

E.2: 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 | 4.02 | <13 | PASS |
| | | 1 | 12 | 4.72 | <13 | PASS |
| | | 1 | 24 | 4.69 | <13 | PASS |
| | | 12 | 0 | 5.05 | <13 | PASS |
| | | 12 | 6 | 4.93 | <13 | PASS |
| | | 12 | 13 | 5.04 | <13 | PASS |
| | | 25 | 0 | 5.4 | <13 | PASS |
| | MCH | 1 | 0 | 4.71 | <13 | PASS |
| | | 1 | 12 | 4.66 | <13 | PASS |
| | | 1 | 24 | 4.77 | <13 | PASS |
| | | 12 | 0 | 5.05 | <13 | PASS |
| | | 12 | 6 | 4.96 | <13 | PASS |
| | | 12 | 13 | 5.07 | <13 | PASS |
| | | 25 | 0 | 5.48 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.62 | <13 | PASS |
| | | 1 | 12 | 4.87 | <13 | PASS |
| | | 1 | 24 | 4.77 | <13 | PASS |
| | | 12 | 0 | 5.01 | <13 | PASS |
| | | 12 | 6 | 4.99 | <13 | PASS |
| | | 12 | 13 | 5.13 | <13 | PASS |
| | | 25 | 0 | 5.42 | <13 | PASS |
| | MCH | 1 | 0 | 4.51 | <13 | PASS |
| | | 1 | 12 | 5.61 | <13 | PASS |
| | | 1 | 24 | 5.66 | <13 | PASS |
| | | 12 | 0 | 6 | <13 | PASS |
| | | 12 | 6 | 5.82 | <13 | PASS |
| | | 12 | 13 | 5.92 | <13 | PASS |
| | | 25 | 0 | 6.21 | <13 | PASS |

| | | | | | | |
|--|-----|----|----|------|-----|------|
| | HCH | 1 | 0 | 5.45 | <13 | PASS |
| | | 1 | 12 | 5.74 | <13 | PASS |
| | | 1 | 24 | 5.58 | <13 | PASS |
| | | 12 | 0 | 5.88 | <13 | PASS |
| | | 12 | 6 | 5.92 | <13 | PASS |
| | | 12 | 13 | 6.05 | <13 | PASS |
| | | 25 | 0 | 6.28 | <13 | PASS |

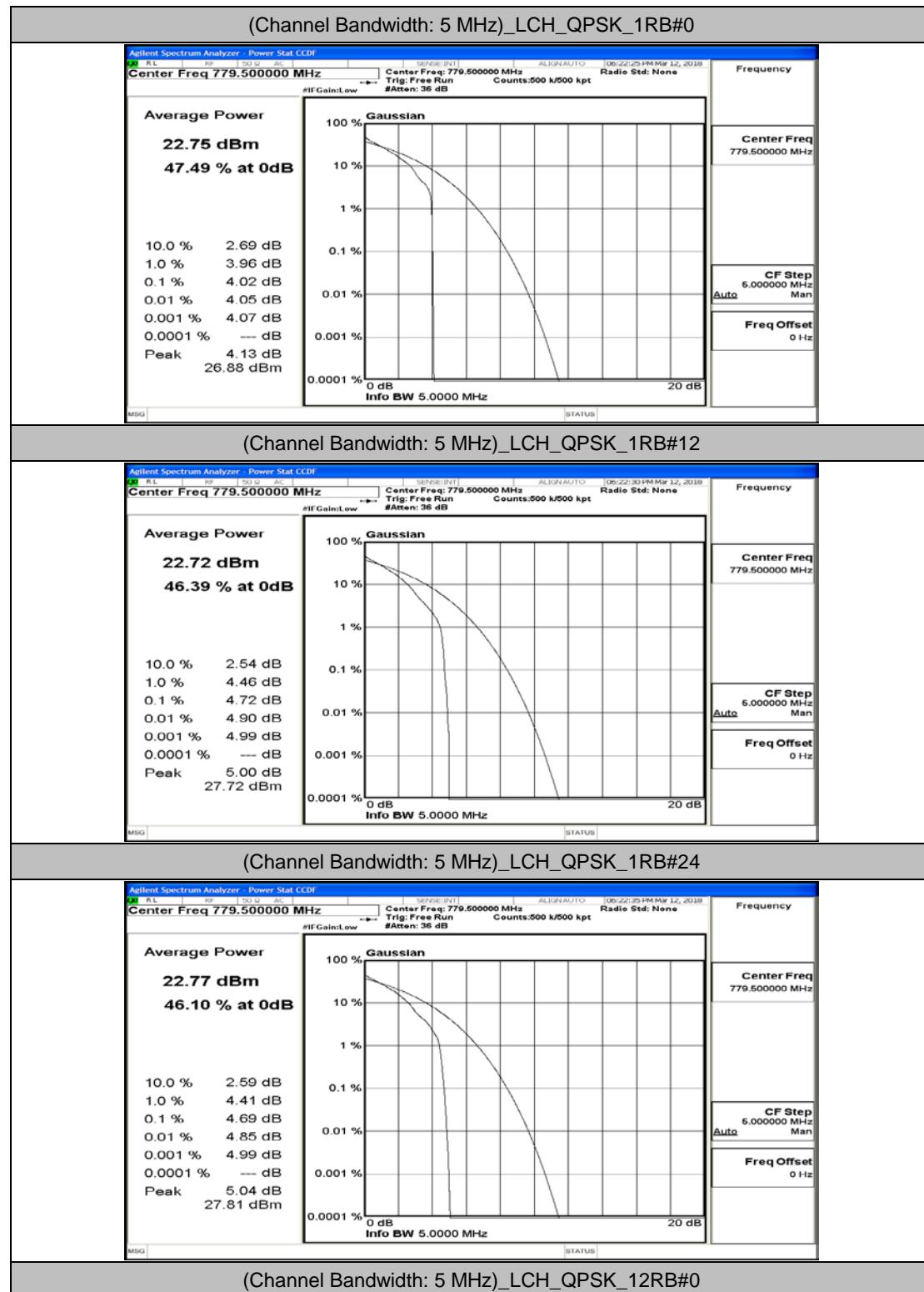
Channel Bandwidth: 10 MHz

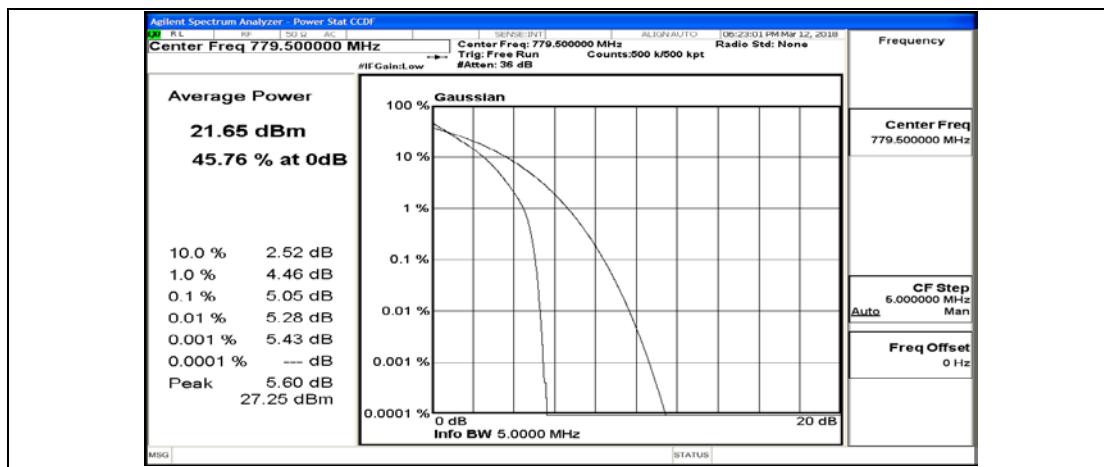
| Channel Bandwidth: 10 MHz | | | | | | |
|---------------------------|---------|------------------|--------|----------------------------|------------|---------|
| Modulation | Channel | RB Configuration | | Peak-to-Average Ratio [dB] | Limit [dB] | Verdict |
| | | Size | Offset | | | |
| QPSK | LCH | 1 | 0 | 4.36 | <13 | PASS |
| | | 1 | 24 | 4.62 | <13 | PASS |
| | | 1 | 49 | 4.74 | <13 | PASS |
| | | 25 | 0 | 5.14 | <13 | PASS |
| | | 25 | 12 | 5.09 | <13 | PASS |
| | | 25 | 25 | 5.08 | <13 | PASS |
| | | 50 | 0 | 5.47 | <13 | PASS |
| | MCH | 1 | 0 | 4.32 | <13 | PASS |
| | | 1 | 24 | 4.64 | <13 | PASS |
| | | 1 | 49 | 4.8 | <13 | PASS |
| | | 25 | 0 | 5.15 | <13 | PASS |
| | | 25 | 12 | 5.1 | <13 | PASS |
| | | 25 | 25 | 5.09 | <13 | PASS |
| | | 50 | 0 | 5.45 | <13 | PASS |
| 16QAM | LCH | 1 | 0 | 4.35 | <13 | PASS |
| | | 1 | 24 | 4.6 | <13 | PASS |
| | | 1 | 49 | 4.82 | <13 | PASS |
| | | 25 | 0 | 5.13 | <13 | PASS |
| | | 25 | 12 | 5.09 | <13 | PASS |
| | | 25 | 25 | 5.09 | <13 | PASS |
| | | 50 | 0 | 5.47 | <13 | PASS |
| | MCH | 1 | 0 | 4.85 | <13 | PASS |
| | | 1 | 24 | 5.56 | <13 | PASS |
| | | 1 | 49 | 5.6 | <13 | PASS |
| | | 25 | 0 | 6 | <13 | PASS |
| | | 25 | 12 | 5.93 | <13 | PASS |
| | | 25 | 25 | 5.99 | <13 | PASS |
| | | 50 | 0 | 6.22 | <13 | PASS |
| | HCH | 1 | 0 | 4.91 | <13 | PASS |
| | | 1 | 24 | 5.55 | <13 | PASS |
| | | 1 | 49 | 5.61 | <13 | PASS |
| | | 25 | 0 | 6 | <13 | PASS |
| | | 25 | 12 | 5.93 | <13 | PASS |
| | | 25 | 25 | 6.02 | <13 | PASS |
| | | 50 | 0 | 6.22 | <13 | PASS |

| | | | | | | |
|--|--|----|----|------|-----|------|
| | | 25 | 0 | 6 | <13 | PASS |
| | | 25 | 12 | 5.93 | <13 | PASS |
| | | 25 | 25 | 6 | <13 | PASS |
| | | 50 | 0 | 6.22 | <13 | PASS |

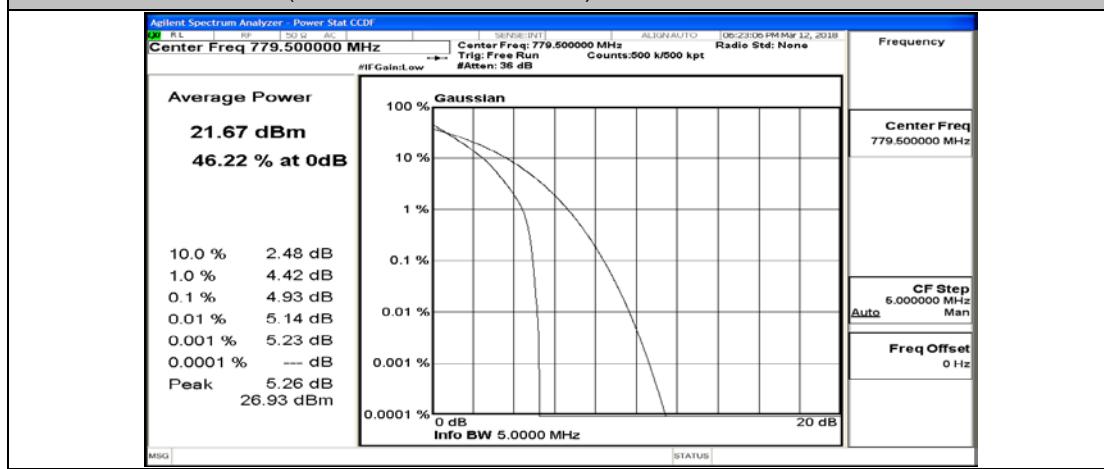
Test Graphs

Channel Bandwidth: 5 MHz

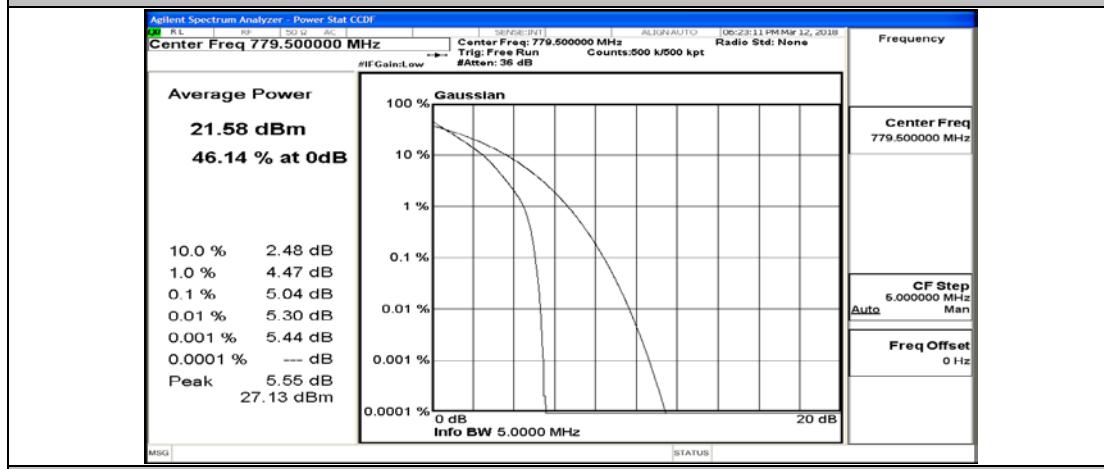




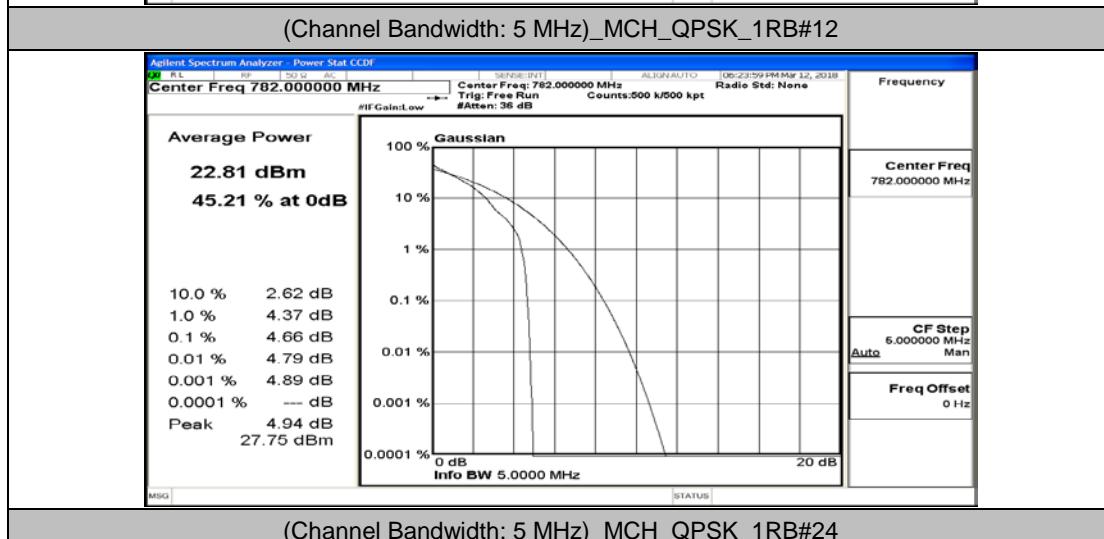
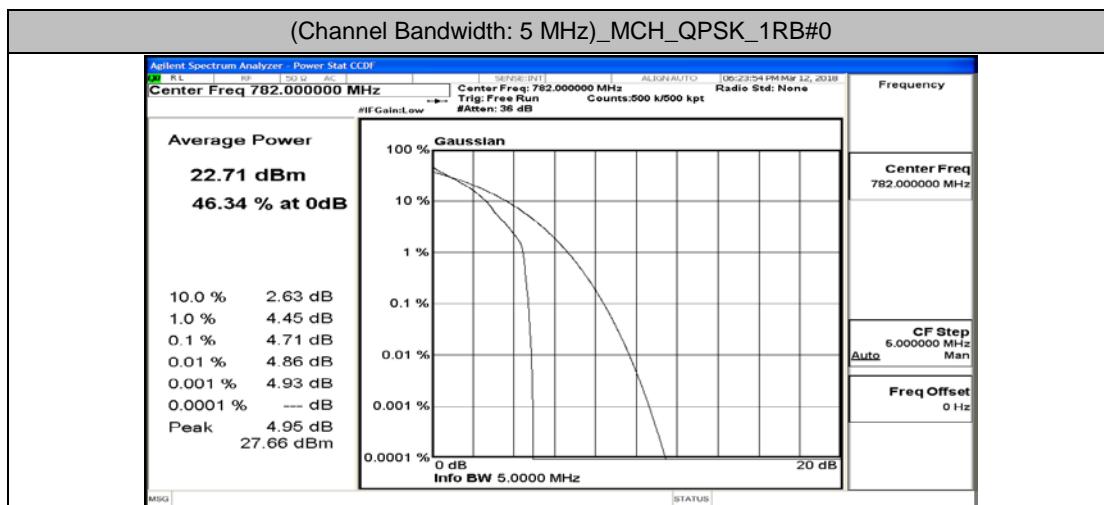
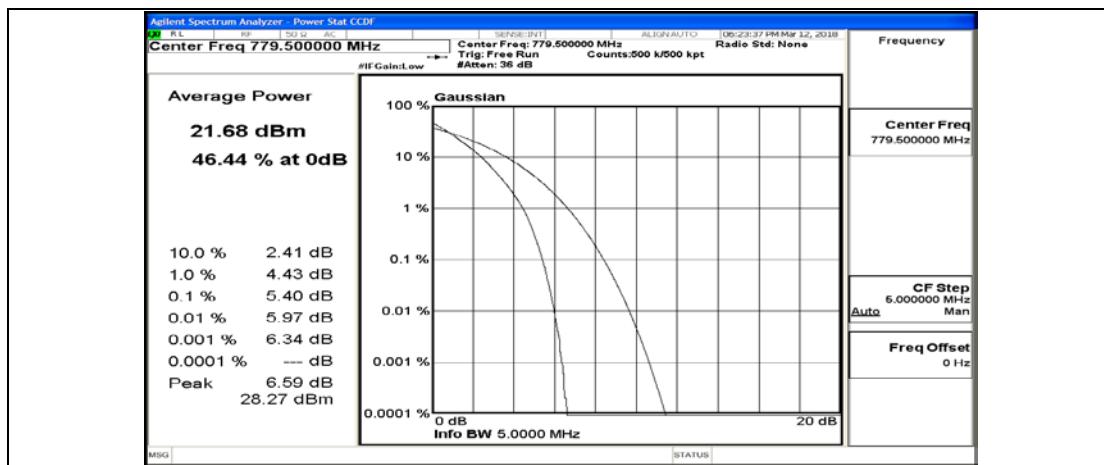
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



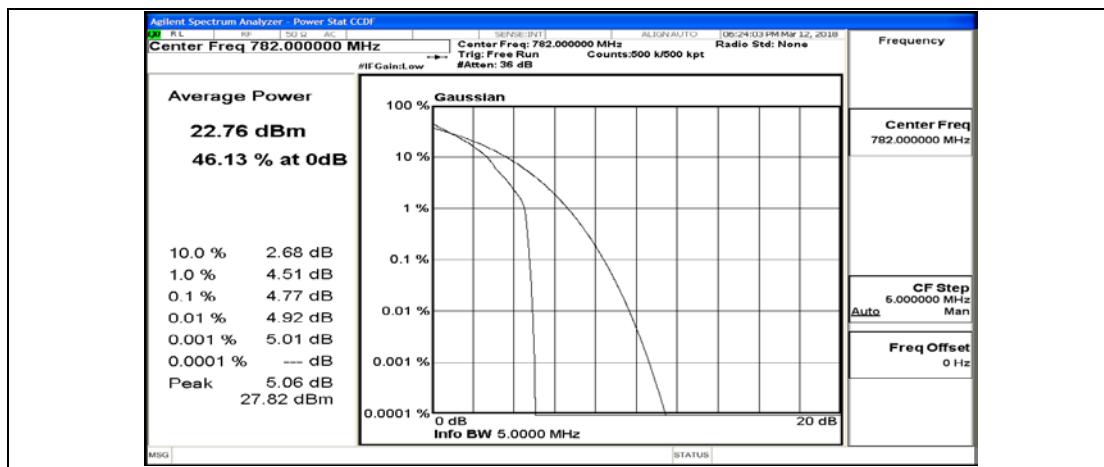
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



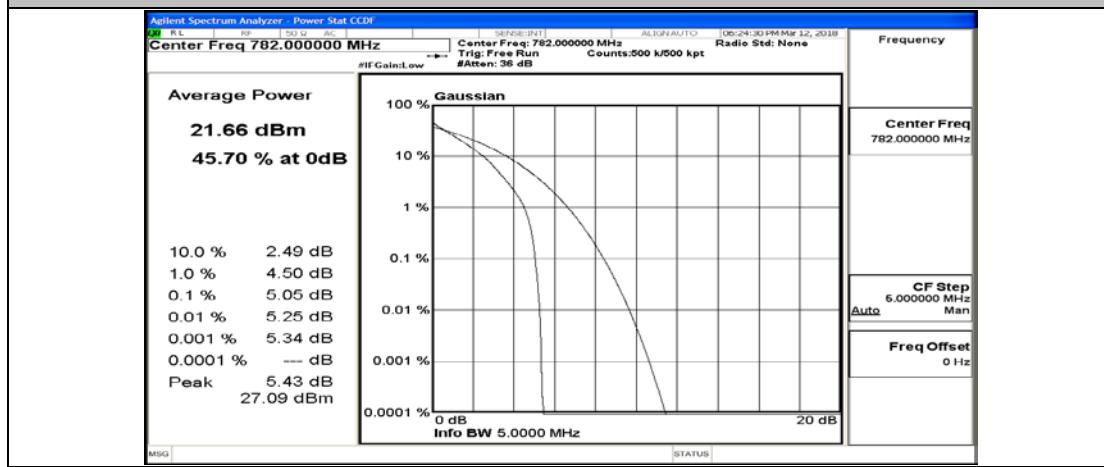
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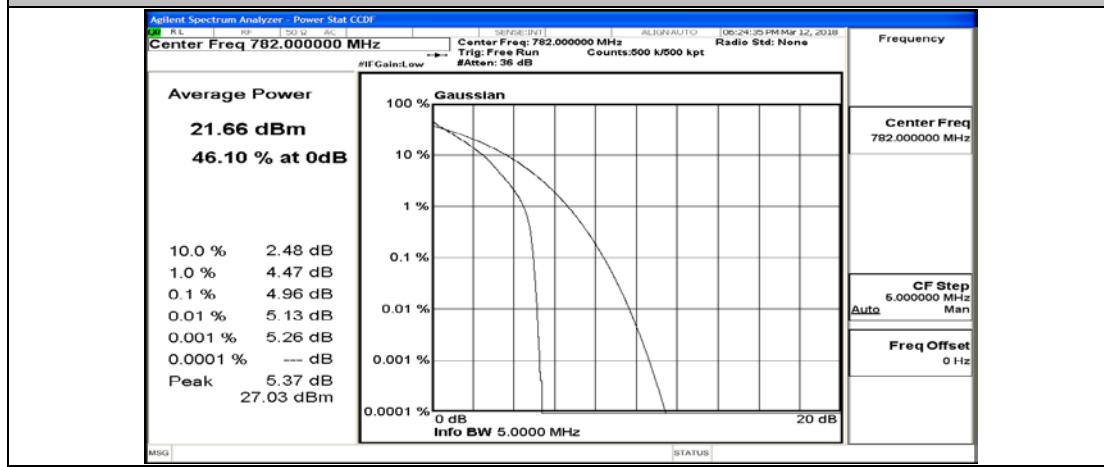
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



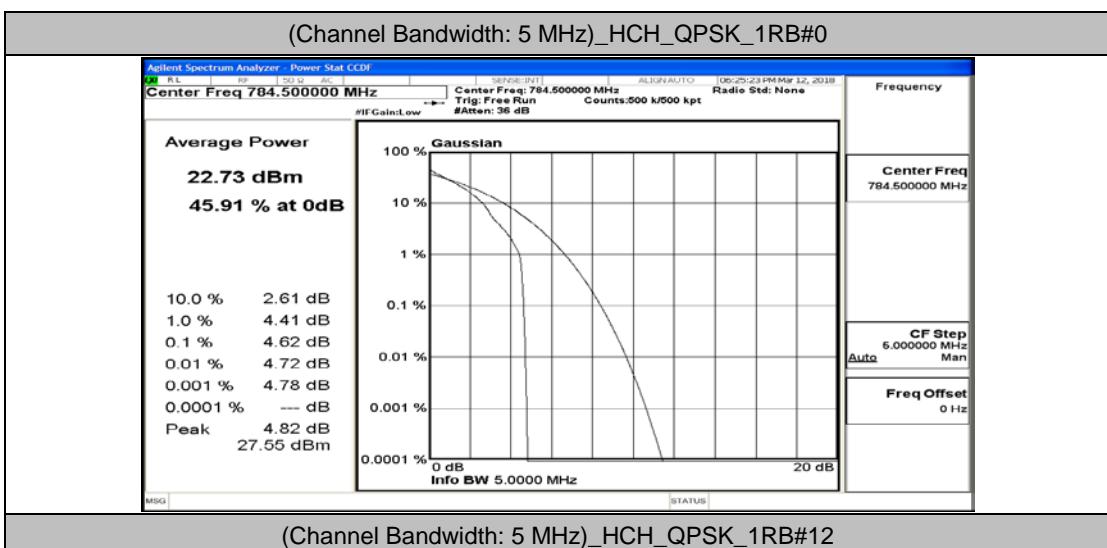
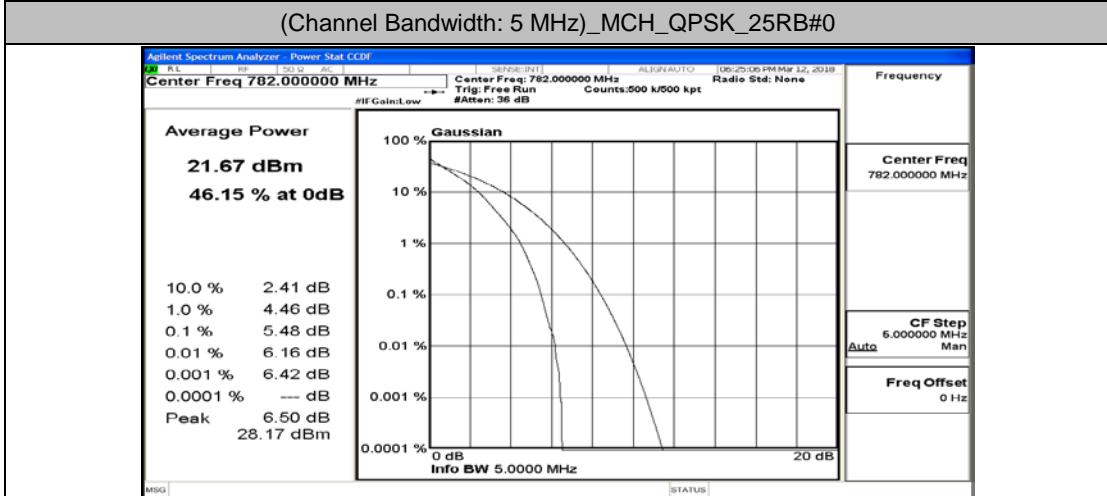
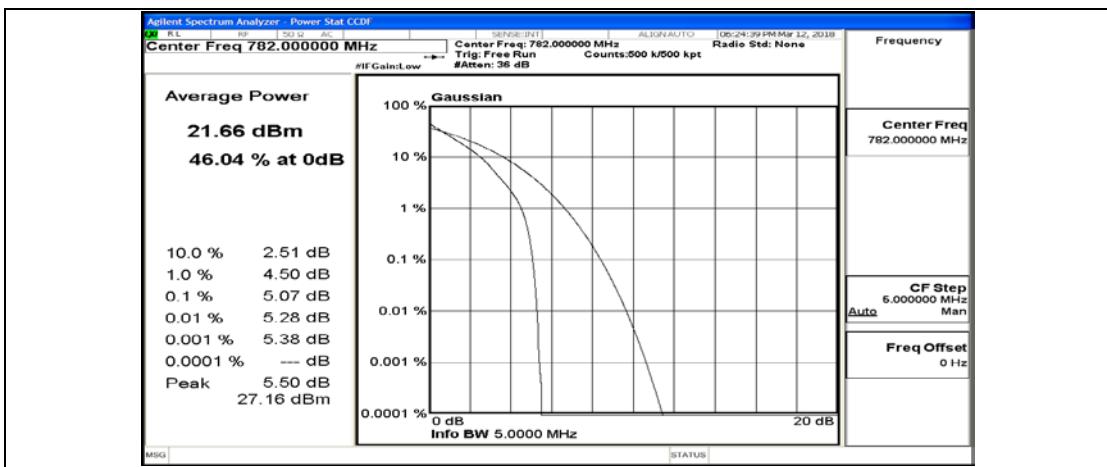
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#0

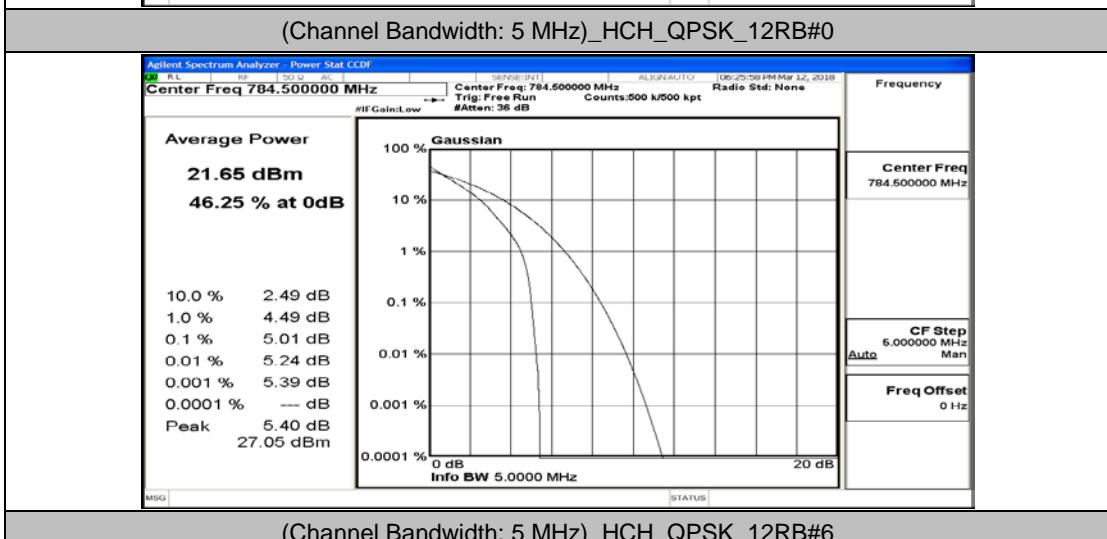
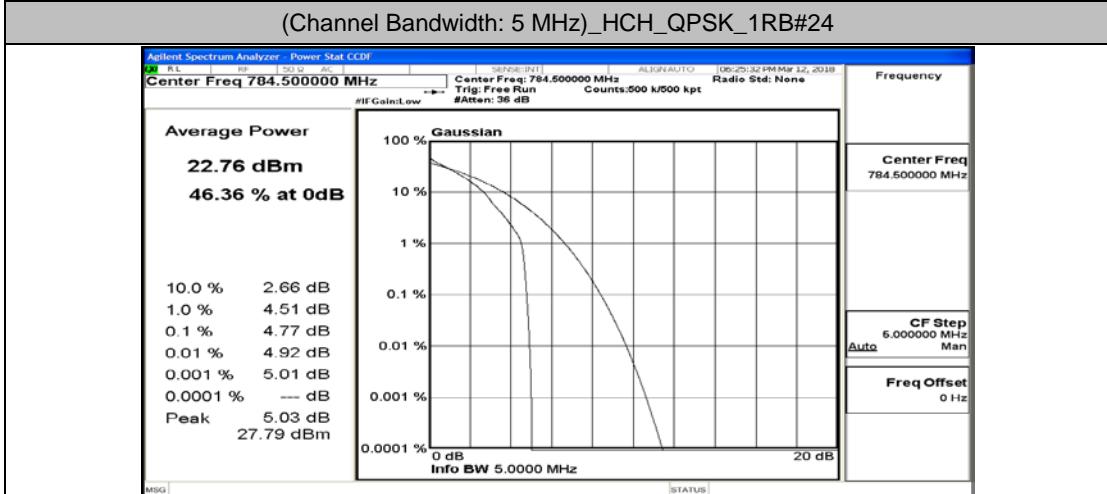
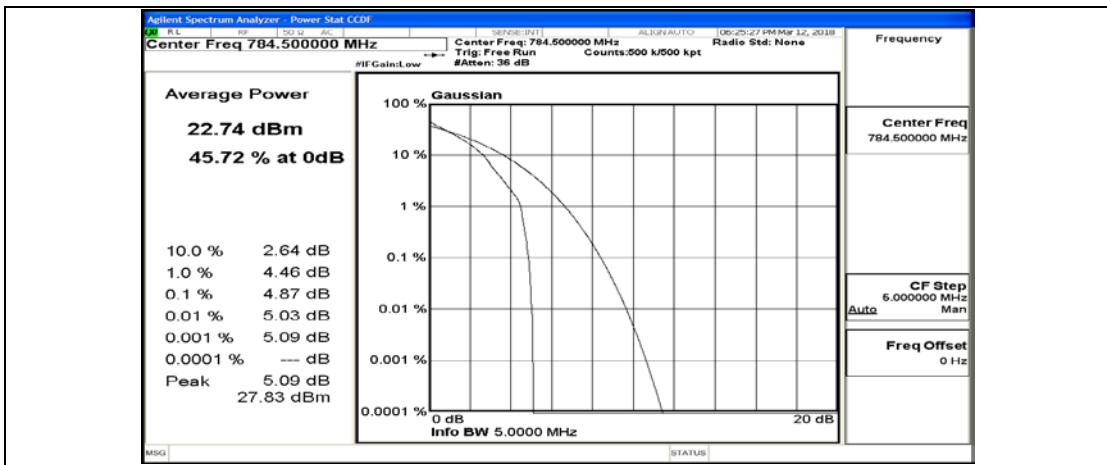


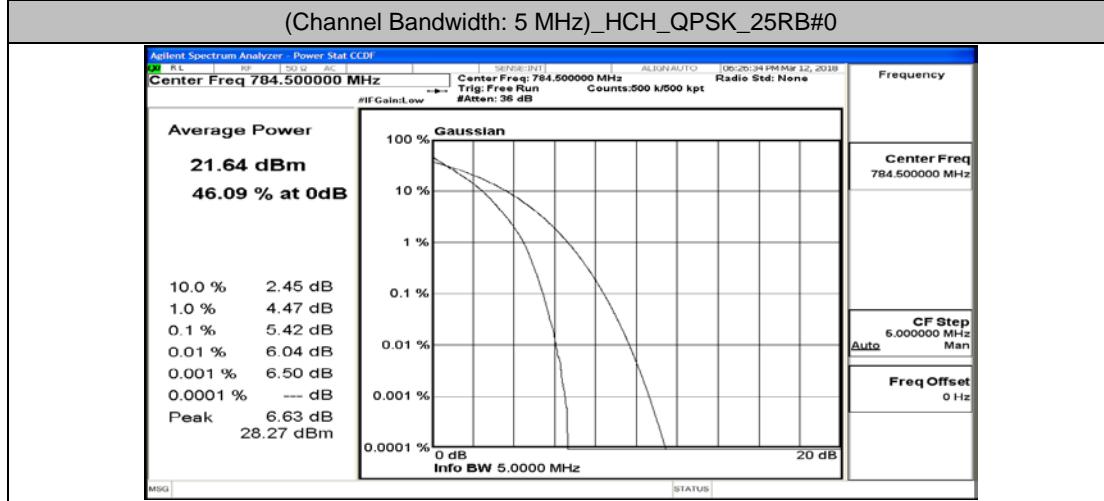
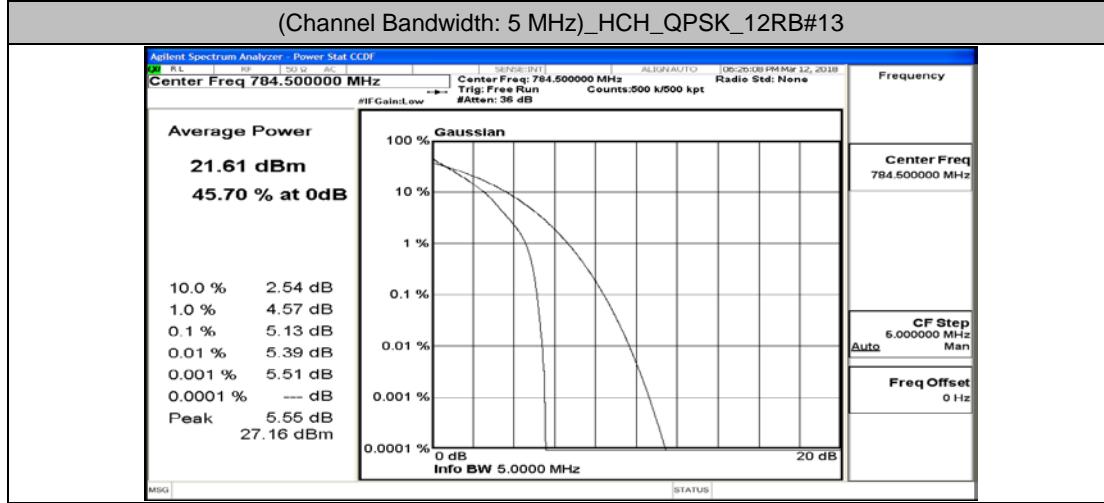
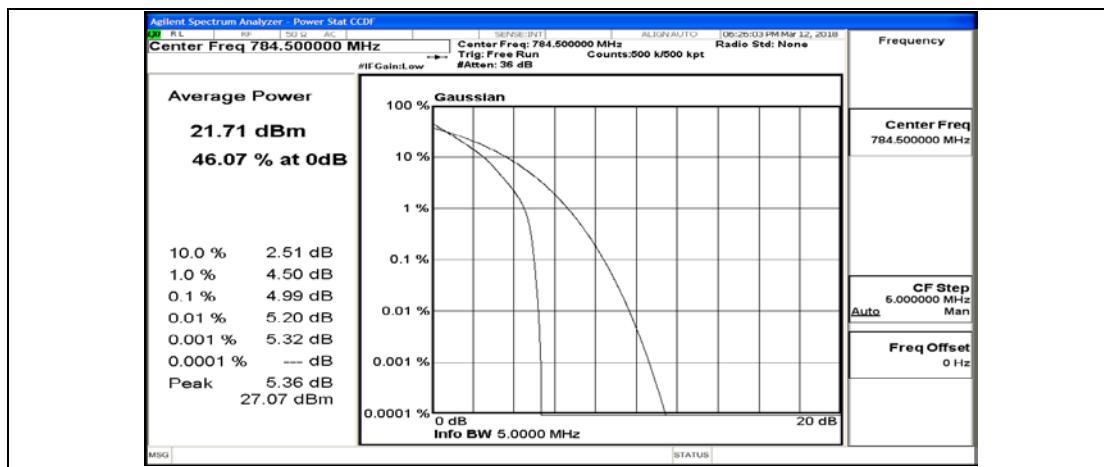
(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13

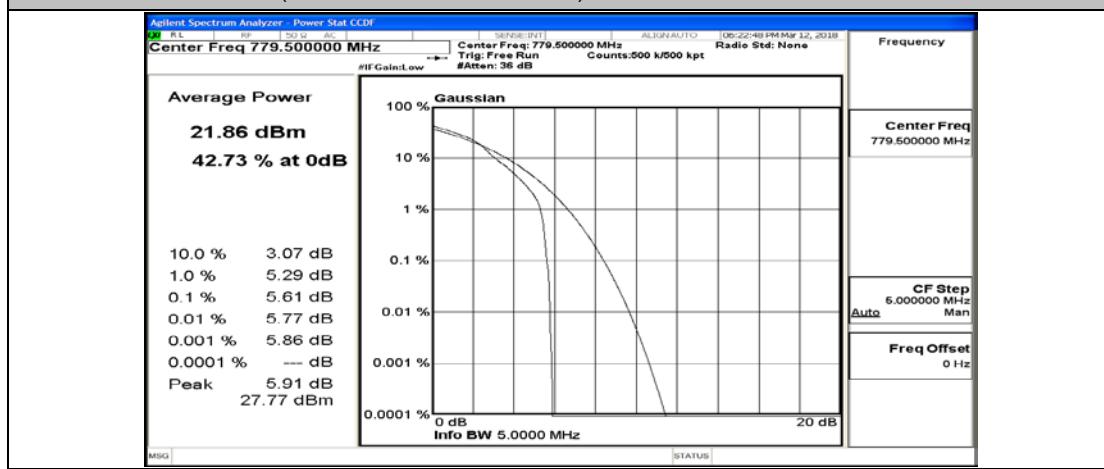




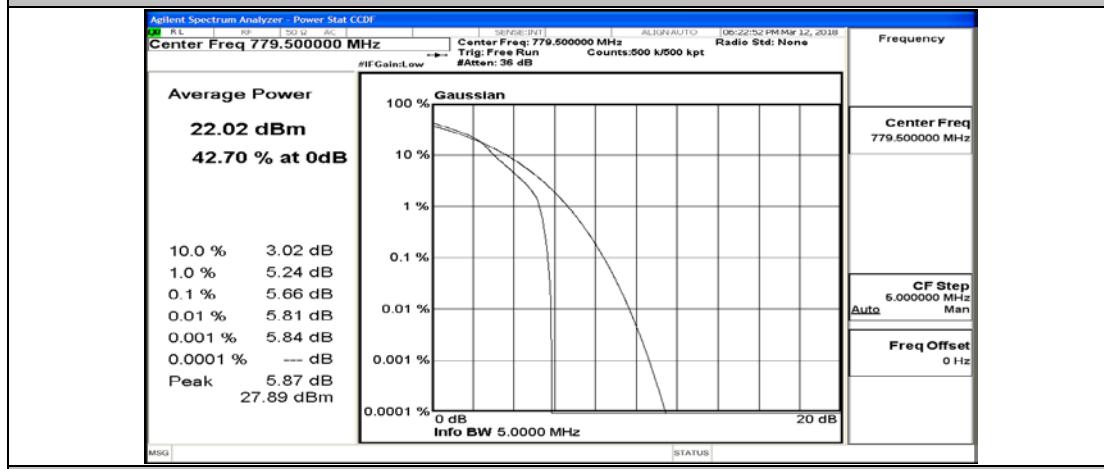




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



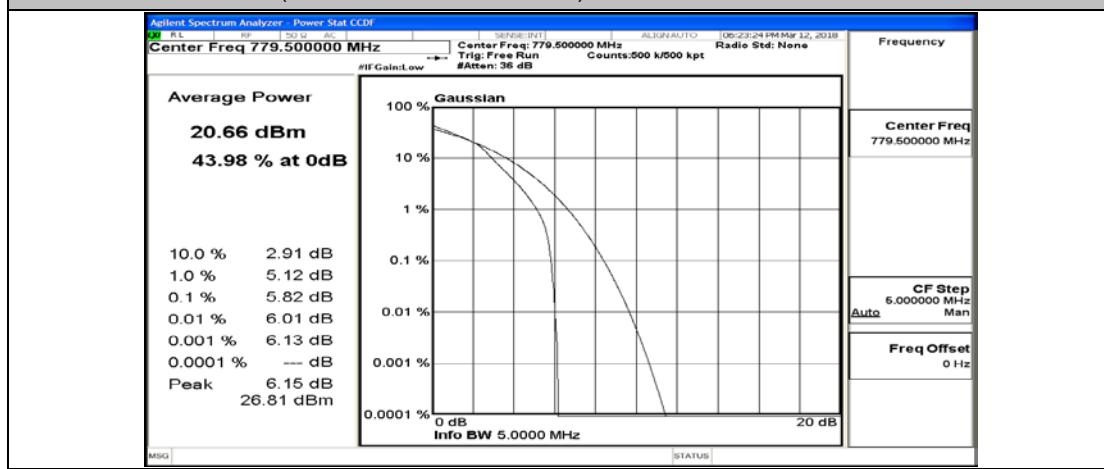
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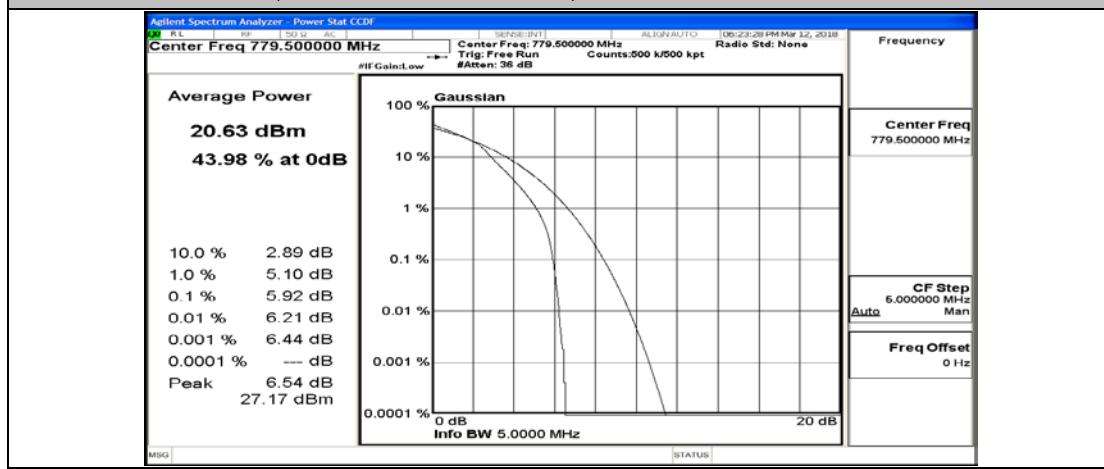
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



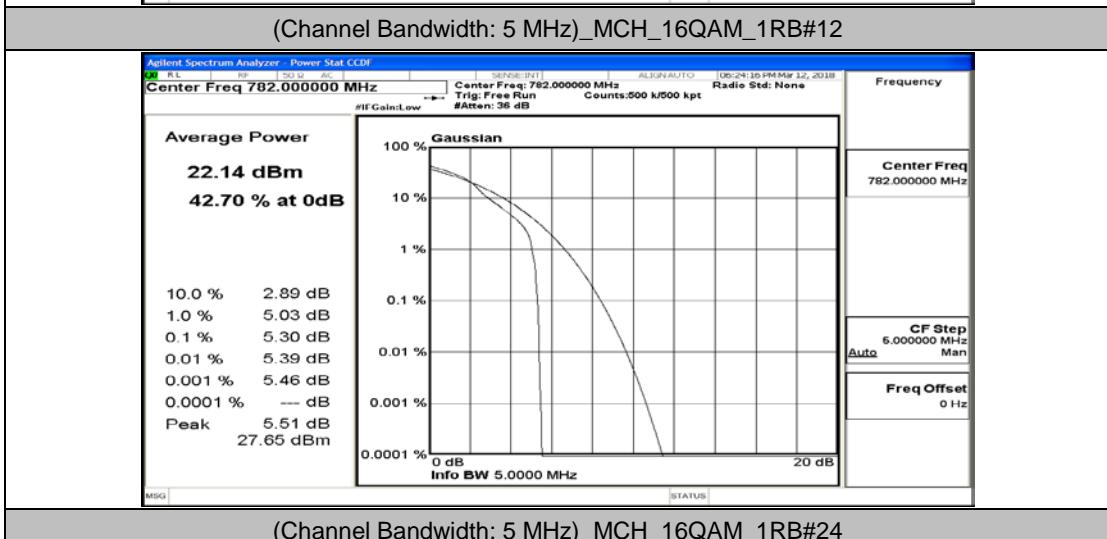
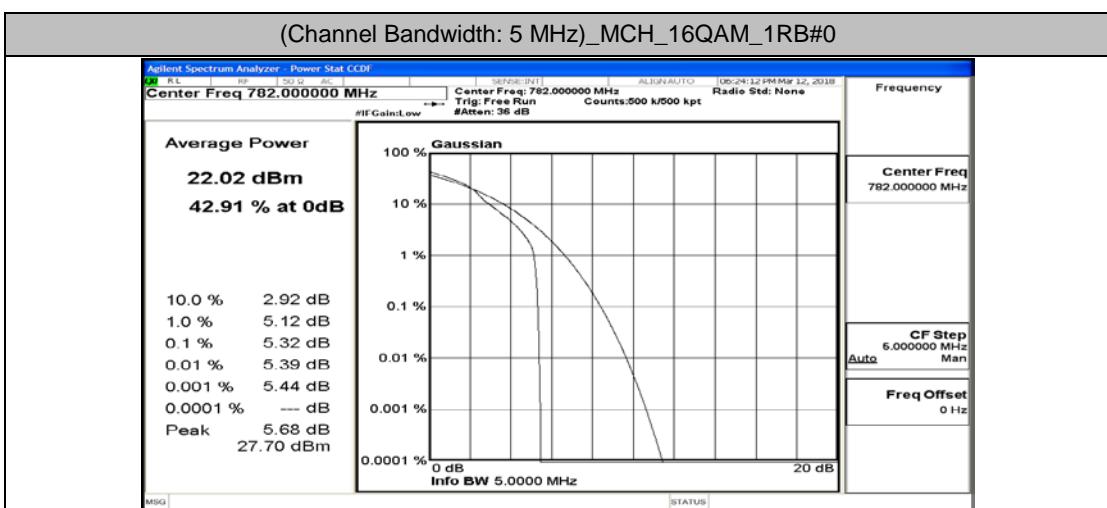
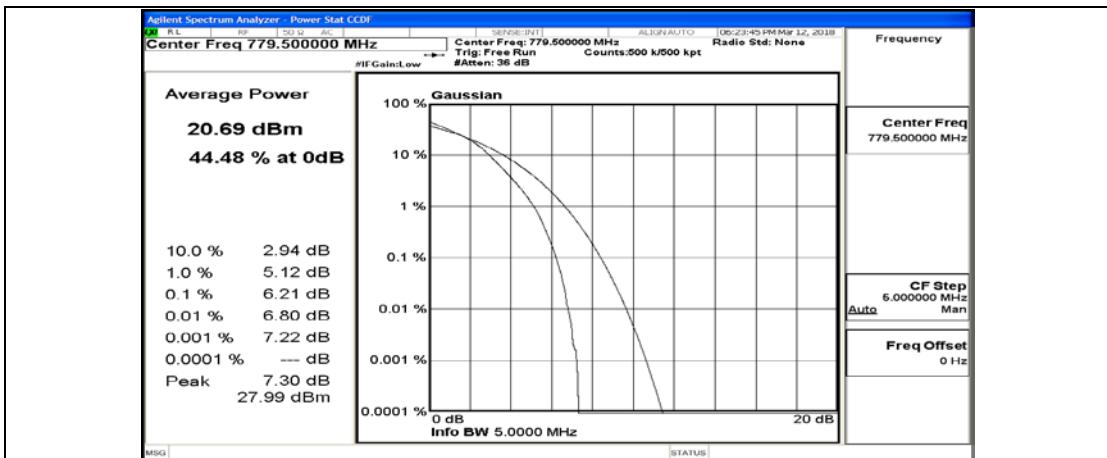
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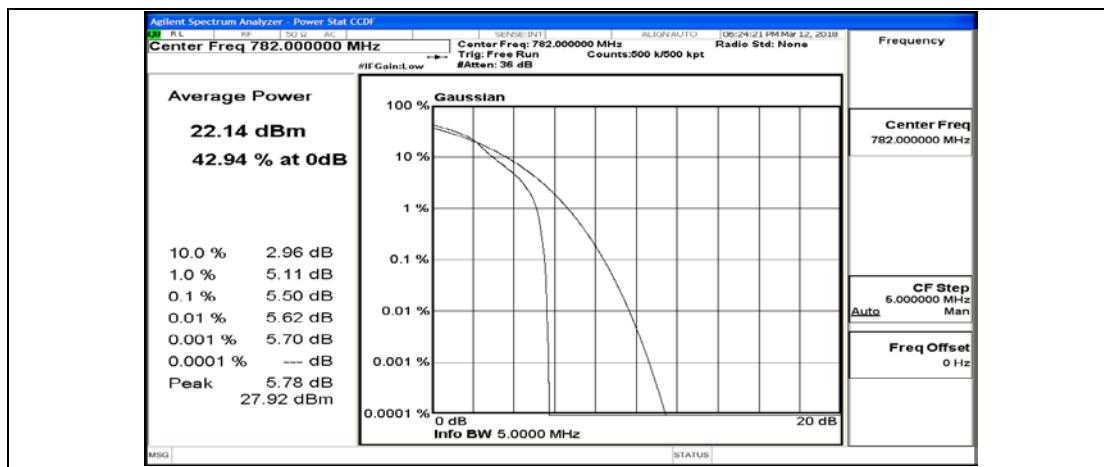
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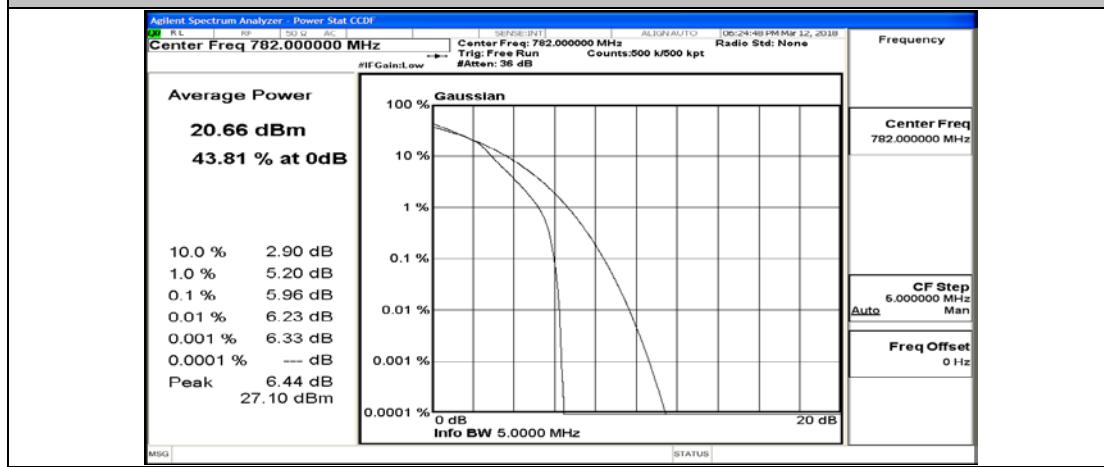
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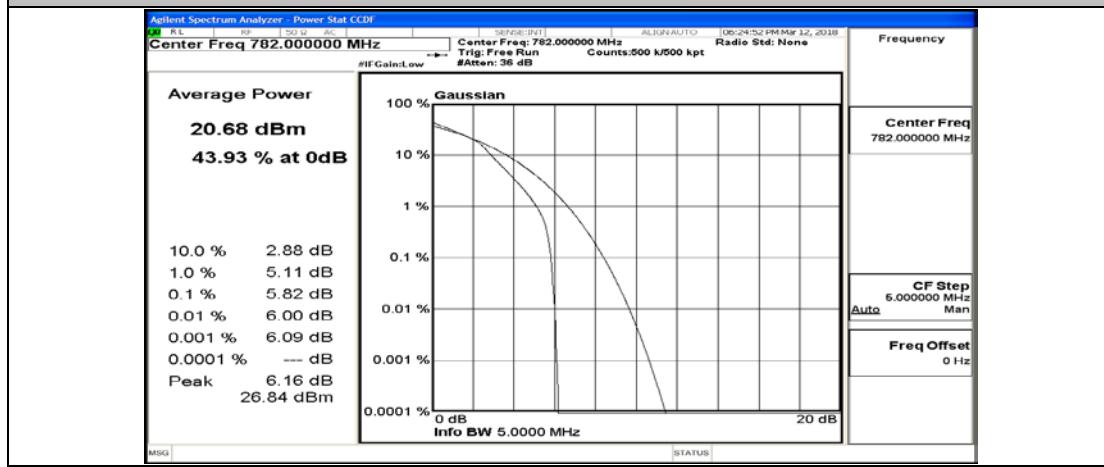
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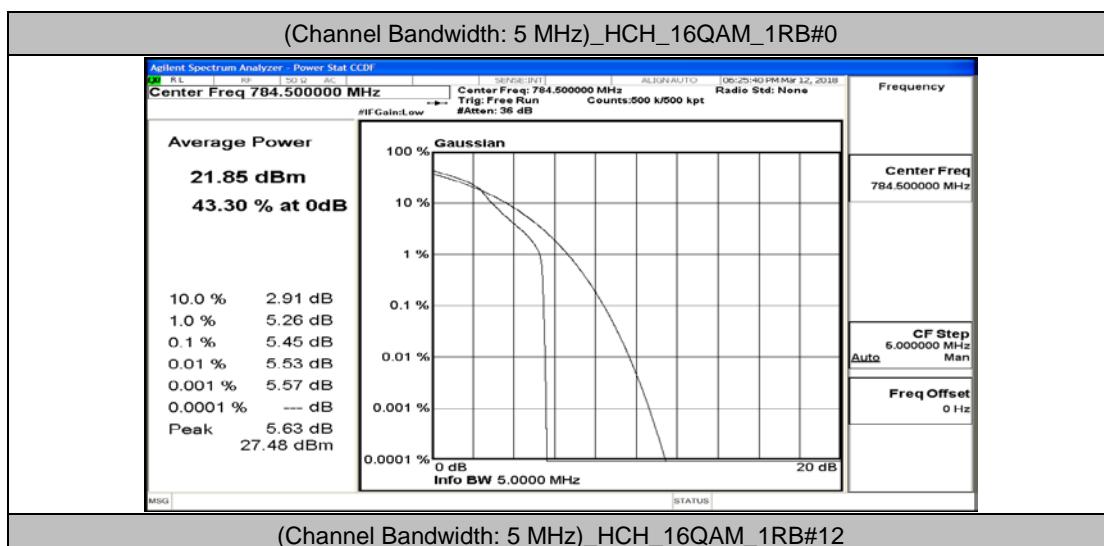
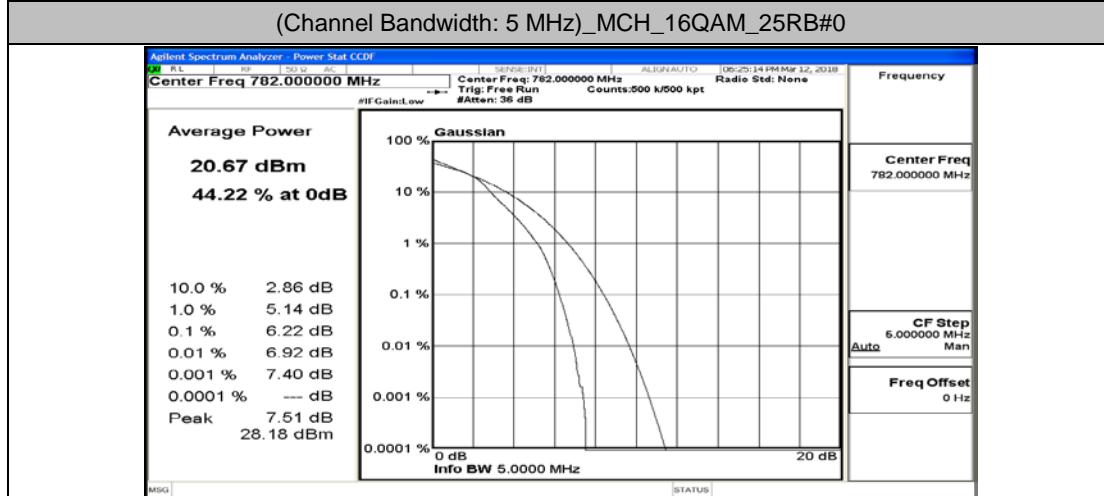
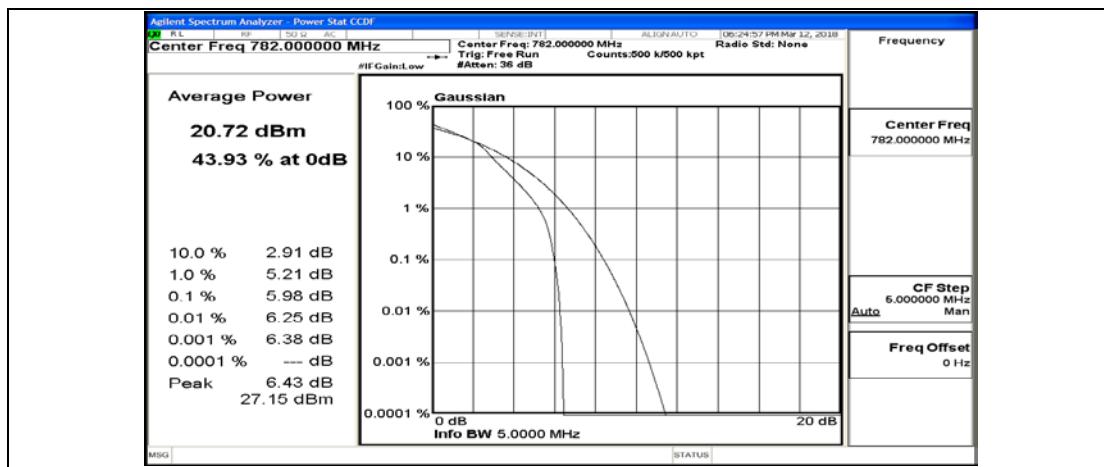
(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_MCH_16QAM_12RB#13



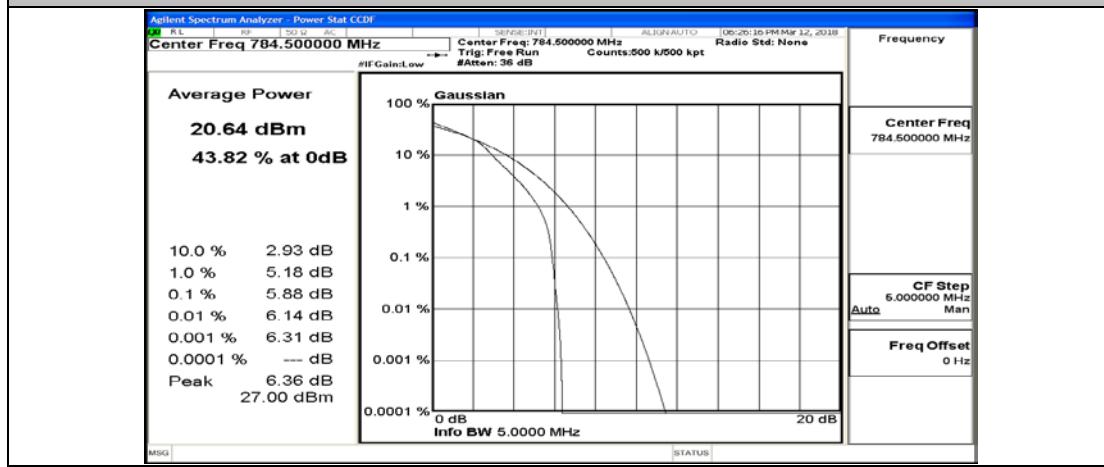
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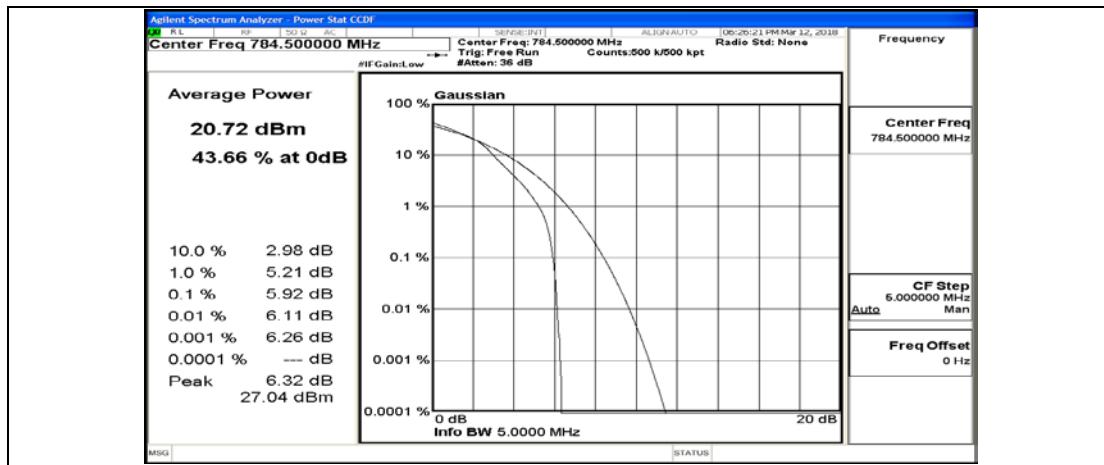
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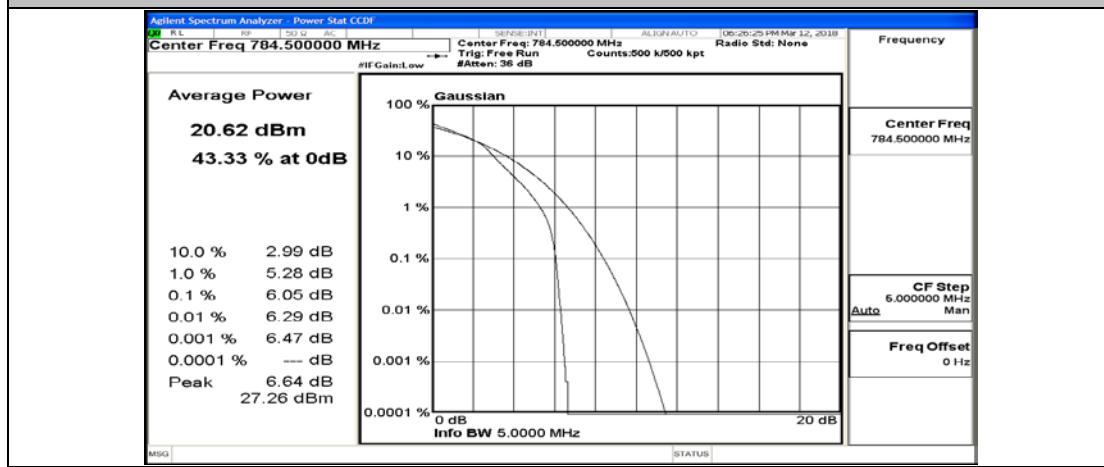
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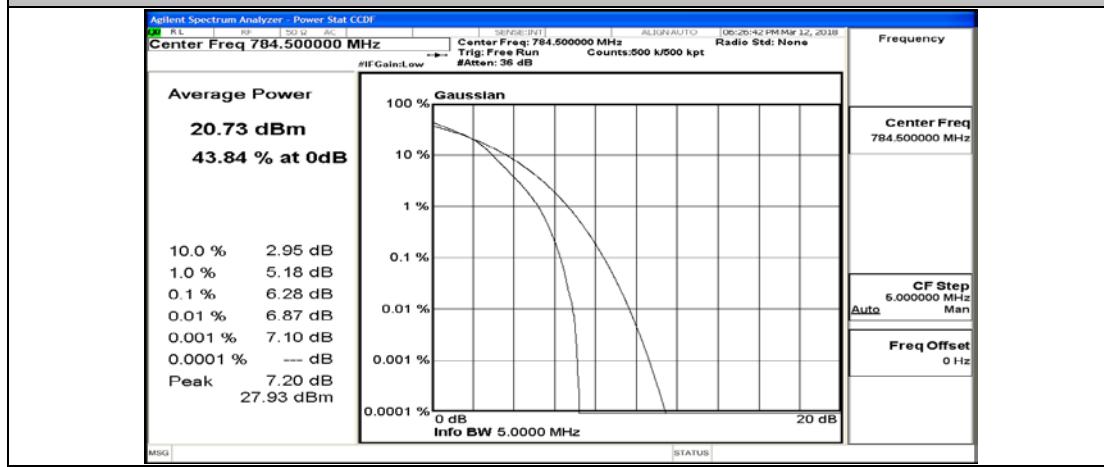
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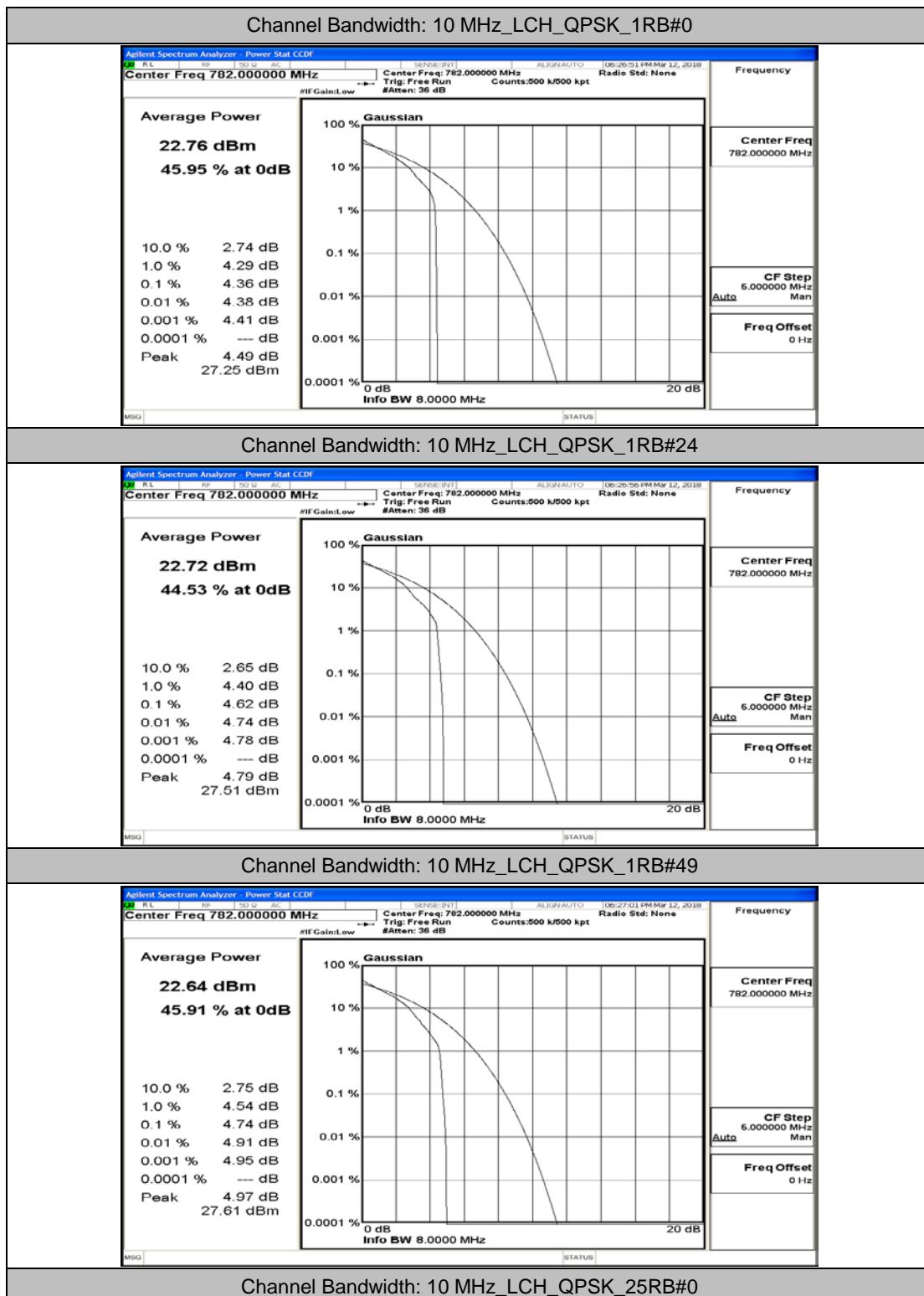
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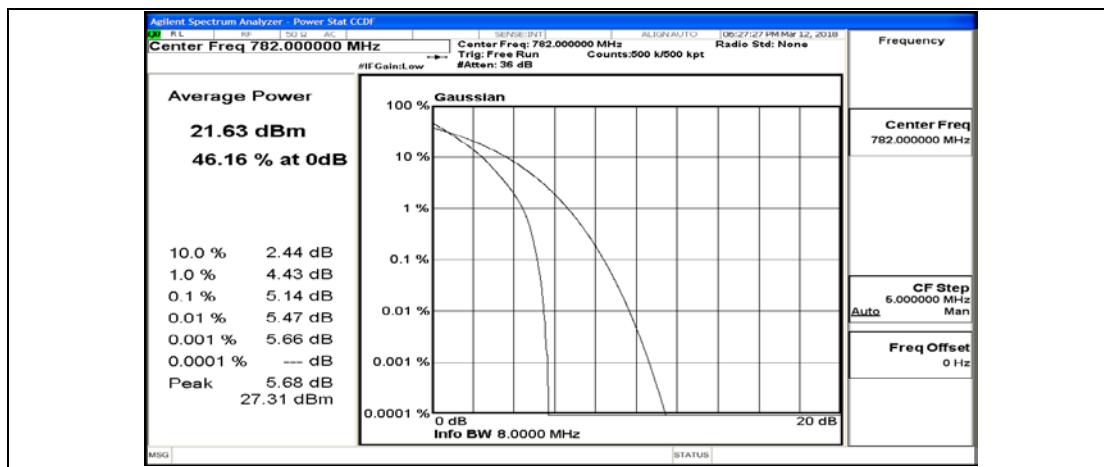


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

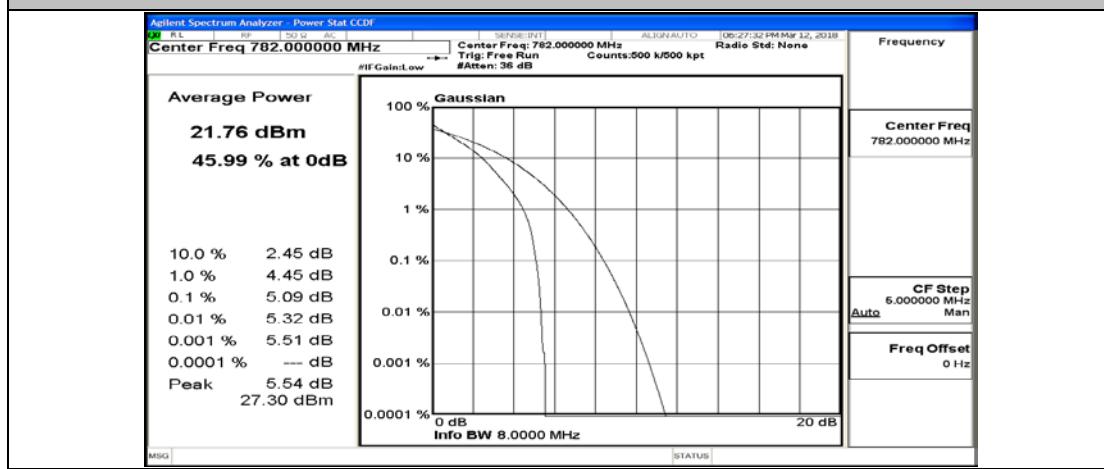


Channel Bandwidth: 10 MHz

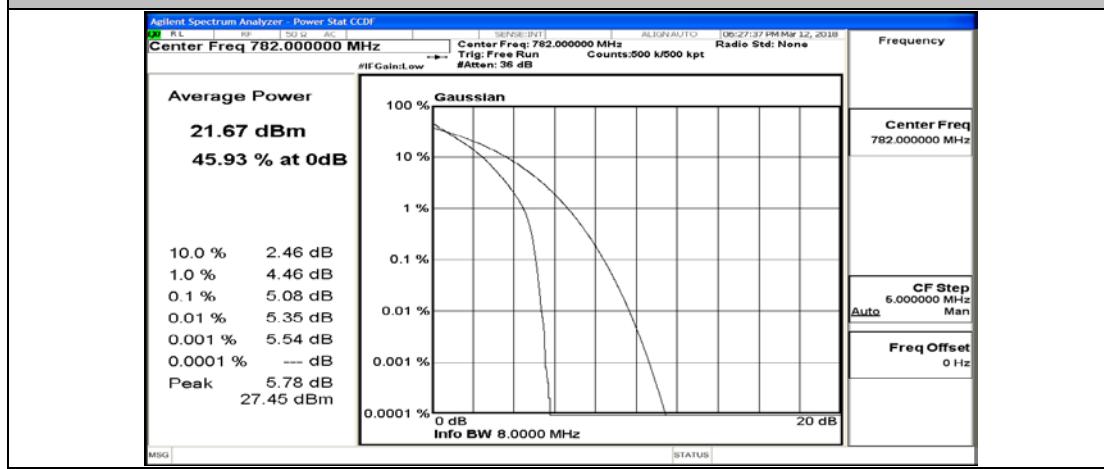




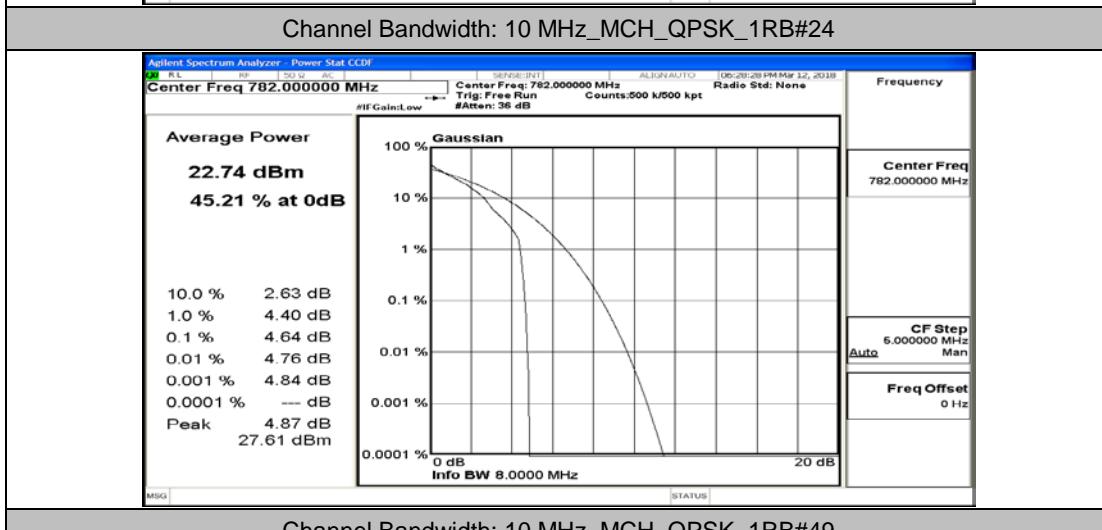
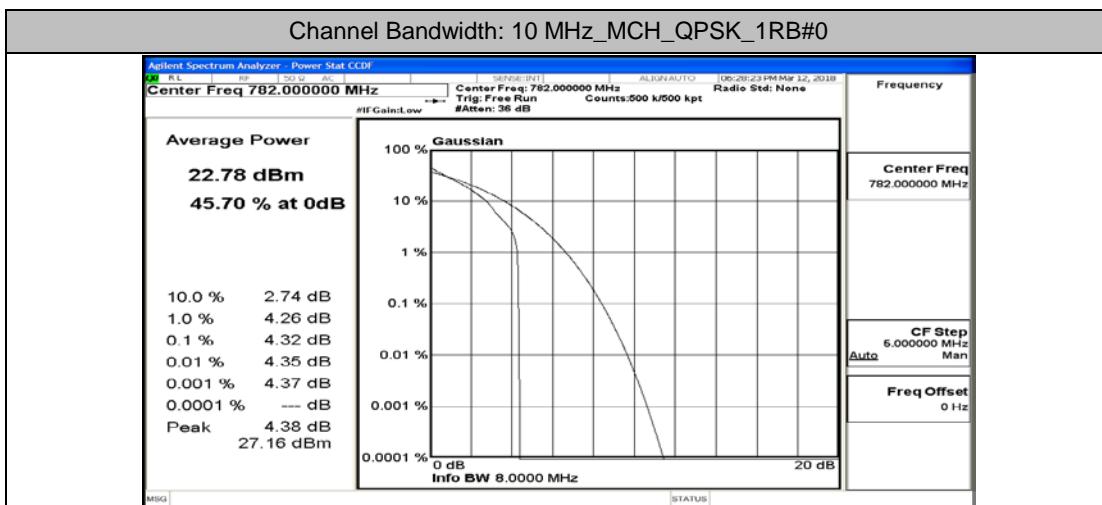
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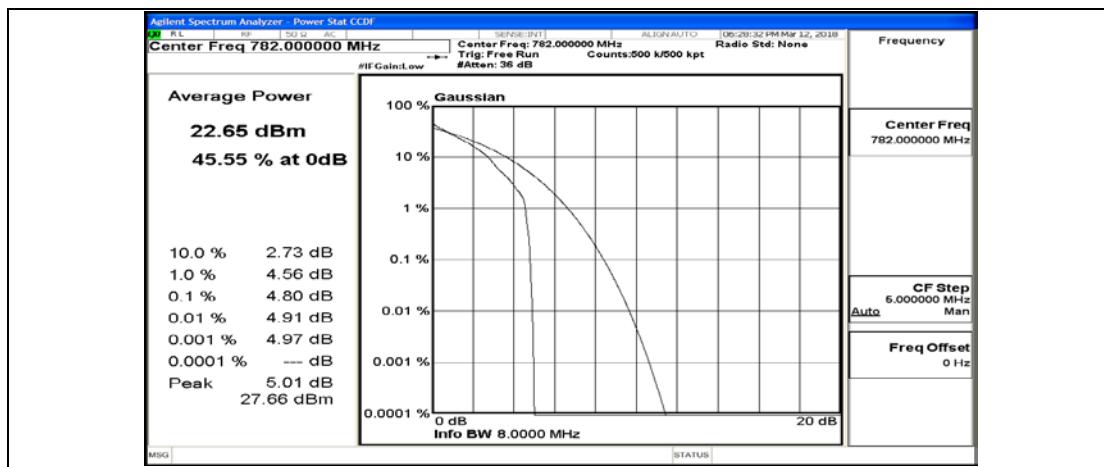
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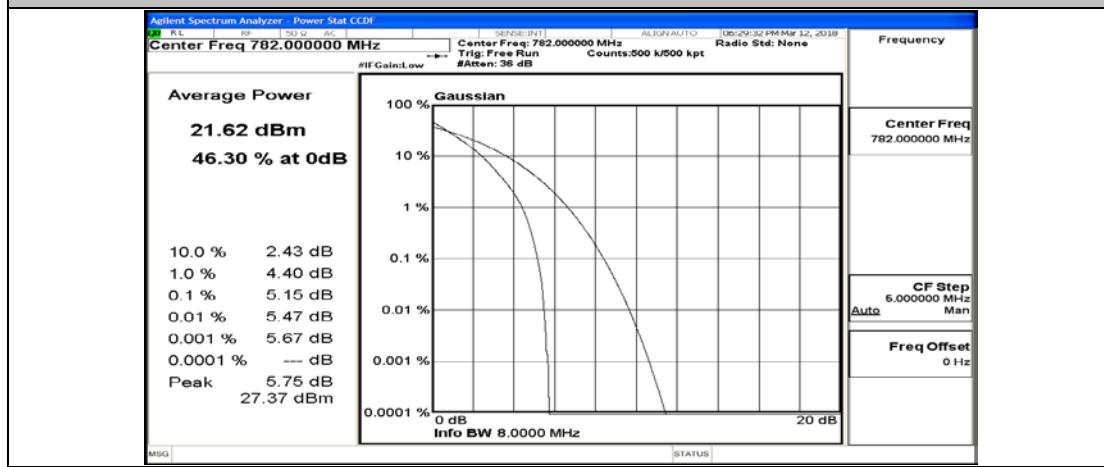
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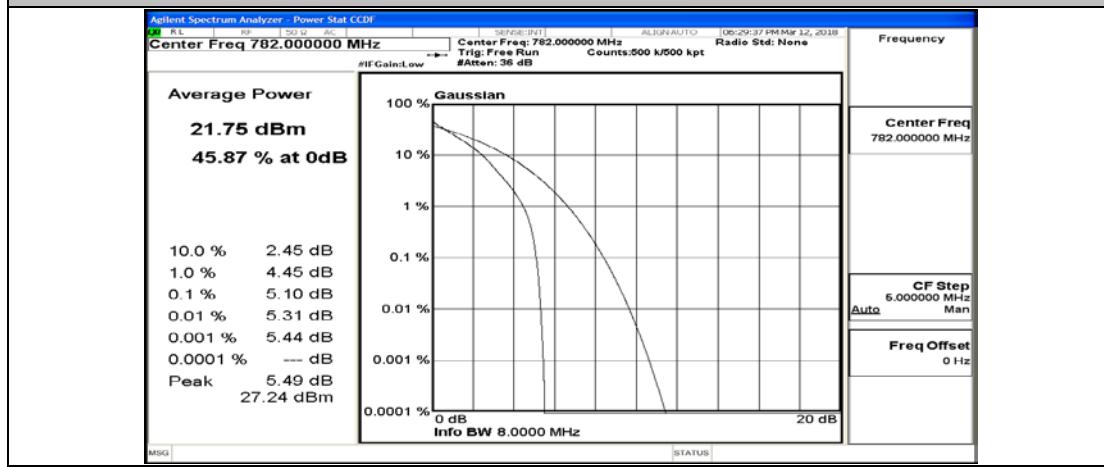
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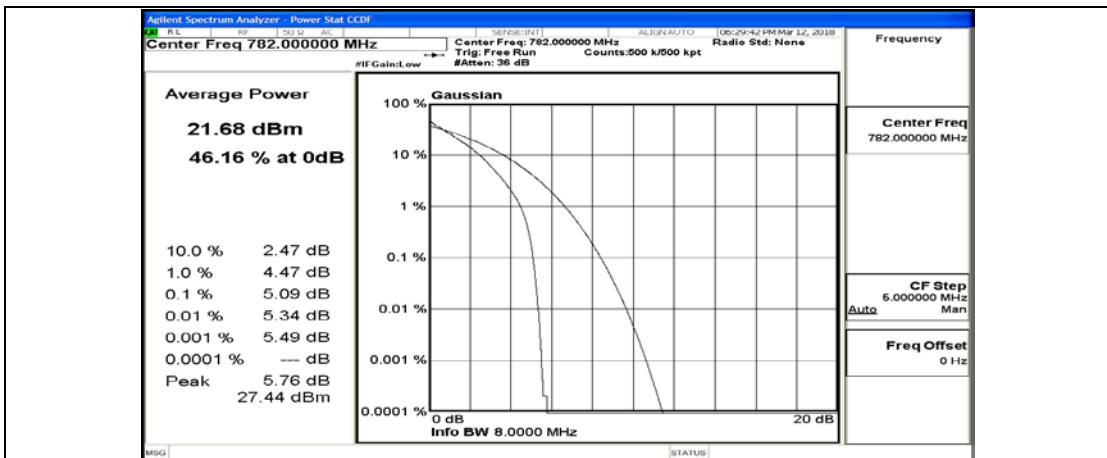
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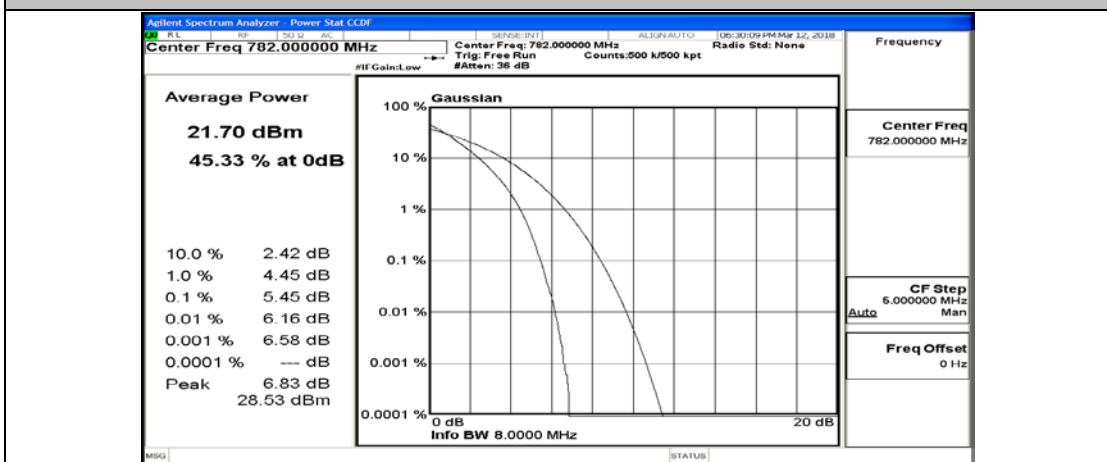
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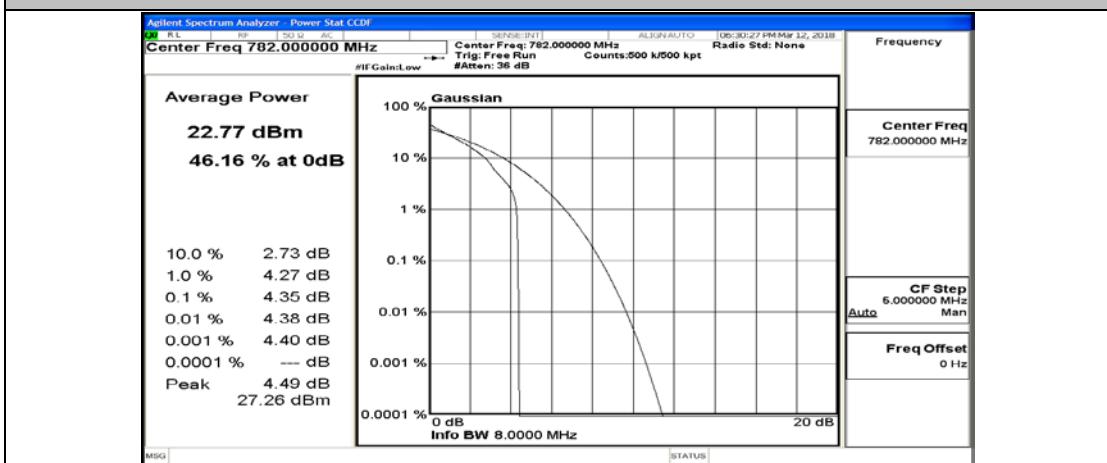
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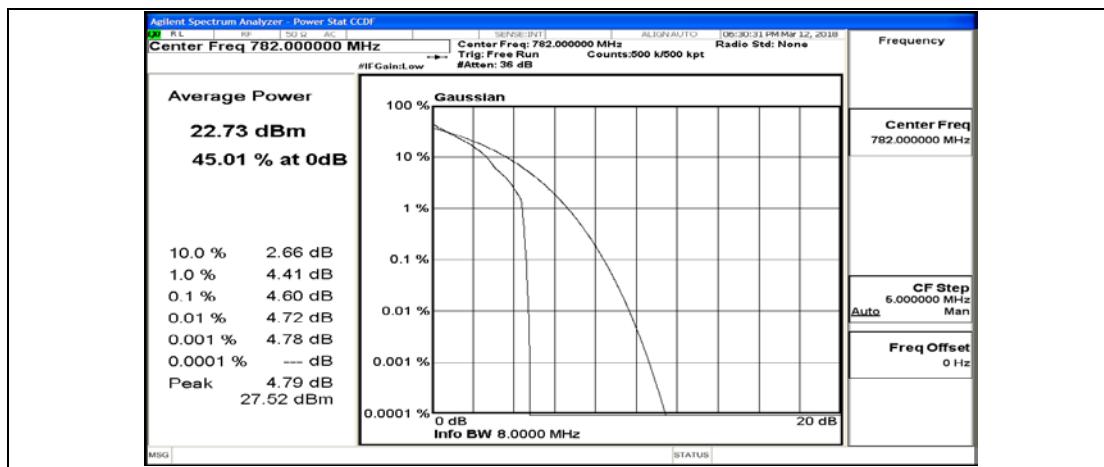
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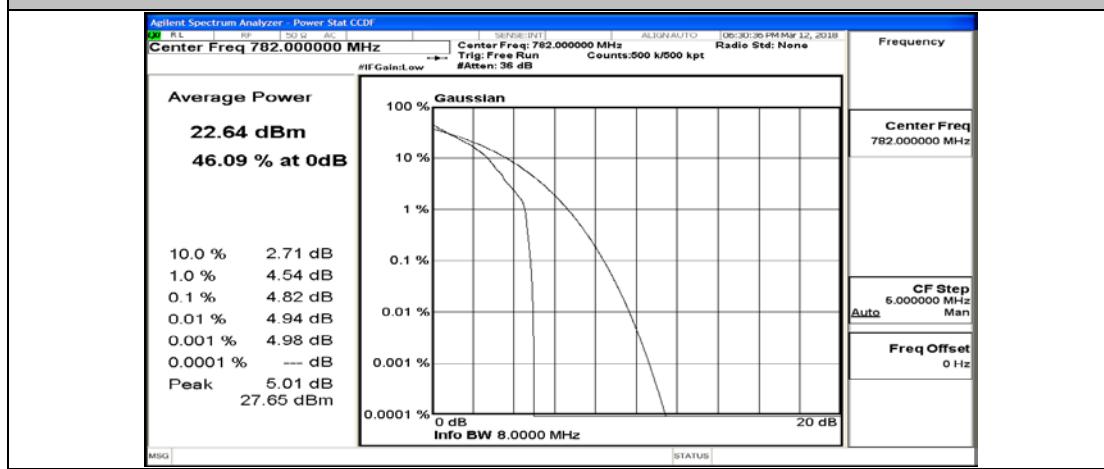
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



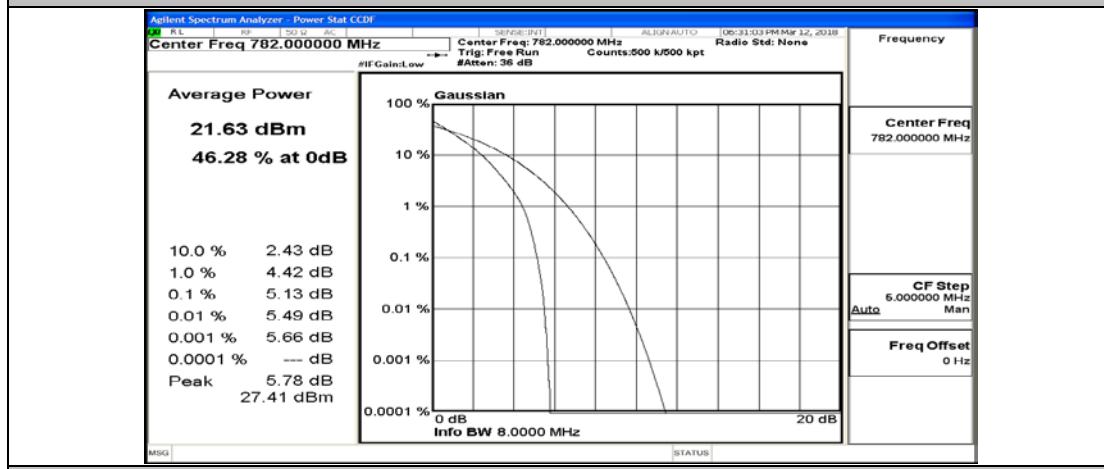
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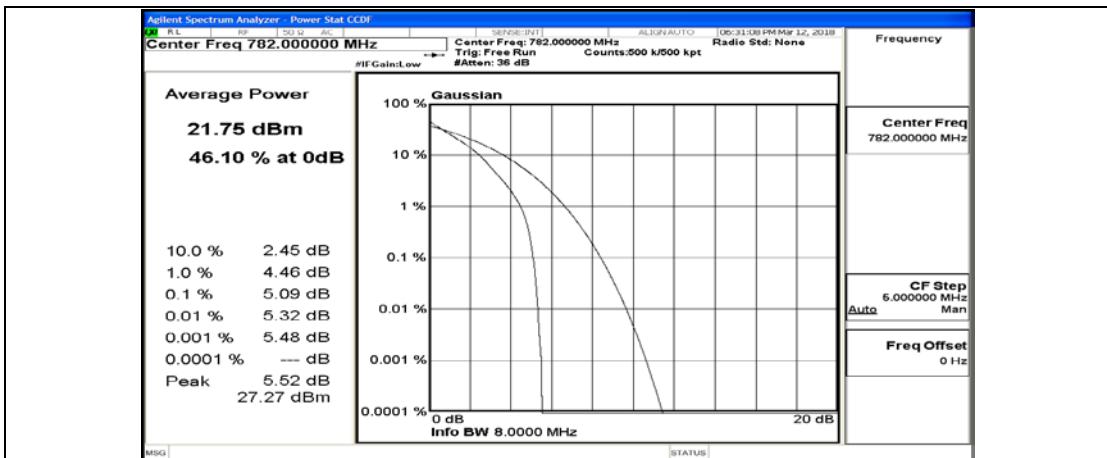
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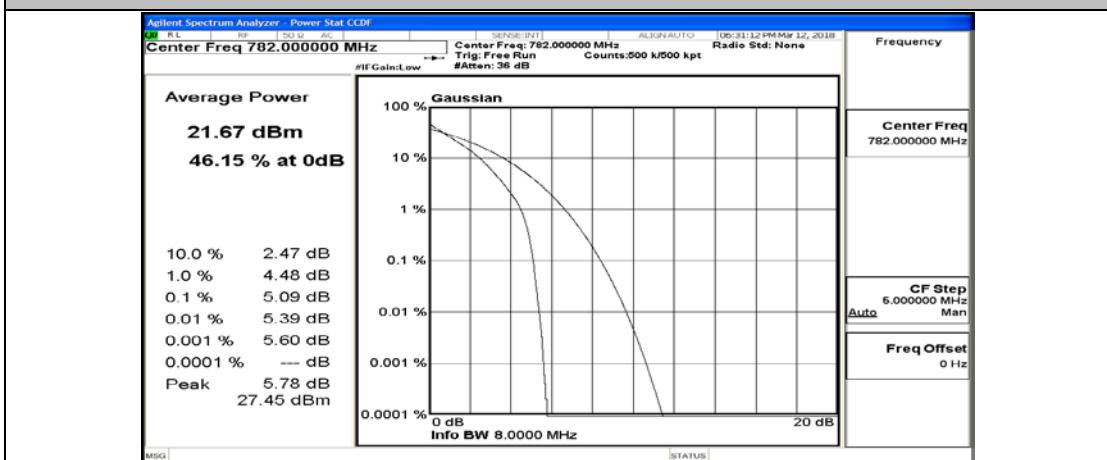
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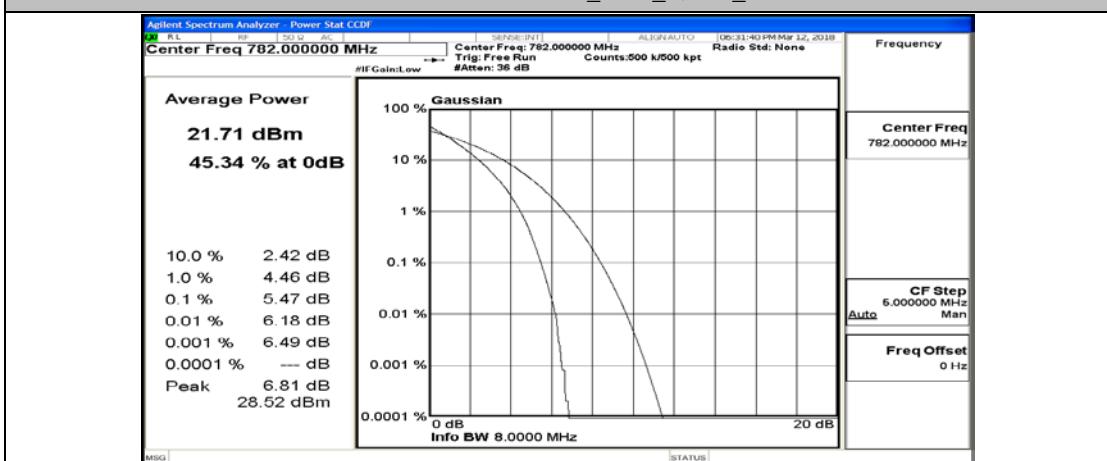
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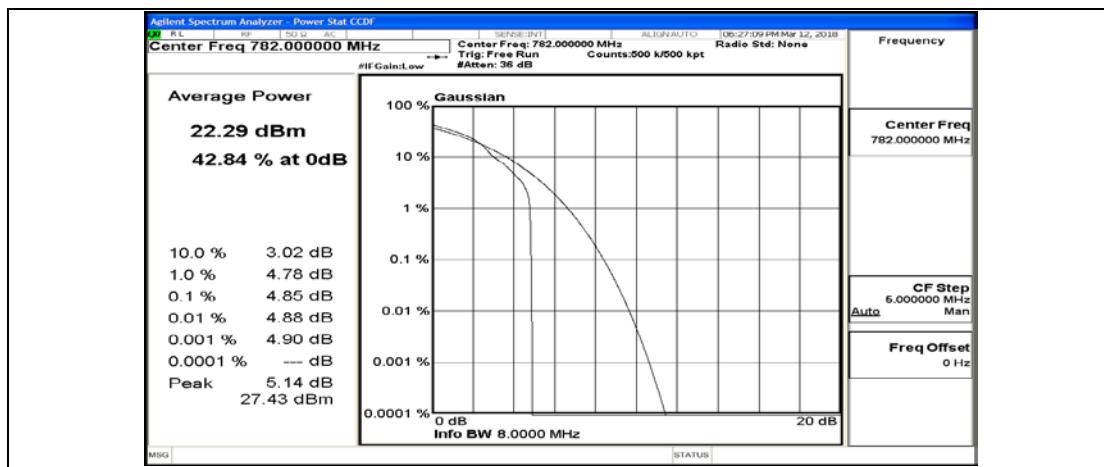
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Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



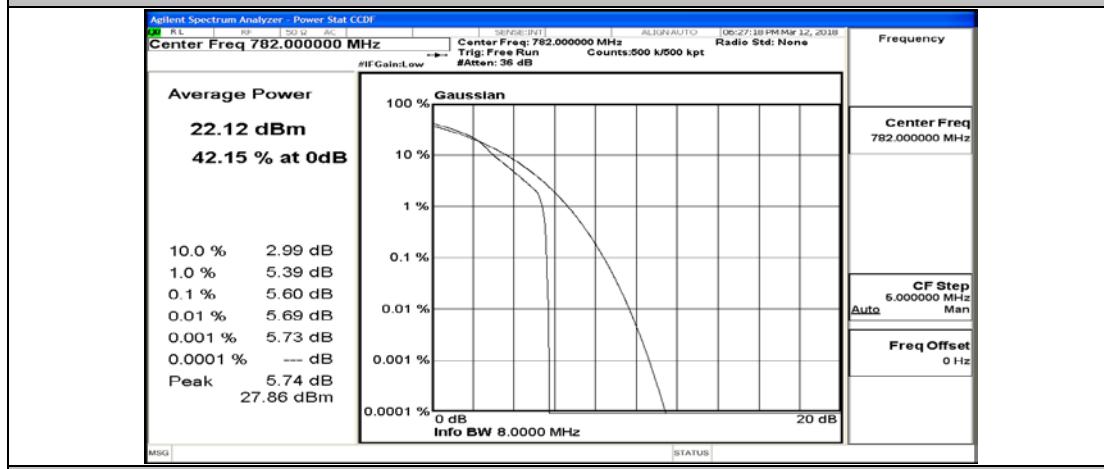
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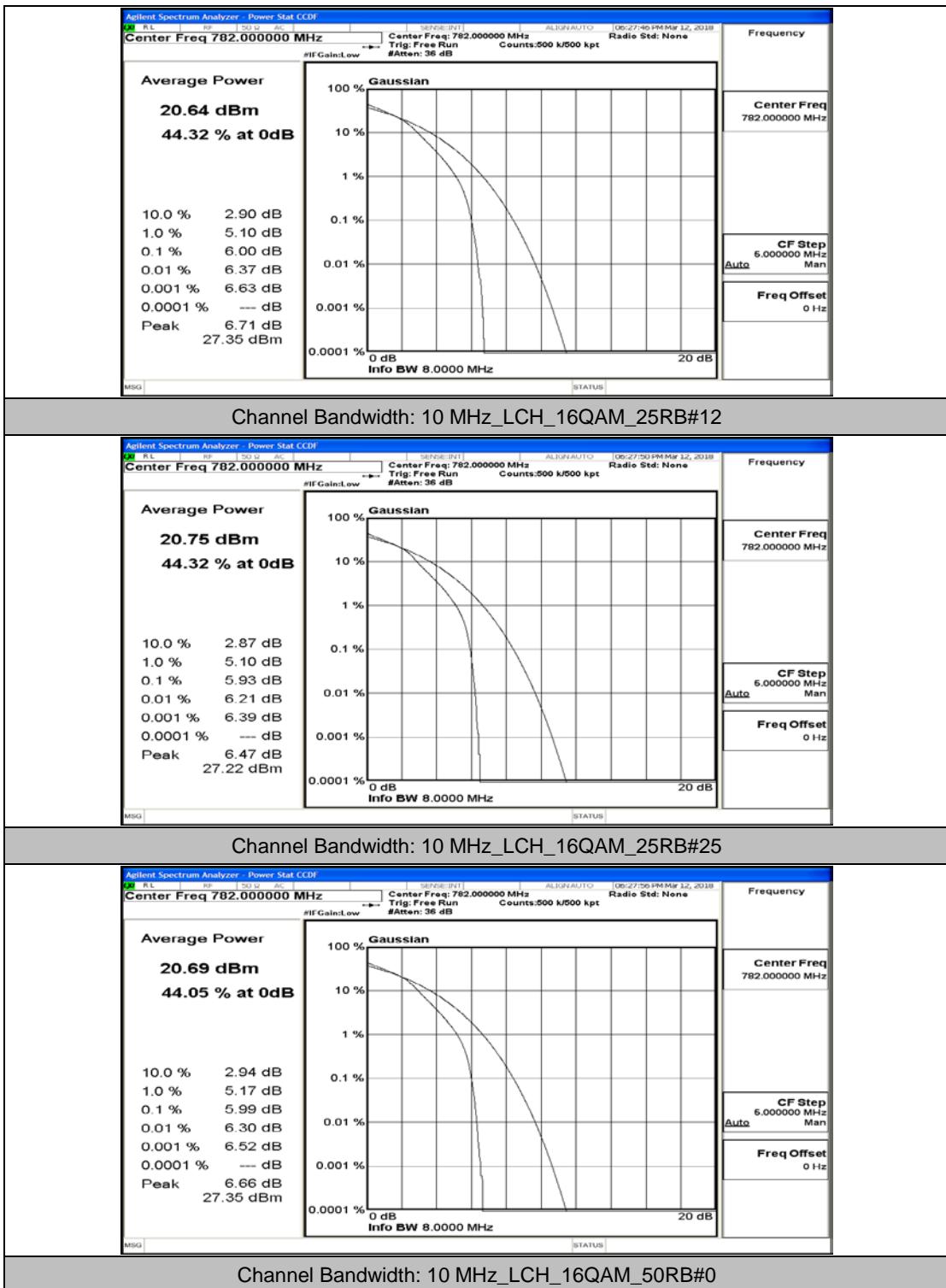
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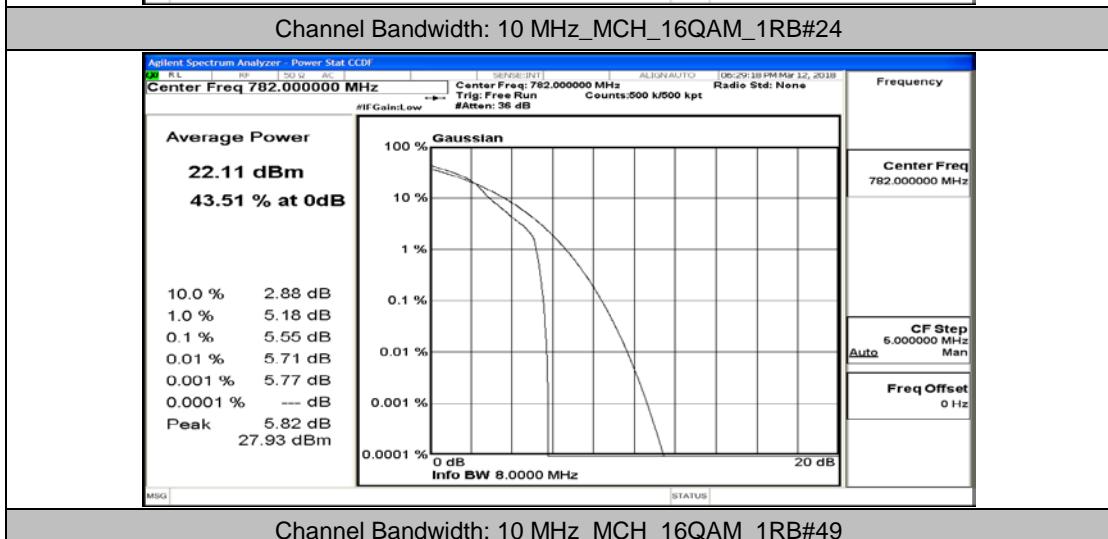
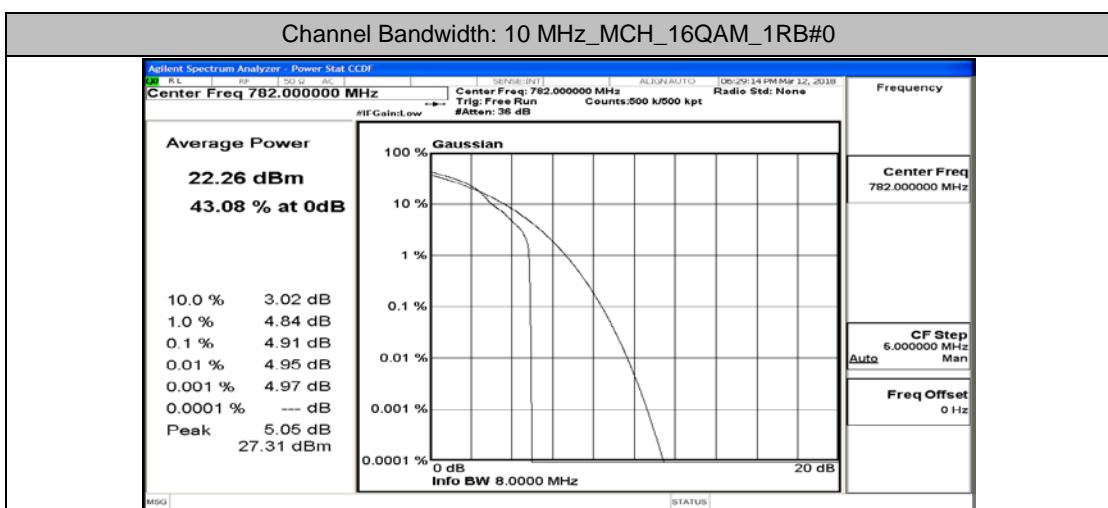
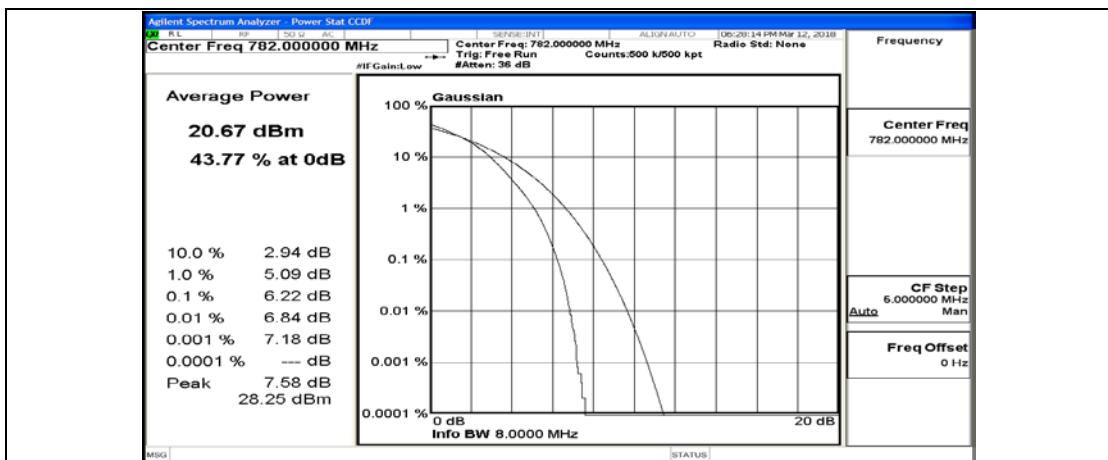


Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

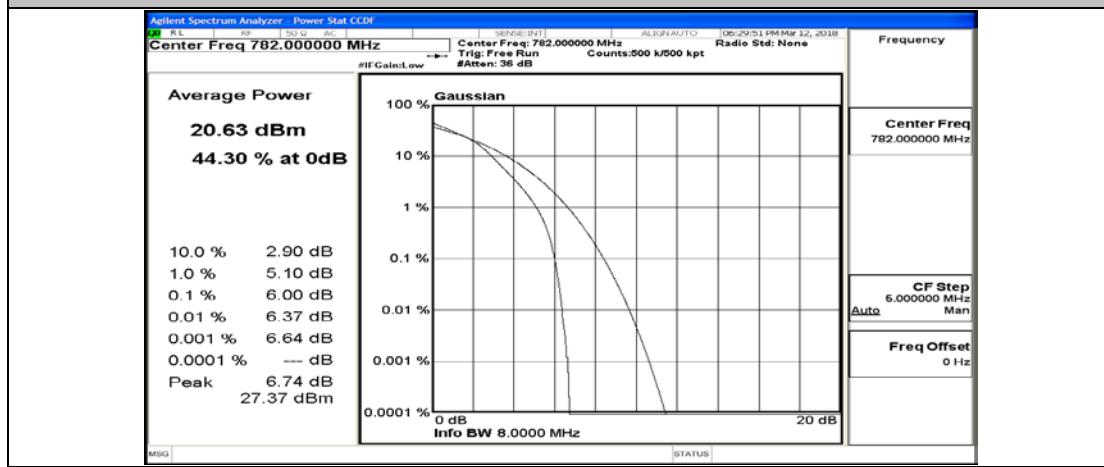




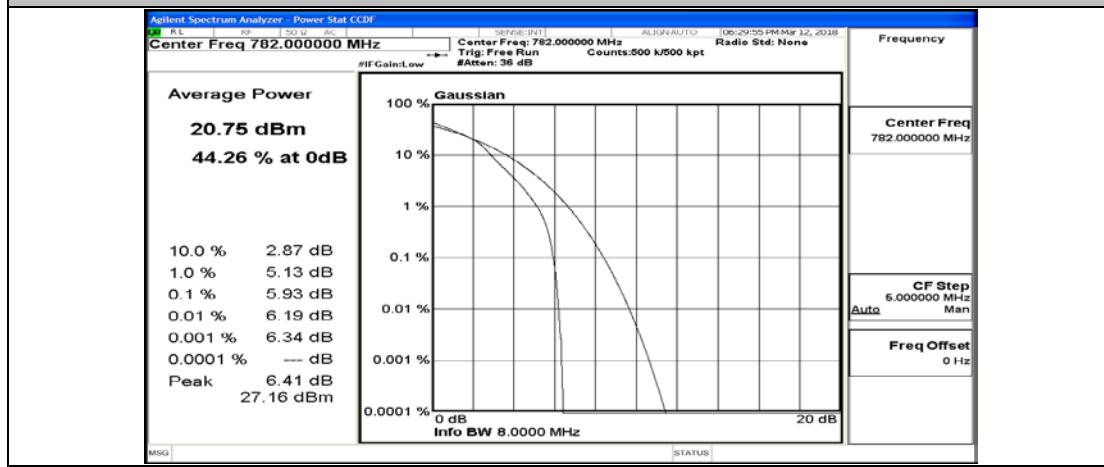
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49



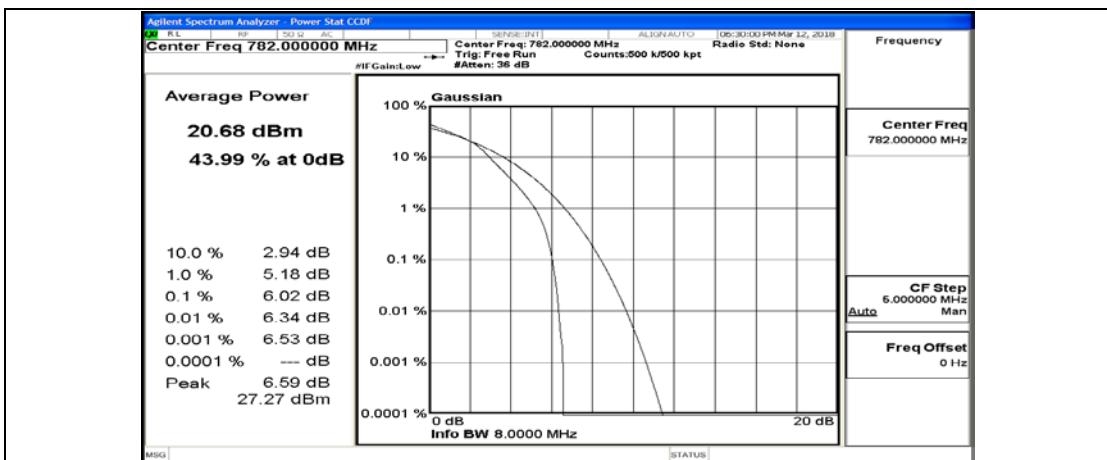
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#0



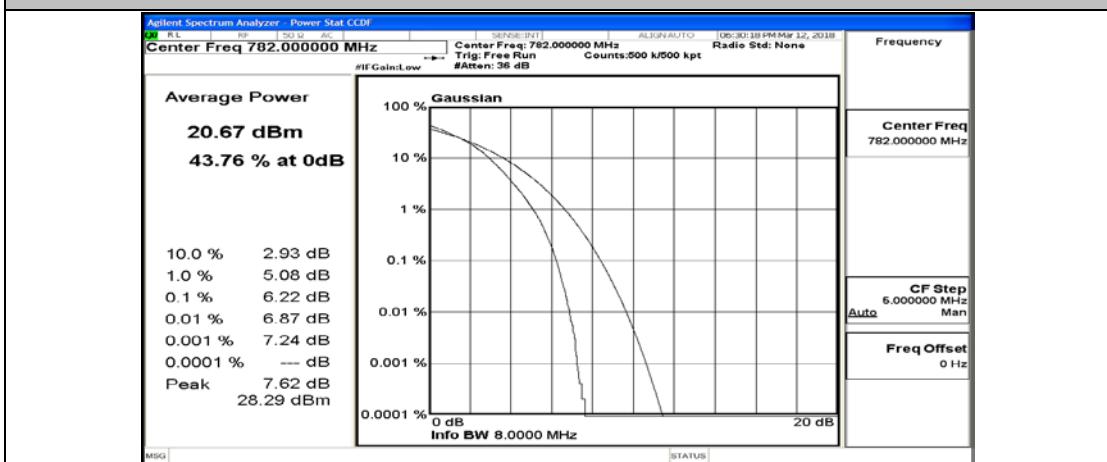
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#12



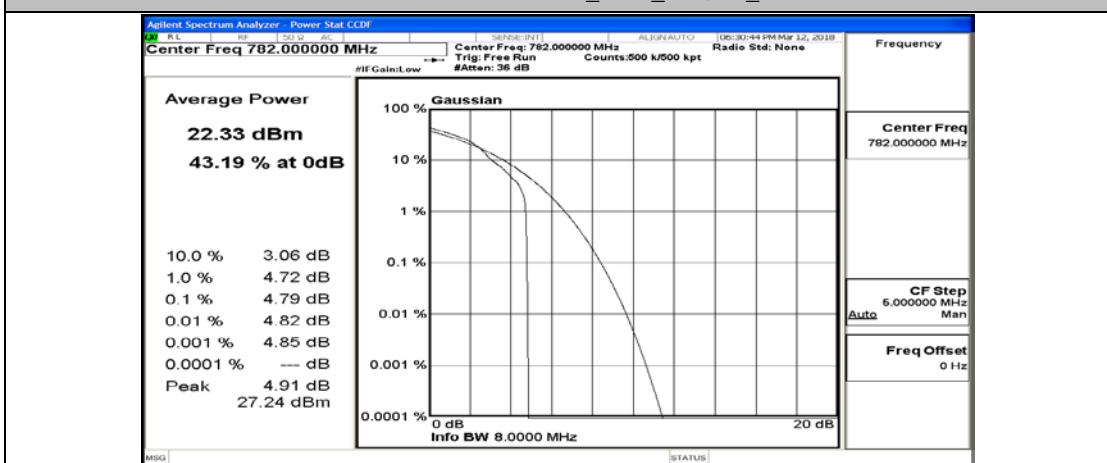
Channel Bandwidth: 10 MHz_MCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



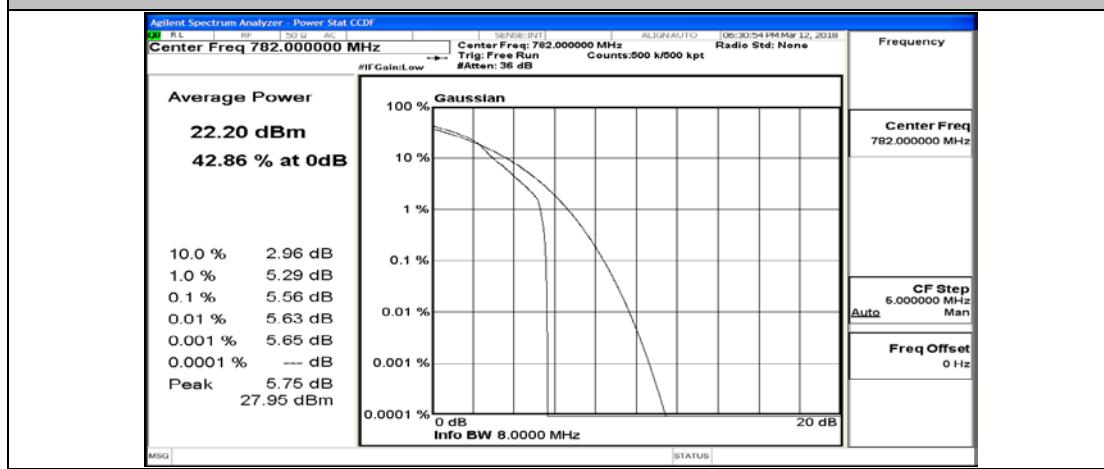
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



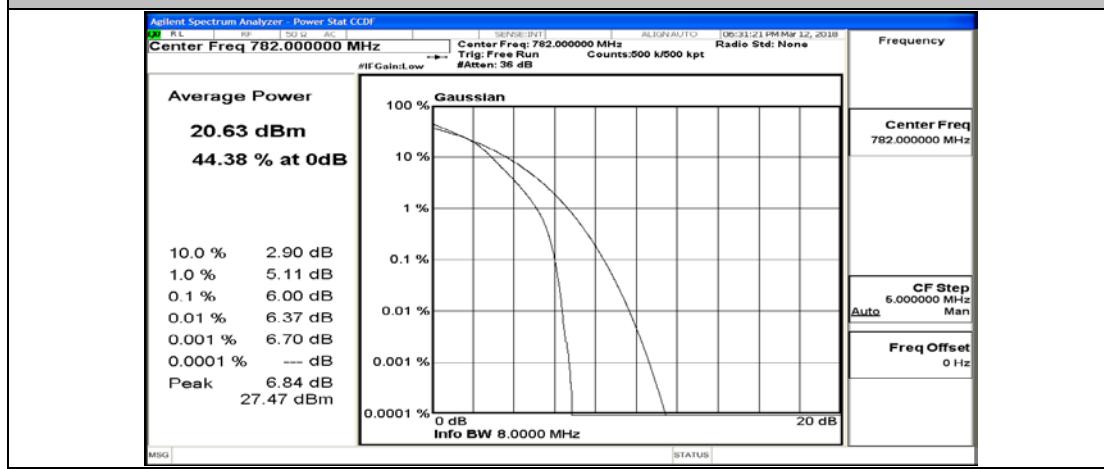
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



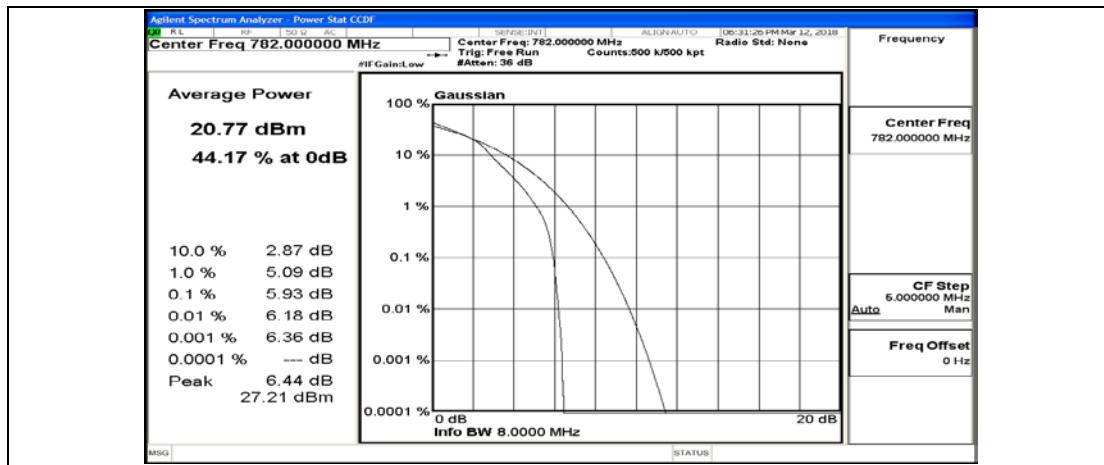
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



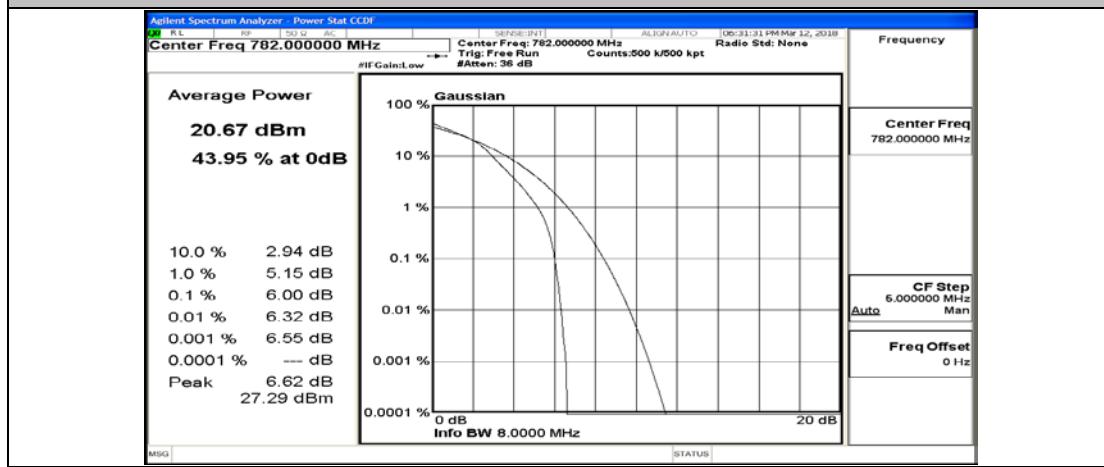
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

