

**03 Peak-to-Average Ratio**

| Band                 | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------------------|---------|-----------------|-------------|-----------------|---------|
| HSDPA Band2 Subtest1 | 9262    | 1852.4          | 2.87        | 13              | PASS    |
| HSDPA Band2 Subtest1 | 9400    | 1880            | 3.09        | 13              | PASS    |
| HSDPA Band2 Subtest1 | 9538    | 1907.6          | 3.10        | 13              | PASS    |
| HSUPA Band2 Subtest1 | 9262    | 1852.4          | 3.25        | 13              | PASS    |
| HSUPA Band2 Subtest1 | 9400    | 1880            | 3.45        | 13              | PASS    |
| HSUPA Band2 Subtest1 | 9538    | 1907.6          | 3.47        | 13              | PASS    |
| WCDMA Band2          | 9262    | 1852.4          | 2.63        | 13              | PASS    |
| WCDMA Band2          | 9400    | 1880            | 2.96        | 13              | PASS    |
| WCDMA Band2          | 9538    | 1907.6          | 2.86        | 13              | PASS    |
| HSDPA Band4 Subtest1 | 1312    | 1712.4          | 2.81        | 13              | PASS    |
| HSDPA Band4 Subtest1 | 1450    | 1740            | 3.04        | 13              | PASS    |
| HSDPA Band4 Subtest1 | 1513    | 1752.6          | 2.98        | 13              | PASS    |
| HSUPA Band4 Subtest1 | 1312    | 1712.4          | 3.21        | 13              | PASS    |
| HSUPA Band4 Subtest1 | 1450    | 1740            | 3.40        | 13              | PASS    |
| HSUPA Band4 Subtest1 | 1513    | 1752.6          | 3.34        | 13              | PASS    |
| WCDMA Band4          | 1312    | 1712.4          | 2.72        | 13              | PASS    |
| WCDMA Band4          | 1450    | 1740            | 2.84        | 13              | PASS    |
| WCDMA Band4          | 1513    | 1752.6          | 2.79        | 13              | PASS    |
| HSDPA Band5 Subtest1 | 4132    | 826.4           | 2.78        | 13              | PASS    |
| HSDPA Band5 Subtest1 | 4182    | 836.4           | 2.96        | 13              | PASS    |
| HSDPA Band5 Subtest1 | 4233    | 846.6           | 2.98        | 13              | PASS    |
| HSUPA Band5 Subtest1 | 4132    | 826.4           | 3.20        | 13              | PASS    |
| HSUPA Band5 Subtest1 | 4182    | 836.4           | 3.33        | 13              | PASS    |
| HSUPA Band5 Subtest1 | 4233    | 846.6           | 3.43        | 13              | PASS    |
| WCDMA Band5          | 4132    | 826.4           | 2.69        | 13              | PASS    |
| WCDMA Band5          | 4182    | 836.4           | 2.86        | 13              | PASS    |
| WCDMA Band5          | 4233    | 846.6           | 2.87        | 13              | PASS    |

HSDPA Band2 Subtest1 Channel=9262



HSDPA Band2 Subtest1 Channel=9400



HSDPA Band2 Subtest1 Channel=9538



HSUPA Band2 Subtest1 Channel=9262



HSUPA Band2 Subtest1 Channel=9400



HSUPA Band2 Subtest1 Channel=9538



WCDMA Band2 Channel=9262



WCDMA Band2 Channel=9400



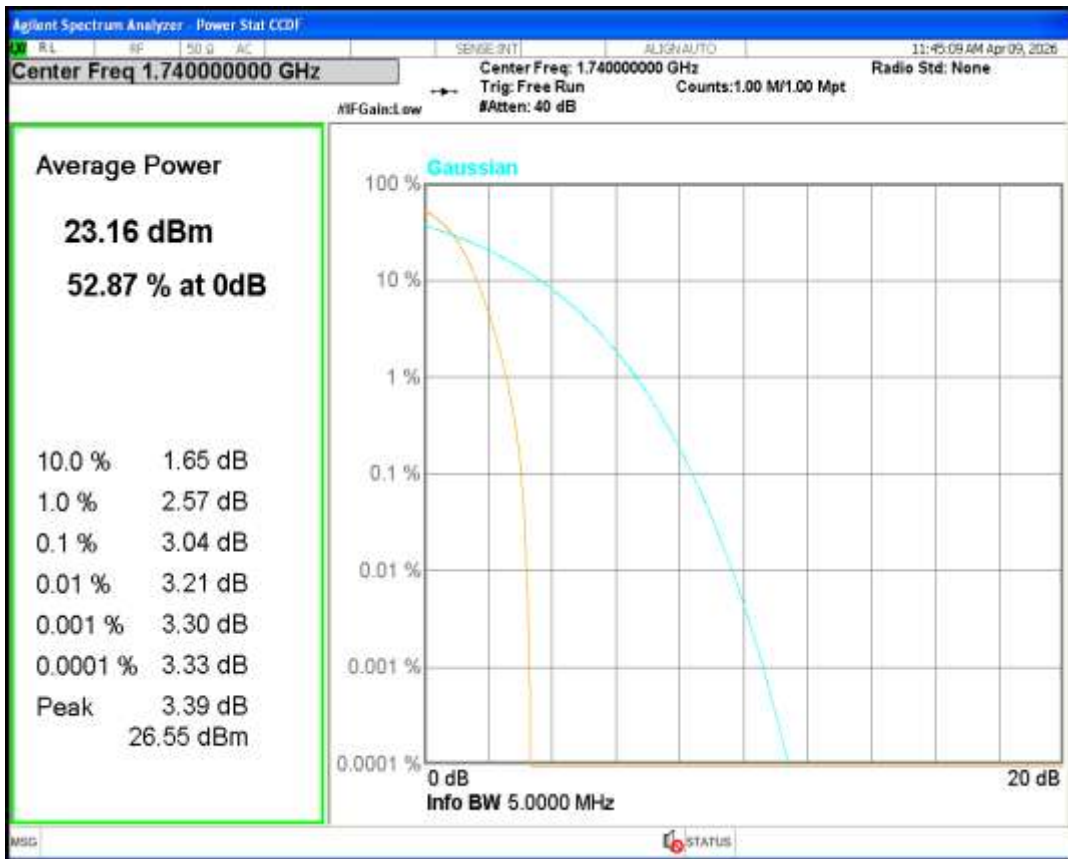
WCDMA Band2 Channel=9538



HSDPA Band4 Subtest1 Channel=1312



HSDPA Band4 Subtest1 Channel=1450



HSDPA Band4 Subtest1 Channel=1513



HSUPA Band4 Subtest1 Channel=1312



HSUPA Band4 Subtest1 Channel=1450



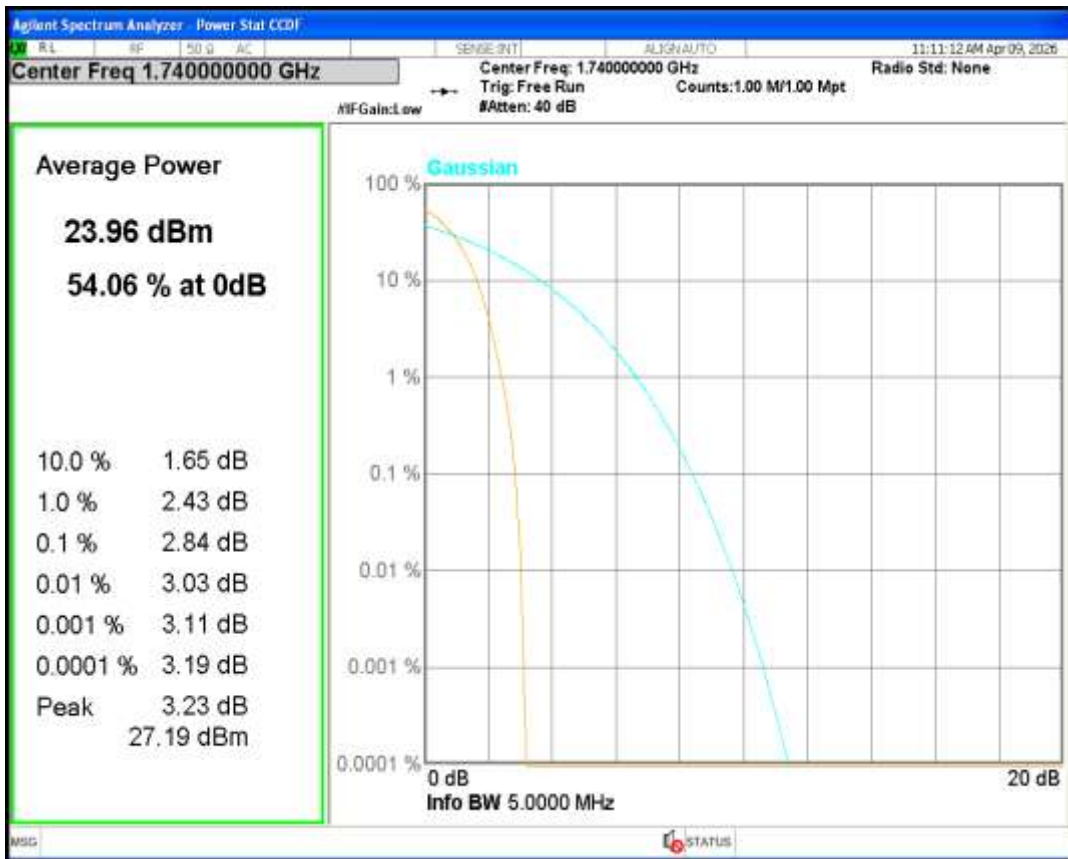
HSUPA Band4 Subtest1 Channel=1513



WCDMA Band4 Channel=1312



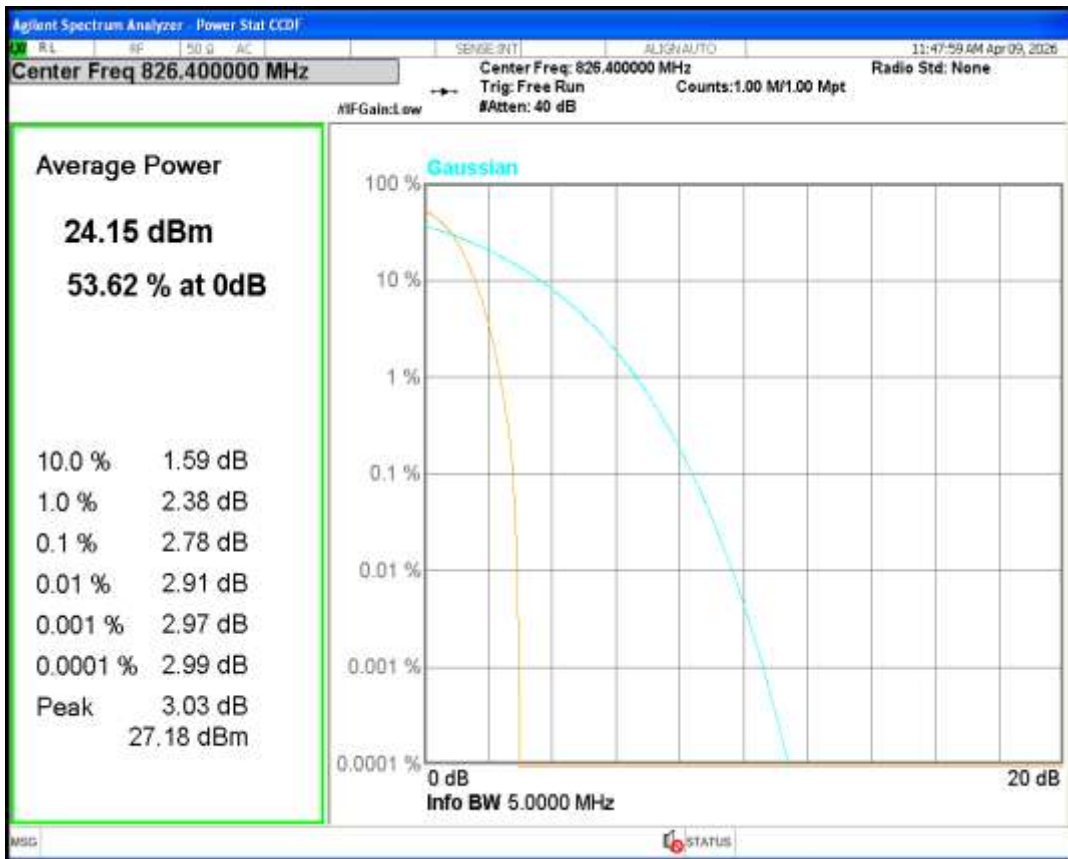
WCDMA Band4 Channel=1450



WCDMA Band4 Channel=1513



HSDPA Band5 Subtest1 Channel=4132



HSDPA Band5 Subtest1 Channel=4182



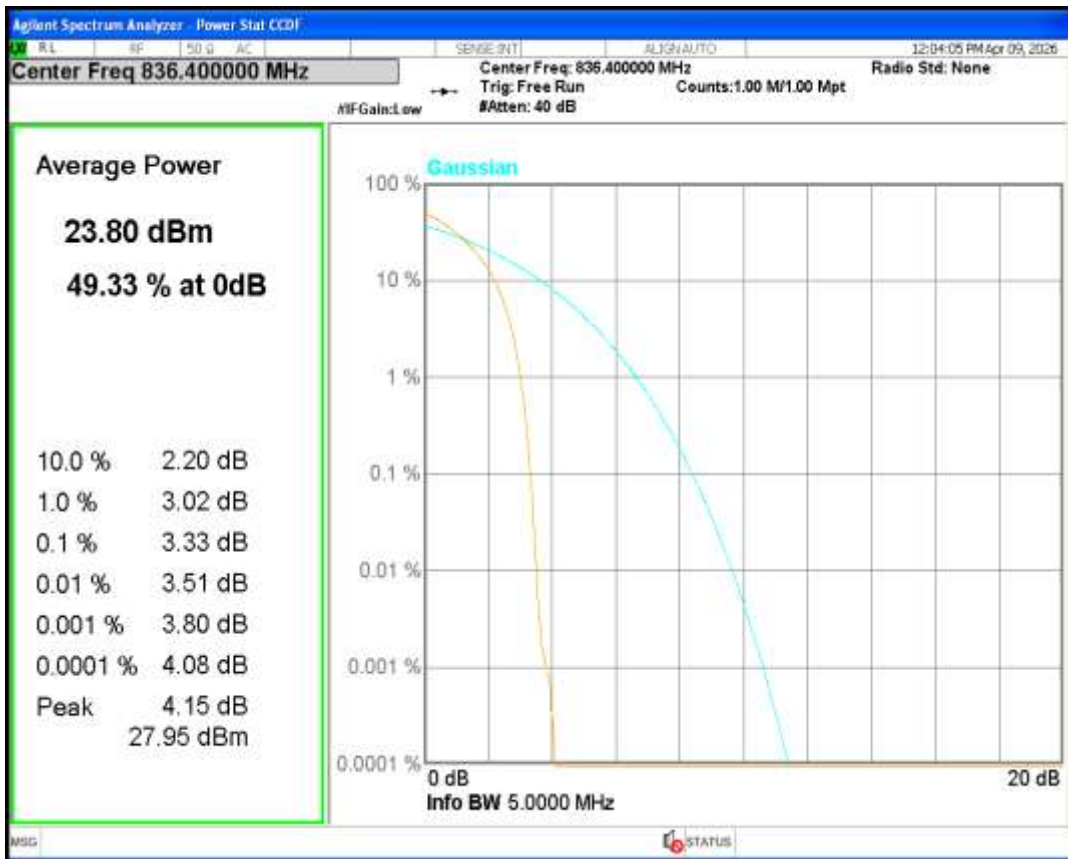
HSDPA Band5 Subtest1 Channel=4233



HSUPA Band5 Subtest1 Channel=4132



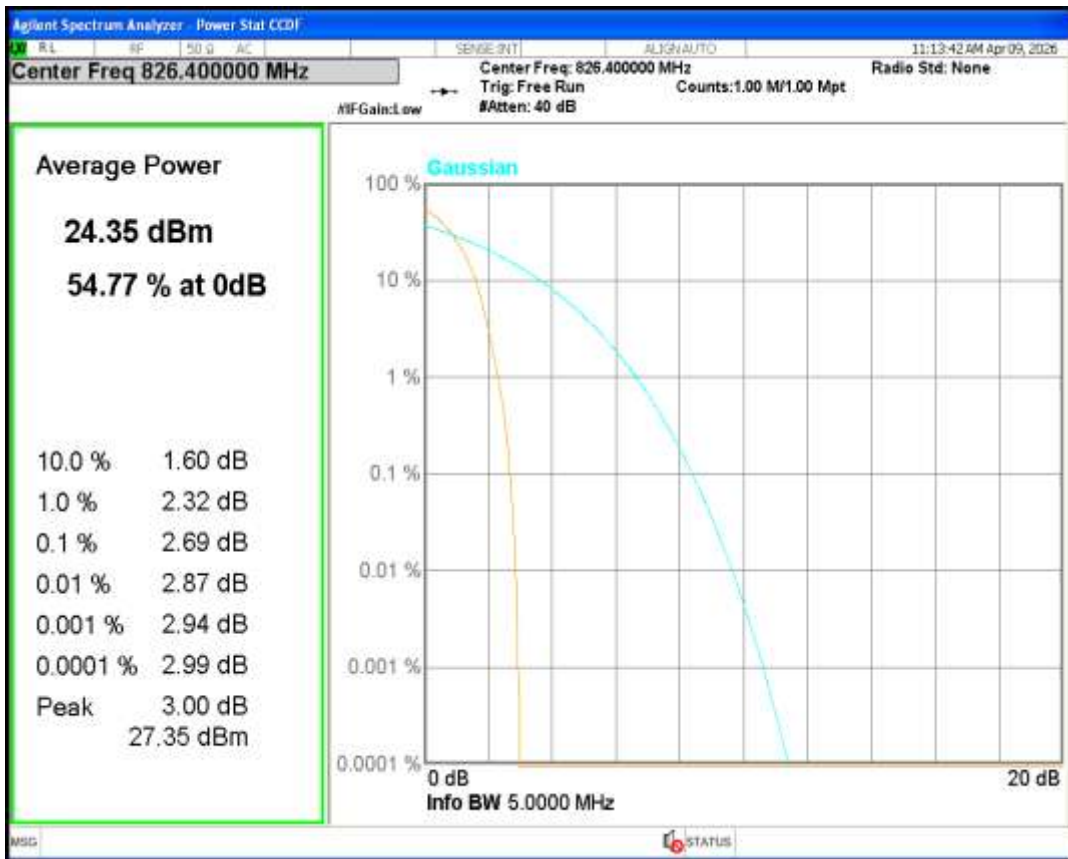
HSUPA Band5 Subtest1 Channel=4182



HSUPA Band5 Subtest1 Channel=4233



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4233



#### 04 Occupied bandwidth

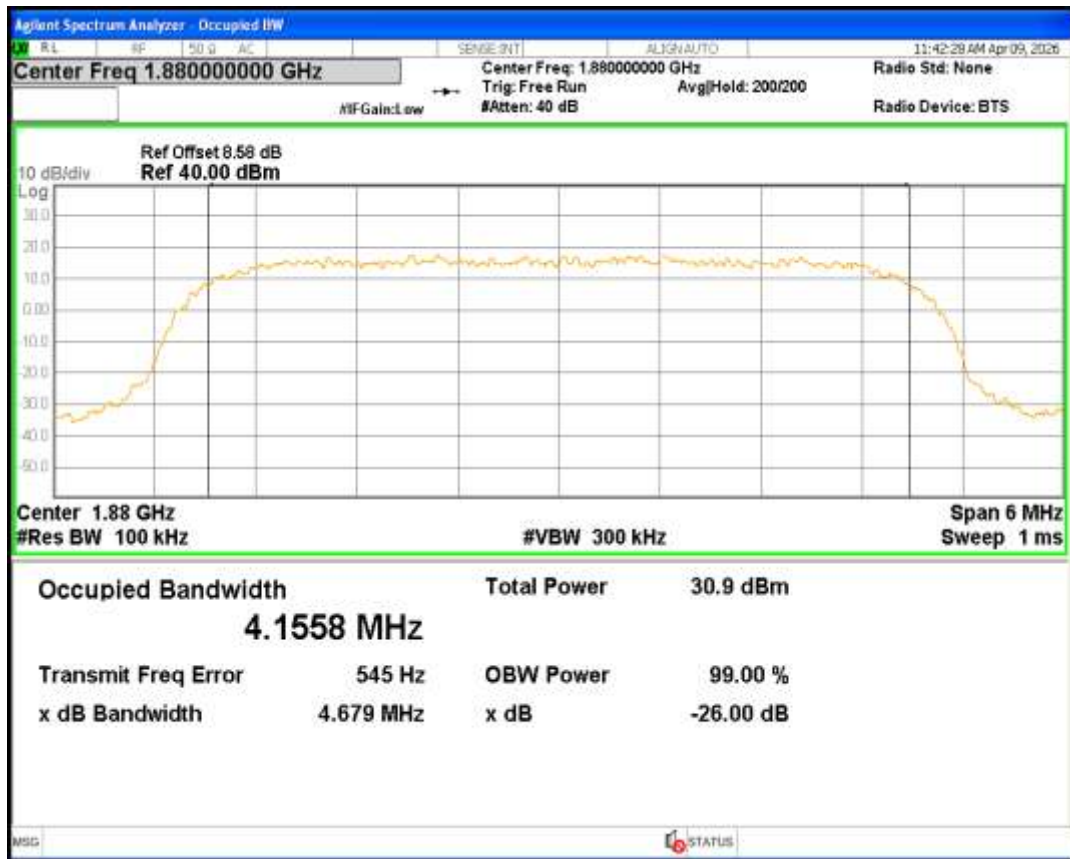
| Band                 | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------------------|---------|-----------------|---------------|-----------------|---------|
| HSDPA Band2 Subtest1 | 9262    | 1852.4          | 4168.764      | 4671.938        | PASS    |
| HSDPA Band2 Subtest1 | 9400    | 1880            | 4155.775      | 4679.313        | PASS    |
| HSDPA Band2 Subtest1 | 9538    | 1907.6          | 4150.937      | 4654.840        | PASS    |
| HSUPA Band2 Subtest1 | 9262    | 1852.4          | 4151.973      | 4671.139        | PASS    |
| HSUPA Band2 Subtest1 | 9400    | 1880            | 4148.042      | 4654.500        | PASS    |
| HSUPA Band2 Subtest1 | 9538    | 1907.6          | 4151.486      | 4664.073        | PASS    |
| WCDMA Band2          | 9262    | 1852.4          | 4171.989      | 4702.625        | PASS    |
| WCDMA Band2          | 9400    | 1880            | 4176.385      | 4671.660        | PASS    |
| WCDMA Band2          | 9538    | 1907.6          | 4158.719      | 4662.567        | PASS    |
| HSDPA Band4 Subtest1 | 1312    | 1712.4          | 4143.198      | 4678.249        | PASS    |
| HSDPA Band4 Subtest1 | 1450    | 1740            | 4158.850      | 4681.013        | PASS    |
| HSDPA Band4 Subtest1 | 1513    | 1752.6          | 4148.107      | 4659.374        | PASS    |
| HSUPA Band4 Subtest1 | 1312    | 1712.4          | 4147.213      | 4667.931        | PASS    |
| HSUPA Band4 Subtest1 | 1450    | 1740            | 4145.218      | 4664.782        | PASS    |
| HSUPA Band4 Subtest1 | 1513    | 1752.6          | 4165.208      | 4652.658        | PASS    |
| WCDMA Band4          | 1312    | 1712.4          | 4154.892      | 4690.154        | PASS    |
| WCDMA Band4          | 1450    | 1740            | 4150.629      | 4666.006        | PASS    |
| WCDMA Band4          | 1513    | 1752.6          | 4158.900      | 4658.933        | PASS    |
| HSDPA Band5 Subtest1 | 4132    | 826.4           | 4155.040      | 4677.406        | PASS    |
| HSDPA Band5 Subtest1 | 4182    | 836.4           | 4151.924      | 4662.918        | PASS    |
| HSDPA Band5 Subtest1 | 4233    | 846.6           | 4162.491      | 4673.153        | PASS    |

|                      |      |       |          |          |      |
|----------------------|------|-------|----------|----------|------|
| HSUPA Band5 Subtest1 | 4132 | 826.4 | 4158.318 | 4688.032 | PASS |
| HSUPA Band5 Subtest1 | 4182 | 836.4 | 4153.913 | 4649.396 | PASS |
| HSUPA Band5 Subtest1 | 4233 | 846.6 | 4150.975 | 4669.939 | PASS |
| WCDMA Band5          | 4132 | 826.4 | 4155.464 | 4691.285 | PASS |
| WCDMA Band5          | 4182 | 836.4 | 4161.535 | 4679.093 | PASS |
| WCDMA Band5          | 4233 | 846.6 | 4139.390 | 4678.511 | PASS |

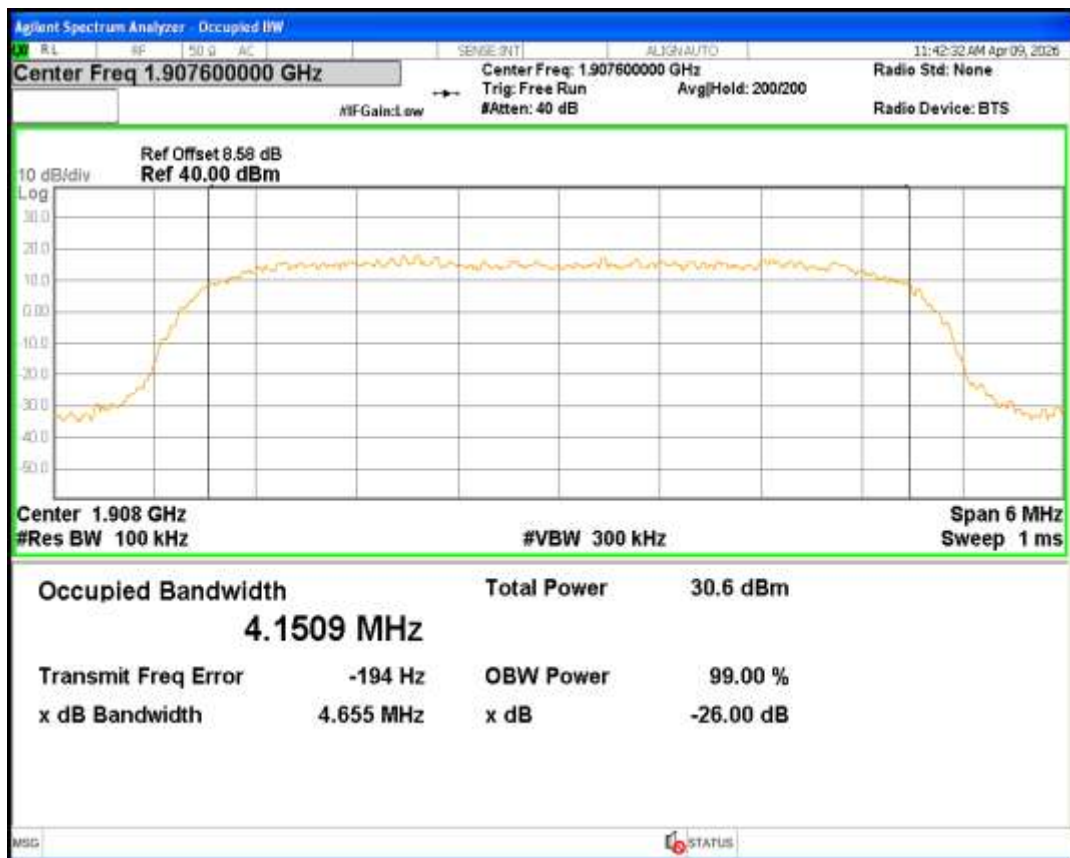
HSDPA Band2 Subtest1 Channel=9262



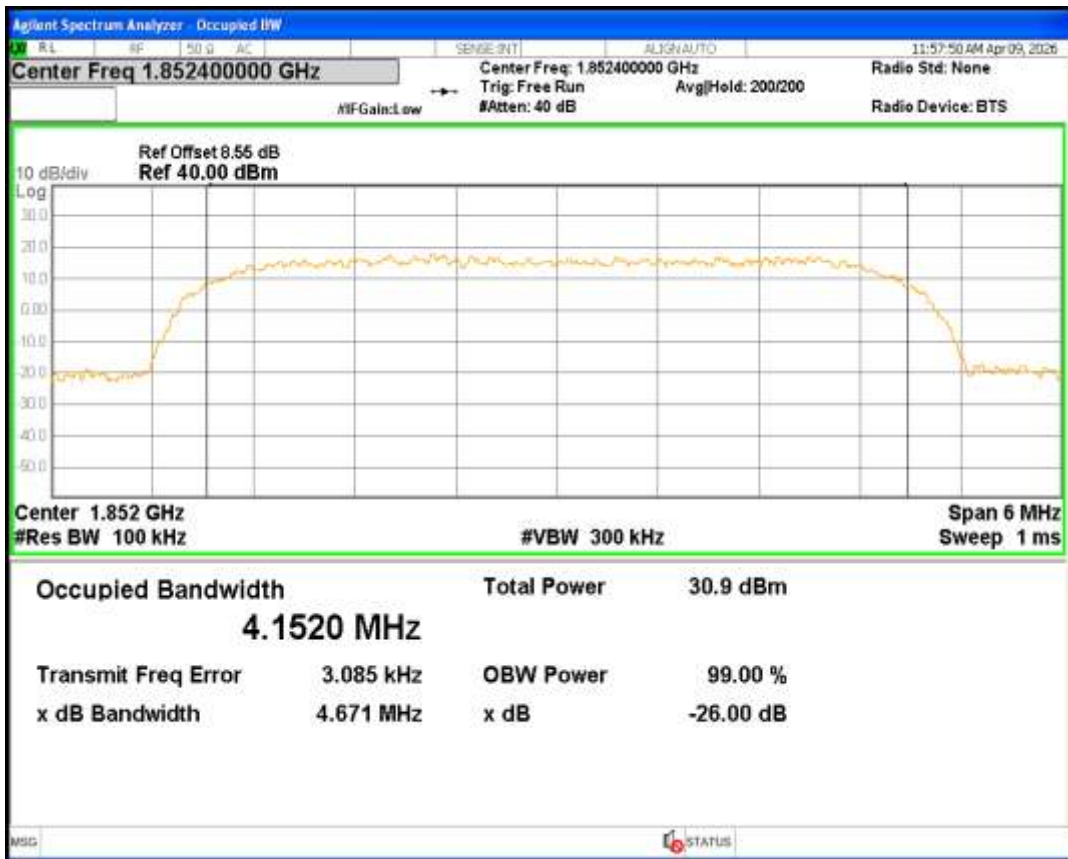
HSDPA Band2 Subtest1 Channel=9400



HSDPA Band2 Subtest1 Channel=9538



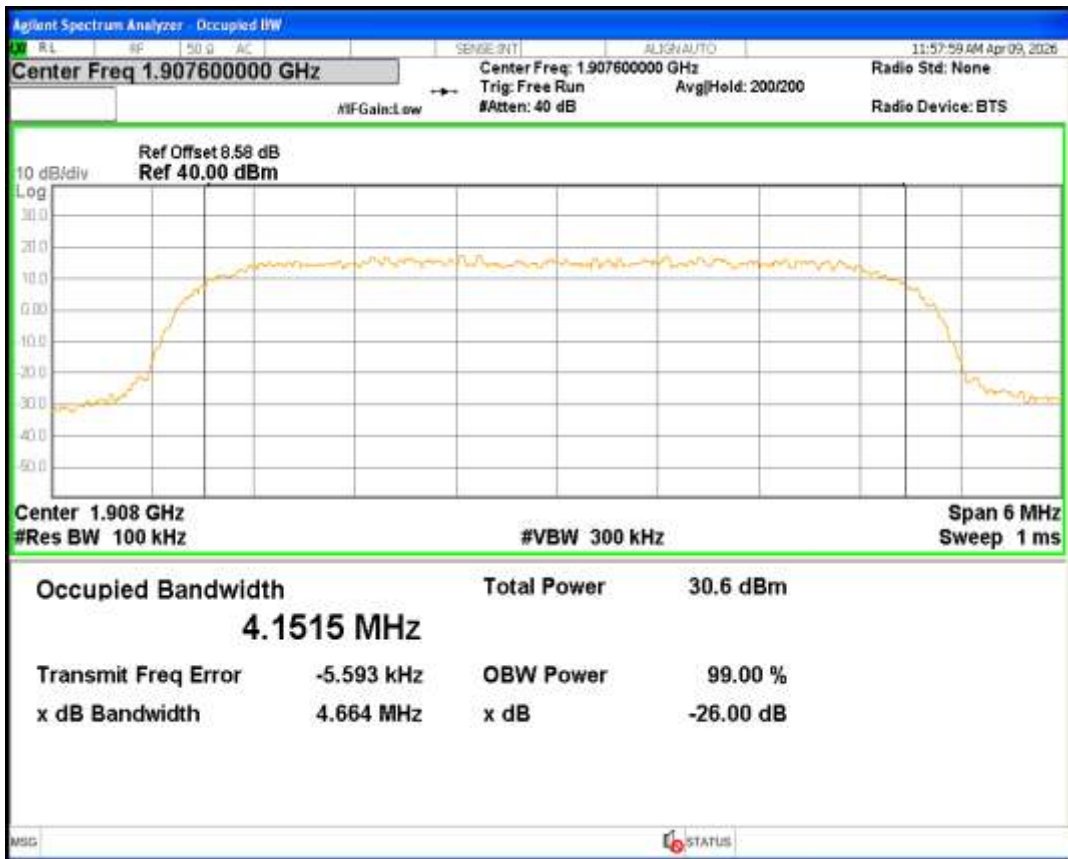
HSUPA Band2 Subtest1 Channel=9262



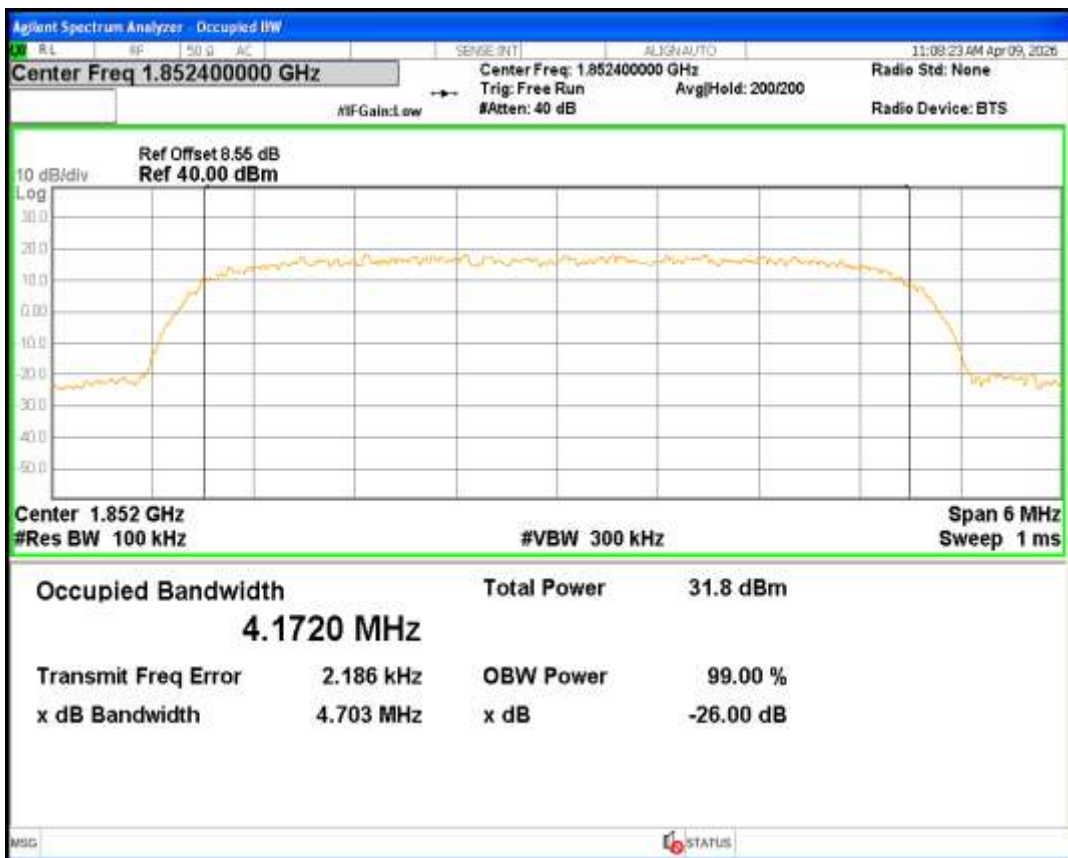
HSUPA Band2 Subtest1 Channel=9400



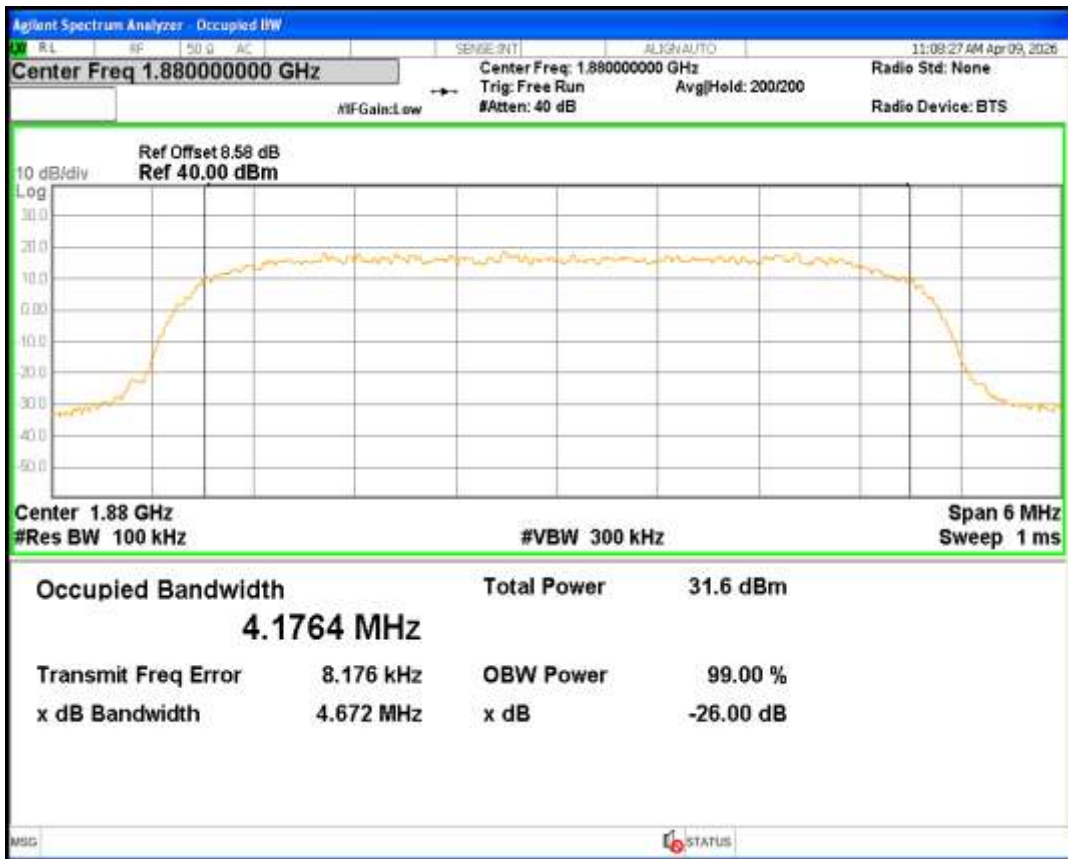
HSUPA Band2 Subtest1 Channel=9538



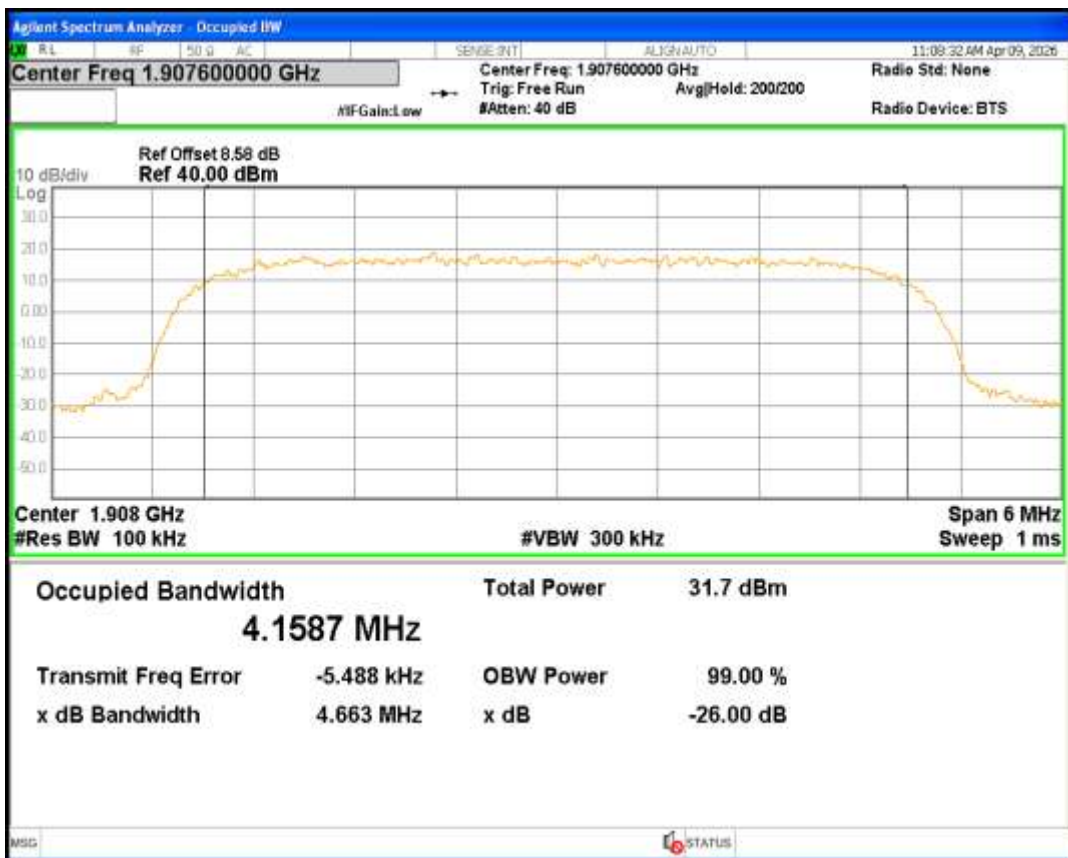
WCDMA Band2 Channel=9262



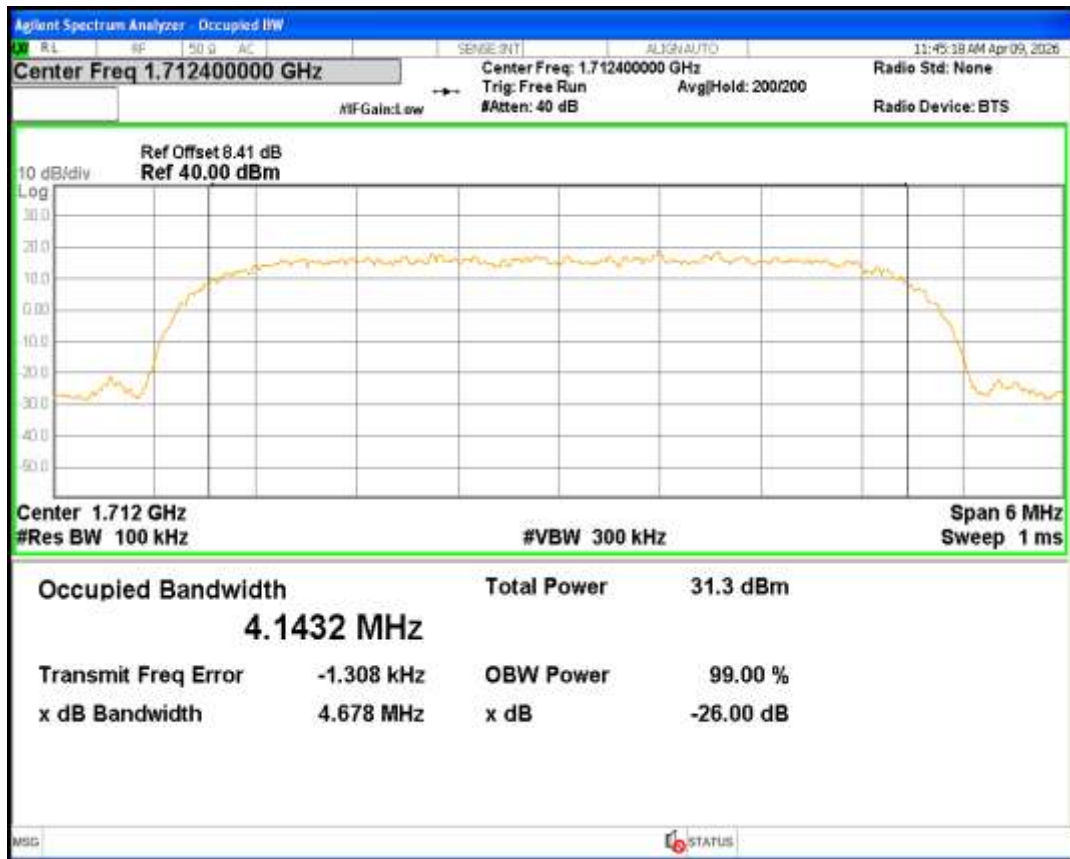
WCDMA Band2 Channel=9400



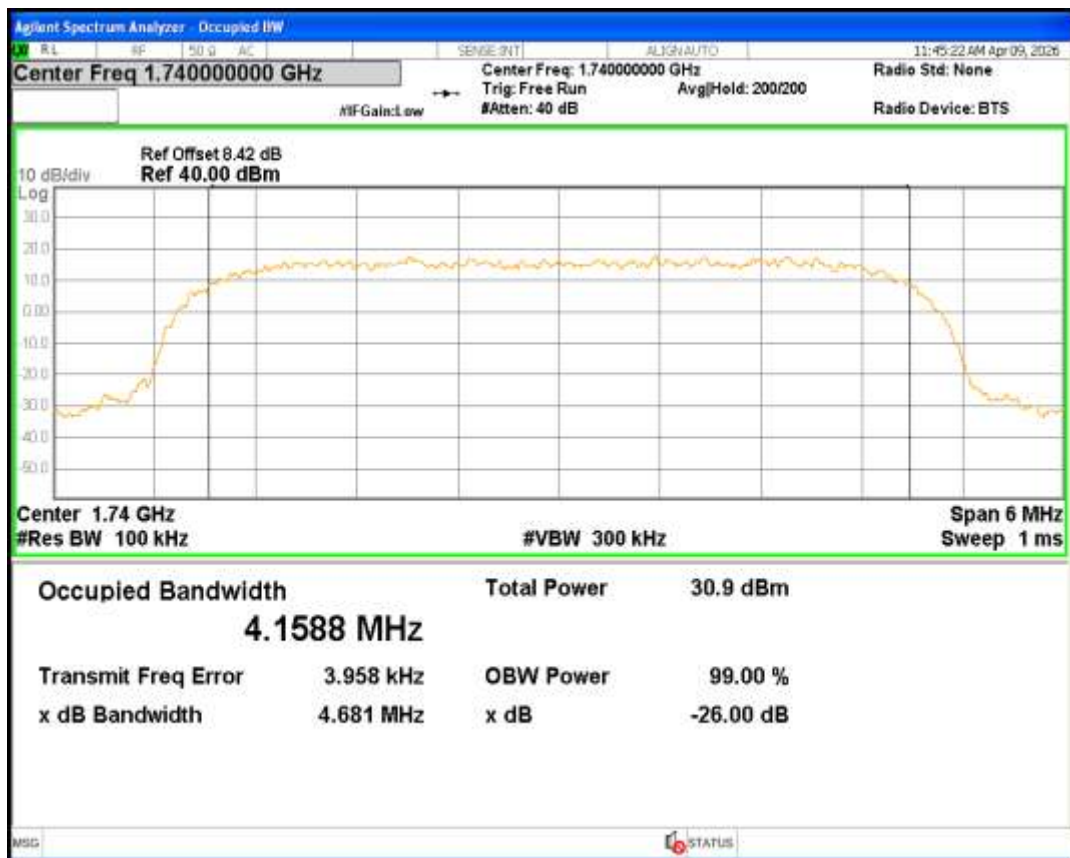
WCDMA Band2 Channel=9538



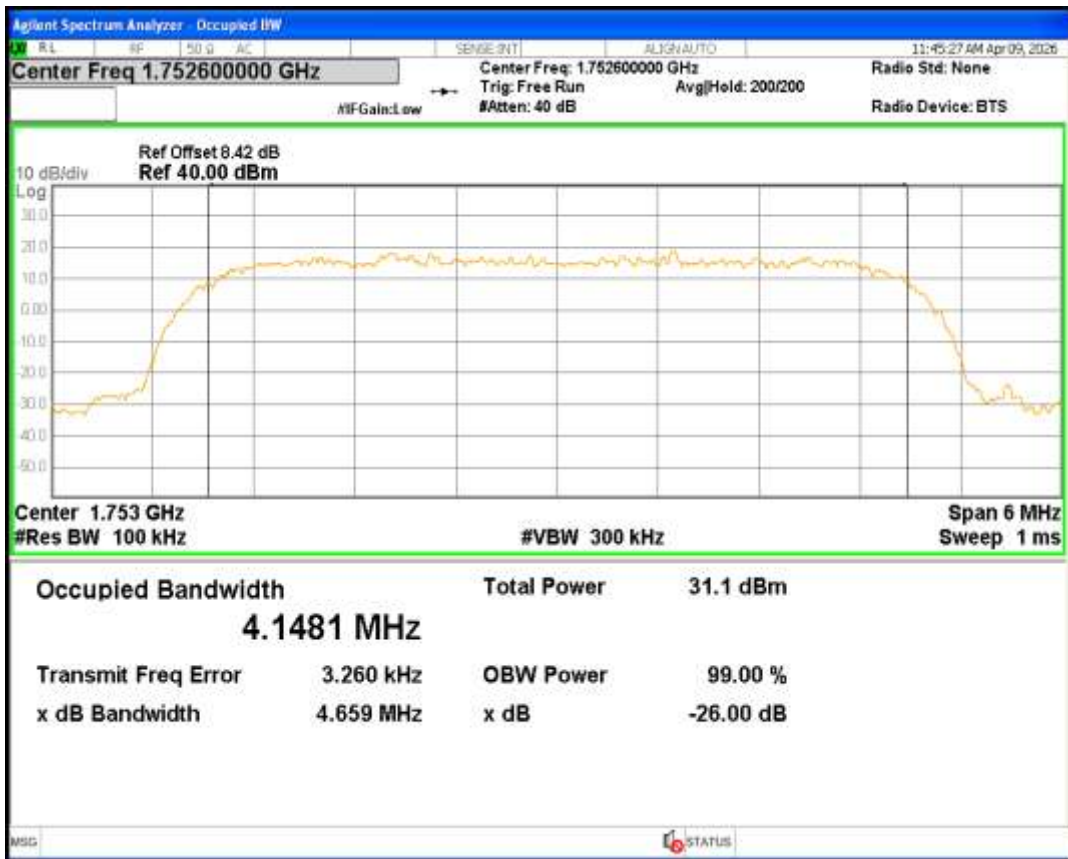
HSDPA Band4 Subtest1 Channel=1312



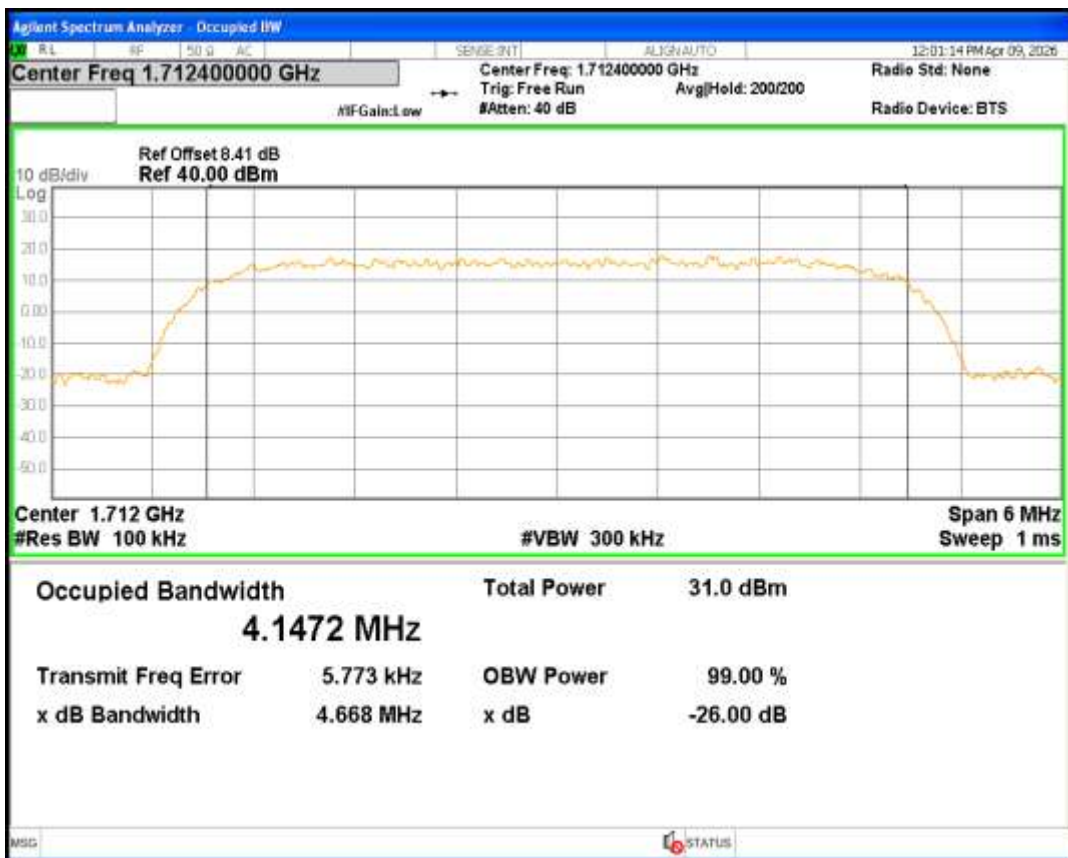
HSDPA Band4 Subtest1 Channel=1450



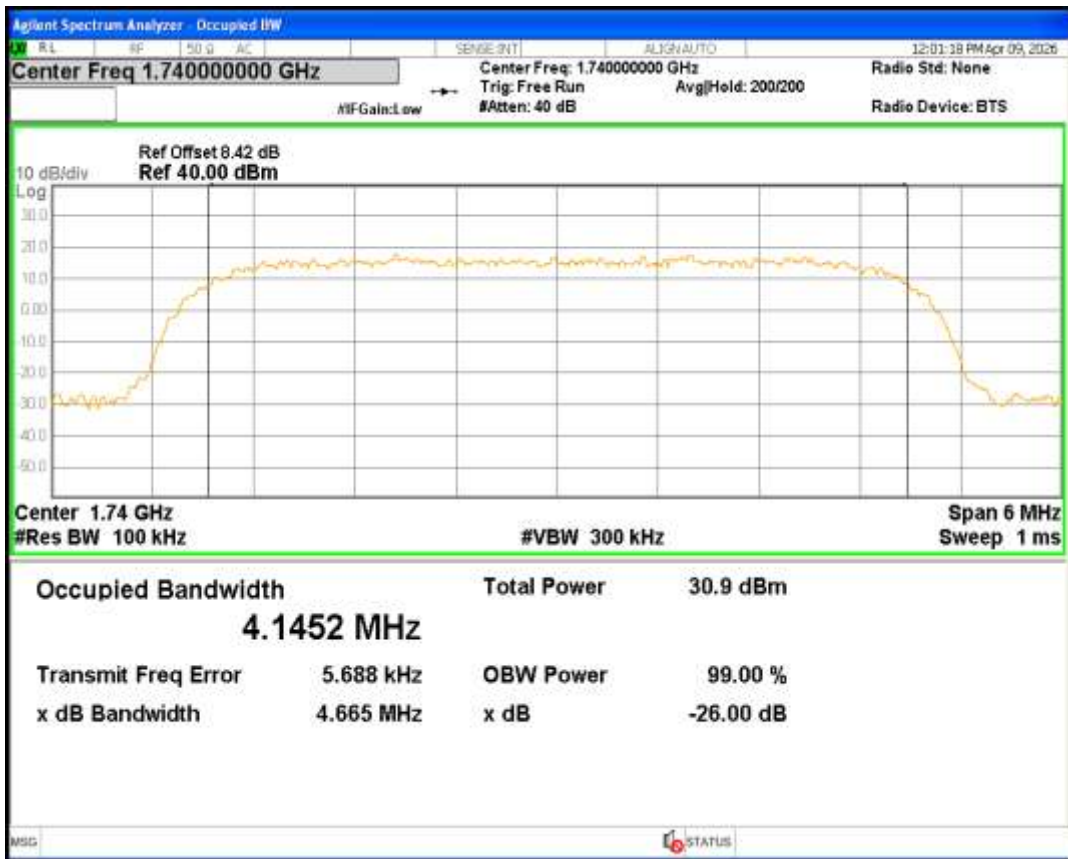
HSDPA Band4 Subtest1 Channel=1513



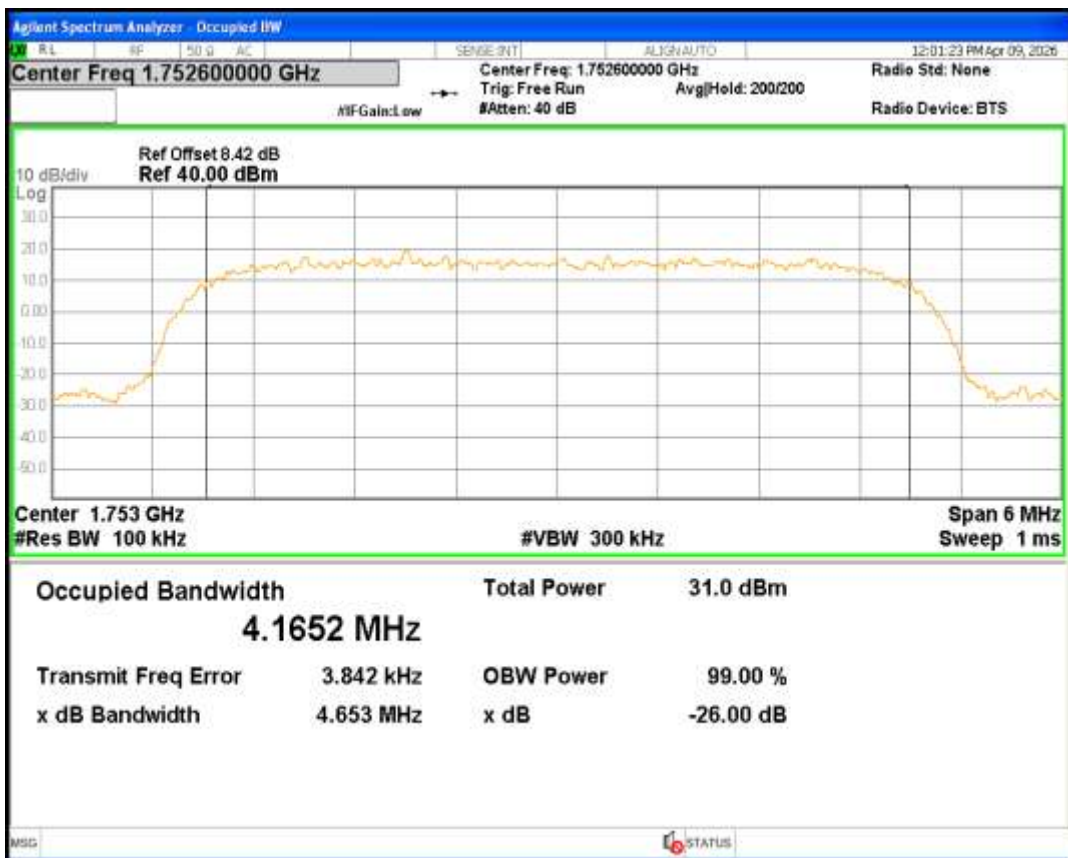
HSUPA Band4 Subtest1 Channel=1312



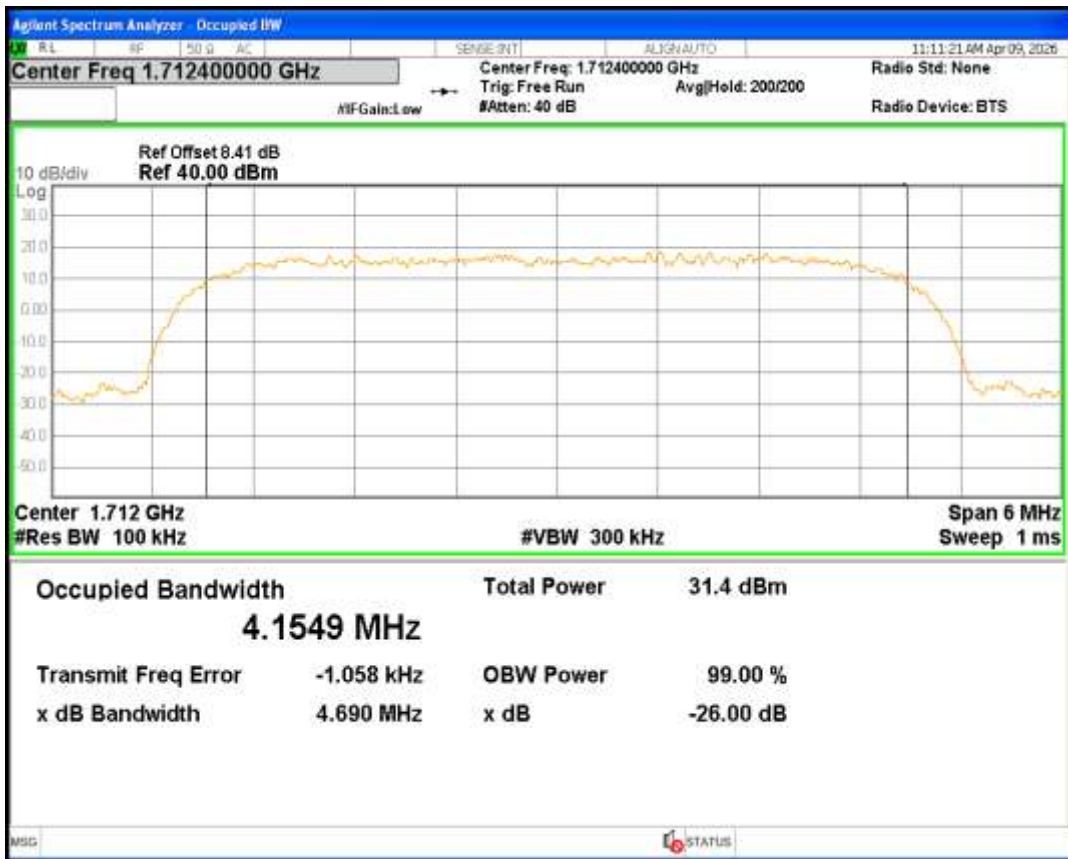
HSUPA Band4 Subtest1 Channel=1450



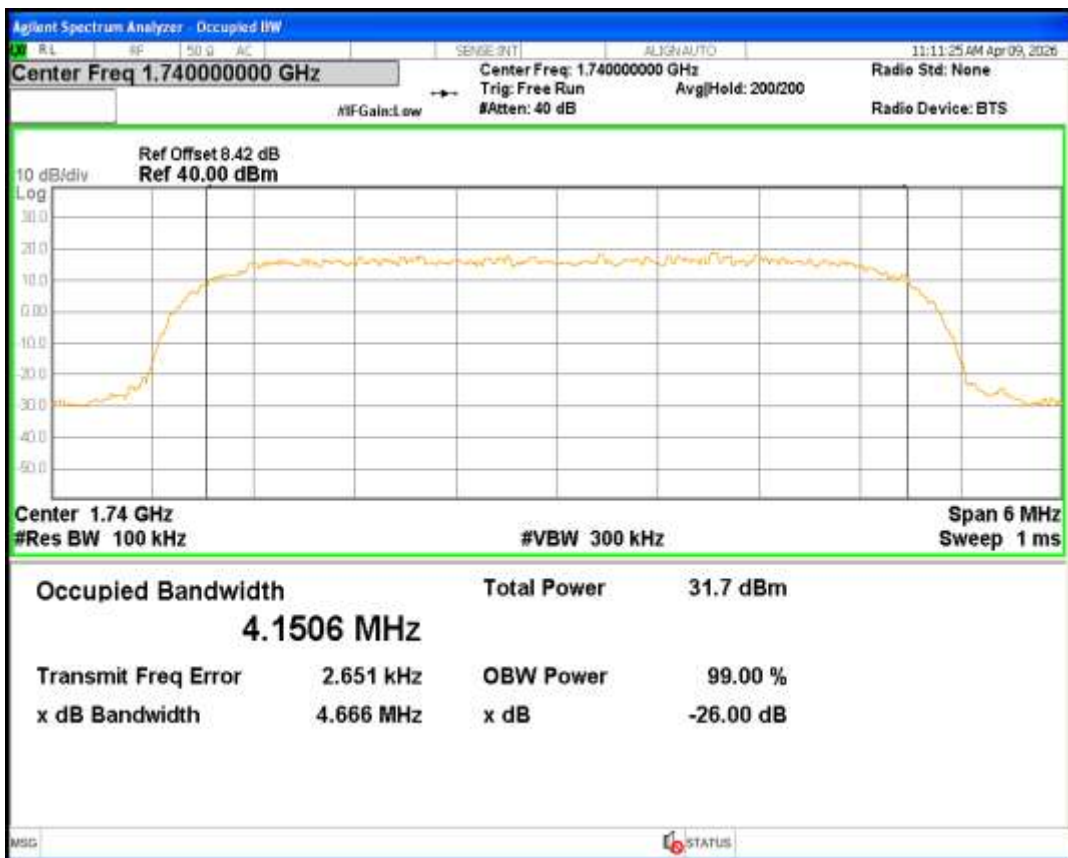
HSUPA Band4 Subtest1 Channel=1513



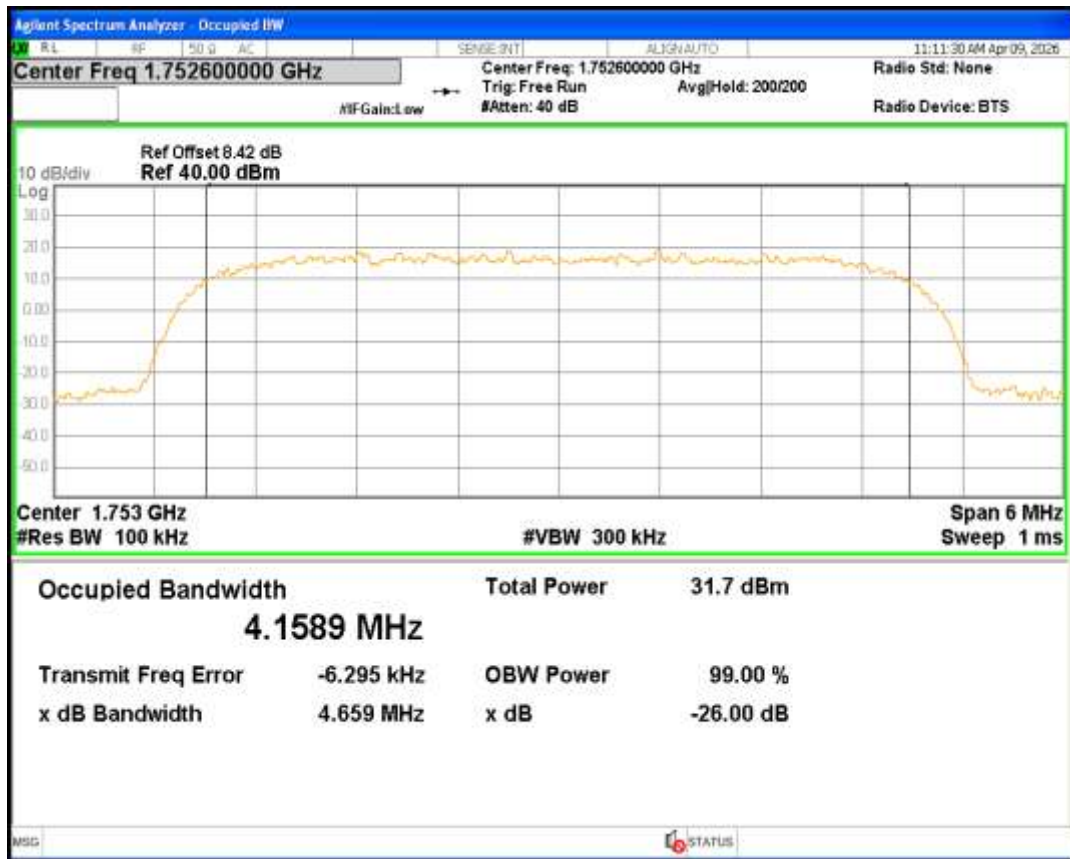
WCDMA Band4 Channel=1312



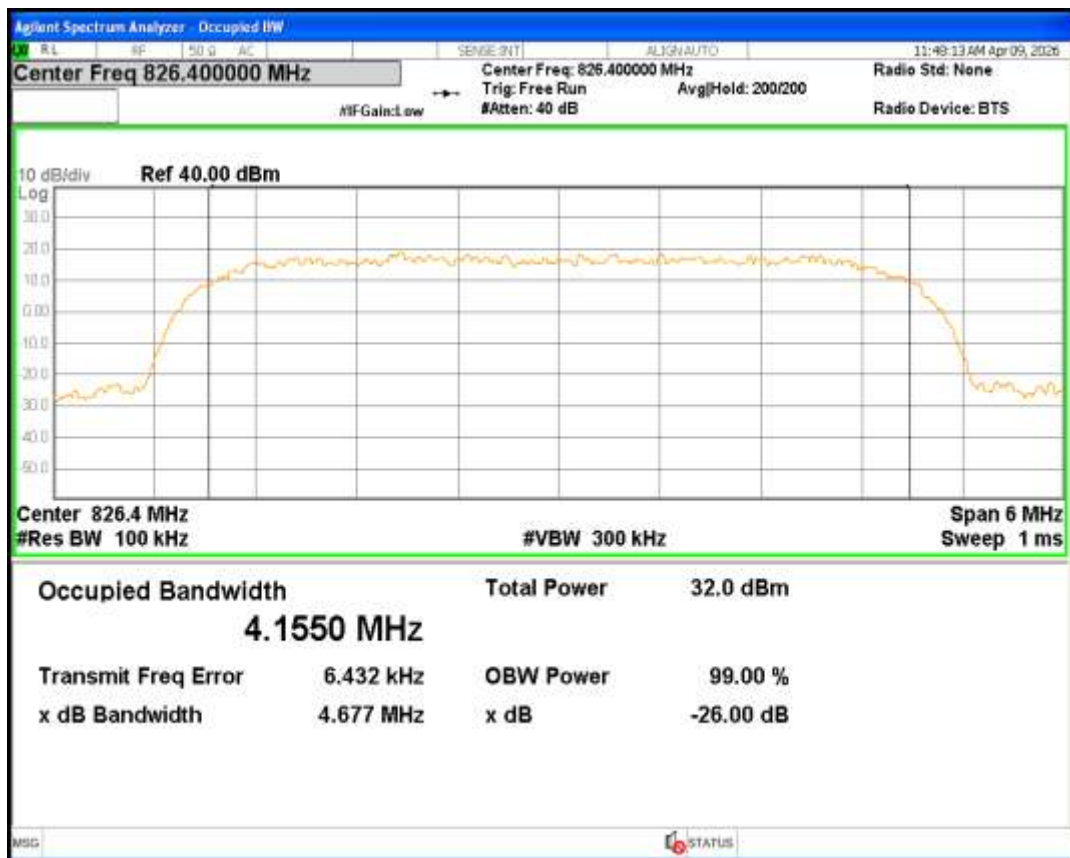
WCDMA Band4 Channel=1450



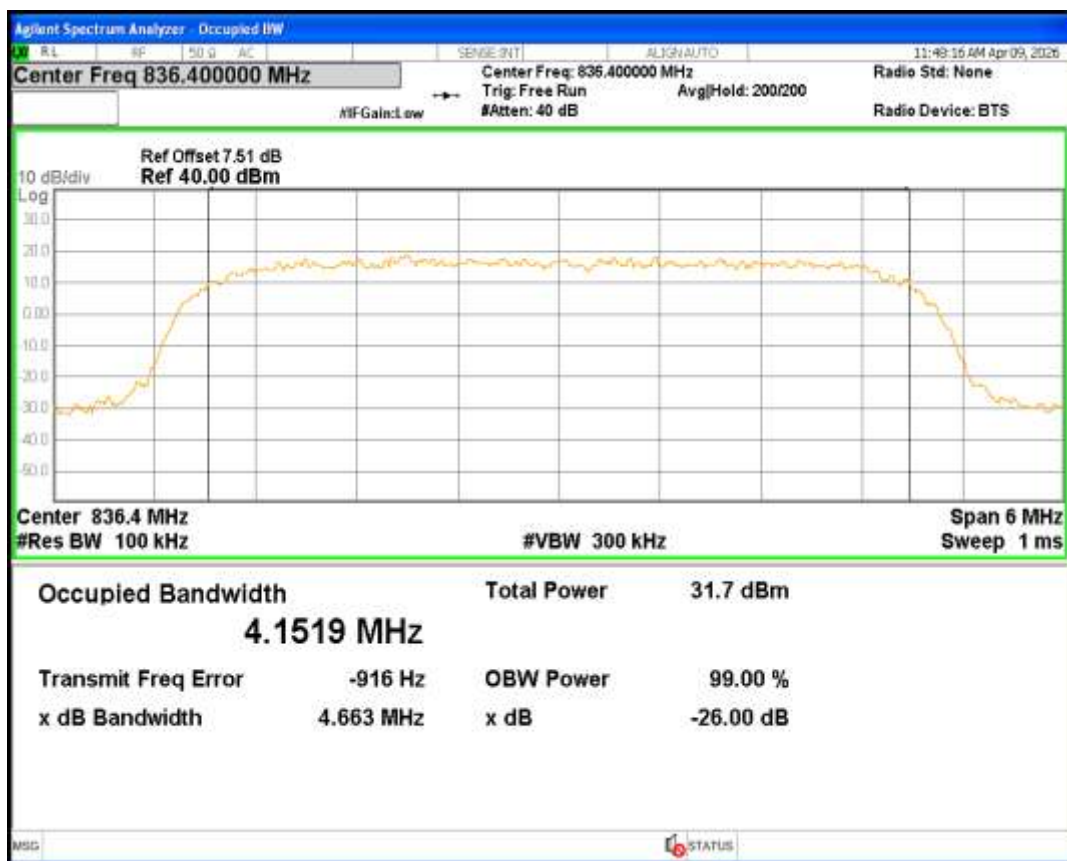
WCDMA Band4 Channel=1513



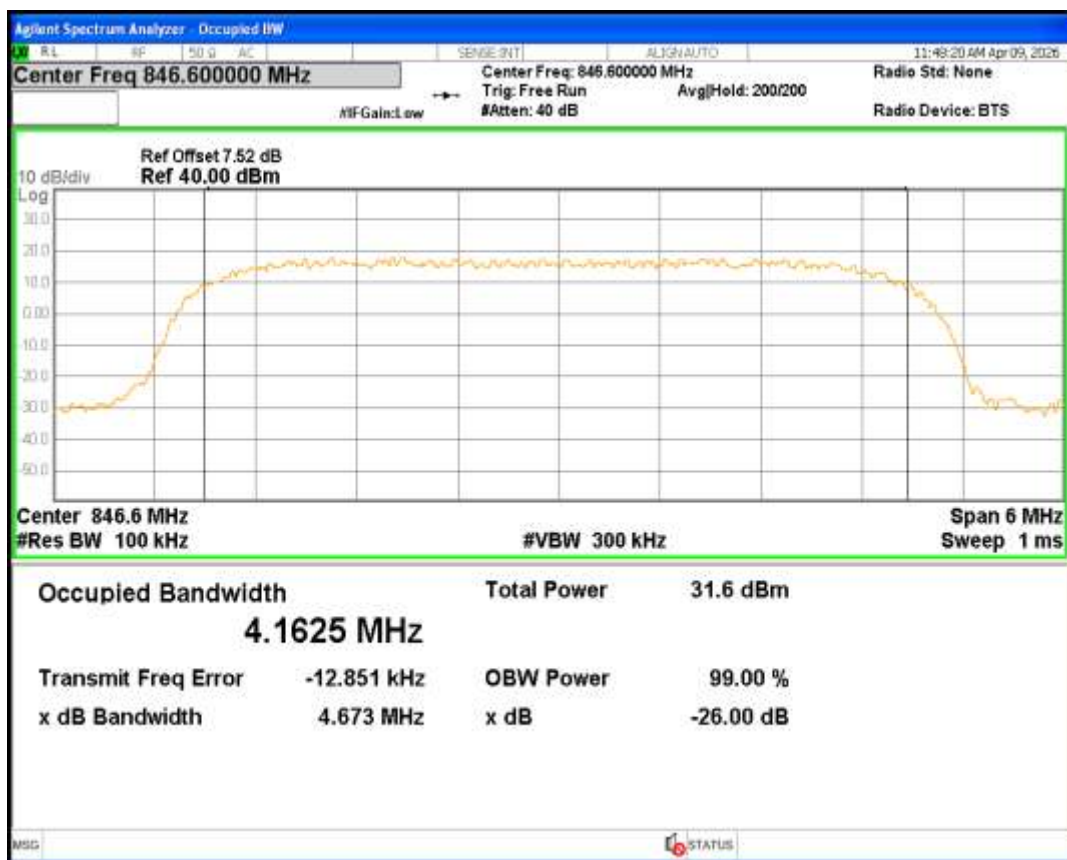
HSDPA Band5 Subtest1 Channel=4132



HSDPA Band5 Subtest1 Channel=4182



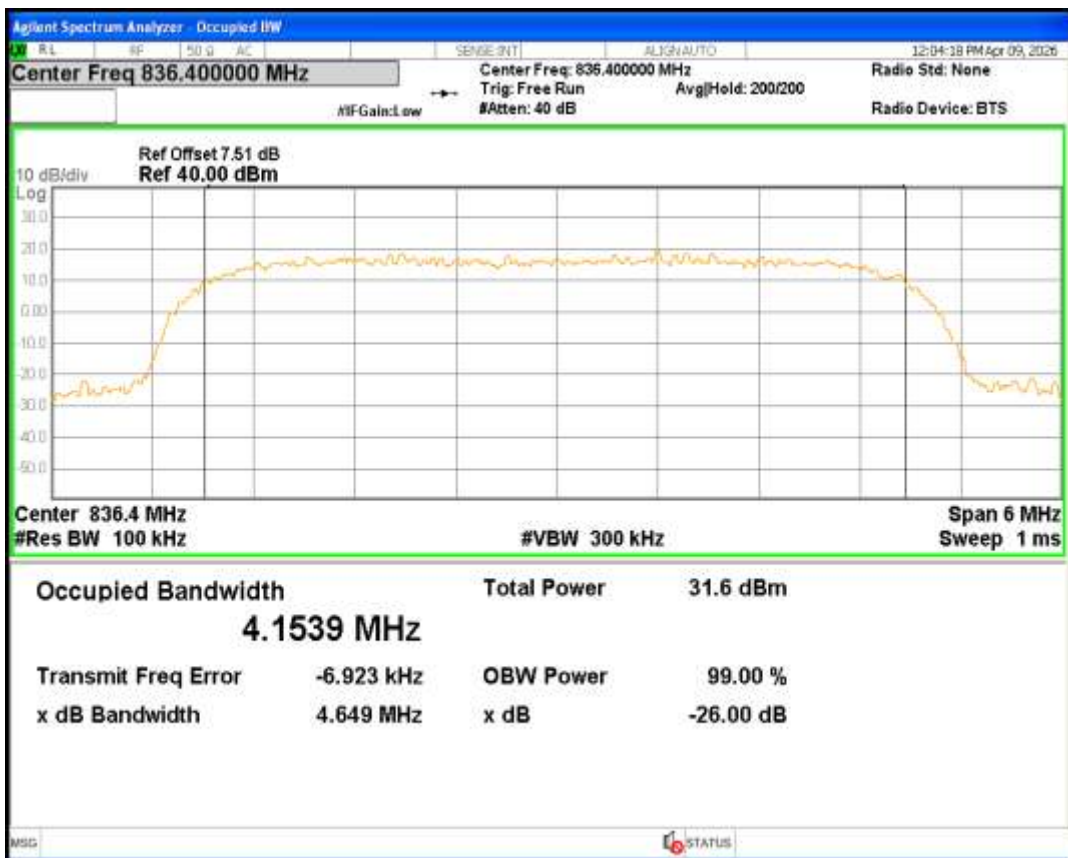
HSDPA Band5 Subtest1 Channel=4233



HSUPA Band5 Subtest1 Channel=4132



HSUPA Band5 Subtest1 Channel=4182



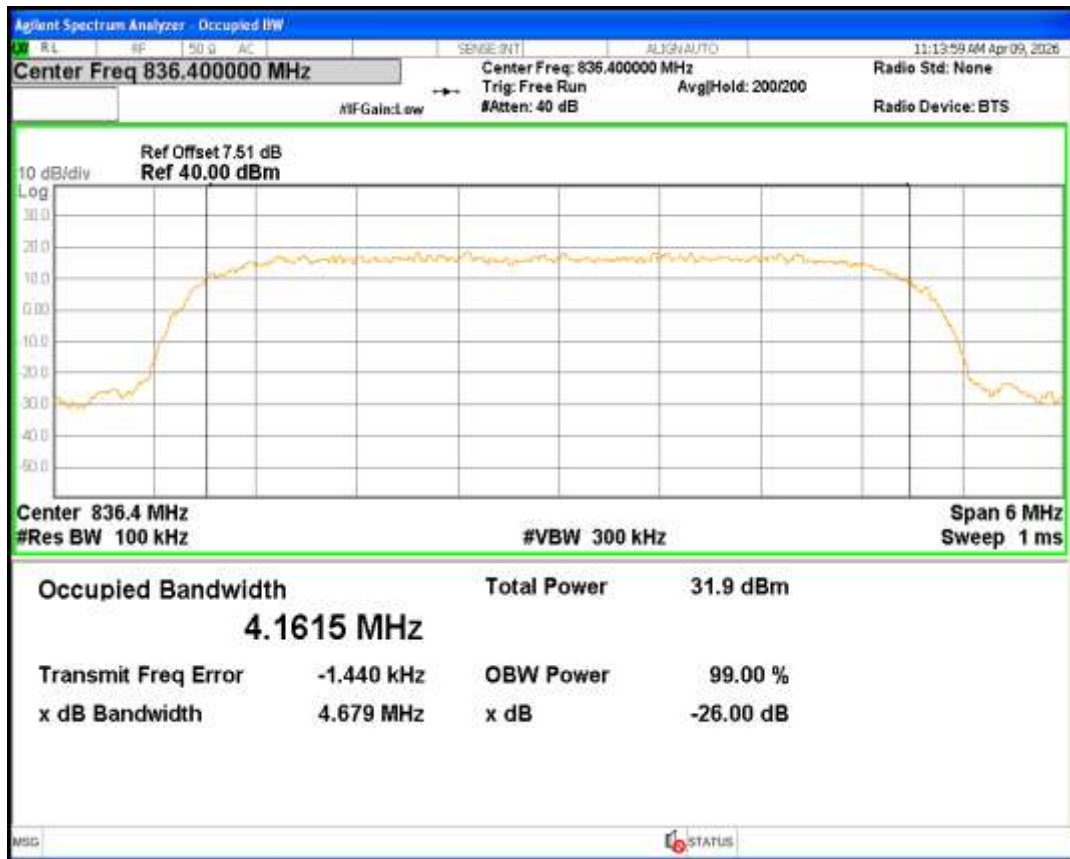
HSUPA Band5 Subtest1 Channel=4233



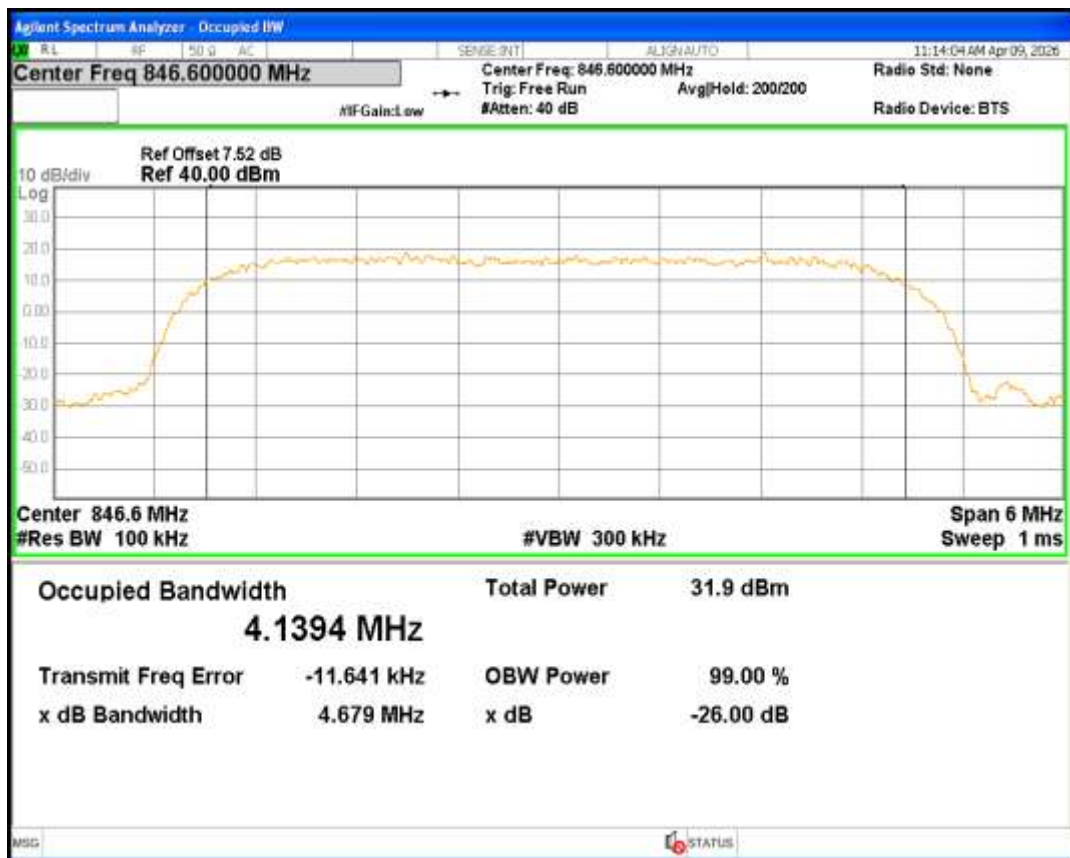
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4233



05 Band edge

| Band                 | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------------|---------|-----------------|-----------------|------------------|-------------|---------|
| HSDPA Band2 Subtest1 | 9262    | 1852.4          | 1850.00         | -25.64           | -13         | PASS    |
| HSDPA Band2 Subtest1 | 9538    | 1907.6          | 1910.00         | -26.05           | -13         | PASS    |
| HSUPA Band2 Subtest1 | 9262    | 1852.4          | 1850.00         | -25.39           | -13         | PASS    |
| HSUPA Band2 Subtest1 | 9538    | 1907.6          | 1910.00         | -26.56           | -13         | PASS    |
| WCDMA Band2          | 9262    | 1852.4          | 1850.00         | -22.81           | -13         | PASS    |
| WCDMA Band2          | 9538    | 1907.6          | 1910.00         | -25.02           | -13         | PASS    |
| HSDPA Band4 Subtest1 | 1312    | 1712.4          | 1710.00         | -24.86           | -13         | PASS    |
| HSDPA Band4 Subtest1 | 1513    | 1752.6          | 1755.00         | -25.72           | -13         | PASS    |
| HSUPA Band4 Subtest1 | 1312    | 1712.4          | 1710.00         | -24.68           | -13         | PASS    |
| HSUPA Band4 Subtest1 | 1513    | 1752.6          | 1755.00         | -25.76           | -13         | PASS    |
| WCDMA Band4          | 1312    | 1712.4          | 1710.00         | -24.75           | -13         | PASS    |
| WCDMA Band4          | 1513    | 1752.6          | 1755.00         | -25.16           | -13         | PASS    |
| HSDPA Band5 Subtest1 | 4132    | 826.4           | 824.00          | -25.41           | -13         | PASS    |
| HSDPA Band5 Subtest1 | 4233    | 846.6           | 849.00          | -24.99           | -13         | PASS    |
| HSUPA Band5 Subtest1 | 4132    | 826.4           | 824.00          | -23.81           | -13         | PASS    |
| HSUPA Band5 Subtest1 | 4233    | 846.6           | 849.00          | -25.14           | -13         | PASS    |
| WCDMA Band5          | 4132    | 826.4           | 824.00          | -23.23           | -13         | PASS    |
| WCDMA Band5          | 4233    | 846.6           | 849.00          | -23.45           | -13         | PASS    |

HSDPA Band2 Subtest1 Channel=9262



HSDPA Band2 Subtest1 Channel=9538



HSUPA Band2 Subtest1 Channel=9262



HSUPA Band2 Subtest1 Channel=9538



WCDMA Band2 Channel=9262



WCDMA Band2 Channel=9538



HSDPA Band4 Subtest1 Channel=1312



HSDPA Band4 Subtest1 Channel=1513



HSUPA Band4 Subtest1 Channel=1312



HSUPA Band4 Subtest1 Channel=1513



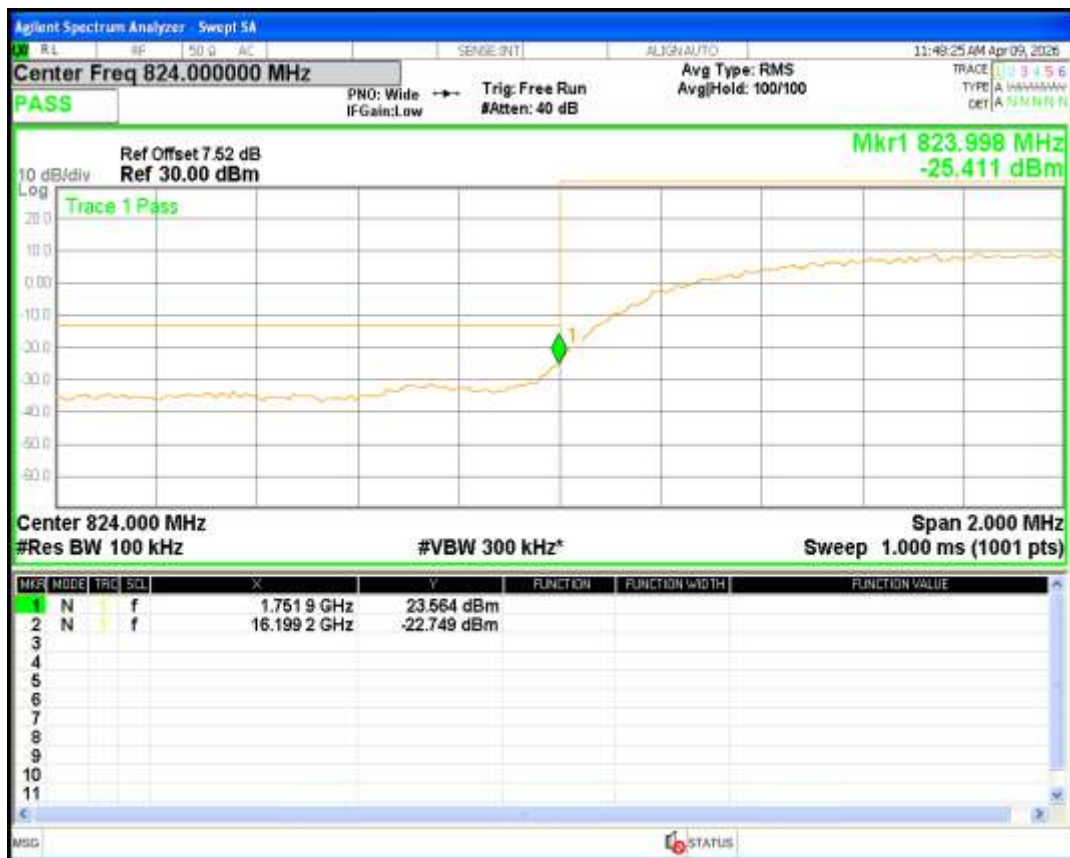
WCDMA Band4 Channel=1312



WCDMA Band4 Channel=1513



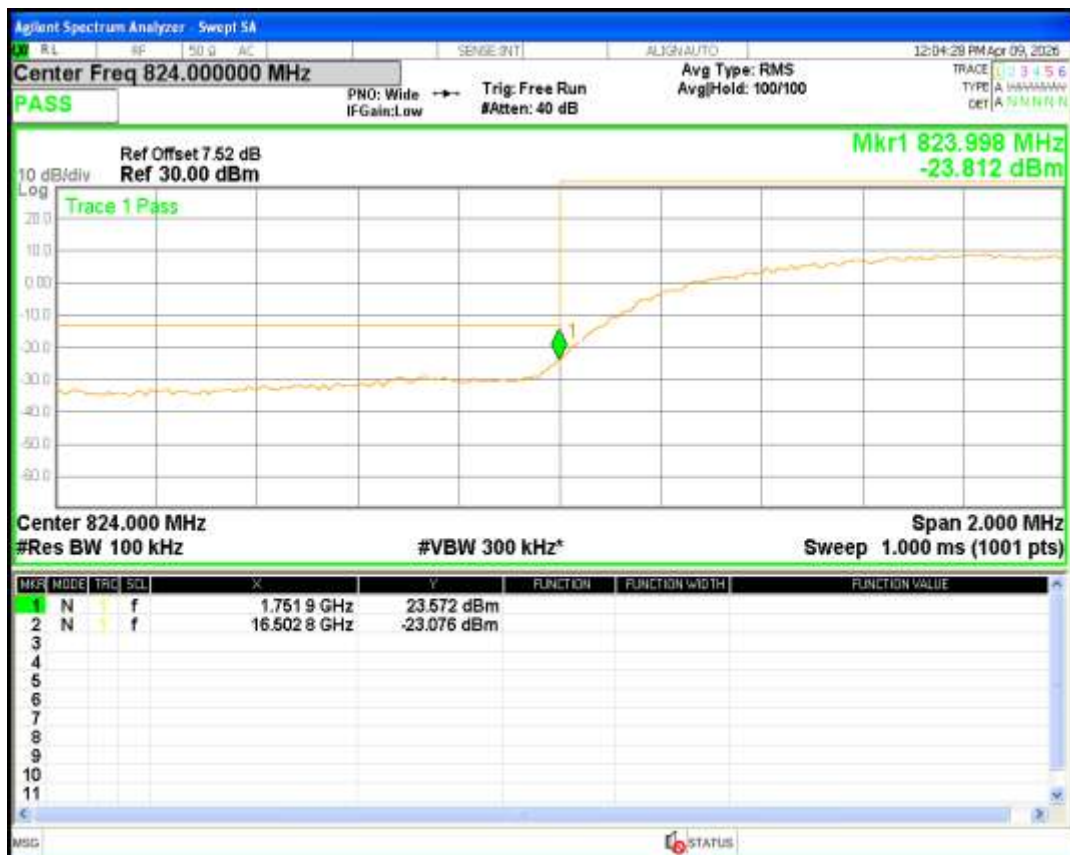
HSDPA Band5 Subtest1 Channel=4132



HSDPA Band5 Subtest1 Channel=4233



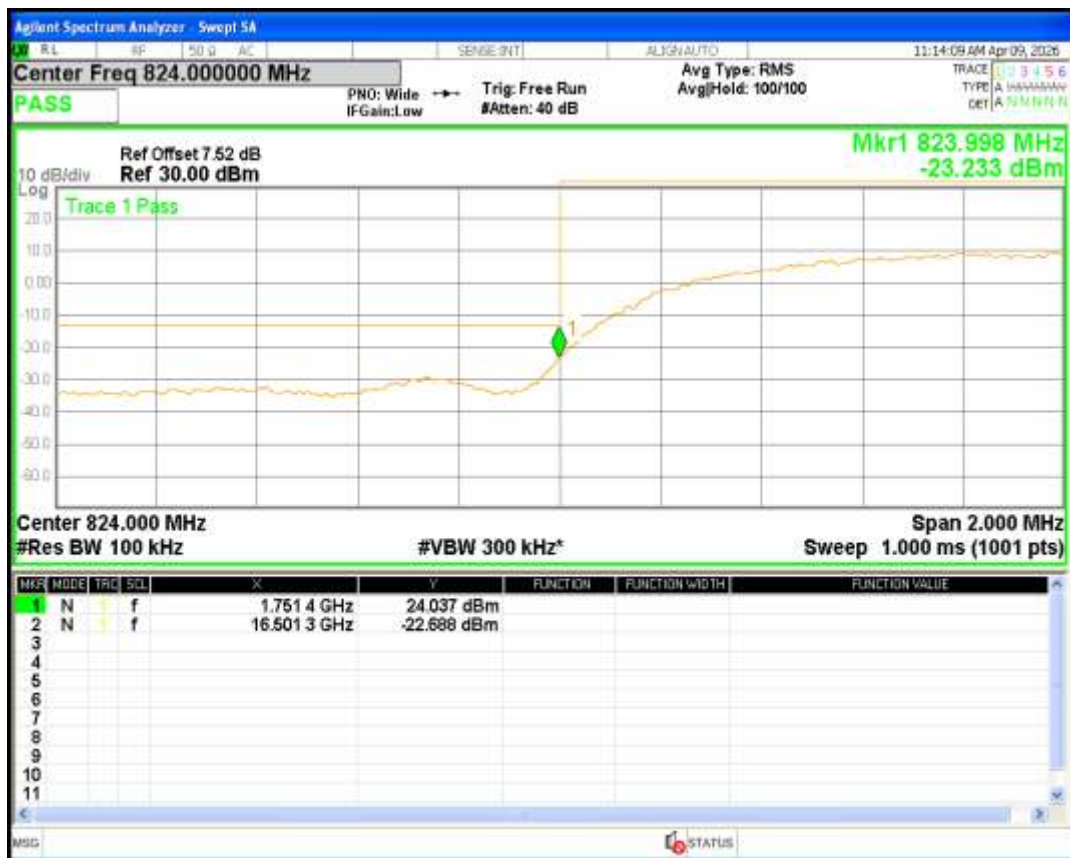
HSUPA Band5 Subtest1 Channel=4132



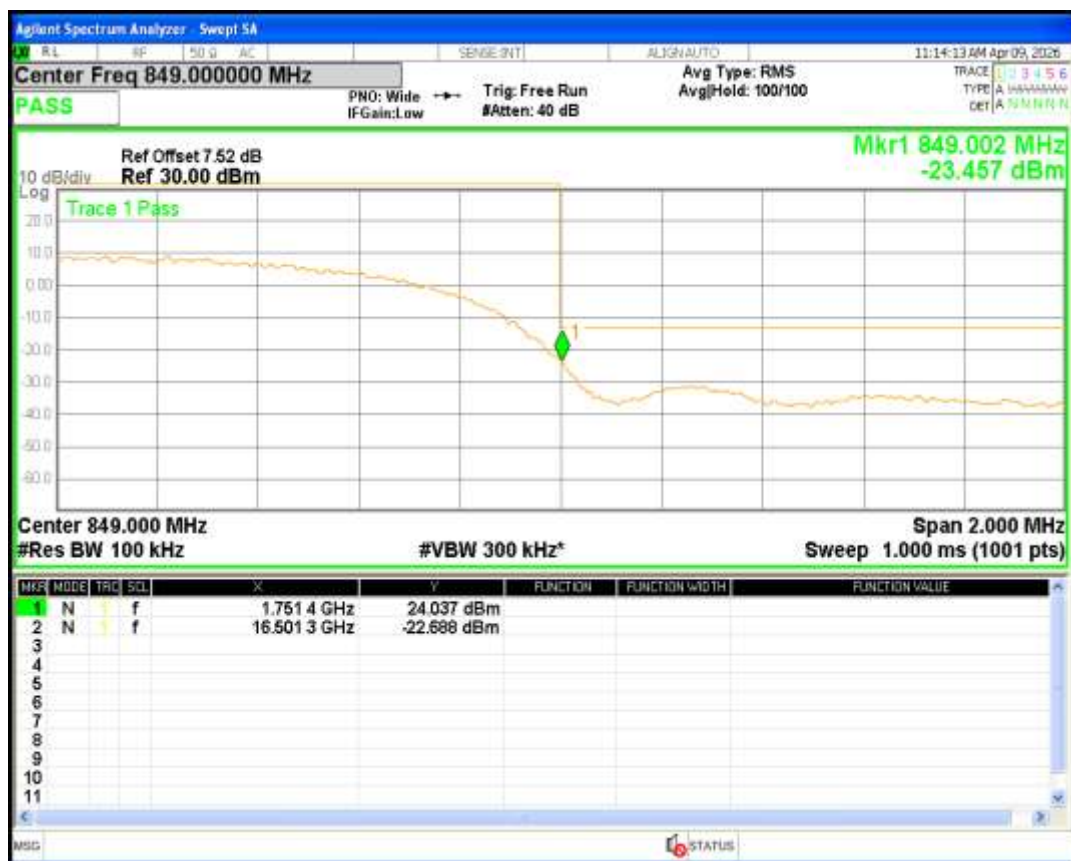
HSUPA Band5 Subtest1 Channel=4233



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233

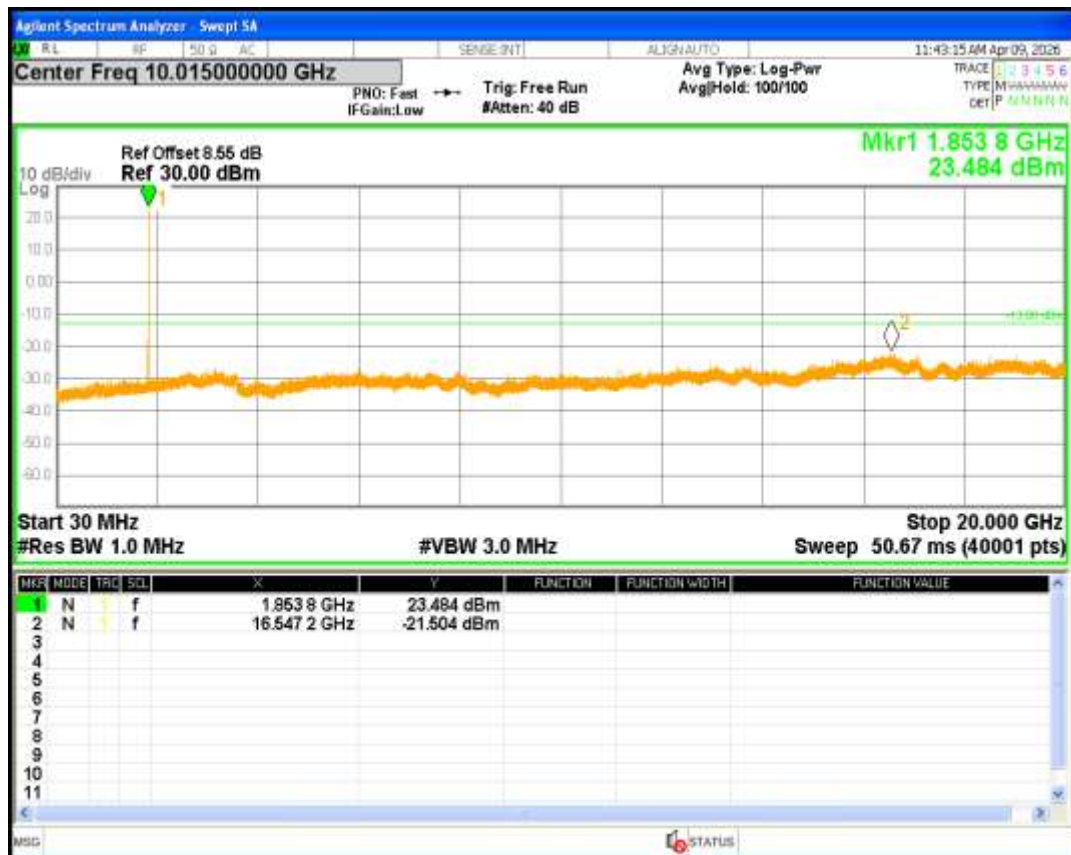


## 06 Out-of-band emissions

| Band                 | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------------------|---------|-----------------|-----------------|------------------|-------------|---------|
| HSDPA Band2 Subtest1 | 9262    | 1852.4          | 16547.19        | -21.50           | -13         | PASS    |
| HSDPA Band2 Subtest1 | 9400    | 1880            | 16570.15        | -22.22           | -13         | PASS    |
| HSDPA Band2 Subtest1 | 9538    | 1907.6          | 18204.20        | -22.79           | -13         | PASS    |
| HSUPA Band2 Subtest1 | 9262    | 1852.4          | 16488.28        | -21.65           | -13         | PASS    |
| HSUPA Band2 Subtest1 | 9400    | 1880            | 16526.22        | -21.46           | -13         | PASS    |
| HSUPA Band2 Subtest1 | 9538    | 1907.6          | 16504.25        | -21.01           | -13         | PASS    |
| WCDMA Band2          | 9262    | 1852.4          | 16599.61        | -21.78           | -13         | PASS    |
| WCDMA Band2          | 9400    | 1880            | 17079.39        | -22.14           | -13         | PASS    |
| WCDMA Band2          | 9538    | 1907.6          | 16565.16        | -22.13           | -13         | PASS    |
| HSDPA Band4 Subtest1 | 1312    | 1712.4          | 16636.05        | -22.64           | -13         | PASS    |
| HSDPA Band4 Subtest1 | 1450    | 1740            | 17074.89        | -22.24           | -13         | PASS    |
| HSDPA Band4 Subtest1 | 1513    | 1752.6          | 16199.21        | -22.74           | -13         | PASS    |
| HSUPA Band4 Subtest1 | 1312    | 1712.4          | 16507.75        | -22.40           | -13         | PASS    |
| HSUPA Band4 Subtest1 | 1450    | 1740            | 16472.30        | -22.50           | -13         | PASS    |
| HSUPA Band4 Subtest1 | 1513    | 1752.6          | 16502.75        | -23.07           | -13         | PASS    |
| WCDMA Band4          | 1312    | 1712.4          | 18978.53        | -22.76           | -13         | PASS    |
| WCDMA Band4          | 1450    | 1740            | 16524.22        | -22.41           | -13         | PASS    |
| WCDMA Band4          | 1513    | 1752.6          | 16501.26        | -22.68           | -13         | PASS    |
| HSDPA Band5 Subtest1 | 4132    | 826.4           | 2763.03         | -28.39           | -13         | PASS    |
| HSDPA Band5 Subtest1 | 4182    | 836.4           | 7471.61         | -28.09           | -13         | PASS    |
| HSDPA Band5 Subtest1 | 4233    | 846.6           | 6931.98         | -28.52           | -13         | PASS    |

|                      |      |       |         |        |     |      |
|----------------------|------|-------|---------|--------|-----|------|
| HSUPA Band5 Subtest1 | 4132 | 826.4 | 3067.36 | -27.85 | -13 | PASS |
| HSUPA Band5 Subtest1 | 4182 | 836.4 | 5940.96 | -28.43 | -13 | PASS |
| HSUPA Band5 Subtest1 | 4233 | 846.6 | 2579.08 | -28.15 | -13 | PASS |
| WCDMA Band5          | 4132 | 826.4 | 7427.99 | -28.42 | -13 | PASS |
| WCDMA Band5          | 4182 | 836.4 | 3062.62 | -28.08 | -13 | PASS |
| WCDMA Band5          | 4233 | 846.6 | 2665.07 | -27.93 | -13 | PASS |

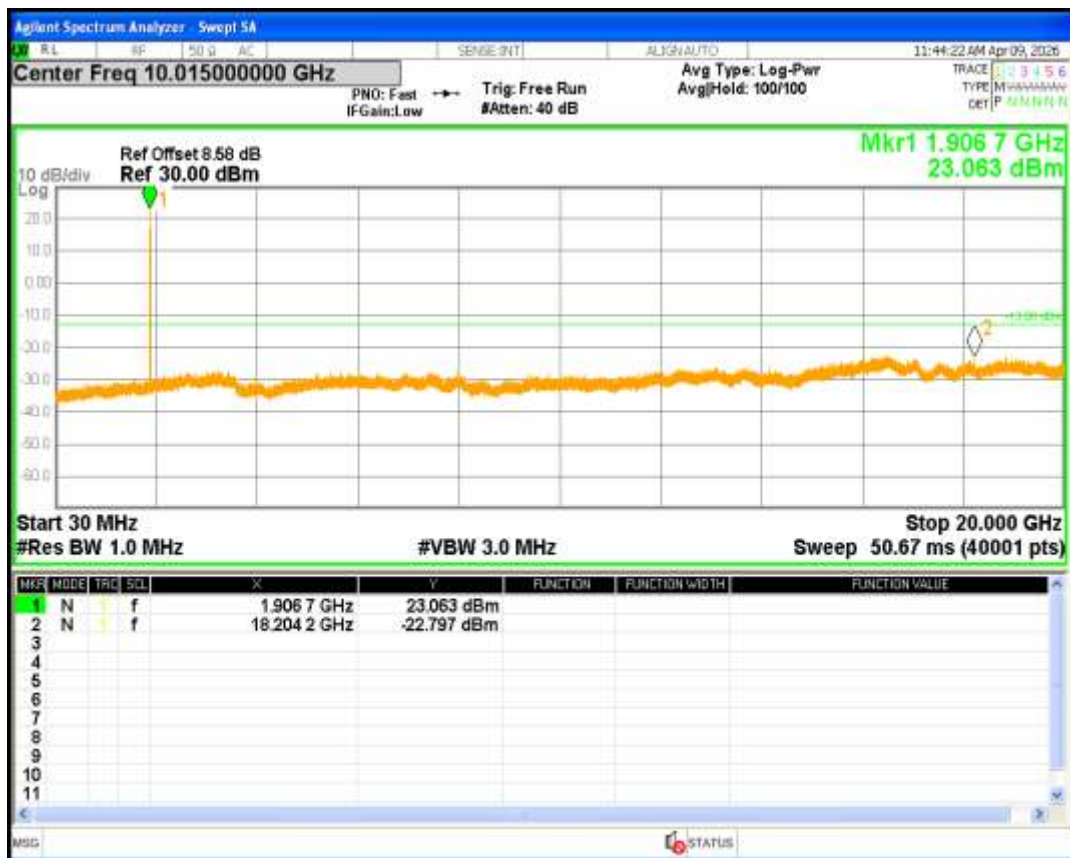
HSDPA Band2 Subtest1 Channel=9262



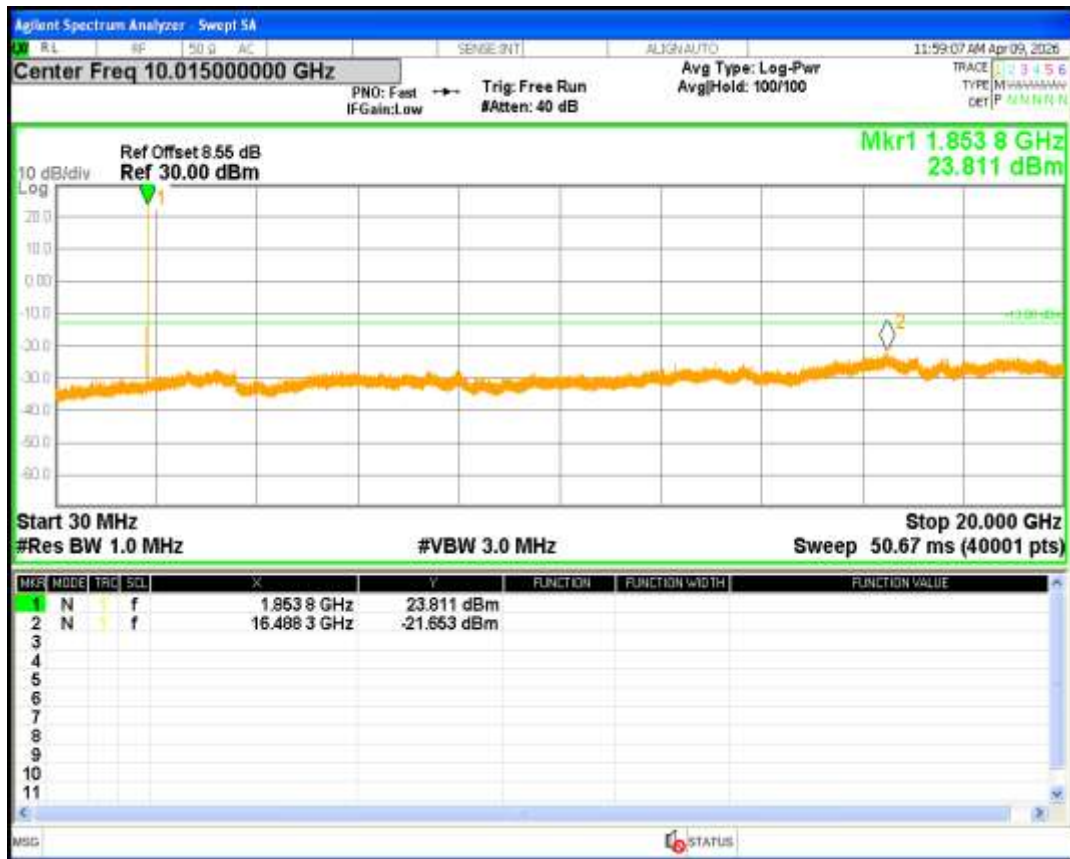
HSDPA Band2 Subtest1 Channel=9400



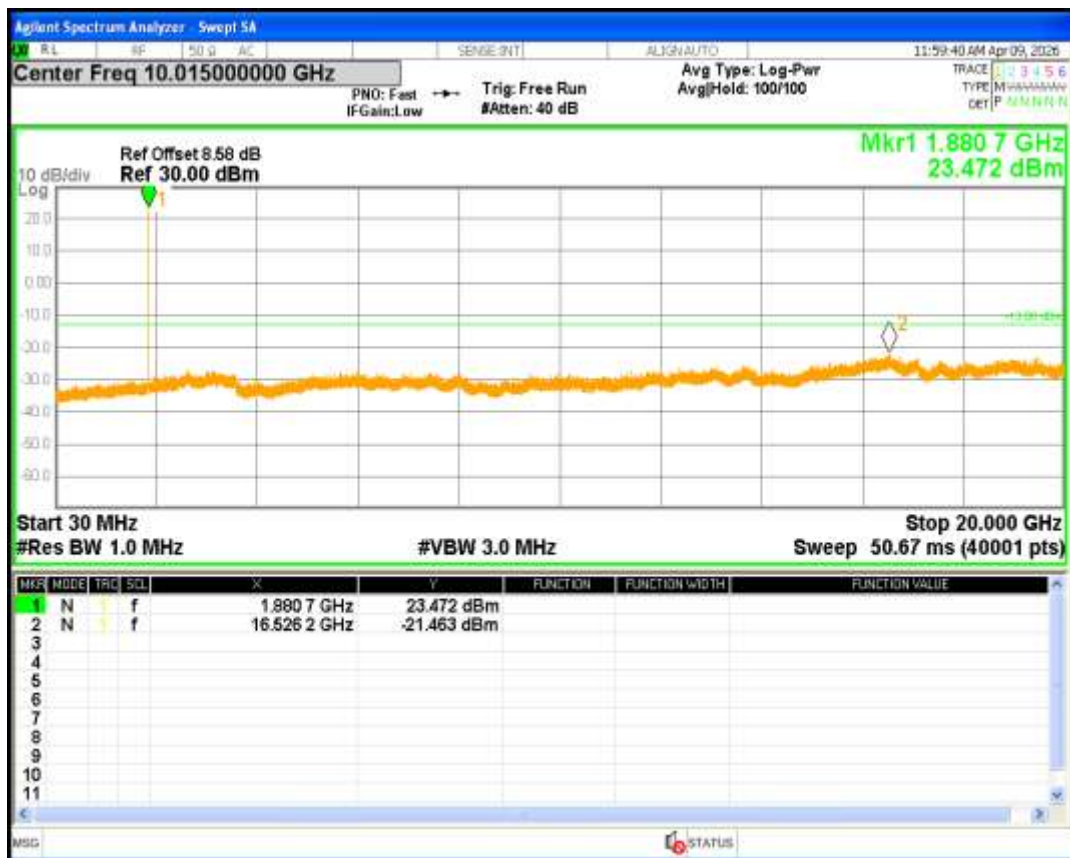
HSDPA Band2 Subtest1 Channel=9538



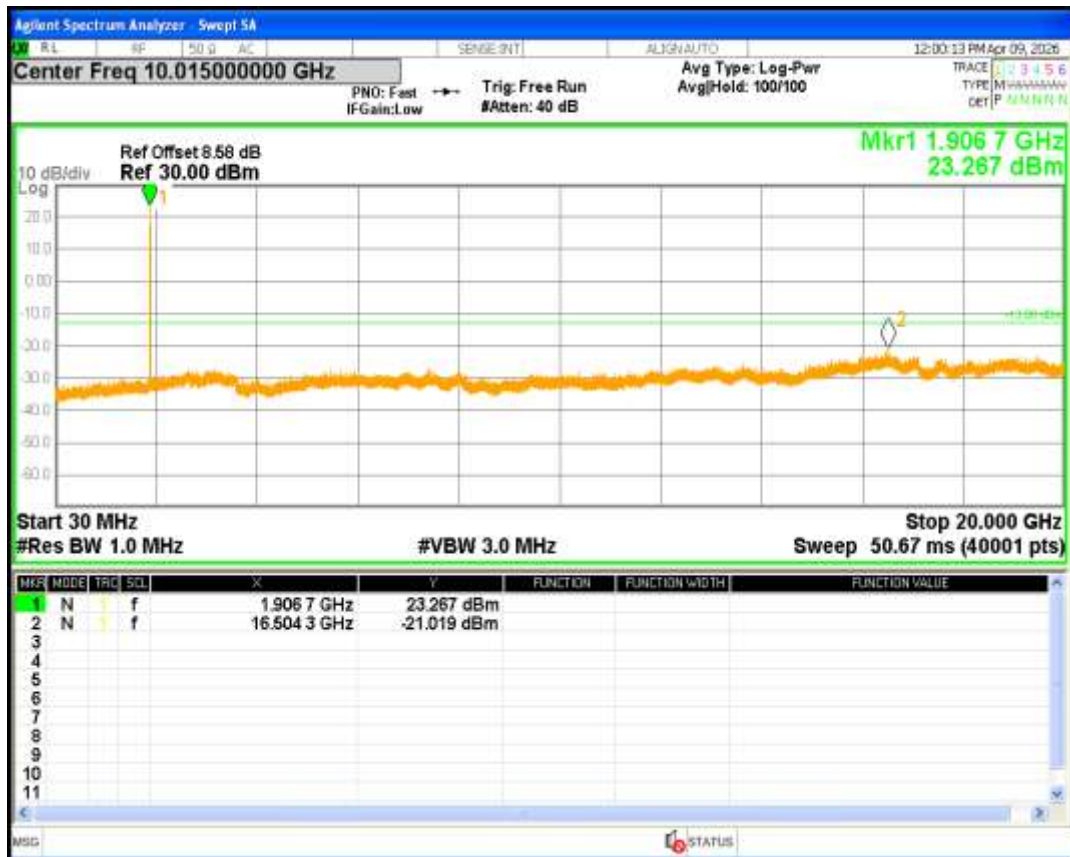
HSUPA Band2 Subtest1 Channel=9262



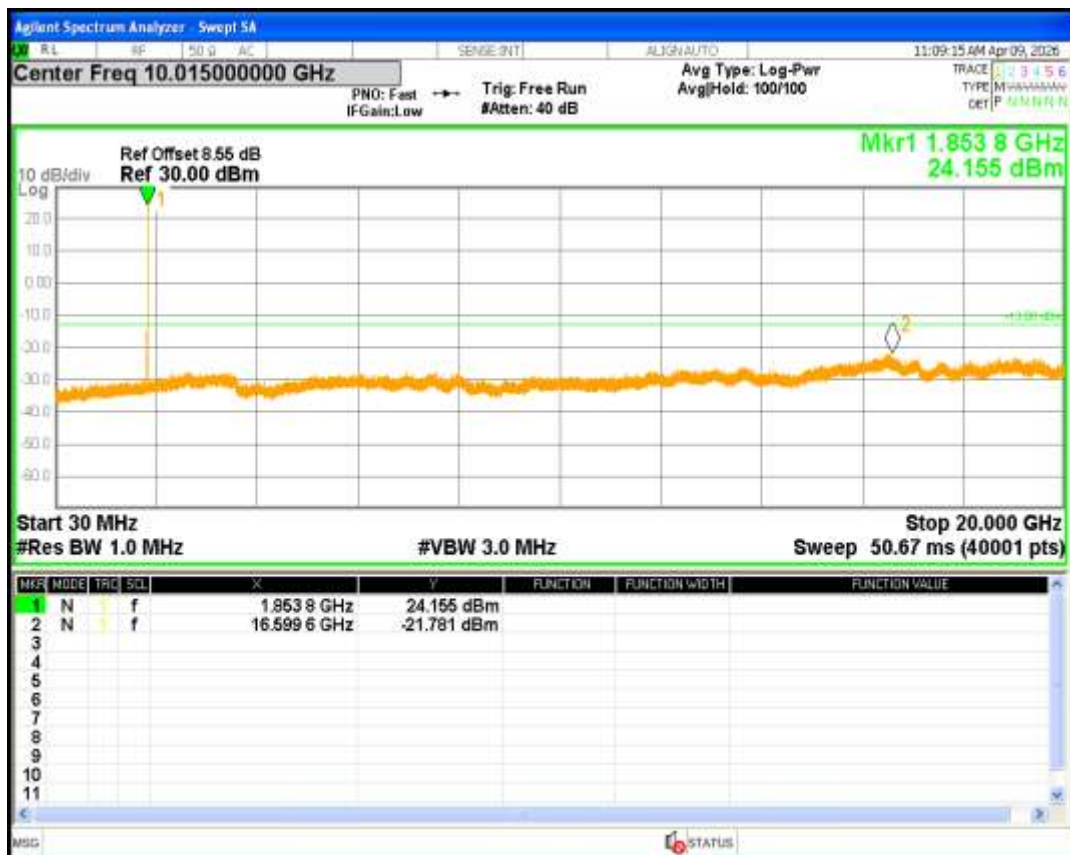
HSUPA Band2 Subtest1 Channel=9400



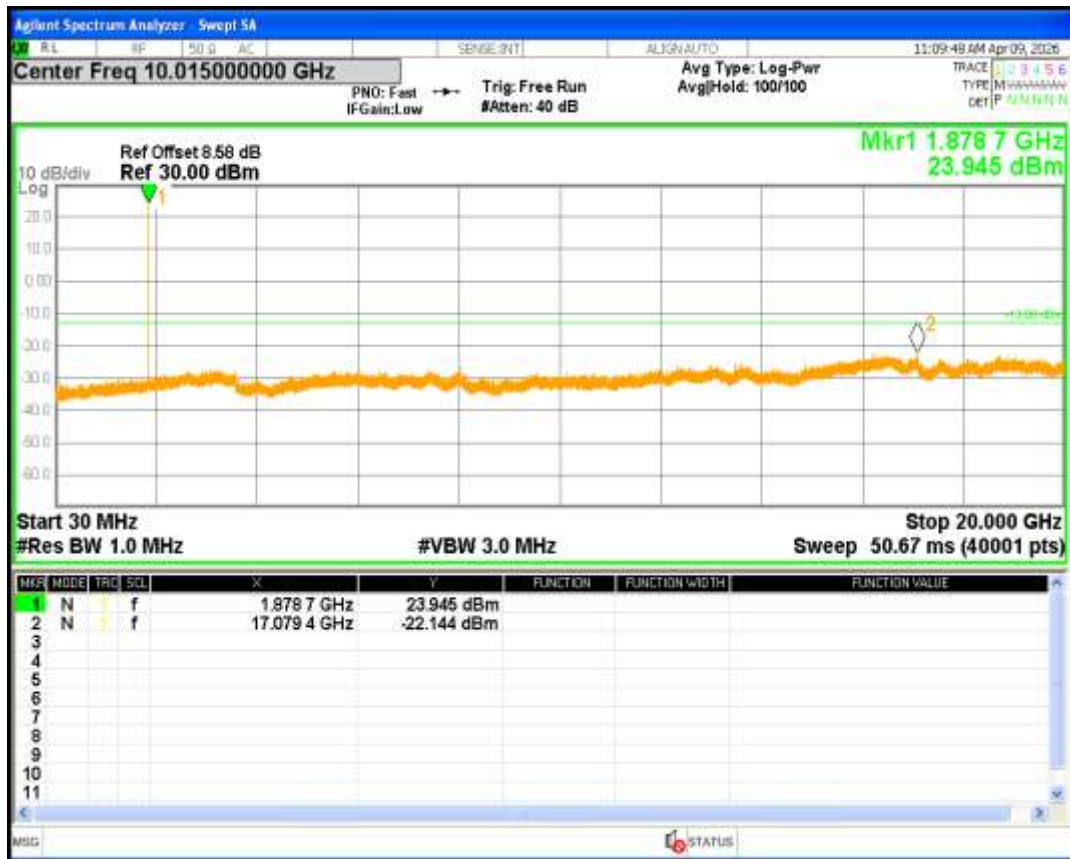
HSUPA Band2 Subtest1 Channel=9538



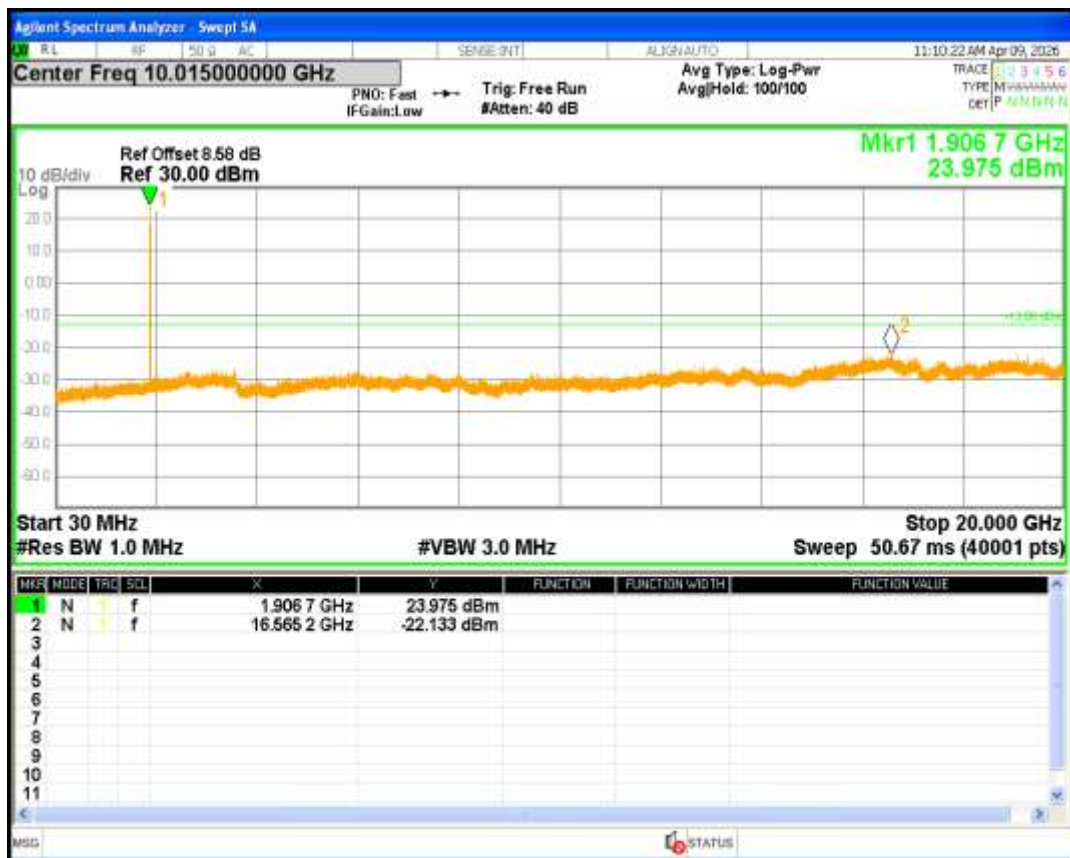
WCDMA Band2 Channel=9262



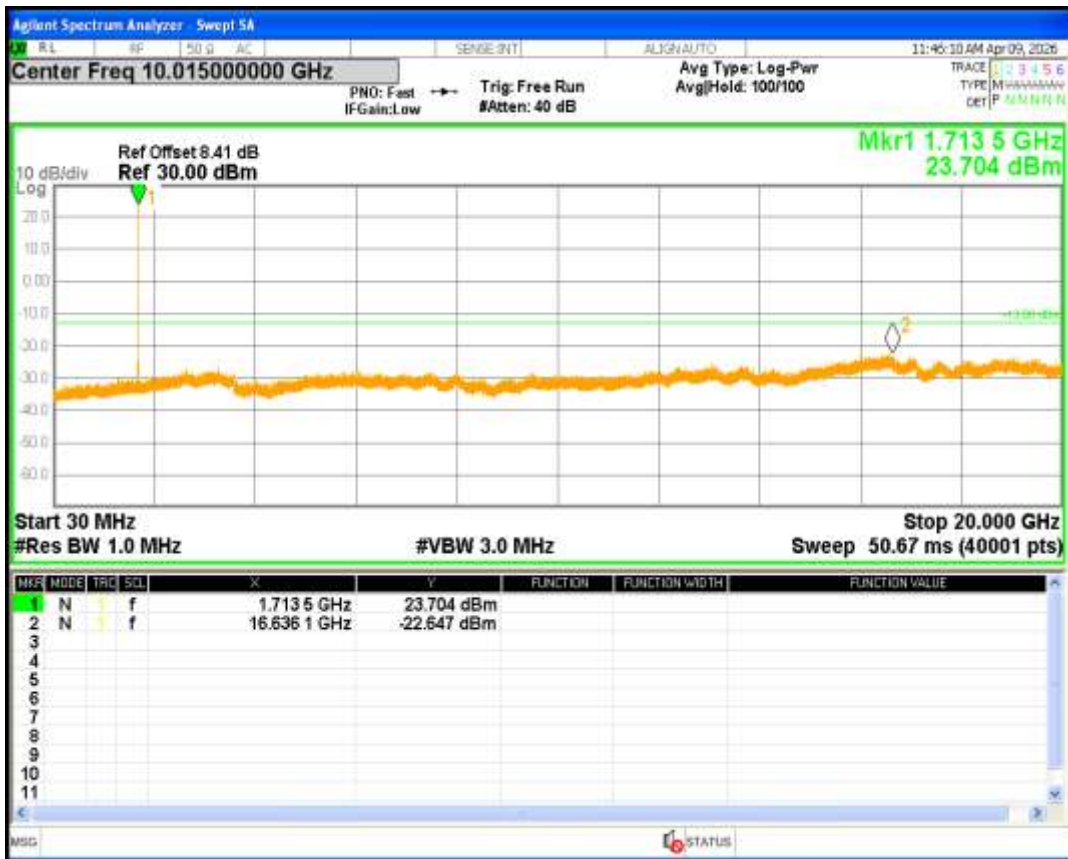
WCDMA Band2 Channel=9400



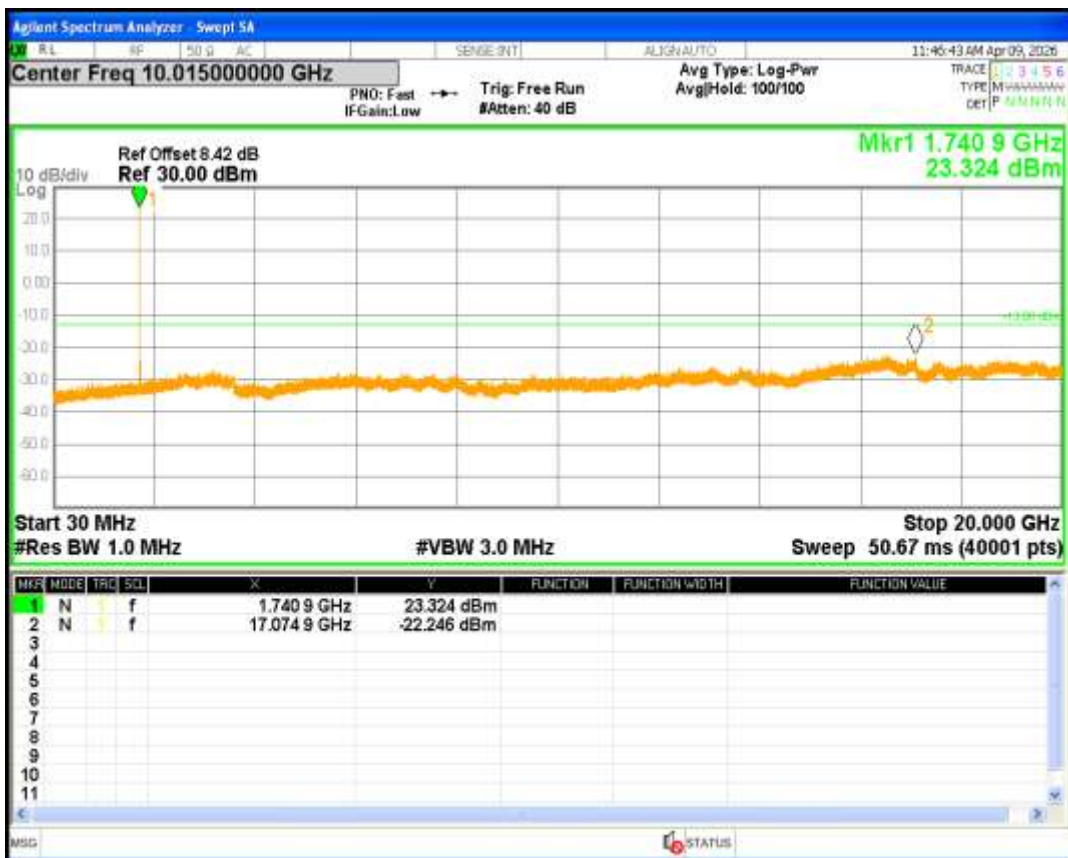
WCDMA Band2 Channel=9538



HSDPA Band4 Subtest1 Channel=1312



HSDPA Band4 Subtest1 Channel=1450



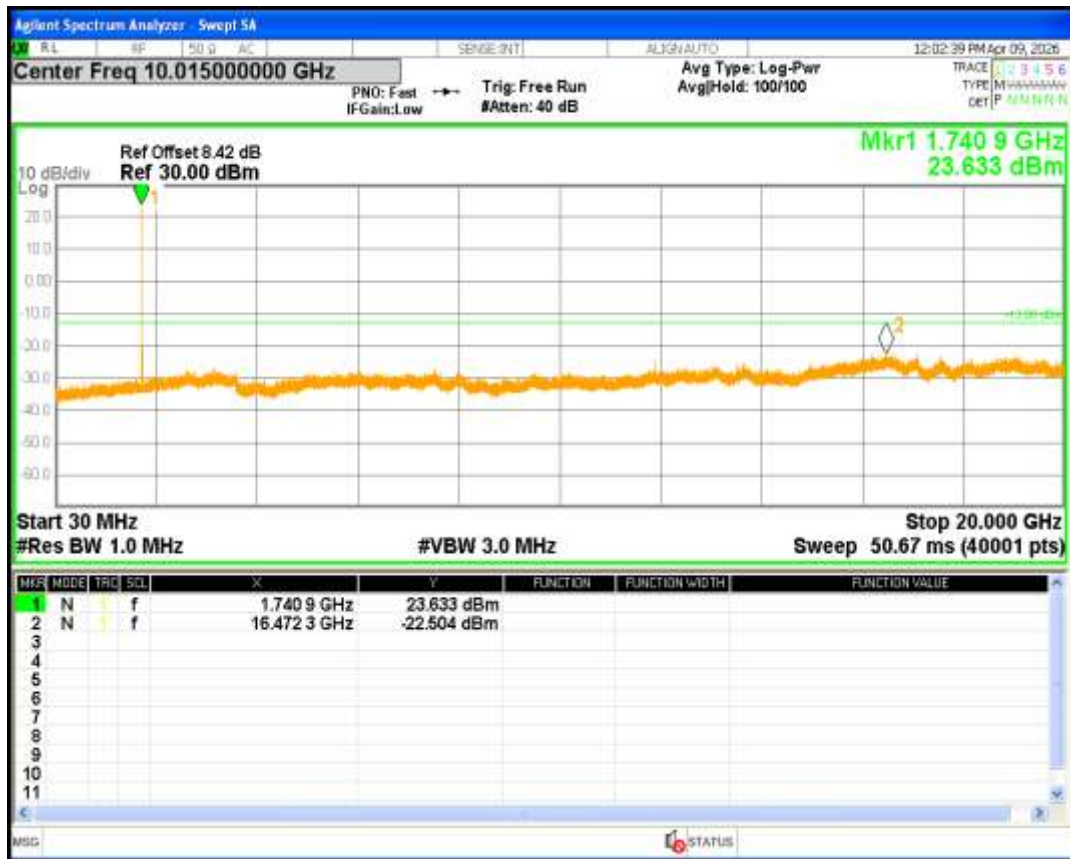
HSDPA Band4 Subtest1 Channel=1513



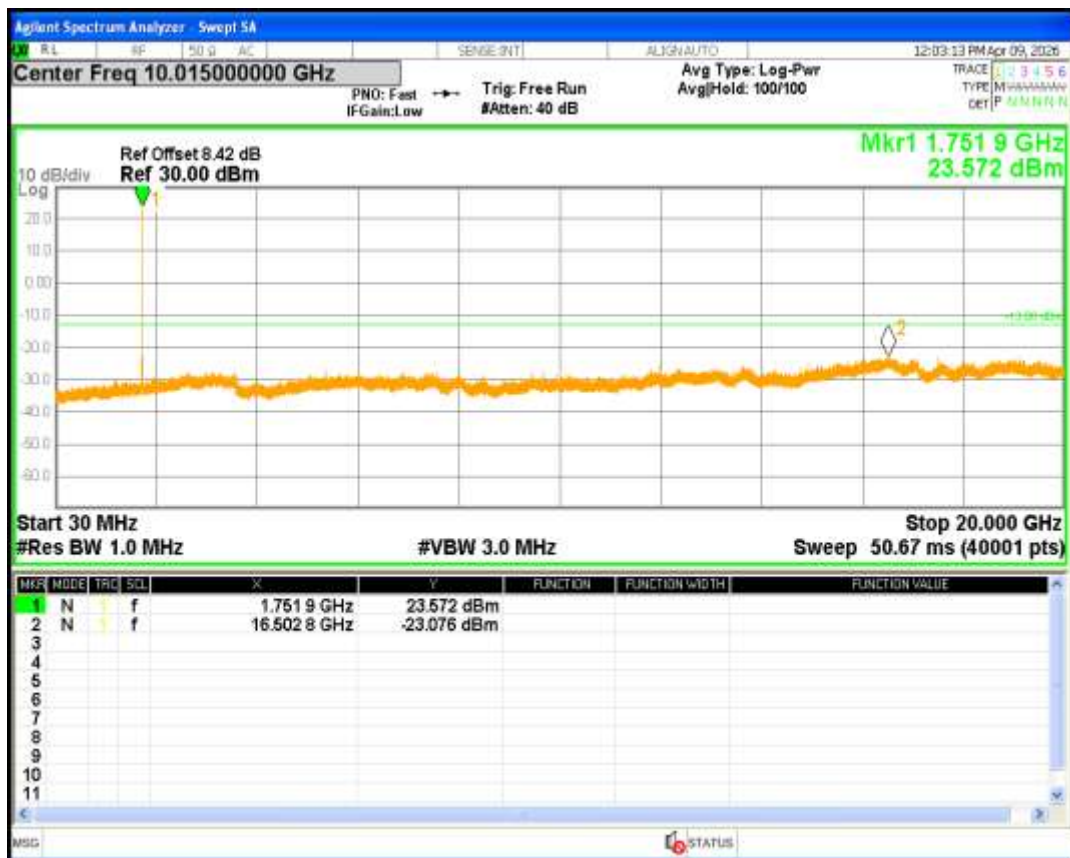
HSUPA Band4 Subtest1 Channel=1312



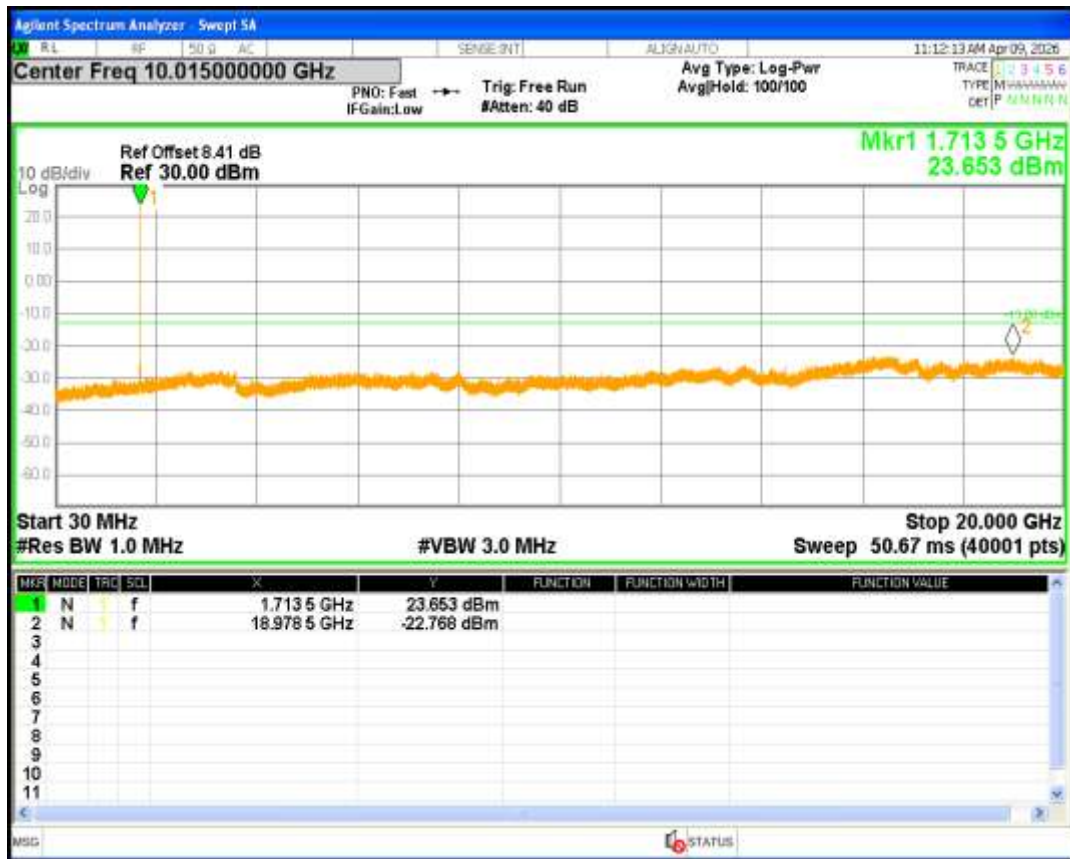
HSUPA Band4 Subtest1 Channel=1450



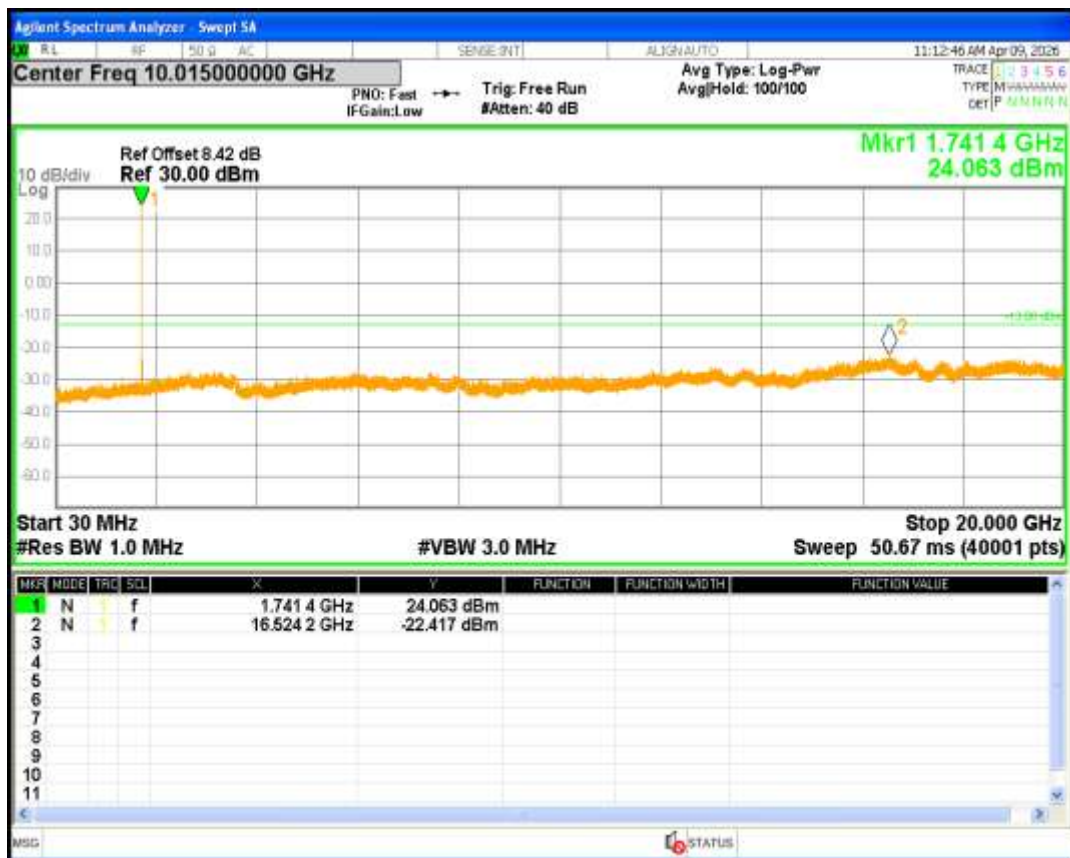
HSUPA Band4 Subtest1 Channel=1513



WCDMA Band4 Channel=1312



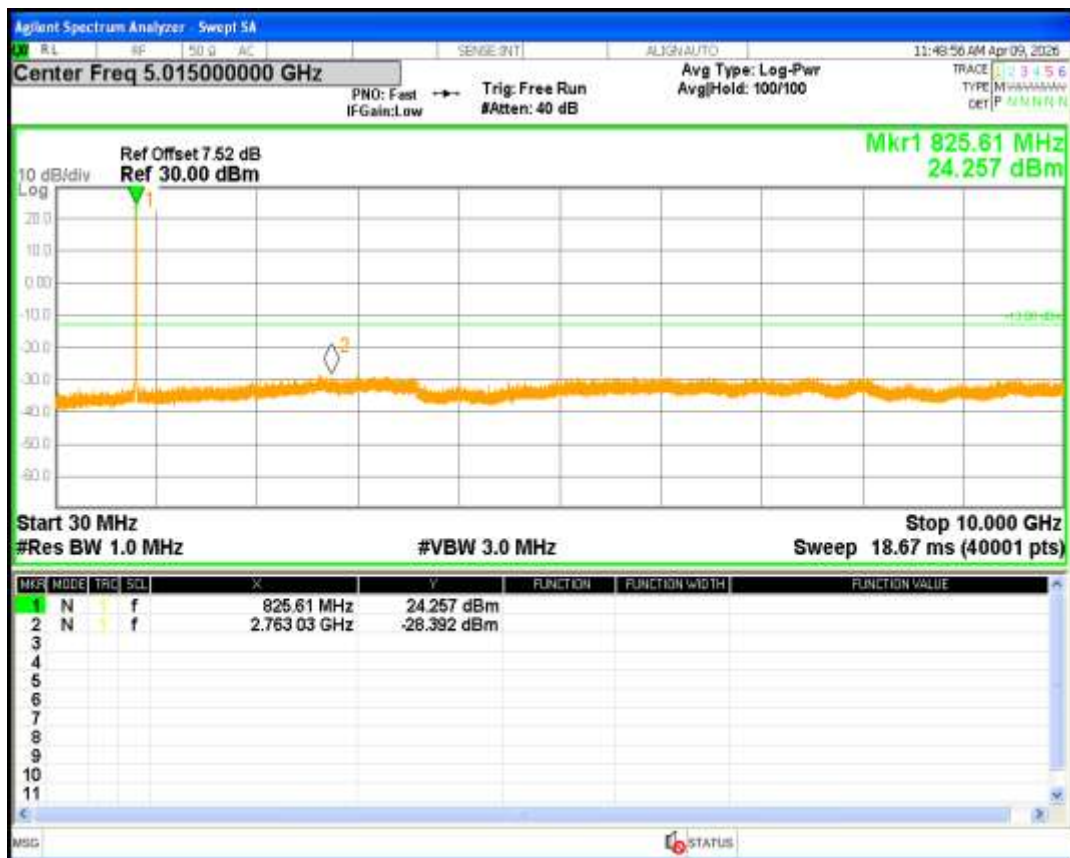
WCDMA Band4 Channel=1450



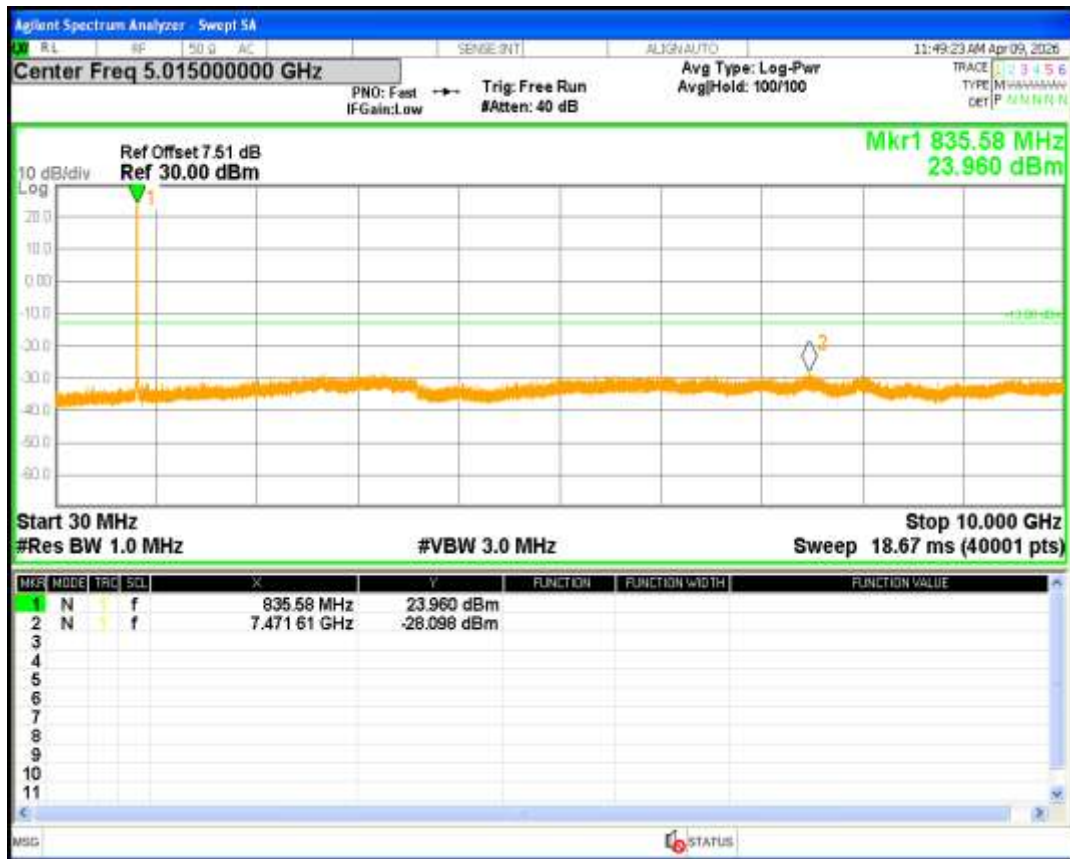
WCDMA Band4 Channel=1513



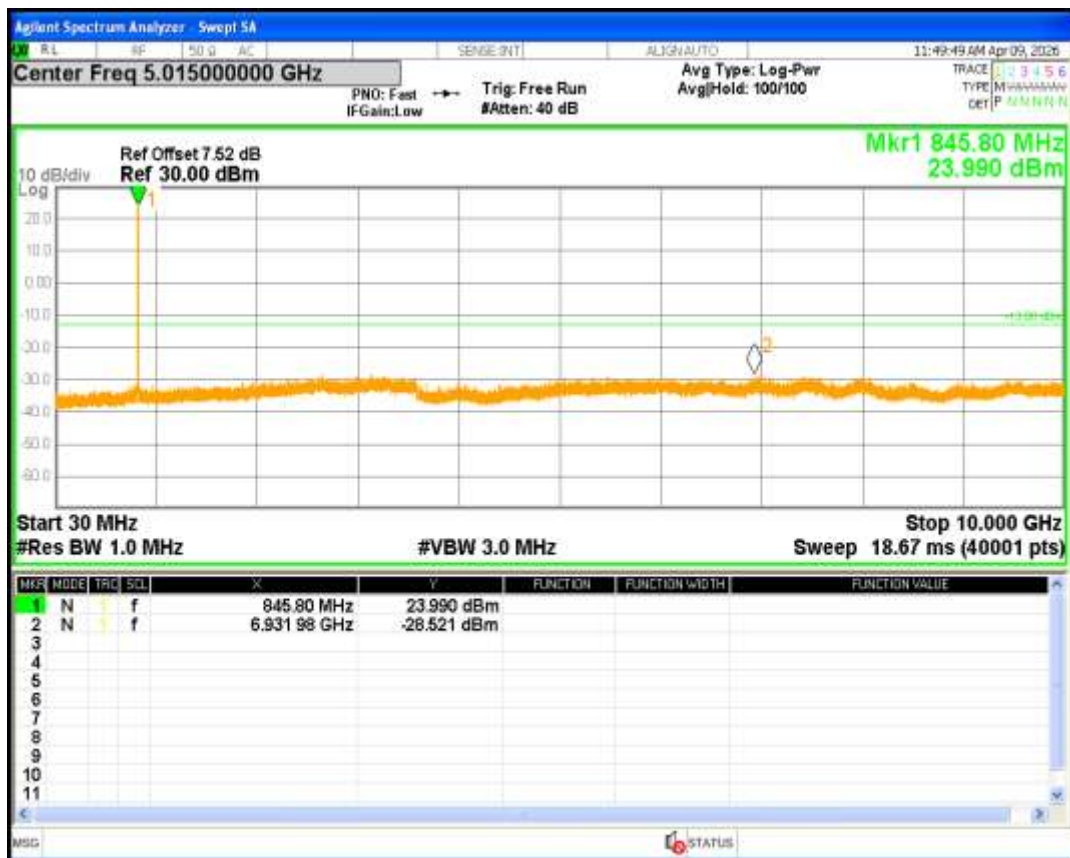
HSDPA Band5 Subtest1 Channel=4132



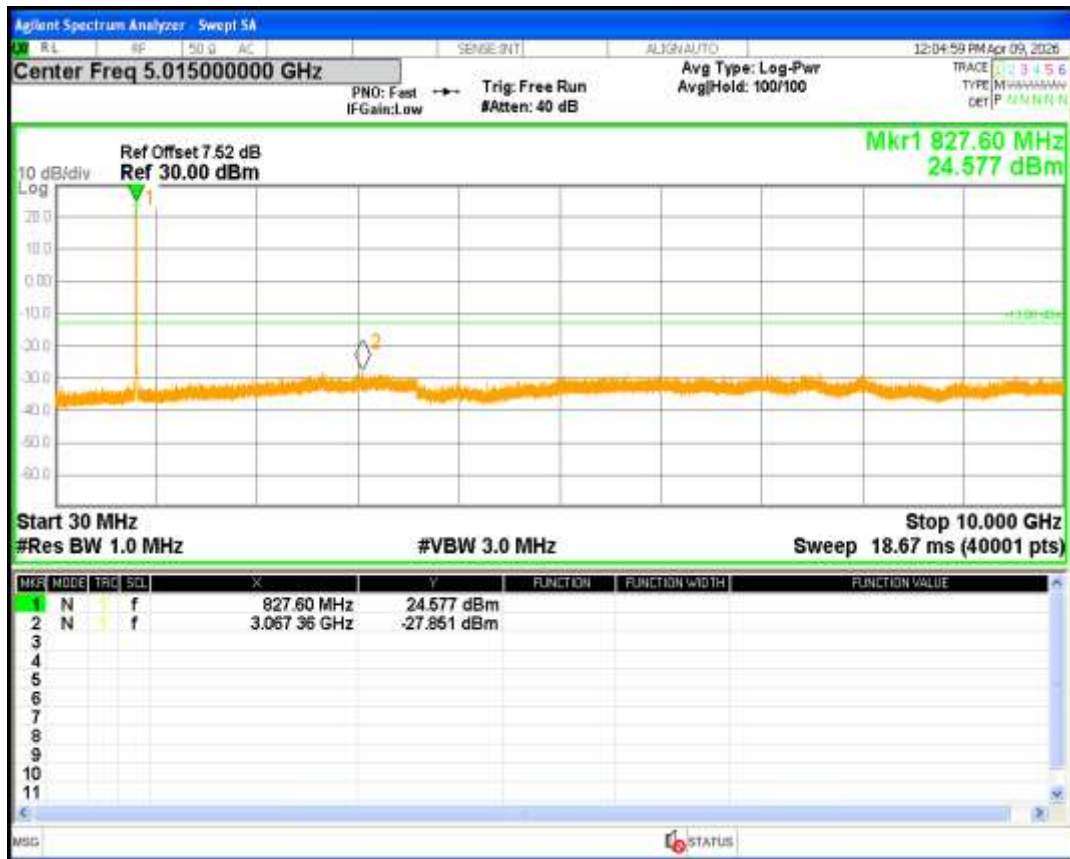
HSDPA Band5 Subtest1 Channel=4182



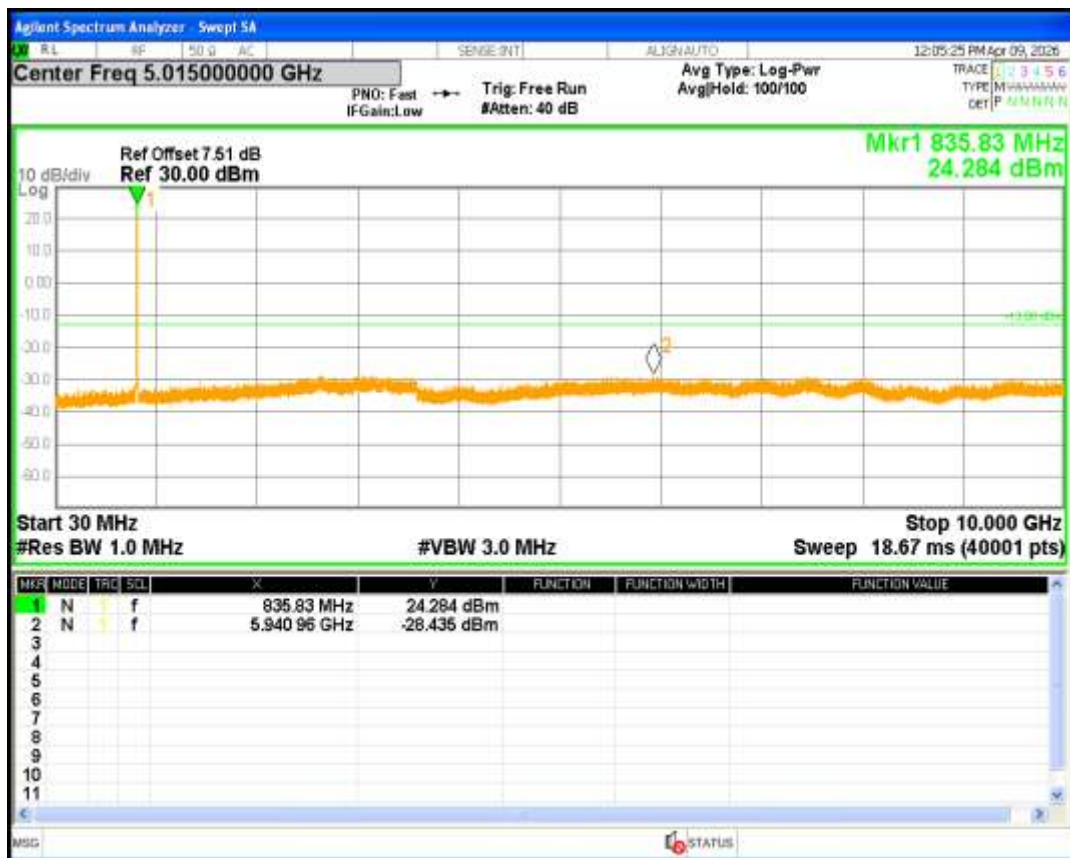
HSDPA Band5 Subtest1 Channel=4233



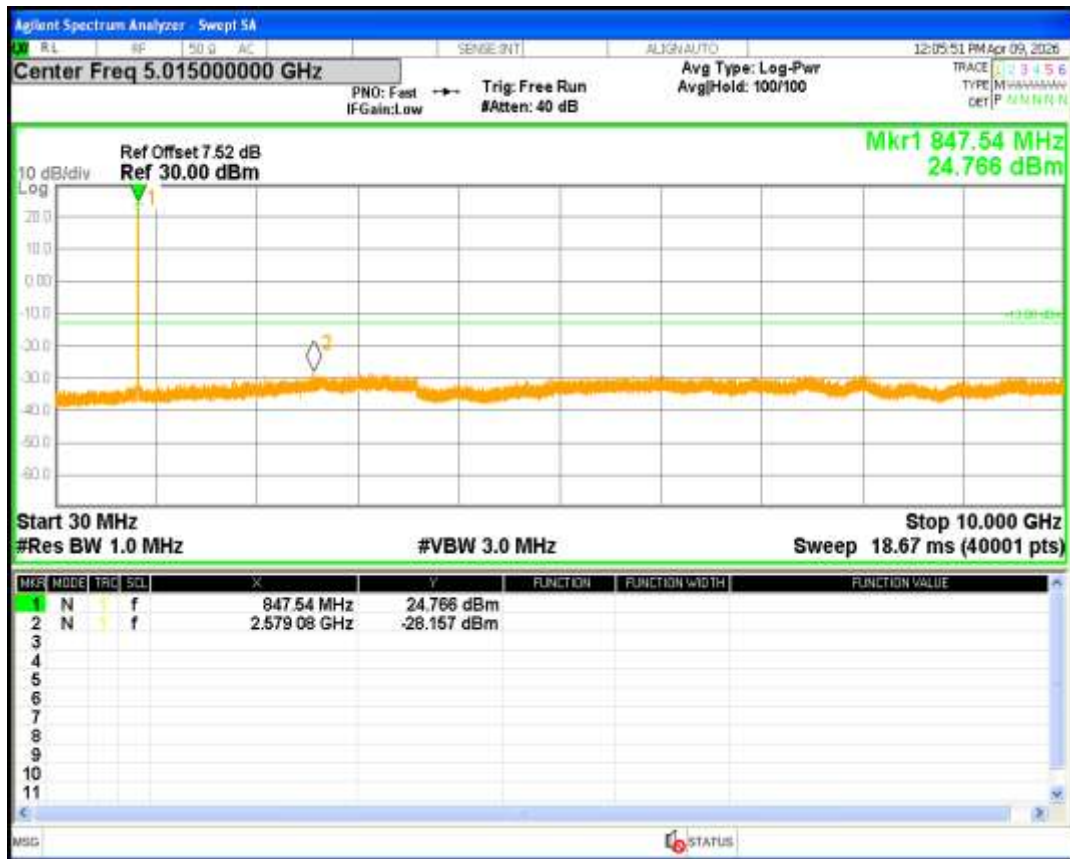
HSUPA Band5 Subtest1 Channel=4132



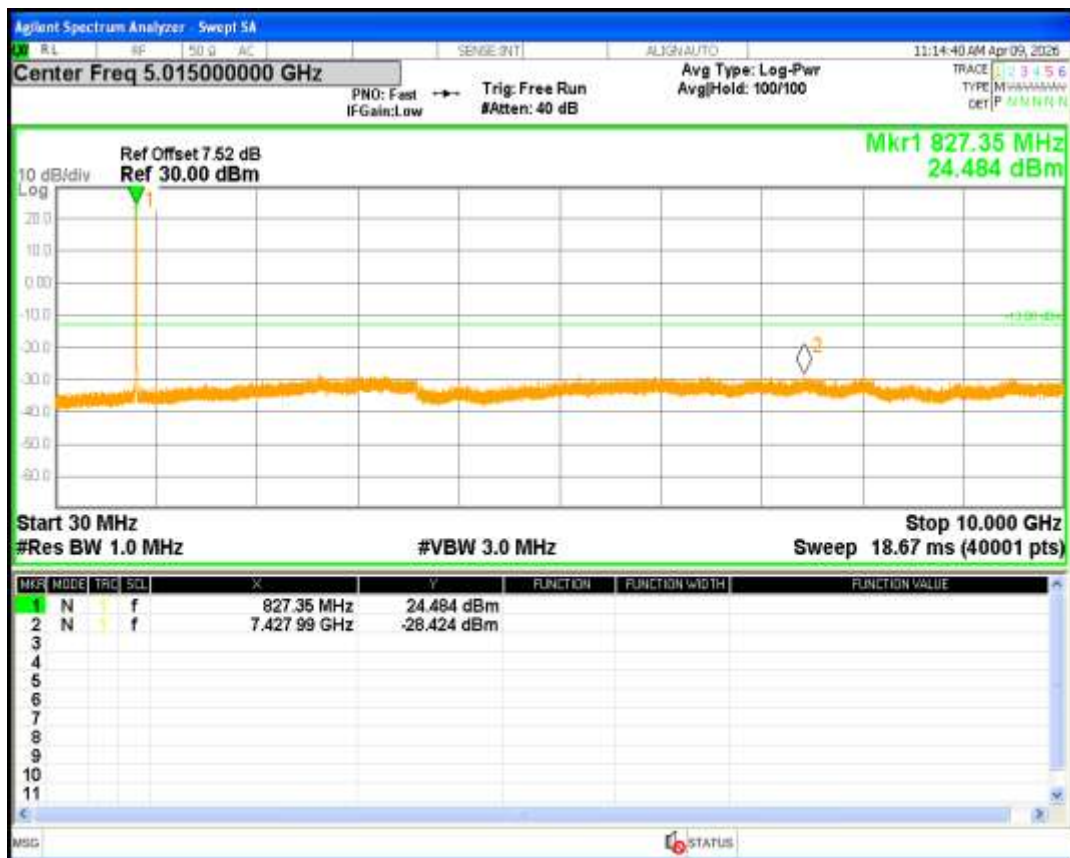
HSUPA Band5 Subtest1 Channel=4182



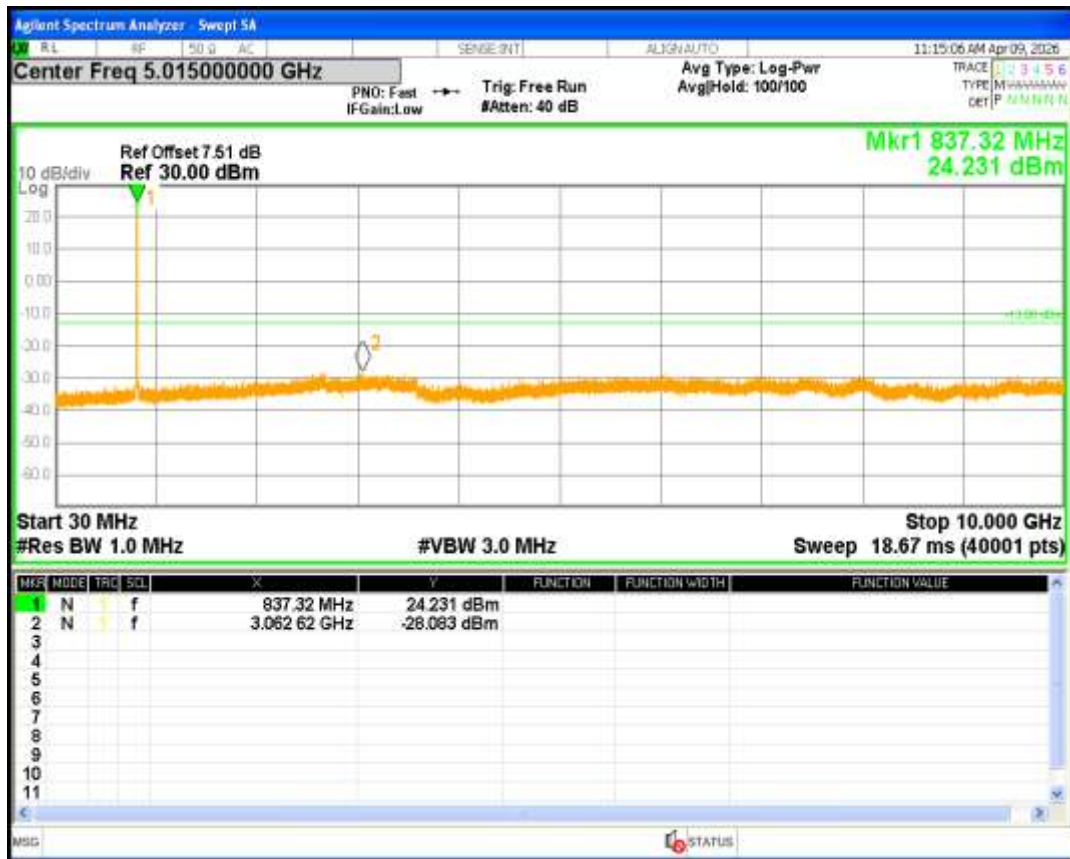
HSUPA Band5 Subtest1 Channel=4233



WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4182



WCDMA Band5 Channel=4233

