

Appendix A: Test Data For E-UTRA Band 2

A.1: RF Output Power

| Channel Bandwidth: 1.4 MHz | | | | | | |
|----------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 21.20 | | PASS |
| | | 1 | 3 | 21.26 | | PASS |
| | | 1 | 5 | 21.29 | | PASS |
| | | 3 | 0 | 21.20 | | PASS |
| | | 3 | 2 | 21.25 | | PASS |
| | | 3 | 3 | 21.18 | | PASS |
| | | 6 | 0 | 20.19 | | PASS |
| | MCH | 1 | 0 | 21.12 | | PASS |
| | | 1 | 3 | 21.19 | | PASS |
| | | 1 | 5 | 21.01 | | PASS |
| | | 3 | 0 | 21.16 | | PASS |
| | | 3 | 2 | 21.20 | | PASS |
| | | 3 | 3 | 21.14 | | PASS |
| | | 6 | 0 | 20.14 | | PASS |
| | HCH | 1 | 0 | 20.99 | | PASS |
| | | 1 | 3 | 20.99 | | PASS |
| | | 1 | 5 | 20.99 | | PASS |
| | | 3 | 0 | 21.08 | | PASS |
| | | 3 | 2 | 21.03 | | PASS |
| | | 3 | 3 | 21.01 | | PASS |
| | | 6 | 0 | 20.06 | | PASS |
| 16QAM | LCH | 1 | 0 | 19.30 | | PASS |
| | | 1 | 3 | 19.36 | | PASS |
| | | 1 | 5 | 19.35 | | PASS |
| | | 3 | 0 | 19.64 | | PASS |
| | | 3 | 2 | 19.54 | | PASS |
| | | 3 | 3 | 19.49 | | PASS |
| | | 6 | 0 | 19.31 | | PASS |
| | MCH | 1 | 0 | 20.36 | | PASS |
| | | 1 | 3 | 20.73 | | PASS |
| | | 1 | 5 | 20.50 | | PASS |
| | | 3 | 0 | 20.78 | | PASS |
| | | 3 | 2 | 20.84 | | PASS |
| | | 3 | 3 | 20.79 | | PASS |
| | | 6 | 0 | 19.65 | | PASS |
| | HCH | 1 | 0 | 20.03 | | PASS |
| | | 1 | 3 | 20.06 | | PASS |
| | | 1 | 5 | 20.03 | | PASS |

| | | | | | | |
|--|--|---|---|-------|--|------|
| | | 3 | 0 | 20.74 | | PASS |
| | | 3 | 2 | 20.71 | | PASS |
| | | 3 | 3 | 20.73 | | PASS |
| | | 6 | 0 | 20.02 | | PASS |

| Channel Bandwidth: 3 MHz | | | | | | |
|--------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 21.35 | | PASS |
| | | 1 | 7 | 21.42 | | PASS |
| | | 1 | 14 | 21.54 | | PASS |
| | | 8 | 0 | 20.34 | | PASS |
| | | 8 | 4 | 20.48 | | PASS |
| | | 8 | 7 | 20.40 | | PASS |
| | | 15 | 0 | 20.35 | | PASS |
| | MCH | 1 | 0 | 21.67 | | PASS |
| | | 1 | 7 | 21.52 | | PASS |
| | | 1 | 14 | 21.55 | | PASS |
| | | 8 | 0 | 20.72 | | PASS |
| | | 8 | 4 | 20.73 | | PASS |
| | | 8 | 7 | 20.60 | | PASS |
| | | 15 | 0 | 20.68 | | PASS |
| | HCH | 1 | 0 | 21.35 | | PASS |
| | | 1 | 7 | 21.36 | | PASS |
| | | 1 | 14 | 21.46 | | PASS |
| | | 8 | 0 | 20.39 | | PASS |
| | | 8 | 4 | 20.41 | | PASS |
| | | 8 | 7 | 20.43 | | PASS |
| | | 15 | 0 | 20.35 | | PASS |
| 16QAM | LCH | 1 | 0 | 20.21 | | PASS |
| | | 1 | 7 | 20.34 | | PASS |
| | | 1 | 14 | 20.32 | | PASS |
| | | 8 | 0 | 19.43 | | PASS |
| | | 8 | 4 | 19.52 | | PASS |
| | | 8 | 7 | 19.45 | | PASS |
| | | 15 | 0 | 19.41 | | PASS |
| | MCH | 1 | 0 | 20.51 | | PASS |
| | | 1 | 7 | 20.51 | | PASS |
| | | 1 | 14 | 20.46 | | PASS |
| | | 8 | 0 | 19.62 | | PASS |
| | | 8 | 4 | 19.64 | | PASS |
| | | 8 | 7 | 19.62 | | PASS |
| | | 15 | 0 | 19.58 | | PASS |
| | HCH | 1 | 0 | 20.19 | | PASS |

| | | | | | | |
|--|--|----|----|-------|--|------|
| | | 1 | 7 | 20.30 | | PASS |
| | | 1 | 14 | 20.40 | | PASS |
| | | 8 | 0 | 20.81 | | PASS |
| | | 8 | 4 | 20.86 | | PASS |
| | | 8 | 7 | 20.78 | | PASS |
| | | 15 | 0 | 20.96 | | PASS |

| Channel Bandwidth: 5 MHz | | | | | | |
|--------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 21.47 | | PASS |
| | | 1 | 12 | 21.55 | | PASS |
| | | 1 | 24 | 21.18 | | PASS |
| | | 12 | 0 | 20.18 | | PASS |
| | | 12 | 6 | 20.03 | | PASS |
| | | 12 | 13 | 21.51 | | PASS |
| | | 25 | 0 | 21.47 | | PASS |
| | MCH | 1 | 0 | 20.73 | | PASS |
| | | 1 | 12 | 21.28 | | PASS |
| | | 1 | 24 | 21.04 | | PASS |
| | | 12 | 0 | 20.14 | | PASS |
| | | 12 | 6 | 20.29 | | PASS |
| | | 12 | 13 | 20.13 | | PASS |
| | | 25 | 0 | 20.19 | | PASS |
| | HCH | 1 | 0 | 20.26 | | PASS |
| | | 1 | 12 | 20.10 | | PASS |
| | | 1 | 24 | 20.20 | | PASS |
| | | 12 | 0 | 20.28 | | PASS |
| | | 12 | 6 | 20.88 | | PASS |
| | | 12 | 13 | 20.14 | | PASS |
| | | 25 | 0 | 20.31 | | PASS |
| 16QAM | LCH | 1 | 0 | 20.10 | | PASS |
| | | 1 | 12 | 20.16 | | PASS |
| | | 1 | 24 | 20.69 | | PASS |
| | | 12 | 0 | 19.08 | | PASS |
| | | 12 | 6 | 19.13 | | PASS |
| | | 12 | 13 | 20.57 | | PASS |
| | | 25 | 0 | 20.51 | | PASS |
| | MCH | 1 | 0 | 20.13 | | PASS |
| | | 1 | 12 | 20.77 | | PASS |
| | | 1 | 24 | 20.66 | | PASS |
| | | 12 | 0 | 19.37 | | PASS |
| | | 12 | 6 | 19.37 | | PASS |
| | | 12 | 13 | 19.19 | | PASS |

| | | | | | | |
|--|-----|----|----|-------|--|------|
| | | 25 | 0 | 19.07 | | PASS |
| | HCH | 1 | 0 | 19.31 | | PASS |
| | | 1 | 12 | 19.66 | | PASS |
| | | 1 | 24 | 19.73 | | PASS |
| | | 12 | 0 | 19.13 | | PASS |
| | | 12 | 6 | 19.80 | | PASS |
| | | 12 | 13 | 19.05 | | PASS |
| | | 25 | 0 | 19.42 | | PASS |

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 20.99 | | PASS |
| | | 1 | 24 | 21.26 | | PASS |
| | | 1 | 49 | 21.76 | | PASS |
| | | 25 | 0 | 21.51 | | PASS |
| | | 25 | 12 | 21.23 | | PASS |
| | | 25 | 25 | 21.11 | | PASS |
| | | 50 | 0 | 21.27 | | PASS |
| | MCH | 1 | 0 | 21.02 | | PASS |
| | | 1 | 24 | 21.12 | | PASS |
| | | 1 | 49 | 20.66 | | PASS |
| | | 25 | 0 | 20.39 | | PASS |
| | | 25 | 12 | 20.13 | | PASS |
| | | 25 | 25 | 20.17 | | PASS |
| | | 50 | 0 | 20.07 | | PASS |
| | HCH | 1 | 0 | 20.10 | | PASS |
| | | 1 | 24 | 20.27 | | PASS |
| | | 1 | 49 | 20.11 | | PASS |
| | | 25 | 0 | 20.50 | | PASS |
| | | 25 | 12 | 20.22 | | PASS |
| | | 25 | 25 | 20.48 | | PASS |
| | | 50 | 0 | 20.23 | | PASS |
| 16QAM | LCH | 1 | 0 | 19.95 | | PASS |
| | | 1 | 24 | 20.27 | | PASS |
| | | 1 | 49 | 20.12 | | PASS |
| | | 25 | 0 | 20.47 | | PASS |
| | | 25 | 12 | 20.29 | | PASS |
| | | 25 | 25 | 20.18 | | PASS |
| | | 50 | 0 | 20.32 | | PASS |
| | MCH | 1 | 0 | 19.36 | | PASS |
| | | 1 | 24 | 20.49 | | PASS |
| | | 1 | 49 | 20.14 | | PASS |
| | | 25 | 0 | 19.26 | | PASS |

| | | | | | | |
|--|-----|----|----|-------|--|------|
| | | 25 | 12 | 19.11 | | PASS |
| | | 25 | 25 | 18.93 | | PASS |
| | | 50 | 0 | 19.03 | | PASS |
| | HCH | 1 | 0 | 19.40 | | PASS |
| | | 1 | 24 | 19.80 | | PASS |
| | | 1 | 49 | 19.23 | | PASS |
| | | 25 | 0 | 18.58 | | PASS |
| | | 25 | 12 | 19.39 | | PASS |
| | | 25 | 25 | 19.98 | | PASS |
| | | 50 | 0 | 19.24 | | PASS |

| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 19.53 | | PASS |
| | | 1 | 37 | 20.90 | | PASS |
| | | 1 | 74 | 19.04 | | PASS |
| | | 37 | 0 | 19.77 | | PASS |
| | | 37 | 18 | 19.60 | | PASS |
| | | 37 | 38 | 19.70 | | PASS |
| | | 75 | 0 | 19.68 | | PASS |
| | MCH | 1 | 0 | 19.31 | | PASS |
| | | 1 | 37 | 20.45 | | PASS |
| | | 1 | 74 | 19.93 | | PASS |
| | | 37 | 0 | 19.90 | | PASS |
| | | 37 | 18 | 19.50 | | PASS |
| | | 37 | 38 | 19.33 | | PASS |
| | | 75 | 0 | 19.55 | | PASS |
| | HCH | 1 | 0 | 19.39 | | PASS |
| | | 1 | 37 | 18.99 | | PASS |
| | | 1 | 74 | 19.77 | | PASS |
| | | 37 | 0 | 19.00 | | PASS |
| | | 37 | 18 | 19.07 | | PASS |
| | | 37 | 38 | 19.72 | | PASS |
| | | 75 | 0 | 19.32 | | PASS |
| 16QAM | LCH | 1 | 0 | 18.43 | | PASS |
| | | 1 | 37 | 18.63 | | PASS |
| | | 1 | 74 | 18.49 | | PASS |
| | | 37 | 0 | 18.80 | | PASS |
| | | 37 | 18 | 18.65 | | PASS |
| | | 37 | 38 | 18.89 | | PASS |
| | | 75 | 0 | 18.68 | | PASS |
| | MCH | 1 | 0 | 18.73 | | PASS |
| | | 1 | 37 | 19.51 | | PASS |

| | | | | | | |
|--|-----|----|----|-------|--|------|
| | | 1 | 74 | 19.07 | | PASS |
| | | 37 | 0 | 18.88 | | PASS |
| | | 37 | 18 | 18.57 | | PASS |
| | | 37 | 38 | 18.28 | | PASS |
| | | 75 | 0 | 18.45 | | PASS |
| | HCH | 1 | 0 | 18.84 | | PASS |
| | | 1 | 37 | 18.42 | | PASS |
| | | 1 | 74 | 18.88 | | PASS |
| | | 37 | 0 | 18.14 | | PASS |
| | | 37 | 18 | 18.25 | | PASS |
| | | 37 | 38 | 18.99 | | PASS |
| | | 75 | 0 | 18.39 | | PASS |

| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Average Power [dBm] | E.i.r.p [dBm] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 19.16 | | PASS |
| | | 1 | 49 | 20.48 | | PASS |
| | | 1 | 99 | 20.25 | | PASS |
| | | 50 | 0 | 19.83 | | PASS |
| | | 50 | 25 | 20.17 | | PASS |
| | | 50 | 50 | 20.42 | | PASS |
| | | 100 | 0 | 20.18 | | PASS |
| | MCH | 1 | 0 | 20.85 | | PASS |
| | | 1 | 49 | 20.40 | | PASS |
| | | 1 | 99 | 20.26 | | PASS |
| | | 50 | 0 | 19.21 | | PASS |
| | | 50 | 25 | 19.21 | | PASS |
| | | 50 | 50 | 19.11 | | PASS |
| | | 100 | 0 | 19.16 | | PASS |
| | HCH | 1 | 0 | 20.56 | | PASS |
| | | 1 | 49 | 20.43 | | PASS |
| | | 1 | 99 | 19.92 | | PASS |
| | | 50 | 0 | 19.79 | | PASS |
| | | 50 | 25 | 20.14 | | PASS |
| | | 50 | 50 | 20.42 | | PASS |
| | | 100 | 0 | 20.01 | | PASS |
| 16QAM | LCH | 1 | 0 | 17.98 | | PASS |
| | | 1 | 49 | 19.09 | | PASS |
| | | 1 | 99 | 19.30 | | PASS |
| | | 50 | 0 | 18.86 | | PASS |
| | | 50 | 25 | 19.17 | | PASS |
| | | 50 | 50 | 19.34 | | PASS |
| | | 100 | 0 | 19.12 | | PASS |

| | | | | | | |
|--|-----|-----|----|-------|--|------|
| | MCH | 1 | 0 | 19.04 | | PASS |
| | | 1 | 49 | 19.26 | | PASS |
| | | 1 | 99 | 18.97 | | PASS |
| | | 50 | 0 | 18.15 | | PASS |
| | | 50 | 25 | 18.09 | | PASS |
| | | 50 | 50 | 18.03 | | PASS |
| | | 100 | 0 | 18.14 | | PASS |
| | HCH | 1 | 0 | 19.50 | | PASS |
| | | 1 | 49 | 19.36 | | PASS |
| | | 1 | 99 | 19.08 | | PASS |
| | | 50 | 0 | 18.84 | | PASS |
| | | 50 | 25 | 19.24 | | PASS |
| | | 50 | 50 | 19.47 | | PASS |
| | | 100 | 0 | 18.97 | | PASS |

A.2: Peak-to-Average Ratio

| Channel Bandwidth: 1.4 MHz | | | | | | |
|----------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio (dB) | Limit (dB) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.82 | <13 | PASS |
| | | 1 | 3 | 5.27 | <13 | PASS |
| | | 1 | 5 | 5.23 | <13 | PASS |
| | | 3 | 0 | 5.2 | <13 | PASS |
| | | 3 | 2 | 5.16 | <13 | PASS |
| | | 3 | 3 | 5.19 | <13 | PASS |
| | | 6 | 0 | 5.72 | <13 | PASS |
| | MCH | 1 | 0 | 3.25 | <13 | PASS |
| | | 1 | 3 | 3.19 | <13 | PASS |
| | | 1 | 5 | 3.14 | <13 | PASS |
| | | 3 | 0 | 3.31 | <13 | PASS |
| | | 3 | 2 | 3.21 | <13 | PASS |
| | | 3 | 3 | 3.23 | <13 | PASS |
| | | 6 | 0 | 4.52 | <13 | PASS |
| | HCH | 1 | 0 | 5.18 | <13 | PASS |
| | | 1 | 3 | 5.22 | <13 | PASS |
| | | 1 | 5 | 5.25 | <13 | PASS |
| | | 3 | 0 | 5.34 | <13 | PASS |
| | | 3 | 2 | 5.26 | <13 | PASS |
| | | 3 | 3 | 5.36 | <13 | PASS |
| | | 6 | 0 | 5.64 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 6.25 | <13 | PASS |
| | | 1 | 3 | 6.28 | <13 | PASS |
| | | 1 | 5 | 6.31 | <13 | PASS |
| | | 3 | 0 | 6.28 | <13 | PASS |
| | | 3 | 2 | 6.3 | <13 | PASS |
| | | 3 | 3 | 6.29 | <13 | PASS |
| | | 6 | 0 | 6.69 | <13 | PASS |
| | MCH | 1 | 0 | 4.61 | <13 | PASS |
| | | 1 | 3 | 4.61 | <13 | PASS |
| | | 1 | 5 | 4.6 | <13 | PASS |
| | | 3 | 0 | 4.32 | <13 | PASS |
| | | 3 | 2 | 4.19 | <13 | PASS |
| | | 3 | 3 | 4.34 | <13 | PASS |
| | | 6 | 0 | 5.52 | <13 | PASS |
| | HCH | 1 | 0 | 6.34 | <13 | PASS |
| | | 1 | 3 | 6.33 | <13 | PASS |
| | | 1 | 5 | 6.38 | <13 | PASS |
| | | 3 | 0 | 6.33 | <13 | PASS |

| | | | | | | |
|--|--|---|---|------|-----|------|
| | | 3 | 2 | 6.26 | <13 | PASS |
| | | 3 | 3 | 6.3 | <13 | PASS |
| | | 6 | 0 | 6.61 | <13 | PASS |

| Channel Bandwidth: 3 MHz | | | | | | |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 5.24 | <13 | PASS |
| | | 1 | 7 | 5.21 | <13 | PASS |
| | | 1 | 14 | 5.27 | <13 | PASS |
| | | 8 | 0 | 5.65 | <13 | PASS |
| | | 8 | 4 | 5.64 | <13 | PASS |
| | | 8 | 7 | 5.73 | <13 | PASS |
| | | 15 | 0 | 5.69 | <13 | PASS |
| | MCH | 1 | 0 | 3.09 | <13 | PASS |
| | | 1 | 7 | 2.92 | <13 | PASS |
| | | 1 | 14 | 2.93 | <13 | PASS |
| | | 8 | 0 | 4.52 | <13 | PASS |
| | | 8 | 4 | 4.29 | <13 | PASS |
| | | 8 | 7 | 4.43 | <13 | PASS |
| | | 15 | 0 | 4.82 | <13 | PASS |
| | HCH | 1 | 0 | 4.8 | <13 | PASS |
| | | 1 | 7 | 4.75 | <13 | PASS |
| | | 1 | 14 | 4.9 | <13 | PASS |
| | | 8 | 0 | 5.67 | <13 | PASS |
| | | 8 | 4 | 5.61 | <13 | PASS |
| | | 8 | 7 | 5.69 | <13 | PASS |
| | | 15 | 0 | 5.7 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 6.42 | <13 | PASS |
| | | 1 | 7 | 6.29 | <13 | PASS |
| | | 1 | 14 | 6.24 | <13 | PASS |
| | | 8 | 0 | 6.37 | <13 | PASS |
| | | 8 | 4 | 6.47 | <13 | PASS |
| | | 8 | 7 | 6.49 | <13 | PASS |
| | | 15 | 0 | 6.68 | <13 | PASS |
| | MCH | 1 | 0 | 4.64 | <13 | PASS |
| | | 1 | 7 | 4.51 | <13 | PASS |
| | | 1 | 14 | 4.47 | <13 | PASS |
| | | 8 | 0 | 5.4 | <13 | PASS |
| | | 8 | 4 | 5.34 | <13 | PASS |
| | | 8 | 7 | 5.39 | <13 | PASS |
| | | 15 | 0 | 5.75 | <13 | PASS |
| | HCH | 1 | 0 | 6.38 | <13 | PASS |
| | | 1 | 7 | 6.29 | <13 | PASS |

| | | | | | | |
|--|--|----|----|------|-----|------|
| | | 1 | 14 | 6.29 | <13 | PASS |
| | | 8 | 0 | 6.41 | <13 | PASS |
| | | 8 | 4 | 6.33 | <13 | PASS |
| | | 8 | 7 | 6.38 | <13 | PASS |
| | | 15 | 0 | 6.52 | <13 | PASS |

| Channel Bandwidth: 5 MHz | | | | | | |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.71 | <13 | PASS |
| | | 1 | 12 | 4.7 | <13 | PASS |
| | | 1 | 24 | 3.63 | <13 | PASS |
| | | 12 | 0 | 5.61 | <13 | PASS |
| | | 12 | 6 | 5.63 | <13 | PASS |
| | | 12 | 13 | 5.05 | <13 | PASS |
| | | 25 | 0 | 5.2 | <13 | PASS |
| | MCH | 1 | 0 | 3.79 | <13 | PASS |
| | | 1 | 12 | 3.25 | <13 | PASS |
| | | 1 | 24 | 3.22 | <13 | PASS |
| | | 12 | 0 | 4.42 | <13 | PASS |
| | | 12 | 6 | 4.22 | <13 | PASS |
| | | 12 | 13 | 4.27 | <13 | PASS |
| | | 25 | 0 | 4.78 | <13 | PASS |
| | HCH | 1 | 0 | 4.72 | <13 | PASS |
| | | 1 | 12 | 5.18 | <13 | PASS |
| | | 1 | 24 | 5.17 | <13 | PASS |
| | | 12 | 0 | 5.01 | <13 | PASS |
| | | 12 | 6 | 5.53 | <13 | PASS |
| | | 12 | 13 | 5.63 | <13 | PASS |
| | | 25 | 0 | 5.19 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 6.3 | <13 | PASS |
| | | 1 | 12 | 6.24 | <13 | PASS |
| | | 1 | 24 | 5.41 | <13 | PASS |
| | | 12 | 0 | 6.48 | <13 | PASS |
| | | 12 | 6 | 6.45 | <13 | PASS |
| | | 12 | 13 | 5.97 | <13 | PASS |
| | | 25 | 0 | 6.05 | <13 | PASS |
| | MCH | 1 | 0 | 4.85 | <13 | PASS |
| | | 1 | 12 | 4.63 | <13 | PASS |
| | | 1 | 24 | 4.51 | <13 | PASS |
| | | 12 | 0 | 5.44 | <13 | PASS |
| | | 12 | 6 | 5.27 | <13 | PASS |
| | | 12 | 13 | 5.27 | <13 | PASS |
| | | 25 | 0 | 5.65 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | HCH | 1 | 0 | 5.41 | <13 | PASS |
| | | 1 | 12 | 6.21 | <13 | PASS |
| | | 1 | 24 | 6.2 | <13 | PASS |
| | | 12 | 0 | 5.98 | <13 | PASS |
| | | 12 | 6 | 6.59 | <13 | PASS |
| | | 12 | 13 | 6.65 | <13 | PASS |
| | | 25 | 0 | 6.08 | <13 | PASS |

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.78 | <13 | PASS |
| | | 1 | 24 | 3.72 | <13 | PASS |
| | | 1 | 49 | 4.22 | <13 | PASS |
| | | 25 | 0 | 5.05 | <13 | PASS |
| | | 25 | 12 | 5.16 | <13 | PASS |
| | | 25 | 25 | 5.32 | <13 | PASS |
| | | 50 | 0 | 5.28 | <13 | PASS |
| | MCH | 1 | 0 | 4.46 | <13 | PASS |
| | | 1 | 24 | 2.76 | <13 | PASS |
| | | 1 | 49 | 3.06 | <13 | PASS |
| | | 25 | 0 | 4.63 | <13 | PASS |
| | | 25 | 12 | 4.37 | <13 | PASS |
| | | 25 | 25 | 4.48 | <13 | PASS |
| | | 50 | 0 | 4.95 | <13 | PASS |
| | HCH | 1 | 0 | 5.08 | <13 | PASS |
| | | 1 | 24 | 4.28 | <13 | PASS |
| | | 1 | 49 | 4.71 | <13 | PASS |
| | | 25 | 0 | 5.1 | <13 | PASS |
| | | 25 | 12 | 4.95 | <13 | PASS |
| | | 25 | 25 | 5.14 | <13 | PASS |
| | | 50 | 0 | 5.28 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 5.88 | <13 | PASS |
| | | 1 | 24 | 5.43 | <13 | PASS |
| | | 1 | 49 | 5.87 | <13 | PASS |
| | | 25 | 0 | 5.94 | <13 | PASS |
| | | 25 | 12 | 6.02 | <13 | PASS |
| | | 25 | 25 | 6.19 | <13 | PASS |
| | | 50 | 0 | 6.05 | <13 | PASS |
| | MCH | 1 | 0 | 5.62 | <13 | PASS |
| | | 1 | 24 | 3.79 | <13 | PASS |
| | | 1 | 49 | 4.2 | <13 | PASS |
| | | 25 | 0 | 5.62 | <13 | PASS |
| | | 25 | 12 | 5.33 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | | 25 | 25 | 5.35 | <13 | PASS |
| | | 50 | 0 | 5.76 | <13 | PASS |
| | HCH | 1 | 0 | 6.1 | <13 | PASS |
| | | 1 | 24 | 5.41 | <13 | PASS |
| | | 1 | 49 | 6.25 | <13 | PASS |
| | | 25 | 0 | 5.94 | <13 | PASS |
| | | 25 | 12 | 5.57 | <13 | PASS |
| | | 25 | 25 | 6.03 | <13 | PASS |
| | | 50 | 0 | 6.11 | <13 | PASS |

| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 5.72 | <13 | PASS |
| | | 1 | 37 | 3.96 | <13 | PASS |
| | | 1 | 74 | 5.57 | <13 | PASS |
| | | 37 | 0 | 4.59 | <13 | PASS |
| | | 37 | 18 | 5.4 | <13 | PASS |
| | | 37 | 38 | 4.84 | <13 | PASS |
| | | 75 | 0 | 4.78 | <13 | PASS |
| | MCH | 1 | 0 | 5.61 | <13 | PASS |
| | | 1 | 37 | 3.25 | <13 | PASS |
| | | 1 | 74 | 5.05 | <13 | PASS |
| | | 37 | 0 | 4.49 | <13 | PASS |
| | | 37 | 18 | 4.74 | <13 | PASS |
| | | 37 | 38 | 4.63 | <13 | PASS |
| | | 75 | 0 | 4.9 | <13 | PASS |
| | HCH | 1 | 0 | 5.64 | <13 | PASS |
| | | 1 | 37 | 4.95 | <13 | PASS |
| | | 1 | 74 | 5.98 | <13 | PASS |
| | | 37 | 0 | 4.62 | <13 | PASS |
| | | 37 | 18 | 5.18 | <13 | PASS |
| | | 37 | 38 | 4.78 | <13 | PASS |
| | | 75 | 0 | 5.09 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 6.93 | <13 | PASS |
| | | 1 | 37 | 5.61 | <13 | PASS |
| | | 1 | 74 | 6.22 | <13 | PASS |
| | | 37 | 0 | 5.8 | <13 | PASS |
| | | 37 | 18 | 6.18 | <13 | PASS |
| | | 37 | 38 | 6.02 | <13 | PASS |
| | | 75 | 0 | 6.11 | <13 | PASS |
| | MCH | 1 | 0 | 6.49 | <13 | PASS |
| | | 1 | 37 | 3.8 | <13 | PASS |
| | | 1 | 74 | 5.77 | <13 | PASS |

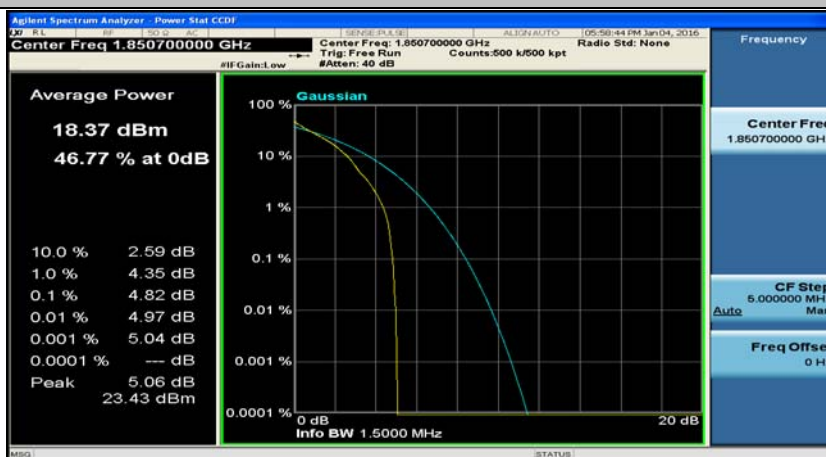
| | | | | | | |
|--|-----|----|----|------|-----|------|
| | | 37 | 0 | 5.72 | <13 | PASS |
| | | 37 | 18 | 5.62 | <13 | PASS |
| | | 37 | 38 | 5.85 | <13 | PASS |
| | | 75 | 0 | 6.08 | <13 | PASS |
| | HCH | 1 | 0 | 6.74 | <13 | PASS |
| | | 1 | 37 | 5.96 | <13 | PASS |
| | | 1 | 74 | 7.01 | <13 | PASS |
| | | 37 | 0 | 5.92 | <13 | PASS |
| | | 37 | 18 | 6.05 | <13 | PASS |
| | | 37 | 38 | 6.03 | <13 | PASS |
| | | 75 | 0 | 6.26 | <13 | PASS |

| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 3.37 | <13 | PASS |
| | | 1 | 49 | 4.06 | <13 | PASS |
| | | 1 | 99 | 3.15 | <13 | PASS |
| | | 50 | 0 | 5.43 | <13 | PASS |
| | | 50 | 25 | 5.38 | <13 | PASS |
| | | 50 | 50 | 5.75 | <13 | PASS |
| | | 100 | 0 | 5.76 | <13 | PASS |
| | MCH | 1 | 0 | 3.43 | <13 | PASS |
| | | 1 | 49 | 2.73 | <13 | PASS |
| | | 1 | 99 | 4.28 | <13 | PASS |
| | | 50 | 0 | 5.36 | <13 | PASS |
| | | 50 | 25 | 4.92 | <13 | PASS |
| | | 50 | 50 | 5.85 | <13 | PASS |
| | | 100 | 0 | 5.66 | <13 | PASS |
| | HCH | 1 | 0 | 4.14 | <13 | PASS |
| | | 1 | 49 | 5.07 | <13 | PASS |
| | | 1 | 99 | 4.41 | <13 | PASS |
| | | 50 | 0 | 5.4 | <13 | PASS |
| | | 50 | 25 | 5.49 | <13 | PASS |
| | | 50 | 50 | 5.91 | <13 | PASS |
| | | 100 | 0 | 5.84 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 3.24 | <13 | PASS |
| | | 1 | 49 | 5.13 | <13 | PASS |
| | | 1 | 99 | 3.13 | <13 | PASS |
| | | 50 | 0 | 6.53 | <13 | PASS |
| | | 50 | 25 | 6.24 | <13 | PASS |
| | | 50 | 50 | 6.55 | <13 | PASS |
| | | 100 | 0 | 6.67 | <13 | PASS |
| | MCH | 1 | 0 | 3.44 | <13 | PASS |

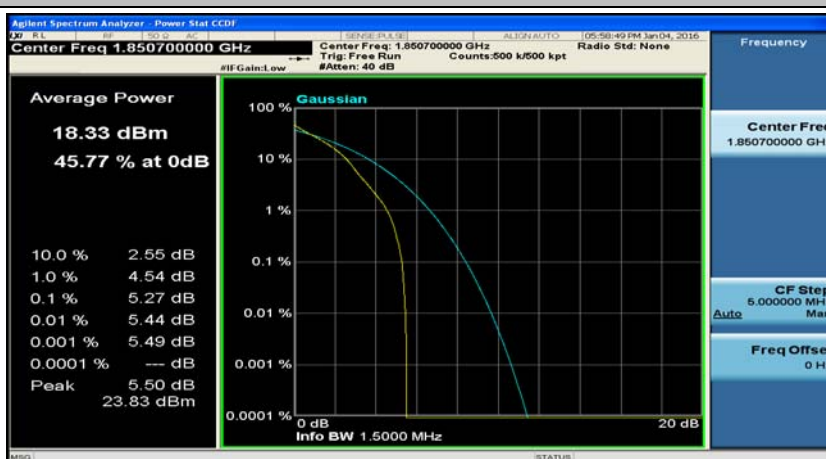
| | | | | | | |
|--|-----|-----|----|------|-----|------|
| | | 1 | 49 | 3.77 | <13 | PASS |
| | | 1 | 99 | 3.63 | <13 | PASS |
| | | 50 | 0 | 6.33 | <13 | PASS |
| | | 50 | 25 | 5.75 | <13 | PASS |
| | | 50 | 50 | 6.6 | <13 | PASS |
| | | 100 | 0 | 6.74 | <13 | PASS |
| | HCH | 1 | 0 | 4.43 | <13 | PASS |
| | | 1 | 49 | 5.76 | <13 | PASS |
| | | 1 | 99 | 4.09 | <13 | PASS |
| | | 50 | 0 | 6.54 | <13 | PASS |
| | | 50 | 25 | 6.19 | <13 | PASS |
| | | 50 | 50 | 6.62 | <13 | PASS |
| | | 100 | 0 | 6.79 | <13 | PASS |

Test Graphs

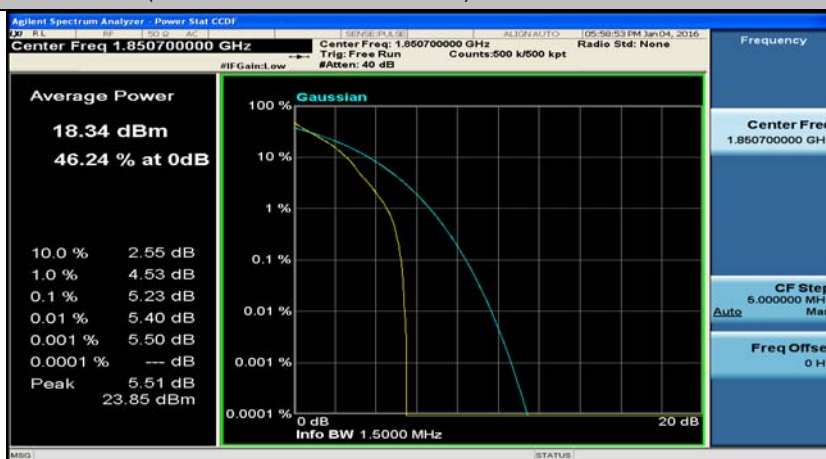
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



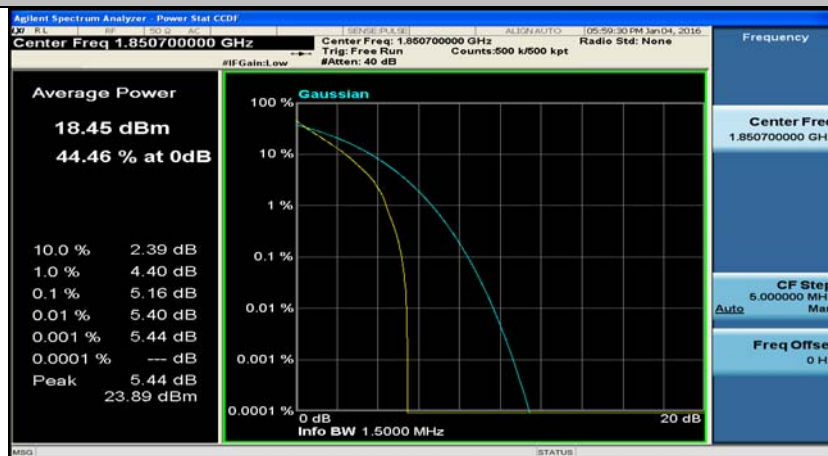
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



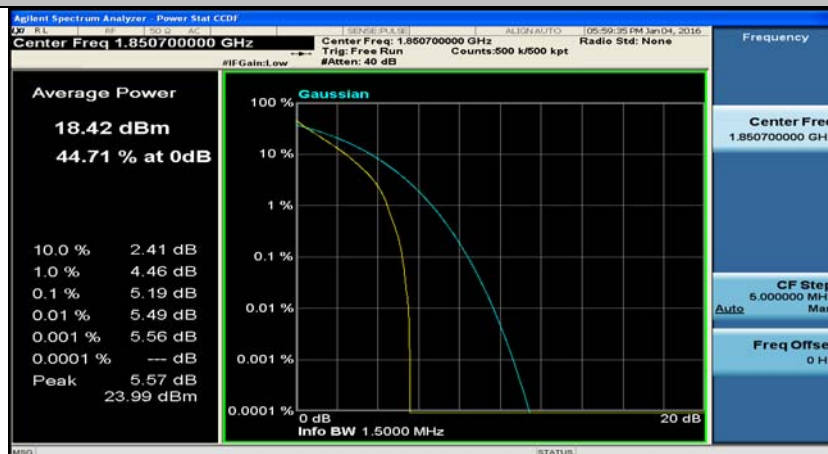
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0



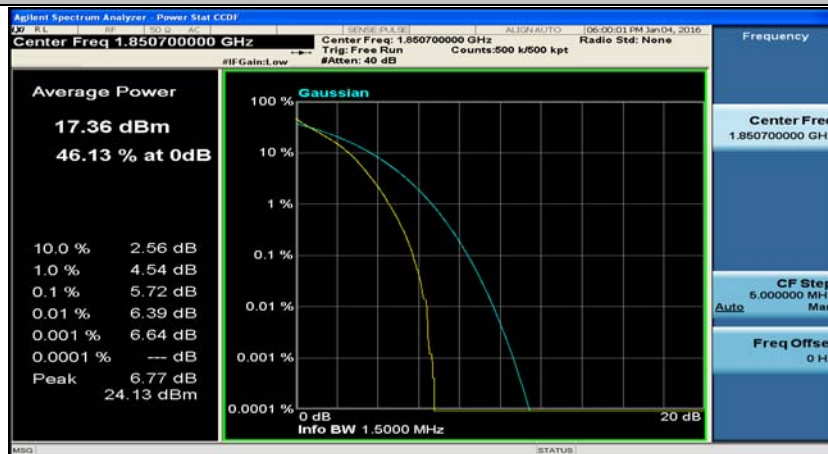
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2



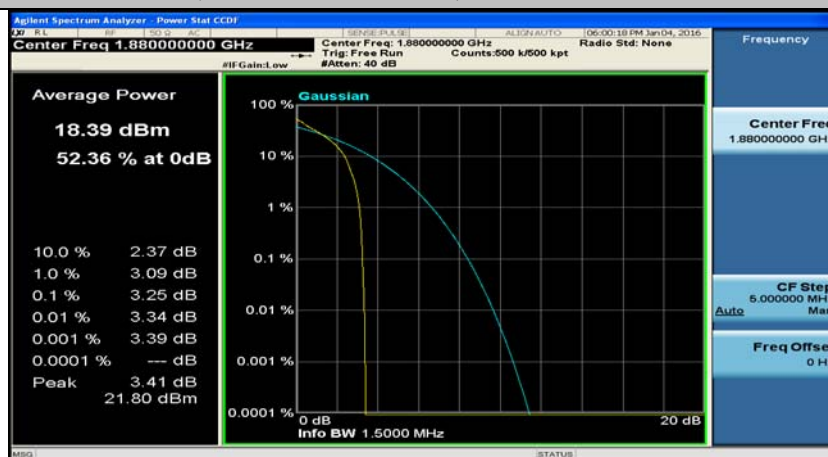
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3



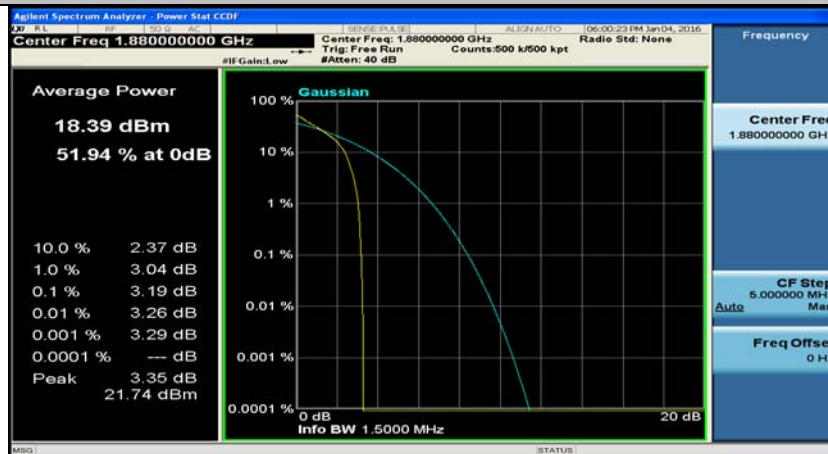
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



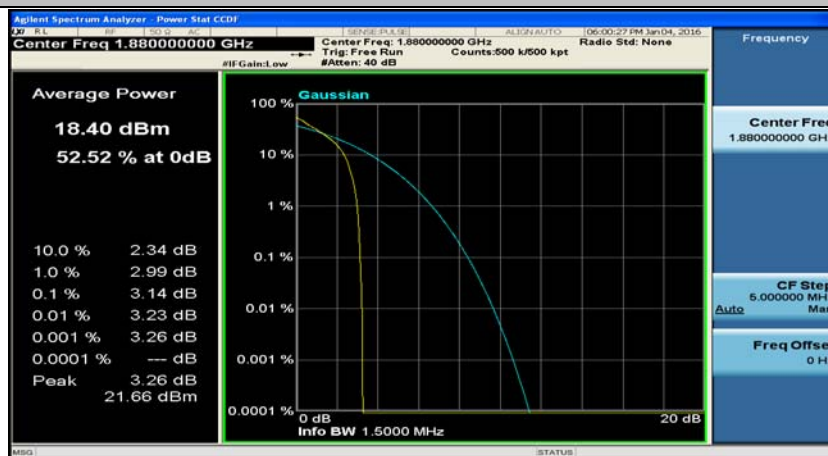
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



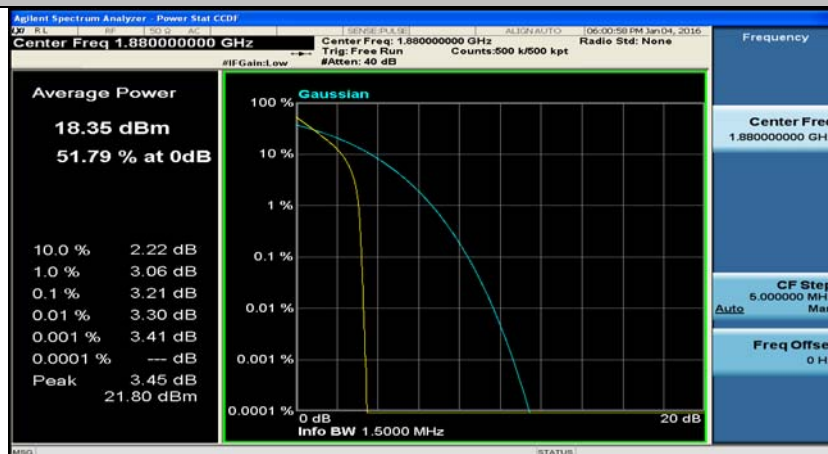
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2



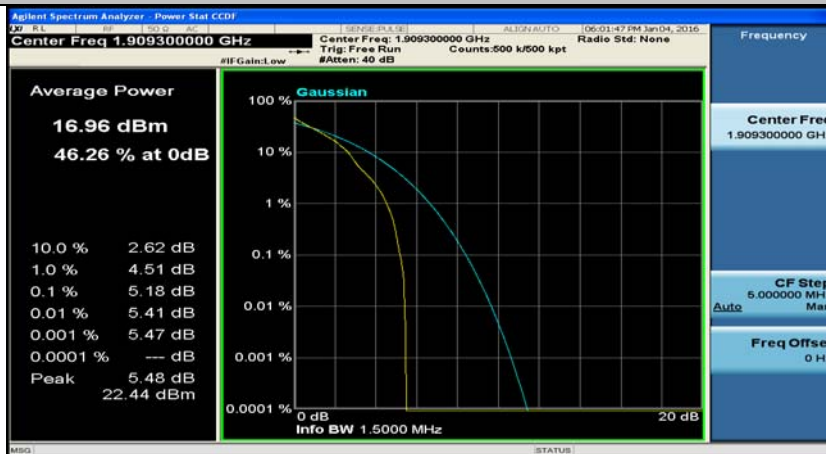
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3



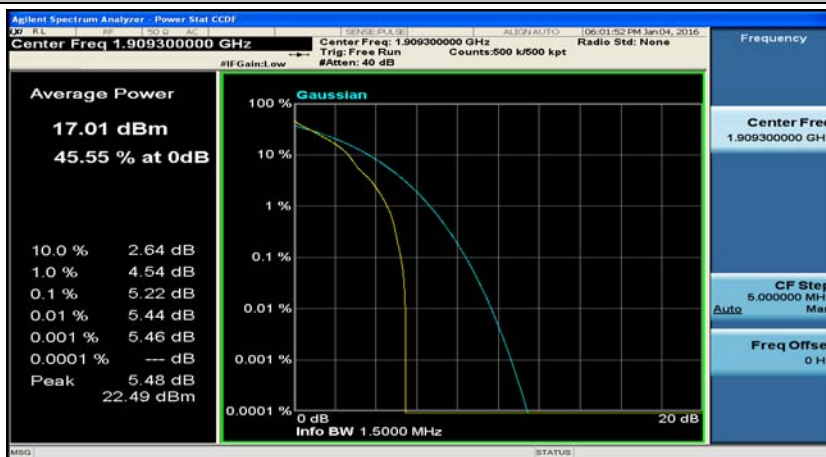
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



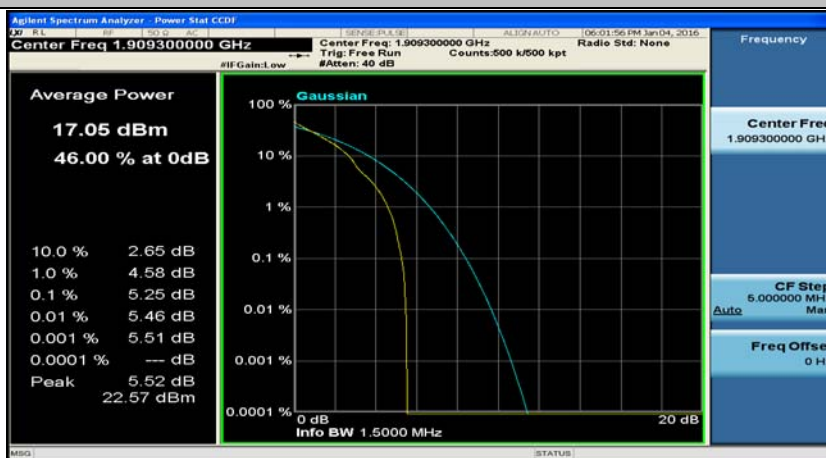
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



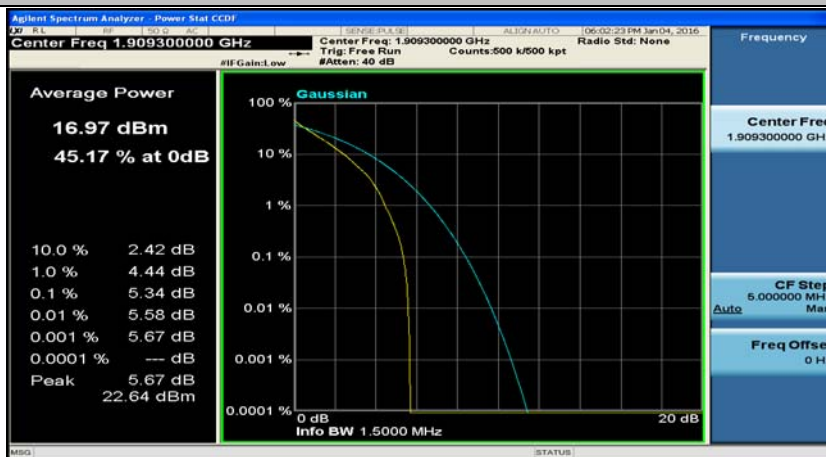
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



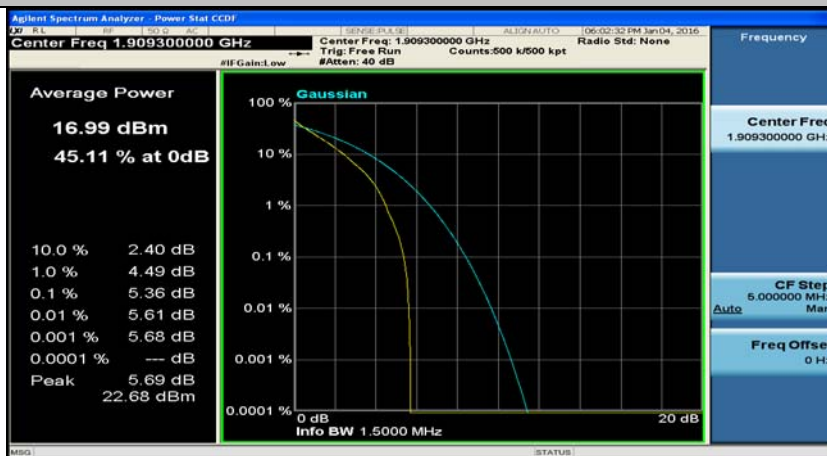
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2



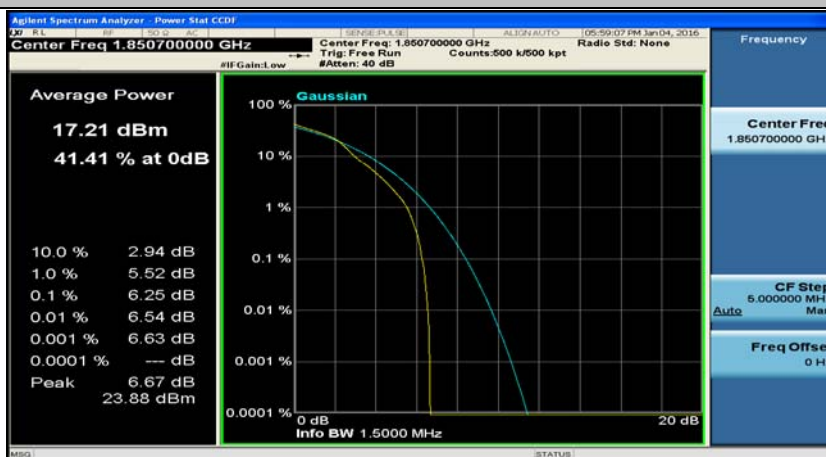
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3



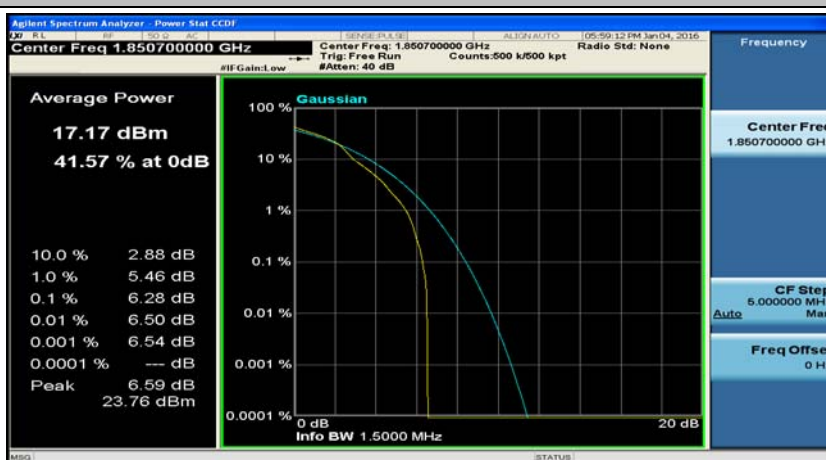
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



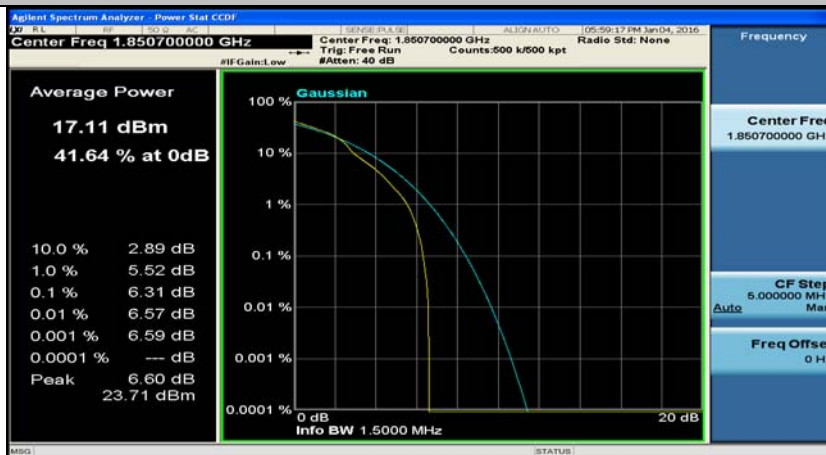
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3



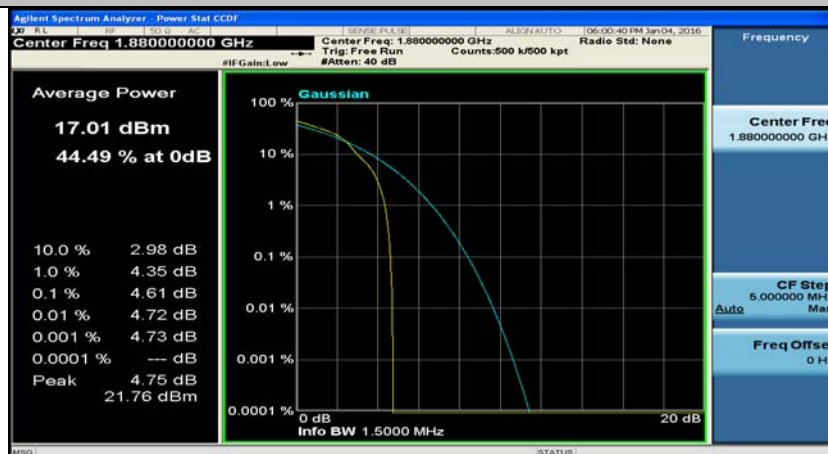
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



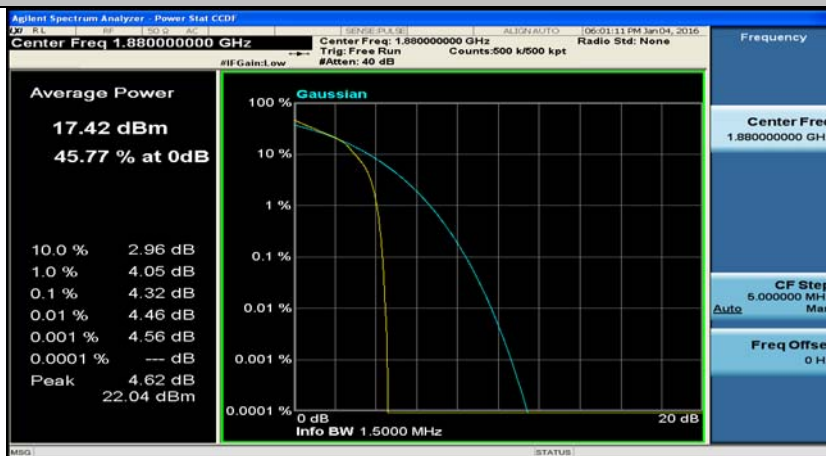
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



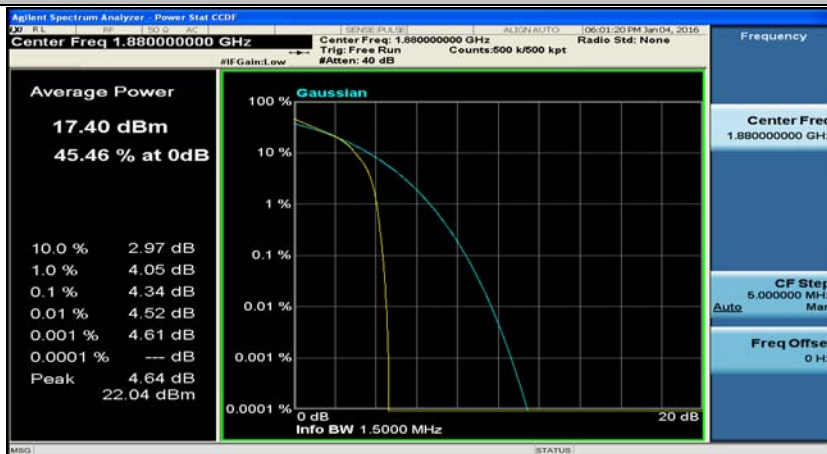
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#0



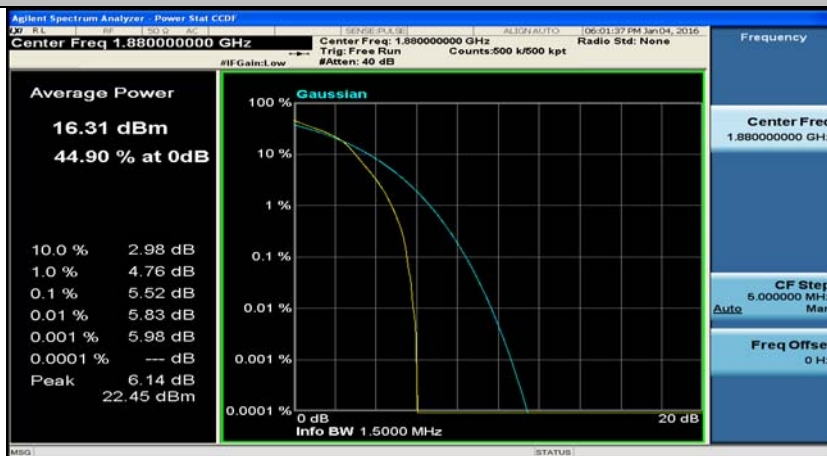
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#2



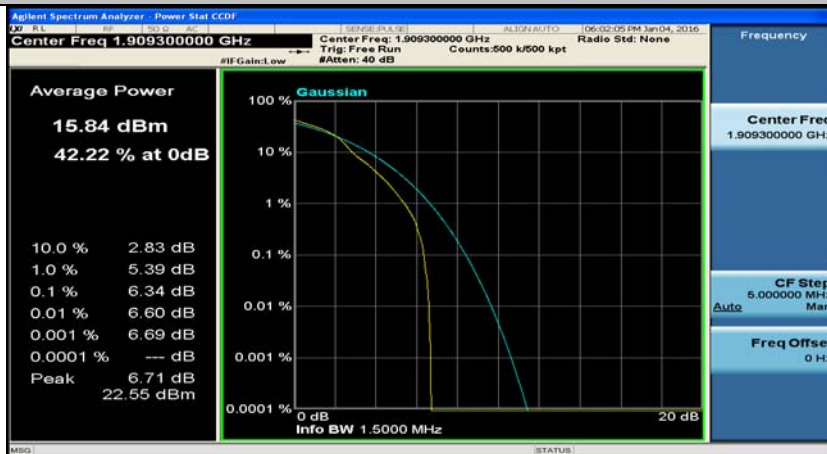
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_3RB#3



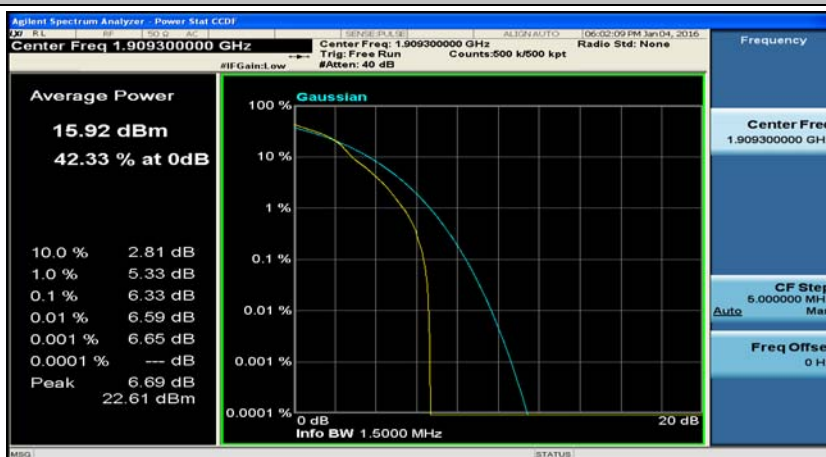
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



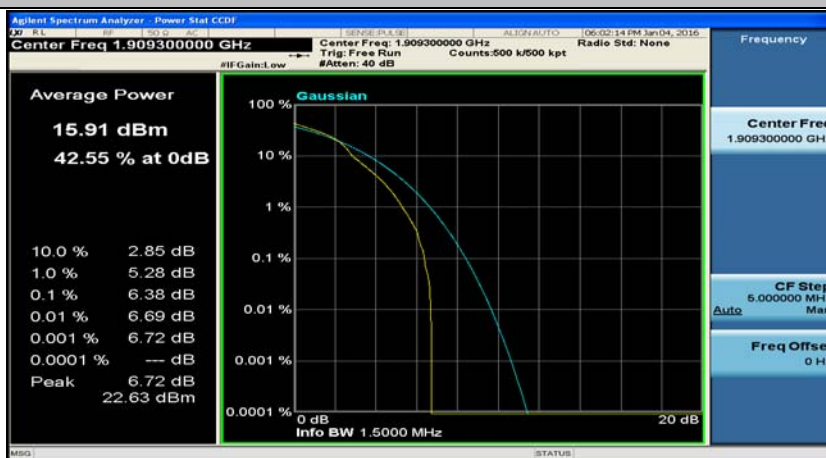
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3



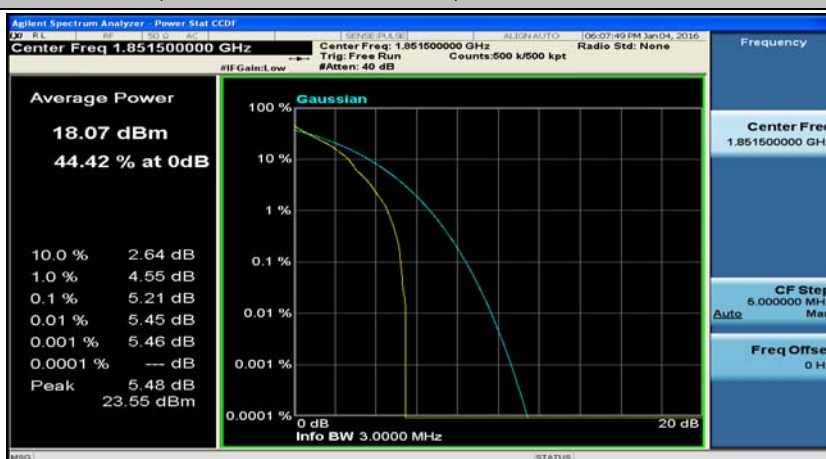
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



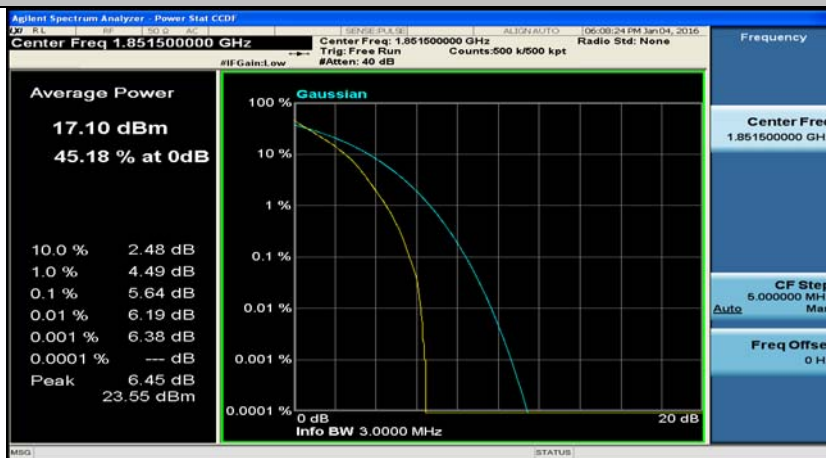
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



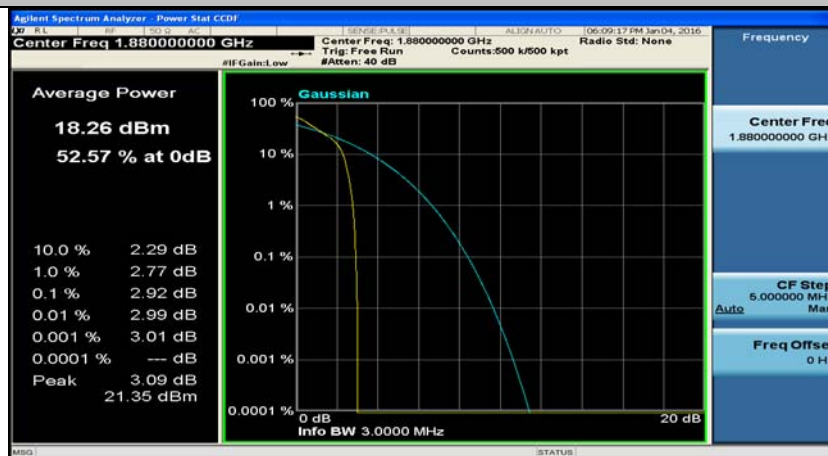
(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



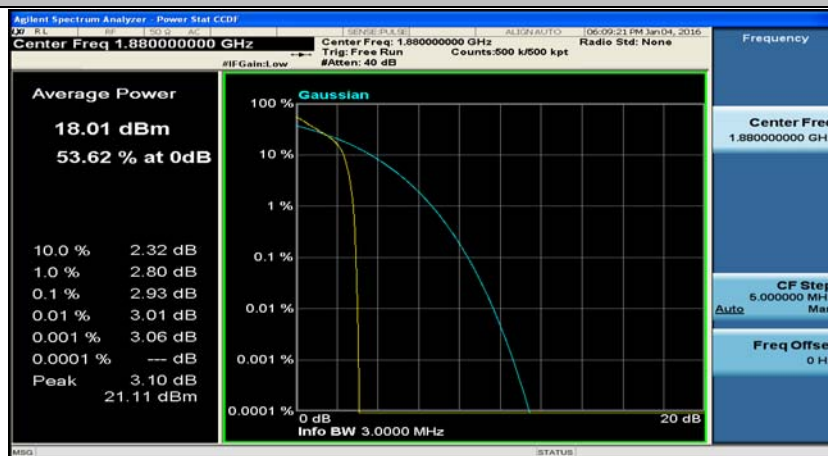
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



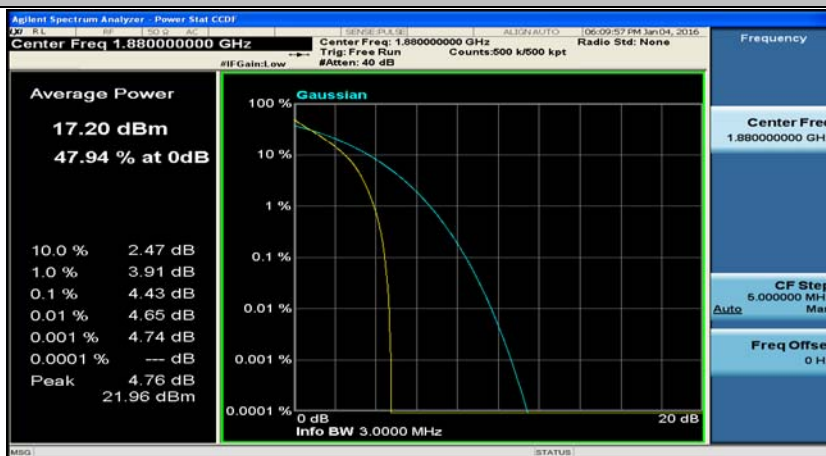
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4



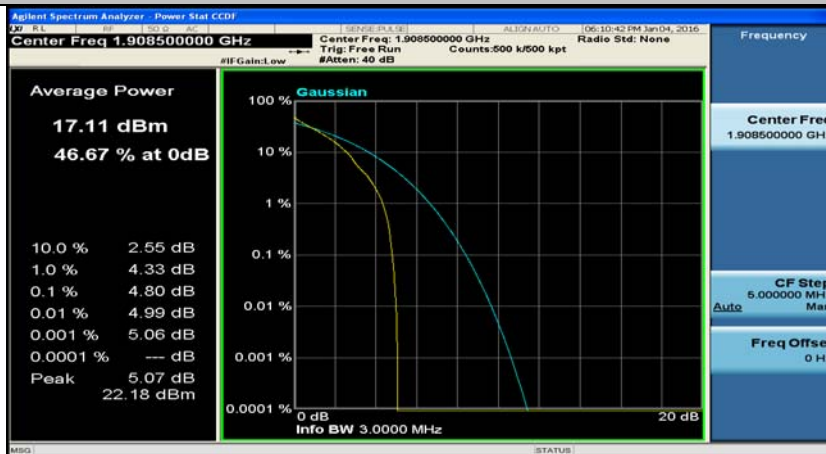
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



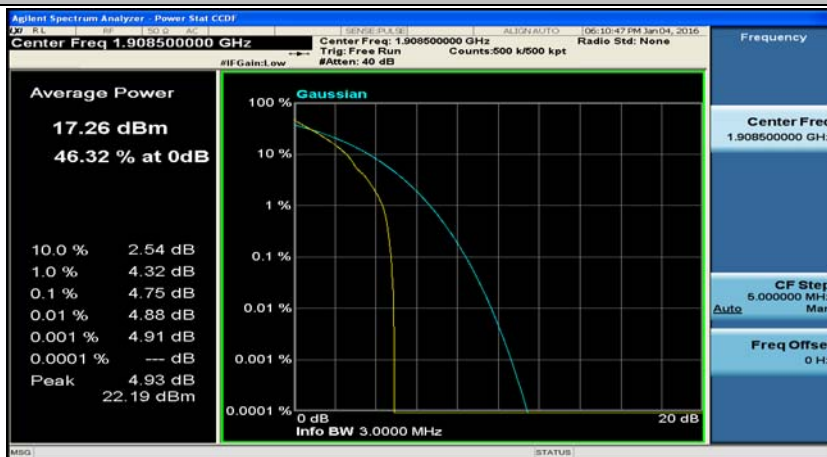
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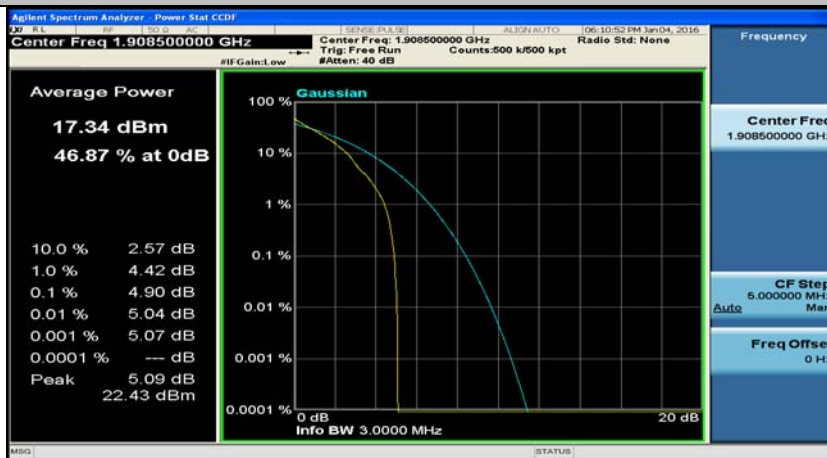
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



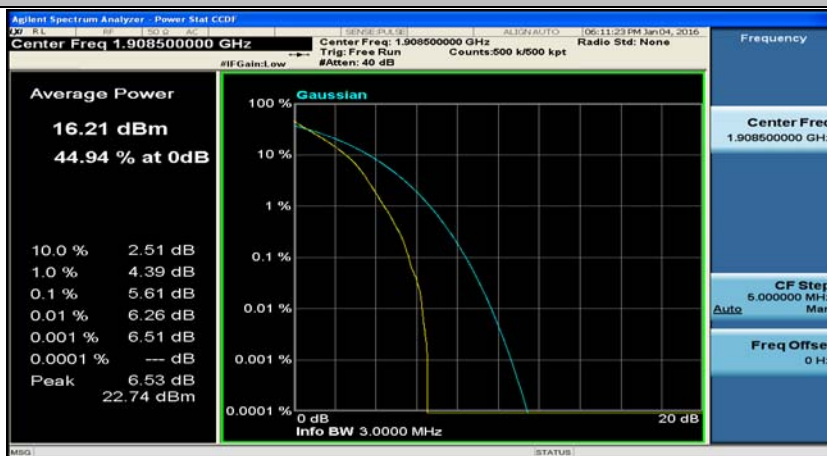
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



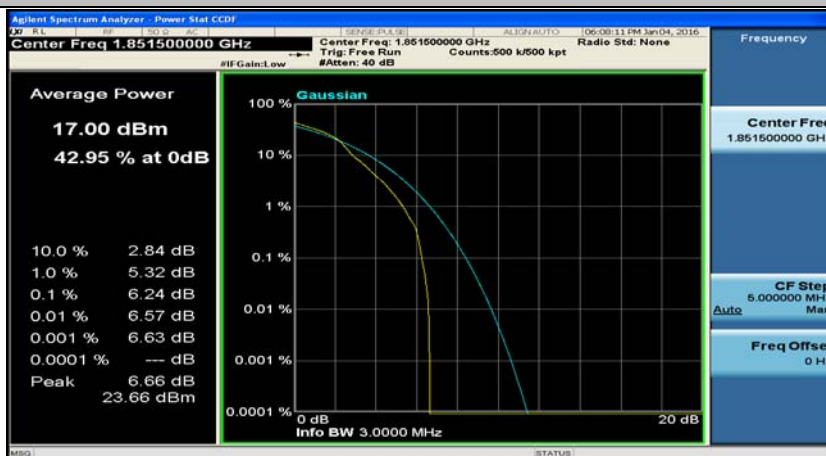
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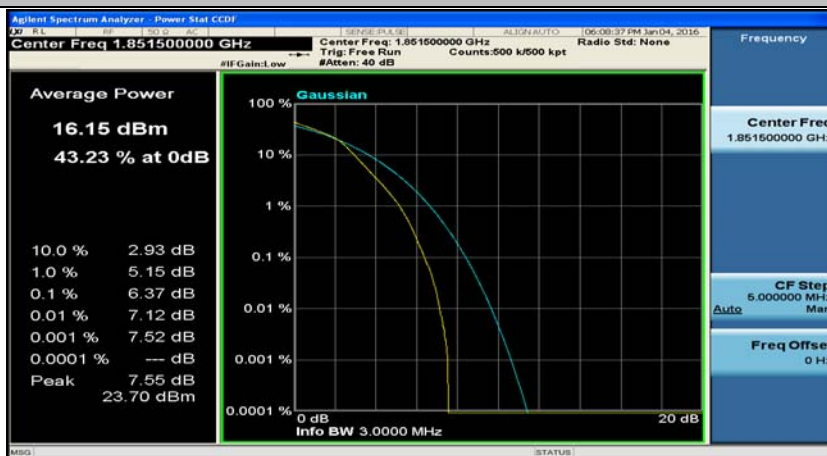
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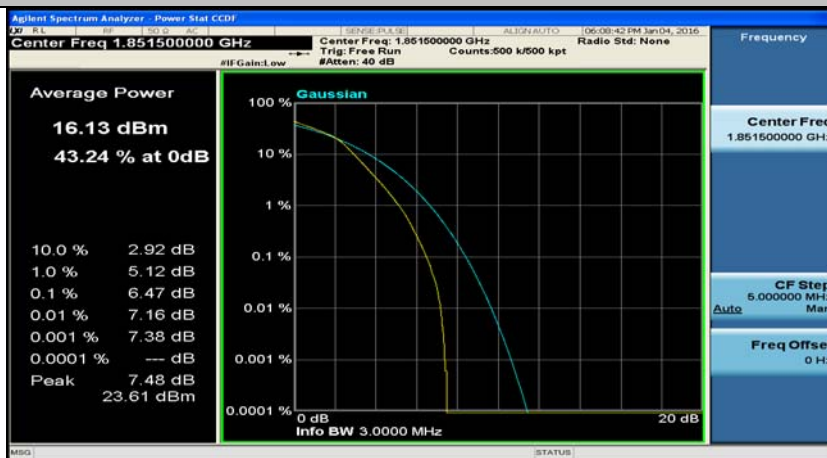
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7



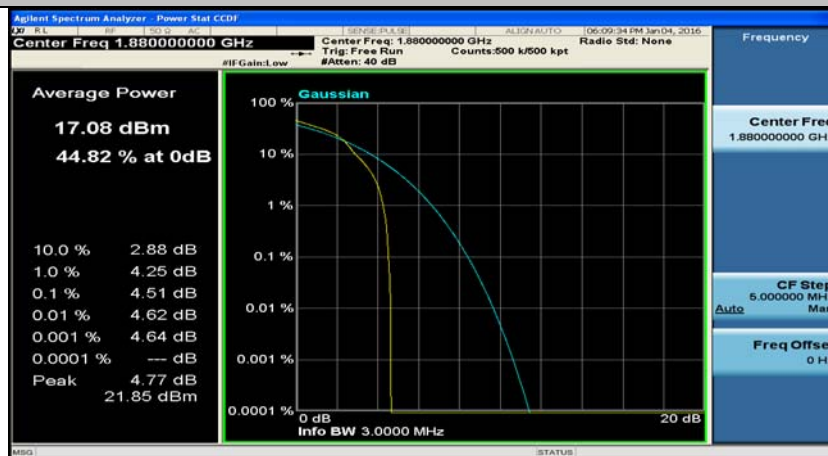
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0



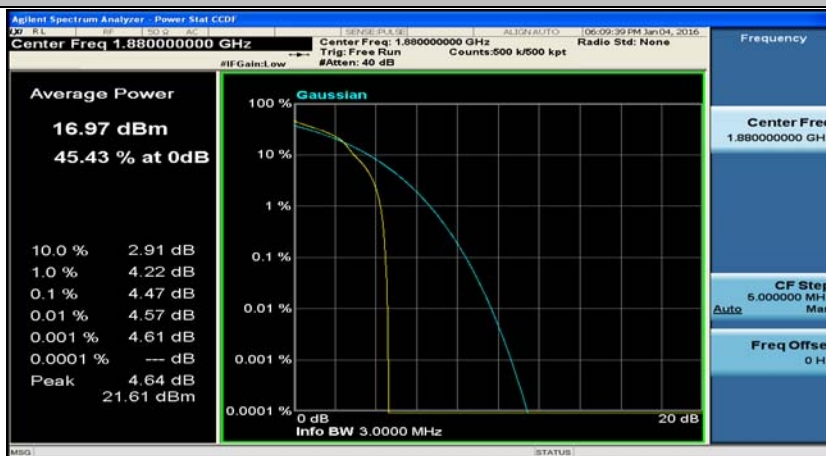
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



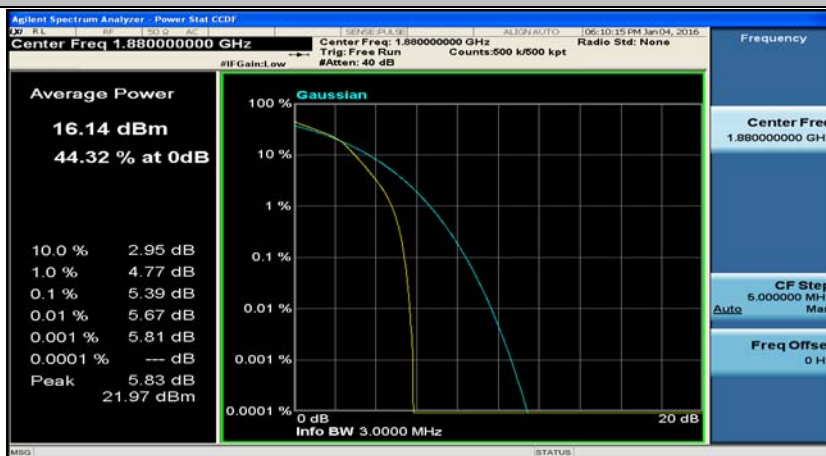
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



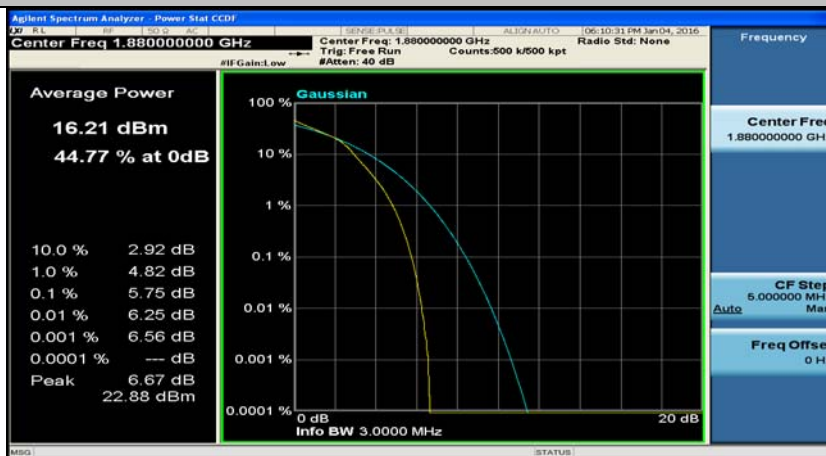
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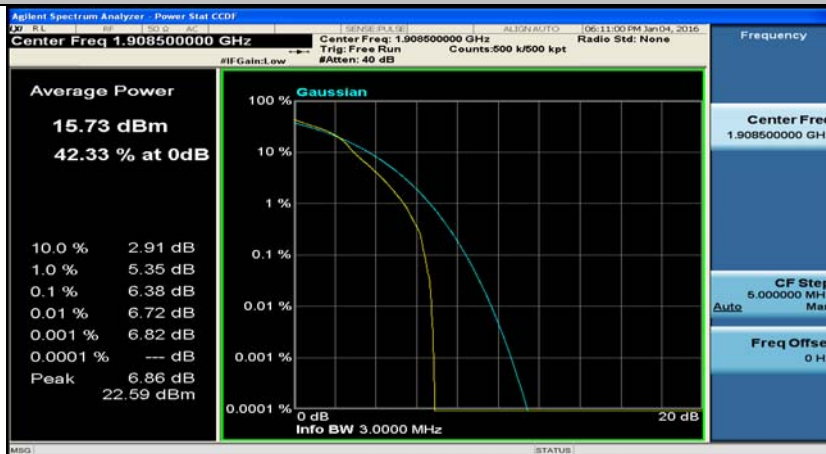
(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0



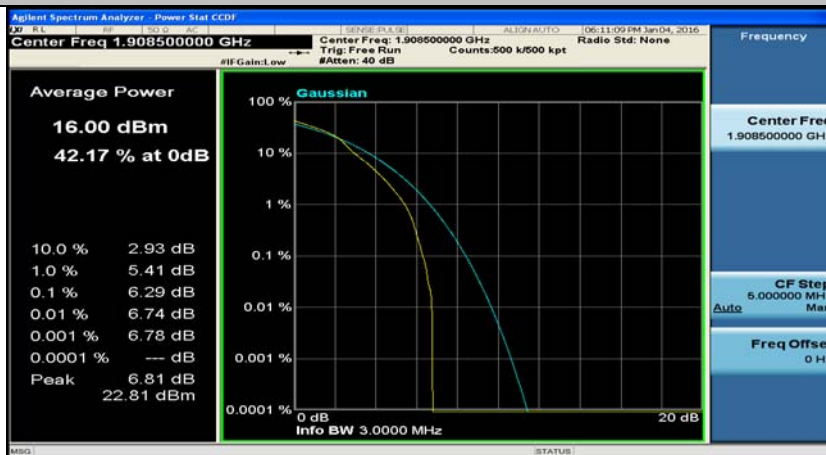
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



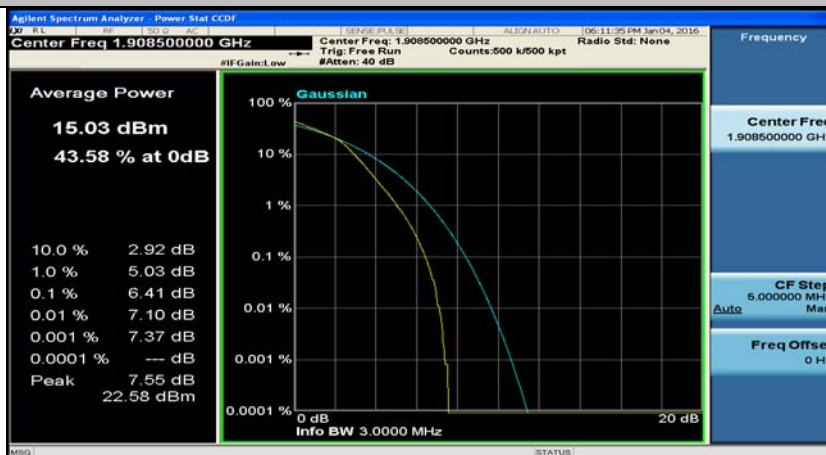
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4



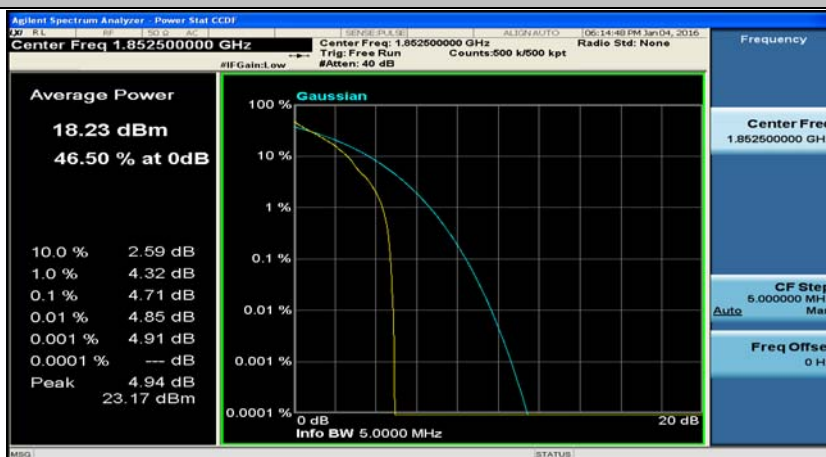
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



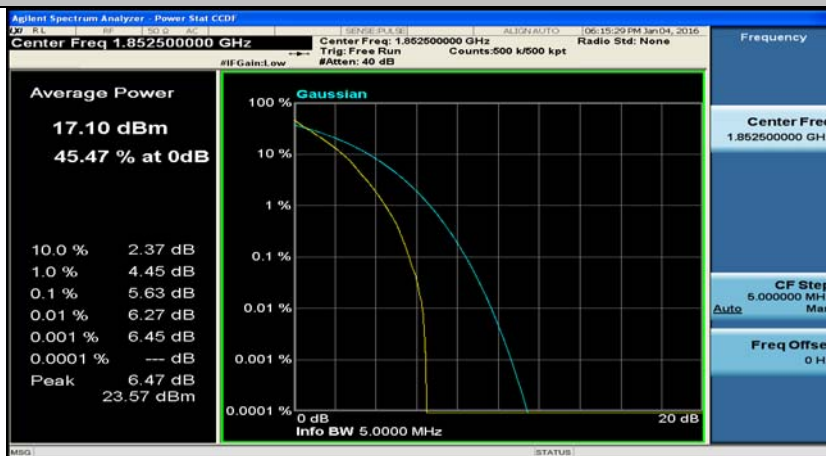
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



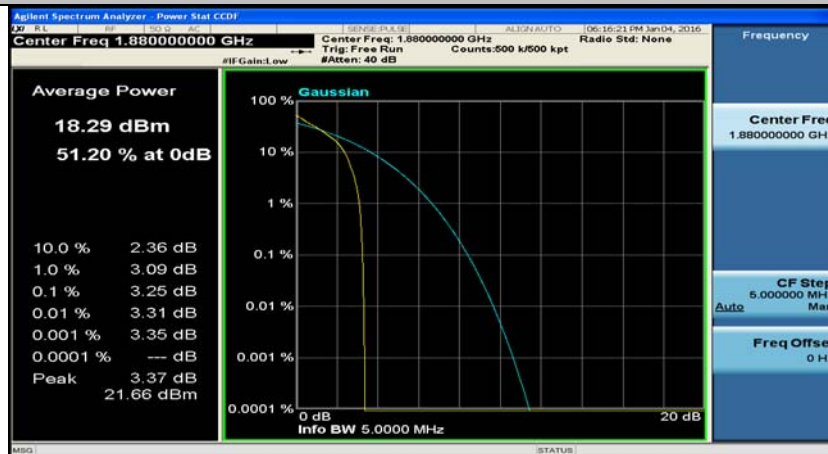
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



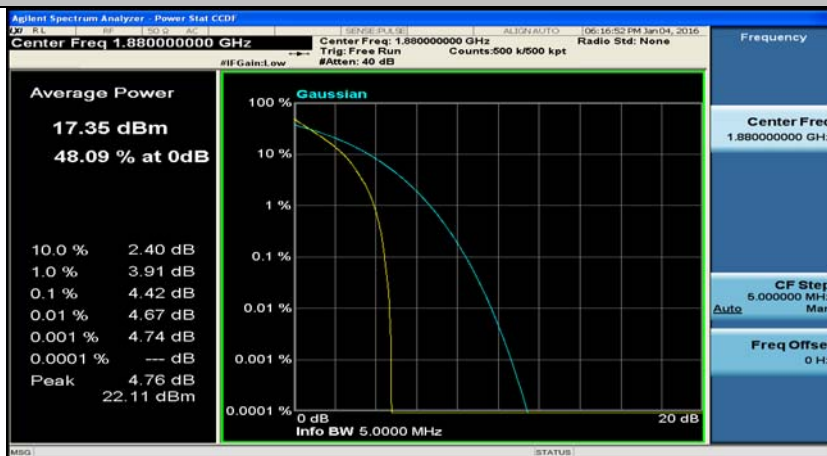
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



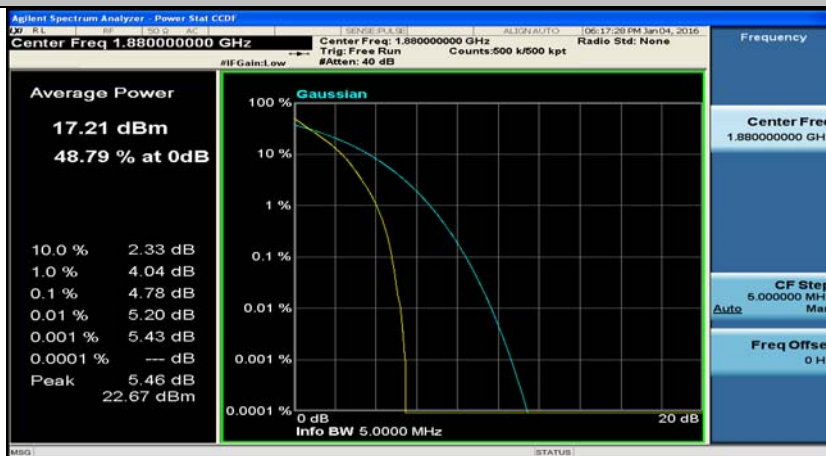
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



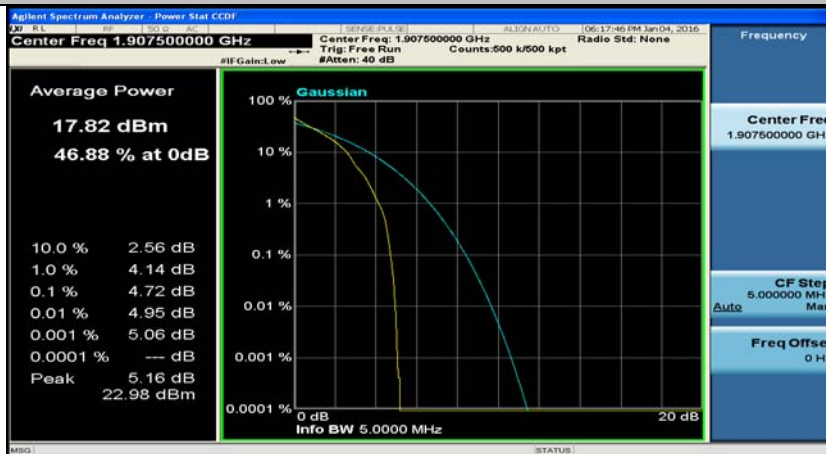
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



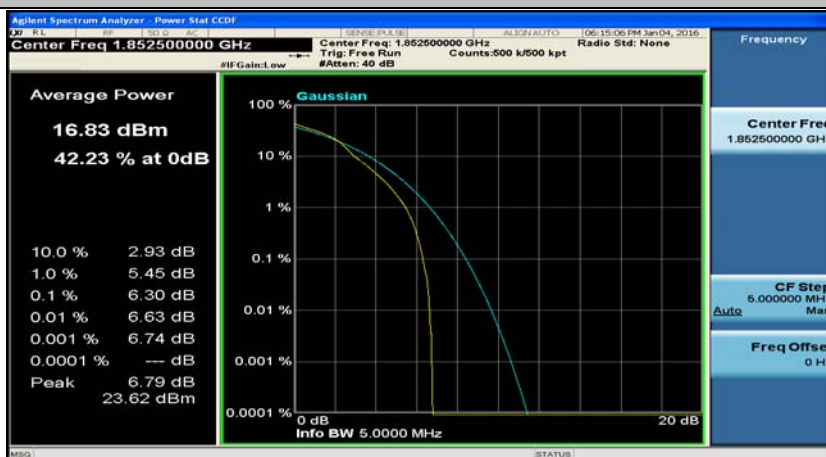
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

