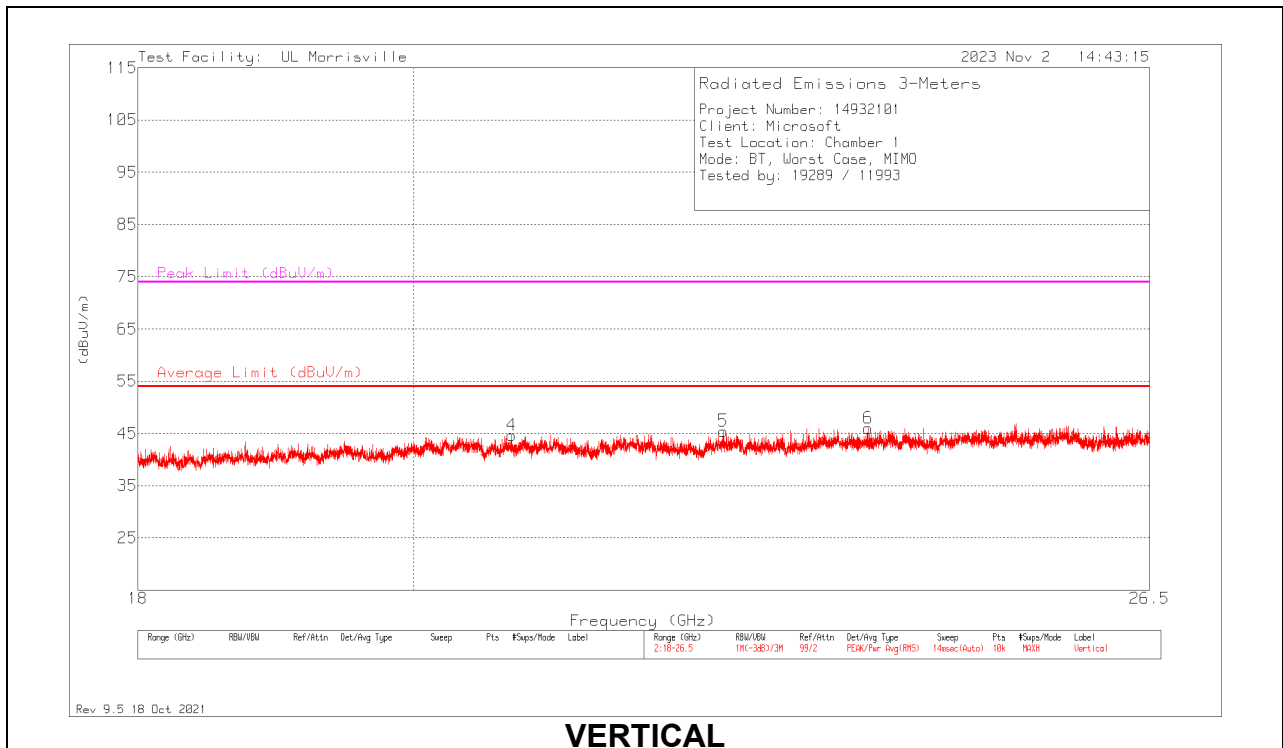
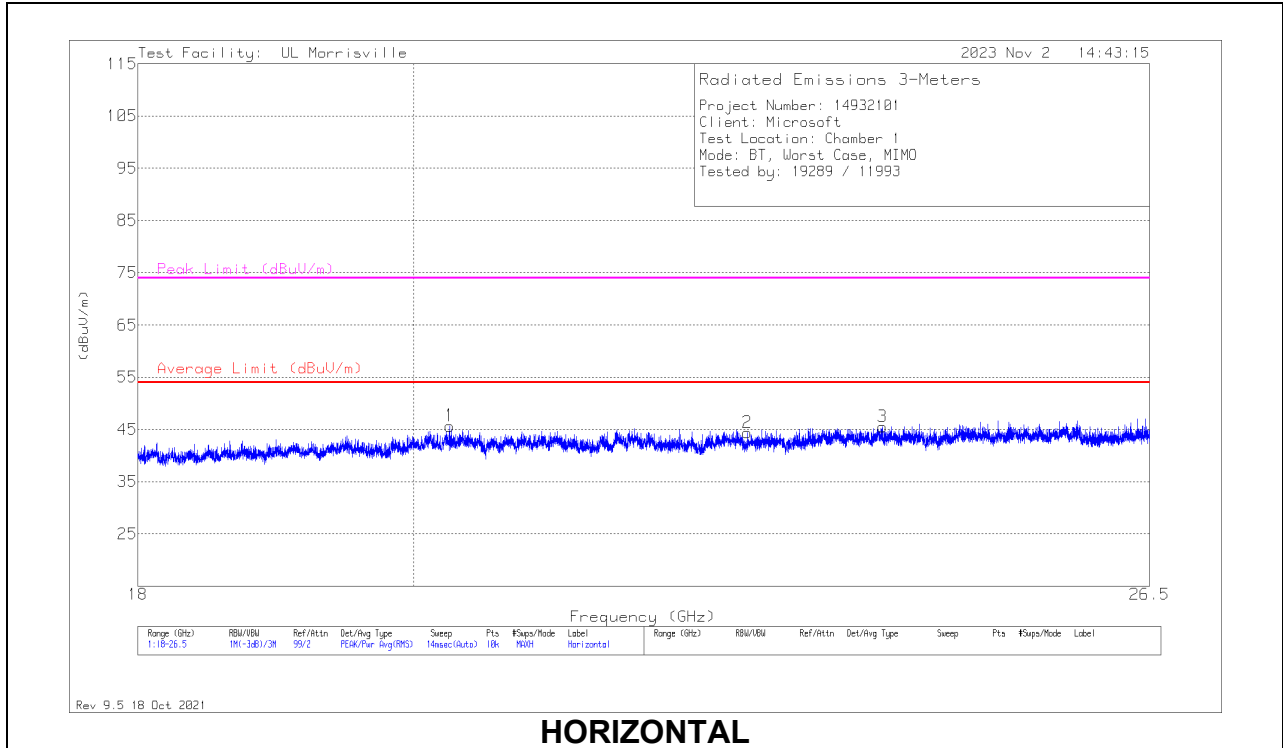


10.4.3. 2Tx

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	*** 20.28078	50.09	Pk	33.6	-38	45.69	54	-8.31	74	-28.31	0-360	200	H
2	*** 22.72222	47.94	Pk	34.1	-37.6	44.44	54	-9.56	74	-29.56	0-360	200	H
3	*** 23.92679	48.19	Pk	34.4	-37.1	45.49	54	-8.51	74	-28.51	0-360	150	H
4	*** 20.76703	48.82	Pk	33.5	-37.7	44.62	54	-9.38	74	-29.38	0-360	101	V
5	*** 22.5148	49.34	Pk	34.2	-38.1	45.44	54	-8.56	74	-28.56	0-360	150	V
6	*** 23.79503	48.66	Pk	34.4	-37.1	45.96	54	-8.04	74	-28.04	0-360	201	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

11. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

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

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

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

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

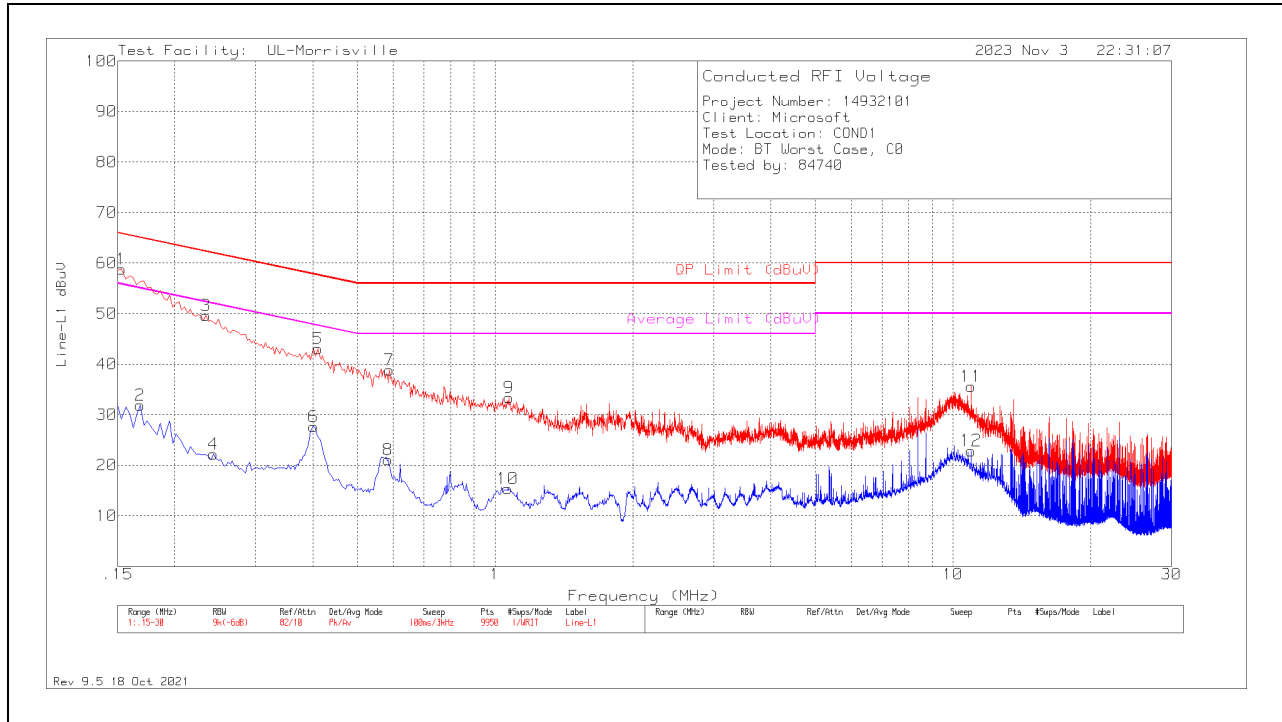
Line conducted data is recorded for both lines.

RESULTS

11.1. AC POWER LINE NORM

11.1.1. CHAIN 0

LINE 1 RESULTS



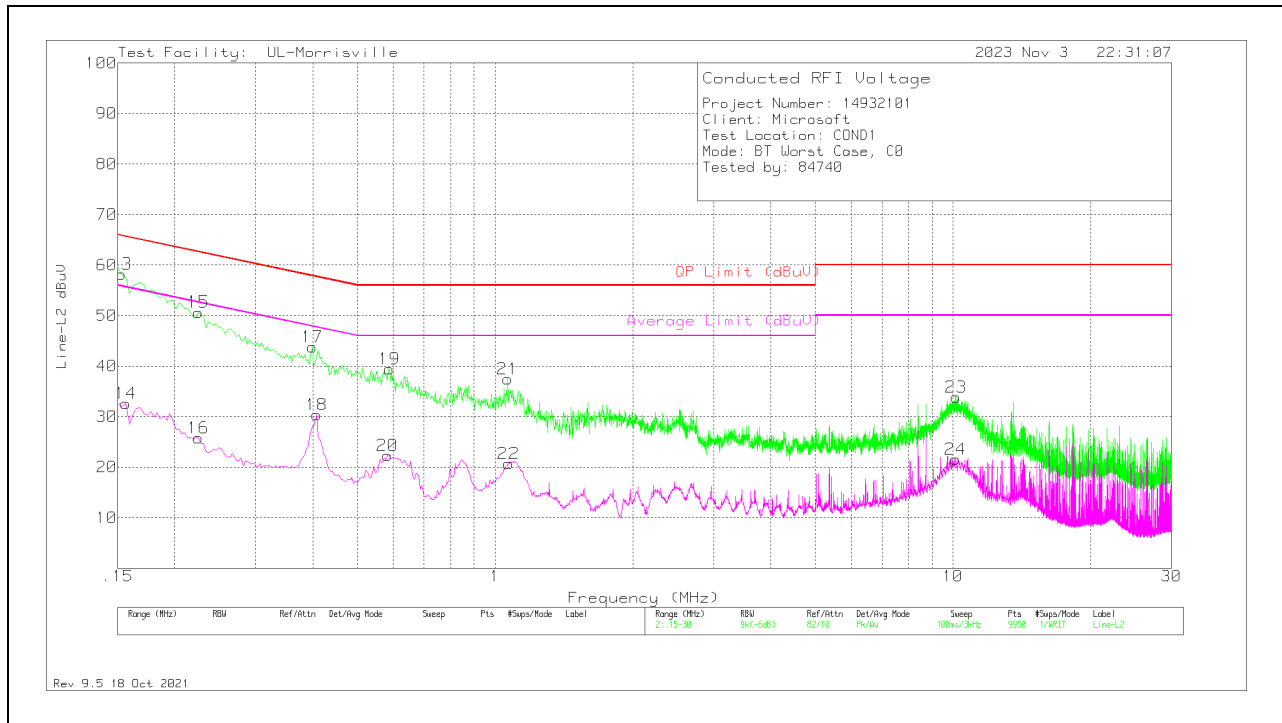
Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	48.68	Pk	.3	9.8	58.78	65.84	-7.06	-	-
2	.168	21.82	Av	.3	9.8	31.92	-	-	55.06	-23.14
3	.234	39.6	Pk	.2	9.8	49.6	62.31	-12.71	-	-
4	.243	12.24	Av	.2	9.8	22.24	-	-	51.99	-29.75
5	.411	33.19	Pk	.1	9.8	43.09	57.63	-14.54	-	-
6	.402	17.76	Av	.1	9.8	27.66	-	-	47.81	-20.15
7	.588	28.91	Pk	.1	9.8	38.81	56	-17.19	-	-
8	.585	11.13	Av	.1	9.8	21.03	-	-	46	-24.97
9	1.074	23.42	Pk	.1	9.8	33.32	56	-22.68	-	-
10	1.065	5.47	Av	.1	9.8	15.37	-	-	46	-30.63
11	10.947	25.51	Pk	.1	10	35.61	60	-24.39	-	-
12	10.95	12.77	Av	.1	10	22.87	-	-	50	-27.13

Pk - Peak detector

Av - Average detection

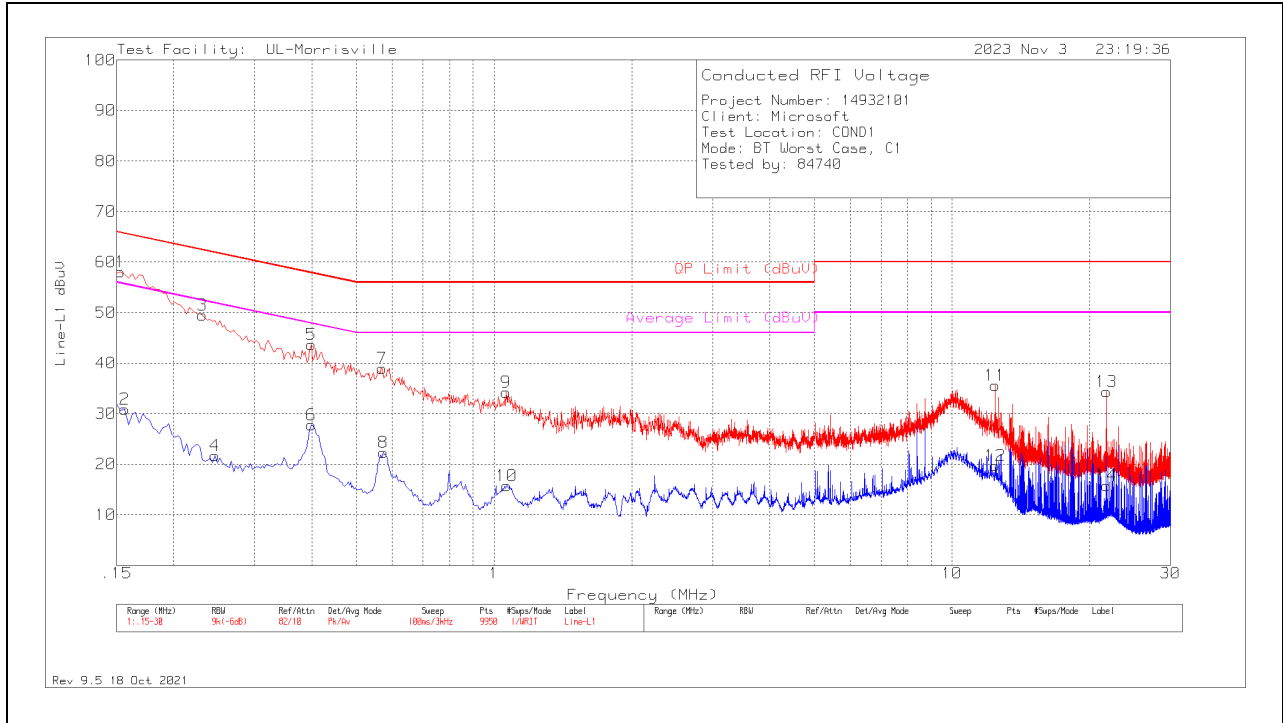
LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	48.15	Pk	.3	9.8	58.25	65.84	-7.59	-	-
14	.156	22.49	Av	.3	9.8	32.59	-	-	55.67	-23.08
15	.225	40.68	Pk	.2	9.8	50.68	62.63	-11.95	-	-
16	.225	15.81	Av	.2	9.8	25.81	-	-	52.63	-26.82
17	.399	33.86	Pk	.1	9.8	43.76	57.87	-14.11	-	-
18	.408	20.46	Av	.1	9.8	30.36	-	-	47.69	-17.33
19	.588	29.58	Pk	.1	9.8	39.48	56	-16.52	-	-
20	.582	12.45	Av	.1	9.8	22.35	-	-	46	-23.65
21	1.065	27.61	Pk	.1	9.8	37.51	56	-18.49	-	-
22	1.071	10.78	Av	.1	9.8	20.68	-	-	46	-25.32
23	10.149	23.77	Pk	.1	10	33.87	60	-26.13	-	-
24	10.134	11.44	Av	.1	10	21.54	-	-	50	-28.46

Pk - Peak detector
 Av - Average detection

11.1.2. CHAIN 1
LINE 1 RESULTS

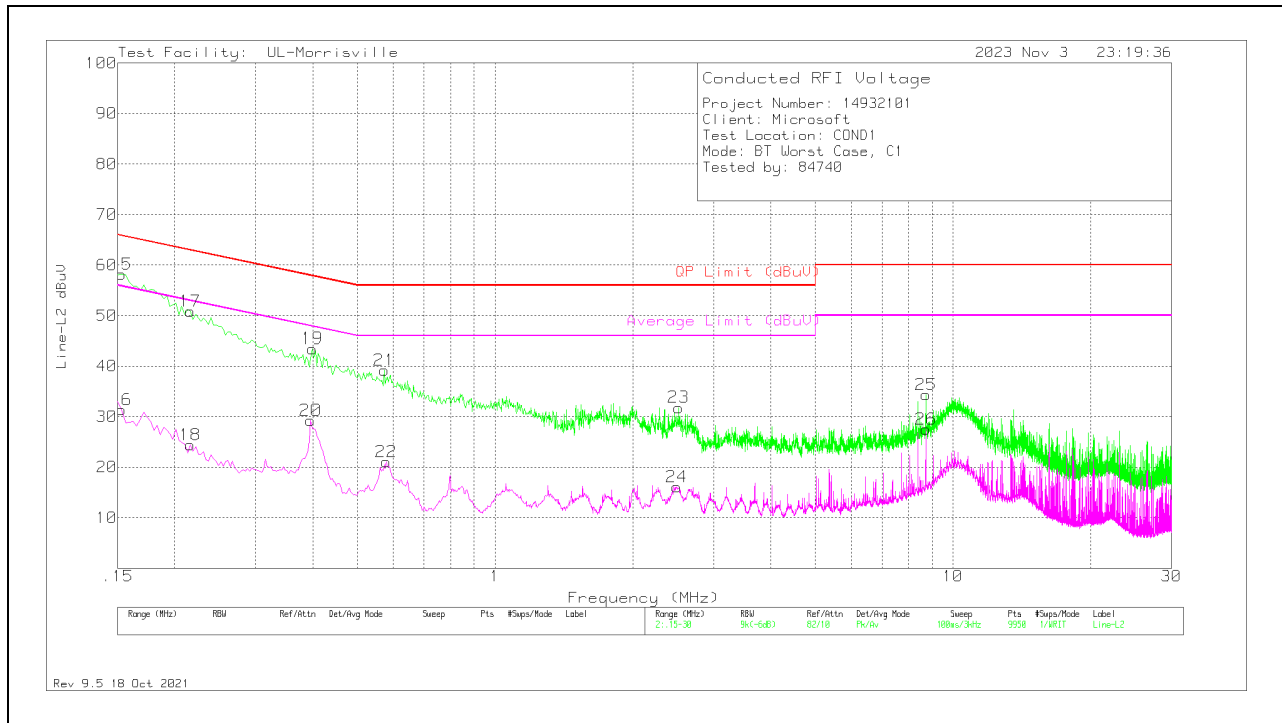


Range 1: Line-L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	47.96	Pk	.3	9.8	58.06	65.84	-7.78	-	-
2	.156	20.81	Av	.3	9.8	30.91	-	-	55.67	-24.76
3	.231	39.55	Pk	.2	9.8	49.55	62.41	-12.86	-	-
4	.246	11.69	Av	.2	9.8	21.69	-	-	51.89	-30.2
5	.399	33.77	Pk	.1	9.8	43.67	57.87	-14.2	-	-
6	.399	17.9	Av	.1	9.8	27.8	-	-	47.87	-20.07
7	.57	29.09	Pk	.1	9.8	38.99	56	-17.01	-	-
8	.573	12.37	Av	.1	9.8	22.27	-	-	46	-23.73
9	1.062	24.29	Pk	.1	9.8	34.19	56	-21.81	-	-
10	1.065	5.84	Av	.1	9.8	15.74	-	-	46	-30.26
11	12.429	25.53	Pk	.1	10	35.63	60	-24.37	-	-
12	12.429	9.64	Av	.1	10	19.74	-	-	50	-30.26
13	21.741	23.98	Pk	.2	10.2	34.38	60	-25.62	-	-
14	21.726	5.39	Av	.2	10.2	15.79	-	-	50	-34.21

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS

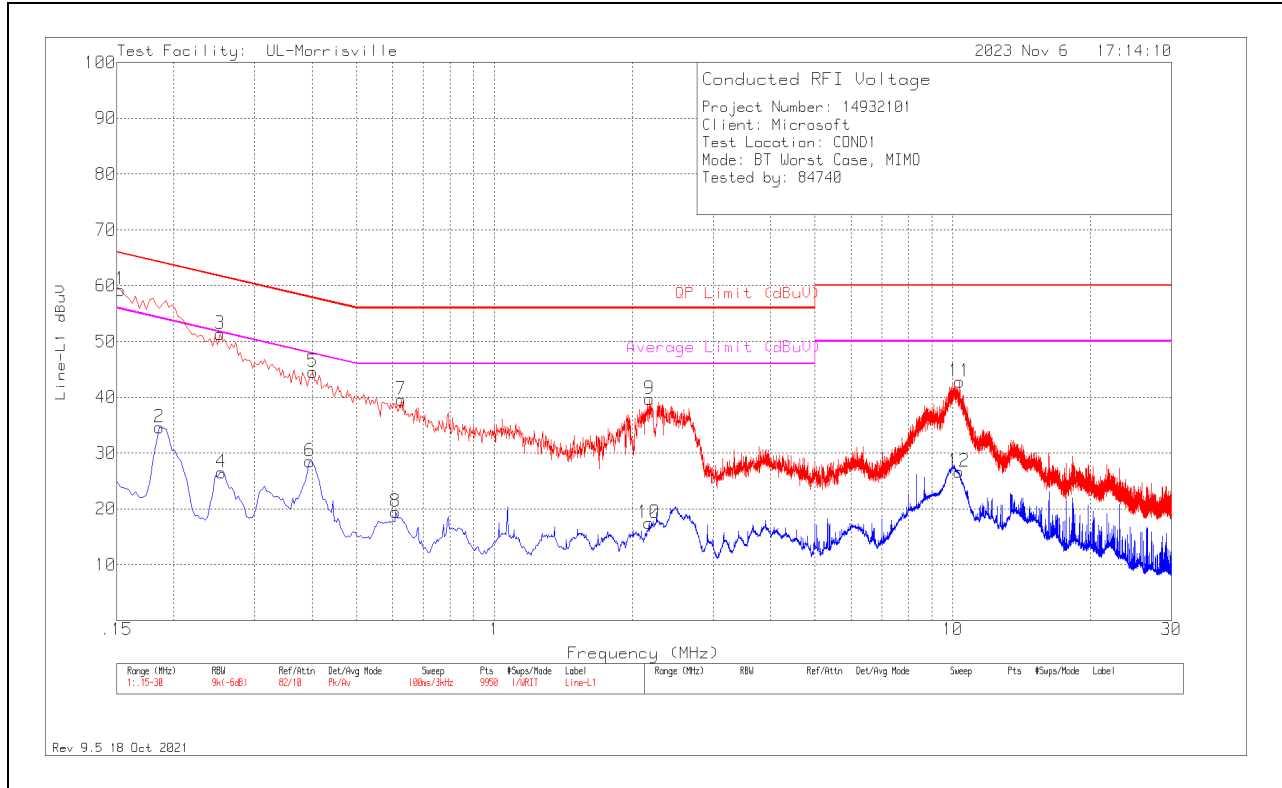


Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
15	.153	48.12	Pk	.3	9.8	58.22	65.84	-7.62	-	-
16	.153	21.26	Av	.3	9.8	31.36	-	-	55.84	-24.48
17	.216	40.89	Pk	.2	9.8	50.89	62.97	-12.08	-	-
18	.216	14.46	Av	.2	9.8	24.46	-	-	52.97	-28.51
19	.399	33.58	Pk	.1	9.8	43.48	57.87	-14.39	-	-
20	.396	19.32	Av	.1	9.8	29.22	-	-	47.94	-18.72
21	.573	29.31	Pk	.1	9.8	39.21	56	-16.79	-	-
22	.579	11.16	Av	.1	9.8	21.06	-	-	46	-24.94
23	2.517	21.91	Pk	.1	9.8	31.81	56	-24.19	-	-
24	2.496	6.25	Av	.1	9.8	16.15	-	-	46	-29.85
25	8.721	24.24	Pk	.1	10	34.34	60	-25.66	-	-
26	8.724	17.47	Av	.1	10	27.57	-	-	50	-22.43

Pk - Peak detector
 Av - Average detection

11.1.3. 2Tx

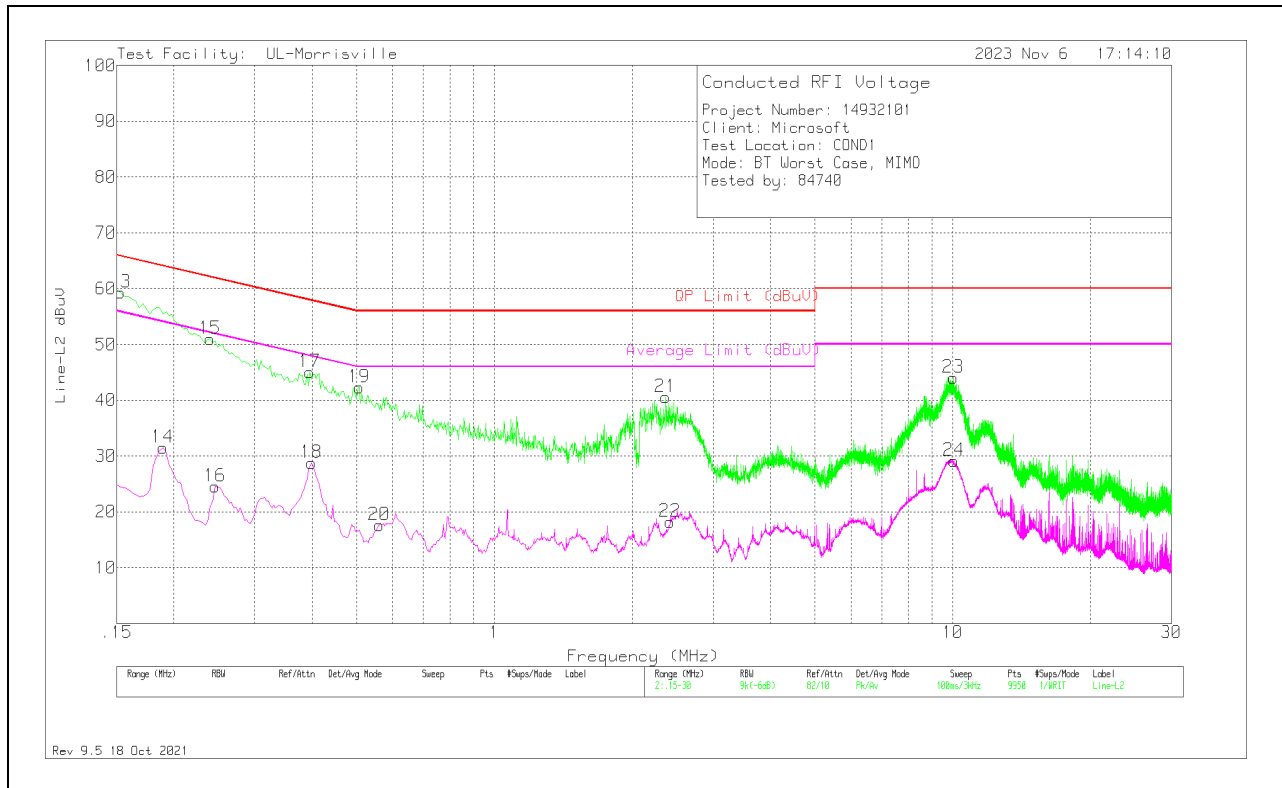
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	49.15	Pk	.3	9.8	59.25	65.84	-6.59	-	-
2	.186	24.66	Av	.2	9.8	34.66	-	-	54.21	-19.55
3	.252	41.31	Pk	.2	9.8	51.31	61.69	-10.38	-	-
4	.2535	16.5	Av	.2	9.8	26.5	-	-	51.64	-25.14
5	.402	34.58	Pk	.1	9.8	44.48	57.81	-13.33	-	-
6	.396	18.6	Av	.1	9.8	28.5	-	-	47.94	-19.44
7	.627	29.7	Pk	.1	9.8	39.6	56	-16.4	-	-
8	.609	9.52	Av	.1	9.8	19.42	-	-	46	-26.58
9	2.178	29.8	Pk	.1	9.8	39.7	56	-16.3	-	-
10	2.175	7.62	Av	.1	9.8	17.52	-	-	46	-28.48
11	10.341	32.68	Pk	.1	10	42.78	60	-17.22	-	-
12	10.314	16.59	Av	.1	10	26.69	-	-	50	-23.31

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	49.23	Pk	.3	9.8	59.33	65.84	-6.51	-	-
14	.189	21.48	Av	.2	9.8	31.48	-	-	54.08	-22.6
15	.24	40.99	Pk	.2	9.8	50.99	62.1	-11.11	-	-
16	.246	14.6	Av	.2	9.8	24.6	-	-	51.89	-27.29
17	.396	35.15	Pk	.1	9.8	45.05	57.94	-12.89	-	-
18	.399	18.85	Av	.1	9.8	28.75	-	-	47.87	-19.12
19	.507	32.36	Pk	.1	9.8	42.26	56	-13.74	-	-
20	.561	7.66	Av	.1	9.8	17.56	-	-	46	-28.44
21	2.367	30.63	Pk	.1	9.8	40.53	56	-15.47	-	-
22	2.418	8.31	Av	.1	9.8	18.21	-	-	46	-27.79
23	10.041	33.96	Pk	.1	10	44.06	60	-15.94	-	-
24	10.062	19.09	Av	.1	10	29.19	-	-	50	-20.81

Pk - Peak detector
 Av - Average detection

12. SETUP PHOTOS

Please refer to R14932101-EP1a for setup photos

END OF TEST REPORT