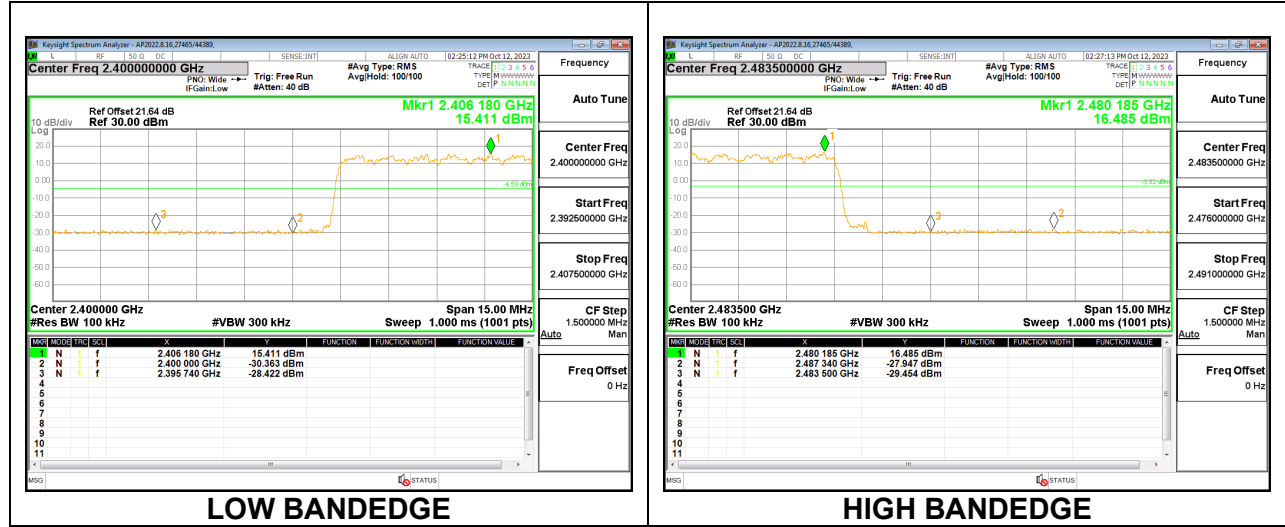
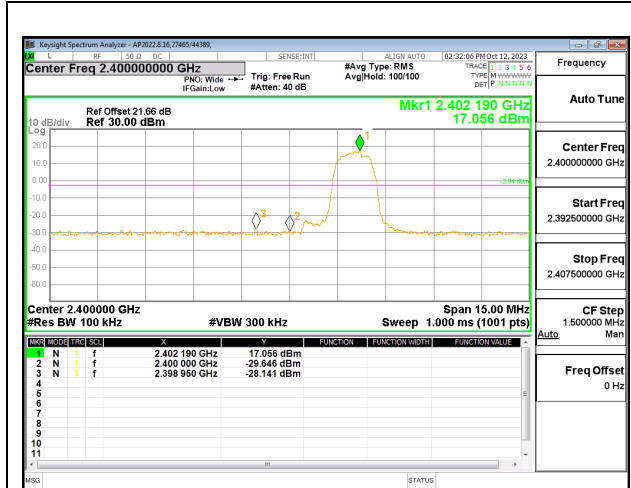


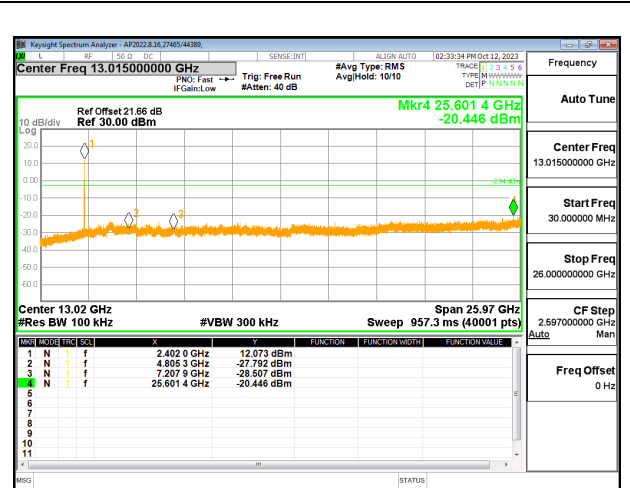
CHAIN 0 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON



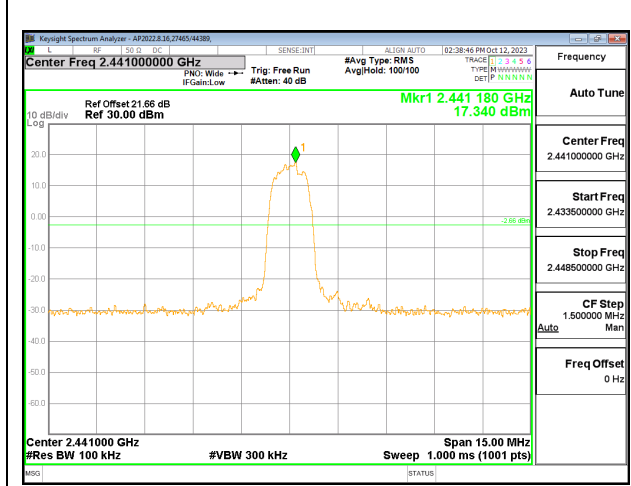
CHAIN 1 SPURIOUS EMISSIONS, NON-HOPPING



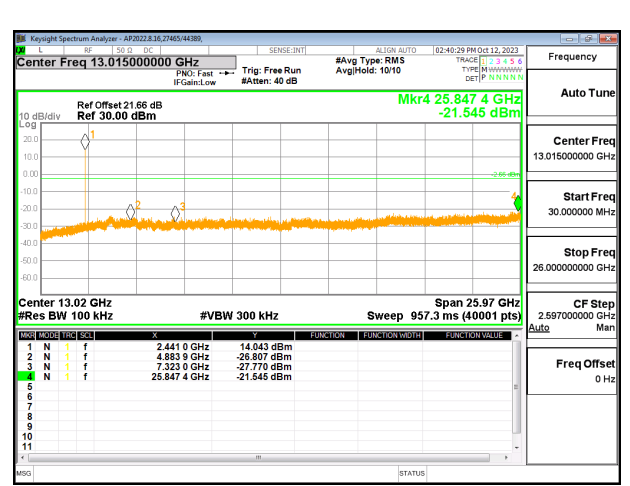
LOW CHANNEL BANDEDGE



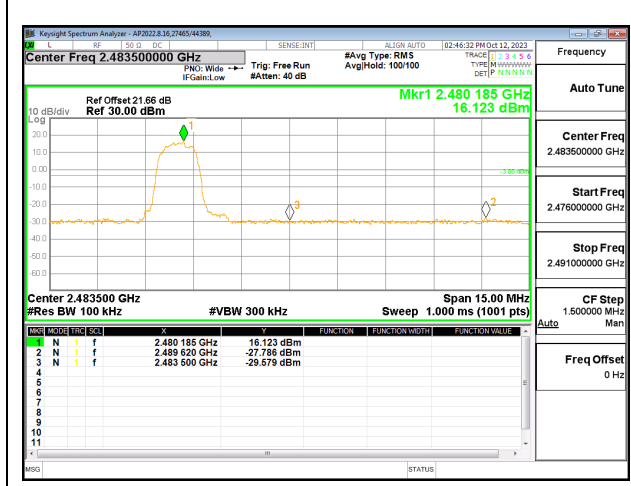
OUT-OF-BAND LOW CHANNEL



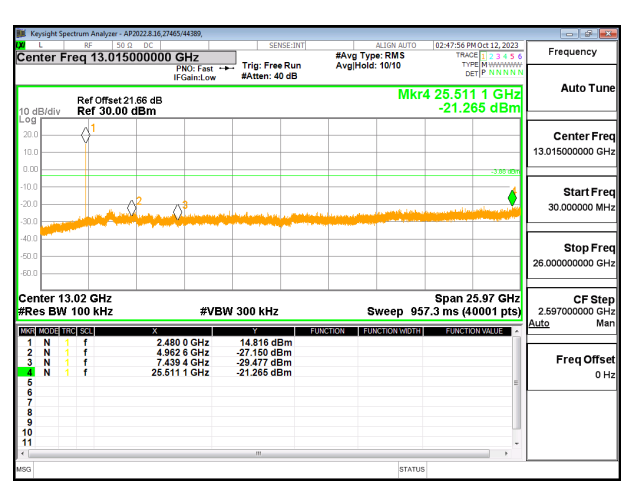
IN-BAND REFERENCE LEVEL



OUT-OF-BAND MID CHANNEL

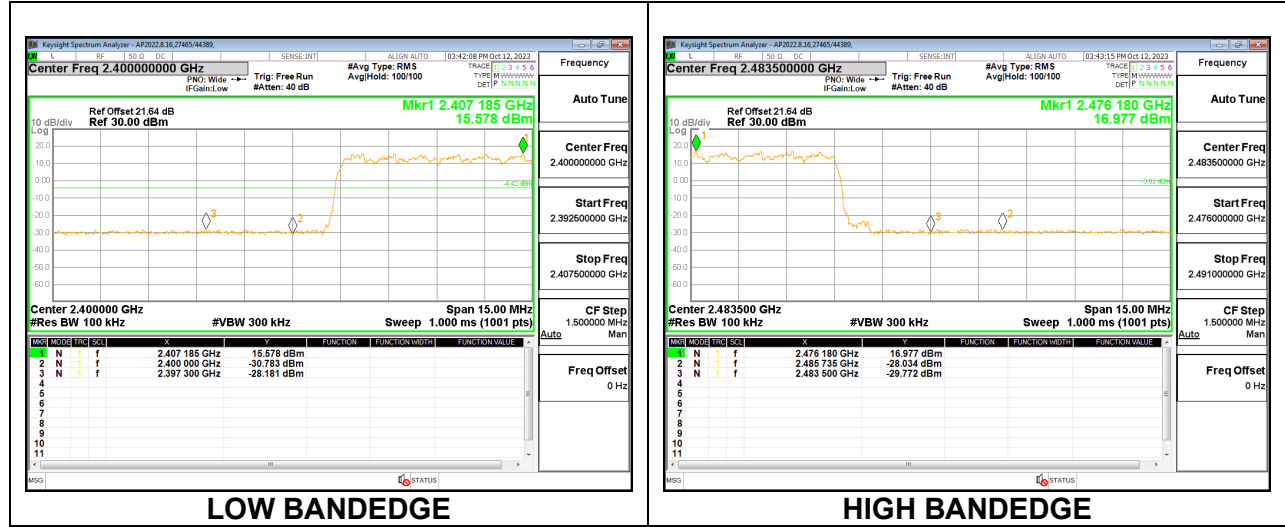


HIGH CHANNEL BANDEDGE



OUT-OF-BAND HIGH CHANNEL

CHAIN 1 SPURIOUS BANDEDGE EMISSIONS WITH HOPPING ON



10.10. 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.

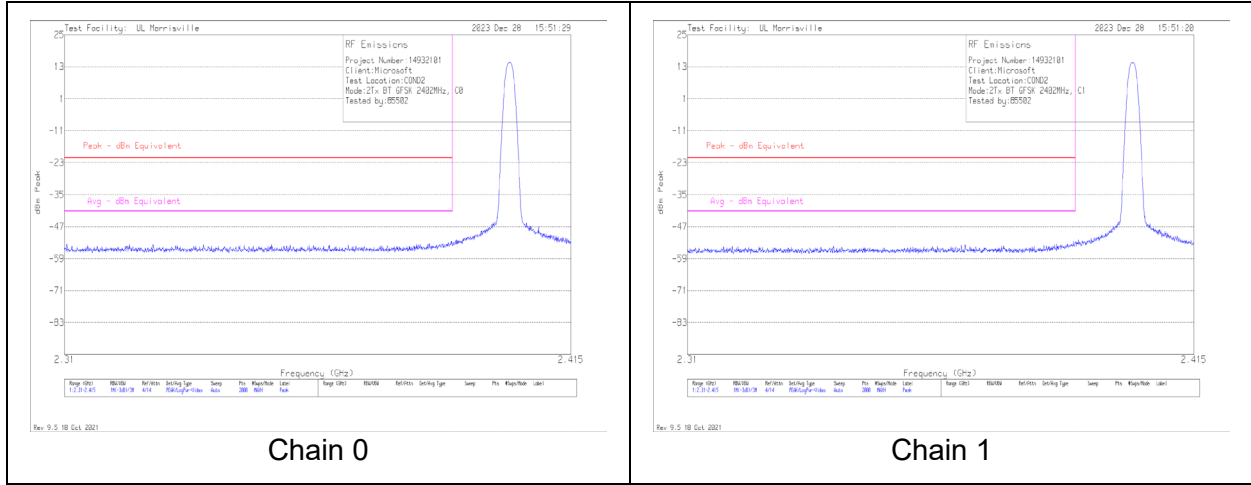
KDB 558074 D01 15.247 Meas Guidance v05r02

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.

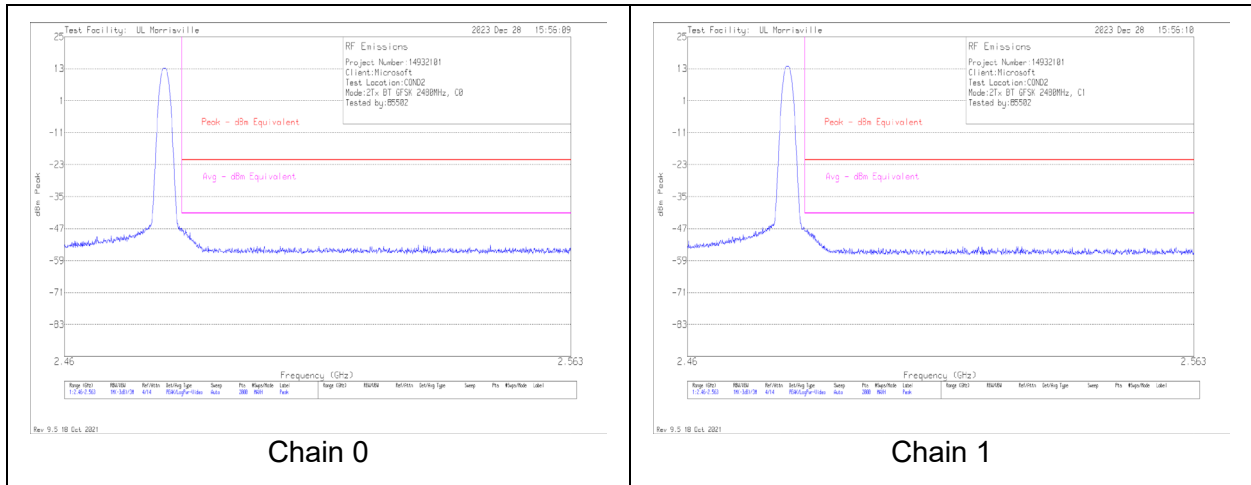
Note: This data leveraged from R14932101-E2a.

10.10.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION LOW CHANNEL RESTRICTED BAND EDGE



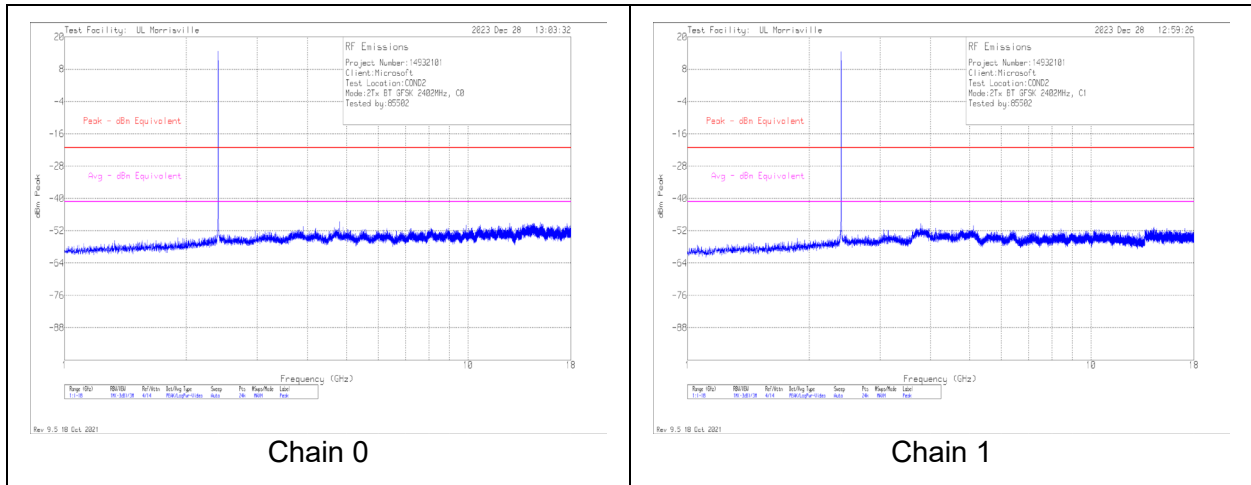
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.389577	-53.78	-52.54	-43.37	51.89	74	-22.11	27.89	54	-26.11

HIGH CHANNEL RESTRICTED BAND EDGE



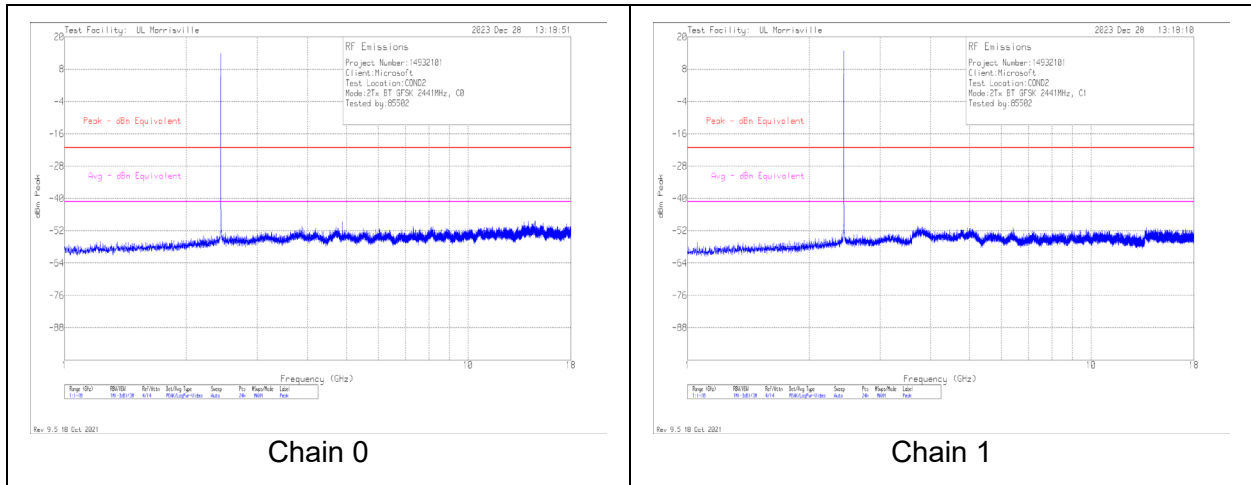
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.48365	-47.66	-47.85	-38.00	57.25	74	-16.75	33.25	54	-20.75

LOW CHANNEL SPURIOUS: 1-18 GHz



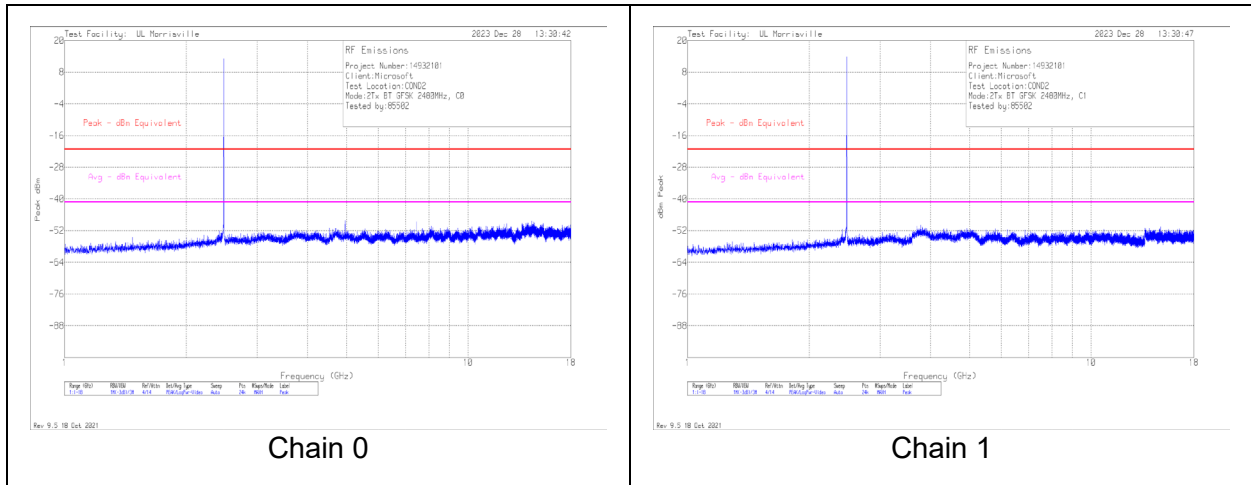
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.803909	-48.65	-51.37	-40.05	55.21	74	-18.79	31.21	54	-22.79

MID CHANNEL SPURIOUS: 1-18 GHz



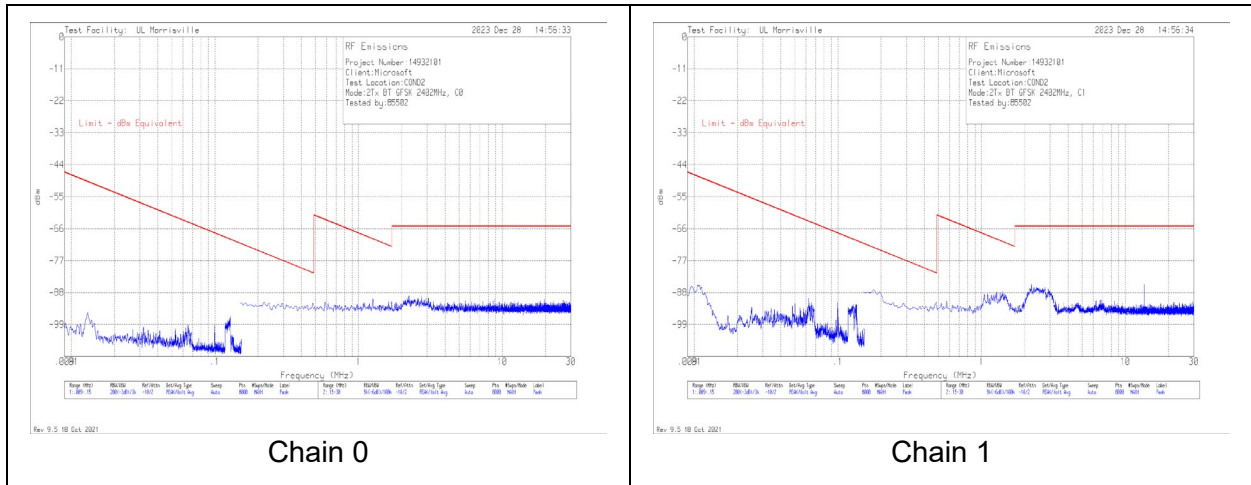
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.881829	-48.58	-53.27	-35.71	59.55	74	-14.45	35.55	54	-18.45

HIGH CHANNEL SPURIOUS: 1-18 GHz



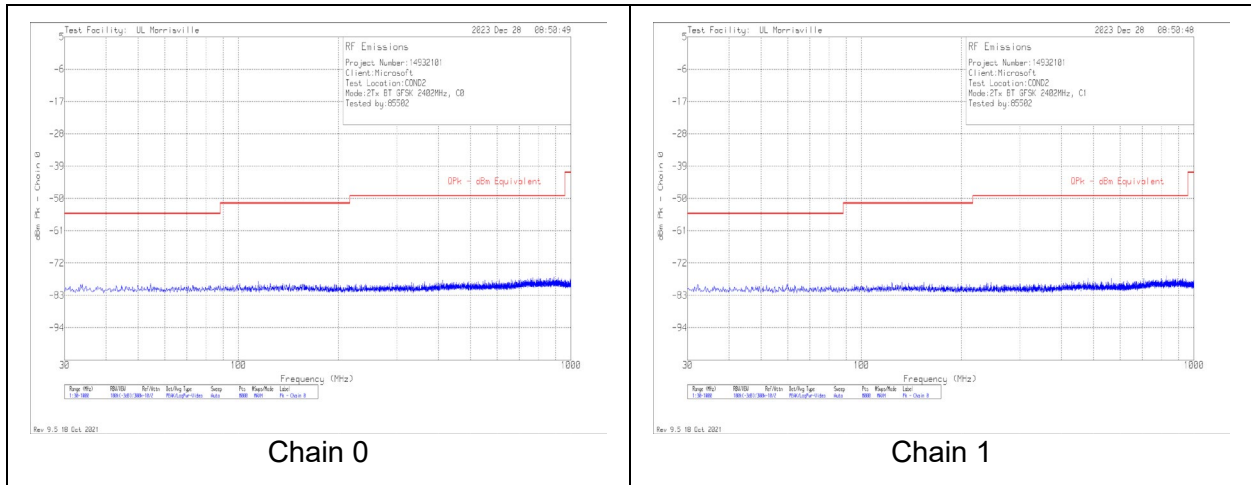
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
4.959749	-48.15	-52.46	-40.04	55.22	74	-18.78	31.22	54	-22.78

WORSE-CASE CHANNEL SPURIOUS: 0.009-30 MHz



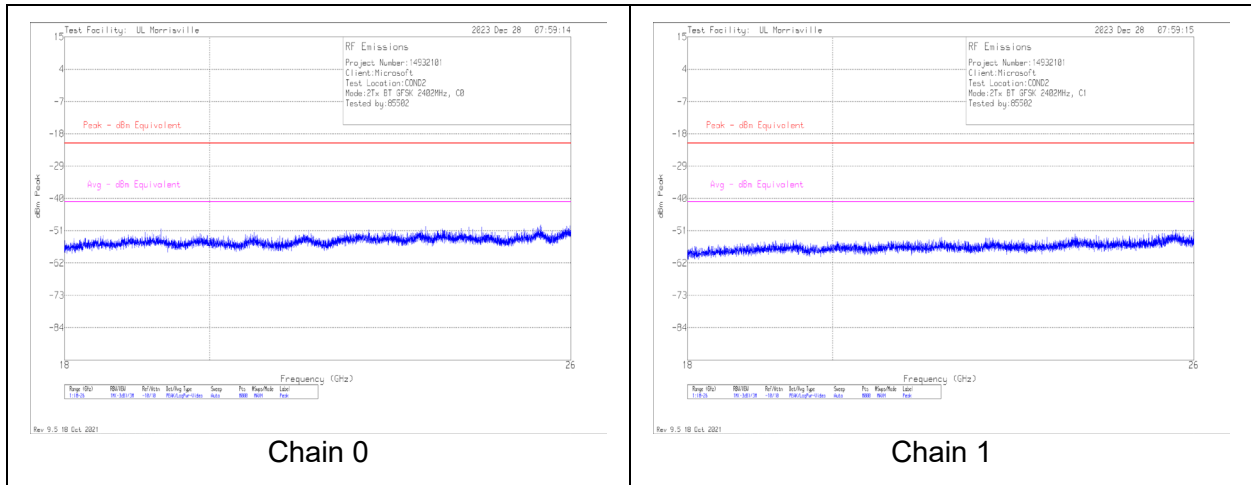
		Meas. Dist (m)				
Array Gain (dBi)	6.74	9-490kHz	0.49-30MHz			
GRF (dB):	6	300	30			
Frequency (MHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	AV/QP E-field Limit (dBuV/m)	Margin (dB)
4.2920	-90.87	-85.11	-71.35	3.91	46	-42.09

WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz



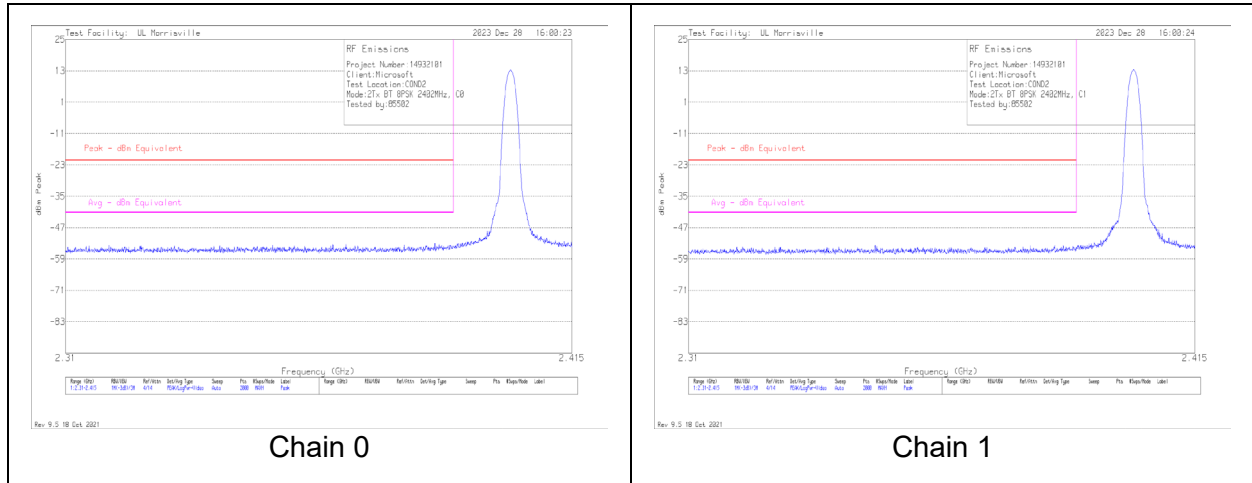
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)				
6.74	4.7	3				
Frequency (MHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	QPK E-field Limit (dBuV/m)	Margin (dB)
33.88	-79.14	-79.95	-65.08	30.18	40	-9.82

WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz



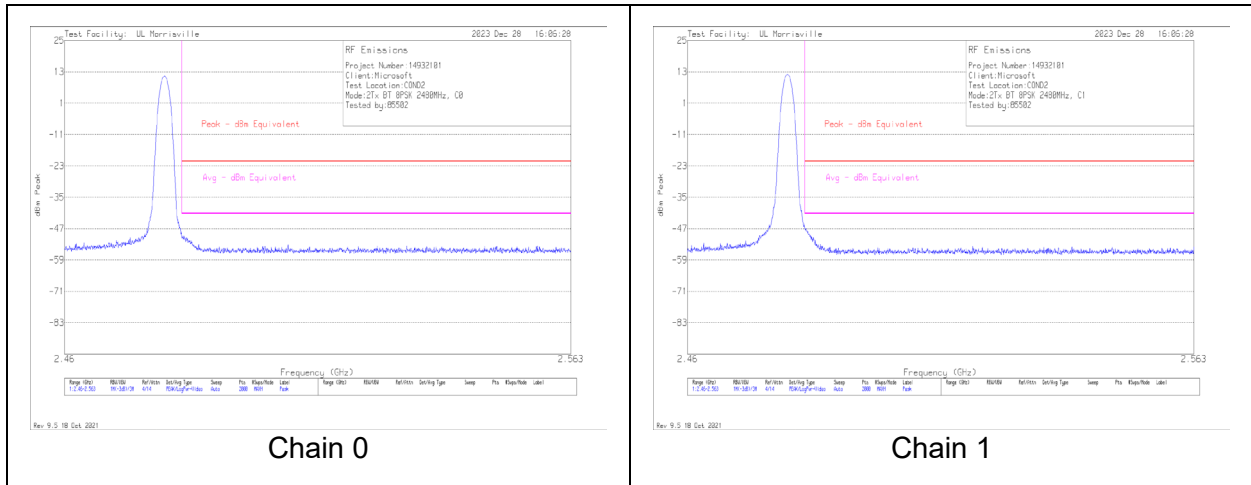
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 1 (dBm)	Meter PK Reading Chain 2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
25.984	-49.33	-53.65	-41.22	54.03	74	-19.97	30.03	54	-23.97

10.10.2. BLUETOOTH BASIC DATA RATE 8PSK MODULATION
LOW CHANNEL RESTRICTED BAND EDGE



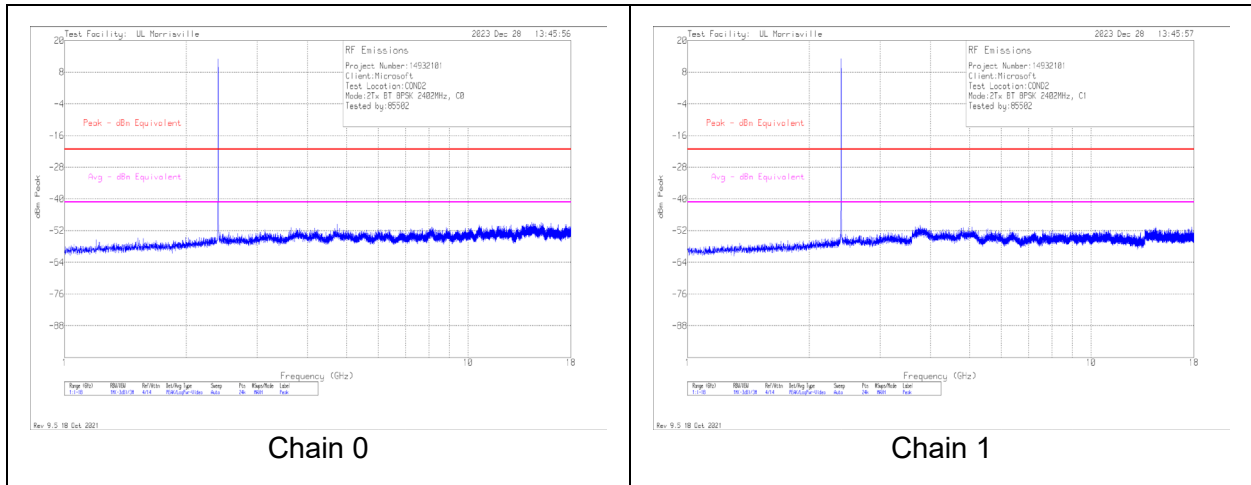
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.389367	-53.76	-54.42	-44.33	50.93	74	-23.07	26.93	54	-27.07

HIGH CHANNEL RESTRICTED BAND EDGE



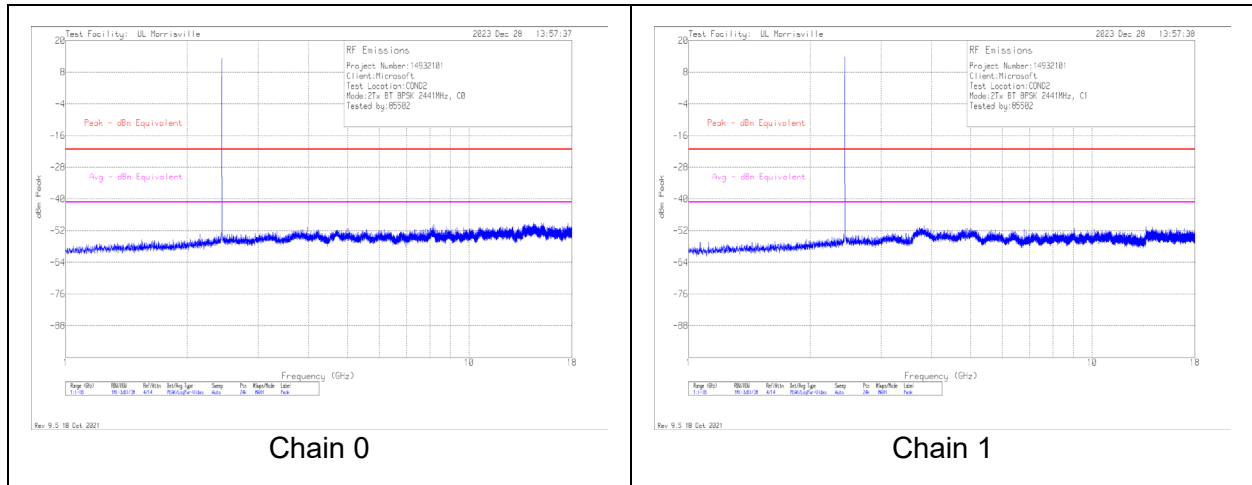
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.483702	-50.54	-46.98	-38.65	56.60	74	-17.40	32.60	54	-21.40

LOW CHANNEL SPURIOUS: 1-18 GHz



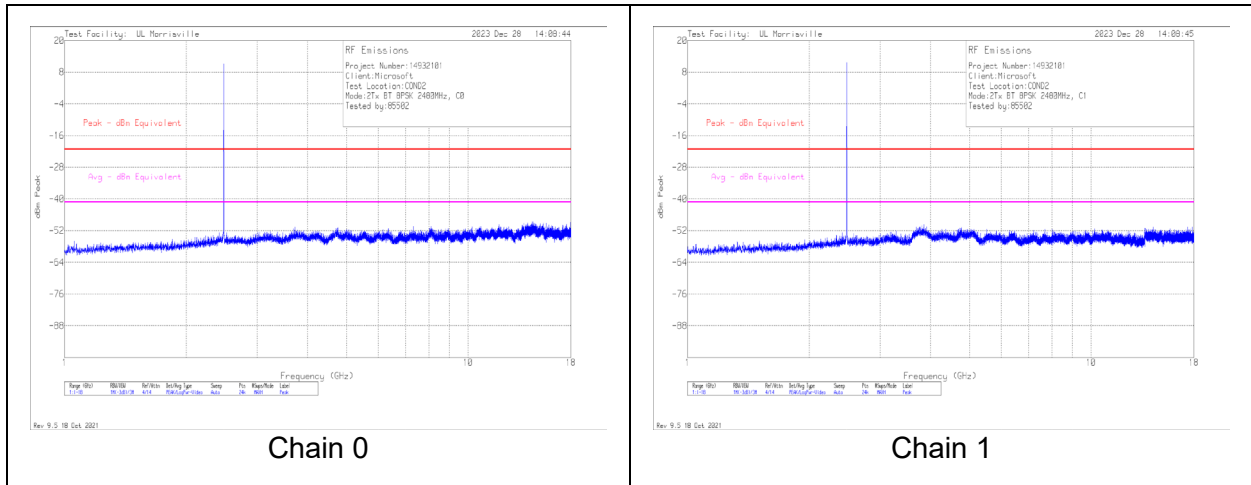
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
14.402228	-48.79	-54.42	-41.00	54.26	74	-19.74	30.26	54	-23.74

MID CHANNEL SPURIOUS: 1-18 GHz



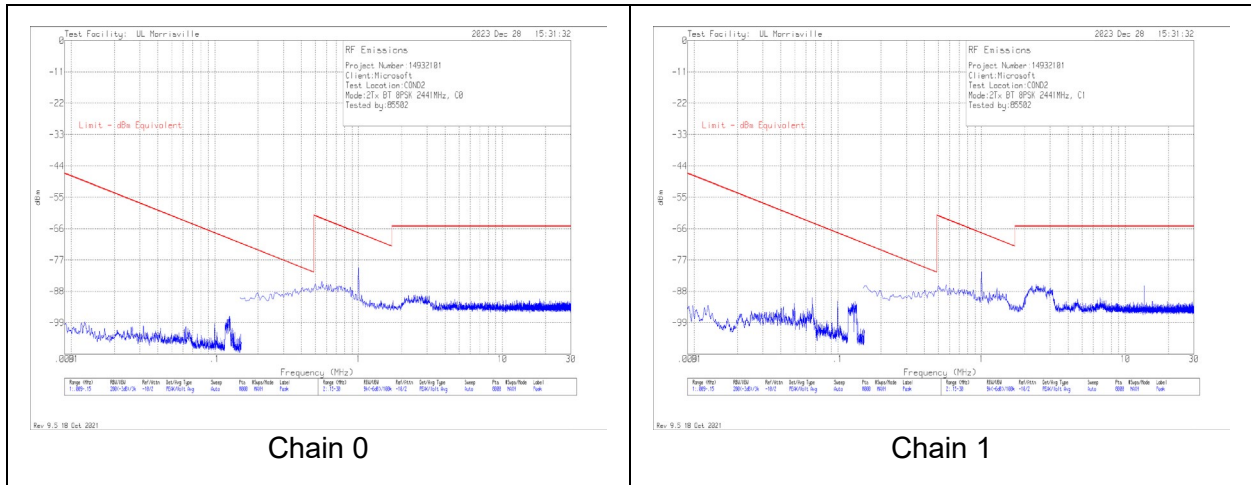
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
14.446146	-48.87	-52.38	-35.68	59.58	74	-14.42	35.58	54	-18.42

HIGH CHANNEL SPURIOUS: 1-18 GHz



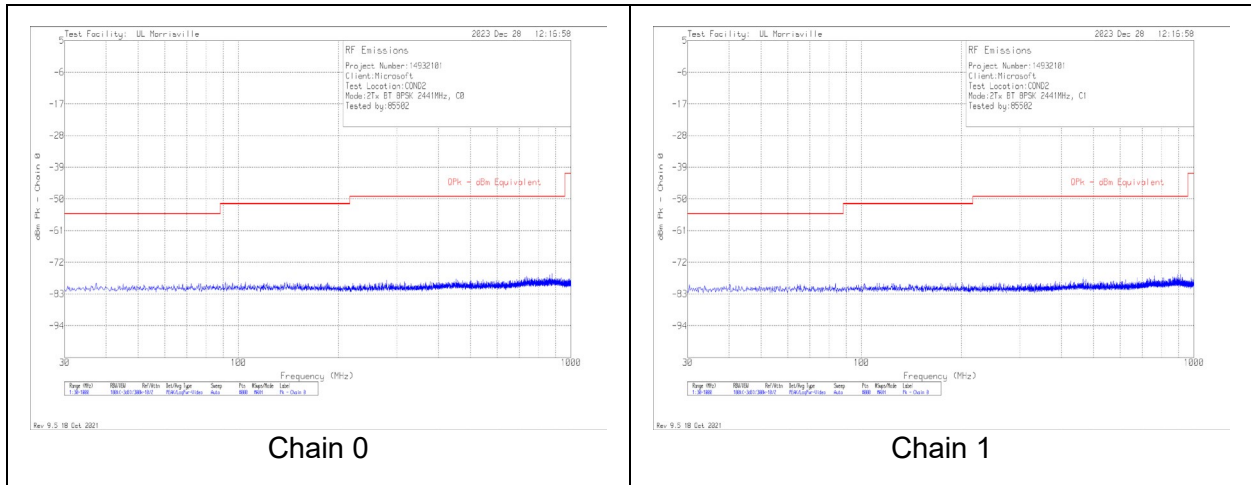
Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	0	3							
Frequency (GHz)	Meter PK Reading Chain 0 (dBm)	Meter PK Reading Chain 1 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	PK E-field Limit (dBuV/m)	PK E-field Margin (dB)	AV E-field (dBuV/m)	AV E-field Limit (dBuV/m)	AV E-field Margin (dB)
2.48402	-52.39	-48.65	-35.63	59.63	74	-14.37	35.63	54	-18.37

WORSE-CASE CHANNEL SPURIOUS: 0.009-30 MHz



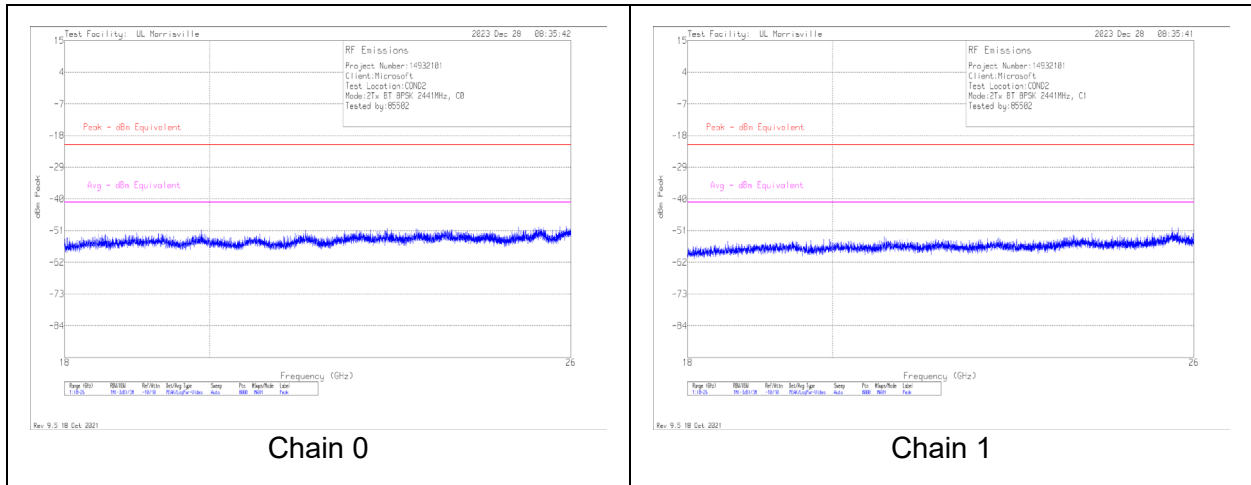
		Meas. Dist (m)				
Array Gain (dBi)	6.74	9-490kHz	0.49-30MHz			
GRF (dB):	6	300	30			
Frequency (MHz)	Meter PK Reading Chain 1 (dBm)	Meter PK Reading Chain 2 (dBm)	PK EIRP (dBm)	PK E-field (dBuV/m)	AV/QP E-field Limit (dBuV/m)	Margin (dB)
1.8516	-79.7	-81.07	-64.58	10.68	46	-35.32

WORSE-CASE CHANNEL SPURIOUS: 30-1000 MHz



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)				
6.74	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	-65.37	29.88	40	-10.12

WORSE-CASE CHANNEL SPURIOUS: 18-26 GHz



Array Gain (dBi)	GRF (dB)	Meas. Dist (m)							
6.74	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	-41.21	54.05	74	-19.95	30.05	54	-23.95

11. 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 2×3.125 ms = 6.25 ms on any channel. Therefore, $20 \log(6.25 / 100) = -24$ dB. This value was subtracted from the peak measurement to obtain a calculated Voltage Average value.

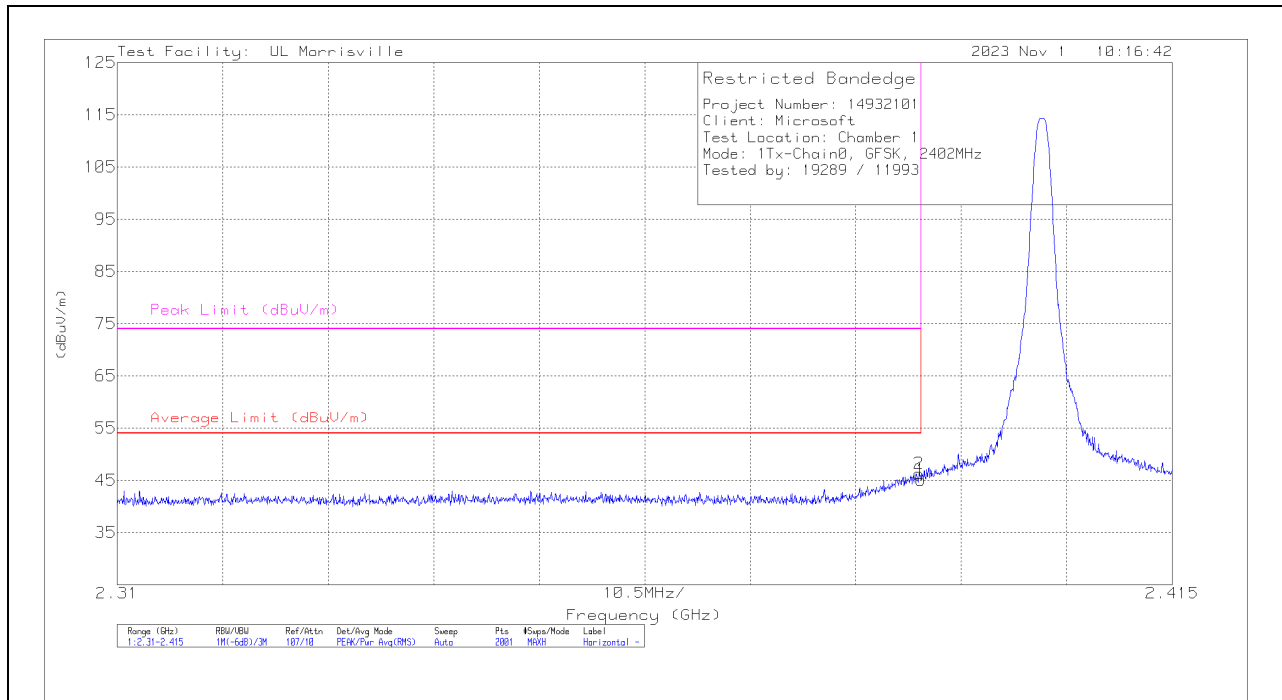
11.1. TRANSMITTER ABOVE 1 GHz

11.1.1. BLUETOOTH BASIC DATA RATE GFSK MODULATION

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



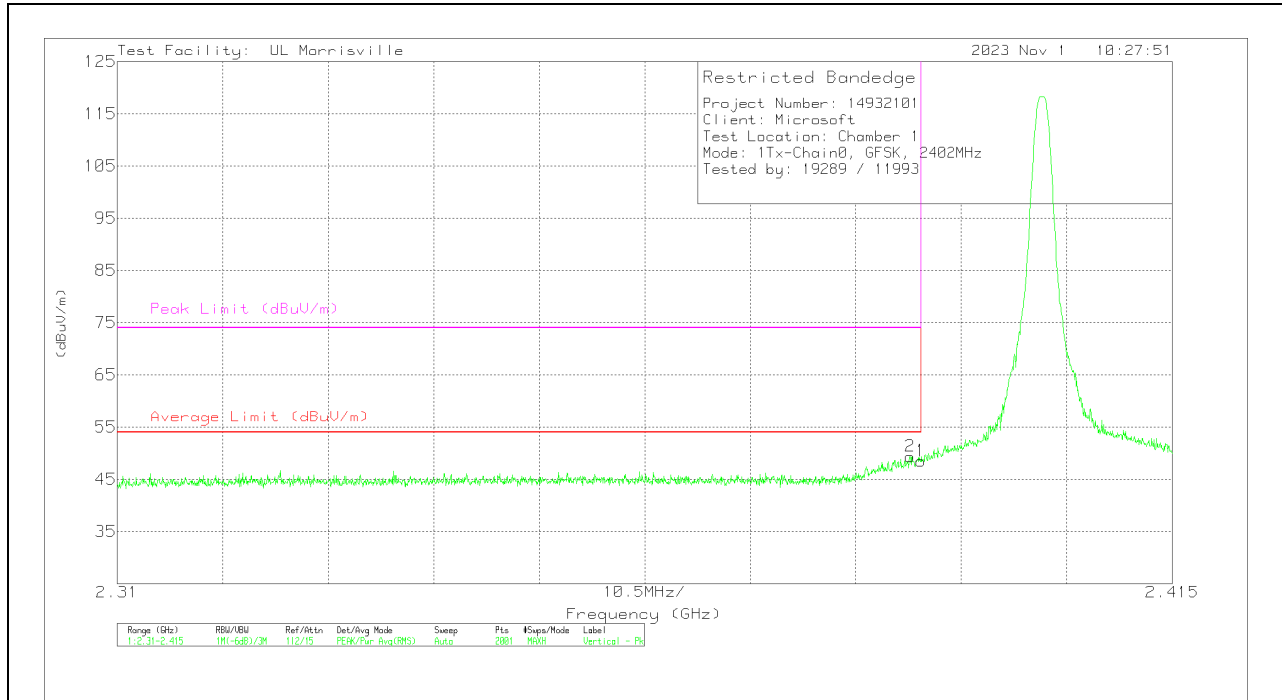
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	37.17	Pk	32.1	-24.2	0	45.07	-	-	74	-28.93	21	372	H
	*** 2.38996	37.17	Pk	32.1	-24.2	-24	21.07	54	-32.93	-	-	21	372	H
2	*** 2.3898	38.41	Pk	32.1	-24.2	0	46.31	-	-	74	-27.69	21	372	H
	*** 2.3898	38.41	Pk	32.1	-24.2	-24	22.31	54	-31.69	-	-	21	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

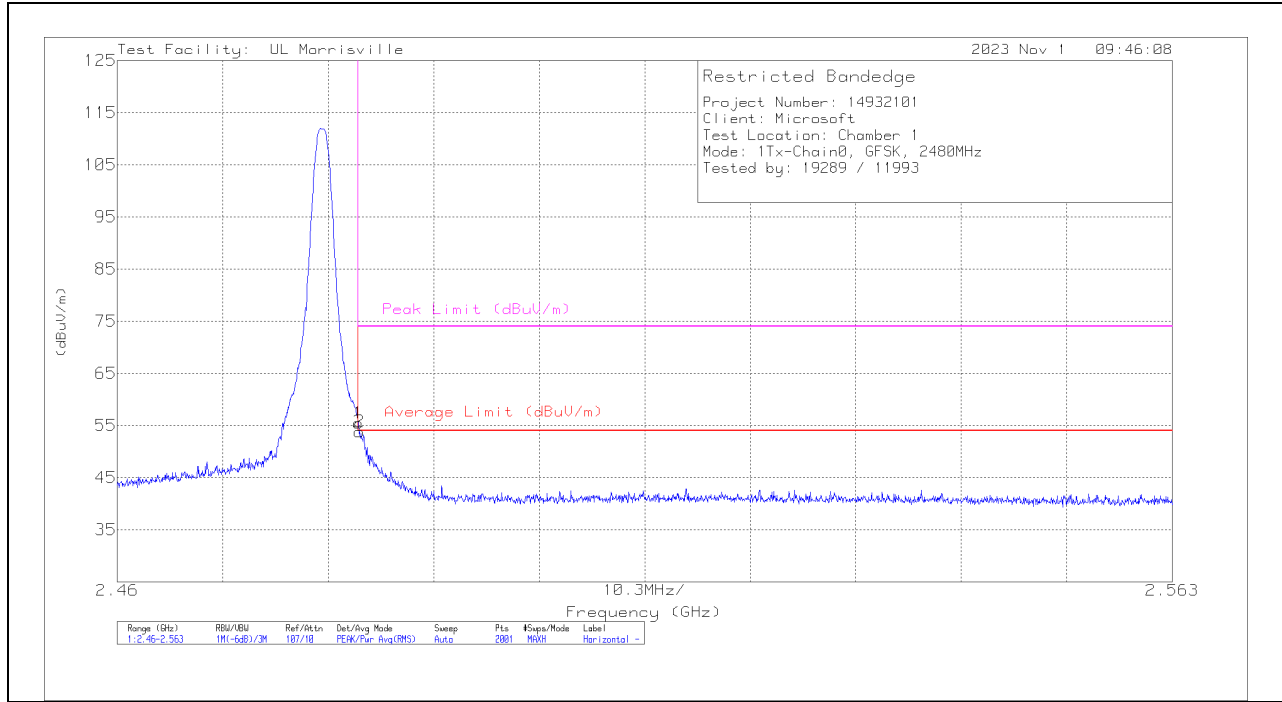


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	40.62	Pk	32.1	-24.2	0	48.52	-	-	74	-25.48	357	366	V
	*** 2.38996	40.62	Pk	32.1	-24.2	-24	24.52	54	-29.48	-	-	357	366	V
2	*** 2.38891	41.48	Pk	32.1	-24.2	0	49.38	-	-	74	-24.62	357	366	V
	*** 2.38891	41.48	Pk	32.1	-24.2	-24	25.38	54	-28.62	-	-	357	366	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)

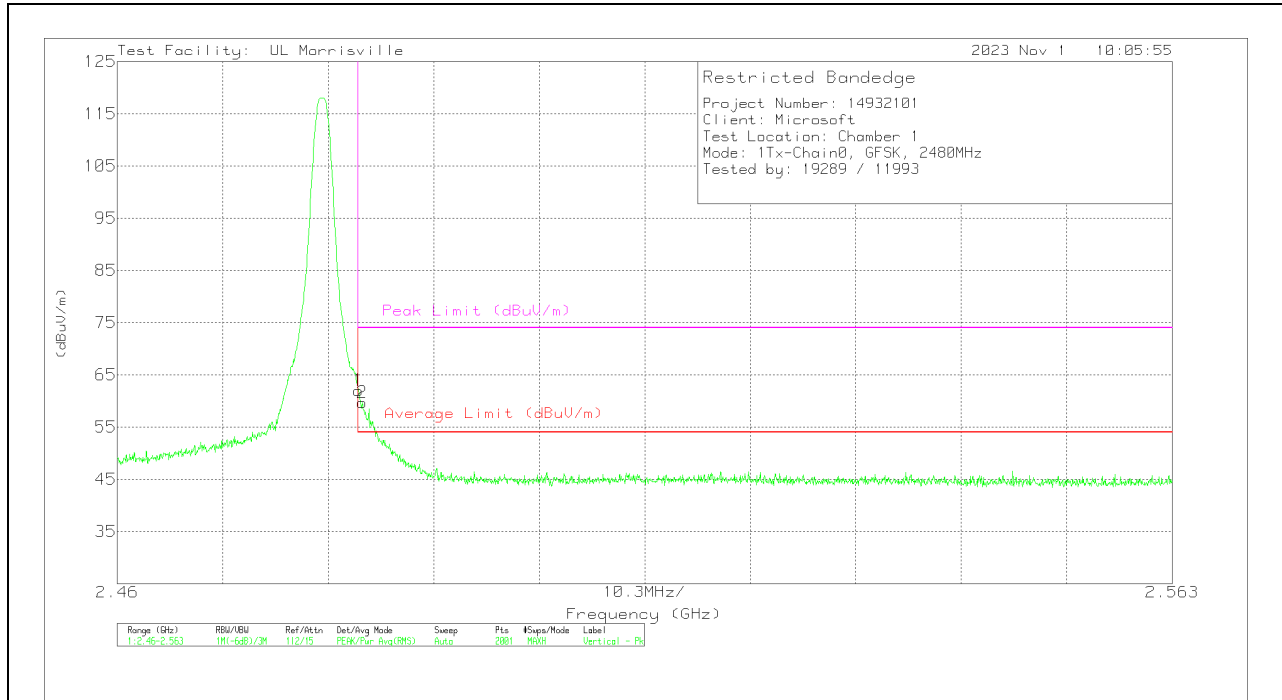
HORIZONTAL RESULT



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	47.66	Pk	32.3	-24.5	0	55.46	-	-	74	-18.54	21	394	H
	*** 2.48354	47.66	Pk	32.3	-24.5	-24	31.46	54	-22.54	-	-	21	394	H
2	*** 2.48364	46.02	Pk	32.3	-24.5	0	53.82	-	-	74	-20.18	21	394	H
	*** 2.48364	46.02	Pk	32.3	-24.5	-24	29.82	54	-24.18	-	-	21	394	H

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

VERTICAL RESULT

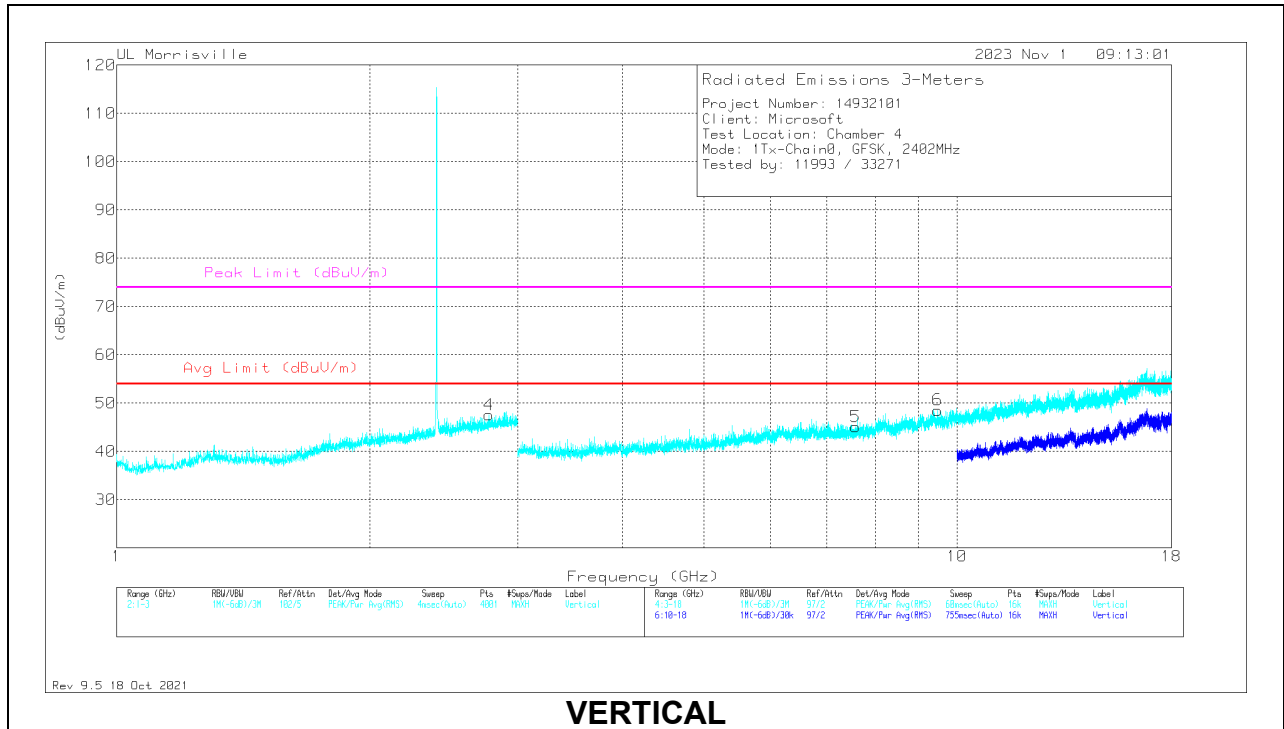
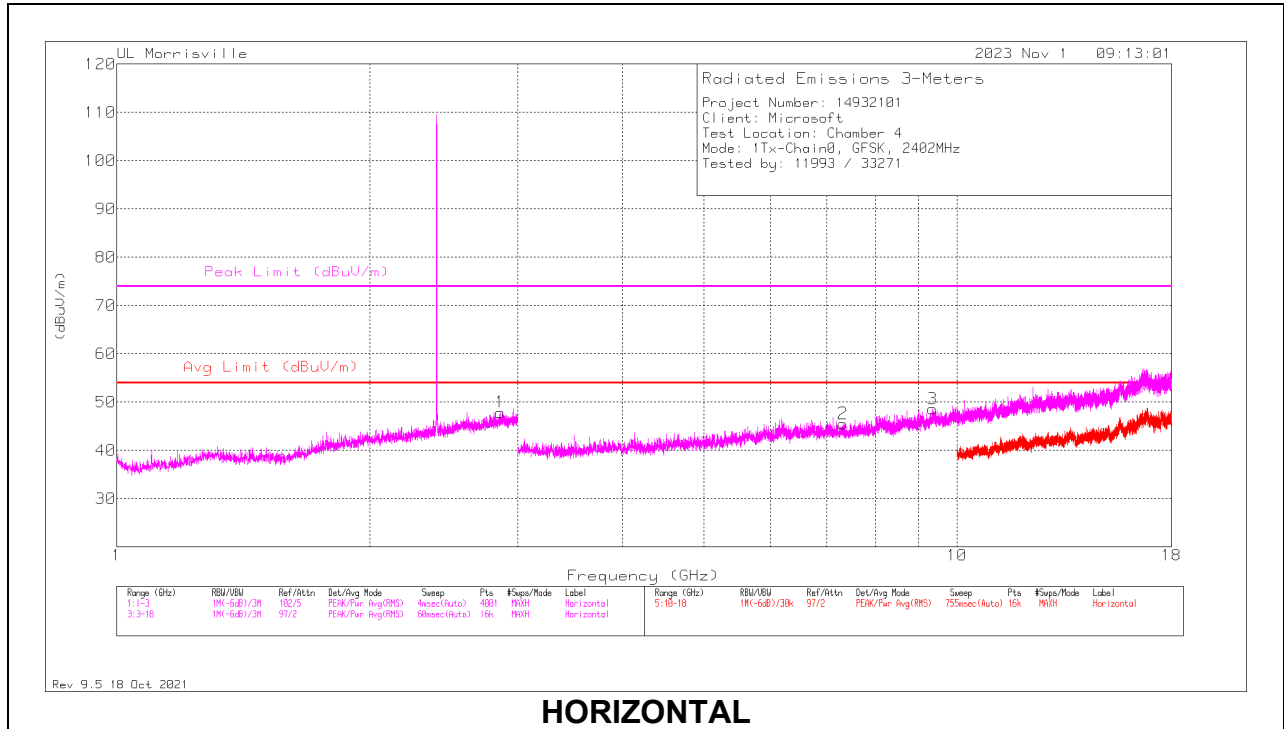


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	54.21	Pk	32.3	-24.5	0	62.01	-	-	74	-11.99	334	302	V
	* ** 2.48354	54.21	Pk	32.3	-24.5	-24	38.01	54	-14.01	-	-	334	302	V
2	* ** 2.4839	51.89	Pk	32.3	-24.5	0	59.69	-	-	74	-14.31	334	302	V
	* ** 2.4839	51.89	Pk	32.3	-24.5	-24	35.69	54	-18.31	-	-	334	302	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)	DCCF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.862	27.61	Pk	32.4	-12.1	0	47.91	54	-6.09	74	-26.09	0-360	100	H
4	*** 2.775	27.42	Pk	32.6	-12.4	0	47.62	54	-6.38	74	-26.38	0-360	200	V
2	*** 7.32094	38.07	Pk	35.6	-28.1	0	45.57	54	-8.43	74	-28.43	0-360	100	H
3	*** 9.36174	37.13	PK2	36.5	-24.7	0	48.93	-	-	74	-25.07	37	392	H
	*** 9.36174	37.13	PK2	36.5	-24.7	-24	24.83	54	-29.07	-	-	37	392	H
5	*** 7.57406	37.07	Pk	35.7	-27.6	0	45.17	54	-8.83	74	-28.83	0-360	200	V
6	*** 9.48477	38.38	PK2	36.7	-25.8	0	49.28	-	-	74	-24.72	2	391	V
	*** 9.48477	38.38	PK2	36.7	-25.8	-24	25.28	54	-28.72	-	-	2	391	V

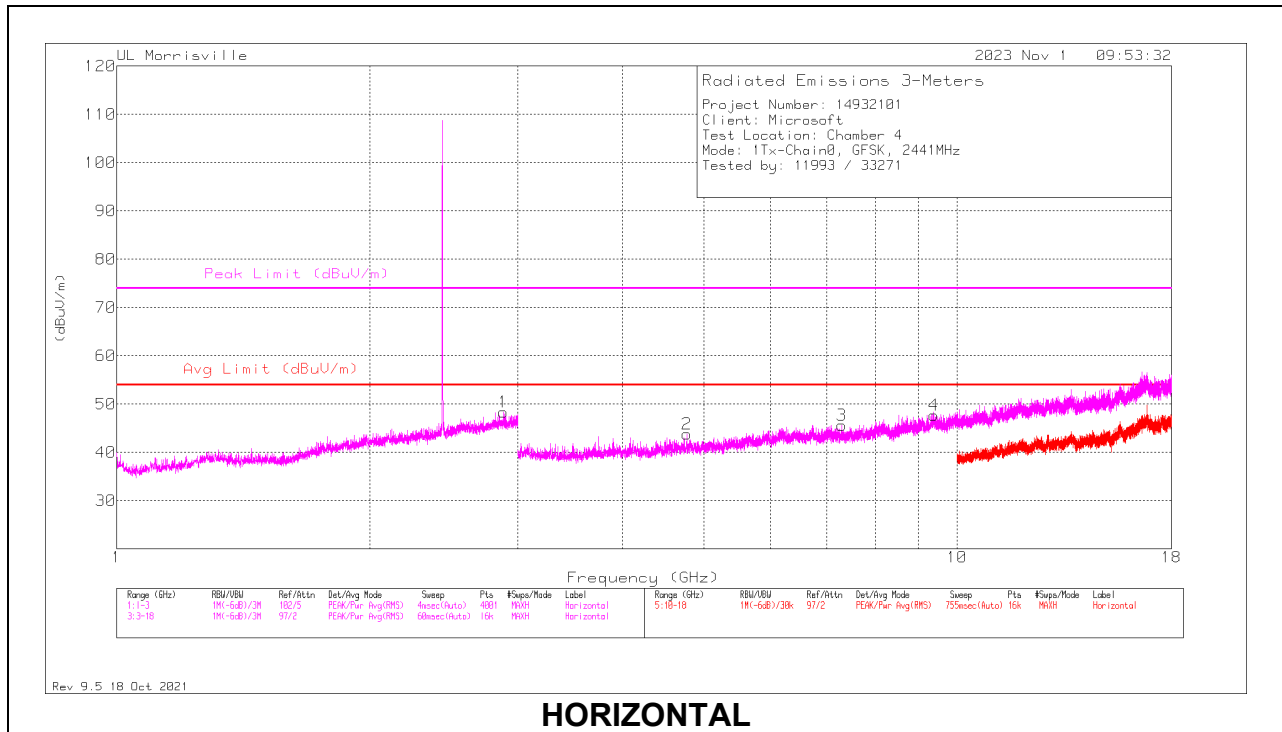
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

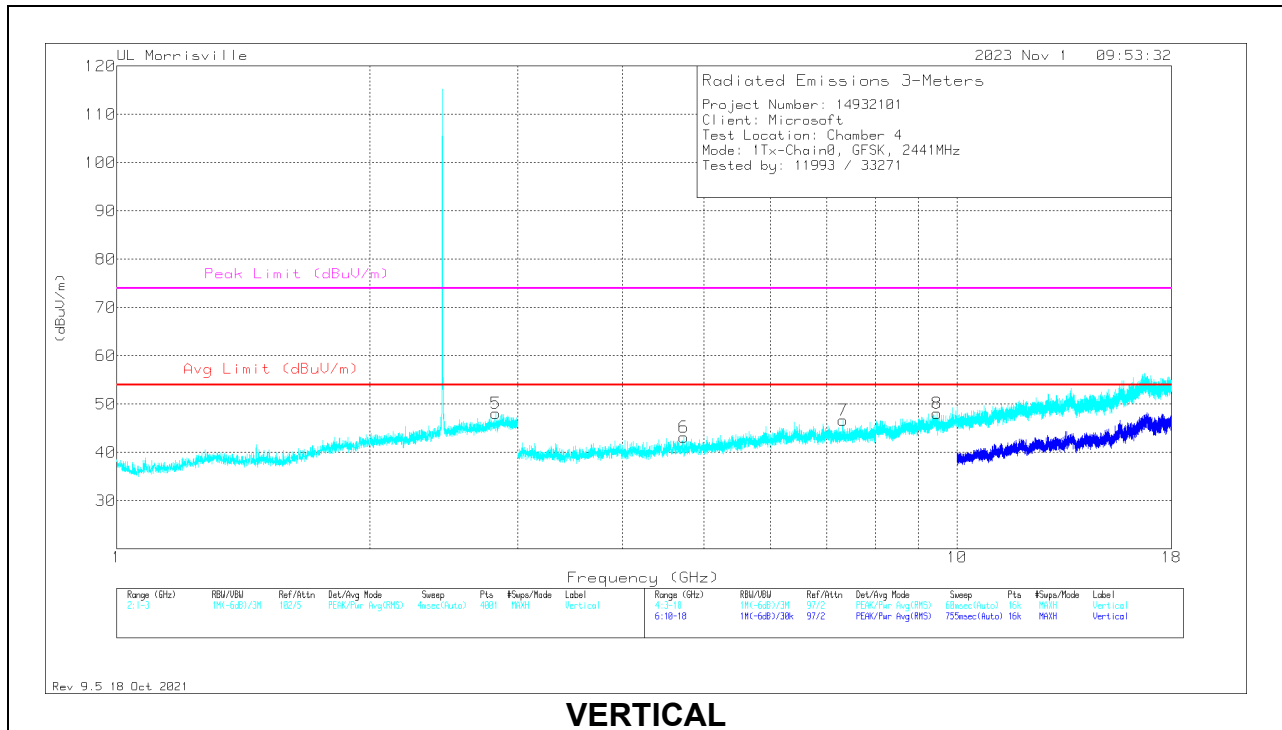
Pk - Peak detector

PK2 - Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



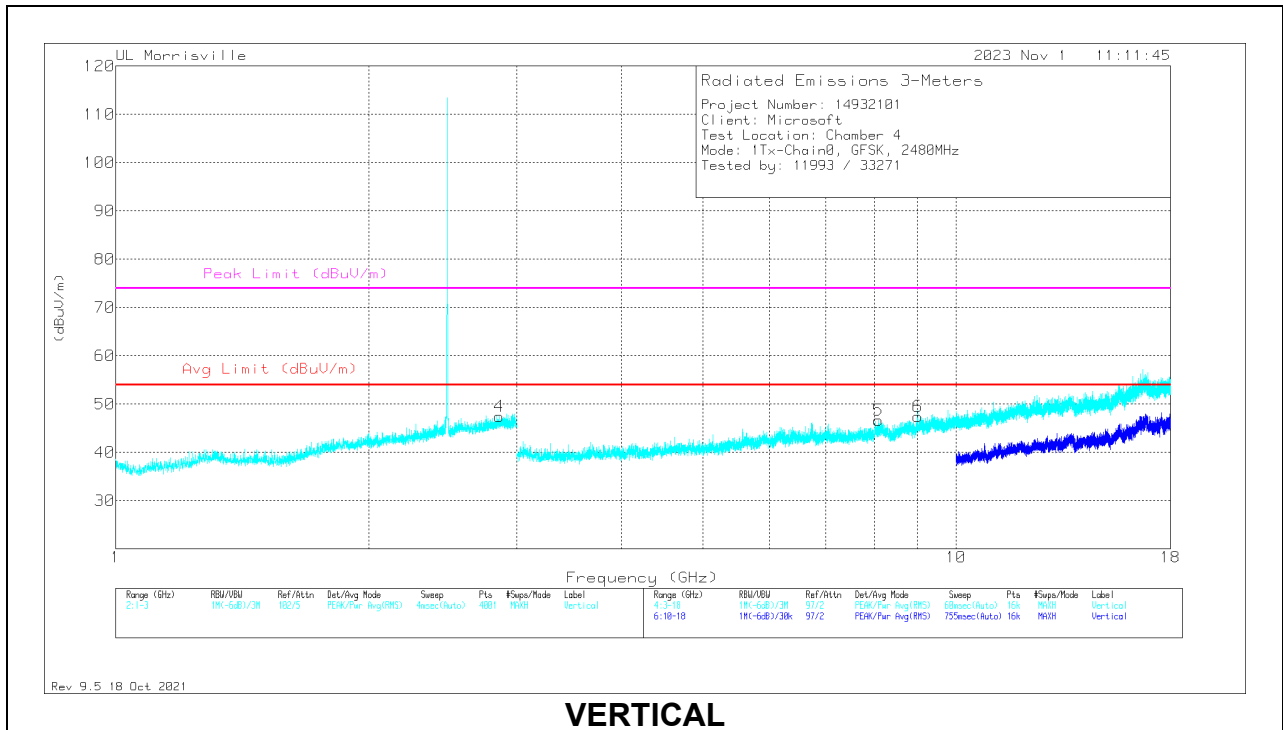
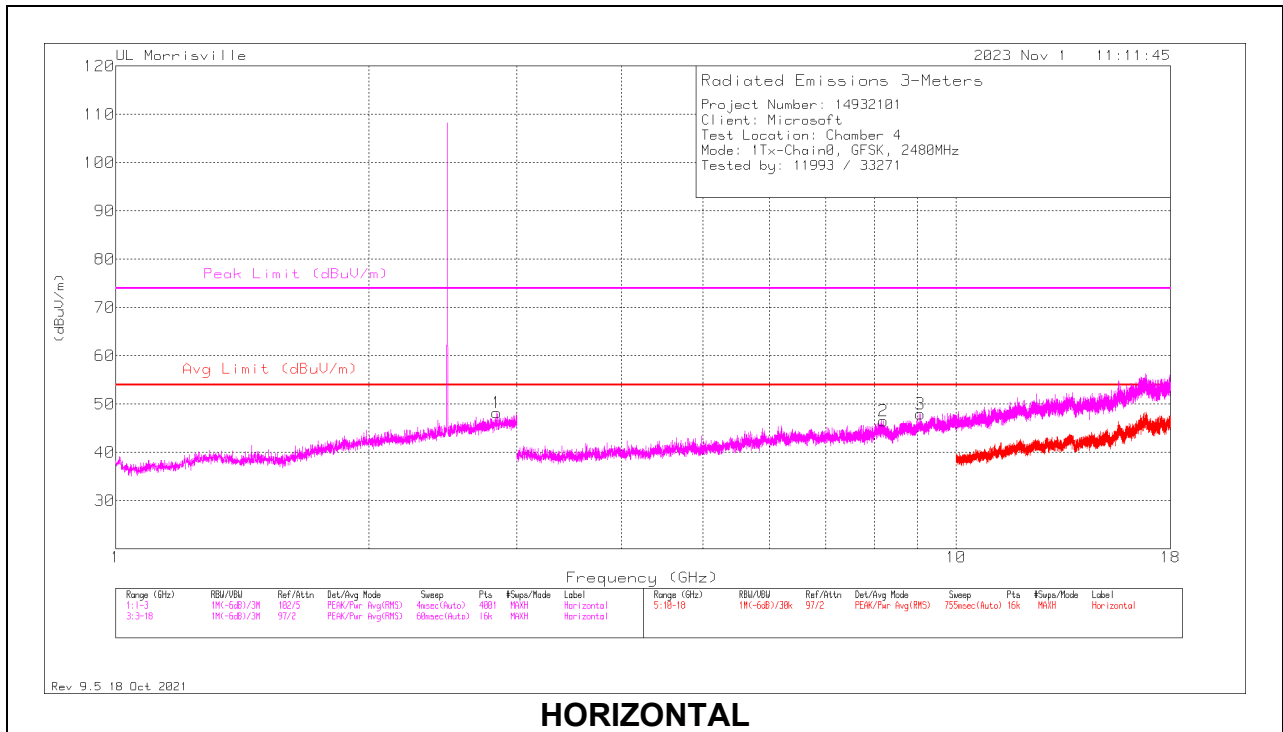
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DCCF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.88591	29.72	PK2	32.5	-12.1	0	50.12	-	-	74	-23.88	354	309	H
	* ** 2.88591	29.72	PK2	32.5	-12.1	-24	26.12	54	-27.88	-	-	354	309	H
5	* ** 2.83094	30.02	PK2	32.4	-12.3	0	50.12	-	-	74	-23.88	90	298	V
	* ** 2.83094	30.02	PK2	32.4	-12.3	-24	26.12	54	-27.88	-	-	90	298	V
2	* ** 4.76906	41.49	Pk	34	-31.7	0	43.79	54	-10.21	74	-30.21	0-360	100	H
3	* ** 7.28719	37.58	Pk	35.7	-27.7	0	45.58	54	-8.42	74	-28.42	0-360	100	H
4	* ** 9.38063	36.01	Pk	36.6	-24.9	0	47.71	54	-6.29	74	-26.29	0-360	100	H
6	* ** 4.72875	40.72	Pk	34	-31.5	0	43.22	54	-10.78	74	-30.78	0-360	200	V
7	* ** 7.32281	39.27	Pk	35.6	-28.2	0	46.67	54	-7.33	74	-27.33	0-360	200	V
8	* ** 9.47002	37.57	PK2	36.7	-25.5	0	48.77	-	-	74	-25.23	354	127	V
	* ** 9.47002	37.57	PK2	36.7	-25.5	-24	24.77	54	-29.23	-	-	354	127	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)	DCCF	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.84253	28.28	PK2	32.3	-12.1	0	48.48	-	-	74	-25.52	104	114	H
	* ** 2.84253	28.28	PK2	32.3	-12.1	-24	24.48	54	-29.52	-	-	104	114	H
4	* ** 2.862	27.12	Pk	32.4	-12.1	0	47.42	54	-6.58	74	-26.58	0-360	200	V
2	* ** 8.1975	37.39	Pk	35.8	-26.6	0	46.59	54	-7.41	74	-27.41	0-360	100	H
3	* ** 9.06938	36.32	Pk	36.2	-24.6	0	47.92	54	-6.08	74	-26.08	0-360	100	H
5	* ** 8.08969	38.32	Pk	35.8	-27.4	0	46.72	54	-7.28	74	-27.28	0-360	200	V
6	* ** 9.00469	36.17	Pk	36.2	-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

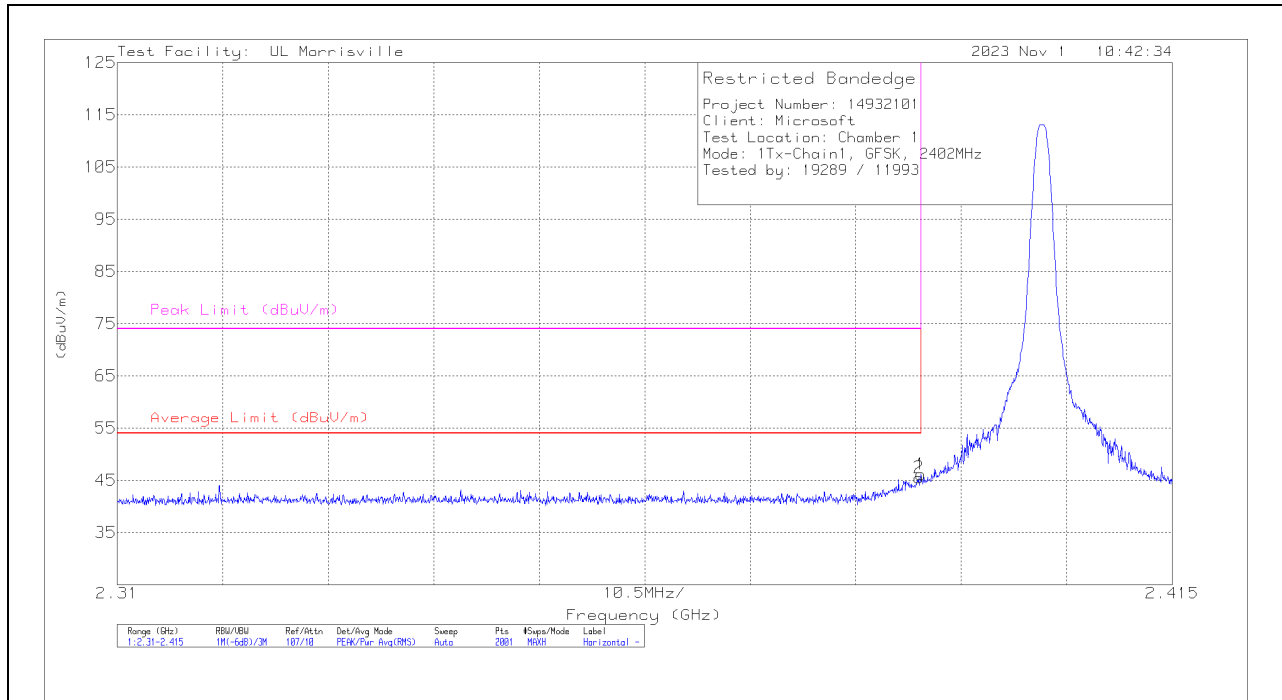
Pk - Peak detector

PK2 -Maximum Peak

CHAIN 1

BANDEDGE (LOW CHANNEL)

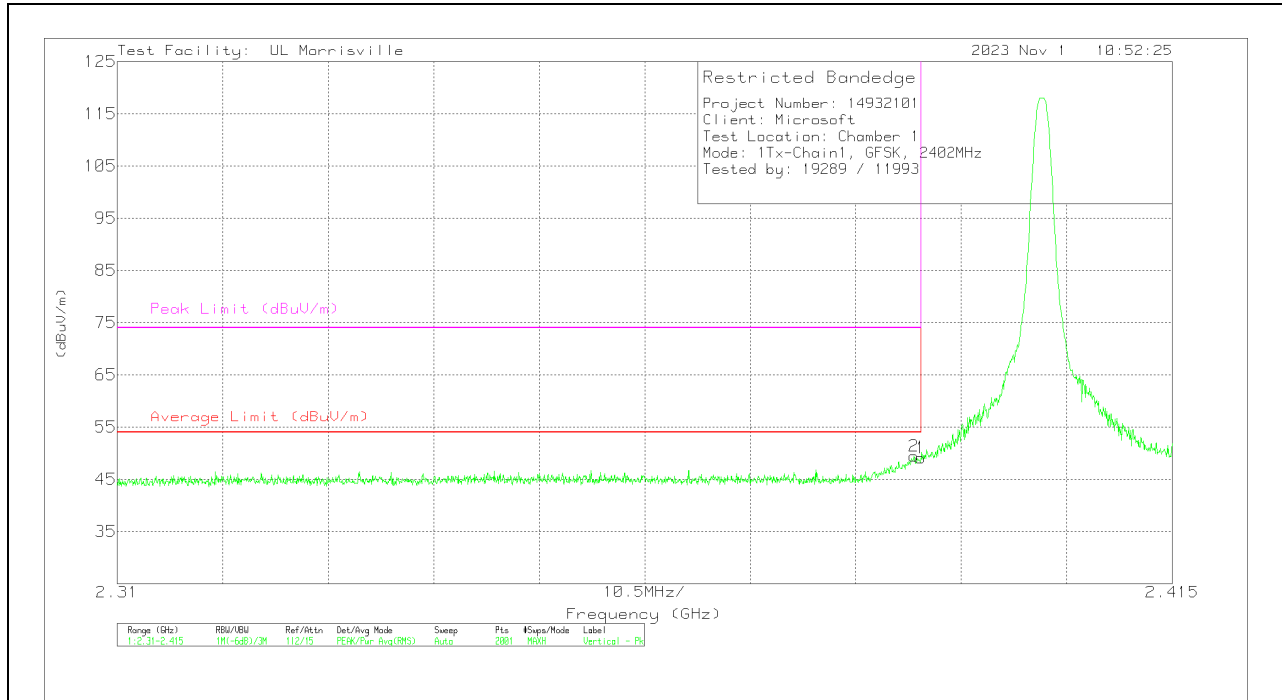
HORIZONTAL RESULT



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	38.24	Pk	32.1	-24.2	0	46.14	-	-	74	-27.86	272	343	H
	*** 2.38996	38.24	Pk	32.1	-24.2	-24	22.14	54	-31.86	-	-	272	343	H
2	*** 2.3898	37.59	Pk	32.1	-24.2	0	45.49	-	-	74	-28.51	272	343	H
	*** 2.3898	37.59	Pk	32.1	-24.2	-24	21.49	54	-32.51	-	-	272	343	H

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

VERTICAL RESULT

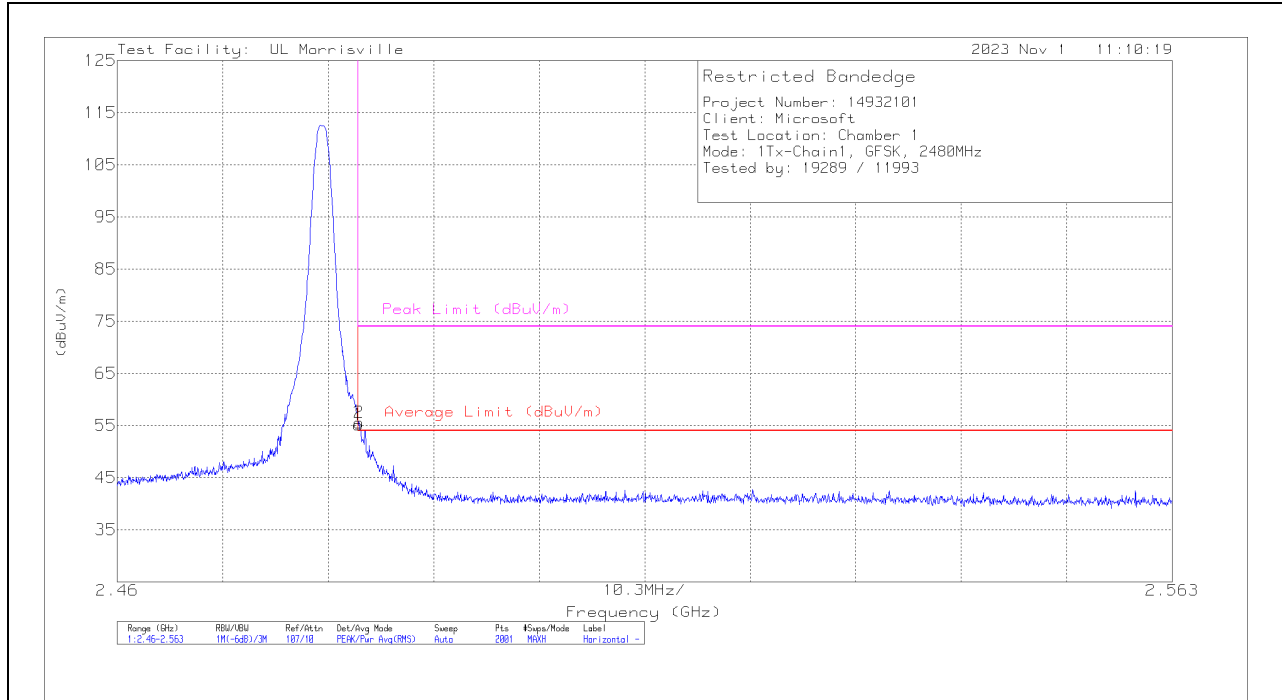


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	41.19	Pk	32.1	-24.2	0	49.09	-	-	74	-24.91	283	369	V
	*** 2.38996	41.19	Pk	32.1	-24.2	-24	25.09	54	-28.91	-	-	283	369	V
2	*** 2.38928	41.53	Pk	32.1	-24.2	0	49.43	-	-	74	-24.57	283	369	V
	*** 2.38928	41.53	Pk	32.1	-24.2	-24	25.43	54	-28.57	-	-	283	369	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)

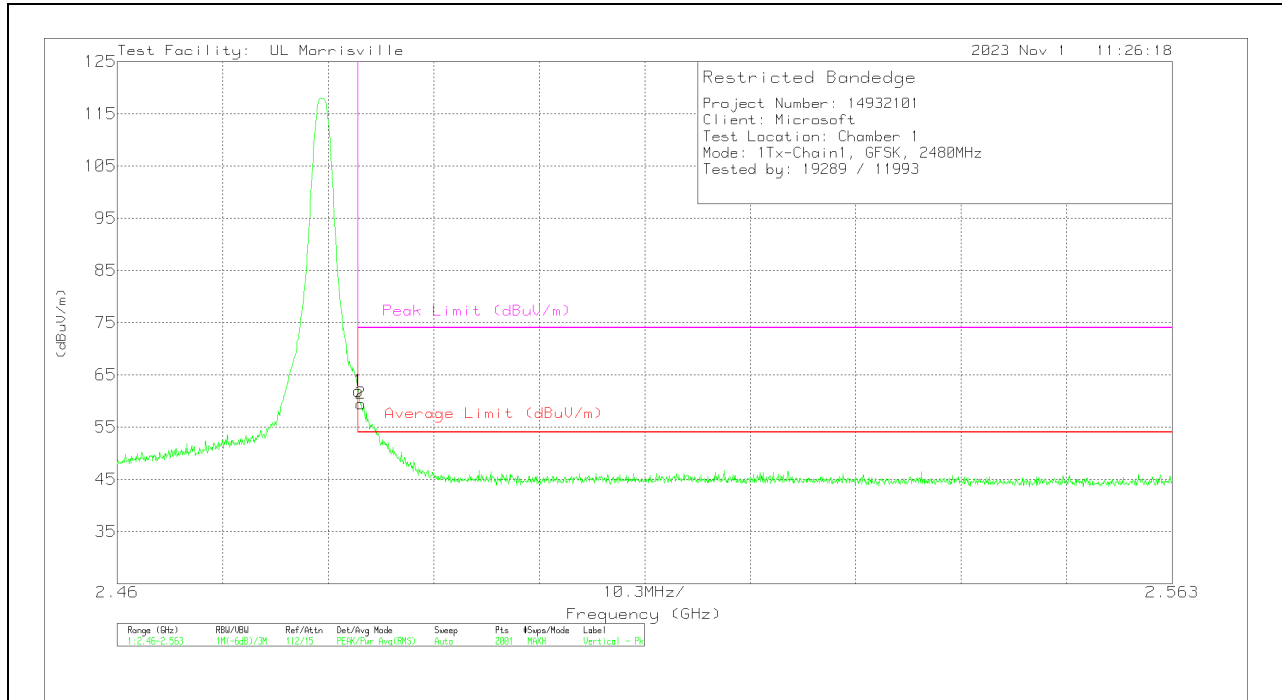
HORIZONTAL RESULT



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	47.33	Pk	32.3	-24.5	0	55.13	-	-	74	-18.87	17	395	H
	*** 2.48354	47.33	Pk	32.3	-24.5	-24	31.13	54	-22.87	-	-	17	395	H
2	*** 2.48359	47.74	Pk	32.3	-24.5	0	55.54	-	-	74	-18.46	17	395	H
	*** 2.48359	47.74	Pk	32.3	-24.5	-24	31.54	54	-22.46	-	-	17	395	H

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

VERTICAL RESULT

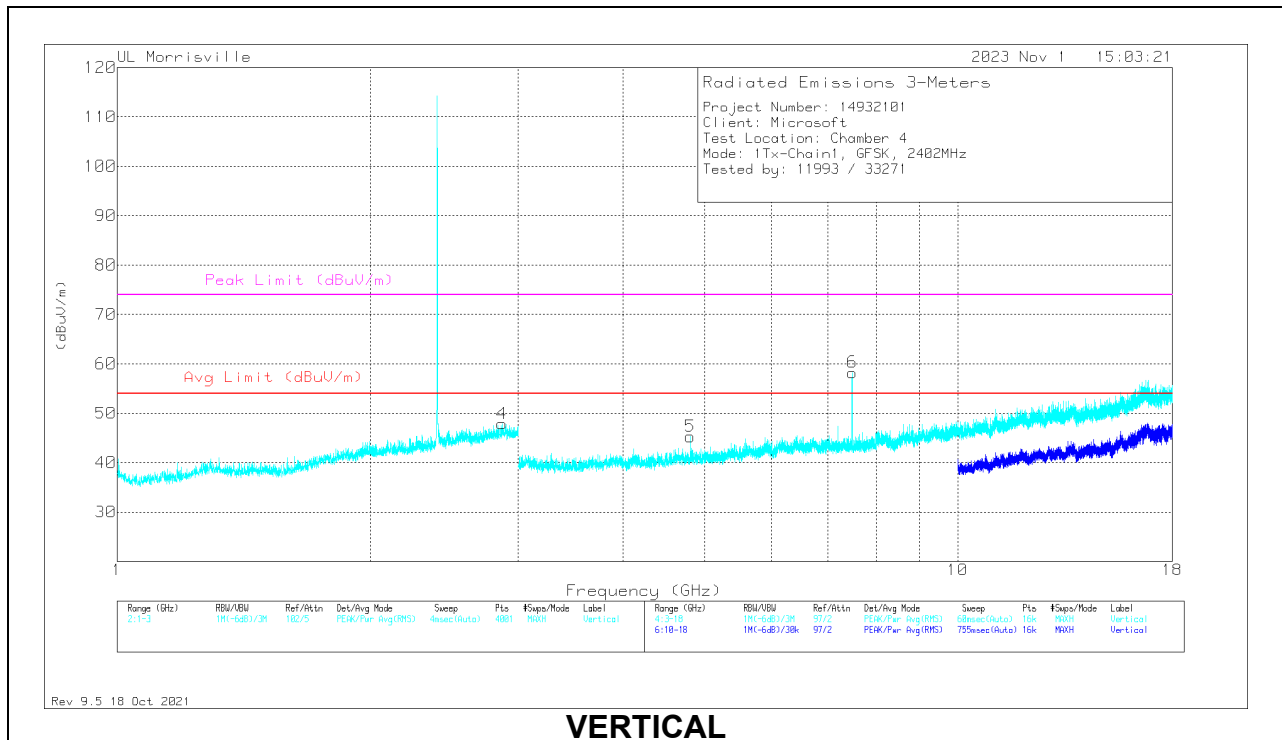
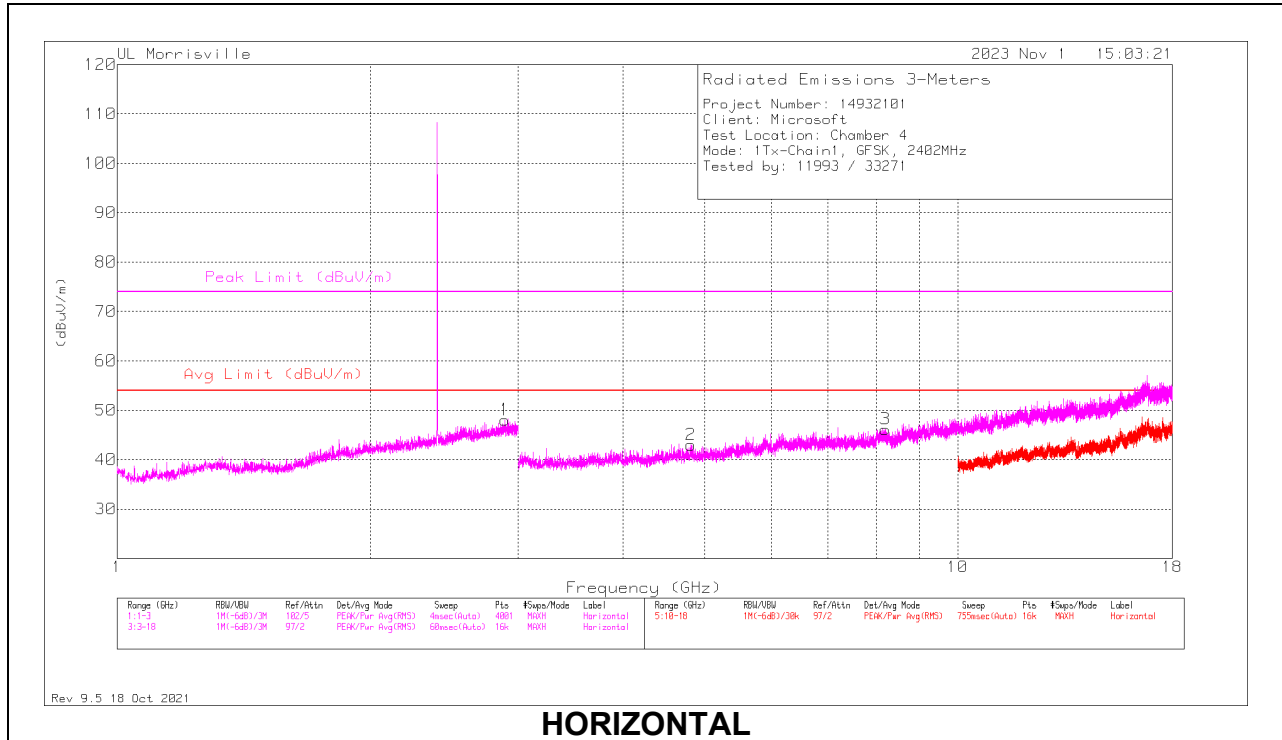


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.48354	54.13	Pk	32.3	-24.5	0	61.93	-	-	74	-12.07	335	302	V
	* ** 2.48354	54.13	Pk	32.3	-24.5	-24	37.93	54	-16.07	-	-	335	302	V
2	* ** 2.48379	51.69	Pk	32.3	-24.5	0	59.49	-	-	74	-14.51	335	302	V
	* ** 2.48379	51.69	Pk	32.3	-24.5	-24	35.49	54	-18.51	-	-	335	302	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	* ** 2.89522	28	PK2	32.5	-12.1	0	48.4	-	-	74	-25.6	348	122	H
	* ** 2.89522	28	PK2	32.5	-12.1	-24	24.4	54	-29.6	-	-	348	122	H
4	* ** 2.8695	27.57	Pk	32.4	-12.1	0	47.87	54	-6.13	74	-26.13	0-360	200	V
2	* ** 4.81688	40.41	Pk	34.1	-31.5	0	43.01	54	-10.99	74	-30.99	0-360	100	H
3	* ** 8.20031	37.17	Pk	35.8	-26.8	0	46.17	54	-7.83	74	-27.83	0-360	100	H
5	* ** 4.80375	42.89	Pk	34.1	-31.7	0	45.29	54	-8.71	74	-28.71	0-360	200	V
6	* ** 7.49454	55.72	PK2	35.6	-27.8	0	63.52	-	-	74	-10.48	5	312	V
	* ** 7.49454	55.72	PK2	35.6	-27.8	-24	39.52	54	-14.48	-	-	5	312	V

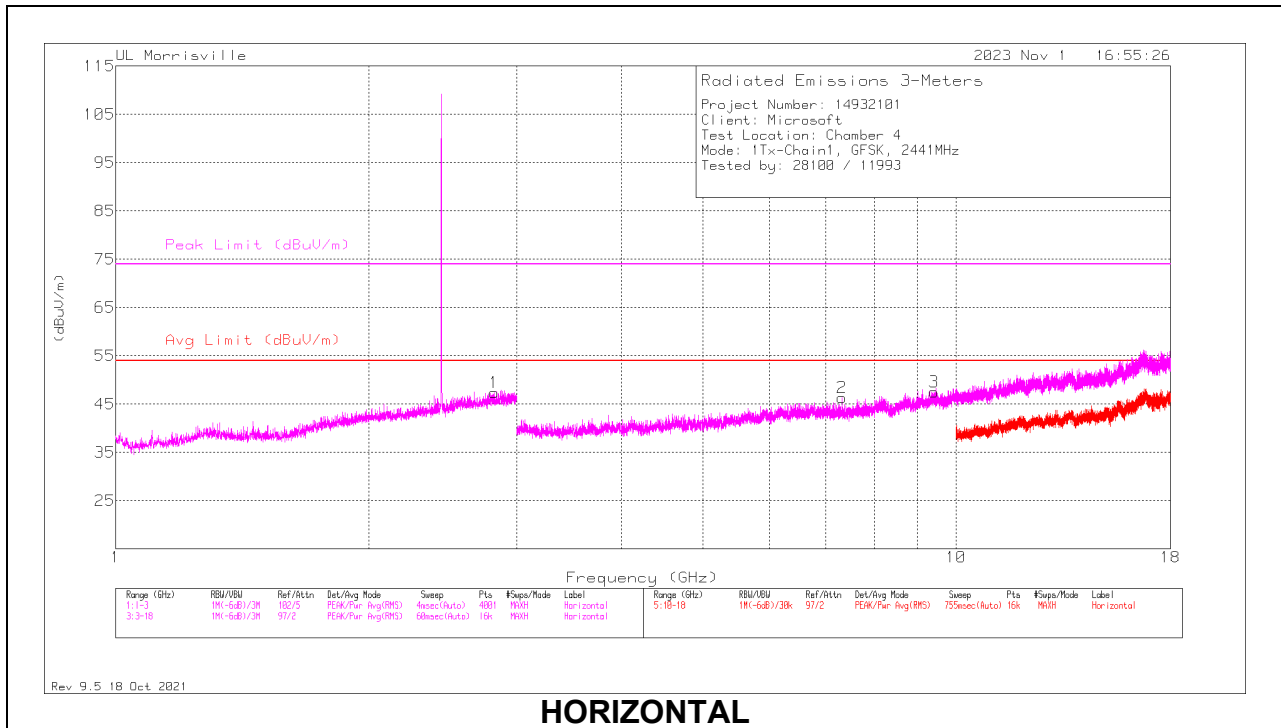
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

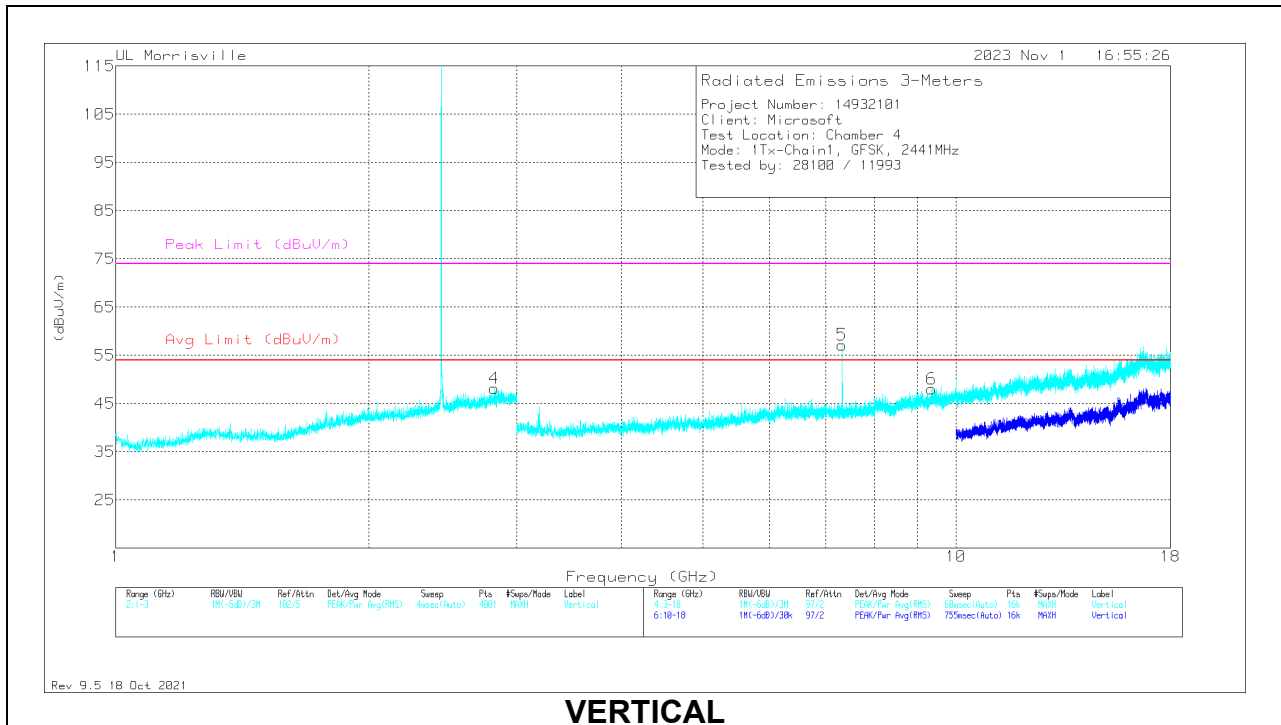
Pk - Peak detector

PK2 -Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



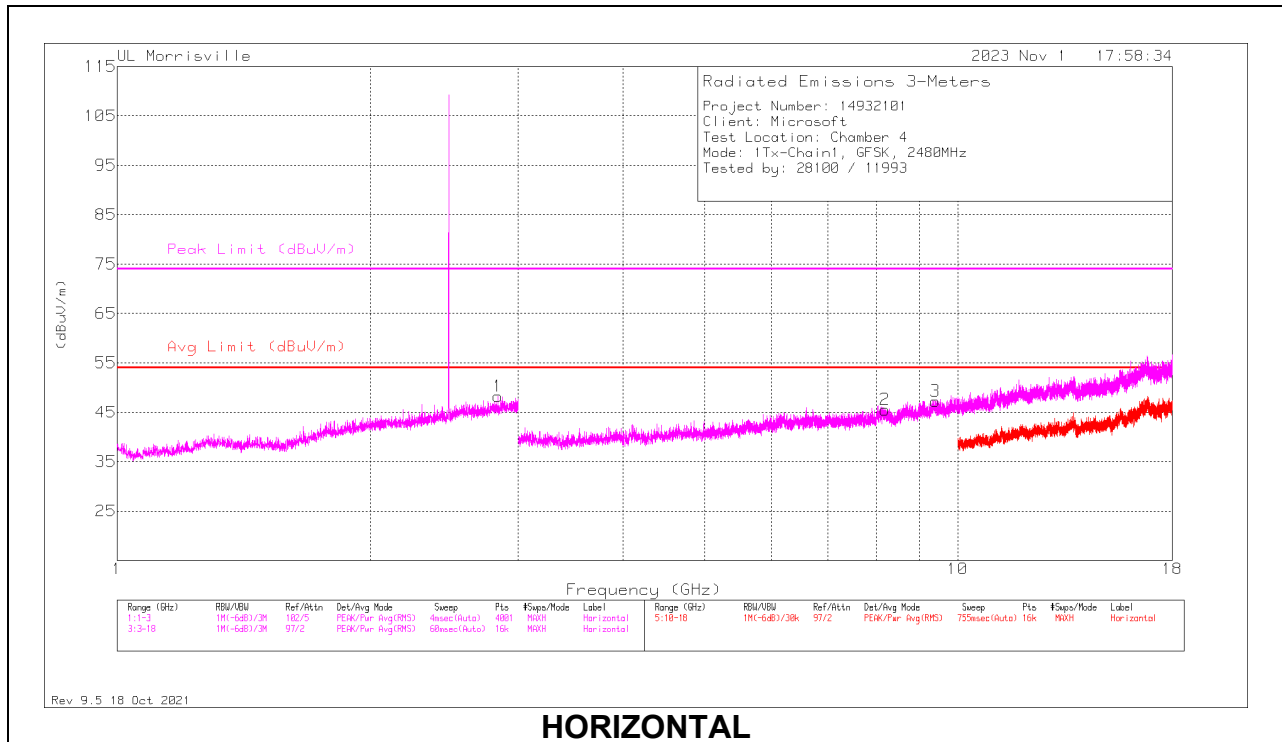
VERTICAL

RADIATED EMISSIONS

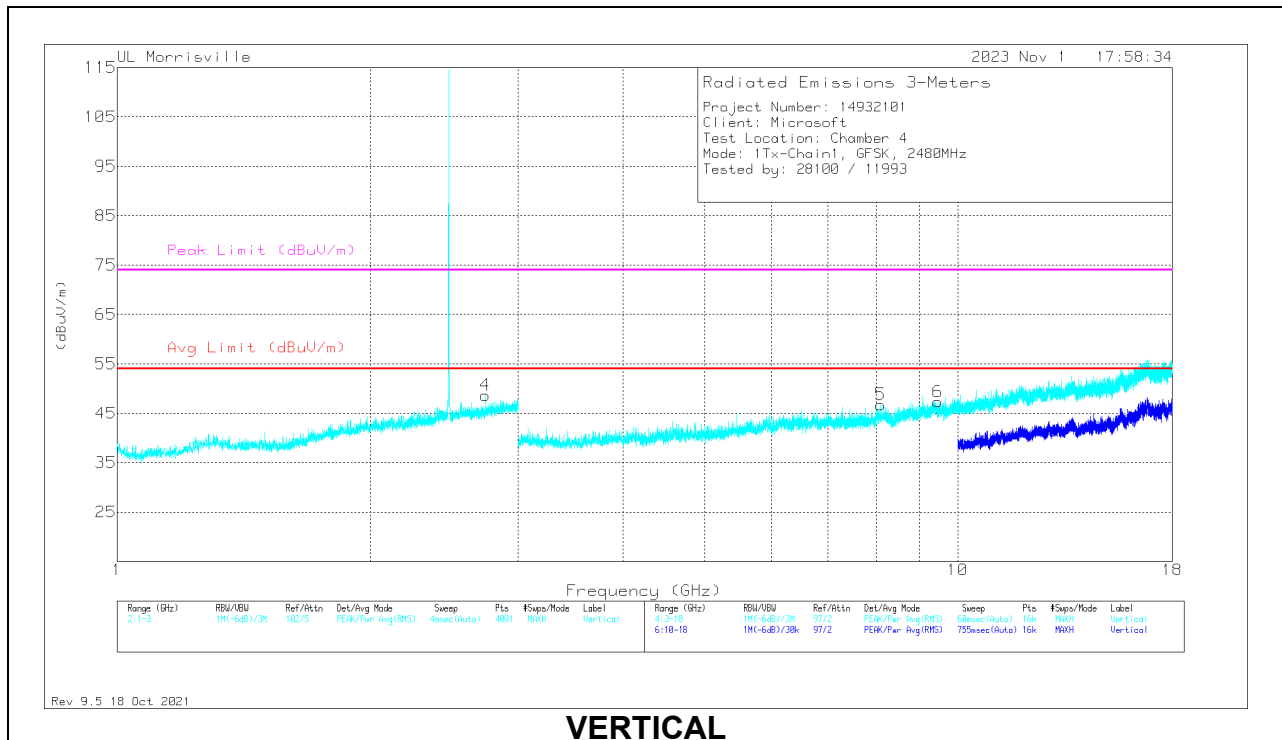
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.8195	27.34	Pk	32.4	-12.3	0	47.44	54	-6.56	74	-26.56	0-360	100	H
4	*** 2.82254	28.25	PK2	32.4	-12.4	0	48.25	-	-	74	-25.75	5	160	V
	*** 2.82254	28.25	PK2	32.4	-12.4	-24	48.25	54	-	-	-	5	160	V
2	*** 7.32281	38.94	Pk	35.6	-28.2	0	46.34	54	-7.66	74	-27.66	0-360	100	H
3	*** 9.41438	36.36	Pk	36.6	-25.5	0	47.46	54	-6.54	74	-26.54	0-360	100	H
5	*** 7.32342	50.91	PK2	35.6	-28.2	0	58.31	-	-	74	-15.69	354	235	V
	*** 7.32342	50.91	PK2	35.6	-28.2	-24	34.31	54	-19.69	-	-	354	235	V
6	*** 9.35235	37.18	PK2	36.5	-25	0	48.68	-	-	74	-25.32	182	306	V
	*** 9.35235	37.18	PK2	36.5	-25	-24	24.68	54	-29.32	-	-	182	306	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)	Polarit y
1	*** 2.83859	30.34	PK2	32.3	-12.4	0	50.24	-	-	74	-23.76	358	110	H
	*** 2.83859	30.34	PK2	32.3	-12.4	-24	26.24	54	-27.76	-	-	358	110	H
4	*** 2.74242	28.81	PK2	32.5	-12.4	0	48.91	-	-	74	-25.09	73	144	V
	*** 2.74242	28.81	PK2	32.5	-12.4	-24	24.91	54	-29.09	-	-	73	144	V
2	*** 8.19375	36.53	Pk	35.8	-26.8	0	45.53	54	-8.47	74	-28.47	0-360	100	H
3	*** 9.40031	36.34	Pk	36.6	-25.7	0	47.24	54	-6.76	74	-26.76	0-360	100	H
5	*** 8.09531	38.05	Pk	35.8	-27.1	0	46.75	54	-7.25	74	-27.25	0-360	200	V
6	*** 9.46875	35.95	Pk	36.7	-25.3	0	47.35	54	-6.65	74	-26.65	0-360	200	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

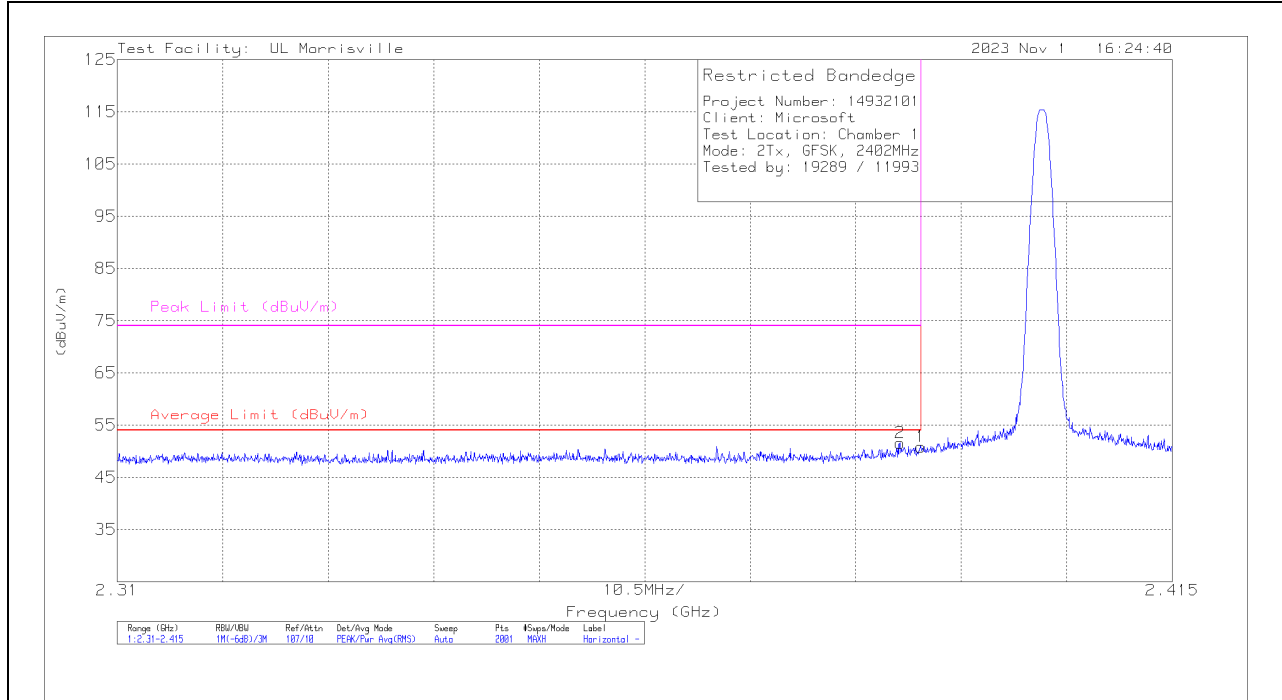
Pk - Peak detector

PK2 -Maximum Peak

2Tx

BANDEDGE (LOW CHANNEL)

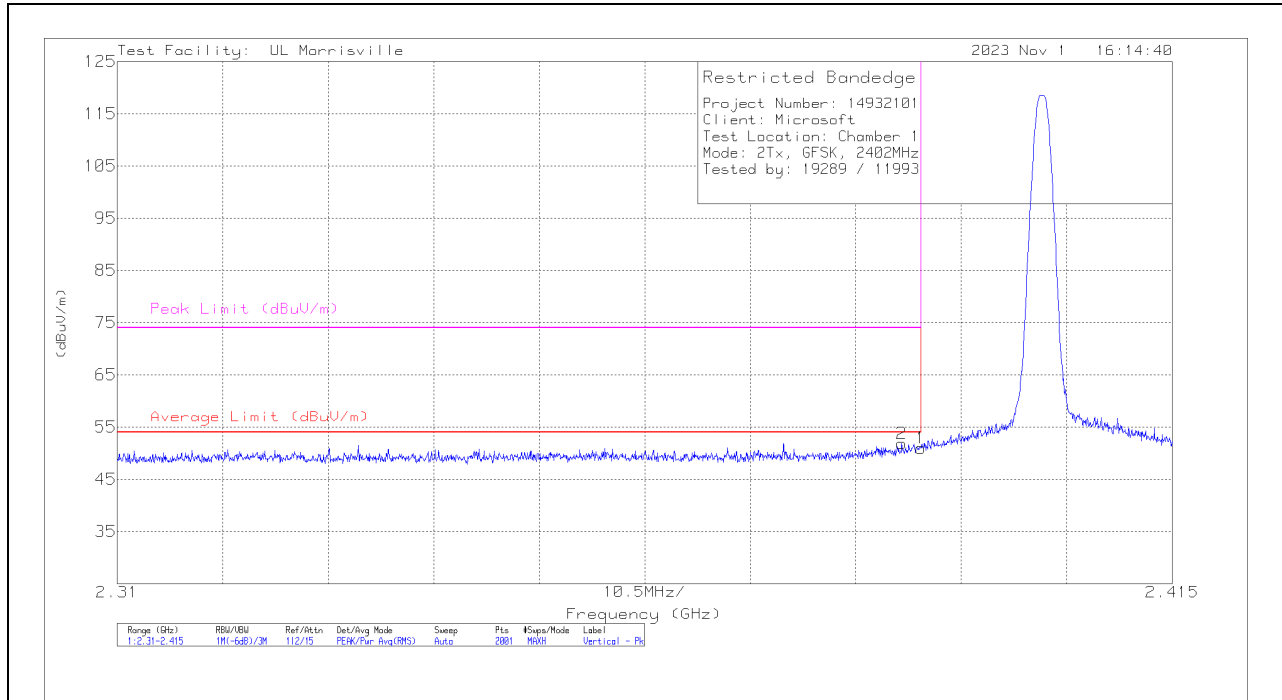
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	42.75	Pk	32.1	-24	0	50.85	-	-	74	-23.15	14	372	H
	*** 2.38996	42.75	Pk	32.1	-24	-24	26.85	54	-27.15	-	-	14	372	H
2	*** 2.38791	43.47	Pk	32.1	-24	0	51.57	-	-	74	-22.43	14	372	H
	*** 2.38791	43.47	Pk	32.1	-24	-24	27.57	54	-26.43	-	-	14	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

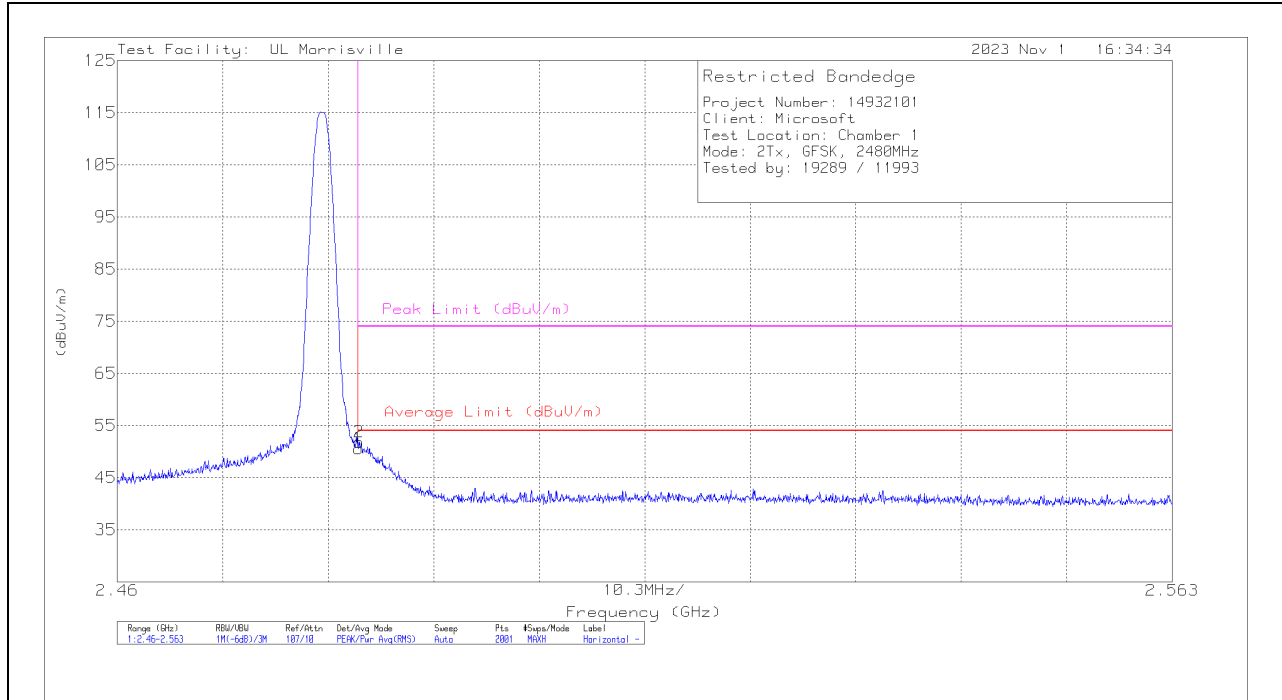


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	42.86	Pk	32.1	-24	0	50.96	-	-	74	-23.04	359	368	V
	*** 2.38996	42.86	Pk	32.1	-24	-24	26.96	54	-27.04	-	-	359	368	V
2	*** 2.38807	43.74	Pk	32.1	-24	0	51.84	-	-	74	-22.16	359	368	V
	*** 2.38807	43.74	Pk	32.1	-24	-24	27.84	54	-26.16	-	-	359	368	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)

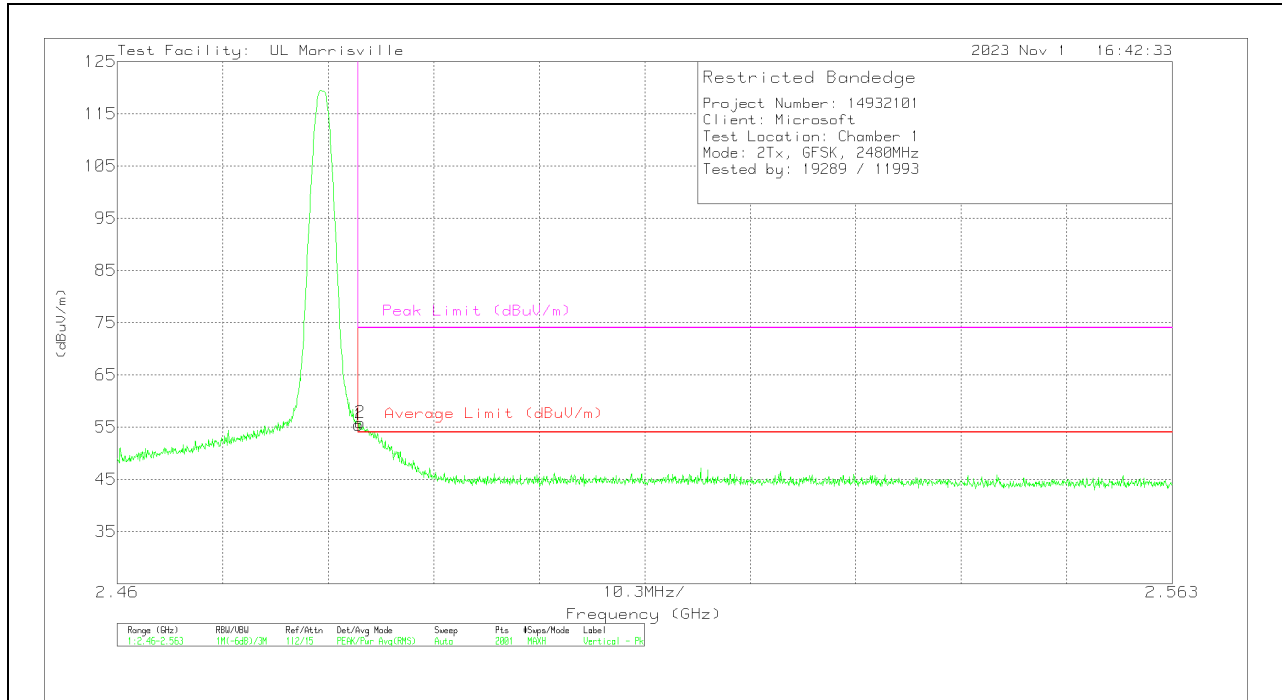
HORIZONTAL RESULT



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	42.75	Pk	32.3	-24.5	0	50.55	-	-	74	-23.45	15	385	H
	*** 2.48354	42.75	Pk	32.3	-24.5	-24	26.55	54	-27.45	-	-	15	385	H
2	*** 2.48359	44	Pk	32.3	-24.5	0	51.8	-	-	74	-22.2	15	385	H
	*** 2.48359	44	Pk	32.3	-24.5	-24	27.8	54	-26.2	-	-	15	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

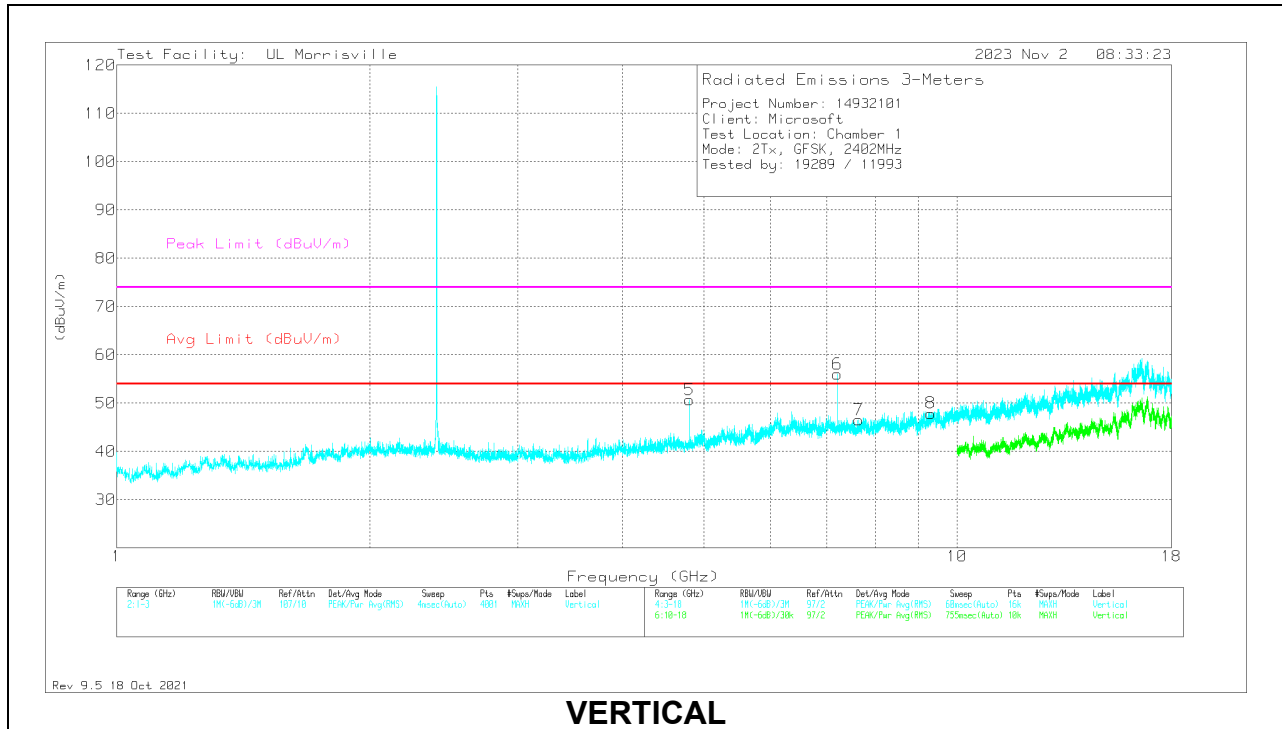
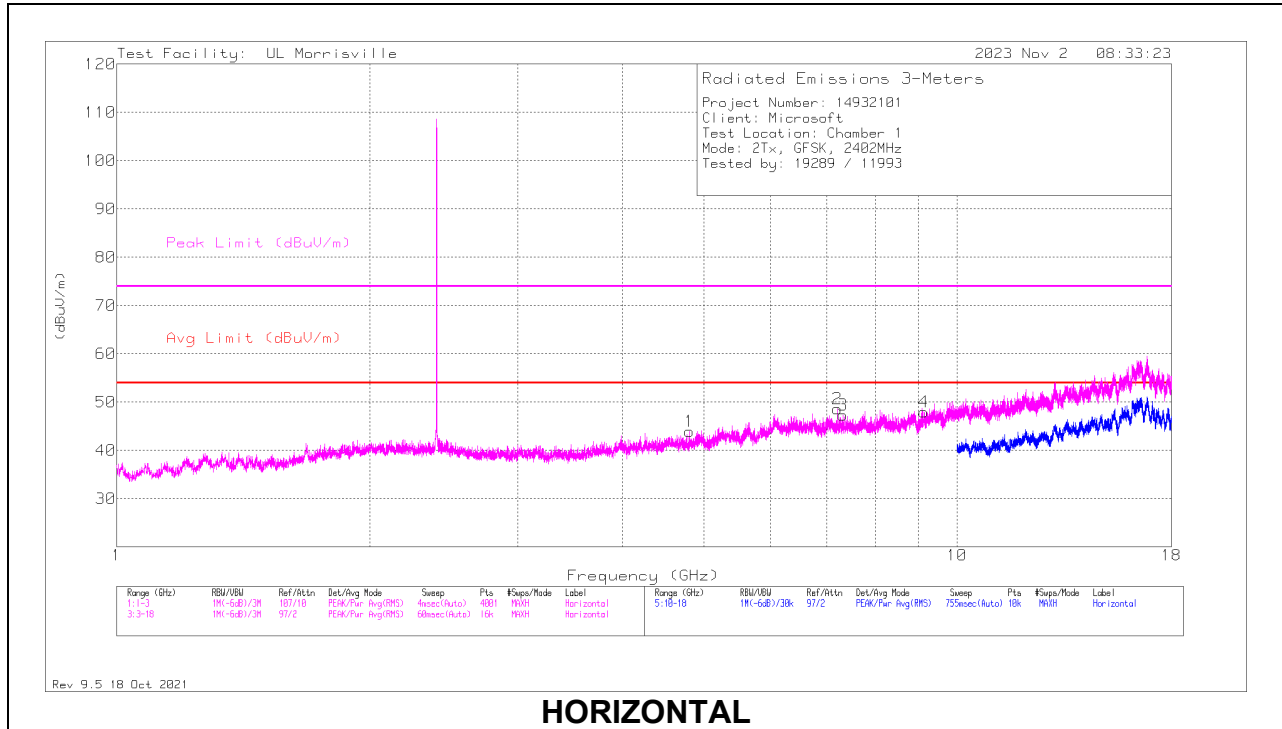


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	47.63	Pk	32.3	-24.5	0	55.43	-	-	74	-18.57	329	336	V
	** 2.48354	47.63	Pk	32.3	-24.5	-24	31.43	54	-22.57	-	-	329	336	V
2	*** 2.48374	48.06	Pk	32.3	-24.5	0	55.86	-	-	74	-18.14	329	336	V
	** 2.48374	48.06	Pk	32.3	-24.5	-24	31.86	54	-22.14	-	-	329	336	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	206211 (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	* ** 4.80375	39.96	Pk	34	-30	0	43.96	54	-10.04	74	-30.04	0-360	199	H
3	* ** 7.31906	38.39	Pk	35.6	-26.7	0	47.29	54	-6.71	74	-26.71	0-360	199	H
4	* ** 9.13688	36.74	Pk	36	-24.8	0	47.94	54	-6.06	74	-26.06	0-360	101	H
5	* ** 4.80428	48.56	PK2	34	-30	0	52.56	-	-	74	-21.44	330	278	V
	* ** 4.80428	48.56	PK2	34	-30	-24	28.56	54	-25.44	-	-	330	278	V
7	* ** 7.63594	37.44	Pk	35.7	-26.6	0	46.54	54	-7.46	74	-27.46	0-360	199	V
8	* ** 9.30938	37.41	Pk	36.2	-25.7	0	47.91	54	-6.09	74	-26.09	0-360	101	V
2	7.20563	40.07	Pk	35.6	-27.1	0	48.57	-	-	-	-	0-360	101	H
6	7.20563	47.49	Pk	35.6	-27.1	0	55.99	-	-	-	-	0-360	199	V

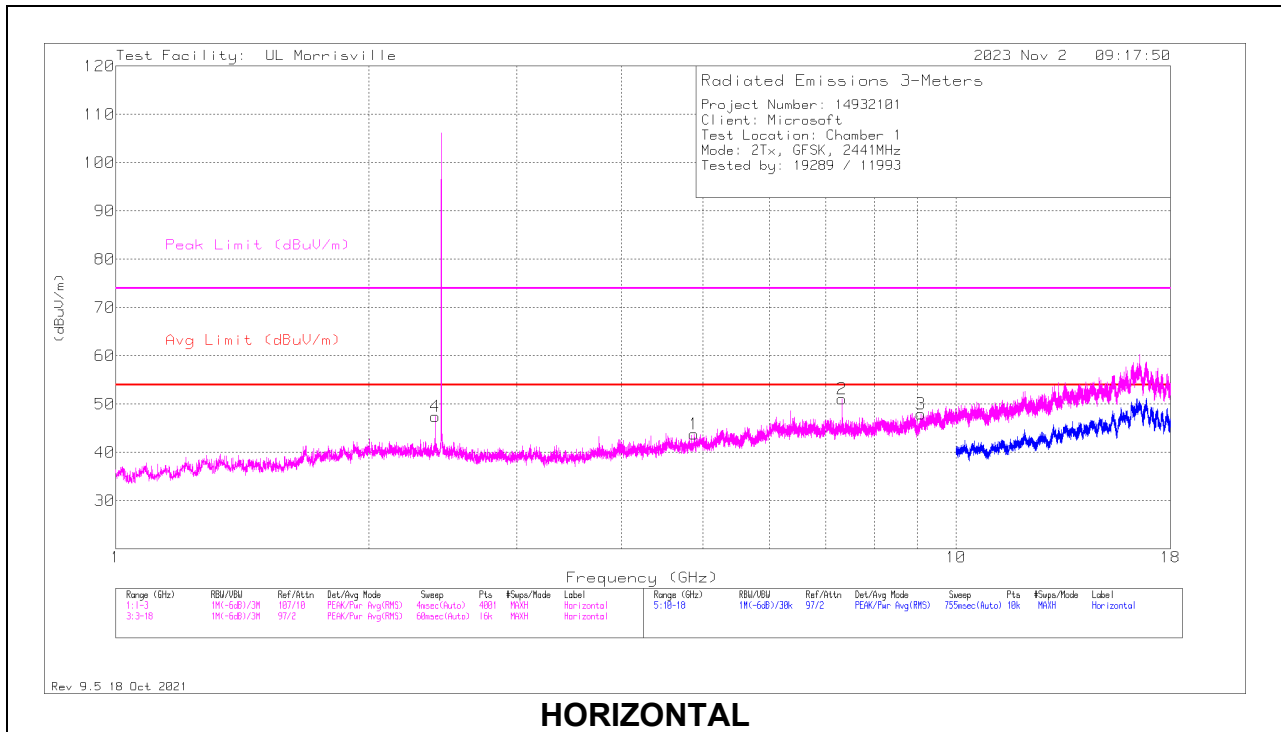
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

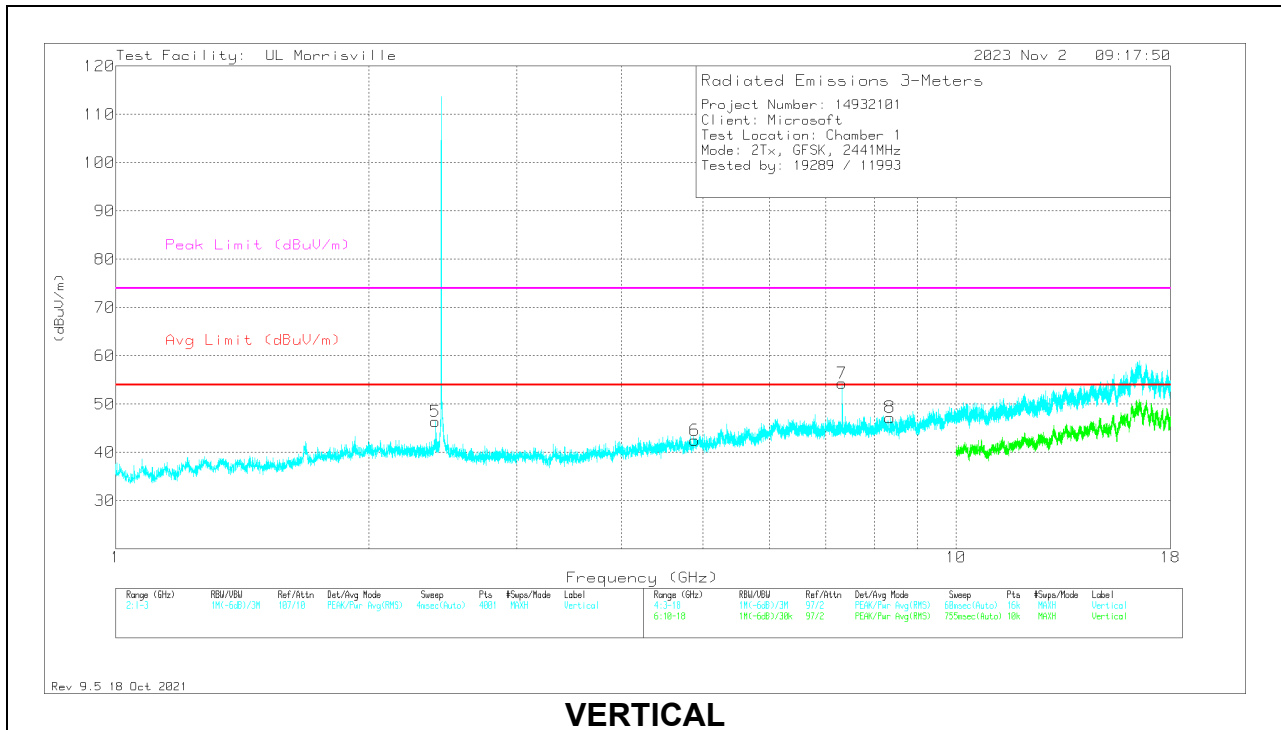
Pk - Peak detector

PK2 - Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	*** 4.88344	40.12	Pk	34	-30.3	0	43.82	54	-10.18	74	-30.18	0-360	101	H
2	*** 7.32325	46.54	PK2	35.6	-26.7	0	55.44	-	-	74	-18.56	295	108	H
	*** 7.32325	46.54	PK2	35.6	-26.7	-24	31.44	54	-22.56	-	-	295	108	H
3	*** 9.09	37.35	Pk	36	-25.4	0	47.95	54	-6.05	74	-26.05	0-360	200	H
6	*** 4.88719	38.72	Pk	34	-30.2	0	42.52	54	-11.48	74	-31.48	0-360	101	V
7	*** 7.32344	47.59	PK2	35.6	-26.6	0	56.59	-	-	74	-17.41	175	101	V
	*** 7.32344	47.59	PK2	35.6	-26.6	-24	32.59	54	-21.41	-	-	175	101	V
8	*** 8.34563	37.86	Pk	35.9	-26.5	0	47.26	54	-6.74	74	-26.74	0-360	200	V
5	2.4	38.61	Pk	32.1	-24.3	0	46.41	-	-	-	-	0-360	101	V
4	2.4005	39.63	Pk	32.1	-24.3	0	47.43	-	-	-	-	0-360	101	H

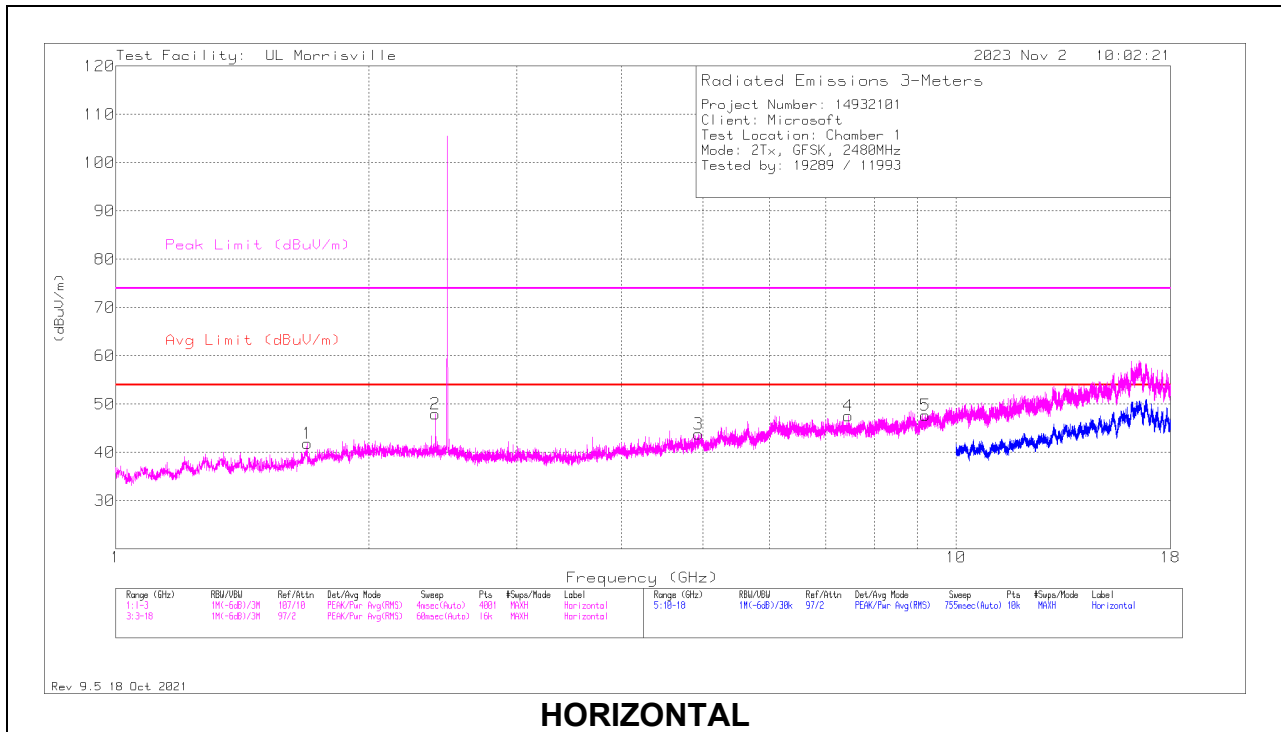
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

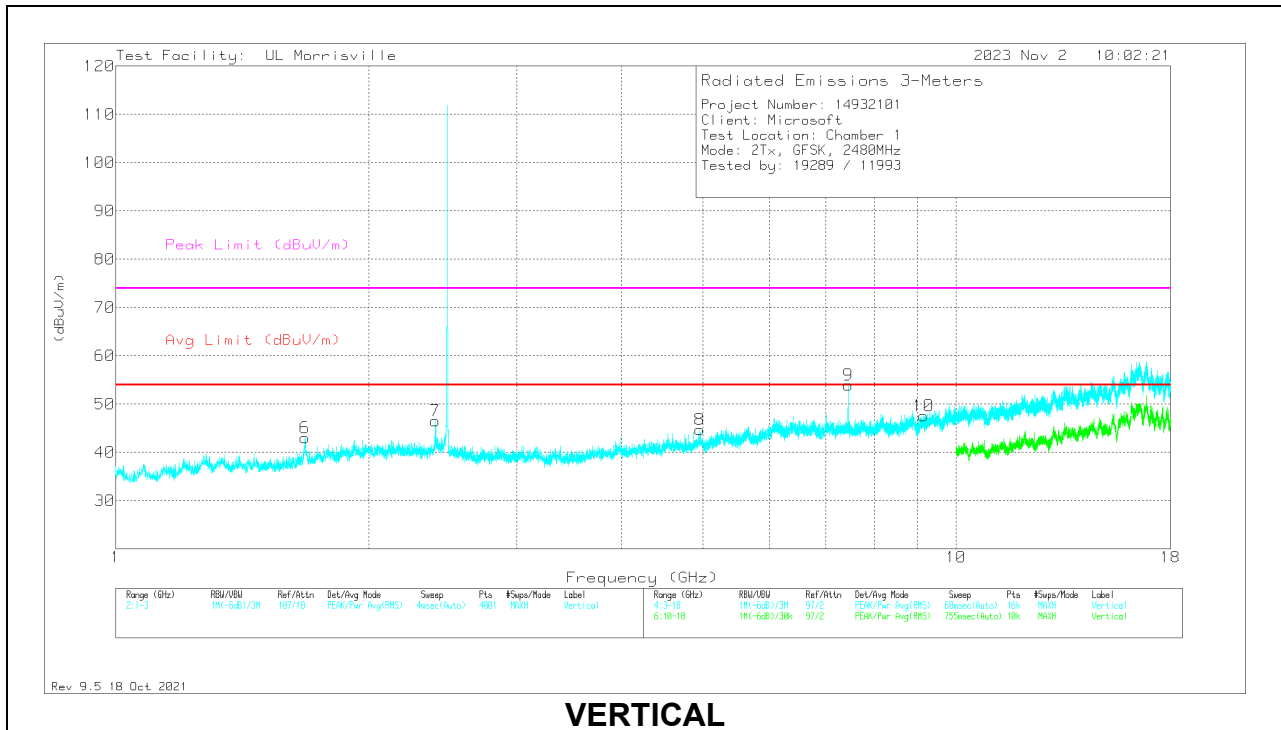
Pk - Peak detector

PK2 -Maximum Peak

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	*** 1.6905	35.23	Pk	29.1	-22.5	0	41.83	54	-12.17	74	-32.17	0-360	200	H
6	*** 1.6795	36.39	Pk	29	-22.4	0	42.99	54	-11.01	74	-31.01	0-360	199	V
3	*** 4.93969	40.36	Pk	34	-30.5	0	43.86	54	-10.14	74	-30.14	0-360	200	H
4	*** 7.43906	38.81	Pk	35.7	-26.9	0	47.61	54	-6.39	74	-26.39	0-360	200	H
5	*** 9.19406	37.17	Pk	36.1	-25.6	0	47.67	54	-6.33	74	-26.33	0-360	200	H
8	*** 4.95938	41.06	Pk	34	-30.3	0	44.76	54	-9.24	74	-29.24	0-360	200	V
9	*** 7.4396	49.02	PK2	35.7	-26.9	0	57.82	-	-	74	-16.18	357	200	V
	*** 7.4396	49.02	PK2	35.7	-26.9	-24	33.82	54	-20.18	-	-	357	200	V
10	*** 9.14438	36.41	Pk	36	-24.8	0	47.61	54	-6.39	74	-26.39	0-360	101	V
7	2.4	38.72	Pk	32.1	-24.3	0	46.52	-	-	-	-	0-360	101	V
2	2.4005	40.17	Pk	32.1	-24.3	0	47.97	-	-	-	-	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

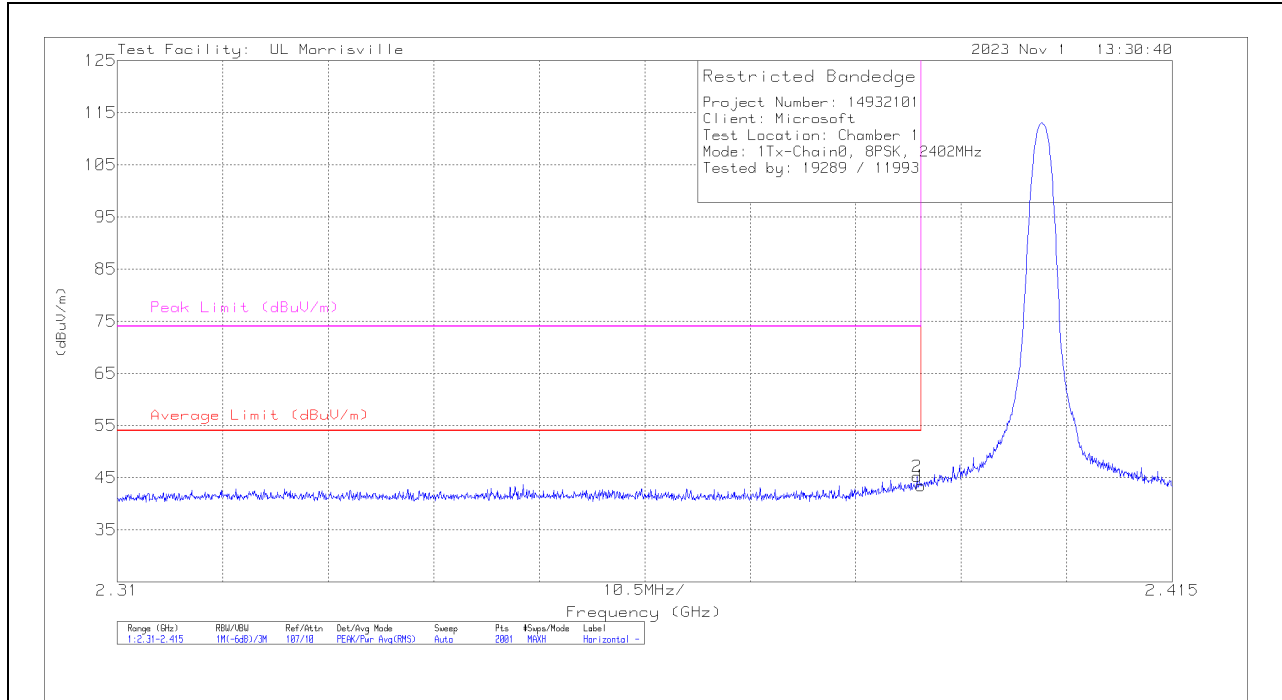
PK2 -Maximum Peak

11.1.2. BLUETOOTH ENHANCED DATA RATE 8PSK MODULATION

CHAIN 0

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



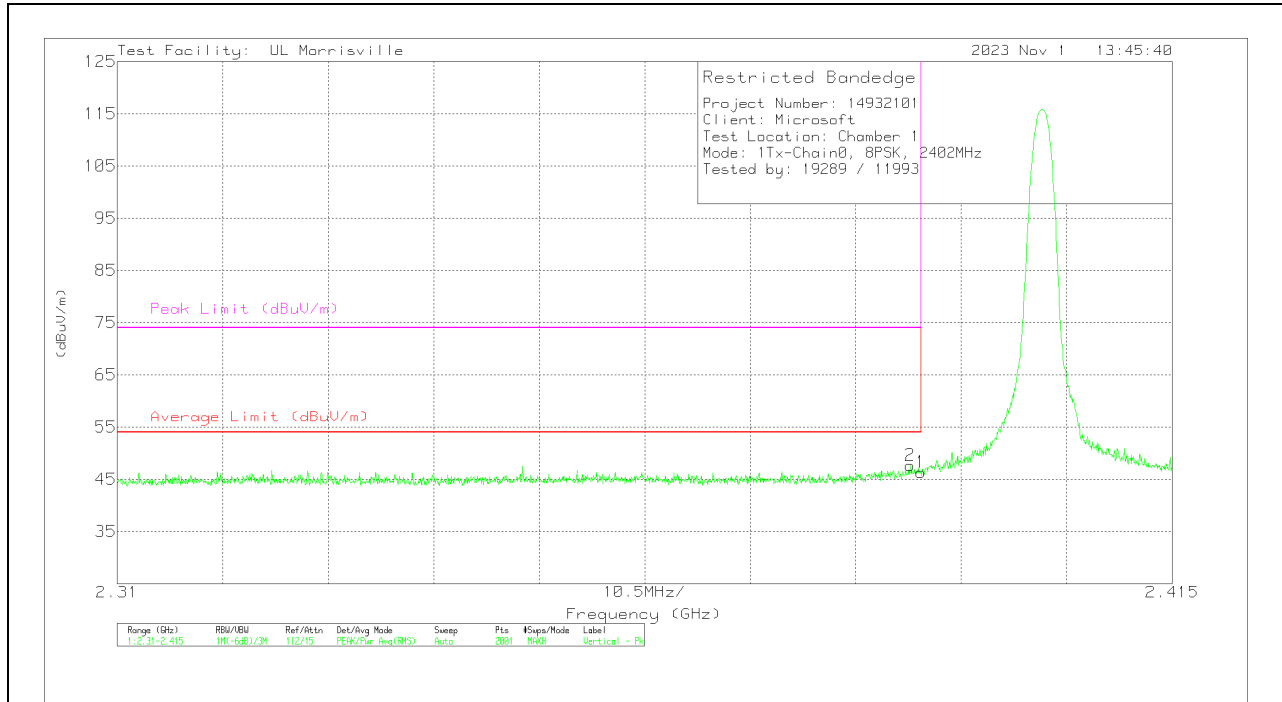
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	35.49	Pk	32.1	-24.2	0	43.39	-	-	74	-30.61	15	372	H
	*** 2.38996	35.49	Pk	32.1	-24.2	-24	19.39	54	-34.16		-	15	372	H
2	*** 2.38959	37.3	Pk	32.1	-24.2	0	45.2	-	-	74	-28.8	15	372	H
	*** 2.38959	37.3	Pk	32.1	-24.2	-24	21.2	54	-32.8	-	-	15	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

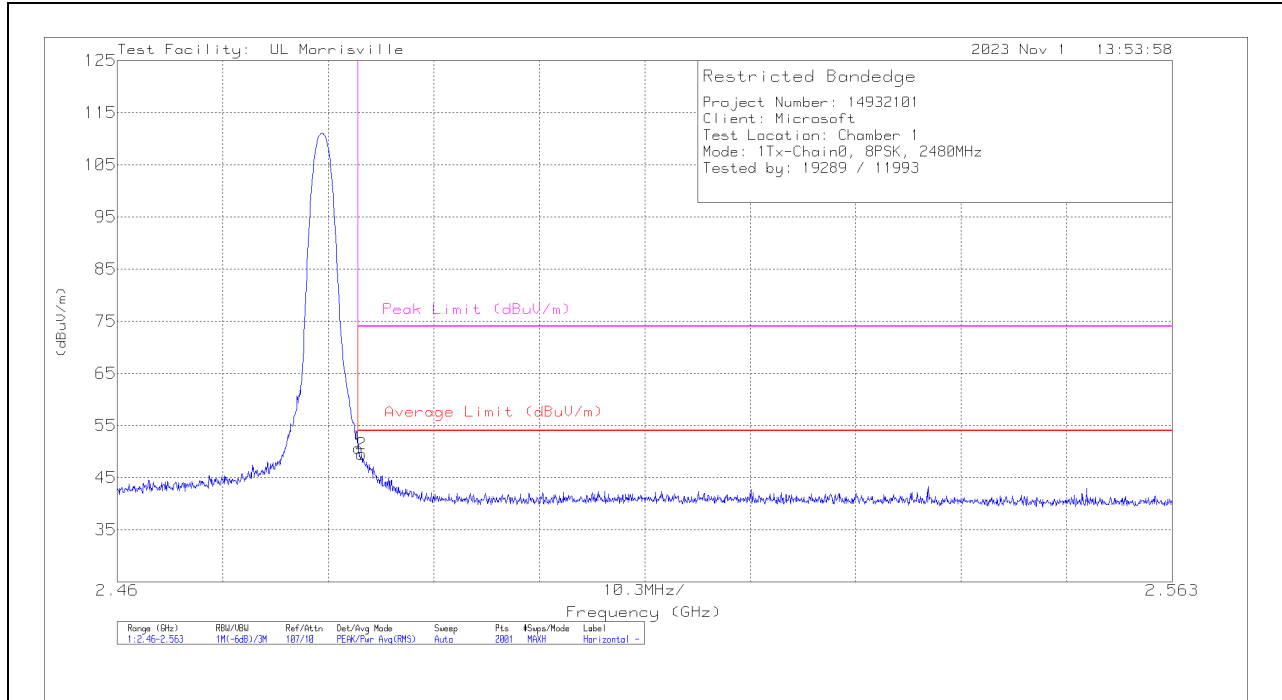


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	38.44	Pk	32.1	-24.2	0	46.34	-	-	74	-27.66	17	332	V
	*** 2.38996	38.44	Pk	32.1	-24.2	-24	22.34	54	-31.66	-	-	17	332	V
2	*** 2.38891	39.78	Pk	32.1	-24.2	0	47.68	-	-	74	-26.32	17	332	V
	*** 2.38891	39.78	Pk	32.1	-24.2	-24	23.68	54	-30.32	-	-	17	332	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)

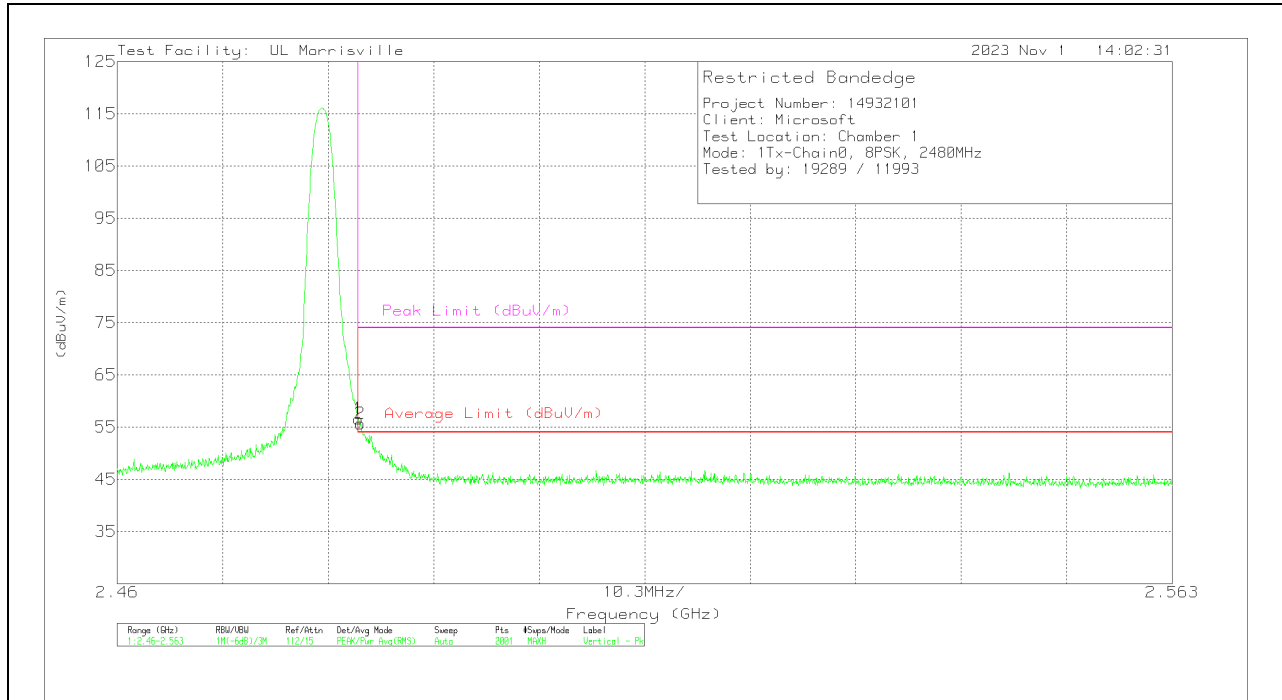
HORIZONTAL RESULT



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	42.88	Pk	32.3	-24.5	0	50.68	-	-	74	-23.32	17	391	H
	*** 2.48354	42.88	Pk	32.3	-24.5	-24	26.68	54	-27.32	-	-	17	391	H
2	*** 2.48384	41.72	Pk	32.3	-24.5	0	49.52	-	-	74	-24.48	17	391	H
	*** 2.48384	41.72	Pk	32.3	-24.5	-24	25.52	54	-28.48	-	--	17	391	H

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

VERTICAL RESULT

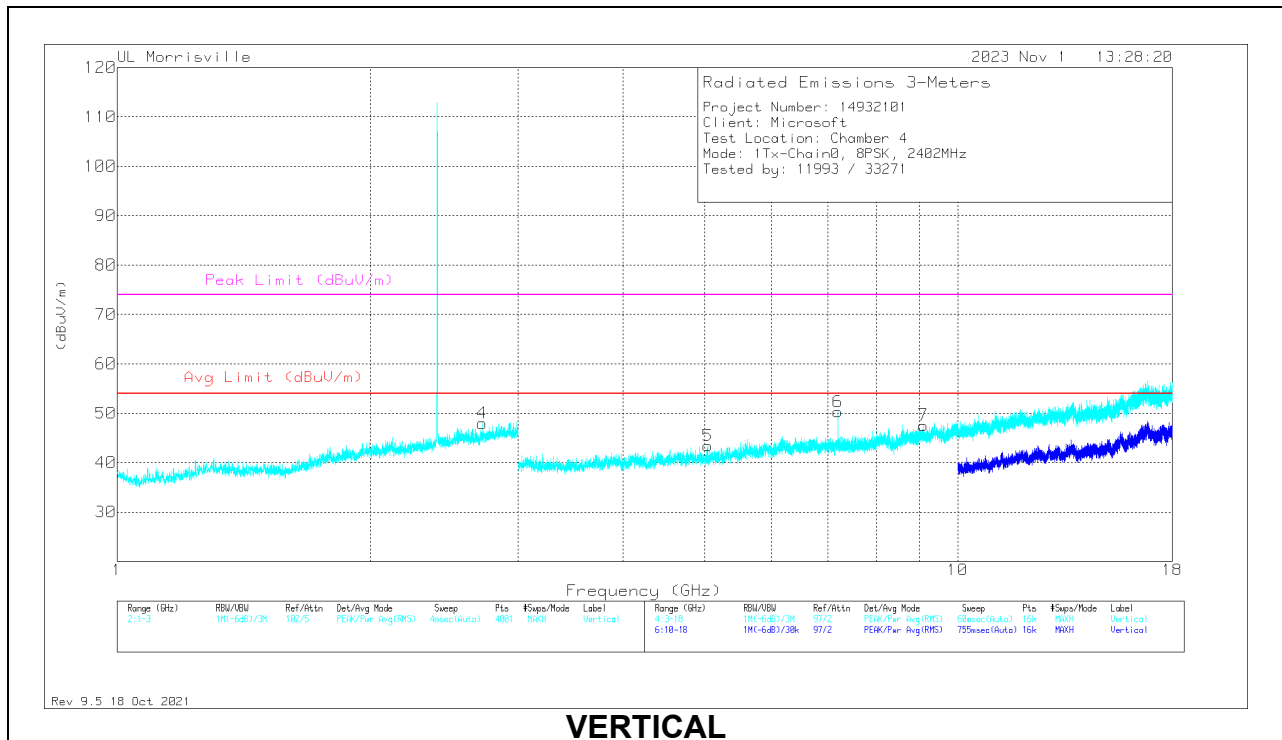
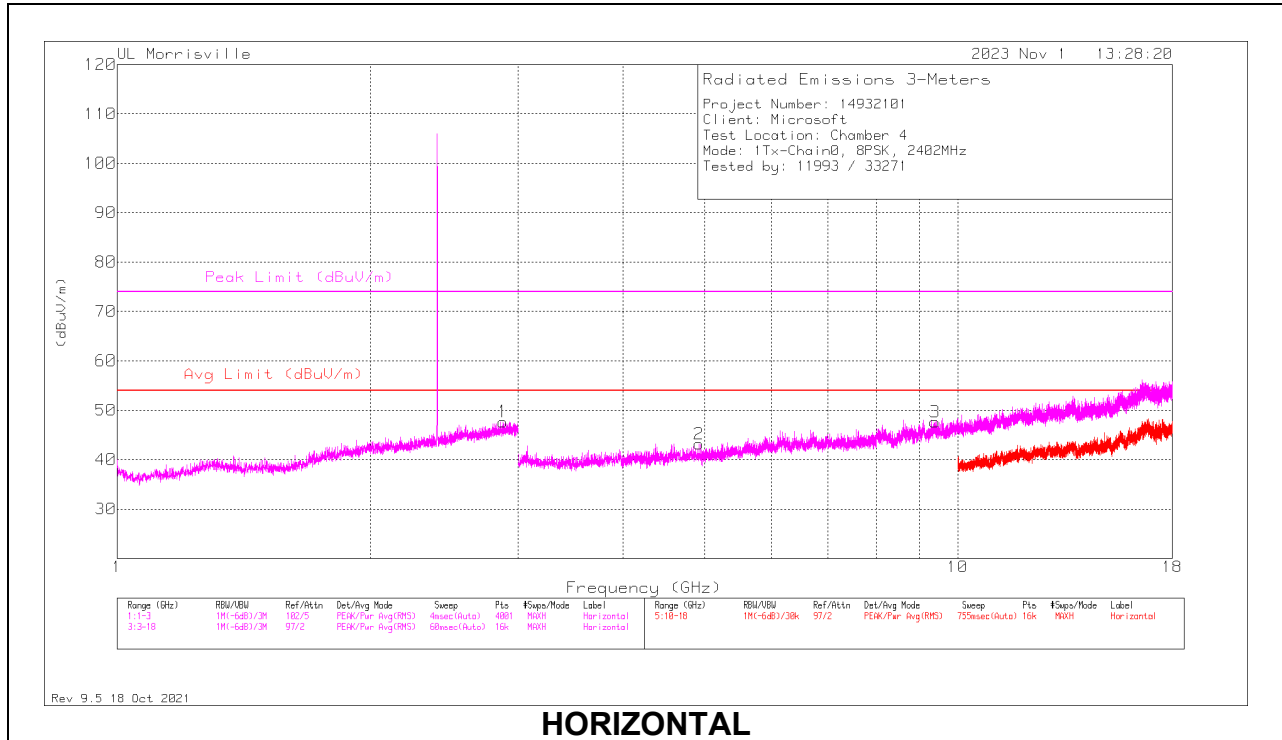


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	48.81	Pk	32.3	-24.5	0	56.61	-	-	74	-17.39	356	385	V
	*** 2.48354	48.81	Pk	32.3	-24.5	-24	32.61	54	-21.39	-	-	356	385	V
2	*** 2.48374	47.87	Pk	32.3	-24.5	0	55.67	-	-	74	-18.33	356	385	V
	*** 2.48374	47.87	Pk	32.3	-24.5	-24	31.67	54	-22.33	-	-	356	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)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.8775	27.26	Pk	32.4	-12	47.66	54	-6.34	74	-26.34	0-360	100	H
4	* ** 2.717	28.16	Pk	32.4	-12.6	47.96	54	-6.04	74	-26.04	0-360	200	V
2	* ** 4.92281	40.45	Pk	34	-31.3	43.15	54	-10.85	74	-30.85	0-360	100	H
3	* ** 9.3975	36.63	Pk	36.6	-25.6	47.63	54	-6.37	74	-26.37	0-360	100	H
5	* ** 5.04094	41.03	Pk	34.1	-31.7	43.43	54	-10.57	74	-30.57	0-360	200	V
7	* ** 9.09844	36.02	Pk	36.3	-24.8	47.52	54	-6.48	74	-26.48	0-360	200	V
6	7.20563	42.7	Pk	35.6	-28	50.3	-	-	-	-	0-360	200	V

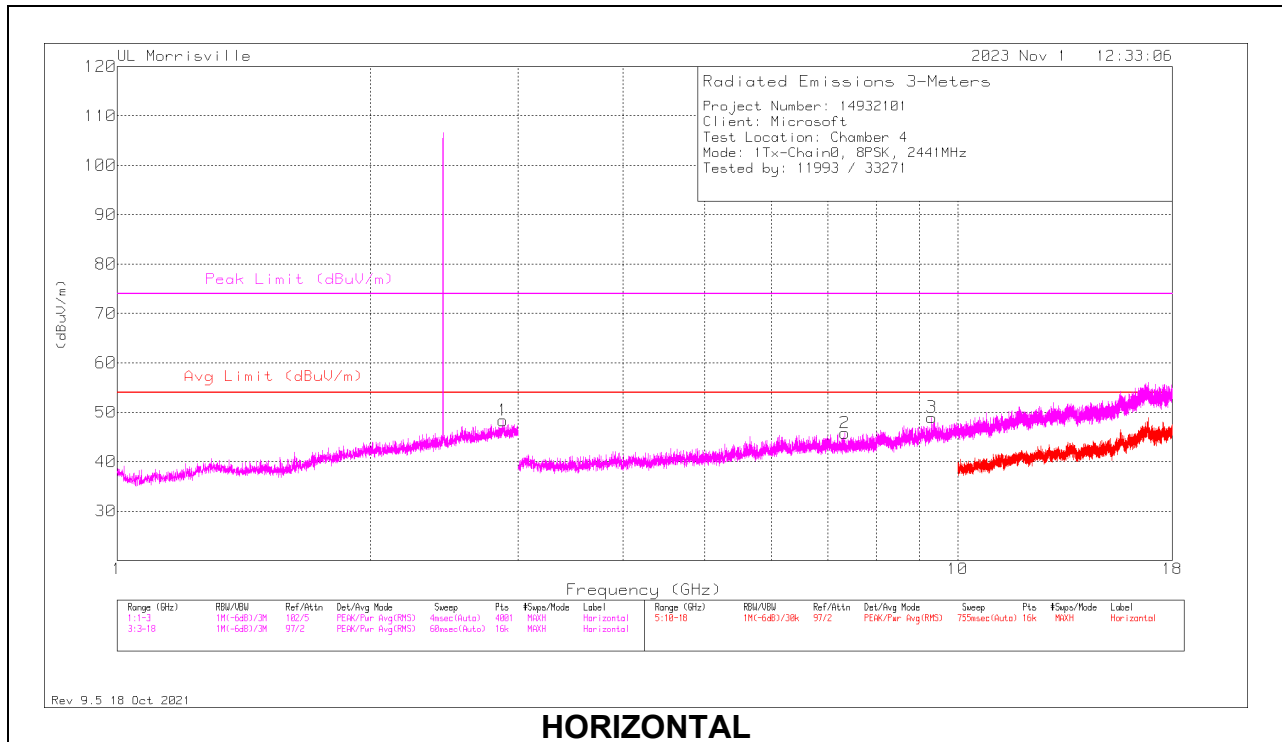
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

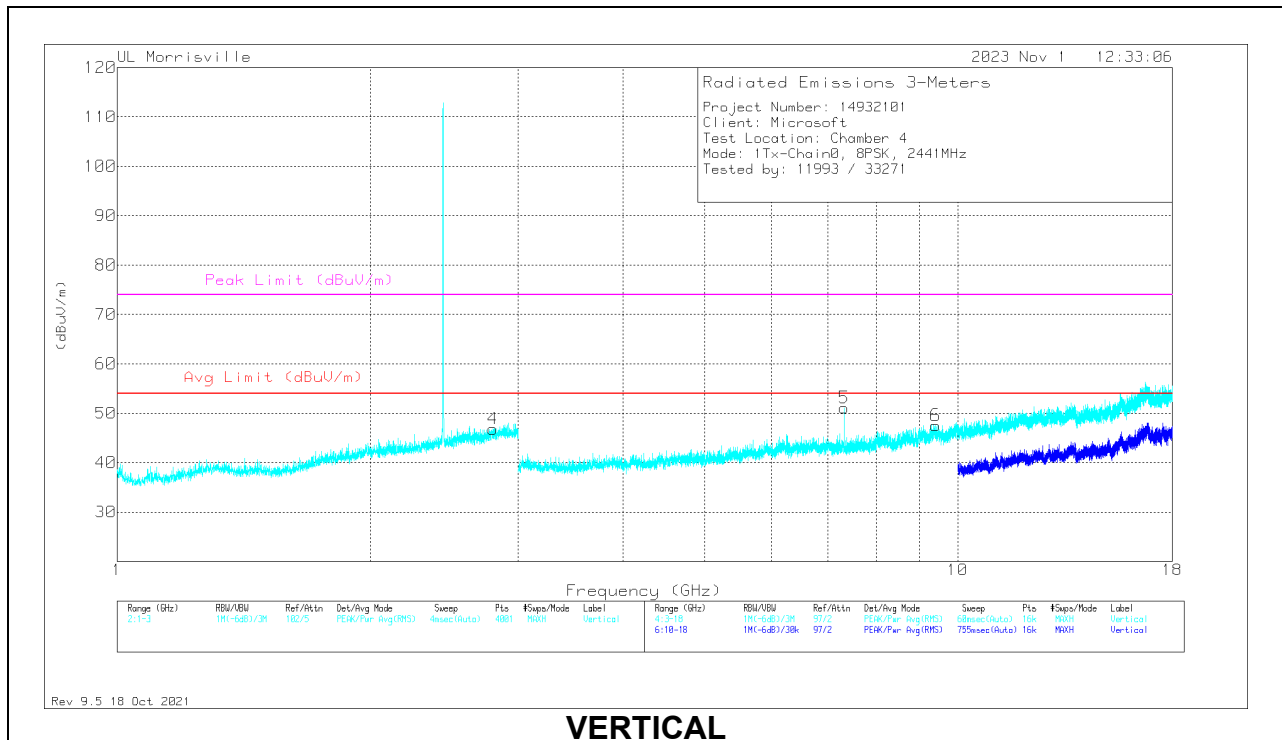
Pk - Peak detector

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	* ** 2.87411	28.74	PK2	32.4	-12.1	0	49.04	-	-	74	-24.96	260	208	H
	* ** 2.87411	28.74	PK2	32.4	-12.1	-24	24.04	54	-28.96	-	-	260	208	H
4	* ** 2.798	26.52	Pk	32.6	-12.3	0	46.82	54	-7.18	74	-27.18	0-360	200	V
2	* ** 7.34156	37.91	Pk	35.5	-27.6	0	45.81	54	-8.19	74	-28.19	0-360	100	H
3	* ** 9.31598	37.23	PK2	36.4	-25.1	0	48.53	-	-	74	-25.47	238	101	H
	* ** 9.31598	37.23	PK2	36.4	-25.1	-24	24.53	54	-29.47	-	-	238	101	H
5	* ** 7.32301	46.29	PK2	35.6	-28.2	0	53.69	-	-	74	-20.31	358	244	V
	* ** 7.32301	46.29	PK2	35.6	-28.2	-24	29.69	54	-24.31	-	-	358	244	V
6	* ** 9.41156	36.52	Pk	36.6	-25.6	0	47.52	54	-6.48	74	-26.48	0-360	200	V

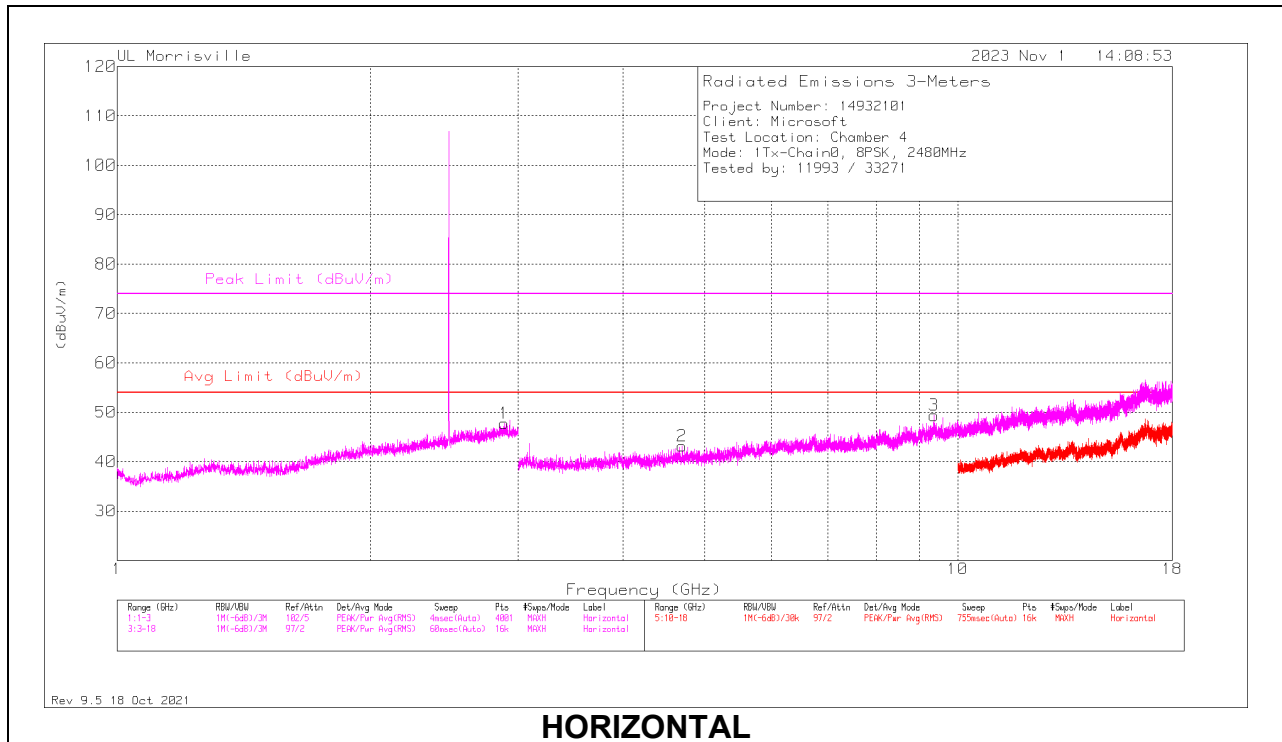
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

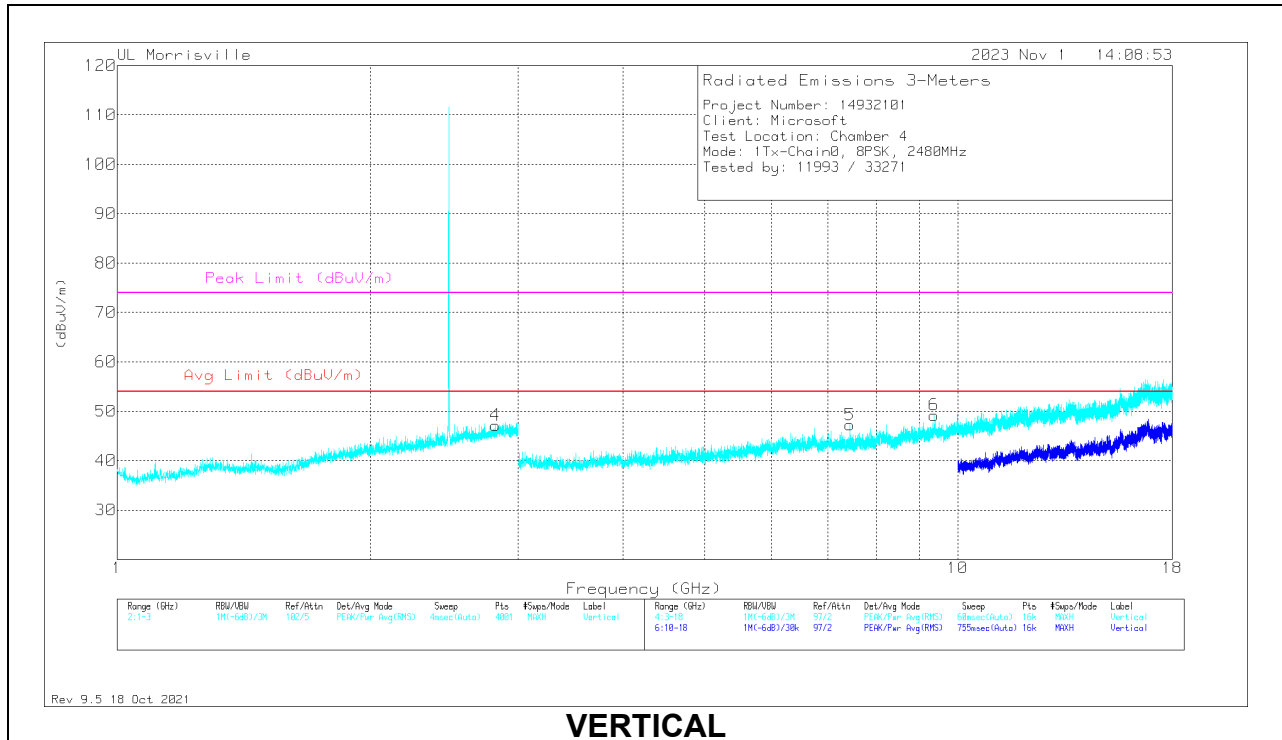
Pk - Peak detector

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	*** 2.886	27.33	Pk	32.5	-12.1	0	47.73	54	-6.27	74	-26.27	0-360	100	H
4	*** 2.8165	26.96	Pk	32.4	-12.2	0	47.16	54	-6.84	74	-26.84	0-360	200	V
2	*** 4.69688	40.47	Pk	34.1	-31.4	0	43.17	54	-10.83	74	-30.83	0-360	100	H
3	*** 9.37814	37.31	PK2	36.6	-25	0	48.91	-	-	74	-25.09	237	278	H
	*** 9.37814	37.31	PK2	36.6	-25	-24	24.91	54	-29.09	-	-	237	278	H
5	*** 7.44	39.54	Pk	35.7	-28	0	47.24	54	-6.76	74	-26.76	0-360	200	V
6	*** 9.37755	37.51	PK2	36.6	-25	0	49.11	-	-	74	-24.89	157	315	V
	*** 9.37755	37.51	PK2	36.6	-25	-24	25.11	54	-28.89	-	-	157	315	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

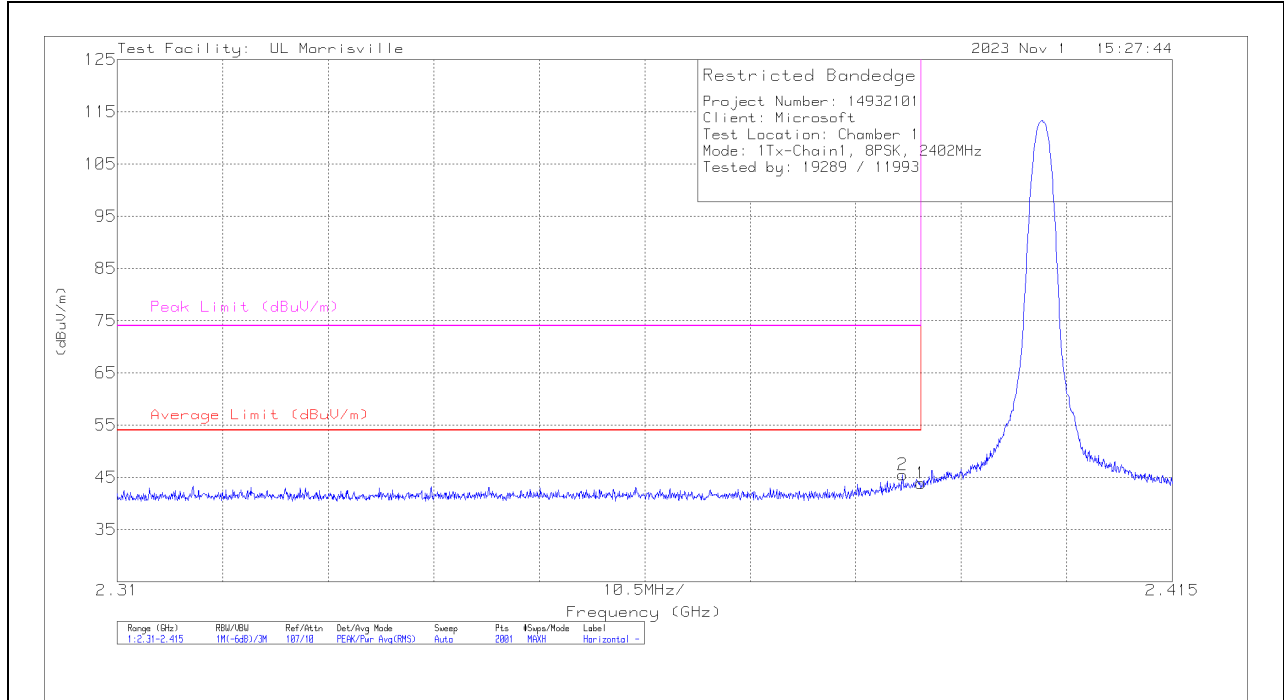
Pk - Peak detector

PK2 -Maximum Peak

CHAIN 1

BANDEDGE (LOW CHANNEL)

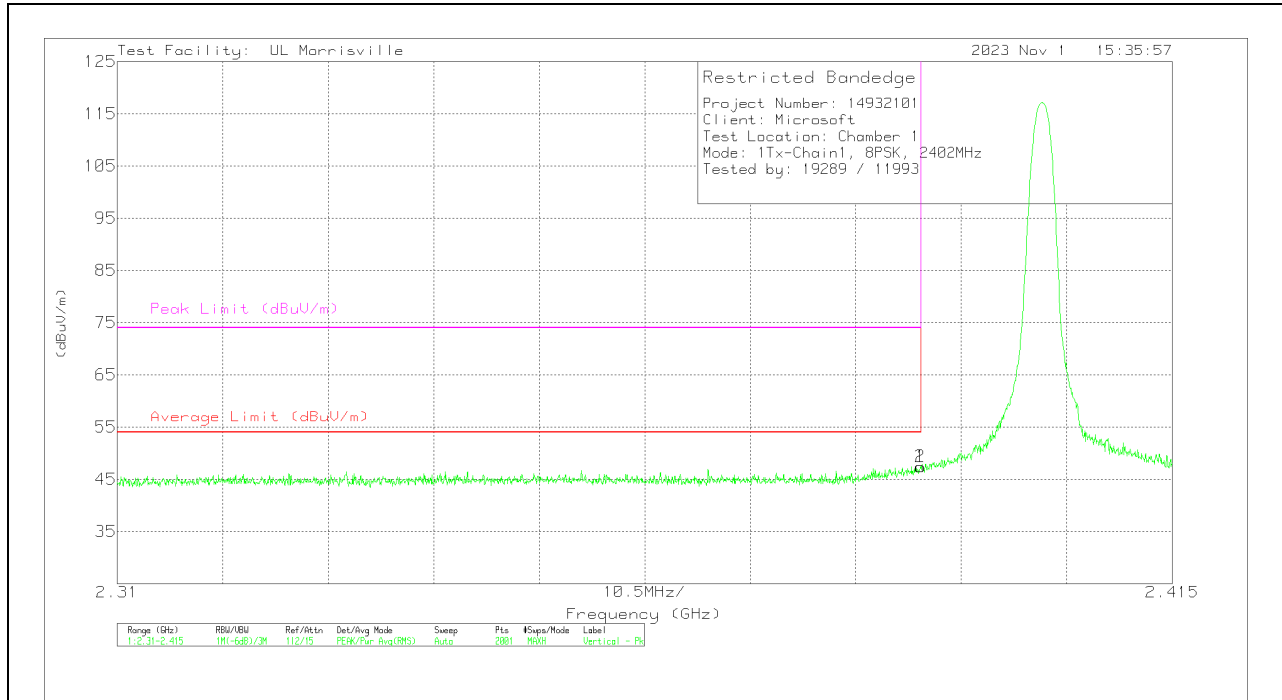
HORIZONTAL RESULT



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	35.95	Pk	32.1	-24.2	0	43.85	-	-	74	-30.15	21	372	H
	*** 2.38996	35.95	Pk	32.1	-24.2	-24	19.85	54	-34.15	-	-	21	372	H
2	*** 2.38817	37.6	Pk	32.1	-24.2	0	45.5	-	-	74	-28.5	21	372	H
	*** 2.38817	37.6	Pk	32.1	-24.2	-24	21.5	54	-32.5	-	-	21	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

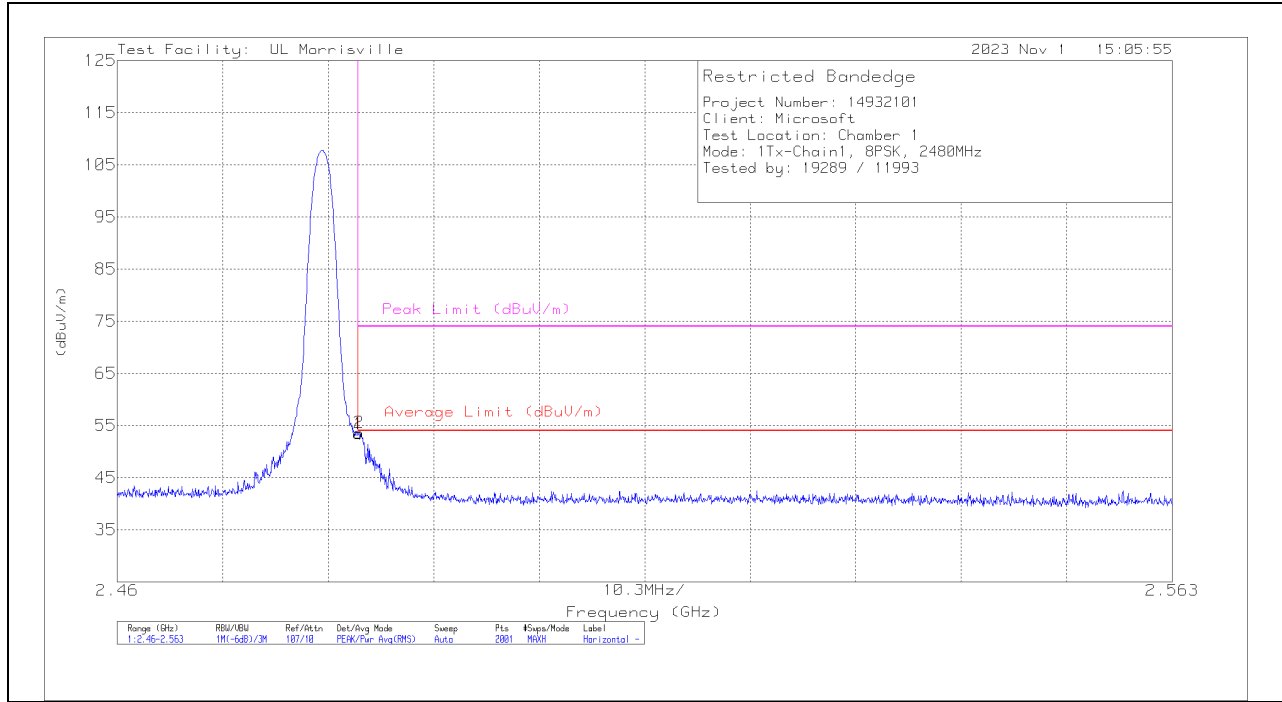


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	39.51	Pk	32.1	-24.2	0	47.41	-	-	74	-26.59	358	367	V
	*** 2.38996	39.51	Pk	32.1	-24.2	-24	23.41	54	-30.59	-	-	358	367	V
2	*** 2.38991	39.53	Pk	32.1	-24.2	0	47.43	-	-	74	-26.57	358	367	V
	*** 2.38991	39.53	Pk	32.1	-24.2	-24	23.43	54	-30.57	-	-	358	367	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)

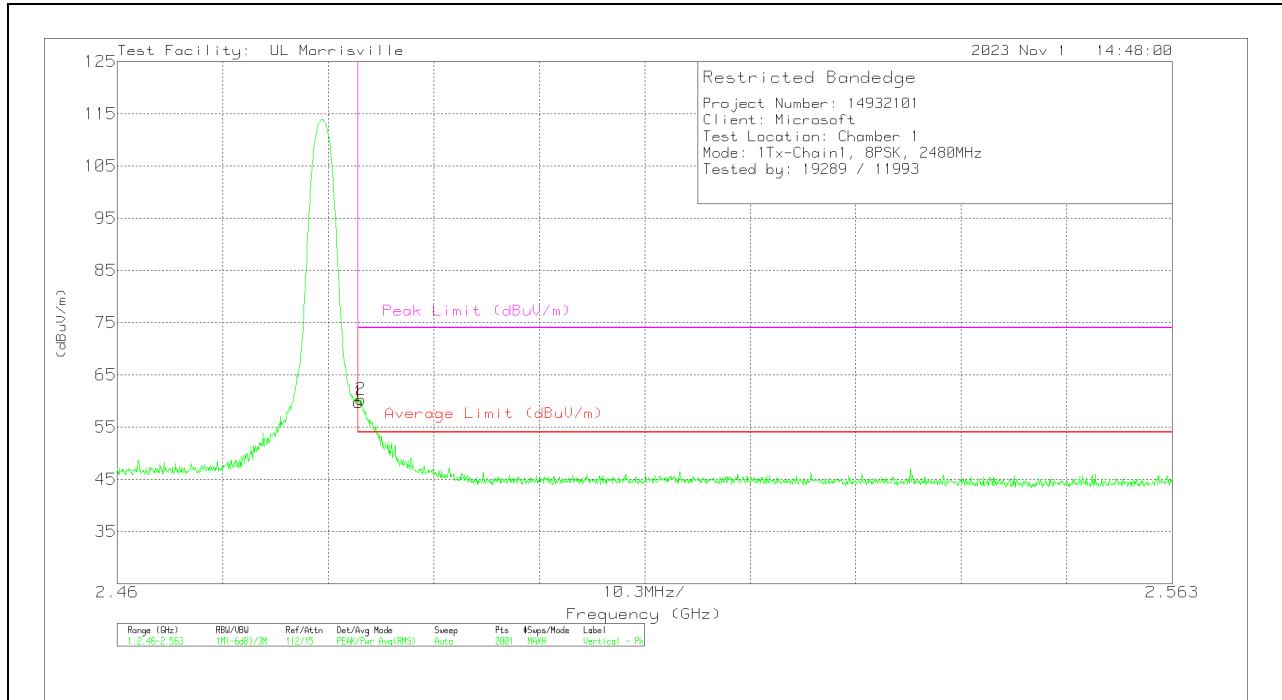
HORIZONTAL RESULT



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	45.61	Pk	32.3	-24.5	0	53.41	-	-	74	-20.59	280	397	H
	*** 2.48354	45.61	Pk	32.3	-24.5	-24	29.41	54	-24.59	-	-	280	397	H
2	*** 2.48359	45.8	Pk	32.3	-24.5	0	53.6	-	-	74	-20.4	280	397	H
	*** 2.48359	45.8	Pk	32.3	-24.5	-24	29.6	54	-24.4	-	-	280	397	H

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

VERTICAL RESULT

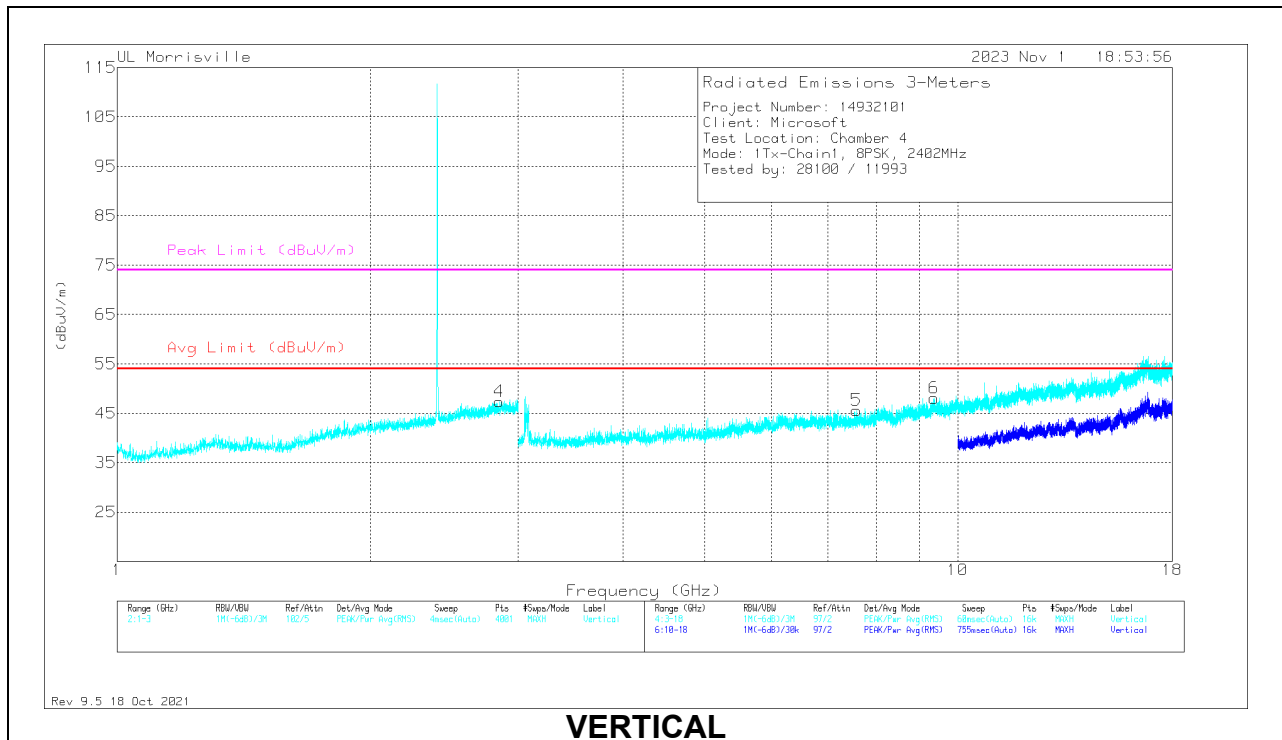
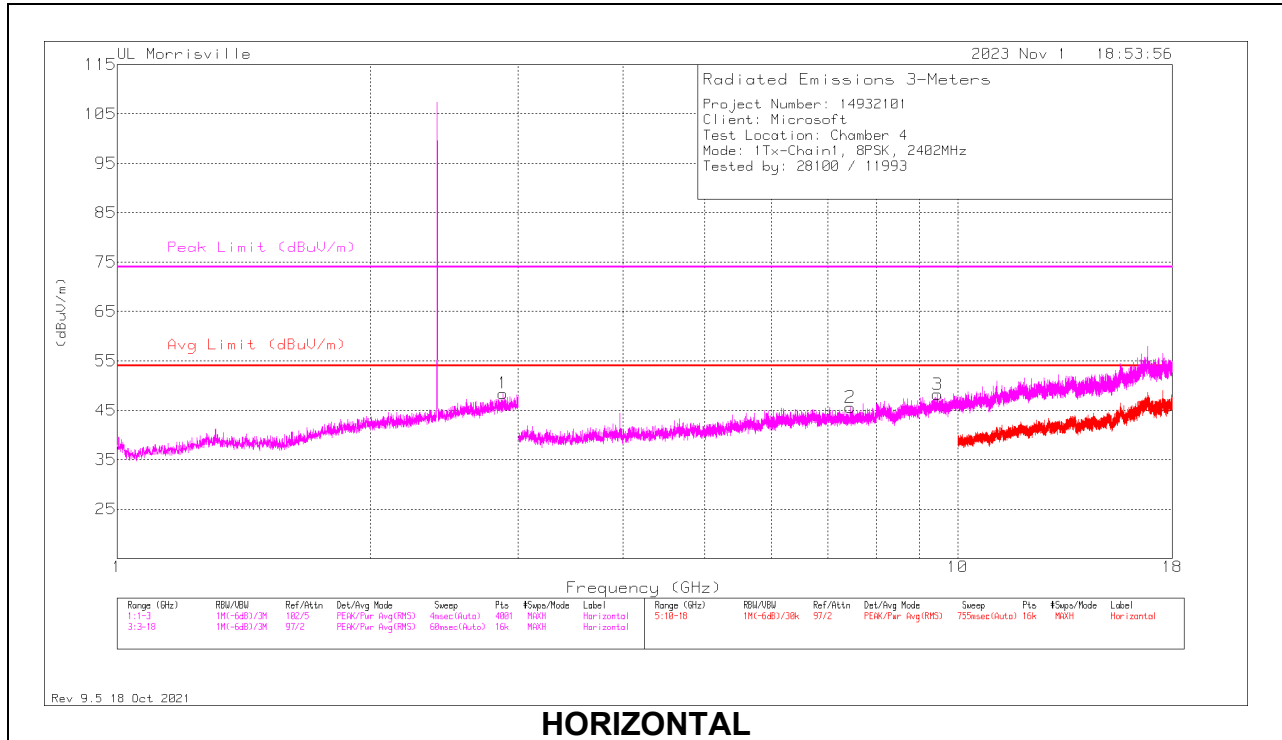


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	51.97	Pk	32.3	-24.5	0	59.77	-	-	74	-14.23	286	386	V
	** 2.48354	51.97	Pk	32.3	-24.5	-24	35.77	54	-18.23	-	-	286	386	V
2	*** 2.48379	52.52	Pk	32.3	-24.5	0	60.32	-	-	74	-13.68	286	386	V
	** 2.48379	52.52	Pk	32.3	-24.5	-24	36.32	54	-17.68	-	-	286	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

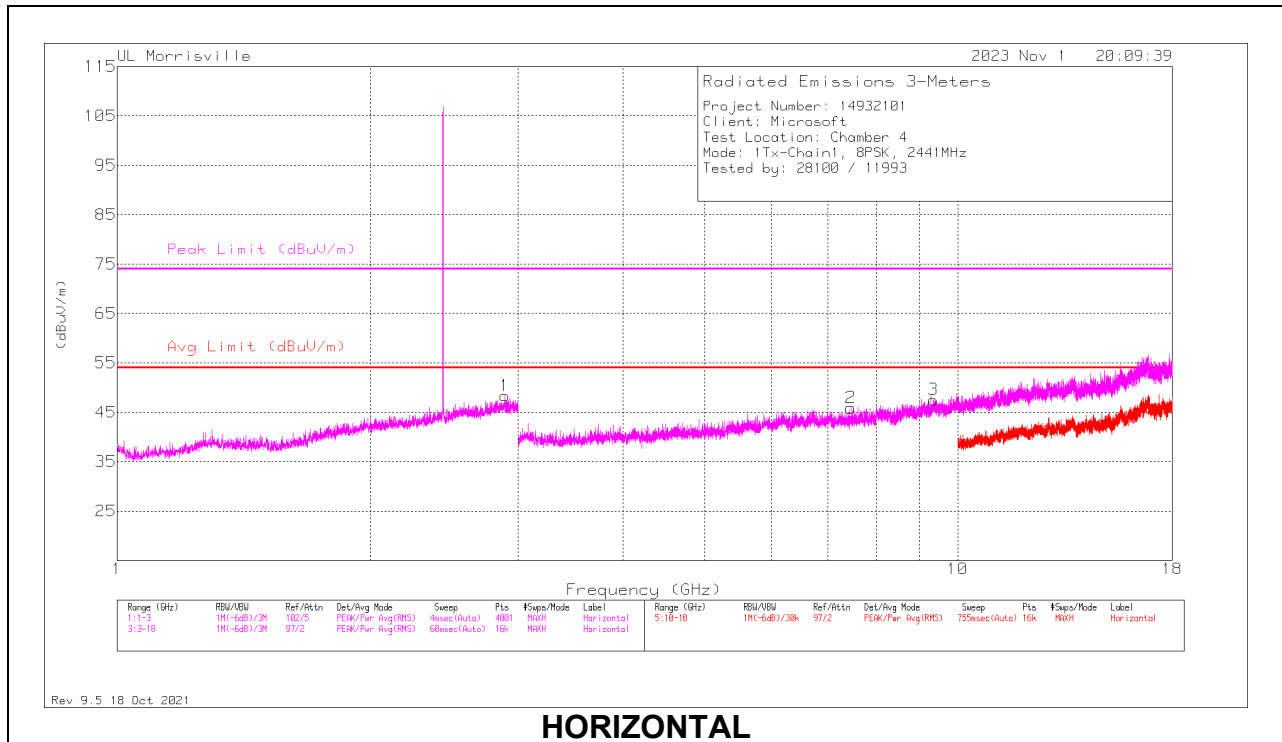


RADIATED EMISSIONS

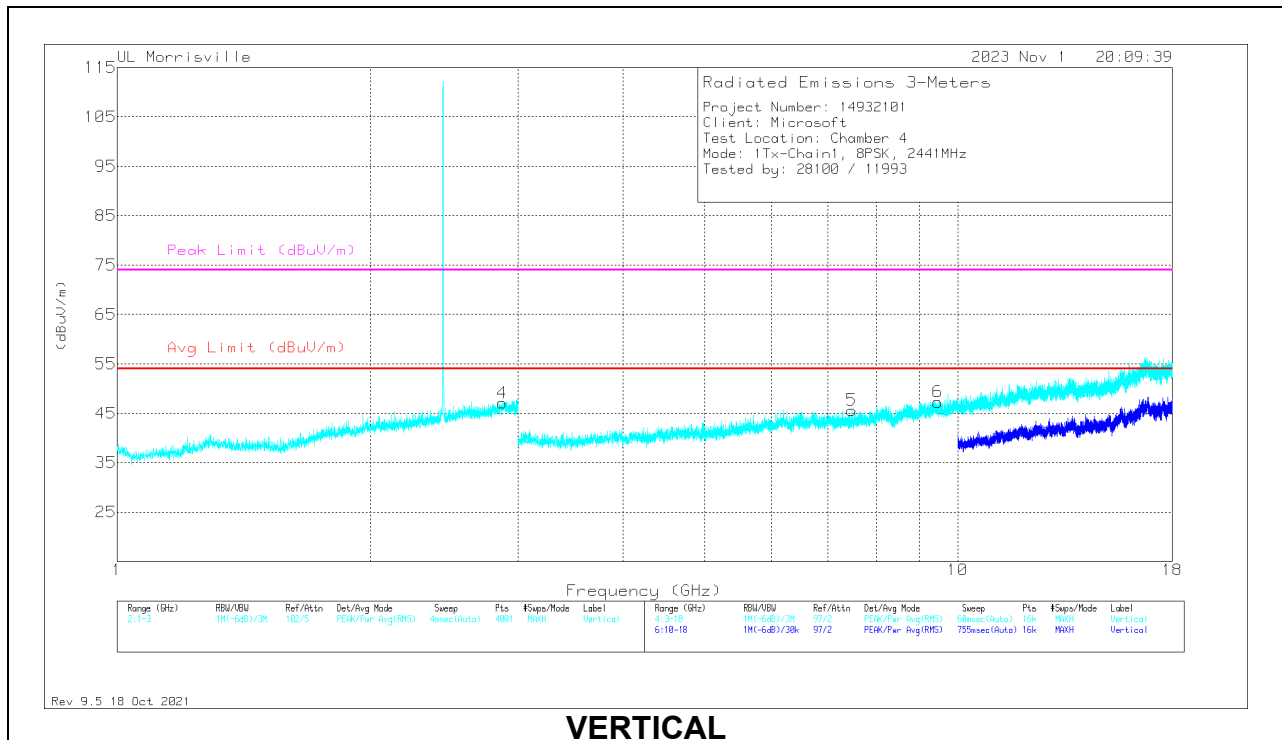
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	89509 ACF (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 2.87456	28.45	PK2	32.4	-12.1	0	48.75	-	-	74	-25.25	257	246	H
	* ** 2.87456	28.45	PK2	32.4	-12.1	-24	24.75	54	-29.25	-	-	257	246	H
4	* ** 2.8475	27.18	Pk	32.4	-12.2	0	47.38	54	-6.62	74	-26.62	0-360	200	V
2	* ** 7.44938	37.69	Pk	35.7	-27.8	0	45.59	54	-8.41	74	-28.41	0-360	100	H
3	* ** 9.46104	37.1	PK2	36.7	-25.9	0	47.9	-	-	74	-26.1	176	101	H
	* ** 9.46104	37.1	PK2	36.7	-25.9	-24	23.9	54	-30.1	-	-	176	101	H
5	* ** 7.57781	37.51	Pk	35.7	-27.6	0	45.61	54	-8.39	74	-28.39	0-360	200	V
6	* ** 9.37829	37.21	PK2	36.6	-25	0	48.81	-	-	74	-25.19	177	196	V
	* ** 9.37829	37.21	PK2	36.6	-25	-24	24.81	54	-29.19	-	-	177	196	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	* ** 2.89268	28.44	PK2	32.5	-12.2	0	48.74	-	-	74	-25.26	97	182	H
	* ** 2.89268	28.44	PK2	32.5	-12.2	-24	24.74	54	-29.26	-	-	97	182	H
4	* ** 2.873	26.89	Pk	32.4	-12.2	0	47.09	54	-6.91	74	-26.91	0-360	200	V
2	* ** 7.46156	38.01	Pk	35.7	-27.8	0	45.91	54	-8.09	74	-28.09	0-360	100	H
3	* ** 9.35719	35.84	Pk	36.5	-24.8	0	47.54	54	-6.46	74	-26.46	0-360	100	H
5	* ** 7.48219	38.01	Pk	35.6	-28	0	45.61	54	-8.39	74	-28.39	0-360	200	V
6	* ** 9.47063	36.09	Pk	36.7	-25.5	0	47.29	54	-6.71	74	-26.71	0-360	200	V

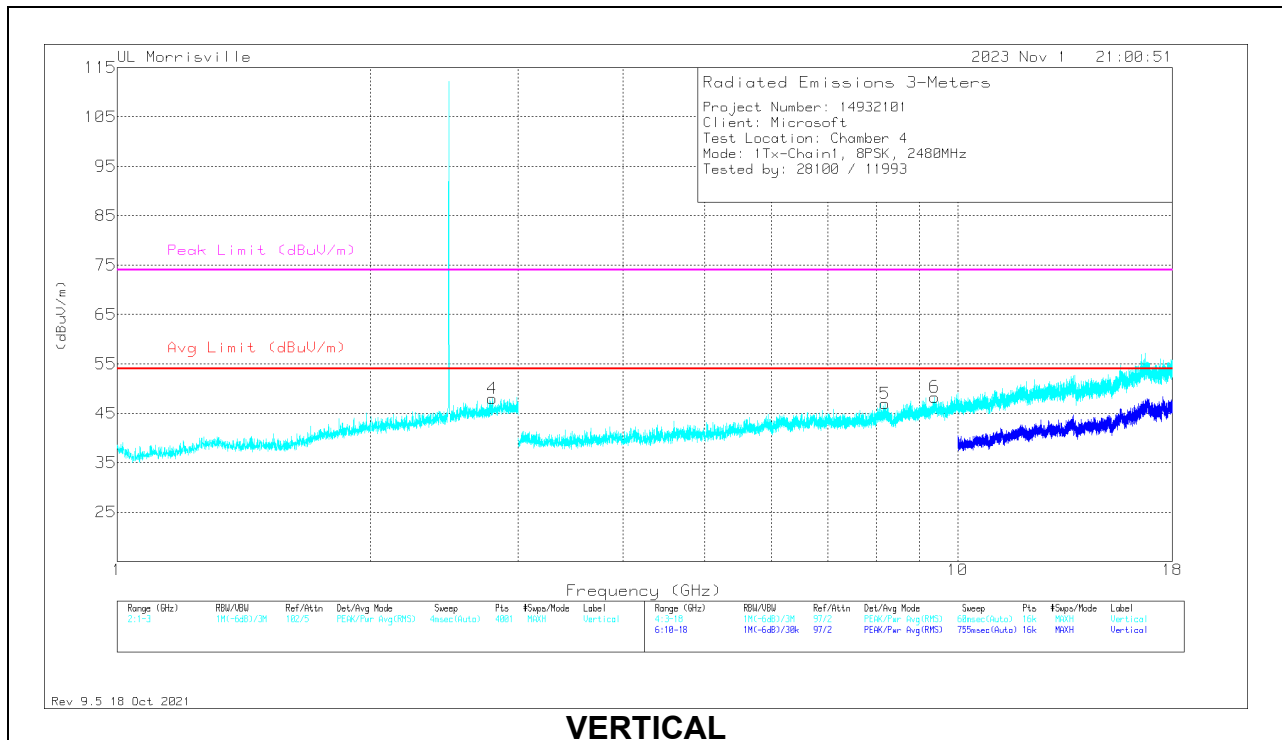
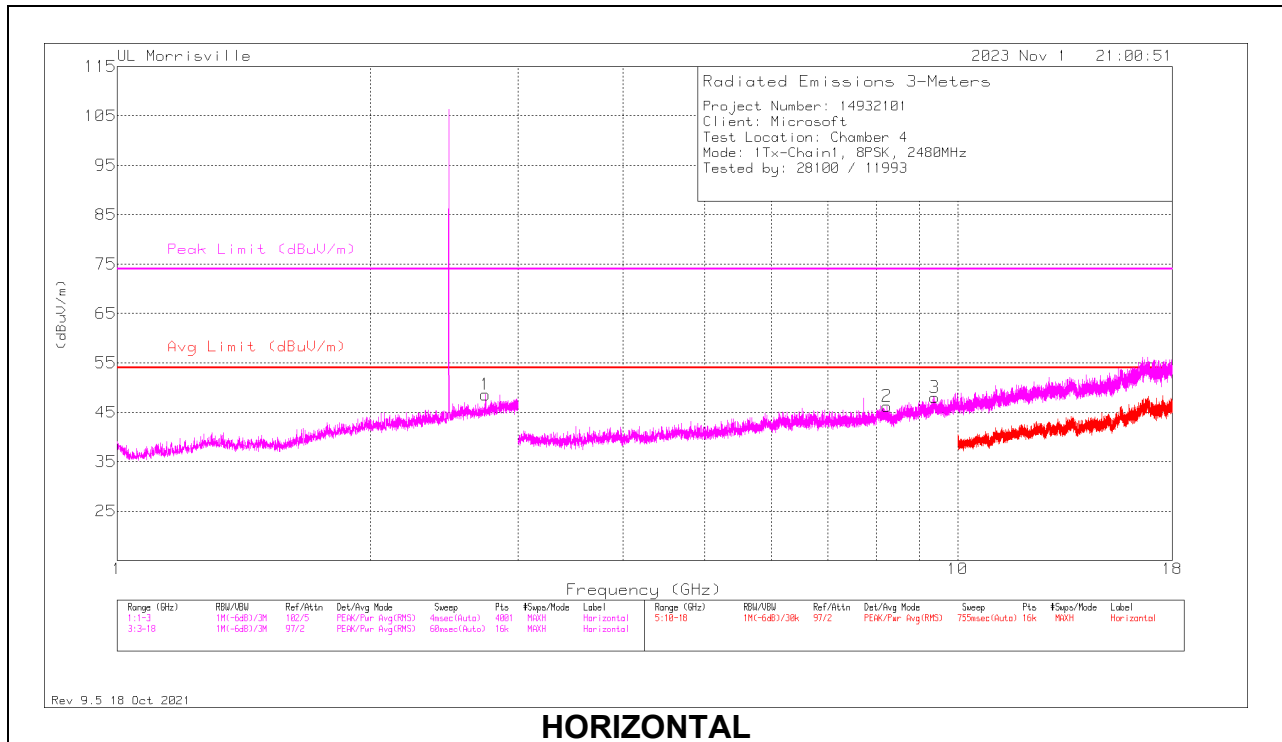
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

PK2 -Maximum Peak

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	*** 2.74123	29.94	PK2	32.5	-12.4	0	50.04	-	-	74	-23.96	30	255	H
	*** 2.74123	29.94	PK2	32.5	-12.4	-24	26.04	54	-27.96	-	-	30	255	H
4	*** 2.7935	27.76	Pk	32.6	-12.4	0	47.96	54	-6.04	74	-26.04	0-360	200	V
2	*** 8.23406	37.23	Pk	35.8	-26.8	0	46.23	54	-7.77	74	-27.77	0-360	100	H
3	*** 9.39	36.99	Pk	36.6	-25.6	0	47.99	54	-6.01	74	-26.01	0-360	100	H
5	*** 8.19844	37.85	Pk	35.8	-26.7	0	46.95	54	-7.05	74	-27.05	0-360	200	V
6	** 9.38815	37.73	PK2	36.6	-25.4	0	48.93	-	-	74	-25.07	3	312	V
	*** 9.38815	37.73	PK2	36.6	-25.4	-24	24.93	54	-29.07	-	-	3	312	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

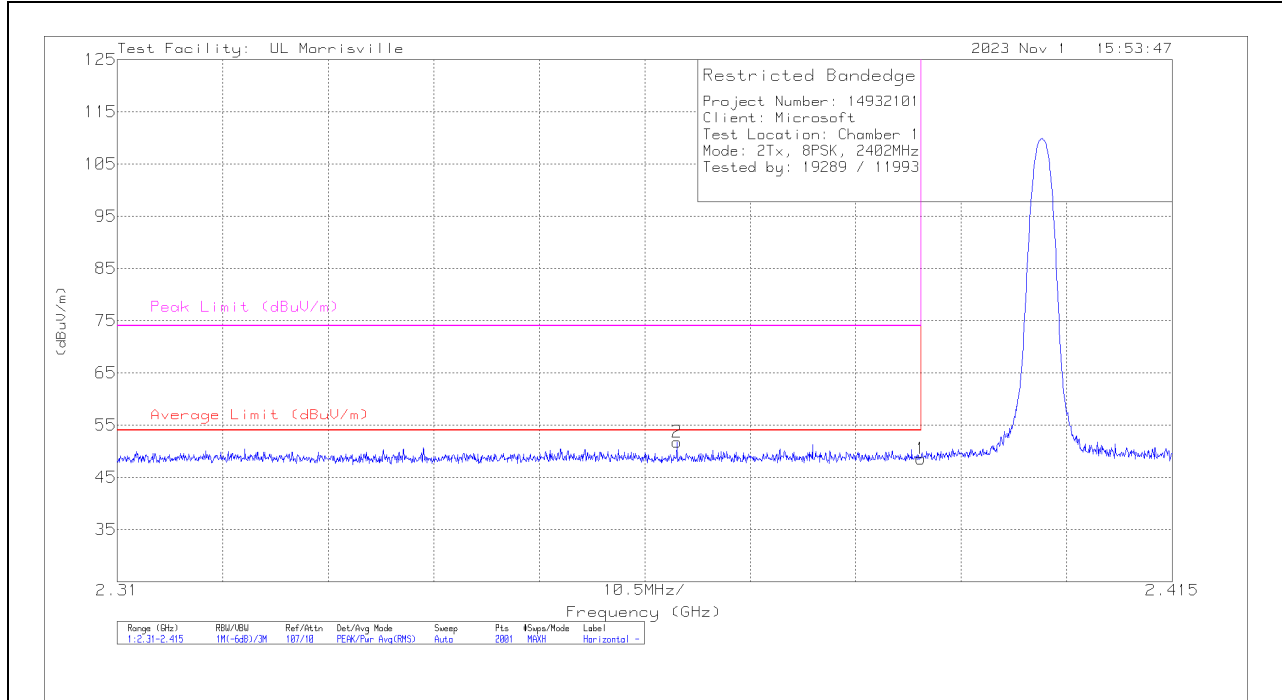
Pk - Peak detector

PK2 -Maximum Peak

2Tx

BANDEDGE (LOW CHANNEL)

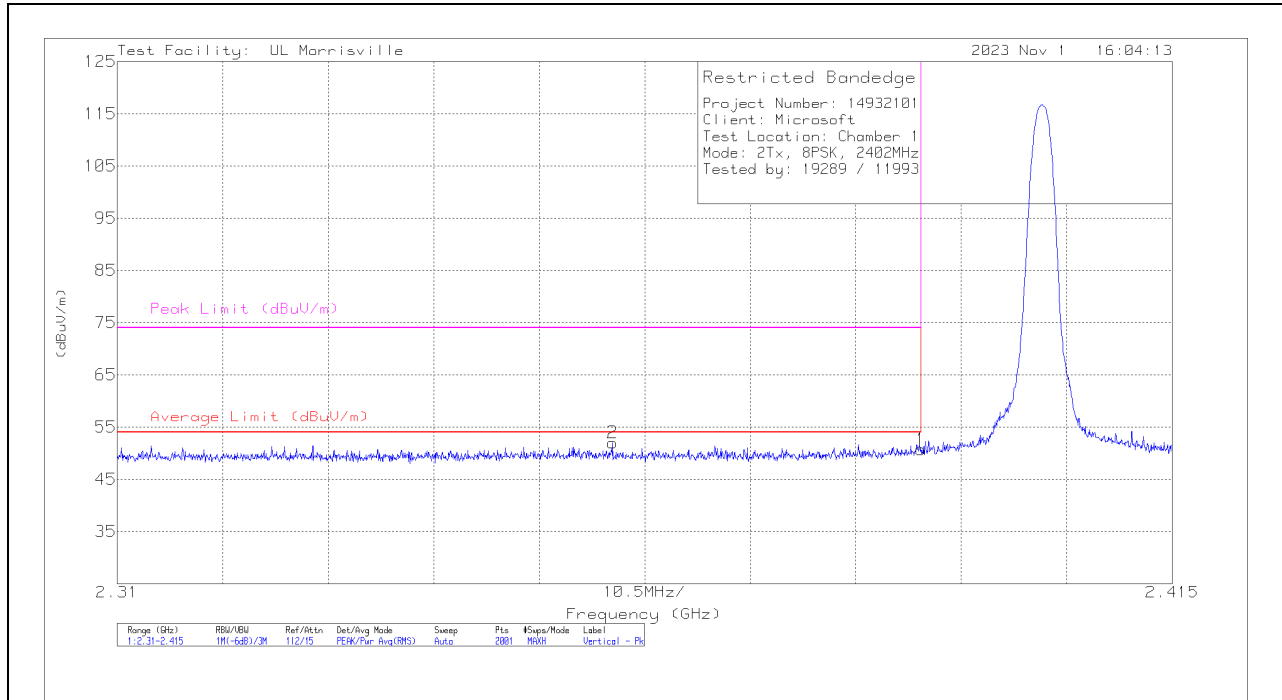
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	40.46	Pk	32.1	-24	0	48.56	-	-	74	-25.44	4	363	H
	* ** 2.38996	40.46	Pk	32.1	-24	-24	24.56	54	-29.44	-	-	4	363	H
2	* ** 2.3657	43.87	Pk	32	-24.1	0	51.77	-	-	74	-22.23	4	363	H
	* ** 2.3657	43.87	Pk	32	-24.1	-24	27.77	54	-26.23	-	-	4	363	H

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

VERTICAL RESULT

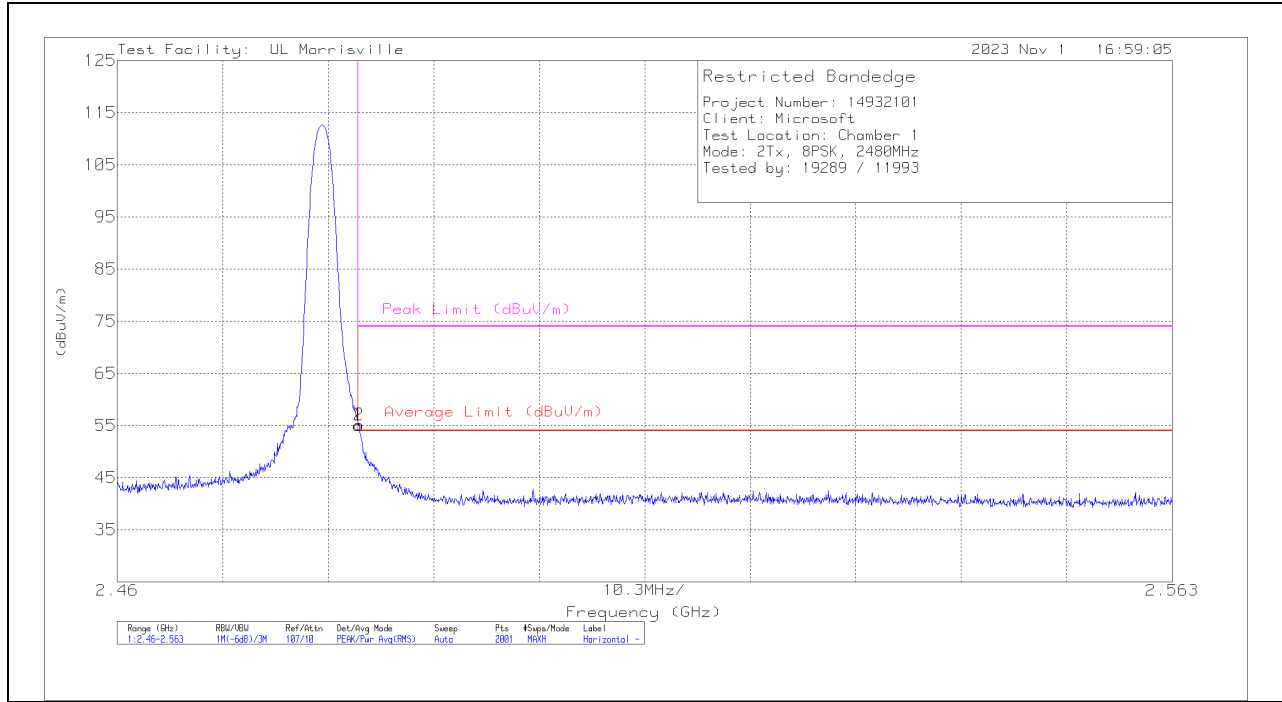


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.38996	42.61	Pk	32.1	-24	0	50.71	-	-	74	-23.29	2	366	V
	*** 2.38996	42.61	Pk	32.1	-24	-24	26.71	54	-27.29	-	-	2	366	V
2	*** 2.3593	44.01	Pk	32	-24	0	52.01	-	-	74	-21.99	2	366	V
	*** 2.3593	44.01	Pk	32	-24	-24	28.01	54	-25.99	-	-	2	366	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)

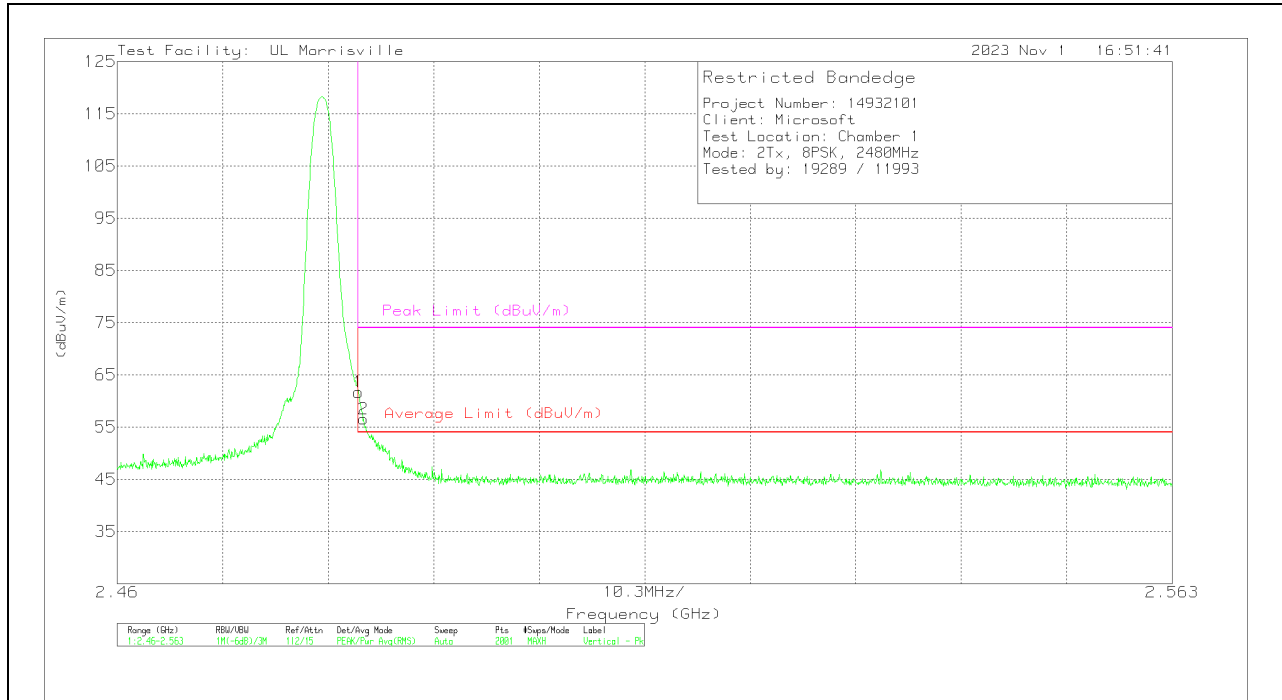
HORIZONTAL RESULT



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	47.22	Pk	32.3	-24.5	0	55.02	-	-	74	-18.98	19	343	H
	*** 2.48354	47.22	Pk	32.3	-24.5	-24	31.02	54	-22.98	-	-	19	343	H
2	*** 2.48359	47.31	Pk	32.3	-24.5	0	55.11	-	-	74	-18.89	19	343	H
	*** 2.48359	47.31	Pk	32.3	-24.5	-24	31.11	54	-22.89	-	-	19	343	H

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

VERTICAL RESULT

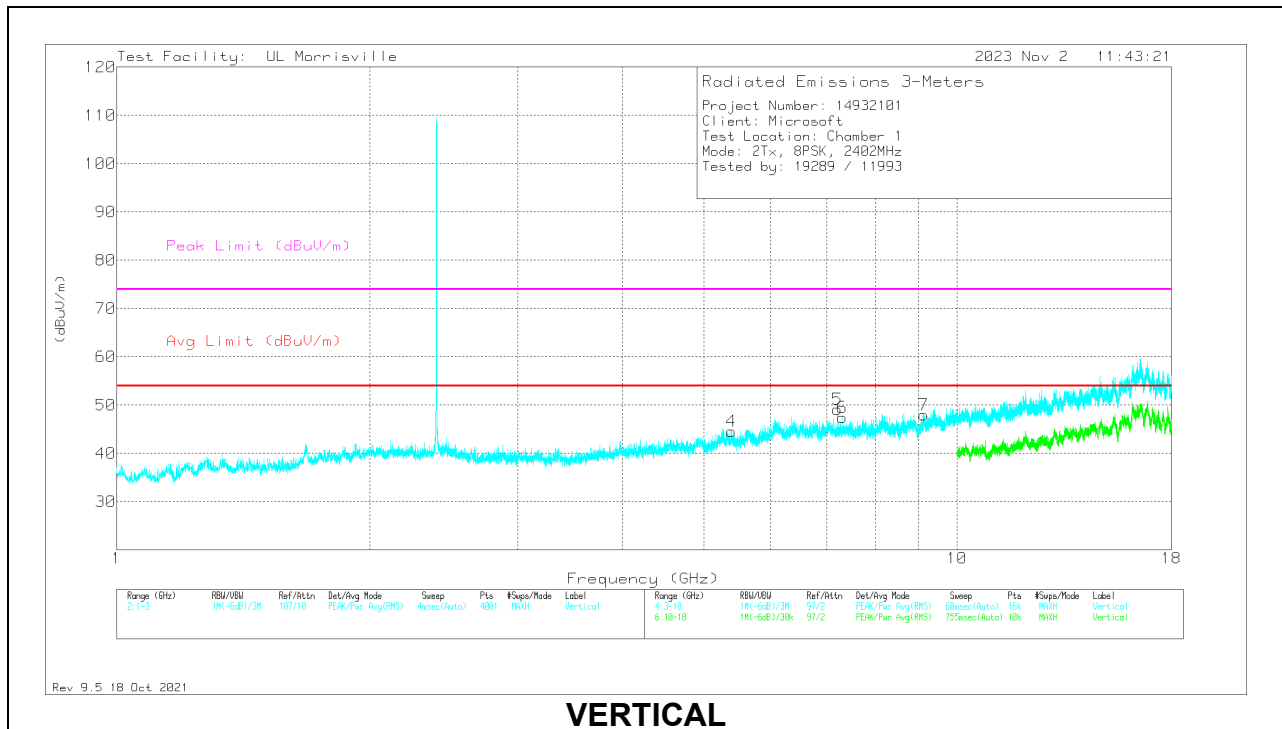
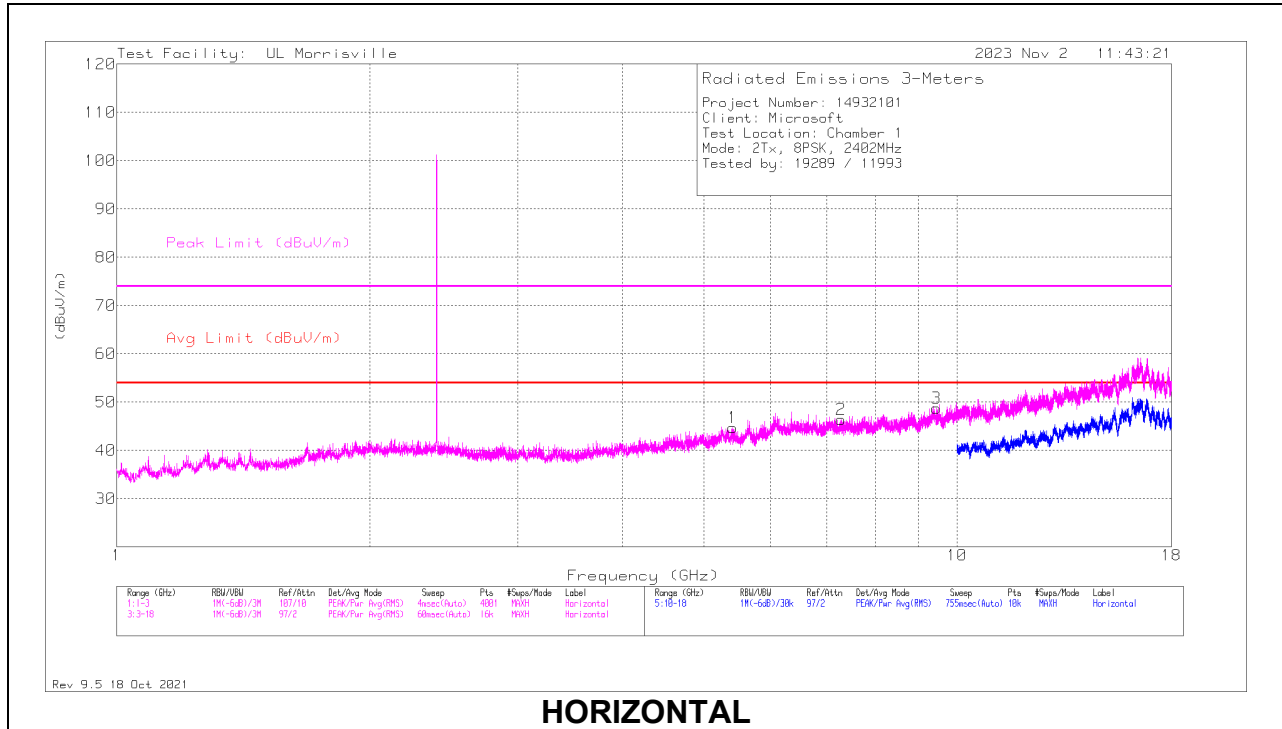


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*** 2.48354	53.88	Pk	32.3	-24.5	0	61.68	-	-	74	-12.32	339	303	V
	** 2.48354	53.88	Pk	32.3	-24.5	-24	37.68	54	-16.32	-	-	339	303	V
2	*** 2.48405	48.74	Pk	32.3	-24.5	0	56.54	-	-	74	-17.46	339	303	V
	** 2.48405	48.74	Pk	32.3	-24.5	-24	32.54	54	-21.46	-	-	339	303	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	206211 (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	* ** 5.40938	39.88	Pk	34.5	-29.6	0	44.78	54	-9.22	74	-29.22	0-360	199	H
2	* ** 7.27969	37.84	Pk	35.6	-27	0	46.44	54	-7.56	74	-27.56	0-360	101	H
3	* ** 9.45741	38.97	PK2	36.5	-25.2	0	50.27	-	-	74	-23.73	23	279	H
	* ** 9.45741	38.97	PK2	36.5	-25.2	-24	26.27	54	-27.73	-	-	23	279	H
4	* ** 5.39156	39.25	Pk	34.5	-29.2	0	44.55	54	-9.45	74	-29.45	0-360	200	V
6	* ** 7.30688	38.45	Pk	35.6	-26.6	0	47.45	54	-6.55	74	-26.55	0-360	200	V
7	* ** 9.13219	36.84	Pk	36	-24.9	0	47.94	54	-6.06	74	-26.06	0-360	101	V
5	7.20563	40.63	Pk	35.6	-27.1	0	49.13	-	-	-	-	0-360	200	V

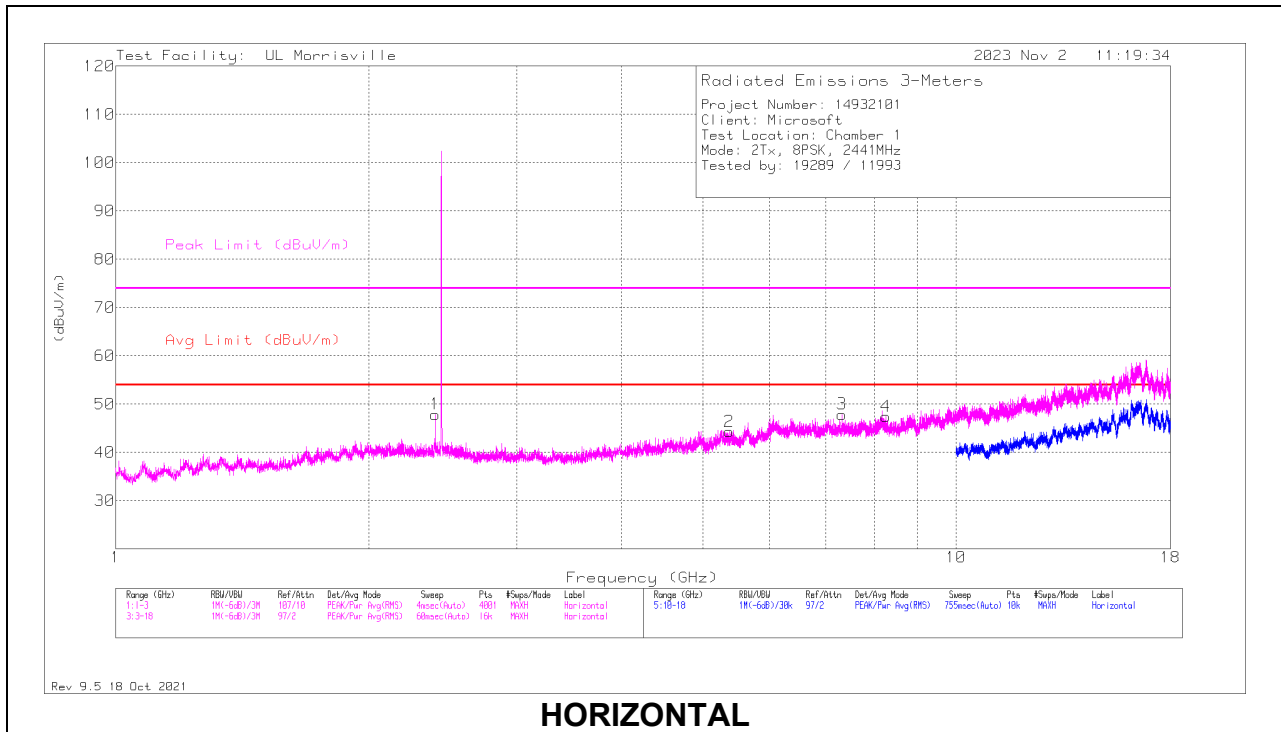
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

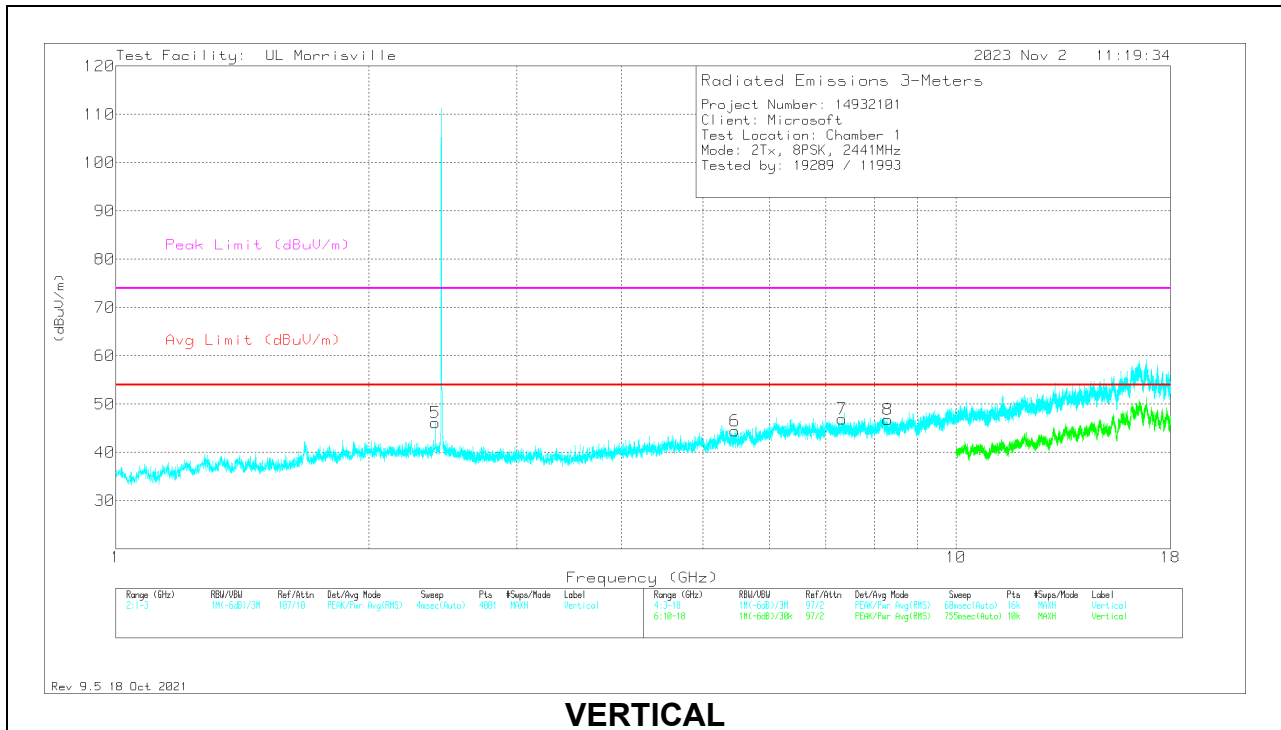
Pk - Peak detector

PK2 - Maximum Peak

MID CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 5.37	38.81	Pk	34.5	-29	44.31	54	-9.69	74	-29.69	0-360	101	H
3	*** 7.32281	39.01	Pk	35.6	-26.7	47.91	54	-6.09	74	-26.09	0-360	101	H
4	*** 8.25375	38.37	Pk	35.9	-26.8	47.47	54	-6.53	74	-26.53	0-360	200	H
6	*** 5.45438	40.51	Pk	34.4	-30.4	44.51	54	-9.49	74	-29.49	0-360	101	V
7	*** 7.32281	37.98	Pk	35.6	-26.7	46.88	54	-7.12	74	-27.12	0-360	200	V
8	*** 8.28938	37.58	Pk	35.9	-26.7	46.78	54	-7.22	74	-27.22	0-360	200	V
1	2.4	40.11	Pk	32.1	-24.3	47.91	-	-	-	-	0-360	101	H
5	2.4005	38.36	Pk	32.1	-24.3	46.16	-	-	-	-	0-360	101	V

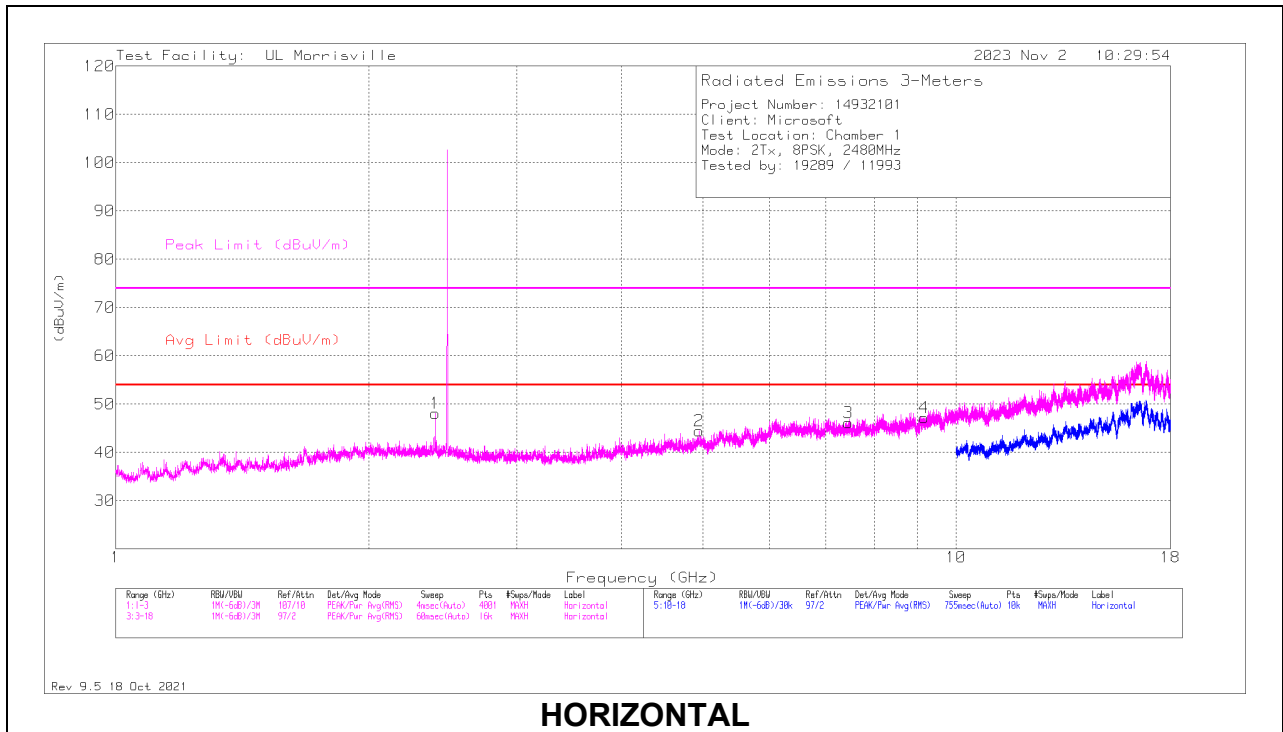
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

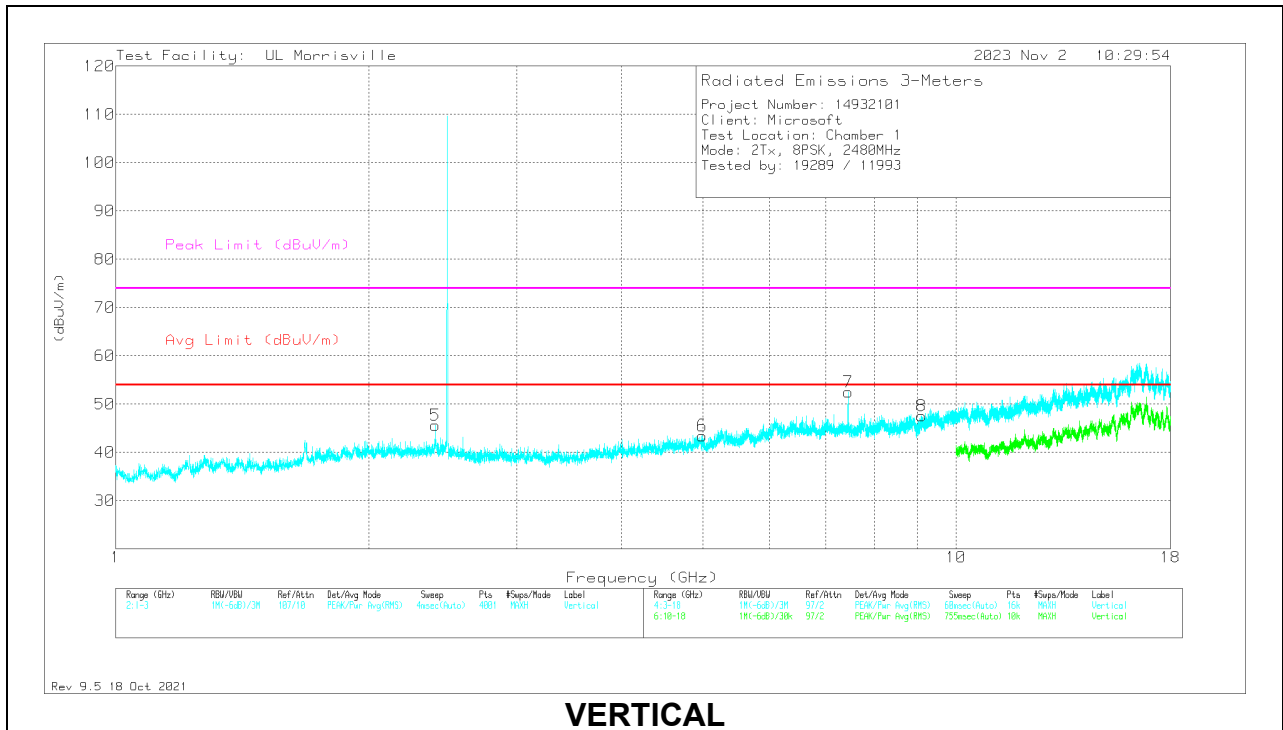
Pk - Peak detector

PK2 -Maximum Peak

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	206211 (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	*** 4.94906	40.68	Pk	34	-30.2	0	44.48	54	-9.52	74	-29.52	0-360	101	H
3	*** 7.43906	37.41	Pk	35.7	-26.9	0	46.21	54	-7.79	74	-27.79	0-360	101	H
4	*** 9.15938	36.5	Pk	36	-25.3	0	47.2	54	-6.8	74	-26.8	0-360	200	H
6	*** 4.99031	40.09	Pk	34.1	-30.7	0	43.49	54	-10.51	74	-30.51	0-360	101	V
7	*** 7.44063	46.21	PK2	35.7	-27	0	54.91	-	-	74	-19.09	25	114	V
	*** 7.44063	46.21	PK2	35.7	-27	-24	30.91	54	-23.09	-	-	25	114	V
8	*** 9.10313	37.19	Pk	36	-25.6	0	47.59	54	-6.41	74	-26.41	0-360	101	V
1	2.4	40.29	Pk	32.1	-24.3	0	48.09	-	-	-	-	0-360	101	H
5	2.4005	37.85	Pk	32.1	-24.3	0	45.65	-	-	-	-	0-360	101	V

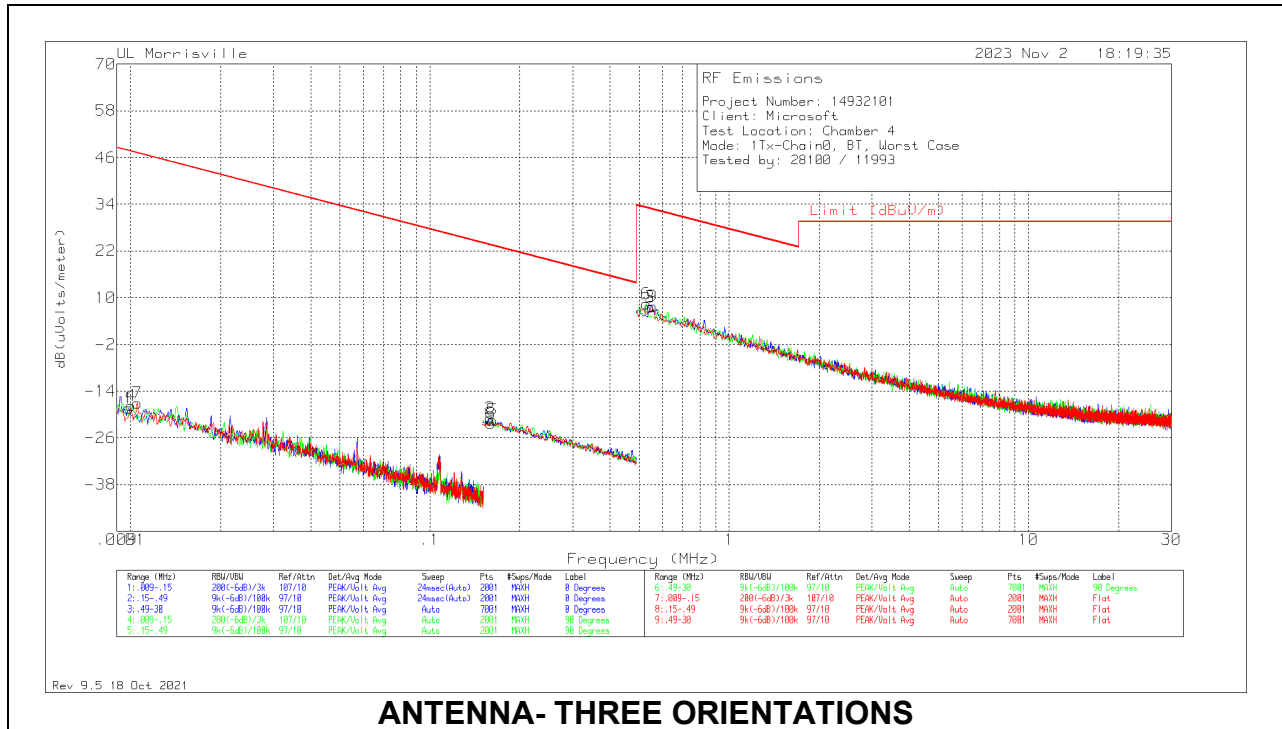
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 ** - indicates frequency in Taiwan NCC LP0002 Restricted Band
 Pk - Peak detector
 PK2 -Maximum Peak

11.2. 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 $40 \cdot \log(\text{test distance} / \text{specification distance})$.

11.2.1. CHAIN 0

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

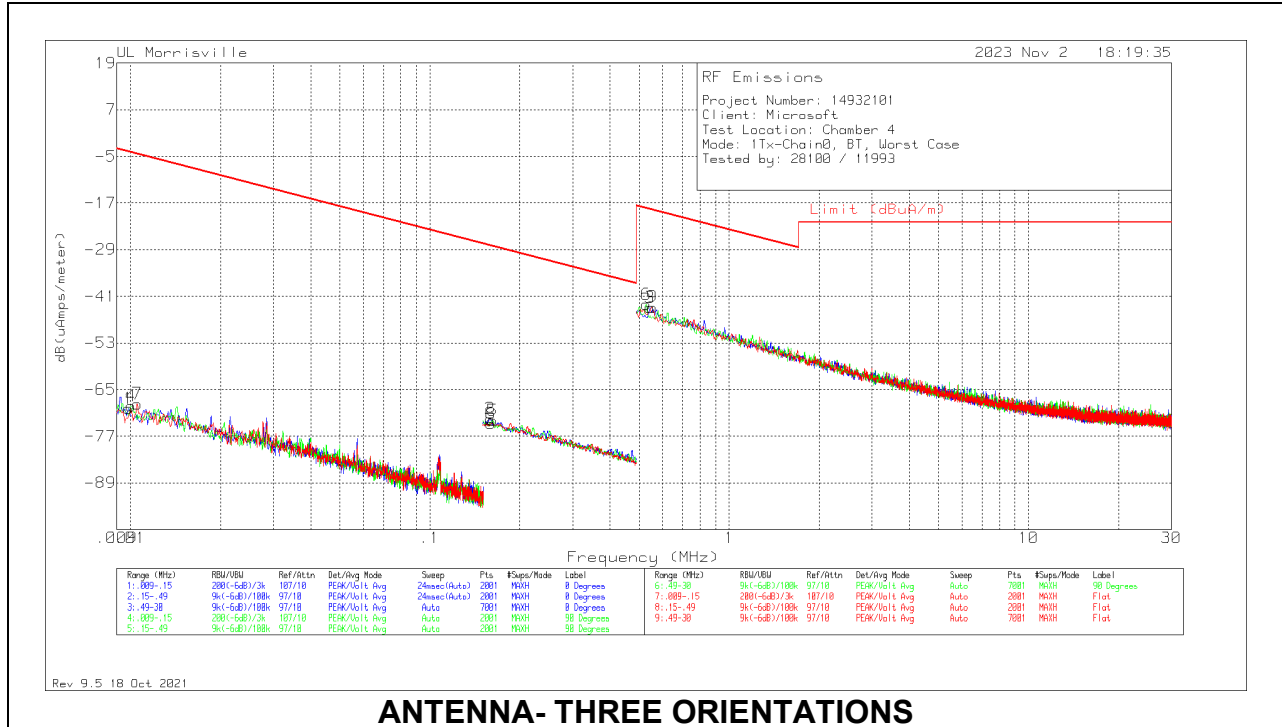


ANTENNA- THREE ORIENTATIONS

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)	PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00985	42.24	Pk	19.4	0	-80	-18.36	47.73	67.73	-66.09	0-360	0 degs
4	.01007	42.99	Pk	19.3	0	-80	-17.71	47.55	67.55	-65.26	0-360	90 degs
7	.01056	43.75	Pk	19.1	0	-80	-17.15	47.13	67.13	-64.28	0-360	Flat
2	.15876	46.78	Pk	12.2	0	-80	-21.02	23.59	43.59	-44.61	0-360	0 degs
8	.16003	45.58	Pk	12.2	0	-80	-22.22	23.52	43.52	-45.74	0-360	Flat
5	.16182	46.34	Pk	12.2	0	-80	-21.46	23.42	43.42	-44.88	0-360	90 degs
6	.52794	36.15	Pk	12.2	.1	-40	8.45	33.15	-	-24.7	0-360	90 degs
3	.54481	35.26	Pk	12.2	.1	-40	7.56	32.88	-	-25.32	0-360	0 degs
9	.55324	35.4	Pk	12.2	.1	-40	7.7	32.75	-	-25.05	0-360	Flat

Pk - Peak detector

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



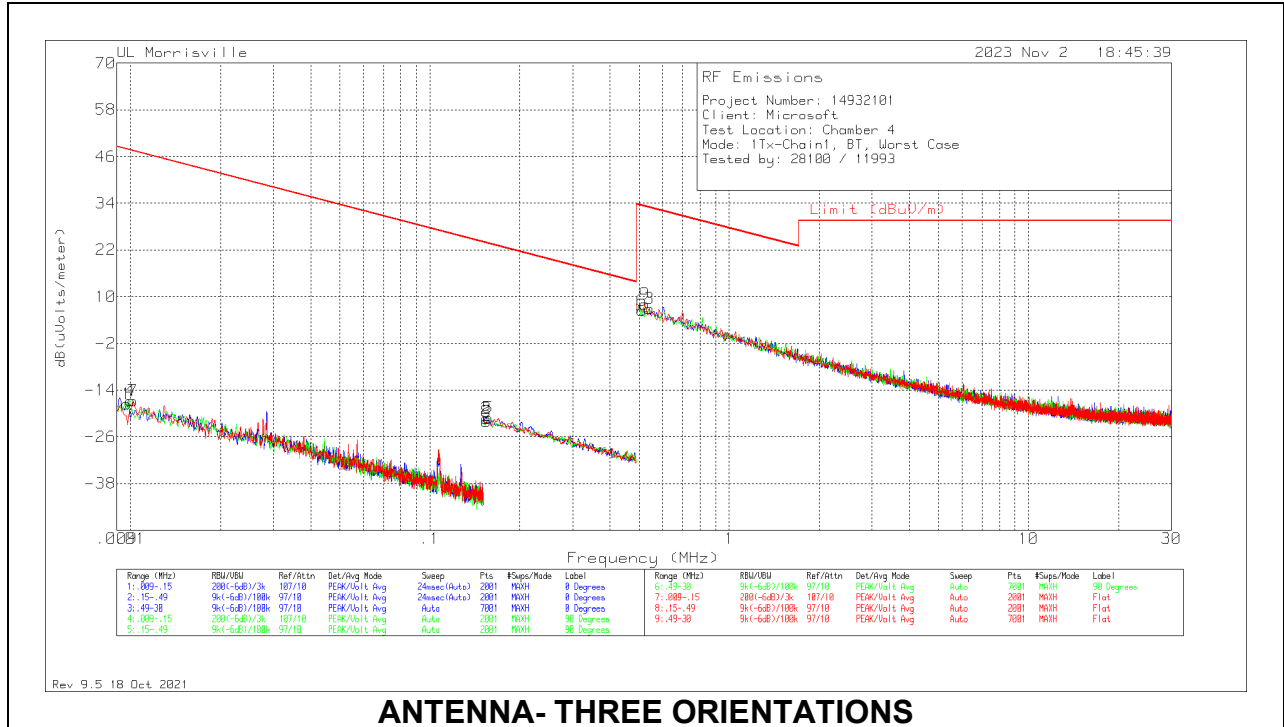
ANTENNA- THREE ORIENTATIONS

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	.00985	42.24	Pk	-32.1	0	-80	-69.86	-3.77	16.23	-66.09	0-360	0 degs
4	.01007	42.99	Pk	-32.2	0	-80	-69.21	-3.95	16.05	-65.26	0-360	90 degs
7	.01056	43.75	Pk	-32.4	0	-80	-68.65	-4.37	15.63	-64.28	0-360	Flat
2	.15876	46.78	Pk	-39.3	0	-80	-72.52	-27.91	-7.91	-44.61	0-360	0 degs
8	.16003	45.58	Pk	-39.3	0	-80	-73.72	-27.98	-7.98	-45.74	0-360	Flat
5	.16182	46.34	Pk	-39.3	0	-80	-72.96	-28.08	-8.08	-44.88	0-360	90 degs
6	.52794	36.15	Pk	-39.3	.1	-40	-43.05	-18.35	-	-24.7	0-360	90 degs
3	.54481	35.26	Pk	-39.3	.1	-40	-43.94	-18.62	-	-25.32	0-360	0 degs
9	.55324	35.4	Pk	-39.3	.1	-40	-43.8	-18.75	-	-25.05	0-360	Flat

Pk - Peak detector

11.2.2. CHAIN 1

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

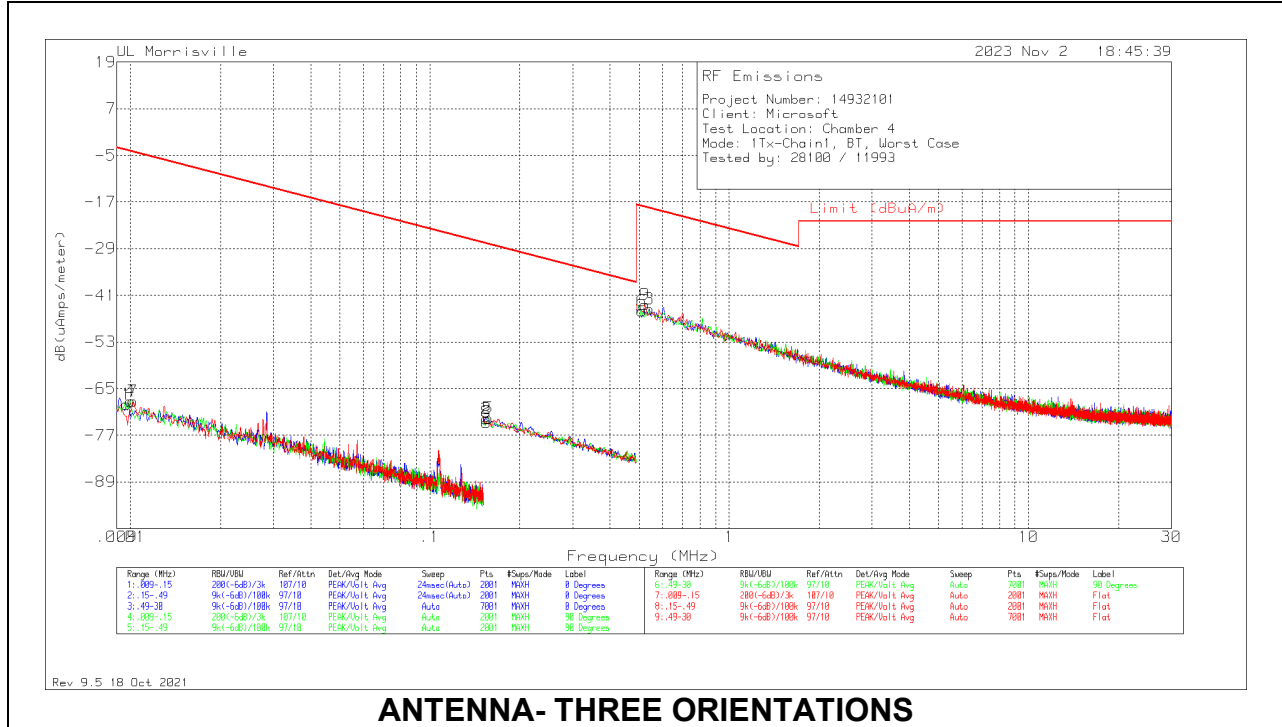


ANTENNA- THREE ORIENTATIONS

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)	QP/AV Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
1	.00971	42.89	Pk	19.5	0	-80	-17.61	47.86	67.86	-65.47	0-360	0 degs
4	.00999	43.93	Pk	19.3	0	-80	-16.77	47.61	67.61	-64.38	0-360	90 degs
7	.01021	44	Pk	19.2	0	-80	-16.8	47.43	67.43	-64.23	0-360	Flat
8	.15425	45.65	Pk	12.2	0	-80	-22.15	23.84	43.84	-45.99	0-360	Flat
2	.15442	46.53	Pk	12.2	0	-80	-21.27	23.83	43.83	-45.1	0-360	0 degs
5	.15646	46.69	Pk	12.2	0	-80	-21.11	23.72	43.72	-44.83	0-360	90 degs
6	.51108	34.22	Pk	12.2	.1	-40	6.52	33.43	-	-26.91	0-360	90 degs
9	.52373	35.86	Pk	12.2	.1	-40	8.16	33.22	-	-25.06	0-360	Flat
3	.54059	34.65	Pk	12.2	.1	-40	6.95	32.95	-	-26	0-360	0 degs

Pk - Peak detector

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



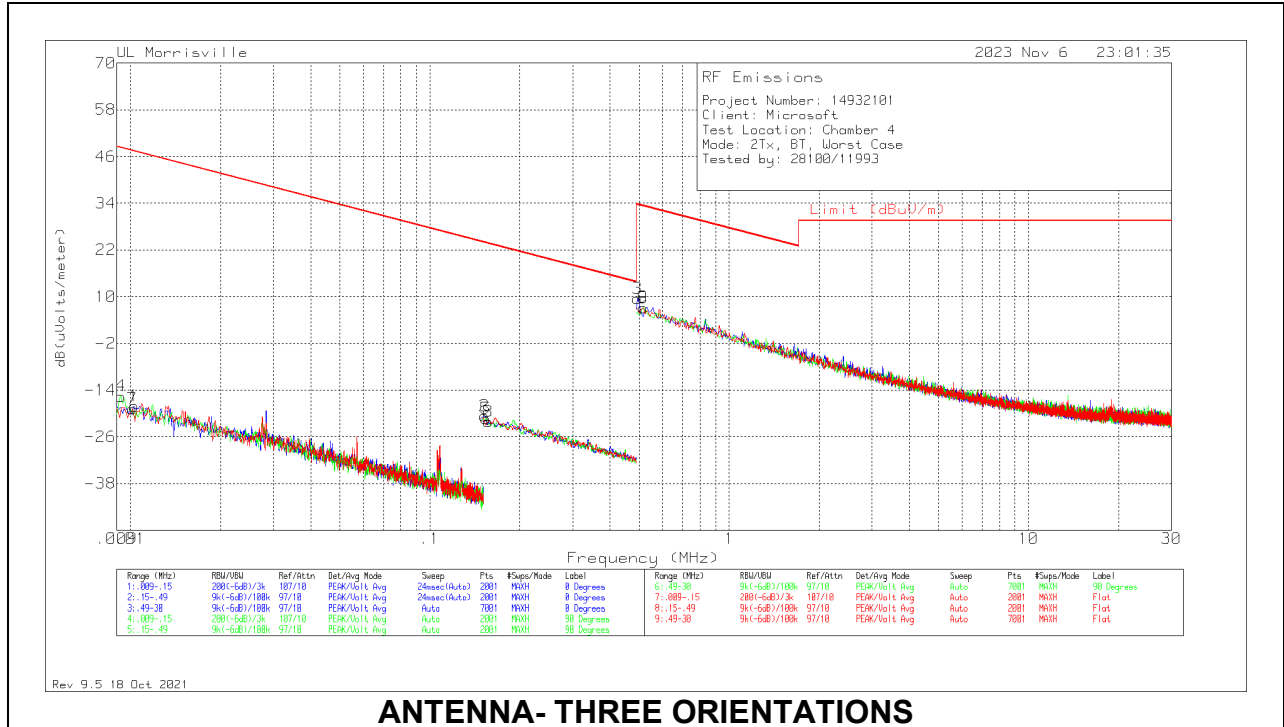
ANTENNA- THREE ORIENTATIONS

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
1	.00971	42.89	Pk	-32	0	-80	-69.11	-3.64	16.56	-65.47	0-360	0 degs
4	.00999	43.93	Pk	-32.2	0	-80	-68.27	-3.89	16.11	-64.38	0-360	90 degs
7	.01021	44	Pk	-32.3	0	-80	-68.3	-4.07	15.93	-64.23	0-360	Flat
8	.15425	45.65	Pk	-39.3	0	-80	-73.65	-27.66	-7.66	-45.99	0-360	Flat
2	.15442	46.53	Pk	-39.3	0	-80	-72.77	-27.67	-7.67	-45.1	0-360	0 degs
5	.15646	46.69	Pk	-39.3	0	-80	-72.61	-27.78	-7.78	-44.83	0-360	90 degs
6	.51108	34.22	Pk	-39.3	.1	-40	-44.98	-18.07	-	-26.91	0-360	90 degs
9	.52373	35.86	Pk	-39.3	.1	-40	-43.34	-18.28	-	-25.06	0-360	Flat
3	.54059	34.65	PK	-39.3	.1	-40	-44.55	-18.55	-	-26	0-360	0 degs

Pk - Peak detector

11.2.3. 2Tx

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

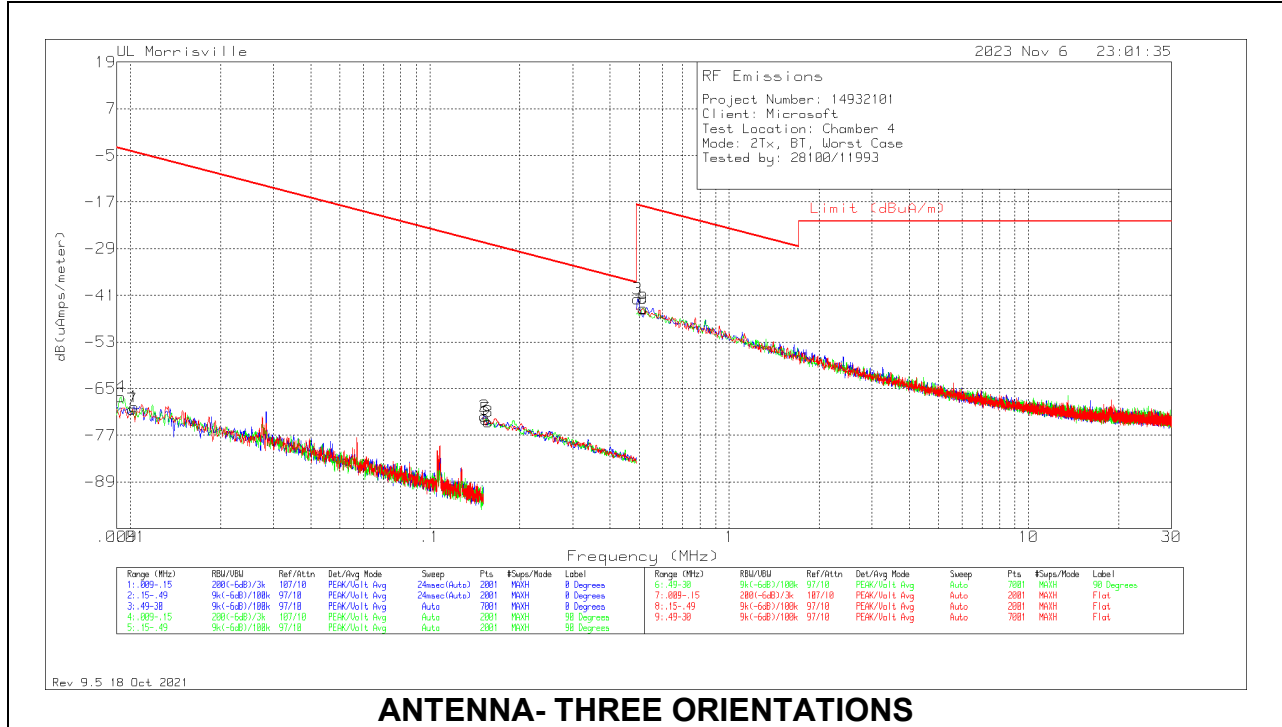


ANTENNA- THREE ORIENTATIONS

Marker	Frequency (MHz)	Meter Reading (dBuV/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
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

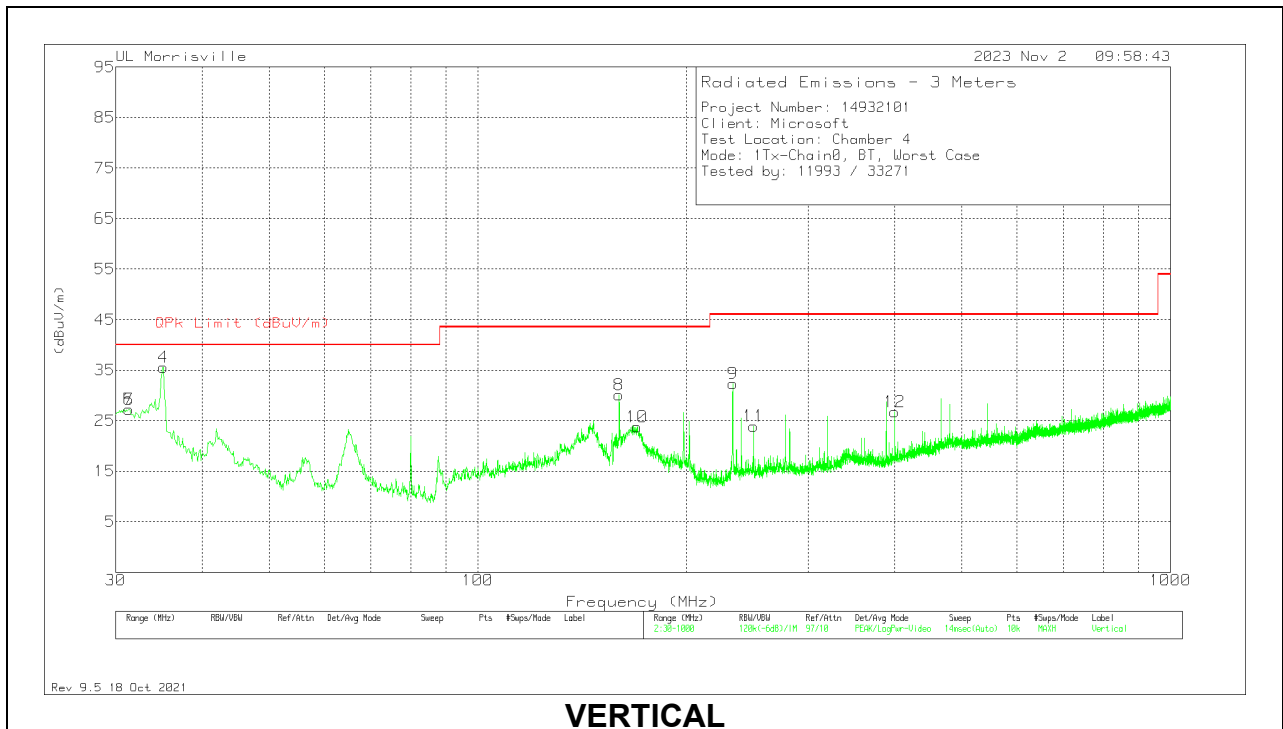
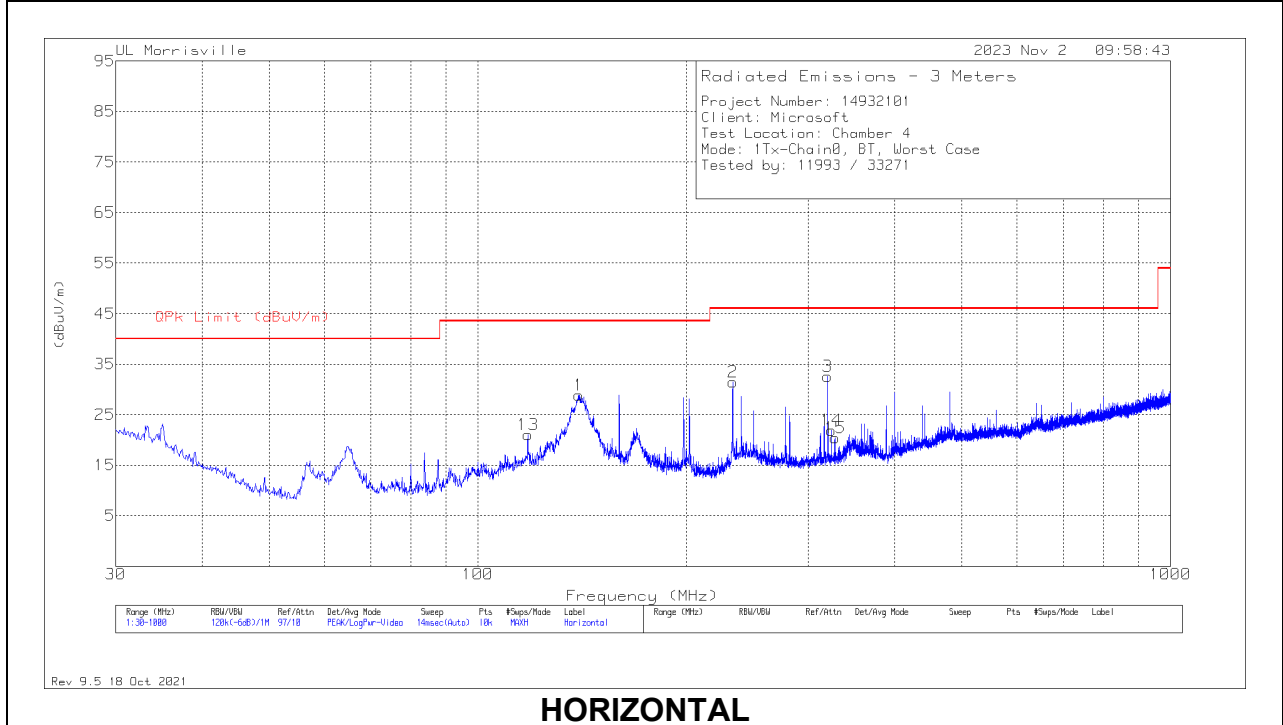
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	135144 (dB/m)	Gain/Loss (dB)	Dist. Corr. Factor (dB)	Corrected Reading dB(uAmps/meter)	QP/AV Limit (dBuA/m)	PK Limit (dBuA/m)	Margin (dB)	Azimuth (Degs)	Loop Angle
4	.00928	44.65	Pk	-31.7	0	-80	-67.05	-3.25	16.75	-63.8	0-360	90 degs
7	.01014	41.94	Pk	-32.3	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

11.3. WORST CASE BELOW 1 GHZ

11.3.1. 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
13	* ** 118.076	32.54	Pk	19.8	-31.3	21.04	43.52	-22.48	0-360	100	H
14	* ** 323.813	32.16	Pk	20	-30.2	21.96	46.02	-24.06	0-360	100	H
15	* ** 327.693	30.48	Pk	20.1	-30.2	20.38	46.02	-25.64	0-360	100	H
10	* ** 169.777	36.78	Pk	18	-31	23.78	43.52	-19.74	0-360	100	V
11	* ** 249.996	36.95	Pk	17.5	-30.5	23.95	46.02	-22.07	0-360	100	V
12	* ** 400.055	35.02	Pk	21.6	-29.9	26.72	46.02	-19.3	0-360	100	V
5	31.358	33.24	Pk	26.1	-32.1	27.24	-	-	0-360	100	V
6	31.358	33.24	Pk	26.1	-32.1	27.24	-	-	0-360	100	V
7	31.358	33.24	Pk	26.1	-32.1	27.24	-	-	0-360	100	V
4	35.141	44.13	Pk	23.5	-32.1	35.53	-	-	0-360	100	V
1	139.804	40.92	Pk	19.1	-31.2	28.82	-	-	0-360	100	H
8	159.98	42.58	Pk	18.5	-31	30.08	-	-	0-360	100	V
2	233.312	44.71	Pk	17.4	-30.6	31.51	-	-	0-360	100	H
9	233.312	45.49	Pk	17.4	-30.6	32.29	-	-	-	100	V
3	320.03	42.75	Pk	20	-30.2	32.55	-	-	0-360	100	H

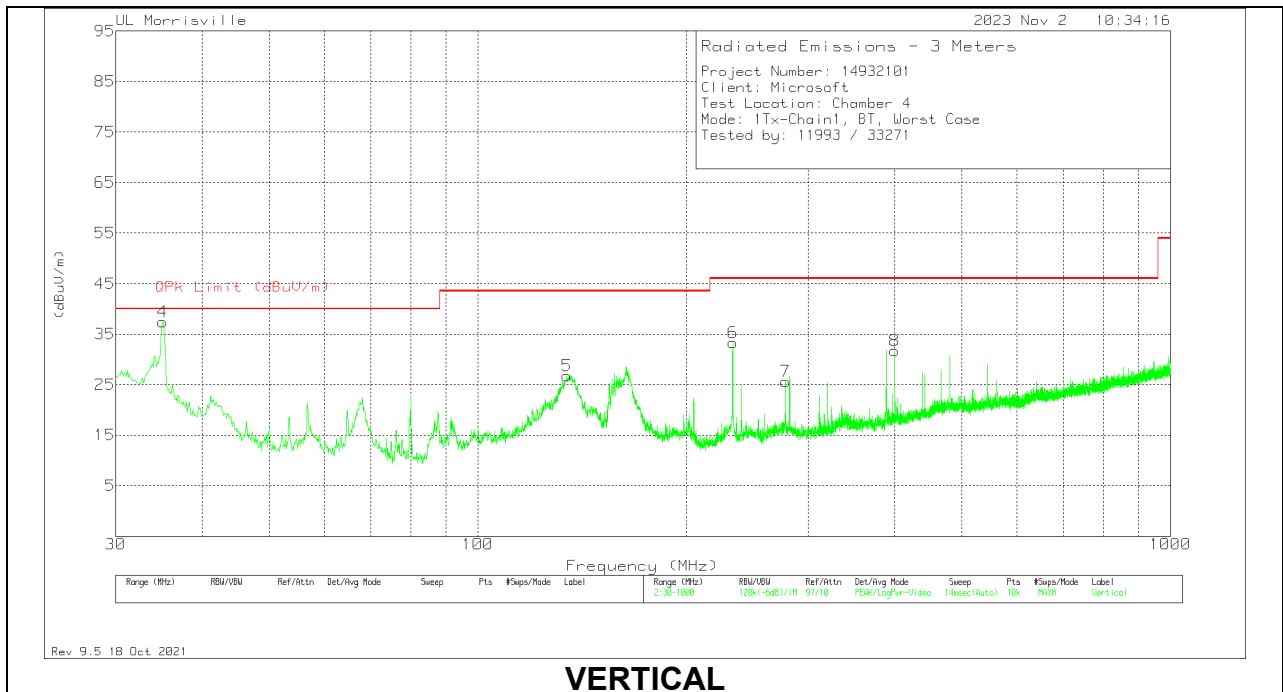
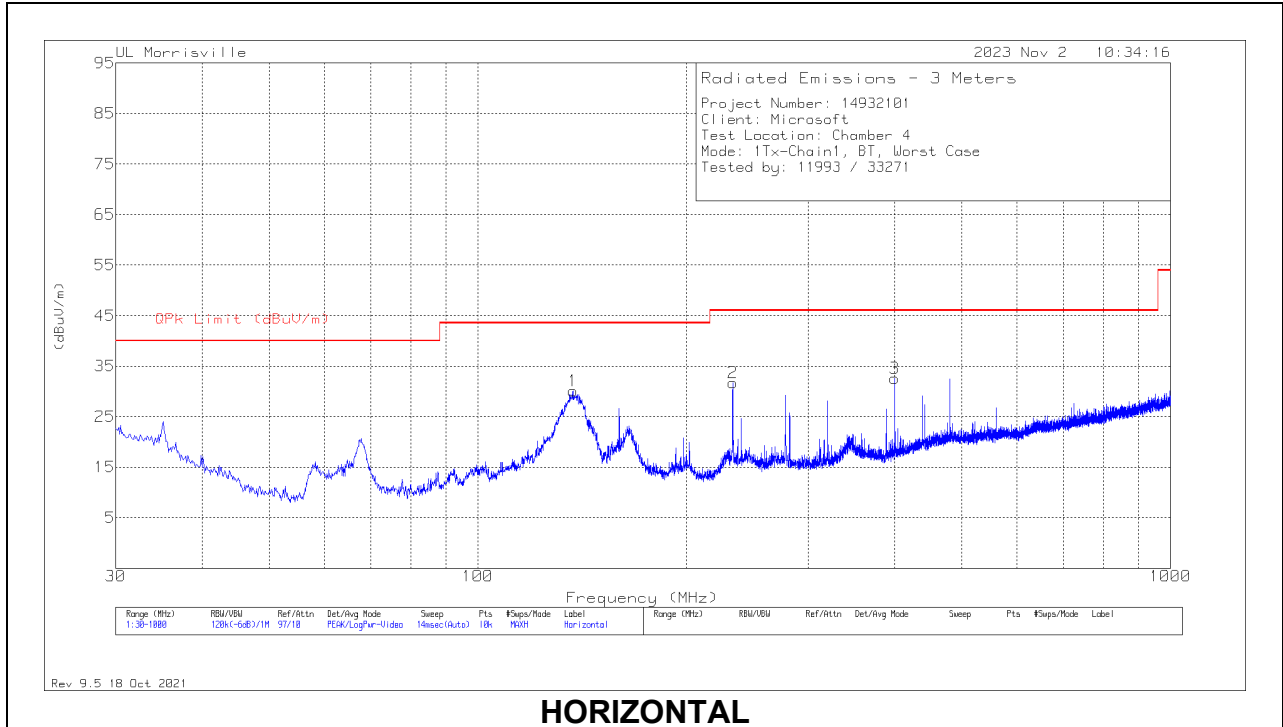
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11.3.2. 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	* ** 137.185	41.99	Pk	19.3	-31.2	30.09	43.52	-13.43	0-360	100	H
3	* ** 400.055	40.85	Pk	21.6	-29.9	32.55	46.02	-13.47	0-360	100	H
5	* ** 134.566	38.48	Pk	19.5	-31.2	26.78	43.52	-16.74	0-360	100	V
7	* ** 278.126	36.64	Pk	19.4	-30.4	25.64	46.02	-20.38	0-360	100	V
8	* ** 400.055	40.07	Pk	21.6	-29.9	31.77	46.02	-14.25	0-360	100	V
4	35.044	45.88	Pk	23.6	-32.1	37.38	-	-	0-360	100	V
2	233.312	44.9	Pk	17.4	-30.6	31.7	-	-	0-360	100	H
6	233.312	46.53	Pk	17.4	-30.6	33.33	-	-	0-360	100	V

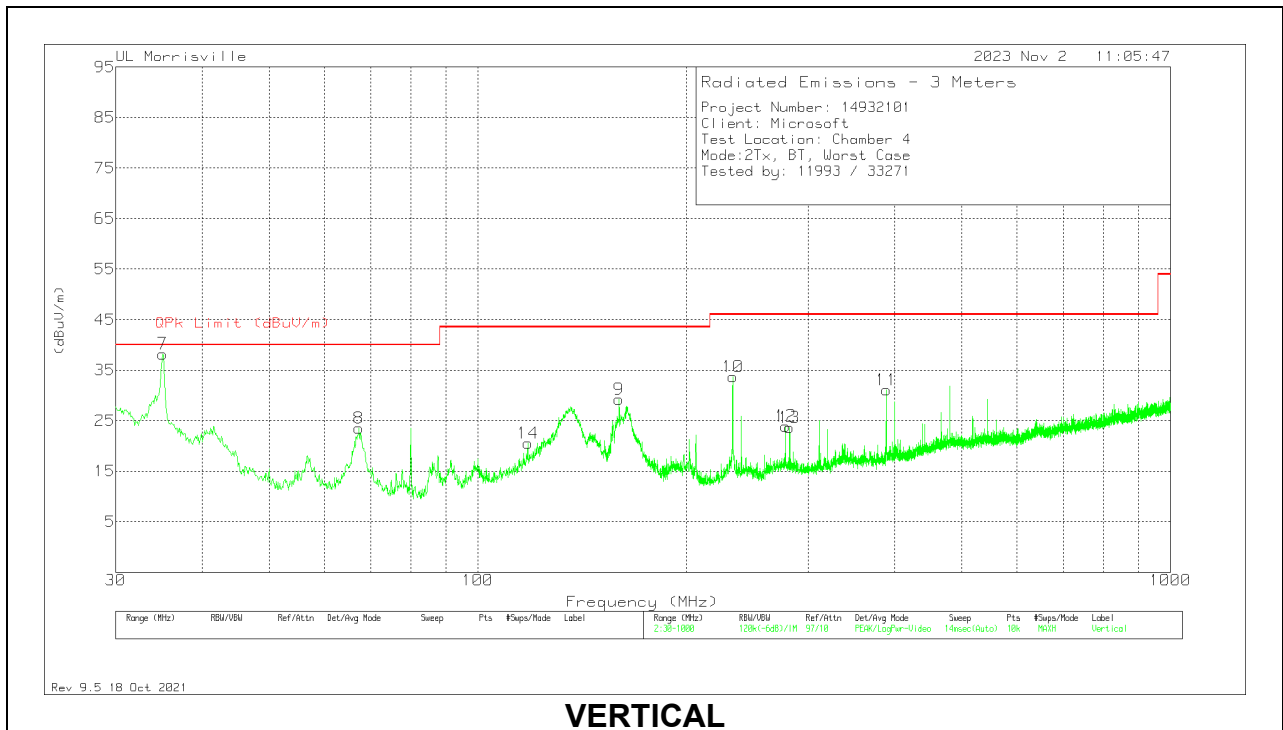
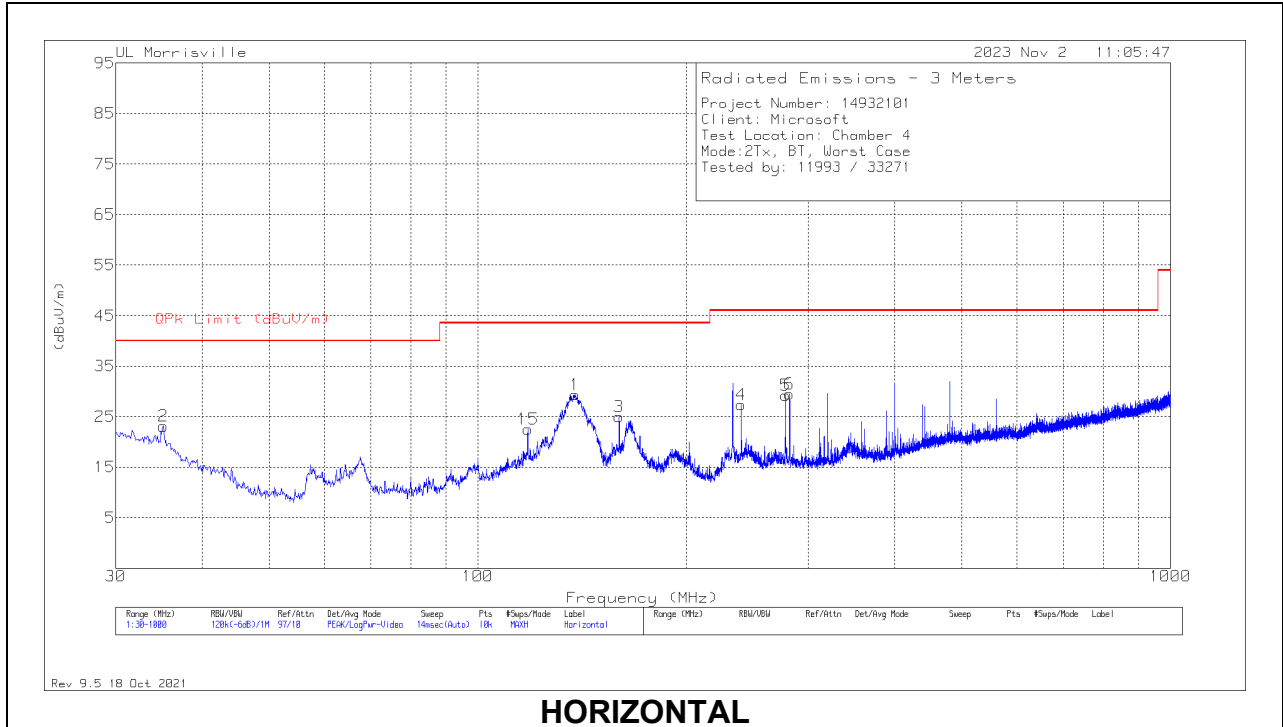
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11.3.3. 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
4	*** 240.005	40.24	Pk	17.7	-30.6	27.34	46.02	-18.68	0-360	100	H
5	*** 278.126	40.23	Pk	19.4	-30.4	29.23	46.02	-16.79	0-360	100	H
6	*** 281.909	40.47	Pk	19.4	-30.4	29.47	46.02	-16.55	0-360	100	H
15	*** 118.076	34.02	Pk	19.8	-31.3	22.52	43.52	-21	0-360	200	H
12	*** 278.126	34.95	Pk	19.4	-30.4	23.95	46.02	-22.07	0-360	100	V
13	*** 281.909	34.66	Pk	19.4	-30.4	23.66	46.02	-22.36	0-360	100	V
14	*** 118.173	32.06	Pk	19.8	-31.3	20.56	43.52	-22.96	0-360	100	V
7	35.044	46.73	Pk	23.6	-32.1	38.23	-	-	0-360	100	V
2	35.141	31.69	Pk	23.5	-32.1	23.09	-	-	0-360	300	H
8	67.345	40.91	Pk	14.3	-31.7	23.51	-	-	0-360	100	V
1	138.155	41.31	Pk	19.3	-31.2	29.41	-	-	0-360	100	H
3	159.98	37.53	Pk	18.5	-31	25.03	-	-	0-360	100	H
9	159.98	41.7	Pk	18.5	-31	29.2	-	-	0-360	100	V
10	233.312	46.95	Pk	17.4	-30.6	33.75	-	-	0-360	100	V
11	388.9	39.84	Pk	21.1	-29.9	31.04	-	-	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