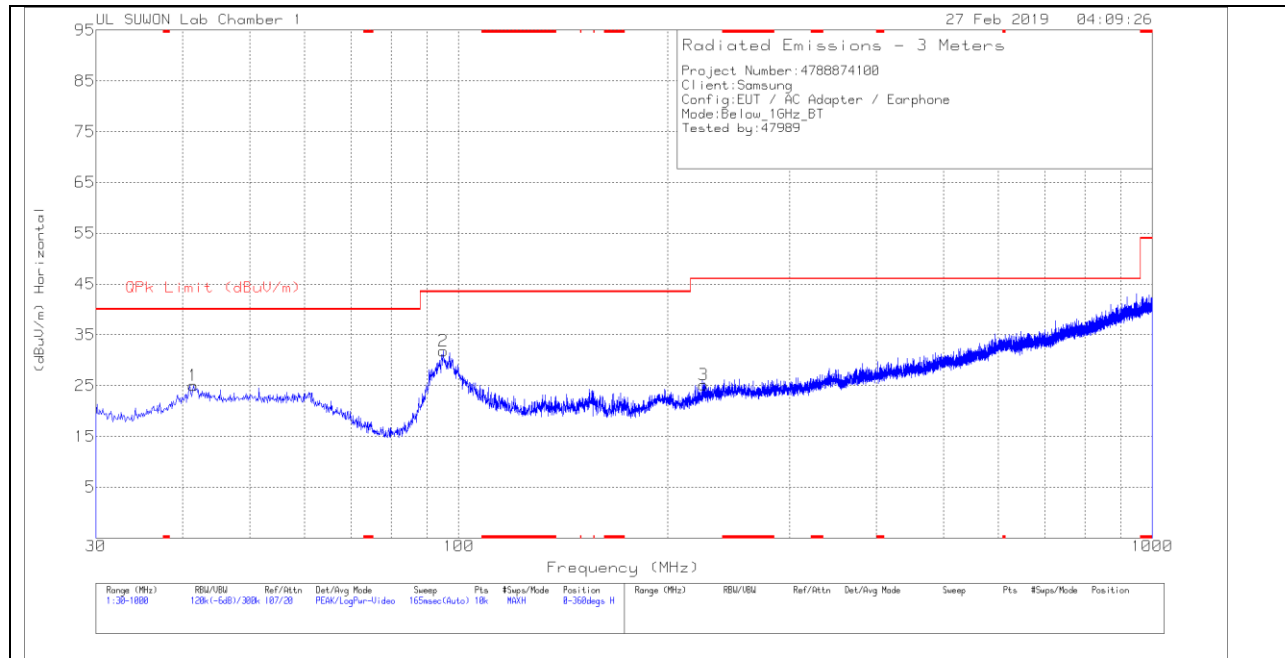


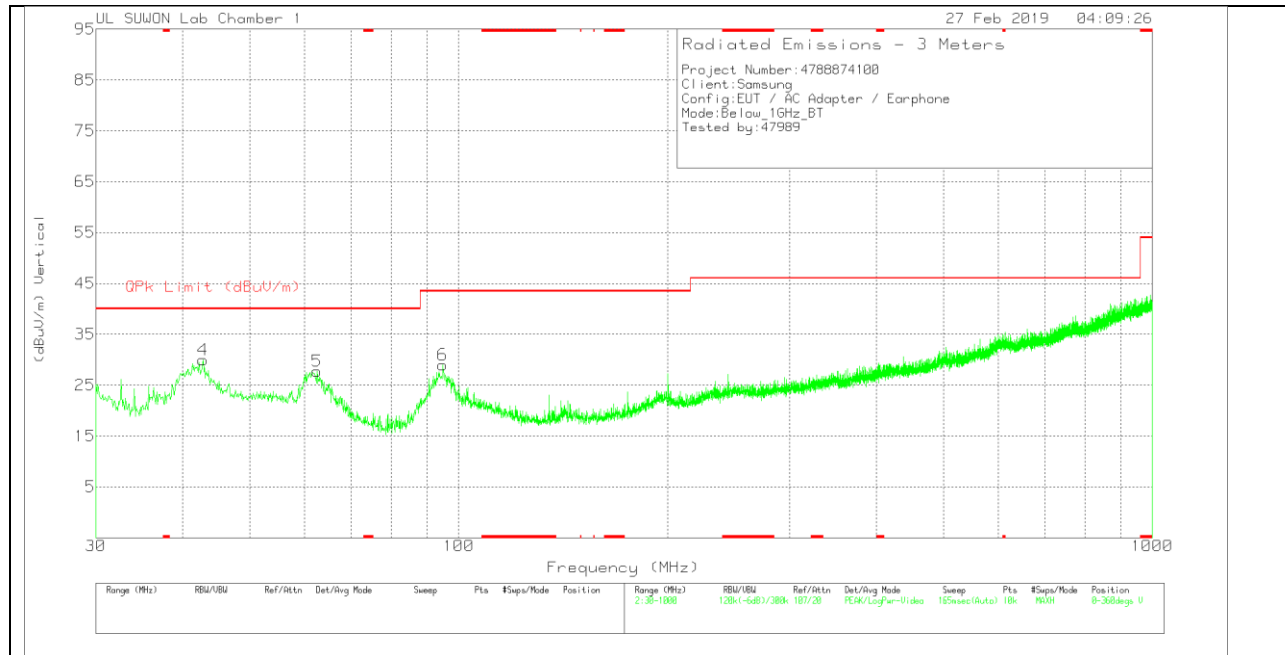
11.2. WORST-CASE BELOW 1 GHz

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 | 41.446 | 36.72 | Pk | 19 | -30.7 | 25.02 | 40 | -14.98 | 0-360 | 300 | H |
| 2 | 94.99 | 44.38 | Pk | 17.3 | -29.8 | 31.88 | 43.52 | -11.64 | 0-360 | 300 | H |
| 3 | 225.358 | 35.58 | Pk | 17.9 | -28.3 | 25.18 | 46.02 | -20.84 | 0-360 | 100 | H |
| 4 | 42.804 | 41.33 | Pk | 19.3 | -30.6 | 30.03 | 40 | -9.97 | 0-360 | 100 | V |
| 5 | 62.495 | 40.09 | Pk | 18 | -30.3 | 27.79 | 40 | -12.21 | 0-360 | 100 | V |
| 6 | 94.893 | 41.52 | Pk | 17.3 | -29.8 | 29.02 | 43.52 | -14.5 | 0-360 | 100 | V |

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.

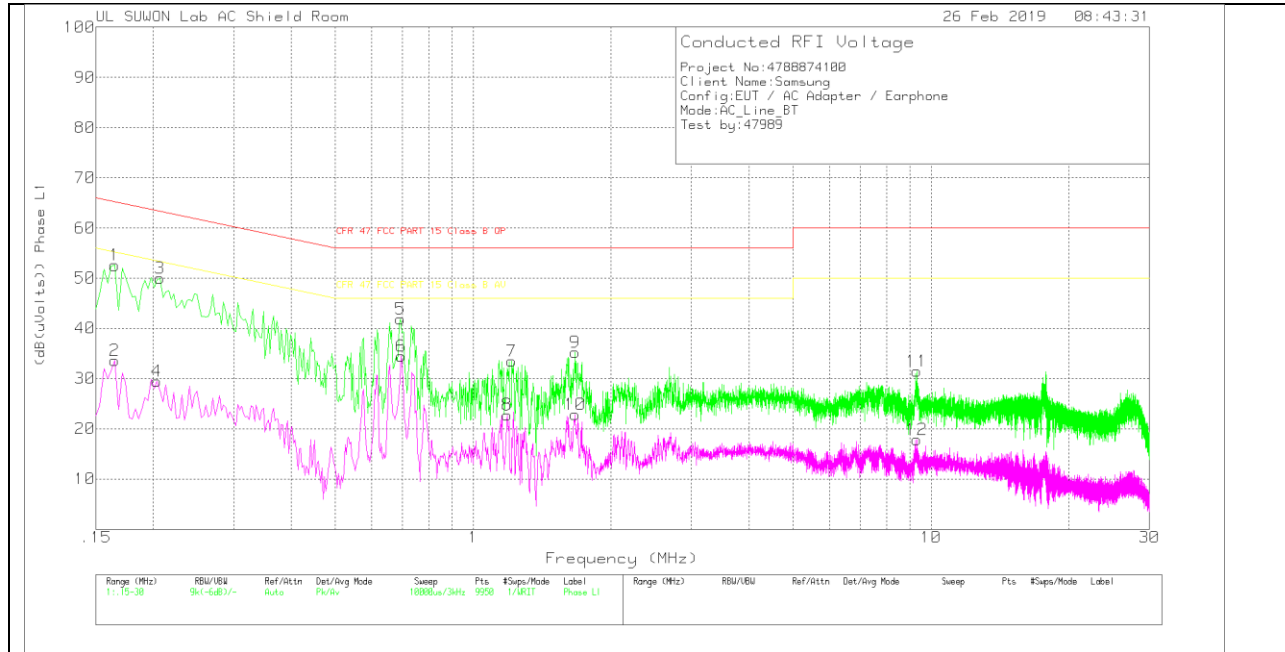
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

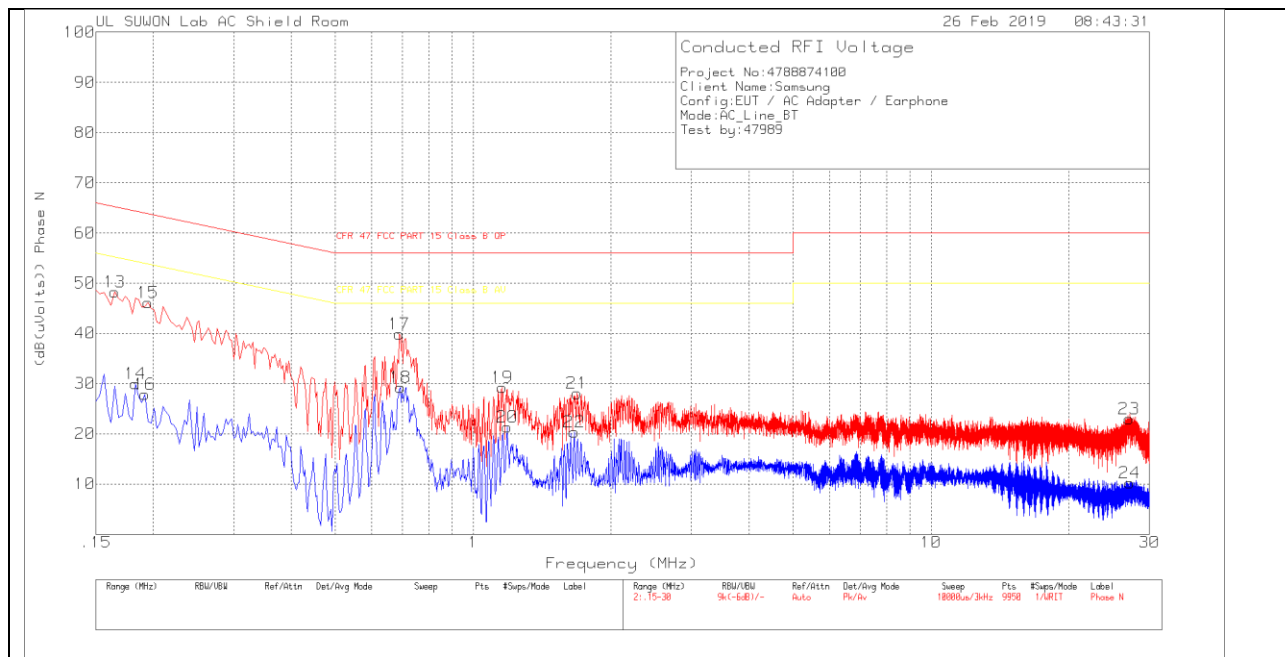
Range 1: Phase L1 .15 - 30MHz

| 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 | .165 | 42.46 | Pk | 10 | .1 | 52.56 | 65.21 | -12.65 | - | - |
| 2 | .165 | 23.52 | Av | 10 | .1 | 33.62 | - | - | 55.21 | -21.59 |
| 3 | .207 | 39.92 | Pk | 9.9 | .2 | 50.02 | 63.32 | -13.3 | - | - |
| 4 | .204 | 19.33 | Av | 9.9 | .2 | 29.43 | - | - | 53.45 | -24.02 |
| 5 | .693 | 31.71 | Pk | 9.9 | .2 | 41.81 | 56 | -14.19 | - | - |
| 6 | .696 | 24.37 | Av | 9.9 | .2 | 34.47 | - | - | 46 | -11.53 |
| 7 | 1.215 | 23.33 | Pk | 9.8 | .3 | 33.43 | 56 | -22.57 | - | - |
| 8 | 1.188 | 12.68 | Av | 9.8 | .3 | 22.78 | - | - | 46 | -23.22 |
| 9 | 1.671 | 25.09 | Pk | 9.8 | .3 | 35.19 | 56 | -20.81 | - | - |
| 10 | 1.671 | 12.8 | Av | 9.8 | .3 | 22.9 | - | - | 46 | -23.1 |
| 11 | 9.312 | 21.11 | Pk | 10 | .4 | 31.51 | 60 | -28.49 | - | - |
| 12 | 9.312 | 7.42 | Av | 10 | .4 | 17.82 | - | - | 50 | -32.18 |

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

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 | .165 | 38.19 | Pk | 10 | .1 | 48.29 | 65.21 | -16.92 | - | - |
| 14 | .183 | 19.74 | Av | 10 | .2 | 29.94 | - | - | 54.35 | -24.41 |
| 15 | .195 | 36.06 | Pk | 9.9 | .2 | 46.16 | 63.82 | -17.66 | - | - |
| 16 | .192 | 17.78 | Av | 9.9 | .2 | 27.88 | - | - | 53.95 | -26.07 |
| 17 | .69 | 29.73 | Pk | 9.9 | .2 | 39.83 | 56 | -16.17 | - | - |
| 18 | .693 | 19.13 | Av | 9.9 | .2 | 29.23 | - | - | 46 | -16.77 |
| 19 | 1.158 | 19.16 | Pk | 9.8 | .3 | 29.26 | 56 | -26.74 | - | - |
| 20 | 1.188 | 11.25 | Av | 9.8 | .3 | 21.35 | - | - | 46 | -24.65 |
| 21 | 1.686 | 18.04 | Pk | 9.7 | .3 | 28.04 | 56 | -27.96 | - | - |
| 22 | 1.662 | 10.29 | Av | 9.7 | .3 | 20.29 | - | - | 46 | -25.71 |
| 23 | 27.081 | 11.88 | Pk | 10.8 | .3 | 22.98 | 60 | -37.02 | - | - |
| 24 | 27.135 | -.92 | Av | 10.8 | .3 | 10.18 | - | - | 50 | -39.82 |

Pk - Peak detector

Av - Average detection