

### 01 Conducted output power

| Band        | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|-------------|---------|-----------------|-------------|---------|
| WCDMA Band2 | 9262    | 1852.4          | 23.99       | PASS    |
| WCDMA Band2 | 9400    | 1880            | 23.98       | PASS    |
| WCDMA Band2 | 9538    | 1907.6          | 23.82       | PASS    |
| WCDMA Band4 | 1312    | 1712.4          | 23.98       | PASS    |
| WCDMA Band4 | 1413    | 1732.6          | 23.74       | PASS    |
| WCDMA Band4 | 1513    | 1752.6          | 23.80       | PASS    |
| WCDMA Band5 | 4132    | 826.4           | 23.53       | PASS    |
| WCDMA Band5 | 4182    | 836.4           | 23.47       | PASS    |
| WCDMA Band5 | 4233    | 846.6           | 23.56       | PASS    |
| GSM1900     | 512     | 1850.2          | 29.63       | PASS    |
| GSM1900     | 661     | 1880            | 29.64       | PASS    |
| GSM1900     | 810     | 1909.8          | 29.51       | PASS    |
| GSM850      | 128     | 824.2           | 32.45       | PASS    |
| GSM850      | 189     | 836.4           | 32.57       | PASS    |
| GSM850      | 251     | 848.8           | 32.55       | PASS    |

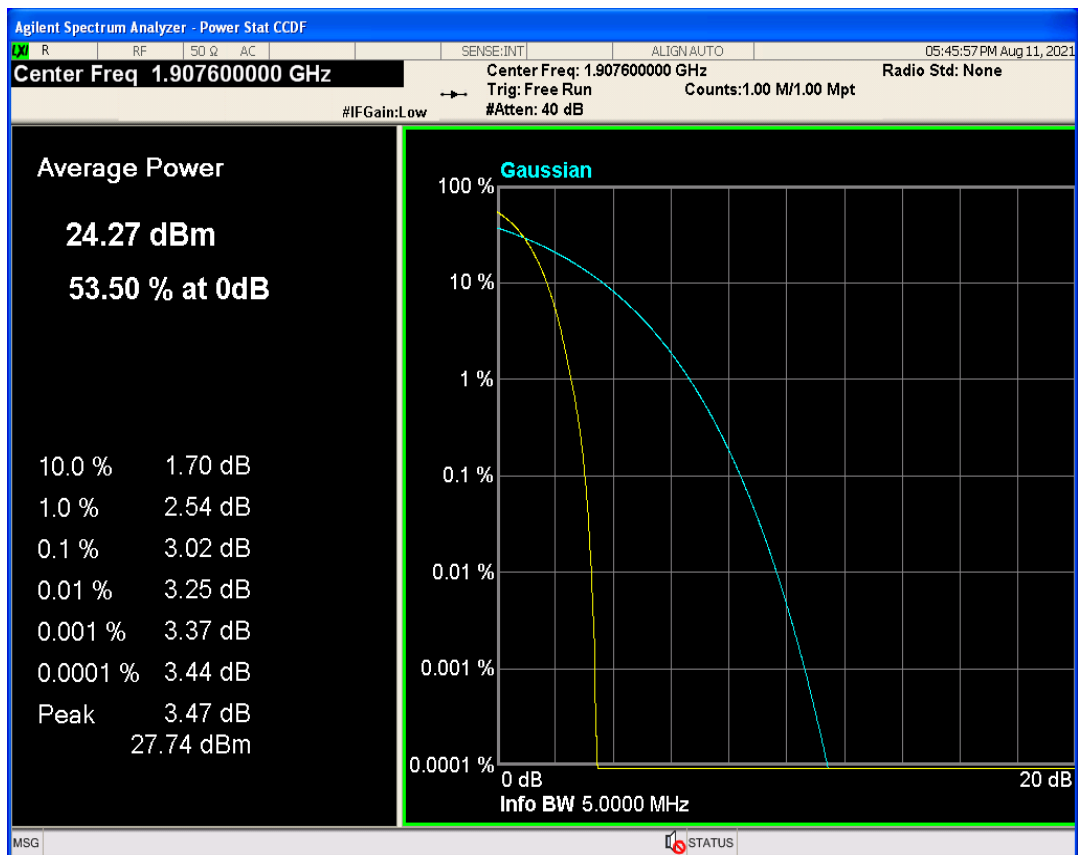
### 03 Peak-to-Average Ratio

| Band        | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-------------|---------|-----------------|-------------|-----------------|---------|
| WCDMA Band2 | 9262    | 1852.4          | 3.06        | 13              | PASS    |
| WCDMA Band2 | 9400    | 1880            | 3.08        | 13              | PASS    |
| WCDMA Band2 | 9538    | 1907.6          | 3.02        | 13              | PASS    |
| WCDMA Band4 | 1312    | 1712.4          | 2.96        | 13              | PASS    |
| WCDMA Band4 | 1413    | 1732.6          | 2.90        | 13              | PASS    |
| WCDMA Band4 | 1513    | 1752.6          | 2.88        | 13              | PASS    |
| WCDMA Band5 | 4132    | 826.4           | 3.16        | 13              | PASS    |
| WCDMA Band5 | 4182    | 836.4           | 3.18        | 13              | PASS    |
| WCDMA Band5 | 4233    | 846.6           | 2.94        | 13              | PASS    |
| GSM1900     | 512     | 1850.2          | 2.63        | 13              | PASS    |
| GSM1900     | 661     | 1880            | 2.62        | 13              | PASS    |
| GSM1900     | 810     | 1909.8          | 2.63        | 13              | PASS    |
| GSM850      | 128     | 824.2           | 2.62        | 13              | PASS    |
| GSM850      | 189     | 836.4           | 2.62        | 13              | PASS    |
| GSM850      | 251     | 848.8           | 2.62        | 13              | PASS    |

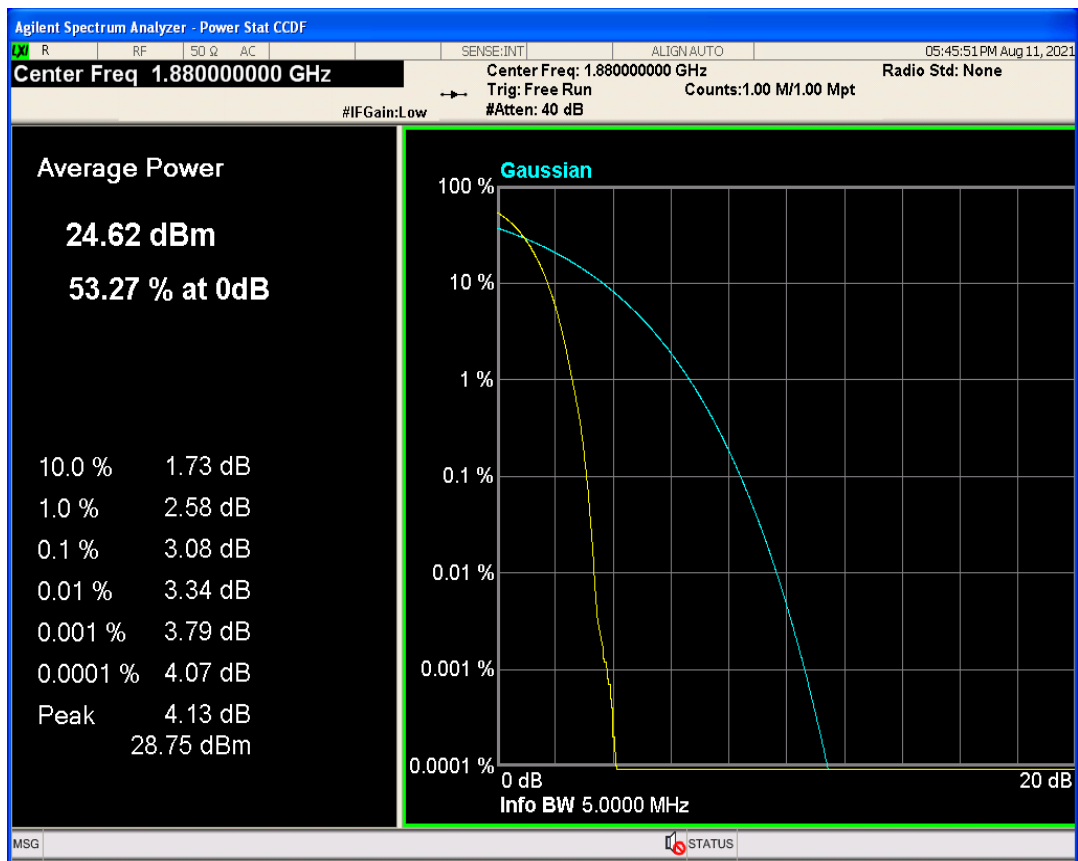
WCDMA Band2 Channel=9262



WCDMA Band2 Channel=9538



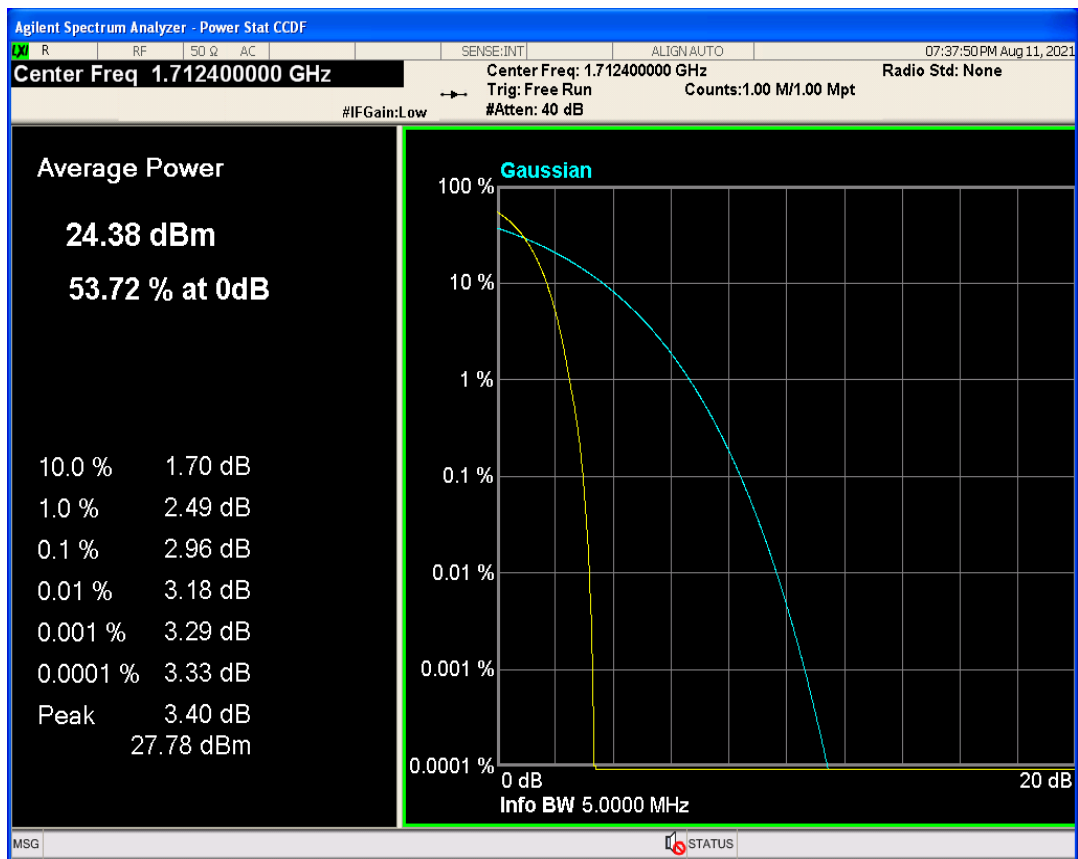
WCDMA Band2 Channel=9400



WCDMA Band4 Channel=1413



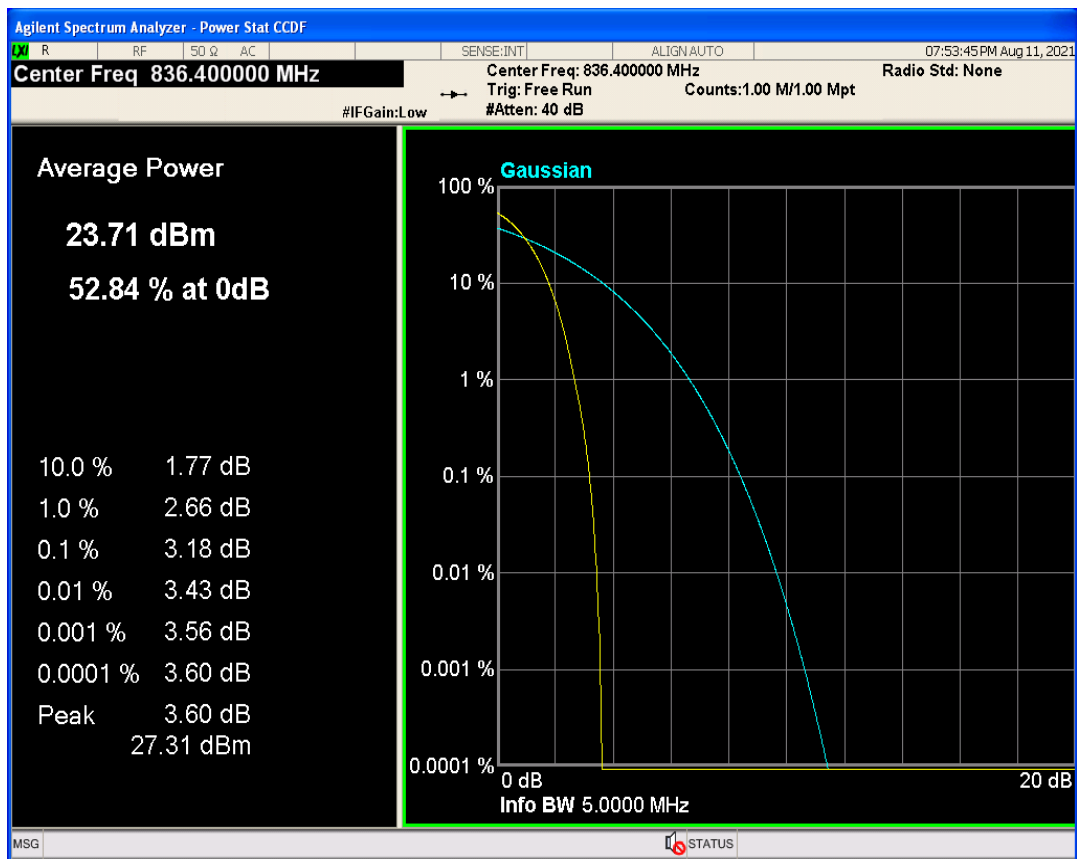
WCDMA Band4 Channel=1312



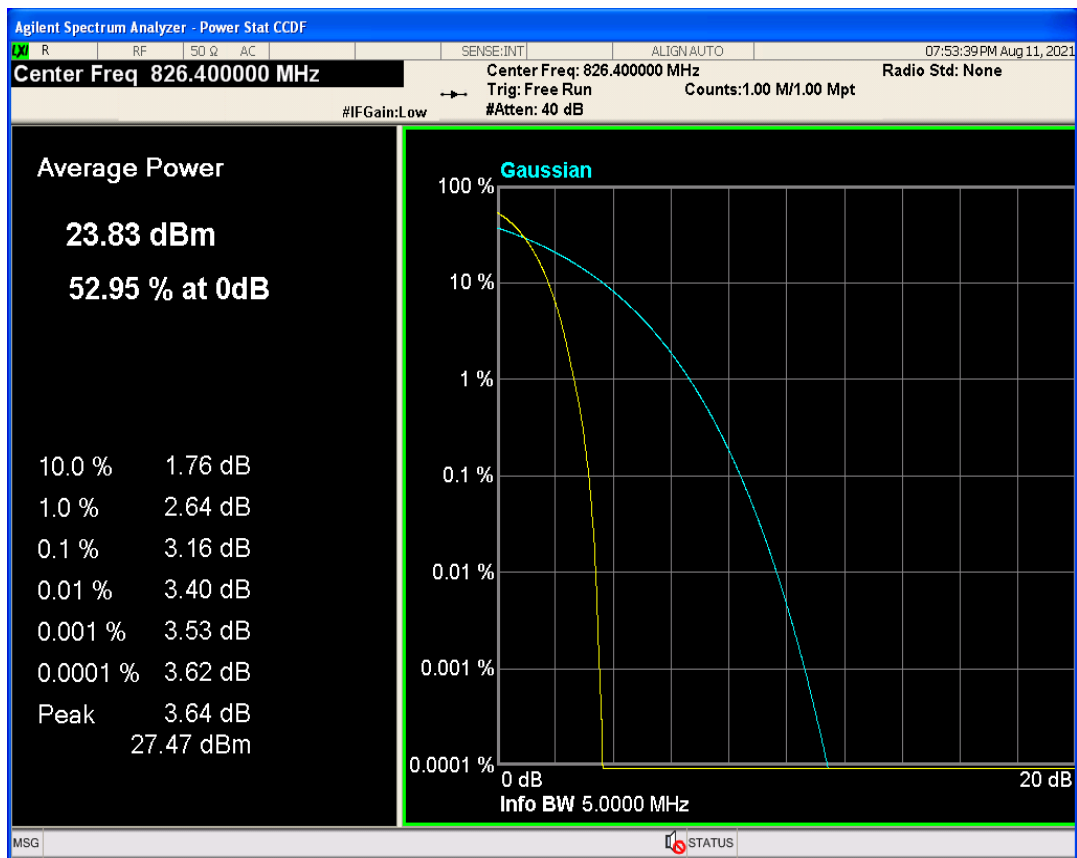
WCDMA Band4 Channel=1513



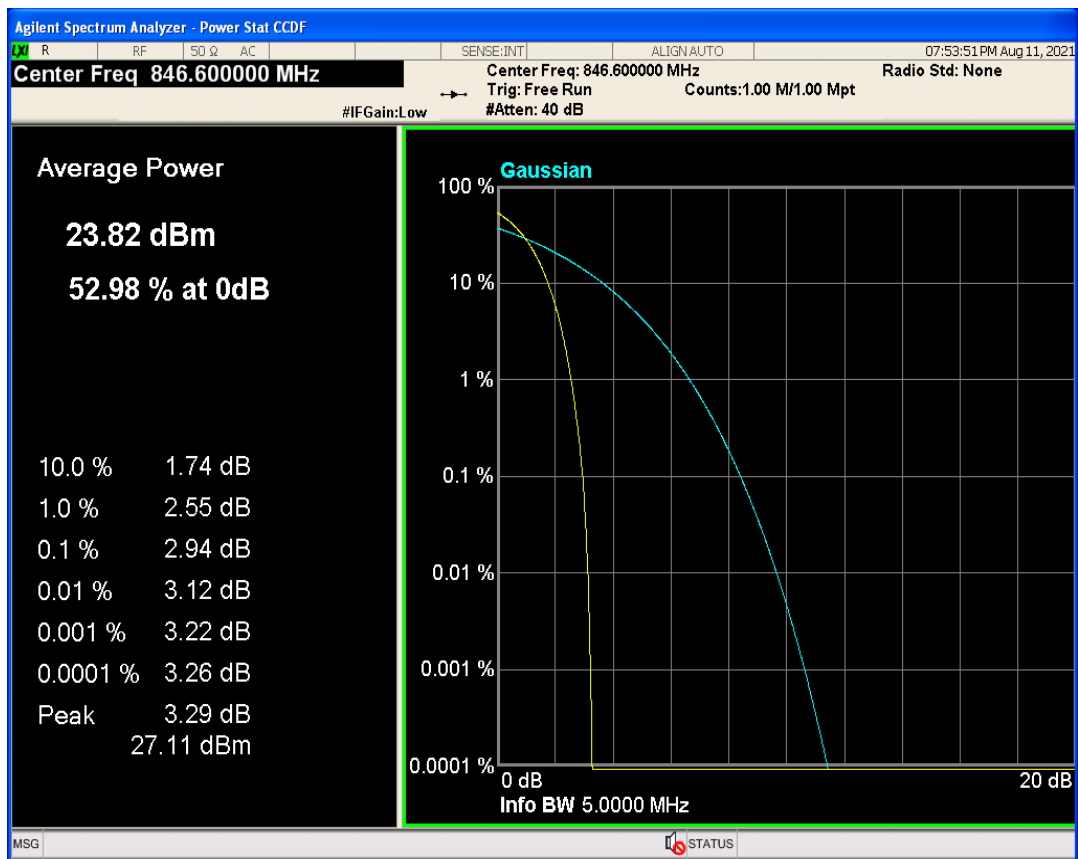
WCDMA Band5 Channel=4182



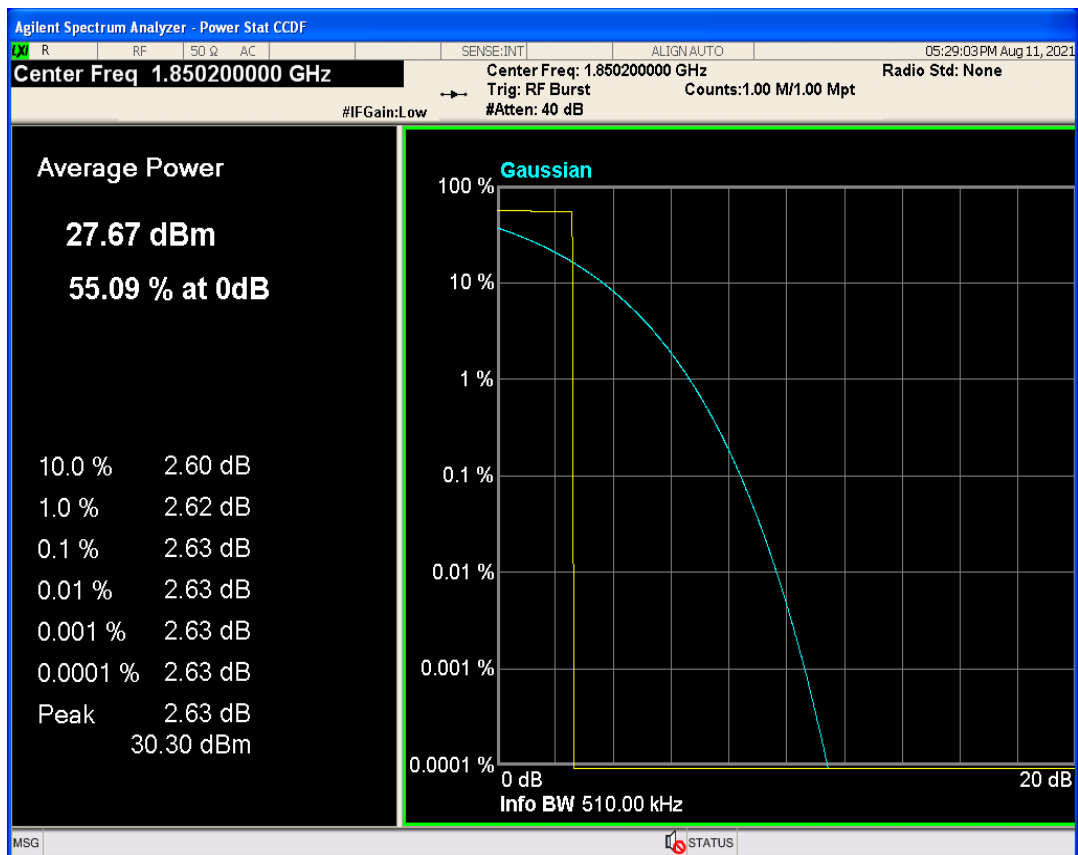
WCDMA Band5 Channel=4132



WCDMA Band5 Channel=4233



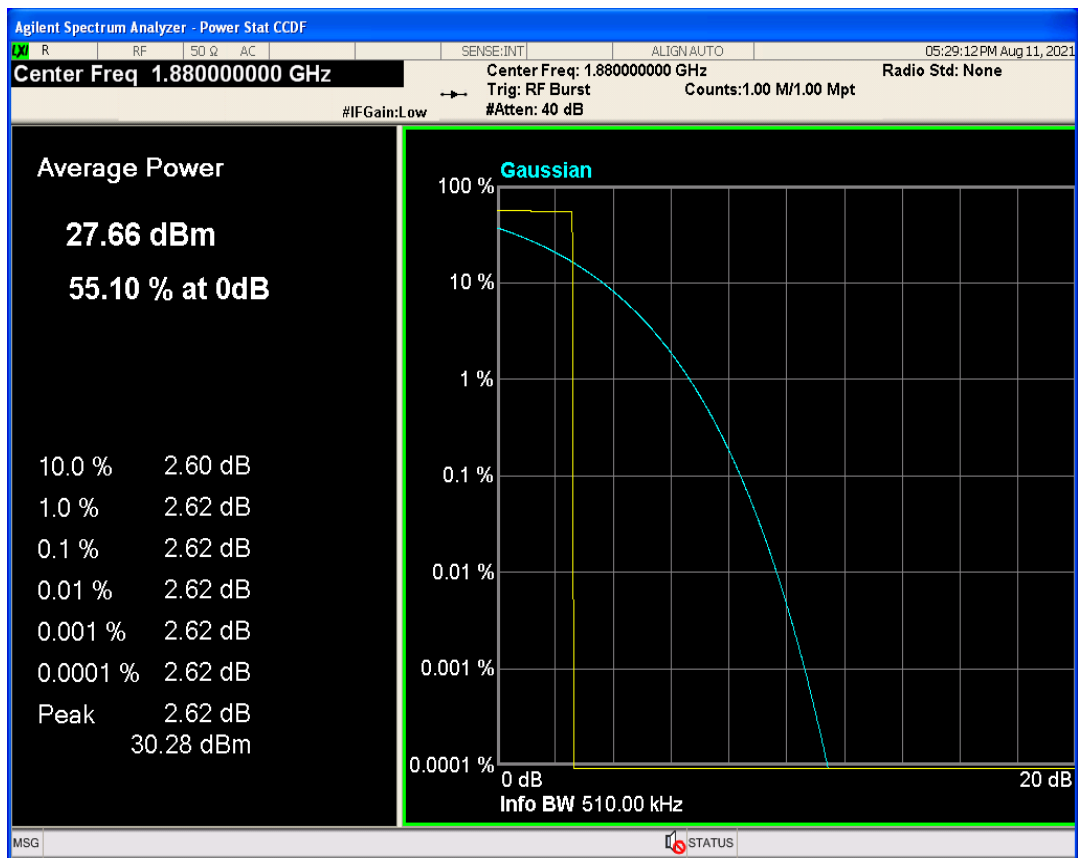
GSM1900 Channel=512



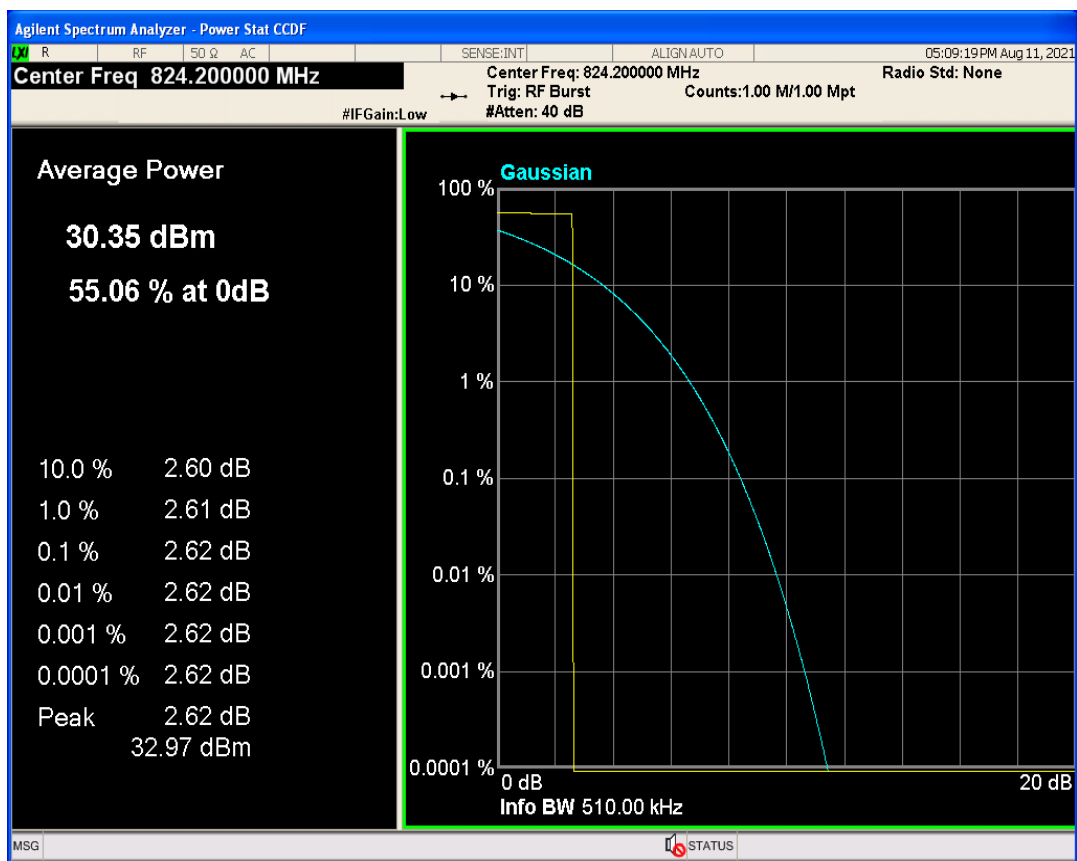
GSM1900 Channel=810



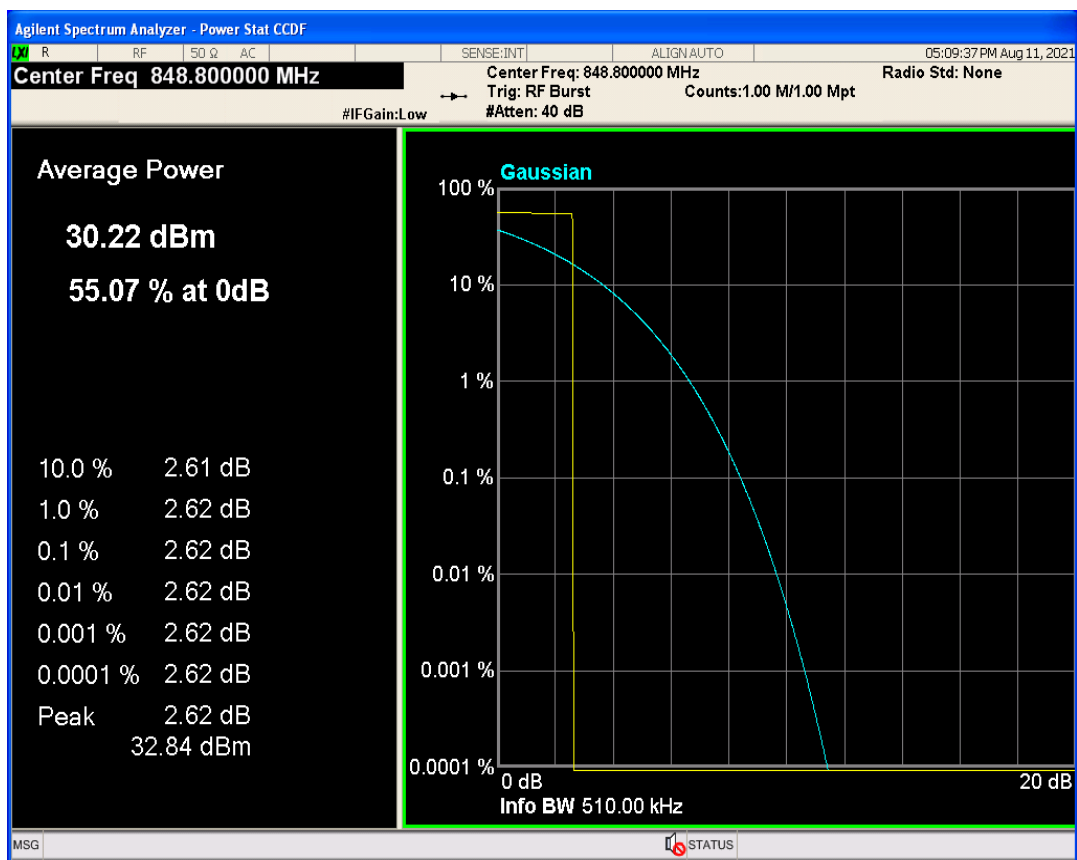
GSM1900 Channel=661



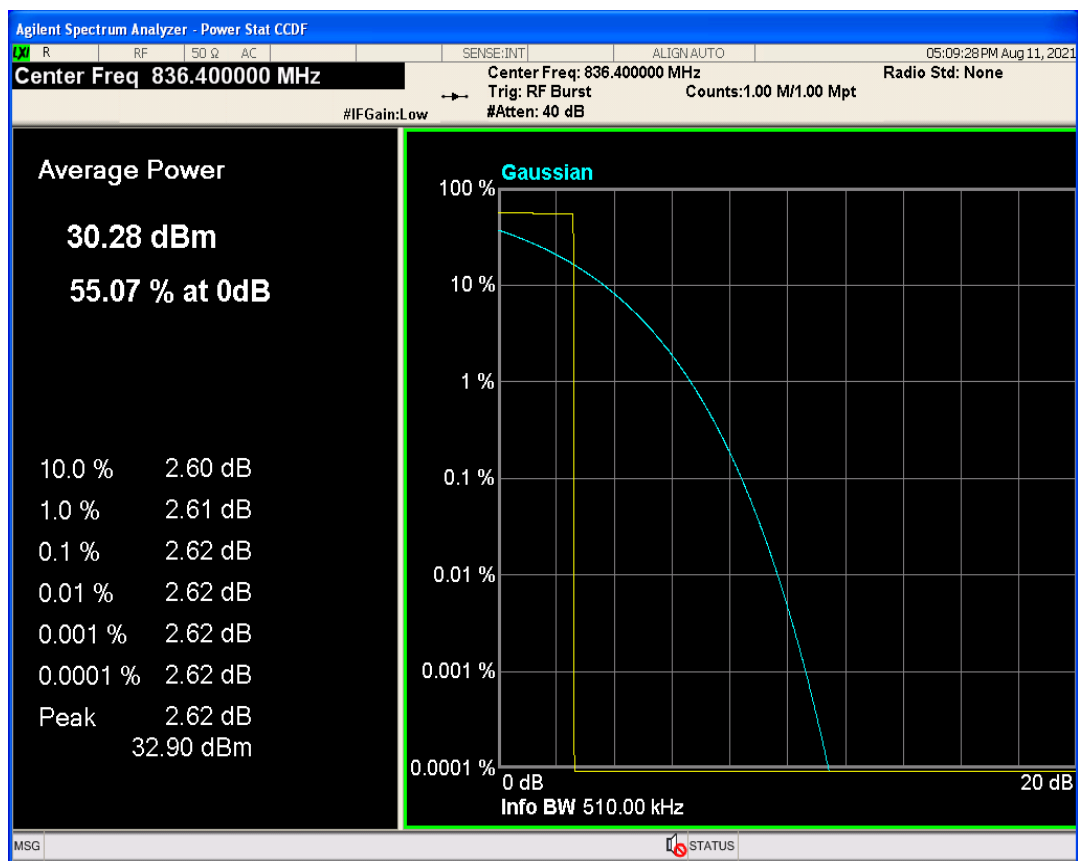
GSM850 Channel=128



GSM850 Channel=251



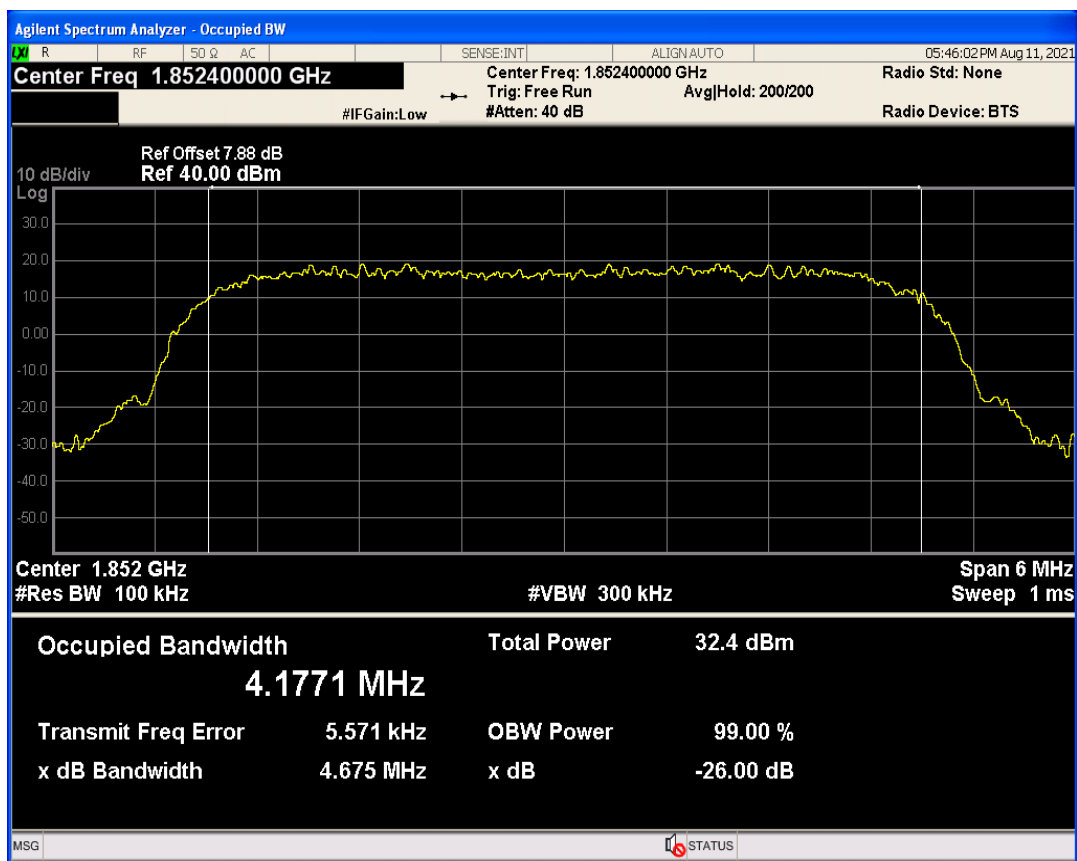
GSM850 Channel=189



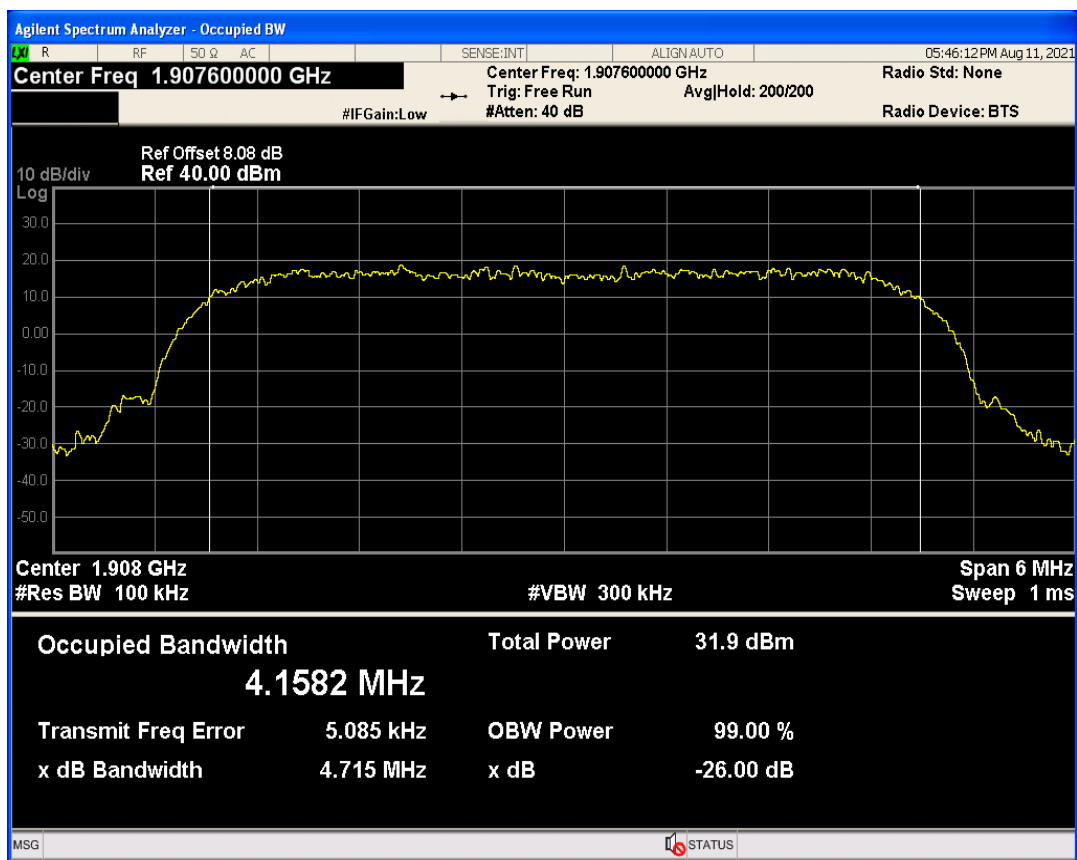
#### 04 Occupied bandwidth

| Band        | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-------------|---------|-----------------|---------------|-----------------|---------|
| WCDMA Band2 | 9262    | 1852.4          | 4177.102      | 4674.815        | PASS    |
| WCDMA Band2 | 9400    | 1880            | 4165.972      | 4699.205        | PASS    |
| WCDMA Band2 | 9538    | 1907.6          | 4158.231      | 4714.946        | PASS    |
| WCDMA Band4 | 1312    | 1712.4          | 4169.051      | 4709.568        | PASS    |
| WCDMA Band4 | 1413    | 1732.6          | 4157.264      | 4701.281        | PASS    |
| WCDMA Band4 | 1513    | 1752.6          | 4174.887      | 4711.003        | PASS    |
| WCDMA Band5 | 4132    | 826.4           | 4152.274      | 4712.447        | PASS    |
| WCDMA Band5 | 4182    | 836.4           | 4165.468      | 4680.578        | PASS    |
| WCDMA Band5 | 4233    | 846.6           | 4168.716      | 4700.067        | PASS    |
| GSM1900     | 512     | 1850.2          | 248.508       | 321.471         | PASS    |
| GSM1900     | 661     | 1880            | 249.189       | 319.466         | PASS    |
| GSM1900     | 810     | 1909.8          | 245.206       | 319.948         | PASS    |
| GSM850      | 128     | 824.2           | 250.183       | 316.876         | PASS    |
| GSM850      | 189     | 836.4           | 239.265       | 316.338         | PASS    |
| GSM850      | 251     | 848.8           | 243.969       | 310.443         | PASS    |

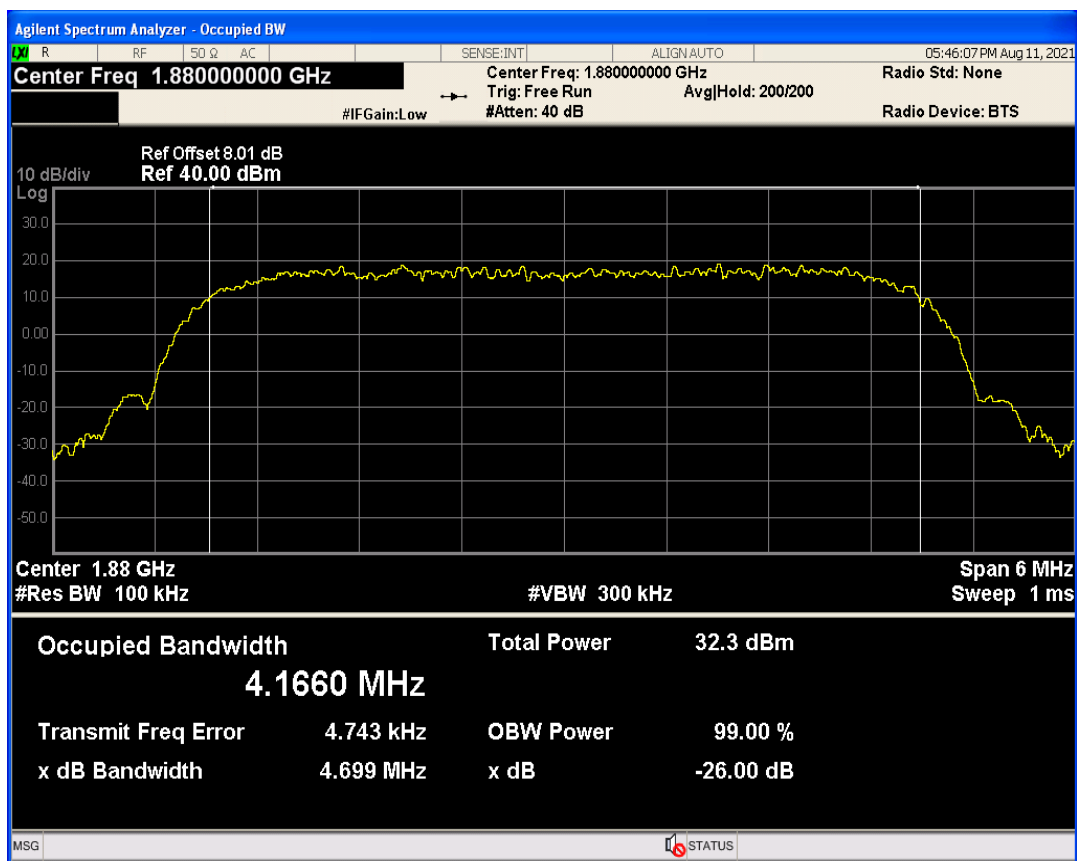
WCDMA Band2 Channel=9262



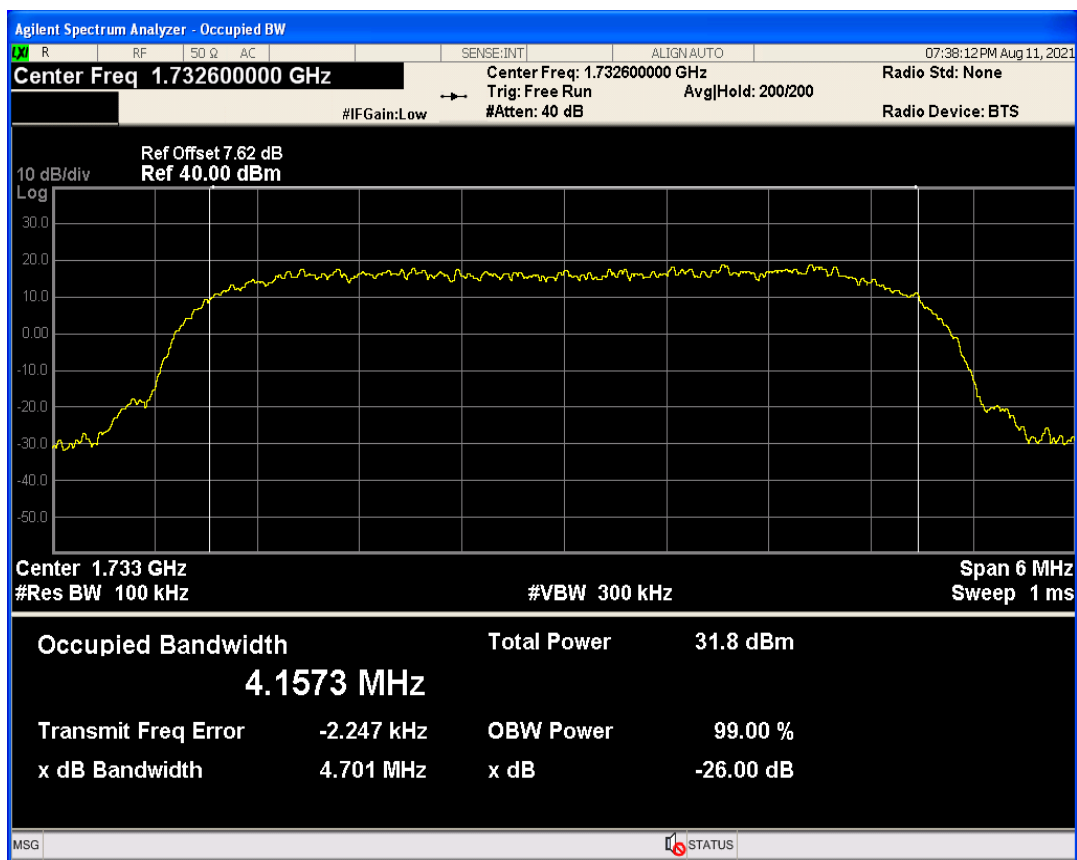
WCDMA Band2 Channel=9538



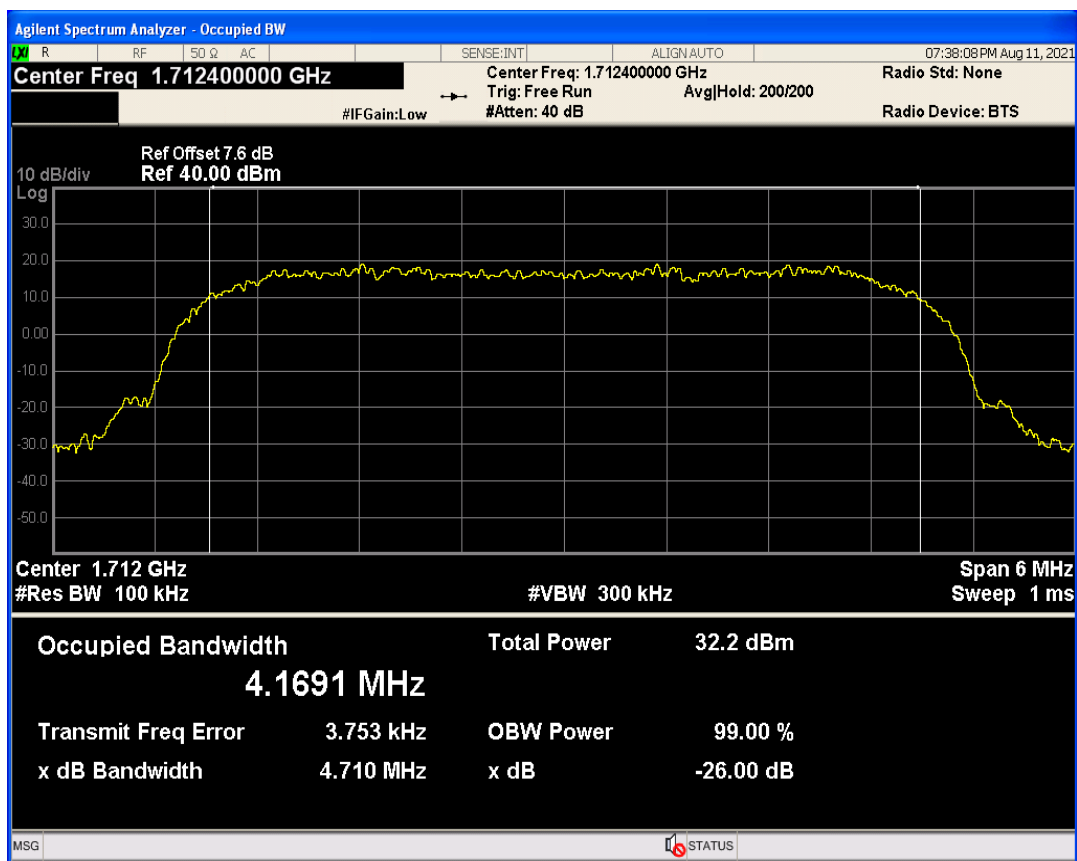
WCDMA Band2 Channel=9400



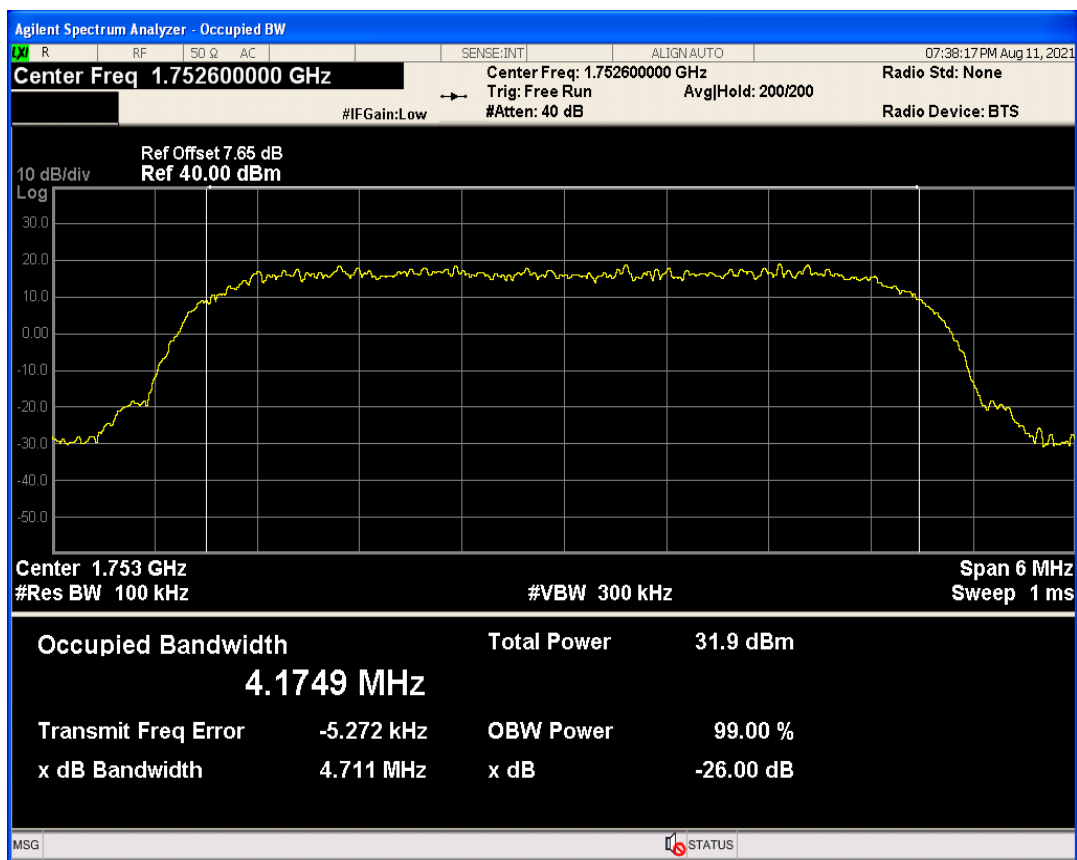
WCDMA Band4 Channel=1413



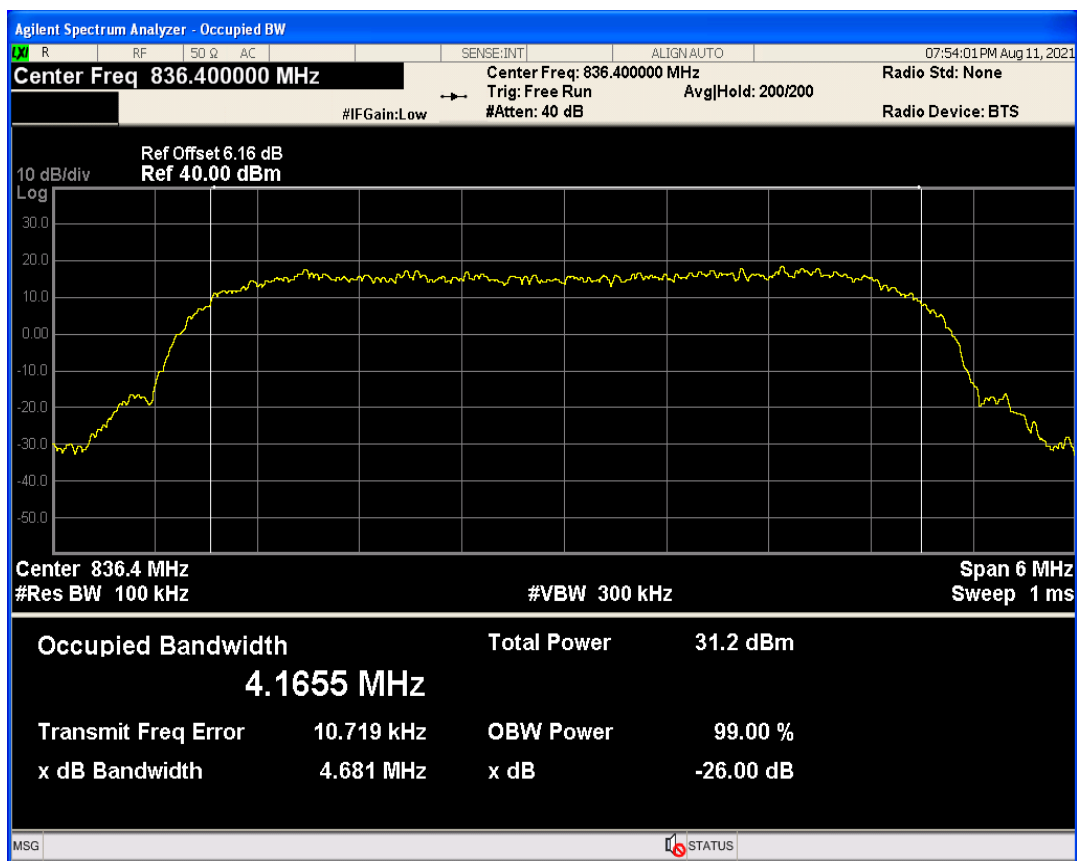
WCDMA Band4 Channel=1312



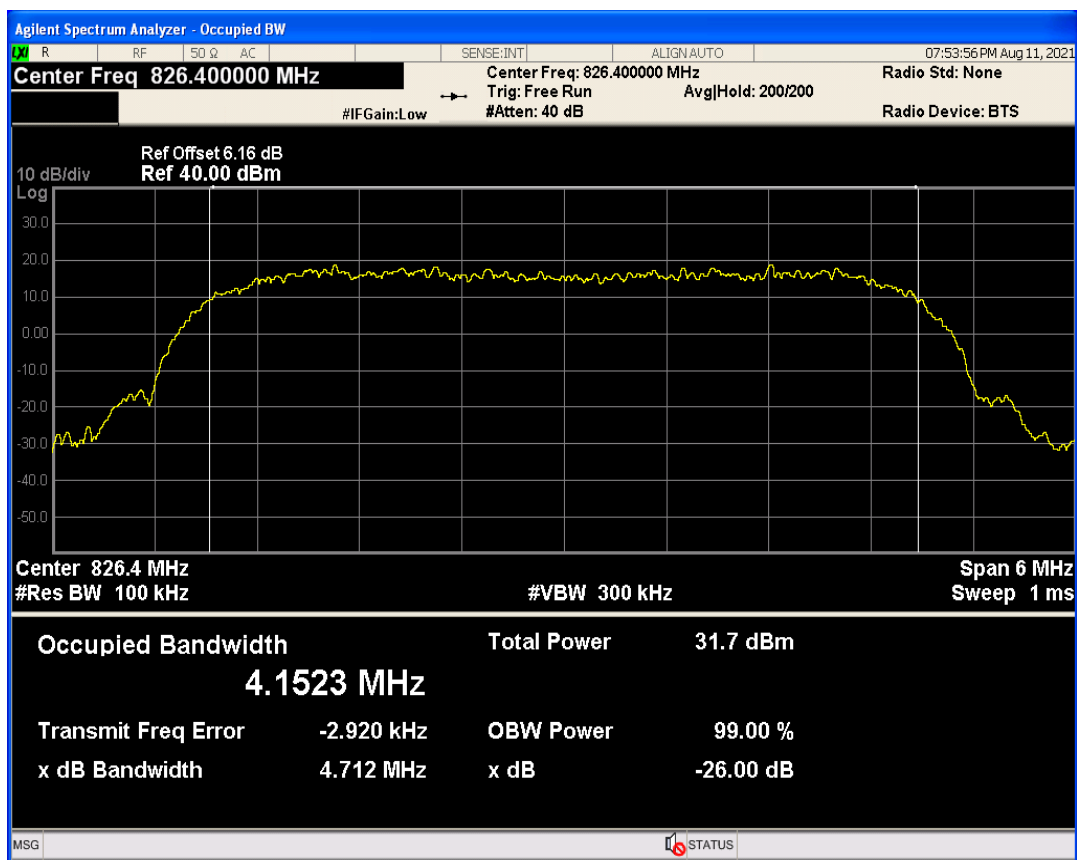
WCDMA Band4 Channel=1513



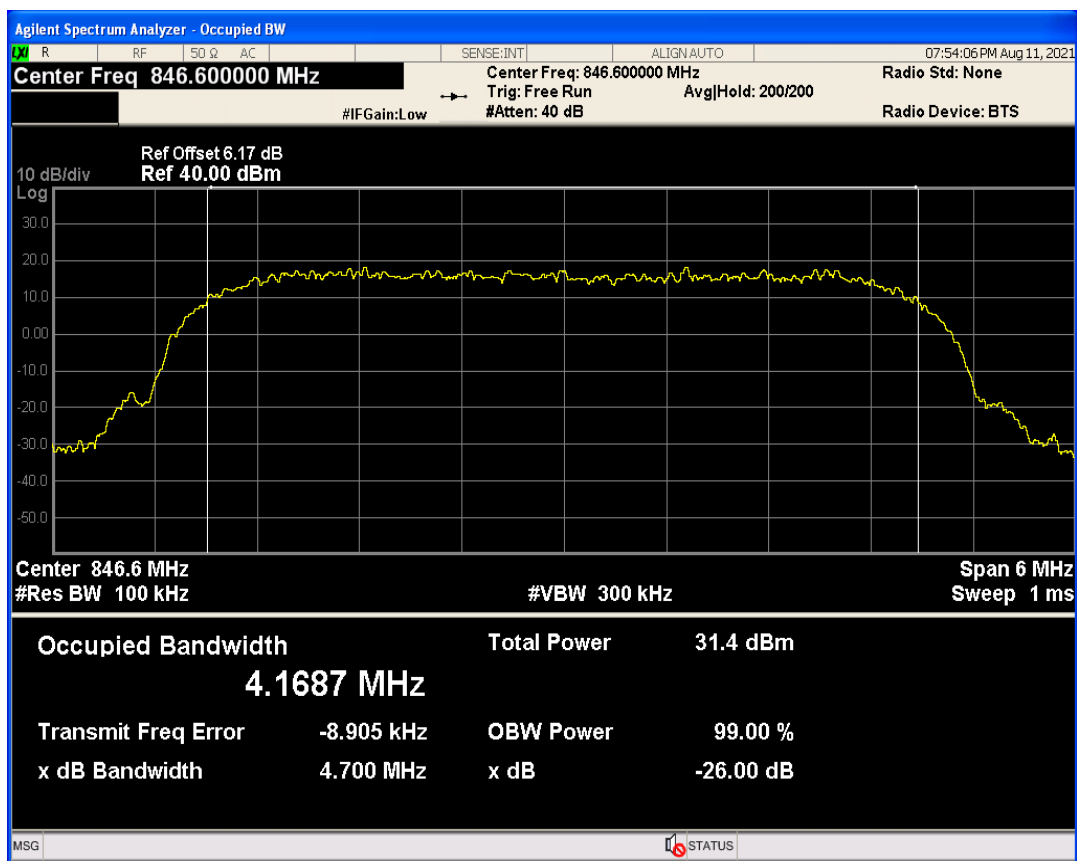
WCDMA Band5 Channel=4182



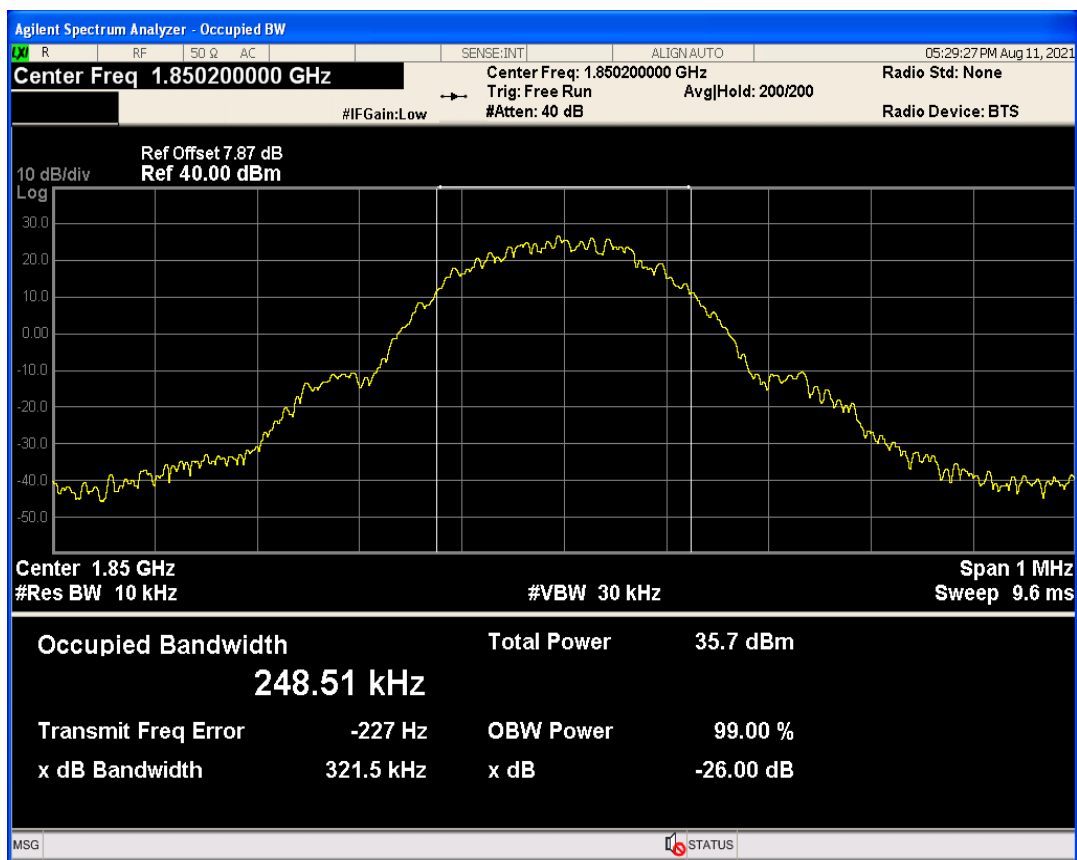
WCDMA Band5 Channel=4132



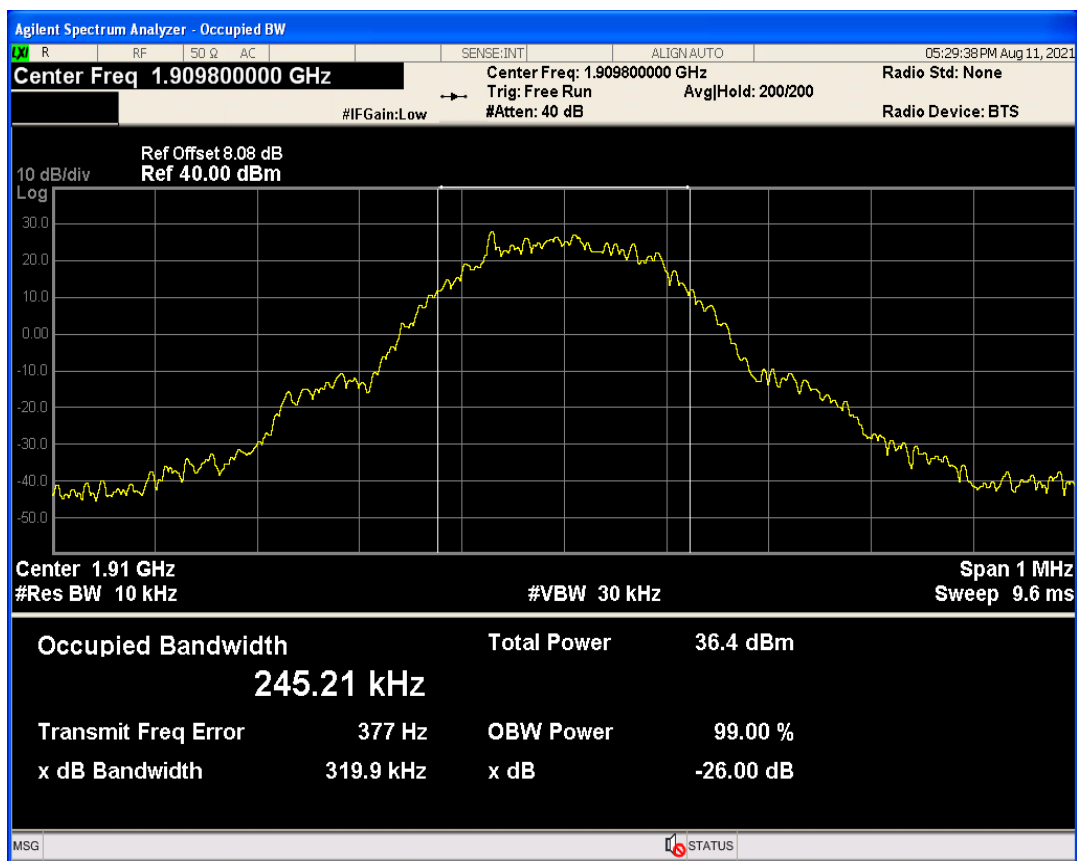
WCDMA Band5 Channel=4233



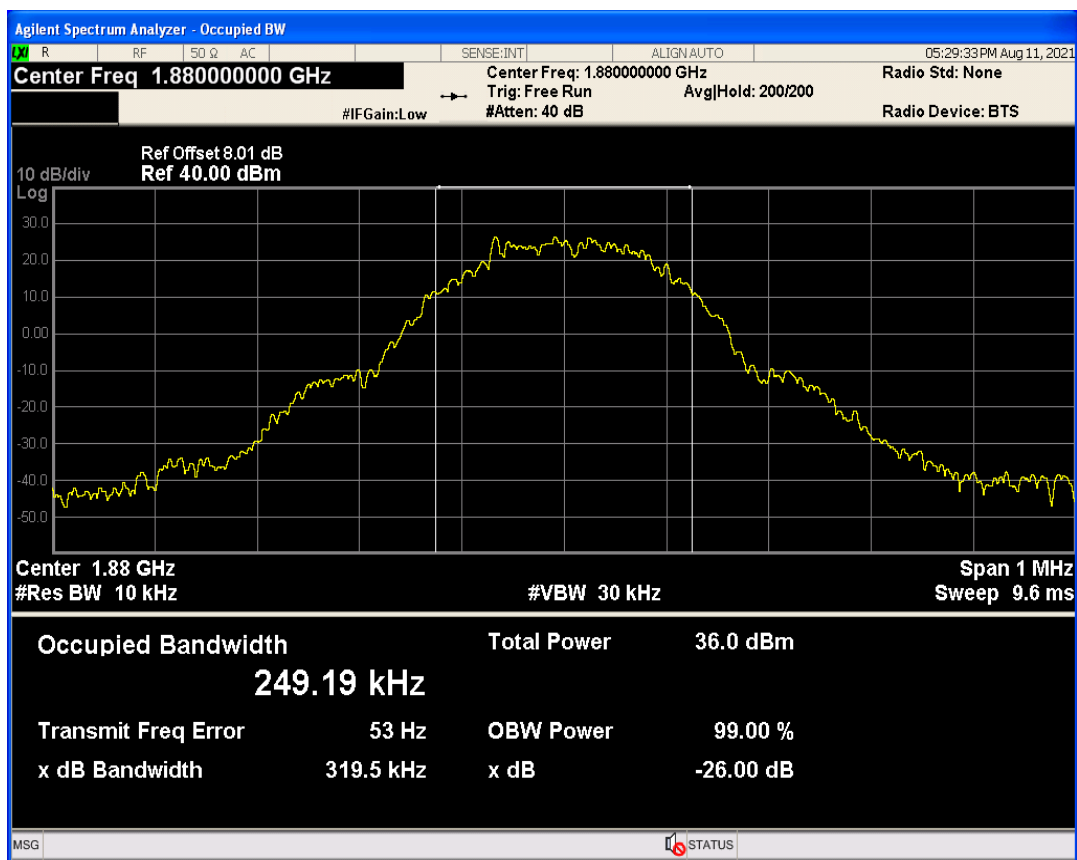
GSM1900 Channel=512



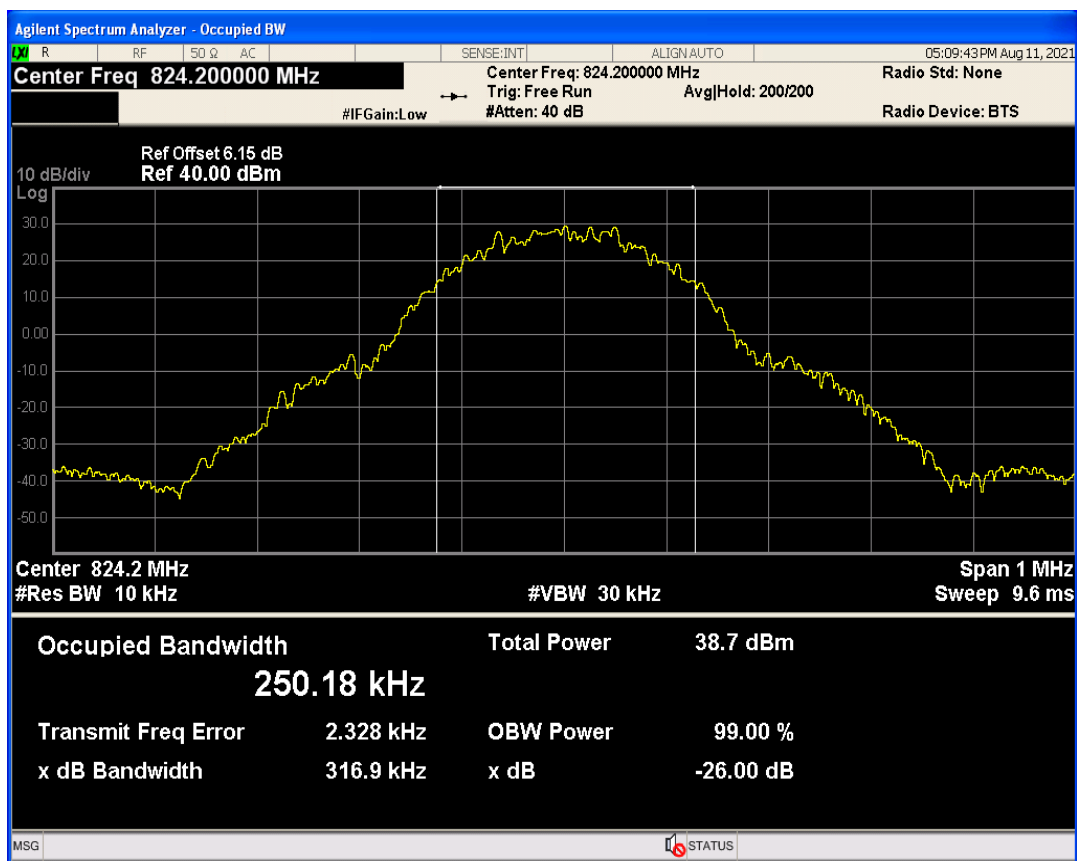
GSM1900 Channel=810



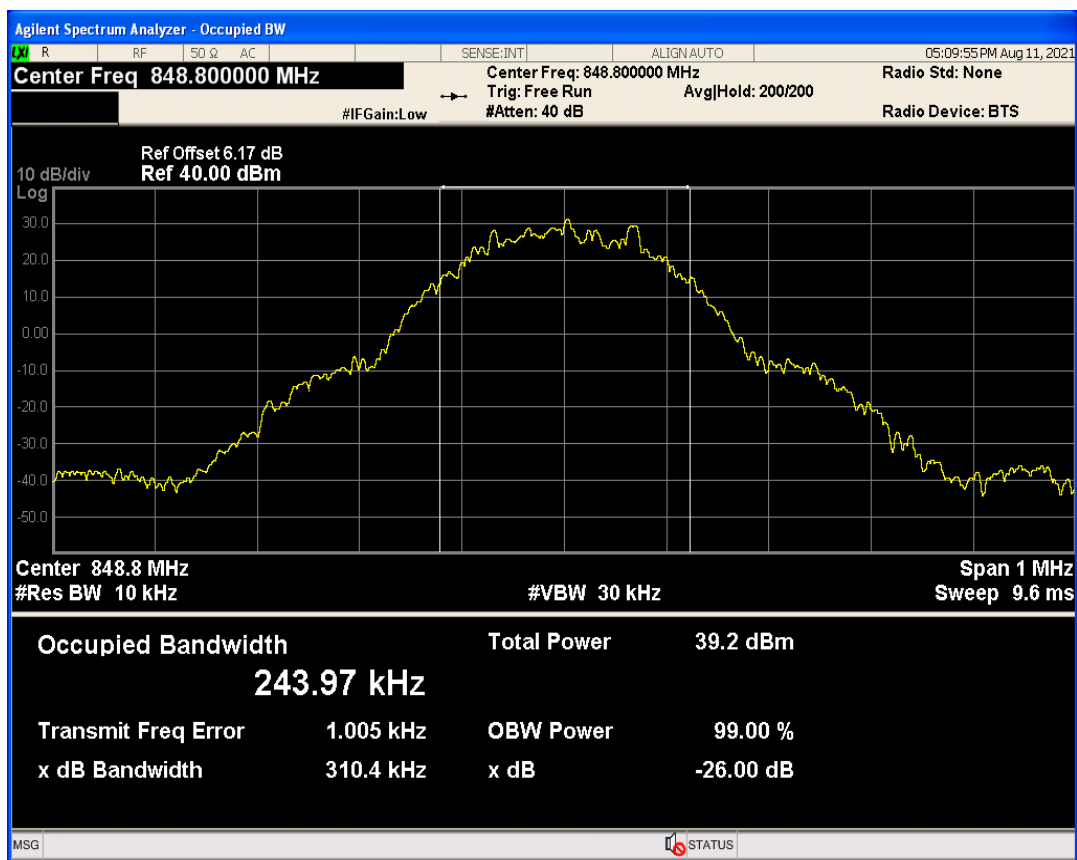
GSM1900 Channel=661



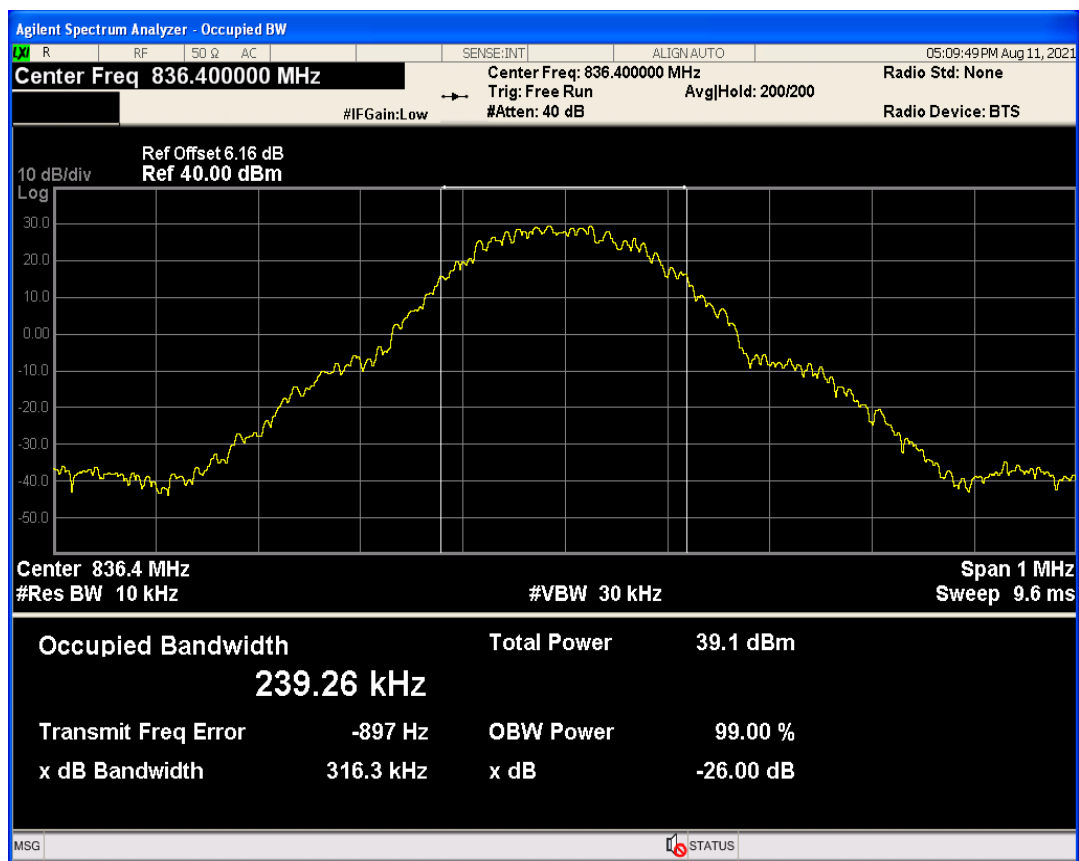
GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189



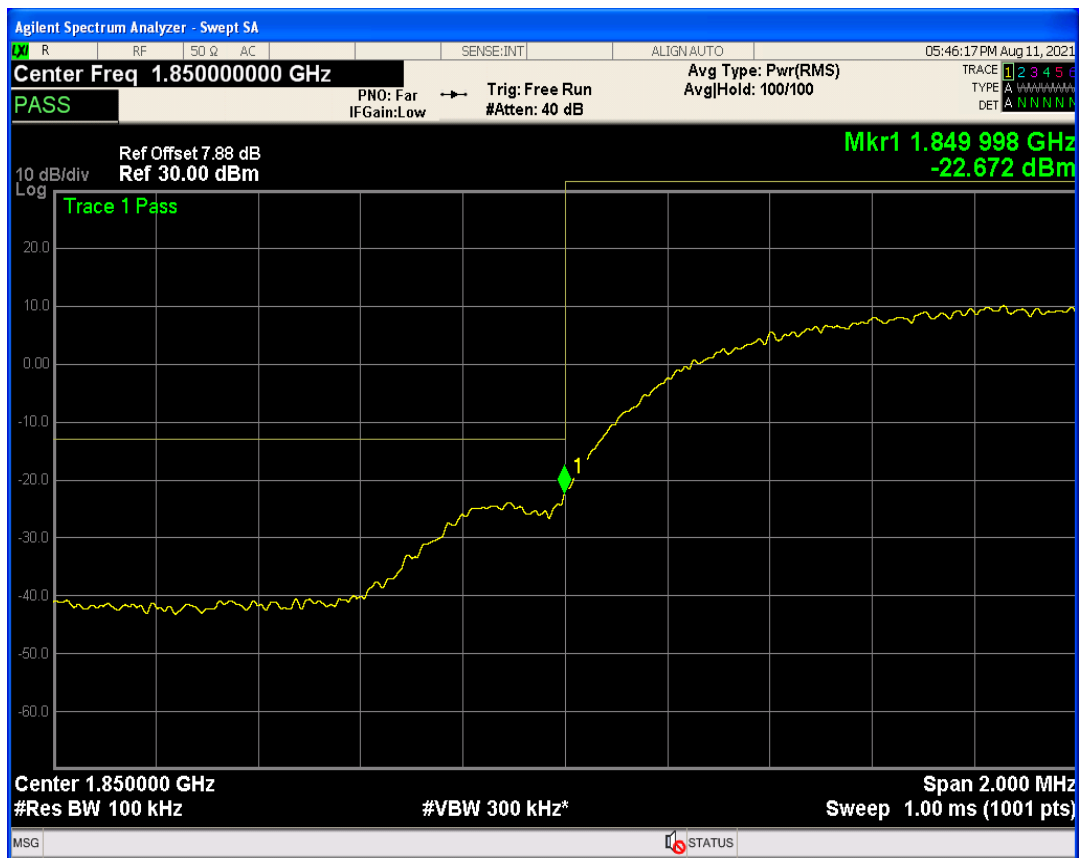
## 05 Band edge

| Band        | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------------|---------|-----------------|-----------------|------------------|-------------|---------|
| WCDMA Band2 | 9262    | 1852.4          | 1850.00         | -22.67           | -13         | PASS    |
| WCDMA Band2 | 9538    | 1907.6          | 1910.00         | -22.25           | -13         | PASS    |
| WCDMA Band4 | 1312    | 1712.4          | 1710.00         | -21.57           | -13         | PASS    |
| WCDMA Band4 | 1513    | 1752.6          | 1755.00         | -21.67           | -13         | PASS    |
| WCDMA Band5 | 4132    | 826.4           | 824.00          | -22.71           | -13         | PASS    |
| WCDMA Band5 | 4233    | 846.6           | 849.00          | -23.17           | -13         | PASS    |
| GSM1900     | 512     | 1850.2          | 1849.98         | -29.60           | -13         | PASS    |
| GSM1900     | 810     | 1909.8          | 1910.02         | -28.41           | -13         | PASS    |
| GSM850      | 128     | 824.2           | 824.00          | -27.05           | -13         | PASS    |
| GSM850      | 251     | 848.8           | 849.02          | -26.06           | -13         | PASS    |

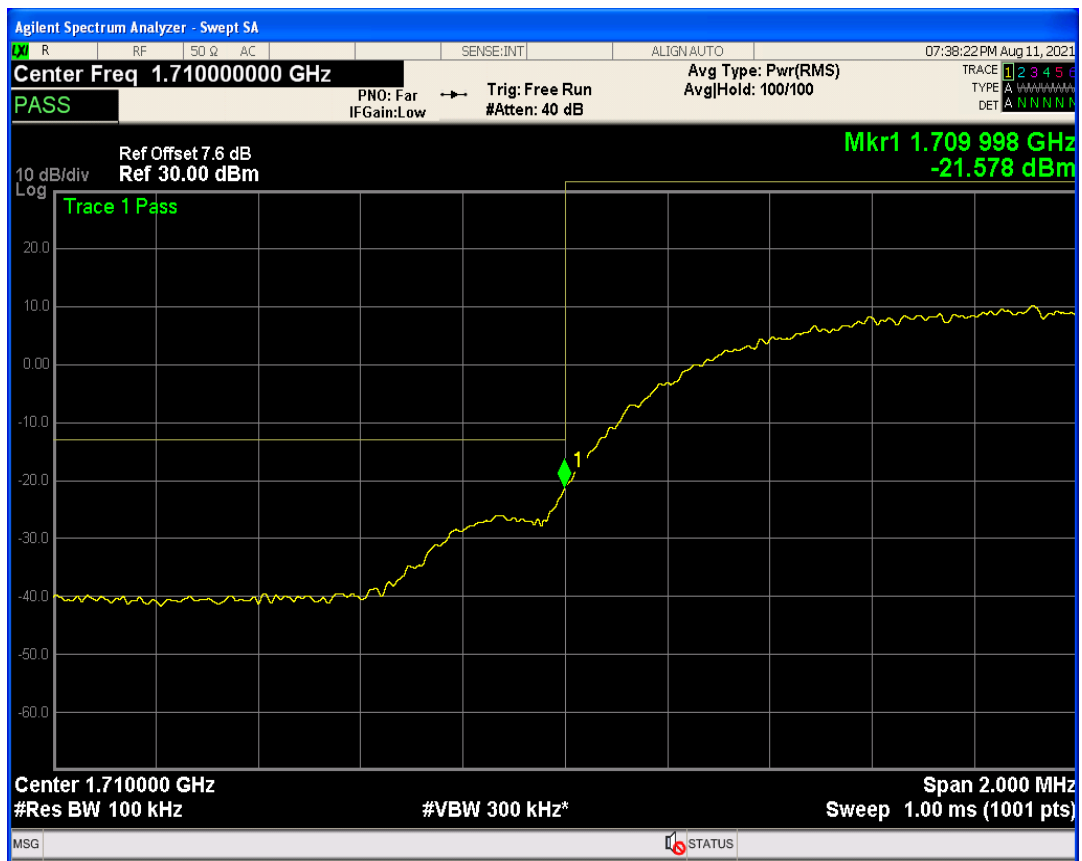
WCDMA Band2 Channel=9538



WCDMA Band2 Channel=9262



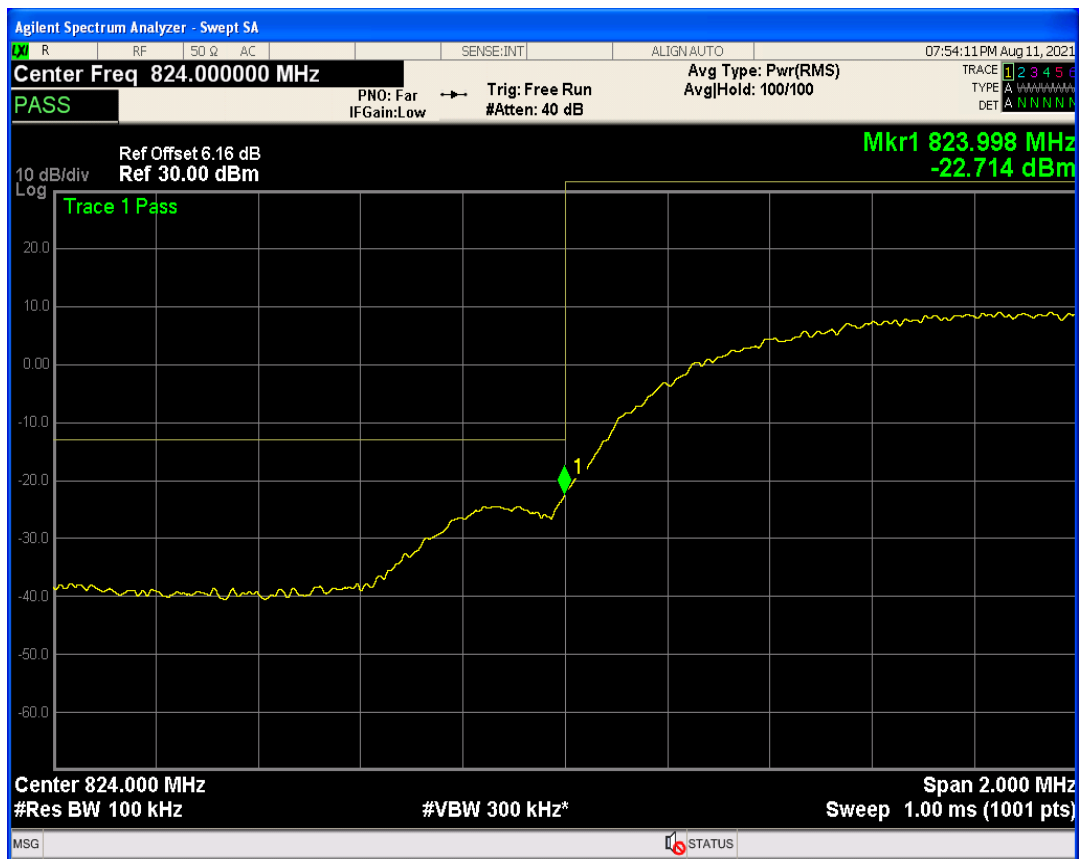
WCDMA Band4 Channel=1312



WCDMA Band4 Channel=1513



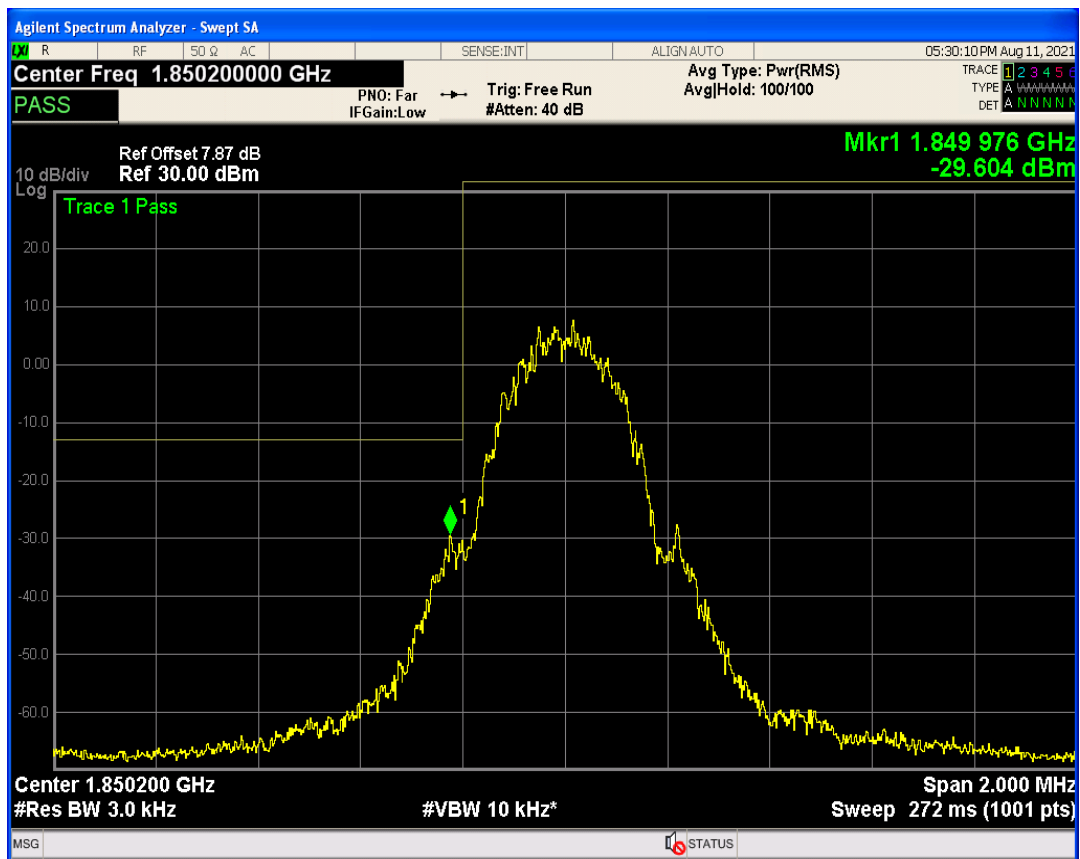
WCDMA Band5 Channel=4132



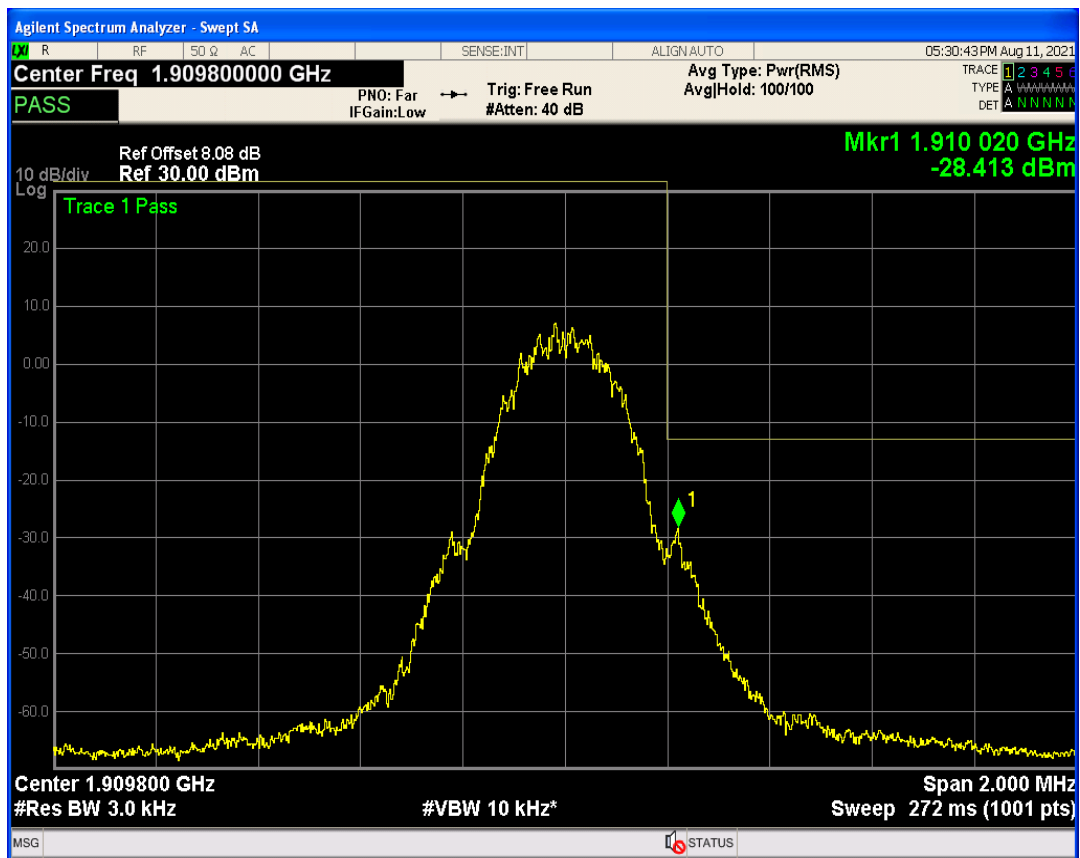
WCDMA Band5 Channel=4233



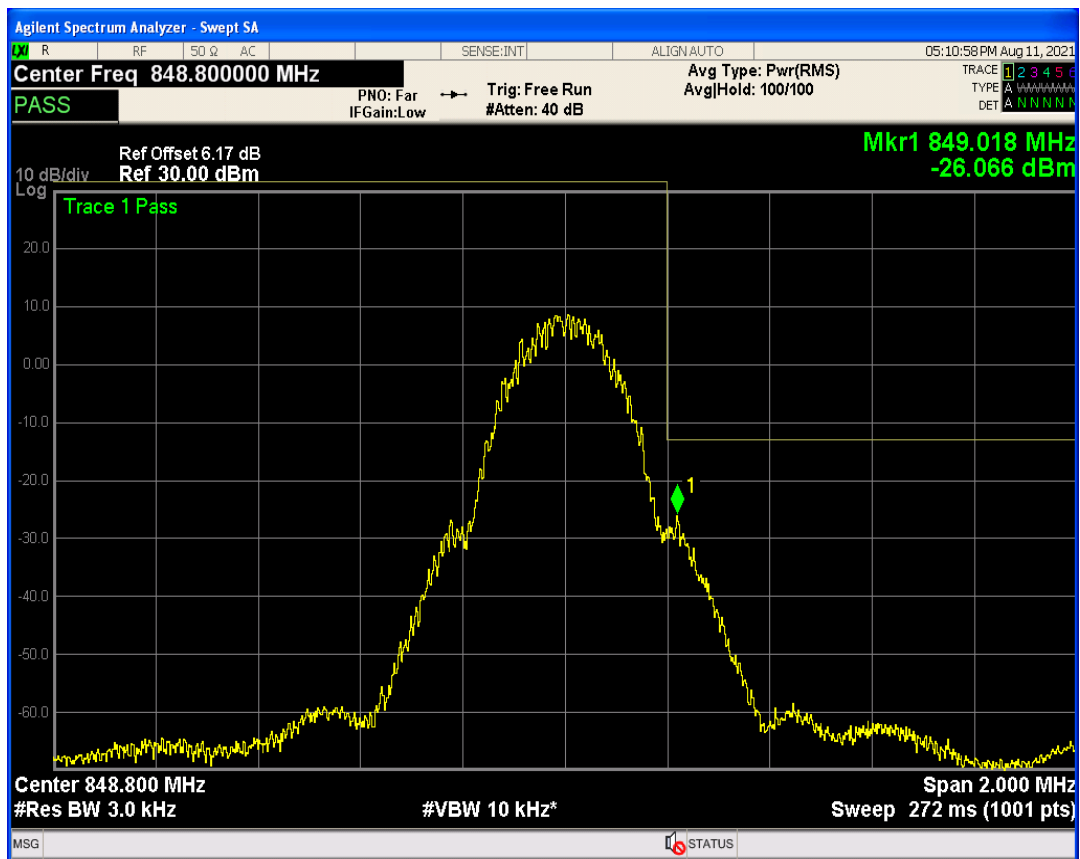
GSM1900 Channel=512



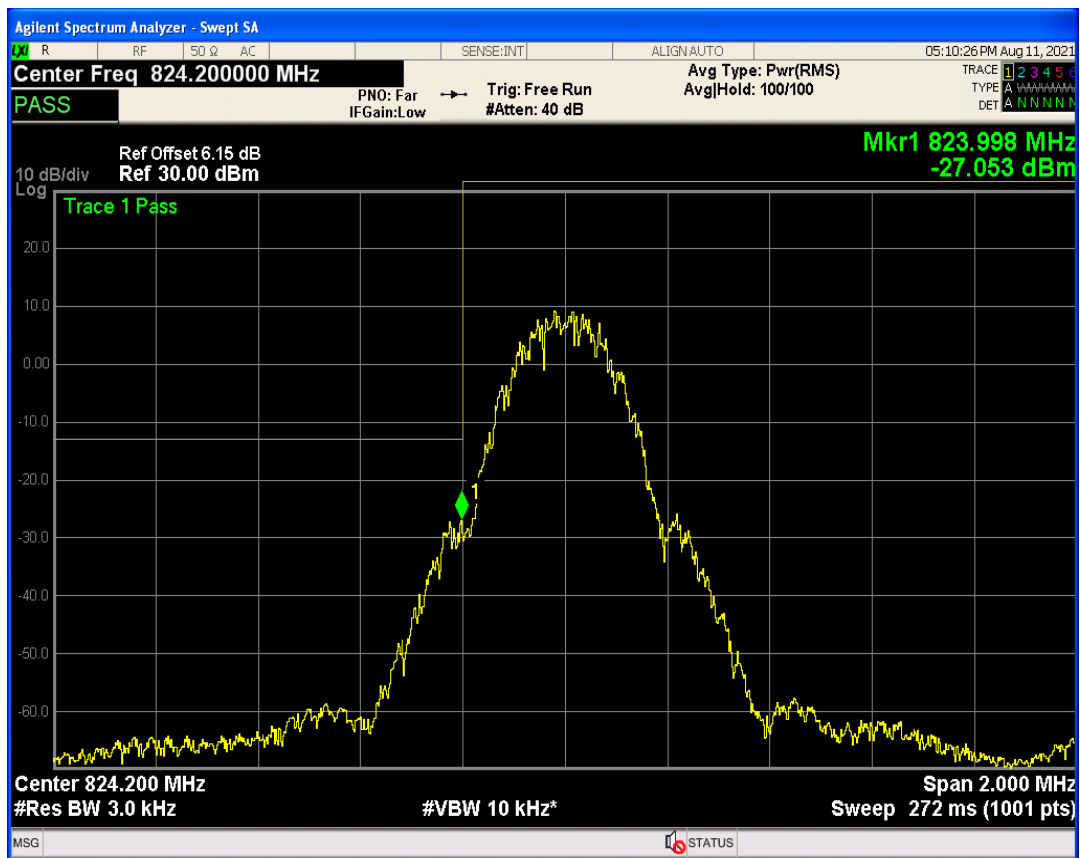
GSM1900 Channel=810



GSM850 Channel=251



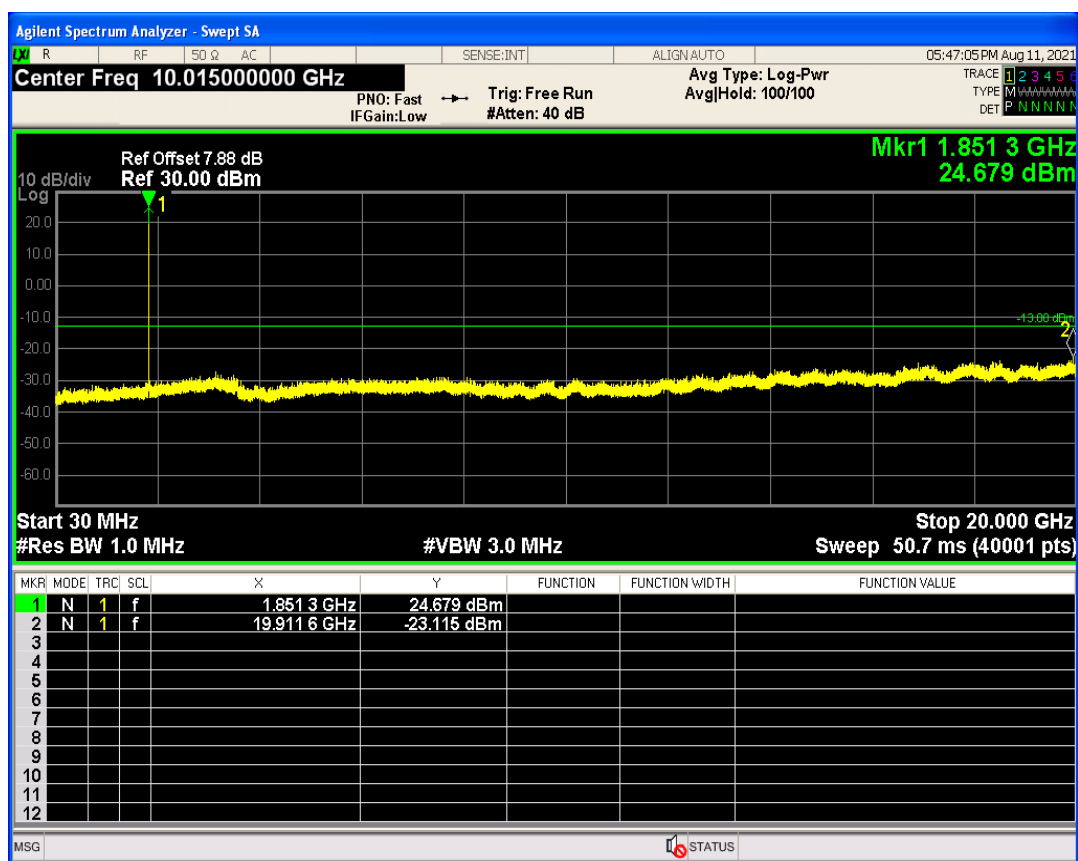
GSM850 Channel=128



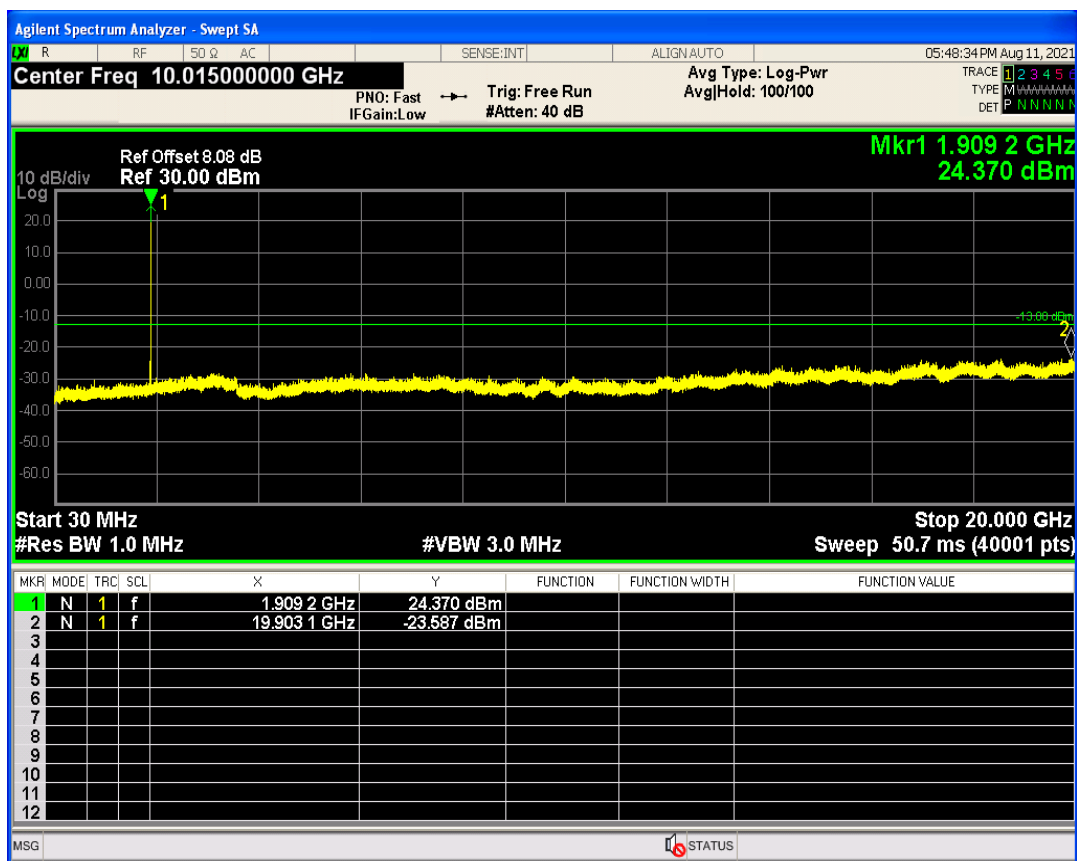
06 Out-of-band emissions

| Band        | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-------------|---------|-----------------|-----------------|------------------|-------------|---------|
| WCDMA Band2 | 9262    | 1852.4          | 19911.63        | -23.11           | -13         | PASS    |
| WCDMA Band2 | 9400    | 1880            | 17949.08        | -23.36           | -13         | PASS    |
| WCDMA Band2 | 9538    | 1907.6          | 19903.15        | -23.58           | -13         | PASS    |
| WCDMA Band4 | 1312    | 1712.4          | 17969.55        | -23.71           | -13         | PASS    |
| WCDMA Band4 | 1413    | 1732.6          | 17775.34        | -23.85           | -13         | PASS    |
| WCDMA Band4 | 1513    | 1752.6          | 19807.79        | -24.44           | -13         | PASS    |
| WCDMA Band5 | 4132    | 826.4           | 3130.67         | -30.40           | -13         | PASS    |
| WCDMA Band5 | 4182    | 836.4           | 3159.33         | -30.00           | -13         | PASS    |
| WCDMA Band5 | 4233    | 846.6           | 7063.84         | -30.29           | -13         | PASS    |
| GSM1900     | 512     | 1850.2          | 19987.02        | -23.56           | -13         | PASS    |
| GSM1900     | 661     | 1880            | 19955.07        | -23.56           | -13         | PASS    |
| GSM1900     | 810     | 1909.8          | 17943.59        | -23.44           | -13         | PASS    |
| GSM850      | 128     | 824.2           | 3136.15         | -28.73           | -13         | PASS    |
| GSM850      | 189     | 836.4           | 7592.74         | -30.00           | -13         | PASS    |
| GSM850      | 251     | 848.8           | 3180.77         | -30.05           | -13         | PASS    |

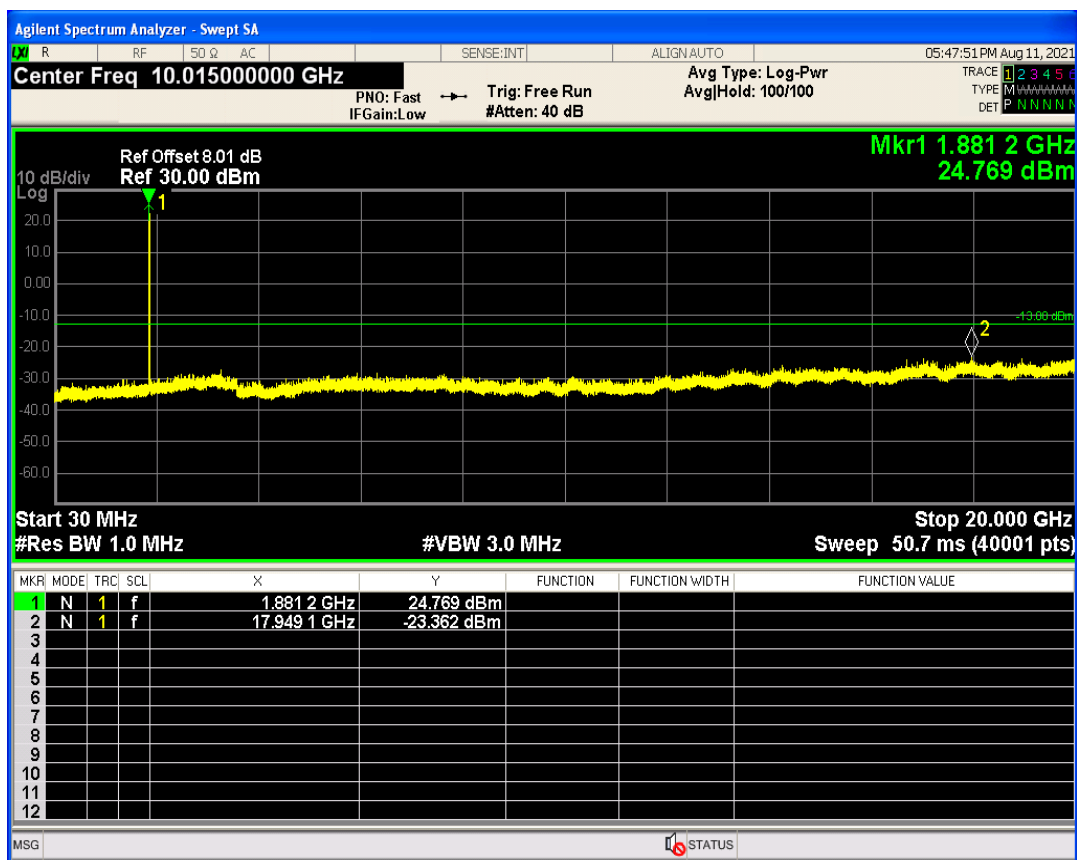
WCDMA Band2 Channel=9262



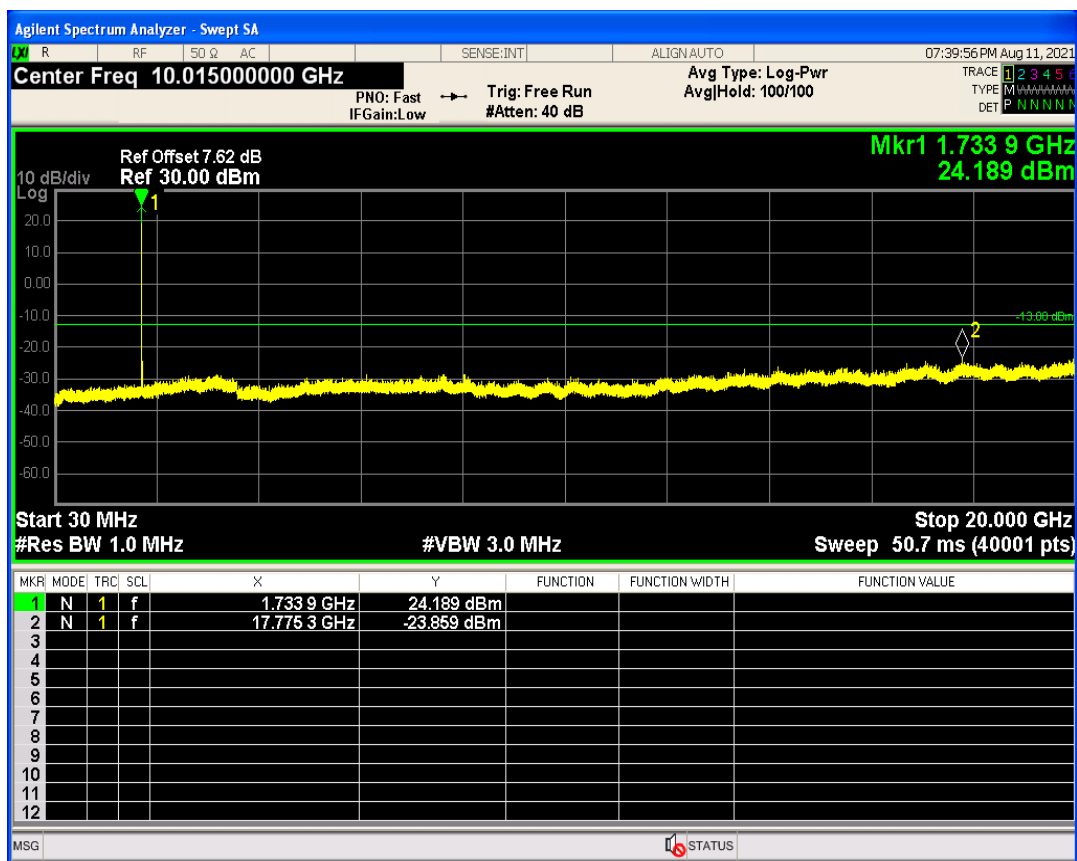
WCDMA Band2 Channel=9538



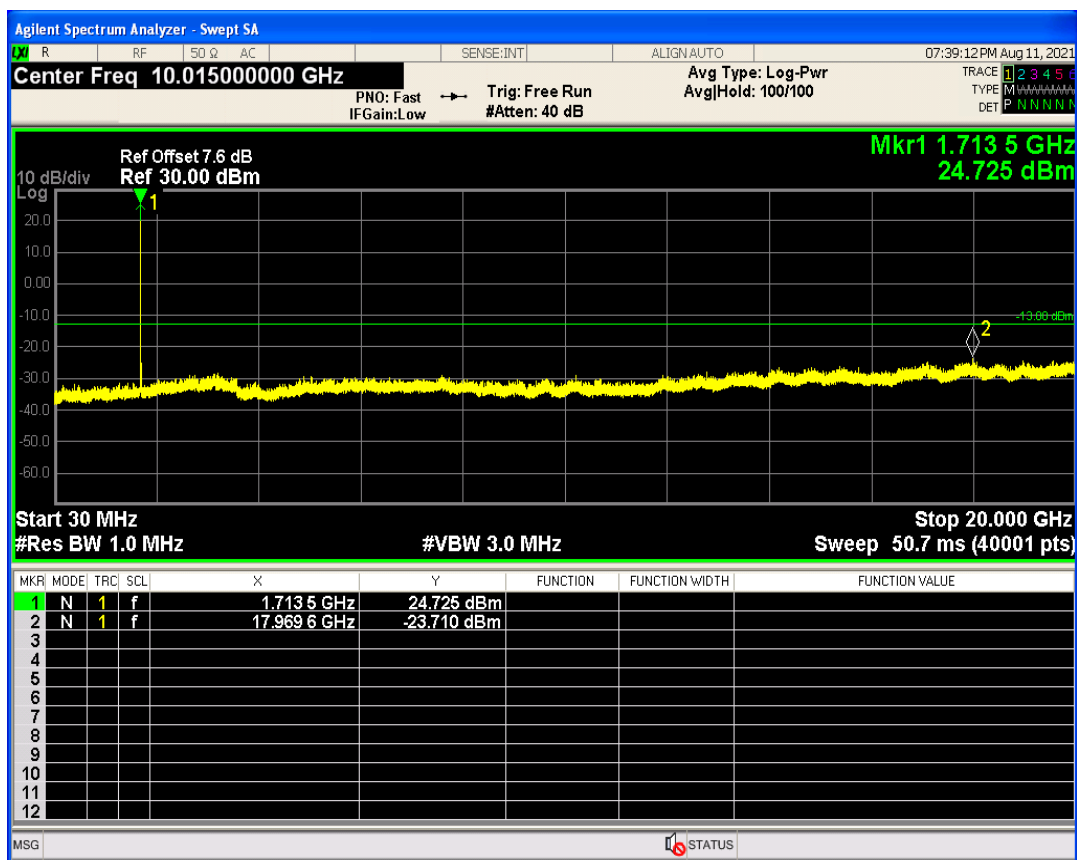
WCDMA Band2 Channel=9400



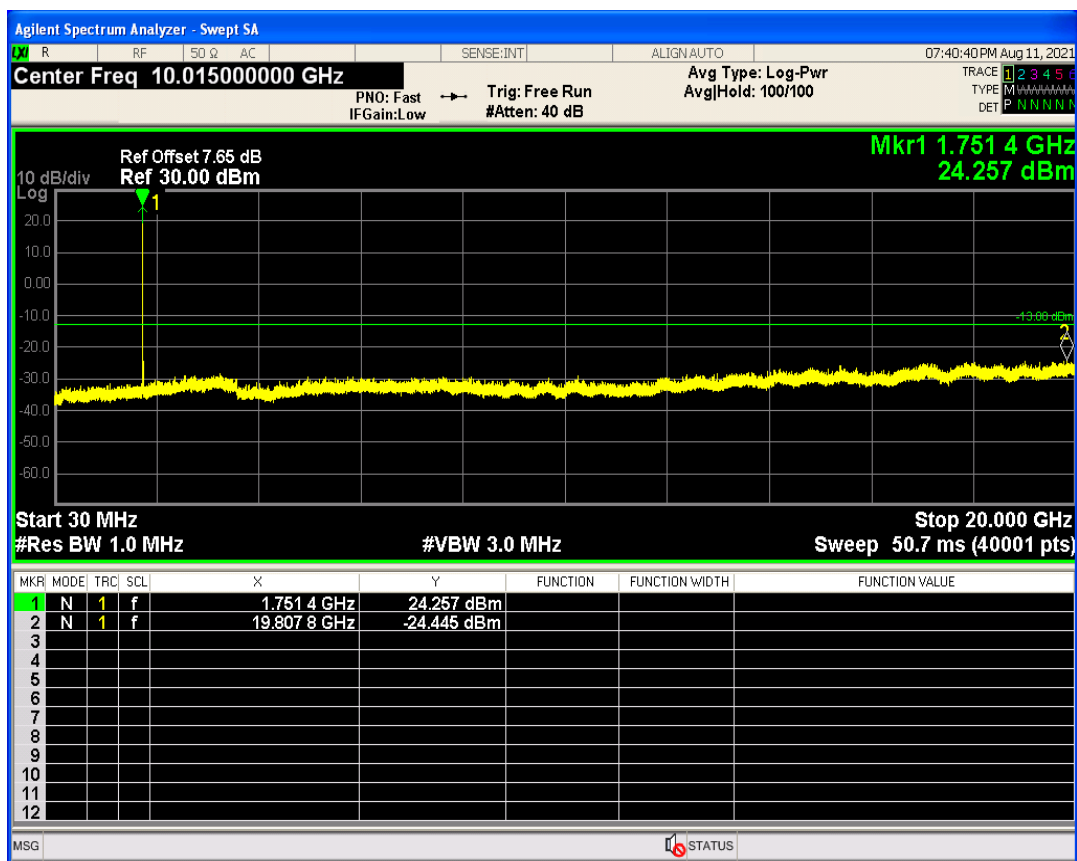
WCDMA Band4 Channel=1413



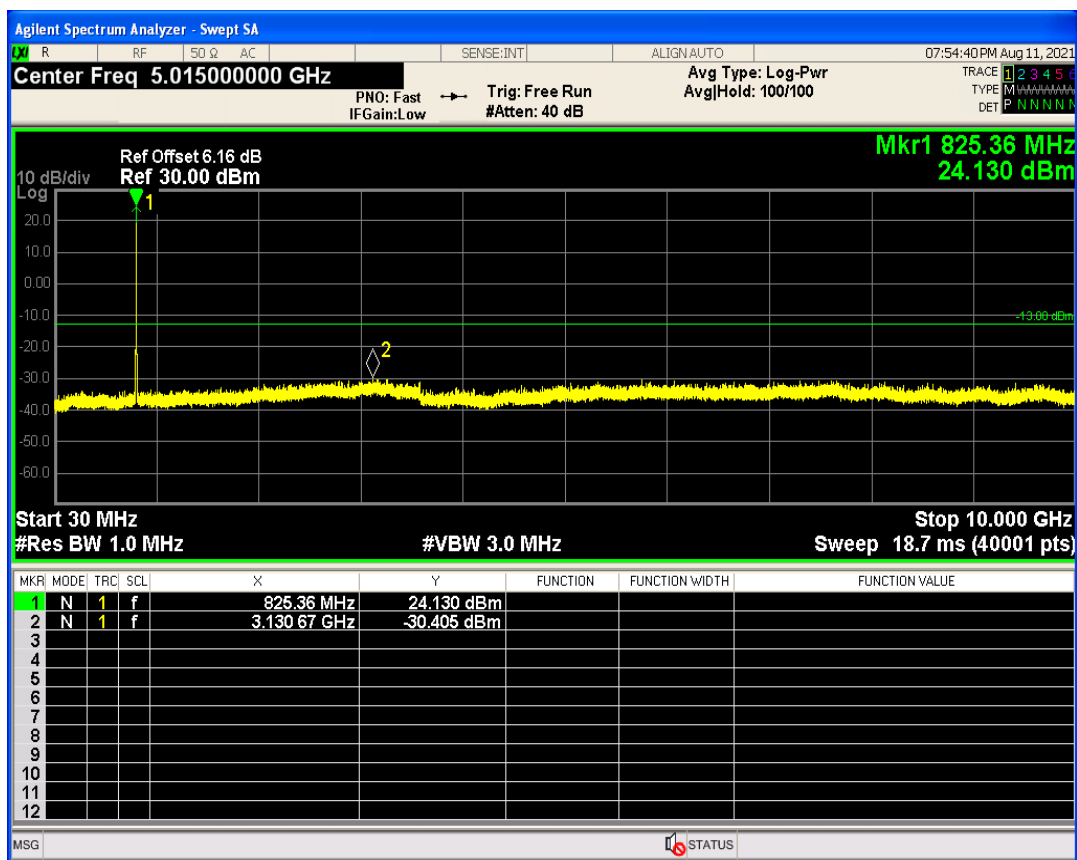
WCDMA Band4 Channel=1312



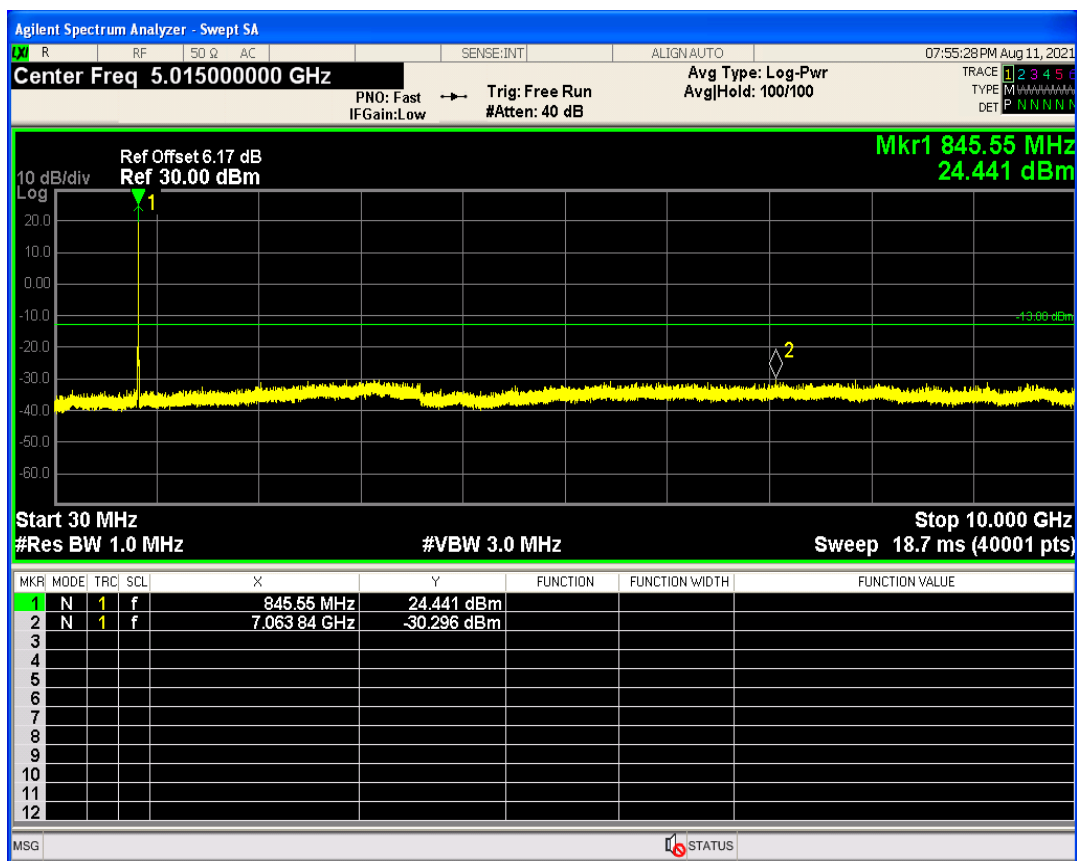
WCDMA Band4 Channel=1513



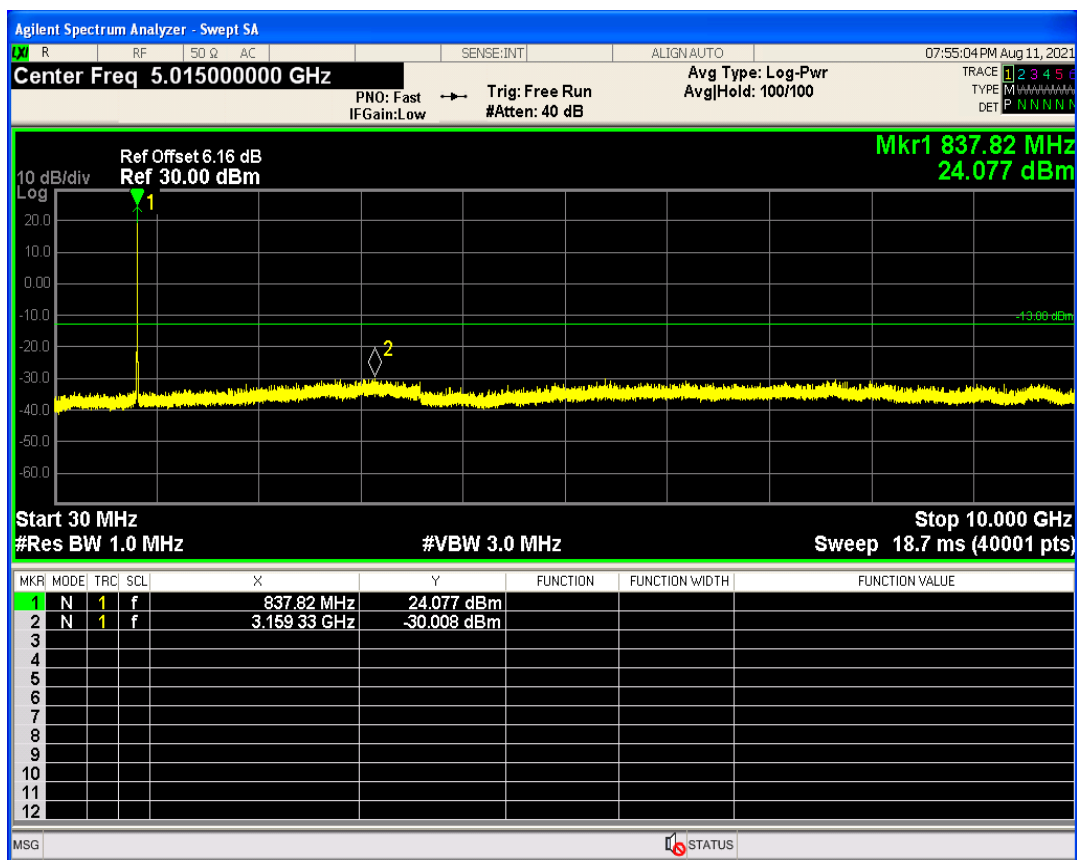
WCDMA Band5 Channel=4132



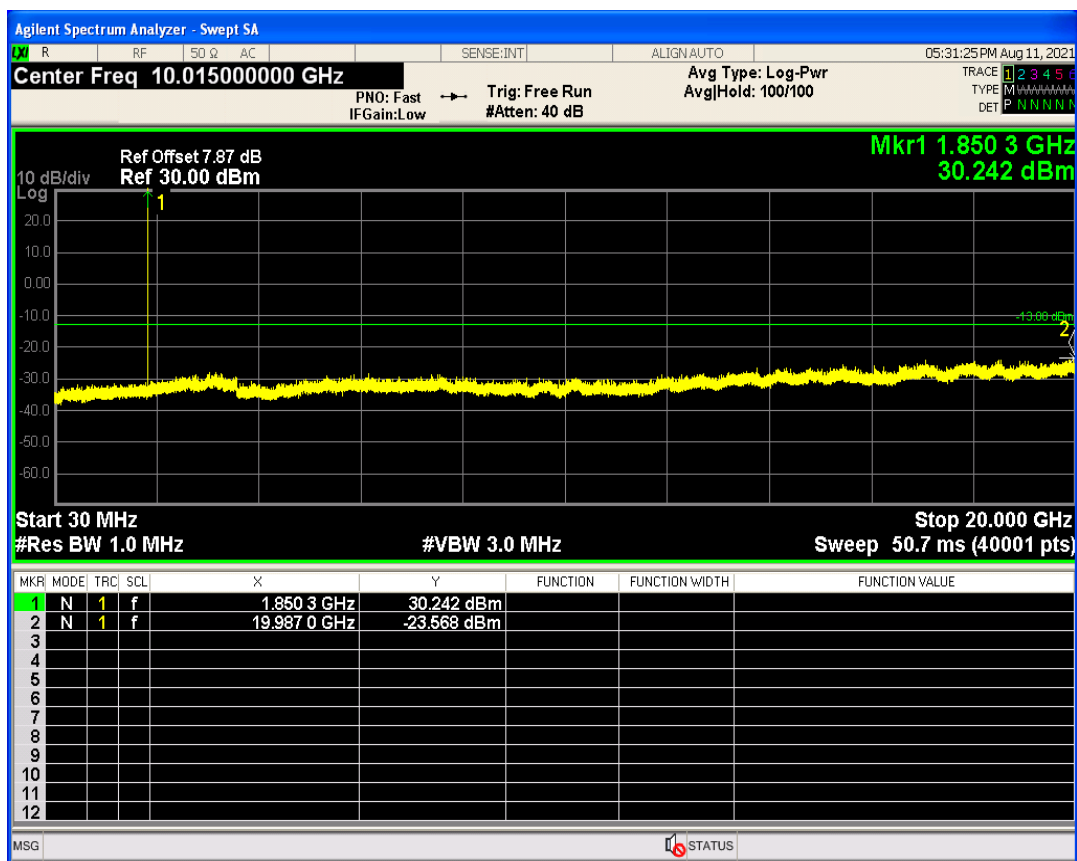
WCDMA Band5 Channel=4233



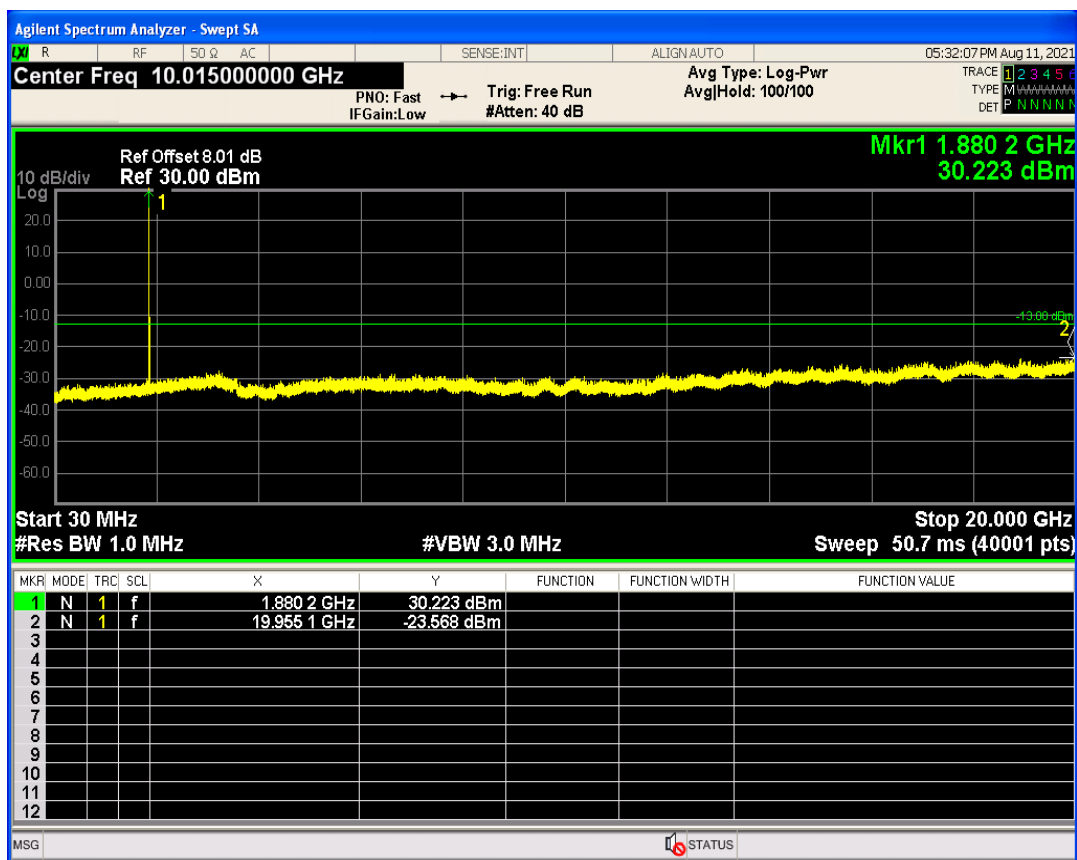
WCDMA Band5 Channel=4182



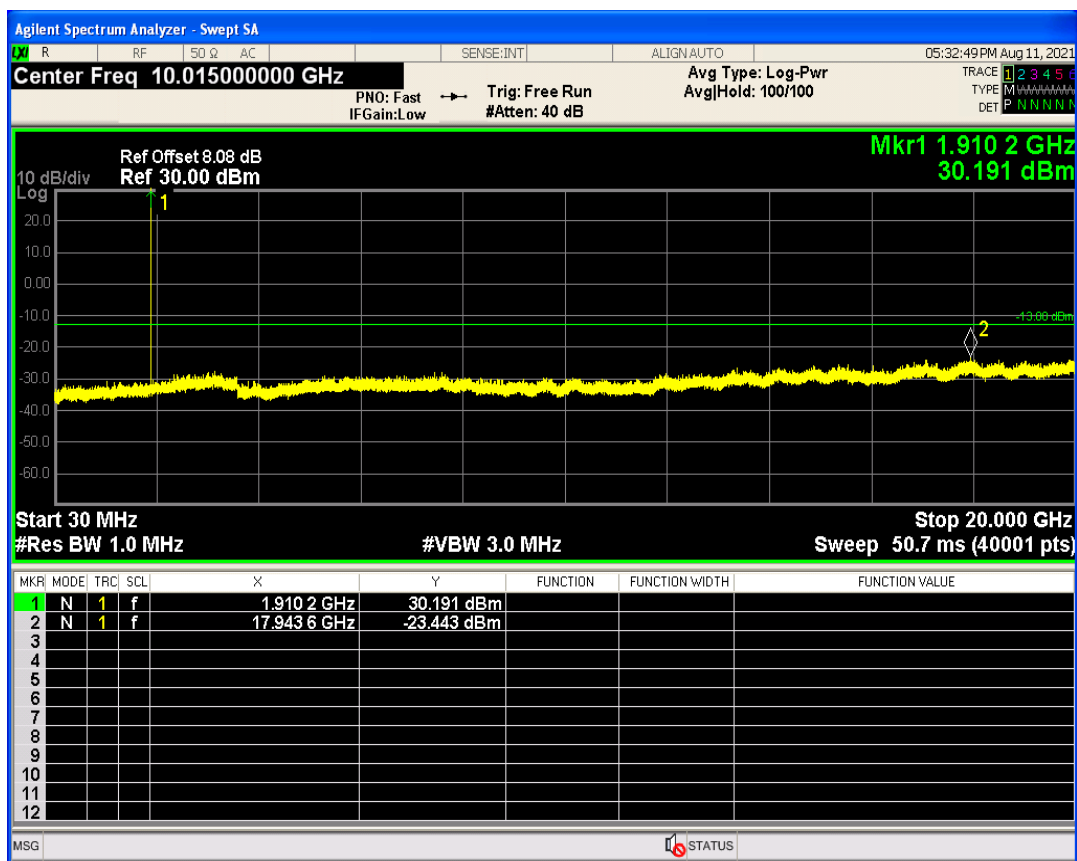
GSM1900 Channel=512



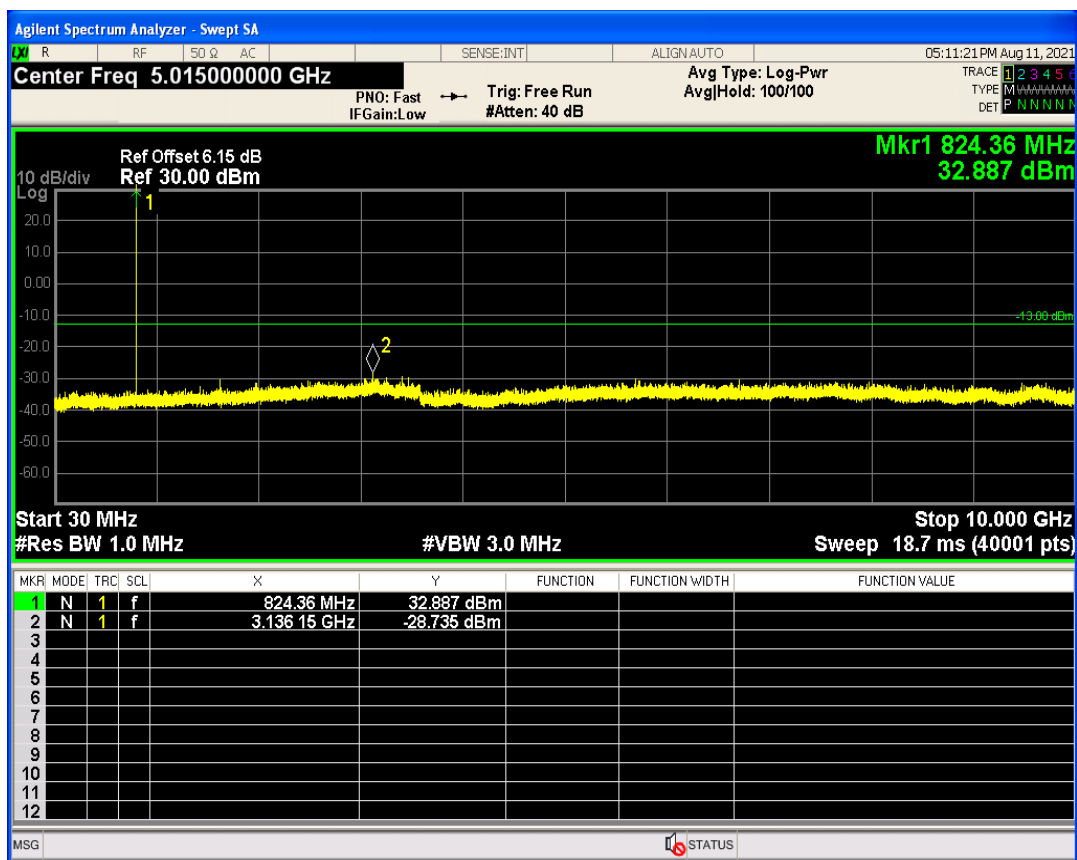
GSM1900 Channel=661



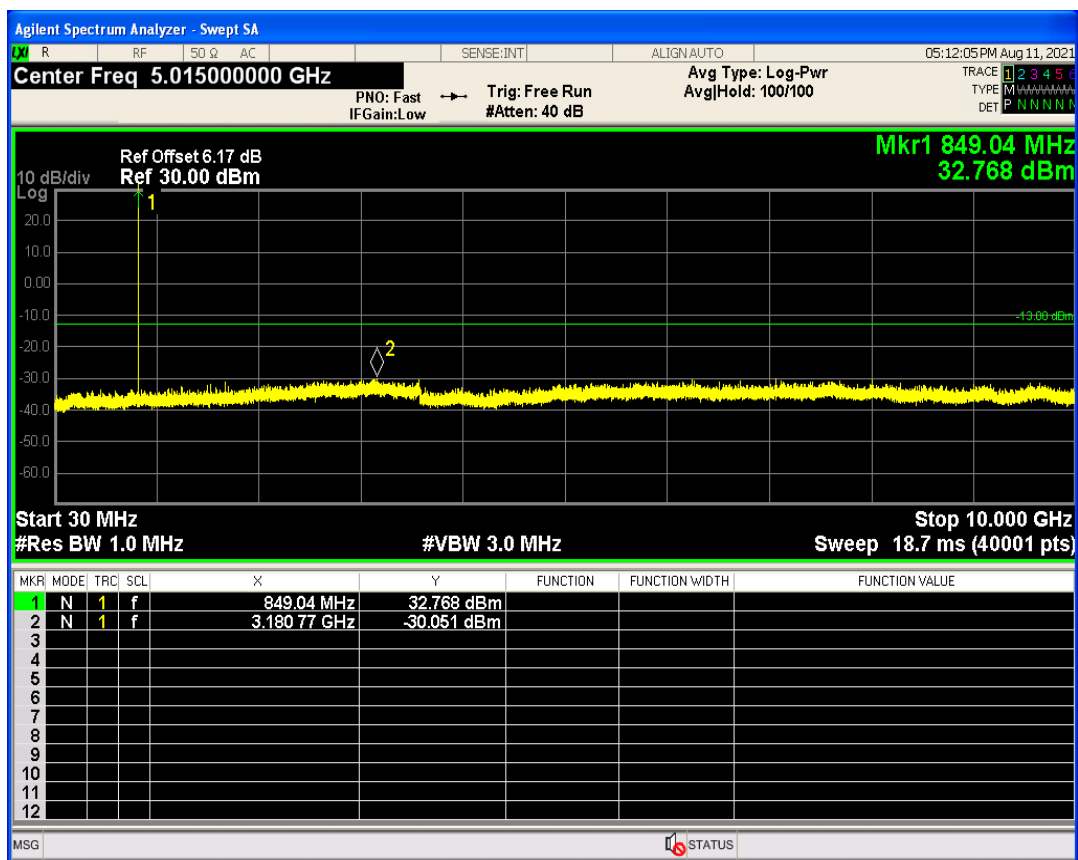
GSM1900 Channel=810



GSM850 Channel=128



GSM850 Channel=189



## 07 Conducted output power

| Band                 | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|----------------------|---------|-----------------|-------------|---------|
| HSDPA Band2 Subtest1 | 9262    | 1852.4          | 23.03       | PASS    |
| HSDPA Band2 Subtest2 | 9262    | 1852.4          | 22.61       | PASS    |
| HSDPA Band2 Subtest3 | 9262    | 1852.4          | 21.48       | PASS    |
| HSDPA Band2 Subtest4 | 9262    | 1852.4          | 21.70       | PASS    |
| HSDPA Band2 Subtest1 | 9400    | 1880            | 23.03       | PASS    |
| HSDPA Band2 Subtest2 | 9400    | 1880            | 22.66       | PASS    |
| HSDPA Band2 Subtest3 | 9400    | 1880            | 21.23       | PASS    |
| HSDPA Band2 Subtest4 | 9400    | 1880            | 21.61       | PASS    |
| HSDPA Band2 Subtest1 | 9538    | 1907.6          | 22.89       | PASS    |
| HSDPA Band2 Subtest2 | 9538    | 1907.6          | 22.48       | PASS    |
| HSDPA Band2 Subtest3 | 9538    | 1907.6          | 21.44       | PASS    |
| HSDPA Band2 Subtest4 | 9538    | 1907.6          | 21.11       | PASS    |
| HSDPA Band4 Subtest1 | 1312    | 1712.4          | 23.02       | PASS    |
| HSDPA Band4 Subtest2 | 1312    | 1712.4          | 22.53       | PASS    |
| HSDPA Band4 Subtest3 | 1312    | 1712.4          | 21.60       | PASS    |
| HSDPA Band4 Subtest4 | 1312    | 1712.4          | 21.71       | PASS    |
| HSDPA Band4 Subtest1 | 1413    | 1732.6          | 22.77       | PASS    |
| HSDPA Band4 Subtest2 | 1413    | 1732.6          | 22.34       | PASS    |
| HSDPA Band4 Subtest3 | 1413    | 1732.6          | 21.31       | PASS    |
| HSDPA Band4 Subtest4 | 1413    | 1732.6          | 21.37       | PASS    |
| HSDPA Band4 Subtest1 | 1513    | 1752.6          | 22.86       | PASS    |
| HSDPA Band4 Subtest2 | 1513    | 1752.6          | 22.41       | PASS    |
| HSDPA Band4 Subtest3 | 1513    | 1752.6          | 21.22       | PASS    |
| HSDPA Band4 Subtest4 | 1513    | 1752.6          | 21.40       | PASS    |
| HSDPA Band5 Subtest1 | 4132    | 826.4           | 22.53       | PASS    |
| HSDPA Band5 Subtest2 | 4132    | 826.4           | 22.18       | PASS    |
| HSDPA Band5 Subtest3 | 4132    | 826.4           | 20.86       | PASS    |
| HSDPA Band5 Subtest4 | 4132    | 826.4           | 21.28       | PASS    |
| HSDPA Band5 Subtest1 | 4182    | 836.4           | 22.49       | PASS    |
| HSDPA Band5 Subtest2 | 4182    | 836.4           | 21.93       | PASS    |
| HSDPA Band5 Subtest3 | 4182    | 836.4           | 20.92       | PASS    |
| HSDPA Band5 Subtest4 | 4182    | 836.4           | 20.98       | PASS    |
| HSDPA Band5 Subtest1 | 4233    | 846.6           | 22.54       | PASS    |
| HSDPA Band5 Subtest2 | 4233    | 846.6           | 22.21       | PASS    |
| HSDPA Band5 Subtest3 | 4233    | 846.6           | 21.07       | PASS    |
| HSDPA Band5 Subtest4 | 4233    | 846.6           | 20.78       | PASS    |
| GPRS1900 1 Slot      | 512     | 1850.2          | 29.54       | PASS    |
| GPRS1900 1 Slot      | 661     | 1880            | 29.57       | PASS    |
| GPRS1900 1 Slot      | 810     | 1909.8          | 29.46       | PASS    |
| GPRS1900 2 Slot      | 512     | 1850.2          | 28.80       | PASS    |
| GPRS1900 2 Slot      | 661     | 1880            | 28.79       | PASS    |
| GPRS1900 2 Slot      | 810     | 1909.8          | 28.70       | PASS    |

|                 |     |        |       |      |
|-----------------|-----|--------|-------|------|
| GPRS1900 3 Slot | 512 | 1850.2 | 27.06 | PASS |
| GPRS1900 3 Slot | 661 | 1880   | 27.05 | PASS |
| GPRS1900 3 Slot | 810 | 1909.8 | 26.95 | PASS |
| GPRS1900 4 Slot | 512 | 1850.2 | 25.93 | PASS |
| GPRS1900 4 Slot | 661 | 1880   | 25.94 | PASS |
| GPRS1900 4 Slot | 810 | 1909.8 | 25.86 | PASS |
| GPRS850 1 Slot  | 128 | 824.2  | 32.37 | PASS |
| GPRS850 1 Slot  | 189 | 836.4  | 32.52 | PASS |
| GPRS850 1 Slot  | 251 | 848.8  | 32.49 | PASS |
| GPRS850 2 Slot  | 128 | 824.2  | 31.63 | PASS |
| GPRS850 2 Slot  | 189 | 836.4  | 31.73 | PASS |
| GPRS850 2 Slot  | 251 | 848.8  | 31.70 | PASS |
| GPRS850 3 Slot  | 128 | 824.2  | 29.86 | PASS |
| GPRS850 3 Slot  | 189 | 836.4  | 29.98 | PASS |
| GPRS850 3 Slot  | 251 | 848.8  | 29.96 | PASS |
| GPRS850 4 Slot  | 128 | 824.2  | 28.71 | PASS |
| GPRS850 4 Slot  | 189 | 836.4  | 28.84 | PASS |
| GPRS850 4 Slot  | 251 | 848.8  | 28.81 | PASS |

### 13 Conducted output power

| Band             | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512     | 1850.2          | 25.64       | PASS    |
| EGPRS1900 1 Slot | 661     | 1880            | 25.94       | PASS    |
| EGPRS1900 1 Slot | 810     | 1909.8          | 25.70       | PASS    |
| EGPRS1900 2 Slot | 512     | 1850.2          | 24.80       | PASS    |
| EGPRS1900 2 Slot | 661     | 1880            | 25.28       | PASS    |
| EGPRS1900 2 Slot | 810     | 1909.8          | 24.81       | PASS    |
| EGPRS1900 3 Slot | 512     | 1850.2          | 23.07       | PASS    |
| EGPRS1900 3 Slot | 661     | 1880            | 23.39       | PASS    |
| EGPRS1900 3 Slot | 810     | 1909.8          | 23.00       | PASS    |
| EGPRS1900 4 Slot | 512     | 1850.2          | 21.73       | PASS    |
| EGPRS1900 4 Slot | 661     | 1880            | 22.28       | PASS    |
| EGPRS1900 4 Slot | 810     | 1909.8          | 21.80       | PASS    |
| EGPRS850 1 Slot  | 128     | 824.2           | 25.89       | PASS    |
| EGPRS850 1 Slot  | 189     | 836.4           | 25.53       | PASS    |
| EGPRS850 1 Slot  | 251     | 848.8           | 26.05       | PASS    |
| EGPRS850 2 Slot  | 128     | 824.2           | 24.76       | PASS    |
| EGPRS850 2 Slot  | 189     | 836.4           | 24.36       | PASS    |
| EGPRS850 2 Slot  | 251     | 848.8           | 24.77       | PASS    |
| EGPRS850 3 Slot  | 128     | 824.2           | 22.59       | PASS    |
| EGPRS850 3 Slot  | 189     | 836.4           | 22.53       | PASS    |
| EGPRS850 3 Slot  | 251     | 848.8           | 22.32       | PASS    |
| EGPRS850 4 Slot  | 128     | 824.2           | 21.02       | PASS    |
| EGPRS850 4 Slot  | 189     | 836.4           | 21.17       | PASS    |

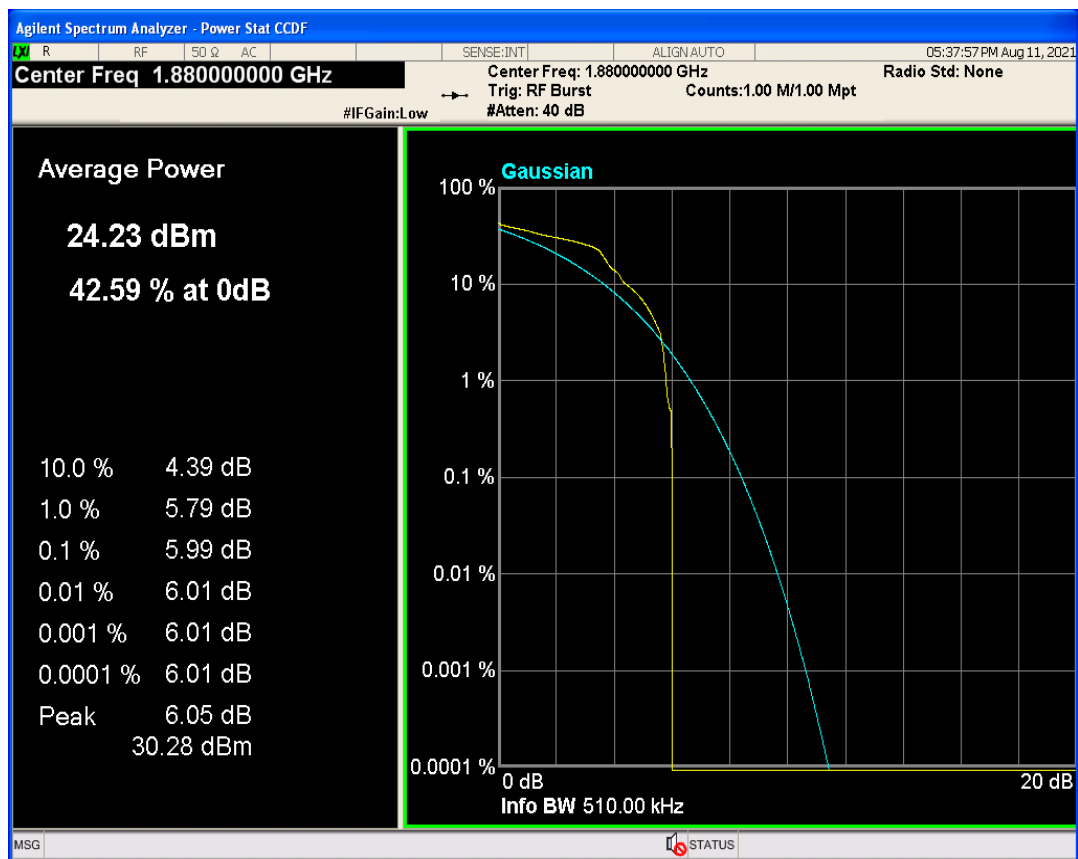
|                      |      |        |       |      |
|----------------------|------|--------|-------|------|
| EGPRS850 4 Slot      | 251  | 848.8  | 20.92 | PASS |
| HSUPA Band2 Subtest1 | 9262 | 1852.4 | 21.64 | PASS |
| HSUPA Band2 Subtest2 | 9262 | 1852.4 | 22.87 | PASS |
| HSUPA Band2 Subtest3 | 9262 | 1852.4 | 21.31 | PASS |
| HSUPA Band2 Subtest4 | 9262 | 1852.4 | 23.03 | PASS |
| HSUPA Band2 Subtest5 | 9262 | 1852.4 | 21.63 | PASS |
| HSUPA Band2 Subtest1 | 9400 | 1880   | 22.83 | PASS |
| HSUPA Band2 Subtest2 | 9400 | 1880   | 22.85 | PASS |
| HSUPA Band2 Subtest3 | 9400 | 1880   | 21.57 | PASS |
| HSUPA Band2 Subtest4 | 9400 | 1880   | 23.02 | PASS |
| HSUPA Band2 Subtest5 | 9400 | 1880   | 22.43 | PASS |
| HSUPA Band2 Subtest1 | 9538 | 1907.6 | 22.73 | PASS |
| HSUPA Band2 Subtest2 | 9538 | 1907.6 | 22.80 | PASS |
| HSUPA Band2 Subtest3 | 9538 | 1907.6 | 21.52 | PASS |
| HSUPA Band2 Subtest4 | 9538 | 1907.6 | 22.89 | PASS |
| HSUPA Band2 Subtest5 | 9538 | 1907.6 | 22.01 | PASS |
| HSUPA Band4 Subtest1 | 1312 | 1712.4 | 21.66 | PASS |
| HSUPA Band4 Subtest2 | 1312 | 1712.4 | 22.90 | PASS |
| HSUPA Band4 Subtest3 | 1312 | 1712.4 | 21.22 | PASS |
| HSUPA Band4 Subtest4 | 1312 | 1712.4 | 23.03 | PASS |
| HSUPA Band4 Subtest5 | 1312 | 1712.4 | 21.65 | PASS |
| HSUPA Band4 Subtest1 | 1413 | 1732.6 | 22.64 | PASS |
| HSUPA Band4 Subtest2 | 1413 | 1732.6 | 22.71 | PASS |
| HSUPA Band4 Subtest3 | 1413 | 1732.6 | 21.57 | PASS |
| HSUPA Band4 Subtest4 | 1413 | 1732.6 | 22.80 | PASS |
| HSUPA Band4 Subtest5 | 1413 | 1732.6 | 21.98 | PASS |
| HSUPA Band4 Subtest1 | 1513 | 1752.6 | 22.68 | PASS |
| HSUPA Band4 Subtest2 | 1513 | 1752.6 | 22.72 | PASS |
| HSUPA Band4 Subtest3 | 1513 | 1752.6 | 21.42 | PASS |
| HSUPA Band4 Subtest4 | 1513 | 1752.6 | 22.84 | PASS |
| HSUPA Band4 Subtest5 | 1513 | 1752.6 | 22.09 | PASS |
| HSUPA Band5 Subtest1 | 4132 | 826.4  | 21.67 | PASS |
| HSUPA Band5 Subtest2 | 4132 | 826.4  | 22.45 | PASS |
| HSUPA Band5 Subtest3 | 4132 | 826.4  | 20.63 | PASS |
| HSUPA Band5 Subtest4 | 4132 | 826.4  | 22.53 | PASS |
| HSUPA Band5 Subtest5 | 4132 | 826.4  | 21.12 | PASS |
| HSUPA Band5 Subtest1 | 4182 | 836.4  | 22.28 | PASS |
| HSUPA Band5 Subtest2 | 4182 | 836.4  | 22.43 | PASS |
| HSUPA Band5 Subtest3 | 4182 | 836.4  | 21.27 | PASS |
| HSUPA Band5 Subtest4 | 4182 | 836.4  | 22.48 | PASS |
| HSUPA Band5 Subtest5 | 4182 | 836.4  | 21.84 | PASS |
| HSUPA Band5 Subtest1 | 4233 | 846.6  | 22.34 | PASS |
| HSUPA Band5 Subtest2 | 4233 | 846.6  | 22.46 | PASS |
| HSUPA Band5 Subtest3 | 4233 | 846.6  | 21.19 | PASS |

|                      |      |       |       |      |
|----------------------|------|-------|-------|------|
| HSUPA Band5 Subtest4 | 4233 | 846.6 | 22.54 | PASS |
| HSUPA Band5 Subtest5 | 4233 | 846.6 | 21.89 | PASS |

### 15 Peak-to-Average Ratio

| Band      | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 6.438818182 | 13.00           | PASS    |
| EGPRS1900 | 661     | 1880            | 5.994467066 | 13.00           | PASS    |
| EGPRS1900 | 810     | 1909.8          | 6.803643083 | 13.00           | PASS    |
| EGPRS850  | 128     | 824.2           | 9.240359897 | 13.00           | PASS    |
| EGPRS850  | 189     | 836.4           | 8.941044776 | 13.00           | PASS    |
| EGPRS850  | 251     | 848.8           | 9.097025046 | 13.00           | PASS    |

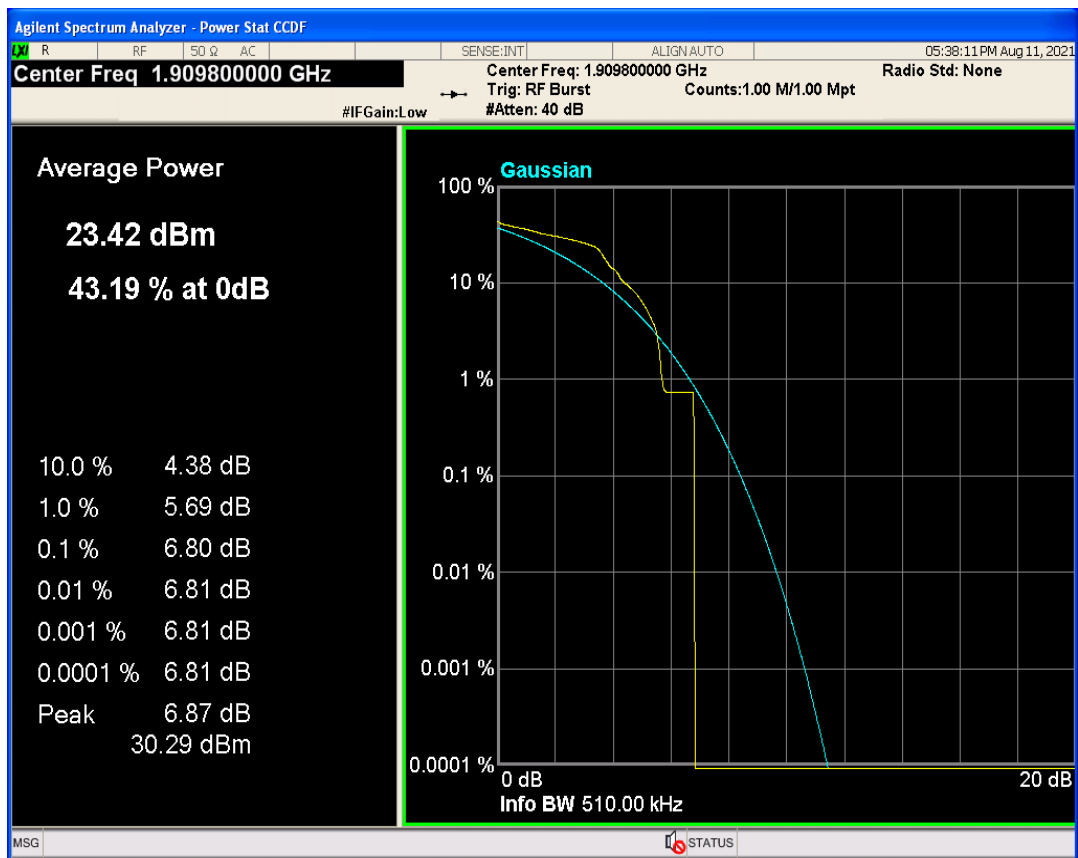
EGPRS1900 Channel=661



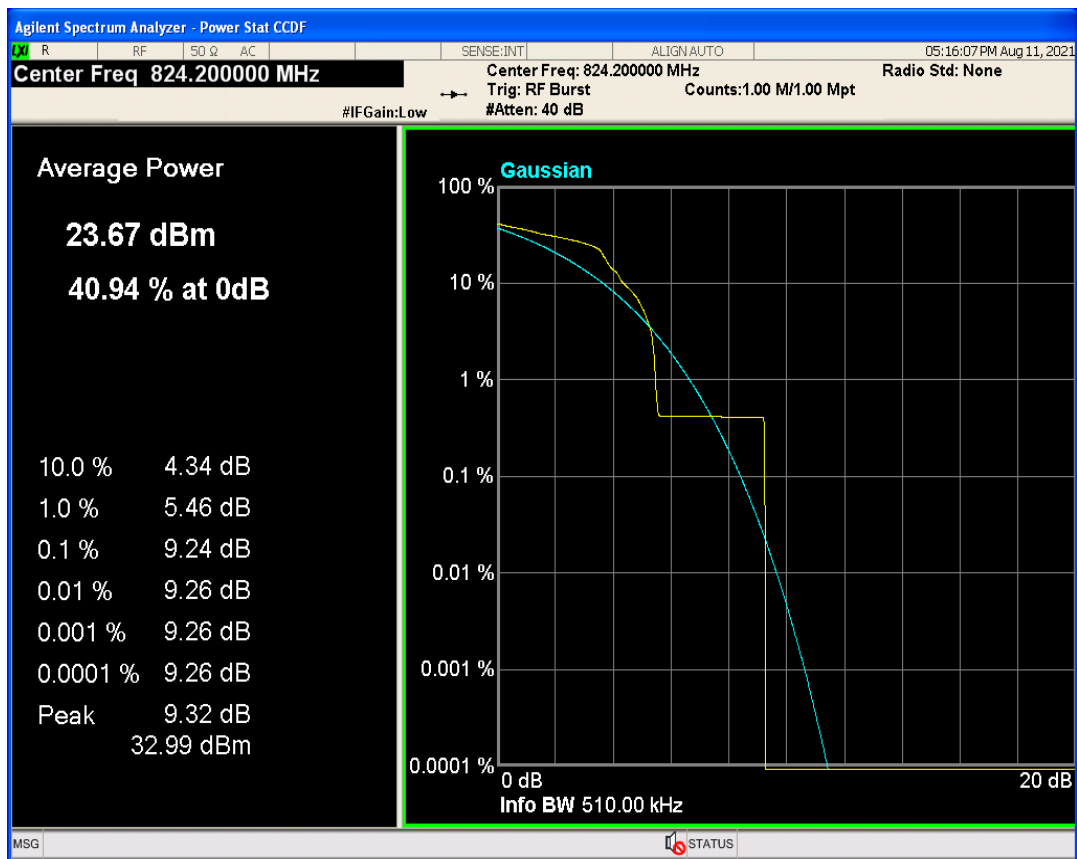
EGPRS1900 Channel=512



EGPRS1900 Channel=810



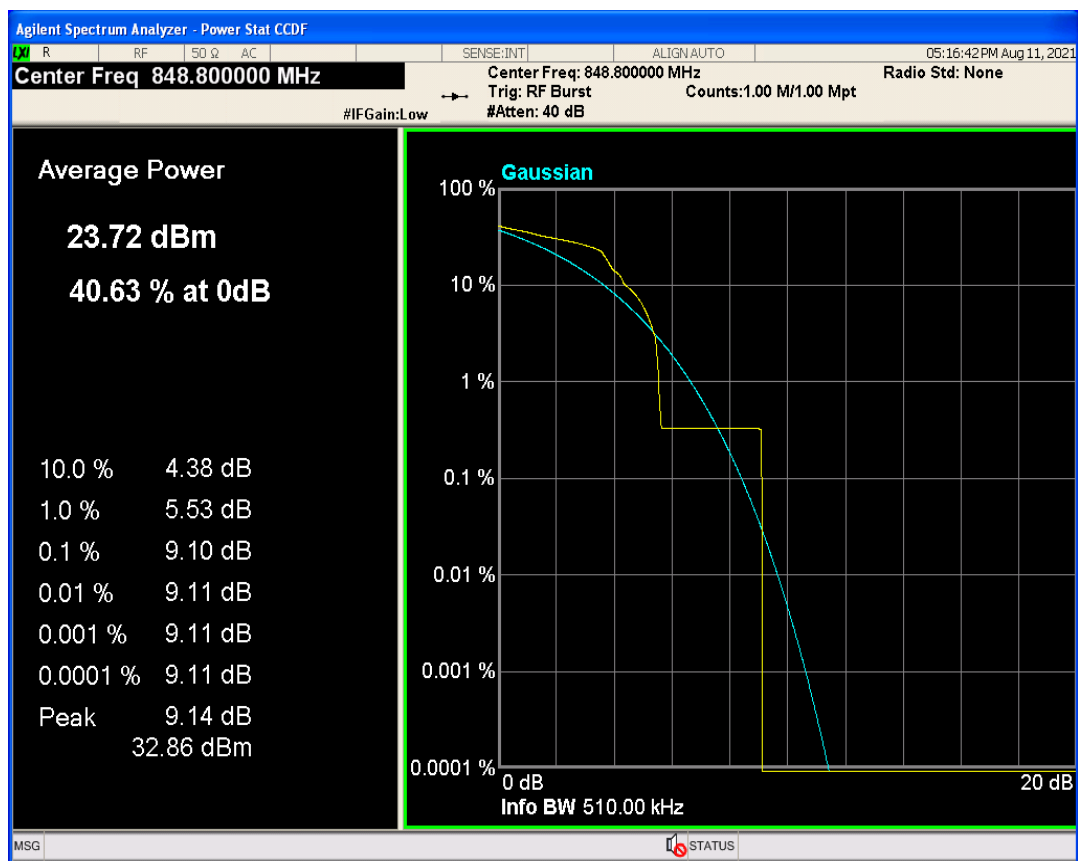
EGPRS850 Channel=128



EGPRS850 Channel=189



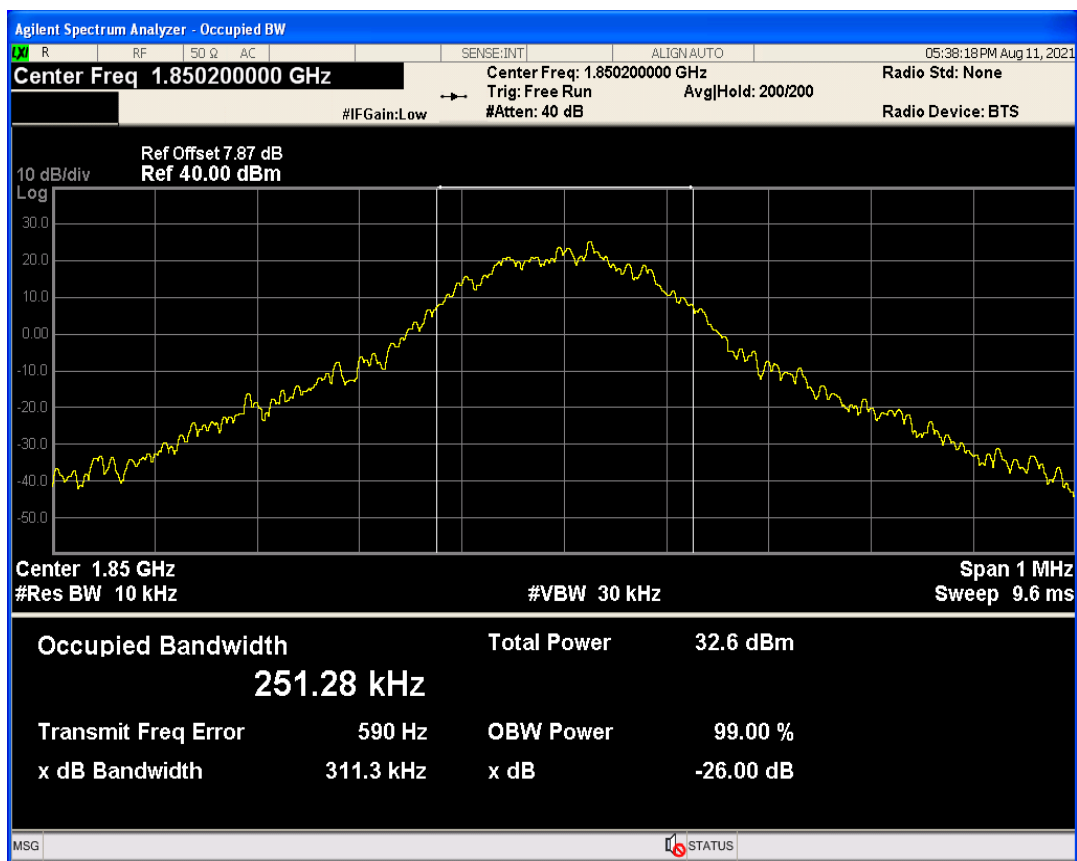
EGPRS850 Channel=251



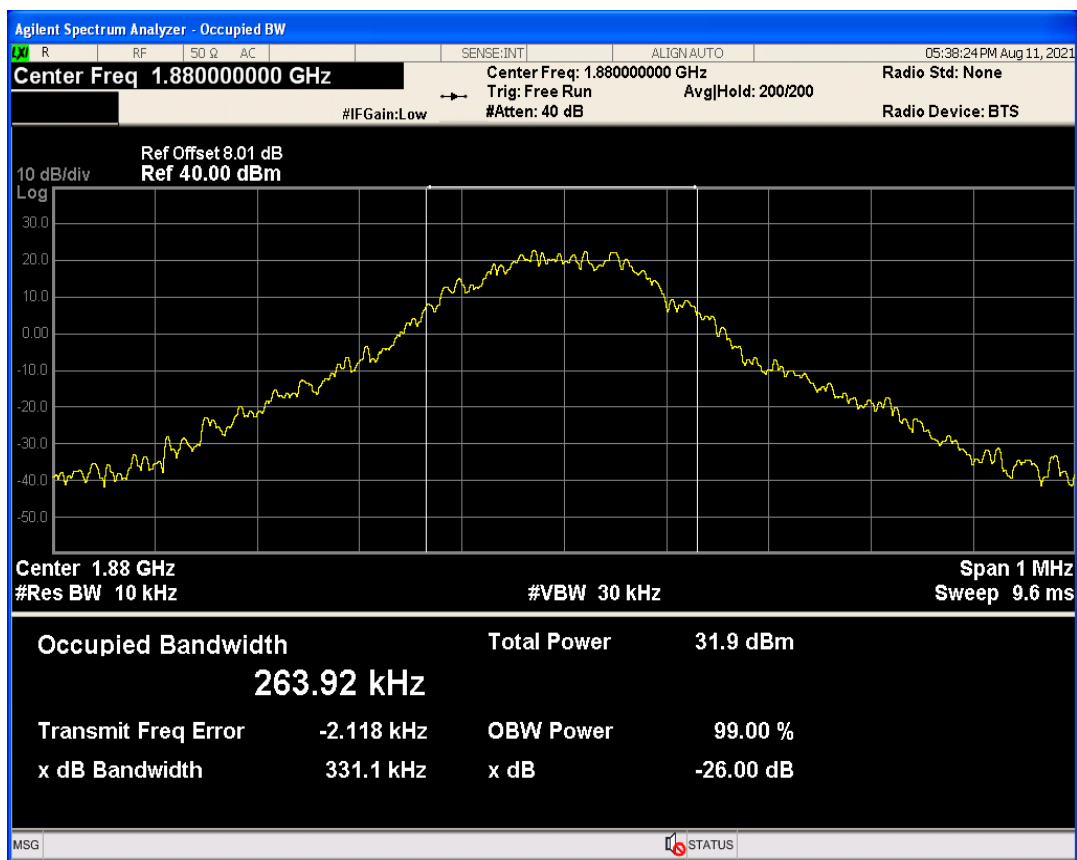
## 16 Occupied bandwidth

| Band      | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512     | 1850.2          | 251.284       | 311.294         | PASS    |
| EGPRS1900 | 661     | 1880            | 263.925       | 331.130         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 257.233       | 335.339         | PASS    |
| EGPRS850  | 128     | 824.2           | 248.572       | 316.331         | PASS    |
| EGPRS850  | 189     | 836.4           | 251.271       | 302.138         | PASS    |
| EGPRS850  | 251     | 848.8           | 244.741       | 289.738         | PASS    |

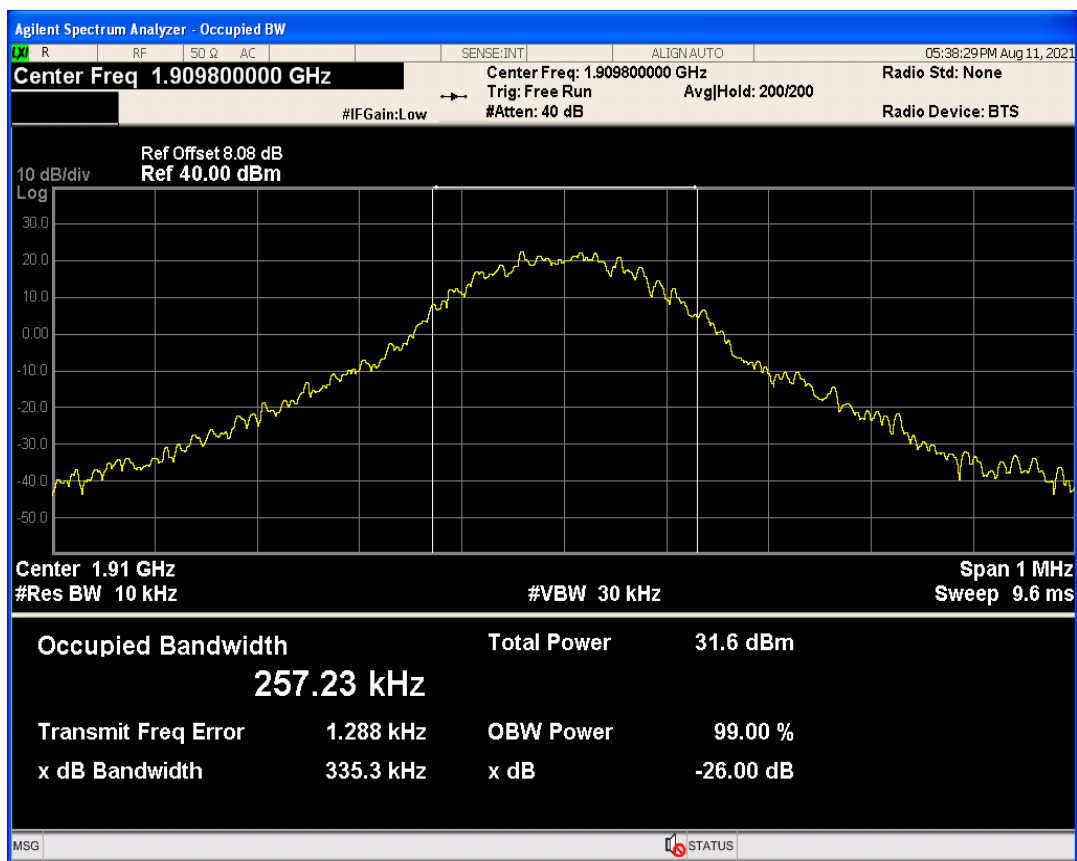
EGPRS1900 Channel=512



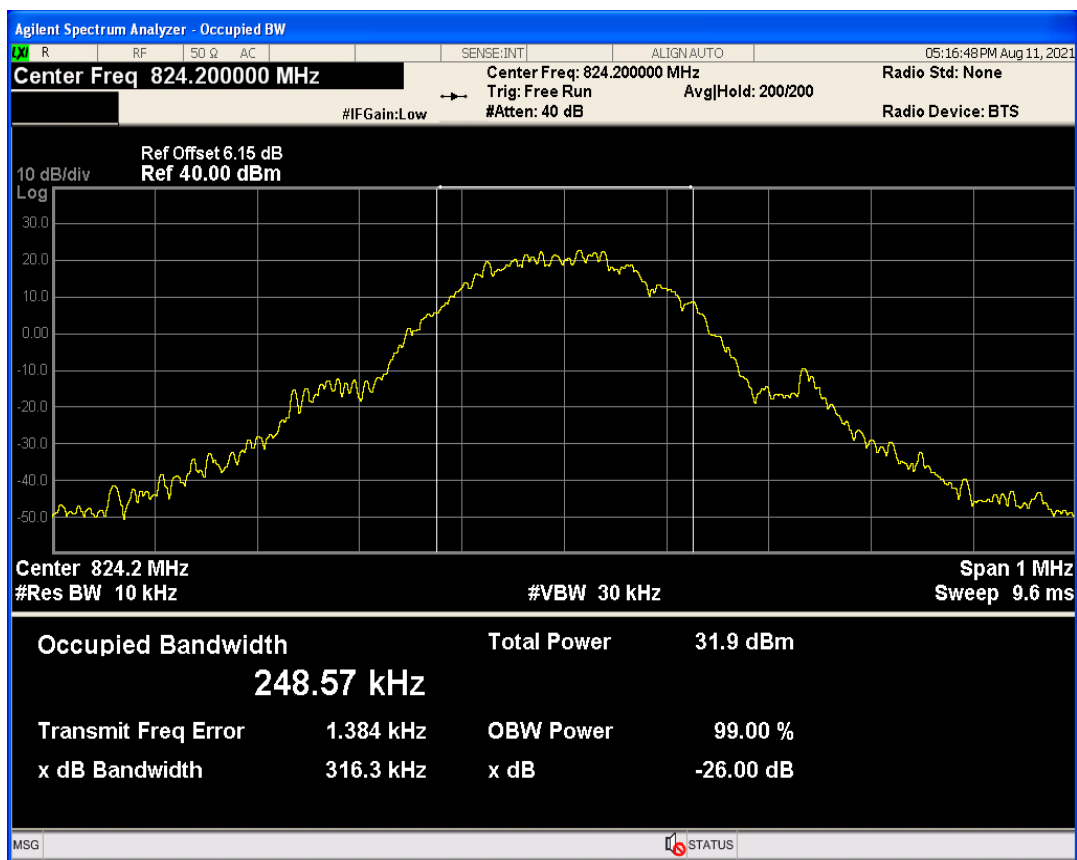
EGPRS1900 Channel=661



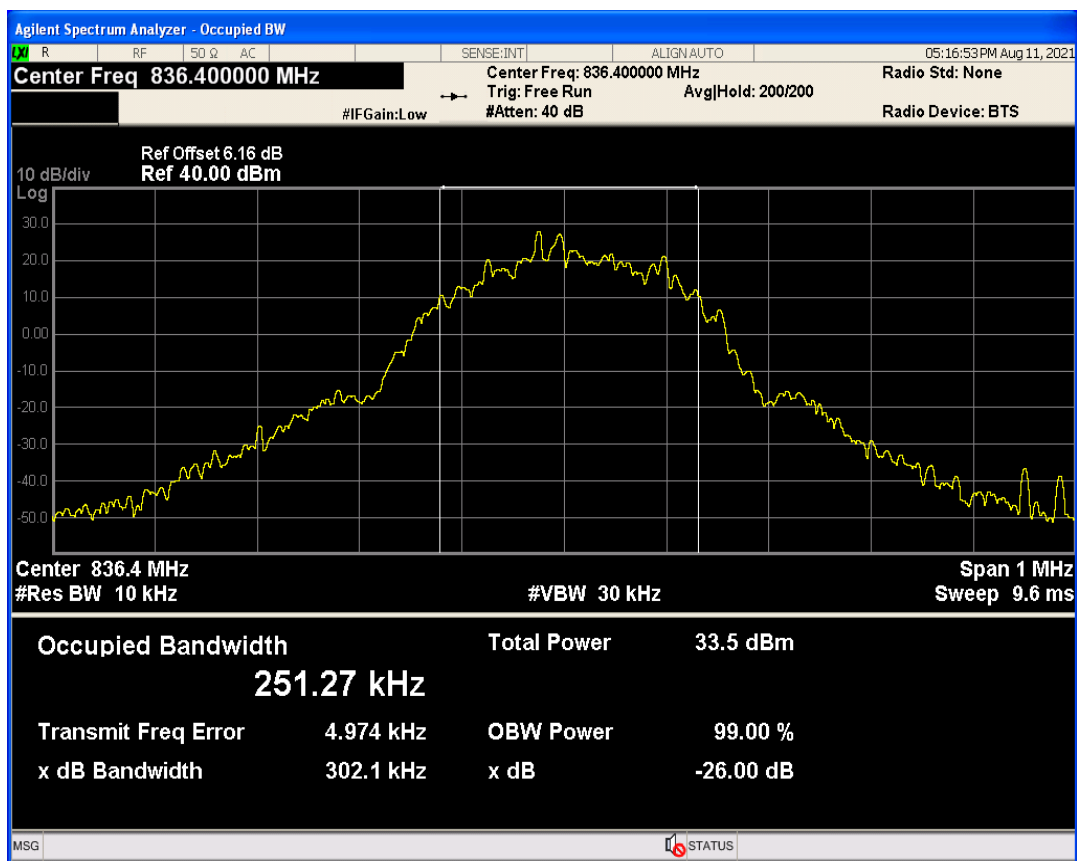
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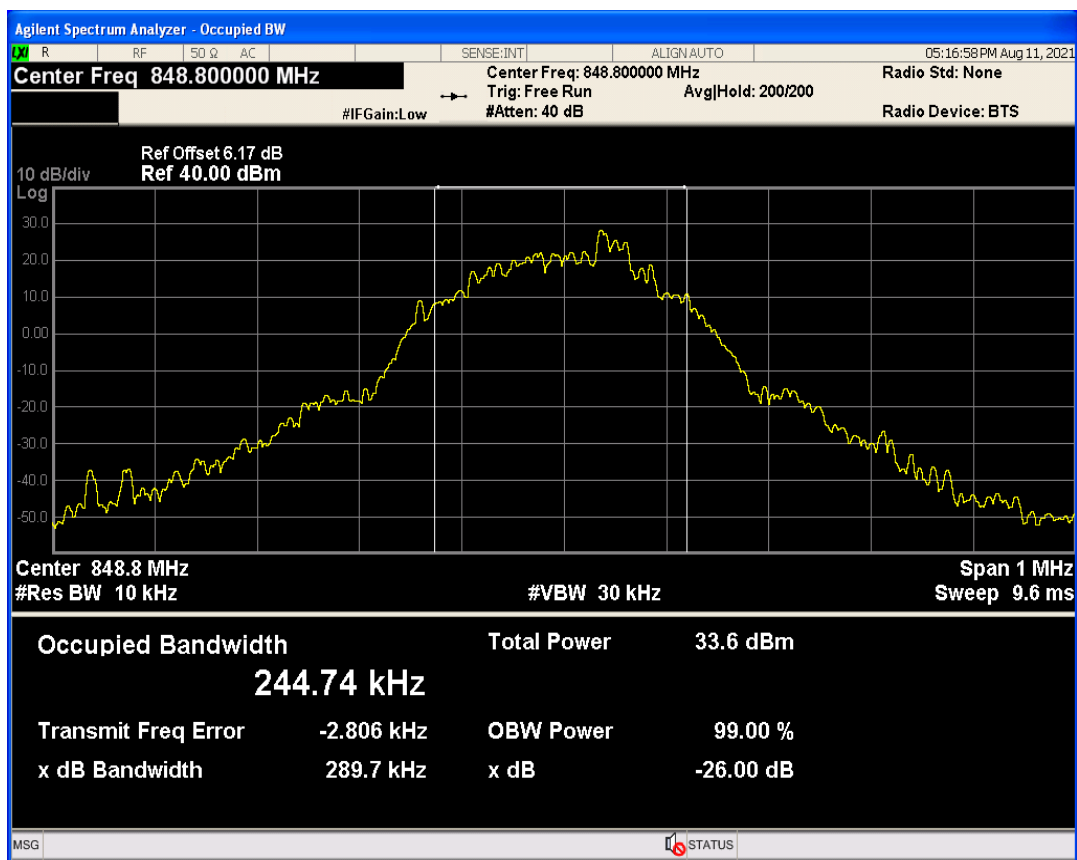
EGPRS850 Channel=128



EGPRS850 Channel=189



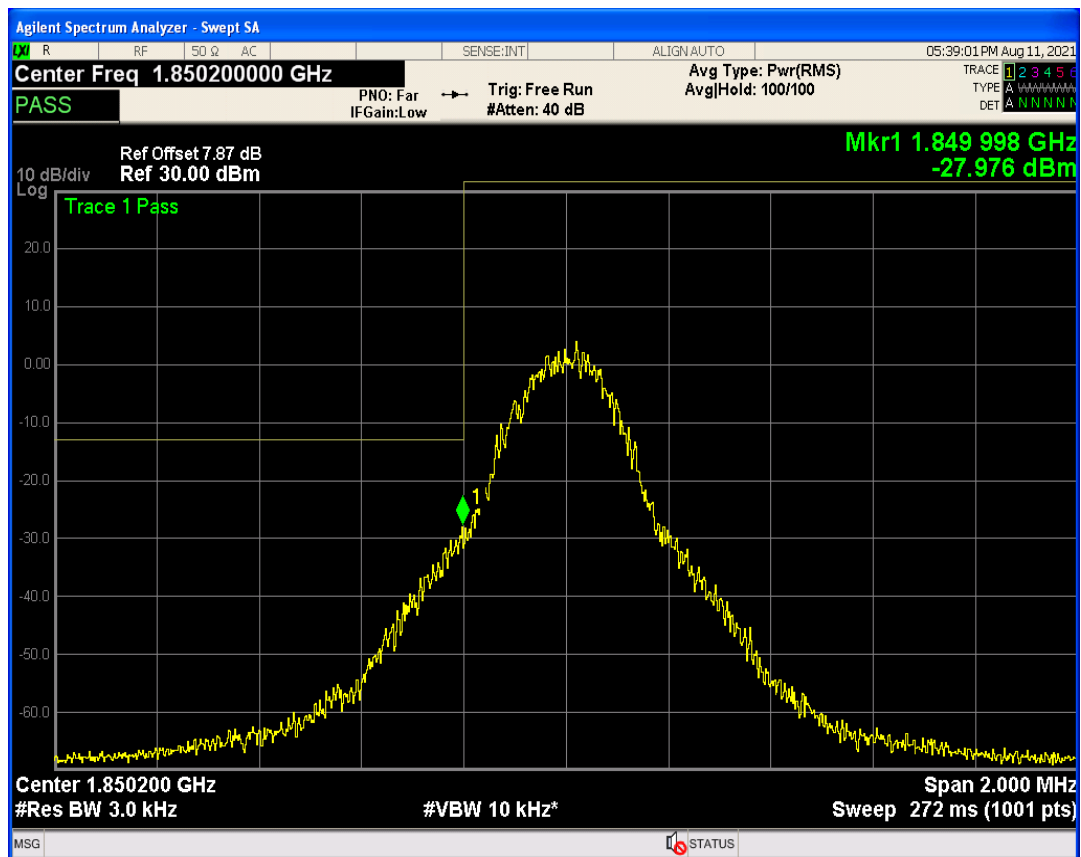
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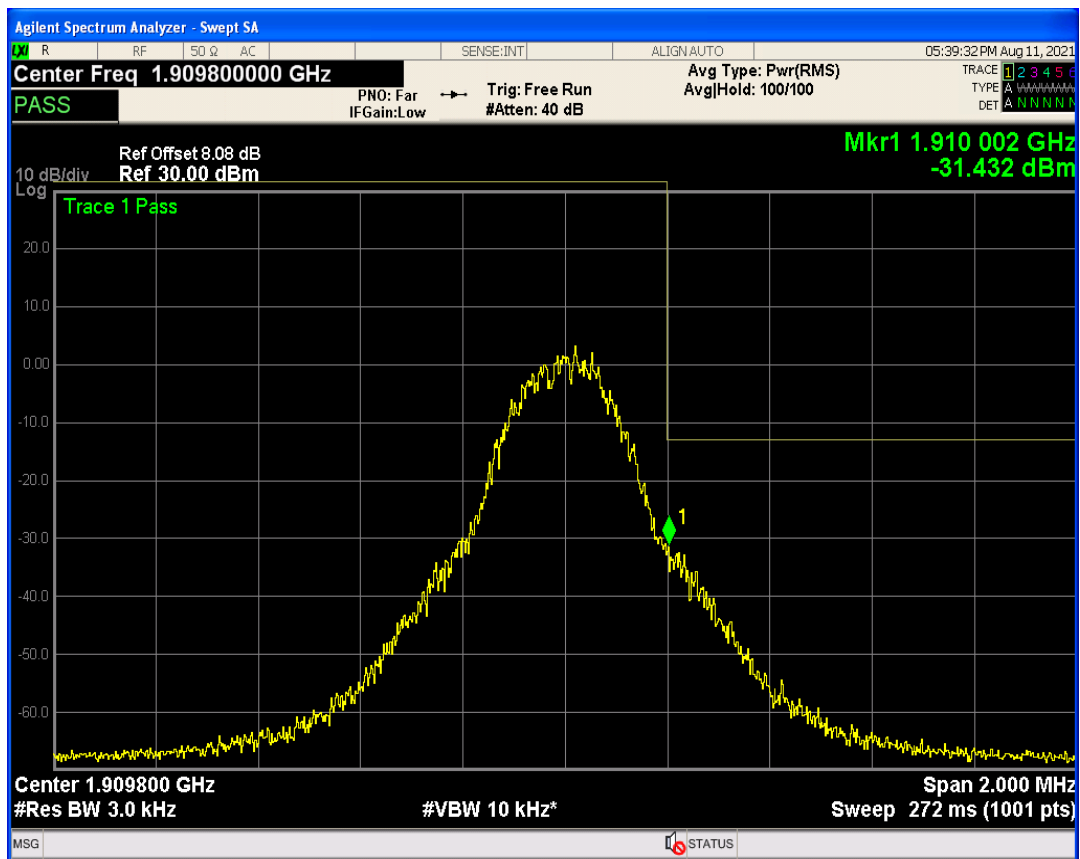
## 17 Band edge

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 1850.00         | -27.97           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 1910.00         | -31.43           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 823.97          | -34.11           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 849.04          | -35.60           | -13         | PASS    |

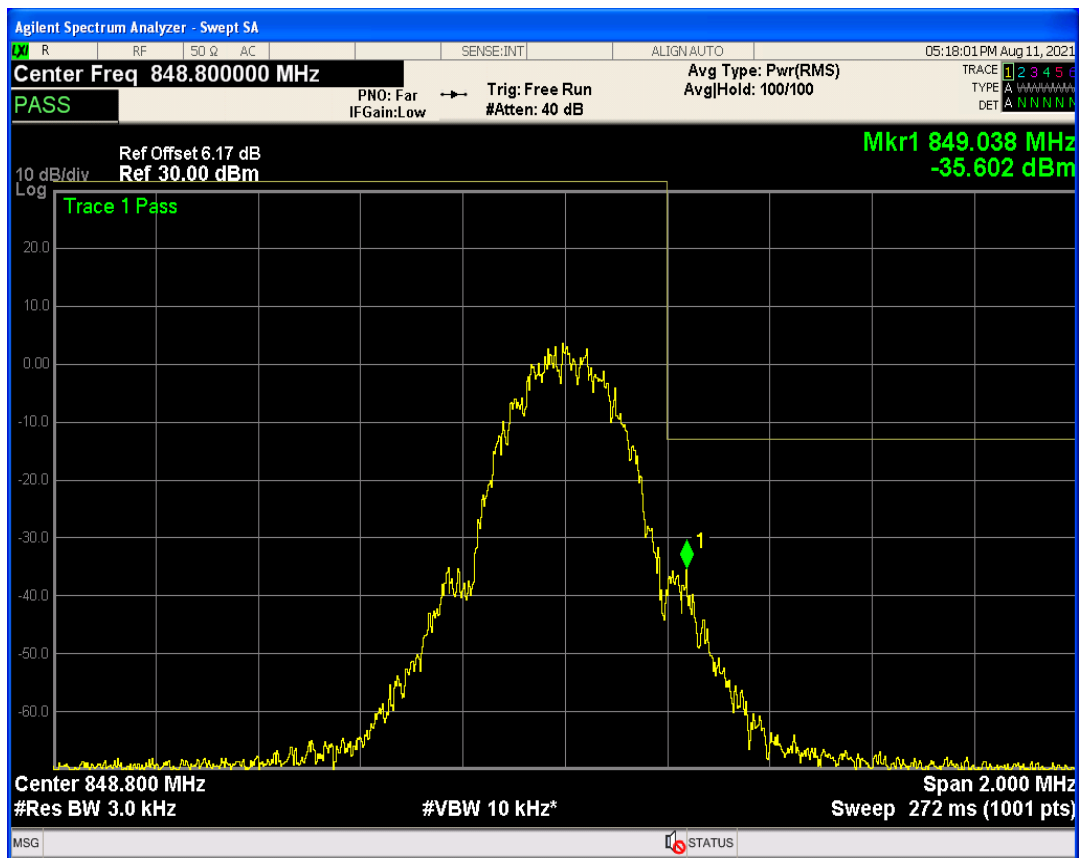
EGPRS1900 Channel=512



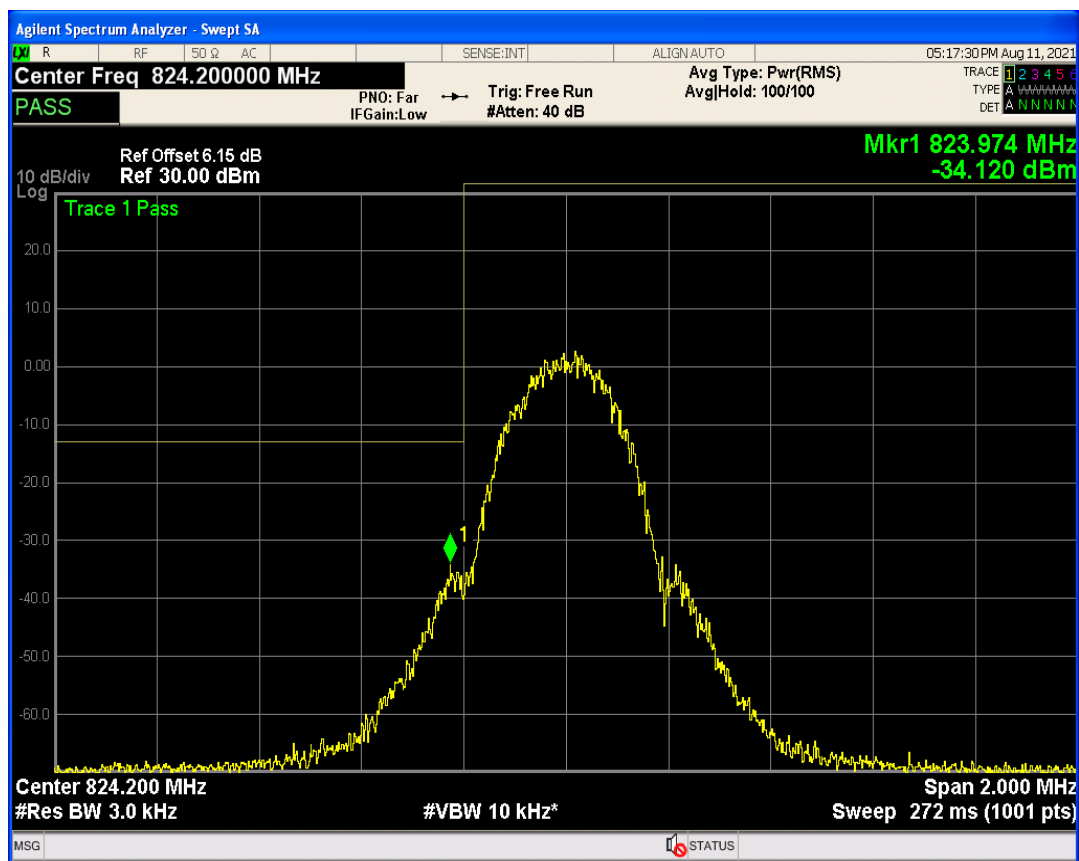
EGPRS1900 Channel=810



EGPRS850 Channel=251



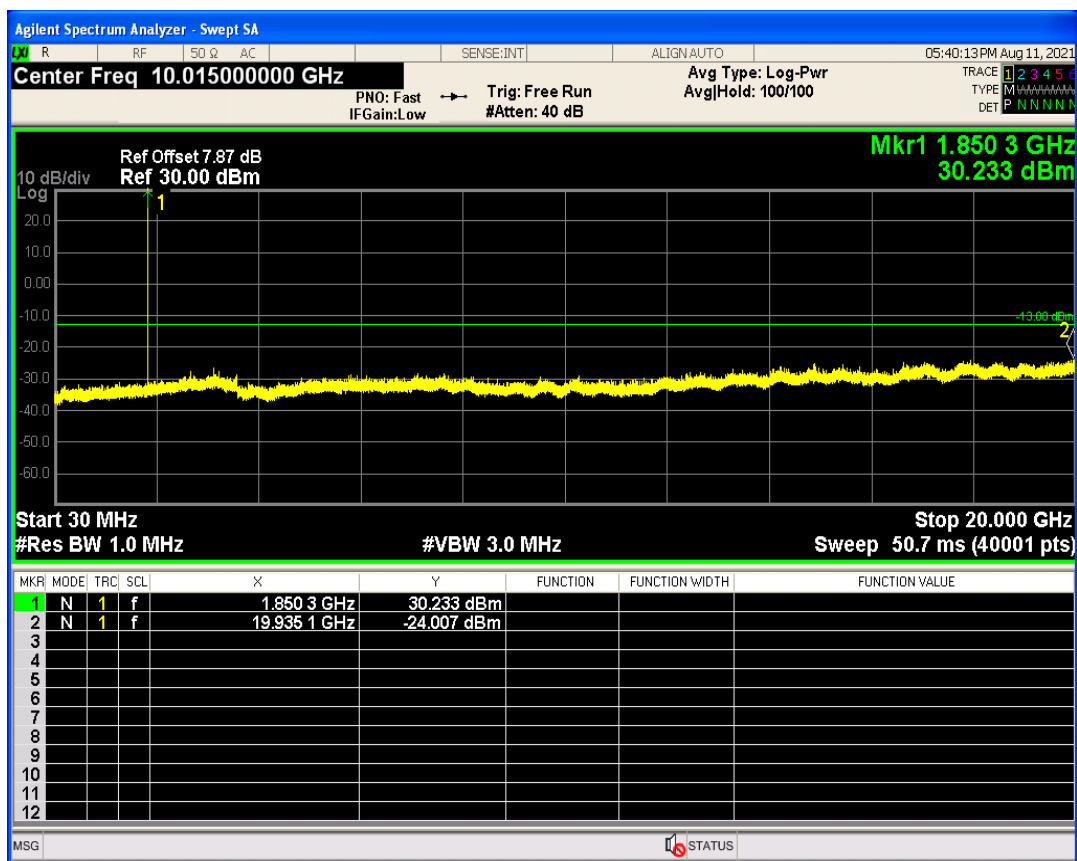
EGPRS850 Channel=128



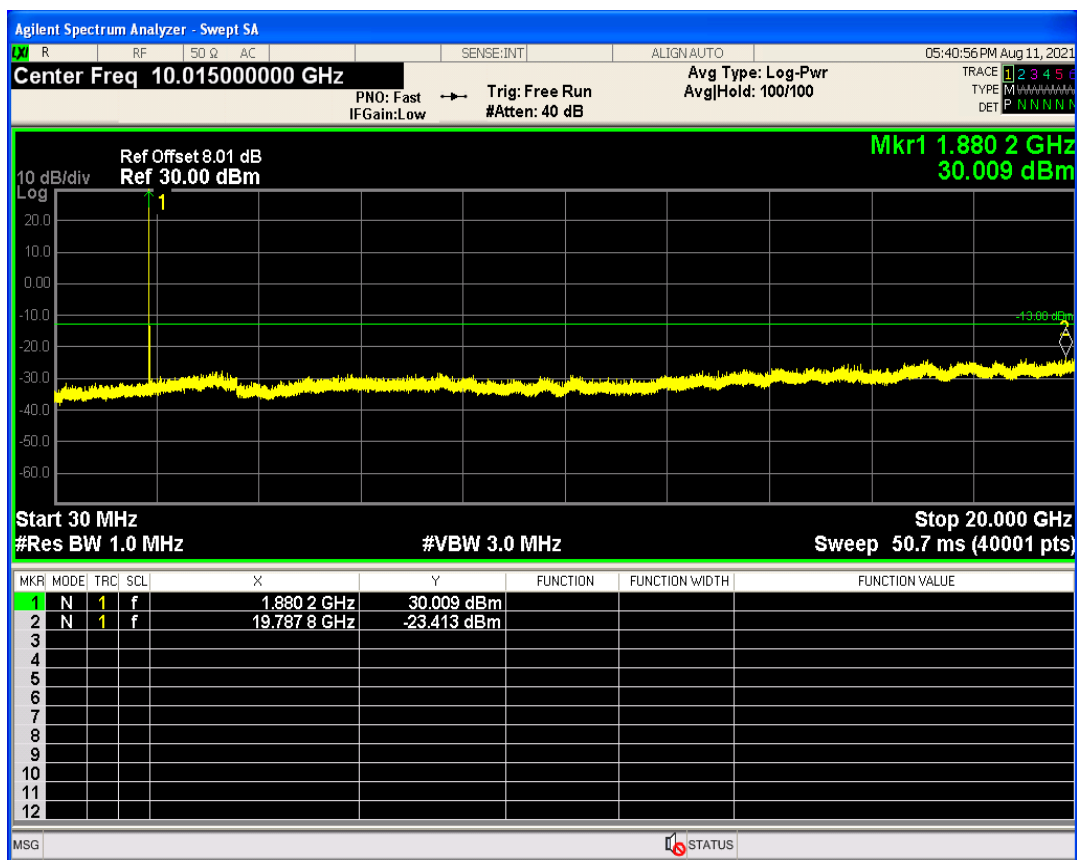
### 18 Out-of-band emissions

| Band      | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512     | 1850.2          | 19935.10        | -24.00           | -13         | PASS    |
| EGPRS1900 | 661     | 1880            | 19787.82        | -23.41           | -13         | PASS    |
| EGPRS1900 | 810     | 1909.8          | 19612.08        | -23.25           | -13         | PASS    |
| EGPRS850  | 128     | 824.2           | 2776.74         | -30.32           | -13         | PASS    |
| EGPRS850  | 189     | 836.4           | 3122.20         | -29.56           | -13         | PASS    |
| EGPRS850  | 251     | 848.8           | 3269.75         | -29.74           | -13         | PASS    |

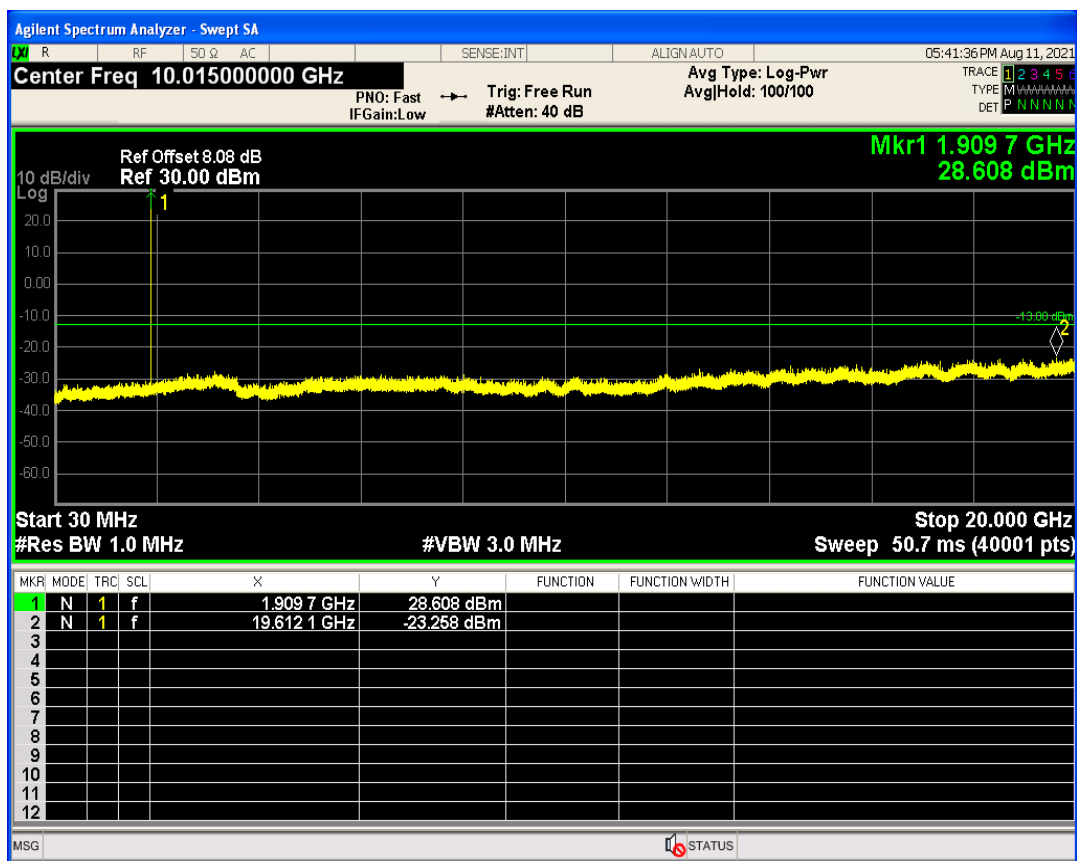
EGPRS1900 Channel=512



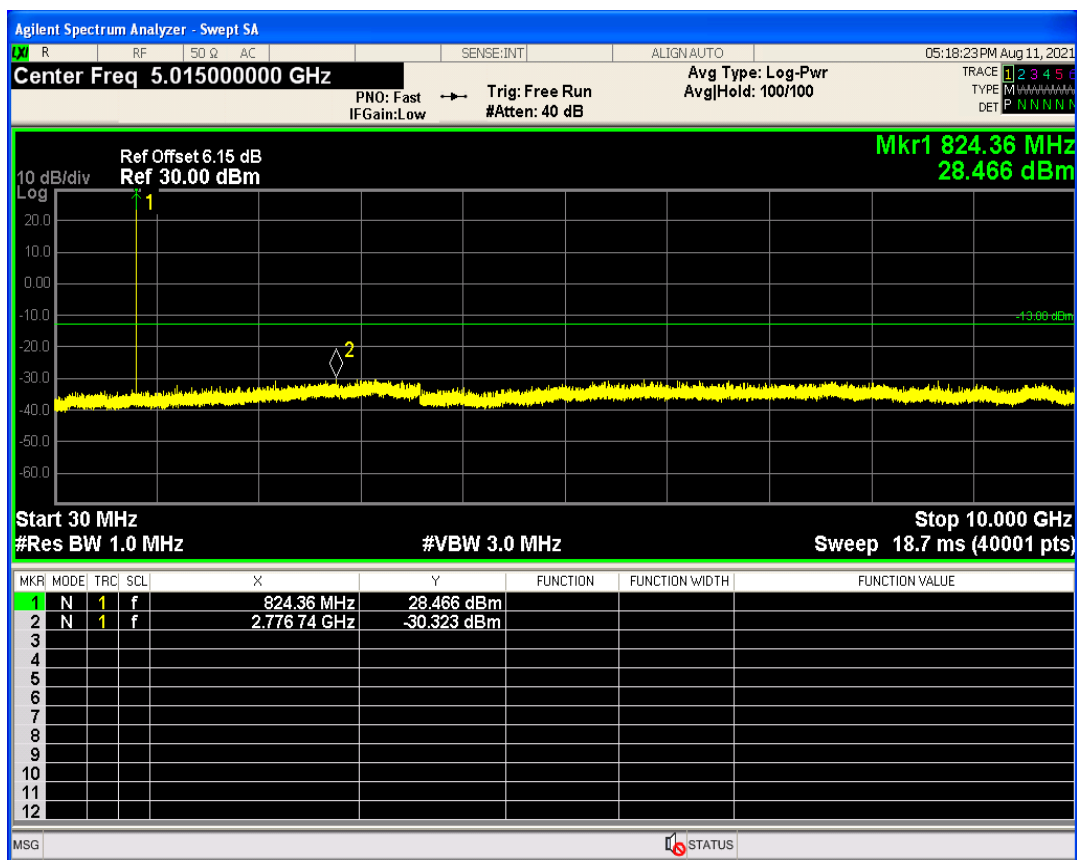
EGPRS1900 Channel=661



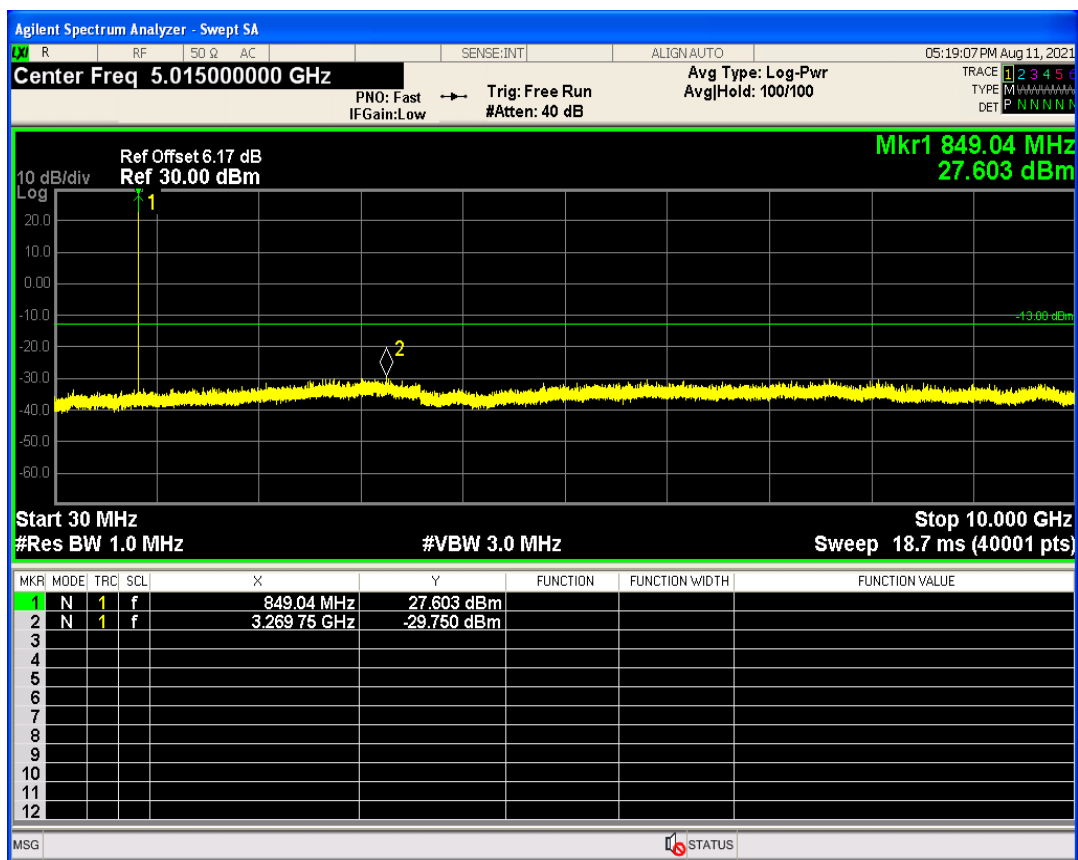
EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=189



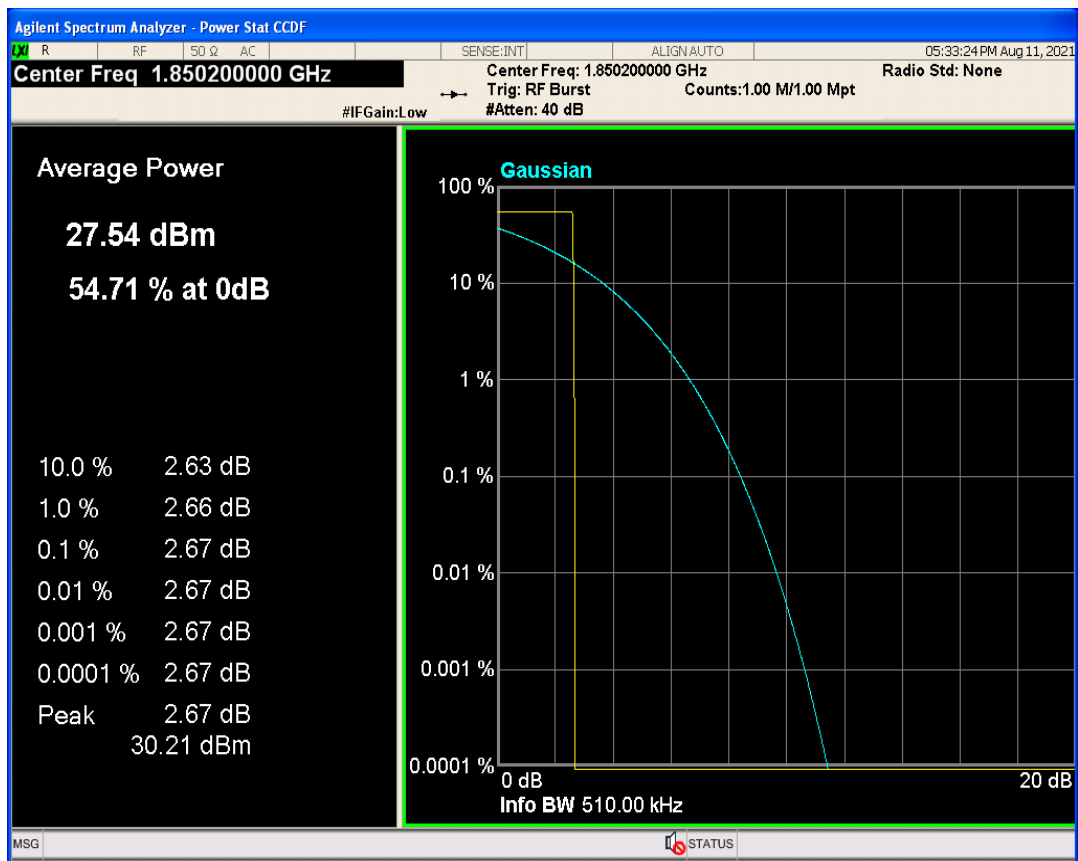
### 09 Peak-to-Average Ratio

| Band     | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 2.665081401 | 13.00           | PASS    |
| GPRS1900 | 661     | 1880            | 2.659621047 | 13.00           | PASS    |
| GPRS1900 | 810     | 1909.8          | 2.658929039 | 13.00           | PASS    |
| GPRS850  | 128     | 824.2           | 2.679414387 | 13.00           | PASS    |
| GPRS850  | 189     | 836.4           | 2.66        | 13.00           | PASS    |
| GPRS850  | 251     | 848.8           | 2.649987584 | 13.00           | PASS    |

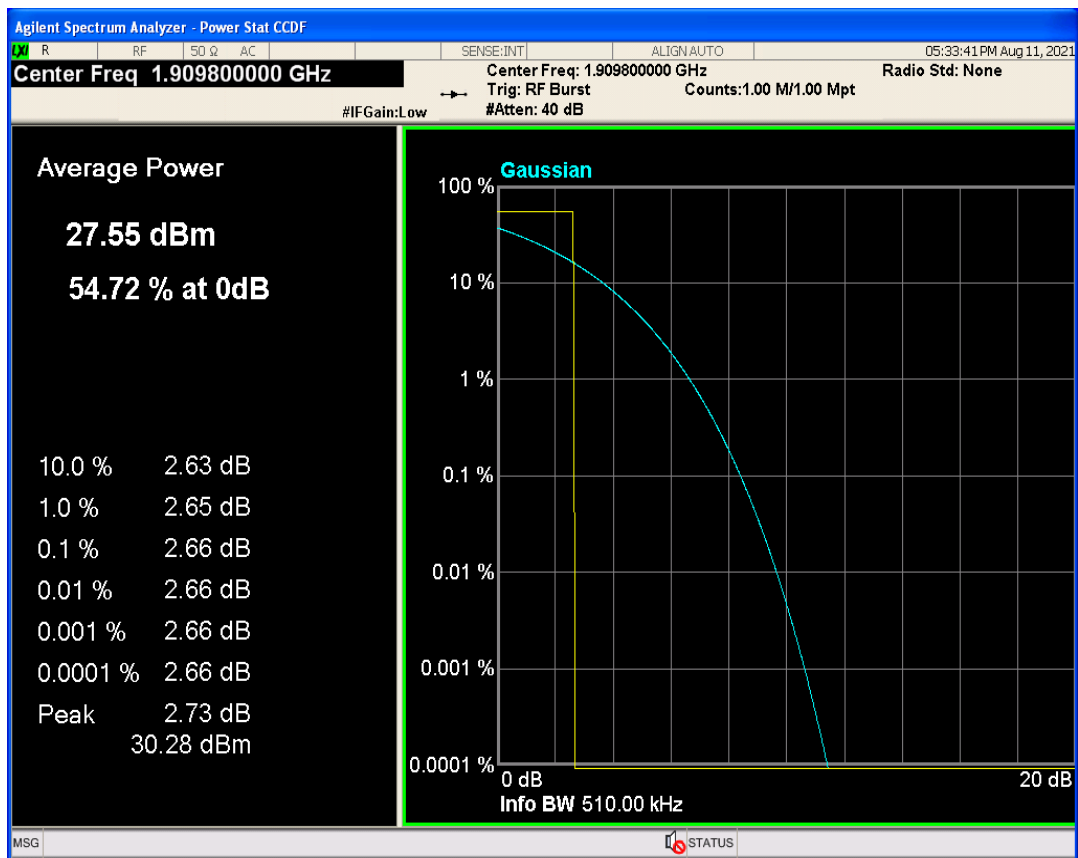
GPRS1900 Channel=661



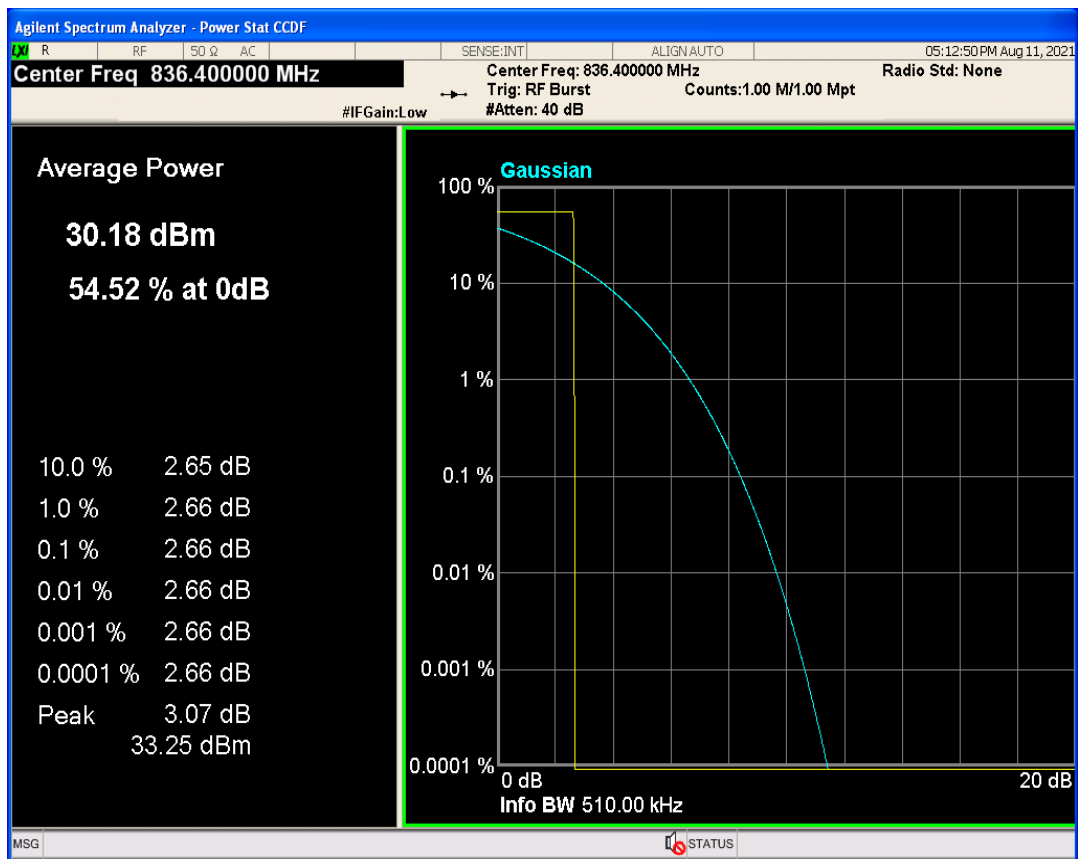
GPRS1900 Channel=512



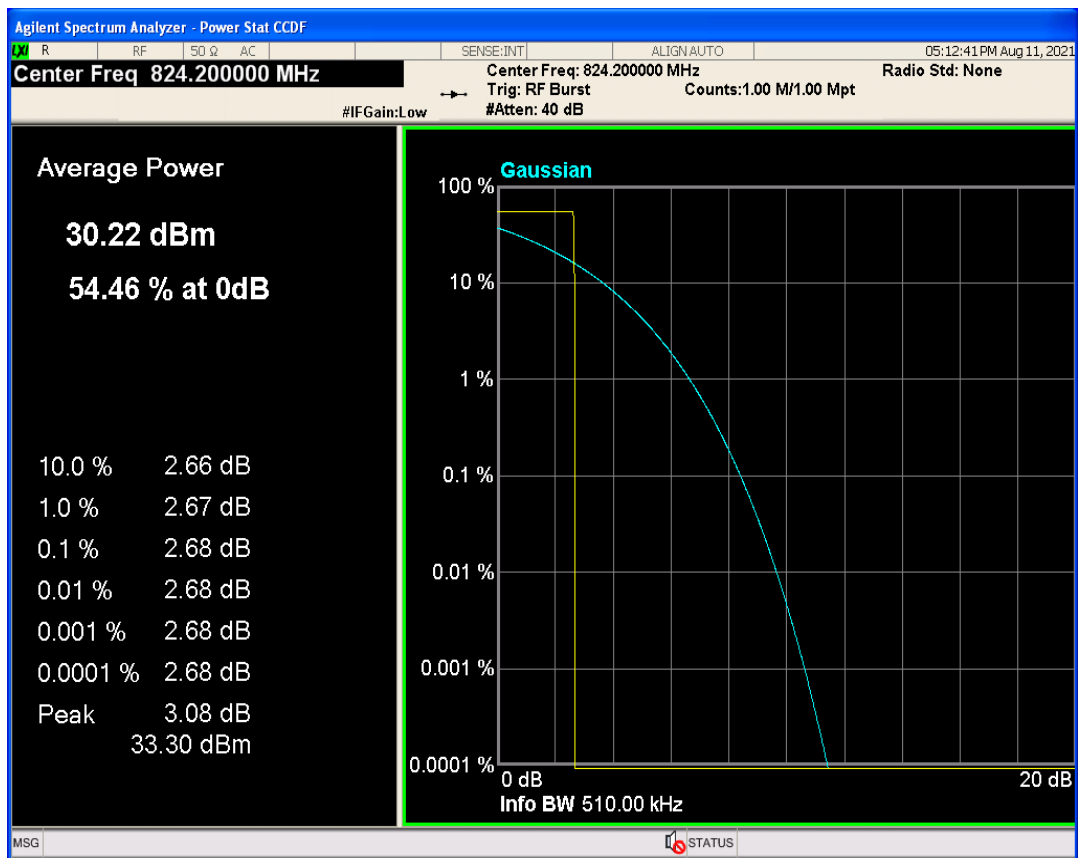
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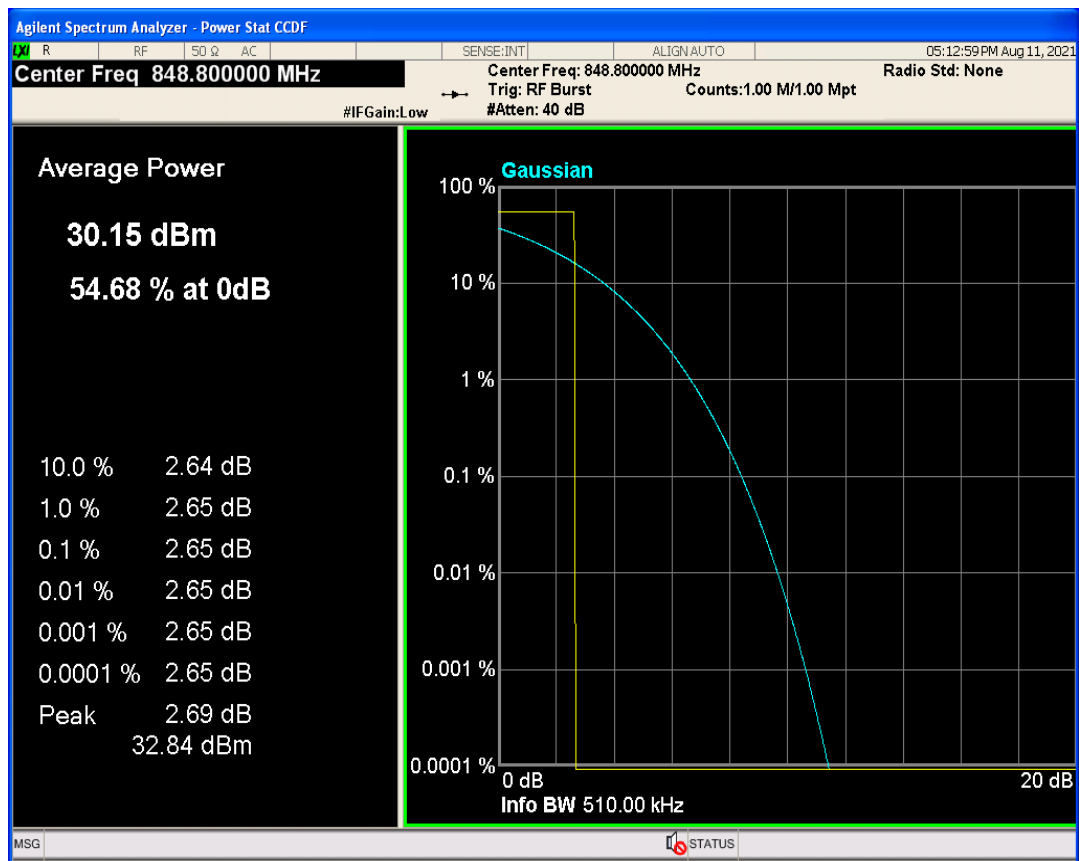
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GPRS850 Channel=128



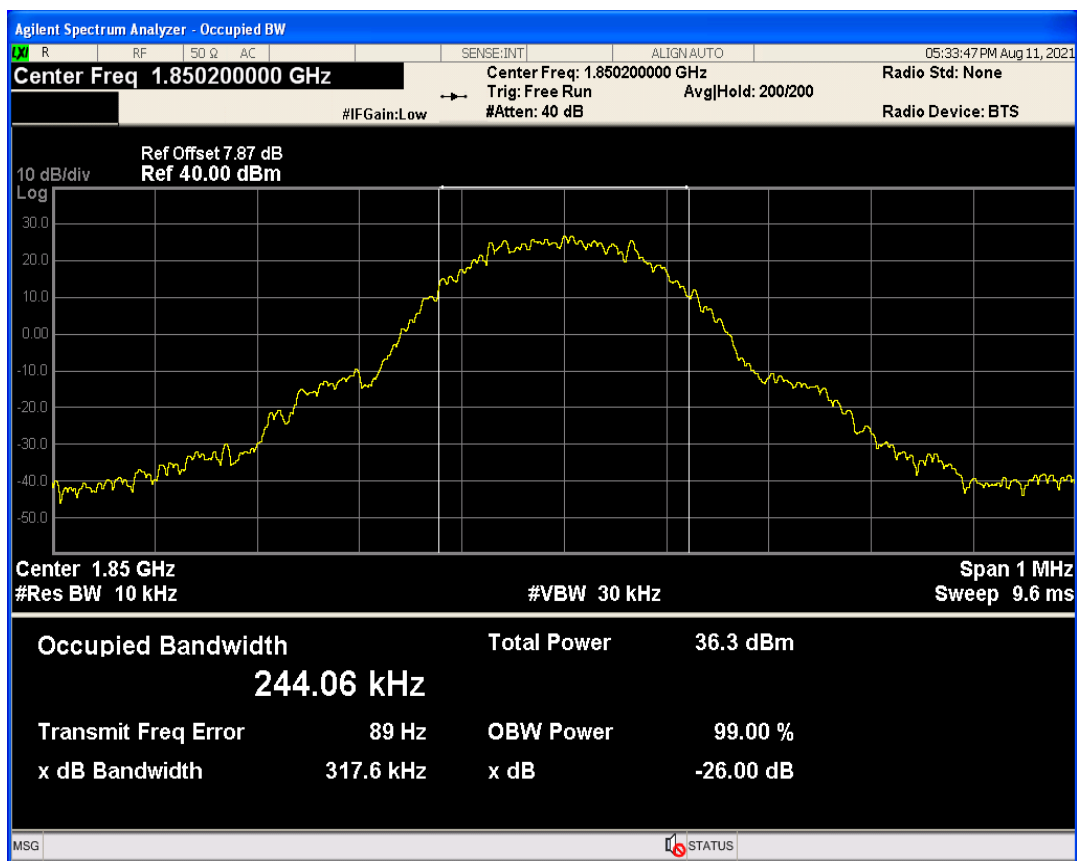
GPRS850 Channel=251



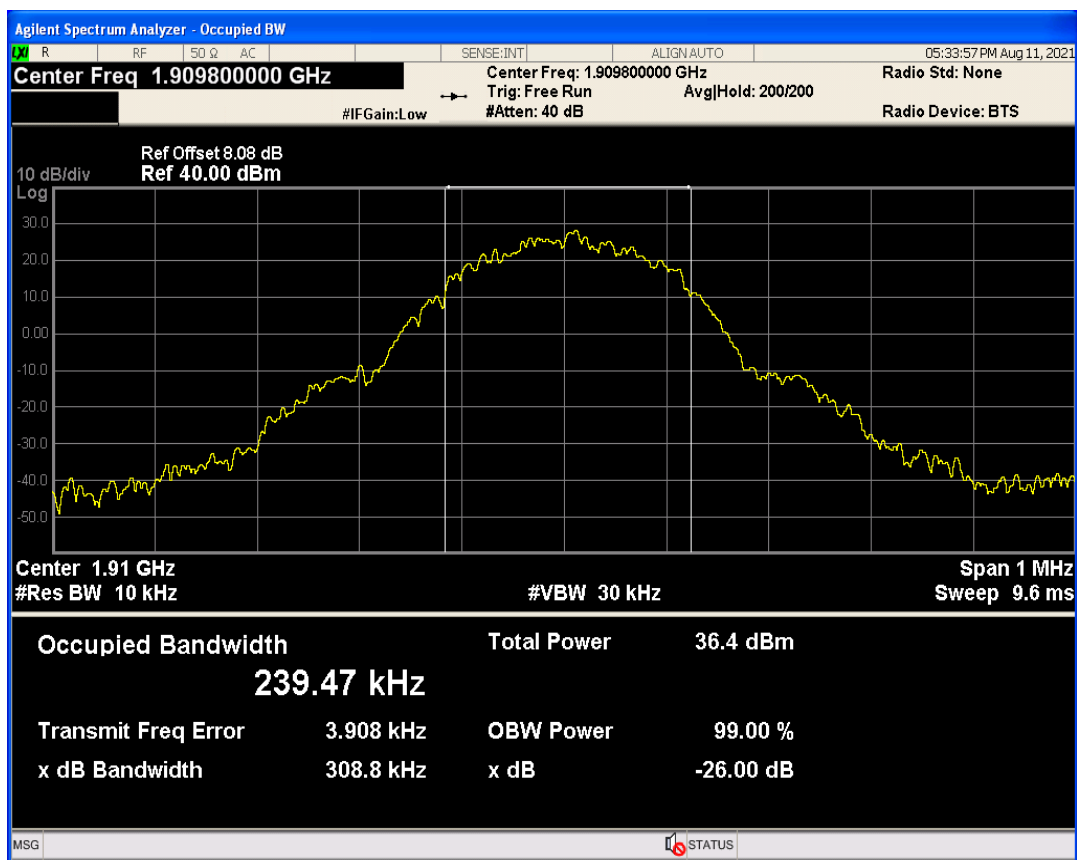
### 10 Occupied bandwidth

| Band     | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512     | 1850.2          | 244.065       | 317.556         | PASS    |
| GPRS1900 | 661     | 1880            | 241.489       | 311.928         | PASS    |
| GPRS1900 | 810     | 1909.8          | 239.472       | 308.830         | PASS    |
| GPRS850  | 128     | 824.2           | 248.191       | 313.972         | PASS    |
| GPRS850  | 189     | 836.4           | 244.535       | 308.015         | PASS    |
| GPRS850  | 251     | 848.8           | 243.798       | 312.860         | PASS    |

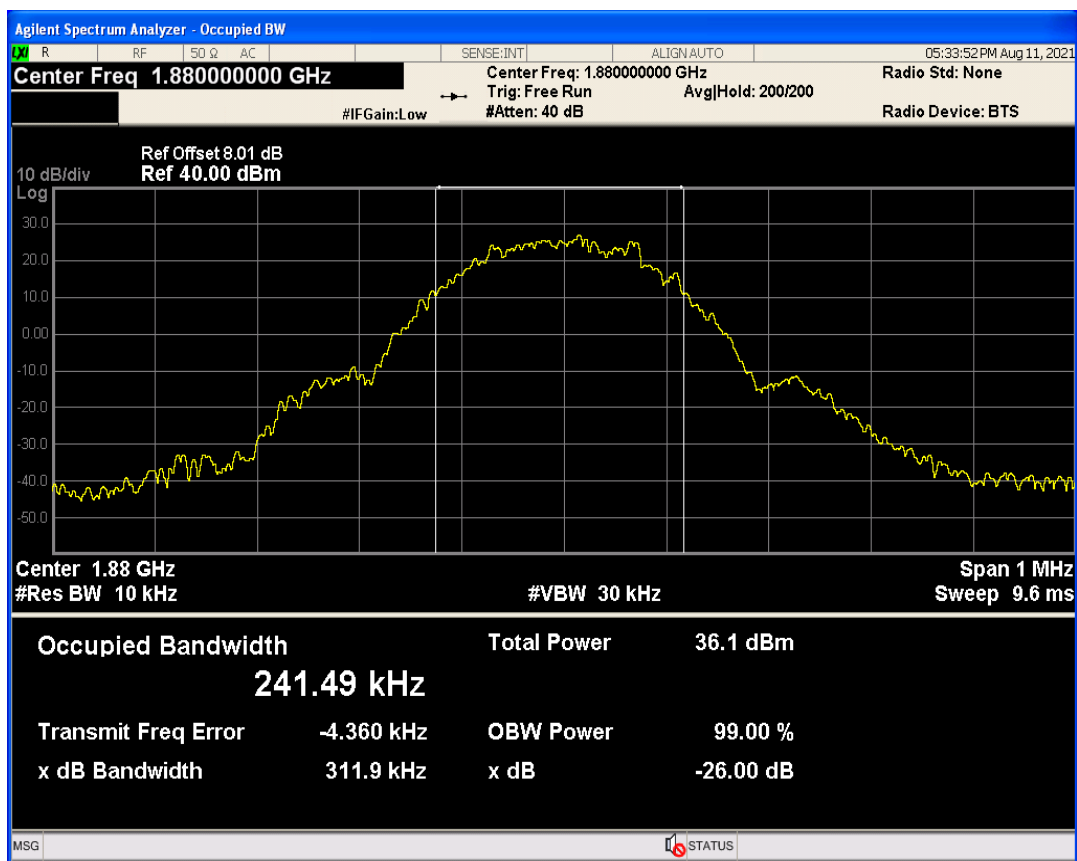
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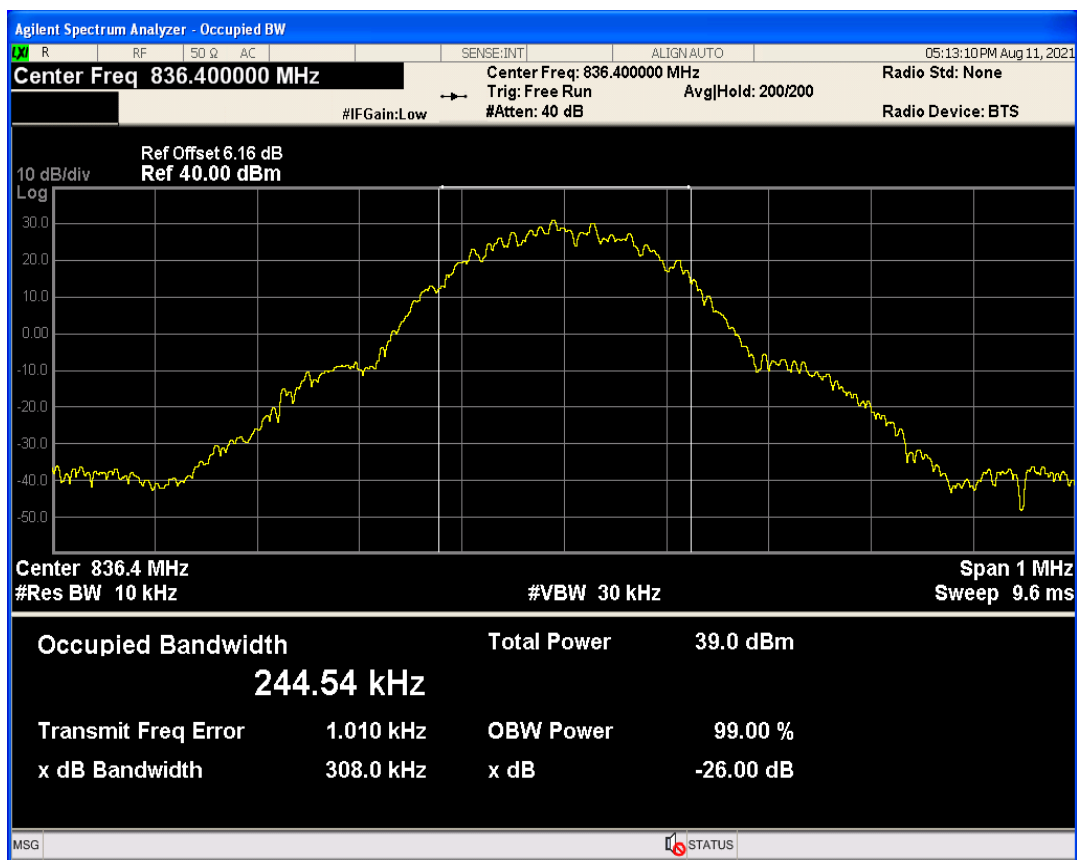
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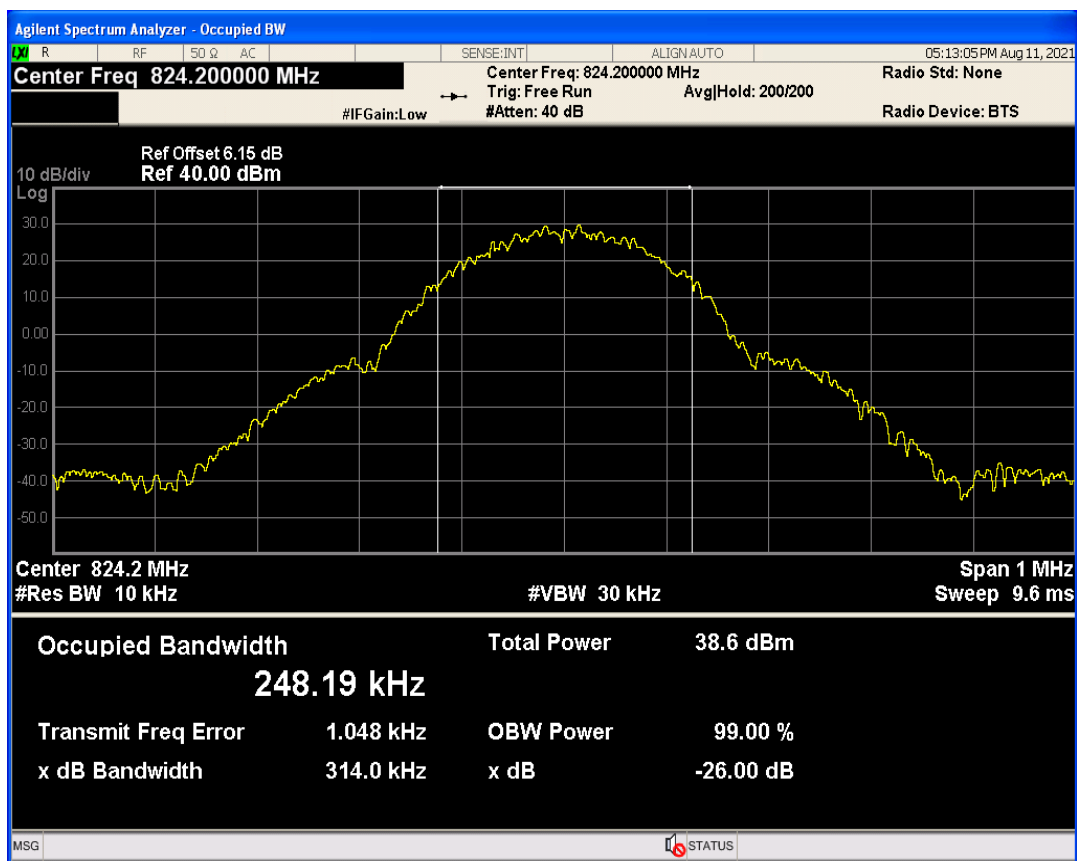
GPRS1900 Channel=661



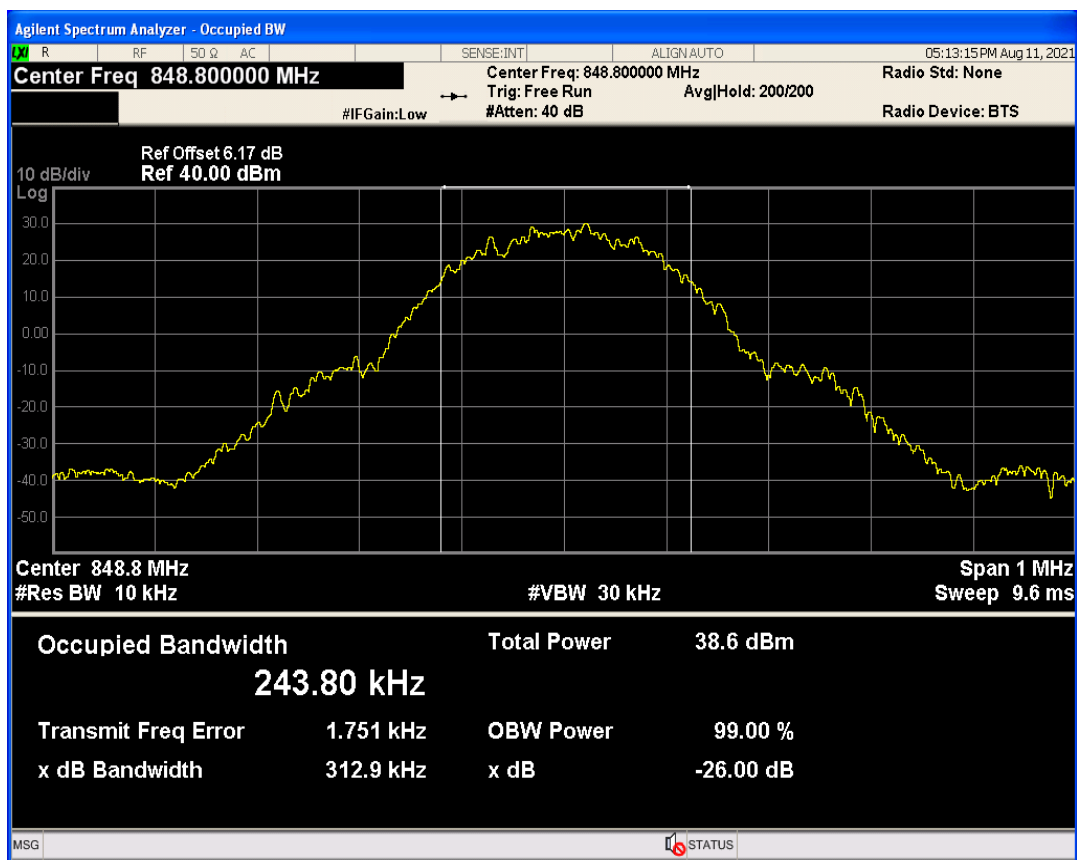
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GPRS850 Channel=128



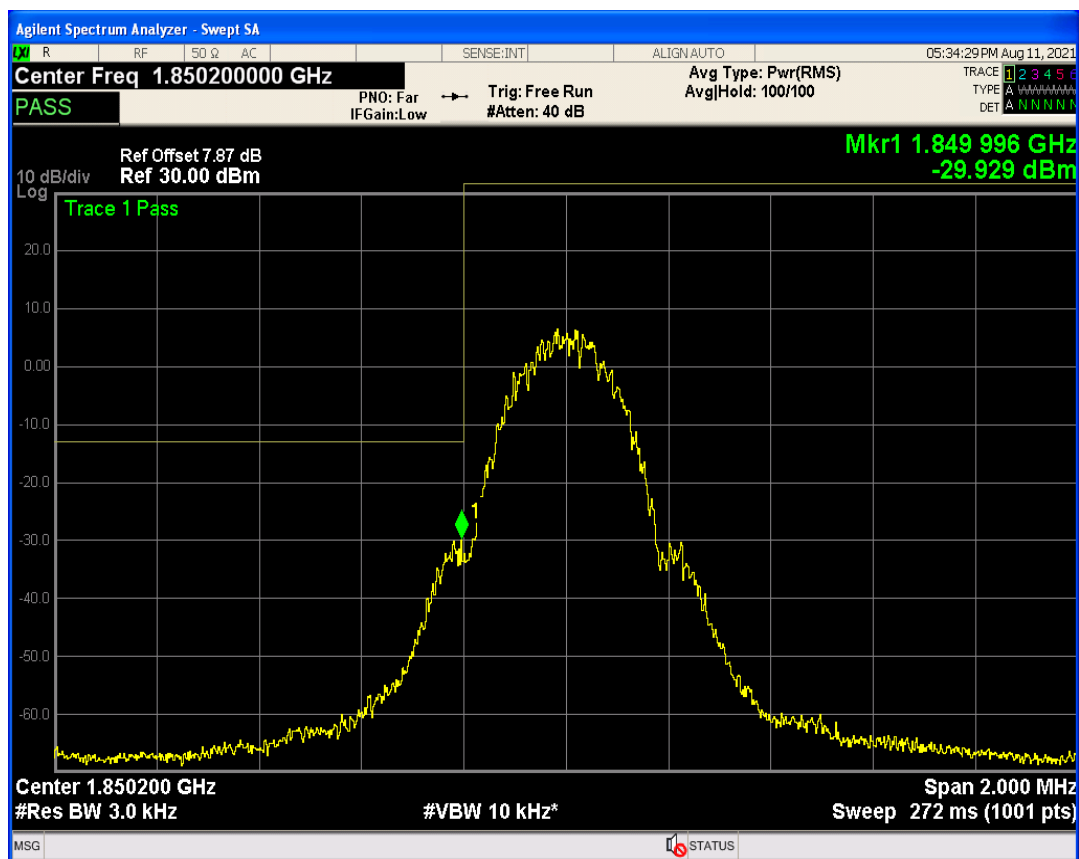
GPRS850 Channel=251



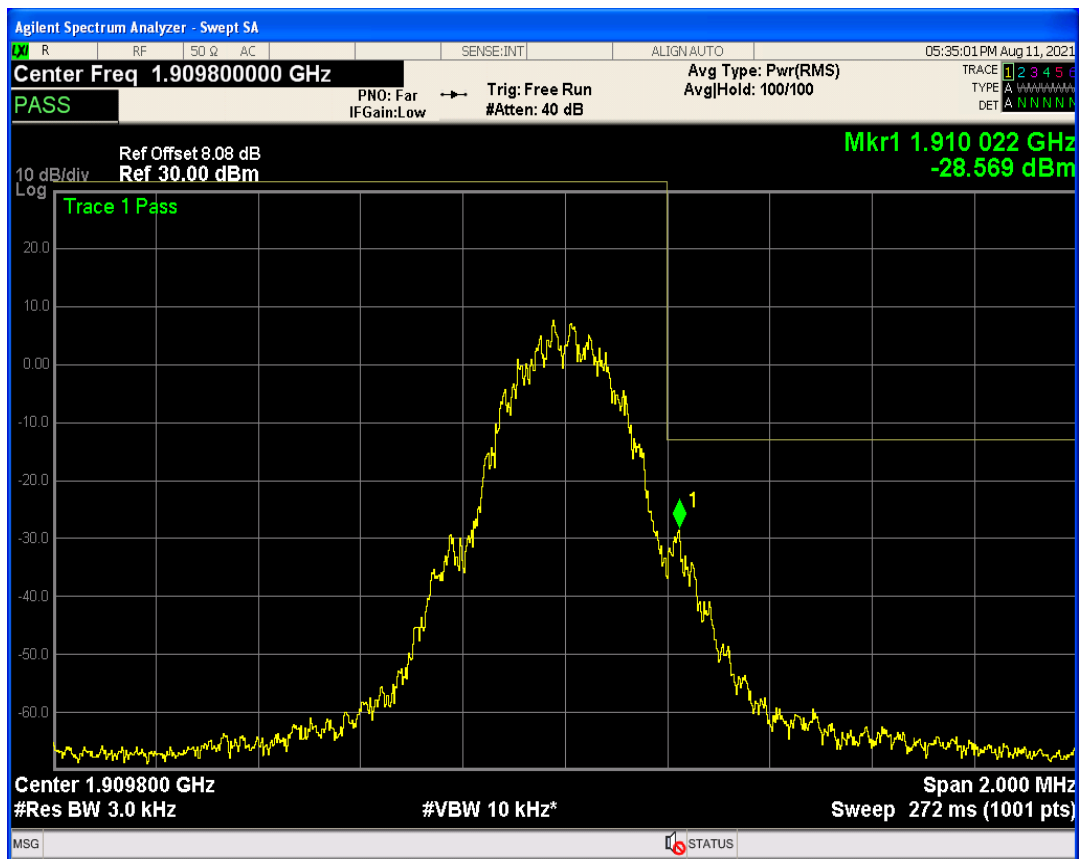
# 11 Band edge

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 1850.00         | -29.92           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 1910.02         | -28.56           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 824.00          | -25.35           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 849.02          | -27.33           | -13         | PASS    |

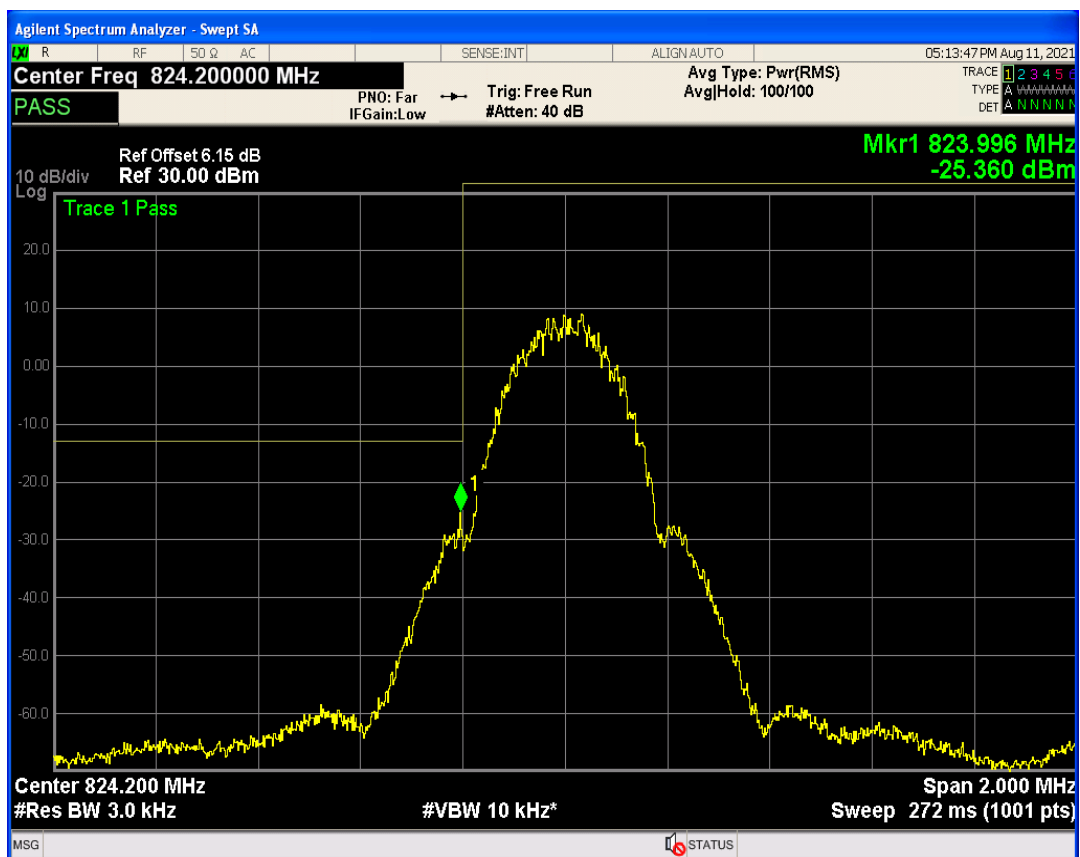
GPRS1900 Channel=512



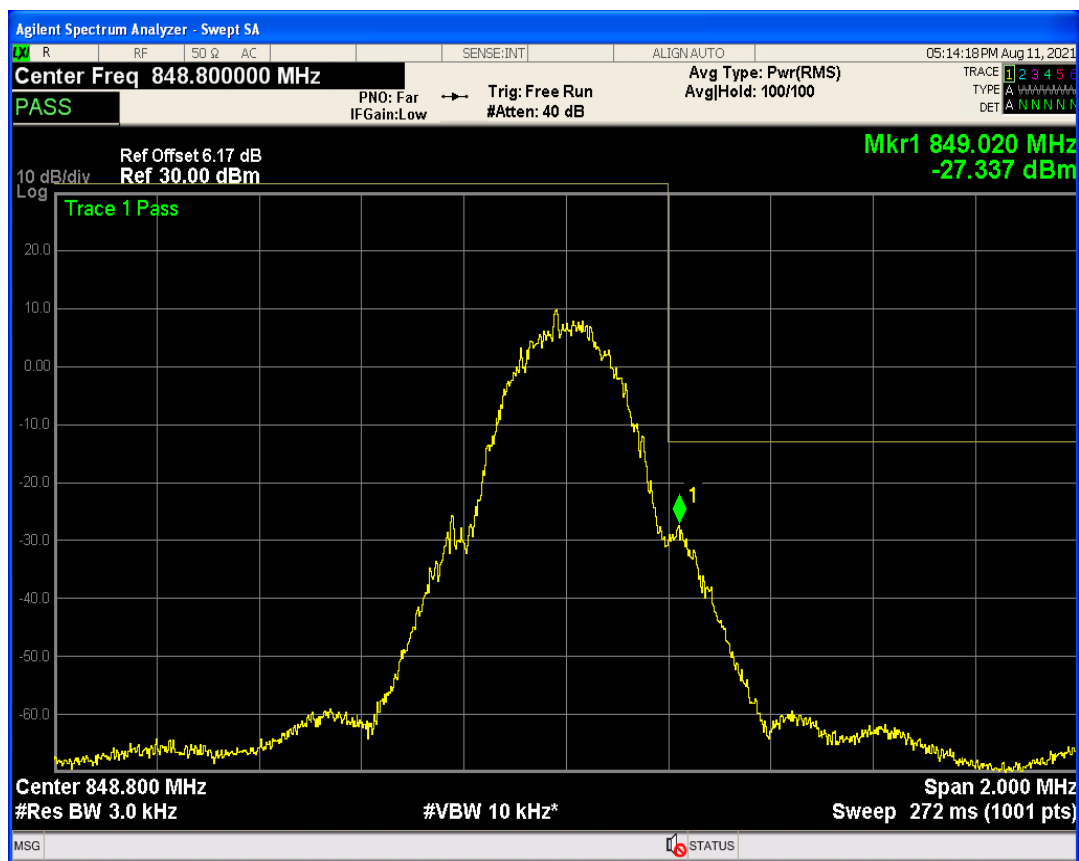
GPRS1900 Channel=810



GPRS850 Channel=128



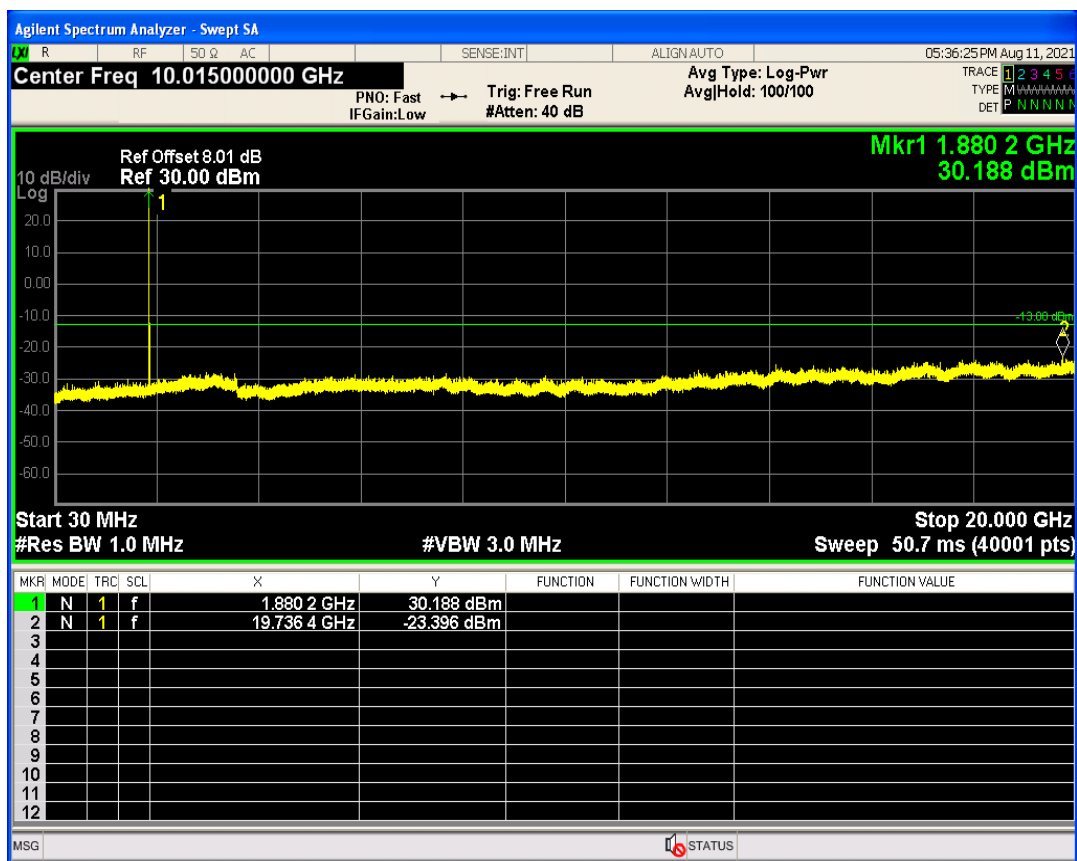
GPRS850 Channel=251



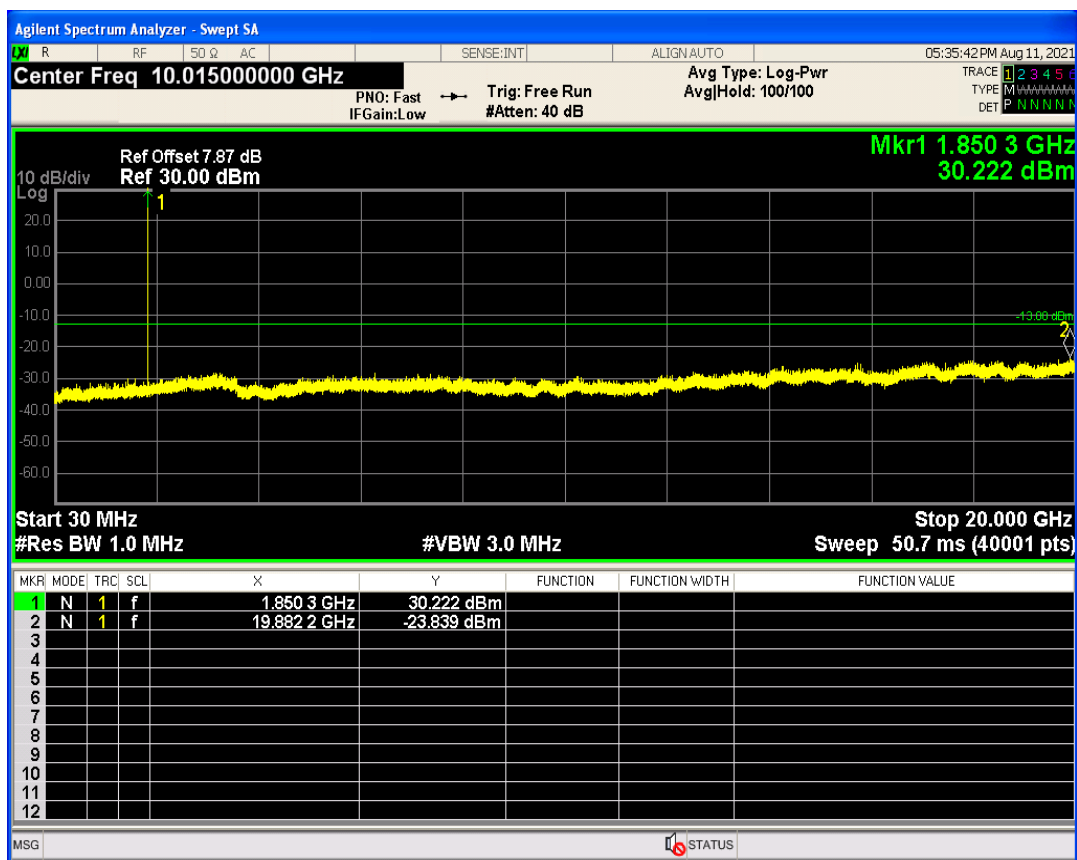
## 12 Out-of-band emissions

| Band     | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512     | 1850.2          | 19882.18        | -23.83           | -13         | PASS    |
| GPRS1900 | 661     | 1880            | 19736.40        | -23.39           | -13         | PASS    |
| GPRS1900 | 810     | 1909.8          | 19922.62        | -22.61           | -13         | PASS    |
| GPRS850  | 128     | 824.2           | 3011.53         | -30.24           | -13         | PASS    |
| GPRS850  | 189     | 836.4           | 1673.06         | -30.04           | -13         | PASS    |
| GPRS850  | 251     | 848.8           | 3140.39         | -29.81           | -13         | PASS    |

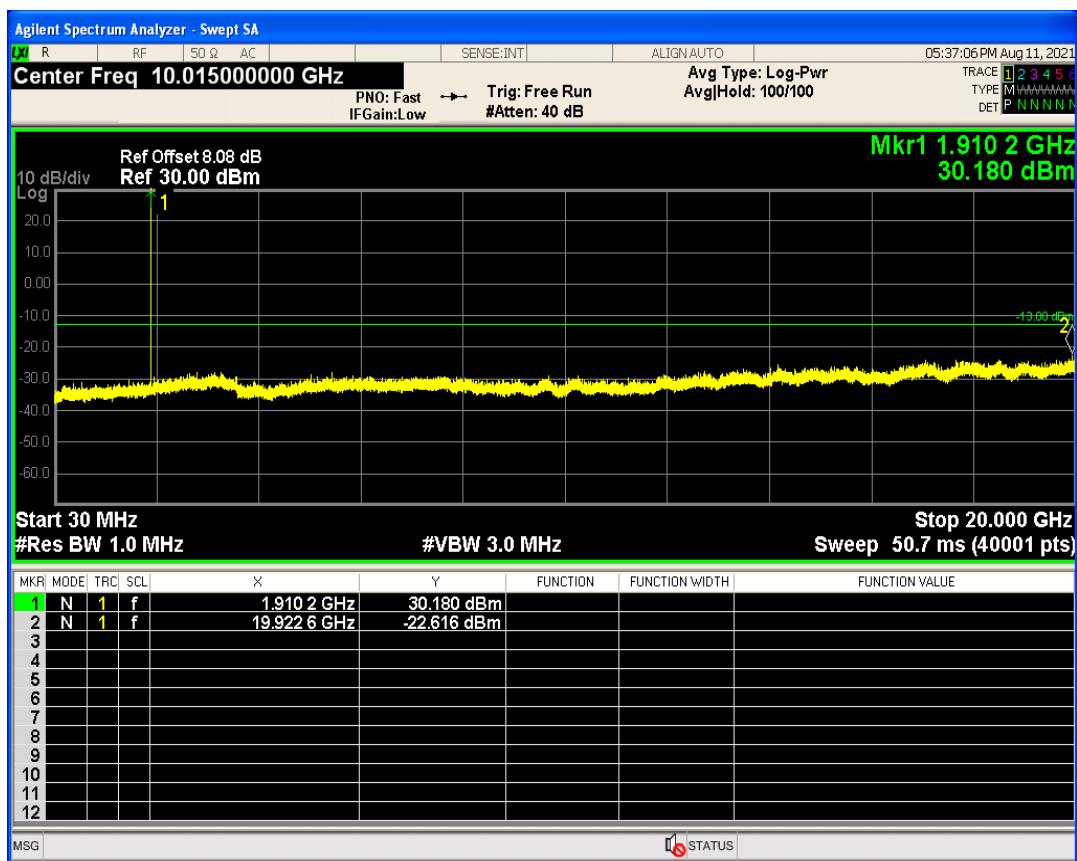
GPRS1900 Channel=661



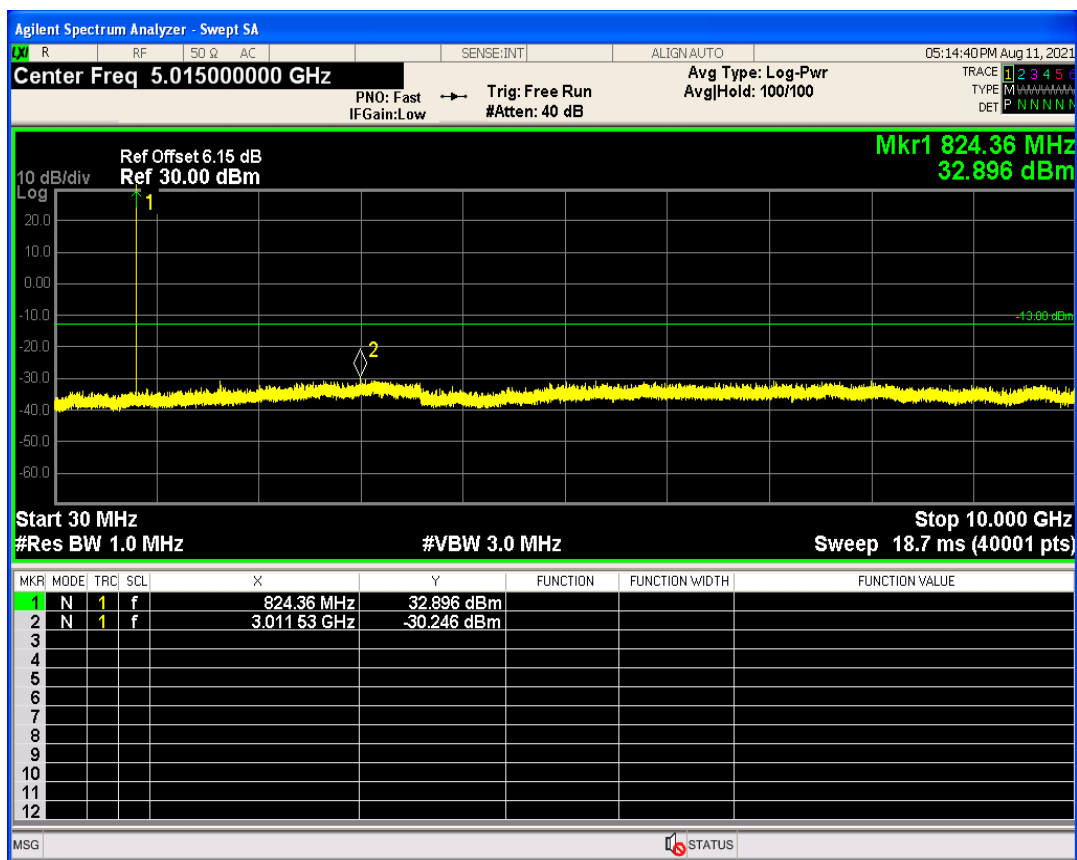
GPRS1900 Channel=512



GPRS1900 Channel=810



GPRS850 Channel=128



GPRS850 Channel=251

