# Appendix for Band 4

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|---|---|
| Report No.: | BCTC2506663044-6E |
| Applicant: | SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD |
| Product Name: | Smart Phone |
| Test Model: | C2 |
| Tested Date: | 2025-06-10 to 2025-07-08 |

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

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

| Condition | Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dBm) | EIRP (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 19957 | 1 | #0 | QPSK | 23.46 | 0.94 | 24.40 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #Mid | QPSK | 23.47 | 0.94 | 24.41 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #Max | QPSK | 23.45 | 0.94 | 24.39 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #0 | QPSK | 23.33 | 0.94 | 24.27 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #Mid | QPSK | 23.40 | 0.94 | 24.34 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #Max | QPSK | 23.38 | 0.94 | 24.32 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | QPSK | 22.88 | 0.94 | 23.82 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #0 | 16QAM | 23.94 | 0.94 | 24.88 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #Mid | 16QAM | 23.93 | 0.94 | 24.87 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #Max | 16QAM | 23.95 | 0.94 | 24.89 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #0 | 16QAM | 22.63 | 0.94 | 23.57 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #Mid | 16QAM | 22.66 | 0.94 | 23.60 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 3 | #Max | 16QAM | 22.63 | 0.94 | 23.57 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | 16QAM | 21.52 | 0.94 | 22.46 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #0 | QPSK | 22.89 | 0.94 | 23.83 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #Mid | QPSK | 22.87 | 0.94 | 23.81 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #Max | QPSK | 22.88 | 0.94 | 23.82 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #0 | QPSK | 22.96 | 0.94 | 23.90 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #Mid | QPSK | 23.04 | 0.94 | 23.98 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #Max | QPSK | 23.00 | 0.94 | 23.94 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | QPSK | 22.47 | 0.94 | 23.41 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #0 | 16QAM | 23.17 | 0.94 | 24.11 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #Mid | 16QAM | 23.20 | 0.94 | 24.14 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #Max | 16QAM | 23.18 | 0.94 | 24.12 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #0 | 16QAM | 22.14 | 0.94 | 23.08 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #Mid | 16QAM | 22.12 | 0.94 | 23.06 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 3 | #Max | 16QAM | 22.14 | 0.94 | 23.08 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | 16QAM | 20.91 | 0.94 | 21.85 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #0 | QPSK | 23.27 | 0.94 | 24.21 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #Mid | QPSK | 23.32 | 0.94 | 24.26 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #Max | QPSK | 23.23 | 0.94 | 24.17 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #0 | QPSK | 22.91 | 0.94 | 23.85 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #Mid | QPSK | 22.96 | 0.94 | 23.90 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #Max | QPSK | 22.89 | 0.94 | 23.83 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | QPSK | 22.56 | 0.94 | 23.50 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #0 | 16QAM | 23.06 | 0.94 | 24.00 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 20393 | 1 | #Mid | 16QAM | 22.99 | 0.94 | 23.93 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #Max | 16QAM | 23.00 | 0.94 | 23.94 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #0 | 16QAM | 22.45 | 0.94 | 23.39 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #Mid | 16QAM | 22.39 | 0.94 | 23.33 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 3 | #Max | 16QAM | 22.33 | 0.94 | 23.27 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | 16QAM | 21.13 | 0.94 | 22.07 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #0 | QPSK | 23.28 | 0.94 | 24.22 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #Mid | QPSK | 23.26 | 0.94 | 24.20 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #Max | QPSK | 23.17 | 0.94 | 24.11 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #0 | QPSK | 22.89 | 0.94 | 23.83 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #Mid | QPSK | 22.84 | 0.94 | 23.78 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #Max | QPSK | 22.86 | 0.94 | 23.80 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | QPSK | 22.80 | 0.94 | 23.74 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #0 | 16QAM | 24.04 | 0.94 | 24.98 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #Mid | 16QAM | 24.02 | 0.94 | 24.96 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #Max | 16QAM | 23.94 | 0.94 | 24.88 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #0 | 16QAM | 21.37 | 0.94 | 22.31 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #Mid | 16QAM | 21.36 | 0.94 | 22.30 | PASS |
| NVNT | Band4 | 3 | 19965 | 8 | #Max | 16QAM | 21.26 | 0.94 | 22.20 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | 16QAM | 21.58 | 0.94 | 22.52 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #0 | QPSK | 22.89 | 0.94 | 23.83 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #Mid | QPSK | 22.87 | 0.94 | 23.81 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #Max | QPSK | 22.90 | 0.94 | 23.84 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #0 | QPSK | 22.53 | 0.94 | 23.47 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #Mid | QPSK | 22.52 | 0.94 | 23.46 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #Max | QPSK | 22.54 | 0.94 | 23.48 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | QPSK | 22.50 | 0.94 | 23.44 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #0 | 16QAM | 23.16 | 0.94 | 24.10 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #Mid | 16QAM | 23.20 | 0.94 | 24.14 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #Max | 16QAM | 23.18 | 0.94 | 24.12 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #0 | 16QAM | 21.35 | 0.94 | 22.29 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #Mid | 16QAM | 21.28 | 0.94 | 22.22 | PASS |
| NVNT | Band4 | 3 | 20175 | 8 | #Max | 16QAM | 21.31 | 0.94 | 22.25 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | 16QAM | 21.04 | 0.94 | 21.98 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #0 | QPSK | 23.29 | 0.94 | 24.23 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #Mid | QPSK | 23.36 | 0.94 | 24.30 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #Max | QPSK | 23.24 | 0.94 | 24.18 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #0 | QPSK | 22.45 | 0.94 | 23.39 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #Mid | QPSK | 22.48 | 0.94 | 23.42 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #Max | QPSK | 22.42 | 0.94 | 23.36 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | QPSK | 22.61 | 0.94 | 23.55 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #0 | 16QAM | 23.09 | 0.94 | 24.03 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #Mid | 16QAM | 23.13 | 0.94 | 24.07 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 3 | 20385 | 1 | #Max | 16QAM | 23.05 | 0.94 | 23.99 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #0 | 16QAM | 21.11 | 0.94 | 22.05 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #Mid | 16QAM | 21.27 | 0.94 | 22.21 | PASS |
| NVNT | Band4 | 3 | 20385 | 8 | #Max | 16QAM | 21.13 | 0.94 | 22.07 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | 16QAM | 21.14 | 0.94 | 22.08 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #0 | QPSK | 23.34 | 0.94 | 24.28 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #Mid | QPSK | 23.14 | 0.94 | 24.08 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #Max | QPSK | 23.18 | 0.94 | 24.12 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #0 | QPSK | 22.93 | 0.94 | 23.87 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #Mid | QPSK | 22.83 | 0.94 | 23.77 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #Max | QPSK | 22.75 | 0.94 | 23.69 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | QPSK | 22.70 | 0.94 | 23.64 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #0 | 16QAM | 23.15 | 0.94 | 24.09 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #Mid | 16QAM | 23.04 | 0.94 | 23.98 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #Max | 16QAM | 22.97 | 0.94 | 23.91 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #0 | 16QAM | 21.39 | 0.94 | 22.33 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #Mid | 16QAM | 21.28 | 0.94 | 22.22 | PASS |
| NVNT | Band4 | 5 | 19975 | 12 | #Max | 16QAM | 21.32 | 0.94 | 22.26 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | 16QAM | 21.45 | 0.94 | 22.39 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #0 | QPSK | 23.03 | 0.94 | 23.97 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #Mid | QPSK | 23.04 | 0.94 | 23.98 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #Max | QPSK | 23.10 | 0.94 | 24.04 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #0 | QPSK | 22.43 | 0.94 | 23.37 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #Mid | QPSK | 22.50 | 0.94 | 23.44 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #Max | QPSK | 22.47 | 0.94 | 23.41 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | QPSK | 22.55 | 0.94 | 23.49 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #0 | 16QAM | 22.21 | 0.94 | 23.15 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #Mid | 16QAM | 22.27 | 0.94 | 23.21 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #Max | 16QAM | 22.31 | 0.94 | 23.25 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #0 | 16QAM | 20.96 | 0.94 | 21.90 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #Mid | 16QAM | 20.90 | 0.94 | 21.84 | PASS |
| NVNT | Band4 | 5 | 20175 | 12 | #Max | 16QAM | 20.98 | 0.94 | 21.92 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | 16QAM | 21.13 | 0.94 | 22.07 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #0 | QPSK | 23.12 | 0.94 | 24.06 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #Mid | QPSK | 22.95 | 0.94 | 23.89 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #Max | QPSK | 22.93 | 0.94 | 23.87 | PASS |
| NVNT | Band4 | 5 | 20375 | 12 | #0 | QPSK | 22.64 | 0.94 | 23.58 | PASS |
| NVNT | Band4 | 5 | 20375 | 12 | #Mid | QPSK | 22.62 | 0.94 | 23.56 | PASS |
| NVNT | Band4 | 5 | 20375 | 12 | #Max | QPSK | 22.52 | 0.94 | 23.46 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | QPSK | 22.60 | 0.94 | 23.54 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #0 | 16QAM | 22.74 | 0.94 | 23.68 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #Mid | 16QAM | 22.67 | 0.94 | 23.61 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #Max | 16QAM | 22.61 | 0.94 | 23.55 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 5 | 20375 | 12 | #0 | 16QAM | 21.21 | 0.94 | 22.15 | PASS |
| NVNT | Band4 | 5 | 20375 | 12 | #Mid | 16QAM | 21.21 | 0.94 | 22.15 | PASS |
| NVNT | Band4 | 5 | 20375 | 12 | #Max | 16QAM | 21.17 | 0.94 | 22.11 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | 16QAM | 21.16 | 0.94 | 22.10 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #0 | QPSK | 23.33 | 0.94 | 24.27 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #Mid | QPSK | 23.24 | 0.94 | 24.18 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #Max | QPSK | 23.03 | 0.94 | 23.97 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #0 | QPSK | 22.85 | 0.94 | 23.79 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #Mid | QPSK | 22.69 | 0.94 | 23.63 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #Max | QPSK | 22.64 | 0.94 | 23.58 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | QPSK | 22.85 | 0.94 | 23.79 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #0 | 16QAM | 24.15 | 0.94 | 25.09 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #Mid | 16QAM | 23.95 | 0.94 | 24.89 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #Max | 16QAM | 23.76 | 0.94 | 24.70 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #0 | 16QAM | 21.34 | 0.94 | 22.28 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #Mid | 16QAM | 21.22 | 0.94 | 22.16 | PASS |
| NVNT | Band4 | 10 | 20000 | 25 | #Max | 16QAM | 21.19 | 0.94 | 22.13 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | 16QAM | 21.29 | 0.94 | 22.23 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #0 | QPSK | 23.10 | 0.94 | 24.04 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #Mid | QPSK | 23.06 | 0.94 | 24.00 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #Max | QPSK | 23.14 | 0.94 | 24.08 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #0 | QPSK | 22.46 | 0.94 | 23.40 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #Mid | QPSK | 22.57 | 0.94 | 23.51 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #Max | QPSK | 22.52 | 0.94 | 23.46 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | QPSK | 22.54 | 0.94 | 23.48 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #0 | 16QAM | 22.55 | 0.94 | 23.49 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #Mid | 16QAM | 22.61 | 0.94 | 23.55 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #Max | 16QAM | 22.73 | 0.94 | 23.67 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #0 | 16QAM | 21.14 | 0.94 | 22.08 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #Mid | 16QAM | 21.08 | 0.94 | 22.02 | PASS |
| NVNT | Band4 | 10 | 20175 | 25 | #Max | 16QAM | 21.20 | 0.94 | 22.14 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | 16QAM | 21.19 | 0.94 | 22.13 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #0 | QPSK | 23.27 | 0.94 | 24.21 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #Mid | QPSK | 23.25 | 0.94 | 24.19 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #Max | QPSK | 23.10 | 0.94 | 24.04 | PASS |
| NVNT | Band4 | 10 | 20350 | 25 | #0 | QPSK | 22.67 | 0.94 | 23.61 | PASS |
| NVNT | Band4 | 10 | 20350 | 25 | #Mid | QPSK | 22.72 | 0.94 | 23.66 | PASS |
| NVNT | Band4 | 10 | 20350 | 25 | #Max | QPSK | 22.69 | 0.94 | 23.63 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | QPSK | 22.62 | 0.94 | 23.56 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #0 | 16QAM | 22.96 | 0.94 | 23.90 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #Mid | 16QAM | 22.89 | 0.94 | 23.83 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #Max | 16QAM | 22.73 | 0.94 | 23.67 | PASS |
| NVNT | Band4 | 10 | 20350 | 25 | #0 | 16QAM | 21.40 | 0.94 | 22.34 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 10 | 20350 | 25 | #Mid | 16QAM | 21.26 | 0.94 | 22.20 | PASS |
| NVNT | Band4 | 10 | 20350 | 25 | #Max | 16QAM | 21.19 | 0.94 | 22.13 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | 16QAM | 21.22 | 0.94 | 22.16 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #0 | QPSK | 23.30 | 0.94 | 24.24 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #Mid | QPSK | 23.06 | 0.94 | 24.00 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #Max | QPSK | 22.94 | 0.94 | 23.88 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #0 | QPSK | 22.79 | 0.94 | 23.73 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #Mid | QPSK | 22.61 | 0.94 | 23.55 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #Max | QPSK | 22.51 | 0.94 | 23.45 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | QPSK | 22.72 | 0.94 | 23.66 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #0 | 16QAM | 24.12 | 0.94 | 25.06 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #Mid | 16QAM | 23.82 | 0.94 | 24.76 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #Max | 16QAM | 23.74 | 0.94 | 24.68 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #0 | 16QAM | 21.31 | 0.94 | 22.25 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #Mid | 16QAM | 21.22 | 0.94 | 22.16 | PASS |
| NVNT | Band4 | 15 | 20025 | 36 | #Max | 16QAM | 21.09 | 0.94 | 22.03 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | 16QAM | 21.29 | 0.94 | 22.23 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #0 | QPSK | 23.14 | 0.94 | 24.08 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #Mid | QPSK | 23.01 | 0.94 | 23.95 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #Max | QPSK | 23.22 | 0.94 | 24.16 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #0 | QPSK | 22.42 | 0.94 | 23.36 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #Mid | QPSK | 22.57 | 0.94 | 23.51 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #Max | QPSK | 22.64 | 0.94 | 23.58 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | QPSK | 22.50 | 0.94 | 23.44 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #0 | 16QAM | 22.64 | 0.94 | 23.58 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #Mid | 16QAM | 22.65 | 0.94 | 23.59 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #Max | 16QAM | 22.77 | 0.94 | 23.71 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #0 | 16QAM | 21.26 | 0.94 | 22.20 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #Mid | 16QAM | 21.13 | 0.94 | 22.07 | PASS |
| NVNT | Band4 | 15 | 20175 | 36 | #Max | 16QAM | 21.28 | 0.94 | 22.22 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | 16QAM | 21.12 | 0.94 | 22.06 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #0 | QPSK | 23.28 | 0.94 | 24.22 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #Mid | QPSK | 23.36 | 0.94 | 24.30 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #Max | QPSK | 23.11 | 0.94 | 24.05 | PASS |
| NVNT | Band4 | 15 | 20325 | 36 | #0 | QPSK | 22.61 | 0.94 | 23.55 | PASS |
| NVNT | Band4 | 15 | 20325 | 36 | #Mid | QPSK | 22.80 | 0.94 | 23.74 | PASS |
| NVNT | Band4 | 15 | 20325 | 36 | #Max | QPSK | 22.68 | 0.94 | 23.62 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | QPSK | 22.75 | 0.94 | 23.69 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #0 | 16QAM | 23.58 | 0.94 | 24.52 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #Mid | 16QAM | 23.63 | 0.94 | 24.57 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #Max | 16QAM | 23.39 | 0.94 | 24.33 | PASS |
| NVNT | Band4 | 15 | 20325 | 36 | #0 | 16QAM | 21.32 | 0.94 | 22.26 | PASS |
| NVNT | Band4 | 15 | 20325 | 36 | #Mid | 16QAM | 21.38 | 0.94 | 22.32 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 15 | 20325 | 36 | #Max | 16QAM | 21.20 | 0.94 | 22.14 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | 16QAM | 21.32 | 0.94 | 22.26 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #0 | QPSK | 23.36 | 0.94 | 24.30 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #Mid | QPSK | 23.09 | 0.94 | 24.03 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #Max | QPSK | 23.00 | 0.94 | 23.94 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #0 | QPSK | 22.65 | 0.94 | 23.59 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #Mid | QPSK | 22.52 | 0.94 | 23.46 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #Max | QPSK | 22.54 | 0.94 | 23.48 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | QPSK | 22.50 | 0.94 | 23.44 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #0 | 16QAM | 22.62 | 0.94 | 23.56 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #Mid | 16QAM | 22.35 | 0.94 | 23.29 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #Max | 16QAM | 22.29 | 0.94 | 23.23 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #0 | 16QAM | 21.38 | 0.94 | 22.32 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #Mid | 16QAM | 21.27 | 0.94 | 22.21 | PASS |
| NVNT | Band4 | 20 | 20050 | 50 | #Max | 16QAM | 21.14 | 0.94 | 22.08 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | 16QAM | 21.17 | 0.94 | 22.11 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #0 | QPSK | 22.99 | 0.94 | 23.93 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #Mid | QPSK | 23.05 | 0.94 | 23.99 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #Max | QPSK | 23.16 | 0.94 | 24.10 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #0 | QPSK | 22.46 | 0.94 | 23.40 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #Mid | QPSK | 22.56 | 0.94 | 23.50 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #Max | QPSK | 22.61 | 0.94 | 23.55 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | QPSK | 22.52 | 0.94 | 23.46 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #0 | 16QAM | 22.69 | 0.94 | 23.63 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #Mid | 16QAM | 22.76 | 0.94 | 23.70 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #Max | 16QAM | 22.91 | 0.94 | 23.85 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #0 | 16QAM | 21.13 | 0.94 | 22.07 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #Mid | 16QAM | 21.09 | 0.94 | 22.03 | PASS |
| NVNT | Band4 | 20 | 20175 | 50 | #Max | 16QAM | 21.20 | 0.94 | 22.14 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | 16QAM | 21.12 | 0.94 | 22.06 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #0 | QPSK | 23.14 | 0.94 | 24.08 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #Mid | QPSK | 23.30 | 0.94 | 24.24 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #Max | QPSK | 23.13 | 0.94 | 24.07 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #0 | QPSK | 22.64 | 0.94 | 23.58 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #Mid | QPSK | 22.75 | 0.94 | 23.69 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #Max | QPSK | 22.74 | 0.94 | 23.68 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | QPSK | 22.56 | 0.94 | 23.50 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #0 | 16QAM | 22.69 | 0.94 | 23.63 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #Mid | 16QAM | 22.75 | 0.94 | 23.69 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #Max | 16QAM | 22.66 | 0.94 | 23.60 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #0 | 16QAM | 21.20 | 0.94 | 22.14 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #Mid | 16QAM | 21.27 | 0.94 | 22.21 | PASS |
| NVNT | Band4 | 20 | 20300 | 50 | #Max | 16QAM | 21.19 | 0.94 | 22.13 | PASS |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 20 | 20300 | 100 | #0 | 16QAM | 21.21 | 0.94 | 22.15 | PASS |

# Appendix 2.Frequency stability

| Condition | Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | LV | NT | 21.54 | 0.013 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | NT | 36.32 | 0.021 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | HV | NT | -7.05 | -0.004 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | LV | NT | -3.39 | -0.002 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | NT | -9.43 | -0.006 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | HV | NT | 1.14 | 0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | LV | NT | -13.10 | -0.008 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | NT | -22.09 | -0.013 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | HV | NT | -30.33 | -0.018 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | LV | NT | -43.83 | -0.025 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | NT | -1.24 | -0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | HV | NT | -6.82 | -0.004 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | LV | NT | 0.31 | 0.000 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | NT | -4.88 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | HV | NT | -9.61 | -0.005 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | LV | NT | -16.34 | -0.009 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | NT | -22.22 | -0.013 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | HV | NT | -27.27 | -0.016 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | LV | NT | -14.46 | -0.008 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | NT | -9.33 | -0.005 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | HV | NT | -10.14 | -0.006 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | LV | NT | -22.16 | -0.013 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | NT | -36.11 | -0.021 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | HV | NT | -11.42 | -0.007 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | LV | NT | -28.95 | -0.017 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | NT | -13.55 | -0.008 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | HV | NT | -22.17 | -0.013 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | LV | NT | -31.47 | -0.018 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | NT | -39.73 | -0.023 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | HV | NT | -44.07 | -0.025 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | LV | NT | -11.96 | -0.007 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | NT | -10.34 | -0.006 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | HV | NT | -11.69 | -0.007 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | LV | NT | -16.21 | -0.009 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | NT | -18.42 | -0.011 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | HV | NT | -26.84 | -0.015 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | LV | NT | 22.59 | 0.013 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | NT | 8.74 | 0.005 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | HV | NT | 29.11 | 0.017 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | LV | NT | 29.24 | 0.017 | PASS |
| NVNT | Band | 5 | 19975 | 25 | #0 | 16QAM | NV | NT | 18.53 | 0.011 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | HV | NT | -16.89 | -0.010 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | LV | NT | -3.59 | -0.002 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | NT | -25.73 | -0.015 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | HV | NT | -35.68 | -0.021 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | LV | NT | -12.69 | -0.007 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | NT | -22.19 | -0.013 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | HV | NT | -24.79 | -0.014 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | LV | NT | -13.80 | -0.008 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | NT | -18.74 | -0.011 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | HV | NT | -29.40 | -0.017 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | LV | NT | -29.40 | -0.017 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | NT | 1.76 | 0.001 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | HV | NT | -2.60 | -0.001 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | LV | NT | 15.41 | 0.009 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | NT | 25.84 | 0.015 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | HV | NT | 4.86 | 0.003 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | LV | NT | 7.48 | 0.004 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | NT | -5.76 | -0.003 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | HV | NT | -10.00 | -0.006 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | LV | NT | -17.80 | -0.010 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | NT | -31.61 | -0.018 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | HV | NT | -13.25 | -0.008 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | LV | NT | -32.33 | -0.019 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | NT | -35.26 | -0.020 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | HV | NT | -30.77 | -0.018 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | LV | NT | -3.76 | -0.002 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | NT | -10.31 | -0.006 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | HV | NT | -20.54 | -0.012 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | LV | NT | -32.53 | -0.019 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | NT | -6.08 | -0.003 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | HV | NT | -11.04 | -0.006 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | LV | NT | 21.03 | 0.012 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | NT | 34.02 | 0.020 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | HV | NT | 19.43 | 0.011 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | LV | NT | -19.01 | -0.011 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | NT | -28.72 | -0.017 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | HV | NT | -18.45 | -0.011 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | LV | NT | -36.35 | -0.021 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | NT | -17.21 | -0.010 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | HV | NT | 3.16 | 0.002 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | LV | NT | -14.83 | -0.009 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | NT | -14.13 | -0.008 | PASS |
| NVNT | Band | 15 | 20175 | 75 | #0 | 16QAM | HV | NT | -1.52 | -0.001 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | LV | NT | -13.70 | -0.008 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | NT | -10.56 | -0.006 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | HV | NT | -16.06 | -0.009 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | LV | NT | -27.28 | -0.016 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | NT | -36.88 | -0.021 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | HV | NT | -10.69 | -0.006 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | LV | NT | 11.29 | 0.007 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | NT | 28.74 | 0.017 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | HV | NT | -11.10 | -0.006 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | LV | NT | -28.92 | -0.017 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | NT | -28.22 | -0.016 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | HV | NT | -25.48 | -0.015 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | LV | NT | 7.51 | 0.004 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | NT | -4.73 | -0.003 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | HV | NT | -16.92 | -0.010 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | LV | NT | -13.93 | -0.008 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | NT | -22.16 | -0.013 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | HV | NT | -12.90 | -0.007 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | LV | NT | 8.81 | 0.005 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | NT | -8.07 | -0.005 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | HV | NT | -9.63 | -0.006 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | LV | NT | -0.31 | 0.000 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | NT | -13.19 | -0.008 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | HV | NT | -25.76 | -0.015 | PASS |

| ***Condition*** | ***Band*** | ***Bandwidth (MHz)*** | ***UL Channel*** | ***RB Size*** | ***RB Position*** | ***Modulation*** | ***Voltage (Vdc)*** | ***Temperature (C)*** | ***Result (Hz)*** | ***Result (ppm)*** | ***Verdict*** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | -30 | 3.09 | 0.002 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | -20 | 27.44 | 0.016 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 0 | 11.53 | 0.007 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 10 | 27.44 | 0.016 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 20 | 20.57 | 0.012 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 30 | 21.30 | 0.012 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 40 | 17.19 | 0.010 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | QPSK | NV | 50 | -4.46 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | -30 | -13.93 | -0.008 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | -20 | -24.40 | -0.014 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 0 | -14.42 | -0.008 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 10 | -19.71 | -0.012 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 20 | -1.86 | -0.001 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 30 | 1.22 | 0.001 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 40 | -4.79 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 19957 | 6 | #0 | 16QAM | NV | 50 | -11.19 | -0.007 | PASS |
| NVNT | Band | 1.4 | 20175 | 6 | #0 | QPSK | NV | -30 | -17.44 | -0.010 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | -20 | -12.02 | -0.007 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 0 | -13.80 | -0.008 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 10 | -5.31 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 20 | -5.02 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 30 | 8.35 | 0.005 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 40 | 7.72 | 0.004 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | QPSK | NV | 50 | 5.89 | 0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | -30 | 6.78 | 0.004 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | -20 | 10.60 | 0.006 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 0 | 14.49 | 0.008 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 10 | 18.60 | 0.011 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 20 | 10.01 | 0.006 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 30 | 1.19 | 0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 40 | -0.87 | -0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 50 | 10.29 | 0.006 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | -30 | -1.44 | -0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | -20 | 4.89 | 0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 0 | 6.91 | 0.004 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 10 | 3.65 | 0.002 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 20 | 1.02 | 0.001 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 30 | -4.58 | -0.003 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 40 | -11.59 | -0.007 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | QPSK | NV | 50 | -6.18 | -0.004 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | -30 | -18.47 | -0.011 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | -20 | -19.98 | -0.011 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 0 | -25.72 | -0.015 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 10 | -29.08 | -0.017 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 20 | -4.41 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 30 | -5.88 | -0.003 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 40 | -12.10 | -0.007 | PASS |
| NVNT | Band 4 | 1.4 | 20393 | 6 | #0 | 16QAM | NV | 50 | -8.07 | -0.005 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | -30 | 5.52 | 0.003 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | -20 | 20.10 | 0.012 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 0 | 26.02 | 0.015 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 10 | 27.05 | 0.016 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 20 | 1.57 | 0.001 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 30 | -4.53 | -0.003 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 40 | -0.54 | 0.000 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | QPSK | NV | 50 | -12.73 | -0.007 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | -30 | -26.56 | -0.016 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | -20 | -34.36 | -0.020 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 0 | -9.04 | -0.005 | PASS |
| NVNT | Band | 3 | 19965 | 15 | #0 | 16QAM | NV | 10 | -13.22 | -0.008 | PASS |

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| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 20 | -5.11 | -0.003 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 30 | -6.48 | -0.004 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 40 | -5.31 | -0.003 | PASS |
| NVNT | Band 4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 50 | -4.65 | -0.003 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | -30 | -3.96 | -0.002 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | -20 | -7.38 | -0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 0 | -5.79 | -0.003 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 10 | 2.99 | 0.002 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 20 | 7.40 | 0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 30 | 8.50 | 0.005 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 40 | 7.01 | 0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | QPSK | NV | 50 | 6.74 | 0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | -30 | 3.30 | 0.002 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | -20 | 0.69 | 0.000 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 0 | -8.61 | -0.005 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 10 | -7.44 | -0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 20 | -6.08 | -0.004 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 30 | -2.45 | -0.001 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 40 | 4.63 | 0.003 | PASS |
| NVNT | Band 4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 50 | 10.73 | 0.006 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | -30 | 6.12 | 0.003 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | -20 | 10.51 | 0.006 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 0 | 11.52 | 0.007 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 10 | 9.41 | 0.005 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 20 | 7.50 | 0.004 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 30 | 2.29 | 0.001 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 40 | -6.42 | -0.004 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | QPSK | NV | 50 | -16.49 | -0.009 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | -30 | -24.10 | -0.014 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | -20 | -25.35 | -0.014 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 0 | -31.80 | -0.018 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 10 | -34.10 | -0.019 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 20 | -35.93 | -0.020 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 30 | -34.99 | -0.020 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 40 | -33.73 | -0.019 | PASS |
| NVNT | Band 4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 50 | 5.04 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | -30 | 28.50 | 0.017 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | -20 | 10.11 | 0.006 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | 0 | 26.54 | 0.015 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | 10 | 23.78 | 0.014 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | 20 | 18.67 | 0.011 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | 30 | 10.07 | 0.006 | PASS |
| NVNT | Band | 5 | 19975 | 25 | #0 | QPSK | NV | 40 | -4.85 | -0.003 | PASS |

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| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | QPSK | NV | 50 | -18.68 | -0.011 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | -30 | 5.01 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | -20 | -9.81 | -0.006 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 0 | -12.23 | -0.007 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 10 | -17.04 | -0.010 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 20 | -24.35 | -0.014 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 30 | -31.59 | -0.018 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 40 | -38.81 | -0.023 | PASS |
| NVNT | Band 4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 50 | -6.14 | -0.004 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | -30 | 2.03 | 0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | -20 | 1.02 | 0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 0 | -2.03 | -0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 10 | 1.30 | 0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 20 | -2.02 | -0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 30 | -3.22 | -0.002 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 40 | 2.75 | 0.002 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | QPSK | NV | 50 | 5.14 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | -30 | 6.62 | 0.004 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | -20 | 3.91 | 0.002 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 0 | 4.55 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 10 | 7.31 | 0.004 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 20 | -2.53 | -0.001 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 30 | -0.47 | 0.000 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 40 | 5.01 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 50 | 13.46 | 0.008 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | -30 | -4.31 | -0.002 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | -20 | 1.09 | 0.001 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 0 | 0.34 | 0.000 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 10 | -13.76 | -0.008 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 20 | -17.61 | -0.010 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 30 | 6.21 | 0.004 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 40 | -4.62 | -0.003 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | QPSK | NV | 50 | -16.55 | -0.009 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | -30 | -21.21 | -0.012 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | -20 | -14.03 | -0.008 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 0 | -11.63 | -0.007 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 10 | -3.81 | -0.002 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 20 | 4.62 | 0.003 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 30 | 12.26 | 0.007 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 40 | 13.40 | 0.008 | PASS |
| NVNT | Band 4 | 5 | 20375 | 25 | #0 | 16QAM | NV | 50 | 16.38 | 0.009 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | -30 | 18.53 | 0.011 | PASS |
| NVNT | Band | 10 | 20000 | 50 | #0 | QPSK | NV | -20 | 27.02 | 0.016 | PASS |

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| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 0 | 1.54 | 0.001 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 10 | -0.30 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 20 | -11.43 | -0.007 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 30 | -30.28 | -0.018 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 40 | -0.41 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | QPSK | NV | 50 | -22.40 | -0.013 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | -30 | -12.76 | -0.007 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | -20 | -15.66 | -0.009 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 0 | -20.40 | -0.012 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 10 | -26.87 | -0.016 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 20 | -19.28 | -0.011 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 30 | -11.97 | -0.007 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 40 | -13.07 | -0.008 | PASS |
| NVNT | Band 4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 50 | -15.46 | -0.009 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | -30 | 1.26 | 0.001 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | -20 | 0.59 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 0 | 2.00 | 0.001 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 10 | 1.46 | 0.001 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 20 | 0.26 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 30 | -0.43 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 40 | 3.63 | 0.002 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | QPSK | NV | 50 | -2.09 | -0.001 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | -30 | -5.52 | -0.003 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | -20 | -2.17 | -0.001 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 0 | 3.53 | 0.002 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 10 | -0.19 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 20 | 10.99 | 0.006 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 30 | 19.90 | 0.011 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 40 | 26.98 | 0.016 | PASS |
| NVNT | Band 4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 50 | 17.97 | 0.010 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | -30 | 6.90 | 0.004 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | -20 | 10.27 | 0.006 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 0 | 7.65 | 0.004 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 10 | 2.60 | 0.001 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 20 | -5.14 | -0.003 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 30 | -11.60 | -0.007 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 40 | -15.88 | -0.009 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | QPSK | NV | 50 | -32.66 | -0.019 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | -30 | -34.90 | -0.020 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | -20 | 0.66 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 0 | 0.43 | 0.000 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 10 | 4.72 | 0.003 | PASS |
| NVNT | Band | 10 | 20350 | 50 | #0 | 16QAM | NV | 20 | 5.12 | 0.003 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 30 | 14.83 | 0.008 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 40 | 23.40 | 0.013 | PASS |
| NVNT | Band 4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 50 | 11.13 | 0.006 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | -30 | 9.90 | 0.006 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | -20 | 23.46 | 0.014 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 0 | 30.84 | 0.018 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 10 | 12.22 | 0.007 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 20 | -16.16 | -0.009 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 30 | -13.93 | -0.008 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 40 | -30.94 | -0.018 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | QPSK | NV | 50 | -17.81 | -0.010 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | -30 | -8.51 | -0.005 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | -20 | -16.18 | -0.009 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 0 | -24.45 | -0.014 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 10 | -10.70 | -0.006 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 20 | -1.29 | -0.001 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 30 | 0.80 | 0.000 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 40 | 5.94 | 0.003 | PASS |
| NVNT | Band 4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 50 | 9.76 | 0.006 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | -30 | 10.71 | 0.006 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | -20 | 19.24 | 0.011 | PASS |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 0 | 12.26 | 0.007 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 10 | 0.31 | 0.000 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 20 | -5.21 | -0.003 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 30 | -3.22 | -0.002 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 40 | 1.53 | 0.001 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | QPSK | NV | 50 | -2.69 | -0.002 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | -30 | -5.92 | -0.003 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | -20 | -7.31 | -0.004 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 0 | 3.82 | 0.002 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 10 | 10.01 | 0.006 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 20 | 17.98 | 0.010 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 30 | 30.33 | 0.018 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 40 | 32.34 | 0.019 | PASS |
| NVNT | Band 4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 50 | 24.33 | 0.014 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | -30 | 2.36 | 0.001 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | -20 | -2.73 | -0.002 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | 0 | 5.06 | 0.003 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | 10 | -4.48 | -0.003 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | 20 | -18.22 | -0.010 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | 30 | -39.97 | -0.023 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | QPSK | NV | 40 | -35.82 | -0.020 | PASS |
| NVNT | Band | 15 | 20325 | 75 | #0 | QPSK | NV | 50 | -37.44 | -0.021 | PASS |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | -30 | -11.39 | -0.007 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | -20 | -7.91 | -0.005 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 0 | -0.06 | 0.000 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 10 | 9.28 | 0.005 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 20 | 3.16 | 0.002 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 30 | -0.26 | 0.000 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 40 | -4.53 | -0.003 | PASS |
| NVNT | Band 4 | 15 | 20325 | 75 | #0 | 16QAM | NV | 50 | -1.23 | -0.001 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | -30 | 24.38 | 0.014 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | -20 | 18.81 | 0.011 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 0 | -8.28 | -0.005 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 10 | -21.24 | -0.012 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 20 | -33.97 | -0.020 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 30 | -32.09 | -0.019 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 40 | -10.51 | -0.006 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | QPSK | NV | 50 | -20.74 | -0.012 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | -30 | -7.85 | -0.005 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | -20 | -2.86 | -0.002 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 0 | 13.75 | 0.008 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 10 | 15.76 | 0.009 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 20 | 8.30 | 0.005 | PASS |

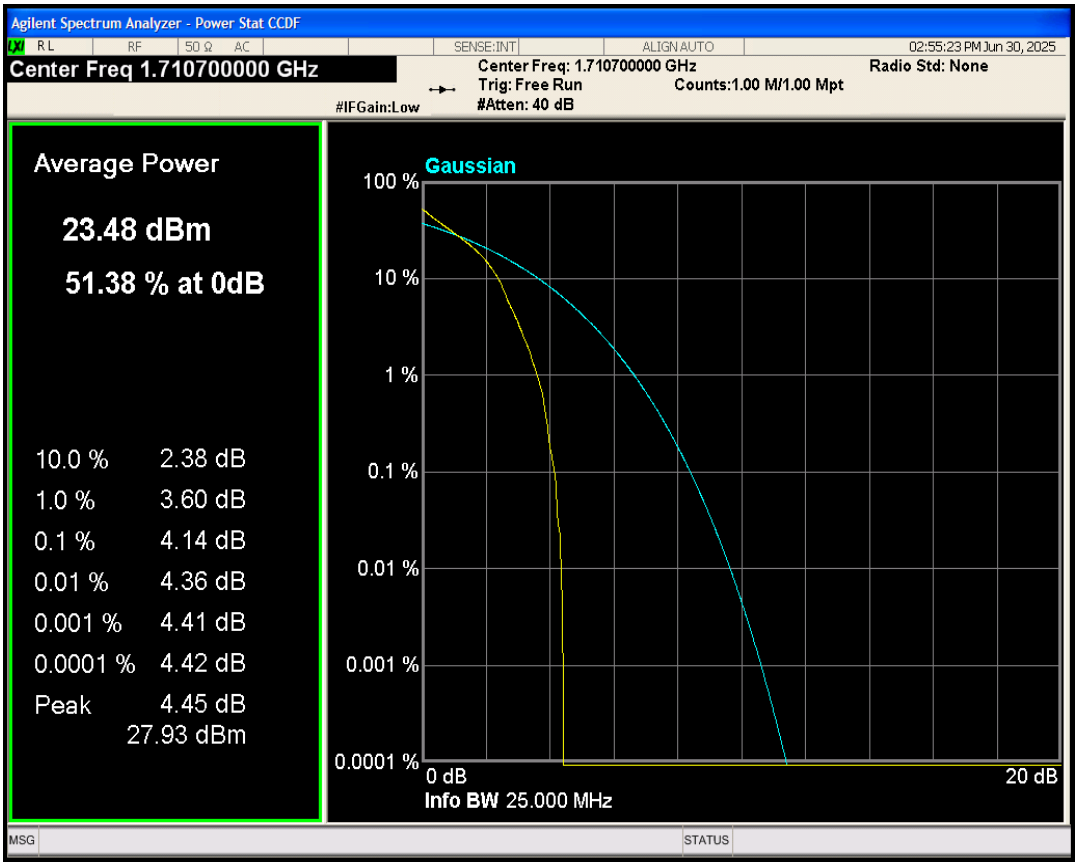
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 30 | 13.23 | 0.008 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 40 | 15.02 | 0.009 | PASS |
| NVNT | Band 4 | 20 | 20050 | 100 | #0 | 16QAM | NV | 50 | 14.62 | 0.009 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | -30 | -9.63 | -0.006 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | -20 | -20.10 | -0.012 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 0 | 5.48 | 0.003 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 10 | -5.98 | -0.003 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 20 | -15.98 | -0.009 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 30 | -12.72 | -0.007 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 40 | -23.57 | -0.014 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | QPSK | NV | 50 | -16.05 | -0.009 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | -30 | -6.64 | -0.004 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | -20 | -1.63 | -0.001 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 0 | 5.81 | 0.003 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 10 | 14.89 | 0.009 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 20 | 20.66 | 0.012 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 30 | 12.73 | 0.007 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 40 | 13.19 | 0.008 | PASS |
| NVNT | Band 4 | 20 | 20175 | 100 | #0 | 16QAM | NV | 50 | 27.37 | 0.016 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | -30 | 6.08 | 0.003 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | -20 | -3.40 | -0.002 | PASS |
| NVNT | Band | 20 | 20300 | 100 | #0 | QPSK | NV | 0 | -8.13 | -0.005 | PASS |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4 | | | | | | | | | | |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | 10 | -6.71 | -0.004 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | 20 | -5.35 | -0.003 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | 30 | -17.31 | -0.010 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | 40 | -31.54 | -0.018 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | QPSK | NV | 50 | -25.85 | -0.015 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | -30 | 3.72 | 0.002 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | -20 | -3.79 | -0.002 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 0 | 1.73 | 0.001 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 10 | 11.63 | 0.007 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 20 | 22.30 | 0.013 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 30 | 20.63 | 0.012 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 40 | 7.52 | 0.004 | PASS |
| NVNT | Band 4 | 20 | 20300 | 100 | #0 | 16QAM | NV | 50 | 11.26 | 0.006 | PASS |

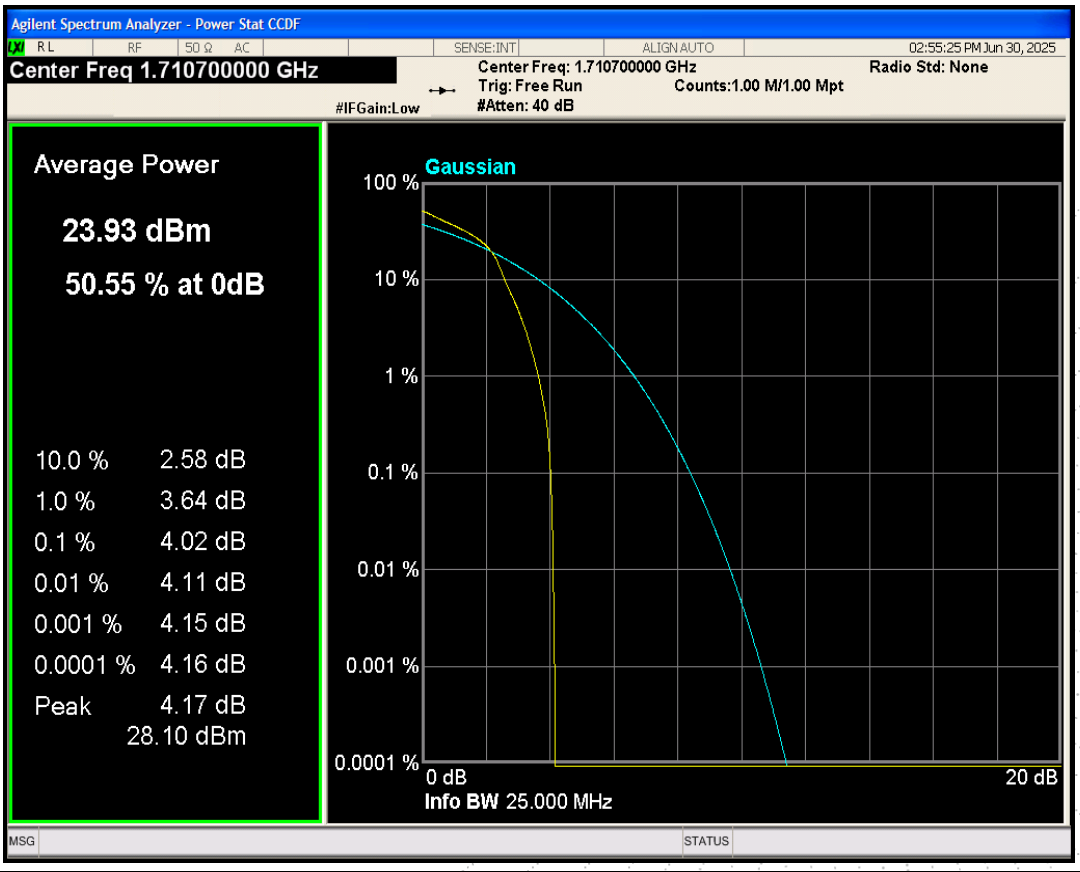
## *Appendix 3.Peak-to-Average Ratio*

| *Condition* | *Band* | *Bandwidth (MHz)* | *UL Channel* | *RB Size* | *RB Position* | *Modulation* | *Result (dB)* | *high Limit (dB)* | *Verdict* |
|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 19957 | 1 | #0 | QPSK | 4.14 | 13 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 1 | #0 | 16QAM | 4.02 | 13 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #0 | QPSK | 3.58 | 13 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 1 | #0 | 16QAM | 3.76 | 13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #0 | QPSK | 4.21 | 13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 1 | #0 | 16QAM | 4.82 | 13 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #0 | QPSK | 4.03 | 13 | PASS |
| NVNT | Band4 | 3 | 19965 | 1 | #0 | 16QAM | 4.63 | 13 | PASS |
| NVNT | Band4 | 3 | 20175 | 1 | #0 | QPSK | 3.67 | 13 | PASS |

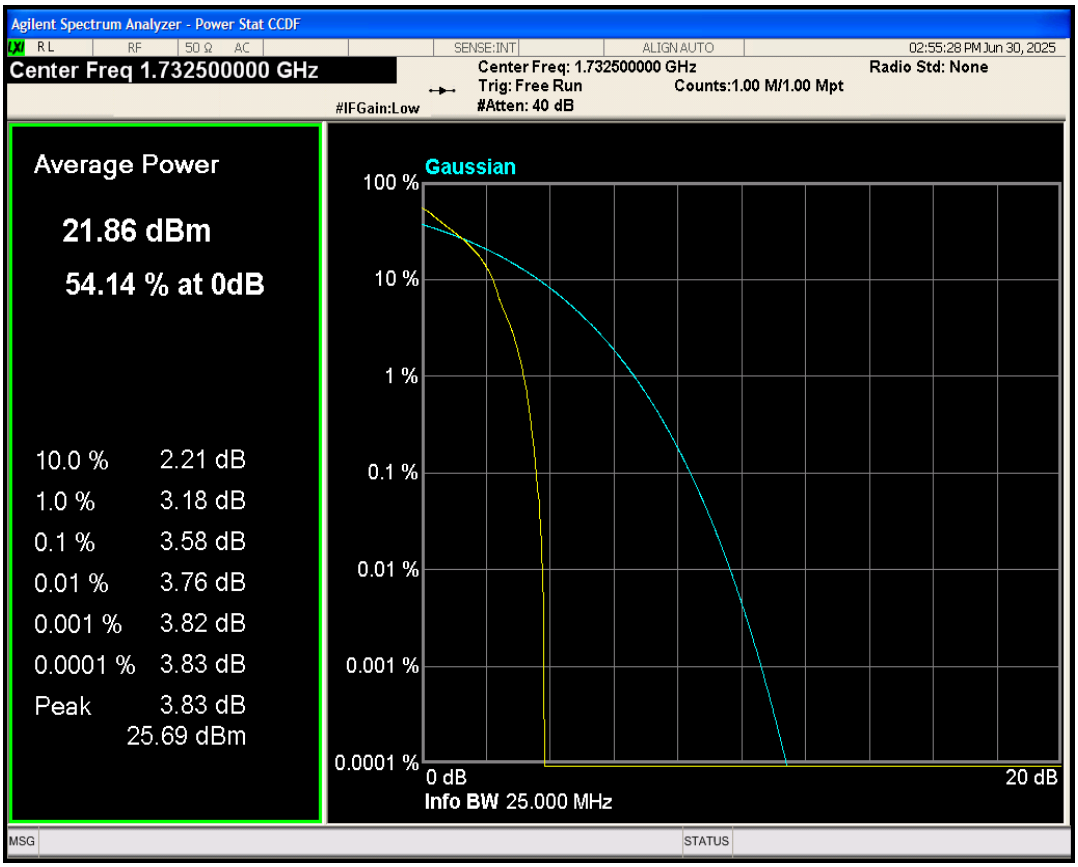
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 3 | 20175 | 1 | #0 | 16QAM | 3.91 | 13 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #0 | QPSK | 3.94 | 13 | PASS |
| NVNT | Band4 | 3 | 20385 | 1 | #0 | 16QAM | 4.64 | 13 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #0 | QPSK | 4.21 | 13 | PASS |
| NVNT | Band4 | 5 | 19975 | 1 | #0 | 16QAM | 4.87 | 13 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #0 | QPSK | 3.79 | 13 | PASS |
| NVNT | Band4 | 5 | 20175 | 1 | #0 | 16QAM | 4.27 | 13 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #0 | QPSK | 4.05 | 13 | PASS |
| NVNT | Band4 | 5 | 20375 | 1 | #0 | 16QAM | 4.66 | 13 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #0 | QPSK | 4.08 | 13 | PASS |
| NVNT | Band4 | 10 | 20000 | 1 | #0 | 16QAM | 4.61 | 13 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #0 | QPSK | 4.29 | 13 | PASS |
| NVNT | Band4 | 10 | 20175 | 1 | #0 | 16QAM | 5.00 | 13 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #0 | QPSK | 3.80 | 13 | PASS |
| NVNT | Band4 | 10 | 20350 | 1 | #0 | 16QAM | 4.56 | 13 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #0 | QPSK | 4.02 | 13 | PASS |
| NVNT | Band4 | 15 | 20025 | 1 | #0 | 16QAM | 4.70 | 13 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #0 | QPSK | 4.87 | 13 | PASS |
| NVNT | Band4 | 15 | 20175 | 1 | #0 | 16QAM | 5.74 | 13 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #0 | QPSK | 3.71 | 13 | PASS |
| NVNT | Band4 | 15 | 20325 | 1 | #0 | 16QAM | 4.10 | 13 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #0 | QPSK | 3.85 | 13 | PASS |
| NVNT | Band4 | 20 | 20050 | 1 | #0 | 16QAM | 4.42 | 13 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #0 | QPSK | 5.28 | 13 | PASS |
| NVNT | Band4 | 20 | 20175 | 1 | #0 | 16QAM | 5.75 | 13 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #0 | QPSK | 3.11 | 13 | PASS |
| NVNT | Band4 | 20 | 20300 | 1 | #0 | 16QAM | 3.43 | 13 | PASS |



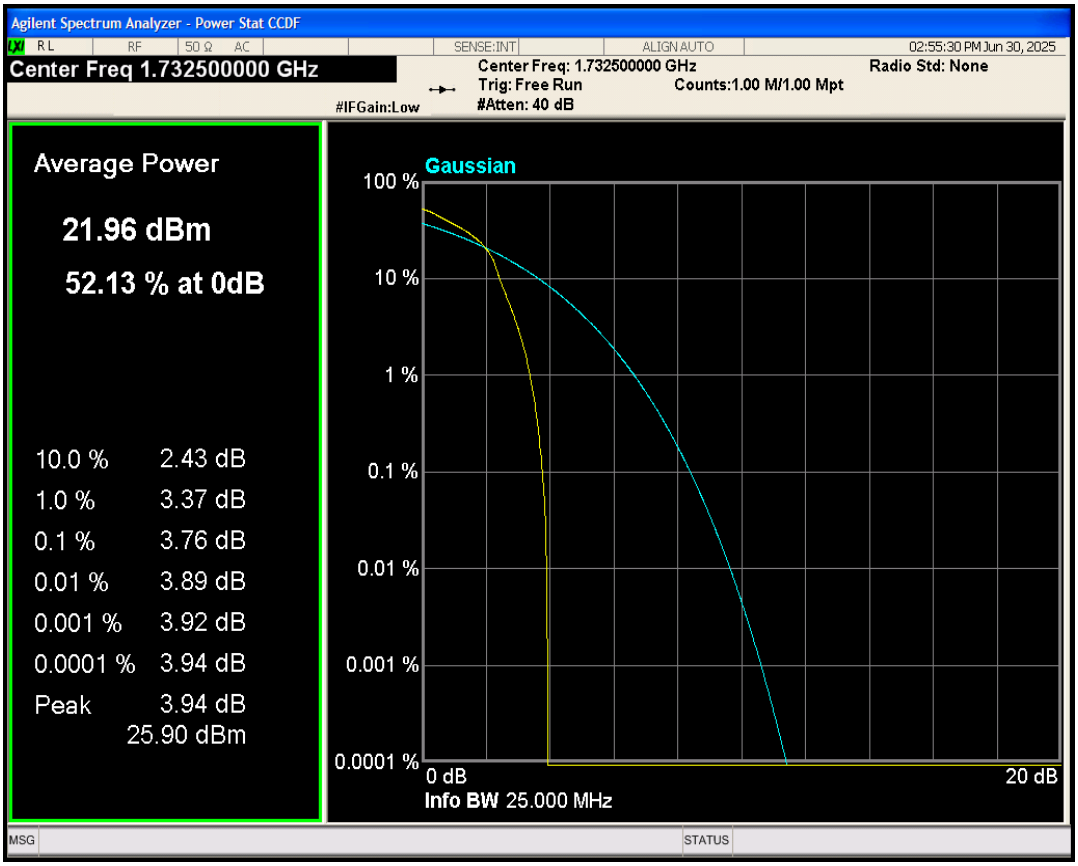

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



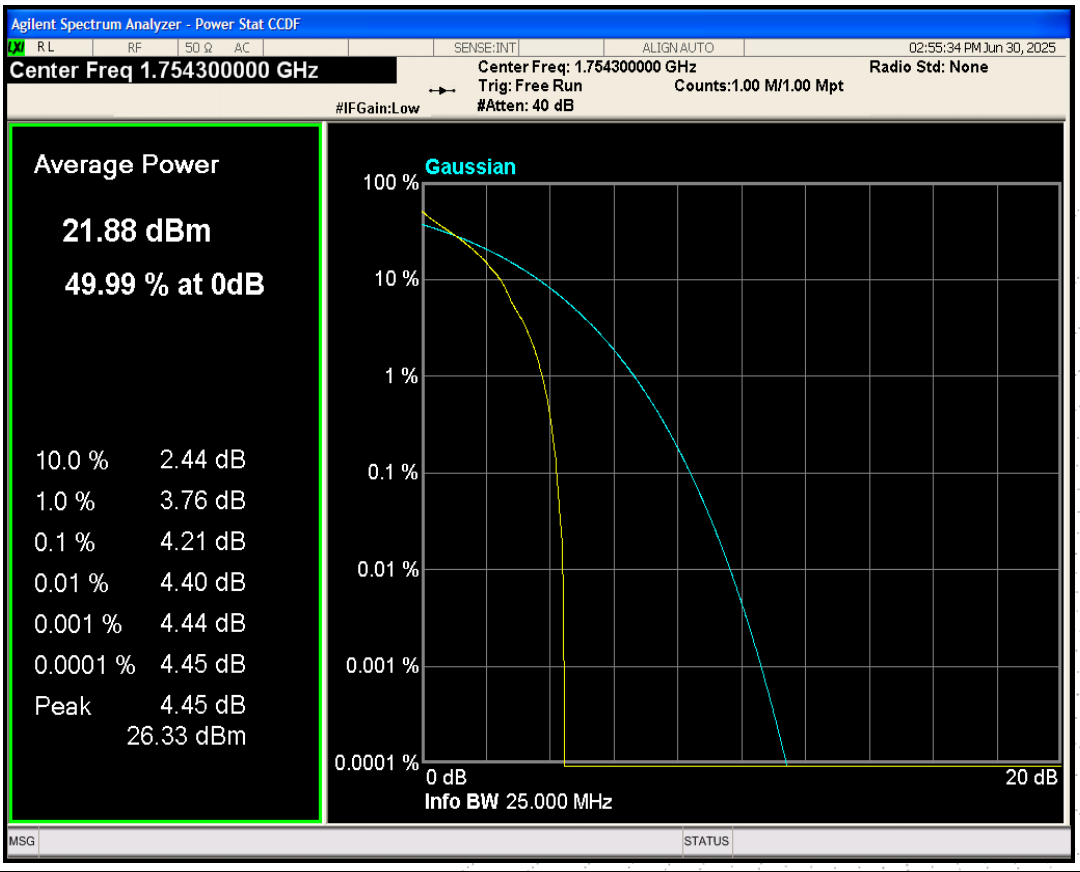
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



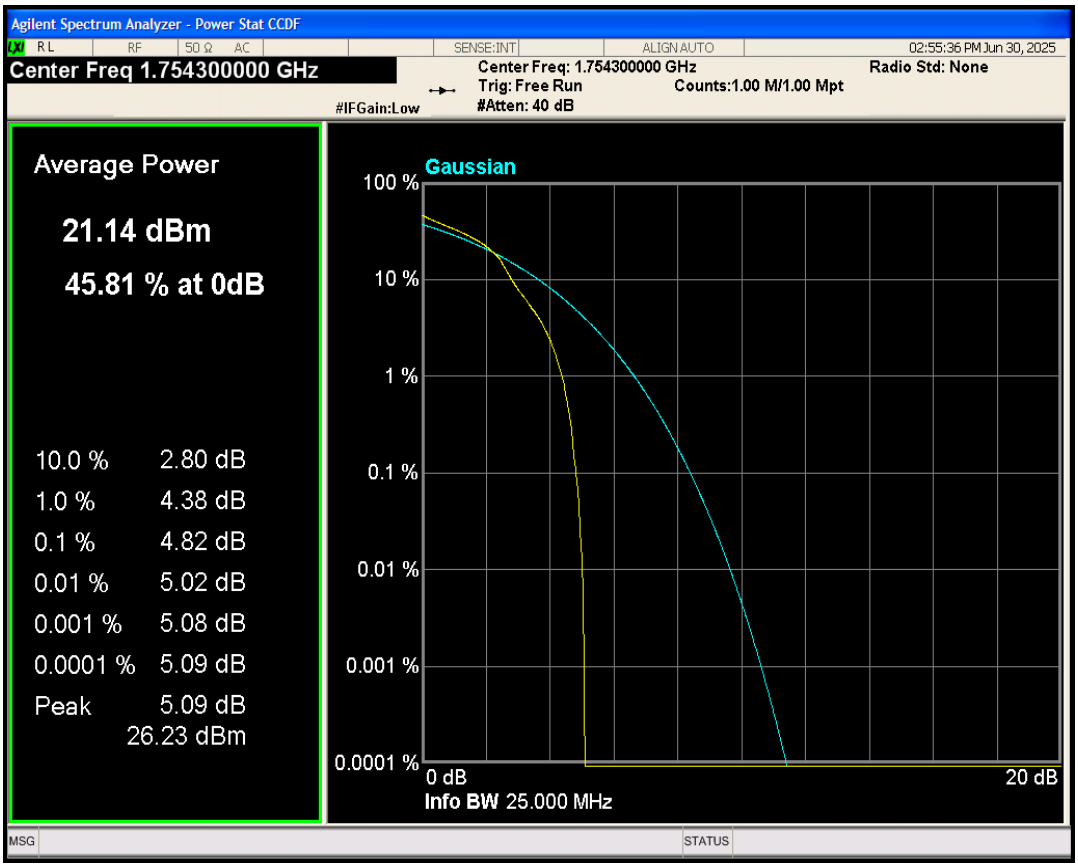

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



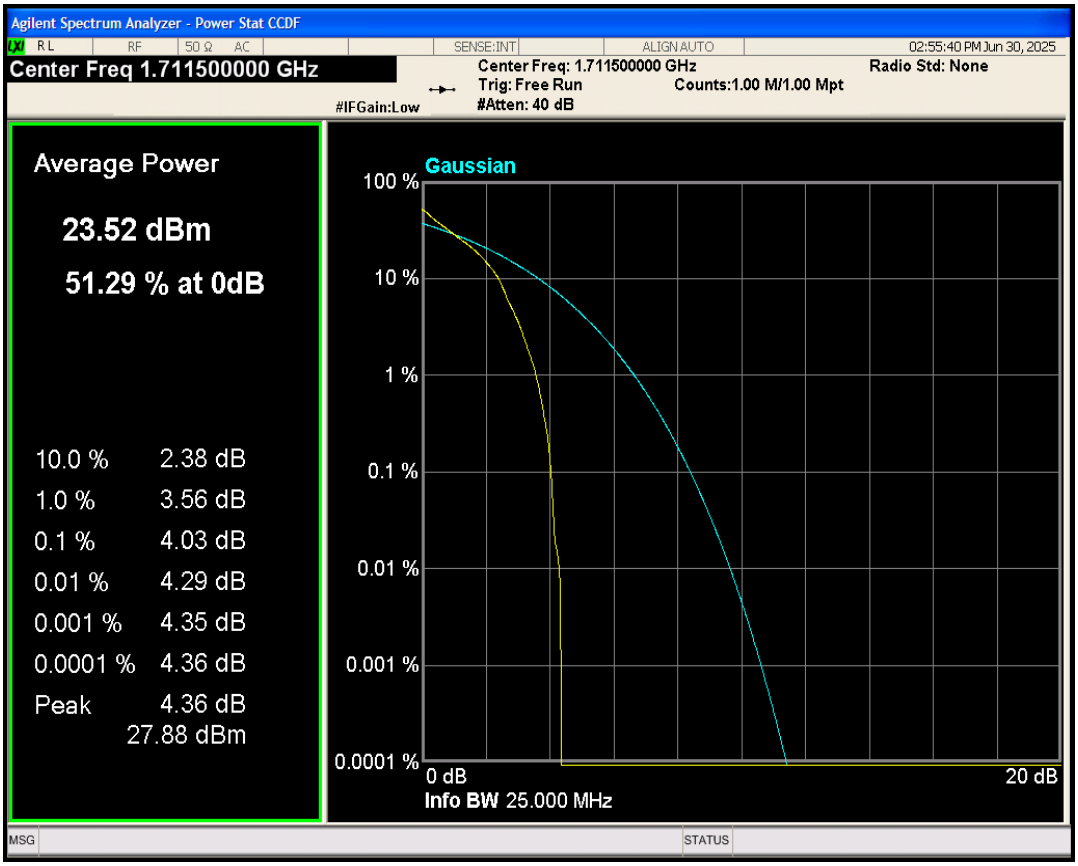

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



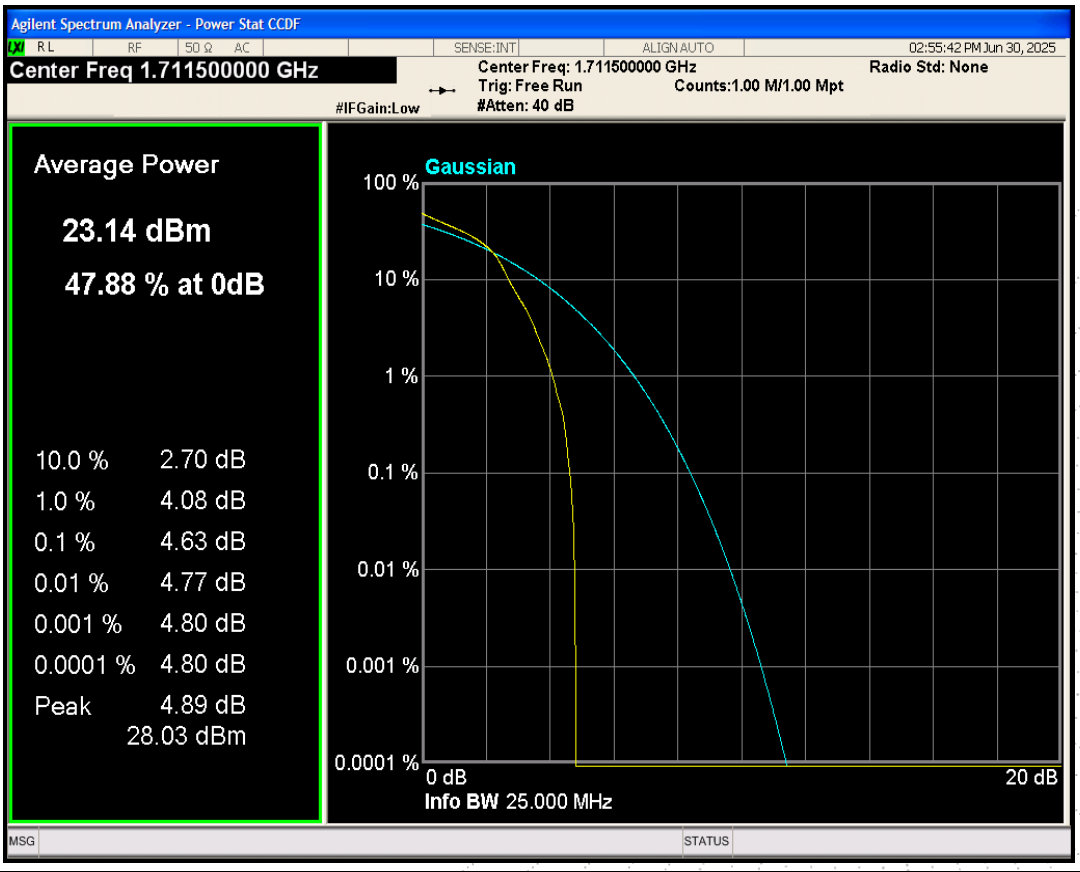
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



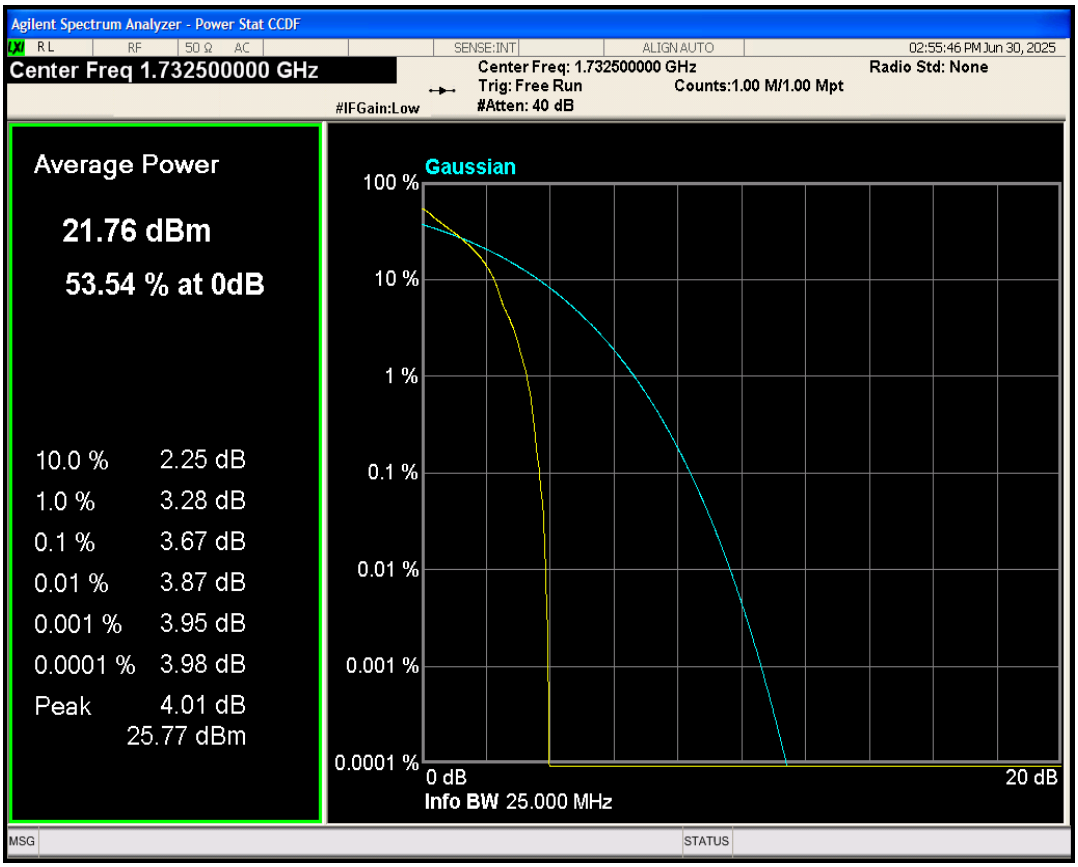

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



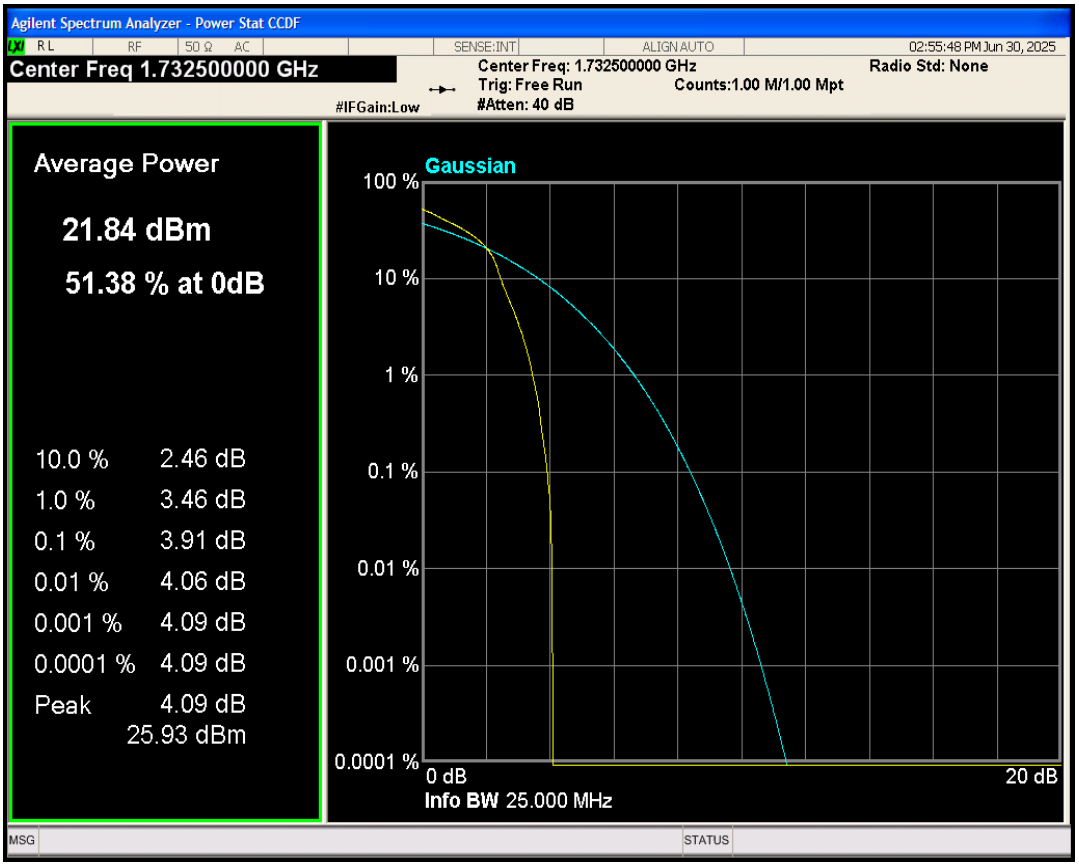

Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



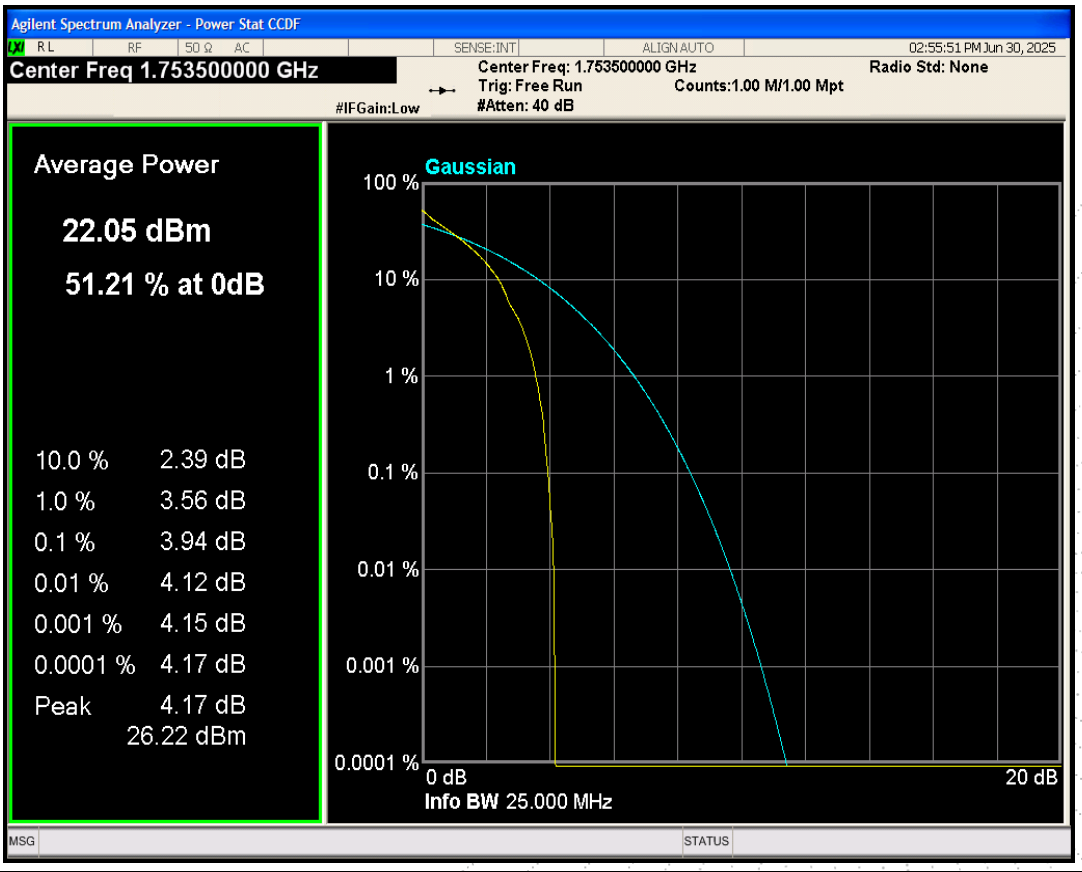
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



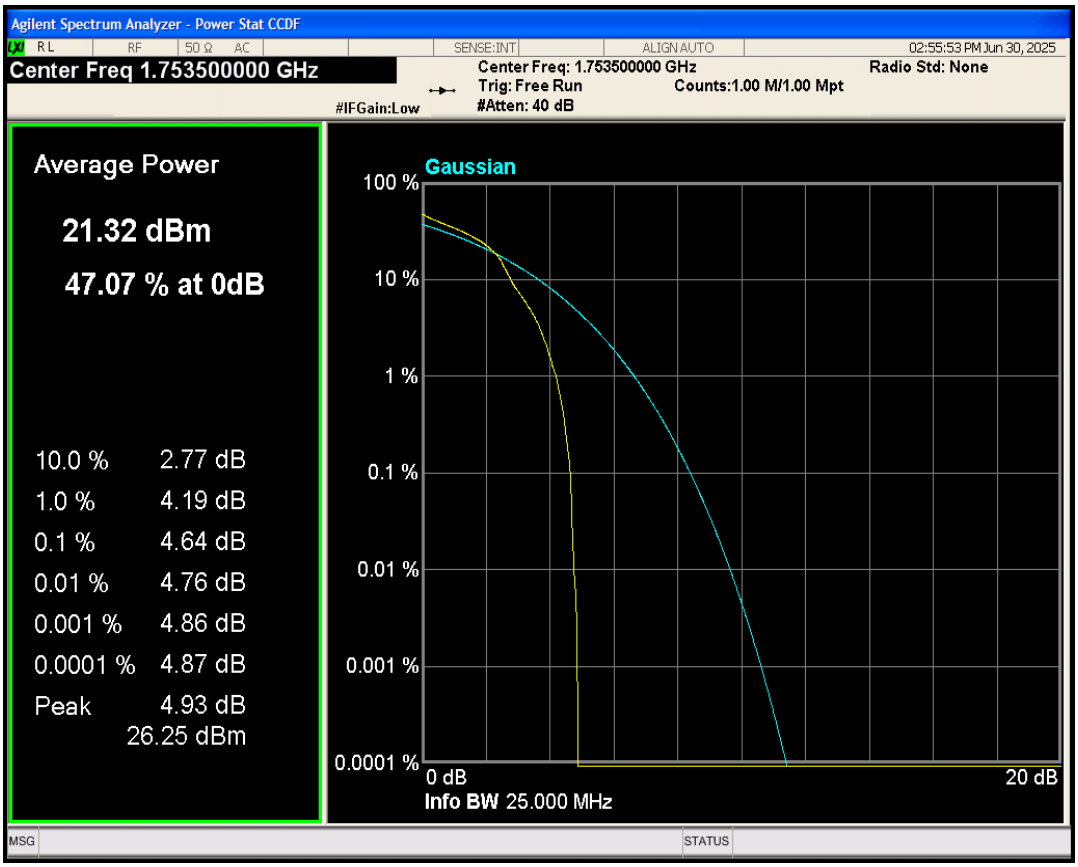

Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



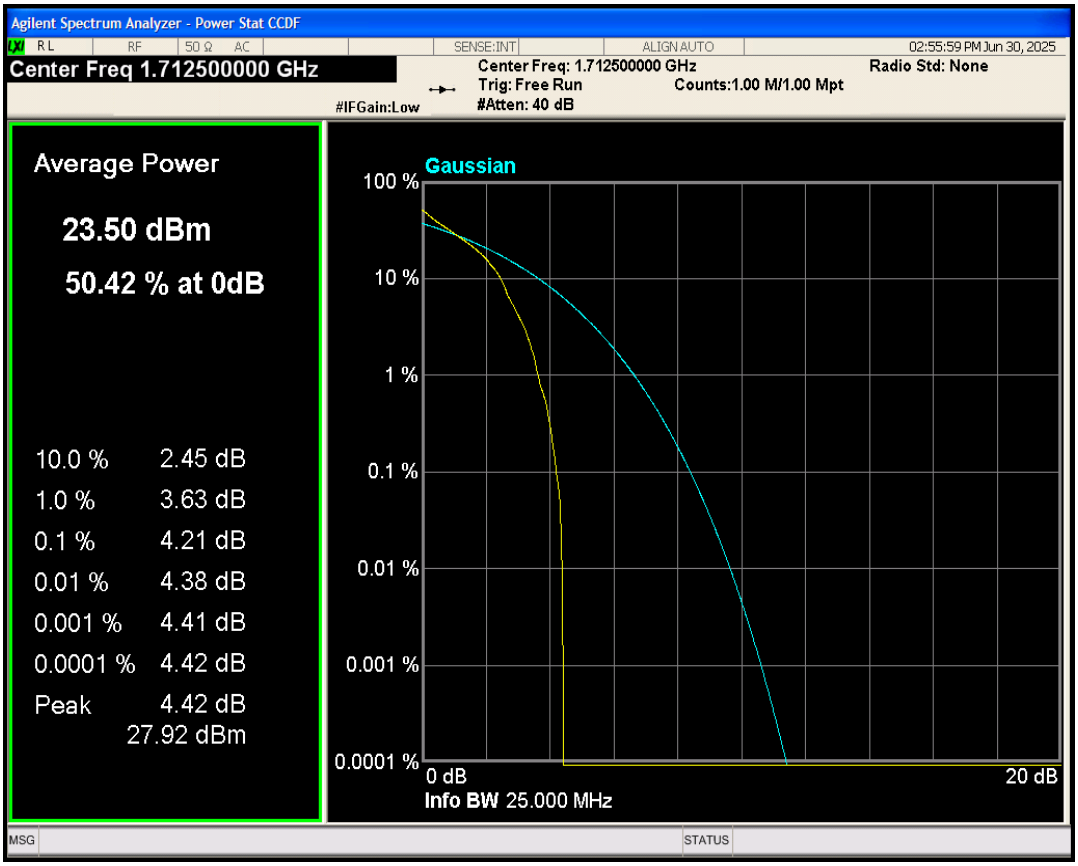

Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



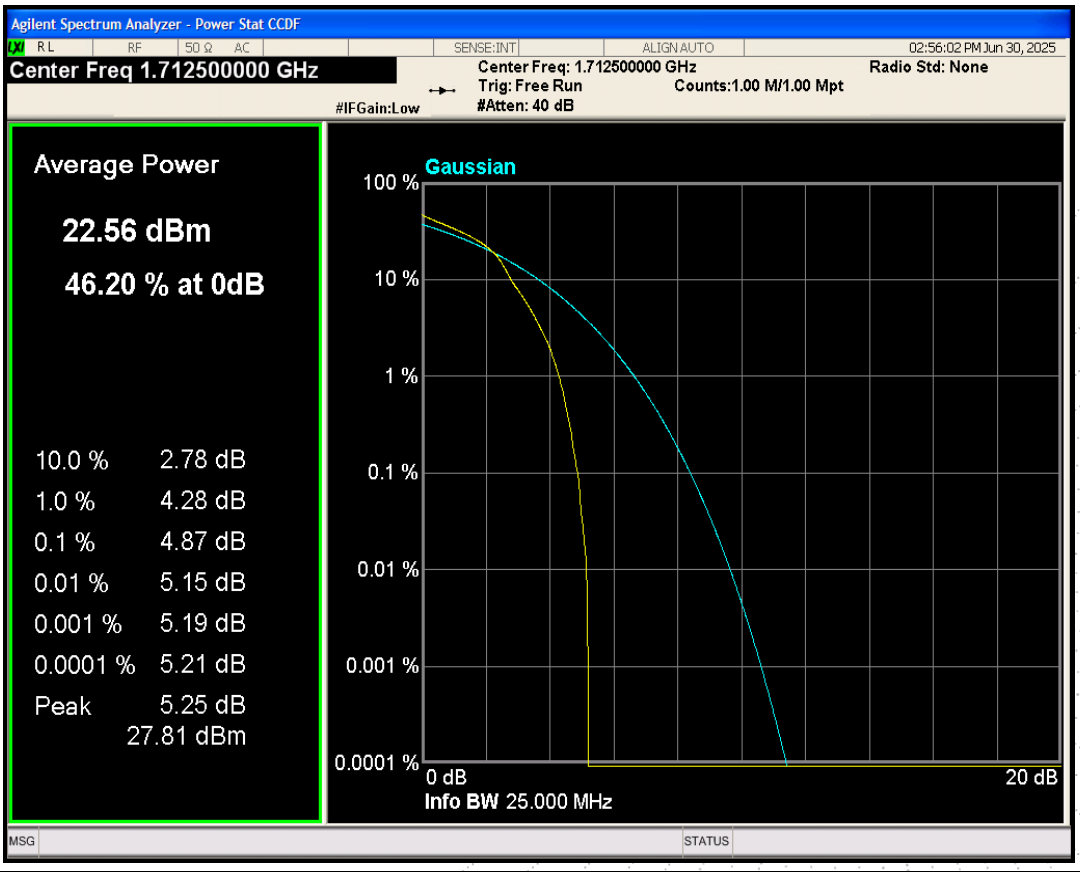
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



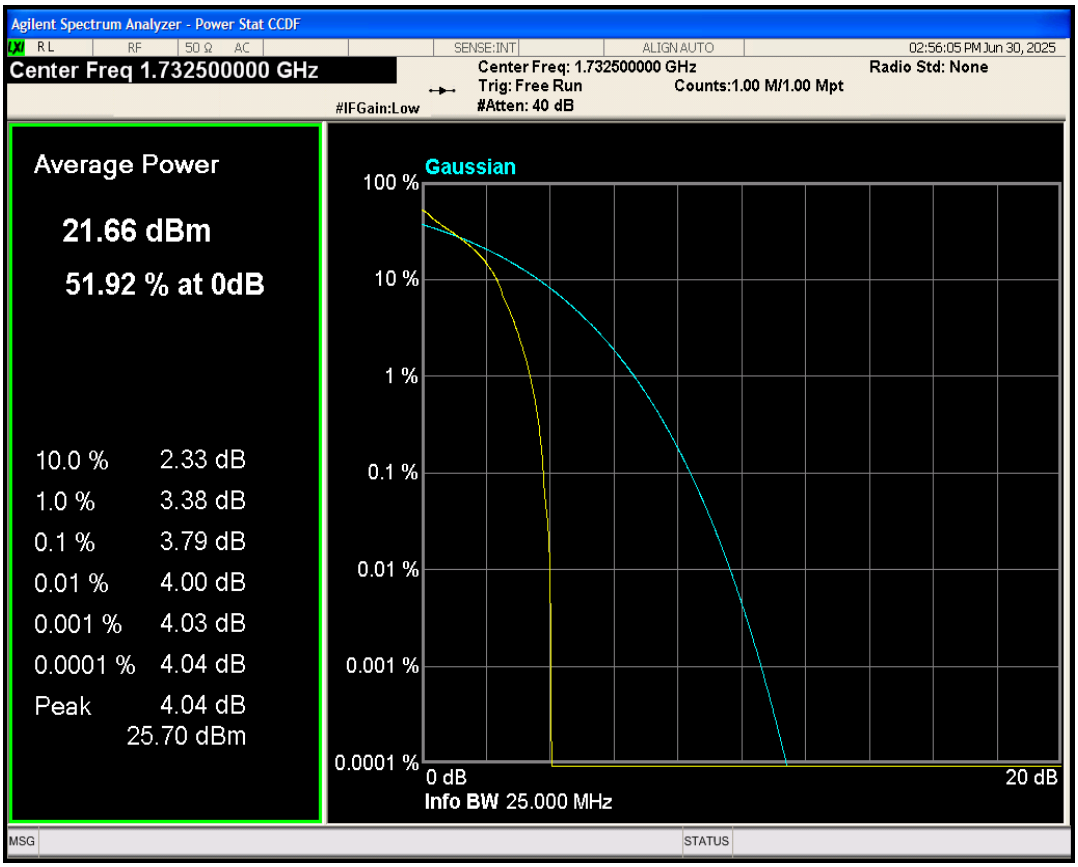

Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



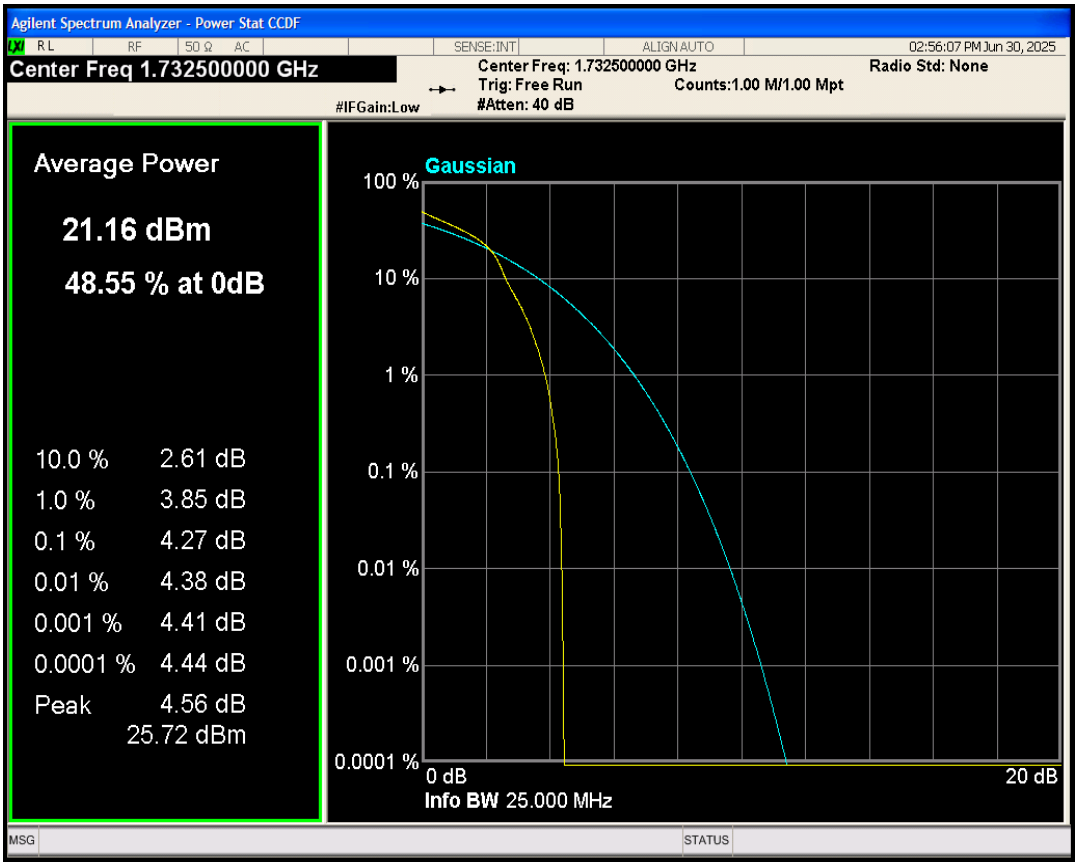

Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



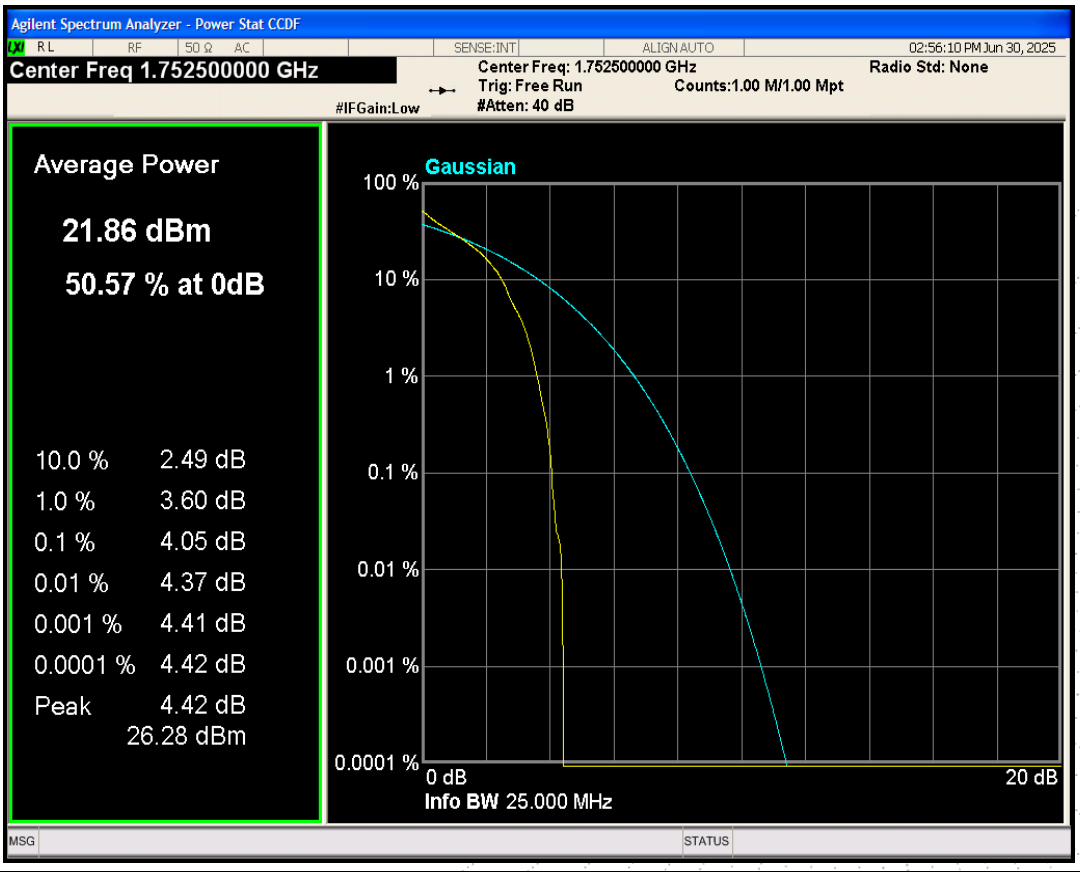
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



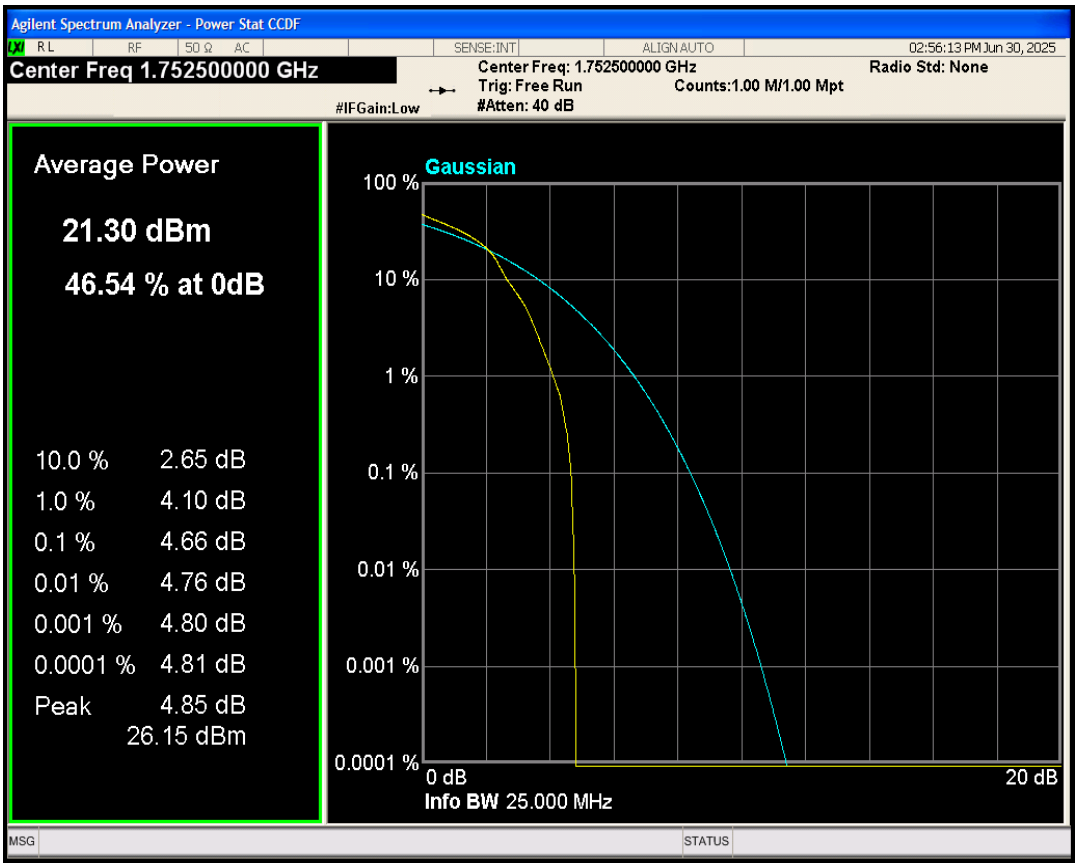

Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



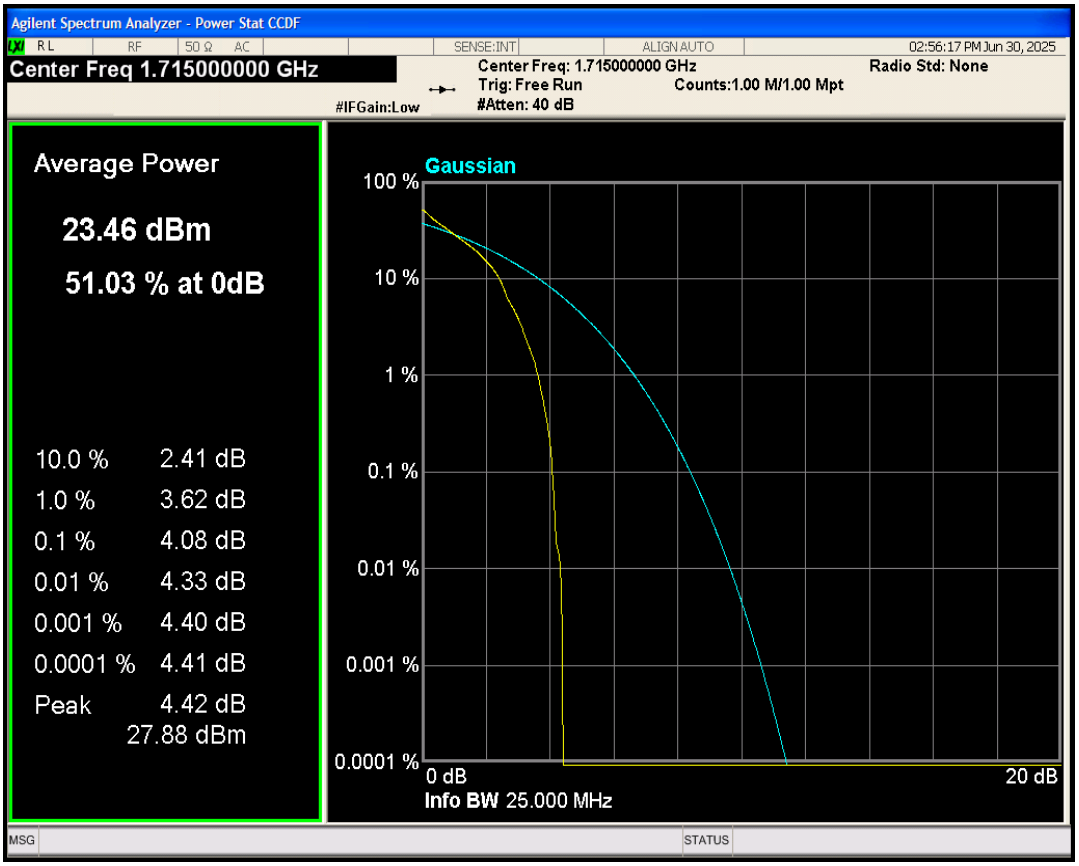

Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



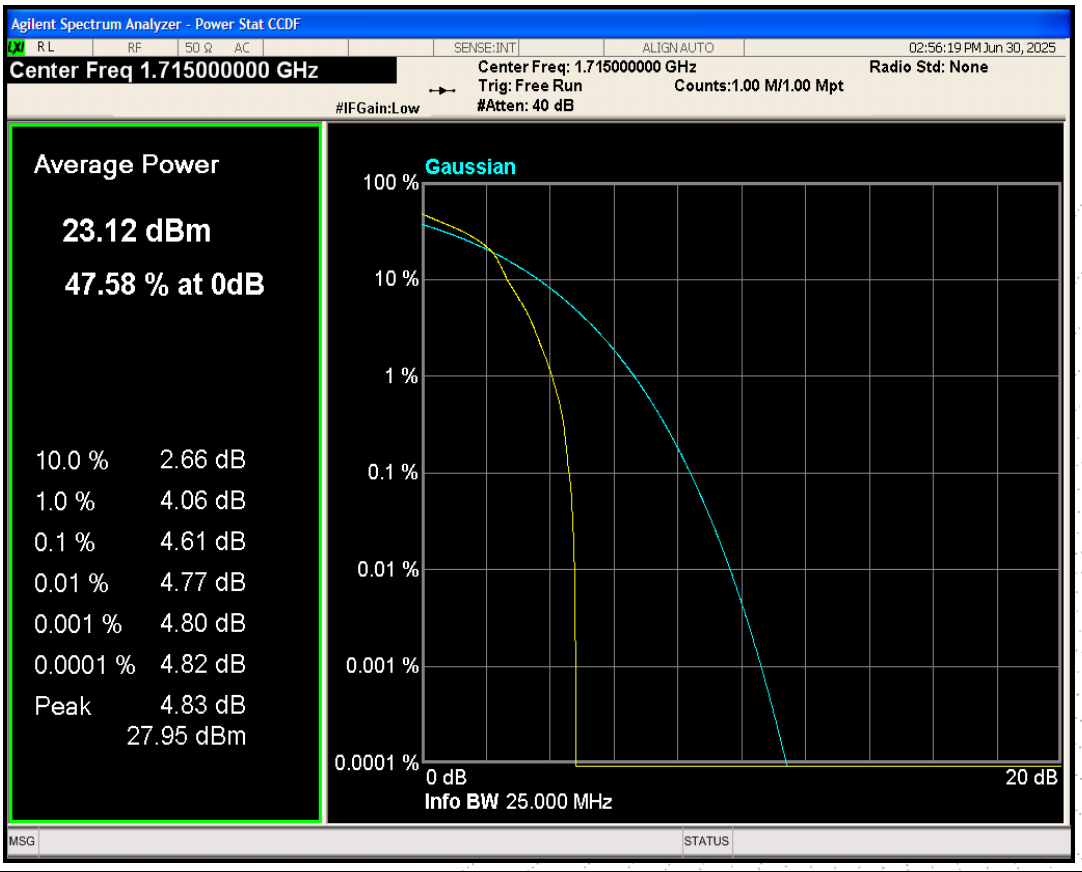
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



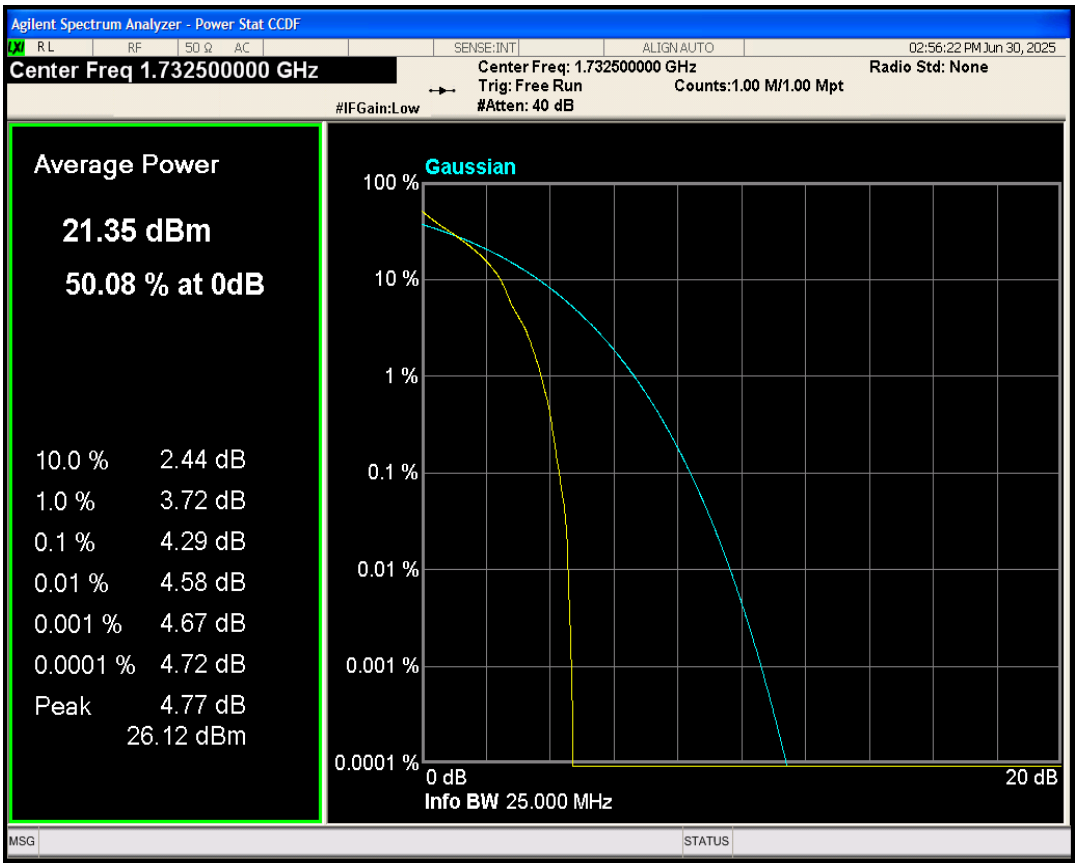

Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



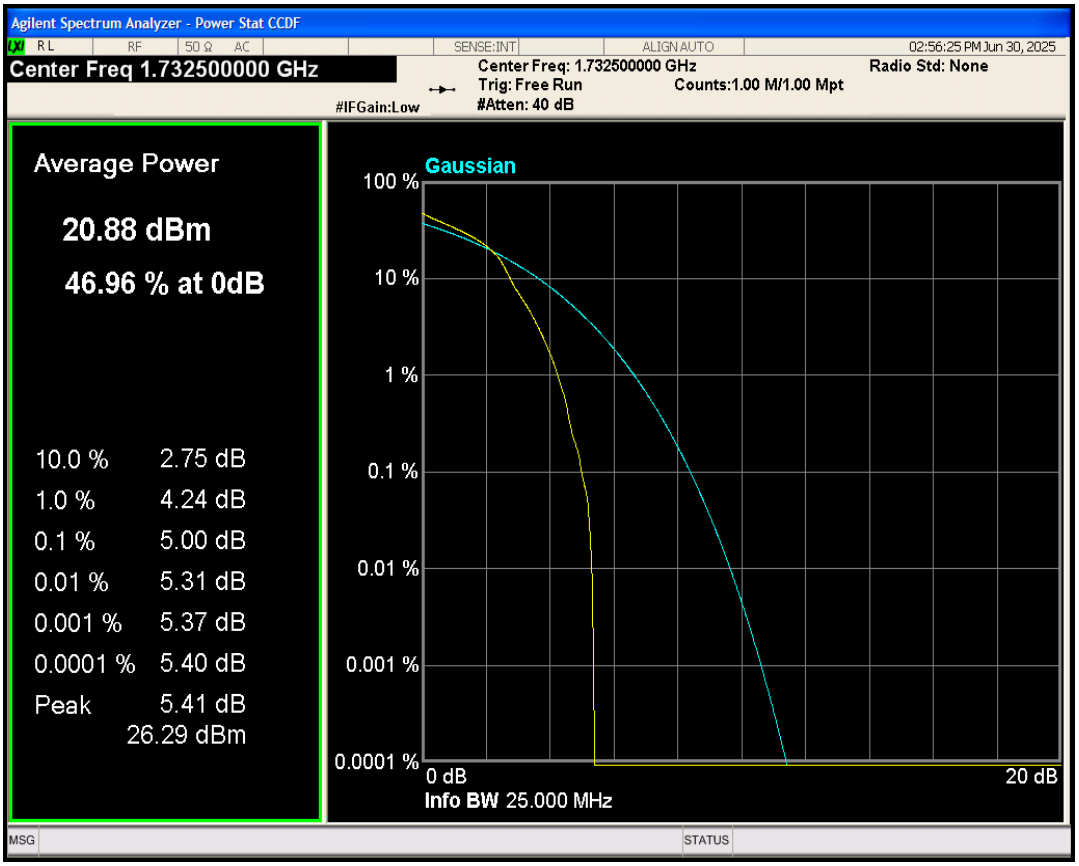

Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



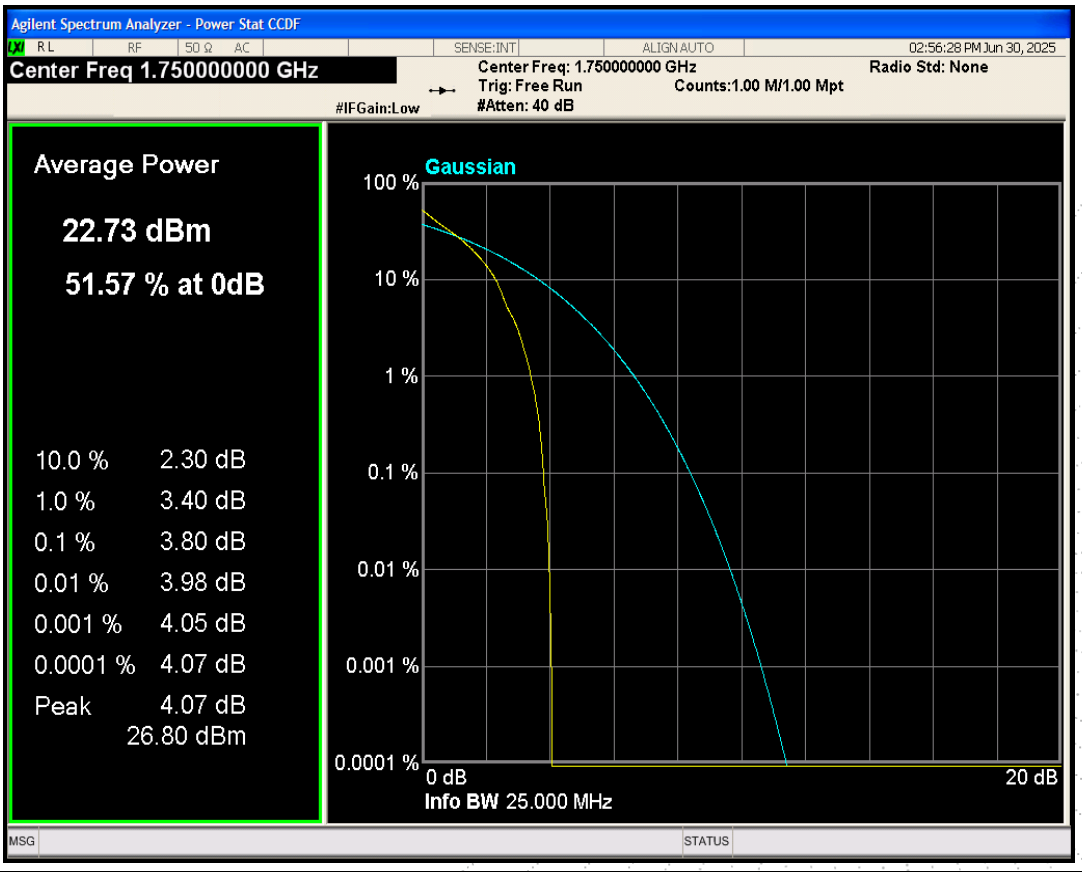
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



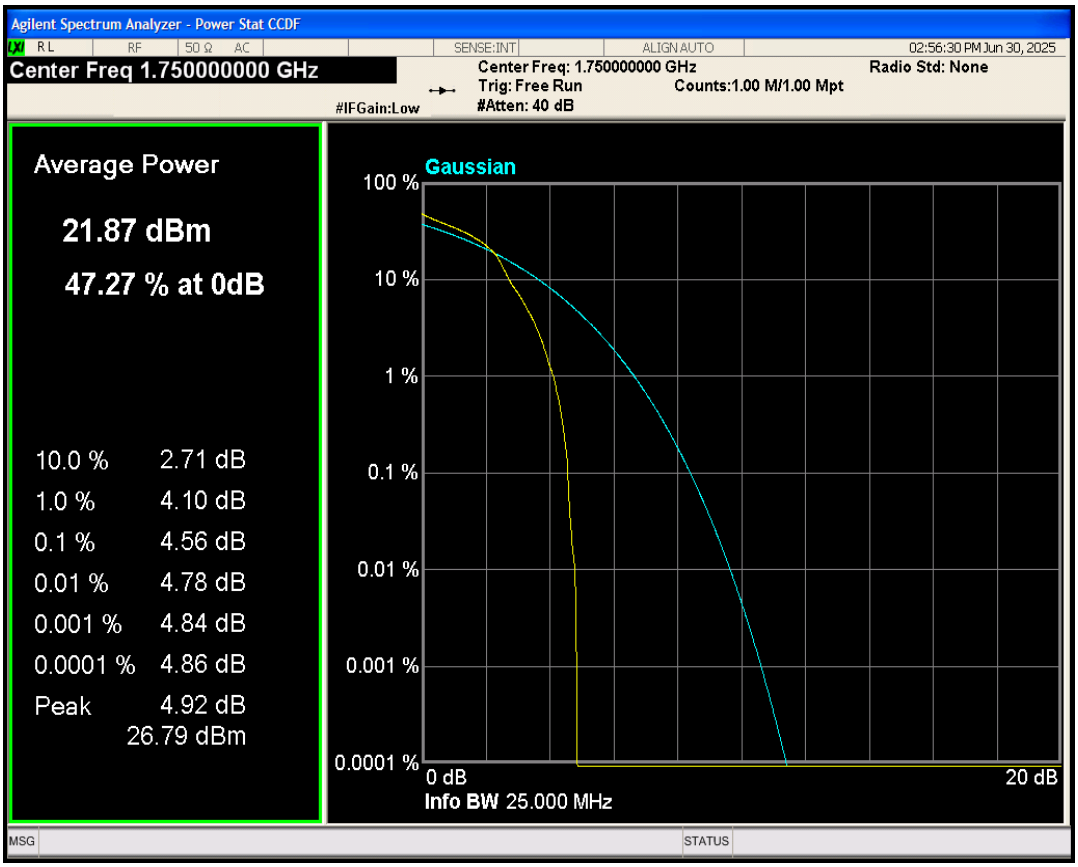

Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



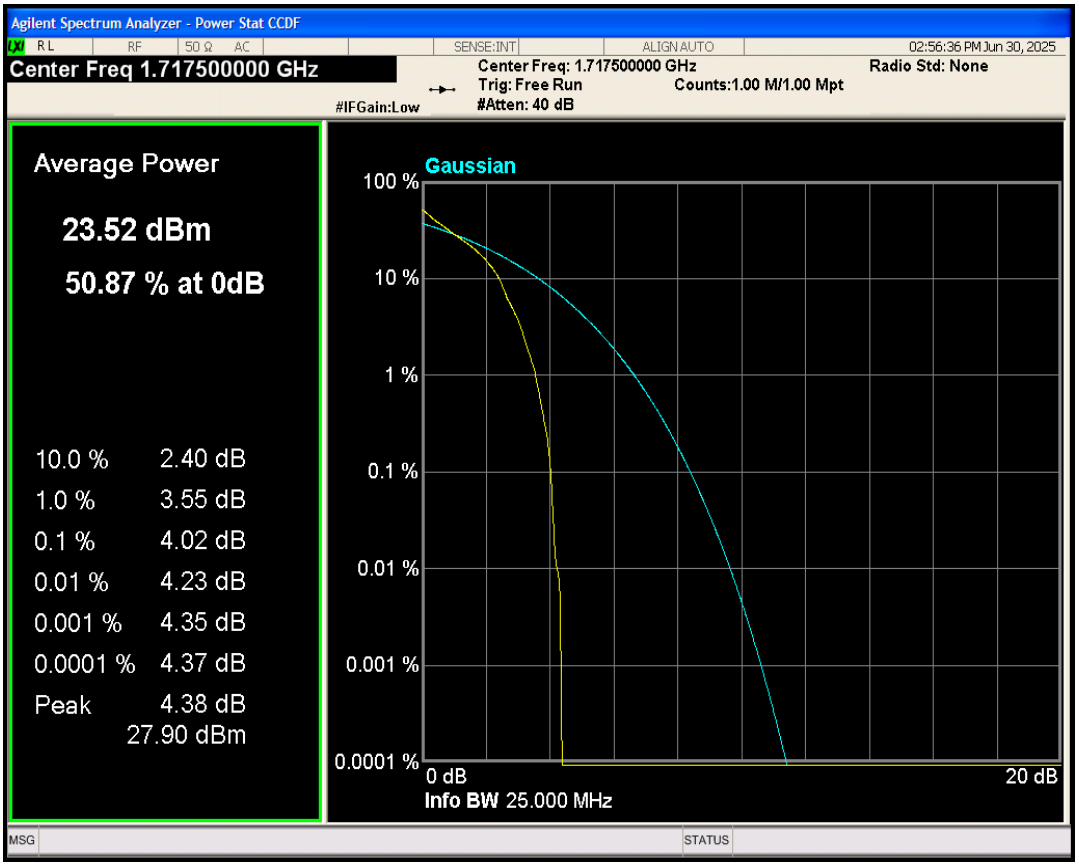

Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



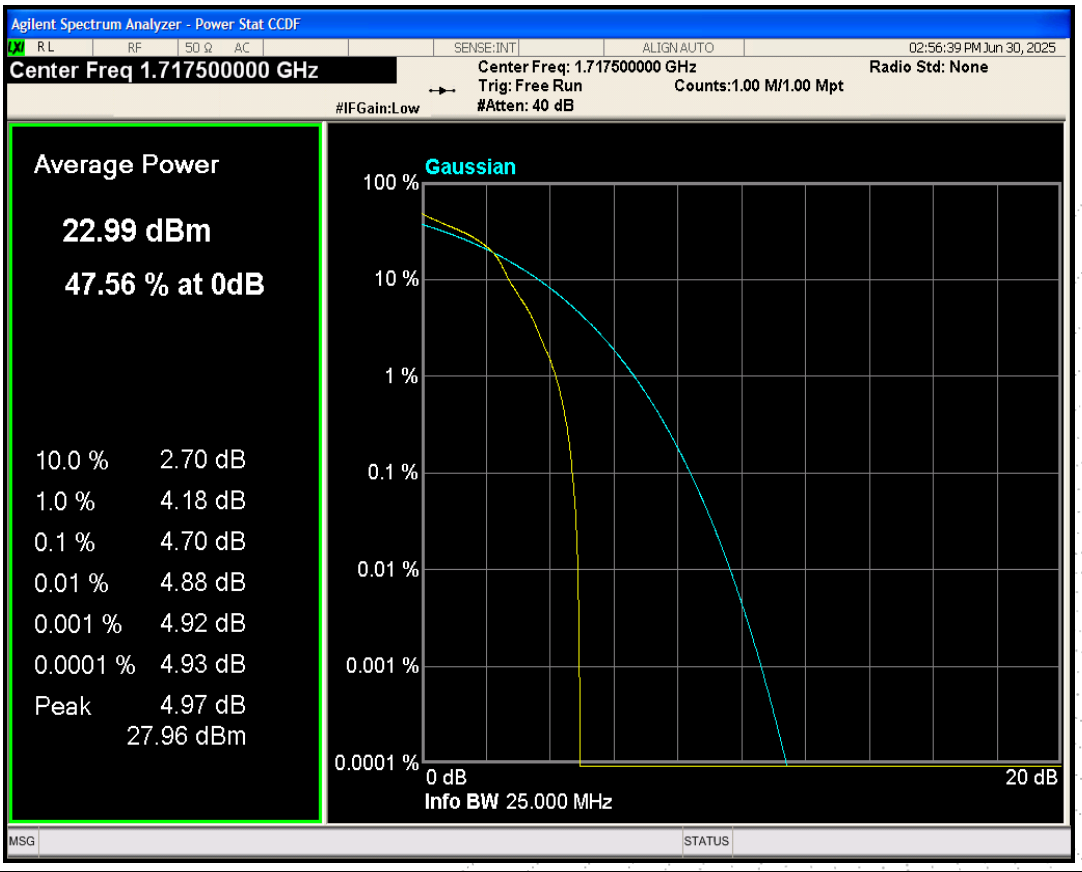
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



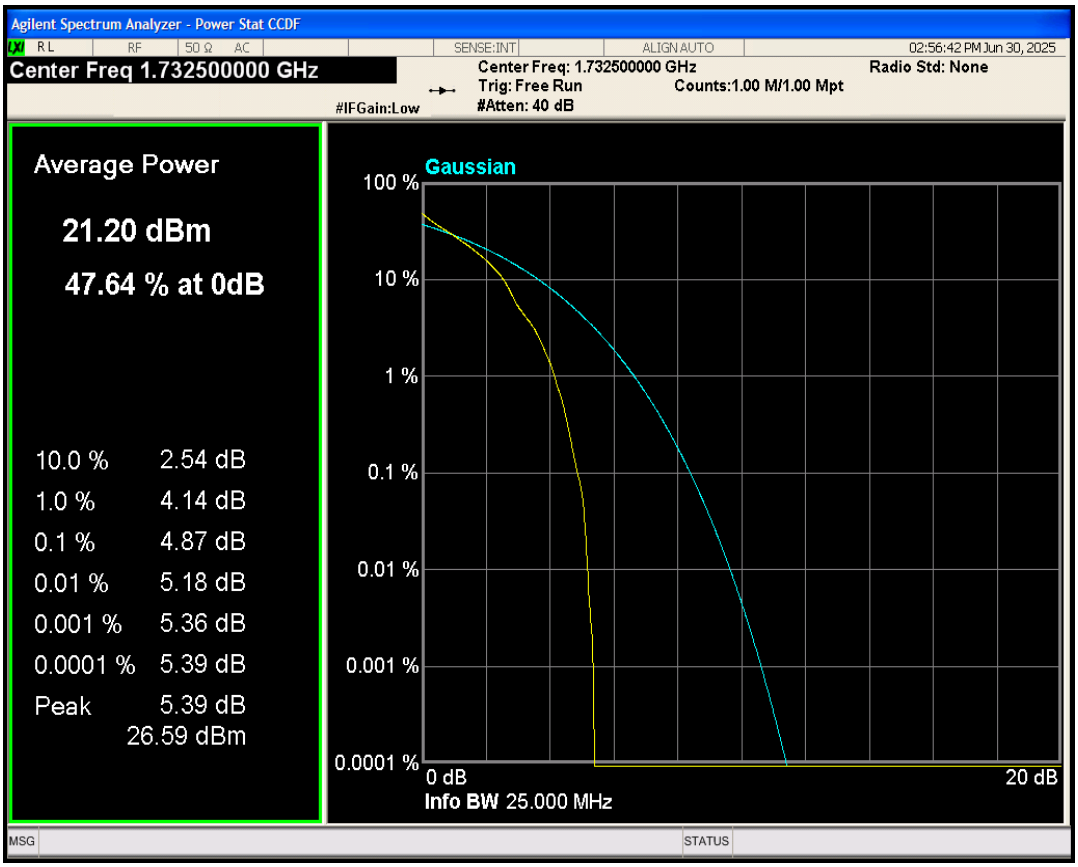

Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0 NVNT



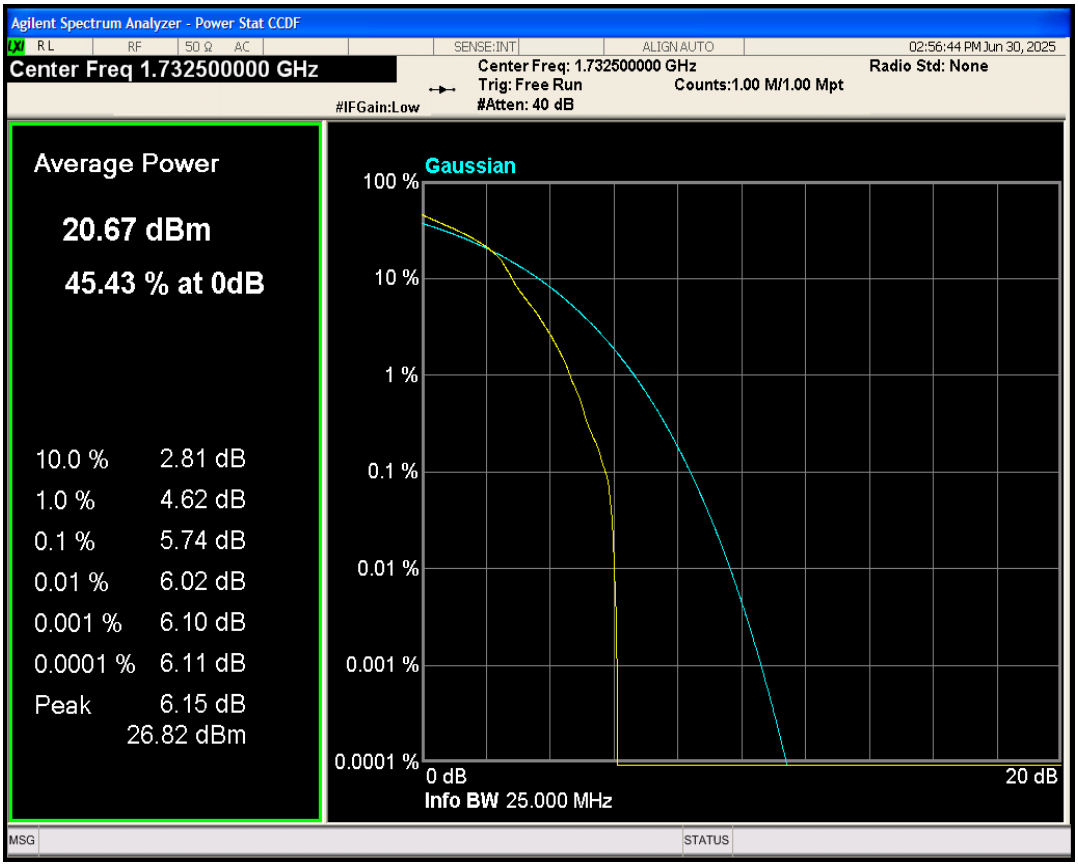

Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



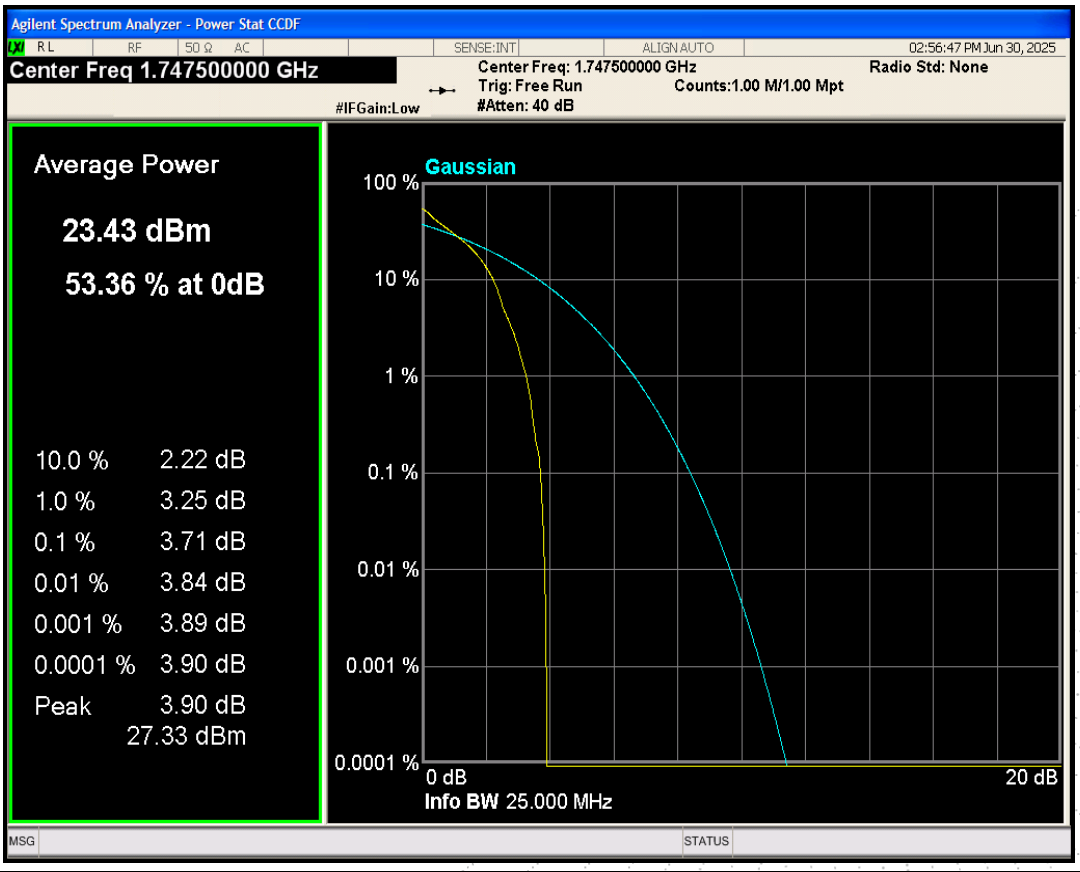
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0 NVNT



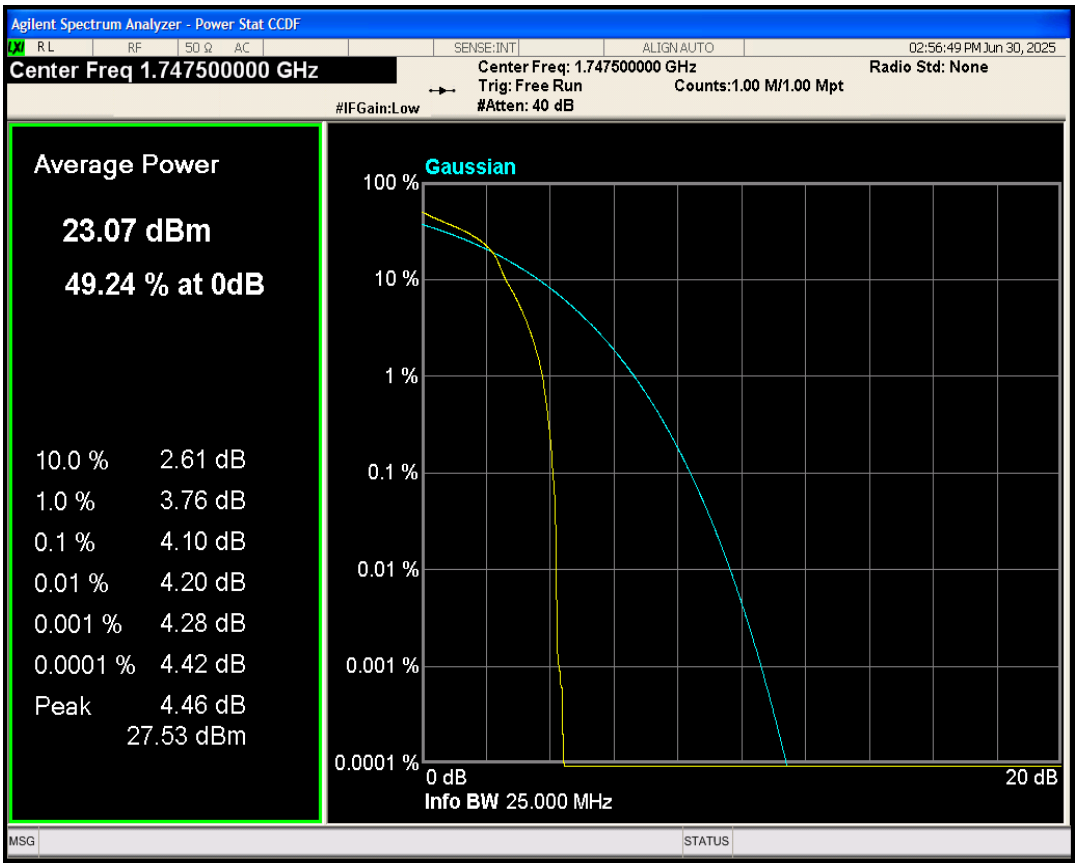

Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



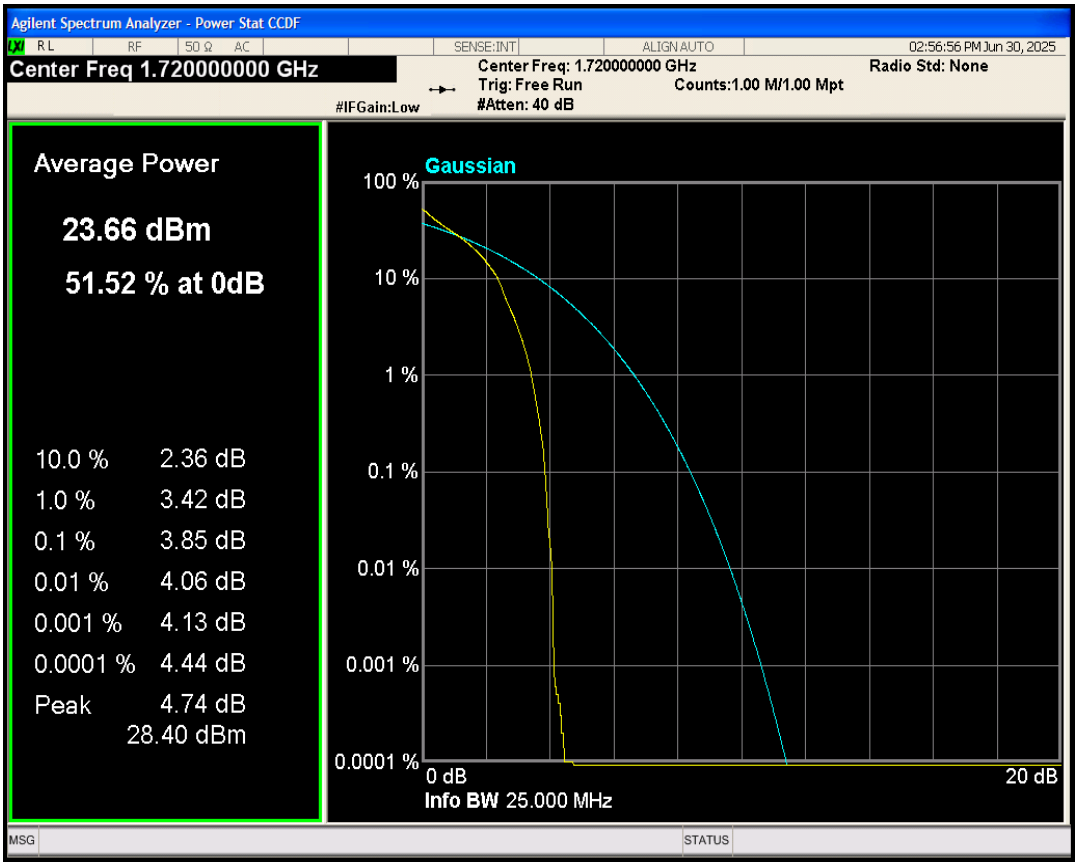

Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0 NVNT



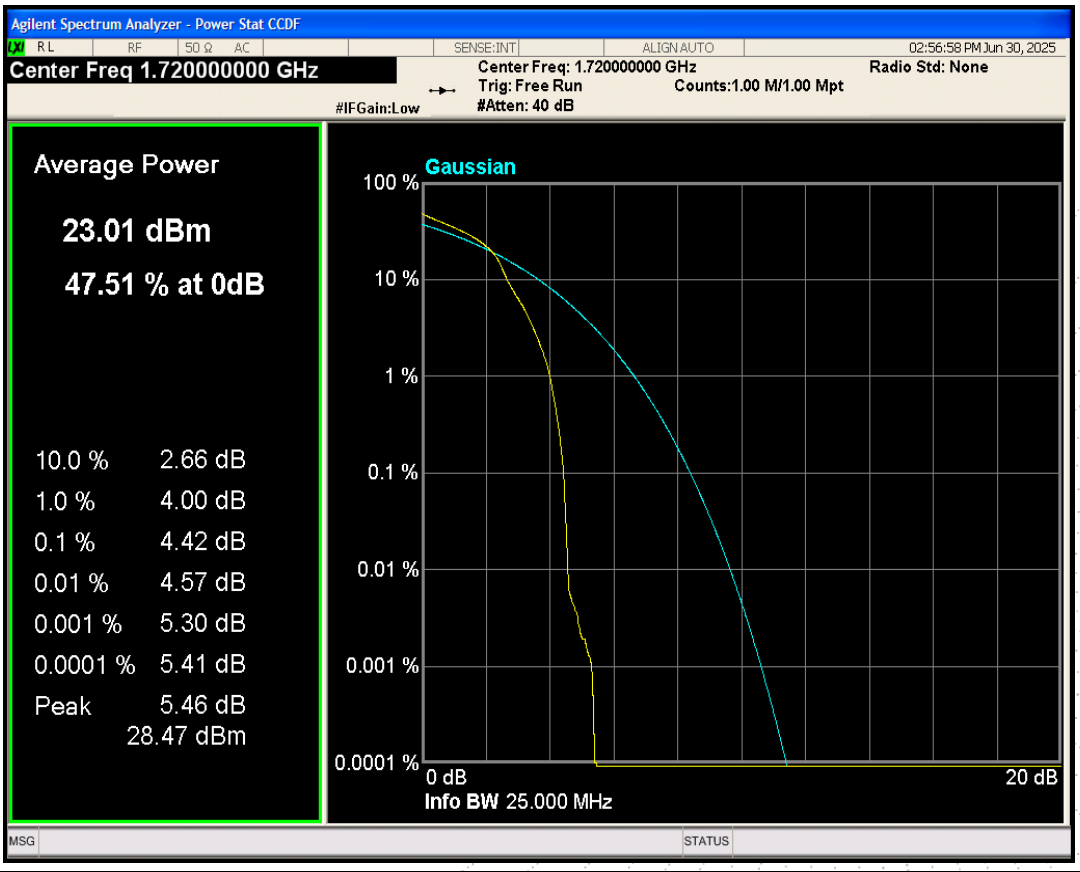
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



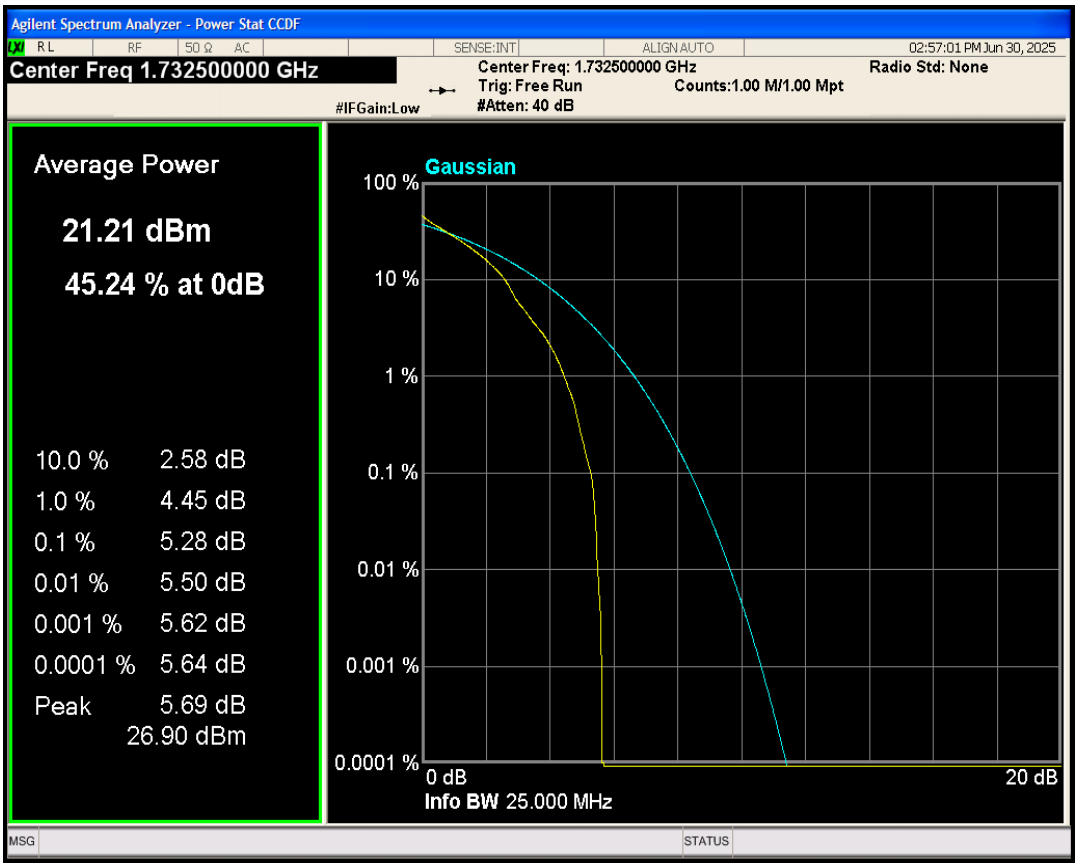

Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0 NVNT



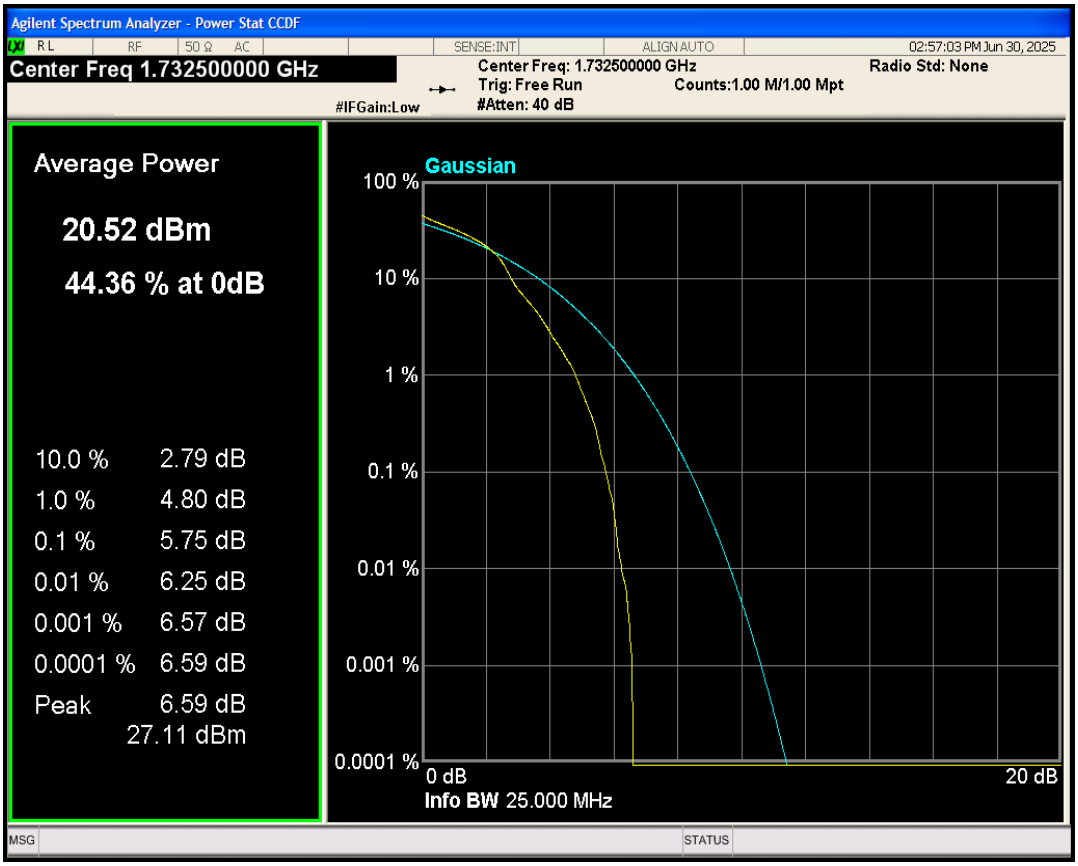

Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



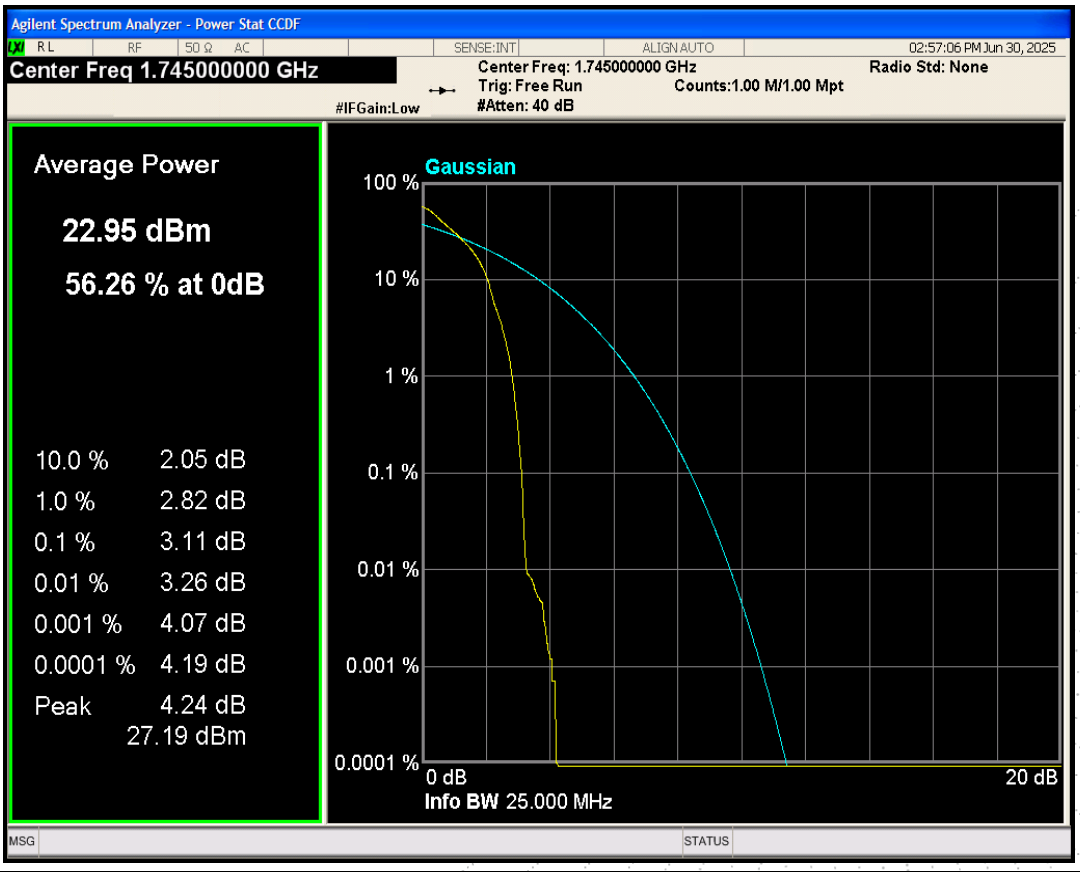
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0 NVNT



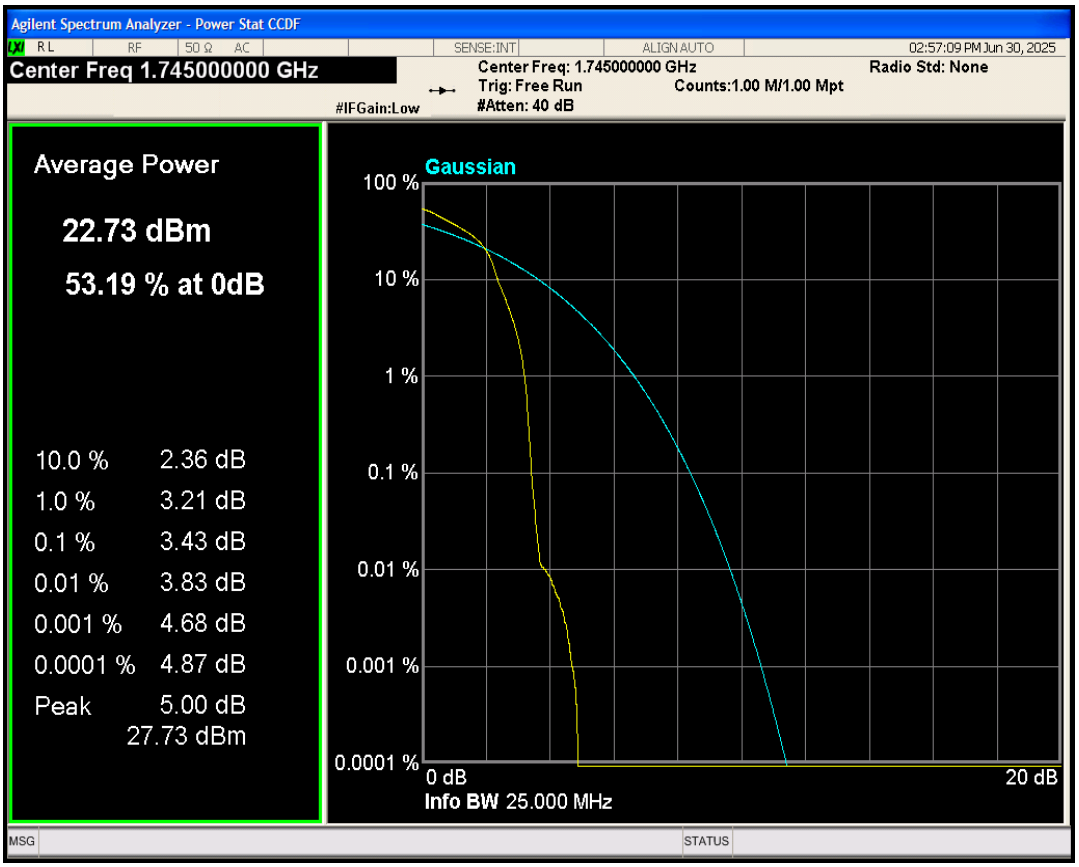

Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT




Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0 NVNT



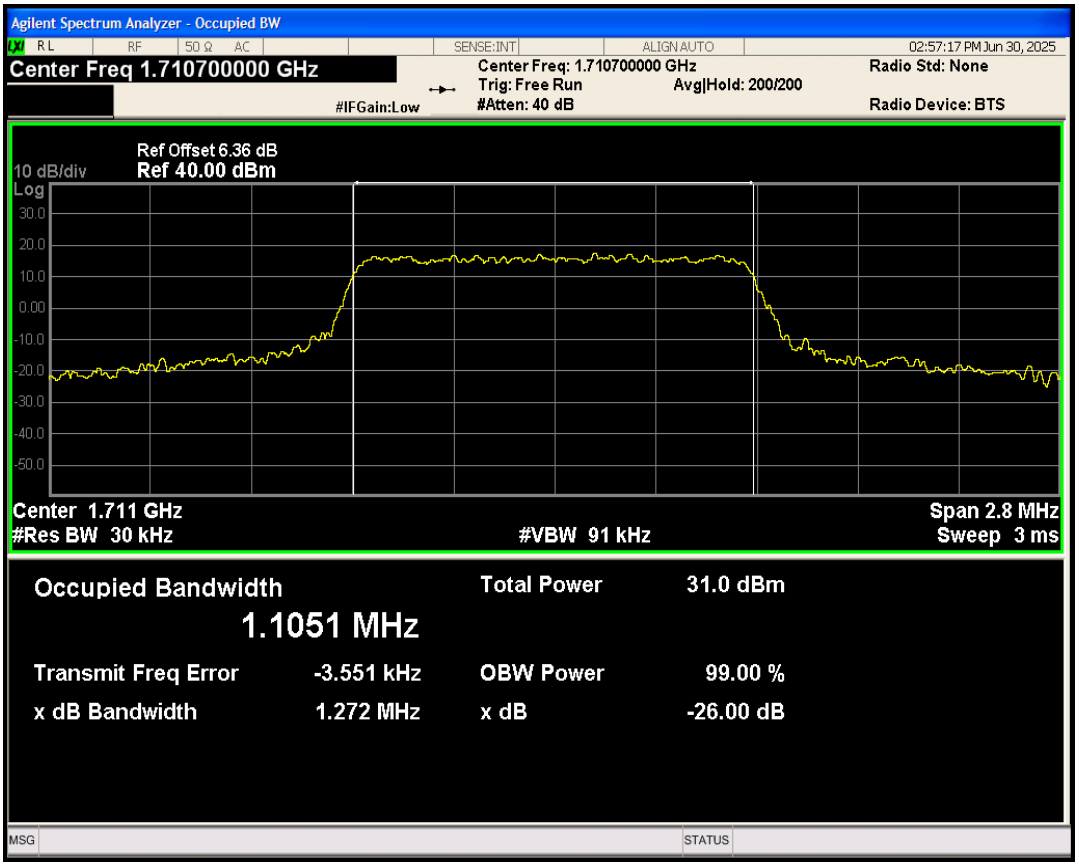
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT



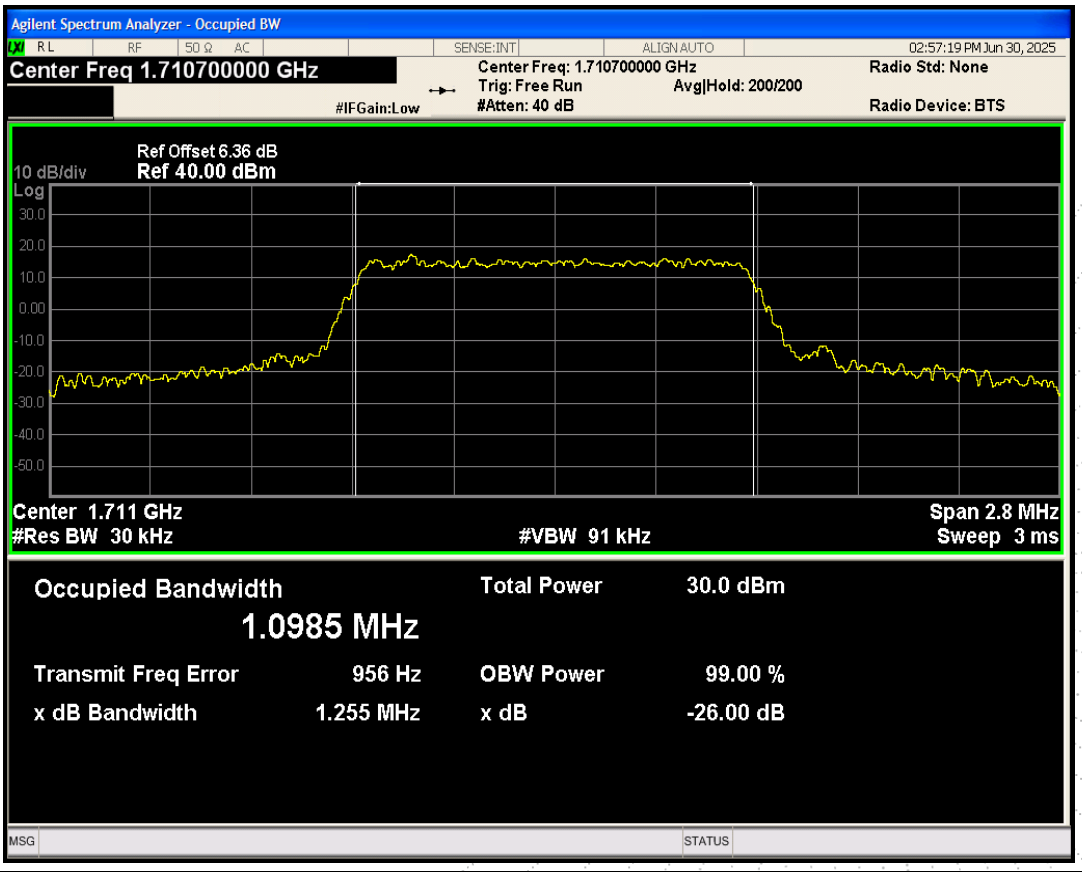

Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0 NVNT

# Appendix 4.Occupied bandwidth

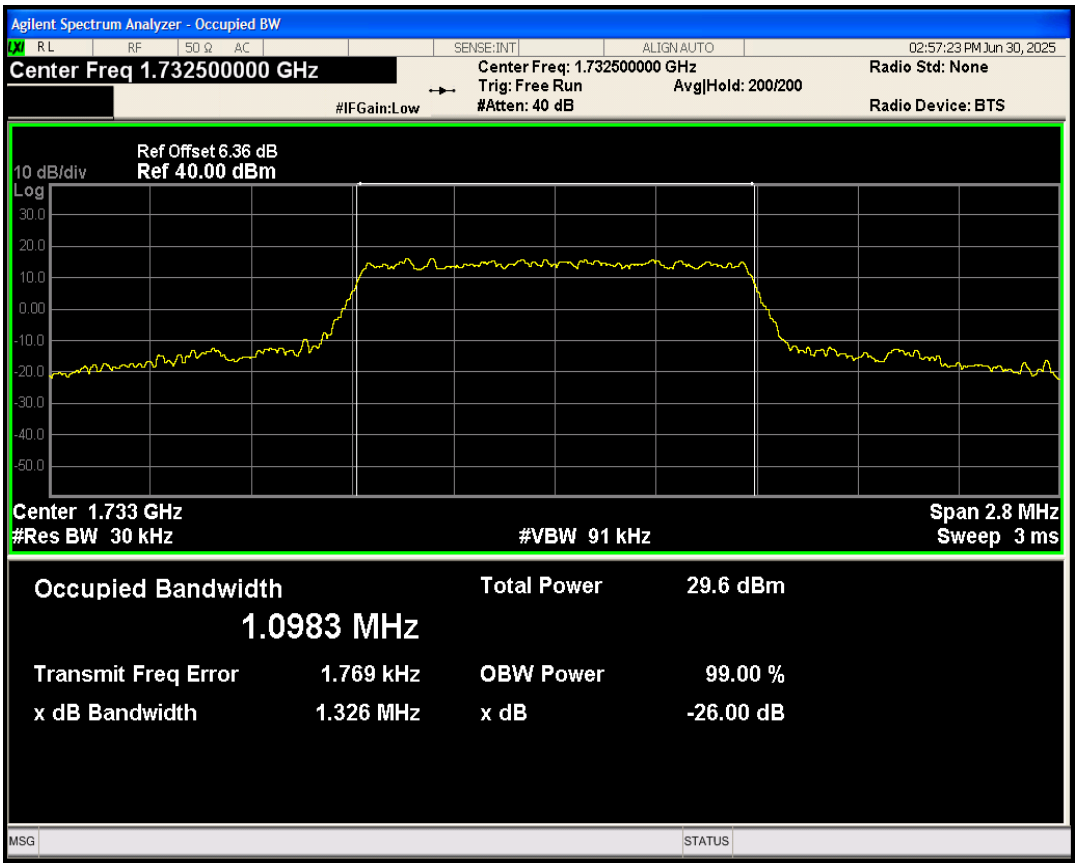
| Condition | Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | 99% OBW (MHz) | -26dB EBW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | QPSK | 1.105 | 1.272 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | 16QAM | 1.099 | 1.255 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | QPSK | 1.098 | 1.326 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | 16QAM | 1.097 | 1.253 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | QPSK | 1.101 | 1.245 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | 16QAM | 1.091 | 1.242 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | QPSK | 2.712 | 3.052 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | 16QAM | 2.703 | 3.055 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | QPSK | 2.729 | 3.050 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | 16QAM | 2.708 | 3.076 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | QPSK | 2.701 | 3.061 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | 16QAM | 2.714 | 3.067 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | QPSK | 4.506 | 4.960 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | 16QAM | 4.516 | 4.980 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | QPSK | 4.520 | 4.971 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | 16QAM | 4.509 | 4.994 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | QPSK | 4.506 | 4.986 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | 16QAM | 4.526 | 4.962 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | QPSK | 8.991 | 9.869 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | 16QAM | 8.983 | 9.873 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | QPSK | 9.024 | 9.918 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | 16QAM | 9.008 | 9.860 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | QPSK | 9.010 | 9.769 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | 16QAM | 9.004 | 9.935 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | QPSK | 13.459 | 14.868 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | 16QAM | 13.431 | 14.825 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | QPSK | 13.509 | 14.749 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | 16QAM | 13.480 | 14.753 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | QPSK | 13.472 | 14.846 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | 16QAM | 13.450 | 14.874 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | QPSK | 18.001 | 19.546 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | 16QAM | 18.045 | 19.413 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | QPSK | 17.960 | 19.608 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | 16QAM | 18.020 | 19.727 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | QPSK | 17.972 | 19.474 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | 16QAM | 17.971 | 19.710 | PASS |



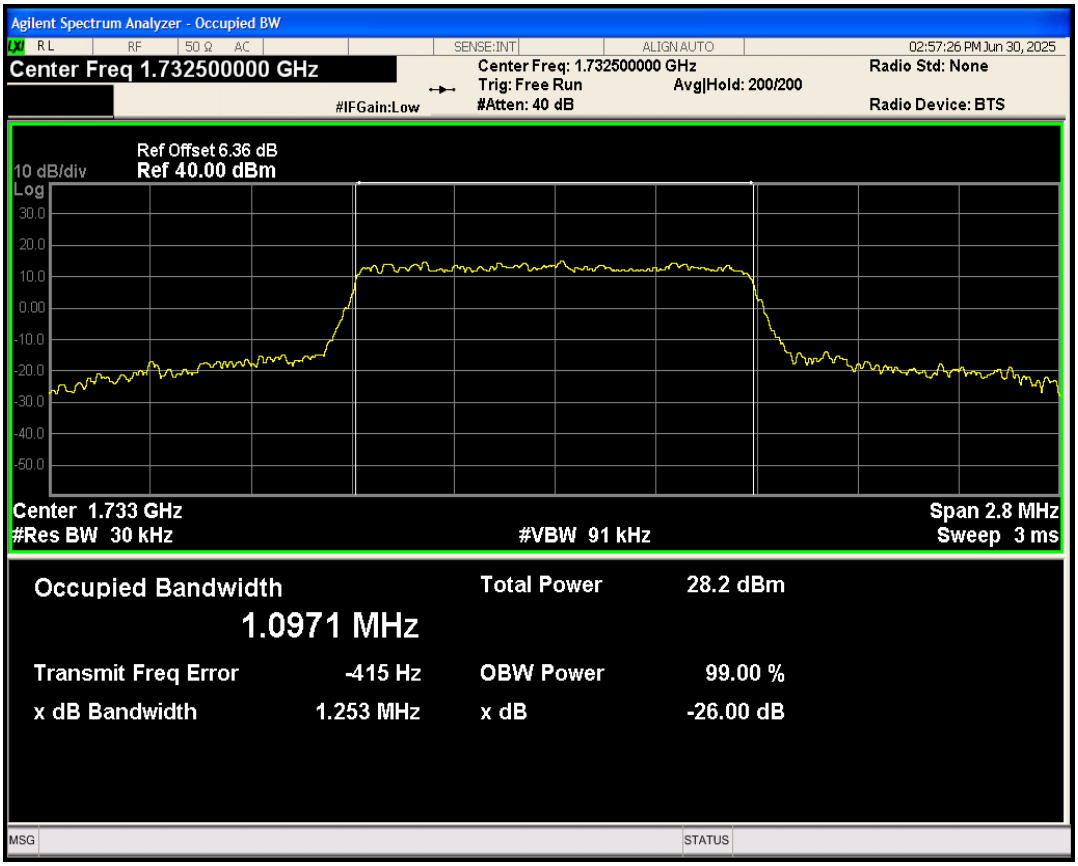

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



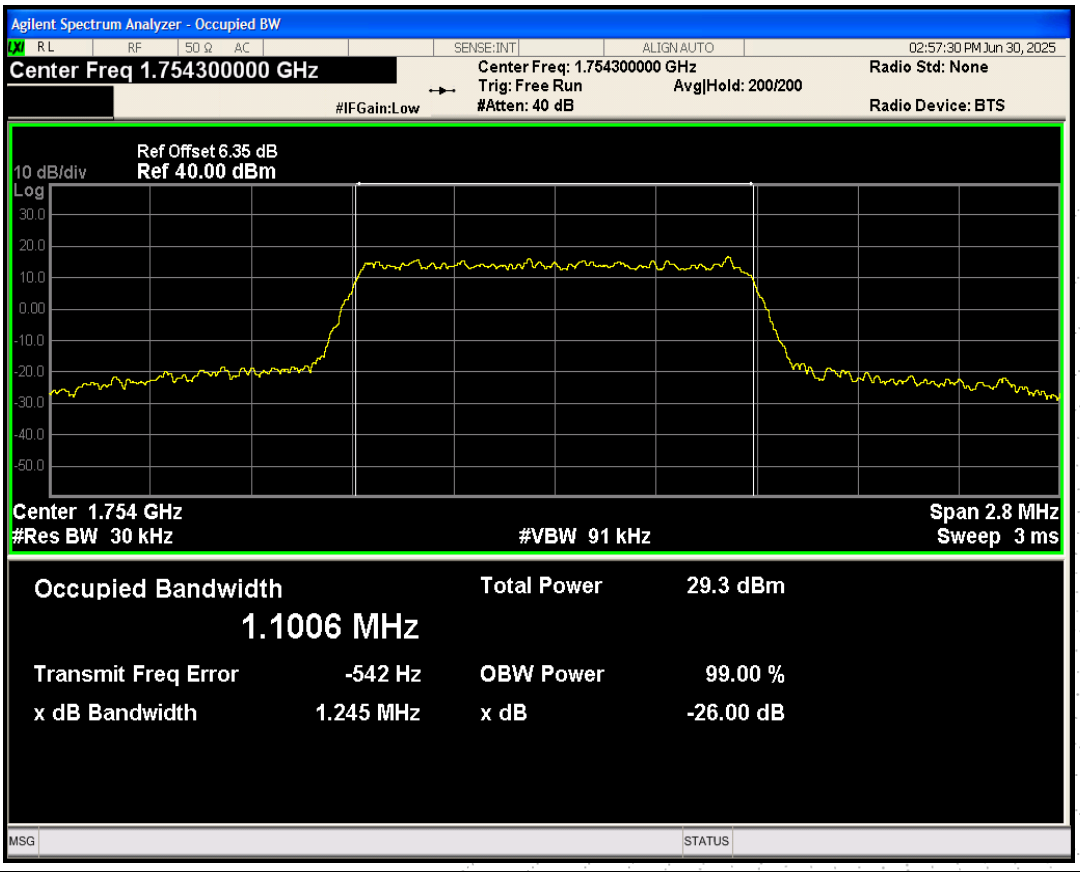
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



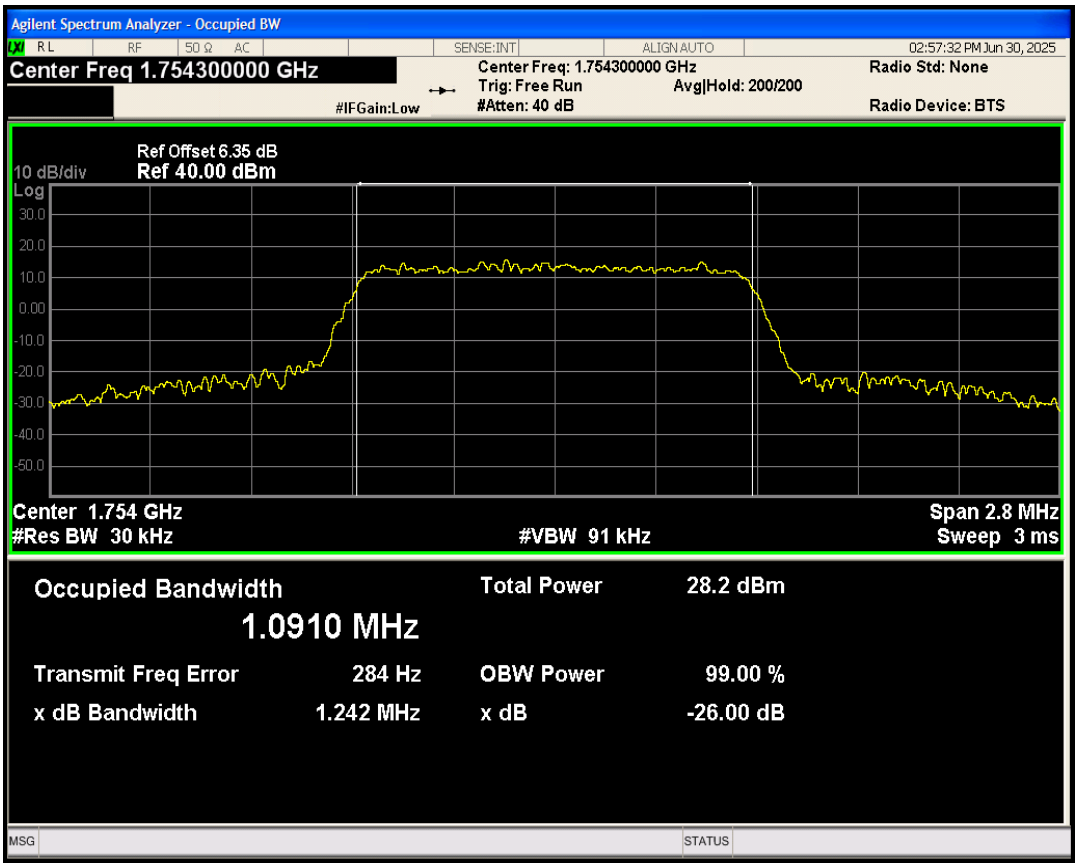

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



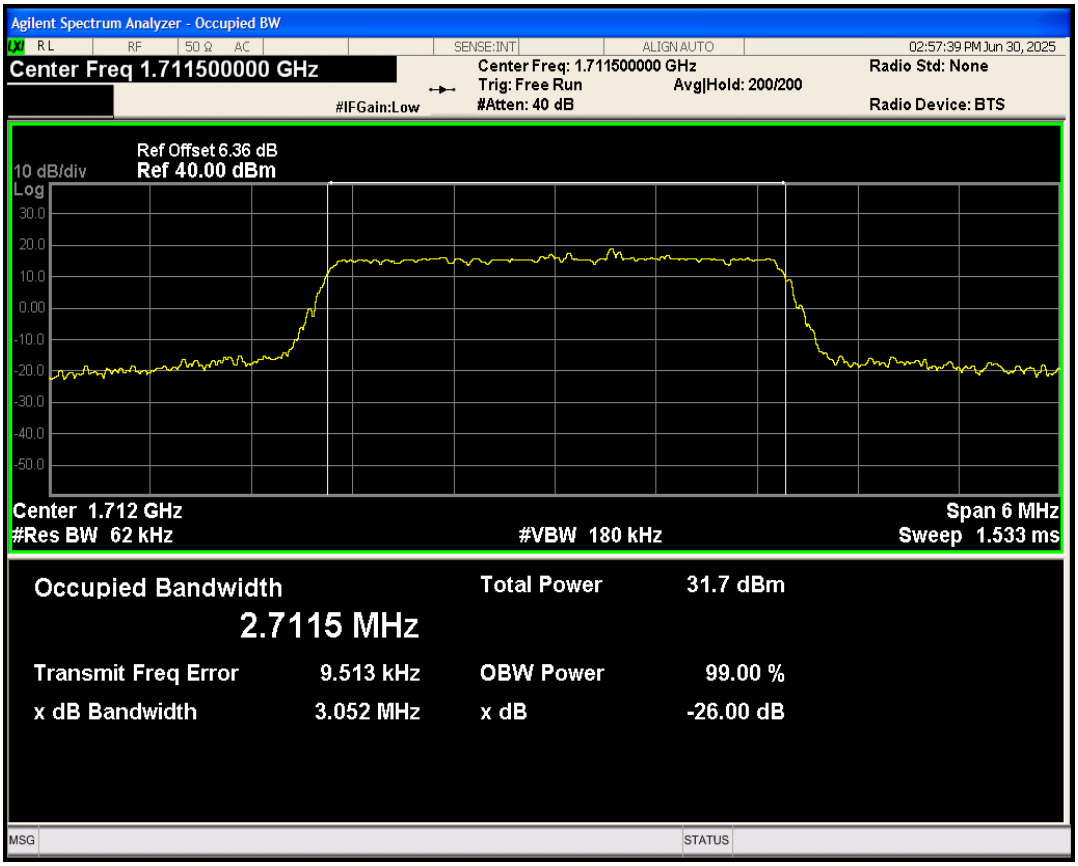

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



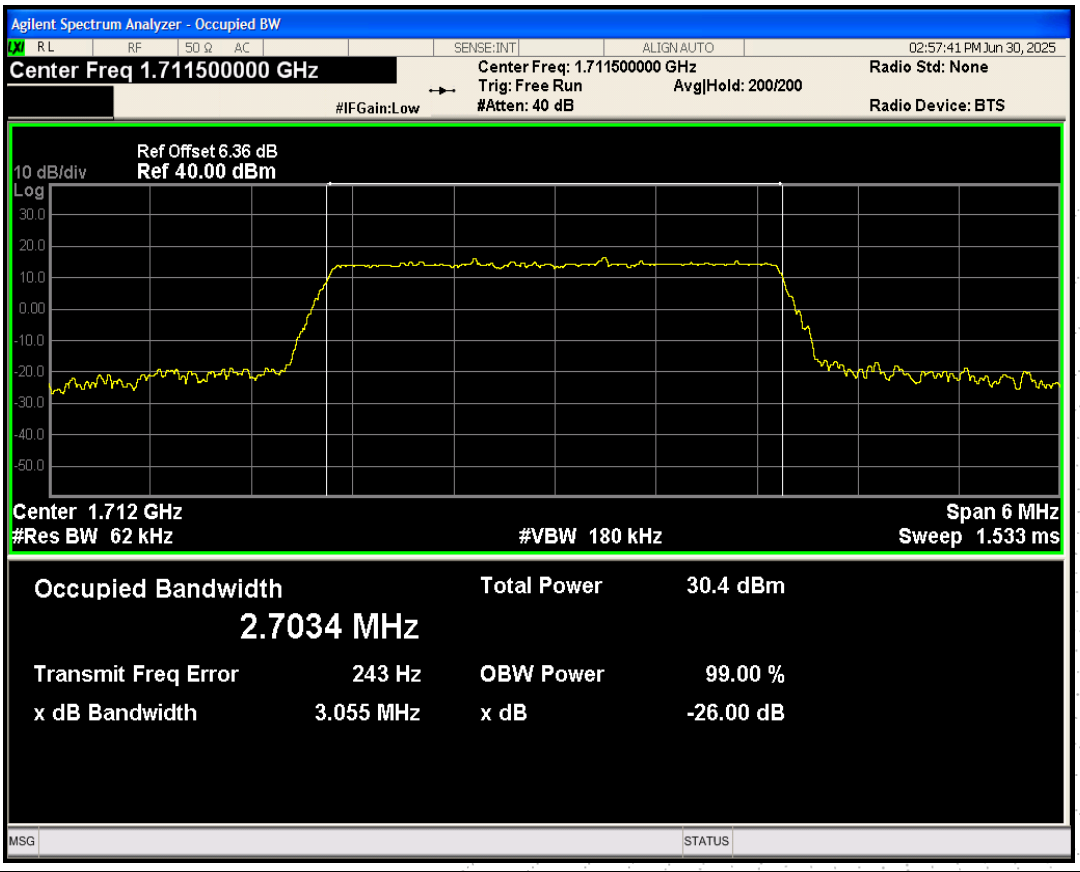
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



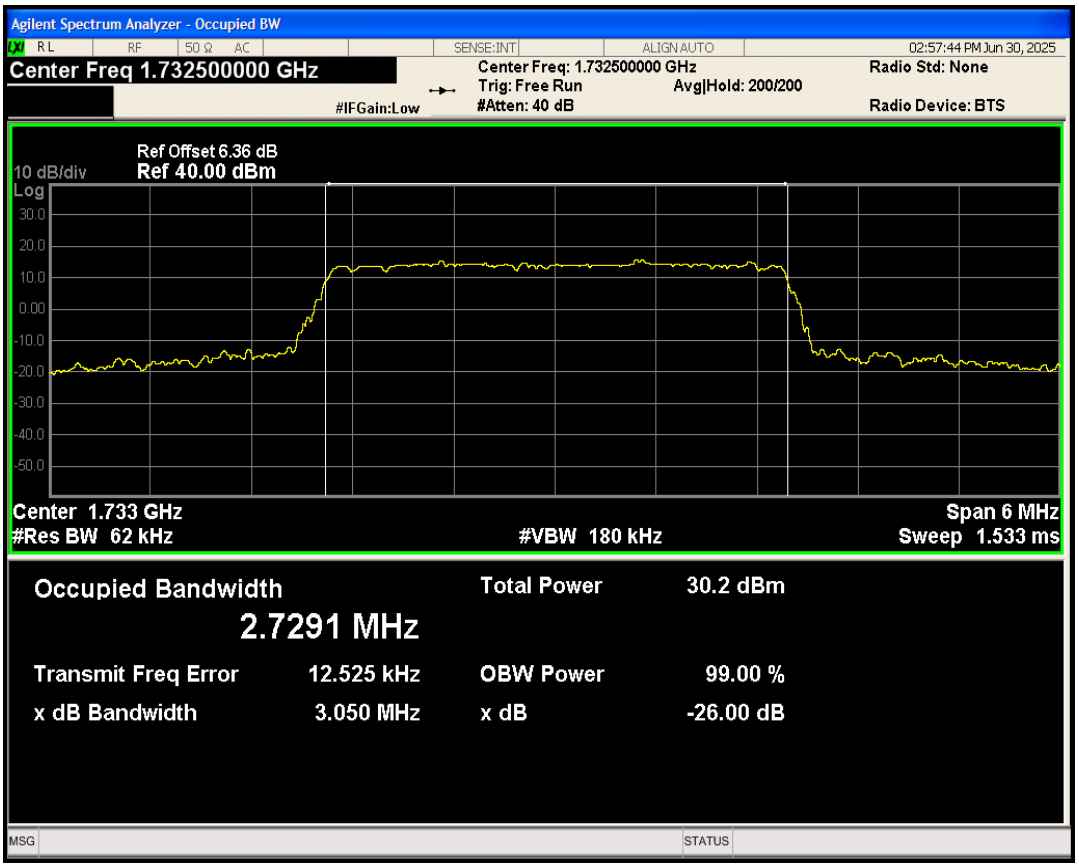

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



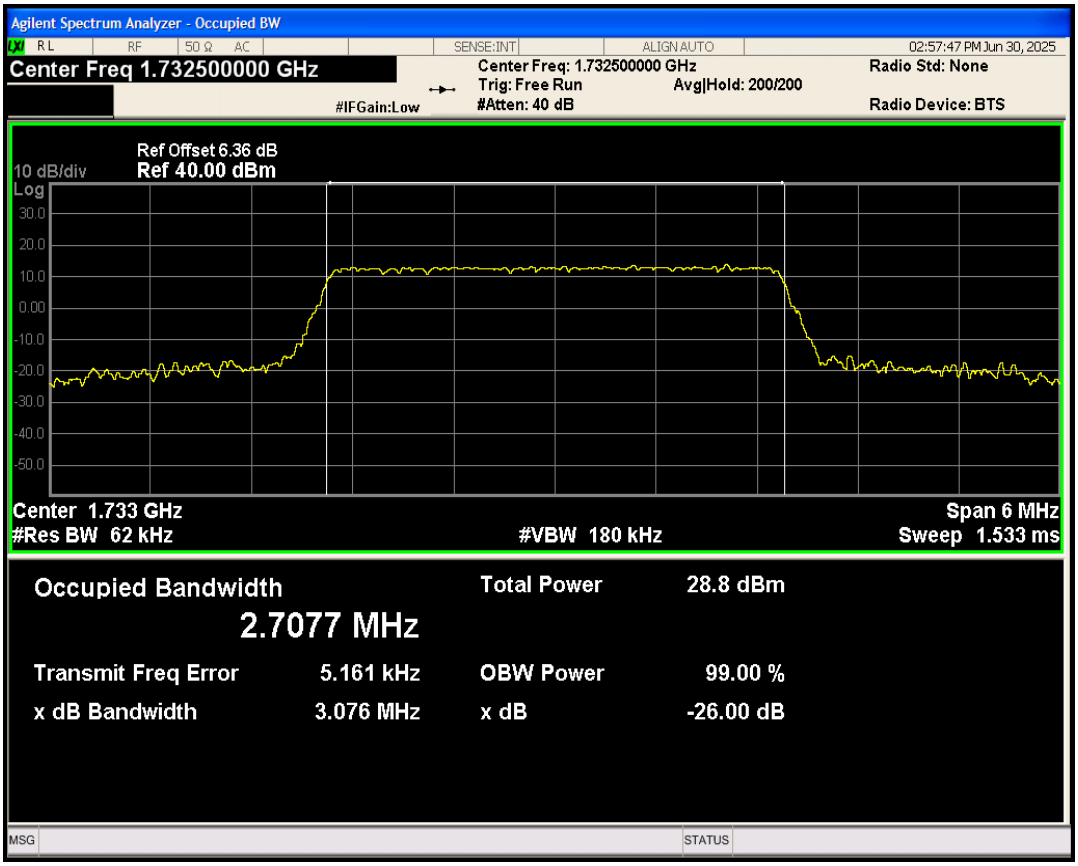

Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



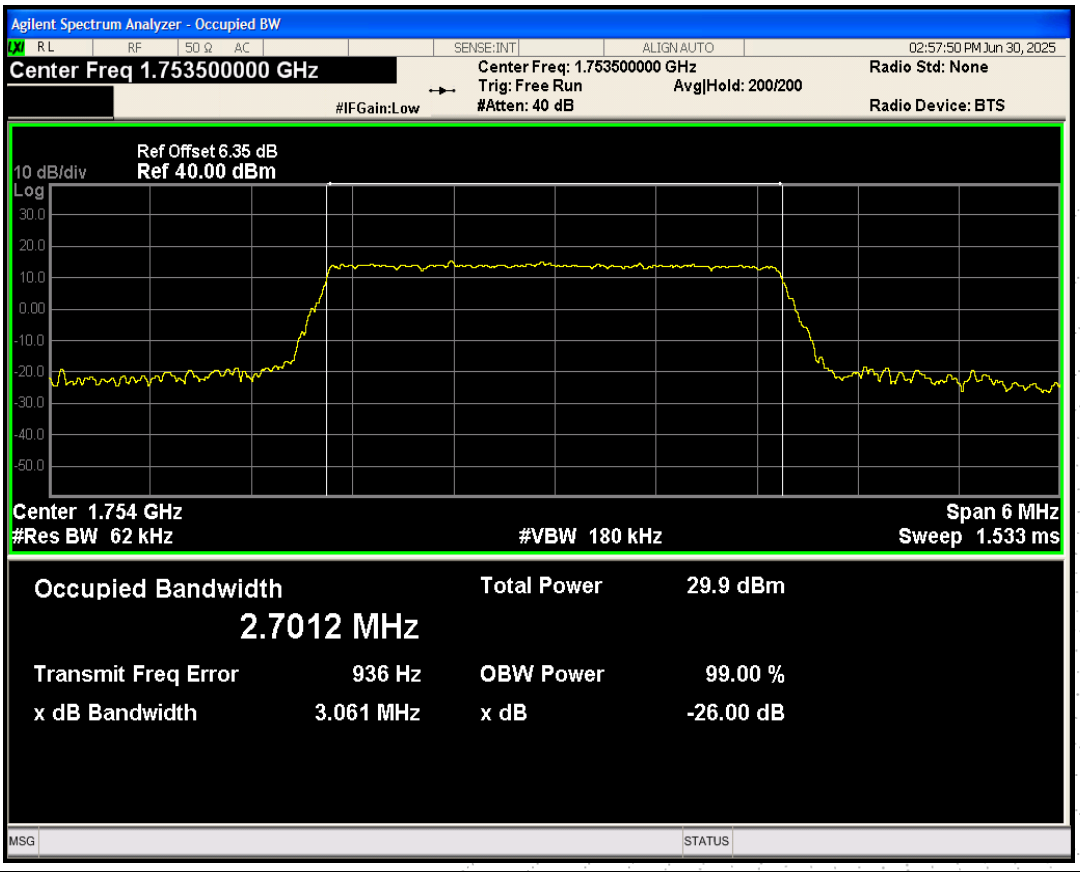
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



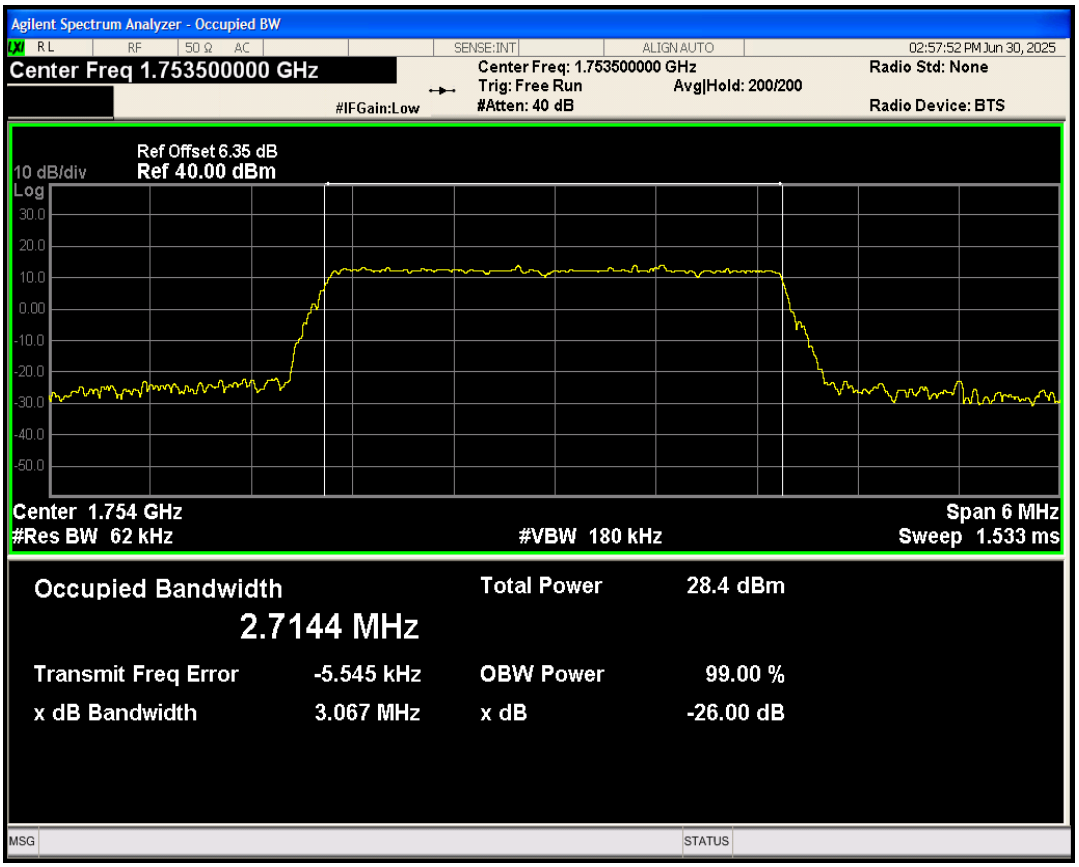

Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



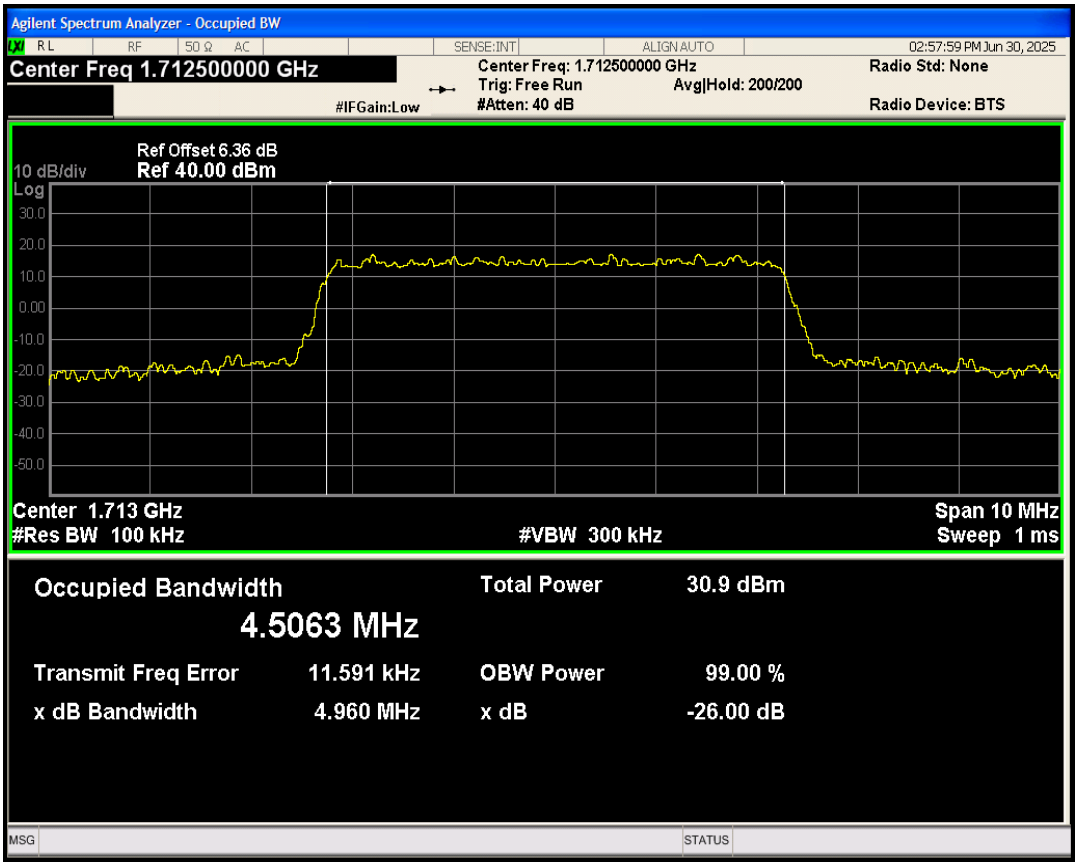

Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



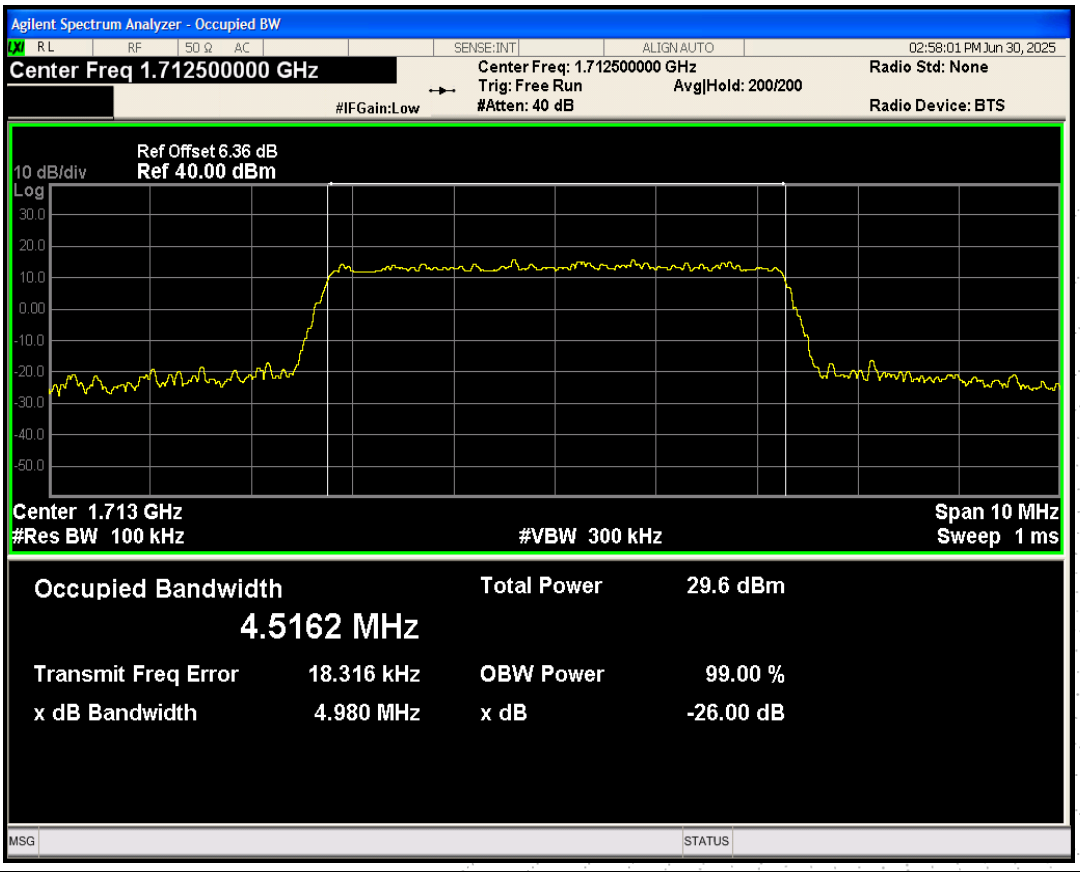
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



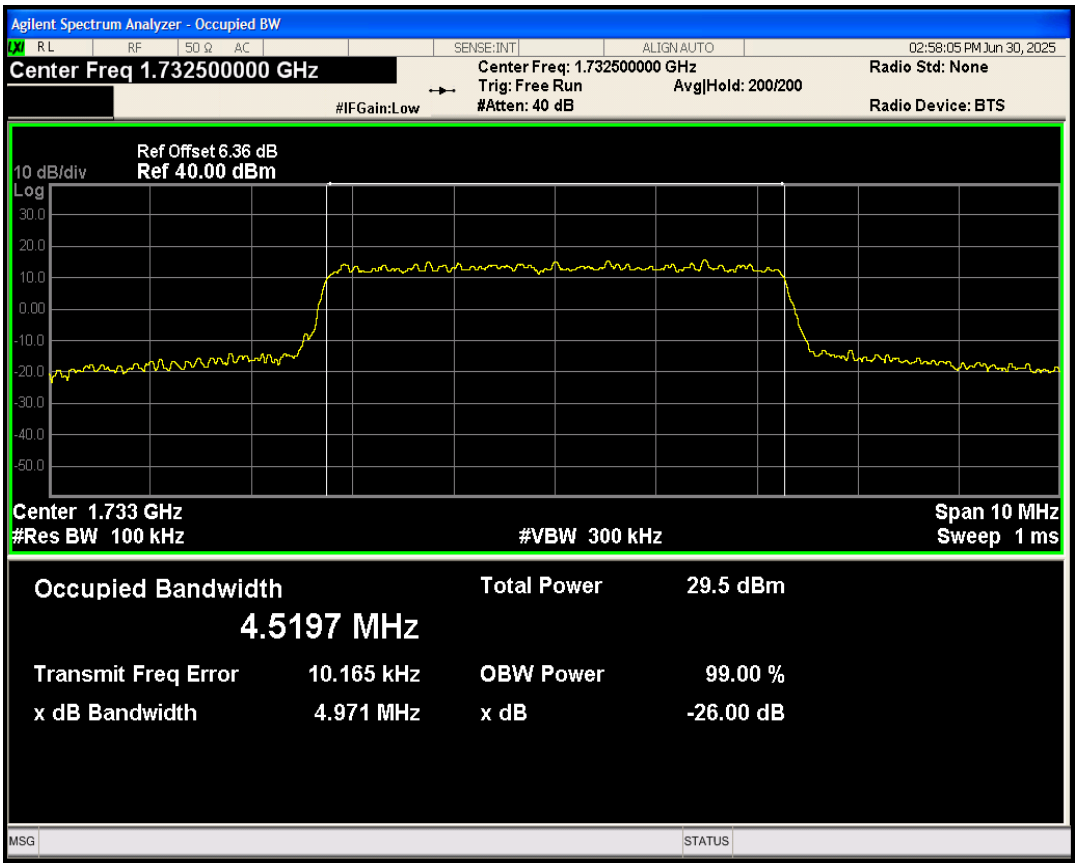

Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



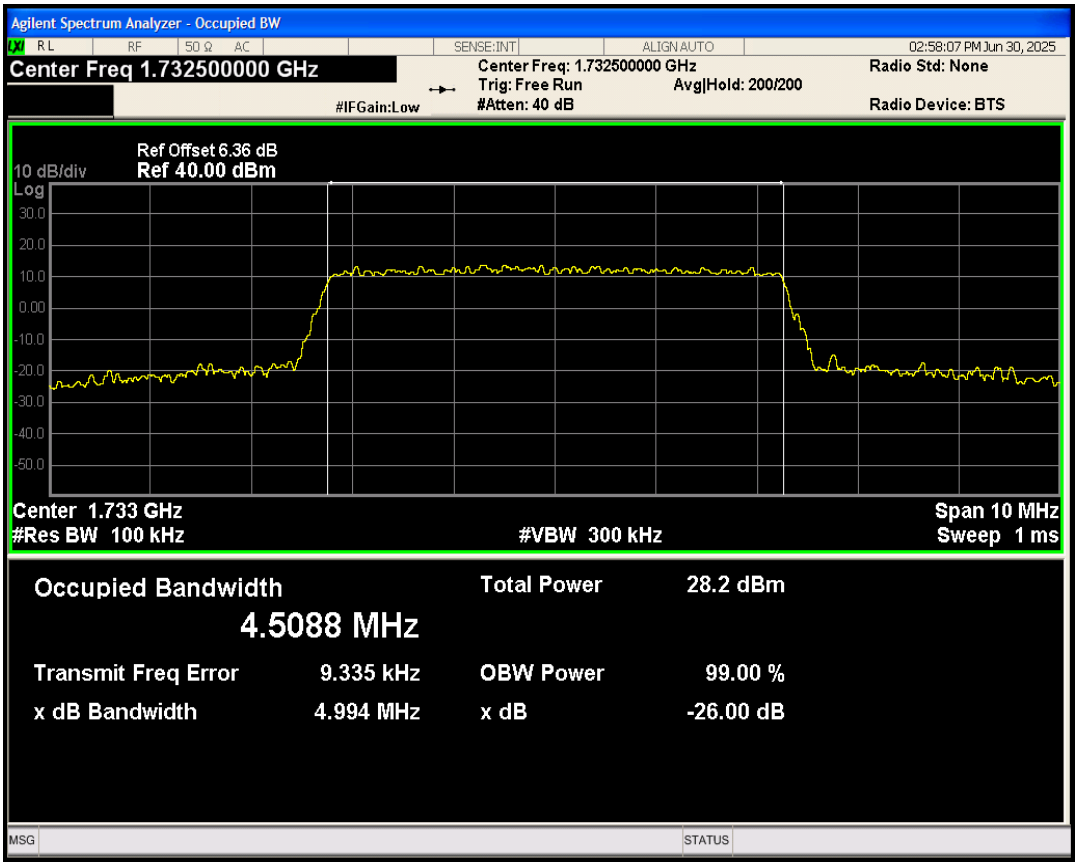

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



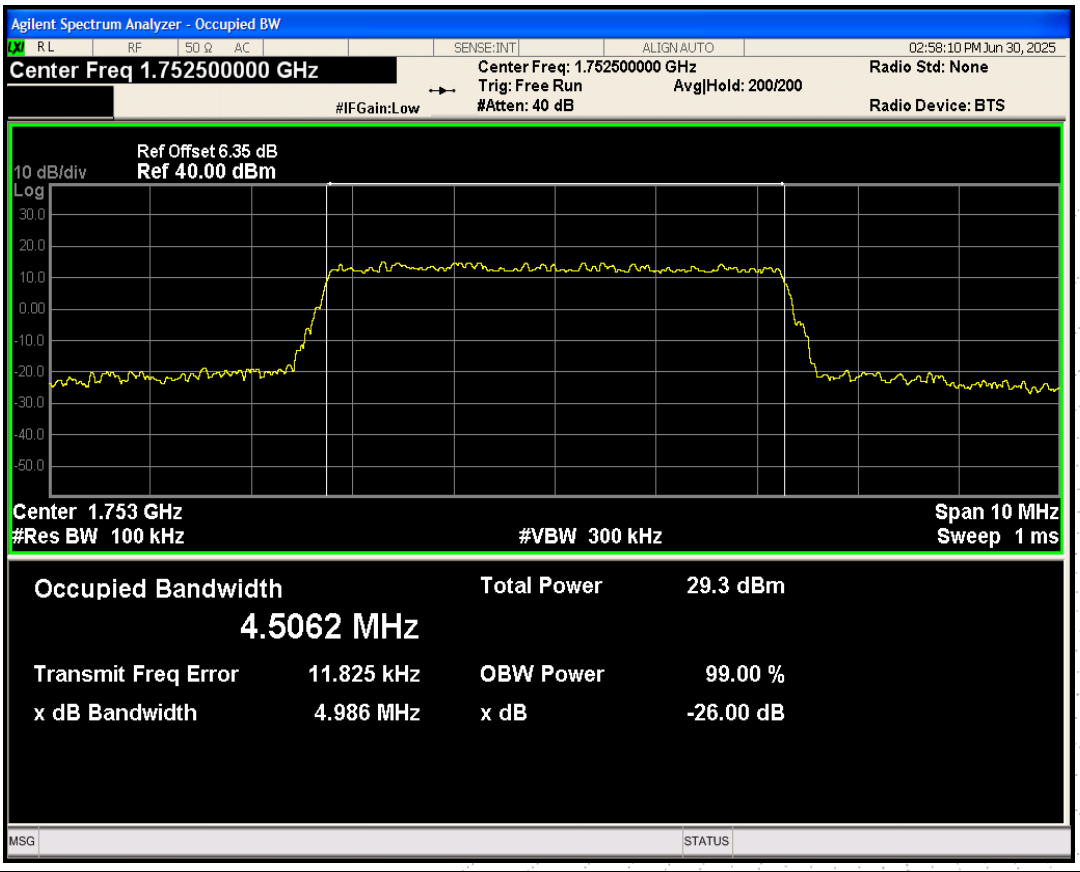
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



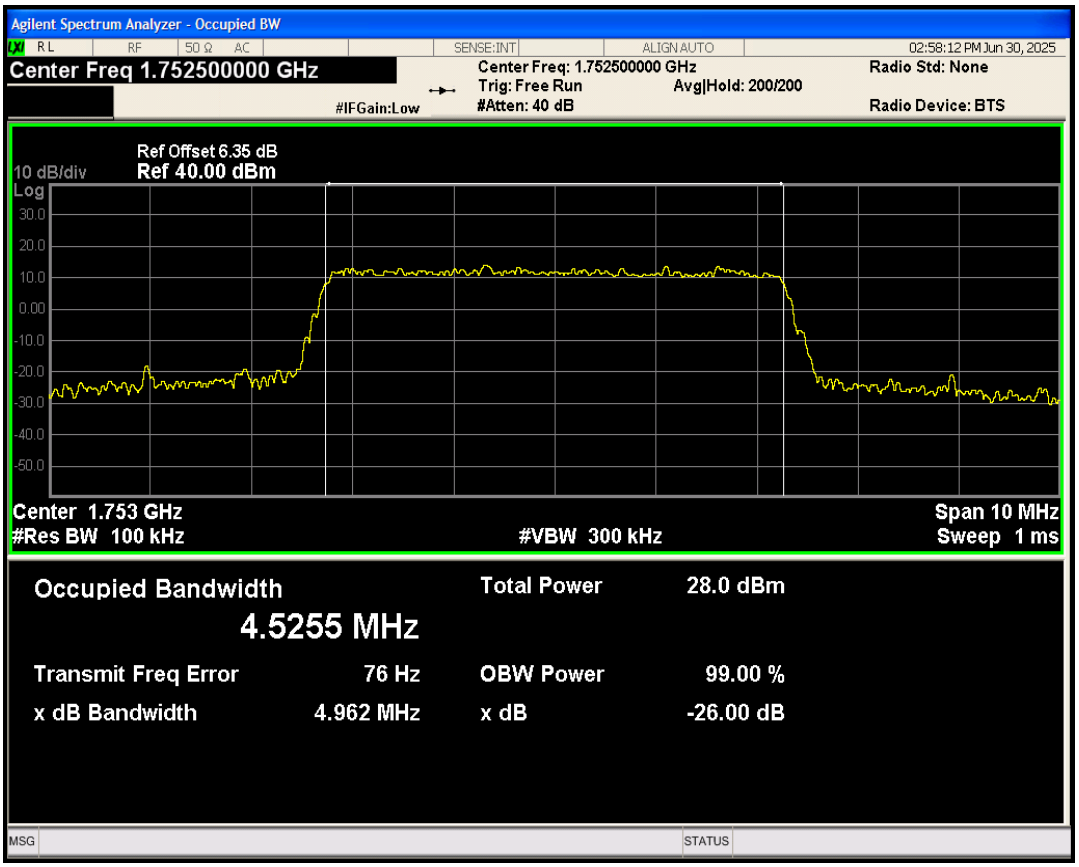

Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



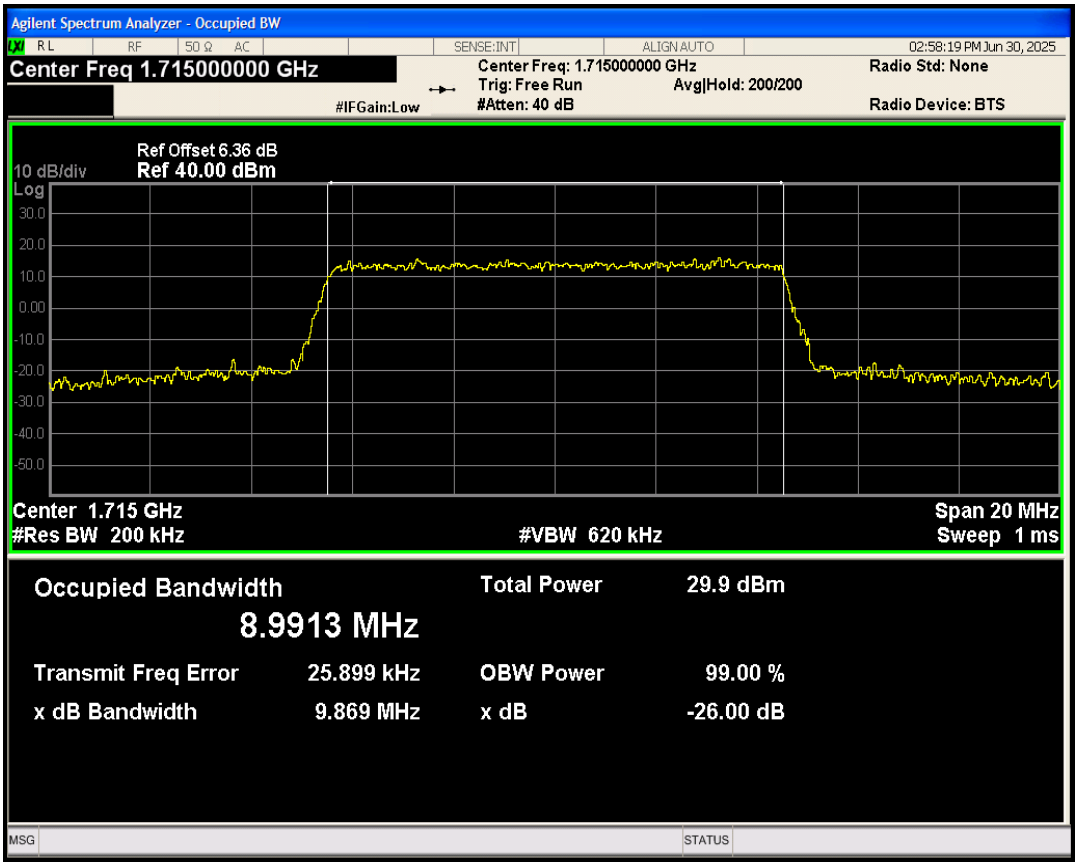

Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



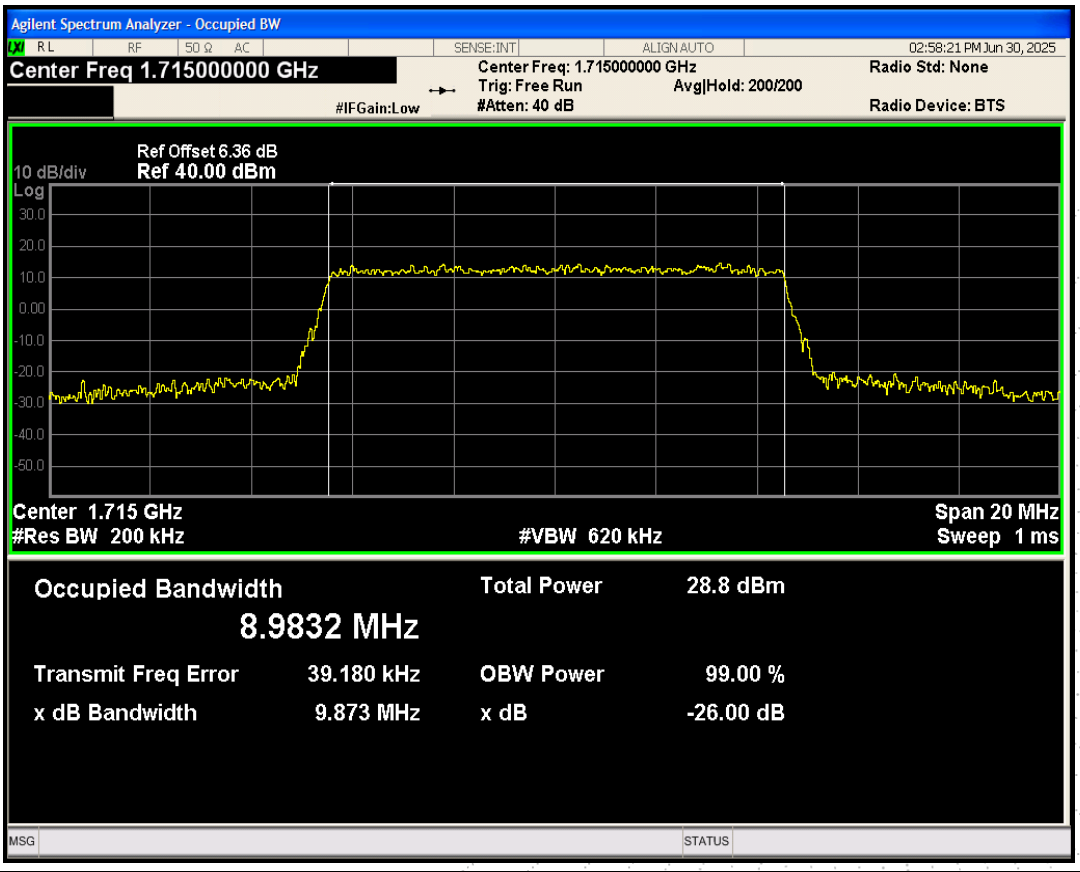
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



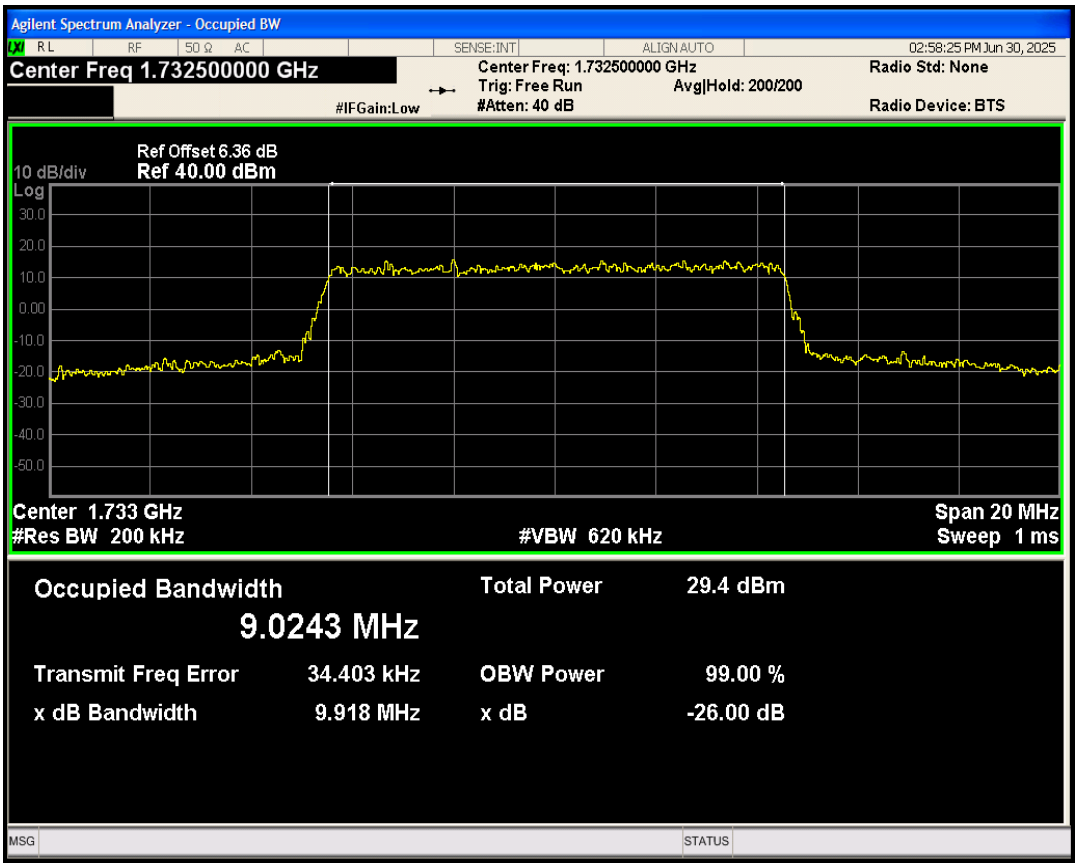

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



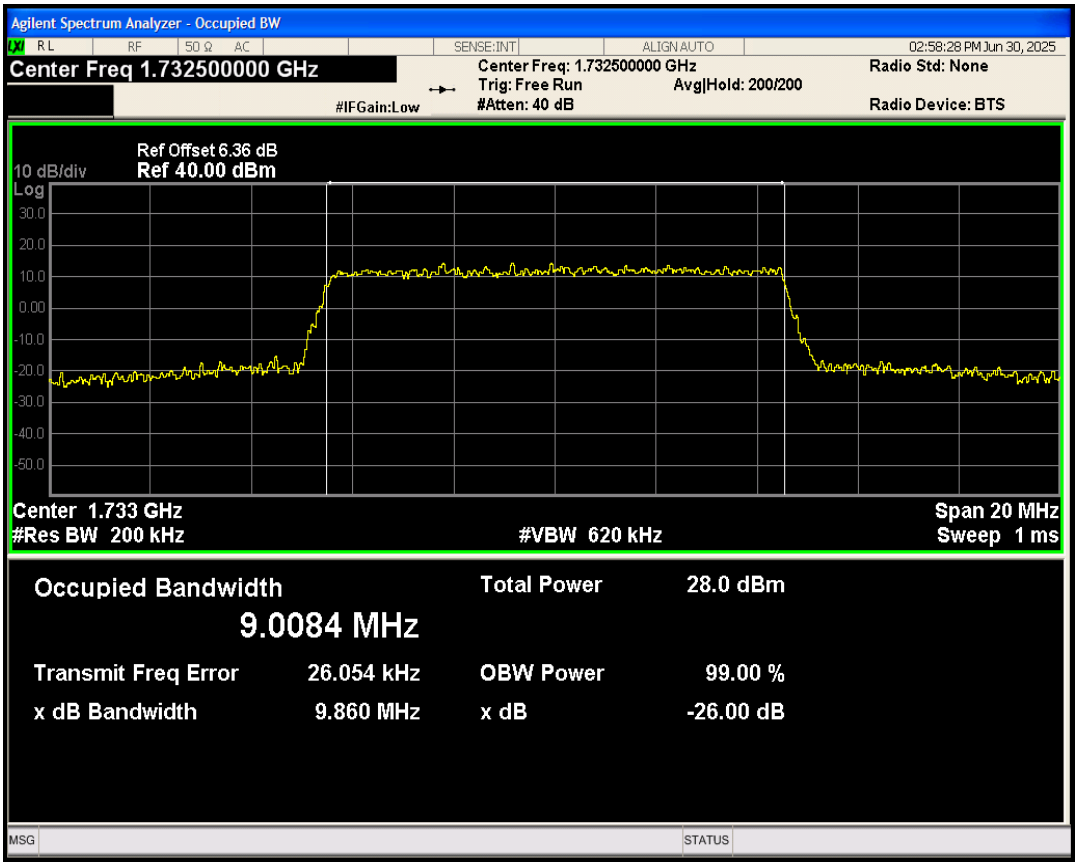

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



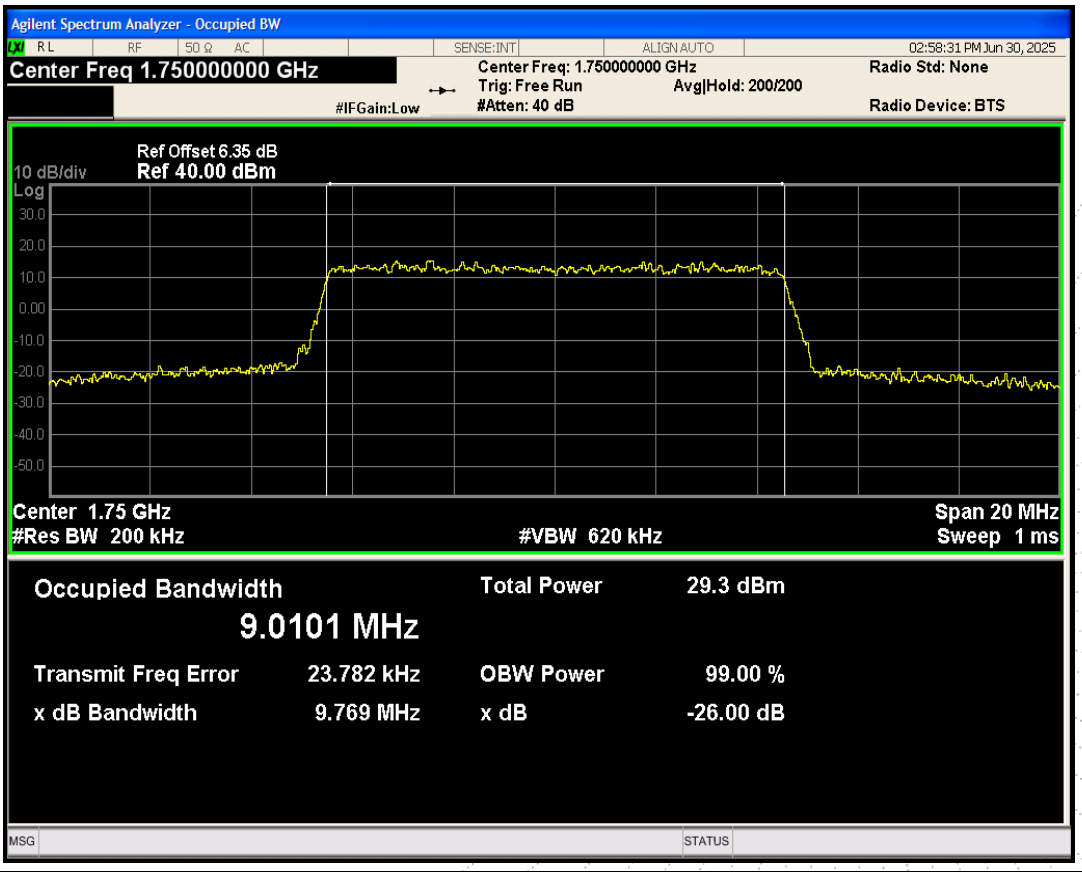
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



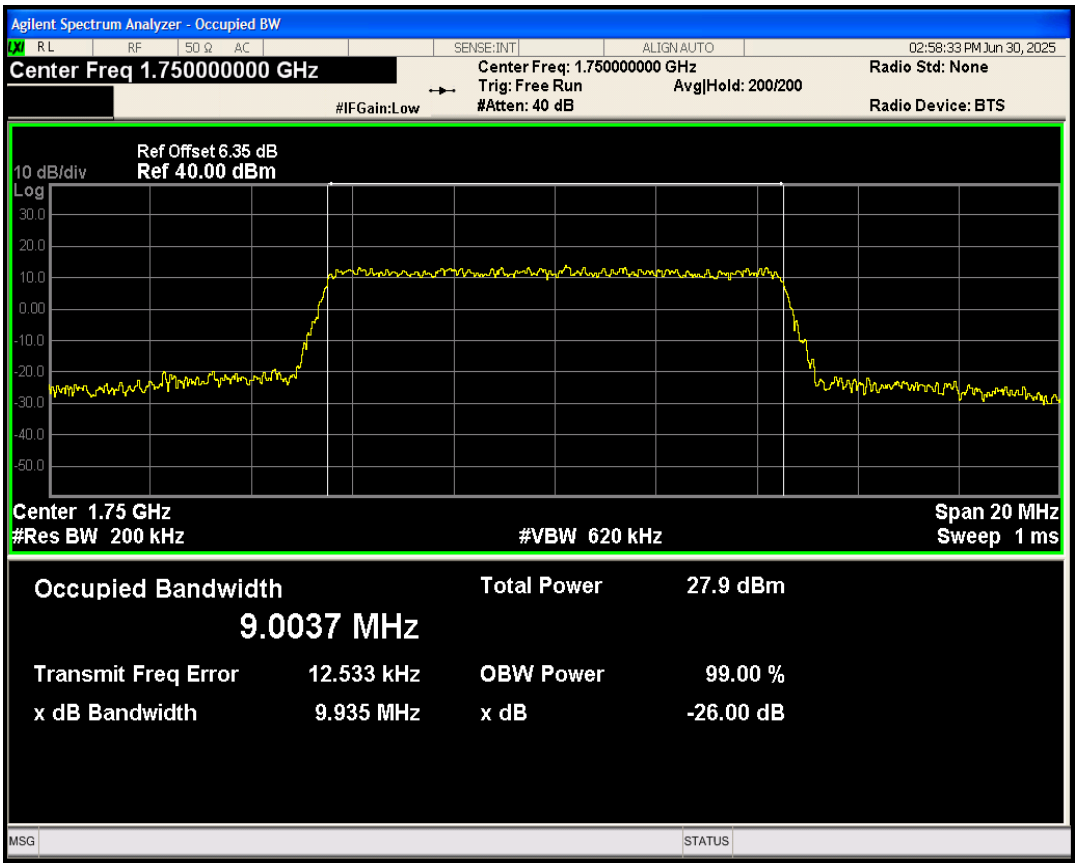

Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



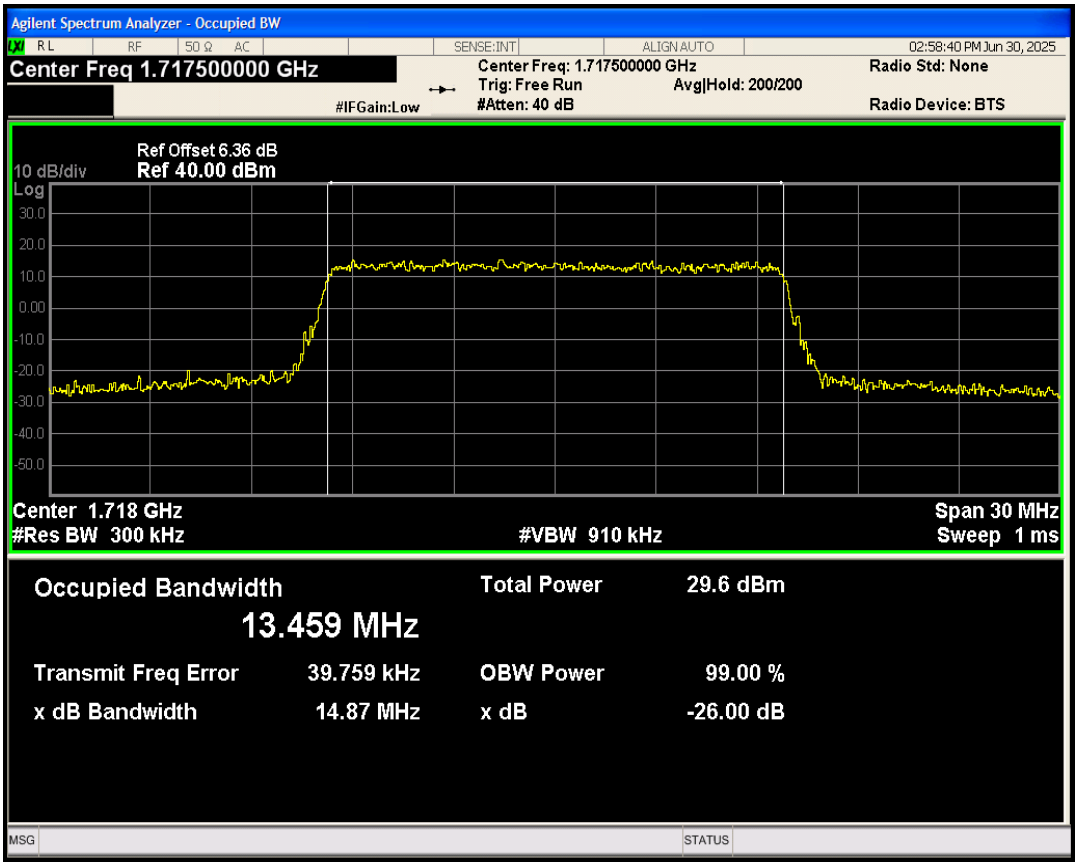

Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



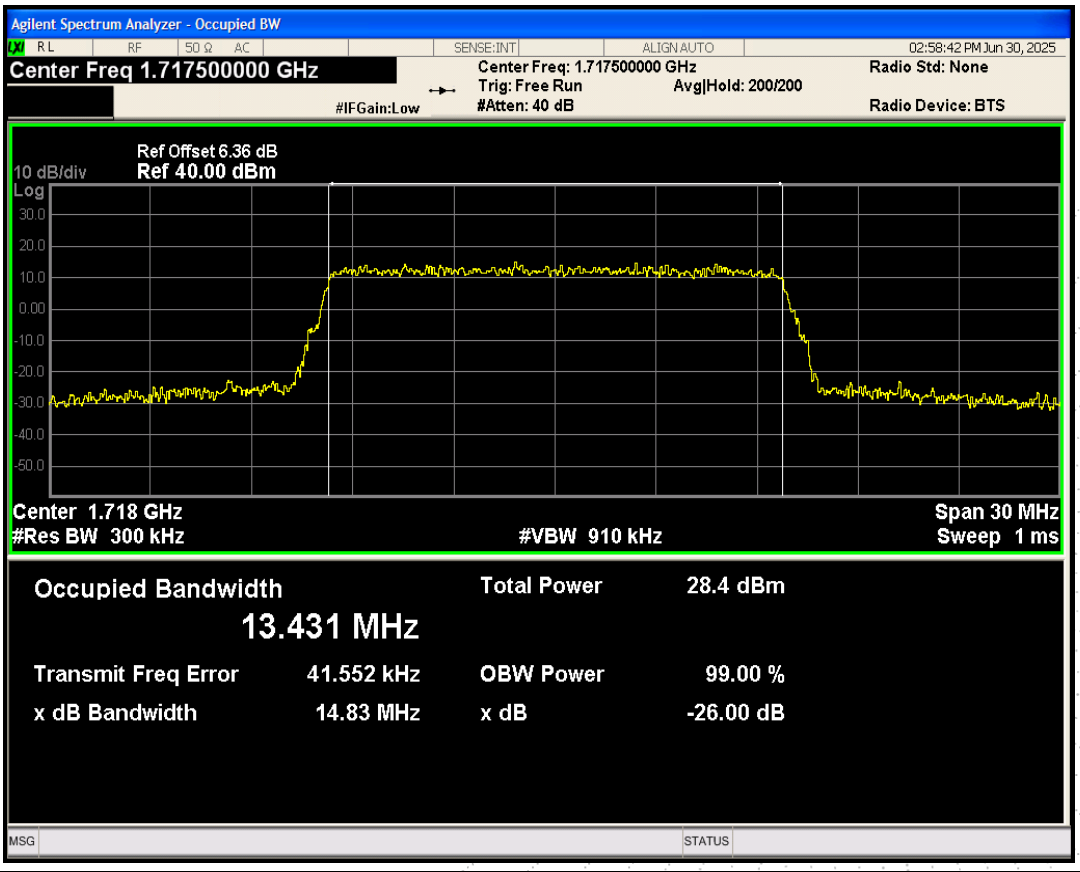
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



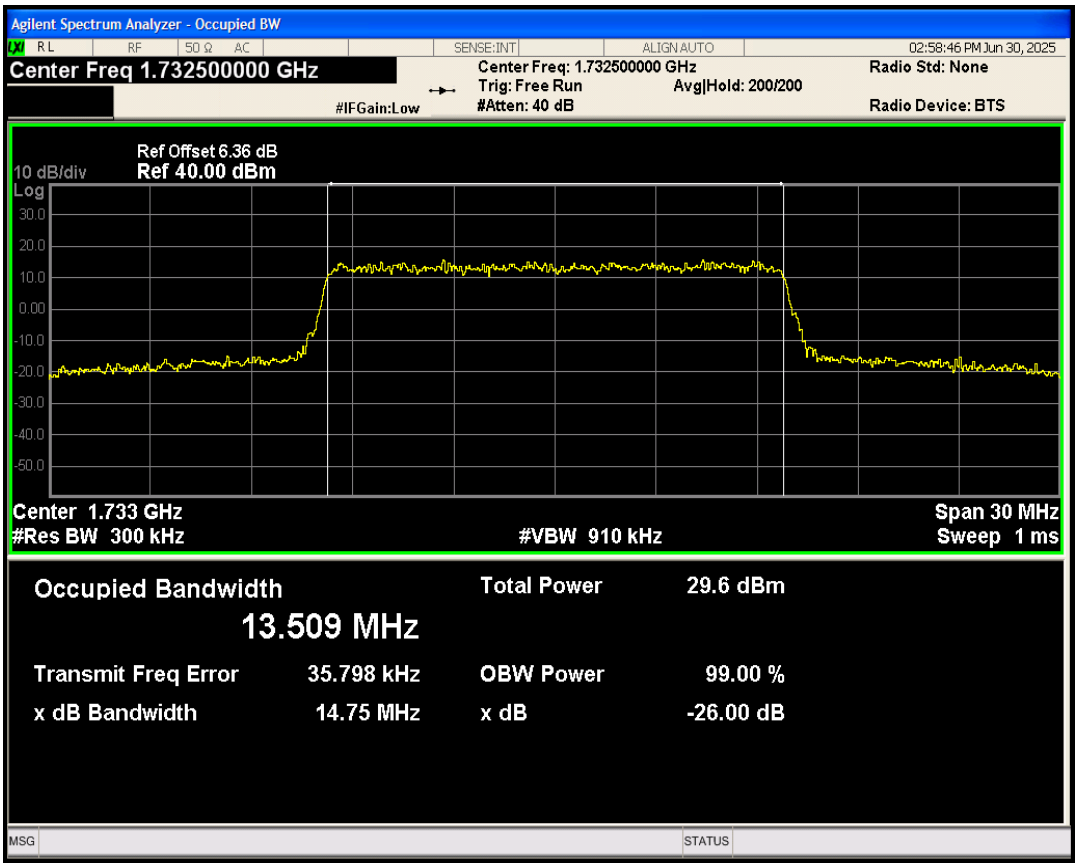

Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



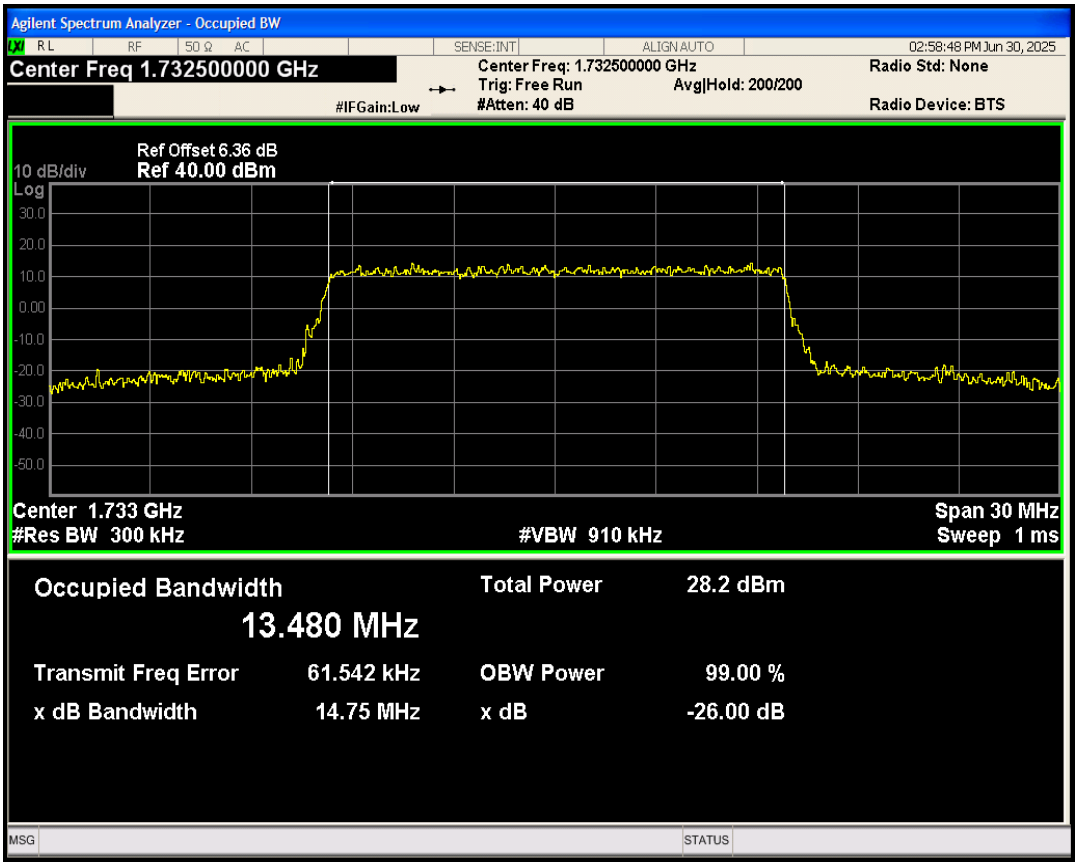

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



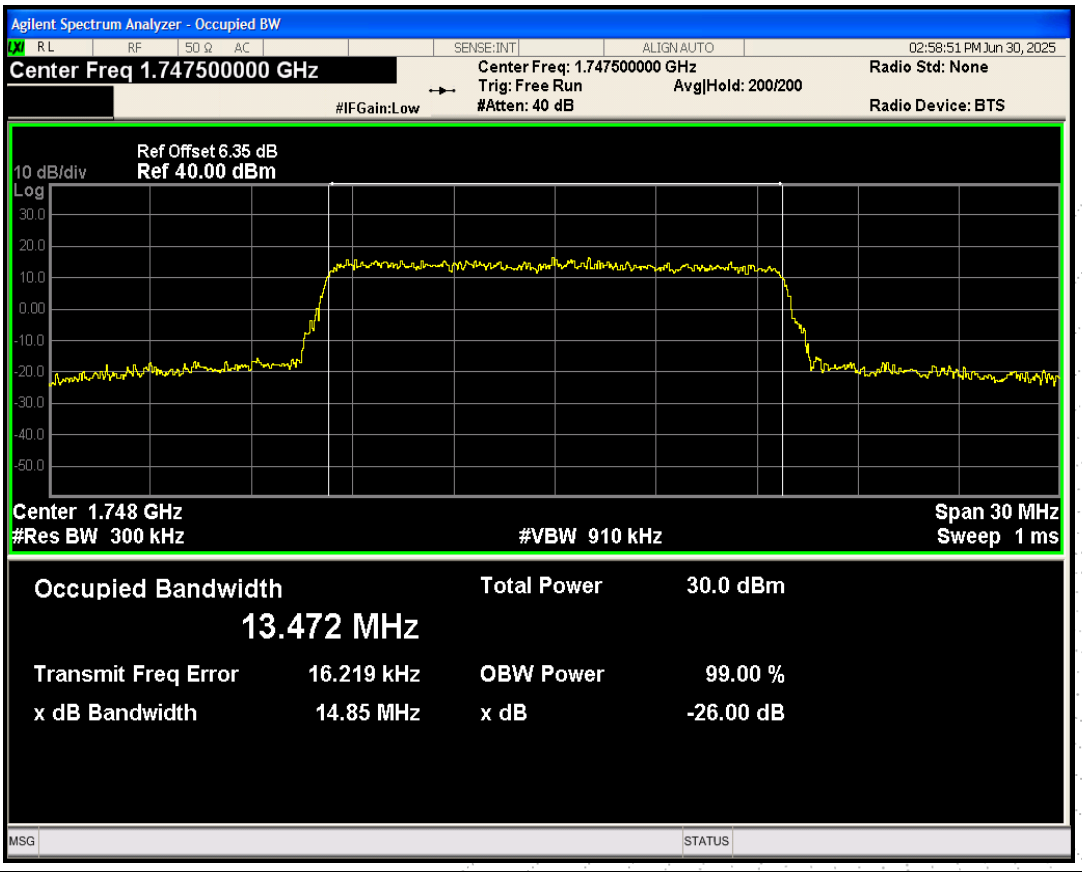
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



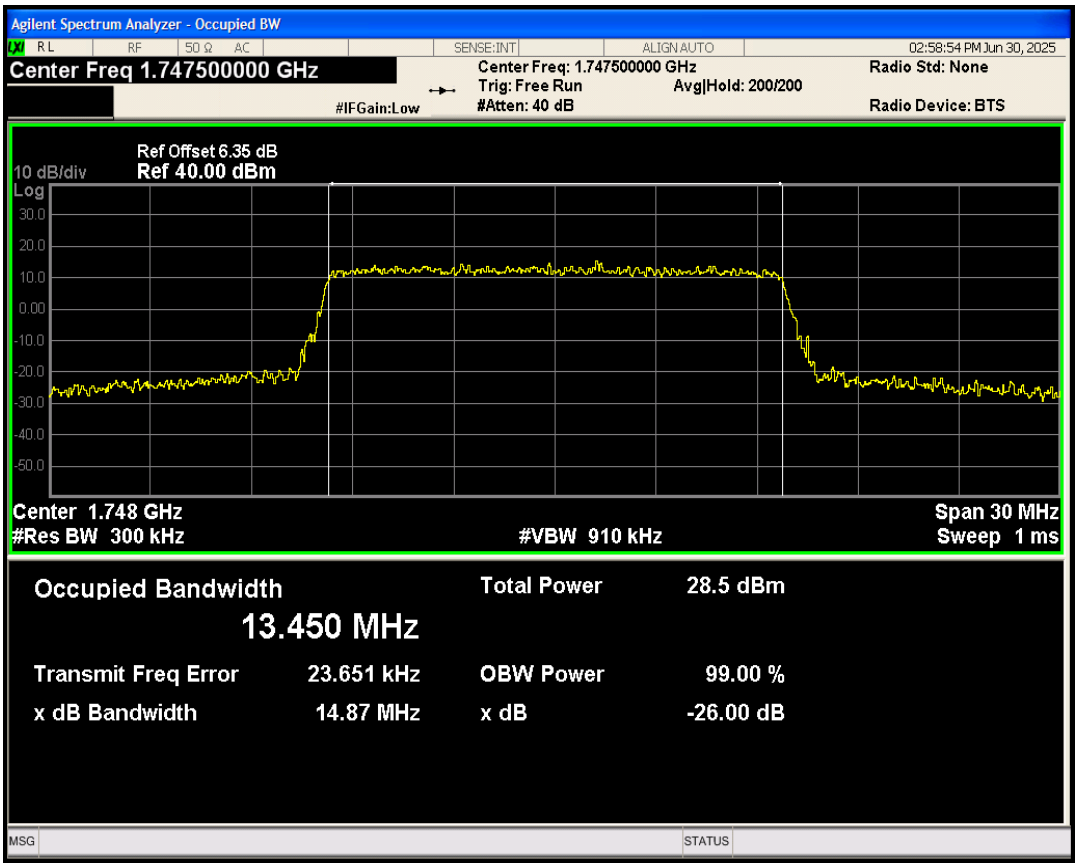

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



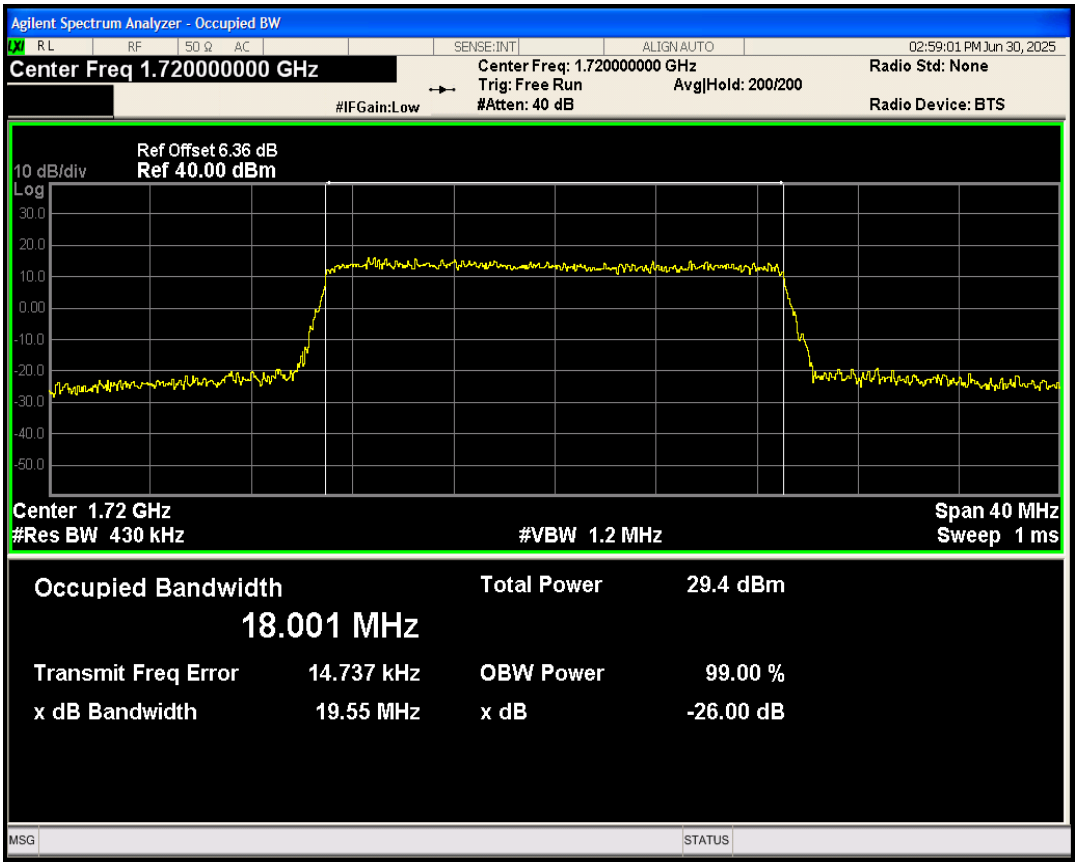

Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



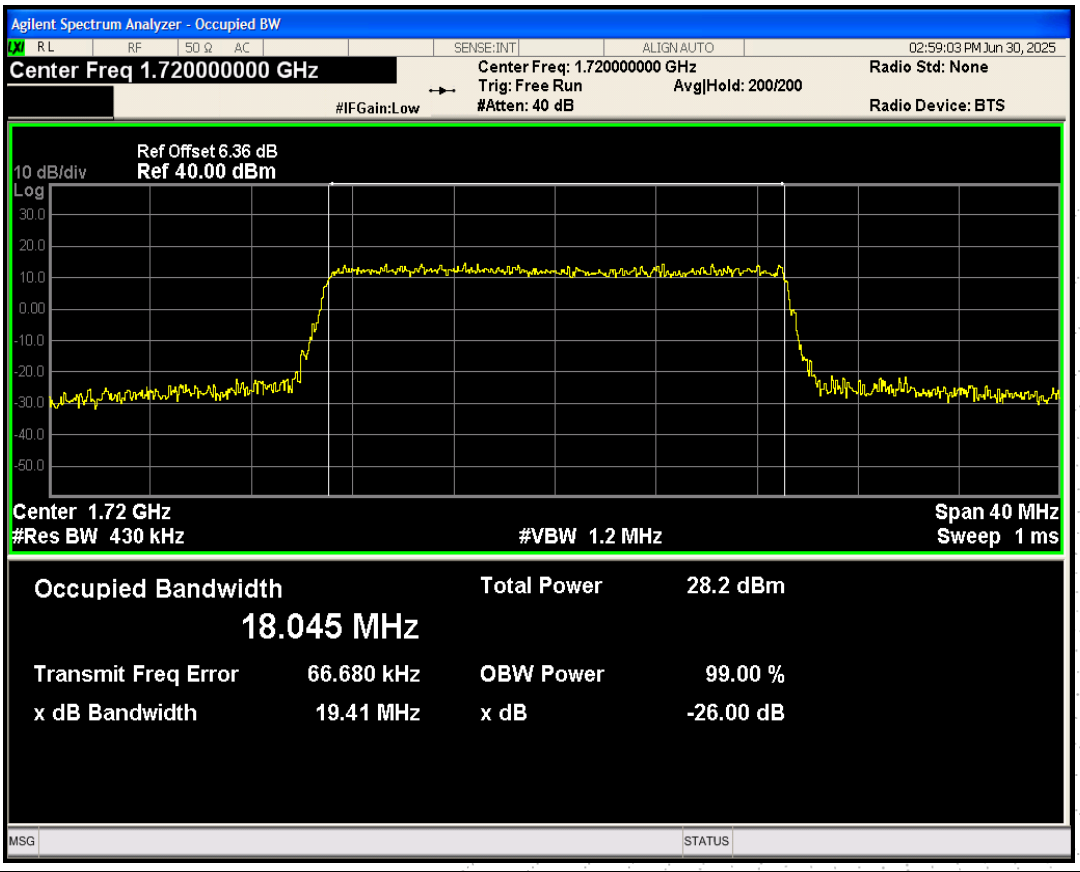
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



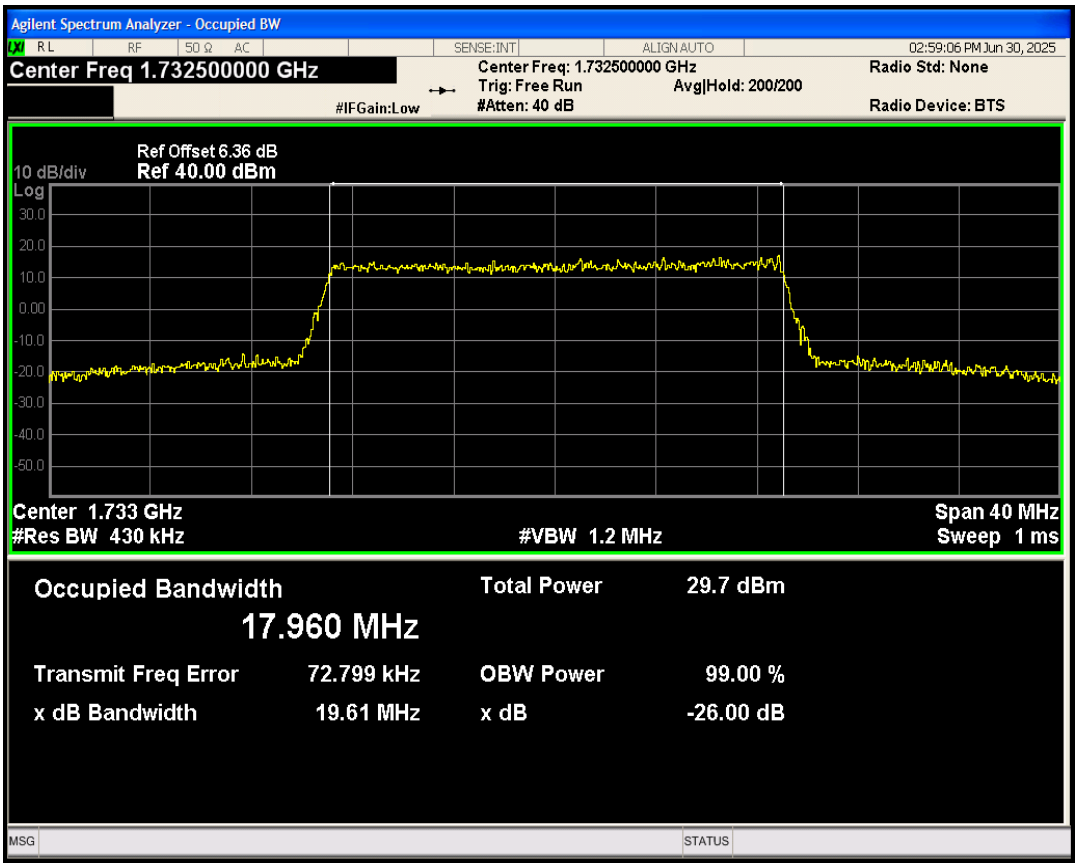

Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



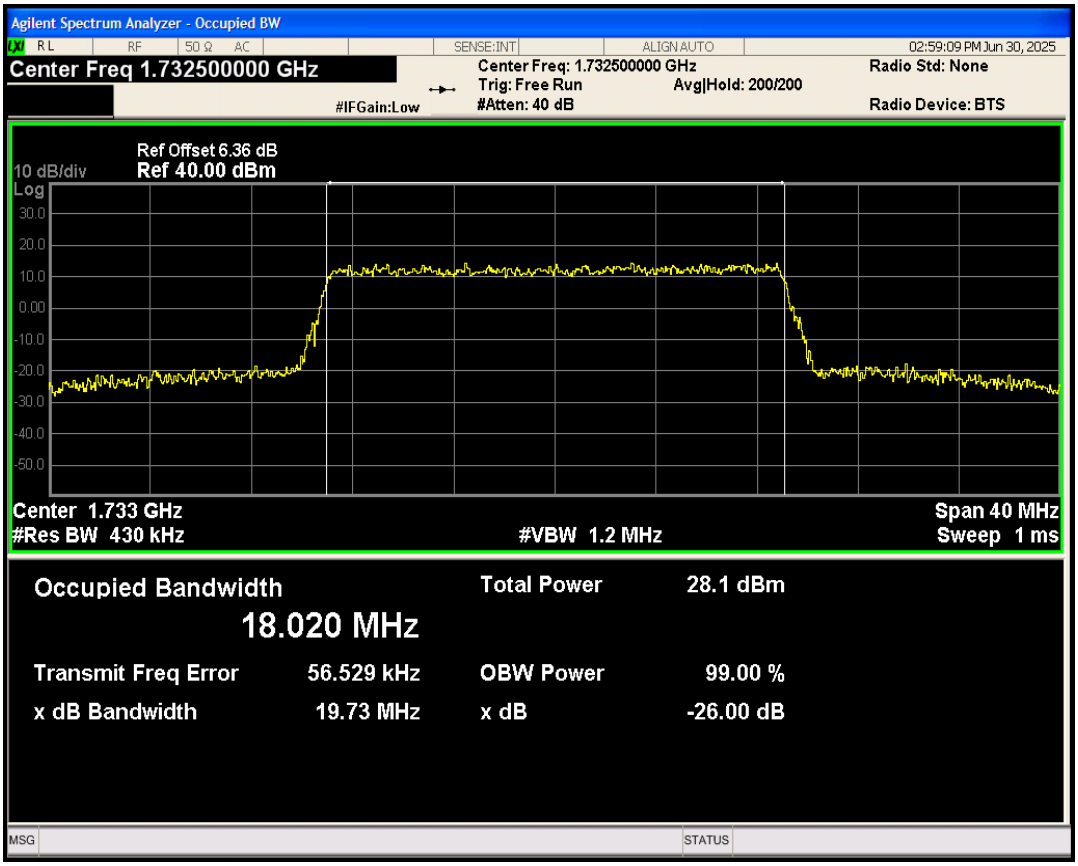

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



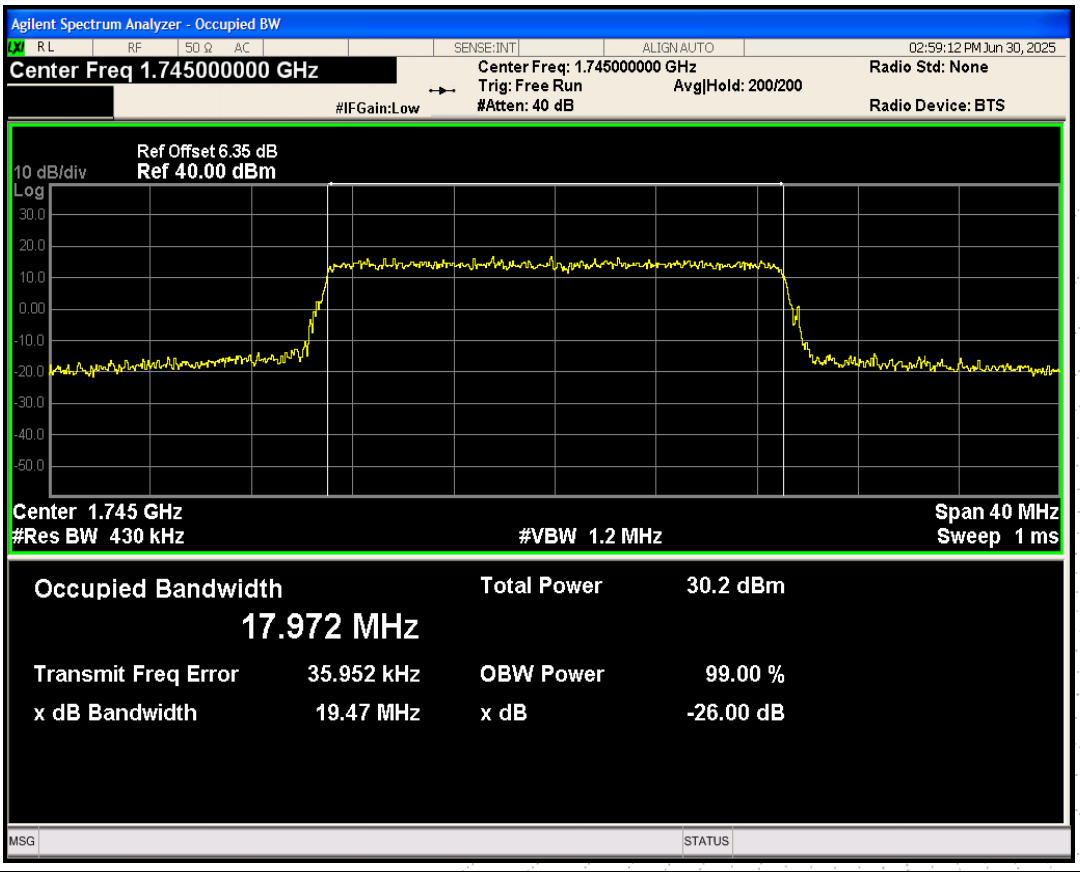
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



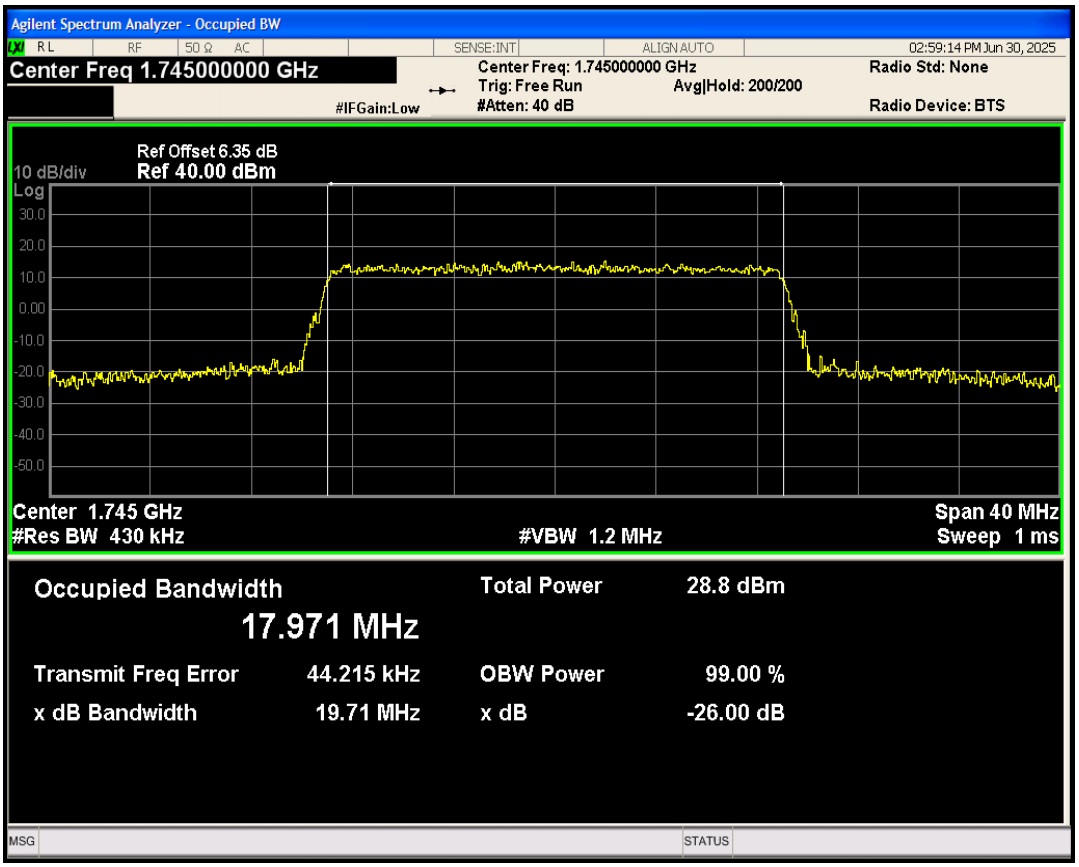

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT




Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



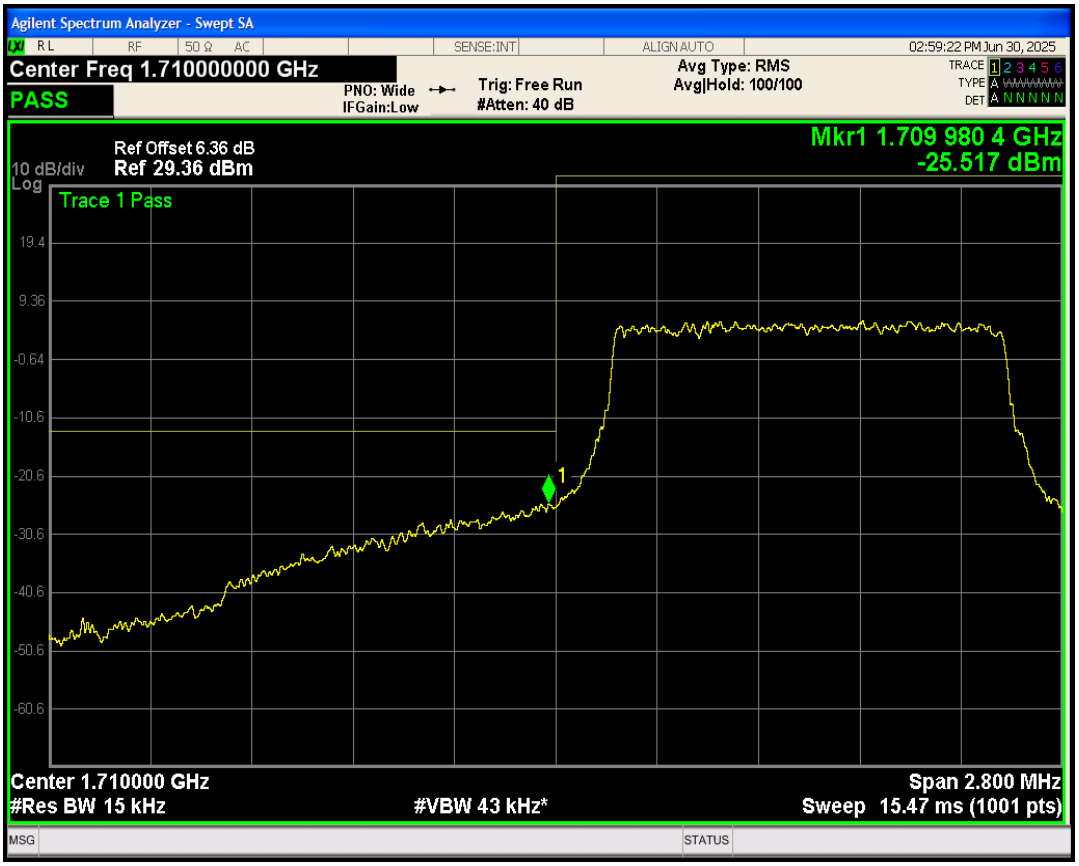
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT



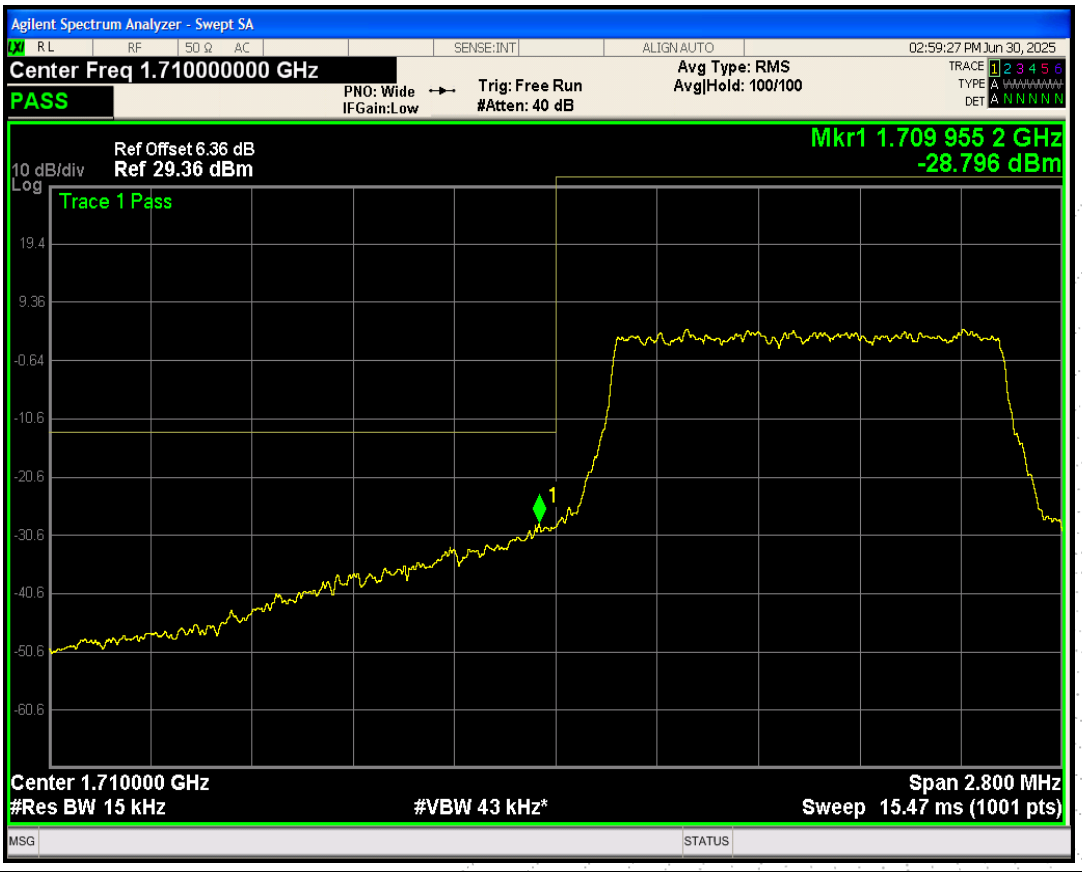

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

# Appendix 5.Band edge

| Condition | Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | QPSK | 1709.98 | -25.51 | -13 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | 16QAM | 1709.96 | -28.79 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | QPSK | 1755.02 | -30.16 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | 16QAM | 1755.01 | -35.65 | -13 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | QPSK | 1710.00 | -21.77 | -13 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | 16QAM | 1710.00 | -25.67 | -13 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | QPSK | 1755.00 | -25.12 | -13 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | 16QAM | 1755.00 | -26.78 | -13 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | QPSK | 1710.00 | -25.82 | -13 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | 16QAM | 1710.00 | -30.19 | -13 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | QPSK | 1755.00 | -30.33 | -13 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | 16QAM | 1755.00 | -35.17 | -13 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | QPSK | 1709.92 | -30.27 | -13 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | 16QAM | 1710.00 | -34.51 | -13 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | QPSK | 1755.10 | -31.00 | -13 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | 16QAM | 1755.00 | -33.12 | -13 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | QPSK | 1709.85 | -31.82 | -13 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | 16QAM | 1710.00 | -34.46 | -13 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | QPSK | 1755.69 | -28.00 | -13 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | 16QAM | 1755.03 | -33.08 | -13 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | QPSK | 1709.32 | -34.20 | -13 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | 16QAM | 1709.92 | -36.46 | -13 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | QPSK | 1756.16 | -28.27 | -13 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | 16QAM | 1755.08 | -34.38 | -13 | PASS |



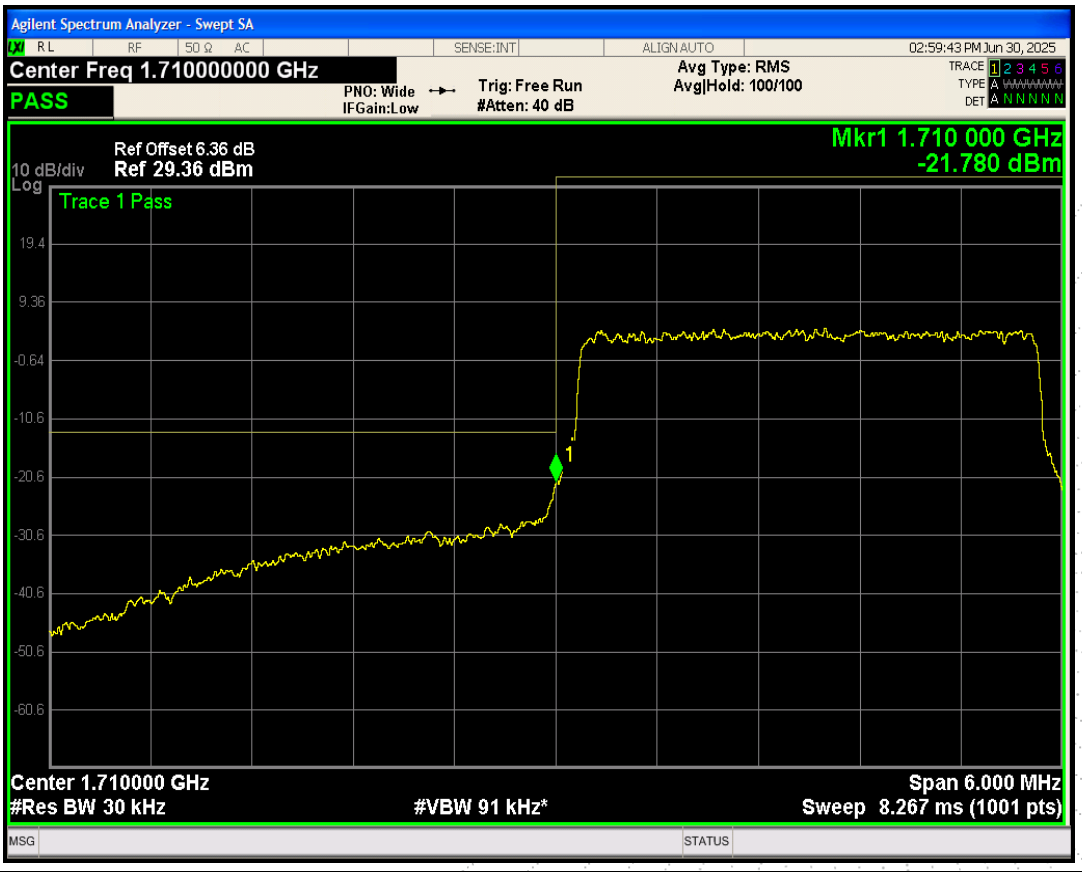

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



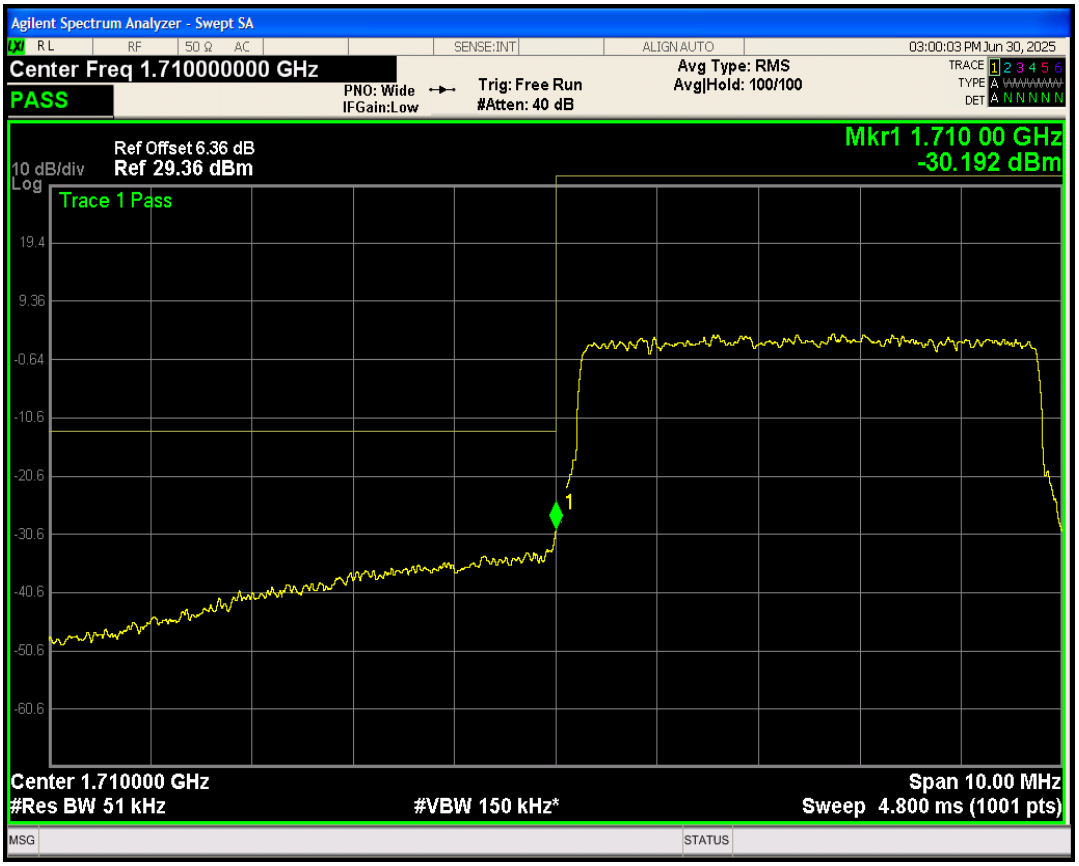
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

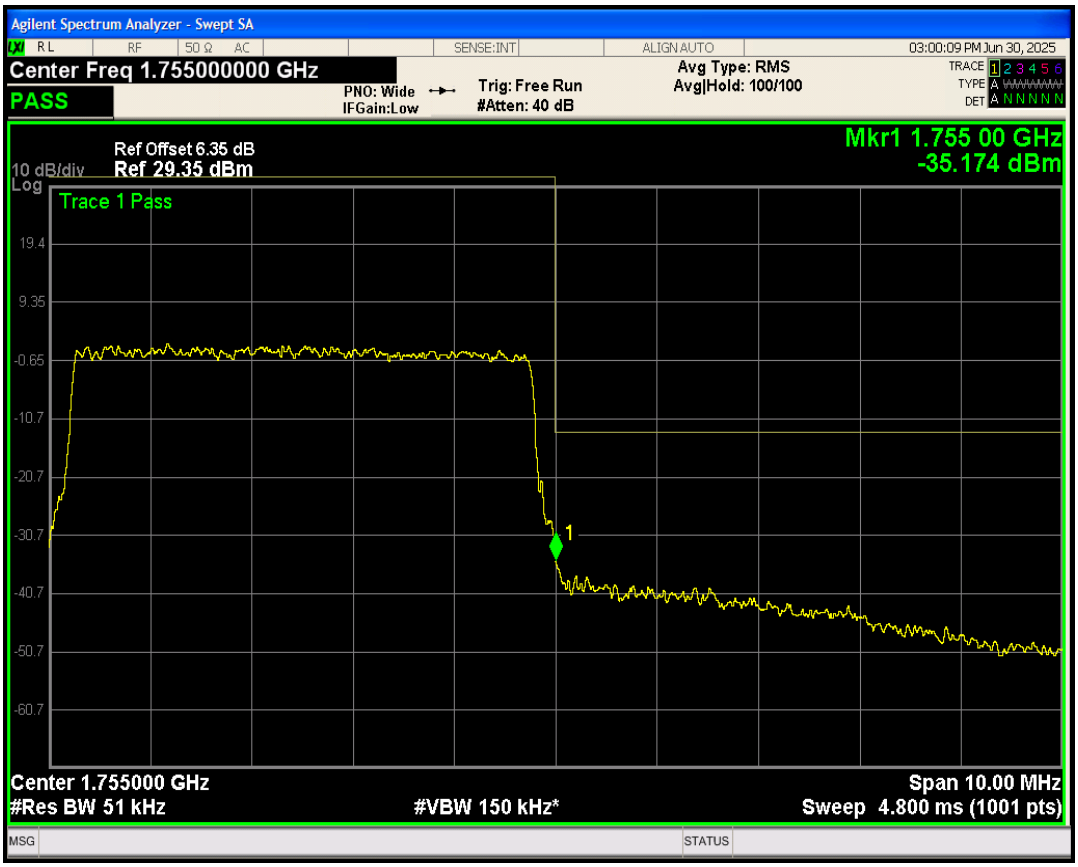
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

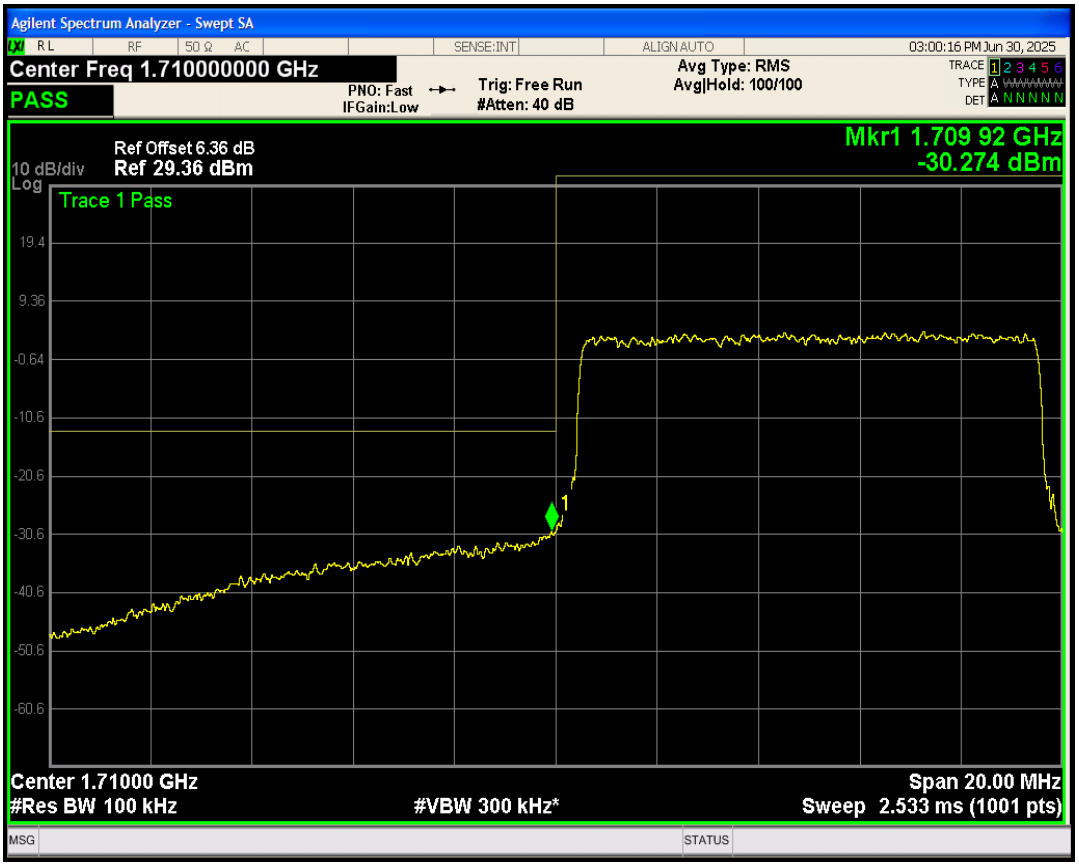



Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT

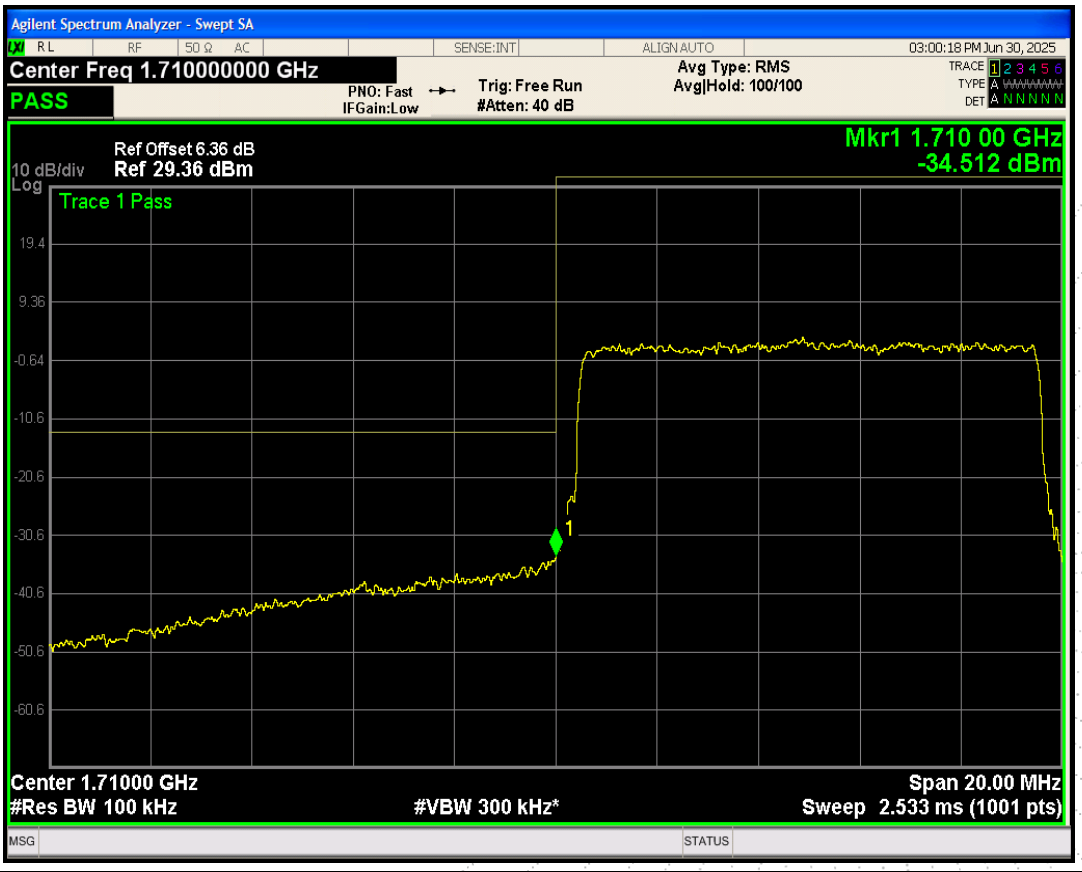
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT




Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



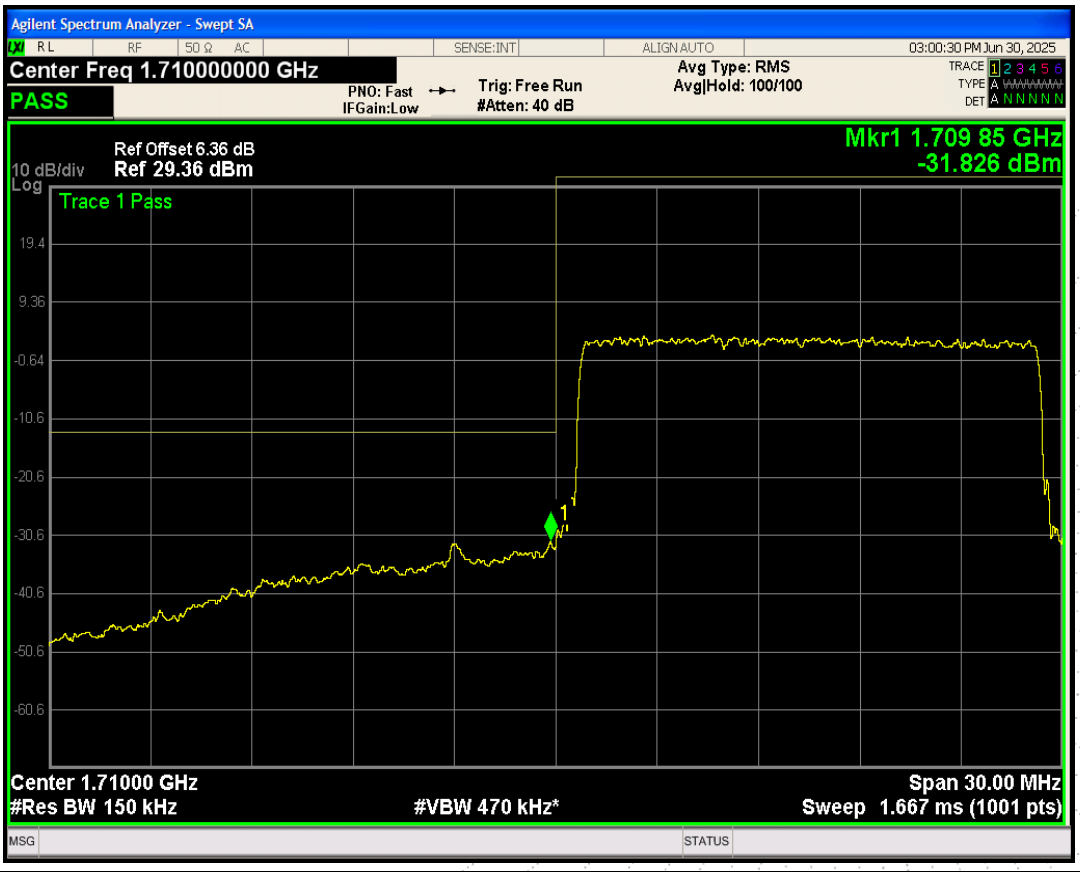

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT

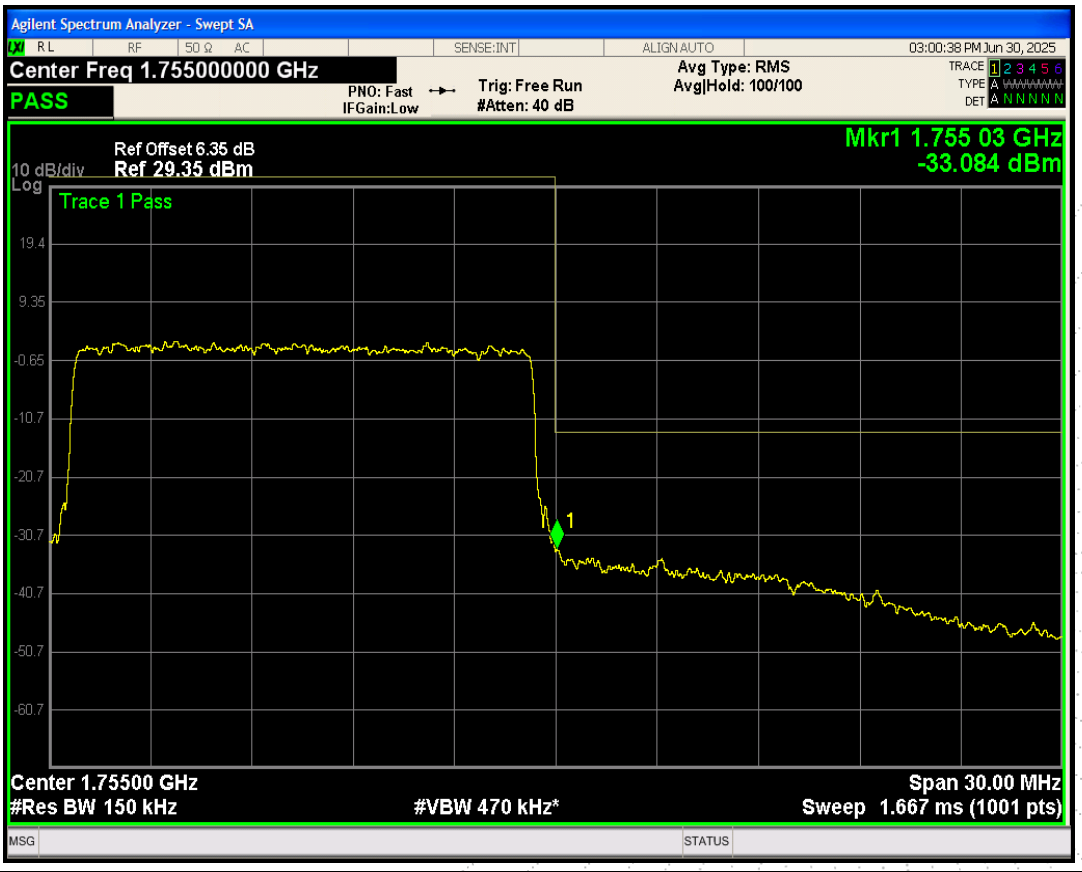
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

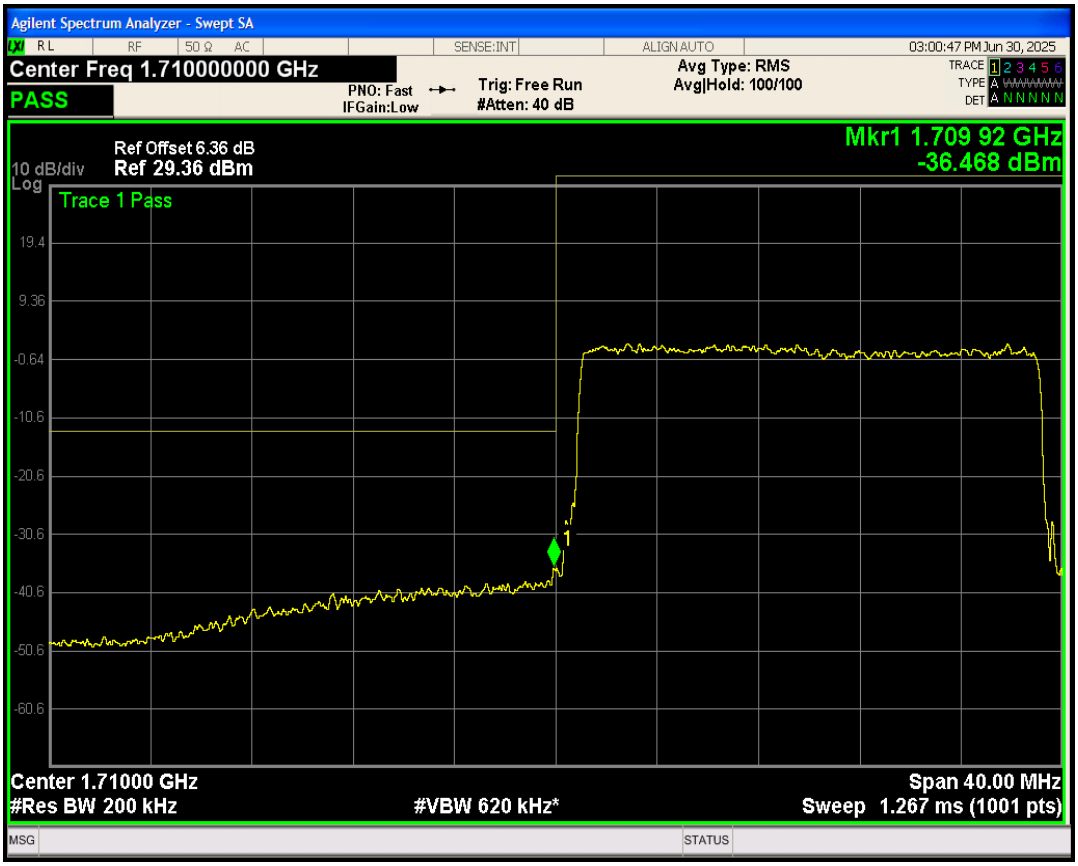
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



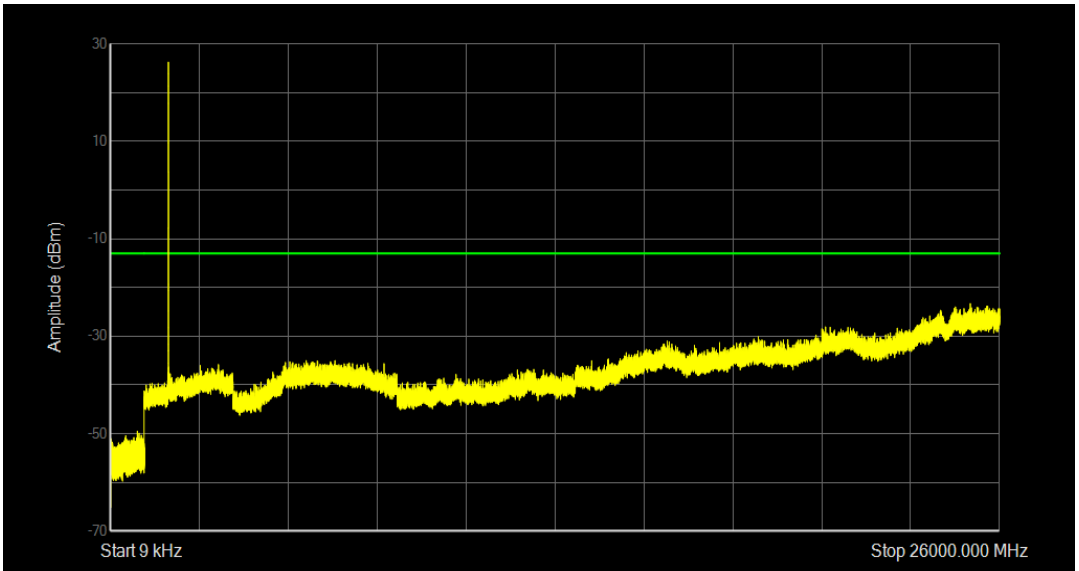

Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT

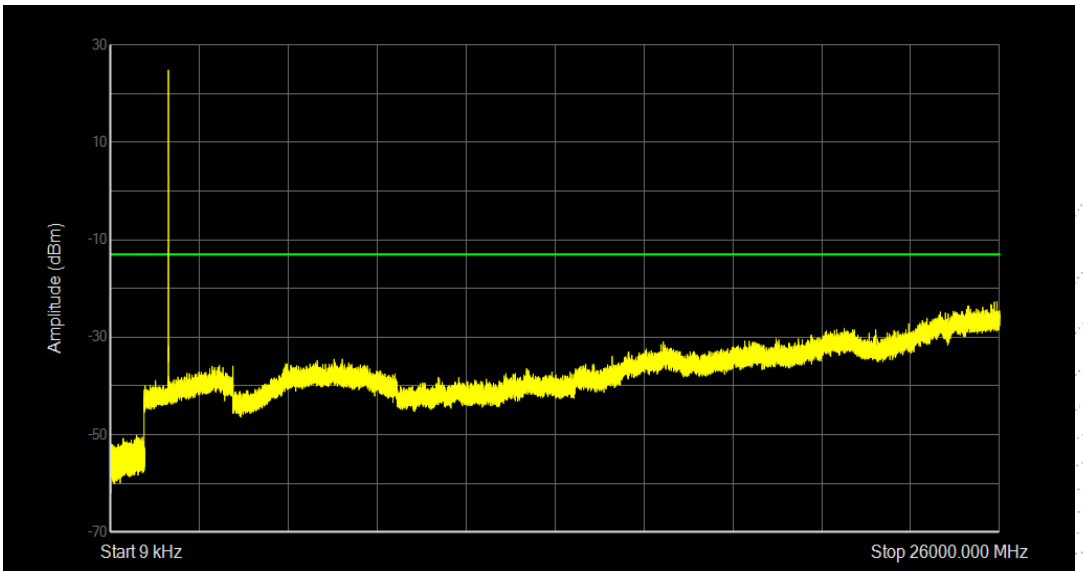
# Appendix 6.Out-of-band emissions

| Condition | Band | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | QPSK | 25145.00 | -23.29 | -13 | PASS |
| NVNT | Band4 | 1.4 | 19957 | 6 | #0 | 16QAM | 25925.63 | -22.73 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | QPSK | 25068.13 | -23.49 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20175 | 6 | #0 | 16QAM | 25322.50 | -22.61 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | QPSK | 25836.88 | -23.41 | -13 | PASS |
| NVNT | Band4 | 1.4 | 20393 | 6 | #0 | 16QAM | 25779.38 | -23.22 | -13 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | QPSK | 25755.63 | -23.10 | -13 | PASS |
| NVNT | Band4 | 3 | 19965 | 15 | #0 | 16QAM | 25681.88 | -22.64 | -13 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | QPSK | 25590.63 | -23.41 | -13 | PASS |
| NVNT | Band4 | 3 | 20175 | 15 | #0 | 16QAM | 25410.00 | -23.36 | -13 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | QPSK | 25823.75 | -23.80 | -13 | PASS |
| NVNT | Band4 | 3 | 20385 | 15 | #0 | 16QAM | 25809.38 | -23.69 | -13 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | QPSK | 25986.88 | -22.63 | -13 | PASS |
| NVNT | Band4 | 5 | 19975 | 25 | #0 | 16QAM | 25668.13 | -23.97 | -13 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | QPSK | 25390.63 | -23.16 | -13 | PASS |
| NVNT | Band4 | 5 | 20175 | 25 | #0 | 16QAM | 24674.38 | -23.06 | -13 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | QPSK | 25768.13 | -23.81 | -13 | PASS |
| NVNT | Band4 | 5 | 20375 | 25 | #0 | 16QAM | 25900.63 | -22.69 | -13 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | QPSK | 25521.25 | -23.36 | -13 | PASS |
| NVNT | Band4 | 10 | 20000 | 50 | #0 | 16QAM | 25341.25 | -23.82 | -13 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | QPSK | 25313.75 | -23.49 | -13 | PASS |
| NVNT | Band4 | 10 | 20175 | 50 | #0 | 16QAM | 25110.00 | -23.70 | -13 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | QPSK | 25708.13 | -23.15 | -13 | PASS |
| NVNT | Band4 | 10 | 20350 | 50 | #0 | 16QAM | 25926.25 | -23.25 | -13 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | QPSK | 24769.38 | -23.18 | -13 | PASS |
| NVNT | Band4 | 15 | 20025 | 75 | #0 | 16QAM | 25082.50 | -22.55 | -13 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | QPSK | 25536.88 | -22.48 | -13 | PASS |
| NVNT | Band4 | 15 | 20175 | 75 | #0 | 16QAM | 25782.50 | -23.38 | -13 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | QPSK | 25072.50 | -23.70 | -13 | PASS |
| NVNT | Band4 | 15 | 20325 | 75 | #0 | 16QAM | 25032.50 | -23.58 | -13 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | QPSK | 25465.63 | -23.76 | -13 | PASS |
| NVNT | Band4 | 20 | 20050 | 100 | #0 | 16QAM | 25602.50 | -23.21 | -13 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | QPSK | 25861.88 | -23.07 | -13 | PASS |
| NVNT | Band4 | 20 | 20175 | 100 | #0 | 16QAM | 25100.00 | -23.14 | -13 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | QPSK | 25504.38 | -23.26 | -13 | PASS |
| NVNT | Band4 | 20 | 20300 | 100 | #0 | 16QAM | 25462.50 | -23.04 | -13 | PASS |



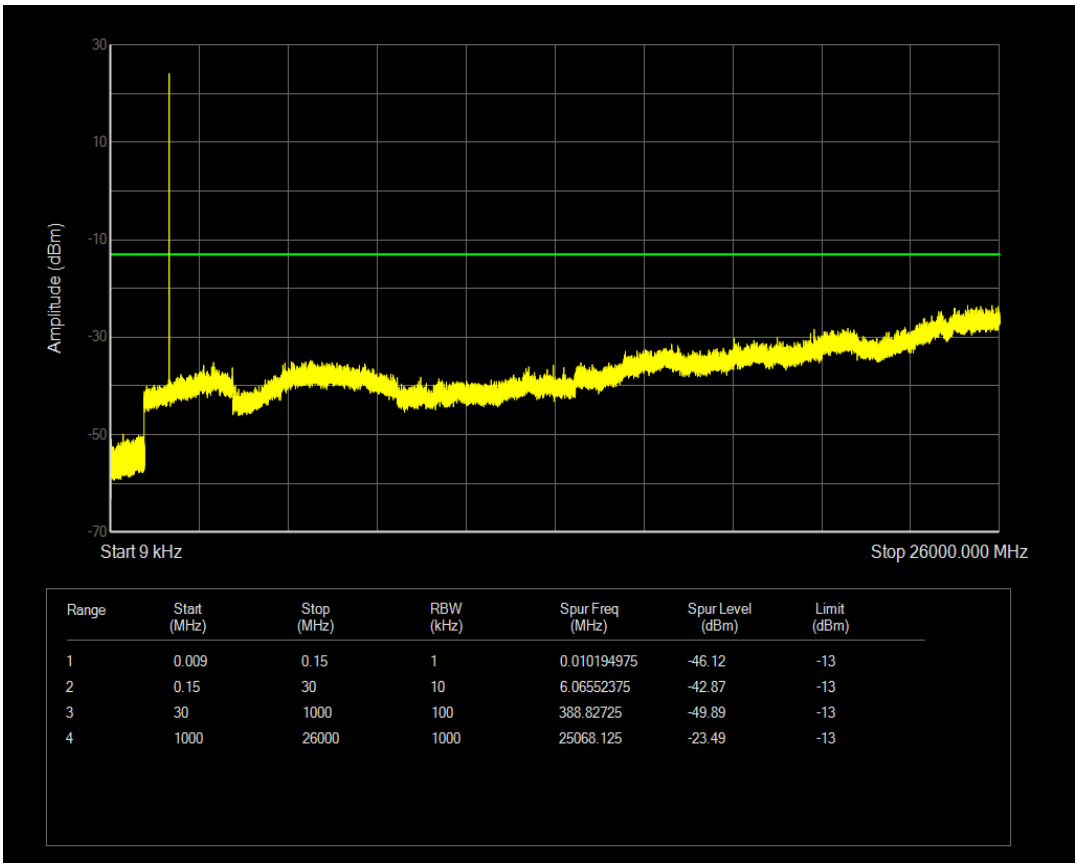

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009518175 | -43.45 | -13 |
| 2 | 0.15 | 30 | 10 | 6.10731375 | -41.73 | -13 |
| 3 | 30 | 1000 | 100 | 804.81175 | -49.51 | -13 |
| 4 | 1000 | 26000 | 1000 | 25145 | -23.29 | -13 |

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



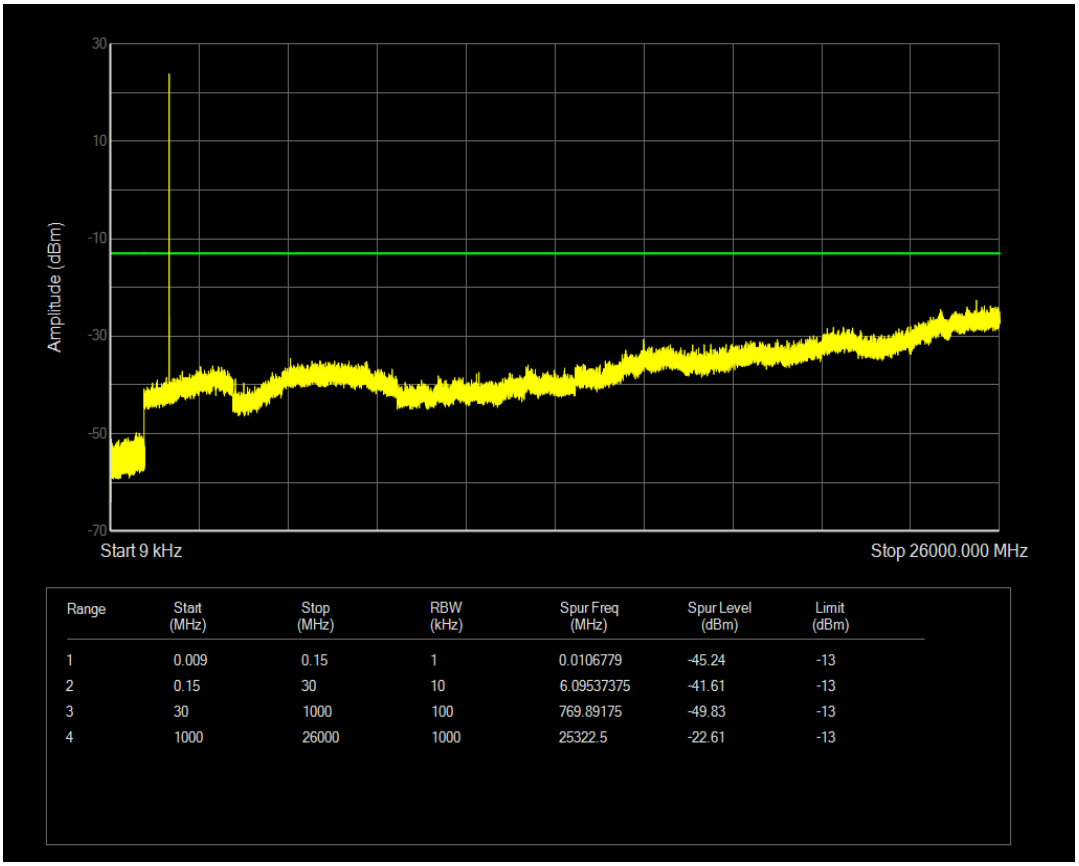

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009 | -44.52 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1065675 | -41.45 | -13 |
| 3 | 30 | 1000 | 100 | 780.70725 | -50.17 | -13 |
| 4 | 1000 | 26000 | 1000 | 25925.625 | -22.73 | -13 |

Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0 NVNT



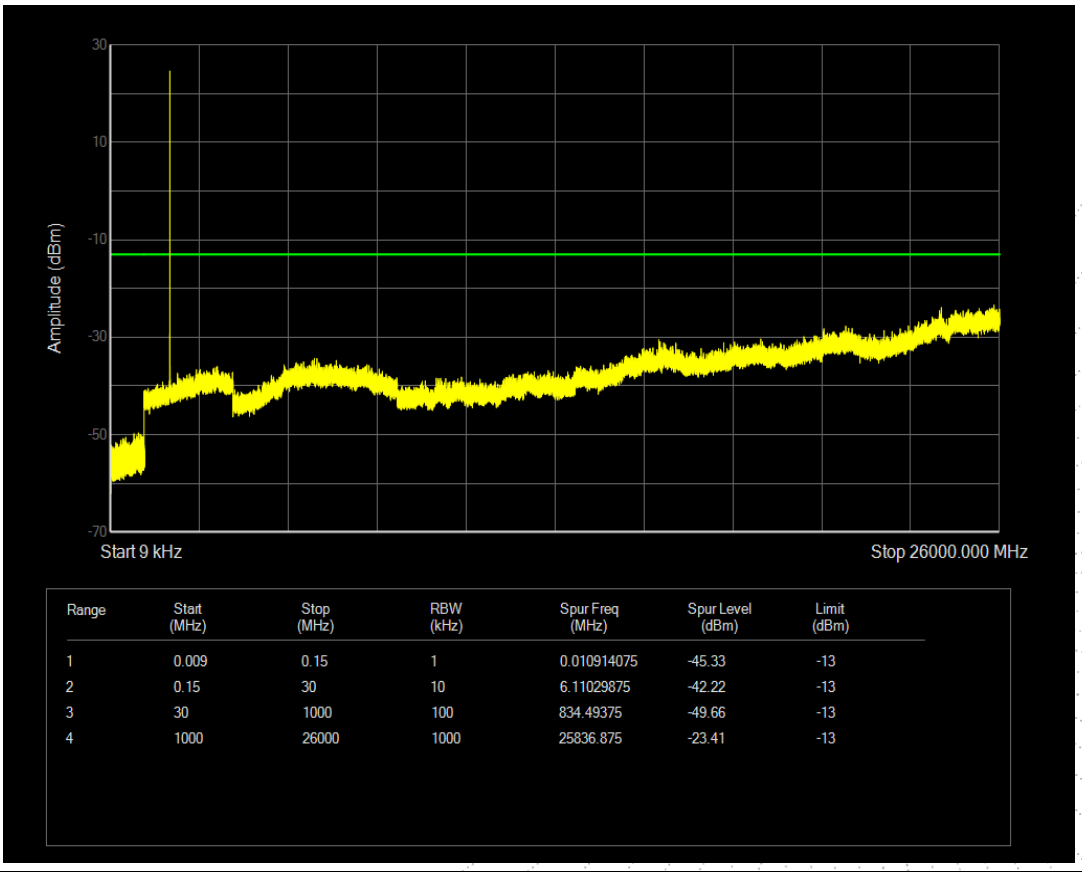

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.010194975 | -46.12 | -13 |
| 2 | 0.15 | 30 | 10 | 6.06552375 | -42.87 | -13 |
| 3 | 30 | 1000 | 100 | 388.82725 | -49.89 | -13 |
| 4 | 1000 | 26000 | 1000 | 25068.125 | -23.49 | -13 |

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



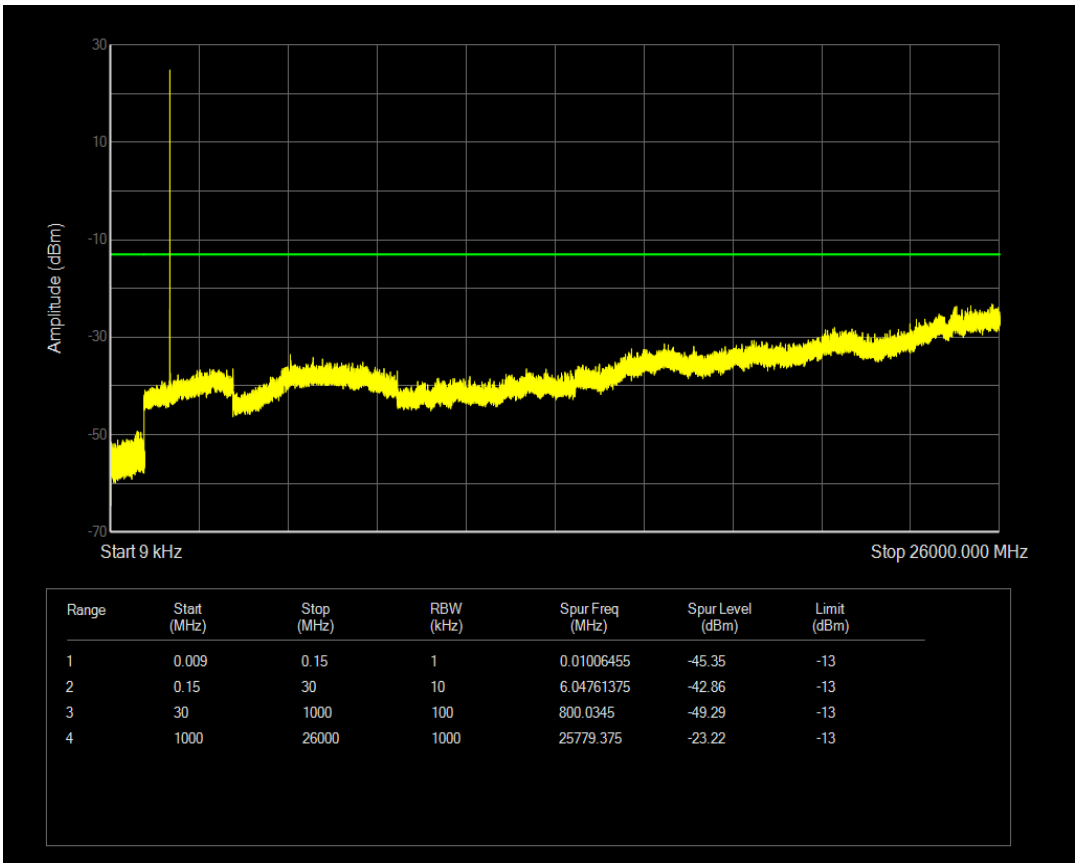

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0106779 | -45.24 | -13 |
| 2 | 0.15 | 30 | 10 | 6.09537375 | -41.61 | -13 |
| 3 | 30 | 1000 | 100 | 769.89175 | -49.83 | -13 |
| 4 | 1000 | 26000 | 1000 | 25322.5 | -22.61 | -13 |

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0 NVNT



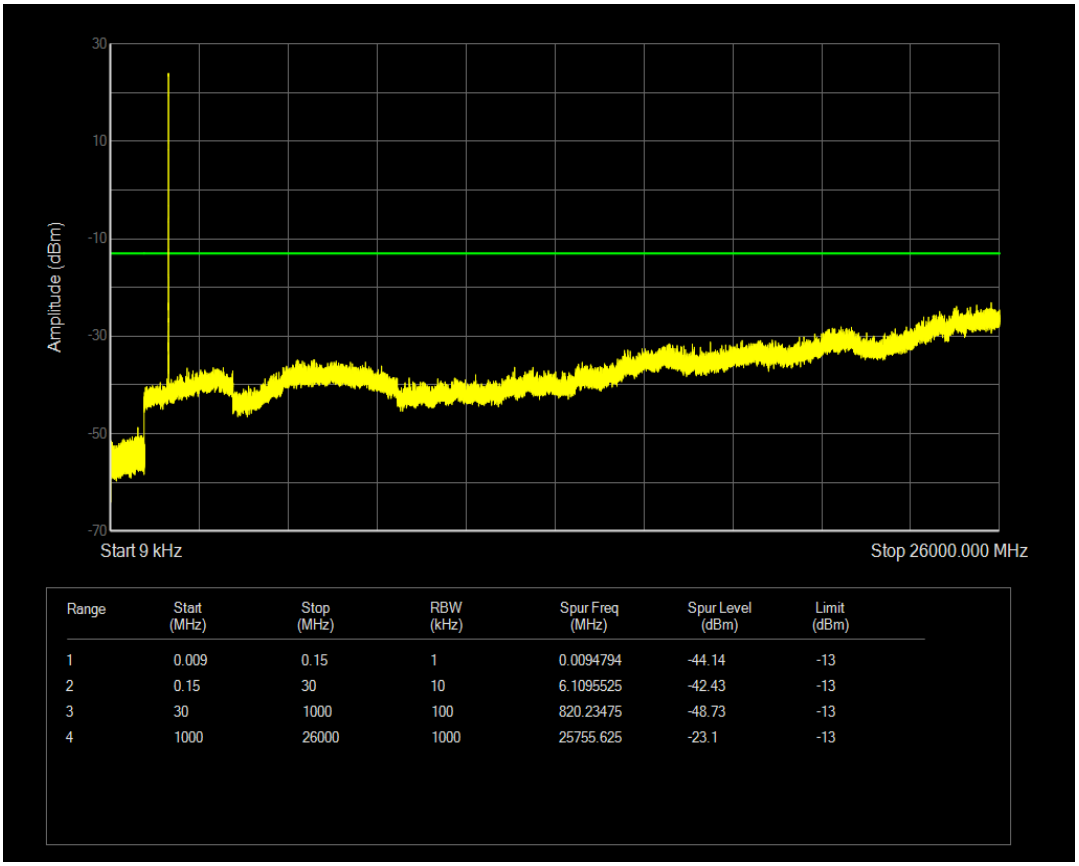

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.010914075 | -45.33 | -13 |
| 2 | 0.15 | 30 | 10 | 6.11029875 | -42.22 | -13 |
| 3 | 30 | 1000 | 100 | 834.49375 | -49.66 | -13 |
| 4 | 1000 | 26000 | 1000 | 25836.875 | -23.41 | -13 |

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



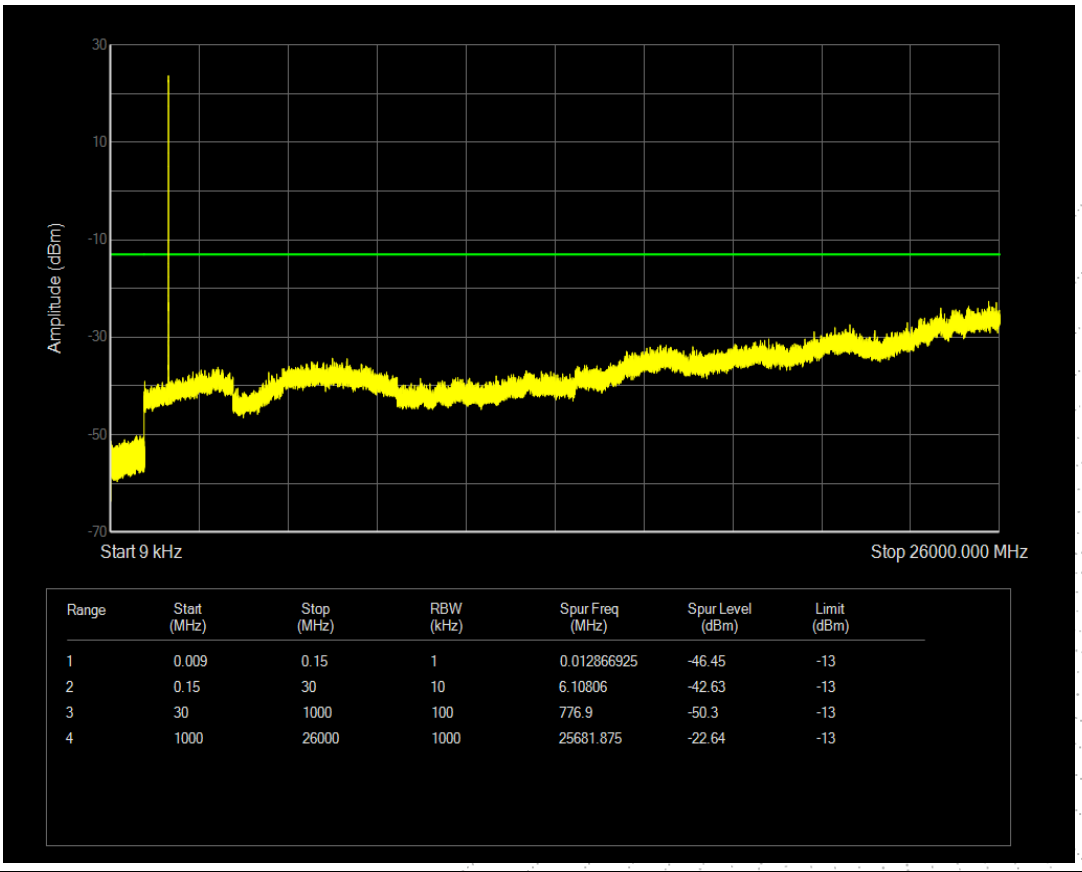

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.01006455 | -45.35 | -13 |
| 2 | 0.15 | 30 | 10 | 6.04761375 | -42.86 | -13 |
| 3 | 30 | 1000 | 100 | 800.0345 | -49.29 | -13 |
| 4 | 1000 | 26000 | 1000 | 25779.375 | -23.22 | -13 |

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0 NVNT



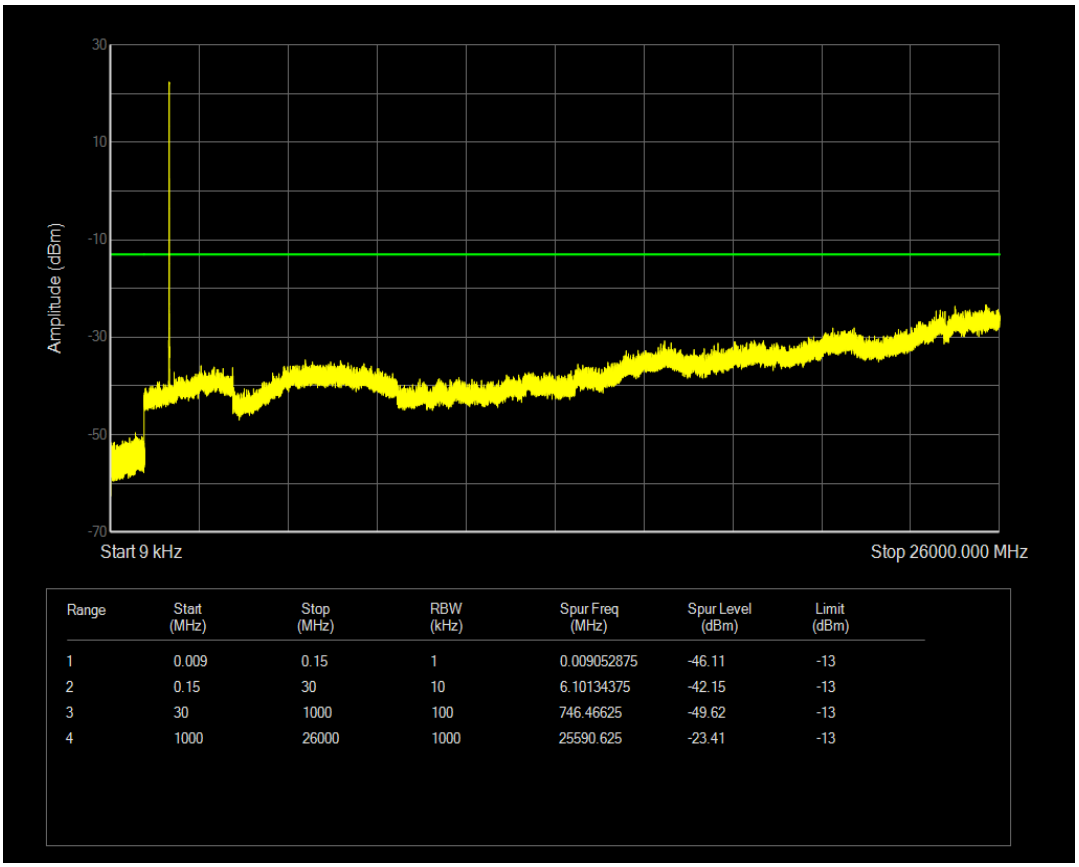

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0094794 | -44.14 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1095525 | -42.43 | -13 |
| 3 | 30 | 1000 | 100 | 820.23475 | -48.73 | -13 |
| 4 | 1000 | 26000 | 1000 | 25755.625 | -23.1 | -13 |

Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



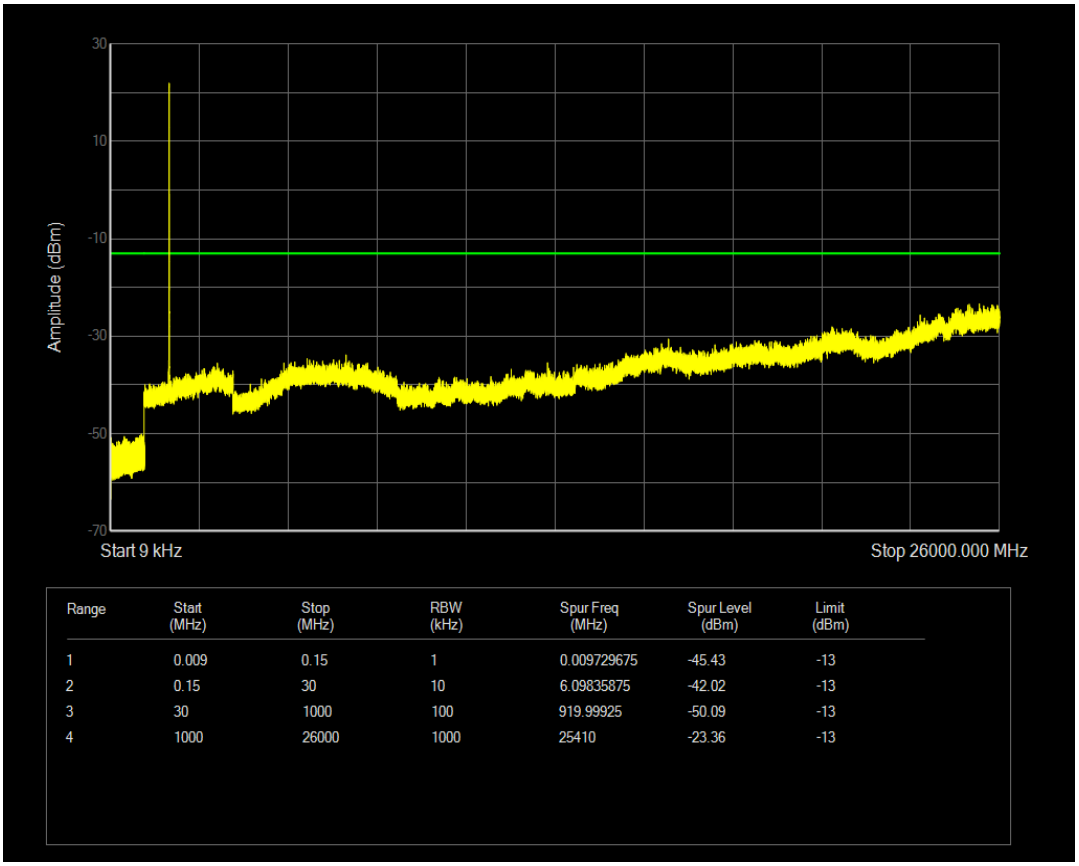

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.012866925 | -46.45 | -13 |
| 2 | 0.15 | 30 | 10 | 6.10806 | -42.63 | -13 |
| 3 | 30 | 1000 | 100 | 776.9 | -50.3 | -13 |
| 4 | 1000 | 26000 | 1000 | 25681.875 | -22.64 | -13 |

Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0 NVNT



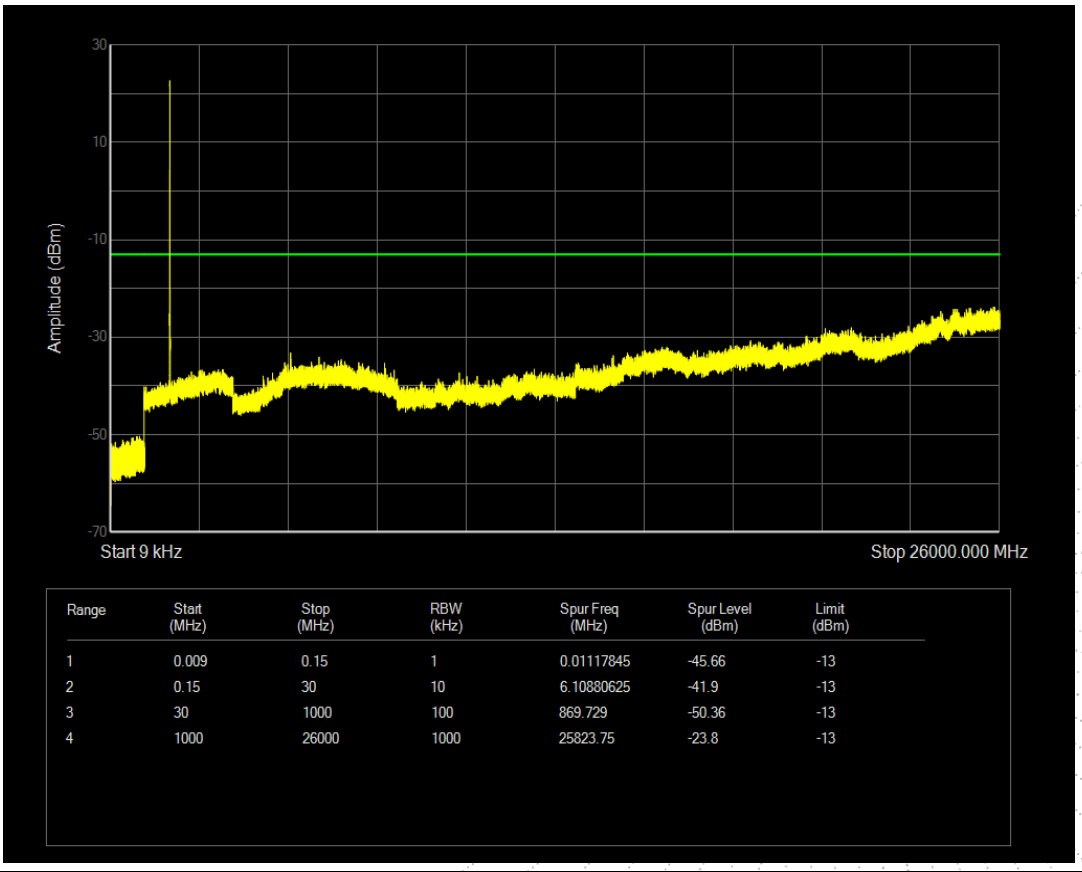

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009052875 | -46.11 | -13 |
| 2 | 0.15 | 30 | 10 | 6.10134375 | -42.15 | -13 |
| 3 | 30 | 1000 | 100 | 746.46625 | -49.62 | -13 |
| 4 | 1000 | 26000 | 1000 | 25590.625 | -23.41 | -13 |

Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



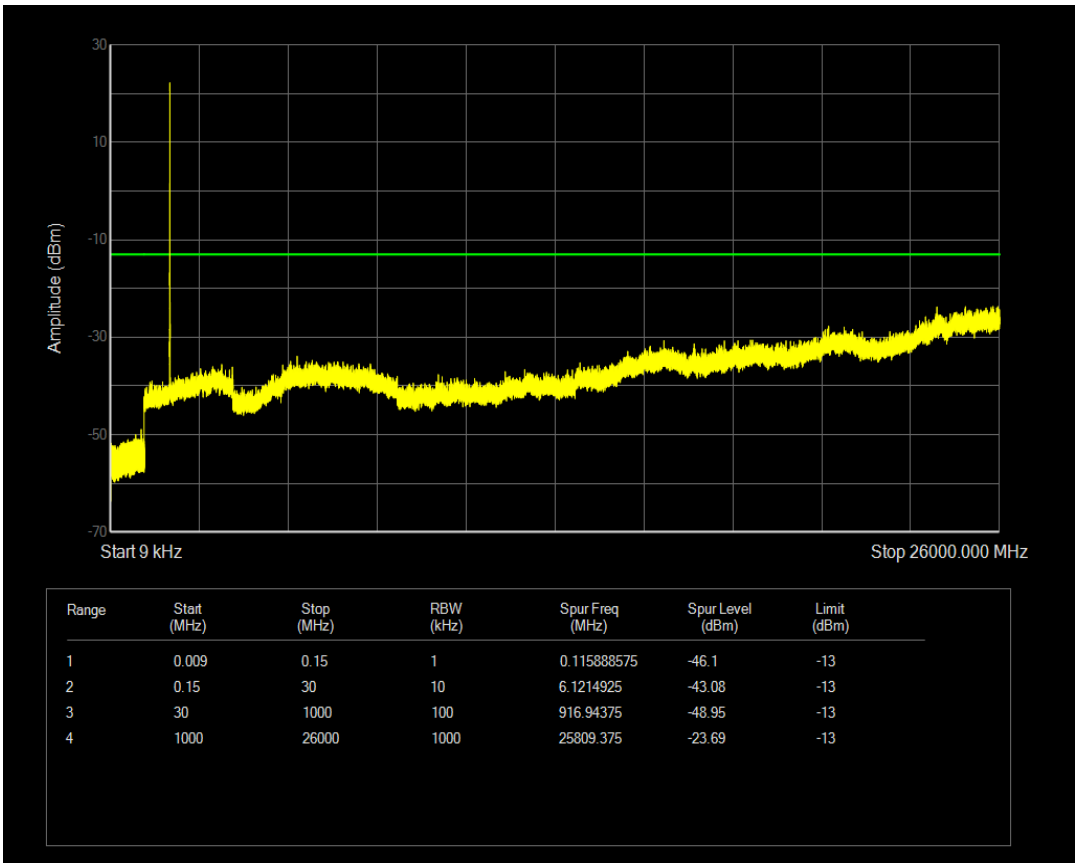

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009729675 | -45.43 | -13 |
| 2 | 0.15 | 30 | 10 | 6.09835875 | -42.02 | -13 |
| 3 | 30 | 1000 | 100 | 919.99925 | -50.09 | -13 |
| 4 | 1000 | 26000 | 1000 | 25410 | -23.36 | -13 |

Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0 NVNT



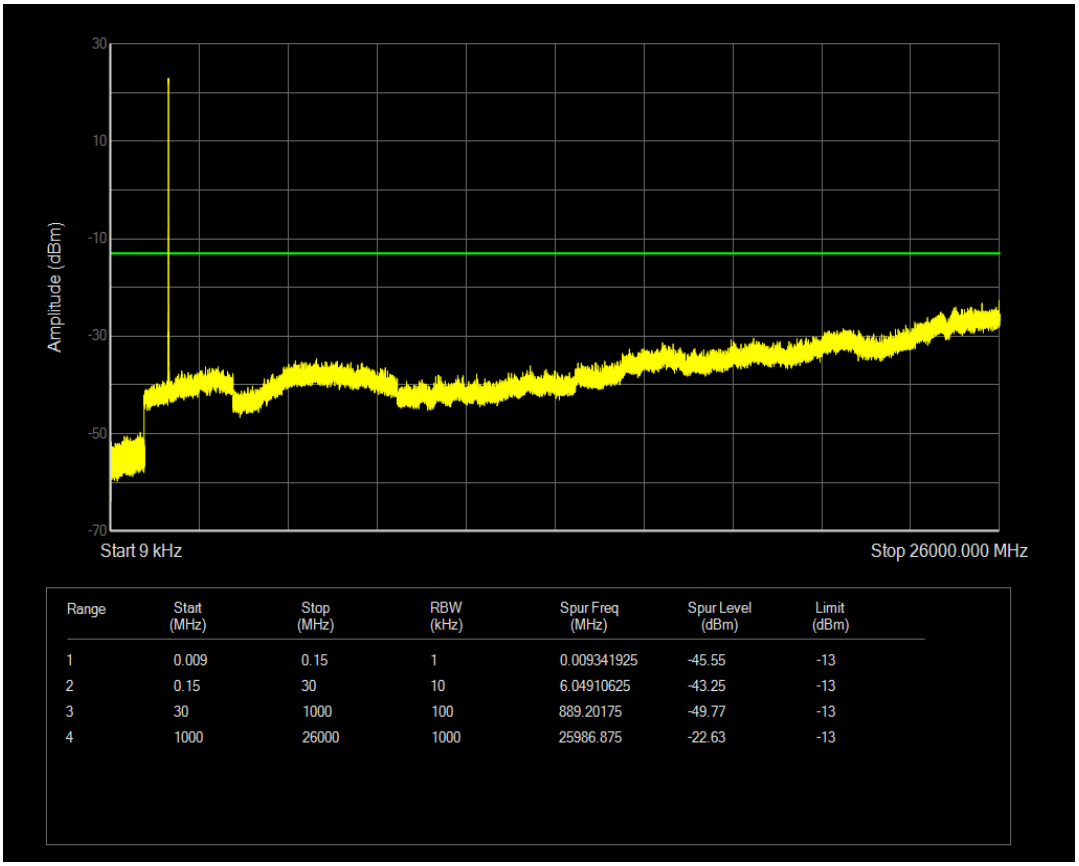

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.01117845 | -45.66 | -13 |
| 2 | 0.15 | 30 | 10 | 6.10880625 | -41.9 | -13 |
| 3 | 30 | 1000 | 100 | 869.729 | -50.36 | -13 |
| 4 | 1000 | 26000 | 1000 | 25823.75 | -23.8 | -13 |

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



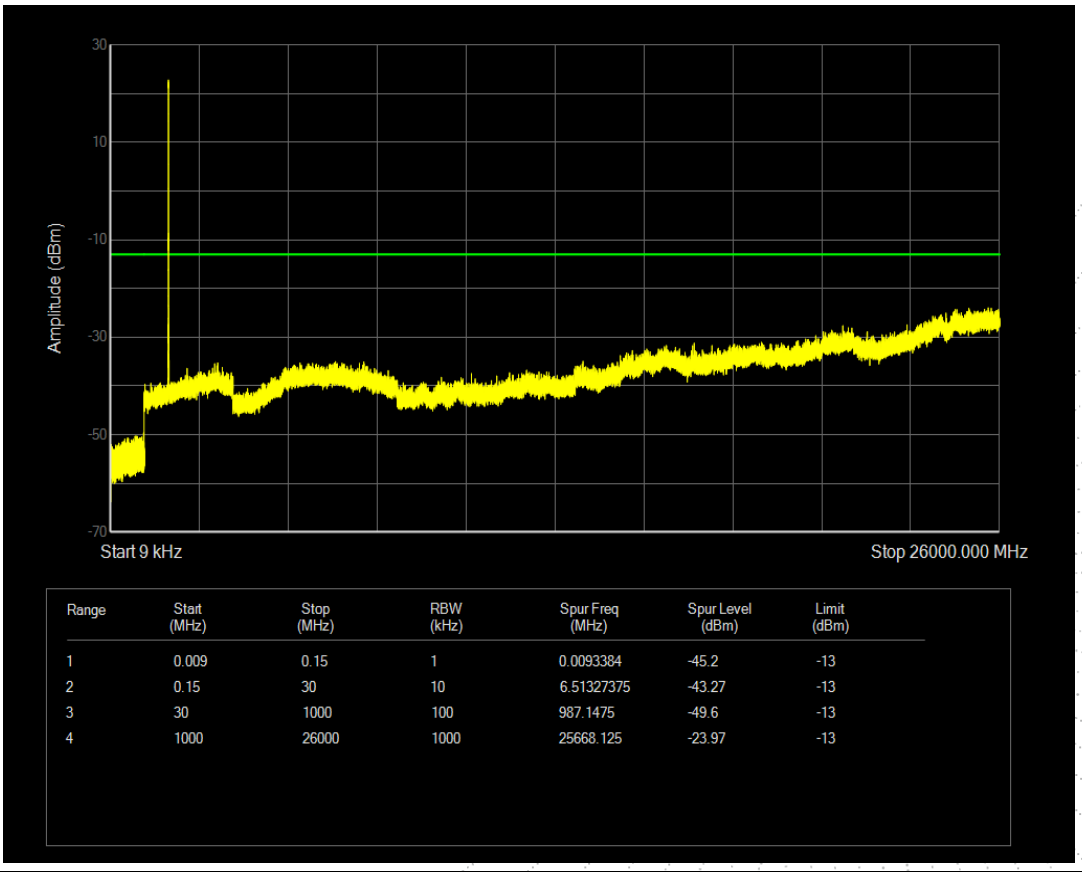

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.115888575 | -46.1 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1214925 | -43.08 | -13 |
| 3 | 30 | 1000 | 100 | 916.94375 | -48.95 | -13 |
| 4 | 1000 | 26000 | 1000 | 25809.375 | -23.69 | -13 |

Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0 NVNT



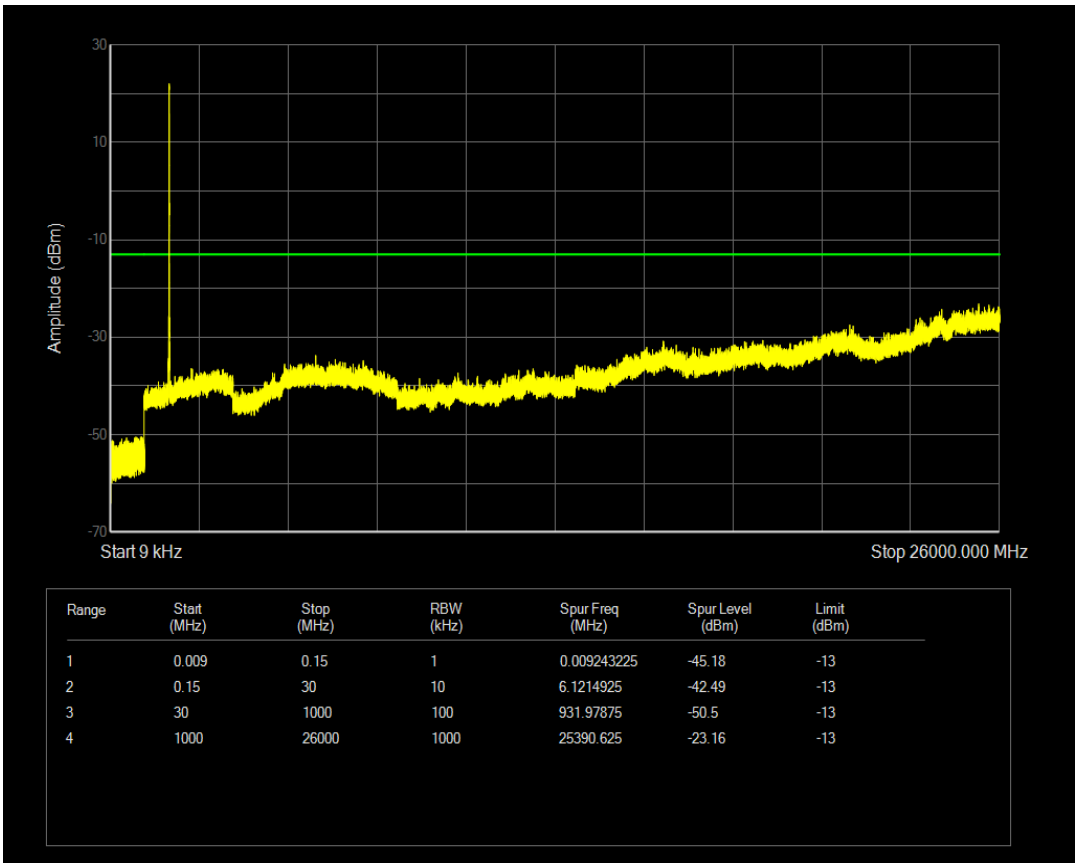

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009341925 | -45.55 | -13 |
| 2 | 0.15 | 30 | 10 | 6.04910625 | -43.25 | -13 |
| 3 | 30 | 1000 | 100 | 889.20175 | -49.77 | -13 |
| 4 | 1000 | 26000 | 1000 | 25986.875 | -22.63 | -13 |

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



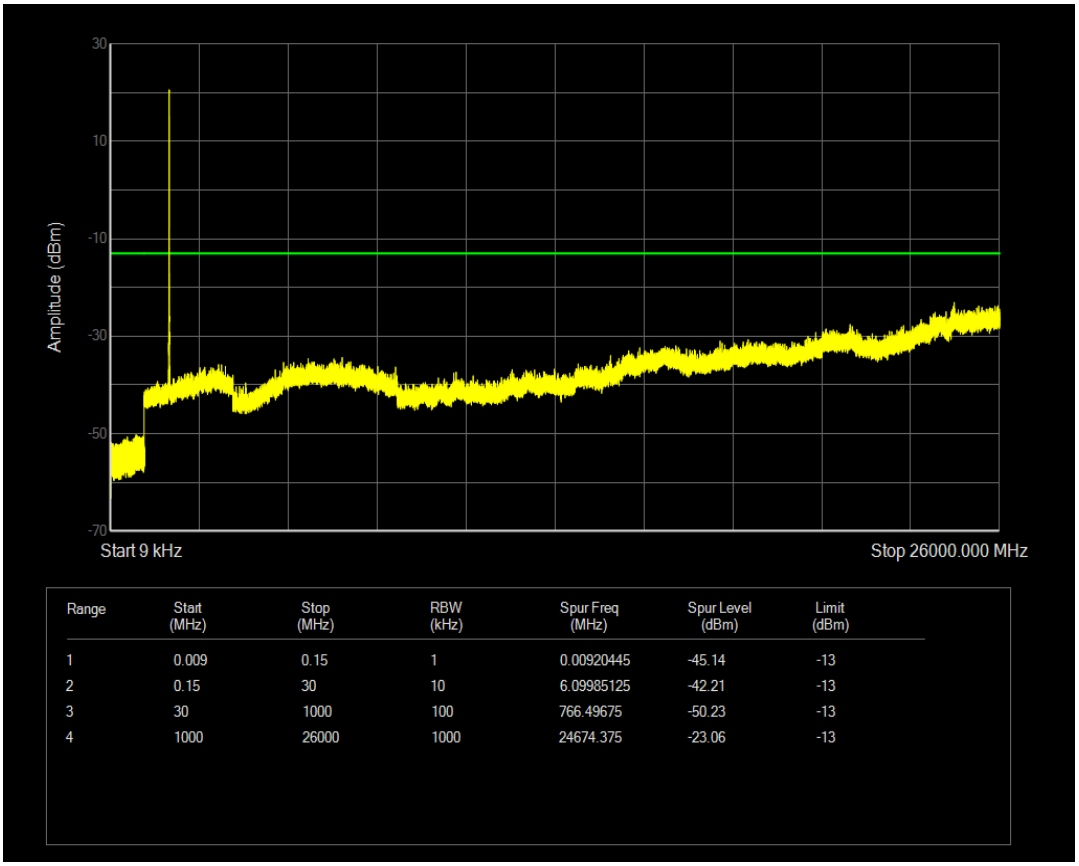

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0093384 | -45.2 | -13 |
| 2 | 0.15 | 30 | 10 | 6.51327375 | -43.27 | -13 |
| 3 | 30 | 1000 | 100 | 987.1475 | -49.6 | -13 |
| 4 | 1000 | 26000 | 1000 | 25668.125 | -23.97 | -13 |

Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0 NVNT



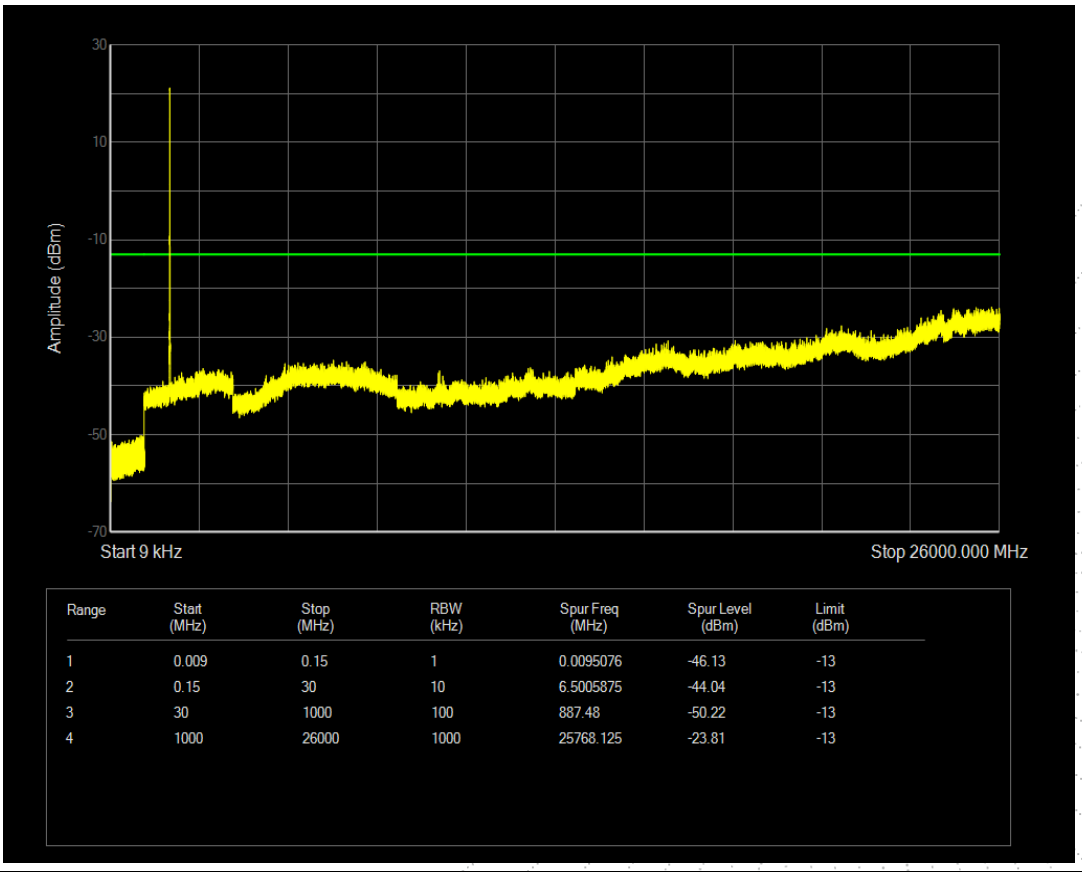

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009243225 | -45.18 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1214925 | -42.49 | -13 |
| 3 | 30 | 1000 | 100 | 931.97875 | -50.5 | -13 |
| 4 | 1000 | 26000 | 1000 | 25390.625 | -23.16 | -13 |

Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



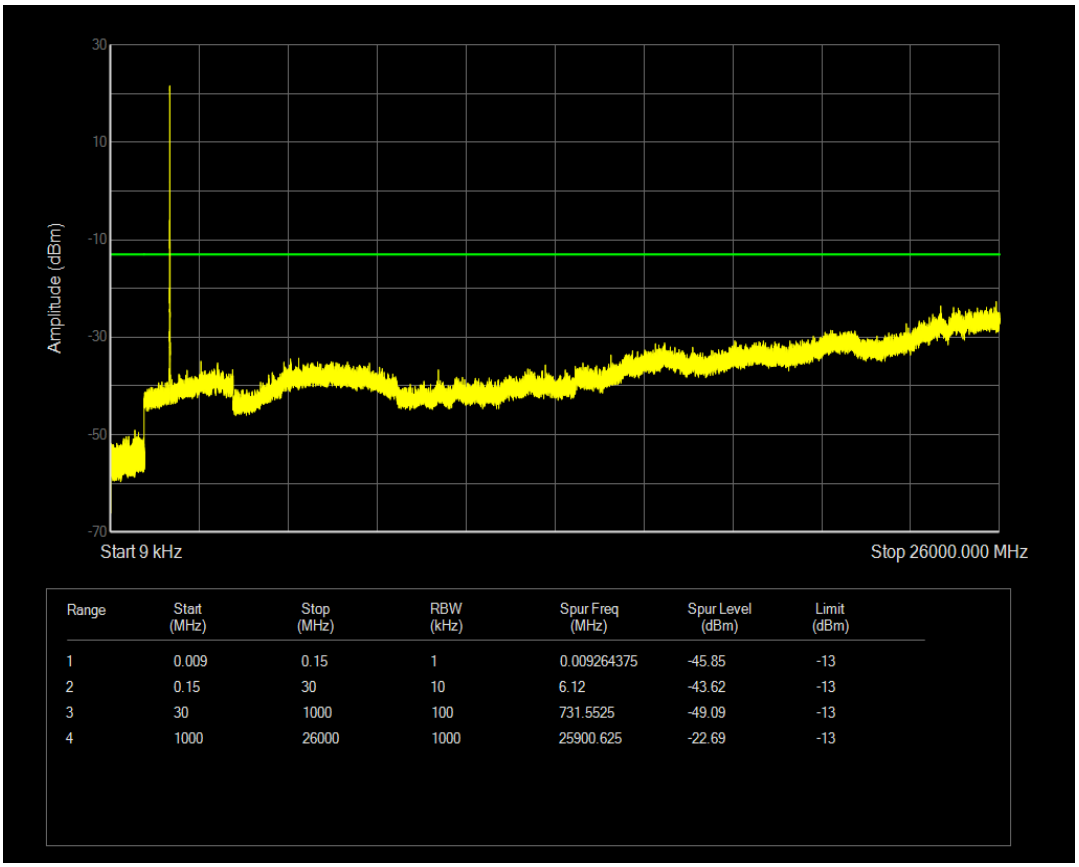

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.00920445 | -45.14 | -13 |
| 2 | 0.15 | 30 | 10 | 6.09985125 | -42.21 | -13 |
| 3 | 30 | 1000 | 100 | 766.49675 | -50.23 | -13 |
| 4 | 1000 | 26000 | 1000 | 24674.375 | -23.06 | -13 |

Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0 NVNT



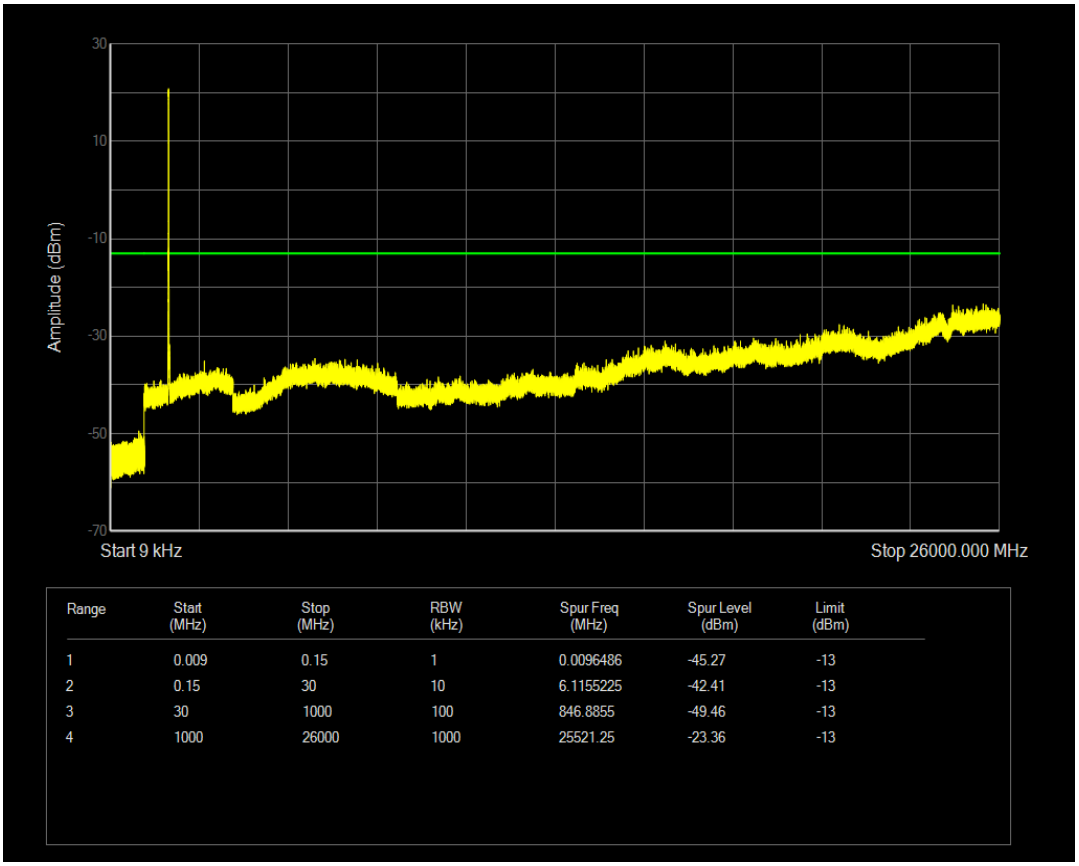

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0095076 | -46.13 | -13 |
| 2 | 0.15 | 30 | 10 | 6.5005875 | -44.04 | -13 |
| 3 | 30 | 1000 | 100 | 887.48 | -50.22 | -13 |
| 4 | 1000 | 26000 | 1000 | 25768.125 | -23.81 | -13 |

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



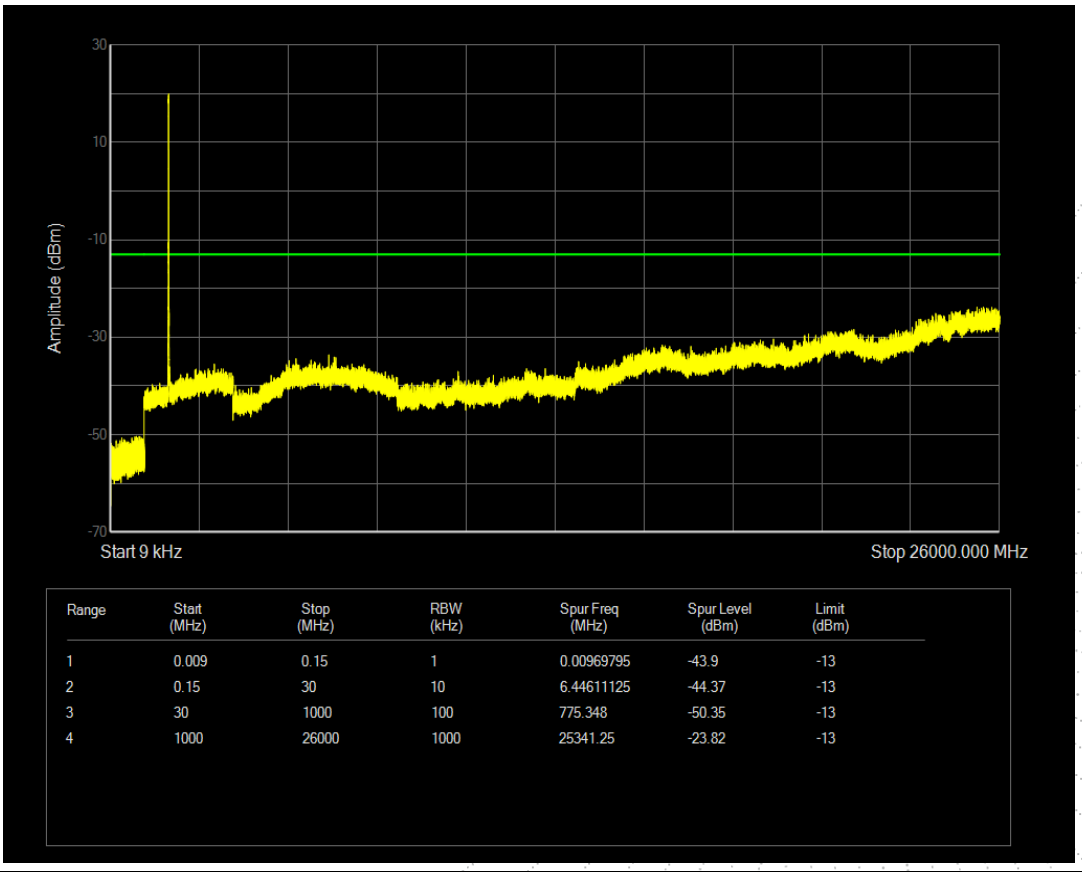

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009264375 | -45.85 | -13 |
| 2 | 0.15 | 30 | 10 | 6.12 | -43.62 | -13 |
| 3 | 30 | 1000 | 100 | 731.5525 | -49.09 | -13 |
| 4 | 1000 | 26000 | 1000 | 25900.625 | -22.69 | -13 |

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0 NVNT



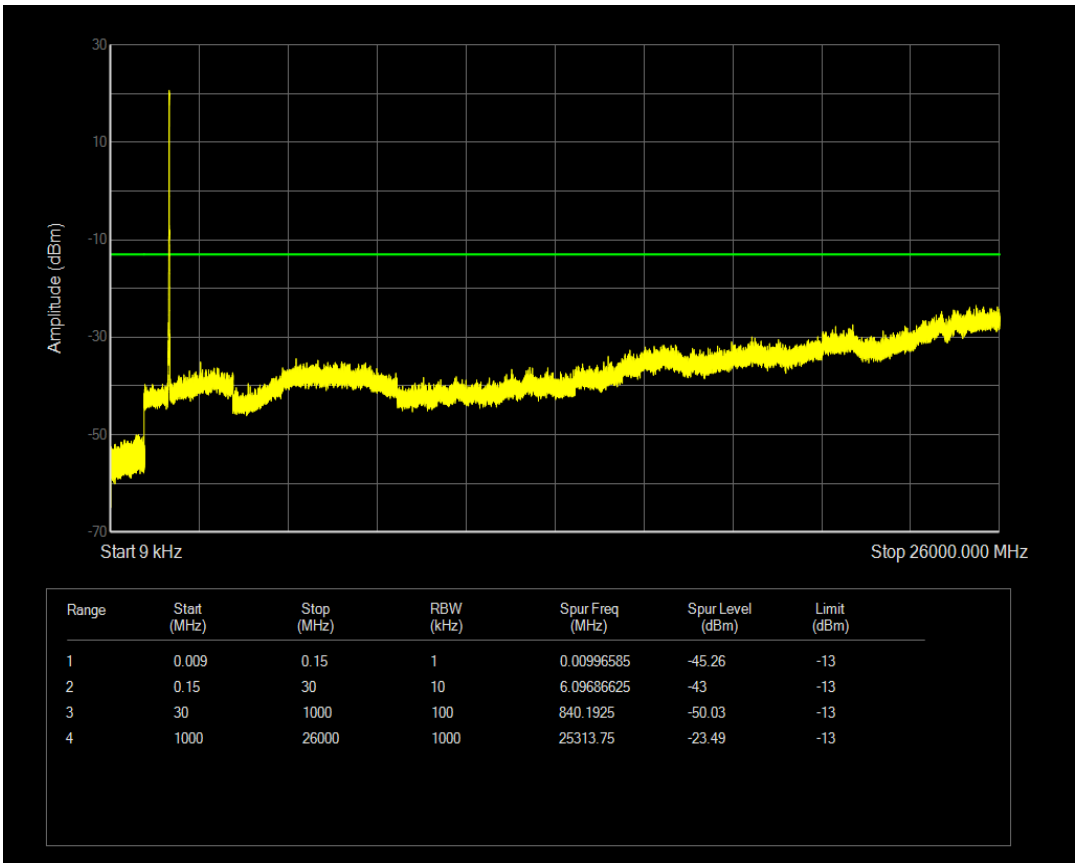

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0096486 | -45.27 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1155225 | -42.41 | -13 |
| 3 | 30 | 1000 | 100 | 846.8855 | -49.46 | -13 |
| 4 | 1000 | 26000 | 1000 | 25521.25 | -23.36 | -13 |

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



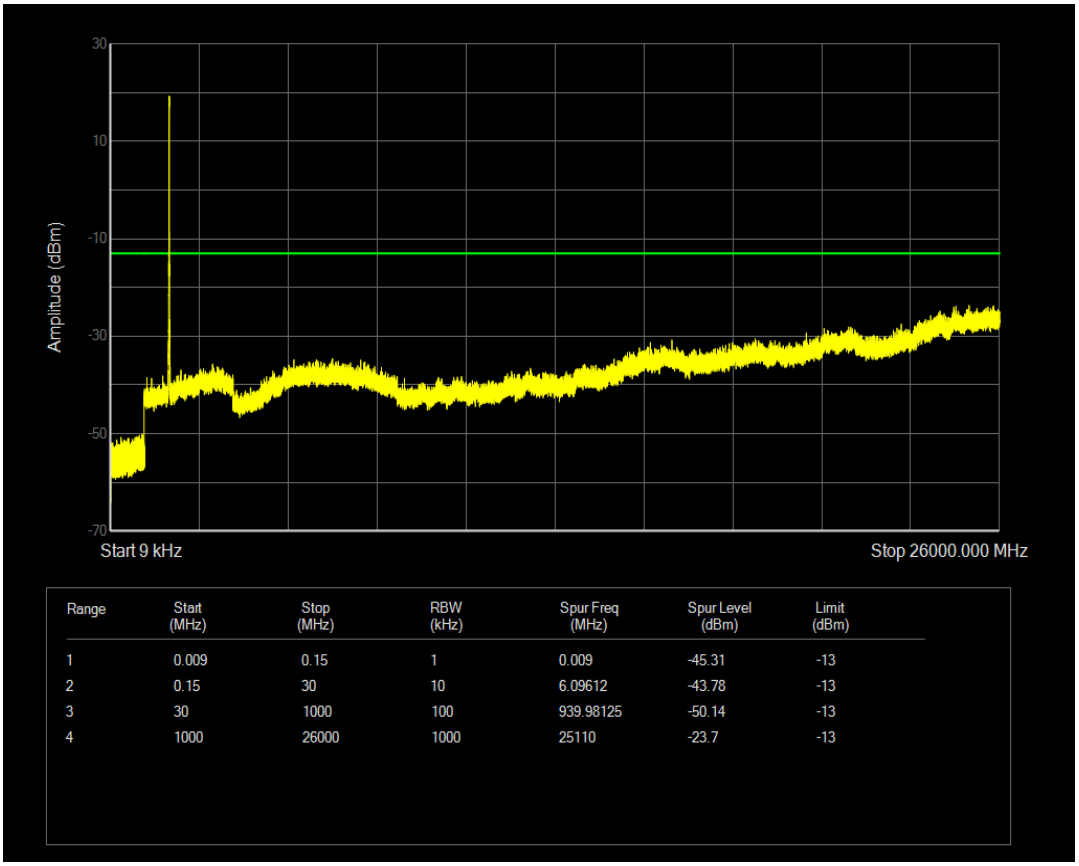

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.00969795 | -43.9 | -13 |
| 2 | 0.15 | 30 | 10 | 6.44611125 | -44.37 | -13 |
| 3 | 30 | 1000 | 100 | 775.348 | -50.35 | -13 |
| 4 | 1000 | 26000 | 1000 | 25341.25 | -23.82 | -13 |

Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0 NVNT



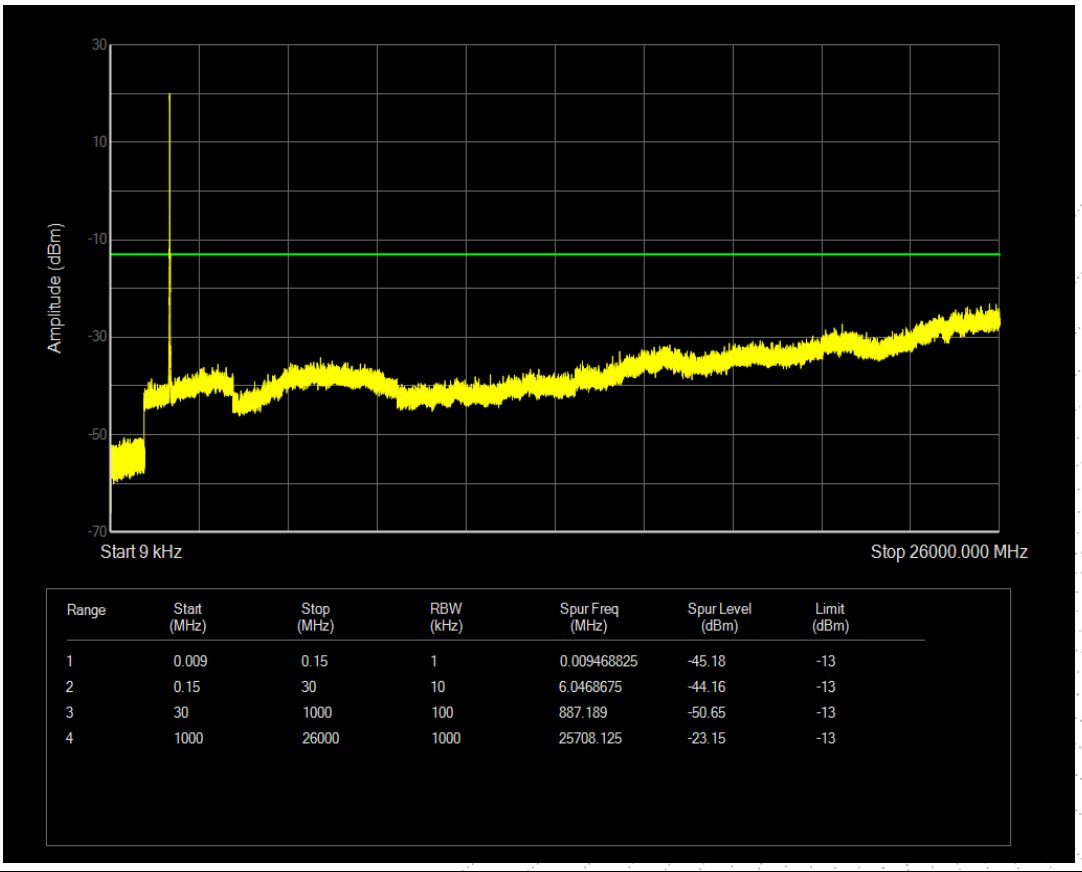

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.00996585 | -45.26 | -13 |
| 2 | 0.15 | 30 | 10 | 6.09686625 | -43 | -13 |
| 3 | 30 | 1000 | 100 | 840.1925 | -50.03 | -13 |
| 4 | 1000 | 26000 | 1000 | 25313.75 | -23.49 | -13 |

Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



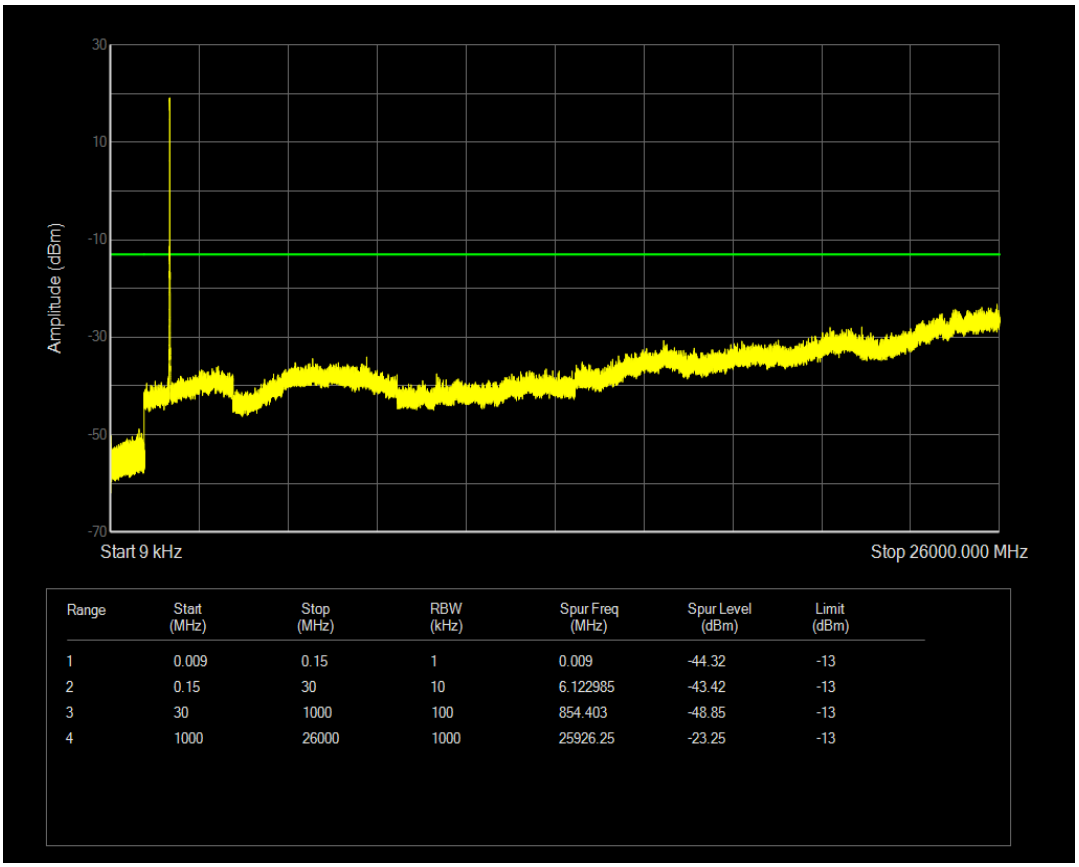

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009 | -45.31 | -13 |
| 2 | 0.15 | 30 | 10 | 6.09612 | -43.78 | -13 |
| 3 | 30 | 1000 | 100 | 939.98125 | -50.14 | -13 |
| 4 | 1000 | 26000 | 1000 | 25110 | -23.7 | -13 |

Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0 NVNT



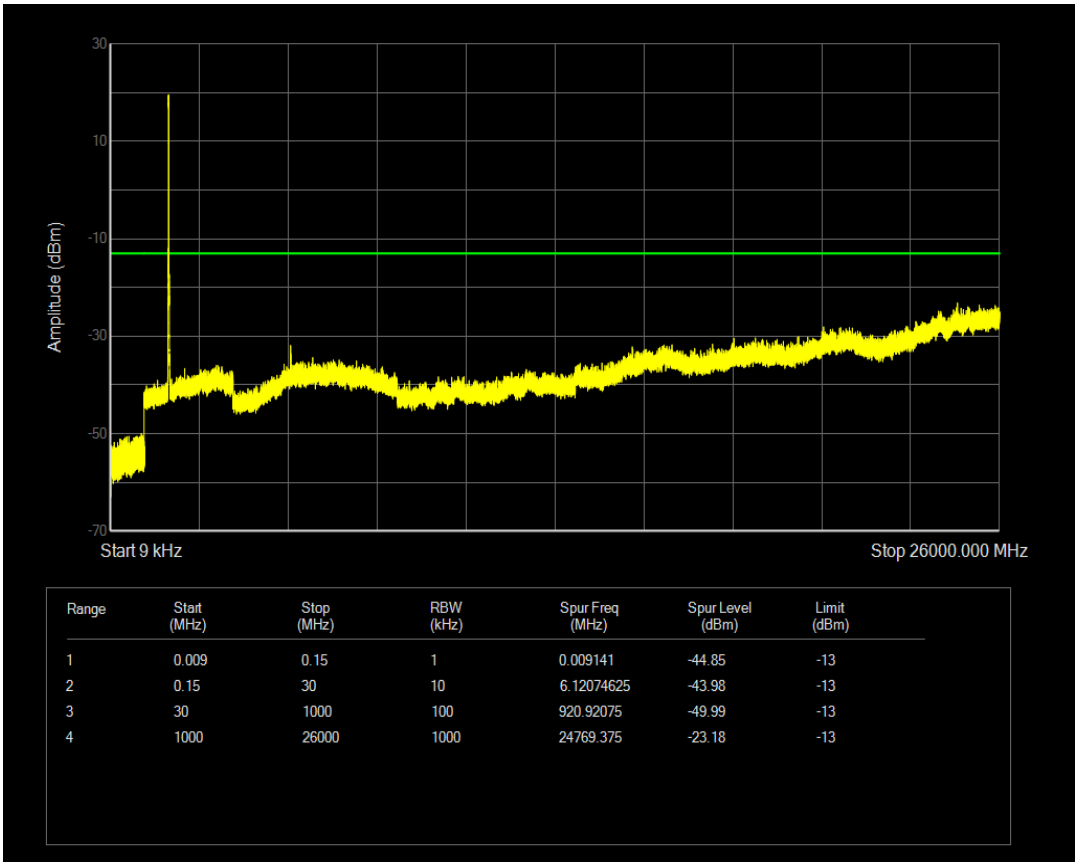

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009468825 | -45.18 | -13 |
| 2 | 0.15 | 30 | 10 | 6.0468675 | -44.16 | -13 |
| 3 | 30 | 1000 | 100 | 887.189 | -50.65 | -13 |
| 4 | 1000 | 26000 | 1000 | 25708.125 | -23.15 | -13 |

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



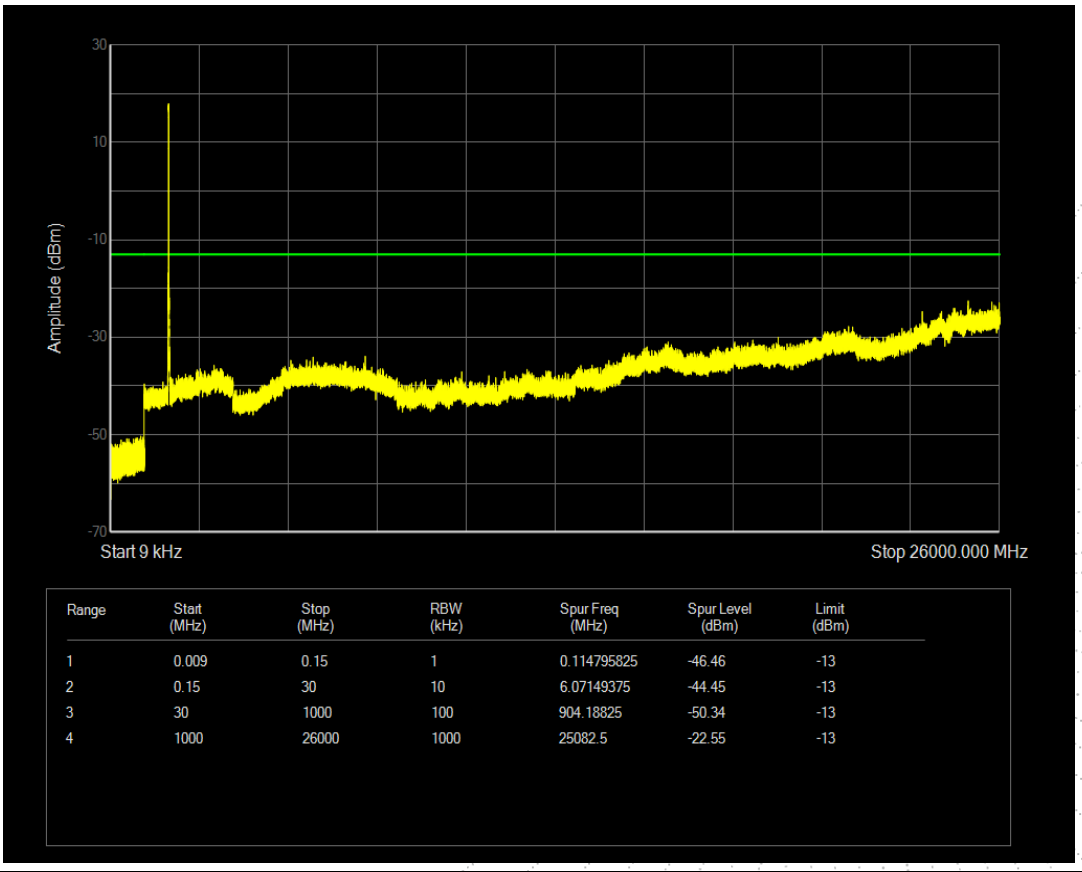

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009 | -44.32 | -13 |
| 2 | 0.15 | 30 | 10 | 6.122985 | -43.42 | -13 |
| 3 | 30 | 1000 | 100 | 854.403 | -48.85 | -13 |
| 4 | 1000 | 26000 | 1000 | 25926.25 | -23.25 | -13 |

Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0 NVNT



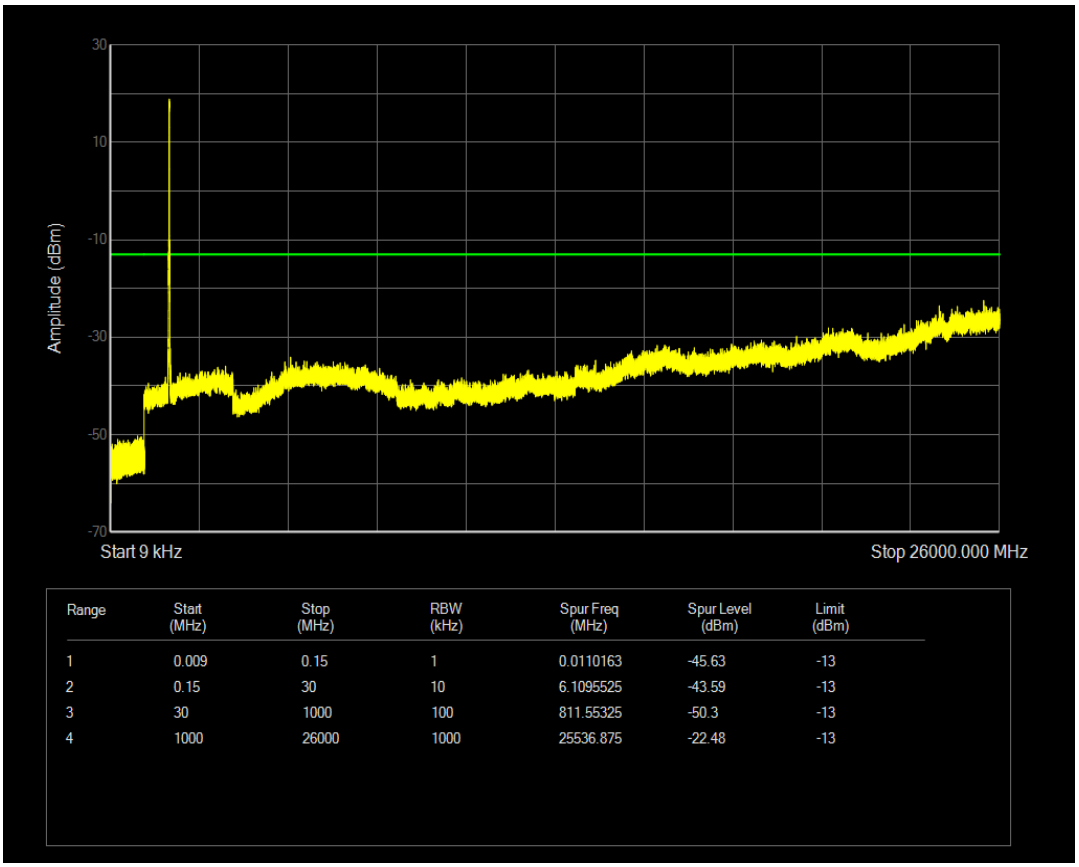

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009141 | -44.85 | -13 |
| 2 | 0.15 | 30 | 10 | 6.12074625 | -43.98 | -13 |
| 3 | 30 | 1000 | 100 | 920.92075 | -49.99 | -13 |
| 4 | 1000 | 26000 | 1000 | 24769.375 | -23.18 | -13 |

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



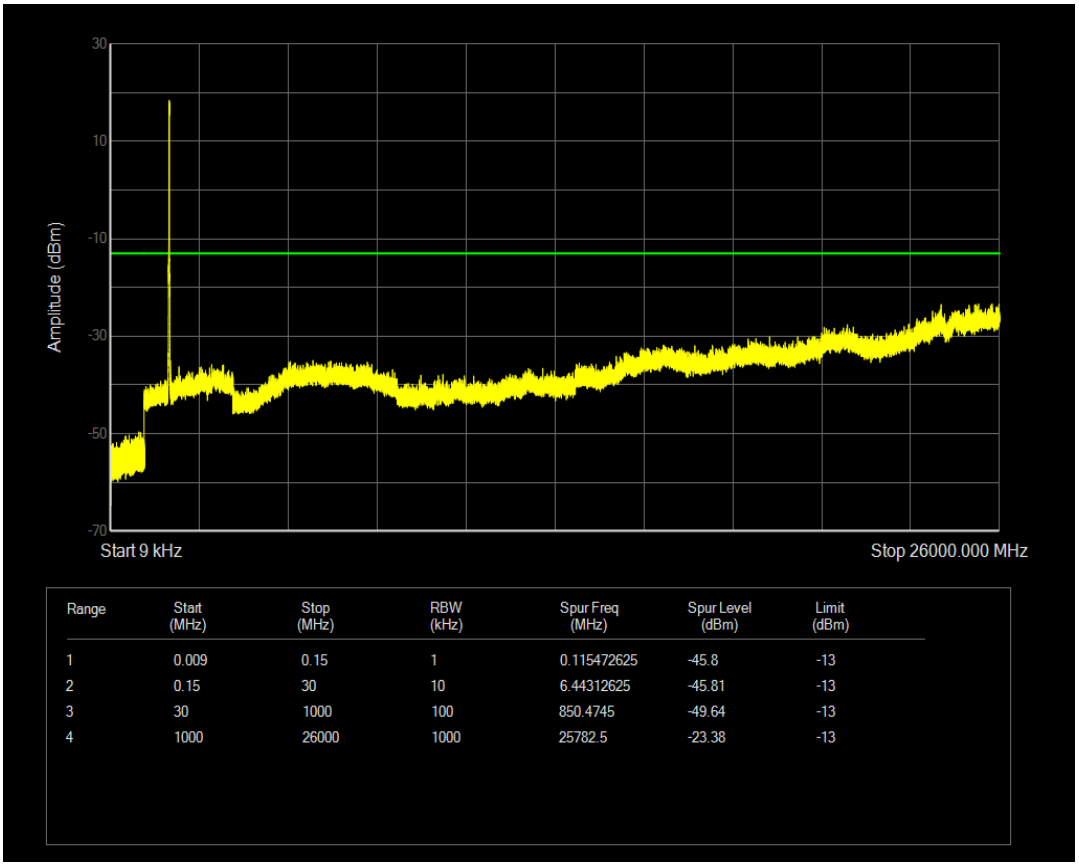

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.114795825 | -46.46 | -13 |
| 2 | 0.15 | 30 | 10 | 6.07149375 | -44.45 | -13 |
| 3 | 30 | 1000 | 100 | 904.18825 | -50.34 | -13 |
| 4 | 1000 | 26000 | 1000 | 25082.5 | -22.55 | -13 |

Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0 NVNT



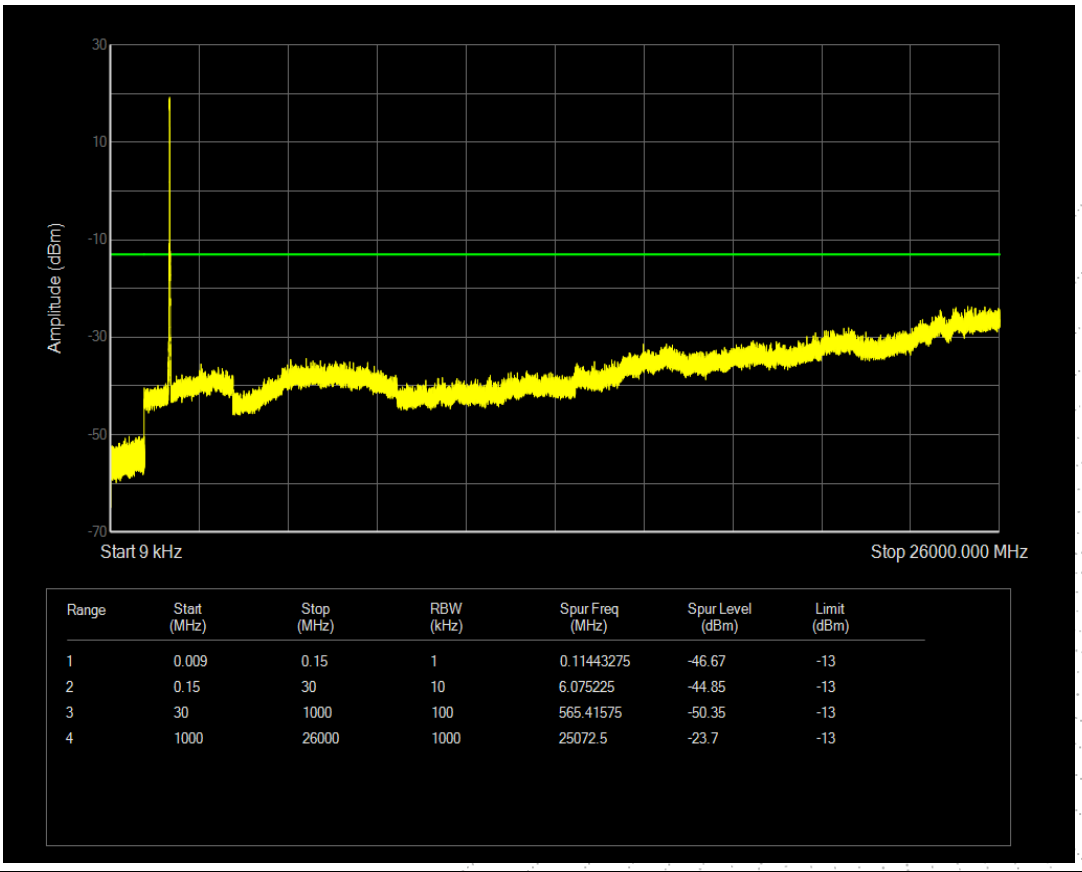

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0110163 | -45.63 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1095525 | -43.59 | -13 |
| 3 | 30 | 1000 | 100 | 811.55325 | -50.3 | -13 |
| 4 | 1000 | 26000 | 1000 | 25536.875 | -22.48 | -13 |

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



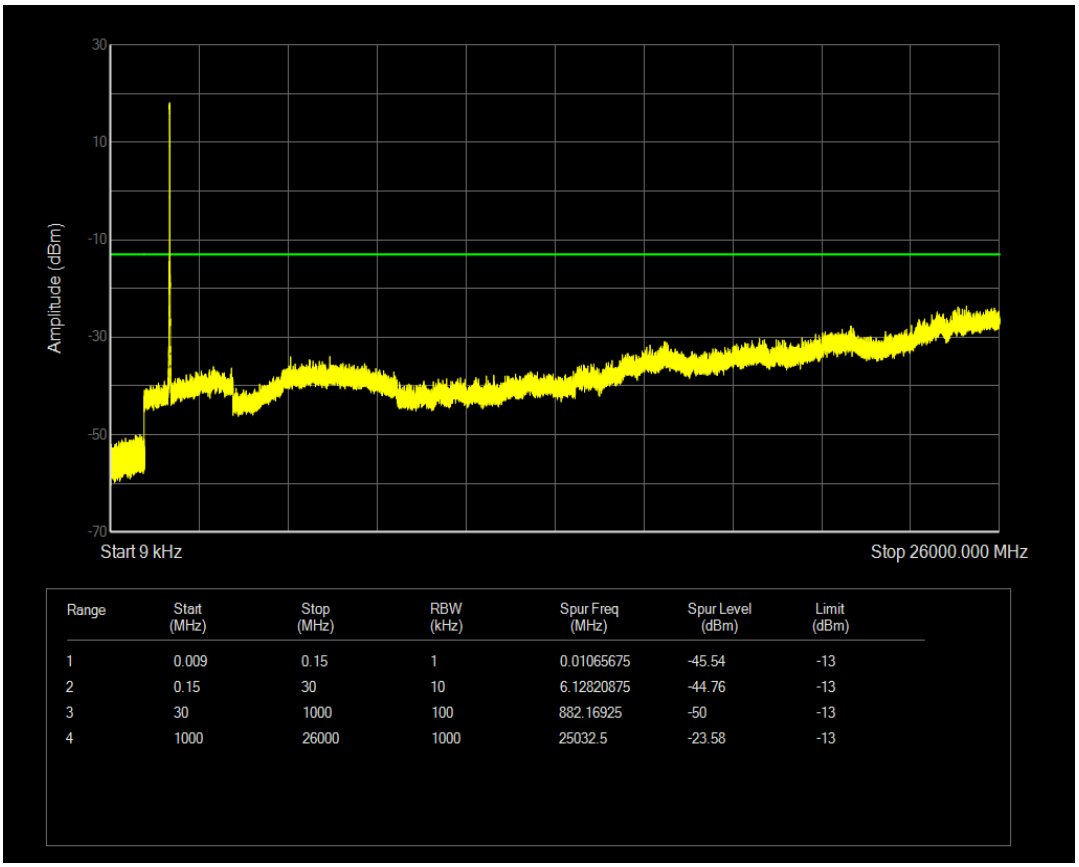

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.115472625 | -45.8 | -13 |
| 2 | 0.15 | 30 | 10 | 6.44312625 | -45.81 | -13 |
| 3 | 30 | 1000 | 100 | 850.4745 | -49.64 | -13 |
| 4 | 1000 | 26000 | 1000 | 25782.5 | -23.38 | -13 |

Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0 NVNT



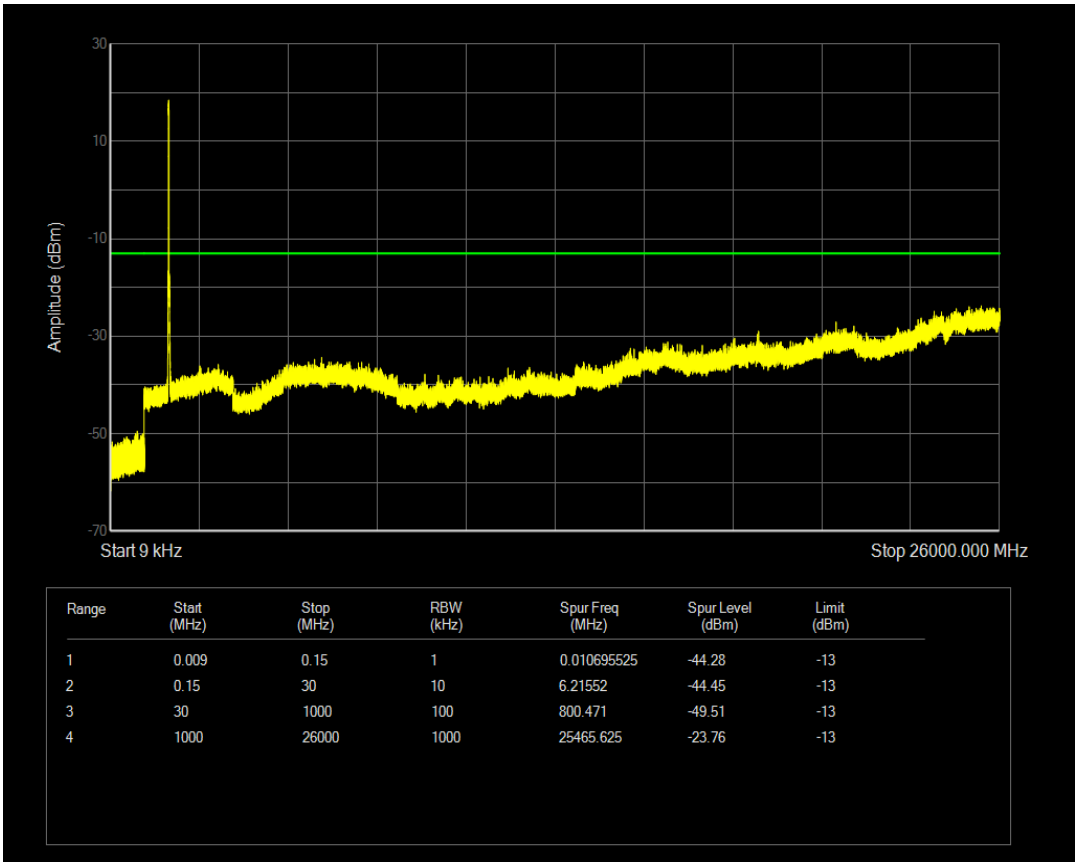

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.11443275 | -46.67 | -13 |
| 2 | 0.15 | 30 | 10 | 6.075225 | -44.85 | -13 |
| 3 | 30 | 1000 | 100 | 565.41575 | -50.35 | -13 |
| 4 | 1000 | 26000 | 1000 | 25072.5 | -23.7 | -13 |

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



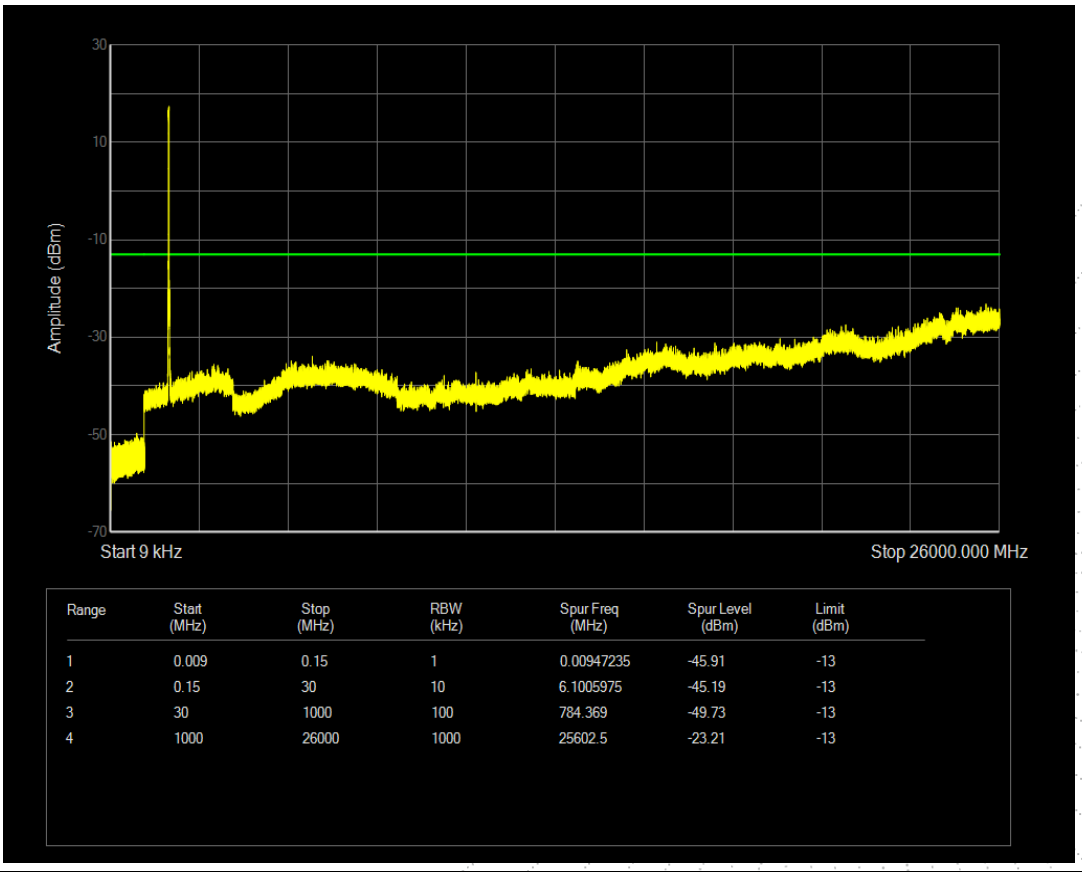

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.01065675 | -45.54 | -13 |
| 2 | 0.15 | 30 | 10 | 6.12820875 | -44.76 | -13 |
| 3 | 30 | 1000 | 100 | 882.16925 | -50 | -13 |
| 4 | 1000 | 26000 | 1000 | 25032.5 | -23.58 | -13 |

Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0 NVNT



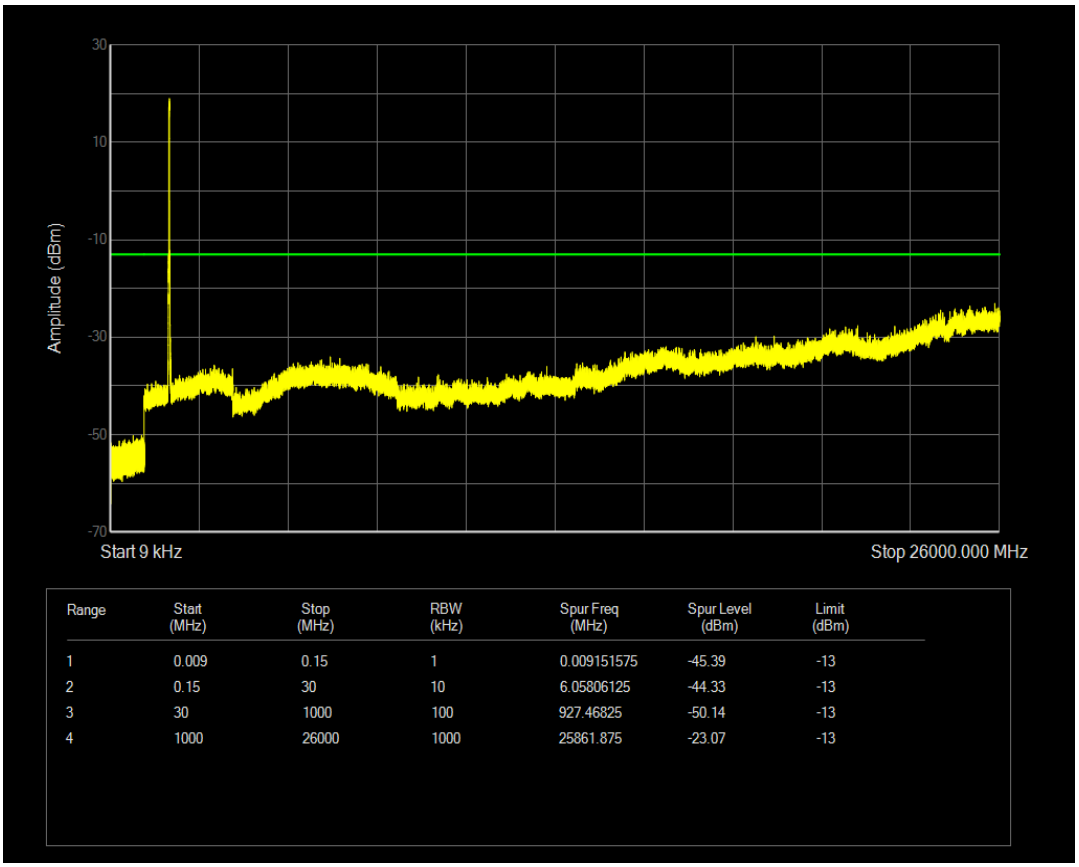

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.010695525 | -44.28 | -13 |
| 2 | 0.15 | 30 | 10 | 6.21552 | -44.45 | -13 |
| 3 | 30 | 1000 | 100 | 800.471 | -49.51 | -13 |
| 4 | 1000 | 26000 | 1000 | 25465.625 | -23.76 | -13 |

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



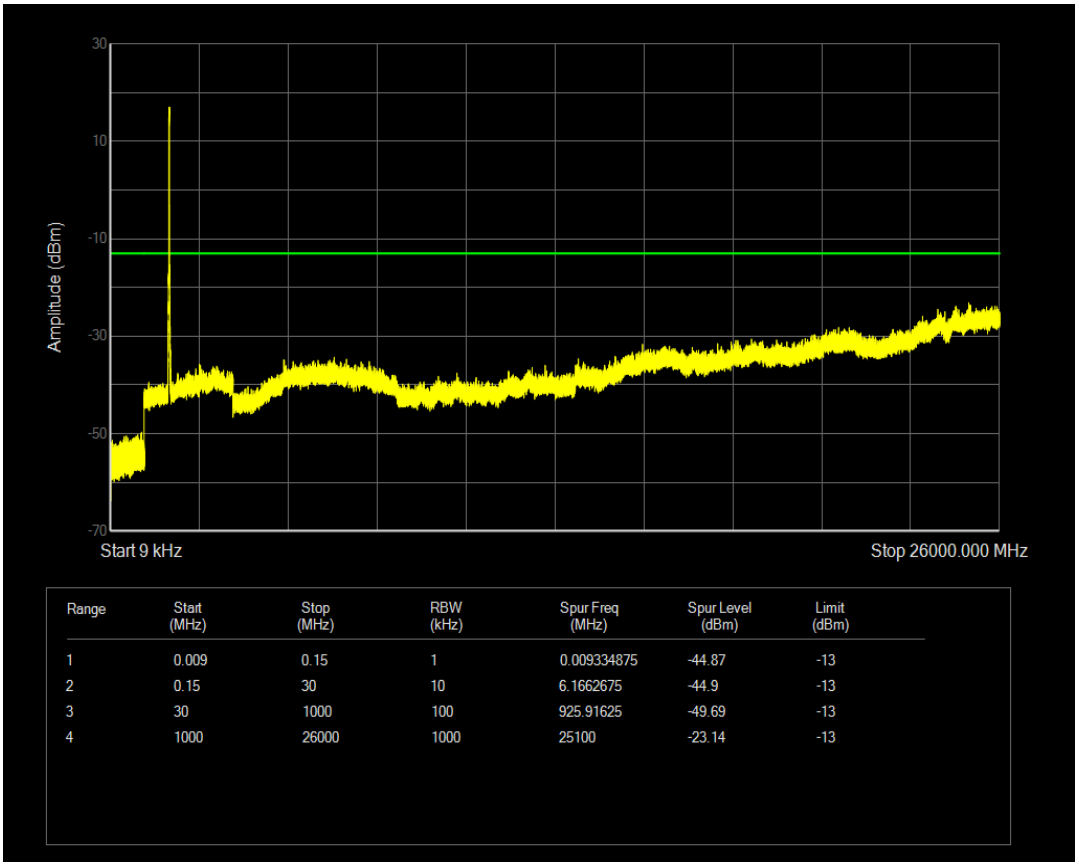

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.00947235 | -45.91 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1005975 | -45.19 | -13 |
| 3 | 30 | 1000 | 100 | 784.369 | -49.73 | -13 |
| 4 | 1000 | 26000 | 1000 | 25602.5 | -23.21 | -13 |

Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0 NVNT



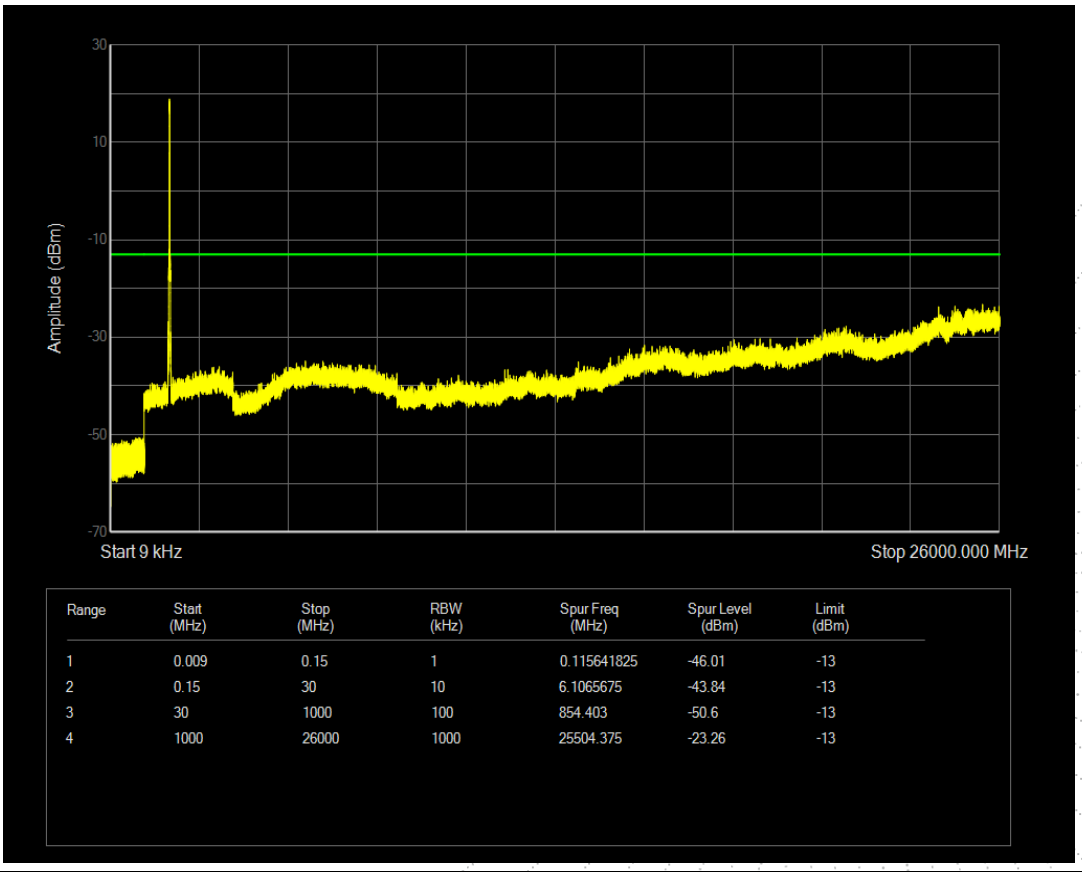

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009151575 | -45.39 | -13 |
| 2 | 0.15 | 30 | 10 | 6.05806125 | -44.33 | -13 |
| 3 | 30 | 1000 | 100 | 927.46825 | -50.14 | -13 |
| 4 | 1000 | 26000 | 1000 | 25861.875 | -23.07 | -13 |

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT



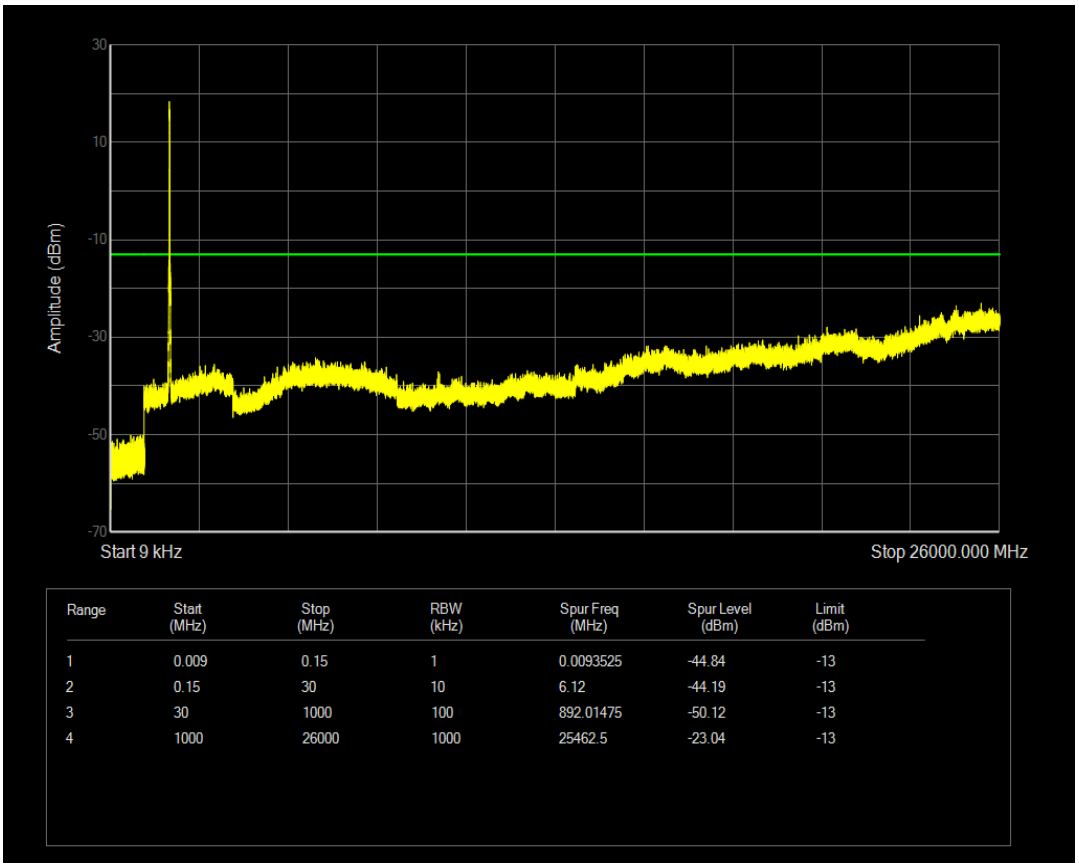

| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.009334875 | -44.87 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1662675 | -44.9 | -13 |
| 3 | 30 | 1000 | 100 | 925.91625 | -49.69 | -13 |
| 4 | 1000 | 26000 | 1000 | 25100 | -23.14 | -13 |

Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0 NVNT




| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.115641825 | -46.01 | -13 |
| 2 | 0.15 | 30 | 10 | 6.1065675 | -43.84 | -13 |
| 3 | 30 | 1000 | 100 | 854.403 | -50.6 | -13 |
| 4 | 1000 | 26000 | 1000 | 25504.375 | -23.26 | -13 |

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT




| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|---|---|---|---|---|---|---|
| 1 | 0.009 | 0.15 | 1 | 0.0093525 | -44.84 | -13 |
| 2 | 0.15 | 30 | 10 | 6.12 | -44.19 | -13 |
| 3 | 30 | 1000 | 100 | 892.01475 | -50.12 | -13 |
| 4 | 1000 | 26000 | 1000 | 25462.5 | -23.04 | -13 |

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0 NVNT