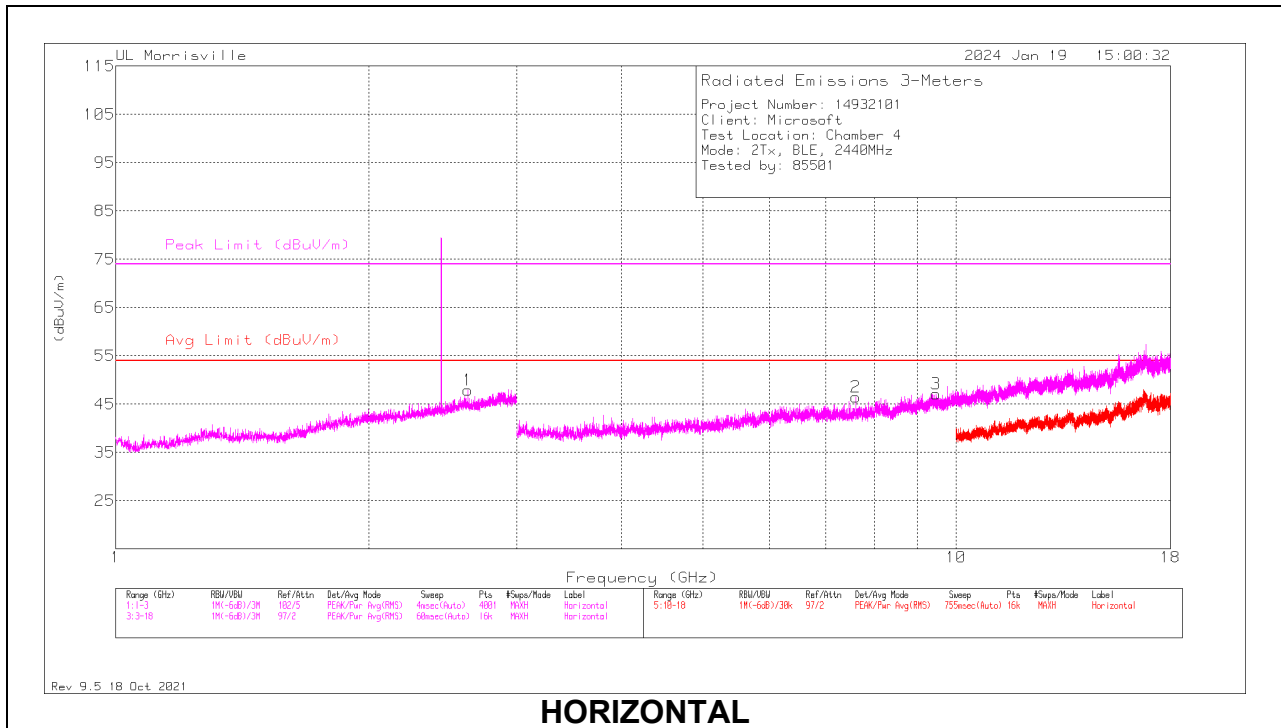
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

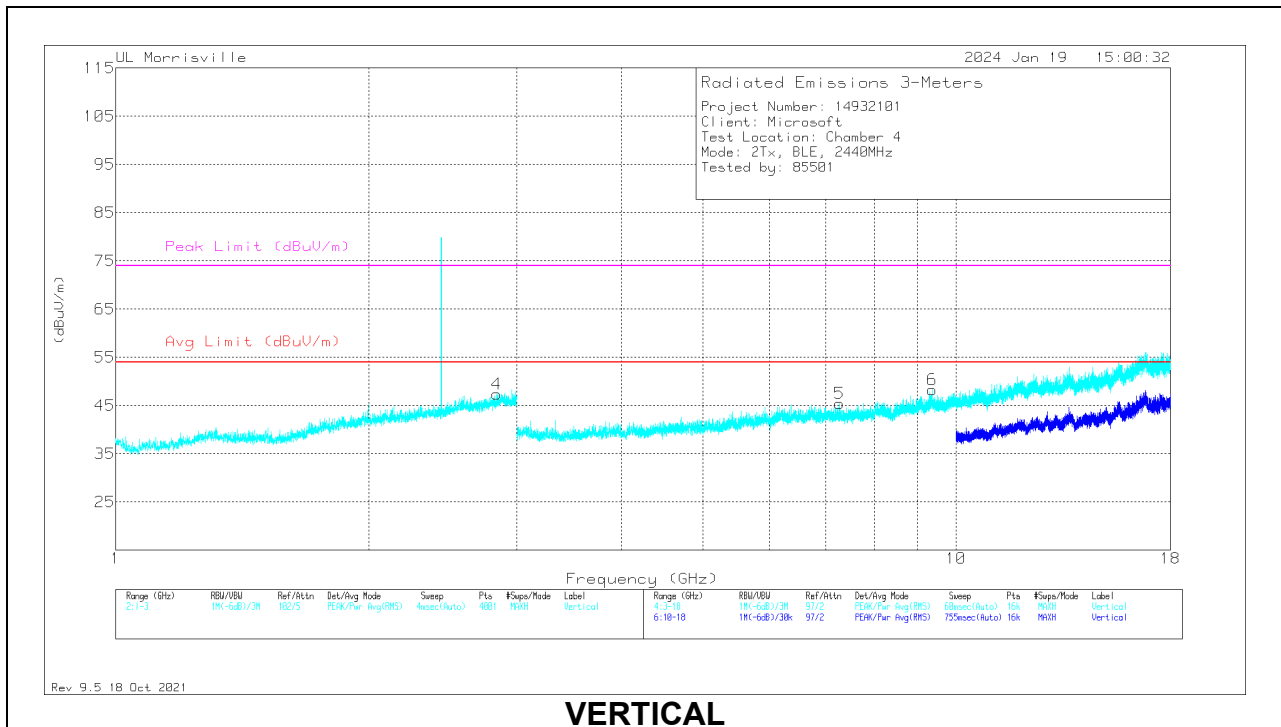
PK2 - Maximum Peak

ADV - Linear Voltage Average

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	** 2.624	27.9	Pk	32.5	-12.5	0	47.9	54	-6.1	74	-26.1	0-360	100	H
4	*** 2.8395	27.38	Pk	32.3	-12.3	0	47.38	54	-6.62	74	-26.62	0-360	200	V
2	*** 7.59469	38.45	Pk	35.7	-27.7	0	46.45	54	-7.55	74	-27.55	0-360	100	H
3	*** 9.47531	36.14	Pk	36.7	-25.7	0	47.14	54	-6.86	74	-26.86	0-360	100	H
5	*** 7.27313	37.59	Pk	35.6	-27.8	0	45.39	54	-8.61	74	-28.61	0-360	200	V
6	*** 9.37603	37.2	PK2	36.6	-25	0	48.8	-	-	74	-25.2	300	309	V
	*** 9.37521	24.55	ADV	36.6	-25	1.64	37.79	54	-16.21	-	-	300	309	V

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

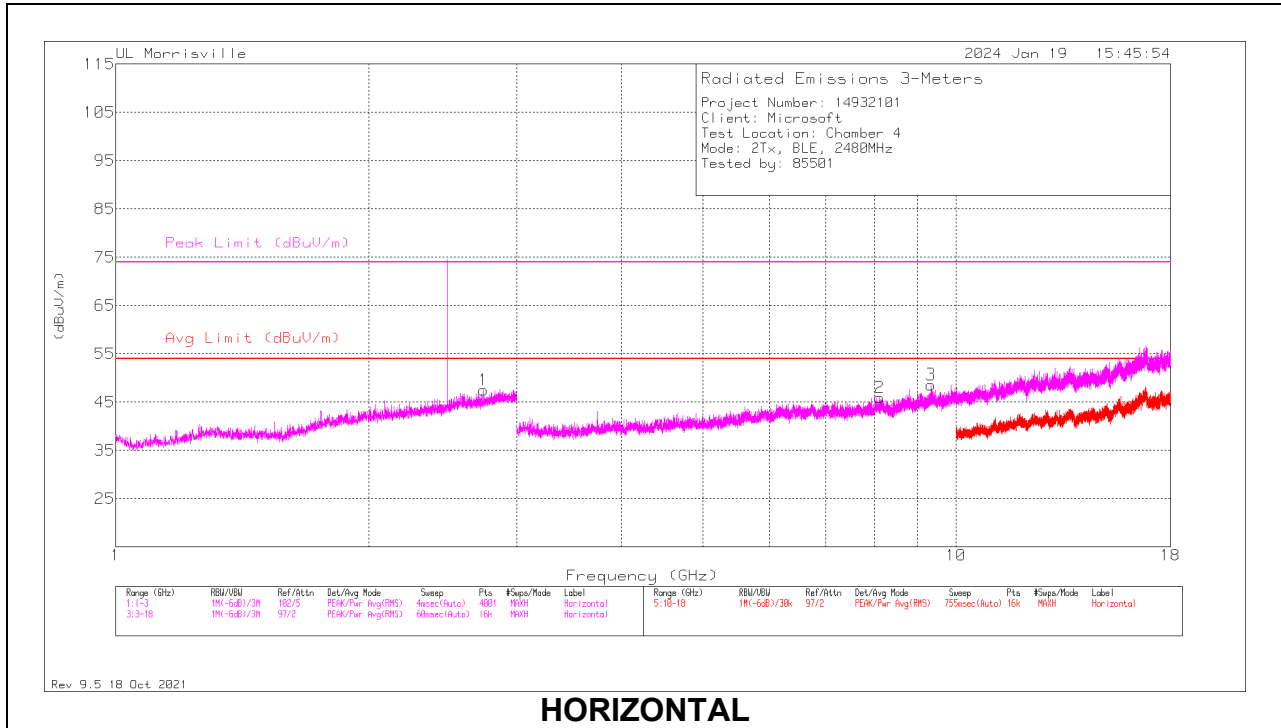
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

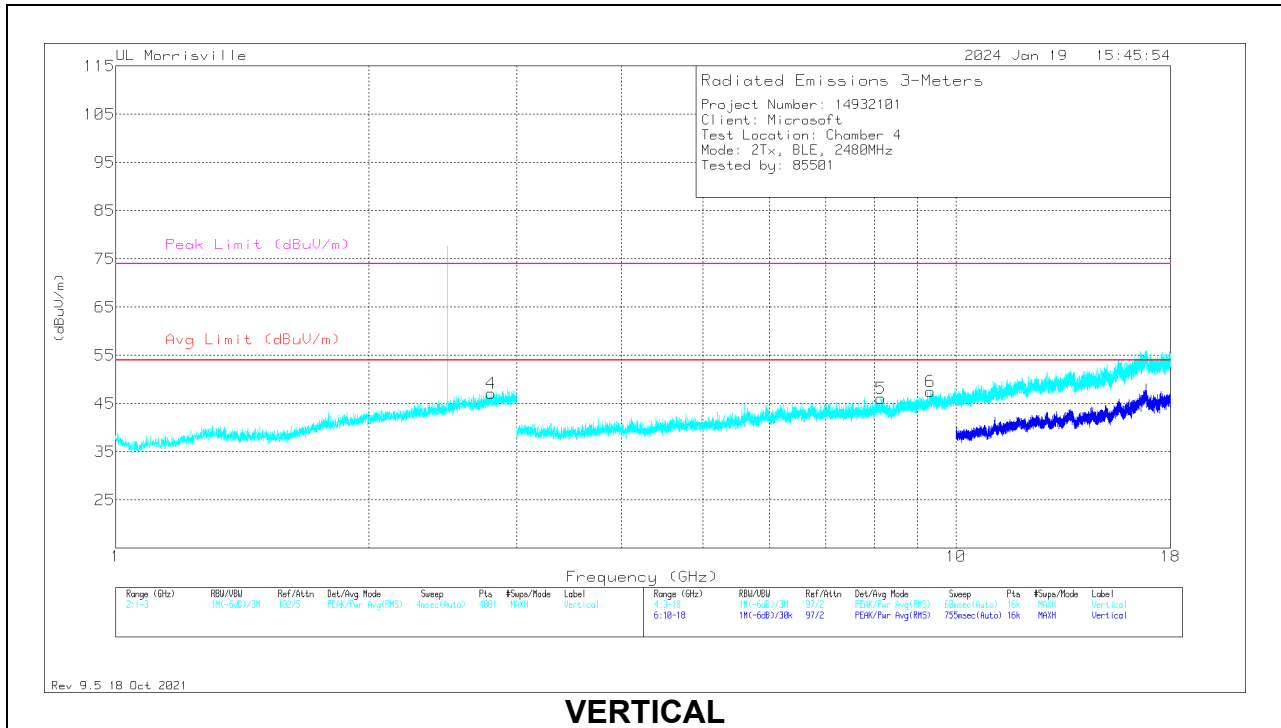
PK2 - Maximum Peak

ADV - Linear Voltage Average

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.7405	27.44	Pk	32.5	-12.4	0	47.54	54	-6.46	74	-26.46	0-360	100	H
4	*** 2.799	26.84	Pk	32.6	-12.3	0	47.14	54	-6.86	74	-26.86	0-360	200	V
2	*** 8.11688	37.56	Pk	35.8	-27.4	0	45.96	54	-8.04	74	-28.04	0-360	100	H
3	*** 9.33147	37.3	PK2	36.5	-24.8	0	49	-	-	74	-25	68	105	H
	*** 9.32998	24.5	ADV	36.5	-24.9	1.64	37.74	54	-16.26	-	-	68	105	H
5	*** 8.14219	37.48	Pk	35.8	-27.2	0	46.08	54	-7.92	74	-27.92	0-360	200	V
6	*** 9.3225	35.97	Pk	36.4	-24.9	0	47.47	54	-6.53	74	-26.53	0-360	200	V

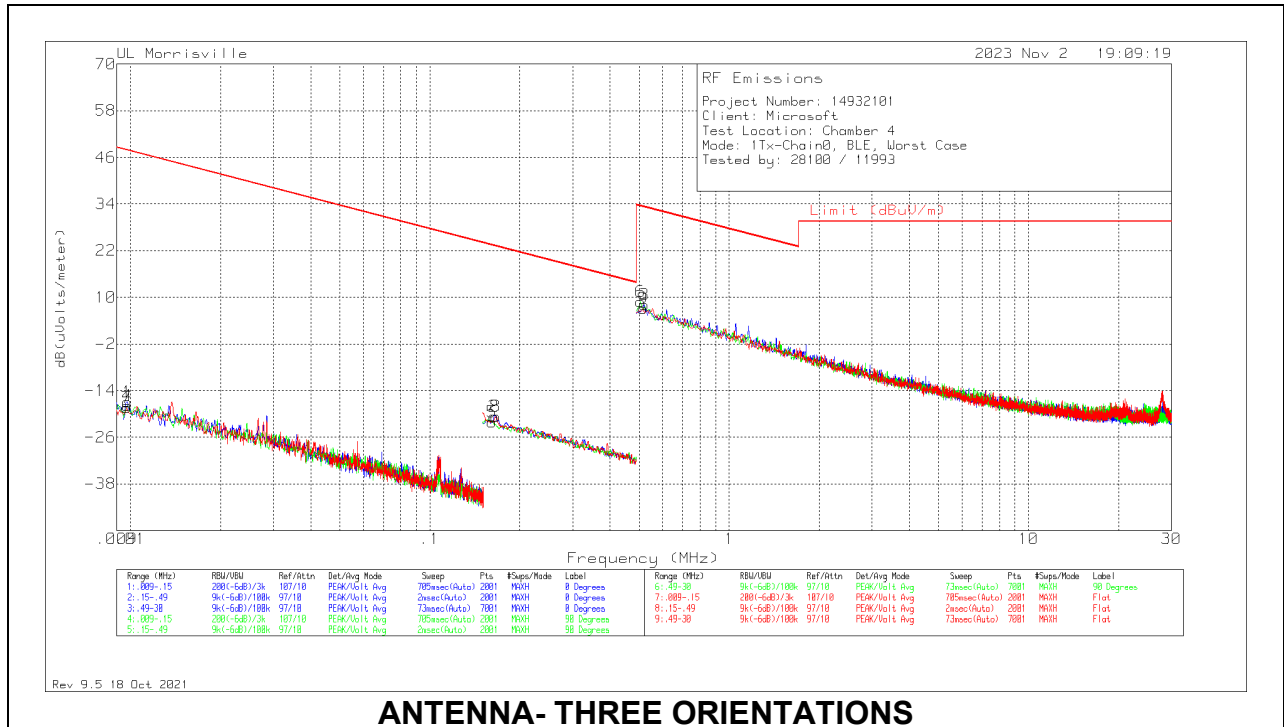
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 PK2 - Maximum Peak
 ADV - Linear Voltage Average

10.3. WORST CASE BELOW 30MHZ

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

10.3.1. CHAIN 0

SPURIOUS EMISSIONS BELOW 30 MHz (E-FIELD WORST-CASE CONFIGURATION)

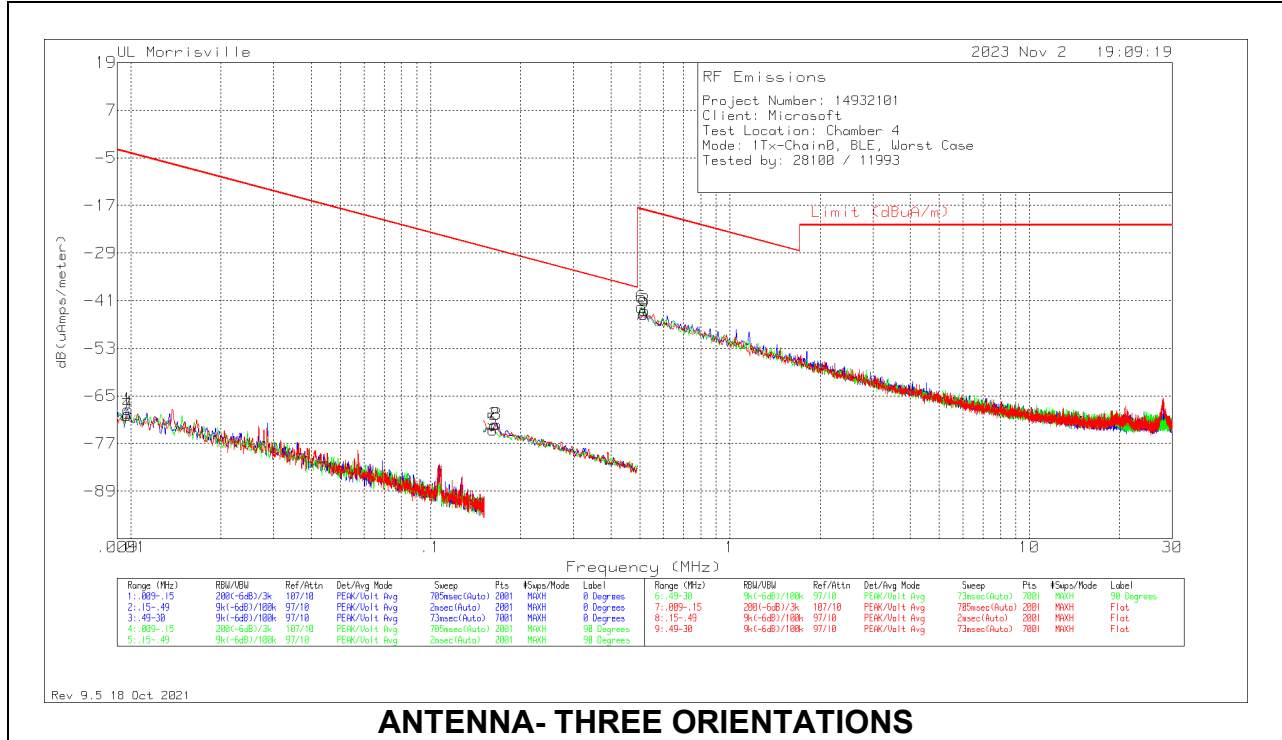


ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
7	.00971	42.08	Pk	19.5	0	-80	-18.42	47.86	67.86	-66.28	0-360	Flat
1	.00978	43.62	Pk	19.5	0	-80	-16.88	47.8	67.8	-64.68	0-360	0 degs
4	.00978	42.57	Pk	19.5	0	-80	-17.93	47.8	67.8	-65.73	0-360	90 degs
5	.16165	45.76	Pk	12.2	0	-80	-22.04	23.43	43.43	-45.47	0-360	90 degs
2	.16377	47.16	Pk	12.2	0	-80	-20.64	23.32	43.32	-43.96	0-360	0 degs
8	.16624	47.13	Pk	12.2	0	-80	-20.67	23.19	43.19	-43.86	0-360	Flat
6	.50686	36.55	Pk	12.2	.1	-40	8.85	33.51	-	-24.66	0-360	90 degs
9	.5153	34.81	Pk	12.2	.1	-40	7.11	33.36	-	-26.25	0-360	Flat
3	.51951	35.74	Pk	12.2	.1	-40	8.04	33.29	-	-25.25	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (H-FIELD WORST-CASE CONFIGURATION)



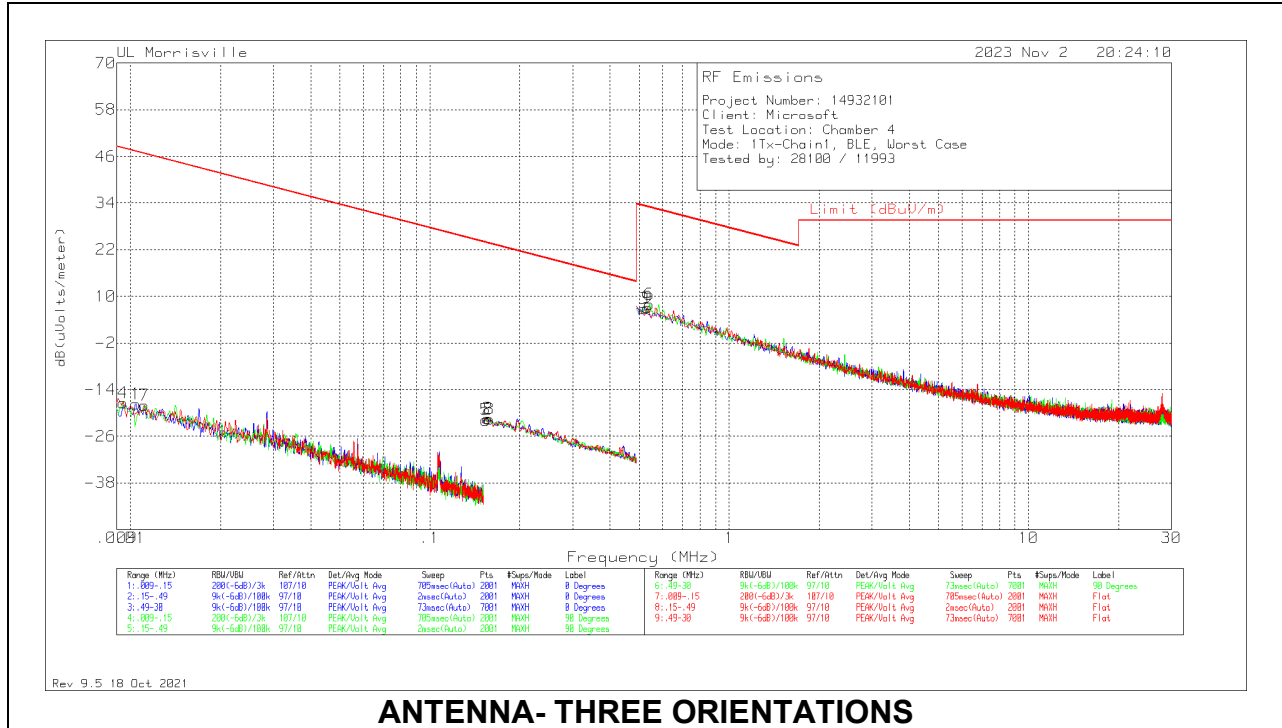
ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	QP/AV Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
7	.00971	42.08	Pk	-32	0	-80	-69.92	-3.64	16.36	-66.28	0-360	Flat
1	.00978	43.62	Pk	-32	0	-80	-68.38	-3.7	16.3	-64.68	0-360	0 degs
4	.00978	42.57	Pk	-32	0	-80	-69.43	-3.7	16.3	-65.73	0-360	90 degs
5	.16165	45.76	Pk	-39.3	0	-80	-73.54	-28.07	-8.07	-45.47	0-360	90 degs
2	.16377	47.16	Pk	-39.3	0	-80	-72.14	-28.18	-8.18	-43.96	0-360	0 degs
8	.16624	47.13	Pk	-39.3	0	-80	-72.17	-28.31	-8.31	-43.86	0-360	Flat
6	.50686	36.55	Pk	-39.3	.1	-40	-42.65	-17.99	-	-24.66	0-360	90 degs
9	.5153	34.81	Pk	-39.3	.1	-40	-44.39	-18.14	-	-26.25	0-360	Flat
3	.51951	35.74	Pk	-39.3	.1	-40	-43.46	-18.21	-	-25.25	0-360	0 degs

Pk - Peak detector

10.3.2. CHAIN 1

SPURIOUS EMISSIONS BELOW 30 MHz (E-FIELD WORST-CASE CONFIGURATION)

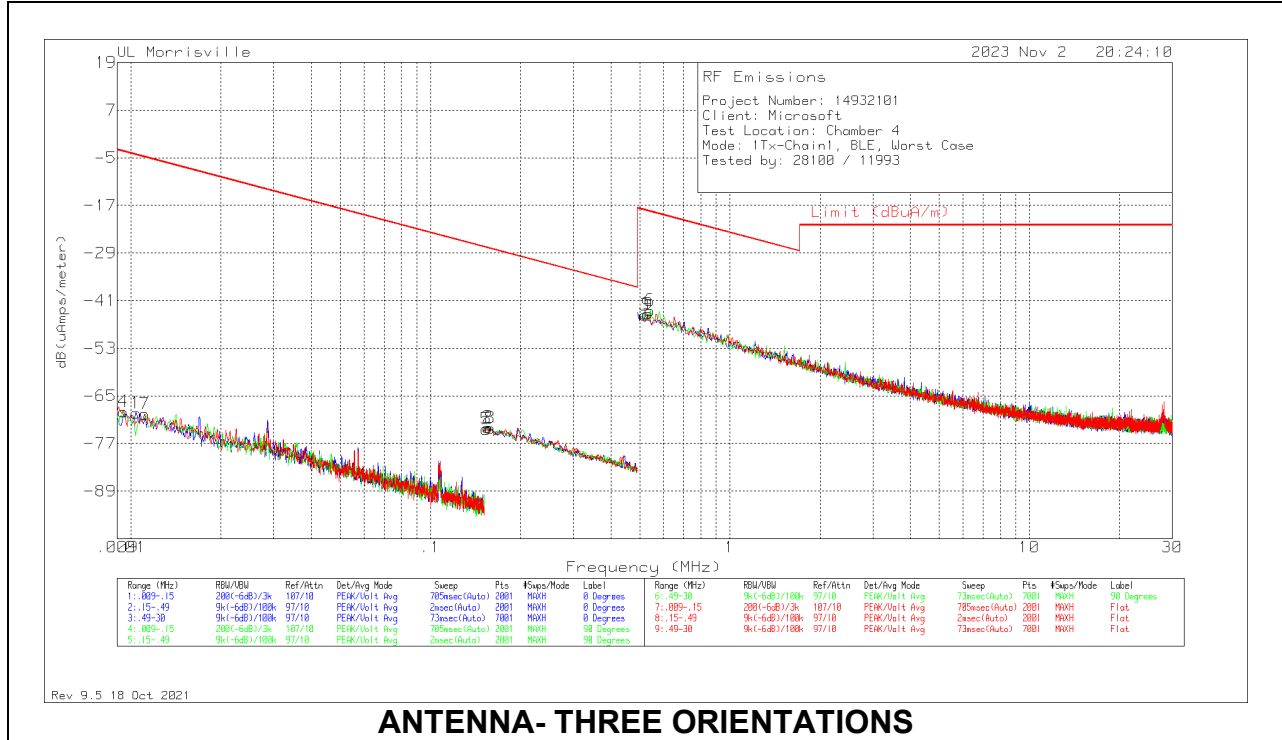


ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00943	42.84	Pk	19.7	0	-80	-17.46	48.12	68.12	-65.58	0-360	90 degs
1	.01042	43.12	Pk	19.1	0	-80	-17.78	47.25	67.25	-65.03	0-360	0 degs
7	.01113	43.13	Pk	18.8	0	-80	-18.07	46.67	66.67	-64.74	0-360	Flat
5	.15374	45.96	Pk	12.2	0	-80	-21.84	23.87	43.87	-45.71	0-360	90 degs
2	.1557	46.35	Pk	12.2	0	-80	-21.45	23.76	43.76	-45.21	0-360	0 degs
8	.15859	46.2	Pk	12.2	0	-80	-21.6	23.6	43.6	-45.2	0-360	Flat
3	.51951	34.55	Pk	12.2	.1	-40	6.85	33.29	-	-26.44	0-360	0 degs
9	.53216	34.84	Pk	12.2	.1	-40	7.14	33.08	-	-25.94	0-360	Flat
6	.54059	35.67	Pk	12.2	.1	-40	7.97	32.95	-	-24.98	0-360	90 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (H-FIELD WORST-CASE CONFIGURATION)



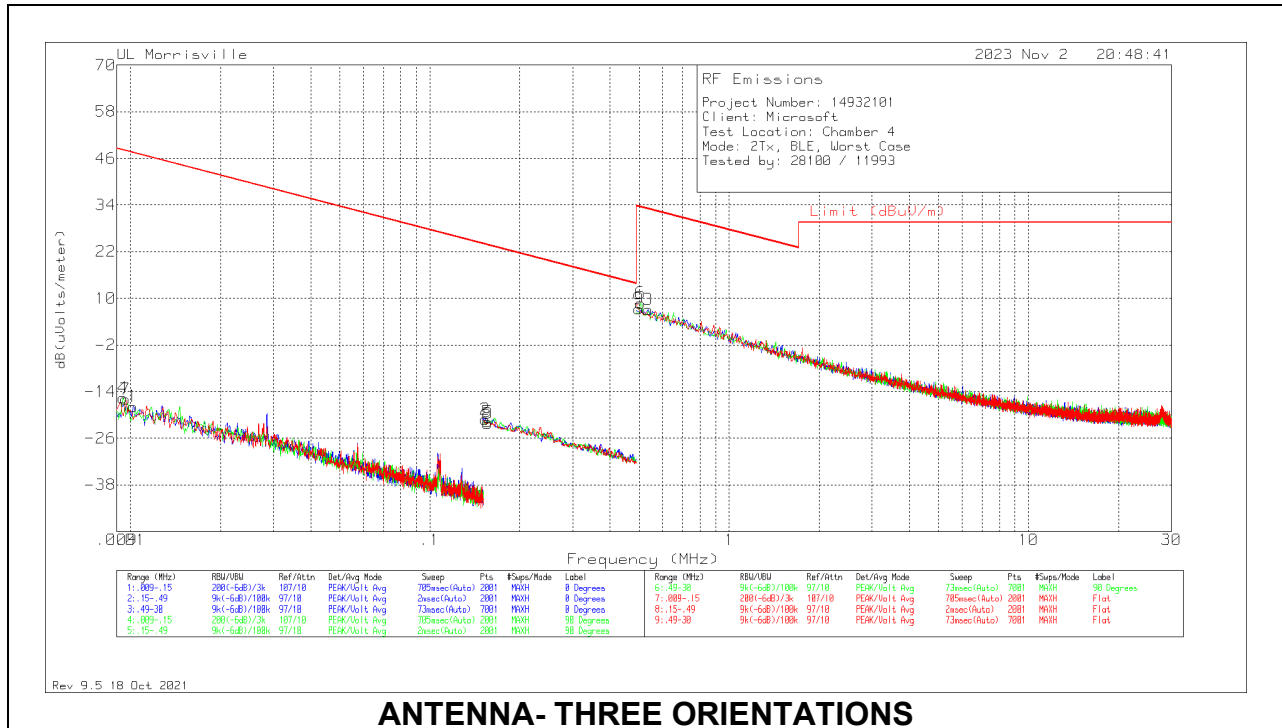
ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00943	42.84	Pk	-31.8	0	-80	-68.96	-3.38	16.62	-65.58	0-360	90 degs
1	.01042	43.12	Pk	-32.4	0	-80	-69.28	-4.25	15.75	-65.03	0-360	0 degs
7	.01113	43.13	Pk	-32.7	0	-80	-69.57	-4.83	15.17	-64.74	0-360	Flat
5	.15374	45.96	Pk	-39.3	0	-80	-73.34	-27.63	-7.63	-45.71	0-360	90 degs
2	.1557	46.35	Pk	-39.3	0	-80	-72.95	-27.74	-7.74	-45.21	0-360	0 degs
8	.15859	46.2	Pk	-39.3	0	-80	-73.1	-27.9	-7.9	-45.2	0-360	Flat
3	.51951	34.55	Pk	-39.3	.1	-40	-44.65	-18.21	-	-26.44	0-360	0 degs
9	.53216	34.84	Pk	-39.3	.1	-40	-44.36	-18.42	-	-25.94	0-360	Flat
6	.54059	35.67	Pk	-39.3	.1	-40	-43.53	-18.55	-	-24.98	0-360	90 degs

Pk - Peak detector

10.3.3. 2Tx MIMO

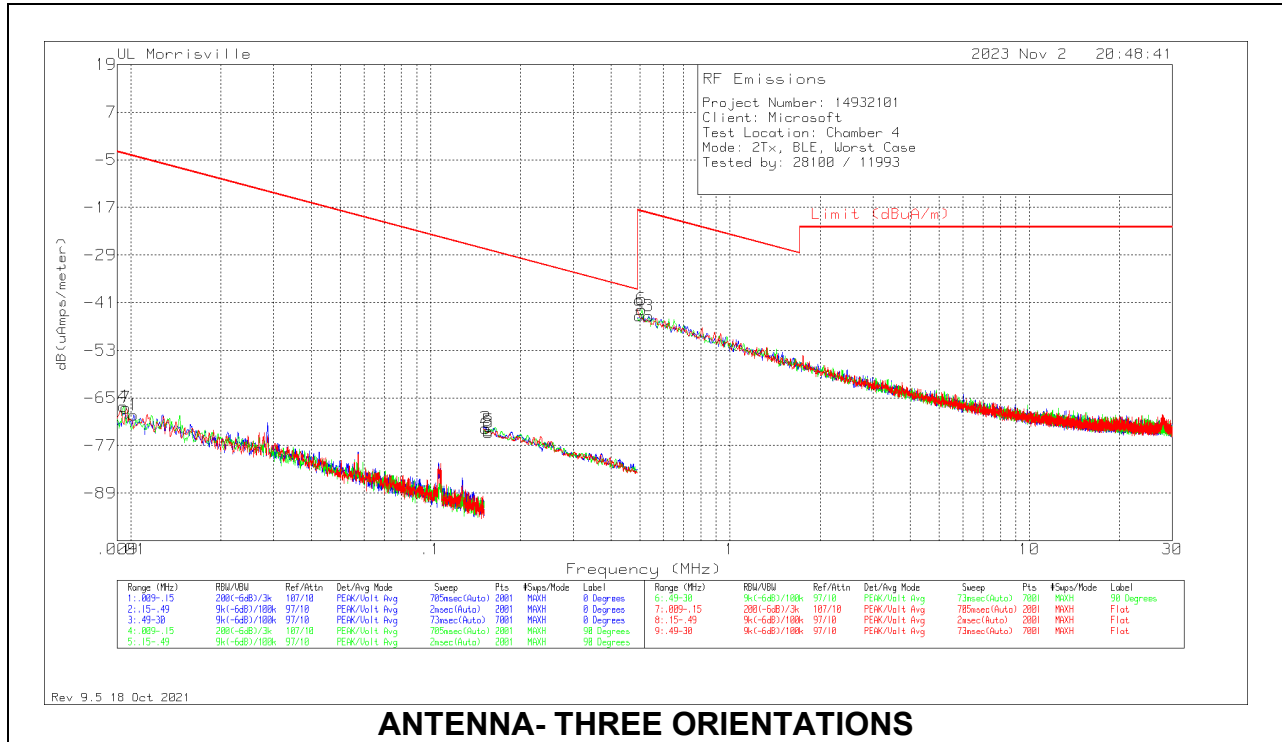
SPURIOUS EMISSIONS BELOW 30 MHz (E-FIELD WORST-CASE CONFIGURATION)



Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uVolts/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00943	44.64	Pk	19.7	0	-80	-15.66	48.12	68.12	-63.78	0-360	90 degs
7	.00964	44.4	Pk	19.6	0	-80	-16	47.92	67.92	-63.92	0-360	Flat
1	.01021	42.99	Pk	19.2	0	-80	-17.81	47.43	67.43	-65.24	0-360	0 degs
2	.15289	46.72	Pk	12.2	0	-80	-21.08	23.92	43.92	-45	0-360	0 degs
8	.15612	45.58	Pk	12.2	0	-80	-22.22	23.74	43.74	-45.96	0-360	Flat
5	.15621	46.01	Pk	12.2	0	-80	-21.79	23.73	43.73	-45.52	0-360	90 degs
9	.49843	34.94	Pk	12.2	.1	-40	7.24	33.65	-	-26.41	0-360	Flat
6	.50686	36.51	Pk	12.2	.1	-40	8.81	33.51	-	-24.7	0-360	90 degs
3	.53638	34.87	Pk	12.2	.1	-40	7.17	33.01	-	-25.84	0-360	0 degs

Pk - Peak detector

SPURIOUS EMISSIONS BELOW 30 MHz (H-FIELD WORST-CASE CONFIGURATION)



ANTENNA- THREE ORIENTATIONS

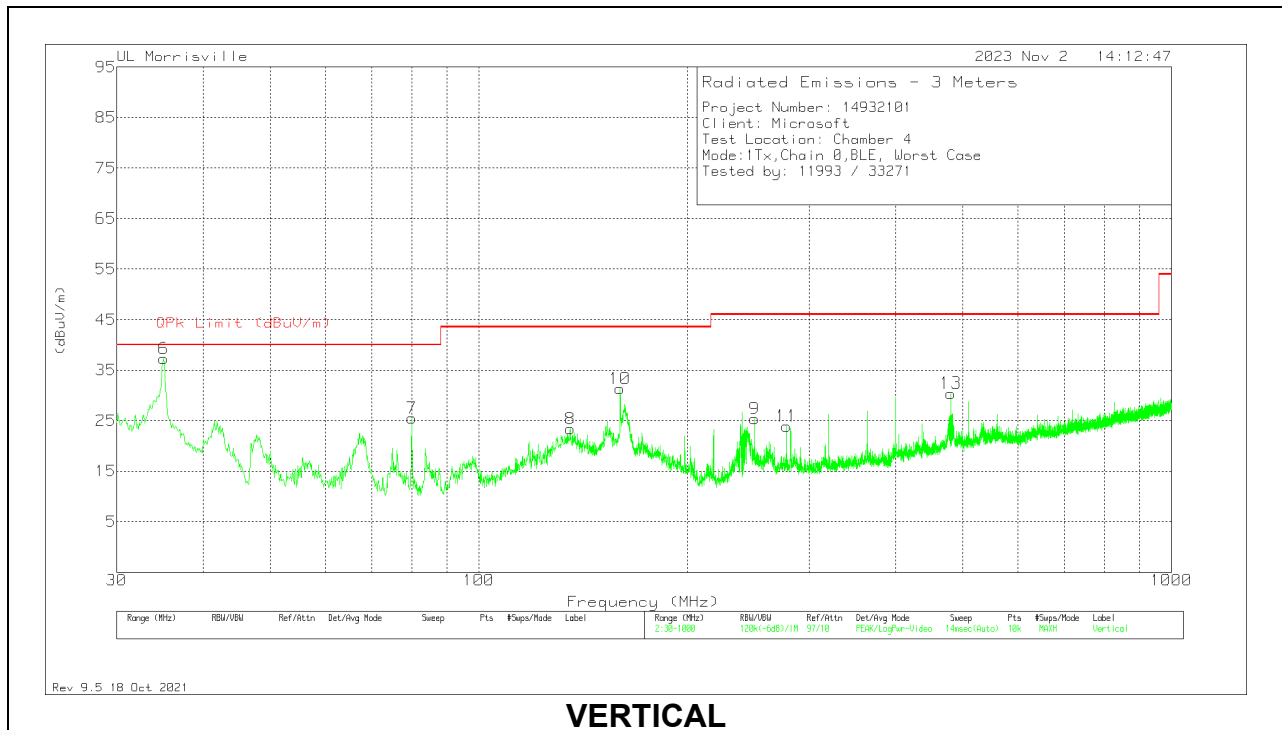
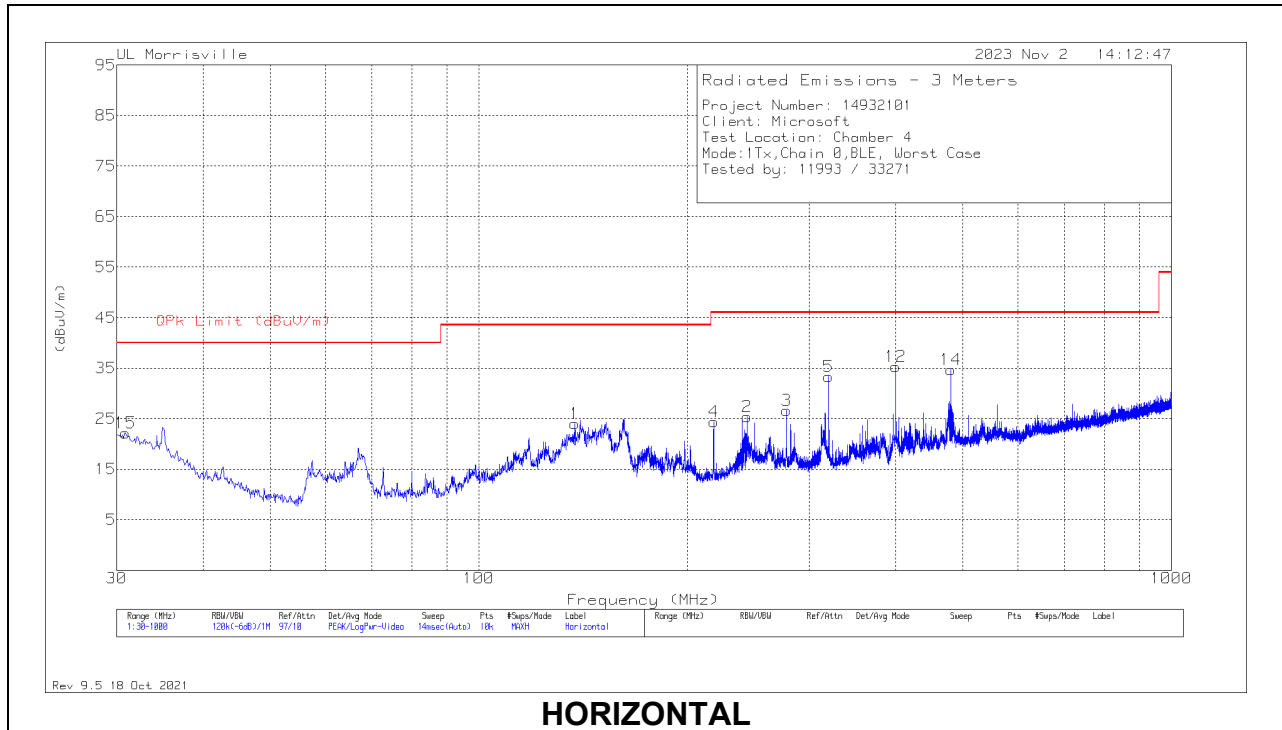
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuV/m)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00943	44.64	Pk	-31.8	0	-80	-67.16	-3.38	16.62	-63.78	0-360	90 degs
7	.00964	44.4	Pk	-31.9	0	-80	-67.5	-3.58	16.42	-63.92	0-360	Flat
1	.01021	42.99	Pk	-32.3	0	-80	-69.31	-4.07	15.93	-65.24	0-360	0 degs
2	.15289	46.72	Pk	-39.3	0	-80	-72.58	-27.58	-7.58	-45	0-360	0 degs
8	.15612	45.58	Pk	-39.3	0	-80	-73.72	-27.76	-7.76	-45.96	0-360	Flat
5	.15621	46.01	Pk	-39.3	0	-80	-73.29	-27.77	-7.77	-45.52	0-360	90 degs
9	.49843	34.94	Pk	-39.3	.1	-40	-44.26	-17.85	-	-26.41	0-360	Flat
6	.50686	36.51	Pk	-39.3	.1	-40	-42.69	-17.99	-	-24.7	0-360	90 degs
3	.53638	34.87	Pk	-39.3	.1	-40	-44.33	-18.49	-	-25.84	0-360	0 degs

Pk - Peak detector

10.4. WORST CASE BELOW 1 GHZ

10.4.1. CHAIN 0

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

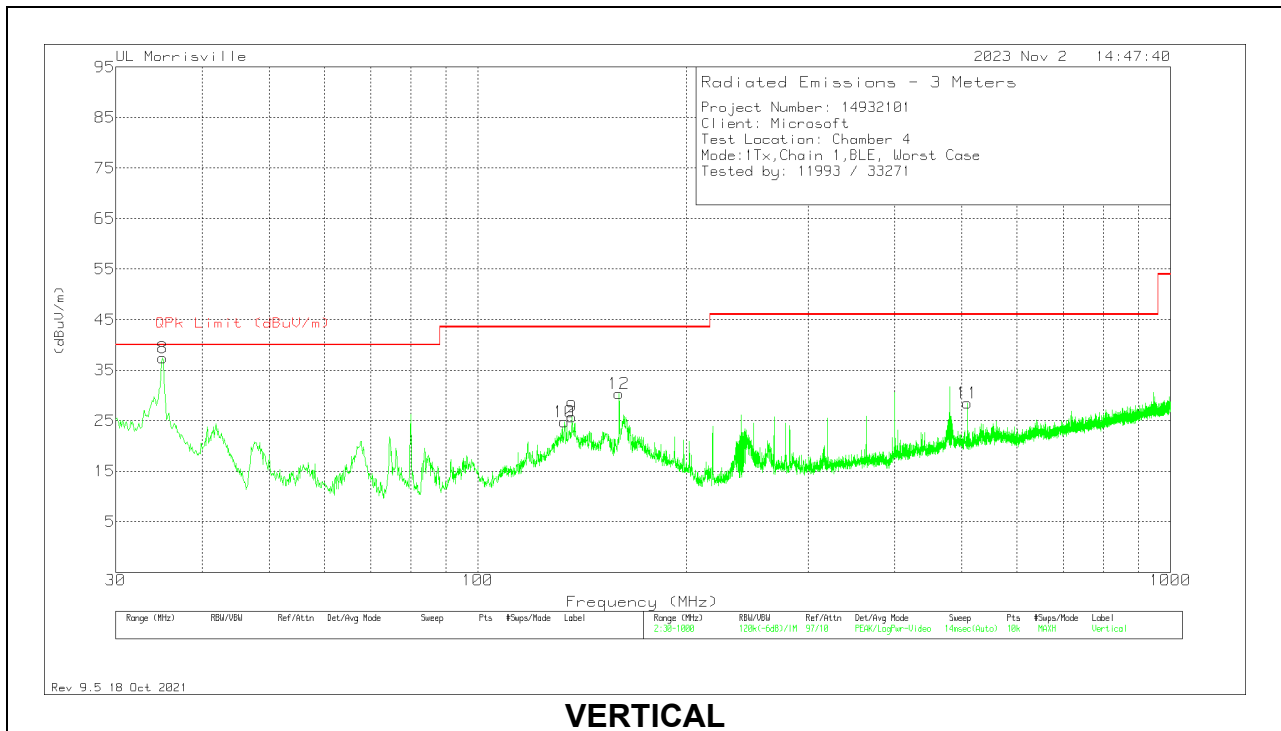
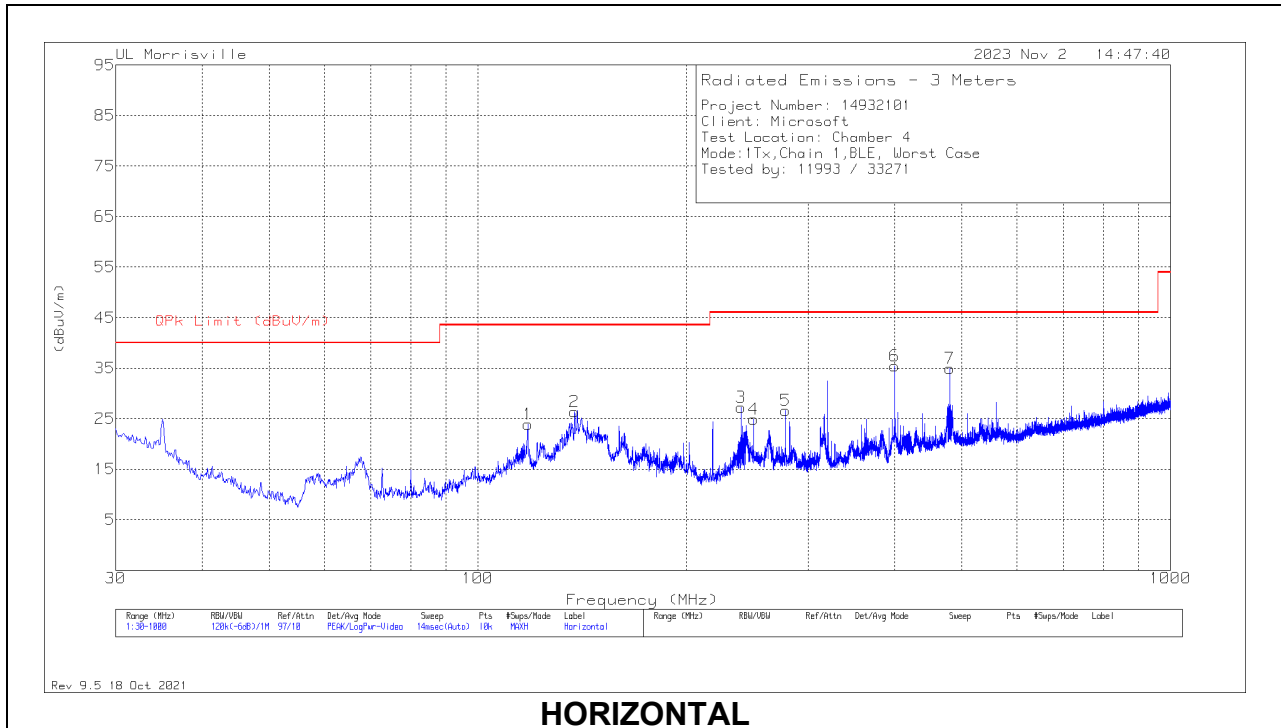


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 137.67	35.93	Pk	19.3	-31.2	24.03	43.52	-19.49	0-360	100	H
2	*** 243.885	38.29	Pk	17.7	-30.6	25.39	46.02	-20.63	0-360	100	H
3	*** 278.126	37.6	Pk	19.4	-30.4	26.6	46.02	-19.42	0-360	100	H
12	*** 400.055	43.62	Pk	21.6	-29.9	35.32	46.02	-10.7	0-360	100	H
8	*** 135.439	35.1	Pk	19.5	-31.2	23.4	43.52	-20.12	0-360	100	V
9	*** 249.996	38.38	Pk	17.5	-30.5	25.38	46.02	-20.64	0-360	100	V
11	*** 278.126	34.95	Pk	19.4	-30.4	23.95	46.02	-22.07	0-360	100	V
15	30.873	27.73	Pk	26.5	-32.1	22.13	-	-	0-360	300	H
6	35.044	45.78	Pk	23.6	-32.1	37.28	-	-	0-360	100	V
7	79.955	42.59	Pk	14.5	-31.6	25.49	-	-	0-360	100	V
10	159.98	43.84	Pk	18.5	-31	31.34	-	-	0-360	100	V
4	218.277	38.4	Pk	16.7	-30.7	24.4	-	-	0-360	100	H
5	320.03	43.55	Pk	20	-30.2	33.35	-	-	0-360	100	H
14	480.08	40.57	Pk	23.8	-29.7	34.67	-	-	0-360	100	H
13	480.08	36.31	Pk	23.8	-29.7	30.41	-	-	0-360	100	V

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

10.4.2. CHAIN 1

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

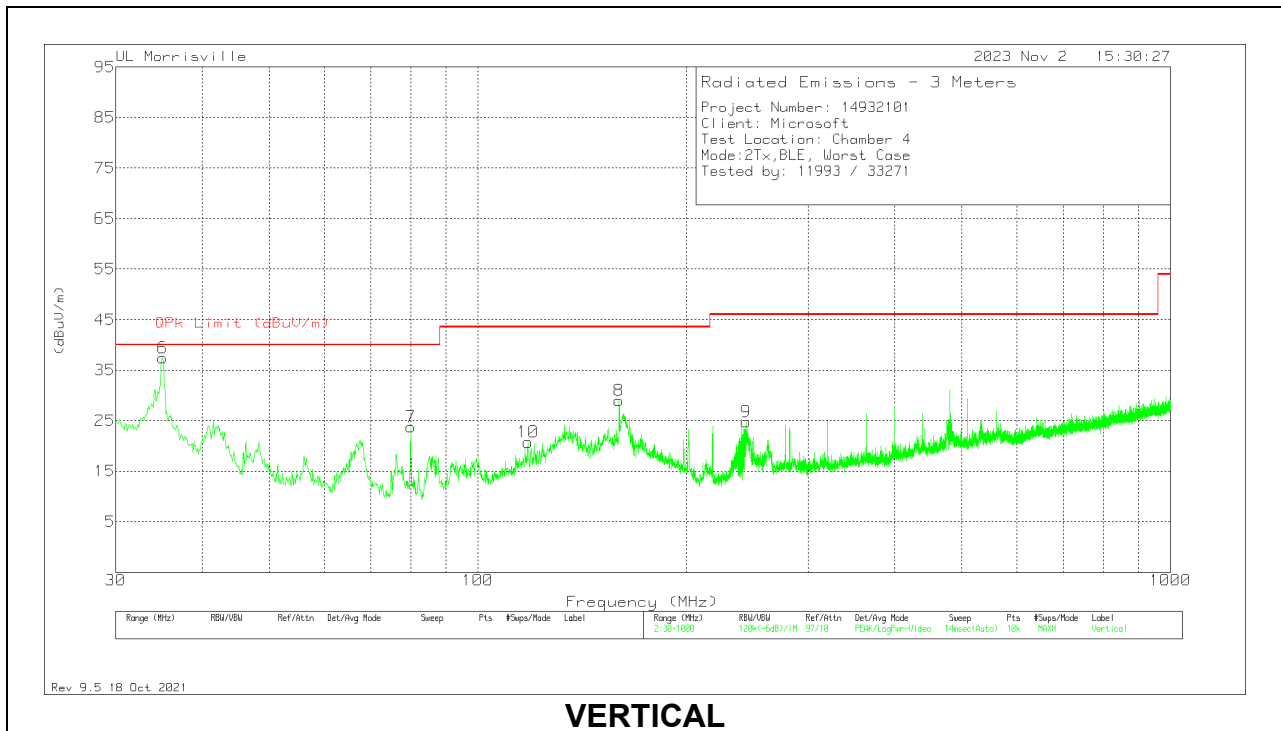
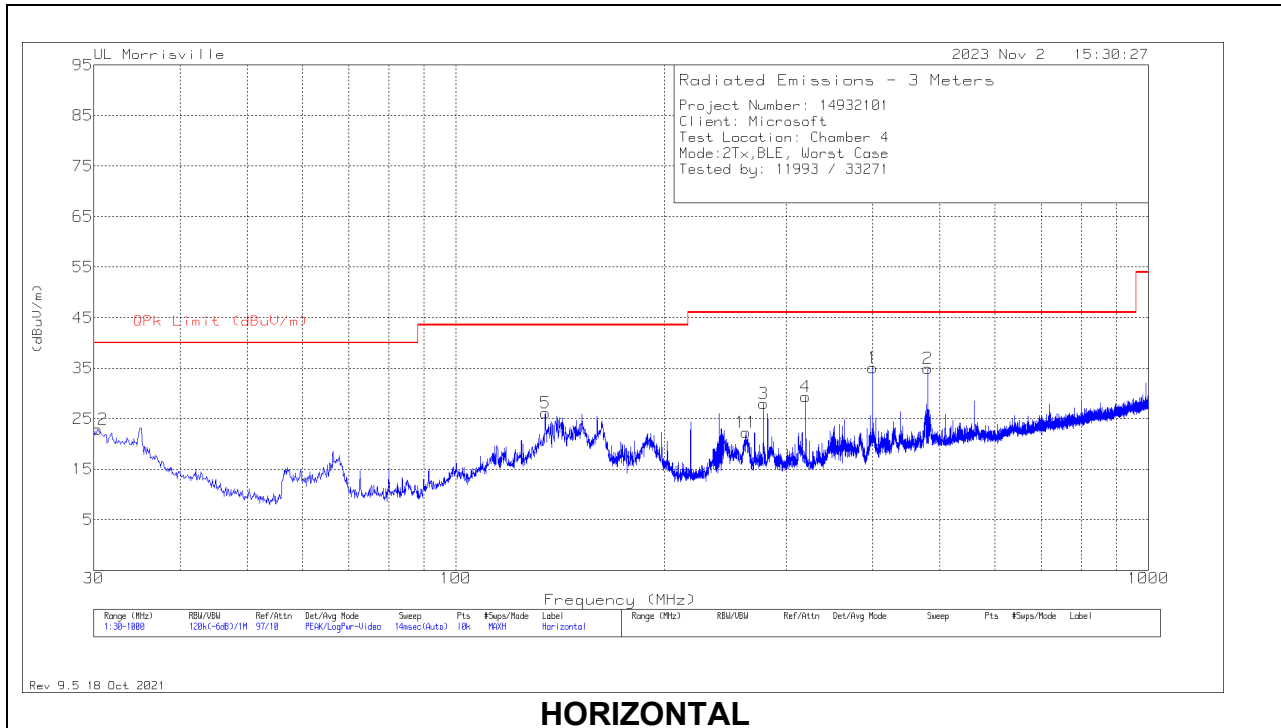


Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 118.076	35.34	Pk	19.8	-31.3	23.84	43.52	-19.68	0-360	300	H
2	*** 137.961	38.32	Pk	19.3	-31.2	26.42	43.52	-17.1	0-360	100	H
3	*** 240.005	40.17	Pk	17.7	-30.6	27.27	46.02	-18.75	0-360	100	H
4	*** 249.996	37.93	Pk	17.5	-30.5	24.93	46.02	-21.09	0-360	100	H
5	*** 278.126	37.66	Pk	19.4	-30.4	26.66	46.02	-19.36	0-360	100	H
6	*** 400.055	43.72	Pk	21.6	-29.9	35.42	46.02	-10.6	0-360	100	H
9	*** 136.7	37.71	Pk	19.3	-31.2	25.81	43.52	-17.71	0-360	100	V
10	*** 133.305	36.29	Pk	19.7	-31.2	24.79	43.52	-18.73	0-360	100	V
11	** 509.374	34.41	Pk	23.7	-29.6	28.51	46.02	-17.51	0-360	100	V
8	35.044	45.87	Pk	23.6	-32.1	37.37	-	-	0-360	100	V
12	159.98	42.82	Pk	18.5	-31	30.32	-	-	0-360	100	V
7	480.08	40.88	Pk	23.8	-29.7	34.98	-	-	0-360	100	H

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

10.4.3. 2TX MIMO

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



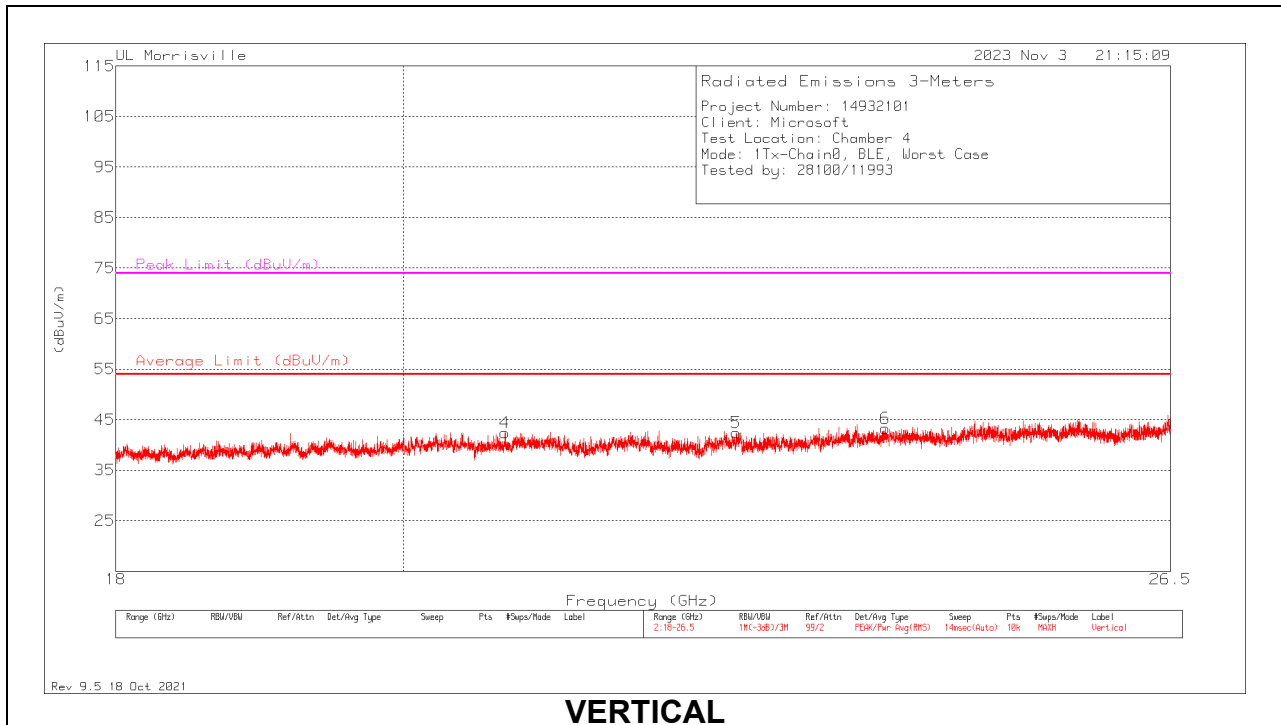
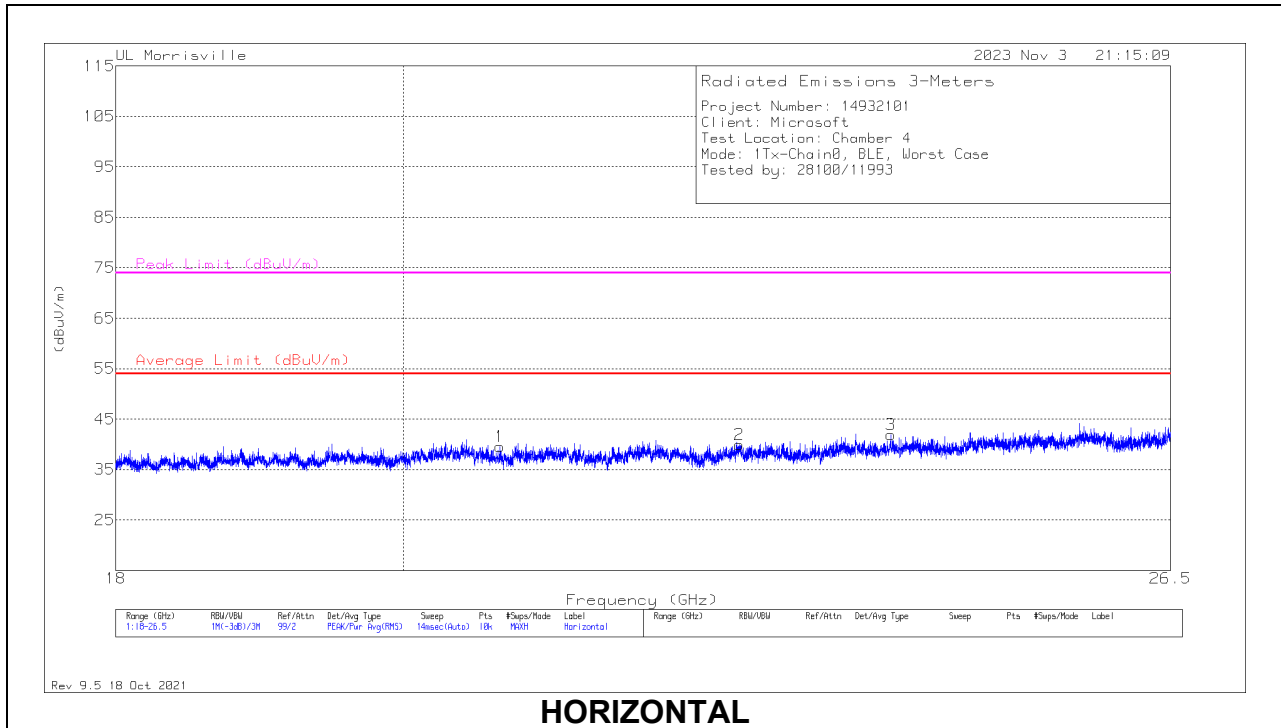
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 400.055	43.35	Pk	21.6	-29.9	35.05	46.02	-10.97	0-360	100	H
3	*** 278.126	38.98	Pk	19.4	-30.4	27.98	46.02	-18.04	0-360	100	H
5	*** 134.663	37.85	Pk	19.5	-31.2	26.15	43.52	-17.37	0-360	100	H
11	*** 262.509	34.33	Pk	18.4	-30.5	22.23	46.02	-23.79	0-360	100	H
9	*** 243.885	37.71	Pk	17.7	-30.6	24.81	46.02	-21.21	0-360	100	V
10	*** 118.076	32.23	Pk	19.8	-31.3	20.73	43.52	-22.79	0-360	100	V
12	30.388	28.33	Pk	26.7	-32.1	22.93	-	-	0-360	100	H
6	35.044	45.98	Pk	23.6	-32.1	37.48	-	-	0-360	100	V
7	79.955	40.87	Pk	14.5	-31.6	23.77	-	-	0-360	100	V
8	159.98	41.45	Pk	18.5	-31	28.95	-	-	0-360	100	V
4	320.03	39.54	Pk	20	-30.2	29.34	-	-	0-360	100	H
2	480.08	40.88	Pk	23.8	-29.7	34.98	-	-	0-360	100	H

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

10.5. WORST CASE 18-26 GHZ

10.5.1. CHAIN 0

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



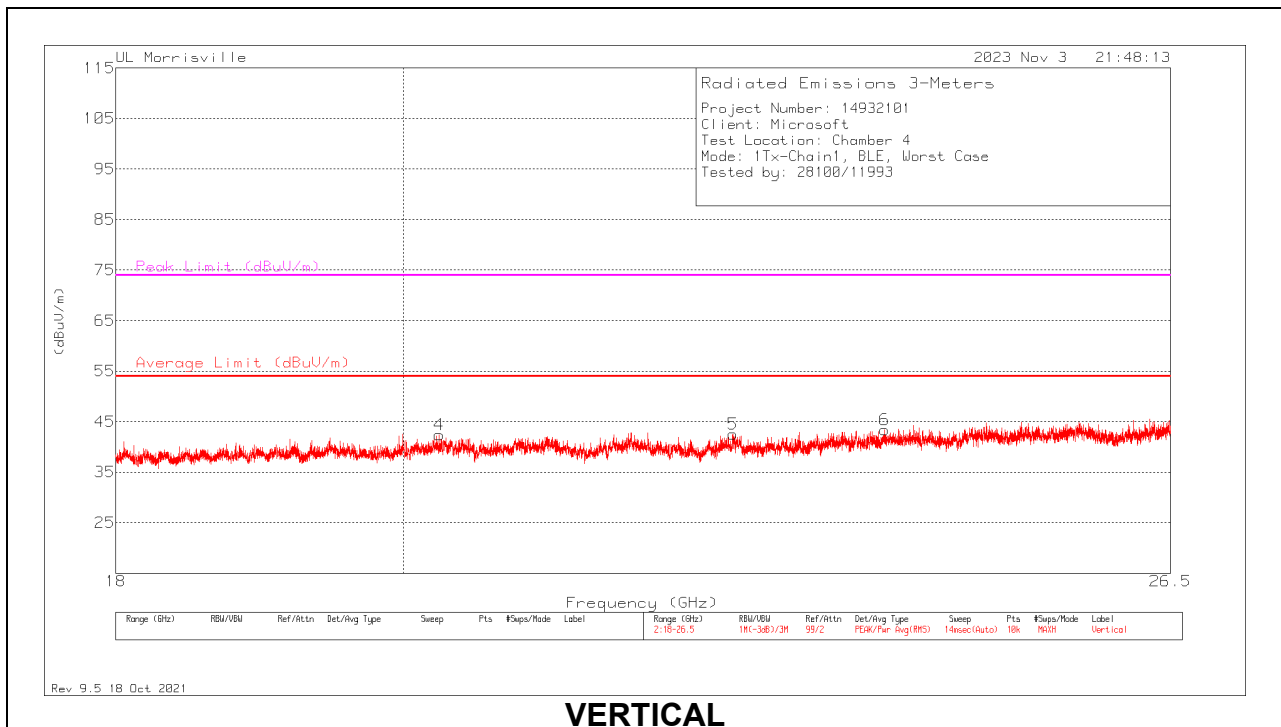
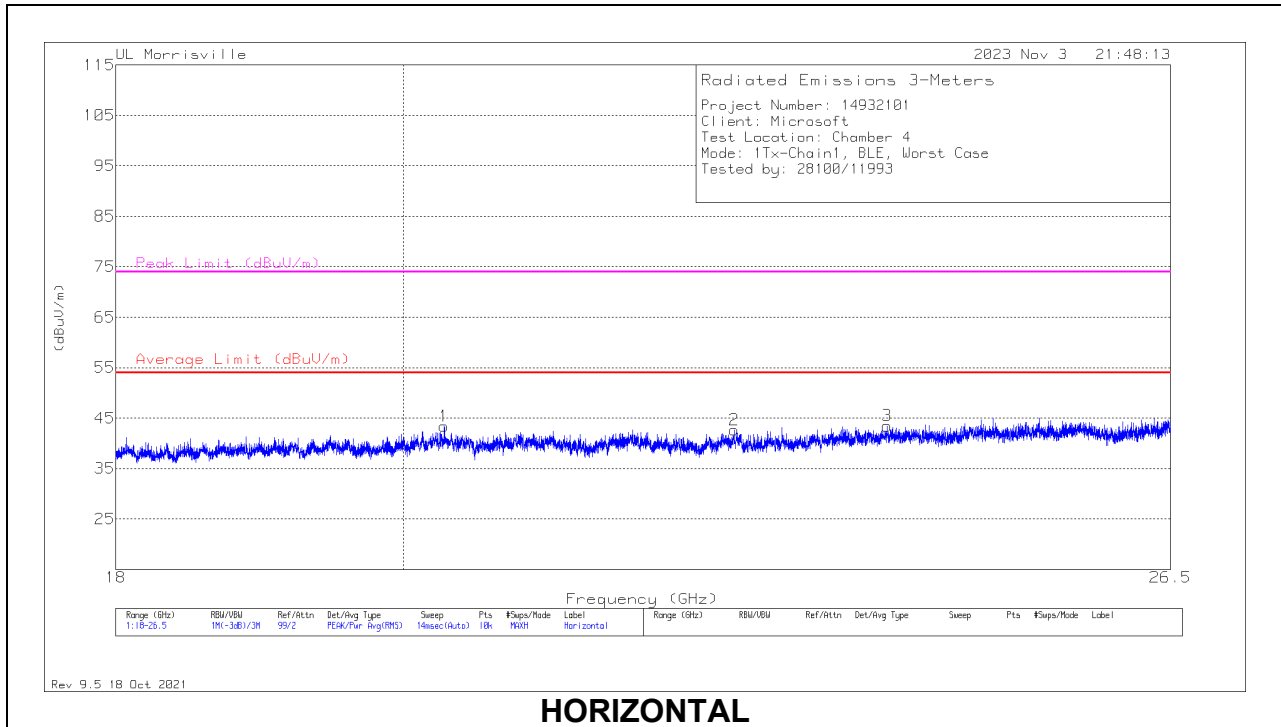
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 20.72367	45.8	Pk	33.6	-39.8	39.6	54	-14.4	74	-34.4	0-360	150	H
2	*** 22.62531	44.17	Pk	34.2	-38.5	39.87	54	-14.13	74	-34.13	0-360	150	H
3	*** 23.91914	44.27	Pk	34.4	-36.8	41.87	54	-12.13	74	-32.13	0-360	100	H
4	*** 20.76278	48.32	Pk	33.5	-39.4	42.42	54	-11.58	74	-31.58	0-360	150	V
5	*** 22.59811	46.23	Pk	34.3	-38.1	42.43	54	-11.57	74	-31.57	0-360	300	V
6	*** 23.86644	45.83	Pk	34.4	-37	43.23	54	-10.77	74	-30.77	0-360	150	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.5.2. CHAIN 1
SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



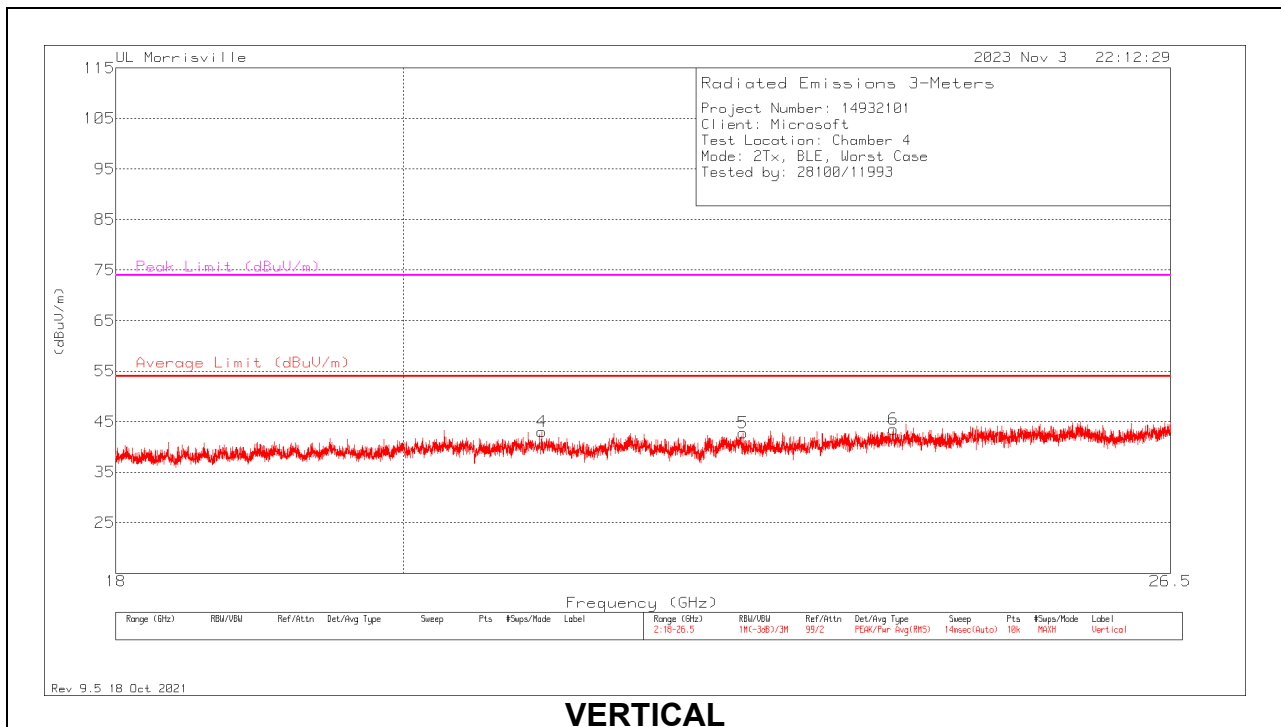
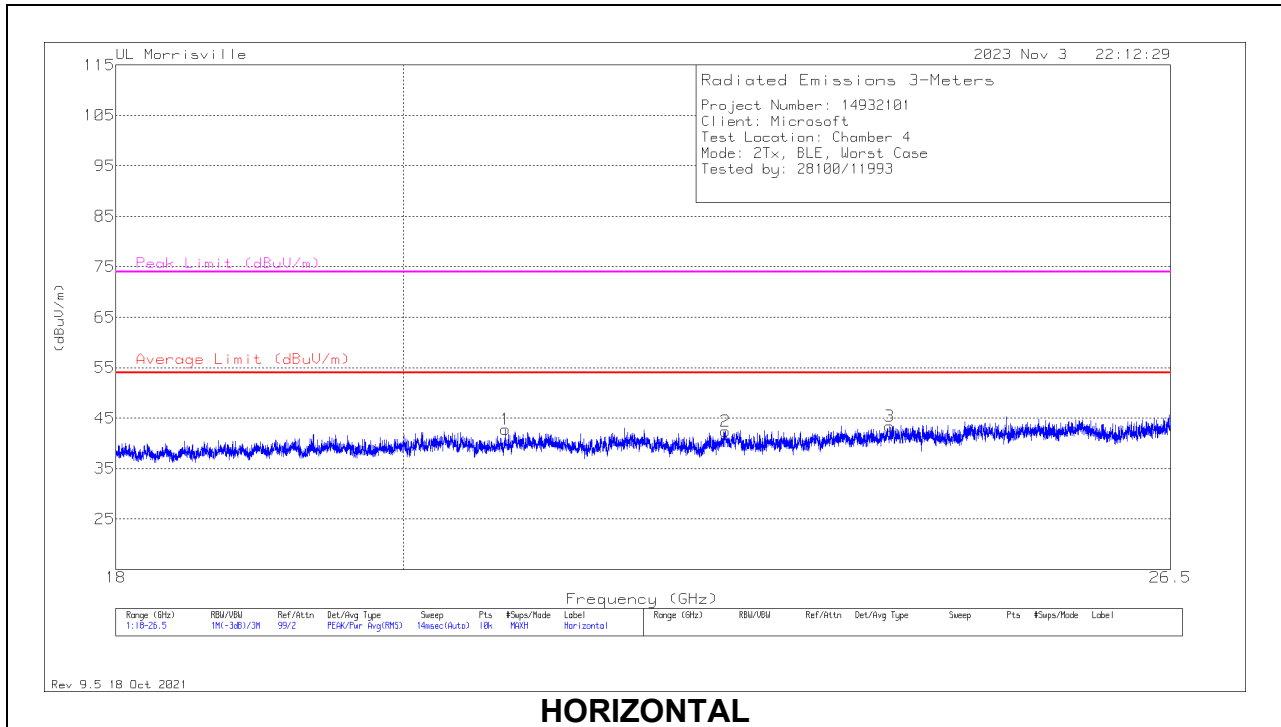
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 20.30458	48.29	Pk	33.6	-38.5	43.39	54	-10.61	74	-30.61	0-360	100	H
2	*** 22.58281	46.93	Pk	34.3	-38.6	42.63	54	-11.37	74	-31.37	0-360	250	H
3	*** 23.88344	45.86	Pk	34.4	-36.8	43.46	54	-10.54	74	-30.54	0-360	150	H
4	*** 20.26803	48.19	Pk	33.5	-39.3	42.39	54	-11.61	74	-31.61	0-360	200	V
5	*** 22.57006	46.48	Pk	34.3	-38.3	42.48	54	-11.52	74	-31.52	0-360	150	V
6	*** 23.86304	45.78	Pk	34.4	-36.8	43.38	54	-10.62	74	-30.62	0-360	250	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

10.5.3. 2Tx MIMO
SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.76363	48.69	Pk	33.5	-39.4	42.79	54	-11.21	74	-31.21	0-360	250	H
2	* ** 22.5097	46.73	Pk	34.2	-38.5	42.43	54	-11.57	74	-31.57	0-360	100	H
3	* ** 23.90894	45.25	Pk	34.4	-36.3	43.35	54	-10.65	74	-30.65	0-360	100	H
4	* ** 21.04245	48.37	Pk	33.6	-38.9	43.07	54	-10.93	74	-30.93	0-360	200	V
5	* ** 22.65337	48.04	Pk	34.2	-39.5	42.74	54	-11.26	74	-31.26	0-360	150	V
6	* ** 23.94124	45.51	Pk	34.4	-36.4	43.51	54	-10.49	74	-30.49	0-360	300	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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

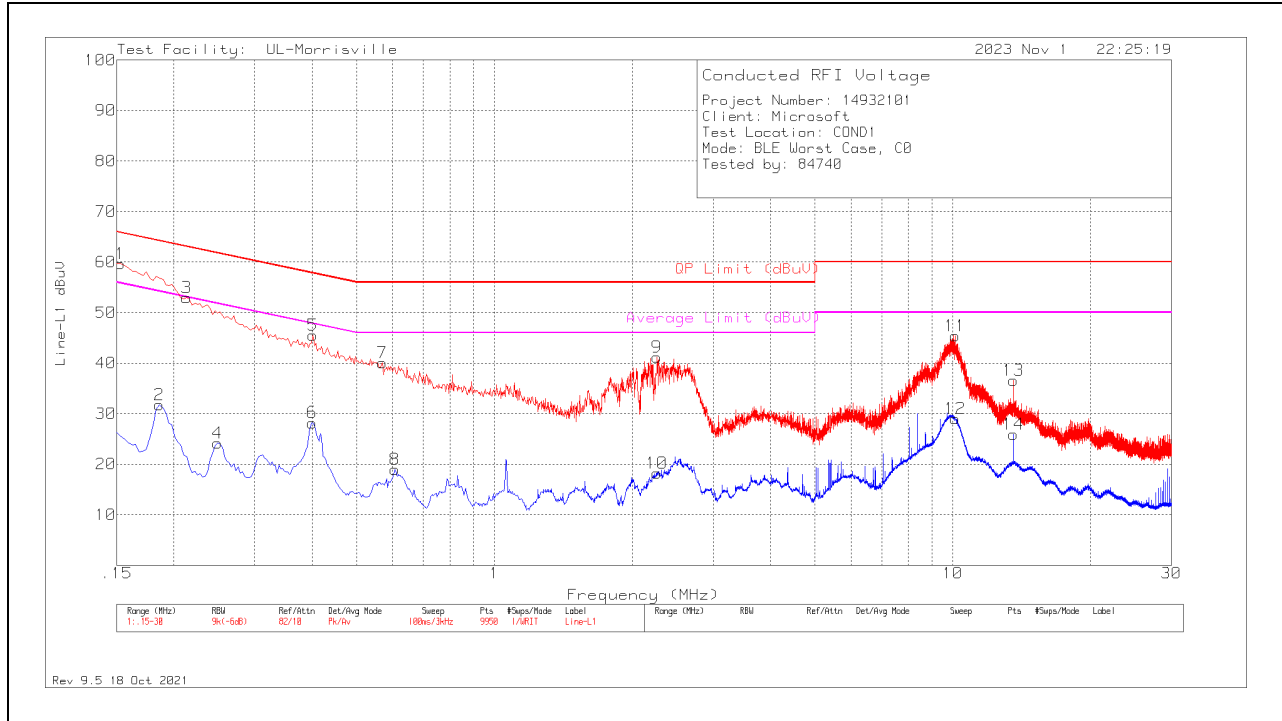
Line conducted data is recorded for both lines.

RESULTS

11.1. AC POWER LINE NORM

11.1.1. CHAIN 0

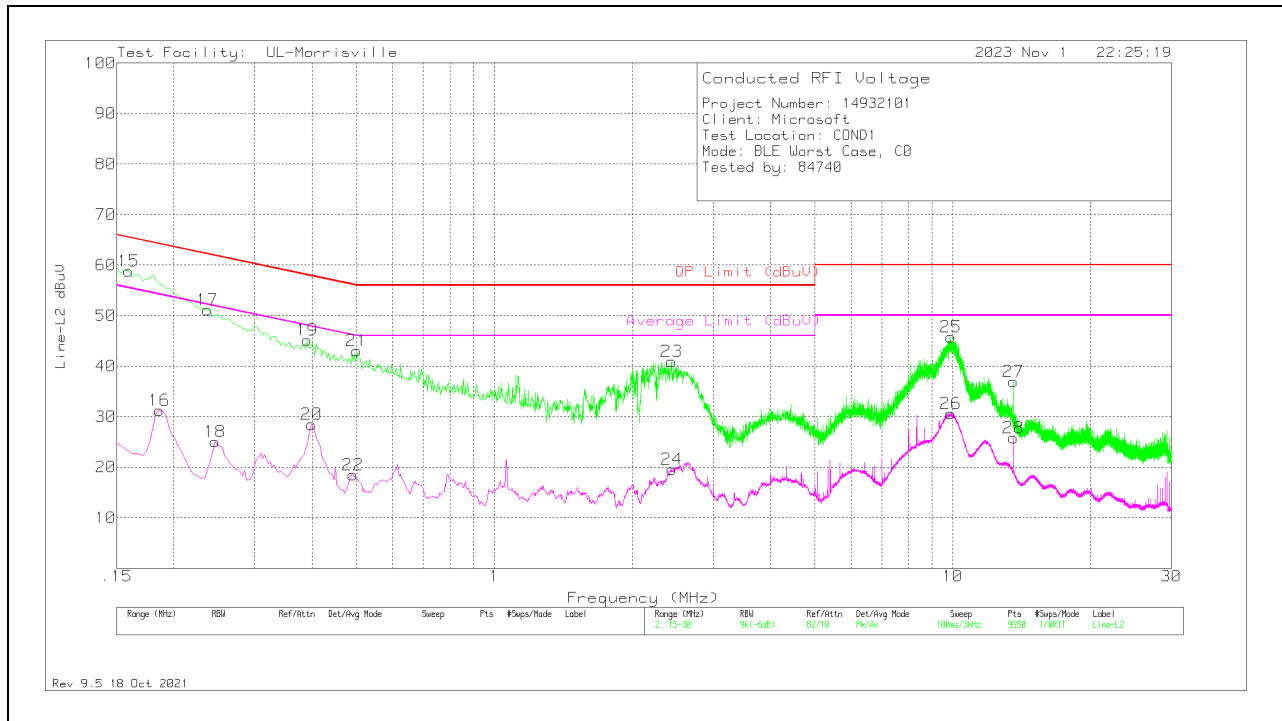
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)	
1	.153	49.58	Pk	.3	9.8	59.68	65.84	-6.16	-	-	
2	.186	21.75	Av	.2	9.8	31.75	-	-	54.21	-22.46	
3	.213	42.99	Pk	.2	9.8	52.99	63.09	-10.1	-	-	
4	.249	14.16	Av	.2	9.8	24.16	-	-	51.79	-27.63	
6	.4005	18.31	Av	.1	9.8	28.21	-	-	47.84	-19.63	
5	.402	35.61	Pk	.1	9.8	45.51	57.81	-12.3	-	-	
7	.57	30.16	Pk	.1	9.8	40.06	56	-15.94	-	-	
8	.606	9.11	Av	.1	9.8	19.01	-	-	46	-26.99	
9	2.262	31.26	Pk	.1	9.8	41.16	56	-14.84	-	-	
10	2.265	8.34	Av	.1	9.8	18.24	-	-	46	-27.76	
11	10.113	35.25	Pk	.1	10	45.35	60	-14.65	-	-	
12	10.128	18.95	Av	.1	10	29.05	-	-	50	-20.95	
14	13.56	15.7	Av	.2	10	25.9	-	-	50	-24.1	
13	13.563	26.35	Pk	.2	10	36.55	60	-23.45	-	-	

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



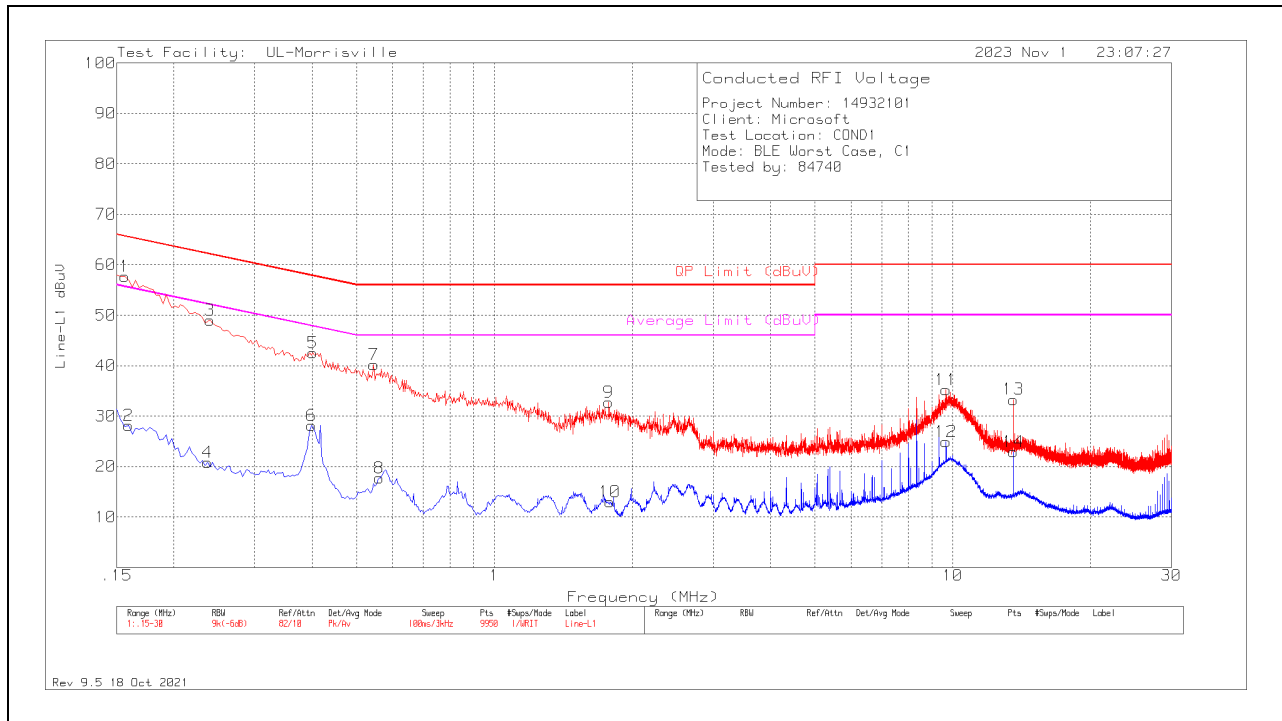
Range 2: Line-L2 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading (dBuV)	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
15	.159	48.69	Pk	.3	9.8	58.79	65.52	-6.73	-	-
16	.186	21.25	Av	.2	9.8	31.25	-	-	54.21	-22.96
17	.237	41.17	Pk	.2	9.8	51.17	62.2	-11.03	-	-
18	.246	15.02	Av	.2	9.8	25.02	-	-	51.89	-26.87
19	.39	35.27	Pk	.1	9.8	45.17	58.06	-12.89	-	-
20	.399	18.56	Av	.1	9.8	28.46	-	-	47.87	-19.41
22	.492	8.59	Av	.1	9.8	18.49	-	-	46.13	-27.64
21	.501	33.11	Pk	.1	9.8	43.01	56	-12.99	-	-
23	2.436	31	Pk	.1	9.8	40.9	56	-15.1	-	-
24	2.439	9.69	Av	.1	9.8	19.59	-	-	46	-26.41
25	9.891	35.63	Pk	.1	10	45.73	60	-14.27	-	-
26	9.897	20.54	Av	.1	10	30.64	-	-	50	-19.36
28	13.56	15.6	Av	.2	10	25.8	-	-	50	-24.2
27	13.563	26.76	Pk	.2	10	36.96	60	-23.04	-	-

Pk - Peak detector
 Av - Average detection

11.1.2. CHAIN 1

LINE 1 RESULTS

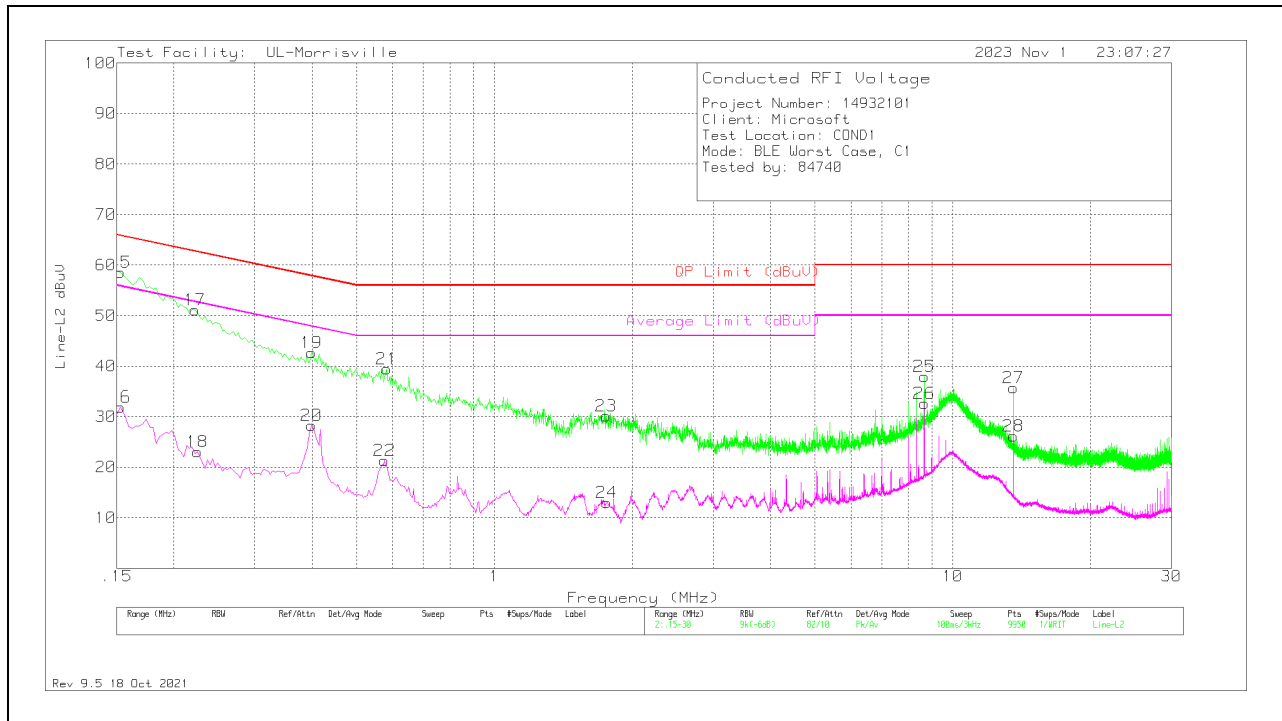


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.156	47.65	Pk	.3	9.8	57.75	65.67	-7.92	-	-
2	.159	18.08	Av	.3	9.8	28.18	-	-	55.52	-27.34
3	.24	39.01	Pk	.2	9.8	49.01	62.1	-13.09	-	-
4	.237	10.83	Av	.2	9.8	20.83	-	-	52.2	-31.37
5	.402	32.69	Pk	.1	9.8	42.59	57.81	-15.22	-	-
6	.399	18.3	Av	.1	9.8	28.2	-	-	47.87	-19.67
7	.546	30.26	Pk	.1	9.8	40.16	56	-15.84	-	-
8	.561	7.87	Av	.1	9.8	17.77	-	-	46	-28.23
9	1.776	22.84	Pk	.1	9.8	32.74	56	-23.26	-	-
10	1.785	3.12	Av	.1	9.8	13.02	-	-	46	-32.98
11	9.672	25.08	Pk	.1	10	35.18	60	-24.82	-	-
12	9.672	14.81	Av	.1	10	24.91	-	-	50	-25.09
13	13.563	23.1	Pk	.2	10	33.3	60	-26.7	-	-
14	13.56	12.78	Av	.2	10	22.98	-	-	50	-27.02

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

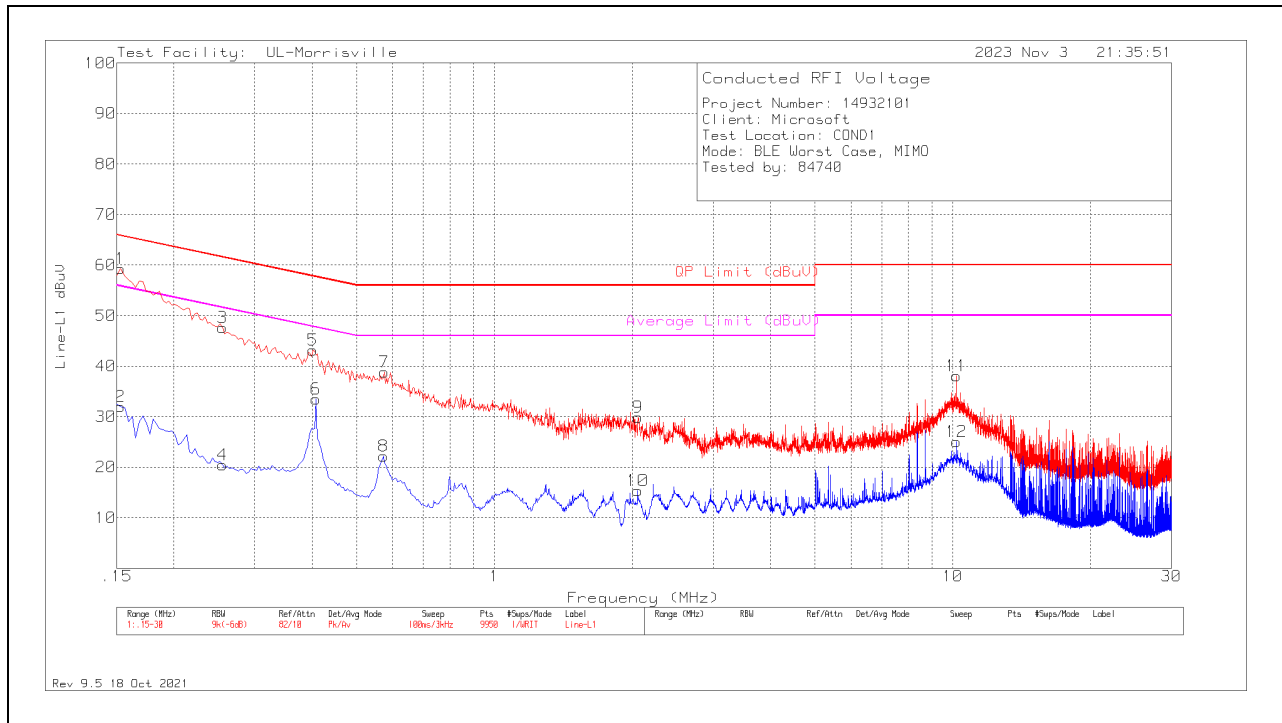


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
15	.153	48.42	Pk	.3	9.8	58.52	65.84	-7.32	-	-
16	.153	21.83	Av	.3	9.8	31.93	-	-	55.84	-23.91
17	.222	41.09	Pk	.2	9.8	51.09	62.74	-11.65	-	-
18	.225	13	Av	.2	9.8	23	-	-	52.63	-29.63
19	.399	32.82	Pk	.1	9.8	42.72	57.87	-15.15	-	-
20	.399	18.35	Av	.1	9.8	28.25	-	-	47.87	-19.62
21	.582	29.53	Pk	.1	9.8	39.43	56	-16.57	-	-
22	.576	11.45	Av	.1	9.8	21.35	-	-	46	-24.65
23	1.752	20.27	Pk	.1	9.8	30.17	56	-25.83	-	-
24	1.761	3.1	Av	.1	9.8	13	-	-	46	-33
25	8.664	27.88	Pk	.1	10	37.98	60	-22.02	-	-
26	8.664	22.57	Av	.1	10	32.67	-	-	50	-17.33
27	13.563	25.54	Pk	.2	10	35.74	60	-24.26	-	-
28	13.56	15.91	Av	.2	10	26.11	-	-	50	-23.89

Pk - Peak detector
 Av - Average detection

11.1.3. 2Tx MIMO

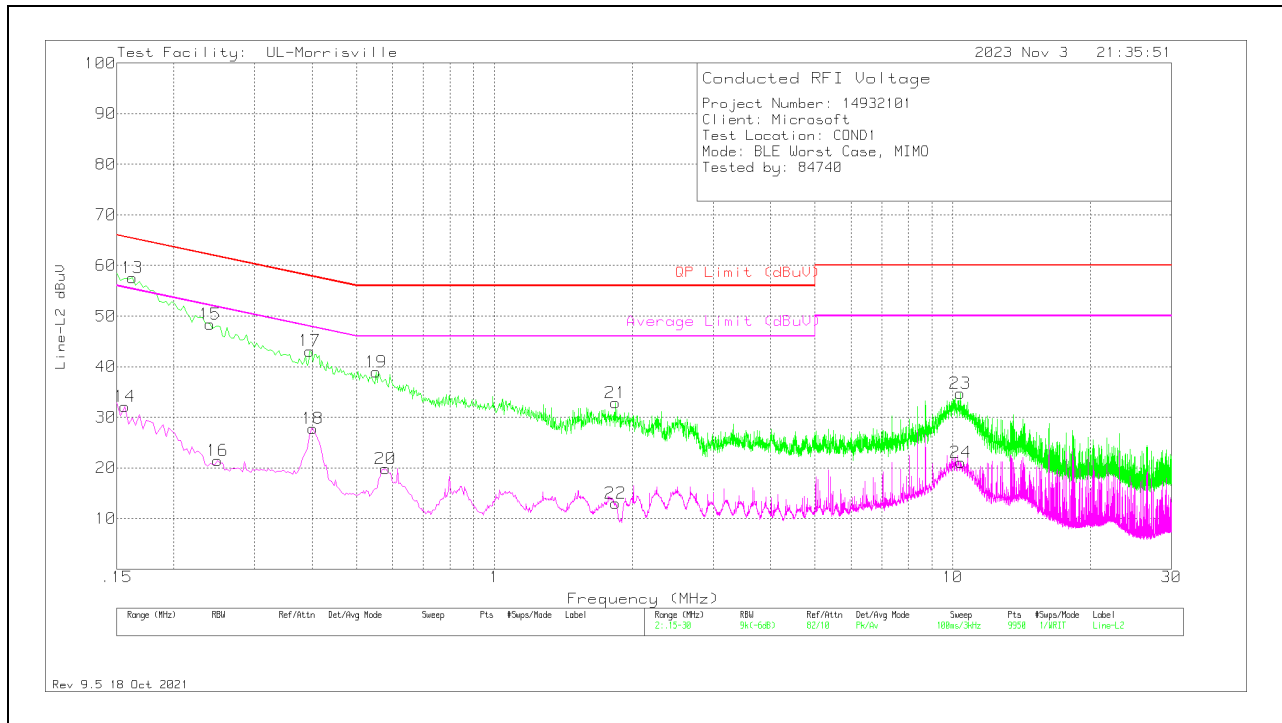
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBUV	QP Limit (dBUV)	Margin (dB)	Average Limit (dBUV)	Margin (dB)
1	.153	49.2	Pk	.3	9.8	59.3	65.84	-6.54	-	-
2	.153	21.84	Av	.3	9.8	31.94	-	-	55.84	-23.9
3	.255	37.64	Pk	.2	9.8	47.64	61.59	-13.95	-	-
4	.255	10.47	Av	.2	9.8	20.47	-	-	51.59	-31.12
5	.402	33.25	Pk	.1	9.8	43.15	57.81	-14.66	-	-
6	.408	23.55	Av	.1	9.8	33.45	-	-	47.69	-14.24
7	.576	28.93	Pk	.1	9.8	38.83	56	-17.17	-	-
8	.573	12.3	Av	.1	9.8	22.2	-	-	46	-23.8
9	2.058	20.03	Pk	.1	9.8	29.93	56	-26.07	-	-
10	2.055	5.45	Av	.1	9.8	15.35	-	-	46	-30.65
11	10.179	27.94	Pk	.1	10	38.04	60	-21.96	-	-
12	10.179	15	Av	.1	10	25.1	-	-	50	-24.9

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.162	47.46	Pk	.3	9.8	57.56	65.36	-7.8	-	-
14	.156	21.97	Av	.3	9.8	32.07	-	-	55.67	-23.6
15	.24	38.42	Pk	.2	9.8	48.42	62.1	-13.68	-	-
16	.249	11.4	Av	.2	9.8	21.4	-	-	51.79	-30.39
17	.396	33.21	Pk	.1	9.8	43.11	57.94	-14.83	-	-
18	.402	17.87	Av	.1	9.8	27.77	-	-	47.81	-20.04
19	.552	29.02	Pk	.1	9.8	38.92	56	-17.08	-	-
20	.579	9.91	Av	.1	9.8	19.81	-	-	46	-26.19
21	1.836	22.98	Pk	.1	9.8	32.88	56	-23.12	-	-
22	1.839	3.07	Av	.1	9.8	12.97	-	-	46	-33.03
23	10.386	24.64	Pk	.1	10	34.74	60	-25.26	-	-
24	10.416	10.96	Av	.1	10	21.06	-	-	50	-28.94

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R14932101-EP1a for setup photos

END OF TEST REPORT