

## 1 Conducted output power for NR FR1

| Band           | SCS (kHz) | Bandwidth (MHz) | UL Channel | RB Allocation | Modulation | Power (dBm) | Unflip EIRP (dBm) | Flip EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|----------------|-----------|-----------------|------------|---------------|------------|-------------|-------------------|-----------------|------------------|---------|
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | DFT_BPSK   | 26.14       | 25.04             | 25.23           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | DFT_BPSK   | 25.92       | 24.82             | 25.01           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | DFT_BPSK   | 26.05       | 24.95             | 25.14           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | DFT_QPSK   | 26.11       | 25.01             | 25.2            | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | DFT_QPSK   | 25.79       | 24.69             | 24.88           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | DFT_QPSK   | 25.93       | 24.83             | 25.02           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | DFT_QAM16  | 25.16       | 24.06             | 24.25           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | DFT_QAM16  | 24.97       | 23.87             | 24.06           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | DFT_QAM16  | 25.44       | 24.34             | 24.53           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | DFT_QAM64  | 23.74       | 22.64             | 22.83           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | DFT_QAM64  | 23.48       | 22.38             | 22.57           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | DFT_QAM64  | 23.78       | 22.68             | 22.87           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | DFT_QAM256 | 21.65       | 20.55             | 20.74           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | DFT_QAM256 | 21.65       | 20.55             | 20.74           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | DFT_QAM256 | 21.75       | 20.65             | 20.84           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | CP_QPSK    | 24.57       | 23.47             | 23.66           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | CP_QPSK    | 24.50       | 23.4              | 23.59           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | CP_QPSK    | 24.66       | 23.56             | 23.75           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | CP_QAM16   | 24.00       | 22.9              | 23.09           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | CP_QAM16   | 24.05       | 22.95             | 23.14           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | CP_QAM16   | 24.14       | 23.04             | 23.23           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | CP_QAM64   | 22.52       | 21.42             | 21.61           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | CP_QAM64   | 22.15       | 21.05             | 21.24           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | CP_QAM64   | 22.80       | 21.7              | 21.89           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 12@6          | CP_QAM256  | 19.36       | 18.26             | 18.45           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@1           | CP_QAM256  | 19.16       | 18.06             | 18.25           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 637000     | 1@22          | CP_QAM256  | 19.35       | 18.25             | 18.44           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 12@6          | DFT_BPSK   | 26.05       | 24.95             | 25.14           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@1           | DFT_BPSK   | 26.04       | 24.94             | 25.13           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@22          | DFT_BPSK   | 25.84       | 24.74             | 24.93           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 12@6          | DFT_QPSK   | 26.03       | 24.93             | 25.12           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@1           | DFT_QPSK   | 25.98       | 24.88             | 25.07           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@22          | DFT_QPSK   | 25.75       | 24.65             | 24.84           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 12@6          | DFT_QAM16  | 25.03       | 23.93             | 24.12           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@1           | DFT_QAM16  | 25.41       | 24.31             | 24.5            | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@22          | DFT_QAM16  | 25.24       | 24.14             | 24.33           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 12@6          | DFT_QAM64  | 23.67       | 22.57             | 22.76           | 33.01            | PASS    |
| n77(3550-3700) | 30        | 10              | 641666     | 1@1           | DFT_QAM64  | 23.64       | 22.54             | 22.73           | 33.01            | PASS    |

|                |    |    |        |      |            |       |       |       |       |      |
|----------------|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | DFT_QAM64  | 23.54 | 22.44 | 22.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 12@6 | DFT_QAM256 | 21.57 | 20.47 | 20.66 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@1  | DFT_QAM256 | 21.69 | 20.59 | 20.78 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | DFT_QAM256 | 21.58 | 20.48 | 20.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 12@6 | CP_QPSK    | 24.54 | 23.44 | 23.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@1  | CP_QPSK    | 24.38 | 23.28 | 23.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | CP_QPSK    | 24.48 | 23.38 | 23.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 12@6 | CP_QAM16   | 23.97 | 22.87 | 23.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@1  | CP_QAM16   | 24.07 | 22.97 | 23.16 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | CP_QAM16   | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 12@6 | CP_QAM64   | 22.45 | 21.35 | 21.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@1  | CP_QAM64   | 22.81 | 21.71 | 21.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | CP_QAM64   | 22.65 | 21.55 | 21.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 12@6 | CP_QAM256  | 19.64 | 18.54 | 18.73 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@1  | CP_QAM256  | 19.91 | 18.81 | 19    | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 641666 | 1@22 | CP_QAM256  | 19.19 | 18.09 | 18.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | DFT_BPSK   | 25.58 | 24.48 | 24.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | DFT_BPSK   | 25.43 | 24.33 | 24.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | DFT_BPSK   | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | DFT_QPSK   | 25.60 | 24.5  | 24.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | DFT_QPSK   | 25.34 | 24.24 | 24.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | DFT_QPSK   | 25.43 | 24.33 | 24.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | DFT_QAM16  | 24.58 | 23.48 | 23.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | DFT_QAM16  | 24.83 | 23.73 | 23.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | DFT_QAM16  | 24.61 | 23.51 | 23.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | DFT_QAM64  | 23.18 | 22.08 | 22.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | DFT_QAM64  | 23.20 | 22.1  | 22.29 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | DFT_QAM64  | 23.19 | 22.09 | 22.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | DFT_QAM256 | 21.08 | 19.98 | 20.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | DFT_QAM256 | 21.21 | 20.11 | 20.3  | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | DFT_QAM256 | 21.24 | 20.14 | 20.33 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | CP_QPSK    | 24.05 | 22.95 | 23.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | CP_QPSK    | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | CP_QPSK    | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | CP_QAM16   | 23.44 | 22.34 | 22.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | CP_QAM16   | 23.60 | 22.5  | 22.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | CP_QAM16   | 23.58 | 22.48 | 22.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | CP_QAM64   | 22.00 | 20.9  | 21.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | CP_QAM64   | 21.76 | 20.66 | 20.85 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | CP_QAM64   | 21.77 | 20.67 | 20.86 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 12@6 | CP_QAM256  | 19.12 | 18.02 | 18.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@1  | CP_QAM256  | 19.33 | 18.23 | 18.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 10 | 646332 | 1@22 | CP_QAM256  | 18.72 | 17.62 | 17.81 | 33.01 | PASS |

|                |    |    |        |      |            |       |       |       |       |      |
|----------------|----|----|--------|------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 15 | 637168 | 18@9 | DFT_BPSK   | 26.12 | 25.02 | 25.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | DFT_BPSK   | 25.92 | 24.82 | 25.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | DFT_BPSK   | 26.01 | 24.91 | 25.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 18@9 | DFT_QPSK   | 26.12 | 25.02 | 25.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | DFT_QPSK   | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | DFT_QPSK   | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 18@9 | DFT_QAM16  | 25.03 | 23.93 | 24.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | DFT_QAM16  | 25.17 | 24.07 | 24.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | DFT_QAM16  | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 18@9 | DFT_QAM64  | 23.56 | 22.46 | 22.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | DFT_QAM64  | 23.62 | 22.52 | 22.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | DFT_QAM64  | 23.70 | 22.6  | 22.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 18@9 | DFT_QAM256 | 21.58 | 20.48 | 20.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | DFT_QAM256 | 21.60 | 20.5  | 20.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | DFT_QAM256 | 21.74 | 20.64 | 20.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 19@9 | CP_QPSK    | 24.57 | 23.47 | 23.66 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | CP_QPSK    | 24.14 | 23.04 | 23.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | CP_QPSK    | 24.39 | 23.29 | 23.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 19@9 | CP_QAM16   | 24.10 | 23    | 23.19 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | CP_QAM16   | 23.98 | 22.88 | 23.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | CP_QAM16   | 24.15 | 23.05 | 23.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 19@9 | CP_QAM64   | 22.72 | 21.62 | 21.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | CP_QAM64   | 22.09 | 20.99 | 21.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | CP_QAM64   | 22.26 | 21.16 | 21.35 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 19@9 | CP_QAM256  | 19.68 | 18.58 | 18.77 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@1  | CP_QAM256  | 19.09 | 17.99 | 18.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 637168 | 1@36 | CP_QAM256  | 19.96 | 18.86 | 19.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 18@9 | DFT_BPSK   | 25.95 | 24.85 | 25.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1  | DFT_BPSK   | 26.00 | 24.9  | 25.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36 | DFT_BPSK   | 25.74 | 24.64 | 24.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 18@9 | DFT_QPSK   | 25.98 | 24.88 | 25.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1  | DFT_QPSK   | 25.96 | 24.86 | 25.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36 | DFT_QPSK   | 25.67 | 24.57 | 24.76 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 18@9 | DFT_QAM16  | 24.93 | 23.83 | 24.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1  | DFT_QAM16  | 25.05 | 23.95 | 24.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36 | DFT_QAM16  | 24.79 | 23.69 | 23.88 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 18@9 | DFT_QAM64  | 23.41 | 22.31 | 22.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1  | DFT_QAM64  | 23.49 | 22.39 | 22.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36 | DFT_QAM64  | 23.17 | 22.07 | 22.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 18@9 | DFT_QAM256 | 21.49 | 20.39 | 20.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1  | DFT_QAM256 | 21.61 | 20.51 | 20.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36 | DFT_QAM256 | 21.47 | 20.37 | 20.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 19@9 | CP_QPSK    | 24.46 | 23.36 | 23.55 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 15 | 641666 | 1@1   | CP_QPSK    | 24.45 | 23.35 | 23.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36  | CP_QPSK    | 24.21 | 23.11 | 23.3  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 19@9  | CP_QAM16   | 23.88 | 22.78 | 22.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1   | CP_QAM16   | 24.10 | 23    | 23.19 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36  | CP_QAM16   | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 19@9  | CP_QAM64   | 22.63 | 21.53 | 21.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1   | CP_QAM64   | 22.38 | 21.28 | 21.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36  | CP_QAM64   | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 19@9  | CP_QAM256  | 19.40 | 18.3  | 18.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@1   | CP_QAM256  | 19.25 | 18.15 | 18.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 641666 | 1@36  | CP_QAM256  | 19.60 | 18.5  | 18.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 18@9  | DFT_BPSK   | 25.48 | 24.38 | 24.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | DFT_BPSK   | 25.44 | 24.34 | 24.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | DFT_BPSK   | 25.39 | 24.29 | 24.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 18@9  | DFT_QPSK   | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | DFT_QPSK   | 25.30 | 24.2  | 24.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | DFT_QPSK   | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 18@9  | DFT_QAM16  | 24.53 | 23.43 | 23.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | DFT_QAM16  | 24.47 | 23.37 | 23.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | DFT_QAM16  | 24.51 | 23.41 | 23.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 18@9  | DFT_QAM64  | 22.98 | 21.88 | 22.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | DFT_QAM64  | 22.83 | 21.73 | 21.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | DFT_QAM64  | 22.96 | 21.86 | 22.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 18@9  | DFT_QAM256 | 21.03 | 19.93 | 20.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | DFT_QAM256 | 21.03 | 19.93 | 20.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | DFT_QAM256 | 21.11 | 20.01 | 20.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 19@9  | CP_QPSK    | 23.98 | 22.88 | 23.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | CP_QPSK    | 24.00 | 22.9  | 23.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | CP_QPSK    | 23.90 | 22.8  | 22.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 19@9  | CP_QAM16   | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | CP_QAM16   | 23.41 | 22.31 | 22.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | CP_QAM16   | 23.65 | 22.55 | 22.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 19@9  | CP_QAM64   | 22.08 | 20.98 | 21.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | CP_QAM64   | 21.77 | 20.67 | 20.86 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | CP_QAM64   | 22.22 | 21.12 | 21.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 19@9  | CP_QAM256  | 18.95 | 17.85 | 18.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@1   | CP_QAM256  | 19.23 | 18.13 | 18.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 15 | 646166 | 1@36  | CP_QAM256  | 19.34 | 18.24 | 18.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | DFT_BPSK   | 26.14 | 25.04 | 25.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | DFT_BPSK   | 25.74 | 24.64 | 24.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | DFT_BPSK   | 25.86 | 24.76 | 24.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | DFT_QPSK   | 26.14 | 25.04 | 25.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | DFT_QPSK   | 25.63 | 24.53 | 24.72 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | DFT_QPSK   | 25.84 | 24.74 | 24.93 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | DFT_QAM16  | 25.12 | 24.02 | 24.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | DFT_QAM16  | 24.83 | 23.73 | 23.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | DFT_QAM16  | 25.25 | 24.15 | 24.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | DFT_QAM64  | 23.58 | 22.48 | 22.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | DFT_QAM64  | 23.25 | 22.15 | 22.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | DFT_QAM64  | 23.69 | 22.59 | 22.78 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | DFT_QAM256 | 21.60 | 20.5  | 20.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | DFT_QAM256 | 21.41 | 20.31 | 20.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | DFT_QAM256 | 21.53 | 20.43 | 20.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | CP_QPSK    | 24.56 | 23.46 | 23.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | CP_QPSK    | 24.18 | 23.08 | 23.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | CP_QPSK    | 24.33 | 23.23 | 23.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | CP_QAM16   | 24.11 | 23.01 | 23.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | CP_QAM16   | 23.80 | 22.7  | 22.89 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | CP_QAM16   | 24.14 | 23.04 | 23.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | CP_QAM64   | 22.71 | 21.61 | 21.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | CP_QAM64   | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | CP_QAM64   | 22.65 | 21.55 | 21.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 25@12 | CP_QAM256  | 19.56 | 18.46 | 18.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@1   | CP_QAM256  | 19.04 | 17.94 | 18.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 637334 | 1@49  | CP_QAM256  | 19.88 | 18.78 | 18.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | DFT_BPSK   | 25.98 | 24.88 | 25.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | DFT_BPSK   | 25.97 | 24.87 | 25.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | DFT_BPSK   | 25.65 | 24.55 | 24.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | DFT_QPSK   | 26.01 | 24.91 | 25.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | DFT_QPSK   | 25.88 | 24.78 | 24.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | DFT_QPSK   | 25.56 | 24.46 | 24.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | DFT_QAM16  | 25.01 | 23.91 | 24.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | DFT_QAM16  | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | DFT_QAM16  | 24.73 | 23.63 | 23.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | DFT_QAM64  | 23.45 | 22.35 | 22.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | DFT_QAM64  | 23.66 | 22.56 | 22.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | DFT_QAM64  | 23.30 | 22.2  | 22.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | DFT_QAM256 | 21.40 | 20.3  | 20.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | DFT_QAM256 | 21.72 | 20.62 | 20.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | DFT_QAM256 | 21.32 | 20.22 | 20.41 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | CP_QPSK    | 24.38 | 23.28 | 23.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | CP_QPSK    | 24.54 | 23.44 | 23.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | CP_QPSK    | 24.19 | 23.09 | 23.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | CP_QAM16   | 23.95 | 22.85 | 23.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | CP_QAM16   | 23.96 | 22.86 | 23.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | CP_QAM16   | 23.62 | 22.52 | 22.71 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | CP_QAM64   | 22.46 | 21.36 | 21.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | CP_QAM64   | 22.44 | 21.34 | 21.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | CP_QAM64   | 22.33 | 21.23 | 21.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 25@12 | CP_QAM256  | 19.40 | 18.3  | 18.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@1   | CP_QAM256  | 19.17 | 18.07 | 18.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 641666 | 1@49  | CP_QAM256  | 19.55 | 18.45 | 18.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | DFT_BPSK   | 25.42 | 24.32 | 24.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | DFT_BPSK   | 25.23 | 24.13 | 24.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | DFT_BPSK   | 25.35 | 24.25 | 24.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | DFT_QPSK   | 25.43 | 24.33 | 24.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | DFT_QPSK   | 25.09 | 23.99 | 24.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | DFT_QPSK   | 25.22 | 24.12 | 24.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | DFT_QAM16  | 24.45 | 23.35 | 23.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | DFT_QAM16  | 24.35 | 23.25 | 23.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | DFT_QAM16  | 24.41 | 23.31 | 23.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | DFT_QAM64  | 22.93 | 21.83 | 22.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | DFT_QAM64  | 22.91 | 21.81 | 22    | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | DFT_QAM64  | 23.05 | 21.95 | 22.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | DFT_QAM256 | 20.95 | 19.85 | 20.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | DFT_QAM256 | 20.89 | 19.79 | 19.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | DFT_QAM256 | 21.02 | 19.92 | 20.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | CP_QPSK    | 23.94 | 22.84 | 23.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | CP_QPSK    | 23.71 | 22.61 | 22.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | CP_QPSK    | 23.92 | 22.82 | 23.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | CP_QAM16   | 23.43 | 22.33 | 22.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | CP_QAM16   | 23.31 | 22.21 | 22.4  | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | CP_QAM16   | 23.43 | 22.33 | 22.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | CP_QAM64   | 22.04 | 20.94 | 21.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | CP_QAM64   | 21.99 | 20.89 | 21.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | CP_QAM64   | 22.12 | 21.02 | 21.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 25@12 | CP_QAM256  | 18.97 | 17.87 | 18.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@1   | CP_QAM256  | 19.12 | 18.02 | 18.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 20 | 646000 | 1@49  | CP_QAM256  | 19.25 | 18.15 | 18.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 36@18 | DFT_BPSK   | 26.11 | 25.01 | 25.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | DFT_BPSK   | 25.62 | 24.52 | 24.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | DFT_BPSK   | 25.73 | 24.63 | 24.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 36@18 | DFT_QPSK   | 26.11 | 25.01 | 25.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | DFT_QPSK   | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | DFT_QPSK   | 25.62 | 24.52 | 24.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 36@18 | DFT_QAM16  | 25.14 | 24.04 | 24.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | DFT_QAM16  | 24.73 | 23.63 | 23.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | DFT_QAM16  | 24.73 | 23.63 | 23.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 36@18 | DFT_QAM64  | 23.52 | 22.42 | 22.61 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | DFT_QAM64  | 23.15 | 22.05 | 22.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | DFT_QAM64  | 23.42 | 22.32 | 22.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 36@18 | DFT_QAM256 | 21.64 | 20.54 | 20.73 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | DFT_QAM256 | 21.37 | 20.27 | 20.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | DFT_QAM256 | 21.48 | 20.38 | 20.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 39@19 | CP_QPSK    | 24.58 | 23.48 | 23.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | CP_QPSK    | 24.12 | 23.02 | 23.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | CP_QPSK    | 24.12 | 23.02 | 23.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 39@19 | CP_QAM16   | 24.05 | 22.95 | 23.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | CP_QAM16   | 23.73 | 22.63 | 22.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | CP_QAM16   | 23.82 | 22.72 | 22.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 39@19 | CP_QAM64   | 22.53 | 21.43 | 21.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | CP_QAM64   | 22.04 | 20.94 | 21.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | CP_QAM64   | 22.27 | 21.17 | 21.36 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 39@19 | CP_QAM256  | 19.59 | 18.49 | 18.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@1   | CP_QAM256  | 18.85 | 17.75 | 17.94 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 637668 | 1@76  | CP_QAM256  | 19.01 | 17.91 | 18.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 36@18 | DFT_BPSK   | 25.90 | 24.8  | 24.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | DFT_BPSK   | 25.79 | 24.69 | 24.88 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | DFT_BPSK   | 25.40 | 24.3  | 24.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 36@18 | DFT_QPSK   | 25.87 | 24.77 | 24.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | DFT_QPSK   | 25.69 | 24.59 | 24.78 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | DFT_QPSK   | 25.34 | 24.24 | 24.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 36@18 | DFT_QAM16  | 24.94 | 23.84 | 24.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | DFT_QAM16  | 25.18 | 24.08 | 24.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | DFT_QAM16  | 24.75 | 23.65 | 23.84 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 36@18 | DFT_QAM64  | 23.42 | 22.32 | 22.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | DFT_QAM64  | 23.27 | 22.17 | 22.36 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | DFT_QAM64  | 23.05 | 21.95 | 22.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 36@18 | DFT_QAM256 | 21.47 | 20.37 | 20.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | DFT_QAM256 | 21.44 | 20.34 | 20.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | DFT_QAM256 | 21.03 | 19.93 | 20.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 39@19 | CP_QPSK    | 24.31 | 23.21 | 23.4  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | CP_QPSK    | 24.18 | 23.08 | 23.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | CP_QPSK    | 23.81 | 22.71 | 22.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 39@19 | CP_QAM16   | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | CP_QAM16   | 23.99 | 22.89 | 23.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | CP_QAM16   | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 39@19 | CP_QAM64   | 22.43 | 21.33 | 21.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | CP_QAM64   | 22.46 | 21.36 | 21.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | CP_QAM64   | 21.70 | 20.6  | 20.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 39@19 | CP_QAM256  | 19.38 | 18.28 | 18.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 641666 | 1@1   | CP_QAM256  | 19.06 | 17.96 | 18.15 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 30 | 641666 | 1@76  | CP_QAM256  | 18.68 | 17.58 | 17.77 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 36@18 | DFT_BPSK   | 25.35 | 24.25 | 24.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | DFT_BPSK   | 25.09 | 23.99 | 24.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | DFT_BPSK   | 25.13 | 24.03 | 24.22 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 36@18 | DFT_QPSK   | 25.39 | 24.29 | 24.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | DFT_QPSK   | 24.93 | 23.83 | 24.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | DFT_QPSK   | 25.19 | 24.09 | 24.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 36@18 | DFT_QAM16  | 24.41 | 23.31 | 23.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | DFT_QAM16  | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | DFT_QAM16  | 24.34 | 23.24 | 23.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 36@18 | DFT_QAM64  | 22.86 | 21.76 | 21.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | DFT_QAM64  | 22.82 | 21.72 | 21.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | DFT_QAM64  | 22.65 | 21.55 | 21.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 36@18 | DFT_QAM256 | 20.93 | 19.83 | 20.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | DFT_QAM256 | 20.75 | 19.65 | 19.84 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | DFT_QAM256 | 21.08 | 19.98 | 20.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 39@19 | CP_QPSK    | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | CP_QPSK    | 23.65 | 22.55 | 22.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | CP_QPSK    | 23.82 | 22.72 | 22.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 39@19 | CP_QAM16   | 23.38 | 22.28 | 22.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | CP_QAM16   | 23.35 | 22.25 | 22.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | CP_QAM16   | 23.33 | 22.23 | 22.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 39@19 | CP_QAM64   | 21.81 | 20.71 | 20.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | CP_QAM64   | 21.84 | 20.74 | 20.93 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | CP_QAM64   | 21.95 | 20.85 | 21.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 39@19 | CP_QAM256  | 18.81 | 17.71 | 17.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@1   | CP_QAM256  | 18.30 | 17.2  | 17.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 30 | 645666 | 1@76  | CP_QAM256  | 18.97 | 17.87 | 18.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 50@25 | DFT_BPSK   | 26.06 | 24.96 | 25.15 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | DFT_BPSK   | 25.44 | 24.34 | 24.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | DFT_BPSK   | 25.71 | 24.61 | 24.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 50@25 | DFT_QPSK   | 26.00 | 24.9  | 25.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | DFT_QPSK   | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | DFT_QPSK   | 25.48 | 24.38 | 24.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 50@25 | DFT_QAM16  | 25.04 | 23.94 | 24.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | DFT_QAM16  | 24.83 | 23.73 | 23.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | DFT_QAM16  | 24.83 | 23.73 | 23.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 50@25 | DFT_QAM64  | 23.58 | 22.48 | 22.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | DFT_QAM64  | 22.93 | 21.83 | 22.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | DFT_QAM64  | 23.42 | 22.32 | 22.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 50@25 | DFT_QAM256 | 21.60 | 20.5  | 20.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | DFT_QAM256 | 21.33 | 20.23 | 20.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | DFT_QAM256 | 21.32 | 20.22 | 20.41 | 33.01 | PASS |



|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 40 | 638000 | 53@26 | CP_QPSK    | 24.51 | 23.41 | 23.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | CP_QPSK    | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | CP_QPSK    | 24.14 | 23.04 | 23.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 53@26 | CP_QAM16   | 24.04 | 22.94 | 23.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | CP_QAM16   | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | CP_QAM16   | 23.93 | 22.83 | 23.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 53@26 | CP_QAM64   | 22.54 | 21.44 | 21.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | CP_QAM64   | 21.90 | 20.8  | 20.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | CP_QAM64   | 22.21 | 21.11 | 21.3  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 53@26 | CP_QAM256  | 19.47 | 18.37 | 18.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@1   | CP_QAM256  | 19.31 | 18.21 | 18.4  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 638000 | 1@104 | CP_QAM256  | 19.61 | 18.51 | 18.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 50@25 | DFT_BPSK   | 25.87 | 24.77 | 24.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | DFT_BPSK   | 25.60 | 24.5  | 24.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | DFT_BPSK   | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 50@25 | DFT_QPSK   | 25.88 | 24.78 | 24.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | DFT_QPSK   | 25.53 | 24.43 | 24.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | DFT_QPSK   | 25.00 | 23.9  | 24.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 50@25 | DFT_QAM16  | 24.89 | 23.79 | 23.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | DFT_QAM16  | 24.73 | 23.63 | 23.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | DFT_QAM16  | 24.52 | 23.42 | 23.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 50@25 | DFT_QAM64  | 23.43 | 22.33 | 22.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | DFT_QAM64  | 23.37 | 22.27 | 22.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | DFT_QAM64  | 22.62 | 21.52 | 21.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 50@25 | DFT_QAM256 | 21.48 | 20.38 | 20.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | DFT_QAM256 | 21.35 | 20.25 | 20.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | DFT_QAM256 | 20.90 | 19.8  | 19.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 53@26 | CP_QPSK    | 24.41 | 23.31 | 23.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | CP_QPSK    | 24.19 | 23.09 | 23.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | CP_QPSK    | 23.61 | 22.51 | 22.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 53@26 | CP_QAM16   | 23.74 | 22.64 | 22.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | CP_QAM16   | 23.67 | 22.57 | 22.76 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | CP_QAM16   | 23.13 | 22.03 | 22.22 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 53@26 | CP_QAM64   | 22.41 | 21.31 | 21.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | CP_QAM64   | 22.14 | 21.04 | 21.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | CP_QAM64   | 21.91 | 20.81 | 21    | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 53@26 | CP_QAM256  | 19.30 | 18.2  | 18.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@1   | CP_QAM256  | 19.61 | 18.51 | 18.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 641666 | 1@104 | CP_QAM256  | 19.08 | 17.98 | 18.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 50@25 | DFT_BPSK   | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | DFT_BPSK   | 24.92 | 23.82 | 24.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | DFT_BPSK   | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 50@25 | DFT_QPSK   | 25.33 | 24.23 | 24.42 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | DFT_QPSK   | 24.83 | 23.73 | 23.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | DFT_QPSK   | 24.90 | 23.8  | 23.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 50@25 | DFT_QAM16  | 24.36 | 23.26 | 23.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | DFT_QAM16  | 24.39 | 23.29 | 23.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | DFT_QAM16  | 24.40 | 23.3  | 23.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 50@25 | DFT_QAM64  | 22.88 | 21.78 | 21.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | DFT_QAM64  | 22.51 | 21.41 | 21.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | DFT_QAM64  | 22.69 | 21.59 | 21.78 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 50@25 | DFT_QAM256 | 20.88 | 19.78 | 19.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | DFT_QAM256 | 20.74 | 19.64 | 19.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | DFT_QAM256 | 20.77 | 19.67 | 19.86 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 53@26 | CP_QPSK    | 23.81 | 22.71 | 22.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | CP_QPSK    | 23.41 | 22.31 | 22.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | CP_QPSK    | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 53@26 | CP_QAM16   | 23.23 | 22.13 | 22.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | CP_QAM16   | 23.11 | 22.01 | 22.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | CP_QAM16   | 23.08 | 21.98 | 22.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 53@26 | CP_QAM64   | 21.86 | 20.76 | 20.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | CP_QAM64   | 21.49 | 20.39 | 20.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | CP_QAM64   | 21.51 | 20.41 | 20.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 53@26 | CP_QAM256  | 18.81 | 17.71 | 17.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@1   | CP_QAM256  | 18.22 | 17.12 | 17.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 40 | 645332 | 1@104 | CP_QAM256  | 19.03 | 17.93 | 18.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 64@32 | DFT_BPSK   | 26.11 | 25.01 | 25.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | DFT_BPSK   | 25.82 | 24.72 | 24.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | DFT_BPSK   | 26.03 | 24.93 | 25.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 64@32 | DFT_QPSK   | 26.01 | 24.91 | 25.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | DFT_QPSK   | 25.56 | 24.46 | 24.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | DFT_QPSK   | 25.81 | 24.71 | 24.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 64@32 | DFT_QAM16  | 25.02 | 23.92 | 24.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | DFT_QAM16  | 24.75 | 23.65 | 23.84 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | DFT_QAM16  | 25.04 | 23.94 | 24.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 64@32 | DFT_QAM64  | 23.60 | 22.5  | 22.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | DFT_QAM64  | 23.32 | 22.22 | 22.41 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | DFT_QAM64  | 23.70 | 22.6  | 22.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 64@32 | DFT_QAM256 | 21.60 | 20.5  | 20.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | DFT_QAM256 | 21.49 | 20.39 | 20.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | DFT_QAM256 | 21.71 | 20.61 | 20.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 67@33 | CP_QPSK    | 24.46 | 23.36 | 23.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | CP_QPSK    | 24.26 | 23.16 | 23.35 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | CP_QPSK    | 24.34 | 23.24 | 23.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 67@33 | CP_QAM16   | 24.02 | 22.92 | 23.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | CP_QAM16   | 23.84 | 22.74 | 22.93 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | CP_QAM16   | 24.17 | 23.07 | 23.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 67@33 | CP_QAM64   | 22.59 | 21.49 | 21.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | CP_QAM64   | 22.16 | 21.06 | 21.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | CP_QAM64   | 22.45 | 21.35 | 21.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 67@33 | CP_QAM256  | 19.54 | 18.44 | 18.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@1   | CP_QAM256  | 19.67 | 18.57 | 18.76 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 638334 | 1@131 | CP_QAM256  | 19.89 | 18.79 | 18.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 64@32 | DFT_BPSK   | 25.93 | 24.83 | 25.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | DFT_BPSK   | 25.99 | 24.89 | 25.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | DFT_BPSK   | 25.30 | 24.2  | 24.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 64@32 | DFT_QPSK   | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | DFT_QPSK   | 25.94 | 24.84 | 25.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | DFT_QPSK   | 25.30 | 24.2  | 24.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 64@32 | DFT_QAM16  | 24.93 | 23.83 | 24.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | DFT_QAM16  | 24.90 | 23.8  | 23.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | DFT_QAM16  | 24.38 | 23.28 | 23.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 64@32 | DFT_QAM64  | 23.37 | 22.27 | 22.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | DFT_QAM64  | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | DFT_QAM64  | 22.91 | 21.81 | 22    | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 64@32 | DFT_QAM256 | 21.42 | 20.32 | 20.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | DFT_QAM256 | 21.58 | 20.48 | 20.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | DFT_QAM256 | 21.00 | 19.9  | 20.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 67@33 | CP_QPSK    | 24.38 | 23.28 | 23.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | CP_QPSK    | 24.52 | 23.42 | 23.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | CP_QPSK    | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 67@33 | CP_QAM16   | 23.91 | 22.81 | 23    | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | CP_QAM16   | 24.11 | 23.01 | 23.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | CP_QAM16   | 23.40 | 22.3  | 22.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 67@33 | CP_QAM64   | 22.45 | 21.35 | 21.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | CP_QAM64   | 22.16 | 21.06 | 21.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | CP_QAM64   | 22.05 | 20.95 | 21.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 67@33 | CP_QAM256  | 19.43 | 18.33 | 18.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@1   | CP_QAM256  | 19.17 | 18.07 | 18.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 641666 | 1@131 | CP_QAM256  | 19.24 | 18.14 | 18.33 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 64@32 | DFT_BPSK   | 25.40 | 24.3  | 24.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | DFT_BPSK   | 25.32 | 24.22 | 24.41 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | DFT_BPSK   | 25.28 | 24.18 | 24.37 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 64@32 | DFT_QPSK   | 25.44 | 24.34 | 24.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | DFT_QPSK   | 25.11 | 24.01 | 24.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | DFT_QPSK   | 25.27 | 24.17 | 24.36 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 64@32 | DFT_QAM16  | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | DFT_QAM16  | 24.71 | 23.61 | 23.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | DFT_QAM16  | 24.24 | 23.14 | 23.33 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 50 | 645000 | 64@32 | DFT_QAM64  | 22.87 | 21.77 | 21.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | DFT_QAM64  | 22.78 | 21.68 | 21.87 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | DFT_QAM64  | 22.97 | 21.87 | 22.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 64@32 | DFT_QAM256 | 20.91 | 19.81 | 20    | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | DFT_QAM256 | 20.92 | 19.82 | 20.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | DFT_QAM256 | 21.00 | 19.9  | 20.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 67@33 | CP_QPSK    | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | CP_QPSK    | 23.63 | 22.53 | 22.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | CP_QPSK    | 23.64 | 22.54 | 22.73 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 67@33 | CP_QAM16   | 23.27 | 22.17 | 22.36 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | CP_QAM16   | 23.50 | 22.4  | 22.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | CP_QAM16   | 23.40 | 22.3  | 22.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 67@33 | CP_QAM64   | 21.82 | 20.72 | 20.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | CP_QAM64   | 21.97 | 20.87 | 21.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | CP_QAM64   | 22.04 | 20.94 | 21.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 67@33 | CP_QAM256  | 18.85 | 17.75 | 17.94 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@1   | CP_QAM256  | 18.45 | 17.35 | 17.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 50 | 645000 | 1@131 | CP_QAM256  | 19.19 | 18.09 | 18.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | DFT_BPSK   | 26.09 | 24.99 | 25.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | DFT_BPSK   | 25.51 | 24.41 | 24.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | DFT_BPSK   | 25.83 | 24.73 | 24.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | DFT_QPSK   | 26.04 | 24.94 | 25.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | DFT_QPSK   | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | DFT_QPSK   | 25.72 | 24.62 | 24.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | DFT_QAM16  | 25.05 | 23.95 | 24.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | DFT_QAM16  | 24.49 | 23.39 | 23.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | DFT_QAM16  | 25.14 | 24.04 | 24.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | DFT_QAM64  | 23.57 | 22.47 | 22.66 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | DFT_QAM64  | 23.18 | 22.08 | 22.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | DFT_QAM64  | 23.33 | 22.23 | 22.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | DFT_QAM256 | 21.60 | 20.5  | 20.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | DFT_QAM256 | 21.15 | 20.05 | 20.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | DFT_QAM256 | 21.48 | 20.38 | 20.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | CP_QPSK    | 24.59 | 23.49 | 23.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | CP_QPSK    | 23.77 | 22.67 | 22.86 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | CP_QPSK    | 24.04 | 22.94 | 23.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | CP_QAM16   | 24.01 | 22.91 | 23.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | CP_QAM16   | 23.54 | 22.44 | 22.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | CP_QAM16   | 23.84 | 22.74 | 22.93 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | CP_QAM64   | 22.52 | 21.42 | 21.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | CP_QAM64   | 22.15 | 21.05 | 21.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | CP_QAM64   | 21.96 | 20.86 | 21.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 81@40 | CP_QAM256  | 19.58 | 18.48 | 18.67 | 33.01 | PASS |

|                |    |    |        |       |            |       |       |       |       |      |
|----------------|----|----|--------|-------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 60 | 638668 | 1@1   | CP_QAM256  | 19.37 | 18.27 | 18.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 638668 | 1@160 | CP_QAM256  | 19.55 | 18.45 | 18.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | DFT_BPSK   | 25.91 | 24.81 | 25    | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | DFT_BPSK   | 25.64 | 24.54 | 24.73 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | DFT_BPSK   | 25.14 | 24.04 | 24.23 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | DFT_QPSK   | 25.86 | 24.76 | 24.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | DFT_QPSK   | 25.55 | 24.45 | 24.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | DFT_QPSK   | 25.13 | 24.03 | 24.22 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | DFT_QAM16  | 24.98 | 23.88 | 24.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | DFT_QAM16  | 25.03 | 23.93 | 24.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | DFT_QAM16  | 24.56 | 23.46 | 23.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | DFT_QAM64  | 23.35 | 22.25 | 22.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | DFT_QAM64  | 23.41 | 22.31 | 22.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | DFT_QAM64  | 22.54 | 21.44 | 21.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | DFT_QAM256 | 21.42 | 20.32 | 20.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | DFT_QAM256 | 21.38 | 20.28 | 20.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | DFT_QAM256 | 20.82 | 19.72 | 19.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | CP_QPSK    | 24.34 | 23.24 | 23.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | CP_QPSK    | 24.25 | 23.15 | 23.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | CP_QPSK    | 23.70 | 22.6  | 22.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | CP_QAM16   | 23.89 | 22.79 | 22.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | CP_QAM16   | 23.87 | 22.77 | 22.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | CP_QAM16   | 23.21 | 22.11 | 22.3  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | CP_QAM64   | 22.31 | 21.21 | 21.4  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | CP_QAM64   | 22.39 | 21.29 | 21.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | CP_QAM64   | 21.90 | 20.8  | 20.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 81@40 | CP_QAM256  | 19.38 | 18.28 | 18.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@1   | CP_QAM256  | 19.50 | 18.4  | 18.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 641666 | 1@160 | CP_QAM256  | 18.41 | 17.31 | 17.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40 | DFT_BPSK   | 25.41 | 24.31 | 24.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1   | DFT_BPSK   | 25.07 | 23.97 | 24.16 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160 | DFT_BPSK   | 25.00 | 23.9  | 24.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40 | DFT_QPSK   | 25.43 | 24.33 | 24.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1   | DFT_QPSK   | 25.13 | 24.03 | 24.22 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160 | DFT_QPSK   | 24.95 | 23.85 | 24.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40 | DFT_QAM16  | 24.46 | 23.36 | 23.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1   | DFT_QAM16  | 24.38 | 23.28 | 23.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160 | DFT_QAM16  | 24.50 | 23.4  | 23.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40 | DFT_QAM64  | 22.89 | 21.79 | 21.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1   | DFT_QAM64  | 22.49 | 21.39 | 21.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160 | DFT_QAM64  | 22.47 | 21.37 | 21.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40 | DFT_QAM256 | 20.93 | 19.83 | 20.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1   | DFT_QAM256 | 20.70 | 19.6  | 19.79 | 33.01 | PASS |

|                |    |    |        |        |            |       |       |       |       |      |
|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 60 | 644666 | 1@160  | DFT_QAM256 | 20.72 | 19.62 | 19.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40  | CP_QPSK    | 23.90 | 22.8  | 22.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1    | CP_QPSK    | 23.56 | 22.46 | 22.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160  | CP_QPSK    | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40  | CP_QAM16   | 23.37 | 22.27 | 22.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1    | CP_QAM16   | 23.33 | 22.23 | 22.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160  | CP_QAM16   | 23.17 | 22.07 | 22.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40  | CP_QAM64   | 21.91 | 20.81 | 21    | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1    | CP_QAM64   | 21.45 | 20.35 | 20.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160  | CP_QAM64   | 21.36 | 20.26 | 20.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 81@40  | CP_QAM256  | 18.97 | 17.87 | 18.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@1    | CP_QAM256  | 18.95 | 17.85 | 18.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 60 | 644666 | 1@160  | CP_QAM256  | 18.82 | 17.72 | 17.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 108@54 | DFT_BPSK   | 26.17 | 25.07 | 25.26 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | DFT_BPSK   | 25.39 | 24.29 | 24.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | DFT_BPSK   | 25.37 | 24.27 | 24.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 108@54 | DFT_QPSK   | 26.22 | 25.12 | 25.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | DFT_QPSK   | 25.25 | 24.15 | 24.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | DFT_QPSK   | 25.36 | 24.26 | 24.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 108@54 | DFT_QAM16  | 25.16 | 24.06 | 24.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | DFT_QAM16  | 24.50 | 23.4  | 23.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | DFT_QAM16  | 24.56 | 23.46 | 23.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 108@54 | DFT_QAM64  | 23.72 | 22.62 | 22.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | DFT_QAM64  | 22.86 | 21.76 | 21.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | DFT_QAM64  | 22.87 | 21.77 | 21.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 108@54 | DFT_QAM256 | 21.66 | 20.56 | 20.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | DFT_QAM256 | 21.05 | 19.95 | 20.14 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | DFT_QAM256 | 21.10 | 20    | 20.19 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 109@54 | CP_QPSK    | 24.63 | 23.53 | 23.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | CP_QPSK    | 23.86 | 22.76 | 22.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | CP_QPSK    | 23.79 | 22.69 | 22.88 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 109@54 | CP_QAM16   | 24.16 | 23.06 | 23.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | CP_QAM16   | 23.62 | 22.52 | 22.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | CP_QAM16   | 23.56 | 22.46 | 22.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 109@54 | CP_QAM64   | 22.65 | 21.55 | 21.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | CP_QAM64   | 21.61 | 20.51 | 20.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | CP_QAM64   | 21.72 | 20.62 | 20.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 109@54 | CP_QAM256  | 19.66 | 18.56 | 18.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@1    | CP_QAM256  | 19.15 | 18.05 | 18.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 639334 | 1@215  | CP_QAM256  | 19.25 | 18.15 | 18.34 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 108@54 | DFT_BPSK   | 26.04 | 24.94 | 25.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | DFT_BPSK   | 25.46 | 24.36 | 24.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | DFT_BPSK   | 25.04 | 23.94 | 24.13 | 33.01 | PASS |

|                |    |    |        |        |            |       |       |       |       |      |
|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 80 | 641666 | 108@54 | DFT_QPSK   | 25.99 | 24.89 | 25.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | DFT_QPSK   | 25.35 | 24.25 | 24.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | DFT_QPSK   | 24.90 | 23.8  | 23.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 108@54 | DFT_QAM16  | 25.00 | 23.9  | 24.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | DFT_QAM16  | 24.60 | 23.5  | 23.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | DFT_QAM16  | 24.39 | 23.29 | 23.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 108@54 | DFT_QAM64  | 23.52 | 22.42 | 22.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | DFT_QAM64  | 23.24 | 22.14 | 22.33 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | DFT_QAM64  | 22.71 | 21.61 | 21.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 108@54 | DFT_QAM256 | 21.54 | 20.44 | 20.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | DFT_QAM256 | 21.12 | 20.02 | 20.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | DFT_QAM256 | 20.87 | 19.77 | 19.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 109@54 | CP_QPSK    | 24.47 | 23.37 | 23.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | CP_QPSK    | 24.16 | 23.06 | 23.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | CP_QPSK    | 23.66 | 22.56 | 22.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 109@54 | CP_QAM16   | 23.99 | 22.89 | 23.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | CP_QAM16   | 23.86 | 22.76 | 22.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | CP_QAM16   | 23.26 | 22.16 | 22.35 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 109@54 | CP_QAM64   | 22.50 | 21.4  | 21.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | CP_QAM64   | 22.10 | 21    | 21.19 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | CP_QAM64   | 21.72 | 20.62 | 20.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 109@54 | CP_QAM256  | 19.47 | 18.37 | 18.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@1    | CP_QAM256  | 19.35 | 18.25 | 18.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 641666 | 1@215  | CP_QAM256  | 18.85 | 17.75 | 17.94 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 108@54 | DFT_BPSK   | 25.55 | 24.45 | 24.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | DFT_BPSK   | 25.37 | 24.27 | 24.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | DFT_BPSK   | 24.90 | 23.8  | 23.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 108@54 | DFT_QPSK   | 25.52 | 24.42 | 24.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | DFT_QPSK   | 25.27 | 24.17 | 24.36 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | DFT_QPSK   | 24.86 | 23.76 | 23.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 108@54 | DFT_QAM16  | 24.53 | 23.43 | 23.62 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | DFT_QAM16  | 24.52 | 23.42 | 23.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | DFT_QAM16  | 23.99 | 22.89 | 23.08 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 108@54 | DFT_QAM64  | 22.96 | 21.86 | 22.05 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | DFT_QAM64  | 22.91 | 21.81 | 22    | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | DFT_QAM64  | 22.51 | 21.41 | 21.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 108@54 | DFT_QAM256 | 20.97 | 19.87 | 20.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | DFT_QAM256 | 21.12 | 20.02 | 20.21 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | DFT_QAM256 | 20.68 | 19.58 | 19.77 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 109@54 | CP_QPSK    | 23.94 | 22.84 | 23.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | CP_QPSK    | 23.90 | 22.8  | 22.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | CP_QPSK    | 23.39 | 22.29 | 22.48 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 109@54 | CP_QAM16   | 23.50 | 22.4  | 22.59 | 33.01 | PASS |

|                |    |    |        |        |            |       |       |       |       |      |
|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | CP_QAM16   | 23.55 | 22.45 | 22.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | CP_QAM16   | 22.97 | 21.87 | 22.06 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 109@54 | CP_QAM64   | 21.94 | 20.84 | 21.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | CP_QAM64   | 21.69 | 20.59 | 20.78 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | CP_QAM64   | 21.19 | 20.09 | 20.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 109@54 | CP_QAM256  | 19.02 | 17.92 | 18.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@1    | CP_QAM256  | 19.30 | 18.2  | 18.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 80 | 644000 | 1@215  | CP_QAM256  | 18.76 | 17.66 | 17.85 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 120@60 | DFT_BPSK   | 26.19 | 25.09 | 25.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | DFT_BPSK   | 25.23 | 24.13 | 24.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | DFT_BPSK   | 25.06 | 23.96 | 24.15 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 120@60 | DFT_QPSK   | 26.19 | 25.09 | 25.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | DFT_QPSK   | 25.19 | 24.09 | 24.28 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | DFT_QPSK   | 24.92 | 23.82 | 24.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 120@60 | DFT_QAM16  | 25.16 | 24.06 | 24.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | DFT_QAM16  | 24.36 | 23.26 | 23.45 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | DFT_QAM16  | 24.18 | 23.08 | 23.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 120@60 | DFT_QAM64  | 23.72 | 22.62 | 22.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | DFT_QAM64  | 22.56 | 21.46 | 21.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | DFT_QAM64  | 22.51 | 21.41 | 21.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 120@60 | DFT_QAM256 | 21.66 | 20.56 | 20.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | DFT_QAM256 | 21.04 | 19.94 | 20.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | DFT_QAM256 | 20.86 | 19.76 | 19.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 123@61 | CP_QPSK    | 24.66 | 23.56 | 23.75 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | CP_QPSK    | 23.74 | 22.64 | 22.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | CP_QPSK    | 23.56 | 22.46 | 22.65 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 123@61 | CP_QAM16   | 24.15 | 23.05 | 23.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | CP_QAM16   | 23.45 | 22.35 | 22.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | CP_QAM16   | 23.30 | 22.2  | 22.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 123@61 | CP_QAM64   | 22.63 | 21.53 | 21.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | CP_QAM64   | 21.62 | 20.52 | 20.71 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | CP_QAM64   | 21.47 | 20.37 | 20.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 123@61 | CP_QAM256  | 19.65 | 18.55 | 18.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@1    | CP_QAM256  | 18.93 | 17.83 | 18.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 639668 | 1@243  | CP_QAM256  | 18.80 | 17.7  | 17.89 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 120@60 | DFT_BPSK   | 25.92 | 24.82 | 25.01 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | DFT_BPSK   | 25.23 | 24.13 | 24.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | DFT_BPSK   | 24.81 | 23.71 | 23.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 120@60 | DFT_QPSK   | 25.95 | 24.85 | 25.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | DFT_QPSK   | 25.20 | 24.1  | 24.29 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | DFT_QPSK   | 24.74 | 23.64 | 23.83 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 120@60 | DFT_QAM16  | 24.95 | 23.85 | 24.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | DFT_QAM16  | 24.34 | 23.24 | 23.43 | 33.01 | PASS |



|                |    |    |        |        |            |       |       |       |       |      |
|----------------|----|----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | DFT_QAM16  | 23.90 | 22.8  | 22.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 120@60 | DFT_QAM64  | 23.52 | 22.42 | 22.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | DFT_QAM64  | 22.85 | 21.75 | 21.94 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | DFT_QAM64  | 22.38 | 21.28 | 21.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 120@60 | DFT_QAM256 | 21.44 | 20.34 | 20.53 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | DFT_QAM256 | 20.95 | 19.85 | 20.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | DFT_QAM256 | 20.60 | 19.5  | 19.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 123@61 | CP_QPSK    | 24.41 | 23.31 | 23.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | CP_QPSK    | 23.71 | 22.61 | 22.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | CP_QPSK    | 23.26 | 22.16 | 22.35 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 123@61 | CP_QAM16   | 23.91 | 22.81 | 23    | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | CP_QAM16   | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | CP_QAM16   | 22.94 | 21.84 | 22.03 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 123@61 | CP_QAM64   | 22.37 | 21.27 | 21.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | CP_QAM64   | 21.59 | 20.49 | 20.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | CP_QAM64   | 21.07 | 19.97 | 20.16 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 123@61 | CP_QAM256  | 19.41 | 18.31 | 18.5  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@1    | CP_QAM256  | 19.15 | 18.05 | 18.24 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 641666 | 1@243  | CP_QAM256  | 18.81 | 17.71 | 17.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 120@60 | DFT_BPSK   | 25.59 | 24.49 | 24.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | DFT_BPSK   | 25.24 | 24.14 | 24.33 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | DFT_BPSK   | 24.81 | 23.71 | 23.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 120@60 | DFT_QPSK   | 25.50 | 24.4  | 24.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | DFT_QPSK   | 25.20 | 24.1  | 24.29 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | DFT_QPSK   | 24.70 | 23.6  | 23.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 120@60 | DFT_QAM16  | 24.45 | 23.35 | 23.54 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | DFT_QAM16  | 24.43 | 23.33 | 23.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | DFT_QAM16  | 23.88 | 22.78 | 22.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 120@60 | DFT_QAM64  | 23.08 | 21.98 | 22.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | DFT_QAM64  | 22.80 | 21.7  | 21.89 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | DFT_QAM64  | 22.33 | 21.23 | 21.42 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 120@60 | DFT_QAM256 | 21.00 | 19.9  | 20.09 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | DFT_QAM256 | 21.02 | 19.92 | 20.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | DFT_QAM256 | 20.48 | 19.38 | 19.57 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 123@61 | CP_QPSK    | 23.95 | 22.85 | 23.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | CP_QPSK    | 23.71 | 22.61 | 22.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | CP_QPSK    | 23.18 | 22.08 | 22.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 123@61 | CP_QAM16   | 23.54 | 22.44 | 22.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | CP_QAM16   | 23.38 | 22.28 | 22.47 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | CP_QAM16   | 23.03 | 21.93 | 22.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 123@61 | CP_QAM64   | 22.03 | 20.93 | 21.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@1    | CP_QAM64   | 21.54 | 20.44 | 20.63 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90 | 643666 | 1@243  | CP_QAM64   | 21.11 | 20.01 | 20.2  | 33.01 | PASS |

|                |    |     |        |        |            |       |       |       |       |      |
|----------------|----|-----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 90  | 643666 | 123@61 | CP_QAM256  | 19.01 | 17.91 | 18.1  | 33.01 | PASS |
| n77(3550-3700) | 30 | 90  | 643666 | 1@1    | CP_QAM256  | 19.23 | 18.13 | 18.32 | 33.01 | PASS |
| n77(3550-3700) | 30 | 90  | 643666 | 1@243  | CP_QAM256  | 18.70 | 17.6  | 17.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 135@67 | DFT_BPSK   | 26.11 | 25.01 | 25.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | DFT_BPSK   | 25.03 | 23.93 | 24.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | DFT_BPSK   | 24.73 | 23.63 | 23.82 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 135@67 | DFT_QPSK   | 26.10 | 25    | 25.19 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | DFT_QPSK   | 24.90 | 23.8  | 23.99 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | DFT_QPSK   | 24.63 | 23.53 | 23.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 135@67 | DFT_QAM16  | 25.07 | 23.97 | 24.16 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | DFT_QAM16  | 24.04 | 22.94 | 23.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | DFT_QAM16  | 23.72 | 22.62 | 22.81 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 135@67 | DFT_QAM64  | 23.59 | 22.49 | 22.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | DFT_QAM64  | 22.50 | 21.4  | 21.59 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | DFT_QAM64  | 22.22 | 21.12 | 21.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 135@67 | DFT_QAM256 | 21.57 | 20.47 | 20.66 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | DFT_QAM256 | 20.71 | 19.61 | 19.8  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | DFT_QAM256 | 20.42 | 19.32 | 19.51 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 137@68 | CP_QPSK    | 24.52 | 23.42 | 23.61 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | CP_QPSK    | 23.35 | 22.25 | 22.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | CP_QPSK    | 22.98 | 21.88 | 22.07 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 137@68 | CP_QAM16   | 24.06 | 22.96 | 23.15 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | CP_QAM16   | 23.08 | 21.98 | 22.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | CP_QAM16   | 22.81 | 21.71 | 21.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 137@68 | CP_QAM64   | 22.58 | 21.48 | 21.67 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | CP_QAM64   | 21.24 | 20.14 | 20.33 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | CP_QAM64   | 20.88 | 19.78 | 19.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 137@68 | CP_QAM256  | 19.65 | 18.55 | 18.74 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@1    | CP_QAM256  | 18.83 | 17.73 | 17.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 640000 | 1@271  | CP_QAM256  | 18.57 | 17.47 | 17.66 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 135@67 | DFT_BPSK   | 25.95 | 24.85 | 25.04 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | DFT_BPSK   | 25.09 | 23.99 | 24.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | DFT_BPSK   | 24.70 | 23.6  | 23.79 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 135@67 | DFT_QPSK   | 25.88 | 24.78 | 24.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | DFT_QPSK   | 25.08 | 23.98 | 24.17 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | DFT_QPSK   | 24.59 | 23.49 | 23.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 135@67 | DFT_QAM16  | 24.86 | 23.76 | 23.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | DFT_QAM16  | 24.07 | 22.97 | 23.16 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | DFT_QAM16  | 23.63 | 22.53 | 22.72 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 135@67 | DFT_QAM64  | 23.47 | 22.37 | 22.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | DFT_QAM64  | 22.55 | 21.45 | 21.64 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | DFT_QAM64  | 22.16 | 21.06 | 21.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 135@67 | DFT_QAM256 | 21.41 | 20.31 | 20.5  | 33.01 | PASS |

|                |    |     |        |        |            |       |       |       |       |      |
|----------------|----|-----|--------|--------|------------|-------|-------|-------|-------|------|
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | DFT_QAM256 | 20.78 | 19.68 | 19.87 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | DFT_QAM256 | 20.32 | 19.22 | 19.41 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 137@68 | CP_QPSK    | 24.30 | 23.2  | 23.39 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | CP_QPSK    | 23.37 | 22.27 | 22.46 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | CP_QPSK    | 22.93 | 21.83 | 22.02 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 137@68 | CP_QAM16   | 23.88 | 22.78 | 22.97 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | CP_QAM16   | 23.35 | 22.25 | 22.44 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | CP_QAM16   | 22.82 | 21.72 | 21.91 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 137@68 | CP_QAM64   | 22.40 | 21.3  | 21.49 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | CP_QAM64   | 21.29 | 20.19 | 20.38 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | CP_QAM64   | 20.81 | 19.71 | 19.9  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 137@68 | CP_QAM256  | 19.34 | 18.24 | 18.43 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@1    | CP_QAM256  | 18.86 | 17.76 | 17.95 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 641666 | 1@271  | CP_QAM256  | 18.43 | 17.33 | 17.52 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 135@67 | DFT_BPSK   | 25.60 | 24.5  | 24.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | DFT_BPSK   | 25.18 | 24.08 | 24.27 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | DFT_BPSK   | 24.64 | 23.54 | 23.73 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 135@67 | DFT_QPSK   | 25.59 | 24.49 | 24.68 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | DFT_QPSK   | 25.21 | 24.11 | 24.3  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | DFT_QPSK   | 24.60 | 23.5  | 23.69 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 135@67 | DFT_QAM16  | 24.49 | 23.39 | 23.58 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | DFT_QAM16  | 24.22 | 23.12 | 23.31 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | DFT_QAM16  | 23.61 | 22.51 | 22.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 135@67 | DFT_QAM64  | 23.11 | 22.01 | 22.2  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | DFT_QAM64  | 22.67 | 21.57 | 21.76 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | DFT_QAM64  | 22.16 | 21.06 | 21.25 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 135@67 | DFT_QAM256 | 21.03 | 19.93 | 20.12 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | DFT_QAM256 | 20.87 | 19.77 | 19.96 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | DFT_QAM256 | 20.29 | 19.19 | 19.38 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 137@68 | CP_QPSK    | 24.02 | 22.92 | 23.11 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | CP_QPSK    | 23.61 | 22.51 | 22.7  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | CP_QPSK    | 23.06 | 21.96 | 22.15 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 137@68 | CP_QAM16   | 23.51 | 22.41 | 22.6  | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | CP_QAM16   | 23.46 | 22.36 | 22.55 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | CP_QAM16   | 22.83 | 21.73 | 21.92 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 137@68 | CP_QAM64   | 22.09 | 20.99 | 21.18 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | CP_QAM64   | 21.47 | 20.37 | 20.56 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | CP_QAM64   | 20.89 | 19.79 | 19.98 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 137@68 | CP_QAM256  | 19.06 | 17.96 | 18.15 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@1    | CP_QAM256  | 19.04 | 17.94 | 18.13 | 33.01 | PASS |
| n77(3550-3700) | 30 | 100 | 643332 | 1@271  | CP_QAM256  | 18.44 | 17.34 | 17.53 | 33.01 | PASS |