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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      | Band12 | 1.4                | 23017         | 1          | #0             | QPSK       | 23.76          | -1.74         | 19.87        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #Mid           | QPSK       | 23.78          | -1.74         | 19.89        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #Max           | QPSK       | 23.74          | -1.74         | 19.85        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #0             | QPSK       | 23.74          | -1.74         | 19.85        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #Mid           | QPSK       | 23.67          | -1.74         | 19.78        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #Max           | QPSK       | 23.75          | -1.74         | 19.86        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | QPSK       | 22.81          | -1.74         | 18.92        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #0             | 16QAM      | 22.66          | -1.74         | 18.77        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #Mid           | 16QAM      | 22.67          | -1.74         | 18.78        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #Max           | 16QAM      | 22.68          | -1.74         | 18.79        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #0             | 16QAM      | 23.05          | -1.74         | 19.16        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #Mid           | 16QAM      | 22.93          | -1.74         | 19.04        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 3          | #Max           | 16QAM      | 22.95          | -1.74         | 19.06        | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | 16QAM      | 22.00          | -1.74         | 18.11        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #0             | QPSK       | 0.00           | -1.74         | -3.89        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #Mid           | QPSK       | 23.68          | -1.74         | 19.79        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #Max           | QPSK       | 23.62          | -1.74         | 19.73        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #0             | QPSK       | 23.94          | -1.74         | 20.05        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #Mid           | QPSK       | 24.04          | -1.74         | 20.15        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #Max           | QPSK       | 23.95          | -1.74         | 20.06        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | QPSK       | 22.69          | -1.74         | 18.80        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #0             | 16QAM      | 22.22          | -1.74         | 18.33        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #Mid           | 16QAM      | 22.24          | -1.74         | 18.35        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #Max           | 16QAM      | 22.21          | -1.74         | 18.32        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #0             | 16QAM      | 22.86          | -1.74         | 18.97        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #Mid           | 16QAM      | 22.93          | -1.74         | 19.04        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 3          | #Max           | 16QAM      | 22.91          | -1.74         | 19.02        | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | 16QAM      | 21.77          | -1.74         | 17.88        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #0             | QPSK       | 23.86          | -1.74         | 19.97        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #Mid           | QPSK       | 23.90          | -1.74         | 20.01        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #Max           | QPSK       | 23.85          | -1.74         | 19.96        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 3          | #0             | QPSK       | 23.73          | -1.74         | 19.84        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 3          | #Mid           | QPSK       | 23.73          | -1.74         | 19.84        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 3          | #Max           | QPSK       | 23.77          | -1.74         | 19.88        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 6          | #0             | QPSK       | 22.84          | -1.74         | 18.95        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #0             | 16QAM      | 22.33          | -1.74         | 18.44        | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #Mid           | 16QAM      | 22.49          | -1.74         | 18.60        | PASS    |

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|      |        |     |       |    |      |       |       |       |       |      |
|------|--------|-----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band12 | 1.4 | 23173 | 1  | #Max | 16QAM | 22.41 | -1.74 | 18.52 | PASS |
| NVNT | Band12 | 1.4 | 23173 | 3  | #0   | 16QAM | 23.01 | -1.74 | 19.12 | PASS |
| NVNT | Band12 | 1.4 | 23173 | 3  | #Mid | 16QAM | 23.10 | -1.74 | 19.21 | PASS |
| NVNT | Band12 | 1.4 | 23173 | 3  | #Max | 16QAM | 23.06 | -1.74 | 19.17 | PASS |
| NVNT | Band12 | 1.4 | 23173 | 6  | #0   | 16QAM | 21.95 | -1.74 | 18.06 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #0   | QPSK  | 23.56 | -1.74 | 19.67 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #Mid | QPSK  | 23.54 | -1.74 | 19.65 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #Max | QPSK  | 23.79 | -1.74 | 19.90 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #0   | QPSK  | 22.72 | -1.74 | 18.83 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #Mid | QPSK  | 22.70 | -1.74 | 18.81 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #Max | QPSK  | 22.77 | -1.74 | 18.88 | PASS |
| NVNT | Band12 | 3   | 23025 | 15 | #0   | QPSK  | 22.77 | -1.74 | 18.88 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #0   | 16QAM | 22.61 | -1.74 | 18.72 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #Mid | 16QAM | 22.60 | -1.74 | 18.71 | PASS |
| NVNT | Band12 | 3   | 23025 | 1  | #Max | 16QAM | 22.53 | -1.74 | 18.64 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #0   | 16QAM | 21.75 | -1.74 | 17.86 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #Mid | 16QAM | 21.70 | -1.74 | 17.81 | PASS |
| NVNT | Band12 | 3   | 23025 | 8  | #Max | 16QAM | 21.72 | -1.74 | 17.83 | PASS |
| NVNT | Band12 | 3   | 23025 | 15 | #0   | 16QAM | 21.89 | -1.74 | 18.00 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #0   | QPSK  | 23.62 | -1.74 | 19.73 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #Mid | QPSK  | 23.65 | -1.74 | 19.76 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #Max | QPSK  | 23.66 | -1.74 | 19.77 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #0   | QPSK  | 22.82 | -1.74 | 18.93 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #Mid | QPSK  | 22.78 | -1.74 | 18.89 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #Max | QPSK  | 22.76 | -1.74 | 18.87 | PASS |
| NVNT | Band12 | 3   | 23095 | 15 | #0   | QPSK  | 22.78 | -1.74 | 18.89 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #0   | 16QAM | 22.21 | -1.74 | 18.32 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #Mid | 16QAM | 22.21 | -1.74 | 18.32 | PASS |
| NVNT | Band12 | 3   | 23095 | 1  | #Max | 16QAM | 22.17 | -1.74 | 18.28 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #0   | 16QAM | 21.75 | -1.74 | 17.86 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #Mid | 16QAM | 21.95 | -1.74 | 18.06 | PASS |
| NVNT | Band12 | 3   | 23095 | 8  | #Max | 16QAM | 21.96 | -1.74 | 18.07 | PASS |
| NVNT | Band12 | 3   | 23095 | 15 | #0   | 16QAM | 21.82 | -1.74 | 17.93 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #0   | QPSK  | 23.91 | -1.74 | 20.02 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #Mid | QPSK  | 23.92 | -1.74 | 20.03 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #Max | QPSK  | 23.90 | -1.74 | 20.01 | PASS |
| NVNT | Band12 | 3   | 23165 | 8  | #0   | QPSK  | 22.80 | -1.74 | 18.91 | PASS |
| NVNT | Band12 | 3   | 23165 | 8  | #Mid | QPSK  | 22.77 | -1.74 | 18.88 | PASS |
| NVNT | Band12 | 3   | 23165 | 8  | #Max | QPSK  | 22.80 | -1.74 | 18.91 | PASS |
| NVNT | Band12 | 3   | 23165 | 15 | #0   | QPSK  | 22.83 | -1.74 | 18.94 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #0   | 16QAM | 22.45 | -1.74 | 18.56 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #Mid | 16QAM | 22.33 | -1.74 | 18.44 | PASS |
| NVNT | Band12 | 3   | 23165 | 1  | #Max | 16QAM | 22.44 | -1.74 | 18.55 | PASS |
| NVNT | Band12 | 3   | 23165 | 8  | #0   | 16QAM | 21.91 | -1.74 | 18.02 | PASS |

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|      |        |   |       |    |      |       |       |       |       |      |
|------|--------|---|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band12 | 3 | 23165 | 8  | #Mid | 16QAM | 21.88 | -1.74 | 17.99 | PASS |
| NVNT | Band12 | 3 | 23165 | 8  | #Max | 16QAM | 21.93 | -1.74 | 18.04 | PASS |
| NVNT | Band12 | 3 | 23165 | 15 | #0   | 16QAM | 21.92 | -1.74 | 18.03 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #0   | QPSK  | 23.64 | -1.74 | 19.75 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #Mid | QPSK  | 23.85 | -1.74 | 19.96 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #Max | QPSK  | 23.81 | -1.74 | 19.92 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #0   | QPSK  | 22.75 | -1.74 | 18.86 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #Mid | QPSK  | 22.71 | -1.74 | 18.82 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #Max | QPSK  | 22.80 | -1.74 | 18.91 | PASS |
| NVNT | Band12 | 5 | 23035 | 25 | #0   | QPSK  | 22.66 | -1.74 | 18.77 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #0   | 16QAM | 21.65 | -1.74 | 17.76 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #Mid | 16QAM | 21.64 | -1.74 | 17.75 | PASS |
| NVNT | Band12 | 5 | 23035 | 1  | #Max | 16QAM | 21.68 | -1.74 | 17.79 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #0   | 16QAM | 21.82 | -1.74 | 17.93 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #Mid | 16QAM | 21.80 | -1.74 | 17.91 | PASS |
| NVNT | Band12 | 5 | 23035 | 12 | #Max | 16QAM | 21.79 | -1.74 | 17.90 | PASS |
| NVNT | Band12 | 5 | 23035 | 25 | #0   | 16QAM | 21.97 | -1.74 | 18.08 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #0   | QPSK  | 23.96 | -1.74 | 20.07 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #Mid | QPSK  | 23.92 | -1.74 | 20.03 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #Max | QPSK  | 23.77 | -1.74 | 19.88 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #0   | QPSK  | 22.94 | -1.74 | 19.05 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #Mid | QPSK  | 22.82 | -1.74 | 18.93 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #Max | QPSK  | 22.82 | -1.74 | 18.93 | PASS |
| NVNT | Band12 | 5 | 23095 | 25 | #0   | QPSK  | 22.74 | -1.74 | 18.85 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #0   | 16QAM | 21.55 | -1.74 | 17.66 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #Mid | 16QAM | 21.40 | -1.74 | 17.51 | PASS |
| NVNT | Band12 | 5 | 23095 | 1  | #Max | 16QAM | 21.45 | -1.74 | 17.56 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #0   | 16QAM | 21.58 | -1.74 | 17.69 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #Mid | 16QAM | 21.75 | -1.74 | 17.86 | PASS |
| NVNT | Band12 | 5 | 23095 | 12 | #Max | 16QAM | 21.77 | -1.74 | 17.88 | PASS |
| NVNT | Band12 | 5 | 23095 | 25 | #0   | 16QAM | 21.87 | -1.74 | 17.98 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #0   | QPSK  | 23.78 | -1.74 | 19.89 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #Mid | QPSK  | 23.75 | -1.74 | 19.86 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #Max | QPSK  | 23.66 | -1.74 | 19.77 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #0   | QPSK  | 22.74 | -1.74 | 18.85 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #Mid | QPSK  | 22.67 | -1.74 | 18.78 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #Max | QPSK  | 22.76 | -1.74 | 18.87 | PASS |
| NVNT | Band12 | 5 | 23155 | 25 | #0   | QPSK  | 22.73 | -1.74 | 18.84 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #0   | 16QAM | 21.56 | -1.74 | 17.67 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #Mid | 16QAM | 21.59 | -1.74 | 17.70 | PASS |
| NVNT | Band12 | 5 | 23155 | 1  | #Max | 16QAM | 21.71 | -1.74 | 17.82 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #0   | 16QAM | 22.02 | -1.74 | 18.13 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #Mid | 16QAM | 21.92 | -1.74 | 18.03 | PASS |
| NVNT | Band12 | 5 | 23155 | 12 | #Max | 16QAM | 21.87 | -1.74 | 17.98 | PASS |

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|      |        |    |       |    |      |       |       |       |       |      |
|------|--------|----|-------|----|------|-------|-------|-------|-------|------|
| NVNT | Band12 | 5  | 23155 | 25 | #0   | 16QAM | 21.86 | -1.74 | 17.97 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #0   | QPSK  | 23.58 | -1.74 | 19.69 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #Mid | QPSK  | 23.72 | -1.74 | 19.83 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #Max | QPSK  | 23.73 | -1.74 | 19.84 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #0   | QPSK  | 22.69 | -1.74 | 18.80 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #Mid | QPSK  | 22.79 | -1.74 | 18.90 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #Max | QPSK  | 22.96 | -1.74 | 19.07 | PASS |
| NVNT | Band12 | 10 | 23060 | 50 | #0   | QPSK  | 22.80 | -1.74 | 18.91 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #0   | 16QAM | 22.41 | -1.74 | 18.52 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #Mid | 16QAM | 22.51 | -1.74 | 18.62 | PASS |
| NVNT | Band12 | 10 | 23060 | 1  | #Max | 16QAM | 22.55 | -1.74 | 18.66 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #0   | 16QAM | 21.91 | -1.74 | 18.02 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #Mid | 16QAM | 21.81 | -1.74 | 17.92 | PASS |
| NVNT | Band12 | 10 | 23060 | 25 | #Max | 16QAM | 21.82 | -1.74 | 17.93 | PASS |
| NVNT | Band12 | 10 | 23060 | 50 | #0   | 16QAM | 21.90 | -1.74 | 18.01 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #0   | QPSK  | 23.73 | -1.74 | 19.84 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #Mid | QPSK  | 23.69 | -1.74 | 19.80 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #Max | QPSK  | 23.67 | -1.74 | 19.78 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #0   | QPSK  | 22.90 | -1.74 | 19.01 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #Mid | QPSK  | 22.85 | -1.74 | 18.96 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #Max | QPSK  | 22.91 | -1.74 | 19.02 | PASS |
| NVNT | Band12 | 10 | 23095 | 50 | #0   | QPSK  | 22.88 | -1.74 | 18.99 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #0   | 16QAM | 21.58 | -1.74 | 17.69 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #Mid | 16QAM | 21.77 | -1.74 | 17.88 | PASS |
| NVNT | Band12 | 10 | 23095 | 1  | #Max | 16QAM | 21.67 | -1.74 | 17.78 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #0   | 16QAM | 21.79 | -1.74 | 17.90 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #Mid | 16QAM | 21.91 | -1.74 | 18.02 | PASS |
| NVNT | Band12 | 10 | 23095 | 25 | #Max | 16QAM | 21.74 | -1.74 | 17.85 | PASS |
| NVNT | Band12 | 10 | 23095 | 50 | #0   | 16QAM | 21.85 | -1.74 | 17.96 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #0   | QPSK  | 23.92 | -1.74 | 20.03 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #Mid | QPSK  | 23.81 | -1.74 | 19.92 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #Max | QPSK  | 23.76 | -1.74 | 19.87 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #0   | QPSK  | 22.87 | -1.74 | 18.98 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #Mid | QPSK  | 22.93 | -1.74 | 19.04 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #Max | QPSK  | 22.89 | -1.74 | 19.00 | PASS |
| NVNT | Band12 | 10 | 23130 | 50 | #0   | QPSK  | 22.83 | -1.74 | 18.94 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #0   | 16QAM | 21.78 | -1.74 | 17.89 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #Mid | 16QAM | 21.60 | -1.74 | 17.71 | PASS |
| NVNT | Band12 | 10 | 23130 | 1  | #Max | 16QAM | 21.68 | -1.74 | 17.79 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #0   | 16QAM | 21.94 | -1.74 | 18.05 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #Mid | 16QAM | 21.80 | -1.74 | 17.91 | PASS |
| NVNT | Band12 | 10 | 23130 | 25 | #Max | 16QAM | 22.01 | -1.74 | 18.12 | PASS |
| NVNT | Band12 | 10 | 23130 | 50 | #0   | 16QAM | 21.77 | -1.74 | 17.88 | 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      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | QPSK       | LV            | NT              | 20.23       | 0.029        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | QPSK       | NV            | NT              | 15.66       | 0.022        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | QPSK       | HV            | NT              | 11.80       | 0.017        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | 16QAM      | LV            | NT              | 7.25        | 0.010        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | 16QAM      | NV            | NT              | 4.71        | 0.007        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23017      | 6       | #0          | 16QAM      | HV            | NT              | 4.13        | 0.006        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | QPSK       | LV            | NT              | 2.37        | 0.003        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | QPSK       | NV            | NT              | -0.26       | 0.000        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | QPSK       | HV            | NT              | -3.25       | -0.005       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | 16QAM      | LV            | NT              | -6.12       | -0.009       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | 16QAM      | NV            | NT              | -8.70       | -0.012       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23095      | 6       | #0          | 16QAM      | HV            | NT              | -9.53       | -0.013       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | QPSK       | LV            | NT              | 0.73        | 0.001        | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | QPSK       | NV            | NT              | -0.40       | -0.001       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | QPSK       | HV            | NT              | -3.26       | -0.005       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | 16QAM      | LV            | NT              | -7.58       | -0.011       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | 16QAM      | NV            | NT              | -8.78       | -0.012       | PASS    |
| NVNT      | Band1<br>2 | 1.4             | 23173      | 6       | #0          | 16QAM      | HV            | NT              | -11.44      | -0.016       | PASS    |
| NVNT      | Band1<br>2 | 3               | 23025      | 15      | #0          | QPSK       | LV            | NT              | 21.30       | 0.030        | PASS    |
| NVNT      | Band1      | 3               | 23025      | 15      | #0          | QPSK       | NV            | NT              | 15.18       | 0.022        | PASS    |

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|      |            |   |       |    |    |       |    |    |        |        |      |
|------|------------|---|-------|----|----|-------|----|----|--------|--------|------|
|      | 2          |   |       |    |    |       |    |    |        |        |      |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | QPSK  | HV | NT | 9.47   | 0.014  | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | LV | NT | 4.84   | 0.007  | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | NT | 0.92   | 0.001  | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | HV | NT | -1.22  | -0.002 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | LV | NT | 1.52   | 0.002  | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | NT | -0.89  | -0.001 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | HV | NT | -5.26  | -0.007 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | LV | NT | -10.01 | -0.014 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | NT | -13.35 | -0.019 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | HV | NT | -15.21 | -0.021 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | LV | NT | -0.66  | -0.001 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | NT | -3.29  | -0.005 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | HV | NT | -7.42  | -0.010 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | LV | NT | -9.36  | -0.013 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | NT | -11.59 | -0.016 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | HV | NT | -11.82 | -0.017 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | LV | NT | 22.56  | 0.032  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | NT | 16.89  | 0.024  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | HV | NT | 9.87   | 0.014  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | LV | NT | 3.65   | 0.005  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | NT | -0.89  | -0.001 | PASS |
| NVNT | Band1      | 5 | 23035 | 25 | #0 | 16QAM | HV | NT | -5.09  | -0.007 | PASS |

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|      |            |    |       |    |    |       |    |    |        |        |      |
|------|------------|----|-------|----|----|-------|----|----|--------|--------|------|
|      | 2          |    |       |    |    |       |    |    |        |        |      |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | QPSK  | LV | NT | 1.17   | 0.002  | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | QPSK  | NV | NT | -4.39  | -0.006 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | QPSK  | HV | NT | -10.34 | -0.015 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | LV | NT | -16.35 | -0.023 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | NV | NT | -19.60 | -0.028 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | HV | NT | -20.96 | -0.030 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | LV | NT | 6.49   | 0.009  | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | NT | 3.76   | 0.005  | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | HV | NT | -0.89  | -0.001 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | LV | NT | -3.95  | -0.006 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | NT | -4.91  | -0.007 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | HV | NT | -5.32  | -0.007 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | LV | NT | 17.80  | 0.025  | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | NT | 6.18   | 0.009  | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | HV | NT | -4.56  | -0.006 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | LV | NT | -10.54 | -0.015 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | NT | -14.89 | -0.021 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | HV | NT | -19.90 | -0.028 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | LV | NT | 0.80   | 0.001  | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | NT | -3.09  | -0.004 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | HV | NT | -8.64  | -0.012 | PASS |
| NVNT | Band1      | 10 | 23095 | 50 | #0 | 16QAM | LV | NT | -13.43 | -0.019 | PASS |

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|      |            |     |       |    |    |       |    |     |        |        |      |
|------|------------|-----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |     |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 10  | 23095 | 50 | #0 | 16QAM | NV | NT  | -16.57 | -0.023 | PASS |
| NVNT | Band1<br>2 | 10  | 23095 | 50 | #0 | 16QAM | HV | NT  | -17.61 | -0.025 | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | QPSK  | LV | NT  | 9.58   | 0.013  | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | QPSK  | NV | NT  | 4.23   | 0.006  | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | QPSK  | HV | NT  | 2.03   | 0.003  | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | 16QAM | LV | NT  | -1.16  | -0.002 | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | 16QAM | NV | NT  | 0.29   | 0.000  | PASS |
| NVNT | Band1<br>2 | 10  | 23130 | 50 | #0 | 16QAM | HV | NT  | -0.30  | 0.000  | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | -30 | -16.58 | -0.024 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | -20 | -37.18 | -0.053 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 0   | 0.24   | 0.000  | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 10  | -14.99 | -0.021 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 20  | -28.88 | -0.041 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 30  | -41.87 | -0.060 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 40  | -9.40  | -0.013 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | QPSK  | NV | 50  | -20.04 | -0.029 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | 16QAM | NV | -30 | -34.23 | -0.049 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | 16QAM | NV | -20 | -44.70 | -0.064 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | 16QAM | NV | 0   | -4.38  | -0.006 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | 16QAM | NV | 10  | -12.06 | -0.017 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6  | #0 | 16QAM | NV | 20  | -19.64 | -0.028 | PASS |
| NVNT | Band1      | 1.4 | 23017 | 6  | #0 | 16QAM | NV | 30  | -26.16 | -0.037 | PASS |

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|      |            |     |       |   |    |       |    |     |        |        |      |
|------|------------|-----|-------|---|----|-------|----|-----|--------|--------|------|
|      | 2          |     |       |   |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6 | #0 | 16QAM | NV | 40  | -32.03 | -0.046 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23017 | 6 | #0 | 16QAM | NV | 50  | -38.82 | -0.055 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | -30 | 0.01   | 0.000  | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | -20 | -9.63  | -0.014 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 0   | -18.88 | -0.027 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 10  | -29.07 | -0.041 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 20  | -38.57 | -0.055 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 30  | -27.19 | -0.038 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 40  | -14.93 | -0.021 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | QPSK  | NV | 50  | -22.59 | -0.032 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | -30 | -32.13 | -0.045 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | -20 | -38.77 | -0.055 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 0   | -43.89 | -0.062 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 10  | -3.62  | -0.005 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 20  | -9.44  | -0.013 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 30  | -13.55 | -0.019 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 40  | -18.63 | -0.026 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23095 | 6 | #0 | 16QAM | NV | 50  | -23.83 | -0.034 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6 | #0 | QPSK  | NV | -30 | -4.51  | -0.006 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6 | #0 | QPSK  | NV | -20 | -7.57  | -0.011 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6 | #0 | QPSK  | NV | 0   | -13.40 | -0.019 | PASS |
| NVNT | Band1      | 1.4 | 23173 | 6 | #0 | QPSK  | NV | 10  | -20.17 | -0.028 | PASS |

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|      |            |     |       |    |    |       |    |     |        |        |      |
|------|------------|-----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |     |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | QPSK  | NV | 20  | -26.41 | -0.037 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | QPSK  | NV | 30  | -31.07 | -0.043 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | QPSK  | NV | 40  | -37.01 | -0.052 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | QPSK  | NV | 50  | -40.81 | -0.057 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | -30 | -43.85 | -0.061 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | -20 | -1.83  | -0.003 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 0   | -3.62  | -0.005 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 10  | -5.35  | -0.007 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 20  | -7.85  | -0.011 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 30  | -11.94 | -0.017 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 40  | -13.96 | -0.020 | PASS |
| NVNT | Band1<br>2 | 1.4 | 23173 | 6  | #0 | 16QAM | NV | 50  | -16.64 | -0.023 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | -30 | 21.33  | 0.030  | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | -20 | 14.95  | 0.021  | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 0   | 6.52   | 0.009  | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 10  | -1.29  | -0.002 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 20  | -8.61  | -0.012 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 30  | -14.98 | -0.021 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 40  | -21.26 | -0.030 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | QPSK  | NV | 50  | -25.86 | -0.037 | PASS |
| NVNT | Band1<br>2 | 3   | 23025 | 15 | #0 | 16QAM | NV | -30 | -32.42 | -0.046 | PASS |
| NVNT | Band1      | 3   | 23025 | 15 | #0 | 16QAM | NV | -20 | -36.35 | -0.052 | PASS |

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|      |            |   |       |    |    |       |    |     |        |        |      |
|------|------------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 0   | -39.21 | -0.056 | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 10  | -40.98 | -0.059 | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 20  | -42.36 | -0.060 | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 30  | -44.29 | -0.063 | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 40  | -46.81 | -0.067 | PASS |
| NVNT | Band1<br>2 | 3 | 23025 | 15 | #0 | 16QAM | NV | 50  | -47.81 | -0.068 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | -30 | 3.75   | 0.005  | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | -20 | -1.06  | -0.001 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 0   | -6.87  | -0.010 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 10  | -12.92 | -0.018 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 20  | -19.08 | -0.027 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 30  | -25.75 | -0.036 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 40  | -31.21 | -0.044 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | QPSK  | NV | 50  | -36.51 | -0.052 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | -30 | -40.11 | -0.057 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | -20 | -44.13 | -0.062 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | 0   | -0.04  | 0.000  | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | 10  | -3.08  | -0.004 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | 20  | -4.66  | -0.007 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | 30  | -6.51  | -0.009 | PASS |
| NVNT | Band1<br>2 | 3 | 23095 | 15 | #0 | 16QAM | NV | 40  | -7.75  | -0.011 | PASS |
| NVNT | Band1      | 3 | 23095 | 15 | #0 | 16QAM | NV | 50  | -9.47  | -0.013 | PASS |

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|      |            |   |       |    |    |       |    |     |        |        |      |
|------|------------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | -30 | -3.79  | -0.005 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | -20 | -5.85  | -0.008 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 0   | -9.90  | -0.014 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 10  | -13.36 | -0.019 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 20  | -17.51 | -0.025 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 30  | -22.30 | -0.031 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 40  | -27.41 | -0.038 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | QPSK  | NV | 50  | -30.96 | -0.043 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | -30 | -34.89 | -0.049 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | -20 | -36.54 | -0.051 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 0   | -38.12 | -0.053 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 10  | -39.18 | -0.055 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 20  | -39.28 | -0.055 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 30  | -40.07 | -0.056 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 40  | -40.41 | -0.057 | PASS |
| NVNT | Band1<br>2 | 3 | 23165 | 15 | #0 | 16QAM | NV | 50  | -41.38 | -0.058 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | -30 | 23.02  | 0.033  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | -20 | 21.17  | 0.030  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | 0   | 16.57  | 0.024  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | 10  | 13.50  | 0.019  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | 20  | 10.20  | 0.015  | PASS |
| NVNT | Band1      | 5 | 23035 | 25 | #0 | QPSK  | NV | 30  | 7.15   | 0.010  | PASS |

## Report No.: STS2512458W04\_Appendix LTE Band 12

|      |            |   |       |    |    |       |    |     |        |        |      |
|------|------------|---|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |   |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | 40  | 4.29   | 0.006  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | QPSK  | NV | 50  | 3.10   | 0.004  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | -30 | 0.47   | 0.001  | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | -20 | -0.96  | -0.001 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 0   | -0.73  | -0.001 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 10  | -0.67  | -0.001 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 20  | -0.83  | -0.001 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 30  | -2.20  | -0.003 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 40  | -1.65  | -0.002 | PASS |
| NVNT | Band1<br>2 | 5 | 23035 | 25 | #0 | 16QAM | NV | 50  | 0.19   | 0.000  | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | -30 | -0.24  | 0.000  | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | -20 | -3.42  | -0.005 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 0   | -8.94  | -0.013 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 10  | -14.38 | -0.020 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 20  | -20.36 | -0.029 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 30  | -24.93 | -0.035 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 40  | -28.77 | -0.041 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | QPSK  | NV | 50  | -33.12 | -0.047 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | 16QAM | NV | -30 | -37.99 | -0.054 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | 16QAM | NV | -20 | -40.37 | -0.057 | PASS |
| NVNT | Band1<br>2 | 5 | 23095 | 25 | #0 | 16QAM | NV | 0   | -40.81 | -0.058 | PASS |
| NVNT | Band1      | 5 | 23095 | 25 | #0 | 16QAM | NV | 10  | -41.31 | -0.058 | PASS |

## Report No.: STS2512458W04\_Appendix LTE Band 12

|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | NV | 20  | -41.54 | -0.059 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | NV | 30  | -43.26 | -0.061 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | NV | 40  | -45.02 | -0.064 | PASS |
| NVNT | Band1<br>2 | 5  | 23095 | 25 | #0 | 16QAM | NV | 50  | -45.42 | -0.064 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | -30 | 2.68   | 0.004  | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | -20 | 0.16   | 0.000  | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 0   | -3.52  | -0.005 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 10  | -6.05  | -0.008 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 20  | -9.38  | -0.013 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 30  | -11.90 | -0.017 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 40  | -14.10 | -0.020 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | QPSK  | NV | 50  | -16.61 | -0.023 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | -30 | -19.41 | -0.027 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | -20 | -18.80 | -0.026 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 0   | -18.30 | -0.026 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 10  | -18.30 | -0.026 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 20  | -17.15 | -0.024 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 30  | -18.12 | -0.025 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 40  | -17.97 | -0.025 | PASS |
| NVNT | Band1<br>2 | 5  | 23155 | 25 | #0 | 16QAM | NV | 50  | -19.37 | -0.027 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | -30 | 26.35  | 0.037  | PASS |
| NVNT | Band1      | 10 | 23060 | 50 | #0 | QPSK  | NV | -20 | 15.78  | 0.022  | PASS |

## Report No.: STS2512458W04\_Appendix LTE Band 12

|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 0   | 3.73   | 0.005  | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 10  | -5.32  | -0.008 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 20  | -12.36 | -0.018 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 30  | -17.62 | -0.025 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 40  | -21.13 | -0.030 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | QPSK  | NV | 50  | -24.73 | -0.035 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | -30 | -28.67 | -0.041 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | -20 | -31.30 | -0.044 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 0   | -32.17 | -0.046 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 10  | -33.66 | -0.048 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 20  | -34.03 | -0.048 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 30  | -35.71 | -0.051 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 40  | -37.42 | -0.053 | PASS |
| NVNT | Band1<br>2 | 10 | 23060 | 50 | #0 | 16QAM | NV | 50  | -38.81 | -0.055 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | -30 | -1.82  | -0.003 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | -20 | -7.28  | -0.010 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | 0   | -12.23 | -0.017 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | 10  | -17.94 | -0.025 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | 20  | -22.79 | -0.032 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | 30  | -26.66 | -0.038 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | QPSK  | NV | 40  | -29.55 | -0.042 | PASS |
| NVNT | Band1      | 10 | 23095 | 50 | #0 | QPSK  | NV | 50  | -32.22 | -0.046 | PASS |

## Report No.: STS2512458W04\_Appendix LTE Band 12

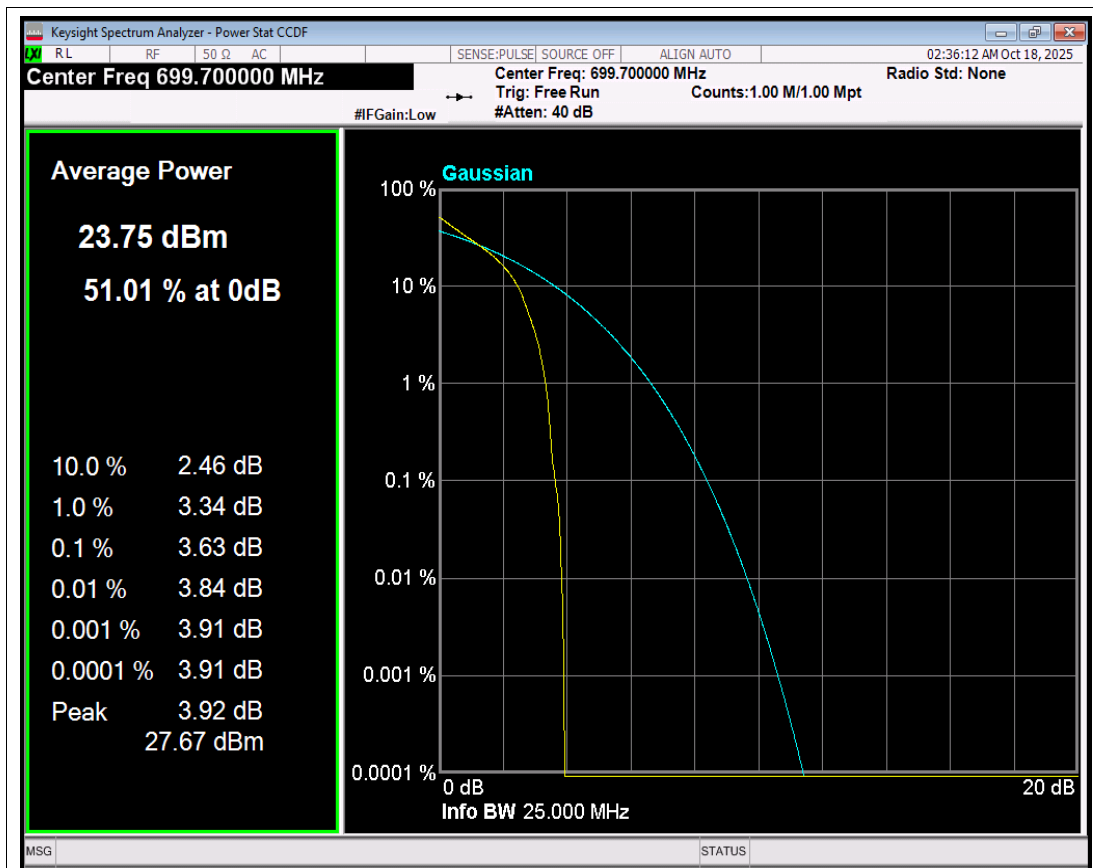
|      |            |    |       |    |    |       |    |     |        |        |      |
|------|------------|----|-------|----|----|-------|----|-----|--------|--------|------|
|      | 2          |    |       |    |    |       |    |     |        |        |      |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | -30 | -35.03 | -0.050 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | -20 | -36.13 | -0.051 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 0   | -38.75 | -0.055 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 10  | -38.88 | -0.055 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 20  | -39.00 | -0.055 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 30  | -39.17 | -0.055 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 40  | -39.55 | -0.056 | PASS |
| NVNT | Band1<br>2 | 10 | 23095 | 50 | #0 | 16QAM | NV | 50  | -40.20 | -0.057 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | -30 | -2.23  | -0.003 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | -20 | -5.52  | -0.008 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 0   | -10.14 | -0.014 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 10  | -11.76 | -0.017 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 20  | -15.23 | -0.021 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 30  | -19.13 | -0.027 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 40  | -22.47 | -0.032 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | QPSK  | NV | 50  | -24.70 | -0.035 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | -30 | -26.04 | -0.037 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | -20 | -27.68 | -0.039 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | 0   | -27.58 | -0.039 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | 10  | -27.51 | -0.039 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | 20  | -26.75 | -0.038 | PASS |
| NVNT | Band1      | 10 | 23130 | 50 | #0 | 16QAM | NV | 30  | -26.95 | -0.038 | PASS |

## Report No.: STS2512458W04\_Appendix LTE Band 12

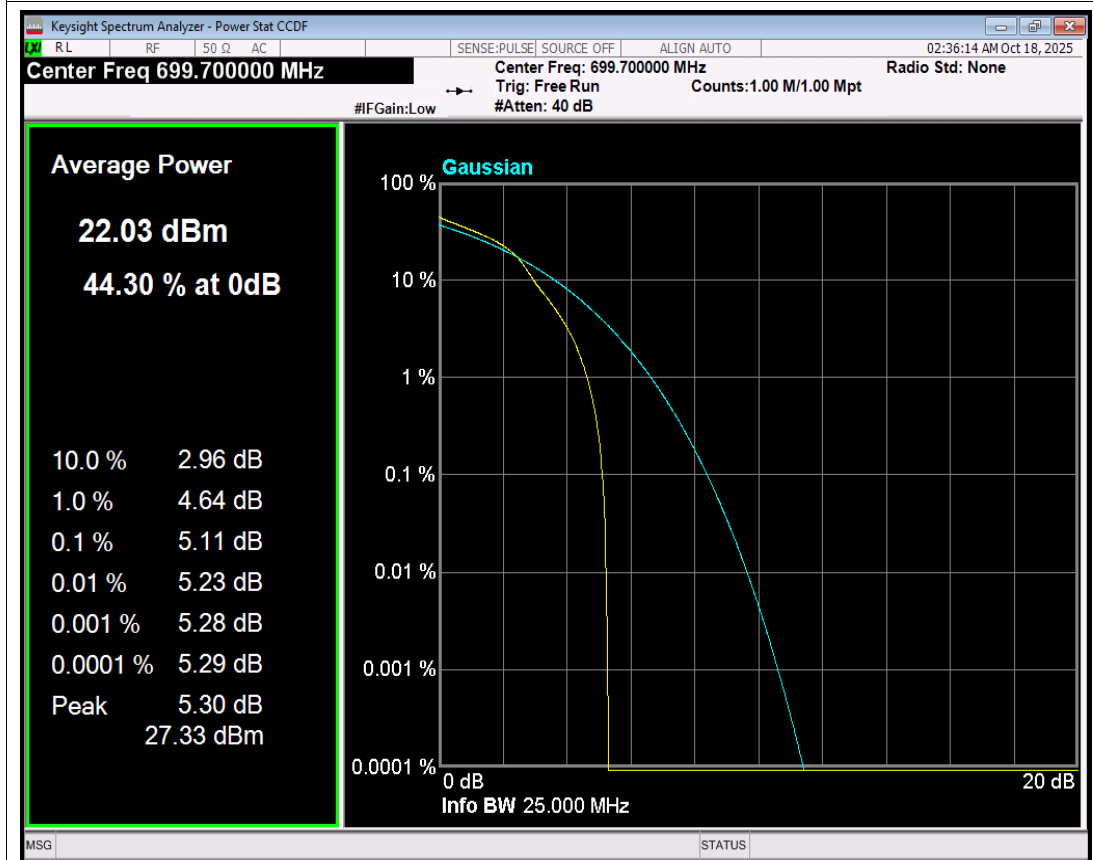
|      |            |    |       |    |    |       |    |    |        |        |      |
|------|------------|----|-------|----|----|-------|----|----|--------|--------|------|
|      | 2          |    |       |    |    |       |    |    |        |        |      |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | 40 | -27.09 | -0.038 | PASS |
| NVNT | Band1<br>2 | 10 | 23130 | 50 | #0 | 16QAM | NV | 50 | -26.56 | -0.037 | PASS |

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

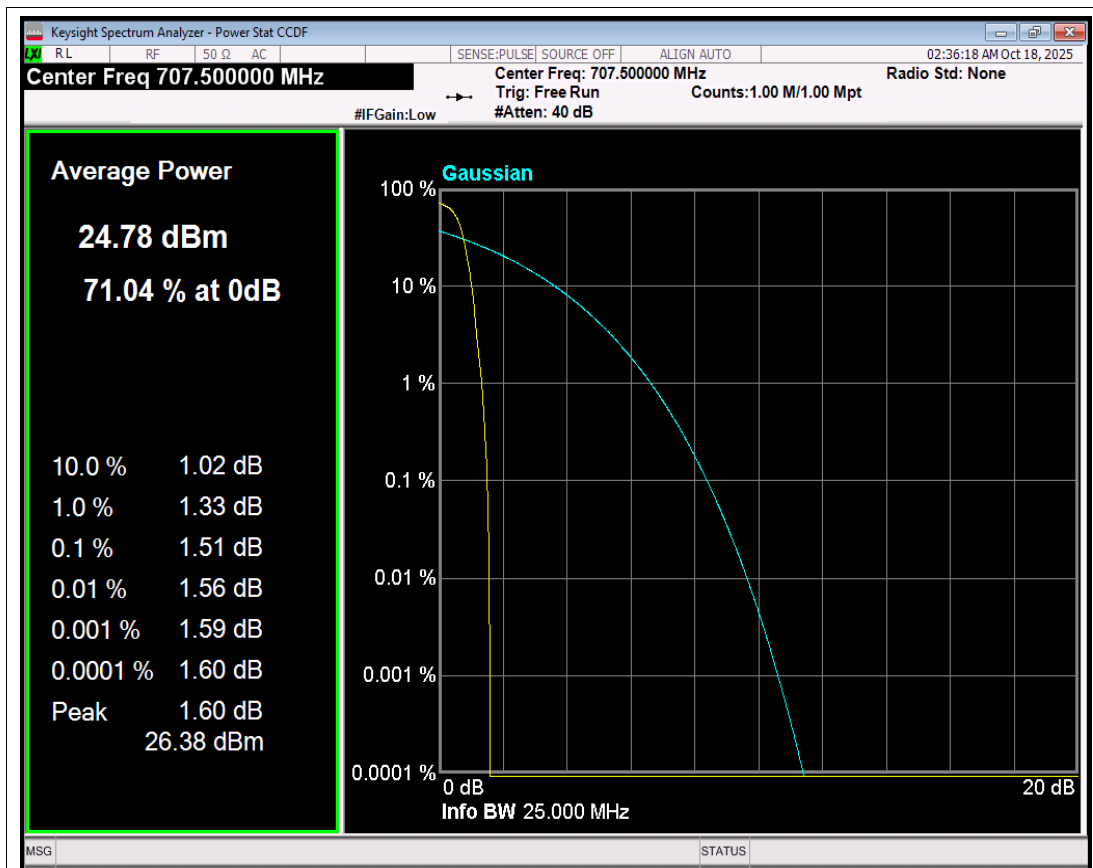
| Condition | Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Result<br>(dB) | high Limit<br>(dB) | Verdict |
|-----------|--------|--------------------|---------------|------------|----------------|------------|----------------|--------------------|---------|
| NVNT      | Band12 | 1.4                | 23017         | 1          | #0             | QPSK       | 3.63           | 13                 | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 1          | #0             | 16QAM      | 5.11           | 13                 | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #0             | QPSK       | 1.51           | 13                 | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 1          | #0             | 16QAM      | 2.51           | 13                 | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #0             | QPSK       | 2.48           | 13                 | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 1          | #0             | 16QAM      | 4.41           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 1          | #0             | QPSK       | 3.66           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 1          | #0             | 16QAM      | 5.54           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 1          | #0             | QPSK       | 1.40           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 1          | #0             | 16QAM      | 2.11           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 1          | #0             | QPSK       | 1.83           | 13                 | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 1          | #0             | 16QAM      | 3.69           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 1          | #0             | QPSK       | 3.73           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 1          | #0             | 16QAM      | 5.81           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 1          | #0             | QPSK       | 1.35           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 1          | #0             | 16QAM      | 2.10           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 1          | #0             | QPSK       | 2.10           | 13                 | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 1          | #0             | 16QAM      | 3.88           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 1          | #0             | QPSK       | 3.68           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 1          | #0             | 16QAM      | 5.73           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 1          | #0             | QPSK       | 1.32           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 1          | #0             | 16QAM      | 2.93           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 1          | #0             | QPSK       | 1.41           | 13                 | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 1          | #0             | 16QAM      | 2.88           | 13                 | PASS    |



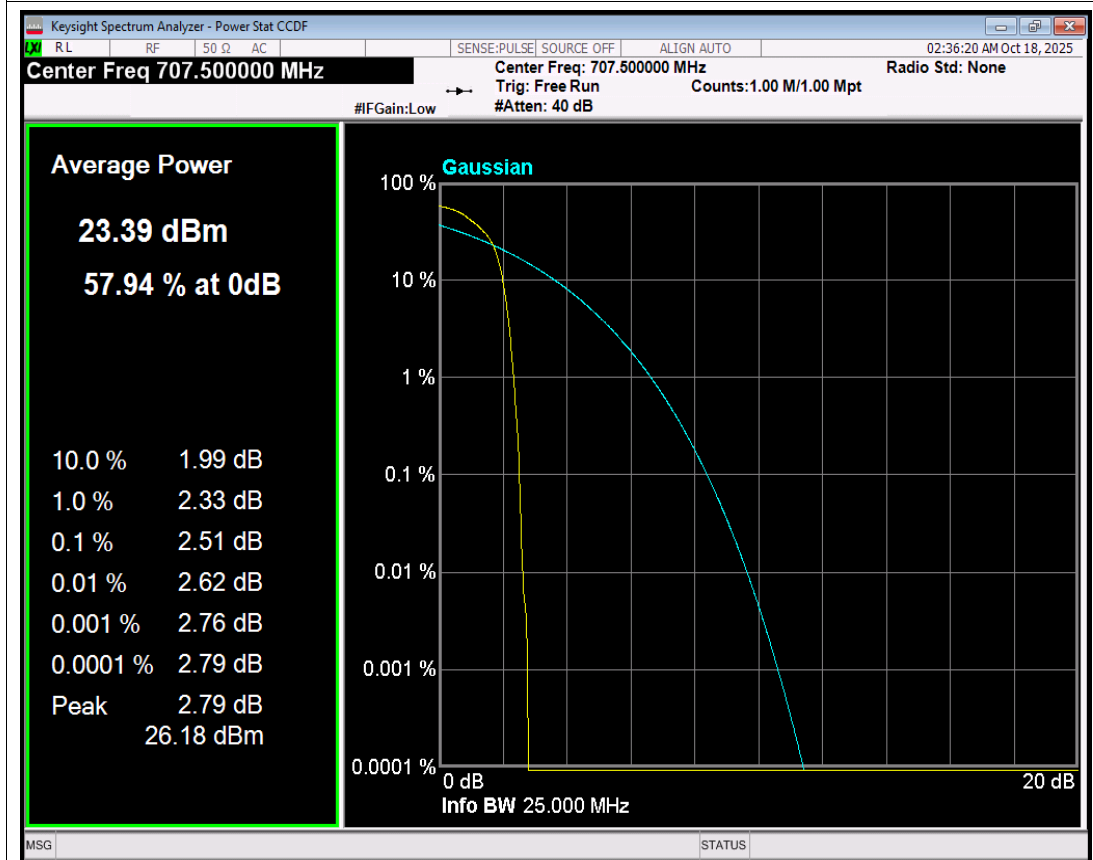
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0 NVNT



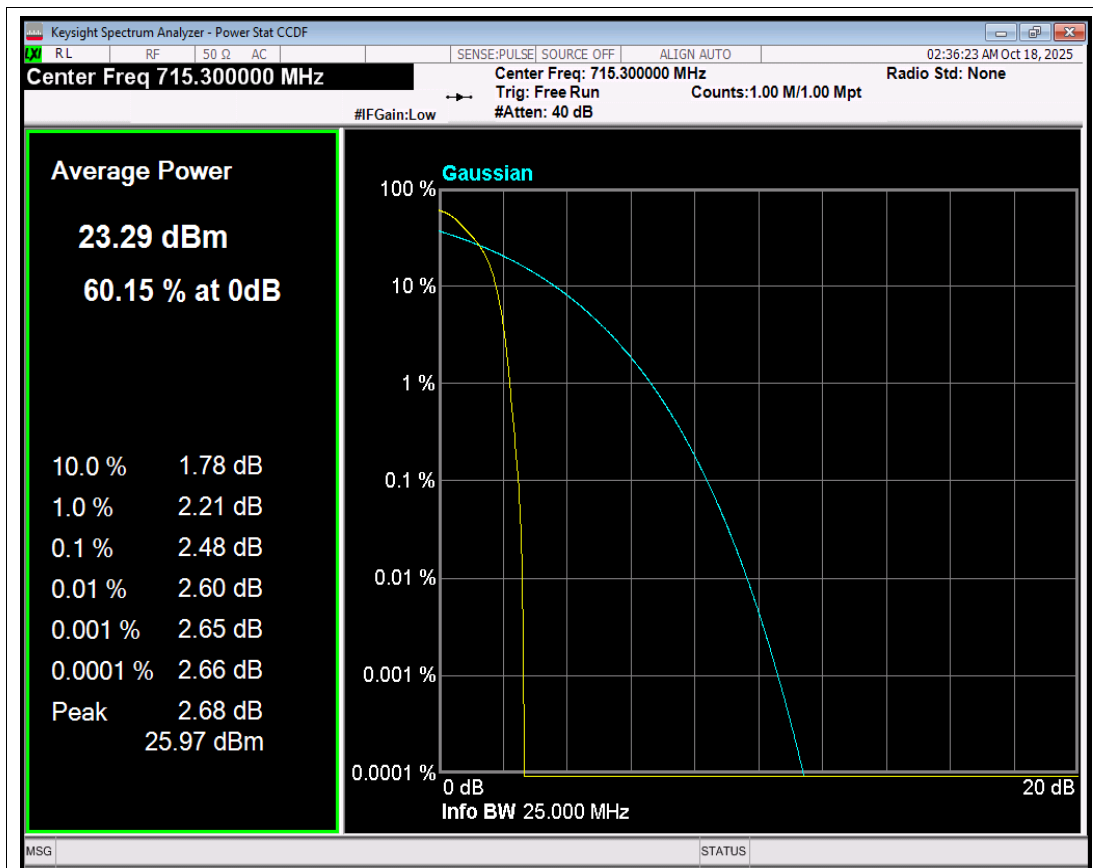
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0 NVNT



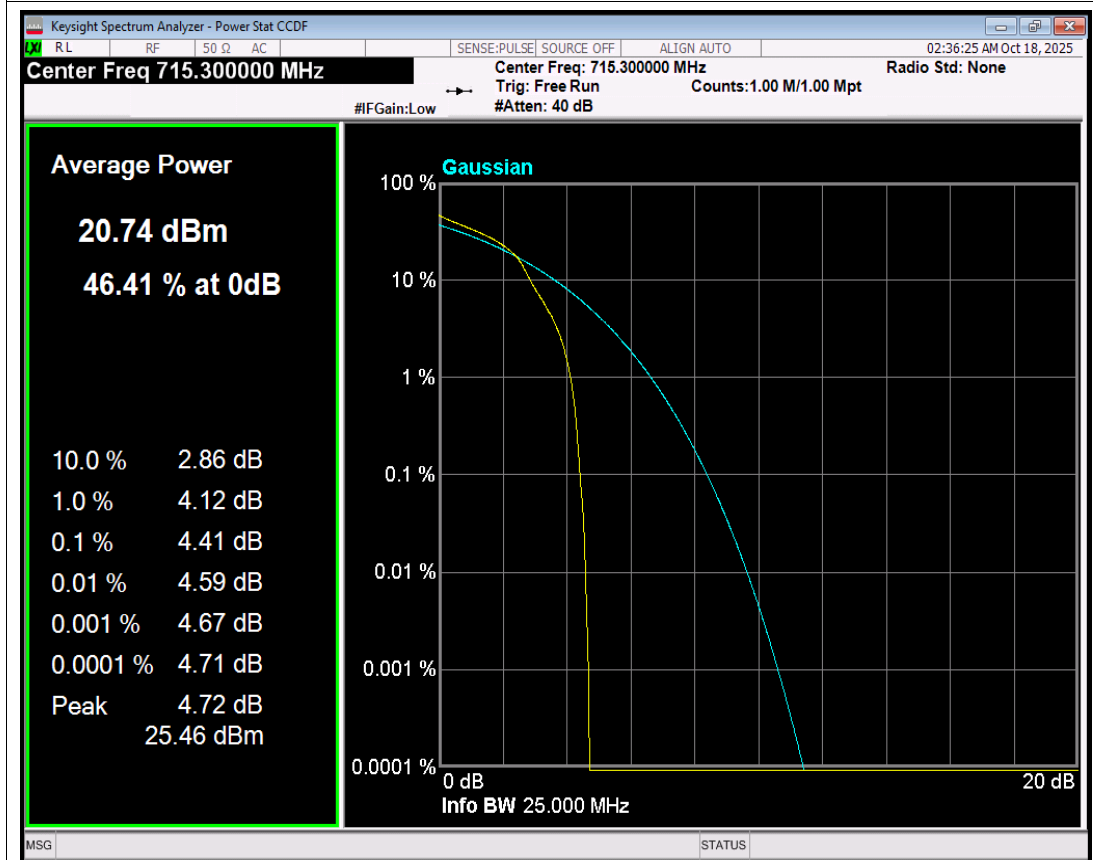
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0 NVNT



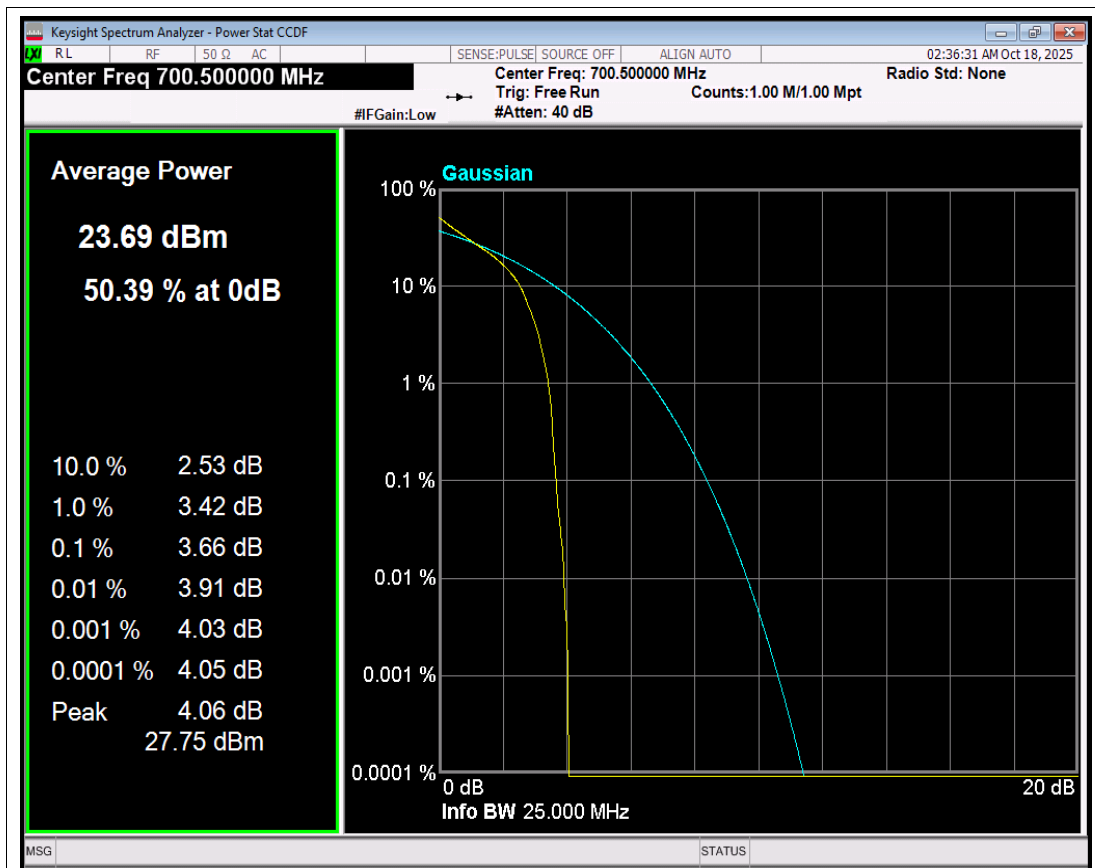
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0 NVNT



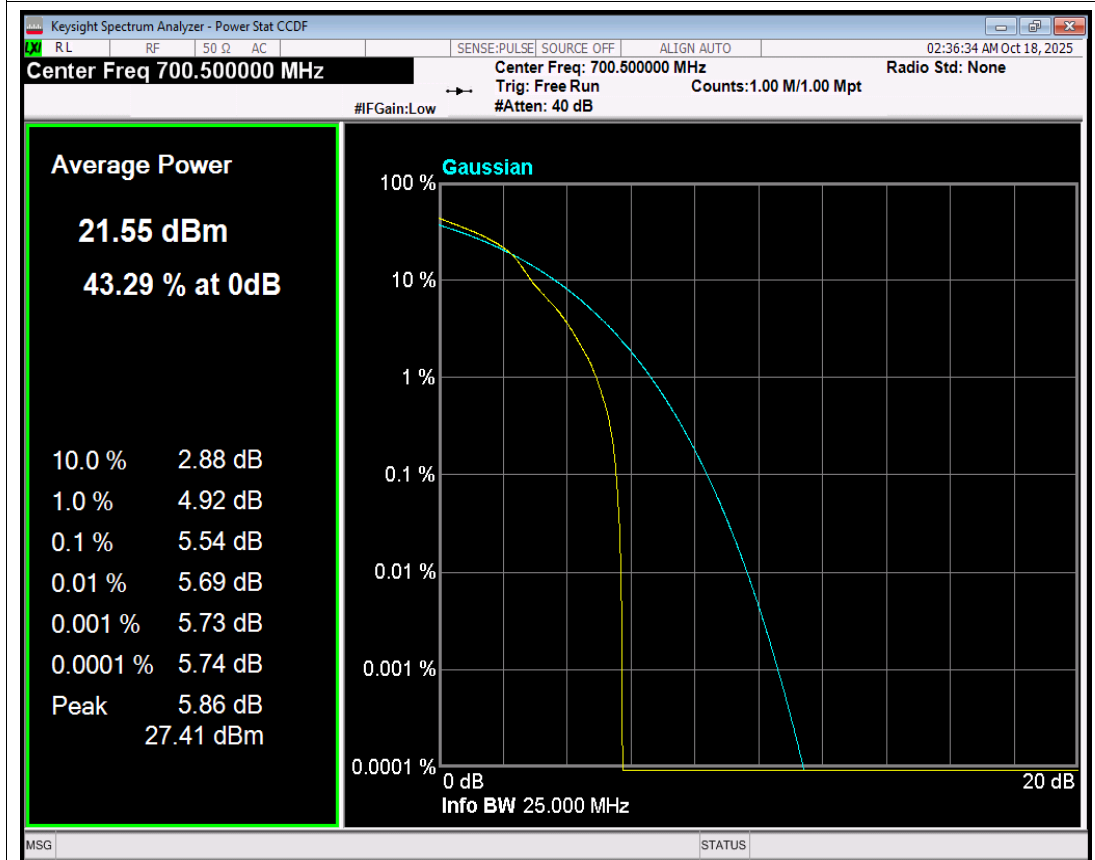
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0 NVNT



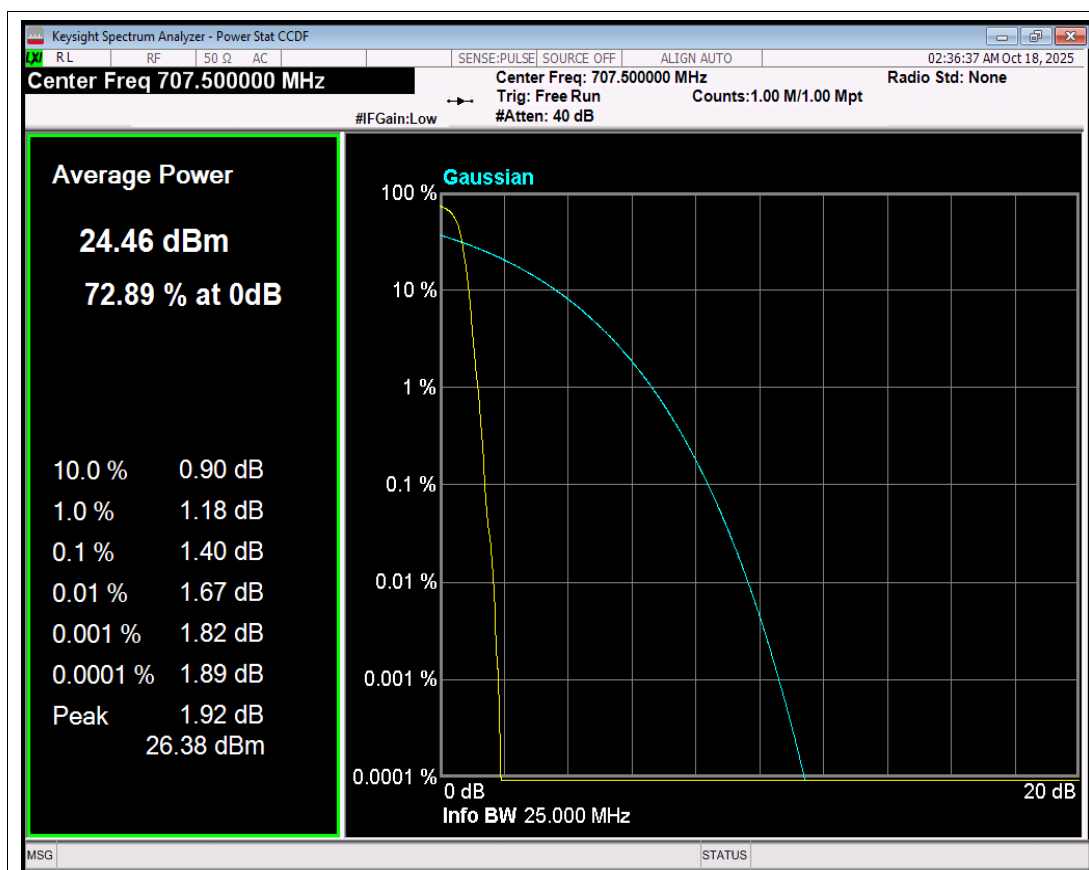
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0 NVNT



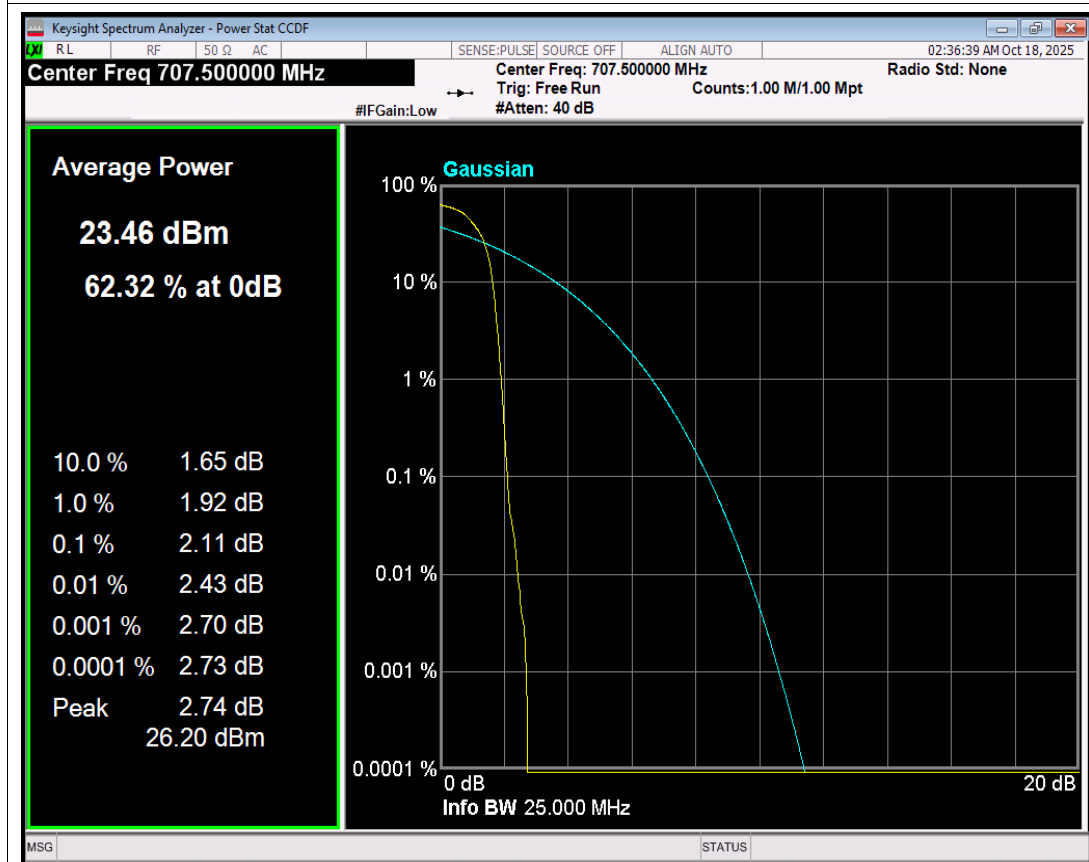
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0 NVNT



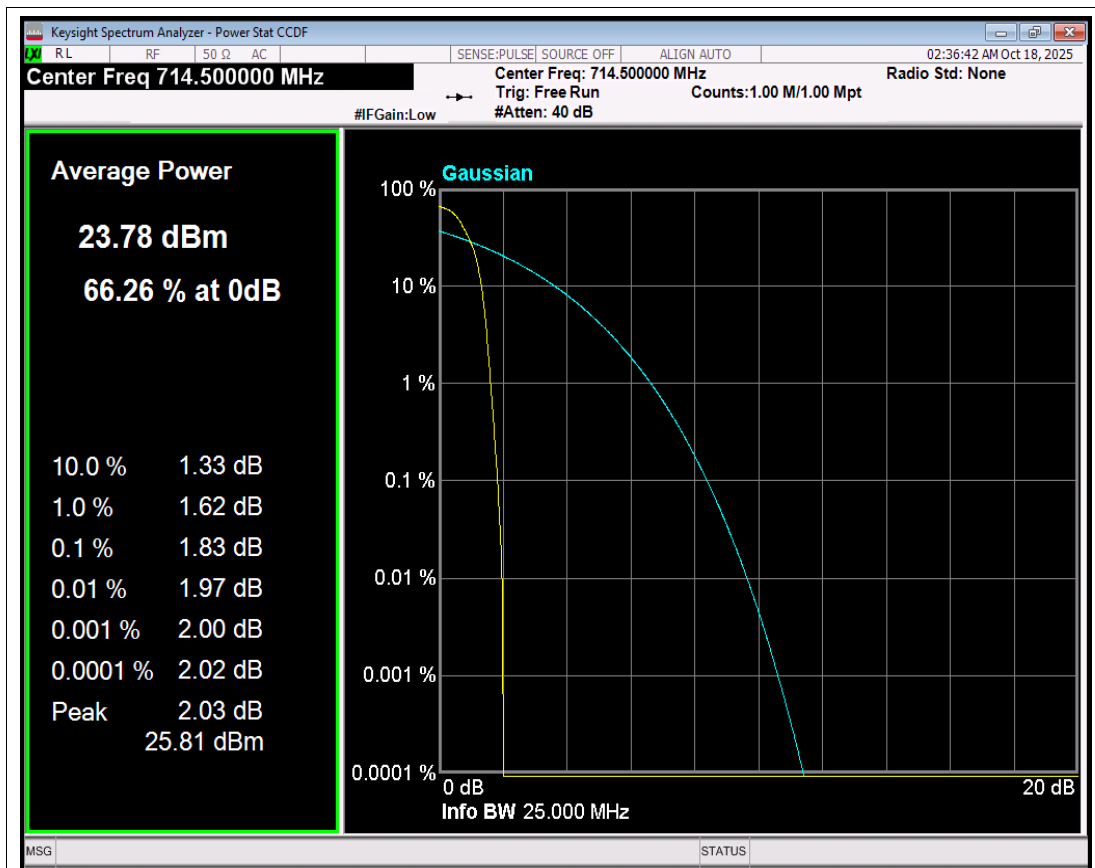
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0 NVNT



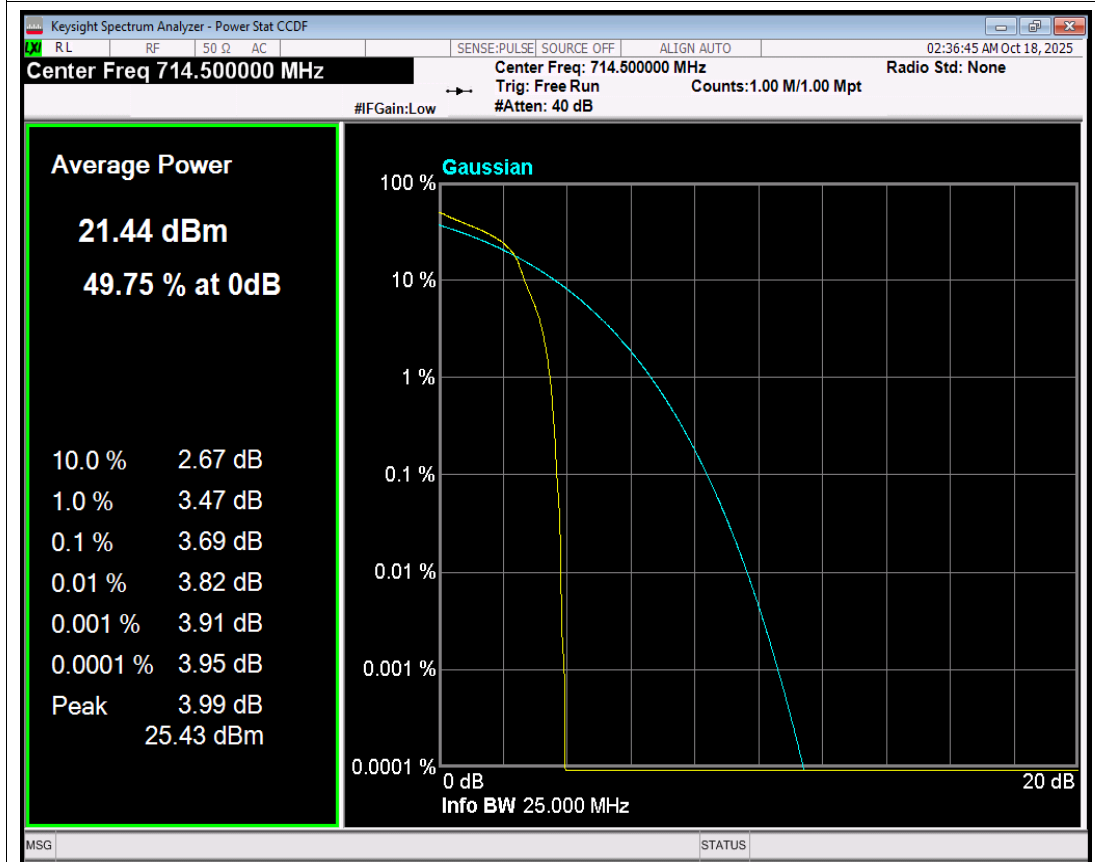
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0 NVNT



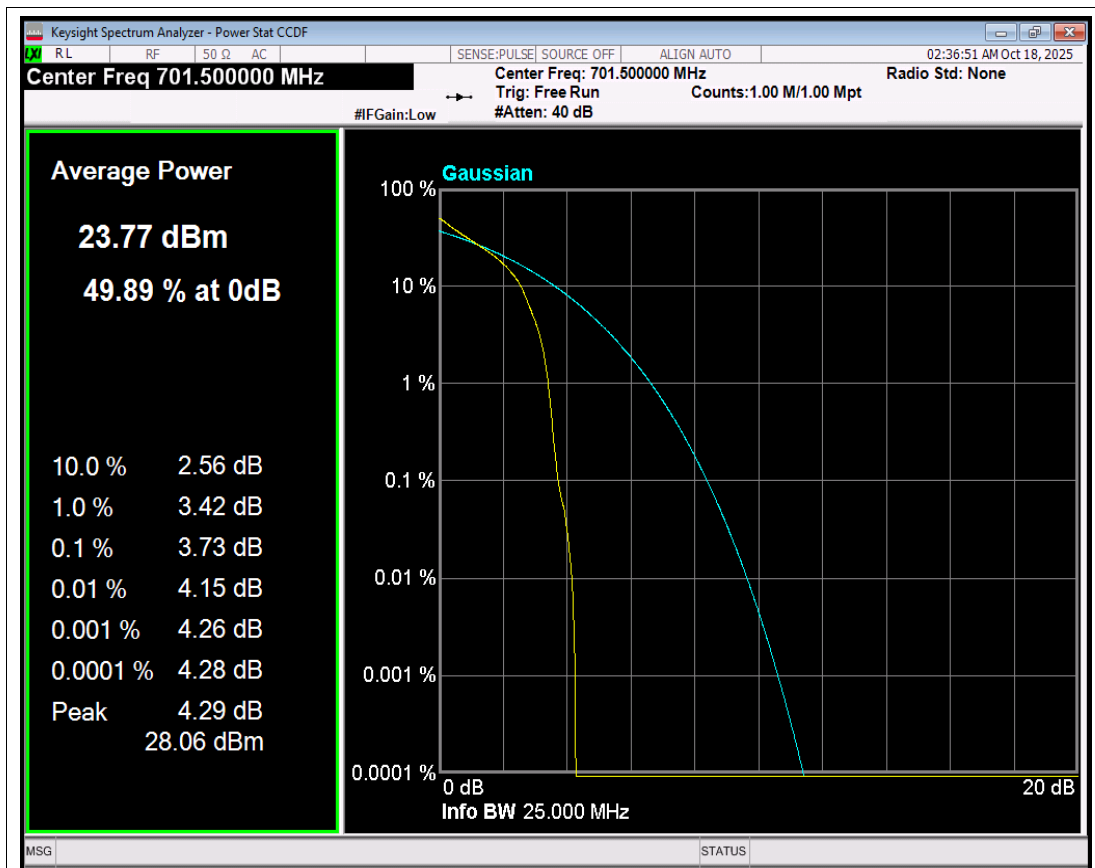
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0 NVNT



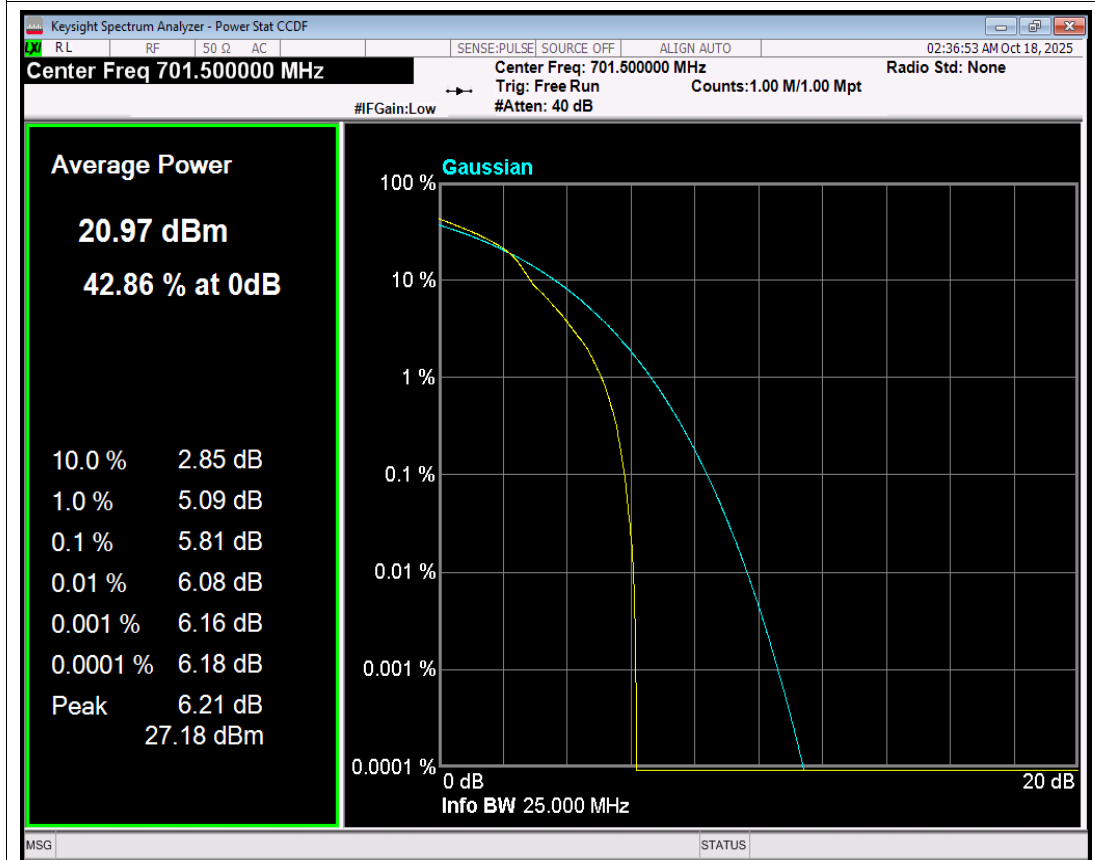
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0 NVNT



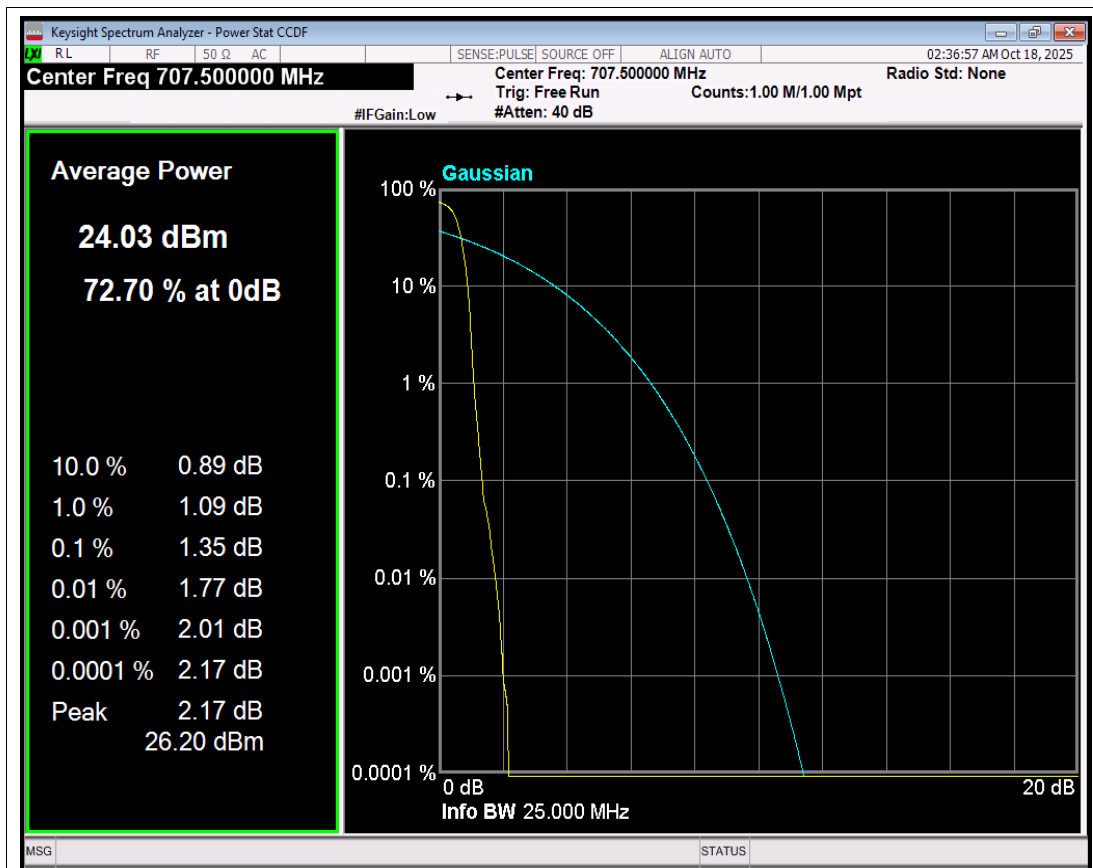
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0 NVNT



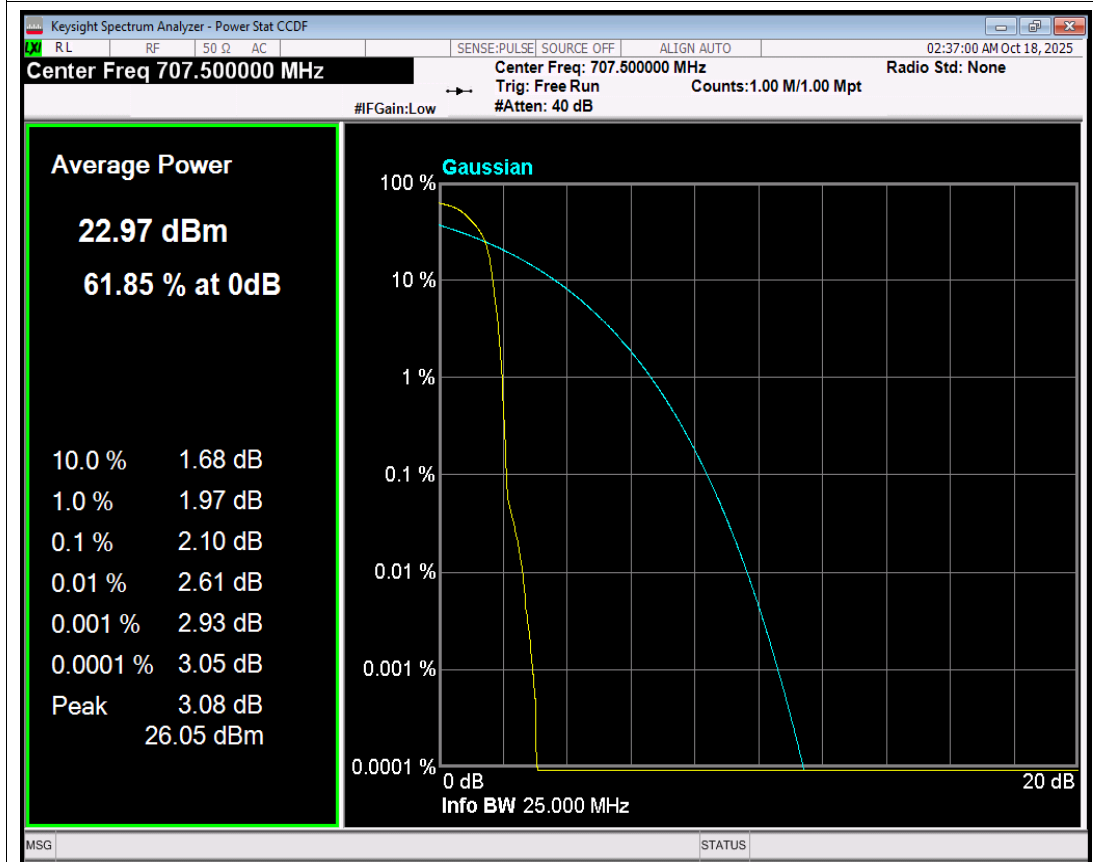
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0 NVNT



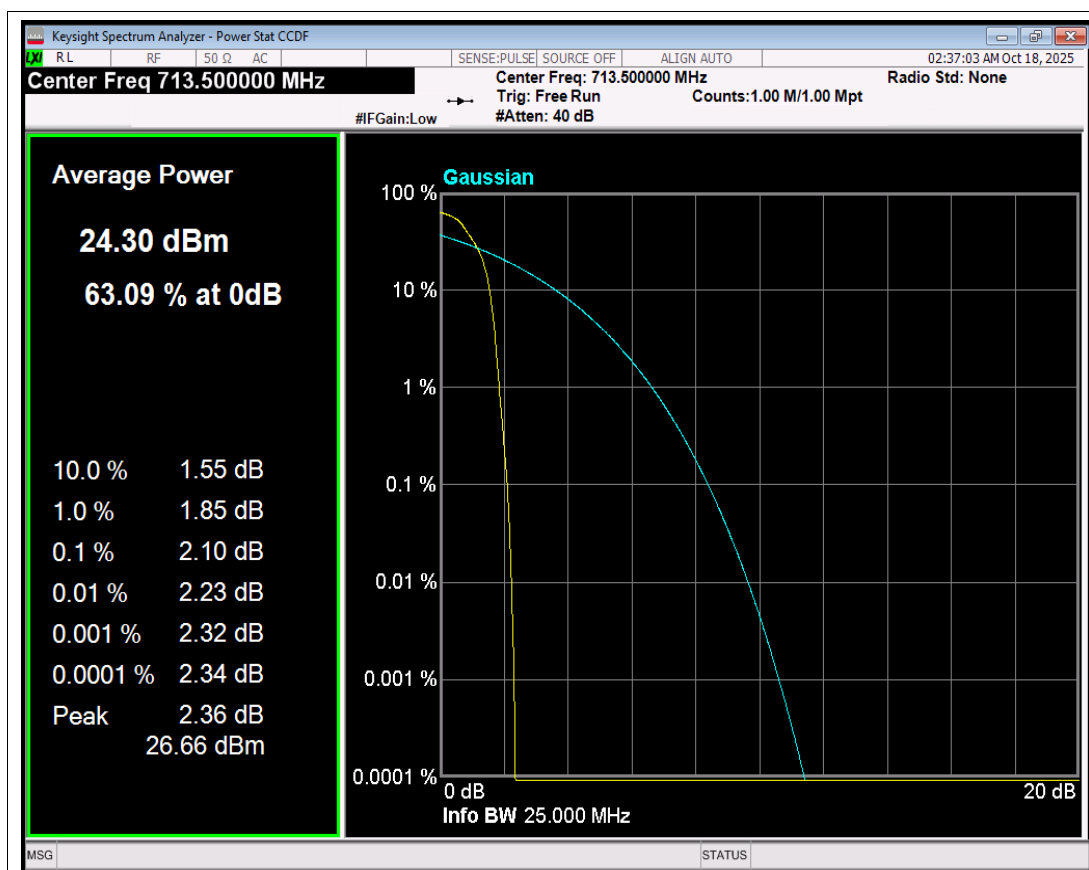
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0 NVNT



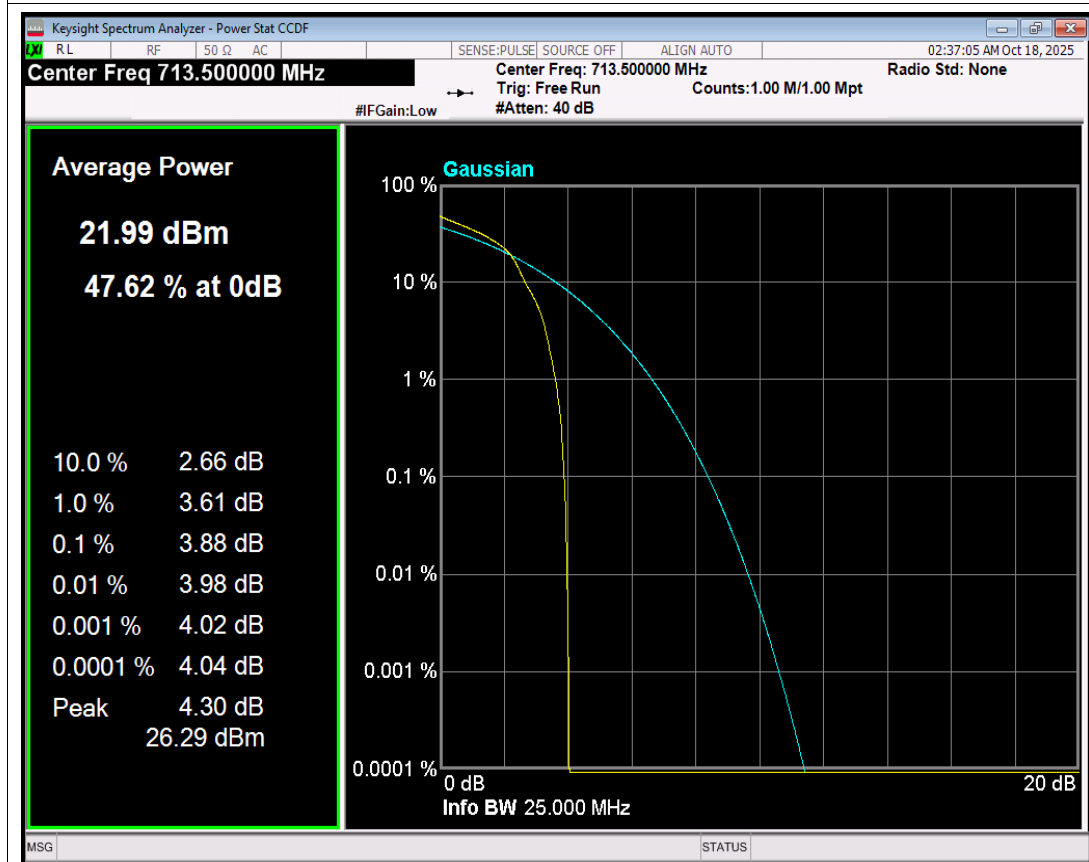
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0 NVNT



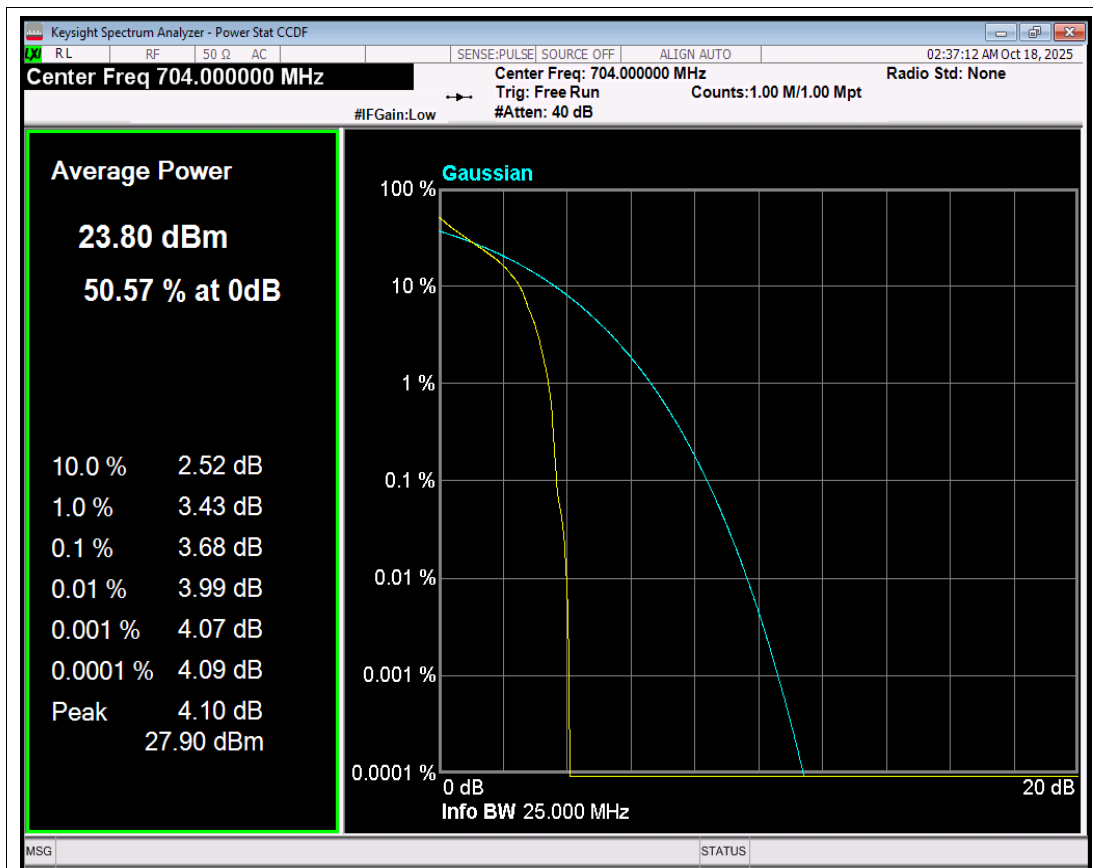
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0 NVNT



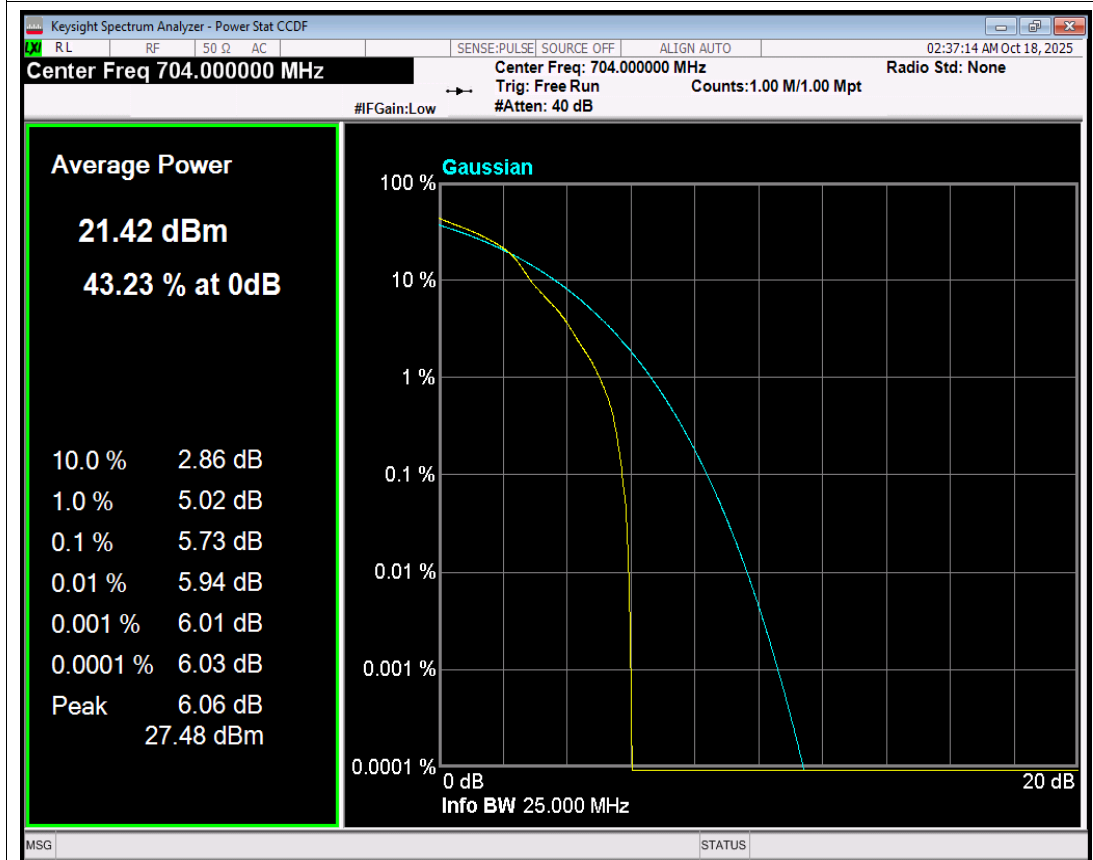
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0 NVNT



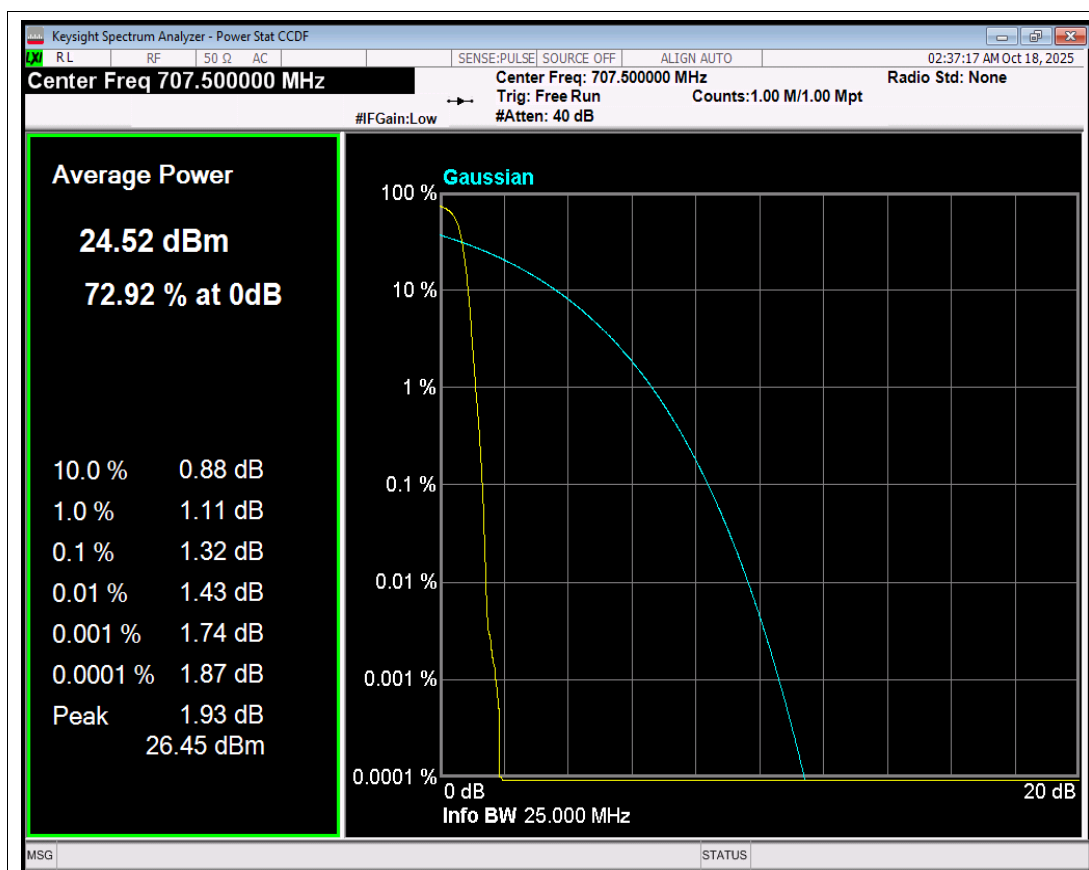
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0 NVNT



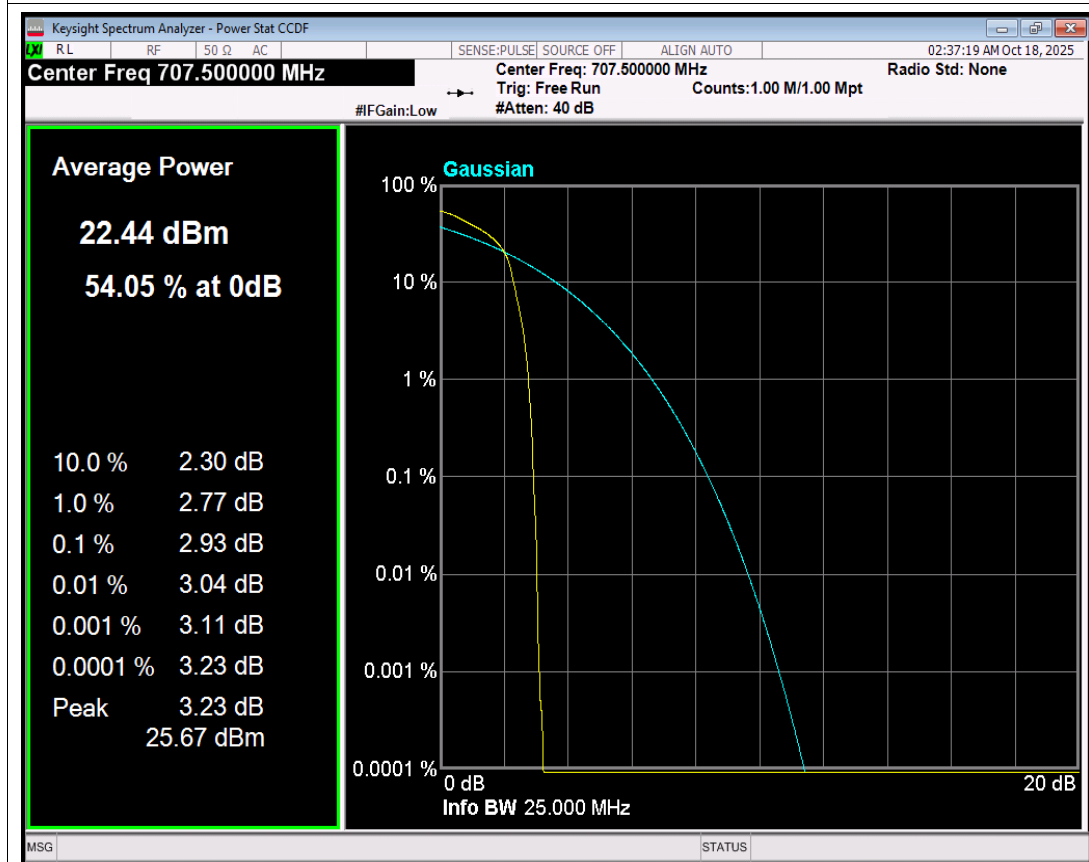
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0 NVNT



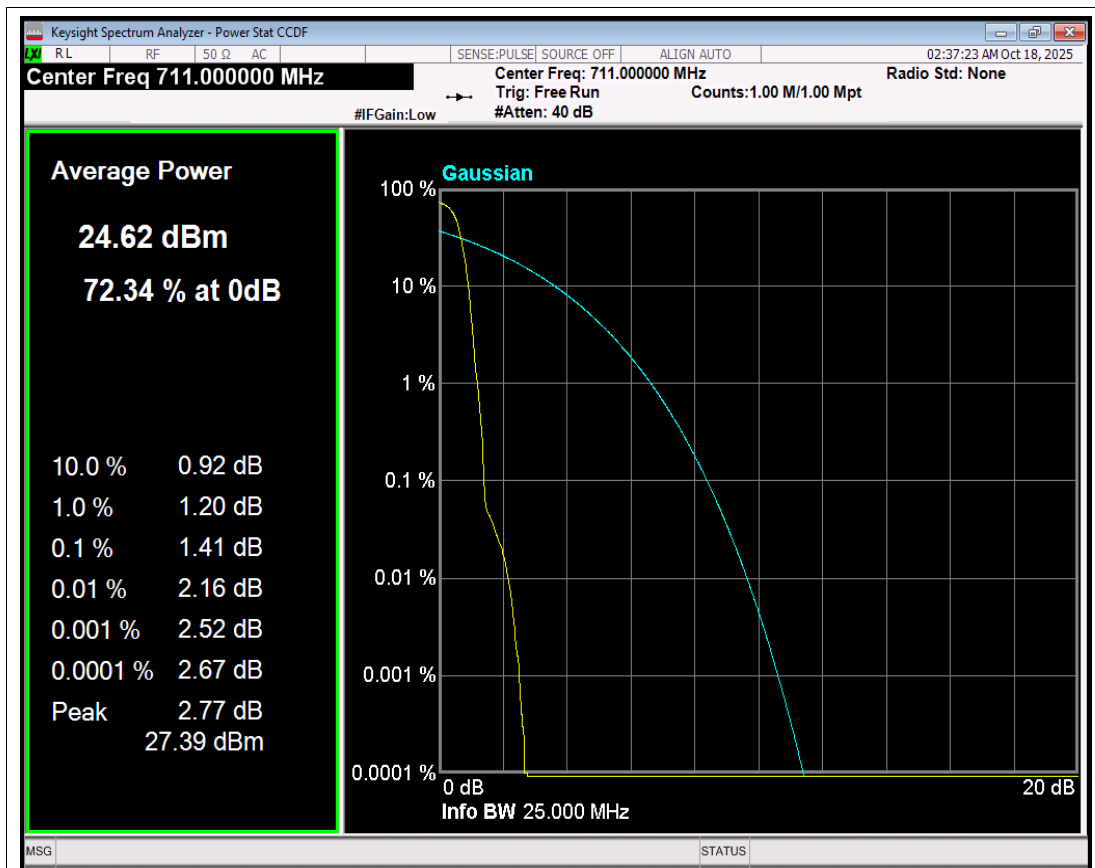
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0 NVNT



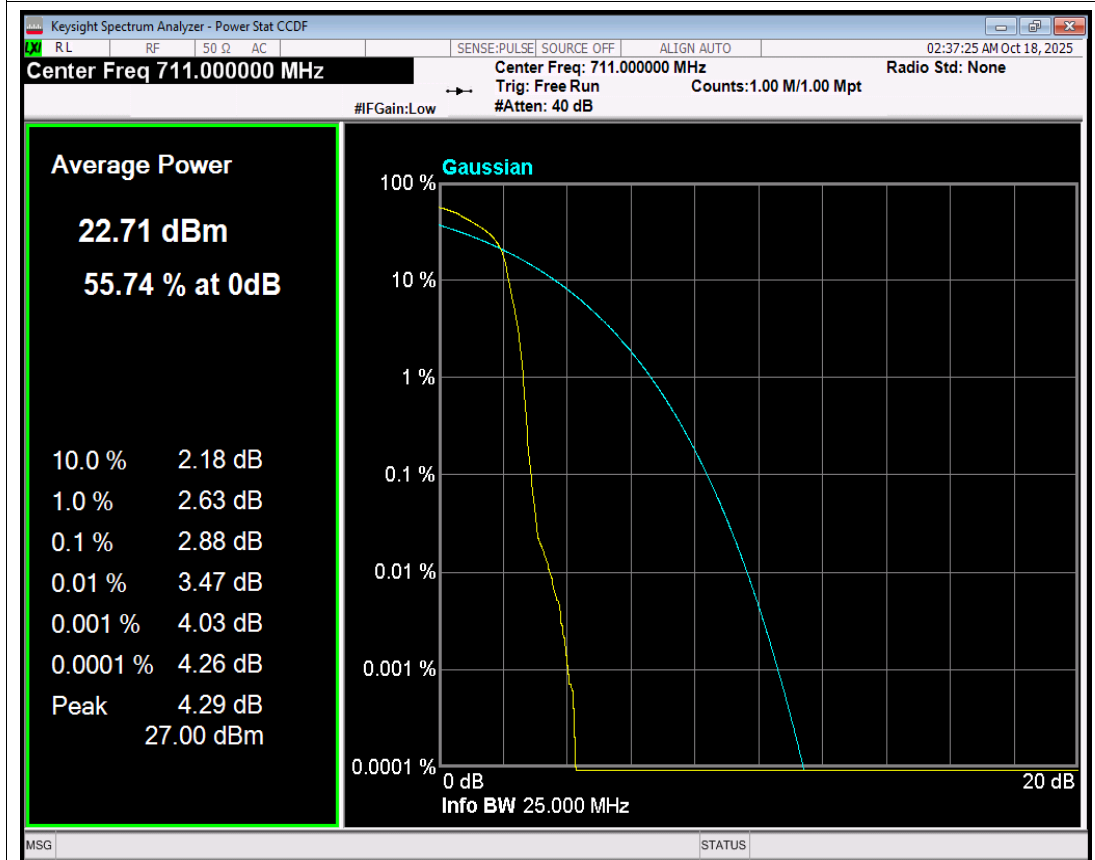
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0 NVNT



Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0 NVNT



Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0 NVNT

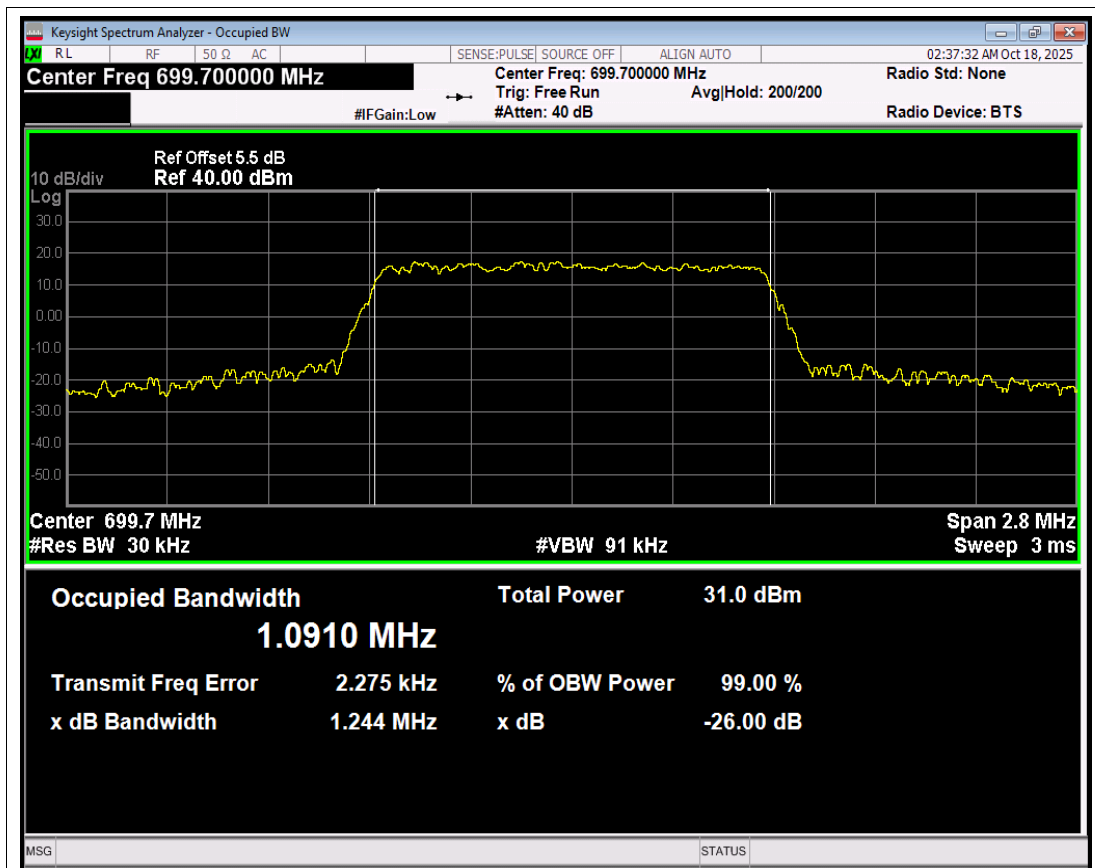


Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0 NVNT

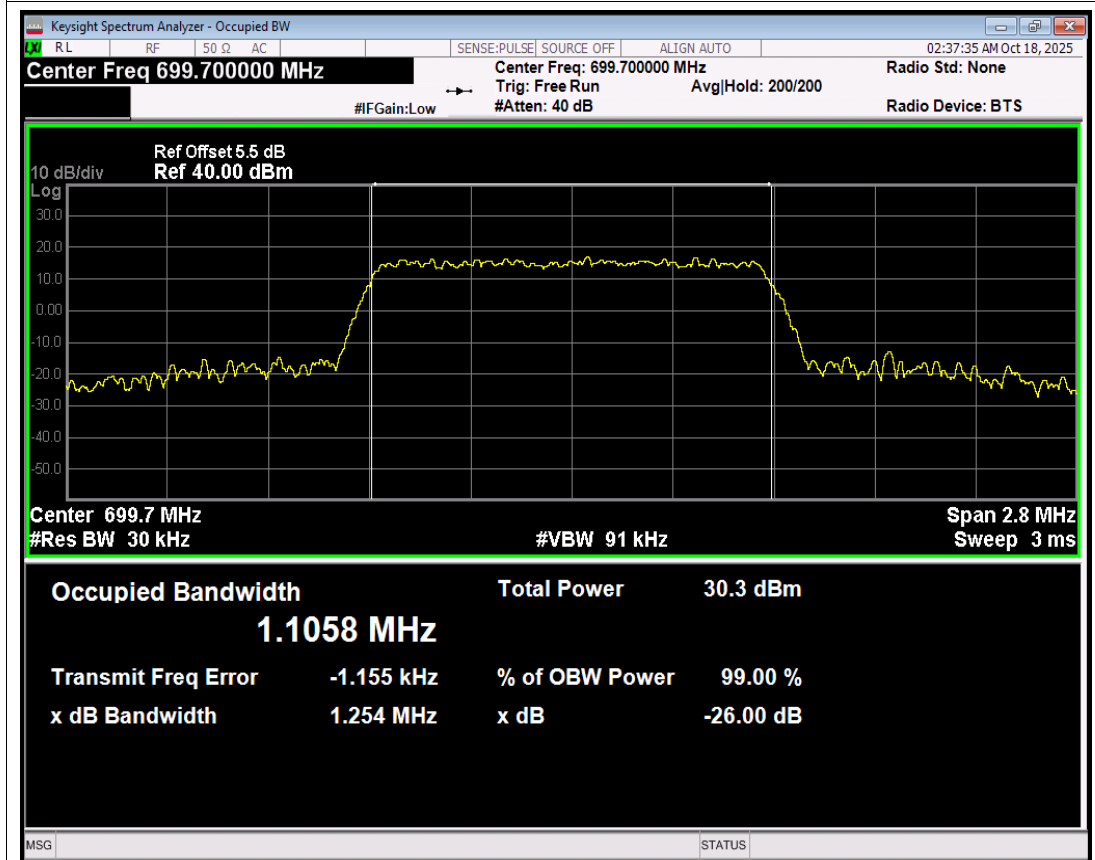


## Appendix 4.Occupied bandwidth

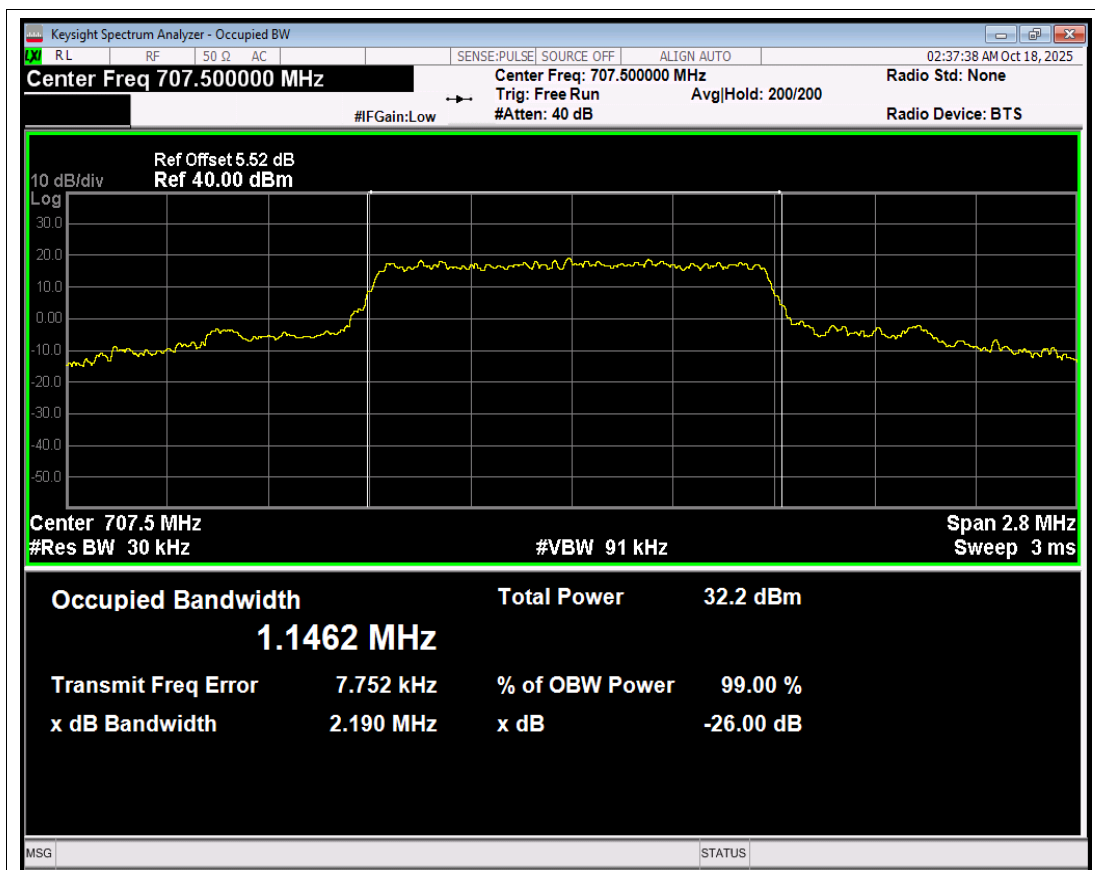
| Condition | Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | 99% OBW<br>(MHz) | -26dB EBW<br>(MHz) | Verdict |
|-----------|--------|--------------------|---------------|------------|----------------|------------|------------------|--------------------|---------|
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | QPSK       | 1.091            | 1.244              | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | 16QAM      | 1.106            | 1.254              | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | QPSK       | 1.146            | 2.190              | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | 16QAM      | 1.117            | 2.121              | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 6          | #0             | QPSK       | 1.106            | 1.254              | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 6          | #0             | 16QAM      | 1.105            | 1.263              | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 15         | #0             | QPSK       | 2.709            | 3.001              | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 15         | #0             | 16QAM      | 2.707            | 3.038              | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 15         | #0             | QPSK       | 2.747            | 5.277              | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 15         | #0             | 16QAM      | 2.732            | 4.770              | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 15         | #0             | QPSK       | 2.725            | 3.057              | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 15         | #0             | 16QAM      | 2.730            | 3.073              | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 25         | #0             | QPSK       | 4.509            | 4.970              | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 25         | #0             | 16QAM      | 4.508            | 4.974              | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 25         | #0             | QPSK       | 4.567            | 7.984              | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 25         | #0             | 16QAM      | 4.536            | 8.032              | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 25         | #0             | QPSK       | 4.549            | 6.027              | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 25         | #0             | 16QAM      | 4.554            | 6.229              | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 50         | #0             | QPSK       | 9.099            | 13.818             | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 50         | #0             | 16QAM      | 9.062            | 13.368             | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 50         | #0             | QPSK       | 9.081            | 15.793             | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 50         | #0             | 16QAM      | 9.096            | 18.851             | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 50         | #0             | QPSK       | 9.031            | 10.494             | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 50         | #0             | 16QAM      | 9.024            | 10.427             | PASS    |



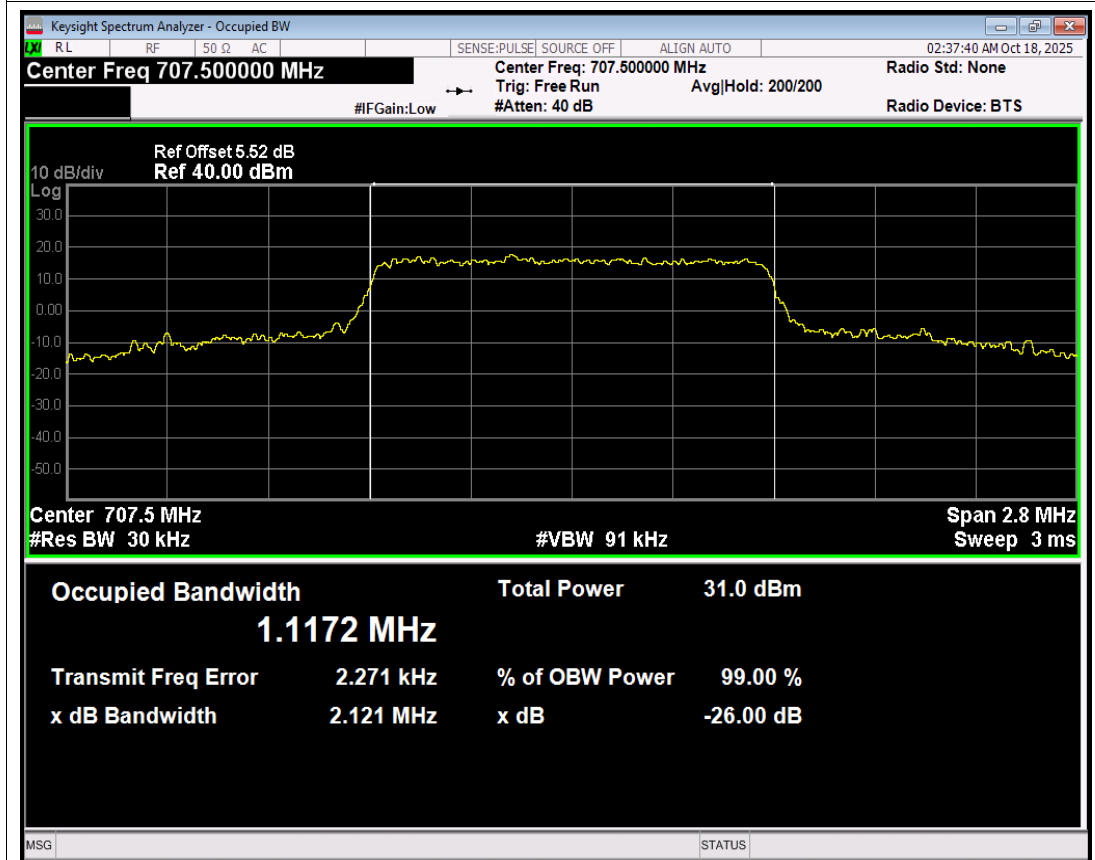
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



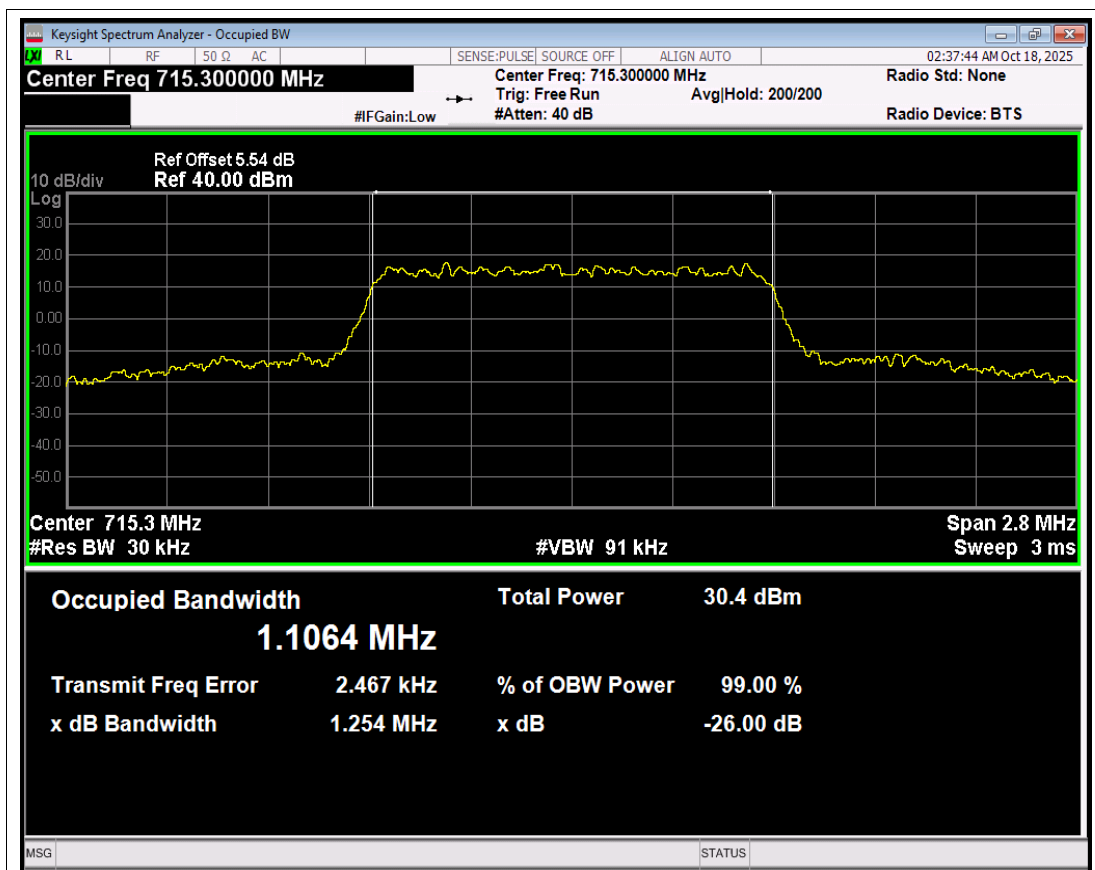
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



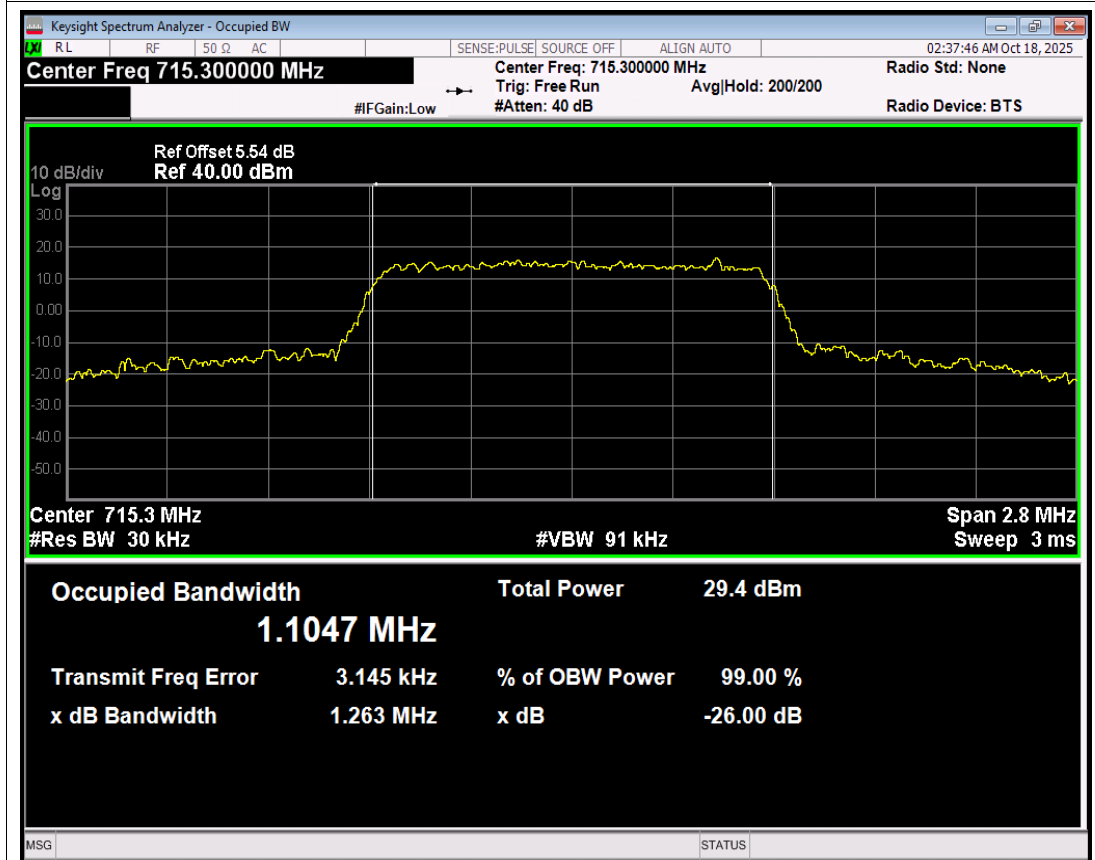
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



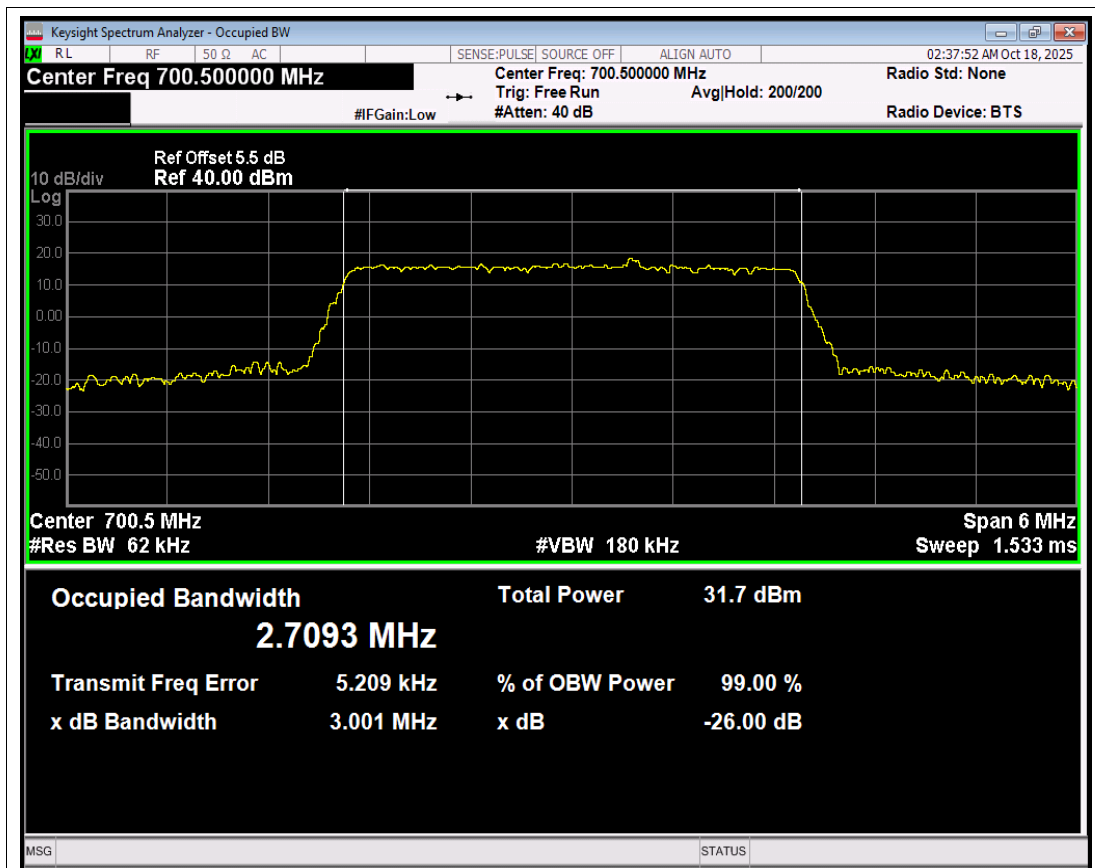
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



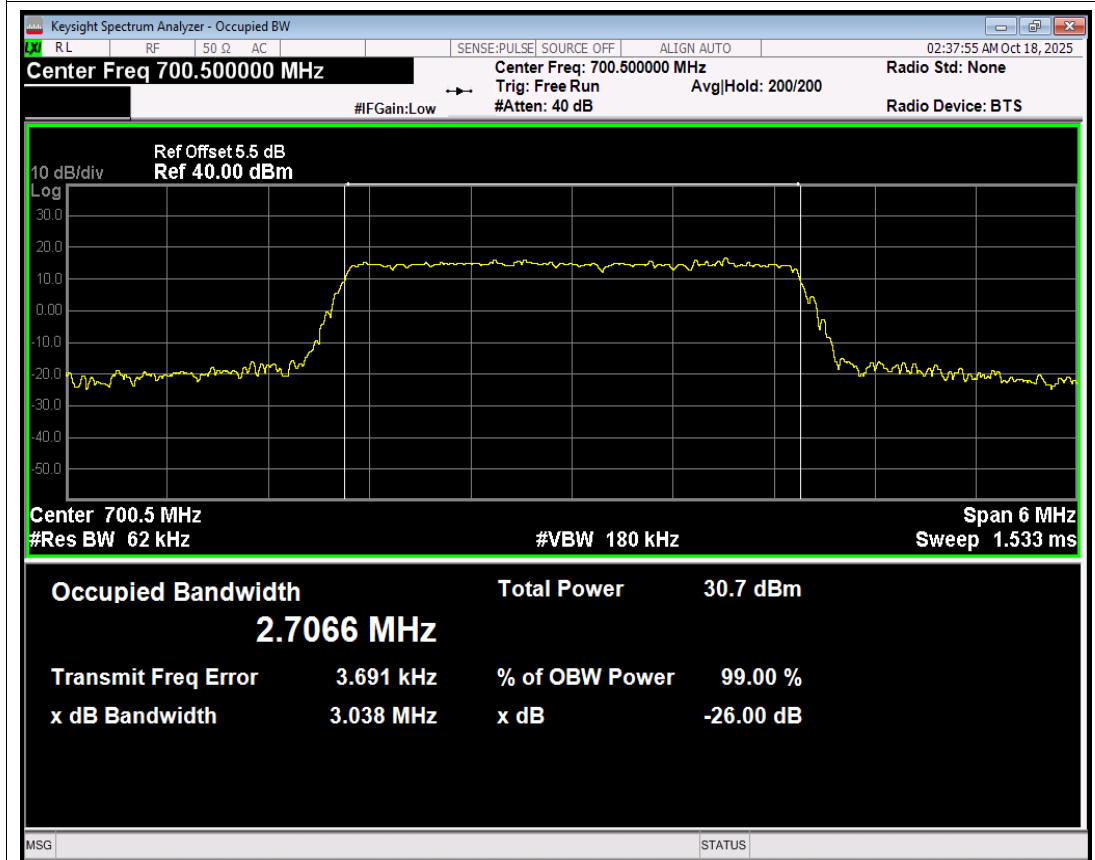
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



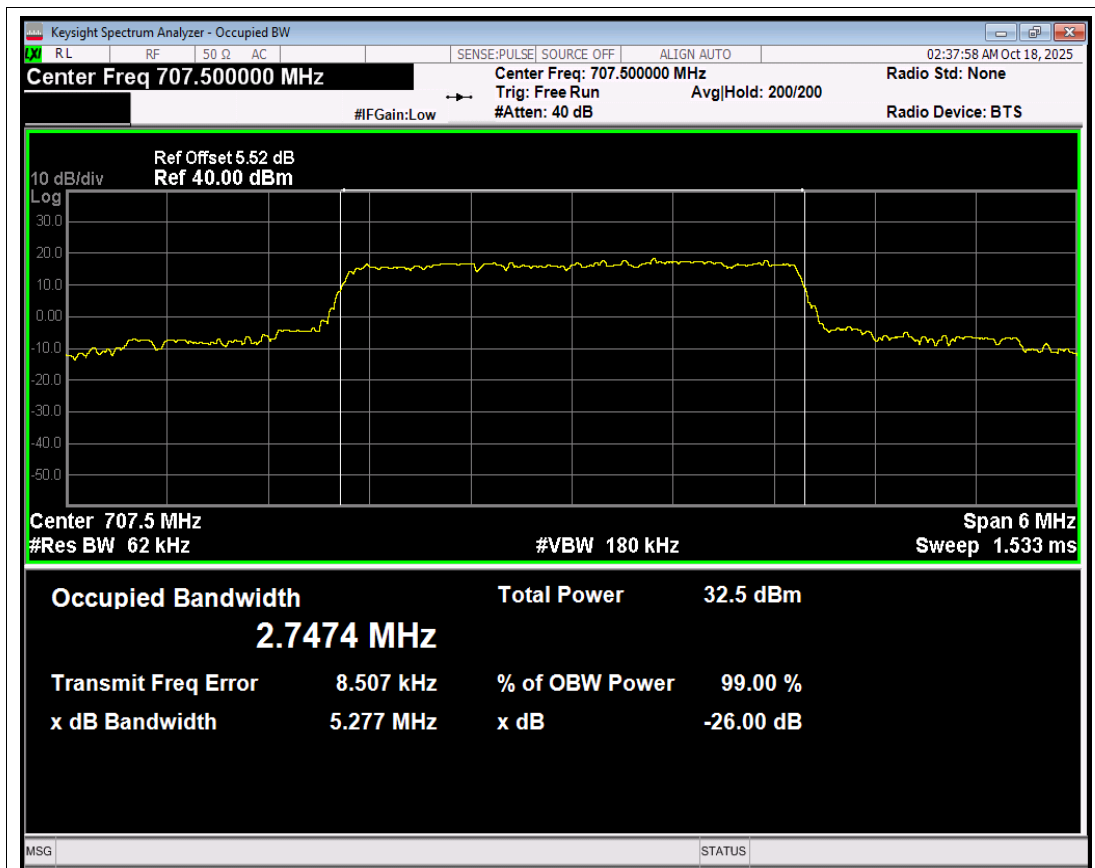
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



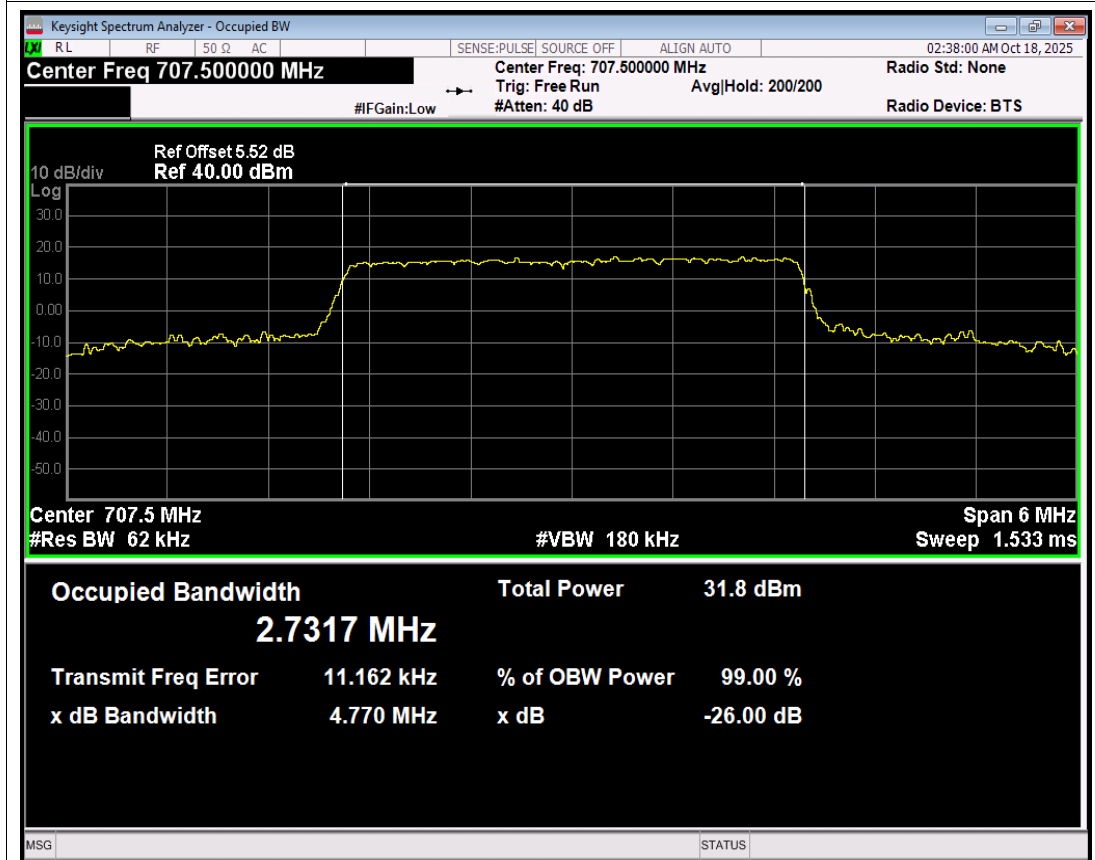
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



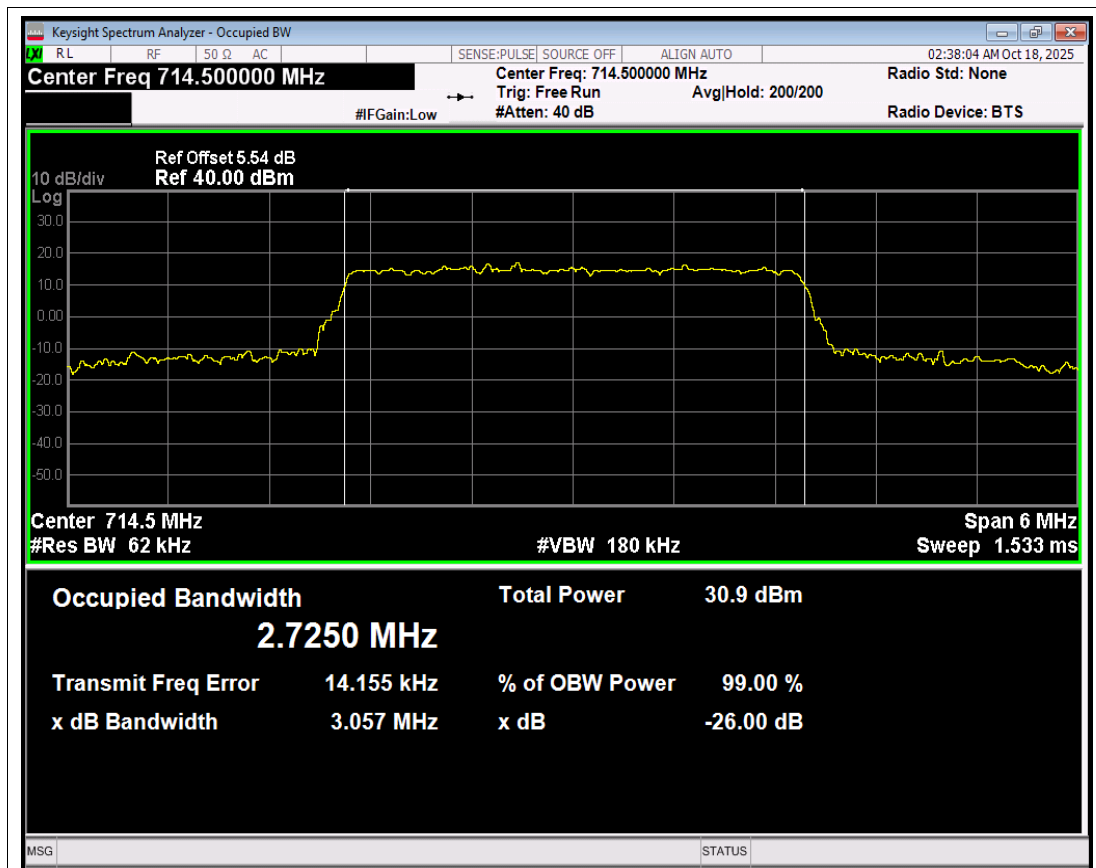
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



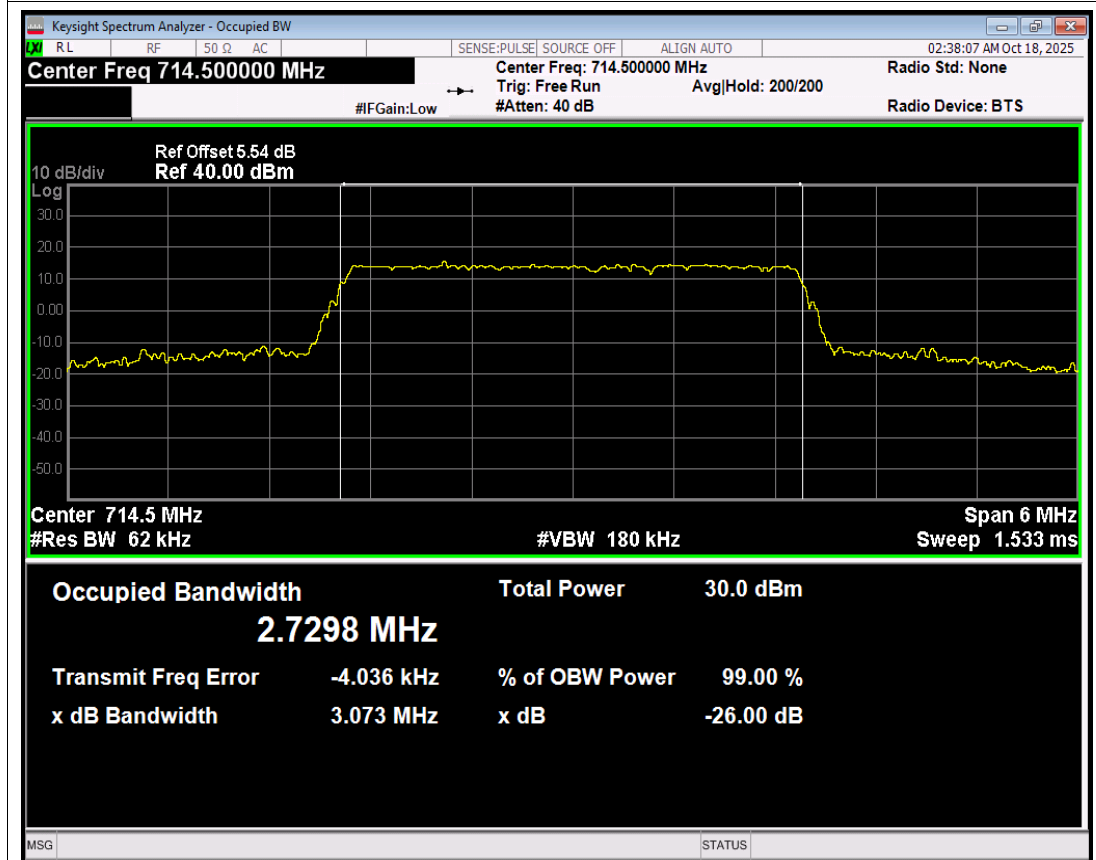
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT



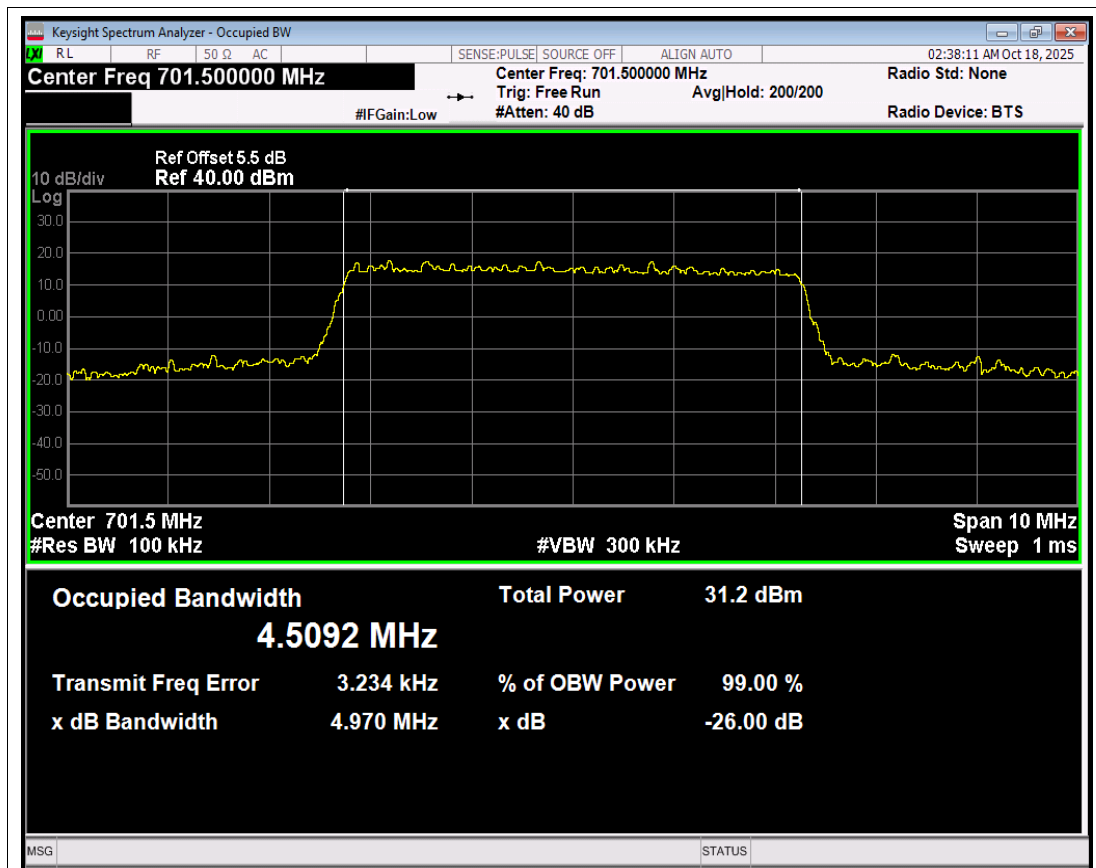
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT



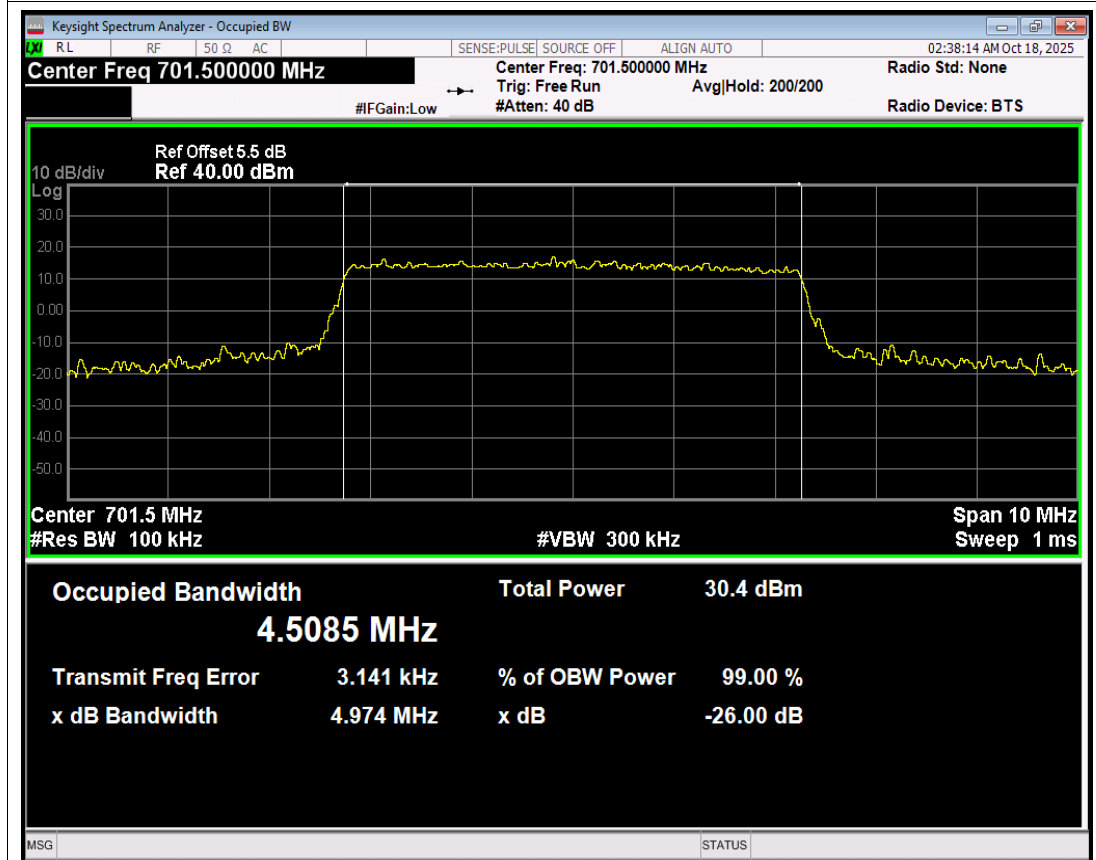
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



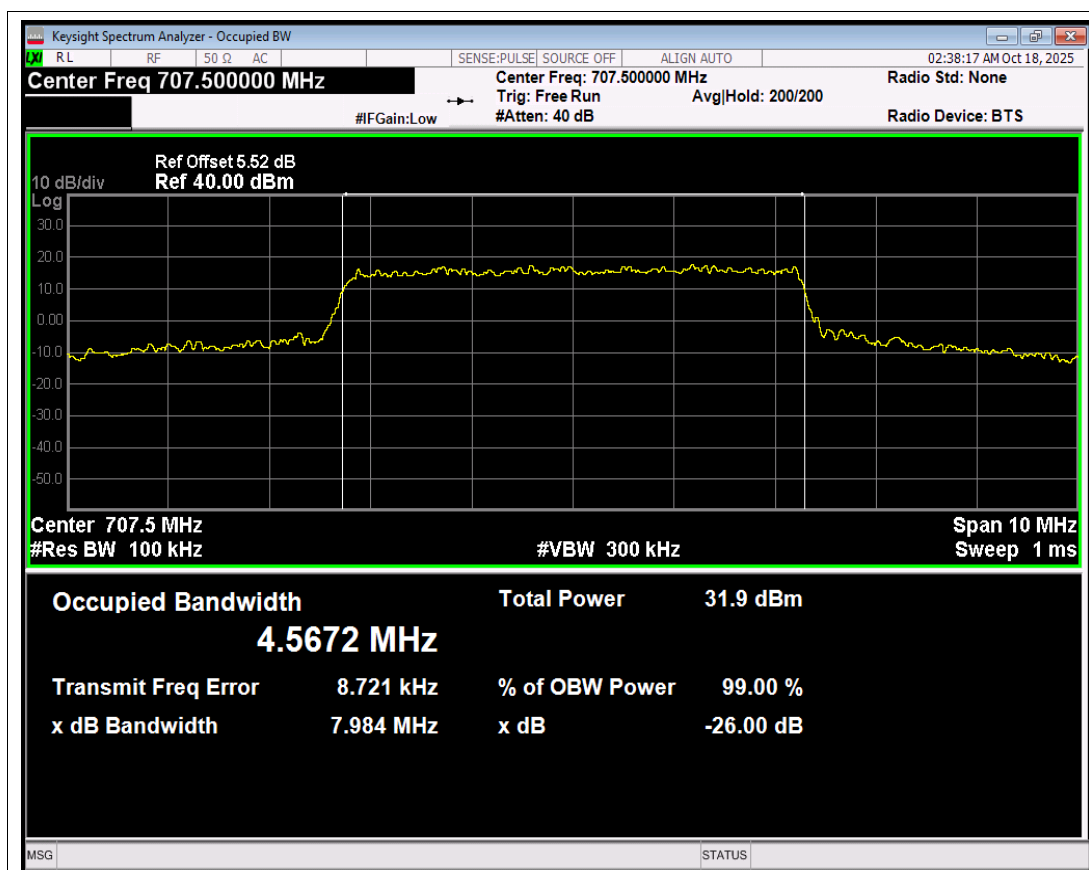
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



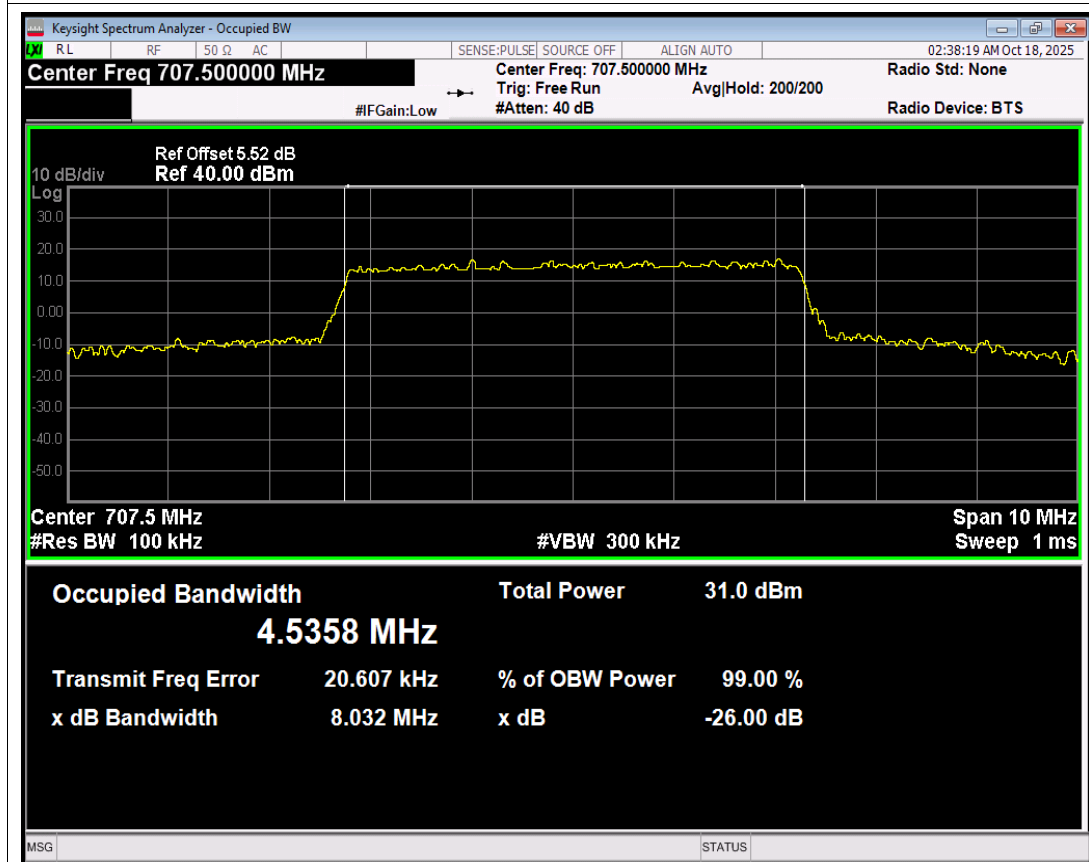
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



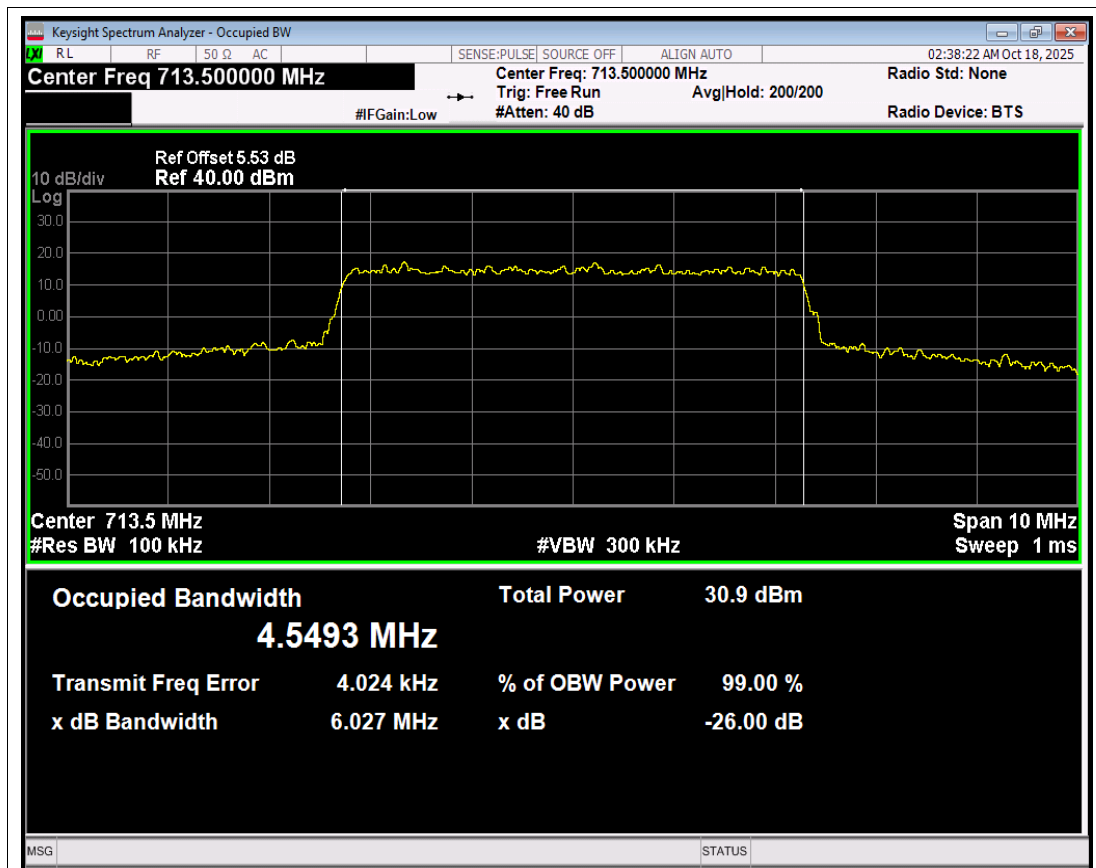
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



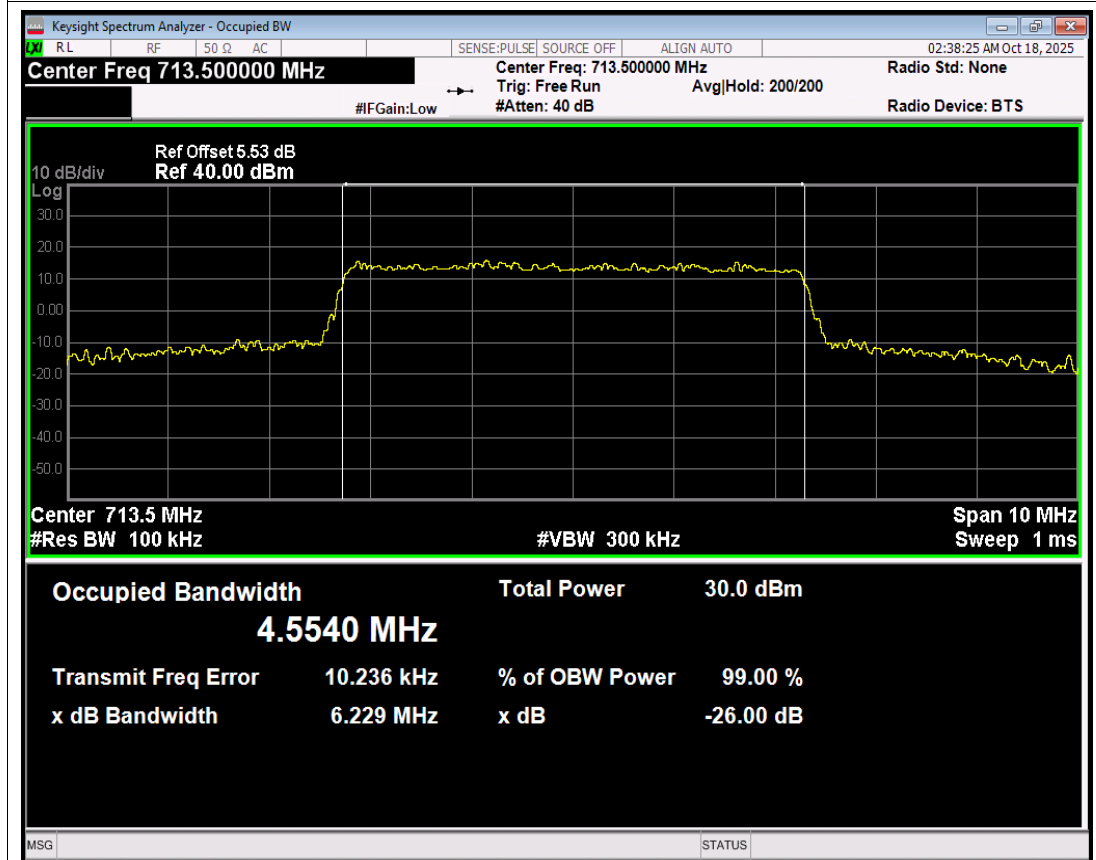
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT



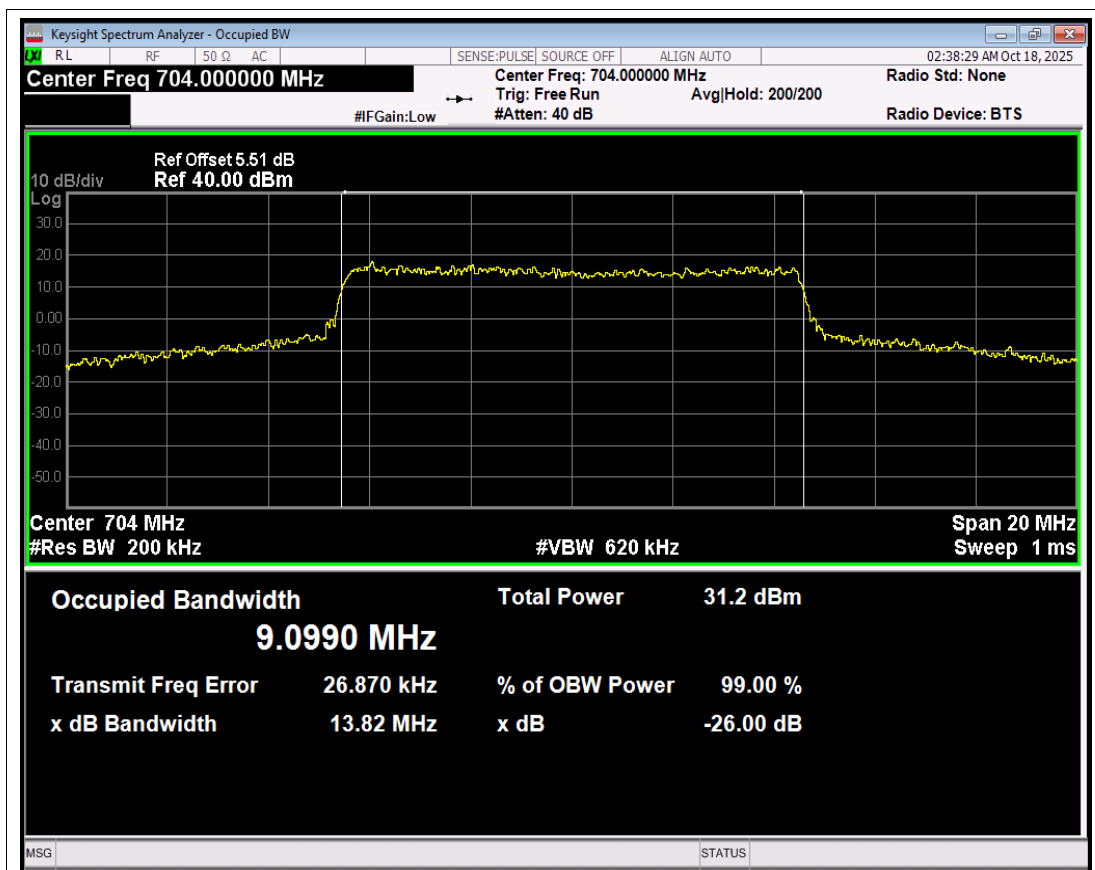
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT



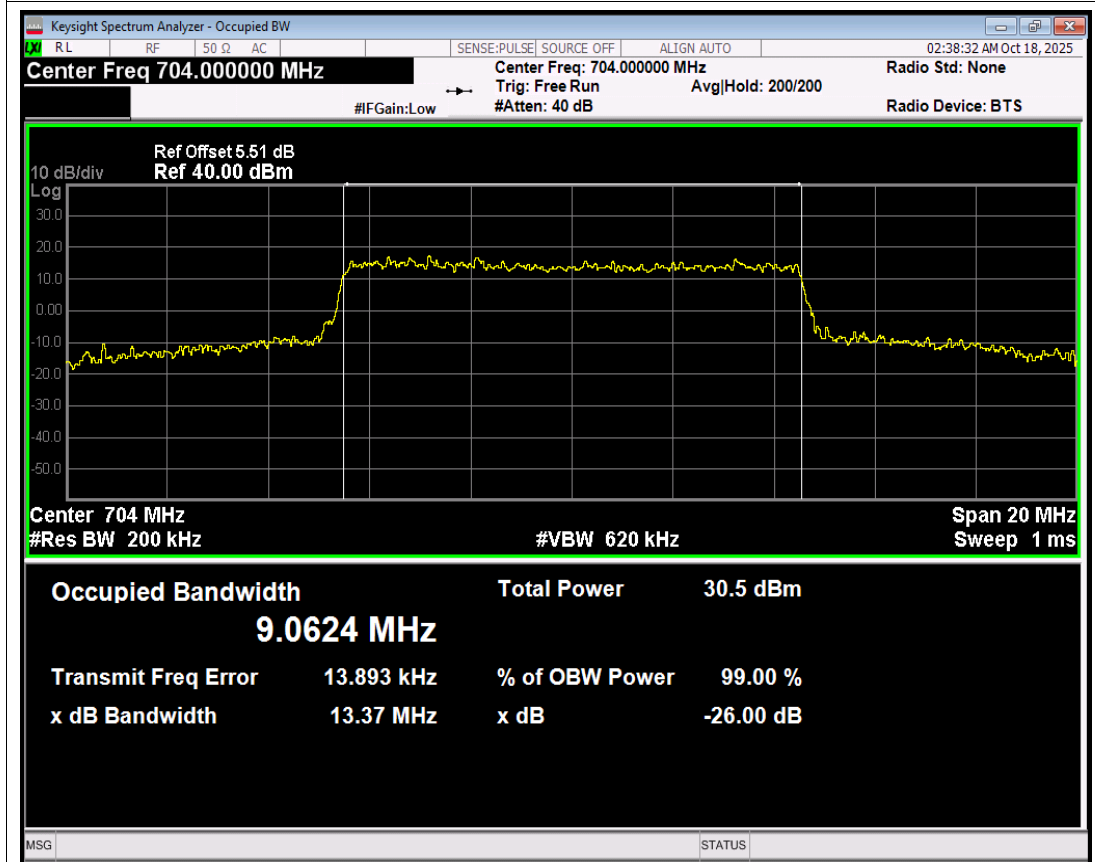
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



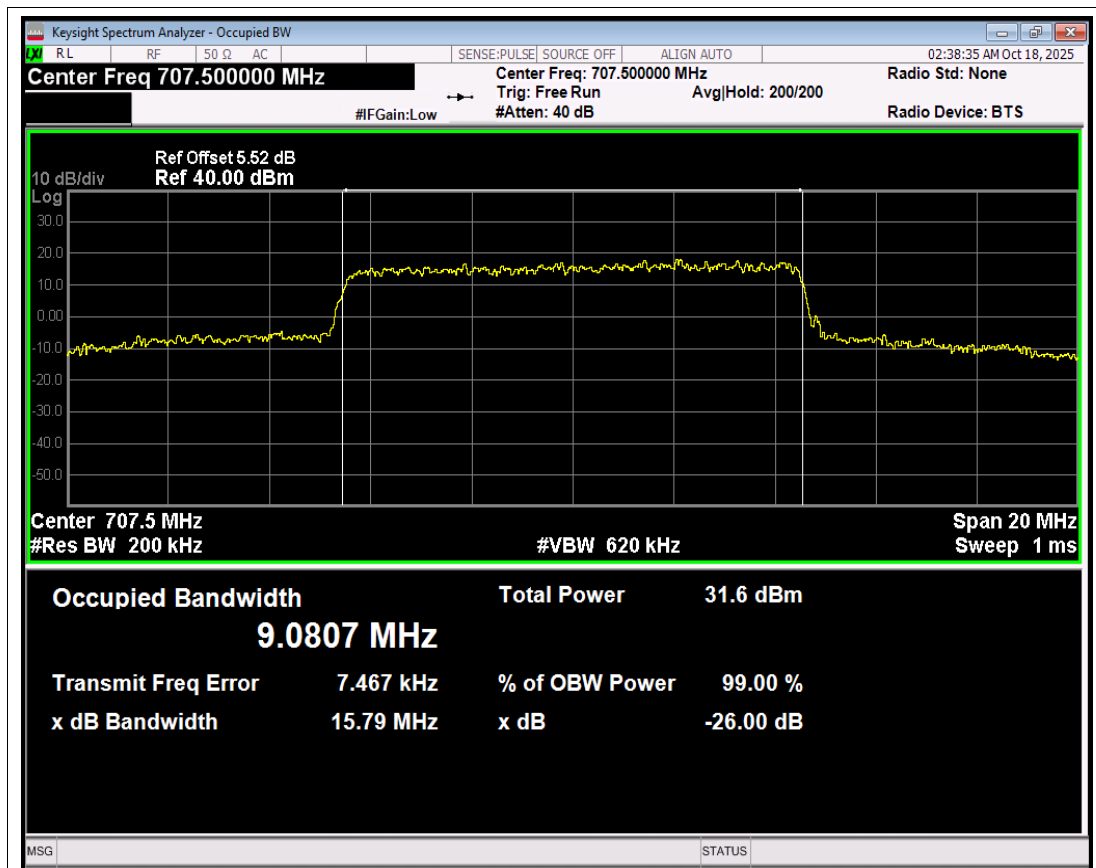
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



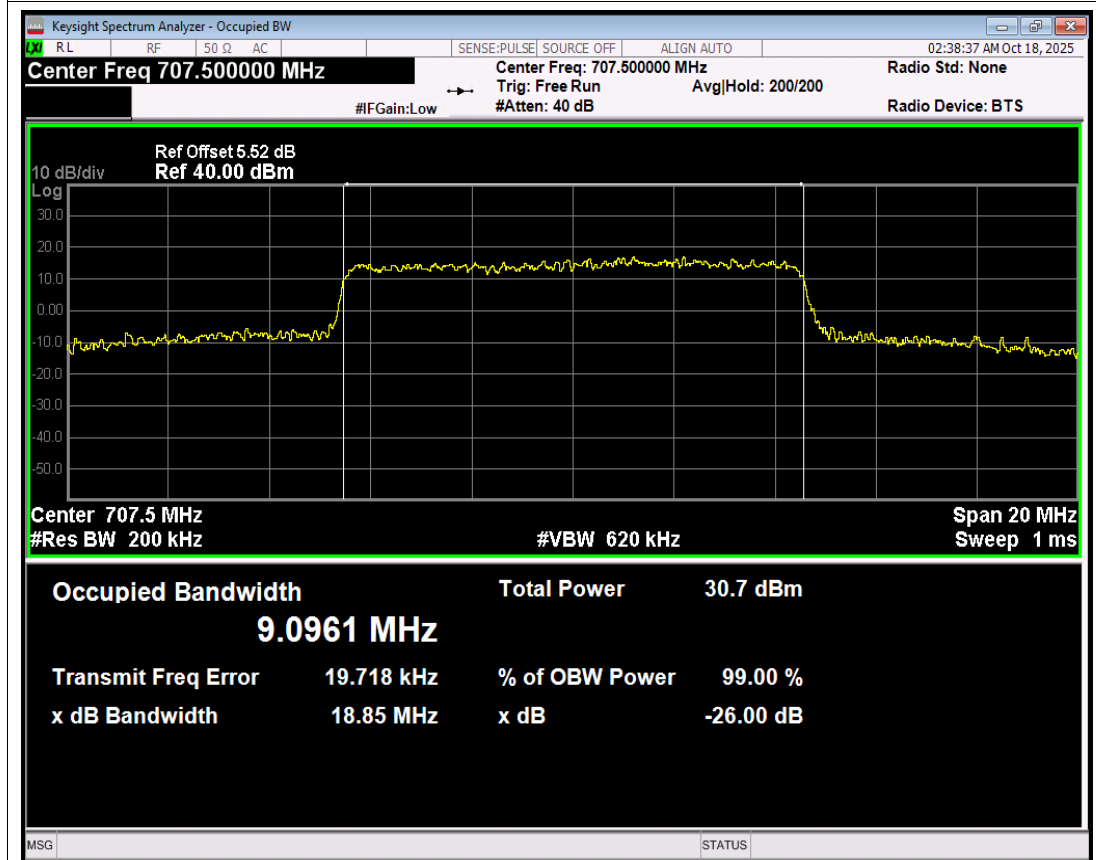
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



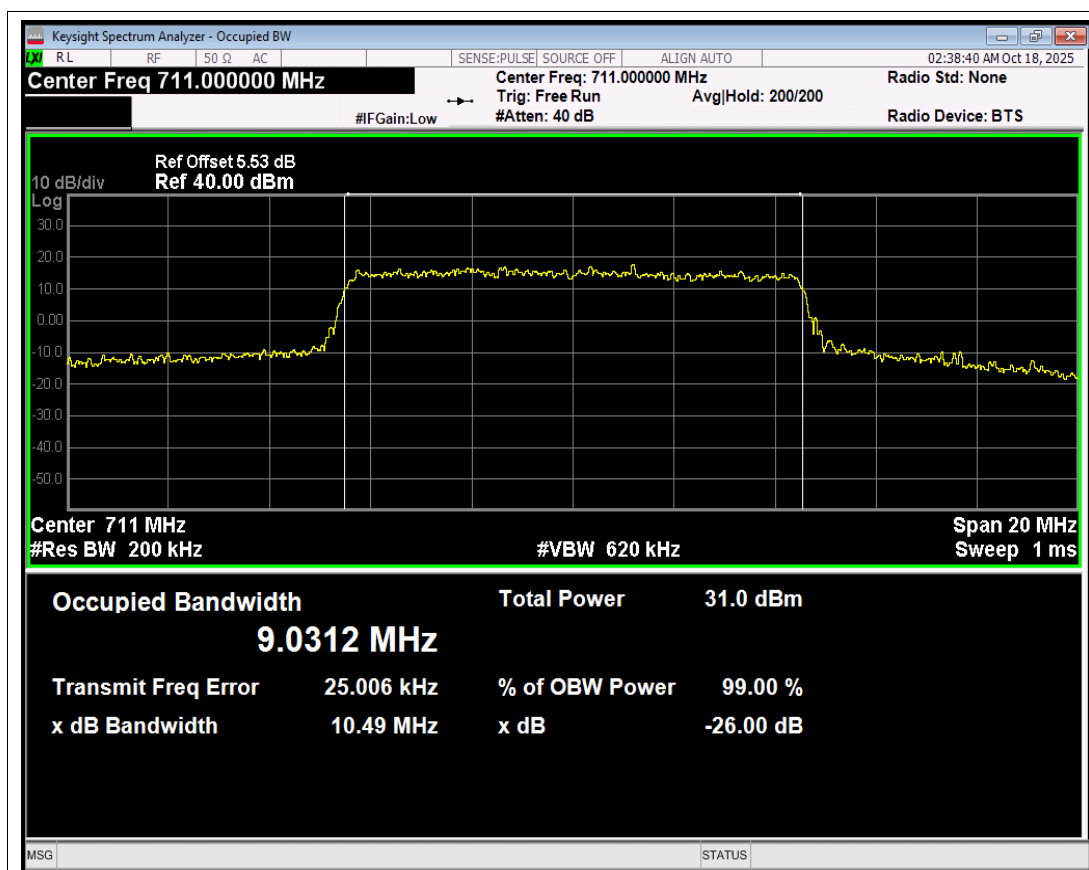
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



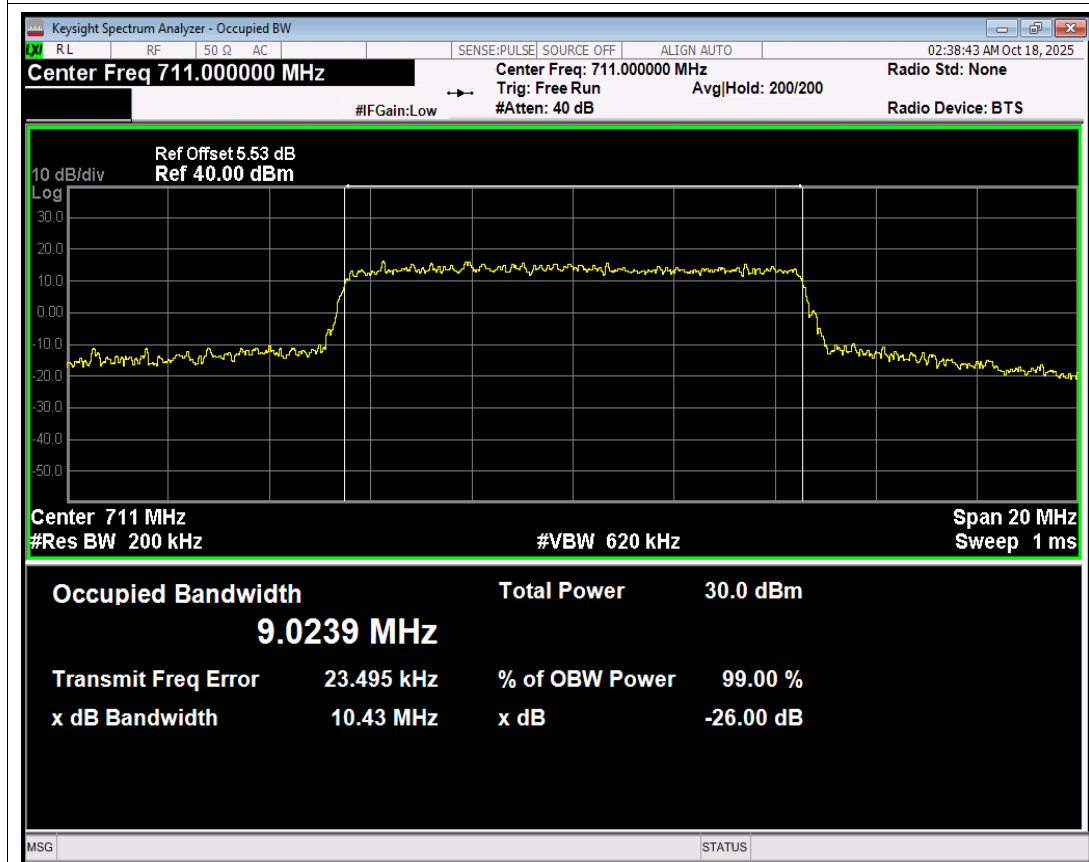
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT

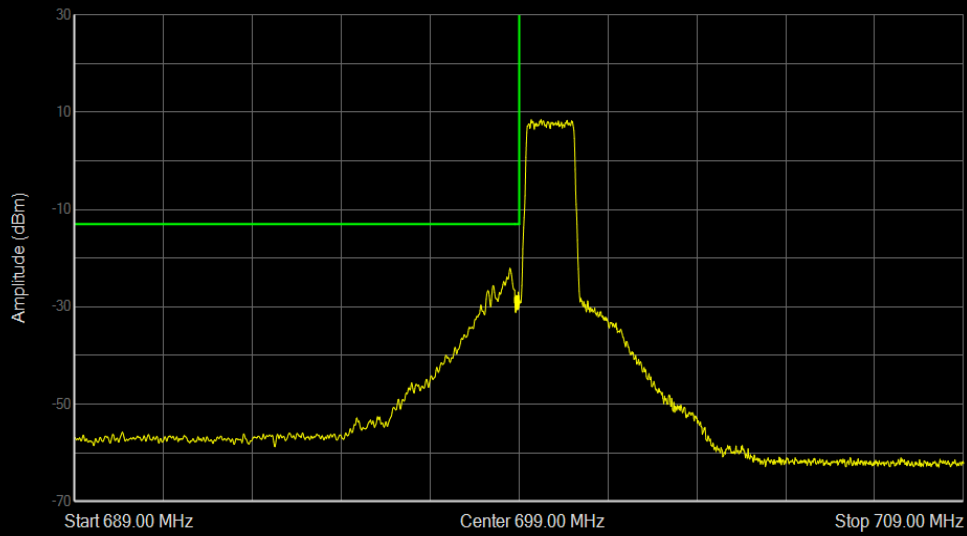


Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT



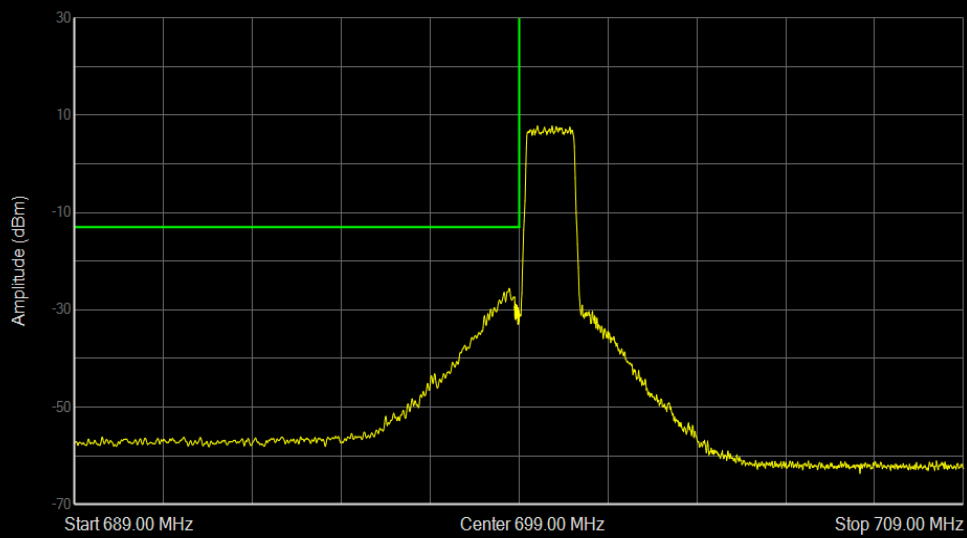
**Appendix 5. Band edge**

| <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             | Band12      | 1.4                        | 23017                 | 6                  | #0                     | QPSK              | 698.79                         | -22.07                          | -13                    | PASS           |
| NVNT             | Band12      | 1.4                        | 23017                 | 6                  | #0                     | 16QAM             | 698.77                         | -25.61                          | -13                    | PASS           |
| NVNT             | Band12      | 1.4                        | 23173                 | 6                  | #0                     | QPSK              | 716.12                         | -15.40                          | -13                    | PASS           |
| NVNT             | Band12      | 1.4                        | 23173                 | 6                  | #0                     | 16QAM             | 716.21                         | -18.79                          | -13                    | PASS           |
| NVNT             | Band12      | 3                          | 23025                 | 15                 | #0                     | QPSK              | 698.99                         | -22.33                          | -13                    | PASS           |
| NVNT             | Band12      | 3                          | 23025                 | 15                 | #0                     | 16QAM             | 699.00                         | -23.62                          | -13                    | PASS           |
| NVNT             | Band12      | 3                          | 23165                 | 15                 | #0                     | QPSK              | 716.15                         | -17.60                          | -13                    | PASS           |
| NVNT             | Band12      | 3                          | 23165                 | 15                 | #0                     | 16QAM             | 716.11                         | -18.85                          | -13                    | PASS           |
| NVNT             | Band12      | 5                          | 23035                 | 25                 | #0                     | QPSK              | 698.81                         | -20.00                          | -13                    | PASS           |
| NVNT             | Band12      | 5                          | 23035                 | 25                 | #0                     | 16QAM             | 698.69                         | -22.48                          | -13                    | PASS           |
| NVNT             | Band12      | 5                          | 23155                 | 25                 | #0                     | QPSK              | 716.11                         | -18.21                          | -13                    | PASS           |
| NVNT             | Band12      | 5                          | 23155                 | 25                 | #0                     | 16QAM             | 716.33                         | -20.48                          | -13                    | PASS           |
| NVNT             | Band12      | 10                         | 23060                 | 50                 | #0                     | QPSK              | 698.83                         | -16.76                          | -13                    | PASS           |
| NVNT             | Band12      | 10                         | 23060                 | 50                 | #0                     | 16QAM             | 698.42                         | -20.64                          | -13                    | PASS           |
| NVNT             | Band12      | 10                         | 23130                 | 50                 | #0                     | QPSK              | 716.14                         | -19.37                          | -13                    | PASS           |
| NVNT             | Band12      | 10                         | 23130                 | 50                 | #0                     | 16QAM             | 716.15                         | -23.00                          | -13                    | PASS           |



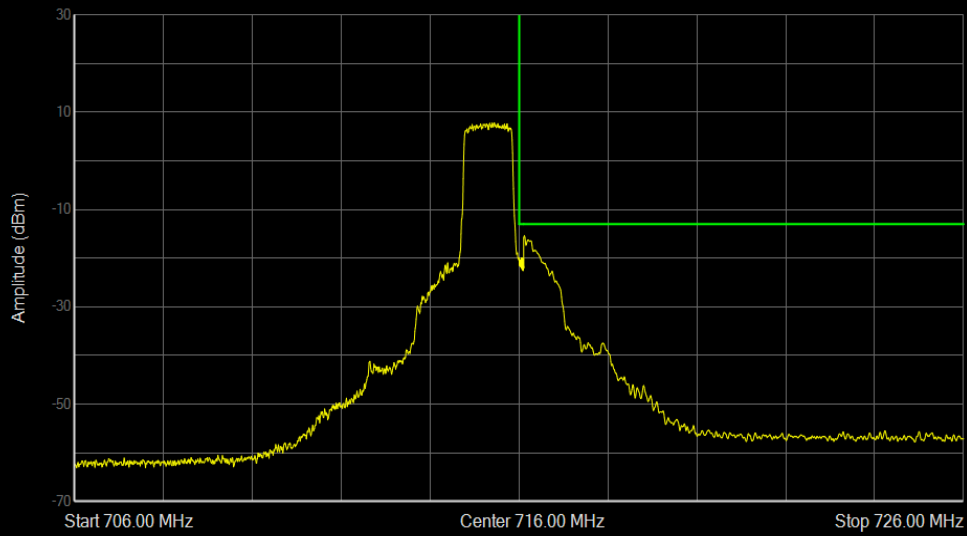
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.7911        | -22.07           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9787        | -26.97           | -13         |

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



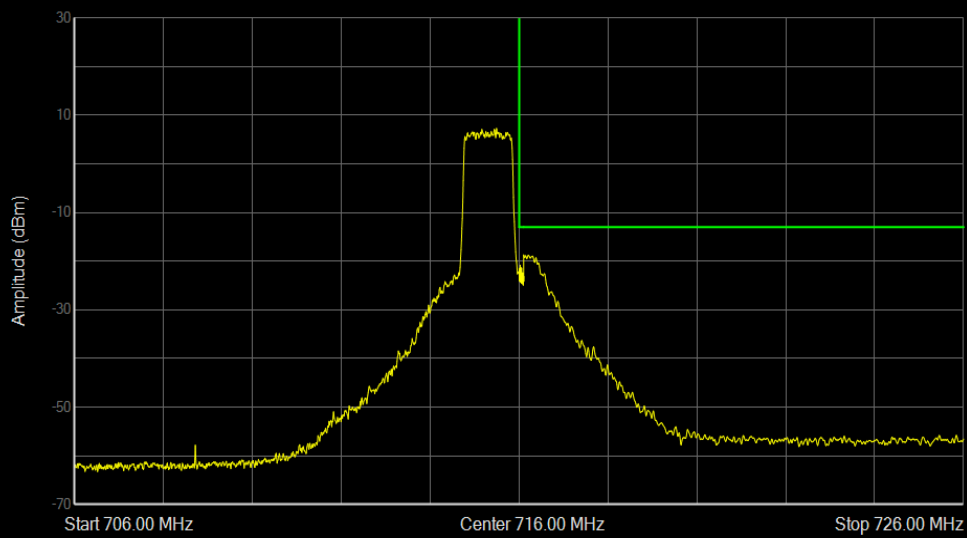
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.7713        | -25.61           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9044        | -28.38           | -13         |

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



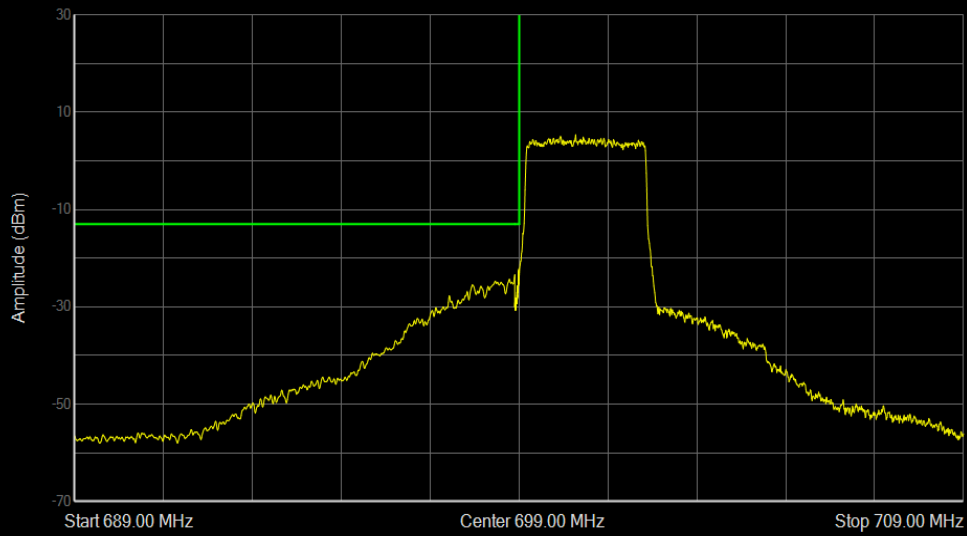
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0587        | -19.91           | -13         |
| 2     | 716.1       | 726        | 100       | 716.1198        | -15.4            | -13         |

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



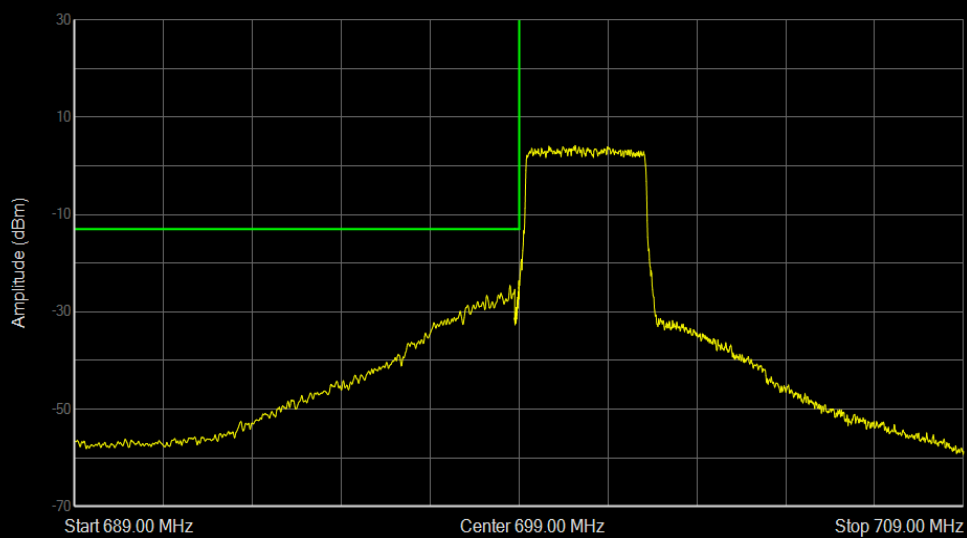
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0245        | -20.86           | -13         |
| 2     | 716.1       | 726        | 100       | 716.2089        | -18.79           | -13         |

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



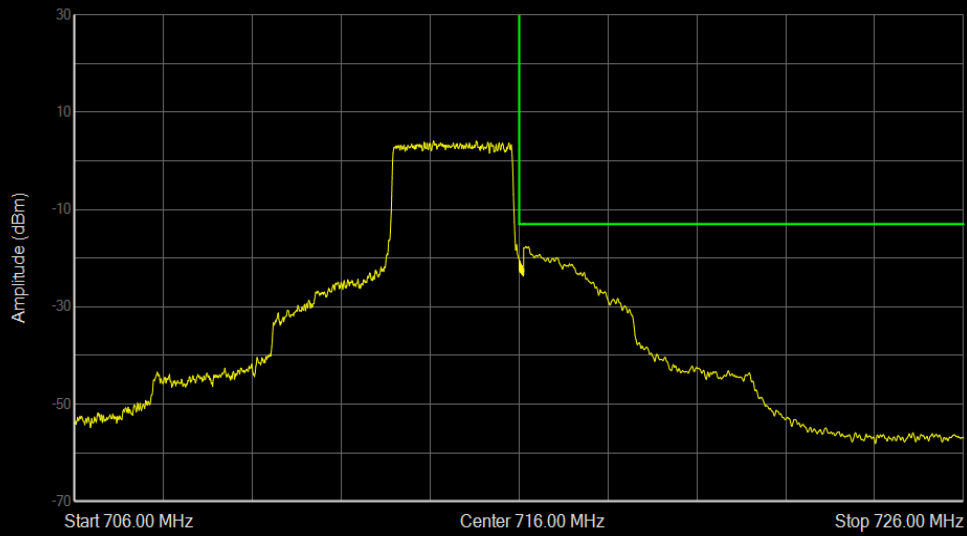
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.9           | -23.41           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9906        | -22.33           | -13         |

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



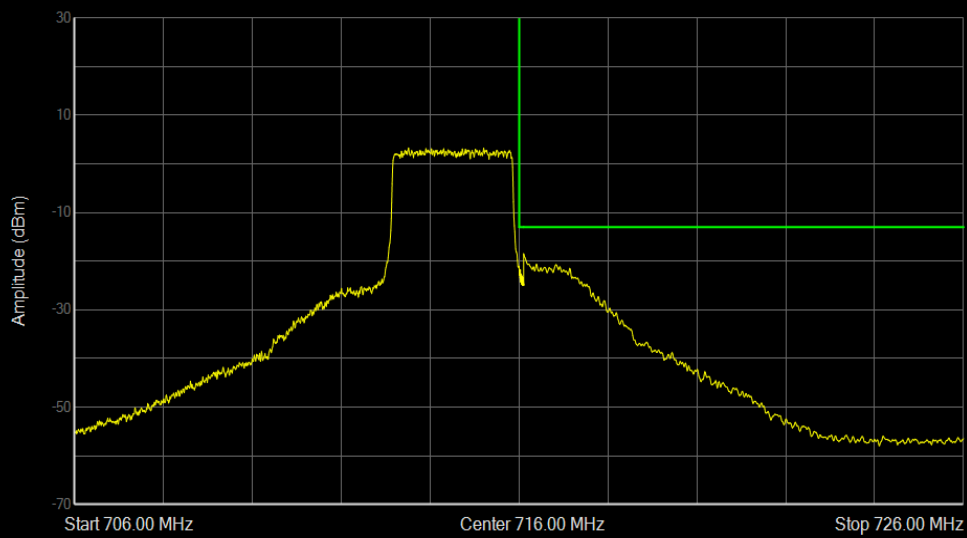
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.7911        | -24.59           | -13         |
| 2     | 698.9       | 699        | 30        | 699             | -23.62           | -13         |

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



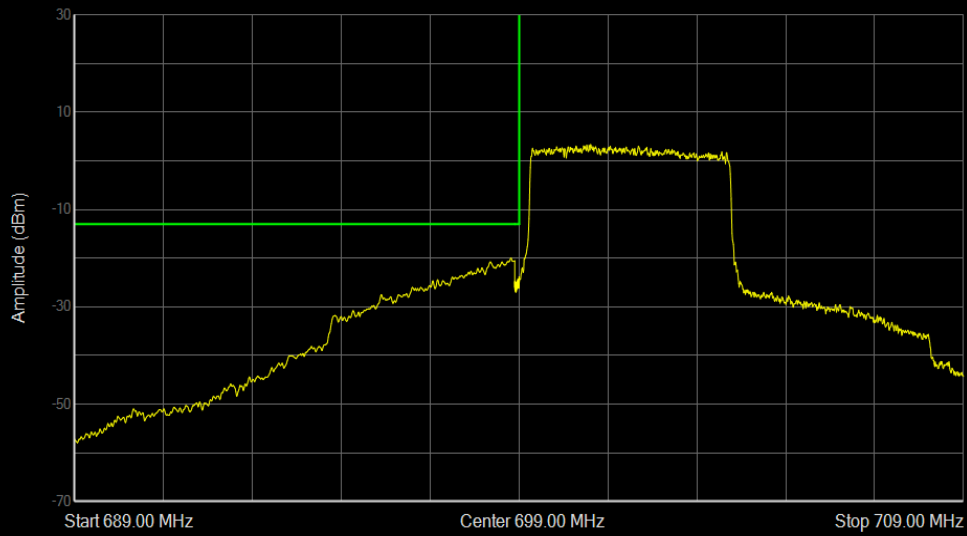
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.009         | -20.54           | -13         |
| 2     | 716.1       | 726        | 100       | 716.1495        | -17.6            | -13         |

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



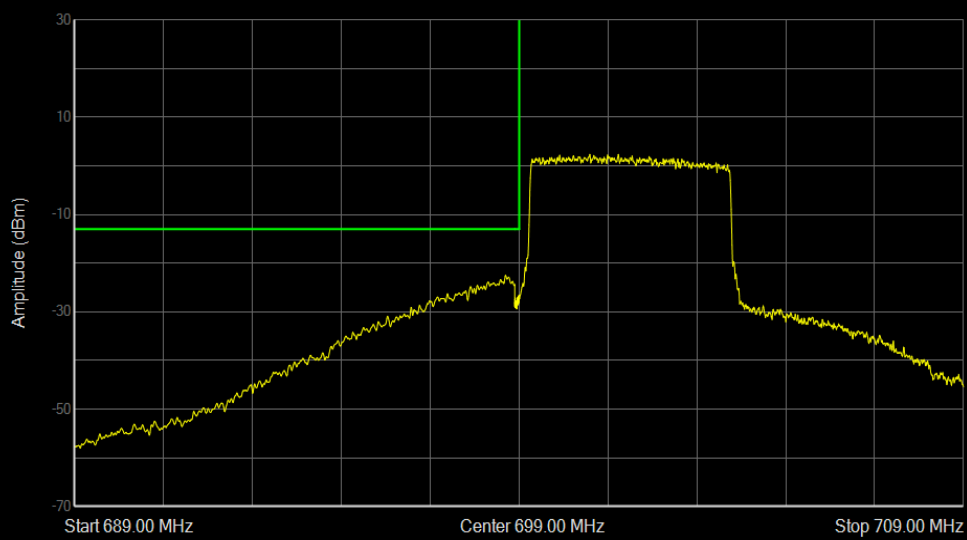
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0001        | -21.21           | -13         |
| 2     | 716.1       | 726        | 100       | 716.1099        | -18.85           | -13         |

Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



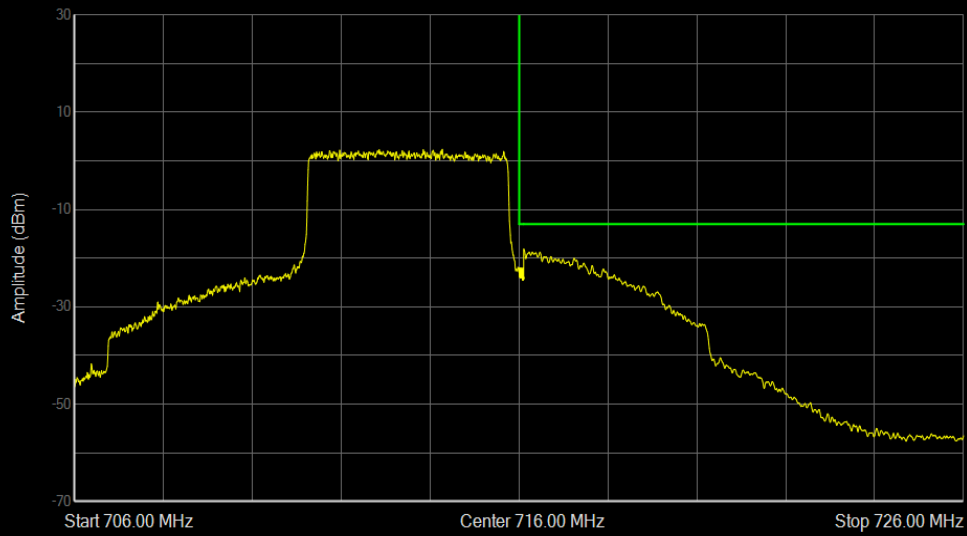
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.8109        | -20              | -13         |
| 2     | 698.9       | 699        | 30        | 698.9971        | -23.85           | -13         |

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



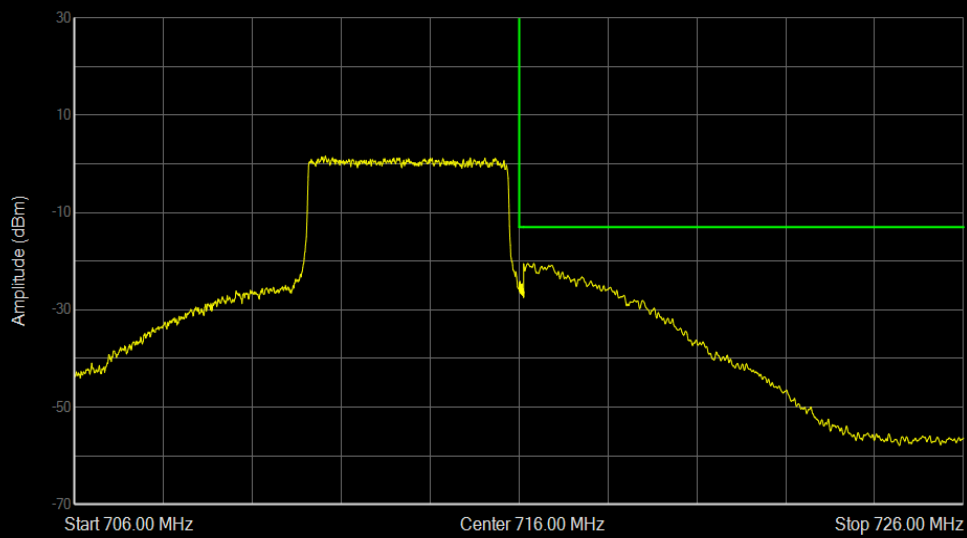
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 689         | 698.9      | 100       | 698.6921        | -22.48           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9996        | -26.61           | -13         |

Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0118        | -21.99           | -13         |
| 2     | 716.1       | 726        | 100       | 716.1099        | -18.21           | -13         |

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



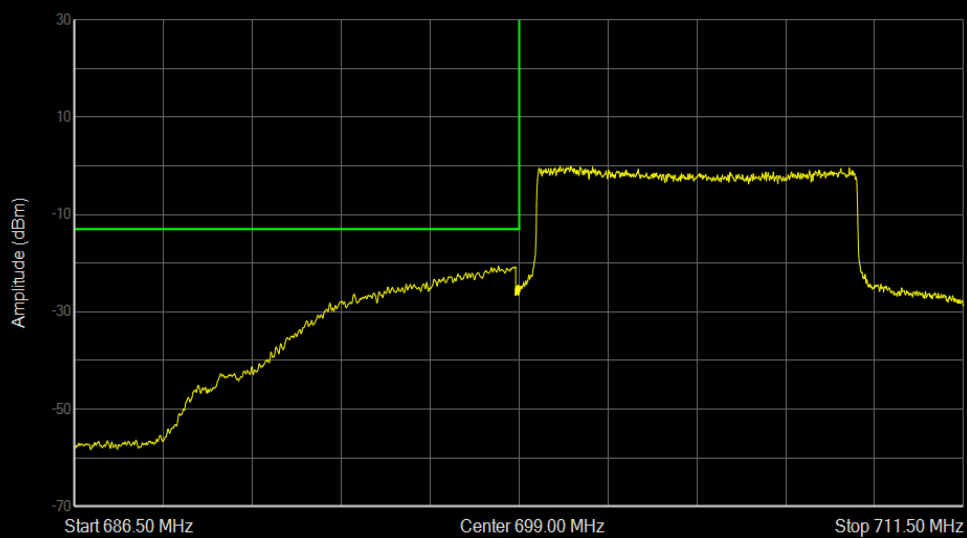
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0174        | -24.19           | -13         |
| 2     | 716.1       | 726        | 100       | 716.3277        | -20.48           | -13         |

Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



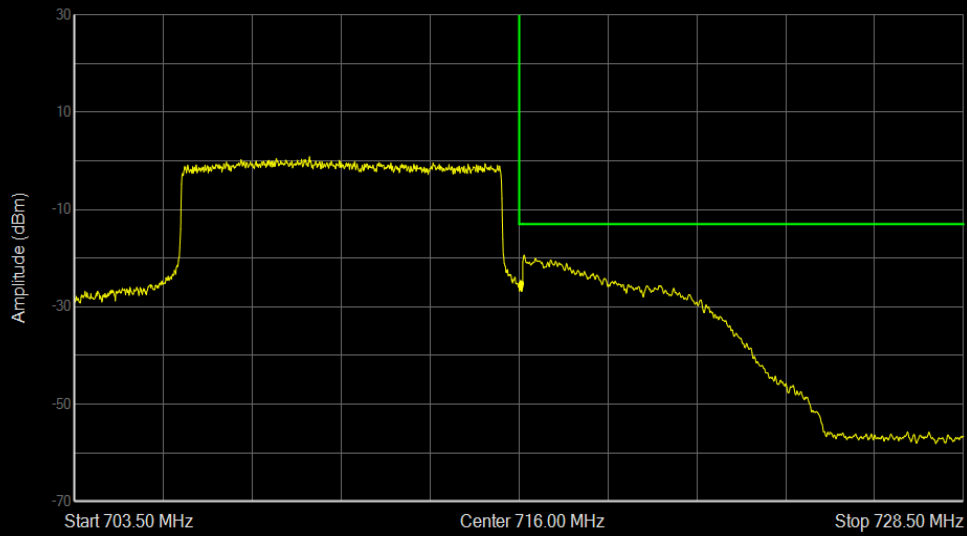
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 686.5       | 698.9      | 100       | 698.8256        | -16.76           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9988        | -21.1            | -13         |

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



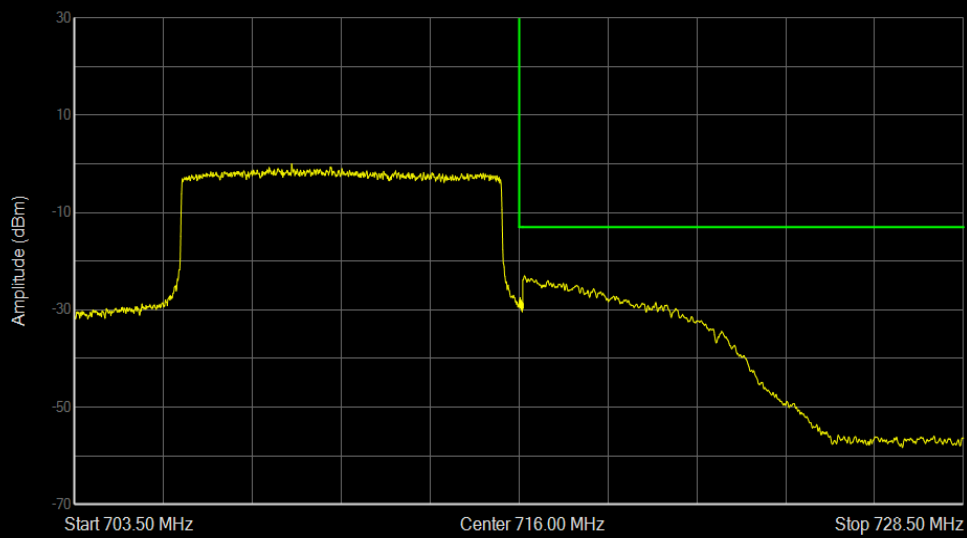
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 686.5       | 698.9      | 100       | 698.4164        | -20.64           | -13         |
| 2     | 698.9       | 699        | 30        | 698.9756        | -24.54           | -13         |

Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0402        | -24.64           | -13         |
| 2     | 716.1       | 728.5      | 100       | 716.1372        | -19.37           | -13         |

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT



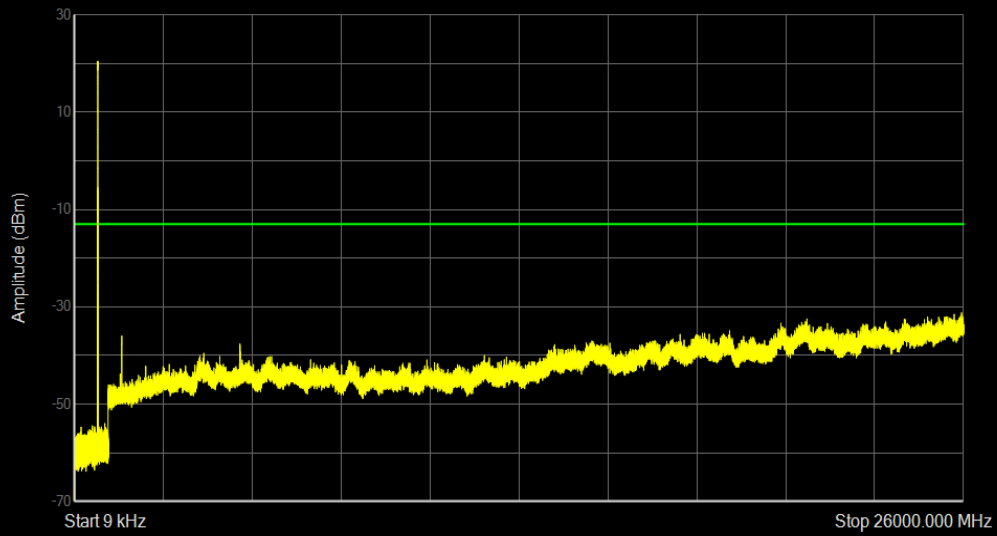
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 716         | 716.1      | 30        | 716.0262        | -27.53           | -13         |
| 2     | 716.1       | 728.5      | 100       | 716.1496        | -23              | -13         |

Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT



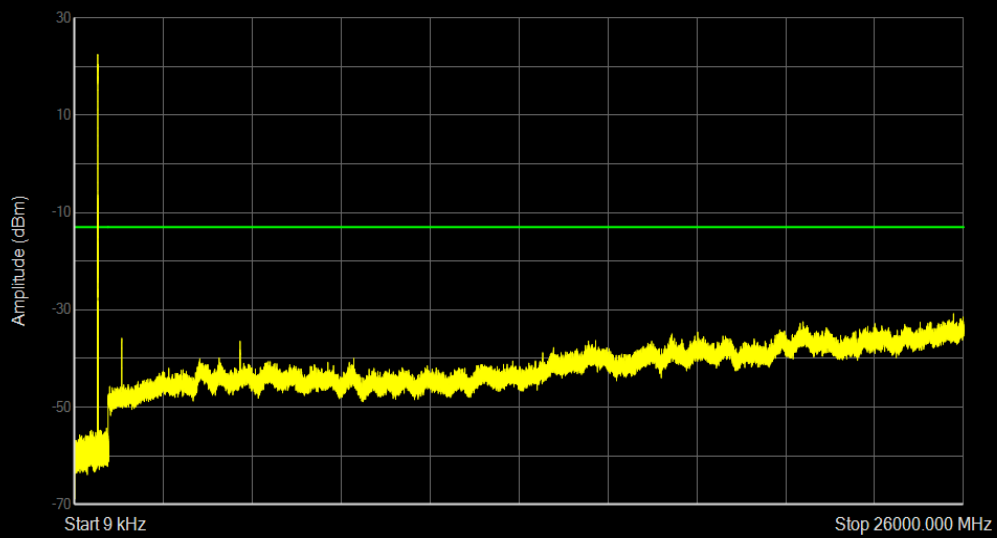
## Appendix 6.Out-of-band emissions

| Condition | Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Spur Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|--------|--------------------|---------------|------------|----------------|------------|--------------------|------------------------|----------------|---------|
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | QPSK       | 25940.00           | -31.23                 | -13            | PASS    |
| NVNT      | Band12 | 1.4                | 23017         | 6          | #0             | 16QAM      | 25705.63           | -30.81                 | -13            | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | QPSK       | 0.01               | -30.00                 | -13            | PASS    |
| NVNT      | Band12 | 1.4                | 23095         | 6          | #0             | 16QAM      | 25881.88           | -31.59                 | -13            | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 6          | #0             | QPSK       | 0.01               | -24.46                 | -13            | PASS    |
| NVNT      | Band12 | 1.4                | 23173         | 6          | #0             | 16QAM      | 0.01               | -28.06                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 15         | #0             | QPSK       | 25996.88           | -31.27                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23025         | 15         | #0             | 16QAM      | 25711.25           | -30.91                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 15         | #0             | QPSK       | 25981.25           | -29.60                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23095         | 15         | #0             | 16QAM      | 25850.00           | -31.22                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 15         | #0             | QPSK       | 25566.88           | -31.39                 | -13            | PASS    |
| NVNT      | Band12 | 3                  | 23165         | 15         | #0             | 16QAM      | 0.01               | -28.02                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 25         | #0             | QPSK       | 0.01               | -27.59                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23035         | 25         | #0             | 16QAM      | 0.01               | -31.43                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 25         | #0             | QPSK       | 0.01               | -28.66                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23095         | 25         | #0             | 16QAM      | 25590.00           | -31.06                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 25         | #0             | QPSK       | 0.01               | -30.38                 | -13            | PASS    |
| NVNT      | Band12 | 5                  | 23155         | 25         | #0             | 16QAM      | 0.01               | -27.79                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 50         | #0             | QPSK       | 25926.25           | -31.69                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23060         | 50         | #0             | 16QAM      | 25712.50           | -31.30                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 50         | #0             | QPSK       | 25506.88           | -31.37                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23095         | 50         | #0             | 16QAM      | 25510.63           | -31.33                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 50         | #0             | QPSK       | 25505.63           | -31.27                 | -13            | PASS    |
| NVNT      | Band12 | 10                 | 23130         | 50         | #0             | 16QAM      | 25496.88           | -30.60                 | -13            | PASS    |



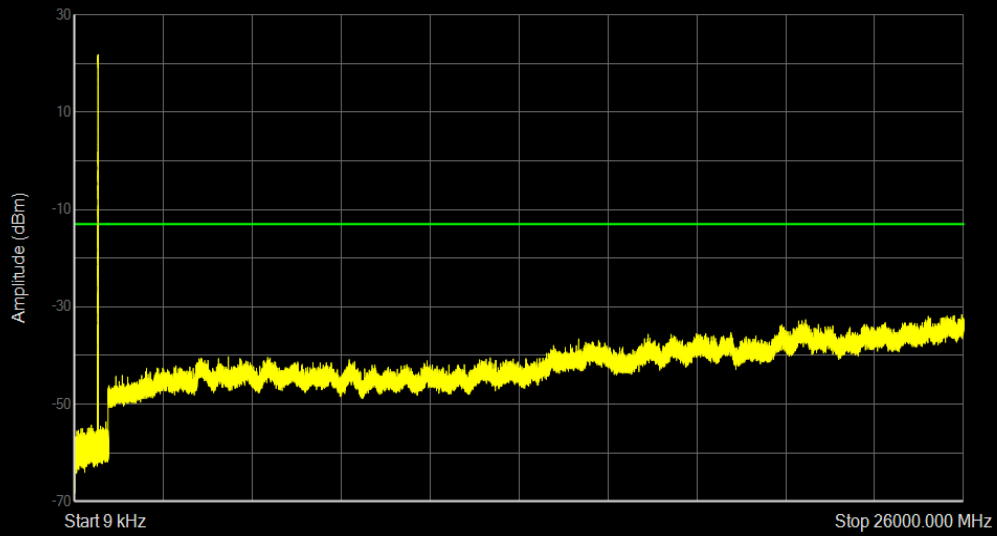
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.00902115      | -34.35           | -13         |
| 2     | 0.15        | 30         | 10        | 0.164925        | -40.5            | -13         |
| 3     | 30          | 1000       | 100       | 902.97575       | -53.97           | -13         |
| 4     | 1000        | 26000      | 1000      | 25940           | -31.23           | -13         |

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



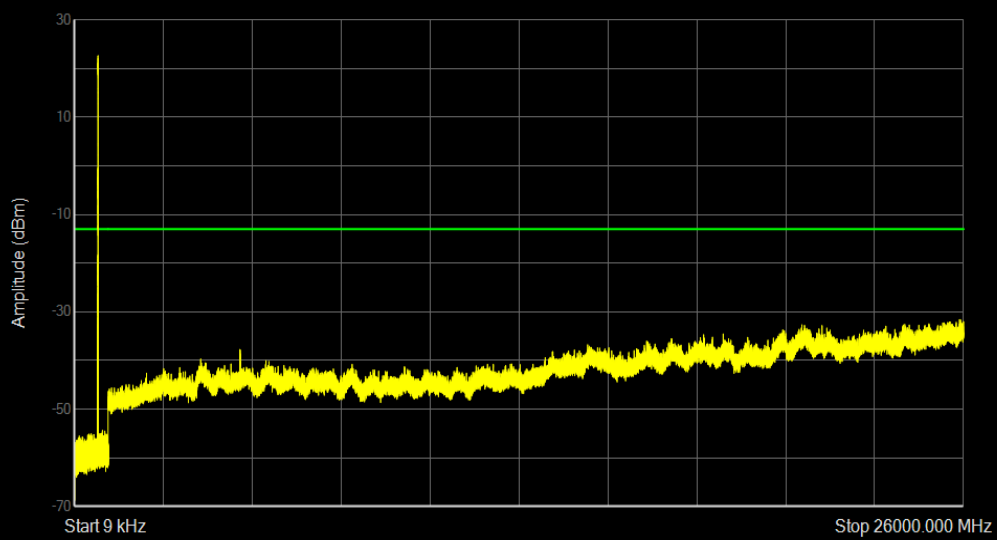
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009560475     | -36.64           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15074625      | -39.22           | -13         |
| 3     | 30          | 1000       | 100       | 952.567         | -54.36           | -13         |
| 4     | 1000        | 26000      | 1000      | 25705.625       | -30.81           | -13         |

Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



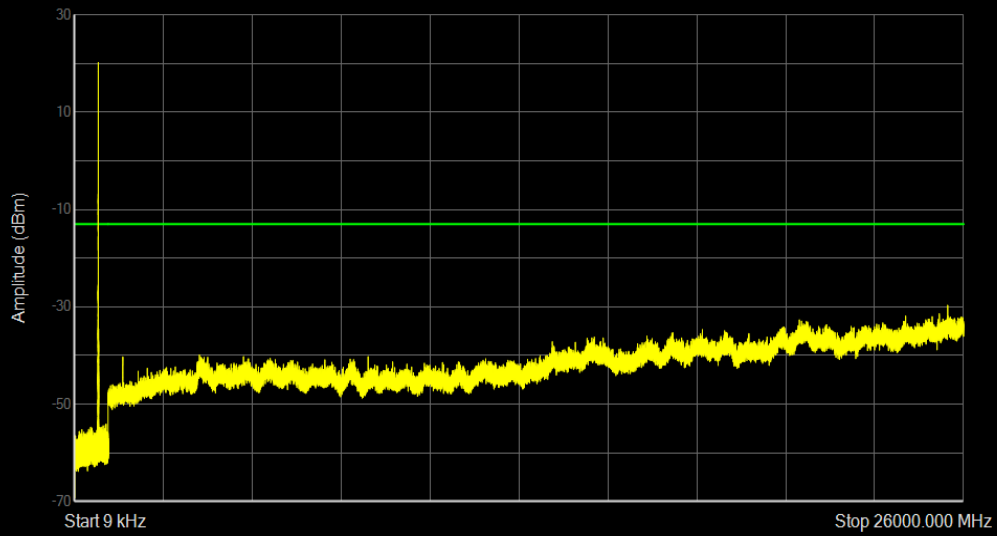
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.014283975     | -30              | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -31.4            | -13         |
| 3     | 30          | 1000       | 100       | 937.99275       | -53.65           | -13         |
| 4     | 1000        | 26000      | 1000      | 25948.125       | -31.61           | -13         |

Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



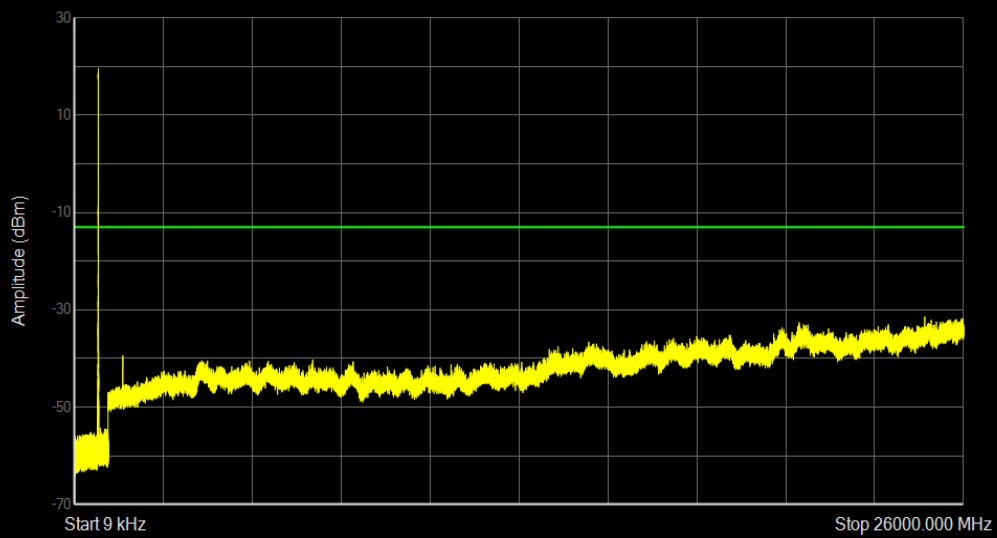
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.010321875     | -35.14           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -41.42           | -13         |
| 3     | 30          | 1000       | 100       | 836.652         | -54.39           | -13         |
| 4     | 1000        | 26000      | 1000      | 25881.875       | -31.59           | -13         |

Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



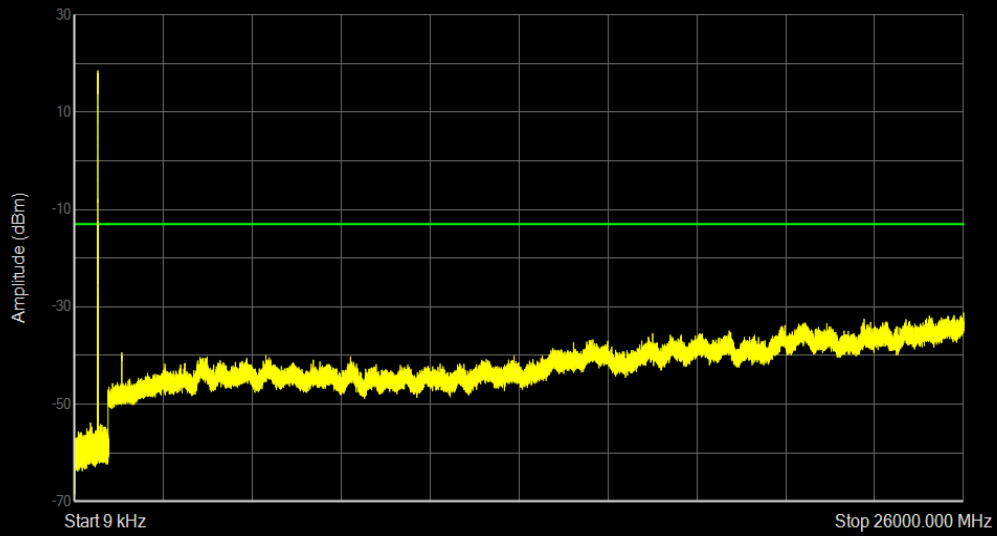
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0117777       | -24.46           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16119375      | -32.3            | -13         |
| 3     | 30          | 1000       | 100       | 941.024         | -54.1            | -13         |
| 4     | 1000        | 26000      | 1000      | 25536.875       | -29.69           | -13         |

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



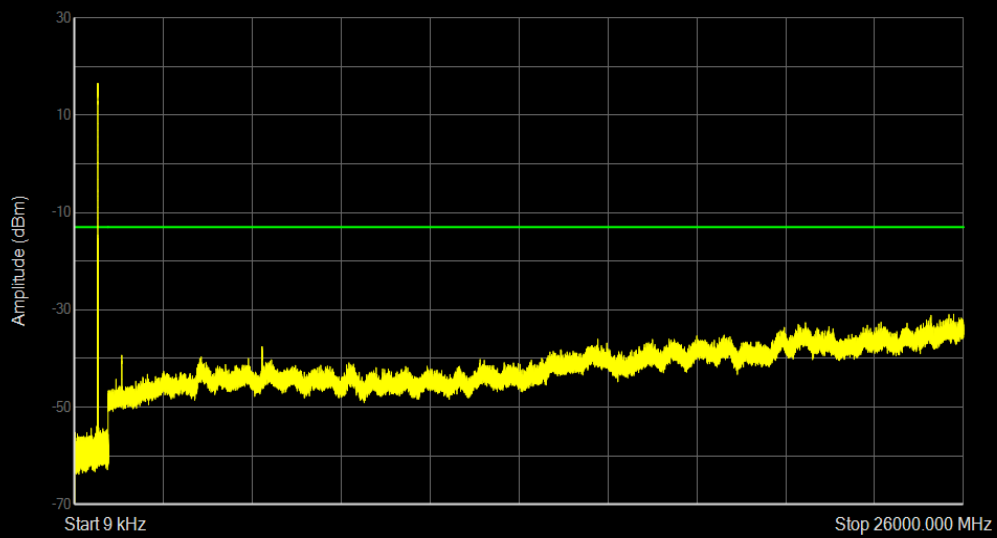
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009687375     | -28.06           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1574625       | -28.06           | -13         |
| 3     | 30          | 1000       | 100       | 776.609         | -54.39           | -13         |
| 4     | 1000        | 26000      | 1000      | 24865           | -31.45           | -13         |

Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



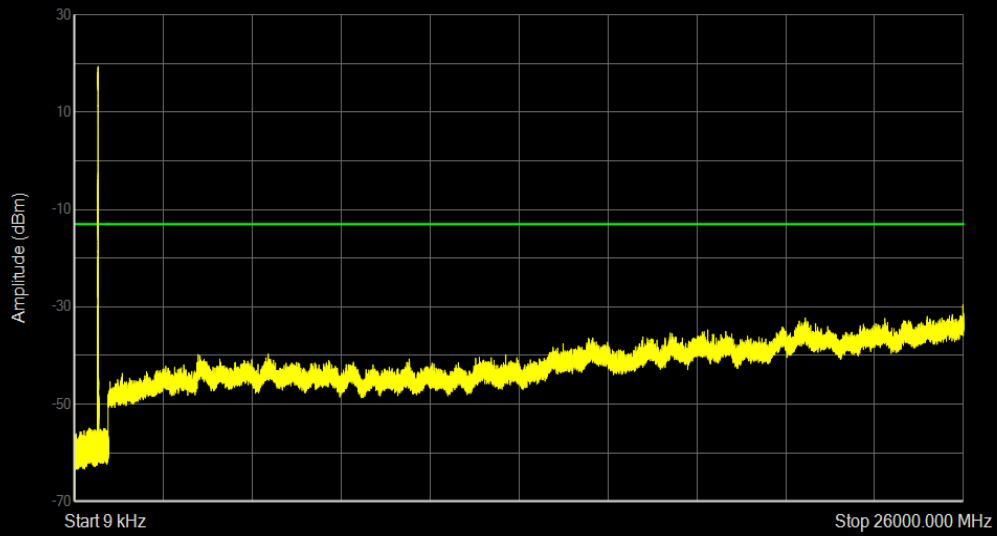
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0090423       | -31.6            | -13         |
| 2     | 0.15        | 30         | 10        | 0.17761125      | -33.07           | -13         |
| 3     | 30          | 1000       | 100       | 487.2095        | -53.87           | -13         |
| 4     | 1000        | 26000      | 1000      | 25996.875       | -31.27           | -13         |

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



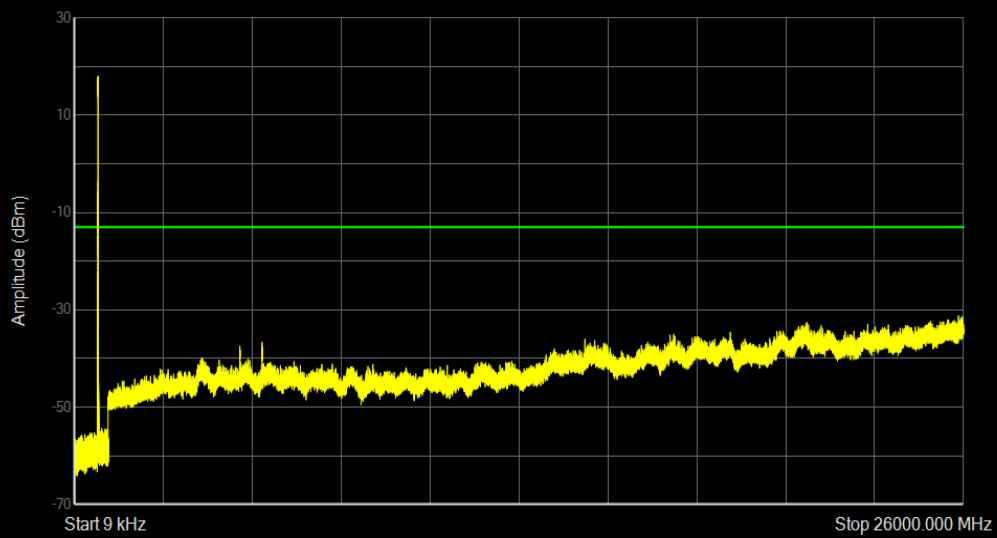
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009193875     | -33.99           | -13         |
| 2     | 0.15        | 30         | 10        | 0.164925        | -38.9            | -13         |
| 3     | 30          | 1000       | 100       | 666.514         | -53.99           | -13         |
| 4     | 1000        | 26000      | 1000      | 25711.25        | -30.91           | -13         |

Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



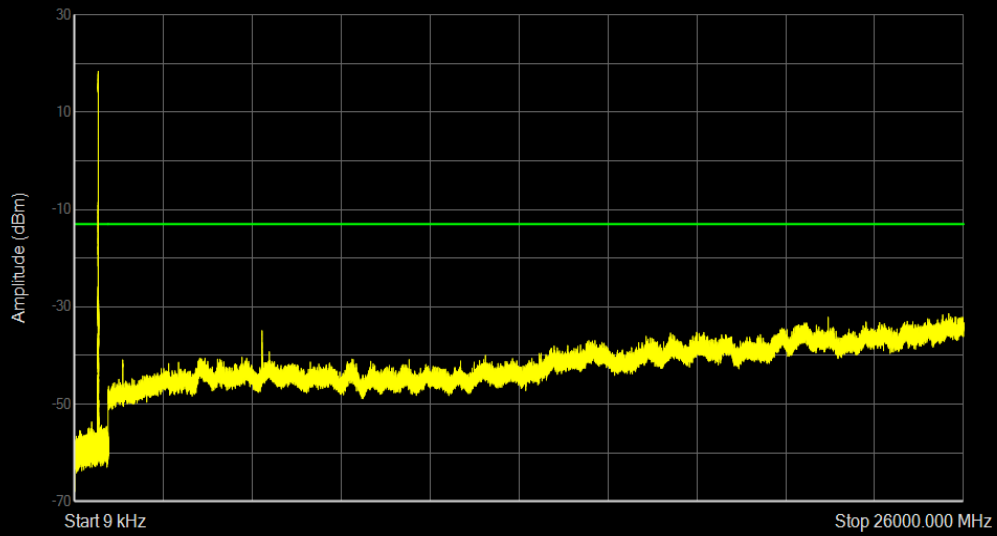
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009743775     | -34.98           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15820875      | -38.42           | -13         |
| 3     | 30          | 1000       | 100       | 454.181         | -54.91           | -13         |
| 4     | 1000        | 26000      | 1000      | 25981.25        | -29.6            | -13         |

Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT



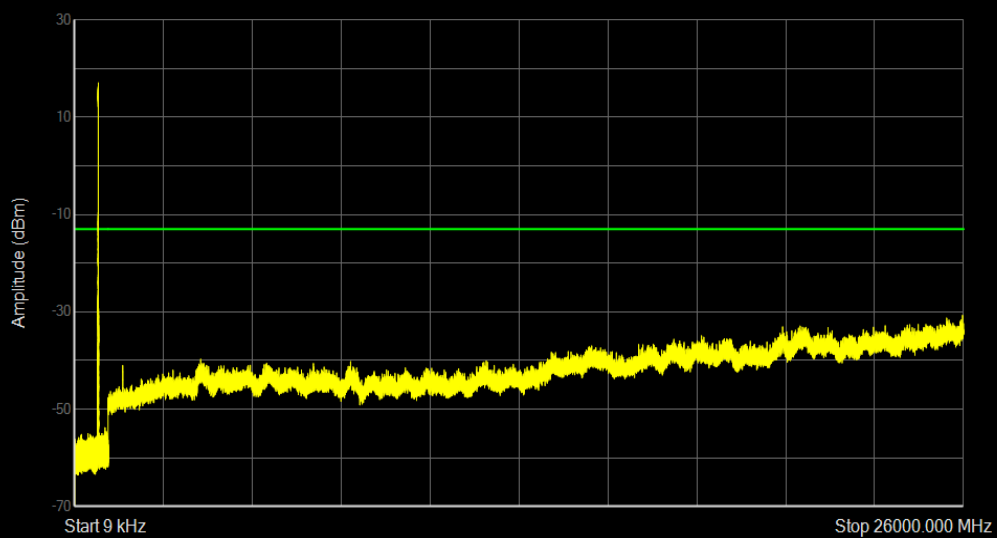
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -32.68           | -13         |
| 2     | 0.15        | 30         | 10        | 0.17313375      | -36.6            | -13         |
| 3     | 30          | 1000       | 100       | 732.474         | -54              | -13         |
| 4     | 1000        | 26000      | 1000      | 25850           | -31.22           | -13         |

Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT



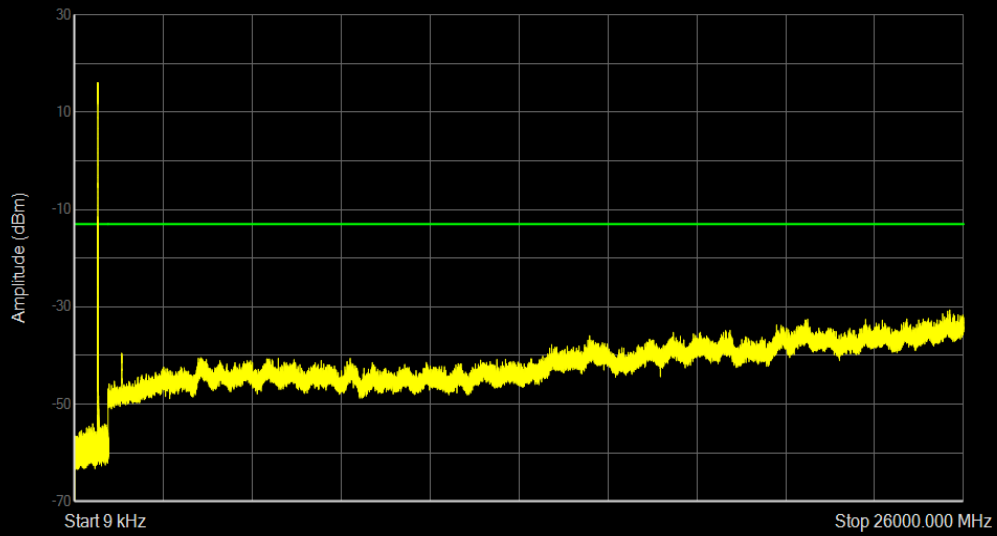
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -31.5            | -13         |
| 2     | 0.15        | 30         | 10        | 0.1514925       | -34.47           | -13         |
| 3     | 30          | 1000       | 100       | 523.07525       | -53.68           | -13         |
| 4     | 1000        | 26000      | 1000      | 25566.875       | -31.39           | -13         |

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



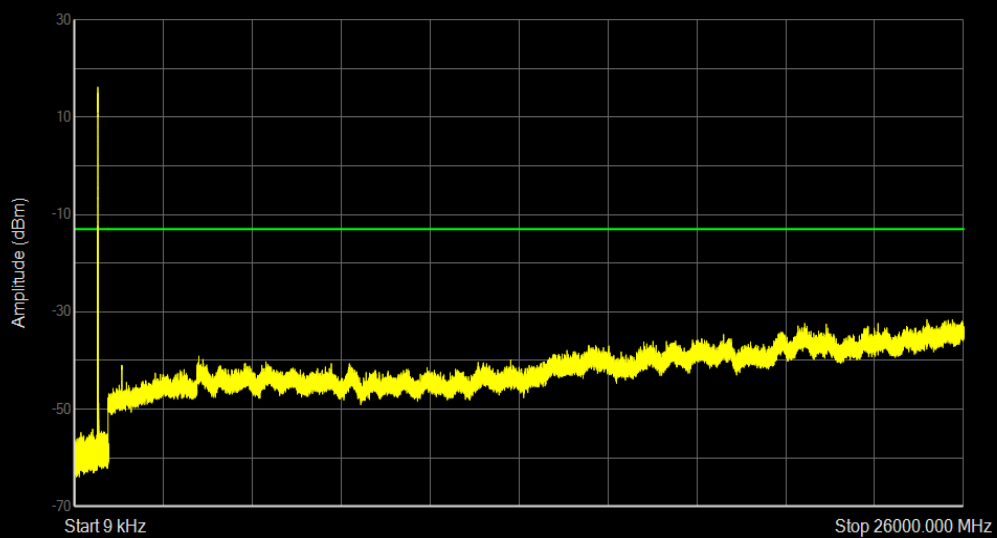
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -28.02           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15            | -37.3            | -13         |
| 3     | 30          | 1000       | 100       | 910.83275       | -53.81           | -13         |
| 4     | 1000        | 26000      | 1000      | 25971.875       | -30.72           | -13         |

Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



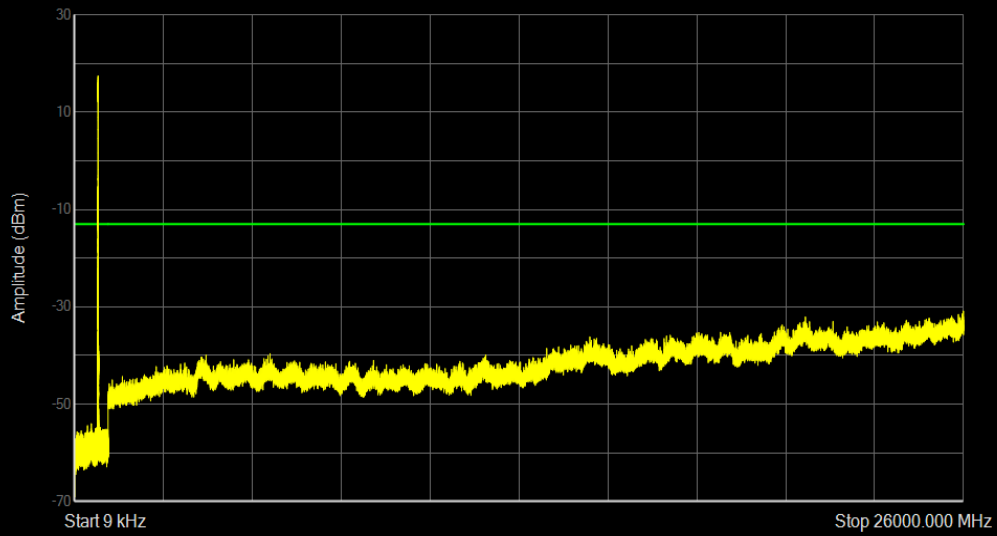
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.010166775     | -27.59           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1604475       | -40.47           | -13         |
| 3     | 30          | 1000       | 100       | 551.73875       | -54.03           | -13         |
| 4     | 1000        | 26000      | 1000      | 25596.875       | -30.65           | -13         |

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



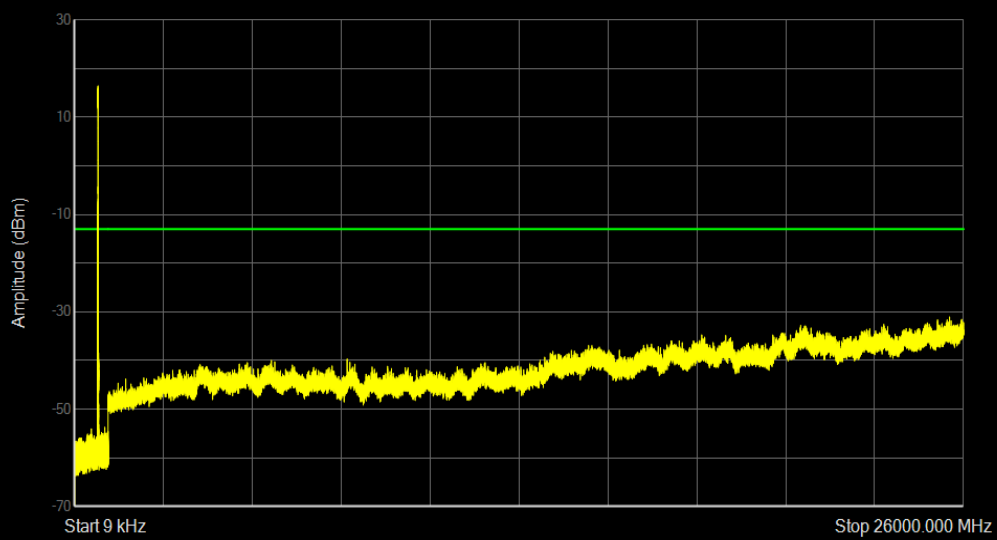
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0093243       | -31.43           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1634325       | -41.05           | -13         |
| 3     | 30          | 1000       | 100       | 549.89575       | -54.11           | -13         |
| 4     | 1000        | 26000      | 1000      | 24931.875       | -31.61           | -13         |

Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



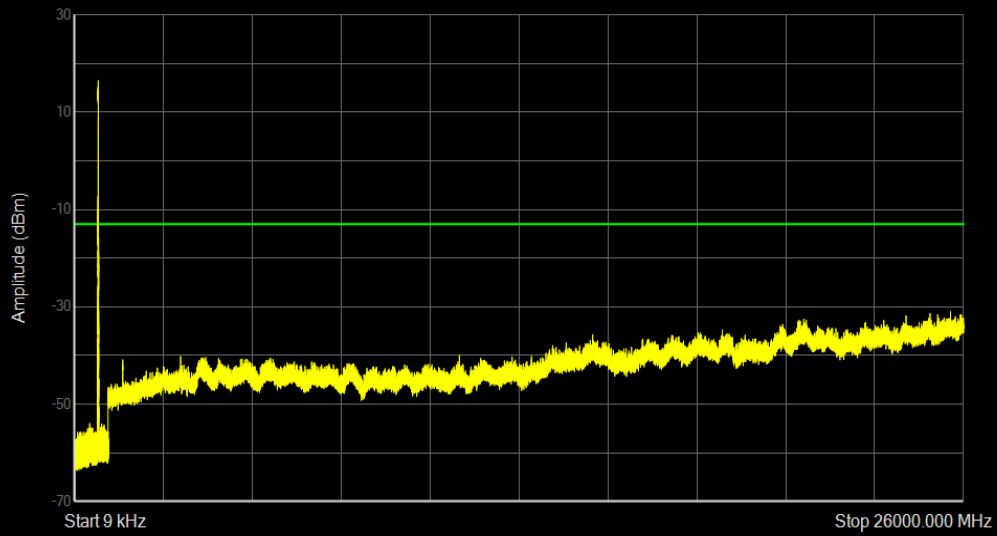
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.010096275     | -28.66           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1694025       | -35.76           | -13         |
| 3     | 30          | 1000       | 100       | 511.7505        | -54.04           | -13         |
| 4     | 1000        | 26000      | 1000      | 25993.125       | -30.86           | -13         |

Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT



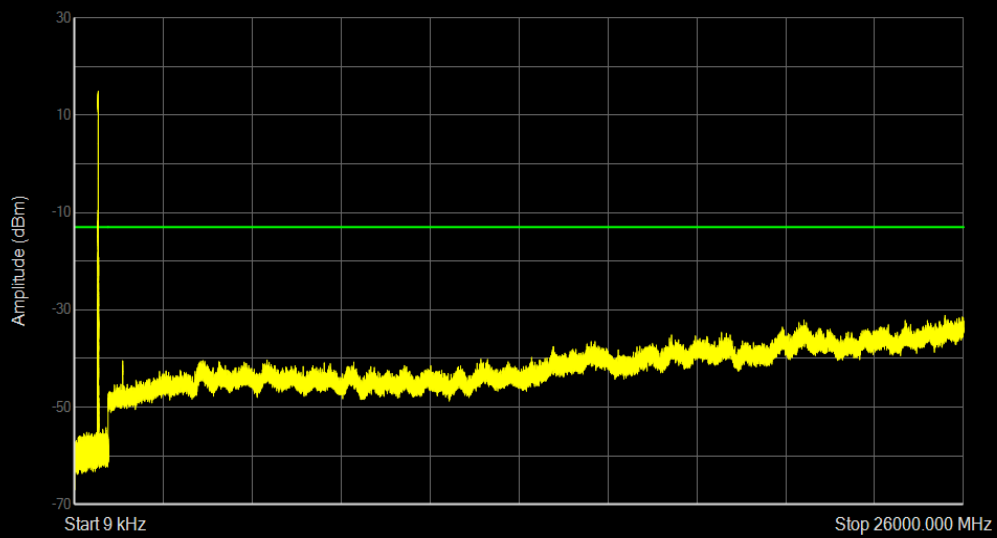
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01263075      | -31.77           | -13         |
| 2     | 0.15        | 30         | 10        | 0.17462625      | -32.67           | -13         |
| 3     | 30          | 1000       | 100       | 905.15825       | -53.72           | -13         |
| 4     | 1000        | 26000      | 1000      | 25590           | -31.06           | -13         |

Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT



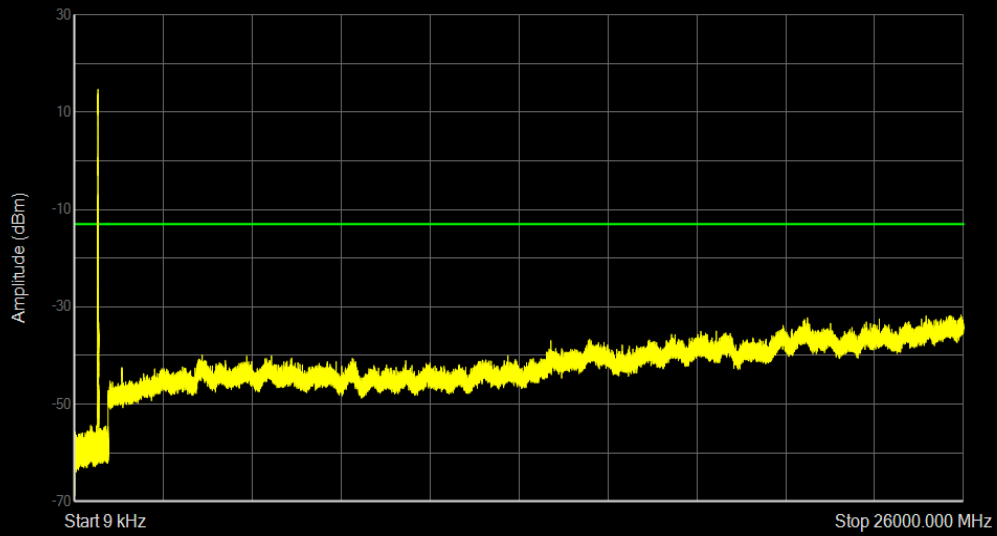
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009934125     | -30.38           | -13         |
| 2     | 0.15        | 30         | 10        | 0.15074625      | -32.34           | -13         |
| 3     | 30          | 1000       | 100       | 463.299         | -53.97           | -13         |
| 4     | 1000        | 26000      | 1000      | 25620           | -31              | -13         |

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



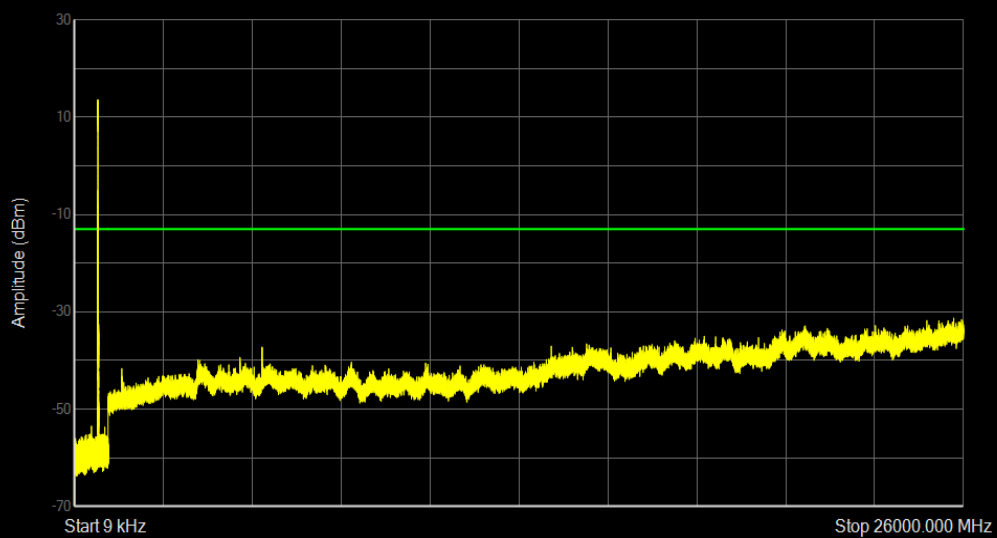
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -27.79           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1604475       | -36.45           | -13         |
| 3     | 30          | 1000       | 100       | 939.88425       | -54.21           | -13         |
| 4     | 1000        | 26000      | 1000      | 25457.5         | -31.15           | -13         |

Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



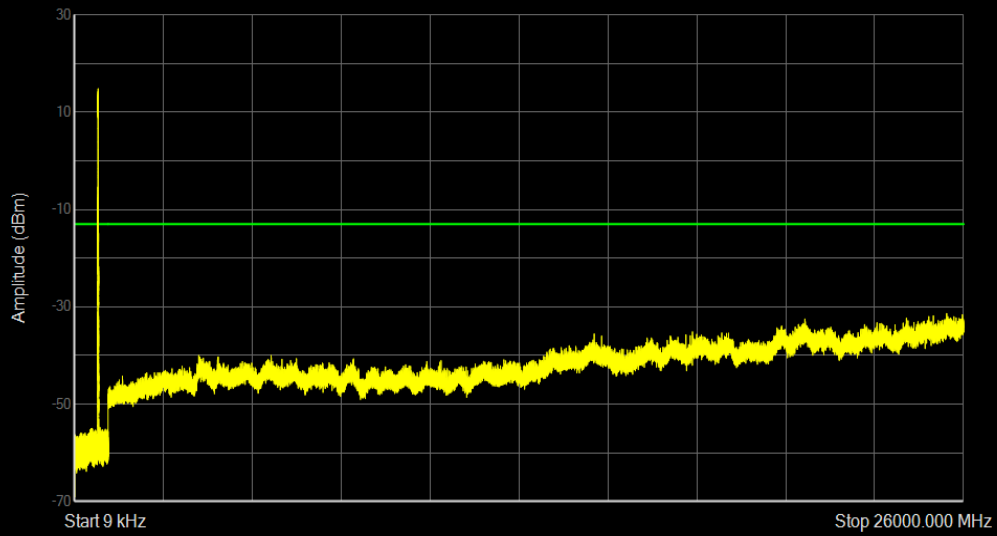
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.011865825     | -32.3            | -13         |
| 2     | 0.15        | 30         | 10        | 0.158955        | -36.64           | -13         |
| 3     | 30          | 1000       | 100       | 490.53175       | -54.42           | -13         |
| 4     | 1000        | 26000      | 1000      | 25926.25        | -31.69           | -13         |

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



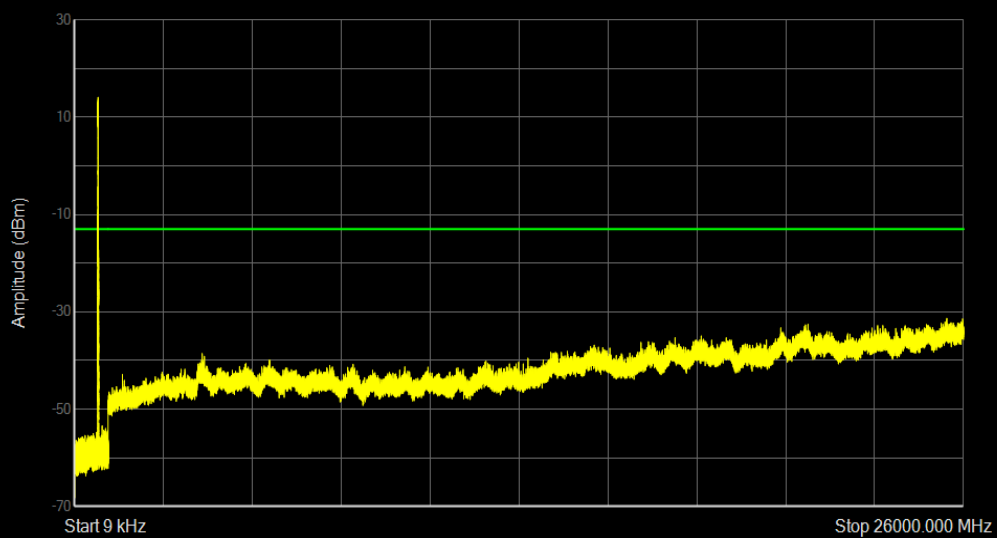
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.009           | -35.66           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1634325       | -37.89           | -13         |
| 3     | 30          | 1000       | 100       | 515.679         | -53.5            | -13         |
| 4     | 1000        | 26000      | 1000      | 25712.5         | -31.3            | -13         |

Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



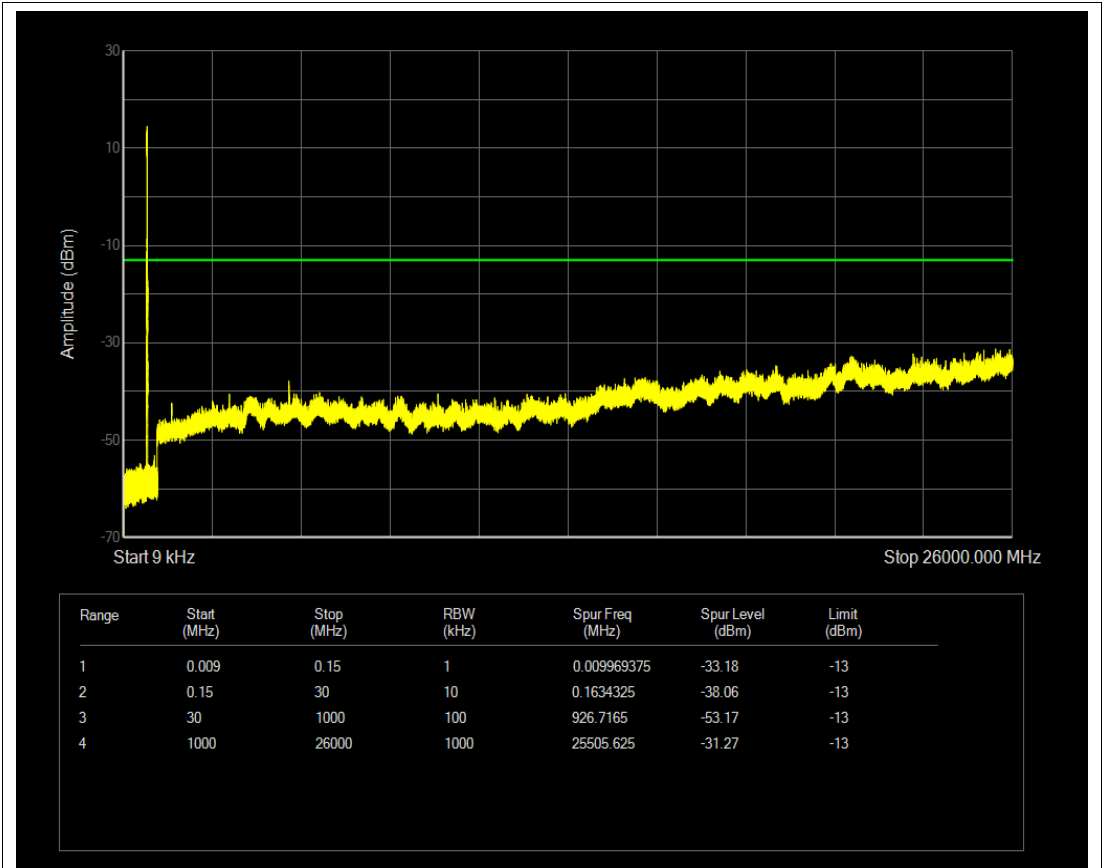
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.00986715      | -33.25           | -13         |
| 2     | 0.15        | 30         | 10        | 0.16194         | -38.59           | -13         |
| 3     | 30          | 1000       | 100       | 764.99325       | -54.85           | -13         |
| 4     | 1000        | 26000      | 1000      | 25506.875       | -31.37           | -13         |

Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT

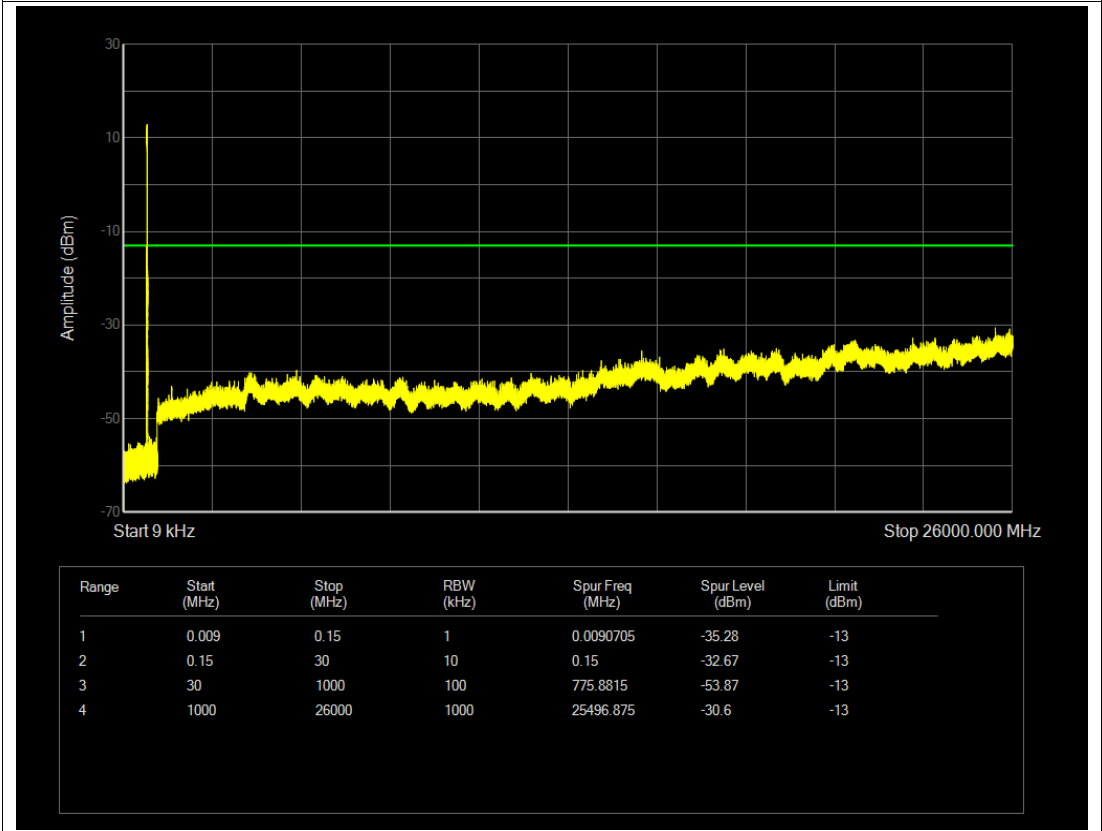


| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.0106497       | -32.69           | -13         |
| 2     | 0.15        | 30         | 10        | 0.1544775       | -36.91           | -13         |
| 3     | 30          | 1000       | 100       | 828.31          | -53.43           | -13         |
| 4     | 1000        | 26000      | 1000      | 25510.625       | -31.33           | -13         |

Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT



Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT