

BANDEDGE TEST DATA

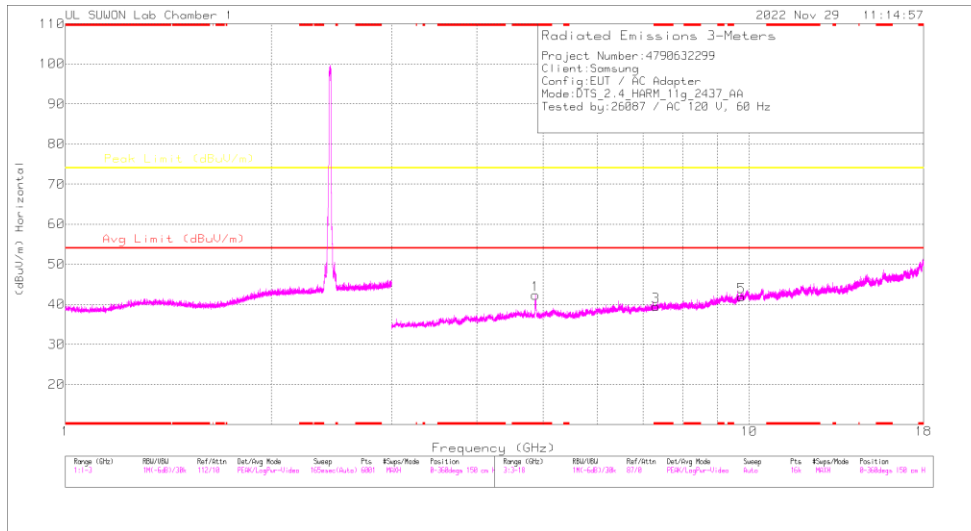
| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result dBuV/m | AV Limit dBuV/m | AV Margin [dB] | PK Limit dBuV/m | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity | |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|---------------|-----------------|----------------|-----------------|----------------|----------------|-------------|----------|---|
| 2412 | MIMO | * 2.39 | 48.70 | Pk | 31.90 | -28.40 | 0.00 | 52.20 | - | - | 74.00 | -21.80 | 72 | 217 | H | |
| | | * 2.38997 | 53.57 | Pk | 31.90 | -28.40 | 0.00 | 57.07 | - | - | 74.00 | -16.93 | 72 | 217 | H | |
| | | * 2.39 | 38.93 | RMS | 31.90 | -28.40 | 0.12 | 42.55 | 54.00 | -11.45 | - | - | - | 72 | 217 | H |
| | | * 2.38996 | 39.43 | RMS | 31.90 | -28.40 | 0.12 | 43.05 | 54.00 | -10.95 | - | - | - | 72 | 217 | H |
| | | * 2.39 | 45.98 | Pk | 31.90 | -28.40 | 0.00 | 49.48 | - | - | 74.00 | -24.52 | 134 | 398 | V | |
| | | * 2.34868 | 48.71 | Pk | 31.80 | -28.40 | 0.00 | 52.11 | - | - | 74.00 | -21.89 | 134 | 398 | V | |
| | | * 2.39 | 36.23 | RMS | 31.90 | -28.40 | 0.12 | 39.85 | 54.00 | -14.15 | - | - | - | 134 | 398 | V |
| * 2.38942 | 36.92 | RMS | 31.90 | -28.40 | 0.12 | 40.54 | 54.00 | -13.46 | - | - | - | 134 | 398 | V | | |
| 2417 | MIMO | * 2.39 | 48.07 | Pk | 31.90 | -28.40 | 0.00 | 51.57 | - | - | 74.00 | -22.43 | 337 | 191 | H | |
| | | * 2.38993 | 51.43 | Pk | 31.90 | -28.40 | 0.00 | 54.93 | - | - | 74.00 | -19.07 | 337 | 191 | H | |
| | | * 2.39 | 38.70 | RMS | 31.90 | -28.40 | 0.12 | 42.32 | 54.00 | -11.68 | - | - | - | 337 | 191 | H |
| | | * 2.38992 | 38.87 | RMS | 31.90 | -28.40 | 0.12 | 42.49 | 54.00 | -11.51 | - | - | - | 337 | 191 | H |
| | | * 2.39 | 47.11 | Pk | 31.90 | -28.40 | 0.00 | 50.61 | - | - | 74.00 | -23.39 | 257 | 396 | V | |
| | | * 2.31707 | 49.58 | Pk | 31.70 | -28.50 | 0.00 | 52.78 | - | - | 74.00 | -21.22 | 257 | 396 | V | |
| | | * 2.39 | 36.63 | RMS | 31.90 | -28.40 | 0.12 | 40.25 | 54.00 | -13.75 | - | - | - | 257 | 396 | V |
| * 2.38988 | 37.38 | RMS | 31.90 | -28.40 | 0.12 | 41.00 | 54.00 | -13.00 | - | - | - | 257 | 396 | V | | |
| 2457 | MIMO | * 2.48351 | 51.82 | Pk | 32.20 | -28.30 | 0.00 | 55.72 | - | - | 74.00 | -18.28 | 76 | 297 | H | |
| | | * 2.48542 | 59.00 | Pk | 32.20 | -28.30 | 0.00 | 62.90 | - | - | 74.00 | -11.10 | 76 | 297 | H | |
| | | * 2.48351 | 41.75 | RMS | 32.20 | -28.30 | 0.12 | 45.77 | 54.00 | -8.23 | - | - | - | 76 | 297 | H |
| | | * 2.48355 | 42.06 | RMS | 32.20 | -28.30 | 0.12 | 46.08 | 54.00 | -7.92 | - | - | - | 76 | 297 | H |
| | | * 2.48351 | 51.72 | Pk | 32.20 | -28.30 | 0.00 | 55.62 | - | - | 74.00 | -18.38 | 212 | 381 | V | |
| | | * 2.48359 | 57.67 | Pk | 32.20 | -28.30 | 0.00 | 61.57 | - | - | 74.00 | -12.43 | 212 | 381 | V | |
| | | * 2.48351 | 41.81 | RMS | 32.20 | -28.30 | 0.12 | 45.83 | 54.00 | -8.17 | - | - | - | 212 | 381 | V |
| * 2.48363 | 41.98 | RMS | 32.20 | -28.30 | 0.12 | 46.00 | 54.00 | -8.00 | - | - | - | 212 | 381 | V | | |
| 2462 | MIMO | * 2.48351 | 60.09 | Pk | 32.20 | -28.30 | 0.00 | 63.99 | - | - | 74.00 | -10.01 | 83 | 120 | H | |
| | | * 2.48364 | 60.86 | Pk | 32.20 | -28.30 | 0.00 | 64.76 | - | - | 74.00 | -9.24 | 83 | 120 | H | |
| | | * 2.48351 | 45.79 | RMS | 32.20 | -28.30 | 0.12 | 49.81 | 54.00 | -4.19 | - | - | - | 83 | 120 | H |
| | | * 2.48359 | 46.24 | RMS | 32.20 | -28.30 | 0.12 | 50.26 | 54.00 | -3.74 | - | - | - | 83 | 120 | H |
| | | * 2.48351 | 56.26 | Pk | 32.20 | -28.30 | 0.00 | 60.16 | - | - | 74.00 | -13.84 | 139 | 375 | V | |
| | | * 2.48364 | 58.76 | Pk | 32.20 | -28.30 | 0.00 | 62.66 | - | - | 74.00 | -11.34 | 139 | 375 | V | |
| | | * 2.48351 | 42.45 | RMS | 32.20 | -28.30 | 0.12 | 46.47 | 54.00 | -7.53 | - | - | - | 139 | 375 | V |
| * 2.48359 | 42.39 | RMS | 32.20 | -28.30 | 0.12 | 46.41 | 54.00 | -7.59 | - | - | - | 139 | 375 | V | | |

Note1. Pk - Peak detector, RMS - RMS detector

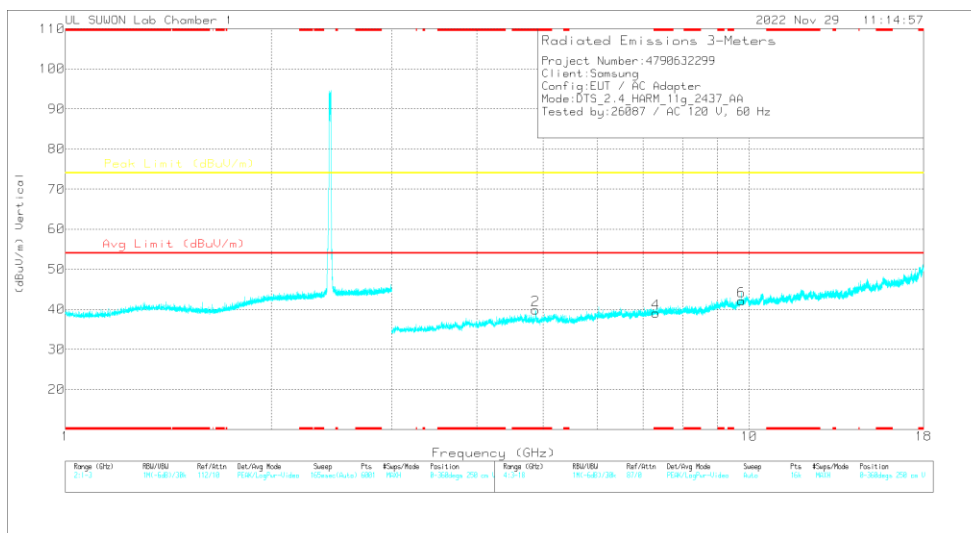
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 6 CHANNEL)

CH 6 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_0016871_7 | 3GHz_HP(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|----------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| * 4.87133 | 51.88 | PK2 | 34.2 | -33 | 0 | 53.08 | - | - | 74 | -20.92 | 151 | 104 | H |
| * 4.87395 | 39.6 | MAV1 | 34.2 | -33 | .12 | 40.92 | 54 | -13.08 | - | - | 151 | 104 | H |
| * 4.87903 | 50.29 | PK2 | 34.2 | -33.1 | 0 | 51.39 | - | - | 74 | -22.61 | 182 | 365 | V |
| * 4.87417 | 38.29 | MAV1 | 34.2 | -33 | .12 | 39.61 | 54 | -14.39 | - | - | 182 | 365 | V |
| * 7.32007 | 43.32 | PK2 | 35.7 | -30.2 | 0 | 48.82 | - | - | 74 | -25.18 | 0 | 100 | H |
| * 7.31281 | 43.69 | PK2 | 35.7 | -30.2 | 0 | 49.19 | - | - | 74 | -24.81 | 0 | 100 | V |
| 9.74312 | 40.25 | PK2 | 37.3 | -26.9 | 0 | 50.65 | - | - | 74 | -23.35 | 0 | 100 | H |
| 9.7481 | 40.75 | PK2 | 37.3 | -26.8 | 0 | 51.25 | - | - | 74 | -22.75 | 0 | 100 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result [dBuV/m] | AV Limit [dBuV/m] | AV Margin [dB] | PK Limit [dBuV/m] | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|-----------------|-------------------|----------------|-------------------|----------------|----------------|-------------|----------|
| 2417 | MIMO | * 4.83437 | 40.02 | PK2 | 34.60 | -30.20 | 0.00 | 44.42 | - | - | 74.00 | -29.58 | 0 | 100 | H |
| | | * 4.83663 | 39.83 | PK2 | 34.60 | -30.20 | 0.00 | 44.23 | - | - | 74.00 | -29.77 | 0 | 100 | V |
| | | 7.248 | 35.75 | PK2 | 36.00 | -25.60 | 0.00 | 46.15 | - | - | 74.00 | -27.85 | 0 | 100 | H |
| | | 7.250 | 35.91 | PK2 | 36.00 | -25.60 | 0.00 | 46.31 | - | - | 74.00 | -27.69 | 0 | 100 | V |
| | | 9.670 | 32.96 | PK2 | 37.40 | -21.50 | 0.00 | 48.86 | - | - | 74.00 | -25.14 | 0 | 100 | H |
| | | 9.668 | 33.14 | PK2 | 37.40 | -21.40 | 0.00 | 49.14 | - | - | 74.00 | -24.86 | 0 | 100 | V |
| 2437 | MIMO | * 4.87133 | 51.88 | PK2 | 34.20 | -33.00 | 0.00 | 53.08 | - | - | 74.00 | -20.92 | 151 | 104 | H |
| | | * 4.87395 | 39.60 | MAv1 | 34.20 | -33.00 | 0.12 | 40.92 | 54.00 | -13.08 | - | - | 151 | 104 | H |
| | | * 4.87903 | 50.29 | PK2 | 34.20 | -33.10 | 0.00 | 51.39 | - | - | 74.00 | -22.61 | 182 | 365 | V |
| | | * 4.87417 | 38.29 | MAv1 | 34.20 | -33.00 | 0.12 | 39.61 | 54.00 | -14.39 | - | - | 182 | 365 | V |
| | | * 7.32007 | 43.32 | PK2 | 35.70 | -30.20 | 0.00 | 48.82 | - | - | 74.00 | -25.18 | 0 | 100 | H |
| | | * 7.31281 | 43.69 | PK2 | 35.70 | -30.20 | 0.00 | 49.19 | - | - | 74.00 | -24.81 | 0 | 100 | V |
| | | 9.743 | 40.25 | PK2 | 37.30 | -26.90 | 0.00 | 50.65 | - | - | 74.00 | -23.35 | 0 | 100 | H |
| | | 9.748 | 40.75 | PK2 | 37.30 | -26.80 | 0.00 | 51.25 | - | - | 74.00 | -22.75 | 0 | 100 | V |
| 2457 | MIMO | * 4.91839 | 40.58 | PK2 | 34.70 | -30.80 | 0.00 | 44.48 | - | - | 74.00 | -29.52 | 0 | 100 | H |
| | | * 4.91478 | 41.27 | PK2 | 34.70 | -30.80 | 0.00 | 45.17 | - | - | 74.00 | -28.83 | 0 | 100 | V |
| | | * 7.37272 | 36.39 | PK2 | 36.00 | -24.70 | 0.00 | 47.69 | - | - | 74.00 | -26.31 | 0 | 100 | H |
| | | * 7.36989 | 35.34 | PK2 | 36.00 | -24.70 | 0.00 | 46.64 | - | - | 74.00 | -27.36 | 0 | 100 | V |
| | | 9.824 | 32.97 | PK2 | 37.60 | -21.50 | 0.00 | 49.07 | - | - | 74.00 | -24.93 | 0 | 100 | H |
| | | 9.830 | 32.91 | PK2 | 37.70 | -21.50 | 0.00 | 49.11 | - | - | 74.00 | -24.89 | 20 | 100 | V |

Note1. PK2 - KDB558074 Method: Maximum Peak / MAv1 - KDB558074 Option 1 Maximum RMS Average

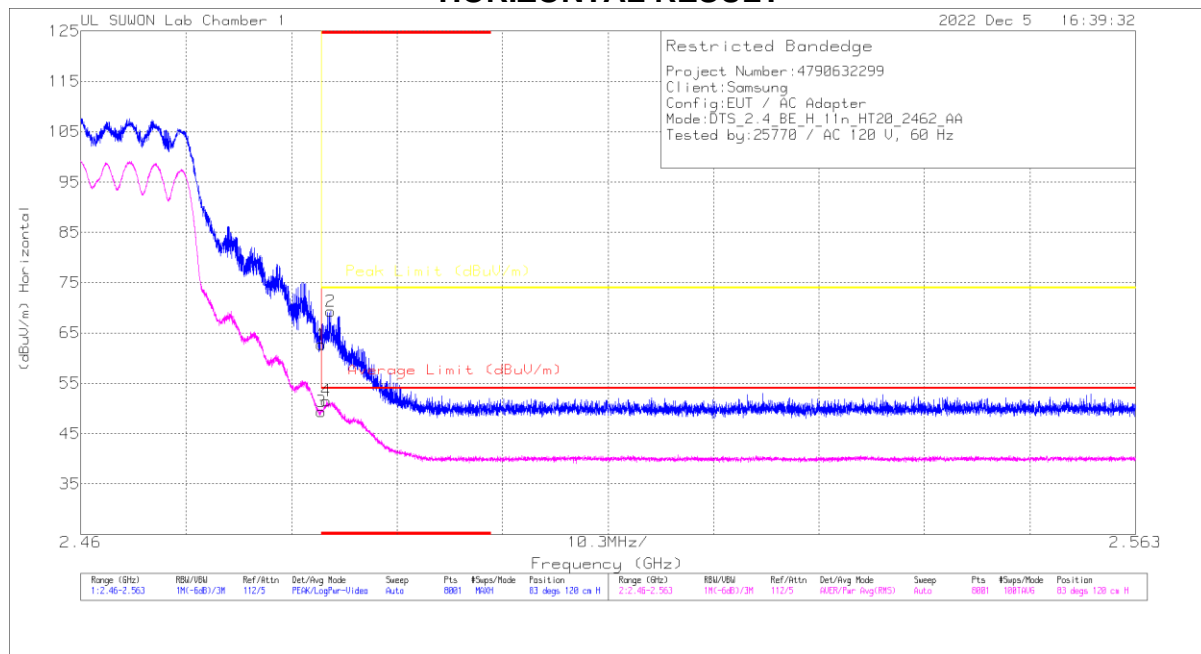
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2

BANDEDGE (WORST CASE: 11 CHANNEL)

HORIZONTAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meas Reading (dBuV) | Det | 3117_00168717 | 10dB_ATT(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Average Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | PK Margin (dB) | Azimuth (Deg) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|--------------|--------------|----------------------------|------------------------|-------------|---------------------|----------------|---------------|-------------|----------|
| 1 | * 2.48351 | 53.82 | Pk | 32.2 | -28.3 | 0 | 62.72 | - | - | 74 | -11.28 | 83 | 120 | H |
| 2 | * 2.4844 | 65.43 | Pk | 32.2 | -28.3 | 0 | 69.33 | - | - | 74 | -4.67 | 83 | 120 | H |
| 3 | * 2.48351 | 45.54 | RMS | 32.2 | -28.3 | 0 | 49.44 | 54 | -4.56 | - | - | 83 | 120 | H |
| 4 | * 2.48399 | 47.66 | RMS | 32.2 | -28.3 | 0 | 51.56 | 54 | -2.44 | - | - | 83 | 120 | H |

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

BANDEDGE TEST DATA

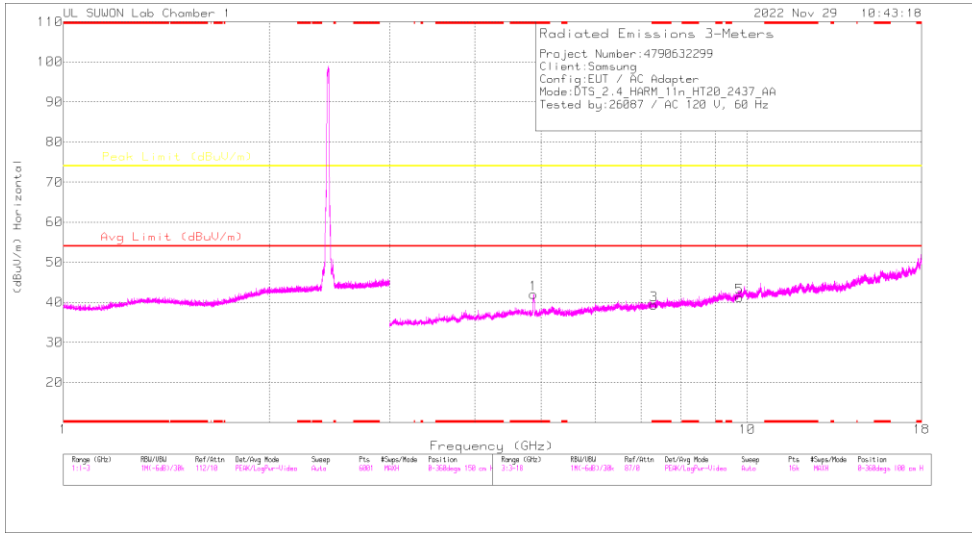
| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result dBuV/m | AV Limit dBuV/m | AV Margin [dB] | PK Limit dBuV/m | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity | |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|---------------|-----------------|----------------|-----------------|----------------|----------------|-------------|----------|---|
| 2412 | MIMO | * 2.39 | 51.33 | Pk | 31.90 | -28.40 | 0.00 | 54.83 | - | - | 74.00 | -19.17 | 338 | 352 | H | |
| | | * 2.38879 | 55.00 | Pk | 31.90 | -28.50 | 0.00 | 58.40 | - | - | 74.00 | -15.60 | 338 | 352 | H | |
| | | * 2.39 | 37.98 | RMS | 31.90 | -28.40 | 0.00 | 41.48 | 54.00 | -12.52 | - | - | - | 338 | 352 | H |
| | | * 2.38924 | 38.46 | RMS | 31.90 | -28.40 | 0.00 | 41.96 | 54.00 | -12.04 | - | - | - | 338 | 352 | H |
| | | * 2.39 | 47.08 | Pk | 31.90 | -28.40 | 0.00 | 50.58 | - | - | 74.00 | -23.42 | 305 | 398 | V | |
| | | * 2.38993 | 50.02 | Pk | 31.90 | -28.40 | 0.00 | 53.52 | - | - | 74.00 | -20.48 | 305 | 398 | V | |
| | | * 2.39 | 36.96 | RMS | 31.90 | -28.40 | 0.00 | 40.46 | 54.00 | -13.54 | - | - | - | 305 | 398 | V |
| * 2.38972 | 37.04 | RMS | 31.90 | -28.40 | 0.00 | 40.54 | 54.00 | -13.46 | - | - | - | 305 | 398 | V | | |
| 2417 | MIMO | * 2.39 | 51.40 | Pk | 31.90 | -28.40 | 0.00 | 54.90 | - | - | 74.00 | -19.10 | 333 | 191 | H | |
| | | * 2.38984 | 52.89 | Pk | 31.90 | -28.40 | 0.00 | 56.39 | - | - | 74.00 | -17.61 | 333 | 191 | H | |
| | | * 2.39 | 38.16 | RMS | 31.90 | -28.40 | 0.00 | 41.66 | 54.00 | -12.34 | - | - | - | 333 | 191 | H |
| | | * 2.38993 | 38.73 | RMS | 31.90 | -28.40 | 0.00 | 42.23 | 54.00 | -11.77 | - | - | - | 333 | 191 | H |
| | | * 2.39 | 46.17 | Pk | 31.90 | -28.40 | 0.00 | 49.67 | - | - | 74.00 | -24.33 | 238 | 397 | V | |
| | | * 2.38812 | 49.29 | Pk | 31.90 | -28.50 | 0.00 | 52.69 | - | - | 74.00 | -21.31 | 238 | 397 | V | |
| | | * 2.39 | 36.61 | RMS | 31.90 | -28.40 | 0.00 | 40.11 | 54.00 | -13.89 | - | - | - | 238 | 397 | V |
| * 2.38942 | 37.36 | RMS | 31.90 | -28.40 | 0.00 | 40.86 | 54.00 | -13.14 | - | - | - | 238 | 397 | V | | |
| 2457 | MIMO | * 2.48351 | 51.13 | Pk | 32.20 | -28.30 | 0.00 | 55.03 | - | - | 74.00 | -18.97 | 77 | 296 | H | |
| | | * 2.48561 | 59.31 | Pk | 32.20 | -28.30 | 0.00 | 63.21 | - | - | 74.00 | -10.79 | 77 | 296 | H | |
| | | * 2.48351 | 40.96 | RMS | 32.20 | -28.30 | 0.00 | 44.86 | 54.00 | -9.14 | - | - | - | 77 | 296 | H |
| | | * 2.48437 | 42.58 | RMS | 32.20 | -28.30 | 0.00 | 46.48 | 54.00 | -7.52 | - | - | - | 77 | 296 | H |
| | | * 2.48351 | 53.95 | Pk | 32.20 | -28.30 | 0.00 | 57.85 | - | - | 74.00 | -16.15 | 212 | 384 | V | |
| | | * 2.48611 | 55.60 | Pk | 32.20 | -28.30 | 0.00 | 59.50 | - | - | 74.00 | -14.50 | 212 | 384 | V | |
| | | * 2.48351 | 41.43 | RMS | 32.20 | -28.30 | 0.00 | 45.33 | 54.00 | -8.67 | - | - | - | 212 | 384 | V |
| * 2.48355 | 41.56 | RMS | 32.20 | -28.30 | 0.00 | 45.46 | 54.00 | -8.54 | - | - | - | 212 | 384 | V | | |
| 2462 | MIMO | * 2.48351 | 58.82 | Pk | 32.20 | -28.30 | 0.00 | 62.72 | - | - | 74.00 | -11.28 | 83 | 120 | H | |
| | | * 2.4844 | 65.43 | Pk | 32.20 | -28.30 | 0.00 | 69.33 | - | - | 74.00 | -4.67 | 83 | 120 | H | |
| | | * 2.48351 | 45.54 | RMS | 32.20 | -28.30 | 0.00 | 49.44 | 54.00 | -4.56 | - | - | - | 83 | 120 | H |
| | | * 2.48399 | 47.66 | RMS | 32.20 | -28.30 | 0.00 | 51.56 | 54.00 | -2.44 | - | - | - | 83 | 120 | H |
| | | * 2.48351 | 52.12 | Pk | 32.20 | -28.30 | 0.00 | 56.02 | - | - | 74.00 | -17.98 | 138 | 377 | V | |
| | | * 2.48469 | 61.81 | Pk | 32.20 | -28.30 | 0.00 | 65.71 | - | - | 74.00 | -8.29 | 138 | 377 | V | |
| | | * 2.48351 | 40.69 | RMS | 32.20 | -28.30 | 0.00 | 44.59 | 54.00 | -9.41 | - | - | - | 138 | 377 | V |
| * 2.48433 | 43.38 | RMS | 32.20 | -28.30 | 0.00 | 47.28 | 54.00 | -6.72 | - | - | - | 138 | 377 | V | | |

Note1. Pk - Peak detector, RMS - RMS detector

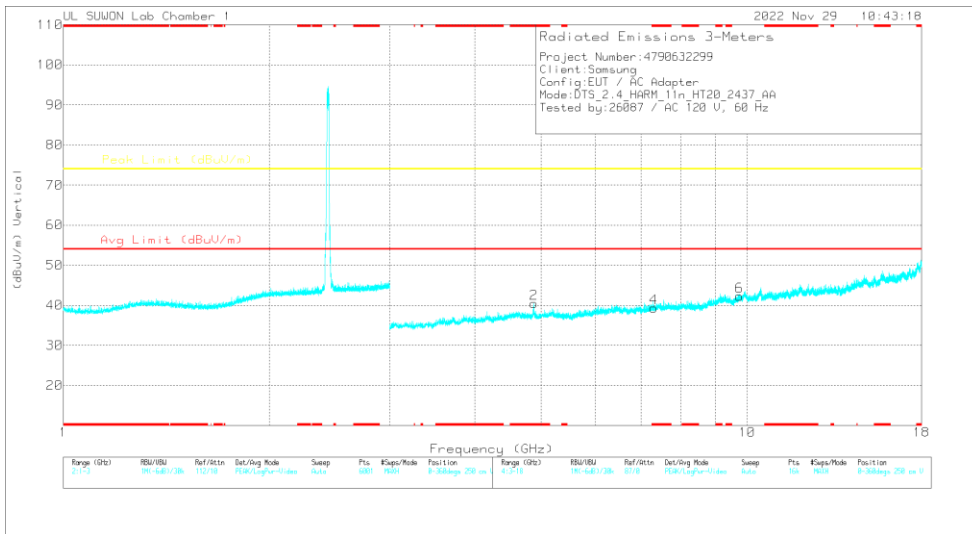
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 6 CHANNEL)

CH 6 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_0016871 7 | 3GHz_HP(dB) | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|------|-------------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| * 4.87588 | 51.5 | PK2 | 34.2 | -33 | 0 | 52.7 | - | - | 74 | -21.3 | 153 | 104 | H |
| * 4.87498 | 39.28 | MAV1 | 34.2 | -33 | 0 | 40.48 | 54 | -13.52 | - | - | 153 | 104 | H |
| * 4.87501 | 51.46 | PK2 | 34.2 | -33 | 0 | 52.66 | - | - | 74 | -21.34 | 196 | 308 | V |
| * 4.87531 | 38.69 | MAV1 | 34.2 | -33 | 0 | 39.89 | 54 | -14.11 | - | - | 196 | 308 | V |
| * 7.30267 | 43.28 | PK2 | 35.7 | -30.2 | 0 | 48.78 | - | - | 74 | -25.22 | 0 | 100 | H |
| * 7.31239 | 43.82 | PK2 | 35.7 | -30.2 | 0 | 49.32 | - | - | 74 | -24.68 | 0 | 100 | V |
| 9.75692 | 40.88 | PK2 | 37.3 | -26.5 | 0 | 51.68 | - | - | 74 | -22.32 | 0 | 100 | H |
| 9.75094 | 40.71 | PK2 | 37.3 | -26.7 | 0 | 51.31 | - | - | 74 | -22.69 | 0 | 100 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAV1 - KDB558074 Option 1 Maximum RMS Average

HARMONICS AND SPURIOUS EMISSIONS TEST DATA

| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result [dBuV/m] | AV Limit [dBuV/m] | AV Margin [dB] | PK Limit [dBuV/m] | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|-----------------|-------------------|----------------|-------------------|----------------|----------------|-------------|----------|
| 2417 | MIMO | * 4.83653 | 39.53 | PK2 | 34.60 | -30.20 | 0.00 | 43.93 | - | - | 74.00 | -30.07 | 0 | 100 | H |
| | | * 4.83341 | 39.32 | PK2 | 34.60 | -30.20 | 0.00 | 43.72 | - | - | 74.00 | -30.28 | 158 | 117 | V |
| | | * 7.25263 | 35.60 | PK2 | 36.00 | -25.60 | 0.00 | 46.00 | - | - | 74.00 | -28.00 | 0 | 100 | H |
| | | 7.247 | 35.70 | PK2 | 36.00 | -25.60 | 0.00 | 46.10 | - | - | 74.00 | -27.90 | 158 | 117 | V |
| | | 9.668 | 32.58 | PK2 | 37.40 | -21.40 | 0.00 | 48.58 | - | - | 74.00 | -25.42 | 158 | 117 | H |
| | | 9.668 | 33.30 | PK2 | 37.40 | -21.40 | 0.00 | 49.30 | - | - | 74.00 | -24.70 | 16 | 103 | V |
| 2437 | MIMO | * 4.87588 | 51.50 | PK2 | 34.20 | -33.00 | 0.00 | 52.70 | - | - | 74.00 | -21.30 | 153 | 104 | H |
| | | 4.87498 | 39.28 | MAv1 | 34.20 | -33.00 | 0.00 | 40.48 | 54.00 | -13.52 | - | - | 153 | 104 | H |
| | | * 4.87501 | 51.46 | PK2 | 34.20 | -33.00 | 0.00 | 52.66 | - | - | 74.00 | -21.34 | 196 | 308 | V |
| | | * 4.87531 | 38.69 | MAv1 | 34.20 | -33.00 | 0.00 | 39.89 | 54.00 | -14.11 | - | - | 196 | 308 | V |
| | | * 7.30267 | 43.28 | PK2 | 35.70 | -30.20 | 0.00 | 48.78 | - | - | 74.00 | -25.22 | 0 | 100 | H |
| | | * 7.31239 | 43.82 | PK2 | 35.70 | -30.20 | 0.00 | 49.32 | - | - | 74.00 | -24.68 | 0 | 100 | V |
| | | 9.757 | 40.88 | PK2 | 37.30 | -26.50 | 0.00 | 51.68 | - | - | 74.00 | -22.32 | 0 | 100 | H |
| | | 9.751 | 40.71 | PK2 | 37.30 | -26.70 | 0.00 | 51.31 | - | - | 74.00 | -22.69 | 0 | 100 | V |
| | | * 4.91839 | 40.58 | PK2 | 34.70 | -30.80 | 0.00 | 44.48 | - | - | 74.00 | -29.52 | 0 | 100 | H |
| 2457 | MIMO | * 4.91478 | 41.27 | PK2 | 34.70 | -30.80 | 0.00 | 45.17 | - | - | 74.00 | -28.83 | 0 | 100 | V |
| | | * 7.37272 | 36.39 | PK2 | 36.00 | -24.70 | 0.00 | 47.69 | - | - | 74.00 | -26.31 | 0 | 100 | H |
| | | * 7.36989 | 35.34 | PK2 | 36.00 | -24.70 | 0.00 | 46.64 | - | - | 74.00 | -27.36 | 0 | 100 | V |
| | | 9.824 | 32.97 | PK2 | 37.60 | -21.50 | 0.00 | 49.07 | - | - | 74.00 | -24.93 | 0 | 100 | H |
| | | 9.830 | 32.91 | PK2 | 37.70 | -21.50 | 0.00 | 49.11 | - | - | 74.00 | -24.89 | 20 | 100 | V |

Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

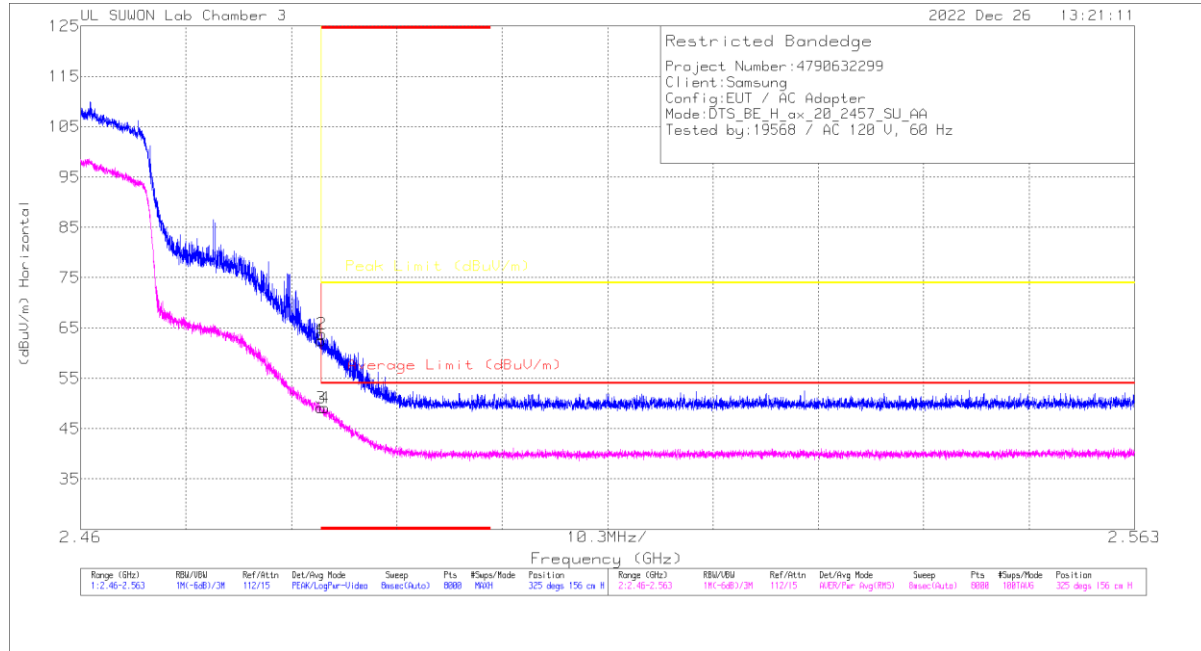
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.1.4. TX ABOVE 1 GHz 802.11ax HE20 MODE IN THE 2.4 GHz BAND

2TX Antenna 1 + Antenna 2

BANDEDGE (10 CHANNEL, SU MODE)

HORIZONTAL RESULT



Trace Markers

| Marker | Frequency (GHz) | Meter Reading (dBu/m) | Det | 3117_00218967 | 10dB_ATT(dB) | DC Corr (dB) | Corrected Reading (dBu/m) | Average Limit (dBu/m) | Margin (dB) | Peak Limit (dBu/m) | PK Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|-----------------------|-----|---------------|--------------|--------------|---------------------------|-----------------------|-------------|--------------------|----------------|----------------|-------------|----------|
| 1 | * 2.4835 | 54.24 | PK | 32.9 | -24.7 | 0 | 62.44 | - | - | 74 | -11.56 | 325 | 156 | H |
| 2 | * 2.48354 | 55.67 | PK | 32.9 | -24.7 | 0 | 63.87 | - | - | 74 | -10.13 | 325 | 156 | H |
| 3 | * 2.4835 | 40.88 | RMS | 32.9 | -24.7 | 0 | 49.08 | 54 | -4.92 | - | - | 325 | 156 | H |
| 4 | * 2.48387 | 40.99 | RMS | 32.9 | -24.7 | 0 | 49.19 | 54 | -4.81 | - | - | 325 | 156 | H |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK - Peak detector
 RMS - RMS detection

BANDEDGE TEST DATA

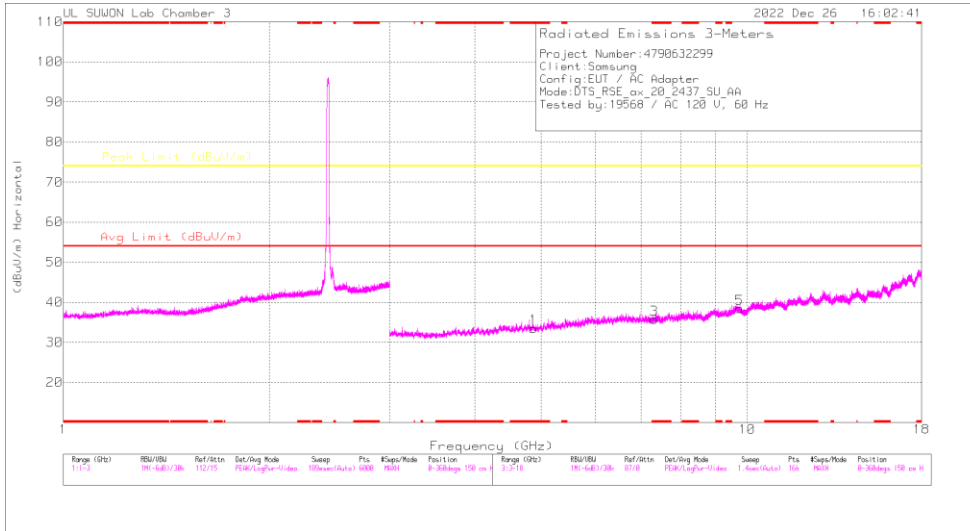
| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result [dBuV/m] | AV Limit [dBuV/m] | AV Margin [dB] | PK Limit [dBuV/m] | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity | |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|-----------------|-------------------|----------------|-------------------|----------------|----------------|-------------|----------|---|
| 2412 ORU | MIMO | * 2.39 | 41.18 | Pk | 32.80 | -24.80 | 0.00 | 49.18 | - | - | 74.00 | -24.82 | 336 | 138 | H | |
| | | * 2.38977 | 45.17 | Pk | 32.80 | -24.80 | 0.00 | 53.17 | - | - | 74.00 | -20.83 | 336 | 138 | H | |
| | | * 2.39 | 32.31 | RMS | 32.80 | -24.80 | 0.00 | 40.31 | 54.00 | -13.69 | - | - | - | 336 | 138 | H |
| | | * 2.36269 | 33.08 | RMS | 32.70 | -24.90 | 0.00 | 40.88 | 54.00 | -13.12 | - | - | - | 336 | 138 | H |
| | | * 2.39 | 42.27 | Pk | 32.80 | -24.80 | 0.00 | 50.27 | - | - | 74.00 | -23.73 | 215 | 345 | V | |
| | | * 2.38947 | 49.16 | Pk | 32.80 | -24.80 | 0.00 | 57.16 | - | - | 74.00 | -16.84 | 215 | 345 | V | |
| | | * 2.39 | 32.70 | RMS | 32.80 | -24.80 | 0.00 | 40.70 | 54.00 | -13.30 | - | - | - | 215 | 345 | V |
| * 2.38998 | 33.11 | RMS | 32.80 | -24.80 | 0.00 | 41.11 | 54.00 | -12.89 | - | - | - | 215 | 345 | V | | |
| 2412 SU | MIMO | * 2.39 | 45.89 | Pk | 32.80 | -24.80 | 0.00 | 53.89 | - | - | 74.00 | -20.11 | 62 | 100 | H | |
| | | * 2.38829 | 49.46 | Pk | 32.80 | -24.80 | 0.00 | 57.46 | - | - | 74.00 | -16.54 | 62 | 100 | H | |
| | | * 2.39 | 33.80 | RMS | 32.80 | -24.80 | 0.00 | 41.80 | 54.00 | -12.20 | - | - | - | 62 | 100 | H |
| | | * 2.38976 | 34.18 | RMS | 32.80 | -24.80 | 0.00 | 42.18 | 54.00 | -11.82 | - | - | - | 62 | 100 | H |
| | | * 2.39 | 41.99 | Pk | 32.80 | -24.80 | 0.00 | 49.99 | - | - | 74.00 | -24.01 | 215 | 345 | V | |
| | | * 2.38899 | 47.32 | Pk | 32.80 | -24.80 | 0.00 | 55.32 | - | - | 74.00 | -18.68 | 215 | 345 | V | |
| | | * 2.39 | 33.53 | RMS | 32.80 | -24.80 | 0.00 | 41.53 | 54.00 | -12.47 | - | - | - | 215 | 345 | V |
| * 2.38972 | 33.71 | RMS | 32.80 | -24.80 | 0.00 | 41.71 | 54.00 | -12.29 | - | - | - | 215 | 345 | V | | |
| 2417 SU | MIMO | * 2.39 | 46.56 | Pk | 32.80 | -24.80 | 0.00 | 54.56 | - | - | 74.00 | -19.44 | 66 | 100 | H | |
| | | * 2.38843 | 54.79 | Pk | 32.80 | -24.80 | 0.00 | 62.79 | - | - | 74.00 | -11.21 | 66 | 100 | H | |
| | | * 2.39 | 35.86 | RMS | 32.80 | -24.80 | 0.00 | 43.86 | 54.00 | -10.14 | - | - | - | 66 | 100 | H |
| | | * 2.3893 | 36.23 | RMS | 32.80 | -24.80 | 0.00 | 44.23 | 54.00 | -9.77 | - | - | - | 66 | 100 | H |
| | | * 2.39 | 44.16 | Pk | 32.80 | -24.80 | 0.00 | 52.16 | - | - | 74.00 | -21.84 | 216 | 387 | V | |
| | | * 2.38954 | 49.52 | Pk | 32.80 | -24.80 | 0.00 | 57.52 | - | - | 74.00 | -16.48 | 216 | 387 | V | |
| | | * 2.39 | 34.17 | RMS | 32.90 | -24.80 | 0.00 | 42.17 | 54.00 | -11.83 | - | - | - | 216 | 387 | V |
| * 2.38955 | 34.46 | RMS | 32.80 | -24.80 | 0.00 | 42.46 | 54.00 | -11.54 | - | - | - | 216 | 387 | V | | |
| 2457 SU | MIMO | * 2.4835 | 54.24 | Pk | 32.90 | -24.70 | 0.00 | 62.44 | - | - | 74.00 | -11.56 | 325 | 156 | H | |
| | | * 2.48354 | 55.67 | Pk | 32.90 | -24.70 | 0.00 | 63.87 | - | - | 74.00 | -10.13 | 325 | 156 | H | |
| | | * 2.4835 | 40.88 | RMS | 32.90 | -24.70 | 0.00 | 49.08 | 54.00 | -4.92 | - | - | - | 325 | 156 | H |
| | | * 2.48387 | 40.99 | RMS | 32.90 | -24.70 | 0.00 | 49.19 | 54.00 | -4.81 | - | - | - | 325 | 156 | H |
| | | * 2.4835 | 47.63 | Pk | 32.90 | -24.70 | 0.00 | 55.83 | - | - | 74.00 | -18.17 | 212 | 368 | V | |
| | | * 2.48488 | 52.35 | Pk | 32.90 | -24.70 | 0.00 | 60.55 | - | - | 74.00 | -13.45 | 212 | 368 | V | |
| | | * 2.4835 | 36.65 | RMS | 32.90 | -24.70 | 0.00 | 44.85 | 54.00 | -9.15 | - | - | - | 212 | 368 | V |
| * 2.48358 | 37.63 | RMS | 32.90 | -24.70 | 0.00 | 45.83 | 54.00 | -8.17 | - | - | - | 212 | 368 | V | | |
| 2462 SU | MIMO | * 2.4835 | 52.84 | Pk | 32.90 | -24.70 | 0.00 | 61.04 | - | - | 74.00 | -12.96 | 322 | 177 | H | |
| | | * 2.48506 | 58.60 | Pk | 32.90 | -24.70 | 0.00 | 66.80 | - | - | 74.00 | -7.20 | 322 | 177 | H | |
| | | * 2.4835 | 39.20 | RMS | 32.90 | -24.70 | 0.00 | 47.40 | 54.00 | -6.60 | - | - | - | 322 | 177 | H |
| | | * 2.4839 | 39.98 | RMS | 32.90 | -24.70 | 0.00 | 48.18 | 54.00 | -5.82 | - | - | - | 322 | 177 | H |
| | | * 2.4835 | 49.59 | Pk | 32.90 | -24.70 | 0.00 | 57.79 | - | - | 74.00 | -16.21 | 215 | 372 | V | |
| | | * 2.4839 | 53.81 | Pk | 32.90 | -24.70 | 0.00 | 62.01 | - | - | 74.00 | -11.99 | 215 | 372 | V | |
| | | * 2.4835 | 36.02 | RMS | 32.90 | -24.70 | 0.00 | 44.22 | 54.00 | -9.78 | - | - | - | 215 | 372 | V |
| * 2.48405 | 36.80 | RMS | 32.90 | -24.70 | 0.00 | 45.00 | 54.00 | -9.00 | - | - | - | 215 | 372 | V | | |
| 2462 8RU | MIMO | * 2.4835 | 42.28 | Pk | 32.90 | -24.70 | 0.00 | 50.48 | - | - | 74.00 | -23.52 | 337 | 113 | H | |
| | | * 2.48373 | 53.43 | Pk | 32.90 | -24.70 | 0.00 | 61.63 | - | - | 74.00 | -12.37 | 337 | 113 | H | |
| | | * 2.4835 | 32.58 | RMS | 32.90 | -24.70 | 0.00 | 40.78 | 54.00 | -13.22 | - | - | - | 337 | 113 | H |
| | | * 2.48368 | 33.78 | RMS | 32.90 | -24.70 | 0.00 | 41.98 | 54.00 | -12.02 | - | - | - | 337 | 113 | H |
| | | * 2.4835 | 41.76 | Pk | 32.90 | -24.70 | 0.00 | 49.96 | - | - | 74.00 | -24.04 | 242 | 264 | V | |
| | | * 2.48494 | 51.63 | Pk | 32.90 | -24.70 | 0.00 | 59.83 | - | - | 74.00 | -14.17 | 242 | 264 | V | |
| | | * 2.4835 | 32.29 | RMS | 32.90 | -24.70 | 0.00 | 40.49 | 54.00 | -13.51 | - | - | - | 242 | 264 | V |
| * 2.4844 | 33.38 | RMS | 32.90 | -24.70 | 0.00 | 41.58 | 54.00 | -12.42 | - | - | - | 242 | 264 | V | | |

Note1. Pk - Peak detector, RMS - RMS detector

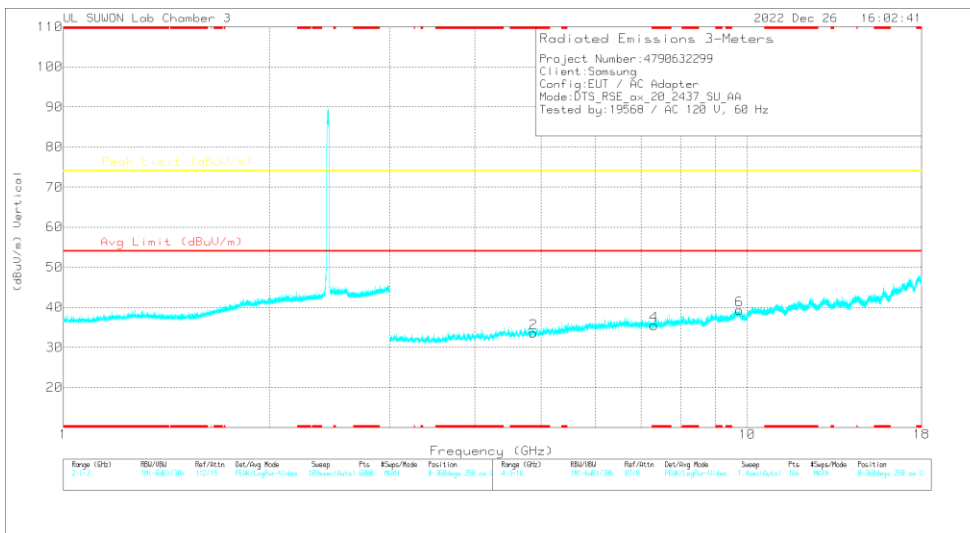
Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

HARMONICS AND SPURIOUS EMISSIONS (WORST CASE: 6 CHANNEL, 4RU)

CH 6 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_00218957 | 3GHz_HP[dB] | DC Corr (dB) | Corrected Reading (dBuV/m) | Avg Limit (dBuV/m) | Margin (dB) | Peak Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|-----------------|----------------------|-----|---------------|-------------|--------------|----------------------------|--------------------|-------------|---------------------|-------------|----------------|-------------|----------|
| * 4.8757 | 39.7 | PK2 | 34.7 | -30.6 | 0 | 43.8 | - | - | 74 | -30.2 | 0 | 100 | H |
| * 4.86707 | 39.97 | PK2 | 34.6 | -30.5 | 0 | 44.07 | - | - | 74 | -29.93 | 0 | 100 | V |
| * 7.31056 | 35.37 | PK2 | 36 | -25.3 | 0 | 46.07 | - | - | 74 | -27.93 | 0 | 100 | H |
| * 7.31354 | 34.93 | PK2 | 36 | -25.2 | 0 | 45.73 | - | - | 74 | -28.27 | 0 | 100 | V |
| 9.74262 | 32.4 | PK2 | 37.5 | -21.4 | 0 | 48.5 | - | - | 74 | -25.5 | 0 | 100 | H |
| 9.74806 | 32.8 | PK2 | 37.5 | -21.4 | 0 | 48.9 | - | - | 74 | -25.1 | 20 | 101 | V |

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

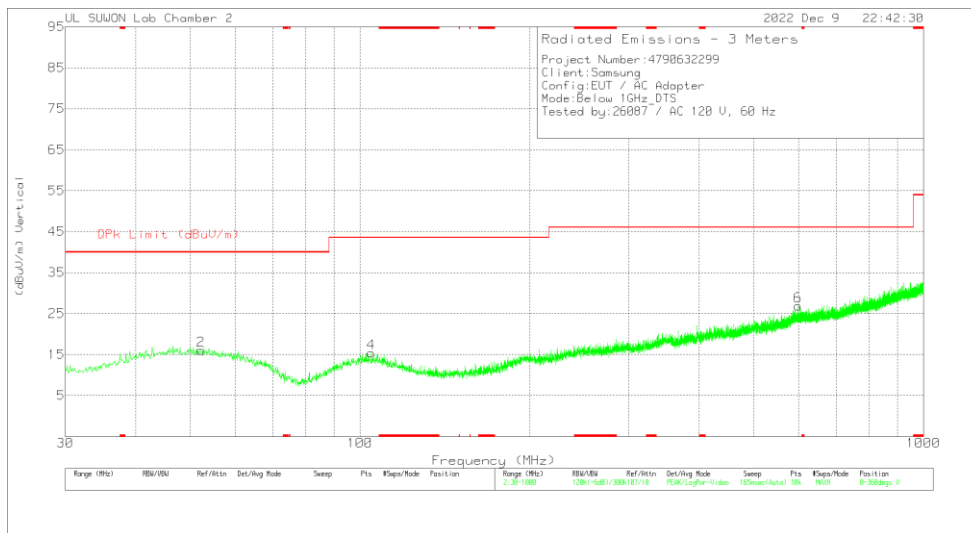
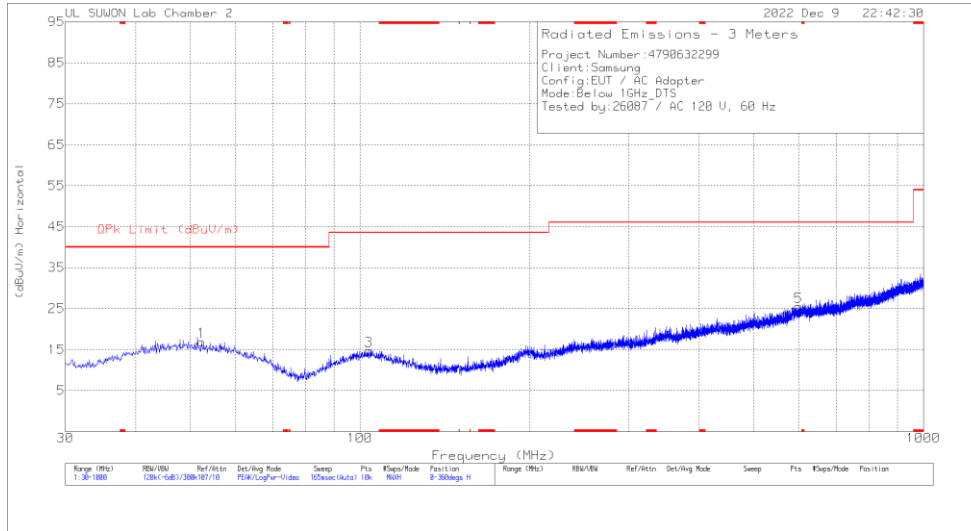
HARMONICS AND SPURIOUS EMISSIONS TEST DATA

| Freq. [MHz] | Antenna | Frequency [GHz] | Reading [dBuV] | Detector Mode | ANT Factor | Loss [dB] | DC Corr [dB] | Result [dBuV/m] | AV Limit [dBuV/m] | AV Margin [dB] | PK Limit [dBuV/m] | PK Margin [dB] | Azimuth [Degs] | Height [cm] | Polarity |
|-------------|---------|-----------------|----------------|---------------|------------|-----------|--------------|-----------------|-------------------|----------------|-------------------|----------------|----------------|-------------|----------|
| 2412 RU4 | MIMO | * 4.83119 | 39.28 | PK2 | 34.60 | -30.10 | 0.00 | 43.78 | - | - | 74.00 | -30.22 | 0 | 100 | H |
| | | * 4.81676 | 39.41 | PK2 | 34.60 | -30.00 | 0.00 | 44.01 | - | - | 74.00 | -29.99 | 0 | 100 | V |
| | | 7.228 | 35.51 | PK2 | 36.00 | -25.60 | 0.00 | 45.91 | - | - | 74.00 | -28.09 | 0 | 100 | H |
| | | 7.234 | 35.27 | PK2 | 36.00 | -25.60 | 0.00 | 45.67 | - | - | 74.00 | -28.33 | 0 | 100 | V |
| | | 9.655 | 32.15 | PK2 | 37.40 | -21.50 | 0.00 | 48.05 | - | - | 74.00 | -25.95 | 0 | 100 | H |
| | | 9.648 | 32.55 | PK2 | 37.40 | -21.50 | 0.00 | 48.45 | - | - | 74.00 | -25.55 | 54 | 100 | V |
| 2437 RU4 | MIMO | * 4.87148 | 39.77 | PK2 | 34.60 | -30.60 | 0.00 | 43.77 | - | - | 74.00 | -30.23 | 0 | 100 | H |
| | | * 4.87003 | 40.58 | PK2 | 34.60 | -30.50 | 0.00 | 44.68 | - | - | 74.00 | -29.32 | 0 | 100 | V |
| | | * 7.30512 | 35.13 | PK2 | 36.00 | -25.30 | 0.00 | 45.83 | - | - | 74.00 | -28.17 | 0 | 100 | H |
| | | * 7.30293 | 35.52 | PK2 | 36.00 | -25.30 | 0.00 | 46.22 | - | - | 74.00 | -27.78 | 0 | 100 | V |
| | | 9.758 | 31.97 | PK2 | 37.50 | -21.30 | 0.00 | 48.17 | - | - | 74.00 | -25.83 | 0 | 100 | H |
| | | 9.748 | 33.16 | PK2 | 37.50 | -21.40 | 0.00 | 49.26 | - | - | 74.00 | -24.74 | 18 | 113 | V |
| 2462 RU4 | MIMO | * 4.93011 | 40.30 | PK2 | 34.70 | -30.70 | 0.00 | 44.30 | - | - | 74.00 | -29.70 | 0 | 100 | H |
| | | * 4.92332 | 39.90 | PK2 | 34.70 | -30.70 | 0.00 | 43.90 | - | - | 74.00 | -30.10 | 0 | 100 | V |
| | | * 7.39633 | 34.45 | PK2 | 36.00 | -24.60 | 0.00 | 45.85 | - | - | 74.00 | -28.15 | 0 | 100 | H |
| | | * 7.38279 | 34.38 | PK2 | 36.00 | -24.70 | 0.00 | 45.68 | - | - | 74.00 | -28.32 | 0 | 100 | V |
| | | 9.857 | 31.62 | PK2 | 37.70 | -21.50 | 0.00 | 47.82 | - | - | 74.00 | -26.18 | 0 | 100 | H |
| | | 9.848 | 32.14 | PK2 | 37.70 | -21.50 | 0.00 | 48.34 | - | - | 74.00 | -25.66 | 20 | 100 | V |

Note1. PK2 - KDB558074 Method: Maximum Peak / MAV1 - KDB558074 Option 1 Maximum RMS Average

Note2. * - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

10.2. WORST CASE BELOW 1 GHZ



Below 1GHz DATA

Trace Markers

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | VULB9163_749 | Below 1G[dB] | DC Corr (dB) | Corrected Reading (dBuV/m) | QPk Limit (dBuV/m) | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|----------------------|-----|--------------|--------------|--------------|----------------------------|--------------------|-------------|----------------|-------------|----------|
| 1 | 52.31 | 28.55 | Pk | 19.7 | -31.3 | 0 | 16.95 | 40 | -23.05 | 0-360 | 100 | H |
| 3 | 103.526 | 27.71 | Pk | 17.6 | -30.6 | 0 | 14.71 | 43.52 | -28.81 | 0-360 | 100 | H |
| 5 | 600.748 | 28.04 | Pk | 25 | -27.5 | 0 | 25.54 | 46.02 | -20.48 | 0-360 | 100 | H |
| 2 | 52.213 | 27.67 | PK | 19.7 | -31.3 | 0 | 16.07 | 40 | -23.93 | 0-360 | 300 | V |
| 4 | 104.787 | 28.44 | PK | 17.6 | -30.6 | 0 | 15.44 | 43.52 | -28.08 | 0-360 | 200 | V |
| 6 | 599.39 | 29.45 | PK | 25 | -27.6 | 0 | 26.85 | 46.02 | -19.17 | 0-360 | 100 | V |

Pk - Peak detector

11. 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.

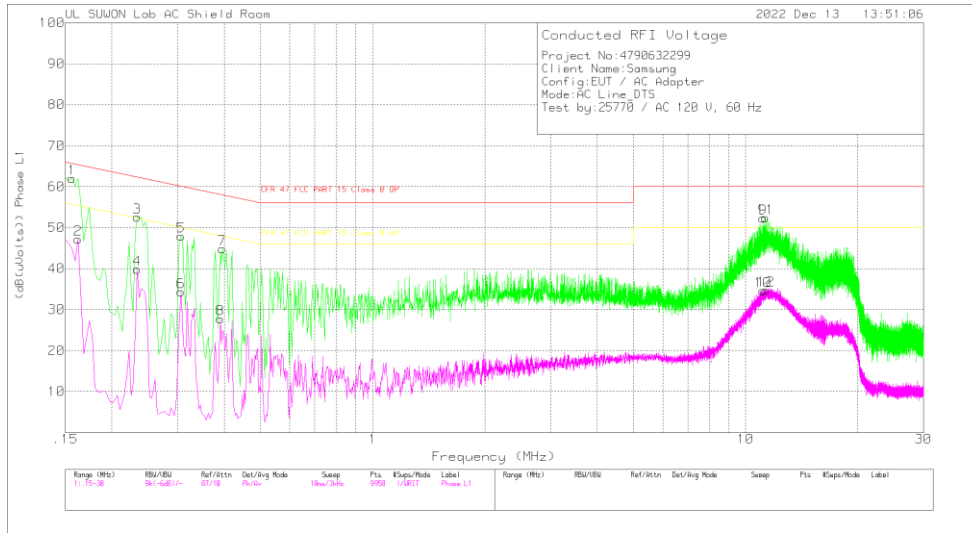
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

11.1.1. AC Power Line

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 101836_With 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 | .156 | 52.1 | Pk | 9.8 | .1 | 62 | 65.67 | -3.67 | - | - |
| 2 | .162 | 37.22 | Av | 9.9 | .1 | 47.22 | - | - | 55.36 | -8.14 |
| 3 | .234 | 42.66 | Pk | 9.7 | .2 | 52.56 | 62.31 | -9.75 | - | - |
| 4 | .234 | 29.95 | Av | 9.7 | .2 | 39.85 | - | - | 52.31 | -12.46 |
| 5 | .306 | 38.04 | Pk | 9.7 | .2 | 47.94 | 60.08 | -12.14 | - | - |
| 6 | .306 | 24.41 | Av | 9.7 | .2 | 34.31 | - | - | 50.08 | -15.77 |
| 7 | .396 | 34.77 | Pk | 9.8 | .2 | 44.77 | 57.94 | -13.17 | - | - |
| 8 | .39 | 17.7 | Av | 9.8 | .2 | 27.7 | - | - | 48.06 | -20.36 |
| 9 | 11.13 | 42.14 | Pk | 9.9 | .3 | 52.34 | 60 | -7.66 | - | - |
| 10 | 11.133 | 24.46 | Av | 9.9 | .3 | 34.66 | - | - | 50 | -15.34 |
| 11 | 11.319 | 42.2 | Pk | 9.9 | .3 | 52.4 | 60 | -7.6 | - | - |
| 12 | 11.34 | 24.58 | Av | 9.9 | .3 | 34.78 | - | - | 50 | -15.22 |

Pk - Peak detector

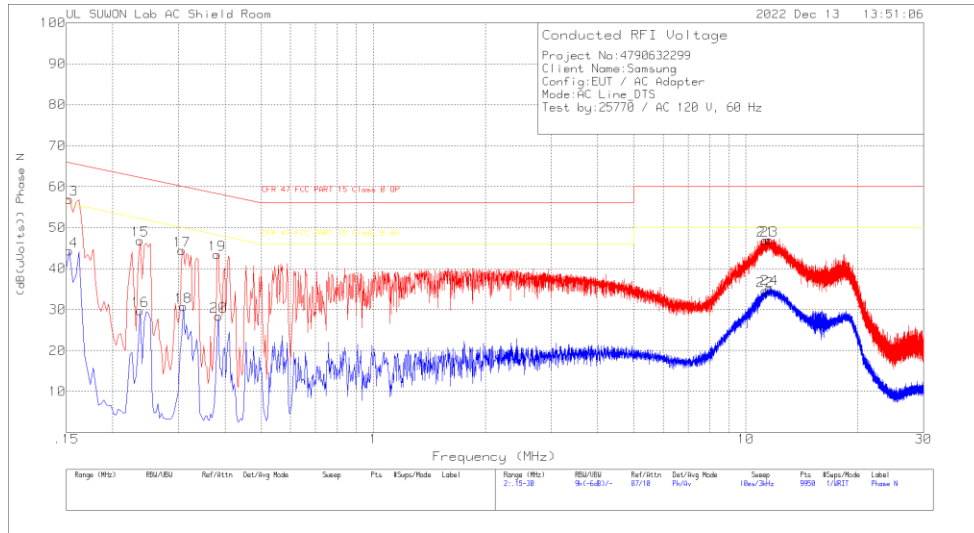
Av - Average detection

Quasi-Peak Emissions

Range 1: Phase L1 .15 - 30MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | 101836_With 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) |
|-----------------|----------------------|-----|-----------------------|----------------|--------------------------------|-------------------------------|-------------|-------------------------------|-------------|
| .15525 | 29.43 | Qp | 9.8 | .1 | 39.33 | 65.71 | -26.38 | - | - |
| .23475 | 25.3 | Qp | 9.7 | .2 | 35.2 | 62.28 | -27.08 | - | - |
| 11.1293 | 33.33 | Qp | 9.9 | .3 | 43.53 | 60 | -16.47 | - | - |
| 11.1323 | 28.27 | Qp | 9.9 | .3 | 38.47 | 60 | -21.53 | - | - |

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

| Marker | Frequency (MHz) | Meter Reading (dBuV) | Det | 101836_With 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 | 47.05 | Pk | 9.8 | .1 | 56.95 | 65.84 | -8.89 | - | - |
| 14 | .153 | 34.37 | Av | 9.8 | .1 | 44.27 | - | - | 55.84 | -11.57 |
| 15 | .237 | 36.98 | Pk | 9.7 | .2 | 46.88 | 62.2 | -15.32 | - | - |
| 16 | .237 | 19.81 | Av | 9.7 | .2 | 29.71 | - | - | 52.2 | -22.49 |
| 17 | .306 | 34.57 | Pk | 9.7 | .2 | 44.47 | 60.08 | -15.61 | - | - |
| 18 | .309 | 20.89 | Av | 9.7 | .2 | 30.79 | - | - | 50 | -19.21 |
| 19 | .381 | 33.49 | Pk | 9.8 | .2 | 43.49 | 58.26 | -14.77 | - | - |
| 20 | .384 | 18.33 | Av | 9.8 | .2 | 28.33 | - | - | 48.19 | -19.86 |
| 21 | 11.298 | 36.75 | Pk | 9.9 | .3 | 46.95 | 60 | -13.05 | - | - |
| 22 | 11.271 | 24.41 | Av | 9.9 | .3 | 34.61 | - | - | 50 | -15.39 |
| 23 | 11.571 | 36.76 | Pk | 9.9 | .3 | 46.96 | 60 | -13.04 | - | - |
| 24 | 11.574 | 24.86 | Av | 9.9 | .3 | 35.06 | - | - | 50 | -14.94 |

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Range 2: Phase N .15 - 30MHz

| Frequency (MHz) | Meter Reading (dBuV) | Det | 101836_With 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) |
|-----------------|----------------------|-----|----------------------|----------------|--------------------------------|-------------------------------|-------------|-------------------------------|-------------|
| .15225 | 35.26 | Qp | 9.7 | .1 | 45.06 | 65.88 | -20.82 | - | - |

Qp - Quasi-Peak detector

END OF TEST REPORT