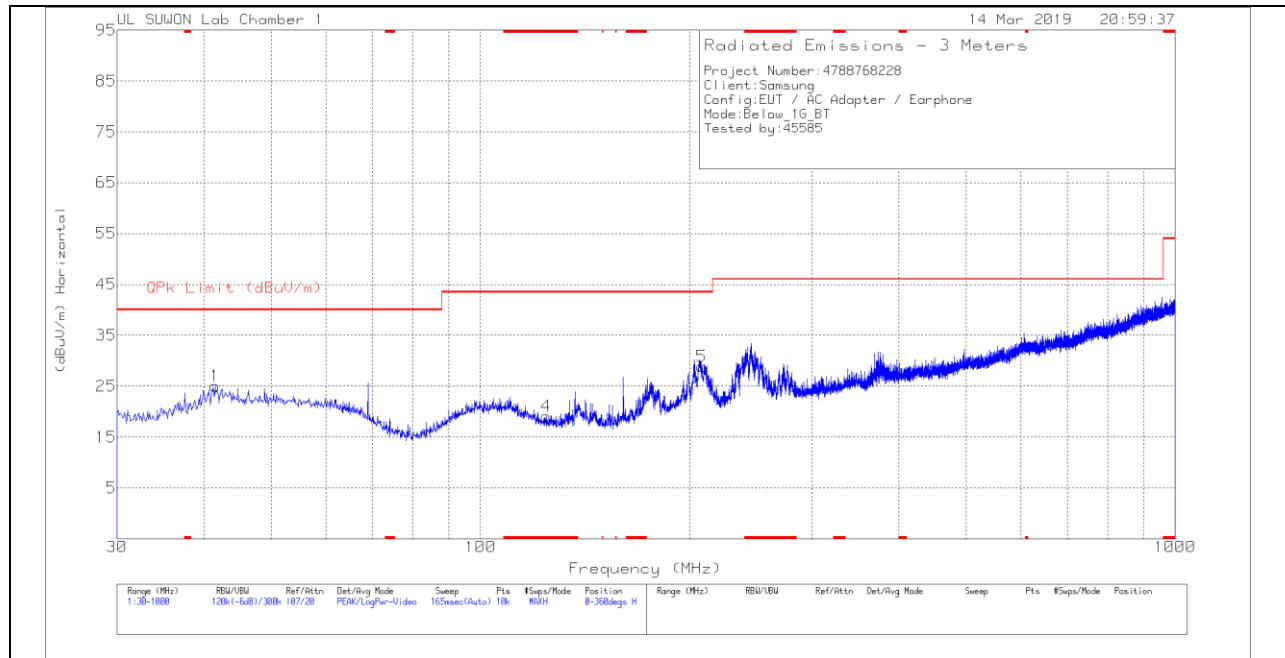


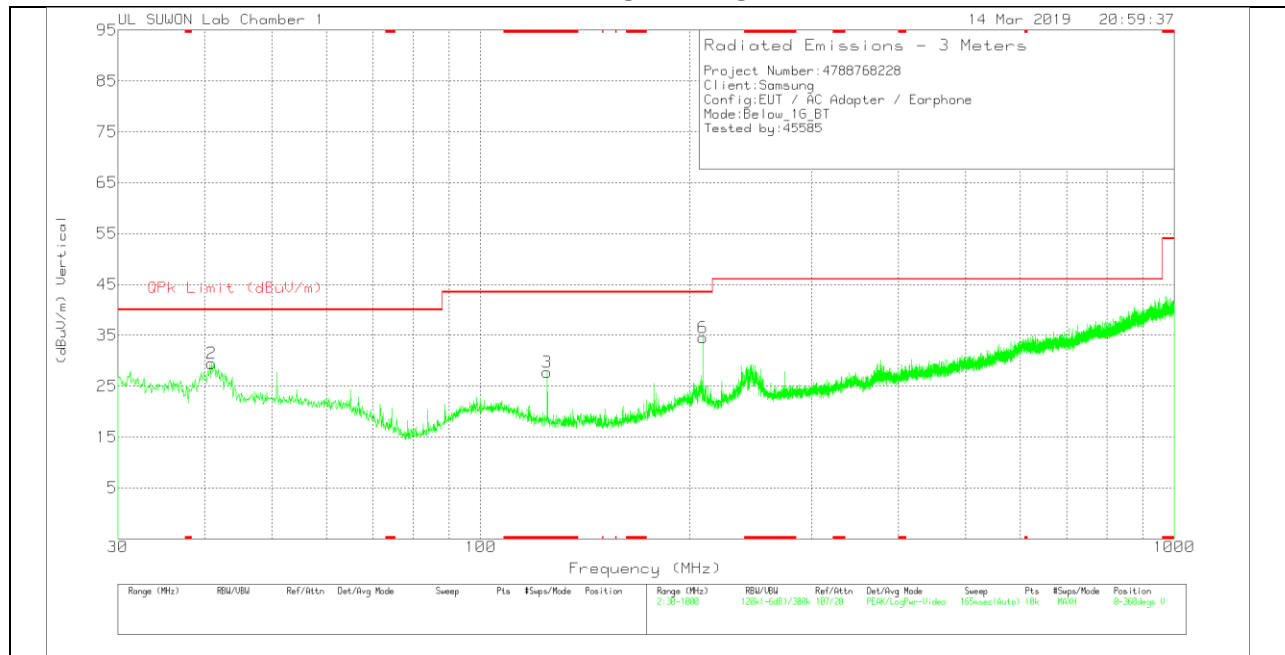
11.2. WORST-CASE BELOW 1 GHz

GFSK SPURIOUS EMISSIONS 30 TO 1000 MHz

HORIZONTAL PLOT



VERTICAL PLOT



BELOW 1 GHz TABLE

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	41.543	36.7	Pk	19	-30.7	25	40	-15	0-360	400	H
4	* 124.284	33.64	Pk	14.8	-29.3	19.14	43.52	-24.38	0-360	400	H
5	208.189	40.42	Pk	16.9	-28.5	28.82	43.52	-14.7	0-360	100	H
2	40.961	41.24	Pk	18.9	-30.7	29.44	40	-10.56	0-360	100	V
3	* 124.769	42.31	Pk	14.7	-29.3	27.71	43.52	-15.81	0-360	100	V
6	209.159	46.12	Pk	16.9	-28.5	34.52	43.52	-9	0-360	100	V

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

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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.

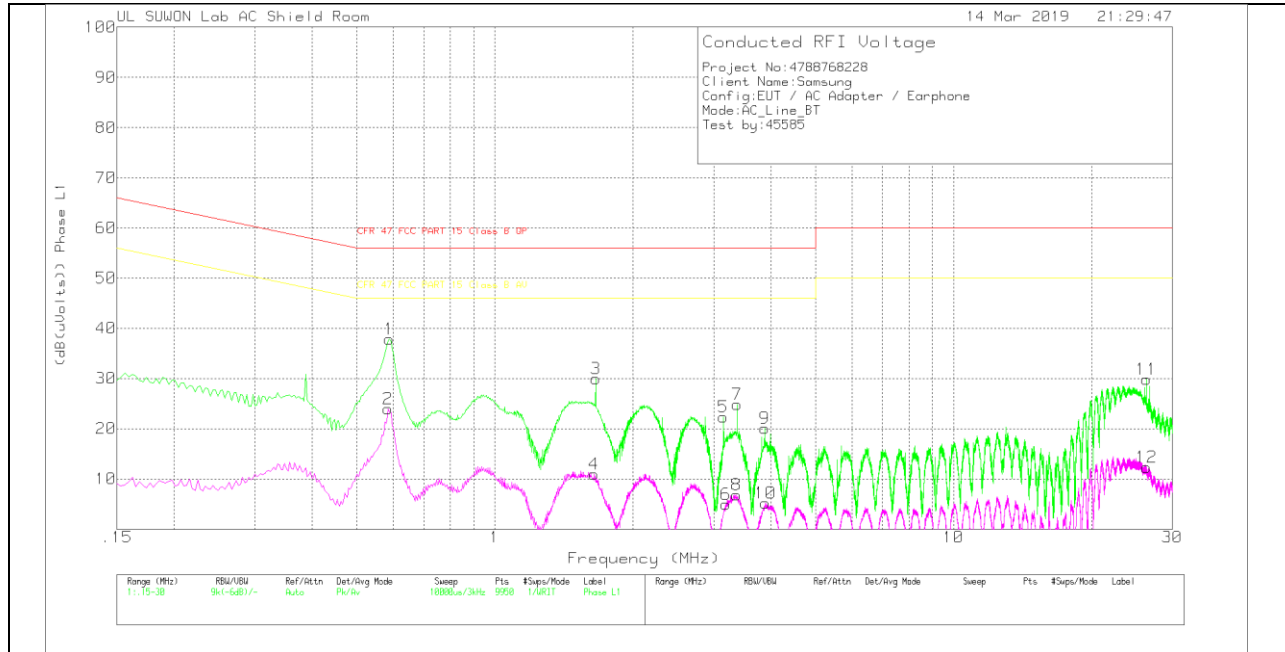
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

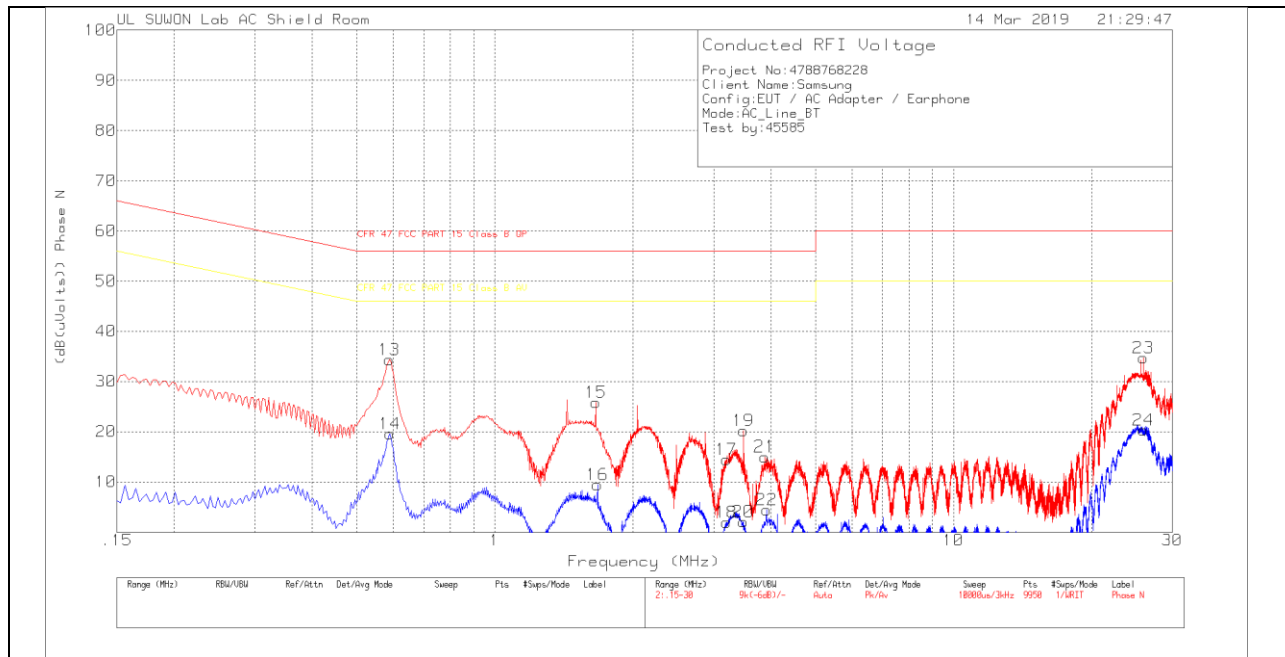
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_L1	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.588	27.77	Pk	9.9	.2	37.87	56	-18.13	-	-
2	.585	13.9	Av	9.9	.2	24	-	-	46	-22
3	1.659	19.84	Pk	9.8	.3	29.94	56	-26.06	-	-
4	1.647	.87	Av	9.8	.3	10.97	-	-	46	-35.03
5	3.153	12.09	Pk	10	.3	22.39	56	-33.61	-	-
6	3.186	-5.39	Av	10	.3	4.91	-	-	46	-41.09
7	3.375	14.62	Pk	9.9	.3	24.82	56	-31.18	-	-
8	3.369	-3.39	Av	9.9	.3	6.81	-	-	46	-39.19
9	3.873	9.98	Pk	9.8	.3	20.08	56	-35.92	-	-
10	3.894	-4.93	Av	9.8	.3	5.17	-	-	46	-40.83
11	26.346	18.8	Pk	10.7	.3	29.8	60	-30.2	-	-
12	26.379	1.34	Av	10.7	.3	12.34	-	-	50	-37.66

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_N	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.588	24.3	Pk	9.9	.2	34.4	56	-21.6	-	-
14	.591	9.47	Av	9.9	.2	19.57	-	-	46	-26.43
15	1.659	15.82	Pk	9.7	.3	25.82	56	-30.18	-	-
16	1.674	-5.6	Av	9.7	.3	9.44	-	-	46	-36.56
17	3.201	4.42	Pk	9.7	.3	14.42	56	-41.58	-	-
18	3.195	-8.1	Av	9.7	.3	1.9	-	-	46	-44.1
19	3.486	10.14	Pk	9.8	.3	20.24	56	-35.76	-	-
20	3.486	-8.01	Av	9.8	.3	2.09	-	-	46	-43.91
21	3.882	4.92	Pk	9.8	.3	15.02	56	-40.98	-	-
22	3.909	-5.61	Av	9.8	.3	4.49	-	-	46	-41.51
23	25.971	23.58	Pk	10.8	.3	34.68	60	-25.32	-	-
24	25.965	9.22	Av	10.8	.3	20.32	-	-	50	-29.68

Pk - Peak detector

Av - Average detection