

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
RSS-Gen 8.8

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

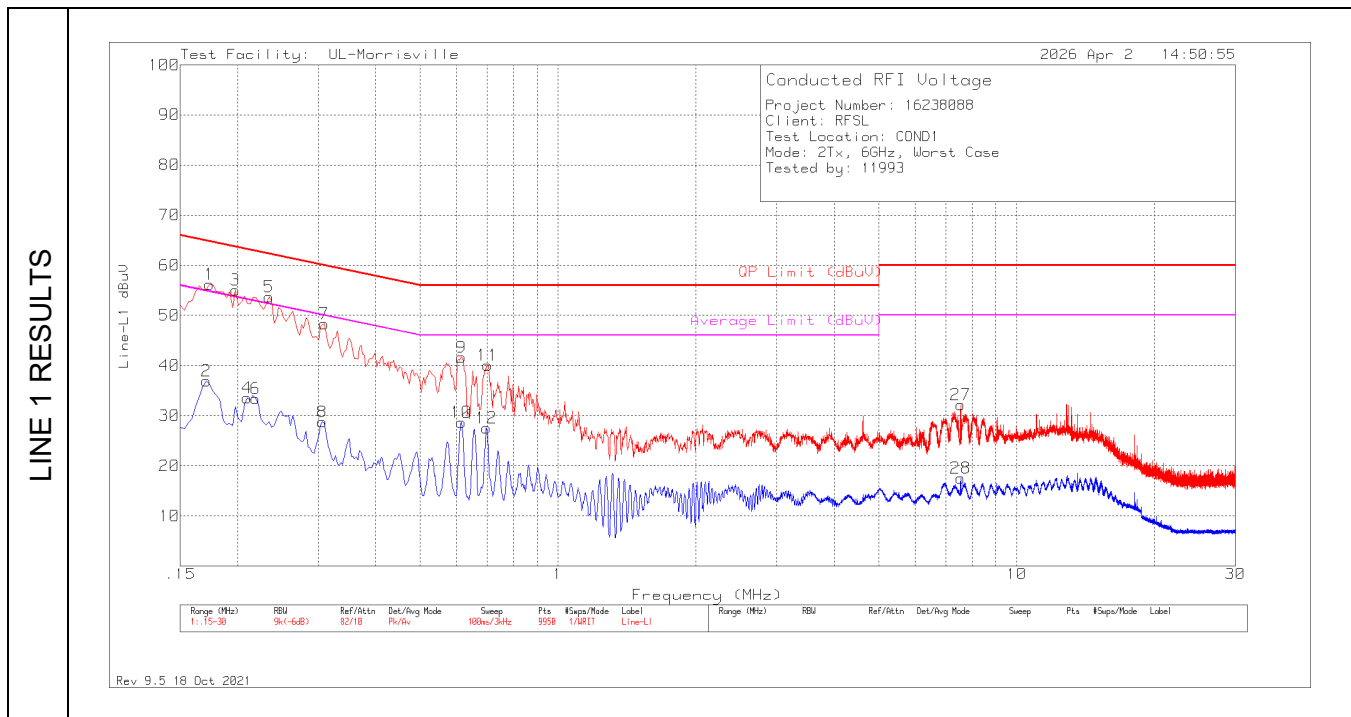
*Decreases with the logarithm of the frequency.

TEST PROCEDURE

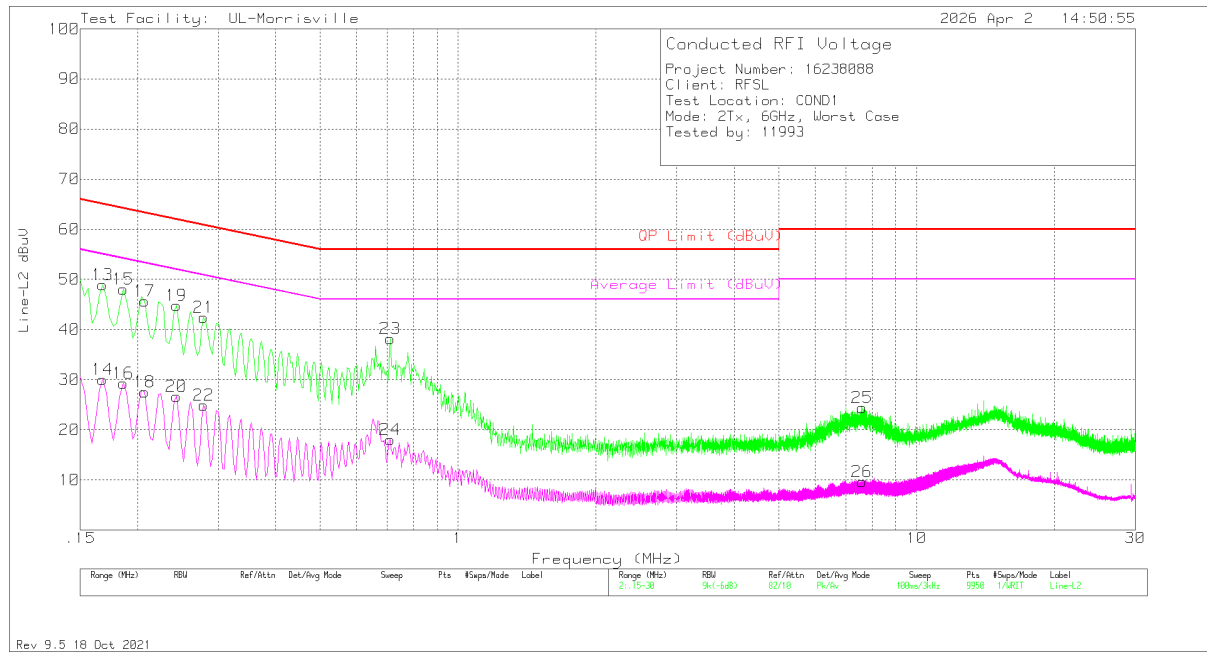
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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.



LINE 2 RESULTS



Chain	Line	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)
MIMO	1	2	.171	27.07	Av	.2	9.7	36.97	-	-	54.91	-17.94
		1	.174	46.3	Pk	.2	9.7	56.2	64.77	-8.57	-	-
		3	.198	45.26	Pk	.1	9.7	55.06	63.69	-8.63	-	-
		4	.21	23.71	Av	.1	9.7	33.51	-	-	53.21	-19.7
		6	.219	23.59	Av	.1	9.7	33.39	-	-	52.86	-19.47
		5	.234	43.86	Pk	.1	9.7	53.66	62.31	-8.65	-	-
		8	.306	18.93	Av	.1	9.7	28.73	-	-	50.08	-21.35
		7	.309	38.47	Pk	.1	9.7	48.27	60	-11.73	-	-
		9	.615	31.92	Pk	0	9.7	41.62	56	-14.38	-	-
		10	.615	18.98	Av	0	9.7	28.68	-	-	46	-17.32
		12	.699	17.81	Av	0	9.7	27.51	-	-	46	-18.49
		11	.702	30.4	Pk	0	9.7	40.1	56	-15.9	-	-
		27	7.548	22.44	Pk	0	9.7	32.14	60	-27.86	-	-
		28	7.548	7.8	Av	0	9.7	17.5	-	-	50	-32.5
	2	13	.168	39.08	Pk	.2	9.7	48.98	65.06	-16.08	-	-
		14	.168	20.15	Av	.2	9.7	30.05	-	-	55.06	-25.01
		15	.186	38.14	Pk	.2	9.7	48.04	64.21	-16.17	-	-
		16	.186	19.37	Av	.2	9.7	29.27	-	-	54.21	-24.94
		17	.207	35.88	Pk	.1	9.7	45.68	63.32	-17.64	-	-
		18	.207	17.74	Av	.1	9.7	27.54	-	-	53.32	-25.78
		19	.243	34.96	Pk	.1	9.7	44.76	61.99	-17.23	-	-
		20	.243	16.83	Av	.1	9.7	26.63	-	-	51.99	-25.36
		21	.279	32.65	Pk	.1	9.7	42.45	60.85	-18.4	-	-
		22	.279	15.15	Av	.1	9.7	24.95	-	-	50.85	-25.9
		23	.711	28.45	Pk	0	9.7	38.15	56	-17.85	-	-
		24	.711	8.29	Av	0	9.7	17.99	-	-	46	-28.01
		26	7.596	-11	Av	0	9.7	9.59	-	-	50	-40.41
		25	7.617	14.64	Pk	.1	9.7	24.44	60	-35.56	-	-

Pk – Peak Detector

Av – Average Detector

13. SETUP PHOTOS

Please refer to R16238088-EP1 for setup photos

END OF TEST REPORT