

# Appendix for Band 5

Report No.: BCTC2504042667-6E

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Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

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Product Name: Smart Phone

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Test Model: F114

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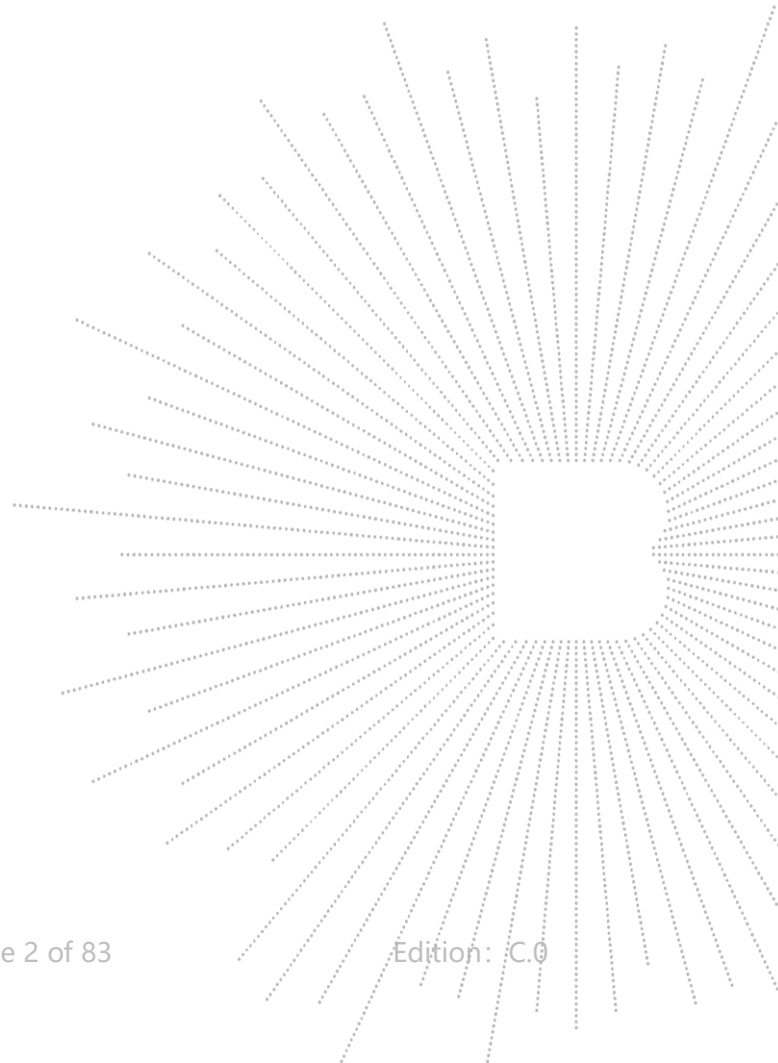
Tested Date: 2025-04-07 to 2025-06-05

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**Shenzhen BCTC Testing Co., Ltd.**

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## Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

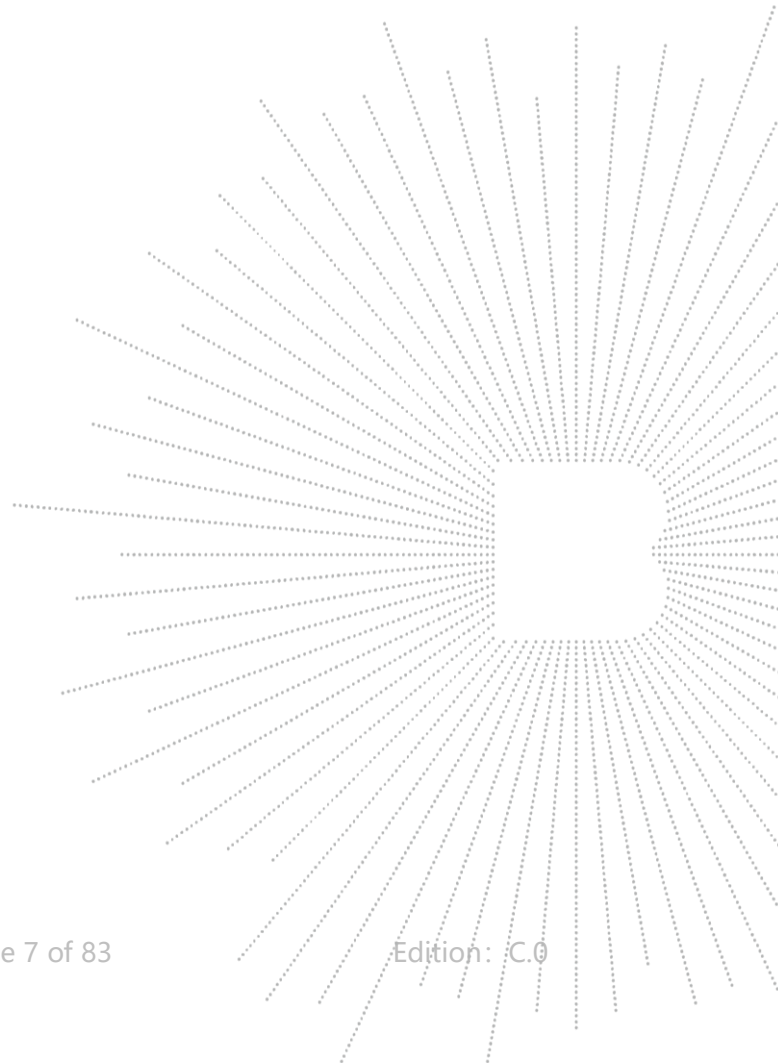
| Condition | Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dBm) | ERP<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------------|------------|----------------|------------|----------------|---------------|--------------|---------|
| NVNT      | Band5 | 1.4                | 20407         | 1          | #0             | QPSK       | 24.26          | -2.63         | 19.48        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #Mid           | QPSK       | 24.30          | -2.63         | 19.52        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #Max           | QPSK       | 24.33          | -2.63         | 19.55        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #0             | QPSK       | 24.29          | -2.63         | 19.51        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #Mid           | QPSK       | 24.28          | -2.63         | 19.50        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #Max           | QPSK       | 24.19          | -2.63         | 19.41        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | QPSK       | 23.30          | -2.63         | 18.52        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #0             | 16QAM      | 24.33          | -2.63         | 19.55        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #Mid           | 16QAM      | 24.28          | -2.63         | 19.50        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #Max           | 16QAM      | 24.33          | -2.63         | 19.55        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #0             | 16QAM      | 23.46          | -2.63         | 18.68        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #Mid           | 16QAM      | 23.57          | -2.63         | 18.79        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 3          | #Max           | 16QAM      | 23.56          | -2.63         | 18.78        | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | 16QAM      | 22.38          | -2.63         | 17.60        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #0             | QPSK       | 24.39          | -2.63         | 19.61        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #Mid           | QPSK       | 24.55          | -2.63         | 19.77        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #Max           | QPSK       | 24.73          | -2.63         | 19.95        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #0             | QPSK       | 24.50          | -2.63         | 19.72        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #Mid           | QPSK       | 24.55          | -2.63         | 19.77        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #Max           | QPSK       | 24.43          | -2.63         | 19.65        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | QPSK       | 23.51          | -2.63         | 18.73        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #0             | 16QAM      | 23.51          | -2.63         | 18.73        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #Mid           | 16QAM      | 23.50          | -2.63         | 18.72        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #Max           | 16QAM      | 23.46          | -2.63         | 18.68        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #0             | 16QAM      | 23.49          | -2.63         | 18.71        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #Mid           | 16QAM      | 23.50          | -2.63         | 18.72        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 3          | #Max           | 16QAM      | 23.43          | -2.63         | 18.65        | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | 16QAM      | 22.65          | -2.63         | 17.87        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 1          | #0             | QPSK       | 24.57          | -2.63         | 19.79        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 1          | #Mid           | QPSK       | 24.57          | -2.63         | 19.79        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 1          | #Max           | QPSK       | 24.48          | -2.63         | 19.70        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 3          | #0             | QPSK       | 24.45          | -2.63         | 19.67        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 3          | #Mid           | QPSK       | 24.41          | -2.63         | 19.63        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 3          | #Max           | QPSK       | 24.36          | -2.63         | 19.58        | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 6          | #0             | QPSK       | 23.38          | -2.63         | 18.60        | PASS    |

|      |       |     |       |    |      |       |       |       |       |      |
|------|-------|-----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band5 | 1.4 | 20643 | 1  | #0   | 16QAM | 23.40 | -2.63 | 18.62 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 1  | #Mid | 16QAM | 23.51 | -2.63 | 18.73 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 1  | #Max | 16QAM | 23.53 | -2.63 | 18.75 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 3  | #0   | 16QAM | 23.27 | -2.63 | 18.49 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 3  | #Mid | 16QAM | 23.36 | -2.63 | 18.58 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 3  | #Max | 16QAM | 23.36 | -2.63 | 18.58 | PASS |
| NVNT | Band5 | 1.4 | 20643 | 6  | #0   | 16QAM | 22.47 | -2.63 | 17.69 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #0   | QPSK  | 24.19 | -2.63 | 19.41 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #Mid | QPSK  | 24.22 | -2.63 | 19.44 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #Max | QPSK  | 24.27 | -2.63 | 19.49 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #0   | QPSK  | 23.37 | -2.63 | 18.59 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #Mid | QPSK  | 23.26 | -2.63 | 18.48 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #Max | QPSK  | 23.37 | -2.63 | 18.59 | PASS |
| NVNT | Band5 | 3   | 20415 | 15 | #0   | QPSK  | 23.22 | -2.63 | 18.44 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #0   | 16QAM | 24.14 | -2.63 | 19.36 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #Mid | 16QAM | 24.19 | -2.63 | 19.41 | PASS |
| NVNT | Band5 | 3   | 20415 | 1  | #Max | 16QAM | 24.28 | -2.63 | 19.50 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #0   | 16QAM | 22.03 | -2.63 | 17.25 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #Mid | 16QAM | 22.09 | -2.63 | 17.31 | PASS |
| NVNT | Band5 | 3   | 20415 | 8  | #Max | 16QAM | 22.06 | -2.63 | 17.28 | PASS |
| NVNT | Band5 | 3   | 20415 | 15 | #0   | 16QAM | 22.31 | -2.63 | 17.53 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #0   | QPSK  | 24.64 | -2.63 | 19.86 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #Mid | QPSK  | 24.48 | -2.63 | 19.70 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #Max | QPSK  | 24.71 | -2.63 | 19.93 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #0   | QPSK  | 23.42 | -2.63 | 18.64 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #Mid | QPSK  | 23.39 | -2.63 | 18.61 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #Max | QPSK  | 23.58 | -2.63 | 18.80 | PASS |
| NVNT | Band5 | 3   | 20525 | 15 | #0   | QPSK  | 23.46 | -2.63 | 18.68 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #0   | 16QAM | 23.49 | -2.63 | 18.71 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #Mid | 16QAM | 23.47 | -2.63 | 18.69 | PASS |
| NVNT | Band5 | 3   | 20525 | 1  | #Max | 16QAM | 23.42 | -2.63 | 18.64 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #0   | 16QAM | 22.52 | -2.63 | 17.74 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #Mid | 16QAM | 22.48 | -2.63 | 17.70 | PASS |
| NVNT | Band5 | 3   | 20525 | 8  | #Max | 16QAM | 22.49 | -2.63 | 17.71 | PASS |
| NVNT | Band5 | 3   | 20525 | 15 | #0   | 16QAM | 22.41 | -2.63 | 17.63 | PASS |
| NVNT | Band5 | 3   | 20635 | 1  | #0   | QPSK  | 24.70 | -2.63 | 19.92 | PASS |
| NVNT | Band5 | 3   | 20635 | 1  | #Mid | QPSK  | 24.40 | -2.63 | 19.62 | PASS |
| NVNT | Band5 | 3   | 20635 | 1  | #Max | QPSK  | 24.56 | -2.63 | 19.78 | PASS |
| NVNT | Band5 | 3   | 20635 | 8  | #0   | QPSK  | 23.50 | -2.63 | 18.72 | PASS |
| NVNT | Band5 | 3   | 20635 | 8  | #Mid | QPSK  | 23.50 | -2.63 | 18.72 | PASS |
| NVNT | Band5 | 3   | 20635 | 8  | #Max | QPSK  | 23.44 | -2.63 | 18.66 | PASS |
| NVNT | Band5 | 3   | 20635 | 15 | #0   | QPSK  | 23.56 | -2.63 | 18.78 | PASS |

|      |       |   |       |    |      |       |       |       |       |      |
|------|-------|---|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band5 | 3 | 20635 | 1  | #0   | 16QAM | 24.24 | -2.63 | 19.46 | PASS |
| NVNT | Band5 | 3 | 20635 | 1  | #Mid | 16QAM | 24.20 | -2.63 | 19.42 | PASS |
| NVNT | Band5 | 3 | 20635 | 1  | #Max | 16QAM | 24.19 | -2.63 | 19.41 | PASS |
| NVNT | Band5 | 3 | 20635 | 8  | #0   | 16QAM | 22.44 | -2.63 | 17.66 | PASS |
| NVNT | Band5 | 3 | 20635 | 8  | #Mid | 16QAM | 22.40 | -2.63 | 17.62 | PASS |
| NVNT | Band5 | 3 | 20635 | 8  | #Max | 16QAM | 22.34 | -2.63 | 17.56 | PASS |
| NVNT | Band5 | 3 | 20635 | 15 | #0   | 16QAM | 22.54 | -2.63 | 17.76 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #0   | QPSK  | 24.14 | -2.63 | 19.36 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #Mid | QPSK  | 24.23 | -2.63 | 19.45 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #Max | QPSK  | 24.24 | -2.63 | 19.46 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #0   | QPSK  | 23.18 | -2.63 | 18.40 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #Mid | QPSK  | 23.31 | -2.63 | 18.53 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #Max | QPSK  | 23.23 | -2.63 | 18.45 | PASS |
| NVNT | Band5 | 5 | 20425 | 25 | #0   | QPSK  | 23.34 | -2.63 | 18.56 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #0   | 16QAM | 23.40 | -2.63 | 18.62 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #Mid | 16QAM | 23.41 | -2.63 | 18.63 | PASS |
| NVNT | Band5 | 5 | 20425 | 1  | #Max | 16QAM | 23.47 | -2.63 | 18.69 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #0   | 16QAM | 22.20 | -2.63 | 17.42 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #Mid | 16QAM | 22.23 | -2.63 | 17.45 | PASS |
| NVNT | Band5 | 5 | 20425 | 12 | #Max | 16QAM | 22.26 | -2.63 | 17.48 | PASS |
| NVNT | Band5 | 5 | 20425 | 25 | #0   | 16QAM | 22.47 | -2.63 | 17.69 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #0   | QPSK  | 24.43 | -2.63 | 19.65 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #Mid | QPSK  | 24.44 | -2.63 | 19.66 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #Max | QPSK  | 24.45 | -2.63 | 19.67 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #0   | QPSK  | 23.52 | -2.63 | 18.74 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #Mid | QPSK  | 23.55 | -2.63 | 18.77 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #Max | QPSK  | 23.50 | -2.63 | 18.72 | PASS |
| NVNT | Band5 | 5 | 20525 | 25 | #0   | QPSK  | 23.49 | -2.63 | 18.71 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #0   | 16QAM | 23.48 | -2.63 | 18.70 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #Mid | 16QAM | 23.54 | -2.63 | 18.76 | PASS |
| NVNT | Band5 | 5 | 20525 | 1  | #Max | 16QAM | 23.49 | -2.63 | 18.71 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #0   | 16QAM | 22.29 | -2.63 | 17.51 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #Mid | 16QAM | 22.29 | -2.63 | 17.51 | PASS |
| NVNT | Band5 | 5 | 20525 | 12 | #Max | 16QAM | 22.41 | -2.63 | 17.63 | PASS |
| NVNT | Band5 | 5 | 20525 | 25 | #0   | 16QAM | 22.49 | -2.63 | 17.71 | PASS |
| NVNT | Band5 | 5 | 20625 | 1  | #0   | QPSK  | 24.31 | -2.63 | 19.53 | PASS |
| NVNT | Band5 | 5 | 20625 | 1  | #Mid | QPSK  | 24.34 | -2.63 | 19.56 | PASS |
| NVNT | Band5 | 5 | 20625 | 1  | #Max | QPSK  | 24.25 | -2.63 | 19.47 | PASS |
| NVNT | Band5 | 5 | 20625 | 12 | #0   | QPSK  | 23.50 | -2.63 | 18.72 | PASS |
| NVNT | Band5 | 5 | 20625 | 12 | #Mid | QPSK  | 23.54 | -2.63 | 18.76 | PASS |
| NVNT | Band5 | 5 | 20625 | 12 | #Max | QPSK  | 23.44 | -2.63 | 18.66 | PASS |
| NVNT | Band5 | 5 | 20625 | 25 | #0   | QPSK  | 23.48 | -2.63 | 18.70 | PASS |

|      |       |    |       |    |      |       |       |       |       |      |
|------|-------|----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band5 | 5  | 20625 | 1  | #0   | 16QAM | 24.04 | -2.63 | 19.26 | PASS |
| NVNT | Band5 | 5  | 20625 | 1  | #Mid | 16QAM | 23.92 | -2.63 | 19.14 | PASS |
| NVNT | Band5 | 5  | 20625 | 1  | #Max | 16QAM | 23.95 | -2.63 | 19.17 | PASS |
| NVNT | Band5 | 5  | 20625 | 12 | #0   | 16QAM | 22.43 | -2.63 | 17.65 | PASS |
| NVNT | Band5 | 5  | 20625 | 12 | #Mid | 16QAM | 22.40 | -2.63 | 17.62 | PASS |
| NVNT | Band5 | 5  | 20625 | 12 | #Max | 16QAM | 22.29 | -2.63 | 17.51 | PASS |
| NVNT | Band5 | 5  | 20625 | 25 | #0   | 16QAM | 22.53 | -2.63 | 17.75 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #0   | QPSK  | 24.12 | -2.63 | 19.34 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #Mid | QPSK  | 24.22 | -2.63 | 19.44 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #Max | QPSK  | 24.31 | -2.63 | 19.53 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #0   | QPSK  | 23.18 | -2.63 | 18.40 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #Mid | QPSK  | 23.25 | -2.63 | 18.47 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #Max | QPSK  | 23.34 | -2.63 | 18.56 | PASS |
| NVNT | Band5 | 10 | 20450 | 50 | #0   | QPSK  | 23.40 | -2.63 | 18.62 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #0   | 16QAM | 24.08 | -2.63 | 19.30 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #Mid | 16QAM | 24.20 | -2.63 | 19.42 | PASS |
| NVNT | Band5 | 10 | 20450 | 1  | #Max | 16QAM | 24.31 | -2.63 | 19.53 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #0   | 16QAM | 22.24 | -2.63 | 17.46 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #Mid | 16QAM | 22.31 | -2.63 | 17.53 | PASS |
| NVNT | Band5 | 10 | 20450 | 25 | #Max | 16QAM | 22.36 | -2.63 | 17.58 | PASS |
| NVNT | Band5 | 10 | 20450 | 50 | #0   | 16QAM | 22.37 | -2.63 | 17.59 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #0   | QPSK  | 24.29 | -2.63 | 19.51 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #Mid | QPSK  | 24.37 | -2.63 | 19.59 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #Max | QPSK  | 24.51 | -2.63 | 19.73 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #0   | QPSK  | 23.42 | -2.63 | 18.64 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #Mid | QPSK  | 23.53 | -2.63 | 18.75 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #Max | QPSK  | 23.51 | -2.63 | 18.73 | PASS |
| NVNT | Band5 | 10 | 20525 | 50 | #0   | QPSK  | 23.42 | -2.63 | 18.64 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #0   | 16QAM | 24.05 | -2.63 | 19.27 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #Mid | 16QAM | 24.09 | -2.63 | 19.31 | PASS |
| NVNT | Band5 | 10 | 20525 | 1  | #Max | 16QAM | 24.18 | -2.63 | 19.40 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #0   | 16QAM | 22.52 | -2.63 | 17.74 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #Mid | 16QAM | 22.49 | -2.63 | 17.71 | PASS |
| NVNT | Band5 | 10 | 20525 | 25 | #Max | 16QAM | 22.50 | -2.63 | 17.72 | PASS |
| NVNT | Band5 | 10 | 20525 | 50 | #0   | 16QAM | 22.45 | -2.63 | 17.67 | PASS |
| NVNT | Band5 | 10 | 20600 | 1  | #0   | QPSK  | 24.46 | -2.63 | 19.68 | PASS |
| NVNT | Band5 | 10 | 20600 | 1  | #Mid | QPSK  | 24.51 | -2.63 | 19.73 | PASS |
| NVNT | Band5 | 10 | 20600 | 1  | #Max | QPSK  | 24.46 | -2.63 | 19.68 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #0   | QPSK  | 23.55 | -2.63 | 18.77 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #Mid | QPSK  | 23.62 | -2.63 | 18.84 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #Max | QPSK  | 23.45 | -2.63 | 18.67 | PASS |
| NVNT | Band5 | 10 | 20600 | 50 | #0   | QPSK  | 23.63 | -2.63 | 18.85 | PASS |

|      |       |    |       |    |      |       |       |       |       |      |
|------|-------|----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band5 | 10 | 20600 | 1  | #0   | 16QAM | 23.70 | -2.63 | 18.92 | PASS |
| NVNT | Band5 | 10 | 20600 | 1  | #Mid | 16QAM | 23.88 | -2.63 | 19.10 | PASS |
| NVNT | Band5 | 10 | 20600 | 1  | #Max | 16QAM | 23.73 | -2.63 | 18.95 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #0   | 16QAM | 22.51 | -2.63 | 17.73 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #Mid | 16QAM | 22.56 | -2.63 | 17.78 | PASS |
| NVNT | Band5 | 10 | 20600 | 25 | #Max | 16QAM | 22.51 | -2.63 | 17.73 | PASS |
| NVNT | Band5 | 10 | 20600 | 50 | #0   | 16QAM | 22.50 | -2.63 | 17.72 | PASS |



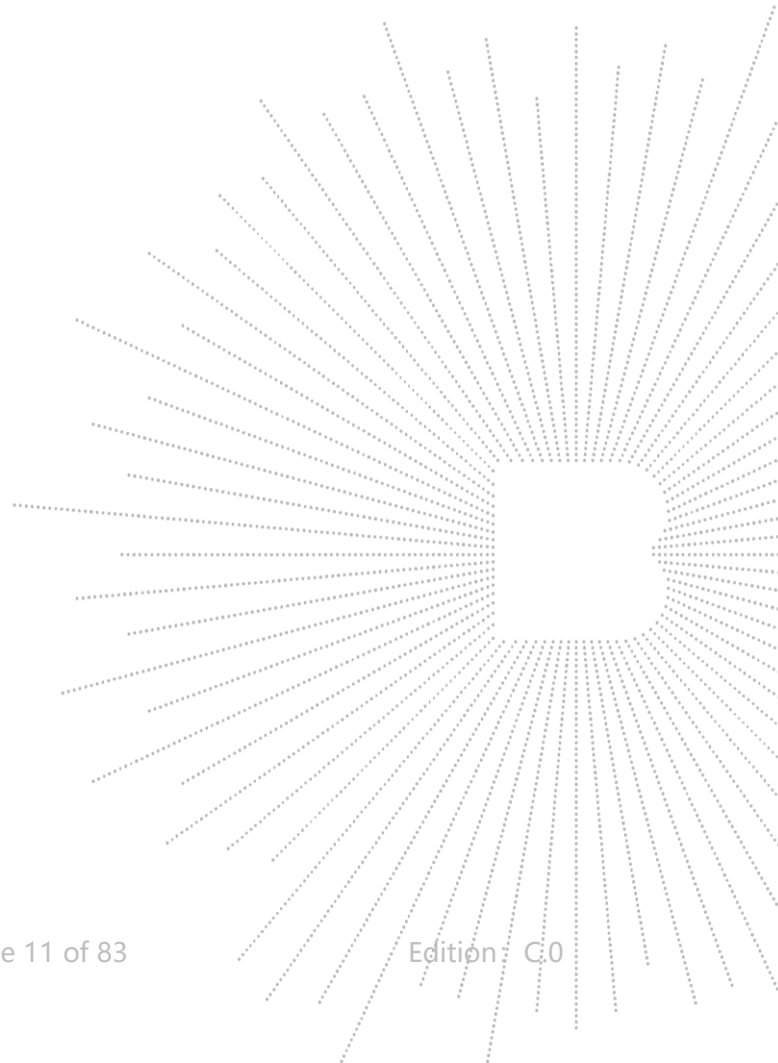
## Appendix 2.Frequency stability

| Condition | Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Verdict |
|-----------|--------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|---------|
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | LV            | NT              | -21.77      | -0.026       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | NT              | -33.07      | -0.040       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | HV            | NT              | -24.68      | -0.030       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | LV            | NT              | -7.21       | -0.009       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | NT              | 10.36       | 0.013        | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | HV            | NT              | 24.92       | 0.030        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | LV            | NT              | 16.11       | 0.019        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | NV            | NT              | 12.13       | 0.015        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | HV            | NT              | 10.03       | 0.012        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | 16QAM      | LV            | NT              | 11.12       | 0.013        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | 16QAM      | NV            | NT              | 13.69       | 0.016        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | 16QAM      | HV            | NT              | 14.62       | 0.017        | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | QPSK       | LV            | NT              | -4.95       | -0.006       | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | QPSK       | NV            | NT              | -11.49      | -0.014       | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | QPSK       | HV            | NT              | -8.57       | -0.010       | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | 16QAM      | LV            | NT              | -0.07       | 0.000        | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | 16QAM      | NV            | NT              | 10.17       | 0.012        | PASS    |
| NVNT      | Band 5 | 1.4             | 20643      | 6       | #0          | 16QAM      | HV            | NT              | 17.97       | 0.021        | PASS    |
| NVNT      | Band 5 | 3               | 20415      | 15      | #0          | QPSK       | LV            | NT              | -33.59      | -0.041       | PASS    |

|      |        |   |       |    |    |       |    |    |        |        |      |
|------|--------|---|-------|----|----|-------|----|----|--------|--------|------|
| NVNT | Band 5 | 3 | 20415 | 15 | #0 | QPSK  | NV | NT | -3.42  | -0.004 | PASS |
| NVNT | Band 5 | 3 | 20415 | 15 | #0 | QPSK  | HV | NT | 6.07   | 0.007  | PASS |
| NVNT | Band 5 | 3 | 20415 | 15 | #0 | 16QAM | LV | NT | 23.98  | 0.029  | PASS |
| NVNT | Band 5 | 3 | 20415 | 15 | #0 | 16QAM | NV | NT | 43.75  | 0.053  | PASS |
| NVNT | Band 5 | 3 | 20415 | 15 | #0 | 16QAM | HV | NT | 4.02   | 0.005  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | QPSK  | LV | NT | 13.95  | 0.017  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | QPSK  | NV | NT | 6.72   | 0.008  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | QPSK  | HV | NT | 2.88   | 0.003  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | 16QAM | LV | NT | 2.86   | 0.003  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | 16QAM | NV | NT | 5.64   | 0.007  | PASS |
| NVNT | Band 5 | 3 | 20525 | 15 | #0 | 16QAM | HV | NT | 3.30   | 0.004  | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | LV | NT | -1.85  | -0.002 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | NV | NT | -9.53  | -0.011 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | HV | NT | -5.98  | -0.007 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | LV | NT | 2.07   | 0.002  | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | NT | 11.06  | 0.013  | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | HV | NT | 15.23  | 0.018  | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | LV | NT | -34.23 | -0.041 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | NT | 4.91   | 0.006  | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | HV | NT | 24.28  | 0.029  | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | LV | NT | 37.12  | 0.045  | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | NT | 18.11  | 0.022  | PASS |

|      |        |    |       |    |    |       |    |    |        |        |      |
|------|--------|----|-------|----|----|-------|----|----|--------|--------|------|
|      | 5      |    |       |    |    |       |    |    |        |        |      |
| NVNT | Band 5 | 5  | 20425 | 25 | #0 | 16QAM | HV | NT | 29.73  | 0.036  | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | QPSK  | LV | NT | 5.79   | 0.007  | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | QPSK  | NV | NT | -0.49  | -0.001 | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | QPSK  | HV | NT | -3.79  | -0.005 | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | 16QAM | LV | NT | -2.07  | -0.002 | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | 16QAM | NV | NT | -0.29  | 0.000  | PASS |
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | 16QAM | HV | NT | -0.63  | -0.001 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | LV | NT | -6.91  | -0.008 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | NT | -13.69 | -0.016 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | HV | NT | -9.34  | -0.011 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | LV | NT | -0.62  | -0.001 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | NT | 8.35   | 0.010  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | HV | NT | 10.10  | 0.012  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | LV | NT | -27.75 | -0.033 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | NT | -31.46 | -0.038 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | HV | NT | -12.04 | -0.015 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | LV | NT | 10.19  | 0.012  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | NT | 26.69  | 0.032  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | HV | NT | 33.53  | 0.040  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | LV | NT | 3.91   | 0.005  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | NT | 0.43   | 0.001  | PASS |

|      |           |    |       |    |    |       |    |    |       |        |      |
|------|-----------|----|-------|----|----|-------|----|----|-------|--------|------|
| NVNT | Band<br>5 | 10 | 20525 | 50 | #0 | QPSK  | HV | NT | 3.32  | 0.004  | PASS |
| NVNT | Band<br>5 | 10 | 20525 | 50 | #0 | 16QAM | LV | NT | 9.27  | 0.011  | PASS |
| NVNT | Band<br>5 | 10 | 20525 | 50 | #0 | 16QAM | NV | NT | 14.03 | 0.017  | PASS |
| NVNT | Band<br>5 | 10 | 20525 | 50 | #0 | 16QAM | HV | NT | 14.22 | 0.017  | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | QPSK  | LV | NT | -4.21 | -0.005 | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | QPSK  | NV | NT | -6.38 | -0.008 | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | QPSK  | HV | NT | 4.28  | 0.005  | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | 16QAM | LV | NT | 17.14 | 0.020  | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | 16QAM | NV | NT | 27.22 | 0.032  | PASS |
| NVNT | Band<br>5 | 10 | 20600 | 50 | #0 | 16QAM | HV | NT | 29.23 | 0.035  | PASS |



| Condition | Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Verdict |
|-----------|--------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|---------|
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | -30             | 21.70       | 0.026        | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | -20             | -12.92      | -0.016       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 0               | -43.70      | -0.053       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 10              | -24.06      | -0.029       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 20              | -47.54      | -0.058       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 30              | -22.73      | -0.028       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 40              | -39.67      | -0.048       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | QPSK       | NV            | 50              | -6.25       | -0.008       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | -30             | -19.81      | -0.024       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | -20             | -24.52      | -0.030       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 0               | -28.00      | -0.034       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 10              | -32.23      | -0.039       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 20              | -36.01      | -0.044       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 30              | -41.53      | -0.050       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 40              | -44.60      | -0.054       | PASS    |
| NVNT      | Band 5 | 1.4             | 20407      | 6       | #0          | 16QAM      | NV            | 50              | -41.50      | -0.050       | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | NV            | -30             | 19.31       | 0.023        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | NV            | -20             | 23.93       | 0.029        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | NV            | 0               | 28.40       | 0.034        | PASS    |
| NVNT      | Band 5 | 1.4             | 20525      | 6       | #0          | QPSK       | NV            | 10              | 32.09       | 0.038        | PASS    |

|      |        |     |       |   |    |       |    |     |        |        |      |
|------|--------|-----|-------|---|----|-------|----|-----|--------|--------|------|
|      | 5      |     |       |   |    |       |    |     |        |        |      |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | QPSK  | NV | 20  | 35.23  | 0.042  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | QPSK  | NV | 30  | 36.75  | 0.044  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | QPSK  | NV | 40  | 40.31  | 0.048  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | QPSK  | NV | 50  | 42.97  | 0.051  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | -30 | 47.18  | 0.056  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | -20 | 4.43   | 0.005  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 0   | 11.53  | 0.014  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 10  | 17.61  | 0.021  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 20  | 23.45  | 0.028  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 30  | 27.47  | 0.033  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 40  | 32.97  | 0.039  | PASS |
| NVNT | Band 5 | 1.4 | 20525 | 6 | #0 | 16QAM | NV | 50  | 37.52  | 0.045  | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | -30 | -0.80  | -0.001 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | -20 | -18.47 | -0.022 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 0   | -32.16 | -0.038 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 10  | -45.09 | -0.053 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 20  | -7.84  | -0.009 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 30  | -19.56 | -0.023 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 40  | -28.04 | -0.033 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | QPSK  | NV | 50  | -36.32 | -0.043 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6 | #0 | 16QAM | NV | -30 | -43.34 | -0.051 | PASS |

|      |        |     |       |    |    |       |    |     |        |        |      |
|------|--------|-----|-------|----|----|-------|----|-----|--------|--------|------|
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | -20 | -45.56 | -0.054 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 0   | -45.82 | -0.054 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 10  | -1.36  | -0.002 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 20  | -3.78  | -0.004 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 30  | -4.23  | -0.005 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 40  | -6.49  | -0.008 | PASS |
| NVNT | Band 5 | 1.4 | 20643 | 6  | #0 | 16QAM | NV | 50  | -6.17  | -0.007 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | -30 | 26.91  | 0.033  | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | -20 | -17.22 | -0.021 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 0   | -16.09 | -0.019 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 10  | -40.64 | -0.049 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 20  | -16.28 | -0.020 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 30  | -34.58 | -0.042 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 40  | -8.31  | -0.010 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | QPSK  | NV | 50  | -19.48 | -0.024 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | -30 | -32.80 | -0.040 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | -20 | -35.51 | -0.043 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | 0   | -37.47 | -0.045 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | 10  | -39.07 | -0.047 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | 20  | -41.37 | -0.050 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | 30  | -42.69 | -0.052 | PASS |
| NVNT | Band 5 | 3   | 20415 | 15 | #0 | 16QAM | NV | 40  | -44.47 | -0.054 | PASS |

|      |           |   |       |    |    |       |    |     |        |        |      |
|------|-----------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 5         |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band<br>5 | 3 | 20415 | 15 | #0 | 16QAM | NV | 50  | -1.97  | -0.002 | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | -30 | 19.35  | 0.023  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | -20 | 27.22  | 0.033  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 0   | 32.42  | 0.039  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 10  | 38.01  | 0.045  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 20  | 42.49  | 0.051  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 30  | 47.01  | 0.056  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 40  | 23.22  | 0.028  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | QPSK  | NV | 50  | 6.64   | 0.008  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | -30 | 10.81  | 0.013  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | -20 | 18.78  | 0.022  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 0   | 28.31  | 0.034  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 10  | 35.26  | 0.042  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 20  | 42.59  | 0.051  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 30  | 0.44   | 0.001  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 40  | 6.11   | 0.007  | PASS |
| NVNT | Band<br>5 | 3 | 20525 | 15 | #0 | 16QAM | NV | 50  | 12.16  | 0.015  | PASS |
| NVNT | Band<br>5 | 3 | 20635 | 15 | #0 | QPSK  | NV | -30 | 6.45   | 0.008  | PASS |
| NVNT | Band<br>5 | 3 | 20635 | 15 | #0 | QPSK  | NV | -20 | -5.31  | -0.006 | PASS |
| NVNT | Band<br>5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 0   | -16.69 | -0.020 | PASS |
| NVNT | Band<br>5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 10  | -27.01 | -0.032 | PASS |

|      |        |   |       |    |    |       |    |     |        |        |      |
|------|--------|---|-------|----|----|-------|----|-----|--------|--------|------|
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 20  | -36.15 | -0.043 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 30  | -43.33 | -0.051 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 40  | -4.23  | -0.005 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | QPSK  | NV | 50  | -10.06 | -0.012 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | -30 | -13.93 | -0.016 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | -20 | -12.62 | -0.015 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 0   | -10.09 | -0.012 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 10  | -8.30  | -0.010 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 20  | -6.14  | -0.007 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 30  | -4.92  | -0.006 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 40  | -2.27  | -0.003 | PASS |
| NVNT | Band 5 | 3 | 20635 | 15 | #0 | 16QAM | NV | 50  | -1.19  | -0.001 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | -30 | 0.46   | 0.001  | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | -20 | -37.85 | -0.046 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 0   | -31.99 | -0.039 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 10  | -20.59 | -0.025 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 20  | -46.02 | -0.056 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 30  | -16.78 | -0.020 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 40  | -34.90 | -0.042 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | QPSK  | NV | 50  | -1.66  | -0.002 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | -30 | -14.72 | -0.018 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | -20 | -18.12 | -0.022 | PASS |

|      |        |   |       |    |    |       |    |     |        |        |      |
|------|--------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 5      |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 0   | -20.27 | -0.025 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 10  | -22.56 | -0.027 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 20  | -25.35 | -0.031 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 30  | -27.91 | -0.034 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 40  | -29.10 | -0.035 | PASS |
| NVNT | Band 5 | 5 | 20425 | 25 | #0 | 16QAM | NV | 50  | -32.04 | -0.039 | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | -30 | 22.96  | 0.027  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | -20 | 32.00  | 0.038  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 0   | 38.62  | 0.046  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 10  | 19.71  | 0.024  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 20  | -1.33  | -0.002 | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 30  | 0.79   | 0.001  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 40  | 3.81   | 0.005  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | QPSK  | NV | 50  | 6.48   | 0.008  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | -30 | 10.13  | 0.012  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | -20 | 21.41  | 0.026  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | 0   | 32.34  | 0.039  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | 10  | 42.16  | 0.050  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | 20  | 1.44   | 0.002  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | 30  | 9.01   | 0.011  | PASS |
| NVNT | Band 5 | 5 | 20525 | 25 | #0 | 16QAM | NV | 40  | 16.22  | 0.019  | PASS |

|      |        |    |       |    |    |       |    |     |        |        |      |
|------|--------|----|-------|----|----|-------|----|-----|--------|--------|------|
| NVNT | Band 5 | 5  | 20525 | 25 | #0 | 16QAM | NV | 50  | 21.63  | 0.026  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | -30 | 8.38   | 0.010  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | -20 | -5.01  | -0.006 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 0   | -14.89 | -0.018 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 10  | -25.08 | -0.030 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 20  | -34.40 | -0.041 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 30  | -40.53 | -0.048 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 40  | -45.88 | -0.054 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | QPSK  | NV | 50  | -5.54  | -0.007 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | -30 | -9.28  | -0.011 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | -20 | -5.35  | -0.006 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 0   | -2.36  | -0.003 | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 10  | 1.96   | 0.002  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 20  | 5.75   | 0.007  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 30  | 5.59   | 0.007  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 40  | 8.14   | 0.010  | PASS |
| NVNT | Band 5 | 5  | 20625 | 25 | #0 | 16QAM | NV | 50  | 8.60   | 0.010  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | -30 | 7.37   | 0.009  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | -20 | -31.16 | -0.038 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 0   | -10.24 | -0.012 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 10  | -32.59 | -0.039 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 20  | -24.65 | -0.030 | PASS |

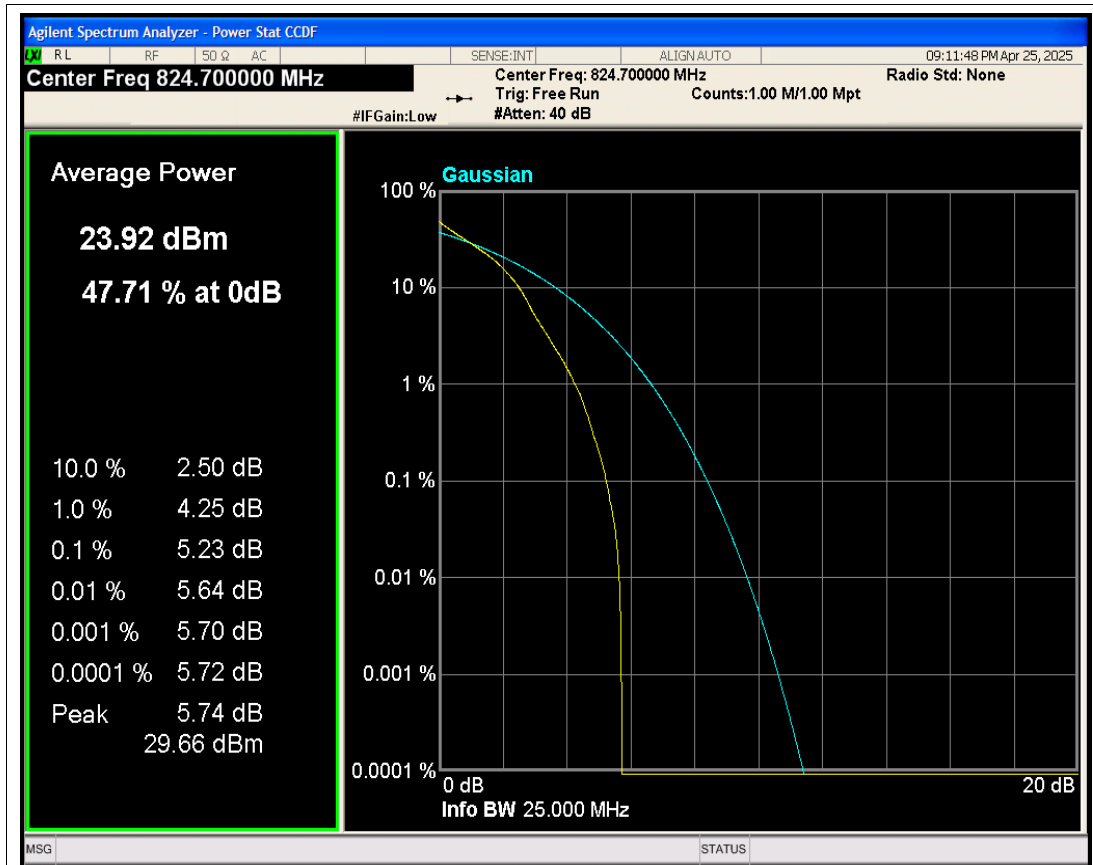
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|------|--------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 5      |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 30  | -21.69 | -0.026 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 40  | -32.14 | -0.039 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | QPSK  | NV | 50  | -43.42 | -0.052 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | -30 | -4.13  | -0.005 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | -20 | -3.22  | -0.004 | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 0   | -0.13  | 0.000  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 10  | 2.02   | 0.002  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 20  | 1.54   | 0.002  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 30  | 0.33   | 0.000  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 40  | 0.54   | 0.001  | PASS |
| NVNT | Band 5 | 10 | 20450 | 50 | #0 | 16QAM | NV | 50  | 1.36   | 0.002  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | -30 | 12.37  | 0.015  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | -20 | 11.06  | 0.013  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 0   | 8.88   | 0.011  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 10  | 6.31   | 0.008  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 20  | 6.90   | 0.008  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 30  | 7.20   | 0.009  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 40  | 6.07   | 0.007  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 50  | 2.86   | 0.003  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | -30 | 5.08   | 0.006  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | -20 | 14.42  | 0.017  | PASS |

|      |        |    |       |    |    |       |    |     |        |        |      |
|------|--------|----|-------|----|----|-------|----|-----|--------|--------|------|
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 0   | 19.97  | 0.024  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 10  | 26.39  | 0.032  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 20  | 32.23  | 0.039  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 30  | 37.31  | 0.045  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 40  | 43.82  | 0.052  | PASS |
| NVNT | Band 5 | 10 | 20525 | 50 | #0 | 16QAM | NV | 50  | -1.34  | -0.002 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | -30 | 4.05   | 0.005  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | -20 | -16.94 | -0.020 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 0   | -34.53 | -0.041 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 10  | -36.38 | -0.043 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 20  | -17.25 | -0.020 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 30  | -28.91 | -0.034 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 40  | -39.12 | -0.046 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 50  | -45.92 | -0.054 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | -30 | -0.93  | -0.001 | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | -20 | 5.05   | 0.006  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 0   | 8.18   | 0.010  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 10  | 10.67  | 0.013  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 20  | 12.13  | 0.014  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 30  | 13.98  | 0.017  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 40  | 16.48  | 0.020  | PASS |
| NVNT | Band 5 | 10 | 20600 | 50 | #0 | 16QAM | NV | 50  | 15.61  | 0.018  | PASS |

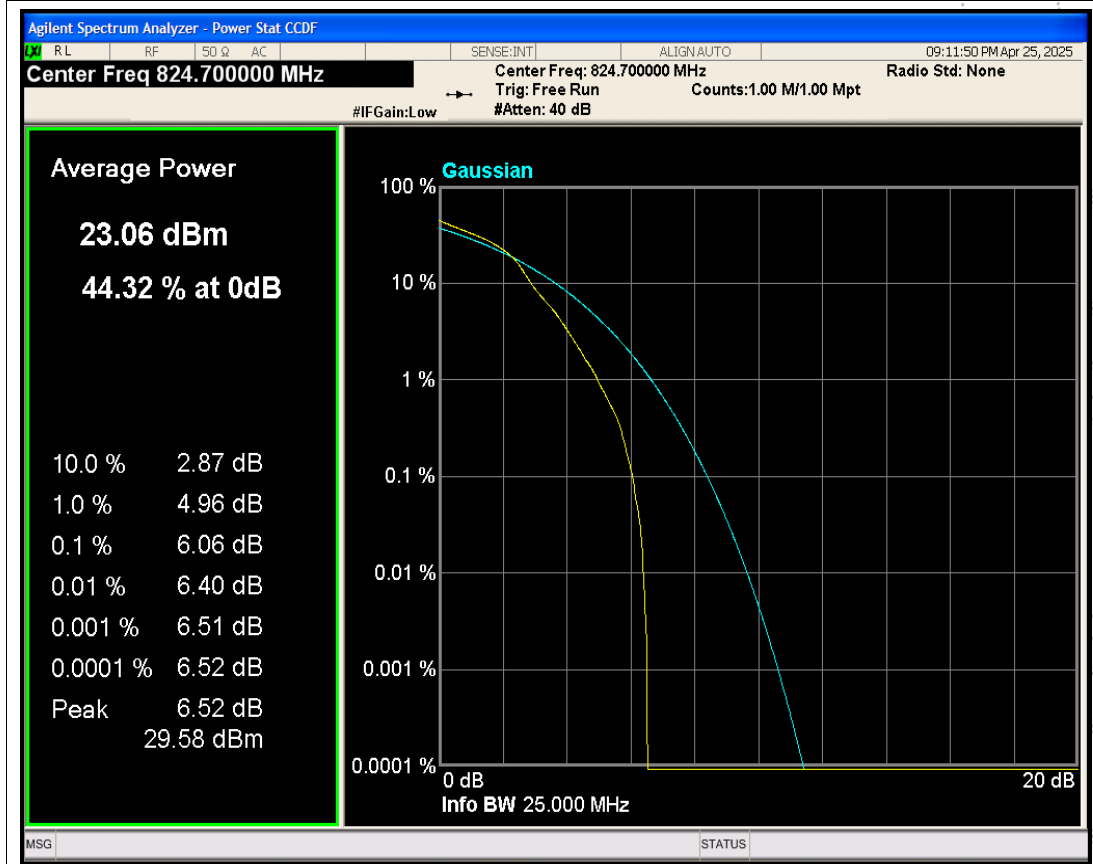
|  |   |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|
|  | 5 |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|

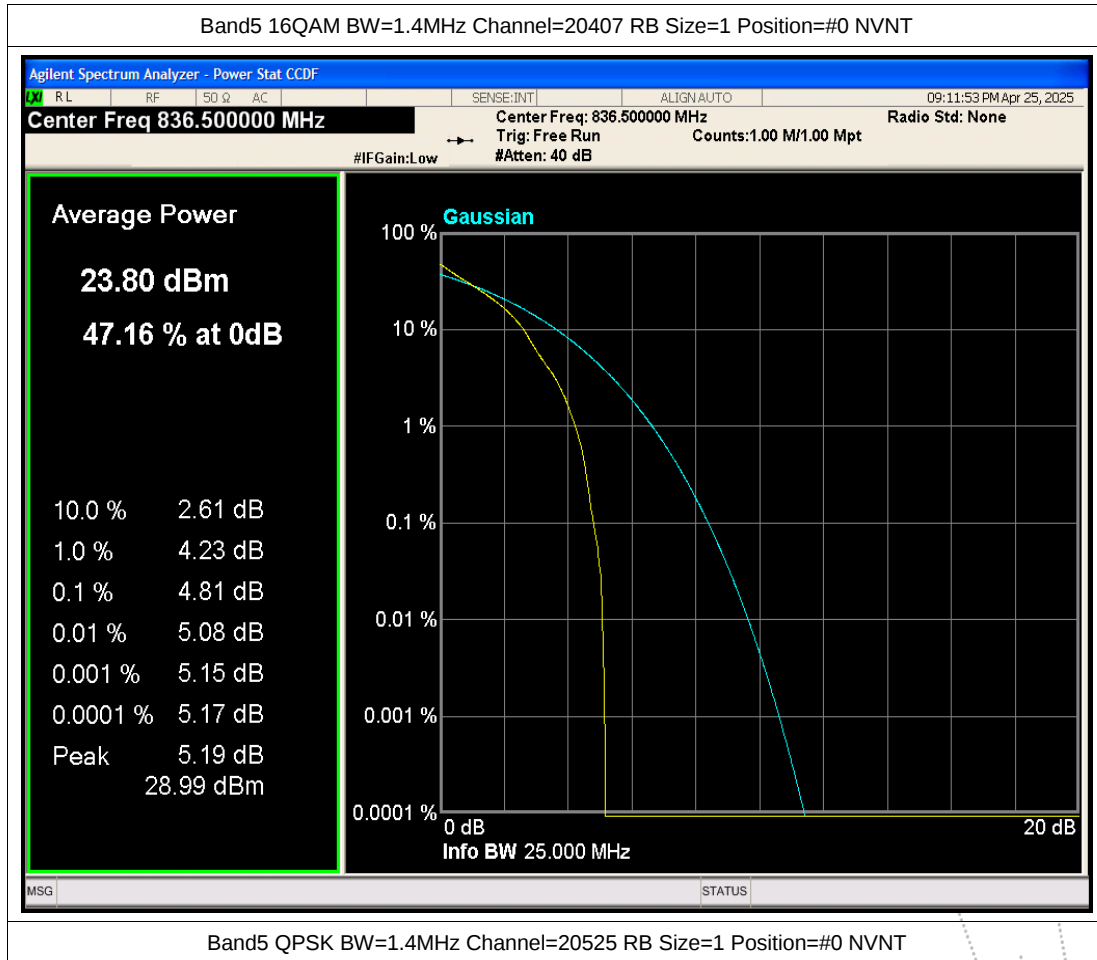
### Appendix 3. Peak-to-Average Ratio

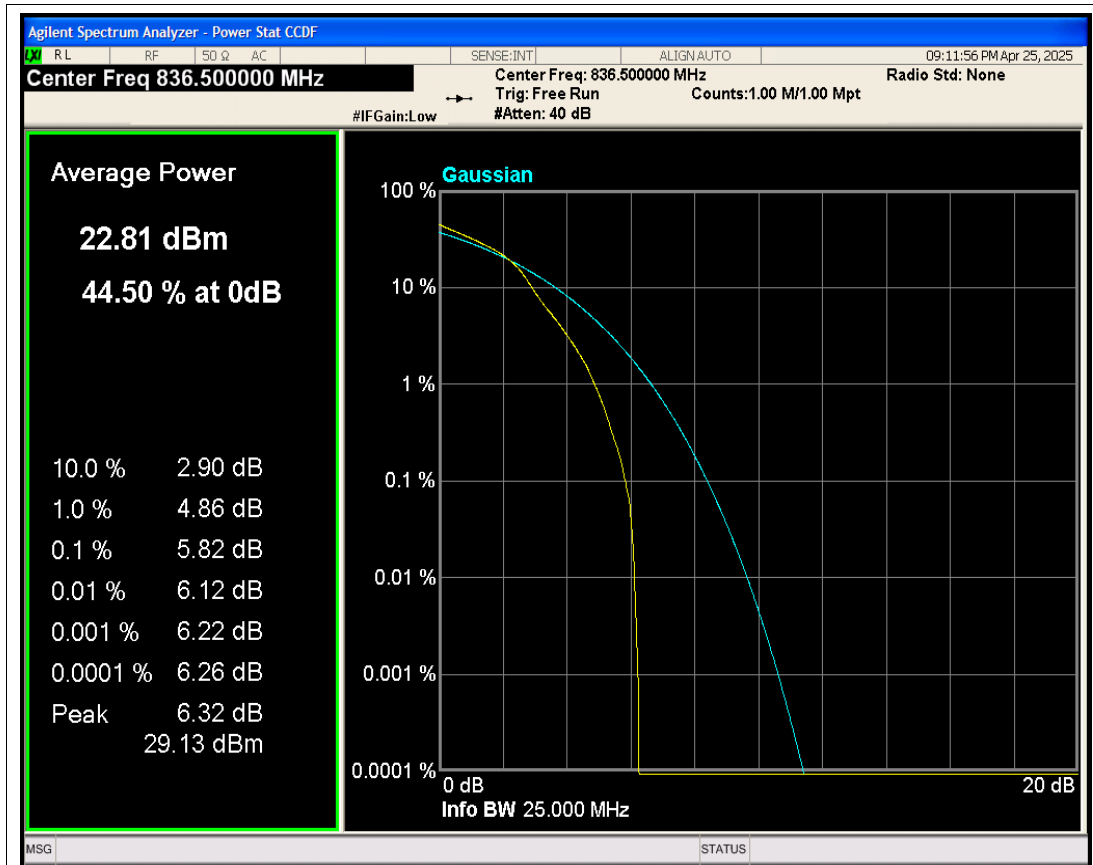
| Condition | Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Result<br>(dB) | high<br>Limit<br>(dB) | Verdict |
|-----------|-------|--------------------|---------------|------------|----------------|------------|----------------|-----------------------|---------|
| NVNT      | Band5 | 1.4                | 20407         | 1          | #0             | QPSK       | 5.23           | 13                    | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 1          | #0             | 16QAM      | 6.06           | 13                    | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #0             | QPSK       | 4.81           | 13                    | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 1          | #0             | 16QAM      | 5.82           | 13                    | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 1          | #0             | QPSK       | 4.93           | 13                    | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 1          | #0             | 16QAM      | 5.76           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 1          | #0             | QPSK       | 5.14           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 1          | #0             | 16QAM      | 6.10           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 1          | #0             | QPSK       | 4.78           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 1          | #0             | 16QAM      | 5.24           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 1          | #0             | QPSK       | 4.59           | 13                    | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 1          | #0             | 16QAM      | 5.54           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 1          | #0             | QPSK       | 5.35           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 1          | #0             | 16QAM      | 5.97           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 1          | #0             | QPSK       | 4.79           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 1          | #0             | 16QAM      | 5.43           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 1          | #0             | QPSK       | 5.30           | 13                    | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 1          | #0             | 16QAM      | 6.12           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 1          | #0             | QPSK       | 5.09           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 1          | #0             | 16QAM      | 6.13           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 1          | #0             | QPSK       | 4.82           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 1          | #0             | 16QAM      | 5.83           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 1          | #0             | QPSK       | 5.32           | 13                    | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 1          | #0             | 16QAM      | 5.97           | 13                    | PASS    |



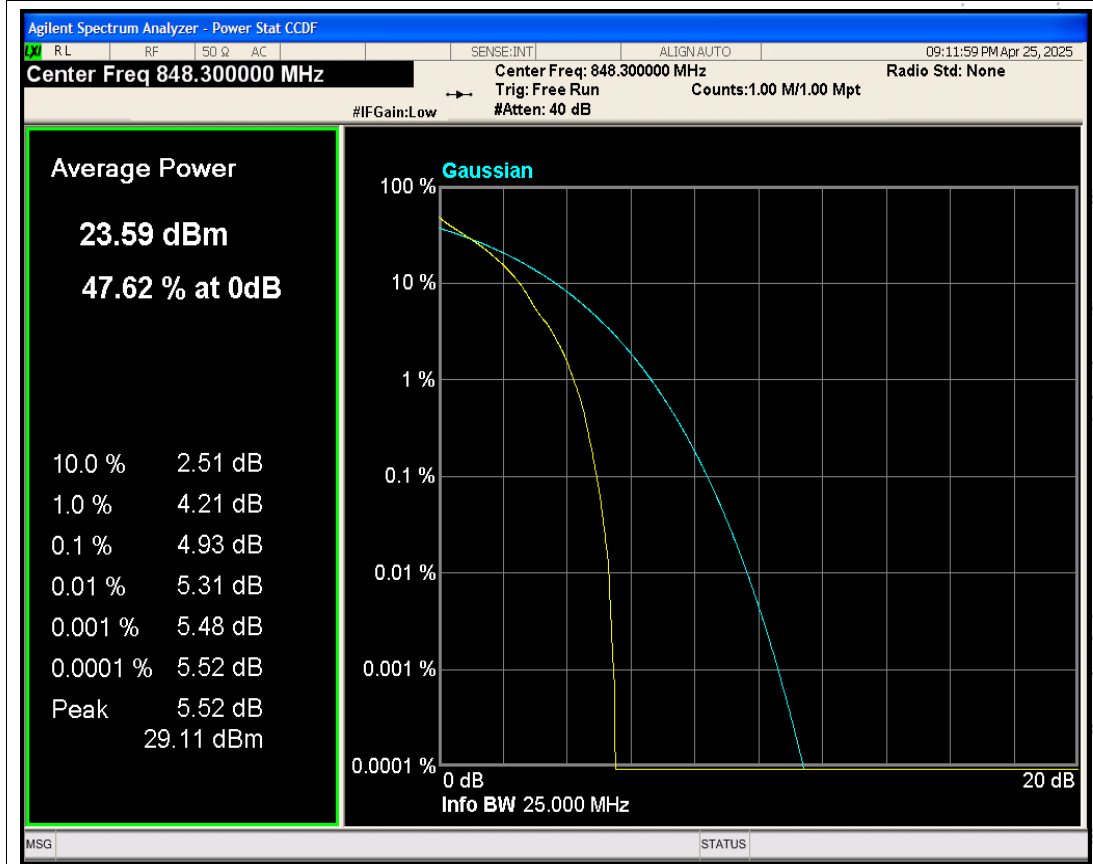
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT

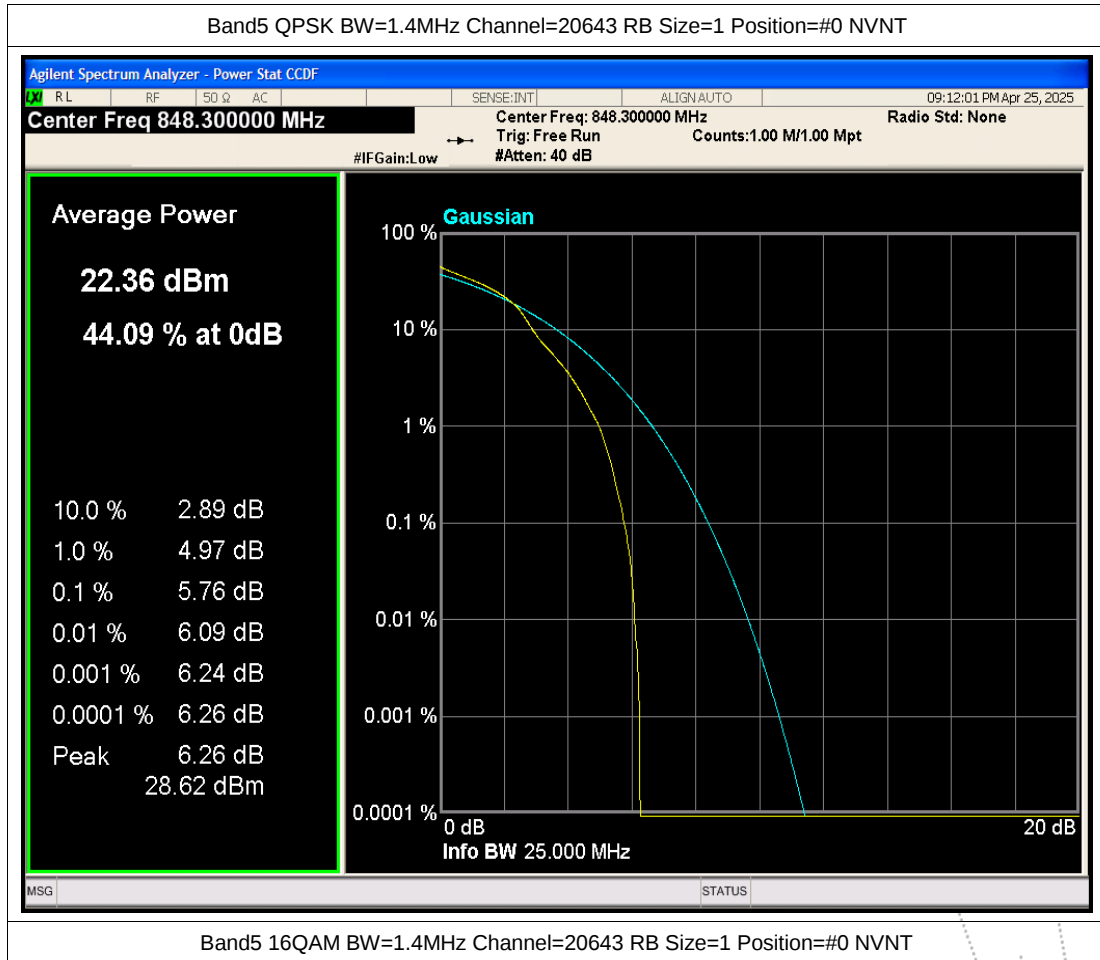


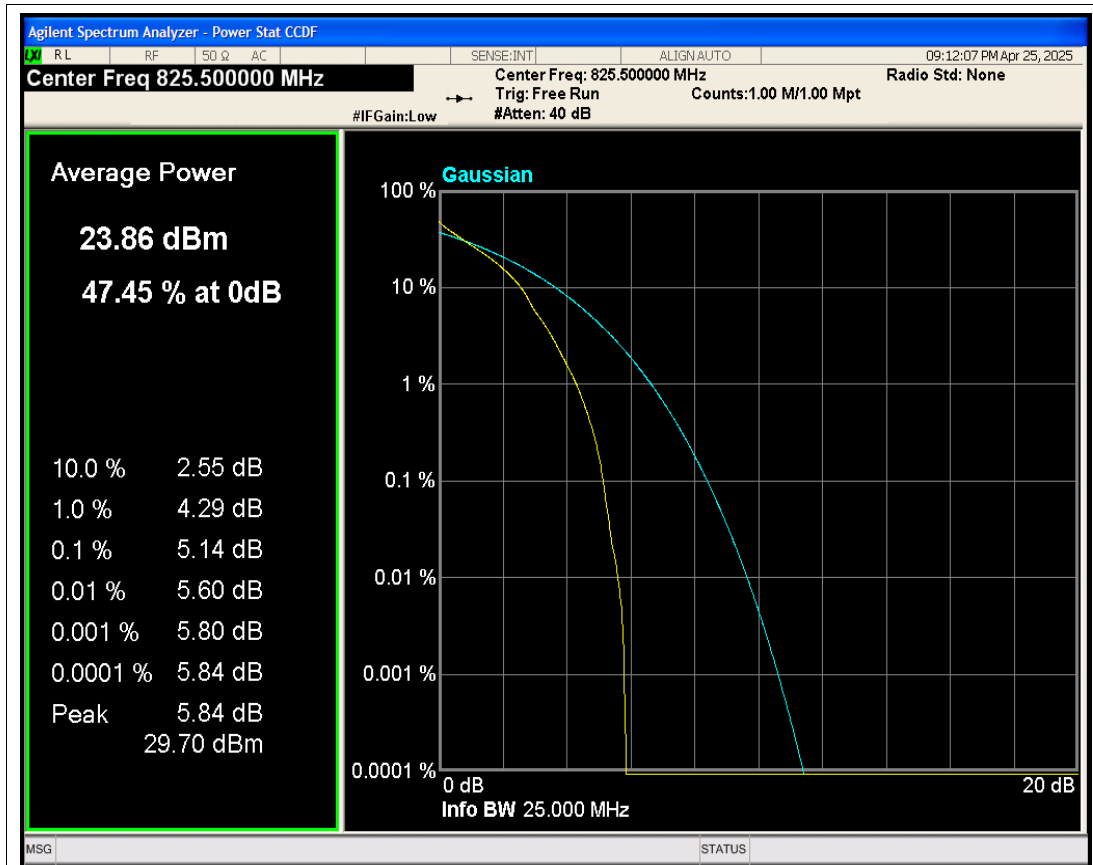




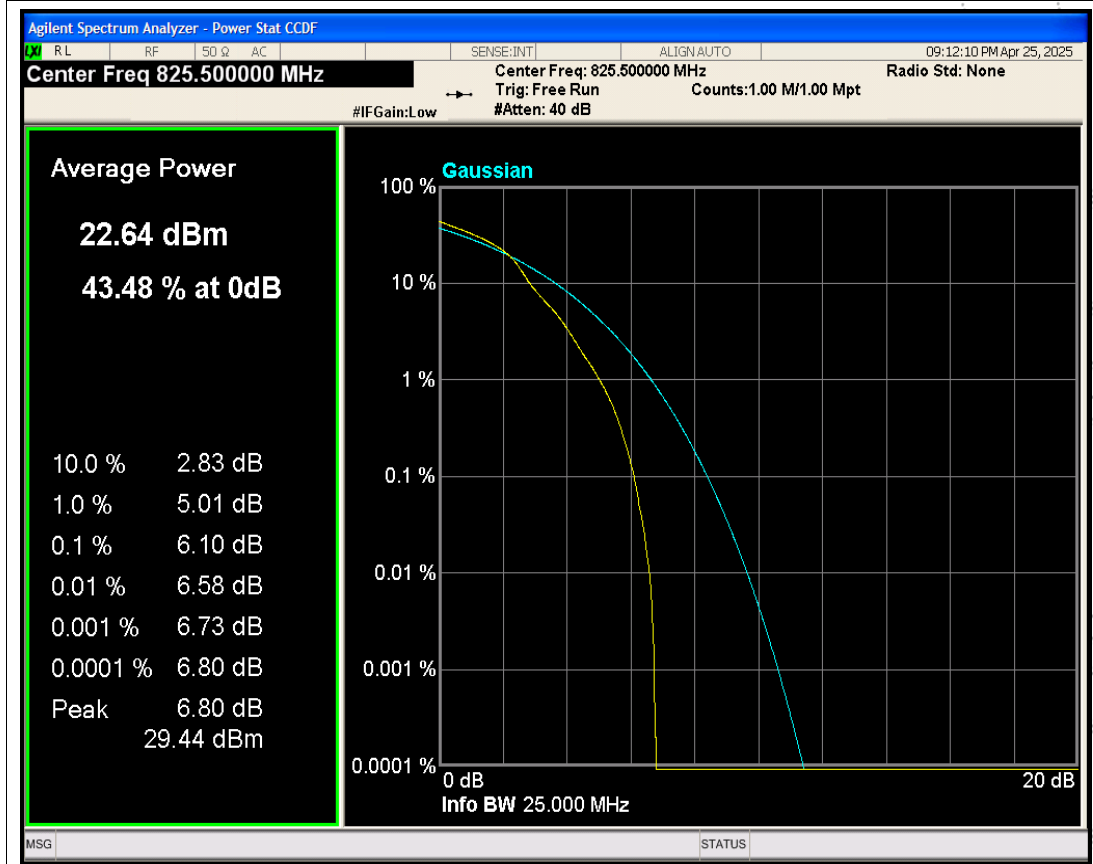
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT

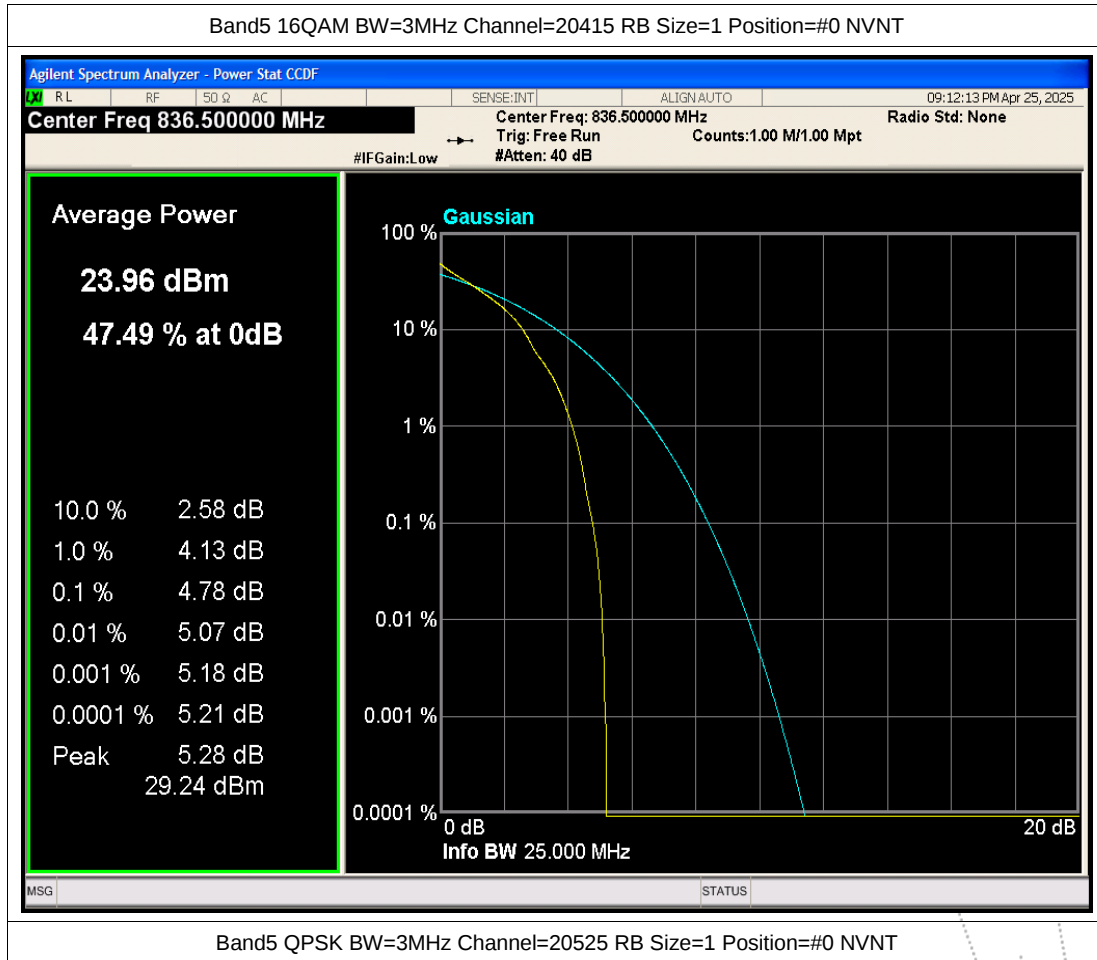


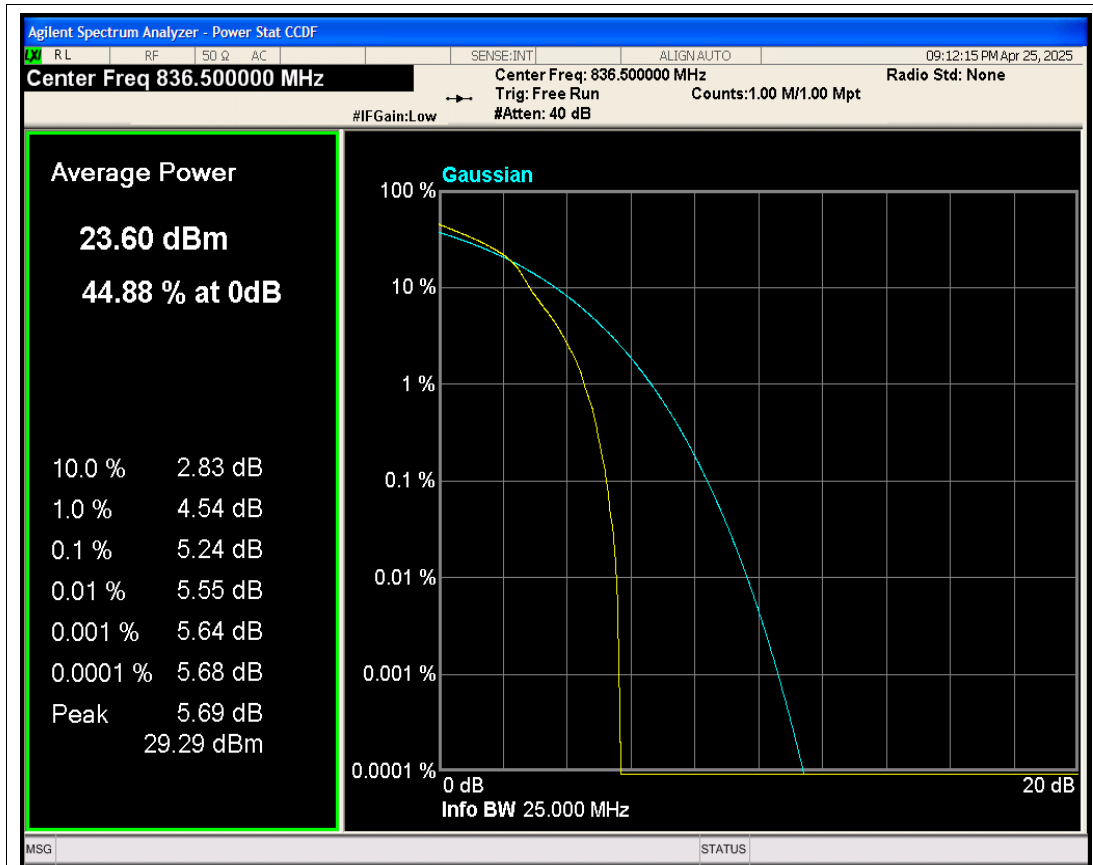




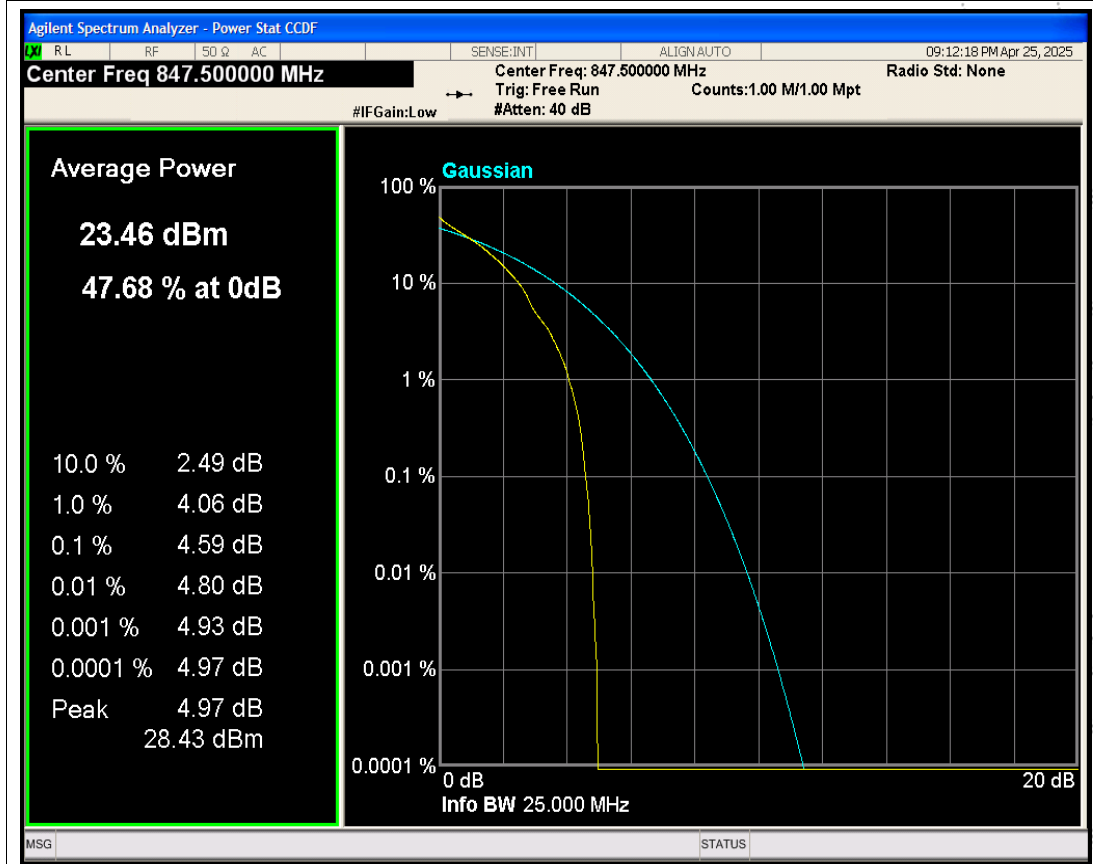
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 NVNT



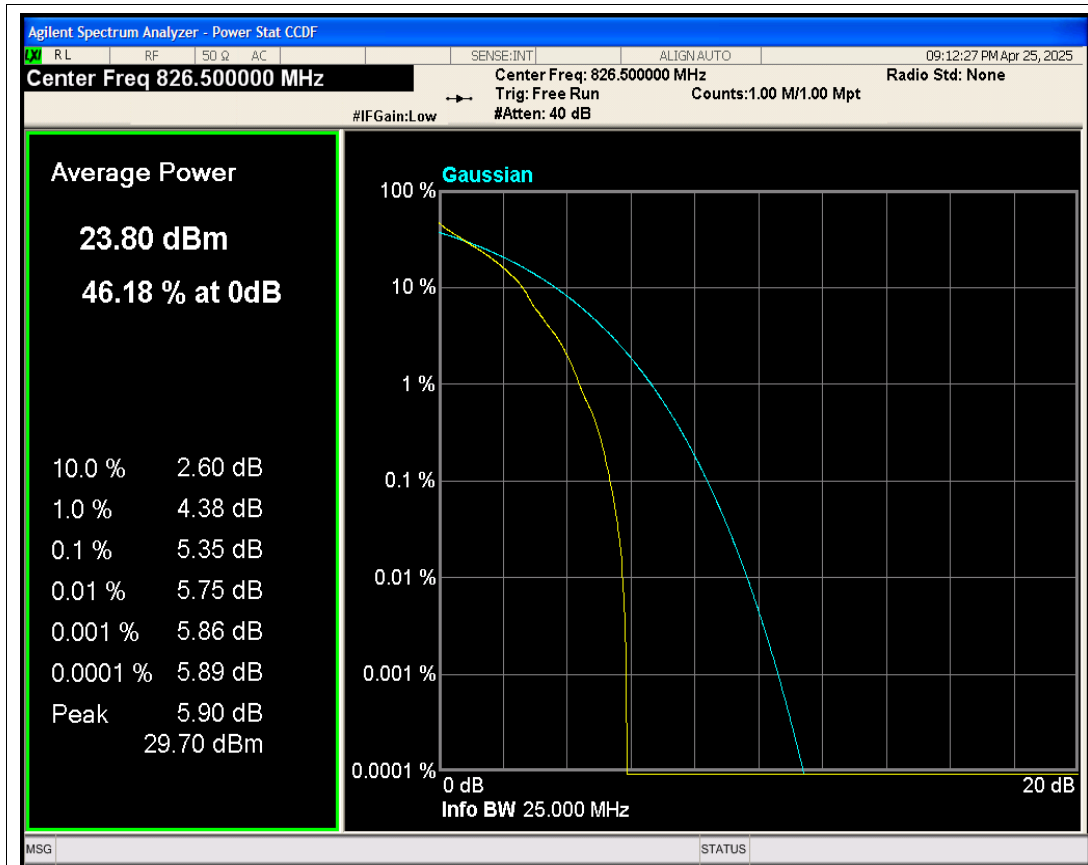




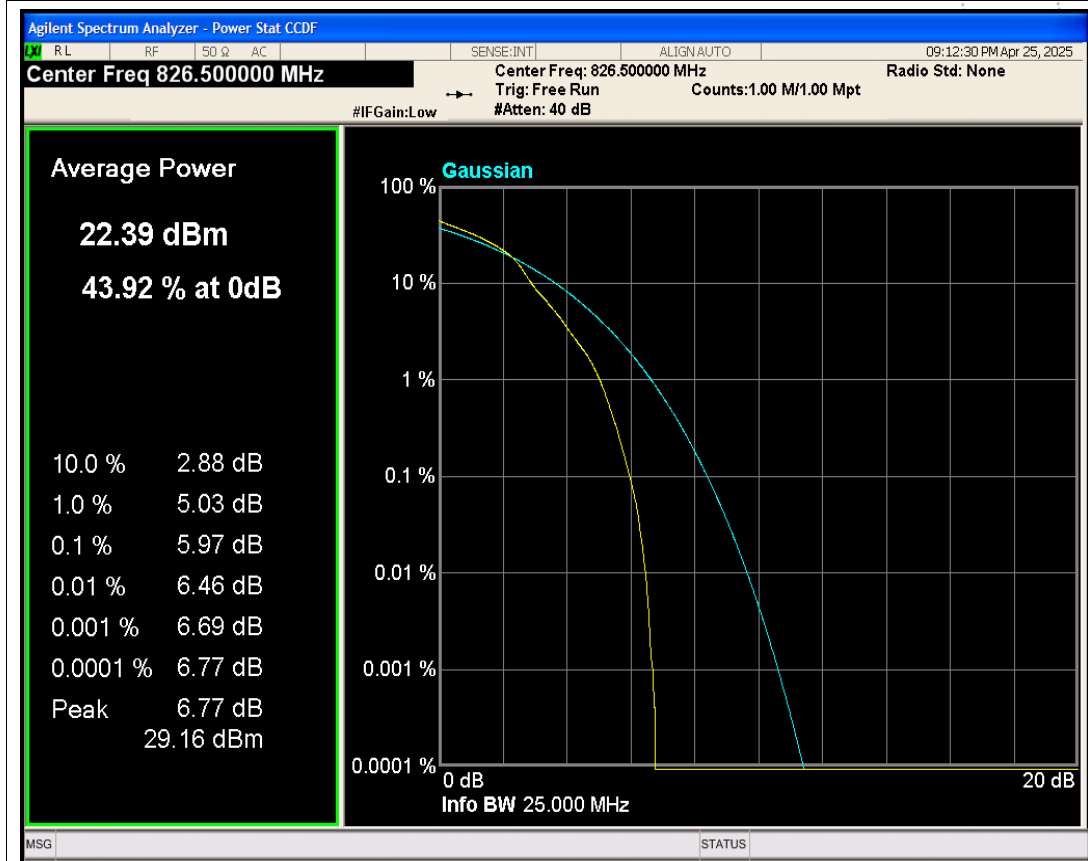
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0 NVNT

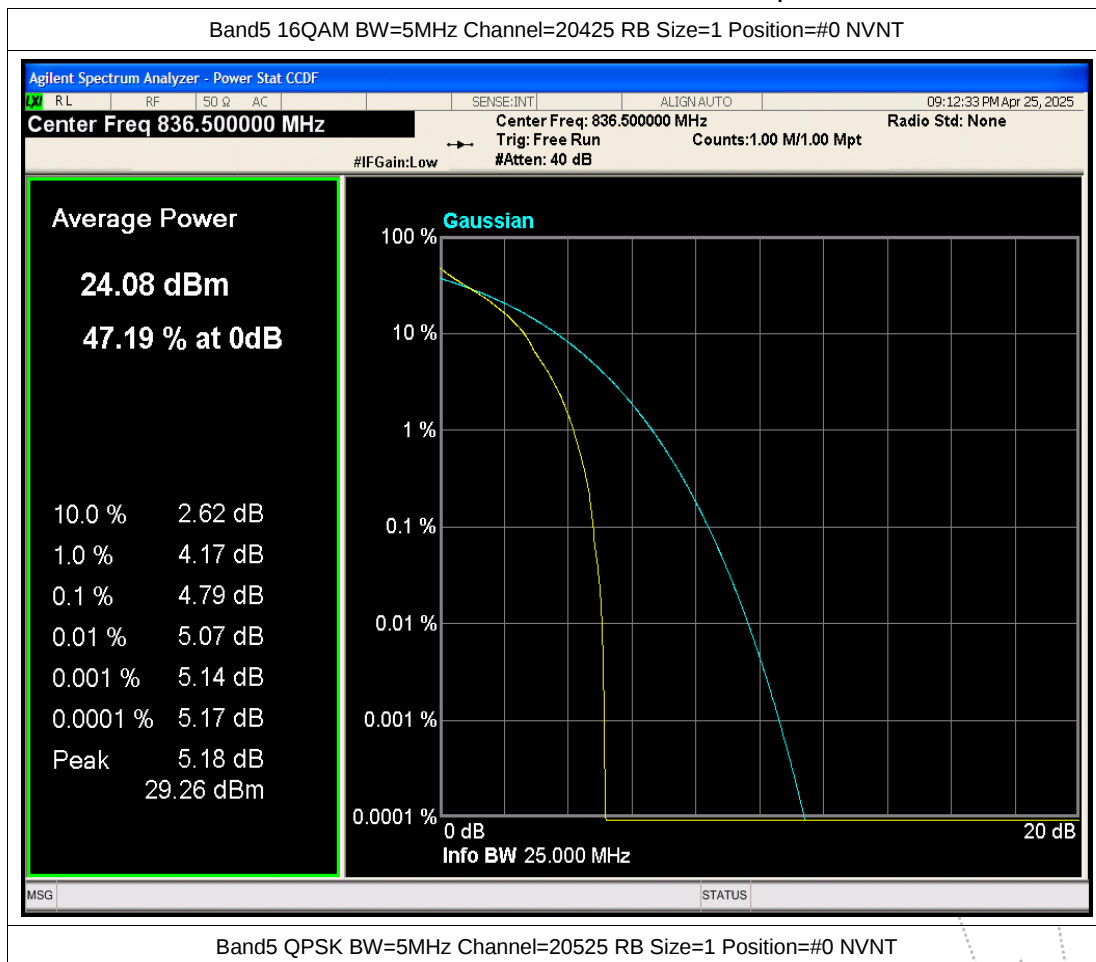


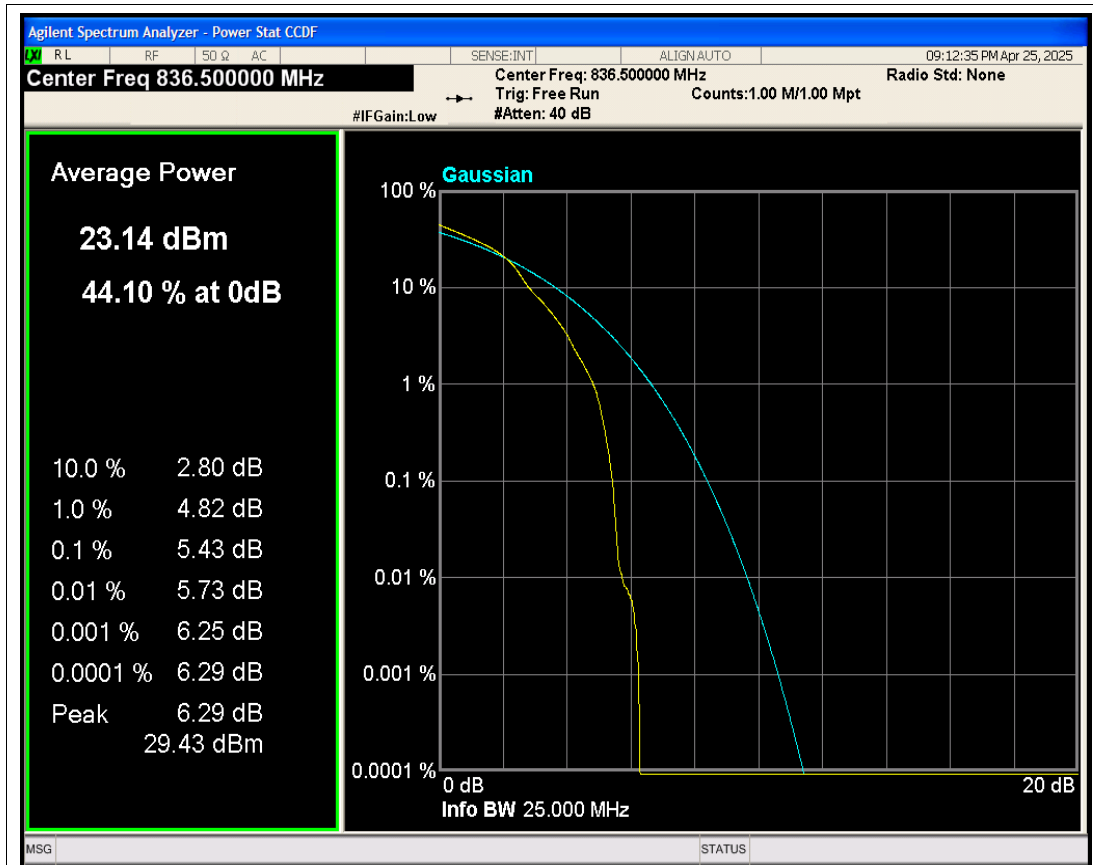




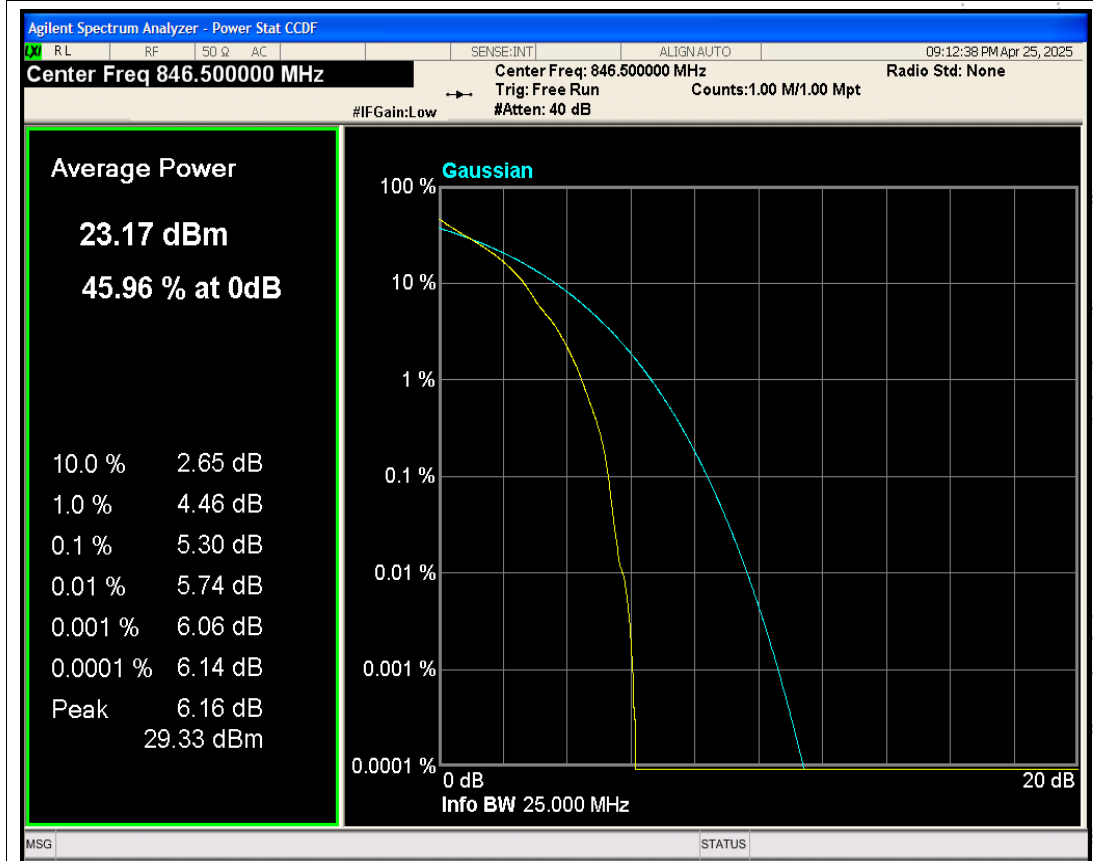
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT

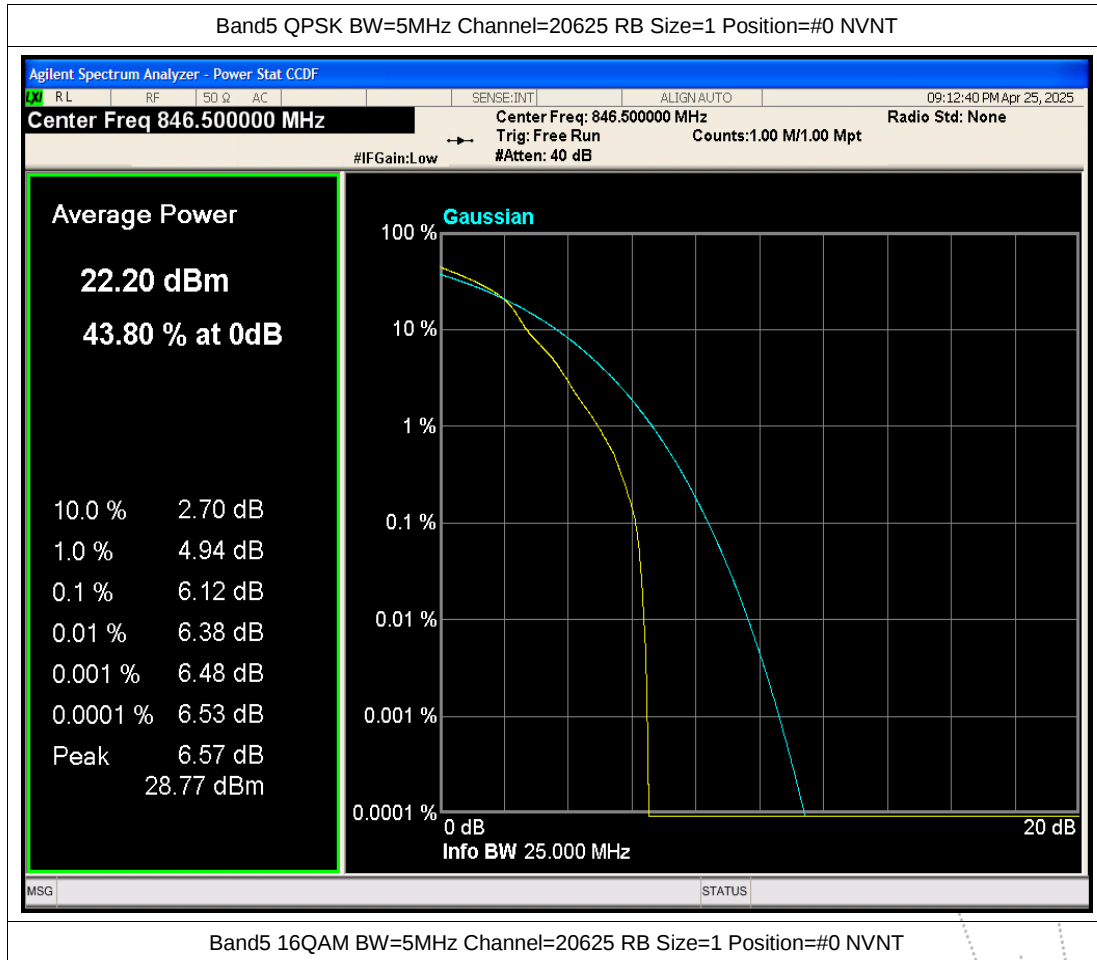


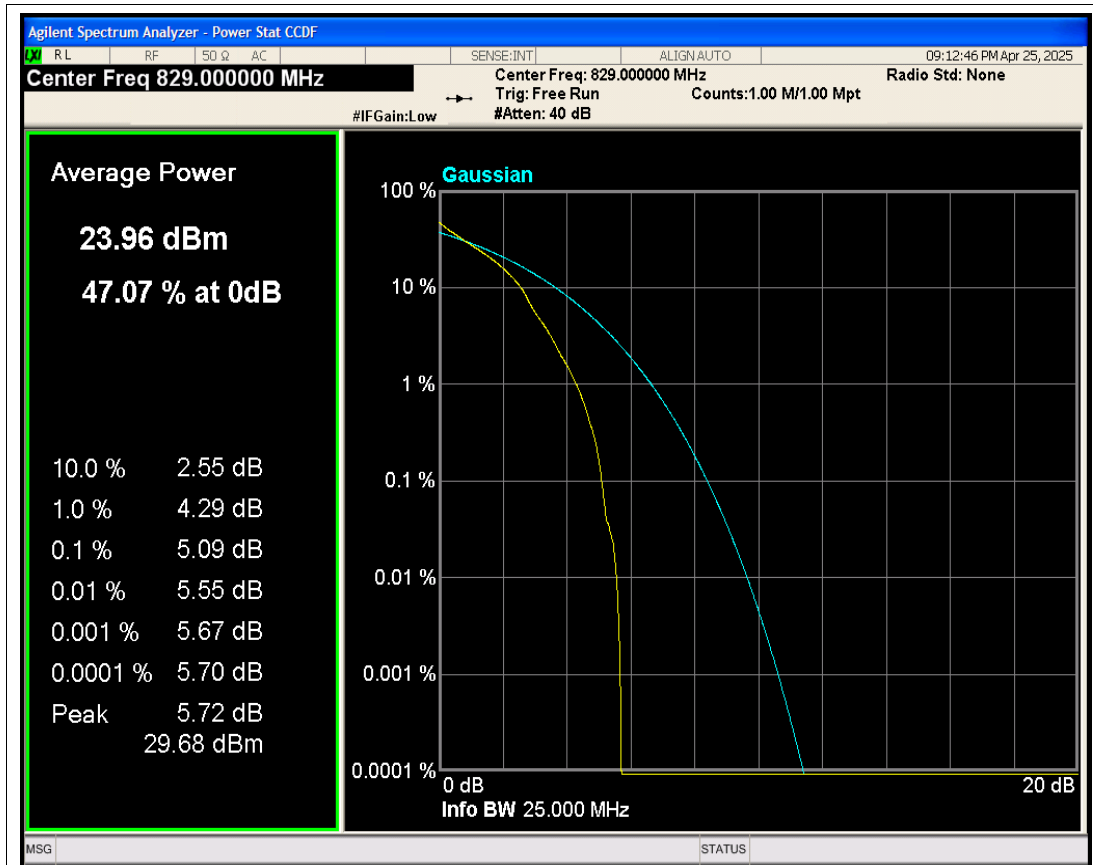




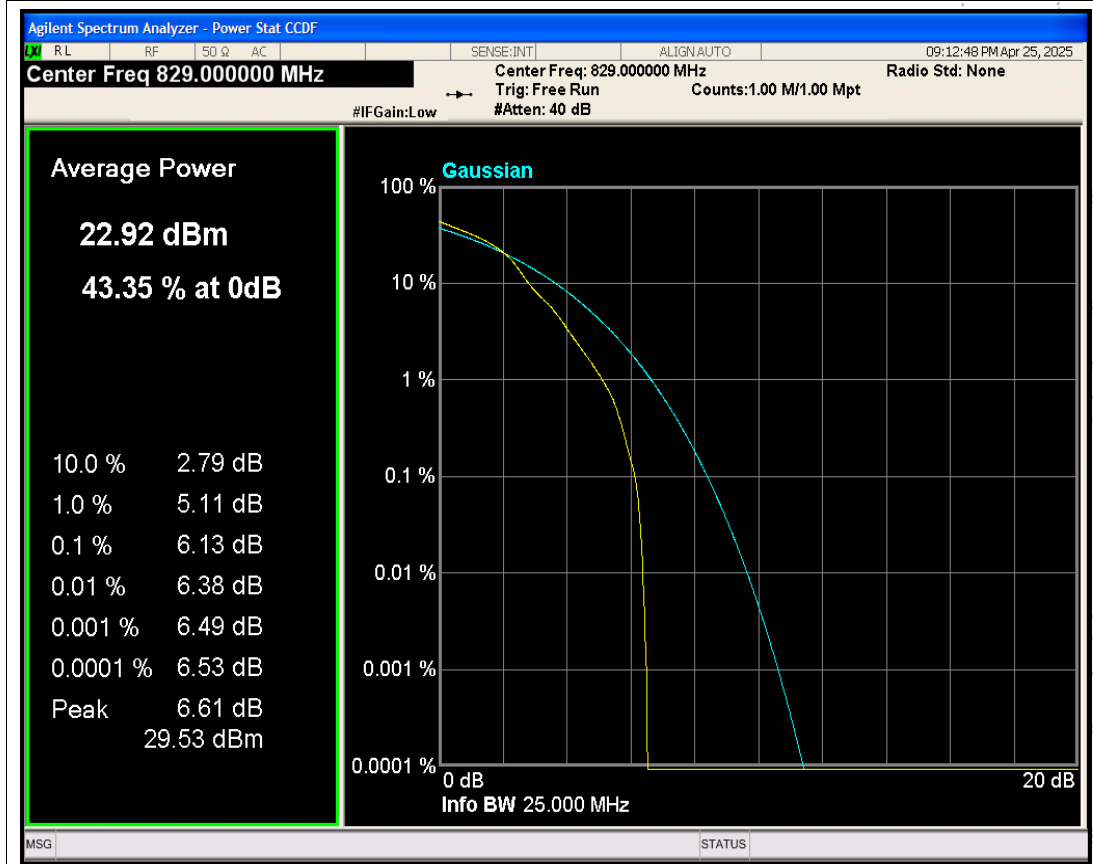
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0 NVNT

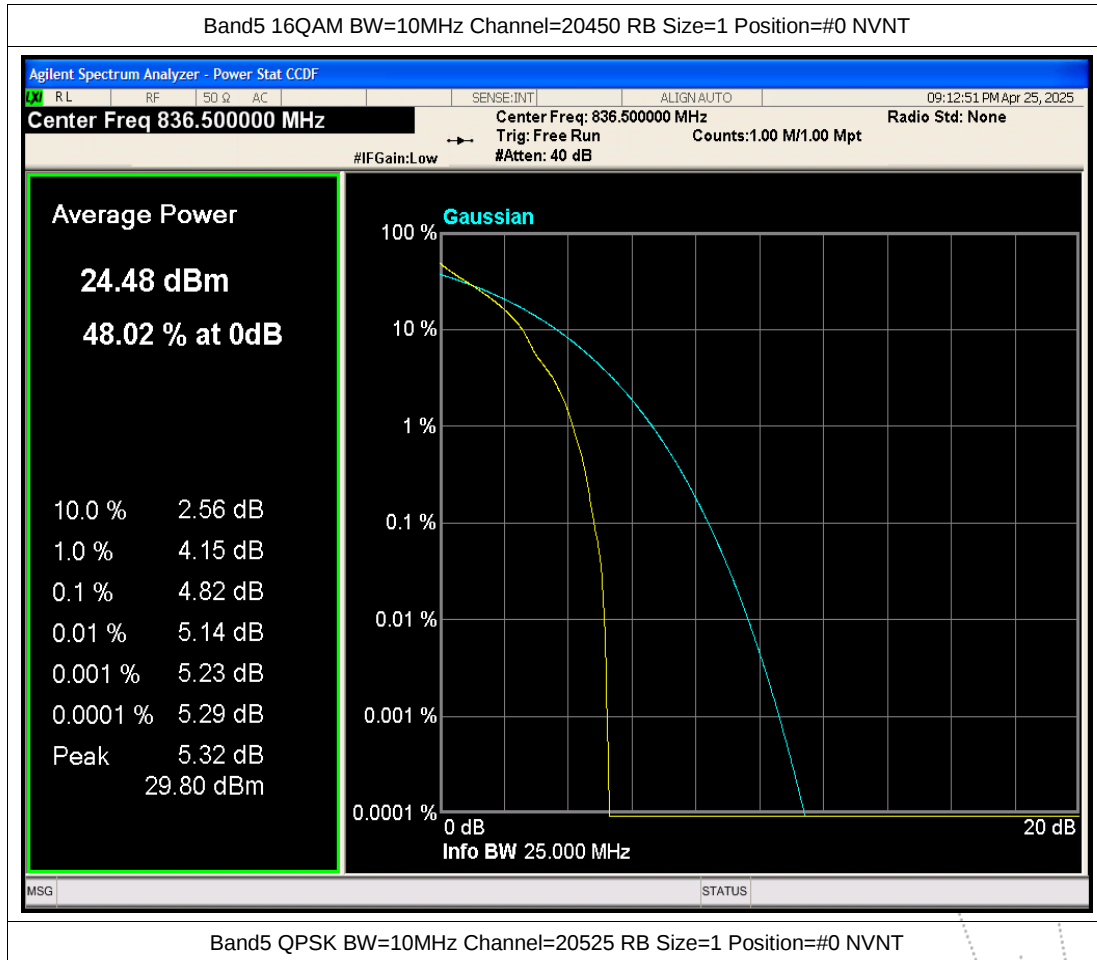


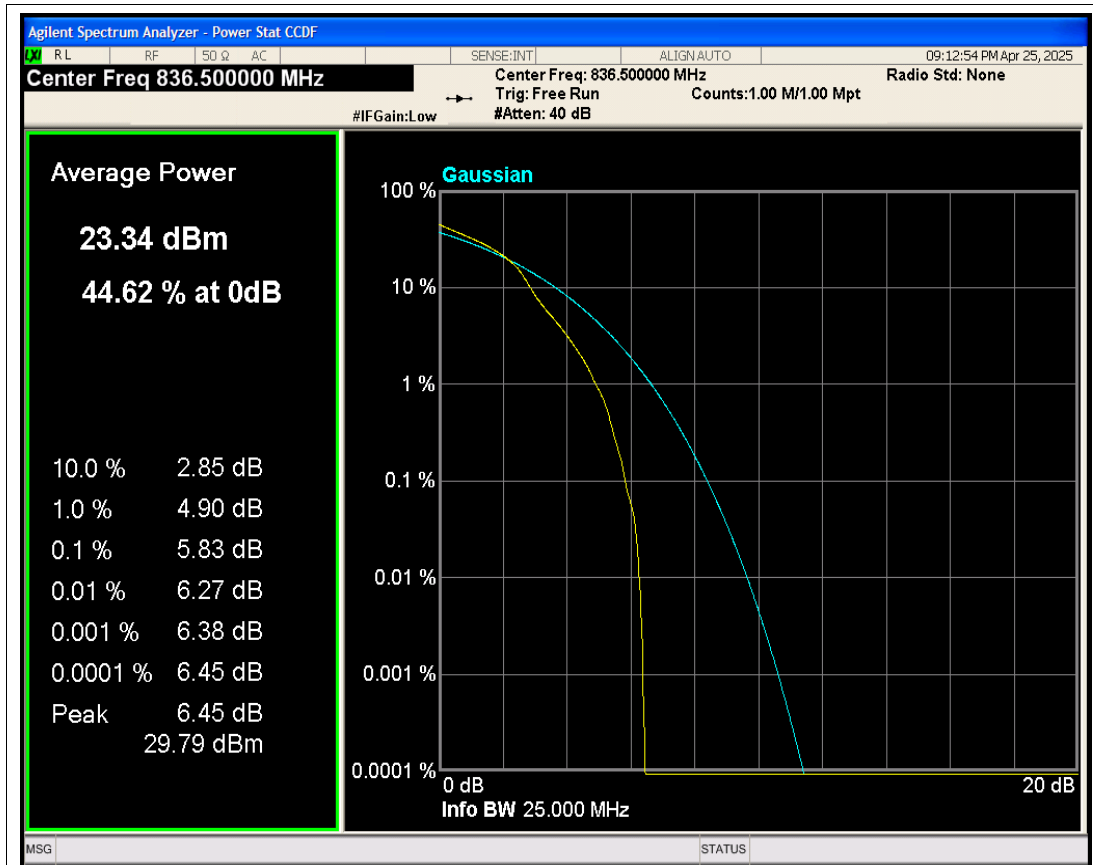




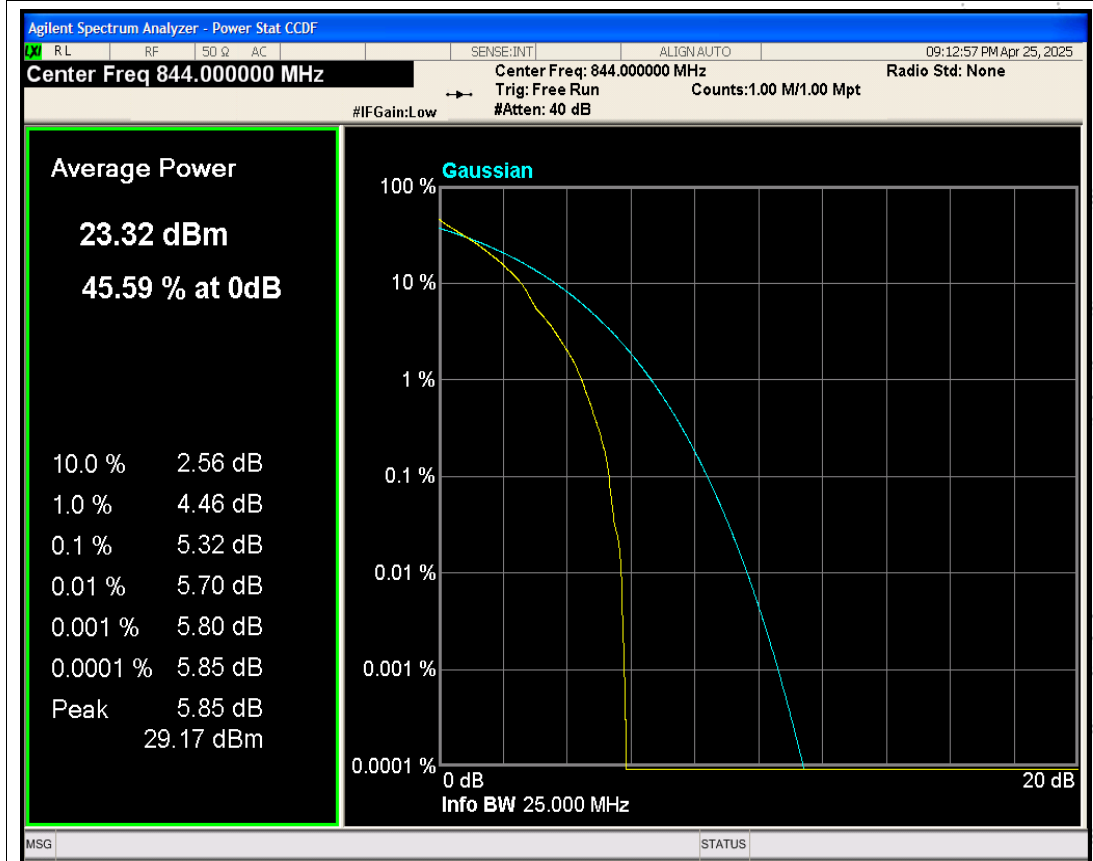
Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

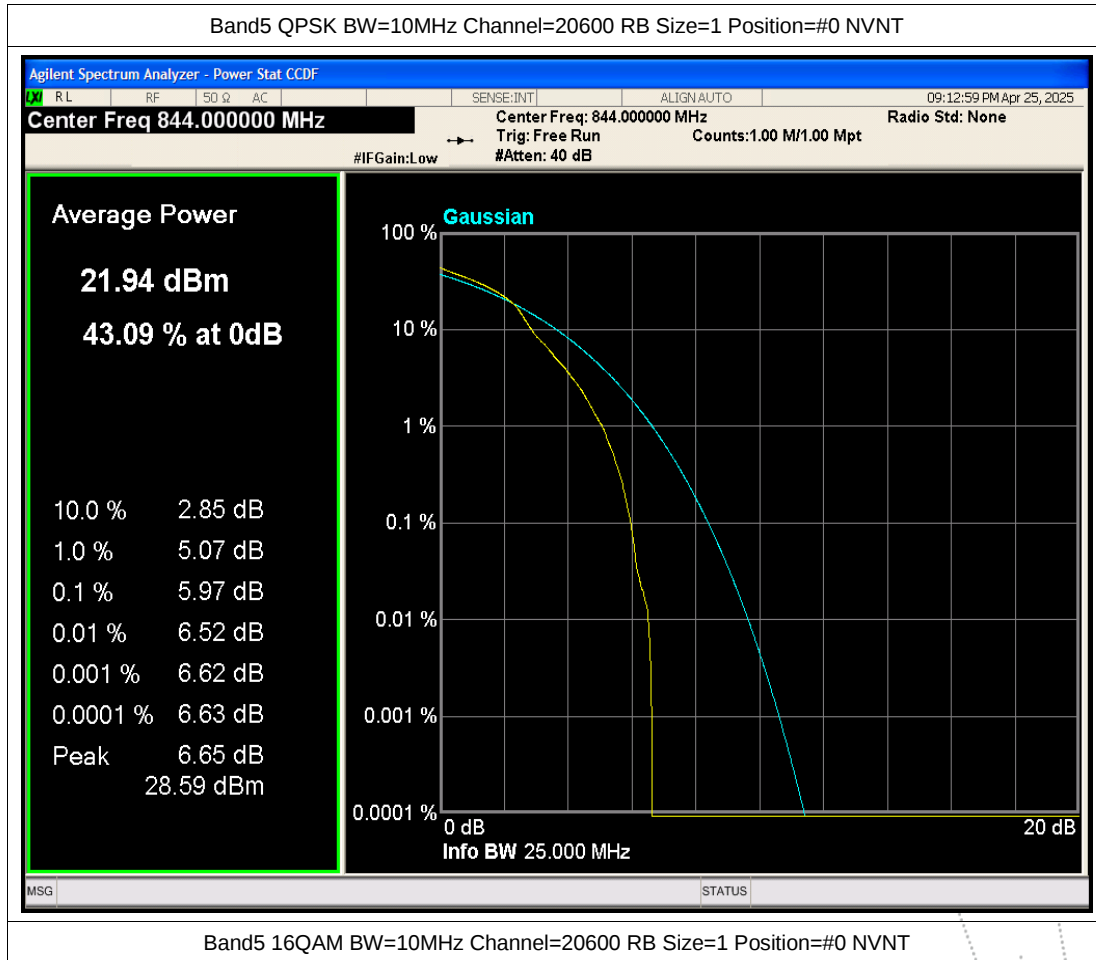






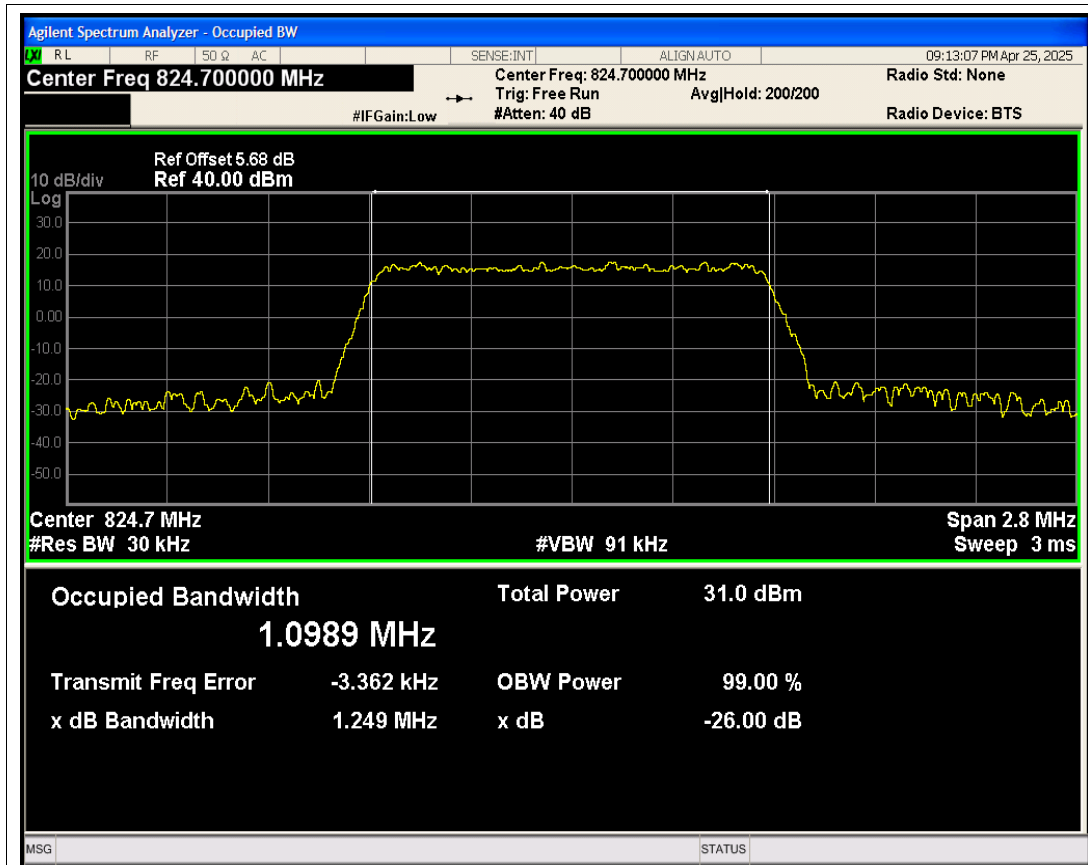
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT



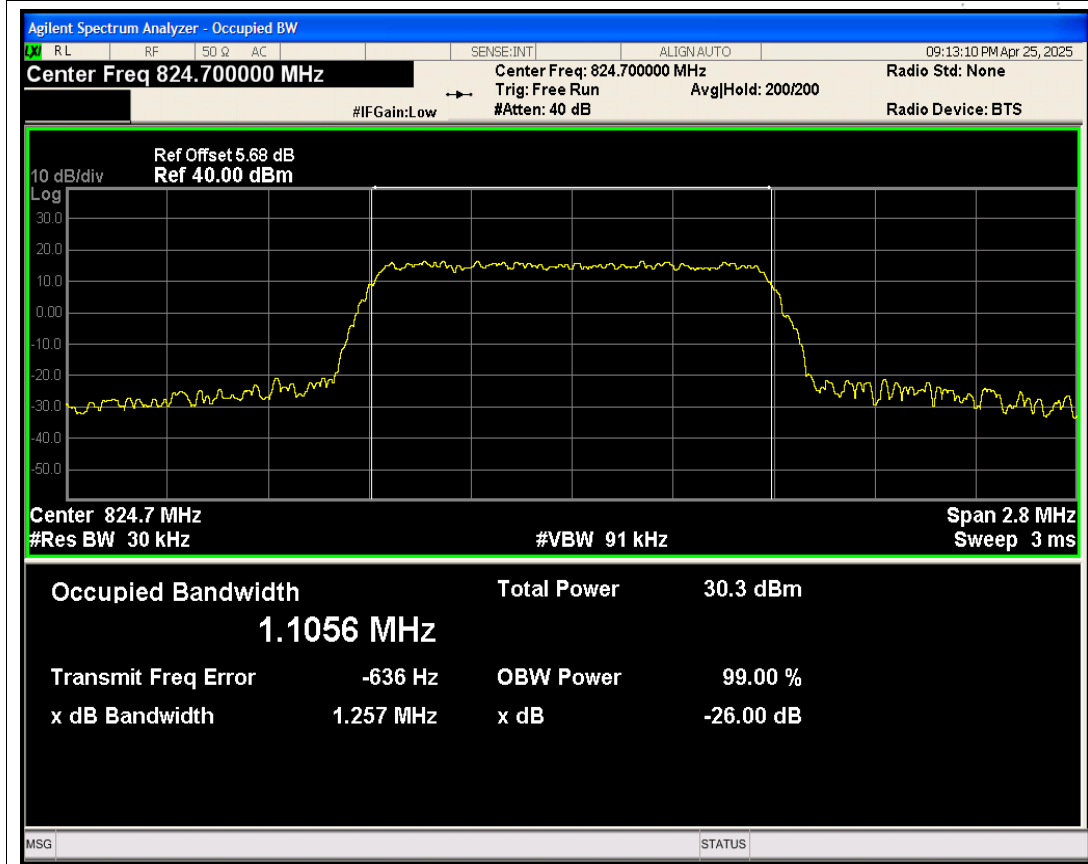


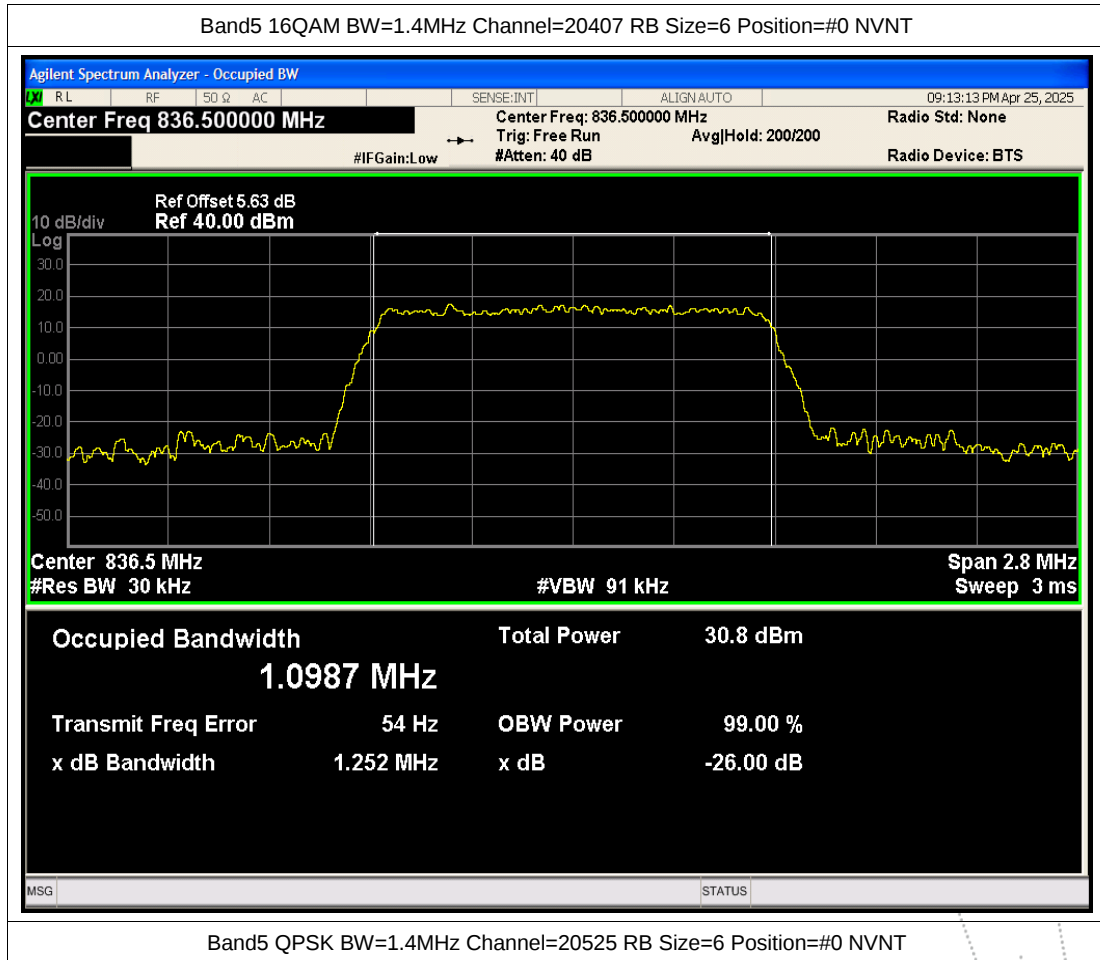
## Appendix 4.Occupied bandwidth

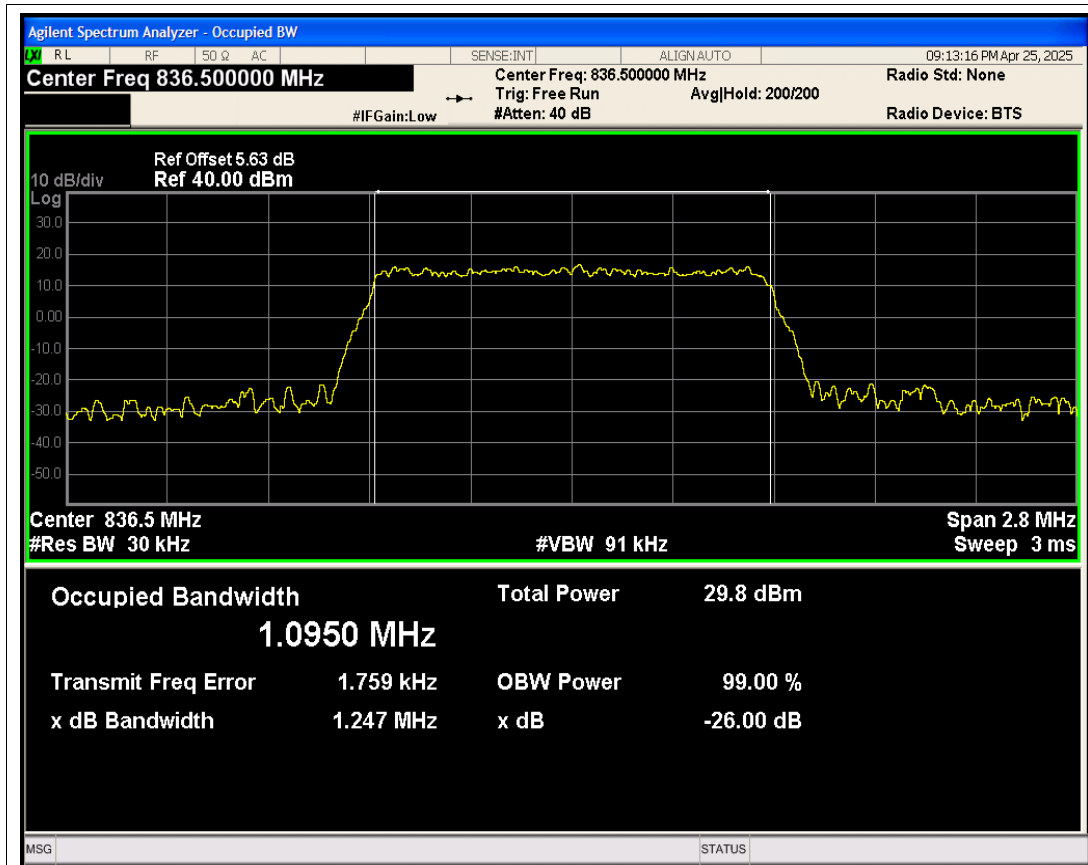
| Condition | Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | 99%<br>OBW<br>(MHz) | -26dB<br>EBW<br>(MHz) | Verdict |
|-----------|-------|--------------------|---------------|------------|----------------|------------|---------------------|-----------------------|---------|
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | QPSK       | 1.099               | 1.249                 | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | 16QAM      | 1.106               | 1.257                 | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | QPSK       | 1.099               | 1.252                 | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | 16QAM      | 1.095               | 1.247                 | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 6          | #0             | QPSK       | 1.097               | 1.245                 | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 6          | #0             | 16QAM      | 1.100               | 1.247                 | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 15         | #0             | QPSK       | 2.709               | 3.032                 | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 15         | #0             | 16QAM      | 2.706               | 3.029                 | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 15         | #0             | QPSK       | 2.701               | 3.027                 | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 15         | #0             | 16QAM      | 2.710               | 3.005                 | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 15         | #0             | QPSK       | 2.704               | 3.014                 | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 15         | #0             | 16QAM      | 2.719               | 3.017                 | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 25         | #0             | QPSK       | 4.520               | 4.961                 | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 25         | #0             | 16QAM      | 4.509               | 4.976                 | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 25         | #0             | QPSK       | 4.495               | 4.948                 | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 25         | #0             | 16QAM      | 4.500               | 4.927                 | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 25         | #0             | QPSK       | 4.481               | 4.910                 | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 25         | #0             | 16QAM      | 4.491               | 4.942                 | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 50         | #0             | QPSK       | 8.988               | 9.868                 | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 50         | #0             | 16QAM      | 8.957               | 9.904                 | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 50         | #0             | QPSK       | 8.950               | 9.650                 | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 50         | #0             | 16QAM      | 8.965               | 9.785                 | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 50         | #0             | QPSK       | 8.976               | 9.821                 | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 50         | #0             | 16QAM      | 8.999               | 9.866                 | PASS    |



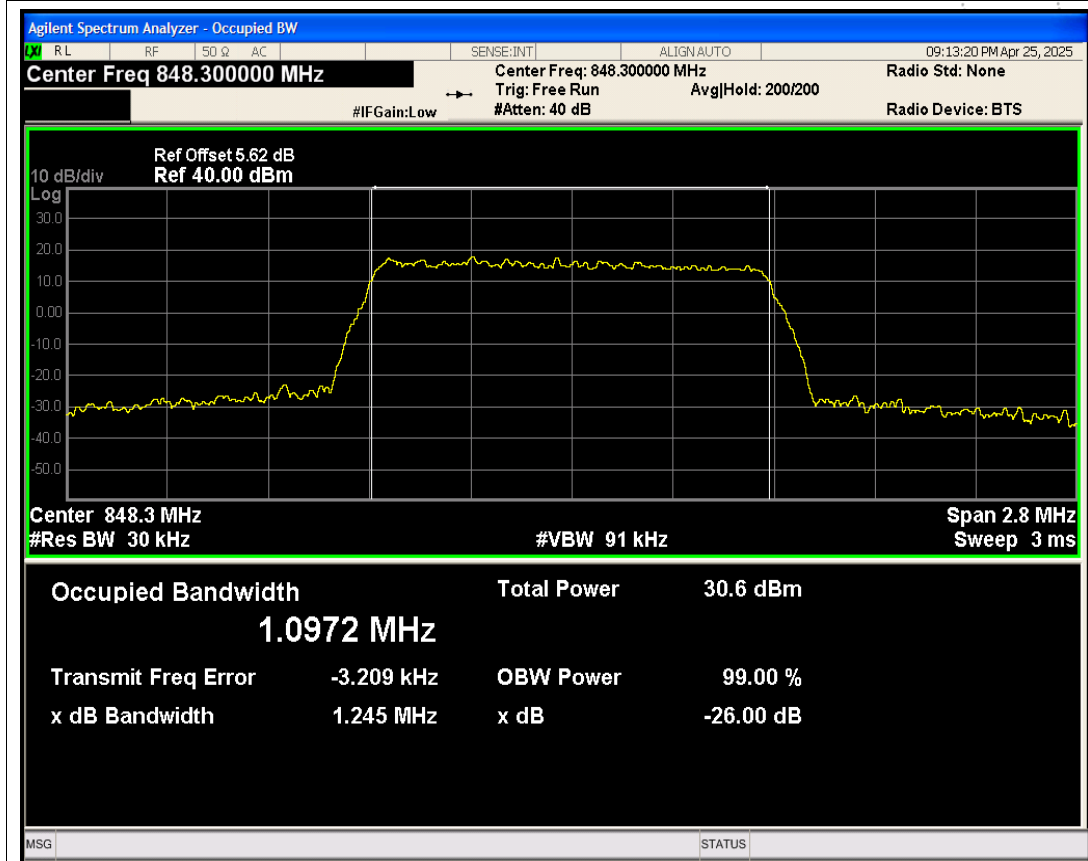
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

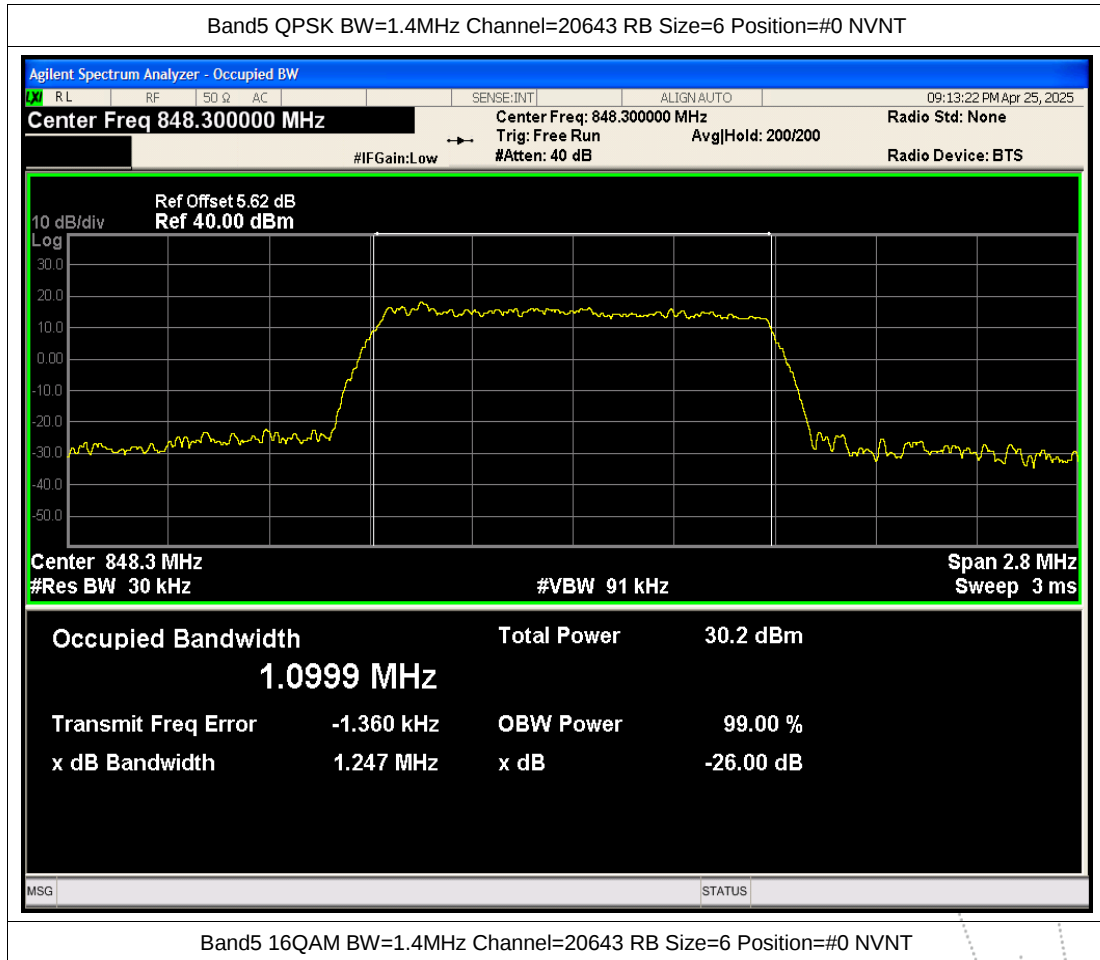


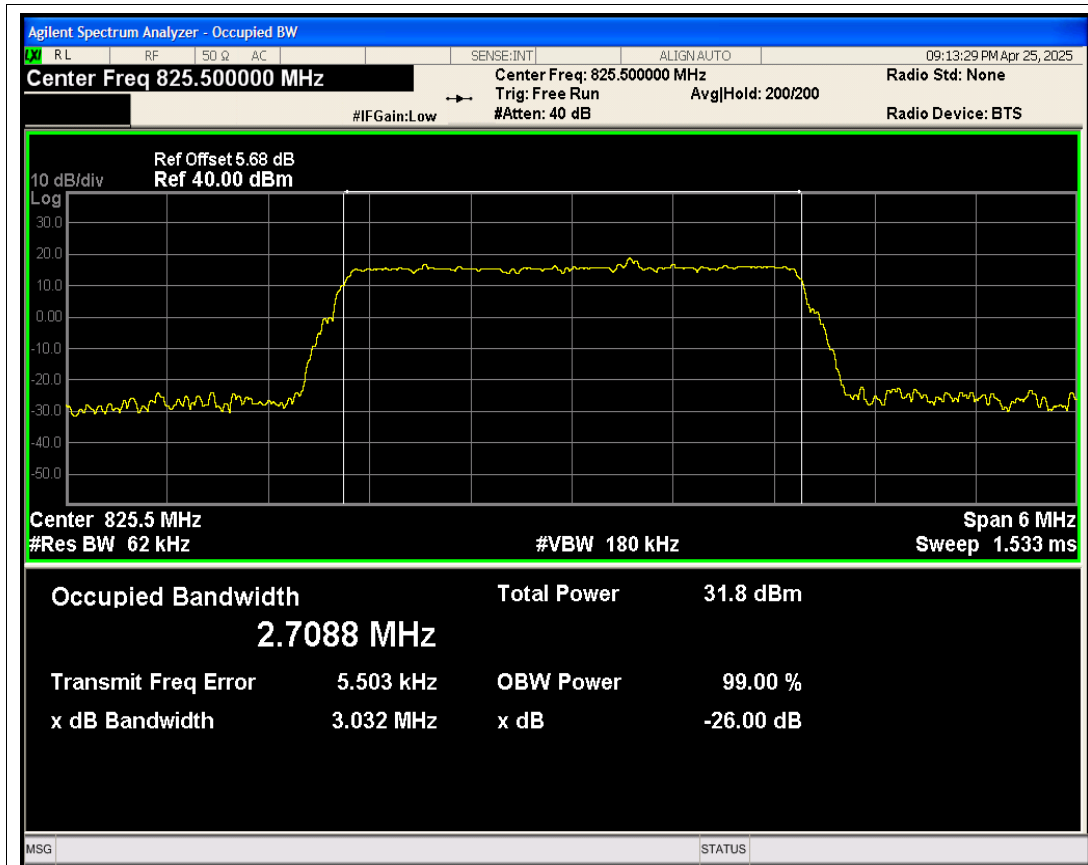




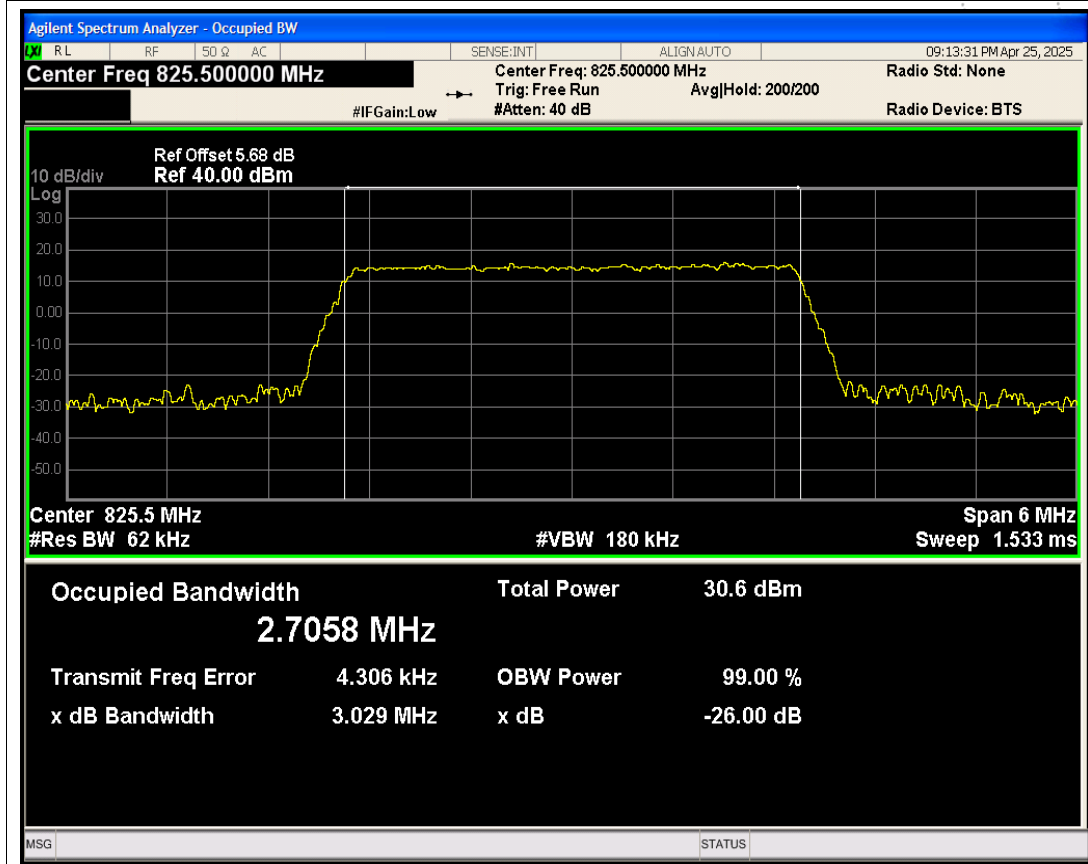
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

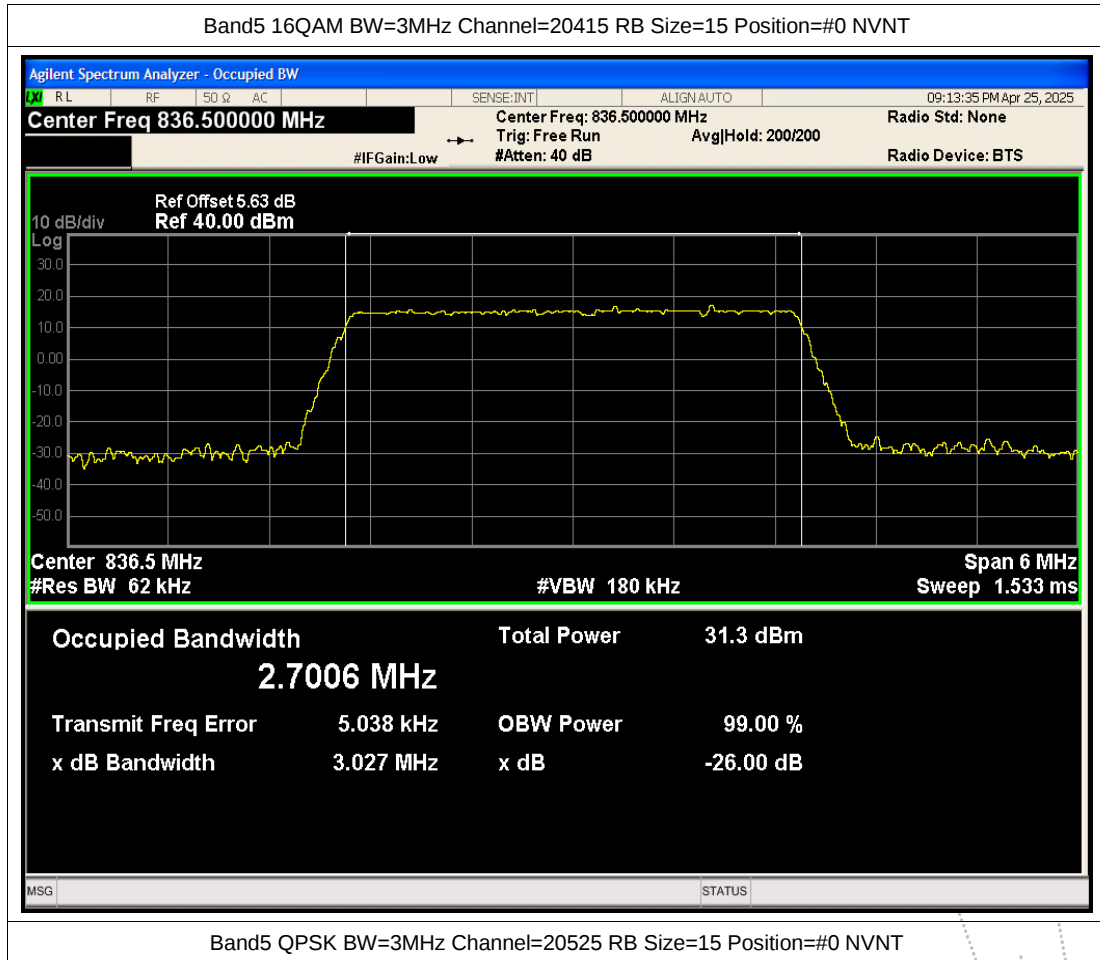


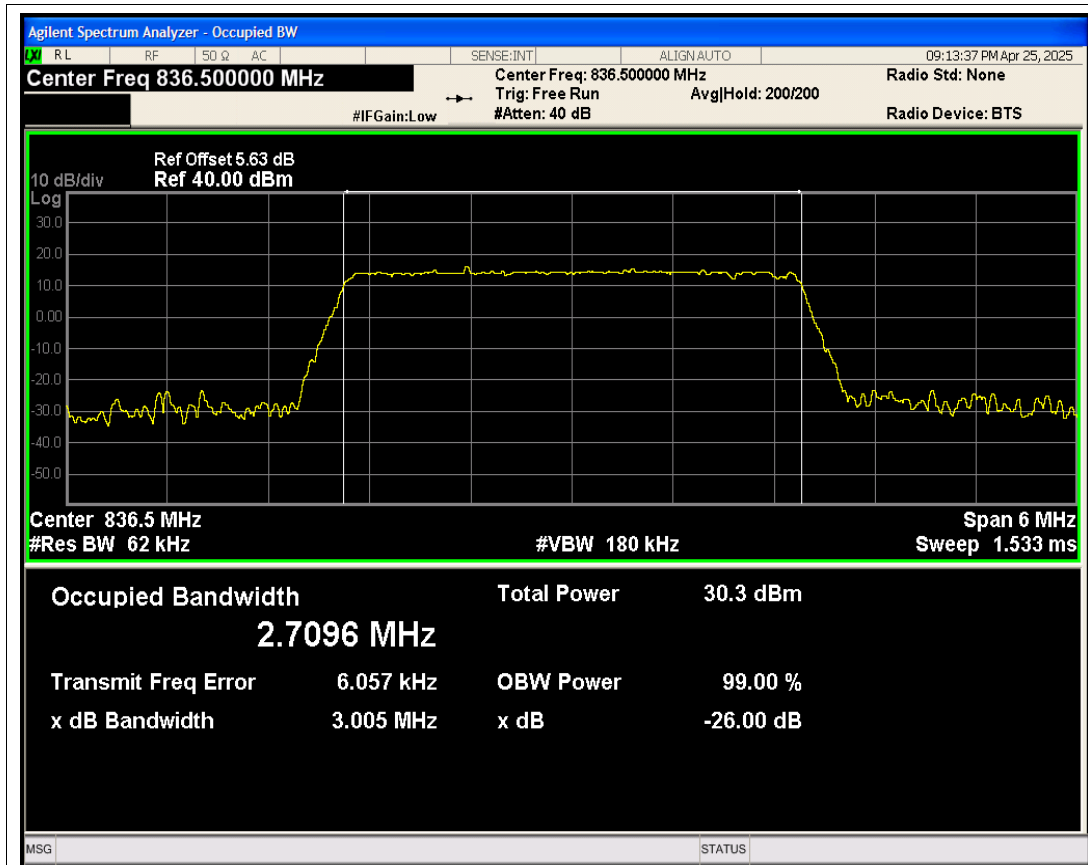




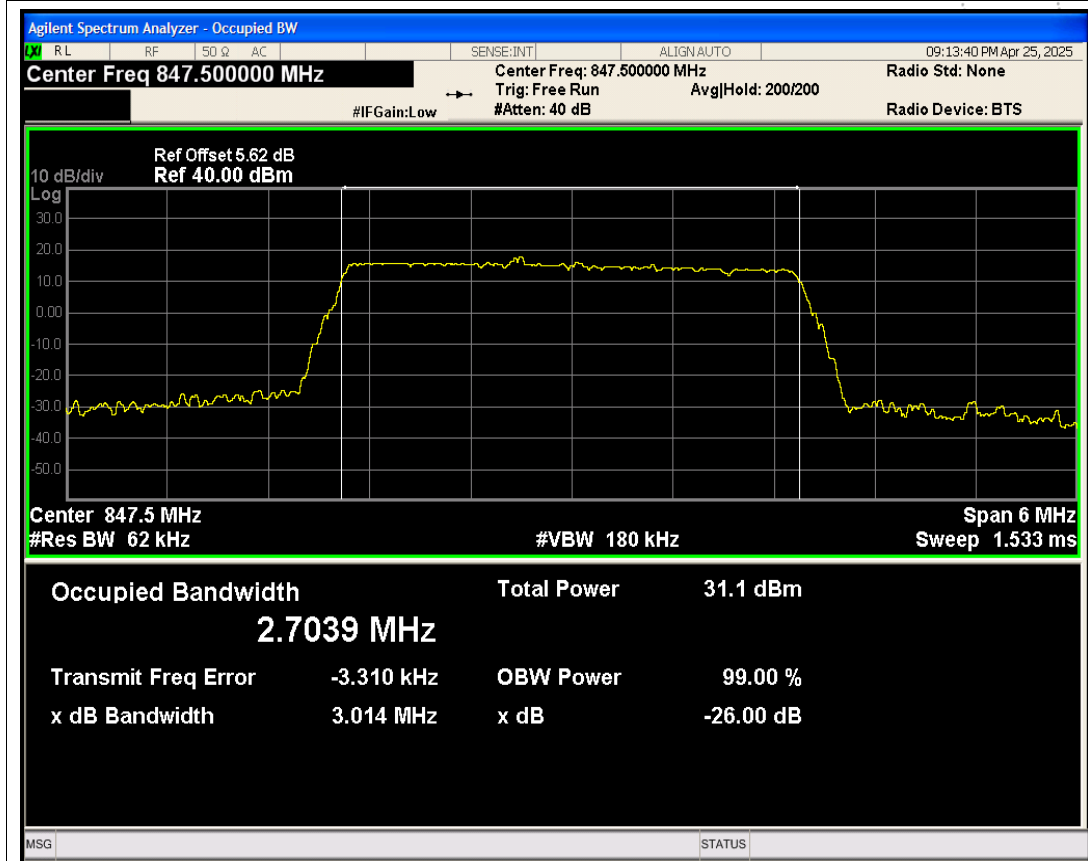
Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

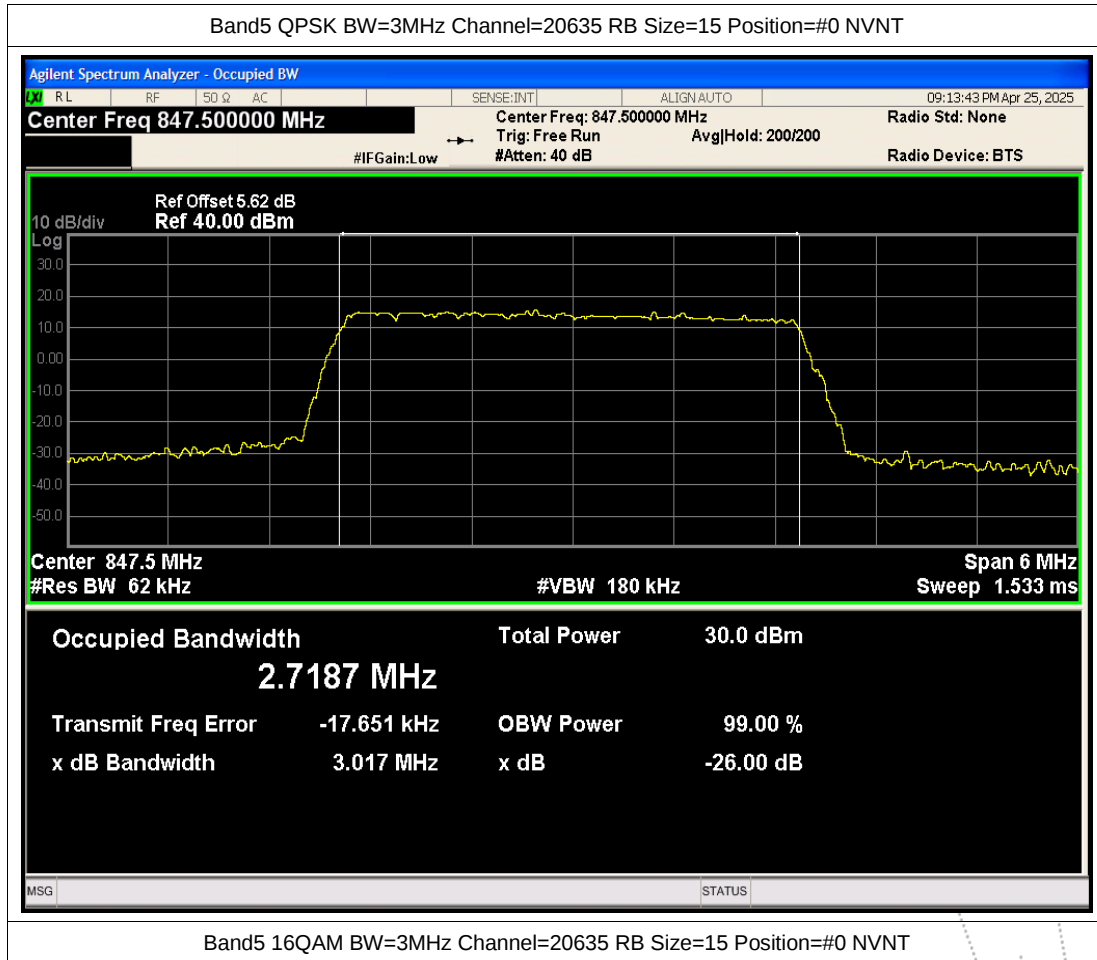


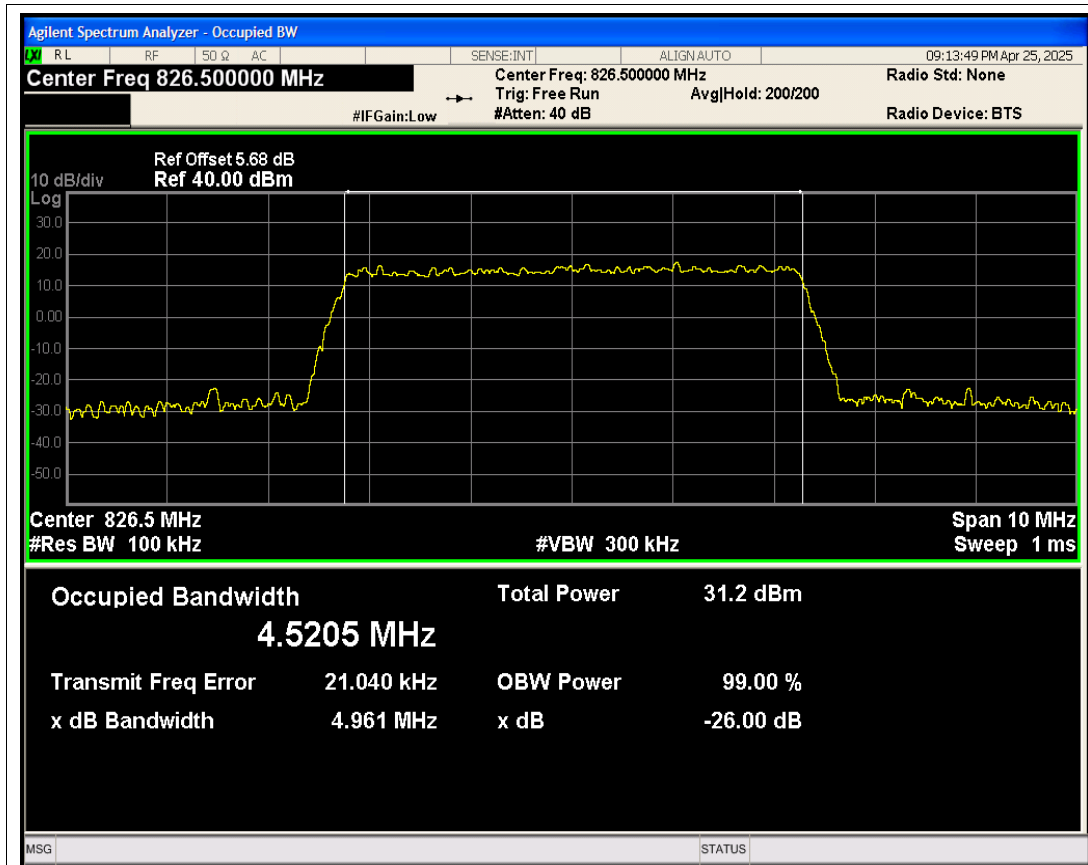




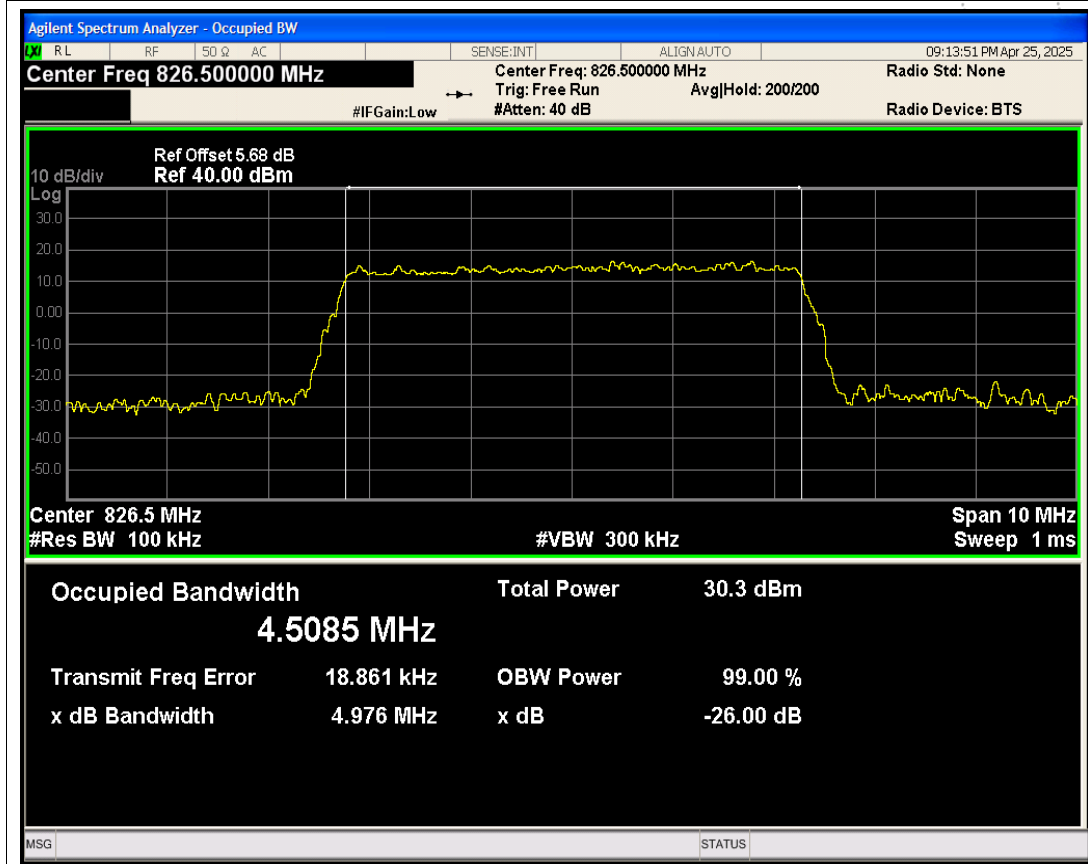
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT





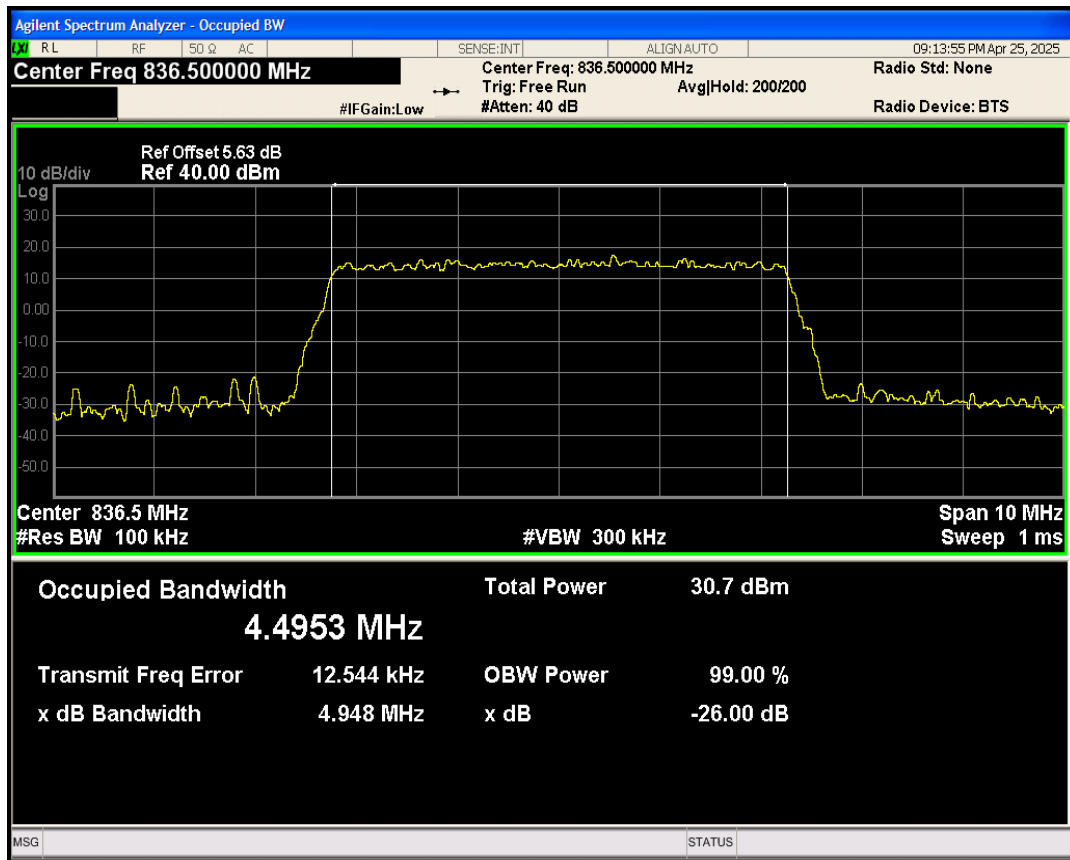


Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

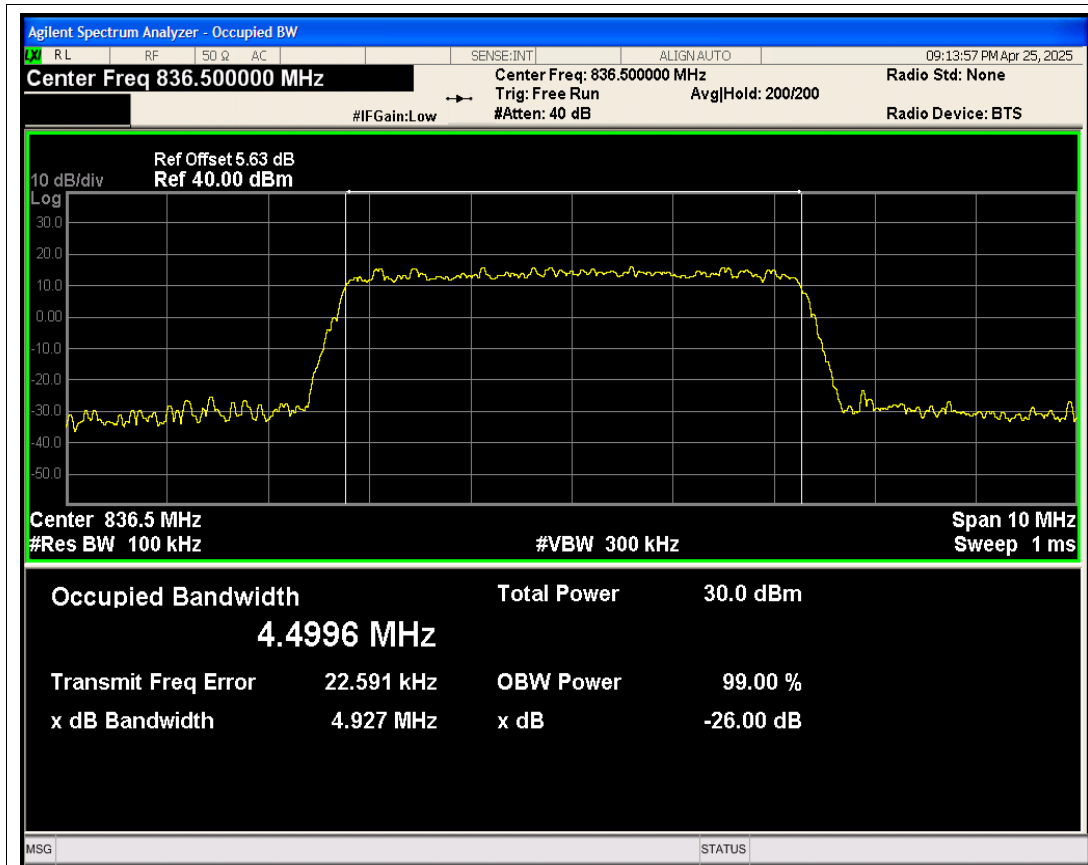




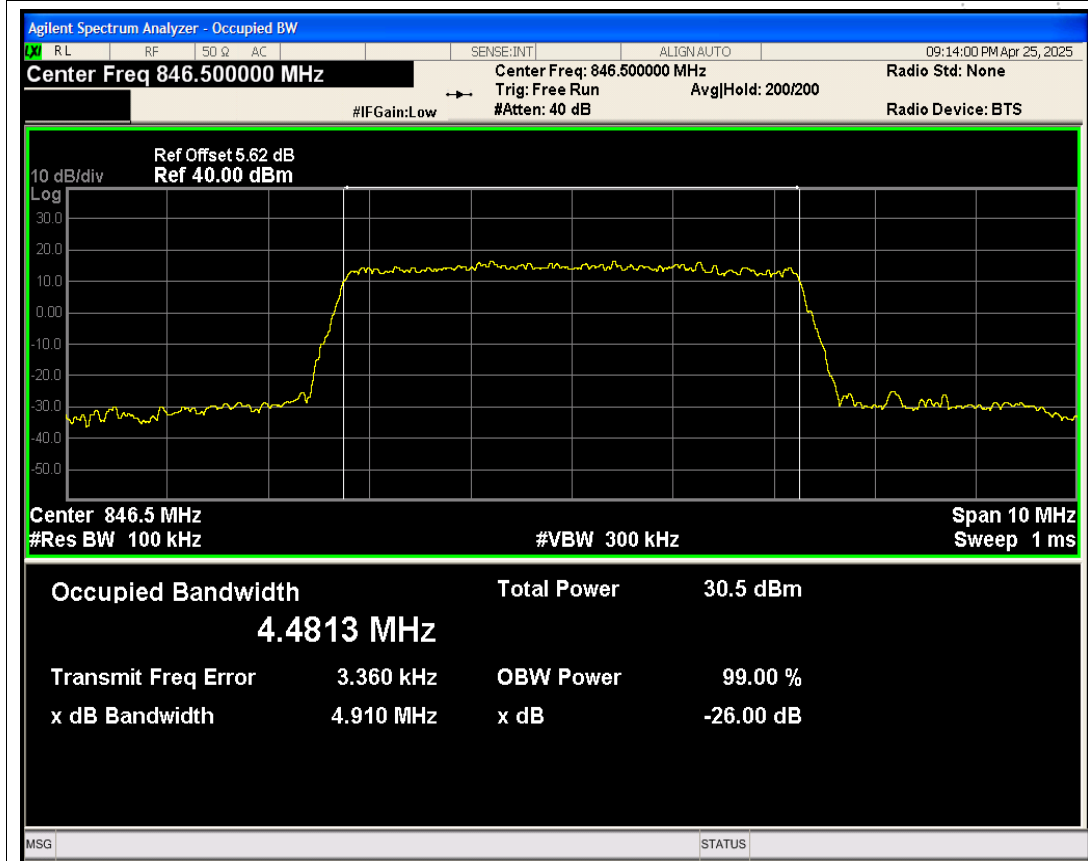
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

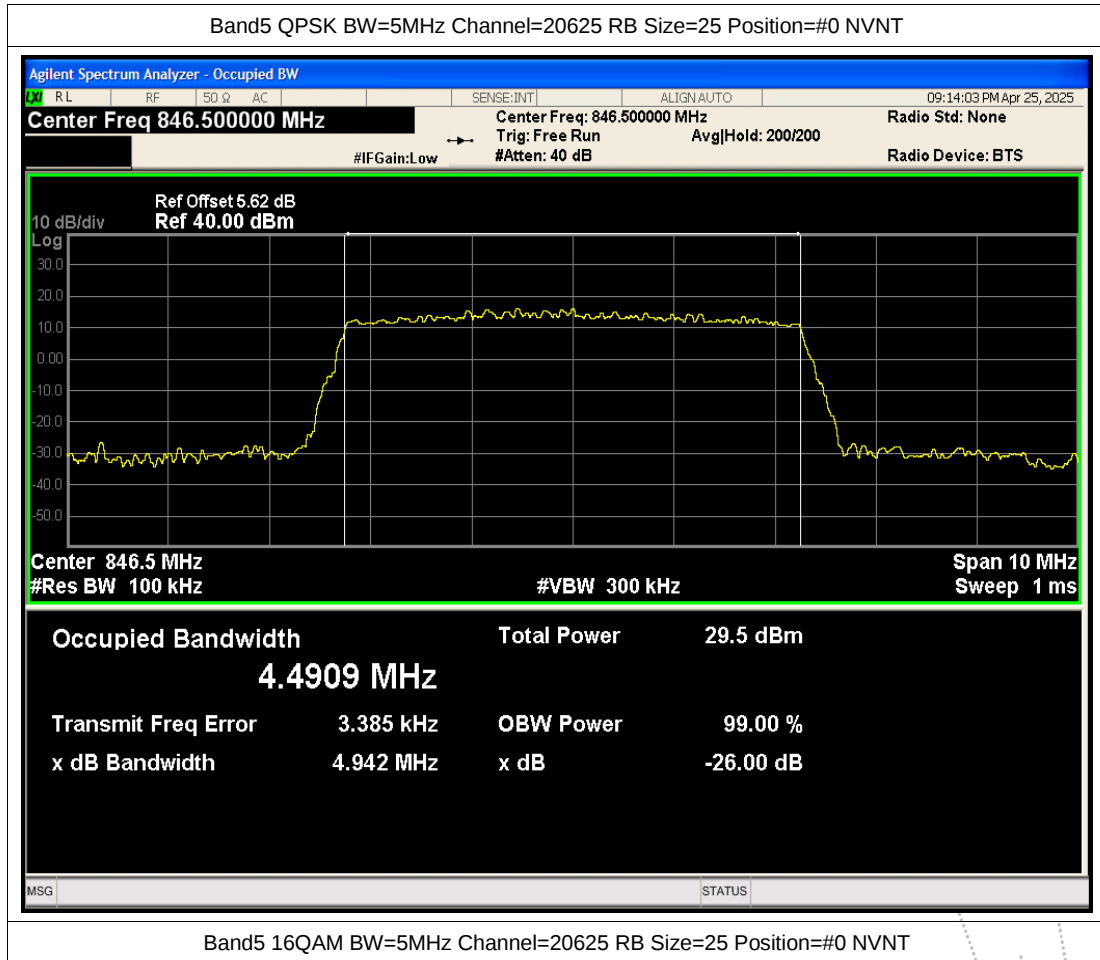


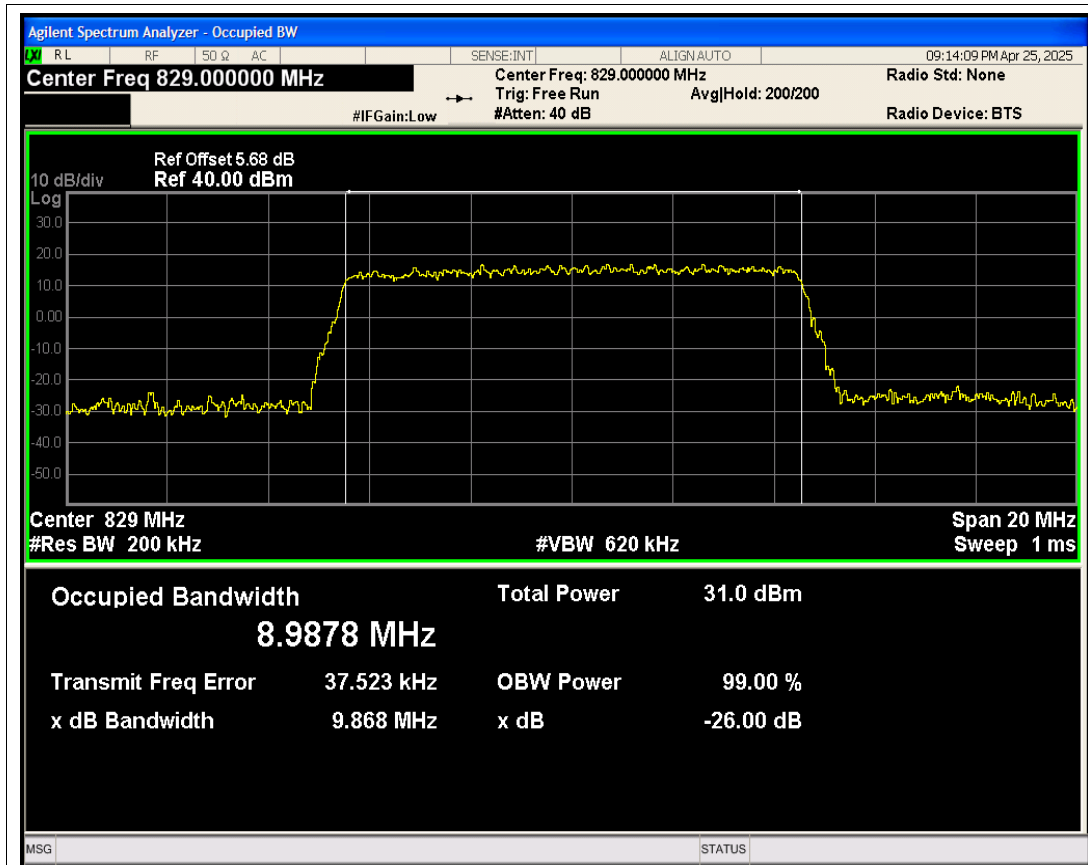
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



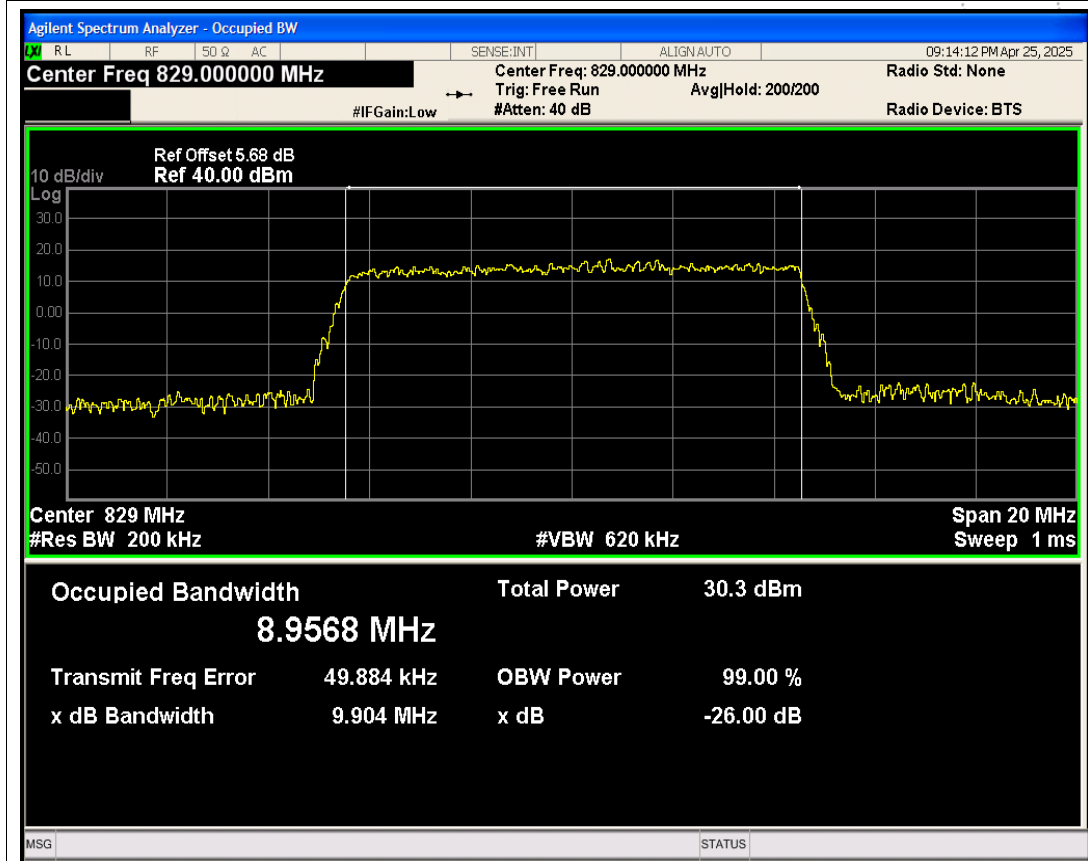
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

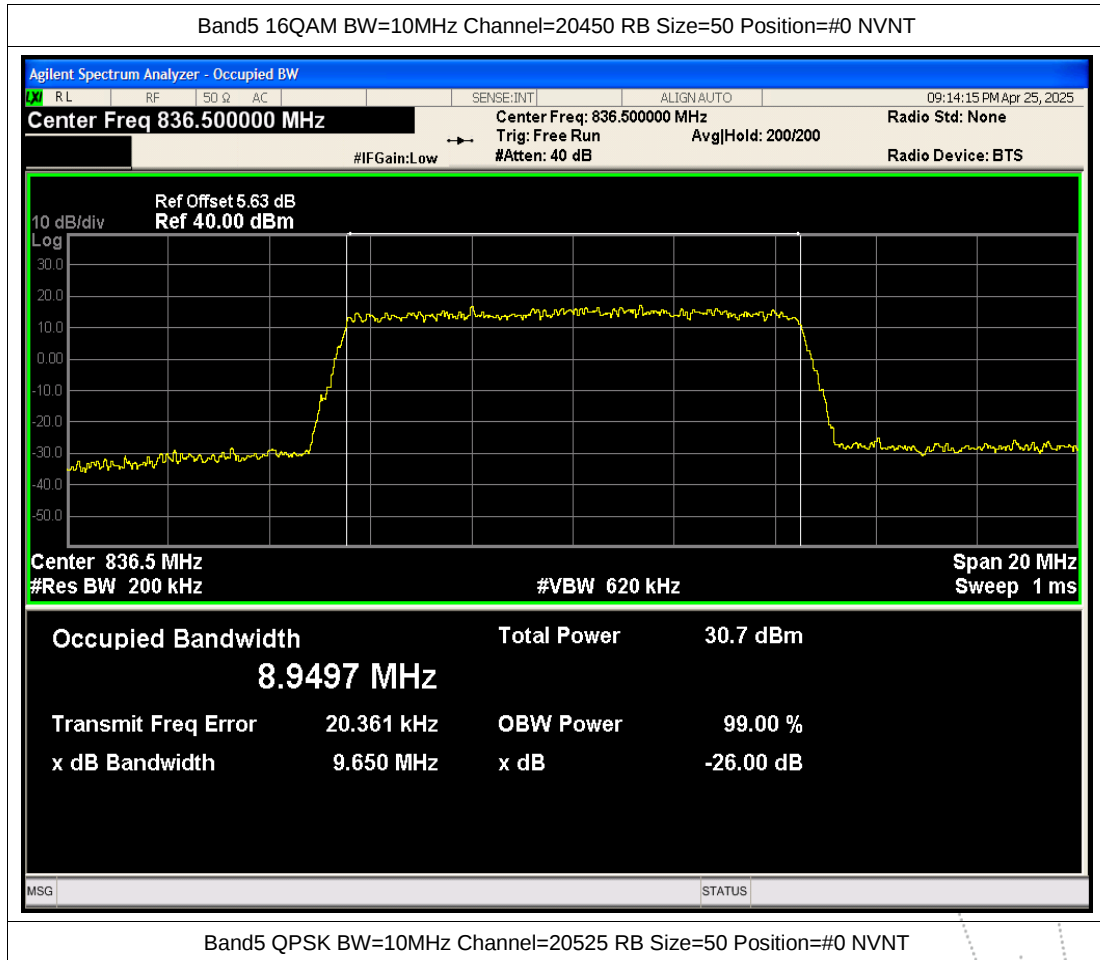


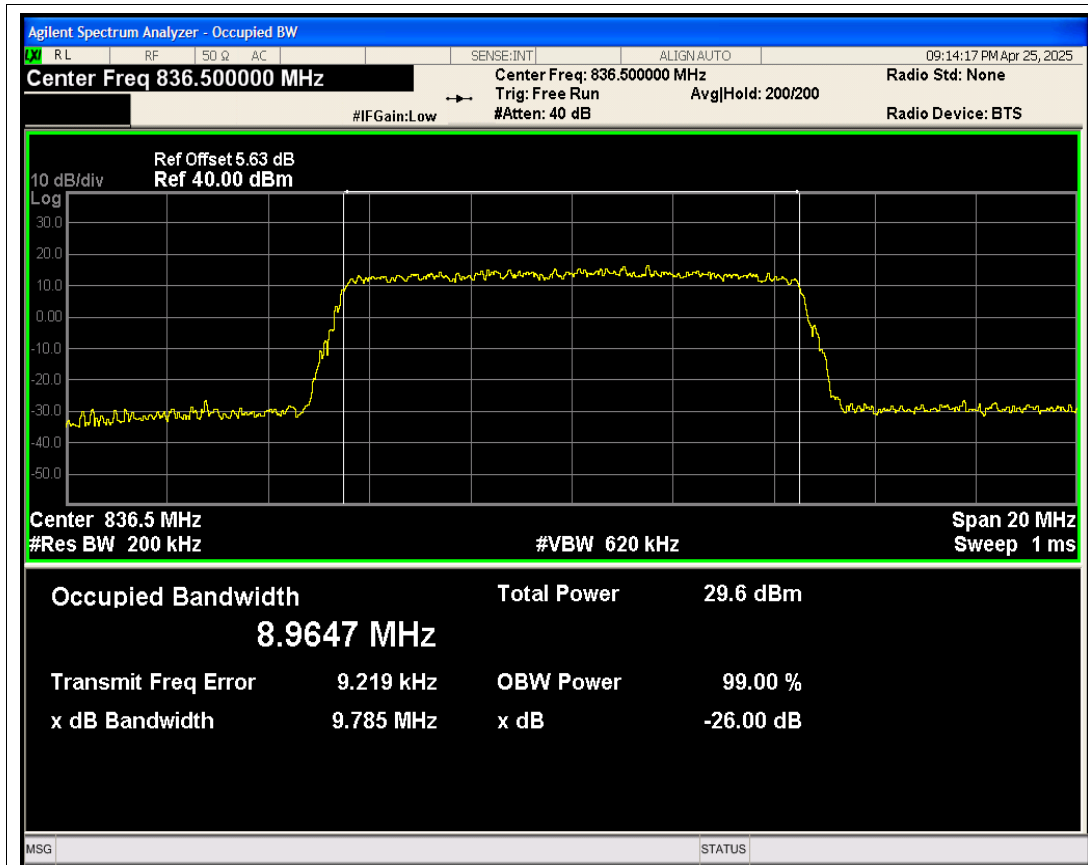




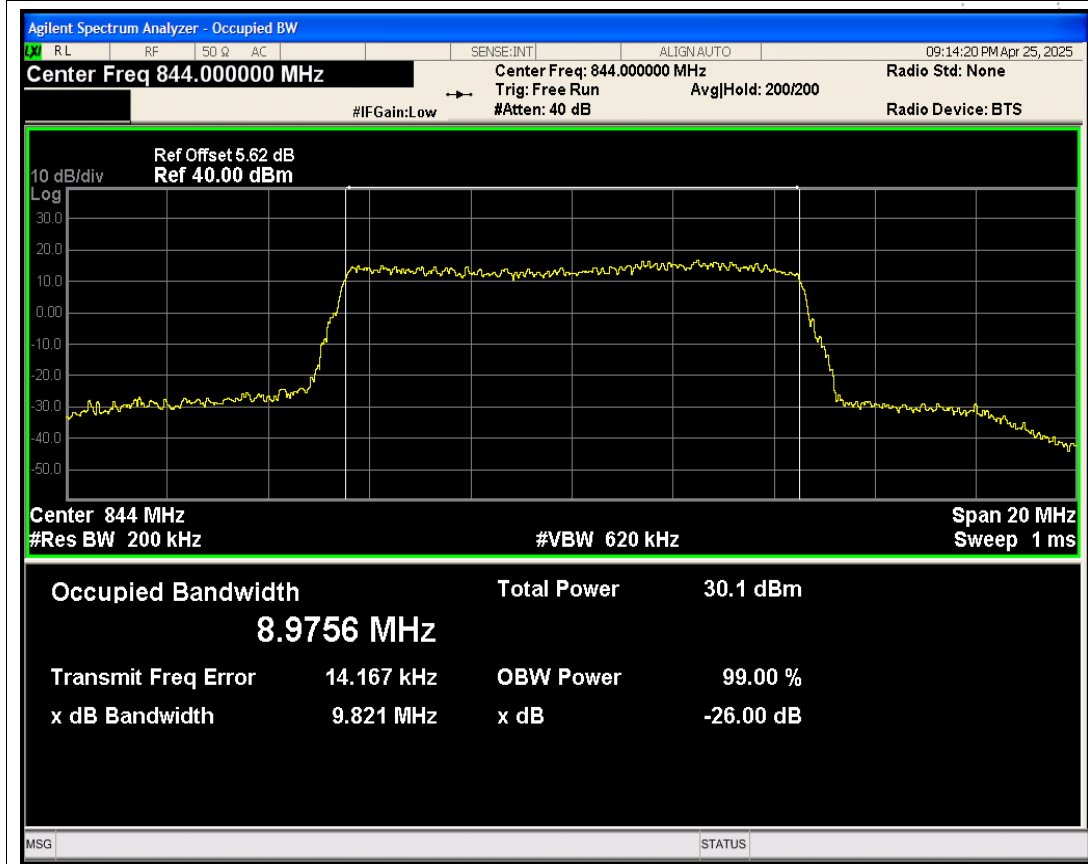
Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

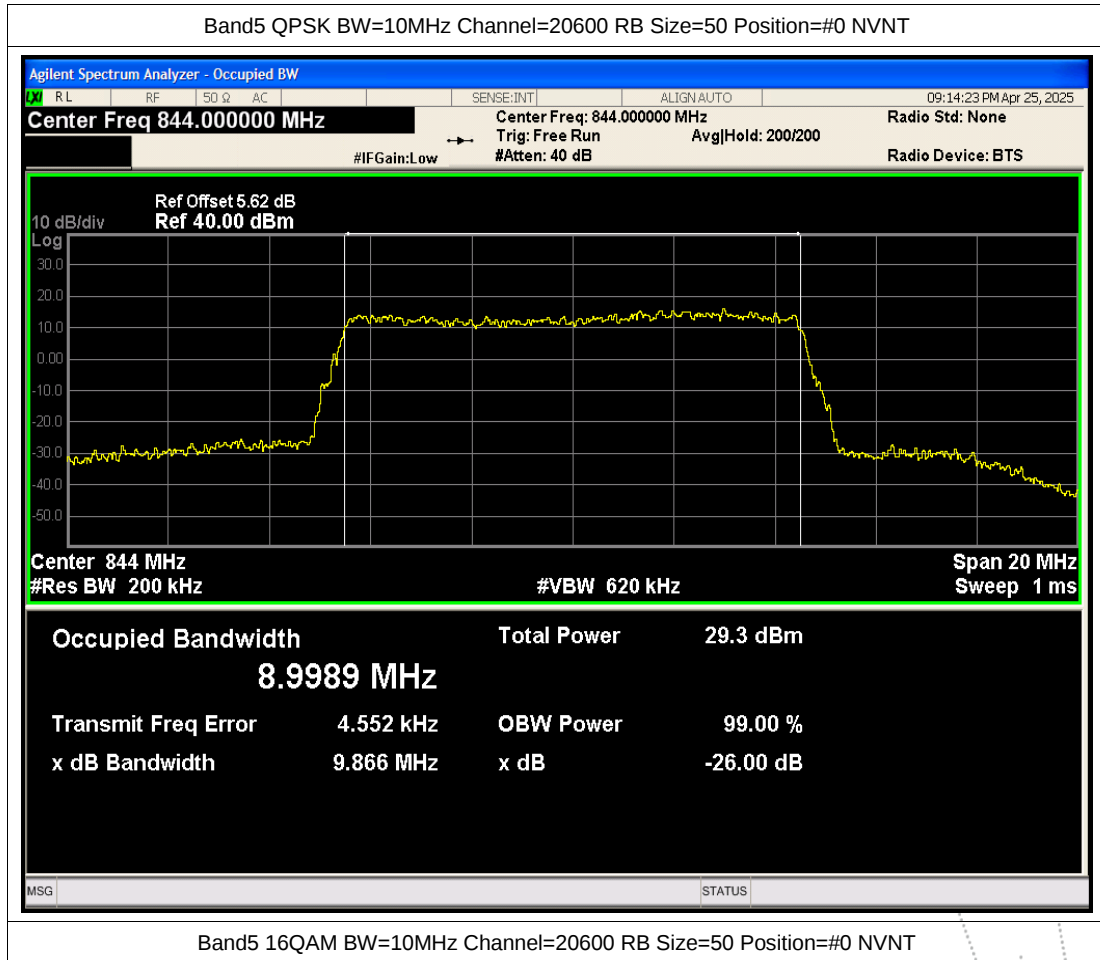






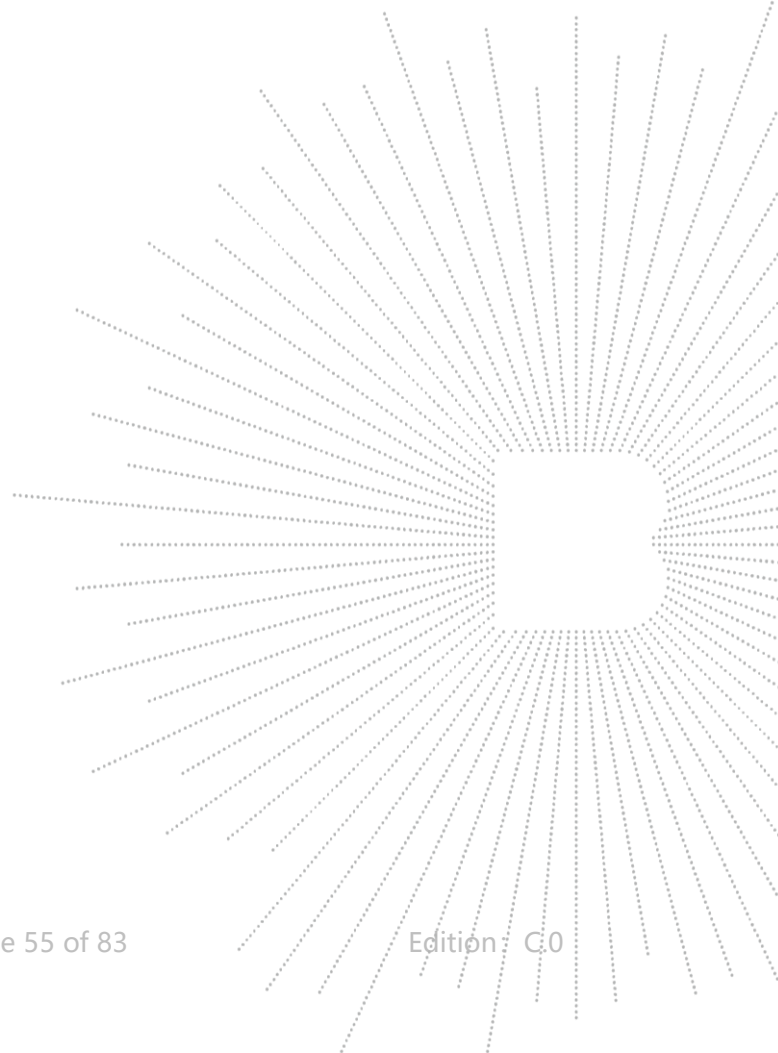
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT

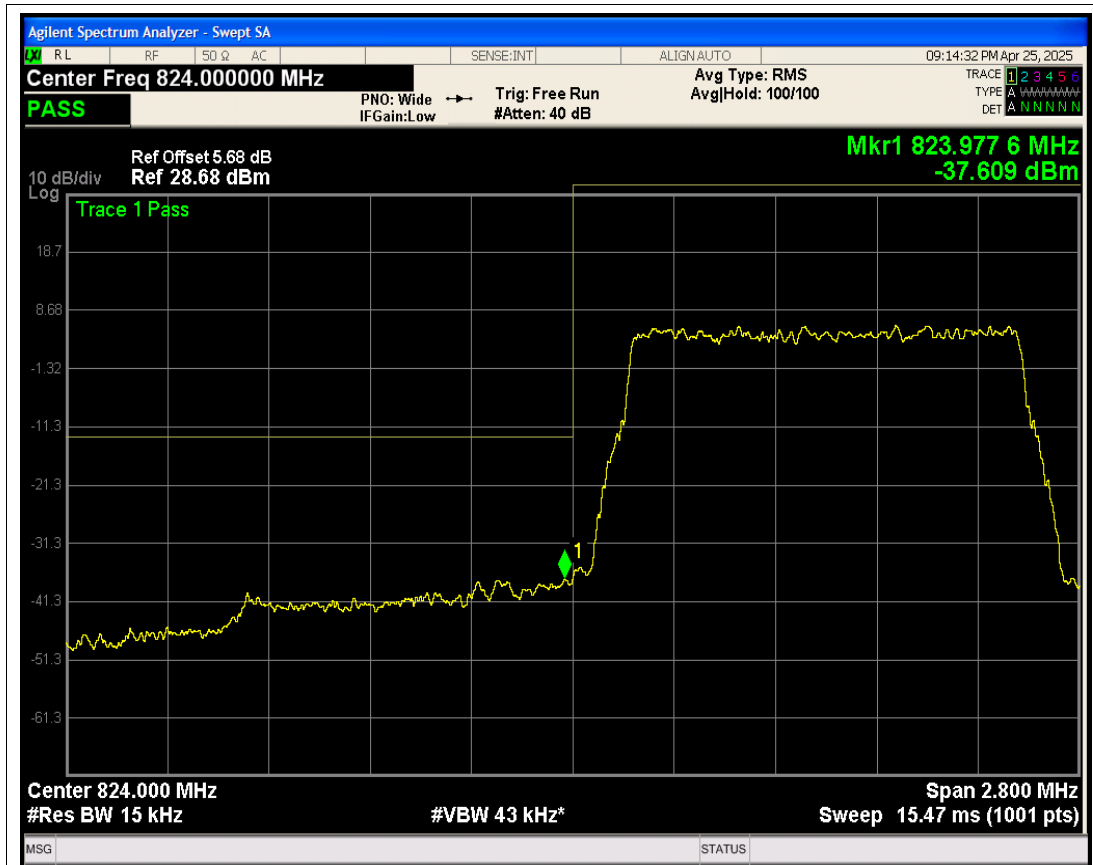




## Appendix 5.Band edge

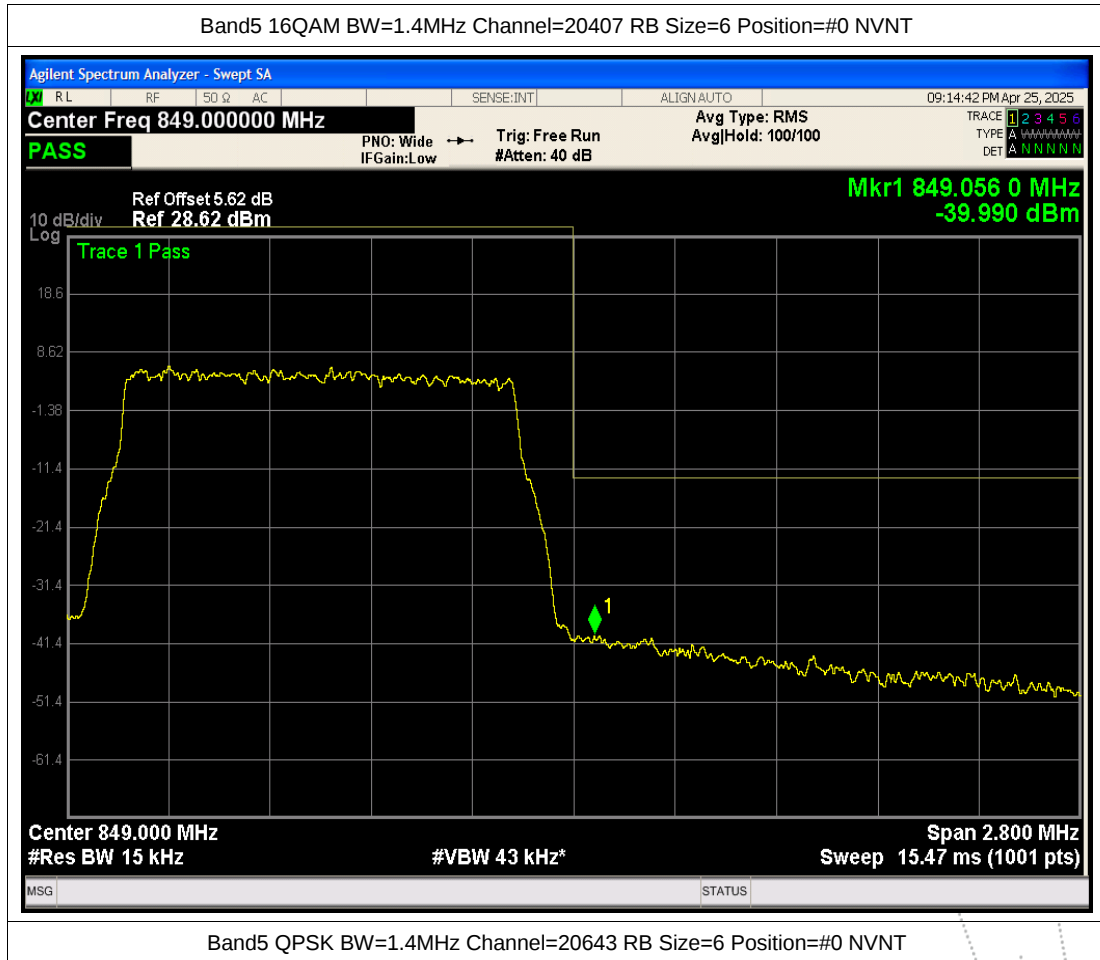
| <i>Condition</i> | <i>Band</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Size</i> | <i>RB<br/>Position</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|------------------|-------------|----------------------------|-----------------------|--------------------|------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| NVNT             | Band5       | 1.4                        | 20407                 | 6                  | #0                     | QPSK              | 823.98                         | -37.60                          | -13                    | PASS           |
| NVNT             | Band5       | 1.4                        | 20407                 | 6                  | #0                     | 16QAM             | 823.83                         | -36.81                          | -13                    | PASS           |
| NVNT             | Band5       | 1.4                        | 20643                 | 6                  | #0                     | QPSK              | 849.06                         | -39.98                          | -13                    | PASS           |
| NVNT             | Band5       | 1.4                        | 20643                 | 6                  | #0                     | 16QAM             | 849.05                         | -39.90                          | -13                    | PASS           |
| NVNT             | Band5       | 3                          | 20415                 | 15                 | #0                     | QPSK              | 824.00                         | -24.47                          | -13                    | PASS           |
| NVNT             | Band5       | 3                          | 20415                 | 15                 | #0                     | 16QAM             | 824.00                         | -26.53                          | -13                    | PASS           |
| NVNT             | Band5       | 3                          | 20635                 | 15                 | #0                     | QPSK              | 849.00                         | -27.56                          | -13                    | PASS           |
| NVNT             | Band5       | 3                          | 20635                 | 15                 | #0                     | 16QAM             | 849.01                         | -28.03                          | -13                    | PASS           |
| NVNT             | Band5       | 5                          | 20425                 | 25                 | #0                     | QPSK              | 824.00                         | -31.85                          | -13                    | PASS           |
| NVNT             | Band5       | 5                          | 20425                 | 25                 | #0                     | 16QAM             | 824.00                         | -31.64                          | -13                    | PASS           |
| NVNT             | Band5       | 5                          | 20625                 | 25                 | #0                     | QPSK              | 849.00                         | -33.26                          | -13                    | PASS           |
| NVNT             | Band5       | 5                          | 20625                 | 25                 | #0                     | 16QAM             | 849.03                         | -34.81                          | -13                    | PASS           |
| NVNT             | Band5       | 10                         | 20450                 | 50                 | #0                     | QPSK              | 823.98                         | -37.26                          | -13                    | PASS           |
| NVNT             | Band5       | 10                         | 20450                 | 50                 | #0                     | 16QAM             | 824.00                         | -35.75                          | -13                    | PASS           |
| NVNT             | Band5       | 10                         | 20600                 | 50                 | #0                     | QPSK              | 849.04                         | -35.43                          | -13                    | PASS           |
| NVNT             | Band5       | 10                         | 20600                 | 50                 | #0                     | 16QAM             | 849.06                         | -36.12                          | -13                    | PASS           |

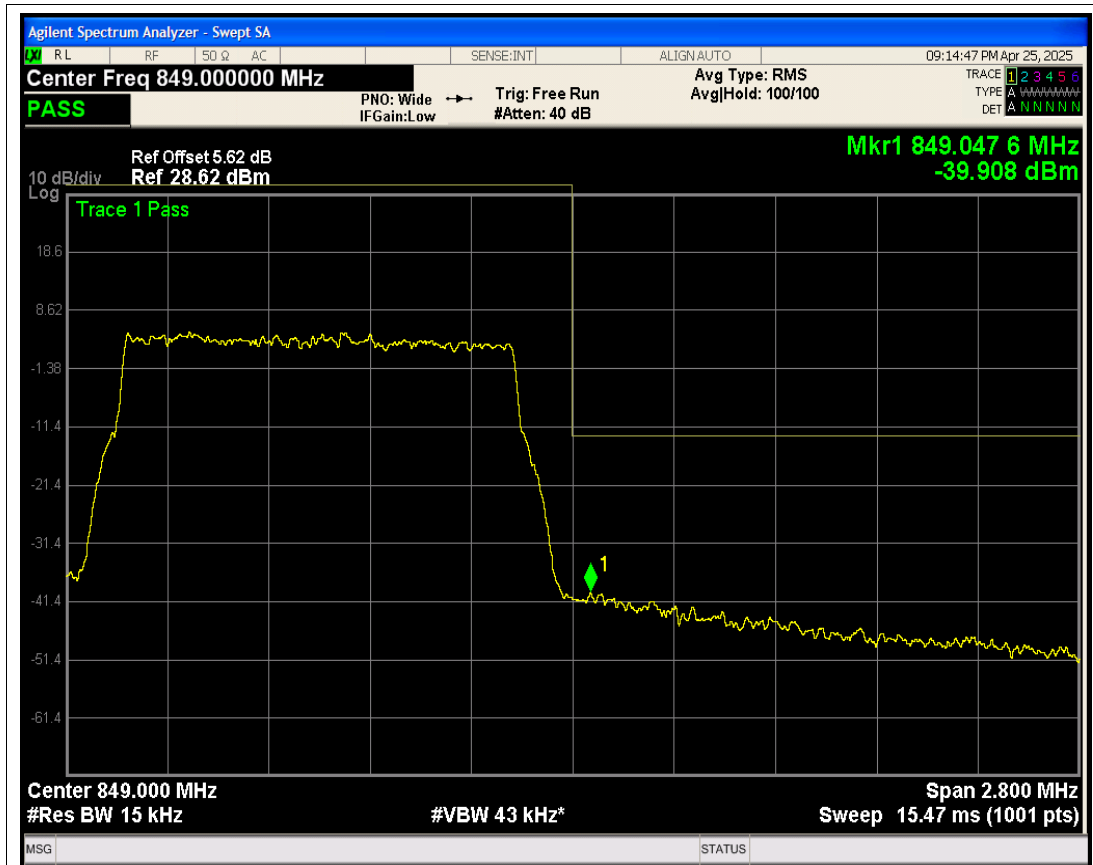




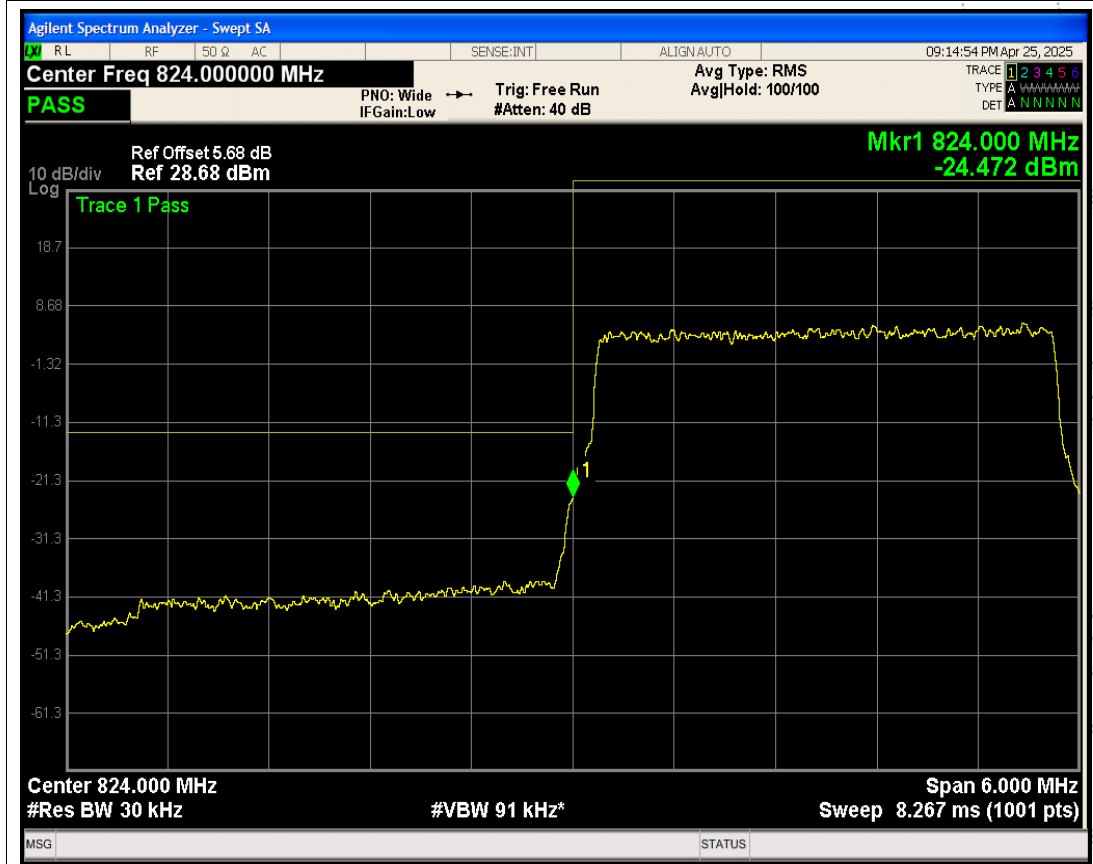
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

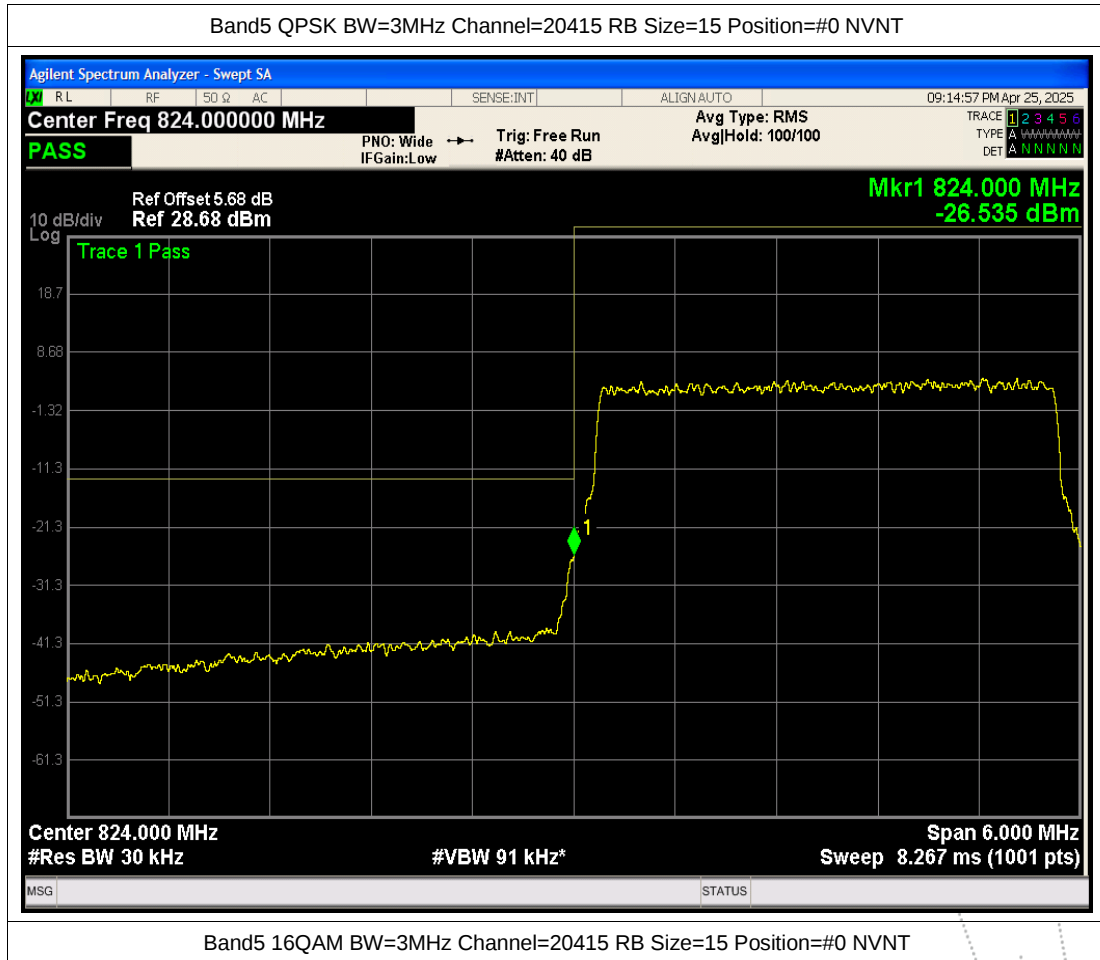


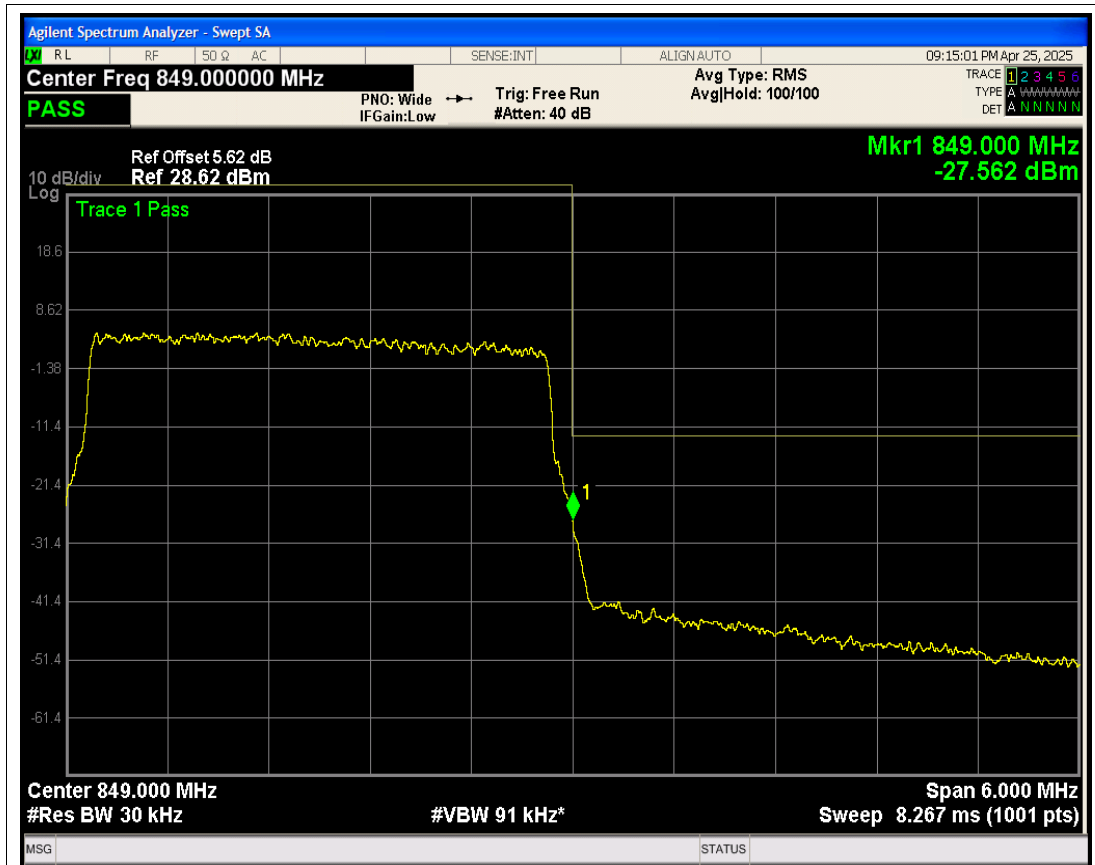




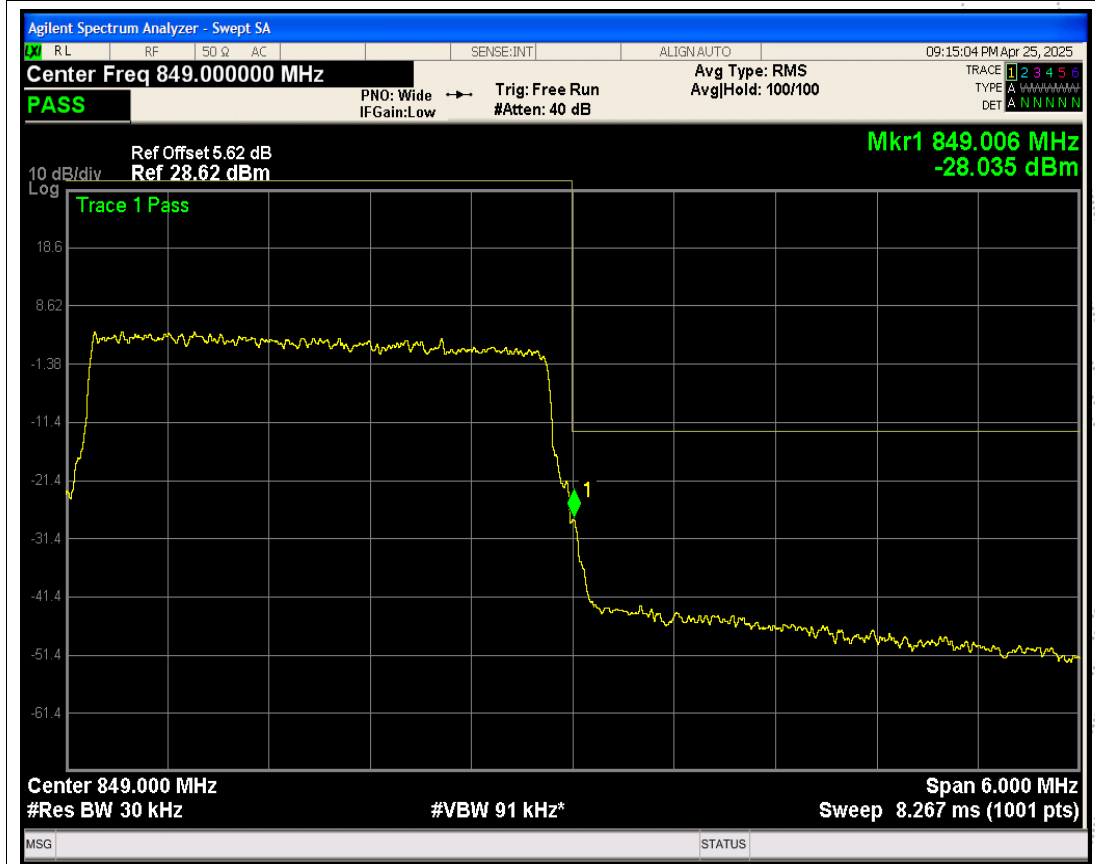
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT

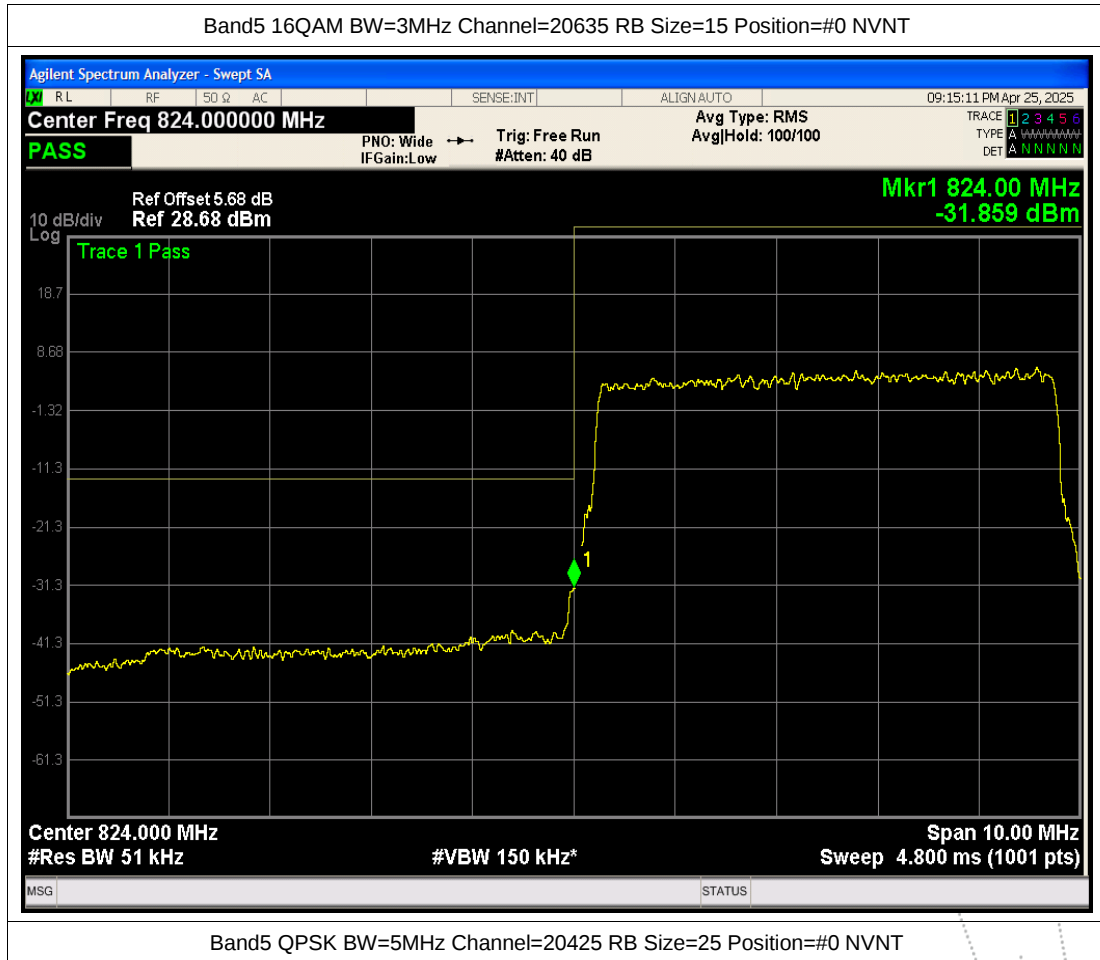


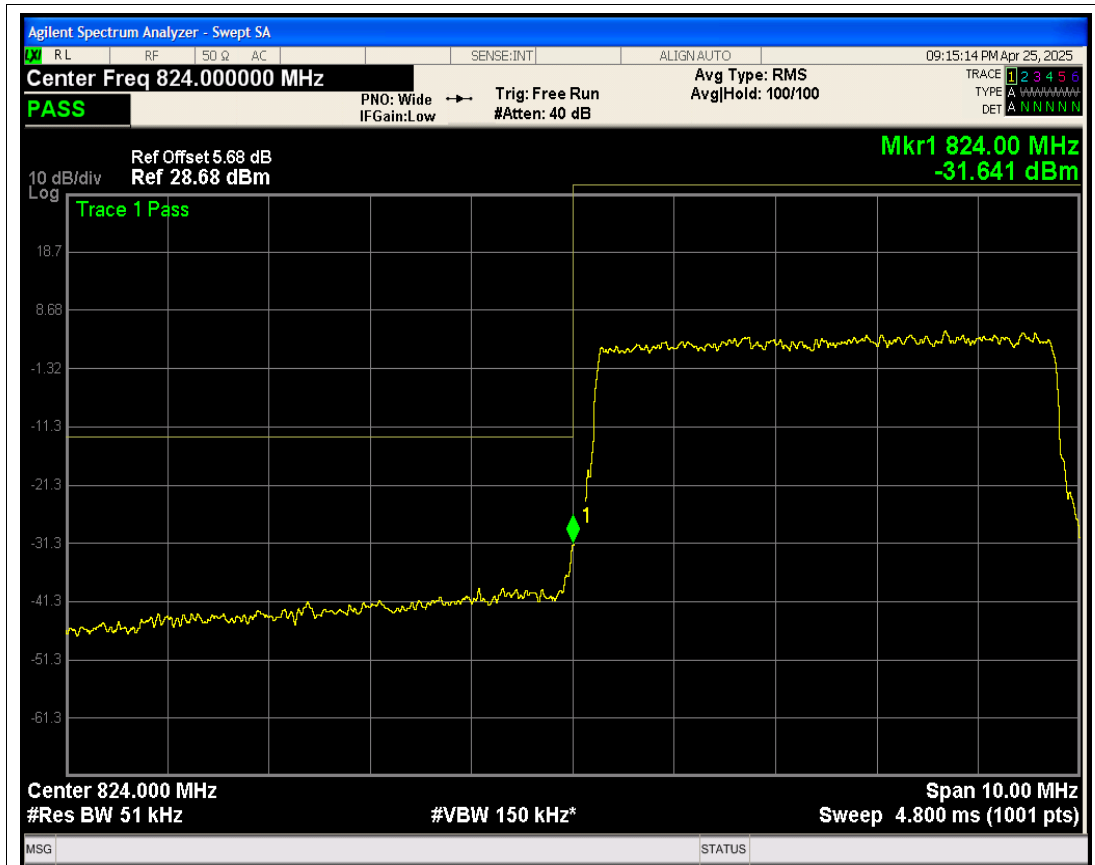




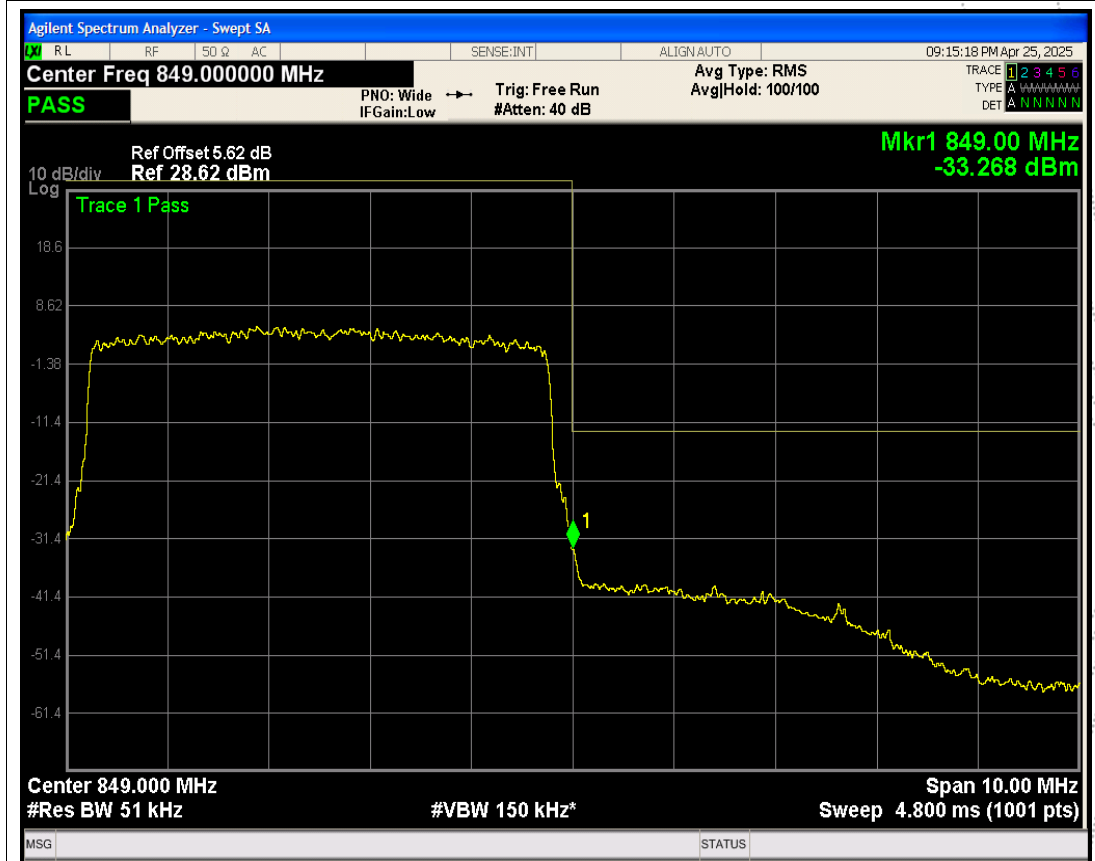
Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



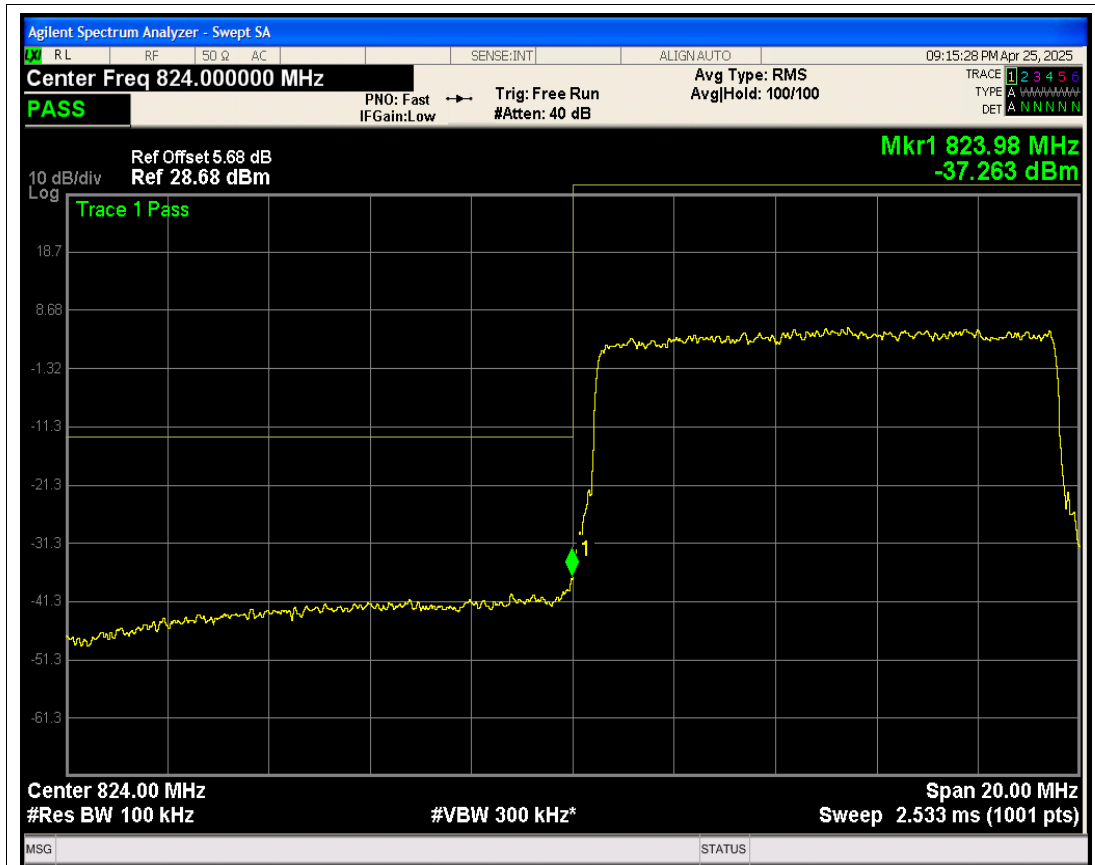




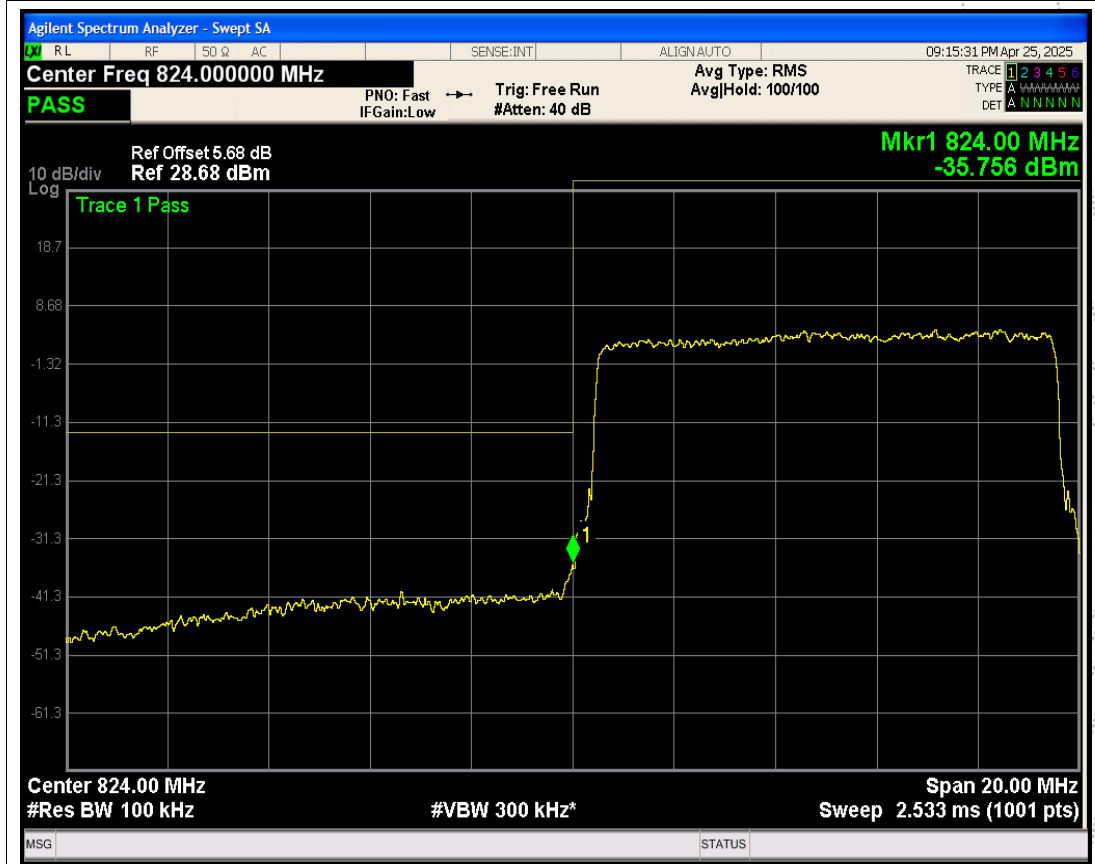
Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

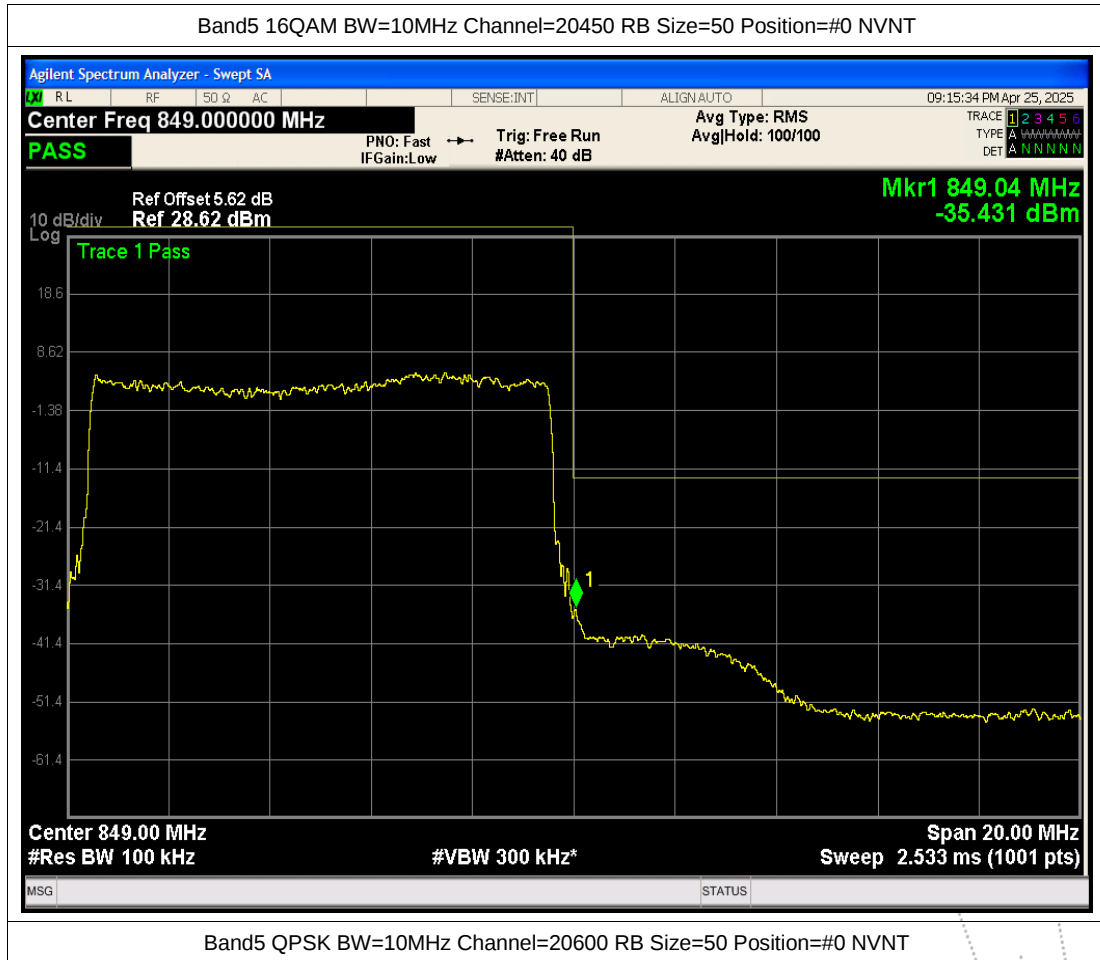


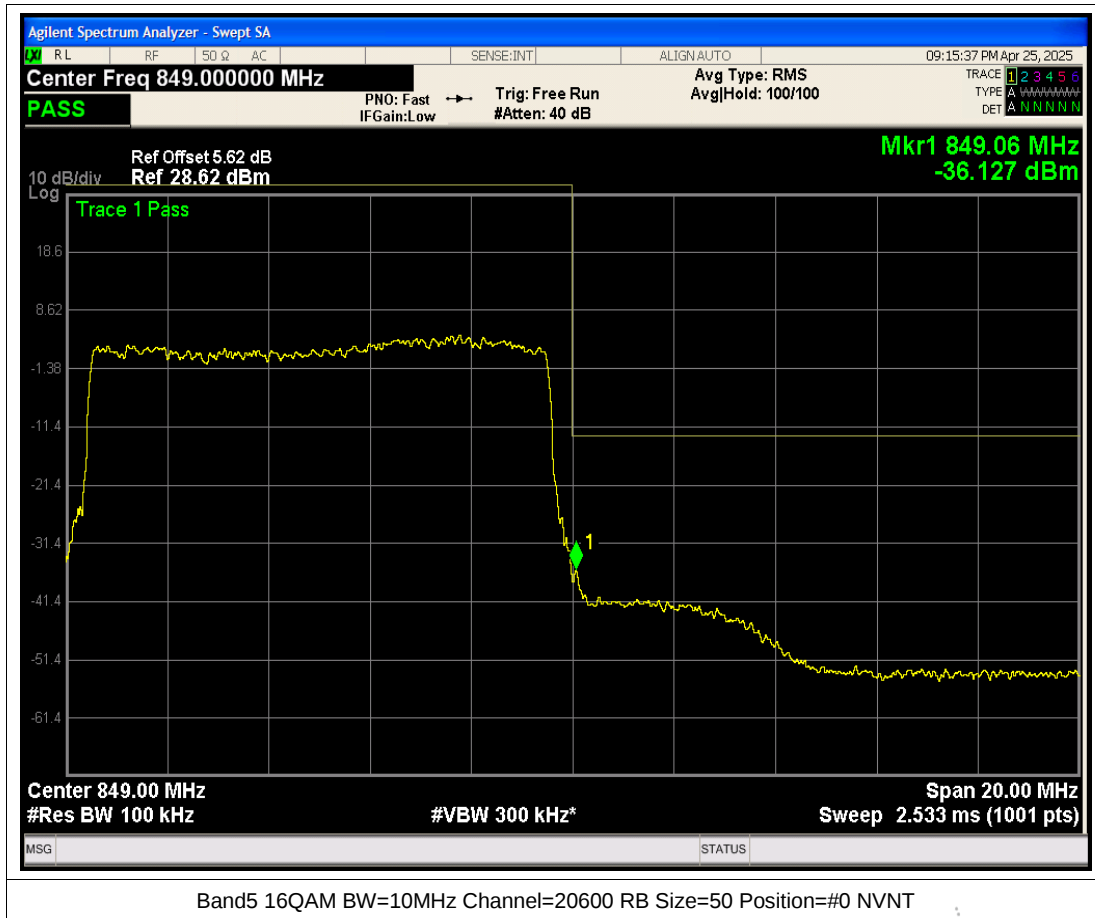




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

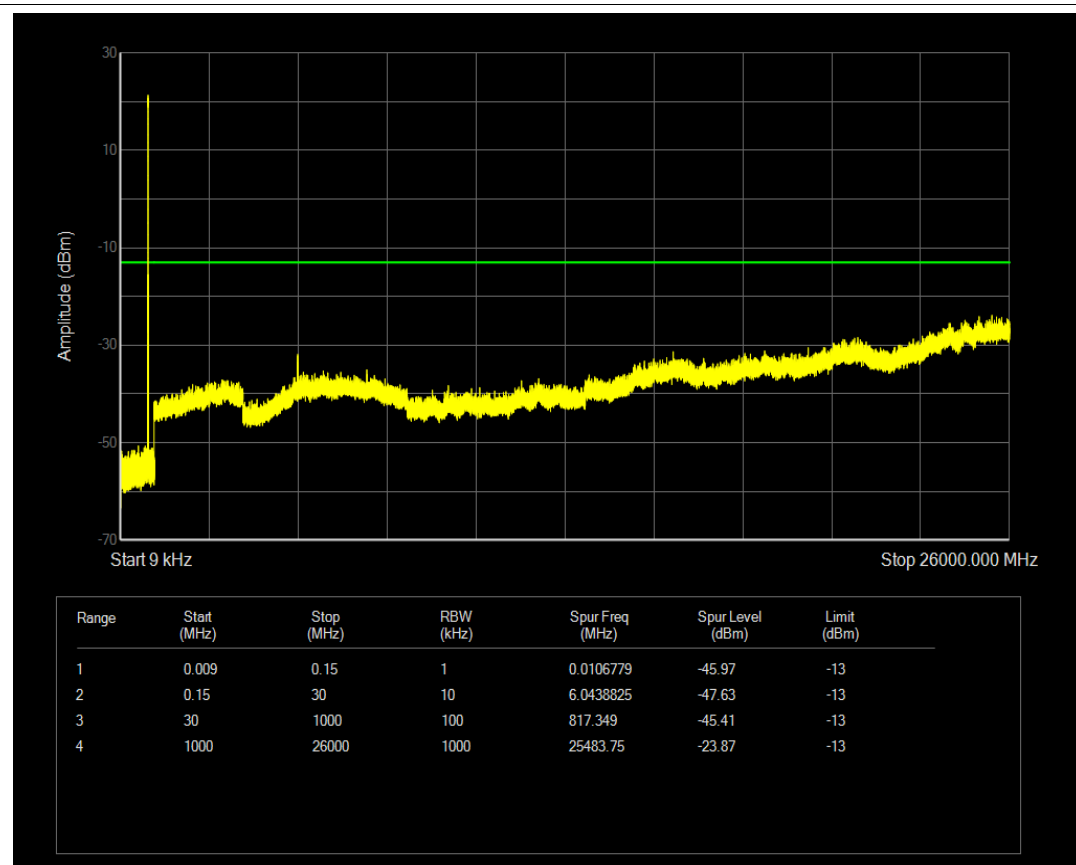




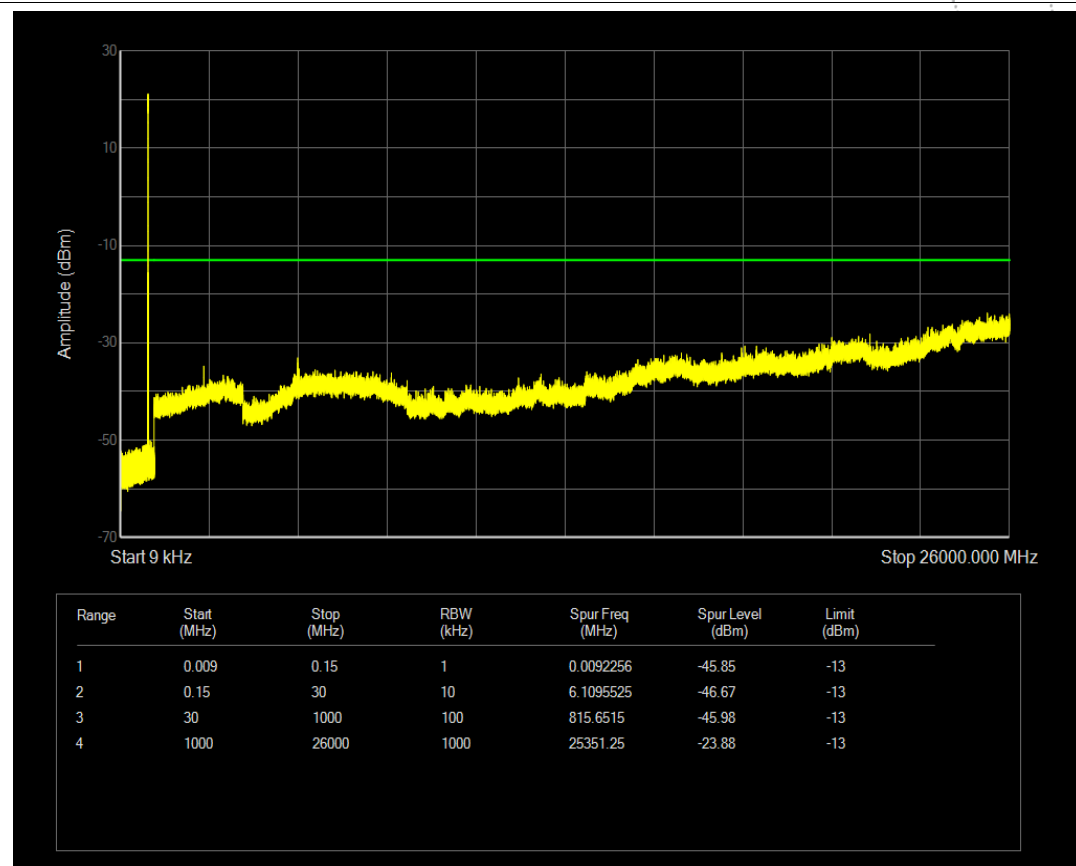


## Appendix 6.Out-of-band emissions

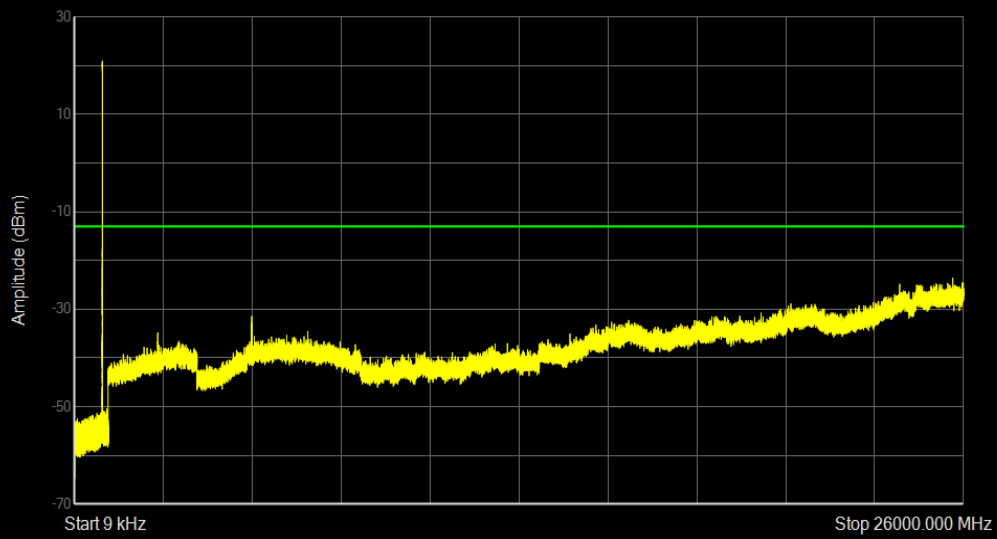
| Condition | Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur<br>Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------------|------------|----------------|------------|-----------------------|------------------------|----------------|---------|
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | QPSK       | 25483.75              | -23.87                 | -13            | PASS    |
| NVNT      | Band5 | 1.4                | 20407         | 6          | #0             | 16QAM      | 25351.25              | -23.88                 | -13            | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | QPSK       | 25685.00              | -23.61                 | -13            | PASS    |
| NVNT      | Band5 | 1.4                | 20525         | 6          | #0             | 16QAM      | 25993.13              | -23.79                 | -13            | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 6          | #0             | QPSK       | 25791.25              | -23.93                 | -13            | PASS    |
| NVNT      | Band5 | 1.4                | 20643         | 6          | #0             | 16QAM      | 25985.63              | -24.09                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 15         | #0             | QPSK       | 25780.63              | -23.86                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20415         | 15         | #0             | 16QAM      | 25776.88              | -23.63                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 15         | #0             | QPSK       | 25570.63              | -23.87                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20525         | 15         | #0             | 16QAM      | 25368.75              | -24.16                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 15         | #0             | QPSK       | 25373.13              | -23.89                 | -13            | PASS    |
| NVNT      | Band5 | 3                  | 20635         | 15         | #0             | 16QAM      | 25529.38              | -23.82                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 25         | #0             | QPSK       | 25993.13              | -23.53                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20425         | 25         | #0             | 16QAM      | 25113.13              | -23.76                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 25         | #0             | QPSK       | 25373.75              | -23.84                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20525         | 25         | #0             | 16QAM      | 25768.13              | -23.18                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 25         | #0             | QPSK       | 24682.50              | -23.61                 | -13            | PASS    |
| NVNT      | Band5 | 5                  | 20625         | 25         | #0             | 16QAM      | 25166.25              | -23.21                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 50         | #0             | QPSK       | 24781.88              | -23.92                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20450         | 50         | #0             | 16QAM      | 25768.75              | -24.05                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 50         | #0             | QPSK       | 25830.00              | -24.28                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20525         | 50         | #0             | 16QAM      | 25965.00              | -23.66                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 50         | #0             | QPSK       | 25355.63              | -24.04                 | -13            | PASS    |
| NVNT      | Band5 | 10                 | 20600         | 50         | #0             | 16QAM      | 24690.00              | -24.14                 | -13            | PASS    |



Band5 QPSK BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT

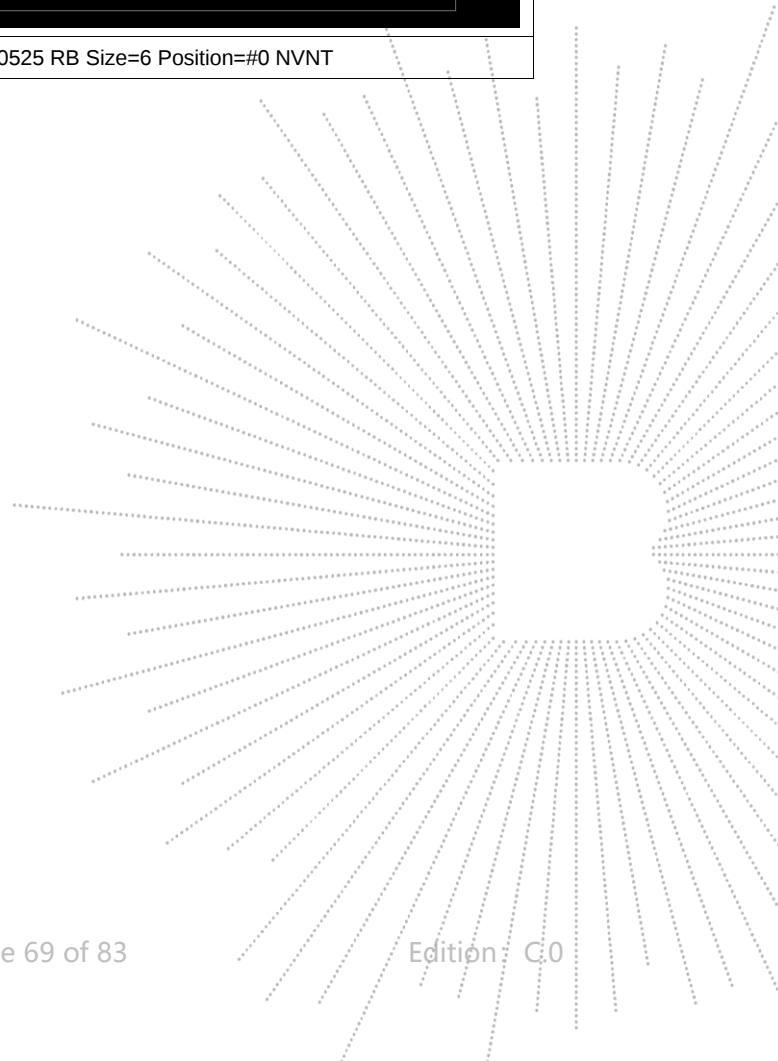


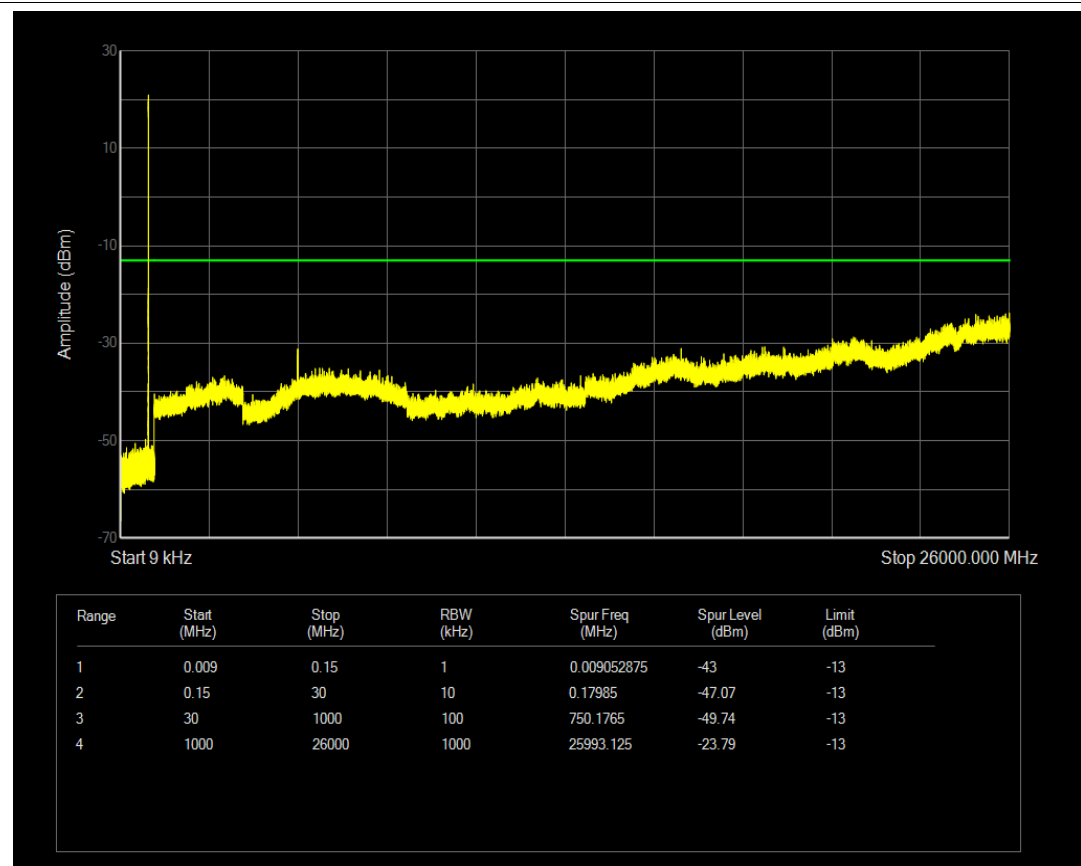
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=6 Position=#0 NVNT



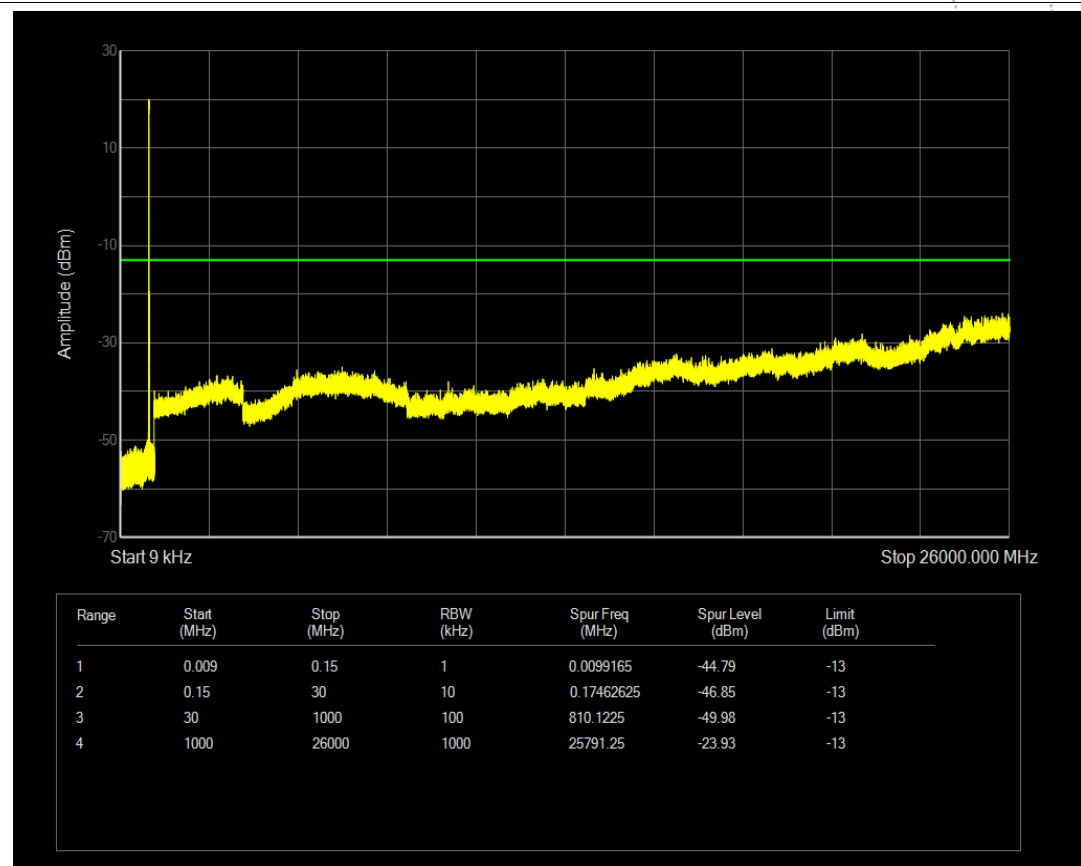
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009229125     | -45.88           | -13         |
| 2     | 0.15        | 30         | 10        | 6.1155225       | -47.61           | -13         |
| 3     | 30          | 1000       | 100       | 961.103         | -50.4            | -13         |
| 4     | 1000        | 26000      | 1000      | 25685           | -23.61           | -13         |

Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

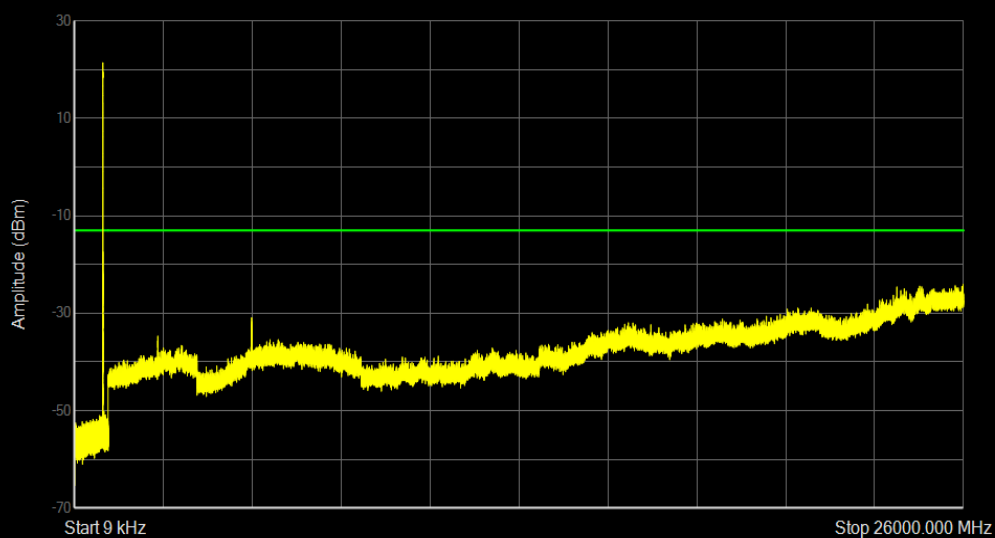




Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0 NVNT

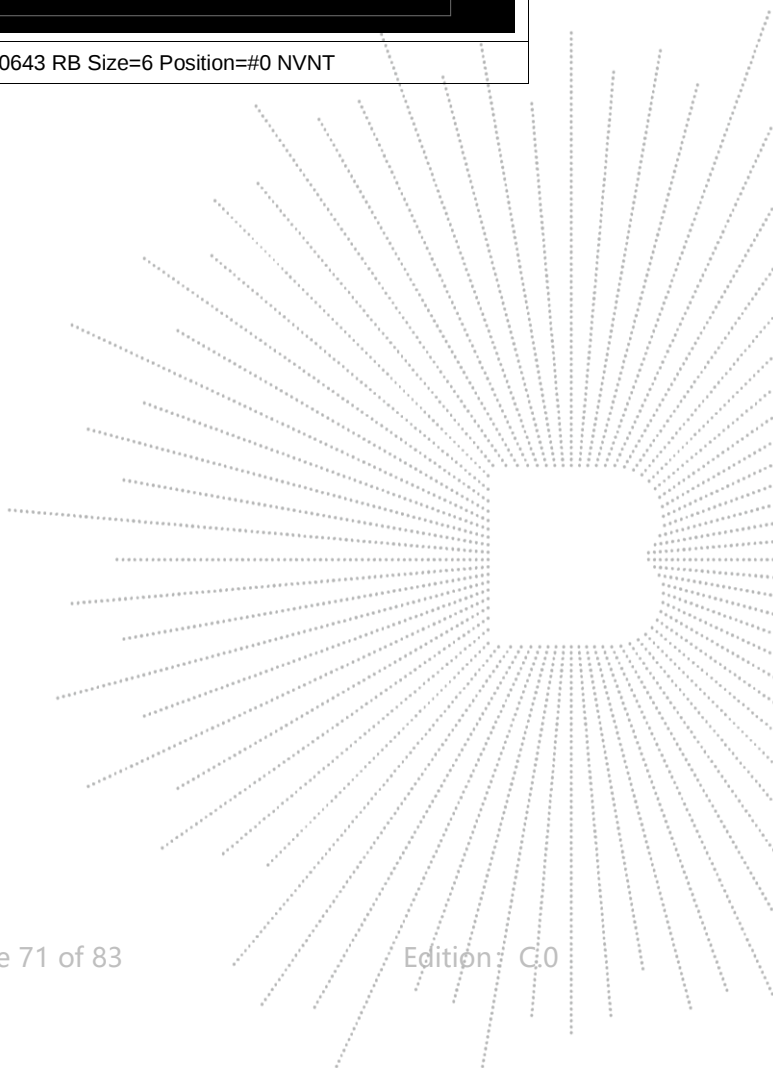


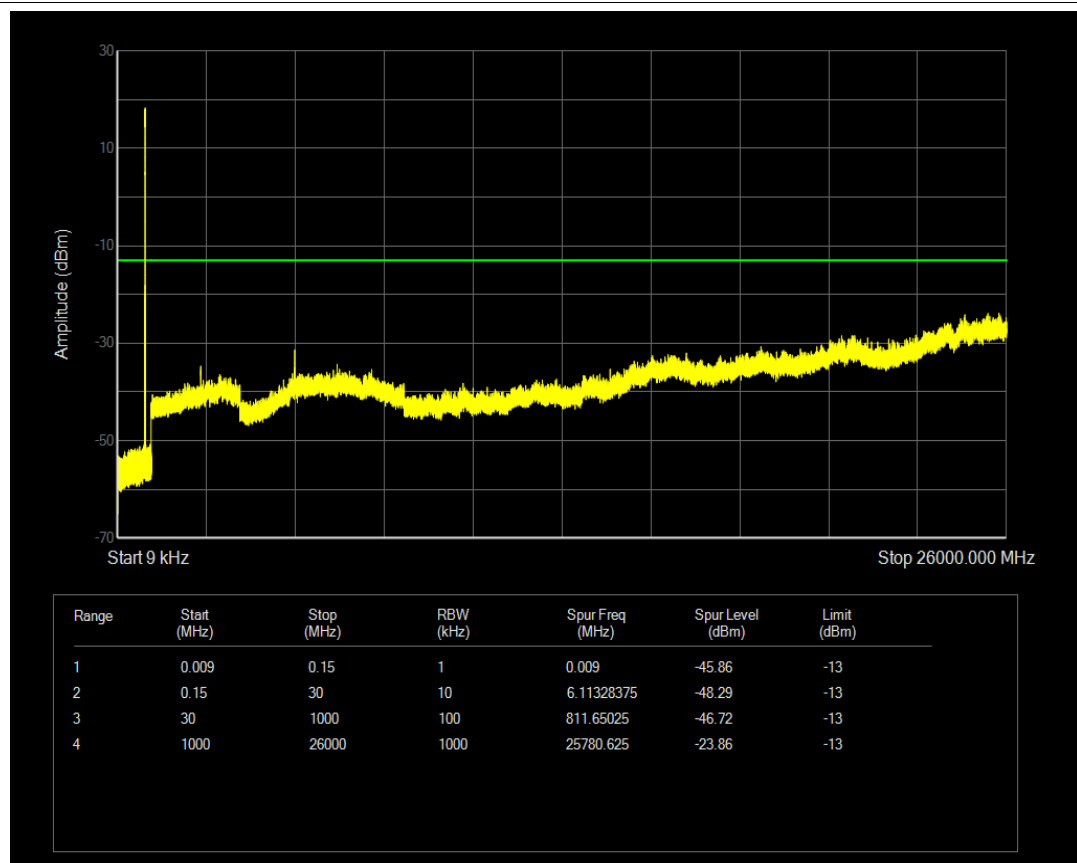
Band5 QPSK BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT



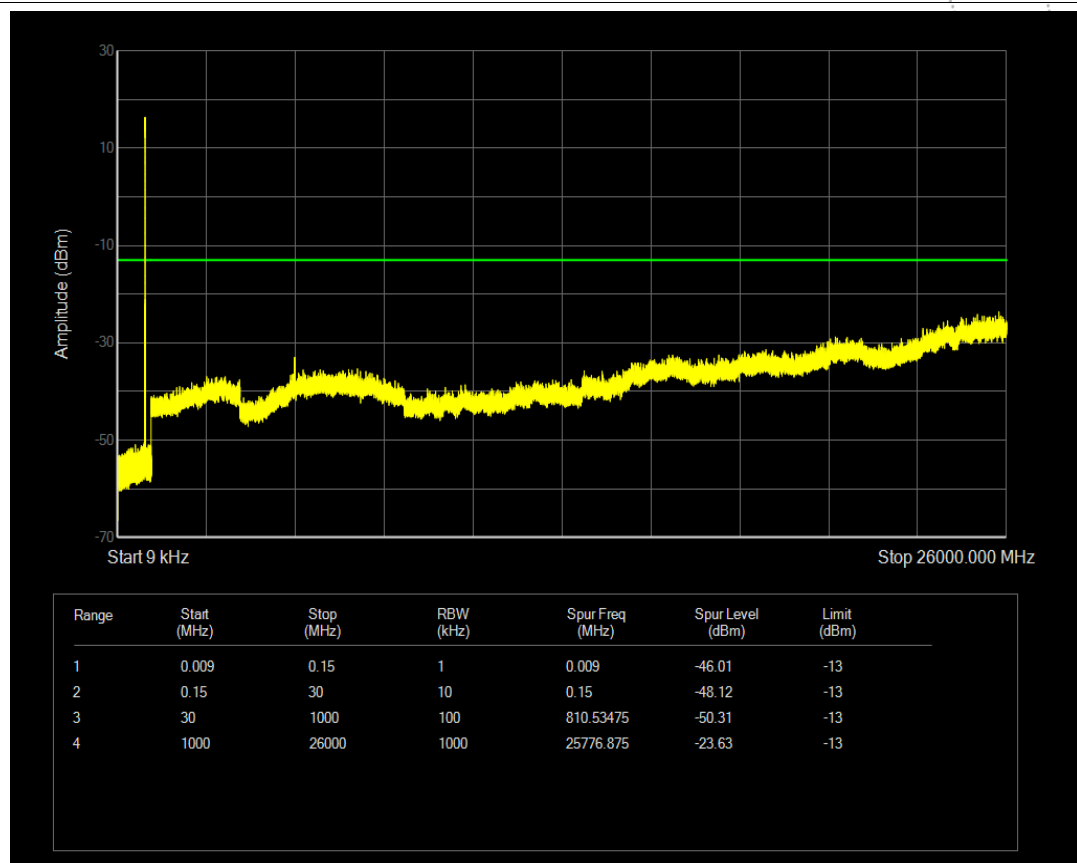
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -44.44           | -13         |
| 2     | 0.15        | 30         | 10        | 6.0946275       | -49.37           | -13         |
| 3     | 30          | 1000       | 100       | 877.61025       | -50.14           | -13         |
| 4     | 1000        | 26000      | 1000      | 25985.625       | -24.09           | -13         |

Band5 16QAM BW=1.4MHz Channel=20643 RB Size=6 Position=#0 NVNT

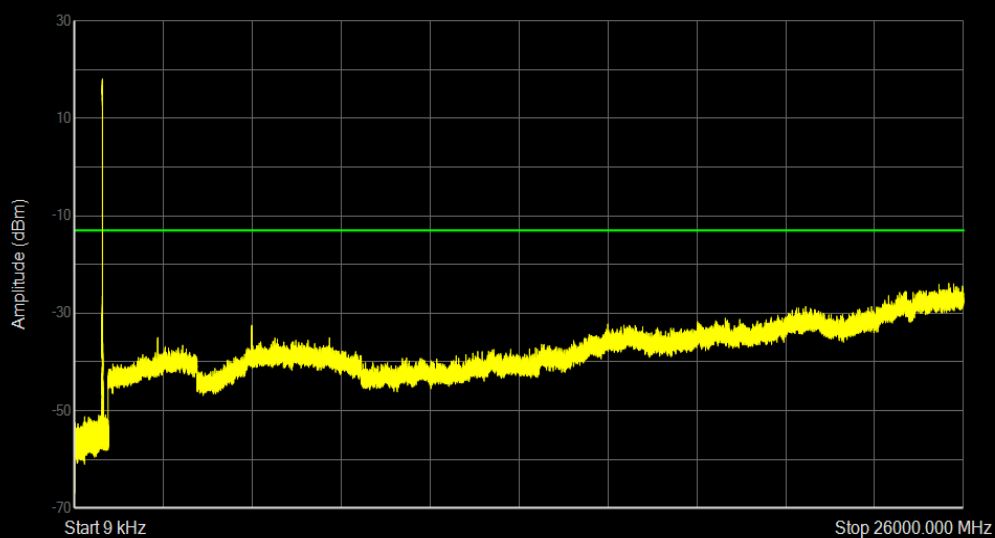




Band5 QPSK BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT

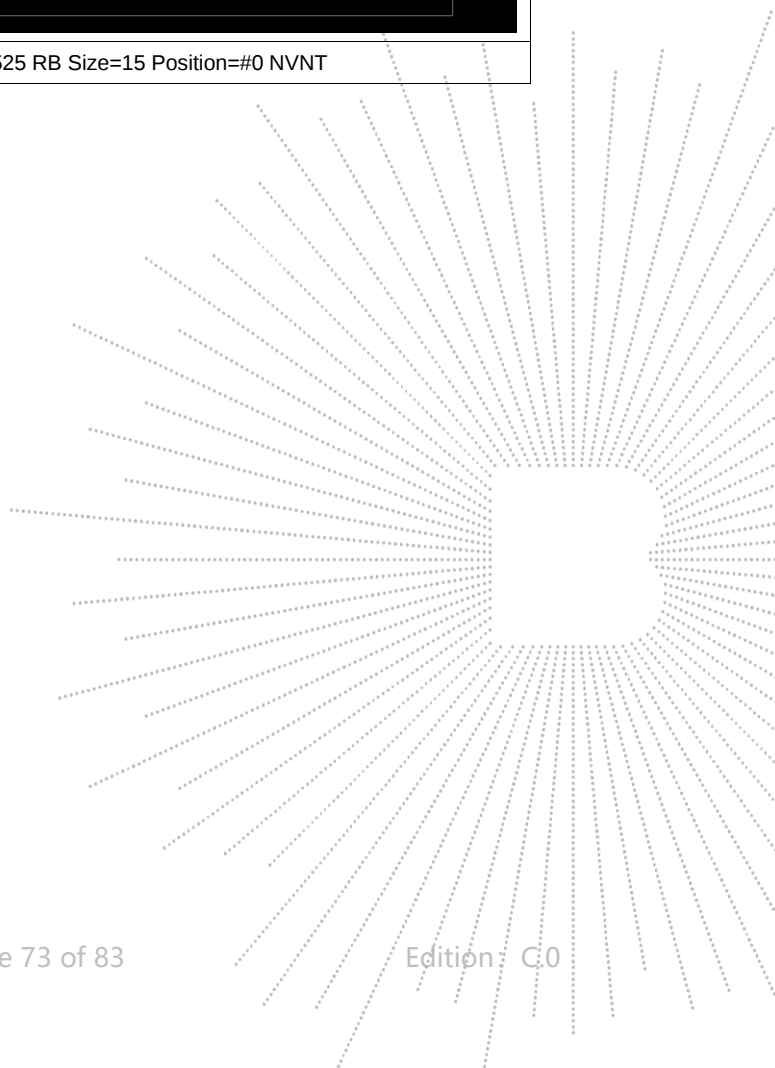


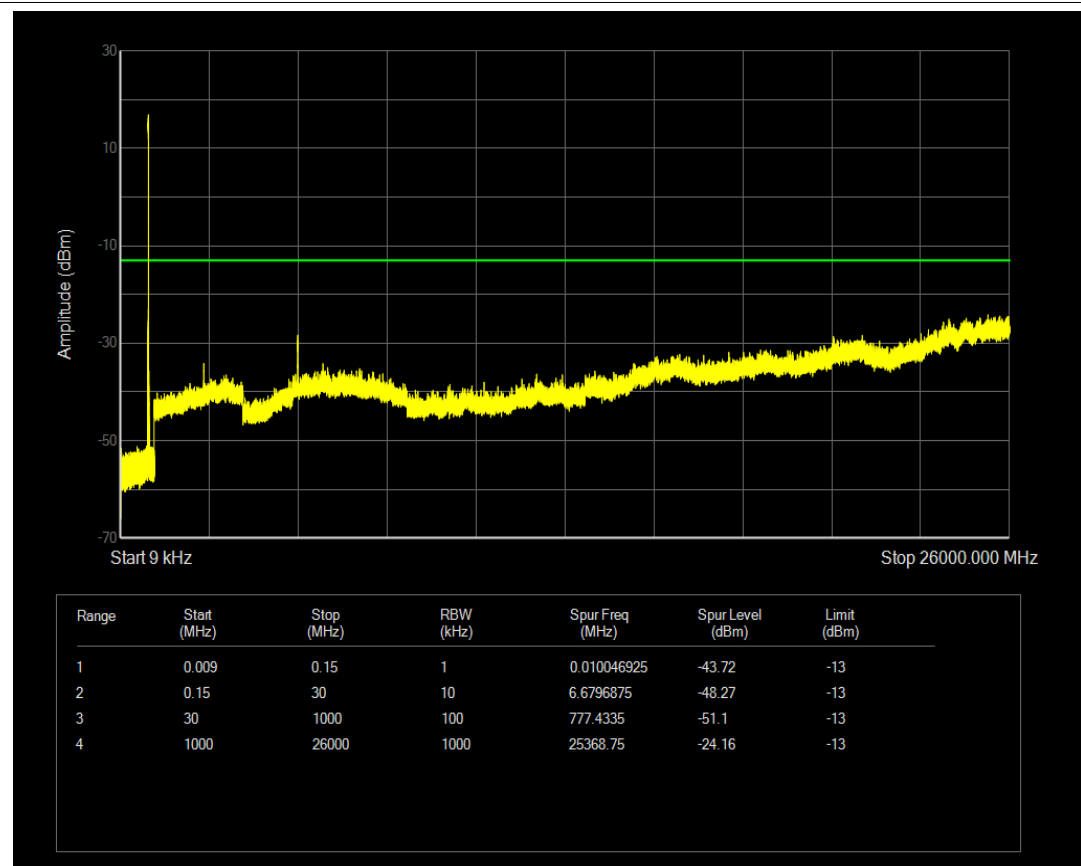
Band5 16QAM BW=3MHz Channel=20415 RB Size=15 Position=#0 NVNT



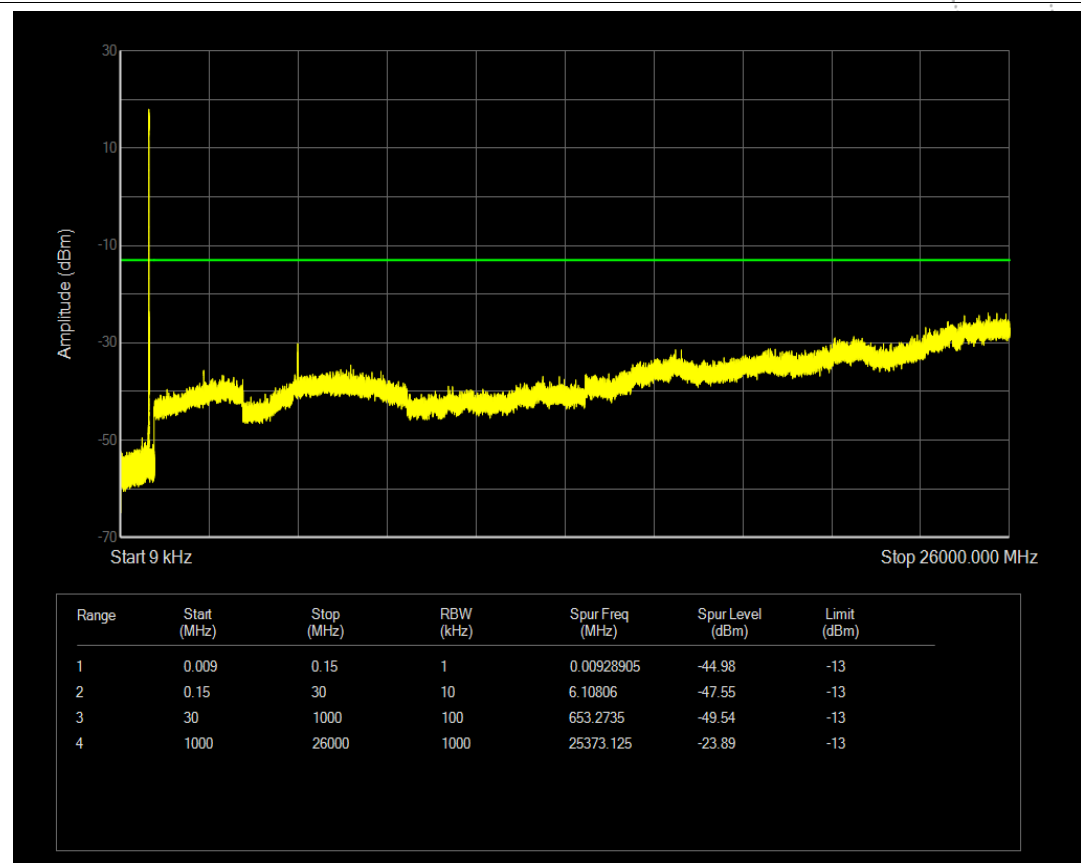
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009997575     | -46.22           | -13         |
| 2     | 0.15        | 30         | 10        | 6.0438825       | -47.33           | -13         |
| 3     | 30          | 1000       | 100       | 927.056         | -50.87           | -13         |
| 4     | 1000        | 26000      | 1000      | 25570.625       | -23.87           | -13         |

Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

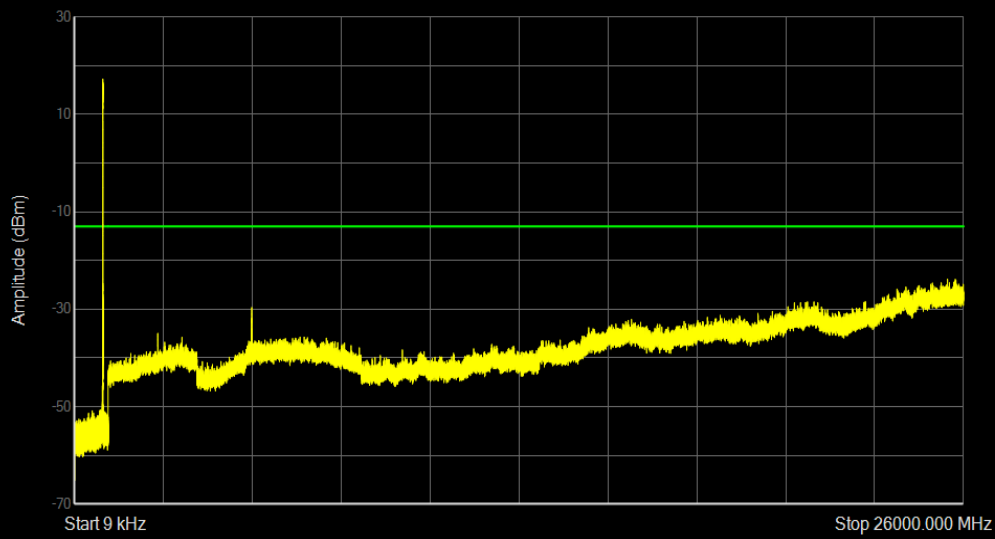




Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0 NVNT

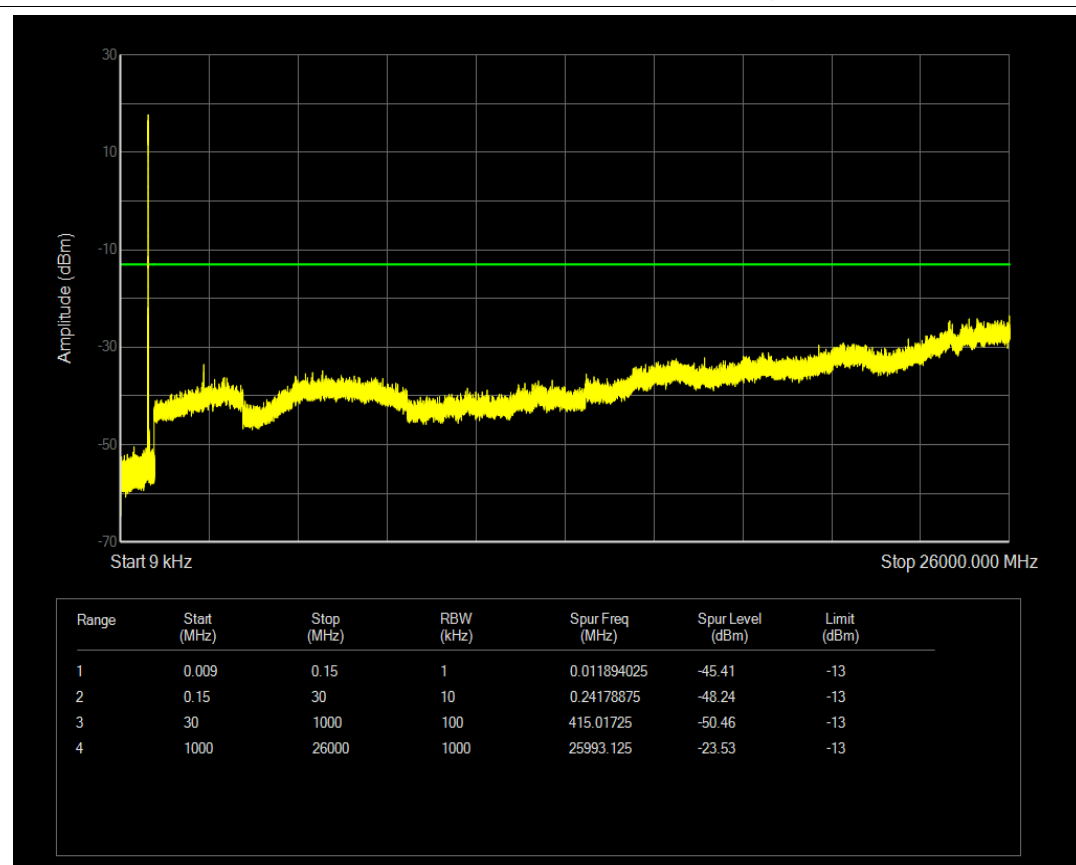


Band5 QPSK BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT

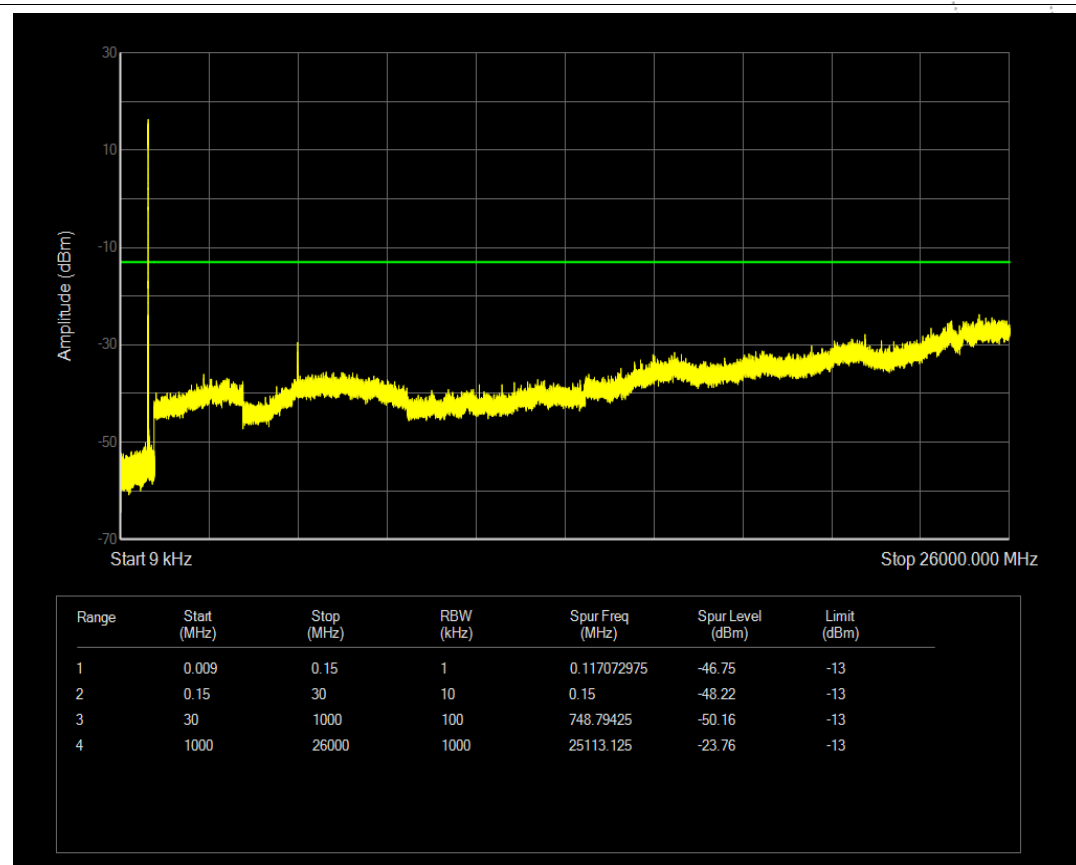


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.00900705      | -45.09           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15373125      | -48.27           | -13         |
| 3     | 30          | 1000       | 100       | 787.5215        | -50.7            | -13         |
| 4     | 1000        | 26000      | 1000      | 25529.375       | -23.82           | -13         |

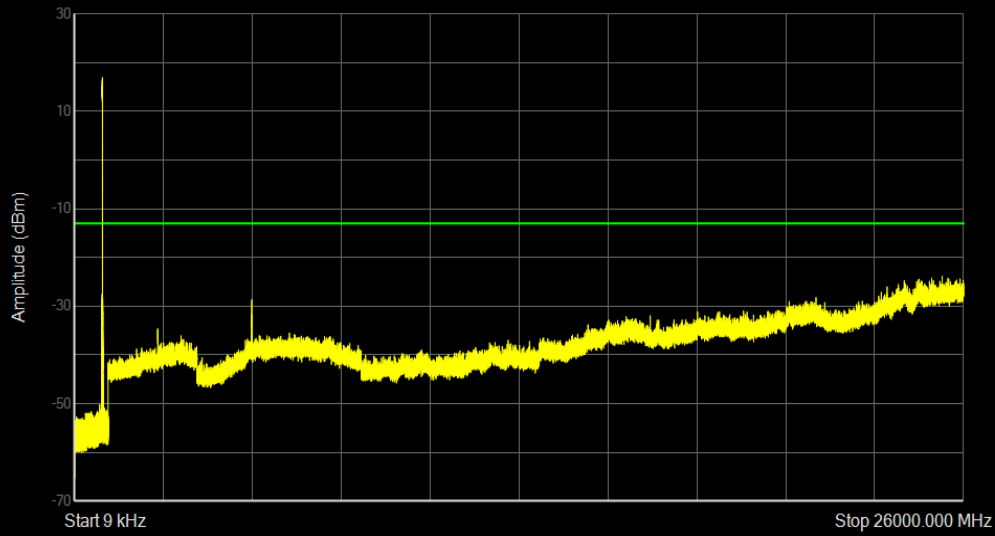
Band5 16QAM BW=3MHz Channel=20635 RB Size=15 Position=#0 NVNT



Band5 QPSK BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

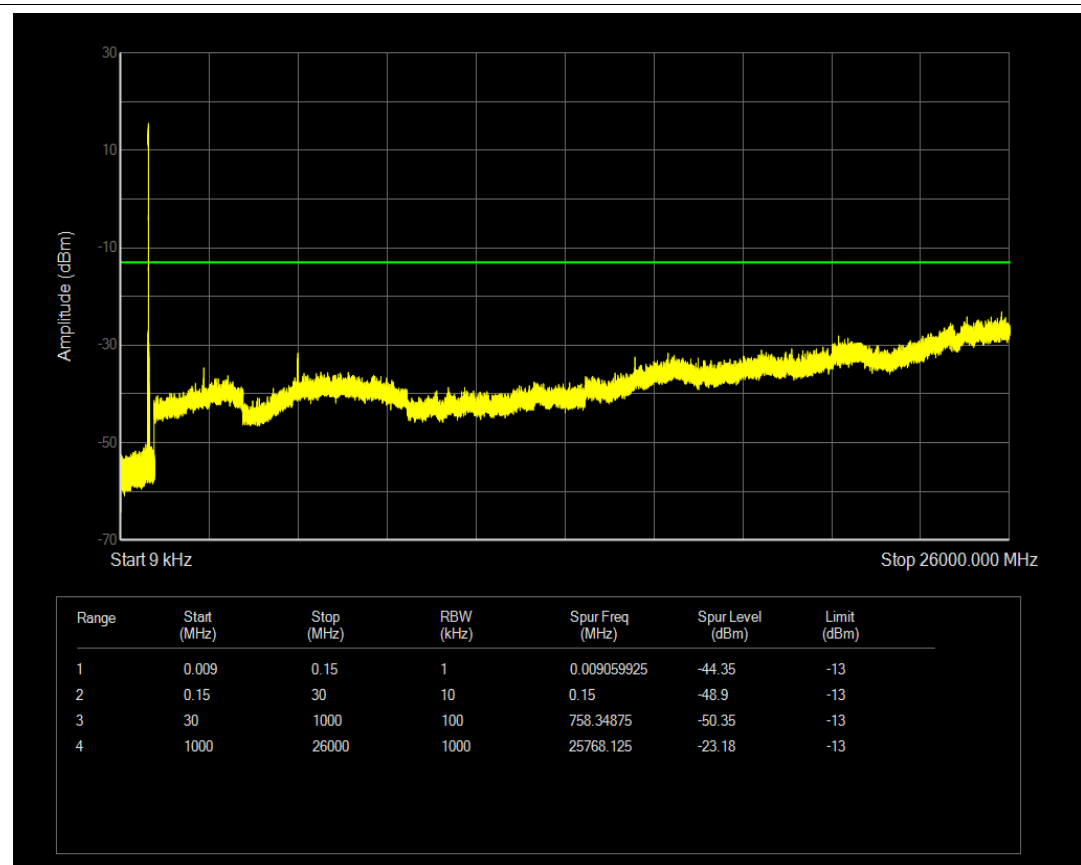


Band5 16QAM BW=5MHz Channel=20425 RB Size=25 Position=#0 NVNT

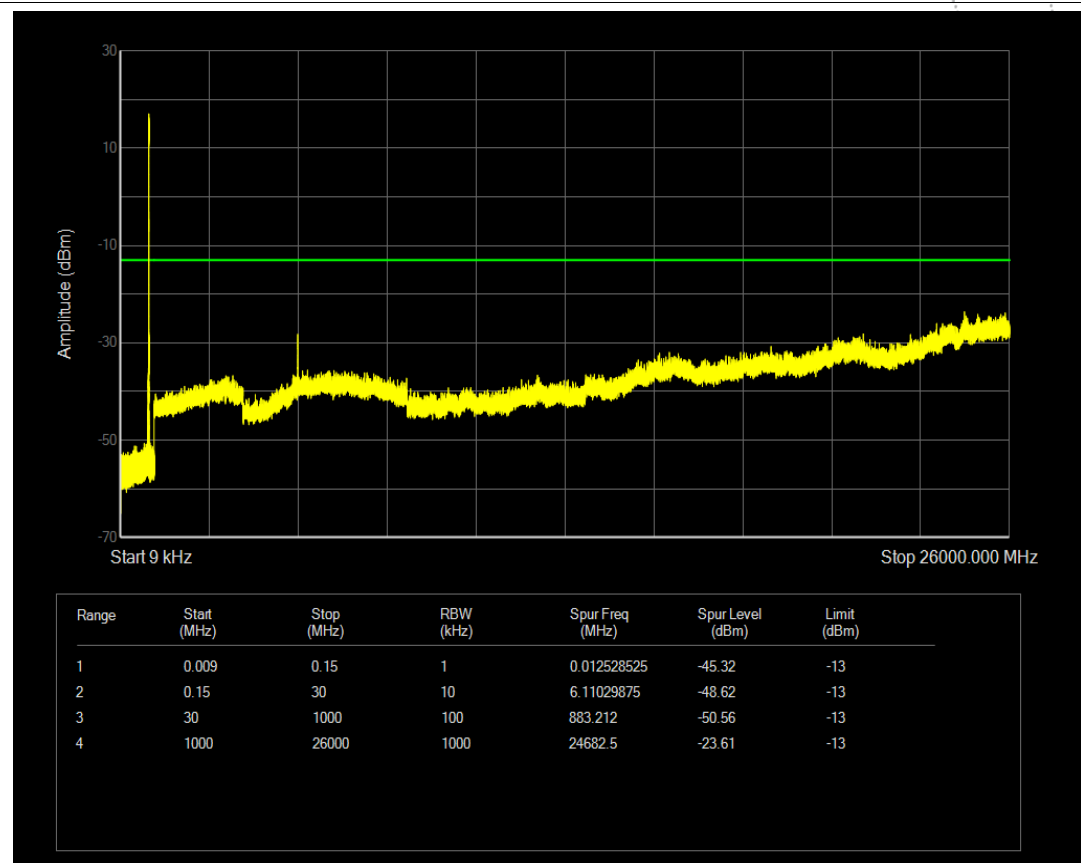


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0092256       | -46.35           | -13         |
| 2     | 0.15        | 30         | 10        | 6.10731375      | -48.33           | -13         |
| 3     | 30          | 1000       | 100       | 755.72975       | -50.19           | -13         |
| 4     | 1000        | 26000      | 1000      | 25373.75        | -23.84           | -13         |

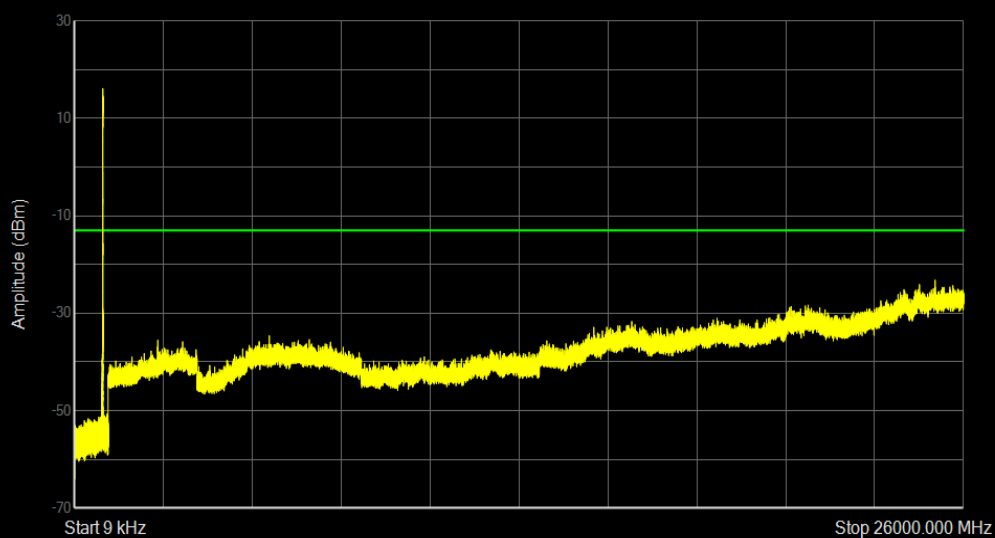
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT



Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0 NVNT

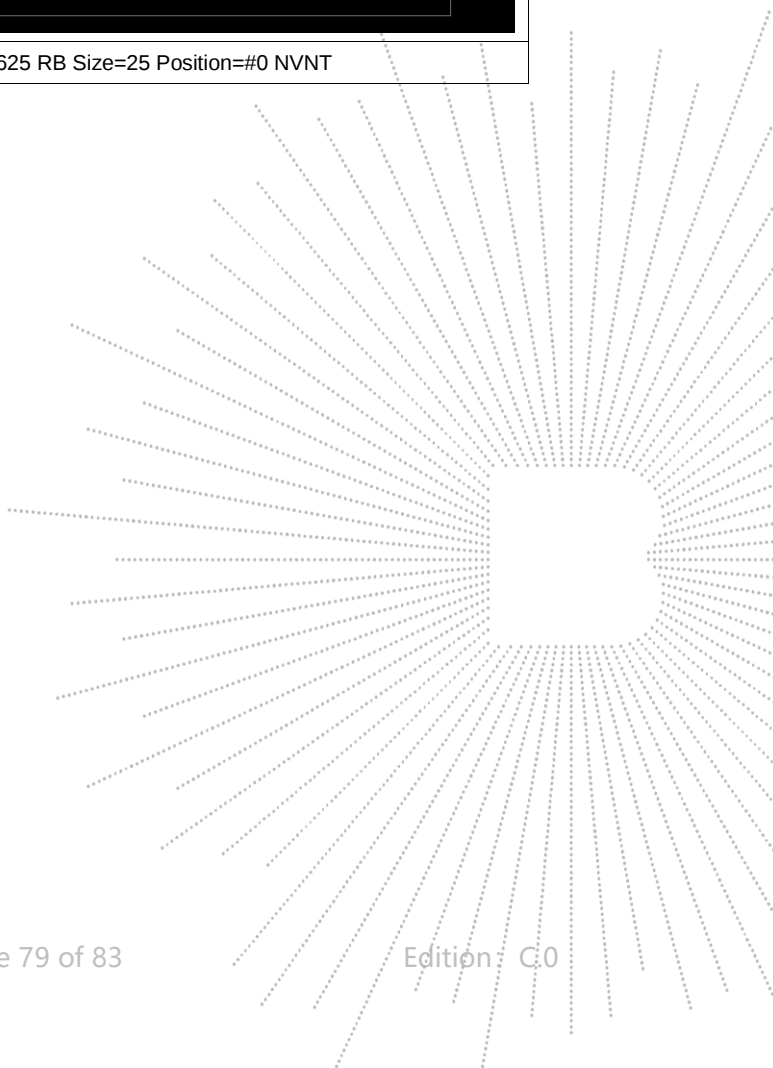


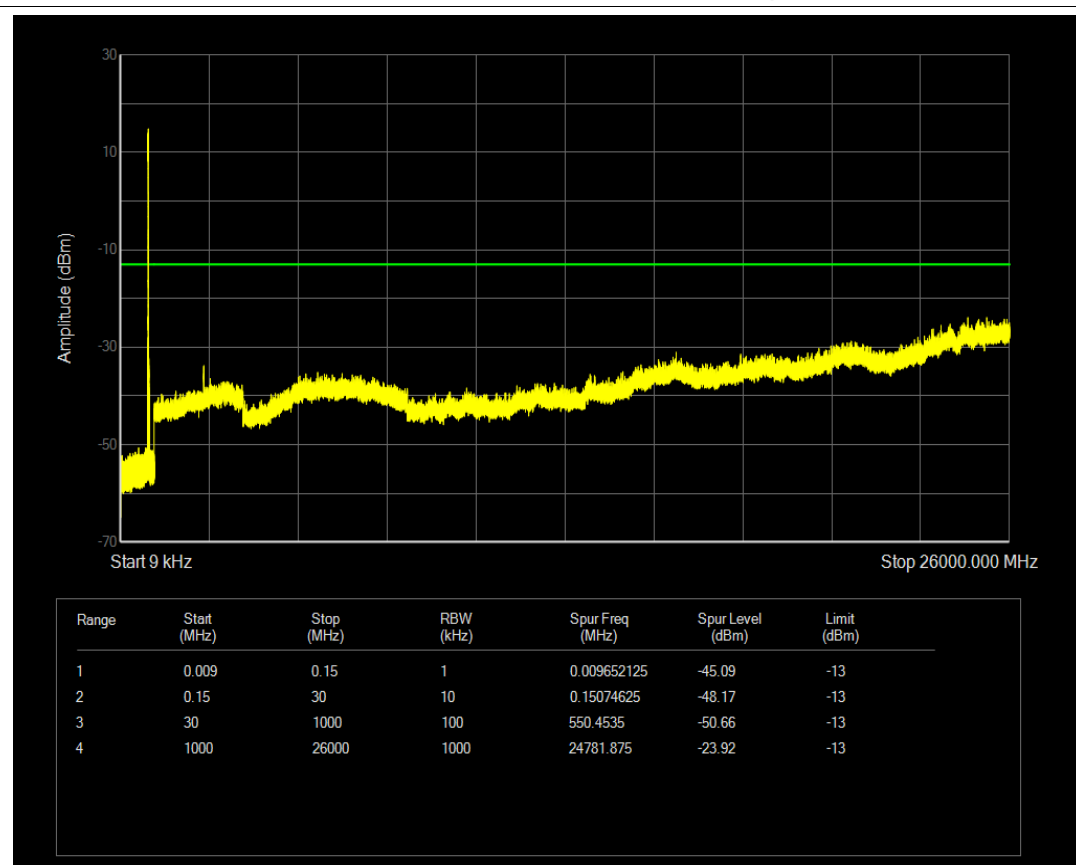
Band5 QPSK BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT



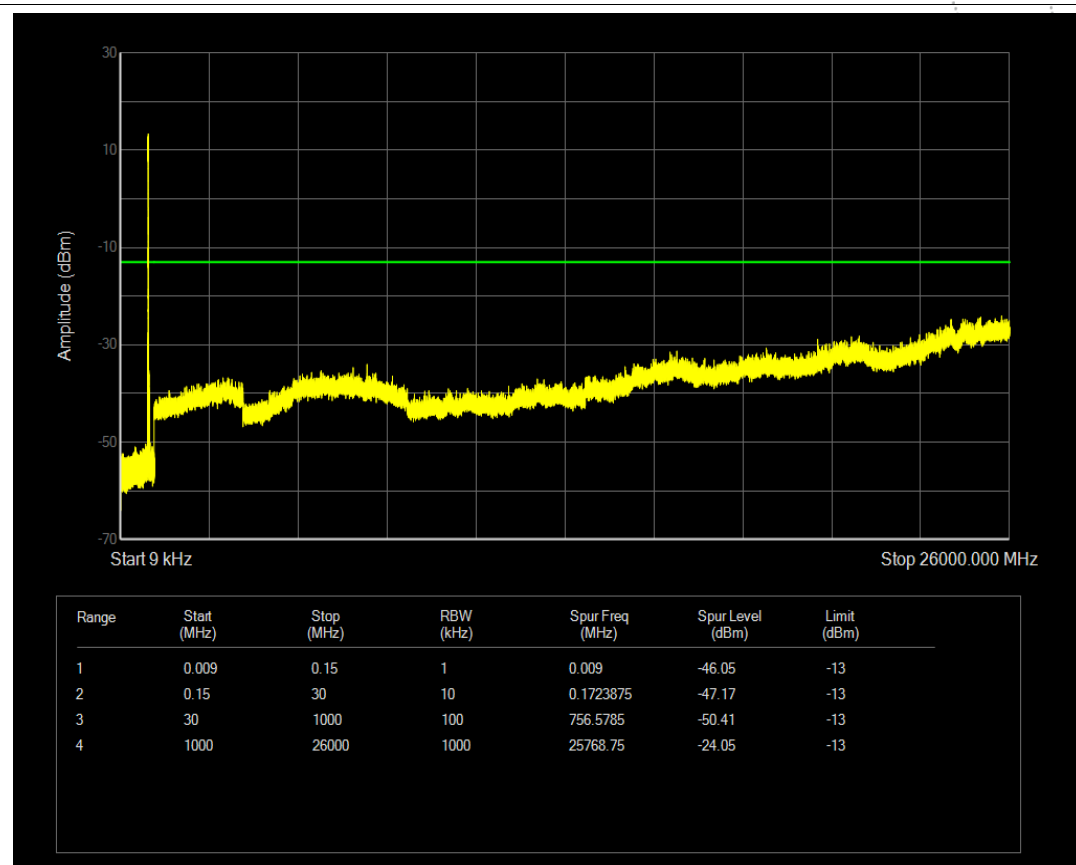
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.116339775     | -46.77           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1514925       | -49.31           | -13         |
| 3     | 30          | 1000       | 100       | 975.77425       | -50.68           | -13         |
| 4     | 1000        | 26000      | 1000      | 25166.25        | -23.21           | -13         |

Band5 16QAM BW=5MHz Channel=20625 RB Size=25 Position=#0 NVNT

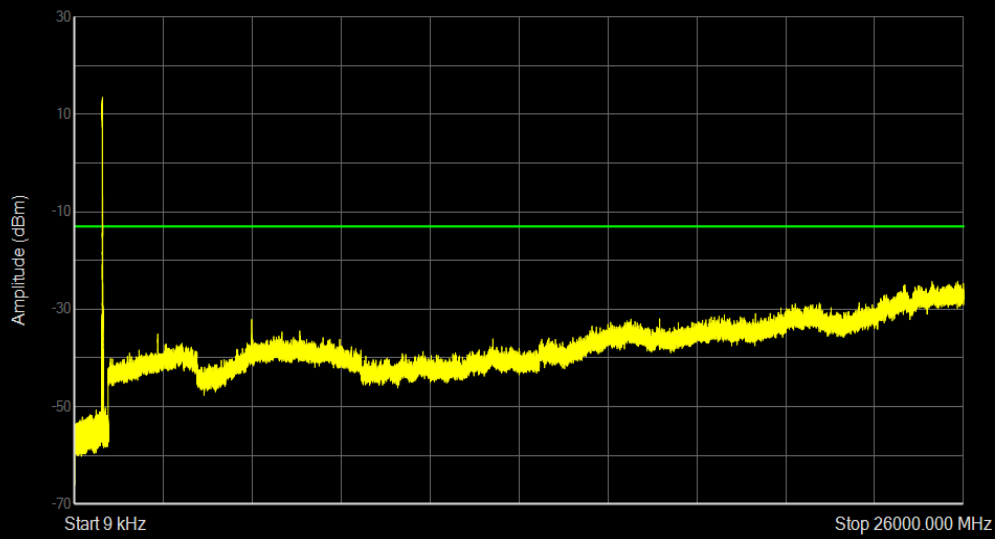




Band5 QPSK BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

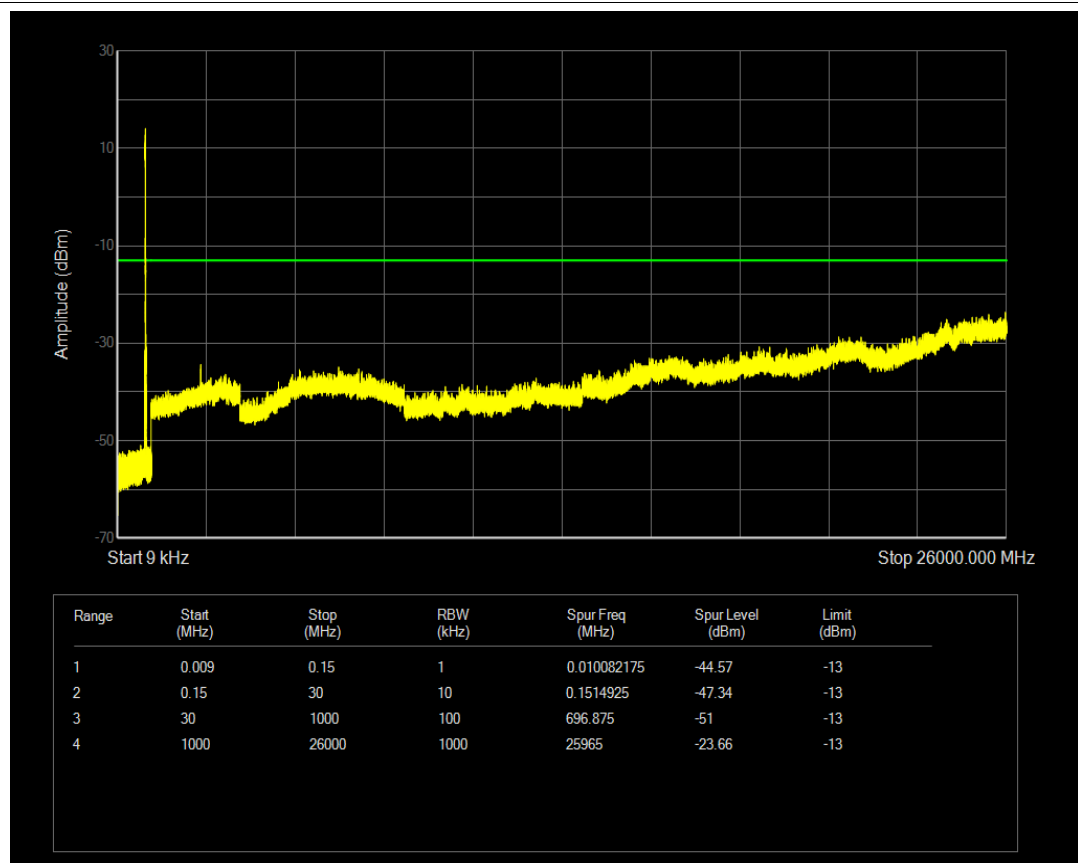


Band5 16QAM BW=10MHz Channel=20450 RB Size=50 Position=#0 NVNT

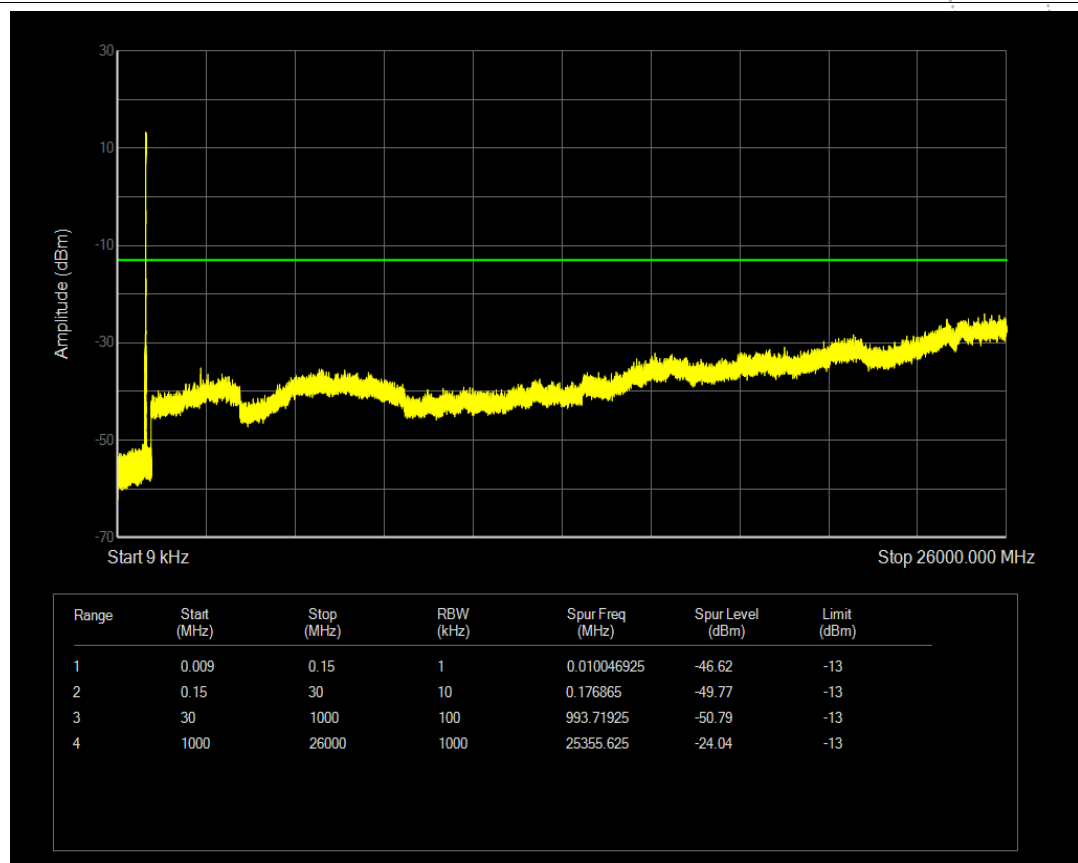


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009074025     | -45.37           | -13         |
| 2     | 0.15        | 30         | 10        | 0.17462625      | -48.89           | -13         |
| 3     | 30          | 1000       | 100       | 923.39425       | -50.22           | -13         |
| 4     | 1000        | 26000      | 1000      | 25830           | -24.28           | -13         |

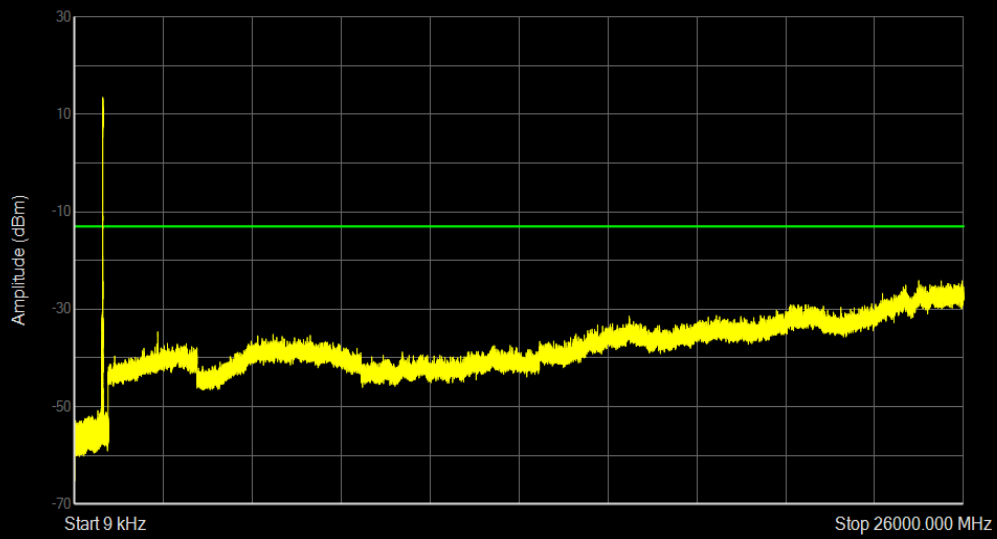
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0 NVNT



Band5 QPSK BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0100998       | -45.88           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15671625      | -49.45           | -13         |
| 3     | 30          | 1000       | 100       | 703.18          | -50.81           | -13         |
| 4     | 1000        | 26000      | 1000      | 24690           | -24.14           | -13         |

Band5 16QAM BW=10MHz Channel=20600 RB Size=50 Position=#0 NVNT