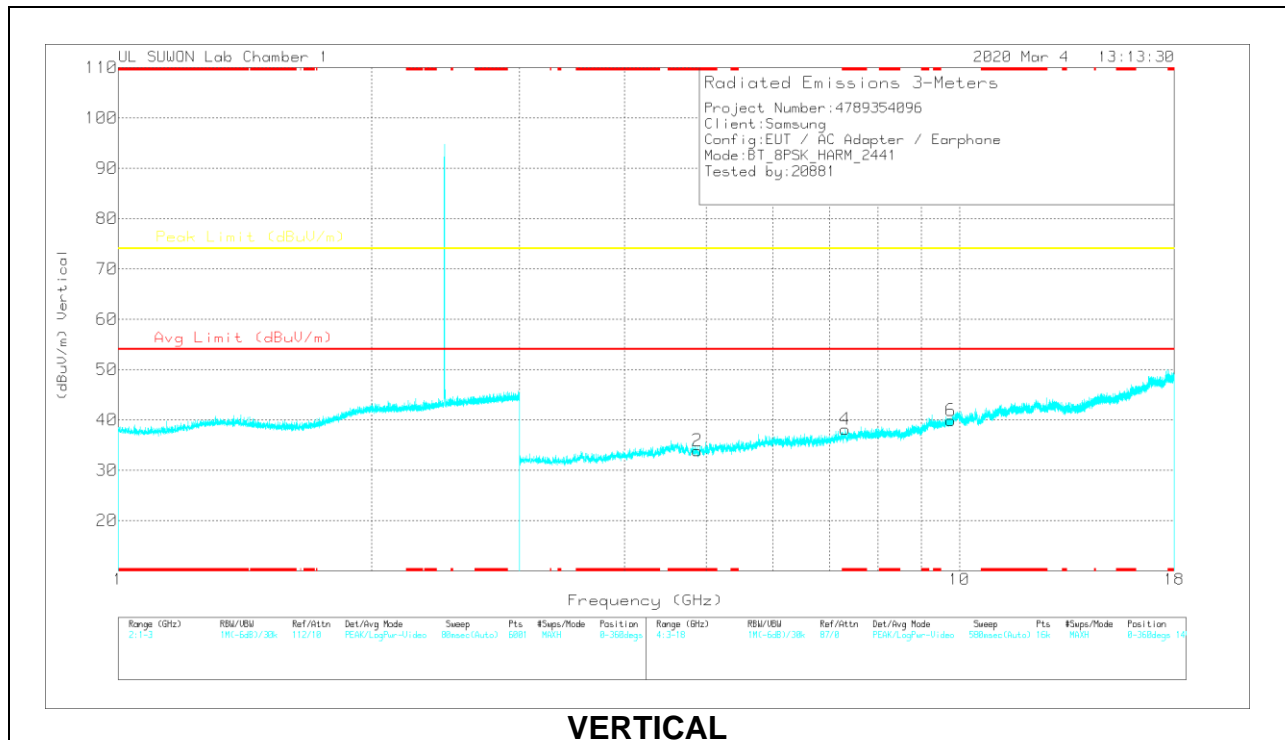
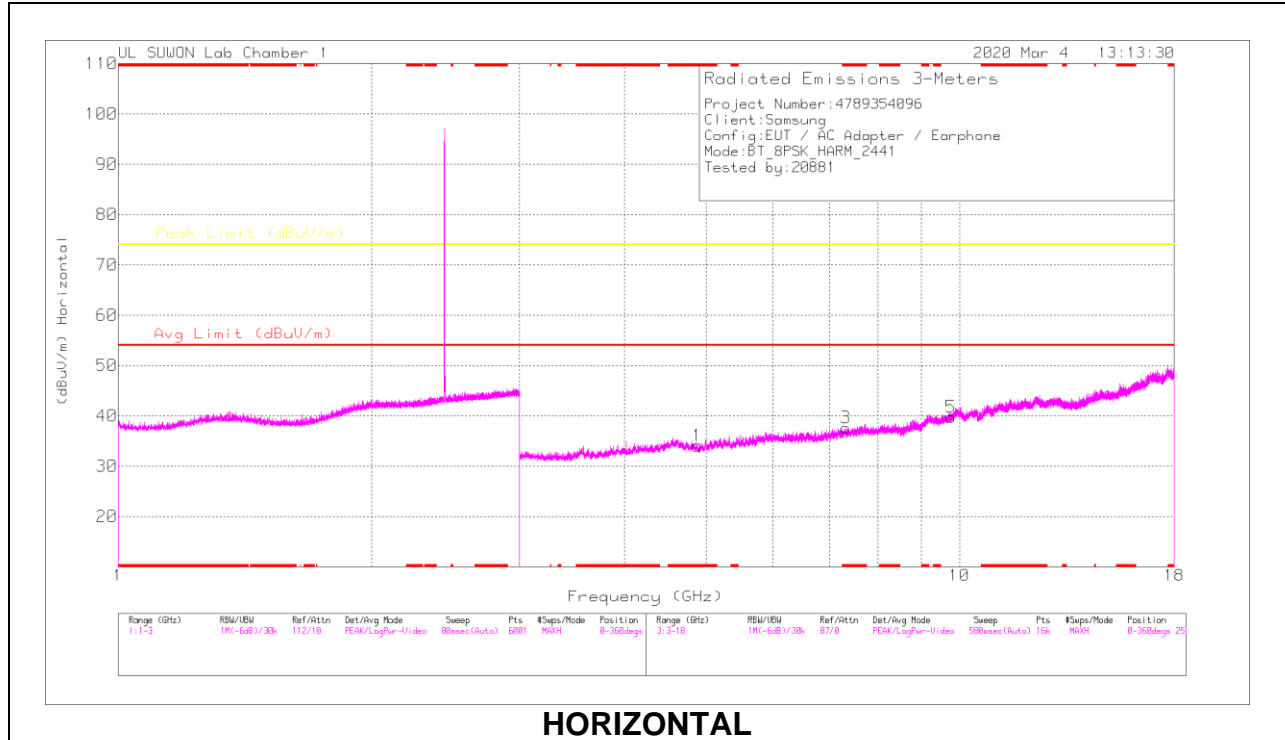


MID CHANNEL RESULTS



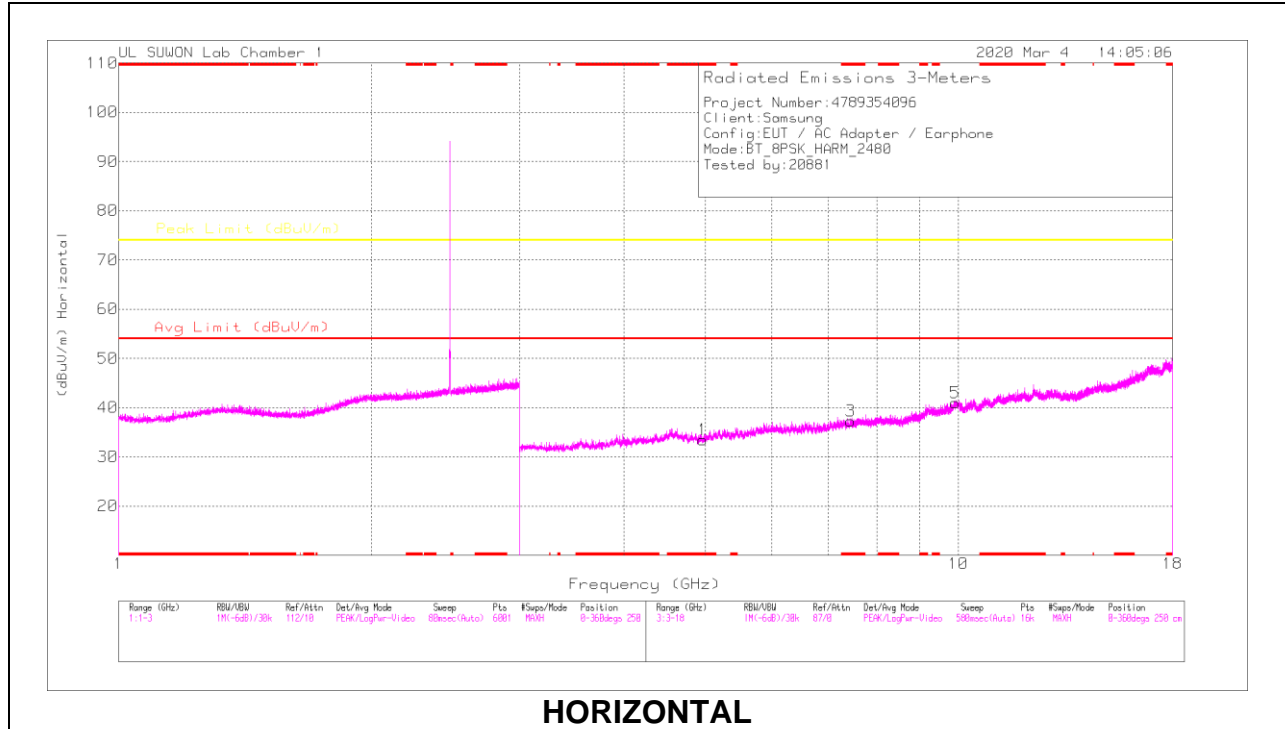
Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

RADIATED EMISSIONS

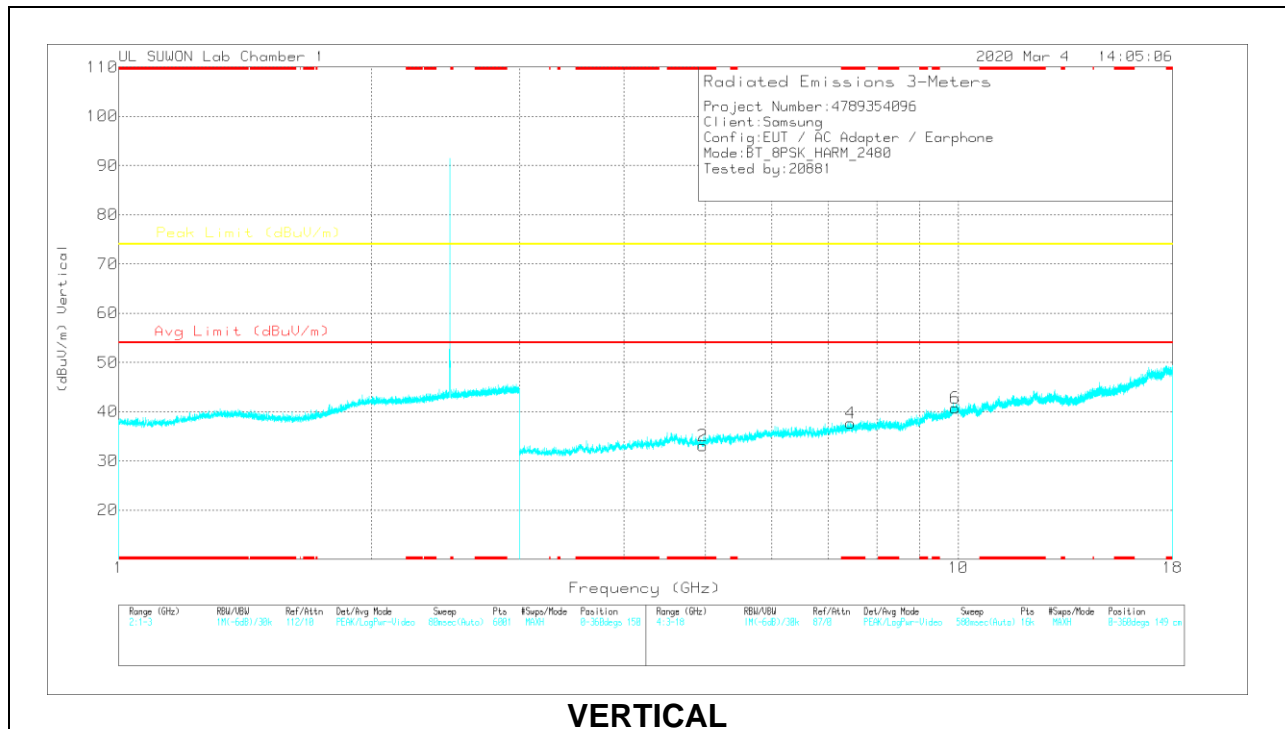
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.88168	39.42	PKFH	34.2	-31.6	42.02	-	-	74	-31.98	0	100	H
* 4.88174	39.75	PKFH	34.2	-31.6	42.35	-	-	74	-31.65	0	100	V
* 7.32241	35.73	PKFH	35.8	-27.2	44.33	-	-	74	-29.67	0	100	H
* 7.32298	36.59	PKFH	35.8	-27.2	45.19	-	-	74	-28.81	0	100	V
9.76784	33.77	PKFH	37.3	-24	47.07	-	-	74	-26.93	0	100	H
9.7706	34.27	PKFH	37.3	-23.9	47.67	-	-	74	-26.33	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

HIGH CHANNEL RESULTS



HORIZONTAL



VERTICAL

Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

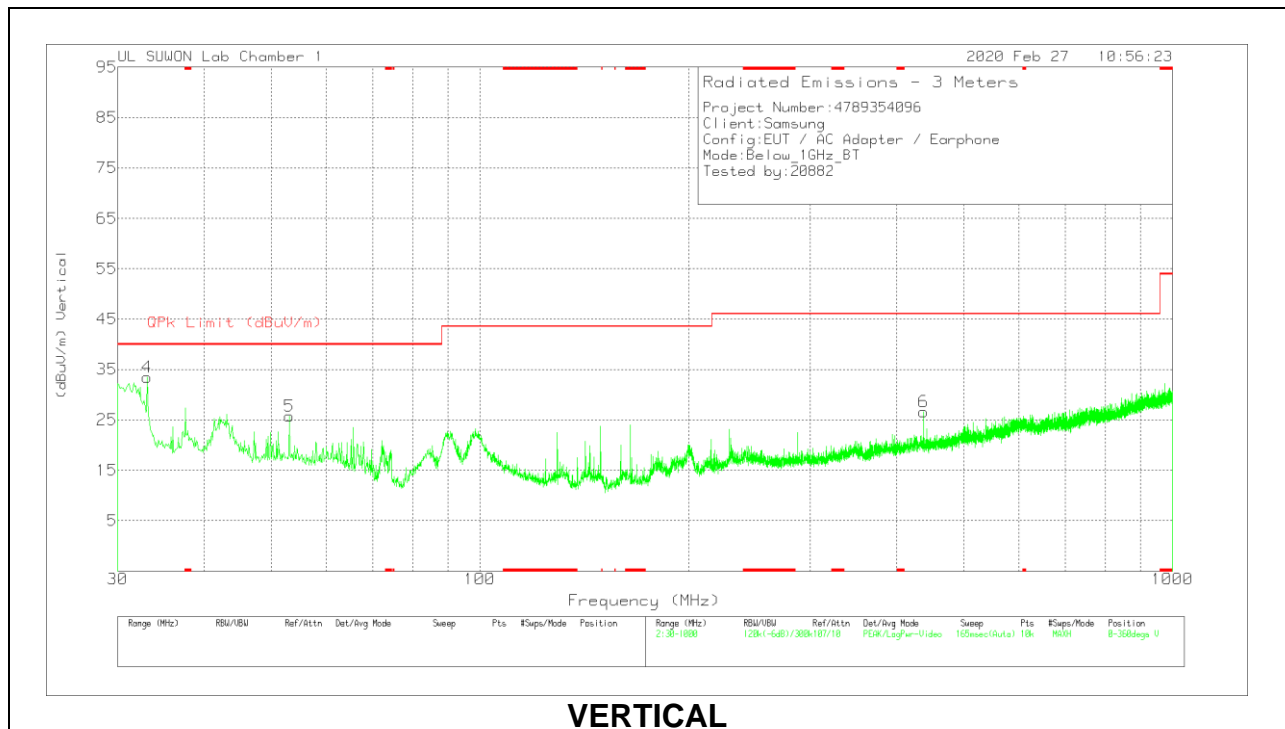
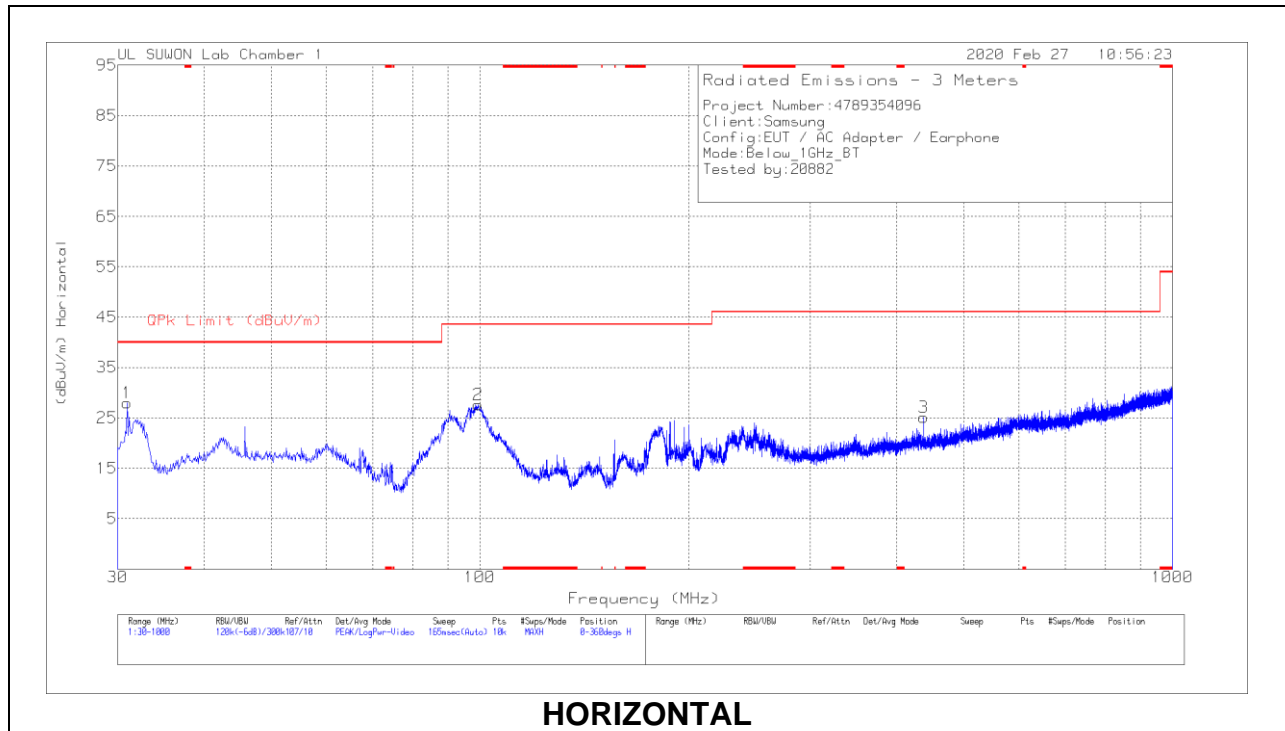
RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.95952	38.58	PKFH	34.2	-31.6	41.18	-	-	74	-32.82	0	100	H
* 4.96164	38.95	PKFH	34.2	-31.6	41.55	-	-	74	-32.45	0	100	V
* 7.4392	35.35	PKFH	35.8	-27.1	44.05	-	-	74	-29.95	0	100	H
* 7.44012	35.06	PKFH	35.8	-27.1	43.76	-	-	74	-30.24	0	100	V
9.91851	32.19	PKFH	37.5	-22.1	47.59	-	-	74	-26.41	0	100	H
9.91828	32.35	PKFH	37.5	-22.1	47.75	-	-	74	-26.25	0	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PKFH FHSS/BT RB=100k for Frequencies<1GHz / RB=1MHz for Frequencies>1GHz, VB=3 x RB, Peak

11.2. WORST CASE BELOW 1 GHZ

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



Below 1GHz Data

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	30.97	44.36	Pk	15.6	-32	27.96	40	-12.04	0-360	300	H
2	99.452	41.35	Pk	17.7	-31.4	27.65	43.52	-15.87	0-360	300	H
3	437.497	32.97	Pk	22.1	-29.9	25.17	46.02	-20.85	0-360	200	H
4	33.104	49.69	Pk	15.6	-31.8	33.49	40	-6.51	0-360	100	V
5	53.086	37.91	Pk	19.6	-31.8	25.71	40	-14.29	0-360	100	V
6	437.594	34.39	Pk	22.1	-29.9	26.59	46.02	-19.43	0-360	100	V

Pk - Peak detector

12. 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 C63.4.

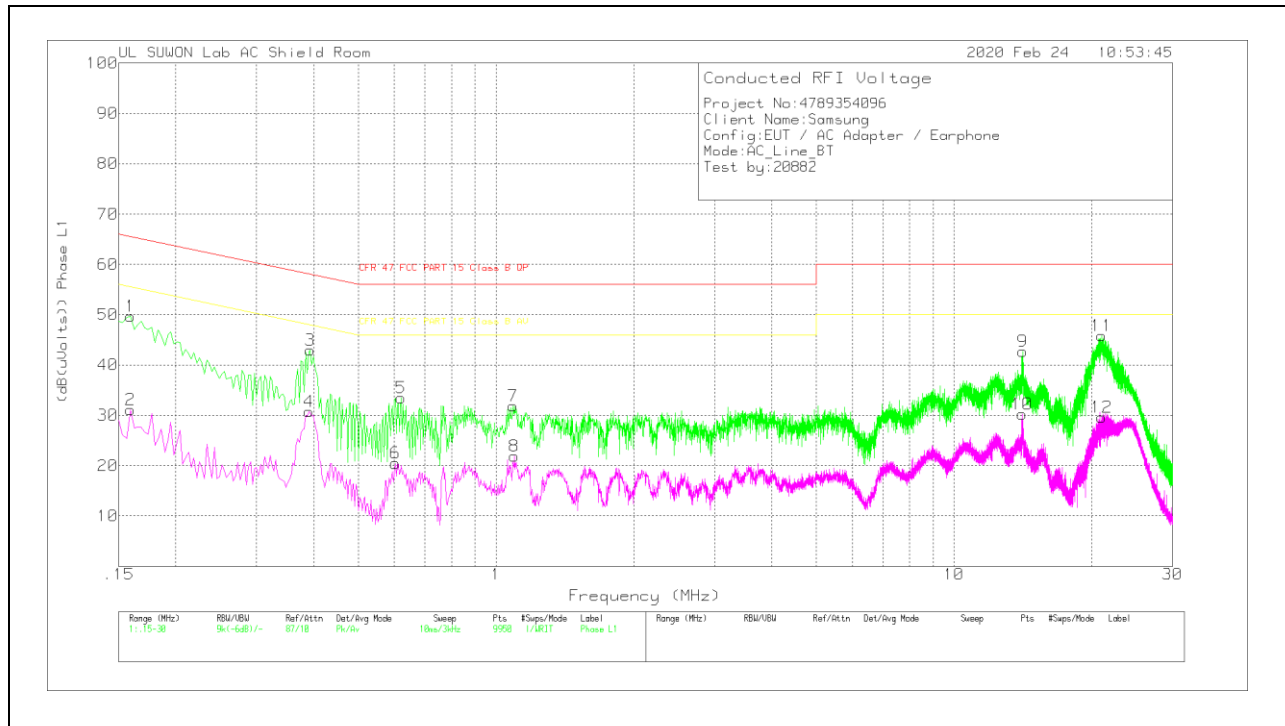
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

12.1.1. AC Power Line

LINE 1 RESULTS



Trace Markers

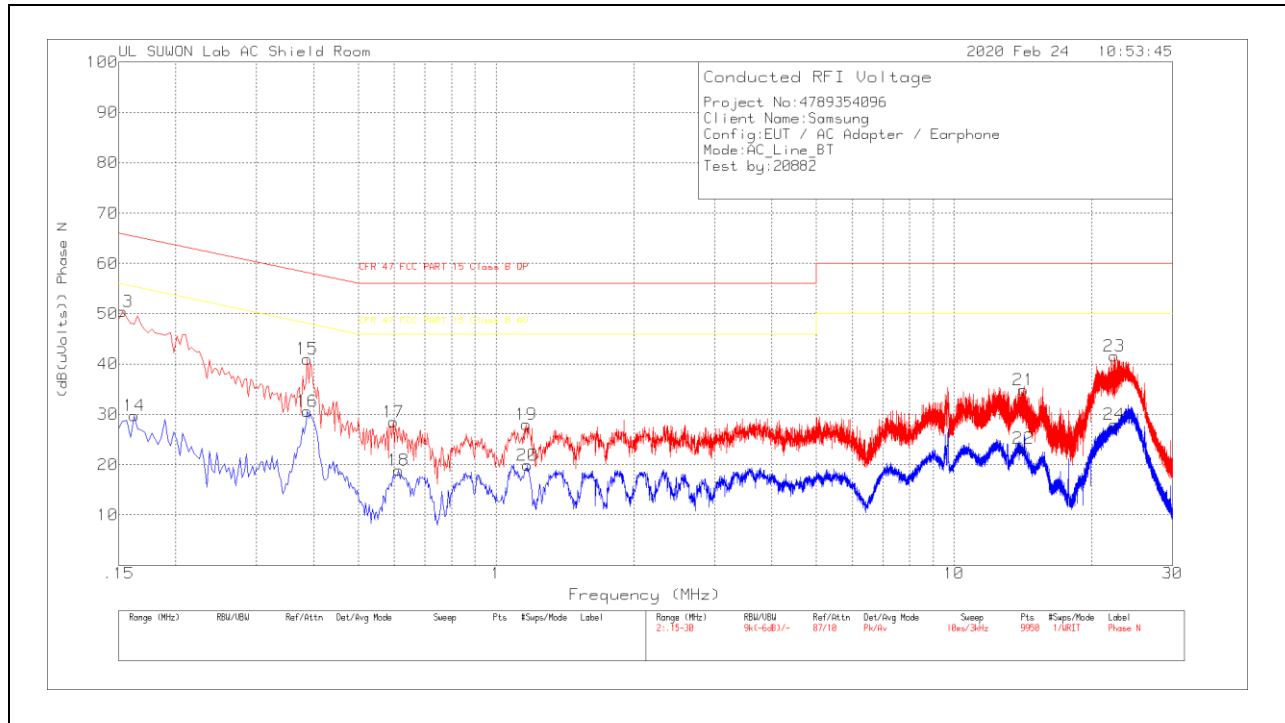
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h Ex_L1[dB]	CABLELOS S(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	.159	39.73	Pk	9.9	.1	49.73	65.52	-15.79	-	-
2	.159	21.11	Av	9.9	.1	31.11	-	-	55.52	-24.41
3	.393	32.9	Pk	9.9	.2	43	58	-15	-	-
4	.39	20.61	Av	9.9	.2	30.71	-	-	48.06	-17.35
5	.621	23.42	Pk	9.9	.2	33.52	56	-22.48	-	-
6	.603	10.36	Av	9.9	.2	20.46	-	-	46	-25.54
7	1.089	21.74	Pk	9.8	.3	31.84	56	-24.16	-	-
8	1.098	11.81	Av	9.8	.3	21.91	-	-	46	-24.09
9	14.133	32.2	Pk	10.1	.4	42.7	60	-17.3	-	-
10	14.109	19.75	Av	10.1	.4	30.25	-	-	50	-19.75
11	21.045	35.09	Pk	10.3	.4	45.79	60	-14.21	-	-
12	21.024	18.93	Av	10.3	.4	29.63	-	-	50	-20.37

Pk - Peak detector

Av - Average detection

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_Wit h EX_N[dB]	CABLELOS S(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	.153	40.57	Pk	9.8	.1	50.47	65.84	-15.37	-	-
14	.162	19.59	Av	10	.1	29.69	-	-	55.36	-25.67
15	.387	30.92	Pk	9.9	.2	41.02	58.13	-17.11	-	-
16	.387	20.47	Av	9.9	.2	30.57	-	-	48.13	-17.56
17	.597	18.39	Pk	9.9	.2	28.49	56	-27.51	-	-
18	.612	8.82	Av	9.9	.2	18.92	-	-	46	-27.08
19	1.164	17.94	Pk	9.8	.3	28.04	56	-27.96	-	-
20	1.17	9.77	Av	9.8	.3	19.87	-	-	46	-26.13
21	14.166	24.4	Pk	10.1	.4	34.9	60	-25.1	-	-
22	14.187	12.71	Av	10.1	.4	23.21	-	-	50	-26.79
23	22.395	30.77	Pk	10.4	.4	41.57	60	-18.43	-	-
24	22.371	17.14	Av	10.4	.4	27.94	-	-	50	-22.06

Pk - Peak detector

Av - Average detection

END OF TEST REPORT