

# Appendix for Band 4

Report No.: BCTC2406563773-5E

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Applicant: Shenzhen Feiyufei Digital Technology Co., Ltd

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Product Name: Tablet

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Test Model: NET X2

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Tested Date: 2024-06-18 to 2024-06-27

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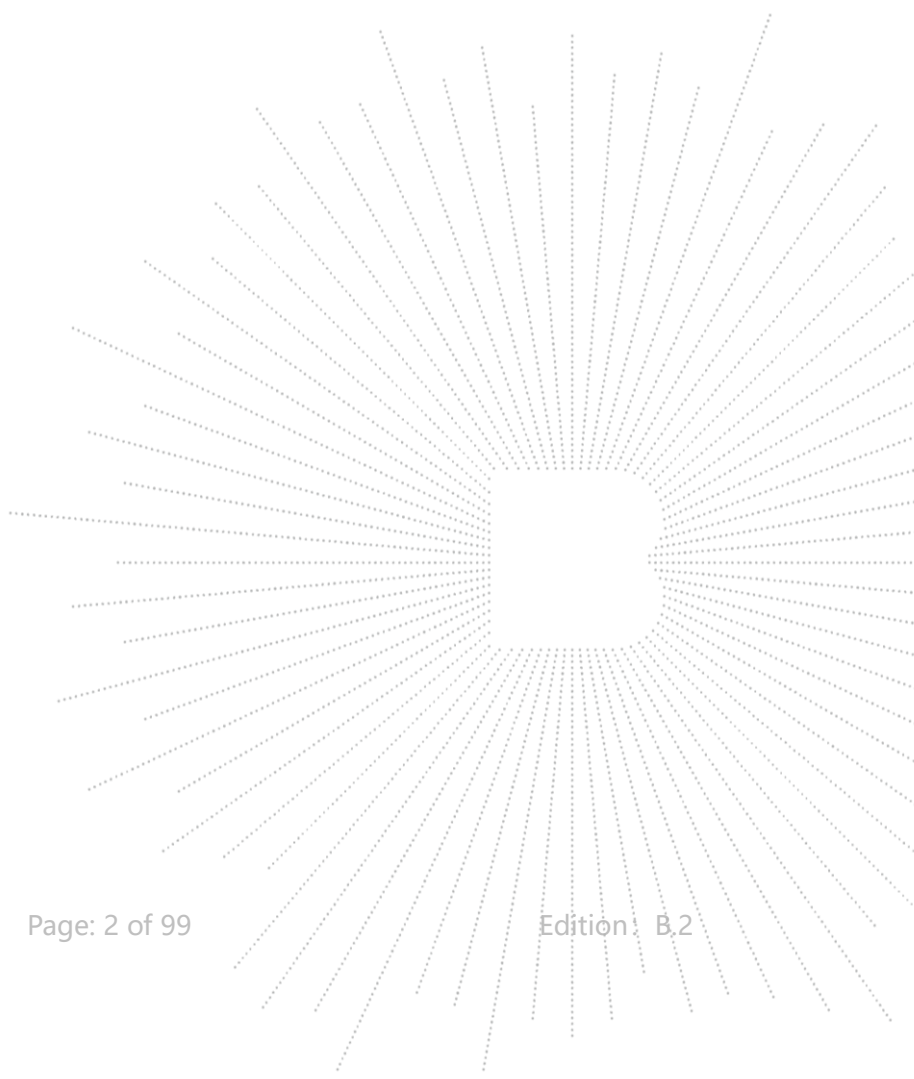
Issued Date: 2024-07-17

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

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## Appendix 1. Conducted output power

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|---------|
| Band4 | 1.4             | 19957      | 1       | #0          | QPSK       | 23.16       | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | QPSK       | 23.22       | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | QPSK       | 23.17       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | QPSK       | 23.07       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | QPSK       | 23.13       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | QPSK       | 23.06       | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | 22.19       | PASS    |
| Band4 | 1.4             | 19957      | 1       | #0          | 16QAM      | 23.67       | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | 16QAM      | 23.63       | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | 16QAM      | 23.66       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | 16QAM      | 22.34       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | 16QAM      | 22.36       | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | 16QAM      | 22.33       | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | 21.26       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QPSK       | 23.13       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | QPSK       | 23.12       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | QPSK       | 23.04       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | QPSK       | 23.20       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | QPSK       | 23.28       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | QPSK       | 23.26       | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | 22.25       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | 16QAM      | 23.42       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | 16QAM      | 23.44       | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | 16QAM      | 23.49       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | 16QAM      | 22.31       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | 16QAM      | 22.30       | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | 16QAM      | 22.35       | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | 16QAM      | 21.26       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | QPSK       | 23.38       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | QPSK       | 23.52       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | QPSK       | 23.39       | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | QPSK       | 23.15       | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | QPSK       | 23.19       | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Max        | QPSK       | 23.10       | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | 22.25       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | 16QAM      | 23.25       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | 16QAM      | 23.18       | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | 16QAM      | 23.34       | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | 16QAM      | 22.62       | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | 16QAM      | 22.56       | PASS    |

|       |     |       |    |      |       |       |      |
|-------|-----|-------|----|------|-------|-------|------|
| Band4 | 1.4 | 20393 | 3  | #Max | 16QAM | 22.59 | PASS |
| Band4 | 1.4 | 20393 | 6  | #0   | 16QAM | 21.41 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | QPSK  | 22.97 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | QPSK  | 23.01 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | QPSK  | 23.09 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | QPSK  | 22.13 | PASS |
| Band4 | 3   | 19965 | 8  | #Mid | QPSK  | 22.14 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | QPSK  | 22.07 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | QPSK  | 22.09 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | 16QAM | 23.71 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | 16QAM | 23.73 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | 16QAM | 23.72 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | 16QAM | 21.09 | PASS |
| Band4 | 3   | 19965 | 8  | #Mid | 16QAM | 21.10 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | 16QAM | 21.10 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | 16QAM | 21.34 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | QPSK  | 23.14 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | QPSK  | 23.12 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | QPSK  | 23.12 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | QPSK  | 22.21 | PASS |
| Band4 | 3   | 20175 | 8  | #Mid | QPSK  | 22.16 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | QPSK  | 22.23 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | QPSK  | 22.31 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | 16QAM | 23.43 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | 16QAM | 23.44 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | 16QAM | 23.45 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | 16QAM | 21.58 | PASS |
| Band4 | 3   | 20175 | 8  | #Mid | 16QAM | 21.54 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | 16QAM | 21.59 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | 16QAM | 21.33 | PASS |
| Band4 | 3   | 20385 | 1  | #0   | QPSK  | 23.48 | PASS |
| Band4 | 3   | 20385 | 1  | #Mid | QPSK  | 23.45 | PASS |
| Band4 | 3   | 20385 | 1  | #Max | QPSK  | 23.53 | PASS |
| Band4 | 3   | 20385 | 8  | #0   | QPSK  | 22.17 | PASS |
| Band4 | 3   | 20385 | 8  | #Mid | QPSK  | 22.17 | PASS |
| Band4 | 3   | 20385 | 8  | #Max | QPSK  | 22.24 | PASS |
| Band4 | 3   | 20385 | 15 | #0   | QPSK  | 22.26 | PASS |
| Band4 | 3   | 20385 | 1  | #0   | 16QAM | 23.23 | PASS |
| Band4 | 3   | 20385 | 1  | #Mid | 16QAM | 23.26 | PASS |
| Band4 | 3   | 20385 | 1  | #Max | 16QAM | 23.22 | PASS |
| Band4 | 3   | 20385 | 8  | #0   | 16QAM | 21.28 | PASS |
| Band4 | 3   | 20385 | 8  | #Mid | 16QAM | 21.29 | PASS |
| Band4 | 3   | 20385 | 8  | #Max | 16QAM | 21.31 | PASS |
| Band4 | 3   | 20385 | 15 | #0   | 16QAM | 21.34 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band4 | 5  | 19975 | 1  | #0   | QPSK  | 22.98 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QPSK  | 22.93 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QPSK  | 22.99 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QPSK  | 22.16 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | QPSK  | 22.08 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QPSK  | 22.12 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QPSK  | 22.09 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | 16QAM | 22.83 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | 16QAM | 22.81 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | 16QAM | 22.87 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | 16QAM | 21.12 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | 16QAM | 21.09 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | 16QAM | 21.05 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | 16QAM | 21.29 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QPSK  | 23.25 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QPSK  | 23.27 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QPSK  | 23.28 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QPSK  | 22.26 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | QPSK  | 22.20 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QPSK  | 22.25 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QPSK  | 22.22 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | 16QAM | 22.86 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | 16QAM | 22.77 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | 16QAM | 22.86 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | 16QAM | 21.10 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | 16QAM | 21.14 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | 16QAM | 21.19 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | 16QAM | 21.34 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QPSK  | 23.14 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QPSK  | 23.10 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QPSK  | 23.14 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QPSK  | 22.20 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | QPSK  | 22.26 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QPSK  | 22.21 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QPSK  | 22.31 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | 16QAM | 23.19 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | 16QAM | 23.16 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | 16QAM | 23.17 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | 16QAM | 21.28 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | 16QAM | 21.26 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | 16QAM | 21.21 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | 16QAM | 21.46 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QPSK  | 23.06 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QPSK  | 23.06 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band4 | 10 | 20000 | 1  | #Max | QPSK  | 23.12 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QPSK  | 22.05 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QPSK  | 22.10 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QPSK  | 22.10 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QPSK  | 22.23 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | 16QAM | 23.70 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | 16QAM | 23.76 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | 16QAM | 23.85 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | 16QAM | 21.26 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | 16QAM | 21.23 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | 16QAM | 21.27 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | 16QAM | 21.26 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QPSK  | 23.29 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QPSK  | 23.30 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QPSK  | 23.32 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QPSK  | 22.20 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QPSK  | 22.21 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QPSK  | 22.29 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QPSK  | 22.32 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | 16QAM | 22.70 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | 16QAM | 22.77 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | 16QAM | 22.79 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | 16QAM | 21.34 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | 16QAM | 21.39 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | 16QAM | 21.38 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | 16QAM | 21.37 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QPSK  | 23.30 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QPSK  | 23.35 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QPSK  | 23.28 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QPSK  | 22.22 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | QPSK  | 22.32 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QPSK  | 22.17 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QPSK  | 22.26 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | 16QAM | 22.87 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | 16QAM | 23.01 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | 16QAM | 22.83 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | 16QAM | 21.32 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | 16QAM | 21.41 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | 16QAM | 21.29 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | 16QAM | 21.35 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QPSK  | 23.20 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | QPSK  | 23.10 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QPSK  | 23.13 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | QPSK  | 22.15 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band4 | 15 | 20025 | 36 | #Mid | QPSK  | 22.16 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | QPSK  | 22.18 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | QPSK  | 22.06 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | 16QAM | 23.76 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | 16QAM | 23.82 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | 16QAM | 23.90 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | 16QAM | 21.19 | PASS |
| Band4 | 15 | 20025 | 36 | #Mid | 16QAM | 21.23 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | 16QAM | 21.22 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | 16QAM | 21.27 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | QPSK  | 23.26 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | QPSK  | 23.31 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | QPSK  | 23.39 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | QPSK  | 22.19 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | QPSK  | 22.29 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | QPSK  | 22.25 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | QPSK  | 22.28 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | 16QAM | 23.46 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | 16QAM | 23.43 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | 16QAM | 23.52 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | 16QAM | 21.38 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | 16QAM | 21.46 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | 16QAM | 21.43 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | 16QAM | 21.32 | PASS |
| Band4 | 15 | 20325 | 1  | #0   | QPSK  | 23.14 | PASS |
| Band4 | 15 | 20325 | 1  | #Mid | QPSK  | 23.11 | PASS |
| Band4 | 15 | 20325 | 1  | #Max | QPSK  | 23.11 | PASS |
| Band4 | 15 | 20325 | 36 | #0   | QPSK  | 22.24 | PASS |
| Band4 | 15 | 20325 | 36 | #Mid | QPSK  | 22.27 | PASS |
| Band4 | 15 | 20325 | 36 | #Max | QPSK  | 22.17 | PASS |
| Band4 | 15 | 20325 | 75 | #0   | QPSK  | 22.17 | PASS |
| Band4 | 15 | 20325 | 1  | #0   | 16QAM | 23.72 | PASS |
| Band4 | 15 | 20325 | 1  | #Mid | 16QAM | 23.73 | PASS |
| Band4 | 15 | 20325 | 1  | #Max | 16QAM | 23.72 | PASS |
| Band4 | 15 | 20325 | 36 | #0   | 16QAM | 21.26 | PASS |
| Band4 | 15 | 20325 | 36 | #Mid | 16QAM | 21.22 | PASS |
| Band4 | 15 | 20325 | 36 | #Max | 16QAM | 21.33 | PASS |
| Band4 | 15 | 20325 | 75 | #0   | 16QAM | 21.36 | PASS |
| Band4 | 20 | 20050 | 1  | #0   | QPSK  | 23.04 | PASS |
| Band4 | 20 | 20050 | 1  | #Mid | QPSK  | 23.09 | PASS |
| Band4 | 20 | 20050 | 1  | #Max | QPSK  | 23.18 | PASS |
| Band4 | 20 | 20050 | 50 | #0   | QPSK  | 22.10 | PASS |
| Band4 | 20 | 20050 | 50 | #Mid | QPSK  | 22.18 | PASS |
| Band4 | 20 | 20050 | 50 | #Max | QPSK  | 22.21 | PASS |

|       |    |       |     |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|
| Band4 | 20 | 20050 | 100 | #0   | QPSK  | 22.18 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | 16QAM | 22.25 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | 16QAM | 22.33 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | 16QAM | 22.46 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | 16QAM | 21.35 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | 16QAM | 21.33 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | 16QAM | 21.41 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | 16QAM | 21.22 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QPSK  | 23.18 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QPSK  | 23.24 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QPSK  | 23.26 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QPSK  | 22.14 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QPSK  | 22.25 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QPSK  | 22.27 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QPSK  | 22.32 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | 16QAM | 22.77 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | 16QAM | 22.87 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | 16QAM | 22.94 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | 16QAM | 21.28 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | 16QAM | 21.33 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | 16QAM | 21.37 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | 16QAM | 21.33 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QPSK  | 23.32 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QPSK  | 23.35 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QPSK  | 23.36 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QPSK  | 22.23 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QPSK  | 22.31 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QPSK  | 22.30 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QPSK  | 22.26 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | 16QAM | 22.85 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | 16QAM | 22.87 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | 16QAM | 22.92 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | 16QAM | 21.35 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | 16QAM | 21.39 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | 16QAM | 21.41 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | 16QAM | 21.36 | PASS |

## Appendix 2. Frequency stability

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Low Limit (ppm) | High Limit (ppm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|-----------------|------------------|---------|
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | LV            | NT              | 8.25        | 0.005        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | NT              | 23.09       | 0.013        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | HV            | NT              | 29.33       | 0.017        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | LV            | NT              | 31.70       | 0.019        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | NT              | 29.54       | 0.017        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | HV            | NT              | 25.66       | 0.015        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | LV            | NT              | -4.71       | -0.003       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | NV            | NT              | -6.62       | -0.004       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | HV            | NT              | -15.41      | -0.009       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | 16QAM      | LV            | NT              | 8.47        | 0.005        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | 16QAM      | NV            | NT              | 3.69        | 0.002        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | 16QAM      | HV            | NT              | -1.69       | -0.001       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | LV            | NT              | -5.19       | -0.003       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | NV            | NT              | -5.49       | -0.003       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | HV            | NT              | -4.38       | -0.002       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | 16QAM      | LV            | NT              | -3.25       | -0.002       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | 16QAM      | NV            | NT              | -0.51       | 0.000        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | 16QAM      | HV            | NT              | 1.50        | 0.001        | -2.5            | 2.5              | PASS    |



|           |   |       |    |    |       |    |    |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|----|------------|------------|------|-----|----------|
| Ban<br>d4 | 3 | 19965 | 15 | #0 | QPSK  | LV | NT | 33.5<br>3  | 0.02<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | QPSK  | NV | NT | 18.7<br>4  | 0.01<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | QPSK  | HV | NT | 29.0<br>3  | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | LV | NT | 30.6<br>0  | 0.01<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | NT | 25.8<br>2  | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | HV | NT | 19.7<br>8  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | LV | NT | -28.<br>92 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | NT | -33.<br>92 | -0.0<br>20 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | HV | NT | -41.<br>66 | -0.0<br>24 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | LV | NT | -2.5<br>9  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | NT | -11.2<br>9 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | HV | NT | -20.<br>23 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | LV | NT | -18.<br>30 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | NT | -19.<br>63 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | HV | NT | -20.<br>38 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | LV | NT | -20.<br>91 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | NT | -20.<br>44 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | HV | NT | -19.<br>56 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | LV | NT | 21.0<br>4  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | NT | 32.3<br>0  | 0.01<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | HV | NT | -2.8<br>2  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | LV | NT | -9.0<br>7  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |    |            |            |      |     |          |
|-----------|----|-------|----|----|-------|----|----|------------|------------|------|-----|----------|
| Ban<br>d4 | 5  | 19975 | 25 | #0 | 16QAM | NV | NT | -15.<br>71 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 19975 | 25 | #0 | 16QAM | HV | NT | -22.<br>69 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | QPSK  | LV | NT | -8.0<br>3  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | QPSK  | NV | NT | -11.3<br>3 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | QPSK  | HV | NT | -19.<br>67 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | 16QAM | LV | NT | -29.<br>34 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | 16QAM | NV | NT | -9.9<br>6  | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20175 | 25 | #0 | 16QAM | HV | NT | -8.5<br>7  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | QPSK  | LV | NT | -13.<br>56 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | QPSK  | NV | NT | -14.<br>45 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | QPSK  | HV | NT | -12.<br>56 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | LV | NT | -13.<br>45 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | NT | -10.<br>17 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | HV | NT | -7.1<br>8  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | LV | NT | 25.1<br>6  | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | NT | 19.8<br>0  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | HV | NT | 16.8<br>1  | 0.01<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | LV | NT | 1.56       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | NT | -14.<br>22 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | HV | NT | -31.<br>56 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | LV | NT | -27.<br>78 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | NT | -38.1<br>1 | -0.0<br>22 | -2.5 | 2.5 | PAS<br>S |

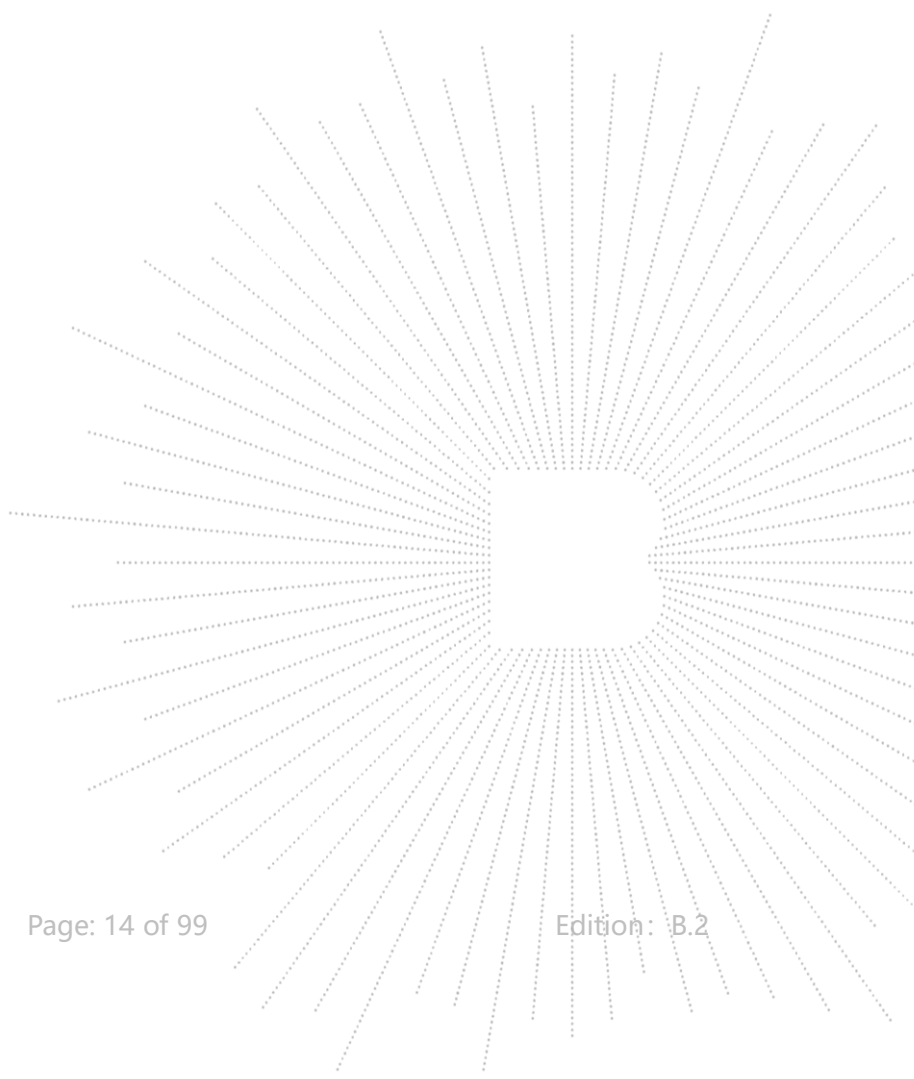


|           |    |       |    |    |       |    |    |            |            |      |     |          |
|-----------|----|-------|----|----|-------|----|----|------------|------------|------|-----|----------|
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | HV | NT | -13.<br>45 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | LV | NT | -29.<br>85 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | NT | -41.<br>60 | -0.0<br>24 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | HV | NT | -3.7<br>8  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | LV | NT | -9.0<br>7  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | NT | -7.9<br>0  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | HV | NT | -6.6<br>5  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | LV | NT | -7.2<br>0  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | NT | -6.8<br>8  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | HV | NT | -1.4<br>7  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | LV | NT | 12.2<br>5  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | NT | 25.0<br>1  | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | HV | NT | 6.41       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | LV | NT | -23.<br>06 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | NT | -22.<br>00 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | HV | NT | -31.<br>61 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | LV | NT | -13.<br>60 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | NT | -25.<br>81 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | HV | NT | -18.<br>90 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | LV | NT | -21.<br>76 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | NT | -35.<br>12 | -0.0<br>20 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | HV | NT | -5.7<br>9  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |         |    |       |    |    |            |            |      |     |          |
|-----------|----|-------|---------|----|-------|----|----|------------|------------|------|-----|----------|
| Ban<br>d4 | 15 | 20325 | 75      | #0 | QPSK  | LV | NT | -2.9<br>5  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | QPSK  | NV | NT | 1.95       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | QPSK  | HV | NT | 4.96       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | LV | NT | 9.53       | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | NT | 14.7<br>6  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | HV | NT | 23.1<br>2  | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | LV | NT | 22.6<br>6  | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | NT | 15.4<br>1  | 0.00<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | HV | NT | -8.0<br>0  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | LV | NT | -17.<br>57 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | NT | -33.<br>39 | -0.0<br>19 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | HV | NT | -24.<br>30 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | LV | NT | -19.<br>91 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | NT | -33.<br>03 | -0.0<br>19 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | HV | NT | -11.1<br>4 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | LV | NT | -29.<br>20 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | NT | -17.<br>75 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | HV | NT | -0.5<br>4  | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | LV | NT | 5.15       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | NT | 8.15       | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | HV | NT | 10.2<br>6  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | LV | NT | 10.2<br>9  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |

|           |    |       |         |    |       |    |    |           |           |      |     |          |
|-----------|----|-------|---------|----|-------|----|----|-----------|-----------|------|-----|----------|
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | NT | 13.8<br>3 | 0.00<br>8 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | HV | NT | 19.7<br>8 | 0.01<br>1 | -2.5 | 2.5 | PAS<br>S |





| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Low Limit (ppm) | High Limit (ppm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|-----------------|------------------|---------|
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | -30             | 15.54       | 0.009        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | -20             | 26.25       | 0.015        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | -10             | 30.14       | 0.018        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 0               | 27.21       | 0.016        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 10              | 19.01       | 0.011        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 20              | 8.58        | 0.005        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 30              | -3.63       | -0.002       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 40              | -16.39      | -0.010       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | NV            | 50              | -30.33      | -0.018       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | -30             | -26.85      | -0.016       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | -20             | -21.00      | -0.012       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | -10             | -32.19      | -0.019       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 0               | 6.85        | 0.004        | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 10              | -2.32       | -0.001       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 20              | -9.18       | -0.005       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 30              | -18.10      | -0.011       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 40              | -25.49      | -0.015       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | NV            | 50              | -32.17      | -0.019       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | NV            | -30             | -8.31       | -0.005       | -2.5            | 2.5              | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | NV            | -20             | -16.39      | -0.010       | -2.5            | 2.5              | PASS    |



|           |     |       |   |    |       |    |     |            |            |      |     |          |
|-----------|-----|-------|---|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |     |       |   |    |       |    |     | 81         | 10         |      |     | S        |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | -10 | -23.<br>69 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 0   | 3.40       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 10  | -8.2<br>3  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 20  | -17.<br>98 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 30  | -31.<br>33 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 40  | -5.7<br>8  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | QPSK  | NV | 50  | -17.<br>29 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | -30 | -30.<br>18 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | -20 | -2.6<br>8  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | -10 | -11.9<br>3 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 0   | -21.<br>13 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 10  | -27.<br>65 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 20  | -34.<br>76 | -0.0<br>20 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 30  | -7.2<br>2  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 40  | -10.<br>36 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20175 | 6 | #0 | 16QAM | NV | 50  | -14.<br>72 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6 | #0 | QPSK  | NV | -30 | -19.<br>81 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6 | #0 | QPSK  | NV | -20 | -20.<br>41 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6 | #0 | QPSK  | NV | -10 | -20.<br>73 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6 | #0 | QPSK  | NV | 0   | -22.<br>04 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6 | #0 | QPSK  | NV | 10  | -23.<br>98 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 1.4 | 20393 | 6 | #0 | QPSK  | NV | 20  | -25.       | -0.0       | -2.5 | 2.5 | PAS      |



|           |     |       |    |    |       |    |     |            |            |      |     |          |
|-----------|-----|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |     |       |    |    |       |    |     | 13         | 14         |      |     | S        |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | QPSK  | NV | 30  | -28.<br>00 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | QPSK  | NV | 40  | -29.<br>31 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | QPSK  | NV | 50  | -31.<br>71 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | -30 | -29.<br>71 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | -20 | 1.52       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | -10 | 3.72       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 0   | 5.06       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 10  | 5.58       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 20  | 4.92       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 30  | 6.27       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 40  | 9.71       | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 1.4 | 20393 | 6  | #0 | 16QAM | NV | 50  | 9.73       | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | -30 | -5.7<br>6  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | -20 | 10.1<br>1  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | -10 | 16.2<br>2  | 0.00<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 0   | 13.4<br>5  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 10  | 5.62       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 20  | -4.9<br>6  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 30  | -17.<br>82 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 40  | -16.<br>58 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3   | 19965 | 15 | #0 | QPSK  | NV | 50  | 5.72       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 3   | 19965 | 15 | #0 | 16QAM | NV | -30 | -10.       | -0.0       | -2.5 | 2.5 | PAS      |



|           |   |       |    |    |       |    |     |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |   |       |    |    |       |    |     | 37         | 06         |      |     | S        |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | -20 | -19.<br>68 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | -10 | -30.1<br>1 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 0   | -40.<br>84 | -0.0<br>24 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 10  | -23.<br>83 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 20  | -30.<br>17 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 30  | -36.<br>15 | -0.0<br>21 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 40  | -4.9<br>1  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 19965 | 15 | #0 | 16QAM | NV | 50  | -11.1<br>2 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | -30 | -18.<br>17 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | -20 | -22.<br>30 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | -10 | -29.<br>01 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 0   | -30.<br>61 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 10  | -10.<br>90 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 20  | -20.<br>27 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 30  | -31.<br>49 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 40  | -13.<br>20 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | QPSK  | NV | 50  | -3.4<br>0  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | -30 | -15.<br>75 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | -20 | -23.<br>39 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | -10 | -31.<br>91 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 0   | -40.<br>34 | -0.0<br>23 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 3 | 20175 | 15 | #0 | 16QAM | NV | 10  | 2.92       | 0.00       | -2.5 | 2.5 | PAS      |



|           |   |       |    |    |       |    |     |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |   |       |    |    |       |    |     |            | 2          |      |     | S        |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 20  | -4.6<br>3  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 30  | -8.5<br>1  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 40  | -14.<br>98 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20175 | 15 | #0 | 16QAM | NV | 50  | -21.<br>83 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | -30 | -11.7<br>7 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | -20 | -12.<br>15 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | -10 | -12.<br>69 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 0   | -12.<br>86 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 10  | -13.<br>55 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 20  | -16.<br>02 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 30  | -16.<br>24 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 40  | -16.<br>06 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | QPSK  | NV | 50  | -17.<br>07 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | -30 | -18.<br>12 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | -20 | -17.<br>64 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | -10 | -20.<br>21 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 0   | 1.32       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 10  | 31.2<br>7  | 0.01<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 20  | 33.1<br>3  | 0.01<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 30  | 18.8<br>0  | 0.01<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 3 | 20385 | 15 | #0 | 16QAM | NV | 40  | 37.1<br>5  | 0.02<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 3 | 20385 | 15 | #0 | 16QAM | NV | 50  | 34.2       | 0.02       | -2.5 | 2.5 | PAS      |



|           |   |       |    |    |       |    |     |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |   |       |    |    |       |    |     | 6          | 0          |      |     | S        |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | -30 | 28.4<br>7  | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | -20 | -7.0<br>7  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | -10 | 7.40       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 0   | 10.2<br>3  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 10  | 8.47       | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 20  | 4.21       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 30  | -3.6<br>0  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 40  | -10.<br>51 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | QPSK  | NV | 50  | -18.<br>27 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | -30 | -25.<br>05 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | -20 | -30.<br>27 | -0.0<br>18 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | -10 | -34.<br>02 | -0.0<br>20 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 0   | -36.<br>52 | -0.0<br>21 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 10  | -38.<br>82 | -0.0<br>23 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 20  | -40.<br>18 | -0.0<br>23 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 30  | -40.<br>48 | -0.0<br>24 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 40  | -39.<br>47 | -0.0<br>23 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 19975 | 25 | #0 | 16QAM | NV | 50  | -41.<br>54 | -0.0<br>24 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | -30 | 11.1<br>6  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | -20 | 6.87       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | -10 | 5.19       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 5 | 20175 | 25 | #0 | QPSK  | NV | 0   | -0.9       | -0.0       | -2.5 | 2.5 | PAS      |



|           |   |       |    |    |       |    |     |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |   |       |    |    |       |    |     | 0          | 01         |      |     | S        |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | 10  | -6.9<br>0  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | 20  | -14.<br>12 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | 30  | -21.<br>44 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | 40  | -29.<br>14 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | QPSK  | NV | 50  | 1.72       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | -30 | -5.6<br>4  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | -20 | -10.<br>34 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | -10 | -13.<br>83 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 0   | -15.<br>18 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 10  | -17.<br>60 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 20  | -17.<br>24 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 30  | -17.<br>54 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 40  | -18.<br>07 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20175 | 25 | #0 | 16QAM | NV | 50  | -17.<br>02 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | -30 | 2.90       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | -20 | 8.81       | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | -10 | 15.4<br>8  | 0.00<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | 0   | 20.9<br>6  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | 10  | 25.2<br>5  | 0.01<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | 20  | 30.3<br>4  | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5 | 20375 | 25 | #0 | QPSK  | NV | 30  | 35.0<br>6  | 0.02<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 5 | 20375 | 25 | #0 | QPSK  | NV | 40  | 14.3       | 0.00       | -2.5 | 2.5 | PAS      |



|           |    |       |    |    |       |    |     |      |      |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|------|------|------|-----|----------|
| d4        |    |       |    |    |       |    |     | 2    | 8    |      |     | S        |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | QPSK  | NV | 50  | 7.87 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | -30 | 13.7 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | -20 | 19.3 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | -10 | 26.8 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 0   | 32.8 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 10  | 41.8 | 0.02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 20  | 11.7 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 30  | 19.4 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 40  | 27.1 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 5  | 20375 | 25 | #0 | 16QAM | NV | 50  | 34.6 | 0.02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | -30 | 2.75 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | -20 | 18.5 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | -10 | 17.7 | 0.01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 0   | 7.12 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 10  | -6.5 | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 20  | -22. | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 30  | -38. | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 40  | -5.2 | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | QPSK  | NV | 50  | -20. | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | -30 | -35. | -0.0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | -20 | 4.68 | 0.00 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 10 | 20000 | 50 | #0 | 16QAM | NV | -10 | -2.1 | -0.0 | -2.5 | 2.5 | PAS      |



|           |    |       |    |    |       |    |     |            |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |    |       |    |    |       |    |     | 0          | 01         |      |     | S        |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 0   | -8.6<br>7  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 10  | -14.<br>10 | -0.0<br>08 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 20  | -17.<br>18 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 30  | -21.<br>19 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 40  | -25.<br>36 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20000 | 50 | #0 | 16QAM | NV | 50  | -27.<br>67 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | -30 | 6.31       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | -20 | 6.39       | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | -10 | 3.12       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 0   | -3.0<br>2  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 10  | -9.7<br>1  | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 20  | -18.<br>68 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 30  | -26.<br>48 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 40  | -28.<br>42 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | QPSK  | NV | 50  | 8.18       | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | -30 | 1.80       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | -20 | -2.1<br>7  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | -10 | -2.5<br>9  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 0   | -3.8<br>2  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 10  | -4.4<br>1  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 20  | -3.7<br>1  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 10 | 20175 | 50 | #0 | 16QAM | NV | 30  | -3.3       | -0.0       | -2.5 | 2.5 | PAS      |



|           |    |       |    |    |       |    |     |           |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| d4        |    |       |    |    |       |    |     | 9         | 02         |      |     | S        |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 40  | -2.3<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20175 | 50 | #0 | 16QAM | NV | 50  | -3.2<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | -30 | 6.19      | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | -20 | 12.8<br>5 | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | -10 | 18.7<br>7 | 0.01<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 0   | 25.7<br>9 | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 10  | 29.6<br>4 | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 20  | 33.8<br>9 | 0.01<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 30  | 38.3<br>8 | 0.02<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 40  | 42.7<br>3 | 0.02<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | QPSK  | NV | 50  | -3.2<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | -30 | 2.23      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | -20 | 7.60      | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | -10 | 15.0<br>8 | 0.00<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 0   | 23.3<br>0 | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 10  | 33.0<br>7 | 0.01<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 20  | 3.69      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 30  | 11.9<br>0 | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 40  | 18.8<br>8 | 0.01<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 10 | 20350 | 50 | #0 | 16QAM | NV | 50  | 26.8<br>7 | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | -30 | 31.4<br>4 | 0.01<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 15 | 20025 | 75 | #0 | QPSK  | NV | -20 | 6.08      | 0.00       | -2.5 | 2.5 | PAS      |



|           |    |       |    |    |       |    |     |            |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |    |       |    |    |       |    |     |            | 4          |      |     | S        |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | -10 | -9.2<br>3  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 0   | -35.<br>32 | -0.0<br>21 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 10  | -26.<br>98 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 20  | -17.<br>44 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 30  | -20.<br>38 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 40  | -7.9<br>0  | -0.0<br>05 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | QPSK  | NV | 50  | -16.<br>19 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | -30 | -15.<br>01 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | -20 | -29.<br>80 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | -10 | -3.5<br>5  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 0   | -9.7<br>4  | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 10  | -16.<br>59 | -0.0<br>10 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 20  | -22.<br>20 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 30  | -26.<br>55 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 40  | -33.<br>29 | -0.0<br>19 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20025 | 75 | #0 | 16QAM | NV | 50  | -19.<br>63 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | -30 | -2.7<br>8  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | -20 | -4.2<br>2  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | -10 | -10.<br>67 | -0.0<br>06 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | 0   | -20.<br>08 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | 10  | -25.<br>94 | -0.0<br>15 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 15 | 20175 | 75 | #0 | QPSK  | NV | 20  | -0.9       | -0.0       | -2.5 | 2.5 | PAS      |



|           |    |       |    |    |       |    |     |            |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |    |       |    |    |       |    |     | 0          | 01         |      |     | S        |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | 30  | -11.7<br>4 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | 40  | -20.<br>80 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | QPSK  | NV | 50  | -28.<br>92 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | -30 | 13.9<br>5  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | -20 | 10.1<br>0  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | -10 | 9.94<br>6  | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 0   | 12.0<br>7  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 10  | 12.6<br>0  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 20  | 14.1<br>8  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 30  | 14.0<br>8  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 40  | 13.8<br>9  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20175 | 75 | #0 | 16QAM | NV | 50  | 14.5<br>8  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | -30 | 2.22<br>1  | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | -20 | 12.9<br>2  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | -10 | 21.5<br>0  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 0   | 29.5<br>8  | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 10  | 37.0<br>9  | 0.02<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 20  | -5.2<br>8  | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 30  | 1.34<br>1  | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 40  | 8.07<br>5  | 0.00<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75 | #0 | QPSK  | NV | 50  | 13.9<br>0  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 15 | 20325 | 75 | #0 | 16QAM | NV | -30 | 21.2       | 0.01       | -2.5 | 2.5 | PAS      |



|           |    |       |         |    |       |    |     |            |            |      |     |          |
|-----------|----|-------|---------|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |    |       |         |    |       |    |     | 4          | 2          |      |     | S        |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | -20 | 30.4<br>0  | 0.01<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | -10 | 2.90       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 0   | 13.8<br>9  | 0.00<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 10  | 26.4<br>1  | 0.01<br>5  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 20  | 23.5<br>0  | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 30  | 22.4<br>0  | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 40  | 31.2<br>7  | 0.01<br>8  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 15 | 20325 | 75      | #0 | 16QAM | NV | 50  | 36.1<br>5  | 0.02<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | -30 | 9.96       | 0.00<br>6  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | -20 | 4.52       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | -10 | -18.<br>77 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 0   | -1.7<br>6  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 10  | -29.<br>60 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 20  | -32.<br>87 | -0.0<br>19 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 30  | -12.<br>60 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 40  | -15.<br>28 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | QPSK  | NV | 50  | -27.<br>61 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | -30 | -3.0<br>8  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | -20 | -18.1<br>1 | -0.01<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | -10 | -28.<br>87 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | 0   | -23.<br>50 | -0.0<br>14 | -2.5 | 2.5 | PAS<br>S |
| Ban       | 20 | 20050 | 10      | #0 | 16QAM | NV | 10  | -8.8       | -0.0       | -2.5 | 2.5 | PAS      |



|           |    |       |         |    |       |    |     |            |            |      |     |          |
|-----------|----|-------|---------|----|-------|----|-----|------------|------------|------|-----|----------|
| d4        |    |       | 0       |    |       |    |     | 0          | 05         |      |     | S        |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | 20  | -16.<br>32 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | 30  | -23.<br>00 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | 40  | -29.<br>54 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20050 | 10<br>0 | #0 | 16QAM | NV | 50  | -37.<br>52 | -0.0<br>22 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | -30 | -3.9<br>6  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | -20 | -5.11      | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | -10 | -12.<br>72 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 0   | -21.<br>77 | -0.0<br>13 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 10  | -27.<br>55 | -0.0<br>16 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 20  | -3.0<br>2  | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 30  | -11.4<br>3 | -0.0<br>07 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 40  | -20.<br>27 | -0.0<br>12 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | QPSK  | NV | 50  | -29.<br>28 | -0.0<br>17 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | -30 | -35.<br>52 | -0.0<br>21 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | -20 | 11.5<br>6  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | -10 | 12.2<br>0  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | 0   | 15.6<br>5  | 0.00<br>9  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | 10  | 17.4<br>4  | 0.01<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | 20  | 19.8<br>1  | 0.01<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | 30  | 21.0<br>7  | 0.01<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20175 | 10<br>0 | #0 | 16QAM | NV | 40  | 22.4<br>0  | 0.01<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban       | 20 | 20175 | 10      | #0 | 16QAM | NV | 50  | 23.7       | 0.01       | -2.5 | 2.5 | PAS      |



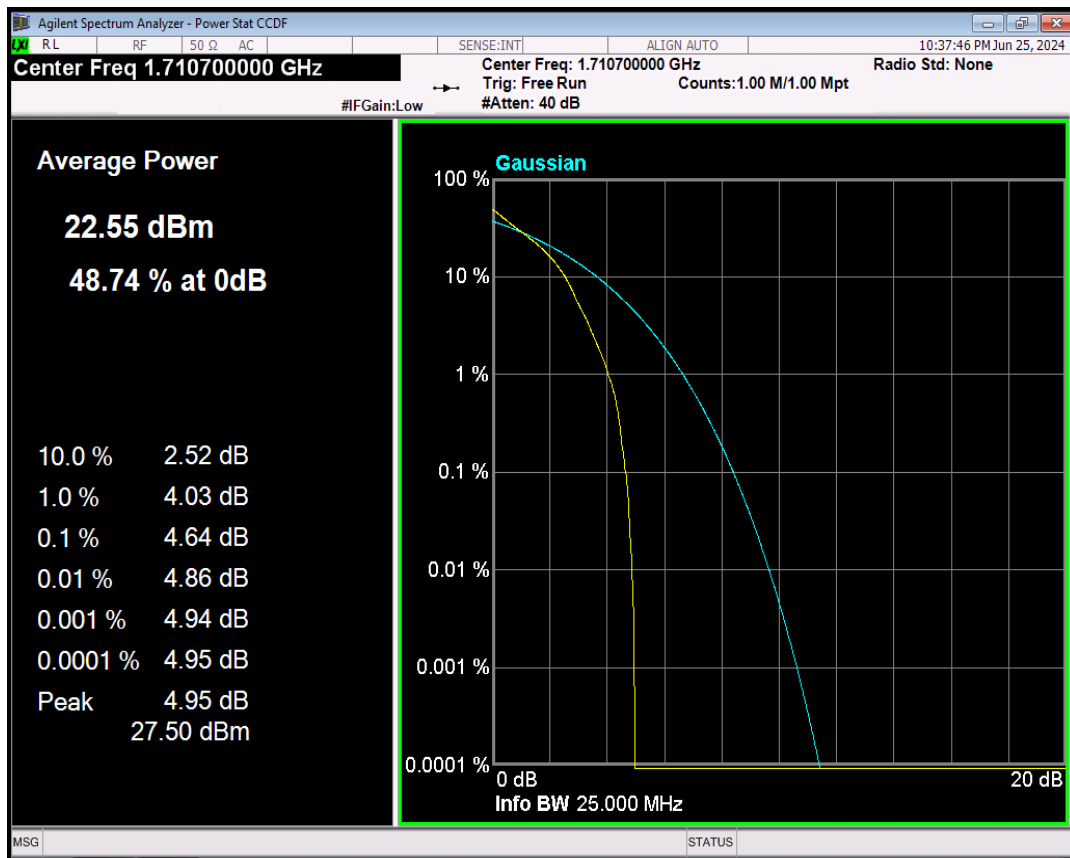
|           |    |       |         |    |       |    |     |           |           |      |     |          |
|-----------|----|-------|---------|----|-------|----|-----|-----------|-----------|------|-----|----------|
| d4        |    |       | 0       |    |       |    |     | 5         | 4         |      |     | S        |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | -30 | 0.56      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | -20 | 10.0<br>7 | 0.00<br>6 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | -10 | 15.1<br>9 | 0.00<br>9 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 0   | 21.1<br>6 | 0.01<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 10  | 25.0<br>5 | 0.01<br>4 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 20  | 29.4<br>5 | 0.01<br>7 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 30  | 33.1<br>4 | 0.01<br>9 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 40  | 36.6<br>2 | 0.02<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | QPSK  | NV | 50  | 39.7<br>8 | 0.02<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | -30 | 44.9<br>5 | 0.02<br>6 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | -20 | 3.72      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | -10 | 12.8<br>7 | 0.00<br>7 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 0   | 22.5<br>0 | 0.01<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 10  | 33.4<br>3 | 0.01<br>9 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 20  | 4.39      | 0.00<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 30  | 12.7<br>7 | 0.00<br>7 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 40  | 20.8<br>6 | 0.01<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d4 | 20 | 20300 | 10<br>0 | #0 | 16QAM | NV | 50  | 27.9<br>5 | 0.01<br>6 | -2.5 | 2.5 | PAS<br>S |

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

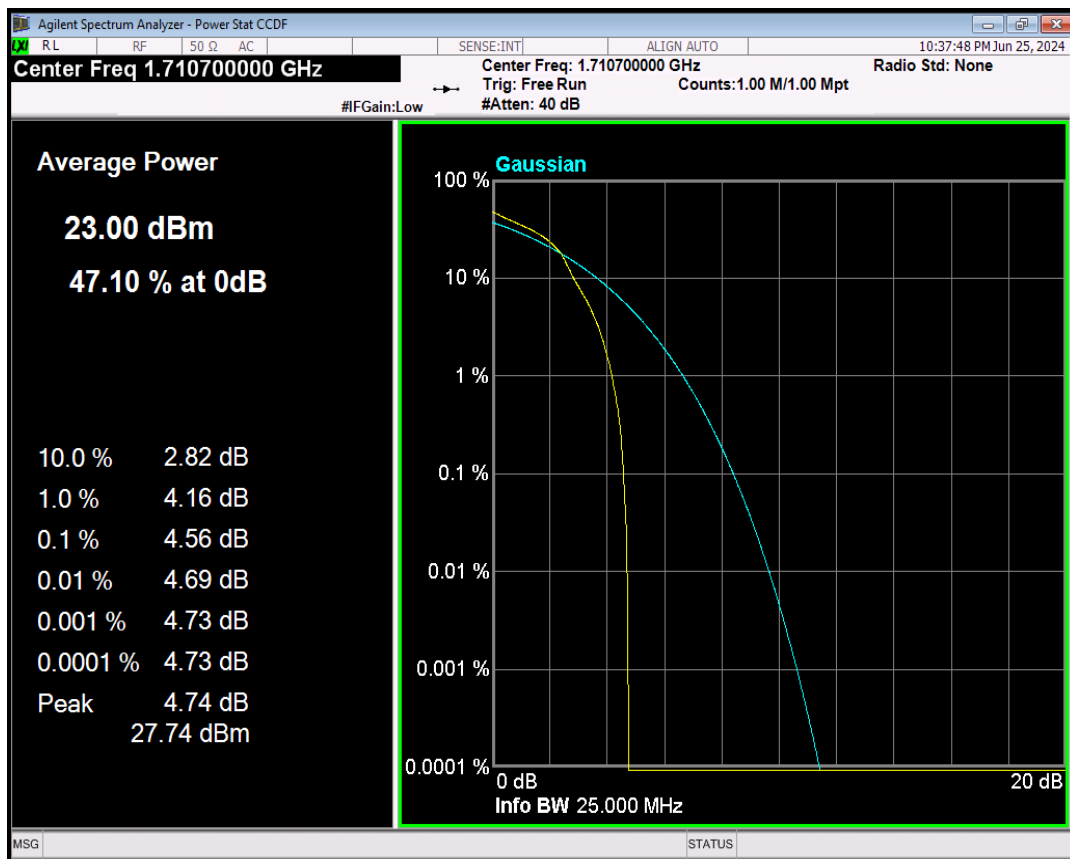
| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Result<br>(dB) | high Limit<br>(dB) | Verdict |
|-------|--------------------|---------------|------------|----------------|------------|----------------|--------------------|---------|
| Band4 | 1.4                | 19957         | 1          | #0             | QPSK       | 4.64           | 13                 | PASS    |
| Band4 | 1.4                | 19957         | 1          | #0             | 16QAM      | 4.56           | 13                 | PASS    |
| Band4 | 1.4                | 20175         | 1          | #0             | QPSK       | 5.08           | 13                 | PASS    |
| Band4 | 1.4                | 20175         | 1          | #0             | 16QAM      | 5.67           | 13                 | PASS    |
| Band4 | 1.4                | 20393         | 1          | #0             | QPSK       | 3.38           | 13                 | PASS    |
| Band4 | 1.4                | 20393         | 1          | #0             | 16QAM      | 4.02           | 13                 | PASS    |
| Band4 | 3                  | 19965         | 1          | #0             | QPSK       | 4.60           | 13                 | PASS    |
| Band4 | 3                  | 19965         | 1          | #0             | 16QAM      | 5.12           | 13                 | PASS    |
| Band4 | 3                  | 20175         | 1          | #0             | QPSK       | 5.15           | 13                 | PASS    |
| Band4 | 3                  | 20175         | 1          | #0             | 16QAM      | 5.48           | 13                 | PASS    |
| Band4 | 3                  | 20385         | 1          | #0             | QPSK       | 3.32           | 13                 | PASS    |
| Band4 | 3                  | 20385         | 1          | #0             | 16QAM      | 3.81           | 13                 | PASS    |
| Band4 | 5                  | 19975         | 1          | #0             | QPSK       | 4.70           | 13                 | PASS    |
| Band4 | 5                  | 19975         | 1          | #0             | 16QAM      | 5.41           | 13                 | PASS    |
| Band4 | 5                  | 20175         | 1          | #0             | QPSK       | 5.05           | 13                 | PASS    |
| Band4 | 5                  | 20175         | 1          | #0             | 16QAM      | 5.50           | 13                 | PASS    |
| Band4 | 5                  | 20375         | 1          | #0             | QPSK       | 3.59           | 13                 | PASS    |
| Band4 | 5                  | 20375         | 1          | #0             | 16QAM      | 4.22           | 13                 | PASS    |
| Band4 | 10                 | 20000         | 1          | #0             | QPSK       | 4.58           | 13                 | PASS    |
| Band4 | 10                 | 20000         | 1          | #0             | 16QAM      | 5.18           | 13                 | PASS    |
| Band4 | 10                 | 20175         | 1          | #0             | QPSK       | 5.31           | 13                 | PASS    |
| Band4 | 10                 | 20175         | 1          | #0             | 16QAM      | 6.09           | 13                 | PASS    |
| Band4 | 10                 | 20350         | 1          | #0             | QPSK       | 4.28           | 13                 | PASS    |
| Band4 | 10                 | 20350         | 1          | #0             | 16QAM      | 4.98           | 13                 | PASS    |
| Band4 | 15                 | 20025         | 1          | #0             | QPSK       | 4.61           | 13                 | PASS    |
| Band4 | 15                 | 20025         | 1          | #0             | 16QAM      | 5.19           | 13                 | PASS    |
| Band4 | 15                 | 20175         | 1          | #0             | QPSK       | 5.45           | 13                 | PASS    |
| Band4 | 15                 | 20175         | 1          | #0             | 16QAM      | 6.35           | 13                 | PASS    |
| Band4 | 15                 | 20325         | 1          | #0             | QPSK       | 5.11           | 13                 | PASS    |
| Band4 | 15                 | 20325         | 1          | #0             | 16QAM      | 5.51           | 13                 | PASS    |
| Band4 | 20                 | 20050         | 1          | #0             | QPSK       | 4.43           | 13                 | PASS    |
| Band4 | 20                 | 20050         | 1          | #0             | 16QAM      | 4.95           | 13                 | PASS    |
| Band4 | 20                 | 20175         | 1          | #0             | QPSK       | 5.62           | 13                 | PASS    |
| Band4 | 20                 | 20175         | 1          | #0             | 16QAM      | 6.05           | 13                 | PASS    |
| Band4 | 20                 | 20300         | 1          | #0             | QPSK       | 5.22           | 13                 | PASS    |
| Band4 | 20                 | 20300         | 1          | #0             | 16QAM      | 5.93           | 13                 | PASS    |



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

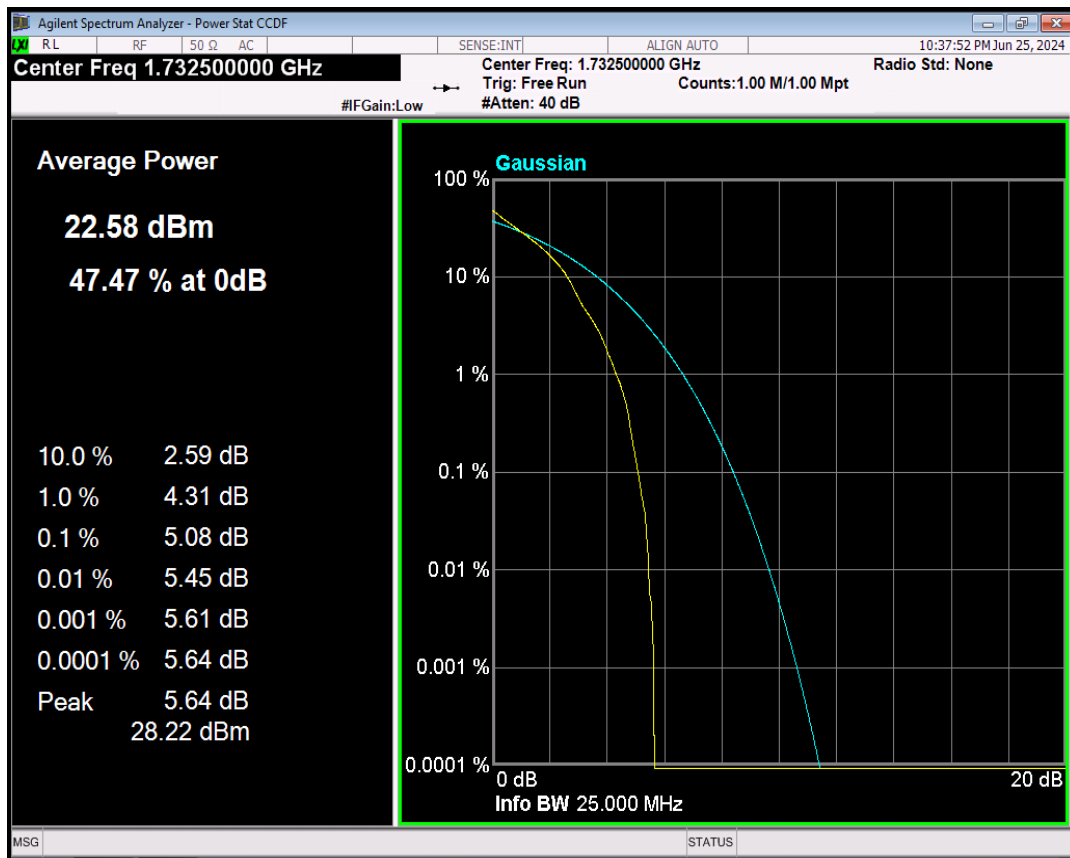


Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0

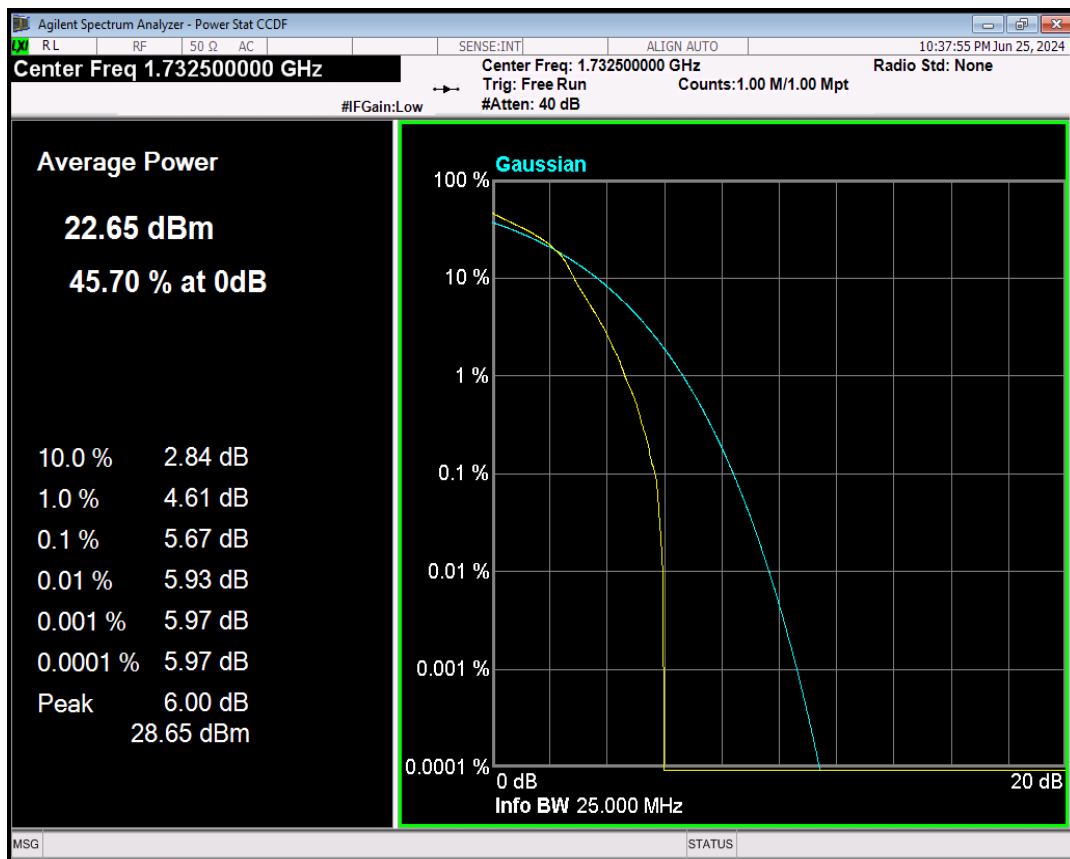




Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0

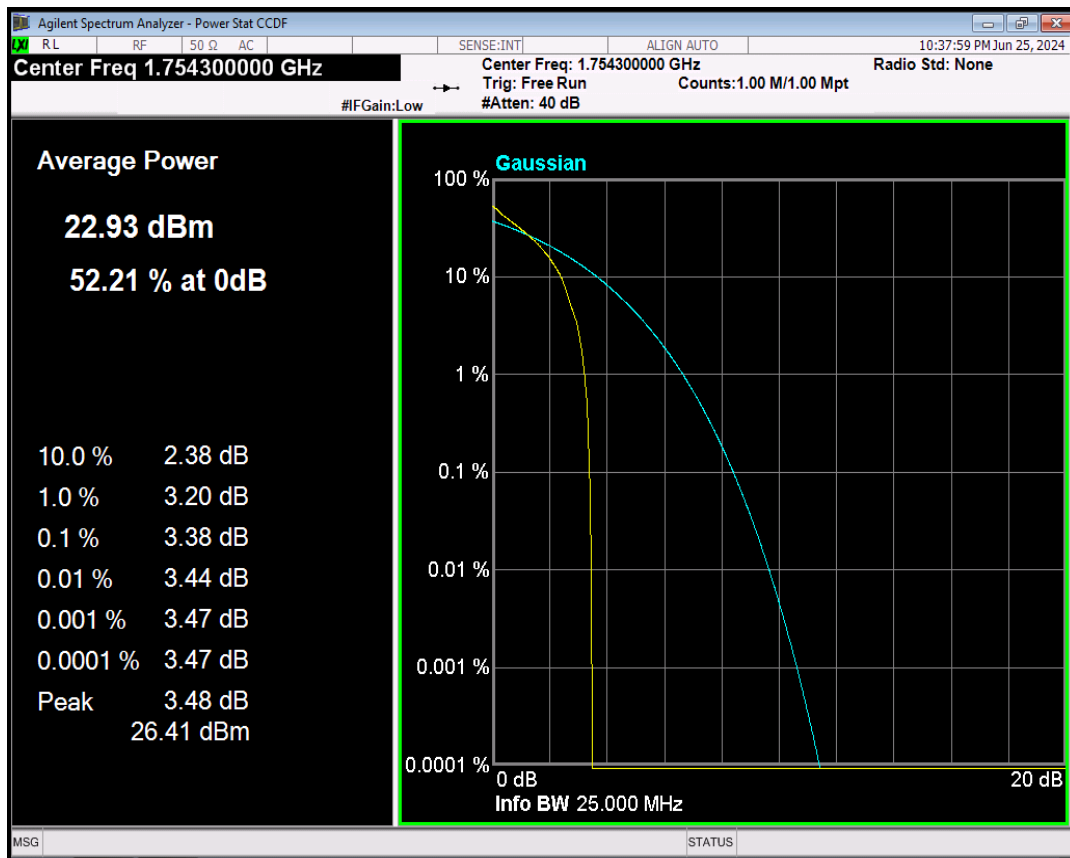


Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0





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



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

