



8.1 Appendix A: Conducted Output Power

Test Result

| Band | Channel | PCL | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|-----|------------|------------|---------|
| GSM850 | 128 | 5 | 32.24 | 38.5 | PASS |
| GSM850 | 190 | 5 | 32.31 | 38.5 | PASS |
| GSM850 | 251 | 5 | 32.49 | 38.5 | PASS |
| GSM1900 | 512 | 0 | 30.27 | 33 | PASS |
| GSM1900 | 661 | 0 | 28.08 | 33 | PASS |
| GSM1900 | 810 | 0 | 28.77 | 33 | PASS |



| Band | Channel | PCL | Slot | Power(dBm) | Limit(dBm) | Verdict |
|----------|---------|-----|------|------------|------------|---------|
| GPRS850 | 128 | 5 | 1 | 32.11 | 38.5 | PASS |
| GPRS850 | 128 | 5 | 2 | 30.98 | 38.5 | PASS |
| GPRS850 | 128 | 5 | 3 | 29.27 | 38.5 | PASS |
| GPRS850 | 128 | 5 | 4 | 26.80 | 38.5 | PASS |
| GPRS850 | 190 | 5 | 1 | 32.16 | 38.5 | PASS |
| GPRS850 | 190 | 5 | 2 | 31.03 | 38.5 | PASS |
| GPRS850 | 190 | 5 | 3 | 29.36 | 38.5 | PASS |
| GPRS850 | 190 | 5 | 4 | 26.90 | 38.5 | PASS |
| GPRS850 | 251 | 5 | 1 | 32.30 | 38.5 | PASS |
| GPRS850 | 251 | 5 | 2 | 31.14 | 38.5 | PASS |
| GPRS850 | 251 | 5 | 3 | 29.44 | 38.5 | PASS |
| GPRS850 | 251 | 5 | 4 | 27.05 | 38.5 | PASS |
| GPRS1900 | 512 | 0 | 1 | 30.27 | 33 | PASS |
| GPRS1900 | 512 | 0 | 2 | 29.96 | 33 | PASS |
| GPRS1900 | 512 | 0 | 3 | 28.53 | 33 | PASS |
| GPRS1900 | 512 | 0 | 4 | 27.01 | 33 | PASS |
| GPRS1900 | 661 | 0 | 1 | 29.90 | 33 | PASS |
| GPRS1900 | 661 | 0 | 2 | 28.61 | 33 | PASS |
| GPRS1900 | 661 | 0 | 3 | 27.23 | 33 | PASS |
| GPRS1900 | 661 | 0 | 4 | 26.66 | 33 | PASS |
| GPRS1900 | 810 | 0 | 1 | 30.11 | 33 | PASS |
| GPRS1900 | 810 | 0 | 2 | 29.89 | 33 | PASS |
| GPRS1900 | 810 | 0 | 3 | 27.71 | 33 | PASS |
| GPRS1900 | 810 | 0 | 4 | 27.09 | 33 | PASS |



| Band | Channel | PCL | Slot | Power(dBm) | Limit(dBm) | Verdict |
|-----------|---------|-----|------|------------|------------|---------|
| EGPRS850 | 128 | 8 | 1 | 28.01 | 38.5 | PASS |
| EGPRS850 | 128 | 8 | 2 | 27.87 | 38.5 | PASS |
| EGPRS850 | 128 | 8 | 3 | 27.54 | 38.5 | PASS |
| EGPRS850 | 128 | 8 | 4 | 27.11 | 38.5 | PASS |
| EGPRS850 | 190 | 8 | 1 | 28.12 | 38.5 | PASS |
| EGPRS850 | 190 | 8 | 2 | 27.76 | 38.5 | PASS |
| EGPRS850 | 190 | 8 | 3 | 27.34 | 38.5 | PASS |
| EGPRS850 | 190 | 8 | 4 | 27.04 | 38.5 | PASS |
| EGPRS850 | 251 | 8 | 1 | 28.14 | 38.5 | PASS |
| EGPRS850 | 251 | 8 | 2 | 27.92 | 38.5 | PASS |
| EGPRS850 | 251 | 8 | 3 | 27.54 | 38.5 | PASS |
| EGPRS850 | 251 | 8 | 4 | 27.28 | 38.5 | PASS |
| EGPRS1900 | 512 | 2 | 1 | 26.64 | 33 | PASS |
| EGPRS1900 | 512 | 2 | 2 | 26.10 | 33 | PASS |
| EGPRS1900 | 512 | 2 | 3 | 25.82 | 33 | PASS |
| EGPRS1900 | 512 | 2 | 4 | 25.33 | 33 | PASS |
| EGPRS1900 | 661 | 2 | 1 | 26.57 | 33 | PASS |
| EGPRS1900 | 661 | 2 | 2 | 26.13 | 33 | PASS |
| EGPRS1900 | 661 | 2 | 3 | 25.77 | 33 | PASS |
| EGPRS1900 | 661 | 2 | 4 | 25.52 | 33 | PASS |
| EGPRS1900 | 810 | 2 | 1 | 26.51 | 33 | PASS |
| EGPRS1900 | 810 | 2 | 2 | 26.07 | 33 | PASS |
| EGPRS1900 | 810 | 2 | 3 | 25.68 | 33 | PASS |
| EGPRS1900 | 810 | 2 | 4 | 25.21 | 33 | PASS |



8.2 Appendix B: Peak-to-Average Ratio

Test Result

| Band | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-----------|---------|---------------------------|-----------|---------|
| GSM850 | 128 | 2.61 | 13 | PASS |
| GSM850 | 190 | 2.61 | 13 | PASS |
| GSM850 | 251 | 2.62 | 13 | PASS |
| GPRS850 | 128 | 2.61 | 13 | PASS |
| GPRS850 | 190 | 2.61 | 13 | PASS |
| GPRS850 | 251 | 2.62 | 13 | PASS |
| EGPRS850 | 128 | 5.40 | 13 | PASS |
| EGPRS850 | 190 | 5.41 | 13 | PASS |
| EGPRS850 | 251 | 5.38 | 13 | PASS |
| GSM1900 | 512 | 2.63 | 13 | PASS |
| GSM1900 | 661 | 2.71 | 13 | PASS |
| GSM1900 | 810 | 2.67 | 13 | PASS |
| GPRS1900 | 512 | 2.63 | 13 | PASS |
| GPRS1900 | 661 | 2.62 | 13 | PASS |
| GPRS1900 | 810 | 2.63 | 13 | PASS |
| EGPRS1900 | 512 | 5.02 | 13 | PASS |
| EGPRS1900 | 661 | 4.95 | 13 | PASS |
| EGPRS1900 | 810 | 4.92 | 13 | PASS |



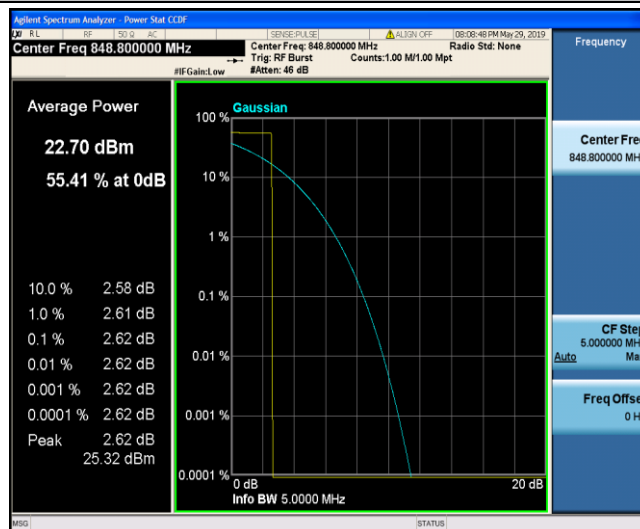
Test Graphs



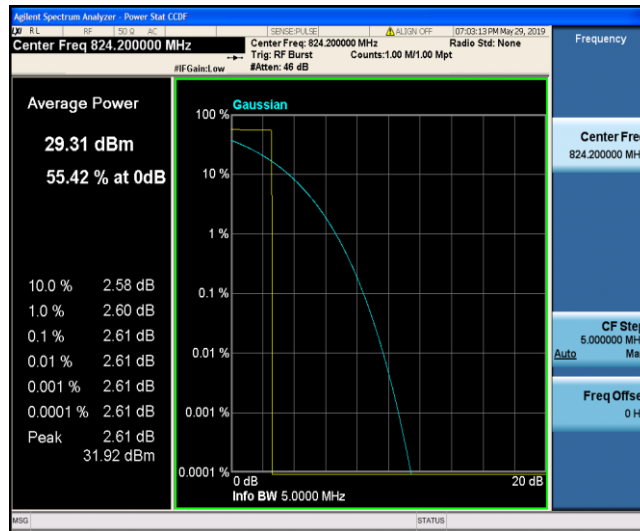
GSM850_128



GSM850_190



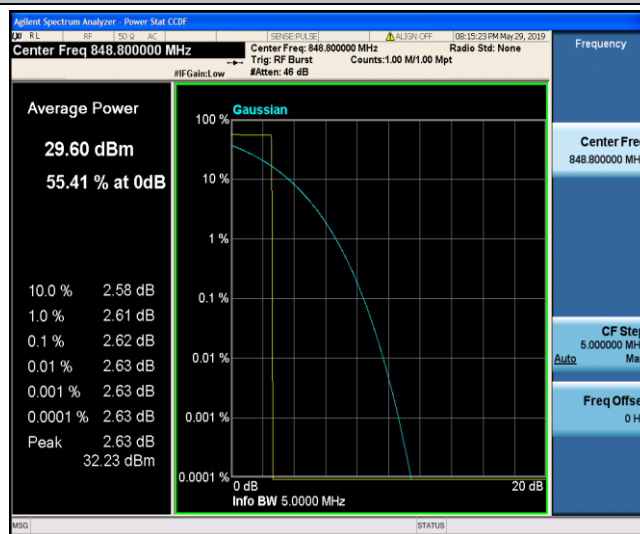
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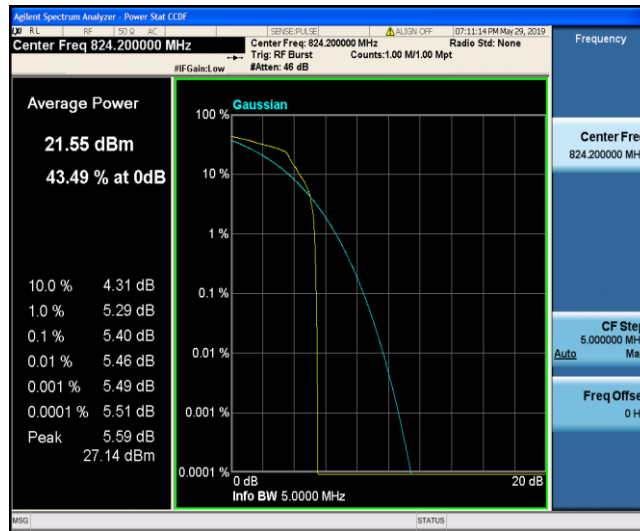
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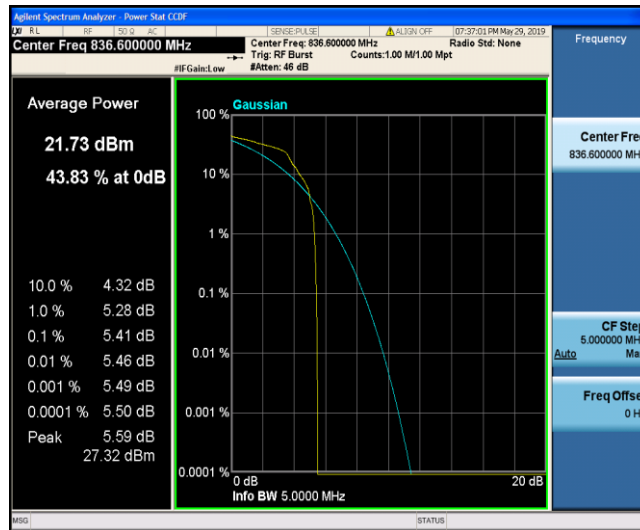
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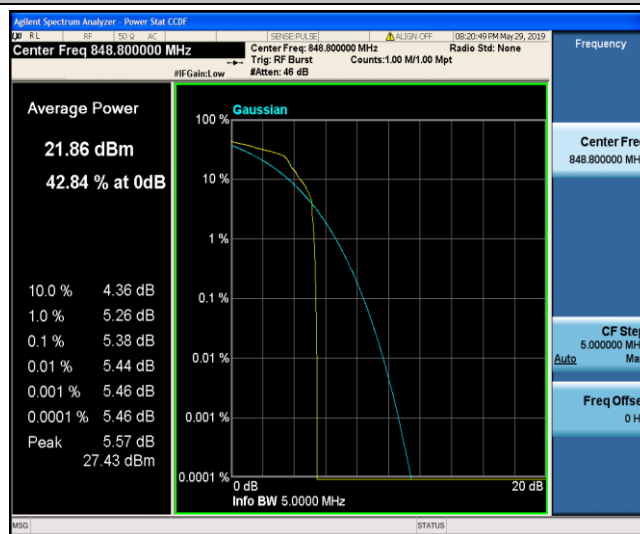
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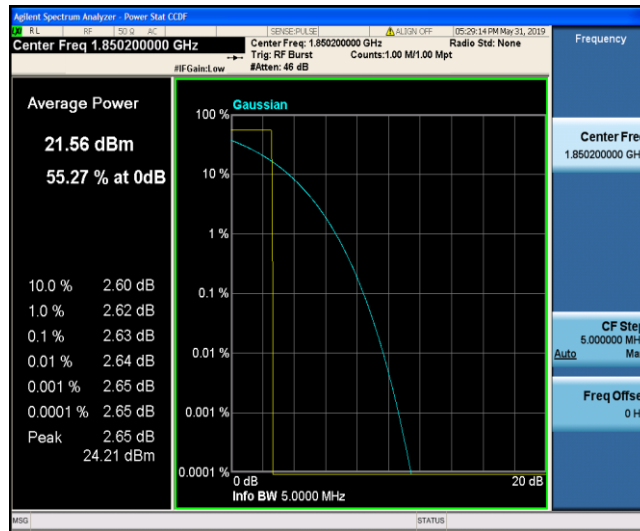
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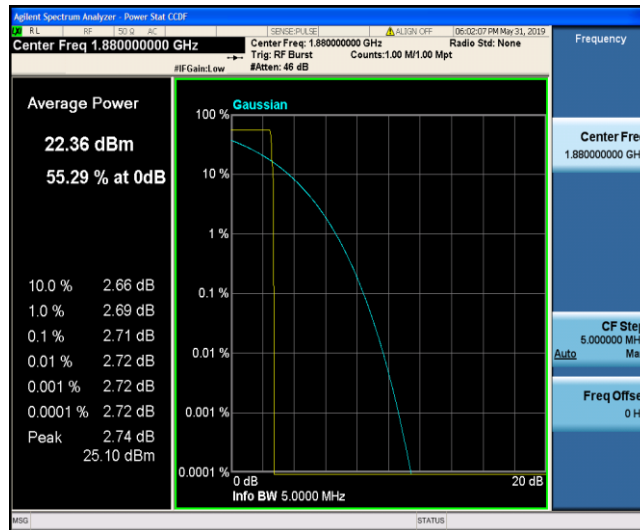
EGPRS850_190



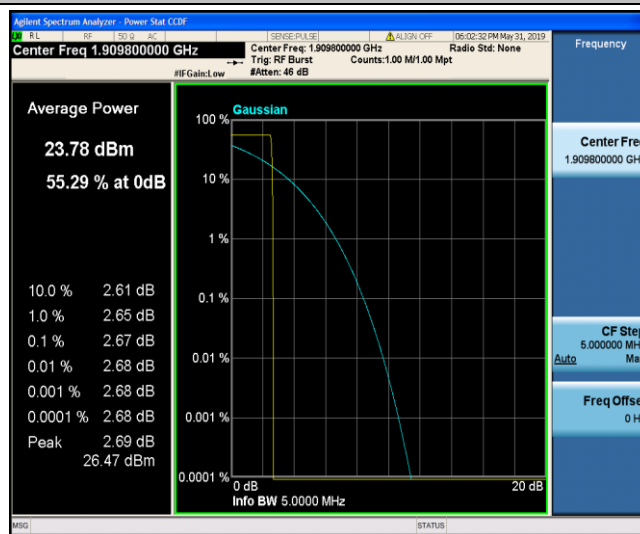
EGPRS850_251



GSM1900_512



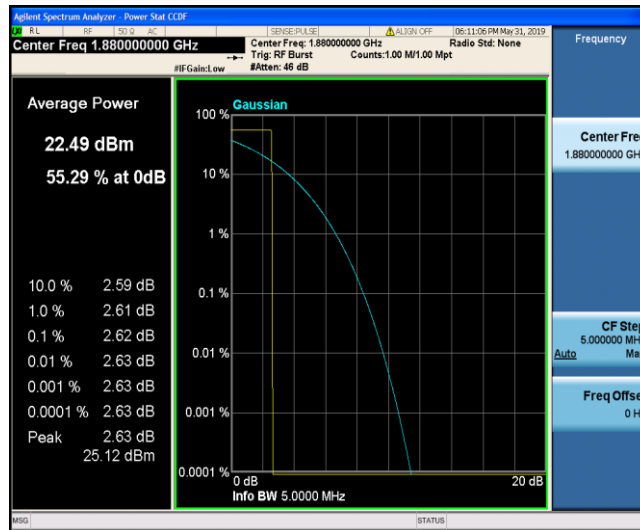
GSM1900_661



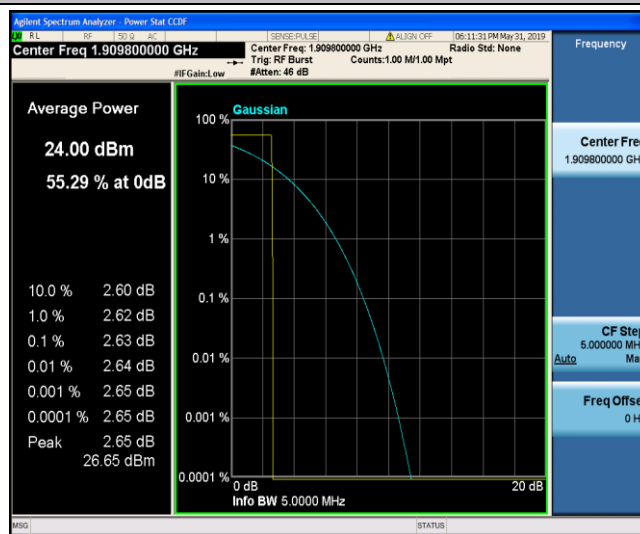
GSM1900_810



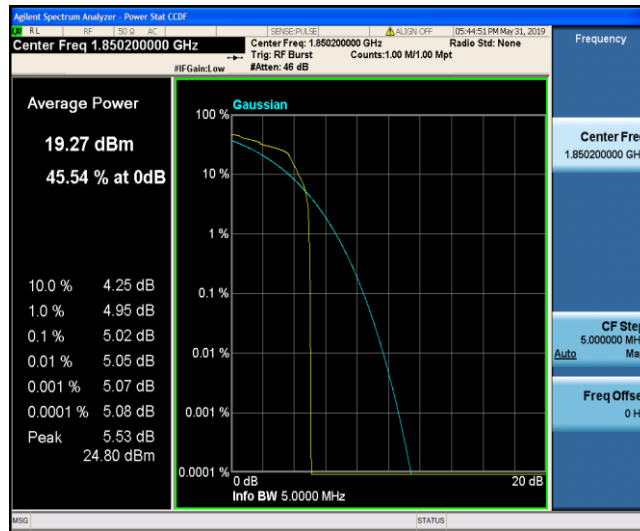
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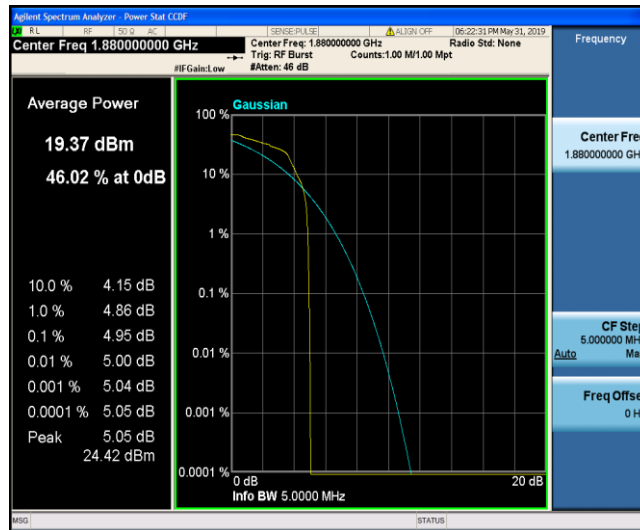
GPRS1900_661



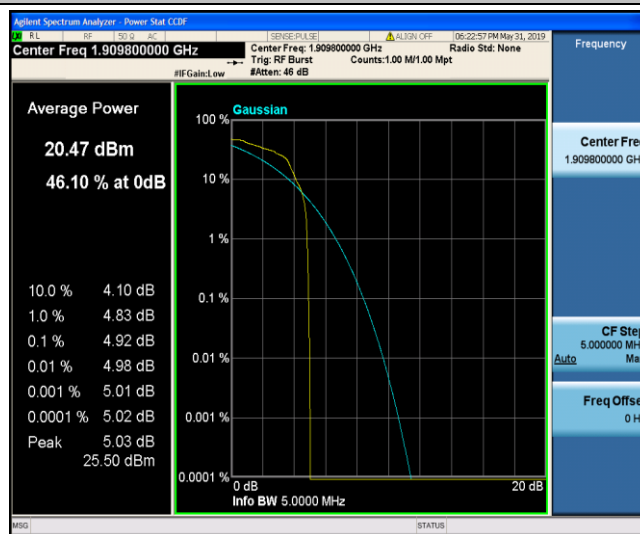
GPRS1900_810



EGPRS1900_512



EGPRS1900_661



EGPRS1900_810



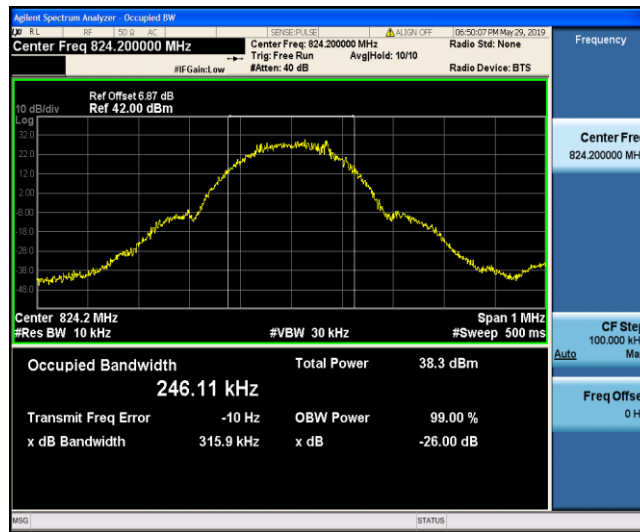
8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

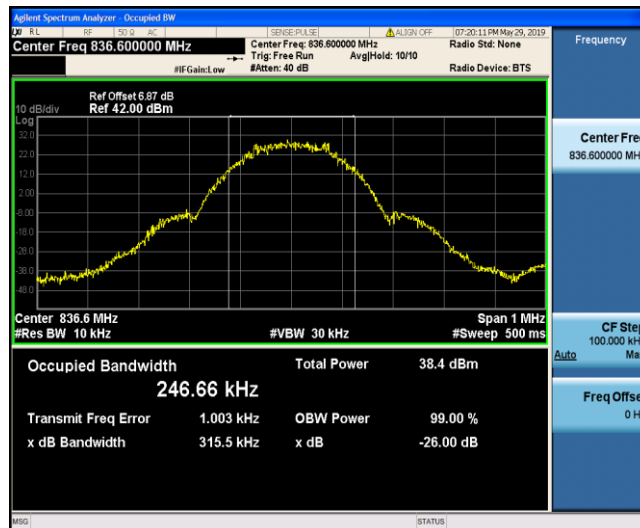
| Band | Channel | Occupied Bandwidth (kHz) | 26dB Bandwidth (kHz) | Limit(kHz) | Verdict |
|-----------|---------|--------------------------|----------------------|------------|---------|
| GSM850 | 128 | 246.11 | 315.9 | --- | PASS |
| GSM850 | 190 | 246.66 | 315.5 | --- | PASS |
| GSM850 | 251 | 246.24 | 316.4 | --- | PASS |
| GPRS850 | 128 | 245.10 | 314.2 | --- | PASS |
| GPRS850 | 190 | 245.62 | 316.4 | --- | PASS |
| GPRS850 | 251 | 244.23 | 310.5 | --- | PASS |
| EGPRS850 | 128 | 245.73 | 311.2 | --- | PASS |
| EGPRS850 | 190 | 248.37 | 309.7 | --- | PASS |
| EGPRS850 | 251 | 246.65 | 310.5 | --- | PASS |
| GSM1900 | 512 | 246.12 | 307.6 | --- | PASS |
| GSM1900 | 661 | 244.55 | 311.7 | --- | PASS |
| GSM1900 | 810 | 244.33 | 316.1 | --- | PASS |
| GPRS1900 | 512 | 244.30 | 312.5 | --- | PASS |
| GPRS1900 | 661 | 245.40 | 319.7 | --- | PASS |
| GPRS1900 | 810 | 244.05 | 315.7 | --- | PASS |
| EGPRS1900 | 512 | 254.24 | 321.0 | --- | PASS |
| EGPRS1900 | 661 | 257.74 | 325.8 | --- | PASS |
| EGPRS1900 | 810 | 260.73 | 342.7 | --- | PASS |



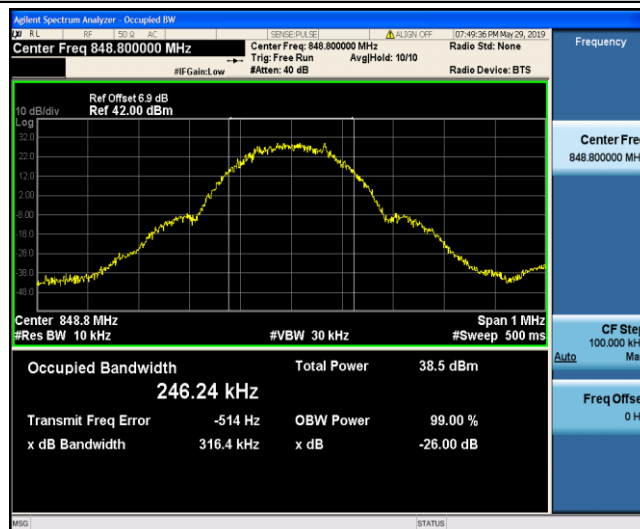
Test Graphs



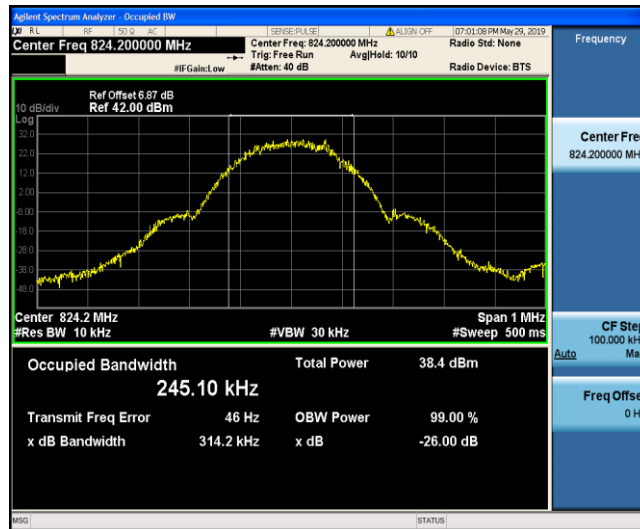
GSM850_128



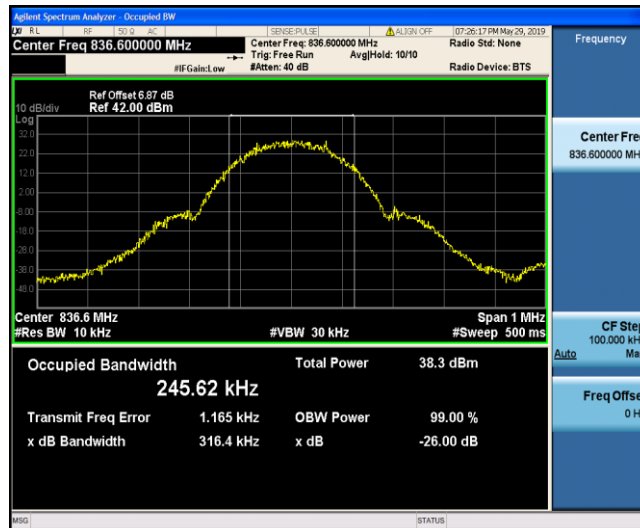
GSM850_190



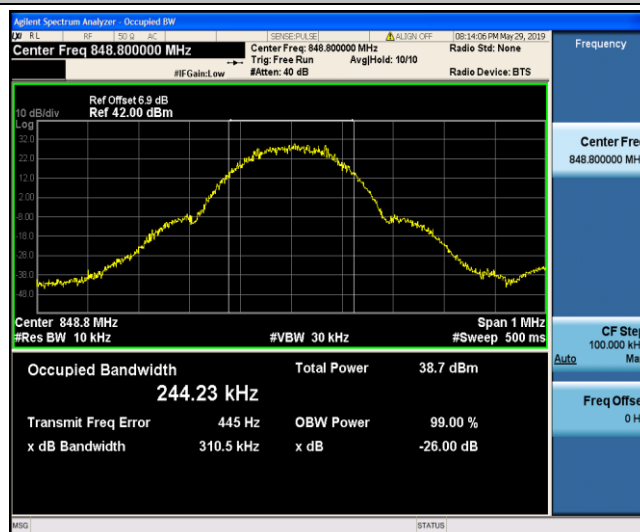
GSM850_251



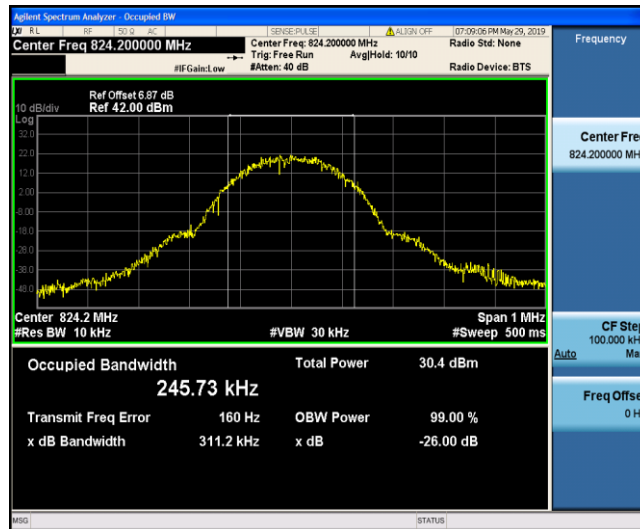
GPRS850_128



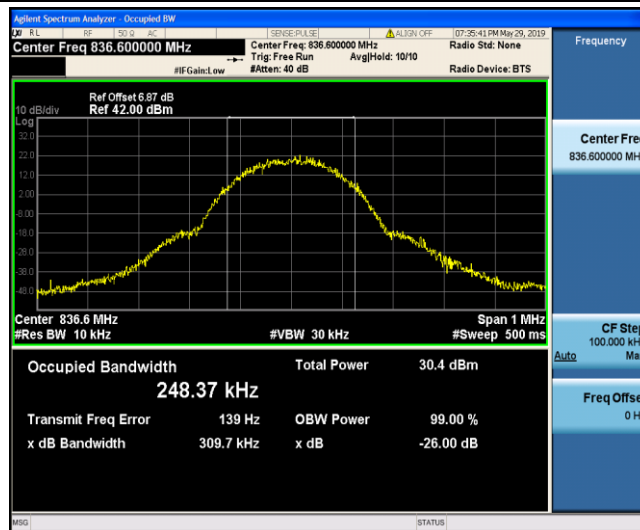
GPRS850_190



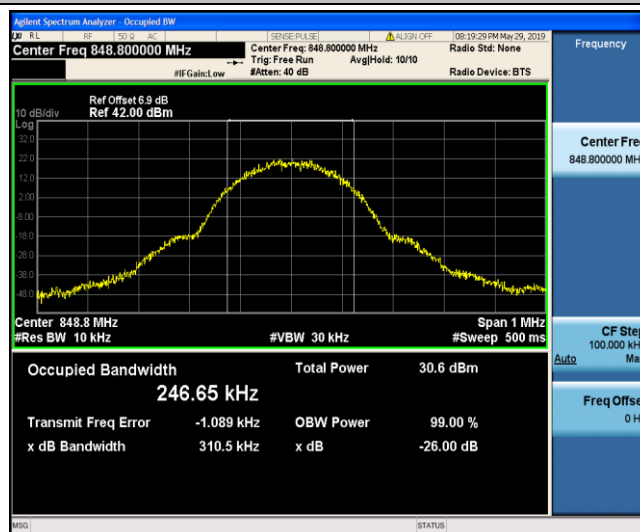
GPRS850_251



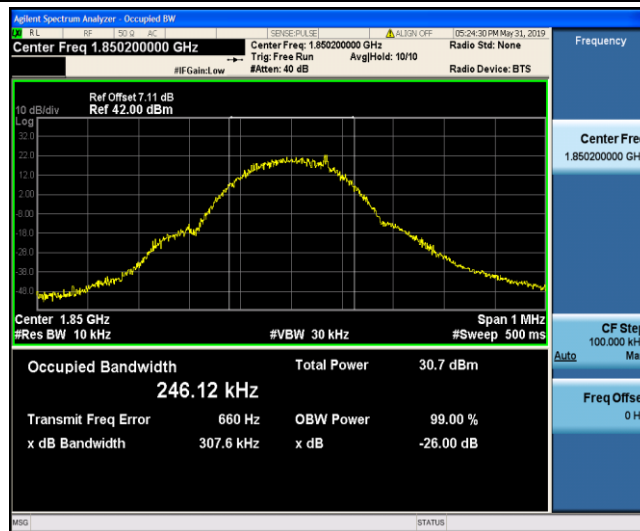
EGPRS850_128



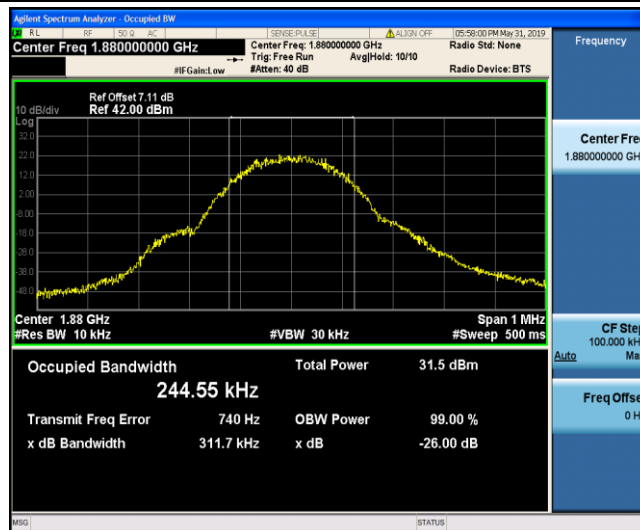
EGPRS850_190



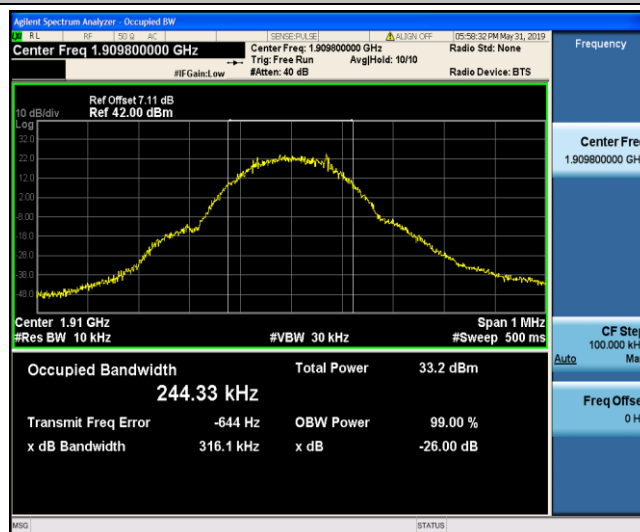
EGPRS850_251



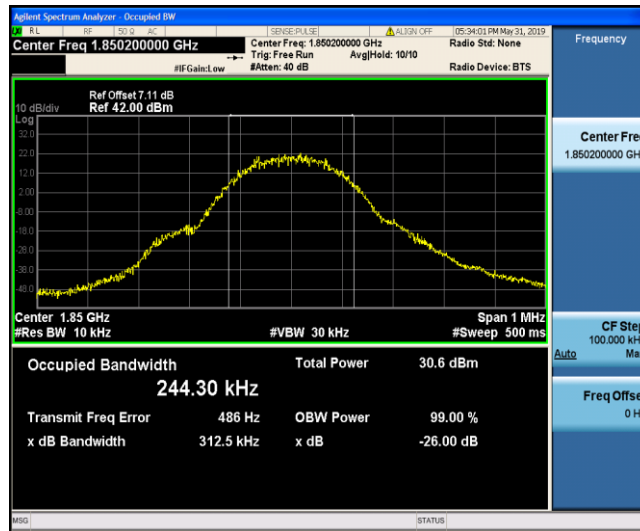
GSM1900_512



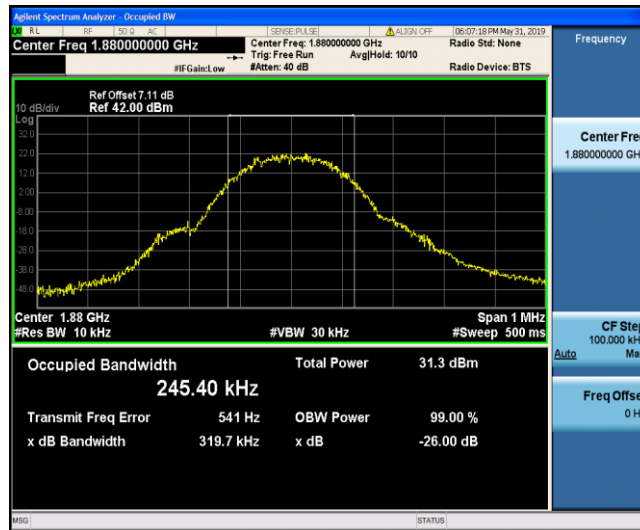
GSM1900_661



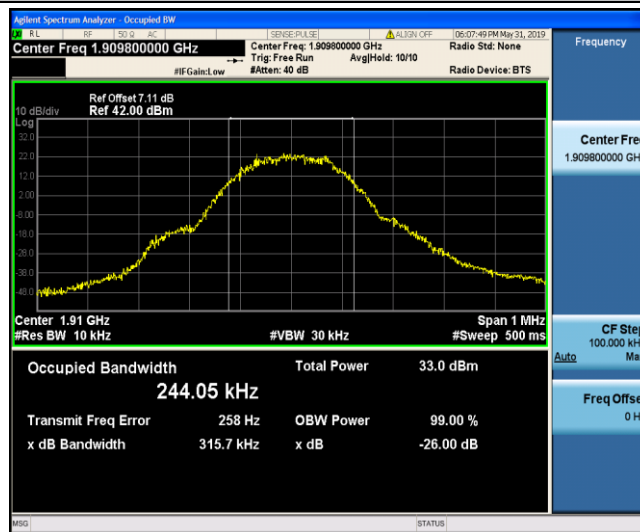
GSM1900_810



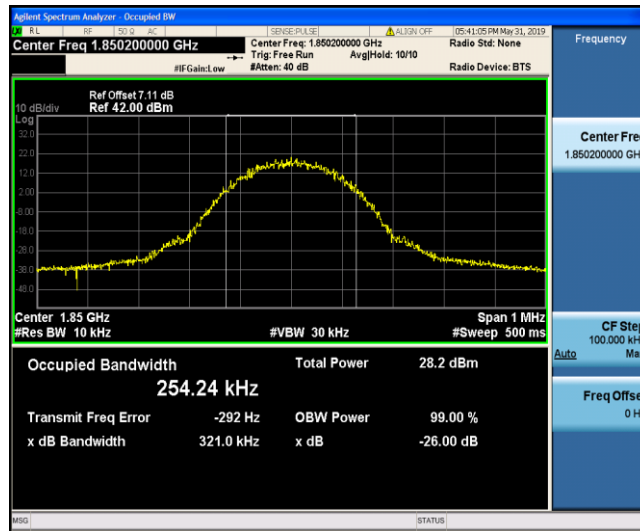
GPRS1900_512



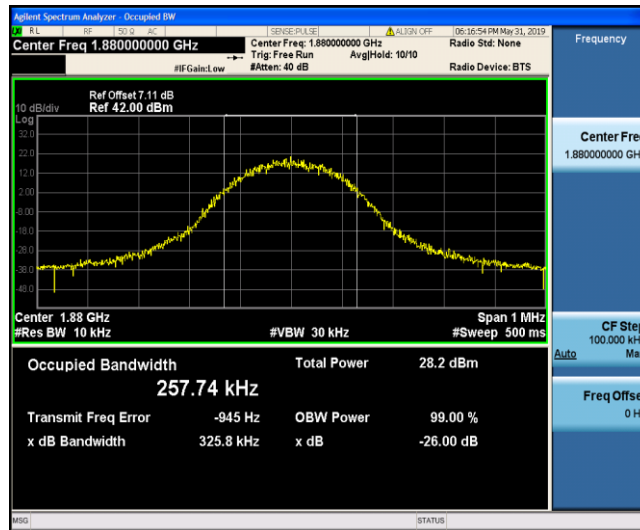
GPRS1900_661



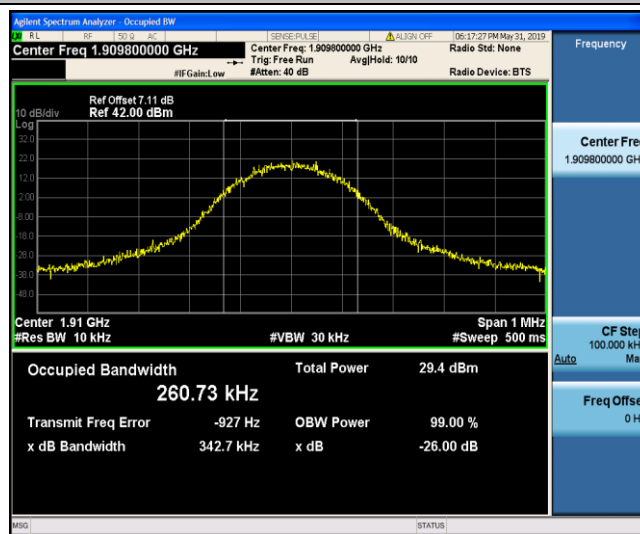
GPRS1900_810



EGPRS1900_512



EGPRS1900_661



EGPRS1900_810



8.4 Appendix D: Band Edge

Test Result

| Band | Channel | Value(dBm) | Limit(dBm) | Verdict |
|-----------|---------|------------|------------|---------|
| GSM850 | 128 | -27.13 | -13 | PASS |
| GSM850 | 251 | -27.83 | -13 | PASS |
| GPRS850 | 128 | -26.95 | -13 | PASS |
| GPRS850 | 251 | -26.09 | -13 | PASS |
| EGPRS850 | 128 | -39.02 | -13 | PASS |
| EGPRS850 | 251 | -37.74 | -13 | PASS |
| GSM1900 | 512 | -35.57 | -13 | PASS |
| GSM1900 | 810 | -31.29 | -13 | PASS |
| GPRS1900 | 512 | -36.94 | -13 | PASS |
| GPRS1900 | 810 | -33.45 | -13 | PASS |
| EGPRS1900 | 512 | -40.67 | -13 | PASS |
| EGPRS1900 | 810 | -35.44 | -13 | PASS |



Test Graphs



GSM850_128



GSM850_251



GPRS850_128



GPRS850_251



EGPRS850_128



EGPRS850_251