

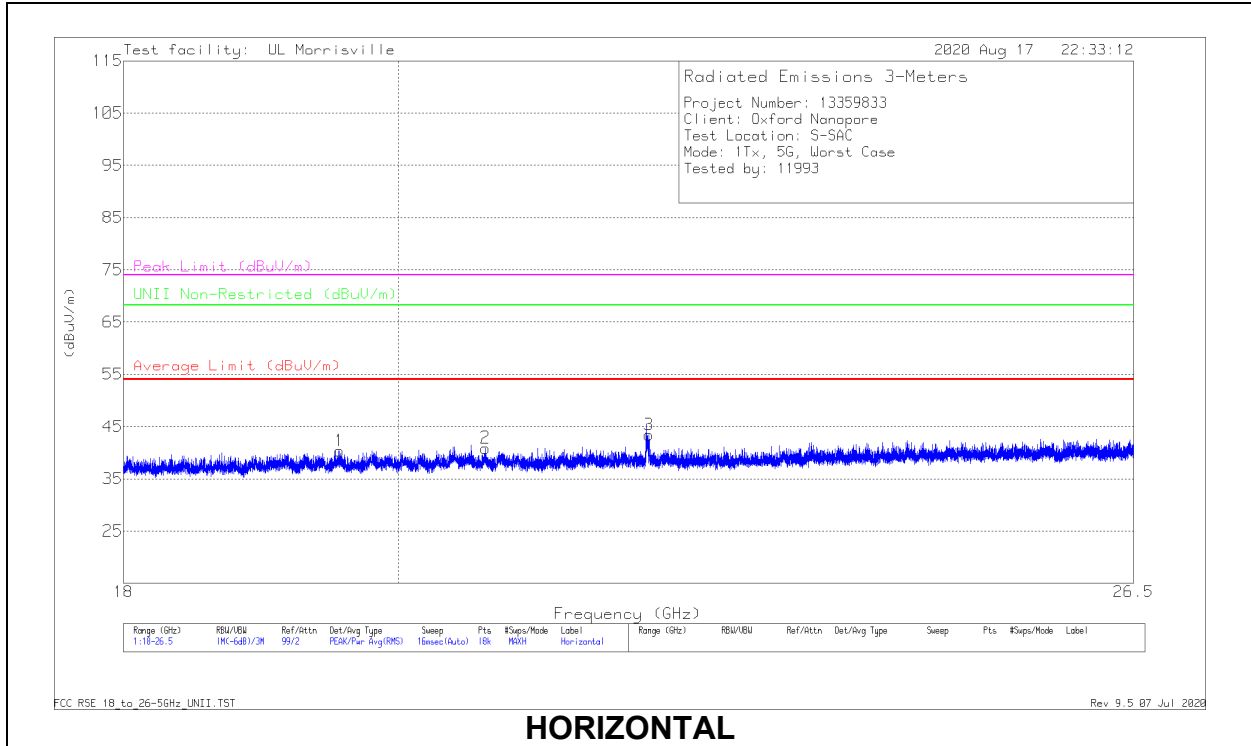
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AT0081 AF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	93.894	35.89	Pk	14.9	-30.6	20.19	43.52	-23.33	0-360	200	H
4	93.9365	48.48	Pk	14.9	-30.6	32.78	43.52	-10.74	0-360	101	V
2	330.717	31.9	Pk	20.1	-28.7	23.3	46.02	-22.72	0-360	199	H
5	488.3375	34.07	Pk	23.7	-27.8	29.97	46.02	-16.05	0-360	200	V
3	492.638	33.67	Pk	23.7	-27.7	29.67	46.02	-16.35	0-360	199	H
6	820.7807	33.03	Pk	27.7	-26.3	34.43	46.02	-11.59	0-360	300	V

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

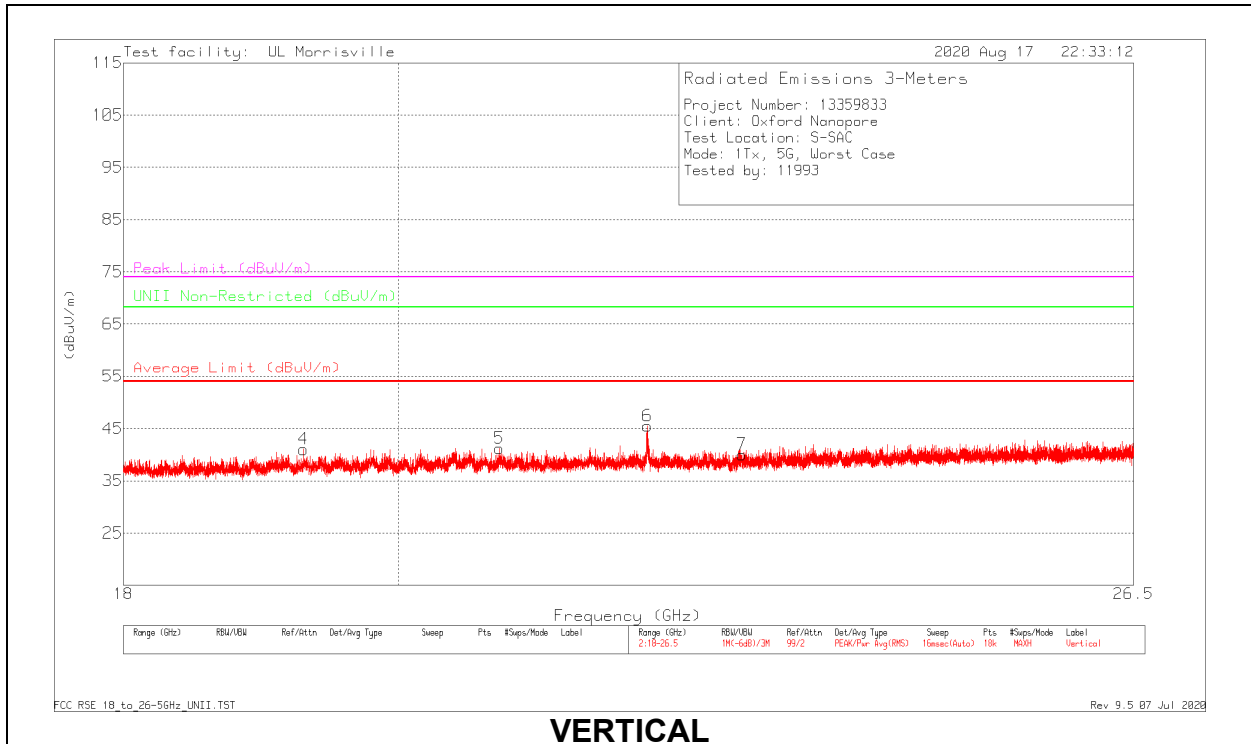
** - indicates frequency in Taiwan NCC LP0002 Restricted Band

Pk - Peak detector

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



HORIZONTAL



VERTICAL

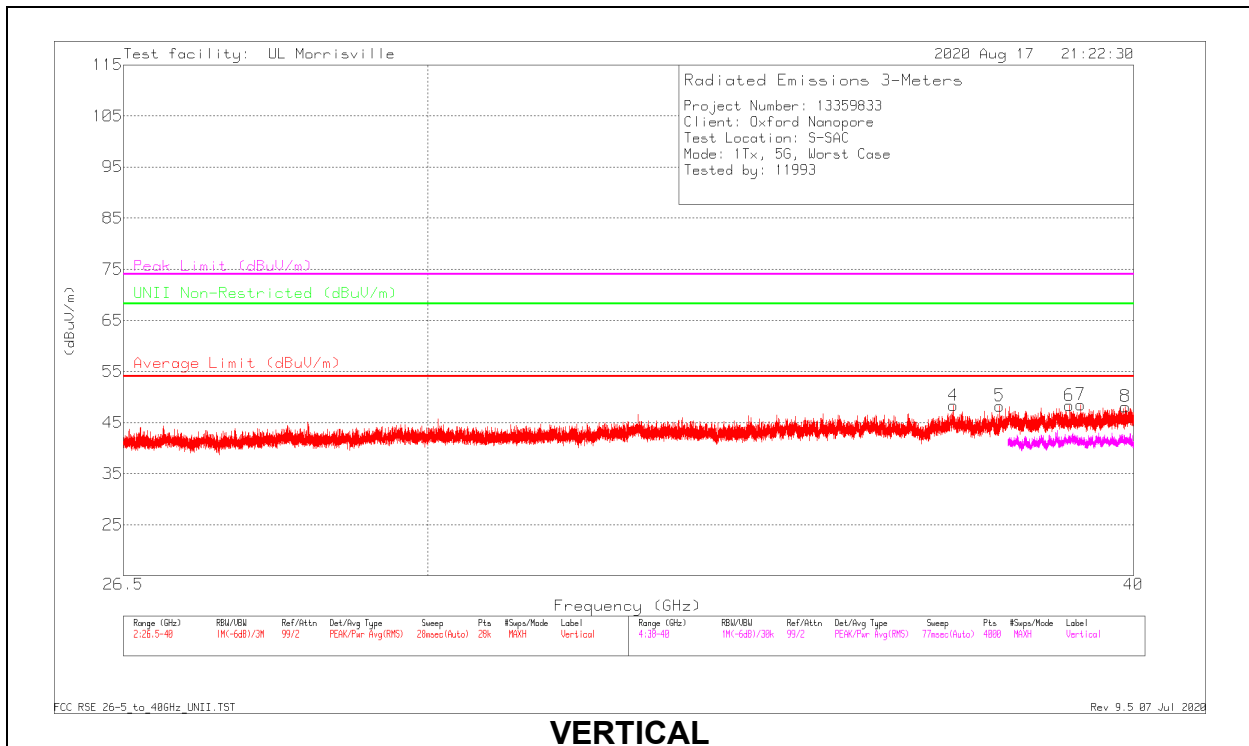
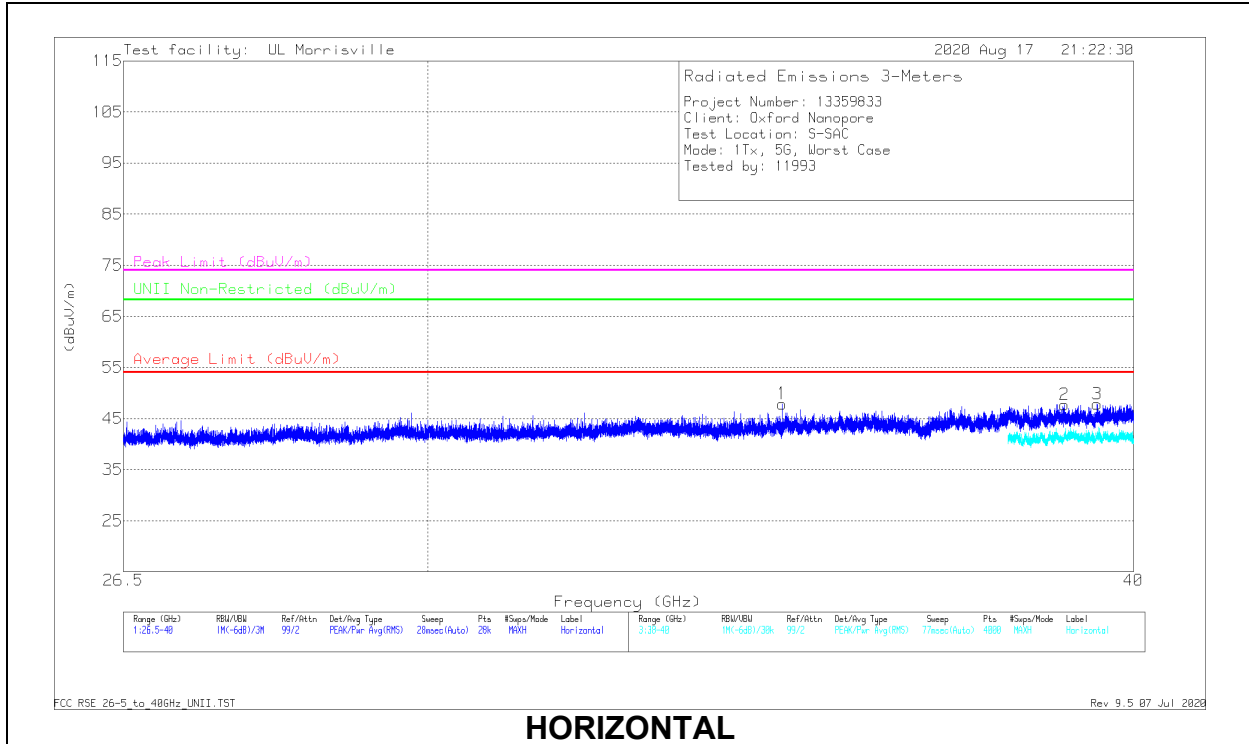
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0076 AF (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* ** 19.55417	46.56	Pk	32.8	-39	40.36	54	-13.64	74	-33.64	-	-	0-360	199	H
2	* ** 20.67859	46.59	Pk	33	-38.7	40.89	54	-13.11	74	-33.11	-	-	0-360	300	H
3	* ** 22.01269	49.04	Pk	33.6	-39.2	43.44	54	-10.56	74	-30.56	-	-	0-360	249	H
4	* ** 19.28357	47.23	Pk	32.8	-39	41.03	54	-12.97	74	-32.97	-	-	0-360	250	V
5	* ** 20.78485	47.17	Pk	33.1	-39.1	41.17	54	-12.83	74	-32.83	-	-	0-360	150	V
7	* ** 22.8089	45.53	Pk	33.6	-39.1	40.03	54	-13.97	74	-33.97	-	-	0-360	200	V
6	21.999	50.83	Pk	33.6	-38.9	45.53	54	-8.47	74	-28.47	68.2	-22.67	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

SPURIOUS EMISSIONS 26-40GHz (WORST-CASE CONFIGURATION)



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AT0077 AF (dB/m)	Amp/Cbl (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	*** 38.88621	46.2	Pk	38.7	-37.2	0	47.7	54	-6.3	74	-26.3	-	-	0-360	149	H
3	*** 39.41128	46.25	Pk	38.6	-37	0	47.85	54	-6.15	74	-26.15	-	-	0-360	250	H
6	*** 38.96978	47.52	PK-U	38.5	-37.1	0	48.92	-	-	74	-25.08	-	-	81	237	V
	*** 38.96807	34.43	ADV	38.5	-37.1	.62	36.45	54	-17.55	-	-	-	-	81	237	V
7	*** 39.14997	46.84	PK-U	38.5	-37	0	48.34	-	-	74	-25.66	-	-	14	244	V
	*** 39.14836	33.7	ADV	38.5	-37	.62	35.82	54	-18.18	-	-	-	-	14	244	V
8	*** 39.86815	46.51	PK-U	38.6	-36.6	0	48.51	-	-	74	-25.49	-	-	265	108	V
	*** 39.86691	33.26	ADV	38.6	-36.6	.62	35.88	54	-18.12	-	-	-	-	265	108	V
1	34.66538	47.7	Pk	37.3	-37.1	0	47.9	54	-6.1	74	-26.1	68.2	-20.3	0-360	250	H
4	37.16399	47.99	PK-U	38.1	-37.8	0	48.29	54	-5.71	74	-25.71	68.2	-19.91	87	123	V
5	37.87362	47.2	PK-U	38.1	-37.9	0	47.4	54	-6.6	74	-26.6	68.2	-20.8	0	329	V

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

** - indicates frequency in Taiwan NCC LP0002 Restricted Band

PK-U – Maximum Peak Detector

ADV – Linear Voltage Detector

Pk - Peak detector

13. 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

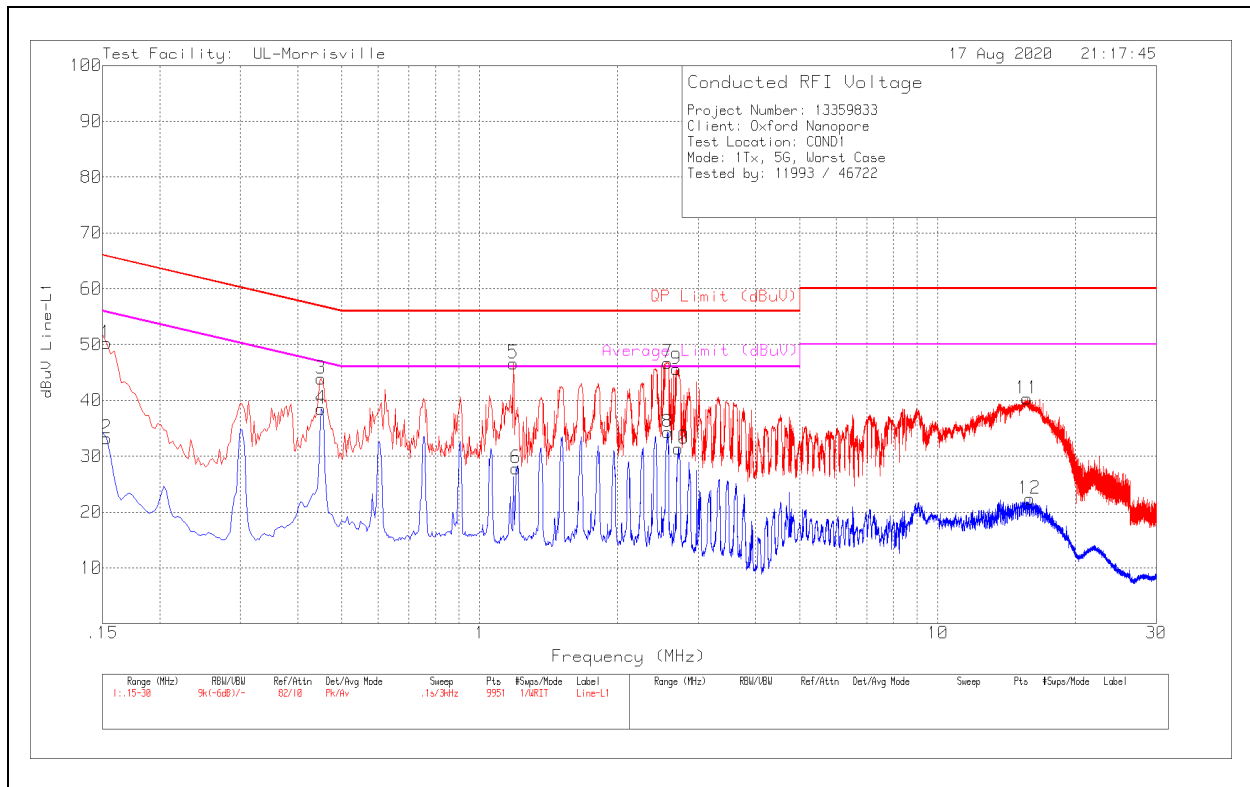
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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.

13.1.1. AC POWER LINE NORM

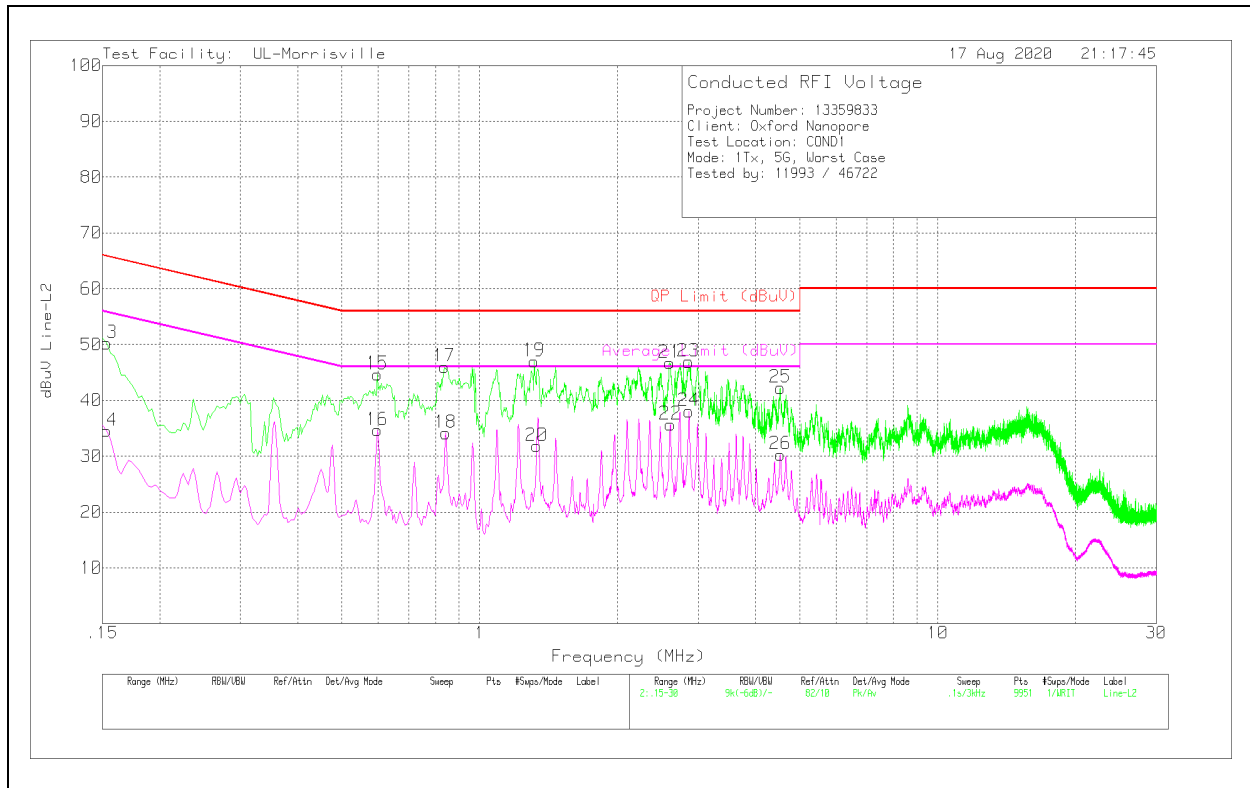
LINE 1 RESULTS



Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.153	40.41	Pk	.2	9.7	50.31	65.84	-15.53	-	-
2	.153	23.35	Av	.2	9.7	33.25	-	-	55.84	-22.59
3	.45	33.97	Pk	.1	9.8	43.87	56.88	-13.01	-	-
4	.45	28.64	Av	.1	9.8	38.54	-	-	46.88	-8.34
5	1.185	36.85	Pk	0	9.8	46.65	56	-9.35	-	-
6	1.2	18.06	Av	0	9.8	27.86	-	-	46	-18.14
7	2.568	36.98	Pk	0	9.8	46.78	56	-9.22	-	-
8	2.571	24.5	Av	0	9.8	34.3	-	-	46	-11.7
9	2.688	35.8	Pk	0	9.8	45.6	56	-10.4	-	-
10	2.709	21.6	Av	0	9.8	31.4	-	-	46	-14.6
11	15.654	30.11	Pk	.1	10.1	40.31	60	-19.69	-	-
12	15.855	12.18	Av	.1	10.1	22.38	-	-	50	-27.62

Pk - Peak detector
 Av - Average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VCF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.153	40.34	Pk	.2	9.7	50.24	65.84	-15.6	-	-
14	.153	24.65	Av	.2	9.7	34.55	-	-	55.84	-21.29
15	.597	34.88	Pk	0	9.8	44.68	56	-11.32	-	-
16	.597	24.89	Av	0	9.8	34.69	-	-	46	-11.31
17	.837	36.25	Pk	0	9.8	46.05	56	-9.95	-	-
18	.843	24.35	Av	0	9.8	34.15	-	-	46	-11.85
19	1.314	37.23	Pk	0	9.8	47.03	56	-8.97	-	-
20	1.332	22.02	Av	0	9.8	31.82	-	-	46	-14.18
21	2.598	36.89	Pk	0	9.8	46.69	56	-9.31	-	-
22	2.607	25.91	Av	0	9.8	35.71	-	-	46	-10.29
23	2.856	37.12	Pk	0	9.8	46.92	56	-9.08	-	-
24	2.859	28.27	Av	0	9.8	38.07	-	-	46	-7.93
25	4.527	32.35	Pk	0	9.9	42.25	56	-13.75	-	-
26	4.53	20.42	Av	0	9.9	30.32	-	-	46	-15.68

Pk - Peak detector
 Av - Average detection

14. SETUP PHOTOS

Please refer to R13359833-EP4 for setup photos

END OF TEST REPORT