

### **3.5.** Emissions in restricted frequency bands

| Reference document:     | 47 CFR §15.247 (d), & §15.205, & §15.209(a)   |                           |                                     |  |  |  |  |
|-------------------------|---|---------------------------|-------------------------------------|--|--|--|--|
| Test Requirements:      | Radiated emissions which fall in the restricte comply with the radiated emissions limits spe                    | /                         |                                     |  |  |  |  |
| Test setup:             | See sec 2.2   |                           |                                     |  |  |  |  |
| Method of testing:      | KDB 558074 D01 v03r05, Sec.12.2.1-<br>12.2.5 Conducted & 12.2.7 Radiated for<br>cabinet/case spurious emissions | Pass                      |                                     |  |  |  |  |
| Operating conditions:   | Under normal test conditions  |                           |                                     |  |  |  |  |
| S.A. Settings:          | According to KDB 558074 D01 v03r05  |                           |                                     |  |  |  |  |
| Environment conditions: | Ambient Temperature: 21°C   | Relative<br>Humidity: 48% | Atmospheric Pressure:<br>1011.4 hPa |  |  |  |  |
| Test Result:            | See below   | See Plot 3.5.1 -          | Plot 3.5.78                         |  |  |  |  |

#### Limits:

### **30MHz to 1GHz frequency range:**

| Frequency [MHz] | QP Limit [dBµV /m] Class A | QP Limit [dBµV /m] Class B |
|-----------------|----------------------------|----------------------------|
| 30÷88           | 49.5                       | 40.0                       |
| 88÷216          | 54.0                       | 43.5                       |
| 216÷960         | 57.0                       | 46.0                       |
| 960÷1000        | 60.0                       | 54.0                       |

### Above 1GHz frequency range:

| Frequency [GHz] | AVR Limit [dBµV m] Class A | AVR Limit [dBµV /m] Class B |
|-----------------|----------------------------|-----------------------------|
| Above 1GHz      | 74                         | 54                          |



### Test results below 1GHz for BW = 4.2 MHz, Bit Rate = 1.6 Mbps\* (Radiated Spurious emissions from cabinet/case):

All measurements were done in horizontal and vertical polarizations; the results show the worst case.

| Fundamental<br>Frequency, MHz | Unwanted Emission<br>Frequency, MHz | Antenna<br>Polarization | QP Measured<br>Emission, dBµV/m | Limit,<br>dBµV/m | Delta,<br>dB | Pass/Fail |  |  |
|-------------------------------|-------------------------------------|-------------------------|---------------------------------|------------------|--------------|-----------|--|--|
|                               | 145.600                             | Н                       | N                               | ot in restricted | l band       |           |  |  |
|                               | 168.000                             | Н                       | 34.54                           | 43.50            | 8.96         | Pass      |  |  |
| 2403.000                      | 339.250                             | Н                       | Not in restricted band          |                  |              |           |  |  |
|                               | 672.000                             | Н                       | Not in restricted band          |                  |              |           |  |  |
|                               | 123.200                             | V                       | 39.15                           | 43.50            | 4.35         | Pass      |  |  |

Test results above 1GHz for BW = 4.2 MHz, Bit Rate = 1.6 Mbps (Radiated Spurious emissions form cabinet/case):

| Fundamental<br>Frequency, | Unwanted<br>Emission |   | Measu<br>Emission, d |       | Limit, d | BμV/m | Delta, | dB   | Pass/ Fail |
|---------------------------|----------------------|---|----------------------|-------|----------|-------|--------|------|------------|
| MHz                       | Frequency, MHz       |   | Peak                 | AVG   | Peak     | AVG   | Peak   | AVG  |            |
| 2403                      | 17,962.6             | v | 64.79                | 49.65 | 74.0     | 54.0  | 9.21   | 4.35 | Pass       |
| 2442                      | 17,954.8             | Н | 64.68                | 49.72 | 74.0     | 54.0  | 9.32   | 4.28 | Pass       |
| 2478                      | 17,920.1             | V | 64.57                | 49.86 | 74.0     | 54.0  | 9.43   | 4.14 | Pass       |

Test results above 1GHz for BW = 8.4 MHz, Bit Rate = 8 Mbps (Radiated Spurious emissions form cabinet/case):

| Fundamental<br>Frequency,<br>MHz | Unwanted<br>Emission<br>Frequency, MHz | Antenna<br>Polarization | Measured E<br>dBµV/ |       |      | mit,<br>ıV/m | Delta | ı, dB | Pass/ Fail |
|----------------------------------|--|-------------------------|---------------------|-------|------|--------------|-------|-------|------------|
| MITZ                             | r requency, MHz                        |                         | Peak                | AVG   | Peak | AVG          | Peak  | AVG   |            |
| 2405                             | 17,835.4                               | V                       | 65.55               | 49.65 | 74.0 | 54.0         | 8.45  | 4.35  | Pass       |
| 2440                             | 17,836.7                               | Н                       | 64.86               | 49.95 | 74.0 | 54.0         | 9.14  | 4.05  | Pass       |
| 2475                             | 2.4836                                 | V                       | 65.75               | 49.97 | 74.0 | 54.0         | 8.25  | 4.03  | Pass       |

Note: Spurious Emission  $[dB\mu V/m]$  = measured  $[dB\mu V]$  + Correction-factor [dB (1/m)]Correction Factor = Antenna factor + Cable Loss



| Test results (Antenna-port conducted emission) in 2310-2390MHz and 2483.5-2500MHz frequency |
|---|
| ranges:   |

| Fundamental<br>Frequency,<br>MHz | Frequency<br>Range,<br>MHz | Meas<br>Emissio |              | Correction Transmit Correction |                  | MIMO<br>Correction<br>Factor | *Equivalent EIRP, dBµV/m |            |       |           |        |       |               |
|----------------------------------|----------------------------|-----------------|--------------|--------------------------------|------------------|------------------------------|--------------------------|------------|-------|-----------|--------|-------|---------------|
|                                  |                            | Peak            | AVG<br>(RMS) |                                | Gain, dBi        |                              |                          | Peak       |       | А         | verage |       | Pass/<br>Fail |
|                                  |                            |                 | (22.22)      |                                |                  |                              | Emission*                | Limit      | Delta | Emission* | Limit  | Delta |               |
|                                  |                            |                 |              | BW = 4.2 MH                    | Iz, Bit Rate =   | 1.6 Mbps, RF1,               | continuous trai          | nsmission  |       |           |        |       |               |
| 2403                             | 2310-2390                  | -42.47          | -52.84       | 0.0                            | 2                | 3                            | 57.79                    | 74         | 16.21 | 47.42     | 54     | 6.58  | Pass          |
| 2478                             | 2483.5-<br>2500            | -30.19          | -46.79       | 0.0                            | 2                | 3                            | 70.07                    | 74         | 3.93  | 53.47     | 54     | 0.53  | Pass          |
|                                  |                            |                 | В            | W = 4.2 MHz, F                 | Bit Rate = 1.6 I | Mbps, output R               | F 2, continuous          | transmiss  | ion   |           |        |       |               |
| 2403                             | 2310-2390                  | -42.98          | -54.00       | 0.0                            | 2                | 3                            | 57.28                    | 74         | 16.72 | 46.26     | 54     | 7.74  | Pass          |
| 2478                             | 2483.5-<br>2500            | -29.14          | -46.62       | 0.0                            | 2                | 3                            | 71.12                    | 74         | 2.88  | 53.64     | 54     | 0.36  | Pass          |
|                                  |                            |                 |              | BW = 8.4 M                     | Hz, Bit Rate =   | 8 Mbps, RF1, c               | ontinuous tran           | smission   |       |           |        |       |               |
| 2405                             | 2310-2390                  | -39.37          | -48.64       | 0.0                            | 2                | 3                            | 63.40                    | 74         | 10.60 | 51.62     | 54     | 2.38  | Pass          |
| 2475                             | 2483.5-<br>2500            | -30.10          | -46.77       | 0.0                            | 2                | 3                            | 73.00                    | 74         | 1.00  | 53.49     | 54     | 0.51  | Pass          |
|                                  |                            |                 | ]            | BW = 8.4 MHz,                  | Bit Rate = 8 M   | Ibps, output RF              | 2, continuous            | transmissi | on    |           |        |       |               |
| 2405                             | 2310-2390                  | -39.7           | -48.30       | 0.0                            | 2                | 3                            | 62.10                    | 74         | 11.90 | 51.96     | 54     | 2.04  | Pass          |
| 2475                             | 2483.5-<br>2500            | -29.35          | -47.05       | 0.0                            | 2                | 3                            | 71.60                    | 74         | 2.40  | 53.21     | 54     | 0.79  | Pass          |

Note:

\*E = EIRP - 20log D + 104.8

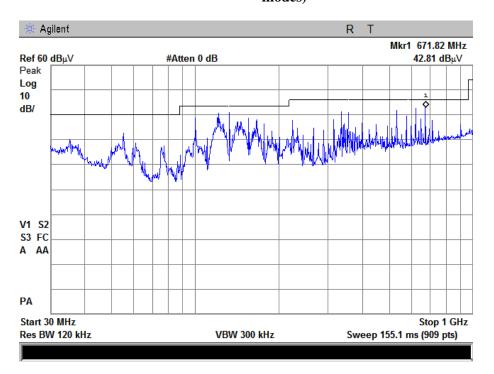
Duty Cycle Correction Factor for RMS measure =  $10\log(1/x)$ , x is a duty cycle acc to KDB 662911 sec F)2)i)

Max Transmit Antenna Gain acc to KDB558074 D01 v03r03 sec 12.2.6

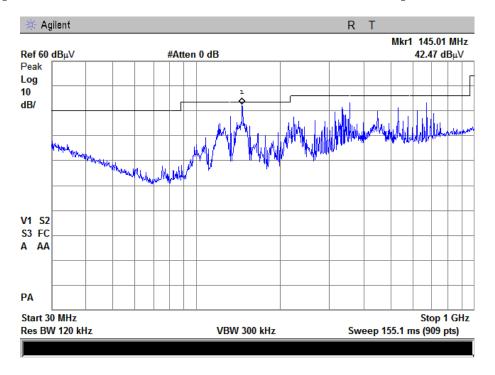
For MIMO: Correction Factor = 10log(Nant) dBi acc to KDB 662911D01 v02r01



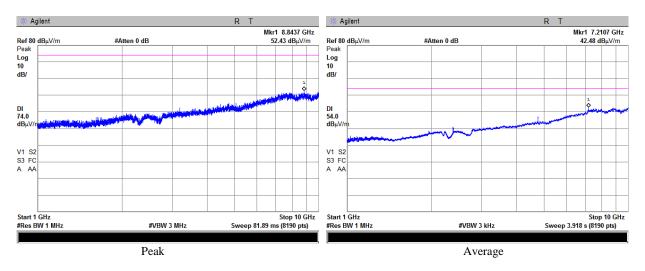
# Plot 3.5.1 Emissions in restricted frequency bands test results, 30 MHz – 1 GHz range, Vertical polarization, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (worst case for all modes)



Plot 3.5.2 Emissions in restricted frequency bands test results, 30 MHz – 1 GHz range, Horizontal polarization, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (worst case)

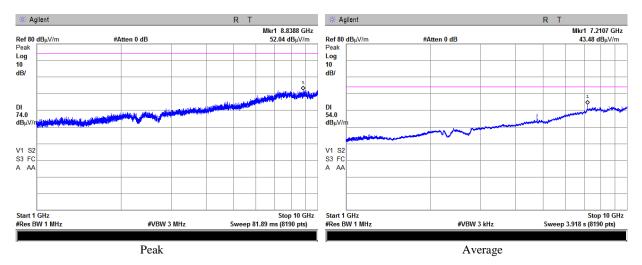






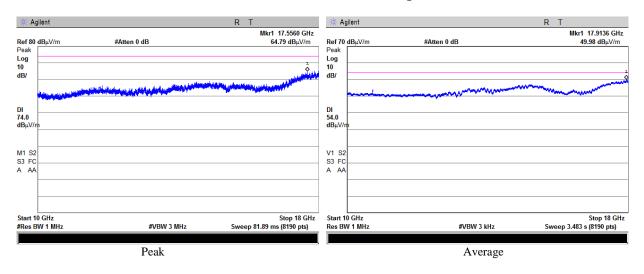
#### Plot 3.5.3 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Vertical, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

Plot 3.5.4 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Horizontal, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

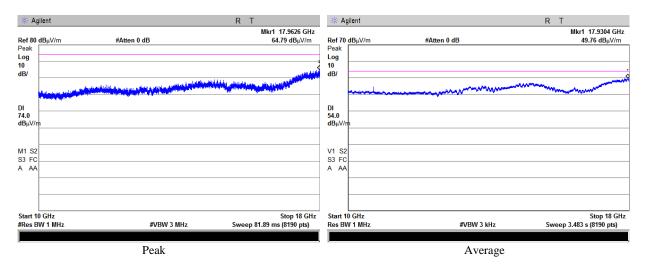




#### Plot 3.5.5 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Vertical, = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

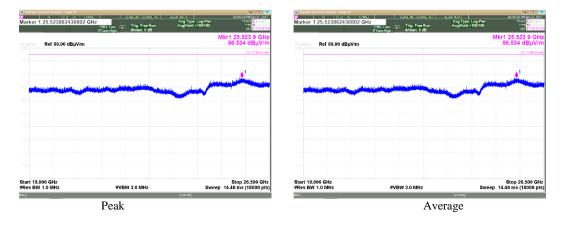


#### Plot 3.5.6 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

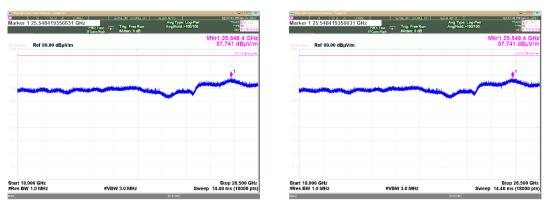




Plot 3.5.7 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)



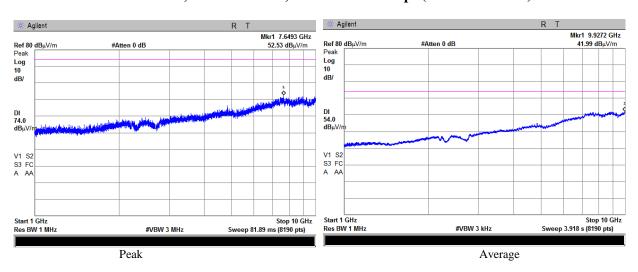
Plot 3.5.8 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)



Peak

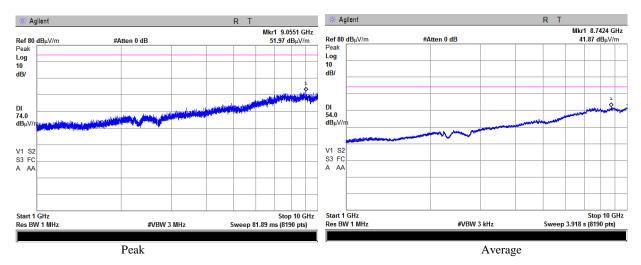
Average



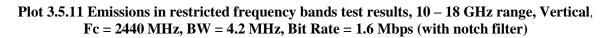


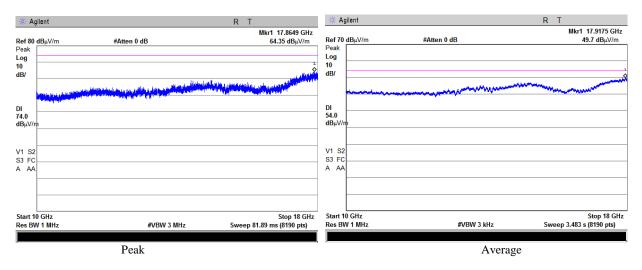
#### Plot 3.5.9 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Vertical, = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

Plot 3.5.10 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Horizontal, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

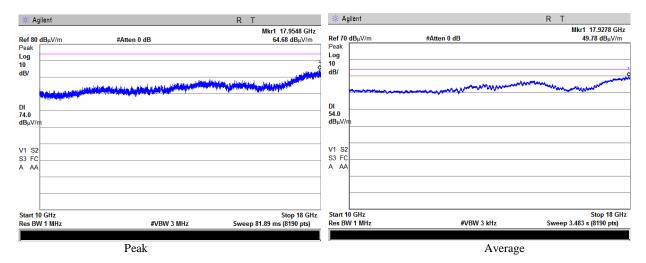




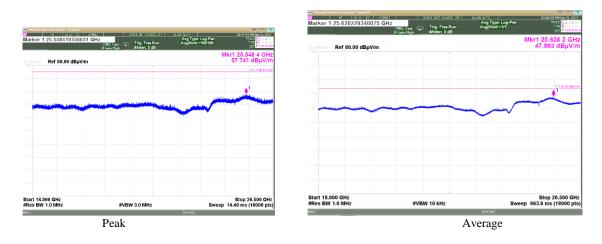




#### Plot 3.5.12 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

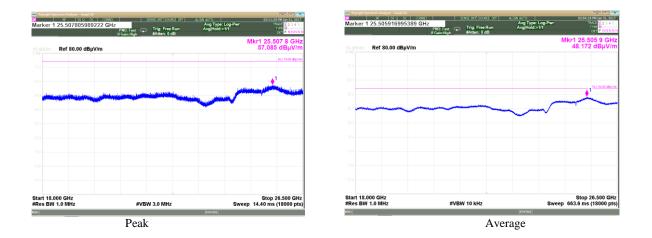




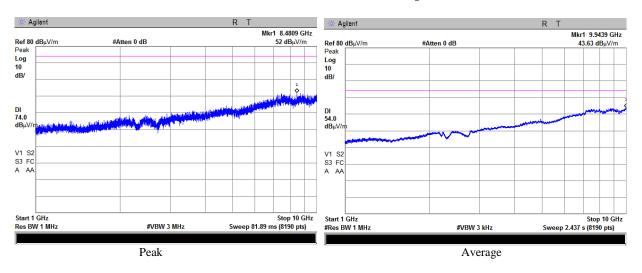


Plot 3.5.13 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)

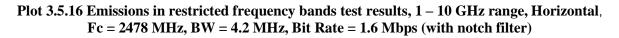
Plot 3.5.14 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)

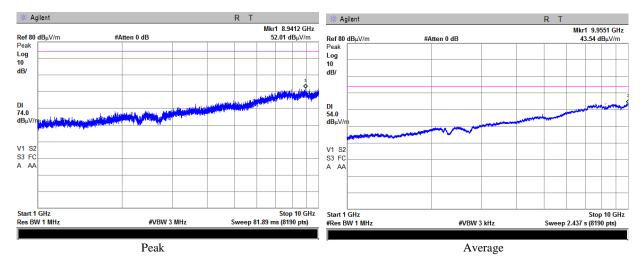




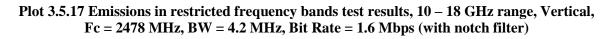


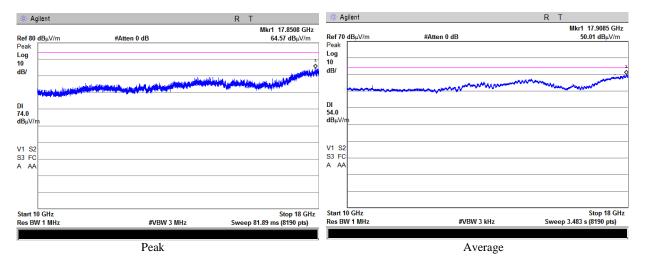
#### Plot 3.5.15 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Vertical, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)



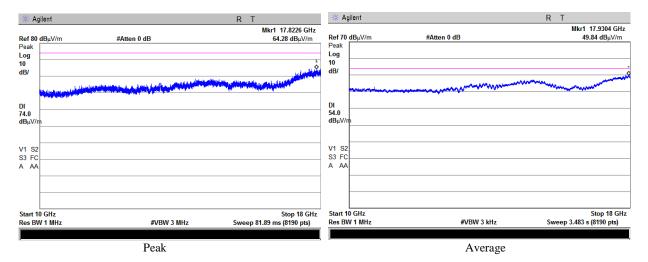






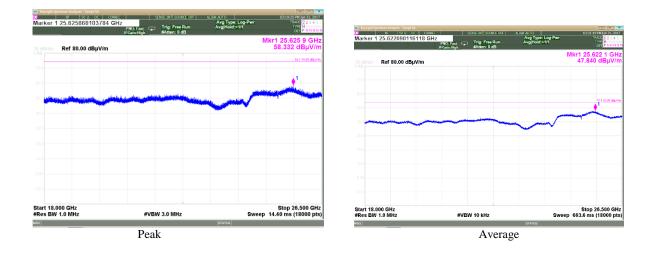


#### Plot 3.5.18 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps (with notch filter)

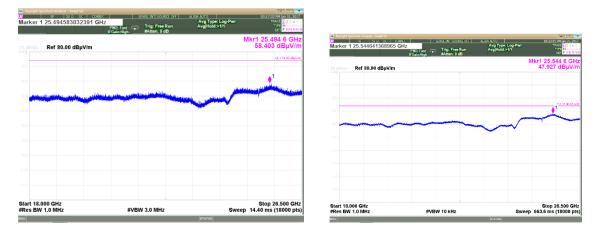




Plot 3.5.19 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)



Plot 3.5.20 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps(with notch filter)

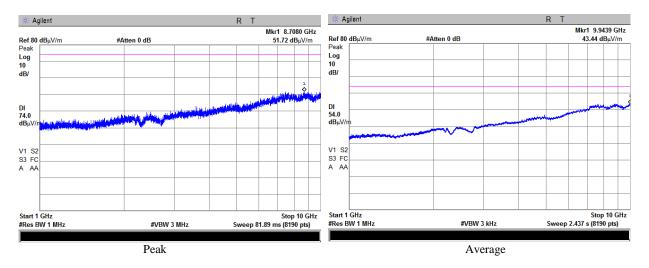


Peak

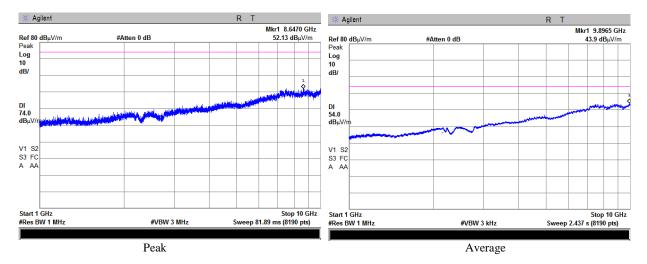
Average



### Plot 3.5.21 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Vertical, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

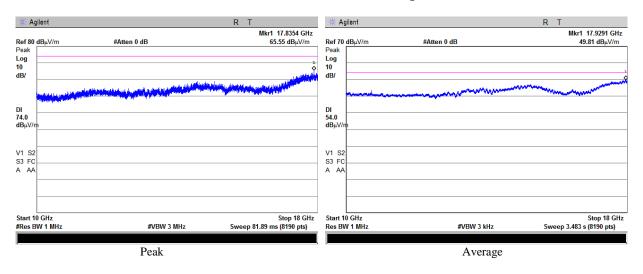


Plot 3.5.22 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Horizontal, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

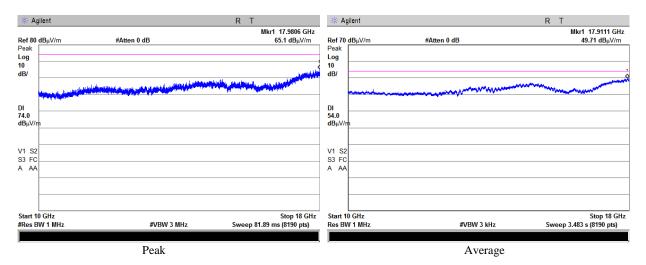




#### Plot 3.5.23 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Vertical, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

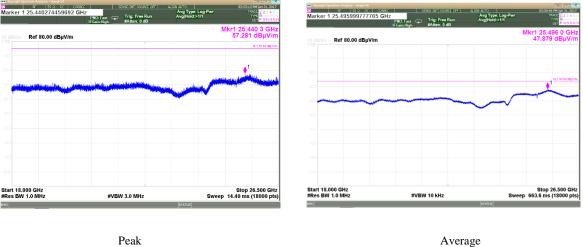


#### Plot 3.5.24 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)



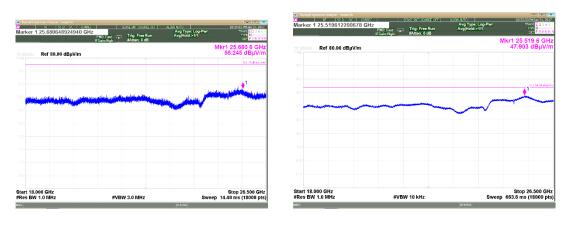


### Plot 3.5.25 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)



Peak

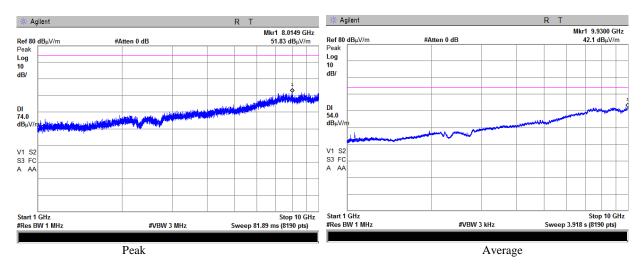
#### Plot 3.5.26 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)



Peak

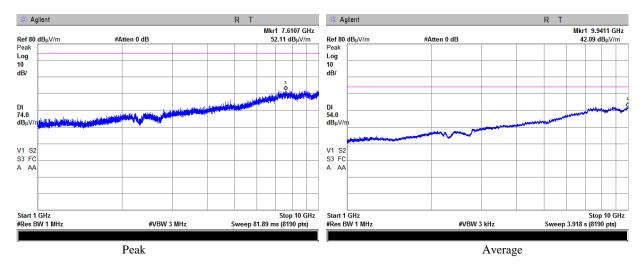
Average



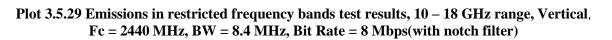


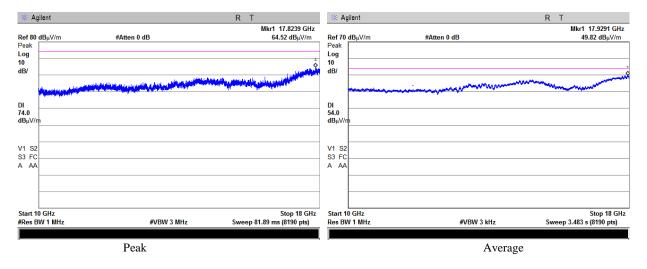
#### Plot 3.5.27 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Vertical, Fc = 2440 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

Plot 3.5.28 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Horizontal, Fc = 2440 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

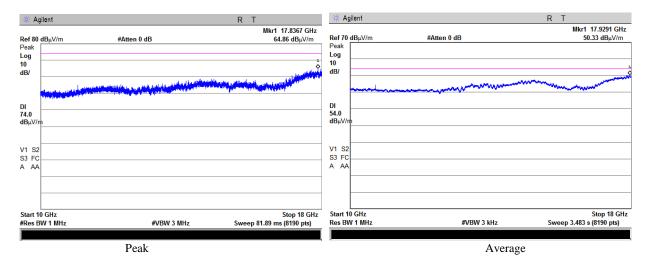








#### Plot 3.5.30 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2440 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)



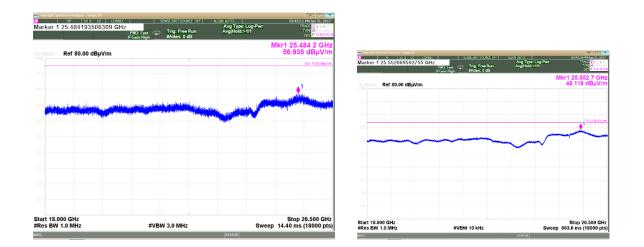


Plot 3.5.31 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2440 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)

Peak

Average

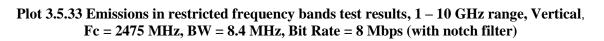
Plot 3.5.32 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2440 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)

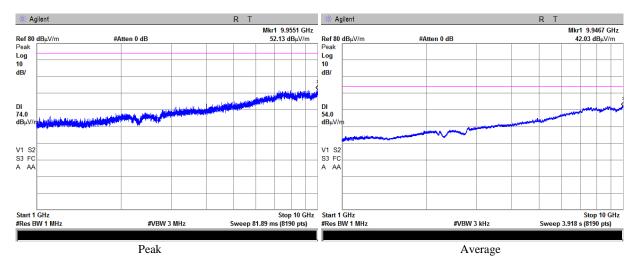


Peak

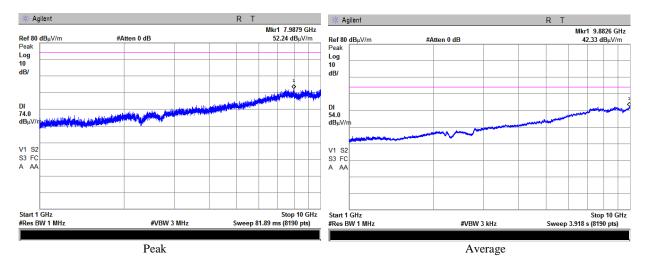
Average



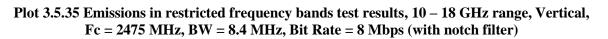


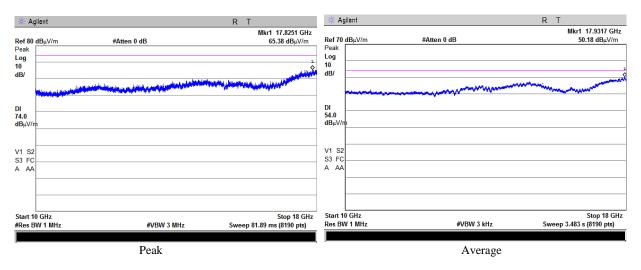


Plot 3.5.34 Emissions in restricted frequency bands test results, 1 – 10 GHz range, Horizontal, Fc = 2475 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)

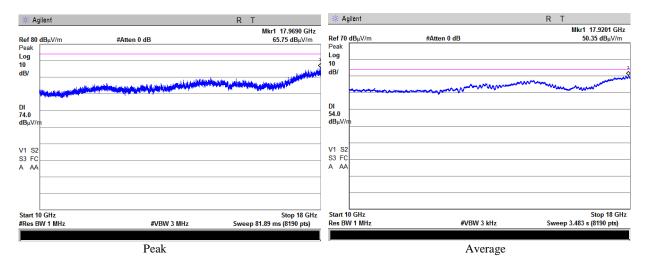








#### Plot 3.5.36 Emissions in restricted frequency bands test results, 10 – 18 GHz range, Horizontal, Fc = 2475 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps (with notch filter)





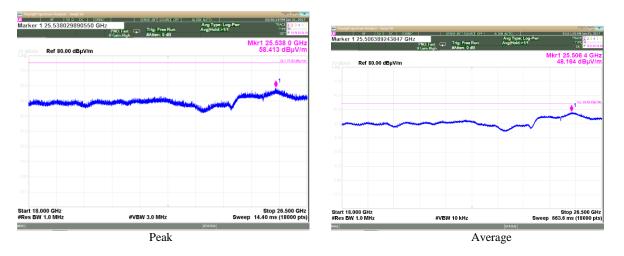
### Plot 3.5.37 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Vertical, Fc = 2475 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)

|  | PNO: Fast<br>IFGain:High | Trig: Free Run<br>#Atten: 0 dB  | Avg Type:<br>Avg Hold:> |         | 1kr1 25.53             | P NNNNN   |  |                     |                    |                                    |                   |                                      |
|--|--------------------------|---|-------------------------|---------|------------------------|---|--|---------------------|--------------------|------------------------------------|-------------------|--------------------------------------|
| Bidiv Ref 80.00 d  | BµV/m                    |   |                         | IV.     | 58.222                 | dBµV/m  | <ul> <li>Keysight Spectrum Analyzer - Swept</li> <li>10</li> <li>14</li> <li>15 Q</li> </ul> | 4<br>10 001910      | SING INT SOLIDE CH | ALCOLUUD.                          | 10:52             | - 3<br>1910 June 1                   |
|  |                          |   |                         |         |                        | DL1 75.00 dBy/V/m   | Marker 1 25.58761597   | 8666 GHz<br>PROTest |                    | Avg Type: Log-Pwr<br>Avg Hold:>1/1 |                   | TRACE 1 2 3 4<br>TATC M<br>DOT P NNN |
|  |                          |   |                         |         | . 1                    |   | 10 dB/div Ref 80.00 dB   |                     |                    |                                    | Mkr1 25.<br>47.78 | 587 6 G<br>8 dBµV                    |
| and the second states of the | ter                      | and the state of the |                         | مىلىسىر | Name of Concession     | and the second se |  |                     |                    |                                    |                   |                                      |
|  |                          |   |                         | ~       |                        |   | 80.0   |                     |                    |                                    |                   | <u>[1 51 00 40</u>                   |
|  |                          |   |                         |         |                        |   | 50.0   |                     |                    | 1                                  |                   |                                      |
|  |                          |   |                         |         |                        |   | 33.0   |                     |                    | $\sim$                             |                   |                                      |
|  |                          |   |                         |         |                        |   |  |                     |                    |                                    |                   |                                      |
|  |                          |   |                         |         |                        |   |  |                     |                    |                                    |                   |                                      |
|  |                          |   |                         |         |                        |   |  |                     |                    |                                    |                   |                                      |
| 18.000 GHz<br>BW 1.0 MHz   | #\                       | /BW 3.0 MHz   |                         | Sweep   | Stop 26<br>14.40 ms (1 | 6.500 GHz<br>18000 pts)   | Start 18.000 GHz<br>#Res BW 1.0 MHz  |                     | W 10 kHz           |                                    | Stop<br>663.6 ms  | 26.500 0                             |
|  |                          |   | STATUS                  |         | ,                      |   | #Res BW 1.0 MHz  | #Vt                 | WV 10 KHZ          | SW                                 | eep 663.6 ms      | 3 (18000                             |

Peak

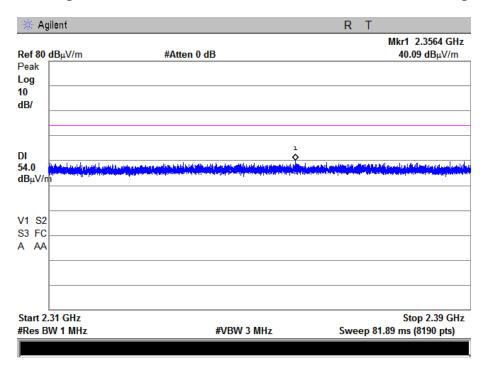
Average

Plot 3.5.38 Emissions in restricted frequency bands test results, 18 – 25 GHz range, Horizontal, Fc = 2475 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps(with notch filter)

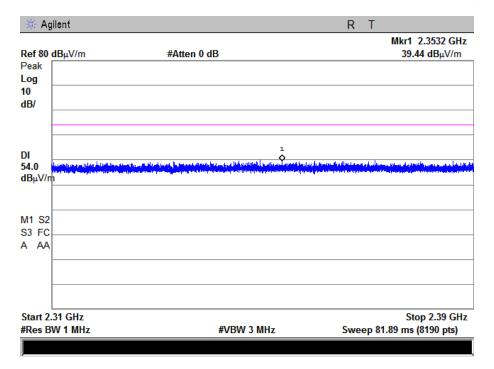




#### Plot 3.5.39 Emissions in restricted frequency bands test results, 2310 – 2390 MHz band, Vertical polarization, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate =1.6 Mbps

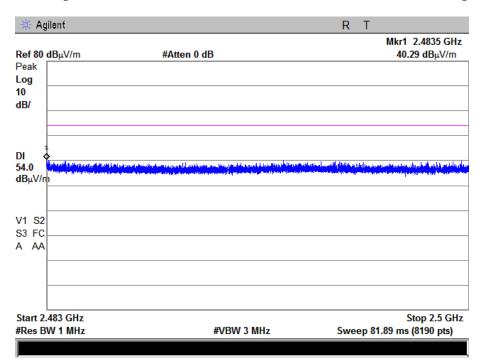


#### Plot 3.5.40 Emissions in restricted frequency bands test results, 2310 – 2390 MHz band, Horizontal polarization, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

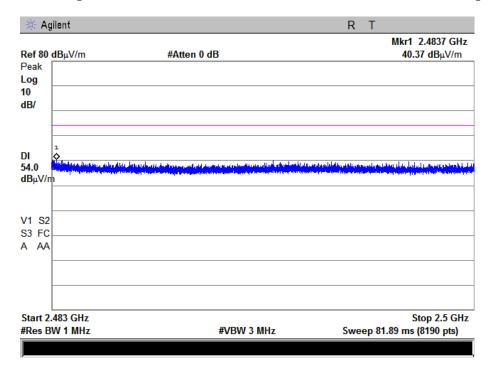




#### Plot 3.5.41 Emissions in restricted frequency bands test results, 2483.5 – 2500 MHz band, Vertical polarization, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

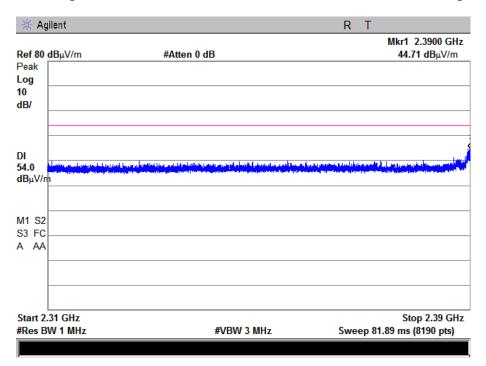


Plot 3.5.42 Emissions in restricted frequency bands test results, 2483.5 – 2500 MHz band, Horizontal polarization, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

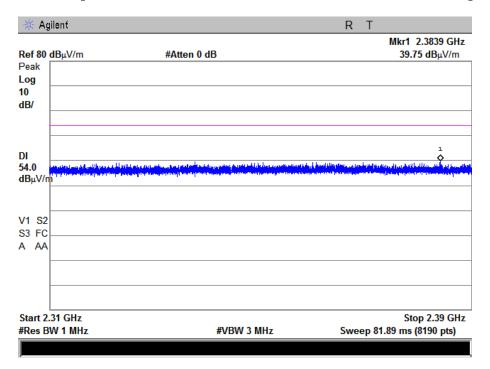




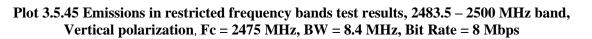
#### Plot 3.5.43 Emissions in restricted frequency bands test results, 2310 – 2390 MHz band, Vertical polarization, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps

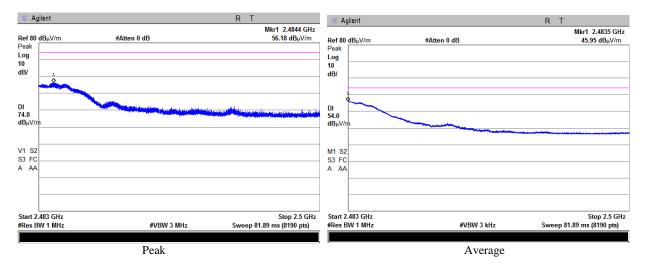


#### Plot 3.5.44 Emissions in restricted frequency bands test results, 2310 – 2390 MHz band, Horizontal polarization, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps

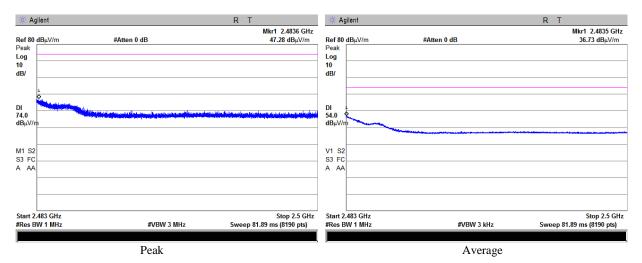






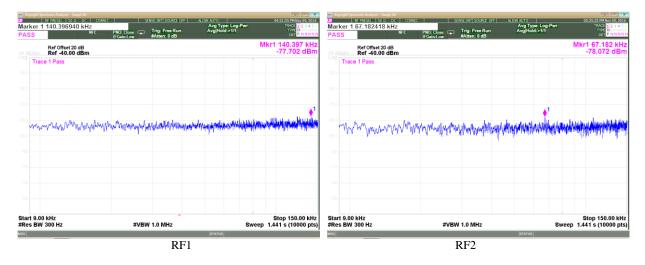


#### Plot 3.5.46 Emissions in restricted frequency bands test results, 2483.5 – 2500 MHz band, Horizontal polarization, Fc = 2475 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps

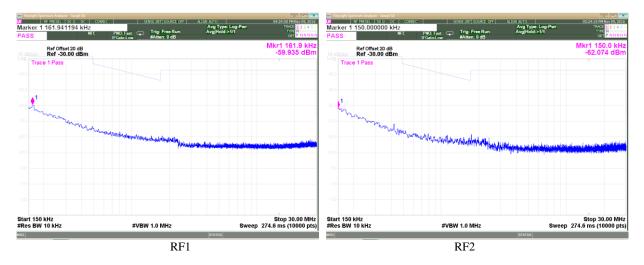




# Plot 3.5.47 Emissions in restricted frequency bands test results, Conducted measurements, 9 kHz – 150 kHz, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

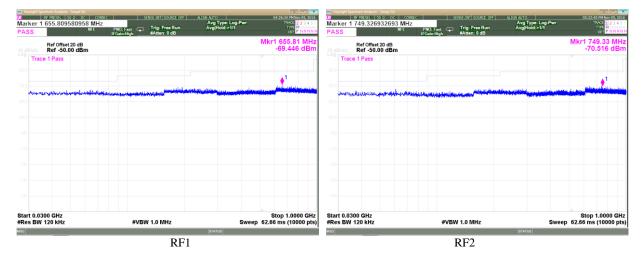


## Plot 3.5.48 Emissions in restricted frequency bands test results, Conducted measurements, 150 kHz – 30 MHz, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

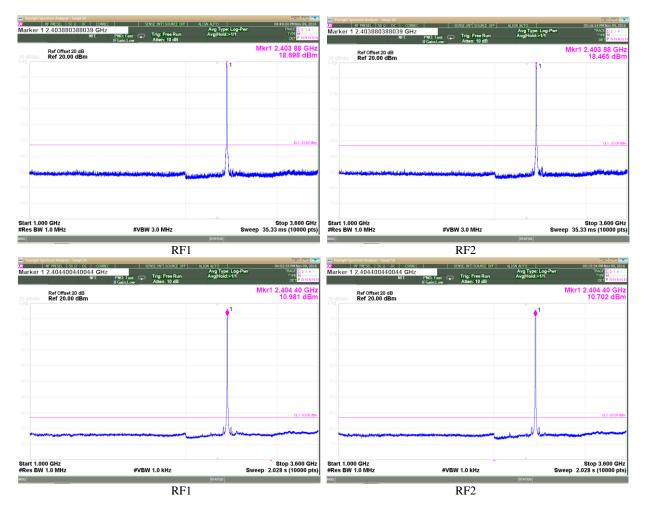




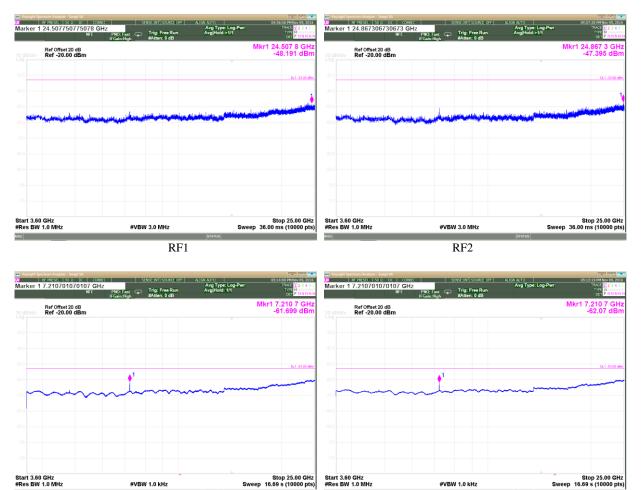
## Plot 3.5.49 Emissions in restricted frequency bands test results, Conducted measurements, 30 MHz – 1000 MHz, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps



Plot 3.5.50 Emissions in restricted frequency bands test results, Conducted measurements, 1 GHz – 3.6 GHz, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps







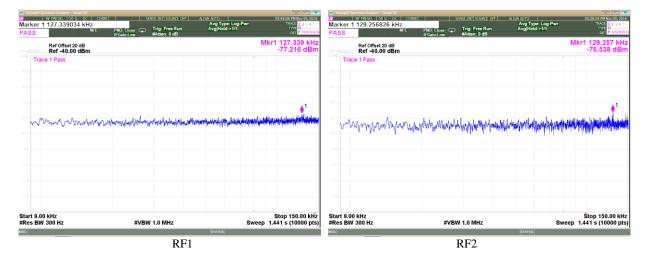
# Plot 3.5.50 Emissions in restricted frequency bands test results, Conducted measurements, 3.6 GHz – 25 GHz, Fc = 2403 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

RF1

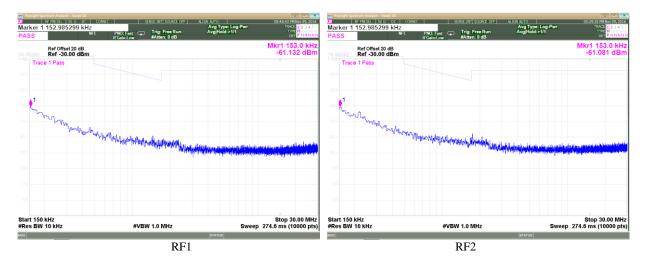
RF2



Plot 3.5.51 Emissions in restricted frequency bands test results, Conducted measurements, 9 kHz – 150 kHz, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

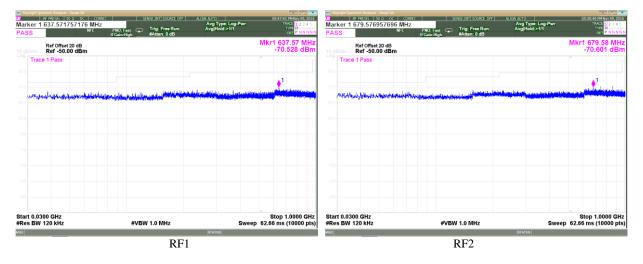


Plot 3.5.52 Emissions in restricted frequency bands test results, Conducted measurements, 150 kHz – 30 MHz, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

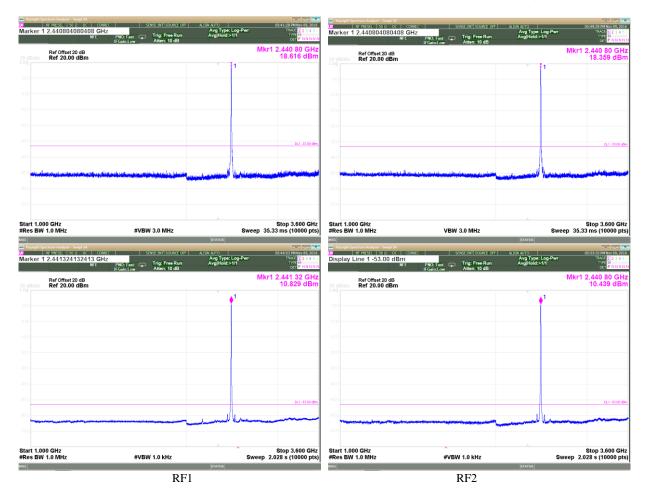




# Plot 3.5.53 Emissions in restricted frequency bands test results, Conducted measurements, 30 MHz – 1000 MHz, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

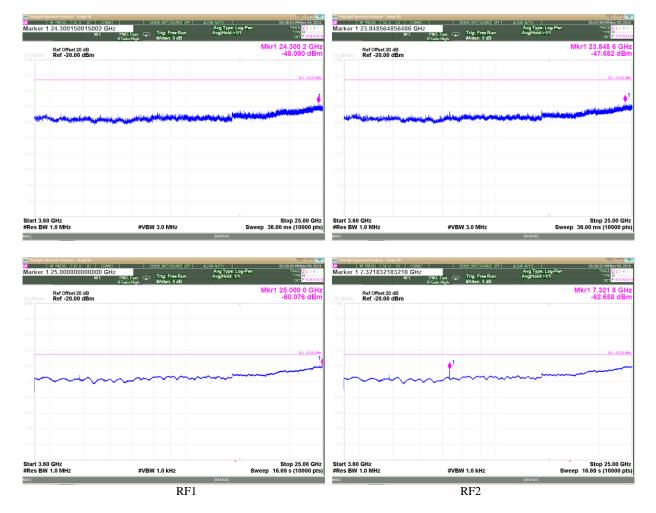


Plot 3.5.54 Emissions in restricted frequency bands test results, Conducted measurements, 1 GHz – 3.6 GHz, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps



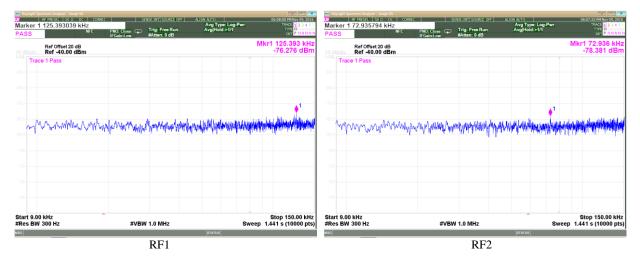


# Plot 3.5.54 Emissions in restricted frequency bands test results, Conducted measurements, 3.6 GHz – 25 GHz, Fc = 2440 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

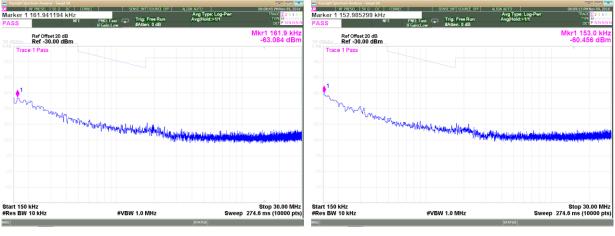




#### Plot 3.5.55 Emissions in restricted frequency bands test results, Conducted measurements, 9 kHz – 150 kHz, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps



Plot 3.5.56 Emissions in restricted frequency bands test results, Conducted measurements, 150 kHz – 30 MHz, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

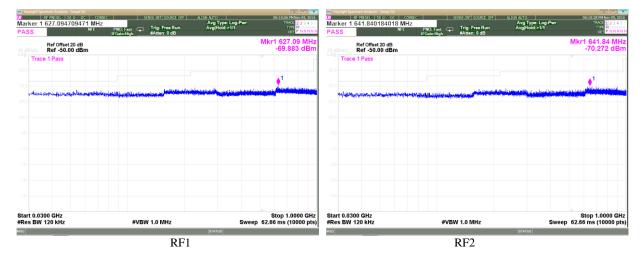


RF1

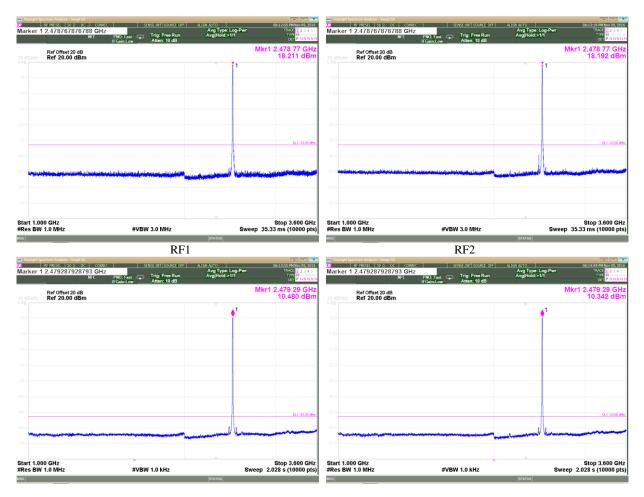
RF2



# Plot 3.5.57 Emissions in restricted frequency bands test results, Conducted measurements, 30 MHz – 1000 MHz, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps

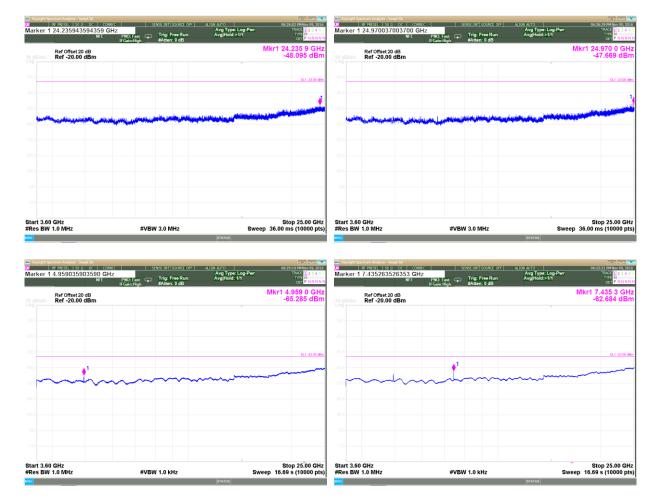


Plot 3.5.58 Emissions in restricted frequency bands test results, Conducted measurements, 1 GHz – 3.6 GHz, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps



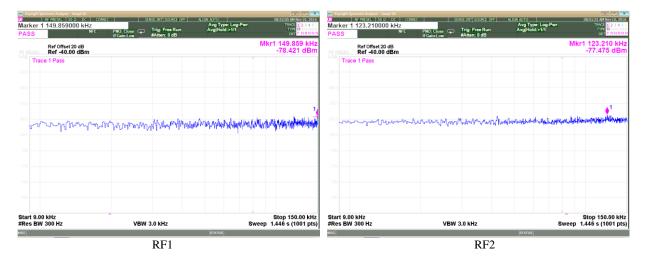


# Plot 3.5.58 Emissions in restricted frequency bands test results, Conducted measurements, 3.6 GHz – 25 GHz, Fc = 2478 MHz, BW = 4.2 MHz, Bit Rate = 1.6 Mbps





Plot 3.5.59 Emissions in restricted frequency bands test results, Conducted measurements, 9 kHz – 150 kHz, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps



Plot 3.5.60 Emissions in restricted frequency bands test results, Conducted measurements, 150 kHz – 30 MHz, Fc = 2405 MHz, BW = 8.4 MHz, Bit Rate = 8 Mbps

