

FCC LTE Band Test Data

FCC ID : 2A8ZB-G232

Company: : Shenzhen Weiwo Intelligent Electronics Co., Ltd

EUT : 4G smartwatch

Model Number : G232

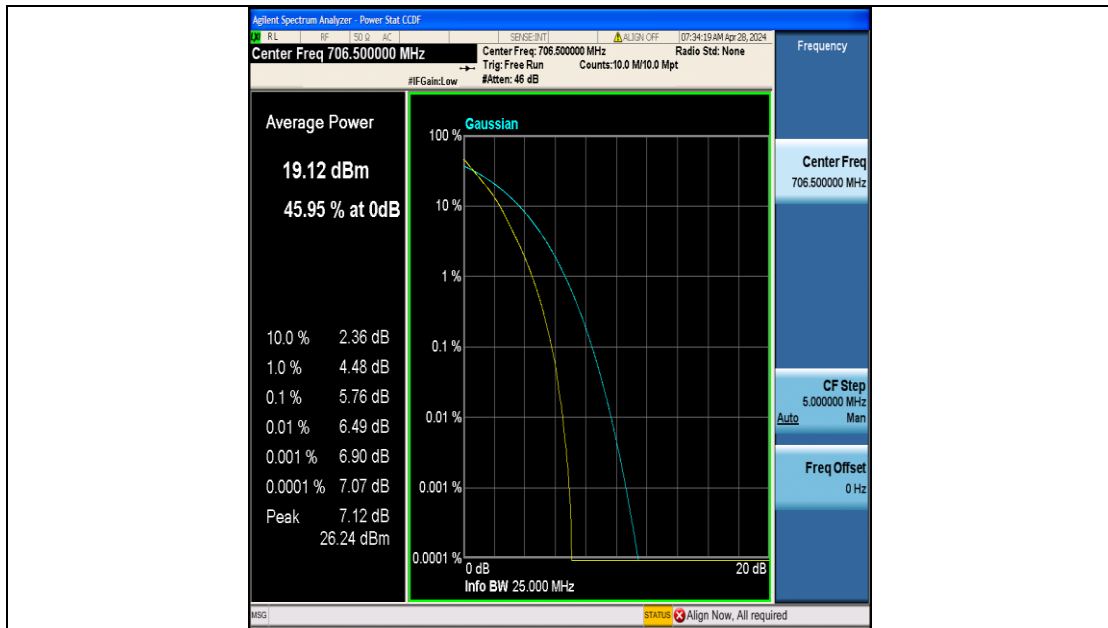
Reviewed By : Eric Wang

Appendix B: Peak-to-Average Ratio(CCDF)

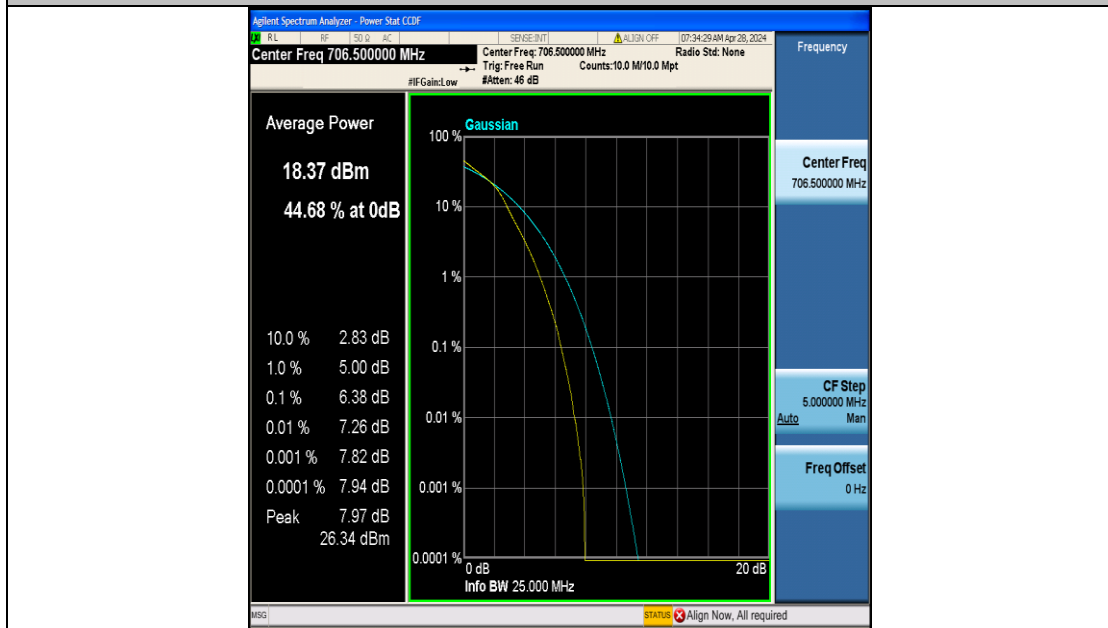
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 5.76 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 6.38 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 5.71 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 6.35 | 13 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 5.44 | 13 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 6.14 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 5.86 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 6.47 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 5.73 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 6.43 | 13 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 5.65 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 6.33 | 13 | PASS |

Test Graphs



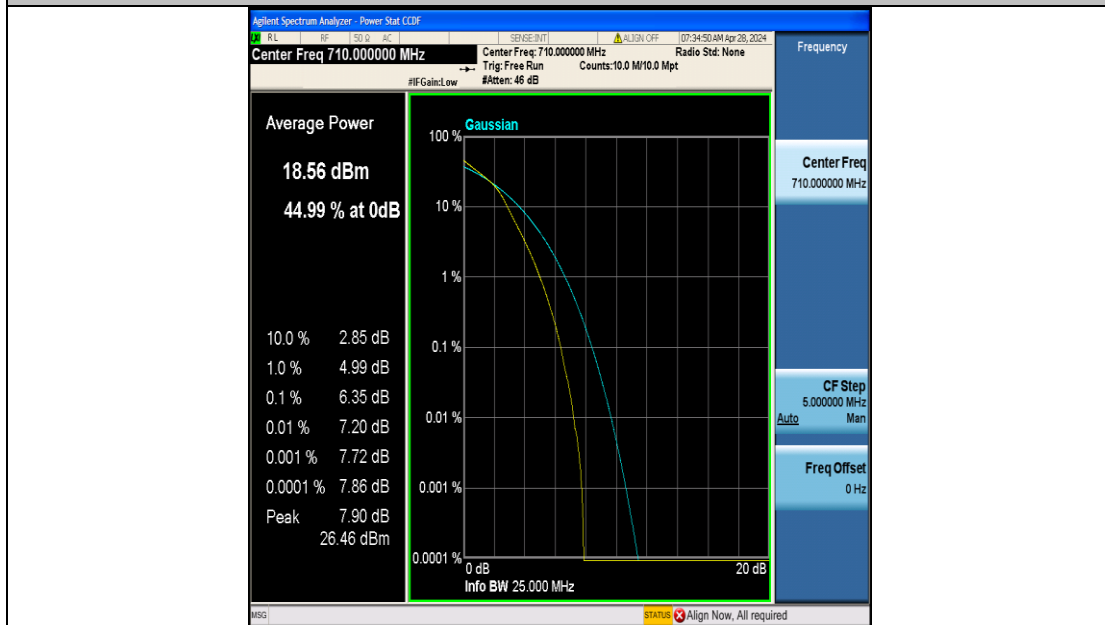
Band17-5MHz-QPSK-23755-25RB#0-PASS



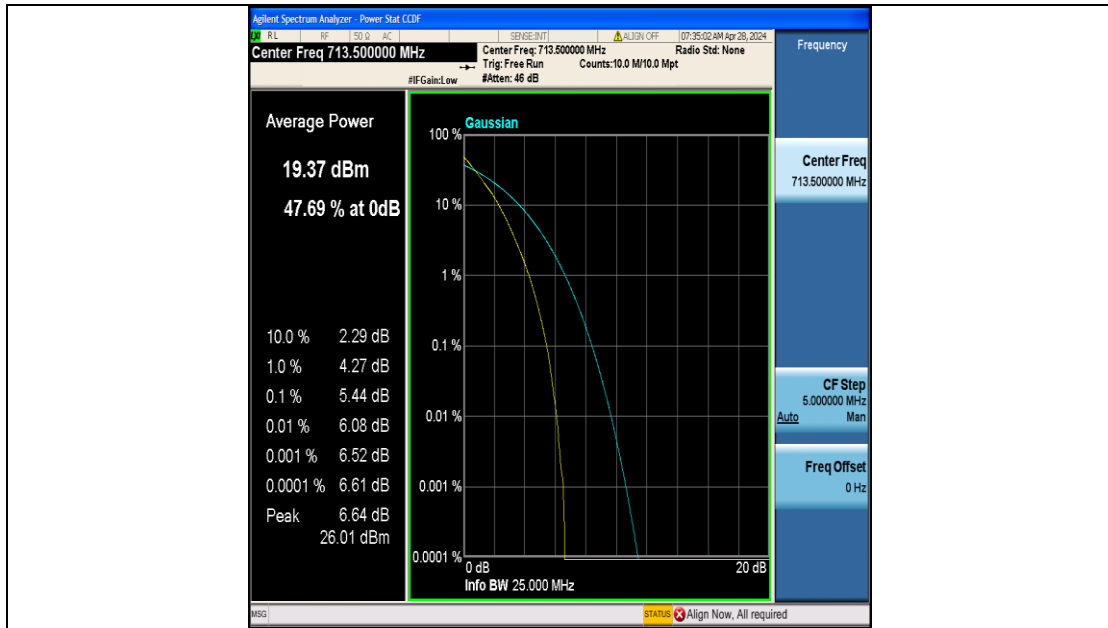
Band17-5MHz-16QAM-23755-25RB#0-PASS



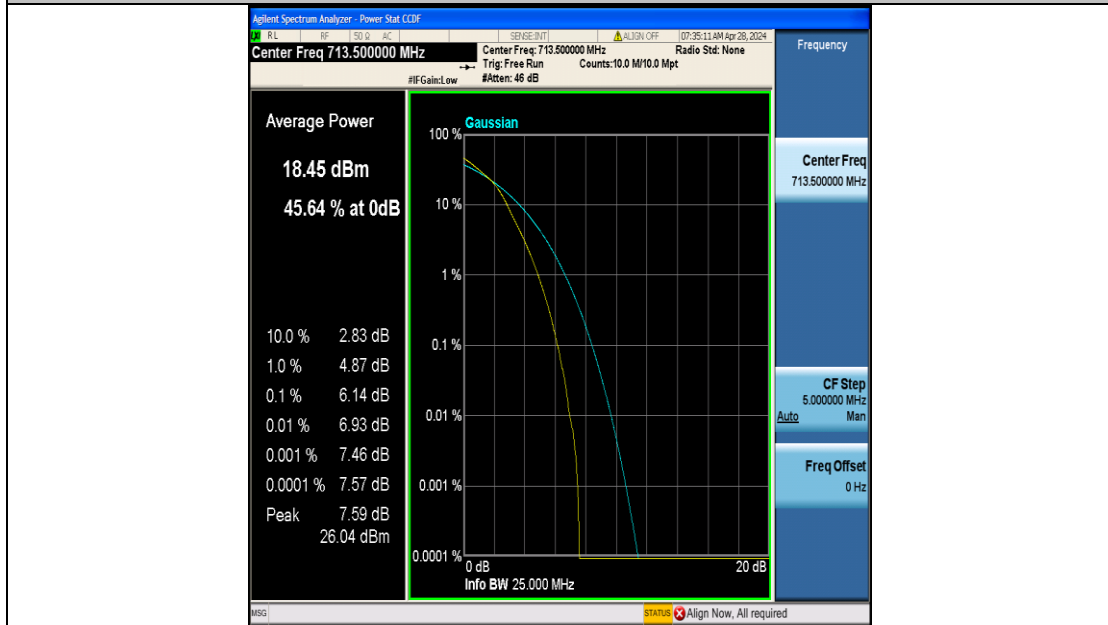
Band17-5MHz-QPSK-23790-25RB#0-PASS



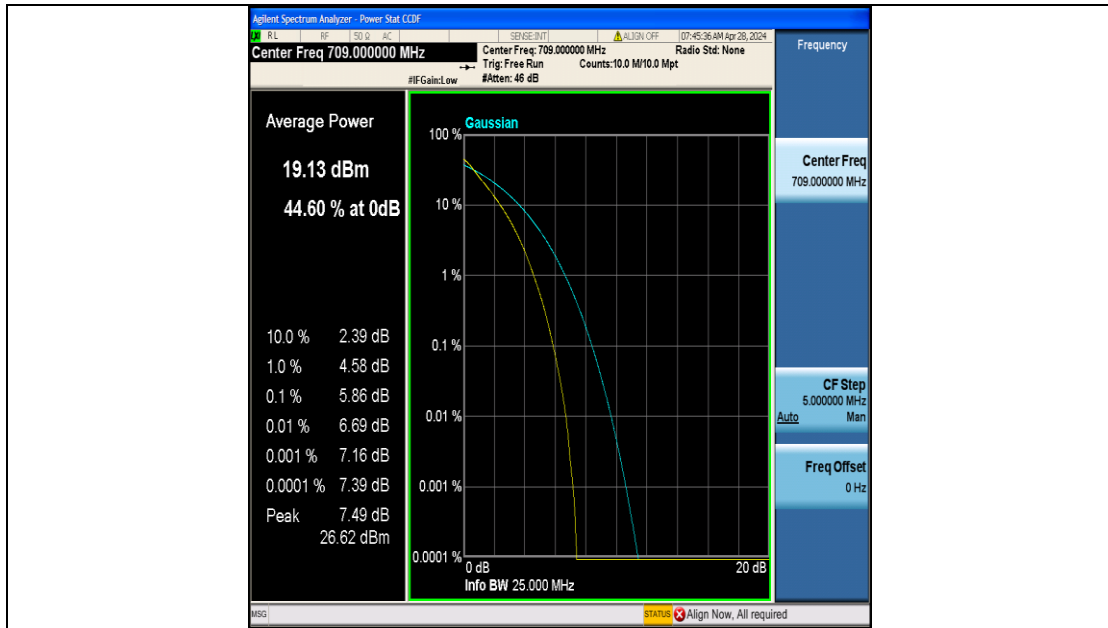
Band17-5MHz-16QAM-23790-25RB#0-PASS



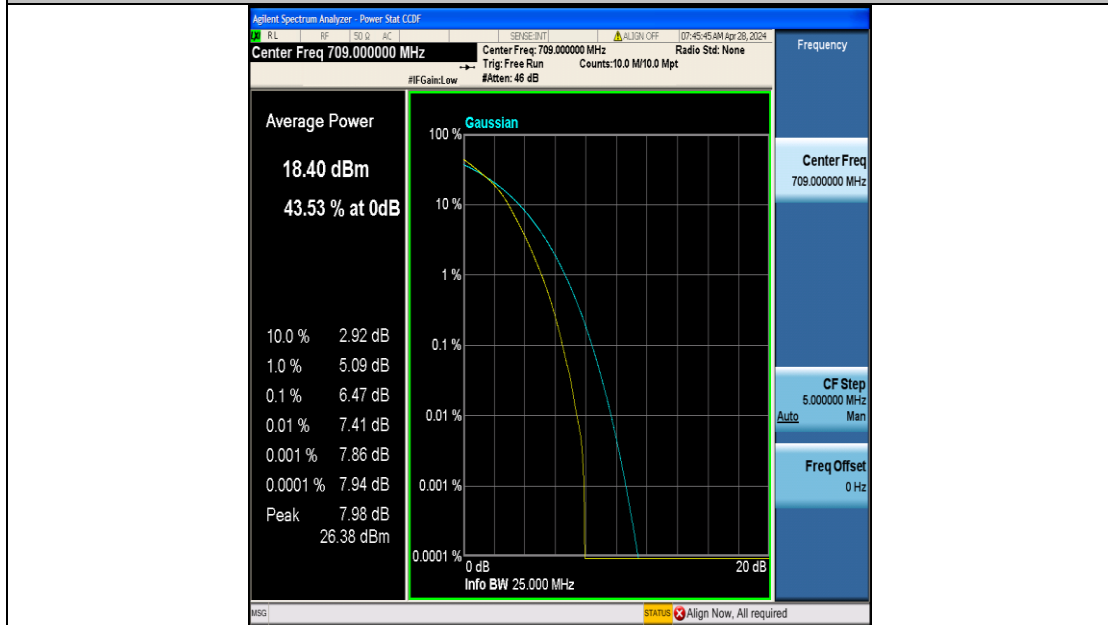
Band17-5MHz-QPSK-23825-25RB#0-PASS



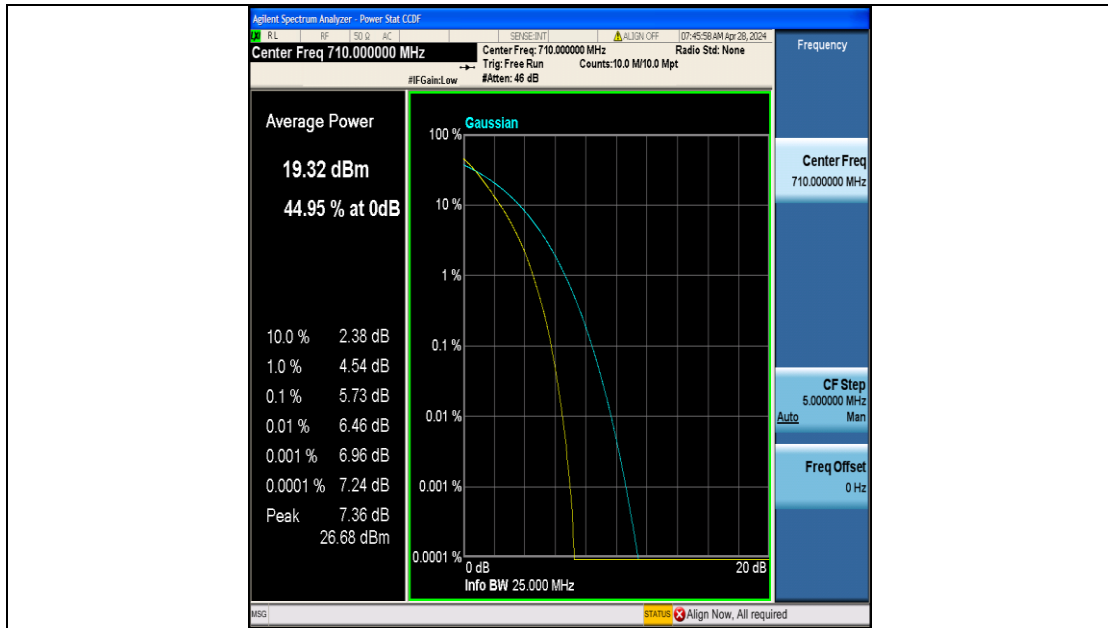
Band17-5MHz-16QAM-23825-25RB#0-PASS



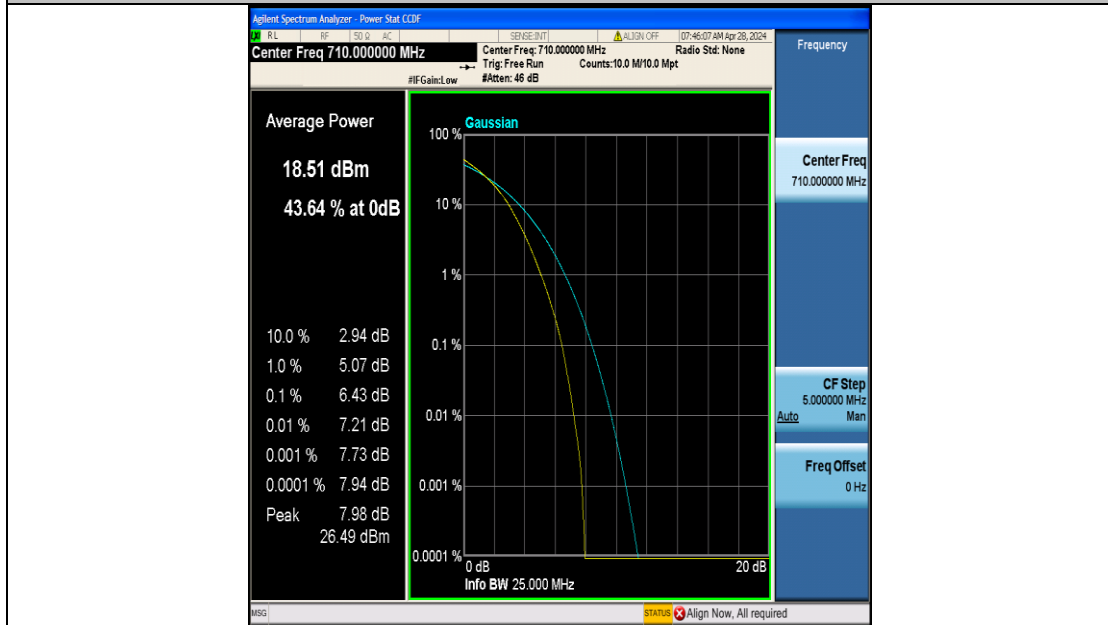
Band17-10MHz-QPSK-23780-50RB#0-PASS



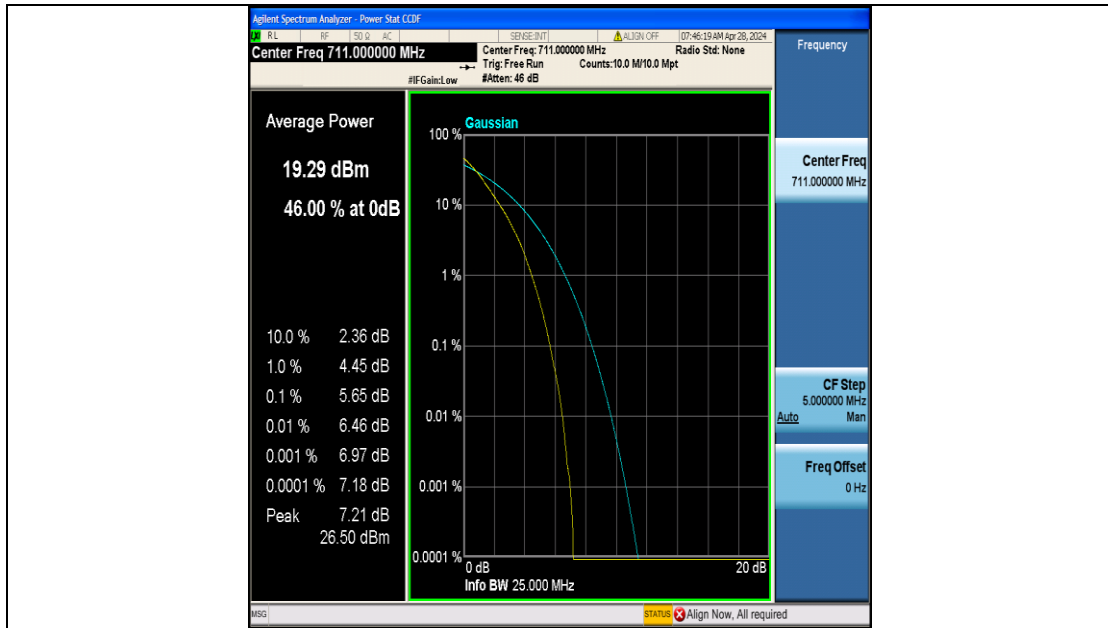
Band17-10MHz-16QAM-23780-50RB#0-PASS



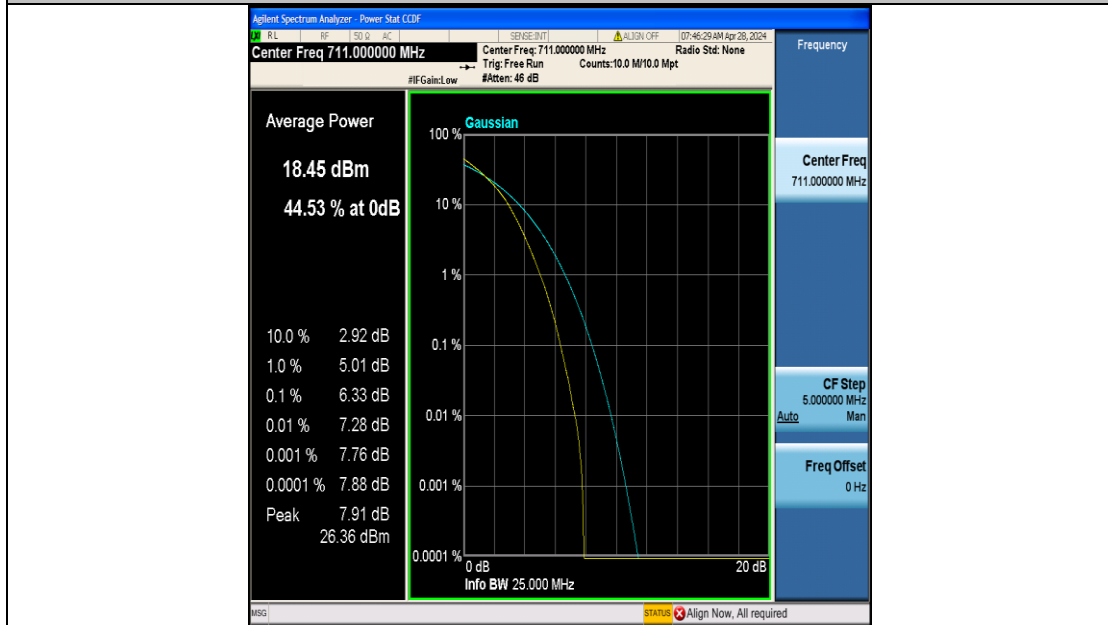
Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



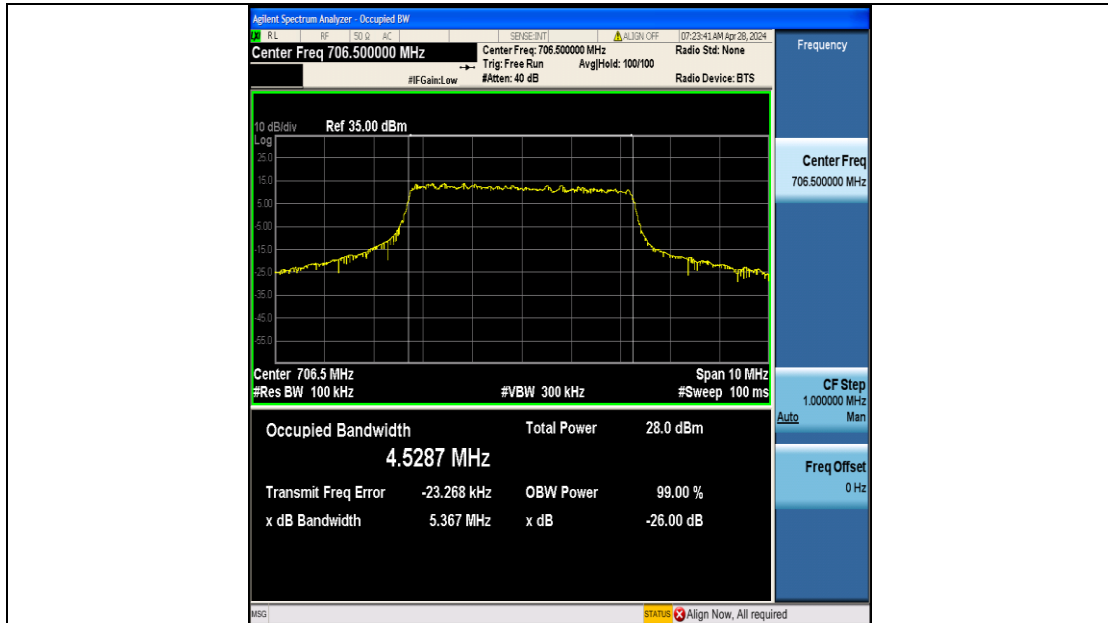
Band17-10MHz-16QAM-23800-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

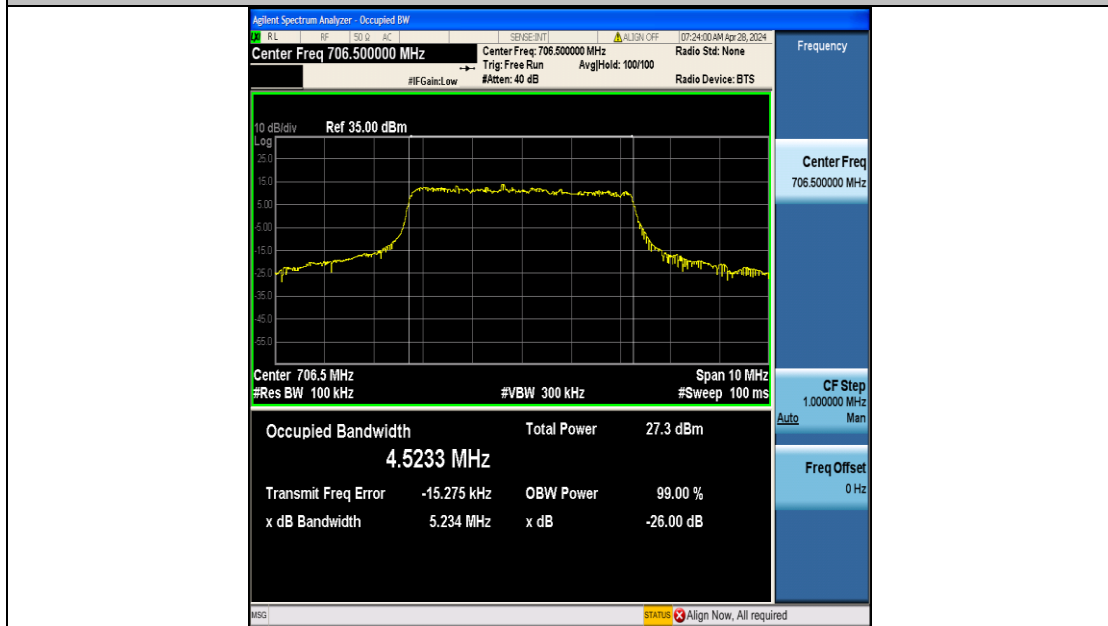
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 4.5287 | 5.367 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 4.5233 | 5.234 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 4.5347 | 5.363 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 4.5356 | 5.291 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 4.5108 | 5.235 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 4.5064 | 5.212 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 9.0337 | 10.06 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 9.0341 | 10.16 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 9.0324 | 10.19 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 9.0392 | 10.58 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 8.9866 | 10.00 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 8.9786 | 10.06 | PASS |

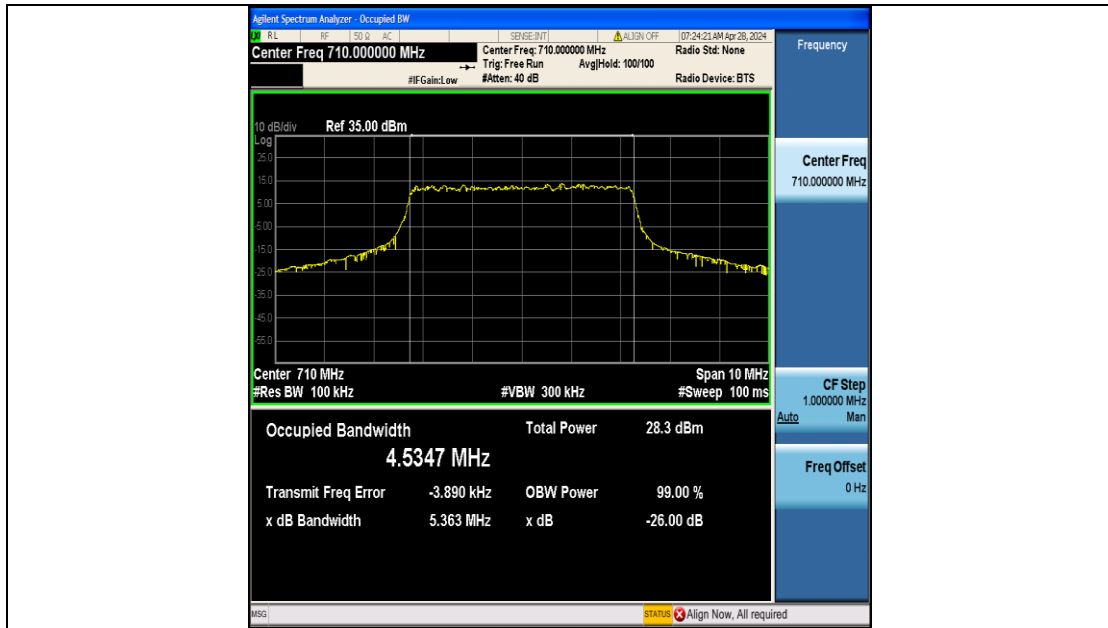
Test Graphs



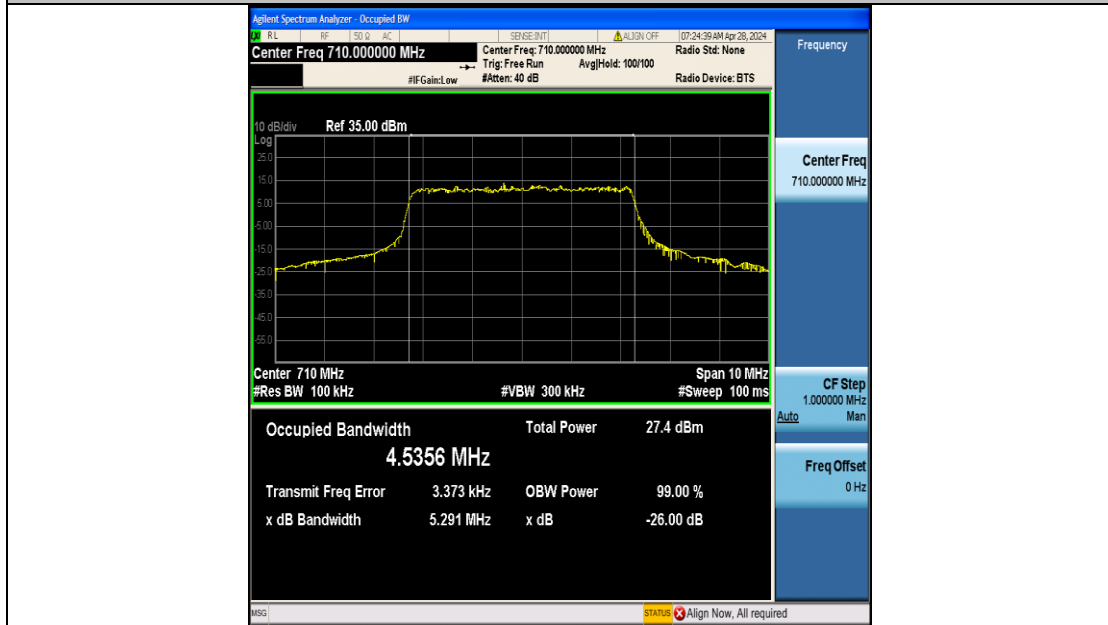
Band17-5MHz-QPSK-23755-25RB#0-PASS



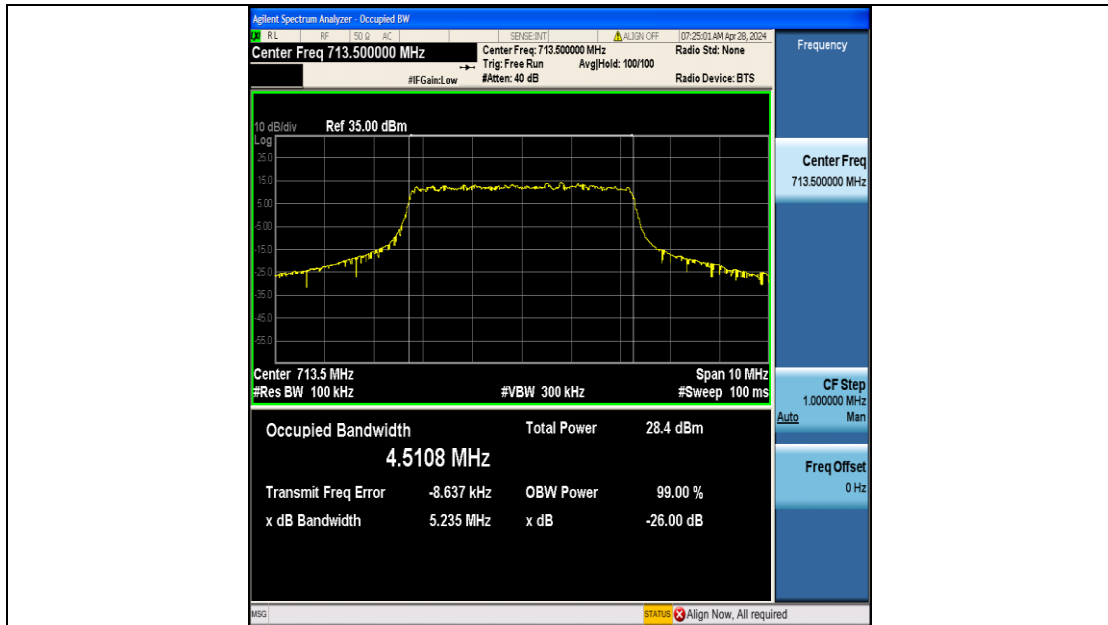
Band17-5MHz-16QAM-23755-25RB#0-PASS



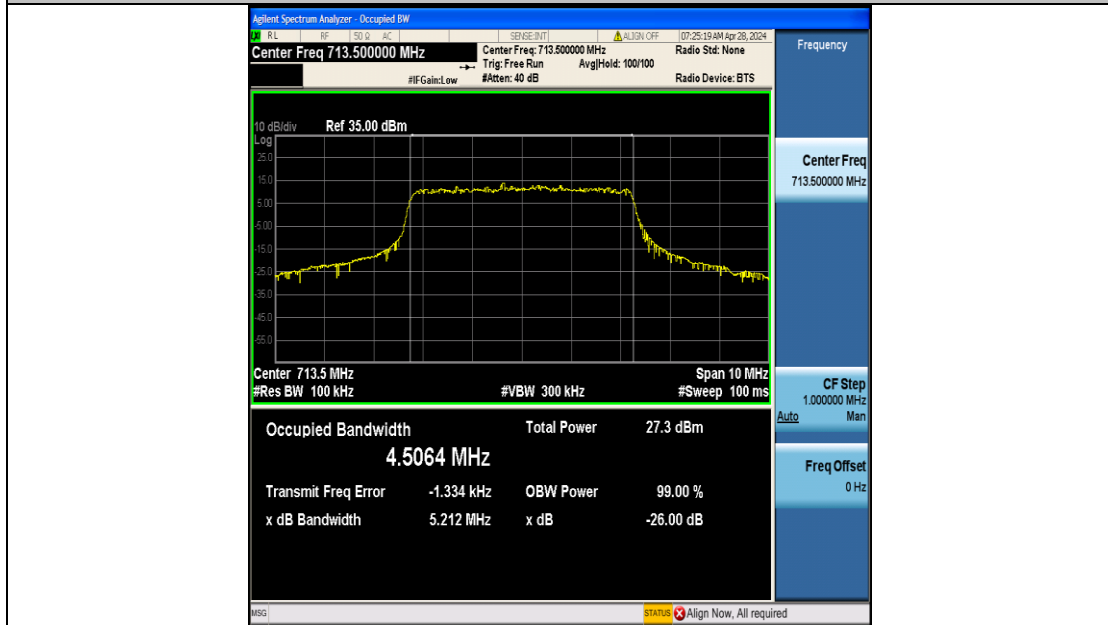
Band17-5MHz-QPSK-23790-25RB#0-PASS



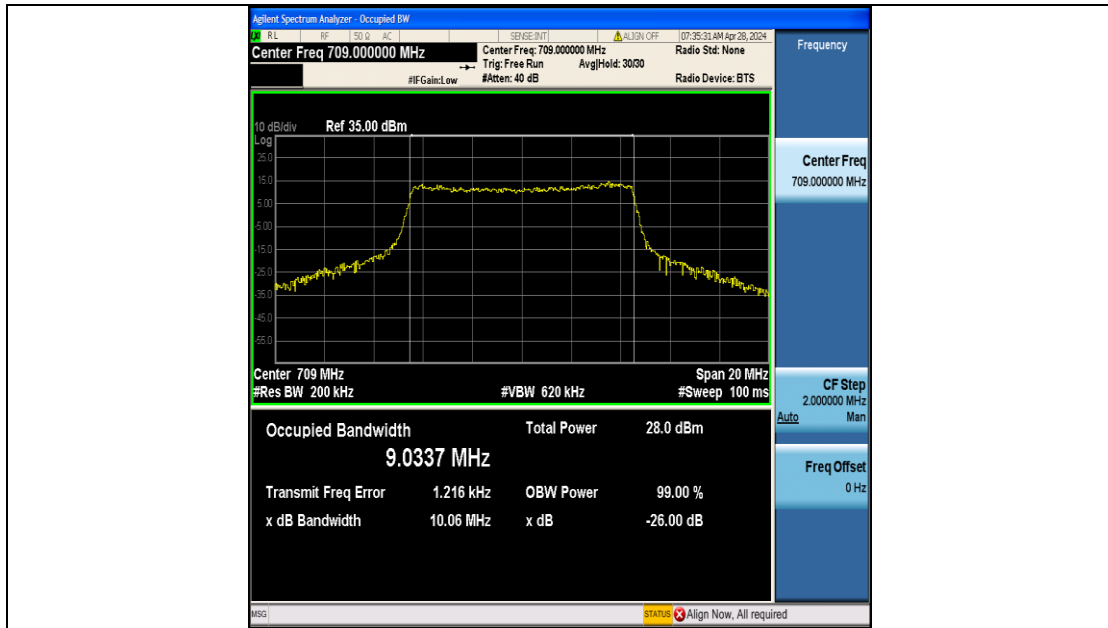
Band17-5MHz-16QAM-23790-25RB#0-PASS



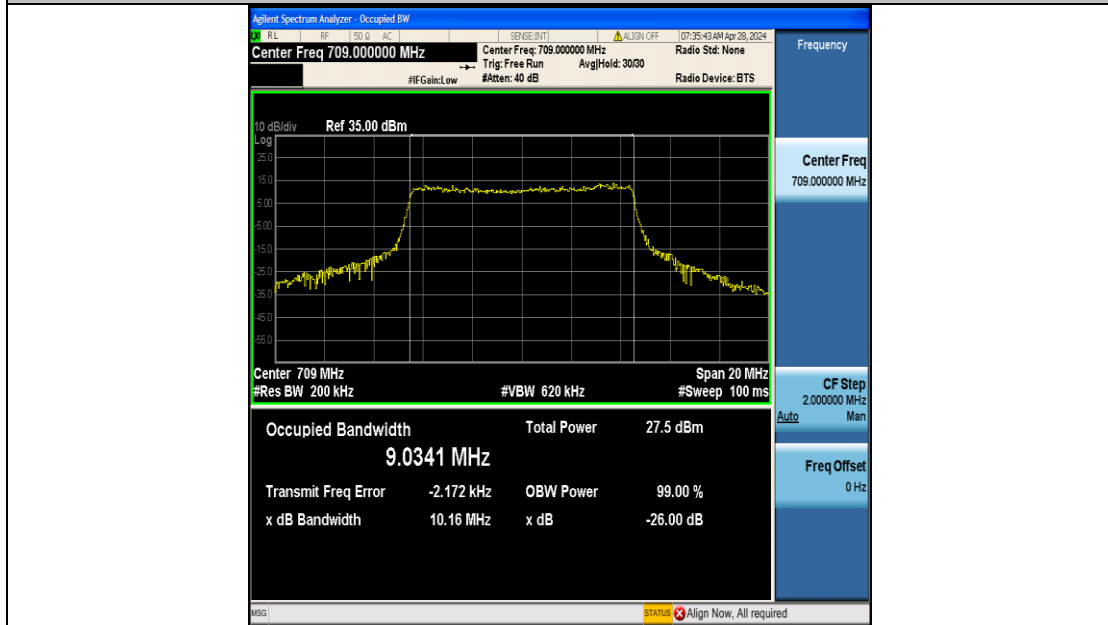
Band17-5MHz-QPSK-23825-25RB#0-PASS



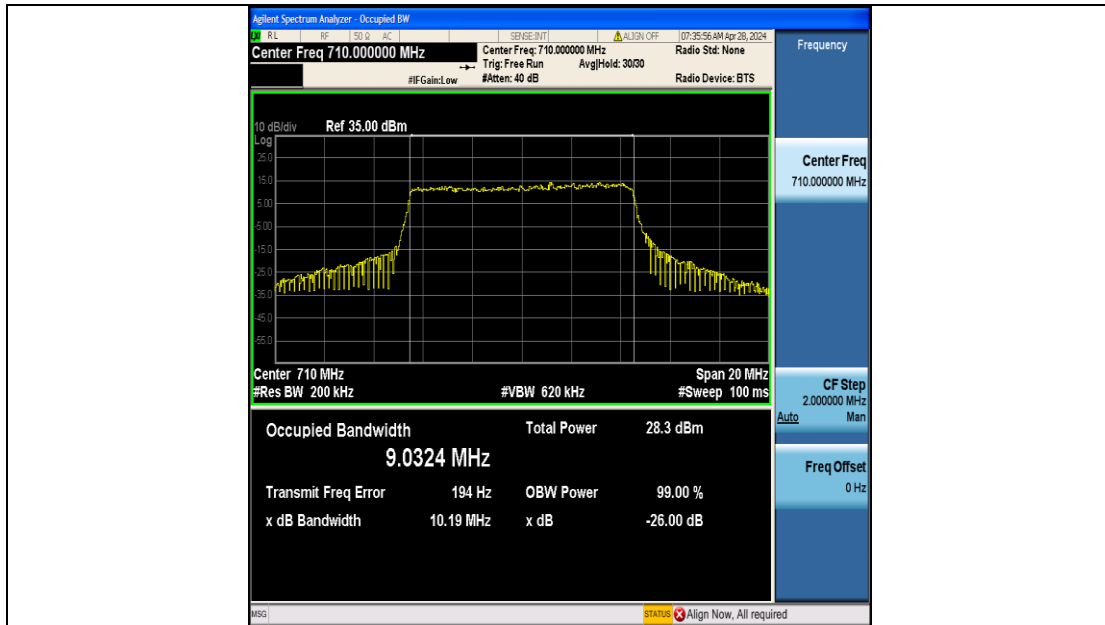
Band17-5MHz-16QAM-23825-25RB#0-PASS



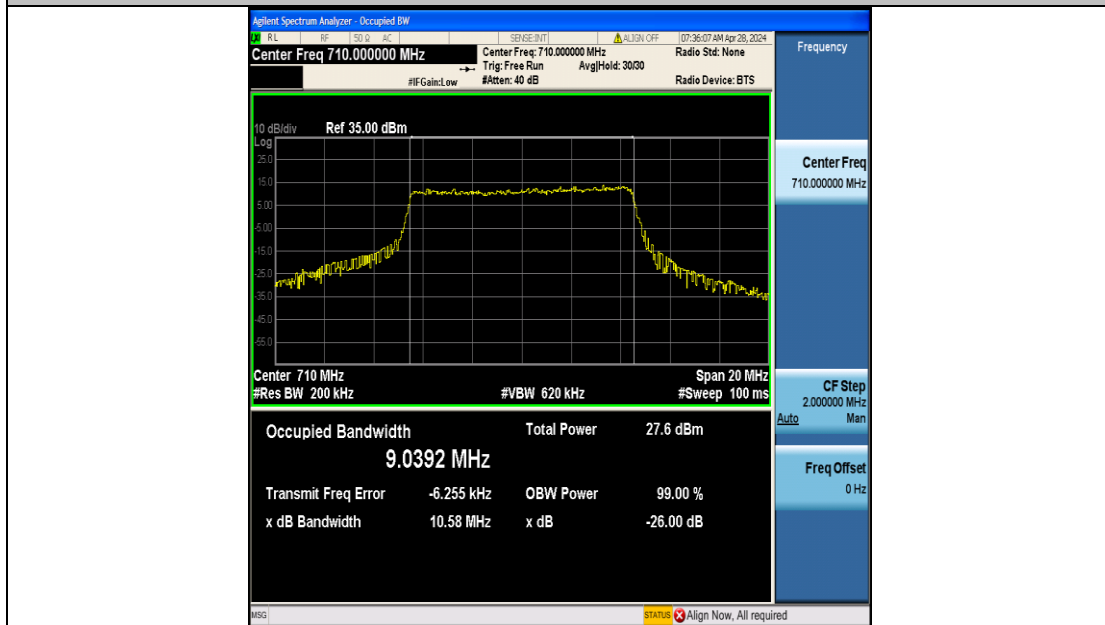
Band17-10MHz-QPSK-23780-50RB#0-PASS



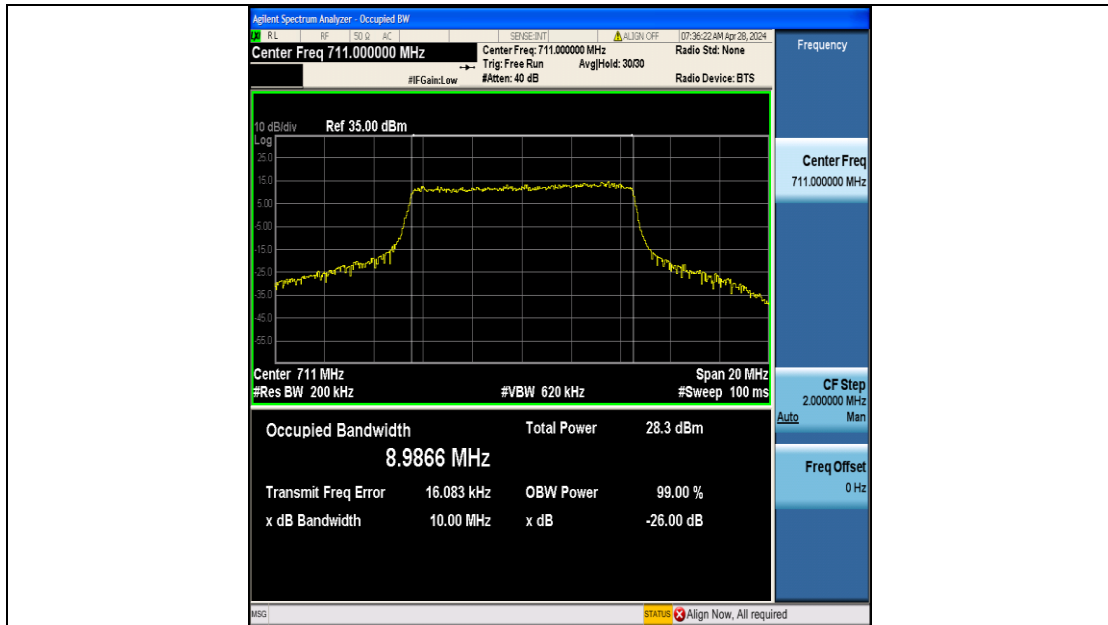
Band17-10MHz-16QAM-23780-50RB#0-PASS



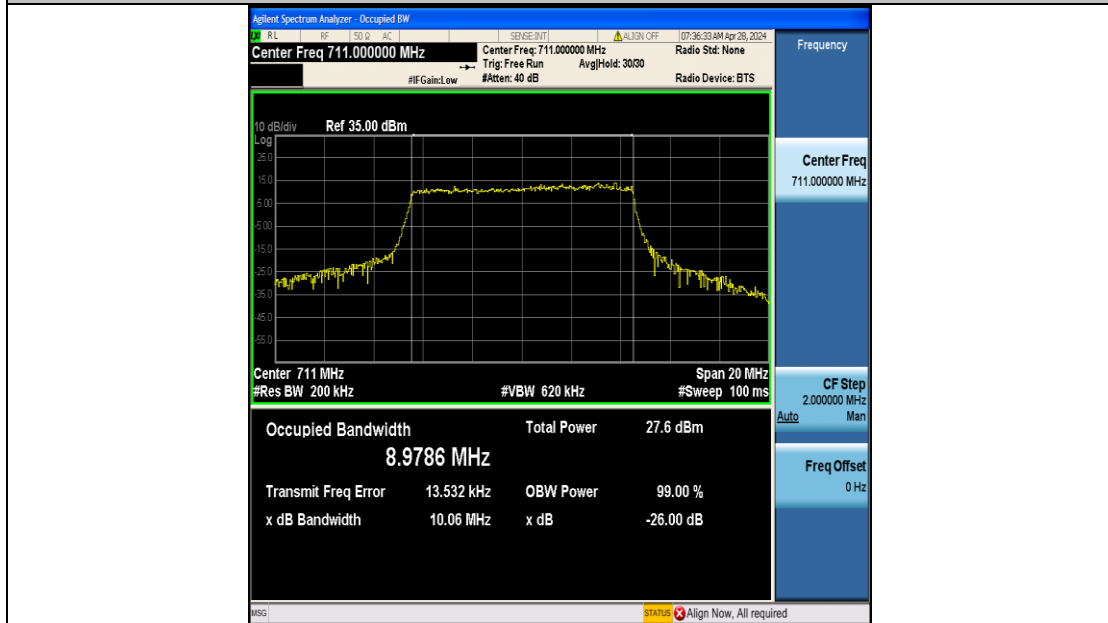
Band17-10MHz-QPSK-23790-50RB#0-PASS



Band17-10MHz-16QAM-23790-50RB#0-PASS



Band17-10MHz-QPSK-23800-50RB#0-PASS



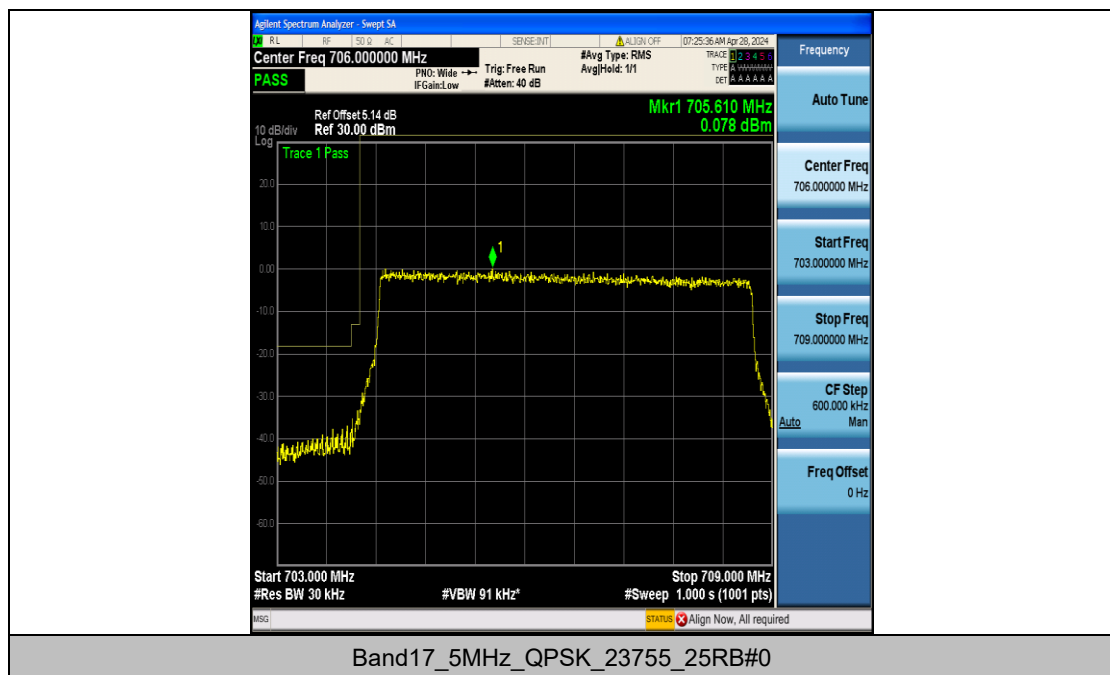
Band17-10MHz-16QAM-23800-50RB#0-PASS

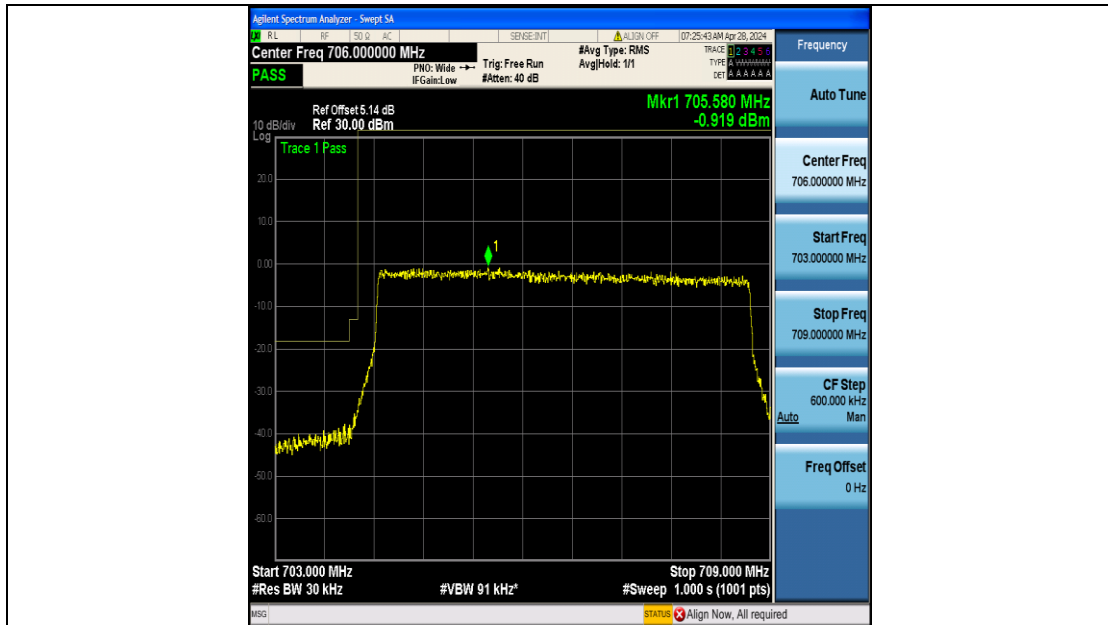
Appendix D: Band Edge

Test Result

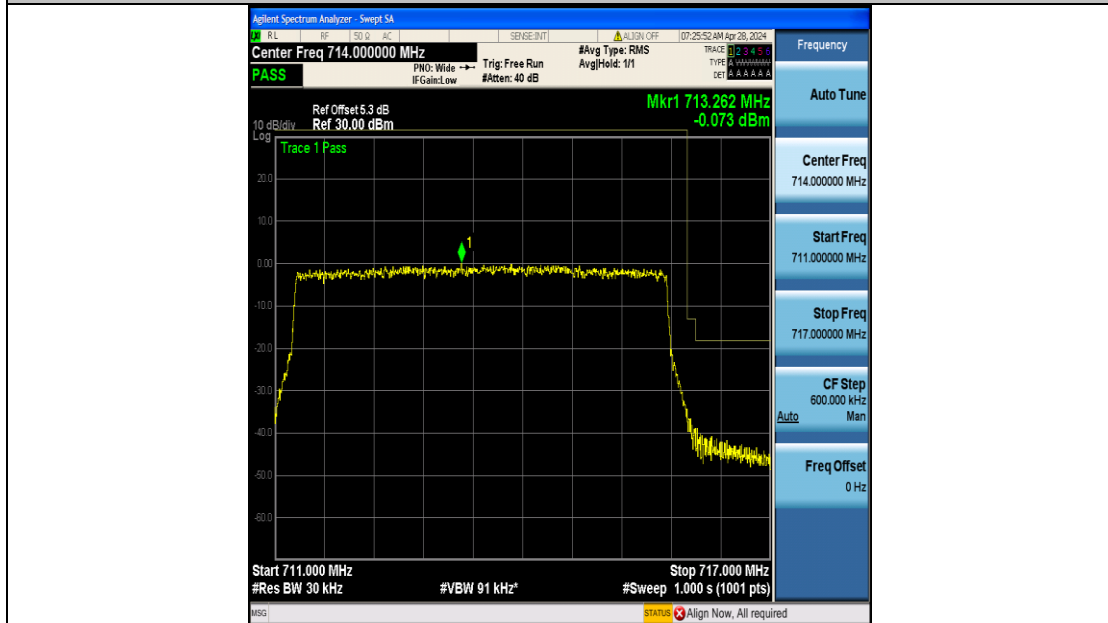
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | -36.94 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | -37.78 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | -38.93 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | -39.71 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | -42.72 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | -43.82 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | -46.03 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | -44.79 | PASS |

Test Graphs

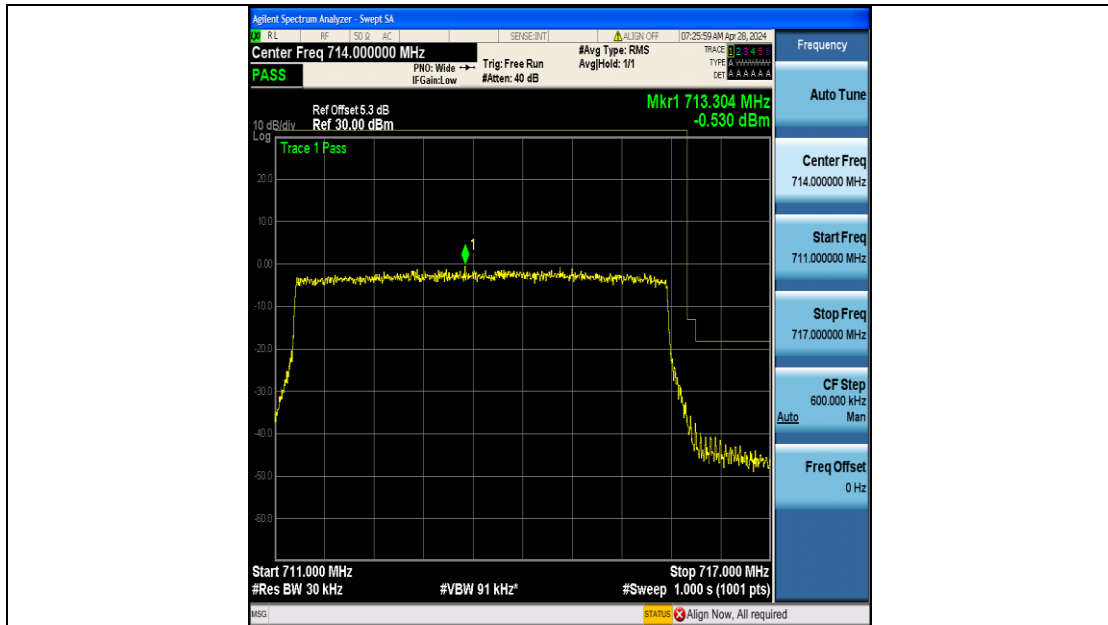




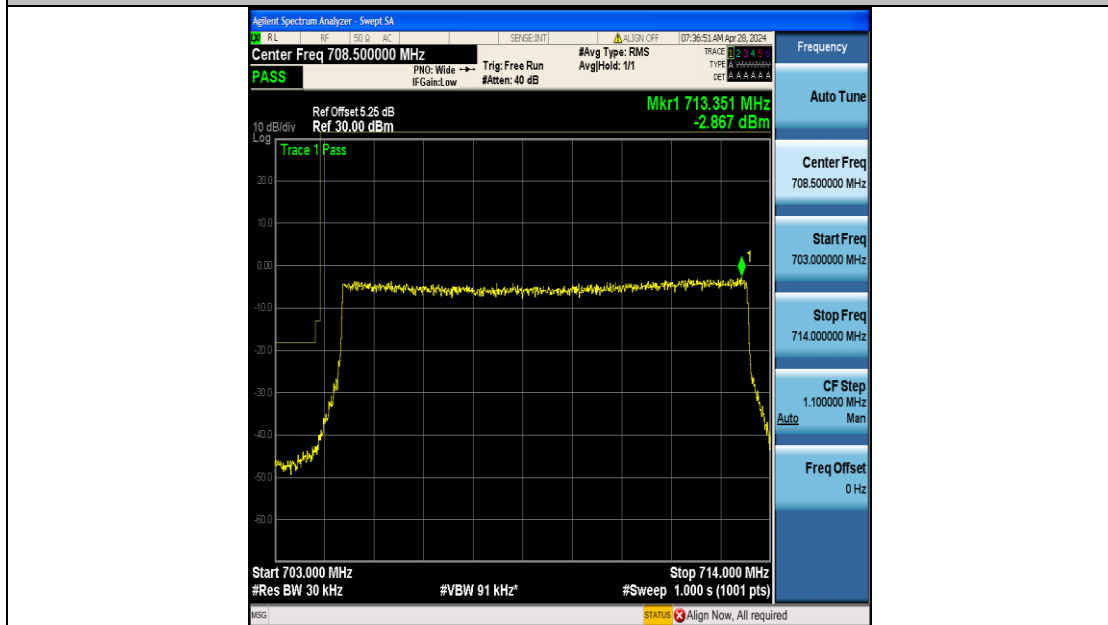
Band17_5MHz_16QAM_23755_25RB#0



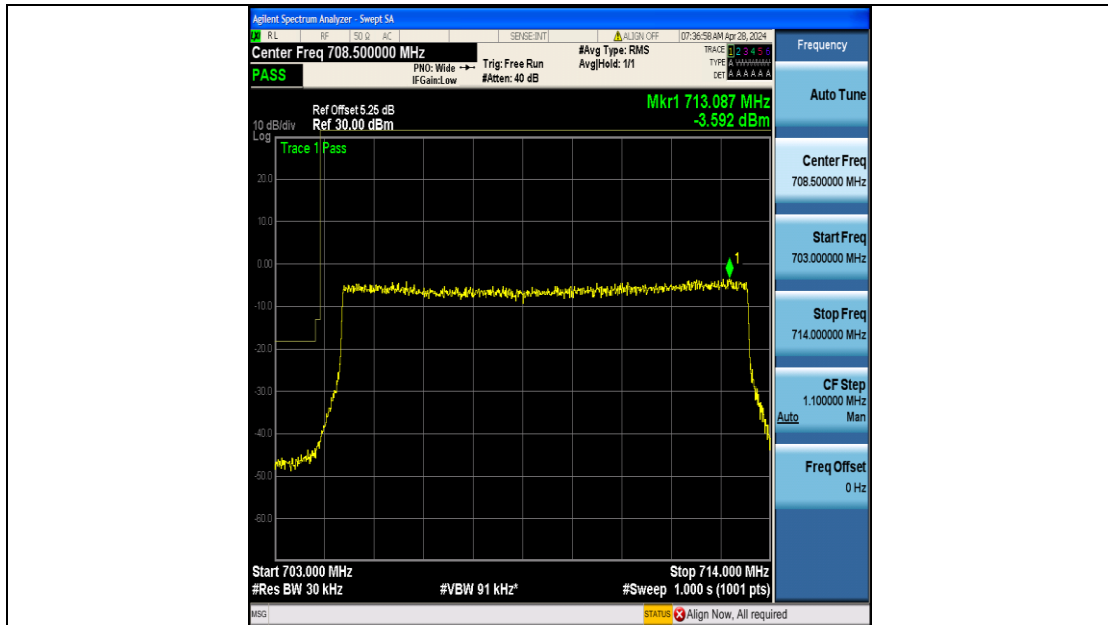
Band17_5MHz_QPSK_23825_25RB#0



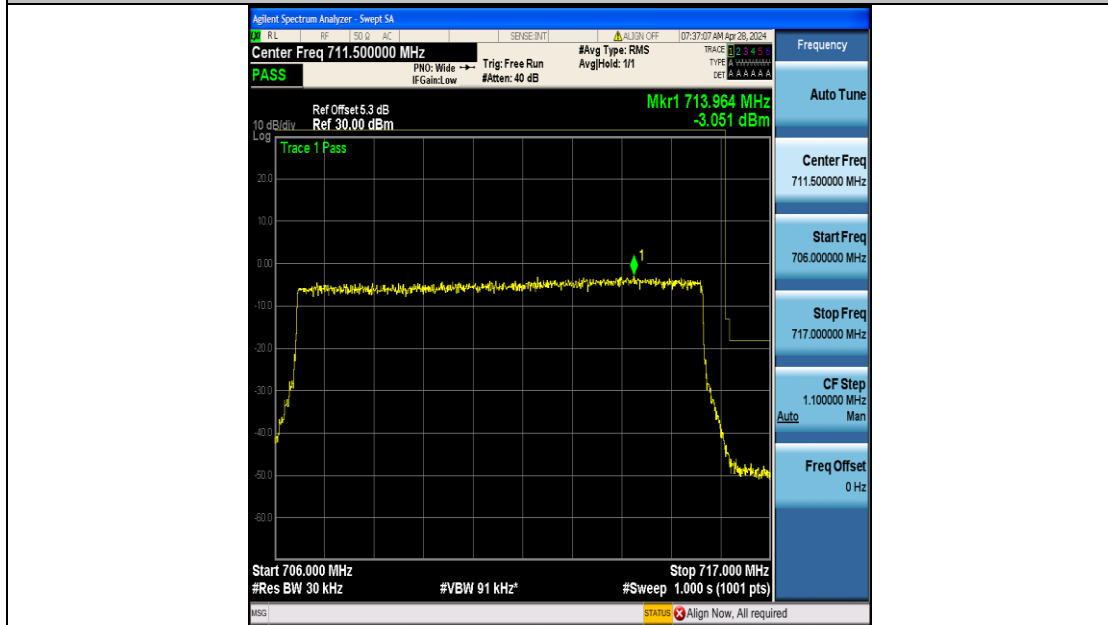
Band17_5MHz_16QAM_23825_25RB#0



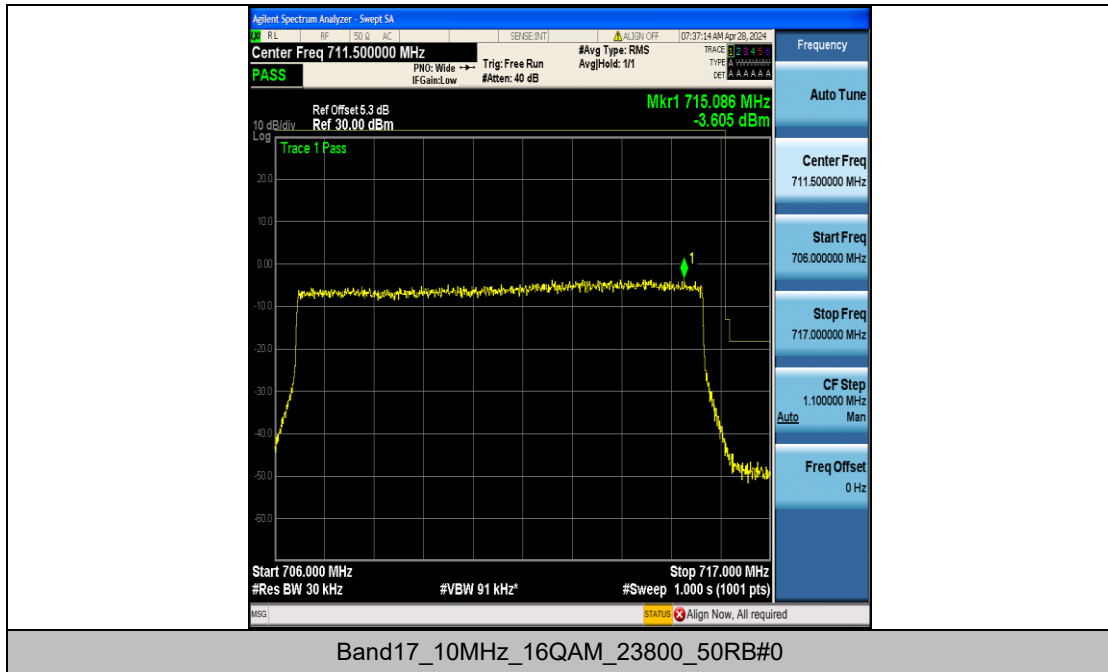
Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_QPSK_23800_50RB#0



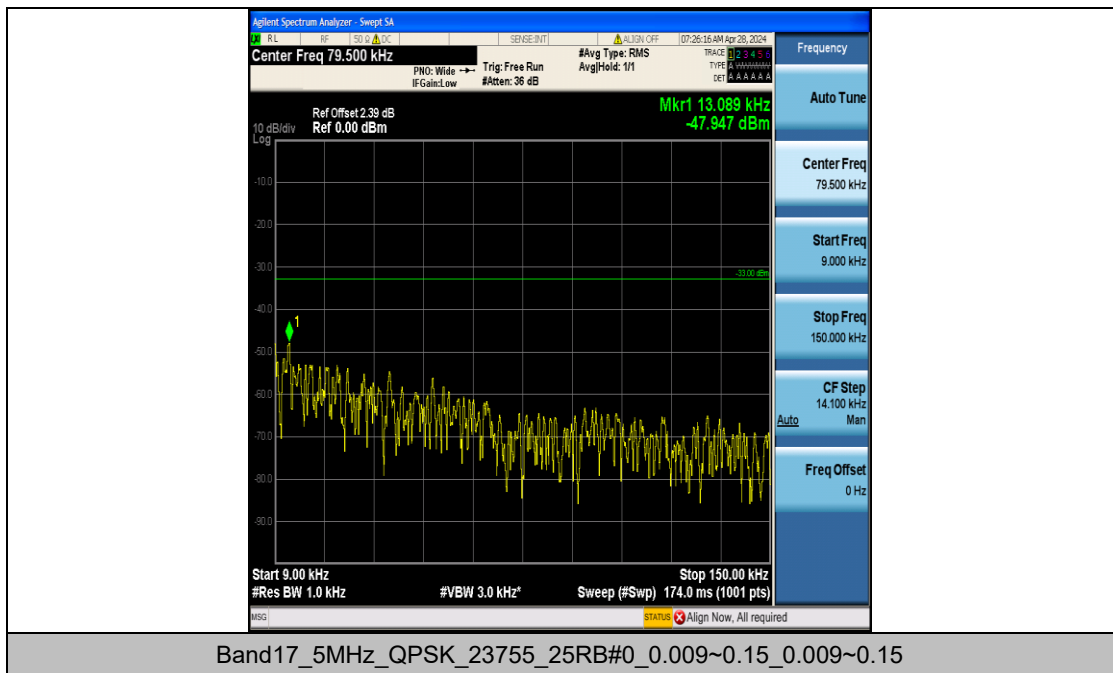
Appendix E: Conducted Spurious Emission

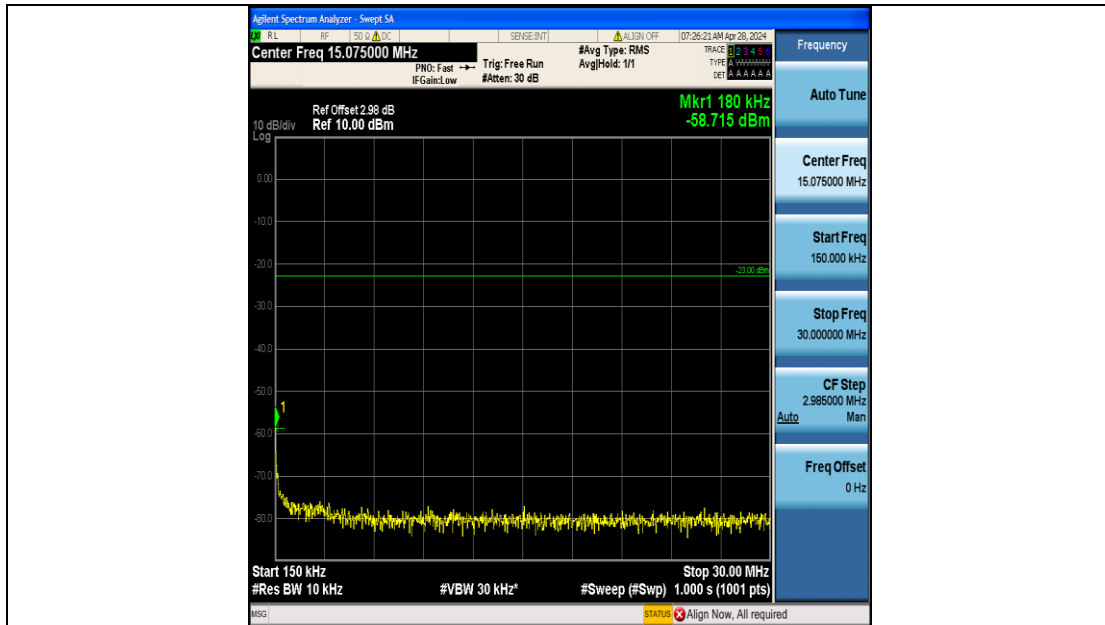
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 0.009~0.15 | -47.95 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 0.15~30 | -58.72 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 30~1000 | -53.14 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 1000~3000 | -52.57 | PASS |
| Band17 | 5MHz | QPSK | 23755 | 25RB#0 | 3000~10000 | -50.00 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 0.009~0.15 | -45.97 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 0.15~30 | -56.92 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 30~1000 | -54.01 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 1000~3000 | -52.14 | PASS |
| Band17 | 5MHz | 16QAM | 23755 | 25RB#0 | 3000~10000 | -49.95 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 0.009~0.15 | -50.07 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 0.15~30 | -56.55 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 30~1000 | -54.89 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 1000~3000 | -52.64 | PASS |
| Band17 | 5MHz | QPSK | 23790 | 25RB#0 | 3000~10000 | -49.79 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 0.009~0.15 | -46.98 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 0.15~30 | -58.09 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 30~1000 | -55.25 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 1000~3000 | -52.31 | PASS |
| Band17 | 5MHz | 16QAM | 23790 | 25RB#0 | 3000~10000 | -50.04 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 0.009~0.15 | -46.19 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 0.15~30 | -58.12 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 30~1000 | -52.16 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 1000~3000 | -51.73 | PASS |
| Band17 | 5MHz | QPSK | 23825 | 25RB#0 | 3000~10000 | -49.60 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 0.009~0.15 | -45.72 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 0.15~30 | -58.53 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 30~1000 | -54.26 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 1000~3000 | -52.40 | PASS |
| Band17 | 5MHz | 16QAM | 23825 | 25RB#0 | 3000~10000 | -49.86 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 0.009~0.15 | -43.62 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 0.15~30 | -57.15 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 30~1000 | -64.10 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 1000~3000 | -52.39 | PASS |
| Band17 | 10MHz | QPSK | 23780 | 50RB#0 | 3000~10000 | -49.64 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.009~0.15 | -45.66 | PASS |

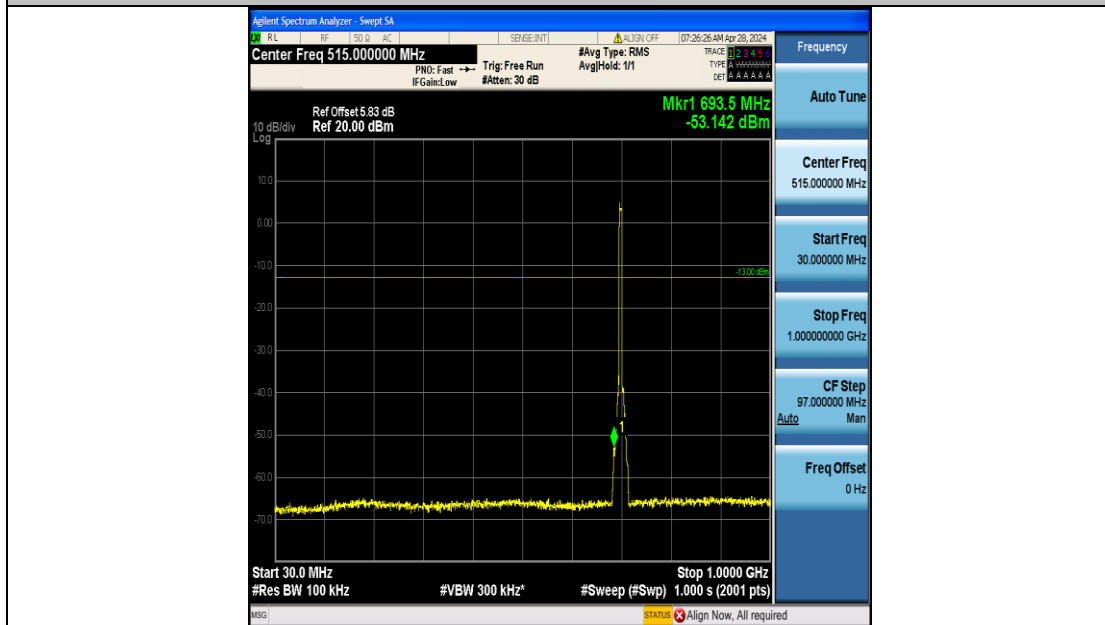
| | | | | | | | |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 0.15~30 | -58.05 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 30~1000 | -64.34 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 1000~3000 | -52.59 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 3000~10000 | -49.81 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 0.009~0.15 | -45.51 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 0.15~30 | -59.52 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 30~1000 | -64.38 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 1000~3000 | -52.53 | PASS |
| Band17 | 10MHz | QPSK | 23790 | 50RB#0 | 3000~10000 | -49.34 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.009~0.15 | -46.41 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 0.15~30 | -59.49 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 30~1000 | -63.81 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 1000~3000 | -52.48 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 3000~10000 | -50.12 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 0.009~0.15 | -43.16 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 0.15~30 | -57.62 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 30~1000 | -64.40 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 1000~3000 | -52.39 | PASS |
| Band17 | 10MHz | QPSK | 23800 | 50RB#0 | 3000~10000 | -50.02 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.009~0.15 | -47.32 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 0.15~30 | -58.30 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 30~1000 | -64.01 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 1000~3000 | -52.28 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 3000~10000 | -49.95 | PASS |

Test Graphs

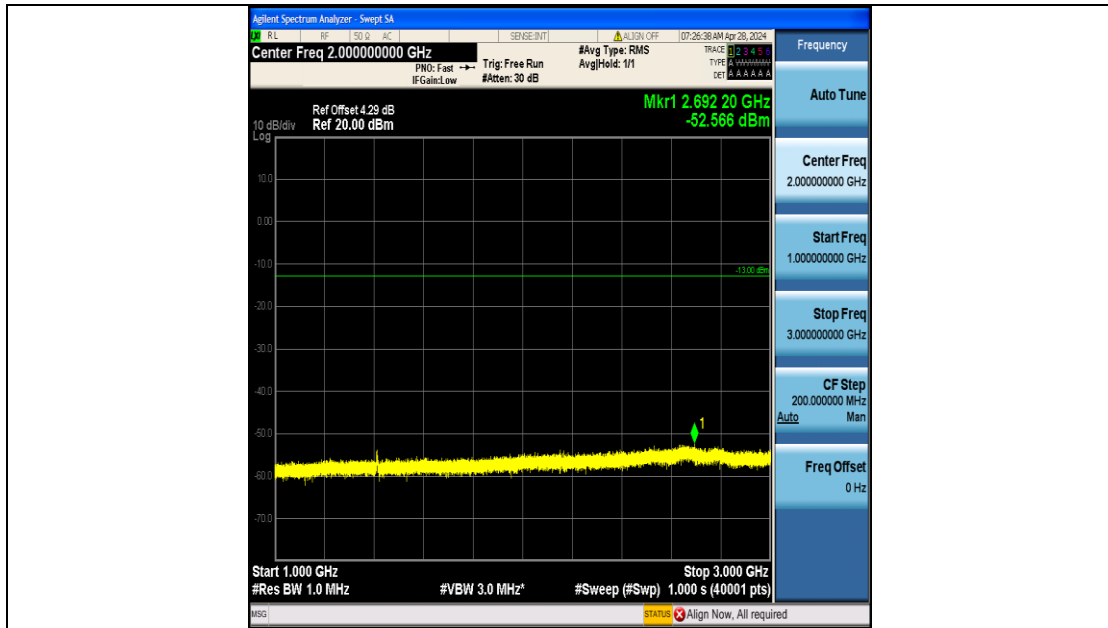




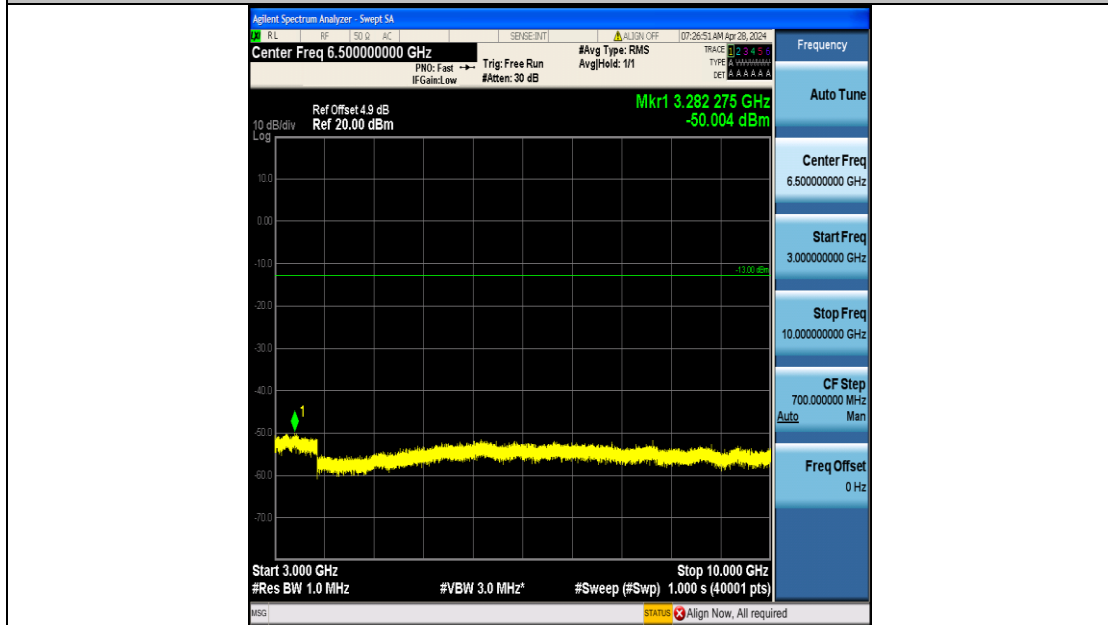
Band17_5MHz_QPSK_23755_25RB#0_0.15~30_0.15~30



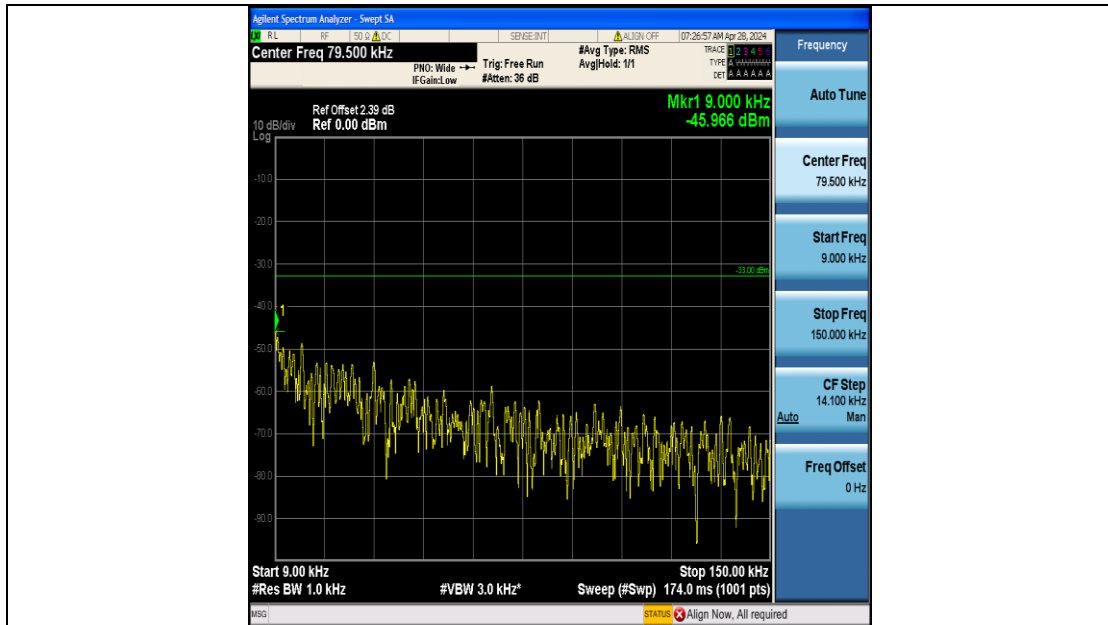
Band17_5MHz_QPSK_23755_25RB#0_30~1000_30~1000



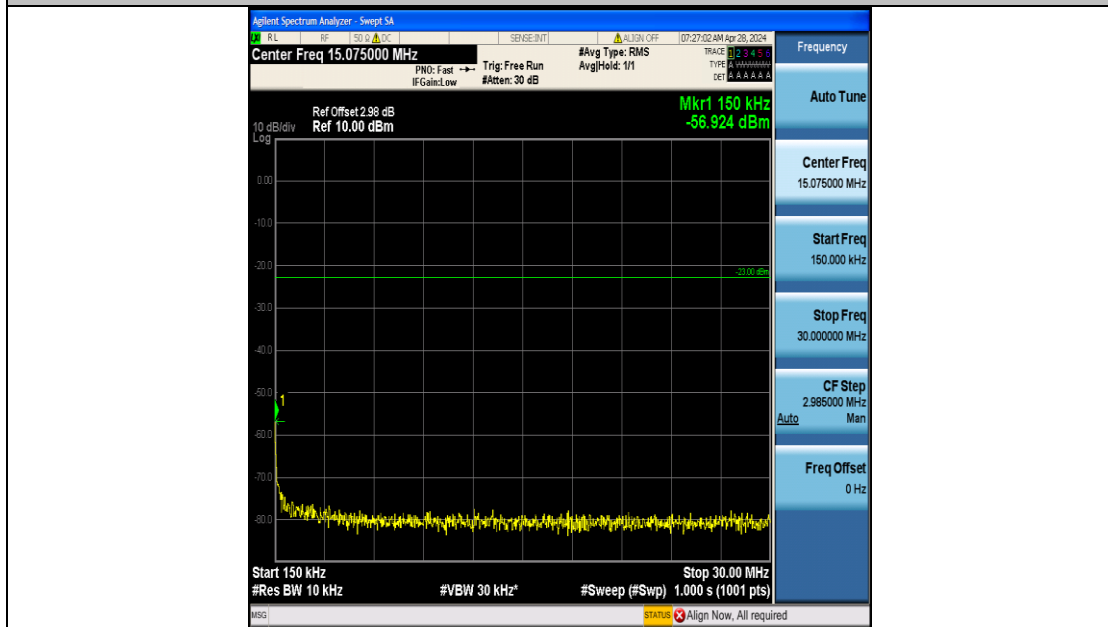
Band17_5MHz_QPSK_23755_25RB#0_1000~3000_1000~3000



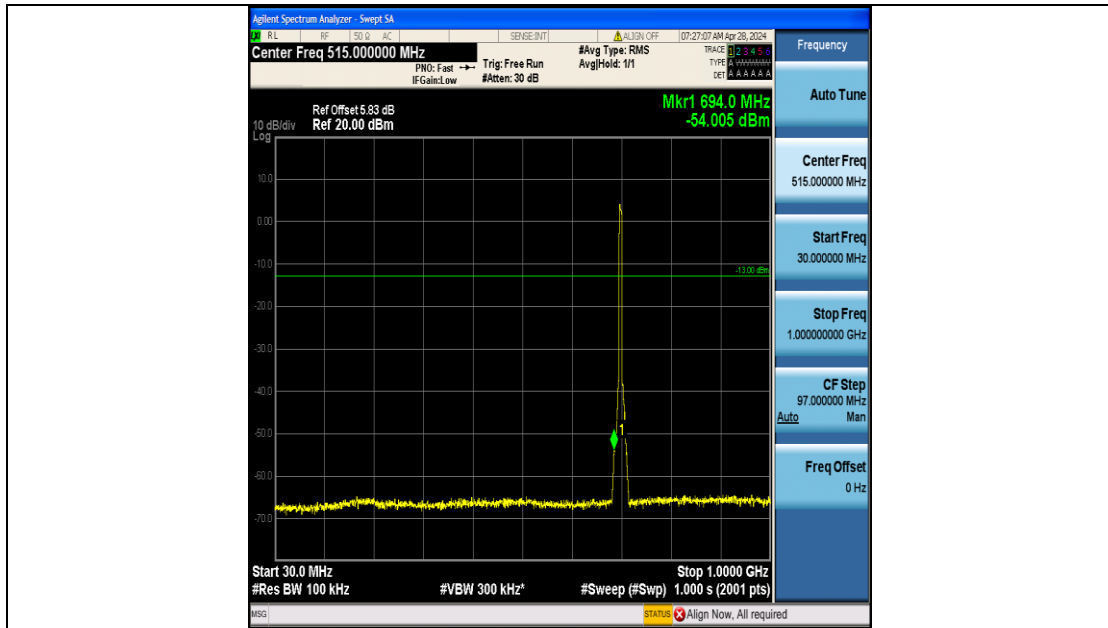
Band17_5MHz_QPSK_23755_25RB#0_3000~10000_3000~10000



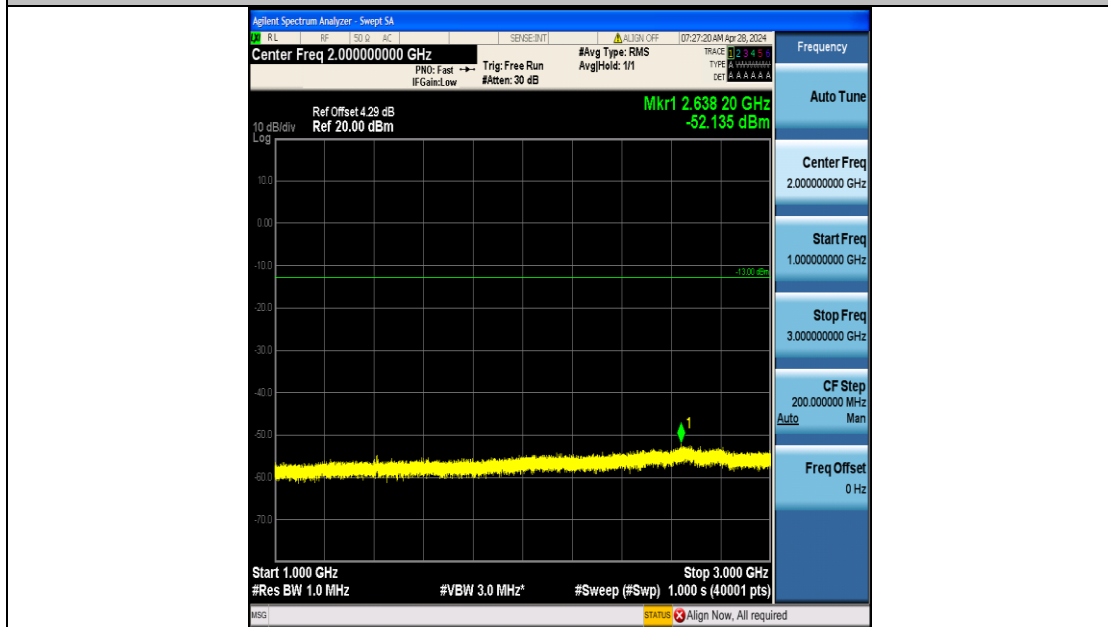
Band17_5MHz_16QAM_23755_25RB#0_0.009~0.15_0.009~0.15



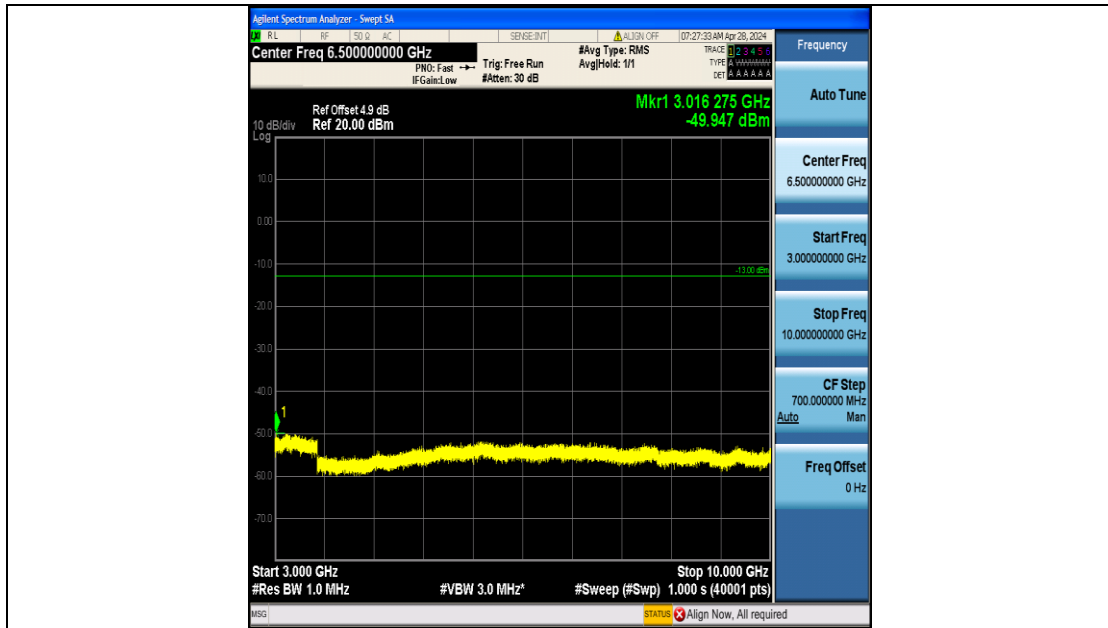
Band17_5MHz_16QAM_23755_25RB#0_0.15~30_0.15~30



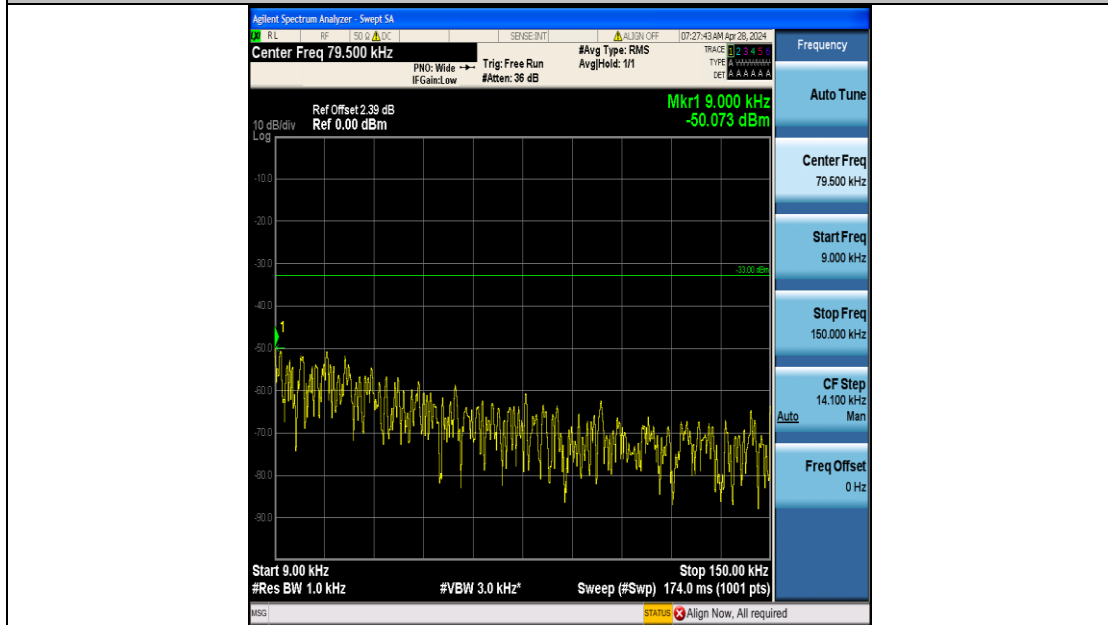
Band17_5MHz_16QAM_23755_25RB#0_30~1000_30~1000



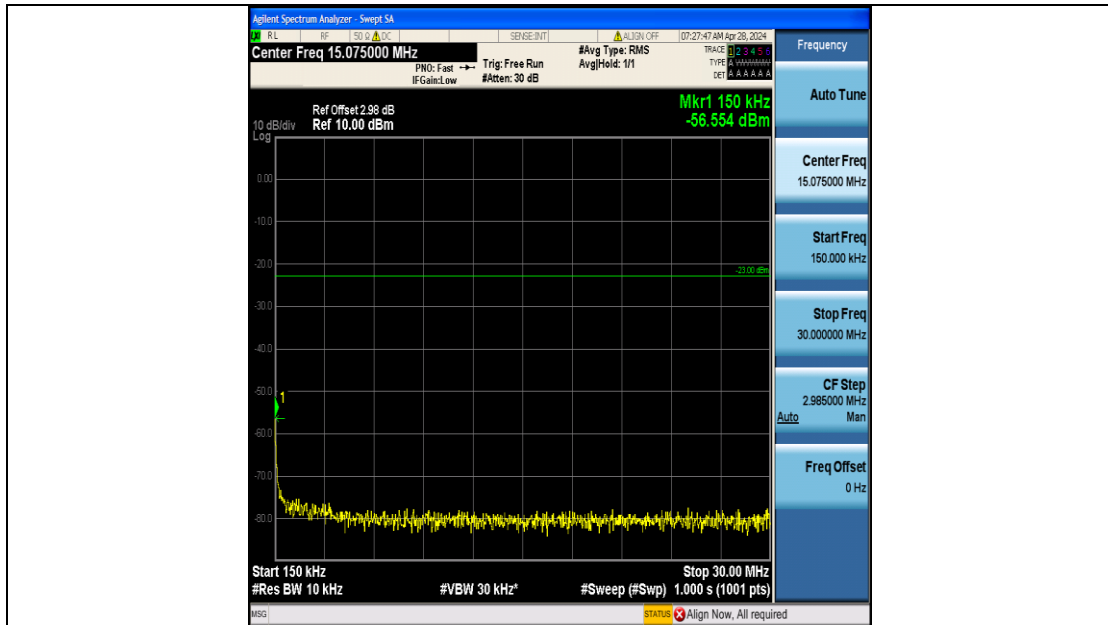
Band17_5MHz_16QAM_23755_25RB#0_1000~3000_1000~3000



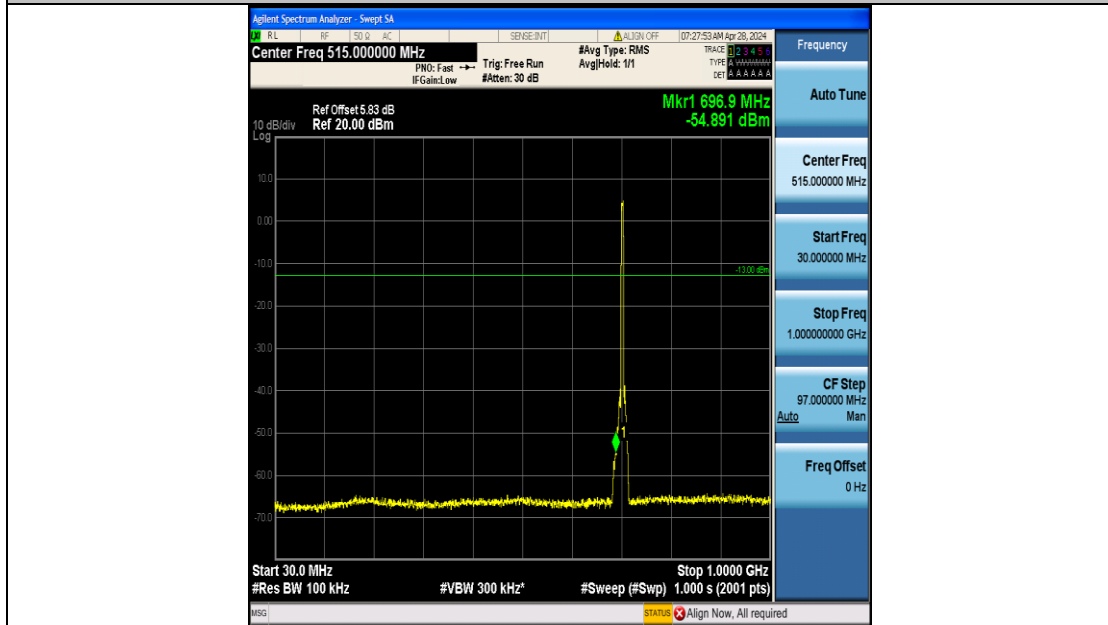
Band17_5MHz_16QAM_23755_25RB#0_3000~10000_3000~10000



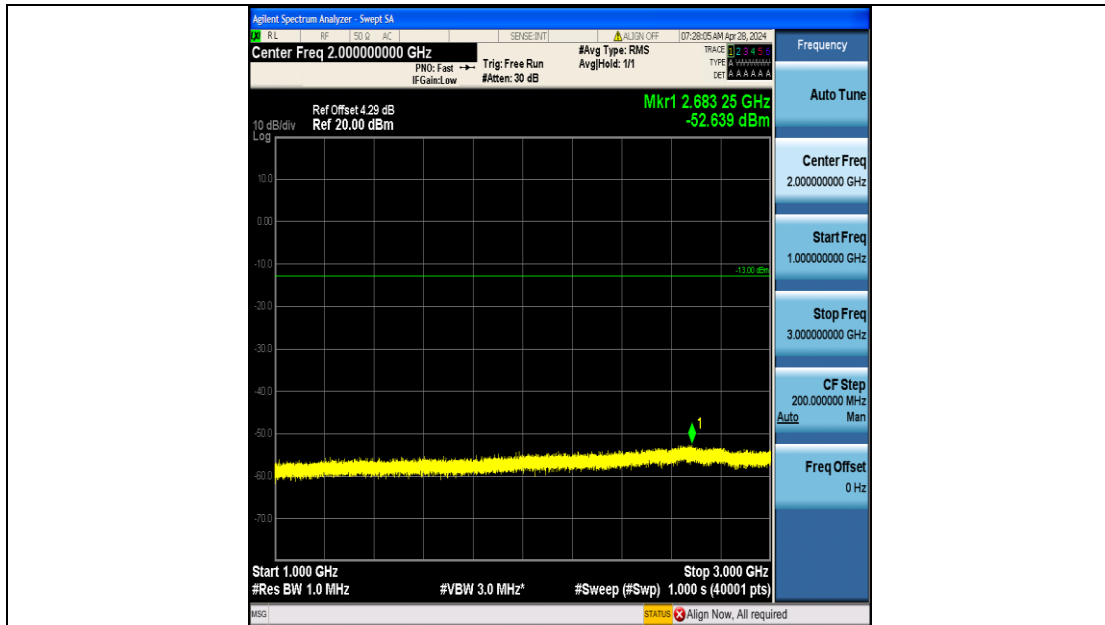
Band17_5MHz_QPSK_23790_25RB#0_0.009~0.15_0.009~0.15



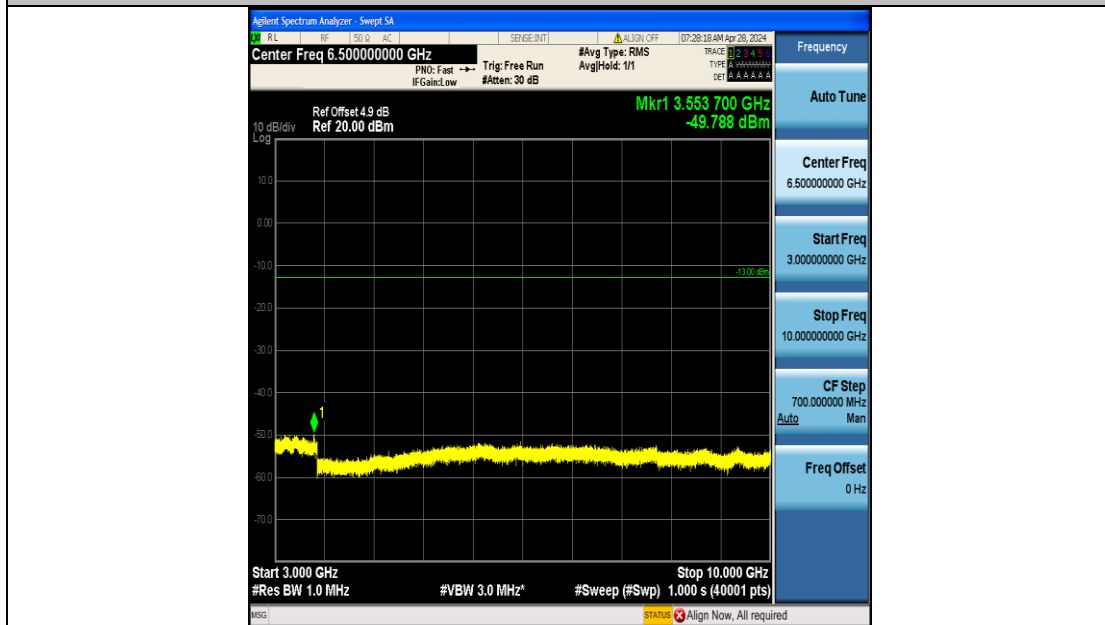
Band17_5MHz_QPSK_23790_25RB#0_0.15~30_0.15~30



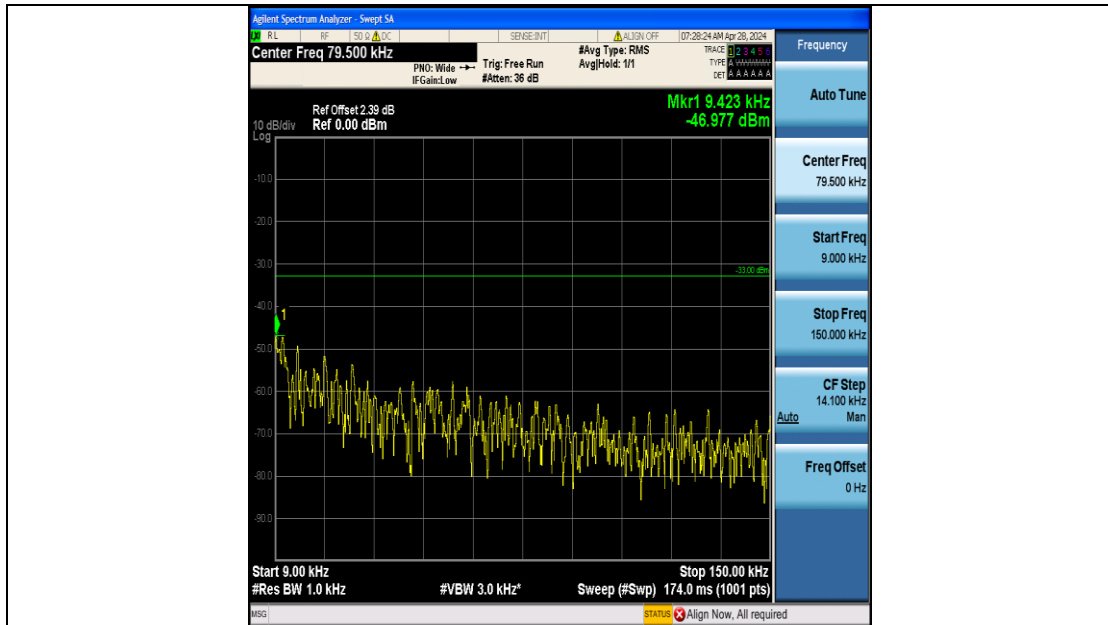
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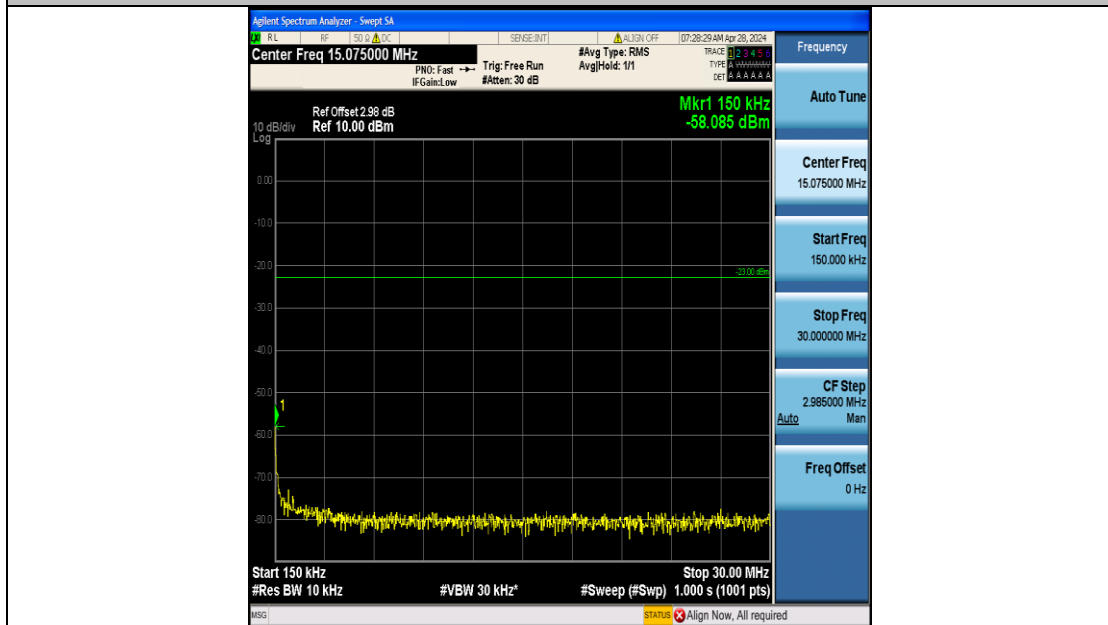
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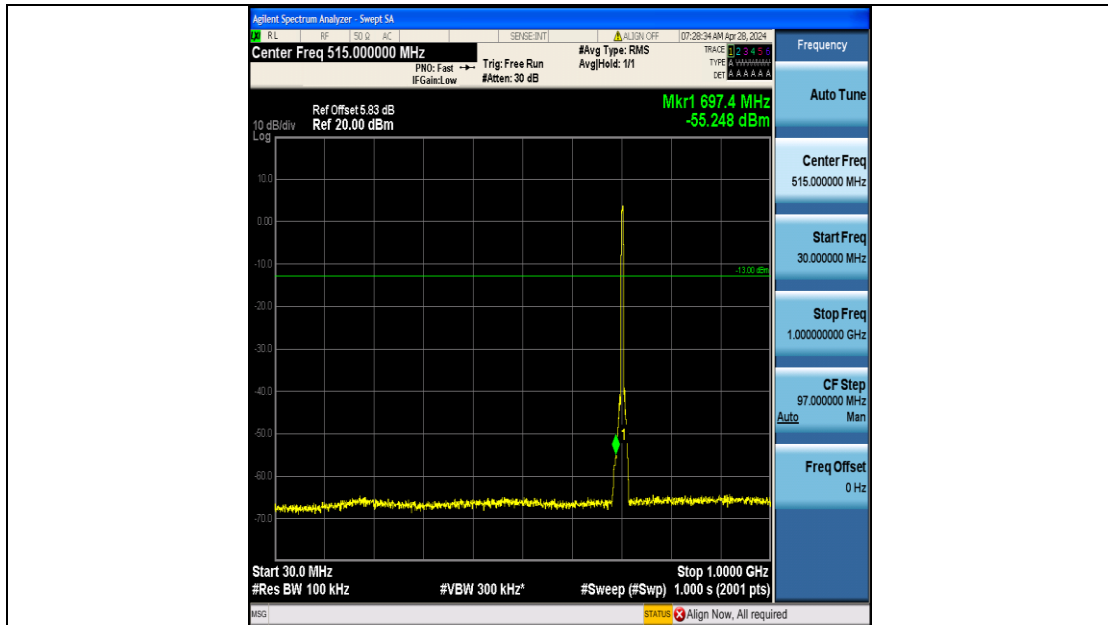
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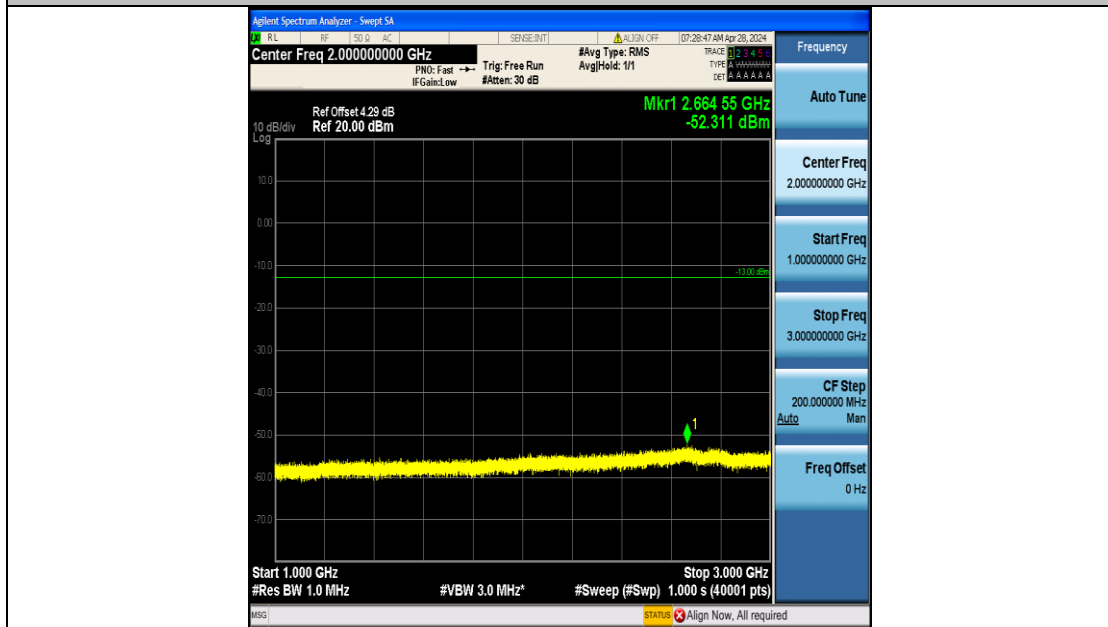
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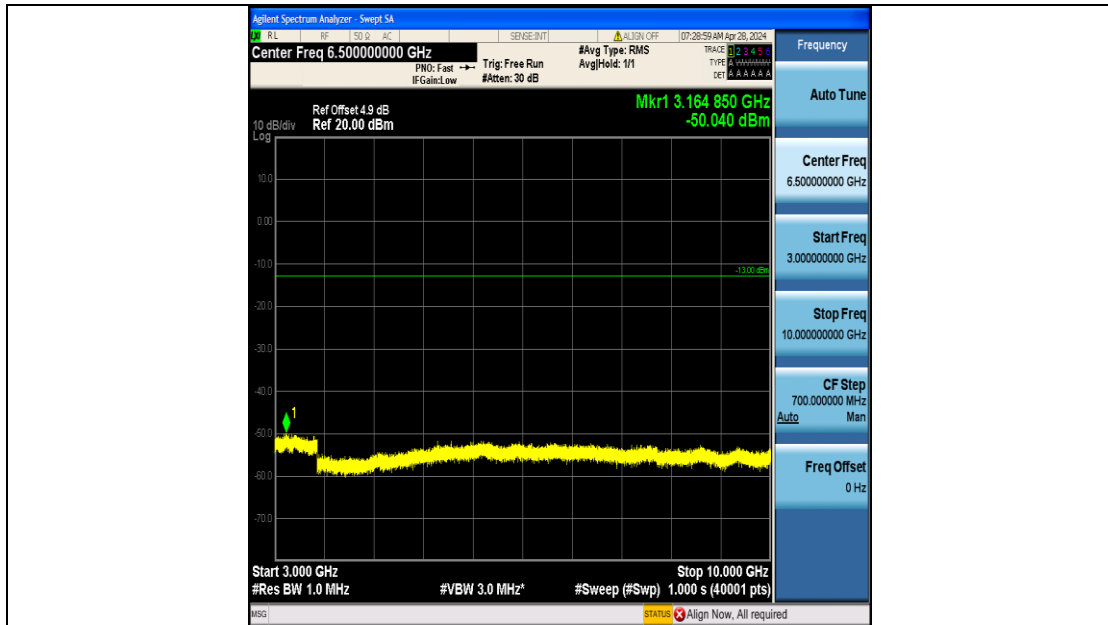
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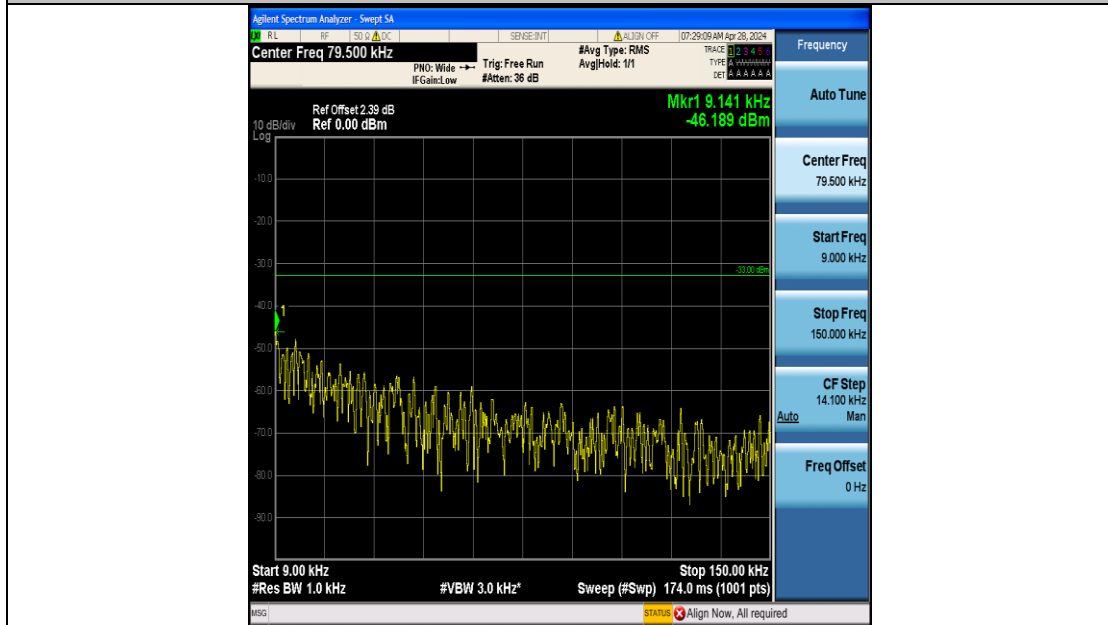
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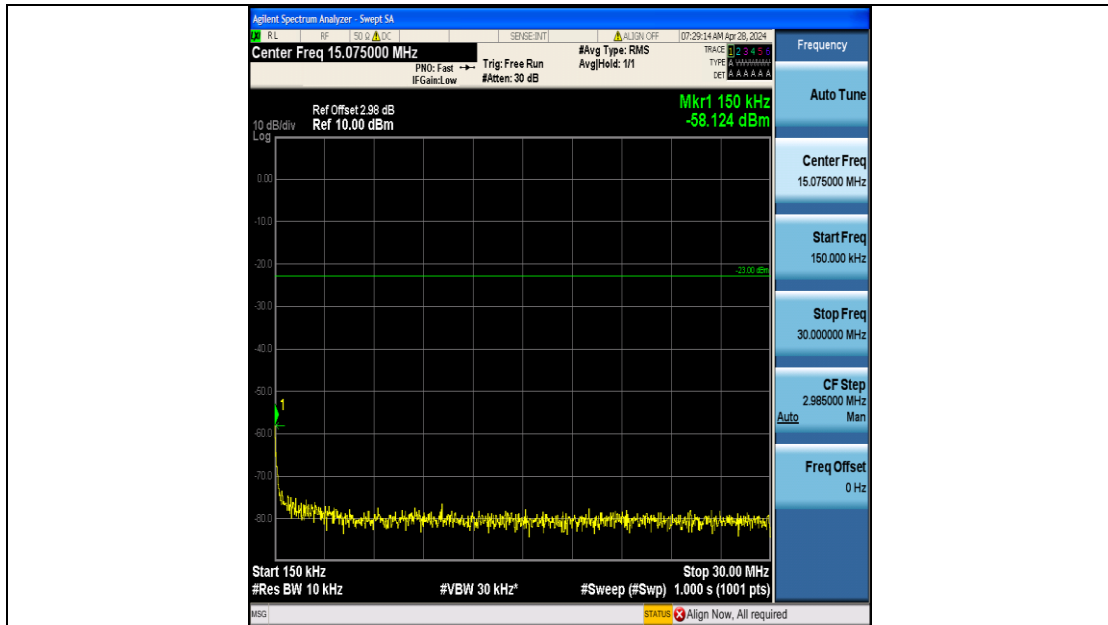
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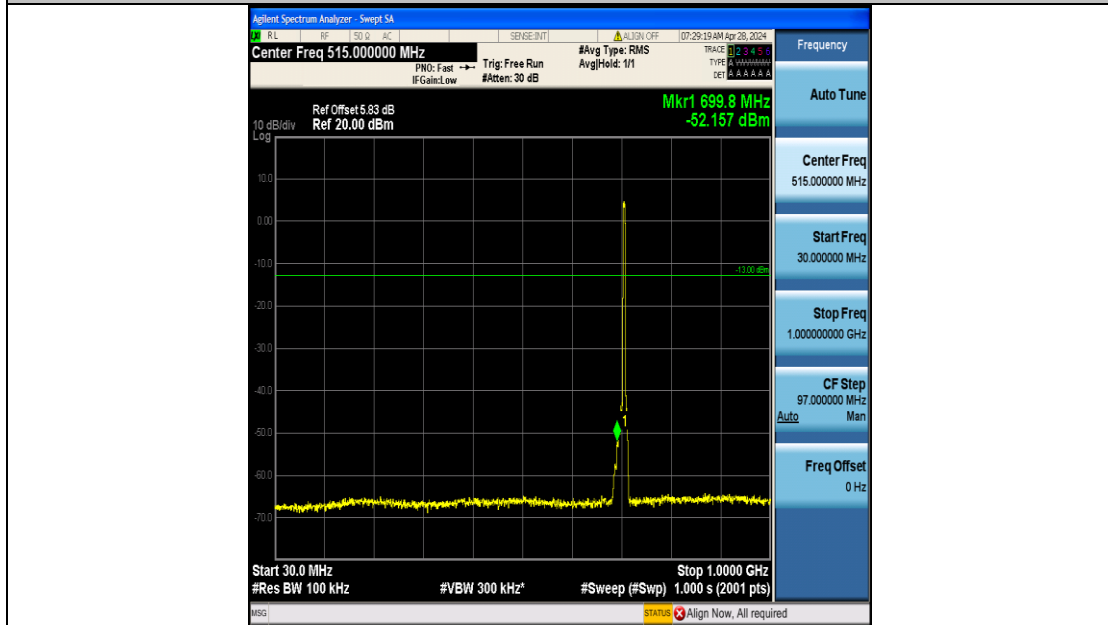
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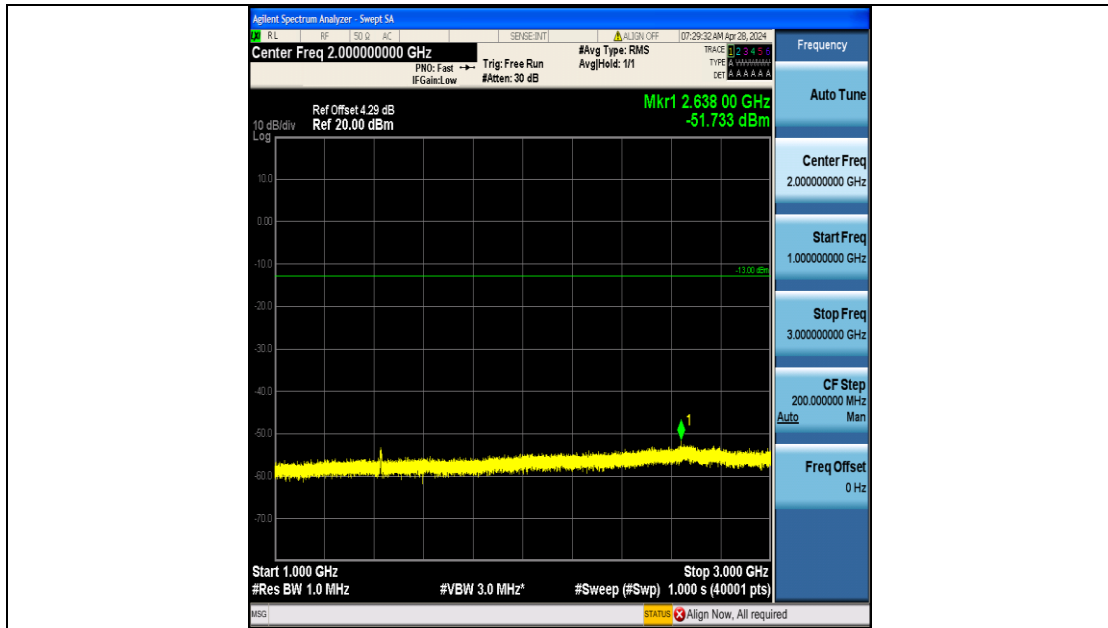
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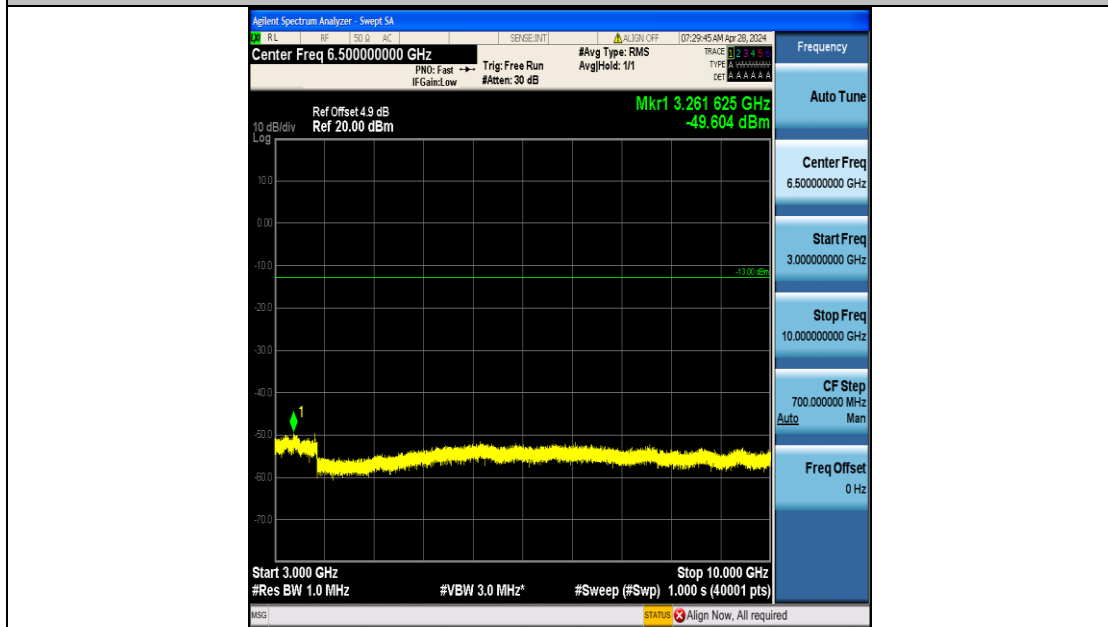
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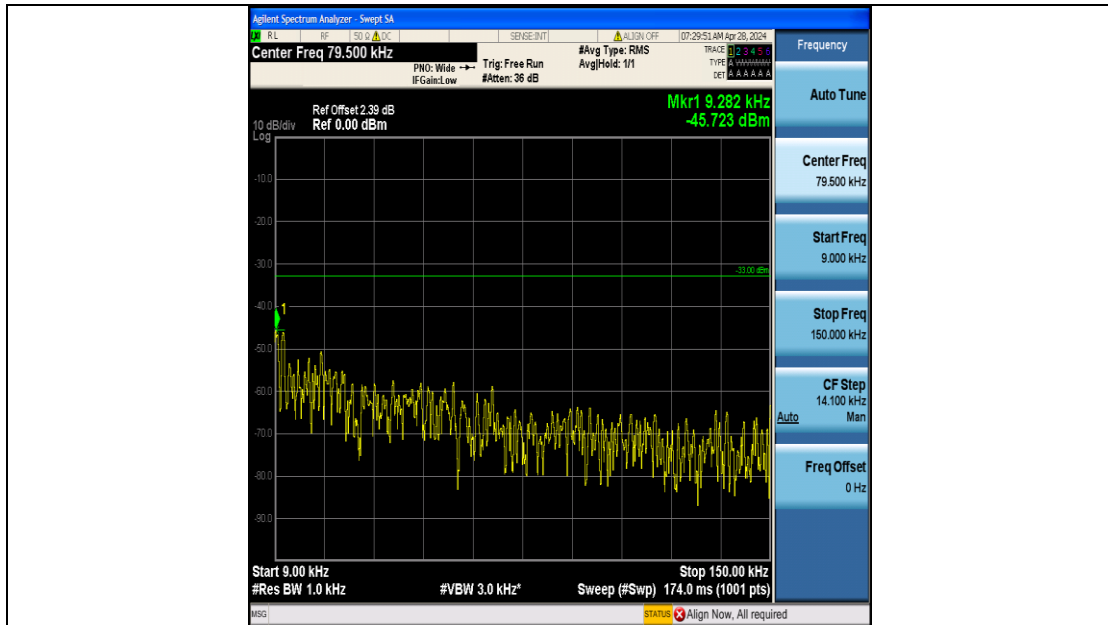
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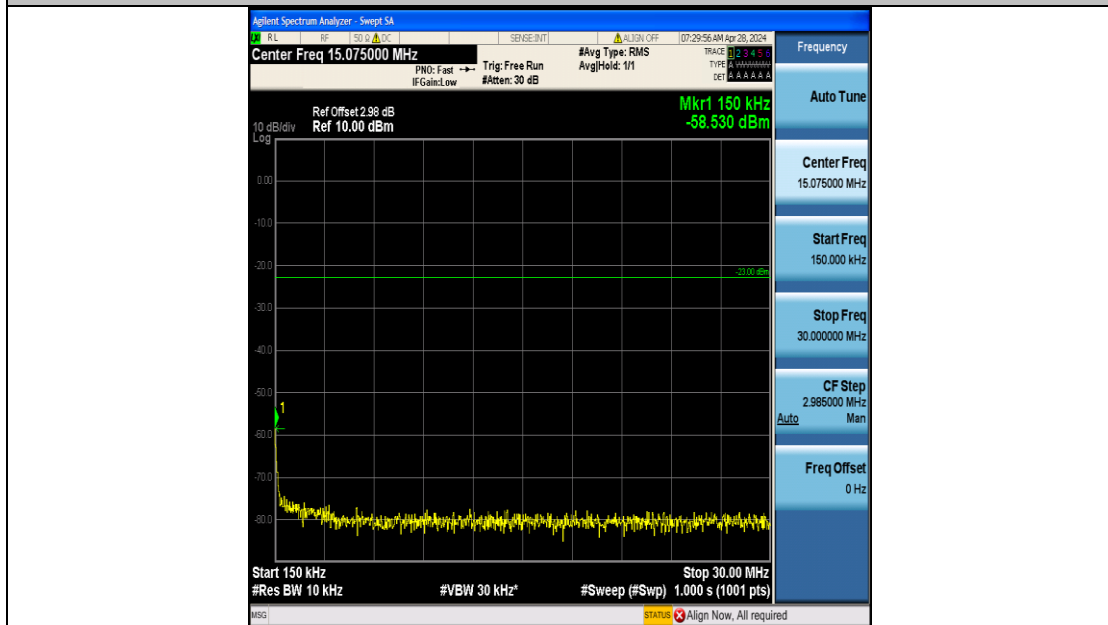
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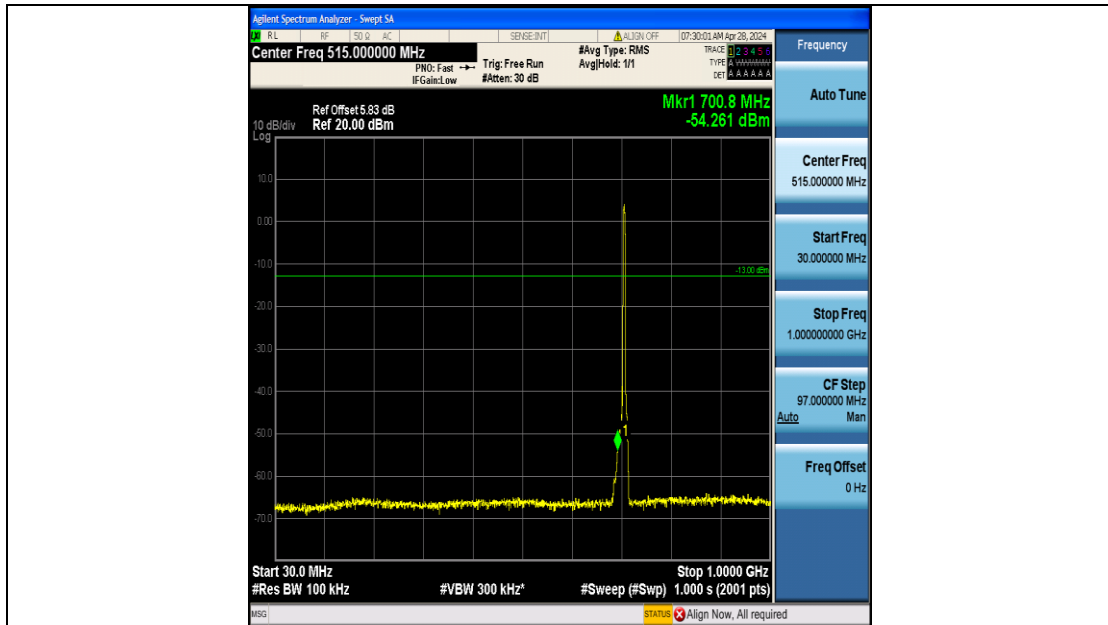
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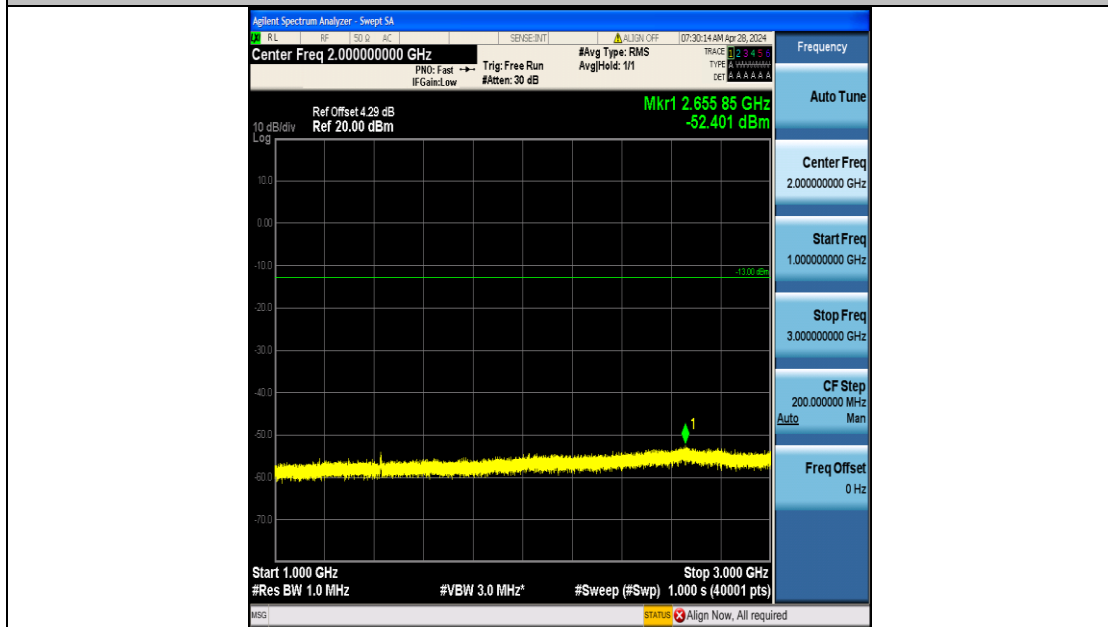
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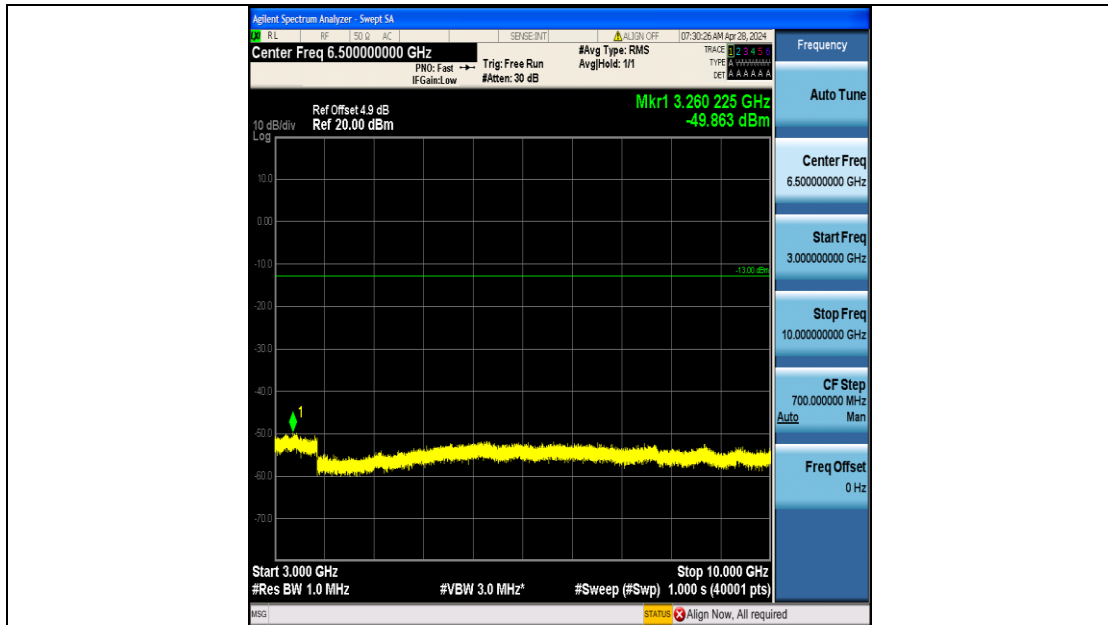
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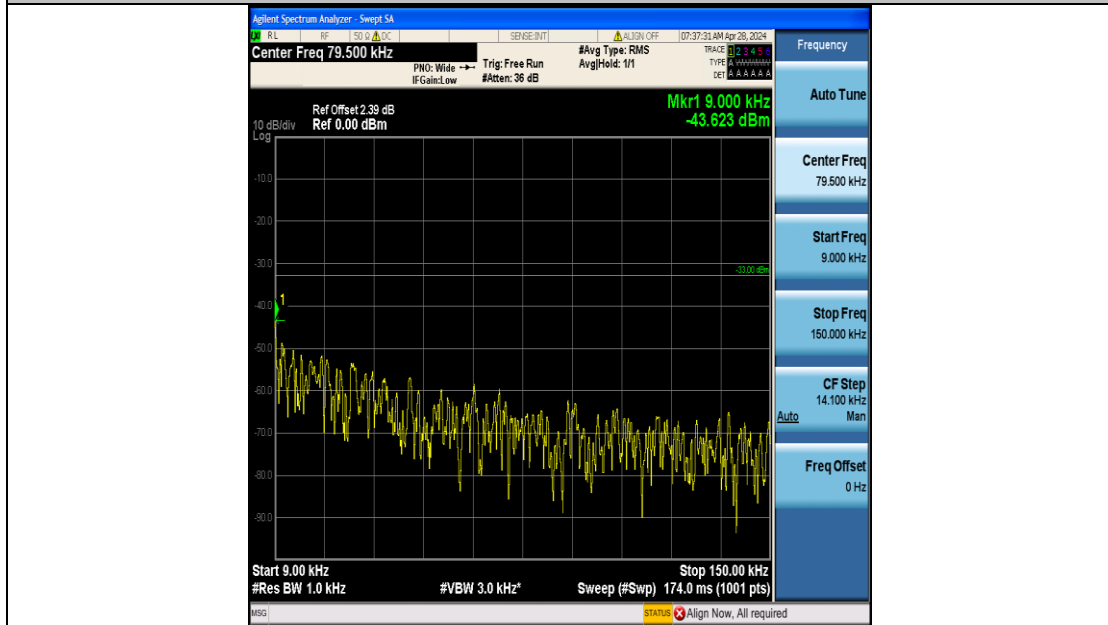
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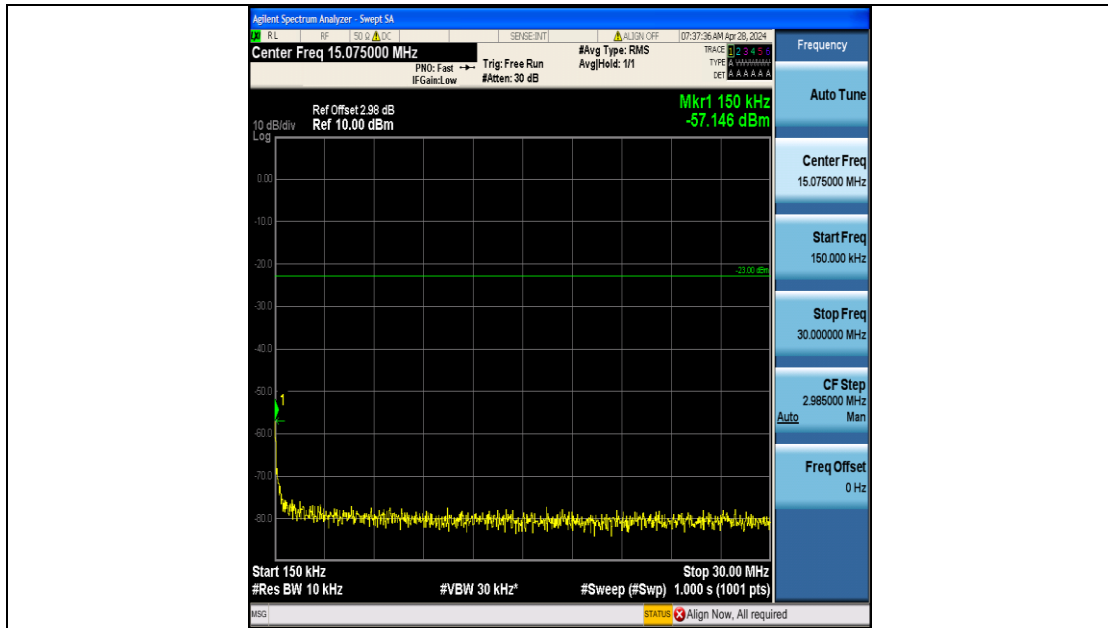
Band17_5MHz_16QAM_23825_25RB#0_1000~3000_1000~3000



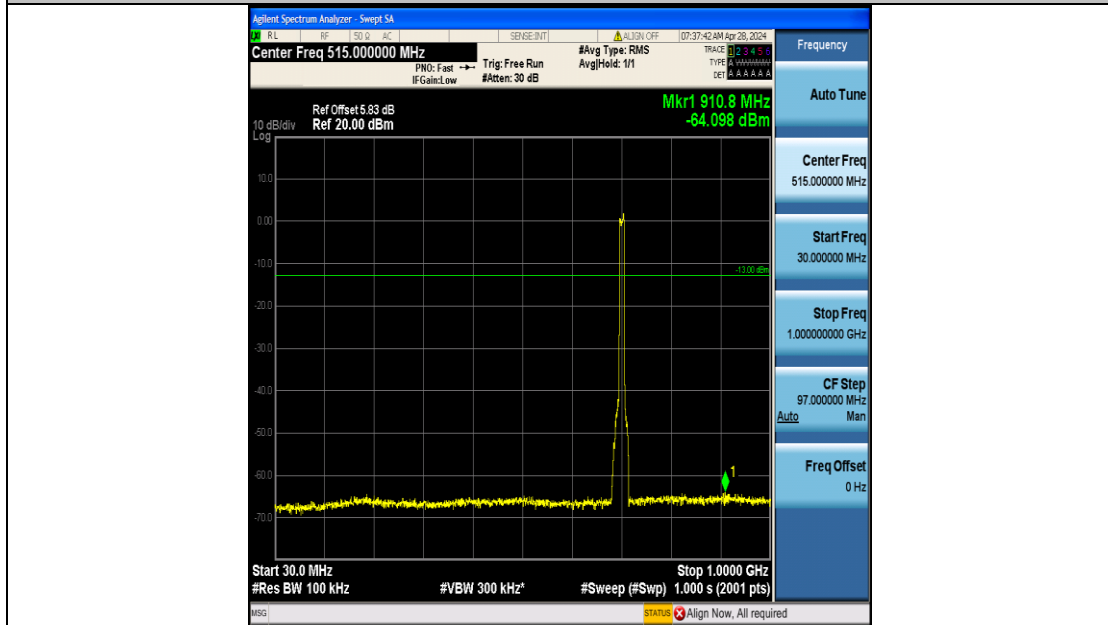
Band17_5MHz_16QAM_23825_25RB#0_3000~10000_3000~10000



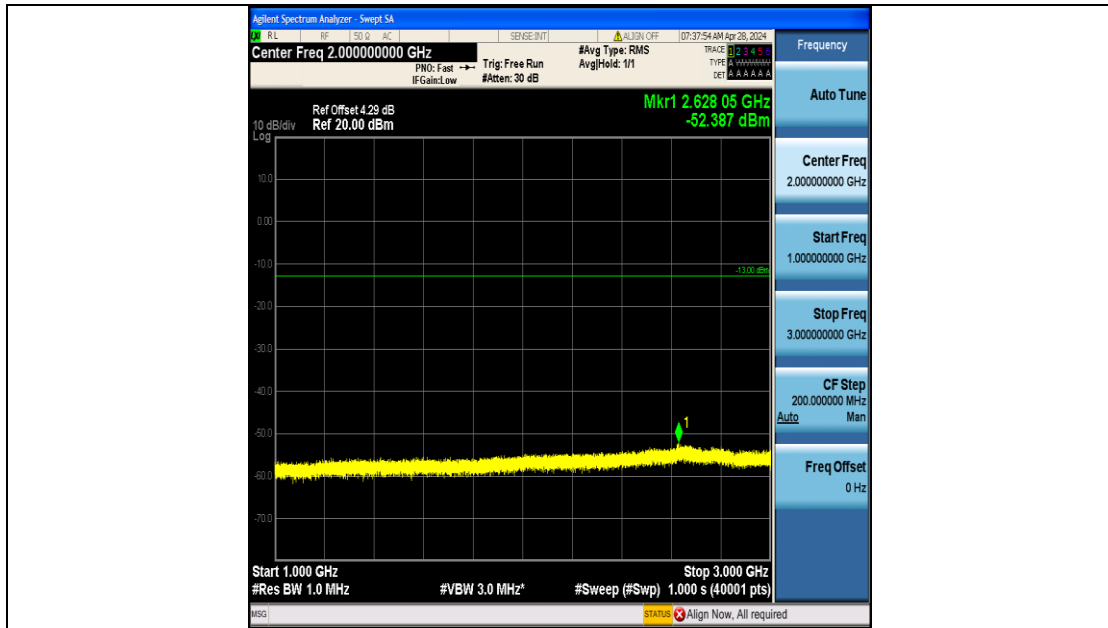
Band17_10MHz_QPSK_23780_50RB#0_0.009~0.15_0.009~0.15



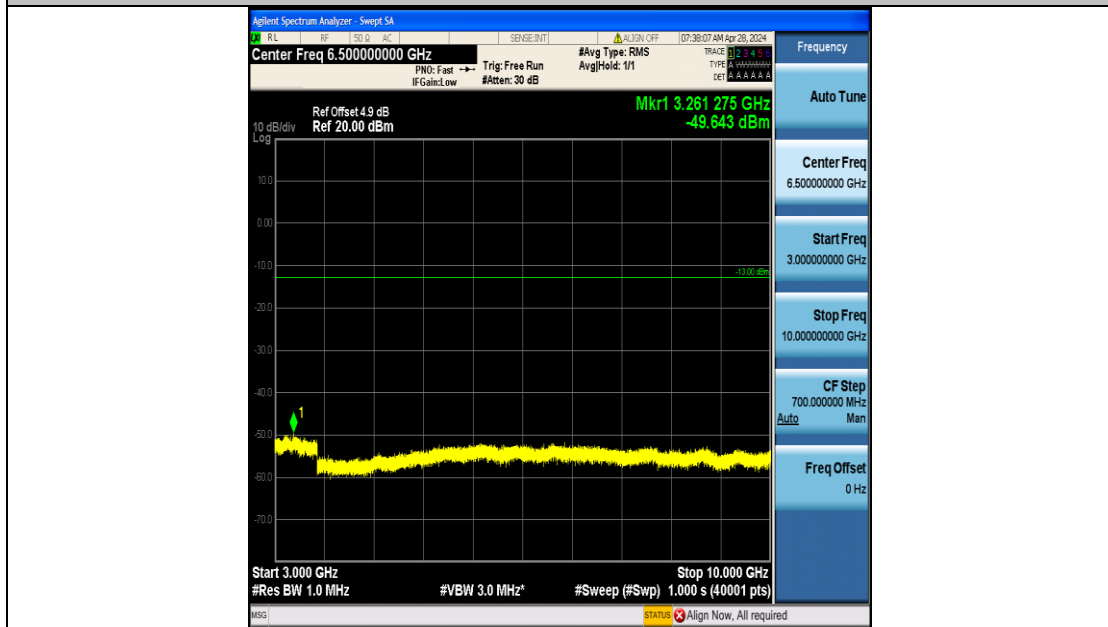
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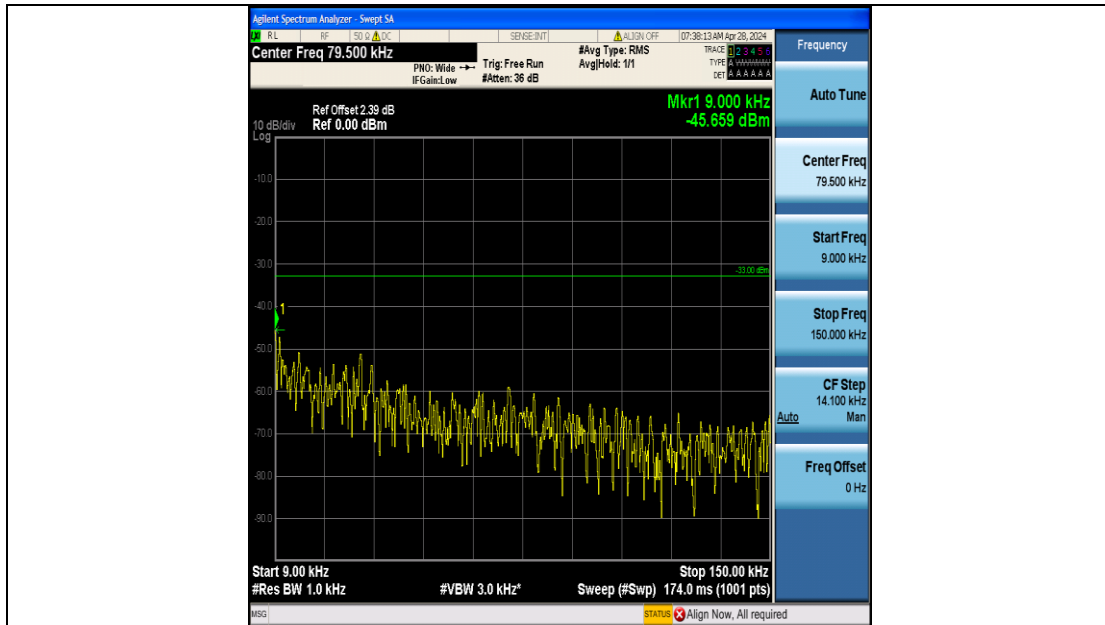
Band17_10MHz_QPSK_23780_50RB#0_30~1000_30~1000



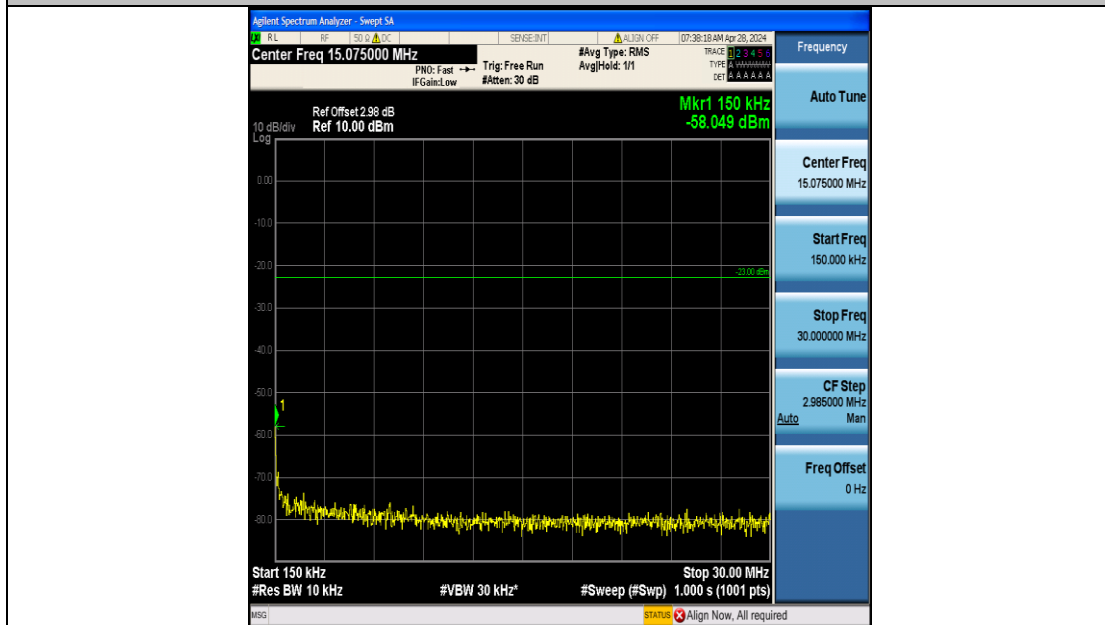
Band17_10MHz_QPSK_23780_50RB#0_1000~3000_1000~3000



Band17_10MHz_QPSK_23780_50RB#0_3000~10000_3000~10000



Band17_10MHz_16QAM_23780_50RB#0_0.009~0.15_0.009~0.15



Band17_10MHz_16QAM_23780_50RB#0_0.15~30_0.15~30