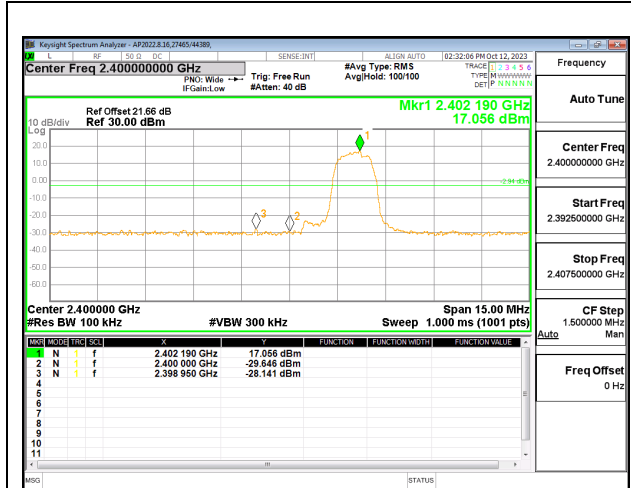
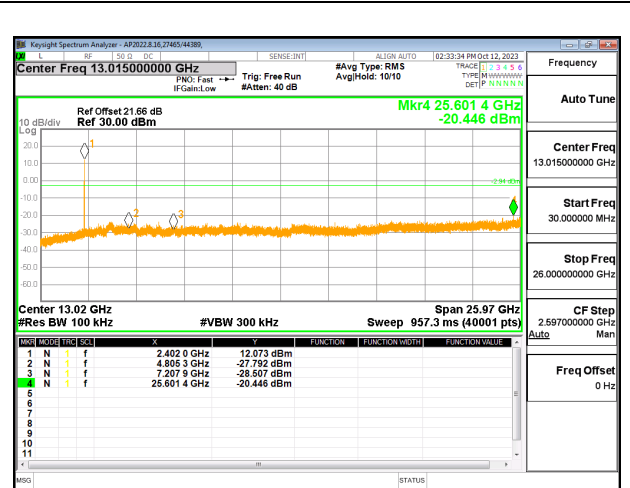


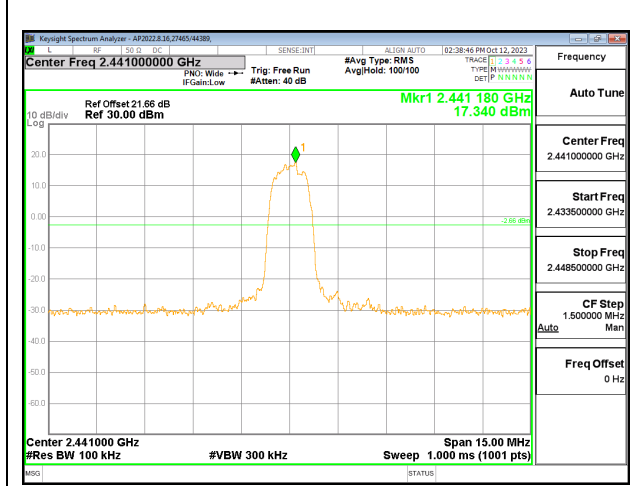
**CHAIN 1 SPURIOUS EMISSIONS, NON-HOPPING**



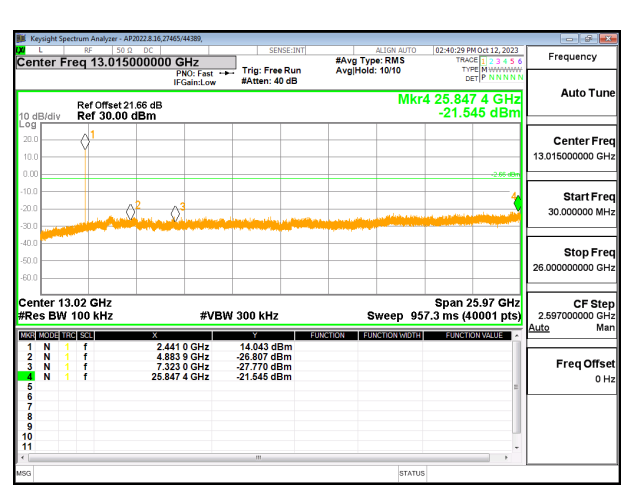
**LOW CHANNEL BANDEDGE**



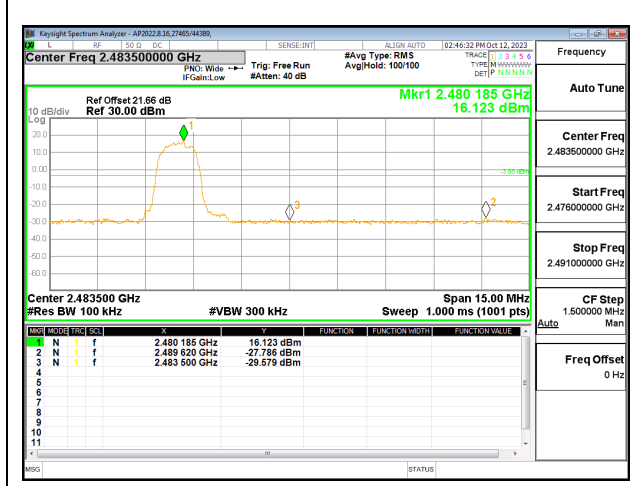
**OUT-OF-BAND LOW CHANNEL**



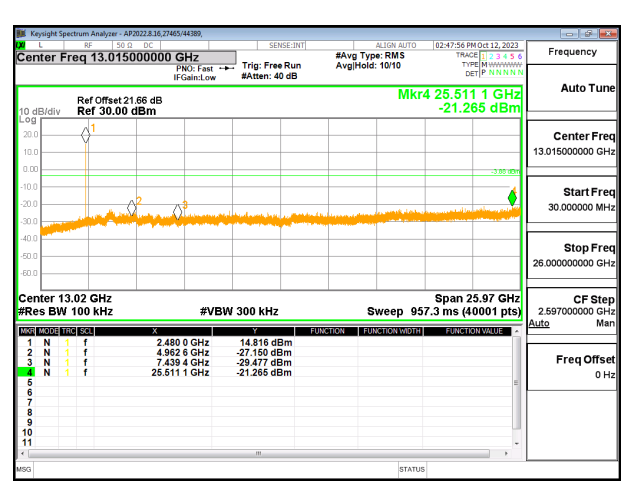
**IN-BAND REFERENCE LEVEL**



**OUT-OF-BAND MID CHANNEL**

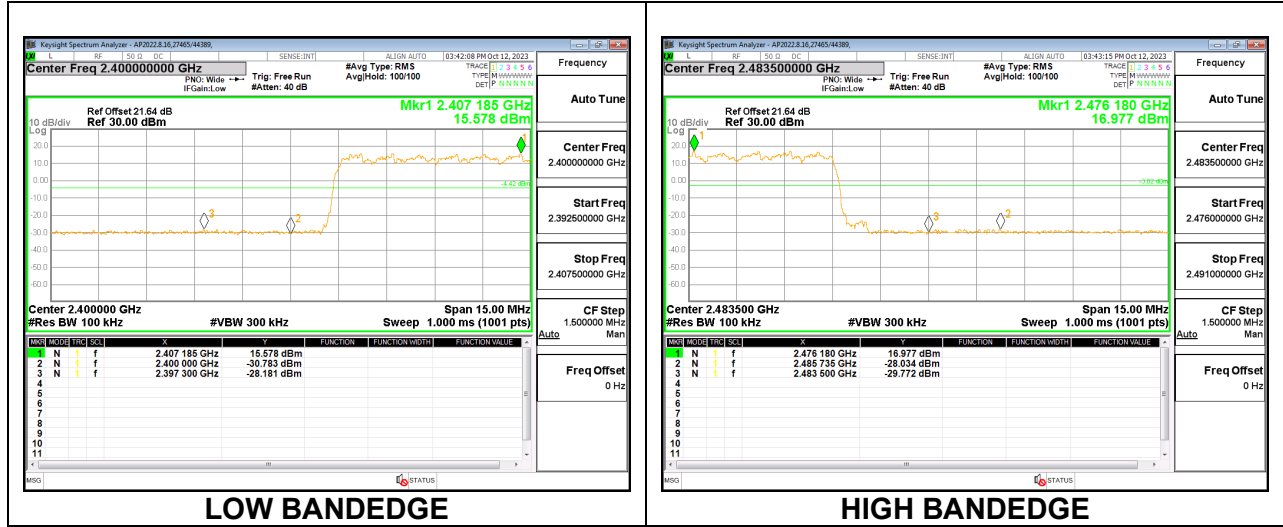


**HIGH CHANNEL BANDEDGE**



**OUT-OF-BAND HIGH CHANNEL**

**CHAIN 1 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON**



## 9.10. CONDUCTED SPURIOUS EMISSIONS – MIMO RESTRICTED BAND

### LIMITS

FCC §15.205 and §15.209

Frequency Range (MHz)	Field Strength (dBuV/m)	Measurement Distance (m)
0.009 - 0.490	$20 \cdot \log[2400/F(\text{kHz})]$	300
0.490 - 1.705	$20 \cdot \log[24000/F(\text{kHz})]$	30
1.705 - 30	29.5	30
30 - 88	40	3
88 - 216	43.5	3
216 - 960	46	3
Above 960	54	3

### TEST PROCEDURE

Conducted measurements were made for this test.

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 peak measurements above 1 GHz, the resolution bandwidth is set to 1 MHz and the video bandwidth is set to 3 MHz.

The spectrum from 9 kHz to 26 GHz is investigated with the transmitter set to the channels/modes as described in Section 6.5.

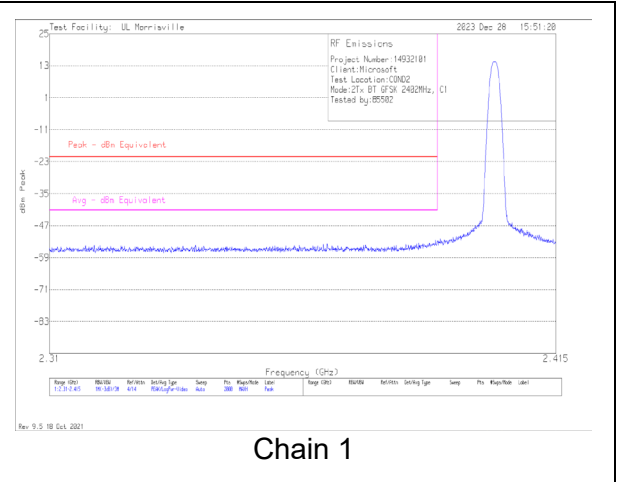
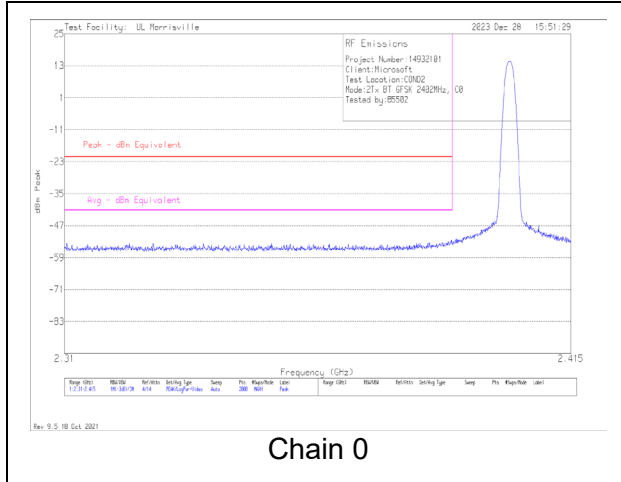
### **KDB 558074 D01 15.247 Meas Guidance v05r02**

Use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the field strength limit (e.g., within a Government Restricted band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (i.e., not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector. Note that Section 15.35(c) specifies that the DCCF shall represent the worst-case (greatest duty cycle) over any 100 msec transmission period.

Note: The DCCF used was calculated based on the worst case on-time when the device transmits DH5 packets and operates on 20 channels (5/1600 s per hop = 3.125 ms per channel). In this mode, the device will have a maximum of 2 hops on a channel in 100ms or  $2 \times 3.125 \text{ ms} = 6.25 \text{ ms}$  on any channel. Therefore,  $20 \log(6.25 / 100) = -24 \text{ dB}$ . This value was subtracted from the peak measurement to obtain a calculated Voltage Average value.

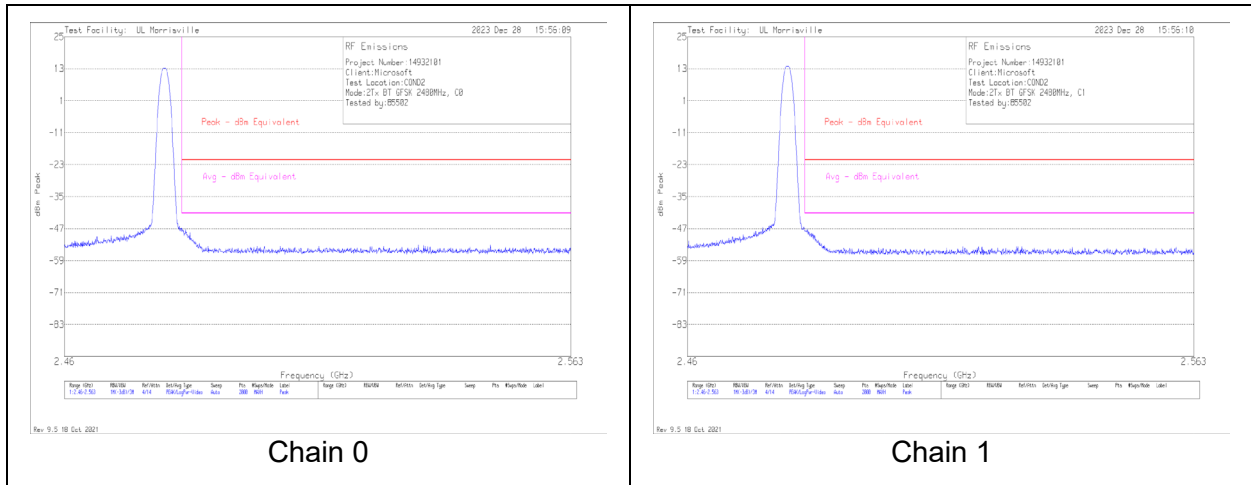
### 9.10.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

#### LOW CHANNEL RESTRICTED BAND EDGE



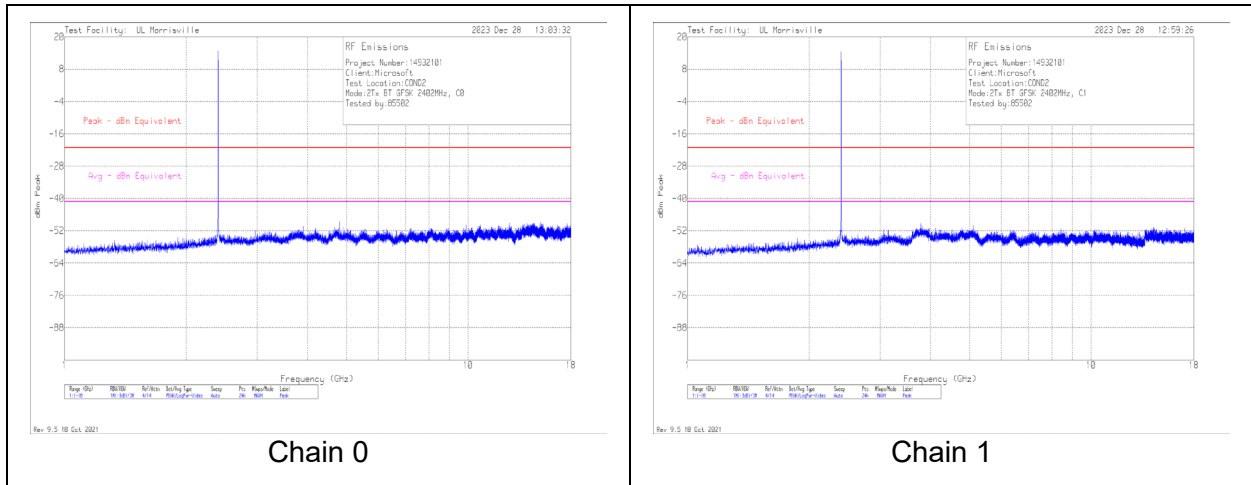
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.389577	-53.78	-52.54	-43.26	52.00	74	-22.00	28.00	54	-26.00

**HIGH CHANNEL RESTRICTED BAND EDGE**



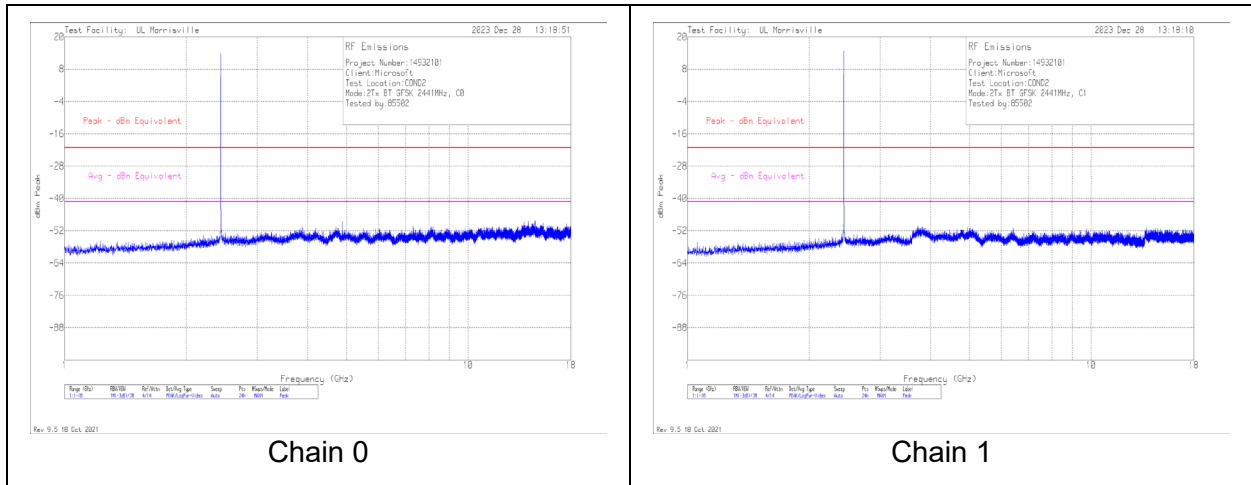
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.48365	-47.66	-47.85	-37.89	57.36	74	-16.64	33.36	54	-20.64

**LOW CHANNEL SPURIOUS: 1-18 GHz**



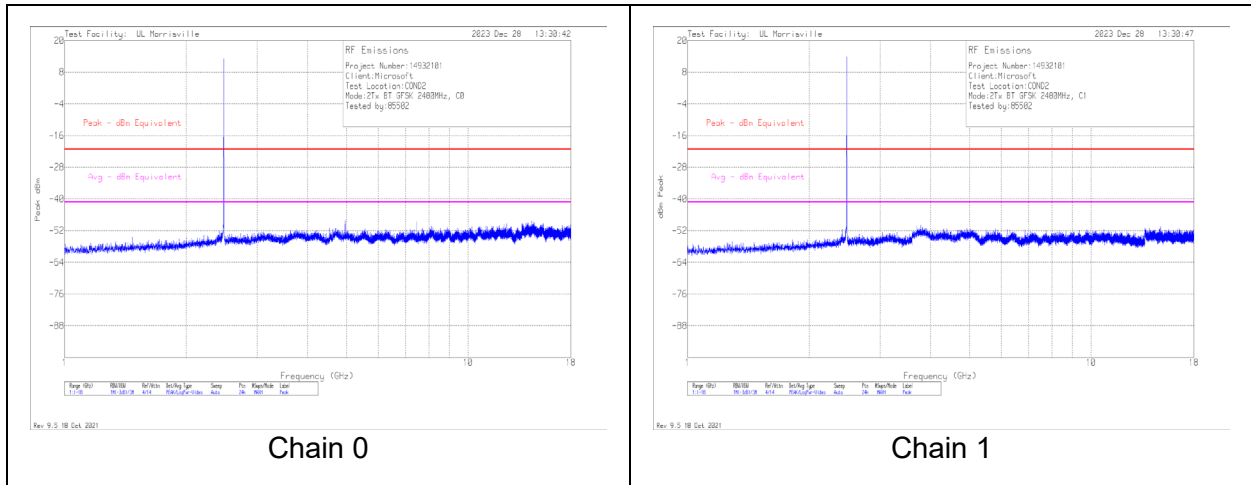
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.803909	-48.65	-51.37	-39.94	55.32	74	-18.68	31.32	54	-22.68

**MID CHANNEL SPURIOUS: 1-18 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.881829	-48.58	-53.27	-35.60	59.66	74	-14.34	35.66	54	-18.34

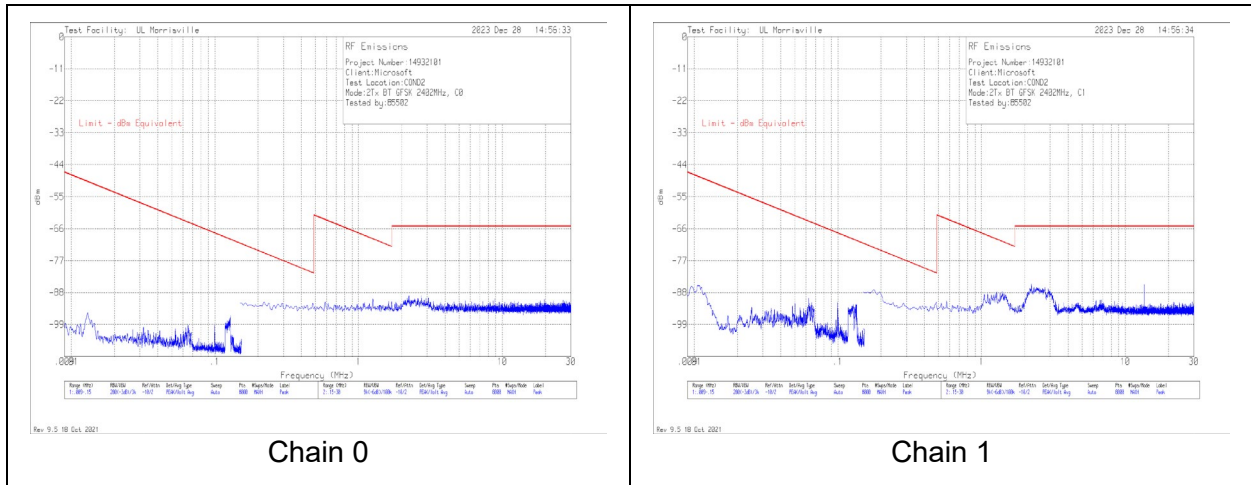
**HIGH CHANNEL SPURIOUS: 1-18 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.959749	-48.15	-52.46	-39.93	55.33	74	-18.67	31.33	54	-22.67

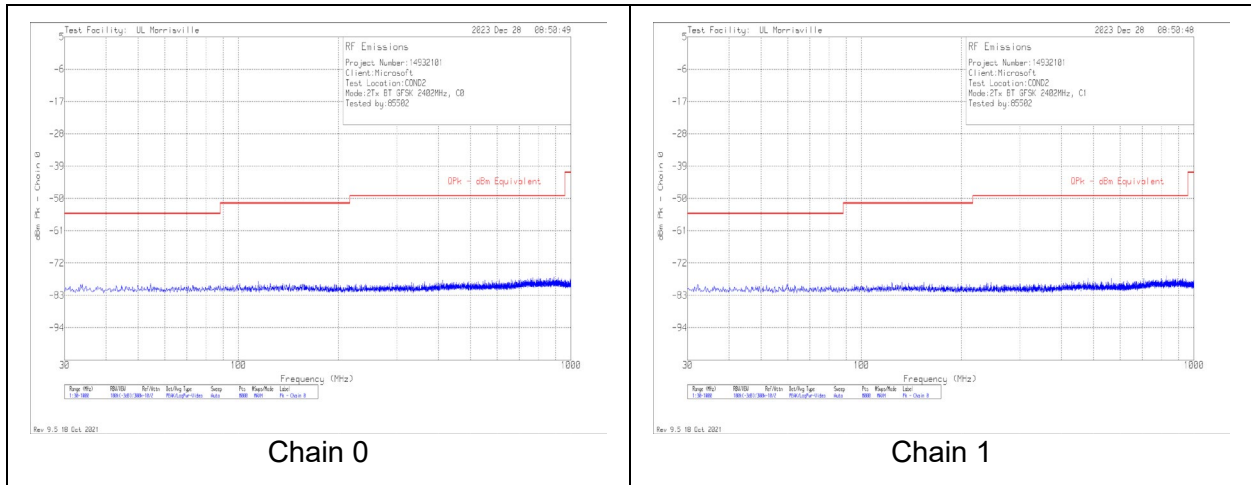


**WORSE-CASE CHANNEL SPURIOUS: 0.009-30 MHz**



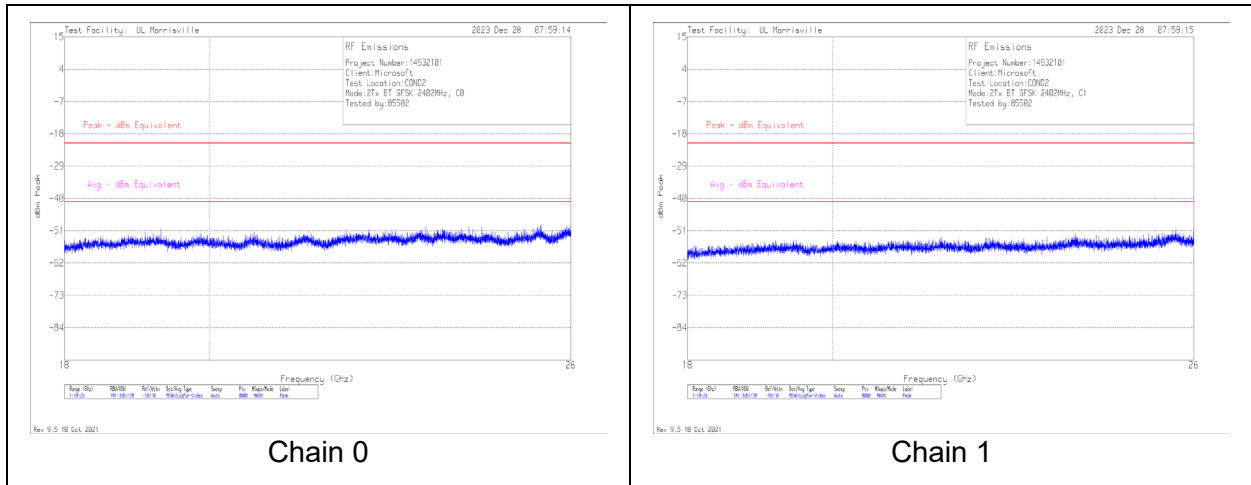
		Meas. Dist (m)				
Array Gain (dBi)	6.85	9-490kHz	0.49-30MHz			
GRF (dB):	6	300	30			
Frequency (MHz)	Meter PK Reading Chain 1 (dBm)	Meter PK Reading Chain 2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	AV/QP E-field Limit (dBuV/m)	Margin (dB)
4.2920	-90.87	-85.11	-71.24	4.02	46	-41.98

**WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)				
6.85	4.7	3				
Frequency (MHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	QPK E-field Limit (dBuV/m)	Margin (dB)
33.88	-79.14	-79.95	-64.97	30.29	40	-9.71

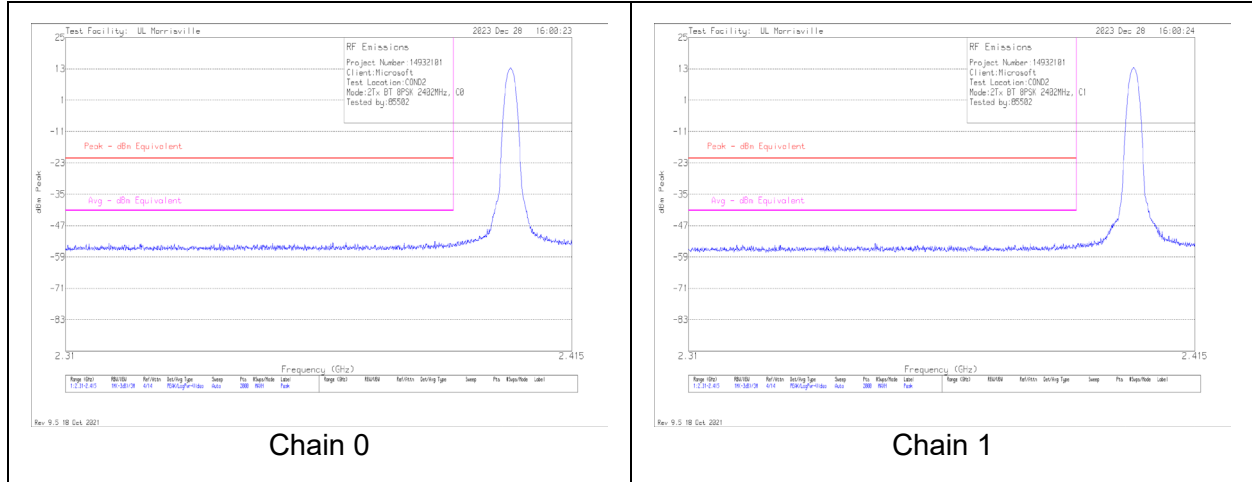
**WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
25.984	-49.33	-53.65	-41.11	54.14	74	-19.86	30.14	54	-23.86

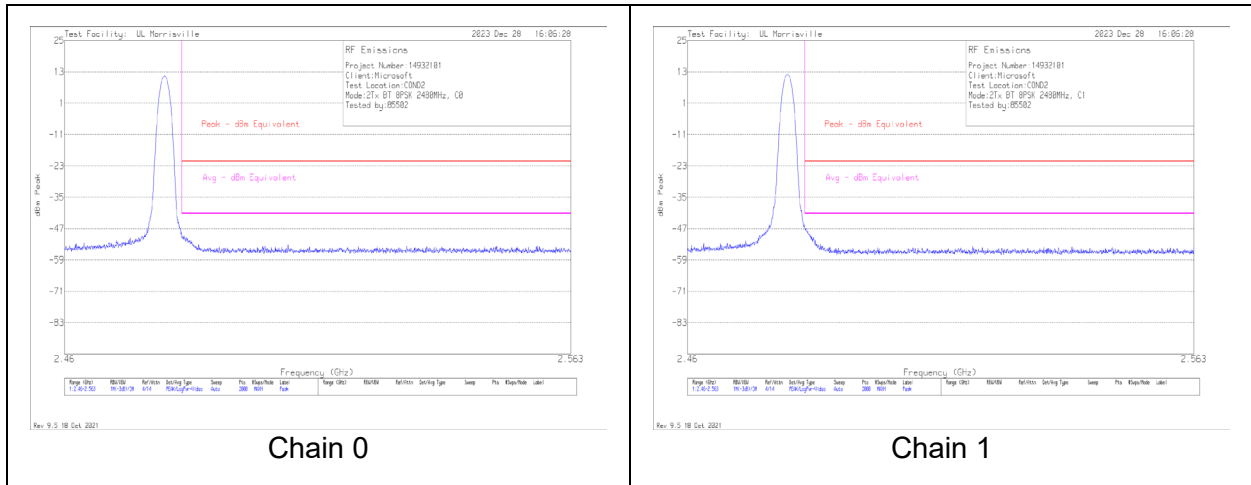
## 9.10.2. BLUETOOTH BASIC DATA RATE 8PSK MODULATION

### LOW CHANNEL RESTRICTED BAND EDGE



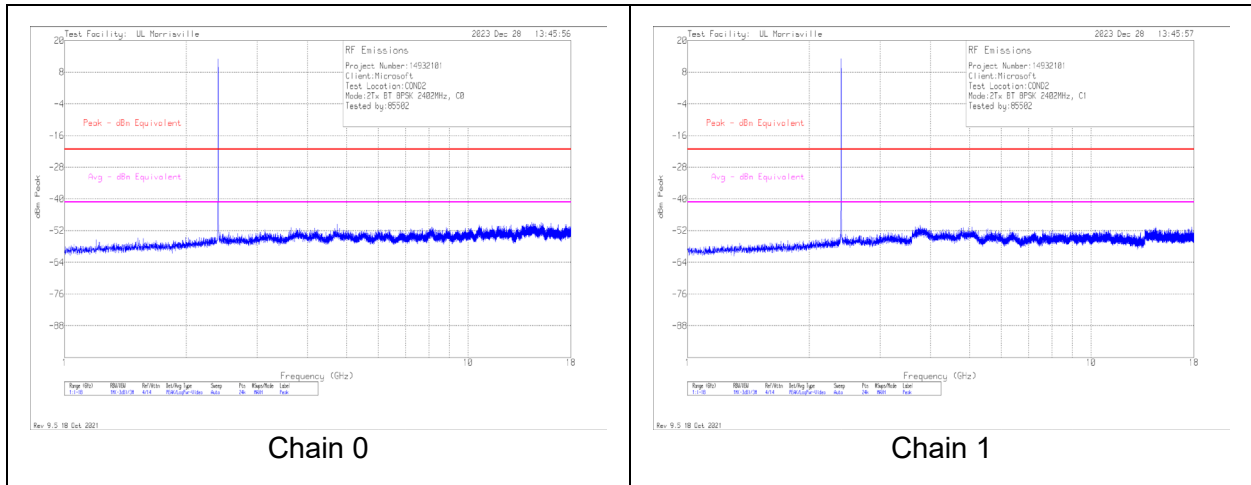
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.389367	-53.76	-54.42	-44.22	51.04	74	-22.96	27.04	54	-26.96

**HIGH CHANNEL RESTRICTED BAND EDGE**



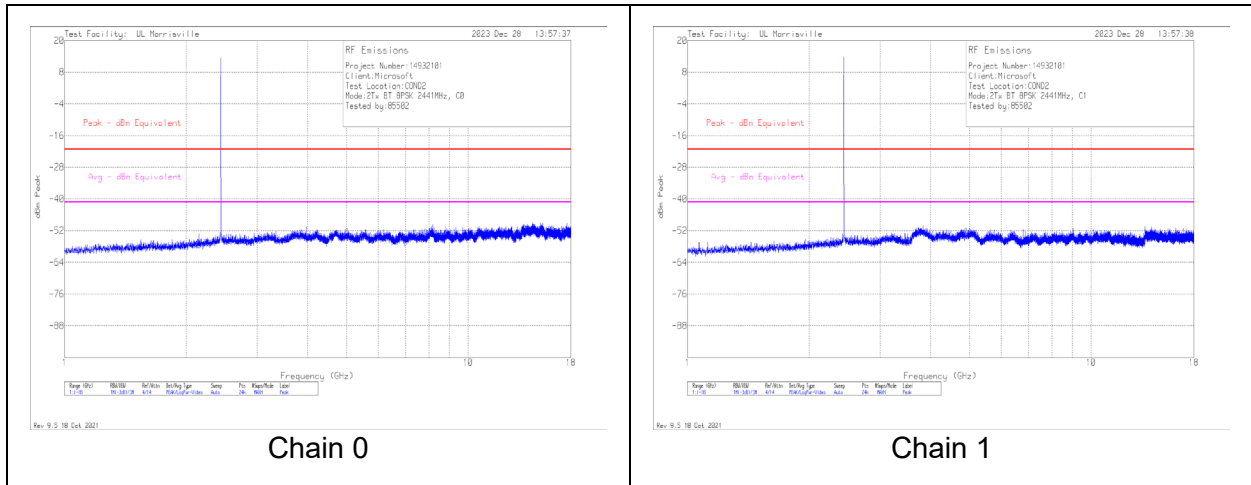
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.483702	-50.54	-46.98	-38.54	56.71	74	-17.29	32.71	54	-21.29

**LOW CHANNEL SPURIOUS: 1-18 GHz**



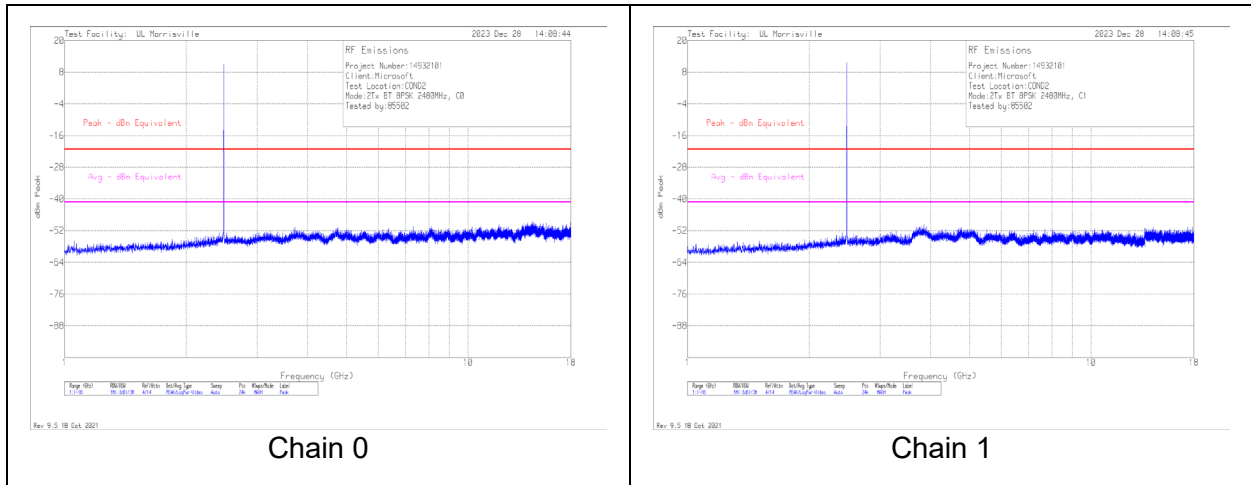
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
14.402228	-48.79	-54.42	-40.89	54.37	74	-19.63	30.37	54	-23.63

**MID CHANNEL SPURIOUS: 1-18 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
14.446146	-48.87	-52.38	-35.57	59.69	74	-14.31	35.69	54	-18.31

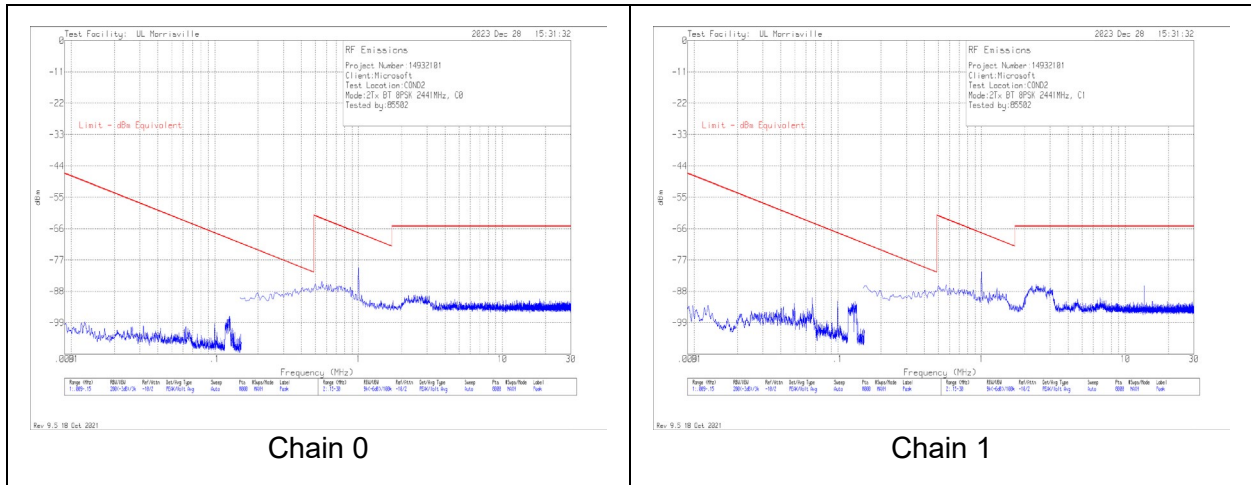
**HIGH CHANNEL SPURIOUS: 1-18 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.48402	-52.39	-48.65	-35.52	59.74	74	-14.26	35.74	54	-18.26

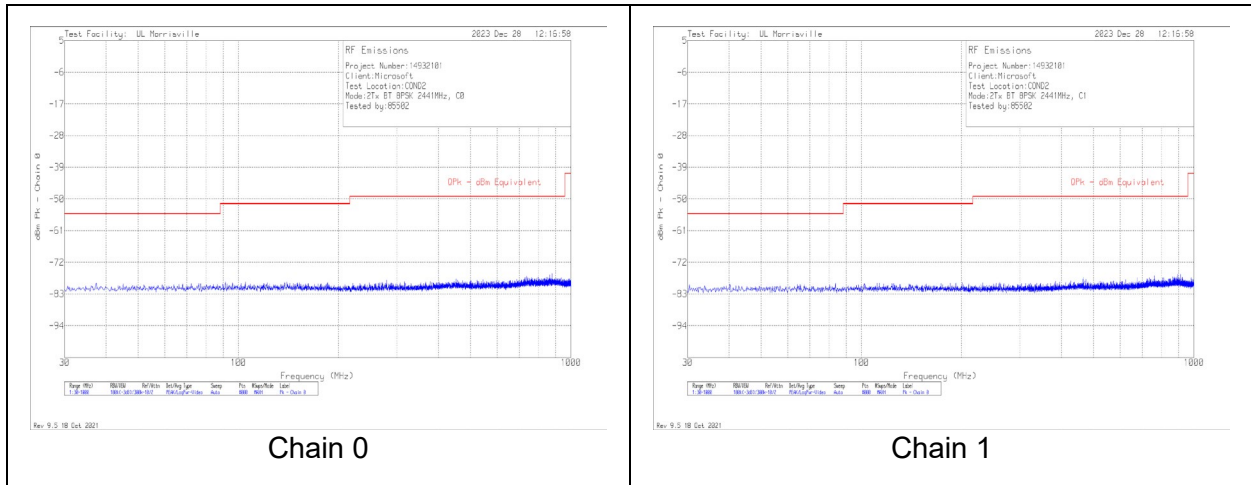


**WORSE-CASE CHANNEL SPURIOUS: 0.009-30 MHz**



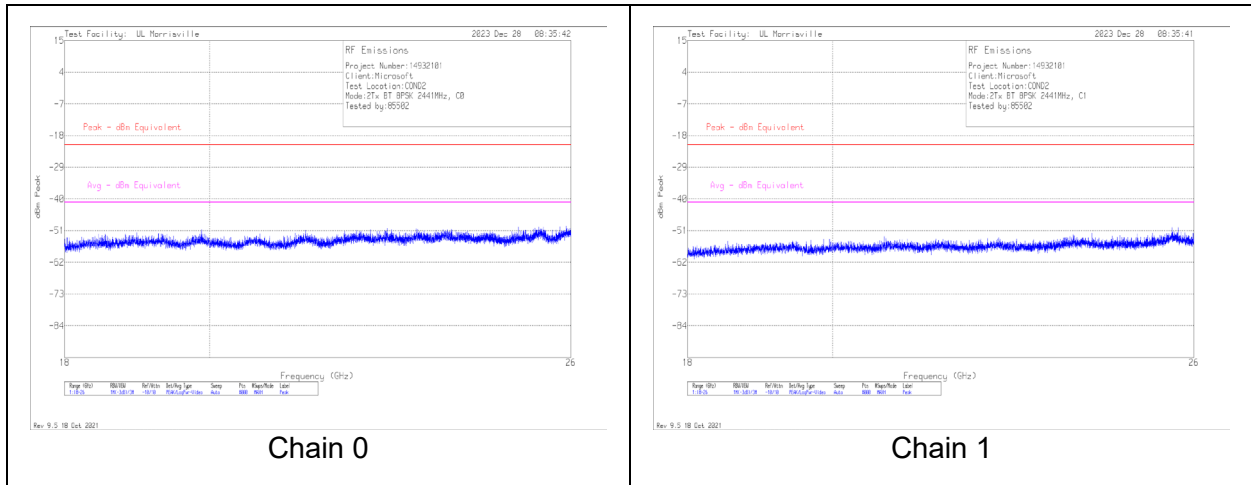
		Meas. Dist (m)				
Array Gain (dBi)	6.85	9-490kHz	0.49-30MHz			
GRF (dB):	6	300	30			
Frequency (MHz)	Meter PK Reading Chain 1 (dBm)	Meter PK Reading Chain 2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	AV/QP E-field Limit (dBuV/m)	Margin (dB)
1.8516	-79.7	-81.07	-64.47	10.79	46	-35.21

**WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)				
6.85	4.7	3				
Frequency (MHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	QPK E-field Limit (dBuV/m)	Margin (dB)
80.32	-79.84	-79.81	-65.26	29.99	40	-10.01

**WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz**



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.85	0	3							
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)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
25.482	-49.86	-52.43	-41.10	54.16	74	-19.84	30.16	54	-23.84

## 10. RADIATED TEST RESULTS

### 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.

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.

### **KDB 558074 D01 15.247 Meas Guidance v05r02**

Use of a duty cycle correction factor (DCCF) is permitted for calculating average radiated field strength emission levels for an FHSS device in 15.247. This DCCF can be applied when the field strength limit (e.g., within a Government Restricted band) and the conditions specified in Section 15.35(c) can be satisfied. The average radiated field strength is calculated by subtracting the DCCF from the maximum radiated field strength level as determined through measurement. The maximum radiated field strength level represents the worst-case (maximum amplitude) RMS measurement of the emission(s) during continuous transmission (i.e., not including any time intervals during which the transmitter is off or is transmitting at a reduced power level). It is also acceptable to apply the DCCF to a measurement performed with a peak detector instead of the specified RMS power averaging detector. Note that Section 15.35(c) specifies that the DCCF shall represent the worst-case (greatest duty cycle) over any 100 msec transmission period.

Note: The DCCF used was calculated based on the worst case on-time when the device transmits DH5 packets and operates on 20 channels (5/1600 s per hop = 3.125 ms per channel). In this mode, the device will have a maximum of 2 hops on a channel in 100ms or  $2 \times 3.125 \text{ ms} = 6.25 \text{ ms}$  on any channel. Therefore,  $20 \log(6.25 / 100) = -24 \text{ dB}$ . This value was subtracted from the peak measurement to obtain a calculated Voltage Average value.

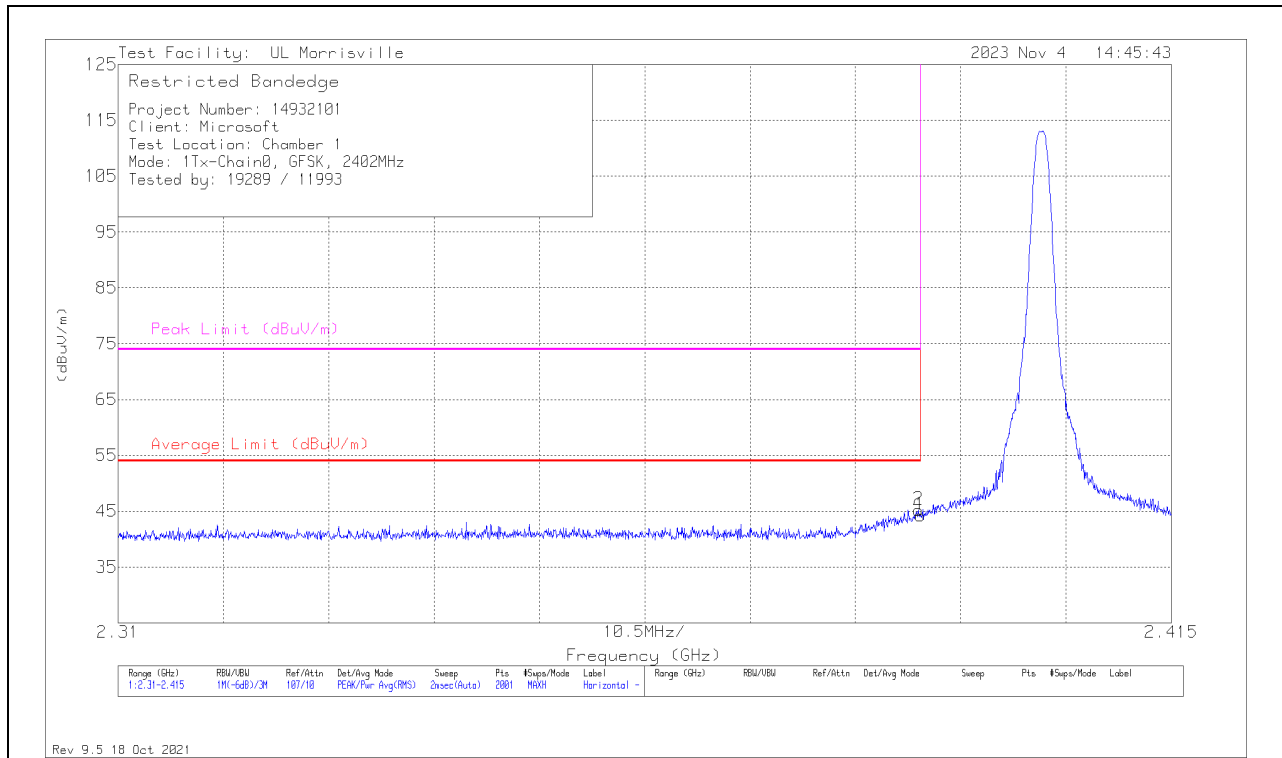
## 10.1. TRANSMITTER ABOVE 1 GHz

### 10.1.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

#### CHAIN 0

#### BANDEDGE (LOW CHANNEL)

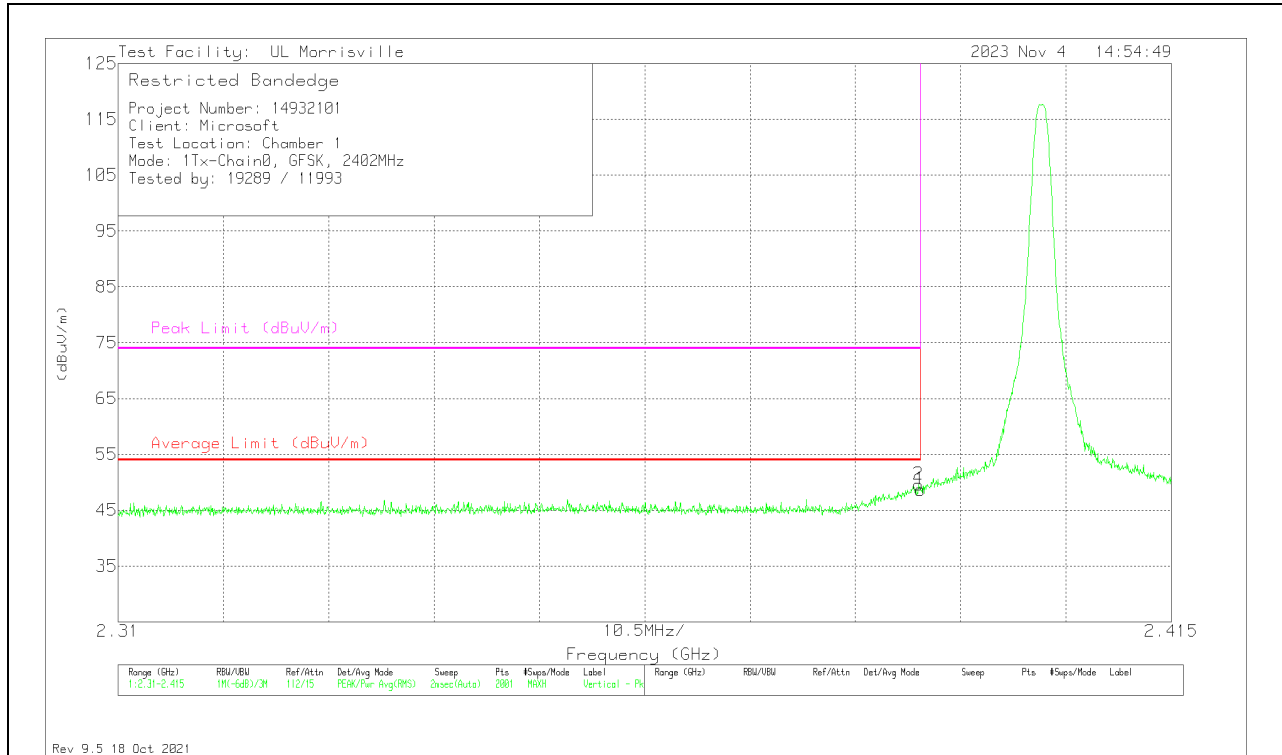
#### HORIZONTAL RESULT



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	36.38	Pk	32.1	-24.2	0	44.28	-	-	74	-29.72	27	371	H
	** 2.38996	36.38	Pk	32.1	-24.2	-24	20.28	54	-33.72	-	-	27	371	H
2	*** 2.3898	37.34	Pk	32.1	-24.2	0	45.24	-	-	74	-28.76	27	371	H
	** 2.3898	37.34	PK	32.1	-24.2	-24	21.24	54	-32.76	-	-	27	371	H

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

### VERTICAL RESULT

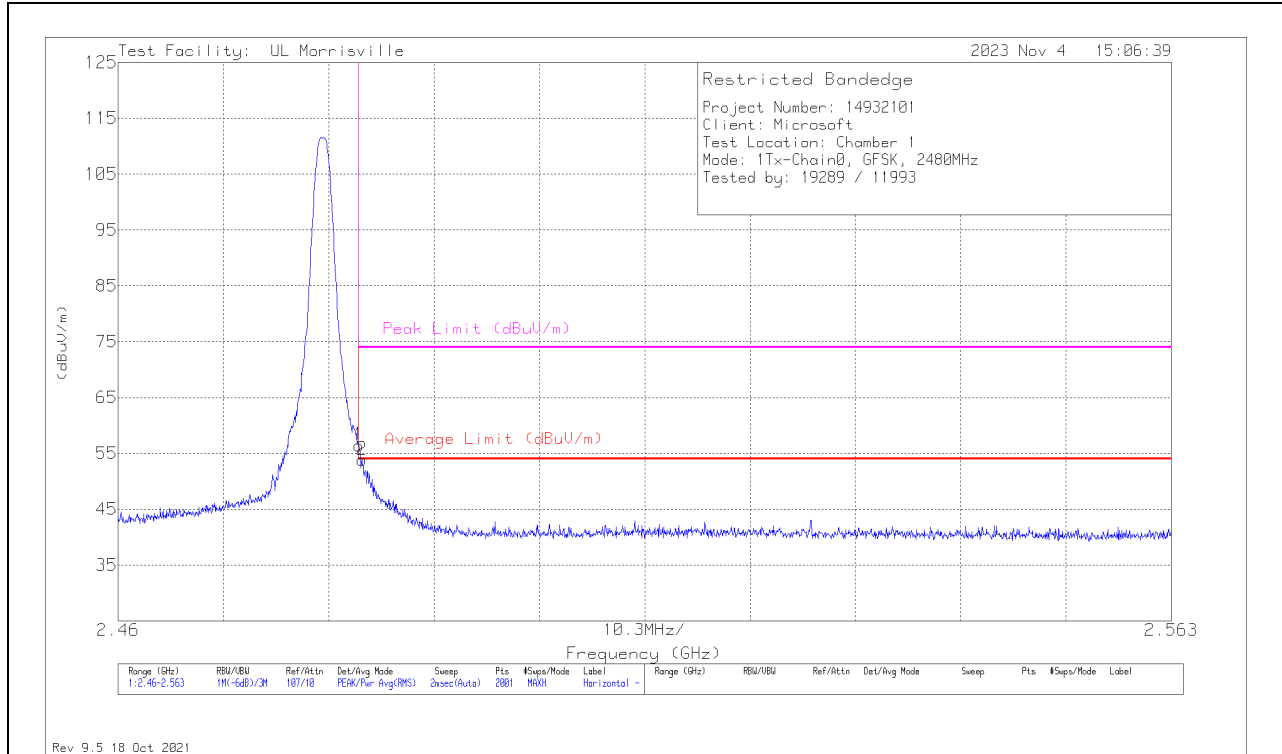


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	40.78	Pk	32.1	-24.2	0	48.68	-	-	74	-25.32	328	319	V
	*** 2.38996	40.78	Pk	32.1	-24.2	-24	24.68	54	-29.32	-	-	328	319	V
2	*** 2.3898	41.69	Pk	32.1	-24.2	0	49.59	-	-	74	-24.41	328	319	V
	*** 2.3898	41.69	Pk	32.1	-24.2	-24	25.59	54	-28.41	-	-	328	319	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

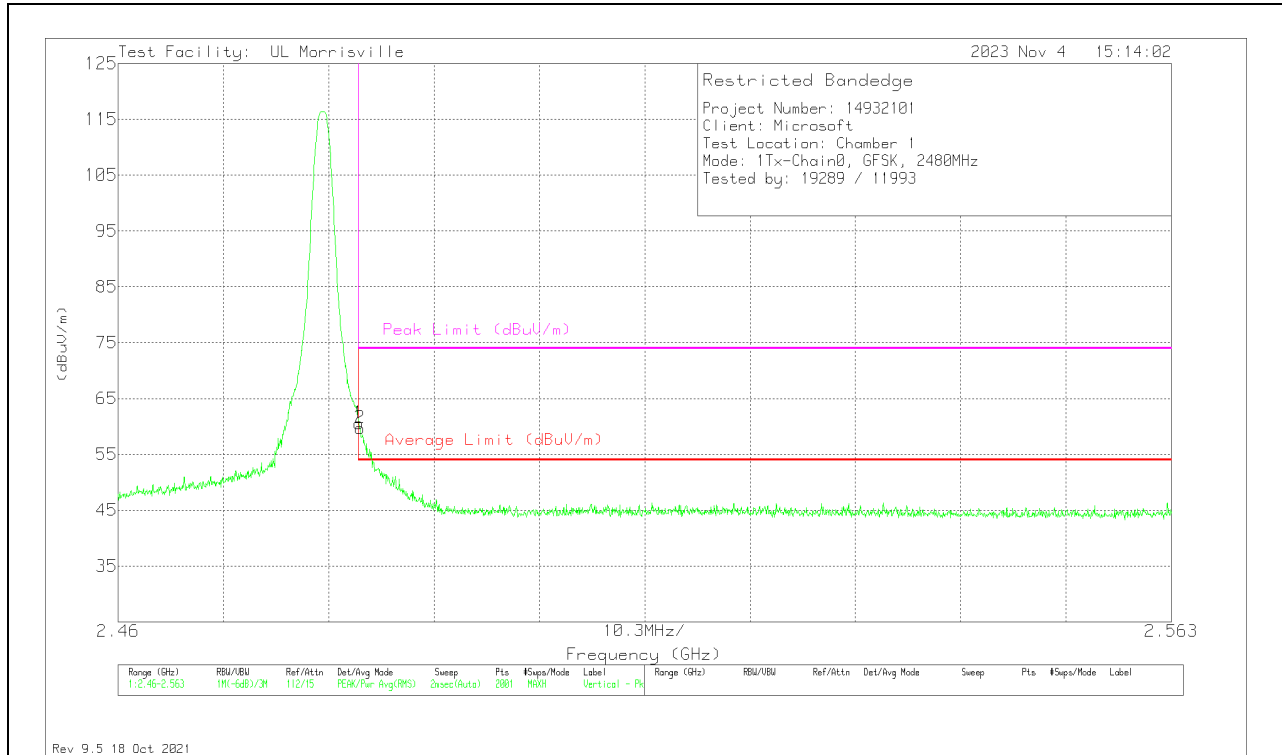


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	48.66	Pk	32.3	-24.5	0	56.46	-	-	74	-17.54	26	385	H
	*** 2.48354	48.66	Pk	32.3	-24.5	-24	32.46	54	-21.54	-	-	26	385	H
2	*** 2.48384	46.06	Pk	32.3	-24.5	0	53.86	-	-	74	-20.14	26	385	H
	*** 2.48384	46.06	Pk	32.3	-24.5	-24	29.86	54	-24.14	-	-	26	385	H

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



### VERTICAL RESULT

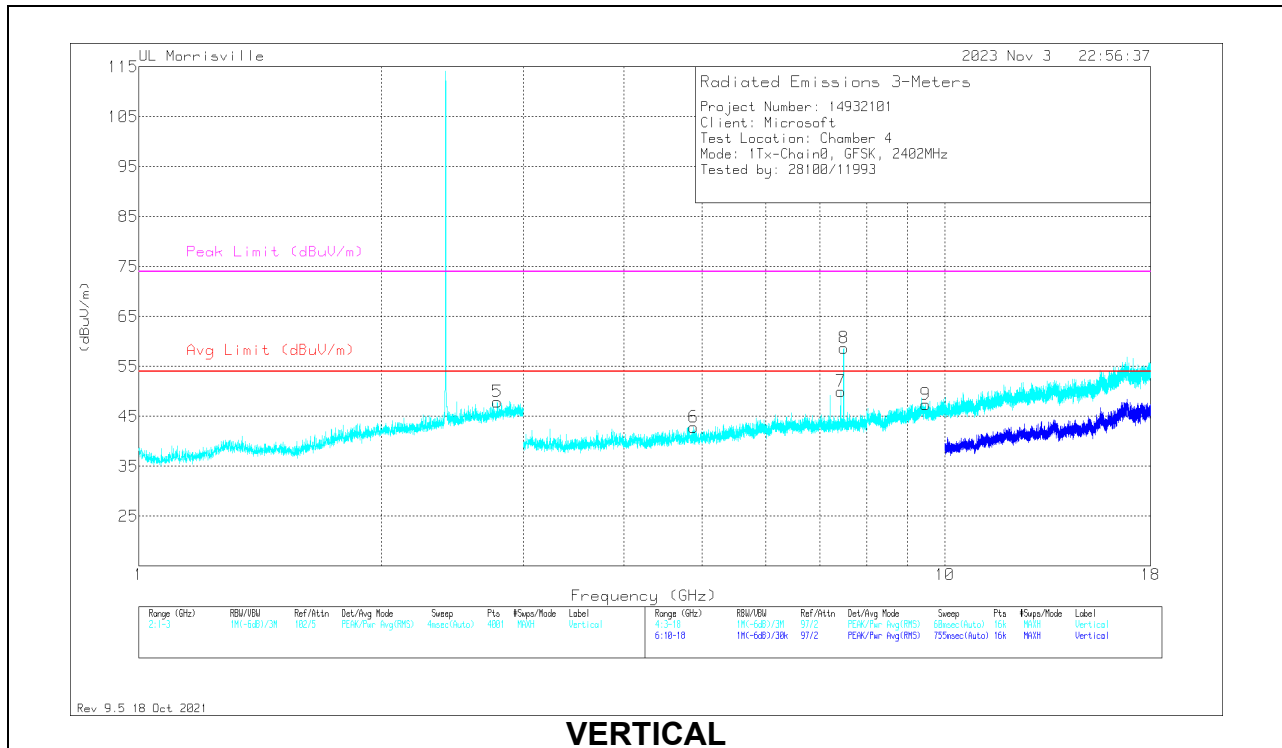
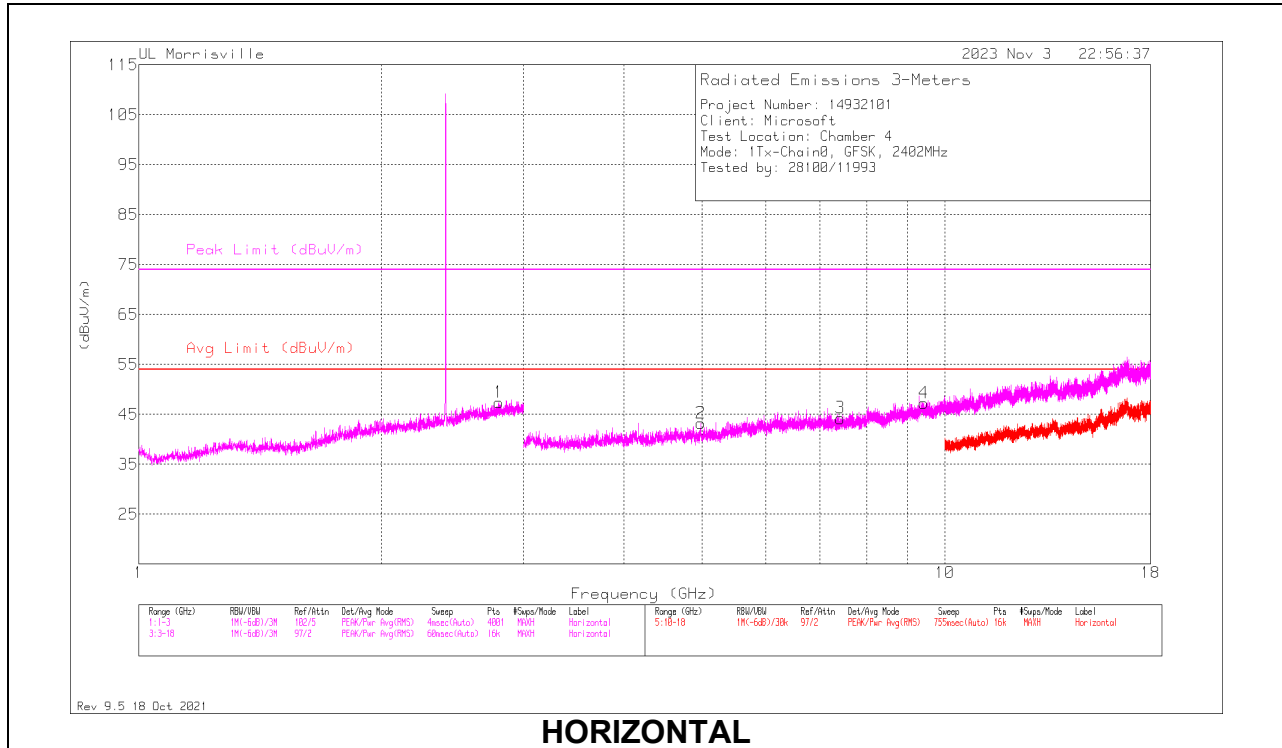


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	52.72	Pk	32.3	-24.5	0	60.52	-	-	74	-13.48	336	337	V
	*** 2.48354	52.72	Pk	32.3	-24.5	-24	36.52	54	-17.48	-	-	336	337	V
2	*** 2.48369	51.87	Pk	32.3	-24.5	0	59.67	-	-	74	-14.33	336	337	V
	*** 2.48369	51.87	Pk	32.3	-24.5	-24	32.67	54	-21.33	-	-	336	337	V

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

# 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	*** 2.795	27.13	Pk	32.6	-12.3	0	47.43	54	-6.57	74	-26.57	0-360	100	H
5	*** 2.785	27.75	Pk	32.6	-12.5	0	47.85	54	-6.15	74	-26.15	0-360	200	V
2	*** 4.98281	40.75	Pk	34	-31.5	0	43.25	54	-10.75	74	-30.75	0-360	100	H
3	*** 7.41469	36.71	Pk	35.6	-28.1	0	44.21	54	-9.79	74	-29.79	0-360	100	H
4	*** 9.41531	36.1	Pk	36.6	-25.4	0	47.3	54	-6.7	74	-26.7	0-360	100	H
6	*** 4.87594	40.24	Pk	34	-31.4	0	42.84	54	-11.16	74	-31.16	0-360	200	V
7	*** 7.42781	46.32	PK2	35.7	-28.3	0	53.72	-	-	74	-20.28	4	139	V
	*** 7.42781	46.32	PK2	35.7	-28.3	-24	29.72	54	-24.28	-	-	4	139	V
8	*** 7.49902	54.25	PK2	35.6	-28	0	61.85	-	-	74	-12.15	20	301	V
	*** 7.49902	54.25	PK2	35.6	-28	-24	37.85	54	-16.15	-	-	20	301	V
9	*** 9.46125	36.6	Pk	36.7	-25.9	0	47.4	54	-6.6	74	-26.6	0-360	200	V

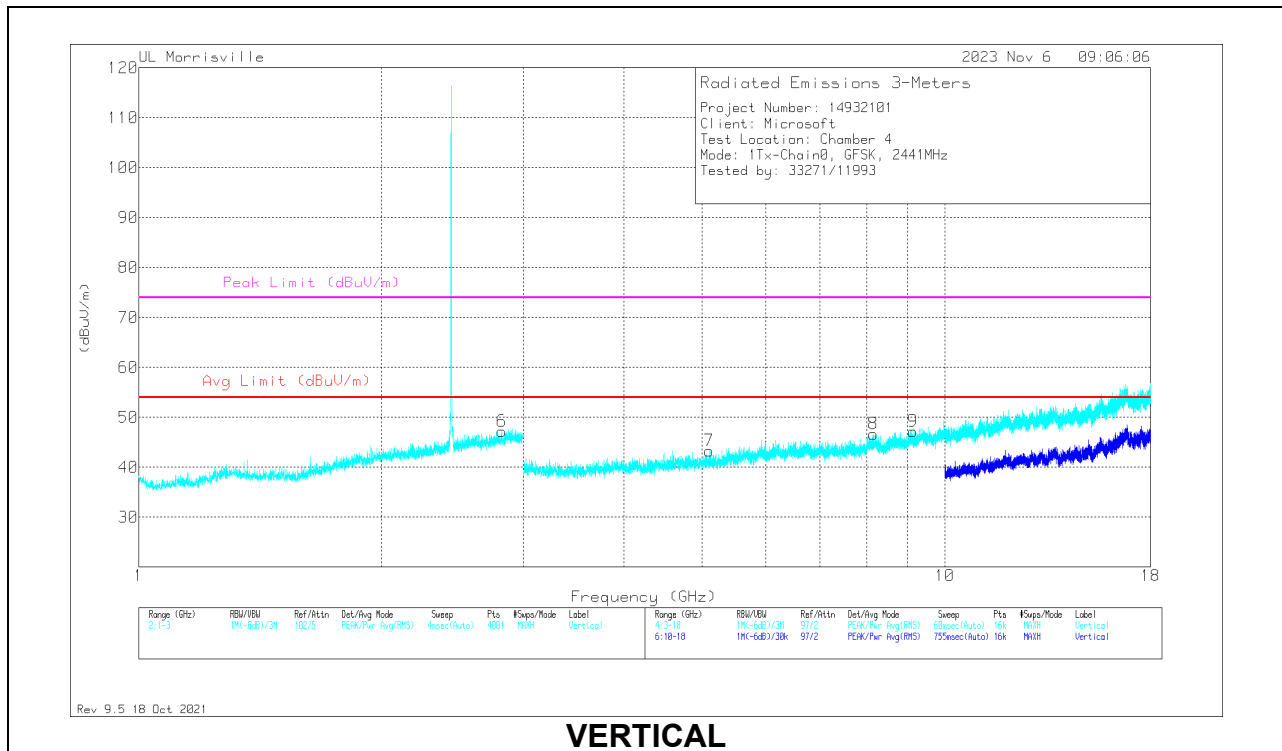
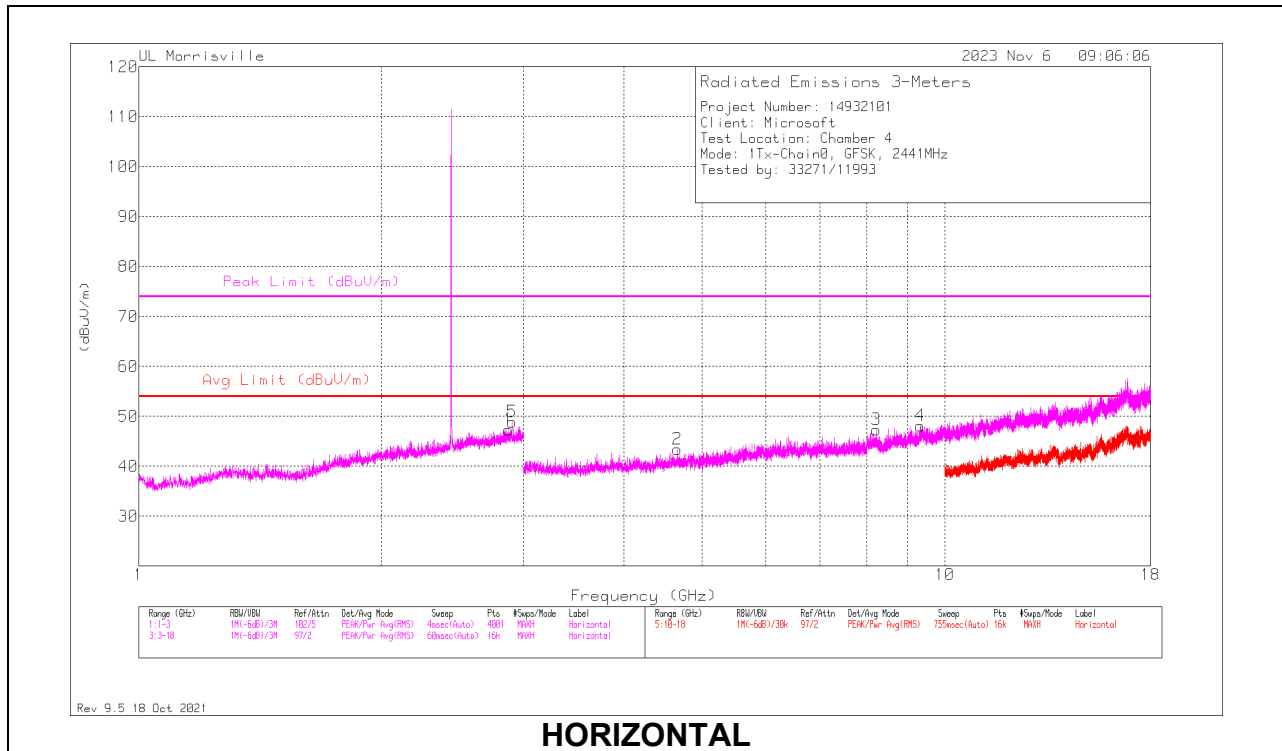
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 - Maximum Peak

### 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	*** 2.873	27.08	Pk	32.4	-12.2	0	47.28	54	-6.72	74	-26.72	0-360	100	H
6	*** 2.82	27.09	Pk	32.4	-12.3	0	47.19	54	-6.81	74	-26.81	0-360	200	V
2	*** 4.6575	40.67	Pk	34.1	-31.4	0	43.37	54	-10.63	74	-30.63	0-360	100	H
3	*** 8.22938	38.18	Pk	35.8	-26.7	0	47.28	54	-6.72	74	-26.72	0-360	100	H
4	*** 9.32887	37.06	PK2	36.5	-24.9	0	48.66	-	-	74	-25.34	271	179	H
	*** 9.32887	37.06	PK2	36.5	-24.9	-24	24.66	54	-29.34	-	-	271	179	H
7	*** 5.1	40.79	Pk	34.1	-31.6	0	43.29	54	-10.71	74	-30.71	0-360	200	V
8	*** 8.15906	37.91	Pk	35.8	-27	0	46.71	54	-7.29	74	-27.29	0-360	200	V
9	*** 9.12563	36.1	Pk	36.3	-25.2	0	47.2	54	-6.8	74	-26.8	0-360	200	V
5	2.903	28.26	Pk	32.5	-11.9	0	48.86	-	-	-	-	0-360	100	H

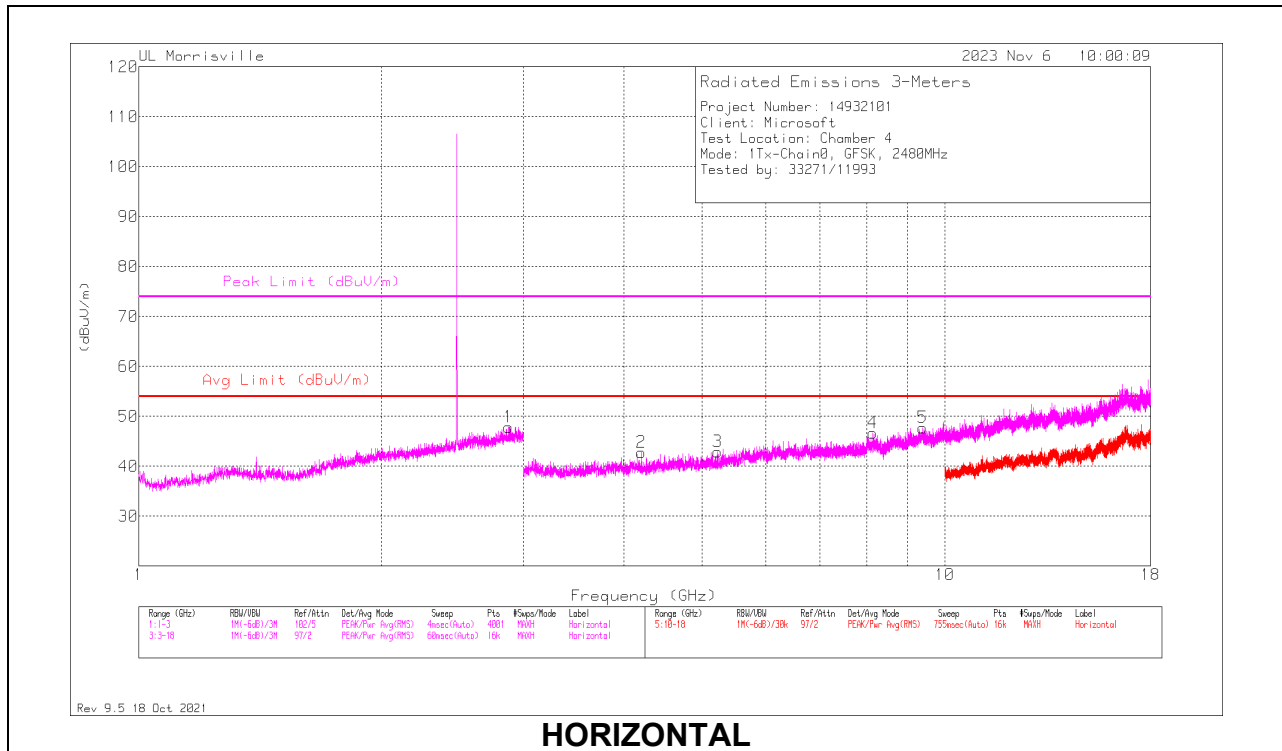
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

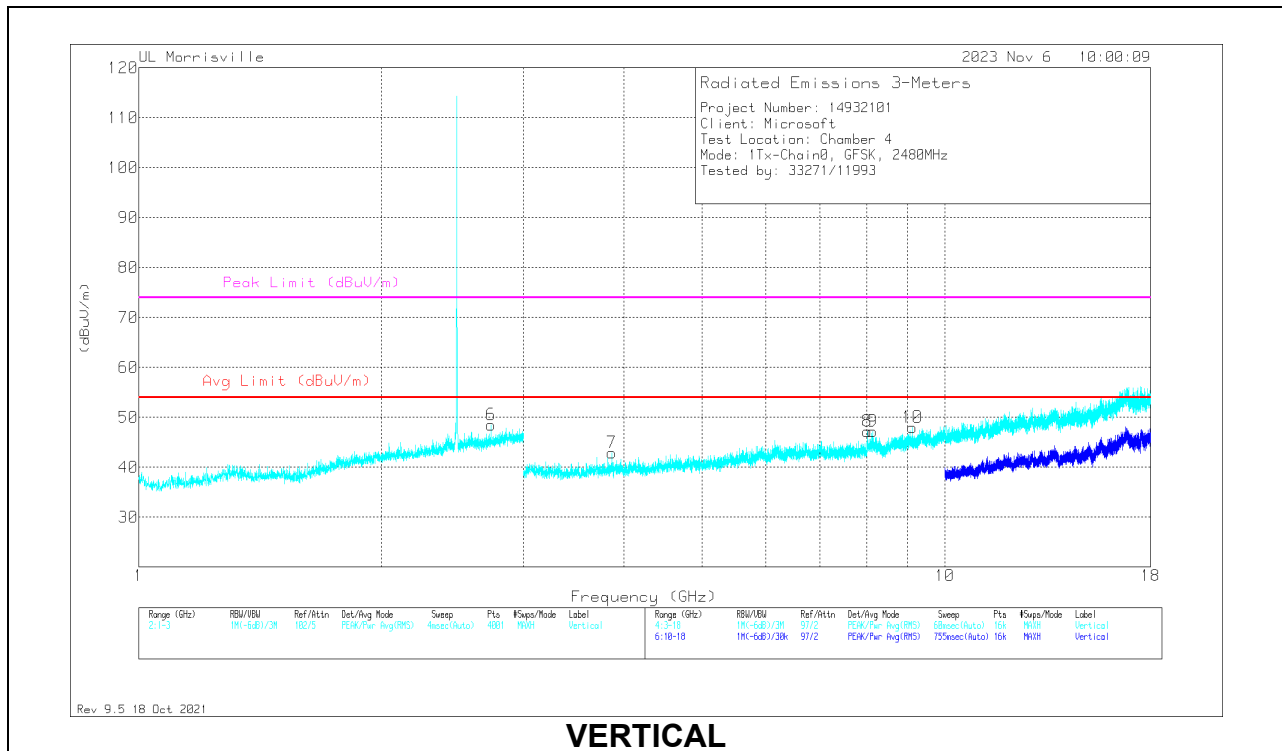
Pk - Peak detector

PK2 -Maximum Peak

### 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	*** 2.877	27.5	Pk	32.4	-12	0	47.9	54	-6.1	74	-26.1	0-360	100	H
6	*** 2.73852	27.79	PK2	32.5	-12.5	0	47.79	-	-	74	-26.21	359	300	V
	*** 2.73852	27.79	PK2	32.5	-12.5	-24	23.79	54	-30.21	-	-	359	300	V
2	*** 4.20281	40.74	Pk	33.4	-31.4	0	42.74	54	-11.26	74	-31.26	0-360	100	H
3	** 5.22469	39.78	Pk	34.2	-31.1	0	42.88	54	-11.12	74	-31.12	0-360	100	H
4	*** 8.145	38.12	Pk	35.8	-27.3	0	46.62	54	-7.38	74	-27.38	0-360	100	H
5	*** 9.38719	36.34	Pk	36.6	-25.2	0	47.74	54	-6.26	74	-26.26	0-360	100	H
7	*** 3.86438	42.21	Pk	33.4	-32.7	0	42.91	54	-11.09	74	-31.09	0-360	200	V
9	*** 8.1375	38.35	Pk	35.8	-27	0	47.15	54	-6.85	74	-26.85	0-360	200	V
10	*** 9.11438	36.42	Pk	36.3	-24.8	0	47.92	54	-6.08	74	-26.08	0-360	200	V
8	8.01938	38.52	Pk	35.8	-27.1	0	47.22	-	-	-	-	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

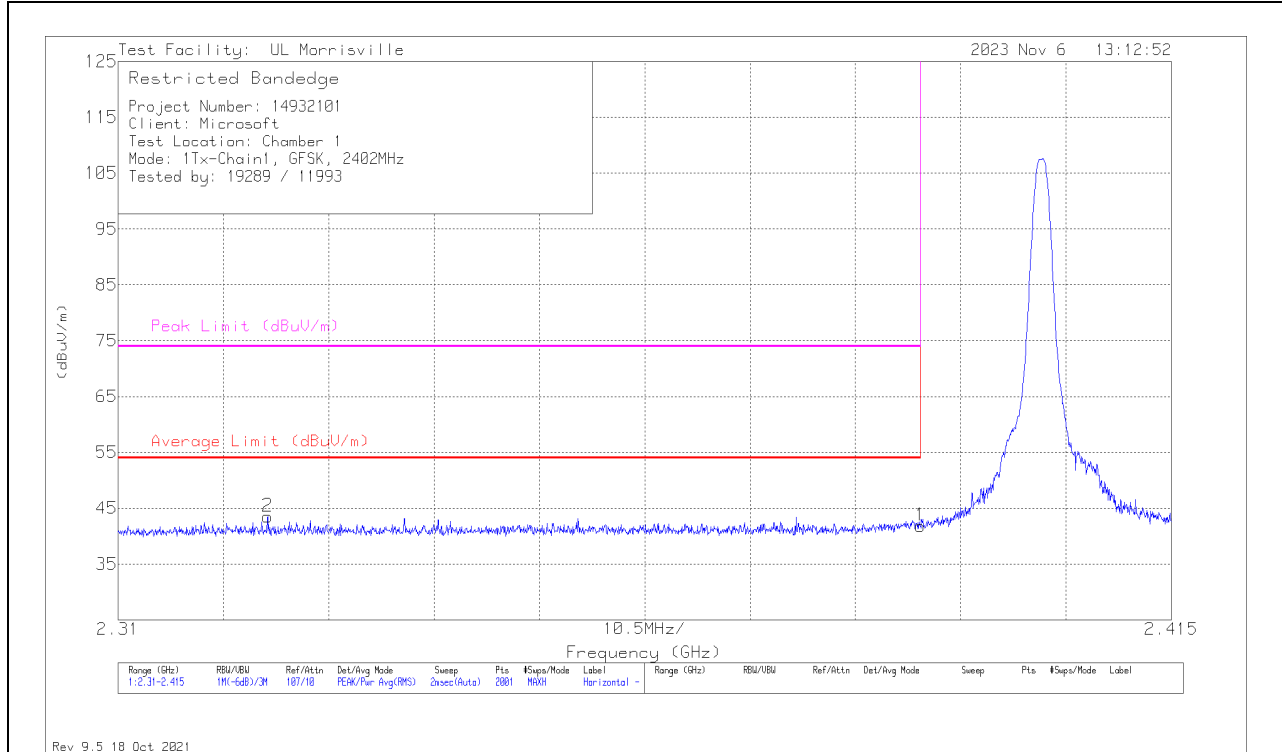
Pk - Peak detector

PK2 -Maximum Peak

**CHAIN 1**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

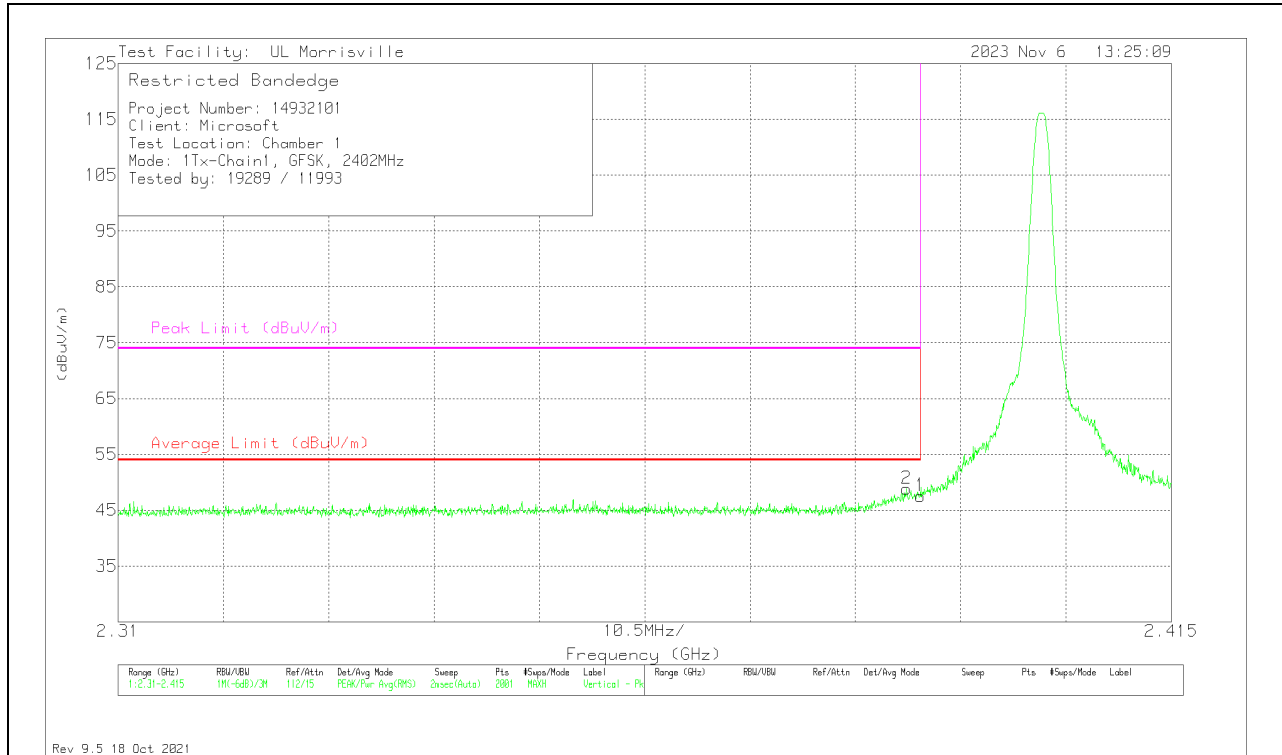


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	33.95	Pk	32.1	-24.2	0	41.85	-	-	74	-32.15	5	225	H
	*** 2.38996	33.95	Pk	32.1	-24.2	-24	17.85	54	-36.5	-	-	5	225	H
2	*** 2.32491	35.43	Pk	31.9	-23.8	0	43.53	-	-	74	-30.47	5	225	H
	*** 2.32491	35.43	Pk	31.9	-23.8	-24	19.53	54	-34.47	-	-	5	225	H

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



### VERTICAL RESULT

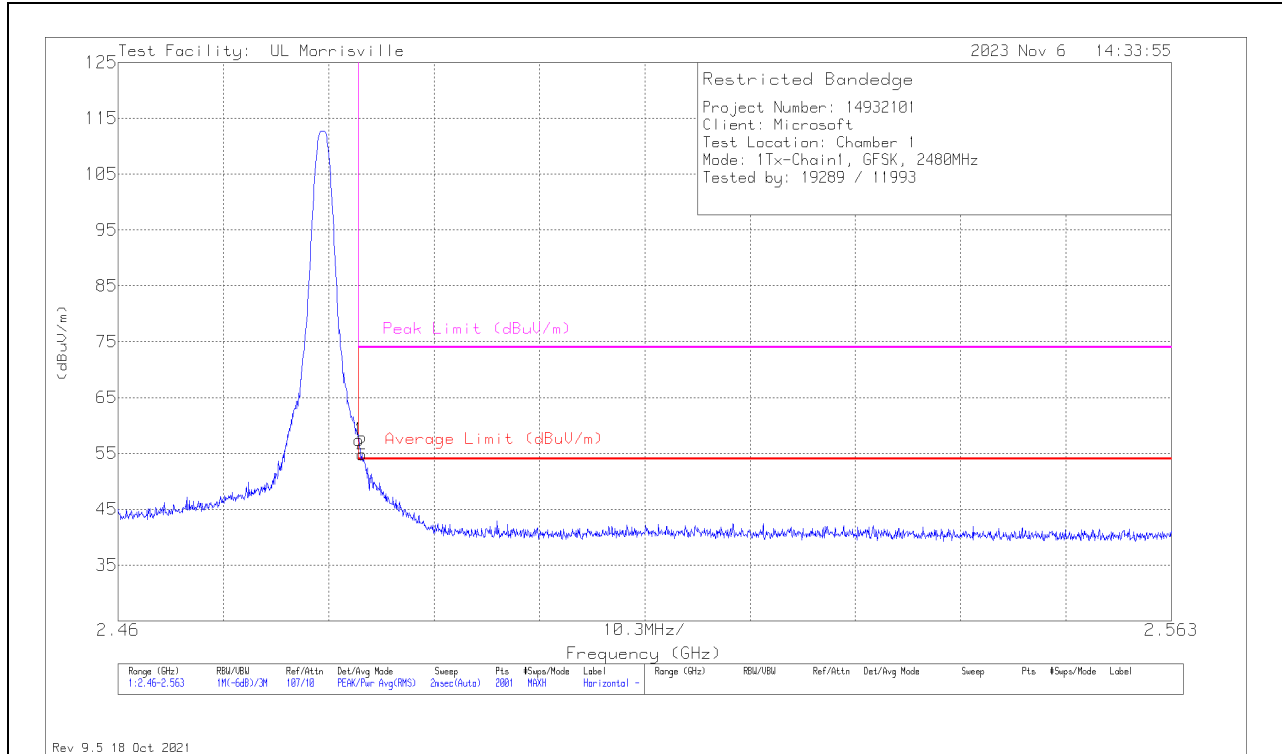


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	39.63	Pk	32.1	-24.2	0	47.53	-	-	74	-26.47	318	255	V
	*** 2.38996	39.63	Pk	32.1	-24.2	-24	23.53	54	-30.47	-	-	318	255	V
2	*** 2.38859	40.96	Pk	32.1	-24.2	0	48.86	-	-	74	-25.14	318	255	V
	*** 2.38859	40.96	Pk	32.1	-24.2	-24	24.86	54	-29.14	-	-	318	255	V

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

**BANDEDGE (HIGH CHANNEL)**

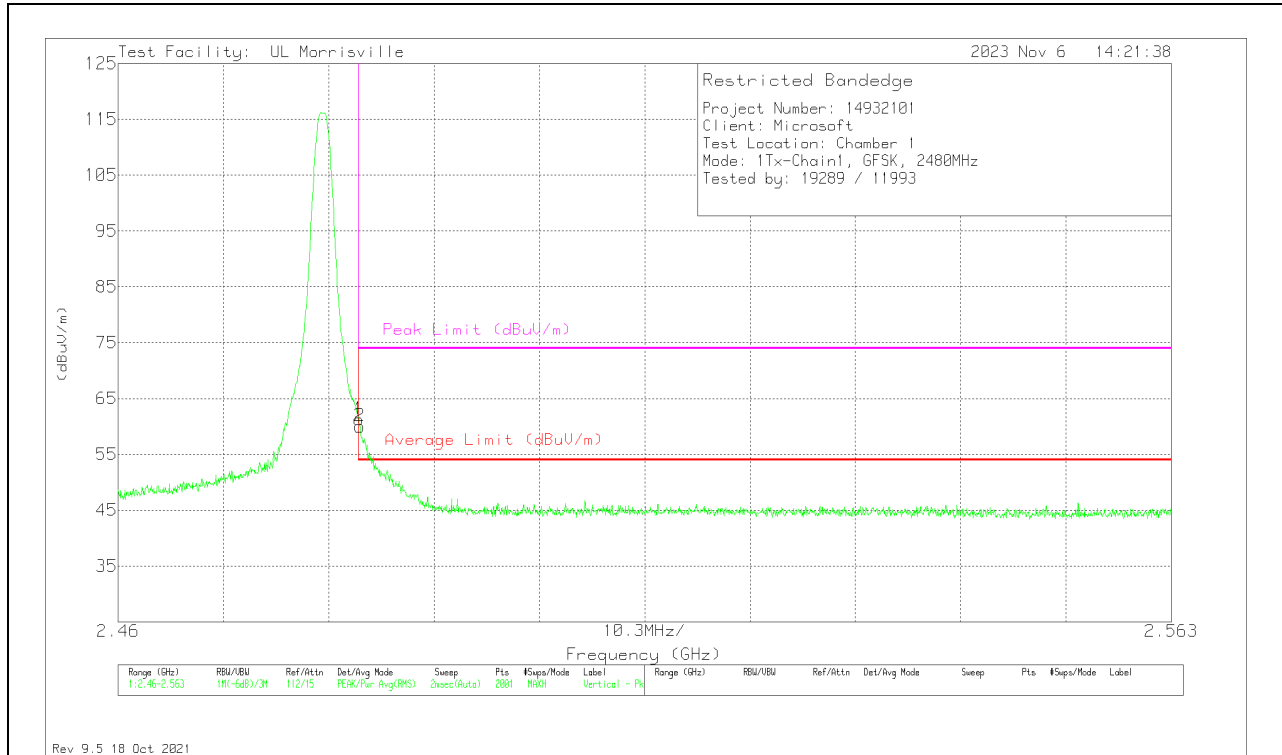
**HORIZONTAL RESULT**



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	49.57	Pk	32.3	-24.5	0	57.37	-	-	74	-16.63	17	384	H
	* * * 2.48354	49.57	Pk	32.3	-24.5	-24	33.37	54	-20.63	-	-	17	384	H
2	* * * 2.48384	47.04	Pk	32.3	-24.5	0	54.84	-	-	74	-19.16	17	384	H
	* * * 2.48384	47.04	Pk	32.3	-24.5	-24	30.84	54	-23.16	-	-	17	384	H

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

### VERTICAL RESULT

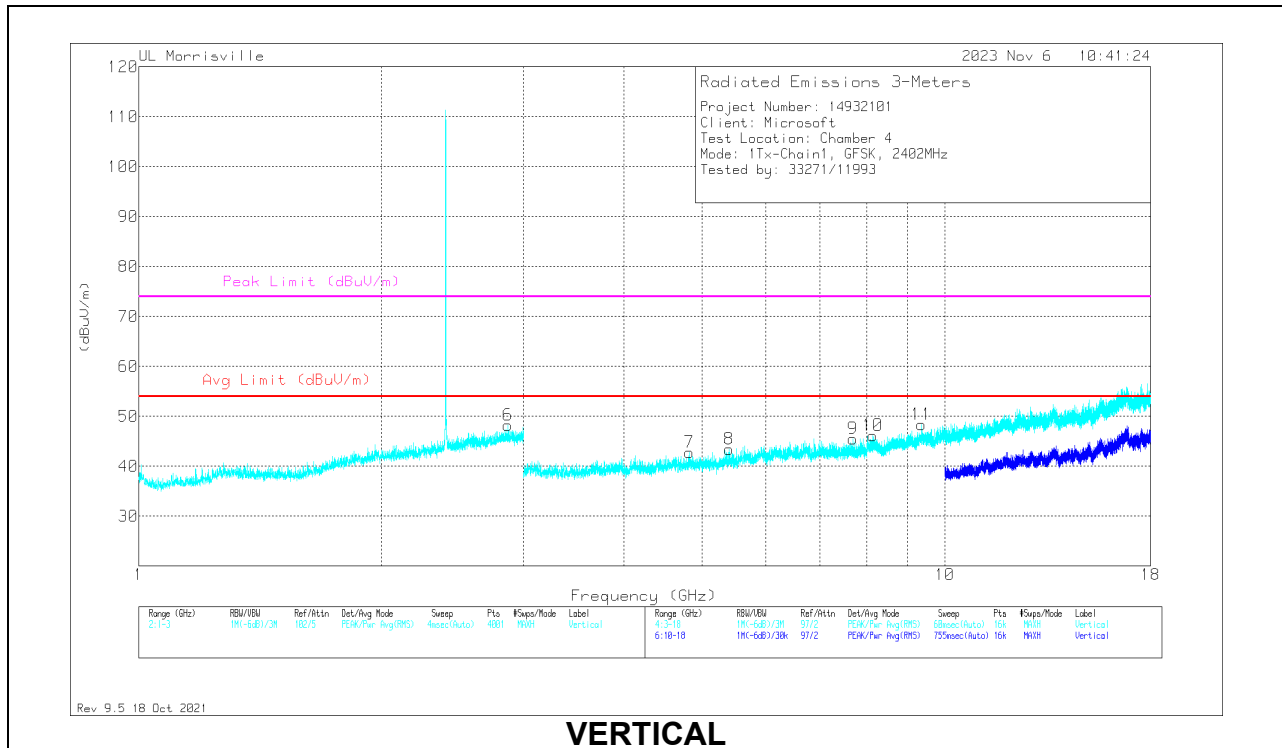
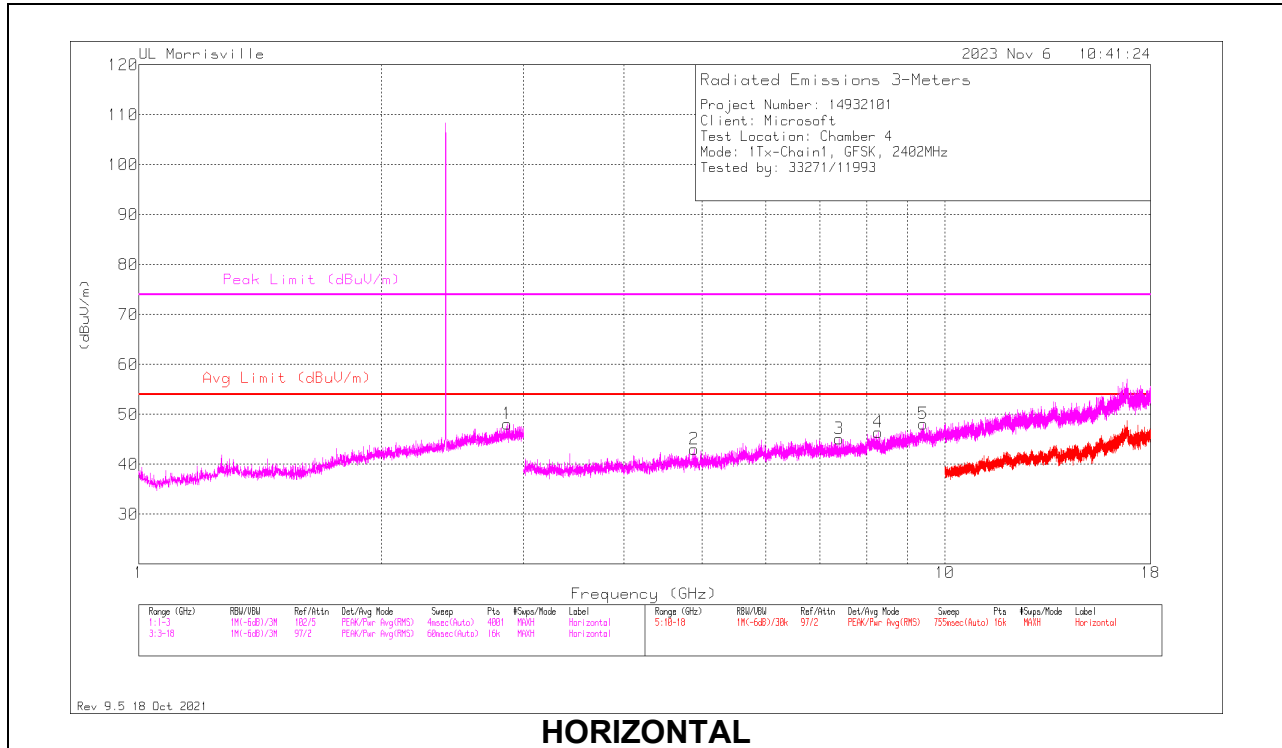


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	53.45	Pk	32.3	-24.5	0	61.25	-	-	74	-12.75	360	386	V
	*** 2.48354	53.45	Pk	32.3	-24.5	-24	37.25	54	-16.75	-	-	360	386	V
2	*** 2.48364	52.23	Pk	32.3	-24.5	0	60.03	-	-	74	-13.97	360	386	V
	*** 2.48364	52.23	Pk	32.3	-24.5	-24	36.03	54	-17.97	-	-	360	386	V

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

# 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	*** 2.8671	30.39	PK2	32.4	-12.2	0	50.59	-	-	74	-23.41	358	363	H
	*** 2.8671	30.39	PK2	32.4	-12.2	-24	-26.59	54	-27.41	-	-	358	363	H
6	*** 2.86841	32.13	PK2	32.4	-12.1	0	52.43	-	-	74	-21.57	76	255	V
	*** 2.86841	32.13	PK2	32.4	-12.1	-24	28.43	54	-25.57	-	-	76	255	V
2	*** 4.89188	40.09	PK	34	-31.1	0	42.99	54	-11.01	74	-31.01	0-360	100	H
3	*** 7.395	37.1	PK	35.6	-27.6	0	45.1	54	-8.9	74	-28.9	0-360	100	H
4	*** 8.27156	37.39	PK	35.8	-26.8	0	46.39	54	-7.61	74	-27.61	0-360	100	H
5	*** 9.40457	37.19	PK2	36.6	-25.7	0	48.09	-	-	74	-25.91	1	178	H
	*** 9.40457	37.19	PK2	36.6	-25.7	-24	24.09	54	-29.91	-	-	1	178	H
7	*** 4.81969	40.28	PK	34.1	-31.6	0	42.78	54	-11.22	74	-31.22	0-360	200	V
8	*** 5.40375	39.21	PK	34.6	-30.4	0	43.41	54	-10.59	74	-30.59	0-360	200	V
9	*** 7.69219	37.46	PK	35.7	-27.6	0	45.56	54	-8.44	74	-28.44	0-360	200	V
10	*** 8.13938	37.41	PK	35.8	-27.1	0	46.11	54	-7.89	74	-27.89	0-360	200	V
11	*** 9.35698	36.95	PK2	36.5	-24.8	0	48.65	-	-	74	-25.35	6	244	V
	*** 9.35698	36.95	PK2	36.5	-24.8	-24	24.65	54	-29.35	-	-	6	244	V

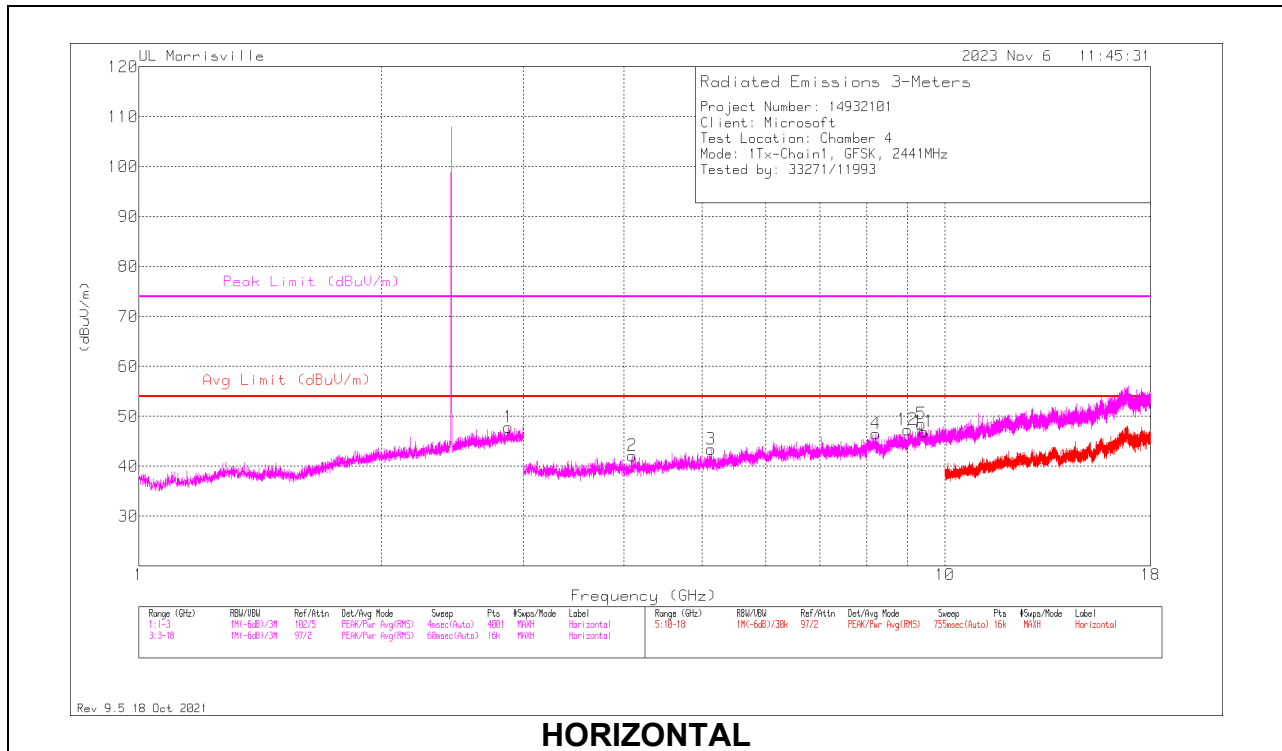
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

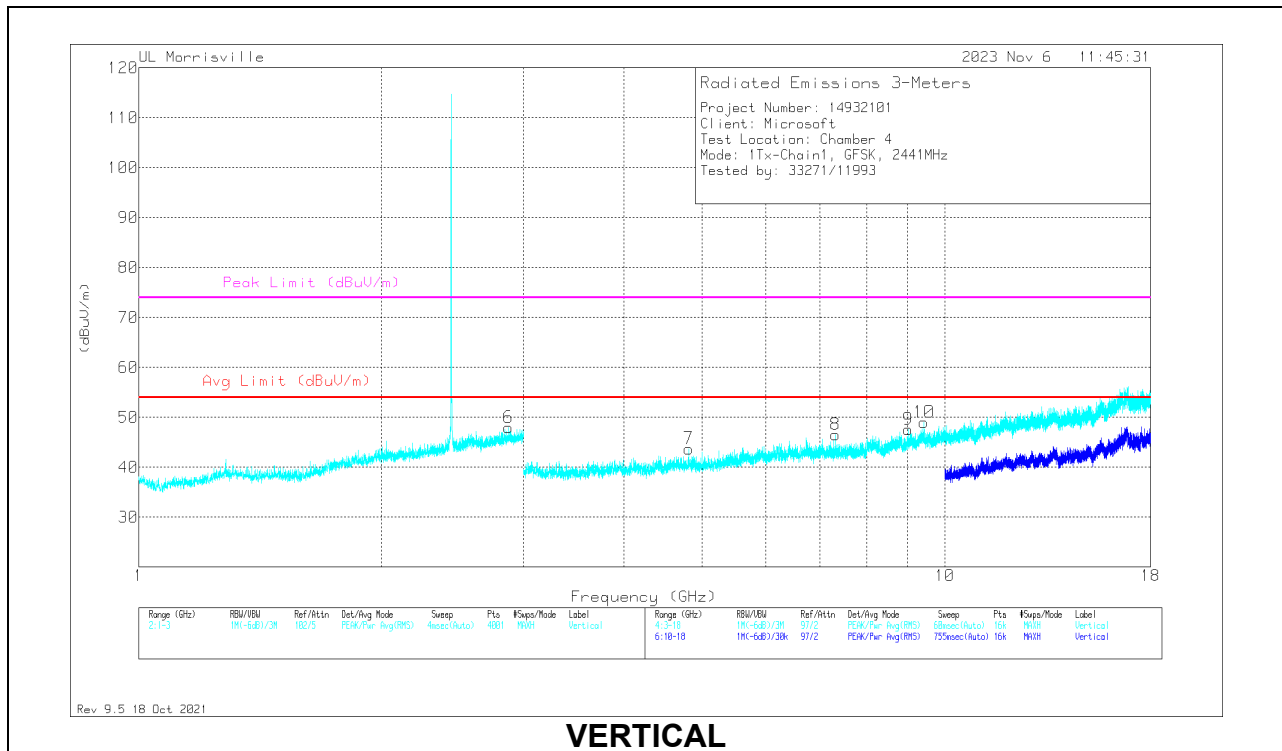
PK - Peak detector

PK2 -Maximum Peak

### 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	*** 2.875	27.5	Pk	32.4	-12.1	0	47.8	54	-6.2	74	-26.2	0-360	100	H
6	*** 2.875	27.63	Pk	32.4	-12.1	0	47.93	54	-6.07	74	-26.07	0-360	200	V
2	*** 4.095	41.36	Pk	33.4	-32.6	0	42.16	54	-11.84	74	-31.84	0-360	100	H
3	*** 5.12625	40.1	Pk	34.2	-30.9	0	43.4	54	-10.6	74	-30.6	0-360	100	H
4	*** 8.20594	37.35	Pk	35.8	-26.6	0	46.55	54	-7.45	74	-27.45	0-360	100	H
5	*** 9.35229	36.87	PK2	36.5	-25	0	48.37	-	-	74	-25.63	50	143	H
	*** 9.35229	36.87	PK2	36.5	-25	-24	24.37	54	-29.63	-	-	50	143	H
11	*** 9.42656	35.78	Pk	36.7	-25.6	0	46.88	54	-7.12	74	-27.12	0-360	100	H
7	*** 4.81219	41.25	Pk	34.1	-31.6	0	43.75	54	-10.25	74	-30.25	0-360	200	V
8	*** 7.32281	39.17	Pk	35.6	-28.2	0	46.57	54	-7.43	74	-27.43	0-360	200	V
9	*** 9.00469	36.34	Pk	36.2	-24.9	0	47.64	54	-6.36	74	-26.36	0-360	200	V
10	*** 9.42942	36.88	PK2	36.7	-25.6	0	47.98	-	-	74	-26.02	245	164	V
	*** 9.42942	36.88	PK2	36.7	-25.6	-24	23.98	54	-30.02	74	-26.02	245	164	V
12	8.99625	36.14	Pk	36.2	-25	0	47.34	-	-	-	-26.66	0-360	100	H

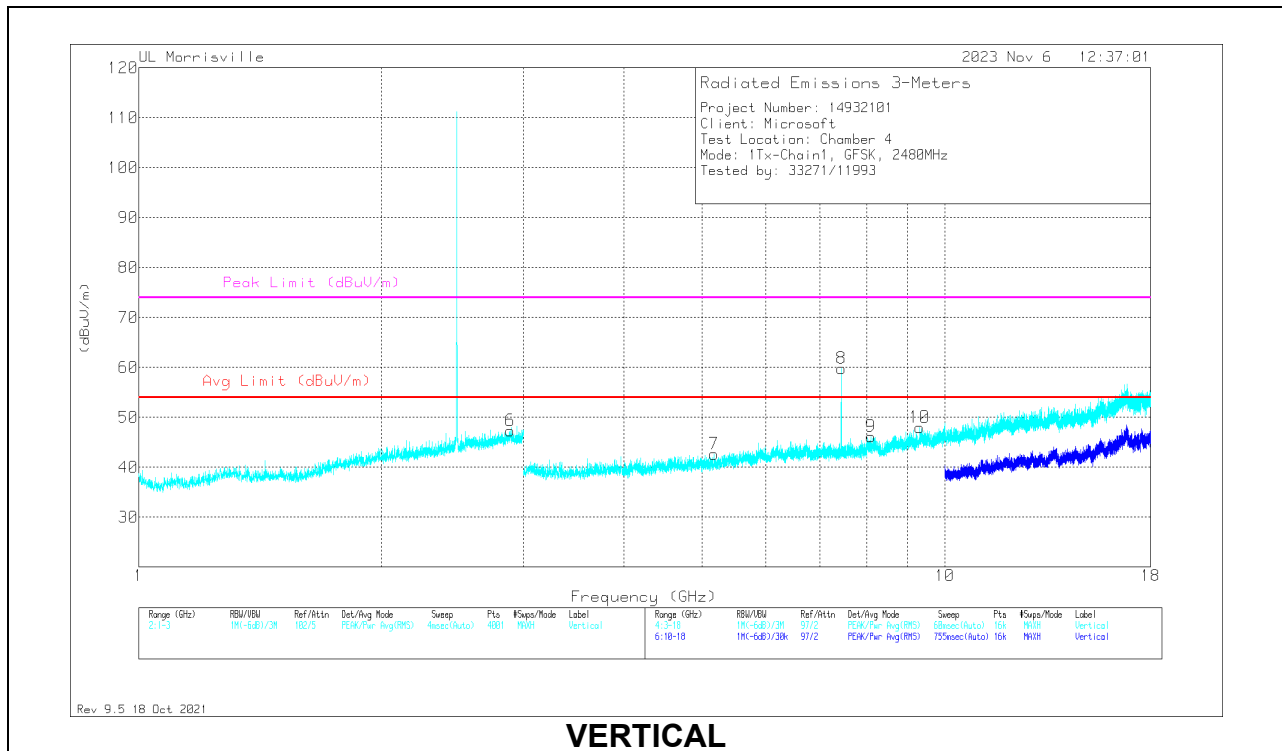
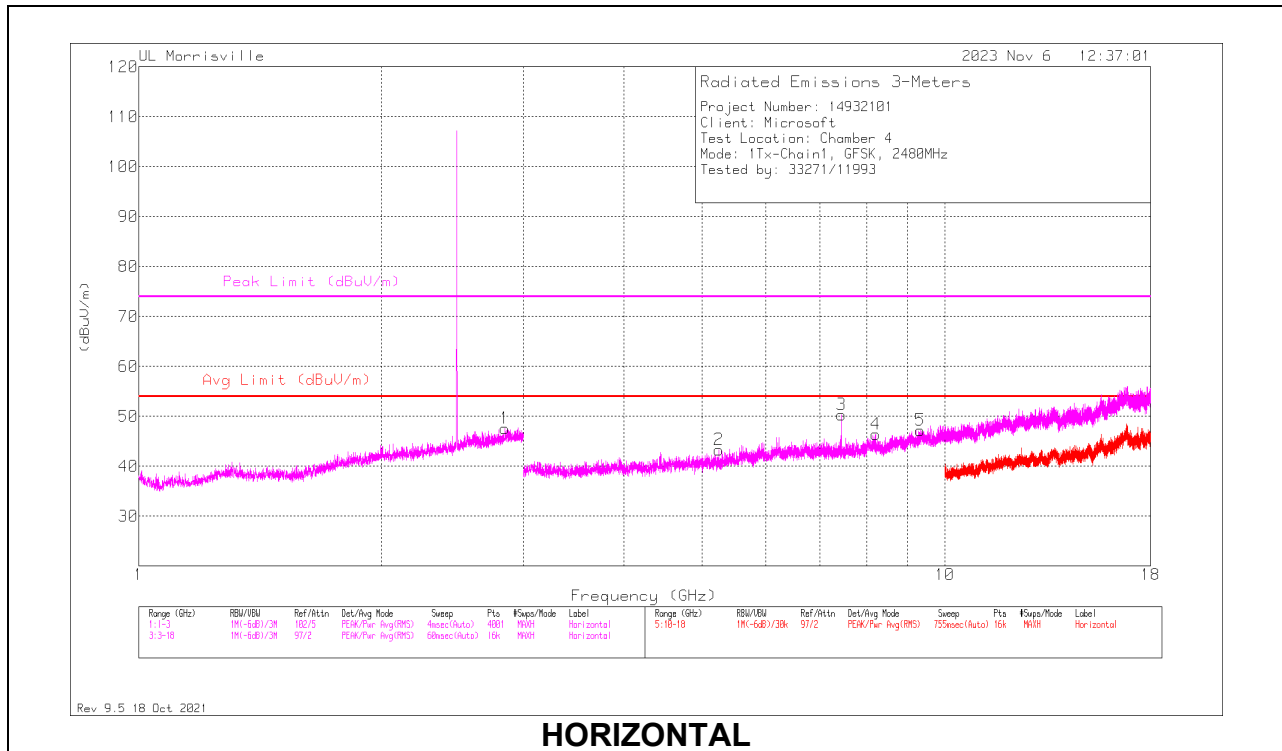
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 -Maximum Peak

### 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	*** 2.8455	27.38	Pk	32.4	-12.2	0	47.58	54	-6.42	74	-26.42	0-360	100	H
6	*** 2.889	26.98	Pk	32.5	-12.1	0	47.38	54	-6.62	74	-26.62	0-360	200	V
2	** 5.24344	40.36	Pk	34.2	-31.3	0	43.26	54	-10.74	74	-30.74	0-360	100	H
3	*** 7.4396	53.95	PK2	35.7	-28	0	61.65	-	-	74	-12.35	43	129	H
	*** 7.4396	53.95	PK2	35.7	-28	-24	37.65	54	-16.35	-	-	43	129	H
4	*** 8.20594	37.27	Pk	35.8	-26.6	0	46.47	54	-7.53	74	-27.53	0-360	100	H
5	*** 9.33	35.57	Pk	36.5	-24.9	0	47.17	54	-6.83	74	-26.83	0-360	100	H
7	** 5.17406	39.33	Pk	34.2	-30.9	0	42.63	54	-11.37	74	-31.37	0-360	200	V
8	*** 7.44168	43.98	PK2	35.7	-28	0	51.68	-	-	74	-22.32	205	336	V
	*** 7.44168	43.98	PK2	35.7	-28	-24	27.68	54	-26.32	74	-22.32	205	336	V
9	*** 8.09344	37.64	Pk	35.8	-27.3	0	46.14	54	-7.86	74	-27.86	0-360	200	V
10	*** 9.31031	36.56	Pk	36.4	-25	0	47.96	54	-6.04	74	-26.04	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

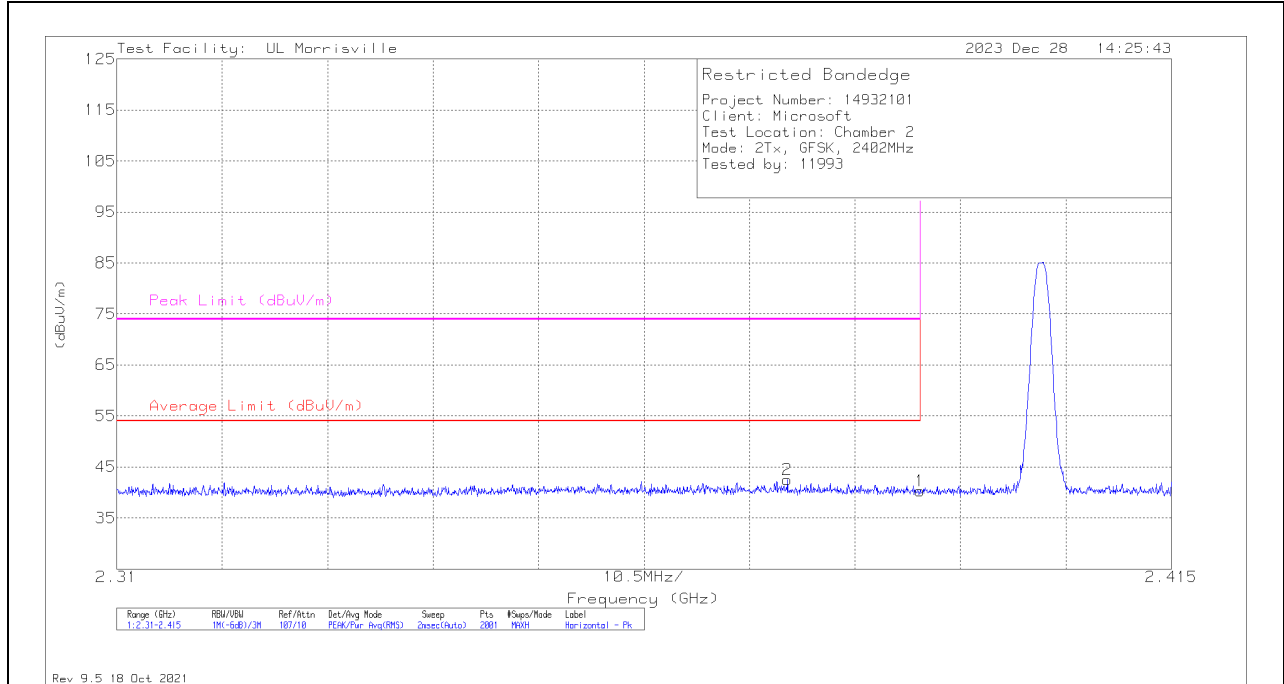
Pk - Peak detector

PK2 -Maximum Peak

**2Tx**

**BANDEDGE (LOW CHANNEL)**

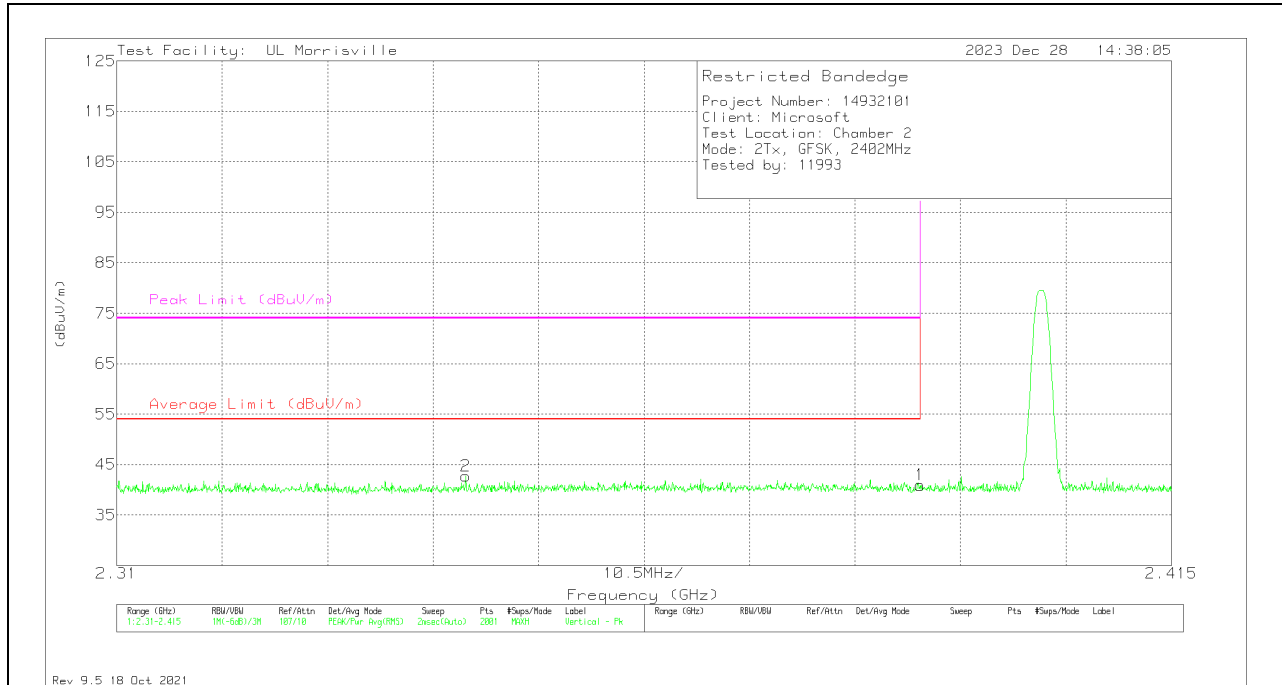
**HORIZONTAL RESULT**



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	32.17	Pk	32.3	-24.2	0	40.27	-	-	74	-33.73	294	115	H
	*** 2.38996	32.17	Pk	32.3	-24.2	-24	16.27	54	-37.73	-	-	294	115	H
2	*** 2.37678	34.42	Pk	32.2	-24.1	0	42.52	-	-	74	-31.48	294	115	H
	*** 2.37678	34.42	Pk	32.2	-24.1	-24	18.52	54	-35.48	-	-	294	115	H

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

### VERTICAL RESULT

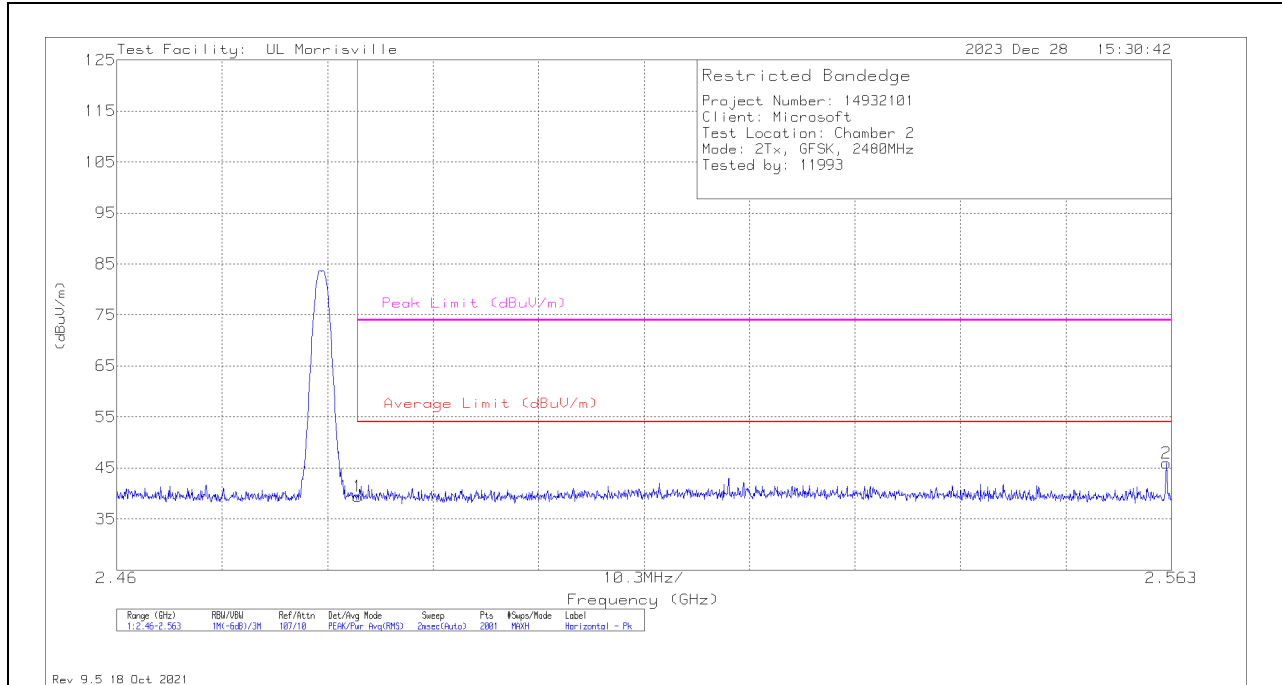


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	32.82	Pk	32.3	-24.2	0	40.92	-	-	74	-33.08	229	111	V
	*** 2.38996	32.82	Pk	32.3	-24.2	-24	16.92	54	-37.08	-	-	229	111	V
2	*** 2.34476	34.59	Pk	32.1	-24	0	42.69	-	-	74	-31.31	229	111	V
	*** 2.34476	34.59	Pk	32.1	-24	-24	18.69	54	-35.31	-	-	229	111	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**



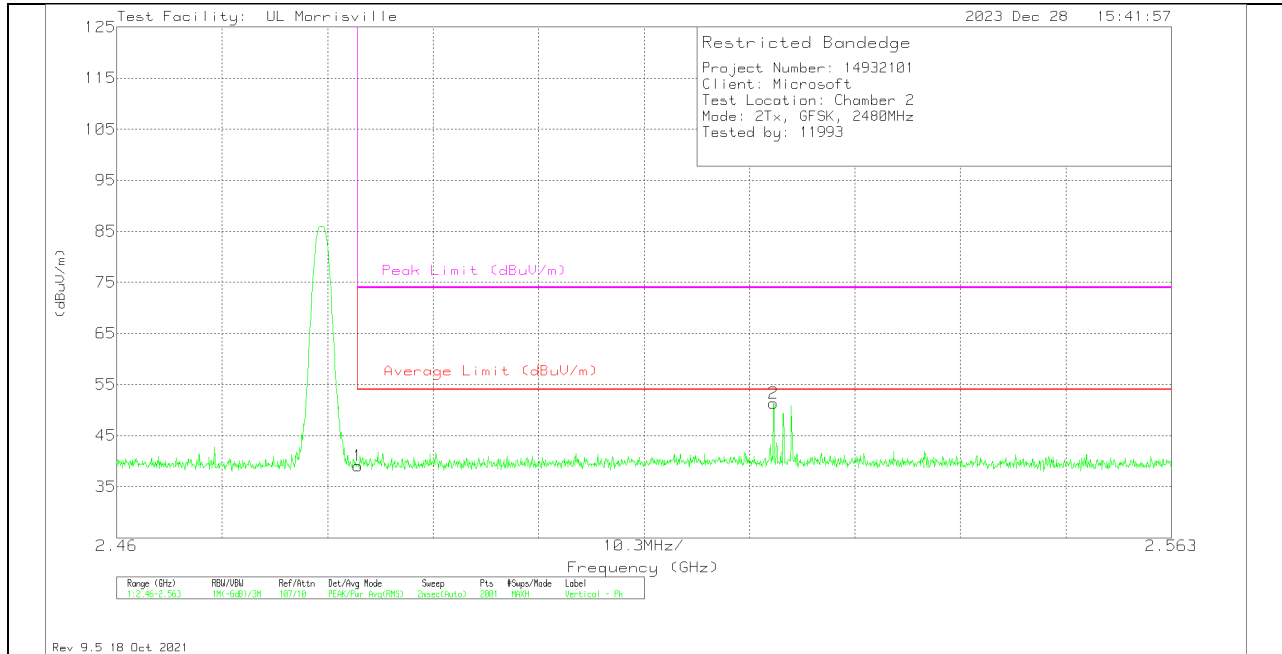
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	31.43	Pk	32.5	-24.5	0	39.43	-	-	74	-34.57	20	282	H
	*** 2.48354	31.43	Pk	32.5	-24.5	-24	15.43	54	-38.57	-	-	20	282	H
2	** 2.56249	38.44	Pk	32.5	-25	0	45.94	-	-	74	-28.06	20	282	H
	** 2.56249	38.44	Pk	32.5	-25	-24	21.94	54	-32.06	-	-	20	282	H

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### VERTICAL RESULT

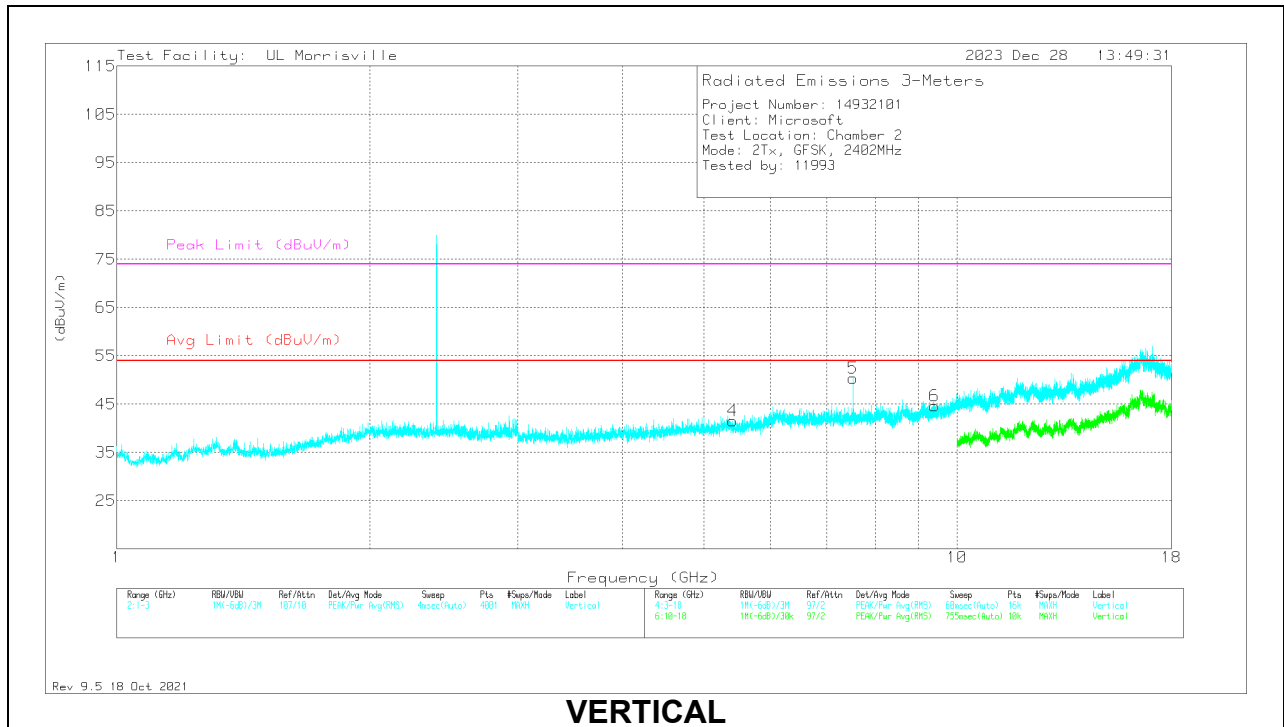
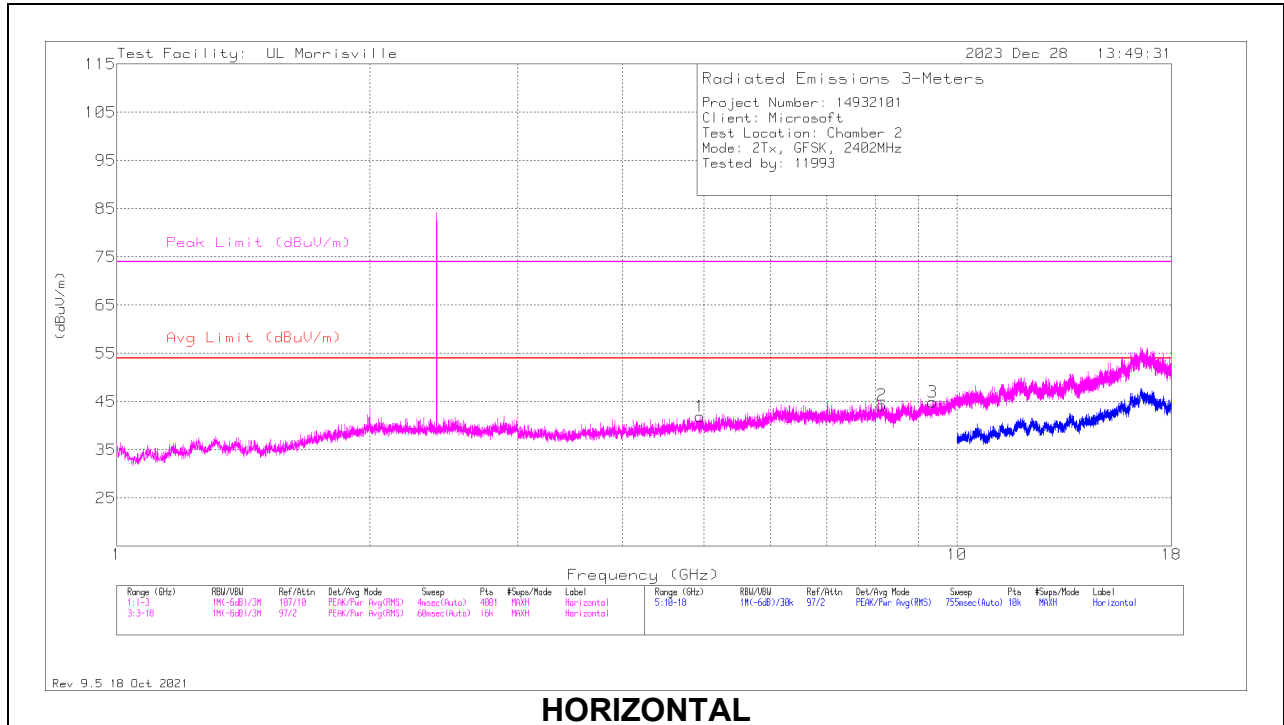


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	31.02	Pk	32.5	-24.5	0	39.02	-	-	74	-34.98	107	314	V
	* ** 2.48354	31.02	Pk	32.5	-24.5	-24	15.02	54	-38.98	-	-	107	314	V
2	** 2.52412	43.67	Pk	32.5	-24.8	0	51.37	-	-	74	-22.63	107	314	V
	** 2.52412	43.67	Pk	32.5	-24.8	-24	27.37	54	-26.63	-	-	107	314	V

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

# 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	* ** 4.95094	38.13	Pk	34	-30.2	0	41.93	54	-12.07	74	-32.07	0-360	199	H
2	* ** 8.14313	34.86	Pk	35.8	-26.4	0	44.26	54	-9.74	74	-29.74	0-360	101	H
3	* ** 9.35156	34.24	Pk	36.1	-25.4	0	44.94	54	-9.06	74	-29.06	0-360	199	H
4	* ** 5.40563	36.66	Pk	34.4	-29.5	0	41.56	54	-12.44	74	-32.44	0-360	101	V
5	* ** 7.52474	50.16	PK2	35.7	-27.1	0	58.76	-	-	74	-15.24	320	145	V
	* ** 7.52474	50.16	PK2	35.7	-27.1	-24	34.76	54	-19.24	-	-	320	145	V
6	* ** 9.40594	33.61	Pk	36.2	-25.2	0	44.61	54	-9.39	74	-29.39	0-360	199	V

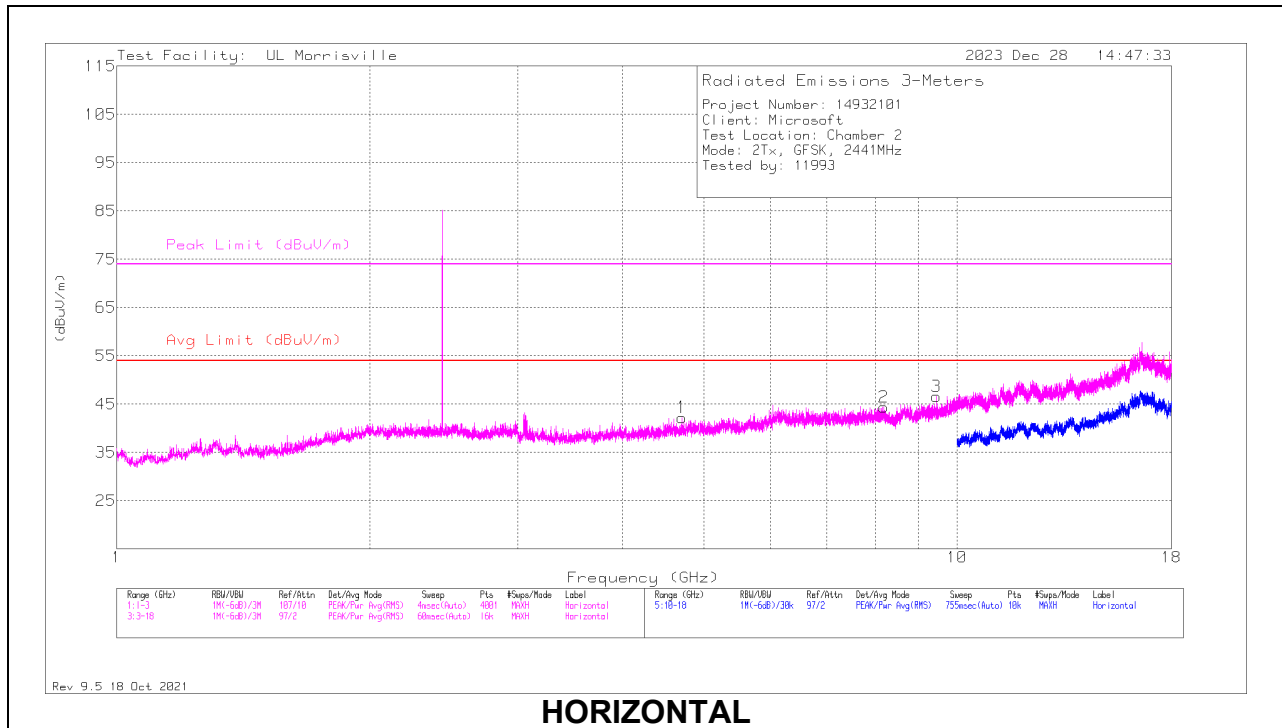
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

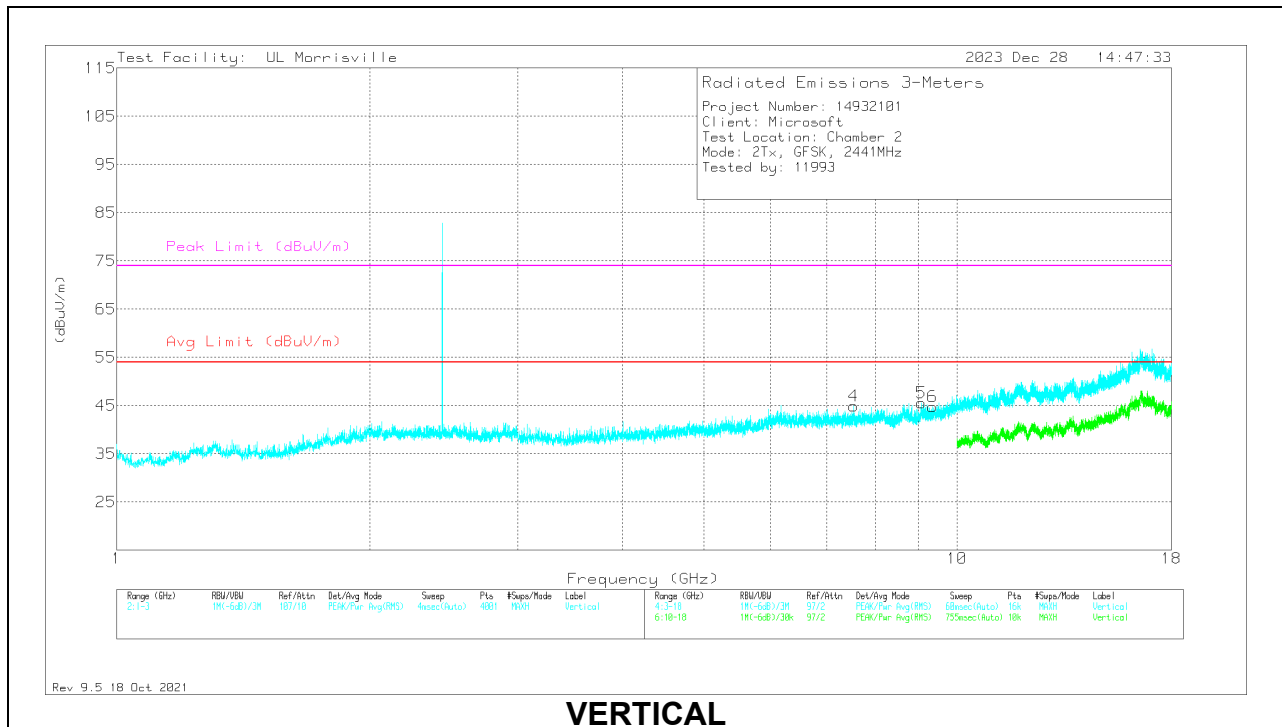
Pk - Peak detector

PK2 - Maximum Peak

### MID 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	*** 4.71	39.46	Pk	34.1	-31.3	42.26	54	-11.74	74	-31.74	0-360	200	H
2	*** 8.18063	34.88	Pk	35.8	-26.3	44.38	54	-9.62	74	-29.62	0-360	200	H
3	*** 9.45563	35.56	Pk	36.3	-25.2	46.66	54	-7.34	74	-27.34	0-360	200	H
4	*** 7.53188	36.17	Pk	35.7	-26.9	44.97	54	-9.03	74	-29.03	0-360	101	V
5	*** 9.06563	34.82	Pk	35.9	-25.2	45.52	54	-8.48	74	-28.48	0-360	200	V
6	*** 9.35531	34.22	Pk	36.1	-25.5	44.82	54	-9.18	74	-29.18	0-360	101	V

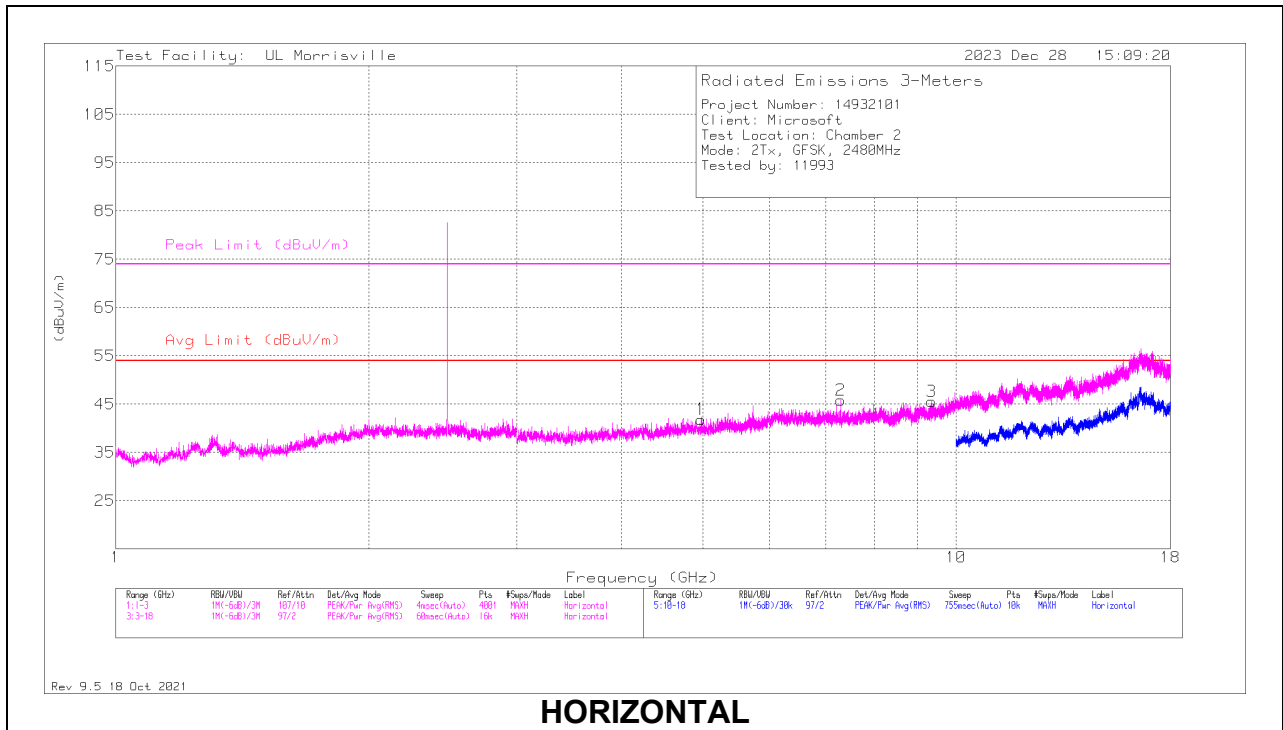
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

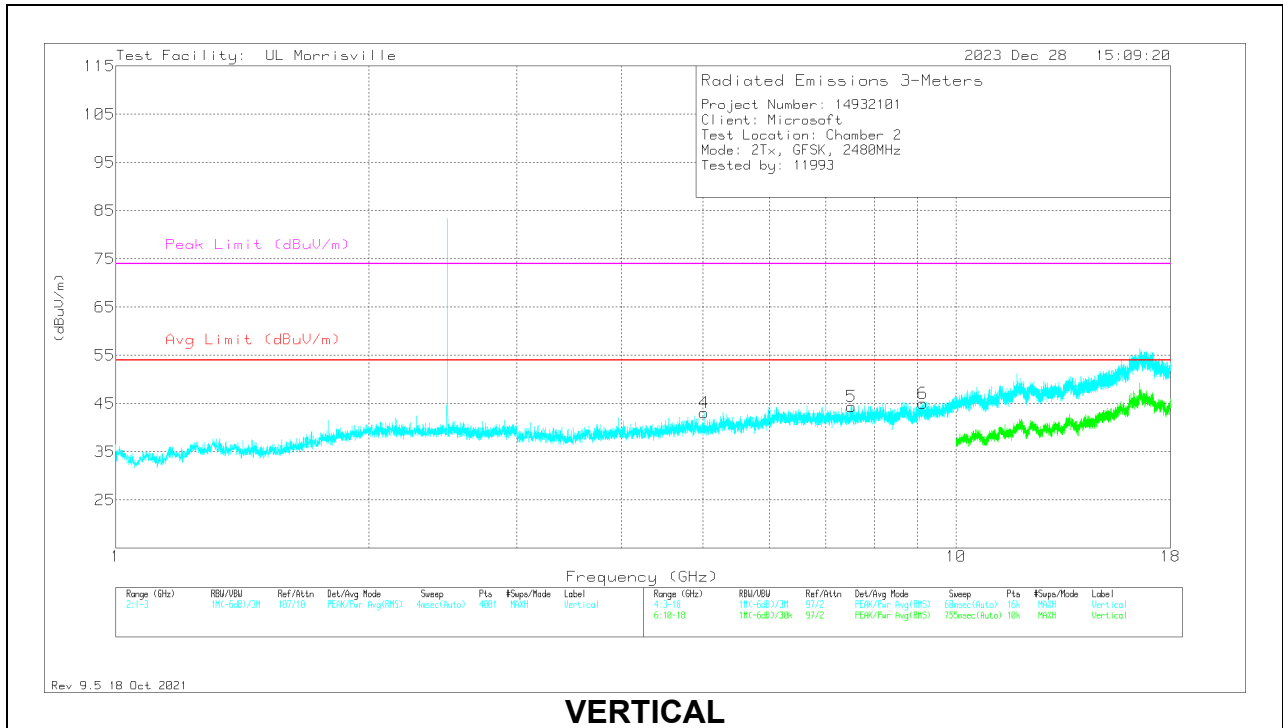
Pk - Peak detector

PK2 -Maximum Peak

### 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	* ** 4.97344	38.17	Pk	34	-30.3	41.87	54	-12.13	74	-32.13	0-360	101	H
2	* ** 7.28719	37.34	Pk	35.6	-27.1	45.84	54	-8.16	74	-28.16	0-360	199	H
3	* ** 9.35813	35.05	Pk	36.1	-25.6	45.55	54	-8.45	74	-28.45	0-360	101	H
4	* ** 5.01469	39.76	Pk	34	-30.6	43.16	54	-10.84	74	-30.84	0-360	199	V
5	* ** 7.50844	35.65	Pk	35.7	-26.9	44.45	54	-9.55	74	-29.55	0-360	101	V
6	* ** 9.13969	33.89	Pk	35.9	-24.7	45.09	54	-8.91	74	-28.91	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

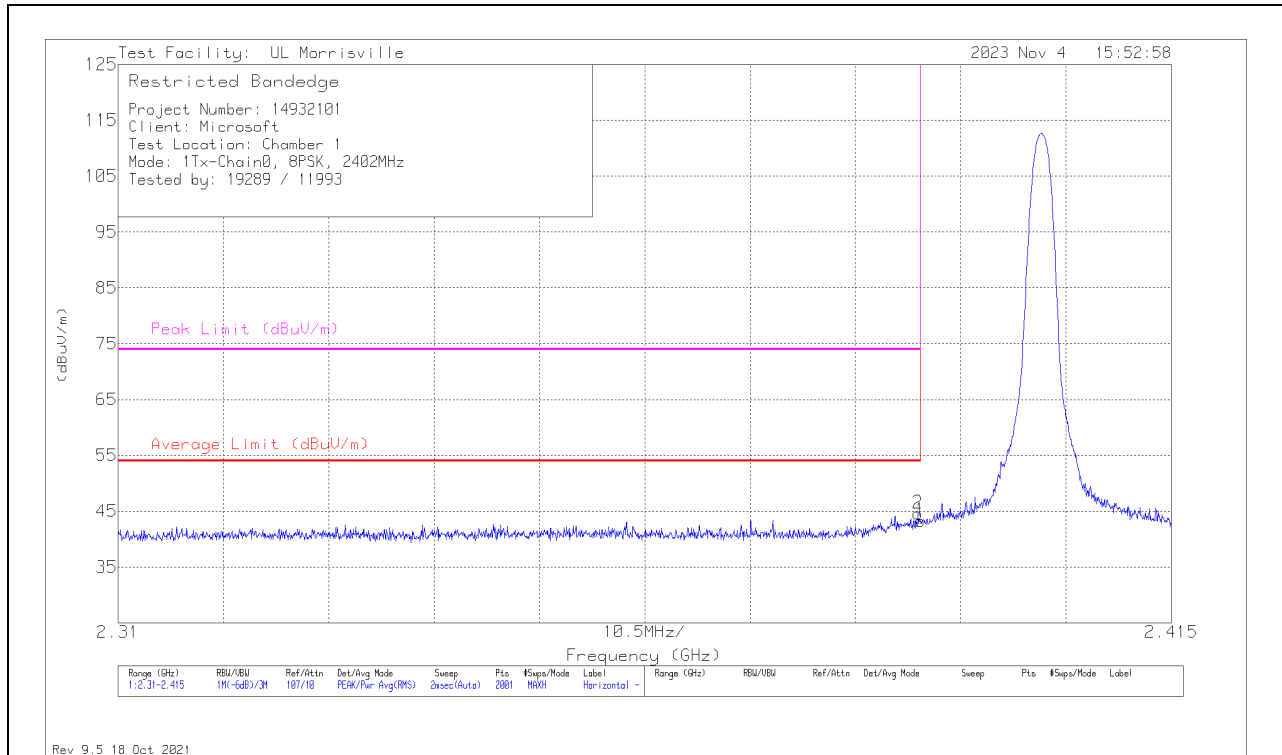
PK2 -Maximum Peak

### 10.1.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

**CHAIN 0**

**BANDEDGE (LOW CHANNEL)**

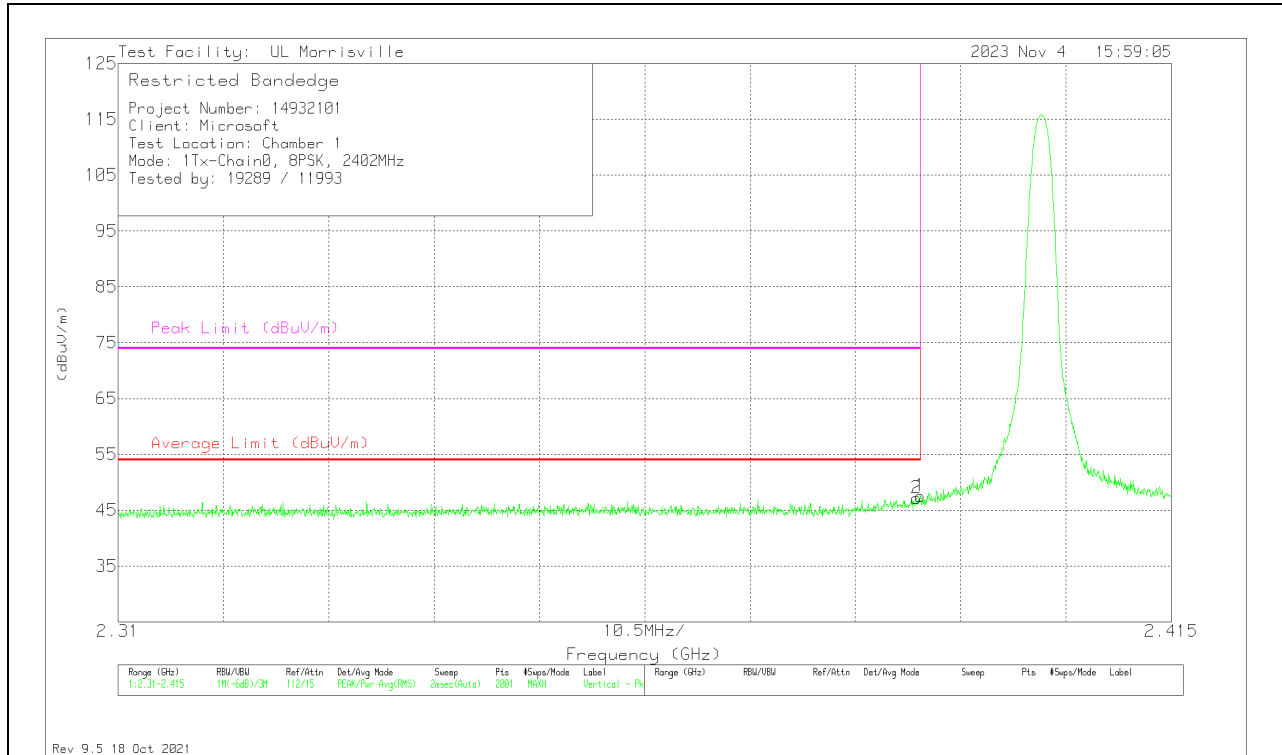
**HORIZONTAL RESULT**



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	35.4	Pk	32.1	-24.2	0	43.3	-	-	74	-30.7	17	372	H
	*** 2.38996	35.4	Pk	32.1	-24.2	-24	19.3	54	-34.7	-	-	17	372	H
2	*** 2.38975	36.7	Pk	32.1	-24.2	0	44.6	-	-	74	-29.4	17	372	H
	*** 2.38975	36.7	Pk	32.1	-24.2	-24	20.6	54	-33.4	-	-	17	372	H

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

### VERTICAL RESULT

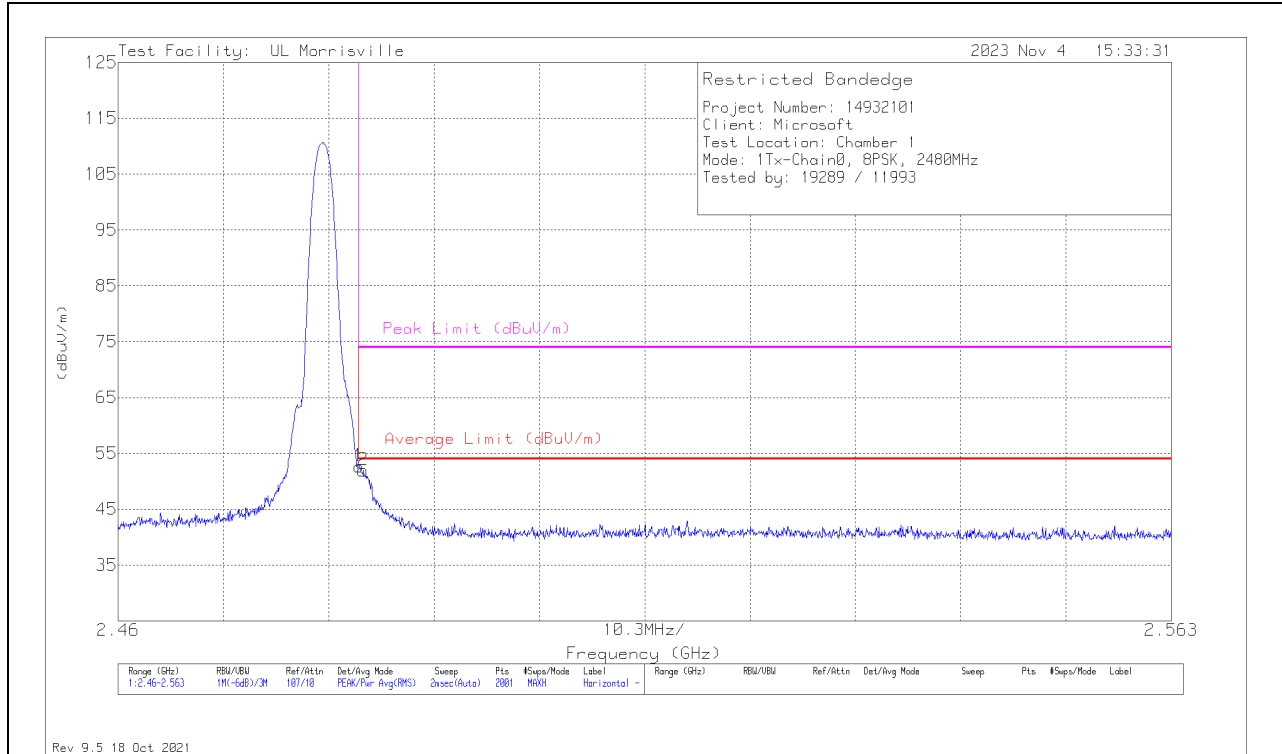


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	39.61	Pk	32.1	-24.2	0	47.51	-	-	74	-26.49	325	320	V
	*** 2.38996	39.61	Pk	32.1	-24.2	-24	23.51	54	-30.49	-	-	325	320	V
2	*** 2.38959	39.23	Pk	32.1	-24.2	0	47.13	-	-	74	-26.87	325	320	V
	*** 2.38959	39.23	Pk	32.1	-24.2	-24	23.13	54	-30.87	-	-	325	320	V

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

**BANDEDGE (HIGH CHANNEL)**

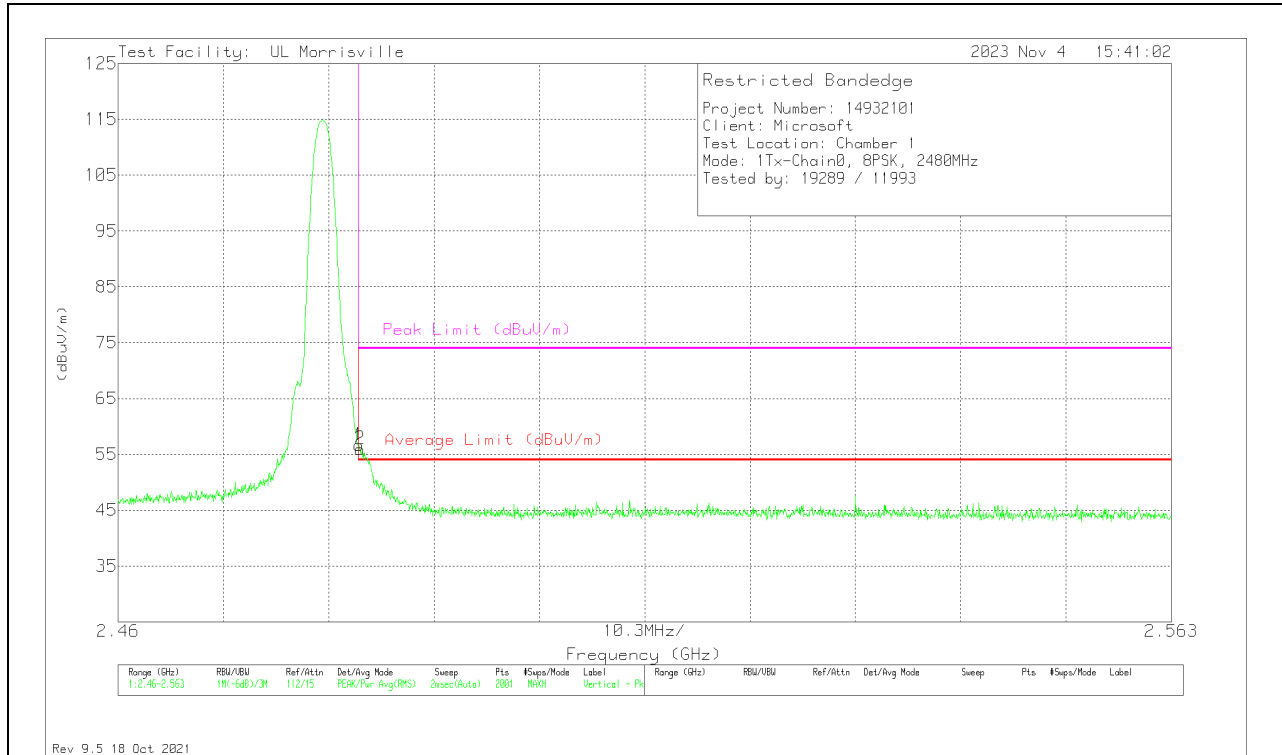
**HORIZONTAL RESULT**



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	44.86	Pk	32.3	-24.5	0	52.66	-	-	74	-21.34	24	386	H
	* * * 2.48354	44.86	Pk	32.3	-24.5	-24	28.66	54	-25.34	-	-	24	386	H
2	* * * 2.48395	44.18	Pk	32.3	-24.5	0	51.98	-	-	74	-22.02	24	386	H
	* * * 2.48395	44.18	Pk	32.3	-24.5	-24	27.98	54	-26.02	-	-	24	386	H

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

### VERTICAL RESULT

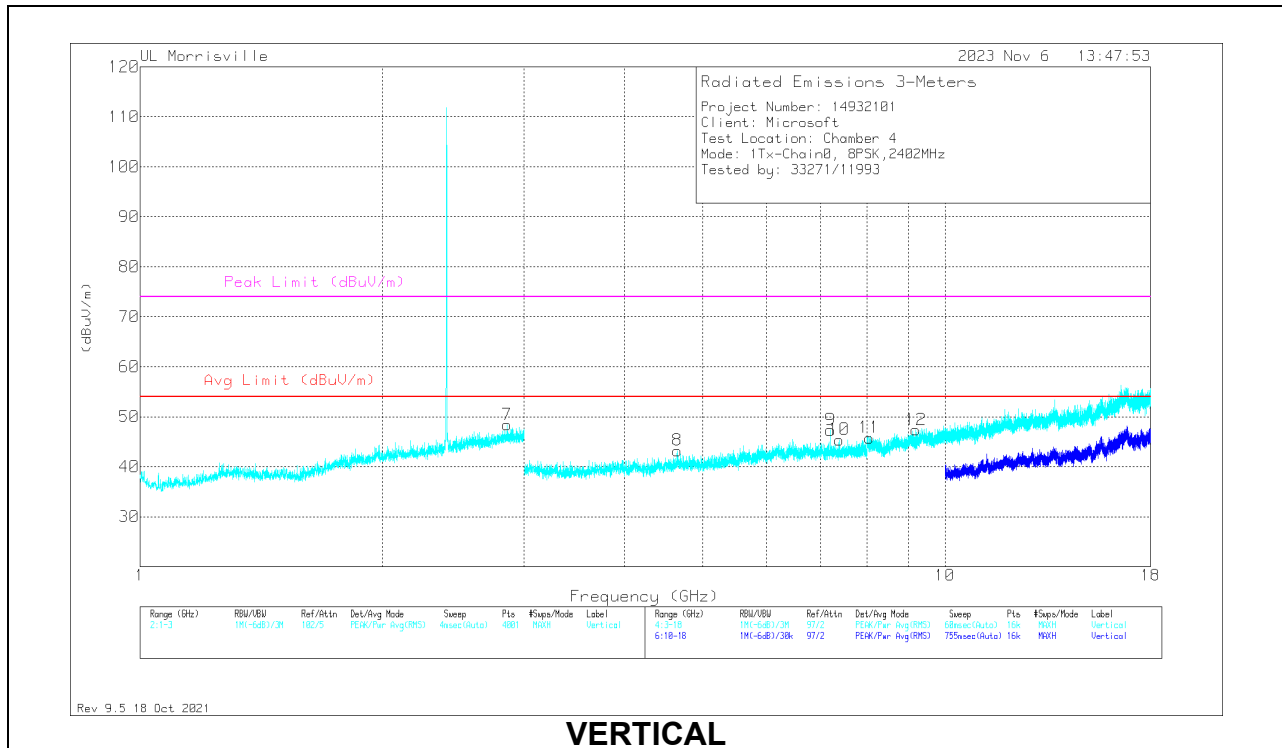
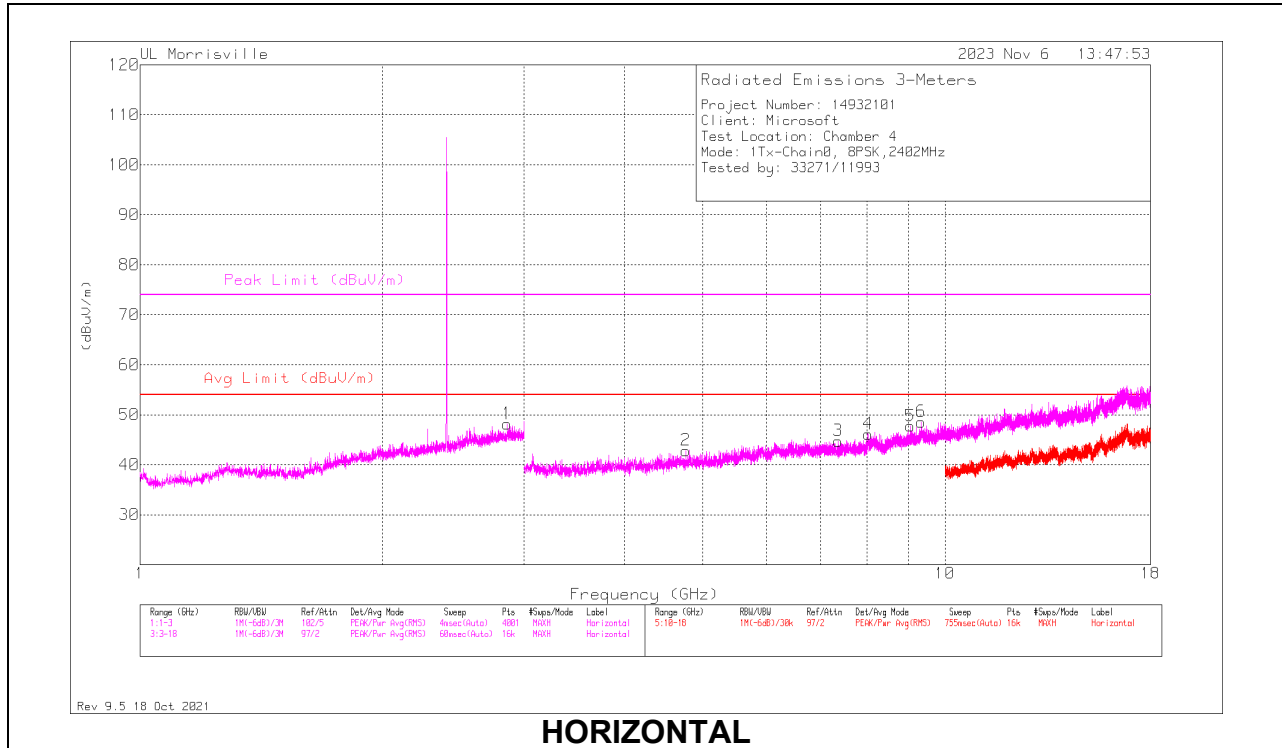


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	48.85	Pk	32.3	-24.5	0	56.65	-	-	74	-17.35	333	345	V
	*** 2.48354	48.85	Pk	32.3	-24.5	-24	32.65	54	-21.35	-	-	333	345	V
2	*** 2.48369	48.13	Pk	32.3	-24.5	0	55.93	-	-	74	-18.07	333	345	V
	*** 2.48369	48.13	Pk	32.3	-24.5	-24	31.93	54	-22.07	-	-	333	345	V

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

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



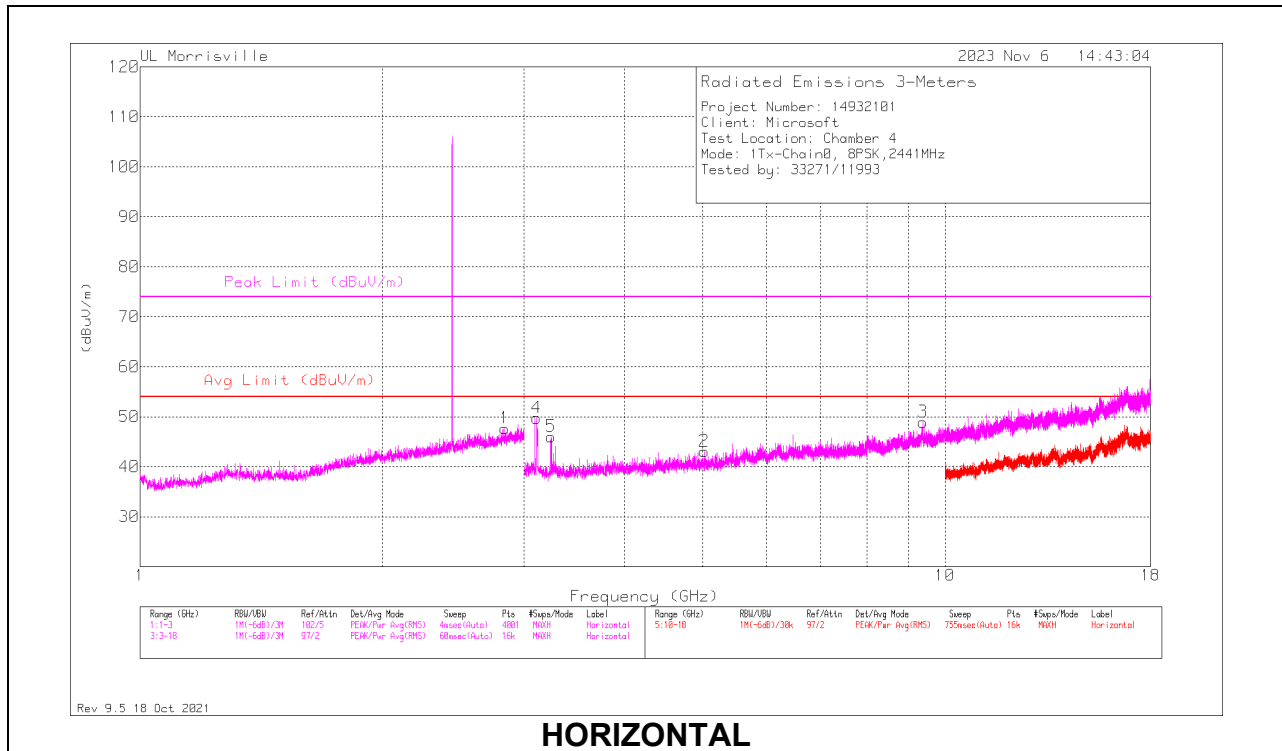


**RADIATED EMISSIONS**

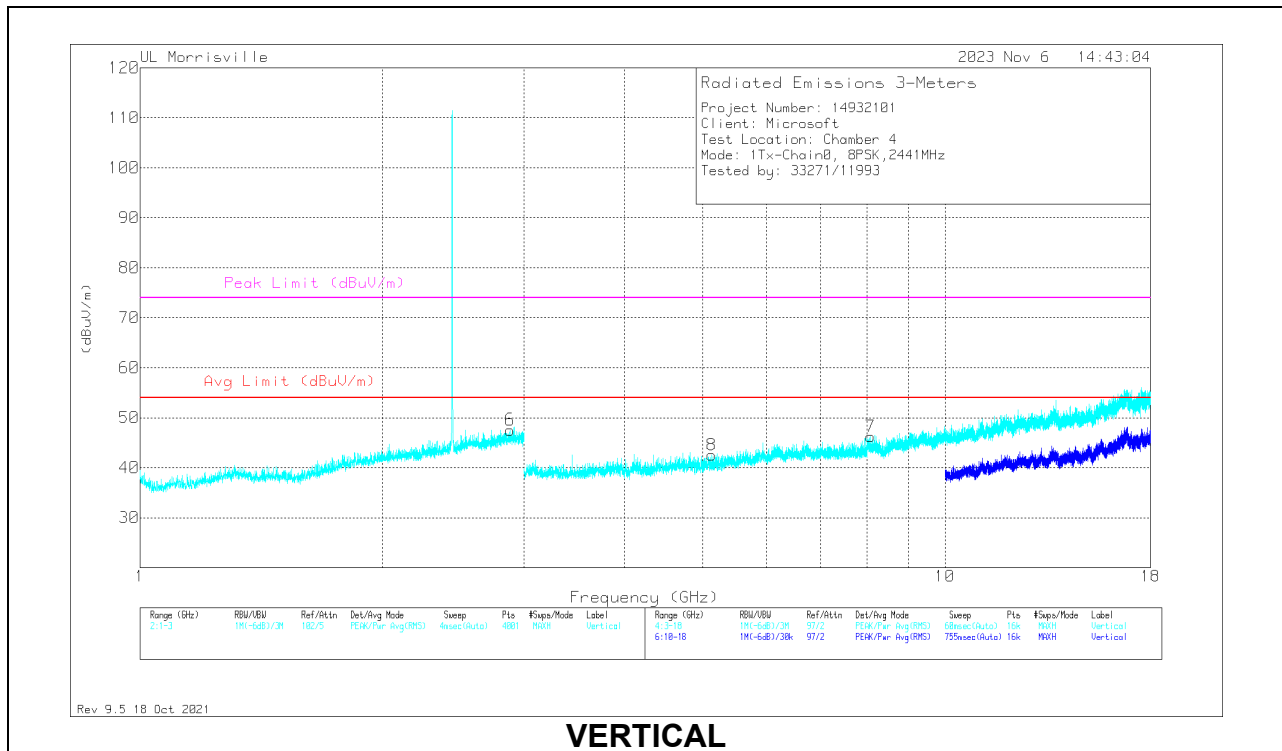
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.85527	30.19	PK2	32.4	-12.2	0	50.39	-	-	74	-23.61	11	283	H
	*** 2.85527	30.19	PK2	32.4	-12.2	-24	26.39	54	-27.61	-	-	11	283	H
2	*** 4.76531	40.56	PK	34	-31.7	0	42.86	54	-11.14	74	-31.14	0-360	100	H
3	*** 7.36594	37.37	PK	35.5	-28.1	0	44.77	54	-9.23	74	-29.23	0-360	100	H
4	*** 8.025	37.75	PK	35.8	-27.4	0	46.15	54	-7.85	74	-27.85	0-360	100	H
5	*** 9.05719	36.13	PK	36.2	-24.6	0	47.73	54	-6.27	74	-26.27	0-360	100	H
6	*** 9.34138	37.66	PK2	36.5	-25.1	0	49.06	-	-	74	-24.94	46	400	H
	*** 9.34138	37.66	PK2	36.5	-25.1	-24	25.06	54	-28.94	-	-	46	400	H
7	*** 2.85907	28	PK2	32.4	-12	0	48.4	-	-	74	-25.6	234	228	V
	*** 2.85907	28	PK2	32.4	-12	-24	24.4	54	-29.6	-	-	234	228	V
8	*** 4.65188	40.43	PK	34.1	-31.3	0	43.23	54	-10.77	74	-30.77	0-360	200	V
9	7.20656	39.74	PK	35.6	-28	0	47.34	-	-	-	-	0-360	200	V
10	*** 7.38844	37.71	PK	35.6	-27.9	0	45.41	54	-8.59	74	-28.59	0-360	200	V
11	*** 8.05031	37.68	PK	35.8	-27.7	0	45.78	54	-8.22	74	-28.22	0-360	200	V
12	*** 9.19969	36.46	PK	36.4	-25.5	0	47.36	54	-6.64	74	-26.64	0-360	200	V

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

### 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	*** 2.839	27.8	Pk	32.3	-12.4	0	47.7	54	-6.3	74	-26.3	0-360	100	H
2	*** 5.02219	41.08	Pk	34.1	-32.1	0	43.08	54	-10.92	74	-30.92	0-360	100	H
3	*** 9.39029	37.4	PK2	36.6	-25.7	0	48.3	-	-	74	-25.7	230	137	H
	*** 9.39029	37.4	PK2	36.6	-25.7	-24	24.3	54	-29.7	-	-	230	137	H
4	3.10875	51.15	Pk	33.1	-34.5	0	49.75	-	-	-	-	0-360	100	H
5	3.24188	47.72	Pk	32.8	-34.5	0	46.02	-	-	-	-	0-360	100	H
6	*** 2.883	27.23	Pk	32.4	-12.1	0	47.53	54	-6.47	74	-26.47	0-360	200	V
7	*** 8.08688	37.63	Pk	35.8	-27.2	0	46.23	54	-7.77	74	-27.77	0-360	200	V
8	*** 5.12719	39.32	Pk	34.2	-31	0	42.52	54	-11.48	74	-31.48	0-360	200	V

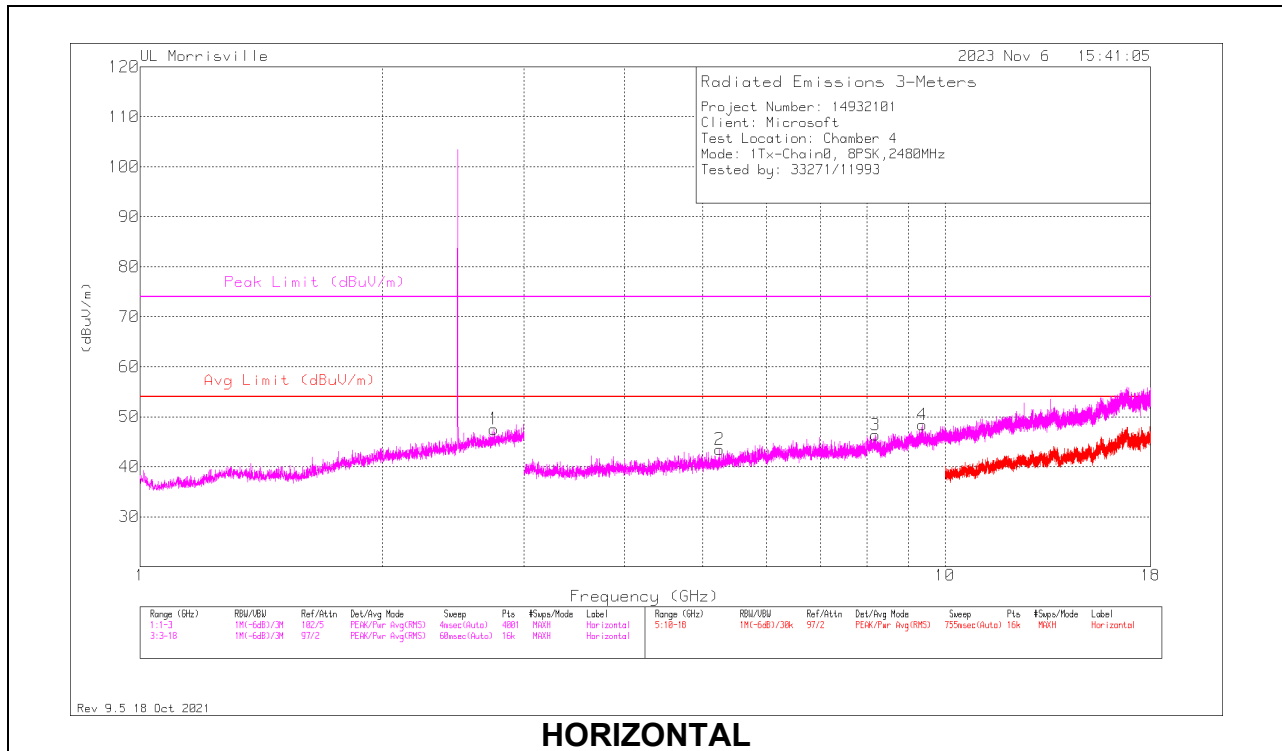
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

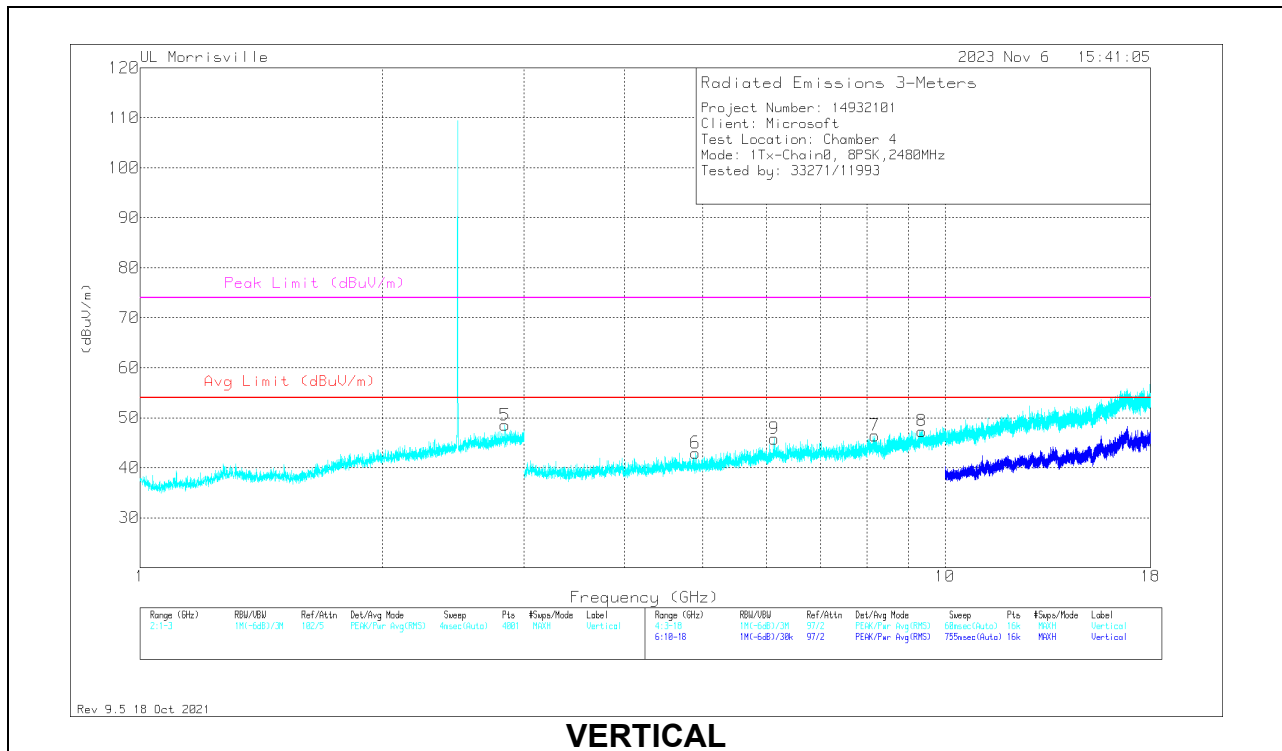
Pk - Peak detector

PK2 -Maximum Peak

### 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	*** 2.7525	27.44	Pk	32.5	-12.4	0	47.54	54	-6.46	74	-26.46	0-360	100	H
5	*** 2.84055	29.73	PK2	32.3	-12.3	0	49.73	-	-	74	-24.27	92	167	V
	*** 2.84055	29.73	PK2	32.3	-12.3	-24	25.73	54	-28.27	-	-	92	167	V
2	** 5.24438	40.55	Pk	34.2	-31.3	0	43.45	54	-10.55	74	-30.55	0-360	100	H
3	*** 8.19938	37.36	Pk	35.8	-26.8	0	46.36	54	-7.64	74	-27.64	0-360	100	H
4	*** 9.37785	37.31	PK2	36.6	-25	0	48.91	-	-	74	-25.09	318	321	H
	*** 9.37785	37.31	PK2	36.6	-25	-24	24.91	54	-29.09	-	-	318	321	H
6	*** 4.89563	40.34	Pk	34	-31.4	0	42.94	54	-11.06	74	-31.06	0-360	200	V
7	*** 8.17875	37.43	Pk	35.8	-26.8	0	46.43	54	-7.57	74	-27.57	0-360	200	V
8	*** 9.35719	35.61	Pk	36.5	-24.8	0	47.31	54	-6.69	74	-26.69	0-360	200	V
9	6.13688	39.5	Pk	35.3	-29	0	45.8	-	-	-	-	0-360	200	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

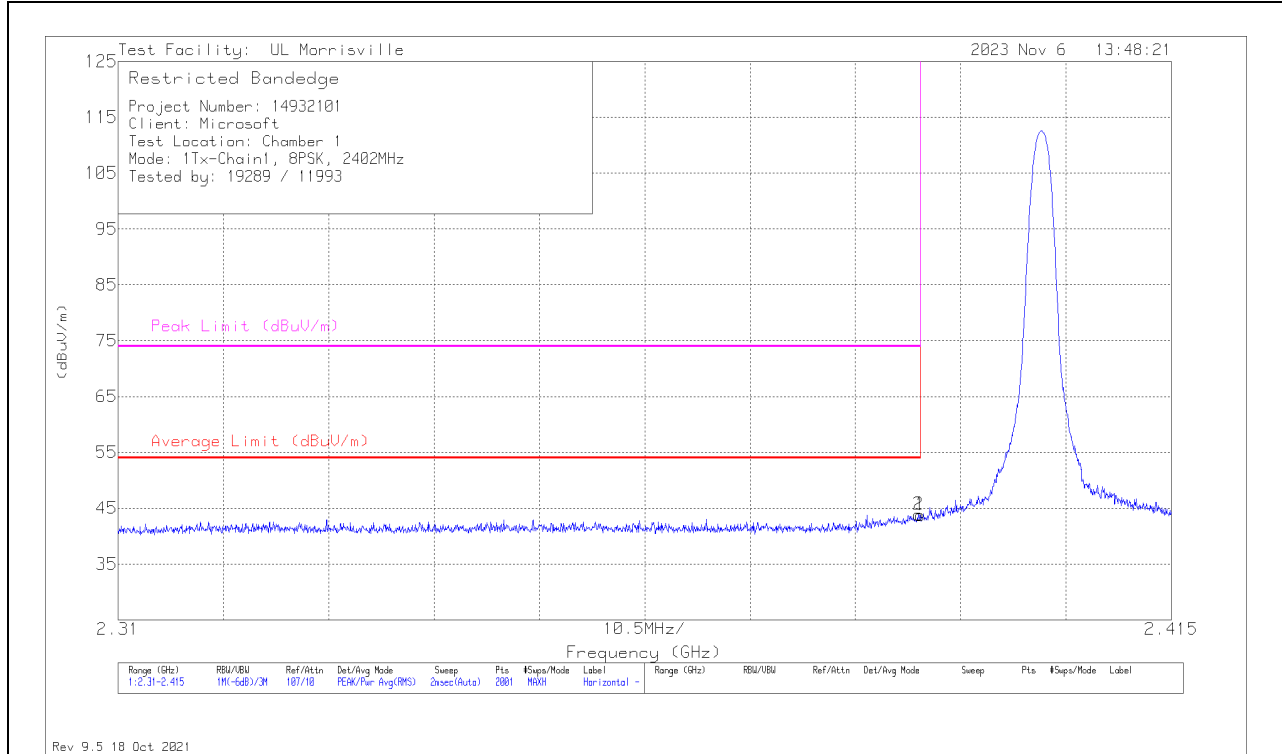
Pk - Peak detector

PK2 -Maximum Peak

**CHAIN 1**

**BANDEDGE (LOW CHANNEL)**

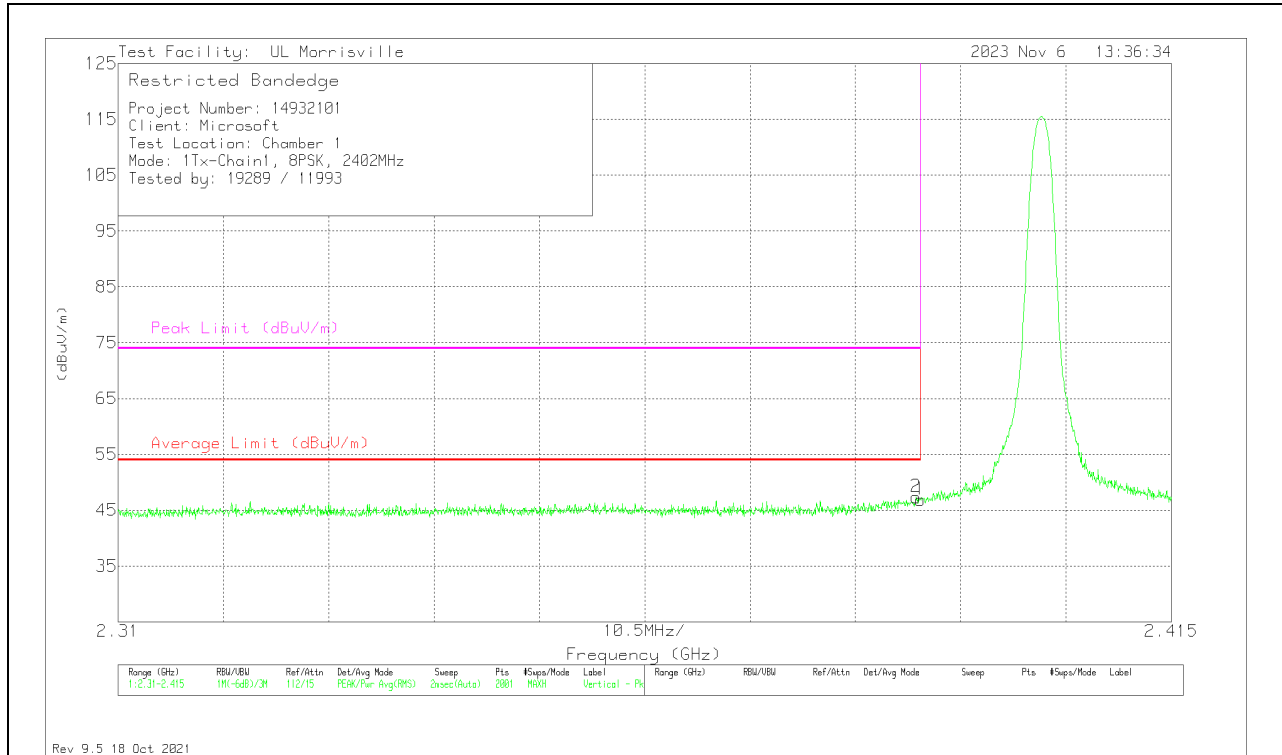
**HORIZONTAL RESULT**



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	35.88	Pk	32.1	-24.2	0	43.78	-	-	74	-30.22	22	328	H
	*** 2.38996	35.88	Pk	32.1	-24.2	-24	19.78	54	-34.22	-	-	22	328	H
2	*** 2.3898	35.96	Pk	32.1	-24.2	0	43.86	-	-	74	-30.14	22	328	H
	*** 2.3898	35.96	Pk	32.1	-24.2	-24	19.86	54	-34.14	-	-	22	328	H

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

### VERTICAL RESULT

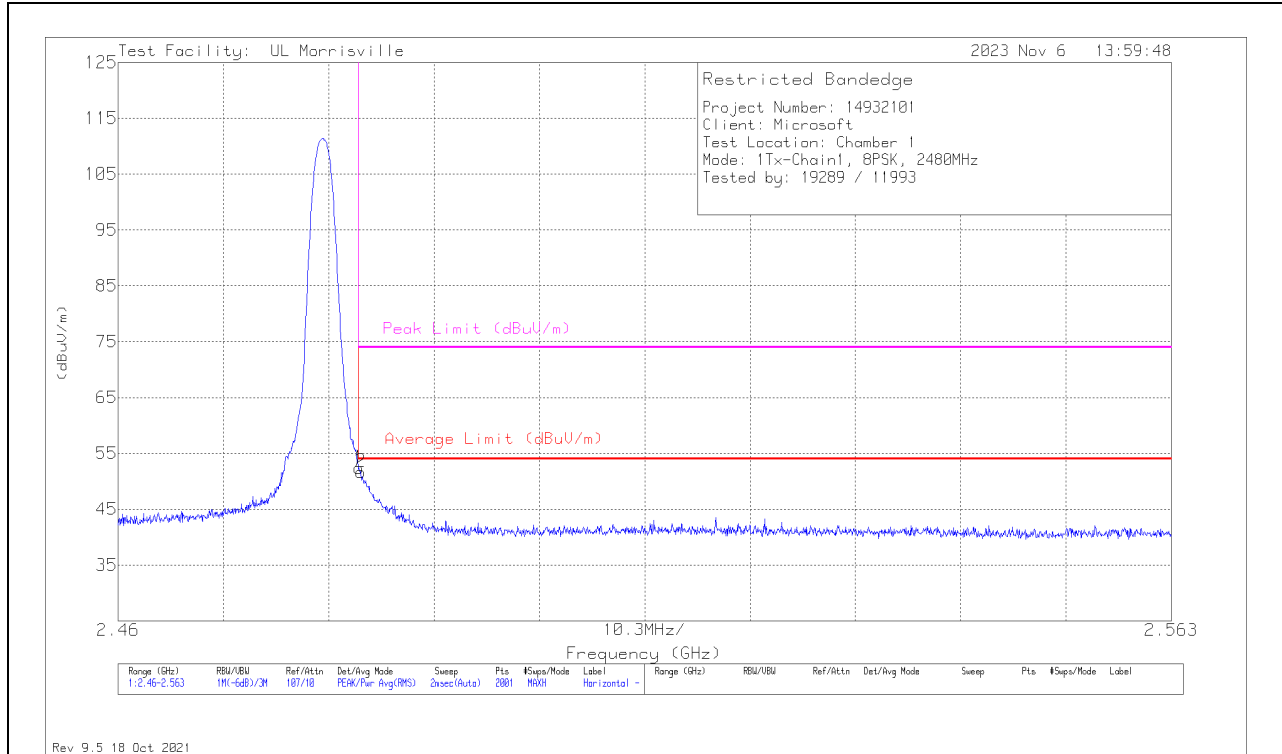


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	38.97	Pk	32.1	-24.2	0	46.87	-	-	74	-27.13	329	252	V
	*** 2.38996	38.97	Pk	32.1	-24.2	-24	22.87	54	-31.13	-	-	329	252	V
2	*** 2.38954	39.46	Pk	32.1	-24.2	0	47.36	-	-	74	-26.64	329	252	V
	*** 2.38954	39.46	Pk	32.1	-24.2	-24	23.36	54	-30.64	-	-	329	252	V

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

**BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL RESULT**

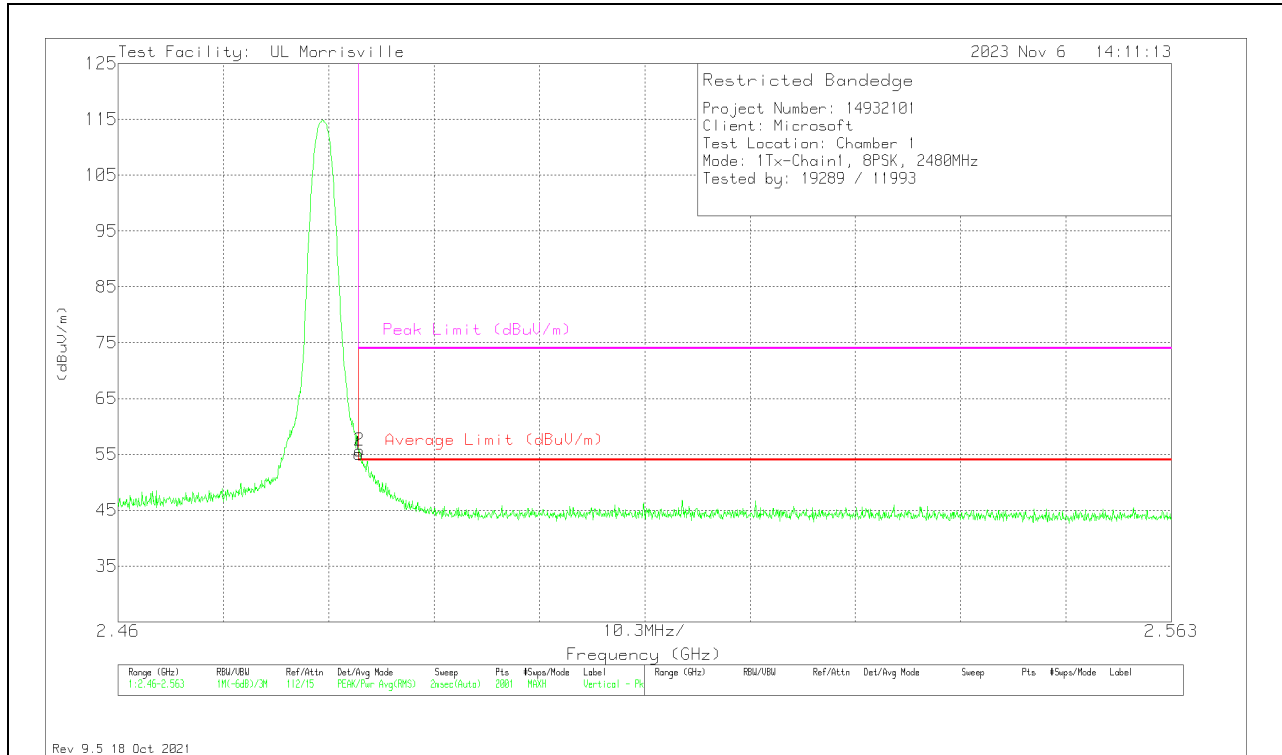


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	44.57	Pk	32.3	-24.5	0	52.37	-	-	74	-21.63	18	385	H
	* ** 2.48354	44.57	Pk	32.3	-24.5	-24	28.37	54	-25.63	-	-	18	385	H
2	* ** 2.48374	43.88	Pk	32.3	-24.5	0	51.68	-	-	74	-22.32	18	385	H
	* ** 2.48374	43.88	Pk	32.3	-24.5	-24	27.68	54	-26.32	-	-	18	385	H

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



### VERTICAL RESULT

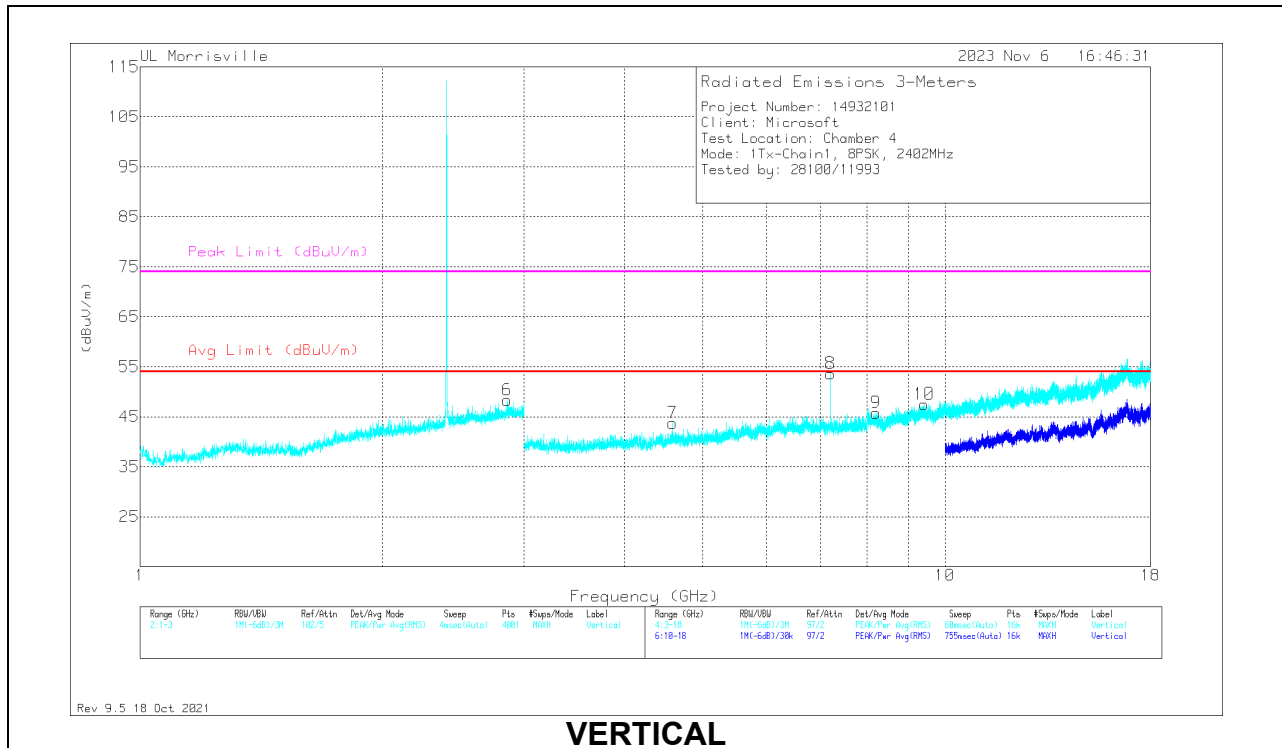
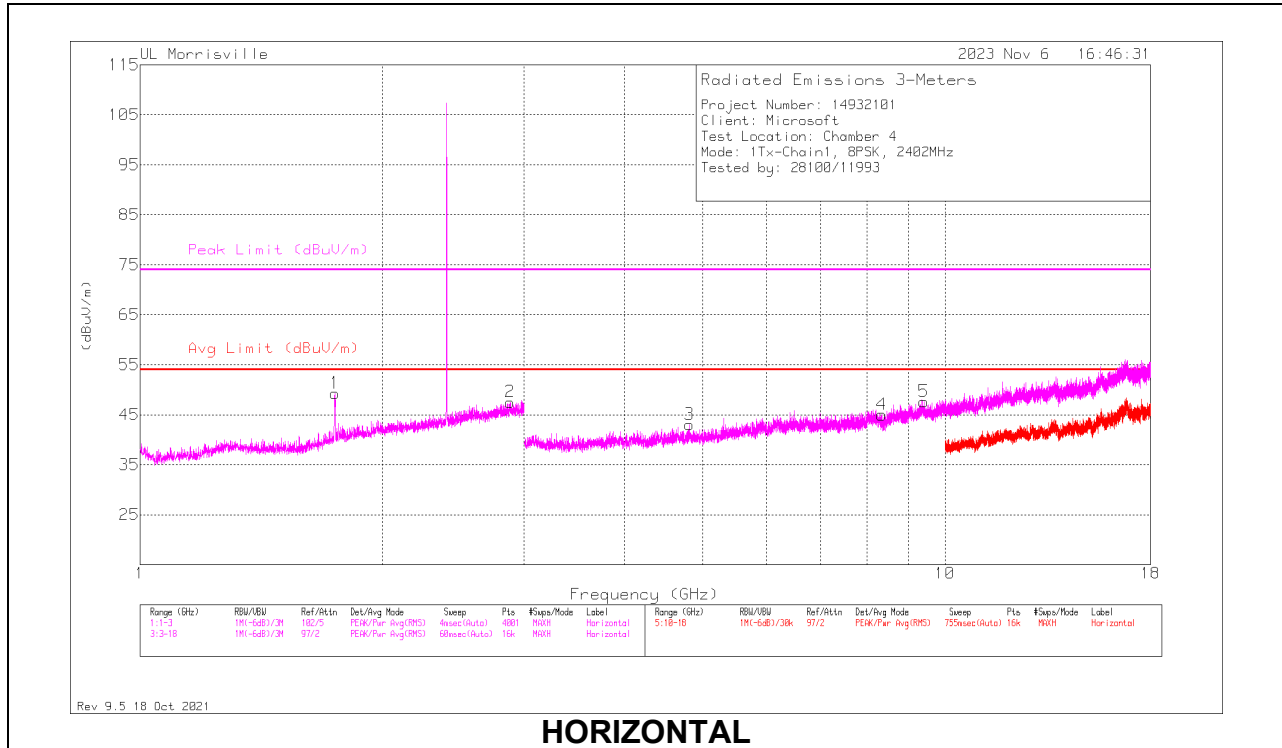


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	47.27	Pk	32.3	-24.5	0	55.07	-	-	74	-18.93	357	385	V
	*** 2.48354	47.27	Pk	32.3	-24.5	-24	31.07	54	-22.93	-	-	357	385	V
2	*** 2.48359	47.86	Pk	32.3	-24.5	0	55.66	-	-	74	-18.34	357	385	V
	*** 2.48359	47.86	Pk	32.3	-24.5	-24	31.66	54	-22.34	-	-	357	385	V

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

# 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	** 1.74506	33.12	PK2	29.6	-14.1	0	48.62	-	-	74	-25.38	280	130	H
	** 1.74506	33.12	PK2	29.6	-14.1	-24	24.62	54	-29.38	-	-	280	130	H
2	*** 2.881	27.24	Pk	32.4	-12.1	0	47.54	54	-6.46	74	-26.46	0-360	100	H
6	*** 2.85885	28.42	PK2	32.4	-12.1	0	48.72	-	-	74	-25.28	229	222	V
	*** 2.85885	28.42	PK2	32.4	-12.1	-24	24.72	54	-29.28	-	-	229	222	V
3	*** 4.815	40.35	Pk	34.1	-31.4	0	43.05	54	-10.95	74	-30.95	0-360	100	H
4	*** 8.34375	35.81	Pk	35.8	-26.6	0	45.01	54	-8.99	74	-28.99	0-360	100	H
5	*** 9.41344	36.52	Pk	36.6	-25.5	0	47.62	54	-6.38	74	-26.38	0-360	100	H
7	*** 4.58531	41.34	Pk	34	-31.6	0	43.74	54	-10.26	74	-30.26	0-360	200	V
9	*** 8.2125	36.57	Pk	35.8	-26.6	0	45.77	54	-8.23	74	-28.23	0-360	200	V
10	*** 9.42188	36.59	Pk	36.6	-25.7	0	47.49	54	-6.51	74	-26.51	0-360	200	V
8	7.20656	46.02	Pk	35.6	-28	0	53.62	-	-	-	-	0-360	200	V

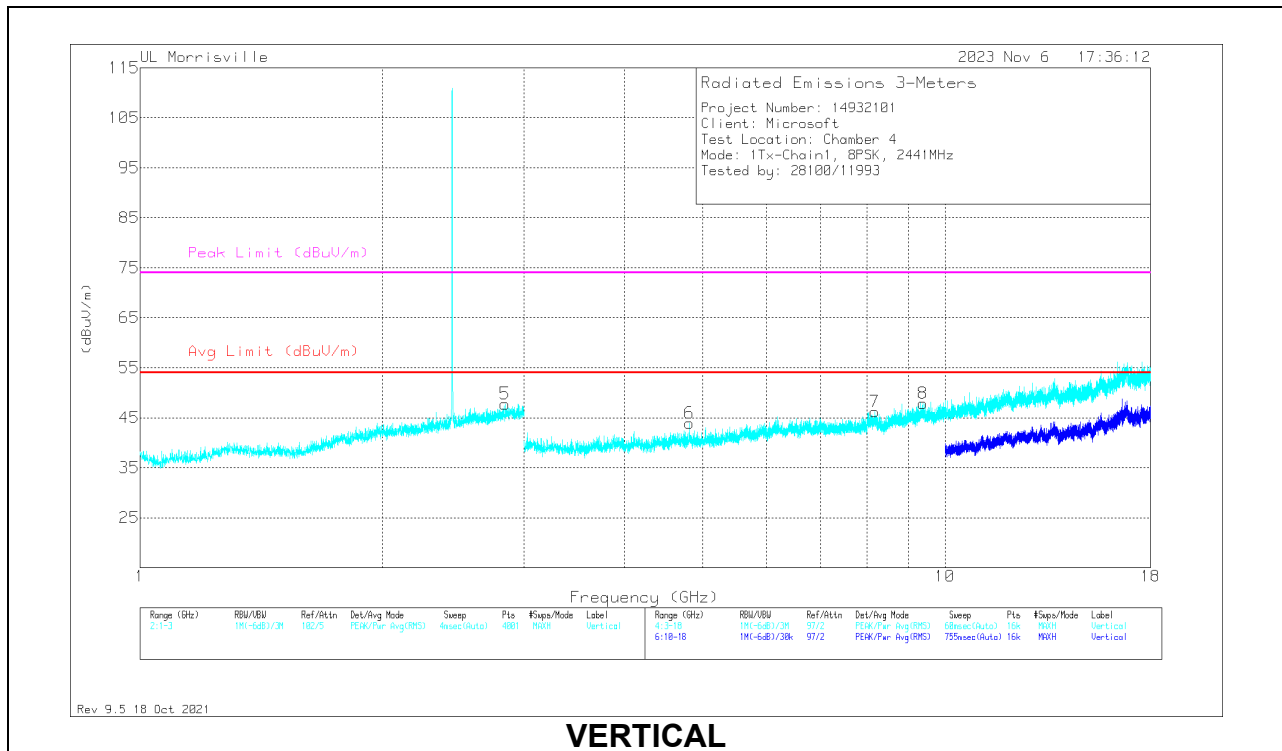
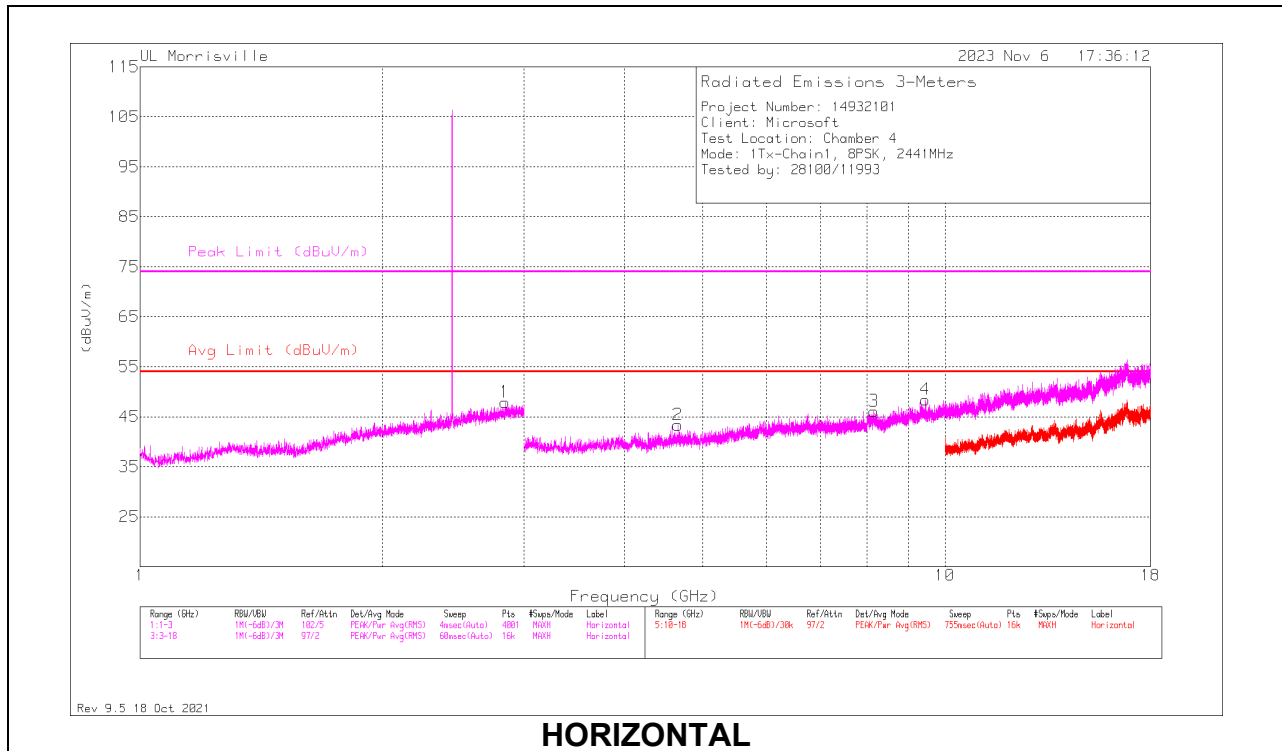
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 -Maximum Peak

### 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	*** 2.84	27.9	Pk	32.3	-12.3	0	47.9	54	-6.1	74	-26.1	0-360	100	H
5	*** 2.8405	27.75	Pk	32.3	-12.3	0	47.75	54	-6.25	74	-26.25	0-360	200	V
2	*** 4.65563	40.56	Pk	34.1	-31.3	0	43.36	54	-10.64	74	-30.64	0-360	100	H
3	*** 8.15813	37.29	Pk	35.8	-27	0	46.09	54	-7.91	74	-27.91	0-360	100	H
4	*** 9.45656	36.8	PK2	36.7	-25.8	0	47.7	-	-	74	-26.3	178	104	H
	*** 9.45656	36.8	PK2	36.7	-25.8	-24	23.7	54	-30.3	-	-	178	104	H
6	*** 4.81406	41.29	Pk	34.1	-31.5	0	43.89	54	-10.11	74	-30.11	0-360	200	V
7	*** 8.17781	37.2	Pk	35.8	-26.8	0	46.2	54	-7.8	74	-27.8	0-360	200	V
8	*** 9.39375	36.76	Pk	36.6	-25.5	0	47.86	54	-6.14	74	-26.14	0-360	200	V

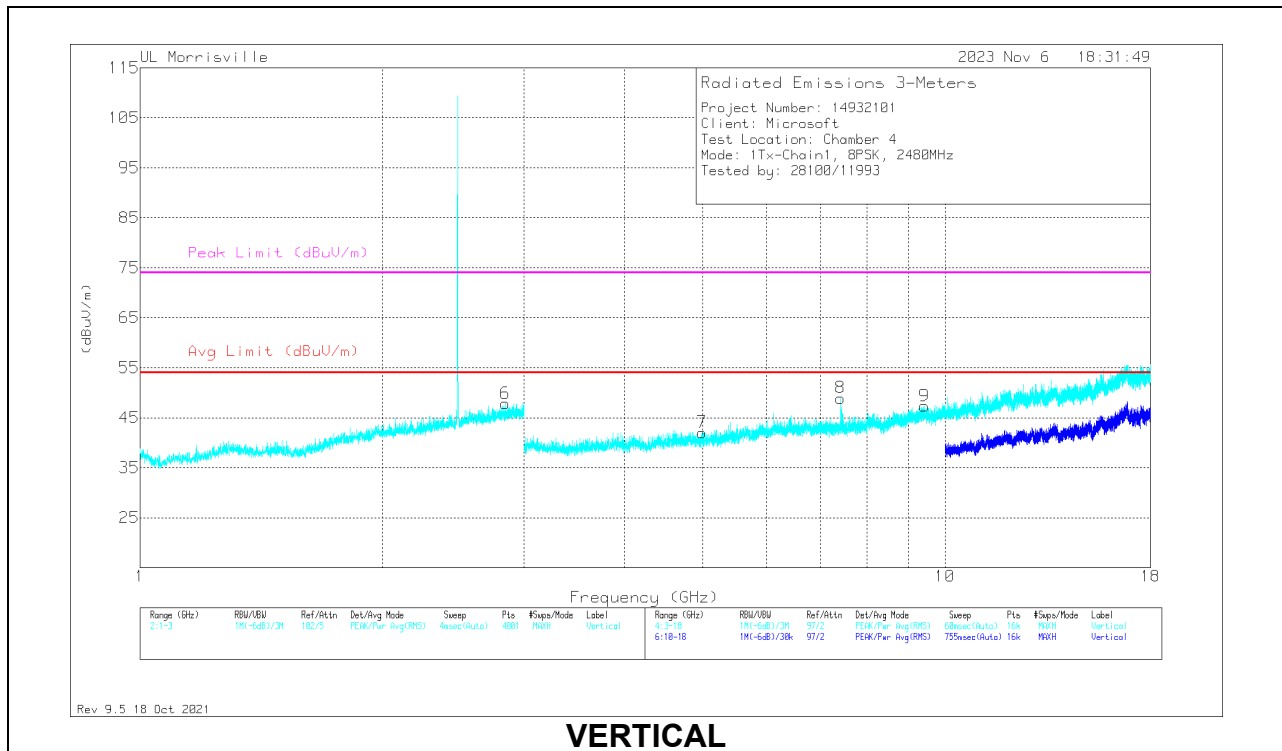
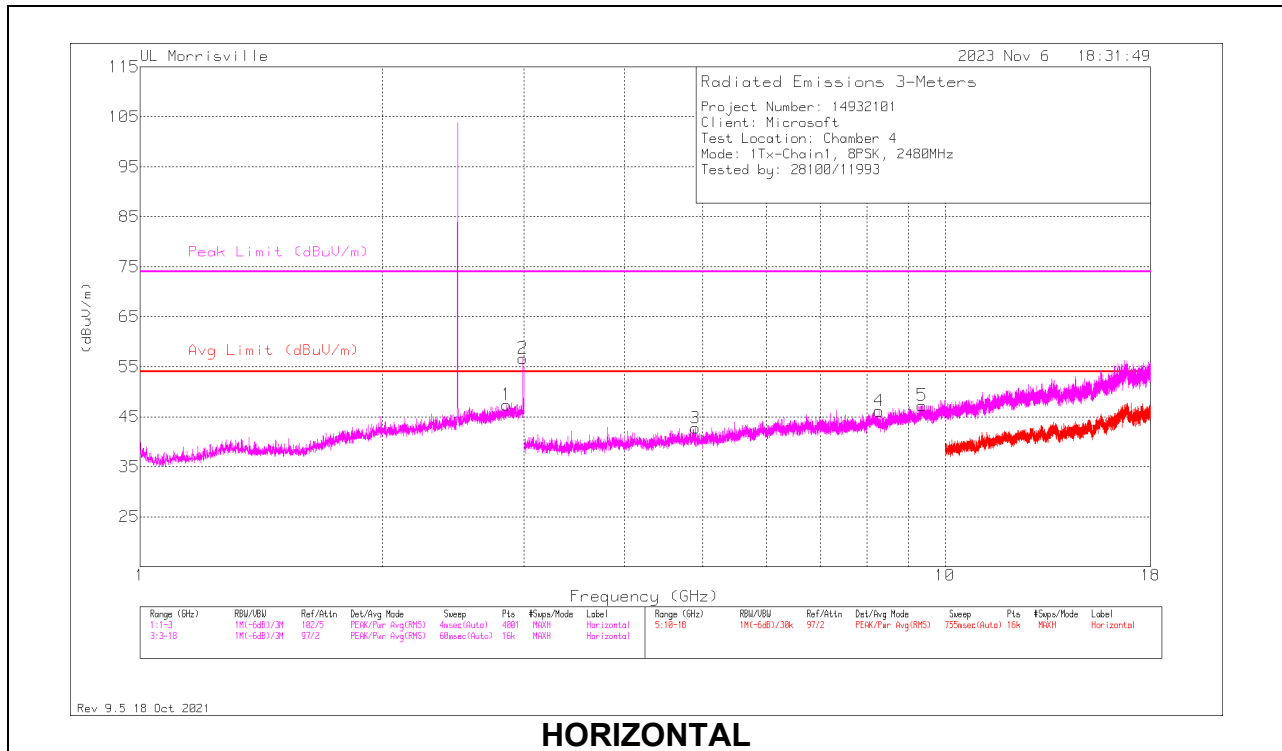
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 -Maximum Peak

### HIGH CHANNEL RESULTS



**RADIATED EMISSIONS**

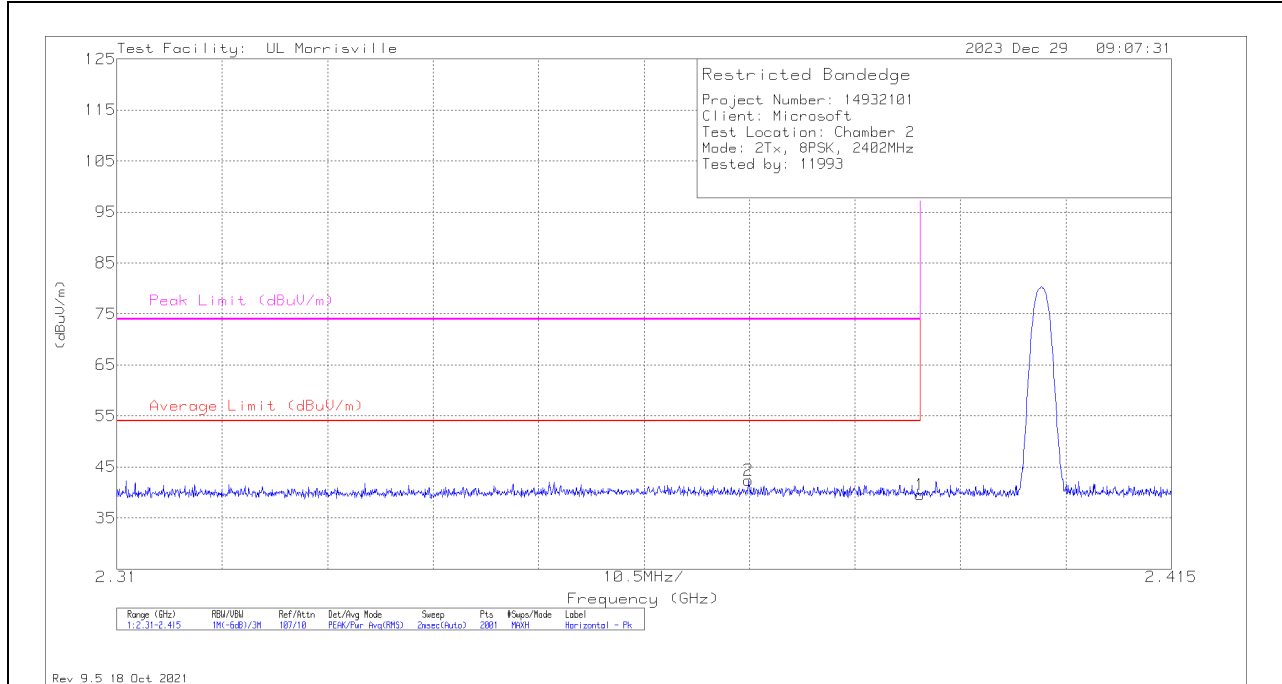
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8525	27.4	Pk	32.4	-12.4	0	47.4	54	-6.6	74	-26.6	0-360	100	H
6	*** 2.844	27.66	Pk	32.3	-12.1	0	47.86	54	-6.14	74	-26.14	0-360	200	V
3	*** 4.89563	40.15	Pk	34	-31.4	0	42.75	54	-11.25	74	-31.25	0-360	100	H
4	*** 8.28	37.06	Pk	35.8	-26.7	0	46.16	54	-7.84	74	-27.84	0-360	100	H
5	*** 9.36375	35.46	Pk	36.5	-24.7	0	47.26	54	-6.74	74	-26.74	0-360	100	H
7	*** 4.98938	39.62	Pk	34.1	-31.7	0	42.02	54	-11.98	74	-31.98	0-360	200	V
8	*** 7.4222	41.63	PK2	35.6	-28.4	0	48.83	-	-	74	-25.17	270	170	V
	*** 7.4222	41.63	PK2	35.6	-28.4	-24	24.83	54	-29.17	-	-	270	170	V
9	*** 9.4275	36.22	Pk	36.7	-25.6	0	47.32	54	-6.68	74	-26.68	0-360	200	V
2	2.9885	35.56	Pk	32.9	-11.8	0	56.66	-	-	-	-	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

**2Tx**

**BANDEDGE (LOW CHANNEL)**

**HORIZONTAL RESULT**

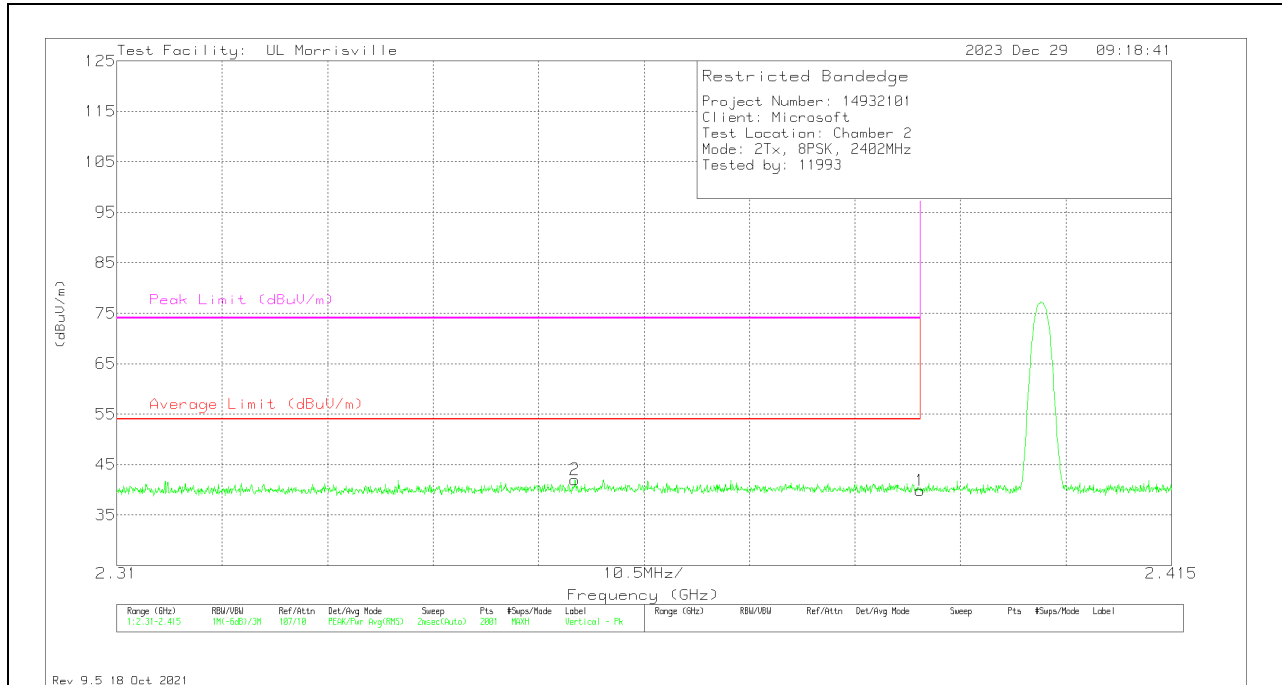


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.38996	31.44	Pk	32.3	-24.2	0	39.54	-	-	74	-34.46	327	101	H
	* ** 2.38996	31.44	Pk	32.3	-24.2	-24	15.54	54	-38.46	-	-	327	101	H
2	* ** 2.3729	34.24	Pk	32.2	-24.1	0	42.34	-	-	74	-31.66	327	101	H
	* ** 2.3729	34.24	Pk	32.2	-24.1	-24	18.34	54	-35.66	-	-	327	101	H

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



### VERTICAL RESULT

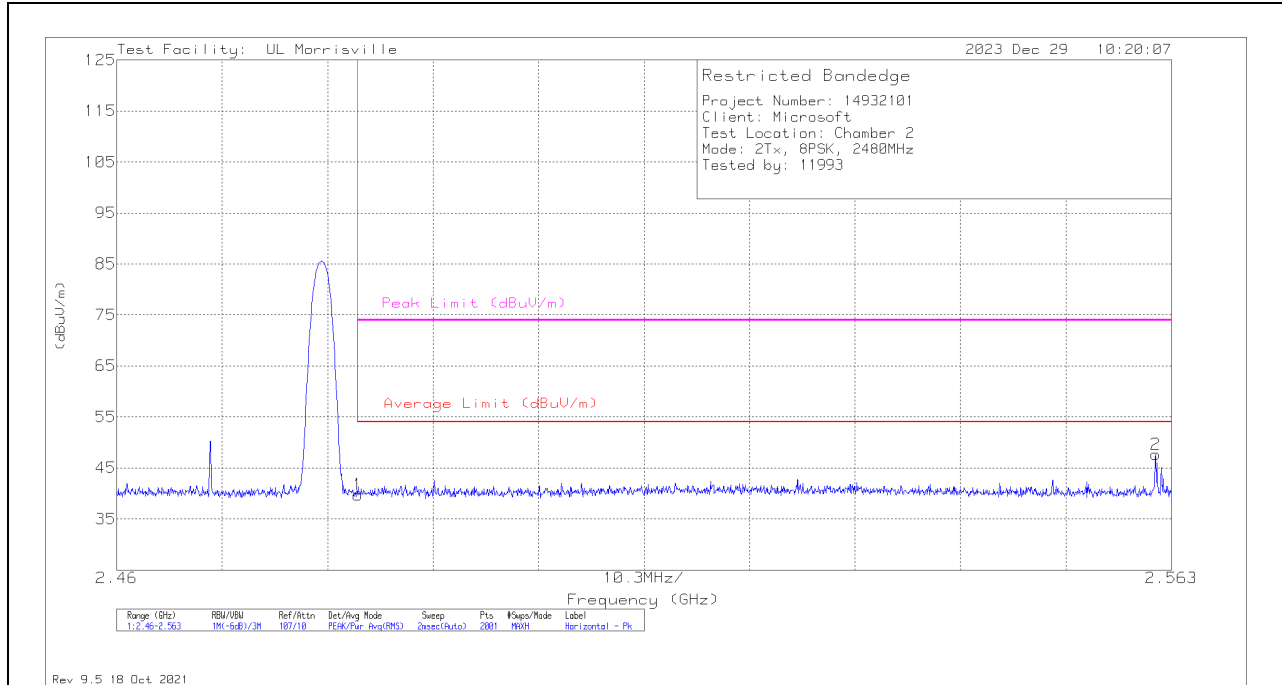


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	31.71	Pk	32.3	-24.2	0	39.81	-	-	74	-34.19	118	105	V
	*** 2.38996	31.71	Pk	32.3	-24.2	-24	15.81	54	-38.19	-	-	118	105	V
2	*** 2.35562	33.83	Pk	32.1	-23.9	0	42.03	-	-	74	-31.97	118	105	V
	*** 2.35562	33.83	Pk	32.1	-23.9	-24	18.03	54	-35.97	-	-	118	105	V

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

**BANDEDGE (HIGH CHANNEL)**

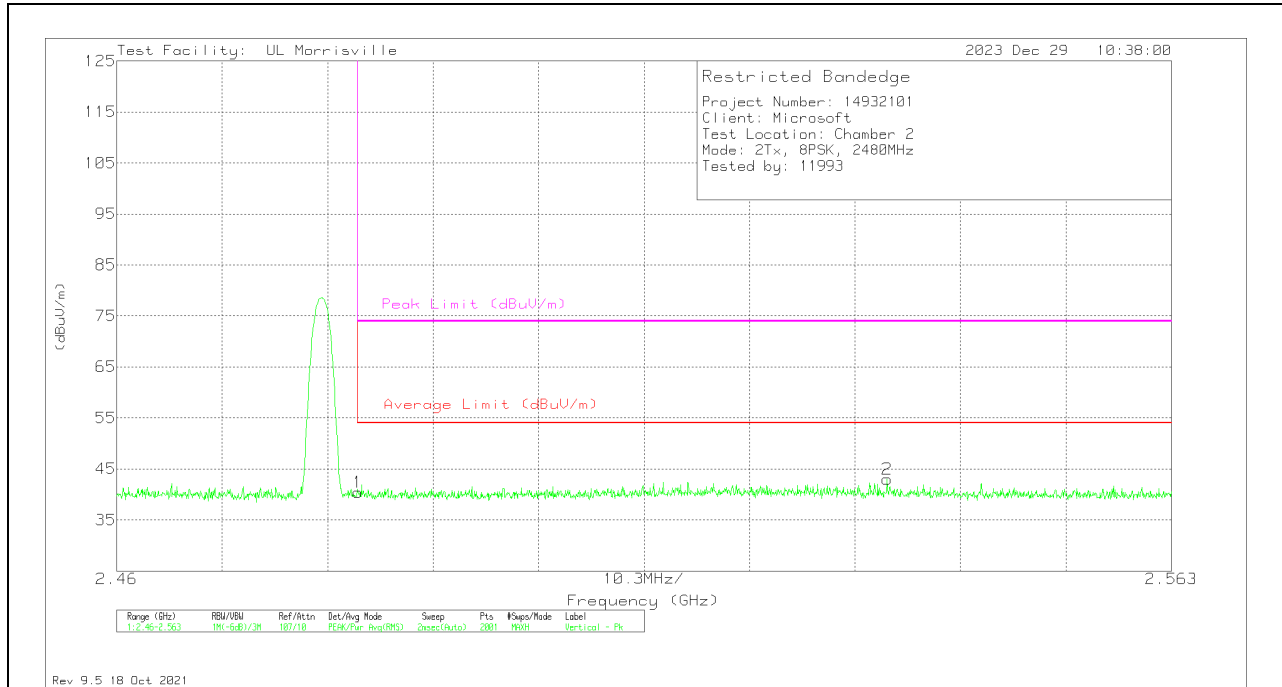
**HORIZONTAL RESULT**



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	31.74	Pk	32.5	-24.5	0	39.74	-	-	74	-34.26	333	149	H
	* ** 2.48354	31.74	Pk	32.5	-24.5	-24	15.74	54	-38.26	-	-	333	149	H
2	** 2.56146	40.18	Pk	32.5	-25	0	47.68	-	-	74	-26.32	333	149	H
	** 2.56146	40.18	Pk	32.5	-25	-24	23.68	54	-30.32	-	-	333	149	H

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

### VERTICAL RESULT

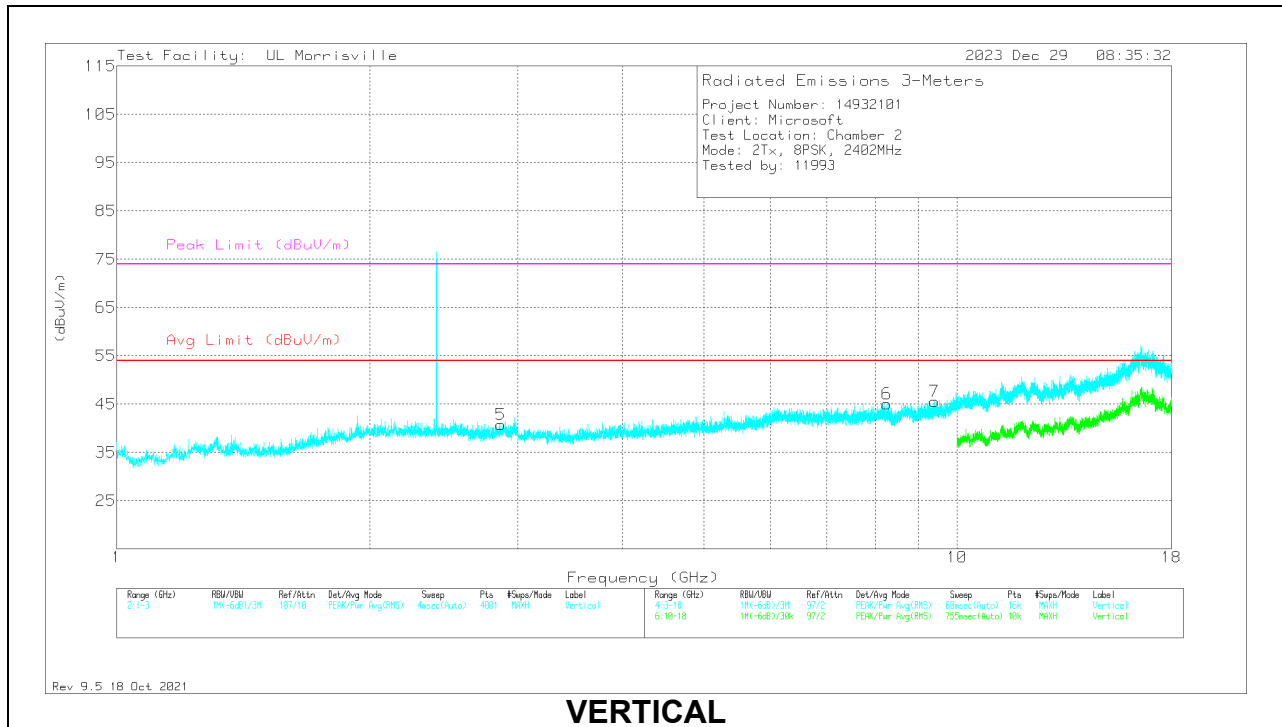
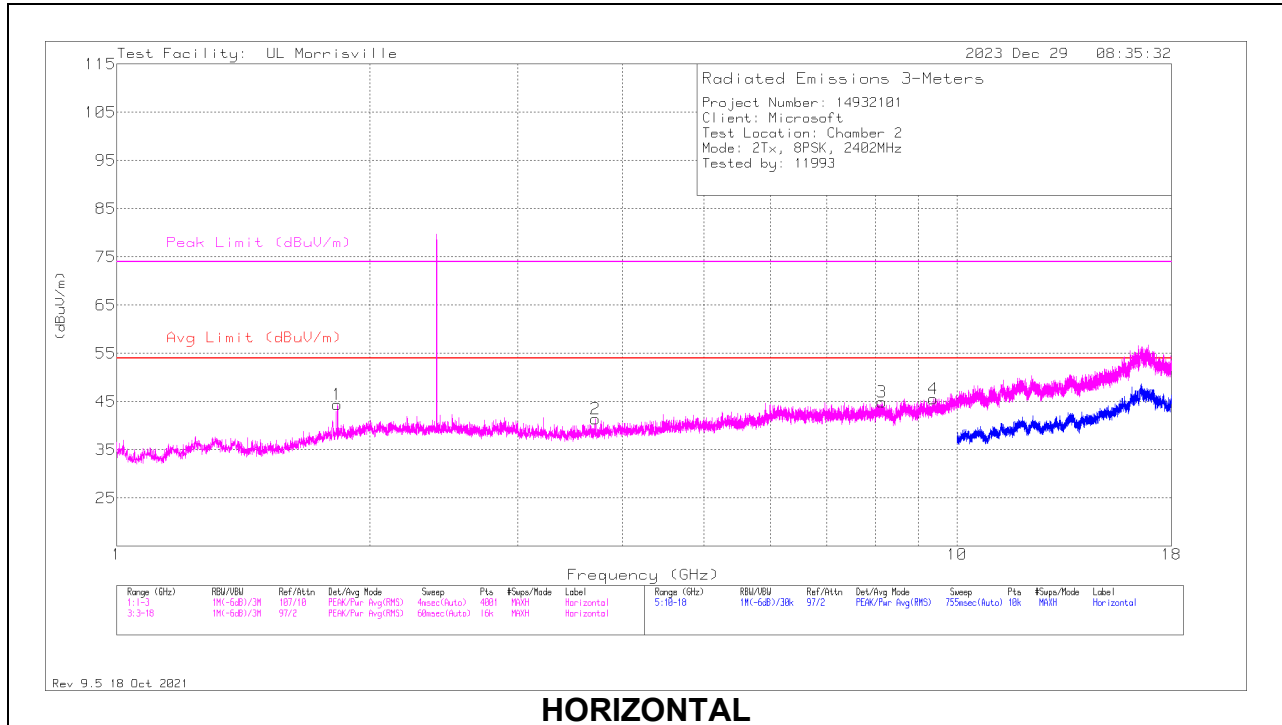


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	86408 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	32.47	Pk	32.5	-24.5	0	40.47	-	-	74	-33.53	12	254	V
	* ** 2.48354	32.47	Pk	32.5	-24.5	-24	16.47	54	-37.53	-	-	12	254	V
2	** 2.53524	35.39	Pk	32.5	-24.9	0	42.99	-	-	74	-31.01	12	254	V
	** 2.53524	35.39	Pk	32.5	-24.9	-24	18.99	54	-35.01	-	-	12	254	V

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

# HARMONICS AND SPURIOUS EMISSIONS

## LOW CHANNEL RESULTS



**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	** 1.8315	36.59	Pk	30.6	-22.8	44.39	54	-9.61	74	-29.61	0-360	101	H
5	*** 2.867	34.06	Pk	32.6	-25.9	40.76	54	-13.24	74	-33.24	0-360	200	V
2	*** 3.71531	40.62	Pk	33.1	-32.3	41.42	54	-12.58	74	-32.58	0-360	101	H
3	*** 8.14031	35.77	Pk	35.8	-26.6	44.97	54	-9.03	74	-29.03	0-360	101	H
4	*** 9.37688	34.79	Pk	36.2	-25.4	45.59	54	-8.41	74	-28.41	0-360	200	H
6	*** 8.2575	36.06	Pk	35.8	-26.8	45.06	54	-8.94	74	-28.94	0-360	200	V
7	*** 9.40875	34.54	Pk	36.2	-25.2	45.54	54	-8.46	74	-28.46	0-360	101	V

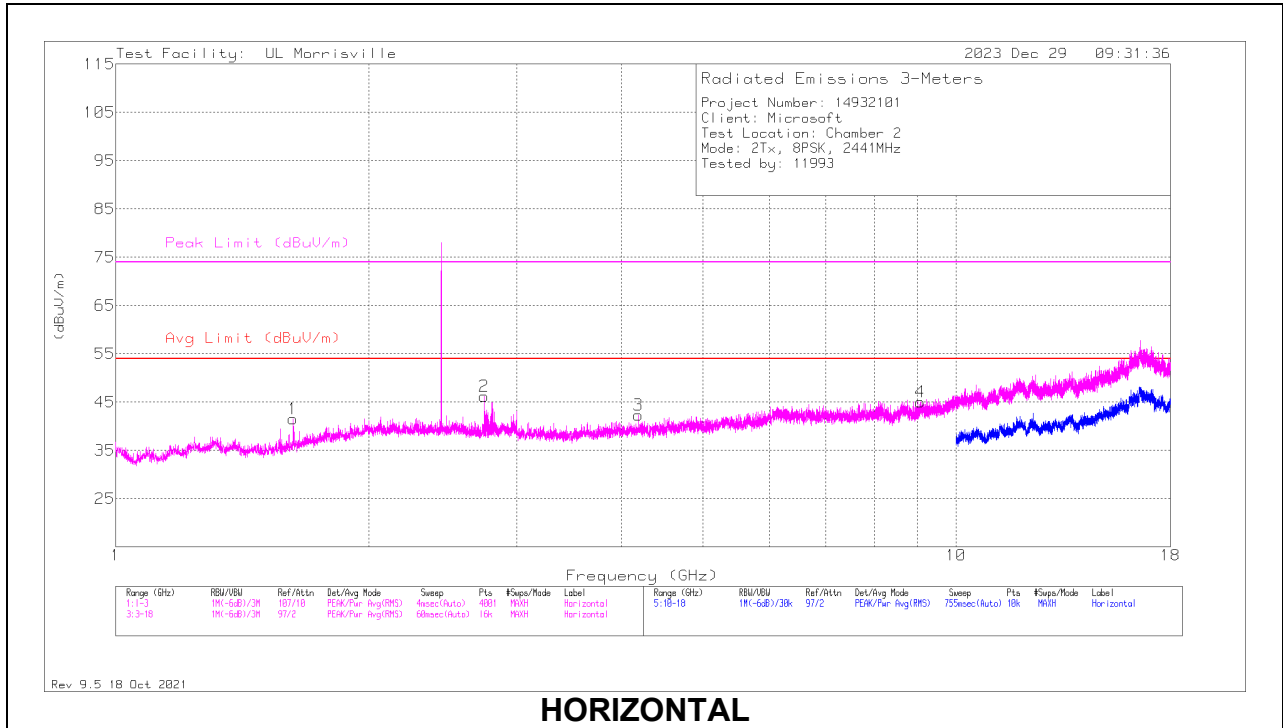
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

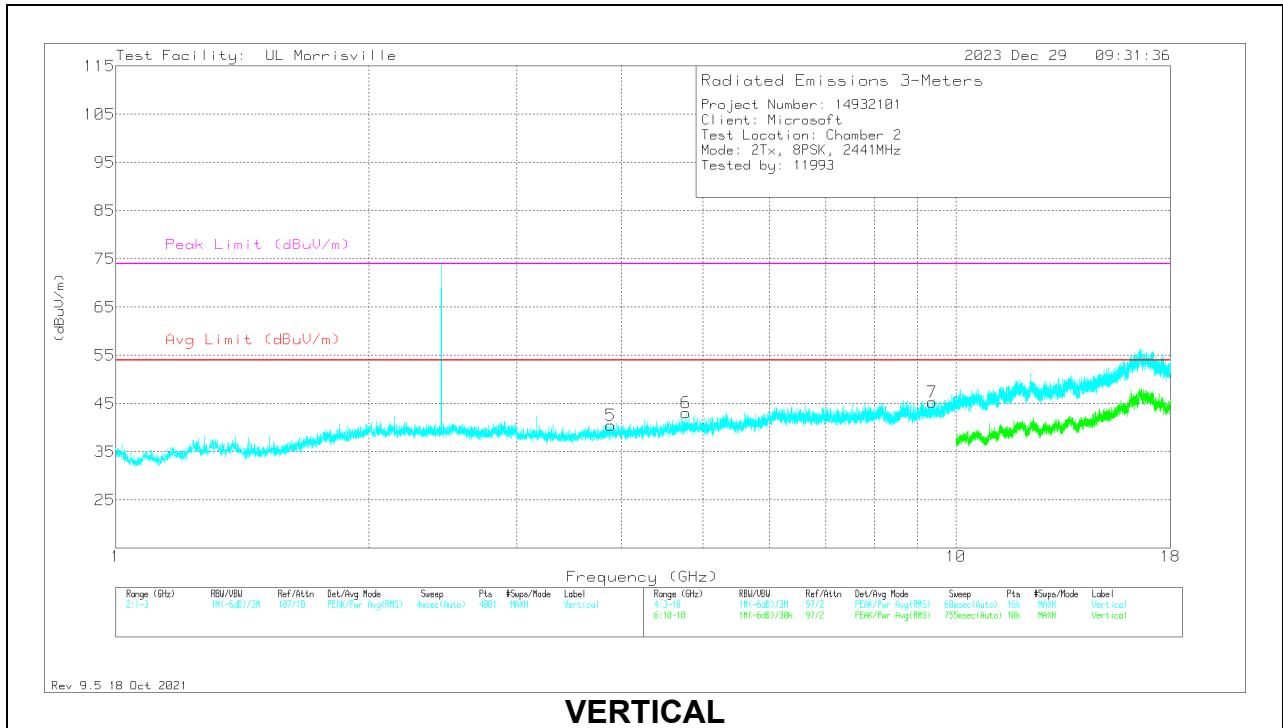
Pk - Peak detector

PK2 - Maximum Peak

### MID 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	* ** 1.6265	35.51	Pk	28.7	-22.7	41.51	54	-12.49	74	-32.49	0-360	101	H
2	* ** 2.745	39.78	Pk	32.3	-25.9	46.18	54	-7.82	74	-27.82	0-360	199	H
3	* ** 4.18969	39.17	Pk	33.4	-30.3	42.27	54	-11.73	74	-31.73	0-360	101	H
4	* ** 9.06656	34.32	Pk	35.9	-25.2	45.02	54	-8.98	74	-28.98	0-360	101	H
5	* ** 3.885	38.65	Pk	33.4	-31.6	40.45	54	-13.55	74	-33.55	0-360	101	V
6	* ** 4.77469	39.59	Pk	34.2	-30.7	43.09	54	-10.91	74	-30.91	0-360	101	V
7	* ** 9.37031	34.59	Pk	36.1	-25.4	45.29	54	-8.71	74	-28.71	0-360	199	V

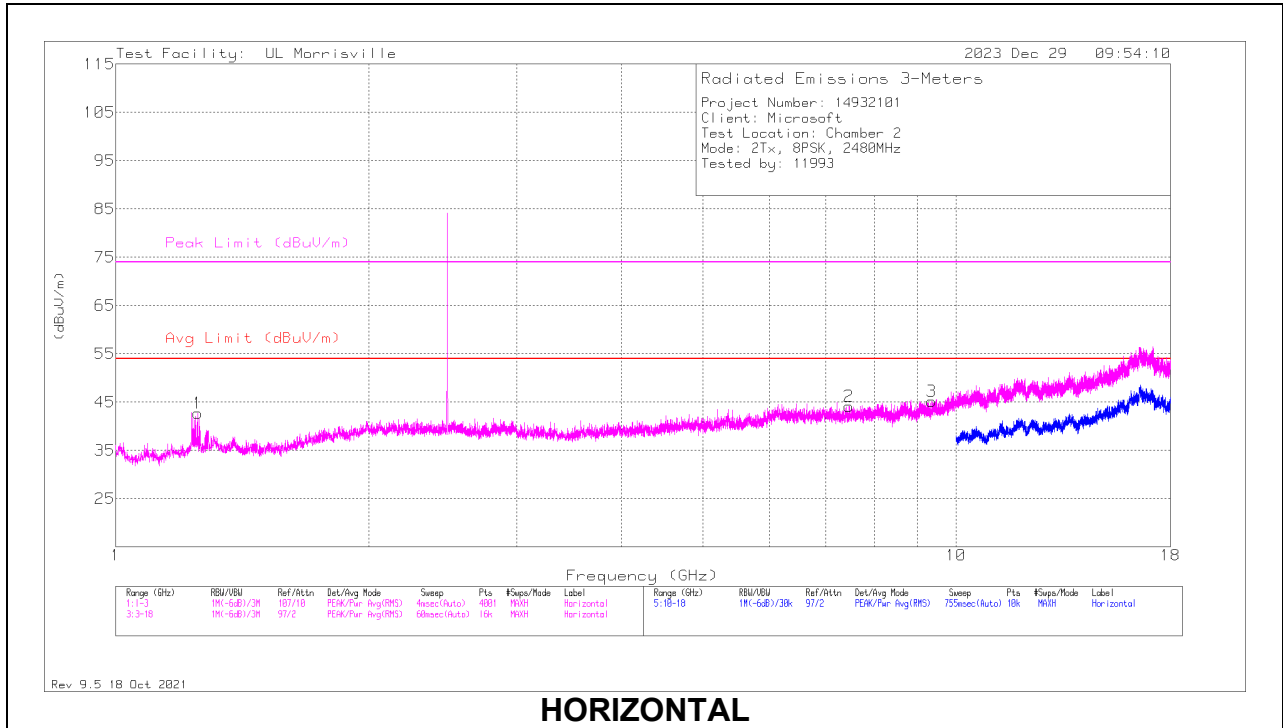
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

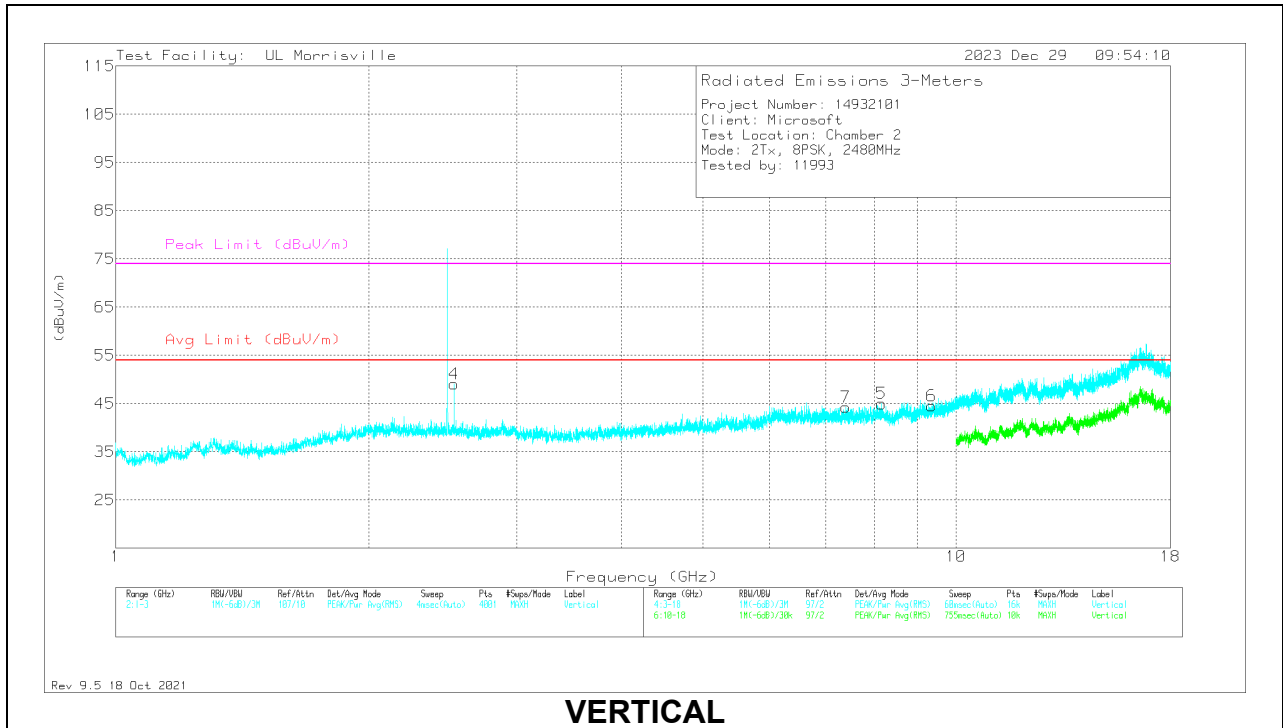
Pk - Peak detector

PK2 -Maximum Peak

### HIGH 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	* 1.252	37.31	Pk	29.3	-23.9	0	42.71	54	-11.29	74	-31.29	0-360	199	H
4	** 2.53049	45.89	PK2	32.5	-24.8	0	53.59	-	-	74	-20.41	94	373	V
	** 2.53049	45.89	PK2	32.5	-24.8	-24	29.59	54	-24.41	-	-	94	373	V
2	*** 7.46344	35.77	Pk	35.6	-27.2	0	44.17	54	-9.83	74	-29.83	0-360	101	H
3	*** 9.35438	34.53	Pk	36.1	-25.5	0	45.13	54	-8.87	74	-28.87	0-360	101	H
5	*** 8.15156	35.39	Pk	35.8	-26.2	0	44.99	54	-9.01	74	-29.01	0-360	200	V
6	* ** 9.3525	33.83	Pk	36.1	-25.4	0	44.53	54	-9.47	74	-29.47	0-360	101	V
7	*** 7.39406	35.13	Pk	35.6	-26.5	0	44.23	54	-9.77	74	-29.77	0-360	101	V

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

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

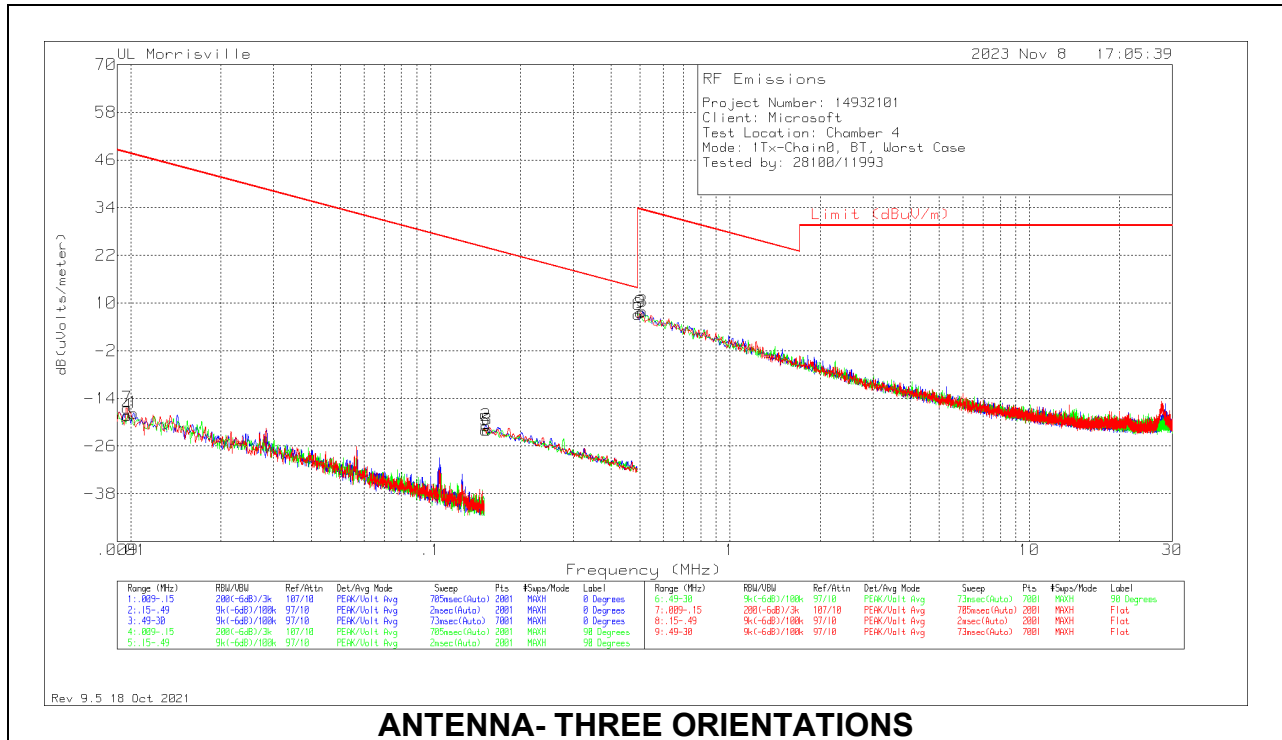
PK2 -Maximum Peak

## 10.2. WORST CASE BELOW 30MHZ

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

### 10.2.1. CHAIN 0

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

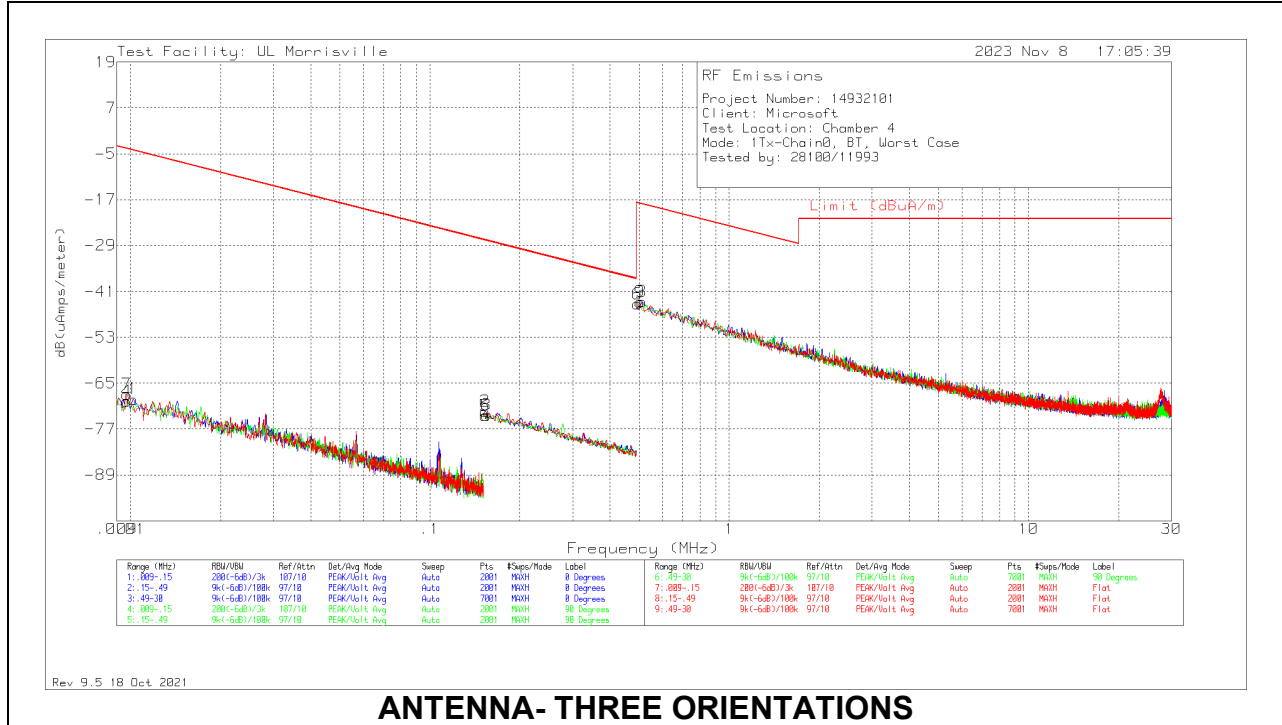


#### ANTENNA- THREE ORIENTATIONS

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)	QP/AV Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00971	42.22	Pk	19.5	0	-80	-18.28	47.86	67.86	-66.14	0-360	90 degs
7	.00971	44.07	Pk	19.5	0	-80	-16.43	47.86	67.86	-64.29	0-360	Flat
1	.01021	43.17	Pk	19.2	0	-80	-17.63	47.43	67.43	-65.06	0-360	0 degs
5	.15272	45.82	Pk	12.2	0	-80	-21.98	23.93	43.93	-45.91	0-360	90 degs
2	.15332	46.95	Pk	12.2	0	-80	-20.85	23.89	43.89	-44.74	0-360	0 degs
8	.15476	45.91	Pk	12.2	0	-80	-21.89	23.81	43.81	-45.7	0-360	Flat
6	.49422	34.89	Pk	12.2	.1	-40	7.19	33.73	-	-26.54	0-360	90 degs
9	.50265	35.36	Pk	12.2	.1	-40	7.66	33.58	-	-25.92	0-360	Flat
3	.51108	35.6	Pk	12.2	.1	-40	7.9	33.43	-	-25.53	0-360	0 degs

Pk - Peak detector

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



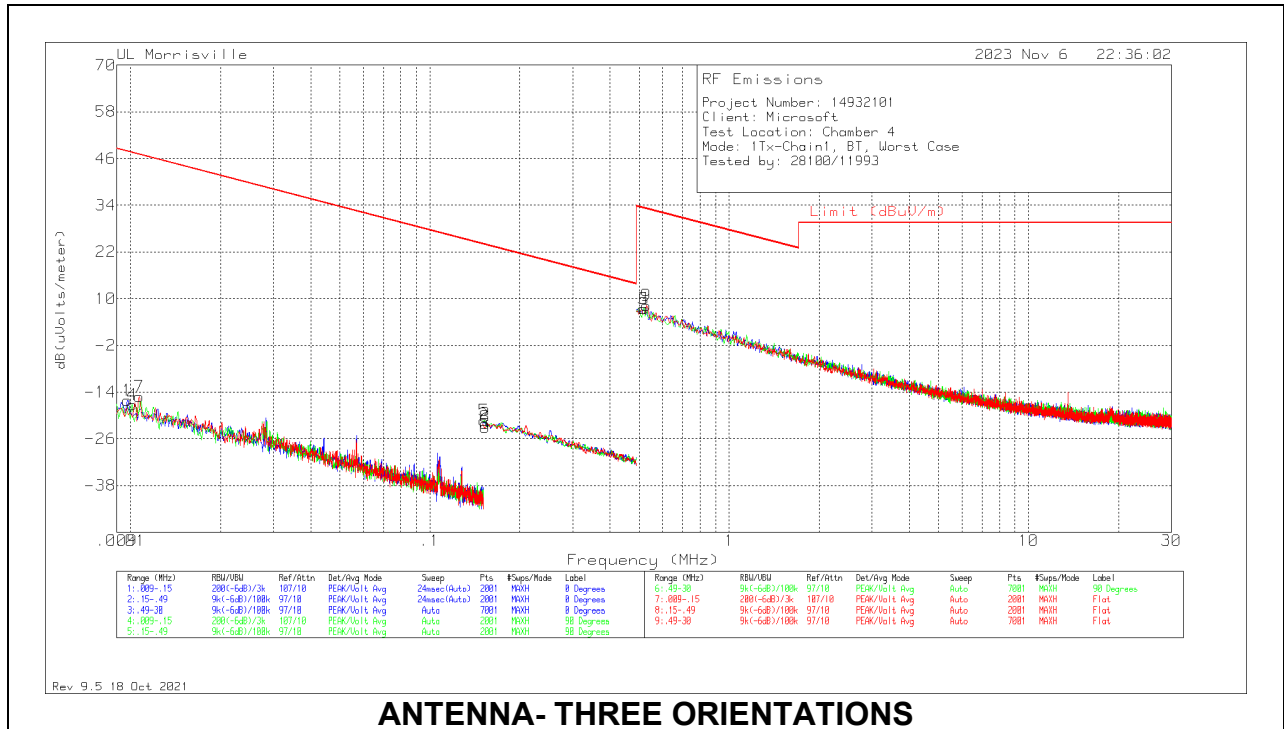
**ANTENNA- THREE ORIENTATIONS**

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)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00971	42.22	Pk	-32	0	-80	-69.78	-3.64	16.36	-66.14	0-360	90 degs
7	.00971	44.07	Pk	-32	0	-80	-67.93	-3.64	16.36	-64.29	0-360	Flat
1	.01021	43.17	Pk	-32.3	0	-80	-69.13	-4.07	15.93	-65.06	0-360	0 degs
5	.15272	45.82	Pk	-39.3	0	-80	-73.48	-27.57	-7.57	-45.91	0-360	90 degs
2	.15332	46.95	Pk	-39.3	0	-80	-72.35	-27.61	-7.61	-44.74	0-360	0 degs
8	.15476	45.91	Pk	-39.3	0	-80	-73.39	-27.69	-7.69	-45.7	0-360	Flat
6	.49422	34.89	Pk	-39.3	.1	-40	-44.31	-17.77	-	-26.54	0-360	90 degs
9	.50265	35.36	Pk	-39.3	.1	-40	-43.84	-17.92	-	-25.92	0-360	Flat
3	.51108	35.6	Pk	-39.3	.1	-40	-43.6	-18.07	-	-25.53	0-360	0 degs

Pk - Peak detector

**10.2.2. CHAIN 1**

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

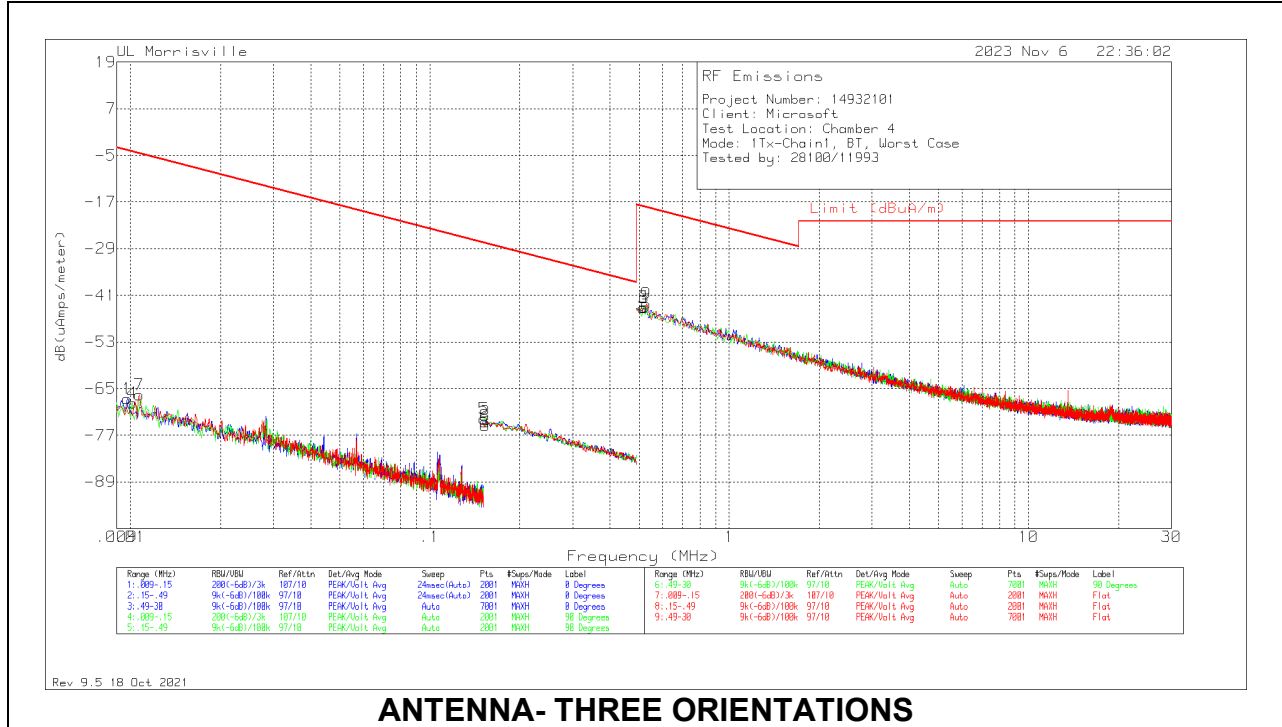


**ANTENNA- THREE ORIENTATIONS**

Marker	Frequency (MHz)	Meter Reading (dBu/m)	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
1	.00978	44.36	Pk	19.5	0	-80	-16.14	47.8	67.8	-63.94	0-360	0 degs
4	.01014	43.5	Pk	19.2	0	-80	-17.3	47.49	67.49	-64.79	0-360	90 degs
7	.0107	45.83	Pk	19	0	-80	-15.17	47.01	67.01	-62.18	0-360	Flat
5	.15179	46.47	Pk	12.2	0	-80	-21.33	23.98	43.98	-45.31	0-360	90 degs
2	.15323	45.7	Pk	12.2	0	-80	-22.1	23.9	43.9	-46	0-360	0 degs
8	.1534	44.83	Pk	12.2	0	-80	-22.97	23.89	43.89	-46.86	0-360	Flat
3	.5153	35.07	Pk	12.2	.1	-40	7.37	33.36	-	-25.99	0-360	0 degs
6	.51951	35.11	Pk	12.2	.1	-40	7.41	33.29	-	-25.88	0-360	90 degs
9	.52794	36.01	Pk	12.2	.1	-40	8.31	33.15	-	-24.84	0-360	Flat

Pk - Peak detector

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



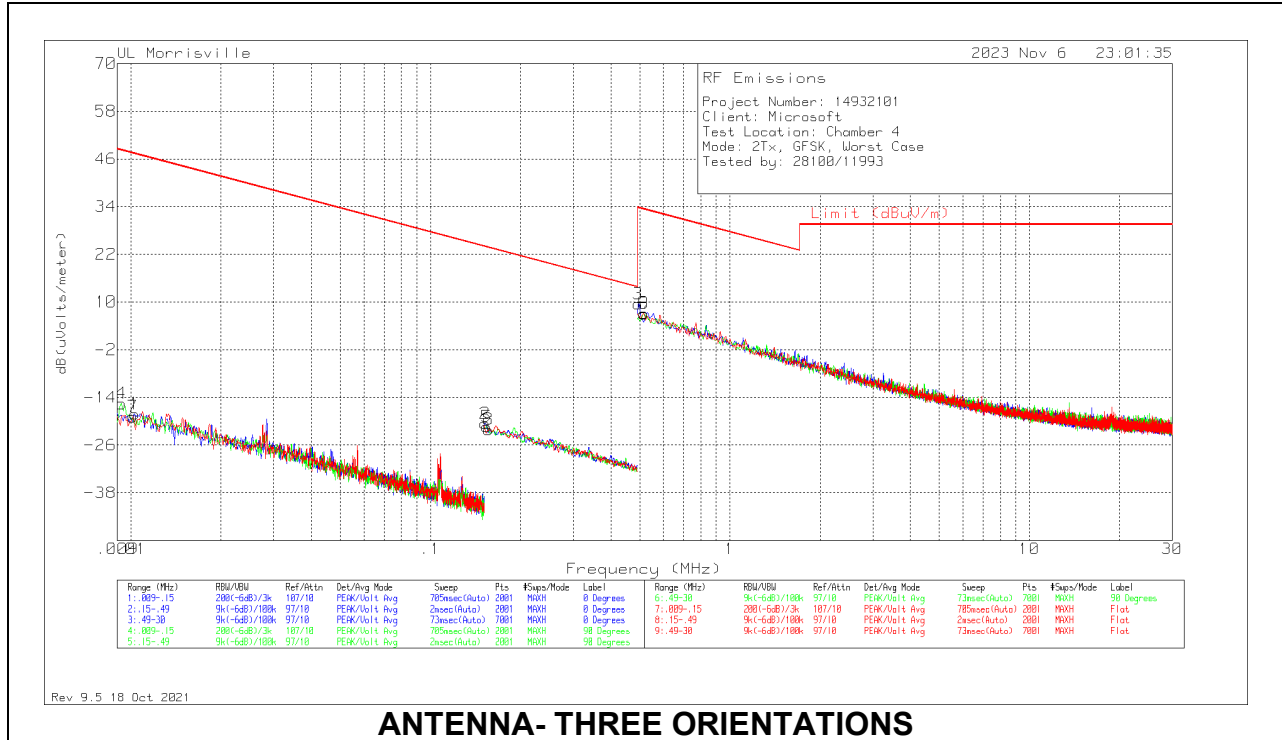
**ANTENNA- THREE ORIENTATIONS**

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
1	.00978	44.36	Pk	-32	0	-80	-67.64	-3.7	16.30	-63.94	0-360	0 degs
4	.01014	43.5	Pk	-32.3	0	-80	-68.8	-4.01	15.99	-64.79	0-360	90 degs
7	.0107	45.83	Pk	-32.5	0	-80	-66.67	-4.49	15.51	-62.18	0-360	Flat
5	.15179	46.47	Pk	-39.3	0	-80	-72.83	-27.52	-7.52	-45.31	0-360	90 degs
2	.15323	45.7	Pk	-39.3	0	-80	-73.6	-27.6	-7.6	-46	0-360	0 degs
8	.1534	44.83	Pk	-39.3	0	-80	-74.47	-27.61	-7.61	-46.86	0-360	Flat
3	.5153	35.07	Pk	-39.3	.1	-40	-44.13	-18.14	-	-25.99	0-360	0 degs
6	.51951	35.11	Pk	-39.3	.1	-40	-44.09	-18.21	-	-25.88	0-360	90 degs
9	.52794	36.01	PK	-39.3	.1	-40	-43.19	-18.35	-	-24.84	0-360	Flat

Pk - Peak detector

**10.2.3. 2Tx**

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

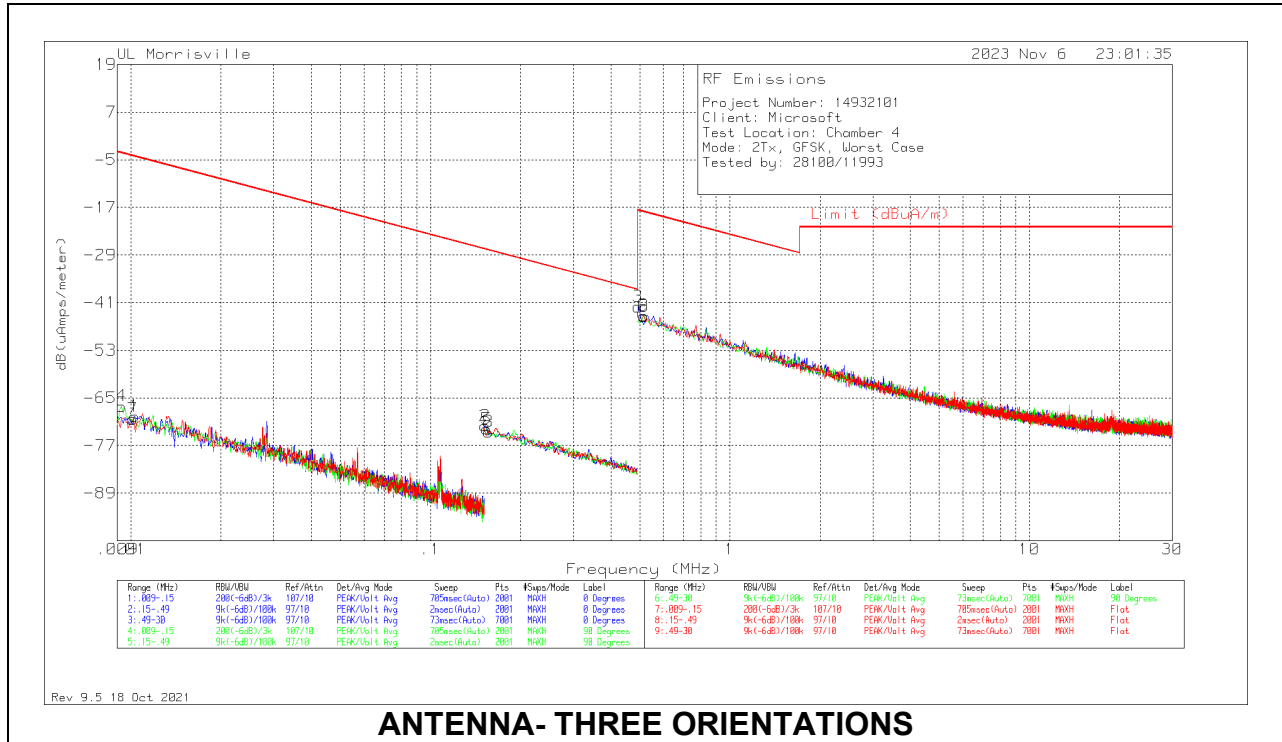


**ANTENNA- THREE ORIENTATIONS**

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)	QP/AV Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00928	44.65	Pk	19.8	0	-80	-15.55	48.25	68.25	-63.8	0-360	90 degs
7	.01014	41.94	Pk	19.2	0	-80	-18.86	47.49	67.49	-66.35	0-360	Flat
1	.01028	42.67	Pk	19.2	0	-80	-18.13	47.37	67.37	-65.5	0-360	0 degs
2	.1523	47.23	Pk	12.2	0	-80	-20.57	23.95	43.95	-44.52	0-360	0 degs
5	.154	46.45	Pk	12.2	0	-80	-21.35	23.85	43.85	-45.2	0-360	90 degs
8	.15646	45.71	Pk	12.2	0	-80	-22.09	23.72	43.72	-45.81	0-360	Flat
3	.49422	37.2	Pk	12.2	.1	-40	9.5	33.73	-	-24.23	0-360	0 degs
6	.5153	34.76	Pk	12.2	.1	-40	7.06	33.36	-	-26.3	0-360	90 degs
9	.5153	34.9	Pk	12.2	.1	-40	7.2	33.36	-	-26.16	0-360	Flat

Pk - Peak detector

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



**ANTENNA- THREE ORIENTATIONS**

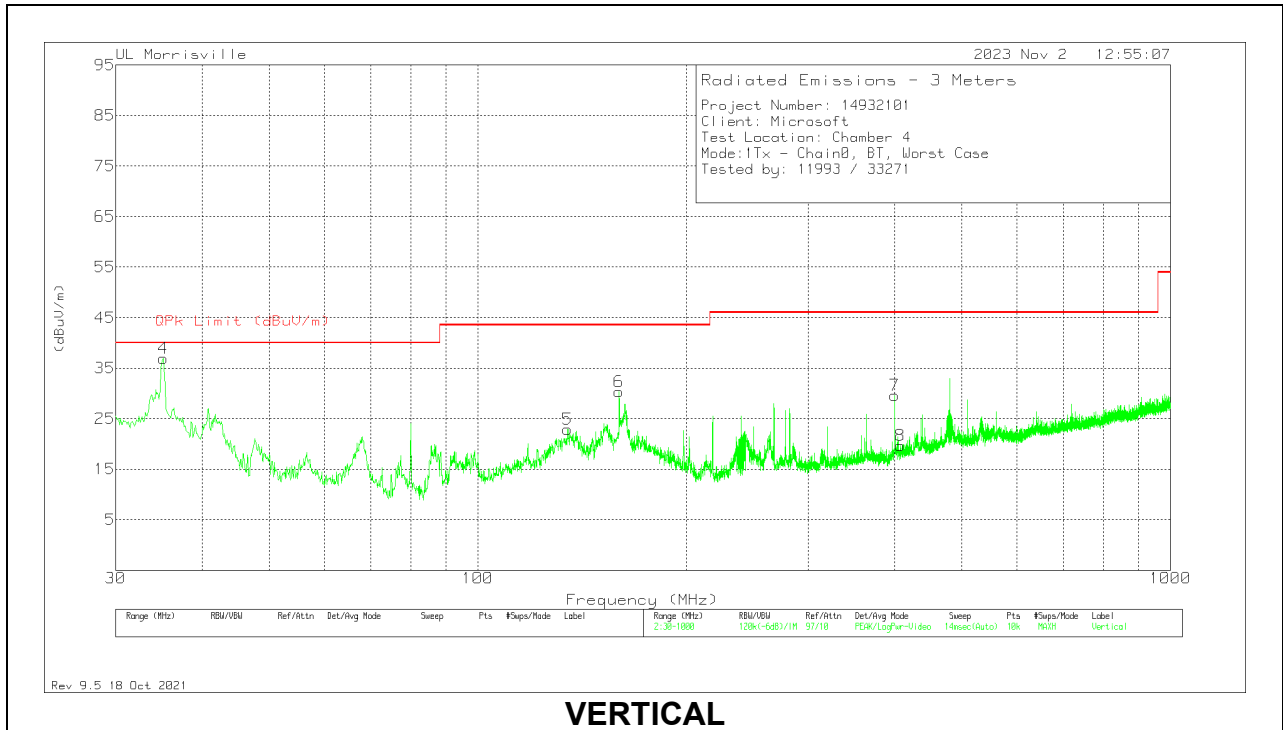
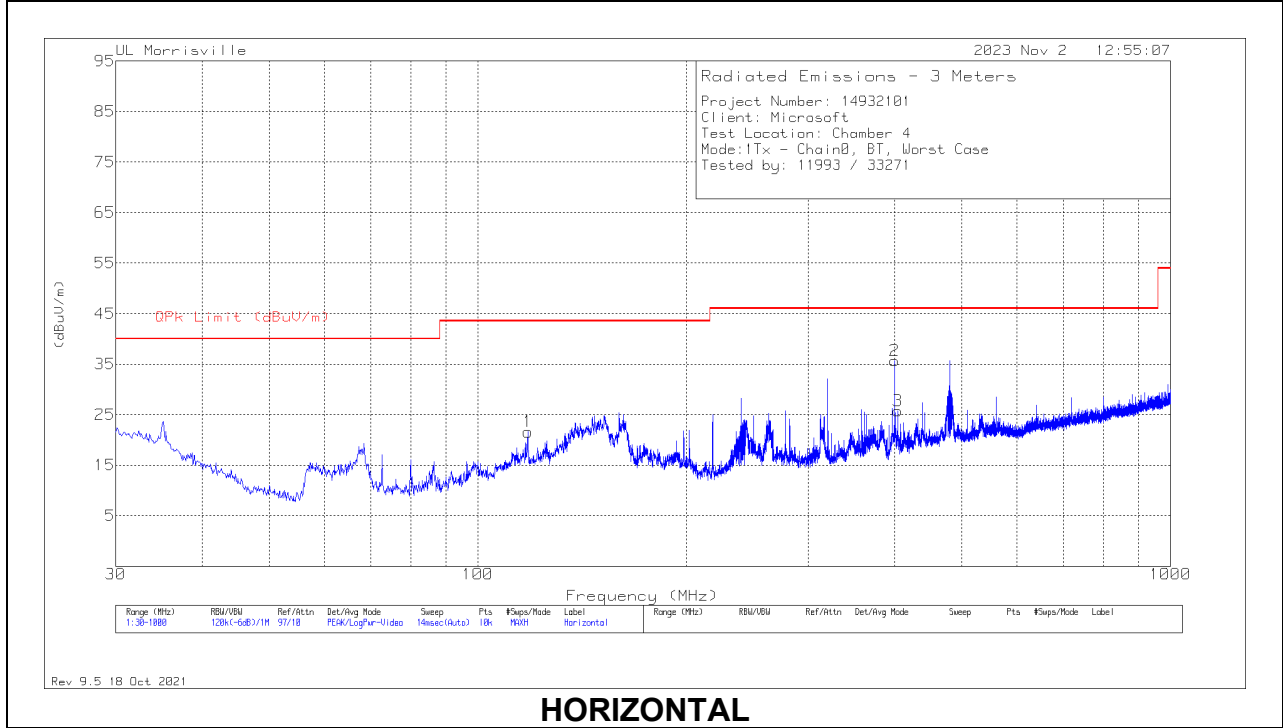
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	QP/AV Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00928	44.65	Pk	-31.7	0	-80	-67.05	-3.25	16.75	-63.8	0-360	90 degs
7	.01014	41.94	Pk	-32.3	0	-80	-70.36	-4.01	15.99	-66.35	0-360	Flat
1	.01028	42.67	Pk	-32.3	0	-80	-69.63	-4.13	15.87	-65.5	0-360	0 degs
2	.1523	47.23	Pk	-39.3	0	-80	-72.07	-27.55	-7.55	-44.52	0-360	0 degs
5	.154	46.45	Pk	-39.3	0	-80	-72.85	-27.65	-7.65	-45.2	0-360	90 degs
8	.15646	45.71	Pk	-39.3	0	-80	-73.59	-27.78	-7.78	-45.81	0-360	Flat
3	.49422	37.2	Pk	-39.3	.1	-40	-42	-17.77	-	-24.23	0-360	0 degs
6	.5153	34.76	Pk	-39.3	.1	-40	-44.44	-18.14	-	-26.3	0-360	90 degs
9	.5153	34.9	Pk	-39.3	.1	-40	-44.3	-18.14	-	-26.16	0-360	Flat

Pk - Peak detector

### 10.3. WORST CASE BELOW 1 GHZ

#### 10.3.1. 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	* ** 118.076	33.1	Pk	19.8	-31.3	21.6	43.52	-21.92	0-360	200	H
2	* ** 400.055	43.96	Pk	21.6	-29.9	35.66	46.02	-10.36	0-360	100	H
3	* ** 403.838	33.86	Pk	21.8	-29.9	25.76	46.02	-20.26	0-360	100	H
5	* ** 134.857	34.64	Pk	19.5	-31.2	22.94	43.52	-20.58	0-360	100	V
7	* ** 400.055	37.93	Pk	21.6	-29.9	29.63	46.02	-16.39	0-360	100	V
8	* ** 407.718	27.71	Pk	21.9	-29.9	19.71	46.02	-26.31	0-360	100	V
4	35.141	45.55	Pk	23.5	-32.1	36.95	-	-	0-360	100	V
6	159.98	42.81	Pk	18.5	-31	30.31	-	-	0-360	100	V

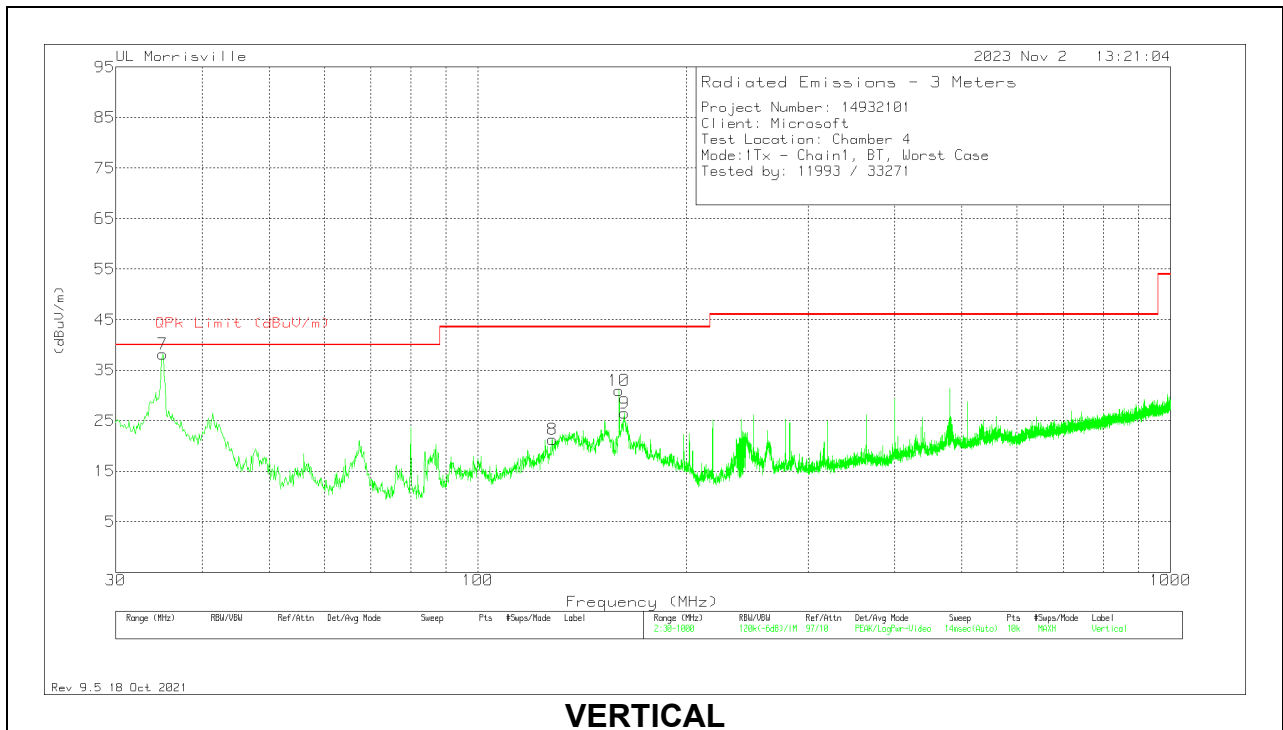
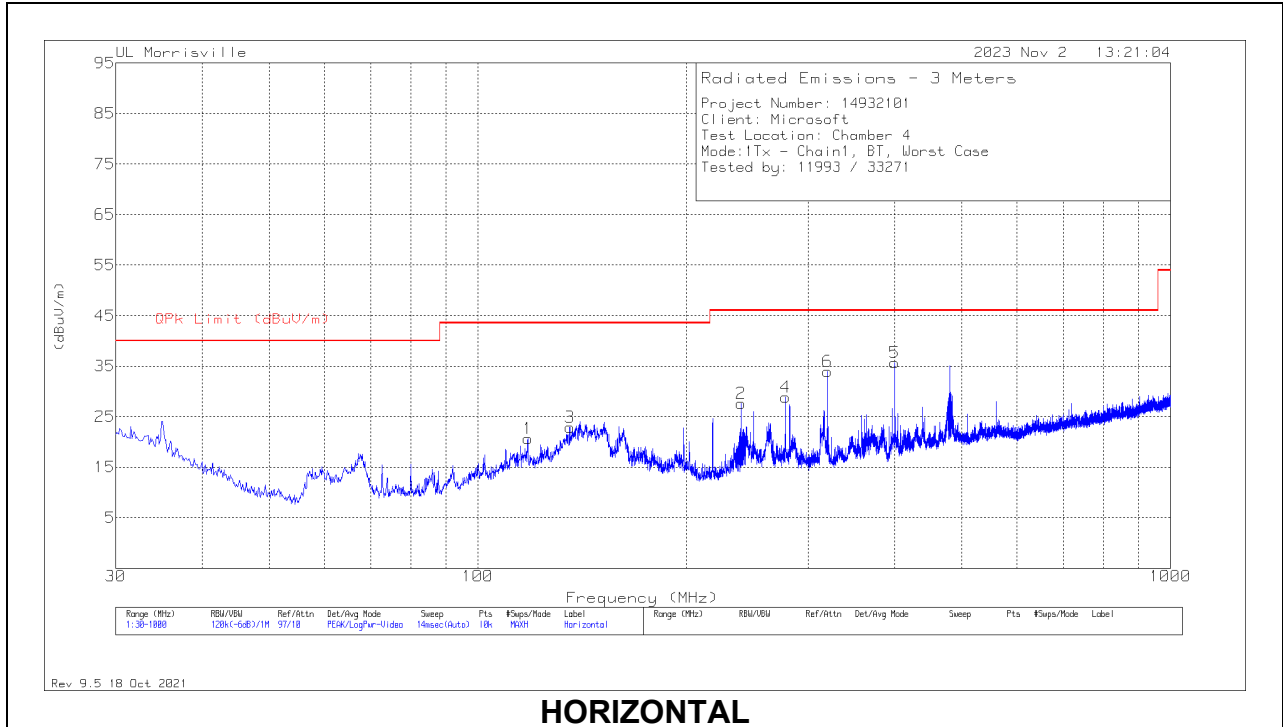
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

### 10.3.2. 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	32.21	Pk	19.8	-31.3	20.71	43.52	-22.81	0-360	200	H
2	* ** 240.005	40.54	Pk	17.7	-30.6	27.64	46.02	-18.38	0-360	100	H
3	* ** 135.73	34.69	Pk	19.4	-31.2	22.89	43.52	-20.63	0-360	100	H
4	* ** 278.126	39.81	Pk	19.4	-30.4	28.81	46.02	-17.21	0-360	100	H
5	* ** 400.055	44	Pk	21.6	-29.9	35.7	46.02	-10.32	0-360	100	H
8	* ** 128.067	32.63	Pk	20	-31.3	21.33	43.52	-22.19	0-360	100	V
9	* ** 162.696	39.07	Pk	18.4	-31	26.47	43.52	-17.05	0-360	100	V
7	35.044	46.62	Pk	23.6	-32.1	38.12	-	-	0-360	100	V
10	159.98	43.47	Pk	18.5	-31	30.97	-	-	0-360	100	V
6	320.03	44.11	Pk	20	-30.2	33.91	-	-	0-360	100	H

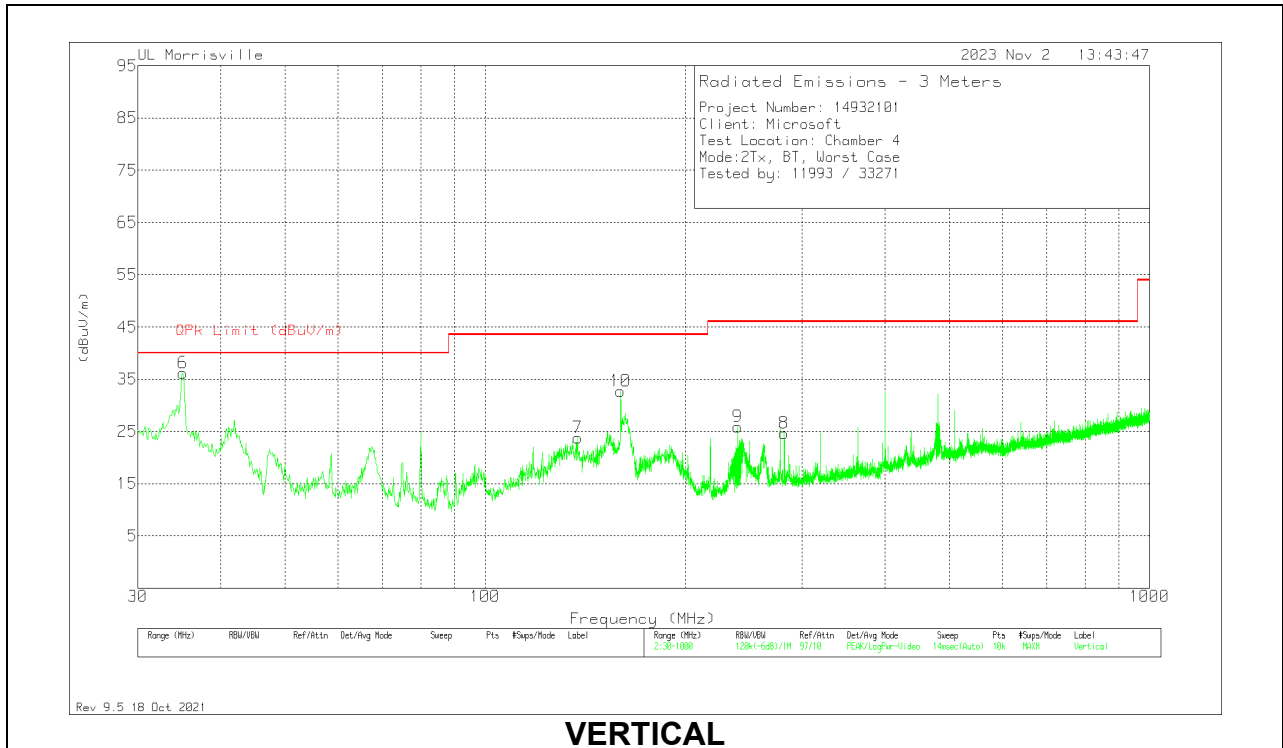
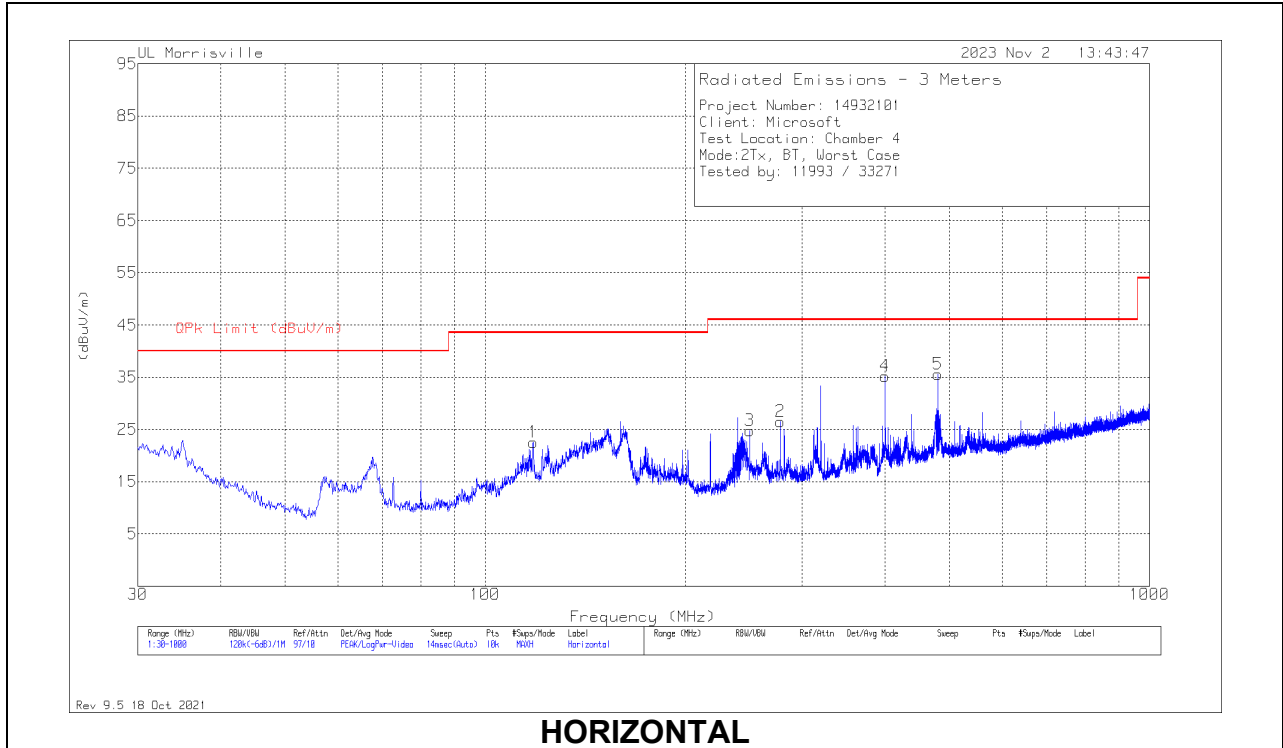
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

\*\* - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

**10.3.3. 2Tx**

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



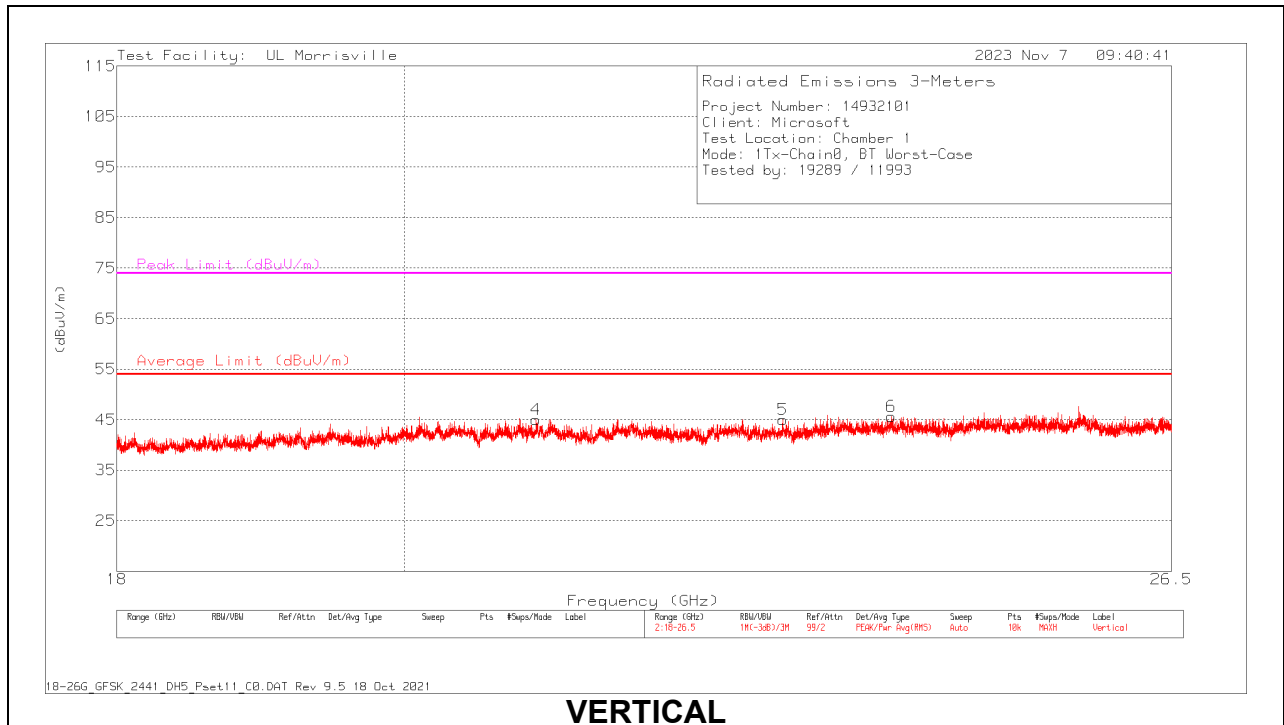
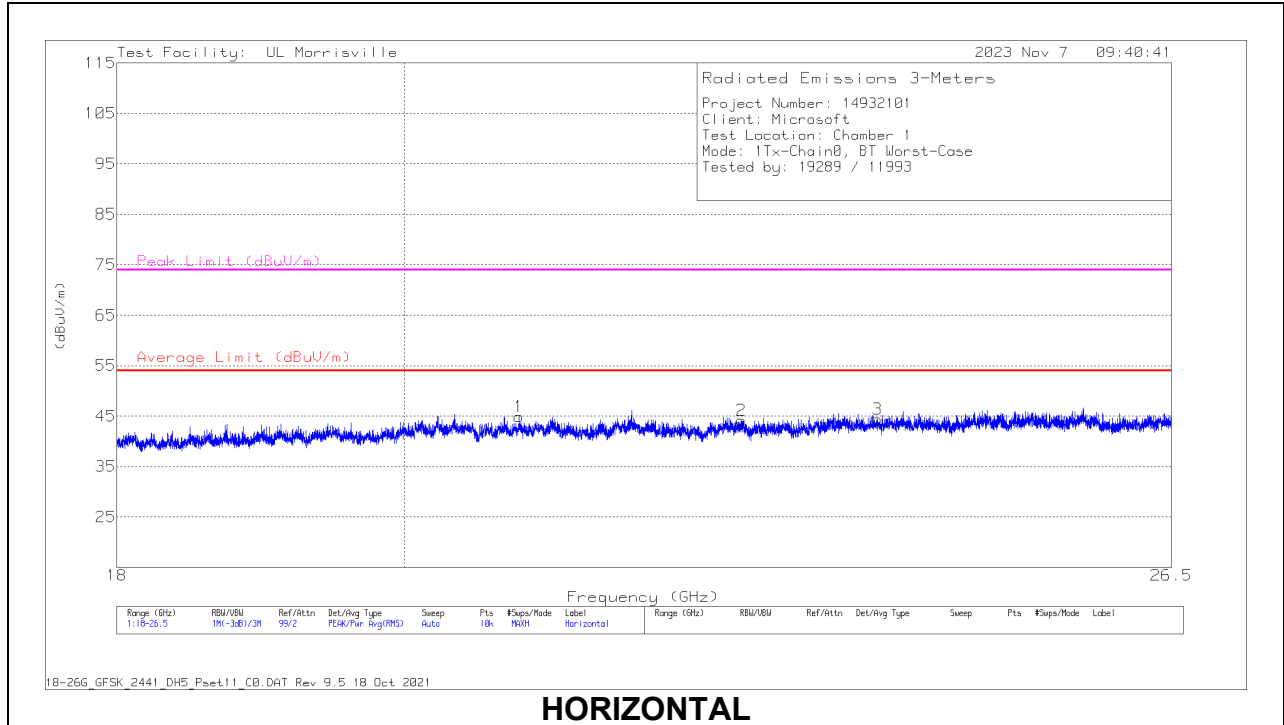
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	90629 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 118.076	34.04	Pk	19.8	-31.3	22.54	43.52	-20.98	0-360	200	H
2	* ** 278.126	37.54	Pk	19.4	-30.4	26.54	46.02	-19.48	0-360	100	H
3	* ** 249.996	37.72	Pk	17.5	-30.5	24.72	46.02	-21.3	0-360	100	H
4	* ** 400.055	43.53	Pk	21.6	-29.9	35.23	46.02	-10.79	0-360	100	H
7	* ** 137.864	35.69	Pk	19.3	-31.2	23.79	43.52	-19.73	0-360	100	V
8	* ** 281.909	35.62	Pk	19.4	-30.4	24.62	46.02	-21.4	0-360	100	V
9	* ** 240.005	38.81	Pk	17.7	-30.6	25.91	46.02	-20.11	0-360	100	V
6	35.044	44.72	Pk	23.6	-32.1	36.22	-	-	0-360	100	V
10	159.98	45.16	Pk	18.5	-31	32.66	-	-	0-360	100	V
5	480.08	41.42	Pk	23.8	-29.7	35.52	-	-	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. WORST CASE 18-26 GHZ

### 10.4.1. CHAIN 0

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

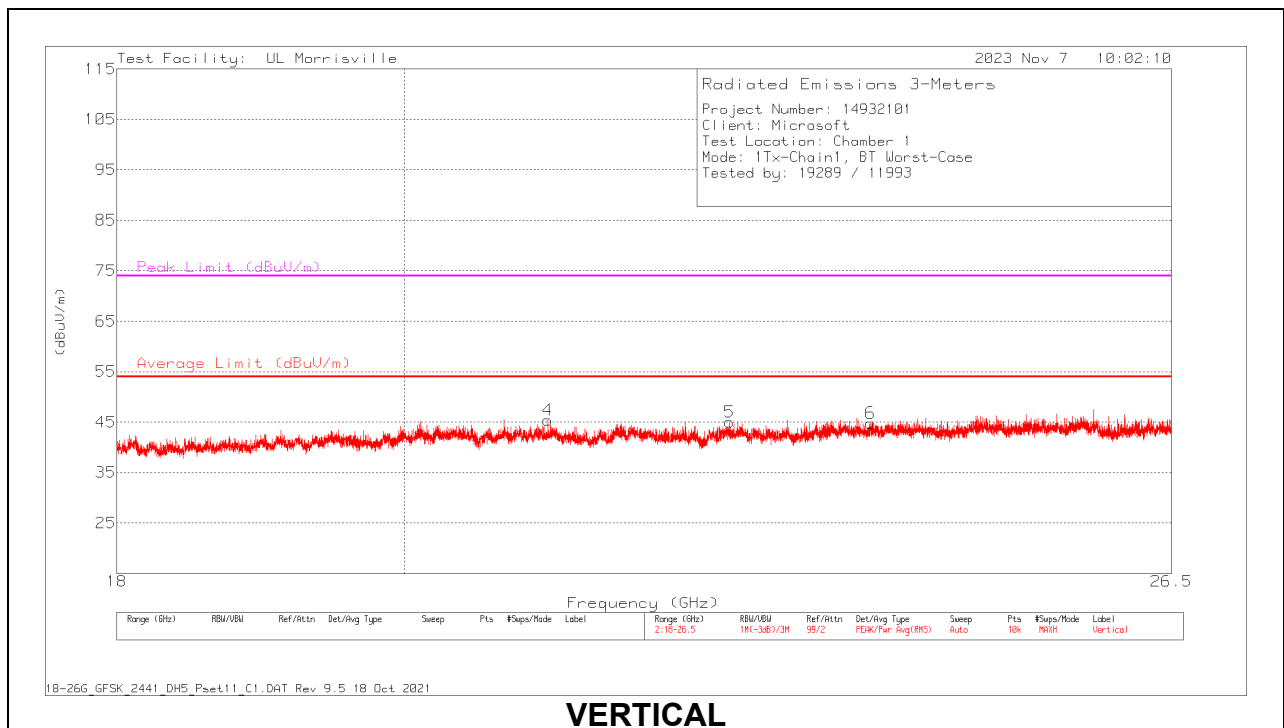
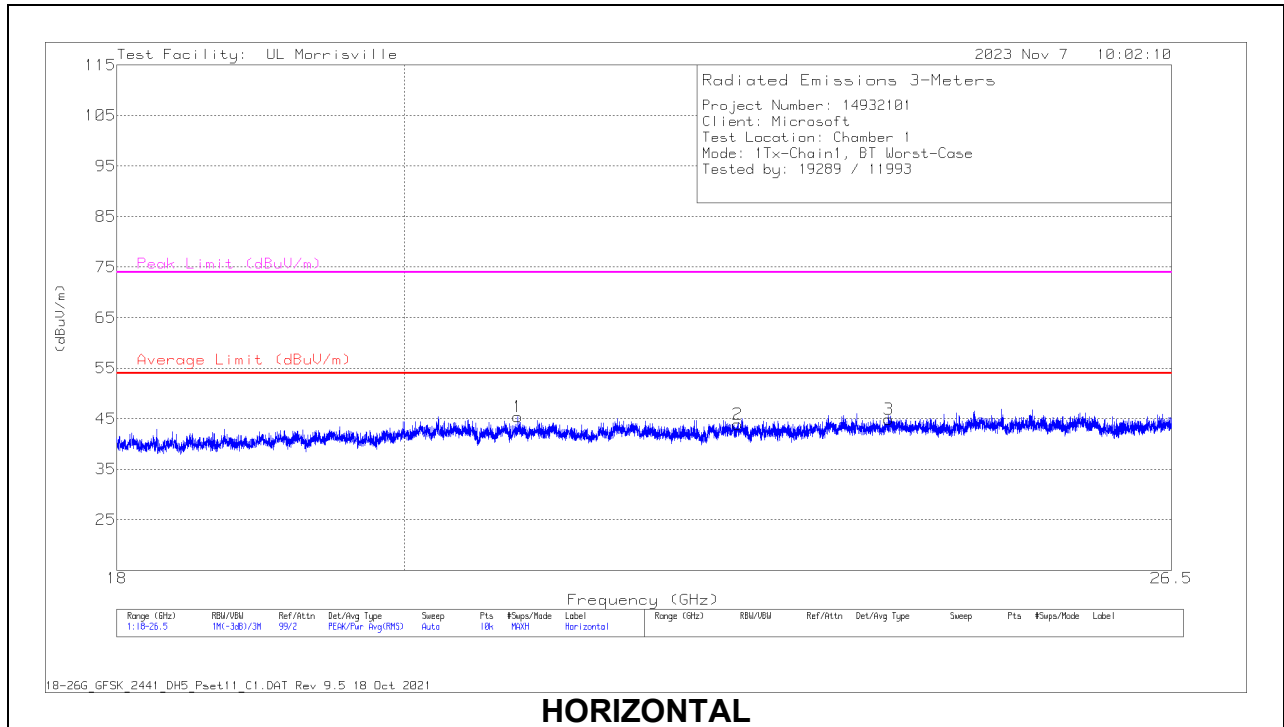


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	204704 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 20.86139	49.4	Pk	33.4	-37.9	44.9	54	-9.1	74	-29.1	0-360	299	H
2	* ** 22.63466	47.56	Pk	34.2	-37.6	44.16	54	-9.84	74	-29.84	0-360	150	H
3	* ** 23.79333	47.05	Pk	34.4	-37.1	44.35	54	-9.65	74	-29.65	0-360	101	H
4	* ** 20.9923	49.26	Pk	33.6	-37.9	44.96	54	-9.04	74	-29.04	0-360	101	V
5	* ** 22.9798	48.26	Pk	34	-37.3	44.96	54	-9.04	74	-29.04	0-360	200	V
6	* ** 23.91489	48.18	Pk	34.4	-36.9	45.68	54	-8.32	74	-28.32	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

### 10.4.2. 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	*** 20.85119	50.04	Pk	33.4	-38.1	45.34	54	-8.66	74	-28.66	0-360	149	H
2	*** 22.60236	47.4	Pk	34.3	-37.8	43.9	54	-10.1	74	-30.1	0-360	200	H
3	*** 23.89109	47.69	Pk	34.4	-37.2	44.89	54	-9.11	74	-29.11	0-360	200	H
4	*** 21.08326	49.77	Pk	33.7	-38.1	45.37	54	-8.63	74	-28.63	0-360	101	V
5	*** 22.53775	48.8	Pk	34.2	-38	45	54	-9	74	-29	0-360	151	V
6	*** 23.73382	47.52	Pk	34.5	-37.2	44.82	54	-9.18	74	-29.18	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