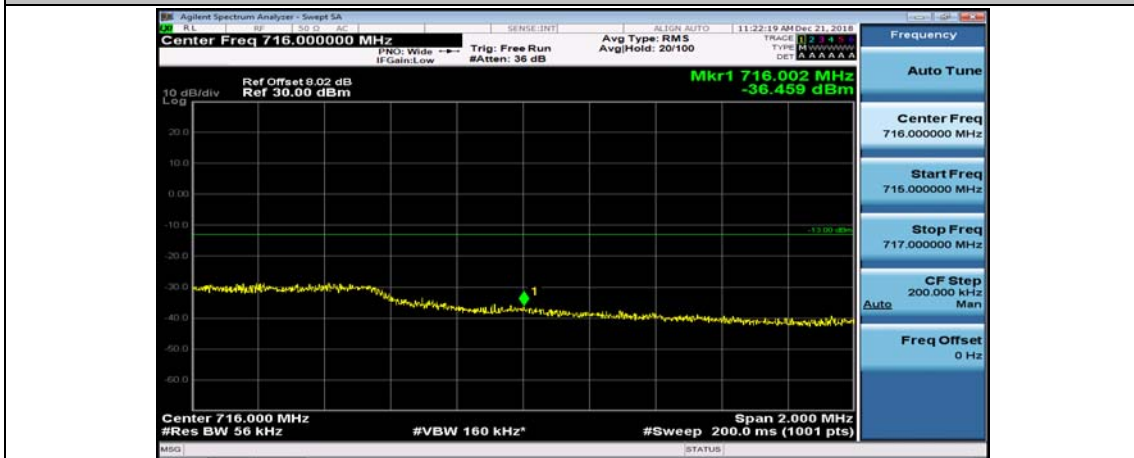
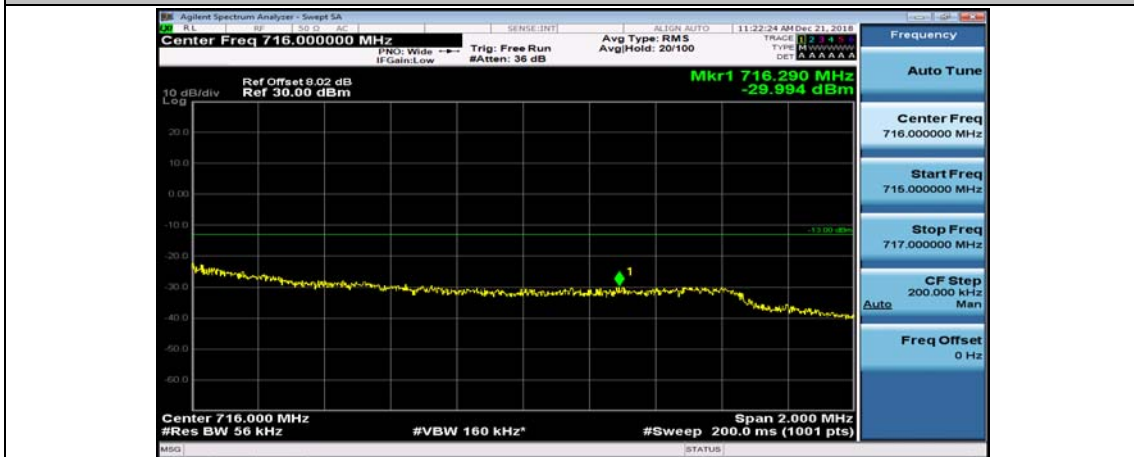


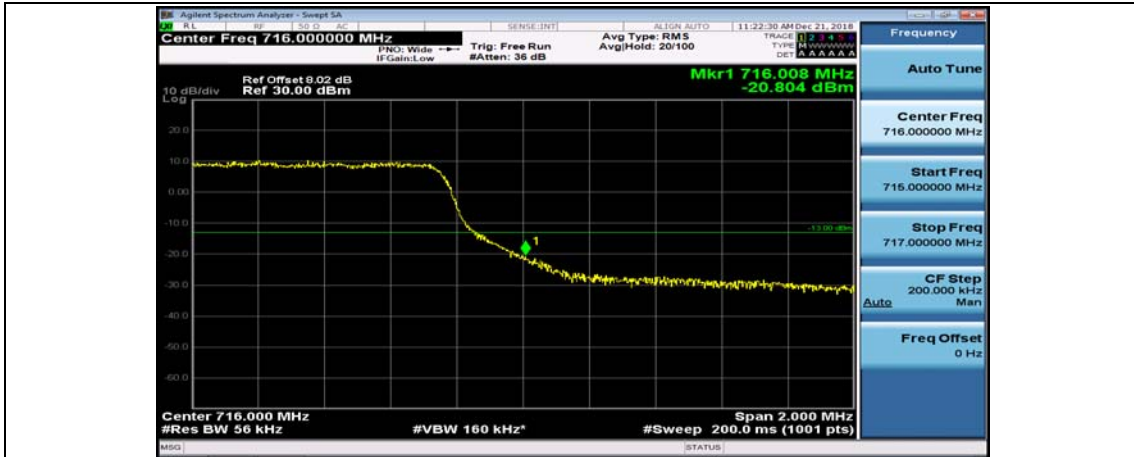
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



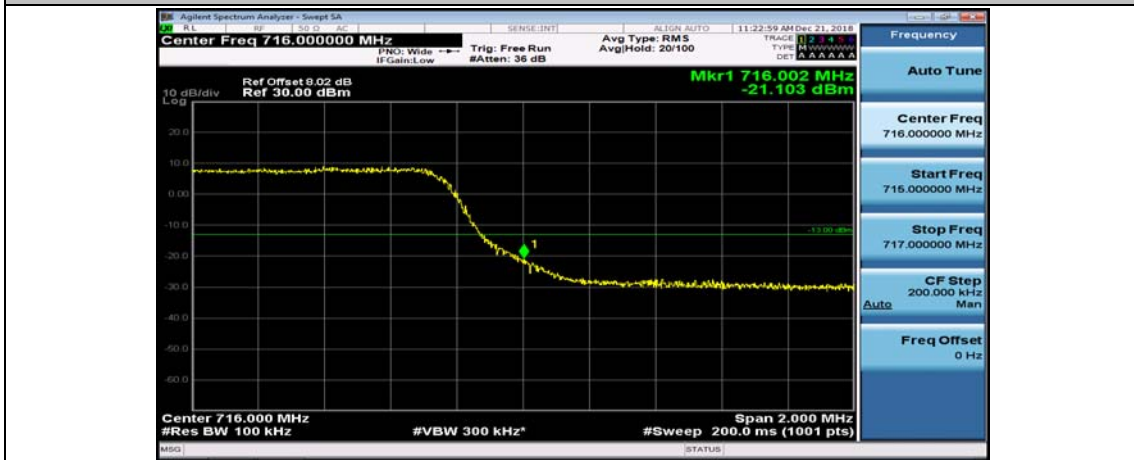
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



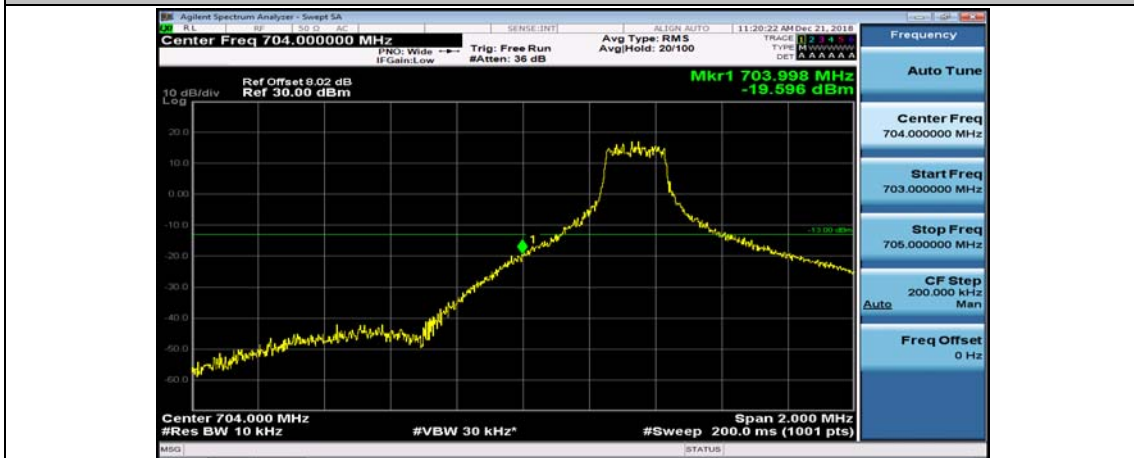
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



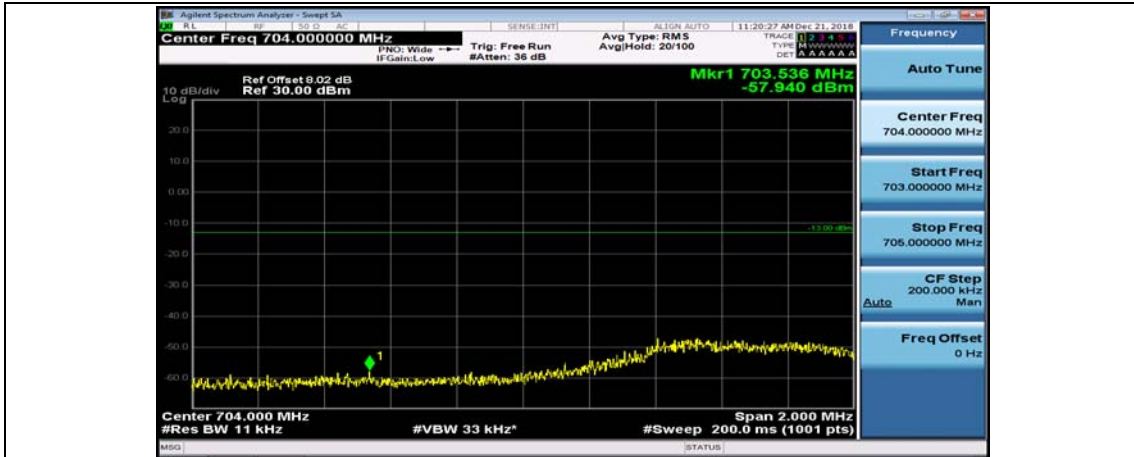
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



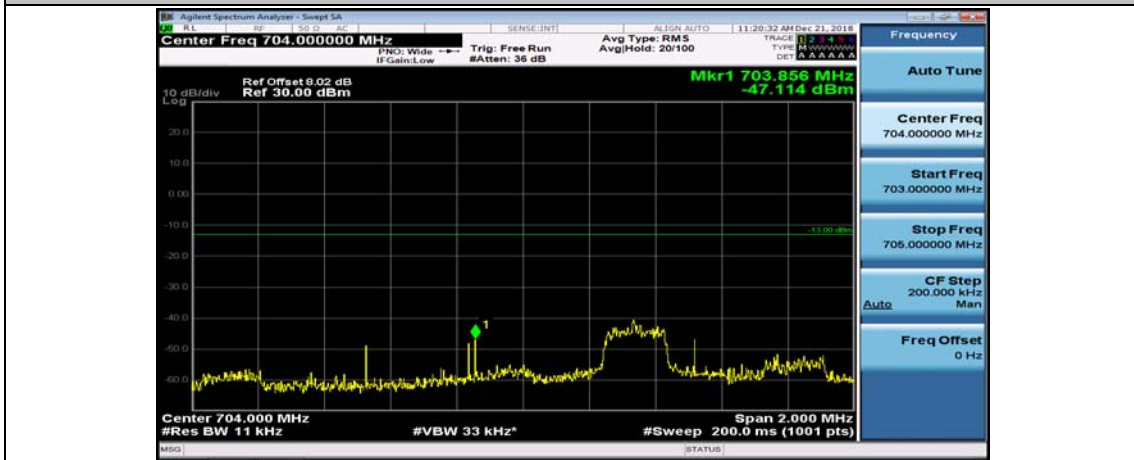
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



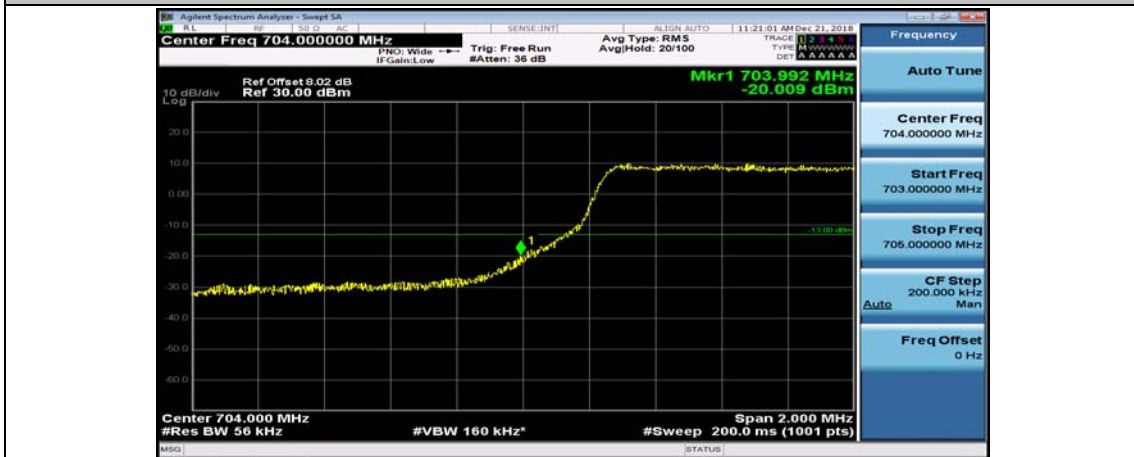
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



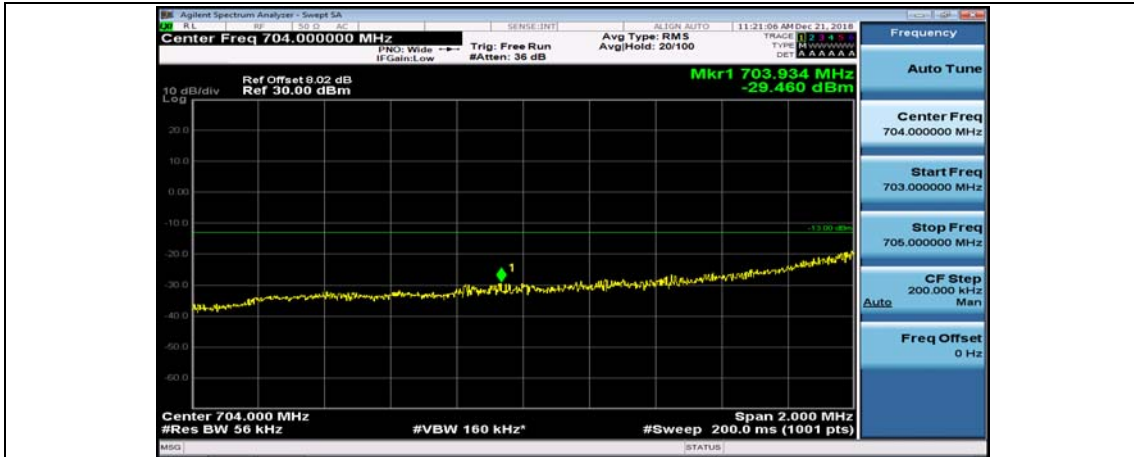
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



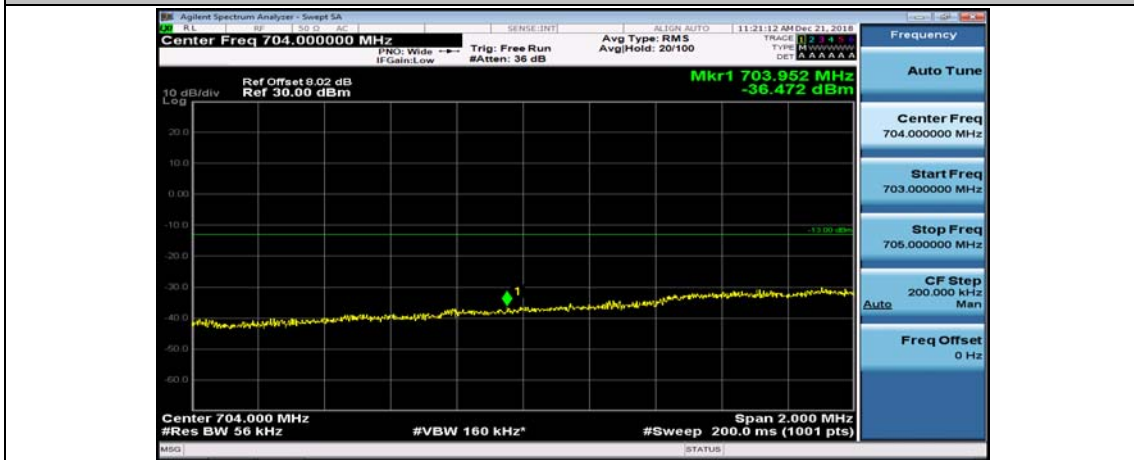
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



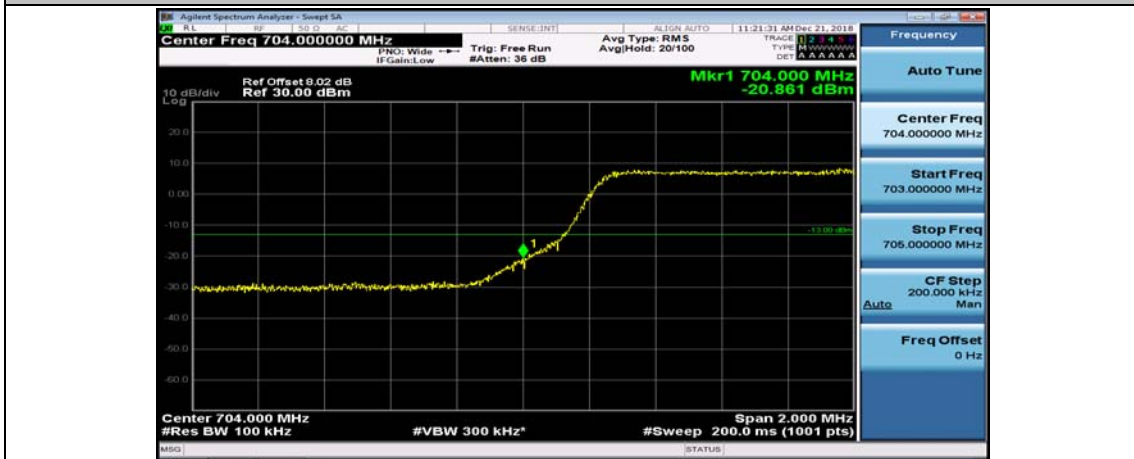
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



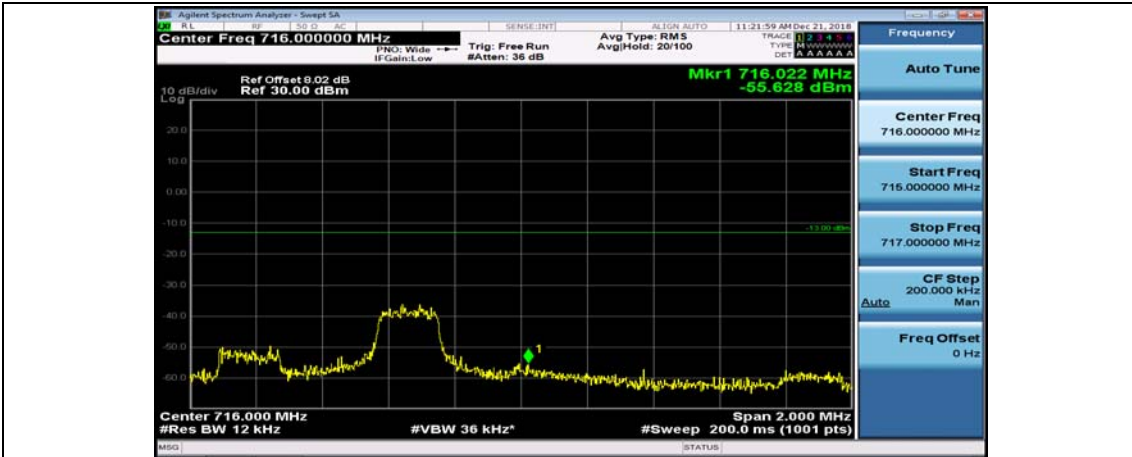
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



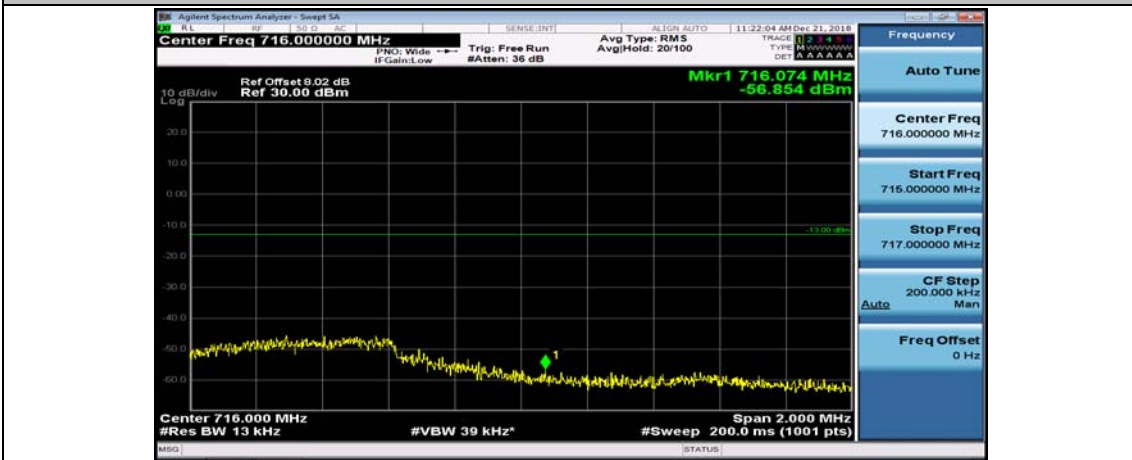
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



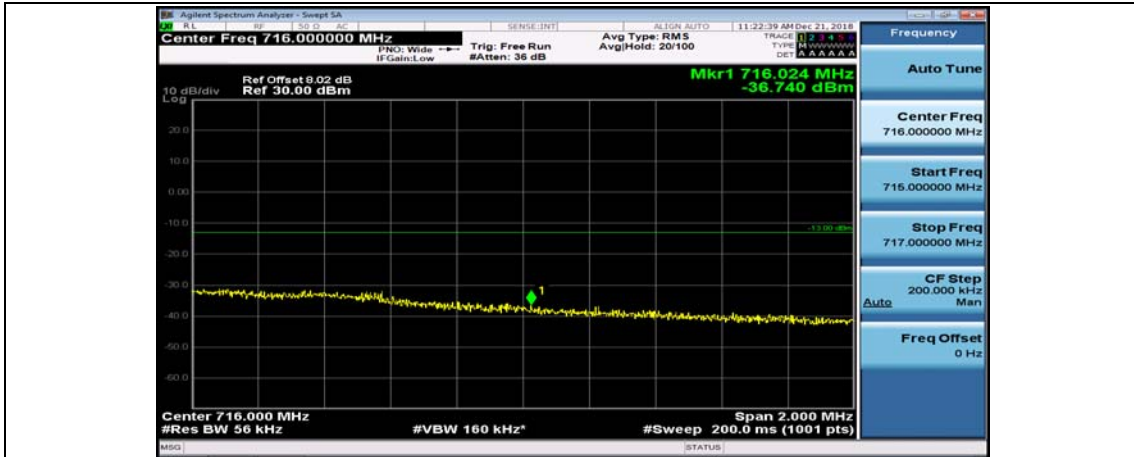
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



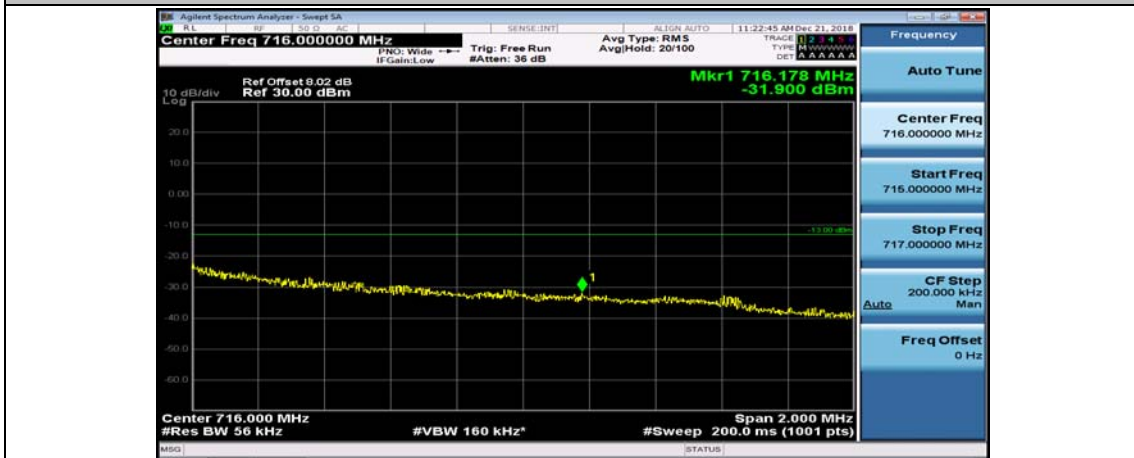
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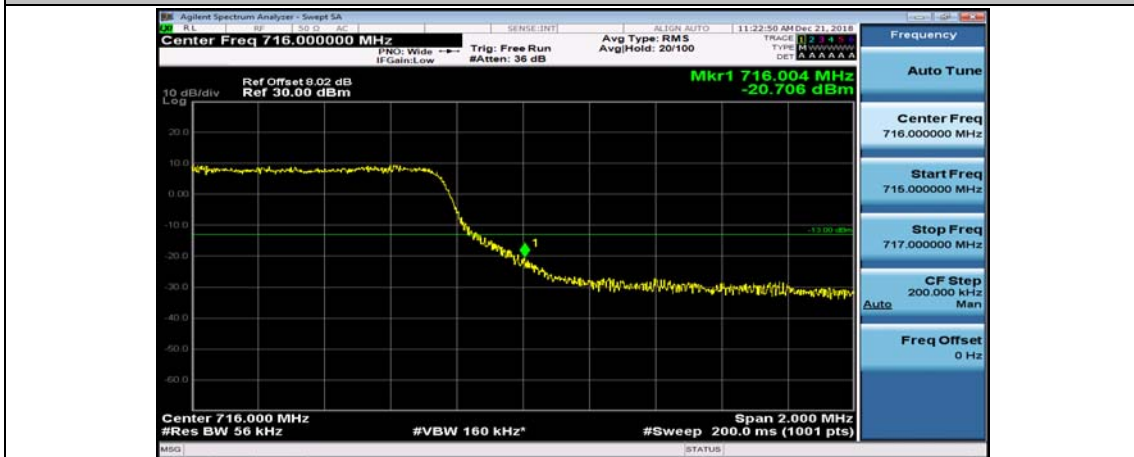
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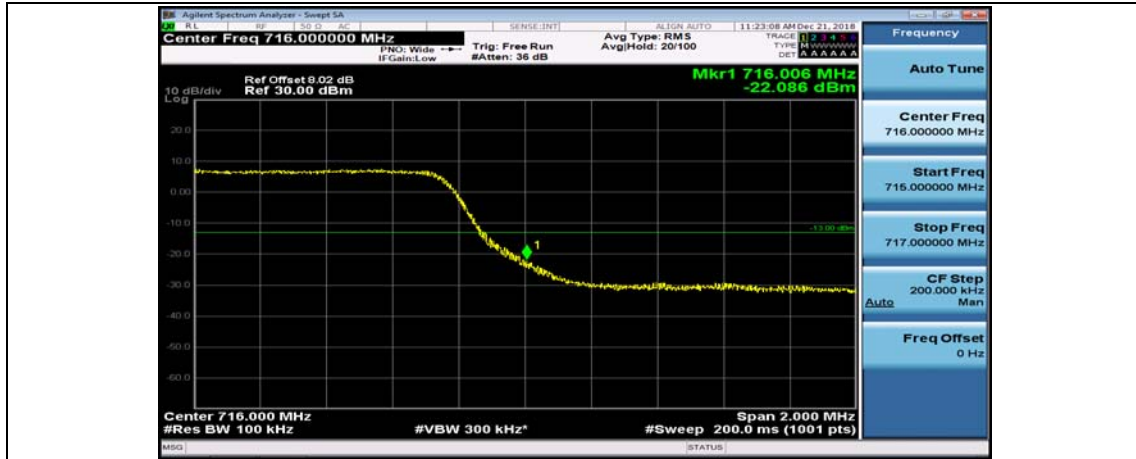
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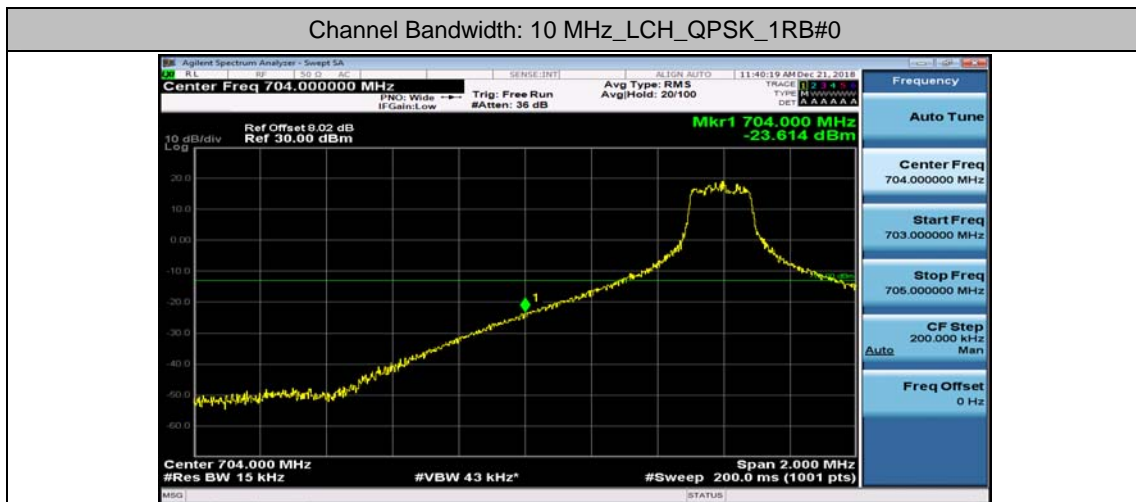
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



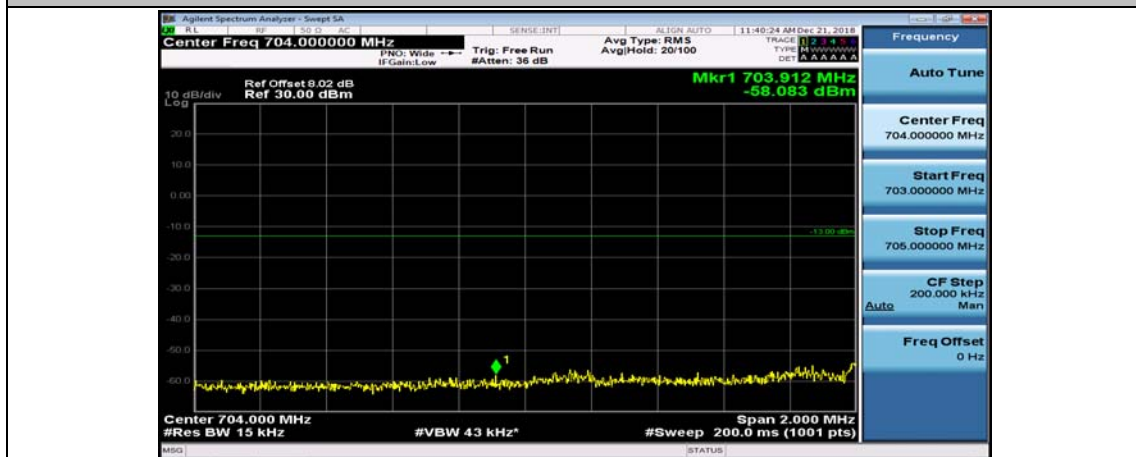
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz



Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



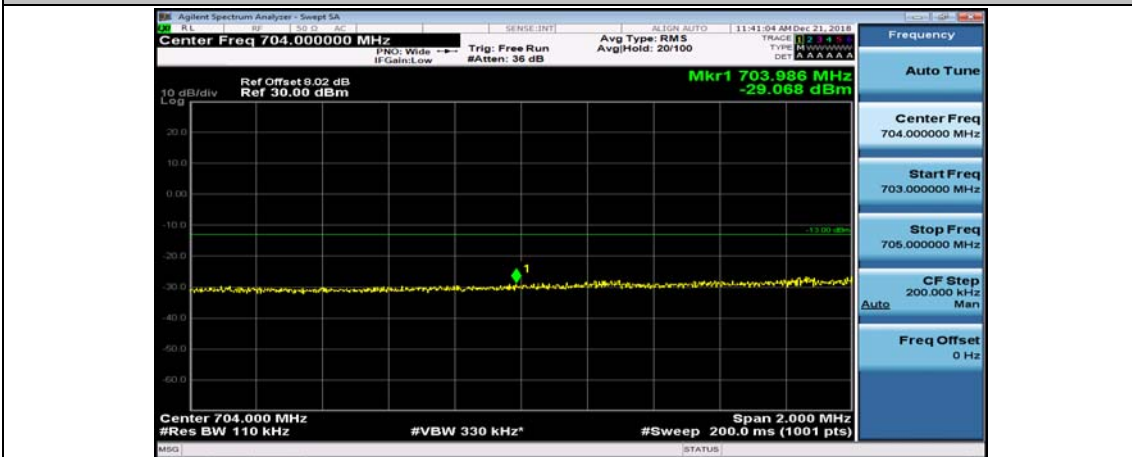
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



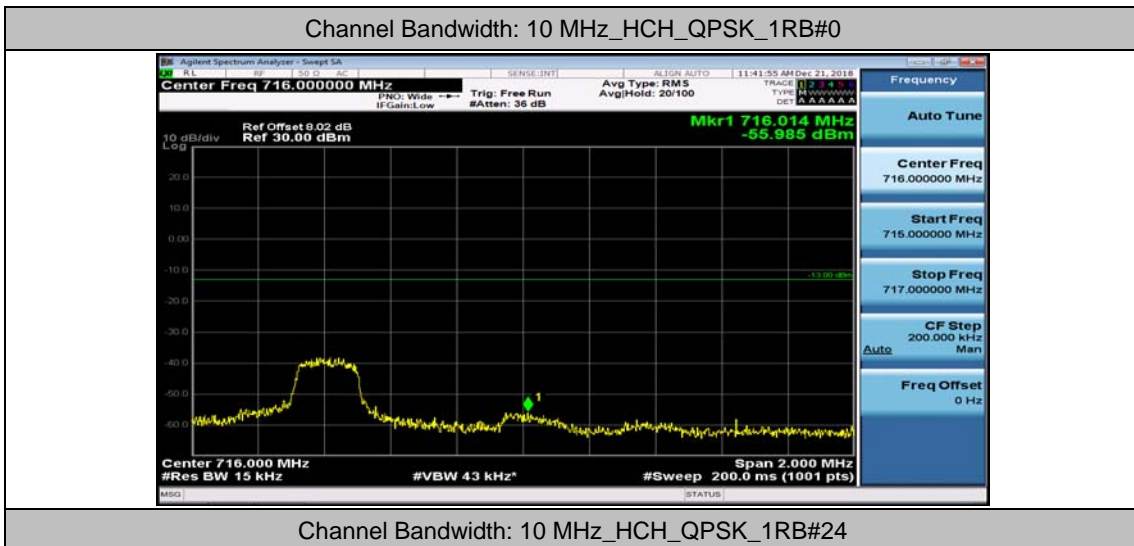
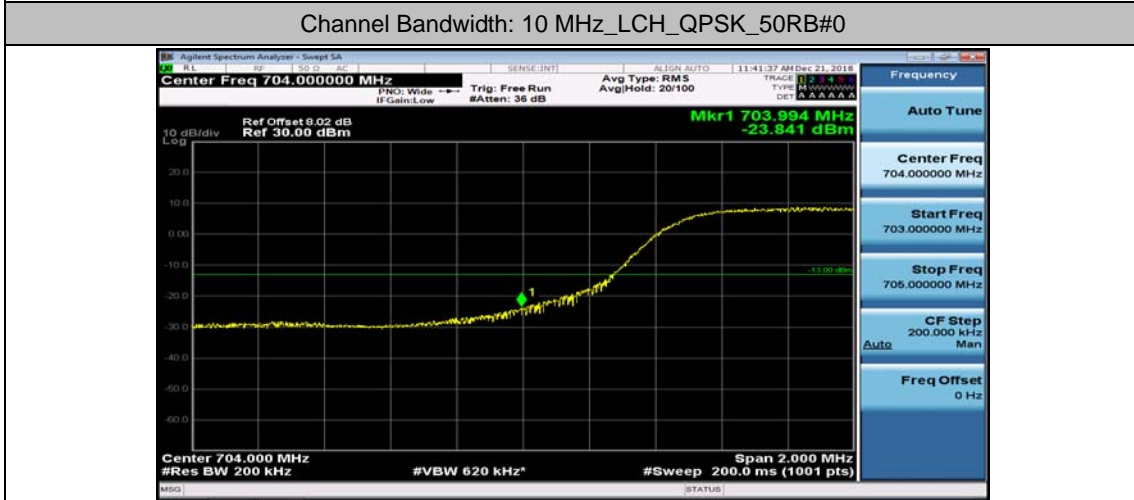
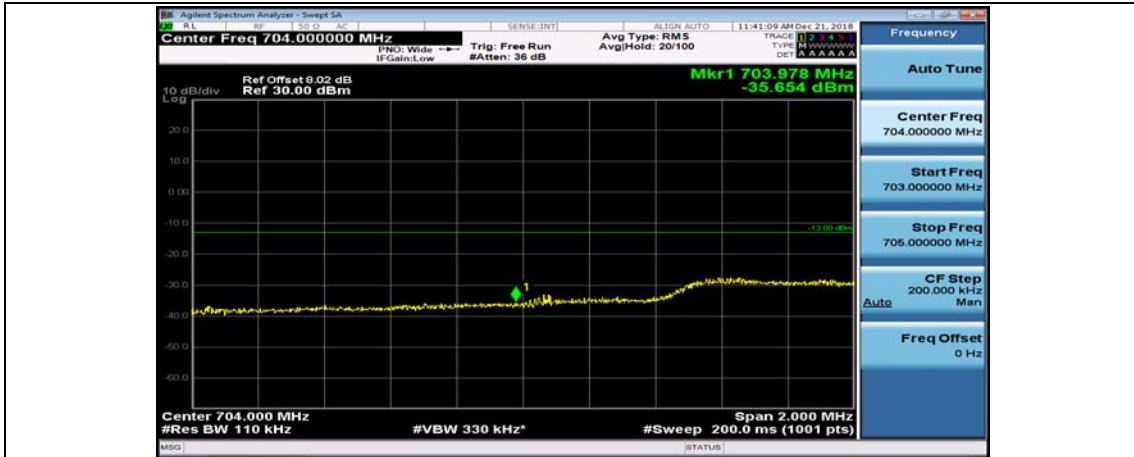
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0

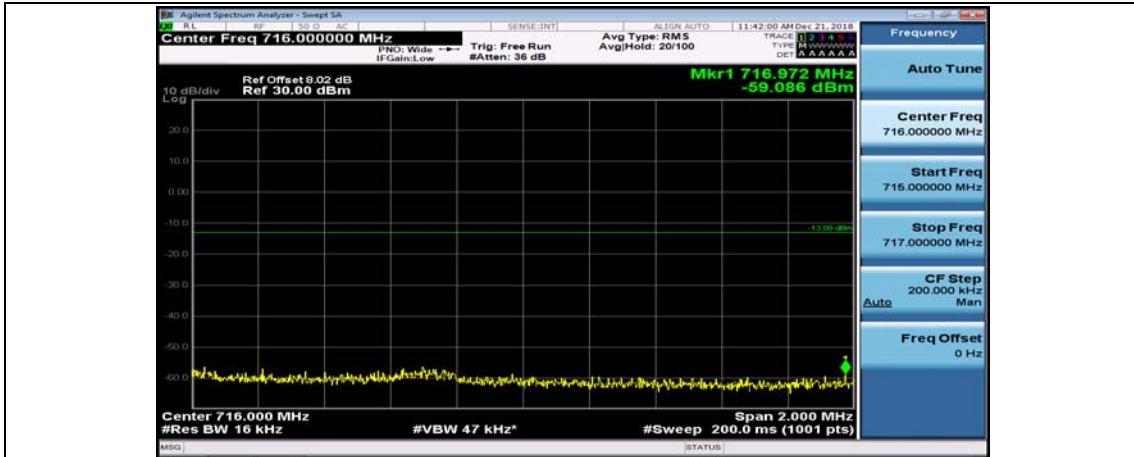


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

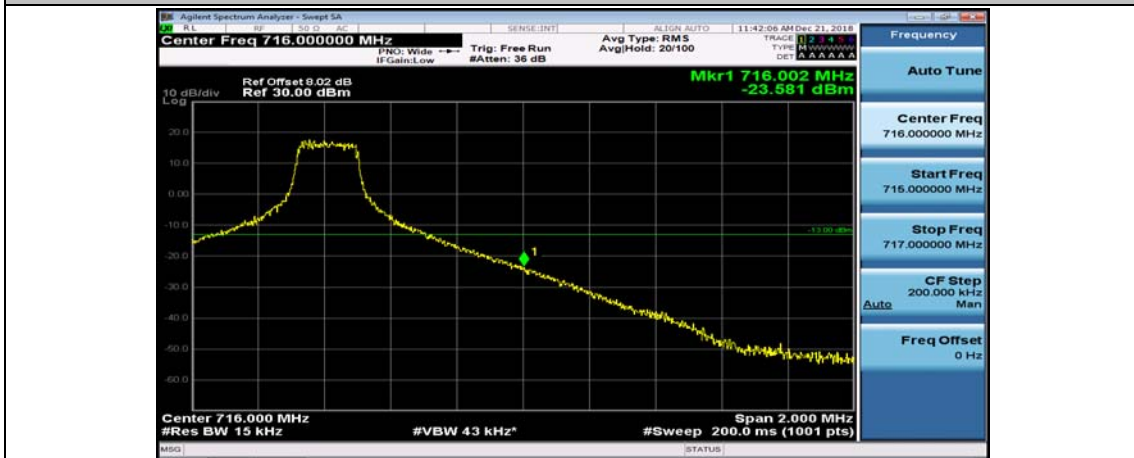


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

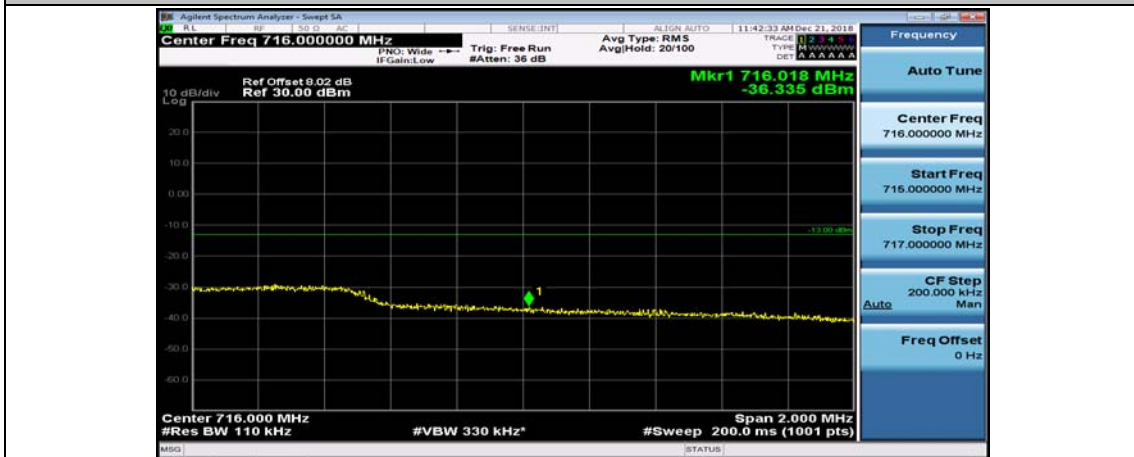




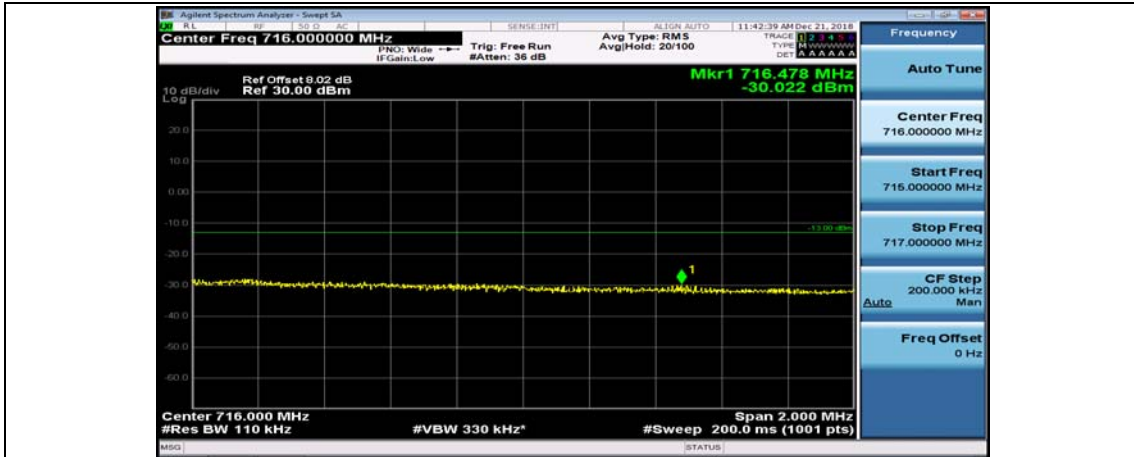
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



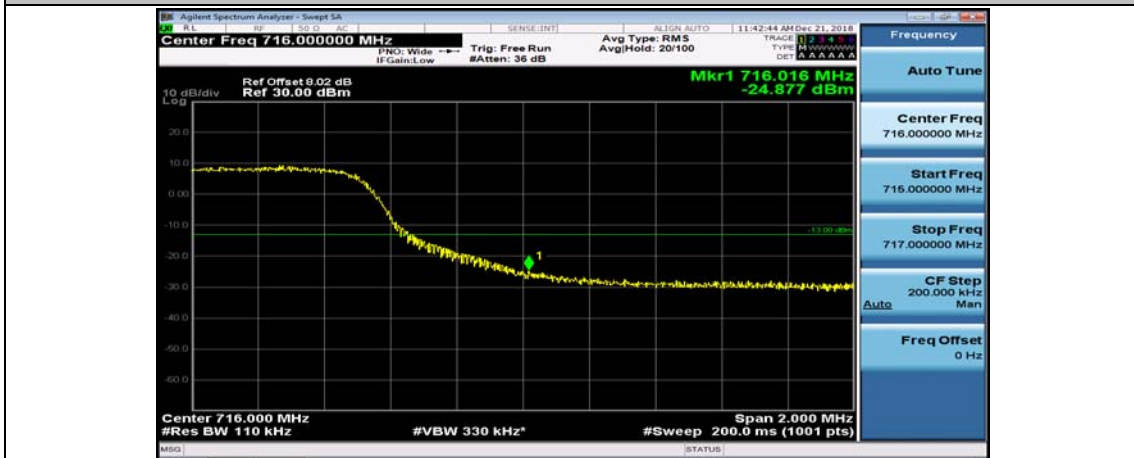
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



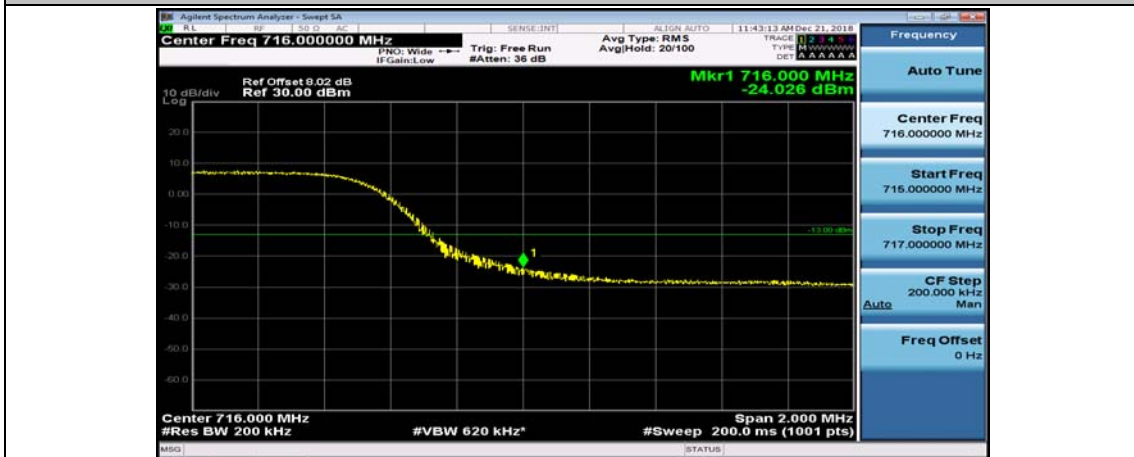
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



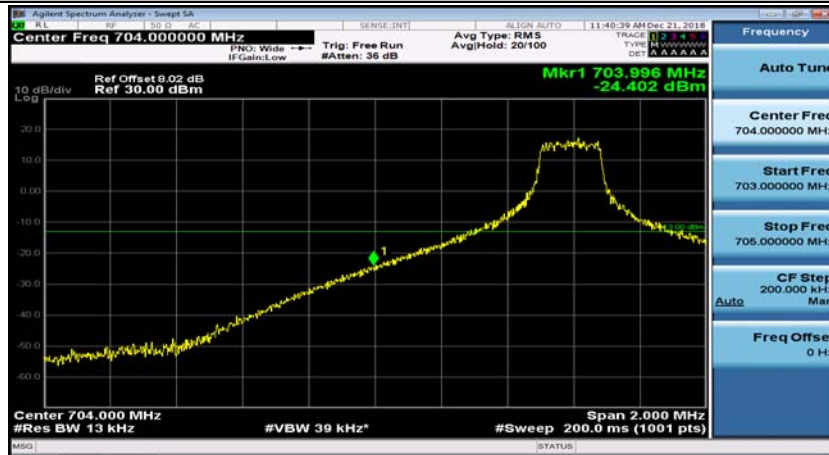
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



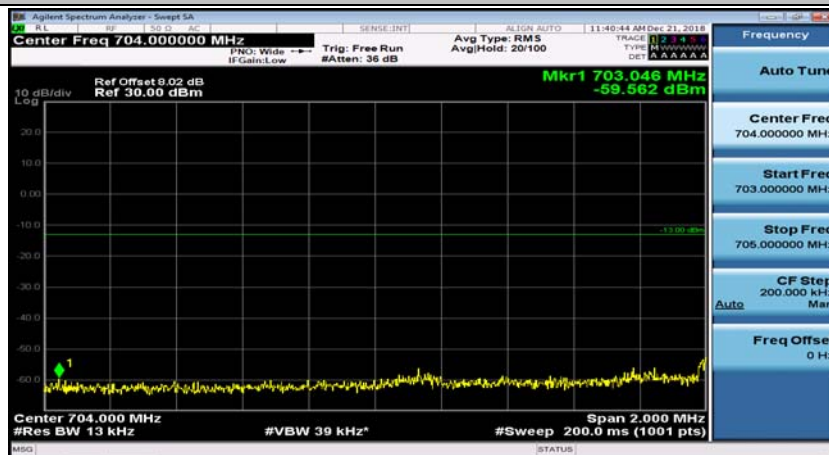
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



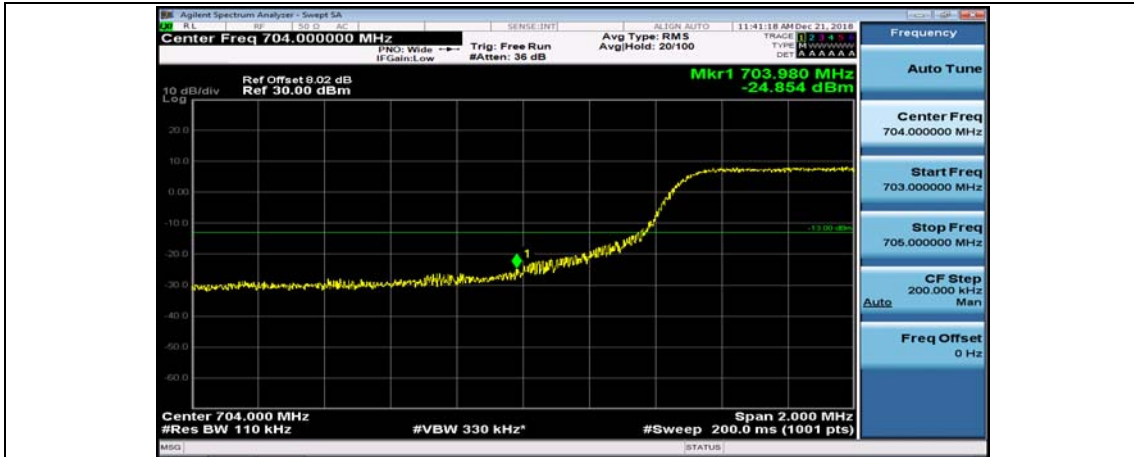
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



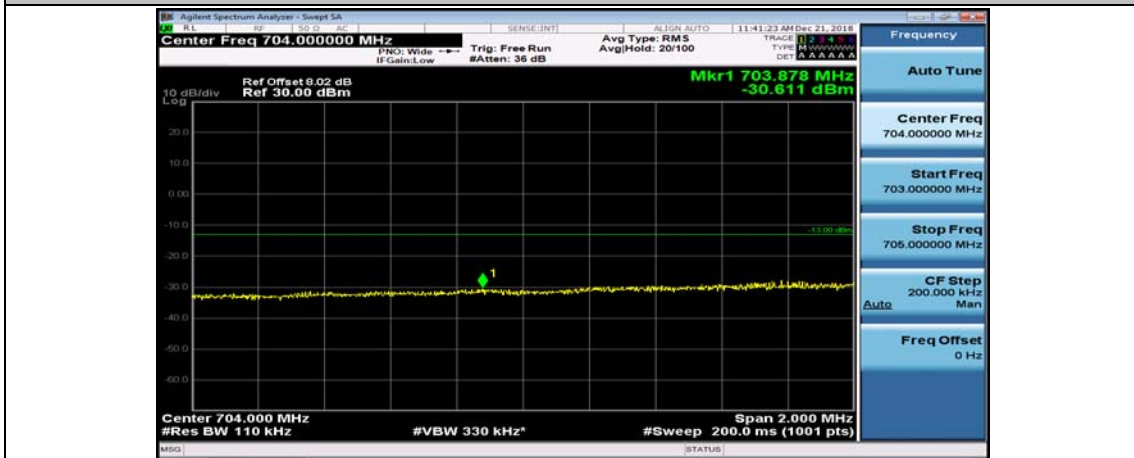
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



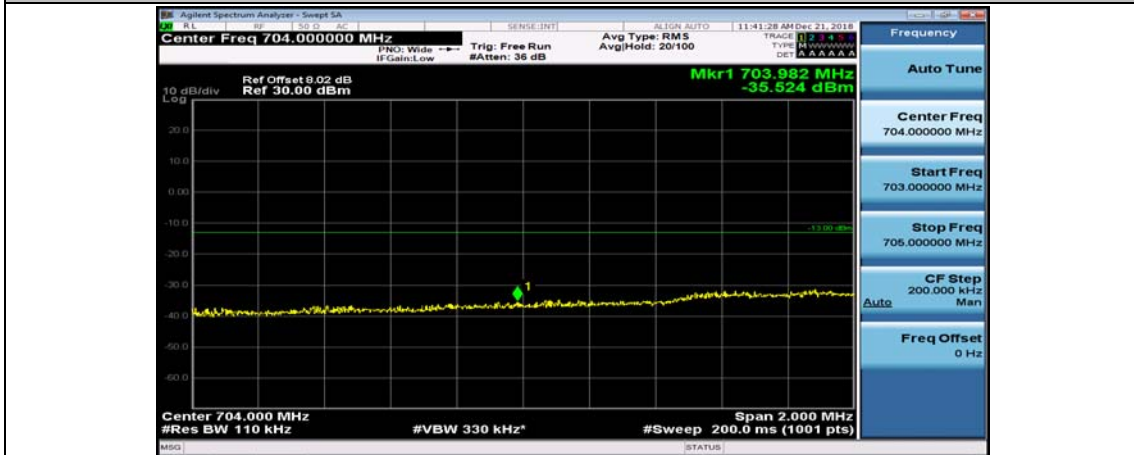
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12



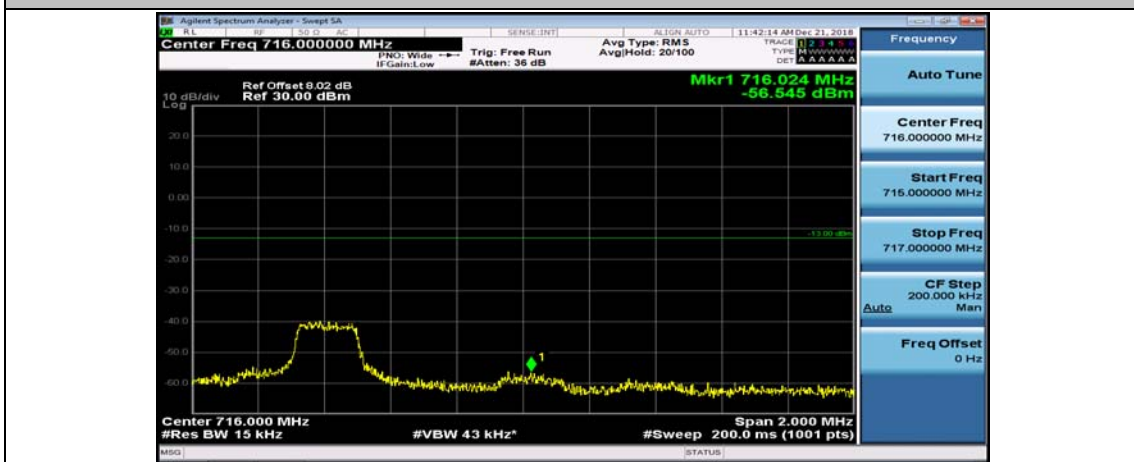
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



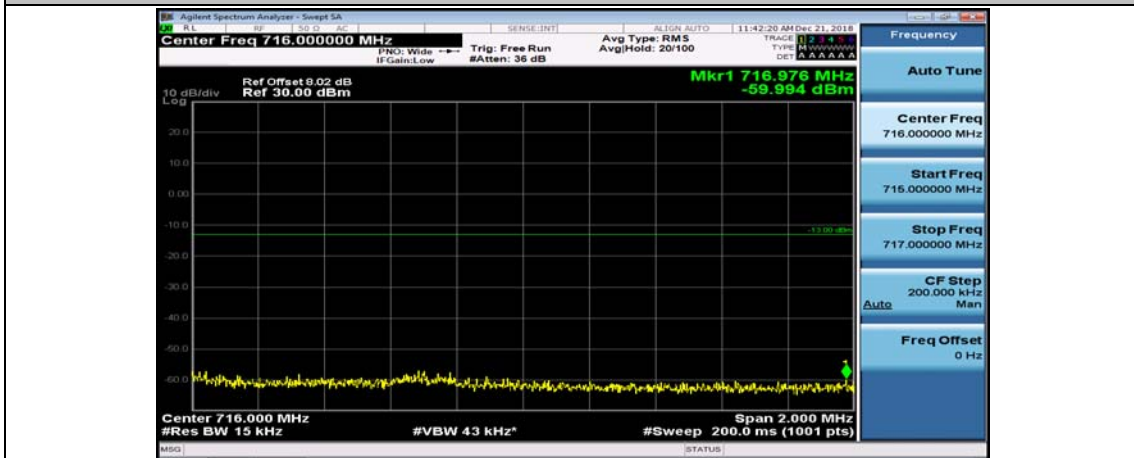
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



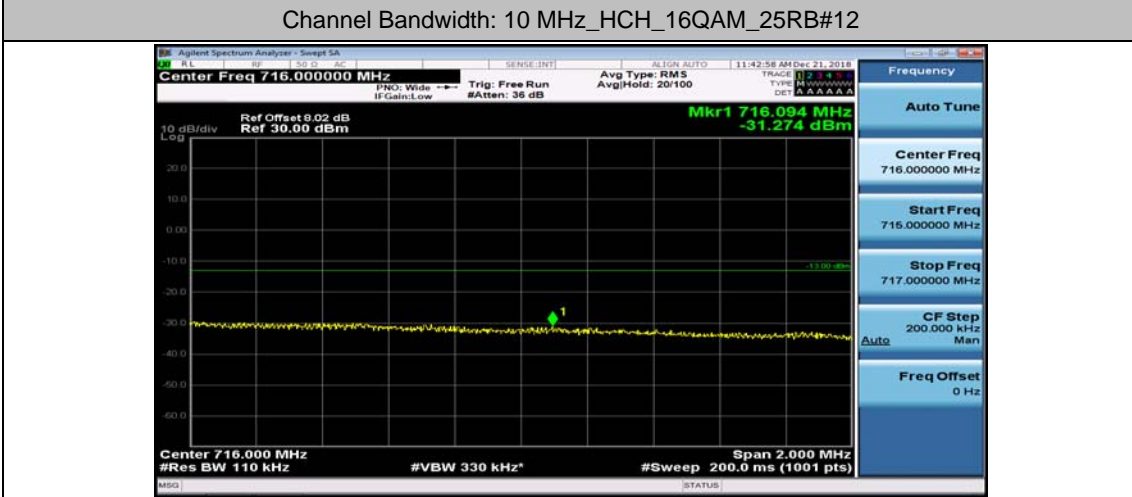
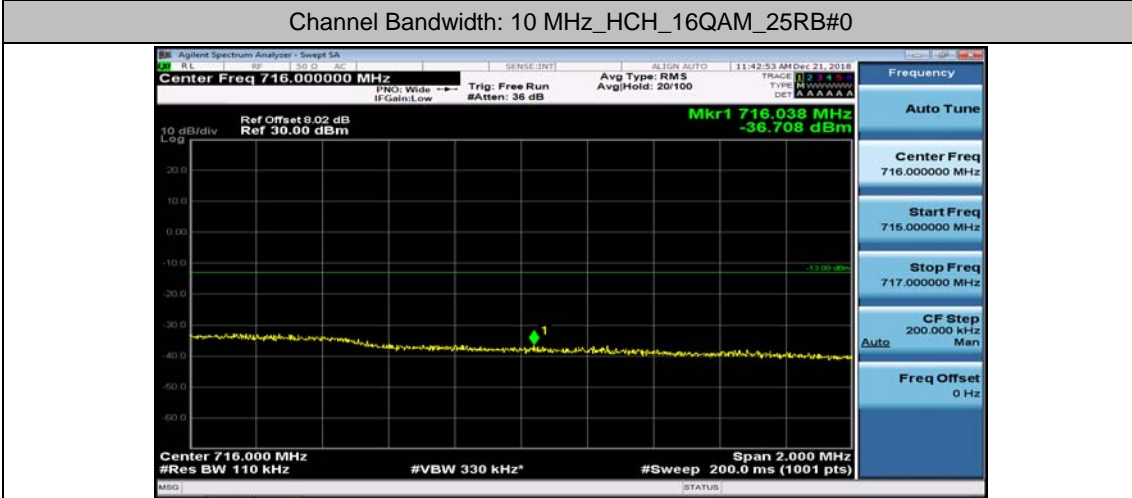
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

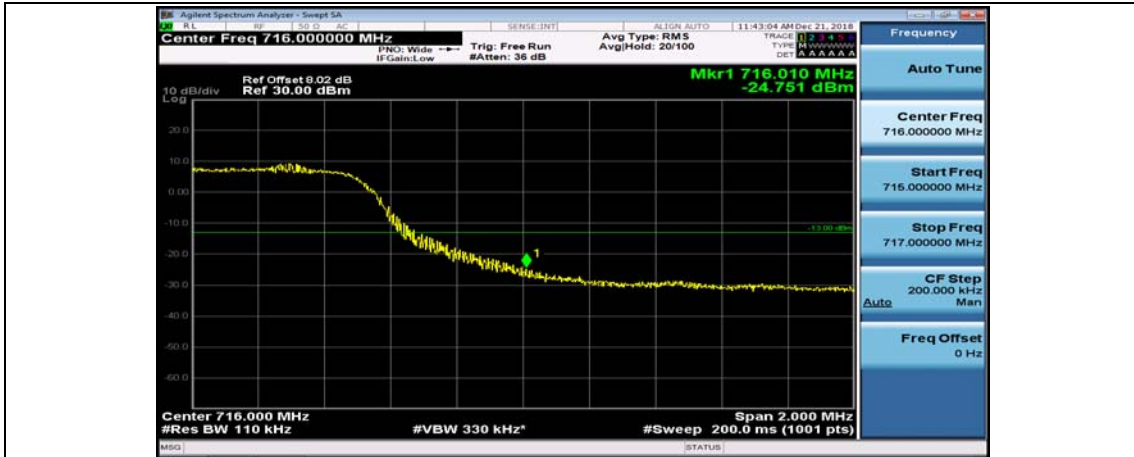


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24

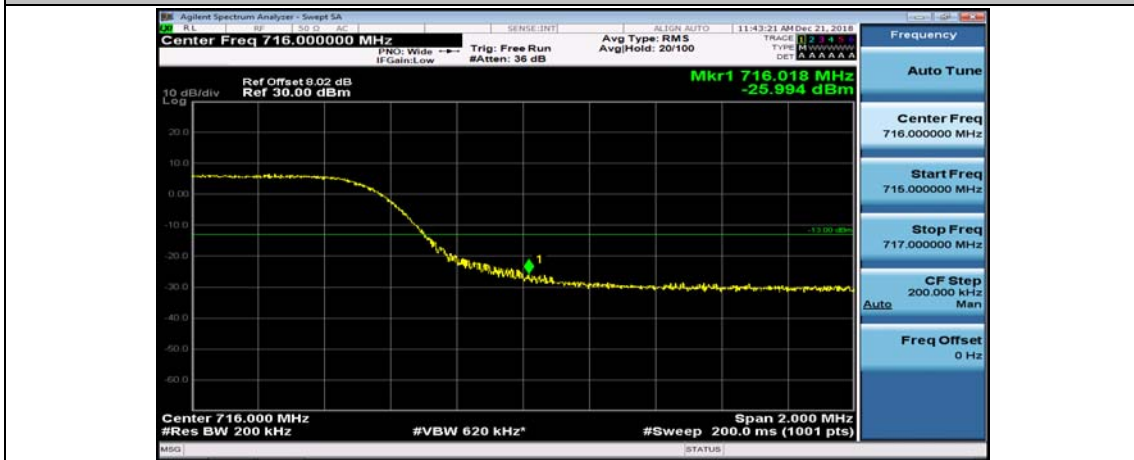


Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49





Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



Appendix E: Conducted Spurious Emission

Test Result

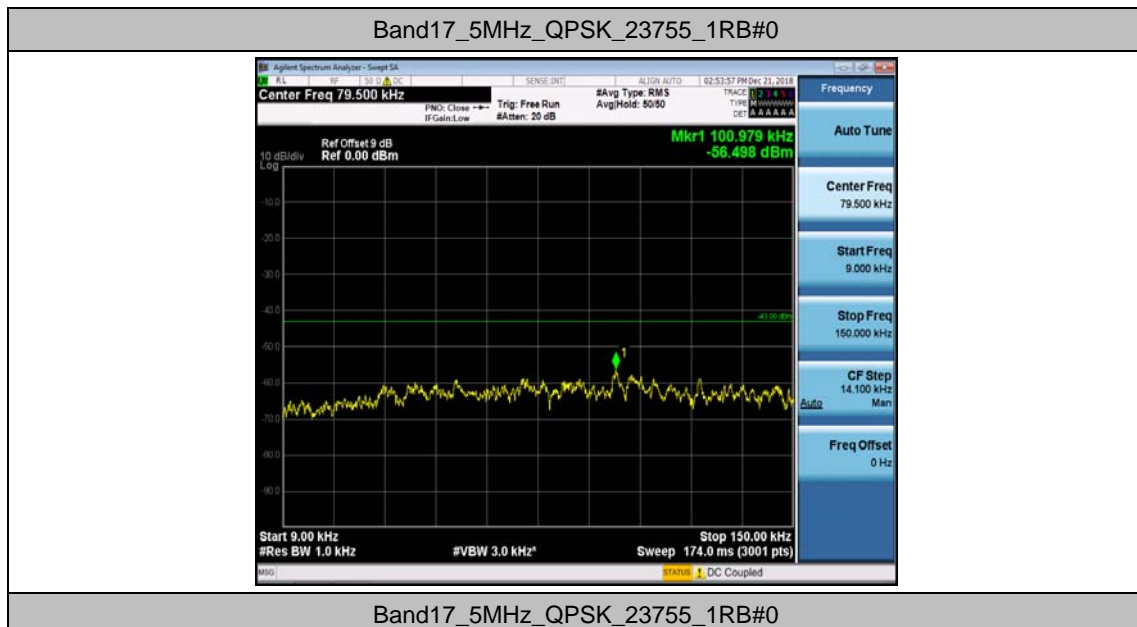
| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|------------|-----------|------------|---------|------------------|-----------------------|--------------|---------|
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range1:0.009~0.15MHz | -56.5 | PASS |
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range2:0.15~30MHz | -54.8 | PASS |
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range3:30~1000MHz | -51.3 3 | PASS |
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range4:1000~5000MHz | -39.1 3 | PASS |
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range5:5000~12000MHz | -57.0 7 | PASS |
| Band1 7 | 5MHz | QPSK | 23755 | 1RB#0 | Range6:12000~18000MHz | -44.1 2 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range1:0.009~0.15MHz | -58.1 2 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range2:0.15~30MHz | -54.3 4 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range3:30~1000MHz | -51.3 2 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range4:1000~5000MHz | -40.6 7 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range5:5000~12000MHz | -57.1 1 | PASS |
| Band1 7 | 5MHz | QPSK | 23790 | 1RB#0 | Range6:12000~18000MHz | -43.9 2 | PASS |
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range1:0.009~0.15MHz | -58.2 4 | PASS |
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range2:0.15~30MHz | -54.0 1 | PASS |
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range3:30~1000MHz | -51.7 2 | PASS |
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range4:1000~5000MHz | -43.4 4 | PASS |
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range5:5000~12000MHz | -57.2 6 | PASS |

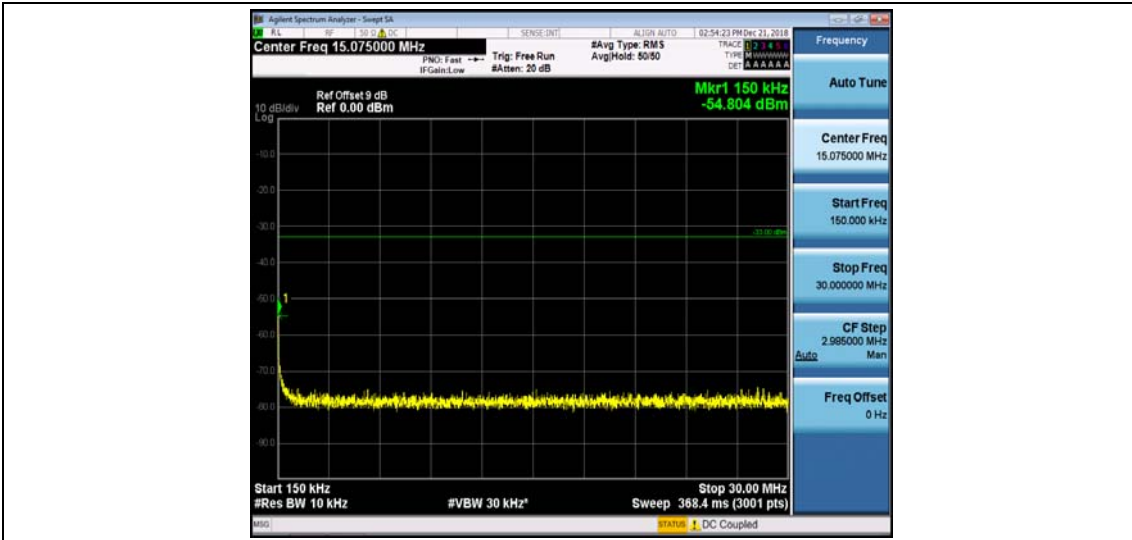
| | | | | | | | |
|------------|-------|-------|-------|-------|---------------------------|------------|------|
| Band1 7 | 5MHz | QPSK | 23825 | 1RB#0 | Range6:12000~18000M Hz | -44.1 7 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range1:0.009~0.15MHz | -58.3 8 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range2:0.15~30MHz | -56.5 2 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range3:30~1000MHz | -51.0 5 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range4:1000~5000MHz | -39.9 7 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range5:5000~12000MH z | -57.1 2 | PASS |
| Band1 7 | 5MHz | 16QAM | 23755 | 1RB#0 | Range6:12000~18000M Hz | -44.1 3 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range1:0.009~0.15MHz | -58.5 9 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range2:0.15~30MHz | -56.9 9 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range3:30~1000MHz | -51.1 6 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range4:1000~5000MHz | -41.3 8 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range5:5000~12000MH z | -57.0 5 | PASS |
| Band1 7 | 5MHz | 16QAM | 23790 | 1RB#0 | Range6:12000~18000M Hz | -44.0 6 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range1:0.009~0.15MHz | -58.5 5 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range2:0.15~30MHz | -57.6 4 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range3:30~1000MHz | -51.0 8 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range4:1000~5000MHz | -43.4 5 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range5:5000~12000MH z | -57.3 | PASS |
| Band1 7 | 5MHz | 16QAM | 23825 | 1RB#0 | Range6:12000~18000M Hz | -43.9 9 | PASS |
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range1:0.009~0.15MHz | -55.7 7 | PASS |
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range2:0.15~30MHz | -55.4 7 | PASS |
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range3:30~1000MHz | -51.1 9 | PASS |

| | | | | | | | |
|------------|-------|-------|-------|-------|-----------------------|------------|------|
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range4:1000~5000MHz | -38.8 | PASS |
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range5:5000~12000MHz | -57.2 | PASS |
| Band1 7 | 10MHz | QPSK | 23780 | 1RB#0 | Range6:12000~18000MHz | -44 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range1:0.009~0.15MHz | -57.8 4 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range2:0.15~30MHz | -56.2 2 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range3:30~1000MHz | -50.8 5 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range4:1000~5000MHz | -38.4 8 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range5:5000~12000MHz | -57.1 6 | PASS |
| Band1 7 | 10MHz | QPSK | 23790 | 1RB#0 | Range6:12000~18000MHz | -44.2 4 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range1:0.009~0.15MHz | -57.9 1 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range2:0.15~30MHz | -56.1 2 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range3:30~1000MHz | -51.3 6 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range4:1000~5000MHz | -39.4 9 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range5:5000~12000MHz | -57.2 3 | PASS |
| Band1 7 | 10MHz | QPSK | 23800 | 1RB#0 | Range6:12000~18000MHz | -44.1 8 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range1:0.009~0.15MHz | -57.9 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range2:0.15~30MHz | -53.8 4 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range3:30~1000MHz | -51.0 2 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range4:1000~5000MHz | -39.0 1 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range5:5000~12000MHz | -57.0 7 | PASS |
| Band1 7 | 10MHz | 16QAM | 23780 | 1RB#0 | Range6:12000~18000MHz | -43.9 2 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range1:0.009~0.15MHz | -58.3 9 | PASS |

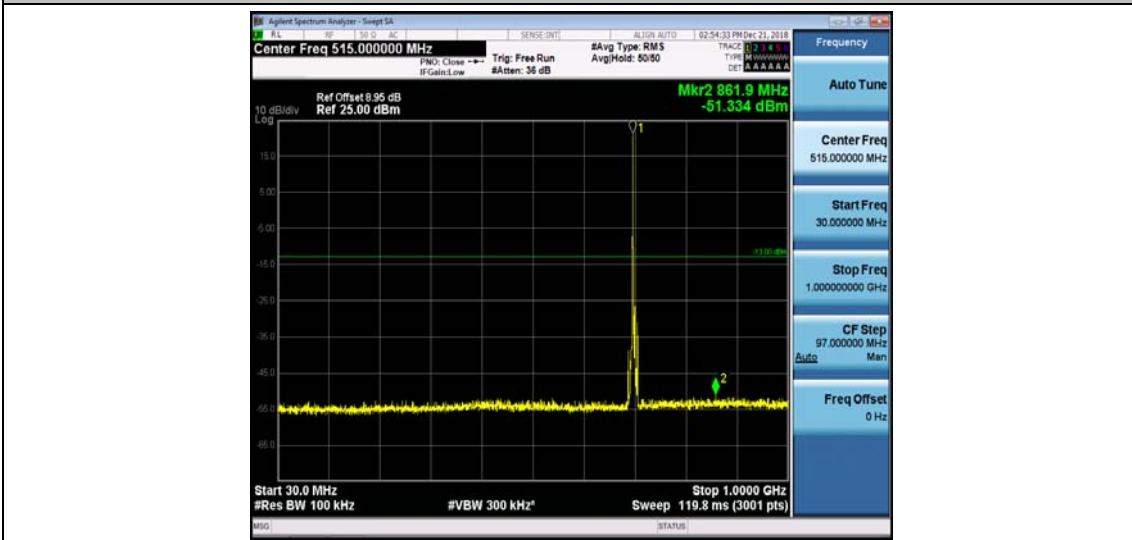
| | | | | | | | |
|------------|-------|-------|-------|-------|-----------------------|------------|------|
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range2:0.15~30MHz | -56.7 2 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range3:30~1000MHz | -51.5 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range4:1000~5000MHz | -39.0 2 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range5:5000~12000MHz | -57.1 2 | PASS |
| Band1 7 | 10MHz | 16QAM | 23790 | 1RB#0 | Range6:12000~18000MHz | -44.1 8 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range1:0.009~0.15MHz | -58.4 1 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range2:0.15~30MHz | -56.2 8 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range3:30~1000MHz | -50.6 9 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range4:1000~5000MHz | -39.3 3 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range5:5000~12000MHz | -57.0 8 | PASS |
| Band1 7 | 10MHz | 16QAM | 23800 | 1RB#0 | Range6:12000~18000MHz | -44.0 4 | PASS |

Test Graphs





Band17_5MHz_QPSK_23755_1RB#0



Band17_5MHz_QPSK_23755_1RB#0



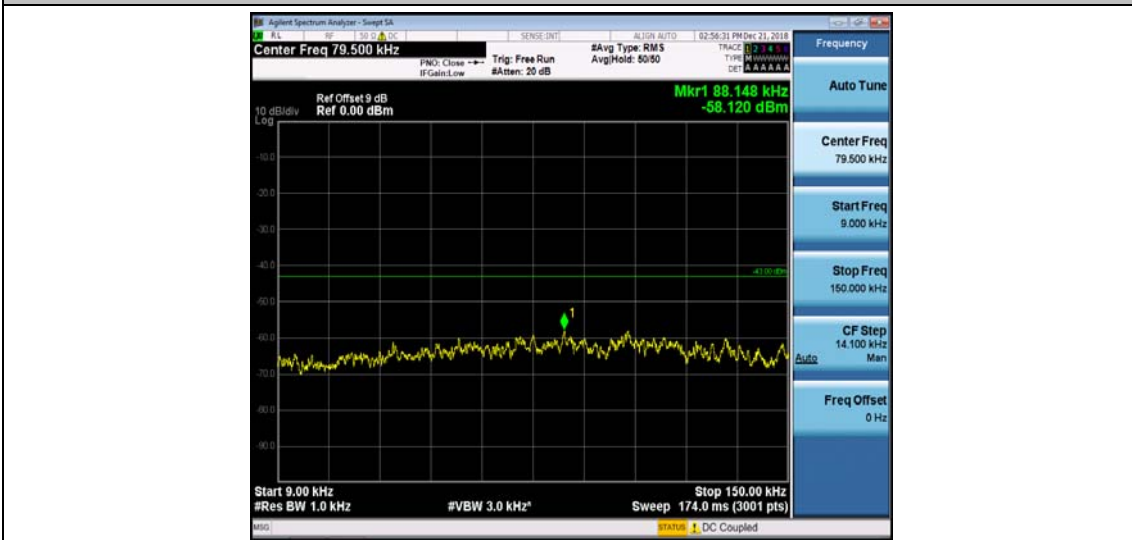
Band17_5MHz_QPSK_23755_1RB#0



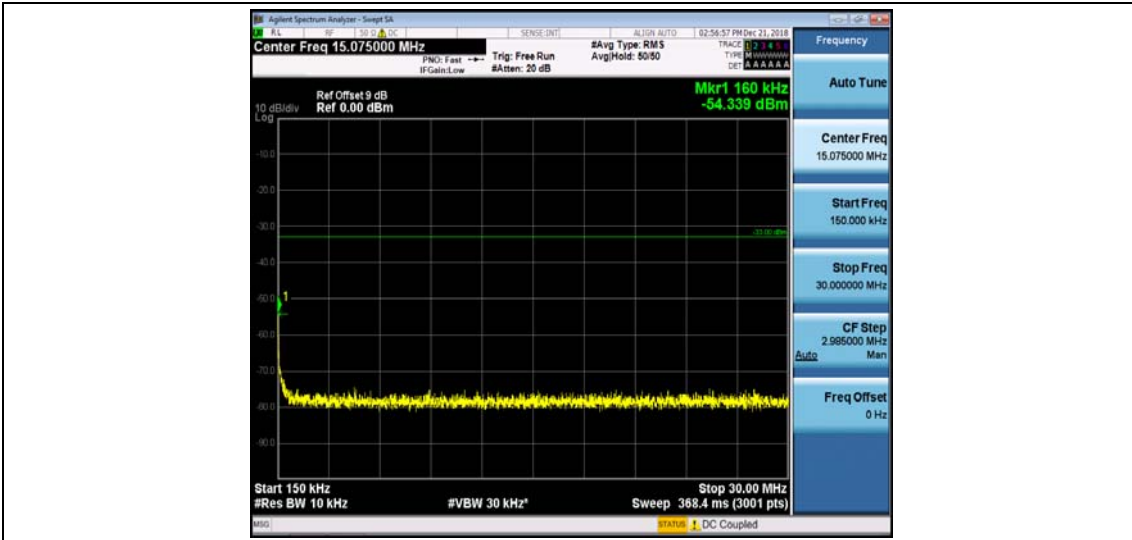
Band17_5MHz_QPSK_23755_1RB#0



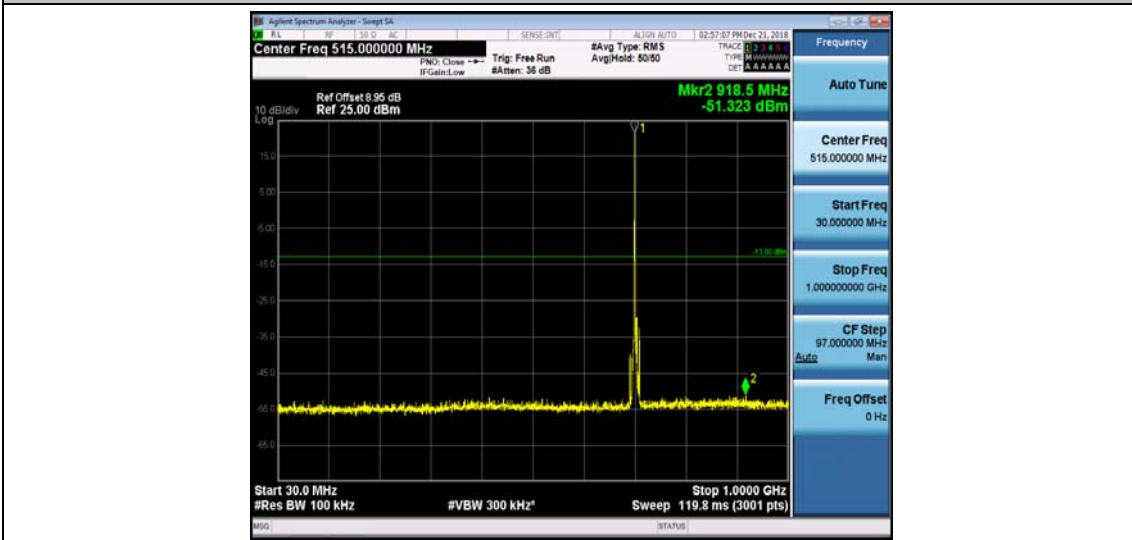
Band17_5MHz_QPSK_23790_1RB#0



Band17_5MHz_QPSK_23790_1RB#0



Band17_5MHz_QPSK_23790_1RB#0



Band17_5MHz_QPSK_23790_1RB#0



Band17_5MHz_QPSK_23790_1RB#0



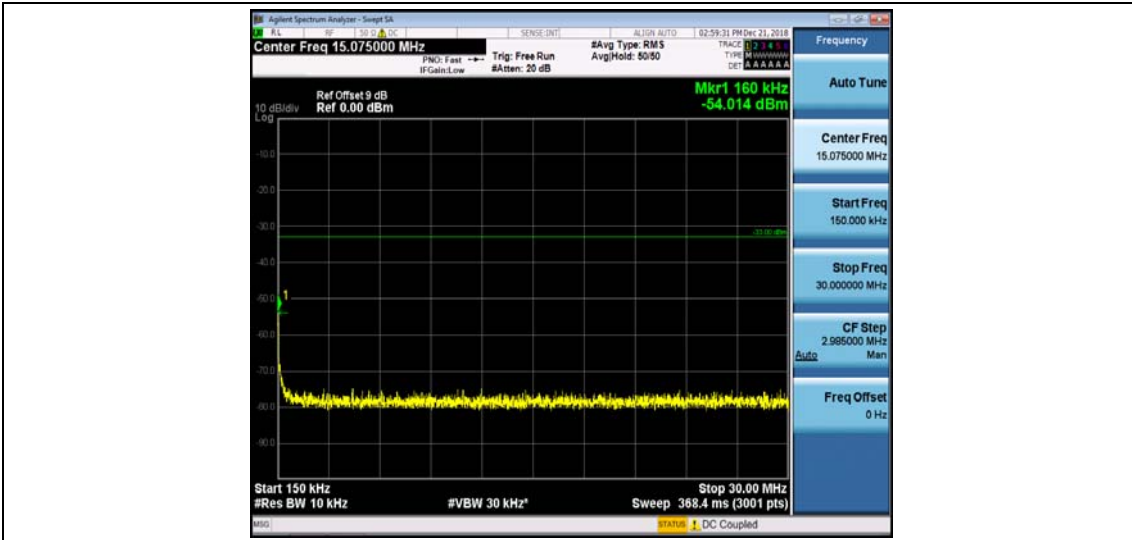
Band17_5MHz_QPSK_23790_1RB#0



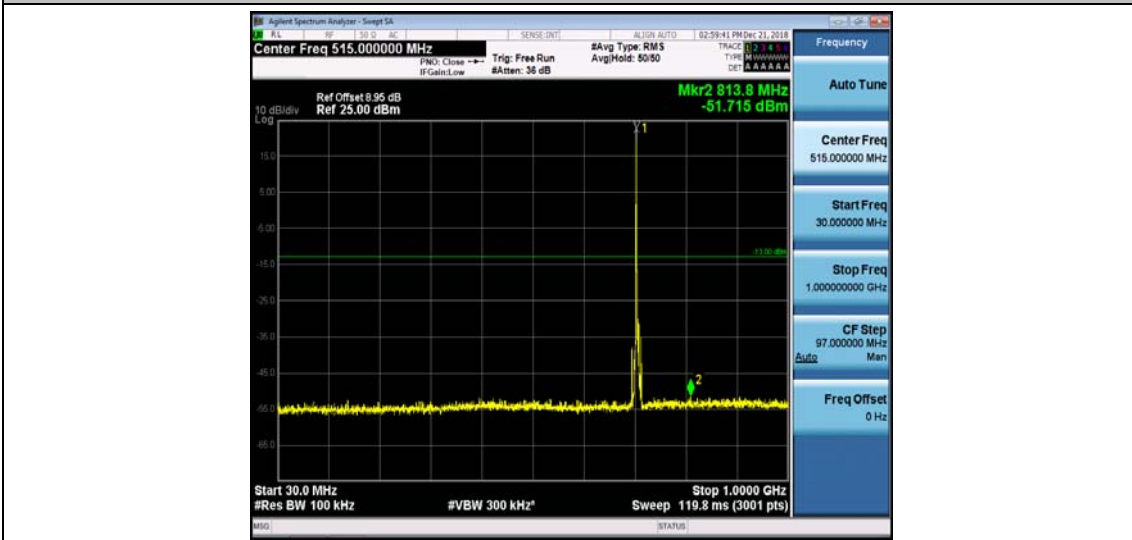
Band17_5MHz_QPSK_23825_1RB#0



Band17_5MHz_QPSK_23825_1RB#0



Band17_5MHz_QPSK_23825_1RB#0



Band17_5MHz_QPSK_23825_1RB#0



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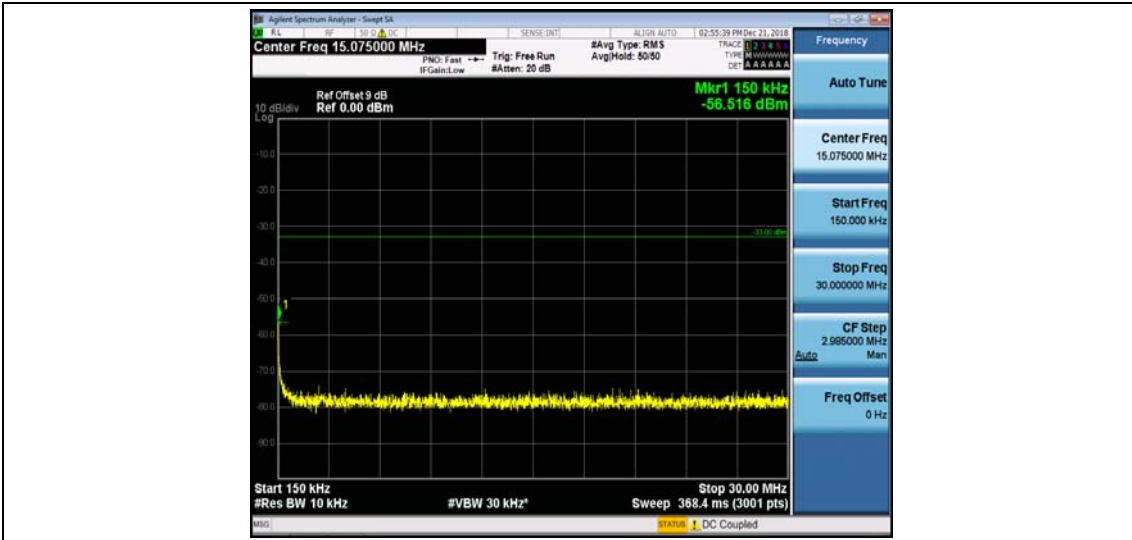
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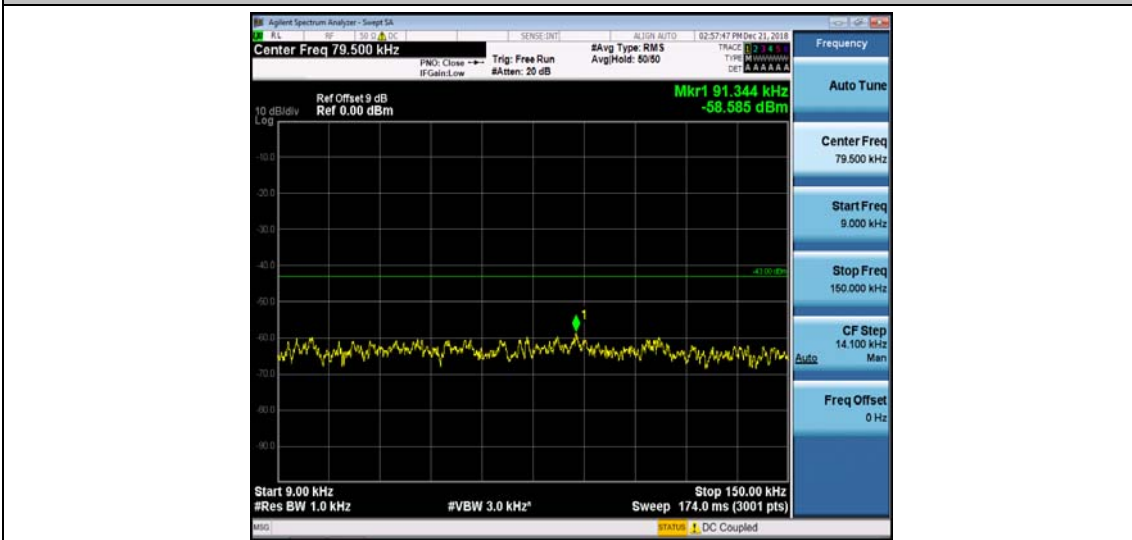
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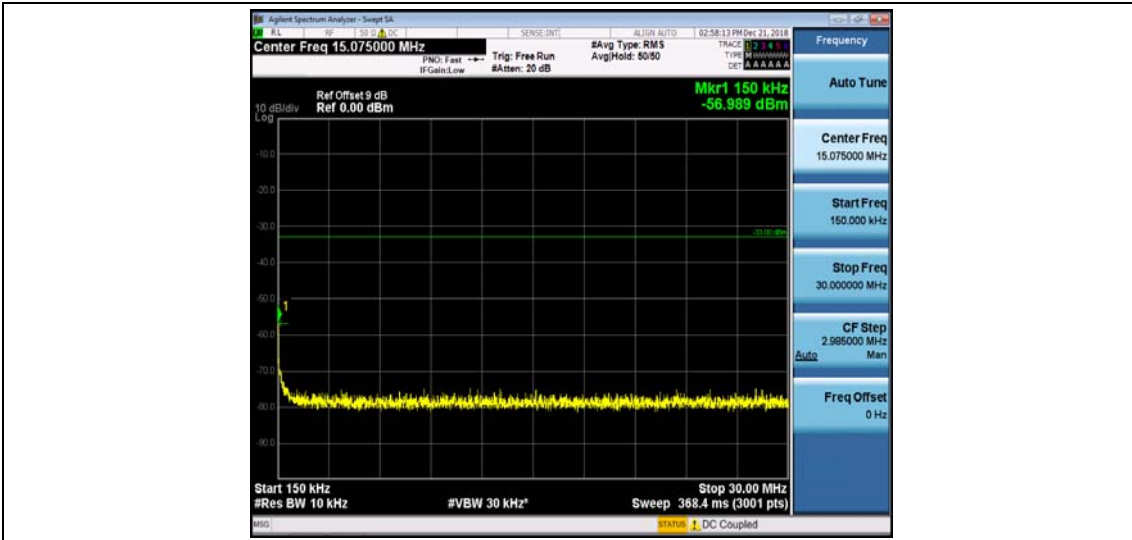
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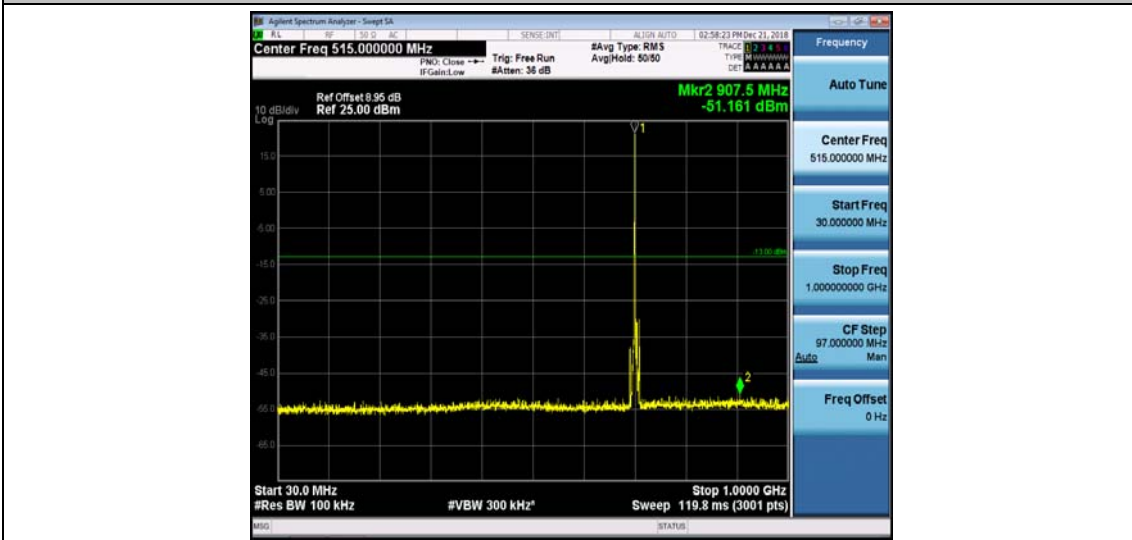
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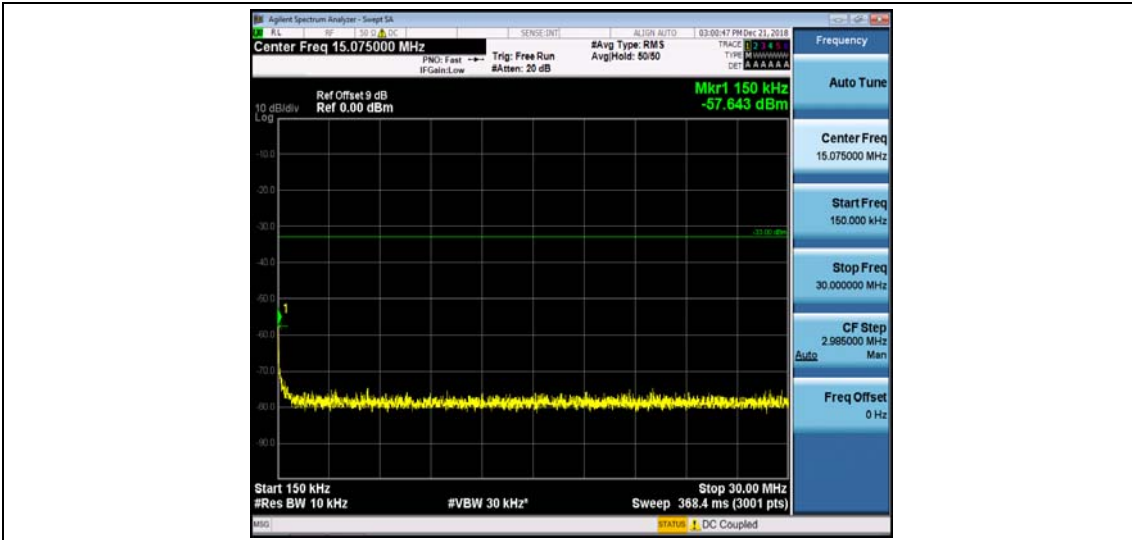
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Band17_5MHz_16QAM_23825_1RB#0



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Band17_5MHz_16QAM_23825_1RB#0



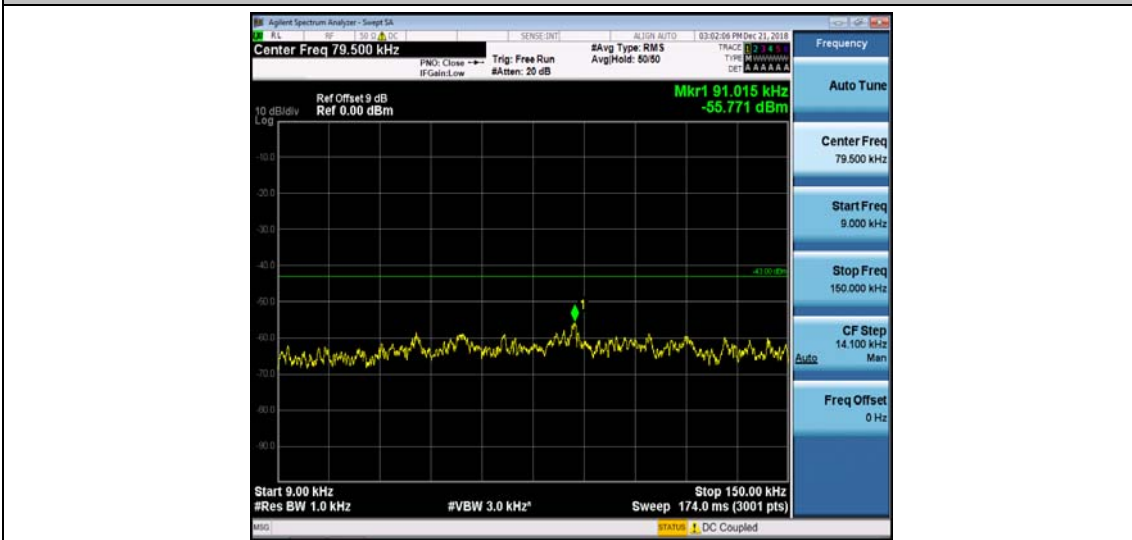
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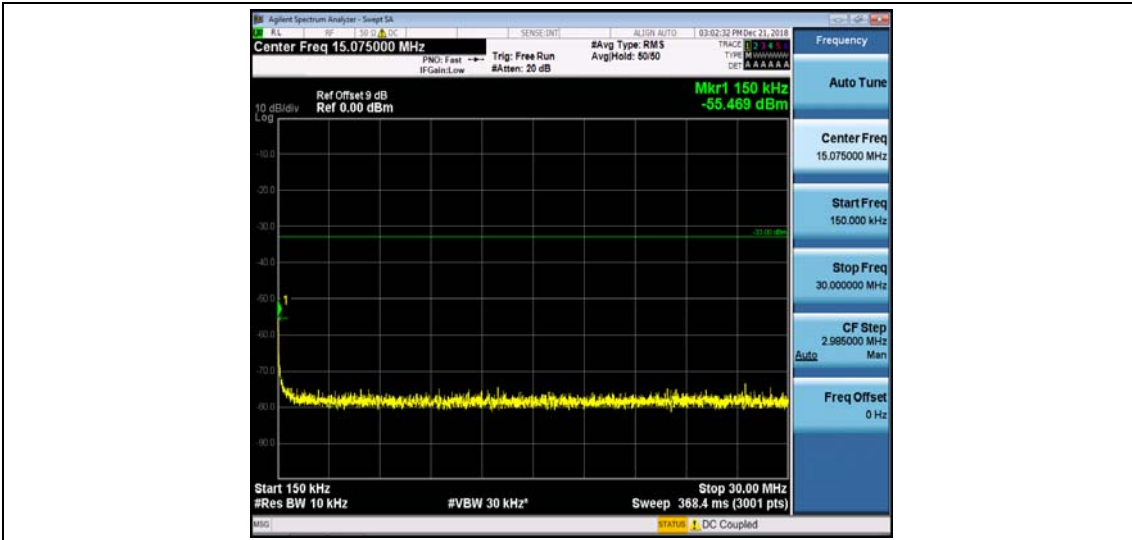
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Band17_10MHz_QPSK_23780_1RB#0



Band17_10MHz_QPSK_23780_1RB#0



Band17_10MHz_QPSK_23780_1RB#0



Band17_10MHz_QPSK_23780_1RB#0



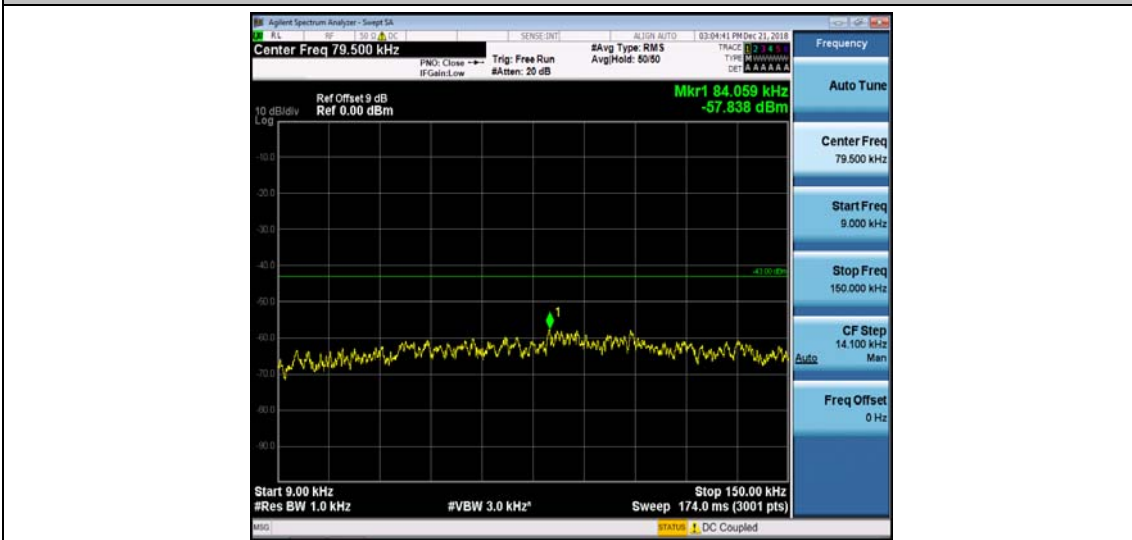
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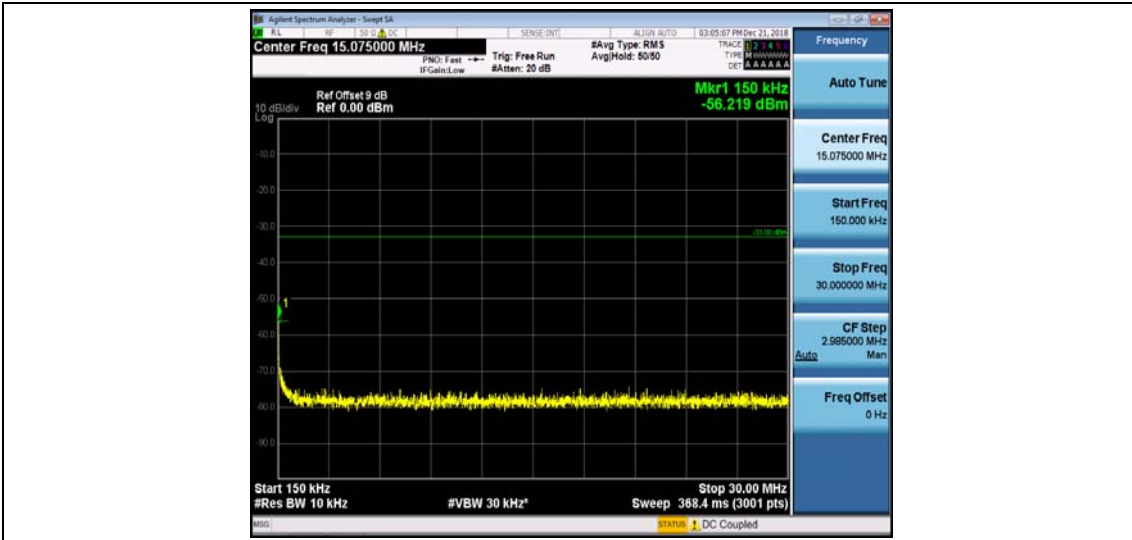
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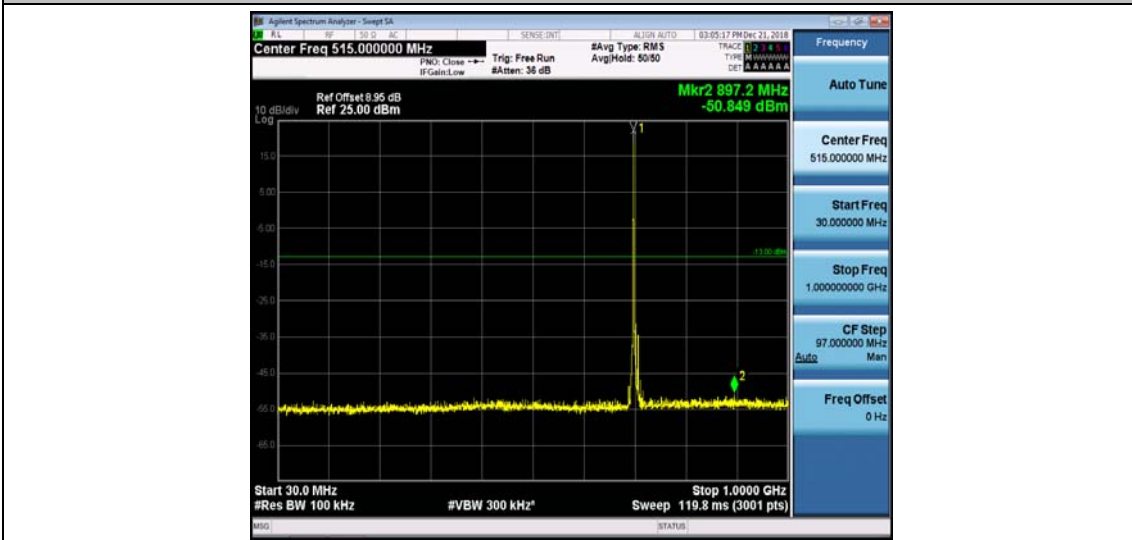
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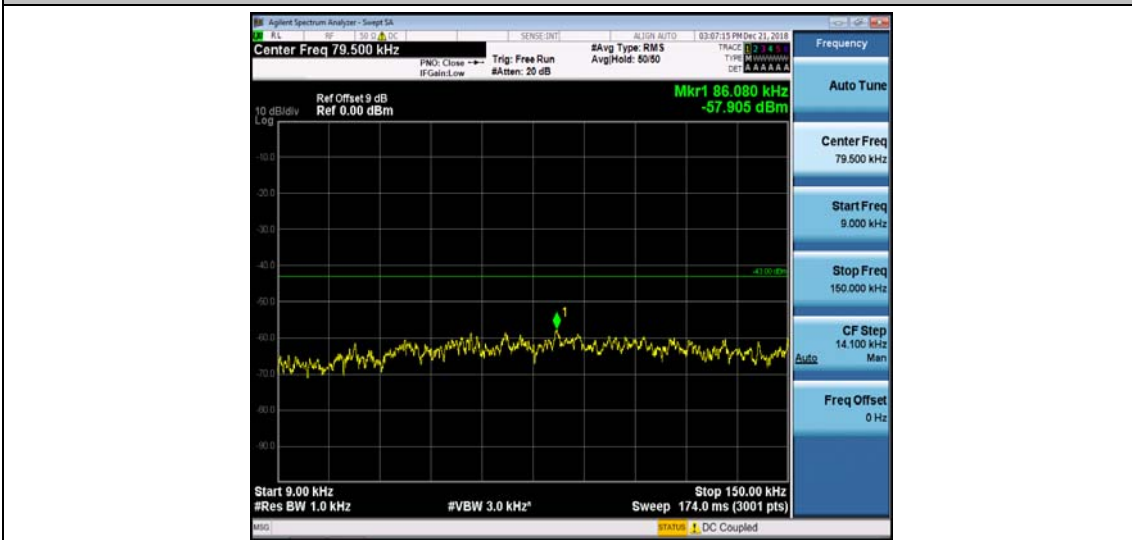
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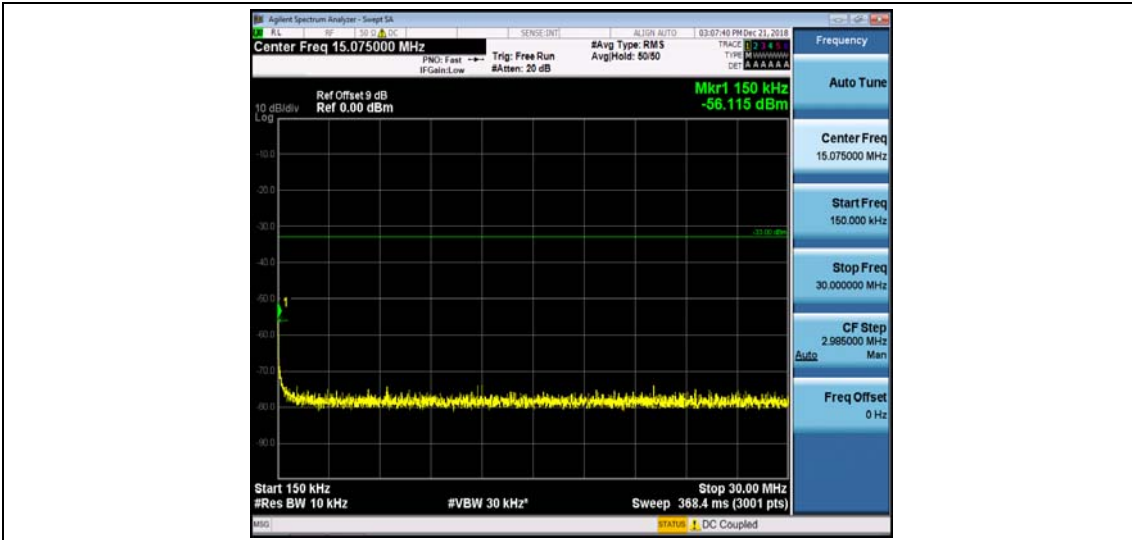
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Band17_10MHz_QPSK_23800_1RB#0



Band17_10MHz_QPSK_23800_1RB#0



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Band17_10MHz_QPSK_23800_1RB#0



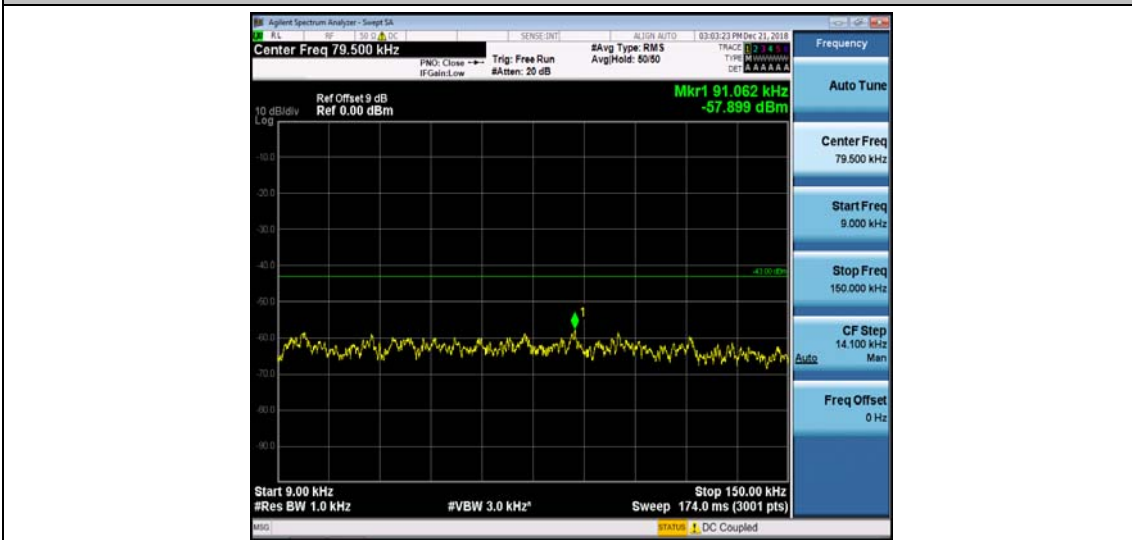
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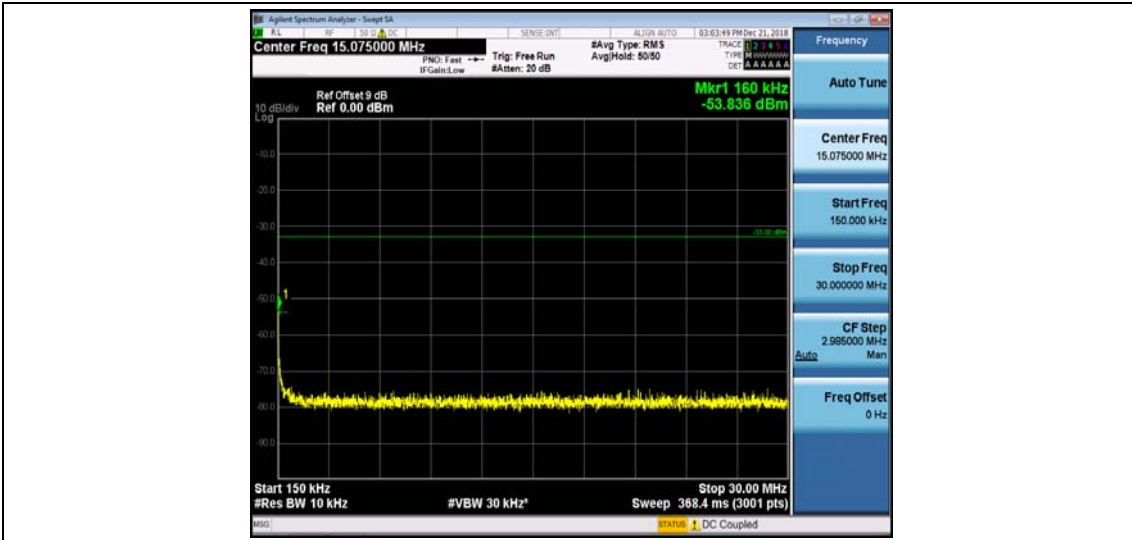
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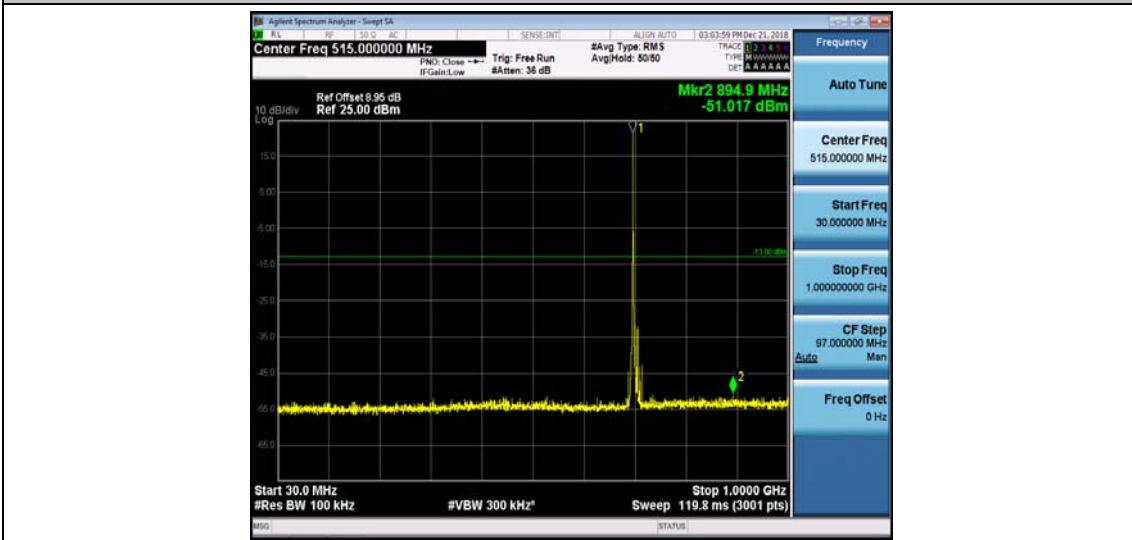
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Band17_10MHz_16QAM_23780_1RB#0



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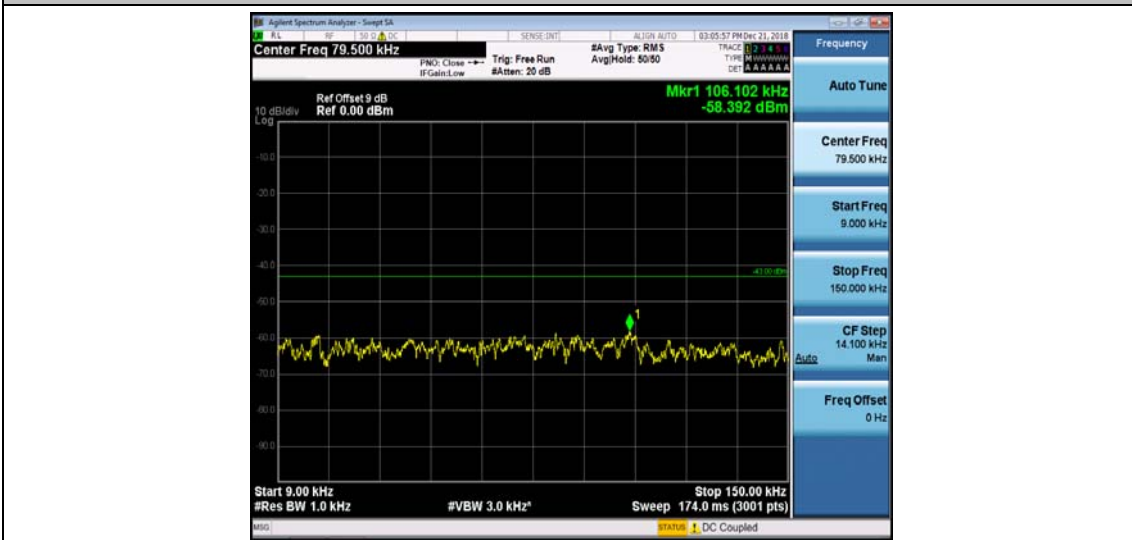
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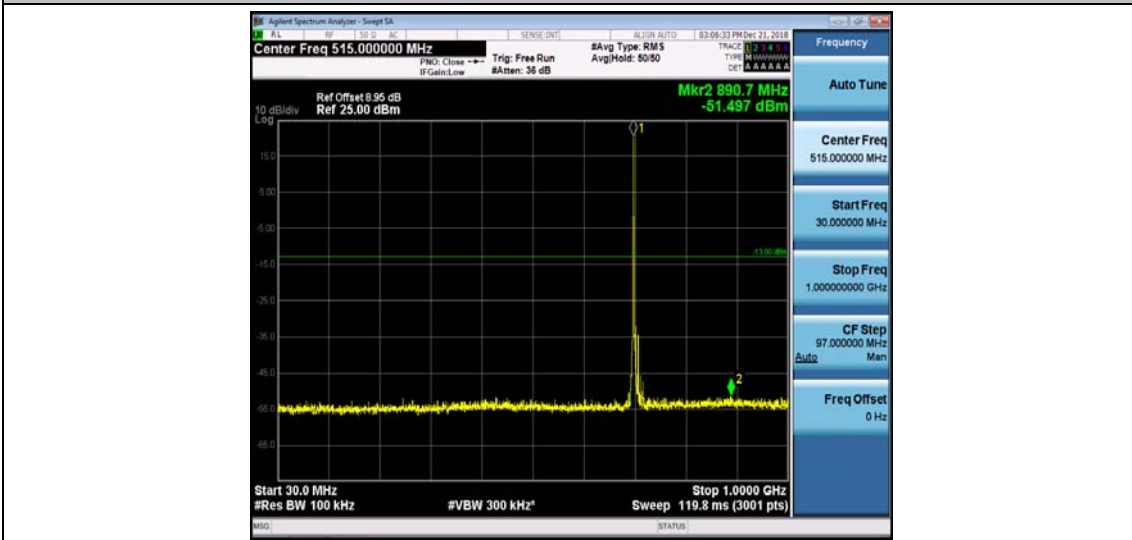
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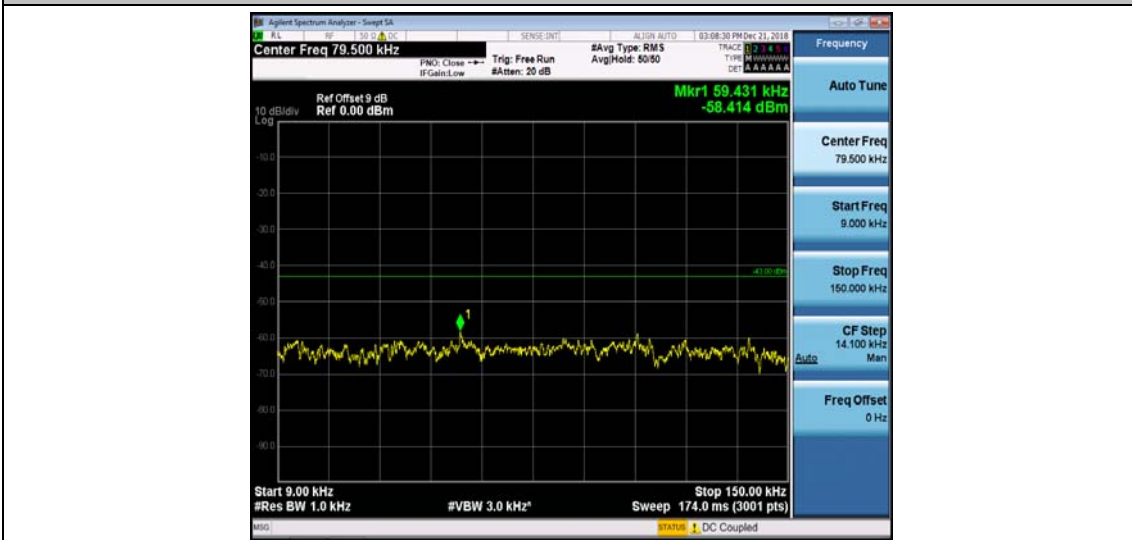
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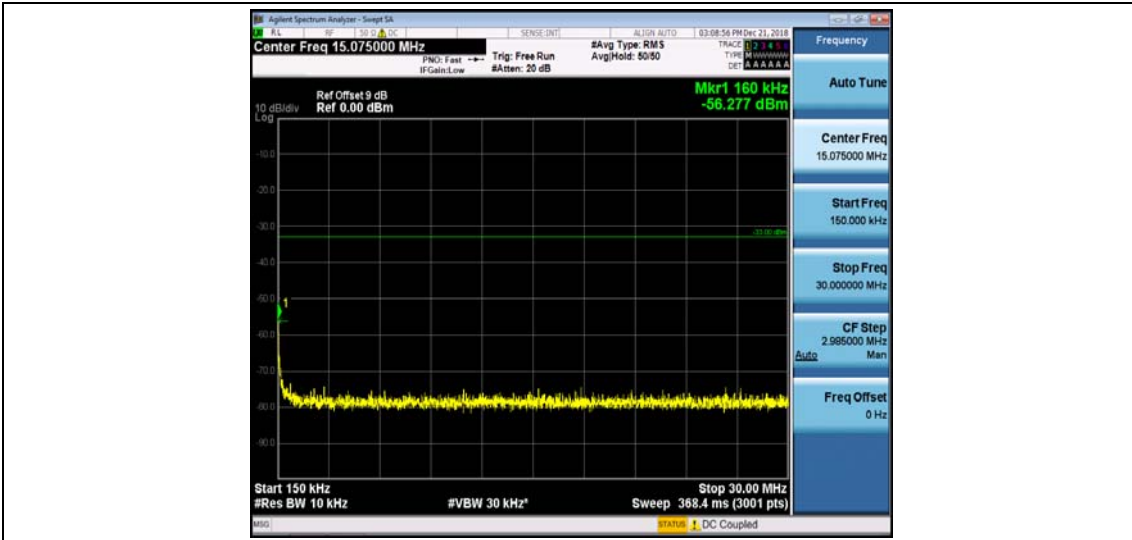
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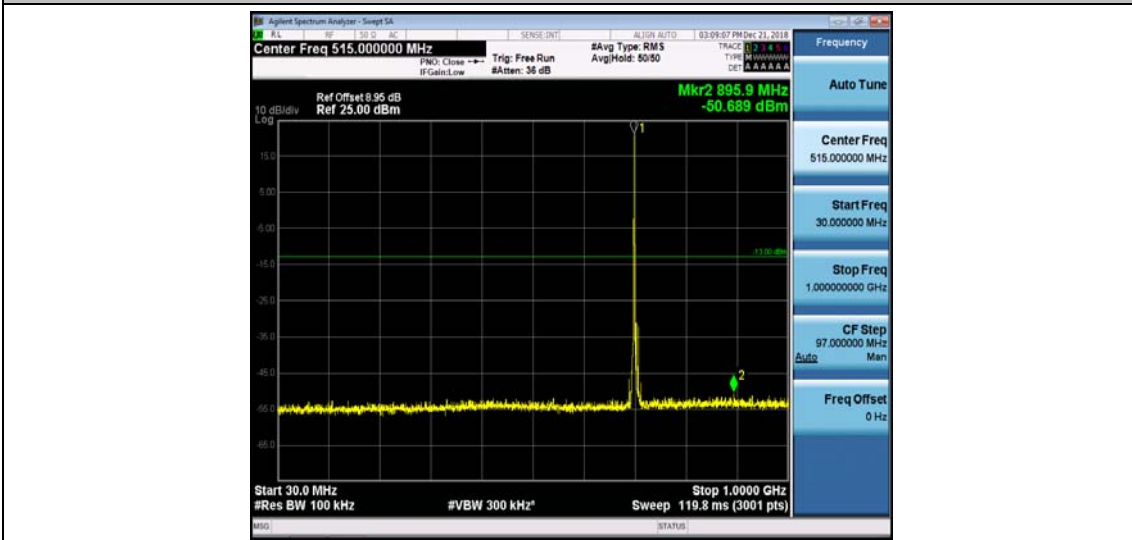
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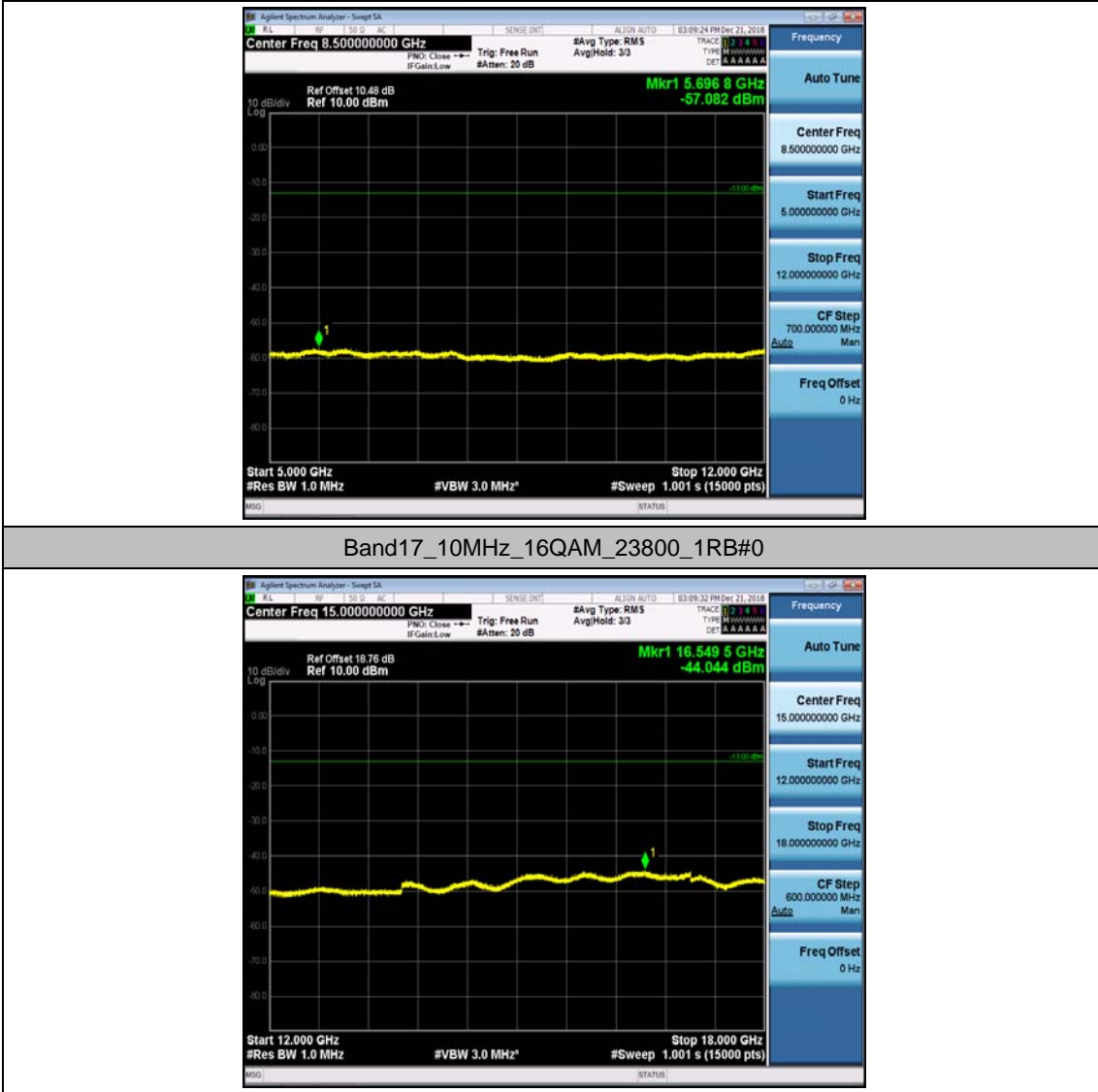
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Band17_10MHz_16QAM_23800_1RB#0



Band17_10MHz_16QAM_23800_1RB#0



Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

| Channel Bandwidth: 5 MHz | | | | | | | |
|--------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 0.13 | 0.000184 | ± 2.5 | PASS |
| | | VN | TN | 1.62 | 0.002293 | ± 2.5 | PASS |
| | | VH | TN | 0.66 | 0.000934 | ± 2.5 | PASS |
| | MCH | VL | TN | 1.39 | 0.001958 | ± 2.5 | PASS |
| | | VN | TN | -0.78 | -0.001099 | ± 2.5 | PASS |
| | | VH | TN | 3.09 | 0.004352 | ± 2.5 | PASS |
| | HCH | VL | TN | 0.17 | 0.000238 | ± 2.5 | PASS |
| | | VN | TN | -0.34 | -0.000477 | ± 2.5 | PASS |
| | | VH | TN | 0.2 | 0.000280 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 0.99 | 0.001401 | ± 2.5 | PASS |
| | | VN | TN | 4.02 | 0.005690 | ± 2.5 | PASS |
| | | VH | TN | 1.21 | 0.001713 | ± 2.5 | PASS |
| | MCH | VL | TN | 3.71 | 0.005225 | ± 2.5 | PASS |
| | | VN | TN | 3.45 | 0.004859 | ± 2.5 | PASS |
| | | VH | TN | 4.52 | 0.006366 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.13 | 0.001584 | ± 2.5 | PASS |
| | | VN | TN | 0.85 | 0.001191 | ± 2.5 | PASS |
| | | VH | TN | -0.88 | -0.001233 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VN | -30 | 2.47 | 0.003496 | ± 2.5 | PASS |
| | | VN | -20 | 2.14 | 0.003029 | ± 2.5 | PASS |
| | | VN | -10 | -1.59 | -0.002251 | ± 2.5 | PASS |
| | | VN | 0 | 3.51 | 0.004968 | ± 2.5 | PASS |
| | | VN | 10 | 1.25 | 0.001769 | ± 2.5 | PASS |
| | | VN | 20 | 2.54 | 0.003595 | ± 2.5 | PASS |
| | | VN | 30 | 2.75 | 0.003892 | ± 2.5 | PASS |
| | | VN | 40 | 1.94 | 0.002746 | ± 2.5 | PASS |
| | | VN | 50 | 1.34 | 0.001897 | ± 2.5 | PASS |
| | MCH | VN | -30 | 0.57 | 0.000803 | ± 2.5 | PASS |
| | | VN | -20 | 3.64 | 0.005127 | ± 2.5 | PASS |
| | | VN | -10 | 0.6 | 0.000845 | ± 2.5 | PASS |

| | | | | | | | | | |
|-----|-----|-------|-----|-------|-----------|-------|----------|-------|------|
| | | VN | 0 | -1.49 | -0.002099 | ± 2.5 | PASS | | |
| | | VN | 10 | 1.72 | 0.002423 | ± 2.5 | PASS | | |
| | | VN | 20 | 3.45 | 0.004859 | ± 2.5 | PASS | | |
| | | VN | 30 | 3.43 | 0.004831 | ± 2.5 | PASS | | |
| | | VN | 40 | -1.1 | -0.001549 | ± 2.5 | PASS | | |
| | | VN | 50 | 1.65 | 0.002324 | ± 2.5 | PASS | | |
| | HCH | VN | -30 | -0.39 | -0.000547 | ± 2.5 | PASS | | |
| | | VN | -20 | 2.66 | 0.003728 | ± 2.5 | PASS | | |
| | | VN | -10 | -0.02 | -0.000028 | ± 2.5 | PASS | | |
| | | VN | 0 | 2.84 | 0.003980 | ± 2.5 | PASS | | |
| | | VN | 10 | 2.7 | 0.003784 | ± 2.5 | PASS | | |
| | | VN | 20 | -0.66 | -0.000925 | ± 2.5 | PASS | | |
| | | VN | 30 | 1.67 | 0.002341 | ± 2.5 | PASS | | |
| | | VN | 40 | 0.3 | 0.000420 | ± 2.5 | PASS | | |
| | | VN | 50 | 0.72 | 0.001009 | ± 2.5 | PASS | | |
| | | 16QAM | LCH | VN | -30 | 2.2 | 0.003114 | ± 2.5 | PASS |
| | | | | VN | -20 | 2.84 | 0.004020 | ± 2.5 | PASS |
| | | | | VN | -10 | 2.65 | 0.003751 | ± 2.5 | PASS |
| VN | 0 | | | 0.86 | 0.001217 | ± 2.5 | PASS | | |
| VN | 10 | | | 4.36 | 0.006171 | ± 2.5 | PASS | | |
| VN | 20 | | | 4.63 | 0.006553 | ± 2.5 | PASS | | |
| VN | 30 | | | 0.7 | 0.000991 | ± 2.5 | PASS | | |
| VN | 40 | | | -1.89 | -0.002675 | ± 2.5 | PASS | | |
| VN | 50 | | | 1.6 | 0.002265 | ± 2.5 | PASS | | |
| MCH | VN | | -30 | 0.35 | 0.000493 | ± 2.5 | PASS | | |
| | VN | | -20 | -0.62 | -0.000873 | ± 2.5 | PASS | | |
| | VN | | -10 | 2.47 | 0.003479 | ± 2.5 | PASS | | |
| | VN | | 0 | 0.54 | 0.000761 | ± 2.5 | PASS | | |
| | VN | | 10 | 4.7 | 0.006620 | ± 2.5 | PASS | | |
| | VN | | 20 | 3.98 | 0.005606 | ± 2.5 | PASS | | |
| | VN | | 30 | 2.22 | 0.003127 | ± 2.5 | PASS | | |
| | VN | | 40 | 4.69 | 0.006606 | ± 2.5 | PASS | | |
| | VN | | 50 | 3.75 | 0.005282 | ± 2.5 | PASS | | |
| HCH | VN | | -30 | 1.98 | 0.002775 | ± 2.5 | PASS | | |
| | VN | | -20 | 1.52 | 0.002130 | ± 2.5 | PASS | | |
| | VN | | -10 | 1.48 | 0.002074 | ± 2.5 | PASS | | |
| | VN | | 0 | -1.1 | -0.001542 | ± 2.5 | PASS | | |
| | VN | | 10 | -0.21 | -0.000294 | ± 2.5 | PASS | | |
| | VN | | 20 | 1.22 | 0.001710 | ± 2.5 | PASS | | |
| | VN | | 30 | 4.49 | 0.006293 | ± 2.5 | PASS | | |
| | VN | | 40 | 0.95 | 0.001331 | ± 2.5 | PASS | | |

| | | | | | | | |
|--|--|----|----|-------|-----------|-------|------|
| | | VN | 50 | -0.96 | -0.001345 | ± 2.5 | PASS |
|--|--|----|----|-------|-----------|-------|------|

Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz | | | | | | | |
|---------------------------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| Voltage | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| QPSK | LCH | VL | TN | 1.86 | 0.002623 | ± 2.5 | PASS |
| | | VN | TN | -1.21 | -0.001707 | ± 2.5 | PASS |
| | | VH | TN | -0.83 | -0.001171 | ± 2.5 | PASS |
| | MCH | VL | TN | -1.69 | -0.002380 | ± 2.5 | PASS |
| | | VN | TN | -1.88 | -0.002648 | ± 2.5 | PASS |
| | | VH | TN | 1.99 | 0.002803 | ± 2.5 | PASS |
| | HCH | VL | TN | -1.86 | -0.002616 | ± 2.5 | PASS |
| | | VN | TN | -0.2 | -0.000281 | ± 2.5 | PASS |
| | | VH | TN | 4.46 | 0.006273 | ± 2.5 | PASS |
| 16QAM | LCH | VL | TN | 3.82 | 0.005388 | ± 2.5 | PASS |
| | | VN | TN | 3.73 | 0.005261 | ± 2.5 | PASS |
| | | VH | TN | 0.07 | 0.000099 | ± 2.5 | PASS |
| | MCH | VL | TN | 0.35 | 0.000493 | ± 2.5 | PASS |
| | | VN | TN | 2.82 | 0.003972 | ± 2.5 | PASS |
| | | VH | TN | -1.55 | -0.002183 | ± 2.5 | PASS |
| | HCH | VL | TN | 1.35 | 0.001899 | ± 2.5 | PASS |
| | | VN | TN | 2.74 | 0.003854 | ± 2.5 | PASS |
| | | VH | TN | 1.22 | 0.001716 | ± 2.5 | PASS |
| Temperature | | | | | | | |
| Modulation | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 16QAM | LCH | VN | -30 | 1.42 | 0.002003 | ± 2.5 | PASS |
| | | VN | -20 | 1.78 | 0.002511 | ± 2.5 | PASS |
| | | VN | -10 | 2.78 | 0.003921 | ± 2.5 | PASS |
| | | VN | 0 | 3.08 | 0.004344 | ± 2.5 | PASS |
| | | VN | 10 | 4.5 | 0.006347 | ± 2.5 | PASS |
| | | VN | 20 | 4.61 | 0.006502 | ± 2.5 | PASS |
| | | VN | 30 | 4.93 | 0.006953 | ± 2.5 | PASS |
| | | VN | 40 | 2.38 | 0.003357 | ± 2.5 | PASS |
| | | VN | 50 | 3.07 | 0.004330 | ± 2.5 | PASS |
| | MCH | VN | -30 | 3.87 | 0.005451 | ± 2.5 | PASS |
| | | VN | -20 | 3.78 | 0.005324 | ± 2.5 | PASS |
| | | VN | -10 | 4.6 | 0.006479 | ± 2.5 | PASS |
| | | VN | 0 | -0.92 | -0.001296 | ± 2.5 | PASS |
| | | VN | 10 | 2.54 | 0.003577 | ± 2.5 | PASS |

| | | | | | | | |
|-----|-----|------|-----|-------|-----------|-------|----------|
| | | VN | 20 | -1.35 | -0.001901 | ± 2.5 | PASS |
| | | VN | 30 | -0.29 | -0.000408 | ± 2.5 | PASS |
| | | VN | 40 | 4.54 | 0.006394 | ± 2.5 | PASS |
| | | VN | 50 | 0.24 | 0.000338 | ± 2.5 | PASS |
| | HCH | VN | -30 | 4.96 | 0.006976 | ± 2.5 | PASS |
| | | VN | -20 | 4.52 | 0.006357 | ± 2.5 | PASS |
| | | VN | -10 | 1.02 | 0.001435 | ± 2.5 | PASS |
| | | VN | 0 | -0.96 | -0.001350 | ± 2.5 | PASS |
| | | VN | 10 | 4.86 | 0.006835 | ± 2.5 | PASS |
| | | VN | 20 | 4.15 | 0.005837 | ± 2.5 | PASS |
| | | VN | 30 | -0.71 | -0.000999 | ± 2.5 | PASS |
| | | VN | 40 | 0.48 | 0.000675 | ± 2.5 | PASS |
| | | VN | 50 | 1.56 | 0.002194 | ± 2.5 | PASS |
| | | QPSK | LCH | VN | -30 | 3.81 | 0.005374 |
| VN | -20 | | | 1.02 | 0.001439 | ± 2.5 | PASS |
| VN | -10 | | | -0.83 | -0.001171 | ± 2.5 | PASS |
| VN | 0 | | | 0.66 | 0.000931 | ± 2.5 | PASS |
| VN | 10 | | | 2.32 | 0.003272 | ± 2.5 | PASS |
| VN | 20 | | | 3.65 | 0.005148 | ± 2.5 | PASS |
| VN | 30 | | | -1.33 | -0.001876 | ± 2.5 | PASS |
| VN | 40 | | | -0.81 | -0.001142 | ± 2.5 | PASS |
| VN | 50 | | | -0.03 | -0.000042 | ± 2.5 | PASS |
| MCH | VN | | -30 | -0.06 | -0.000085 | ± 2.5 | PASS |
| | VN | | -20 | 0.93 | 0.001310 | ± 2.5 | PASS |
| | VN | | -10 | 2.25 | 0.003169 | ± 2.5 | PASS |
| | VN | | 0 | 4.95 | 0.006972 | ± 2.5 | PASS |
| | VN | | 10 | 3.79 | 0.005338 | ± 2.5 | PASS |
| | VN | | 20 | -0.6 | -0.000845 | ± 2.5 | PASS |
| | VN | | 30 | 2.26 | 0.003183 | ± 2.5 | PASS |
| | VN | | 40 | 4.19 | 0.005901 | ± 2.5 | PASS |
| | VN | | 50 | 4.79 | 0.006746 | ± 2.5 | PASS |
| HCH | VN | | -30 | -1.44 | -0.002025 | ± 2.5 | PASS |
| | VN | | -20 | -1.41 | -0.001983 | ± 2.5 | PASS |
| | VN | | -10 | 3.3 | 0.004641 | ± 2.5 | PASS |
| | VN | | 0 | 4.17 | 0.005865 | ± 2.5 | PASS |
| | VN | | 10 | 1.51 | 0.002124 | ± 2.5 | PASS |
| | VN | | 20 | 4.35 | 0.006118 | ± 2.5 | PASS |
| | VN | | 30 | 0.74 | 0.001041 | ± 2.5 | PASS |
| | VN | | 40 | 1.08 | 0.001519 | ± 2.5 | PASS |
| | VN | | 50 | -0.69 | -0.000970 | ± 2.5 | PASS |