

# Report

## 1 Conducted output power

| Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dB) | ERP<br>(dBm) | ERP<br>(mW) | ERP<br>Limit<br>(mW) | Verdict |
|--------|--------------------|---------------|------------|----------------|------------|----------------|--------------|--------------|-------------|----------------------|---------|
| Band12 | 1.4                | 23017         | 1          | #0             | QPSK       | 22.89          | 0.31         | 21.05        | 127.35      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 1          | #Mid           | QPSK       | 23.01          | 0.31         | 21.17        | 130.92      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 1          | #Max           | QPSK       | 22.88          | 0.31         | 21.04        | 127.06      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 3          | #0             | QPSK       | 22.99          | 0.31         | 21.15        | 130.32      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 3          | #Max           | QPSK       | 22.95          | 0.31         | 21.11        | 129.12      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 6          | #0             | QPSK       | 22.10          | 0.31         | 20.26        | 106.17      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 1          | #0             | QAM16      | 22.06          | 0.31         | 20.22        | 105.20      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 1          | #Mid           | QAM16      | 21.90          | 0.31         | 20.06        | 101.39      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 1          | #Max           | QAM16      | 21.94          | 0.31         | 20.10        | 102.33      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 3          | #0             | QAM16      | 22.04          | 0.31         | 20.20        | 104.71      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 3          | #Max           | QAM16      | 22.01          | 0.31         | 20.17        | 103.99      | 3000                 | PASS    |
| Band12 | 1.4                | 23017         | 6          | #0             | QAM16      | 21.25          | 0.31         | 19.41        | 87.30       | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #0             | QPSK       | 23.28          | 0.31         | 21.44        | 139.32      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #Mid           | QPSK       | 23.34          | 0.31         | 21.50        | 141.25      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #Max           | QPSK       | 23.38          | 0.31         | 21.54        | 142.56      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 3          | #0             | QPSK       | 23.28          | 0.31         | 21.44        | 139.32      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 3          | #Max           | QPSK       | 23.22          | 0.31         | 21.38        | 137.40      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 6          | #0             | QPSK       | 22.31          | 0.31         | 20.47        | 111.43      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #0             | QAM16      | 22.63          | 0.31         | 20.79        | 119.95      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #Mid           | QAM16      | 22.72          | 0.31         | 20.88        | 122.46      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 1          | #Max           | QAM16      | 22.55          | 0.31         | 20.71        | 117.76      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 3          | #0             | QAM16      | 22.34          | 0.31         | 20.50        | 112.20      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 3          | #Max           | QAM16      | 22.41          | 0.31         | 20.57        | 114.02      | 3000                 | PASS    |
| Band12 | 1.4                | 23095         | 6          | #0             | QAM16      | 21.12          | 0.31         | 19.28        | 84.72       | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #0             | QPSK       | 23.16          | 0.31         | 21.32        | 135.52      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #Mid           | QPSK       | 23.29          | 0.31         | 21.45        | 139.64      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #Max           | QPSK       | 23.22          | 0.31         | 21.38        | 137.40      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 3          | #0             | QPSK       | 23.04          | 0.31         | 21.20        | 131.83      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 3          | #Max           | QPSK       | 23.24          | 0.31         | 21.40        | 138.04      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 6          | #0             | QPSK       | 22.33          | 0.31         | 20.49        | 111.94      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #0             | QAM16      | 22.70          | 0.31         | 20.86        | 121.90      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #Mid           | QAM16      | 22.86          | 0.31         | 21.02        | 126.47      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 1          | #Max           | QAM16      | 22.71          | 0.31         | 20.87        | 122.18      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 3          | #0             | QAM16      | 22.27          | 0.31         | 20.43        | 110.41      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 3          | #Max           | QAM16      | 22.32          | 0.31         | 20.48        | 111.69      | 3000                 | PASS    |
| Band12 | 1.4                | 23173         | 6          | #0             | QAM16      | 21.20          | 0.31         | 19.36        | 86.30       | 3000                 | PASS    |
| Band12 | 3                  | 23025         | 1          | #0             | QPSK       | 22.92          | 0.31         | 21.08        | 128.23      | 3000                 | PASS    |
| Band12 | 3                  | 23025         | 1          | #Mid           | QPSK       | 23.10          | 0.31         | 21.26        | 133.66      | 3000                 | PASS    |
| Band12 | 3                  | 23025         | 1          | #Max           | QPSK       | 23.02          | 0.31         | 21.18        | 131.22      | 3000                 | PASS    |

## Report

|        |   |       |    |      |       |       |      |       |        |      |      |
|--------|---|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band12 | 3 | 23025 | 8  | #0   | QPSK  | 22.17 | 0.31 | 20.33 | 107.89 | 3000 | PASS |
| Band12 | 3 | 23025 | 8  | #Max | QPSK  | 22.21 | 0.31 | 20.37 | 108.89 | 3000 | PASS |
| Band12 | 3 | 23025 | 15 | #0   | QPSK  | 22.15 | 0.31 | 20.31 | 107.40 | 3000 | PASS |
| Band12 | 3 | 23025 | 1  | #0   | QAM16 | 22.13 | 0.31 | 20.29 | 106.91 | 3000 | PASS |
| Band12 | 3 | 23025 | 1  | #Mid | QAM16 | 22.08 | 0.31 | 20.24 | 105.68 | 3000 | PASS |
| Band12 | 3 | 23025 | 1  | #Max | QAM16 | 22.06 | 0.31 | 20.22 | 105.20 | 3000 | PASS |
| Band12 | 3 | 23025 | 8  | #0   | QAM16 | 21.14 | 0.31 | 19.30 | 85.11  | 3000 | PASS |
| Band12 | 3 | 23025 | 8  | #Max | QAM16 | 21.15 | 0.31 | 19.31 | 85.31  | 3000 | PASS |
| Band12 | 3 | 23025 | 15 | #0   | QAM16 | 20.95 | 0.31 | 19.11 | 81.47  | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #0   | QPSK  | 23.27 | 0.31 | 21.43 | 139.00 | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #Mid | QPSK  | 23.26 | 0.31 | 21.42 | 138.68 | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #Max | QPSK  | 23.18 | 0.31 | 21.34 | 136.14 | 3000 | PASS |
| Band12 | 3 | 23095 | 8  | #0   | QPSK  | 22.39 | 0.31 | 20.55 | 113.50 | 3000 | PASS |
| Band12 | 3 | 23095 | 8  | #Max | QPSK  | 22.39 | 0.31 | 20.55 | 113.50 | 3000 | PASS |
| Band12 | 3 | 23095 | 15 | #0   | QPSK  | 22.33 | 0.31 | 20.49 | 111.94 | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #0   | QAM16 | 22.73 | 0.31 | 20.89 | 122.74 | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #Mid | QAM16 | 22.94 | 0.31 | 21.10 | 128.82 | 3000 | PASS |
| Band12 | 3 | 23095 | 1  | #Max | QAM16 | 22.97 | 0.31 | 21.13 | 129.72 | 3000 | PASS |
| Band12 | 3 | 23095 | 8  | #0   | QAM16 | 21.62 | 0.31 | 19.78 | 95.06  | 3000 | PASS |
| Band12 | 3 | 23095 | 8  | #Max | QAM16 | 21.61 | 0.31 | 19.77 | 94.84  | 3000 | PASS |
| Band12 | 3 | 23095 | 15 | #0   | QAM16 | 21.44 | 0.31 | 19.60 | 91.20  | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #0   | QPSK  | 23.23 | 0.31 | 21.39 | 137.72 | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #Mid | QPSK  | 23.21 | 0.31 | 21.37 | 137.09 | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #Max | QPSK  | 23.23 | 0.31 | 21.39 | 137.72 | 3000 | PASS |
| Band12 | 3 | 23165 | 8  | #0   | QPSK  | 22.41 | 0.31 | 20.57 | 114.02 | 3000 | PASS |
| Band12 | 3 | 23165 | 8  | #Max | QPSK  | 22.47 | 0.31 | 20.63 | 115.61 | 3000 | PASS |
| Band12 | 3 | 23165 | 15 | #0   | QPSK  | 22.38 | 0.31 | 20.54 | 113.24 | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #0   | QAM16 | 21.92 | 0.31 | 20.08 | 101.86 | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #Mid | QAM16 | 21.85 | 0.31 | 20.01 | 100.23 | 3000 | PASS |
| Band12 | 3 | 23165 | 1  | #Max | QAM16 | 21.76 | 0.31 | 19.92 | 98.17  | 3000 | PASS |
| Band12 | 3 | 23165 | 8  | #0   | QAM16 | 21.25 | 0.31 | 19.41 | 87.30  | 3000 | PASS |
| Band12 | 3 | 23165 | 8  | #Max | QAM16 | 21.12 | 0.31 | 19.28 | 84.72  | 3000 | PASS |
| Band12 | 3 | 23165 | 15 | #0   | QAM16 | 21.34 | 0.31 | 19.50 | 89.13  | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #0   | QPSK  | 22.93 | 0.31 | 21.09 | 128.53 | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #Mid | QPSK  | 22.97 | 0.31 | 21.13 | 129.72 | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #Max | QPSK  | 23.05 | 0.31 | 21.21 | 132.13 | 3000 | PASS |
| Band12 | 5 | 23035 | 12 | #0   | QPSK  | 22.11 | 0.31 | 20.27 | 106.41 | 3000 | PASS |
| Band12 | 5 | 23035 | 12 | #Max | QPSK  | 22.22 | 0.31 | 20.38 | 109.14 | 3000 | PASS |
| Band12 | 5 | 23035 | 25 | #0   | QPSK  | 22.16 | 0.31 | 20.32 | 107.65 | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #0   | QAM16 | 22.02 | 0.31 | 20.18 | 104.23 | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #Mid | QAM16 | 22.48 | 0.31 | 20.64 | 115.88 | 3000 | PASS |
| Band12 | 5 | 23035 | 1  | #Max | QAM16 | 22.12 | 0.31 | 20.28 | 106.66 | 3000 | PASS |
| Band12 | 5 | 23035 | 12 | #0   | QAM16 | 21.02 | 0.31 | 19.18 | 82.79  | 3000 | PASS |
| Band12 | 5 | 23035 | 12 | #Max | QAM16 | 21.12 | 0.31 | 19.28 | 84.72  | 3000 | PASS |

## Report

|        |    |       |    |      |       |       |      |       |        |      |      |
|--------|----|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band12 | 5  | 23035 | 25 | #0   | QAM16 | 21.11 | 0.31 | 19.27 | 84.53  | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #0   | QPSK  | 23.10 | 0.31 | 21.26 | 133.66 | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #Mid | QPSK  | 23.23 | 0.31 | 21.39 | 137.72 | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #Max | QPSK  | 23.03 | 0.31 | 21.19 | 131.52 | 3000 | PASS |
| Band12 | 5  | 23095 | 12 | #0   | QPSK  | 22.31 | 0.31 | 20.47 | 111.43 | 3000 | PASS |
| Band12 | 5  | 23095 | 12 | #Max | QPSK  | 22.34 | 0.31 | 20.50 | 112.20 | 3000 | PASS |
| Band12 | 5  | 23095 | 25 | #0   | QPSK  | 22.25 | 0.31 | 20.41 | 109.90 | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #0   | QAM16 | 22.38 | 0.31 | 20.54 | 113.24 | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #Mid | QAM16 | 22.64 | 0.31 | 20.80 | 120.23 | 3000 | PASS |
| Band12 | 5  | 23095 | 1  | #Max | QAM16 | 22.34 | 0.31 | 20.50 | 112.20 | 3000 | PASS |
| Band12 | 5  | 23095 | 12 | #0   | QAM16 | 21.08 | 0.31 | 19.24 | 83.95  | 3000 | PASS |
| Band12 | 5  | 23095 | 12 | #Max | QAM16 | 21.11 | 0.31 | 19.27 | 84.53  | 3000 | PASS |
| Band12 | 5  | 23095 | 25 | #0   | QAM16 | 21.15 | 0.31 | 19.31 | 85.31  | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #0   | QPSK  | 23.01 | 0.31 | 21.17 | 130.92 | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #Mid | QPSK  | 23.15 | 0.31 | 21.31 | 135.21 | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #Max | QPSK  | 23.07 | 0.31 | 21.23 | 132.74 | 3000 | PASS |
| Band12 | 5  | 23155 | 12 | #0   | QPSK  | 22.22 | 0.31 | 20.38 | 109.14 | 3000 | PASS |
| Band12 | 5  | 23155 | 12 | #Max | QPSK  | 22.29 | 0.31 | 20.45 | 110.92 | 3000 | PASS |
| Band12 | 5  | 23155 | 25 | #0   | QPSK  | 22.33 | 0.31 | 20.49 | 111.94 | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #0   | QAM16 | 22.47 | 0.31 | 20.63 | 115.61 | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #Mid | QAM16 | 22.57 | 0.31 | 20.73 | 118.30 | 3000 | PASS |
| Band12 | 5  | 23155 | 1  | #Max | QAM16 | 22.50 | 0.31 | 20.66 | 116.41 | 3000 | PASS |
| Band12 | 5  | 23155 | 12 | #0   | QAM16 | 21.28 | 0.31 | 19.44 | 87.90  | 3000 | PASS |
| Band12 | 5  | 23155 | 12 | #Max | QAM16 | 21.37 | 0.31 | 19.53 | 89.74  | 3000 | PASS |
| Band12 | 5  | 23155 | 25 | #0   | QAM16 | 21.25 | 0.31 | 19.41 | 87.30  | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #0   | QPSK  | 22.94 | 0.31 | 21.10 | 128.82 | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #Mid | QPSK  | 23.39 | 0.31 | 21.55 | 142.89 | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #Max | QPSK  | 23.34 | 0.31 | 21.50 | 141.25 | 3000 | PASS |
| Band12 | 10 | 23060 | 25 | #0   | QPSK  | 22.22 | 0.31 | 20.38 | 109.14 | 3000 | PASS |
| Band12 | 10 | 23060 | 25 | #Max | QPSK  | 22.42 | 0.31 | 20.58 | 114.29 | 3000 | PASS |
| Band12 | 10 | 23060 | 50 | #0   | QPSK  | 22.23 | 0.31 | 20.39 | 109.40 | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #0   | QAM16 | 22.15 | 0.31 | 20.31 | 107.40 | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #Mid | QAM16 | 23.08 | 0.31 | 21.24 | 133.05 | 3000 | PASS |
| Band12 | 10 | 23060 | 1  | #Max | QAM16 | 23.15 | 0.31 | 21.31 | 135.21 | 3000 | PASS |
| Band12 | 10 | 23060 | 25 | #0   | QAM16 | 21.16 | 0.31 | 19.32 | 85.51  | 3000 | PASS |
| Band12 | 10 | 23060 | 25 | #Max | QAM16 | 21.50 | 0.31 | 19.66 | 92.47  | 3000 | PASS |
| Band12 | 10 | 23060 | 50 | #0   | QAM16 | 21.26 | 0.31 | 19.42 | 87.50  | 3000 | PASS |
| Band12 | 10 | 23095 | 1  | #0   | QPSK  | 23.06 | 0.31 | 21.22 | 132.43 | 3000 | PASS |
| Band12 | 10 | 23095 | 1  | #Mid | QPSK  | 23.33 | 0.31 | 21.49 | 140.93 | 3000 | PASS |
| Band12 | 10 | 23095 | 1  | #Max | QPSK  | 23.13 | 0.31 | 21.29 | 134.59 | 3000 | PASS |
| Band12 | 10 | 23095 | 25 | #0   | QPSK  | 22.32 | 0.31 | 20.48 | 111.69 | 3000 | PASS |
| Band12 | 10 | 23095 | 25 | #Max | QPSK  | 22.40 | 0.31 | 20.56 | 113.76 | 3000 | PASS |
| Band12 | 10 | 23095 | 50 | #0   | QPSK  | 22.37 | 0.31 | 20.53 | 112.98 | 3000 | PASS |
| Band12 | 10 | 23095 | 1  | #0   | QAM16 | 22.76 | 0.31 | 20.92 | 123.59 | 3000 | PASS |

## Report

|        |    |       |    |      |       |       |       |       |        |      |      |
|--------|----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band12 | 10 | 23095 | 1  | #Mid | QAM16 | 23.02 | 0.31  | 21.18 | 131.22 | 3000 | PASS |
| Band12 | 10 | 23095 | 1  | #Max | QAM16 | 22.77 | 0.31  | 20.93 | 123.88 | 3000 | PASS |
| Band12 | 10 | 23095 | 25 | #0   | QAM16 | 21.24 | 0.31  | 19.40 | 87.10  | 3000 | PASS |
| Band12 | 10 | 23095 | 25 | #Max | QAM16 | 21.44 | 0.31  | 19.60 | 91.20  | 3000 | PASS |
| Band12 | 10 | 23095 | 50 | #0   | QAM16 | 21.26 | 0.31  | 19.42 | 87.50  | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #0   | QPSK  | 23.32 | 0.31  | 21.48 | 140.60 | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #Mid | QPSK  | 23.62 | 0.31  | 21.78 | 150.66 | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #Max | QPSK  | 23.21 | 0.31  | 21.37 | 137.09 | 3000 | PASS |
| Band12 | 10 | 23130 | 25 | #0   | QPSK  | 22.43 | 0.31  | 20.59 | 114.55 | 3000 | PASS |
| Band12 | 10 | 23130 | 25 | #Max | QPSK  | 22.34 | 0.31  | 20.50 | 112.20 | 3000 | PASS |
| Band12 | 10 | 23130 | 50 | #0   | QPSK  | 22.41 | 0.31  | 20.57 | 114.02 | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #0   | QAM16 | 22.06 | 0.31  | 20.22 | 105.20 | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #Mid | QAM16 | 21.93 | 0.31  | 20.09 | 102.09 | 3000 | PASS |
| Band12 | 10 | 23130 | 1  | #Max | QAM16 | 21.69 | 0.31  | 19.85 | 96.61  | 3000 | PASS |
| Band12 | 10 | 23130 | 25 | #0   | QAM16 | 21.52 | 0.31  | 19.68 | 92.90  | 3000 | PASS |
| Band12 | 10 | 23130 | 25 | #Max | QAM16 | 21.50 | 0.31  | 19.66 | 92.47  | 3000 | PASS |
| Band12 | 10 | 23130 | 50 | #0   | QAM16 | 21.33 | 0.31  | 19.49 | 88.92  | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #0   | QPSK  | 23.23 | -1.13 | 19.95 | 98.86  | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #Mid | QPSK  | 23.44 | -1.13 | 20.16 | 103.75 | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #Max | QPSK  | 23.33 | -1.13 | 20.05 | 101.16 | 3000 | PASS |
| Band13 | 5  | 23205 | 12 | #0   | QPSK  | 22.38 | -1.13 | 19.10 | 81.28  | 3000 | PASS |
| Band13 | 5  | 23205 | 12 | #Max | QPSK  | 22.37 | -1.13 | 19.09 | 81.10  | 3000 | PASS |
| Band13 | 5  | 23205 | 25 | #0   | QPSK  | 22.43 | -1.13 | 19.15 | 82.22  | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #0   | QAM16 | 22.14 | -1.13 | 18.86 | 76.91  | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #Mid | QAM16 | 22.29 | -1.13 | 19.01 | 79.62  | 3000 | PASS |
| Band13 | 5  | 23205 | 1  | #Max | QAM16 | 22.23 | -1.13 | 18.95 | 78.52  | 3000 | PASS |
| Band13 | 5  | 23205 | 12 | #0   | QAM16 | 21.29 | -1.13 | 18.01 | 63.24  | 3000 | PASS |
| Band13 | 5  | 23205 | 12 | #Max | QAM16 | 21.47 | -1.13 | 18.19 | 65.92  | 3000 | PASS |
| Band13 | 5  | 23205 | 25 | #0   | QAM16 | 21.35 | -1.13 | 18.07 | 64.12  | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #0   | QPSK  | 23.40 | -1.13 | 20.12 | 102.80 | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #Mid | QPSK  | 23.30 | -1.13 | 20.02 | 100.46 | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #Max | QPSK  | 23.24 | -1.13 | 19.96 | 99.08  | 3000 | PASS |
| Band13 | 5  | 23230 | 12 | #0   | QPSK  | 22.40 | -1.13 | 19.12 | 81.66  | 3000 | PASS |
| Band13 | 5  | 23230 | 12 | #Max | QPSK  | 22.35 | -1.13 | 19.07 | 80.72  | 3000 | PASS |
| Band13 | 5  | 23230 | 25 | #0   | QPSK  | 22.36 | -1.13 | 19.08 | 80.91  | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #0   | QAM16 | 22.23 | -1.13 | 18.95 | 78.52  | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #Mid | QAM16 | 22.00 | -1.13 | 18.72 | 74.47  | 3000 | PASS |
| Band13 | 5  | 23230 | 1  | #Max | QAM16 | 21.99 | -1.13 | 18.71 | 74.30  | 3000 | PASS |
| Band13 | 5  | 23230 | 12 | #0   | QAM16 | 21.35 | -1.13 | 18.07 | 64.12  | 3000 | PASS |
| Band13 | 5  | 23230 | 12 | #Max | QAM16 | 21.40 | -1.13 | 18.12 | 64.86  | 3000 | PASS |
| Band13 | 5  | 23230 | 25 | #0   | QAM16 | 21.47 | -1.13 | 18.19 | 65.92  | 3000 | PASS |
| Band13 | 5  | 23255 | 1  | #0   | QPSK  | 23.35 | -1.13 | 20.07 | 101.62 | 3000 | PASS |
| Band13 | 5  | 23255 | 1  | #Mid | QPSK  | 23.48 | -1.13 | 20.20 | 104.71 | 3000 | PASS |
| Band13 | 5  | 23255 | 1  | #Max | QPSK  | 23.22 | -1.13 | 19.94 | 98.63  | 3000 | PASS |

# Report

| Band13 | 5                  | 23255         | 12         | #0             | QPSK       | 22.42          | -1.13        | 19.14         | 82.04        | 3000                  | PASS    |
|--------|--------------------|---------------|------------|----------------|------------|----------------|--------------|---------------|--------------|-----------------------|---------|
| Band13 | 5                  | 23255         | 12         | #Max           | QPSK       | 22.33          | -1.13        | 19.05         | 80.35        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 25         | #0             | QPSK       | 22.29          | -1.13        | 19.01         | 79.62        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 1          | #0             | QAM16      | 22.48          | -1.13        | 19.20         | 83.18        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 1          | #Mid           | QAM16      | 22.65          | -1.13        | 19.37         | 86.50        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 1          | #Max           | QAM16      | 22.51          | -1.13        | 19.23         | 83.75        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 12         | #0             | QAM16      | 21.21          | -1.13        | 17.93         | 62.09        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 12         | #Max           | QAM16      | 21.08          | -1.13        | 17.80         | 60.26        | 3000                  | PASS    |
| Band13 | 5                  | 23255         | 25         | #0             | QAM16      | 21.25          | -1.13        | 17.97         | 62.66        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #0             | QPSK       | 23.26          | -1.13        | 19.98         | 99.54        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #Mid           | QPSK       | 23.50          | -1.13        | 20.22         | 105.20       | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #Max           | QPSK       | 23.24          | -1.13        | 19.96         | 99.08        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 25         | #0             | QPSK       | 22.52          | -1.13        | 19.24         | 83.95        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 25         | #Max           | QPSK       | 22.37          | -1.13        | 19.09         | 81.10        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 50         | #0             | QPSK       | 22.36          | -1.13        | 19.08         | 80.91        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #0             | QAM16      | 22.44          | -1.13        | 19.16         | 82.41        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #Mid           | QAM16      | 23.13          | -1.13        | 19.85         | 96.61        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 1          | #Max           | QAM16      | 22.28          | -1.13        | 19.00         | 79.43        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 25         | #0             | QAM16      | 21.66          | -1.13        | 18.38         | 68.87        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 25         | #Max           | QAM16      | 21.51          | -1.13        | 18.23         | 66.53        | 3000                  | PASS    |
| Band13 | 10                 | 23230         | 50         | #0             | QAM16      | 21.46          | -1.13        | 18.18         | 65.77        | 3000                  | PASS    |
| Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dB) | EIRP<br>(dBm) | EIRP<br>(mW) | EIRP<br>Limit<br>(mW) | Verdict |
| Band2  | 1.4                | 18607         | 1          | #0             | QPSK       | 22.60          | -0.4         | 22.20         | 165.96       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 1          | #Mid           | QPSK       | 22.79          | -0.4         | 22.39         | 173.38       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 1          | #Max           | QPSK       | 22.67          | -0.4         | 22.27         | 168.66       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 3          | #0             | QPSK       | 22.78          | -0.4         | 22.38         | 172.98       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 3          | #Max           | QPSK       | 22.80          | -0.4         | 22.40         | 173.78       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 6          | #0             | QPSK       | 21.96          | -0.4         | 21.56         | 143.22       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 1          | #0             | QAM16      | 22.26          | -0.4         | 21.86         | 153.46       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 1          | #Mid           | QAM16      | 22.31          | -0.4         | 21.91         | 155.24       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 1          | #Max           | QAM16      | 22.30          | -0.4         | 21.90         | 154.88       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 3          | #0             | QAM16      | 21.88          | -0.4         | 21.48         | 140.60       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 3          | #Max           | QAM16      | 21.86          | -0.4         | 21.46         | 139.96       | 2000                  | PASS    |
| Band2  | 1.4                | 18607         | 6          | #0             | QAM16      | 20.74          | -0.4         | 20.34         | 108.14       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 1          | #0             | QPSK       | 22.90          | -0.4         | 22.50         | 177.83       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 1          | #Mid           | QPSK       | 22.95          | -0.4         | 22.55         | 179.89       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 1          | #Max           | QPSK       | 22.69          | -0.4         | 22.29         | 169.43       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 3          | #0             | QPSK       | 22.65          | -0.4         | 22.25         | 167.88       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 3          | #Max           | QPSK       | 22.62          | -0.4         | 22.22         | 166.72       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 6          | #0             | QPSK       | 21.81          | -0.4         | 21.41         | 138.36       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 1          | #0             | QAM16      | 21.61          | -0.4         | 21.21         | 132.13       | 2000                  | PASS    |
| Band2  | 1.4                | 18900         | 1          | #Mid           | QAM16      | 21.94          | -0.4         | 21.54         | 142.56       | 2000                  | PASS    |

## Report

|       |     |       |    |      |       |       |      |       |        |      |      |
|-------|-----|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band2 | 1.4 | 18900 | 1  | #Max | QAM16 | 21.81 | -0.4 | 21.41 | 138.36 | 2000 | PASS |
| Band2 | 1.4 | 18900 | 3  | #0   | QAM16 | 22.03 | -0.4 | 21.63 | 145.55 | 2000 | PASS |
| Band2 | 1.4 | 18900 | 3  | #Max | QAM16 | 21.67 | -0.4 | 21.27 | 133.97 | 2000 | PASS |
| Band2 | 1.4 | 18900 | 6  | #0   | QAM16 | 20.75 | -0.4 | 20.35 | 108.39 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #0   | QPSK  | 22.80 | -0.4 | 22.40 | 173.78 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #Mid | QPSK  | 22.87 | -0.4 | 22.47 | 176.60 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #Max | QPSK  | 22.76 | -0.4 | 22.36 | 172.19 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 3  | #0   | QPSK  | 22.52 | -0.4 | 22.12 | 162.93 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 3  | #Max | QPSK  | 22.61 | -0.4 | 22.21 | 166.34 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 6  | #0   | QPSK  | 21.61 | -0.4 | 21.21 | 132.13 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #0   | QAM16 | 21.80 | -0.4 | 21.40 | 138.04 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #Mid | QAM16 | 21.90 | -0.4 | 21.50 | 141.25 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 1  | #Max | QAM16 | 21.69 | -0.4 | 21.29 | 134.59 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 3  | #0   | QAM16 | 21.73 | -0.4 | 21.33 | 135.83 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 3  | #Max | QAM16 | 21.74 | -0.4 | 21.34 | 136.14 | 2000 | PASS |
| Band2 | 1.4 | 19193 | 6  | #0   | QAM16 | 20.46 | -0.4 | 20.06 | 101.39 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #0   | QPSK  | 22.77 | -0.4 | 22.37 | 172.58 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #Mid | QPSK  | 22.81 | -0.4 | 22.41 | 174.18 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #Max | QPSK  | 22.80 | -0.4 | 22.40 | 173.78 | 2000 | PASS |
| Band2 | 3   | 18615 | 8  | #0   | QPSK  | 21.85 | -0.4 | 21.45 | 139.64 | 2000 | PASS |
| Band2 | 3   | 18615 | 8  | #Max | QPSK  | 21.79 | -0.4 | 21.39 | 137.72 | 2000 | PASS |
| Band2 | 3   | 18615 | 15 | #0   | QPSK  | 21.82 | -0.4 | 21.42 | 138.68 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #0   | QAM16 | 21.90 | -0.4 | 21.50 | 141.25 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #Mid | QAM16 | 21.90 | -0.4 | 21.50 | 141.25 | 2000 | PASS |
| Band2 | 3   | 18615 | 1  | #Max | QAM16 | 21.87 | -0.4 | 21.47 | 140.28 | 2000 | PASS |
| Band2 | 3   | 18615 | 8  | #0   | QAM16 | 20.84 | -0.4 | 20.44 | 110.66 | 2000 | PASS |
| Band2 | 3   | 18615 | 8  | #Max | QAM16 | 20.78 | -0.4 | 20.38 | 109.14 | 2000 | PASS |
| Band2 | 3   | 18615 | 15 | #0   | QAM16 | 20.71 | -0.4 | 20.31 | 107.40 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #0   | QPSK  | 22.68 | -0.4 | 22.28 | 169.04 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #Mid | QPSK  | 22.63 | -0.4 | 22.23 | 167.11 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #Max | QPSK  | 22.59 | -0.4 | 22.19 | 165.58 | 2000 | PASS |
| Band2 | 3   | 18900 | 8  | #0   | QPSK  | 21.72 | -0.4 | 21.32 | 135.52 | 2000 | PASS |
| Band2 | 3   | 18900 | 8  | #Max | QPSK  | 21.76 | -0.4 | 21.36 | 136.77 | 2000 | PASS |
| Band2 | 3   | 18900 | 15 | #0   | QPSK  | 21.64 | -0.4 | 21.24 | 133.05 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #0   | QAM16 | 21.81 | -0.4 | 21.41 | 138.36 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #Mid | QAM16 | 21.86 | -0.4 | 21.46 | 139.96 | 2000 | PASS |
| Band2 | 3   | 18900 | 1  | #Max | QAM16 | 21.92 | -0.4 | 21.52 | 141.91 | 2000 | PASS |
| Band2 | 3   | 18900 | 8  | #0   | QAM16 | 20.89 | -0.4 | 20.49 | 111.94 | 2000 | PASS |
| Band2 | 3   | 18900 | 8  | #Max | QAM16 | 20.94 | -0.4 | 20.54 | 113.24 | 2000 | PASS |
| Band2 | 3   | 18900 | 15 | #0   | QAM16 | 20.80 | -0.4 | 20.40 | 109.65 | 2000 | PASS |
| Band2 | 3   | 19185 | 1  | #0   | QPSK  | 22.49 | -0.4 | 22.09 | 161.81 | 2000 | PASS |
| Band2 | 3   | 19185 | 1  | #Mid | QPSK  | 22.57 | -0.4 | 22.17 | 164.82 | 2000 | PASS |
| Band2 | 3   | 19185 | 1  | #Max | QPSK  | 22.47 | -0.4 | 22.07 | 161.06 | 2000 | PASS |
| Band2 | 3   | 19185 | 8  | #0   | QPSK  | 21.59 | -0.4 | 21.19 | 131.52 | 2000 | PASS |

# Report

|       |   |       |    |      |       |       |      |       |        |      |      |
|-------|---|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band2 | 3 | 19185 | 8  | #Max | QPSK  | 21.50 | -0.4 | 21.10 | 128.82 | 2000 | PASS |
| Band2 | 3 | 19185 | 15 | #0   | QPSK  | 21.58 | -0.4 | 21.18 | 131.22 | 2000 | PASS |
| Band2 | 3 | 19185 | 1  | #0   | QAM16 | 21.43 | -0.4 | 21.03 | 126.77 | 2000 | PASS |
| Band2 | 3 | 19185 | 1  | #Mid | QAM16 | 21.48 | -0.4 | 21.08 | 128.23 | 2000 | PASS |
| Band2 | 3 | 19185 | 1  | #Max | QAM16 | 21.41 | -0.4 | 21.01 | 126.18 | 2000 | PASS |
| Band2 | 3 | 19185 | 8  | #0   | QAM16 | 20.64 | -0.4 | 20.24 | 105.68 | 2000 | PASS |
| Band2 | 3 | 19185 | 8  | #Max | QAM16 | 20.68 | -0.4 | 20.28 | 106.66 | 2000 | PASS |
| Band2 | 3 | 19185 | 15 | #0   | QAM16 | 20.57 | -0.4 | 20.17 | 103.99 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #0   | QPSK  | 22.67 | -0.4 | 22.27 | 168.66 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #Mid | QPSK  | 22.65 | -0.4 | 22.25 | 167.88 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #Max | QPSK  | 22.72 | -0.4 | 22.32 | 170.61 | 2000 | PASS |
| Band2 | 5 | 18625 | 12 | #0   | QPSK  | 21.80 | -0.4 | 21.40 | 138.04 | 2000 | PASS |
| Band2 | 5 | 18625 | 12 | #Max | QPSK  | 21.80 | -0.4 | 21.40 | 138.04 | 2000 | PASS |
| Band2 | 5 | 18625 | 25 | #0   | QPSK  | 21.89 | -0.4 | 21.49 | 140.93 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #0   | QAM16 | 21.65 | -0.4 | 21.25 | 133.35 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #Mid | QAM16 | 21.55 | -0.4 | 21.15 | 130.32 | 2000 | PASS |
| Band2 | 5 | 18625 | 1  | #Max | QAM16 | 21.35 | -0.4 | 20.95 | 124.45 | 2000 | PASS |
| Band2 | 5 | 18625 | 12 | #0   | QAM16 | 20.69 | -0.4 | 20.29 | 106.91 | 2000 | PASS |
| Band2 | 5 | 18625 | 12 | #Max | QAM16 | 20.67 | -0.4 | 20.27 | 106.41 | 2000 | PASS |
| Band2 | 5 | 18625 | 25 | #0   | QAM16 | 20.95 | -0.4 | 20.55 | 113.50 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #0   | QPSK  | 22.46 | -0.4 | 22.06 | 160.69 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #Mid | QPSK  | 22.58 | -0.4 | 22.18 | 165.20 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #Max | QPSK  | 22.45 | -0.4 | 22.05 | 160.32 | 2000 | PASS |
| Band2 | 5 | 18900 | 12 | #0   | QPSK  | 21.73 | -0.4 | 21.33 | 135.83 | 2000 | PASS |
| Band2 | 5 | 18900 | 12 | #Max | QPSK  | 21.66 | -0.4 | 21.26 | 133.66 | 2000 | PASS |
| Band2 | 5 | 18900 | 25 | #0   | QPSK  | 21.63 | -0.4 | 21.23 | 132.74 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #0   | QAM16 | 21.87 | -0.4 | 21.47 | 140.28 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #Mid | QAM16 | 21.93 | -0.4 | 21.53 | 142.23 | 2000 | PASS |
| Band2 | 5 | 18900 | 1  | #Max | QAM16 | 21.72 | -0.4 | 21.32 | 135.52 | 2000 | PASS |
| Band2 | 5 | 18900 | 12 | #0   | QAM16 | 20.49 | -0.4 | 20.09 | 102.09 | 2000 | PASS |
| Band2 | 5 | 18900 | 12 | #Max | QAM16 | 20.48 | -0.4 | 20.08 | 101.86 | 2000 | PASS |
| Band2 | 5 | 18900 | 25 | #0   | QAM16 | 20.45 | -0.4 | 20.05 | 101.16 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #0   | QPSK  | 22.62 | -0.4 | 22.22 | 166.72 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #Mid | QPSK  | 22.53 | -0.4 | 22.13 | 163.31 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #Max | QPSK  | 22.38 | -0.4 | 21.98 | 157.76 | 2000 | PASS |
| Band2 | 5 | 19175 | 12 | #0   | QPSK  | 21.65 | -0.4 | 21.25 | 133.35 | 2000 | PASS |
| Band2 | 5 | 19175 | 12 | #Max | QPSK  | 21.51 | -0.4 | 21.11 | 129.12 | 2000 | PASS |
| Band2 | 5 | 19175 | 25 | #0   | QPSK  | 21.53 | -0.4 | 21.13 | 129.72 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #0   | QAM16 | 21.83 | -0.4 | 21.43 | 139.00 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #Mid | QAM16 | 21.76 | -0.4 | 21.36 | 136.77 | 2000 | PASS |
| Band2 | 5 | 19175 | 1  | #Max | QAM16 | 21.54 | -0.4 | 21.14 | 130.02 | 2000 | PASS |
| Band2 | 5 | 19175 | 12 | #0   | QAM16 | 20.78 | -0.4 | 20.38 | 109.14 | 2000 | PASS |
| Band2 | 5 | 19175 | 12 | #Max | QAM16 | 20.65 | -0.4 | 20.25 | 105.93 | 2000 | PASS |
| Band2 | 5 | 19175 | 25 | #0   | QAM16 | 20.64 | -0.4 | 20.24 | 105.68 | 2000 | PASS |

# Report

|       |    |       |    |      |       |       |      |       |        |      |      |
|-------|----|-------|----|------|-------|-------|------|-------|--------|------|------|
| Band2 | 10 | 18650 | 1  | #0   | QPSK  | 22.70 | -0.4 | 22.30 | 169.82 | 2000 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QPSK  | 22.88 | -0.4 | 22.48 | 177.01 | 2000 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QPSK  | 22.72 | -0.4 | 22.32 | 170.61 | 2000 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QPSK  | 21.96 | -0.4 | 21.56 | 143.22 | 2000 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QPSK  | 21.78 | -0.4 | 21.38 | 137.40 | 2000 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QPSK  | 21.89 | -0.4 | 21.49 | 140.93 | 2000 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QAM16 | 21.87 | -0.4 | 21.47 | 140.28 | 2000 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QAM16 | 22.51 | -0.4 | 22.11 | 162.55 | 2000 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QAM16 | 21.70 | -0.4 | 21.30 | 134.90 | 2000 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QAM16 | 21.05 | -0.4 | 20.65 | 116.14 | 2000 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QAM16 | 20.85 | -0.4 | 20.45 | 110.92 | 2000 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QAM16 | 20.79 | -0.4 | 20.39 | 109.40 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QPSK  | 22.53 | -0.4 | 22.13 | 163.31 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QPSK  | 22.71 | -0.4 | 22.31 | 170.22 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QPSK  | 22.56 | -0.4 | 22.16 | 164.44 | 2000 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QPSK  | 21.68 | -0.4 | 21.28 | 134.28 | 2000 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QPSK  | 21.51 | -0.4 | 21.11 | 129.12 | 2000 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QPSK  | 21.61 | -0.4 | 21.21 | 132.13 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QAM16 | 22.06 | -0.4 | 21.66 | 146.55 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QAM16 | 22.70 | -0.4 | 22.30 | 169.82 | 2000 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QAM16 | 22.00 | -0.4 | 21.60 | 144.54 | 2000 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QAM16 | 20.79 | -0.4 | 20.39 | 109.40 | 2000 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QAM16 | 20.62 | -0.4 | 20.22 | 105.20 | 2000 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QAM16 | 20.56 | -0.4 | 20.16 | 103.75 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QPSK  | 22.52 | -0.4 | 22.12 | 162.93 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QPSK  | 22.84 | -0.4 | 22.44 | 175.39 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QPSK  | 22.47 | -0.4 | 22.07 | 161.06 | 2000 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QPSK  | 21.60 | -0.4 | 21.20 | 131.83 | 2000 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QPSK  | 21.44 | -0.4 | 21.04 | 127.06 | 2000 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QPSK  | 21.63 | -0.4 | 21.23 | 132.74 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QAM16 | 21.61 | -0.4 | 21.21 | 132.13 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QAM16 | 21.77 | -0.4 | 21.37 | 137.09 | 2000 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QAM16 | 20.93 | -0.4 | 20.53 | 112.98 | 2000 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QAM16 | 20.59 | -0.4 | 20.19 | 104.47 | 2000 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QAM16 | 20.36 | -0.4 | 19.96 | 99.08  | 2000 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QAM16 | 20.54 | -0.4 | 20.14 | 103.28 | 2000 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QPSK  | 22.71 | -0.4 | 22.31 | 170.22 | 2000 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QPSK  | 22.88 | -0.4 | 22.48 | 177.01 | 2000 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | QPSK  | 22.68 | -0.4 | 22.28 | 169.04 | 2000 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | QPSK  | 21.89 | -0.4 | 21.49 | 140.93 | 2000 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | QPSK  | 21.74 | -0.4 | 21.34 | 136.14 | 2000 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | QPSK  | 21.77 | -0.4 | 21.37 | 137.09 | 2000 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QAM16 | 21.93 | -0.4 | 21.53 | 142.23 | 2000 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QAM16 | 22.56 | -0.4 | 22.16 | 164.44 | 2000 | PASS |

# Report

|       |    |       |     |      |       |       |      |       |        |      |      |
|-------|----|-------|-----|------|-------|-------|------|-------|--------|------|------|
| Band2 | 15 | 18675 | 1   | #Max | QAM16 | 21.80 | -0.4 | 21.40 | 138.04 | 2000 | PASS |
| Band2 | 15 | 18675 | 36  | #0   | QAM16 | 20.80 | -0.4 | 20.40 | 109.65 | 2000 | PASS |
| Band2 | 15 | 18675 | 36  | #Max | QAM16 | 20.69 | -0.4 | 20.29 | 106.91 | 2000 | PASS |
| Band2 | 15 | 18675 | 75  | #0   | QAM16 | 20.70 | -0.4 | 20.30 | 107.15 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #0   | QPSK  | 22.56 | -0.4 | 22.16 | 164.44 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #Mid | QPSK  | 22.51 | -0.4 | 22.11 | 162.55 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #Max | QPSK  | 22.43 | -0.4 | 22.03 | 159.59 | 2000 | PASS |
| Band2 | 15 | 18900 | 36  | #0   | QPSK  | 21.60 | -0.4 | 21.20 | 131.83 | 2000 | PASS |
| Band2 | 15 | 18900 | 36  | #Max | QPSK  | 21.46 | -0.4 | 21.06 | 127.64 | 2000 | PASS |
| Band2 | 15 | 18900 | 75  | #0   | QPSK  | 21.61 | -0.4 | 21.21 | 132.13 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #0   | QAM16 | 22.06 | -0.4 | 21.66 | 146.55 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #Mid | QAM16 | 22.63 | -0.4 | 22.23 | 167.11 | 2000 | PASS |
| Band2 | 15 | 18900 | 1   | #Max | QAM16 | 22.19 | -0.4 | 21.79 | 151.01 | 2000 | PASS |
| Band2 | 15 | 18900 | 36  | #0   | QAM16 | 20.68 | -0.4 | 20.28 | 106.66 | 2000 | PASS |
| Band2 | 15 | 18900 | 36  | #Max | QAM16 | 20.46 | -0.4 | 20.06 | 101.39 | 2000 | PASS |
| Band2 | 15 | 18900 | 75  | #0   | QAM16 | 20.57 | -0.4 | 20.17 | 103.99 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #0   | QPSK  | 22.60 | -0.4 | 22.20 | 165.96 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #Mid | QPSK  | 22.61 | -0.4 | 22.21 | 166.34 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #Max | QPSK  | 22.45 | -0.4 | 22.05 | 160.32 | 2000 | PASS |
| Band2 | 15 | 19125 | 36  | #0   | QPSK  | 21.74 | -0.4 | 21.34 | 136.14 | 2000 | PASS |
| Band2 | 15 | 19125 | 36  | #Max | QPSK  | 21.55 | -0.4 | 21.15 | 130.32 | 2000 | PASS |
| Band2 | 15 | 19125 | 75  | #0   | QPSK  | 21.60 | -0.4 | 21.20 | 131.83 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #0   | QAM16 | 21.40 | -0.4 | 21.00 | 125.89 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #Mid | QAM16 | 21.21 | -0.4 | 20.81 | 120.50 | 2000 | PASS |
| Band2 | 15 | 19125 | 1   | #Max | QAM16 | 20.30 | -0.4 | 19.90 | 97.72  | 2000 | PASS |
| Band2 | 15 | 19125 | 36  | #0   | QAM16 | 20.57 | -0.4 | 20.17 | 103.99 | 2000 | PASS |
| Band2 | 15 | 19125 | 36  | #Max | QAM16 | 20.48 | -0.4 | 20.08 | 101.86 | 2000 | PASS |
| Band2 | 15 | 19125 | 75  | #0   | QAM16 | 20.64 | -0.4 | 20.24 | 105.68 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | QPSK  | 22.58 | -0.4 | 22.18 | 165.20 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | QPSK  | 22.93 | -0.4 | 22.53 | 179.06 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | QPSK  | 22.57 | -0.4 | 22.17 | 164.82 | 2000 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | QPSK  | 21.84 | -0.4 | 21.44 | 139.32 | 2000 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | QPSK  | 21.77 | -0.4 | 21.37 | 137.09 | 2000 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | QPSK  | 21.77 | -0.4 | 21.37 | 137.09 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | QAM16 | 22.03 | -0.4 | 21.63 | 145.55 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | QAM16 | 22.39 | -0.4 | 21.99 | 158.12 | 2000 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | QAM16 | 22.02 | -0.4 | 21.62 | 145.21 | 2000 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | QAM16 | 20.82 | -0.4 | 20.42 | 110.15 | 2000 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | QAM16 | 20.77 | -0.4 | 20.37 | 108.89 | 2000 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | QAM16 | 20.86 | -0.4 | 20.46 | 111.17 | 2000 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QPSK  | 22.67 | -0.4 | 22.27 | 168.66 | 2000 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QPSK  | 22.85 | -0.4 | 22.45 | 175.79 | 2000 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QPSK  | 22.63 | -0.4 | 22.23 | 167.11 | 2000 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QPSK  | 21.62 | -0.4 | 21.22 | 132.43 | 2000 | PASS |

# Report

| Band2 | 20                 | 18900         | 50         | #Max           | QPSK       | 21.49          | -0.4         | 21.09         | 128.53       | 2000                  | PASS    |
|-------|--------------------|---------------|------------|----------------|------------|----------------|--------------|---------------|--------------|-----------------------|---------|
| Band2 | 20                 | 18900         | 100        | #0             | QPSK       | 21.65          | -0.4         | 21.25         | 133.35       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 1          | #0             | QAM16      | 21.38          | -0.4         | 20.98         | 125.31       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 1          | #Mid           | QAM16      | 21.38          | -0.4         | 20.98         | 125.31       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 1          | #Max           | QAM16      | 20.65          | -0.4         | 20.25         | 105.93       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 50         | #0             | QAM16      | 20.70          | -0.4         | 20.30         | 107.15       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 50         | #Max           | QAM16      | 20.51          | -0.4         | 20.11         | 102.57       | 2000                  | PASS    |
| Band2 | 20                 | 18900         | 100        | #0             | QAM16      | 20.61          | -0.4         | 20.21         | 104.95       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #0             | QPSK       | 22.74          | -0.4         | 22.34         | 171.40       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #Mid           | QPSK       | 22.77          | -0.4         | 22.37         | 172.58       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #Max           | QPSK       | 22.40          | -0.4         | 22.00         | 158.49       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 50         | #0             | QPSK       | 21.75          | -0.4         | 21.35         | 136.46       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 50         | #Max           | QPSK       | 21.66          | -0.4         | 21.26         | 133.66       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 100        | #0             | QPSK       | 21.66          | -0.4         | 21.26         | 133.66       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #0             | QAM16      | 21.60          | -0.4         | 21.20         | 131.83       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #Mid           | QAM16      | 22.13          | -0.4         | 21.73         | 148.94       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 1          | #Max           | QAM16      | 21.38          | -0.4         | 20.98         | 125.31       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 50         | #0             | QAM16      | 20.69          | -0.4         | 20.29         | 106.91       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 50         | #Max           | QAM16      | 20.62          | -0.4         | 20.22         | 105.20       | 2000                  | PASS    |
| Band2 | 20                 | 19100         | 100        | #0             | QAM16      | 20.63          | -0.4         | 20.23         | 105.44       | 2000                  | PASS    |
| Band  | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Power<br>(dBm) | Gain<br>(dB) | EIRP<br>(dBm) | EIRP<br>(mW) | EIRP<br>Limit<br>(mW) | Verdict |
| Band4 | 1.4                | 19957         | 1          | #0             | QPSK       | 23.07          | -1.73        | 21.34         | 136.14       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 1          | #Mid           | QPSK       | 23.04          | -1.73        | 21.31         | 135.21       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 1          | #Max           | QPSK       | 22.93          | -1.73        | 21.20         | 131.83       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 3          | #0             | QPSK       | 23.10          | -1.73        | 21.37         | 137.09       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 3          | #Max           | QPSK       | 23.14          | -1.73        | 21.41         | 138.36       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 6          | #0             | QPSK       | 22.23          | -1.73        | 20.50         | 112.20       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 1          | #0             | QAM16      | 22.73          | -1.73        | 21.00         | 125.89       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 1          | #Mid           | QAM16      | 22.72          | -1.73        | 20.99         | 125.60       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 1          | #Max           | QAM16      | 22.79          | -1.73        | 21.06         | 127.64       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 3          | #0             | QAM16      | 22.47          | -1.73        | 20.74         | 118.58       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 3          | #Max           | QAM16      | 22.47          | -1.73        | 20.74         | 118.58       | 1000                  | PASS    |
| Band4 | 1.4                | 19957         | 6          | #0             | QAM16      | 21.49          | -1.73        | 19.76         | 94.62        | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #0             | QPSK       | 23.27          | -1.73        | 21.54         | 142.56       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #Mid           | QPSK       | 23.34          | -1.73        | 21.61         | 144.88       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #Max           | QPSK       | 23.26          | -1.73        | 21.53         | 142.23       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 3          | #0             | QPSK       | 23.32          | -1.73        | 21.59         | 144.21       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 3          | #Max           | QPSK       | 23.19          | -1.73        | 21.46         | 139.96       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 6          | #0             | QPSK       | 22.45          | -1.73        | 20.72         | 118.03       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #0             | QAM16      | 22.38          | -1.73        | 20.65         | 116.14       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #Mid           | QAM16      | 22.43          | -1.73        | 20.70         | 117.49       | 1000                  | PASS    |
| Band4 | 1.4                | 20175         | 1          | #Max           | QAM16      | 22.33          | -1.73        | 20.60         | 114.82       | 1000                  | PASS    |

## Report

|       |     |       |    |      |       |       |       |       |        |      |      |
|-------|-----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band4 | 1.4 | 20175 | 3  | #0   | QAM16 | 22.34 | -1.73 | 20.61 | 115.08 | 1000 | PASS |
| Band4 | 1.4 | 20175 | 3  | #Max | QAM16 | 22.24 | -1.73 | 20.51 | 112.46 | 1000 | PASS |
| Band4 | 1.4 | 20175 | 6  | #0   | QAM16 | 21.22 | -1.73 | 19.49 | 88.92  | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #0   | QPSK  | 23.21 | -1.73 | 21.48 | 140.60 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #Mid | QPSK  | 23.28 | -1.73 | 21.55 | 142.89 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #Max | QPSK  | 23.28 | -1.73 | 21.55 | 142.89 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 3  | #0   | QPSK  | 23.20 | -1.73 | 21.47 | 140.28 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 3  | #Max | QPSK  | 23.19 | -1.73 | 21.46 | 139.96 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 6  | #0   | QPSK  | 22.22 | -1.73 | 20.49 | 111.94 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #0   | QAM16 | 22.37 | -1.73 | 20.64 | 115.88 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #Mid | QAM16 | 22.60 | -1.73 | 20.87 | 122.18 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 1  | #Max | QAM16 | 22.39 | -1.73 | 20.66 | 116.41 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 3  | #0   | QAM16 | 22.25 | -1.73 | 20.52 | 112.72 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 3  | #Max | QAM16 | 22.44 | -1.73 | 20.71 | 117.76 | 1000 | PASS |
| Band4 | 1.4 | 20393 | 6  | #0   | QAM16 | 21.33 | -1.73 | 19.60 | 91.20  | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | QPSK  | 23.33 | -1.73 | 21.60 | 144.54 | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | QPSK  | 23.16 | -1.73 | 21.43 | 139.00 | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | QPSK  | 23.18 | -1.73 | 21.45 | 139.64 | 1000 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | QPSK  | 22.39 | -1.73 | 20.66 | 116.41 | 1000 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | QPSK  | 22.24 | -1.73 | 20.51 | 112.46 | 1000 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | QPSK  | 22.36 | -1.73 | 20.63 | 115.61 | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #0   | QAM16 | 22.26 | -1.73 | 20.53 | 112.98 | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #Mid | QAM16 | 22.20 | -1.73 | 20.47 | 111.43 | 1000 | PASS |
| Band4 | 3   | 19965 | 1  | #Max | QAM16 | 22.24 | -1.73 | 20.51 | 112.46 | 1000 | PASS |
| Band4 | 3   | 19965 | 8  | #0   | QAM16 | 21.38 | -1.73 | 19.65 | 92.26  | 1000 | PASS |
| Band4 | 3   | 19965 | 8  | #Max | QAM16 | 21.24 | -1.73 | 19.51 | 89.33  | 1000 | PASS |
| Band4 | 3   | 19965 | 15 | #0   | QAM16 | 21.22 | -1.73 | 19.49 | 88.92  | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | QPSK  | 23.37 | -1.73 | 21.64 | 145.88 | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | QPSK  | 23.36 | -1.73 | 21.63 | 145.55 | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | QPSK  | 23.49 | -1.73 | 21.76 | 149.97 | 1000 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | QPSK  | 22.59 | -1.73 | 20.86 | 121.90 | 1000 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | QPSK  | 22.46 | -1.73 | 20.73 | 118.30 | 1000 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | QPSK  | 22.52 | -1.73 | 20.79 | 119.95 | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #0   | QAM16 | 22.71 | -1.73 | 20.98 | 125.31 | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #Mid | QAM16 | 22.68 | -1.73 | 20.95 | 124.45 | 1000 | PASS |
| Band4 | 3   | 20175 | 1  | #Max | QAM16 | 22.82 | -1.73 | 21.09 | 128.53 | 1000 | PASS |
| Band4 | 3   | 20175 | 8  | #0   | QAM16 | 21.76 | -1.73 | 20.03 | 100.69 | 1000 | PASS |
| Band4 | 3   | 20175 | 8  | #Max | QAM16 | 21.34 | -1.73 | 19.61 | 91.41  | 1000 | PASS |
| Band4 | 3   | 20175 | 15 | #0   | QAM16 | 21.31 | -1.73 | 19.58 | 90.78  | 1000 | PASS |
| Band4 | 3   | 20385 | 1  | #0   | QPSK  | 22.83 | -1.73 | 21.10 | 128.82 | 1000 | PASS |
| Band4 | 3   | 20385 | 1  | #Mid | QPSK  | 23.05 | -1.73 | 21.32 | 135.52 | 1000 | PASS |
| Band4 | 3   | 20385 | 1  | #Max | QPSK  | 23.17 | -1.73 | 21.44 | 139.32 | 1000 | PASS |
| Band4 | 3   | 20385 | 8  | #0   | QPSK  | 22.14 | -1.73 | 20.41 | 109.90 | 1000 | PASS |
| Band4 | 3   | 20385 | 8  | #Max | QPSK  | 22.37 | -1.73 | 20.64 | 115.88 | 1000 | PASS |

## Report

|       |    |       |    |      |       |       |       |       |        |      |      |
|-------|----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band4 | 3  | 20385 | 15 | #0   | QPSK  | 22.26 | -1.73 | 20.53 | 112.98 | 1000 | PASS |
| Band4 | 3  | 20385 | 1  | #0   | QAM16 | 22.07 | -1.73 | 20.34 | 108.14 | 1000 | PASS |
| Band4 | 3  | 20385 | 1  | #Mid | QAM16 | 22.18 | -1.73 | 20.45 | 110.92 | 1000 | PASS |
| Band4 | 3  | 20385 | 1  | #Max | QAM16 | 21.85 | -1.73 | 20.12 | 102.80 | 1000 | PASS |
| Band4 | 3  | 20385 | 8  | #0   | QAM16 | 20.96 | -1.73 | 19.23 | 83.75  | 1000 | PASS |
| Band4 | 3  | 20385 | 8  | #Max | QAM16 | 21.09 | -1.73 | 19.36 | 86.30  | 1000 | PASS |
| Band4 | 3  | 20385 | 15 | #0   | QAM16 | 21.18 | -1.73 | 19.45 | 88.10  | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | QPSK  | 23.18 | -1.73 | 21.45 | 139.64 | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QPSK  | 23.14 | -1.73 | 21.41 | 138.36 | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QPSK  | 23.16 | -1.73 | 21.43 | 139.00 | 1000 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QPSK  | 22.37 | -1.73 | 20.64 | 115.88 | 1000 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QPSK  | 22.21 | -1.73 | 20.48 | 111.69 | 1000 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QPSK  | 22.38 | -1.73 | 20.65 | 116.14 | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | QAM16 | 22.18 | -1.73 | 20.45 | 110.92 | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QAM16 | 22.02 | -1.73 | 20.29 | 106.91 | 1000 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QAM16 | 21.92 | -1.73 | 20.19 | 104.47 | 1000 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QAM16 | 21.34 | -1.73 | 19.61 | 91.41  | 1000 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QAM16 | 21.18 | -1.73 | 19.45 | 88.10  | 1000 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QAM16 | 21.40 | -1.73 | 19.67 | 92.68  | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QPSK  | 23.34 | -1.73 | 21.61 | 144.88 | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QPSK  | 23.23 | -1.73 | 21.50 | 141.25 | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QPSK  | 23.24 | -1.73 | 21.51 | 141.58 | 1000 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QPSK  | 22.60 | -1.73 | 20.87 | 122.18 | 1000 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QPSK  | 22.52 | -1.73 | 20.79 | 119.95 | 1000 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QPSK  | 22.55 | -1.73 | 20.82 | 120.78 | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QAM16 | 22.58 | -1.73 | 20.85 | 121.62 | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QAM16 | 22.59 | -1.73 | 20.86 | 121.90 | 1000 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QAM16 | 22.61 | -1.73 | 20.88 | 122.46 | 1000 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QAM16 | 21.45 | -1.73 | 19.72 | 93.76  | 1000 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QAM16 | 21.38 | -1.73 | 19.65 | 92.26  | 1000 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QAM16 | 21.41 | -1.73 | 19.68 | 92.90  | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QPSK  | 23.13 | -1.73 | 21.40 | 138.04 | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QPSK  | 23.19 | -1.73 | 21.46 | 139.96 | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QPSK  | 23.29 | -1.73 | 21.56 | 143.22 | 1000 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QPSK  | 22.28 | -1.73 | 20.55 | 113.50 | 1000 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QPSK  | 22.40 | -1.73 | 20.67 | 116.68 | 1000 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QPSK  | 22.29 | -1.73 | 20.56 | 113.76 | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QAM16 | 22.51 | -1.73 | 20.78 | 119.67 | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QAM16 | 22.62 | -1.73 | 20.89 | 122.74 | 1000 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QAM16 | 22.75 | -1.73 | 21.02 | 126.47 | 1000 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QAM16 | 21.42 | -1.73 | 19.69 | 93.11  | 1000 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QAM16 | 21.54 | -1.73 | 19.81 | 95.72  | 1000 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QAM16 | 21.31 | -1.73 | 19.58 | 90.78  | 1000 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QPSK  | 23.27 | -1.73 | 21.54 | 142.56 | 1000 | PASS |

# Report

|       |    |       |    |      |       |       |       |       |        |      |      |
|-------|----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band4 | 10 | 20000 | 1  | #Mid | QPSK  | 23.32 | -1.73 | 21.59 | 144.21 | 1000 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QPSK  | 23.28 | -1.73 | 21.55 | 142.89 | 1000 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QPSK  | 22.43 | -1.73 | 20.70 | 117.49 | 1000 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QPSK  | 22.44 | -1.73 | 20.71 | 117.76 | 1000 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QPSK  | 22.38 | -1.73 | 20.65 | 116.14 | 1000 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QAM16 | 22.43 | -1.73 | 20.70 | 117.49 | 1000 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QAM16 | 22.97 | -1.73 | 21.24 | 133.05 | 1000 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QAM16 | 22.38 | -1.73 | 20.65 | 116.14 | 1000 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QAM16 | 21.44 | -1.73 | 19.71 | 93.54  | 1000 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QAM16 | 21.51 | -1.73 | 19.78 | 95.06  | 1000 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QAM16 | 21.39 | -1.73 | 19.66 | 92.47  | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QPSK  | 23.43 | -1.73 | 21.70 | 147.91 | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QPSK  | 23.69 | -1.73 | 21.96 | 157.04 | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QPSK  | 23.25 | -1.73 | 21.52 | 141.91 | 1000 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QPSK  | 22.57 | -1.73 | 20.84 | 121.34 | 1000 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QPSK  | 22.49 | -1.73 | 20.76 | 119.12 | 1000 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QPSK  | 22.59 | -1.73 | 20.86 | 121.90 | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QAM16 | 23.06 | -1.73 | 21.33 | 135.83 | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QAM16 | 23.65 | -1.73 | 21.92 | 155.60 | 1000 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QAM16 | 23.01 | -1.73 | 21.28 | 134.28 | 1000 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QAM16 | 21.68 | -1.73 | 19.95 | 98.86  | 1000 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QAM16 | 21.42 | -1.73 | 19.69 | 93.11  | 1000 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QAM16 | 21.46 | -1.73 | 19.73 | 93.97  | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QPSK  | 23.24 | -1.73 | 21.51 | 141.58 | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QPSK  | 23.52 | -1.73 | 21.79 | 151.01 | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QPSK  | 23.30 | -1.73 | 21.57 | 143.55 | 1000 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QPSK  | 22.32 | -1.73 | 20.59 | 114.55 | 1000 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QPSK  | 22.29 | -1.73 | 20.56 | 113.76 | 1000 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QPSK  | 22.28 | -1.73 | 20.55 | 113.50 | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QAM16 | 22.06 | -1.73 | 20.33 | 107.89 | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QAM16 | 22.75 | -1.73 | 21.02 | 126.47 | 1000 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QAM16 | 22.03 | -1.73 | 20.30 | 107.15 | 1000 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QAM16 | 21.41 | -1.73 | 19.68 | 92.90  | 1000 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QAM16 | 21.45 | -1.73 | 19.72 | 93.76  | 1000 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QAM16 | 21.17 | -1.73 | 19.44 | 87.90  | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QPSK  | 23.29 | -1.73 | 21.56 | 143.22 | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | QPSK  | 23.40 | -1.73 | 21.67 | 146.89 | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QPSK  | 23.34 | -1.73 | 21.61 | 144.88 | 1000 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | QPSK  | 22.35 | -1.73 | 20.62 | 115.35 | 1000 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | QPSK  | 22.45 | -1.73 | 20.72 | 118.03 | 1000 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | QPSK  | 22.41 | -1.73 | 20.68 | 116.95 | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QAM16 | 22.57 | -1.73 | 20.84 | 121.34 | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | QAM16 | 23.30 | -1.73 | 21.57 | 143.55 | 1000 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QAM16 | 22.74 | -1.73 | 21.01 | 126.18 | 1000 | PASS |

## Report

|       |    |       |     |      |       |       |       |       |        |      |      |
|-------|----|-------|-----|------|-------|-------|-------|-------|--------|------|------|
| Band4 | 15 | 20025 | 36  | #0   | QAM16 | 21.38 | -1.73 | 19.65 | 92.26  | 1000 | PASS |
| Band4 | 15 | 20025 | 36  | #Max | QAM16 | 21.43 | -1.73 | 19.70 | 93.33  | 1000 | PASS |
| Band4 | 15 | 20025 | 75  | #0   | QAM16 | 21.43 | -1.73 | 19.70 | 93.33  | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #0   | QPSK  | 23.63 | -1.73 | 21.90 | 154.88 | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #Mid | QPSK  | 23.59 | -1.73 | 21.86 | 153.46 | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #Max | QPSK  | 23.35 | -1.73 | 21.62 | 145.21 | 1000 | PASS |
| Band4 | 15 | 20175 | 36  | #0   | QPSK  | 22.64 | -1.73 | 20.91 | 123.31 | 1000 | PASS |
| Band4 | 15 | 20175 | 36  | #Max | QPSK  | 22.51 | -1.73 | 20.78 | 119.67 | 1000 | PASS |
| Band4 | 15 | 20175 | 75  | #0   | QPSK  | 22.53 | -1.73 | 20.80 | 120.23 | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #0   | QAM16 | 23.18 | -1.73 | 21.45 | 139.64 | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #Mid | QAM16 | 23.76 | -1.73 | 22.03 | 159.59 | 1000 | PASS |
| Band4 | 15 | 20175 | 1   | #Max | QAM16 | 23.09 | -1.73 | 21.36 | 136.77 | 1000 | PASS |
| Band4 | 15 | 20175 | 36  | #0   | QAM16 | 21.60 | -1.73 | 19.87 | 97.05  | 1000 | PASS |
| Band4 | 15 | 20175 | 36  | #Max | QAM16 | 21.41 | -1.73 | 19.68 | 92.90  | 1000 | PASS |
| Band4 | 15 | 20175 | 75  | #0   | QAM16 | 21.52 | -1.73 | 19.79 | 95.28  | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #0   | QPSK  | 23.37 | -1.73 | 21.64 | 145.88 | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #Mid | QPSK  | 23.32 | -1.73 | 21.59 | 144.21 | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #Max | QPSK  | 23.34 | -1.73 | 21.61 | 144.88 | 1000 | PASS |
| Band4 | 15 | 20325 | 36  | #0   | QPSK  | 22.47 | -1.73 | 20.74 | 118.58 | 1000 | PASS |
| Band4 | 15 | 20325 | 36  | #Max | QPSK  | 22.36 | -1.73 | 20.63 | 115.61 | 1000 | PASS |
| Band4 | 15 | 20325 | 75  | #0   | QPSK  | 22.32 | -1.73 | 20.59 | 114.55 | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #0   | QAM16 | 22.30 | -1.73 | 20.57 | 114.02 | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #Mid | QAM16 | 22.05 | -1.73 | 20.32 | 107.65 | 1000 | PASS |
| Band4 | 15 | 20325 | 1   | #Max | QAM16 | 21.58 | -1.73 | 19.85 | 96.61  | 1000 | PASS |
| Band4 | 15 | 20325 | 36  | #0   | QAM16 | 21.35 | -1.73 | 19.62 | 91.62  | 1000 | PASS |
| Band4 | 15 | 20325 | 36  | #Max | QAM16 | 21.30 | -1.73 | 19.57 | 90.57  | 1000 | PASS |
| Band4 | 15 | 20325 | 75  | #0   | QAM16 | 21.24 | -1.73 | 19.51 | 89.33  | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QPSK  | 23.03 | -1.73 | 21.30 | 134.90 | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QPSK  | 23.64 | -1.73 | 21.91 | 155.24 | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QPSK  | 23.41 | -1.73 | 21.68 | 147.23 | 1000 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QPSK  | 22.36 | -1.73 | 20.63 | 115.61 | 1000 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QPSK  | 22.65 | -1.73 | 20.92 | 123.59 | 1000 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QPSK  | 22.41 | -1.73 | 20.68 | 116.95 | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QAM16 | 22.69 | -1.73 | 20.96 | 124.74 | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QAM16 | 23.01 | -1.73 | 21.28 | 134.28 | 1000 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QAM16 | 22.95 | -1.73 | 21.22 | 132.43 | 1000 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QAM16 | 21.46 | -1.73 | 19.73 | 93.97  | 1000 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QAM16 | 21.76 | -1.73 | 20.03 | 100.69 | 1000 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QAM16 | 21.51 | -1.73 | 19.78 | 95.06  | 1000 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QPSK  | 23.64 | -1.73 | 21.91 | 155.24 | 1000 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QPSK  | 24.15 | -1.73 | 22.42 | 174.58 | 1000 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QPSK  | 23.50 | -1.73 | 21.77 | 150.31 | 1000 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QPSK  | 22.62 | -1.73 | 20.89 | 122.74 | 1000 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QPSK  | 22.56 | -1.73 | 20.83 | 121.06 | 1000 | PASS |

# Report

|       |     |       |     |      |       |       |       |       |        |      |      |
|-------|-----|-------|-----|------|-------|-------|-------|-------|--------|------|------|
| Band4 | 20  | 20175 | 100 | #0   | QPSK  | 22.65 | -1.73 | 20.92 | 123.59 | 1000 | PASS |
| Band4 | 20  | 20175 | 1   | #0   | QAM16 | 22.26 | -1.73 | 20.53 | 112.98 | 1000 | PASS |
| Band4 | 20  | 20175 | 1   | #Mid | QAM16 | 22.33 | -1.73 | 20.60 | 114.82 | 1000 | PASS |
| Band4 | 20  | 20175 | 1   | #Max | QAM16 | 21.54 | -1.73 | 19.81 | 95.72  | 1000 | PASS |
| Band4 | 20  | 20175 | 50  | #0   | QAM16 | 21.70 | -1.73 | 19.97 | 99.31  | 1000 | PASS |
| Band4 | 20  | 20175 | 50  | #Max | QAM16 | 21.47 | -1.73 | 19.74 | 94.19  | 1000 | PASS |
| Band4 | 20  | 20175 | 100 | #0   | QAM16 | 21.59 | -1.73 | 19.86 | 96.83  | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #0   | QPSK  | 23.69 | -1.73 | 21.96 | 157.04 | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #Mid | QPSK  | 23.66 | -1.73 | 21.93 | 155.96 | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #Max | QPSK  | 23.30 | -1.73 | 21.57 | 143.55 | 1000 | PASS |
| Band4 | 20  | 20300 | 50  | #0   | QPSK  | 22.64 | -1.73 | 20.91 | 123.31 | 1000 | PASS |
| Band4 | 20  | 20300 | 50  | #Max | QPSK  | 22.45 | -1.73 | 20.72 | 118.03 | 1000 | PASS |
| Band4 | 20  | 20300 | 100 | #0   | QPSK  | 22.45 | -1.73 | 20.72 | 118.03 | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #0   | QAM16 | 22.67 | -1.73 | 20.94 | 124.17 | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #Mid | QAM16 | 23.01 | -1.73 | 21.28 | 134.28 | 1000 | PASS |
| Band4 | 20  | 20300 | 1   | #Max | QAM16 | 22.45 | -1.73 | 20.72 | 118.03 | 1000 | PASS |
| Band4 | 20  | 20300 | 50  | #0   | QAM16 | 21.56 | -1.73 | 19.83 | 96.16  | 1000 | PASS |
| Band4 | 20  | 20300 | 50  | #Max | QAM16 | 21.41 | -1.73 | 19.68 | 92.90  | 1000 | PASS |
| Band4 | 20  | 20300 | 100 | #0   | QAM16 | 21.48 | -1.73 | 19.75 | 94.41  | 1000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #0   | QPSK  | 23.34 | -0.69 | 20.50 | 112.20 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #Mid | QPSK  | 23.41 | -0.69 | 20.57 | 114.02 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #Max | QPSK  | 23.23 | -0.69 | 20.39 | 109.40 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 3   | #0   | QPSK  | 23.33 | -0.69 | 20.49 | 111.94 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 3   | #Max | QPSK  | 23.27 | -0.69 | 20.43 | 110.41 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 6   | #0   | QPSK  | 22.37 | -0.69 | 19.53 | 89.74  | 7000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #0   | QAM16 | 22.78 | -0.69 | 19.94 | 98.63  | 7000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #Mid | QAM16 | 22.96 | -0.69 | 20.12 | 102.80 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 1   | #Max | QAM16 | 22.86 | -0.69 | 20.02 | 100.46 | 7000 | PASS |
| Band5 | 1.4 | 20407 | 3   | #0   | QAM16 | 22.75 | -0.69 | 19.91 | 97.95  | 7000 | PASS |
| Band5 | 1.4 | 20407 | 3   | #Max | QAM16 | 22.73 | -0.69 | 19.89 | 97.50  | 7000 | PASS |
| Band5 | 1.4 | 20407 | 6   | #0   | QAM16 | 21.39 | -0.69 | 18.55 | 71.61  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #0   | QPSK  | 23.26 | -0.69 | 20.42 | 110.15 | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #Mid | QPSK  | 23.24 | -0.69 | 20.40 | 109.65 | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #Max | QPSK  | 23.11 | -0.69 | 20.27 | 106.41 | 7000 | PASS |
| Band5 | 1.4 | 20525 | 3   | #0   | QPSK  | 23.13 | -0.69 | 20.29 | 106.91 | 7000 | PASS |
| Band5 | 1.4 | 20525 | 3   | #Max | QPSK  | 23.21 | -0.69 | 20.37 | 108.89 | 7000 | PASS |
| Band5 | 1.4 | 20525 | 6   | #0   | QPSK  | 22.18 | -0.69 | 19.34 | 85.90  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #0   | QAM16 | 22.29 | -0.69 | 19.45 | 88.10  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #Mid | QAM16 | 22.36 | -0.69 | 19.52 | 89.54  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 1   | #Max | QAM16 | 22.06 | -0.69 | 19.22 | 83.56  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 3   | #0   | QAM16 | 22.15 | -0.69 | 19.31 | 85.31  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 3   | #Max | QAM16 | 22.09 | -0.69 | 19.25 | 84.14  | 7000 | PASS |
| Band5 | 1.4 | 20525 | 6   | #0   | QAM16 | 21.08 | -0.69 | 18.24 | 66.68  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 1   | #0   | QPSK  | 23.41 | -0.69 | 20.57 | 114.02 | 7000 | PASS |

# Report

|       |     |       |    |      |       |       |       |       |        |      |      |
|-------|-----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band5 | 1.4 | 20643 | 1  | #Mid | QPSK  | 23.50 | -0.69 | 20.66 | 116.41 | 7000 | PASS |
| Band5 | 1.4 | 20643 | 1  | #Max | QPSK  | 23.33 | -0.69 | 20.49 | 111.94 | 7000 | PASS |
| Band5 | 1.4 | 20643 | 3  | #0   | QPSK  | 23.32 | -0.69 | 20.48 | 111.69 | 7000 | PASS |
| Band5 | 1.4 | 20643 | 3  | #Max | QPSK  | 23.17 | -0.69 | 20.33 | 107.89 | 7000 | PASS |
| Band5 | 1.4 | 20643 | 6  | #0   | QPSK  | 22.26 | -0.69 | 19.42 | 87.50  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 1  | #0   | QAM16 | 22.46 | -0.69 | 19.62 | 91.62  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 1  | #Mid | QAM16 | 22.57 | -0.69 | 19.73 | 93.97  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 1  | #Max | QAM16 | 22.38 | -0.69 | 19.54 | 89.95  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 3  | #0   | QAM16 | 22.37 | -0.69 | 19.53 | 89.74  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 3  | #Max | QAM16 | 22.36 | -0.69 | 19.52 | 89.54  | 7000 | PASS |
| Band5 | 1.4 | 20643 | 6  | #0   | QAM16 | 20.99 | -0.69 | 18.15 | 65.31  | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #0   | QPSK  | 23.35 | -0.69 | 20.51 | 112.46 | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #Mid | QPSK  | 23.31 | -0.69 | 20.47 | 111.43 | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #Max | QPSK  | 23.26 | -0.69 | 20.42 | 110.15 | 7000 | PASS |
| Band5 | 3   | 20415 | 8  | #0   | QPSK  | 22.55 | -0.69 | 19.71 | 93.54  | 7000 | PASS |
| Band5 | 3   | 20415 | 8  | #Max | QPSK  | 22.40 | -0.69 | 19.56 | 90.36  | 7000 | PASS |
| Band5 | 3   | 20415 | 15 | #0   | QPSK  | 22.53 | -0.69 | 19.69 | 93.11  | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #0   | QAM16 | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #Mid | QAM16 | 22.33 | -0.69 | 19.49 | 88.92  | 7000 | PASS |
| Band5 | 3   | 20415 | 1  | #Max | QAM16 | 22.25 | -0.69 | 19.41 | 87.30  | 7000 | PASS |
| Band5 | 3   | 20415 | 8  | #0   | QAM16 | 21.38 | -0.69 | 18.54 | 71.45  | 7000 | PASS |
| Band5 | 3   | 20415 | 8  | #Max | QAM16 | 21.49 | -0.69 | 18.65 | 73.28  | 7000 | PASS |
| Band5 | 3   | 20415 | 15 | #0   | QAM16 | 21.55 | -0.69 | 18.71 | 74.30  | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #0   | QPSK  | 23.30 | -0.69 | 20.46 | 111.17 | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #Mid | QPSK  | 23.38 | -0.69 | 20.54 | 113.24 | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #Max | QPSK  | 23.19 | -0.69 | 20.35 | 108.39 | 7000 | PASS |
| Band5 | 3   | 20525 | 8  | #0   | QPSK  | 22.30 | -0.69 | 19.46 | 88.31  | 7000 | PASS |
| Band5 | 3   | 20525 | 8  | #Max | QPSK  | 22.33 | -0.69 | 19.49 | 88.92  | 7000 | PASS |
| Band5 | 3   | 20525 | 15 | #0   | QPSK  | 22.24 | -0.69 | 19.40 | 87.10  | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #0   | QAM16 | 22.50 | -0.69 | 19.66 | 92.47  | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #Mid | QAM16 | 22.63 | -0.69 | 19.79 | 95.28  | 7000 | PASS |
| Band5 | 3   | 20525 | 1  | #Max | QAM16 | 22.37 | -0.69 | 19.53 | 89.74  | 7000 | PASS |
| Band5 | 3   | 20525 | 8  | #0   | QAM16 | 21.09 | -0.69 | 18.25 | 66.83  | 7000 | PASS |
| Band5 | 3   | 20525 | 8  | #Max | QAM16 | 21.04 | -0.69 | 18.20 | 66.07  | 7000 | PASS |
| Band5 | 3   | 20525 | 15 | #0   | QAM16 | 20.88 | -0.69 | 18.04 | 63.68  | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #0   | QPSK  | 23.27 | -0.69 | 20.43 | 110.41 | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #Mid | QPSK  | 23.45 | -0.69 | 20.61 | 115.08 | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #Max | QPSK  | 23.19 | -0.69 | 20.35 | 108.39 | 7000 | PASS |
| Band5 | 3   | 20635 | 8  | #0   | QPSK  | 22.43 | -0.69 | 19.59 | 90.99  | 7000 | PASS |
| Band5 | 3   | 20635 | 8  | #Max | QPSK  | 22.37 | -0.69 | 19.53 | 89.74  | 7000 | PASS |
| Band5 | 3   | 20635 | 15 | #0   | QPSK  | 22.29 | -0.69 | 19.45 | 88.10  | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #0   | QAM16 | 21.95 | -0.69 | 19.11 | 81.47  | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #Mid | QAM16 | 22.21 | -0.69 | 19.37 | 86.50  | 7000 | PASS |
| Band5 | 3   | 20635 | 1  | #Max | QAM16 | 21.75 | -0.69 | 18.91 | 77.80  | 7000 | PASS |

## Report

|       |    |       |    |      |       |       |       |       |        |      |      |
|-------|----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band5 | 3  | 20635 | 8  | #0   | QAM16 | 21.15 | -0.69 | 18.31 | 67.76  | 7000 | PASS |
| Band5 | 3  | 20635 | 8  | #Max | QAM16 | 21.33 | -0.69 | 18.49 | 70.63  | 7000 | PASS |
| Band5 | 3  | 20635 | 15 | #0   | QAM16 | 21.36 | -0.69 | 18.52 | 71.12  | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | QPSK  | 23.32 | -0.69 | 20.48 | 111.69 | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | QPSK  | 23.24 | -0.69 | 20.40 | 109.65 | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | QPSK  | 23.23 | -0.69 | 20.39 | 109.40 | 7000 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | QPSK  | 22.36 | -0.69 | 19.52 | 89.54  | 7000 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | QPSK  | 22.42 | -0.69 | 19.58 | 90.78  | 7000 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | QPSK  | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | QAM16 | 22.15 | -0.69 | 19.31 | 85.31  | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | QAM16 | 21.91 | -0.69 | 19.07 | 80.72  | 7000 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | QAM16 | 21.87 | -0.69 | 19.03 | 79.98  | 7000 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | QAM16 | 21.28 | -0.69 | 18.44 | 69.82  | 7000 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | QAM16 | 21.31 | -0.69 | 18.47 | 70.31  | 7000 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | QAM16 | 21.33 | -0.69 | 18.49 | 70.63  | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | QPSK  | 23.11 | -0.69 | 20.27 | 106.41 | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | QPSK  | 23.12 | -0.69 | 20.28 | 106.66 | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | QPSK  | 23.01 | -0.69 | 20.17 | 103.99 | 7000 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | QPSK  | 22.32 | -0.69 | 19.48 | 88.72  | 7000 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | QPSK  | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | QPSK  | 22.28 | -0.69 | 19.44 | 87.90  | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | QAM16 | 22.48 | -0.69 | 19.64 | 92.04  | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | QAM16 | 22.42 | -0.69 | 19.58 | 90.78  | 7000 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | QAM16 | 22.25 | -0.69 | 19.41 | 87.30  | 7000 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | QAM16 | 20.94 | -0.69 | 18.10 | 64.57  | 7000 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | QAM16 | 21.01 | -0.69 | 18.17 | 65.61  | 7000 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | QAM16 | 21.06 | -0.69 | 18.22 | 66.37  | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | QPSK  | 23.13 | -0.69 | 20.29 | 106.91 | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | QPSK  | 23.38 | -0.69 | 20.54 | 113.24 | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | QPSK  | 23.14 | -0.69 | 20.30 | 107.15 | 7000 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | QPSK  | 22.41 | -0.69 | 19.57 | 90.57  | 7000 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | QPSK  | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | QPSK  | 22.36 | -0.69 | 19.52 | 89.54  | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | QAM16 | 22.38 | -0.69 | 19.54 | 89.95  | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | QAM16 | 22.31 | -0.69 | 19.47 | 88.51  | 7000 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | QAM16 | 22.21 | -0.69 | 19.37 | 86.50  | 7000 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | QAM16 | 21.08 | -0.69 | 18.24 | 66.68  | 7000 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | QAM16 | 21.20 | -0.69 | 18.36 | 68.55  | 7000 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | QAM16 | 21.11 | -0.69 | 18.27 | 67.14  | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QPSK  | 23.32 | -0.69 | 20.48 | 111.69 | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QPSK  | 23.37 | -0.69 | 20.53 | 112.98 | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QPSK  | 23.27 | -0.69 | 20.43 | 110.41 | 7000 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QPSK  | 22.48 | -0.69 | 19.64 | 92.04  | 7000 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QPSK  | 22.48 | -0.69 | 19.64 | 92.04  | 7000 | PASS |

## Report

|       |    |       |    |      |       |       |       |       |        |      |      |
|-------|----|-------|----|------|-------|-------|-------|-------|--------|------|------|
| Band5 | 10 | 20450 | 50 | #0   | QPSK  | 22.44 | -0.69 | 19.60 | 91.20  | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QAM16 | 22.58 | -0.69 | 19.74 | 94.19  | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QAM16 | 22.98 | -0.69 | 20.14 | 103.28 | 7000 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QAM16 | 22.27 | -0.69 | 19.43 | 87.70  | 7000 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QAM16 | 21.48 | -0.69 | 18.64 | 73.11  | 7000 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QAM16 | 21.52 | -0.69 | 18.68 | 73.79  | 7000 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | QAM16 | 21.28 | -0.69 | 18.44 | 69.82  | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QPSK  | 23.35 | -0.69 | 20.51 | 112.46 | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QPSK  | 23.66 | -0.69 | 20.82 | 120.78 | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QPSK  | 23.19 | -0.69 | 20.35 | 108.39 | 7000 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QPSK  | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | QPSK  | 22.39 | -0.69 | 19.55 | 90.16  | 7000 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QPSK  | 22.28 | -0.69 | 19.44 | 87.90  | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QAM16 | 22.82 | -0.69 | 19.98 | 99.54  | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QAM16 | 22.94 | -0.69 | 20.10 | 102.33 | 7000 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QAM16 | 22.92 | -0.69 | 20.08 | 101.86 | 7000 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QAM16 | 21.33 | -0.69 | 18.49 | 70.63  | 7000 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | QAM16 | 21.44 | -0.69 | 18.60 | 72.44  | 7000 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QAM16 | 21.29 | -0.69 | 18.45 | 69.98  | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QPSK  | 23.19 | -0.69 | 20.35 | 108.39 | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QPSK  | 23.80 | -0.69 | 20.96 | 124.74 | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QPSK  | 23.29 | -0.69 | 20.45 | 110.92 | 7000 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QPSK  | 22.43 | -0.69 | 19.59 | 90.99  | 7000 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QPSK  | 22.25 | -0.69 | 19.41 | 87.30  | 7000 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QPSK  | 22.31 | -0.69 | 19.47 | 88.51  | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QAM16 | 21.93 | -0.69 | 19.09 | 81.10  | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QAM16 | 22.16 | -0.69 | 19.32 | 85.51  | 7000 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QAM16 | 21.62 | -0.69 | 18.78 | 75.51  | 7000 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QAM16 | 21.45 | -0.69 | 18.61 | 72.61  | 7000 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QAM16 | 21.41 | -0.69 | 18.57 | 71.94  | 7000 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QAM16 | 21.25 | -0.69 | 18.41 | 69.34  | 7000 | PASS |

## 2 Frequency stability

| Band   | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Size | RB<br>Position | Modulation | Voltage<br>(Vdc) | Temperature<br>(°C) | Result(Hz) | Result<br>(ppm) | Limit<br>(ppm) | Verdict |
|--------|--------------------|---------------|------------|----------------|------------|------------------|---------------------|------------|-----------------|----------------|---------|
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | VL               | NT                  | -0.40      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | VN               | NT                  | -0.62      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | VH               | NT                  | -0.72      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 50                  | -0.97      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 40                  | -0.15      | 0.000           | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 30                  | -0.41      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 20                  | -1.02      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 10                  | -0.55      | -0.001          | ±2.5           | PASS    |
| Band12 | 10                 | 23060         | 50         | #0             | QPSK       | NV               | 0                   | -0.74      | -0.001          | ±2.5           | PASS    |

## Report

|        |    |       |    |    |       |    |     |       |        |      |      |
|--------|----|-------|----|----|-------|----|-----|-------|--------|------|------|
| Band12 | 10 | 23060 | 50 | #0 | QPSK  | NV | -10 | -1.28 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QPSK  | NV | -20 | -0.18 | 0.000  | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QPSK  | NV | -30 | -0.61 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | VL | NT  | -0.84 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | VN | NT  | -0.95 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | VH | NT  | -1.02 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 50  | -0.60 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 40  | -0.07 | 0.000  | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 30  | -1.02 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 20  | -0.94 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 10  | -0.68 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | 0   | -0.71 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | -10 | -0.47 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | -20 | -0.92 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23060 | 50 | #0 | QAM16 | NV | -30 | -1.25 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | VL | NT  | -0.65 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | VN | NT  | -1.00 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | VH | NT  | -0.84 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 50  | -0.85 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 40  | -1.40 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 30  | -1.00 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 20  | -0.47 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 10  | -1.61 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | 0   | -1.10 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | -10 | -1.64 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | -20 | -1.35 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QPSK  | NV | -30 | -0.14 | 0.000  | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | VL | NT  | -1.28 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | VN | NT  | -1.20 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | VH | NT  | -0.61 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 50  | -1.40 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 40  | -1.14 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 30  | -0.92 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 20  | -1.41 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 10  | -1.37 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | 0   | -0.98 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | -10 | -1.40 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | -20 | -0.64 | -0.001 | ±2.5 | PASS |
| Band12 | 10 | 23095 | 50 | #0 | QAM16 | NV | -30 | -1.95 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | VL | NT  | -2.50 | -0.004 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | VN | NT  | -1.48 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | VH | NT  | -2.43 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | NV | 50  | -2.10 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50 | #0 | QPSK  | NV | 40  | -1.18 | -0.002 | ±2.5 | PASS |

## Report

|        |    |       |     |    |       |    |     |       |        |      |      |
|--------|----|-------|-----|----|-------|----|-----|-------|--------|------|------|
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | 30  | -1.61 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | 20  | -2.54 | -0.004 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | 10  | -2.38 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | 0   | -2.23 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | -10 | -2.16 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | -20 | -1.98 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QPSK  | NV | -30 | -1.53 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | VL | NT  | -2.73 | -0.004 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | VN | NT  | -1.93 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | VH | NT  | -2.24 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 50  | -2.07 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 40  | -2.18 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 30  | -1.88 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 20  | -2.61 | -0.004 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 10  | -1.27 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | 0   | -2.10 | -0.003 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | -10 | -2.51 | -0.004 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | -20 | -1.63 | -0.002 | ±2.5 | PASS |
| Band12 | 10 | 23130 | 50  | #0 | QAM16 | NV | -30 | -1.44 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | VL | NT  | -1.28 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | VN | NT  | -1.63 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | VH | NT  | -1.41 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 50  | -1.44 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 40  | -0.91 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 30  | -0.84 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 20  | -1.58 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 10  | -1.13 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | 0   | -1.27 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | -10 | -0.80 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | -20 | -0.68 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QPSK  | NV | -30 | -1.71 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | VL | NT  | -0.57 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | VN | NT  | -1.57 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | VH | NT  | -1.75 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 50  | -0.98 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 40  | -0.65 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 30  | -1.50 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 20  | -1.01 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 10  | -1.31 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | 0   | -1.07 | -0.001 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | -10 | -1.30 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | -20 | -1.25 | -0.002 | ±2.5 | PASS |
| Band13 | 10 | 23230 | 50  | #0 | QAM16 | NV | -30 | -0.98 | -0.001 | ±2.5 | PASS |
| Band2  | 20 | 18700 | 100 | #0 | QPSK  | VL | NT  | 1.24  | 0.001  | ±2.5 | PASS |