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Appendix B

E-UTRA BAND 12

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1. Effective (Isotropic) Radiated Power

1.1.Test Result

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Result | ERP | Limit | Verdict |
|-------------------------|-----------|------------|---------|------------------|--------|-------|-------|---------|
| <i>B</i> , (14 <i>B</i> | Danawian | Wodalation | Ondrino | TE Comigaration | (dBm) | (dBm) | (dBm) | Voluiot |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 23.64 | 15.93 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#2 | 23.78 | 16.07 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#5 | 23.65 | 15.94 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#0 | 23.74 | 16.03 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#1 | 23.80 | 16.09 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#3 | 23.77 | 16.06 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 22.85 | 15.14 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 23.60 | 15.89 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#2 | 23.74 | 16.03 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#5 | 23.59 | 15.88 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#0 | 23.52 | 15.81 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#1 | 23.43 | 15.72 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#3 | 23.30 | 15.59 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 22.43 | 14.72 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 23.14 | 15.43 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#2 | 23.18 | 15.47 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#5 | 23.02 | 15.31 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#0 | 23.14 | 15.43 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#1 | 23.19 | 15.48 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#3 | 23.13 | 15.42 | 36.98 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 22.24 | 14.53 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 22.85 | 15.14 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2 | 22.84 | 15.13 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 22.74 | 15.03 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0 | 22.73 | 15.02 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1 | 22.82 | 15.11 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3 | 22.75 | 15.04 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 21.82 | 14.11 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 22.83 | 15.12 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2 | 22.78 | 15.07 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 22.59 | 14.88 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0 | 22.63 | 14.92 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1 | 22.56 | 14.85 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3 | 22.46 | 14.75 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 21.54 | 13.83 | 36.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 22.29 | 14.58 | 36.98 | PASS |

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| Band12 1.4MHz 16QAM 23173 1RB#2 22.38 14.67 36.98 PASS Band12 1.4MHz 16QAM 23173 1RB#6 22.25 14.52 36.98 PASS Band12 1.4MHz 16QAM 23173 3RB#1 22.28 14.57 36.98 PASS Band12 1.4MHz 16QAM 23173 3RB#3 22.18 14.47 36.98 PASS Band12 1.4MHz 16QAM 23173 3RB#0 21.23 14.57 36.98 PASS Band12 3MHz 16QAM 23173 6RB#0 21.23 15.50 36.98 PASS Band12 3MHz QPSK 23025 1RB#8 23.23 15.51 36.98 PASS Band12 3MHz QPSK 23025 8RB#0 22.21 15.51 36.98 PASS Band12 3MHz QPSK 23025 8RB#7 22.60 14.89 36.98 PASS | | | | | | | | | |
|---|--------|--------|-------|-------|--------|-------|-------|-------|------|
| Band12 | Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2 | 22.38 | 14.67 | 36.98 | PASS |
| Band12 | Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 22.25 | 14.54 | 36.98 | PASS |
| Band12 | Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0 | 22.23 | 14.52 | 36.98 | PASS |
| Band12 | Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1 | 22.28 | 14.57 | 36.98 | PASS |
| Band12 3MHz | Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3 | 22.18 | 14.47 | 36.98 | PASS |
| Band12 3MHz OPSK 23025 1RB#8 23.23 15.52 36.98 PASS Band12 3MHz OPSK 23025 1RB#14 23.22 15.51 36.98 PASS Band12 3MHz OPSK 23025 8RB#0 22.32 14.61 36.98 PASS Band12 3MHz OPSK 23025 8RB#0 22.21 14.80 36.98 PASS Band12 3MHz OPSK 23025 8RB#0 22.61 14.80 36.98 PASS Band12 3MHz OPSK 23025 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz OPSK 23095 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz OPSK 23095 1RB#8 23.20 15.44 36.98 PASS Band12 3MHz OPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 | Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 21.23 | 13.52 | 36.98 | PASS |
| Band12 3MHz | Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 23.21 | 15.50 | 36.98 | PASS |
| Band12 3MHz QPSK 23025 8RB#0 22.32 14.61 36.98 PASS Band12 3MHz QPSK 23025 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23025 8RB#7 22.60 14.89 36.98 PASS Band12 3MHz QPSK 23095 1RB#0 22.61 14.90 36.98 PASS Band12 3MHz QPSK 23095 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz QPSK 23095 1RB#8 23.20 15.49 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 | Band12 | 3MHz | QPSK | 23025 | 1RB#8 | 23.23 | 15.52 | 36.98 | PASS |
| Band12 3MHz QPSK 23025 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23025 8RB#7 22.60 14.89 36.98 PASS Band12 3MHz QPSK 23025 15RB#0 22.61 14.90 36.98 PASS Band12 3MHz QPSK 23095 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23065 15RB#0 22.52 14.81 36.98 PASS Band | Band12 | 3MHz | QPSK | 23025 | 1RB#14 | 23.22 | 15.51 | 36.98 | PASS |
| Band12 3MHz QPSK 23025 8RB#7 22.60 14.89 36.98 PASS Band12 3MHz QPSK 23025 15RB#0 22.61 14.90 36.98 PASS Band12 3MHz QPSK 23095 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz QPSK 23095 1RB#6 23.20 15.49 36.98 PASS Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band | Band12 | 3MHz | QPSK | 23025 | 8RB#0 | 22.32 | 14.61 | 36.98 | PASS |
| Band12 3MHz QPSK 23025 15RB#O 22.61 14.90 36.98 PASS Band12 3MHz QPSK 23095 1RB#O 23.58 15.87 36.98 PASS Band12 3MHz QPSK 23095 1RB#B 23.20 15.49 36.98 PASS Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.88 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band1 | Band12 | 3MHz | QPSK | 23025 | 8RB#4 | 22.51 | 14.80 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 1RB#0 23.58 15.87 36.98 PASS Band12 3MHz QPSK 23095 1RB#8 23.20 15.49 36.98 PASS Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band | Band12 | 3MHz | QPSK | 23025 | 8RB#7 | 22.60 | 14.89 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 1RB#8 23.20 15.49 36.98 PASS Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Ban | Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 22.61 | 14.90 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 1RB#14 23.15 15.44 36.98 PASS Band12 3MHz QPSK 23095 8RB#0 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band | Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 23.58 | 15.87 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 8RB#O 22.33 14.62 36.98 PASS Band12 3MHz QPSK 23095 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band1 | Band12 | 3MHz | QPSK | 23095 | 1RB#8 | 23.20 | 15.49 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 8RB#4 22.51 14.80 36.98 PASS Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 18RB#0 22.24 14.53 36.98 PASS Band | Band12 | 3MHz | QPSK | 23095 | 1RB#14 | 23.15 | 15.44 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 8RB#7 22.45 14.74 36.98 PASS Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band | Band12 | 3MHz | QPSK | 23095 | 8RB#0 | 22.33 | 14.62 | 36.98 | PASS |
| Band12 3MHz QPSK 23095 15RB#0 22.52 14.81 36.98 PASS Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 18RB#0 22.24 14.43 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.24 14.63 36.98 PASS Ba | Band12 | 3MHz | QPSK | 23095 | 8RB#4 | 22.51 | 14.80 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 1RB#0 23.29 15.58 36.98 PASS Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.24 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS B | Band12 | 3MHz | QPSK | 23095 | 8RB#7 | 22.45 | 14.74 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 1RB#8 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Ba | Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 22.52 | 14.81 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 1RB#14 23.09 15.38 36.98 PASS Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS <td< td=""><td>Band12</td><td>3MHz</td><td>QPSK</td><td>23165</td><td>1RB#0</td><td>23.29</td><td>15.58</td><td>36.98</td><td>PASS</td></td<> | Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 23.29 | 15.58 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 8RB#0 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS | Band12 | 3MHz | QPSK | 23165 | 1RB#8 | 23.09 | 15.38 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 8RB#4 22.24 14.53 36.98 PASS Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS <t< td=""><td>Band12</td><td>3MHz</td><td>QPSK</td><td>23165</td><td>1RB#14</td><td>23.09</td><td>15.38</td><td>36.98</td><td>PASS</td></t<> | Band12 | 3MHz | QPSK | 23165 | 1RB#14 | 23.09 | 15.38 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 8RB#7 22.20 14.49 36.98 PASS Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS < | Band12 | 3MHz | QPSK | 23165 | 8RB#0 | 22.24 | 14.53 | 36.98 | PASS |
| Band12 3MHz QPSK 23165 15RB#0 22.24 14.53 36.98 PASS Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS | Band12 | 3MHz | QPSK | 23165 | 8RB#4 | 22.24 | 14.53 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 1RB#0 22.34 14.63 36.98 PASS Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.68 36.98 PASS | Band12 | 3MHz | QPSK | 23165 | 8RB#7 | 22.20 | 14.49 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 1RB#8 22.40 14.69 36.98 PASS Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS | Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 22.24 | 14.53 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 1RB#14 22.48 14.77 36.98 PASS Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 22.34 | 14.63 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 8RB#0 21.32 13.61 36.98 PASS Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 1RB#8 | 22.40 | 14.69 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 8RB#4 21.69 13.98 36.98 PASS Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 22.48 | 14.77 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 8RB#7 21.62 13.91 36.98 PASS Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 8RB#0 | 21.32 | 13.61 | 36.98 | PASS |
| Band12 3MHz 16QAM 23025 15RB#0 21.60 13.89 36.98 PASS Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 8RB#4 | 21.69 | 13.98 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 1RB#0 22.42 14.71 36.98 PASS Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 8RB#7 | 21.62 | 13.91 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 1RB#8 22.39 14.68 36.98 PASS Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 21.60 | 13.89 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 1RB#14 22.31 14.60 36.98 PASS Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 22.42 | 14.71 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 8RB#0 21.38 13.67 36.98 PASS Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 1RB#8 | 22.39 | 14.68 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 8RB#4 21.47 13.76 36.98 PASS Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 22.31 | 14.60 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 8RB#7 21.45 13.74 36.98 PASS Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 8RB#0 | 21.38 | 13.67 | 36.98 | PASS |
| Band12 3MHz 16QAM 23095 15RB#0 21.54 13.83 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 8RB#4 | 21.47 | 13.76 | 36.98 | PASS |
| | Band12 | 3MHz | 16QAM | 23095 | 8RB#7 | 21.45 | 13.74 | 36.98 | PASS |
| Band12 3MHz 16QAM 23165 1RB#0 22.43 14.72 36.98 PASS | Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 21.54 | 13.83 | 36.98 | PASS |
| | Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 22.43 | 14.72 | 36.98 | PASS |

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| Band12 3MHz 160AM 23165 1RB#8 22.33 14.62 36.98 PASS Band12 3MHz 160AM 23165 1RB#14 22.19 14.48 36.98 PASS Band12 3MHz 160AM 23165 8RB#0 21.20 13.49 36.98 PASS Band12 3MHz 160AM 23165 8RB#7 21.16 13.44 36.98 PASS Band12 3MHz 160AM 23165 15RB#0 21.16 13.44 36.98 PASS Band12 3MHz 160AM 23165 15RB#0 22.13 15.42 36.98 PASS Band12 5MHz QPSK 23035 17RB#0 22.10 15.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#0 22.30 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#0 22.30 14.69 36.98 PASS | | | | 1 | | 1 | . | . | |
|--|--------|------|-------|-------|---------|-------|----------|----------|------|
| Band12 | Band12 | 3MHz | 16QAM | 23165 | 1RB#8 | 22.33 | 14.62 | 36.98 | PASS |
| Band12 | Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 22.19 | 14.48 | 36.98 | PASS |
| Band12 3MHz 16QAM 23165 8RB#7 21.15 13.44 36.98 PASS Band12 3MHz 16QAM 23165 15RB#0 21.16 13.45 36.98 PASS Band12 5MHz QPSK 23035 1RB#0 23.13 15.42 36.98 PASS Band12 5MHz QPSK 23035 1RB#0 23.11 15.69 36.98 PASS Band12 5MHz QPSK 23035 1RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.35 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.35 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.30 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS B | Band12 | 3MHz | 16QAM | 23165 | 8RB#0 | 21.20 | 13.49 | 36.98 | PASS |
| Band12 3MHz 16QAM 23165 15RB#0 21.16 13.45 36.98 PASS Band12 5MHz QPSK 23035 1RB#0 23.13 15.42 36.98 PASS Band12 5MHz QPSK 23035 1RB#12 23.40 15.69 36.98 PASS Band12 5MHz QPSK 23035 1RB#24 23.11 15.40 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.35 14.64 36.98 PASS Band12 5MHz QPSK 23035 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23035 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23035 1RB#10 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#12 23.32 16.61 36.98 PASS | Band12 | 3MHz | 16QAM | 23165 | 8RB#4 | 21.18 | 13.47 | 36.98 | PASS |
| Band12 SMHz QPSK 23035 1RB#0 23.13 15.42 36.98 PASS Band12 5MHz QPSK 23036 1RB#12 23.40 15.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.30 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23095 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.28 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 22.17 14.46 36.98 PASS B | Band12 | 3MHz | 16QAM | 23165 | 8RB#7 | 21.15 | 13.44 | 36.98 | PASS |
| Band12 SMHz QPSK 23035 1RB#12 23.40 15.69 36.98 PASS Band12 SMHz QPSK 23035 1RB#24 23.11 15.40 36.98 PASS Band12 SMHz QPSK 23035 12RB#0 22.40 14.69 36.98 PASS Band12 SMHz QPSK 23035 12RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#12 23.32 15.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS <t< td=""><td>Band12</td><td>3MHz</td><td>16QAM</td><td>23165</td><td>15RB#0</td><td>21.16</td><td>13.45</td><td>36.98</td><td>PASS</td></t<> | Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 21.16 | 13.45 | 36.98 | PASS |
| Band12 | Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 23.13 | 15.42 | 36.98 | PASS |
| Band12 5MHz QPSK 23035 12RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23035 12RB#6 22.35 14.64 36.98 PASS Band12 5MHz QPSK 23035 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#24 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.31 14.62 36.98 PASS <td< td=""><td>Band12</td><td>5MHz</td><td>QPSK</td><td>23035</td><td>1RB#12</td><td>23.40</td><td>15.69</td><td>36.98</td><td>PASS</td></td<> | Band12 | 5MHz | QPSK | 23035 | 1RB#12 | 23.40 | 15.69 | 36.98 | PASS |
| Band12 5MHz QPSK 23035 12RB#6 22.35 14.64 36.98 PASS Band12 5MHz QPSK 23035 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23035 25RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.33 14.62 36.98 PASS | Band12 | 5MHz | QPSK | 23035 | 1RB#24 | 23.11 | 15.40 | 36.98 | PASS |
| Band12 5MHz QPSK 23035 12RB#13 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23035 25RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#04 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS | Band12 | 5MHz | QPSK | 23035 | 12RB#0 | 22.40 | 14.69 | 36.98 | PASS |
| Band12 5MHz QPSK 23035 25RB#0 22.40 14.69 36.98 PASS Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#12 23.32 15.61 36.98 PASS Band12 5MHz QPSK 23095 1RB#24 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS | Band12 | 5MHz | QPSK | 23035 | 12RB#6 | 22.35 | 14.64 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 1RB#0 23.10 15.39 36.98 PASS Band12 5MHz QPSK 23095 1RB#12 23.32 15.61 36.98 PASS Band12 5MHz QPSK 23095 1RB#24 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 22.34 14.63 36.98 PASS | Band12 | 5MHz | QPSK | 23035 | 12RB#13 | 22.30 | 14.59 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 1RB#12 23.32 15.61 36.98 PASS Band12 5MHz QPSK 23095 1RB#24 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#13 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 22.37 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS <td< td=""><td>Band12</td><td>5MHz</td><td>QPSK</td><td>23035</td><td>25RB#0</td><td>22.40</td><td>14.69</td><td>36.98</td><td>PASS</td></td<> | Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 22.40 | 14.69 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 1RB#24 22.99 15.28 36.98 PASS Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS | Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 23.10 | 15.39 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 12RB#0 22.17 14.46 36.98 PASS Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#13 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS < | Band12 | 5MHz | QPSK | 23095 | 1RB#12 | 23.32 | 15.61 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 12RB#6 22.32 14.61 36.98 PASS Band12 5MHz QPSK 23095 12RB#13 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS < | Band12 | 5MHz | QPSK | 23095 | 1RB#24 | 22.99 | 15.28 | 36.98 | PASS |
| Band12 5MHz QPSK 23095 12RB#13 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.24 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.25 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS <t< td=""><td>Band12</td><td>5MHz</td><td>QPSK</td><td>23095</td><td>12RB#0</td><td>22.17</td><td>14.46</td><td>36.98</td><td>PASS</td></t<> | Band12 | 5MHz | QPSK | 23095 | 12RB#0 | 22.17 | 14.46 | 36.98 | PASS |
| Band12 SMHz QPSK 23095 25RB#0 22.33 14.62 36.98 PASS Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS <t< td=""><td>Band12</td><td>5MHz</td><td>QPSK</td><td>23095</td><td>12RB#6</td><td>22.32</td><td>14.61</td><td>36.98</td><td>PASS</td></t<> | Band12 | 5MHz | QPSK | 23095 | 12RB#6 | 22.32 | 14.61 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 1RB#0 23.07 15.36 36.98 PASS Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.30 14.59 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.29 14.58 36.98 PASS <t< td=""><td>Band12</td><td>5MHz</td><td>QPSK</td><td>23095</td><td>12RB#13</td><td>22.33</td><td>14.62</td><td>36.98</td><td>PASS</td></t<> | Band12 | 5MHz | QPSK | 23095 | 12RB#13 | 22.33 | 14.62 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 1RB#12 23.34 15.63 36.98 PASS Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.25 14.88 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS | Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 22.33 | 14.62 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 1RB#24 22.97 15.26 36.98 PASS Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 23.07 | 15.36 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 12RB#0 22.34 14.63 36.98 PASS Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 1RB#12 | 23.34 | 15.63 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 12RB#6 22.25 14.54 36.98 PASS Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 1RB#24 | 22.97 | 15.26 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 12RB#13 22.19 14.48 36.98 PASS Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 12RB#0 | 22.34 | 14.63 | 36.98 | PASS |
| Band12 5MHz QPSK 23155 25RB#0 22.30 14.59 36.98 PASS Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 12RB#6 | 22.25 | 14.54 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 1RB#0 22.35 14.64 36.98 PASS Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 12RB#13 | 22.19 | 14.48 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 1RB#12 22.59 14.88 36.98 PASS Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS | Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 22.30 | 14.59 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 1RB#24 22.29 14.58 36.98 PASS Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 22.35 | 14.64 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 12RB#0 21.40 13.69 36.98 PASS Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 1RB#12 | 22.59 | 14.88 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 12RB#6 21.32 13.61 36.98 PASS Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 22.29 | 14.58 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 12RB#13 21.27 13.56 36.98 PASS Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 12RB#0 | 21.40 | 13.69 | 36.98 | PASS |
| Band12 5MHz 16QAM 23035 25RB#0 21.34 13.63 36.98 PASS Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 12RB#6 | 21.32 | 13.61 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 1RB#0 22.28 14.57 36.98 PASS Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 21.27 | 13.56 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 1RB#12 22.53 14.82 36.98 PASS Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 21.34 | 13.63 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 1RB#24 22.14 14.43 36.98 PASS Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 22.28 | 14.57 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 12RB#0 21.15 13.44 36.98 PASS Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 1RB#12 | 22.53 | 14.82 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 12RB#6 21.28 13.57 36.98 PASS Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 22.14 | 14.43 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 12RB#13 21.31 13.60 36.98 PASS Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 12RB#0 | 21.15 | 13.44 | 36.98 | PASS |
| Band12 5MHz 16QAM 23095 25RB#0 21.25 13.54 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 12RB#6 | 21.28 | 13.57 | 36.98 | PASS |
| | Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 21.31 | 13.60 | 36.98 | PASS |
| Band12 5MHz 16QAM 23155 1RB#0 22.27 14.56 36.98 PASS | Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 21.25 | 13.54 | 36.98 | PASS |
| | Band12 | 5MHz | 16QAM | 23155 | 1RB#0 | 22.27 | 14.56 | 36.98 | PASS |

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| Band12 | 5MHz | 16QAM | 23155 | 1RB#12 | 22.49 | 14.78 | 36.98 | PASS |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24 | 22.22 | 14.51 | 36.98 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#0 | 21.35 | 13.64 | 36.98 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#6 | 21.22 | 13.51 | 36.98 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#13 | 21.15 | 13.44 | 36.98 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 21.22 | 13.51 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 23.23 | 15.52 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#24 | 23.30 | 15.59 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#49 | 23.15 | 15.44 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#0 | 22.58 | 14.87 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#12 | 22.43 | 14.72 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#25 | 22.53 | 14.82 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 22.59 | 14.88 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 23.25 | 15.54 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#24 | 23.26 | 15.55 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#49 | 23.11 | 15.40 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#0 | 22.31 | 14.60 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#12 | 22.35 | 14.64 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#25 | 22.38 | 14.67 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 22.37 | 14.66 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 23.19 | 15.48 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#24 | 23.21 | 15.50 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#49 | 23.08 | 15.37 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#0 | 22.20 | 14.49 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#12 | 22.29 | 14.58 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#25 | 22.05 | 14.34 | 36.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 22.14 | 14.43 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 22.38 | 14.67 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24 | 22.58 | 14.87 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 22.31 | 14.60 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0 | 21.53 | 13.82 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.33 | 13.62 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.46 | 13.75 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 21.52 | 13.81 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 22.43 | 14.72 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24 | 22.45 | 14.74 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 22.30 | 14.59 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0 | 21.20 | 13.49 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.24 | 13.53 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.27 | 13.56 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 21.34 | 13.63 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 22.42 | 14.71 | 36.98 | PASS |
| | | • | | • | | | | |

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| Band12 | 10MHz | 16QAM | 23130 | 1RB#24 | 22.49 | 14.78 | 36.98 | PASS |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 22.29 | 14.58 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0 | 21.12 | 13.41 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.22 | 13.51 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.01 | 13.30 | 36.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 21.07 | 13.36 | 36.98 | PASS |

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level

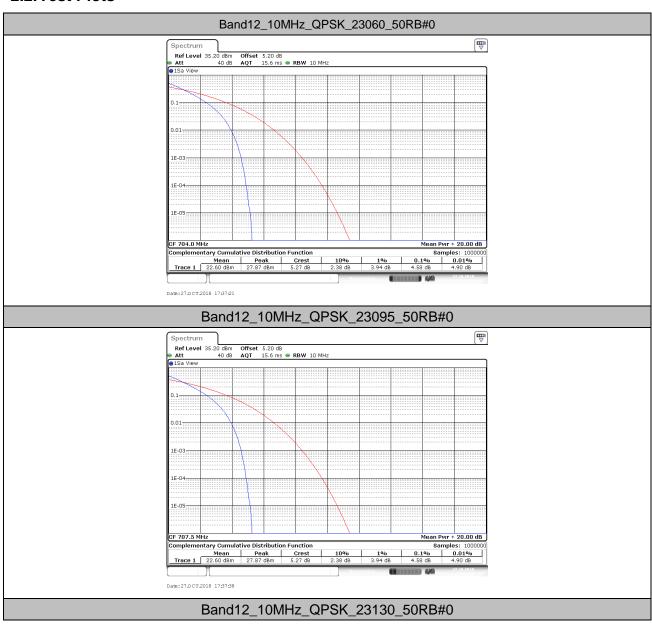
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2. Peak-to-Average Ratio(CCDF)

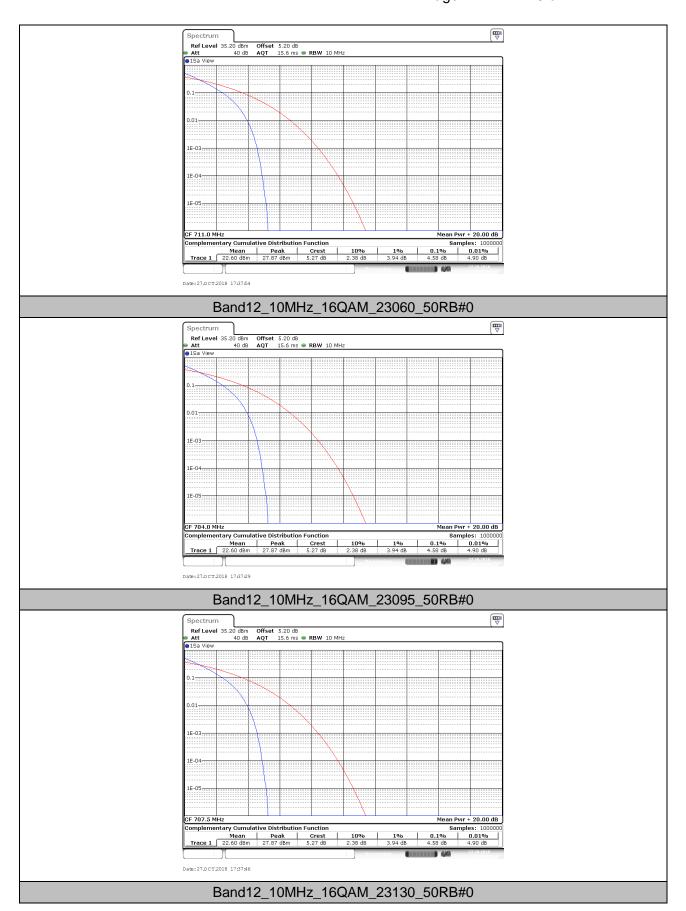
2.1.Test Result

| BAND | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 4.58 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 4.58 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 4.58 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 4.58 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 4.58 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 4.58 | 13 | PASS |

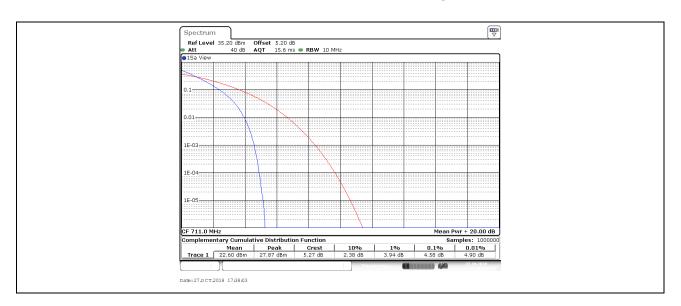
2.2. Test Plots



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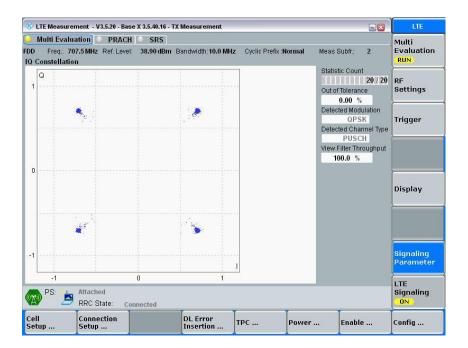
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3. Modulation Characteristics

3.1.Test BAND = LTE BAND12

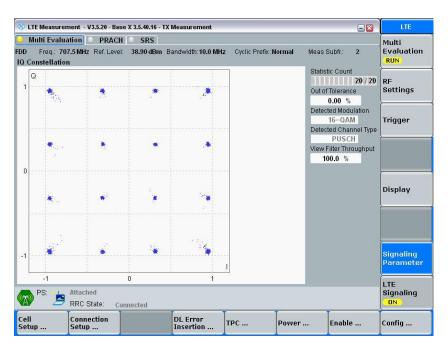
3.1.1. Test Mode = LTE /TM1 10MHz

3.1.1.1. Test Channel = MCH



3.1.2. Test Mode = LTE /TM2 10MHz

3.1.2.1. Test Channel = MCH



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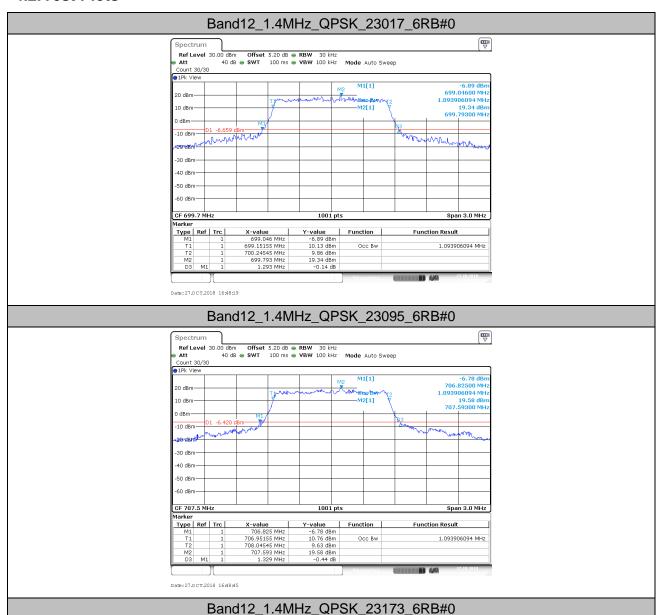
4. 26dB Bandwidth and Occupied Bandwidth

4.1.Test Result

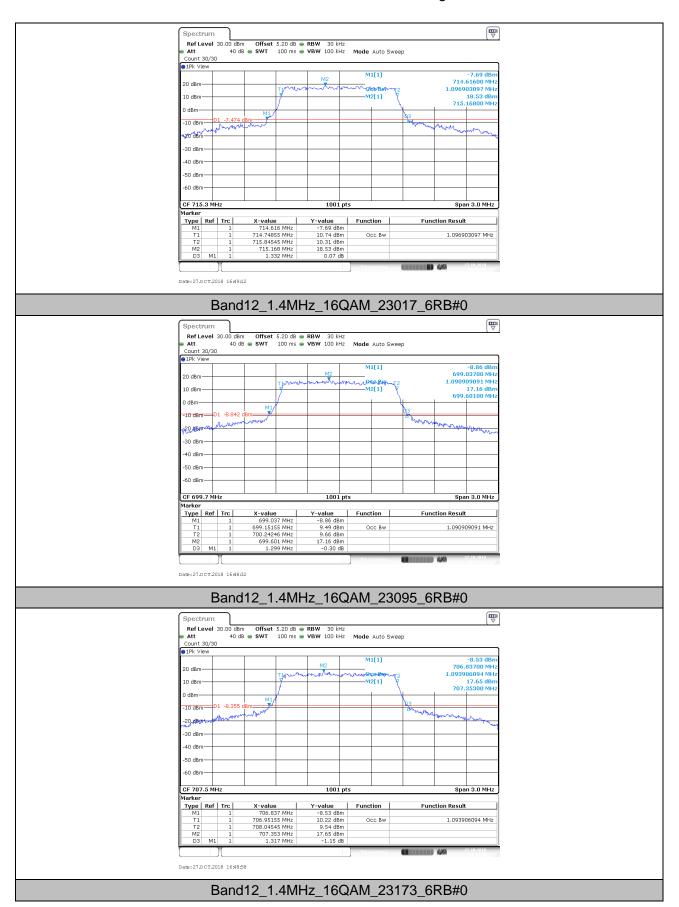
| | | | | RB | Occupied | 26dB | |
|--------|-----------|------------|---------|---------------|-----------|-----------|---------|
| BAND | Bandwidth | Modulation | Channel | Configuration | Bandwidth | Bandwidth | Verdict |
| | | | | | (MHz) | (MHz) | |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 1.094 | 1.293 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 1.094 | 1.329 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 1.097 | 1.332 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 1.091 | 1.299 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1.094 | 1.317 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 1.094 | 1.323 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 2.685 | 2.922 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 2.697 | 2.934 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 2.691 | 2.934 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 2.679 | 2.892 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 2.679 | 2.898 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 2.685 | 2.910 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 4.486 | 5.060 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 4.486 | 5.110 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 4.486 | 5.050 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 4.496 | 5.050 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 4.496 | 5.240 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 4.496 | 5.040 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 8.971 | 9.920 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 8.951 | 9.940 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 8.911 | 9.760 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 8.971 | 9.880 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 8.971 | 9.940 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 8.911 | 9.780 | PASS |

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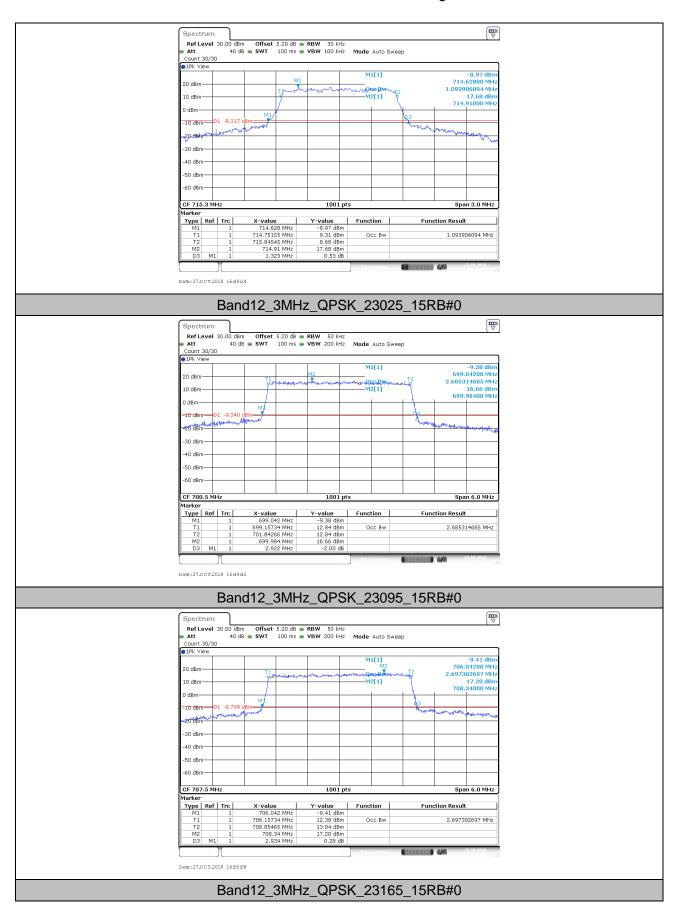
4.2. Test Plots



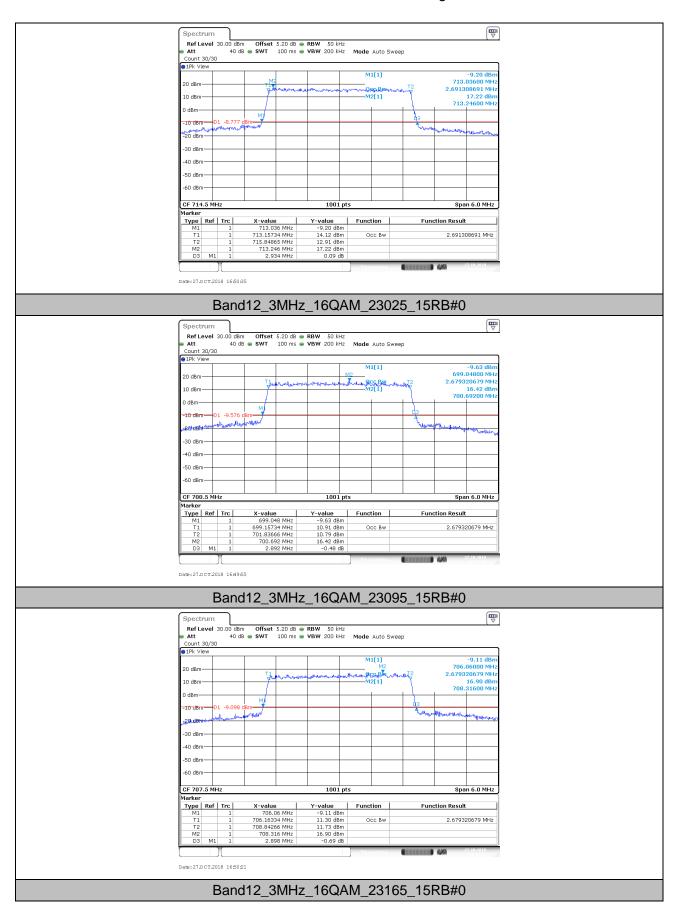
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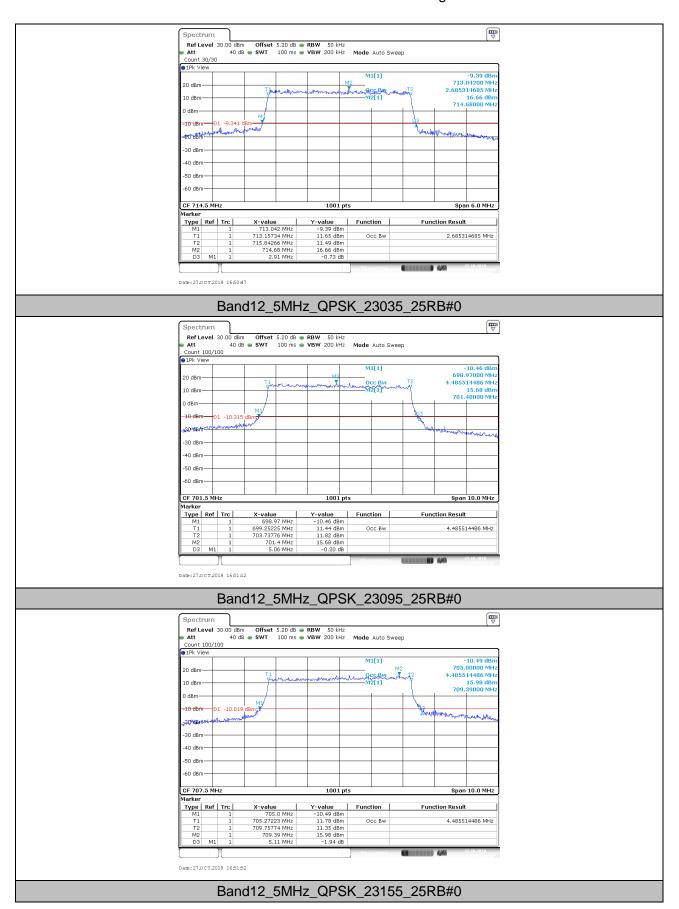
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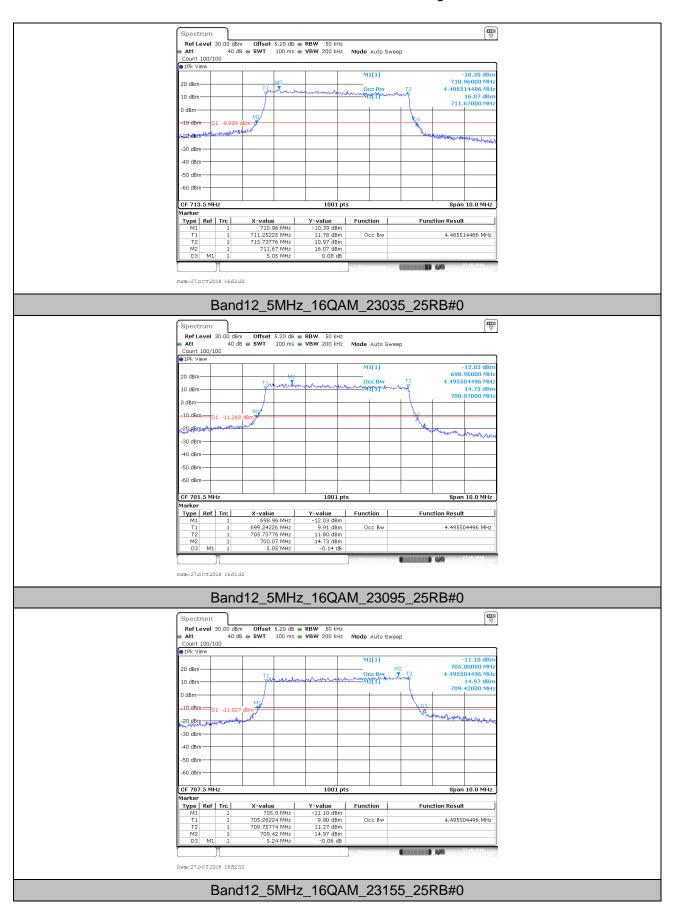
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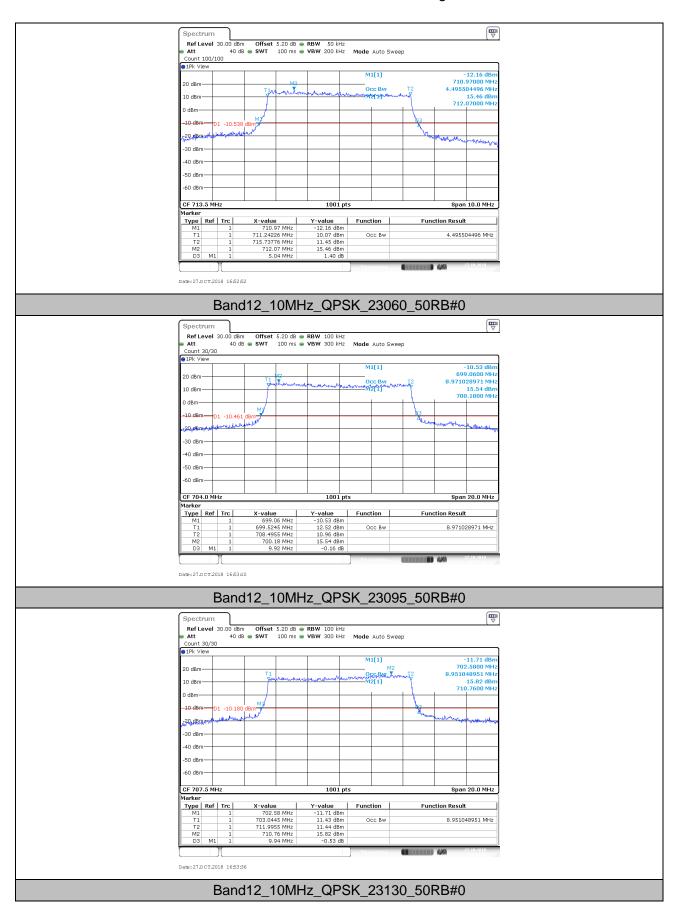
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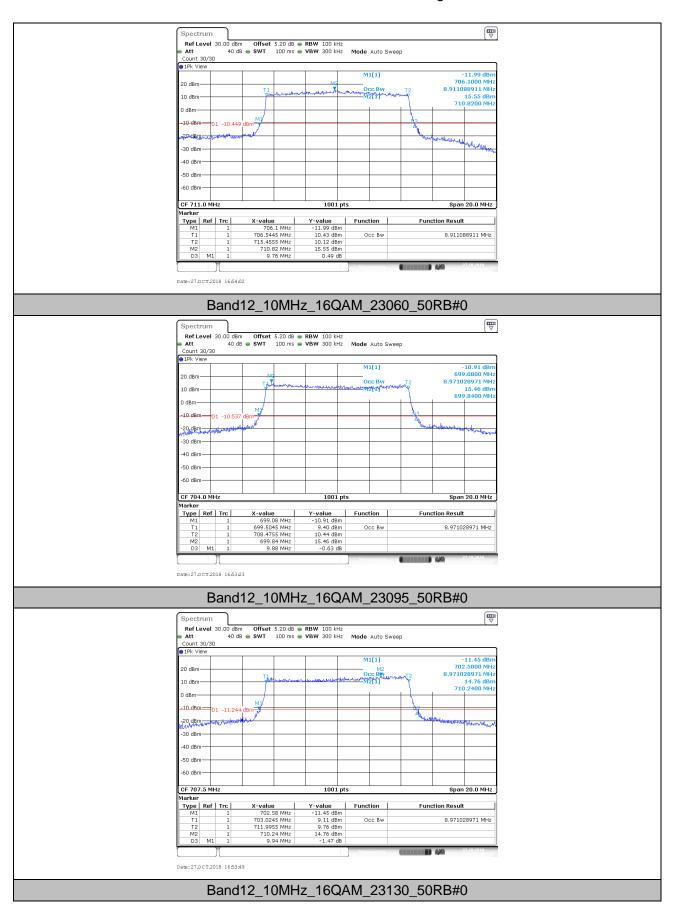
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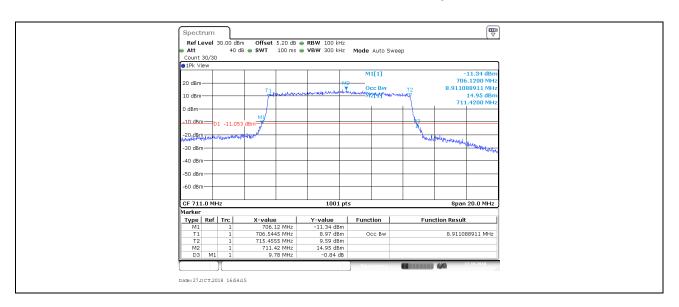
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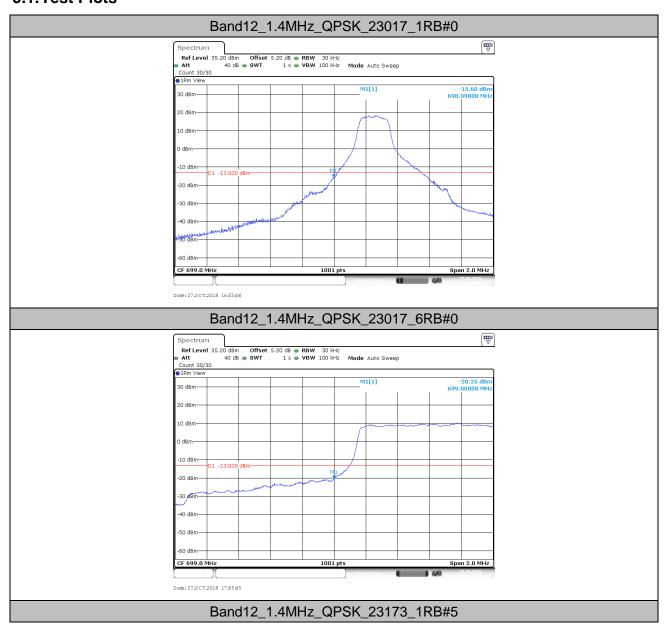
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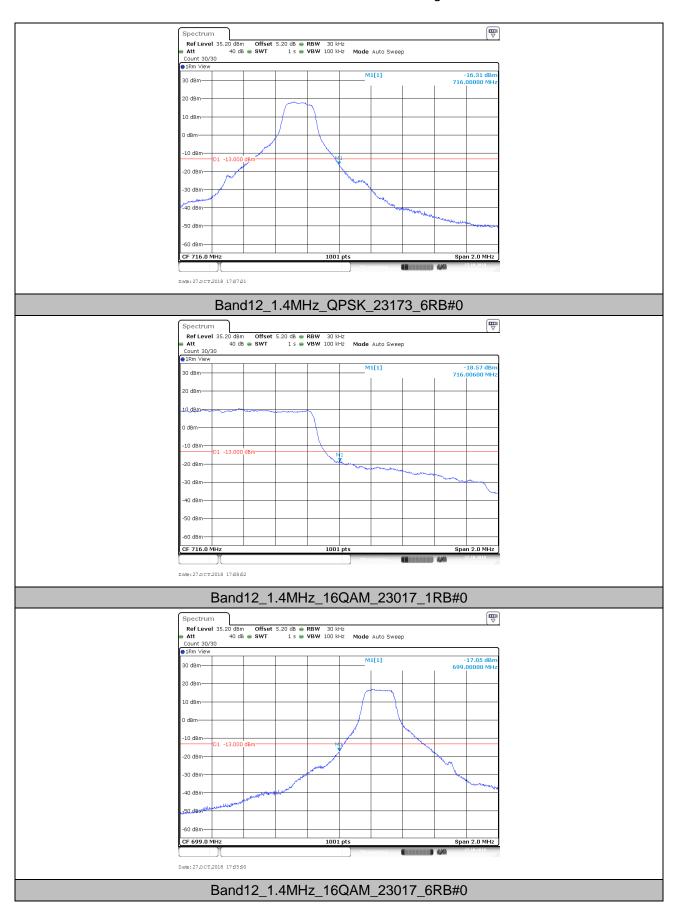
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5. Band Edge Compliance

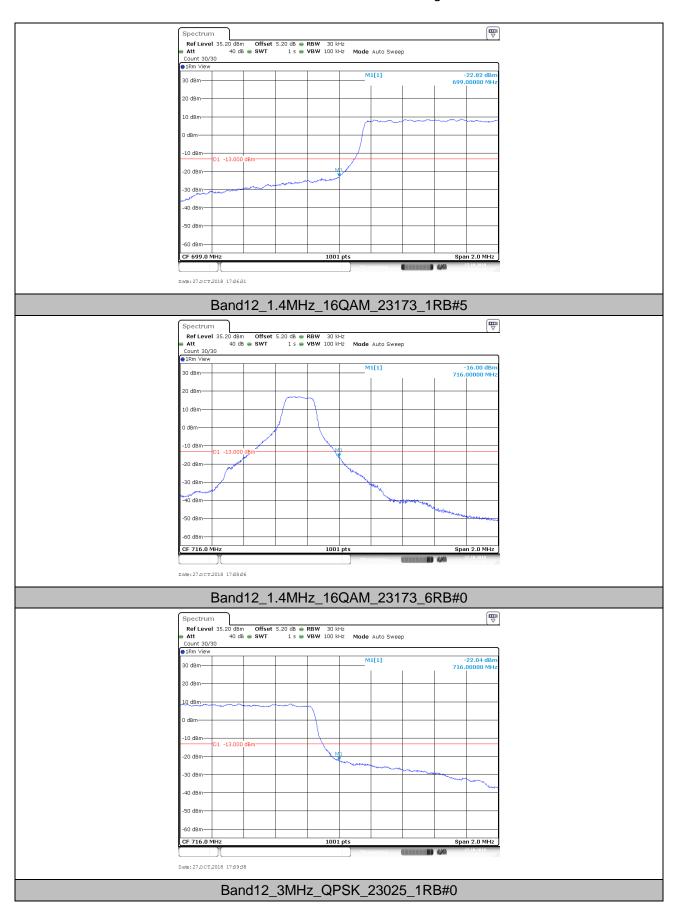
5.1. Test Plots



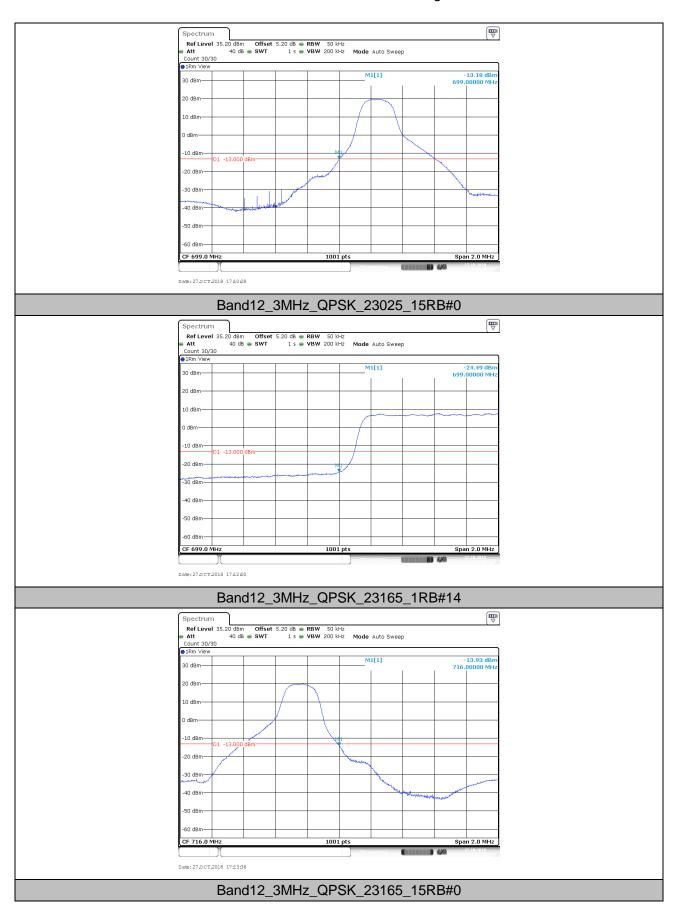
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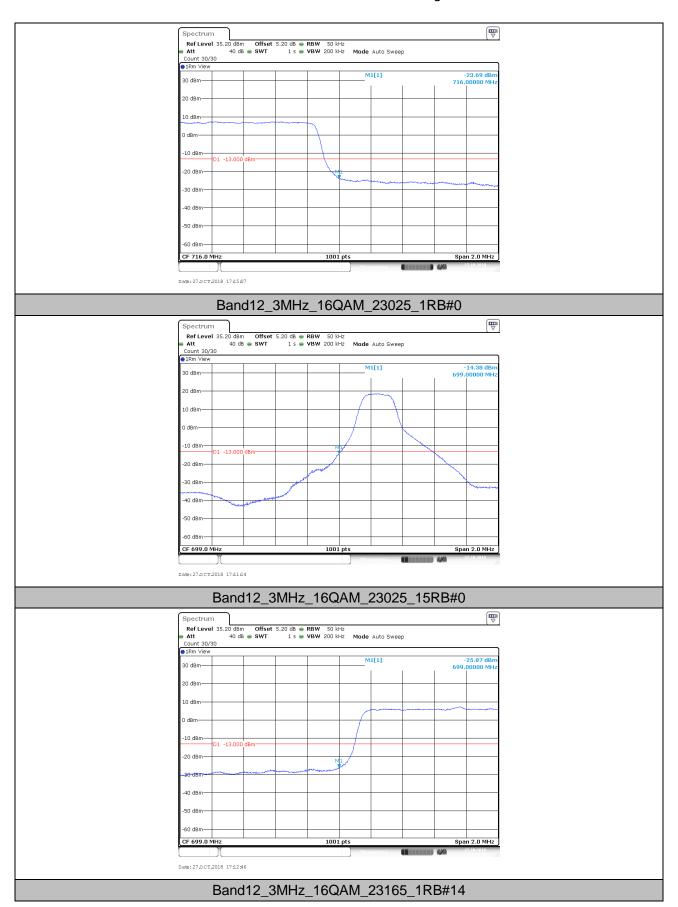
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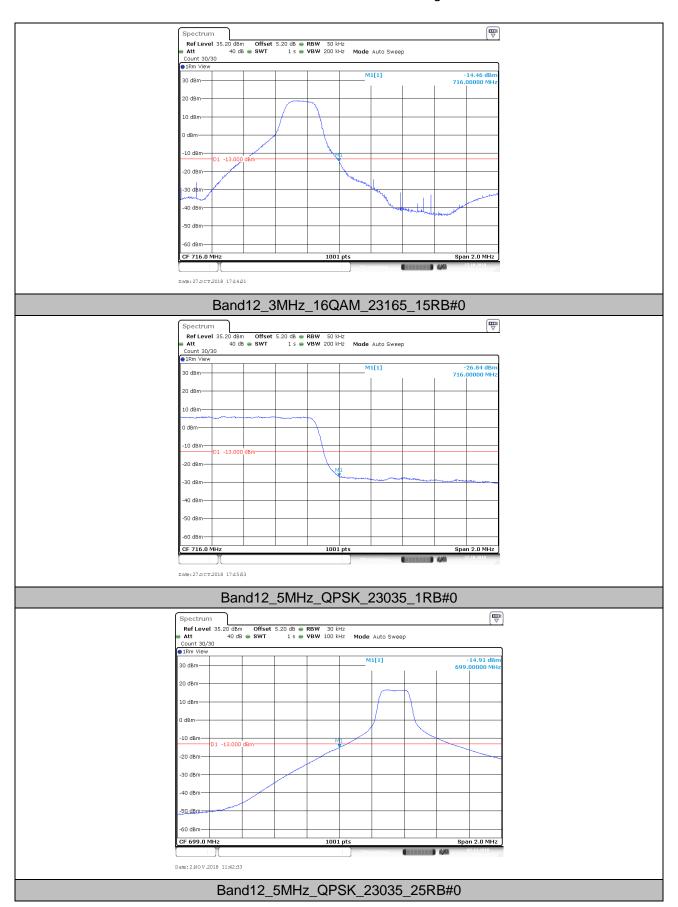
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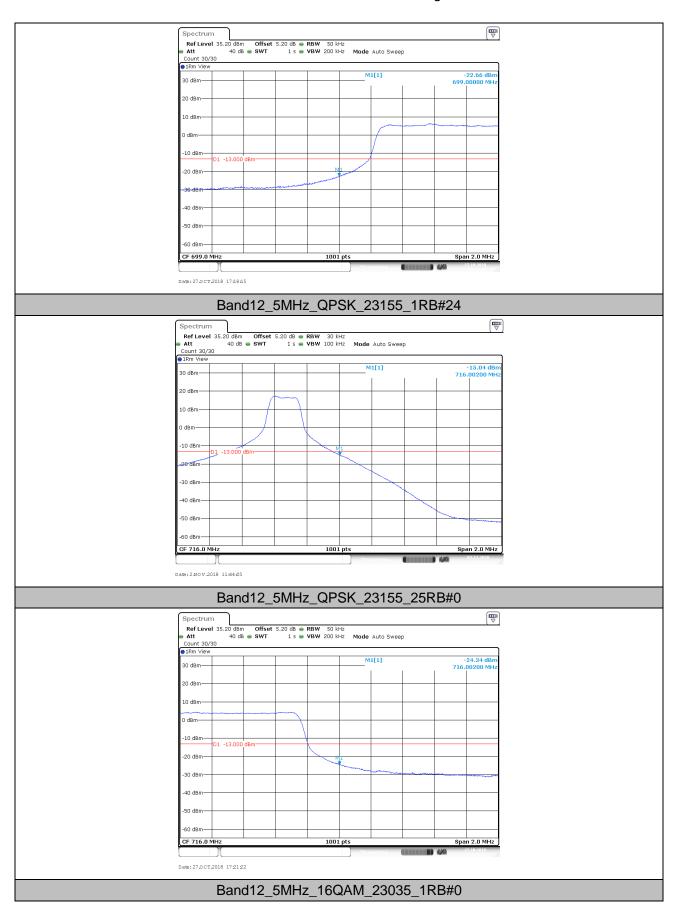
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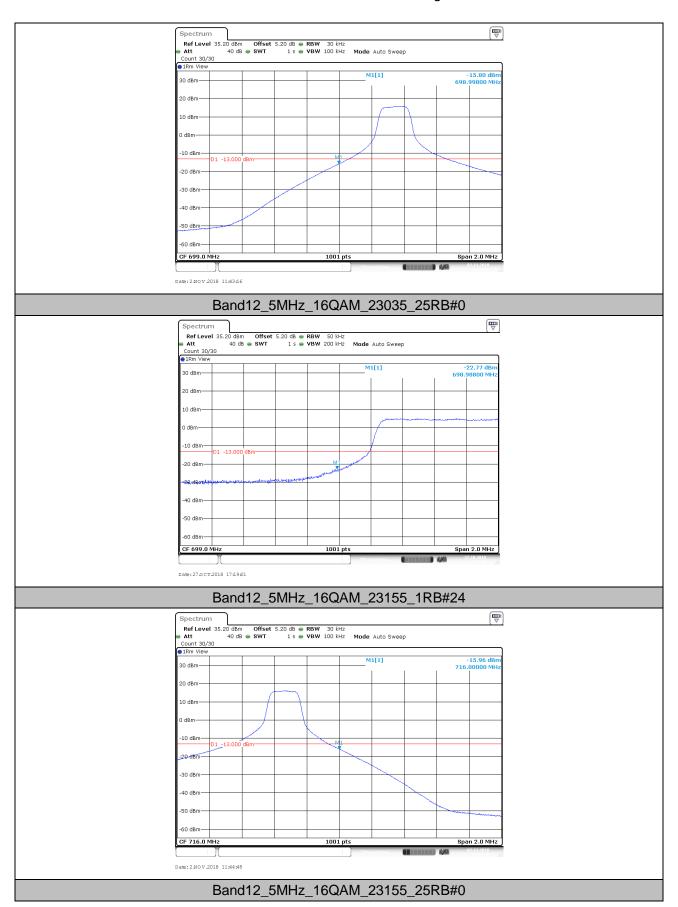
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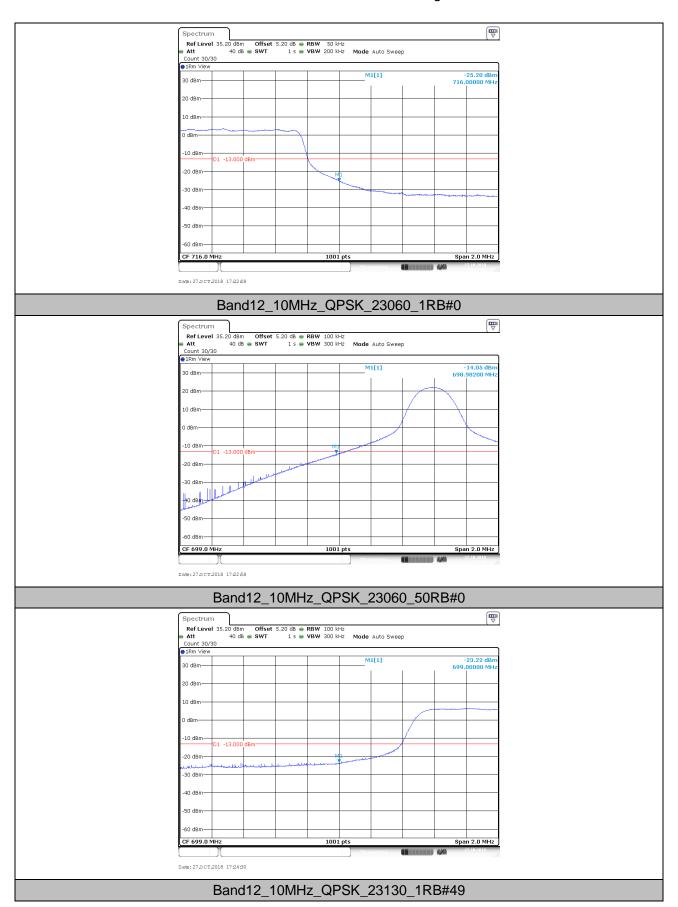
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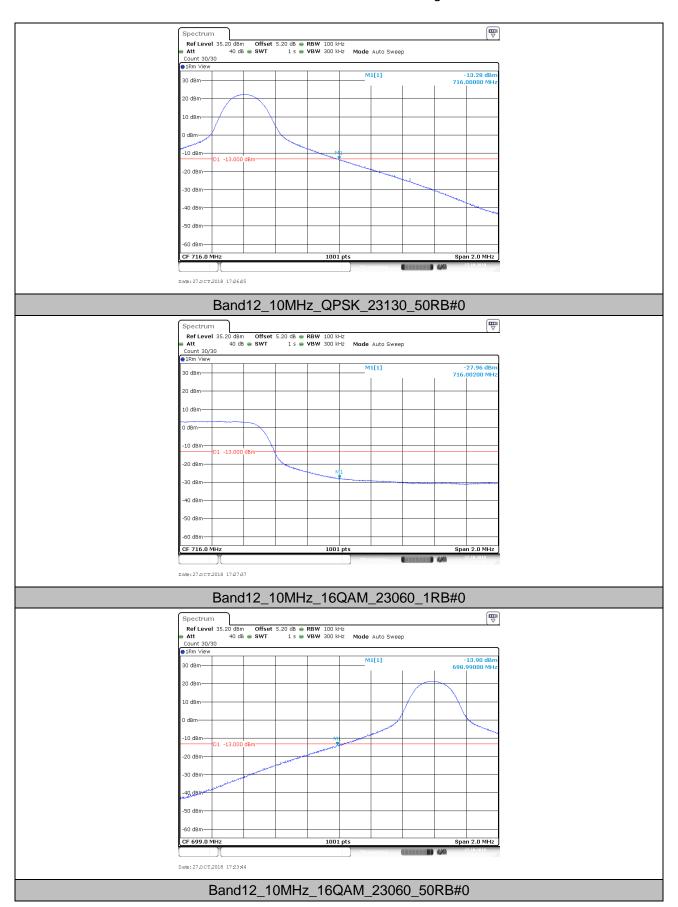
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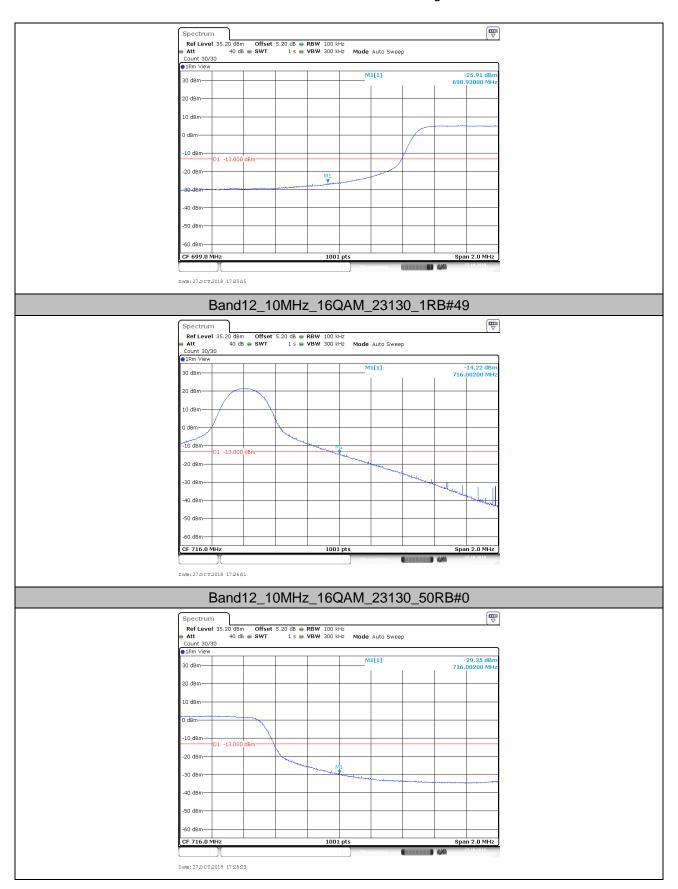
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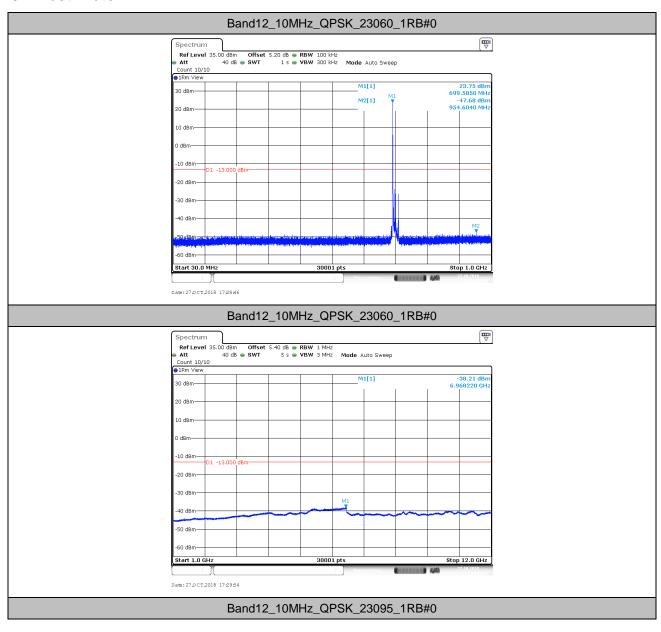
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6. Spurious Emission at Antenna Terminal

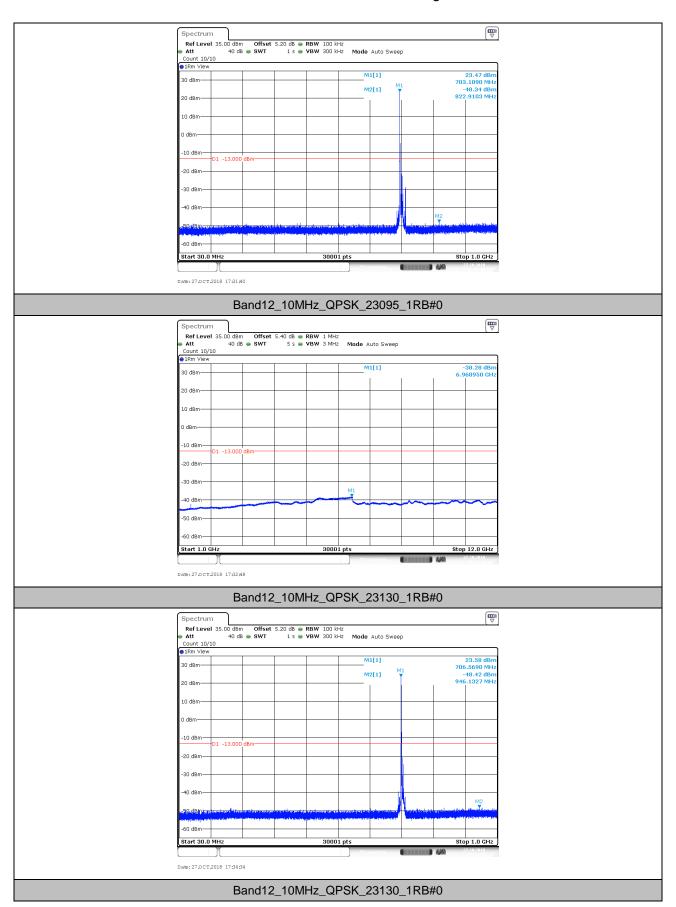
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k = 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

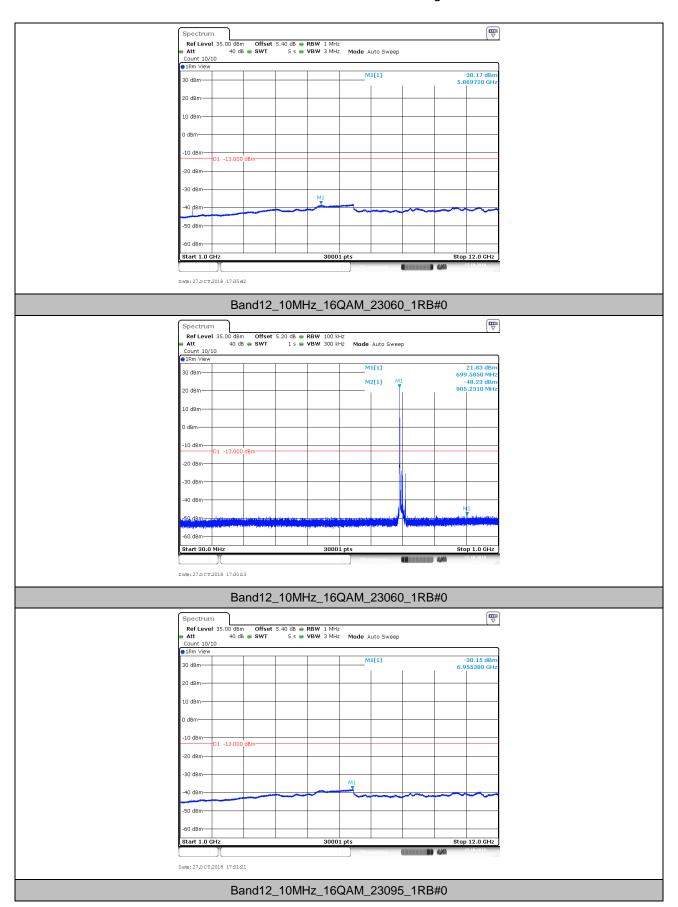
6.1. Test Plots



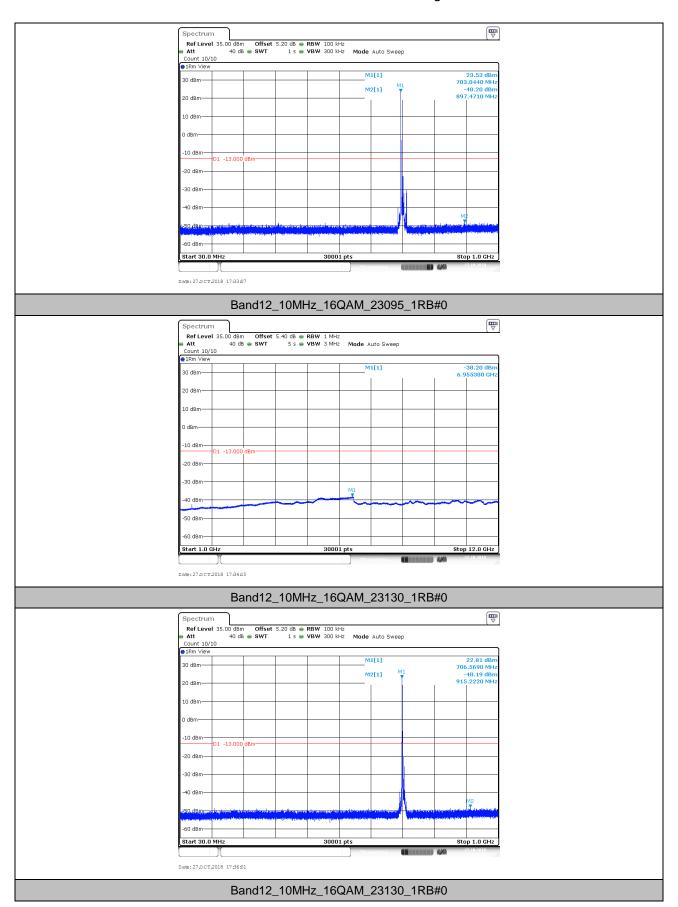
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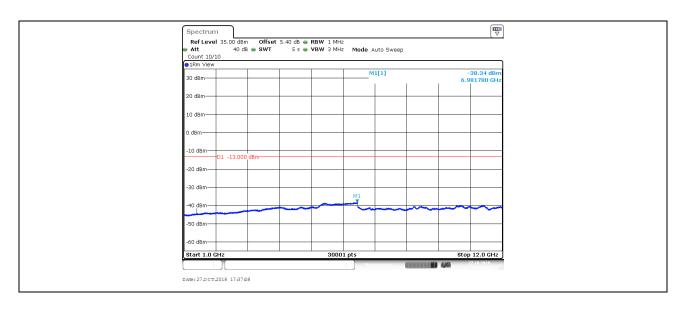
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7. Field Strength of Spurious Radiation

7.1.Test BAND = LTE BAND 12

7.1.1. Test Mode =LTE/TM1 10MHz

7.1.1.1. Test Channel = LCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.393333 | -81.34 | -13.00 | 68.34 | Vertical |
| 192.120000 | -80.45 | -13.00 | 67.45 | Vertical |
| 1399.000000 | -57.80 | -13.00 | 44.80 | Vertical |
| 2099.000000 | -59.98 | -13.00 | 46.98 | Vertical |
| 2798.500000 | -55.68 | -13.00 | 42.68 | Vertical |
| 3497.737500 | -65.86 | -13.00 | 52.86 | Vertical |
| 62.293333 | -77.59 | -13.00 | 64.59 | Horizontal |
| 1399.000000 | -63.31 | -13.00 | 50.31 | Horizontal |
| 2099.000000 | -60.58 | -13.00 | 47.58 | Horizontal |
| 2798.500000 | -54.75 | -13.00 | 41.75 | Horizontal |
| 3497.737500 | -64.30 | -13.00 | 51.30 | Horizontal |
| 4896.862500 | -65.74 | -13.00 | 52.74 | Horizontal |

7.1.1.2. Test Channel = MCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 63.320000 | -81.76 | -13.00 | 68.76 | Vertical |
| 285.966667 | -82.64 | -13.00 | 69.64 | Vertical |
| 1406.000000 | -61.49 | -13.00 | 48.49 | Vertical |
| 2109.500000 | -58.88 | -13.00 | 45.88 | Vertical |
| 2812.500000 | -55.13 | -13.00 | 42.13 | Vertical |
| 3515.287500 | -62.08 | -13.00 | 49.08 | Vertical |
| 63.133333 | -77.34 | -13.00 | 64.34 | Horizontal |
| 1406.000000 | -62.01 | -13.00 | 49.01 | Horizontal |
| 2109.500000 | -58.75 | -13.00 | 45.75 | Horizontal |
| 2812.500000 | -52.44 | -13.00 | 39.44 | Horizontal |
| 3515.287500 | -62.36 | -13.00 | 49.36 | Horizontal |
| 4921.237500 | -65.11 | -13.00 | 52.11 | Horizontal |

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7.1.1.3. Test Channel = HCH

| Frequency (MHz) | Level (dBm) | Limit Line (dBm) | Margin (dB) | Polarization |
|-----------------|-------------|------------------|-------------|--------------|
| 64.440000 | -81.70 | -13.00 | 68.70 | Vertical |
| 1413.000000 | -59.61 | -13.00 | 46.61 | Vertical |
| 2120.000000 | -58.79 | -13.00 | 45.79 | Vertical |
| 2826.500000 | -55.09 | -13.00 | 42.09 | Vertical |
| 3532.837500 | -65.28 | -13.00 | 52.28 | Vertical |
| 4946.100000 | -66.12 | -13.00 | 53.12 | Vertical |
| 56.413333 | -77.20 | -13.00 | 64.20 | Horizontal |
| 1413.000000 | -60.53 | -13.00 | 47.53 | Horizontal |
| 2120.000000 | -59.58 | -13.00 | 46.58 | Horizontal |
| 2826.500000 | -53.73 | -13.00 | 40.73 | Horizontal |
| 3532.837500 | -60.56 | -13.00 | 47.56 | Horizontal |
| 4946.100000 | -64.11 | -13.00 | 51.11 | Horizontal |

Remark:

- 1) The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

| | | | | \ | /oltage | | | | | |
|--------|-----------|------------|---------|-----------------|------------------|------------------|-------------------|-----------------|----------------|---------|
| BAND | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VL | NT | -5.10 | -0.007244 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VN | NT | -11.10 | -0.015767 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | VH | NT | -1.70 | -0.002415 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VL | NT | -0.30 | -0.000424 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VN | NT | -0.40 | -0.000565 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | VH | NT | 0.40 | 0.000565 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VL | NT | -8.90 | -0.012518 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VN | NT | 0.00 | 0.000000 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | VH | NT | -0.50 | -0.000703 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VL | NT | -12.30 | -0.017472 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VN | NT | -8.70 | -0.012358 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | VH | NT | -8.80 | -0.012500 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VL | NT | -0.10 | -0.000141 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VN | NT | -0.20 | -0.000283 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | VH | NT | -6.40 | -0.009046 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VL | NT | -0.20 | -0.000281 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VN | NT | -0.30 | -0.000422 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | VH | NT | 0.50 | 0.000703 | ±2.5 | PASS |

8.2. Frequency Vs Temperature

| Temperature | | | | | | | | | | |
|-------------|-----------|------------|---------|--------------|------------------|---------------------|-------------------|-----------------|----------------|---------|
| BAND | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -30 | -5.90 | -0.008381 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | -20 | -2.70 | -0.003835 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 0 | -6.20 | -0.008807 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 10 | -1.90 | -0.002699 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 20 | -9.90 | -0.014063 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 30 | -8.80 | -0.012500 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 40 | -7.80 | -0.011080 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | NV | 50 | -5.80 | -0.008239 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -30 | -0.20 | -0.000283 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | -20 | -4.90 | -0.006926 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 0 | -5.50 | -0.007774 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 10 | -7.30 | -0.010318 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 20 | -4.90 | -0.006926 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 30 | -2.10 | -0.002968 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 40 | -2.70 | -0.003816 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | NV | 50 | -2.40 | -0.003392 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -30 | -7.30 | -0.010267 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | -20 | -0.30 | -0.000422 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 0 | -11.20 | -0.015752 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 10 | -8.30 | -0.011674 | ±2.5 | PASS |



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| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 20 | -2.80 | -0.003938 | ±2.5 | PASS |
|--------|-------|-------|-------|--------|----|-----|--------|-----------|------|------|
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 30 | -6.70 | -0.009423 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 40 | -6.20 | -0.008720 | ±2.5 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | NV | 50 | -2.90 | -0.004079 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -30 | -12.90 | -0.018324 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | -20 | -8.40 | -0.011932 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 0 | -11.10 | -0.015767 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 10 | -4.60 | -0.006534 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 20 | -1.60 | -0.002273 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 30 | -8.80 | -0.012500 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 40 | -5.50 | -0.007813 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | NV | 50 | -4.50 | -0.006392 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -30 | -4.20 | -0.005936 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | -20 | -5.00 | -0.007067 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 0 | -0.10 | -0.000141 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 10 | -1.00 | -0.001413 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 20 | -0.50 | -0.000707 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 30 | 0.40 | 0.000565 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 40 | -15.00 | -0.021201 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | NV | 50 | -7.20 | -0.010177 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -30 | -7.70 | -0.010830 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | -20 | -3.30 | -0.004641 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 0 | -9.70 | -0.013643 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 10 | -7.80 | -0.010970 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 20 | -7.40 | -0.010408 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 30 | -5.60 | -0.007876 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 40 | -4.90 | -0.006892 | ±2.5 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | NV | 50 | -4.60 | -0.006470 | ±2.5 | PASS |
| | | | | | | | | | | |

The End