

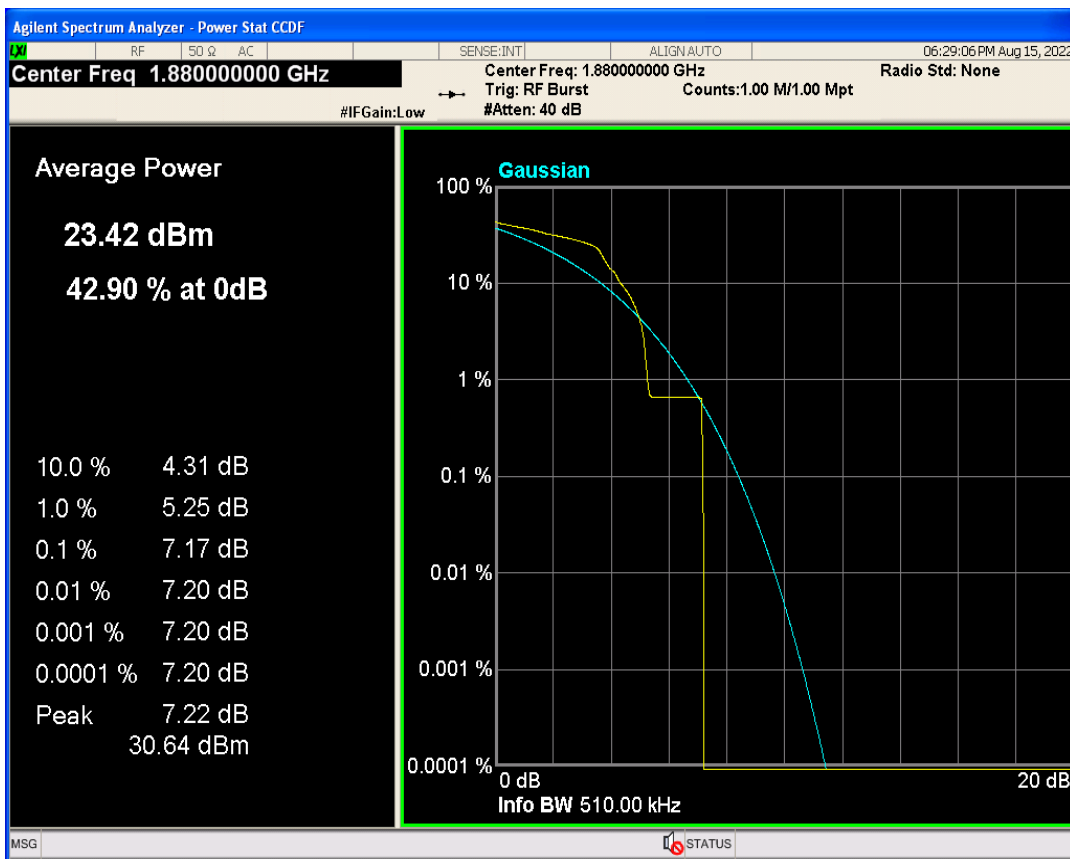
13 Conducted output power

| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512 | 1850.2 | 25.10 | PASS |
| EGPRS1900 1 Slot | 661 | 1880 | 25.57 | PASS |
| EGPRS1900 1 Slot | 810 | 1909.8 | 25.18 | PASS |
| EGPRS1900 2 Slot | 512 | 1850.2 | 25.02 | PASS |
| EGPRS1900 2 Slot | 661 | 1880 | 25.61 | PASS |
| EGPRS1900 2 Slot | 810 | 1909.8 | 24.77 | PASS |
| EGPRS1900 3 Slot | 512 | 1850.2 | 23.40 | PASS |
| EGPRS1900 3 Slot | 661 | 1880 | 24.03 | PASS |
| EGPRS1900 3 Slot | 810 | 1909.8 | 23.19 | PASS |
| EGPRS1900 4 Slot | 512 | 1850.2 | 20.83 | PASS |
| EGPRS1900 4 Slot | 661 | 1880 | 21.70 | PASS |
| EGPRS1900 4 Slot | 810 | 1909.8 | 20.30 | PASS |
| EGPRS850 1 Slot | 128 | 824.2 | 25.28 | PASS |
| EGPRS850 1 Slot | 189 | 836.4 | 25.55 | PASS |
| EGPRS850 1 Slot | 251 | 848.8 | 25.36 | PASS |
| EGPRS850 2 Slot | 128 | 824.2 | 25.33 | PASS |
| EGPRS850 2 Slot | 189 | 836.4 | 25.26 | PASS |
| EGPRS850 2 Slot | 251 | 848.8 | 24.96 | PASS |
| EGPRS850 3 Slot | 128 | 824.2 | 24.13 | PASS |
| EGPRS850 3 Slot | 189 | 836.4 | 24.58 | PASS |
| EGPRS850 3 Slot | 251 | 848.8 | 23.93 | PASS |
| EGPRS850 4 Slot | 128 | 824.2 | 20.33 | PASS |
| EGPRS850 4 Slot | 189 | 836.4 | 21.17 | PASS |
| EGPRS850 4 Slot | 251 | 848.8 | 20.52 | PASS |

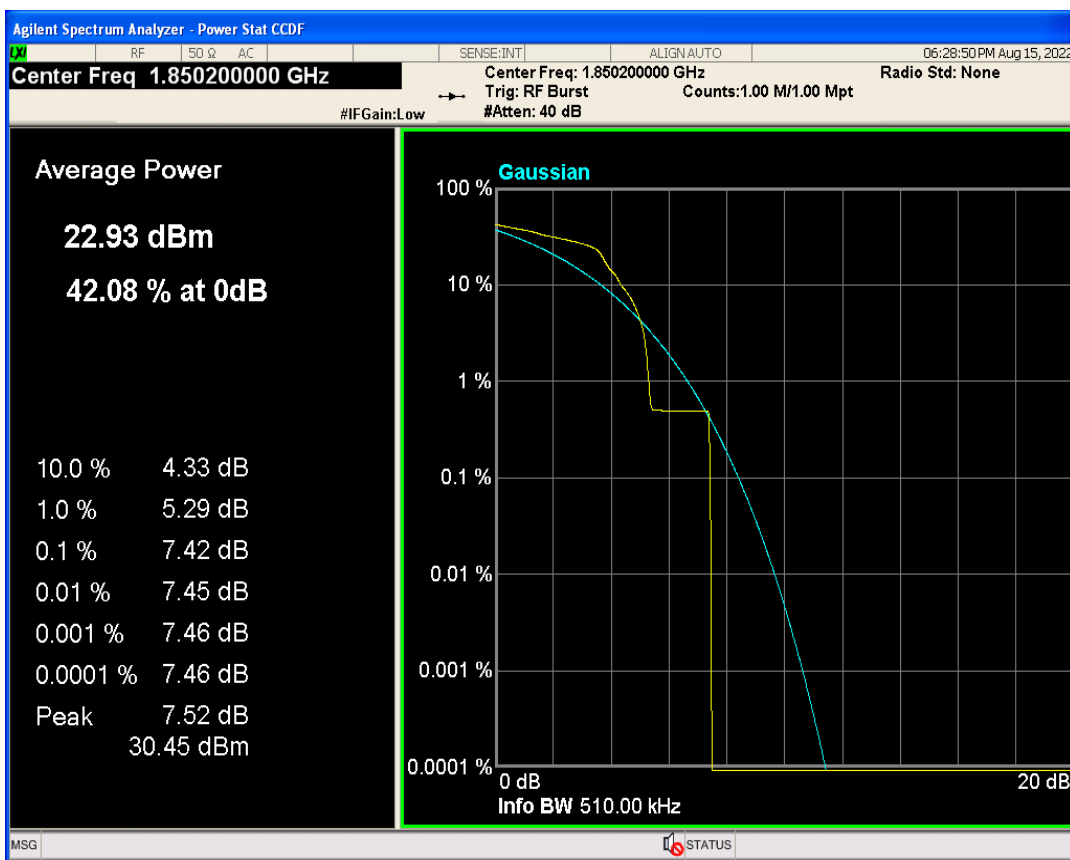
15 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512 | 1850.2 | 7.417109827 | 13.00 | PASS |
| EGPRS1900 | 661 | 1880 | 7.170308483 | 13.00 | PASS |
| EGPRS1900 | 810 | 1909.8 | 8.169359431 | 13.00 | PASS |
| EGPRS850 | 128 | 824.2 | 10.79994606 | 13.00 | PASS |
| EGPRS850 | 189 | 836.4 | 8.792547033 | 13.00 | PASS |
| EGPRS850 | 251 | 848.8 | 9.9584 | 13.00 | PASS |

EGPRS1900 Channel=661



EGPRS1900 Channel=512



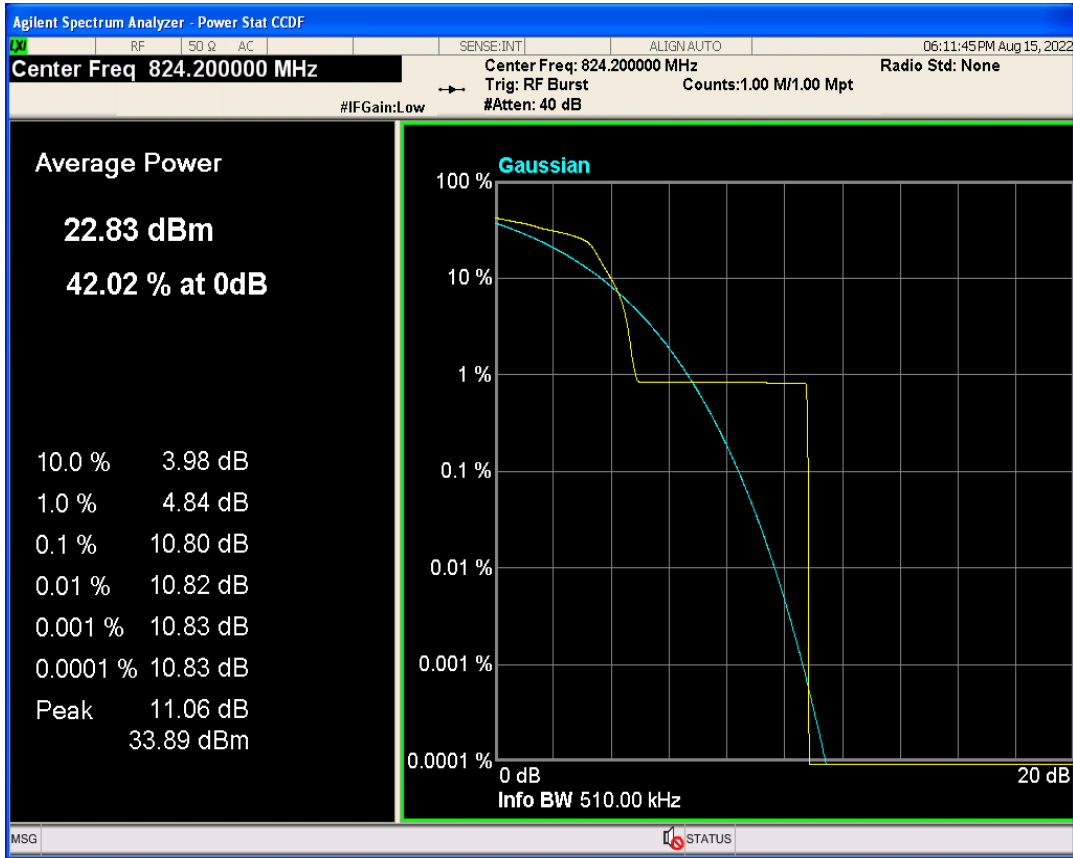
EGPRS1900 Channel=810



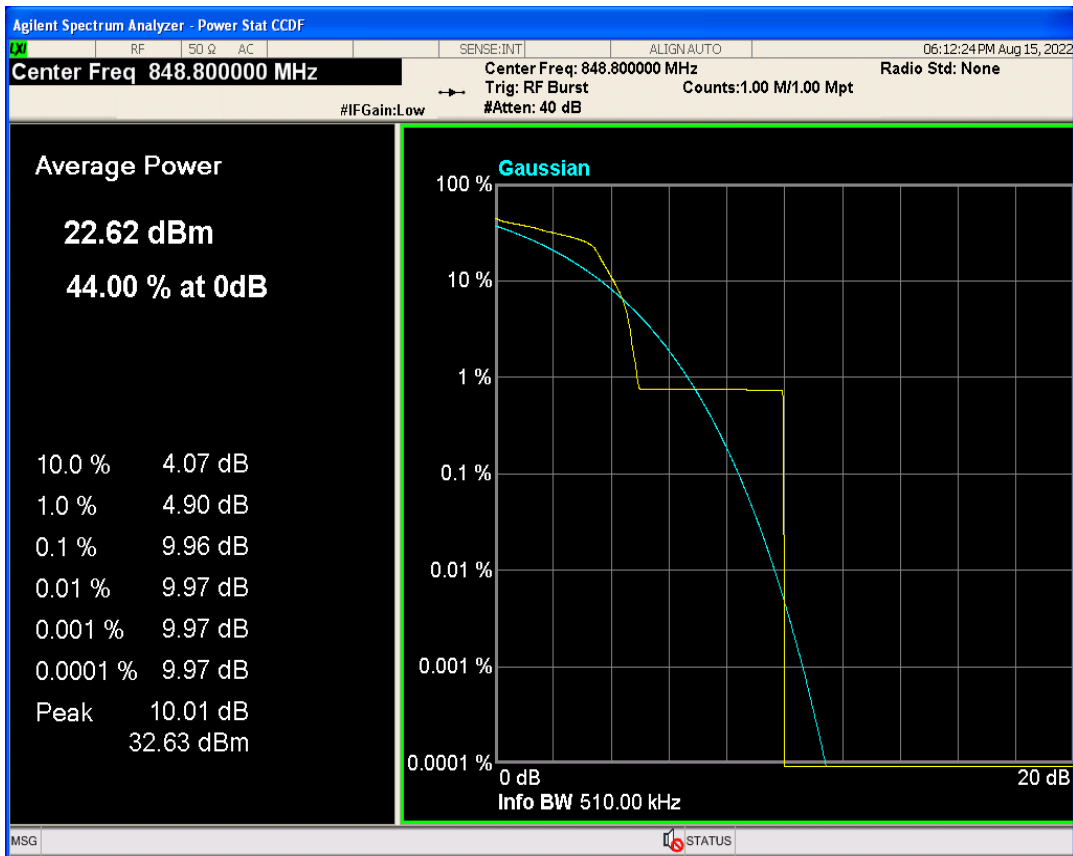
EGPRS850 Channel=189



EGPRS850 Channel=128



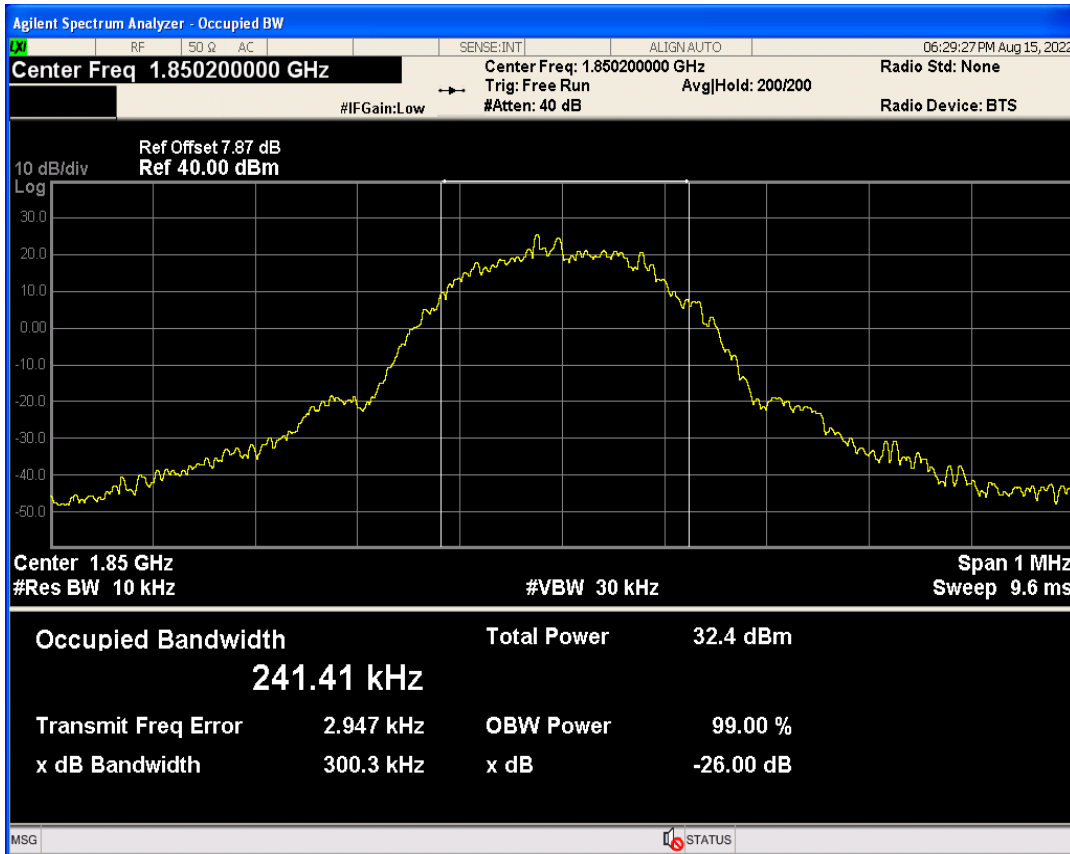
EGPRS850 Channel=251



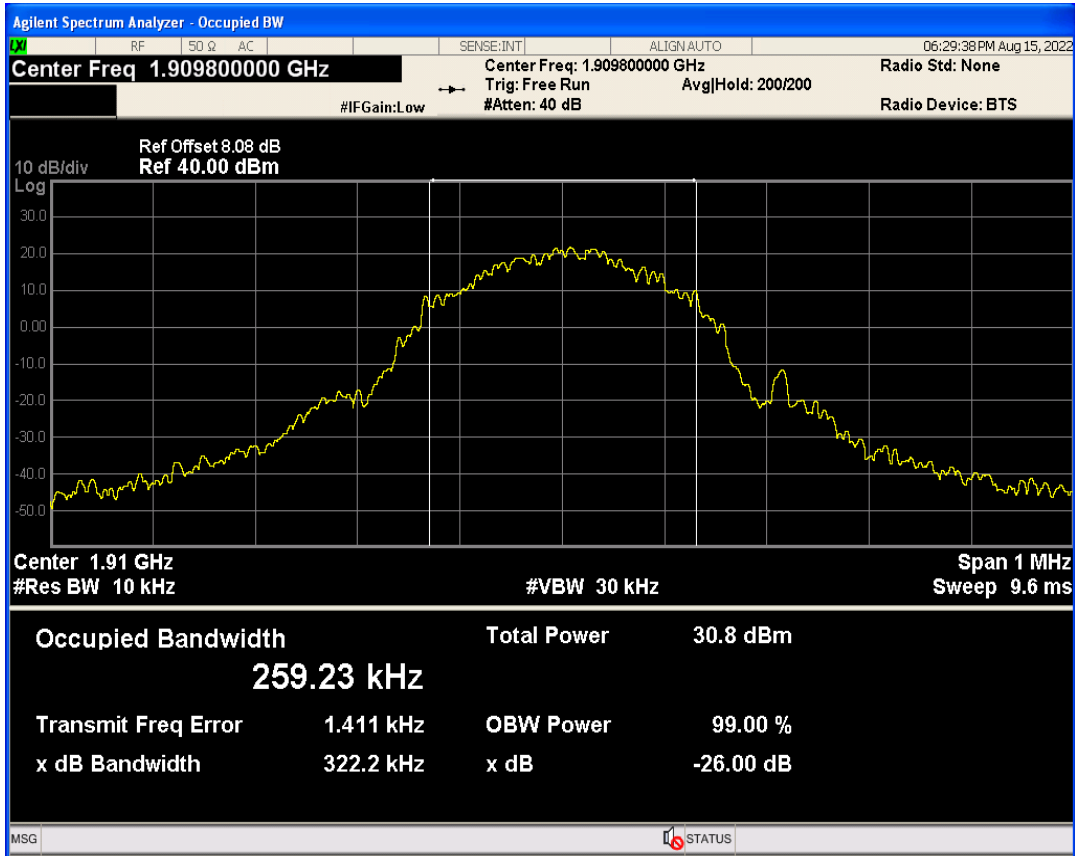
16 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512 | 1850.2 | 241.412 | 300.330 | PASS |
| EGPRS1900 | 661 | 1880 | 254.391 | 327.051 | PASS |
| EGPRS1900 | 810 | 1909.8 | 259.233 | 322.163 | PASS |
| EGPRS850 | 128 | 824.2 | 226.833 | 273.409 | PASS |
| EGPRS850 | 189 | 836.4 | 249.857 | 300.357 | PASS |
| EGPRS850 | 251 | 848.8 | 236.602 | 290.603 | PASS |

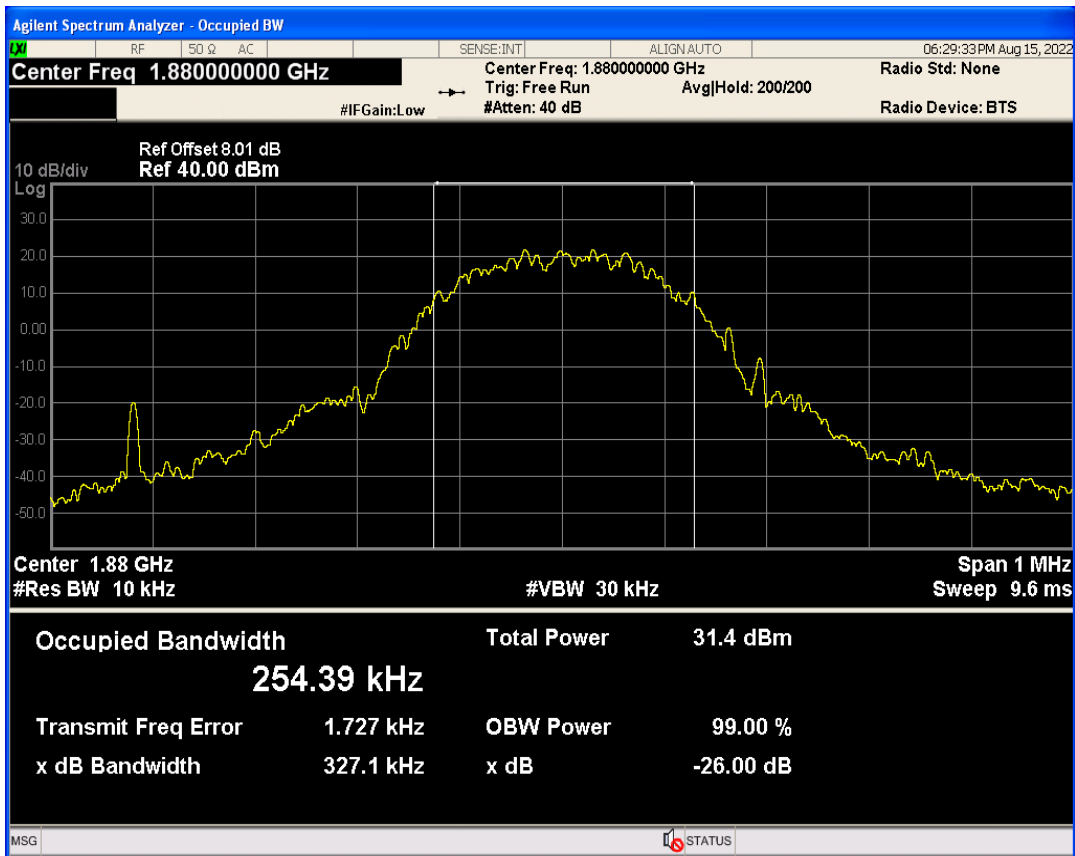
EGPRS1900 Channel=512



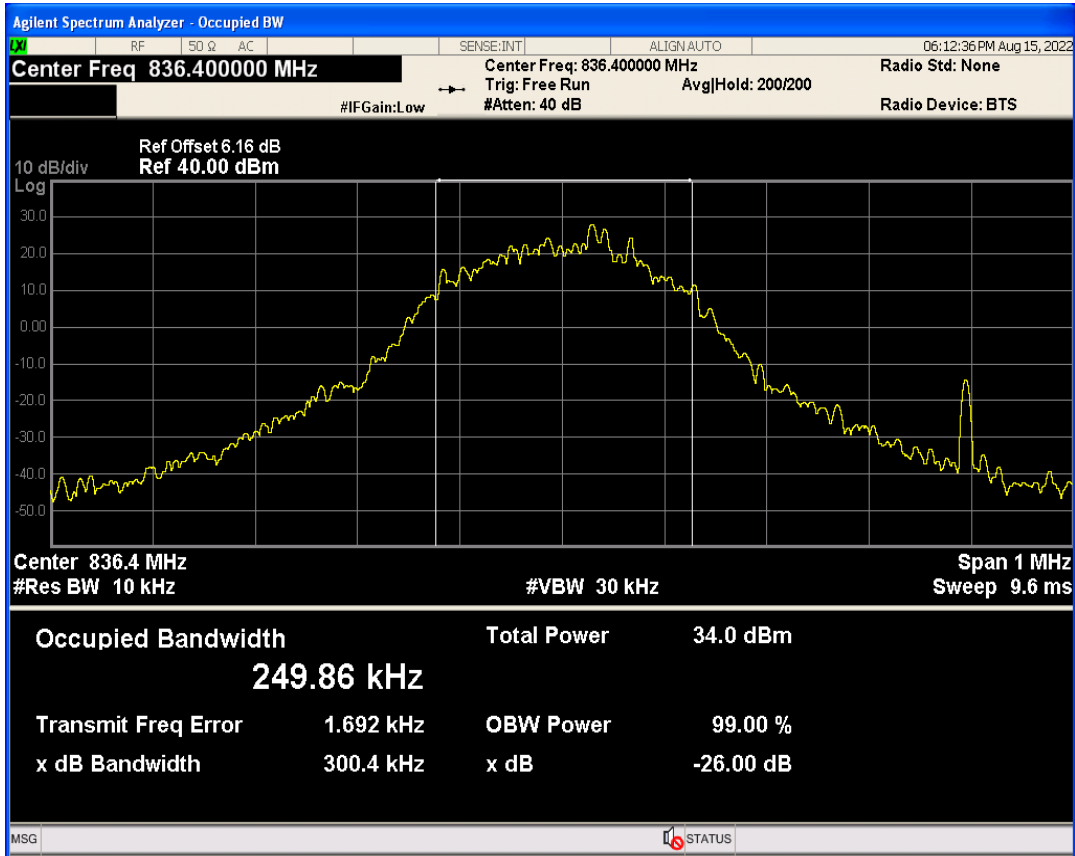
EGPRS1900 Channel=810



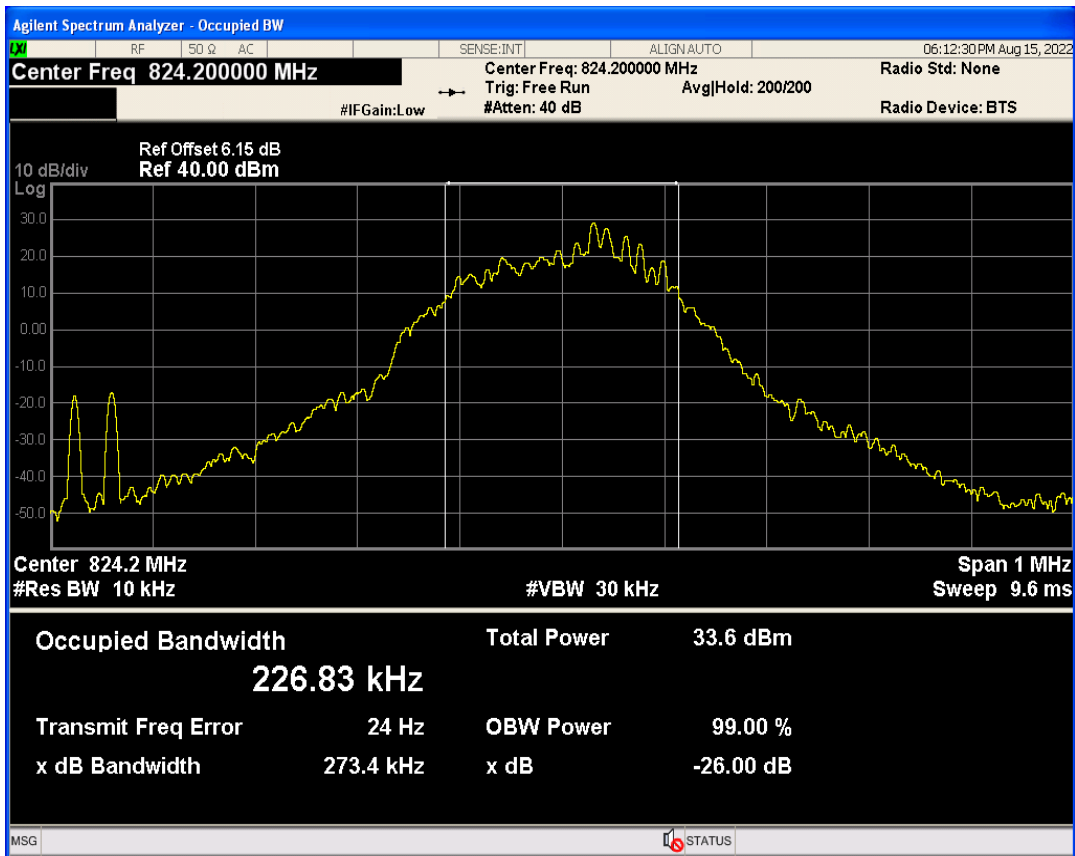
EGPRS1900 Channel=661



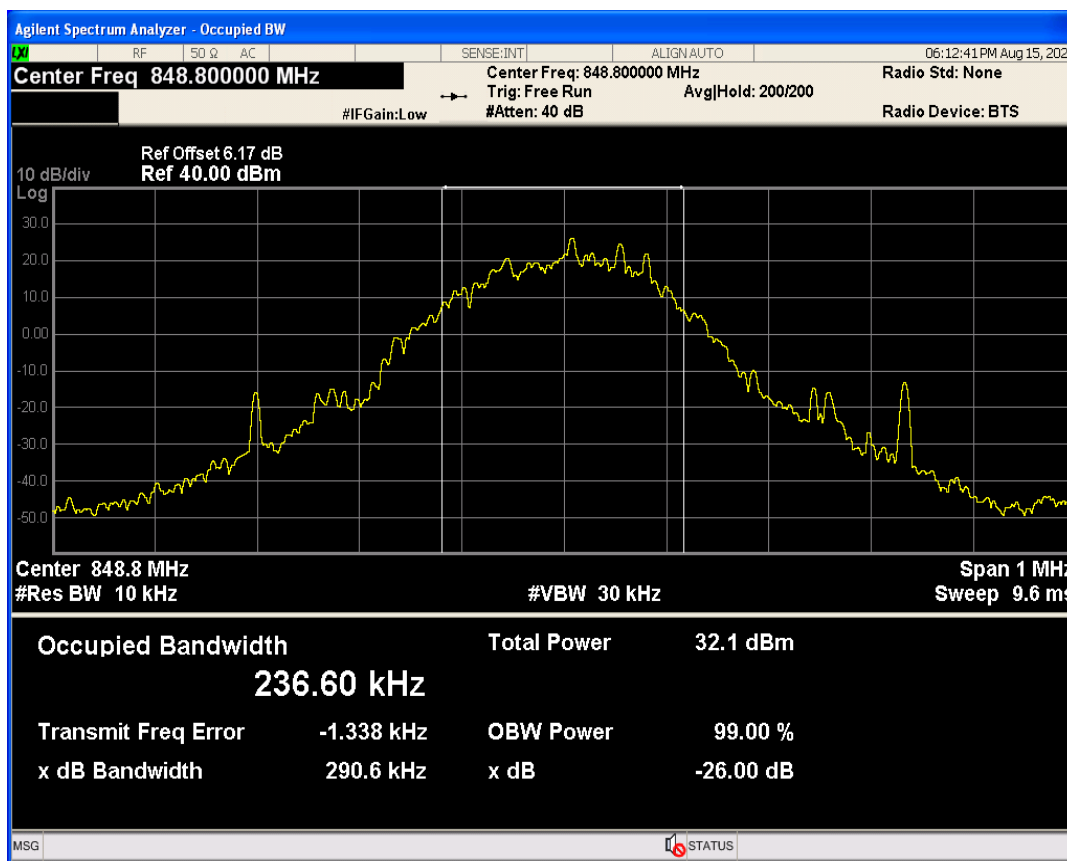
EGPRS850 Channel=189



EGPRS850 Channel=128



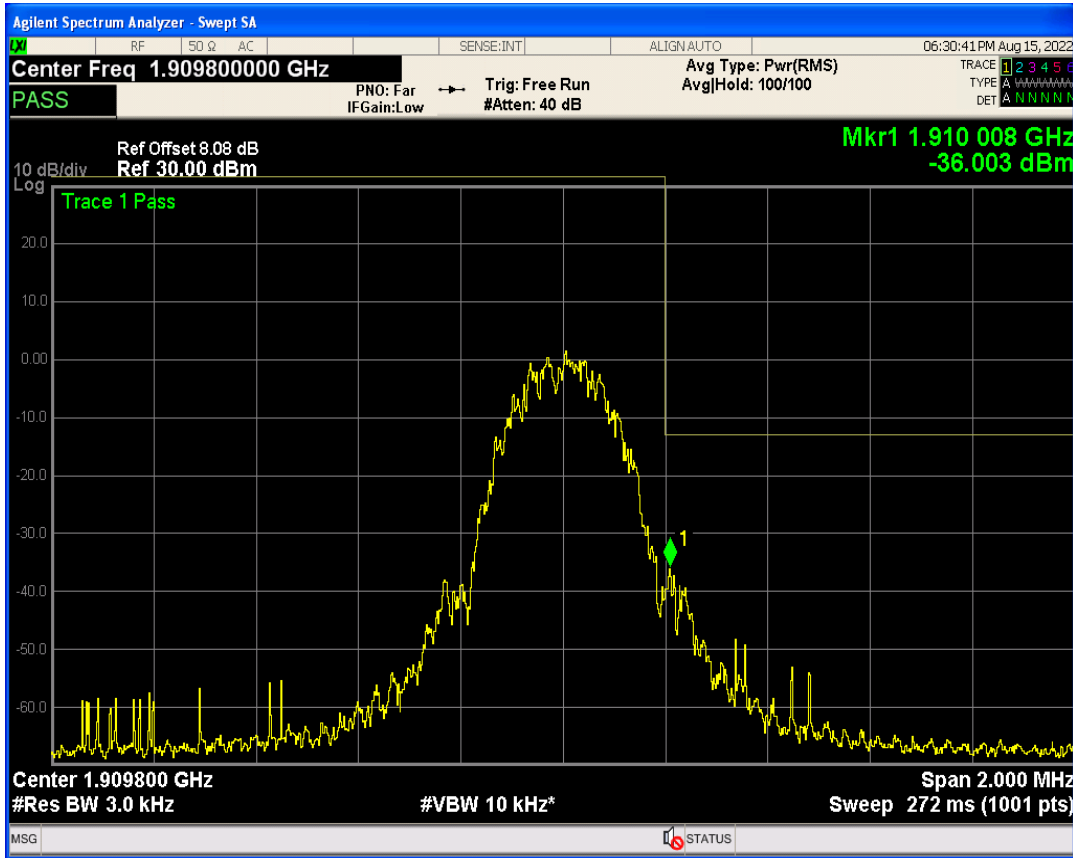
EGPRS850 Channel=251



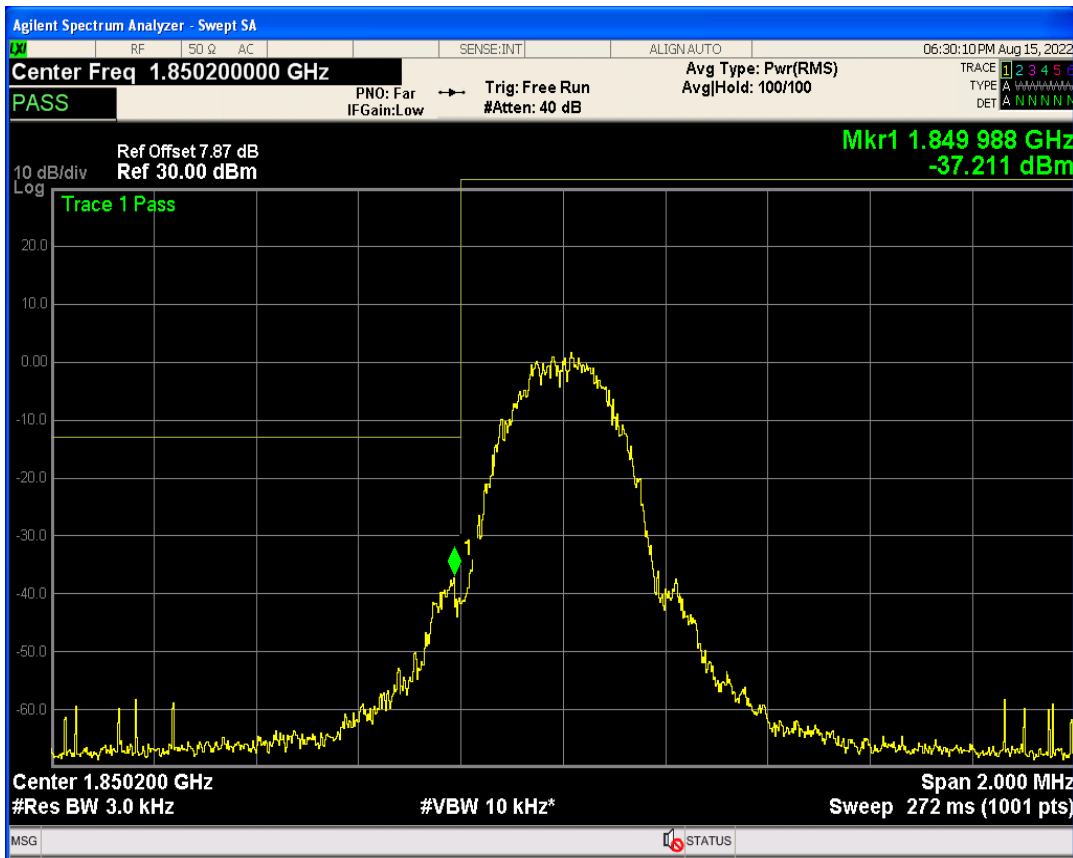
17 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512 | 1850.2 | 1849.99 | -37.21 | -13 | PASS |
| EGPRS1900 | 810 | 1909.8 | 1910.01 | -36.00 | -13 | PASS |
| EGPRS850 | 128 | 824.2 | 824.00 | -38.38 | -13 | PASS |
| EGPRS850 | 251 | 848.8 | 849.00 | -35.73 | -13 | PASS |

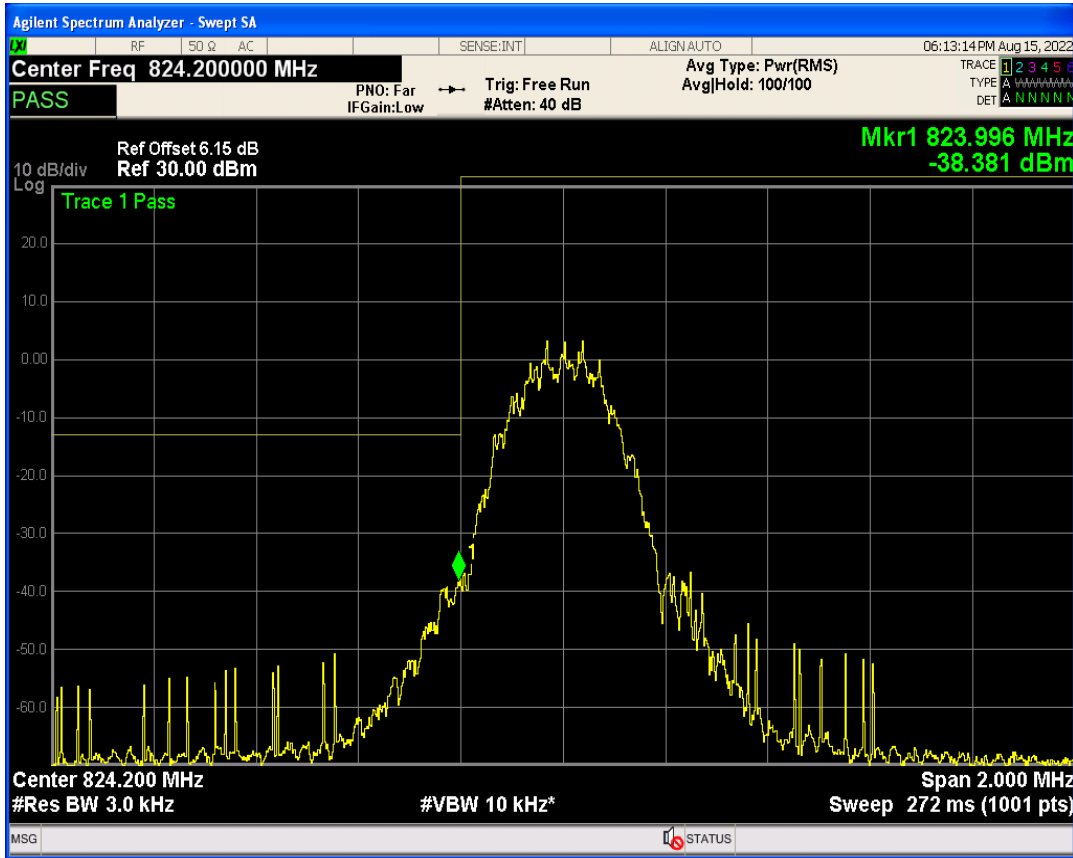
EGPRS1900 Channel=810



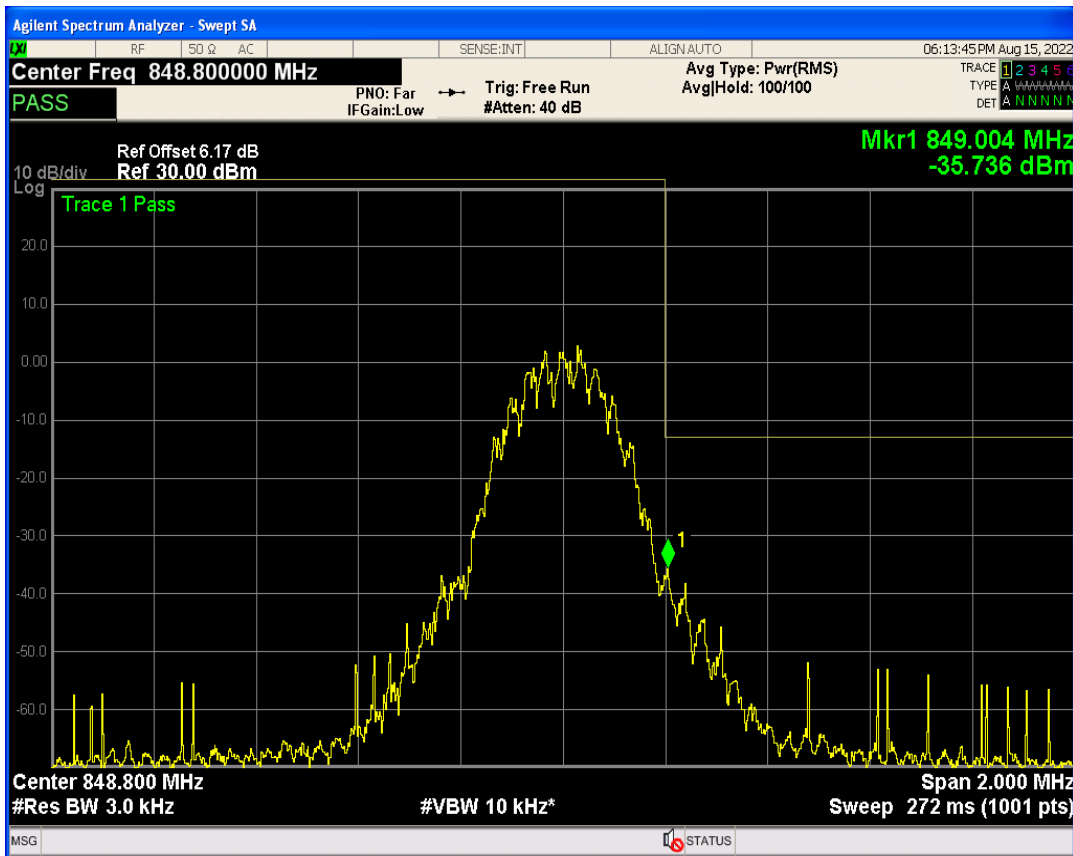
EGPRS1900 Channel=512



EGPRS850 Channel=128



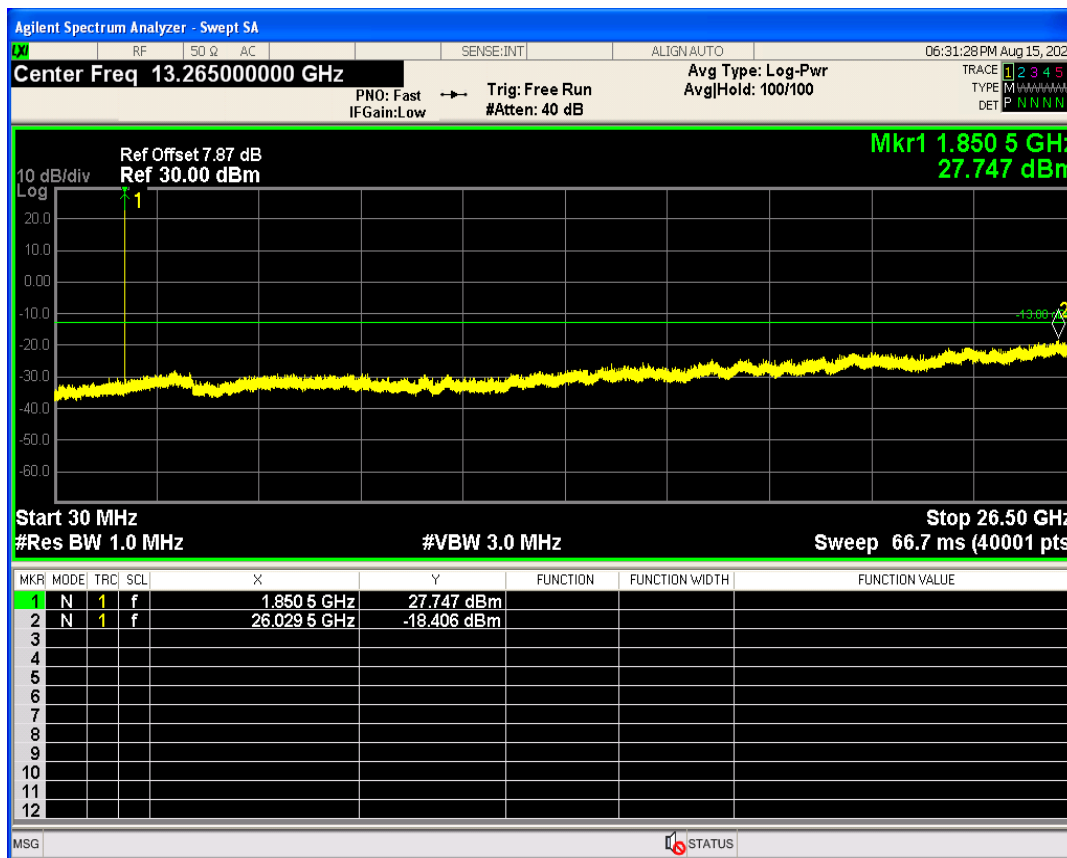
EGPRS850 Channel=251



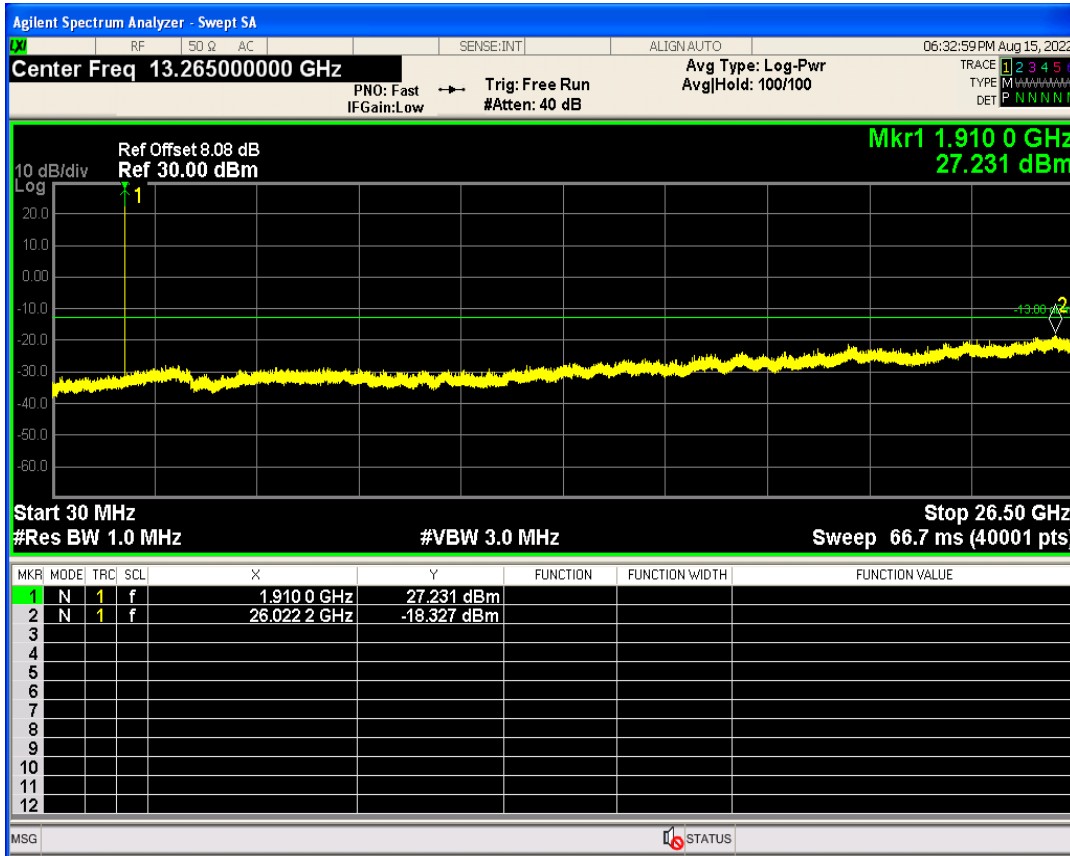
18 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512 | 1850.2 | 26029.50 | -18.40 | -13 | PASS |
| EGPRS1900 | 661 | 1880 | 26100.96 | -18.57 | -13 | PASS |
| EGPRS1900 | 810 | 1909.8 | 26022.22 | -18.32 | -13 | PASS |
| EGPRS850 | 128 | 824.2 | 26032.80 | -20.18 | -13 | PASS |
| EGPRS850 | 189 | 836.4 | 26001.70 | -20.03 | -13 | PASS |
| EGPRS850 | 251 | 848.8 | 25593.40 | -19.46 | -13 | PASS |

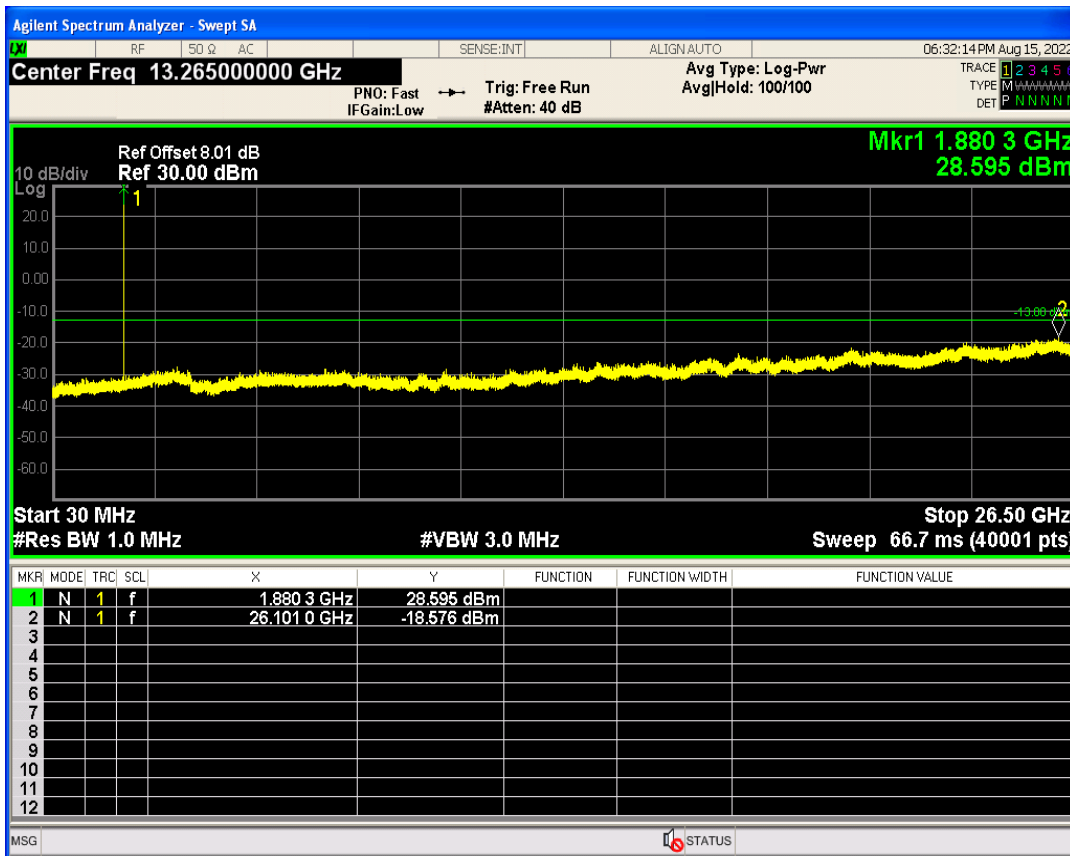
EGPRS1900 Channel=512



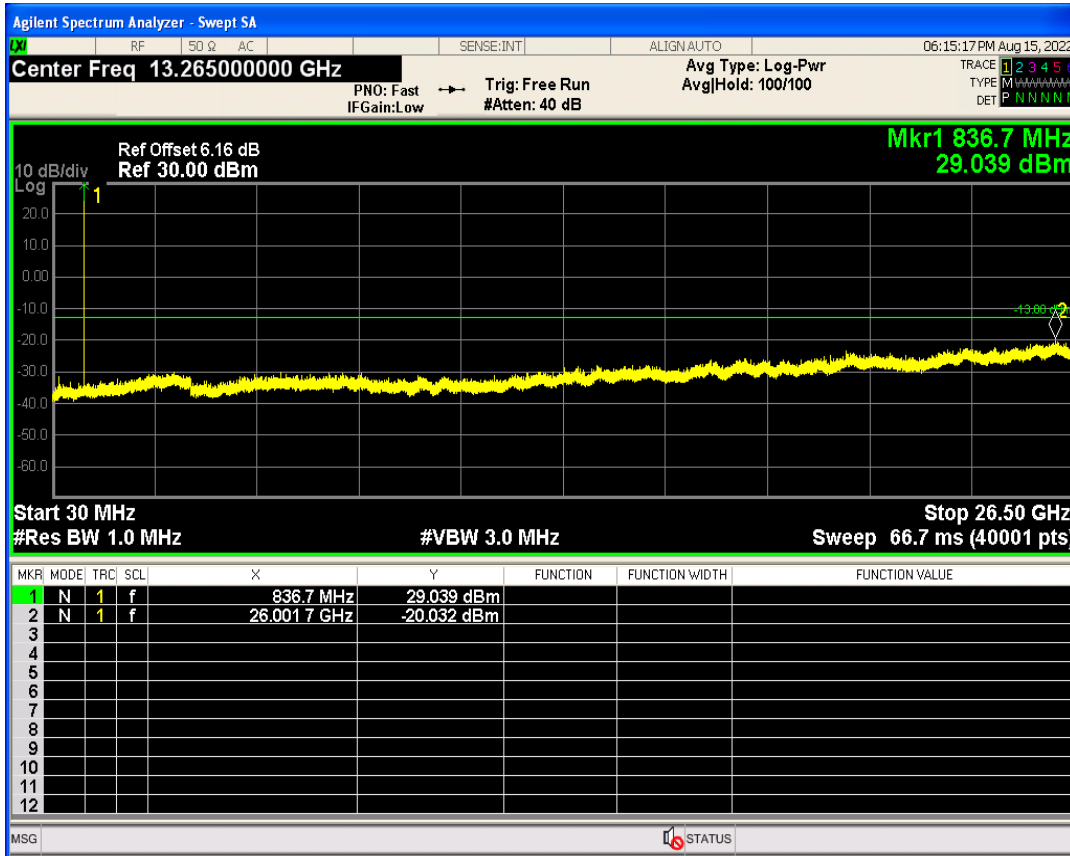
EGPRS1900 Channel=810



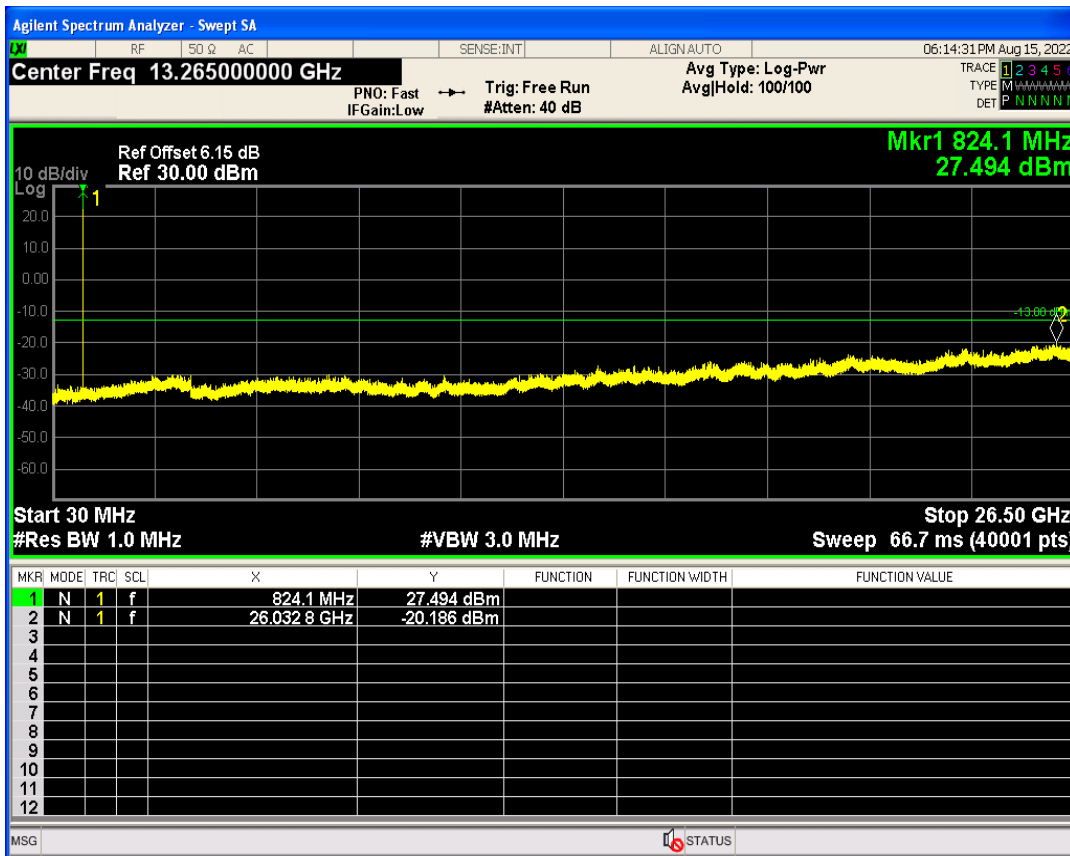
EGPRS1900 Channel=661



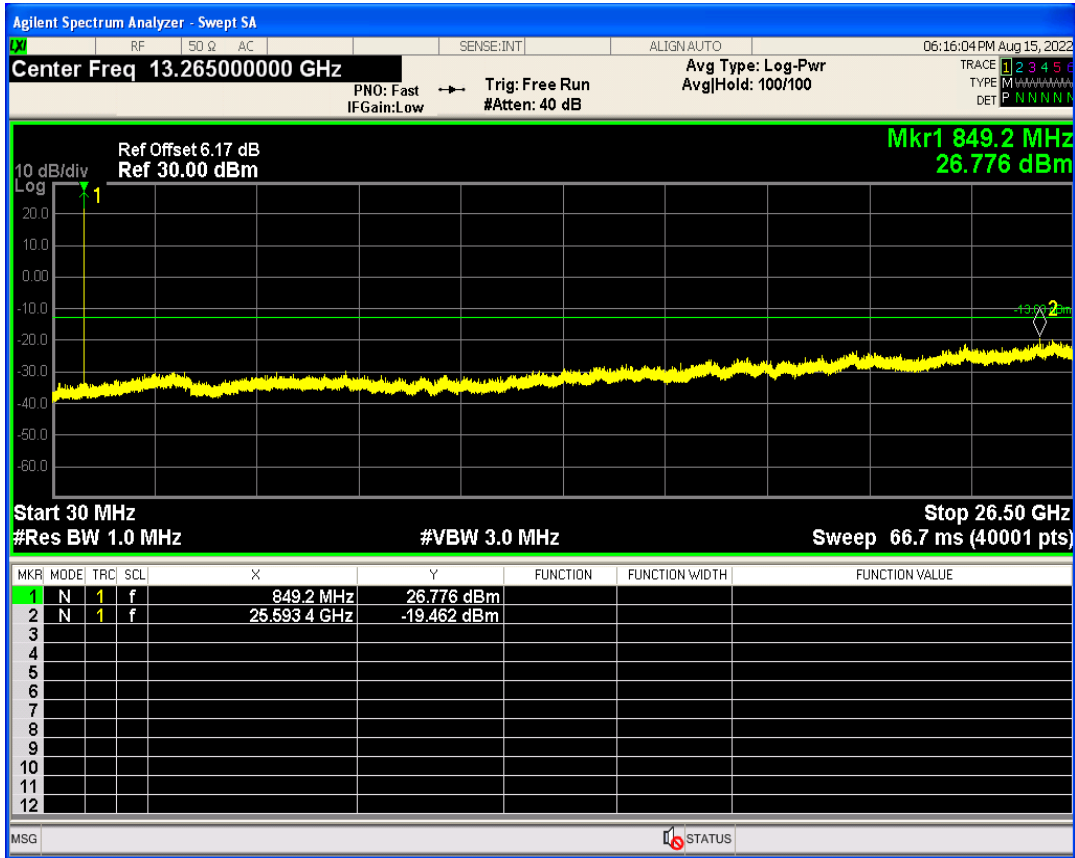
EGPRS850 Channel=189



EGPRS850 Channel=128



EGPRS850 Channel=251



07 Conducted output power

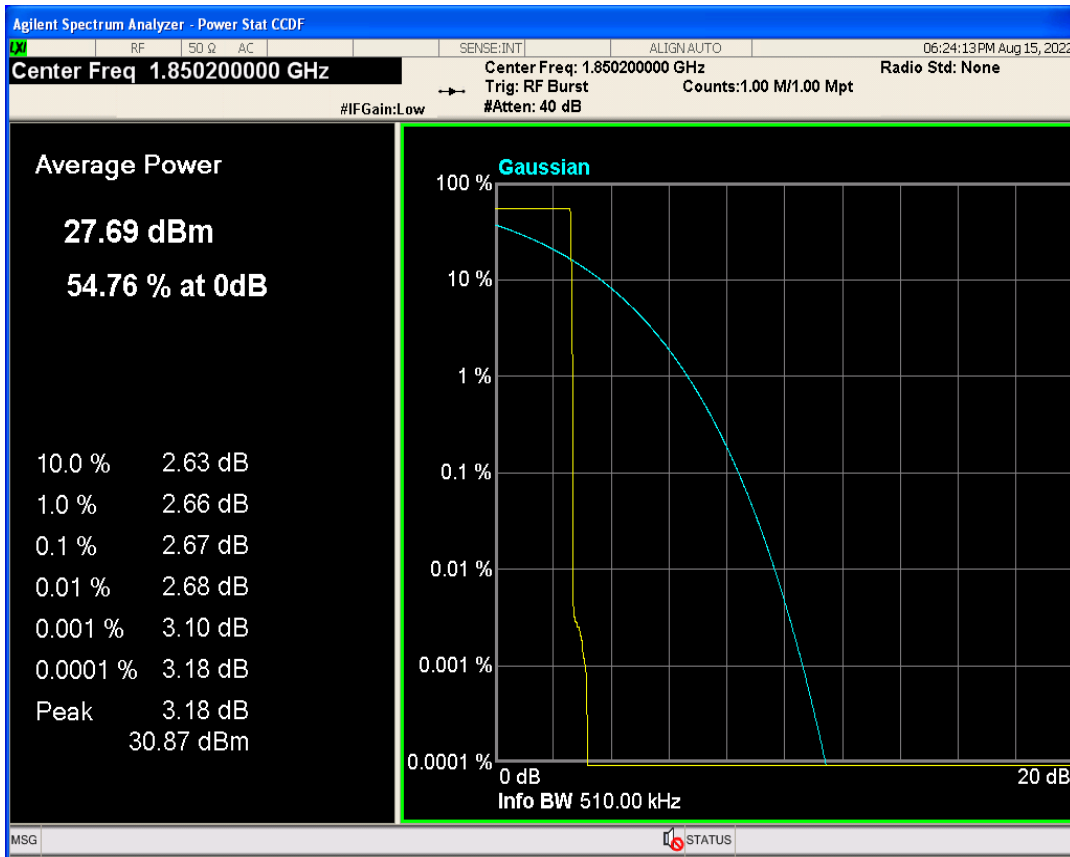
| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|-----------------|---------|-----------------|-------------|---------|
| GPRS1900 1 Slot | 512 | 1850.2 | 29.57 | PASS |
| GPRS1900 1 Slot | 661 | 1880 | 29.47 | PASS |
| GPRS1900 1 Slot | 810 | 1909.8 | 29.34 | PASS |
| GPRS1900 2 Slot | 512 | 1850.2 | 27.50 | PASS |
| GPRS1900 2 Slot | 661 | 1880 | 27.21 | PASS |
| GPRS1900 2 Slot | 810 | 1909.8 | 26.94 | PASS |
| GPRS1900 3 Slot | 512 | 1850.2 | 25.94 | PASS |
| GPRS1900 3 Slot | 661 | 1880 | 25.60 | PASS |
| GPRS1900 3 Slot | 810 | 1909.8 | 25.29 | PASS |
| GPRS1900 4 Slot | 512 | 1850.2 | 23.90 | PASS |
| GPRS1900 4 Slot | 661 | 1880 | 23.55 | PASS |
| GPRS1900 4 Slot | 810 | 1909.8 | 23.22 | PASS |
| GPRS850 1 Slot | 128 | 824.2 | 32.35 | PASS |
| GPRS850 1 Slot | 189 | 836.4 | 32.58 | PASS |
| GPRS850 1 Slot | 251 | 848.8 | 32.49 | PASS |
| GPRS850 2 Slot | 128 | 824.2 | 30.38 | PASS |
| GPRS850 2 Slot | 189 | 836.4 | 30.44 | PASS |
| GPRS850 2 Slot | 251 | 848.8 | 30.27 | PASS |
| GPRS850 3 Slot | 128 | 824.2 | 28.36 | PASS |
| GPRS850 3 Slot | 189 | 836.4 | 28.42 | PASS |
| GPRS850 3 Slot | 251 | 848.8 | 28.25 | PASS |

| | | | | |
|----------------|-----|-------|-------|------|
| GPRS850 4 Slot | 128 | 824.2 | 26.27 | PASS |
| GPRS850 4 Slot | 189 | 836.4 | 26.33 | PASS |
| GPRS850 4 Slot | 251 | 848.8 | 26.22 | PASS |

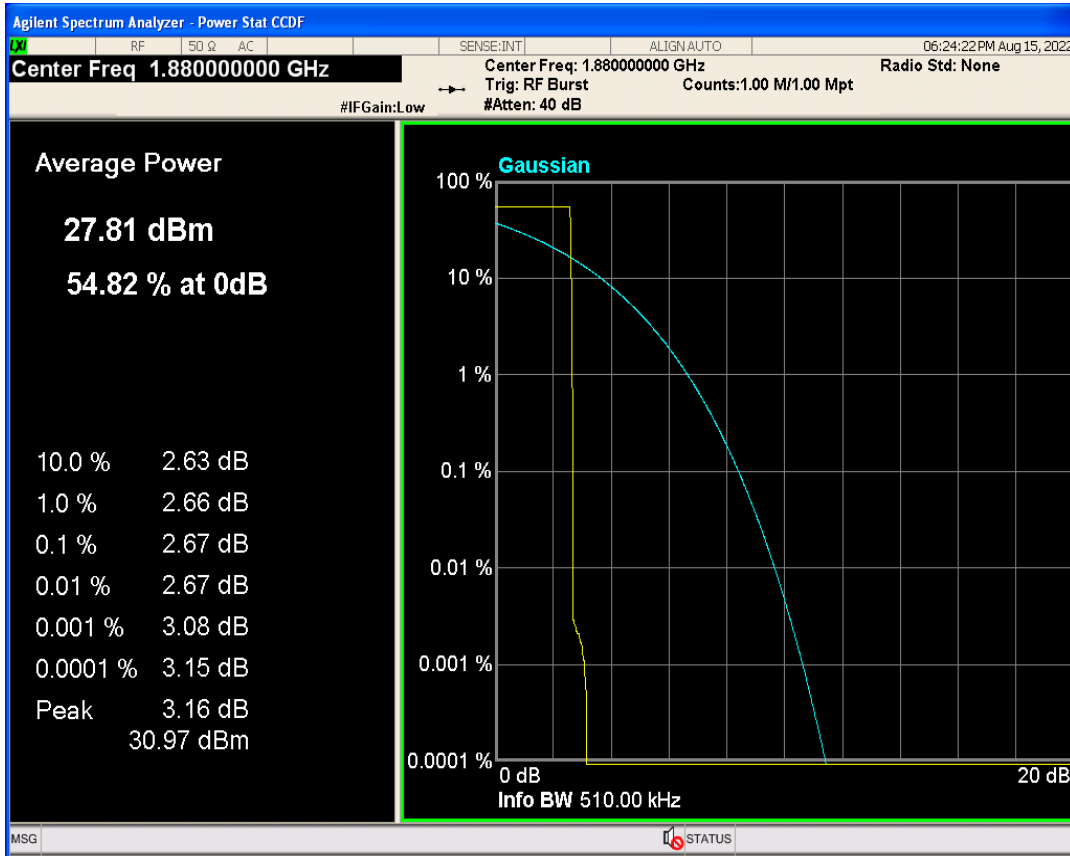
09 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512 | 1850.2 | 2.671510658 | 13.00 | PASS |
| GPRS1900 | 661 | 1880 | 2.666579926 | 13.00 | PASS |
| GPRS1900 | 810 | 1909.8 | 2.716474563 | 13.00 | PASS |
| GPRS850 | 128 | 824.2 | 2.687351632 | 13.00 | PASS |
| GPRS850 | 189 | 836.4 | 2.667562217 | 13.00 | PASS |
| GPRS850 | 251 | 848.8 | 2.666802746 | 13.00 | PASS |

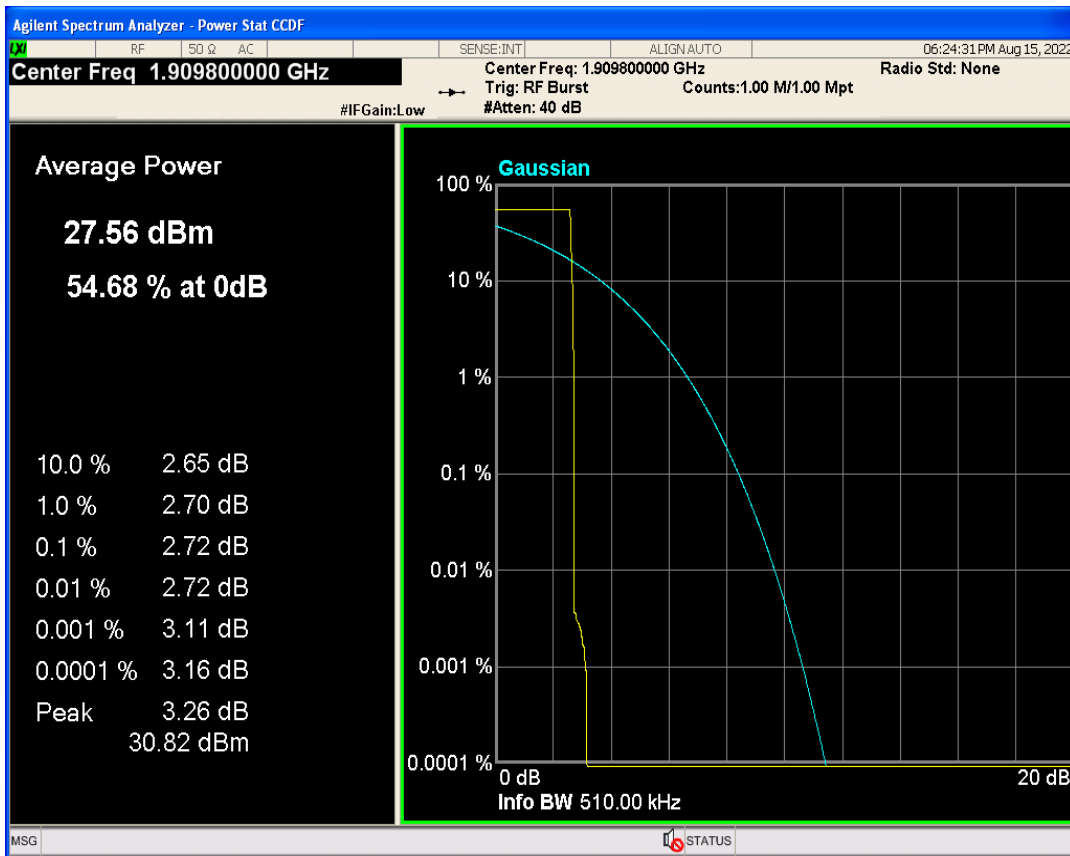
GPRS1900 Channel=512



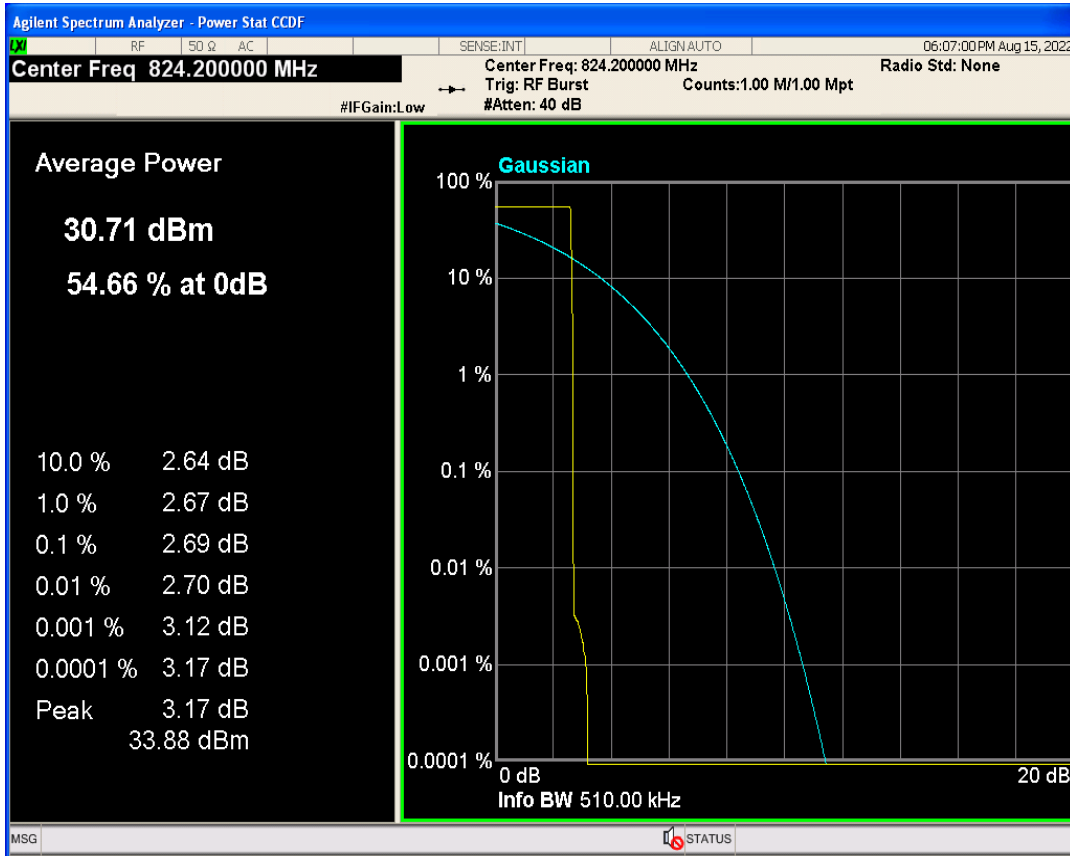
GPRS1900 Channel=661



GPRS1900 Channel=810



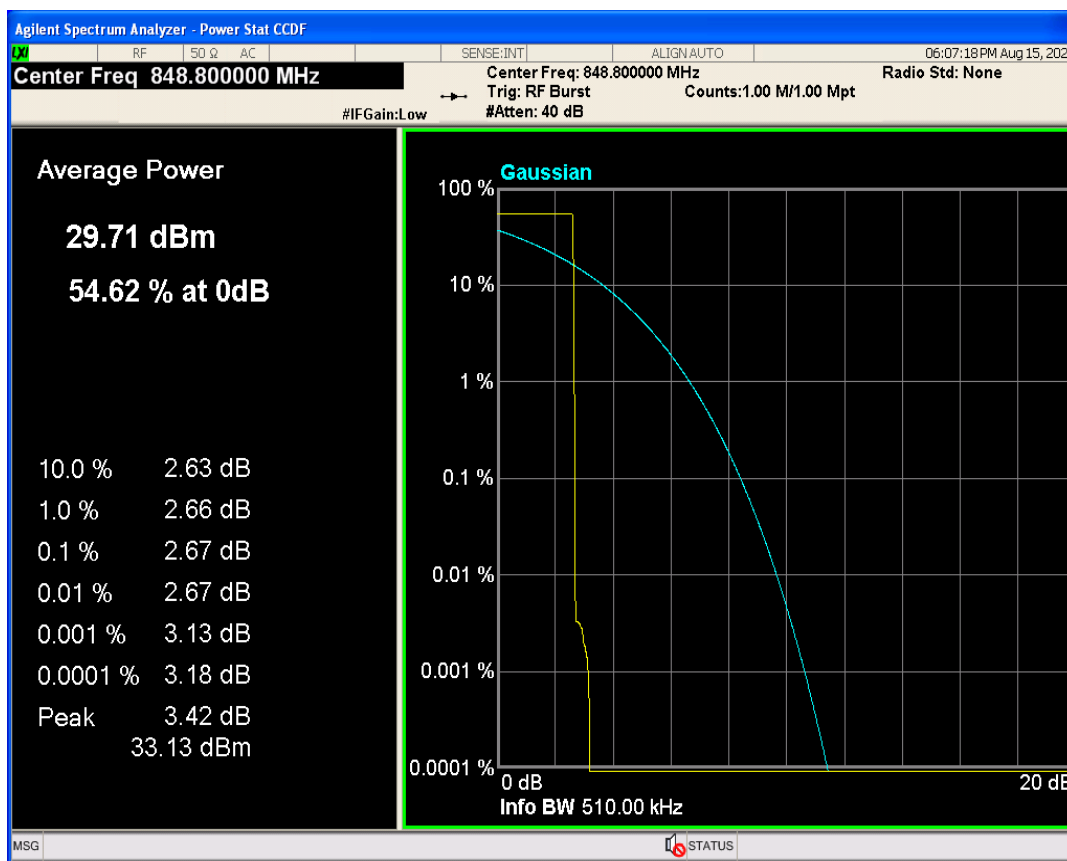
GPRS850 Channel=128



GPRS850 Channel=189



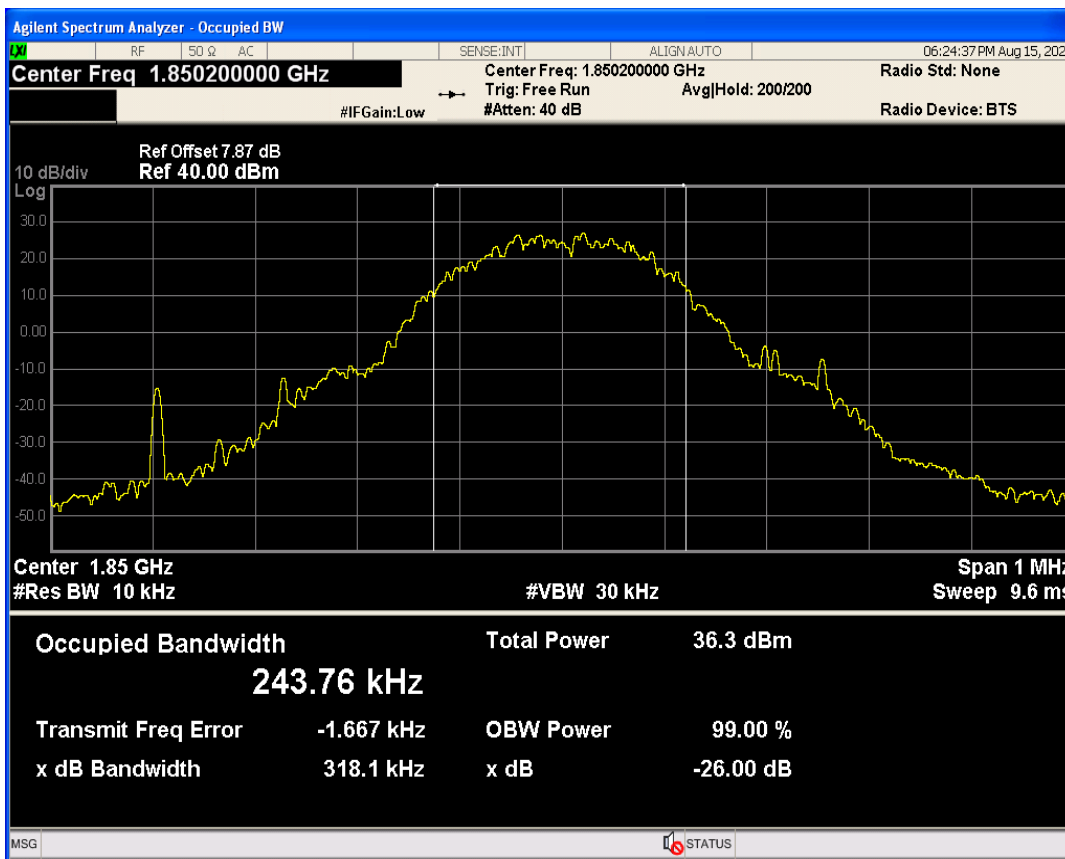
GPRS850 Channel=251



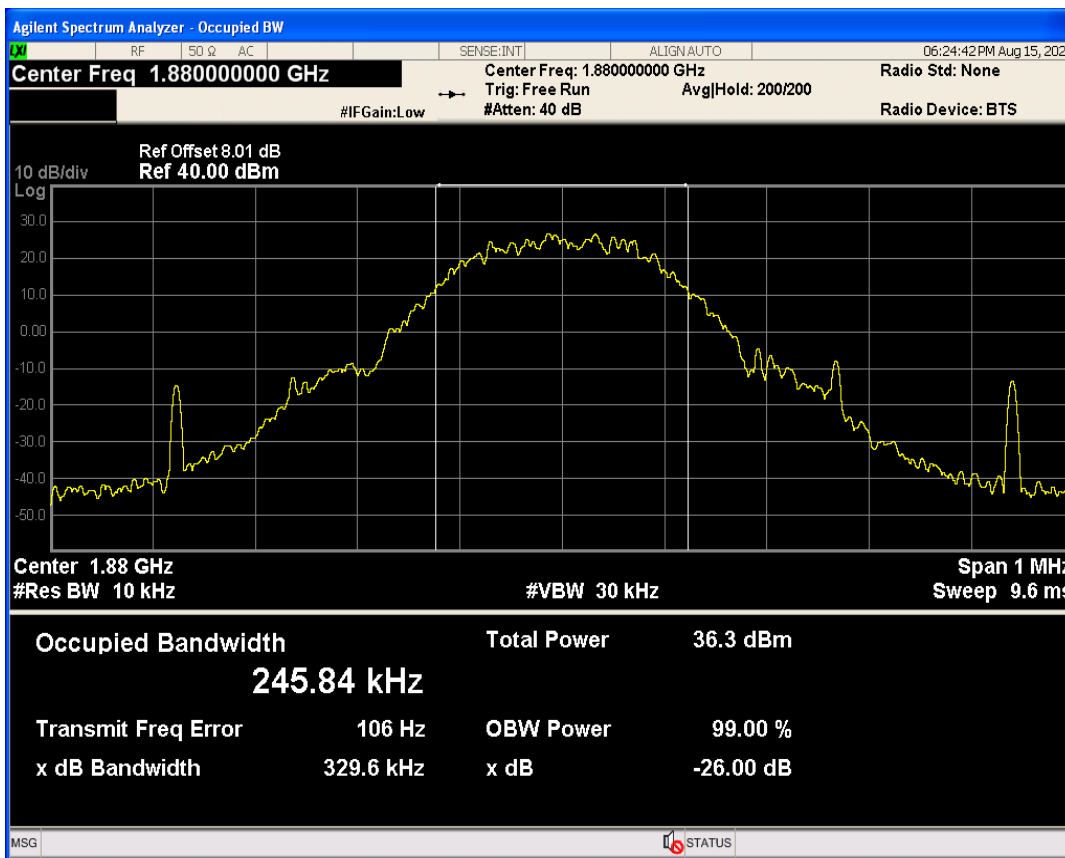
10 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512 | 1850.2 | 243.760 | 318.063 | PASS |
| GPRS1900 | 661 | 1880 | 245.840 | 329.614 | PASS |
| GPRS1900 | 810 | 1909.8 | 246.925 | 315.891 | PASS |
| GPRS850 | 128 | 824.2 | 241.776 | 311.056 | PASS |
| GPRS850 | 189 | 836.4 | 250.959 | 309.334 | PASS |
| GPRS850 | 251 | 848.8 | 249.909 | 298.943 | PASS |

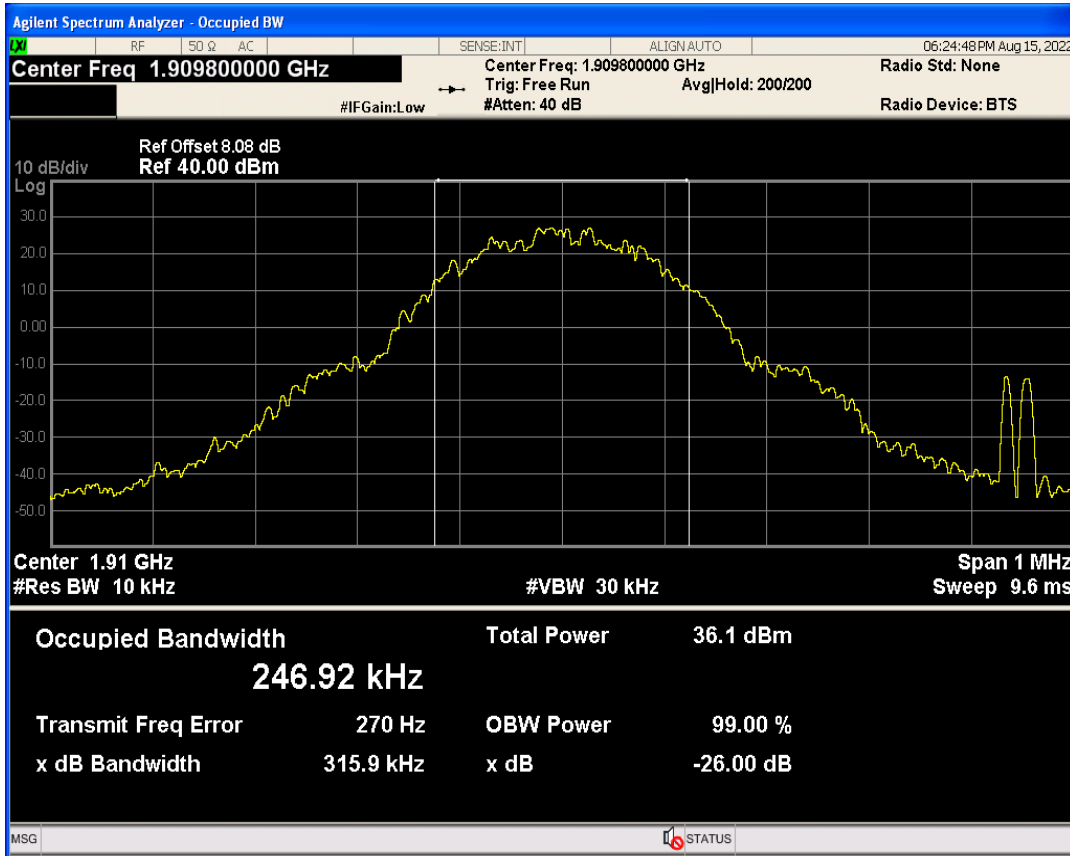
GPRS1900 Channel=512



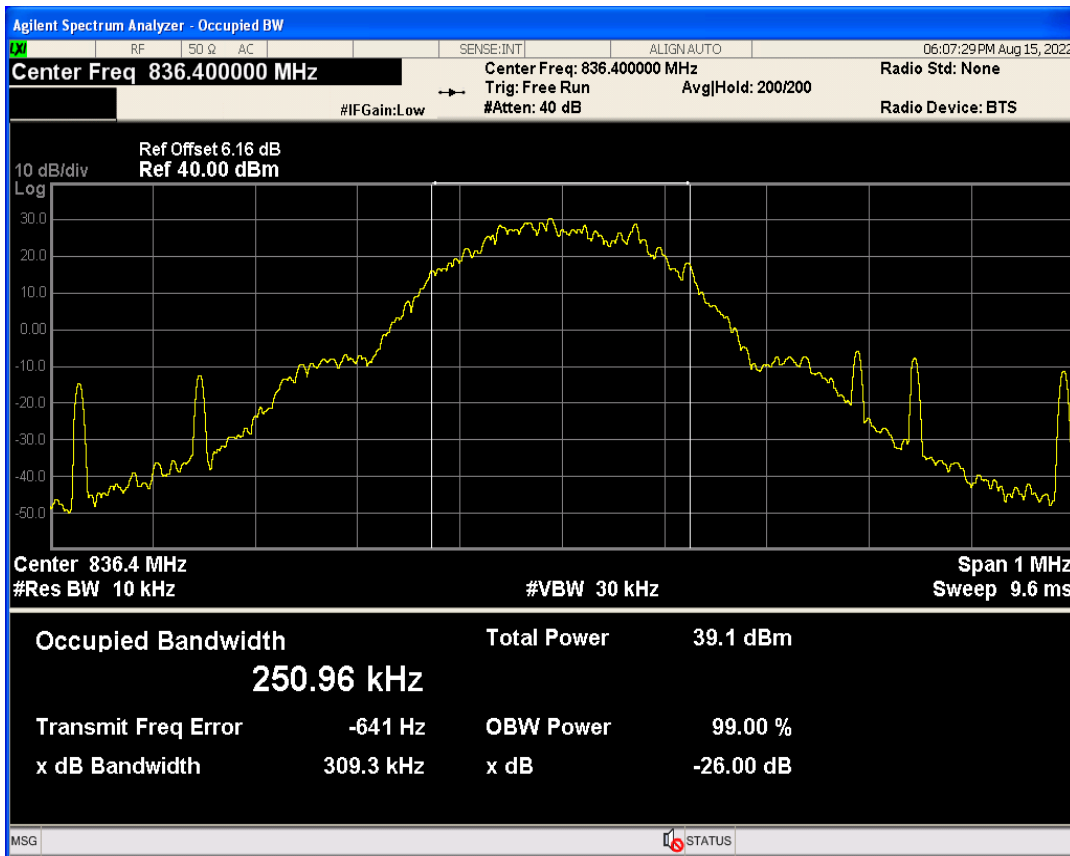
GPRS1900 Channel=661



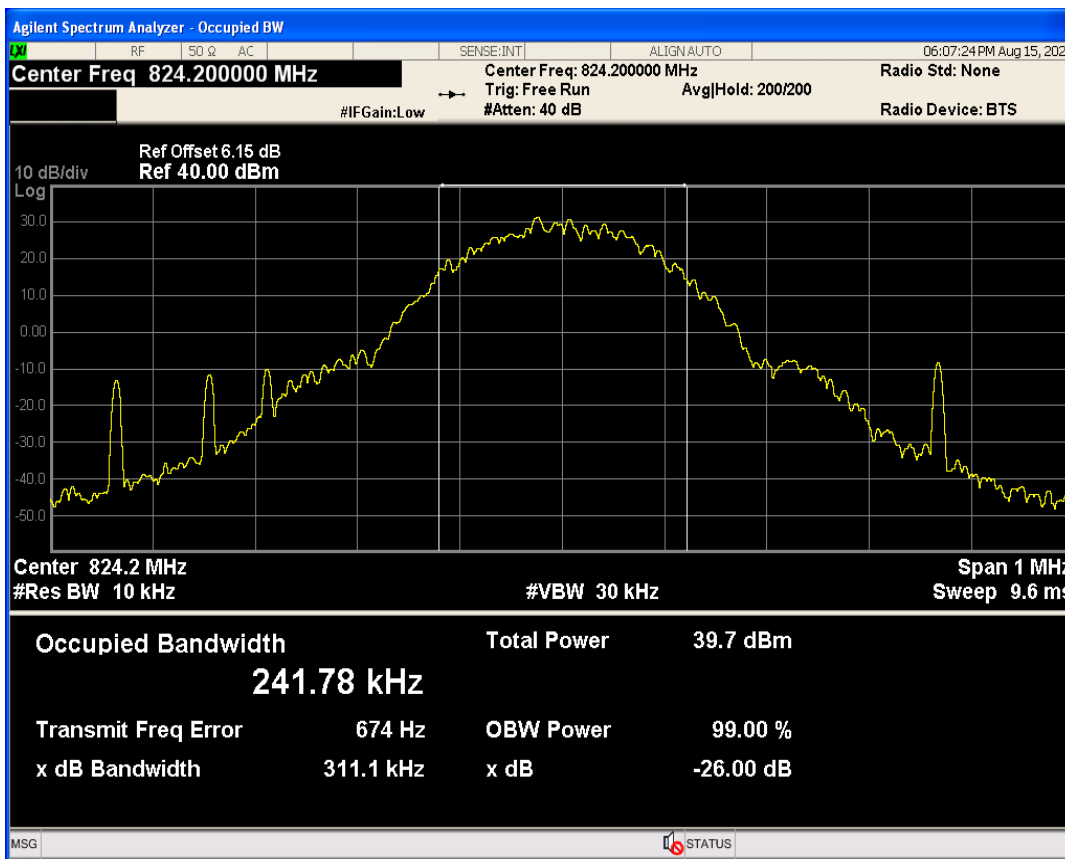
GPRS1900 Channel=810



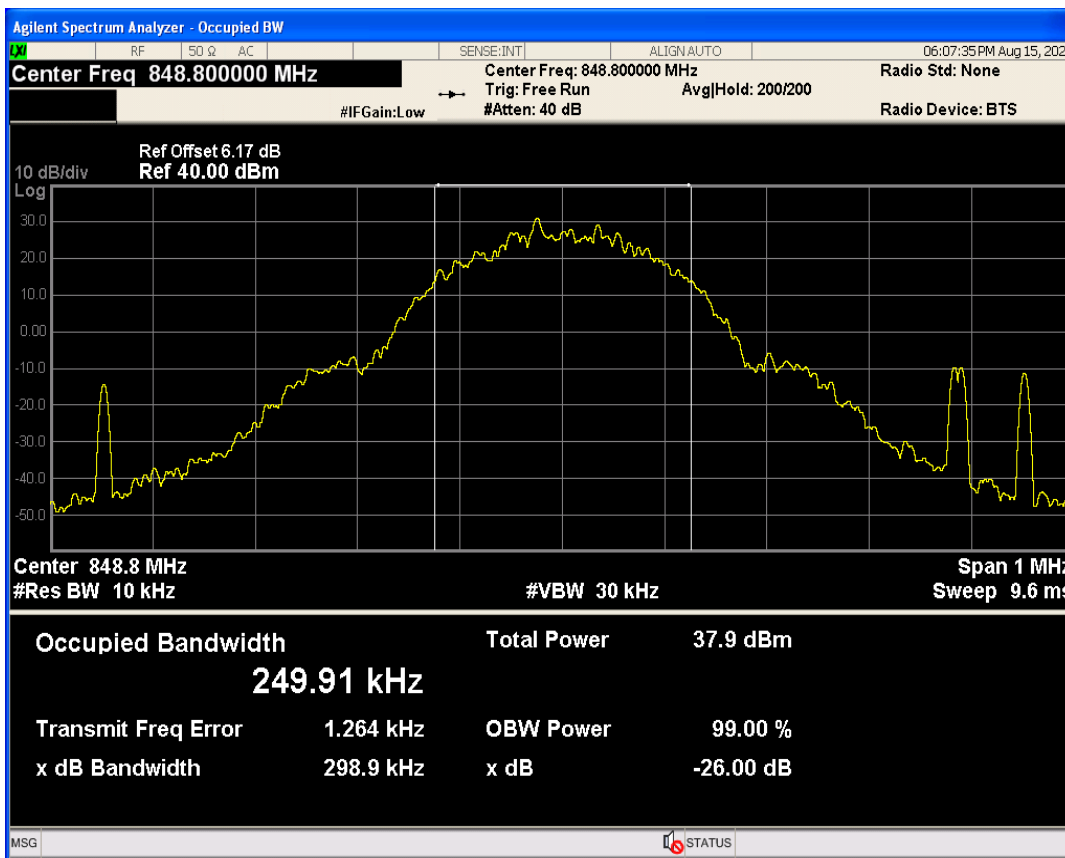
GPRS850 Channel=189



GPRS850 Channel=128



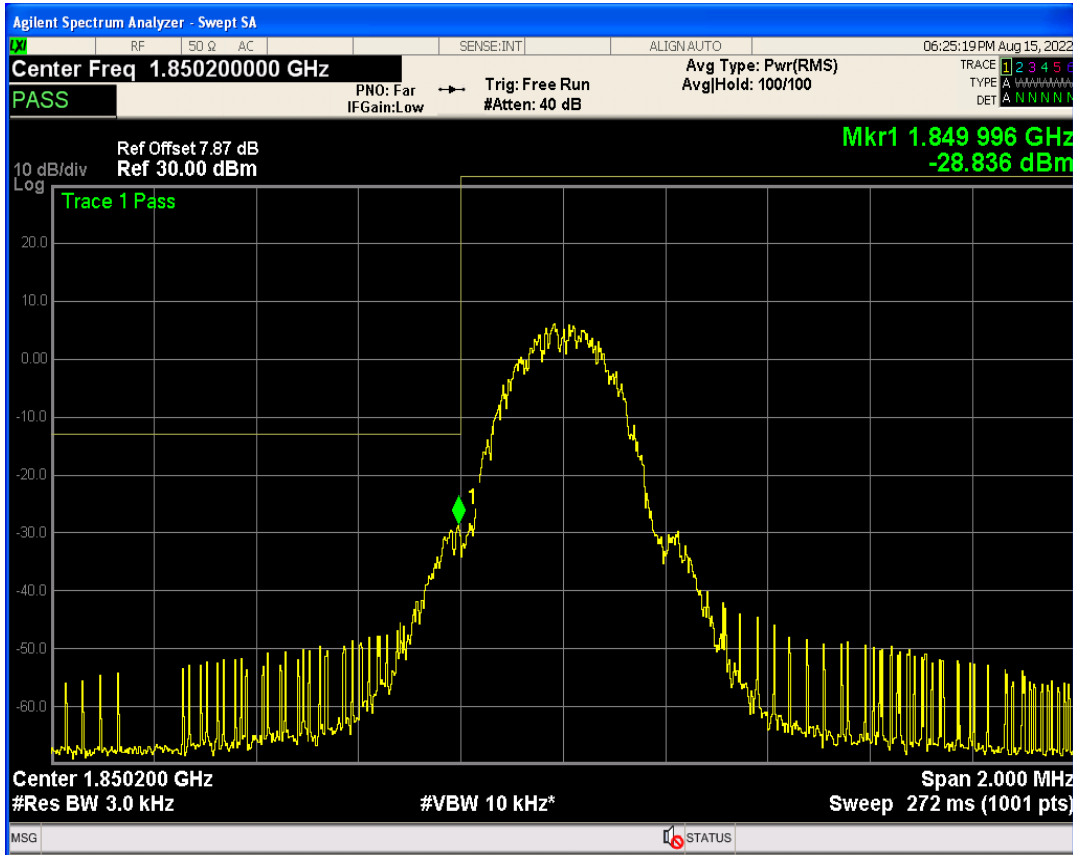
GPRS850 Channel=251



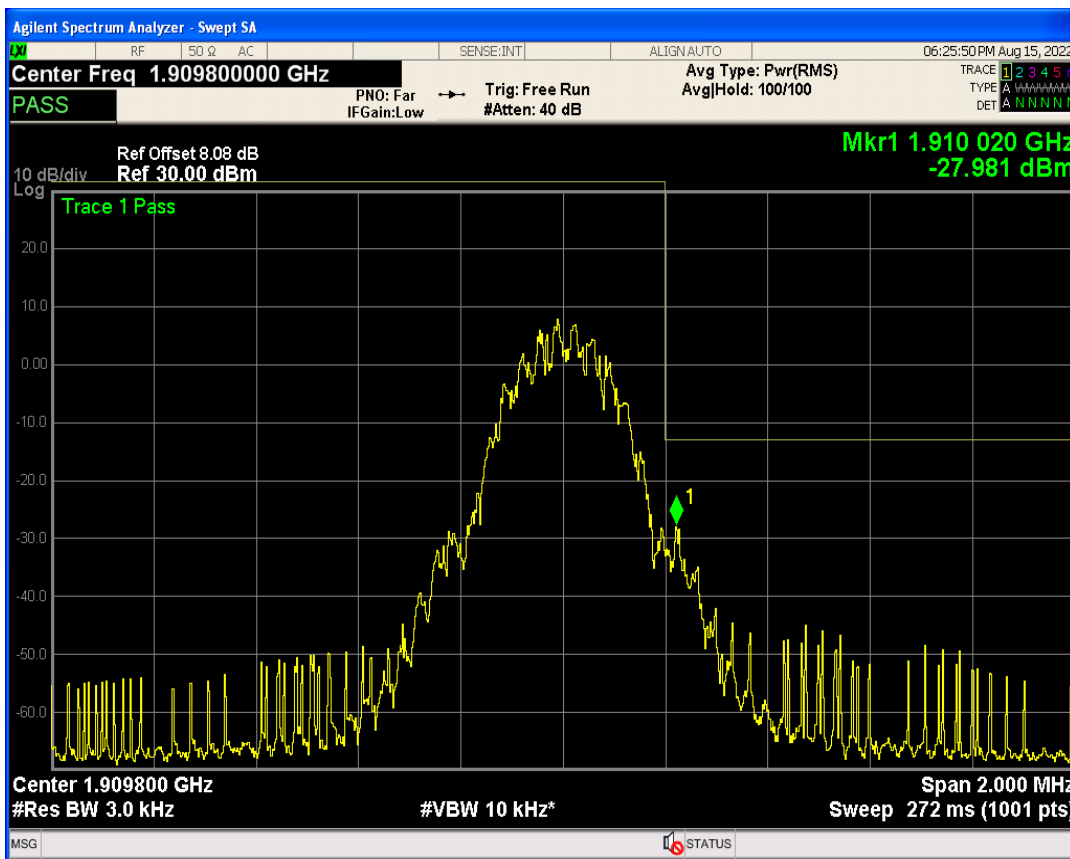
11 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512 | 1850.2 | 1850.00 | -28.83 | -13 | PASS |
| GPRS1900 | 810 | 1909.8 | 1910.02 | -27.98 | -13 | PASS |
| GPRS850 | 128 | 824.2 | 823.99 | -26.34 | -13 | PASS |
| GPRS850 | 251 | 848.8 | 849.02 | -26.29 | -13 | PASS |

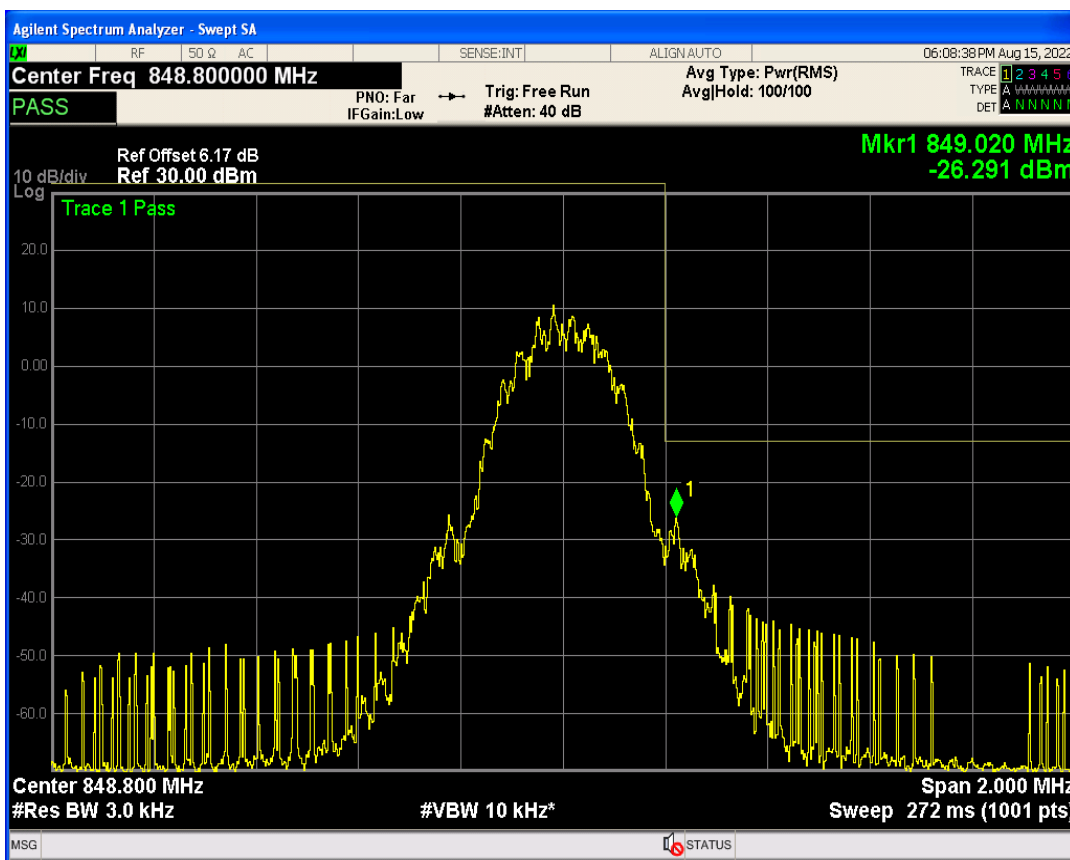
GPRS1900 Channel=512



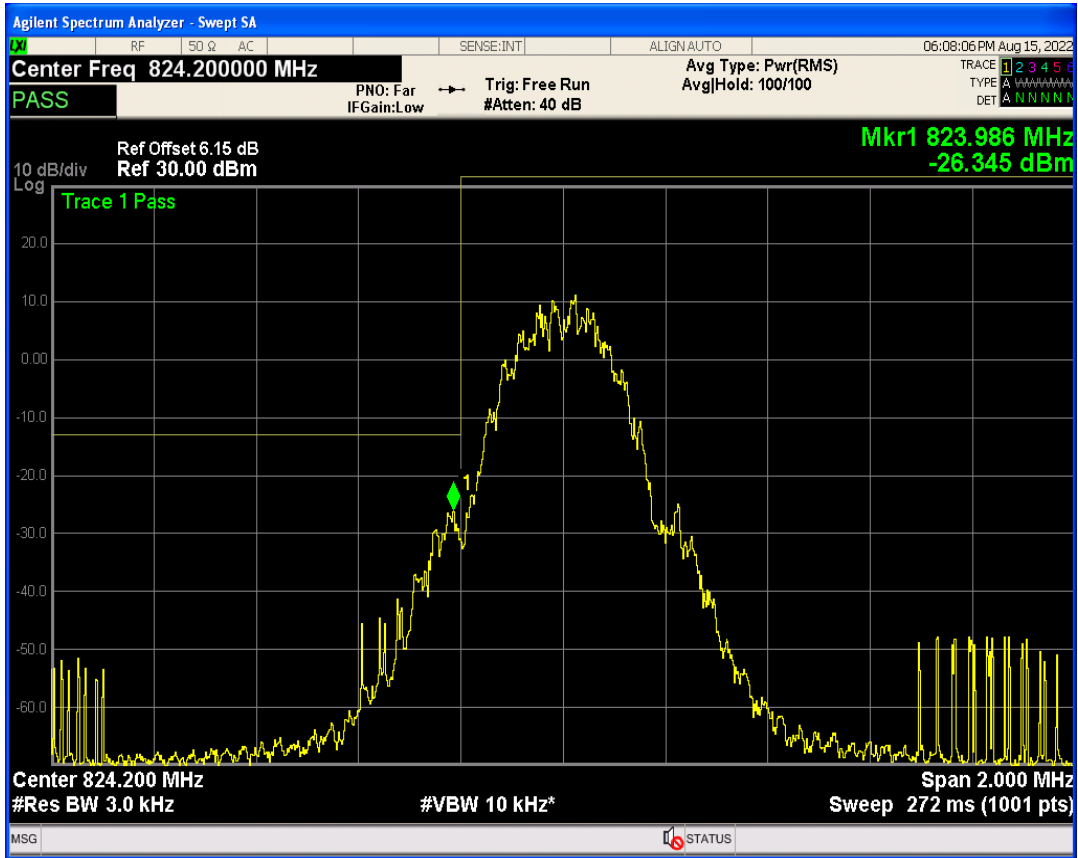
GPRS1900 Channel=810



GPRS850 Channel=251



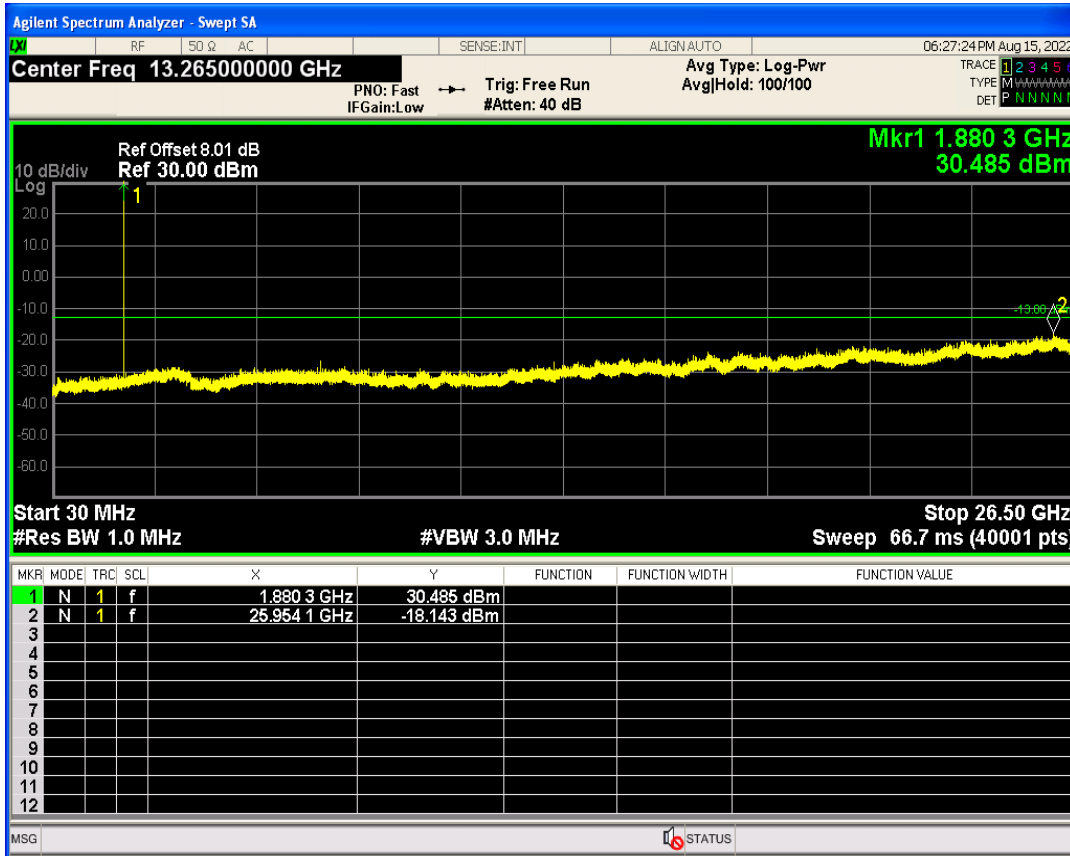
GPRS850 Channel=128



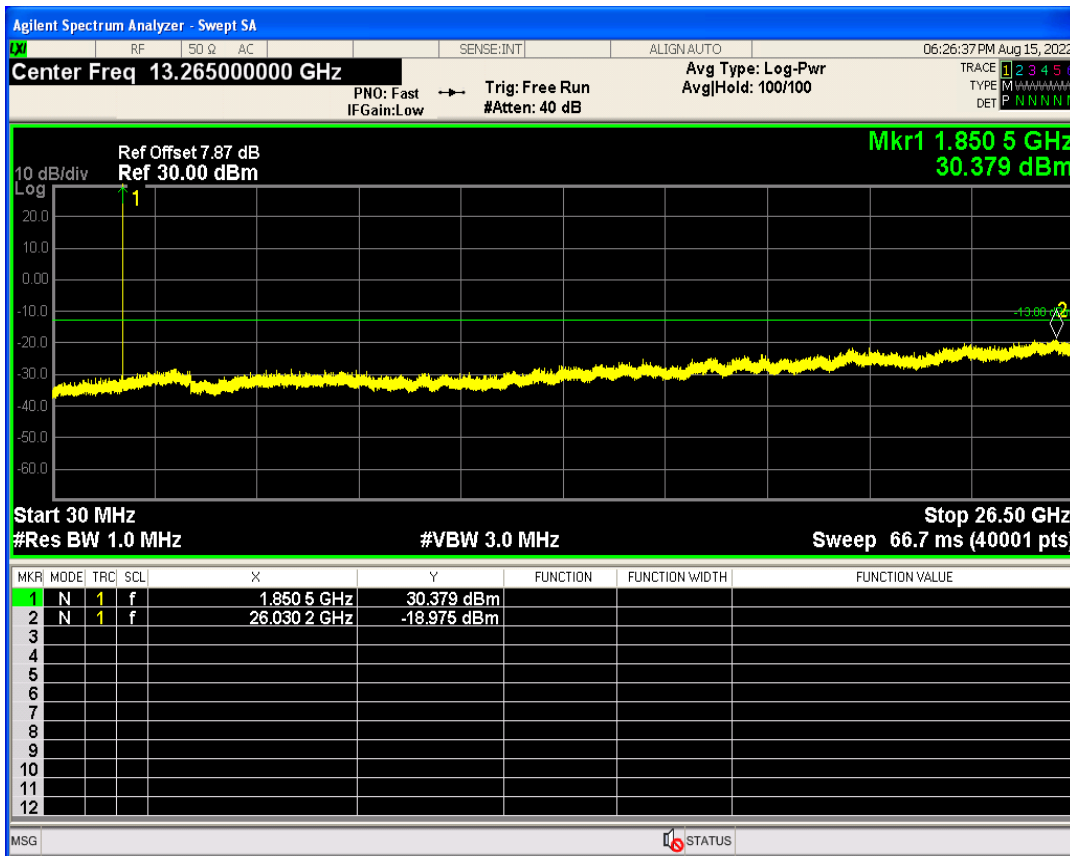
12 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512 | 1850.2 | 26030.16 | -18.97 | -13 | PASS |
| GPRS1900 | 661 | 1880 | 25954.06 | -18.14 | -13 | PASS |
| GPRS1900 | 810 | 1909.8 | 26057.95 | -18.22 | -13 | PASS |
| GPRS850 | 128 | 824.2 | 25996.41 | -19.63 | -13 | PASS |
| GPRS850 | 189 | 836.4 | 26018.91 | -19.47 | -13 | PASS |
| GPRS850 | 251 | 848.8 | 26447.72 | -20.16 | -13 | PASS |

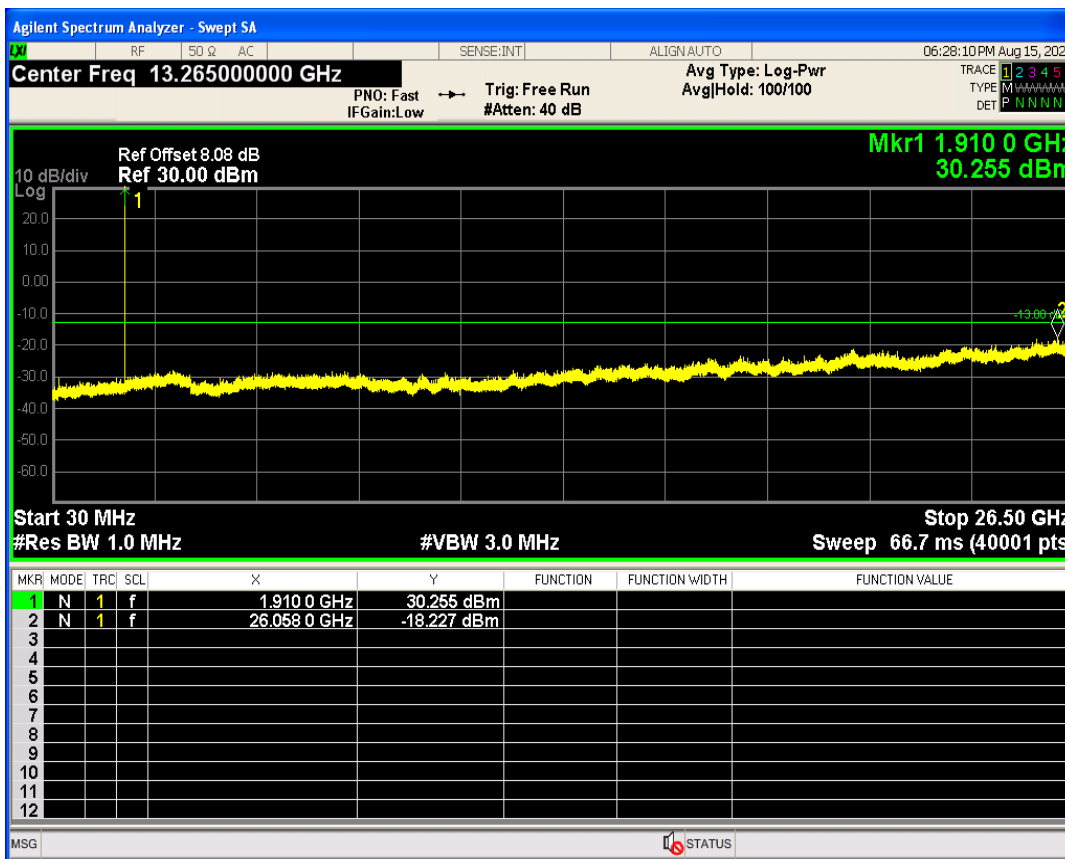
GPRS1900 Channel=661



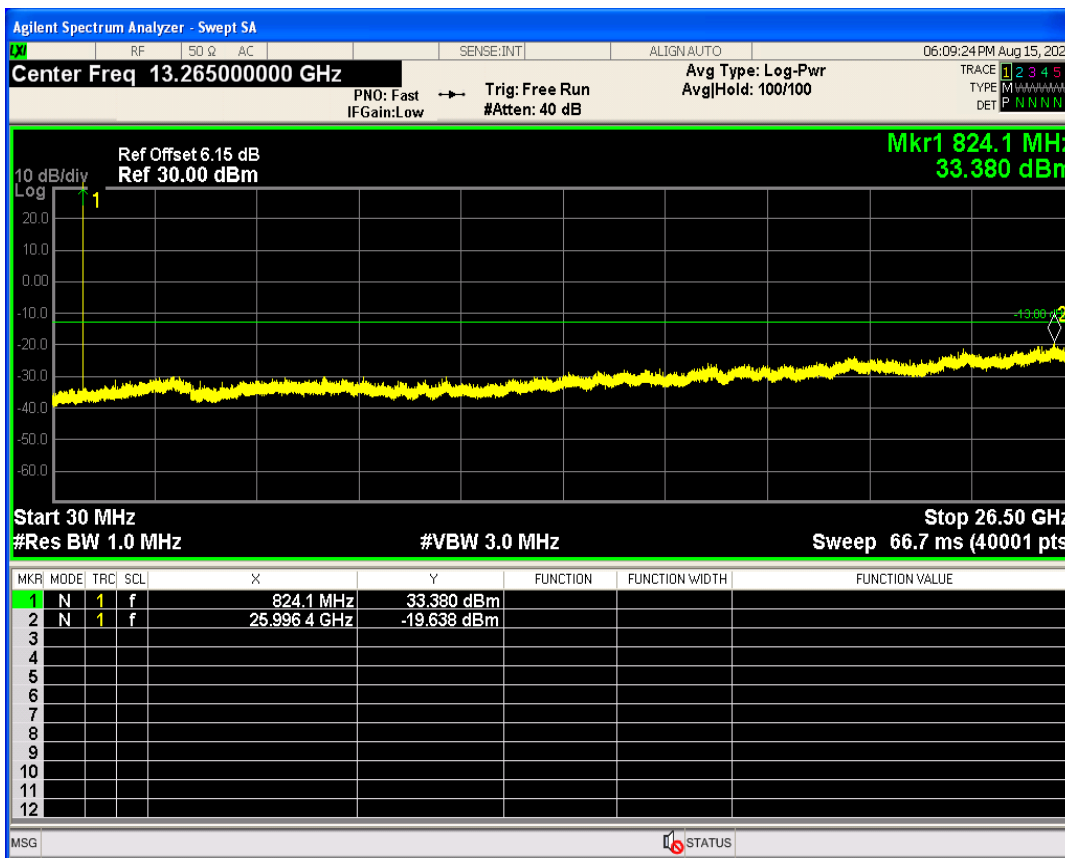
GPRS1900 Channel=512



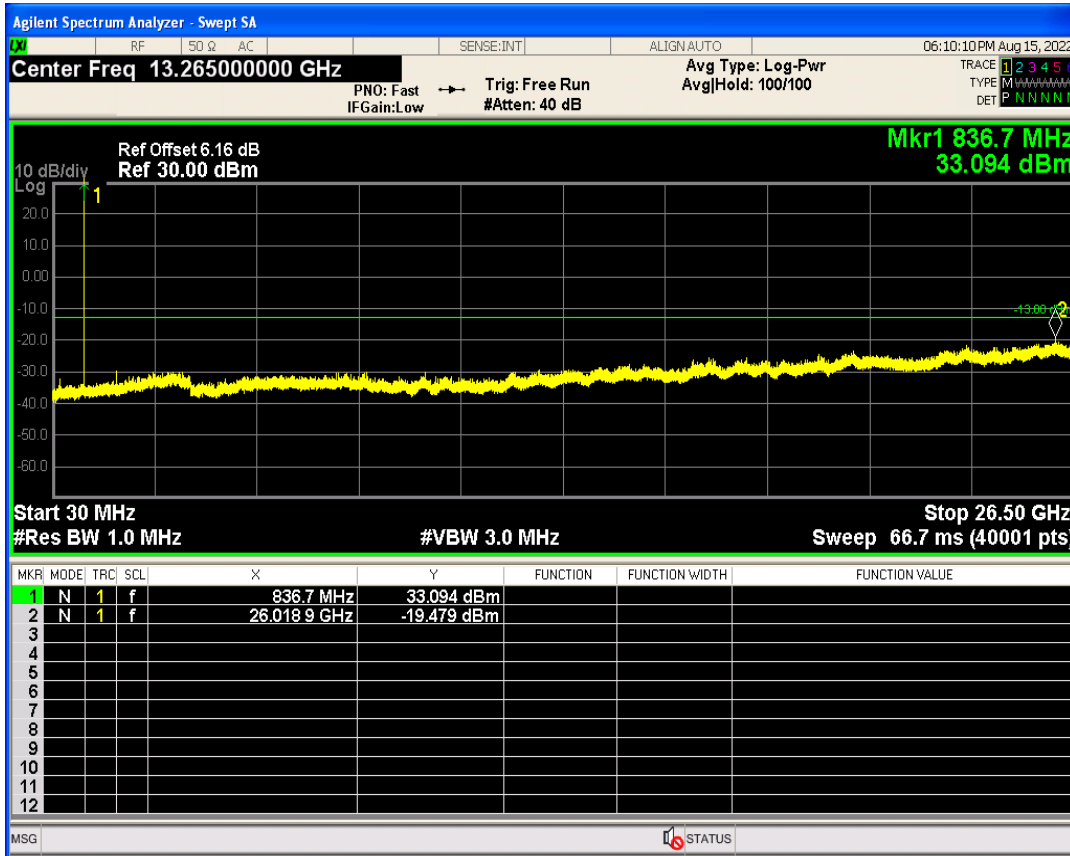
GPRS1900 Channel=810



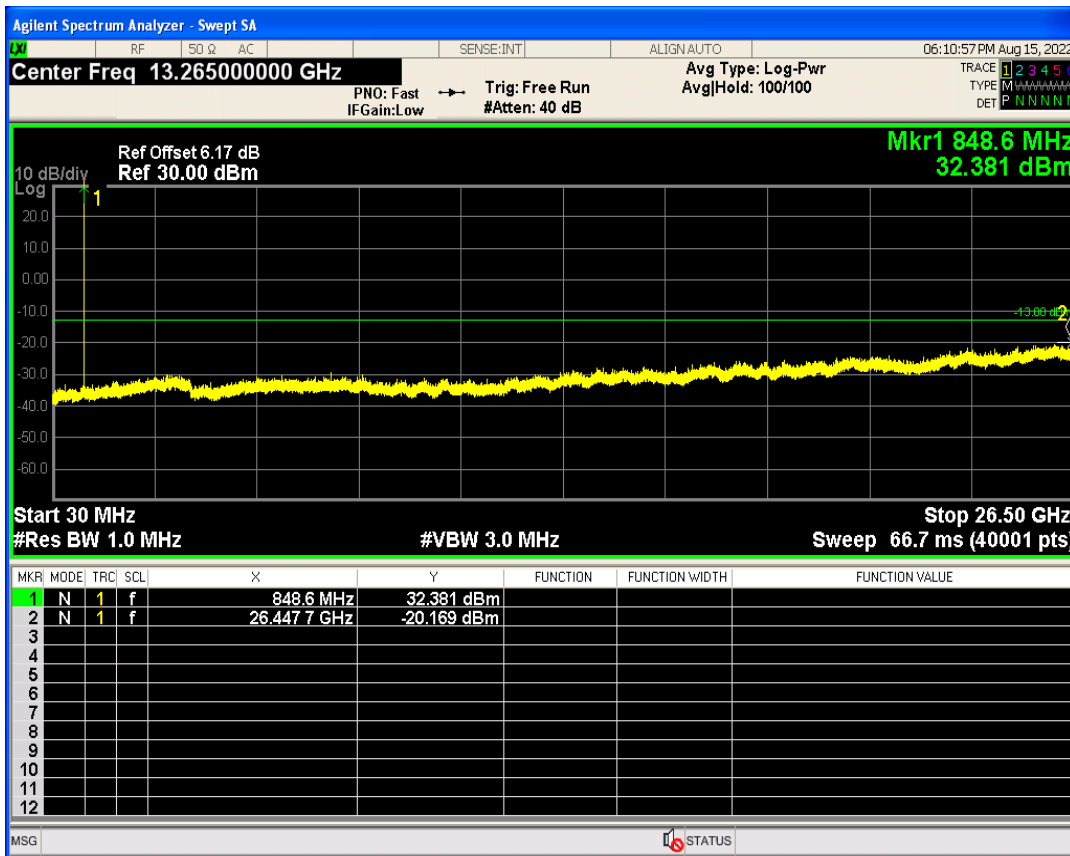
GPRS850 Channel=128



GPRS850 Channel=189



GPRS850 Channel=251



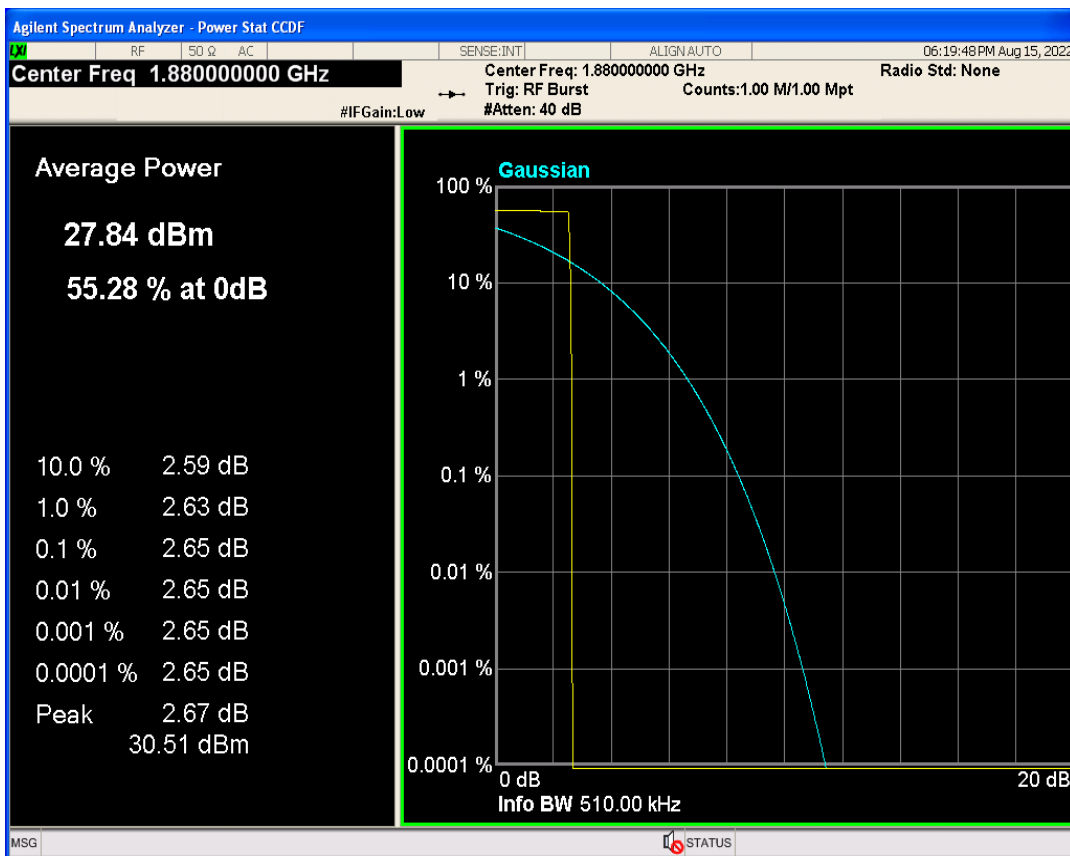
01 Conducted output power

| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|---------|---------|-----------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 29.58 | PASS |
| GSM1900 | 661 | 1880 | 29.48 | PASS |
| GSM1900 | 810 | 1909.8 | 29.34 | PASS |
| GSM850 | 128 | 824.2 | 32.42 | PASS |
| GSM850 | 189 | 836.4 | 32.61 | PASS |
| GSM850 | 251 | 848.8 | 32.55 | PASS |

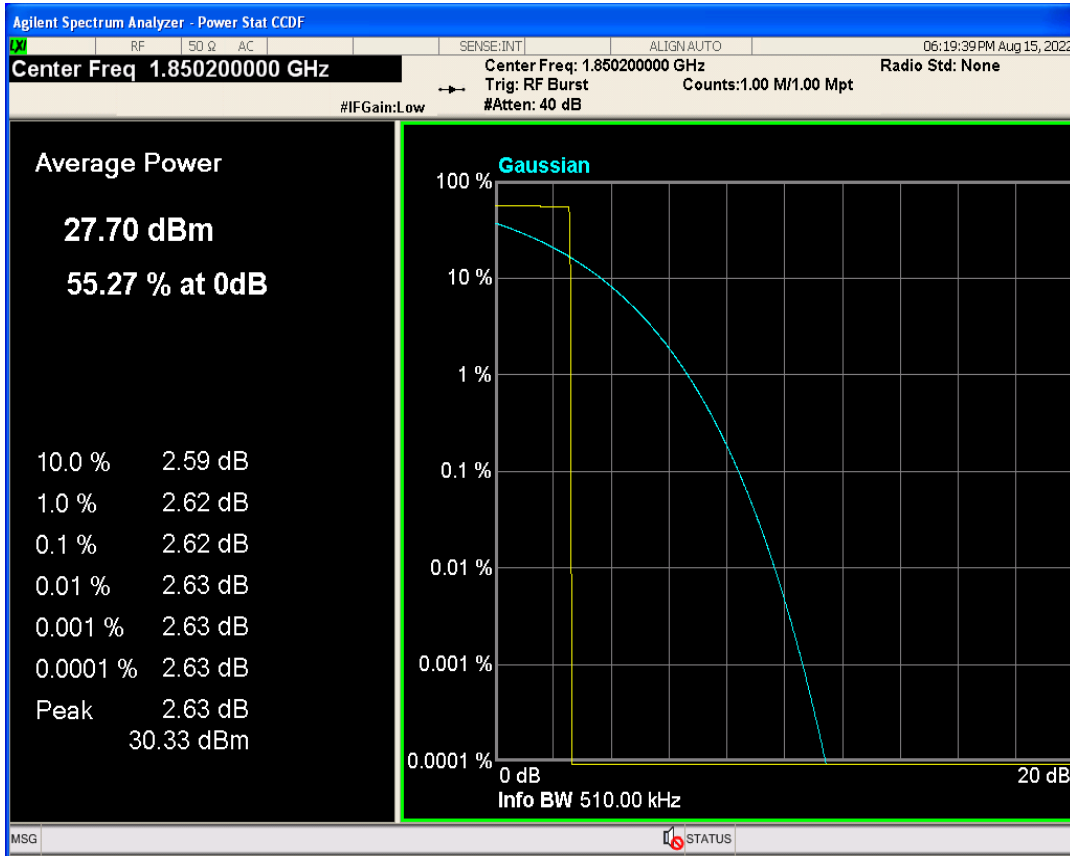
03 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512 | 1850.2 | 2.62 | 13 | PASS |
| GSM1900 | 661 | 1880 | 2.65 | 13 | PASS |
| GSM1900 | 810 | 1909.8 | 2.67 | 13 | PASS |
| GSM850 | 128 | 824.2 | 2.64 | 13 | PASS |
| GSM850 | 189 | 836.4 | 2.63 | 13 | PASS |
| GSM850 | 251 | 848.8 | 2.62 | 13 | PASS |

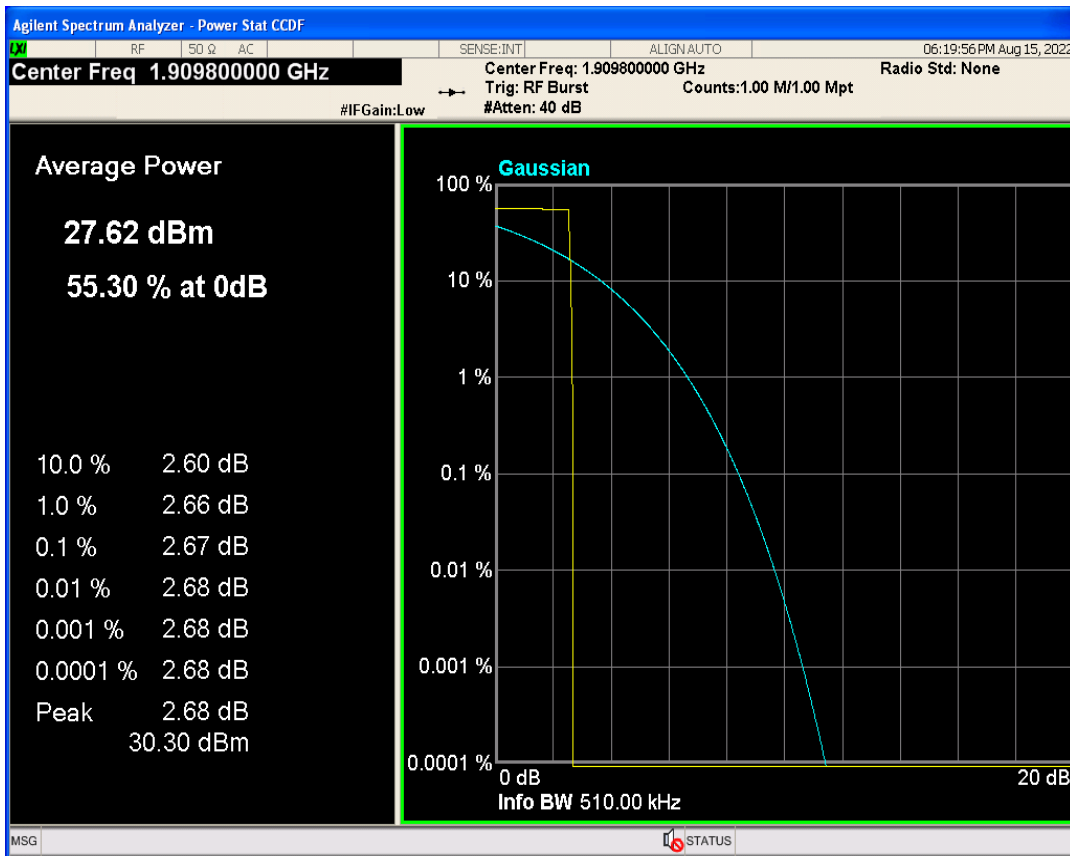
GSM1900 Channel=661



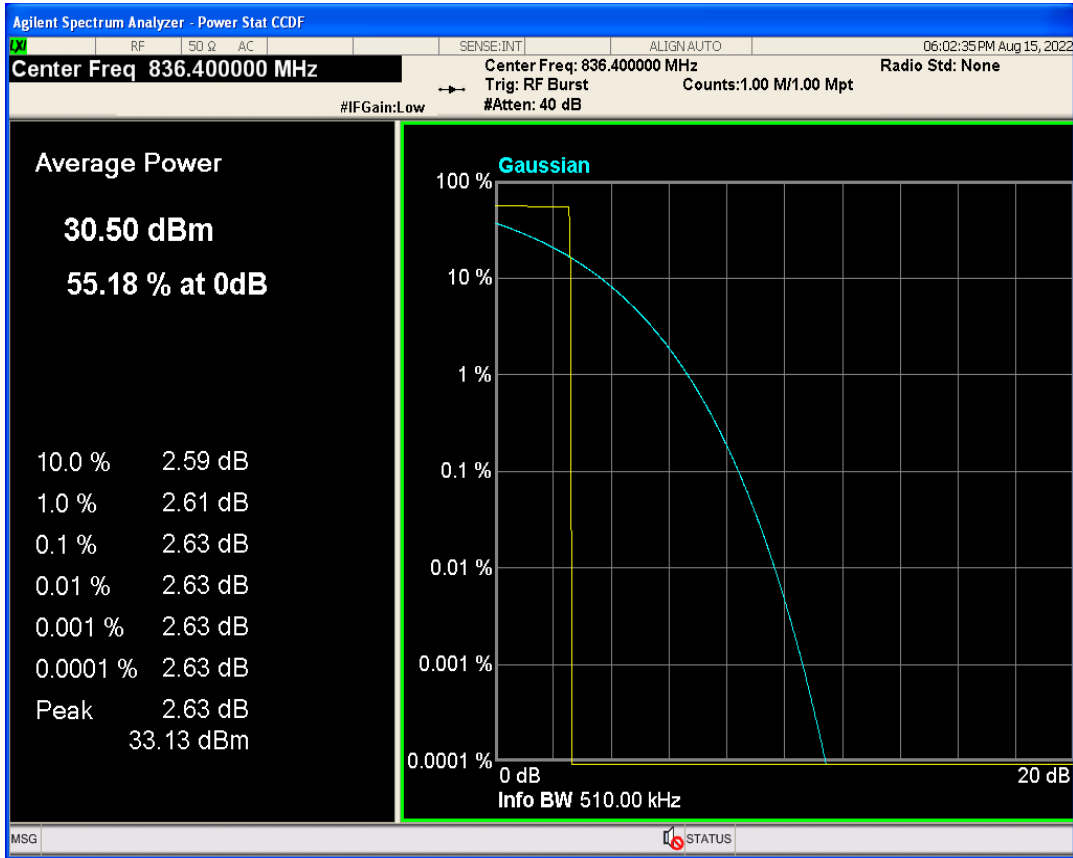
GSM1900 Channel=512



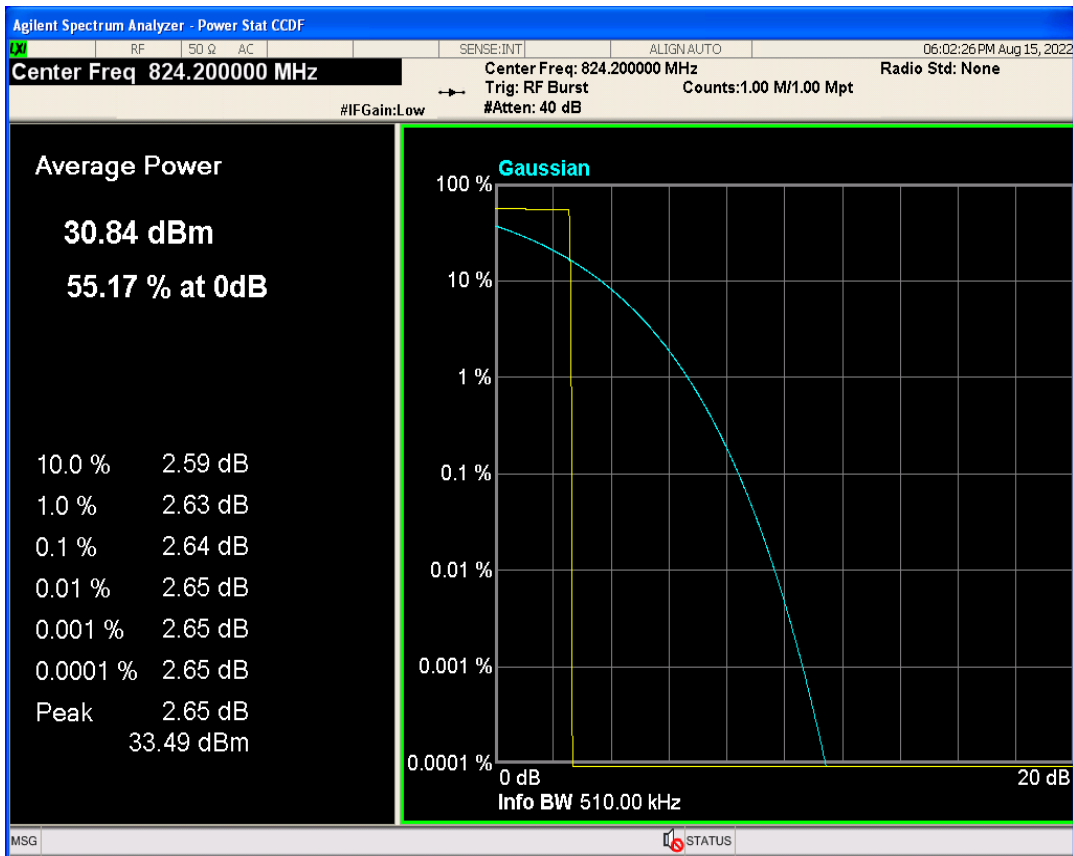
GSM1900 Channel=810



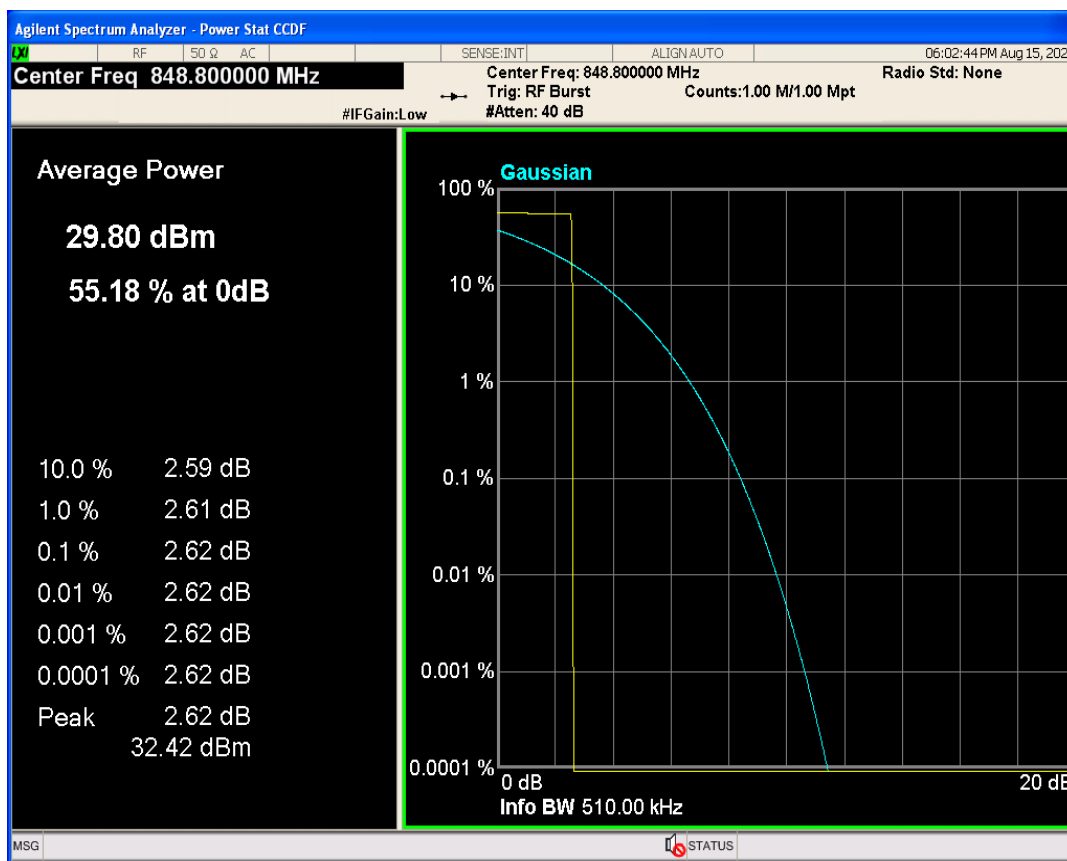
GSM850 Channel=189



GSM850 Channel=128



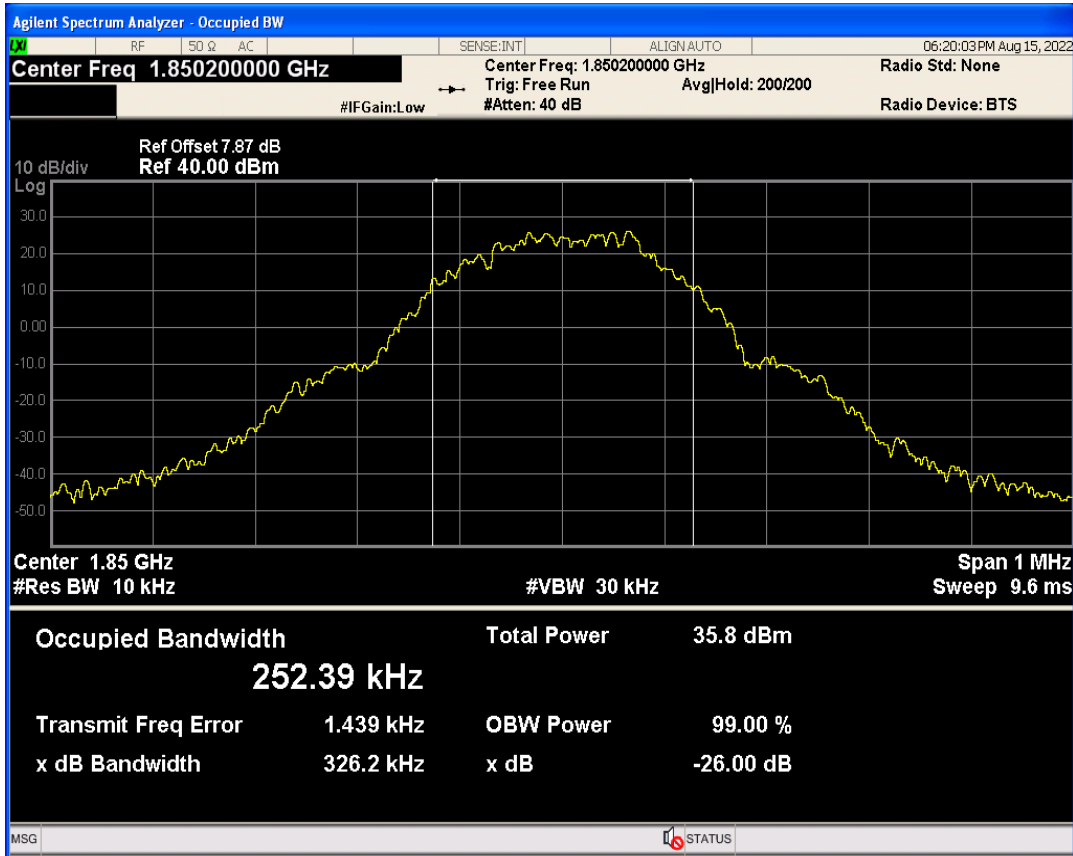
GSM850 Channel=251



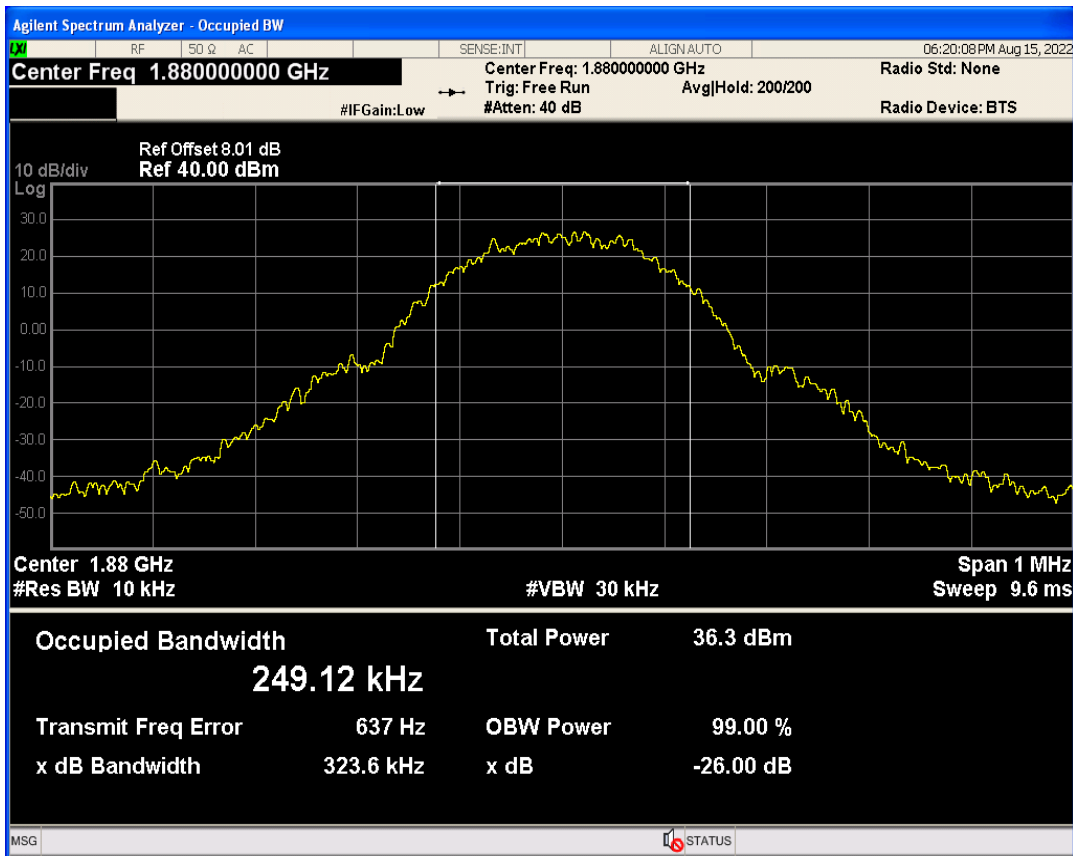
04 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512 | 1850.2 | 252.389 | 326.211 | PASS |
| GSM1900 | 661 | 1880 | 249.116 | 323.641 | PASS |
| GSM1900 | 810 | 1909.8 | 246.607 | 317.927 | PASS |
| GSM850 | 128 | 824.2 | 252.321 | 316.707 | PASS |
| GSM850 | 189 | 836.4 | 244.682 | 314.021 | PASS |
| GSM850 | 251 | 848.8 | 246.117 | 317.733 | PASS |

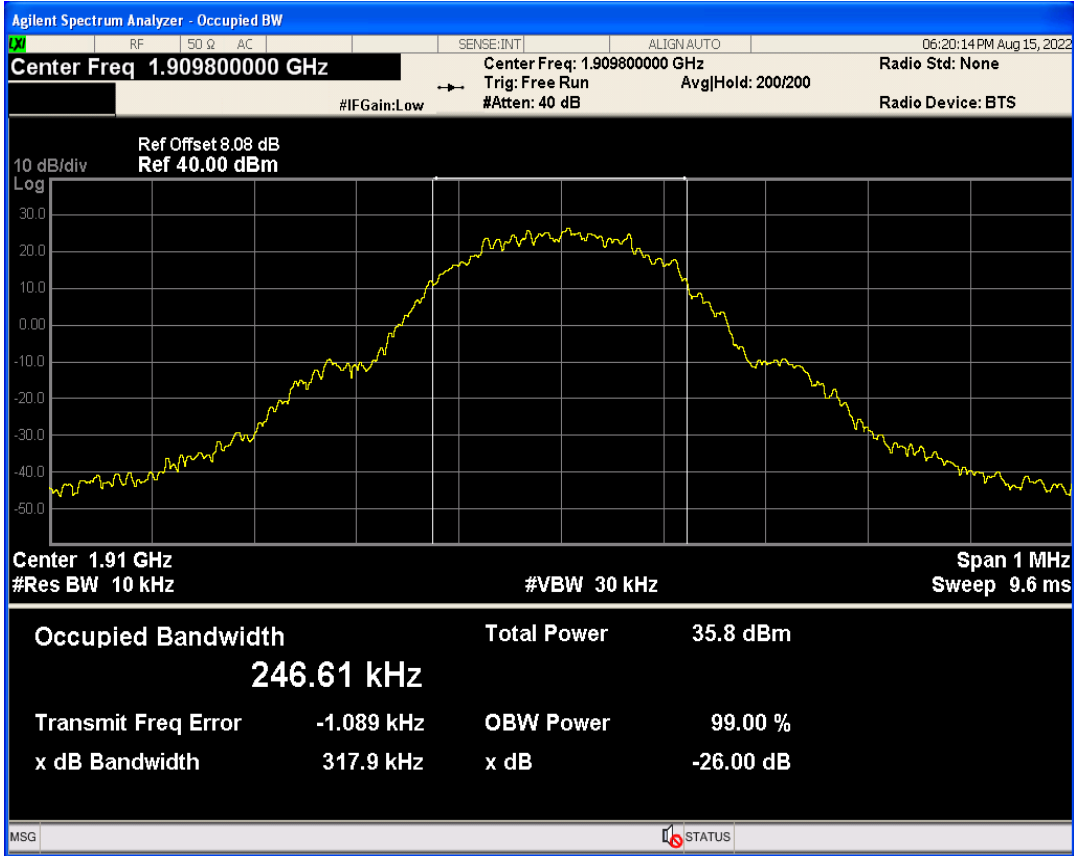
GSM1900 Channel=512



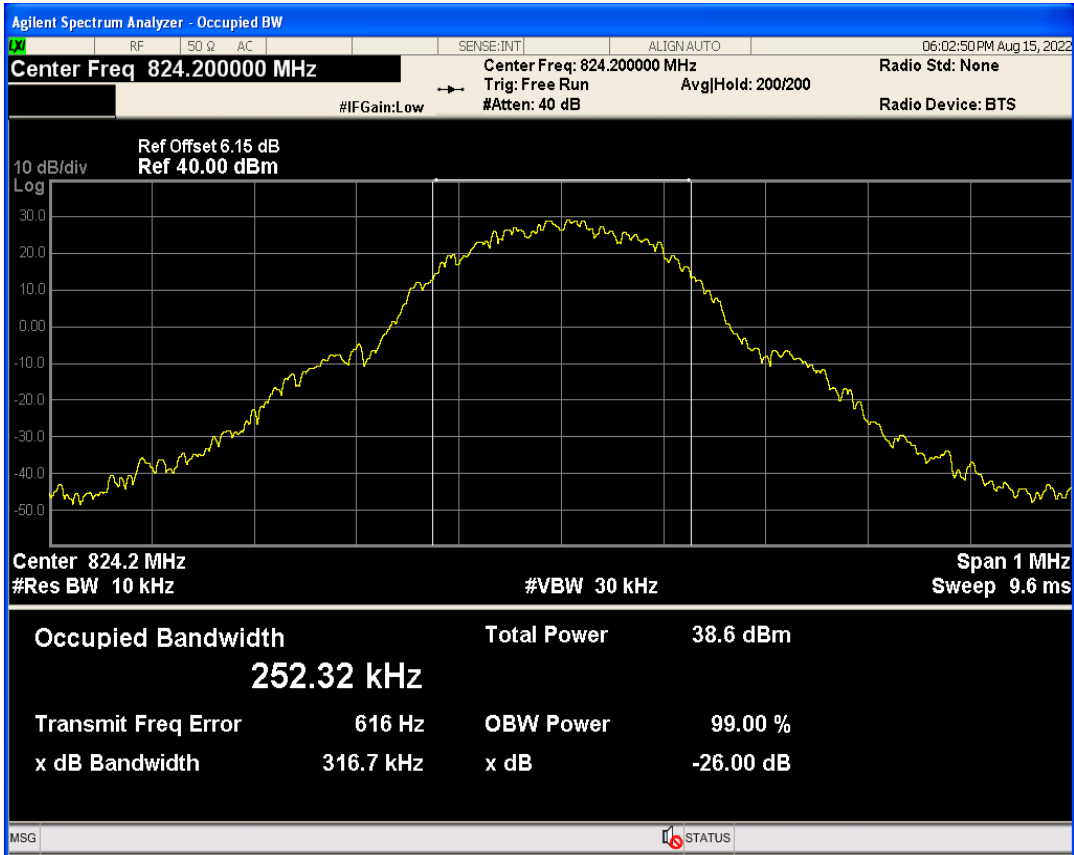
GSM1900 Channel=661



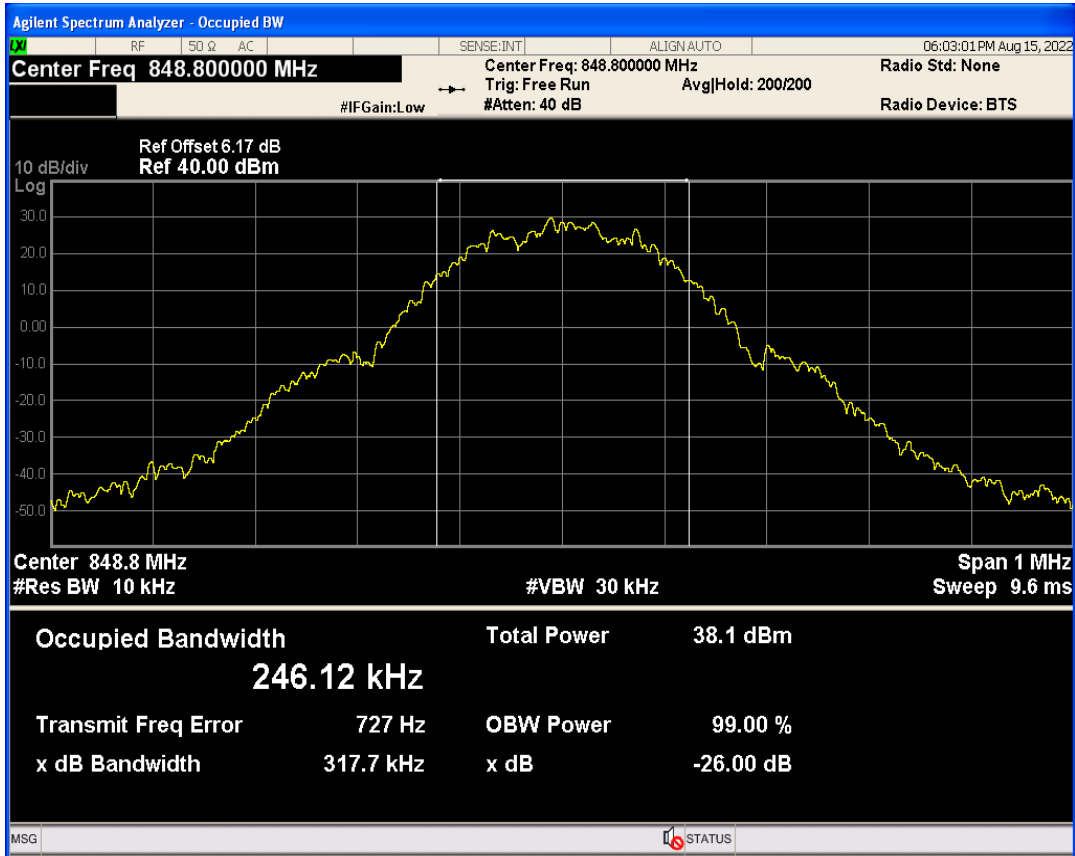
GSM1900 Channel=810



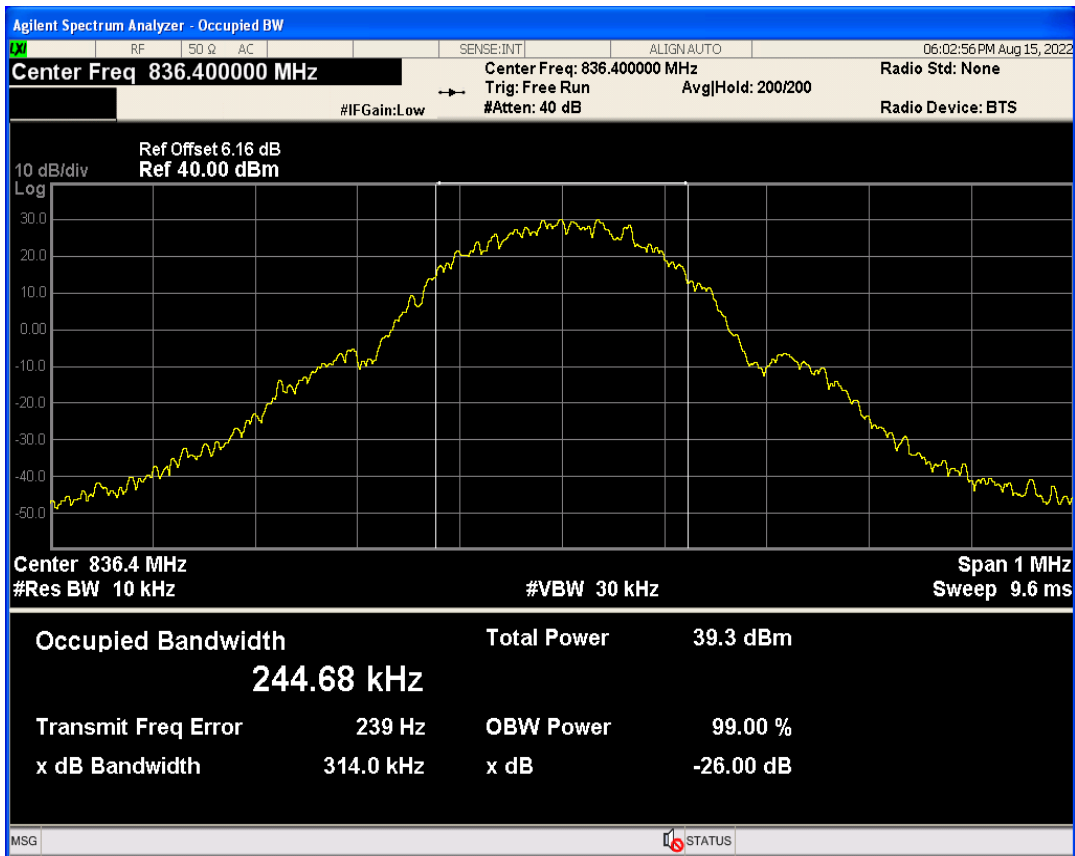
GSM850 Channel=128



GSM850 Channel=251



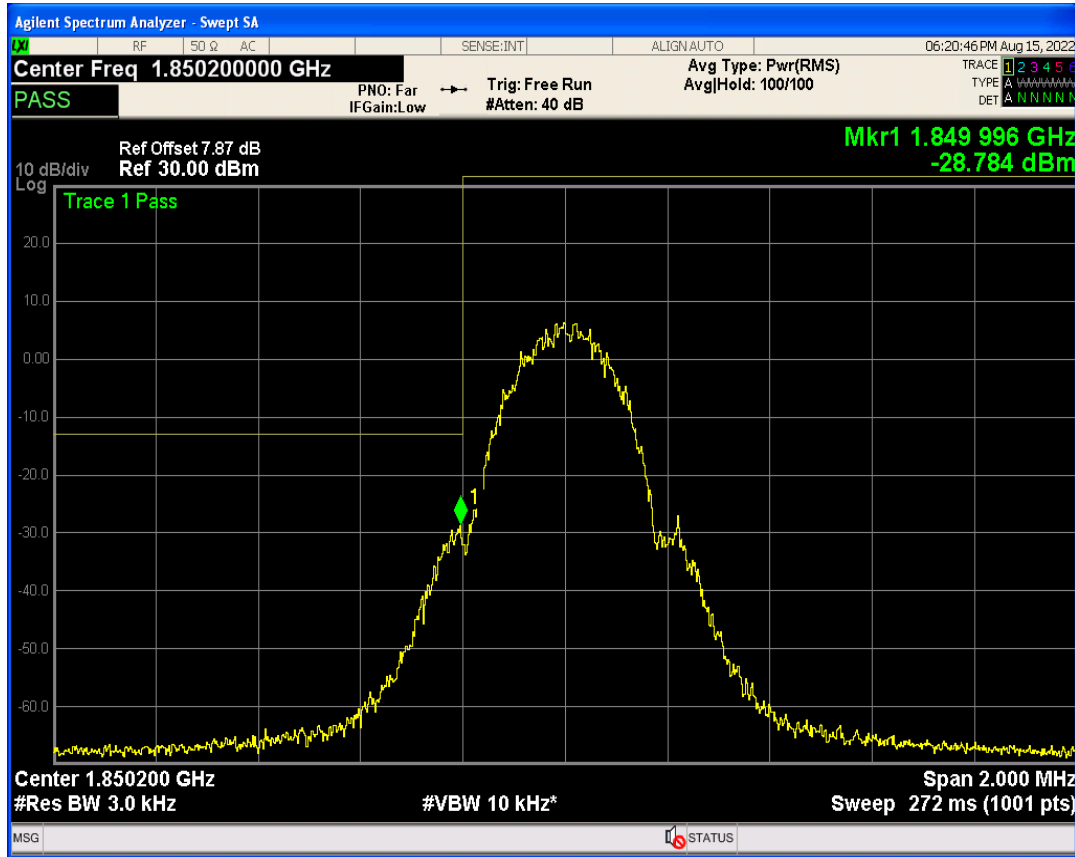
GSM850 Channel=189



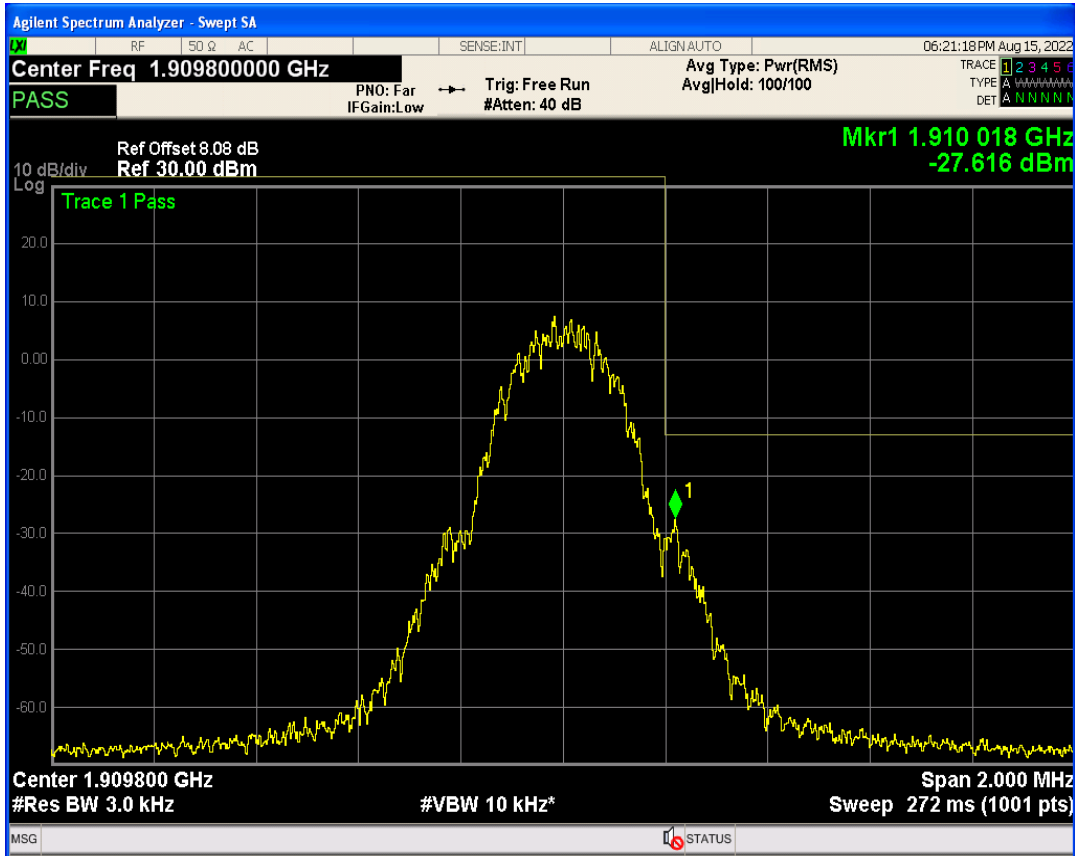
05 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 1850.00 | -28.78 | -13 | PASS |
| GSM1900 | 810 | 1909.8 | 1910.02 | -27.61 | -13 | PASS |
| GSM850 | 128 | 824.2 | 823.99 | -25.85 | -13 | PASS |
| GSM850 | 251 | 848.8 | 849.00 | -27.78 | -13 | PASS |

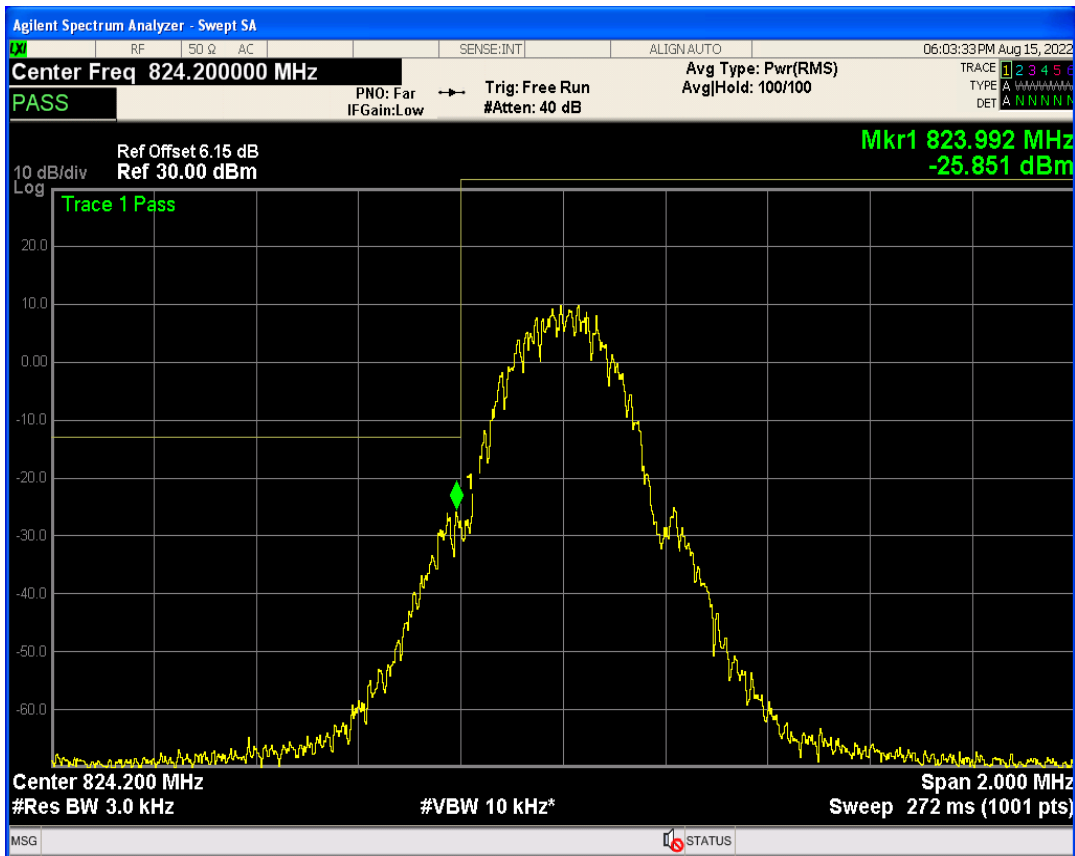
GSM1900 Channel=512



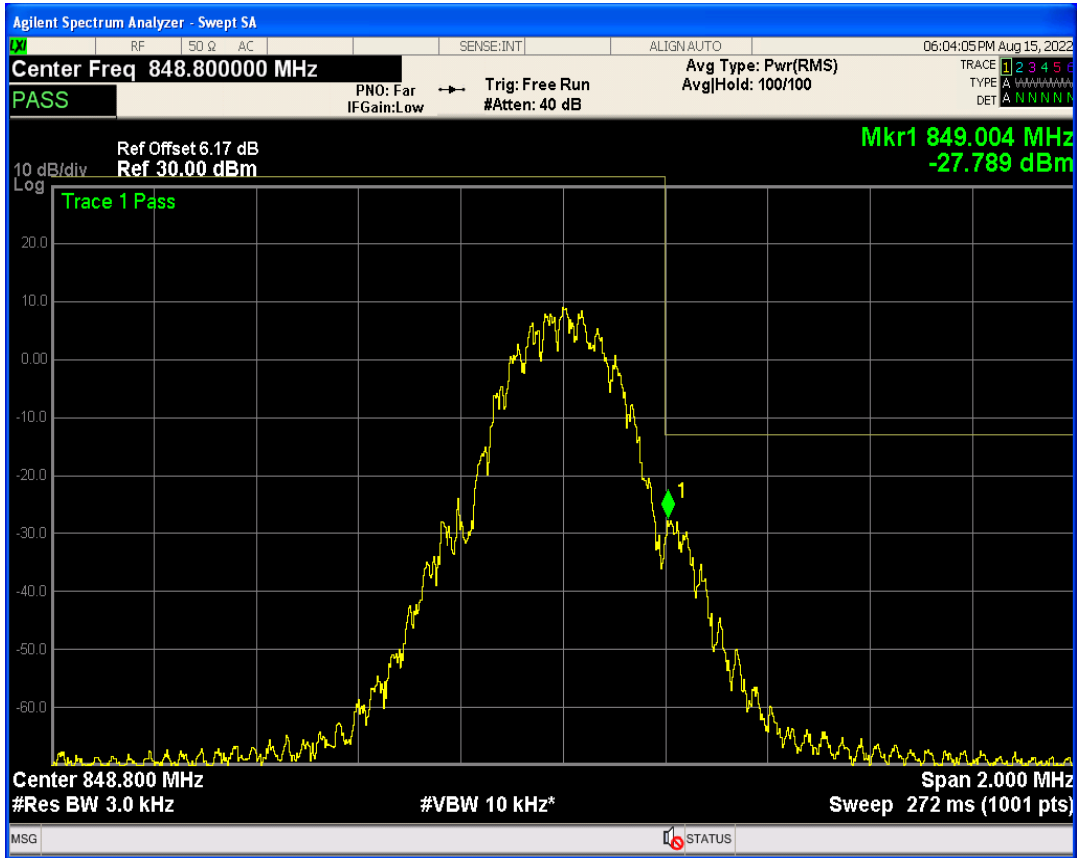
GSM1900 Channel=810



GSM850 Channel=128



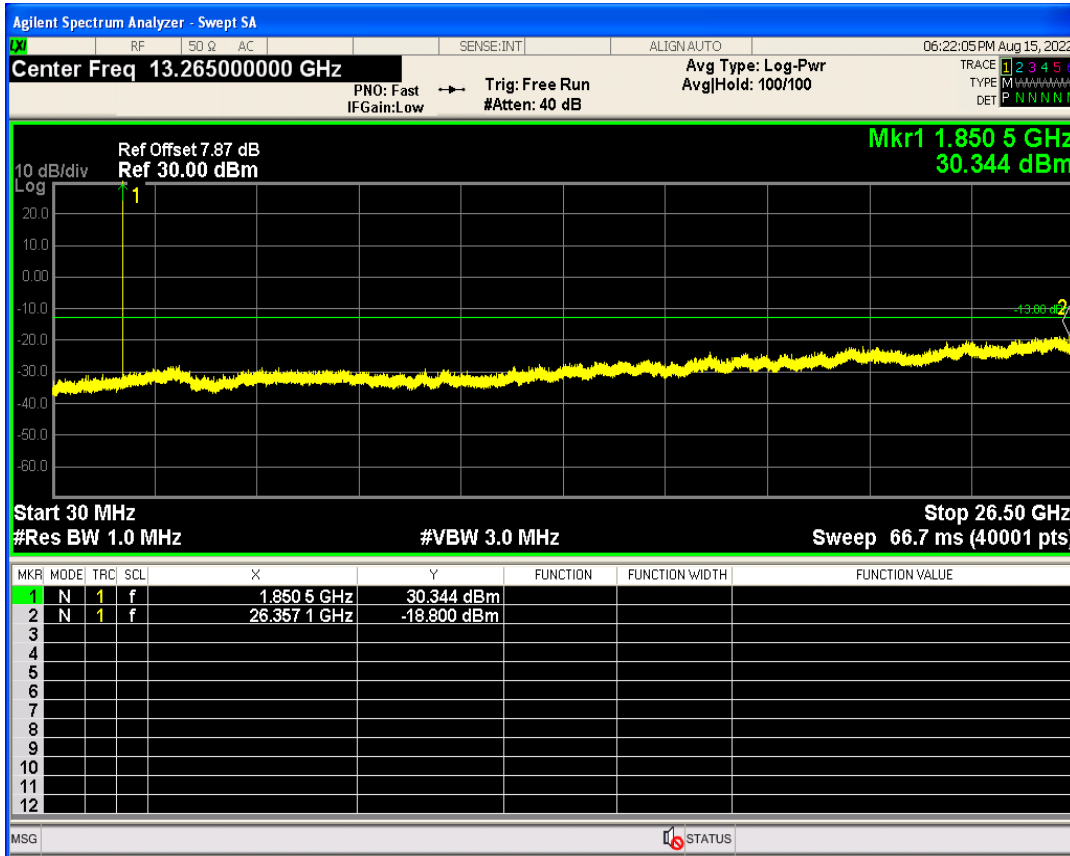
GSM850 Channel=251



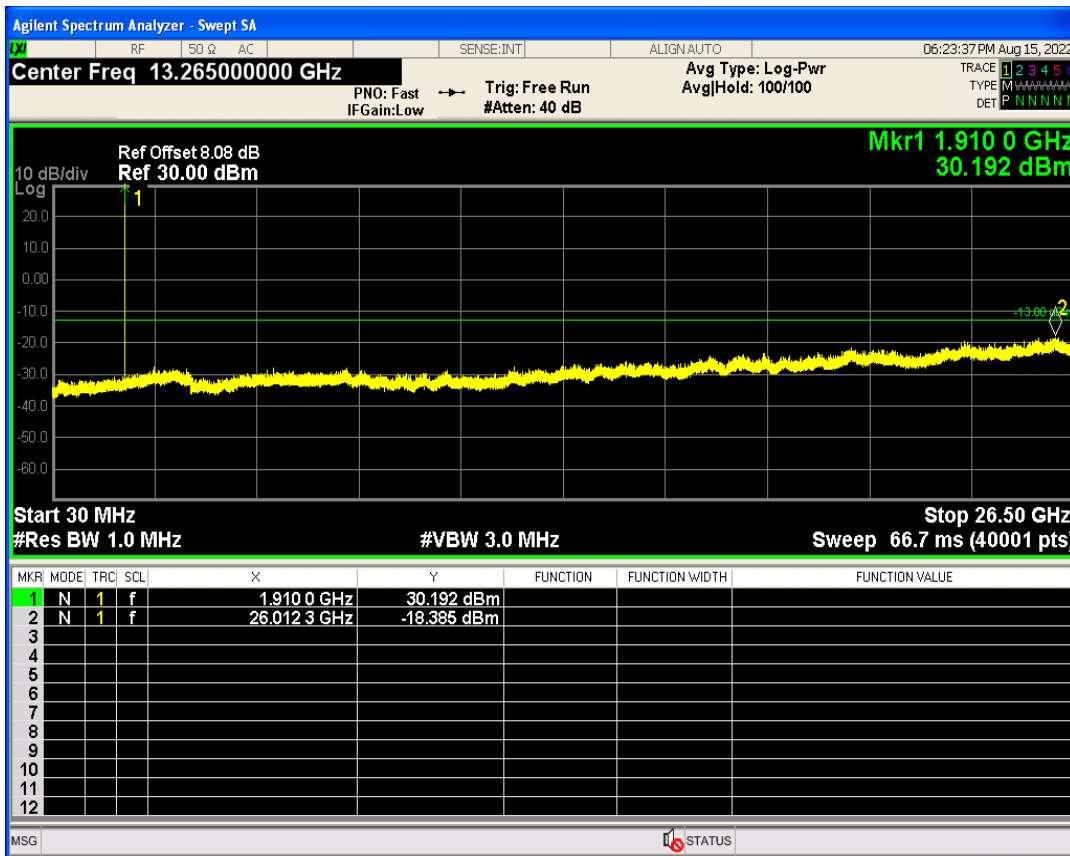
06 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 26357.06 | -18.79 | -13 | PASS |
| GSM1900 | 661 | 1880 | 25969.94 | -18.39 | -13 | PASS |
| GSM1900 | 810 | 1909.8 | 26012.29 | -18.38 | -13 | PASS |
| GSM850 | 128 | 824.2 | 26003.03 | -20.31 | -13 | PASS |
| GSM850 | 189 | 836.4 | 25887.88 | -20.27 | -13 | PASS |
| GSM850 | 251 | 848.8 | 26052.00 | -18.49 | -13 | PASS |

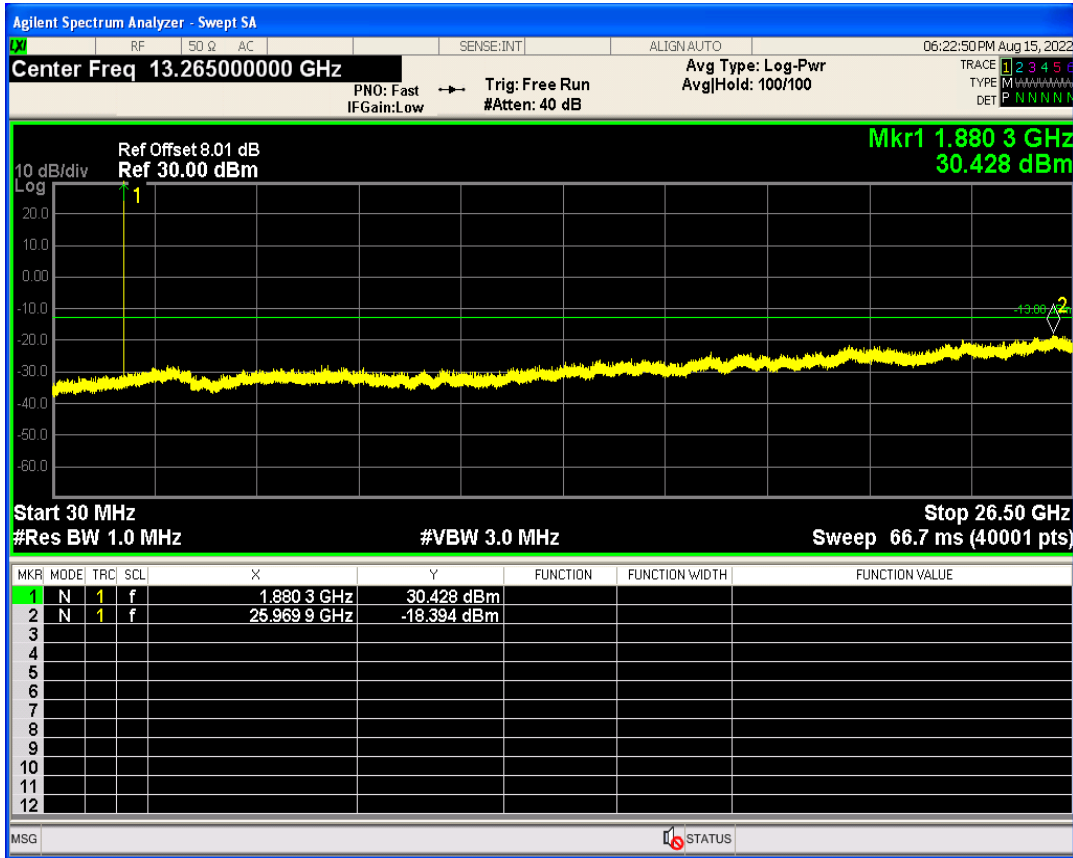
GSM1900 Channel=512



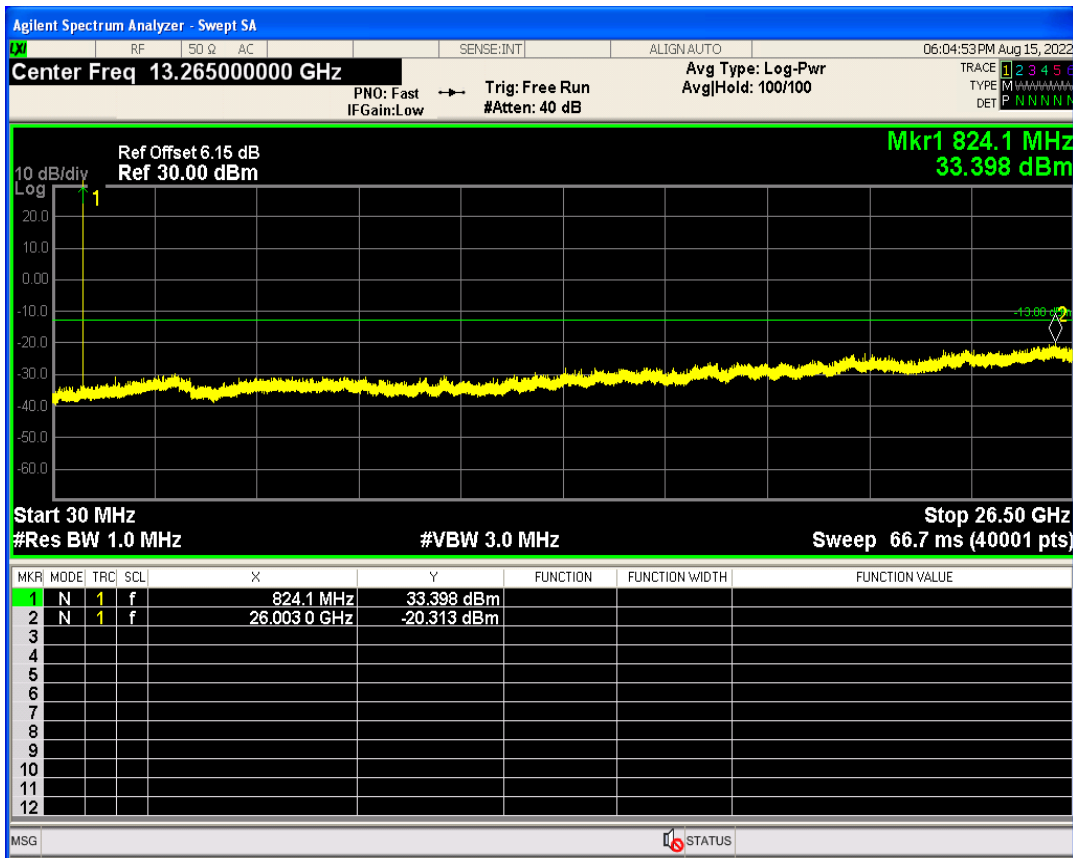
GSM1900 Channel=810



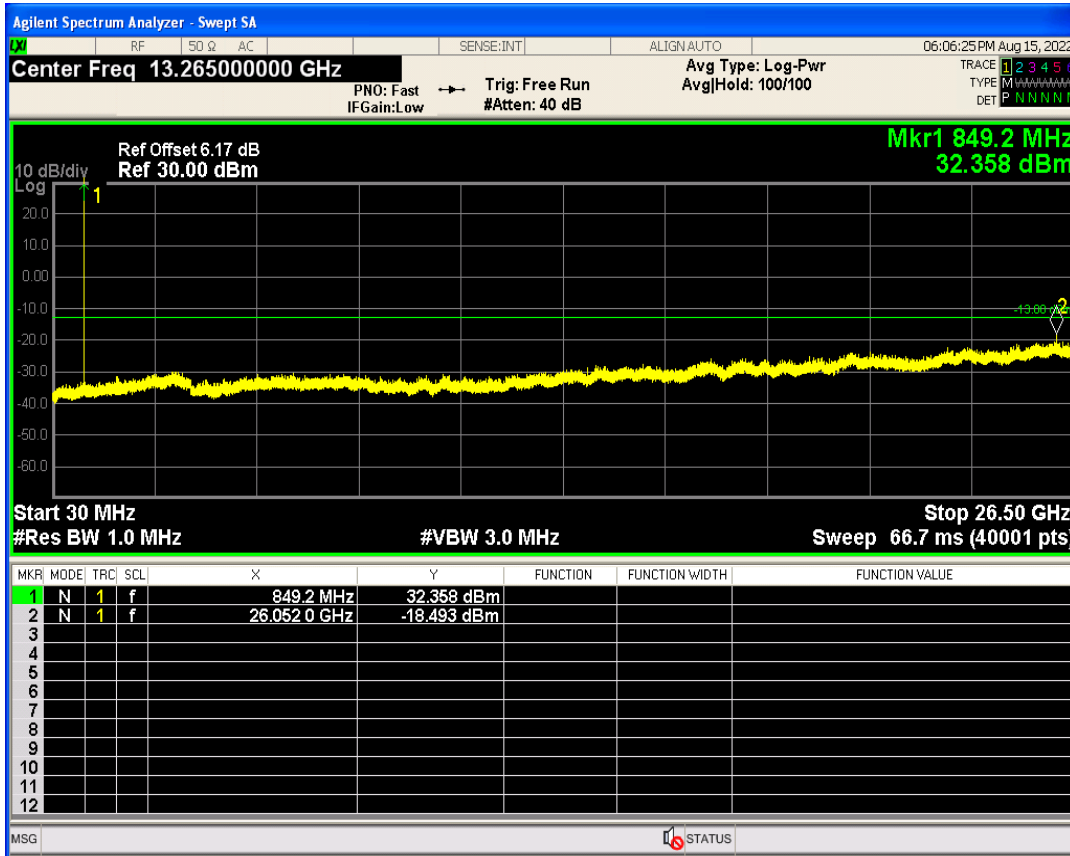
GSM1900 Channel=661



GSM850 Channel=128



GSM850 Channel=251



GSM850 Channel=189

