

13 Conducted output power

| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|------------------|---------|-----------------|-------------|---------|
| EGPRS1900 1 Slot | 512 | 1850.2 | 24.50 | PASS |
| EGPRS1900 1 Slot | 661 | 1880 | 24.80 | PASS |
| EGPRS1900 1 Slot | 810 | 1909.8 | 24.92 | PASS |
| EGPRS1900 2 Slot | 512 | 1850.2 | 23.47 | PASS |
| EGPRS1900 2 Slot | 661 | 1880 | 23.68 | PASS |
| EGPRS1900 2 Slot | 810 | 1909.8 | 23.54 | PASS |
| EGPRS1900 3 Slot | 512 | 1850.2 | 21.29 | PASS |
| EGPRS1900 3 Slot | 661 | 1880 | 21.56 | PASS |
| EGPRS1900 3 Slot | 810 | 1909.8 | 21.77 | PASS |
| EGPRS1900 4 Slot | 512 | 1850.2 | 20.37 | PASS |
| EGPRS1900 4 Slot | 661 | 1880 | 20.39 | PASS |
| EGPRS1900 4 Slot | 810 | 1909.8 | 20.08 | PASS |
| EGPRS850 1 Slot | 128 | 824.2 | 25.71 | PASS |
| EGPRS850 1 Slot | 189 | 836.4 | 26.20 | PASS |
| EGPRS850 1 Slot | 251 | 848.8 | 26.36 | PASS |
| EGPRS850 2 Slot | 128 | 824.2 | 25.05 | PASS |
| EGPRS850 2 Slot | 189 | 836.4 | 25.53 | PASS |
| EGPRS850 2 Slot | 251 | 848.8 | 25.29 | PASS |
| EGPRS850 3 Slot | 128 | 824.2 | 23.39 | PASS |
| EGPRS850 3 Slot | 189 | 836.4 | 23.29 | PASS |
| EGPRS850 3 Slot | 251 | 848.8 | 23.20 | PASS |
| EGPRS850 4 Slot | 128 | 824.2 | 22.18 | PASS |
| EGPRS850 4 Slot | 189 | 836.4 | 22.00 | PASS |
| EGPRS850 4 Slot | 251 | 848.8 | 21.86 | PASS |

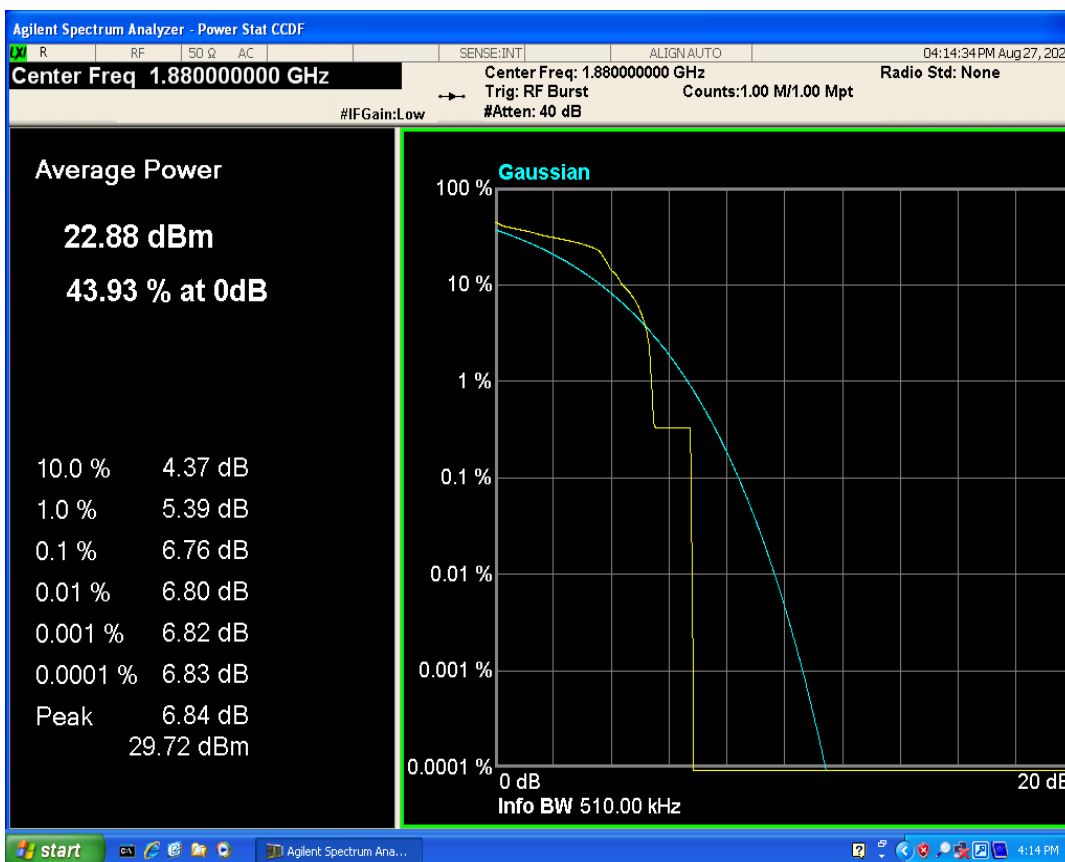
15 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|-----------|---------|-----------------|-------------|-----------------|---------|
| EGPRS1900 | 512 | 1850.2 | 6.508402878 | 13.00 | PASS |
| EGPRS1900 | 661 | 1880 | 6.757211538 | 13.00 | PASS |
| EGPRS1900 | 810 | 1909.8 | 7.817640693 | 13.00 | PASS |
| EGPRS850 | 128 | 824.2 | 8.585771144 | 13.00 | PASS |
| EGPRS850 | 189 | 836.4 | 7.999361233 | 13.00 | PASS |
| EGPRS850 | 251 | 848.8 | 7.344162679 | 13.00 | PASS |

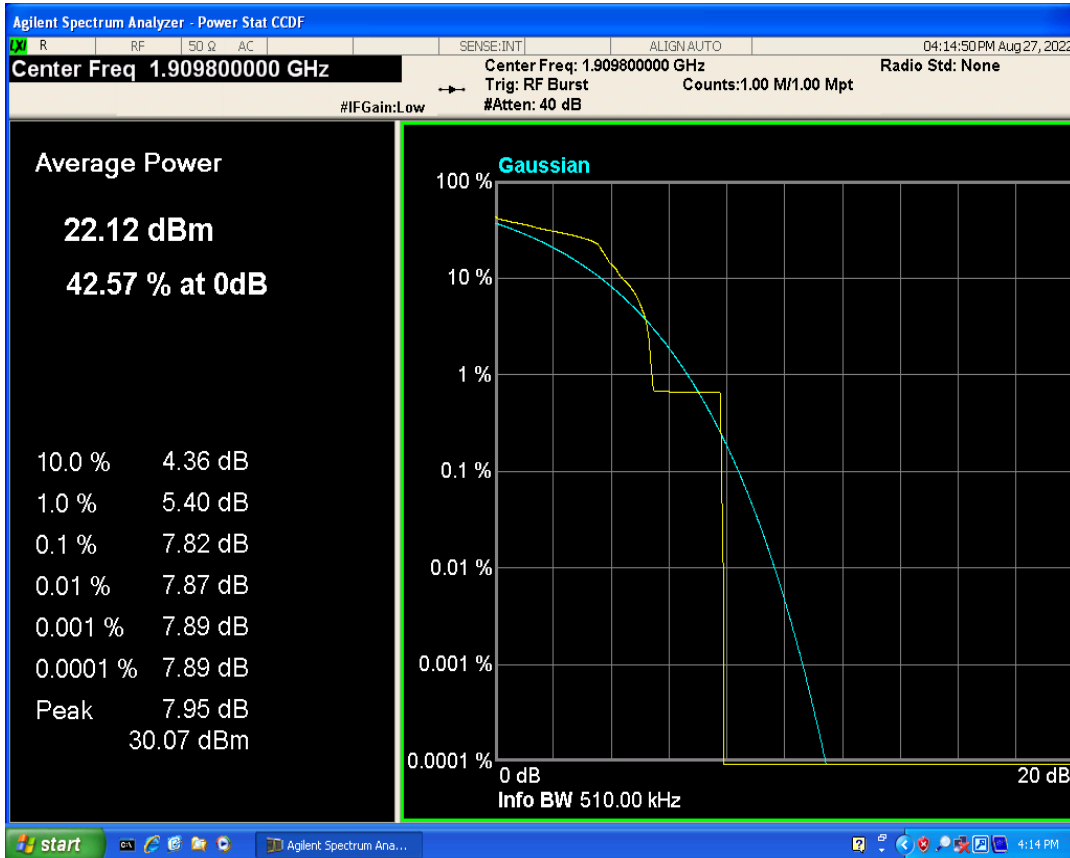
EGPRS1900 Channel=512



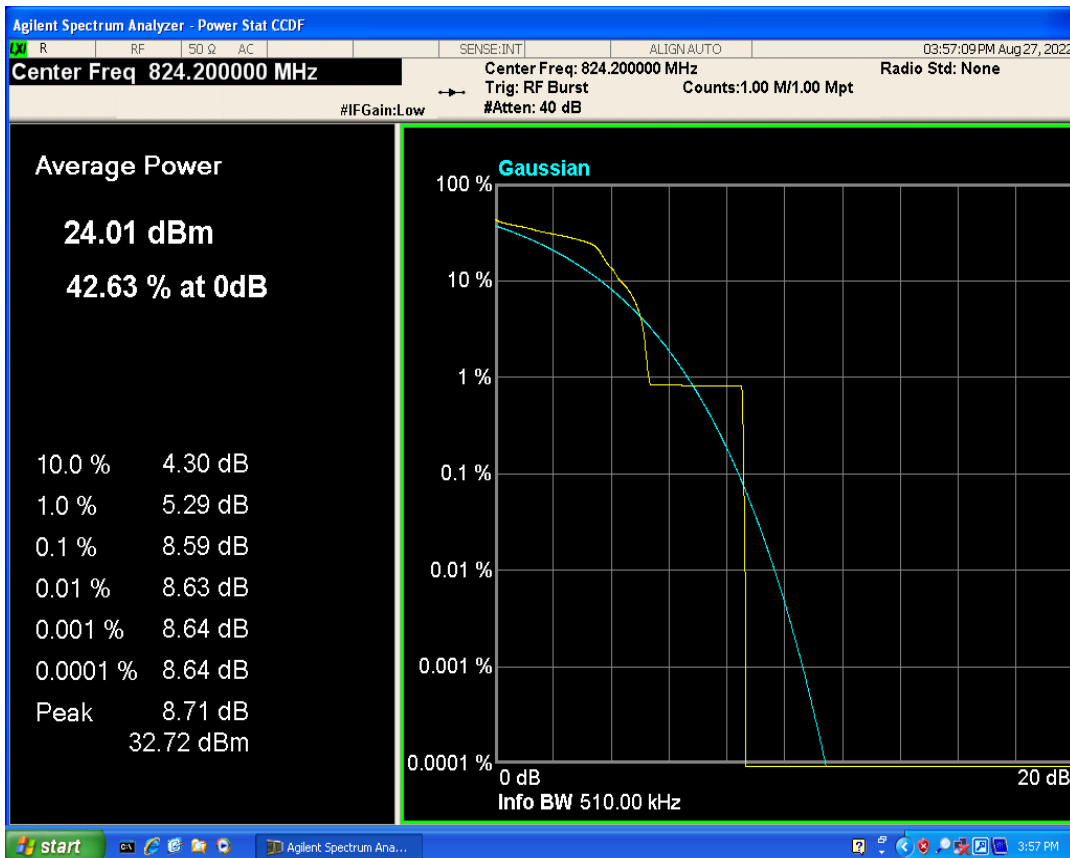
EGPRS1900 Channel=661



EGPRS1900 Channel=810



EGPRS850 Channel=128



EGPRS850 Channel=189



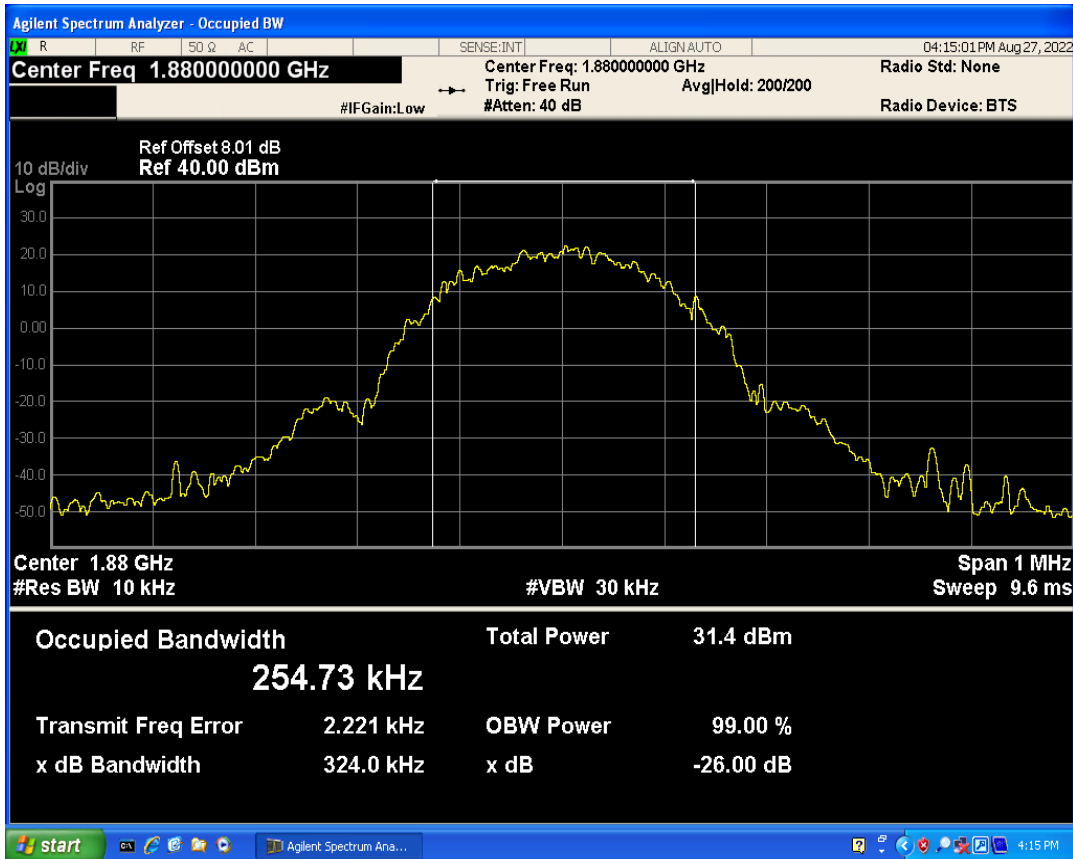
EGPRS850 Channel=251



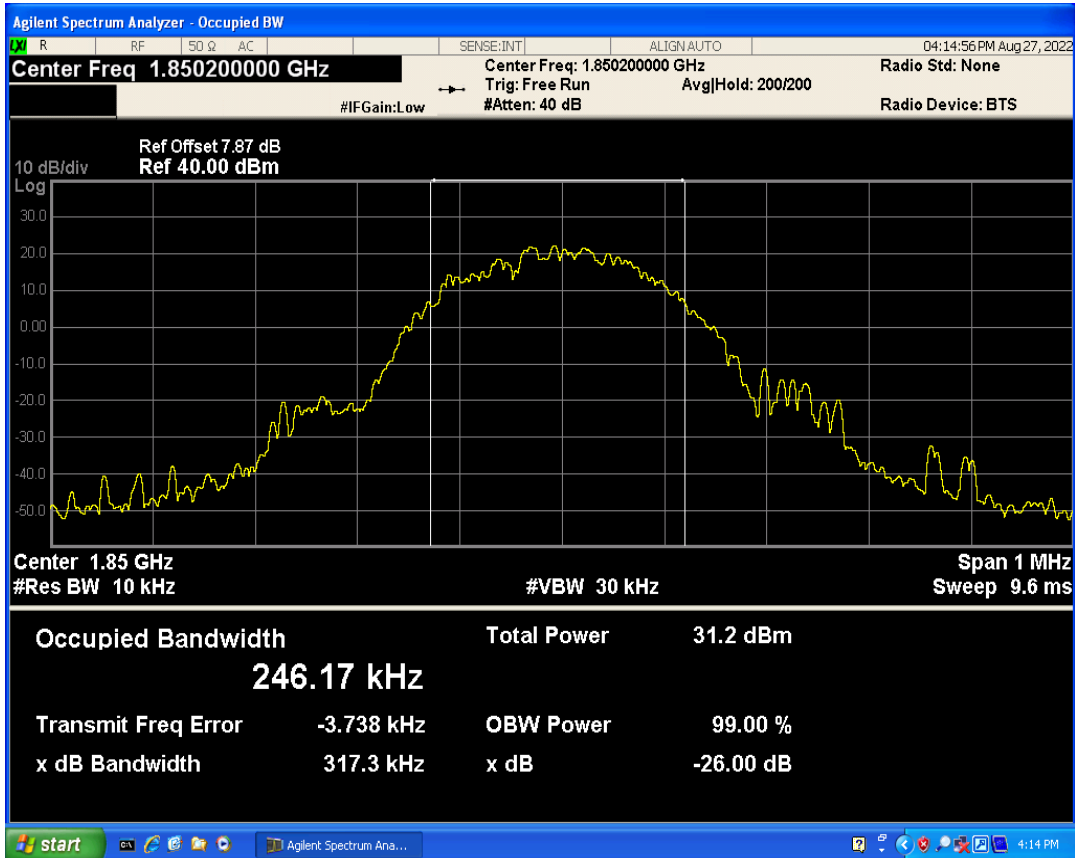
16 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|-----------|---------|-----------------|---------------|-----------------|---------|
| EGPRS1900 | 512 | 1850.2 | 246.166 | 317.315 | PASS |
| EGPRS1900 | 661 | 1880 | 254.730 | 323.954 | PASS |
| EGPRS1900 | 810 | 1909.8 | 251.990 | 309.003 | PASS |
| EGPRS850 | 128 | 824.2 | 247.865 | 297.740 | PASS |
| EGPRS850 | 189 | 836.4 | 256.009 | 301.067 | PASS |
| EGPRS850 | 251 | 848.8 | 244.686 | 316.265 | PASS |

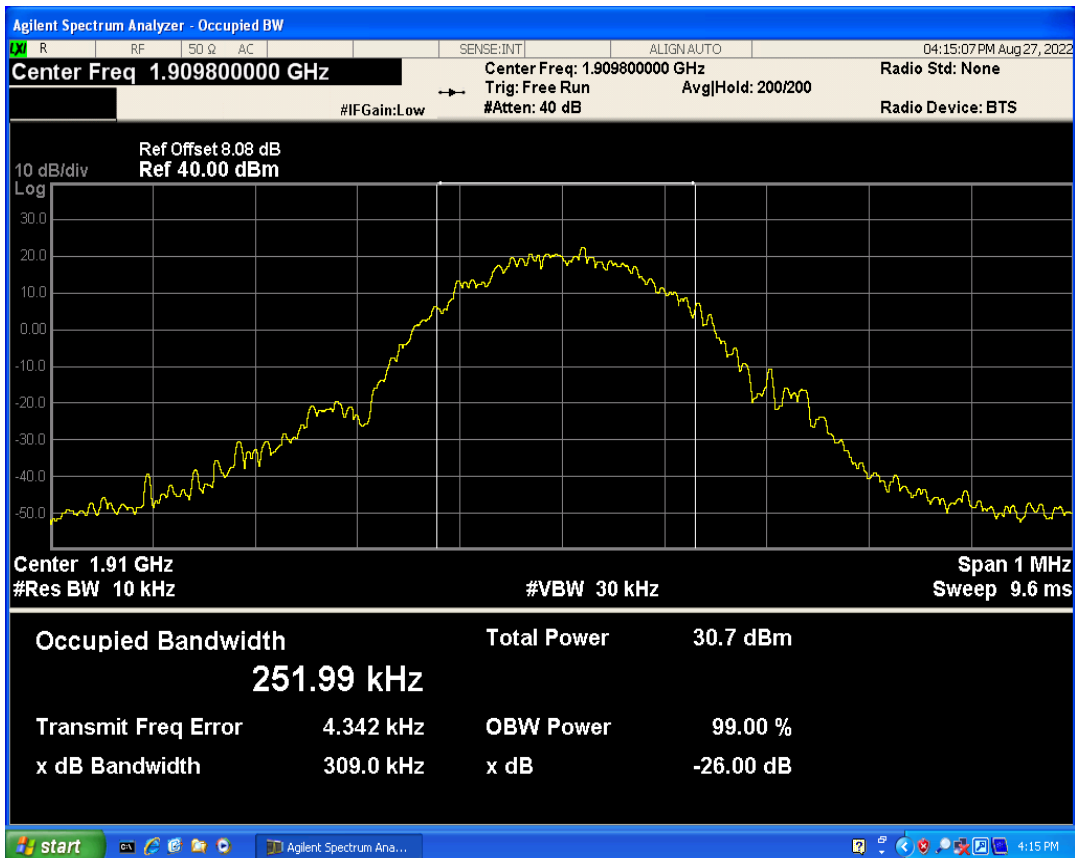
EGPRS1900 Channel=661



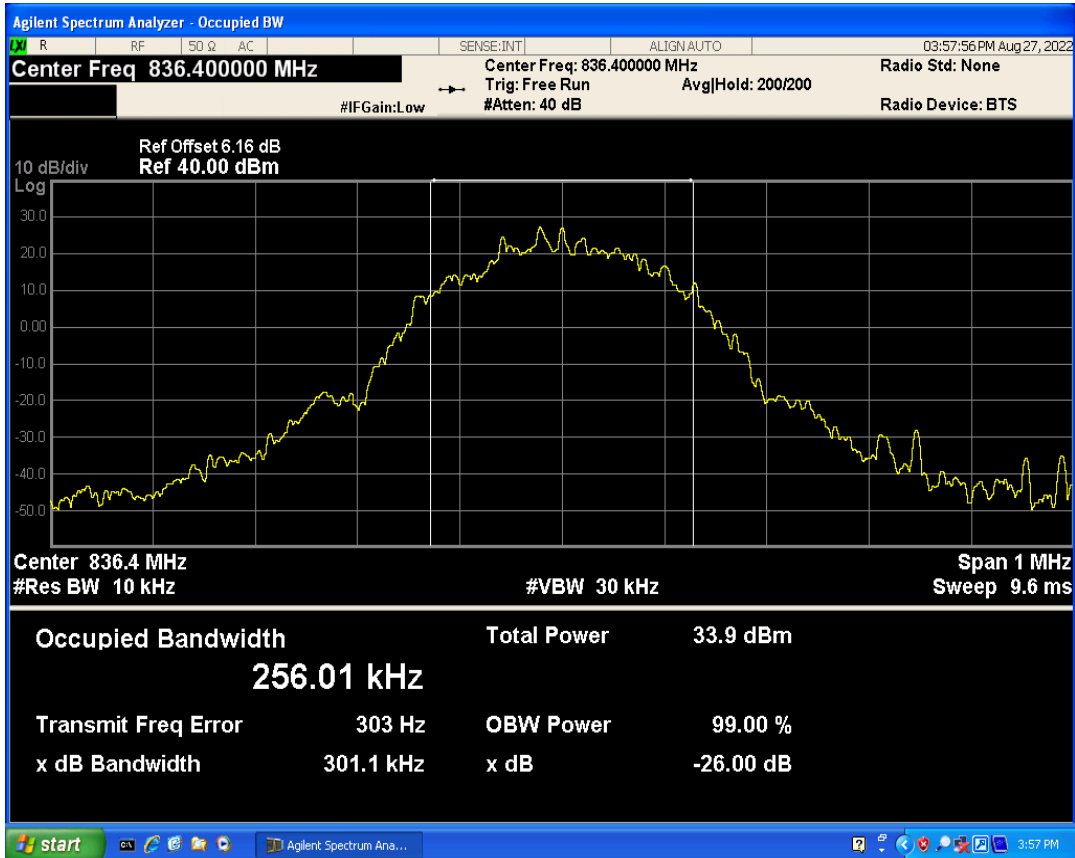
EGPRS1900 Channel=512



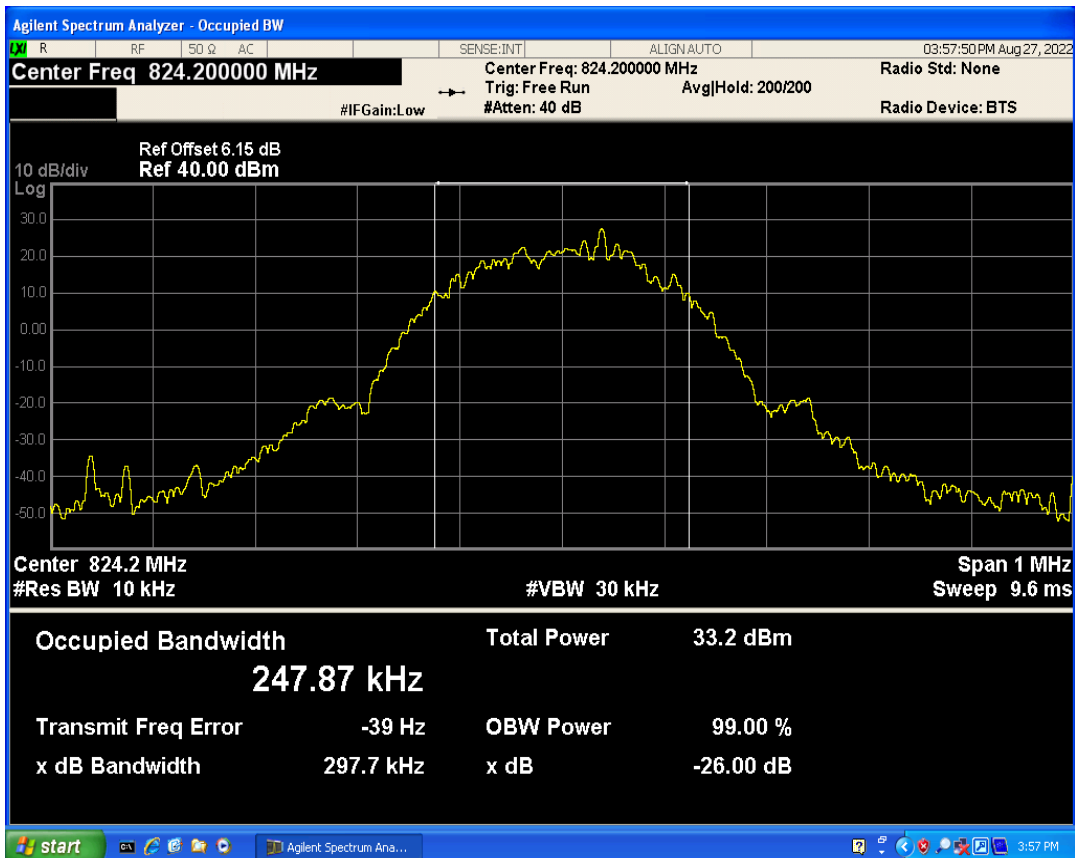
EGPRS1900 Channel=810



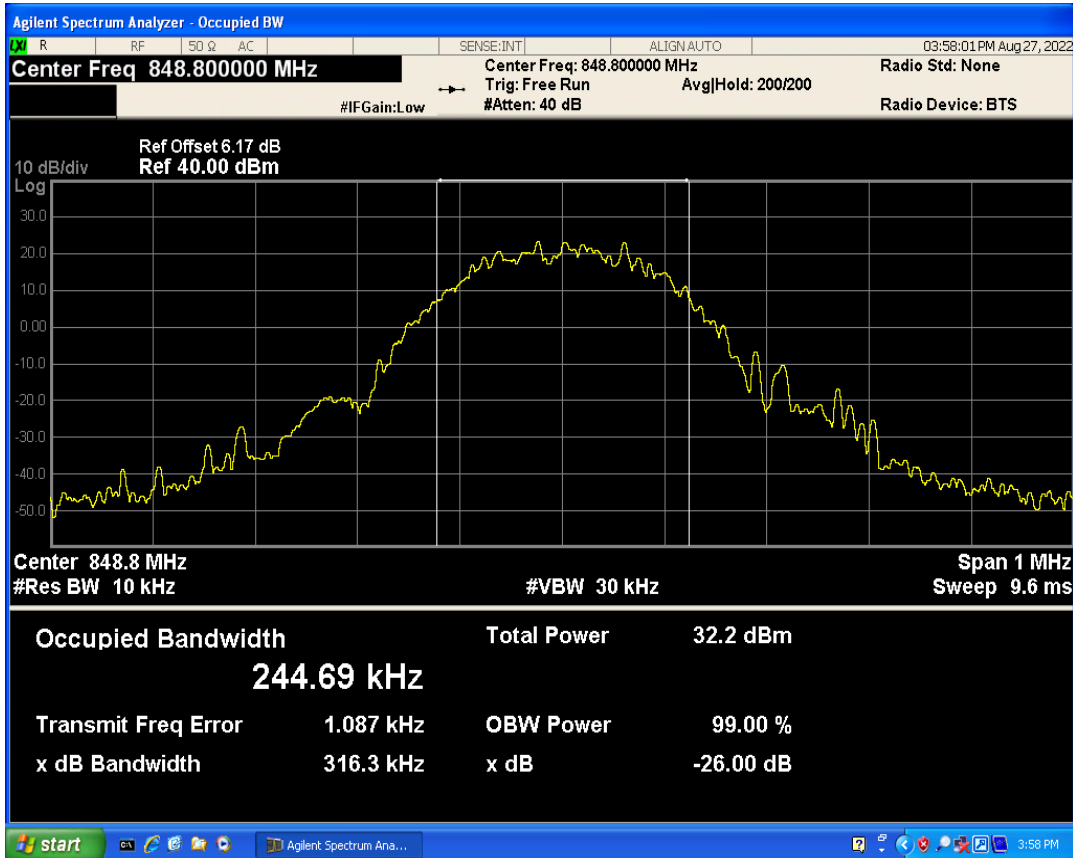
EGPRS850 Channel=189



EGPRS850 Channel=128



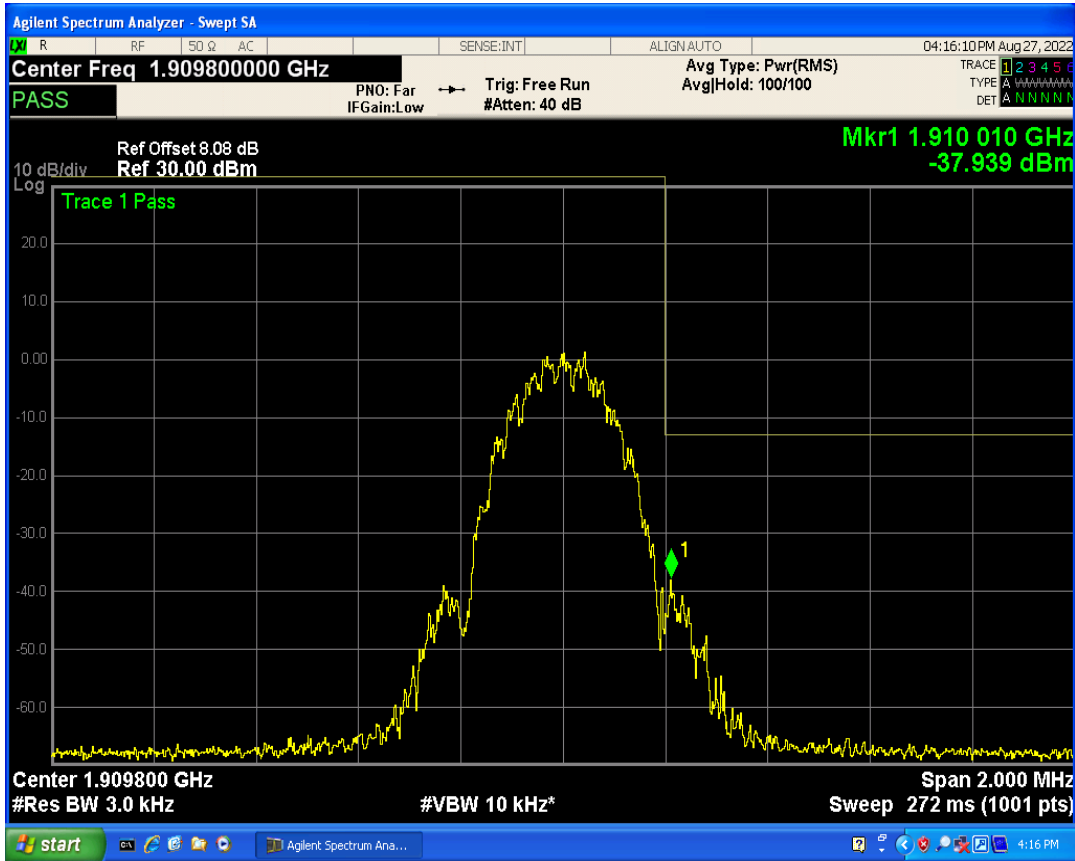
EGPRS850 Channel=251



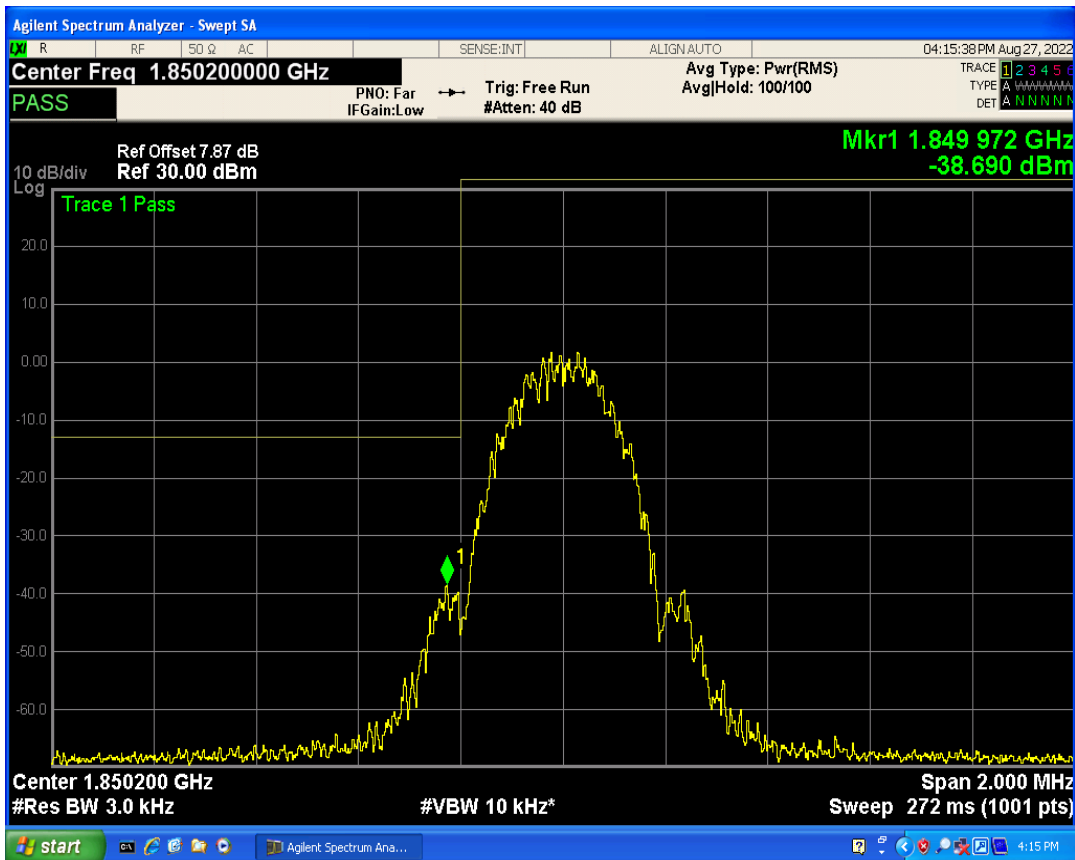
17 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512 | 1850.2 | 1849.97 | -38.68 | -13 | PASS |
| EGPRS1900 | 810 | 1909.8 | 1910.01 | -37.93 | -13 | PASS |
| EGPRS850 | 128 | 824.2 | 823.97 | -36.73 | -13 | PASS |
| EGPRS850 | 251 | 848.8 | 849.02 | -38.29 | -13 | PASS |

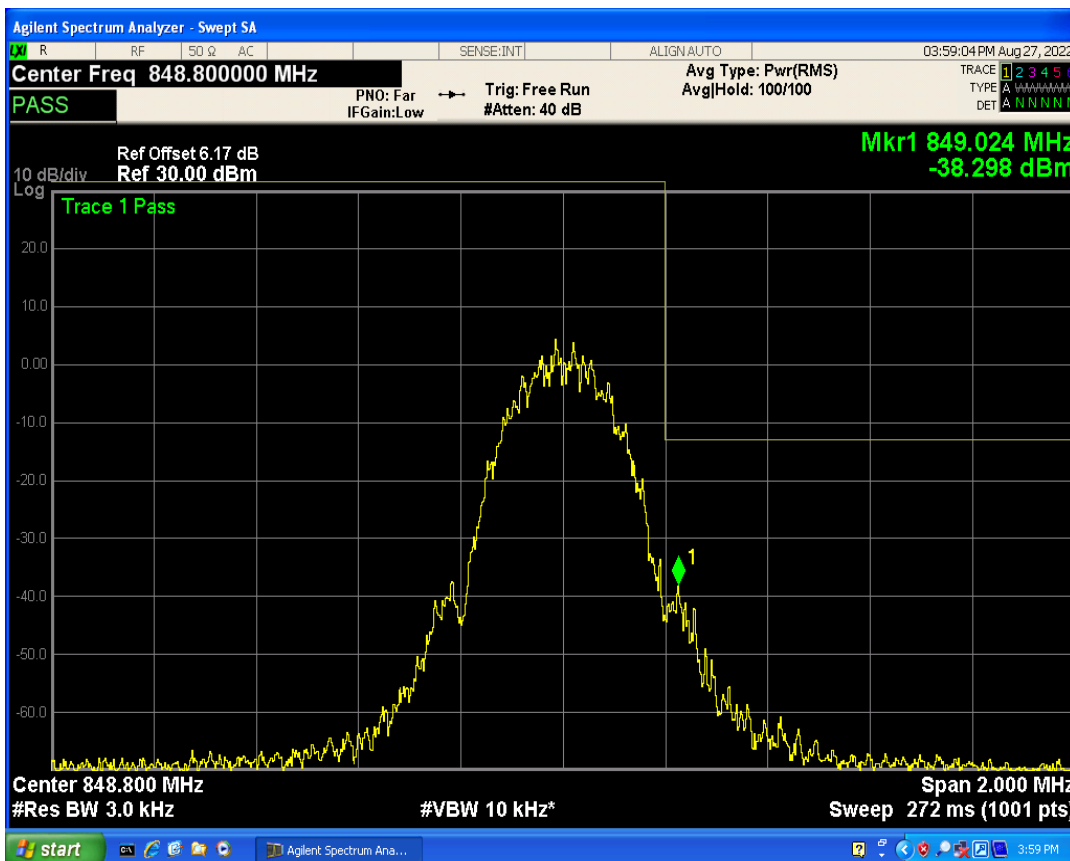
EGPRS1900 Channel=810



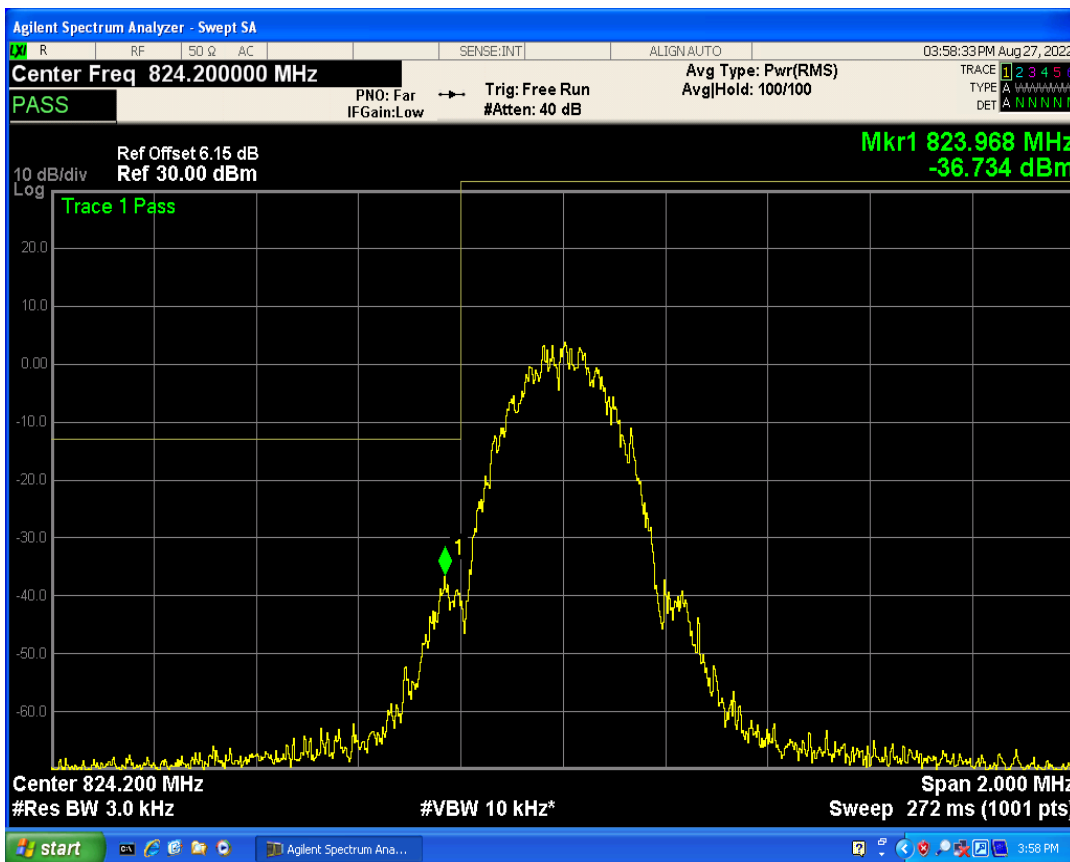
EGPRS1900 Channel=512



EGPRS850 Channel=251



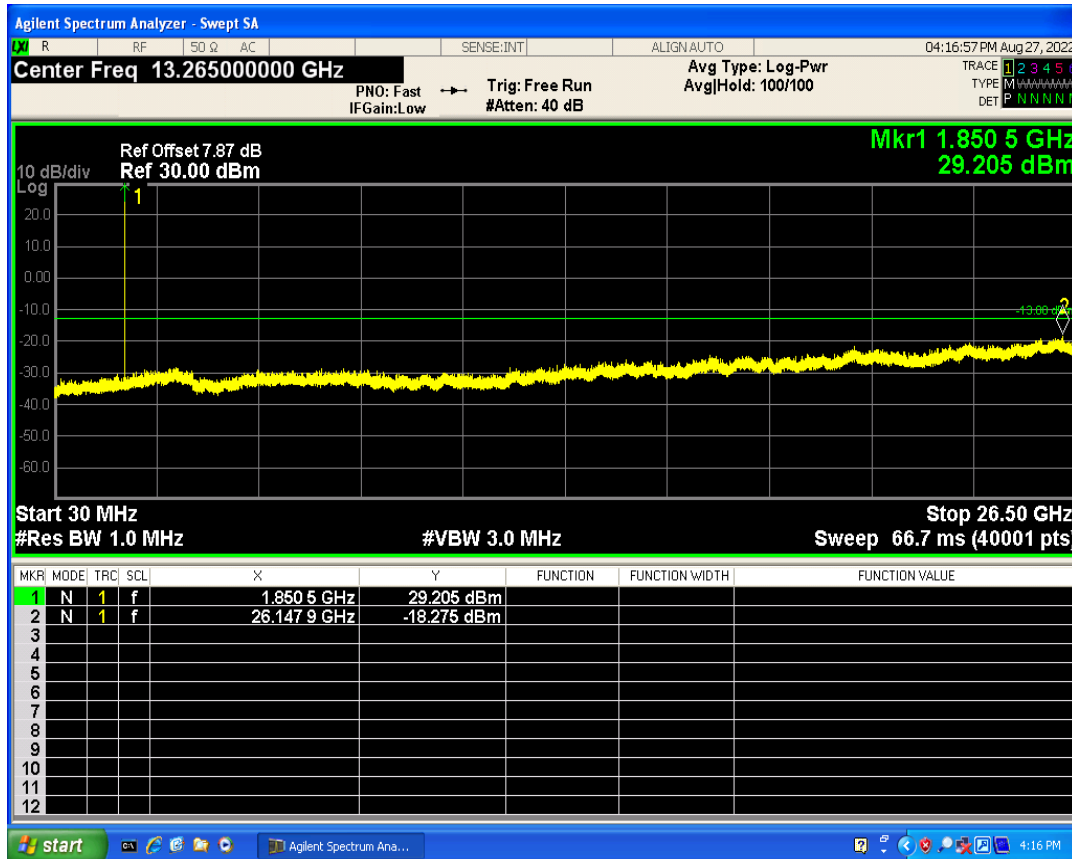
EGPRS850 Channel=128



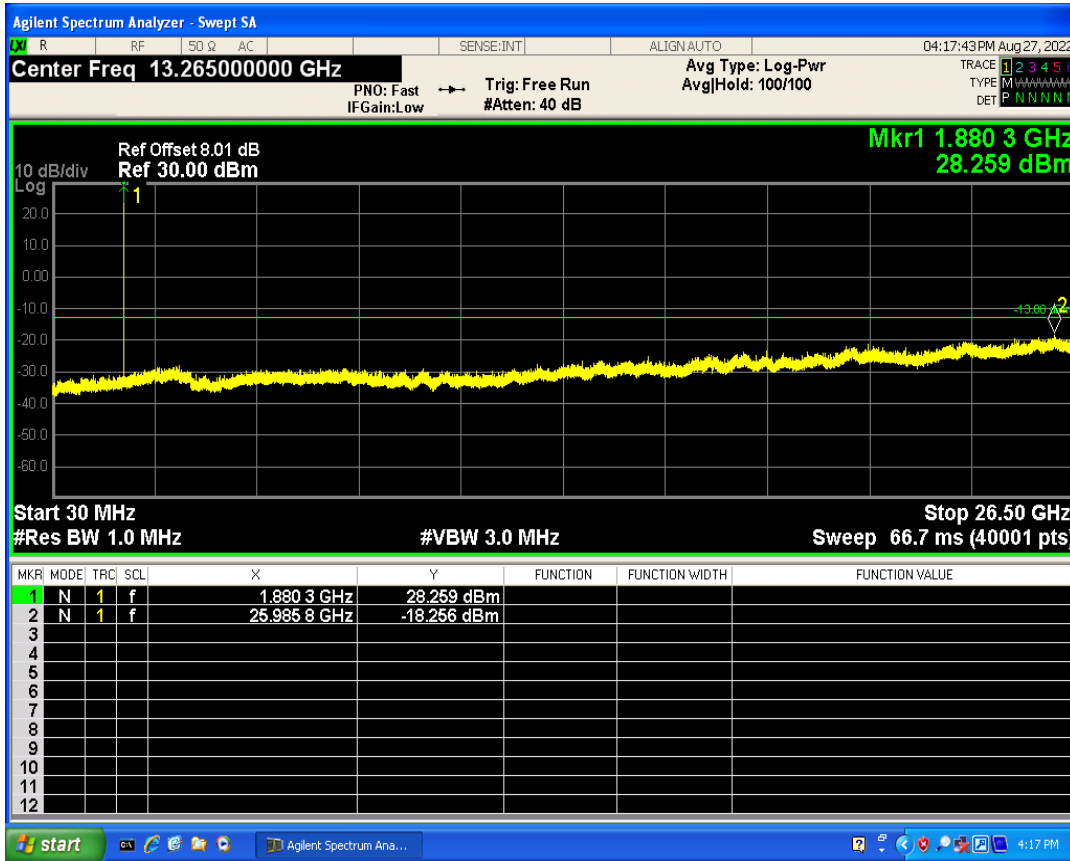
18 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|-----------------|------------------|-------------|---------|
| EGPRS1900 | 512 | 1850.2 | 26147.95 | -18.27 | -13 | PASS |
| EGPRS1900 | 661 | 1880 | 25985.82 | -18.25 | -13 | PASS |
| EGPRS1900 | 810 | 1909.8 | 25991.11 | -18.64 | -13 | PASS |
| EGPRS850 | 128 | 824.2 | 26055.30 | -20.04 | -13 | PASS |
| EGPRS850 | 189 | 836.4 | 25471.64 | -19.81 | -13 | PASS |
| EGPRS850 | 251 | 848.8 | 26041.41 | -19.93 | -13 | PASS |

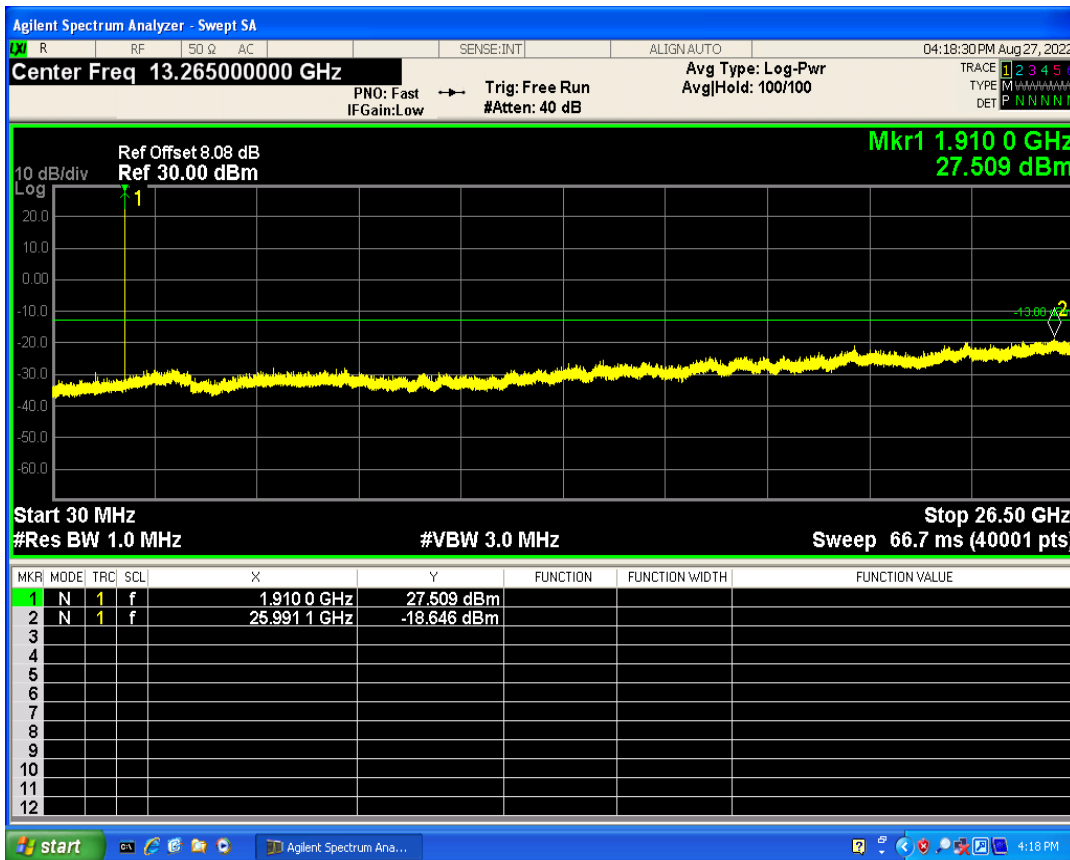
EGPRS1900 Channel=512



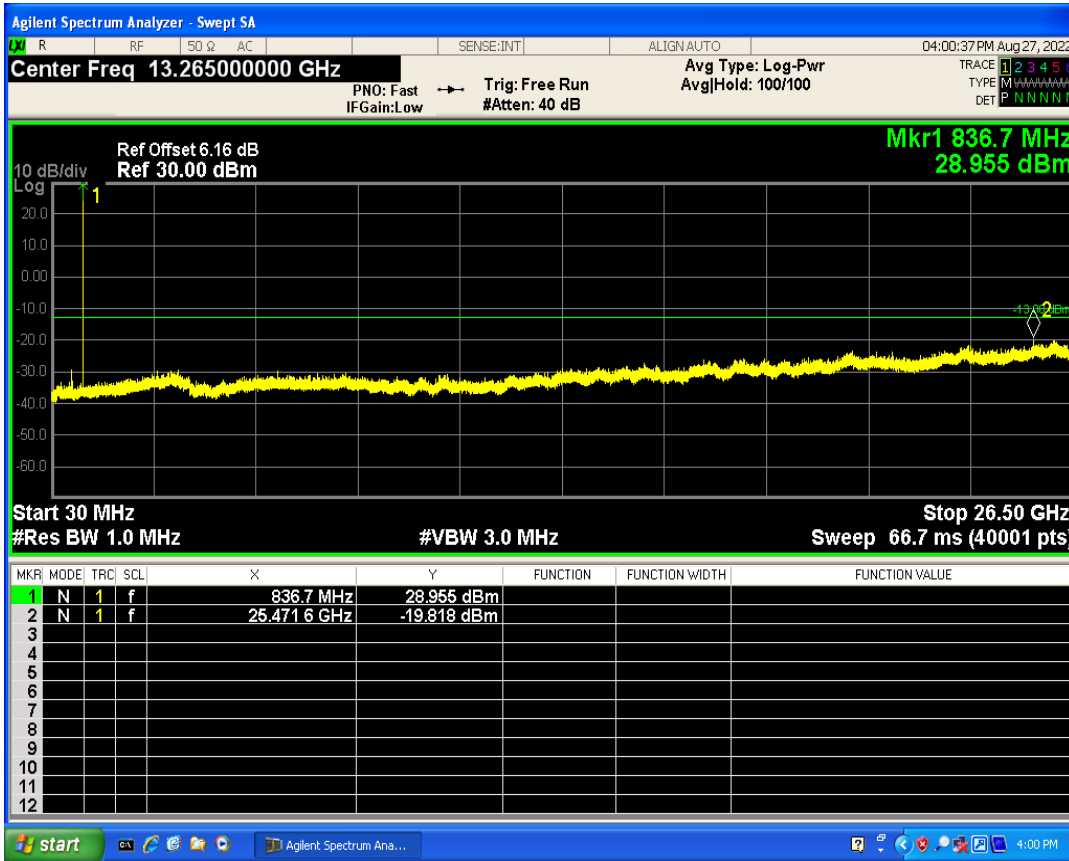
EGPRS1900 Channel=661



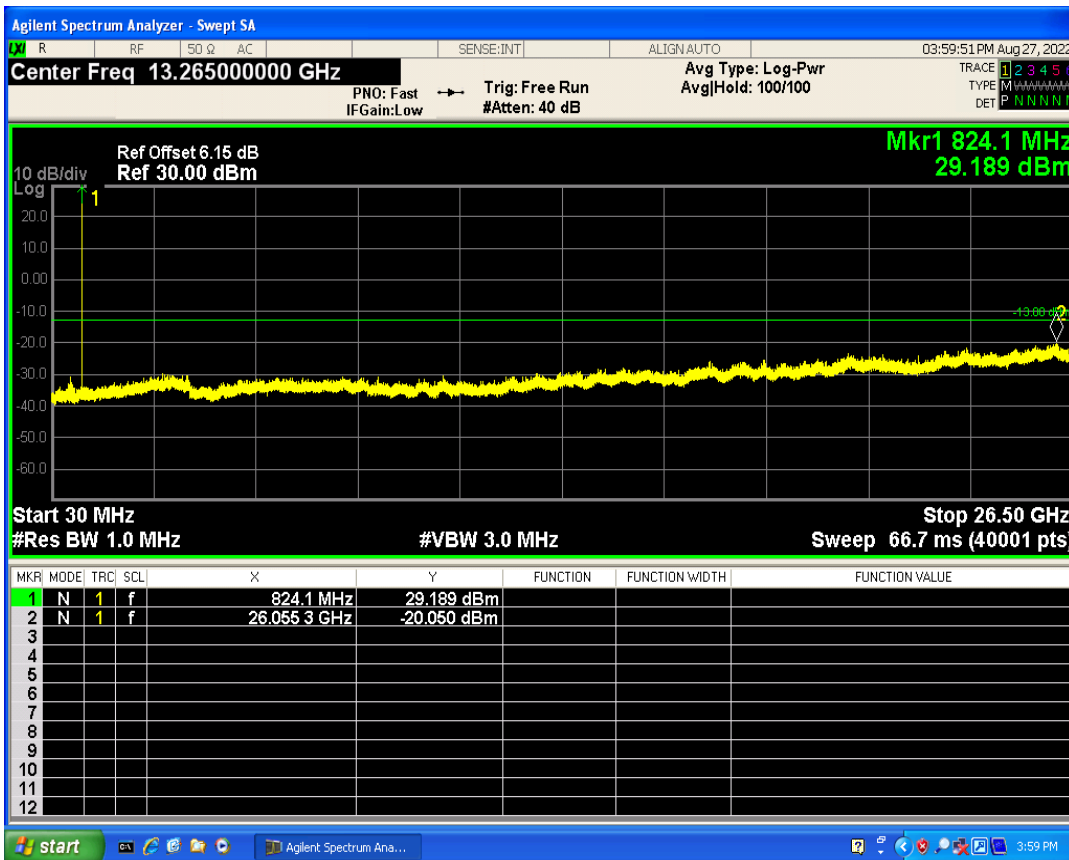
EGPRS1900 Channel=810



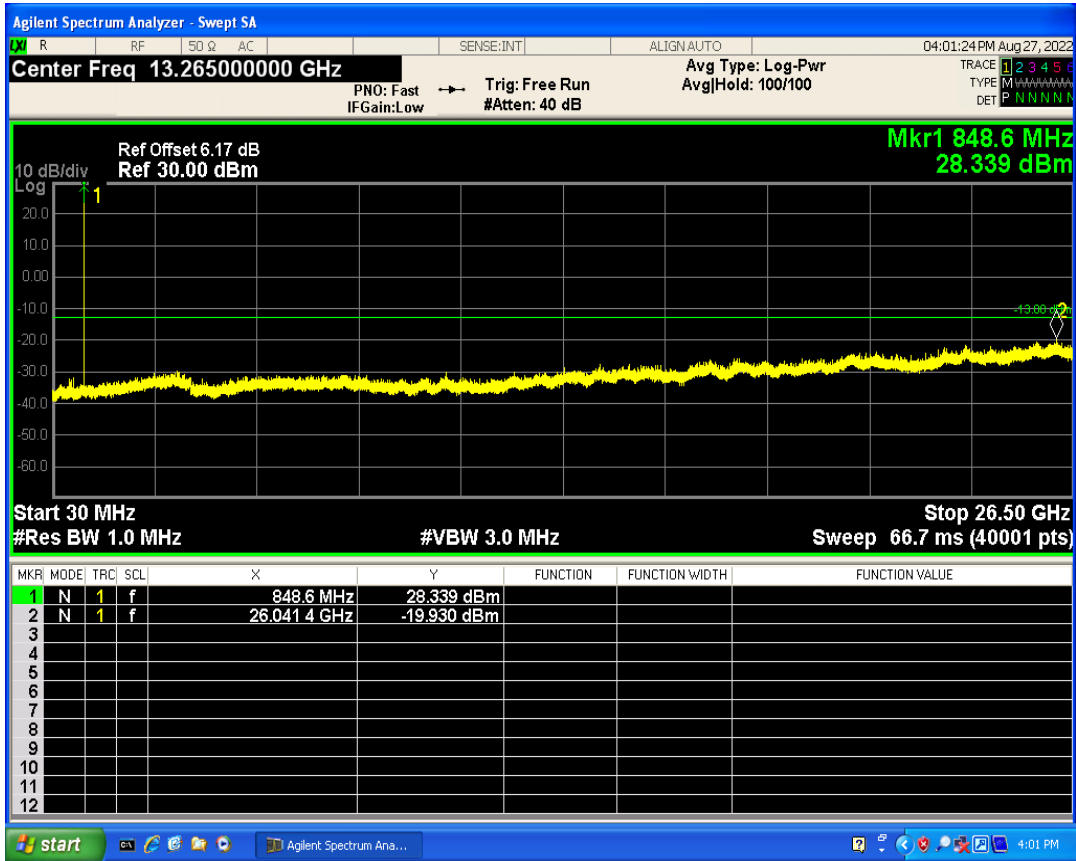
EGPRS850 Channel=189



EGPRS850 Channel=128



EGPRS850 Channel=251



07 Conducted output power

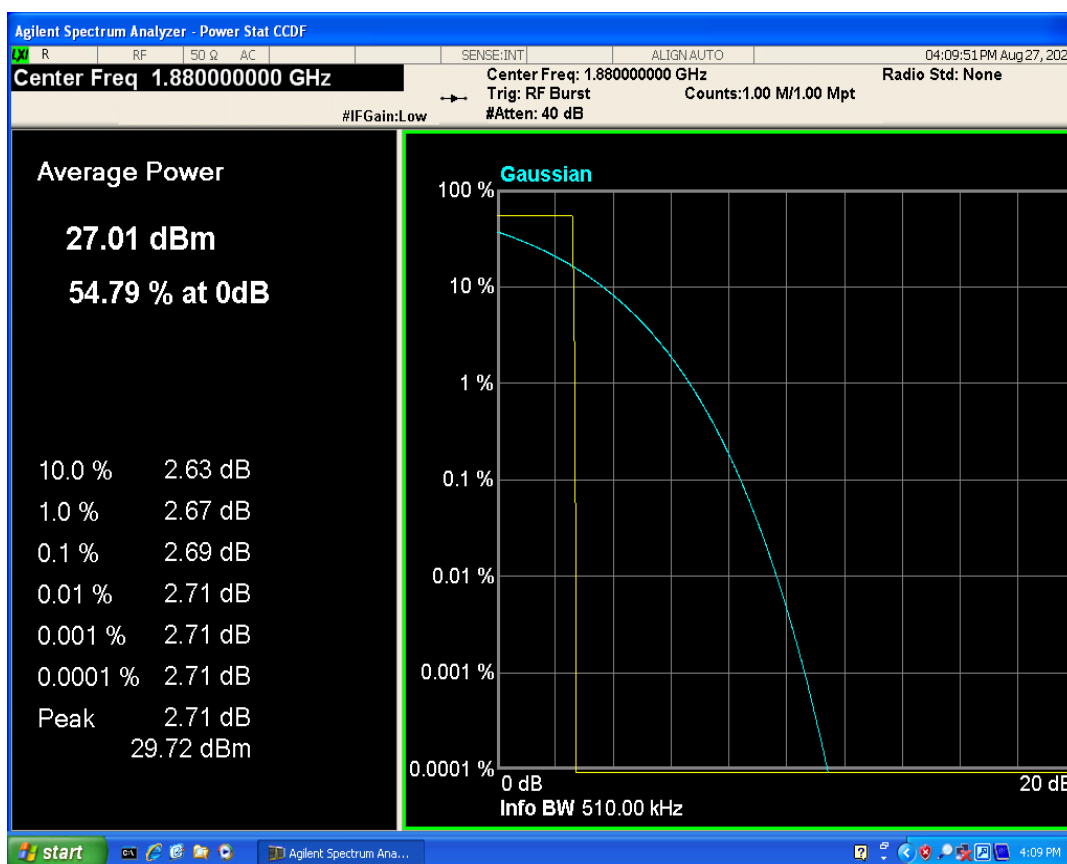
| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|-----------------|---------|-----------------|-------------|---------|
| GPRS1900 1 Slot | 512 | 1850.2 | 29.02 | PASS |
| GPRS1900 1 Slot | 661 | 1880 | 29.11 | PASS |
| GPRS1900 1 Slot | 810 | 1909.8 | 29.16 | PASS |
| GPRS1900 2 Slot | 512 | 1850.2 | 28.33 | PASS |
| GPRS1900 2 Slot | 661 | 1880 | 28.33 | PASS |
| GPRS1900 2 Slot | 810 | 1909.8 | 28.33 | PASS |
| GPRS1900 3 Slot | 512 | 1850.2 | 26.61 | PASS |
| GPRS1900 3 Slot | 661 | 1880 | 26.49 | PASS |
| GPRS1900 3 Slot | 810 | 1909.8 | 26.41 | PASS |
| GPRS1900 4 Slot | 512 | 1850.2 | 25.51 | PASS |
| GPRS1900 4 Slot | 661 | 1880 | 25.31 | PASS |
| GPRS1900 4 Slot | 810 | 1909.8 | 25.21 | PASS |
| GPRS850 1 Slot | 128 | 824.2 | 31.65 | PASS |
| GPRS850 1 Slot | 189 | 836.4 | 32.00 | PASS |
| GPRS850 1 Slot | 251 | 848.8 | 31.48 | PASS |
| GPRS850 2 Slot | 128 | 824.2 | 31.05 | PASS |
| GPRS850 2 Slot | 189 | 836.4 | 31.39 | PASS |
| GPRS850 2 Slot | 251 | 848.8 | 30.87 | PASS |
| GPRS850 3 Slot | 128 | 824.2 | 29.58 | PASS |
| GPRS850 3 Slot | 189 | 836.4 | 29.88 | PASS |
| GPRS850 3 Slot | 251 | 848.8 | 29.34 | PASS |

| | | | | |
|----------------|-----|-------|-------|------|
| GPRS850 4 Slot | 128 | 824.2 | 28.61 | PASS |
| GPRS850 4 Slot | 189 | 836.4 | 28.88 | PASS |
| GPRS850 4 Slot | 251 | 848.8 | 28.32 | PASS |

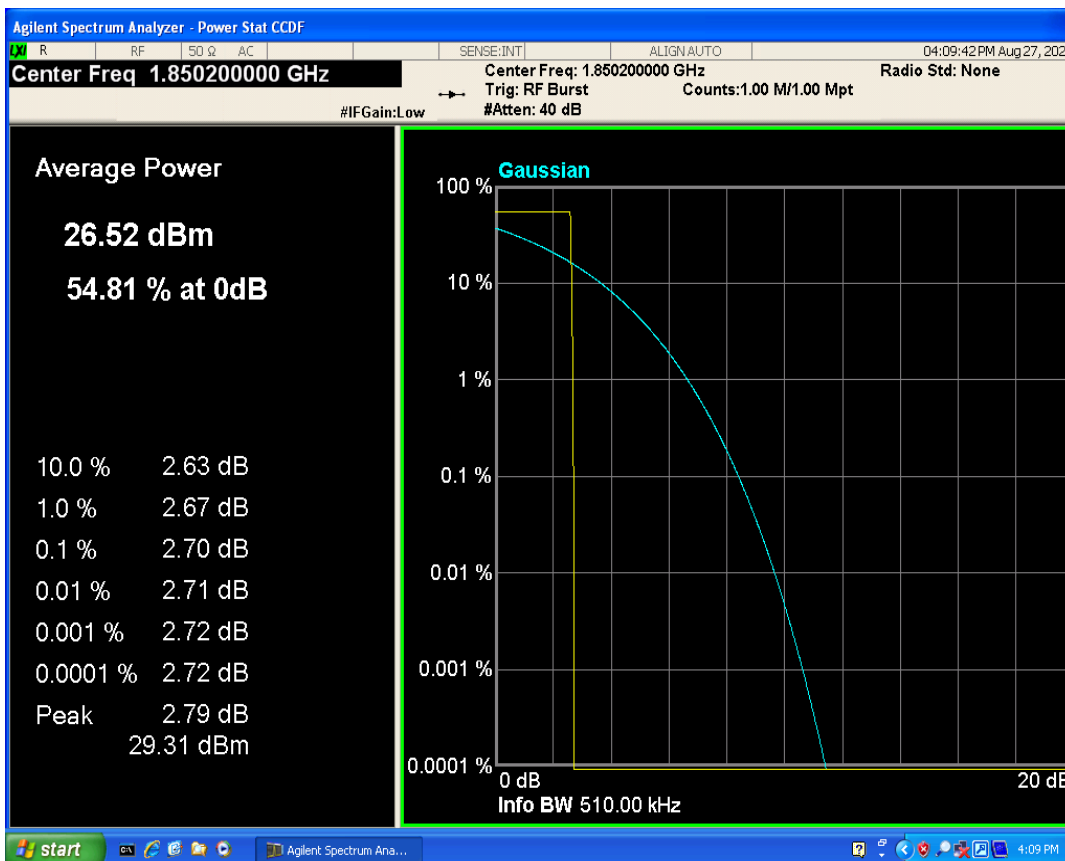
09 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|----------|---------|-----------------|-------------|-----------------|---------|
| GPRS1900 | 512 | 1850.2 | 2.698159444 | 13.00 | PASS |
| GPRS1900 | 661 | 1880 | 2.693108233 | 13.00 | PASS |
| GPRS1900 | 810 | 1909.8 | 2.721728135 | 13.00 | PASS |
| GPRS850 | 128 | 824.2 | 2.741623489 | 13.00 | PASS |
| GPRS850 | 189 | 836.4 | 2.707154137 | 13.00 | PASS |
| GPRS850 | 251 | 848.8 | 2.739340112 | 13.00 | PASS |

GPRS1900 Channel=661



GPRS1900 Channel=512



GPRS1900 Channel=810



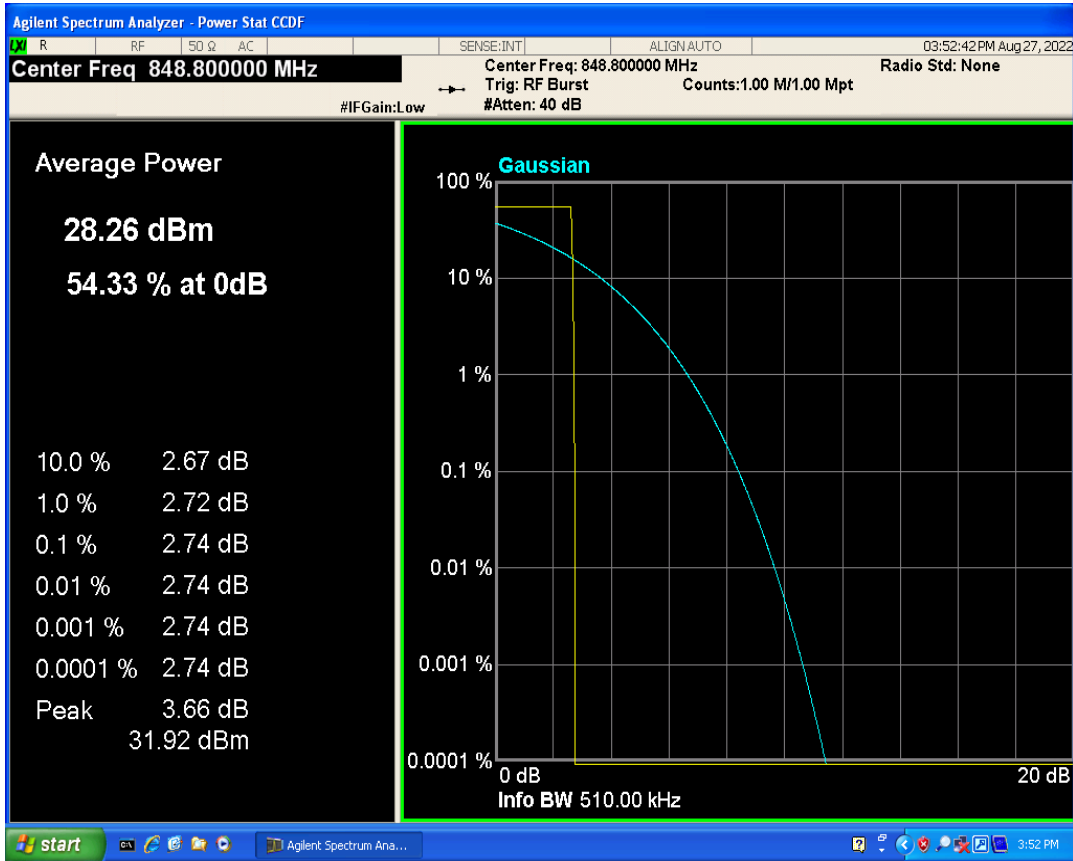
GPRS850 Channel=189



GPRS850 Channel=128



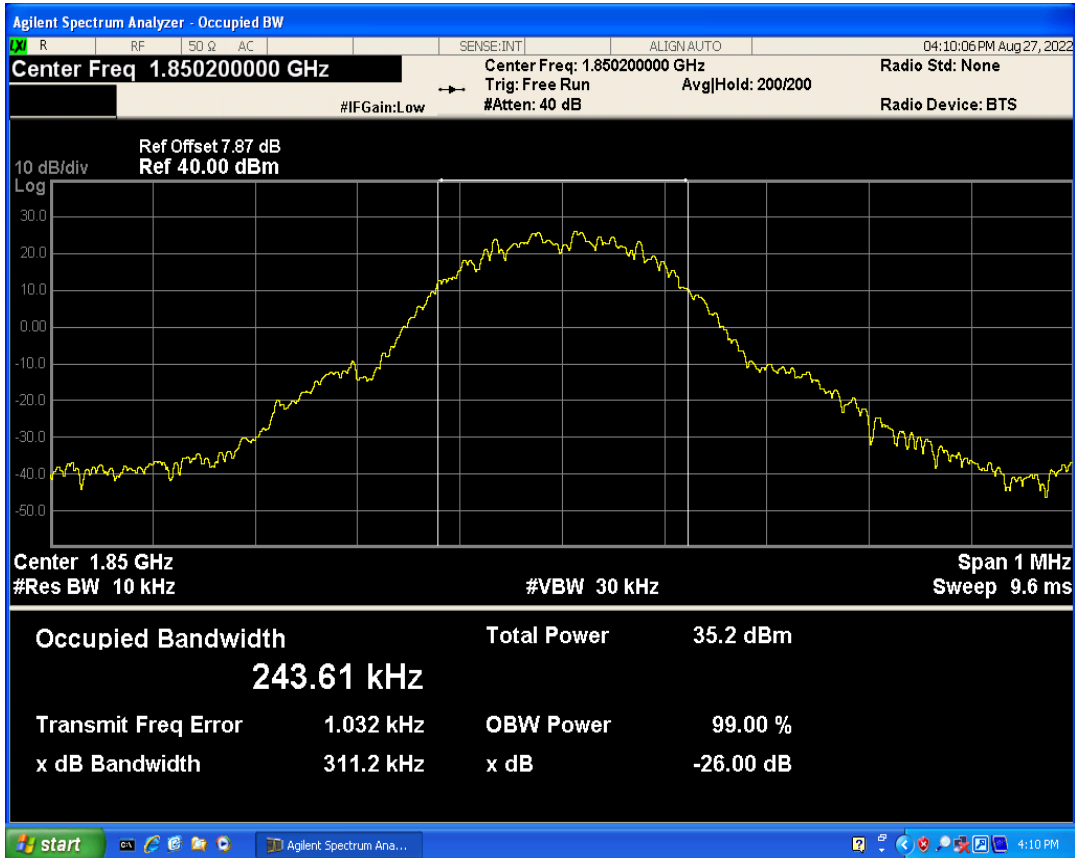
GPRS850 Channel=251



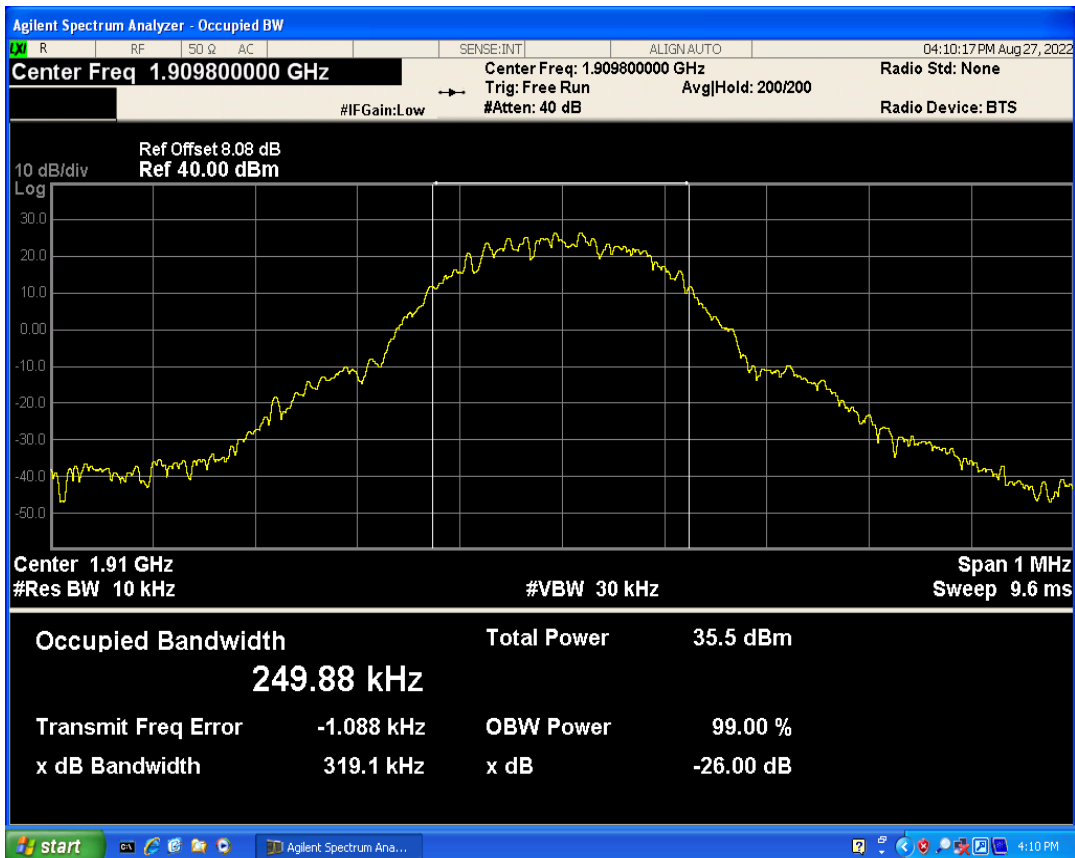
10 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|----------|---------|-----------------|---------------|-----------------|---------|
| GPRS1900 | 512 | 1850.2 | 243.615 | 311.206 | PASS |
| GPRS1900 | 661 | 1880 | 250.139 | 315.226 | PASS |
| GPRS1900 | 810 | 1909.8 | 249.877 | 319.141 | PASS |
| GPRS850 | 128 | 824.2 | 243.810 | 311.377 | PASS |
| GPRS850 | 189 | 836.4 | 249.289 | 324.517 | PASS |
| GPRS850 | 251 | 848.8 | 244.572 | 314.334 | PASS |

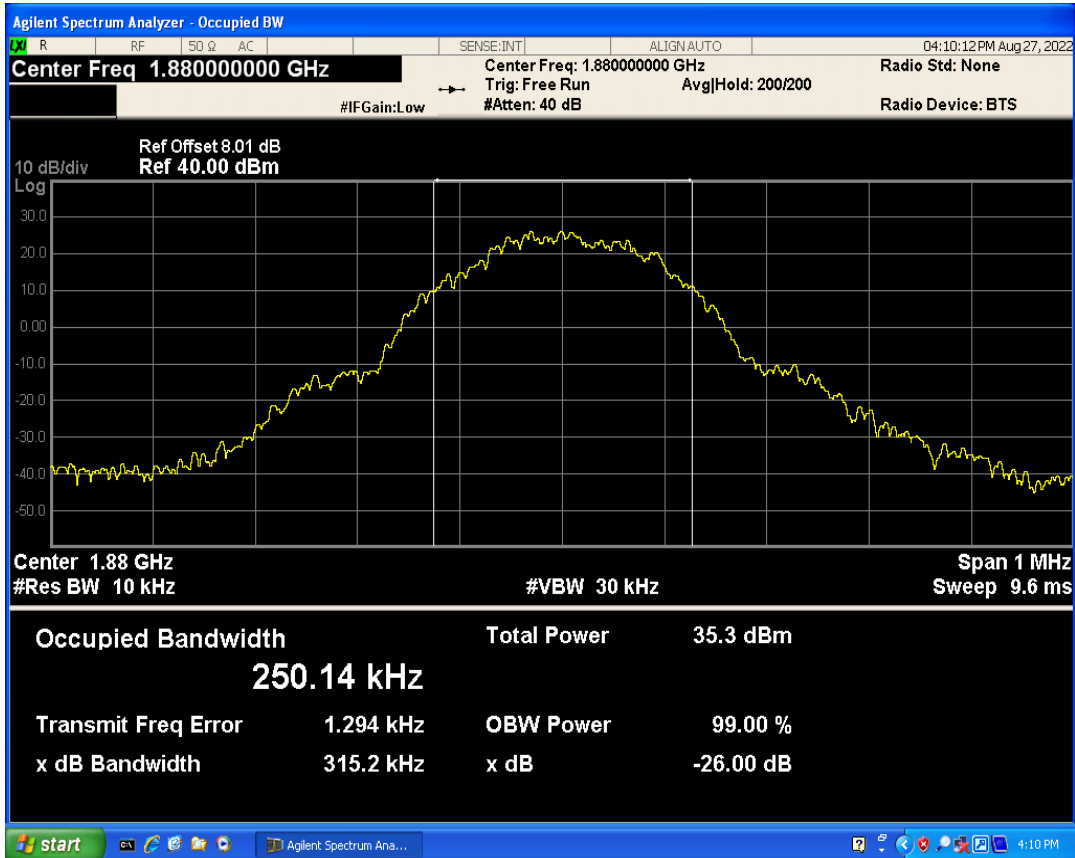
GPRS1900 Channel=512



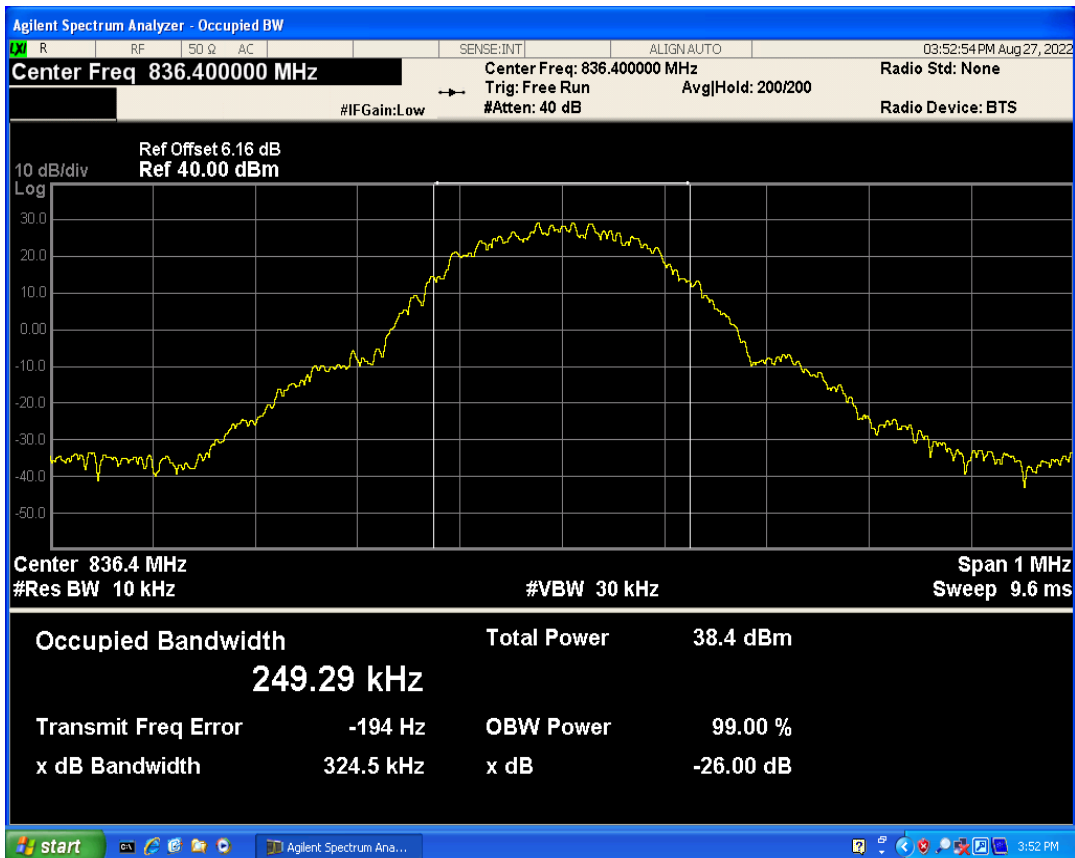
GPRS1900 Channel=810



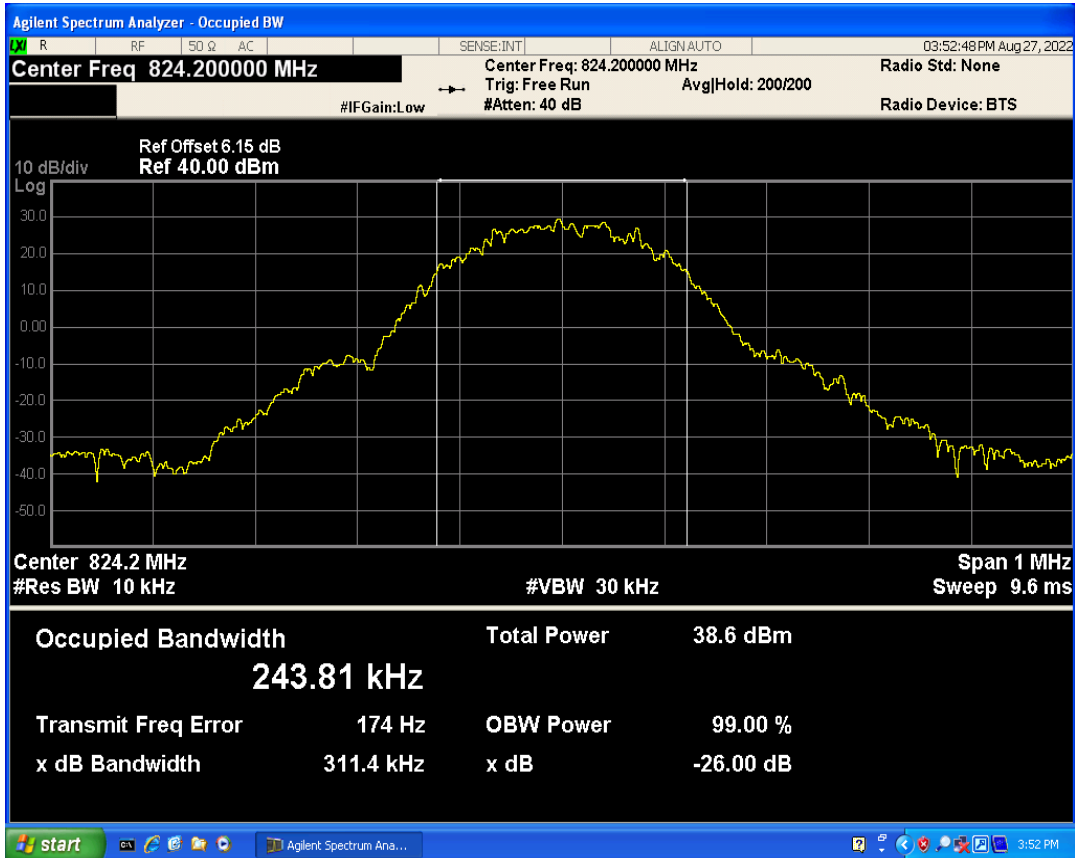
GPRS1900 Channel=661



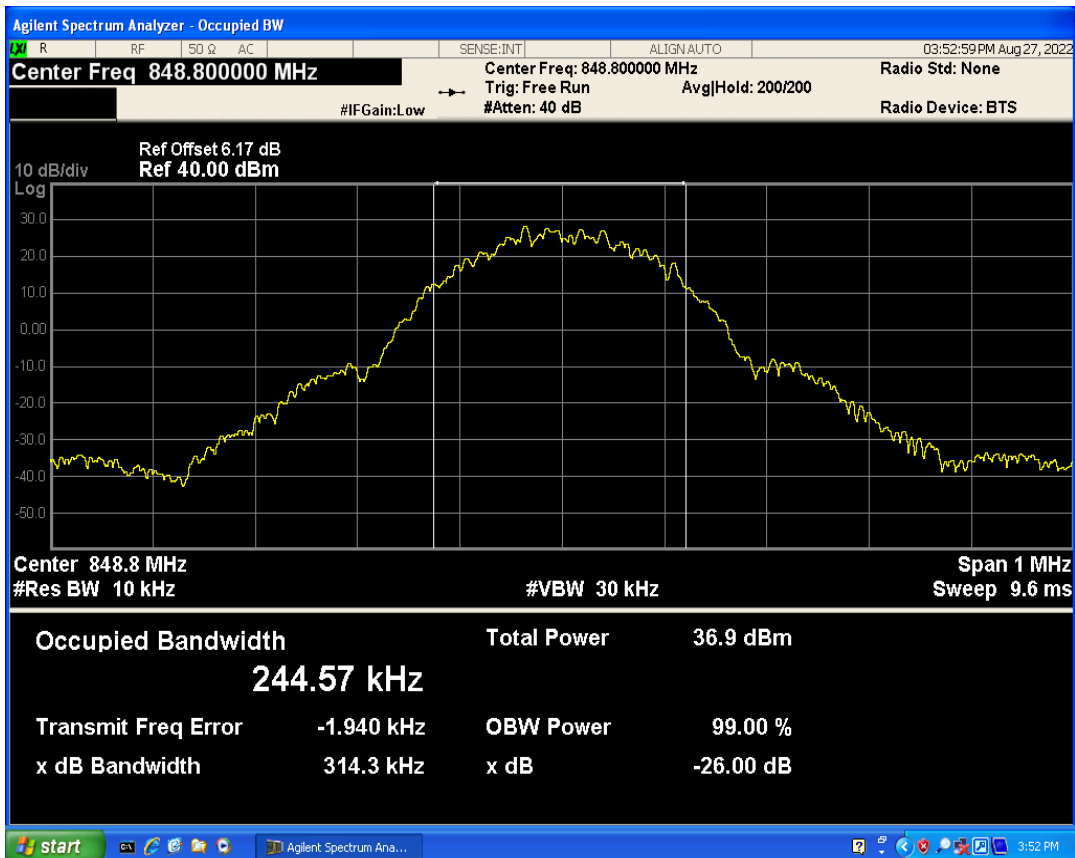
GPRS850 Channel=189



GPRS850 Channel=128



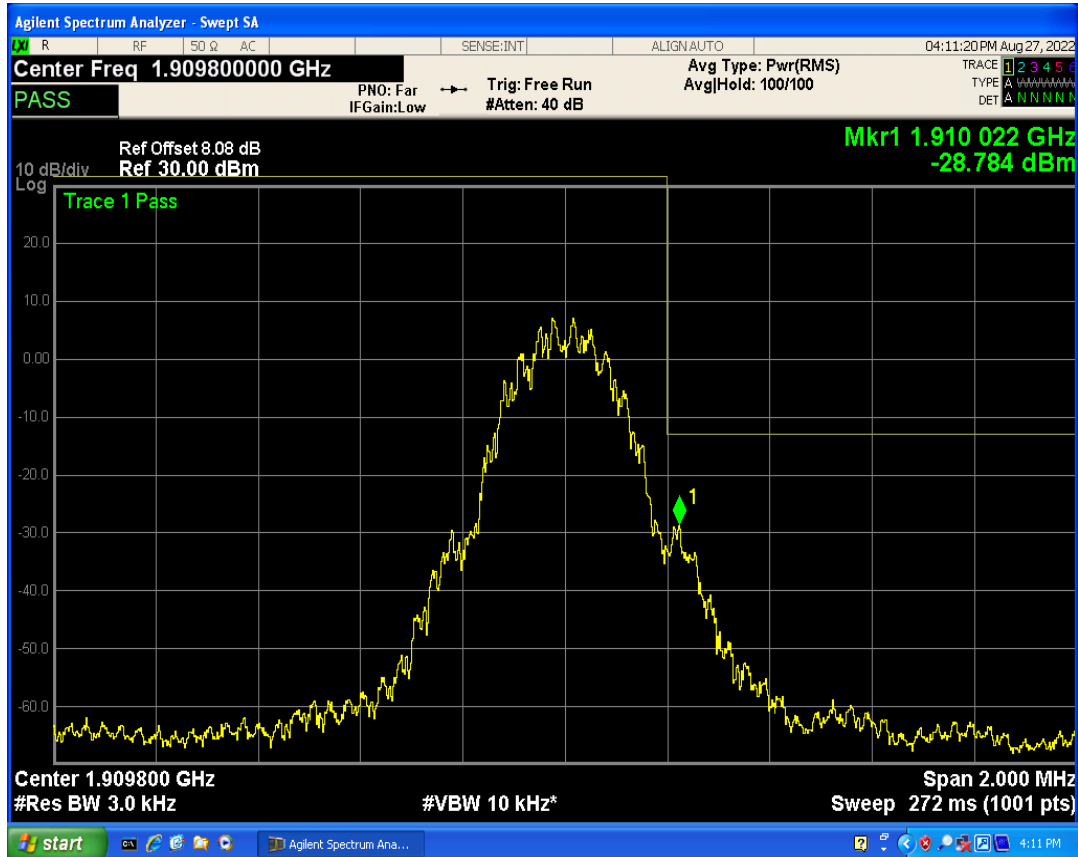
GPRS850 Channel=251



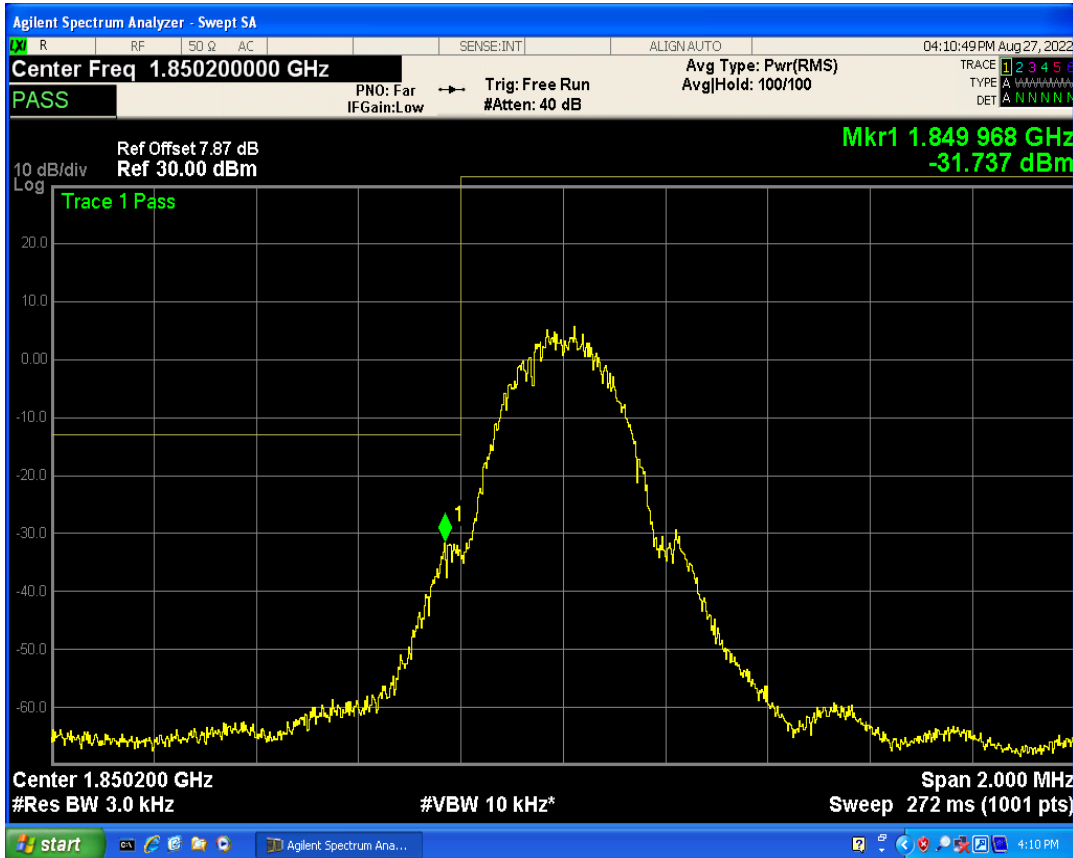
11 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512 | 1850.2 | 1849.97 | -31.73 | -13 | PASS |
| GPRS1900 | 810 | 1909.8 | 1910.02 | -28.78 | -13 | PASS |
| GPRS850 | 128 | 824.2 | 823.99 | -27.88 | -13 | PASS |
| GPRS850 | 251 | 848.8 | 849.02 | -27.31 | -13 | PASS |

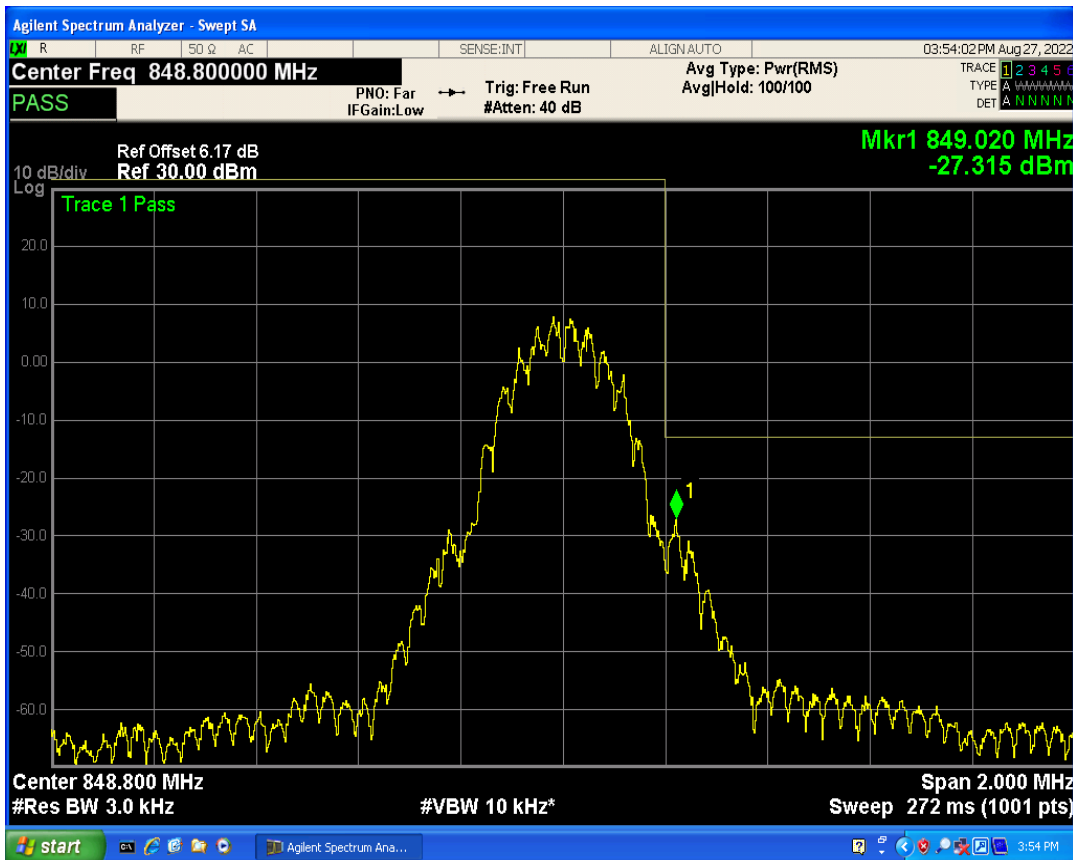
GPRS1900 Channel=810



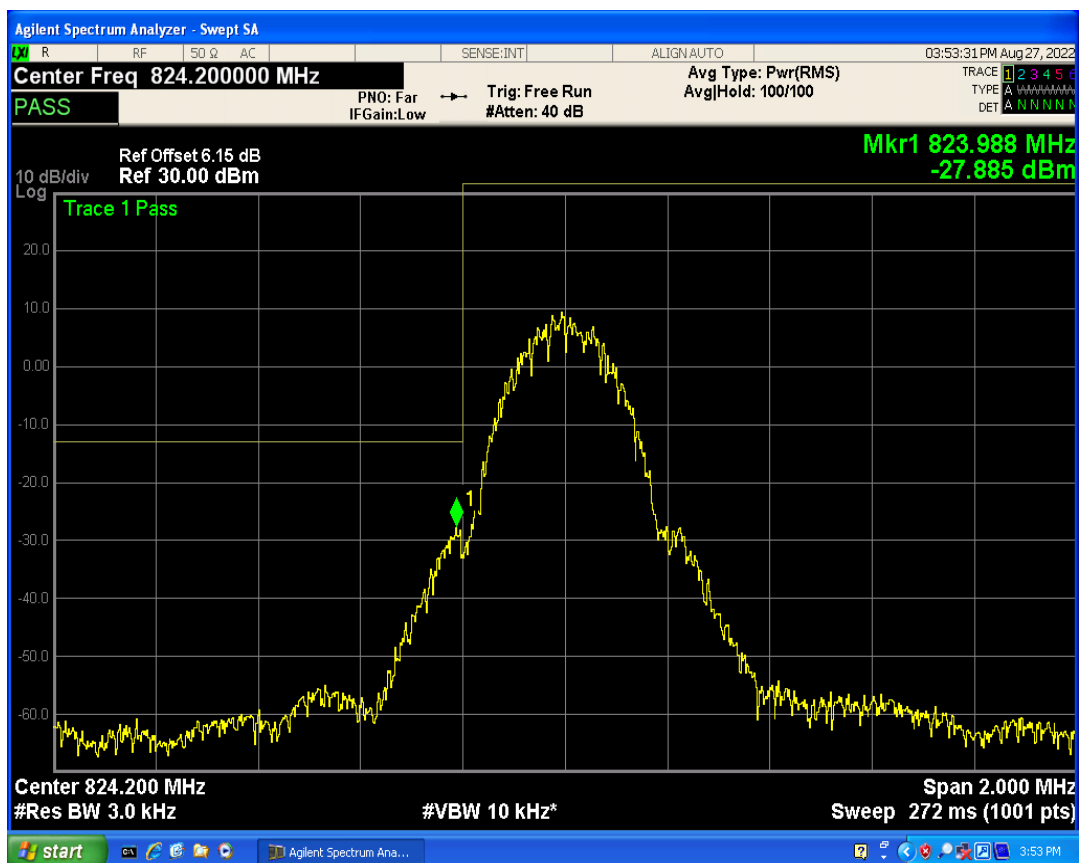
GPRS1900 Channel=512



GPRS850 Channel=251



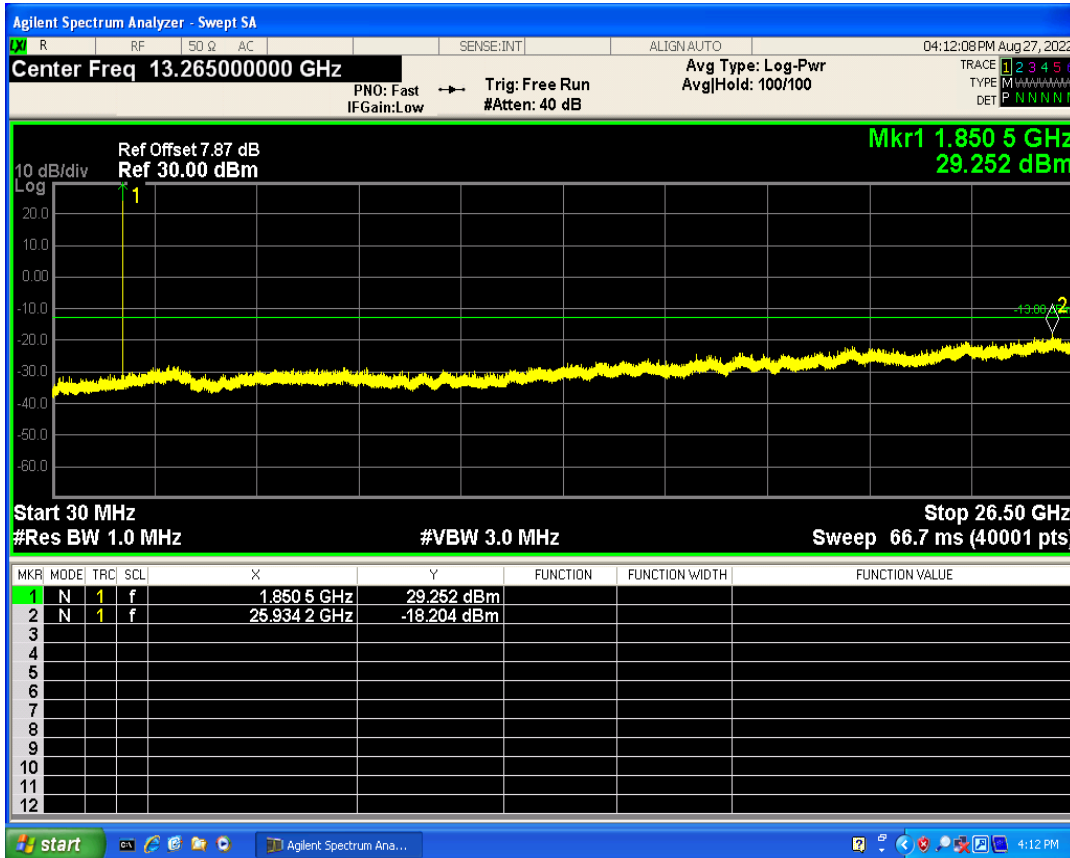
GPRS850 Channel=128



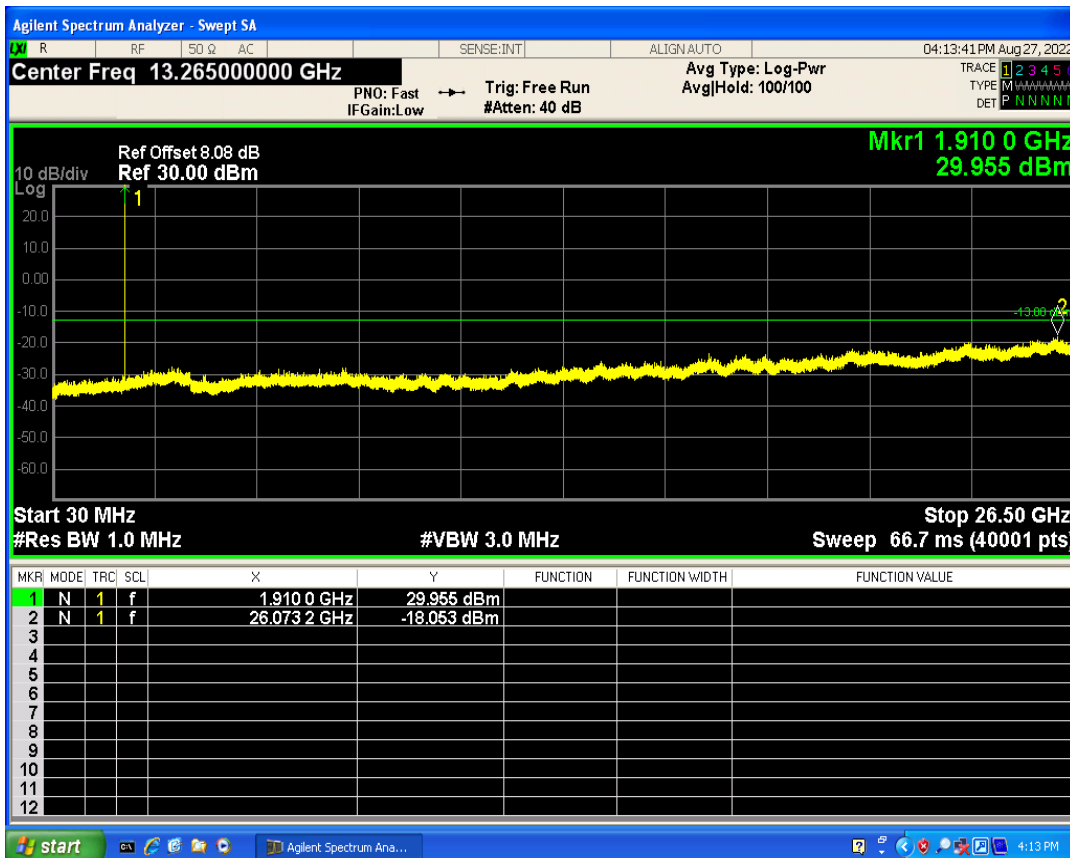
12 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|----------|---------|-----------------|-----------------|------------------|-------------|---------|
| GPRS1900 | 512 | 1850.2 | 25934.20 | -18.20 | -13 | PASS |
| GPRS1900 | 661 | 1880 | 26044.72 | -18.27 | -13 | PASS |
| GPRS1900 | 810 | 1909.8 | 26073.17 | -18.05 | -13 | PASS |
| GPRS850 | 128 | 824.2 | 818.14 | -17.78 | -13 | PASS |
| GPRS850 | 189 | 836.4 | 25842.22 | -20.86 | -13 | PASS |
| GPRS850 | 251 | 848.8 | 25992.44 | -20.10 | -13 | PASS |

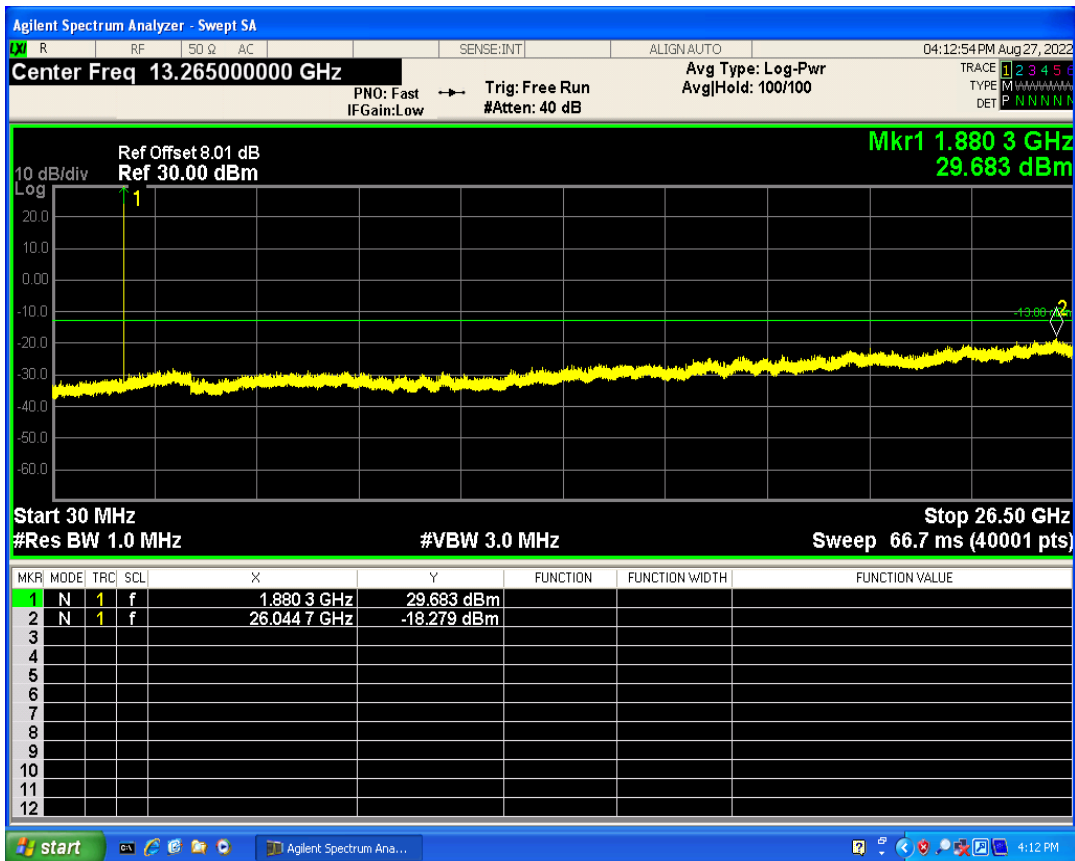
GPRS1900 Channel=512



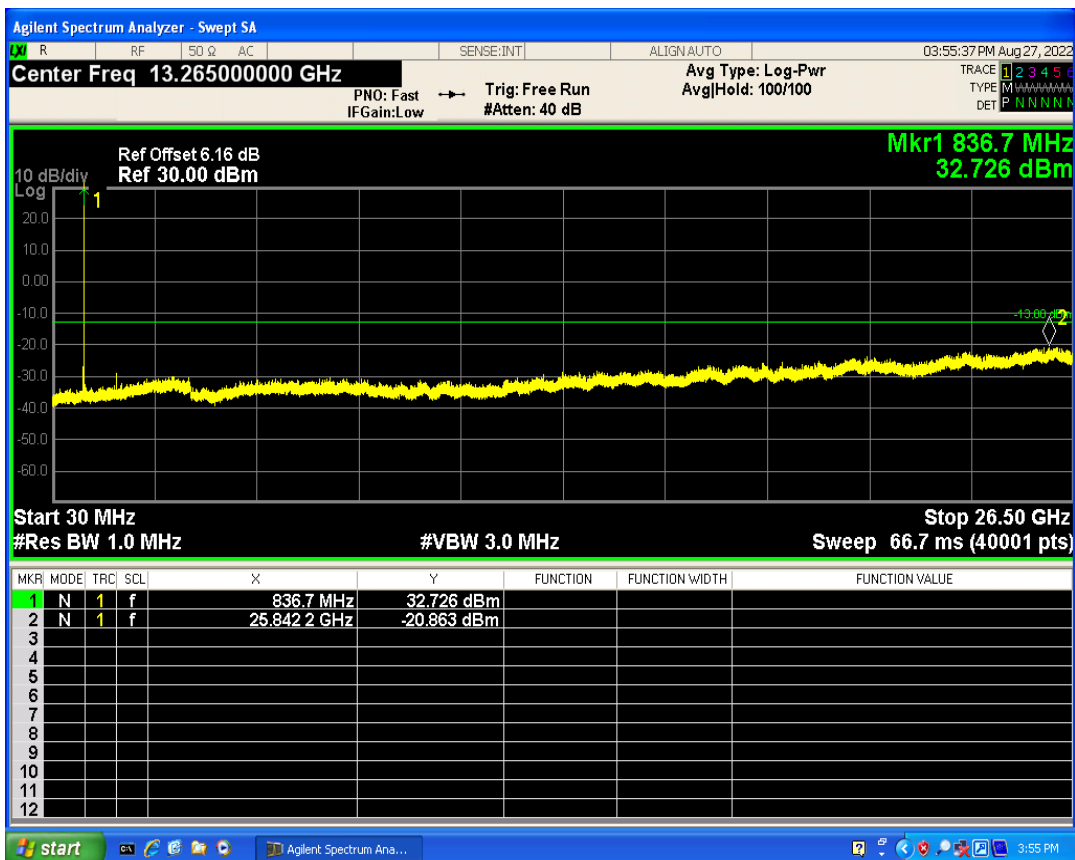
GPRS1900 Channel=810



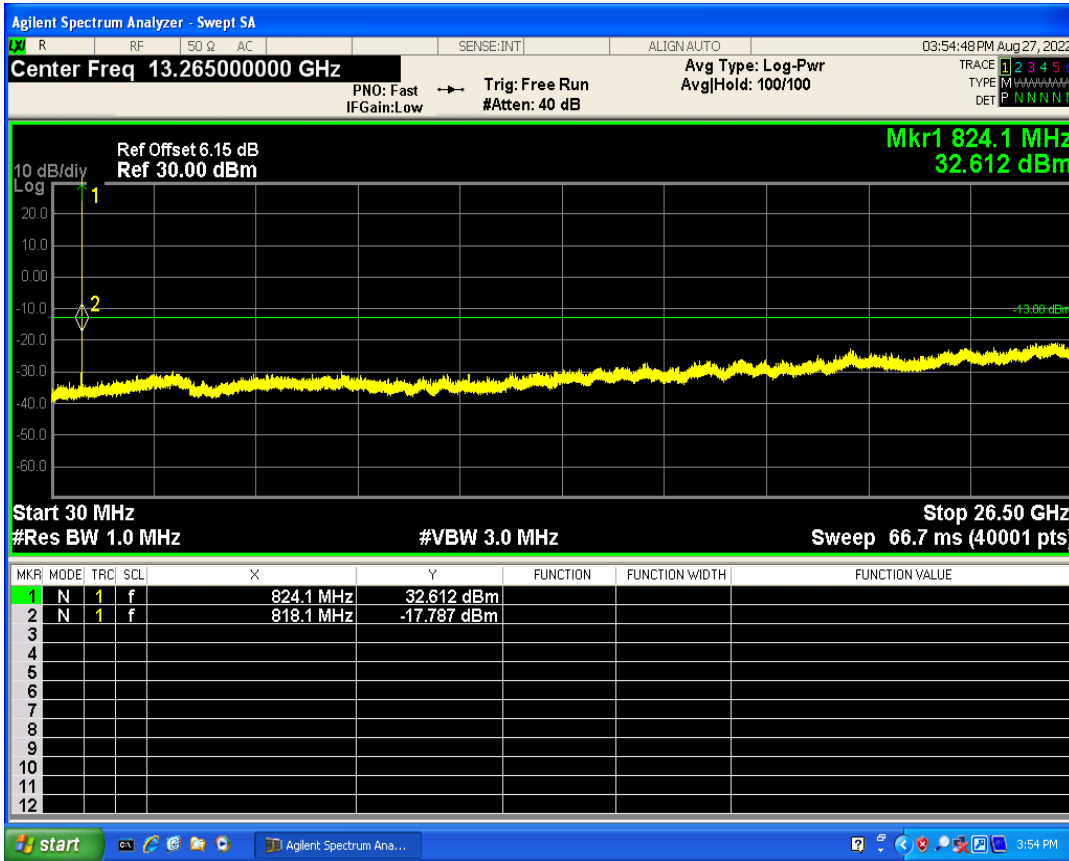
GPRS1900 Channel=661



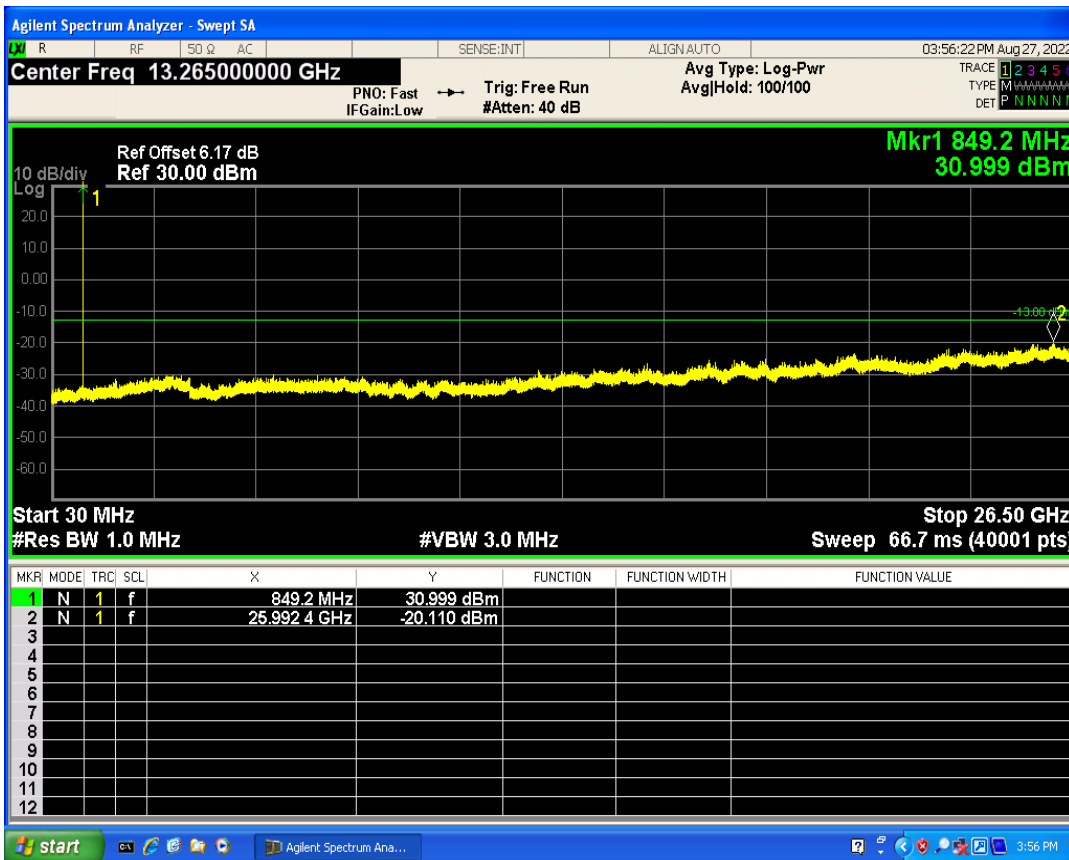
GPRS850 Channel=189



GPRS850 Channel=128



GPRS850 Channel=251



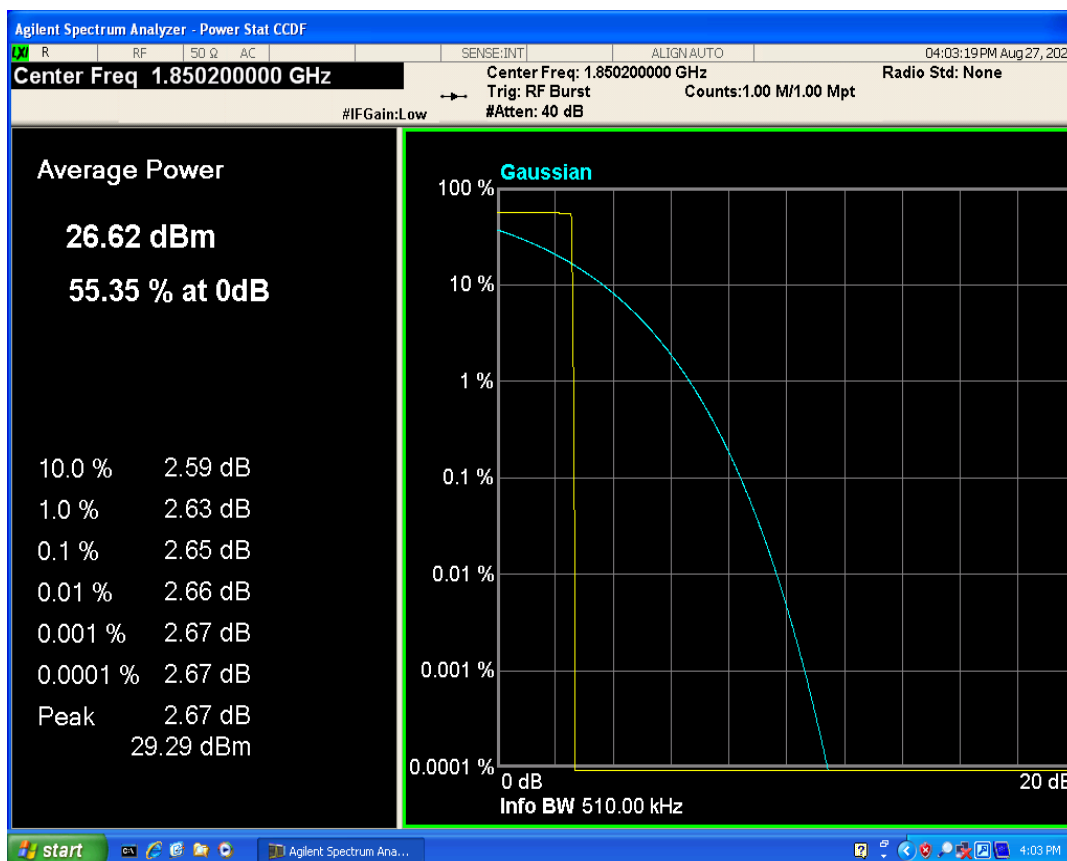
01 Conducted output power

| Band | Channel | Frequency (MHz) | Power (dBm) | Verdict |
|---------|---------|-----------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 29.03 | PASS |
| GSM1900 | 661 | 1880 | 29.11 | PASS |
| GSM1900 | 810 | 1909.8 | 29.15 | PASS |
| GSM850 | 128 | 824.2 | 31.66 | PASS |
| GSM850 | 189 | 836.4 | 32.04 | PASS |
| GSM850 | 251 | 848.8 | 31.52 | PASS |

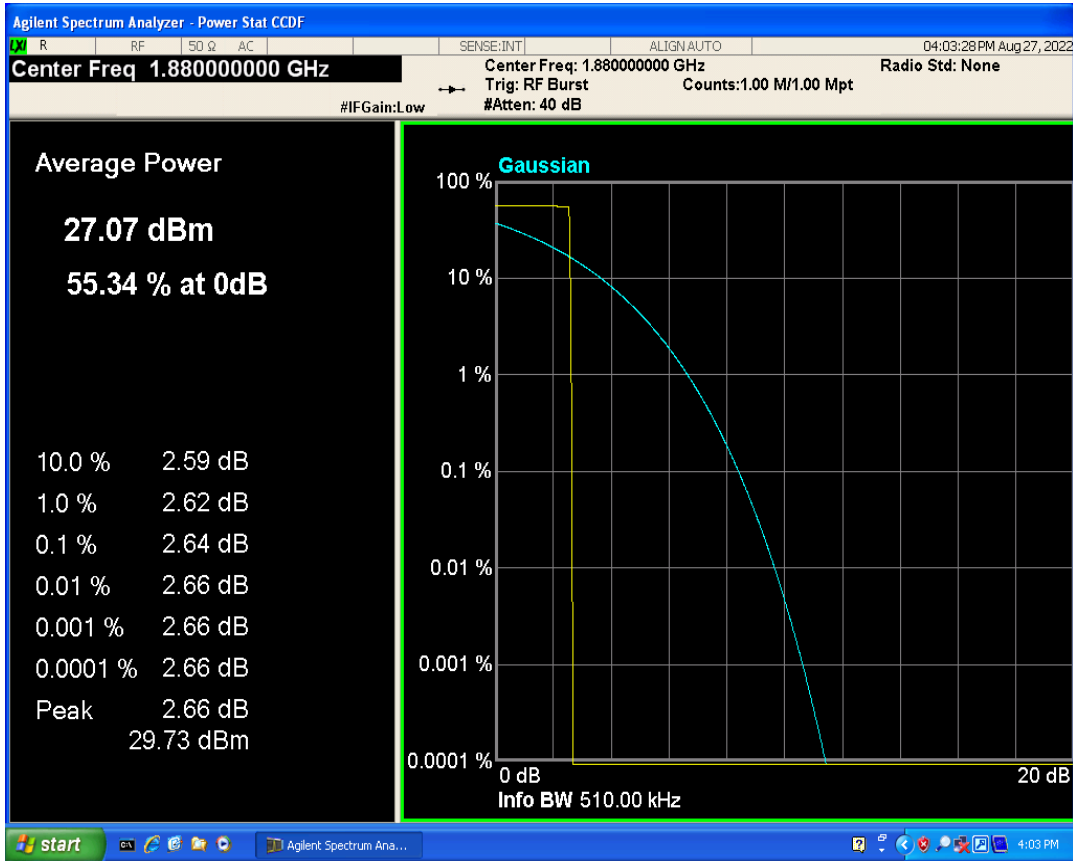
03 Peak-to-Average Ratio

| Band | Channel | Frequency (MHz) | Result (dB) | high Limit (dB) | Verdict |
|---------|---------|-----------------|-------------|-----------------|---------|
| GSM1900 | 512 | 1850.2 | 2.65 | 13 | PASS |
| GSM1900 | 661 | 1880 | 2.64 | 13 | PASS |
| GSM1900 | 810 | 1909.8 | 2.67 | 13 | PASS |
| GSM850 | 128 | 824.2 | 2.69 | 13 | PASS |
| GSM850 | 189 | 836.4 | 2.66 | 13 | PASS |
| GSM850 | 251 | 848.8 | 2.69 | 13 | PASS |

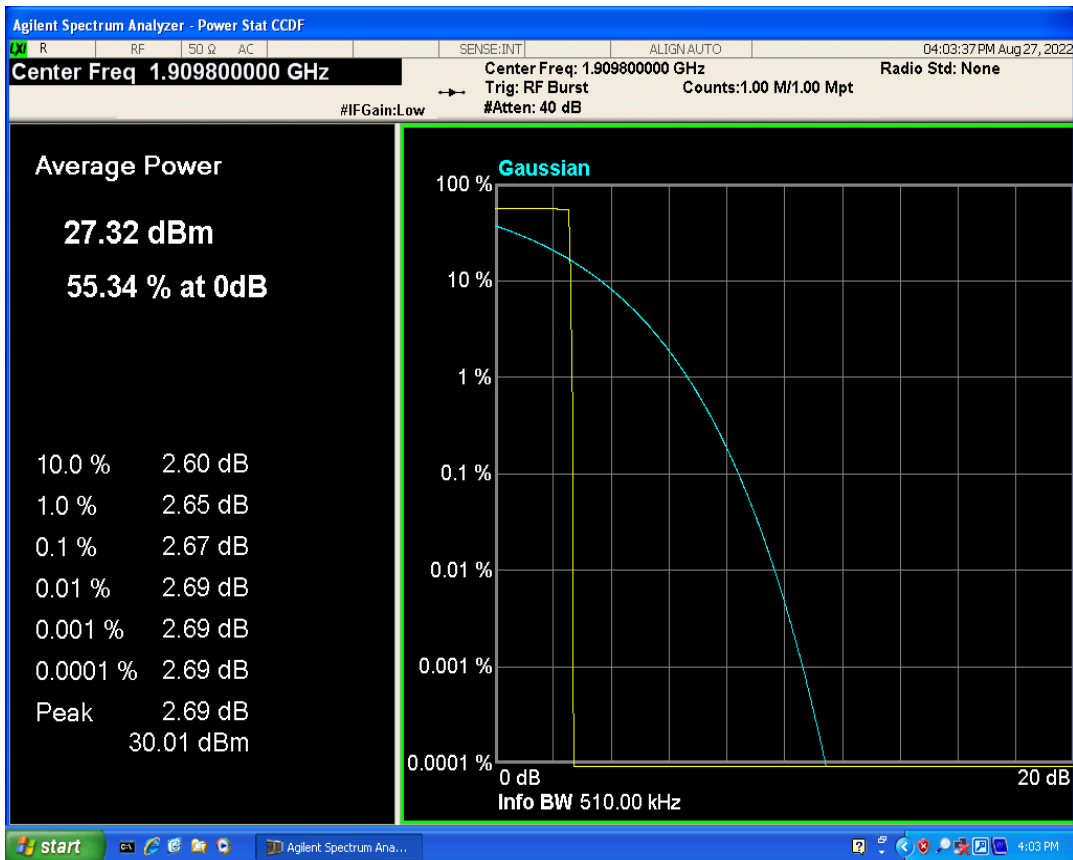
GSM1900 Channel=512



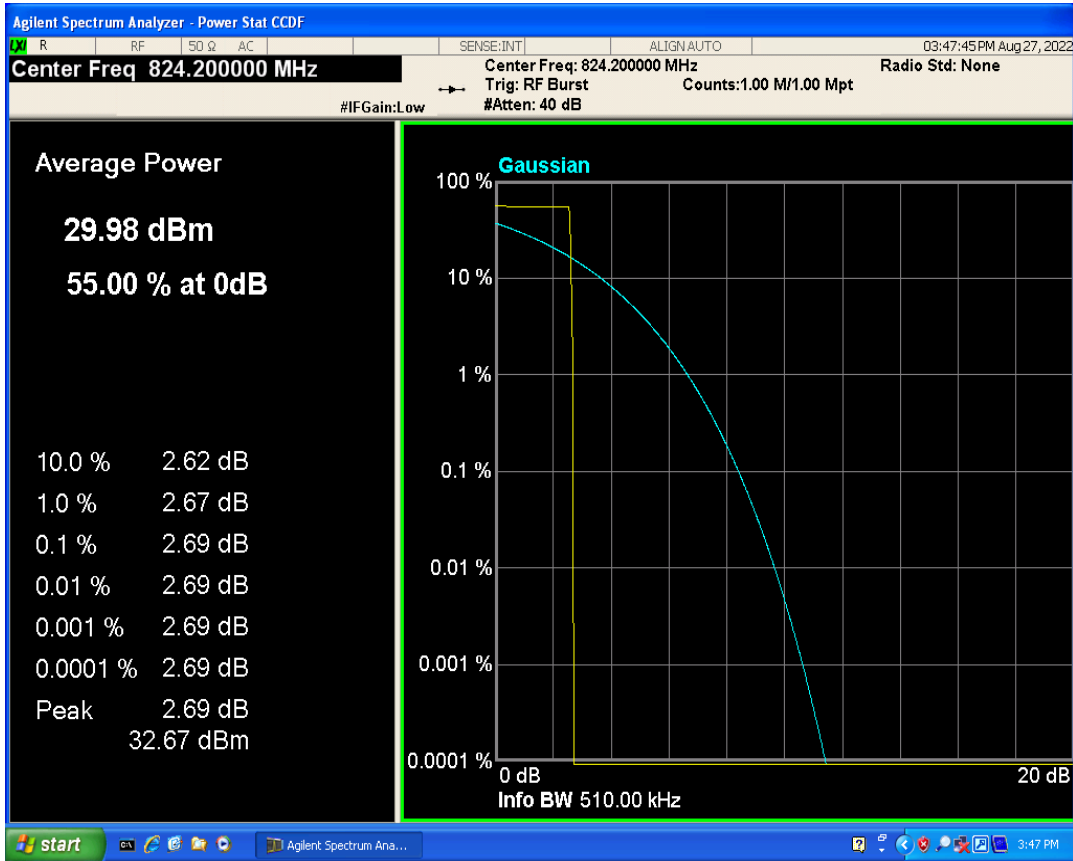
GSM1900 Channel=661



GSM1900 Channel=810



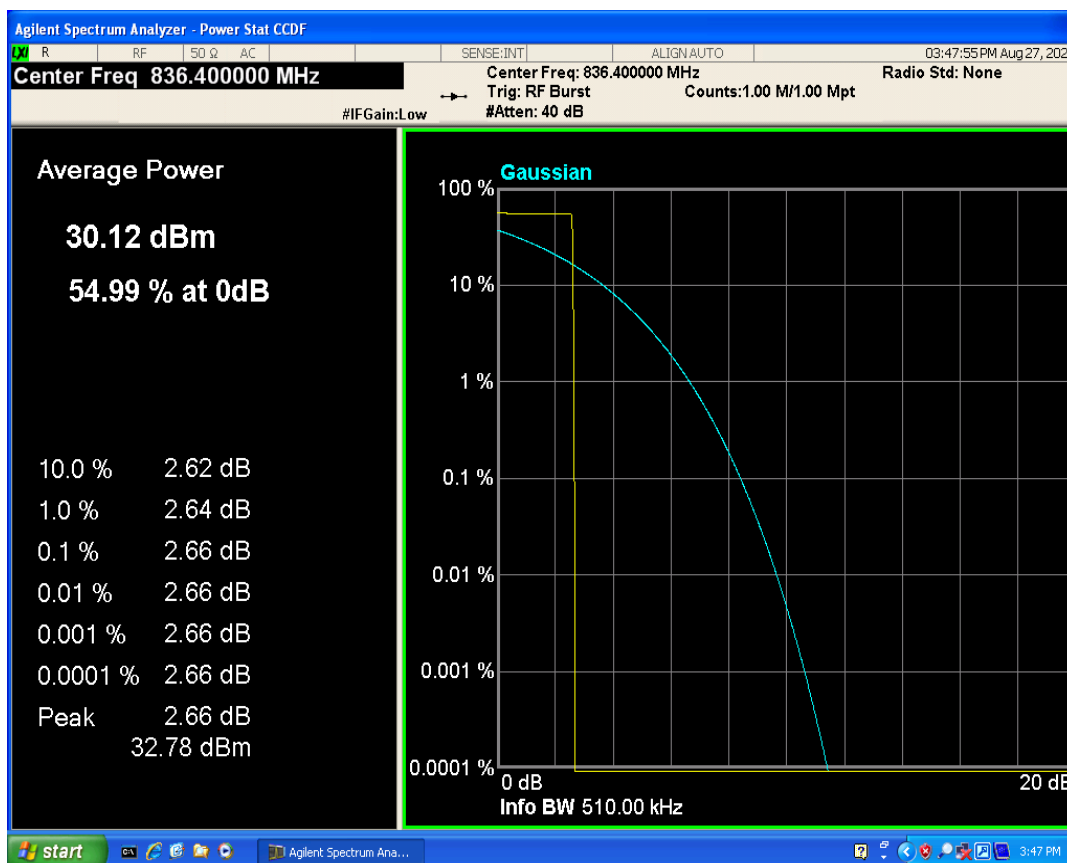
GSM850 Channel=128



GSM850 Channel=251



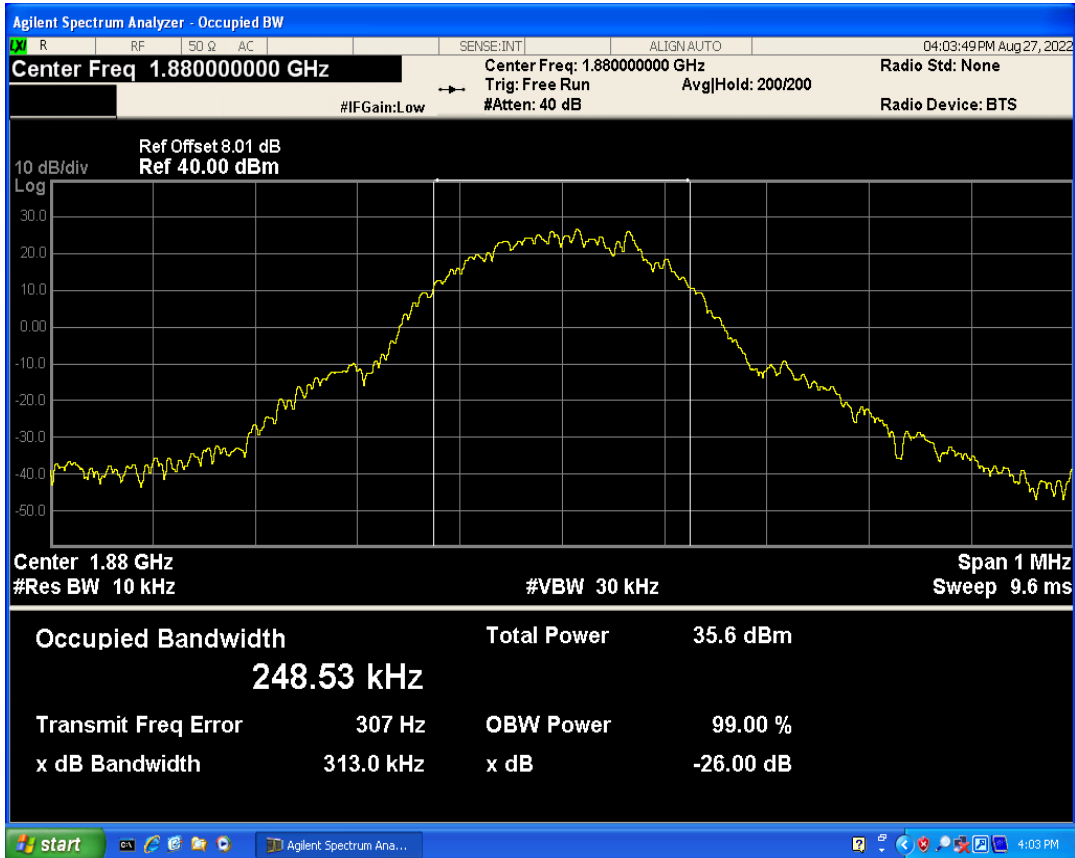
GSM850 Channel=189



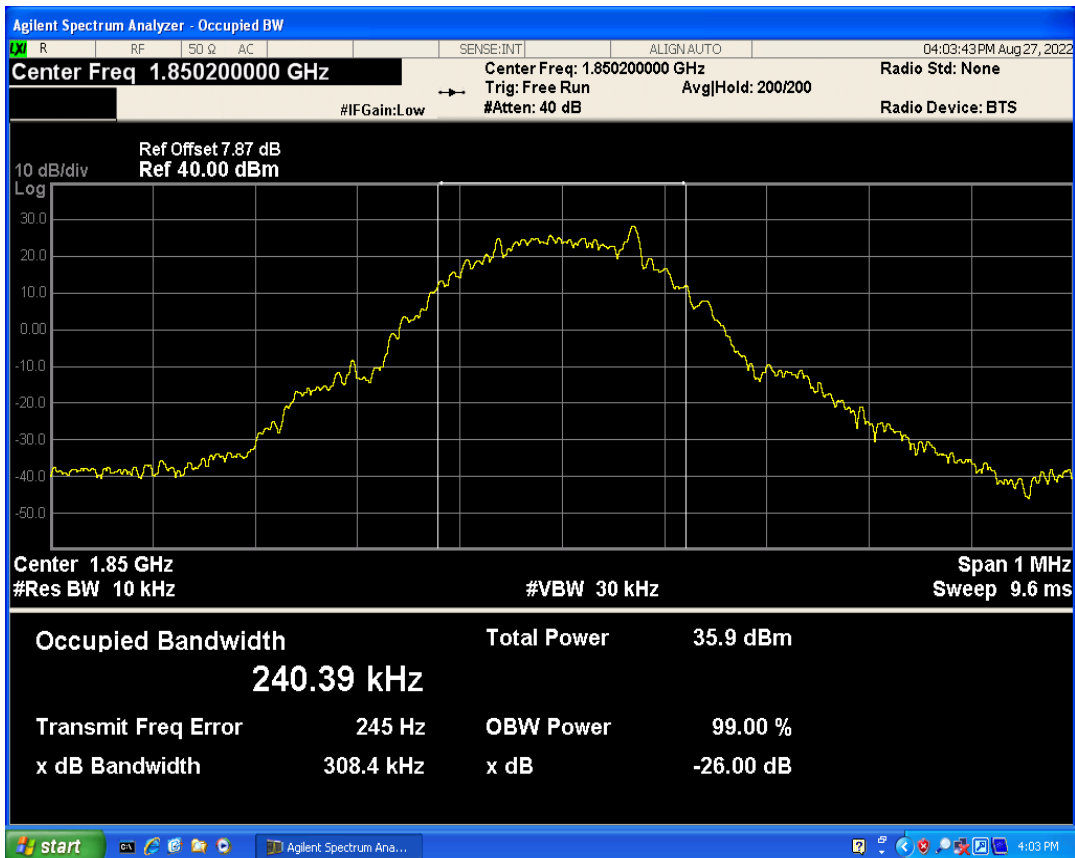
04 Occupied bandwidth

| Band | Channel | Frequency (MHz) | 99% OBW (kHz) | -26dB EBW (kHz) | Verdict |
|---------|---------|-----------------|---------------|-----------------|---------|
| GSM1900 | 512 | 1850.2 | 240.395 | 308.393 | PASS |
| GSM1900 | 661 | 1880 | 248.526 | 312.995 | PASS |
| GSM1900 | 810 | 1909.8 | 240.262 | 295.931 | PASS |
| GSM850 | 128 | 824.2 | 246.187 | 324.025 | PASS |
| GSM850 | 189 | 836.4 | 245.871 | 318.766 | PASS |
| GSM850 | 251 | 848.8 | 247.020 | 317.014 | PASS |

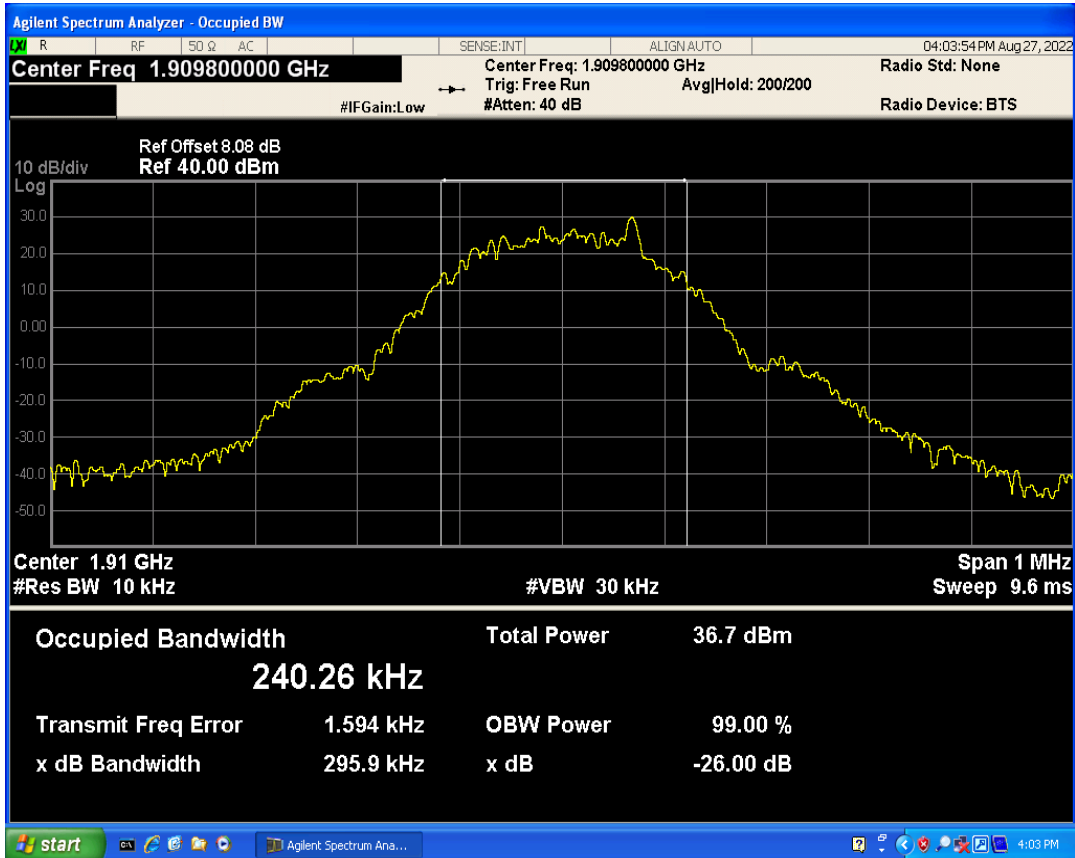
GSM1900 Channel=661



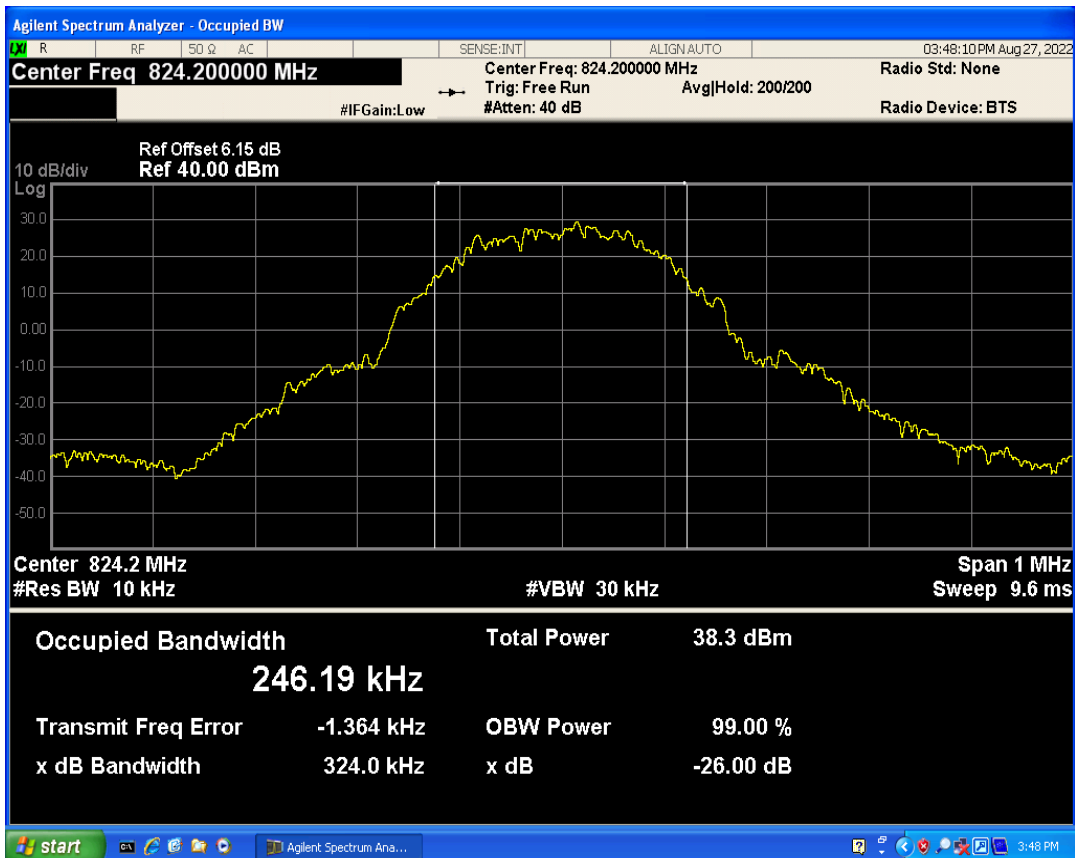
GSM1900 Channel=512



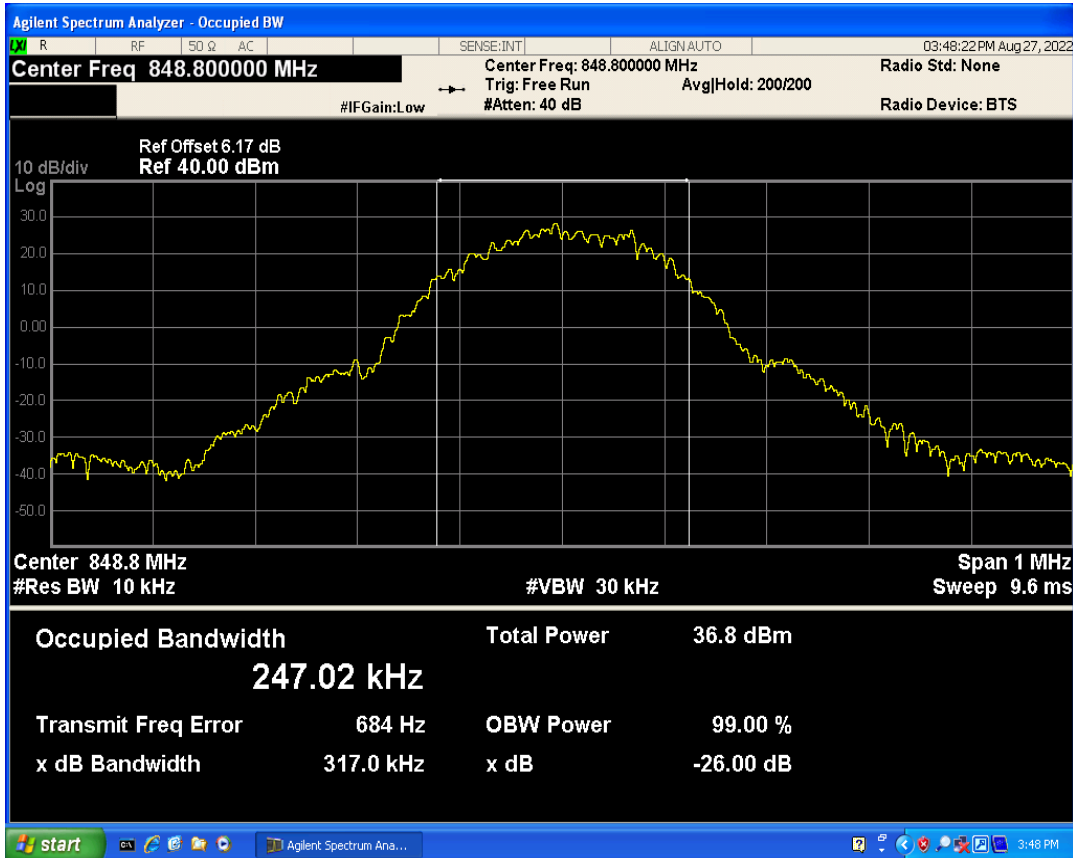
GSM1900 Channel=810



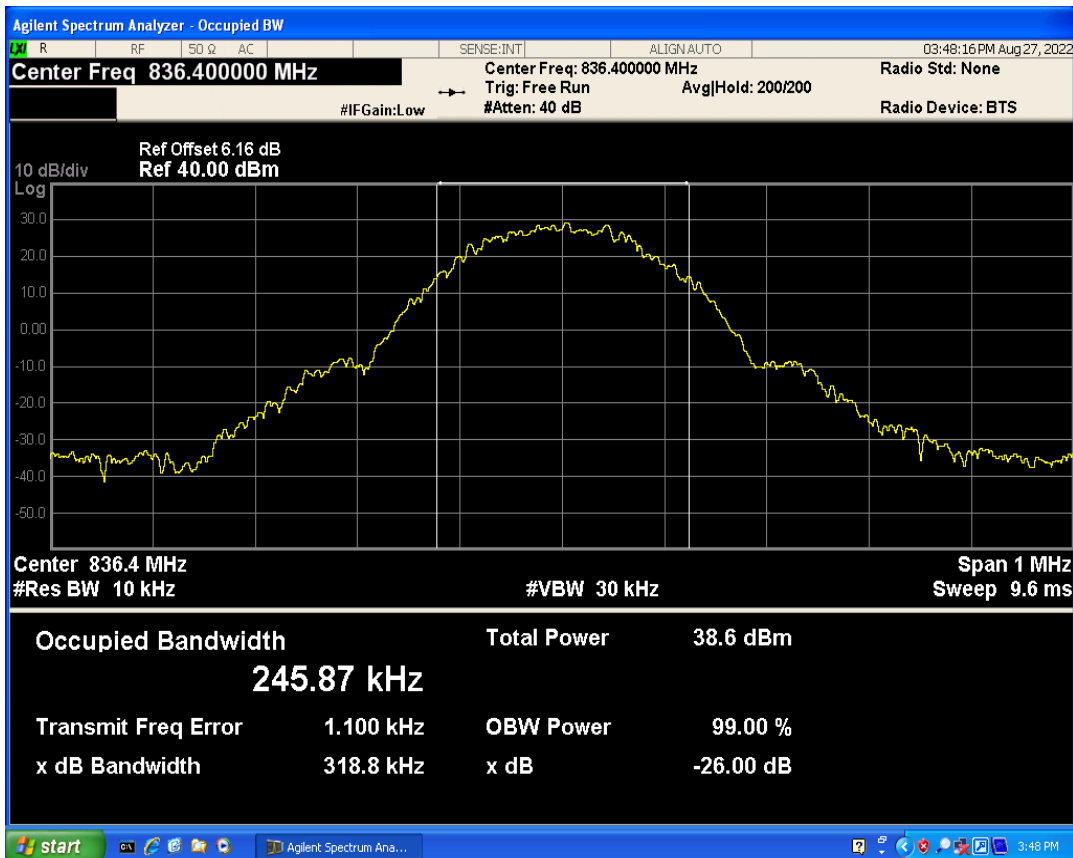
GSM850 Channel=128



GSM850 Channel=251



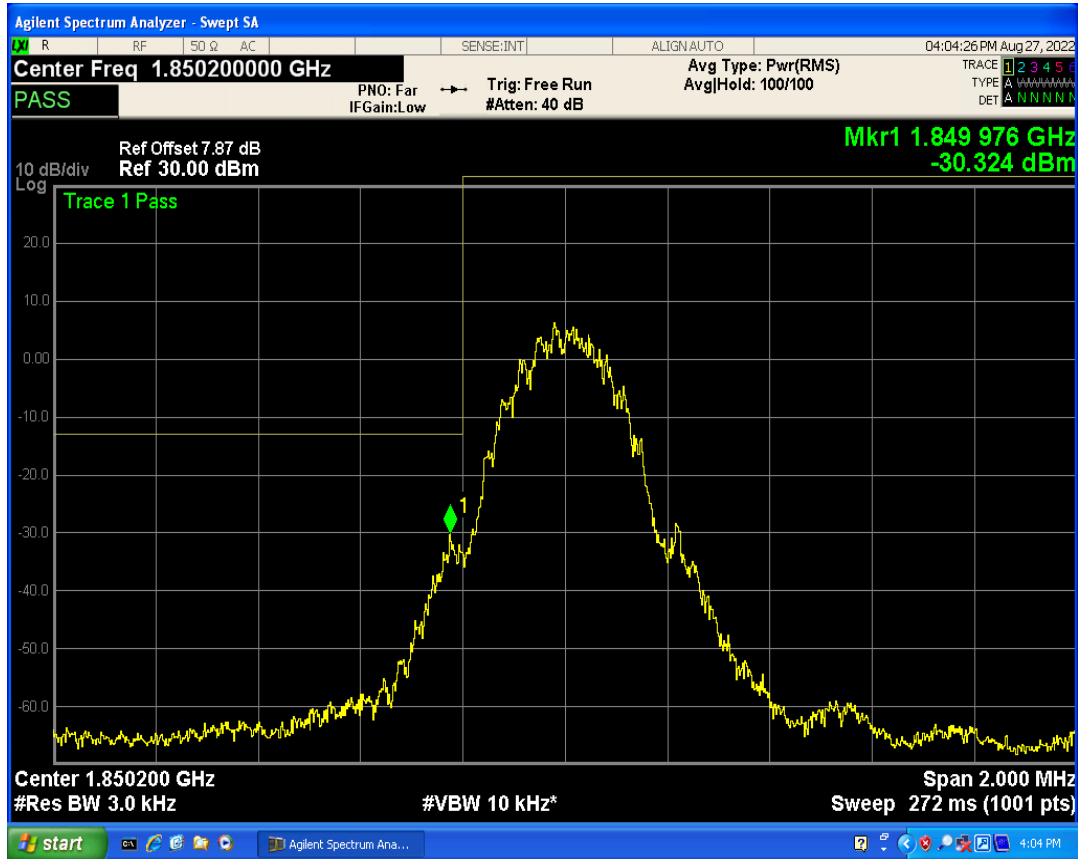
GSM850 Channel=189



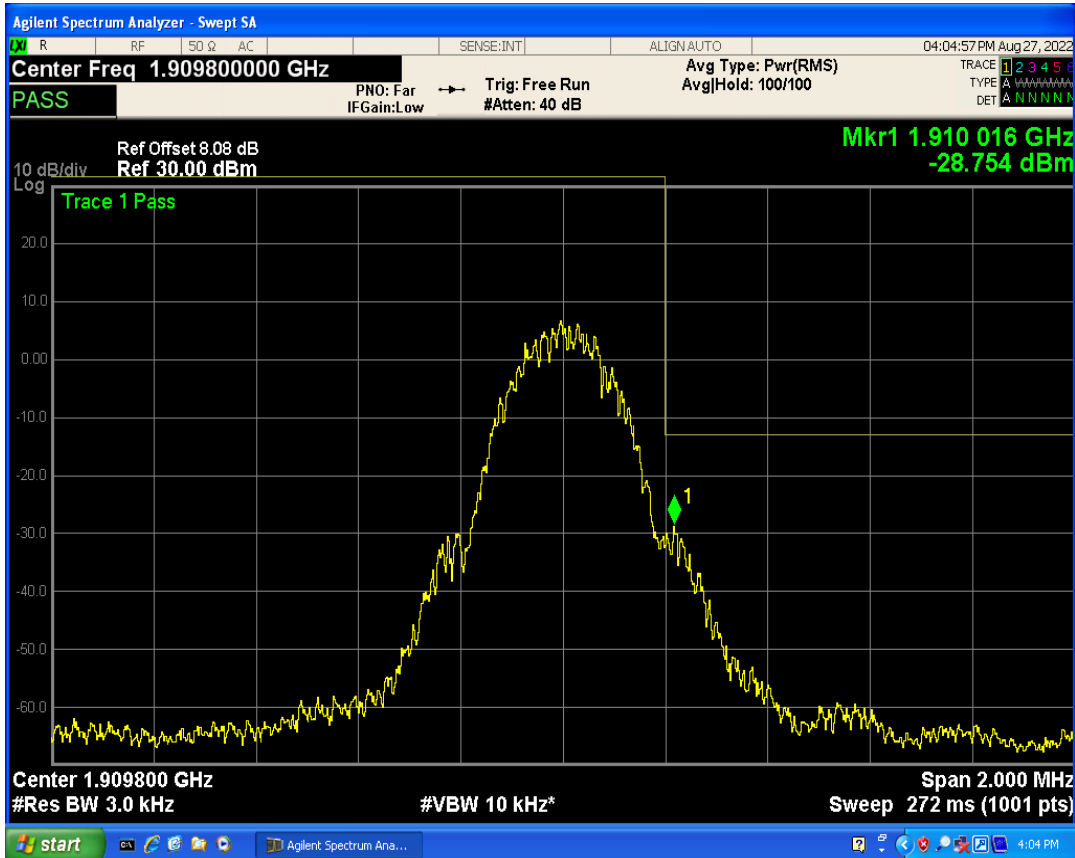
05 Band edge

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 1849.98 | -30.32 | -13 | PASS |
| GSM1900 | 810 | 1909.8 | 1910.02 | -28.75 | -13 | PASS |
| GSM850 | 128 | 824.2 | 823.99 | -24.53 | -13 | PASS |
| GSM850 | 251 | 848.8 | 849.02 | -28.59 | -13 | PASS |

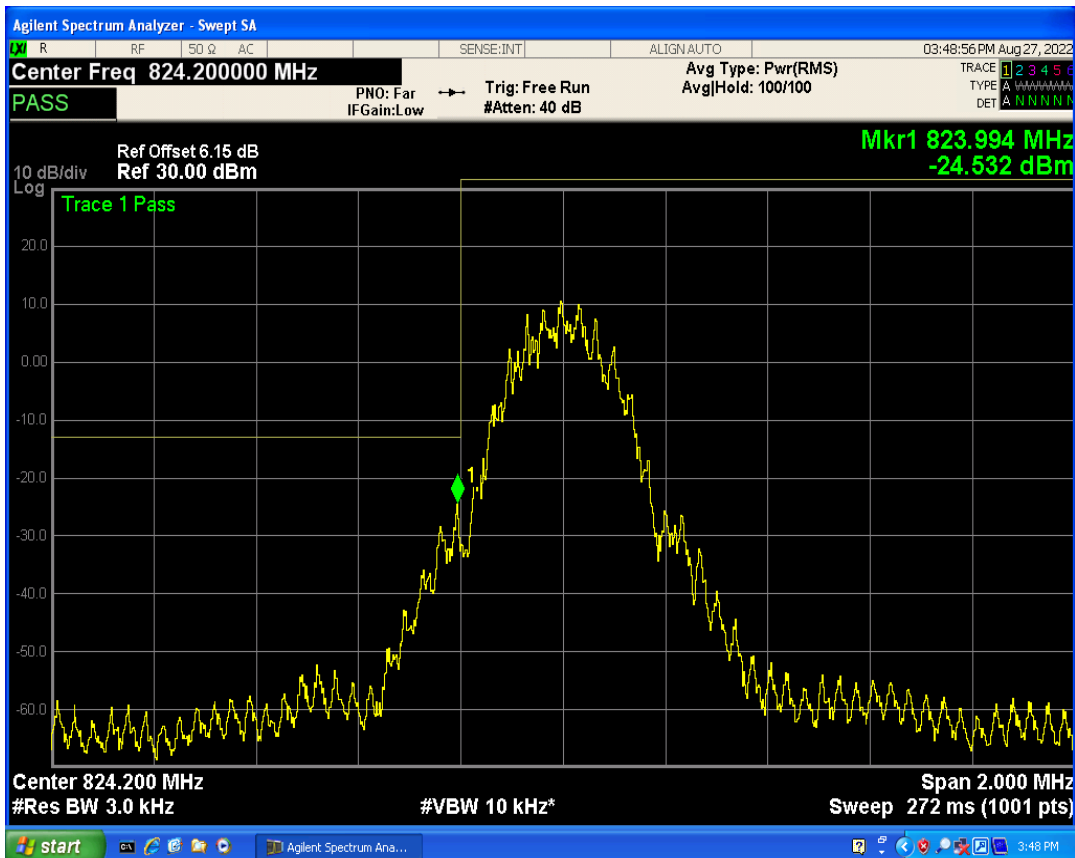
GSM1900 Channel=512



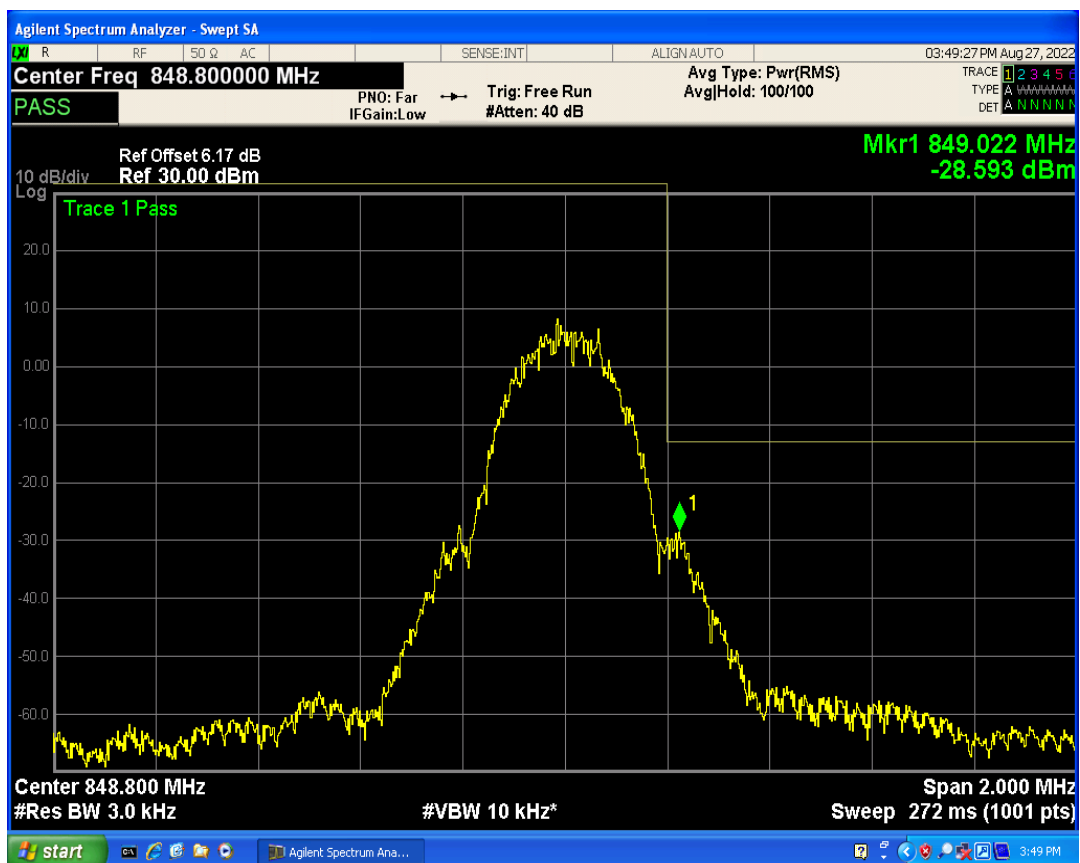
GSM1900 Channel=810



GSM850 Channel=128



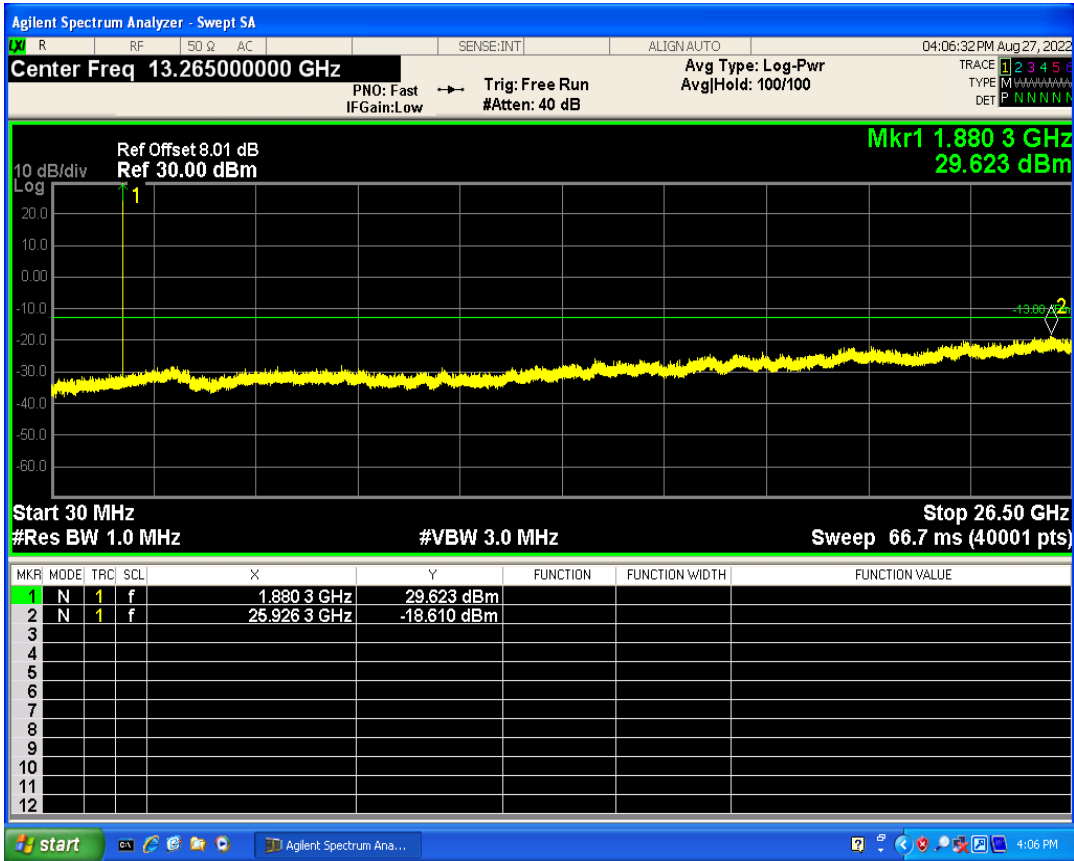
GSM850 Channel=251



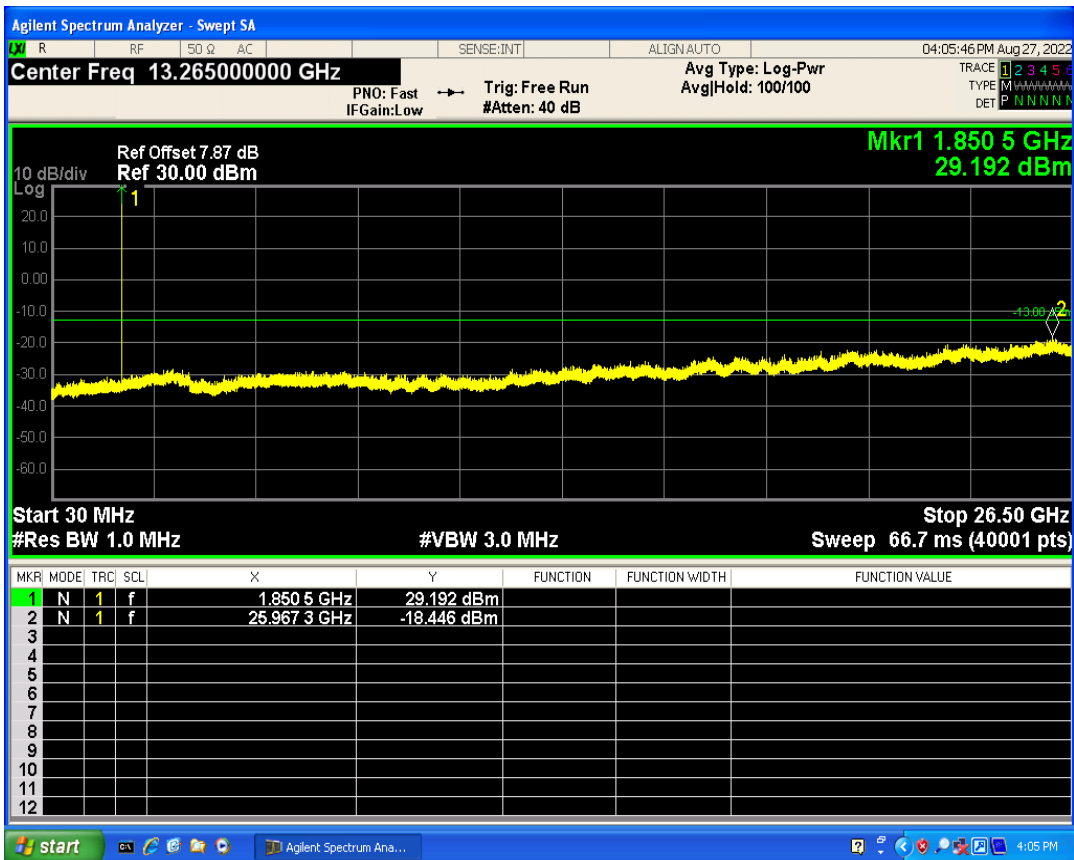
06 Out-of-band emissions

| Band | Channel | Frequency (MHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---------|---------|-----------------|-----------------|------------------|-------------|---------|
| GSM1900 | 512 | 1850.2 | 25967.29 | -18.44 | -13 | PASS |
| GSM1900 | 661 | 1880 | 25926.26 | -18.60 | -13 | PASS |
| GSM1900 | 810 | 1909.8 | 25992.44 | -17.71 | -13 | PASS |
| GSM850 | 128 | 824.2 | 26019.57 | -20.46 | -13 | PASS |
| GSM850 | 189 | 836.4 | 25509.36 | -19.99 | -13 | PASS |
| GSM850 | 251 | 848.8 | 26018.25 | -20.27 | -13 | PASS |

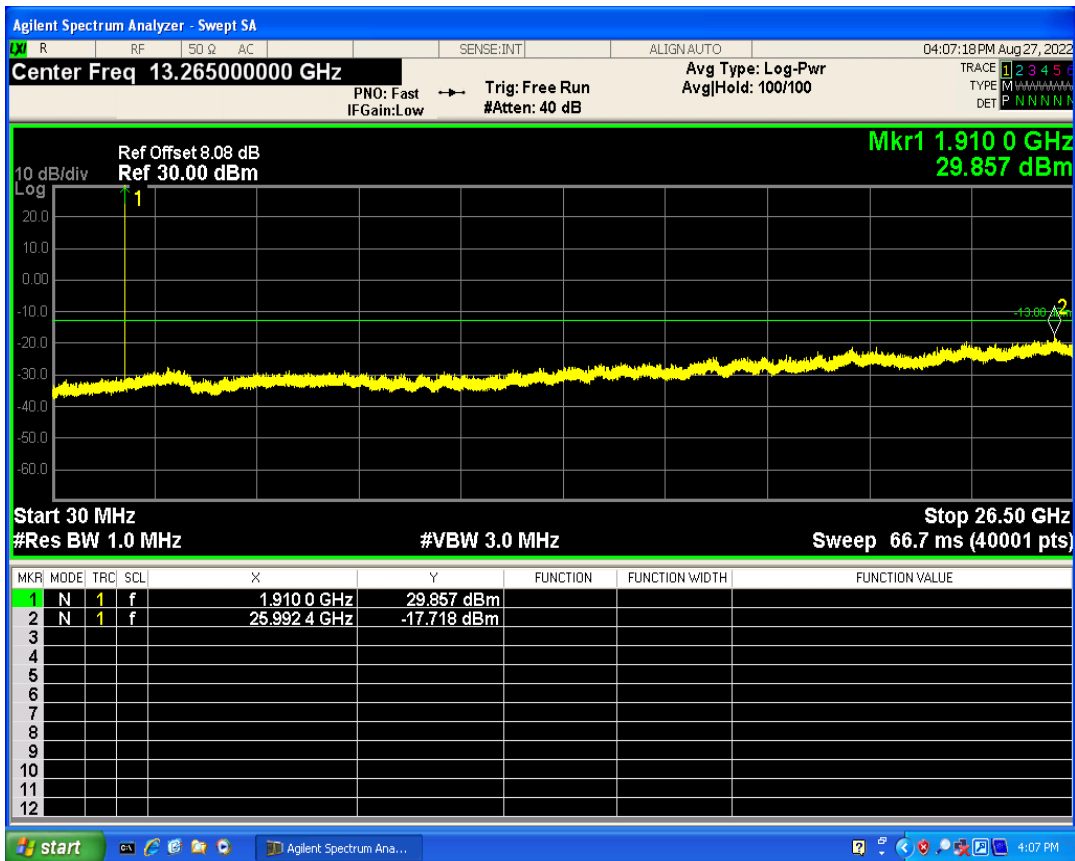
GSM1900 Channel=661



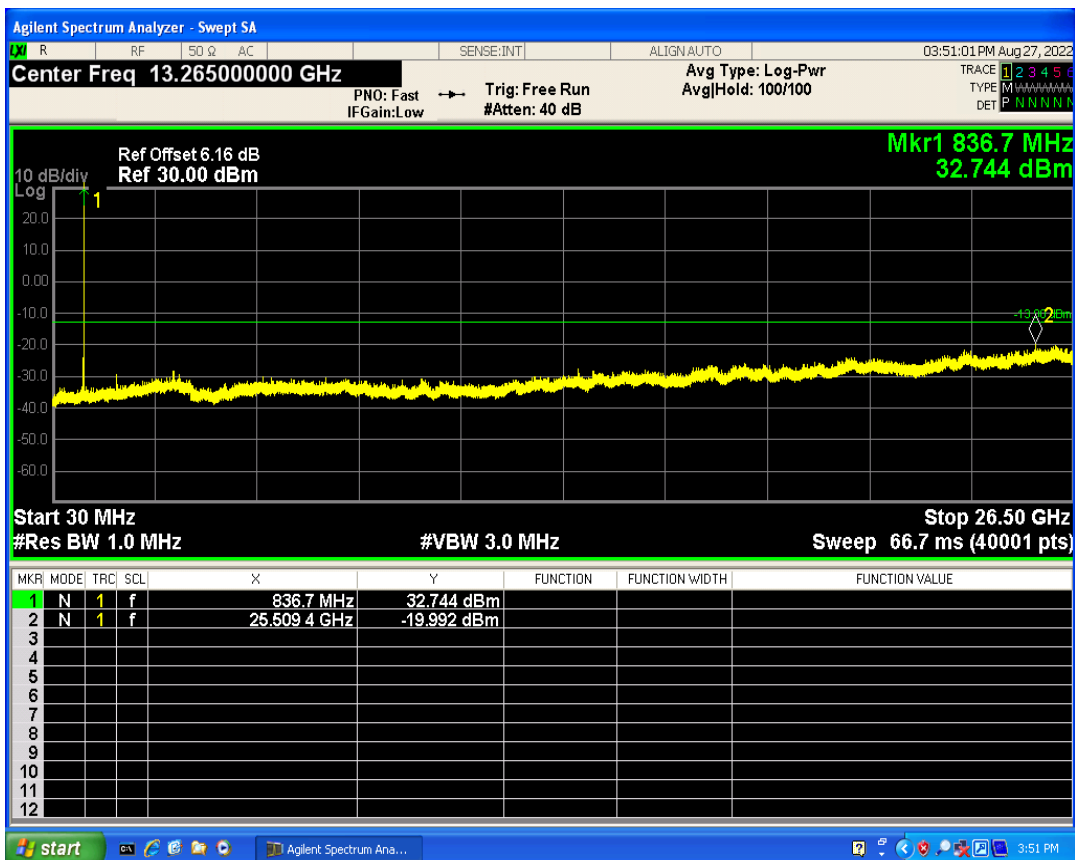
GSM1900 Channel=512



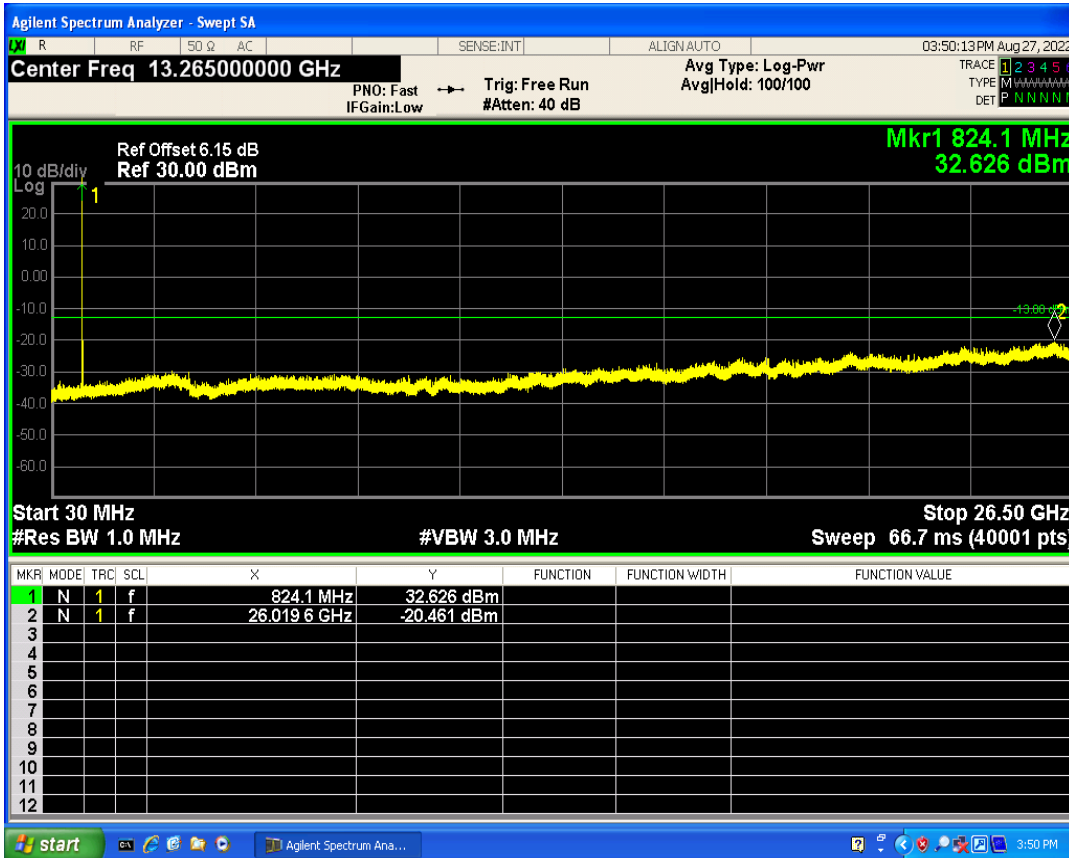
GSM1900 Channel=810



GSM850 Channel=189



GSM850 Channel=128



GSM850 Channel=251

