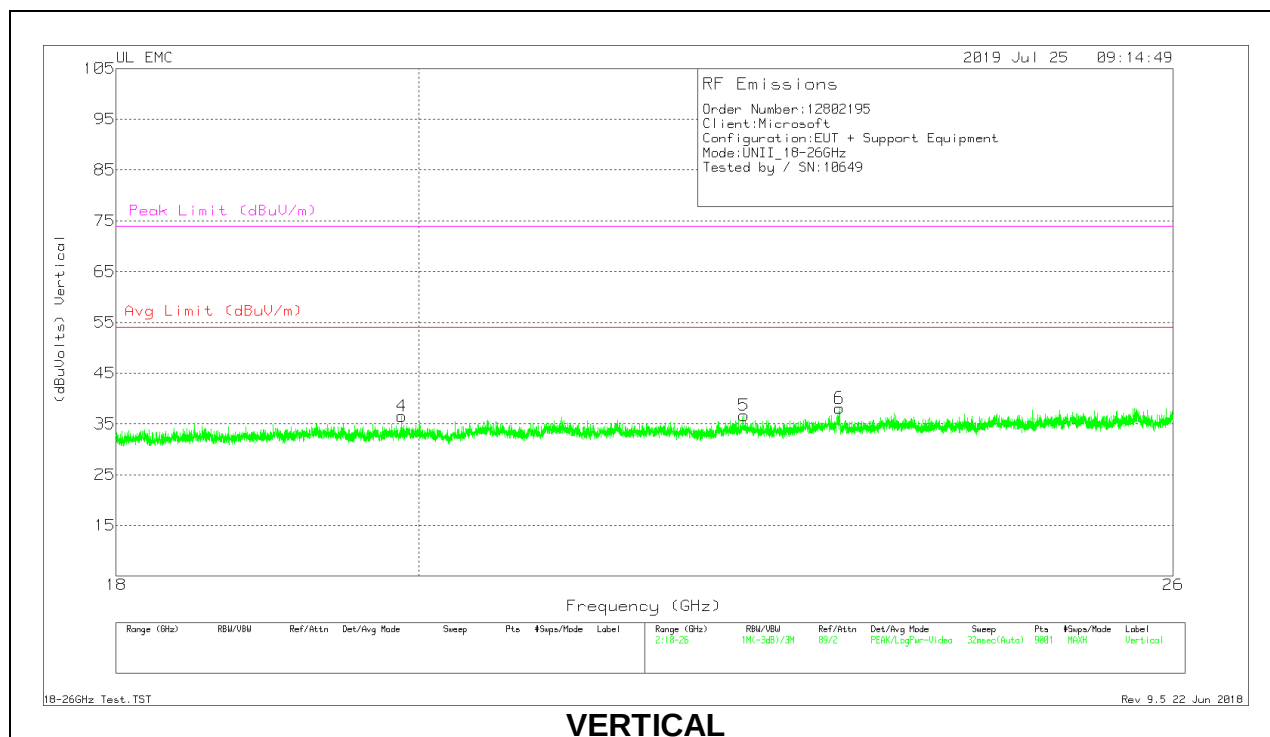
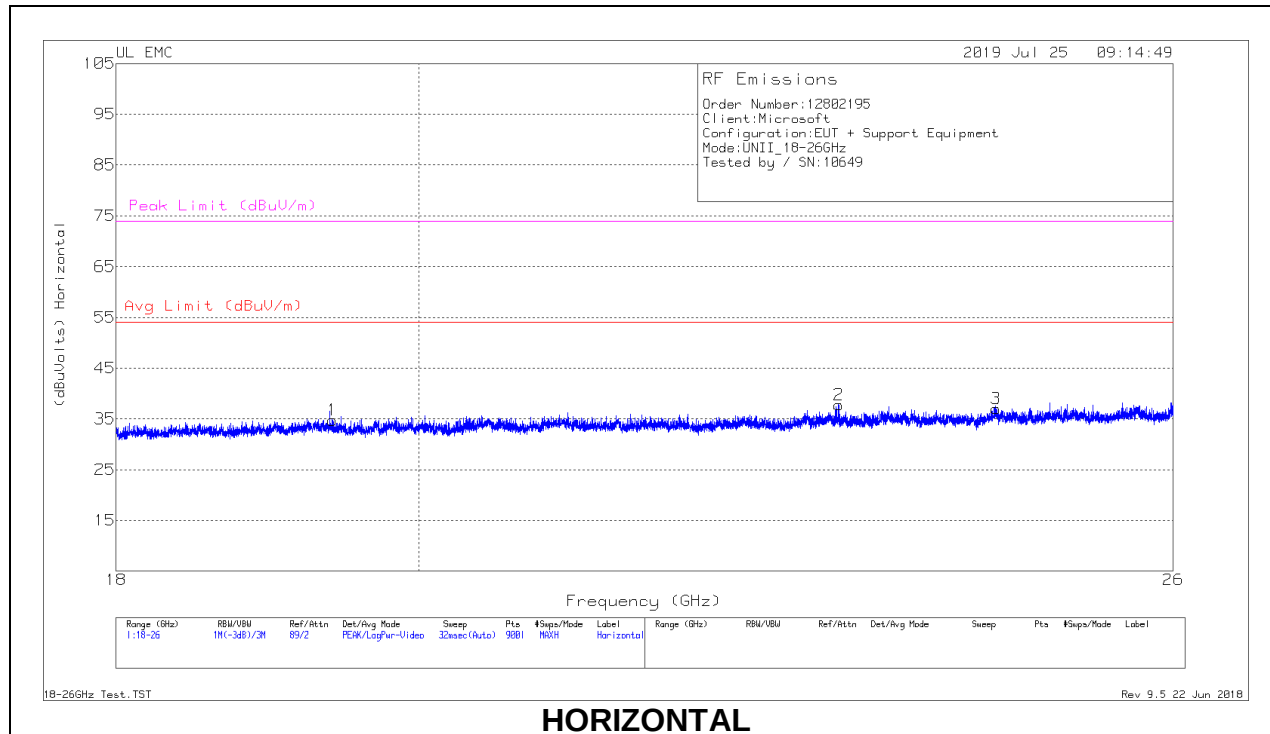


9.5. WORST CASE 18-26 GHZ

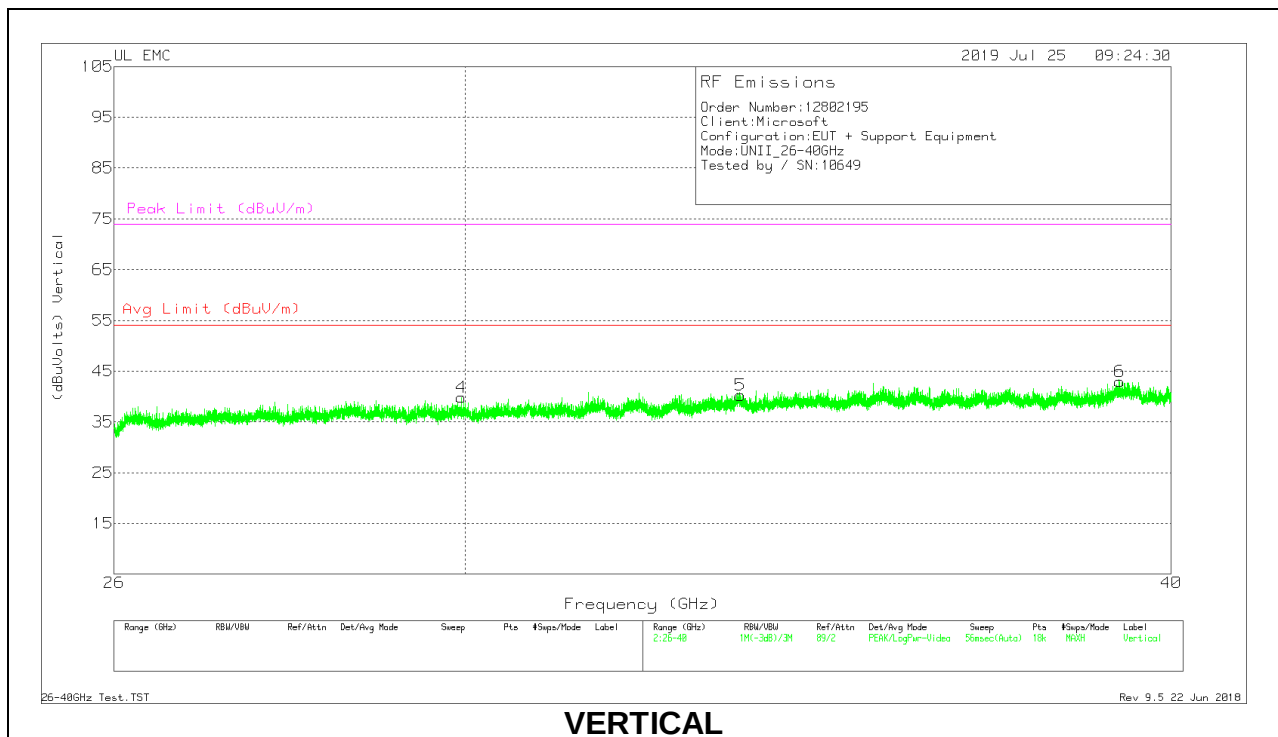
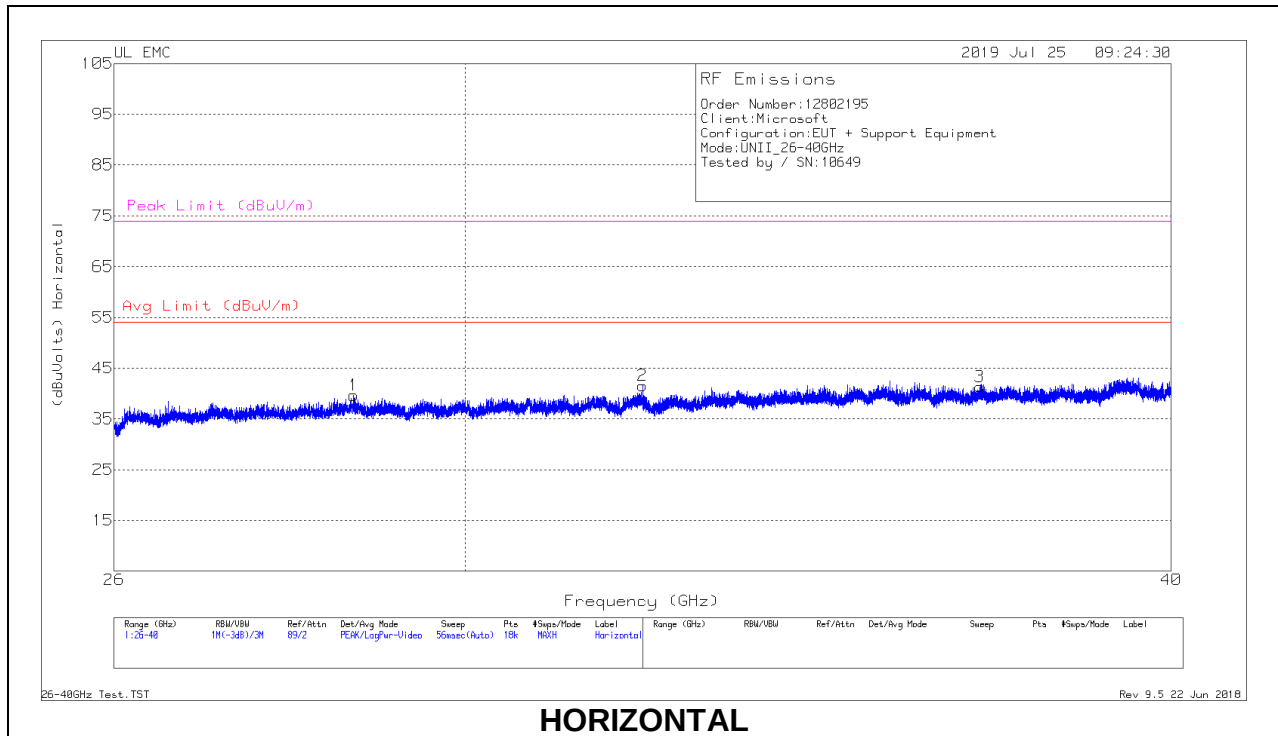


18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0182188 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	19.407	67.84	Pk	33.2	-56.8	-9.5	34.74	54	-19.26	74	-39.26
2	23.146	70.66	Pk	34.2	-57.6	-9.5	37.76	54	-16.24	74	-36.24
3	24.447	67.92	Pk	34.6	-56	-9.5	37.02	54	-16.98	74	-36.98
4	19.881	69.84	Pk	33.2	-57	-9.5	36.54	54	-17.46	74	-37.46
5	22.393	69.78	Pk	34.1	-57.7	-9.5	36.68	54	-17.32	74	-37.32
6	23.149	71	Pk	34.2	-57.6	-9.5	38.1	54	-15.9	74	-35.9

Pk - Peak detector

9.6. WORST CASE 26-40 GHZ



26 – 40GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF PRE0182201 (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBuVolts)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)
1	28.666	66.72	Pk	35.7	-53.3	-9.5	39.62	54	-14.38	74	-34.38
2	32.247	68.04	Pk	36.5	-53.5	-9.5	41.54	54	-12.46	74	-32.46
3	36.995	69.04	Pk	37.2	-55.4	-9.5	41.34	54	-12.66	74	-32.66
4	29.952	66.85	Pk	36	-53.5	-9.5	39.85	54	-14.15	74	-34.15
5	33.56	66.33	Pk	37	-53.6	-9.5	40.23	54	-13.77	74	-33.77
6	39.17	68.87	Pk	38.2	-54.6	-9.5	42.97	54	-11.03	74	-31.03

Pk - Peak detector

10. 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.

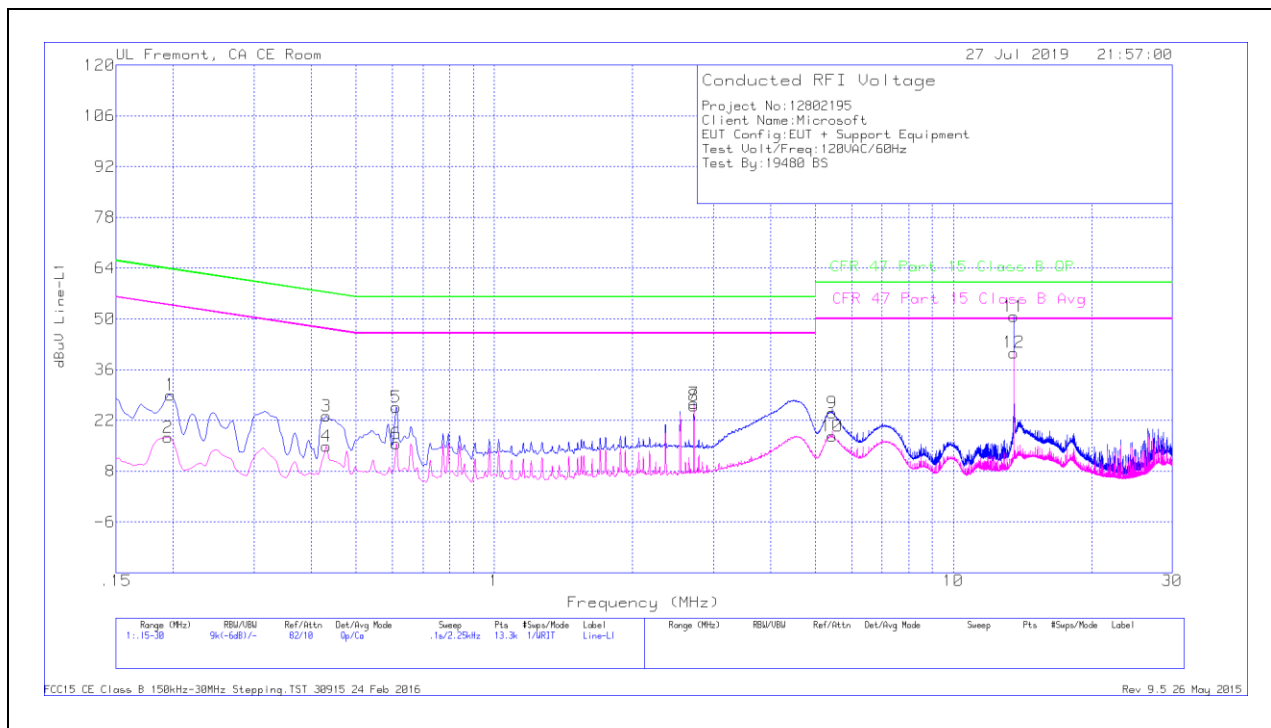
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS



Trace Markers

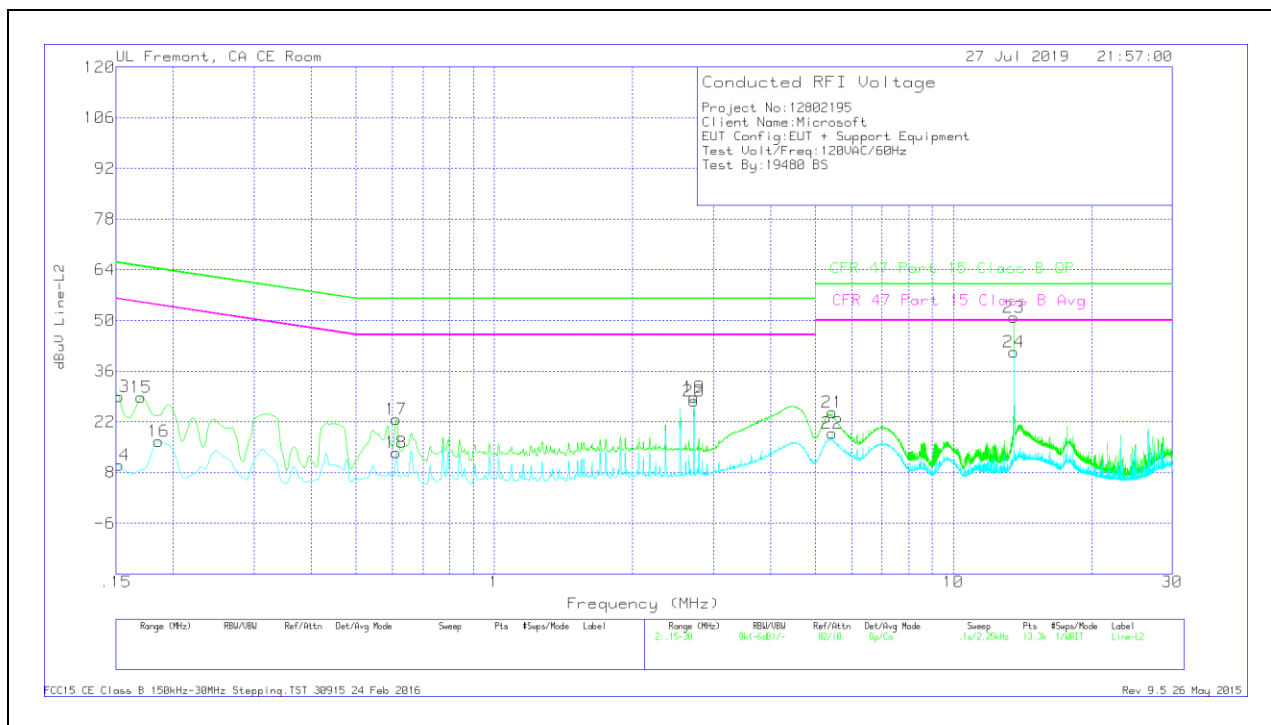
Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.19725	18.95	Qp	0	0	10.1	29.05	63.73	-34.68	-	-
2	.195	7.29	Ca	0	0	10.1	17.39	-	-	53.82	-36.43
3	.43125	13.11	Qp	0	0	10.1	23.21	57.23	-34.02	-	-
4	.43125	4.83	Ca	0	0	10.1	14.93	-	-	47.23	-32.3
5	.61125	15.64	Qp	0	0	10.1	25.74	56	-30.26	-	-
6	.61125	5.48	Ca	0	0	10.1	15.58	-	-	46	-30.42
7	2.724	16.43	Qp	0	.1	10.1	26.63	56	-29.37	-	-
8	2.724	15.87	Ca	0	.1	10.1	26.07	-	-	46	-19.93
9	5.45775	13.83	Qp	0	.1	10.1	24.03	60	-35.97	-	-
10	5.4555	7.47	Ca	0	.1	10.1	17.67	-	-	50	-32.33
11	13.56	40.23	Qp	.1	.2	10.2	50.73	60	-9.27	-	-
12	13.56	30.2	Ca	.1	.2	10.2	40.7	-	-	50	-9.3

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 11 and 12, 13.56MHz is an external NFC signal unrelated to the EUT.

LINE 2 RESULTS



Trace Markers

Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.15225	18.77	Qp	.1	0	10.1	28.97	65.88	-36.91	-	-
14	.15225	-21	Ca	.1	0	10.1	9.99	-	-	55.88	-45.89
15	.17025	18.74	Qp	0	0	10.1	28.84	64.95	-36.11	-	-
16	.186	6.47	Ca	0	0	10.1	16.57	-	-	54.21	-37.64
17	.61125	12.56	Qp	0	0	10.1	22.66	56	-33.34	-	-
18	.61125	3.44	Ca	0	0	10.1	13.54	-	-	46	-32.46
19	2.724	18.57	Qp	0	.1	10.1	28.77	56	-27.23	-	-
20	2.724	17.53	Ca	0	.1	10.1	27.73	-	-	46	-18.27
21	5.44875	14.42	Qp	0	.1	10.1	24.62	60	-35.38	-	-
22	5.4465	8.61	Ca	0	.1	10.1	18.81	-	-	50	-31.19
23	13.56	40.43	Qp	.1	.2	10.2	50.93	60	-9.07	-	-
24	13.56	30.85	Ca	.1	.2	10.2	41.35	-	-	50	-8.65

Qp - Quasi-Peak detector

Ca - CISPR average detection

NOTE: Markers 23 and 24, 13.56MHz is an external NFC signal unrelated to the EUT.