

# Report

|         |    |       |     |    |       |    |     |       |        |      |      |
|---------|----|-------|-----|----|-------|----|-----|-------|--------|------|------|
| Band40a | 10 | 38750 | 50  | #0 | QAM16 | NV | 0   | -3.31 | -0.001 | ±2.5 | PASS |
| Band40a | 10 | 38750 | 50  | #0 | QAM16 | NV | -10 | -5.77 | -0.002 | ±2.5 | PASS |
| Band40a | 10 | 38750 | 50  | #0 | QAM16 | NV | -20 | -4.01 | -0.002 | ±2.5 | PASS |
| Band40a | 10 | 38750 | 50  | #0 | QAM16 | NV | -30 | -6.92 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | VL | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | VN | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | VH | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 50  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 40  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 30  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 20  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 10  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | 0   | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | -10 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | -20 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QPSK  | NV | -30 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | VL | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | VN | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | VH | NT  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 50  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 40  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 30  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 20  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 10  | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | 0   | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | -10 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | -20 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 39750 | 100 | #0 | QAM16 | NV | -30 | 0.00  | 0.000  | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | VL | NT  | -8.19 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | VN | NT  | -6.73 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | VH | NT  | -7.45 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 50  | -4.49 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 40  | -5.16 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 30  | -5.02 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 20  | -1.88 | -0.001 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 10  | -7.72 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | 0   | -4.83 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | -10 | -5.83 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | -20 | -4.74 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QPSK  | NV | -30 | -3.73 | -0.001 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QAM16 | VL | NT  | -4.17 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QAM16 | VN | NT  | -4.10 | -0.002 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QAM16 | VH | NT  | -7.49 | -0.003 | ±2.5 | PASS |
| Band41  | 20 | 40620 | 100 | #0 | QAM16 | NV | 50  | -5.47 | -0.002 | ±2.5 | PASS |

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|--------|----|-------|-----|----|-------|----|-----|--------|--------|------|------|
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | 40  | -5.67  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | 30  | -5.73  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | 20  | -3.00  | -0.001 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | 10  | -6.95  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | 0   | -5.03  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | -10 | -5.45  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | -20 | -8.39  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 40620 | 100 | #0 | QAM16 | NV | -30 | -5.70  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | VL | NT  | -8.25  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | VN | NT  | 1.50   | 0.001  | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | VH | NT  | -3.69  | -0.001 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 50  | -3.49  | -0.001 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 40  | -5.07  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 30  | -4.43  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 20  | -7.89  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 10  | -8.18  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | 0   | -6.83  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | -10 | -8.42  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | -20 | -4.33  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QPSK  | NV | -30 | -4.62  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | VL | NT  | -6.35  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | VN | NT  | -6.98  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | VH | NT  | -8.51  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 50  | -10.32 | -0.004 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 40  | -7.35  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 30  | -6.98  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 20  | -2.30  | -0.001 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 10  | -4.60  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | 0   | -5.63  | -0.002 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | -10 | -8.68  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | -20 | -8.12  | -0.003 | ±2.5 | PASS |
| Band41 | 20 | 41490 | 100 | #0 | QAM16 | NV | -30 | -8.82  | -0.003 | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | VL | NT  | -0.98  | -0.001 | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | VN | NT  | -0.67  | -0.001 | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | VH | NT  | -0.90  | -0.001 | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 50  | -0.40  | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 40  | -1.04  | -0.001 | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 30  | 0.44   | 0.001  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 20  | -0.37  | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 10  | -0.30  | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | 0   | -0.22  | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | -10 | -0.27  | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | -20 | 0.18   | 0.000  | ±2.5 | PASS |
| Band5  | 10 | 20450 | 50  | #0 | QPSK  | NV | -30 | -0.82  | -0.001 | ±2.5 | PASS |

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|-------|----|-------|----|----|-------|----|-----|-------|--------|------|------|
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | VL | NT  | -0.74 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | VN | NT  | -0.41 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | VH | NT  | -1.67 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 50  | -1.71 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 40  | -2.11 | -0.003 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 30  | -0.50 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 20  | -0.28 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 10  | -0.65 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | 0   | -0.74 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | -10 | -1.08 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | -20 | -0.75 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20450 | 50 | #0 | QAM16 | NV | -30 | -0.64 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | VL | NT  | -0.65 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | VN | NT  | -1.23 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | VH | NT  | -2.11 | -0.003 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 50  | -0.07 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 40  | -0.05 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 30  | -0.32 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 20  | -1.90 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 10  | -1.24 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | 0   | -0.57 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | -10 | -0.74 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | -20 | -0.51 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QPSK  | NV | -30 | -0.04 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | VL | NT  | -0.02 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | VN | NT  | -0.22 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | VH | NT  | -0.54 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 50  | -0.81 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 40  | -1.01 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 30  | -1.04 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 20  | -1.37 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 10  | -2.04 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | 0   | 0.05  | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | -10 | -0.68 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | -20 | -1.00 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20525 | 50 | #0 | QAM16 | NV | -30 | -0.94 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | VL | NT  | -1.13 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | VN | NT  | -0.55 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | VH | NT  | -0.80 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 50  | -1.15 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 40  | -1.61 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 30  | -1.01 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 20  | -0.28 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 10  | -0.37 | 0.000  | ±2.5 | PASS |

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|-------|----|-------|----|----|-------|----|-----|-------|--------|------|------|
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | 0   | -0.84 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | -10 | -0.97 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | -20 | -0.94 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QPSK  | NV | -30 | -1.24 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | VL | NT  | -0.97 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | VN | NT  | -1.50 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | VH | NT  | -0.34 | 0.000  | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 50  | -0.70 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 40  | -0.45 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 30  | -0.58 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 20  | -1.34 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 10  | -1.38 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | 0   | -0.95 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | -10 | -1.28 | -0.002 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | -20 | -0.97 | -0.001 | ±2.5 | PASS |
| Band5 | 10 | 20600 | 50 | #0 | QAM16 | NV | -30 | -2.26 | -0.003 | ±2.5 | PASS |