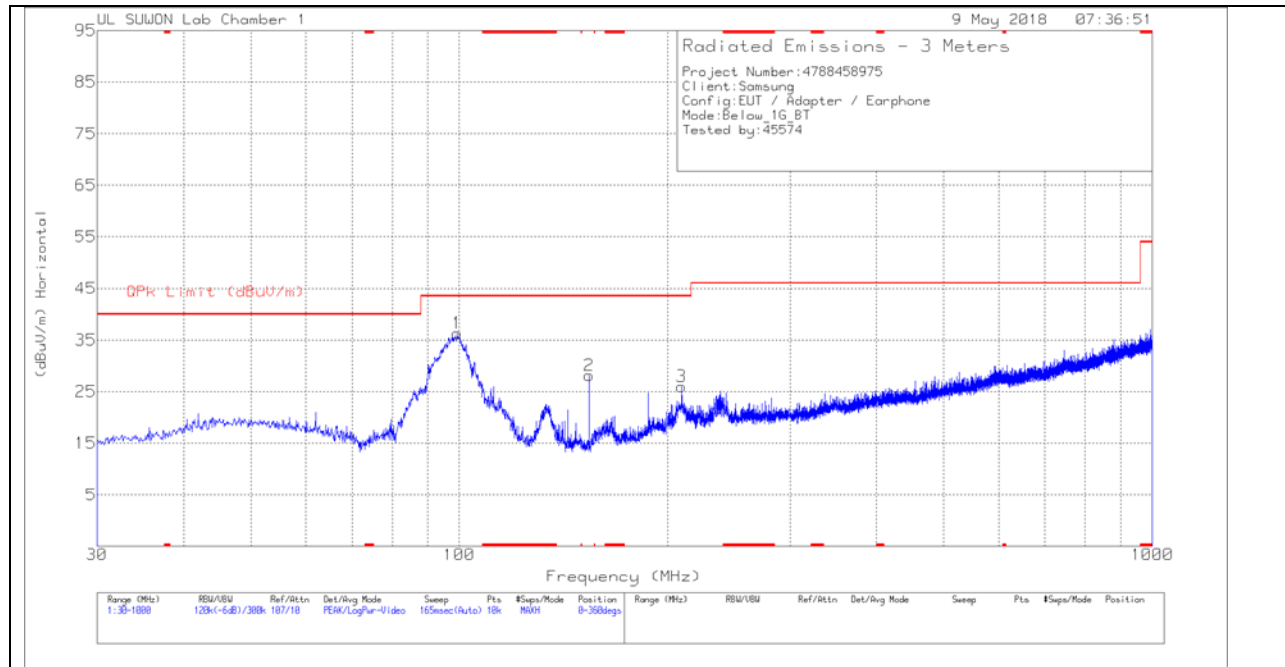


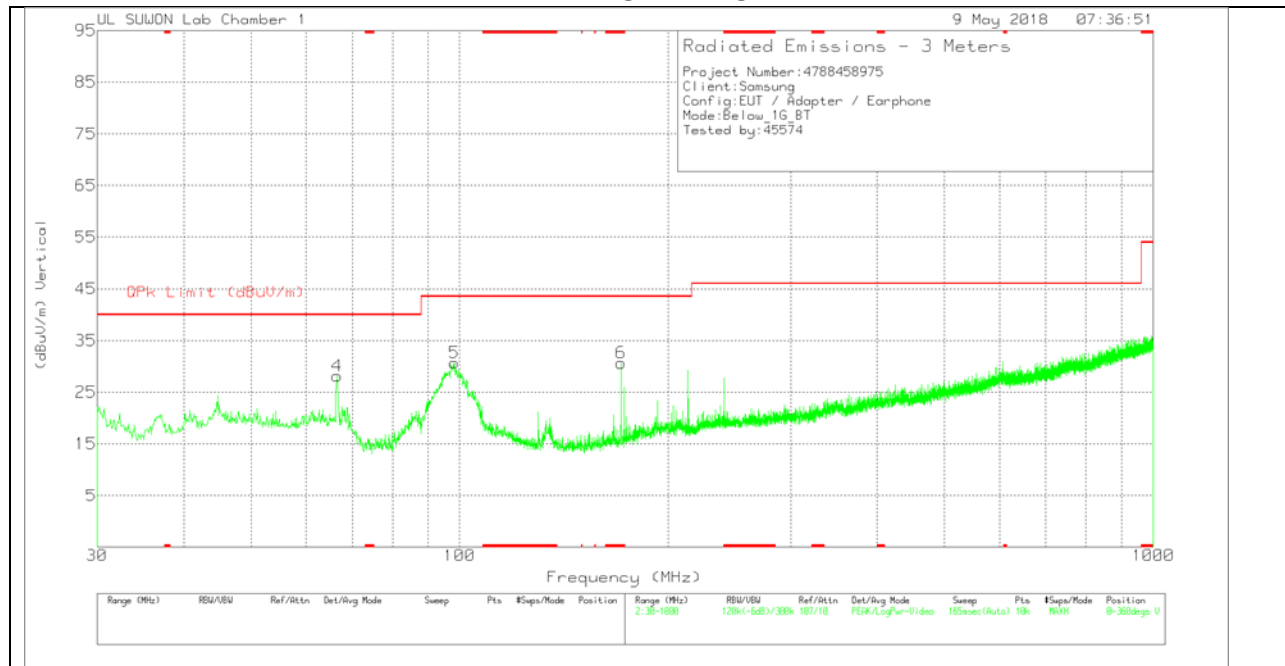
11.3. WORST-CASE BELOW 1 GHz

GFSK SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT



VERTICAL PLOT



BELOW 1 GHz TABLE

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	750_20170831	30-1000MHz[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	99.355	47.52	Pk	17.3	-28.5	36.32	43.52	-7.2	0-360	300	H
2	153.869	42.06	Pk	14	-27.9	28.16	43.52	-15.36	0-360	300	H
3	209.159	36.79	Pk	16.7	-27.5	25.99	43.52	-17.53	0-360	200	H
4	66.569	40.64	Pk	16.4	-28.9	28.14	40	-11.86	0-360	100	V
5	98.288	42.01	Pk	17.2	-28.5	30.71	43.52	-12.81	0-360	100	V
6	* 170.844	43.57	Pk	14.8	-27.7	30.67	43.52	-12.85	0-360	200	V

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

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	750_20170831	30-1000MHz[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
99.355	43.49	Qp	17.3	-28.5	32.29	43.52	-11.23	187	288	H

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

Qp - Quasi-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.

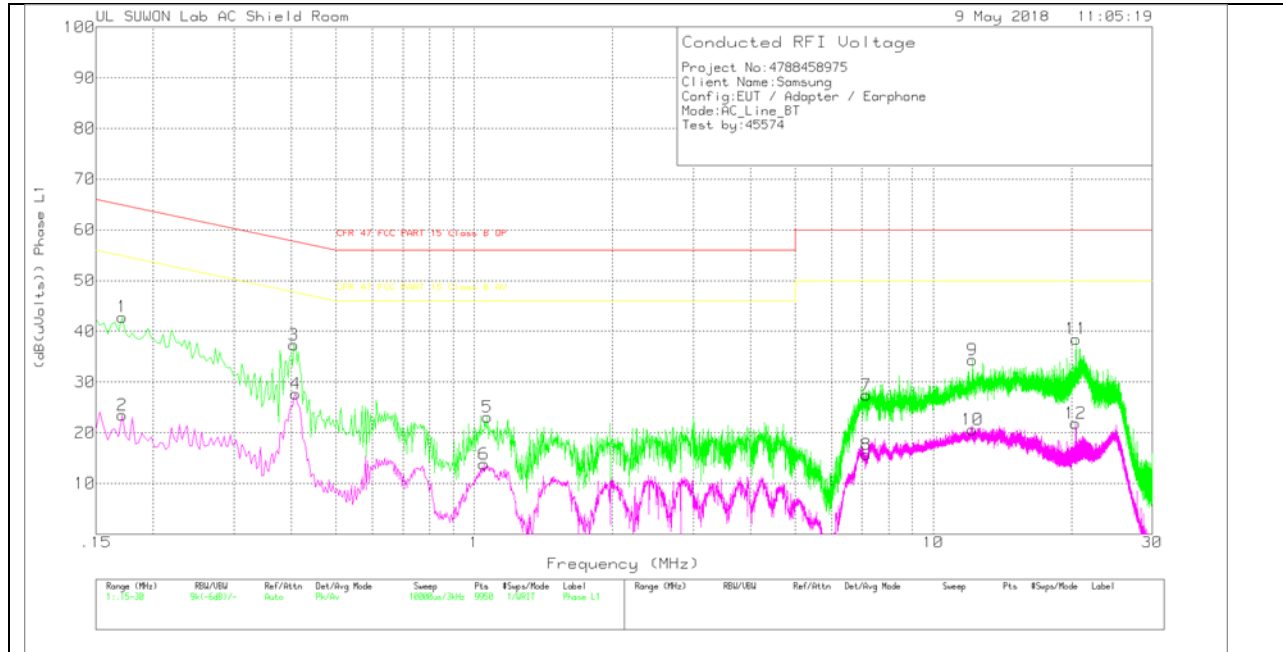
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

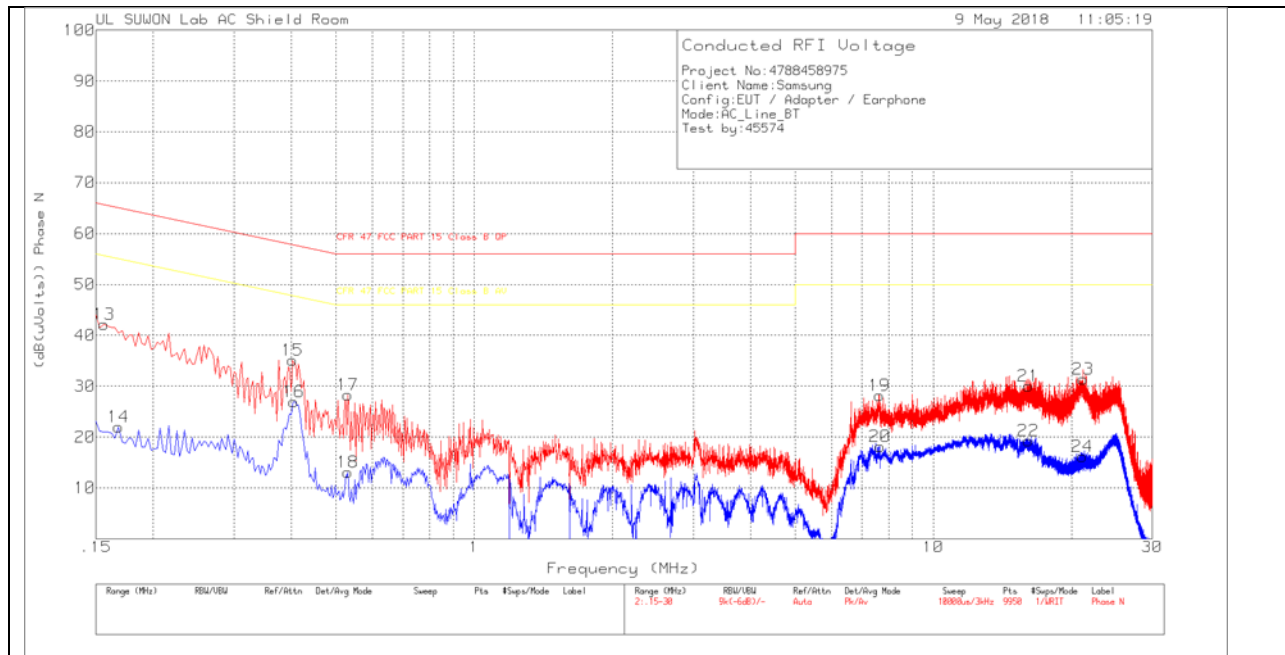
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_wit h extension	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	.171	32.63	Pk	10	.2	42.83	64.91	-22.08	-	-
2	.171	13.32	Av	10	.2	23.52	-	-	54.91	-31.39
3	.405	27.29	Pk	9.8	.2	37.29	57.75	-20.46	-	-
4	.408	17.64	Av	9.8	.2	27.64	-	-	47.69	-20.05
5	1.068	13.01	Pk	9.8	.3	23.11	56	-32.89	-	-
6	1.05	3.72	Av	9.8	.3	13.82	-	-	46	-32.18
7	7.155	17.42	Pk	9.7	.3	27.42	60	-32.58	-	-
8	7.143	5.64	Av	9.7	.3	15.64	-	-	50	-34.36
9	12.189	24.25	Pk	9.8	.3	34.35	60	-25.65	-	-
10	12.189	10.57	Av	9.8	.3	20.67	-	-	50	-29.33
11	20.46	28	Pk	10.1	.4	38.5	60	-21.5	-	-
12	20.442	11.39	Av	10.1	.4	21.89	-	-	50	-28.11

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	101837_N_with extension	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	.156	32.07	Pk	10	.1	42.17	65.67	-23.5	-	-
14	.168	11.91	Av	10	.1	22.01	-	-	55.06	-33.05
15	.402	25.07	Pk	9.8	.2	35.07	57.81	-22.74	-	-
16	.405	16.97	Av	9.8	.2	26.97	-	-	47.75	-20.78
17	.531	18.29	Pk	9.8	.2	28.29	56	-27.71	-	-
18	.531	3.1	Av	9.8	.2	13.1	-	-	46	-32.9
19	7.626	18.05	Pk	9.8	.3	28.15	60	-31.85	-	-
20	7.668	8.03	Av	9.8	.3	18.13	-	-	50	-31.87
21	16.137	19.75	Pk	9.9	.4	30.05	60	-29.95	-	-
22	16.107	8.97	Av	9.9	.4	19.27	-	-	50	-30.73
23	21.171	20.94	Pk	10.1	.4	31.44	60	-28.56	-	-
24	21.15	5.73	Av	10.1	.4	16.23	-	-	50	-33.77

Pk - Peak detector

Av - Average detection