

Appendix for Band 7

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 23.91 | PASS |
| | | 1 | 12 | 23.83 | PASS |
| | | 1 | 24 | 23.80 | PASS |
| | | 12 | 0 | 22.94 | PASS |
| | | 12 | 6 | 22.98 | PASS |
| | | 12 | 13 | 22.92 | PASS |
| | | 25 | 0 | 22.90 | PASS |
| | MCH | 1 | 0 | 23.97 | PASS |
| | | 1 | 12 | 23.91 | PASS |
| | | 1 | 24 | 23.93 | PASS |
| | | 12 | 0 | 22.93 | PASS |
| | | 12 | 6 | 22.92 | PASS |
| | | 12 | 13 | 22.92 | PASS |
| | | 25 | 0 | 22.99 | PASS |
| | HCH | 1 | 0 | 23.57 | PASS |
| | | 1 | 12 | 23.52 | PASS |
| | | 1 | 24 | 22.52 | PASS |
| | | 12 | 0 | 23.05 | PASS |
| | | 12 | 6 | 23.04 | PASS |
| | | 12 | 13 | 22.92 | PASS |
| | | 25 | 0 | 23.07 | PASS |
| 16QAM | LCH | 1 | 0 | 22.56 | PASS |
| | | 1 | 12 | 22.66 | PASS |
| | | 1 | 24 | 22.64 | PASS |
| | | 12 | 0 | 22.12 | PASS |
| | | 12 | 6 | 22.13 | PASS |
| | | 12 | 13 | 22.12 | PASS |
| | | 25 | 0 | 22.28 | PASS |
| | MCH | 1 | 0 | 22.56 | PASS |
| | | 1 | 12 | 22.60 | PASS |
| | | 1 | 24 | 22.54 | PASS |
| | | 12 | 0 | 21.95 | PASS |

| | | | | | |
|--|-----|----|----|-------|------|
| | | 12 | 6 | 21.90 | PASS |
| | | 12 | 13 | 21.99 | PASS |
| | | 25 | 0 | 22.15 | PASS |
| | HCH | 1 | 0 | 23.06 | PASS |
| | | 1 | 12 | 22.97 | PASS |
| | | 1 | 24 | 22.74 | PASS |
| | | 12 | 0 | 22.08 | PASS |
| | | 12 | 6 | 22.13 | PASS |
| | | 12 | 13 | 22.15 | PASS |
| | | 25 | 0 | 22.34 | PASS |

Channel Bandwidth: 10 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 23.82 | PASS |
| | | 1 | 24 | 23.87 | PASS |
| | | 1 | 49 | 23.73 | PASS |
| | | 25 | 0 | 22.92 | PASS |
| | | 25 | 12 | 22.96 | PASS |
| | | 25 | 25 | 22.99 | PASS |
| | | 50 | 0 | 22.91 | PASS |
| | MCH | 1 | 0 | 23.80 | PASS |
| | | 1 | 24 | 23.74 | PASS |
| | | 1 | 49 | 23.81 | PASS |
| | | 25 | 0 | 22.81 | PASS |
| | | 25 | 12 | 22.79 | PASS |
| | | 25 | 25 | 22.92 | PASS |
| | | 50 | 0 | 22.86 | PASS |
| | HCH | 1 | 0 | 24.17 | PASS |
| | | 1 | 24 | 24.09 | PASS |
| | | 1 | 49 | 23.09 | PASS |
| | | 25 | 0 | 23.02 | PASS |
| | | 25 | 12 | 23.09 | PASS |
| | | 25 | 25 | 23.11 | PASS |
| | | 50 | 0 | 23.12 | PASS |
| 16QAM | LCH | 1 | 0 | 22.95 | PASS |
| | | 1 | 24 | 22.91 | PASS |
| | | 1 | 49 | 22.82 | PASS |
| | | 25 | 0 | 22.08 | PASS |
| | | 25 | 12 | 22.06 | PASS |
| | | 25 | 25 | 21.98 | PASS |
| | | 50 | 0 | 22.05 | PASS |

| | | | | | |
|--|-----|----|----|-------|------|
| | MCH | 1 | 0 | 22.94 | PASS |
| | | 1 | 24 | 22.79 | PASS |
| | | 1 | 49 | 22.82 | PASS |
| | | 25 | 0 | 22.08 | PASS |
| | | 25 | 12 | 21.90 | PASS |
| | | 25 | 25 | 21.91 | PASS |
| | | 50 | 0 | 22.06 | PASS |
| | HCH | 1 | 0 | 22.71 | PASS |
| | | 1 | 24 | 22.81 | PASS |
| | | 1 | 49 | 22.53 | PASS |
| | | 25 | 0 | 22.23 | PASS |
| | | 25 | 12 | 22.24 | PASS |
| | | 25 | 25 | 22.24 | PASS |
| | | 50 | 0 | 22.22 | PASS |

Channel Bandwidth: 15 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 23.74 | PASS |
| | | 1 | 37 | 23.87 | PASS |
| | | 1 | 74 | 23.91 | PASS |
| | | 37 | 0 | 22.78 | PASS |
| | | 37 | 18 | 22.72 | PASS |
| | | 37 | 38 | 22.75 | PASS |
| | | 75 | 0 | 22.85 | PASS |
| | MCH | 1 | 0 | 23.99 | PASS |
| | | 1 | 37 | 23.92 | PASS |
| | | 1 | 74 | 23.64 | PASS |
| | | 37 | 0 | 22.98 | PASS |
| | | 37 | 18 | 22.84 | PASS |
| | | 37 | 38 | 22.90 | PASS |
| | | 75 | 0 | 22.91 | PASS |
| | HCH | 1 | 0 | 23.83 | PASS |
| | | 1 | 37 | 23.99 | PASS |
| | | 1 | 74 | 22.83 | PASS |
| | | 37 | 0 | 23.02 | PASS |
| | | 37 | 18 | 23.07 | PASS |
| | | 37 | 38 | 23.11 | PASS |
| | | 75 | 0 | 23.09 | PASS |
| 16QAM | LCH | 1 | 0 | 22.97 | PASS |
| | | 1 | 37 | 22.76 | PASS |
| | | 1 | 74 | 22.77 | PASS |

| | | | | | |
|--|-----|----|----|-------|------|
| | | 37 | 0 | 22.08 | PASS |
| | | 37 | 18 | 22.05 | PASS |
| | | 37 | 38 | 22.01 | PASS |
| | | 75 | 0 | 22.10 | PASS |
| | MCH | 1 | 0 | 23.07 | PASS |
| | | 1 | 37 | 23.09 | PASS |
| | | 1 | 74 | 23.08 | PASS |
| | | 37 | 0 | 22.14 | PASS |
| | | 37 | 18 | 22.06 | PASS |
| | | 37 | 38 | 21.99 | PASS |
| | | 75 | 0 | 21.98 | PASS |
| | HCH | 1 | 0 | 22.93 | PASS |
| | | 1 | 37 | 23.04 | PASS |
| | | 1 | 74 | 23.09 | PASS |
| | | 37 | 0 | 22.16 | PASS |
| | | 37 | 18 | 22.20 | PASS |
| | | 37 | 38 | 22.30 | PASS |
| | | 75 | 0 | 22.13 | PASS |

Channel Bandwidth: 20 MHz

| Modulation | Channel | RB Configuration | | Average Power [dBm] | Verdict |
|------------|---------|------------------|--------|---------------------|---------|
| | | Size | Offset | | |
| QPSK | LCH | 1 | 0 | 24.22 | PASS |
| | | 1 | 49 | 24.11 | PASS |
| | | 1 | 99 | 23.95 | PASS |
| | | 50 | 0 | 23.19 | PASS |
| | | 50 | 25 | 22.94 | PASS |
| | | 50 | 50 | 22.81 | PASS |
| | | 100 | 0 | 22.92 | PASS |
| | MCH | 1 | 0 | 24.14 | PASS |
| | | 1 | 49 | 24.13 | PASS |
| | | 1 | 99 | 24.01 | PASS |
| | | 50 | 0 | 22.93 | PASS |
| | | 50 | 25 | 22.81 | PASS |
| | | 50 | 50 | 22.89 | PASS |
| | | 100 | 0 | 22.87 | PASS |
| | HCH | 1 | 0 | 23.79 | PASS |
| | | 1 | 49 | 24.08 | PASS |
| | | 1 | 99 | 23.28 | PASS |
| | | 50 | 0 | 22.98 | PASS |
| | | 50 | 25 | 23.13 | PASS |
| | | 50 | 50 | 23.17 | PASS |

| | | | | | |
|-------|-----|-----|----|-------|------|
| | | 100 | 0 | 23.06 | PASS |
| 16QAM | LCH | 1 | 0 | 23.38 | PASS |
| | | 1 | 49 | 23.15 | PASS |
| | | 1 | 99 | 23.16 | PASS |
| | | 50 | 0 | 22.22 | PASS |
| | | 50 | 25 | 22.01 | PASS |
| | | 50 | 50 | 22.13 | PASS |
| | | 100 | 0 | 22.00 | PASS |
| | MCH | 1 | 0 | 23.14 | PASS |
| | | 1 | 49 | 23.17 | PASS |
| | | 1 | 99 | 23.21 | PASS |
| | | 50 | 0 | 22.13 | PASS |
| | | 50 | 25 | 22.05 | PASS |
| | | 50 | 50 | 22.01 | PASS |
| | | 100 | 0 | 22.02 | PASS |
| | HCH | 1 | 0 | 23.45 | PASS |
| | | 1 | 49 | 23.48 | PASS |
| | | 1 | 99 | 23.44 | PASS |
| | | 50 | 0 | 22.12 | PASS |
| | | 50 | 25 | 22.20 | PASS |
| | | 50 | 50 | 22.24 | PASS |
| | | 100 | 0 | 22.07 | PASS |

Appendix B: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | |
|--------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.54 | <13 | PASS |
| | | 1 | 12 | 4.45 | <13 | PASS |
| | | 1 | 24 | 4.52 | <13 | PASS |
| | | 12 | 0 | 5.38 | <13 | PASS |
| | | 12 | 6 | 5.43 | <13 | PASS |
| | | 12 | 13 | 5.48 | <13 | PASS |
| | | 25 | 0 | 5.45 | <13 | PASS |
| | MCH | 1 | 0 | 5.1 | <13 | PASS |
| | | 1 | 12 | 5.17 | <13 | PASS |
| | | 1 | 24 | 5.43 | <13 | PASS |
| | | 12 | 0 | 5.76 | <13 | PASS |
| | | 12 | 6 | 5.77 | <13 | PASS |
| | | 12 | 13 | 5.77 | <13 | PASS |
| | | 25 | 0 | 5.83 | <13 | PASS |
| | HCH | 1 | 0 | 4.78 | <13 | PASS |
| | | 1 | 12 | 4.97 | <13 | PASS |
| | | 1 | 24 | 5.64 | <13 | PASS |
| | | 12 | 0 | 5.06 | <13 | PASS |
| | | 12 | 6 | 5.12 | <13 | PASS |
| | | 12 | 13 | 5.4 | <13 | PASS |
| | | 25 | 0 | 5.22 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 5.66 | <13 | PASS |
| | | 1 | 12 | 5.69 | <13 | PASS |
| | | 1 | 24 | 5.9 | <13 | PASS |
| | | 12 | 0 | 6.35 | <13 | PASS |
| | | 12 | 6 | 6.29 | <13 | PASS |
| | | 12 | 13 | 6.34 | <13 | PASS |
| | | 25 | 0 | 6.23 | <13 | PASS |
| | MCH | 1 | 0 | 6.02 | <13 | PASS |
| | | 1 | 12 | 6.07 | <13 | PASS |
| | | 1 | 24 | 6.15 | <13 | PASS |
| | | 12 | 0 | 6.7 | <13 | PASS |
| | | 12 | 6 | 6.78 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | | 12 | 13 | 6.81 | <13 | PASS |
| | | 25 | 0 | 6.54 | <13 | PASS |
| | HCH | 1 | 0 | 4.85 | <13 | PASS |
| | | 1 | 12 | 5.04 | <13 | PASS |
| | | 1 | 24 | 5.86 | <13 | PASS |
| | | 12 | 0 | 5.96 | <13 | PASS |
| | | 12 | 6 | 5.99 | <13 | PASS |
| | | 12 | 13 | 6 | <13 | PASS |
| | | 25 | 0 | 5.97 | <13 | PASS |
| | | | | | | |

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.53 | <13 | PASS |
| | | 1 | 24 | 4.67 | <13 | PASS |
| | | 1 | 49 | 4.41 | <13 | PASS |
| | | 25 | 0 | 5.48 | <13 | PASS |
| | | 25 | 12 | 5.43 | <13 | PASS |
| | | 25 | 25 | 5.28 | <13 | PASS |
| | | 50 | 0 | 5.51 | <13 | PASS |
| | MCH | 1 | 0 | 4.59 | <13 | PASS |
| | | 1 | 24 | 4.79 | <13 | PASS |
| | | 1 | 49 | 4.83 | <13 | PASS |
| | | 25 | 0 | 5.72 | <13 | PASS |
| | | 25 | 12 | 5.84 | <13 | PASS |
| | | 25 | 25 | 5.85 | <13 | PASS |
| | | 50 | 0 | 5.85 | <13 | PASS |
| | HCH | 1 | 0 | 4 | <13 | PASS |
| | | 1 | 24 | 4.32 | <13 | PASS |
| | | 1 | 49 | 5.25 | <13 | PASS |
| | | 25 | 0 | 4.94 | <13 | PASS |
| | | 25 | 12 | 5.04 | <13 | PASS |
| | | 25 | 25 | 5.22 | <13 | PASS |
| | | 50 | 0 | 5.16 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.64 | <13 | PASS |
| | | 1 | 24 | 4.74 | <13 | PASS |
| | | 1 | 49 | 4.42 | <13 | PASS |
| | | 25 | 0 | 6.21 | <13 | PASS |
| | | 25 | 12 | 6.45 | <13 | PASS |
| | | 25 | 25 | 6.29 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | MCH | 50 | 0 | 6.27 | <13 | PASS |
| | | 1 | 0 | 4.78 | <13 | PASS |
| | | 1 | 24 | 5.01 | <13 | PASS |
| | | 1 | 49 | 5.05 | <13 | PASS |
| | | 25 | 0 | 6.57 | <13 | PASS |
| | | 25 | 12 | 6.69 | <13 | PASS |
| | | 25 | 25 | 6.66 | <13 | PASS |
| | | 50 | 0 | 6.66 | <13 | PASS |
| | HCH | 1 | 0 | 4.74 | <13 | PASS |
| | | 1 | 24 | 4.96 | <13 | PASS |
| | | 1 | 49 | 5.23 | <13 | PASS |
| | | 25 | 0 | 5.88 | <13 | PASS |
| | | 25 | 12 | 5.98 | <13 | PASS |
| | | 25 | 25 | 6.08 | <13 | PASS |
| | | 50 | 0 | 5.98 | <13 | PASS |

Channel Bandwidth: 15 MHz

| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.57 | <13 | PASS |
| | | 1 | 37 | 4.48 | <13 | PASS |
| | | 1 | 74 | 4.12 | <13 | PASS |
| | | 37 | 0 | 5.53 | <13 | PASS |
| | | 37 | 18 | 5.34 | <13 | PASS |
| | | 37 | 38 | 5.17 | <13 | PASS |
| | | 75 | 0 | 5.61 | <13 | PASS |
| | MCH | 1 | 0 | 4.58 | <13 | PASS |
| | | 1 | 37 | 4.99 | <13 | PASS |
| | | 1 | 74 | 5.31 | <13 | PASS |
| | | 37 | 0 | 5.59 | <13 | PASS |
| | | 37 | 18 | 5.67 | <13 | PASS |
| | | 37 | 38 | 5.71 | <13 | PASS |
| | | 75 | 0 | 5.97 | <13 | PASS |
| | HCH | 1 | 0 | 4.08 | <13 | PASS |
| | | 1 | 37 | 4.06 | <13 | PASS |
| | | 1 | 74 | 5.5 | <13 | PASS |
| | | 37 | 0 | 4.94 | <13 | PASS |
| | | 37 | 18 | 4.94 | <13 | PASS |
| | | 37 | 38 | 5.17 | <13 | PASS |
| | | 75 | 0 | 5.35 | <13 | PASS |

| | | | | | | |
|-------|-----|----|----|------|-----|------|
| 16QAM | LCH | 1 | 0 | 4.67 | <13 | PASS |
| | | 1 | 37 | 4.53 | <13 | PASS |
| | | 1 | 74 | 4.26 | <13 | PASS |
| | | 37 | 0 | 6.27 | <13 | PASS |
| | | 37 | 18 | 6.11 | <13 | PASS |
| | | 37 | 38 | 6.01 | <13 | PASS |
| | | 75 | 0 | 6.31 | <13 | PASS |
| | MCH | 1 | 0 | 5 | <13 | PASS |
| | | 1 | 37 | 5.41 | <13 | PASS |
| | | 1 | 74 | 5.33 | <13 | PASS |
| | | 37 | 0 | 6.48 | <13 | PASS |
| | | 37 | 18 | 6.63 | <13 | PASS |
| | | 37 | 38 | 6.65 | <13 | PASS |
| | | 75 | 0 | 6.59 | <13 | PASS |
| | HCH | 1 | 0 | 4.87 | <13 | PASS |
| | | 1 | 37 | 4.87 | <13 | PASS |
| | | 1 | 74 | 5.45 | <13 | PASS |
| | | 37 | 0 | 5.78 | <13 | PASS |
| | | 37 | 18 | 5.74 | <13 | PASS |
| | | 37 | 38 | 5.95 | <13 | PASS |
| | | 75 | 0 | 5.98 | <13 | PASS |

Channel Bandwidth: 20 MHz

| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-------------------------------|---------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.58 | <13 | PASS |
| | | 1 | 49 | 4.14 | <13 | PASS |
| | | 1 | 99 | 3.93 | <13 | PASS |
| | | 50 | 0 | 5.5 | <13 | PASS |
| | | 50 | 25 | 5.29 | <13 | PASS |
| | | 50 | 50 | 5.13 | <13 | PASS |
| | | 100 | 0 | 5.48 | <13 | PASS |
| | MCH | 1 | 0 | 4.4 | <13 | PASS |
| | | 1 | 49 | 4.97 | <13 | PASS |
| | | 1 | 99 | 4.74 | <13 | PASS |
| | | 50 | 0 | 5.65 | <13 | PASS |
| | | 50 | 25 | 5.81 | <13 | PASS |
| | | 50 | 50 | 5.74 | <13 | PASS |
| | | 100 | 0 | 5.75 | <13 | PASS |
| | HCH | 1 | 0 | 4.31 | <13 | PASS |

| | | | | | | |
|-------|-----|-----|----|------|-----|------|
| | | 1 | 49 | 3.94 | <13 | PASS |
| | | 1 | 99 | 5.13 | <13 | PASS |
| | | 50 | 0 | 4.96 | <13 | PASS |
| | | 50 | 25 | 4.98 | <13 | PASS |
| | | 50 | 50 | 5.12 | <13 | PASS |
| | | 100 | 0 | 5.27 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 5.2 | <13 | PASS |
| | | 1 | 49 | 4.99 | <13 | PASS |
| | | 1 | 99 | 4.68 | <13 | PASS |
| | | 50 | 0 | 6.3 | <13 | PASS |
| | | 50 | 25 | 6.12 | <13 | PASS |
| | | 50 | 50 | 6.07 | <13 | PASS |
| | | 100 | 0 | 6.22 | <13 | PASS |
| | MCH | 1 | 0 | 5.46 | <13 | PASS |
| | | 1 | 49 | 6.05 | <13 | PASS |
| | | 1 | 99 | 5.65 | <13 | PASS |
| | | 50 | 0 | 6.46 | <13 | PASS |
| | | 50 | 25 | 6.58 | <13 | PASS |
| | | 50 | 50 | 6.59 | <13 | PASS |
| | | 100 | 0 | 6.53 | <13 | PASS |
| | HCH | 1 | 0 | 4.61 | <13 | PASS |
| | | 1 | 49 | 4.38 | <13 | PASS |
| | | 1 | 99 | 5.09 | <13 | PASS |
| | | 50 | 0 | 5.98 | <13 | PASS |
| | | 50 | 25 | 5.9 | <13 | PASS |
| | | 50 | 50 | 6.09 | <13 | PASS |
| | | 100 | 0 | 6.08 | <13 | PASS |

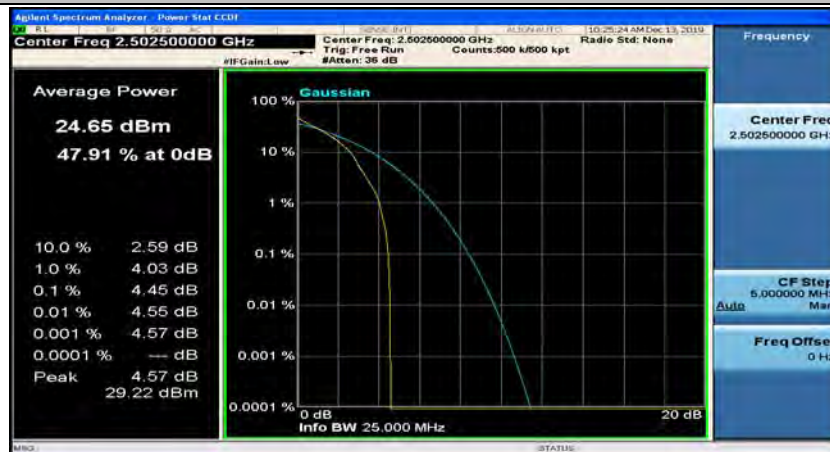
Test Graphs

Channel Bandwidth: 5 MHz

(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



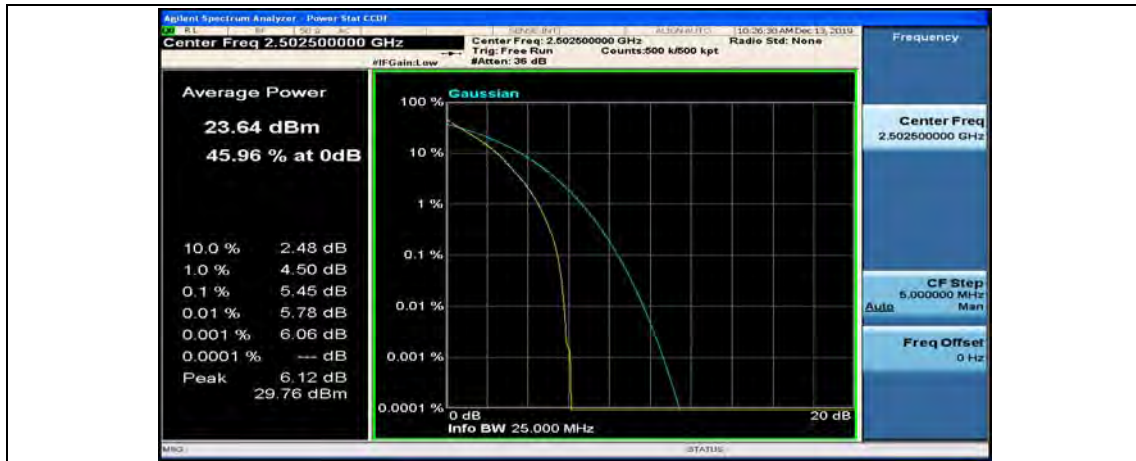
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



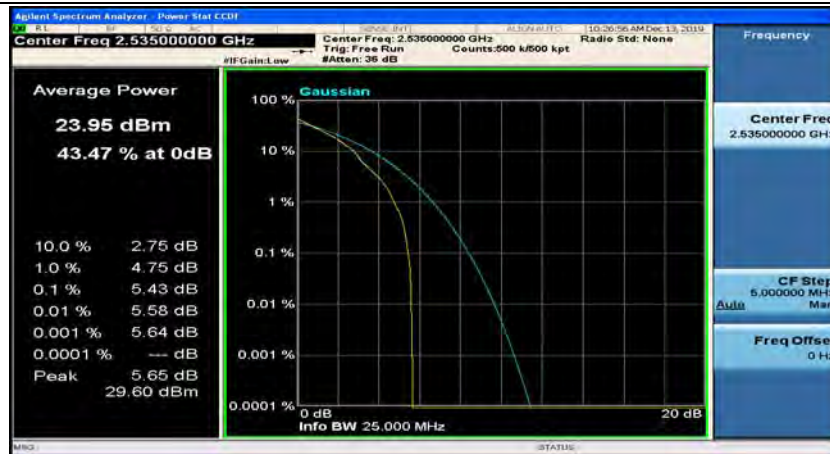
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0



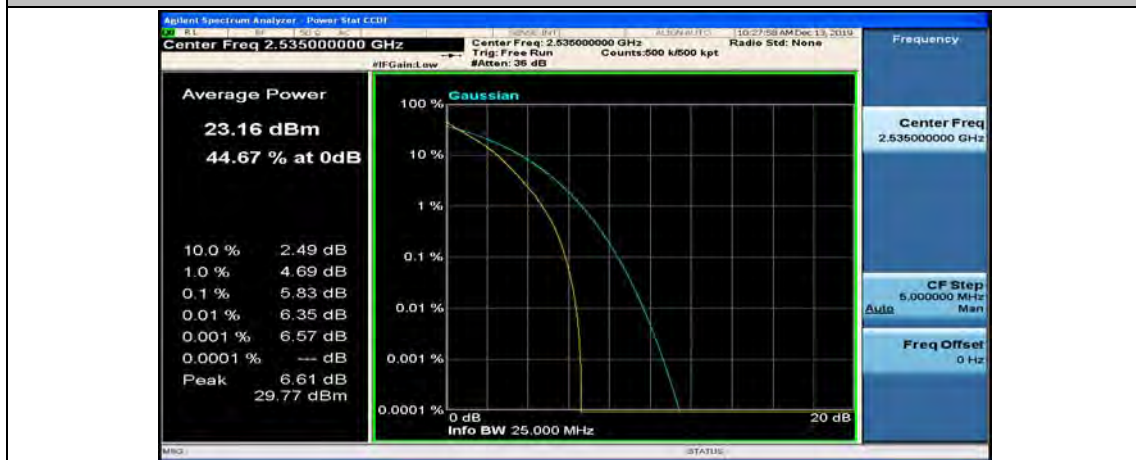
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(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



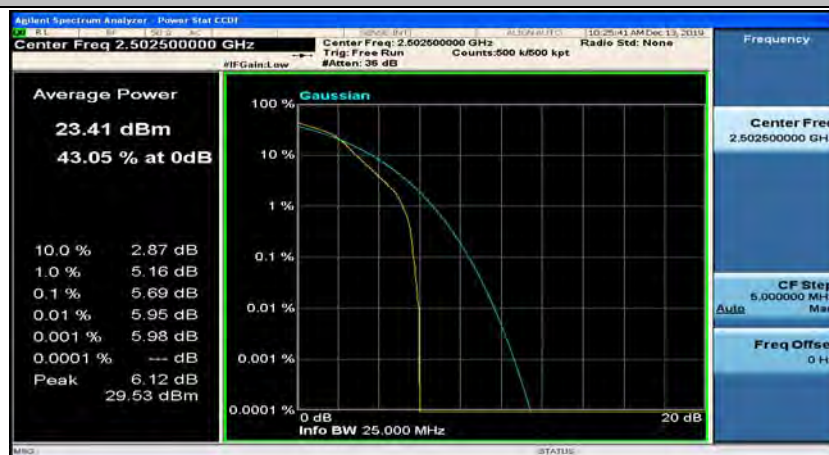
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



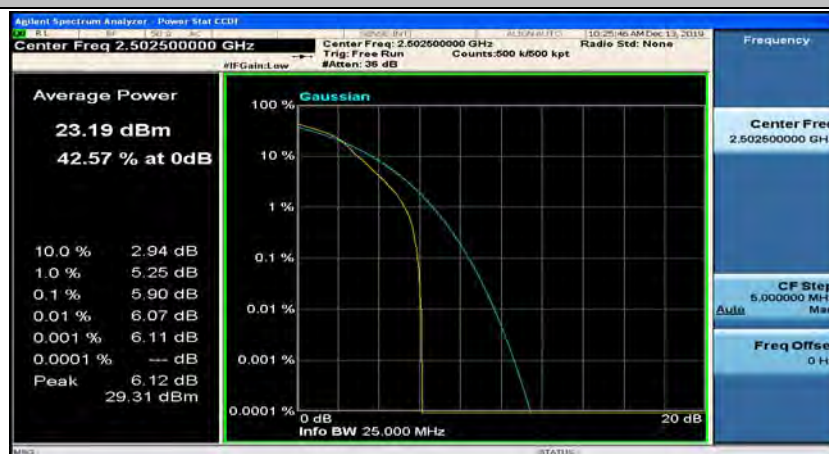
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



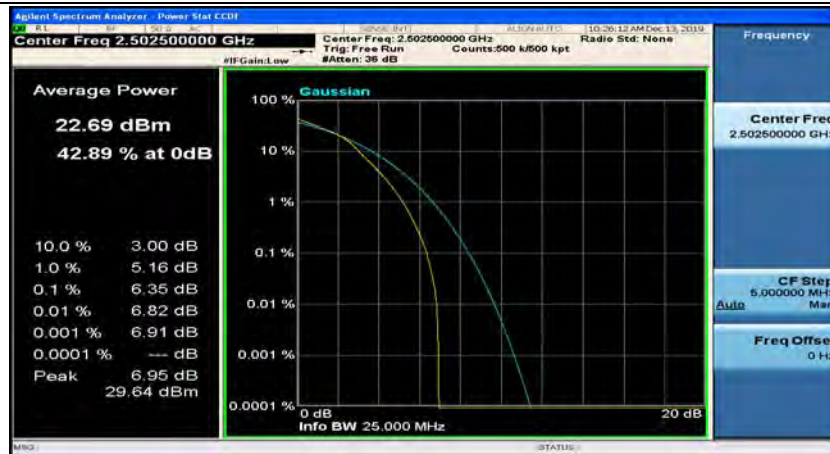
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



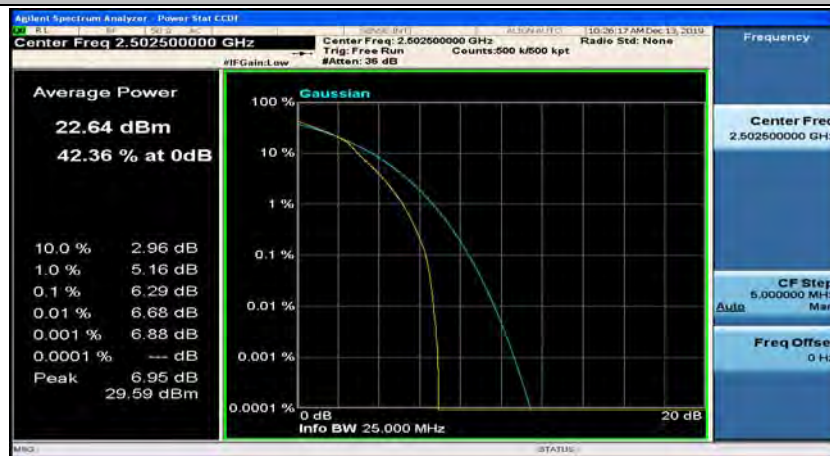
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



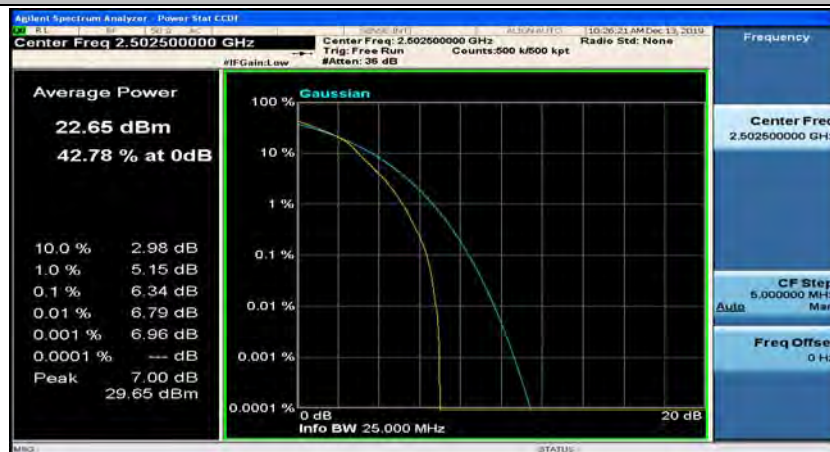
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



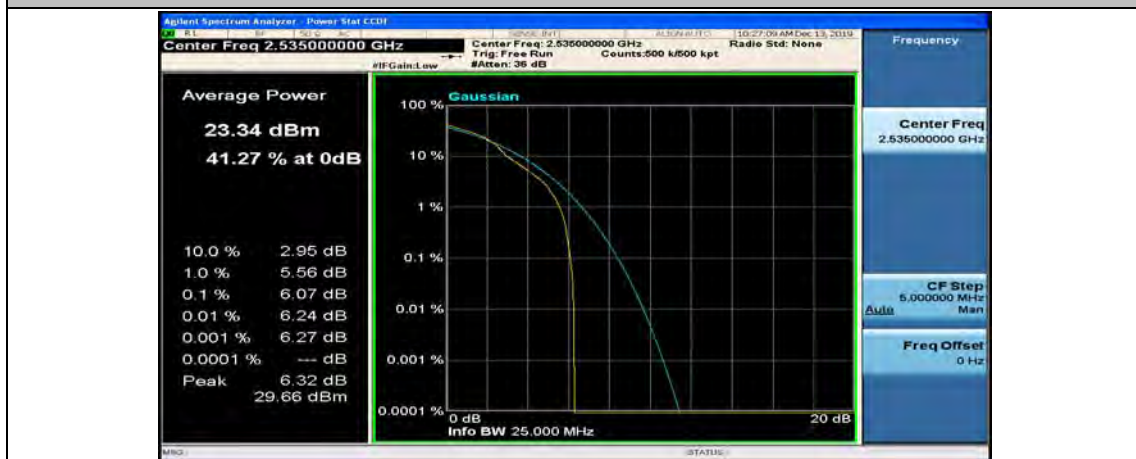
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



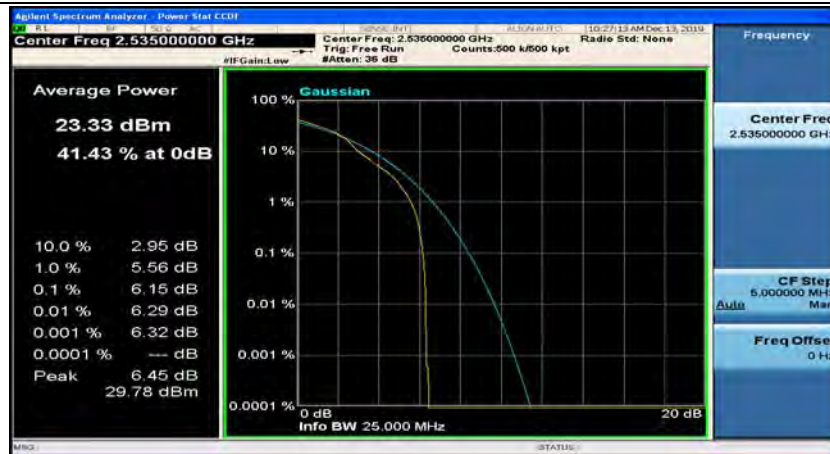
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



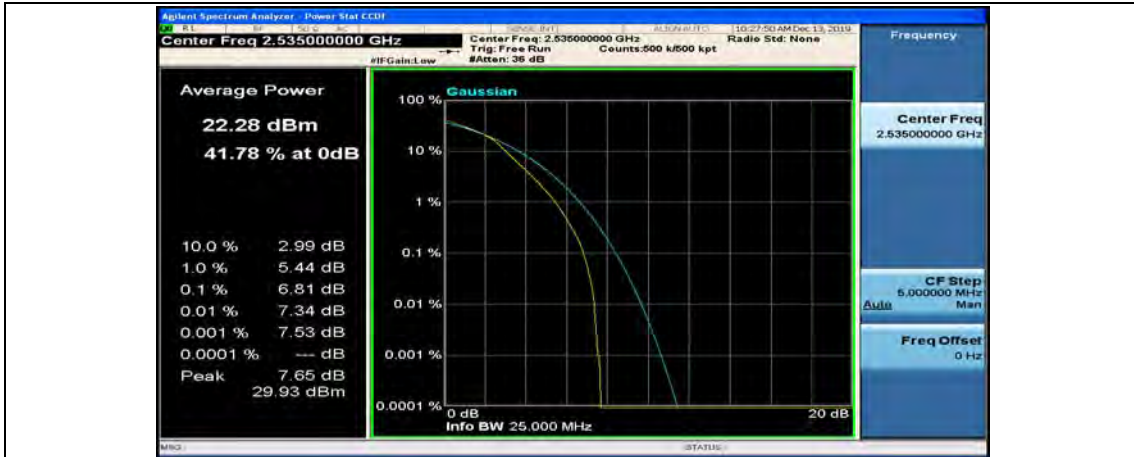
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



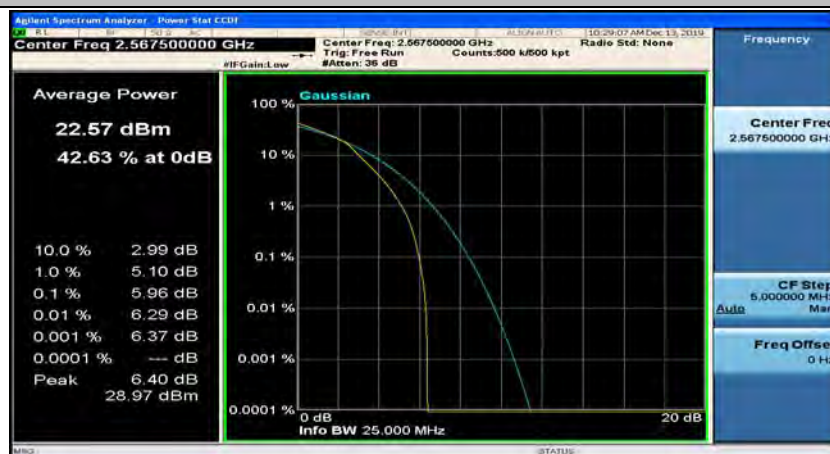
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



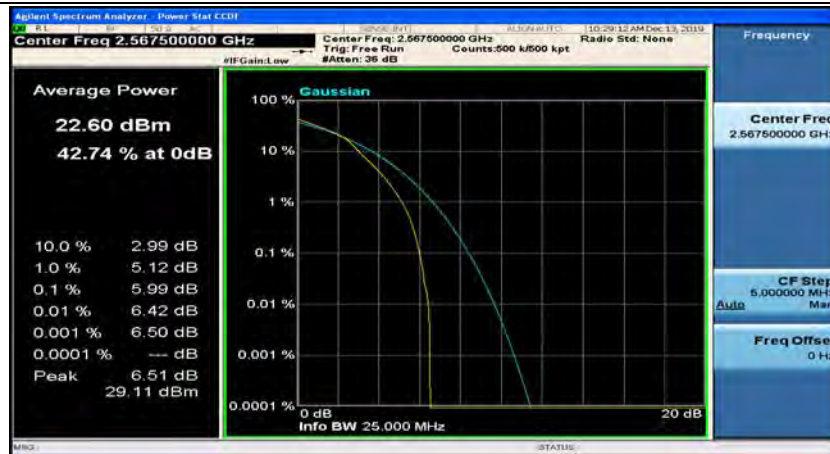
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



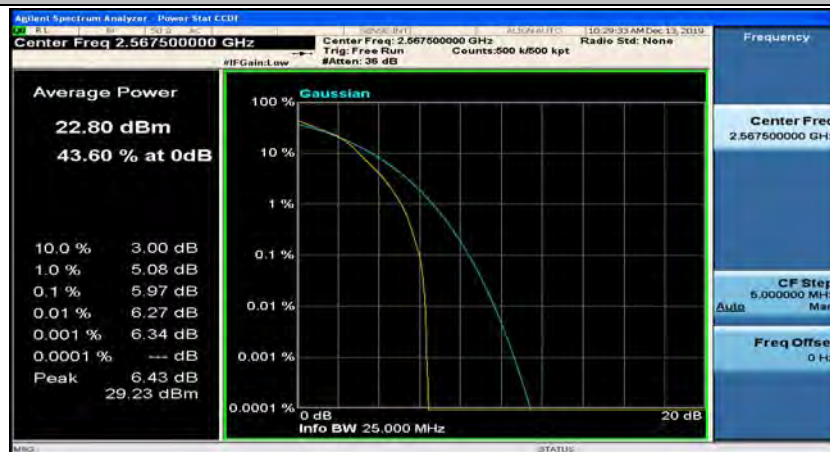
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



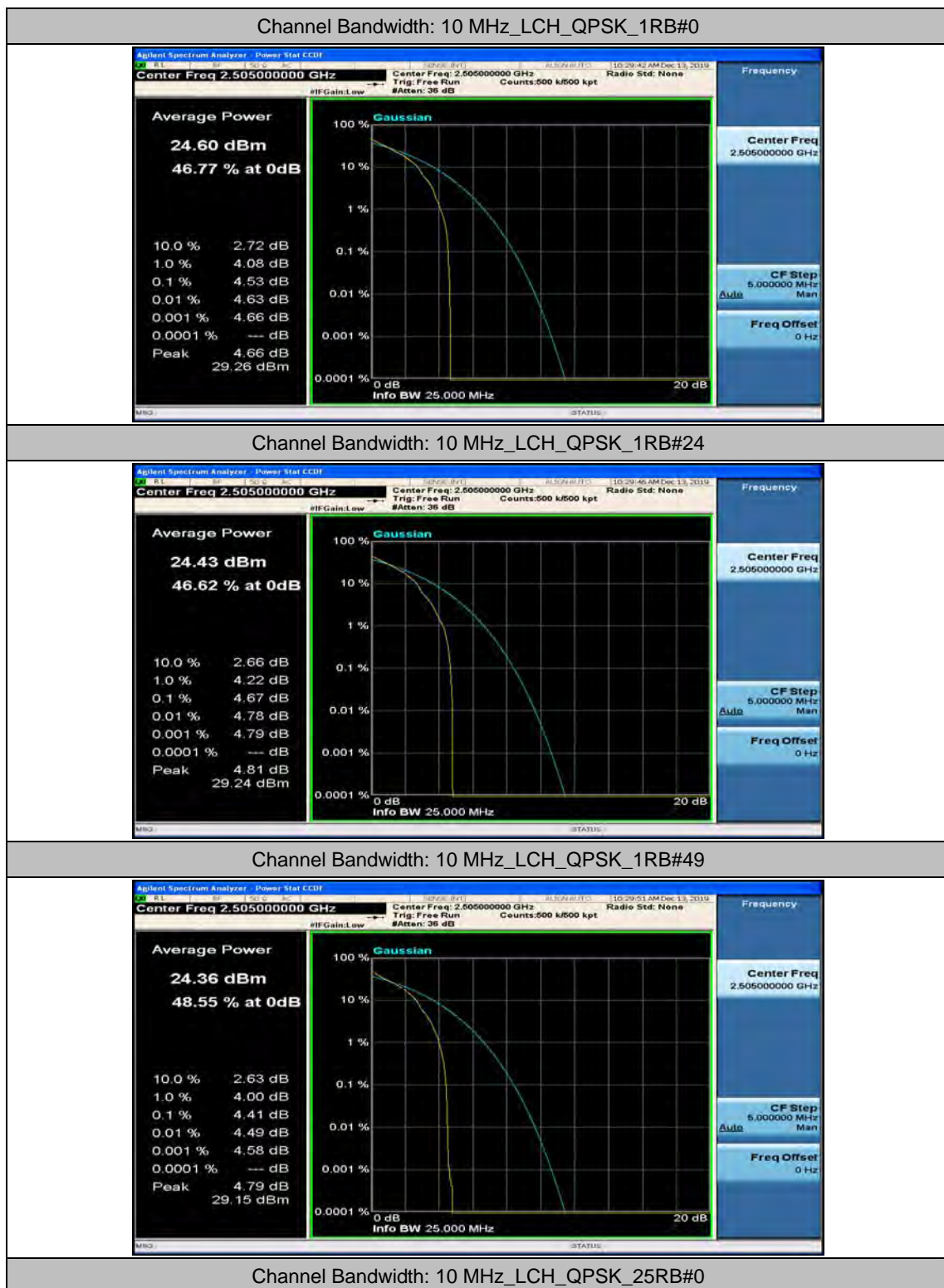
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

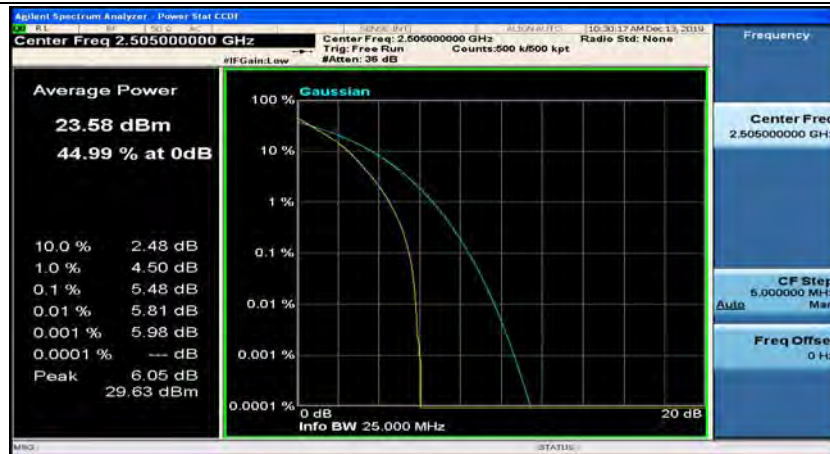


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

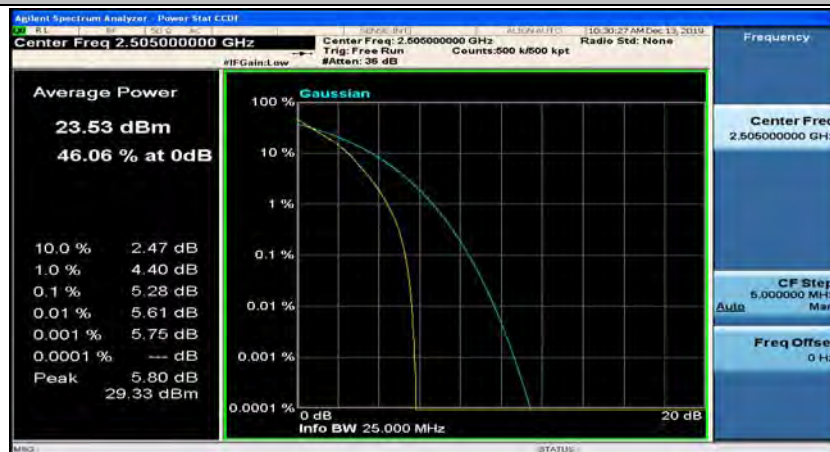




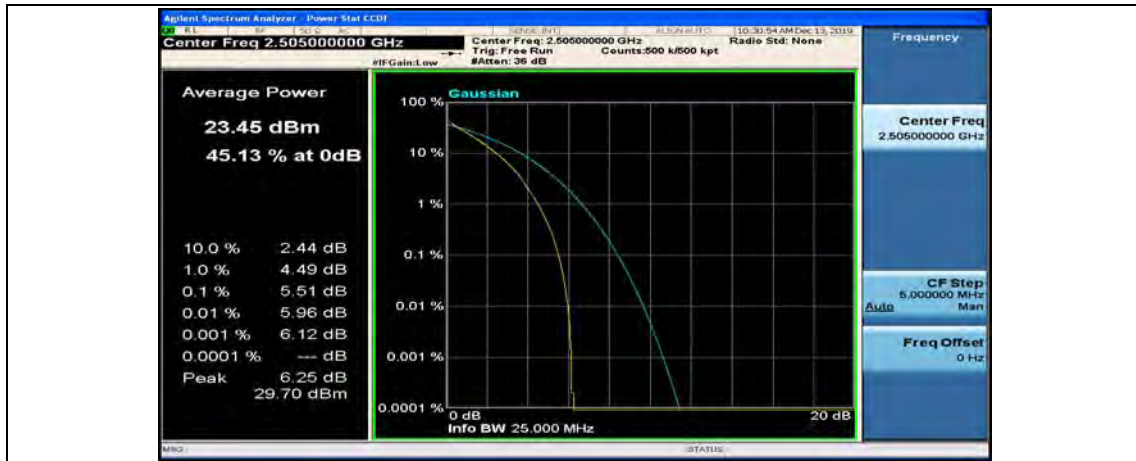
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



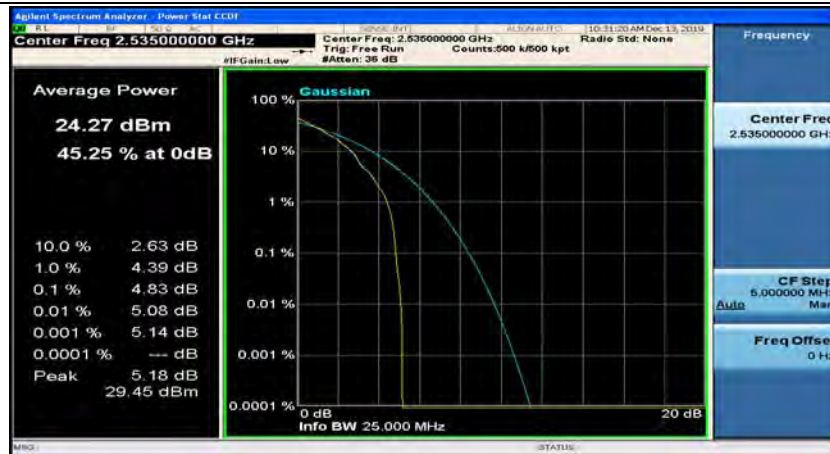
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



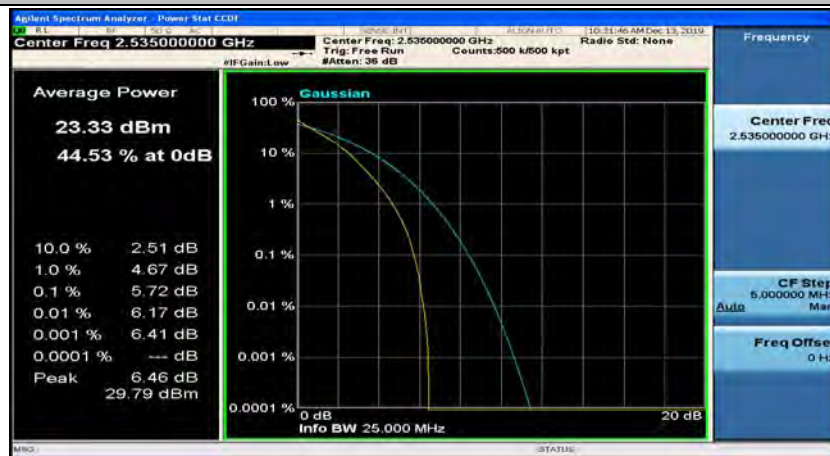
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24



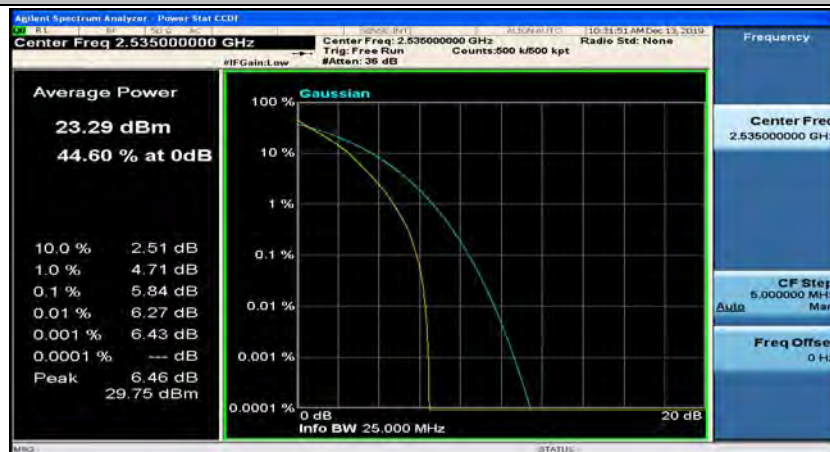
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49



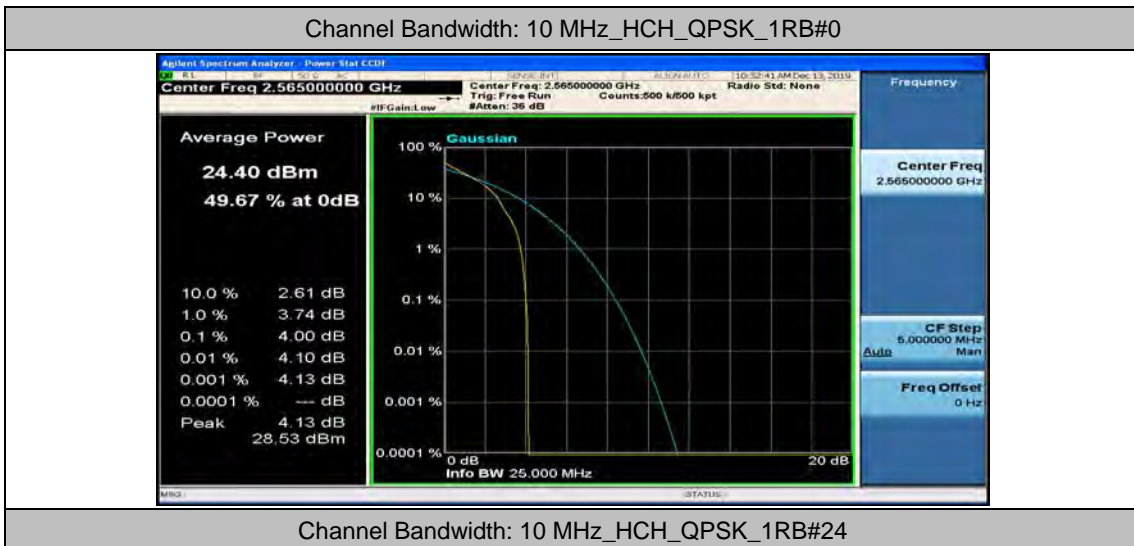
Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#0

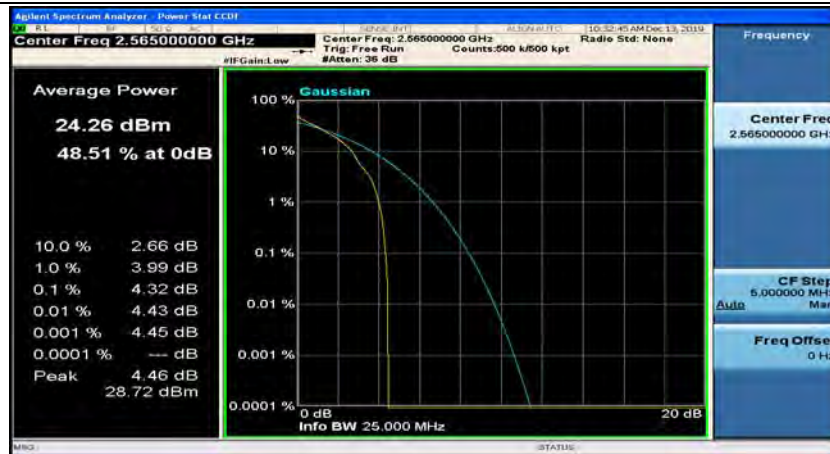


Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_MCH_QPSK_25RB#25





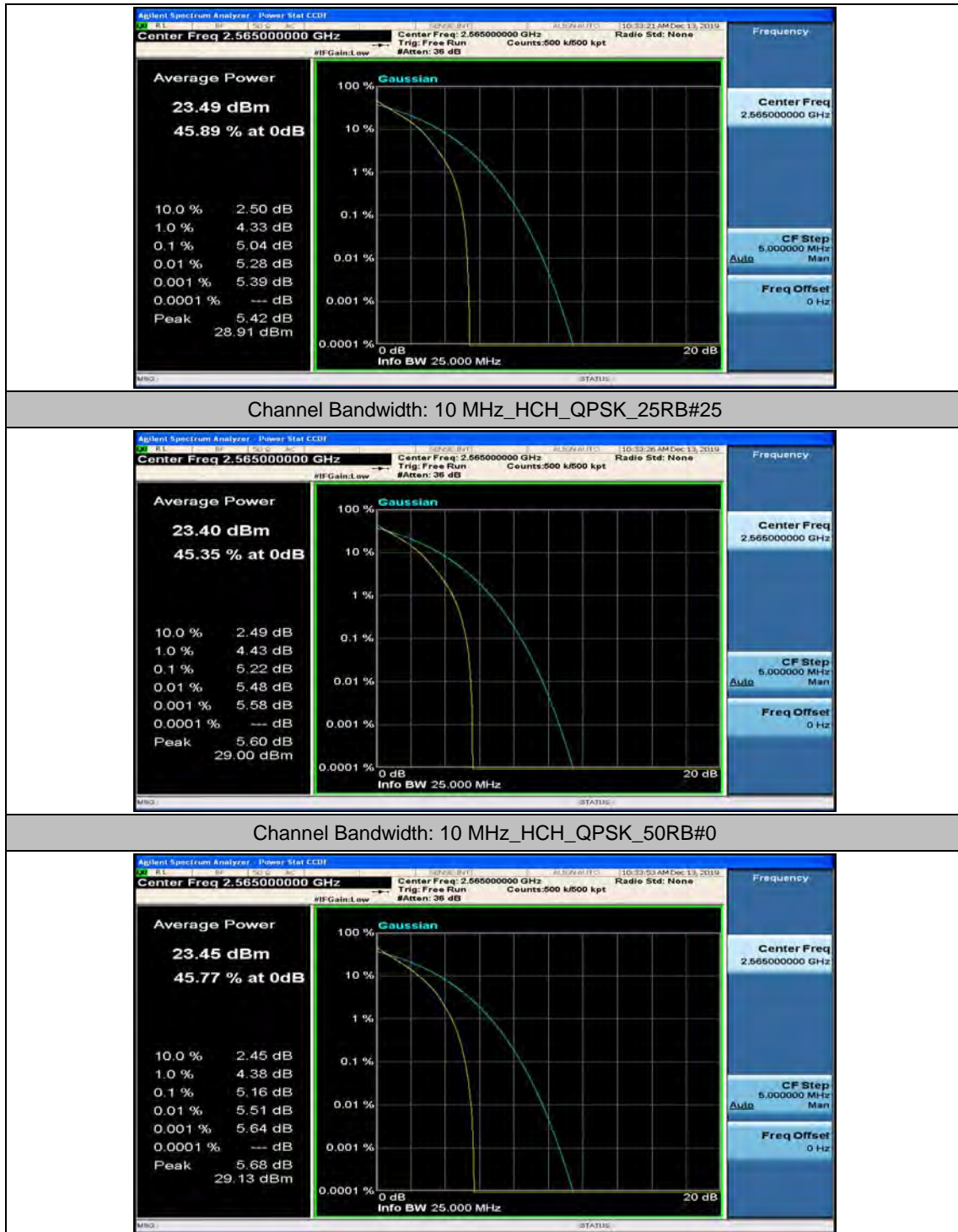
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



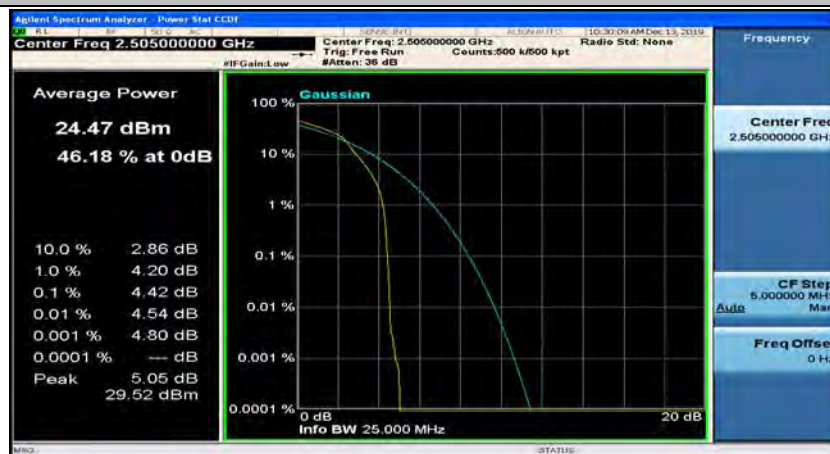
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



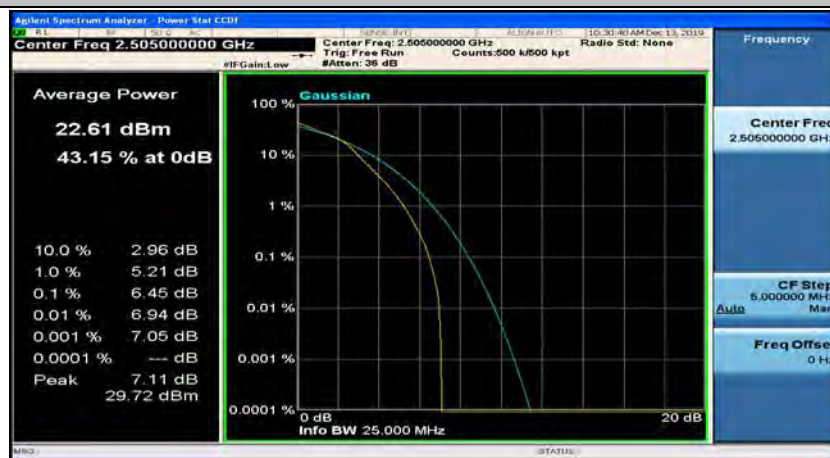
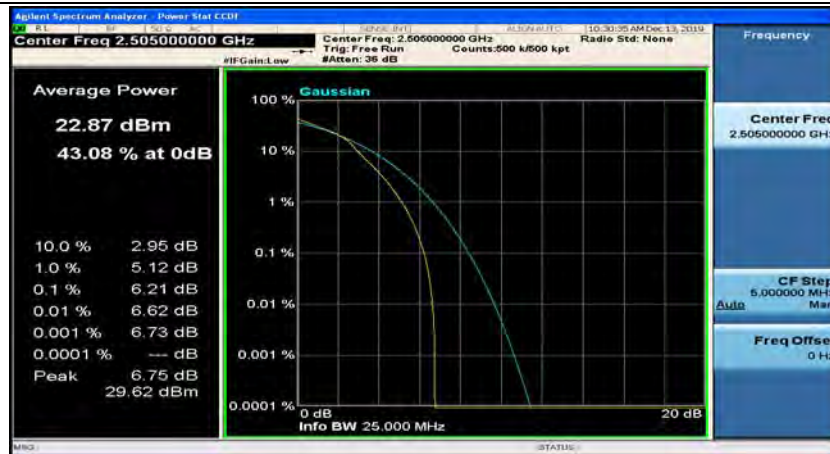
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

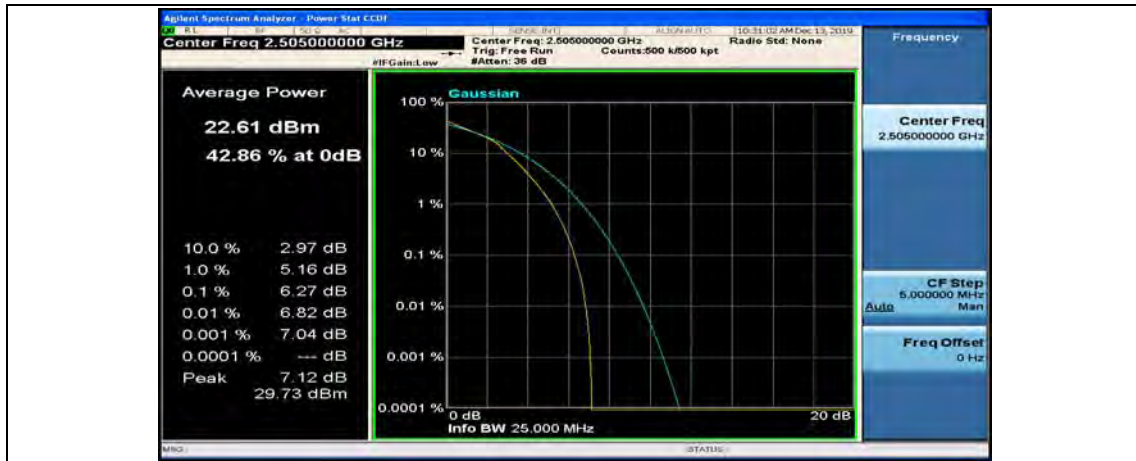


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

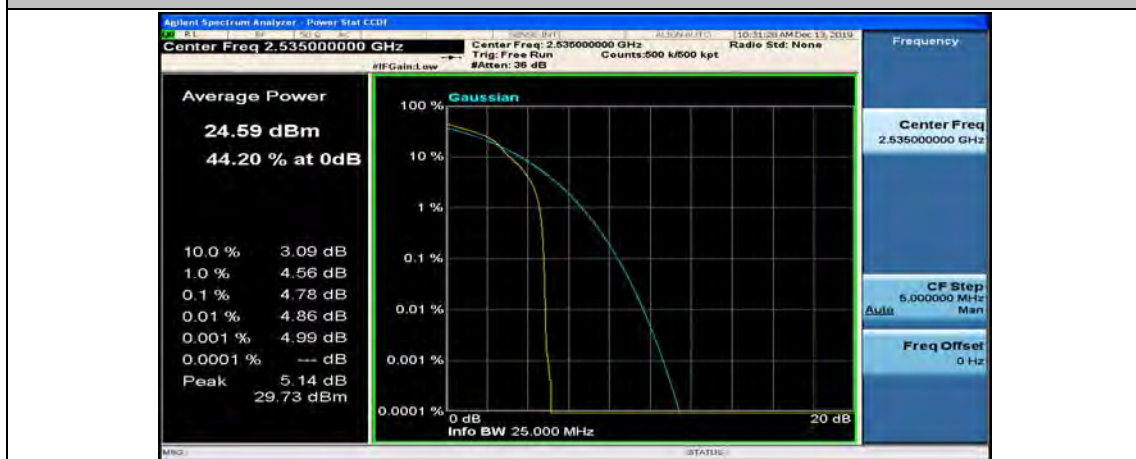


Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



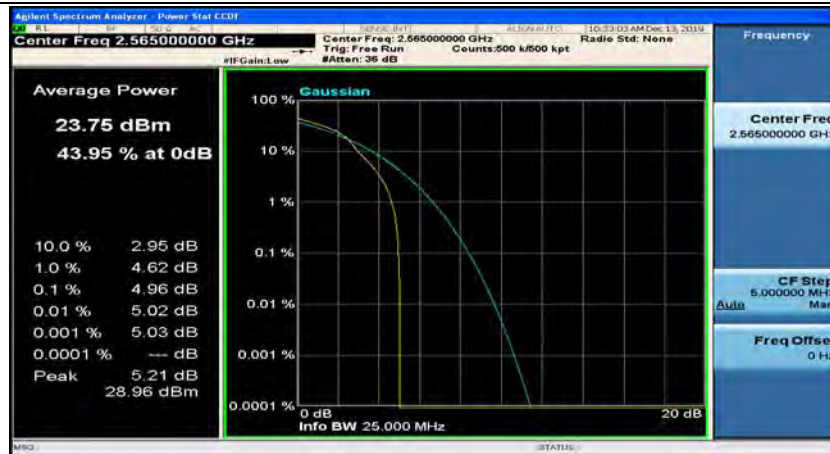
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



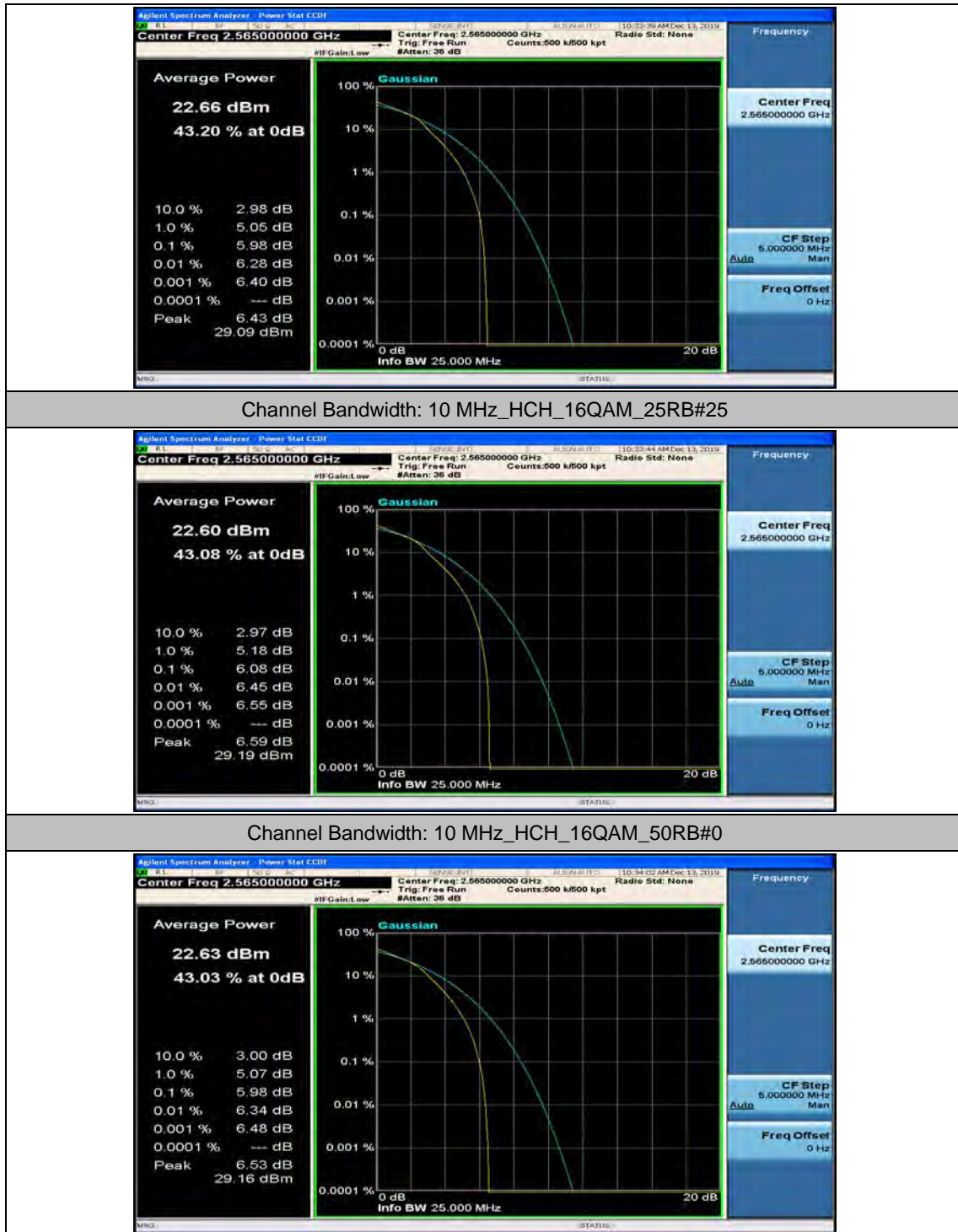
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0

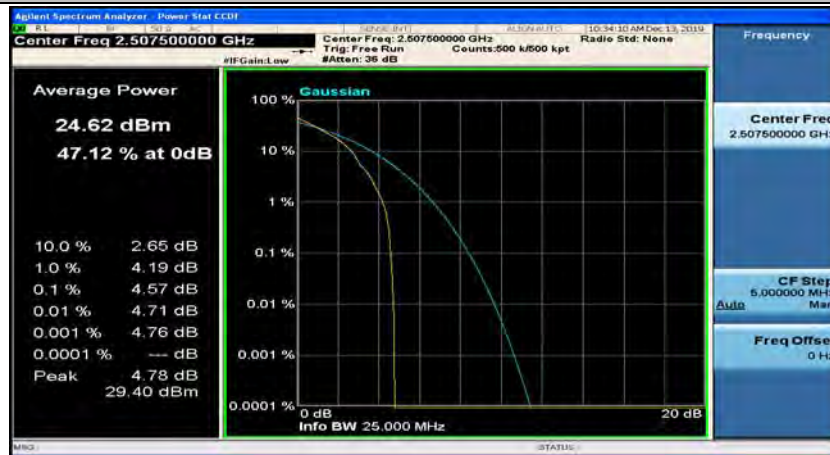


Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12

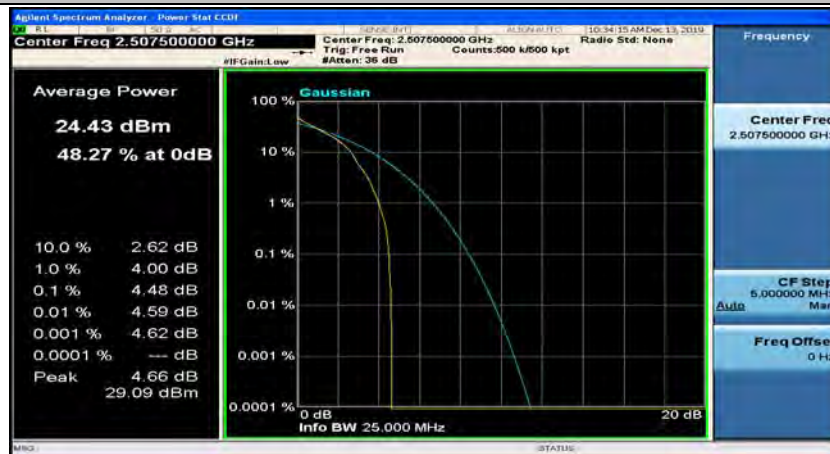


Channel Bandwidth: 15 MHz

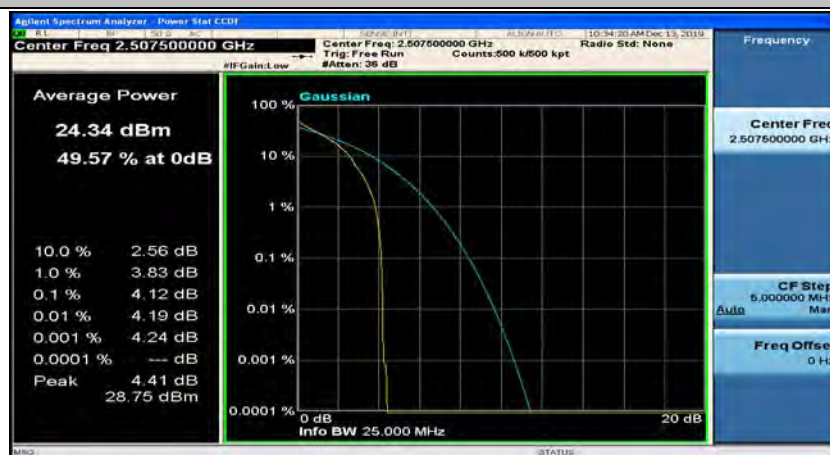
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0



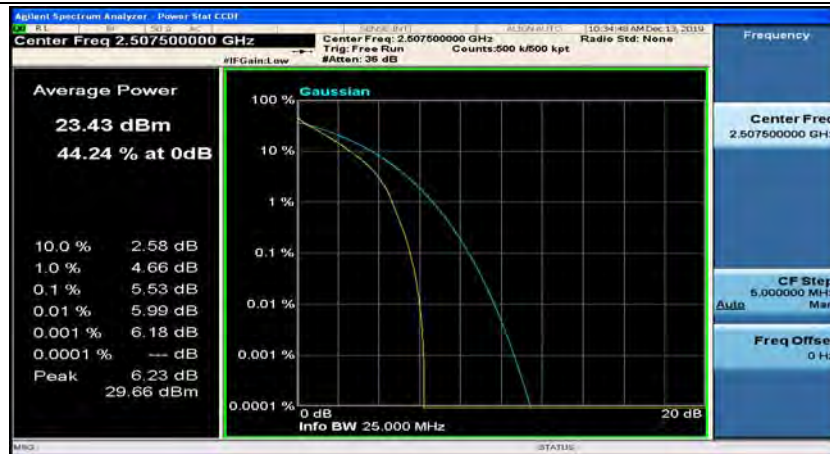
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



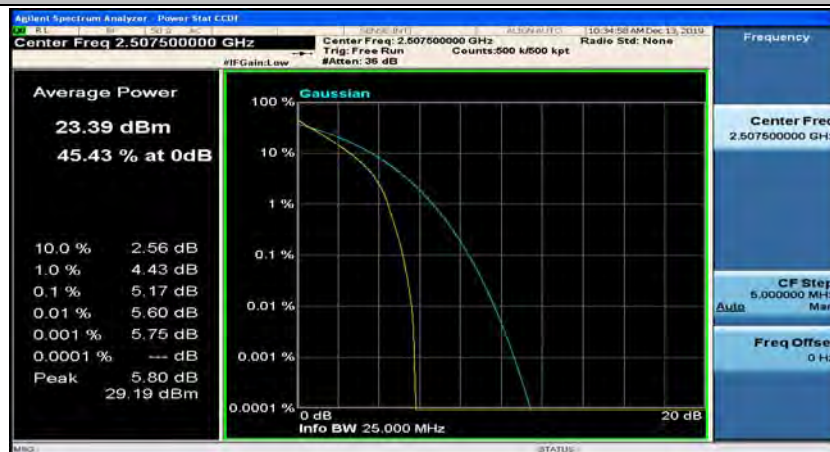
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



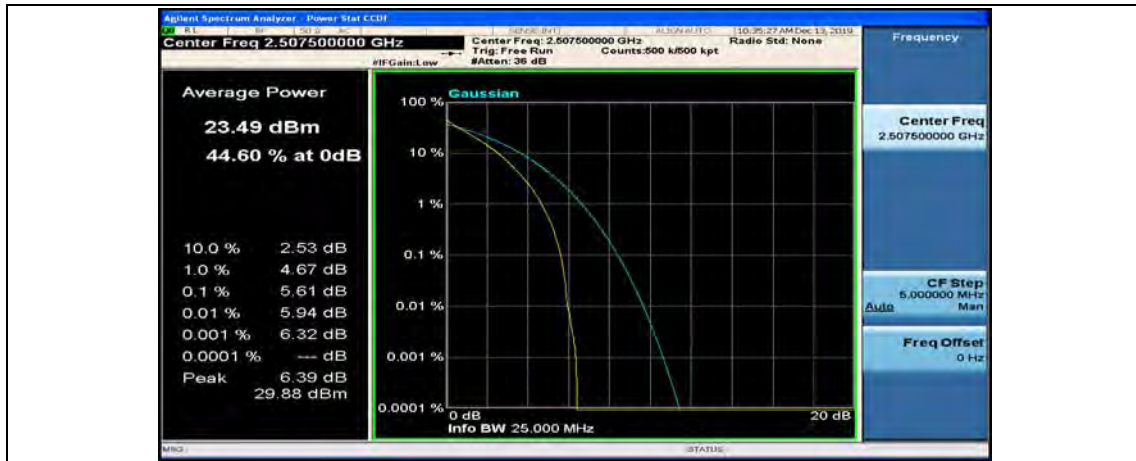
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



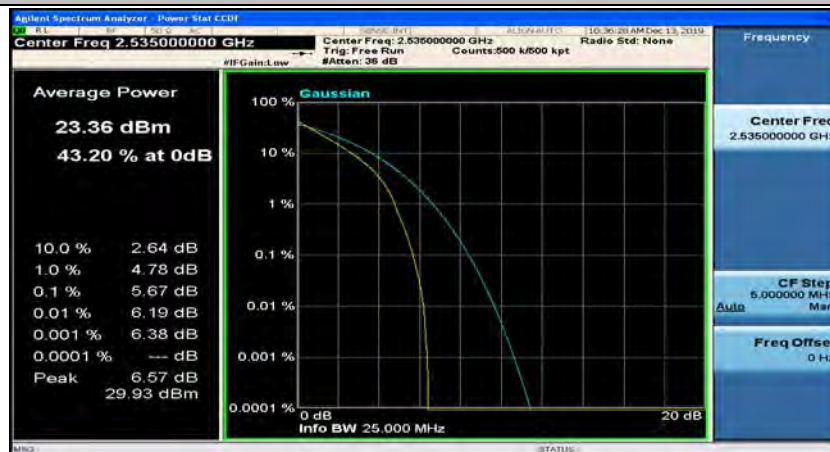
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#0



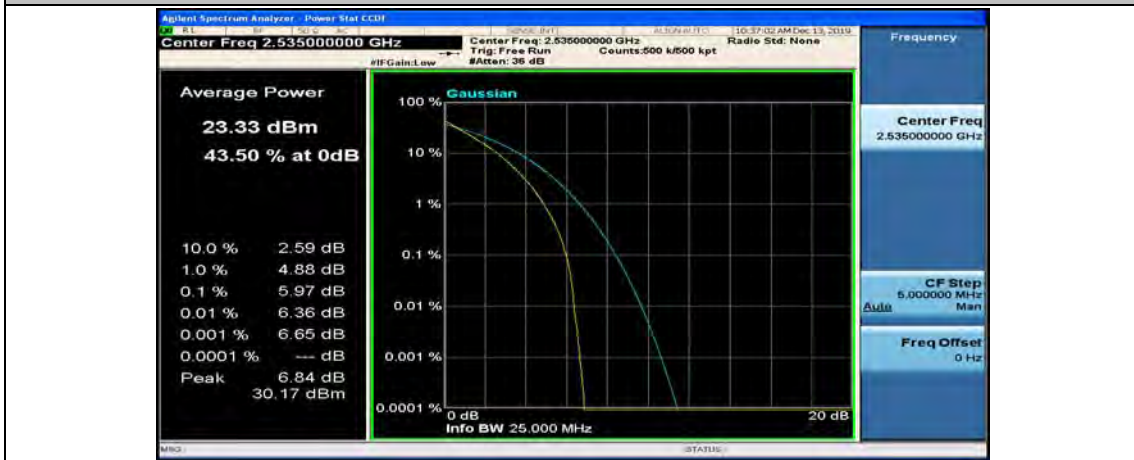
(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_MCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



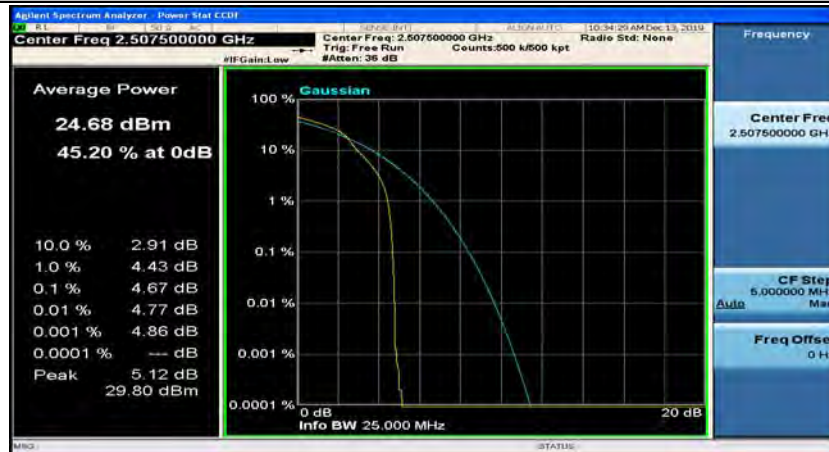
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



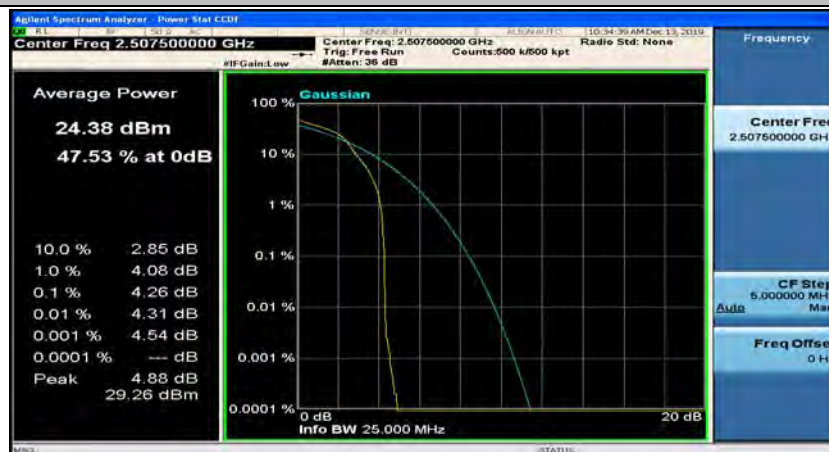
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



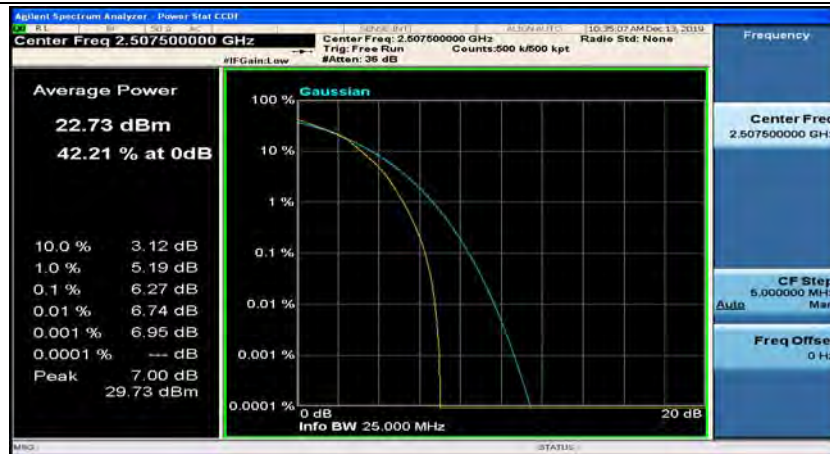
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



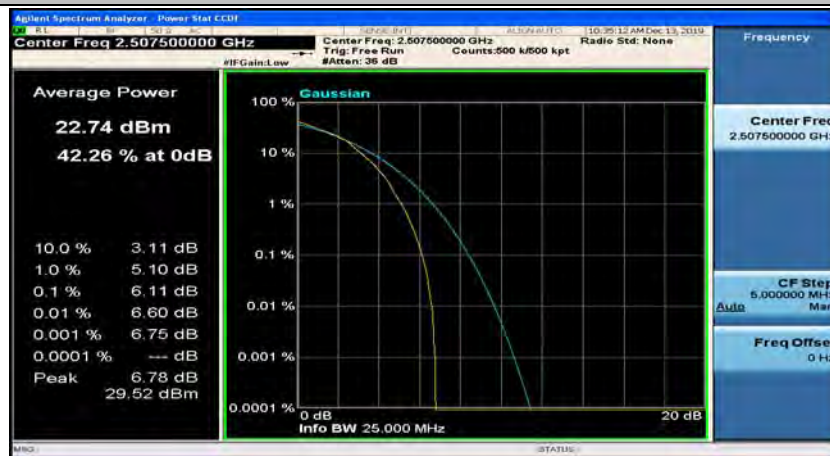
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



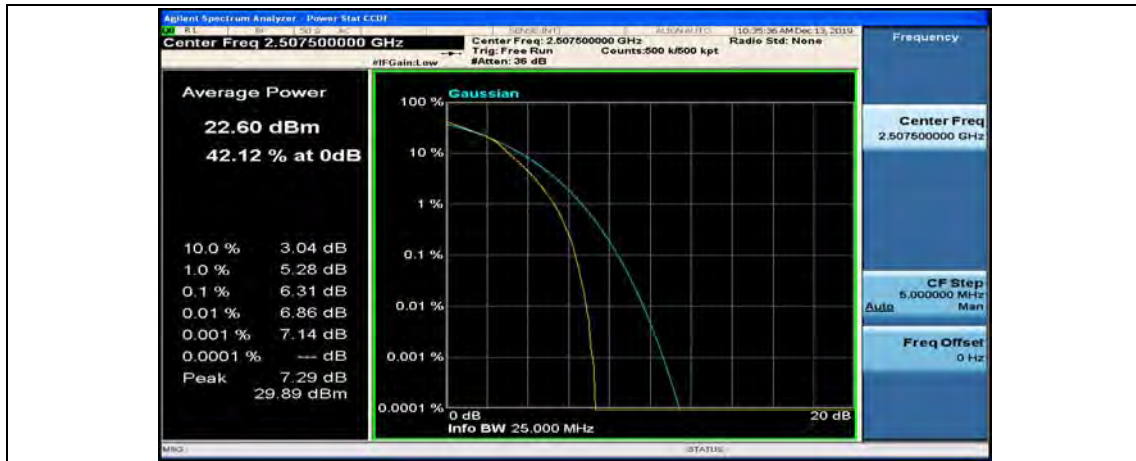
(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



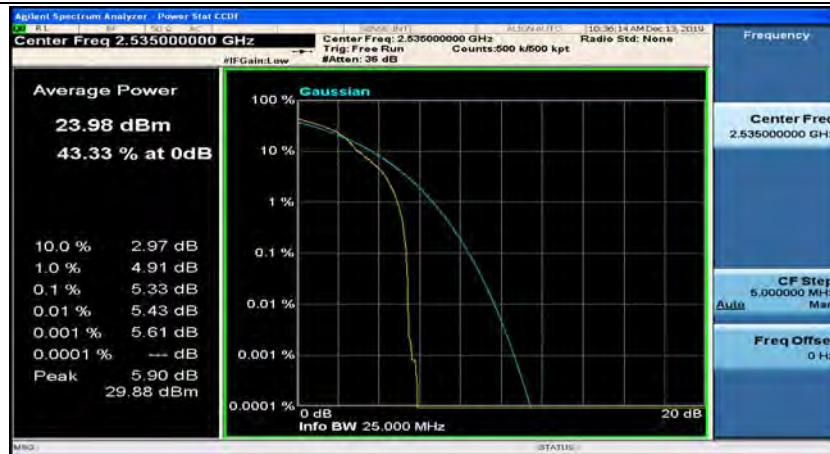
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37



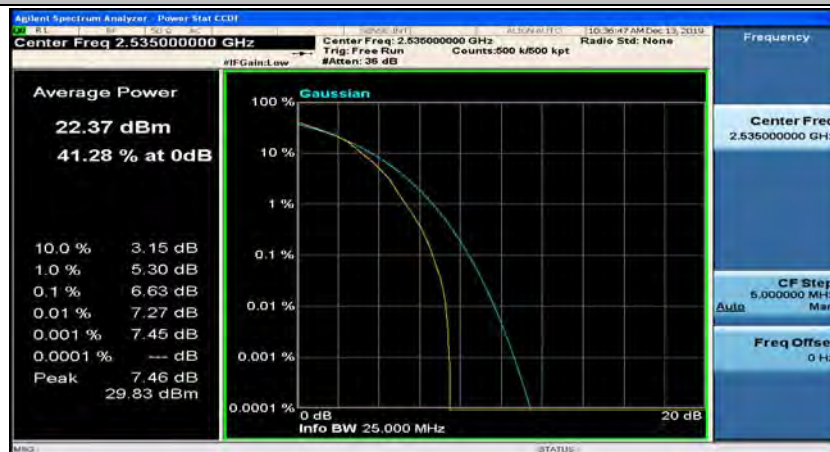
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



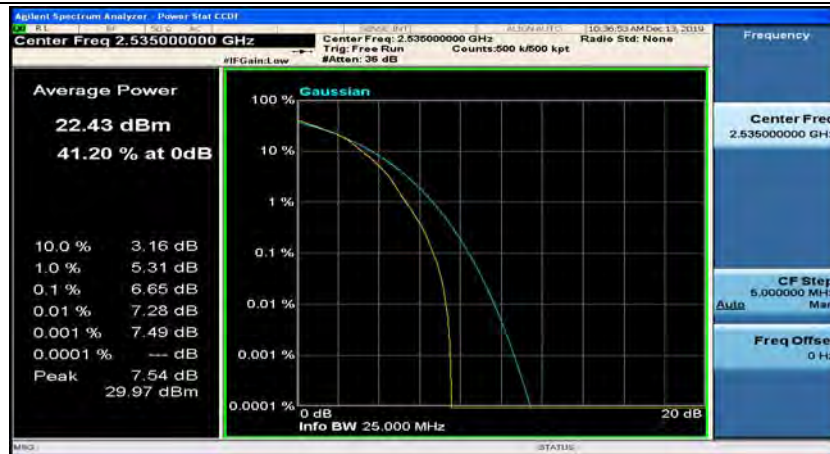
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#18



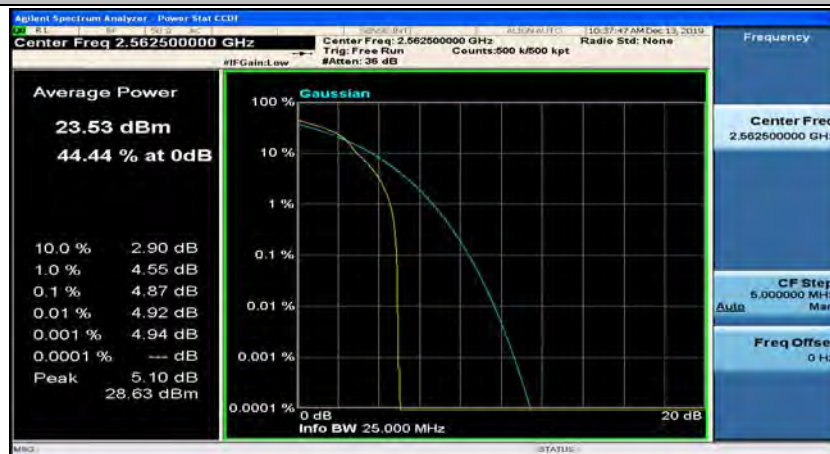
(Channel Bandwidth:15 MHz)_MCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

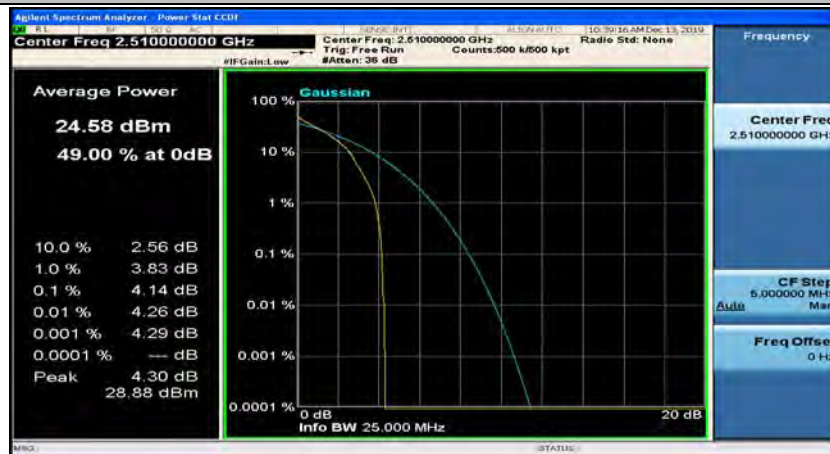


Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_MCH_QPSK_50RB#50



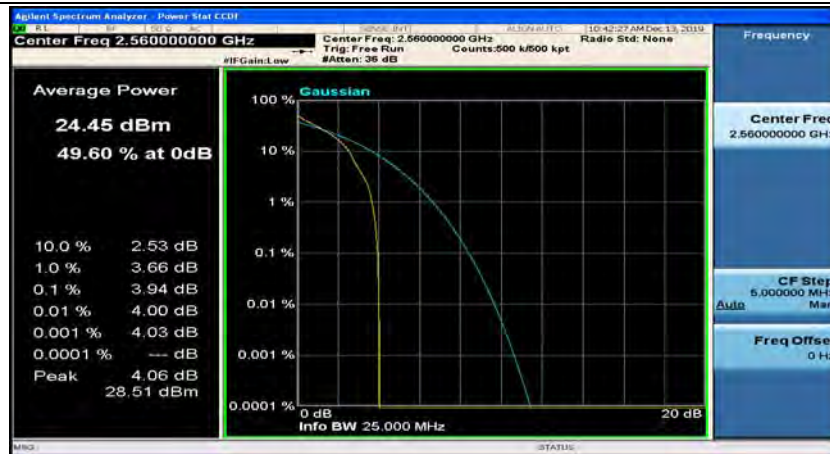
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



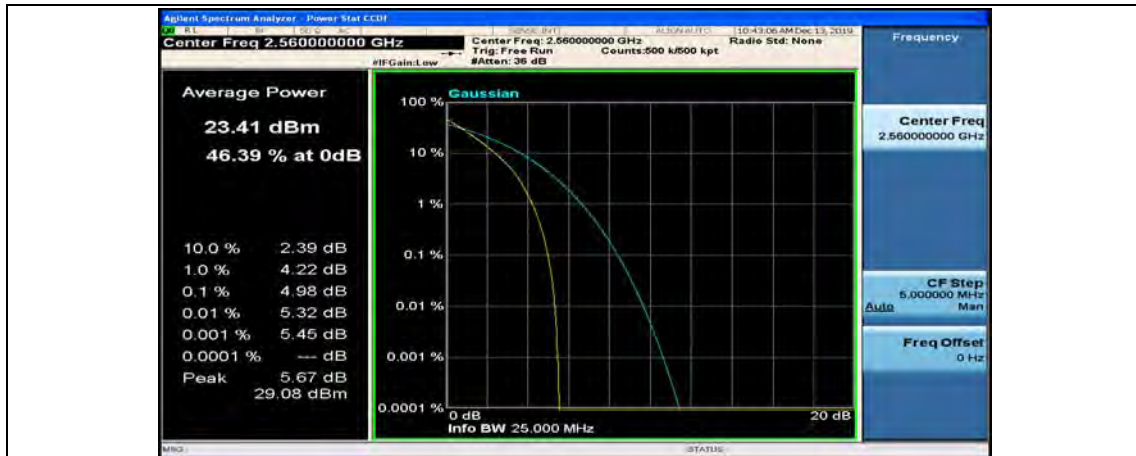
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



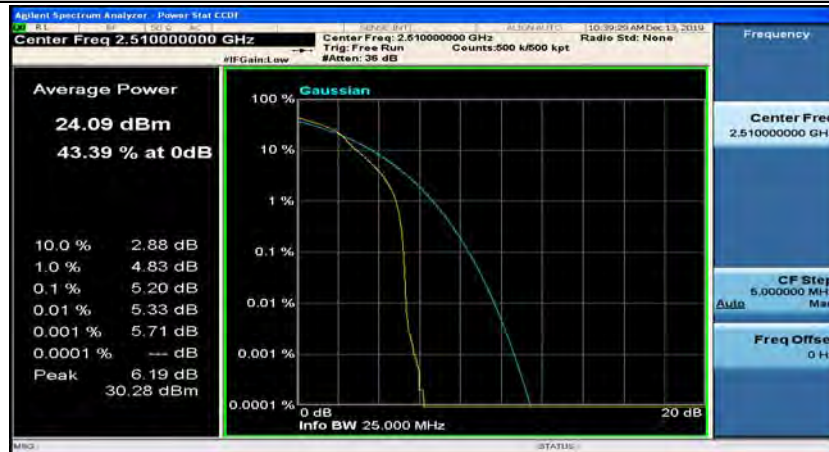
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



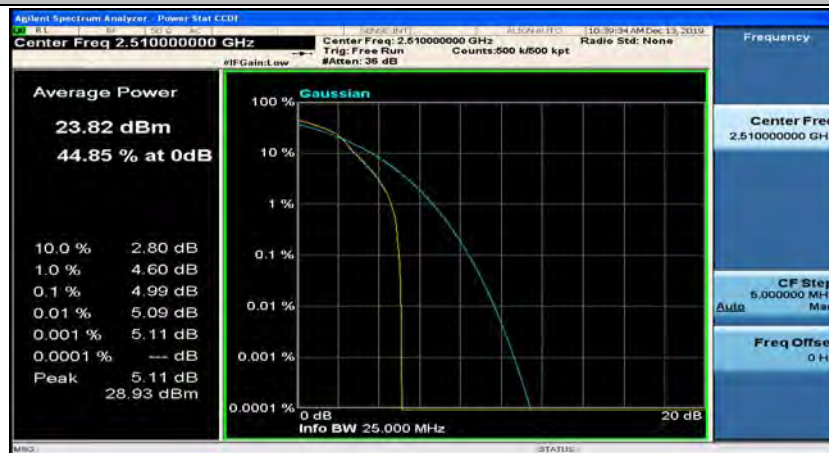
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



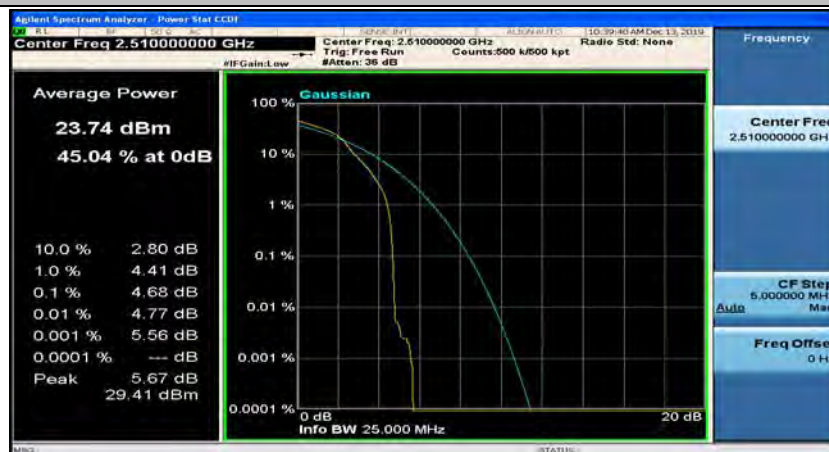
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#0



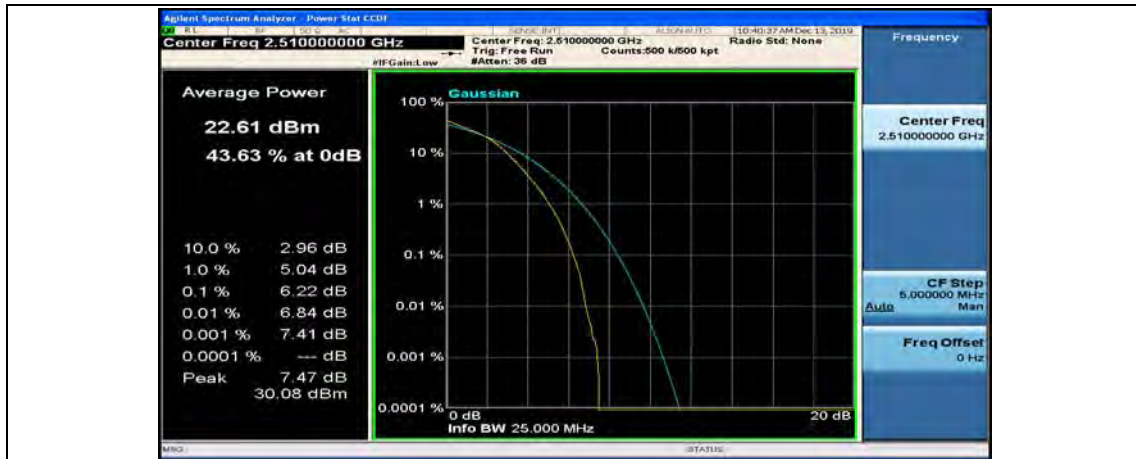
(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_LCH_16QAM_50RB#50



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



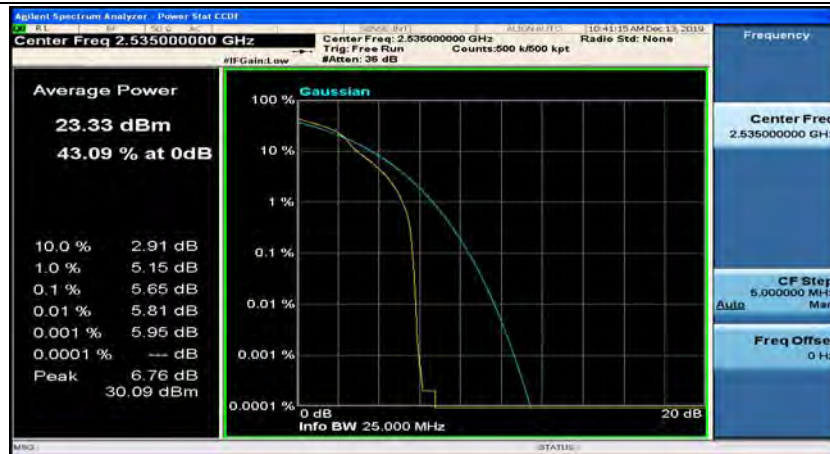
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0



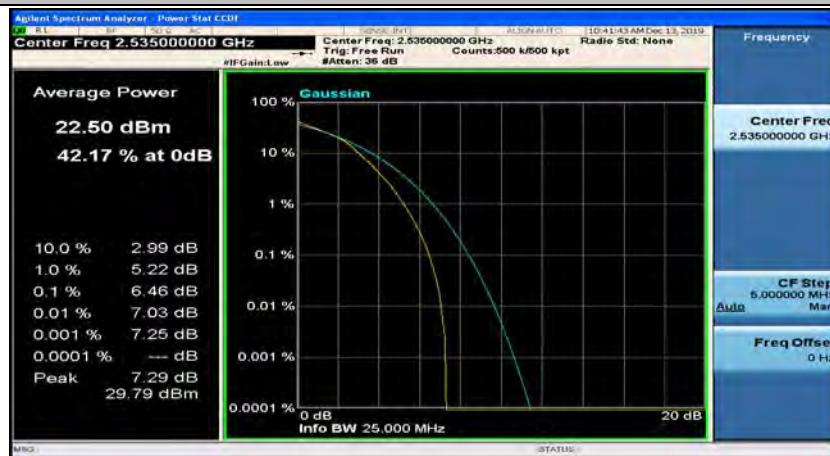
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49



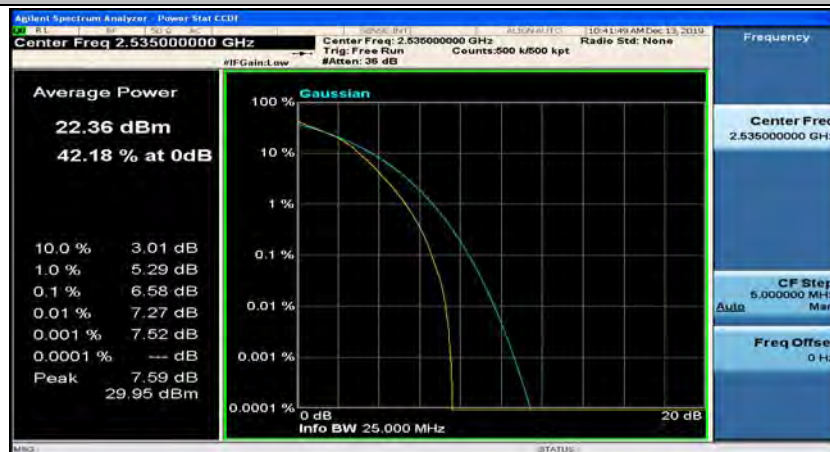
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_MCH_16QAM_50RB#50



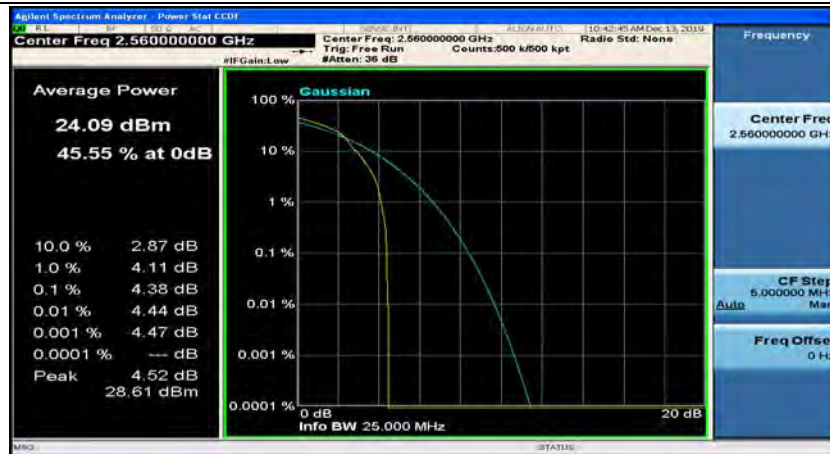
(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



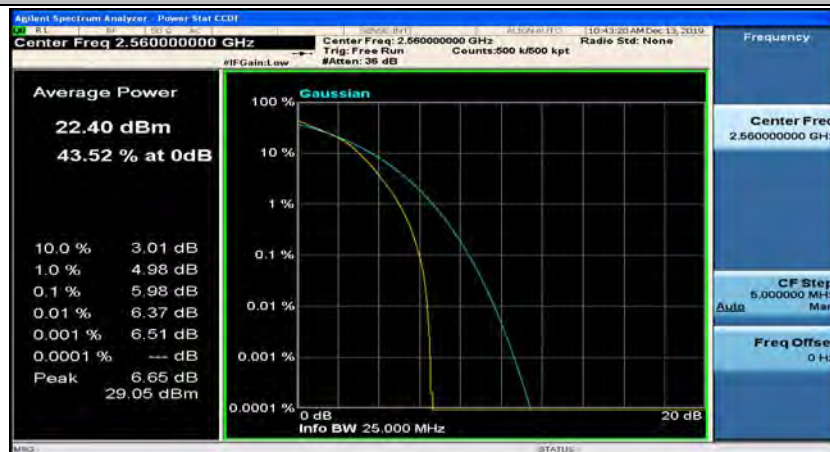
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



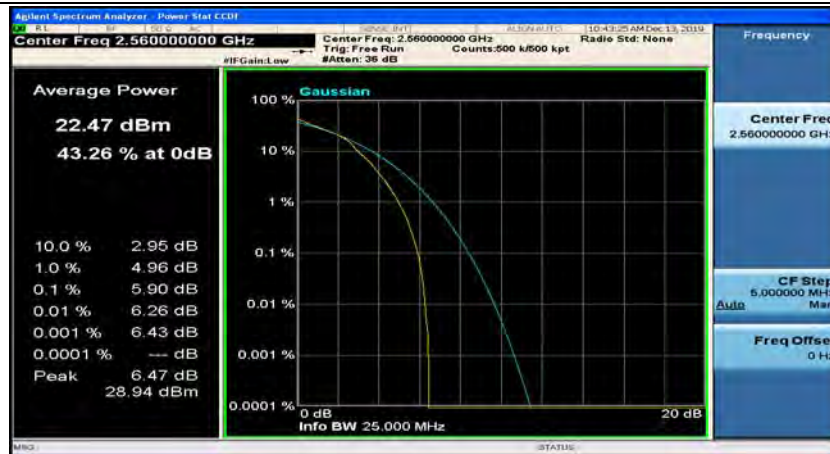
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



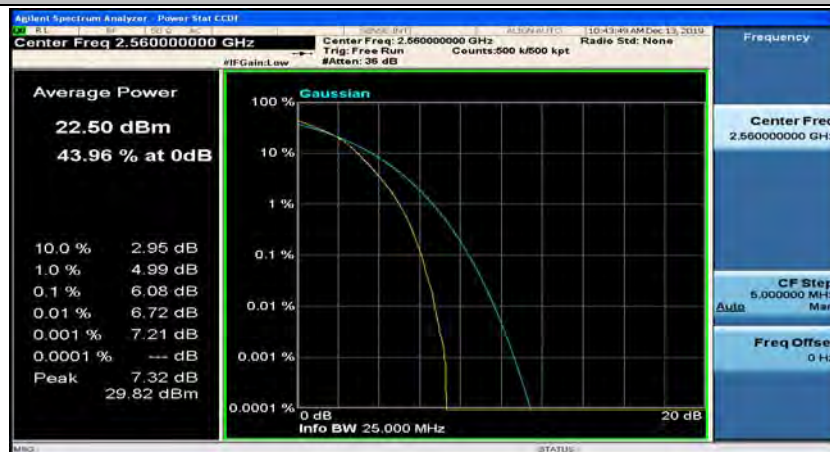
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | |
|--------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 25 | 0 | 4.4789 | 4.809 | PASS |
| | MCH | 25 | 0 | 4.4675 | 4.865 | PASS |
| | HCH | 25 | 0 | 4.4660 | 4.827 | PASS |
| 16QAM | LCH | 25 | 0 | 4.4682 | 4.832 | PASS |
| | MCH | 25 | 0 | 4.4791 | 4.817 | PASS |
| | HCH | 25 | 0 | 4.4725 | 4.796 | PASS |

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 50 | 0 | 8.9417 | 9.471 | PASS |
| | MCH | 50 | 0 | 8.9543 | 9.500 | PASS |
| | HCH | 50 | 0 | 8.9373 | 9.584 | PASS |
| 16QAM | LCH | 50 | 0 | 8.9288 | 9.491 | PASS |
| | MCH | 50 | 0 | 8.9349 | 9.480 | PASS |
| | HCH | 50 | 0 | 8.9272 | 9.570 | PASS |

Channel Bandwidth: 15 MHz

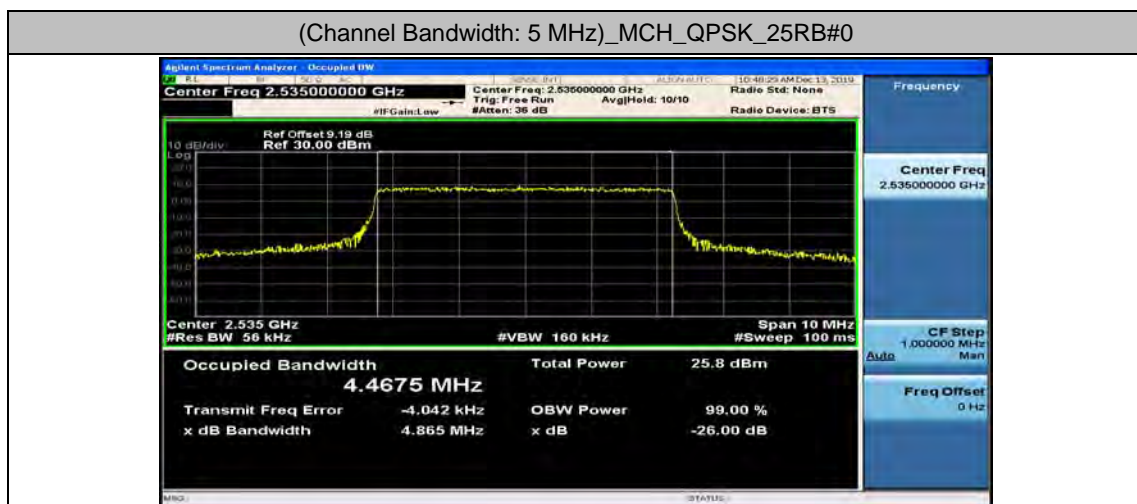
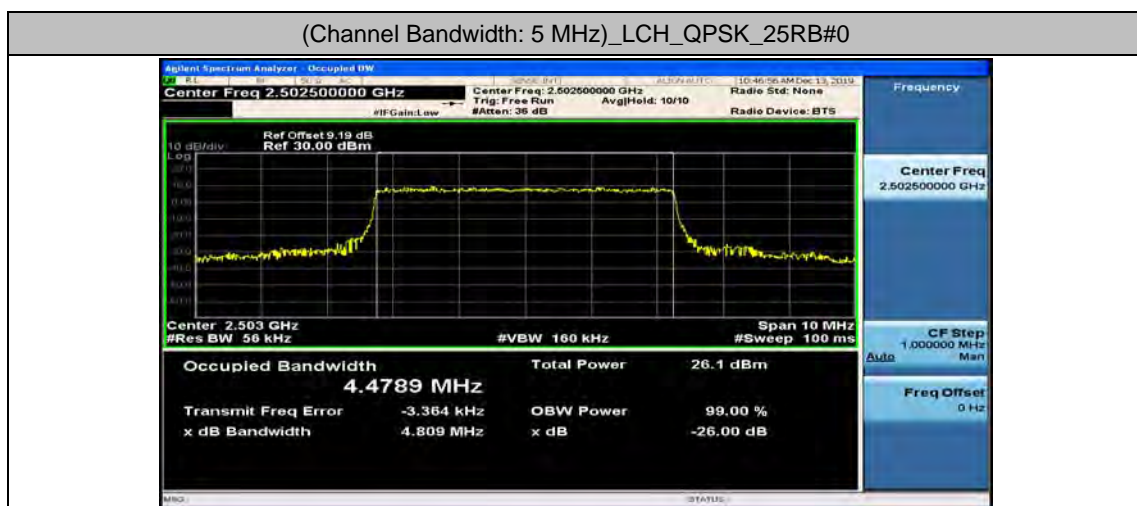
| Channel Bandwidth: 15 MHz | | | | | | |
|---------------------------|---------|------------------|--------|-----------------------------|-------------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 75 | 0 | 13.406 | 14.19 | PASS |
| | MCH | 75 | 0 | 13.387 | 14.15 | PASS |
| | HCH | 75 | 0 | 13.383 | 14.11 | PASS |
| 16QAM | LCH | 75 | 0 | 13.400 | 14.16 | PASS |
| | MCH | 75 | 0 | 13.395 | 14.12 | PASS |
| | HCH | 75 | 0 | 13.381 | 14.11 | PASS |

Channel Bandwidth: 20 MHz

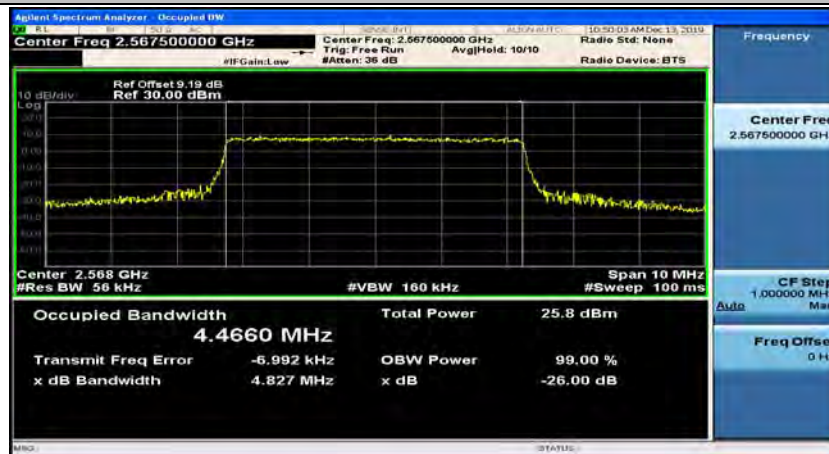
| Channel Bandwidth: 20 MHz | | | | | | |
|---------------------------|---------|------------------|--------|--------------------------|----------------------|---------|
| Modulation | Channel | RB Configuration | | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 100 | 0 | 17.879 | 18.74 | PASS |
| | MCH | 100 | 0 | 17.875 | 18.88 | PASS |
| | HCH | 100 | 0 | 17.847 | 18.69 | PASS |
| 16QAM | LCH | 100 | 0 | 17.871 | 18.75 | PASS |
| | MCH | 100 | 0 | 17.847 | 18.75 | PASS |
| | HCH | 100 | 0 | 17.832 | 18.55 | PASS |

Test Graphs

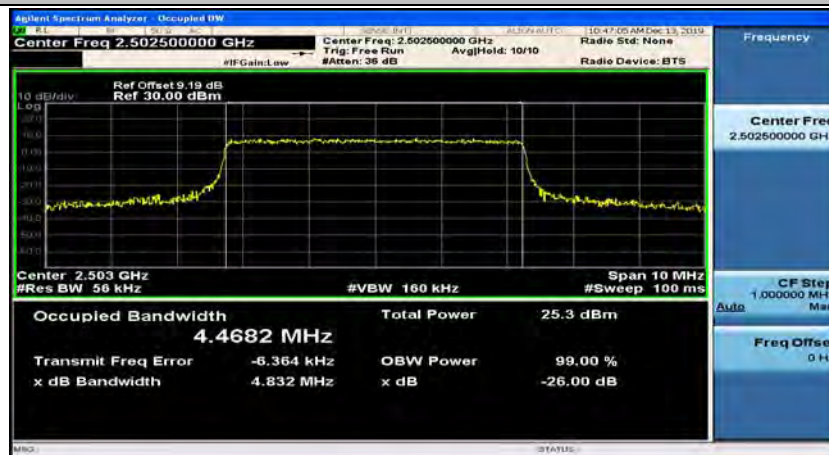
Channel Bandwidth: 5 MHz



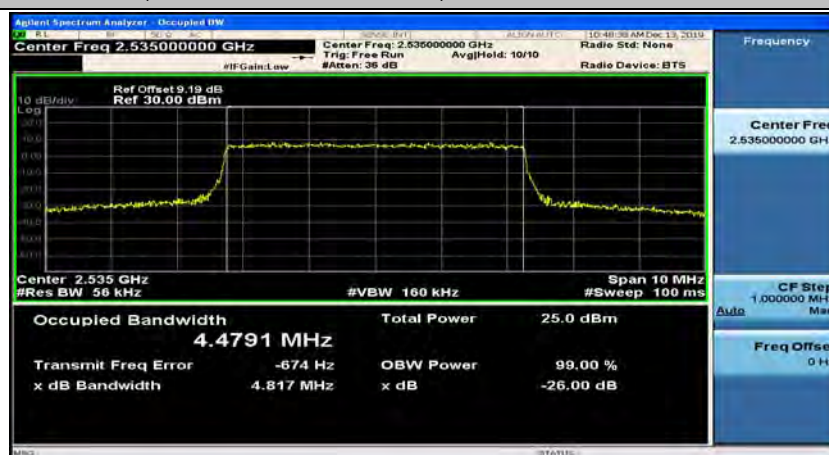
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



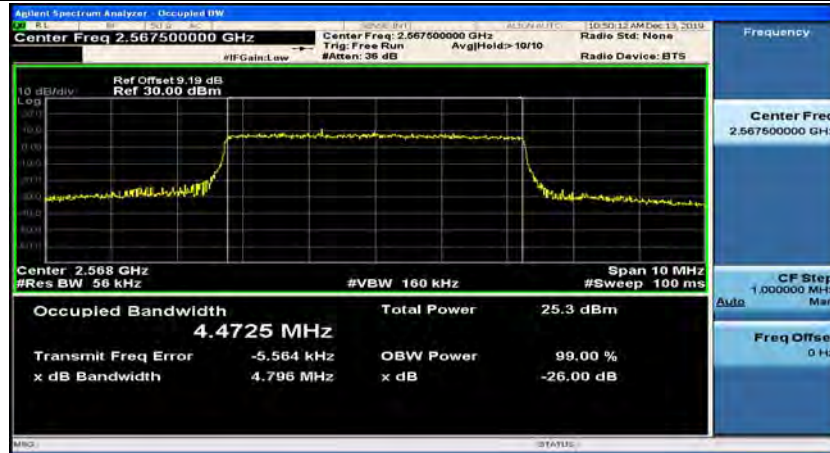
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

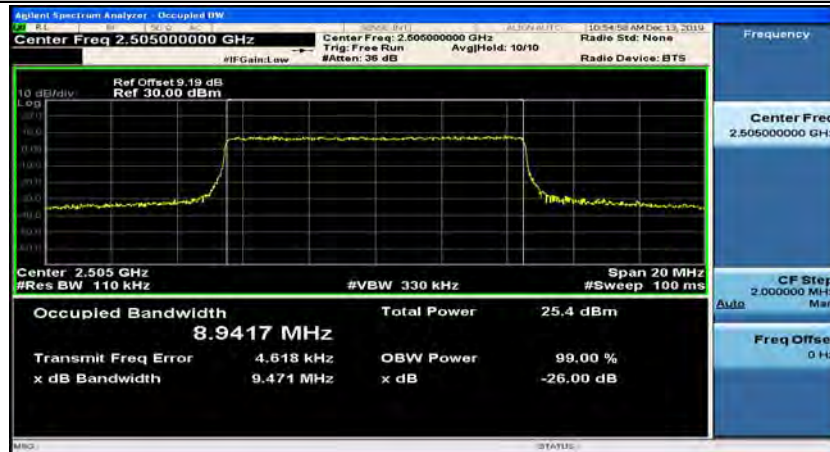


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

