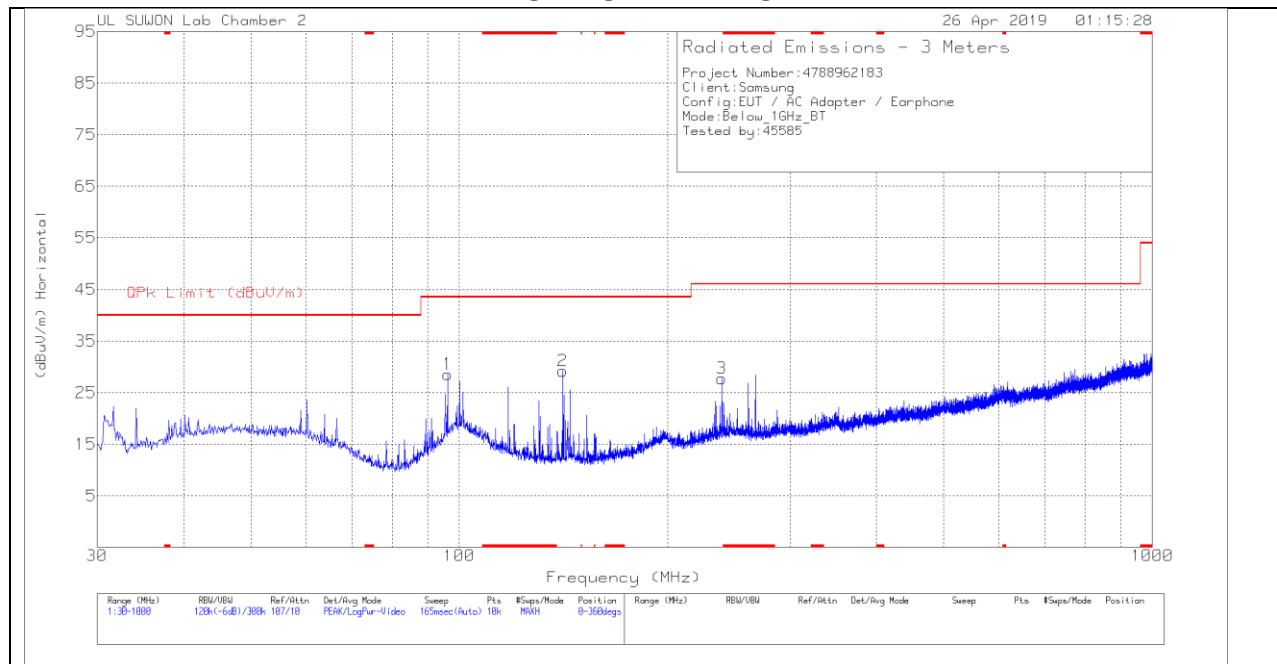


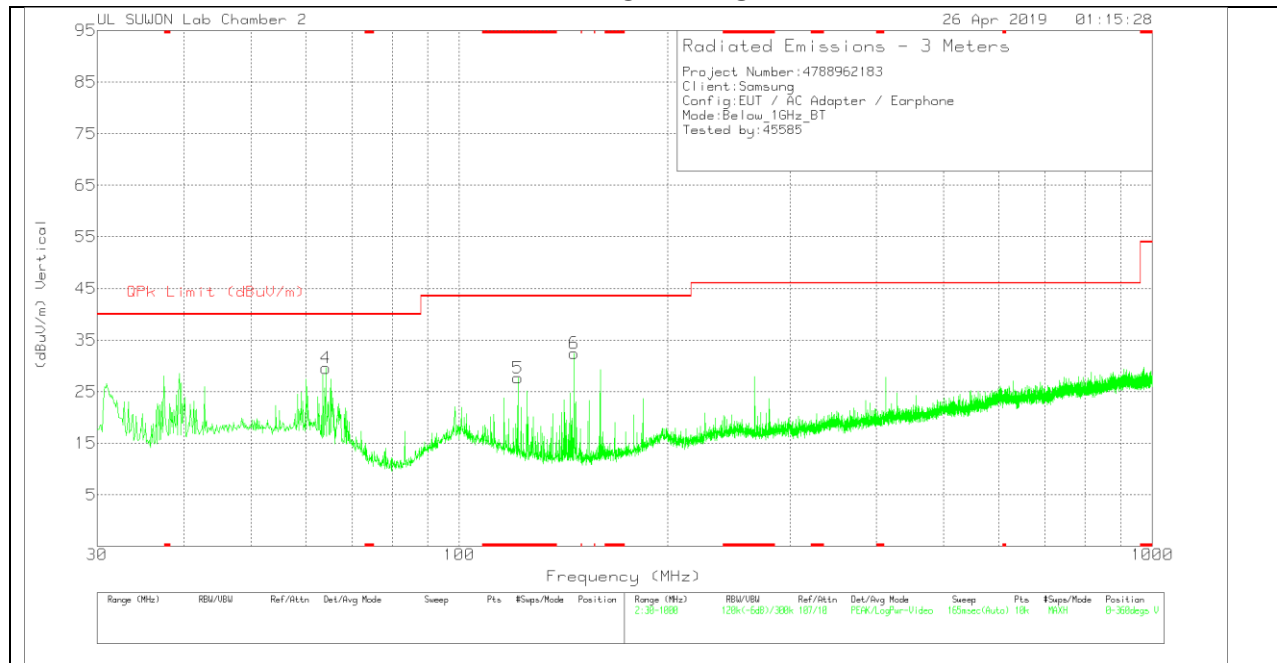
11.3. WORST-CASE BELOW 1 GHz

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_749	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	96.154	42.66	Pk	17.4	-31.5	28.56	43.52	-14.96	0-360	300	H
2	141.065	46.41	Pk	14	-31.2	29.21	43.52	-14.31	0-360	400	H
3	239.326	39.95	Pk	18.5	-30.7	27.75	46.02	-18.27	0-360	100	H
4	64.144	43.76	Pk	17.5	-31.7	29.56	40	-10.44	0-360	100	V
5	* 121.471	43.85	Pk	15.1	-31.3	27.65	43.52	-15.87	0-360	100	V
6	146.497	49.53	Pk	14.1	-31.2	32.43	43.52	-11.09	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)
 IC RSS-GEN Clause 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.

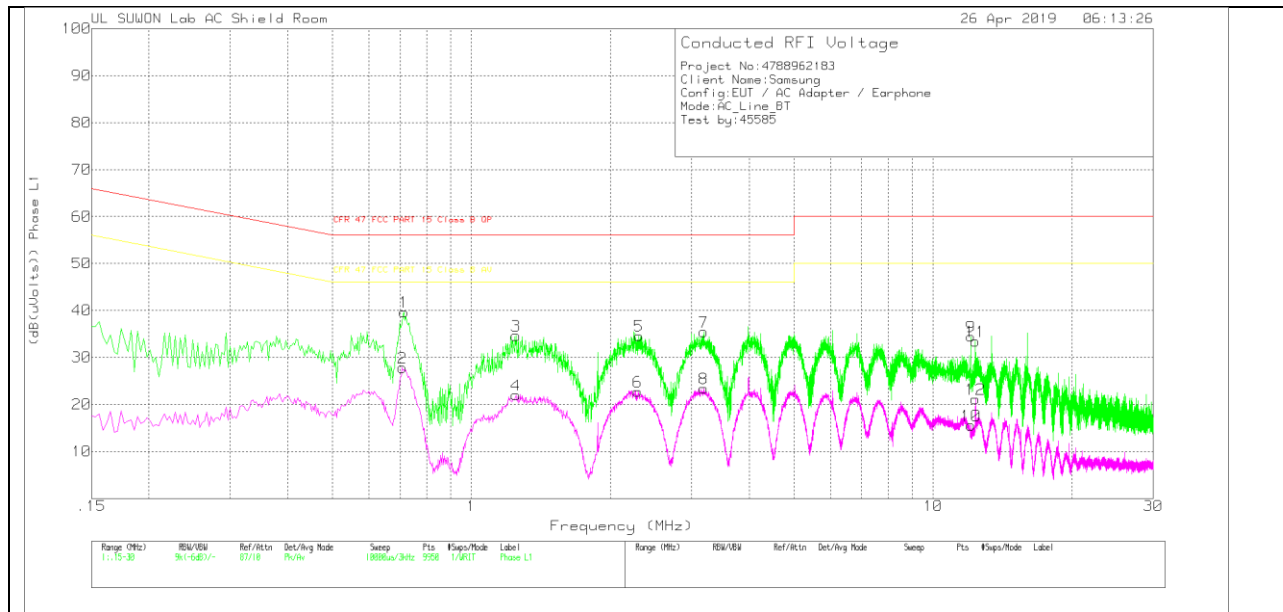
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

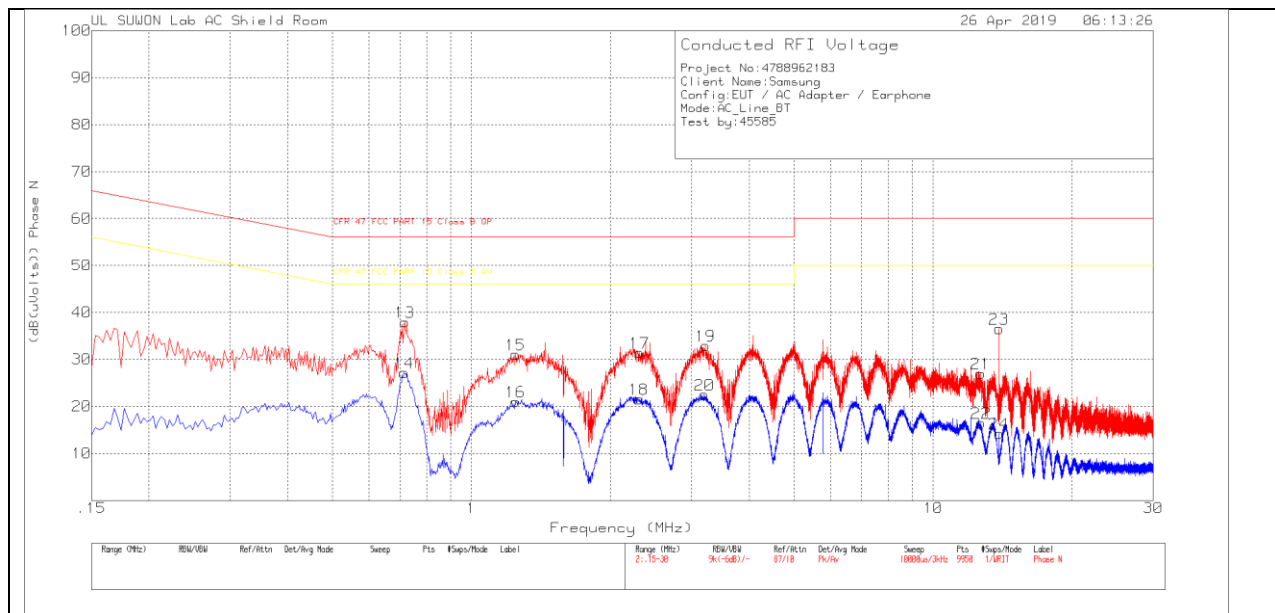
Trace Markers

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	.714	29.59	Pk	9.9	.2	39.69	56	-16.31	-	-
2	.708	17.74	Av	9.9	.2	27.84	-	-	46	-18.16
3	1.248	24.59	Pk	9.8	.3	34.69	56	-21.31	-	-
4	1.248	11.92	Av	9.8	.3	22.02	-	-	46	-23.98
5	2.304	24.39	Pk	9.9	.3	34.59	56	-21.41	-	-
6	2.292	12.55	Av	9.9	.3	22.75	-	-	46	-23.25
7	3.186	25.16	Pk	10	.3	35.46	56	-20.54	-	-
8	3.183	13.12	Av	10	.3	23.42	-	-	46	-22.58
9	12.081	24.05	Pk	10.1	.3	34.45	60	-25.55	-	-
10	12.081	5.18	Av	10.1	.3	15.58	-	-	50	-34.42
11	12.348	23.06	Pk	10.1	.3	33.46	60	-26.54	-	-
12	12.354	10.75	Av	10.1	.3	21.15	-	-	50	-28.85

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	.717	27.87	Pk	9.9	.2	37.97	56	-18.03	-	-
14	.714	17.1	Av	9.9	.2	27.2	-	-	46	-18.8
15	1.245	20.95	Pk	9.8	.3	31.05	56	-24.95	-	-
16	1.245	10.92	Av	9.8	.3	21.02	-	-	46	-24.98
17	2.313	21.45	Pk	9.7	.3	31.45	56	-24.55	-	-
18	2.301	11.61	Av	9.7	.3	21.61	-	-	46	-24.39
19	3.213	22.95	Pk	9.7	.3	32.95	56	-23.05	-	-
20	3.195	12.5	Av	9.7	.3	22.5	-	-	46	-23.5
21	12.684	16.63	Pk	10.1	.3	27.03	60	-32.97	-	-
22	12.702	6.1	Av	10.1	.3	16.5	-	-	50	-33.5
23	13.899	25.93	Pk	10.2	.4	36.53	60	-23.47	-	-
24	13.899	3.65	Av	10.2	.4	14.25	-	-	50	-35.75

Pk - Peak detector

Av - Average detection