

## 1. Conducted Output Power for EN-DC

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Power<br>(dBm) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|---------|
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | DFT_BPSK   | 21.74          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | DFT_BPSK   | 22.25          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | DFT_BPSK   | 22.10          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | DFT_BPSK   | 22.24          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | DFT_QPSK   | 21.26          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | DFT_QPSK   | 22.24          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | DFT_QPSK   | 22.07          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | DFT_QPSK   | 22.22          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | DFT_16QAM  | 20.20          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | DFT_16QAM  | 21.17          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | DFT_16QAM  | 21.12          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | DFT_16QAM  | 21.23          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | DFT_64QAM  | 19.69          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | DFT_64QAM  | 19.80          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | DFT_64QAM  | 19.20          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | DFT_64QAM  | 19.34          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | DFT_256QAM | 17.84          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | DFT_256QAM | 17.79          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | DFT_256QAM | 17.54          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | DFT_256QAM | 17.68          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_QPSK    | 21.04          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | CP_QPSK    | 21.06          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | CP_QPSK    | 21.04          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | CP_QPSK    | 21.07          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_16QAM   | 19.20          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | CP_16QAM   | 20.25          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | CP_16QAM   | 20.08          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | CP_16QAM   | 20.23          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_64QAM   | 18.70          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | CP_64QAM   | 18.72          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | CP_64QAM   | 18.67          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | CP_64QAM   | 18.85          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 24@0             | CP_256QAM  | 15.80          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 12@6             | CP_256QAM  | 15.79          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@1              | CP_256QAM  | 15.44          | PASS    |
| n78(3450-3550) | 30           | 10                 | 630334        | 1@22             | CP_256QAM  | 15.56          | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_BPSK   | 21.93          | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 12@6             | DFT_BPSK   | 22.45          | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 1@1              | DFT_BPSK   | 22.38          | PASS    |

|                |    |    |        |      |            |       |      |
|----------------|----|----|--------|------|------------|-------|------|
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_BPSK   | 22.34 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_QPSK   | 21.41 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | DFT_QPSK   | 22.44 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | DFT_QPSK   | 22.34 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_QPSK   | 22.29 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_16QAM  | 20.37 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | DFT_16QAM  | 21.42 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_64QAM  | 19.89 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | DFT_64QAM  | 19.96 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | DFT_64QAM  | 19.42 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_64QAM  | 19.33 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | DFT_256QAM | 18.01 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | DFT_256QAM | 17.99 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | DFT_256QAM | 17.85 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | DFT_256QAM | 17.76 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_QPSK    | 19.35 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_QPSK    | 20.92 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_QPSK    | 20.95 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_QPSK    | 20.87 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_16QAM   | 19.38 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_16QAM   | 20.44 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_16QAM   | 20.36 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_16QAM   | 20.28 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_64QAM   | 18.83 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_64QAM   | 18.93 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_64QAM   | 18.97 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_64QAM   | 18.87 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 24@0 | CP_256QAM  | 15.99 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 12@6 | CP_256QAM  | 15.97 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@1  | CP_256QAM  | 15.74 | PASS |
| n78(3450-3550) | 30 | 10 | 633334 | 1@22 | CP_256QAM  | 15.67 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_BPSK   | 20.73 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_BPSK   | 22.16 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_BPSK   | 22.12 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_BPSK   | 22.03 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_QPSK   | 21.14 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_QPSK   | 22.16 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_QPSK   | 22.09 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_QPSK   | 21.98 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_16QAM  | 20.11 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_16QAM  | 21.04 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_16QAM  | 21.15 | PASS |

|                |    |    |        |      |            |       |      |
|----------------|----|----|--------|------|------------|-------|------|
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_16QAM  | 21.07 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_64QAM  | 19.57 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_64QAM  | 19.67 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_64QAM  | 19.13 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_64QAM  | 19.05 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | DFT_256QAM | 17.72 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | DFT_256QAM | 17.69 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | DFT_256QAM | 17.55 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | DFT_256QAM | 17.50 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_QPSK    | 20.74 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_QPSK    | 20.73 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_QPSK    | 20.73 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_QPSK    | 20.74 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_16QAM   | 19.06 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_16QAM   | 20.14 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_16QAM   | 20.09 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_16QAM   | 19.97 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_64QAM   | 18.55 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_64QAM   | 18.58 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_64QAM   | 18.69 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_64QAM   | 18.60 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 24@0 | CP_256QAM  | 15.68 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 12@6 | CP_256QAM  | 15.61 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@1  | CP_256QAM  | 15.46 | PASS |
| n78(3450-3550) | 30 | 10 | 636332 | 1@22 | CP_256QAM  | 15.37 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_BPSK   | 19.56 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_BPSK   | 22.30 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_BPSK   | 22.11 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_BPSK   | 22.33 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_QPSK   | 21.33 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_QPSK   | 22.29 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_QPSK   | 22.06 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_QPSK   | 22.26 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_16QAM  | 20.28 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_16QAM  | 21.34 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_16QAM  | 21.11 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_16QAM  | 21.34 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_64QAM  | 19.82 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_64QAM  | 19.77 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_64QAM  | 19.17 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_64QAM  | 19.40 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 36@0 | DFT_256QAM | 17.95 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 18@9 | DFT_256QAM | 17.87 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | DFT_256QAM | 17.53 | PASS |

|                |    |    |        |      |            |       |      |
|----------------|----|----|--------|------|------------|-------|------|
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | DFT_256QAM | 17.74 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_QPSK    | 19.55 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_QPSK    | 19.54 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_QPSK    | 19.56 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_QPSK    | 19.56 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_16QAM   | 19.58 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_16QAM   | 20.27 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_16QAM   | 20.06 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_16QAM   | 20.27 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_64QAM   | 18.78 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_64QAM   | 18.78 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_64QAM   | 18.65 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_64QAM   | 18.87 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 38@0 | CP_256QAM  | 15.83 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 19@9 | CP_256QAM  | 15.88 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@1  | CP_256QAM  | 15.45 | PASS |
| n78(3450-3550) | 30 | 15 | 630500 | 1@36 | CP_256QAM  | 15.64 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_BPSK   | 19.36 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_BPSK   | 22.44 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_BPSK   | 22.33 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_BPSK   | 22.26 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_QPSK   | 21.43 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_QPSK   | 22.43 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_QPSK   | 22.27 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_QPSK   | 22.21 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_16QAM  | 20.36 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_16QAM  | 21.45 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_16QAM  | 21.34 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_16QAM  | 21.26 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_64QAM  | 19.89 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_64QAM  | 19.88 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_64QAM  | 19.40 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_64QAM  | 19.30 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 36@0 | DFT_256QAM | 18.04 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 18@9 | DFT_256QAM | 17.99 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | DFT_256QAM | 17.73 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | DFT_256QAM | 17.68 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_QPSK    | 19.32 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_QPSK    | 20.90 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_QPSK    | 20.86 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_QPSK    | 20.77 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_16QAM   | 19.33 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_16QAM   | 20.36 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_16QAM   | 20.26 | PASS |

|                |    |    |        |      |            |       |      |
|----------------|----|----|--------|------|------------|-------|------|
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_16QAM   | 20.18 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_64QAM   | 18.89 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_64QAM   | 18.84 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_64QAM   | 18.79 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 38@0 | CP_256QAM  | 15.94 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 19@9 | CP_256QAM  | 16.00 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@1  | CP_256QAM  | 15.56 | PASS |
| n78(3450-3550) | 30 | 15 | 633334 | 1@36 | CP_256QAM  | 15.49 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_BPSK   | 21.64 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_BPSK   | 22.18 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_BPSK   | 22.21 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_BPSK   | 22.00 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_QPSK   | 21.15 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_QPSK   | 22.19 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_QPSK   | 22.19 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_QPSK   | 21.97 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_16QAM  | 20.12 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_16QAM  | 21.15 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_16QAM  | 21.29 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_16QAM  | 21.06 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_64QAM  | 19.63 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_64QAM  | 19.66 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_64QAM  | 19.57 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_64QAM  | 19.37 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 36@0 | DFT_256QAM | 19.25 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 18@9 | DFT_256QAM | 19.23 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | DFT_256QAM | 19.23 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | DFT_256QAM | 19.22 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_QPSK    | 19.24 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_QPSK    | 19.25 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_QPSK    | 19.22 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_QPSK    | 19.25 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_16QAM   | 19.03 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_16QAM   | 20.15 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_16QAM   | 20.04 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_16QAM   | 19.85 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_64QAM   | 18.63 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_64QAM   | 18.63 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_64QAM   | 18.65 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@36 | CP_64QAM   | 18.44 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 38@0 | CP_256QAM  | 15.66 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 19@9 | CP_256QAM  | 15.75 | PASS |
| n78(3450-3550) | 30 | 15 | 636166 | 1@1  | CP_256QAM  | 15.48 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 15 | 636166 | 1@36  | CP_256QAM  | 15.23 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_BPSK   | 19.46 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_BPSK   | 22.36 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_BPSK   | 22.04 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_BPSK   | 22.18 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_QPSK   | 21.30 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_QPSK   | 22.36 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_QPSK   | 22.00 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_QPSK   | 22.15 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_16QAM  | 20.32 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_16QAM  | 21.08 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_16QAM  | 21.21 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_64QAM  | 19.75 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_64QAM  | 19.76 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_64QAM  | 19.13 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_64QAM  | 19.26 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 50@0  | DFT_256QAM | 17.89 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | DFT_256QAM | 17.97 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | DFT_256QAM | 17.51 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | DFT_256QAM | 17.64 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_QPSK    | 19.24 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_QPSK    | 20.84 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_QPSK    | 20.58 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_QPSK    | 20.73 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_16QAM   | 19.28 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_16QAM   | 20.32 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_16QAM   | 20.00 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_16QAM   | 20.14 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_64QAM   | 18.77 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_64QAM   | 18.77 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_64QAM   | 18.59 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_64QAM   | 18.72 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 51@0  | CP_256QAM  | 15.86 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 25@12 | CP_256QAM  | 15.92 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@1   | CP_256QAM  | 15.41 | PASS |
| n78(3450-3550) | 30 | 20 | 630668 | 1@49  | CP_256QAM  | 15.52 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_BPSK   | 19.22 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_BPSK   | 22.43 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_BPSK   | 22.21 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_BPSK   | 22.16 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_QPSK   | 21.36 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_QPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_QPSK   | 22.17 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_QPSK   | 22.11 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_16QAM  | 20.37 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_16QAM  | 21.40 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_16QAM  | 21.22 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_16QAM  | 21.15 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_64QAM  | 19.82 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_64QAM  | 19.81 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_64QAM  | 19.25 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_64QAM  | 19.18 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 50@0  | DFT_256QAM | 19.22 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | DFT_256QAM | 19.22 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | DFT_256QAM | 19.23 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | DFT_256QAM | 19.20 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_QPSK    | 19.31 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_QPSK    | 20.89 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_QPSK    | 20.76 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_QPSK    | 20.68 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_16QAM   | 19.32 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_16QAM   | 20.42 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_16QAM   | 20.18 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_16QAM   | 20.09 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_64QAM   | 18.85 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_64QAM   | 18.79 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_64QAM   | 18.68 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 51@0  | CP_256QAM  | 15.94 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 25@12 | CP_256QAM  | 15.99 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@1   | CP_256QAM  | 15.55 | PASS |
| n78(3450-3550) | 30 | 20 | 633334 | 1@49  | CP_256QAM  | 15.48 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_BPSK   | 19.09 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_BPSK   | 22.20 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_BPSK   | 22.21 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_BPSK   | 21.92 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_QPSK   | 21.16 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_QPSK   | 22.19 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_QPSK   | 22.18 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_QPSK   | 21.84 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_16QAM  | 20.20 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_16QAM  | 21.19 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_16QAM  | 21.20 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_16QAM  | 20.90 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_64QAM  | 19.62 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_64QAM  | 19.58 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_64QAM  | 19.22 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_64QAM  | 18.95 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 50@0  | DFT_256QAM | 17.76 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | DFT_256QAM | 17.83 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | DFT_256QAM | 17.62 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | DFT_256QAM | 17.35 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_QPSK    | 19.14 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_QPSK    | 20.66 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_QPSK    | 20.73 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_QPSK    | 20.40 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_16QAM   | 19.14 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_16QAM   | 20.20 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_16QAM   | 20.18 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_16QAM   | 19.85 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_64QAM   | 18.65 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_64QAM   | 18.73 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_64QAM   | 18.41 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 51@0  | CP_256QAM  | 15.71 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 25@12 | CP_256QAM  | 15.75 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@1   | CP_256QAM  | 15.53 | PASS |
| n78(3450-3550) | 30 | 20 | 636000 | 1@49  | CP_256QAM  | 15.23 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_BPSK   | 19.71 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_BPSK   | 19.71 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_BPSK   | 19.72 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_BPSK   | 19.71 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_QPSK   | 21.22 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_QPSK   | 22.35 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_QPSK   | 21.67 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_QPSK   | 21.62 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_16QAM  | 20.19 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_16QAM  | 20.69 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_16QAM  | 20.65 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_64QAM  | 19.71 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_64QAM  | 19.80 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_64QAM  | 18.79 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_64QAM  | 18.77 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 100@0 | DFT_256QAM | 17.80 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 50@25 | DFT_256QAM | 17.91 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | DFT_256QAM | 17.17 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | DFT_256QAM | 17.12 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_QPSK    | 19.69 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_QPSK    | 19.70 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_QPSK    | 19.70 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_QPSK    | 19.70 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_16QAM   | 19.16 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_16QAM   | 20.30 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_16QAM   | 19.69 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_16QAM   | 19.63 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_64QAM   | 18.65 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_64QAM   | 18.78 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_64QAM   | 18.31 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_64QAM   | 18.27 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 106@0 | CP_256QAM  | 15.75 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 53@26 | CP_256QAM  | 15.86 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@1   | CP_256QAM  | 15.12 | PASS |
| n78(3450-3550) | 30 | 40 | 631334 | 1@104 | CP_256QAM  | 15.07 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_BPSK   | 19.51 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_BPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_BPSK   | 21.78 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_BPSK   | 21.69 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_QPSK   | 21.27 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_QPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_QPSK   | 21.73 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_QPSK   | 21.62 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_16QAM  | 20.21 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_16QAM  | 21.41 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_16QAM  | 20.78 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_16QAM  | 20.71 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_64QAM  | 19.74 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_64QAM  | 19.83 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_64QAM  | 18.89 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_64QAM  | 18.83 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 100@0 | DFT_256QAM | 19.51 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 50@25 | DFT_256QAM | 19.50 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | DFT_256QAM | 19.48 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | DFT_256QAM | 19.50 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_QPSK    | 19.18 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_QPSK    | 20.84 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_QPSK    | 20.34 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_QPSK    | 20.23 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_16QAM   | 19.22 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_16QAM   | 20.36 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_16QAM   | 19.76 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_16QAM   | 19.64 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_64QAM   | 18.71 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_64QAM   | 18.85 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_64QAM   | 18.34 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_64QAM   | 18.26 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 106@0 | CP_256QAM  | 15.78 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 53@26 | CP_256QAM  | 15.96 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@1   | CP_256QAM  | 15.20 | PASS |
| n78(3450-3550) | 30 | 40 | 633334 | 1@104 | CP_256QAM  | 15.10 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_BPSK   | 19.42 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_BPSK   | 22.28 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_BPSK   | 21.75 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_BPSK   | 21.50 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_QPSK   | 21.16 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_QPSK   | 22.30 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_QPSK   | 21.73 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_QPSK   | 21.45 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_16QAM  | 20.14 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_16QAM  | 21.28 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_16QAM  | 20.76 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_16QAM  | 20.51 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_64QAM  | 19.65 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_64QAM  | 19.77 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_64QAM  | 18.91 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_64QAM  | 18.64 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 100@0 | DFT_256QAM | 17.74 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 50@25 | DFT_256QAM | 17.88 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | DFT_256QAM | 17.23 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | DFT_256QAM | 16.96 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_QPSK    | 19.08 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_QPSK    | 20.77 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_QPSK    | 20.30 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_QPSK    | 20.06 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_16QAM   | 19.08 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_16QAM   | 20.27 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_16QAM   | 19.75 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_16QAM   | 19.48 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_64QAM   | 18.58 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_64QAM   | 18.76 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_64QAM   | 18.36 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_64QAM   | 18.09 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 106@0 | CP_256QAM  | 15.66 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 53@26 | CP_256QAM  | 15.83 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@1   | CP_256QAM  | 15.19 | PASS |
| n78(3450-3550) | 30 | 40 | 635332 | 1@104 | CP_256QAM  | 14.92 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_BPSK   | 19.79 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_BPSK   | 22.30 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_BPSK   | 21.98 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_BPSK   | 21.98 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_QPSK   | 21.25 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_QPSK   | 22.29 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_QPSK   | 21.94 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_QPSK   | 21.95 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_16QAM  | 20.22 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_16QAM  | 21.28 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_16QAM  | 20.96 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_16QAM  | 20.99 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_64QAM  | 19.72 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_64QAM  | 19.75 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_64QAM  | 19.02 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_64QAM  | 19.02 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 128@0 | DFT_256QAM | 19.77 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 64@32 | DFT_256QAM | 19.76 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | DFT_256QAM | 19.77 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | DFT_256QAM | 19.77 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_QPSK    | 19.19 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_QPSK    | 20.75 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_QPSK    | 20.55 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_QPSK    | 20.53 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_16QAM   | 19.18 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_16QAM   | 20.25 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_16QAM   | 19.95 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_16QAM   | 19.94 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_64QAM   | 18.67 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_64QAM   | 18.73 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_64QAM   | 18.56 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_64QAM   | 18.54 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 133@0 | CP_256QAM  | 15.81 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 67@33 | CP_256QAM  | 15.81 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@1   | CP_256QAM  | 15.41 | PASS |
| n78(3450-3550) | 30 | 50 | 631668 | 1@131 | CP_256QAM  | 15.39 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_BPSK   | 21.80 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_BPSK   | 22.42 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_BPSK   | 22.11 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_BPSK   | 21.99 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_QPSK   | 21.30 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_QPSK   | 22.43 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_QPSK   | 22.05 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_QPSK   | 21.94 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_16QAM  | 20.30 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_16QAM  | 21.41 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_16QAM  | 21.07 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_16QAM  | 21.00 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_64QAM  | 19.79 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_64QAM  | 19.90 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_64QAM  | 19.12 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_64QAM  | 19.06 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 128@0 | DFT_256QAM | 17.93 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 64@32 | DFT_256QAM | 18.02 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | DFT_256QAM | 17.56 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | DFT_256QAM | 17.46 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_QPSK    | 19.63 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_QPSK    | 19.63 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_QPSK    | 19.64 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_QPSK    | 19.64 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_16QAM   | 19.23 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_16QAM   | 20.41 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_16QAM   | 20.11 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_16QAM   | 19.97 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_64QAM   | 18.73 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_64QAM   | 18.85 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_64QAM   | 18.71 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_64QAM   | 18.54 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 133@0 | CP_256QAM  | 15.84 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 67@33 | CP_256QAM  | 15.93 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@1   | CP_256QAM  | 15.53 | PASS |
| n78(3450-3550) | 30 | 50 | 633334 | 1@131 | CP_256QAM  | 15.42 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_BPSK   | 21.76 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_BPSK   | 22.33 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_BPSK   | 22.17 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_BPSK   | 21.76 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_QPSK   | 22.36 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_QPSK   | 22.13 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_QPSK   | 21.73 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_16QAM  | 20.25 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_16QAM  | 21.32 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_16QAM  | 21.23 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_16QAM  | 20.80 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_64QAM  | 19.72 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_64QAM  | 19.80 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_64QAM  | 19.27 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_64QAM  | 18.84 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 128@0 | DFT_256QAM | 17.86 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 64@32 | DFT_256QAM | 17.91 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | DFT_256QAM | 17.67 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | DFT_256QAM | 17.24 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_QPSK    | 19.19 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_QPSK    | 20.78 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_QPSK    | 20.73 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_QPSK    | 20.34 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_16QAM   | 19.20 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_16QAM   | 20.32 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_16QAM   | 20.14 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_16QAM   | 19.77 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_64QAM   | 18.70 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_64QAM   | 18.76 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_64QAM   | 18.74 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_64QAM   | 18.36 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 133@0 | CP_256QAM  | 15.80 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 67@33 | CP_256QAM  | 15.87 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@1   | CP_256QAM  | 15.60 | PASS |
| n78(3450-3550) | 30 | 50 | 635000 | 1@131 | CP_256QAM  | 15.19 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_BPSK   | 18.98 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_BPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_BPSK   | 21.99 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_BPSK   | 21.83 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_QPSK   | 21.33 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_QPSK   | 22.38 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_QPSK   | 21.94 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_QPSK   | 21.82 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_16QAM  | 20.34 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_16QAM  | 21.37 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_16QAM  | 20.94 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_16QAM  | 20.81 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_64QAM  | 19.80 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_64QAM  | 19.86 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_64QAM  | 19.05 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_64QAM  | 18.92 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | DFT_256QAM | 17.90 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | DFT_256QAM | 17.97 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | DFT_256QAM | 17.52 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | DFT_256QAM | 17.37 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_QPSK    | 18.96 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_QPSK    | 18.96 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_QPSK    | 18.97 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_QPSK    | 18.96 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_16QAM   | 19.30 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_16QAM   | 20.34 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_16QAM   | 19.91 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_16QAM   | 19.73 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_64QAM   | 18.77 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_64QAM   | 18.53 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_64QAM   | 18.37 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 162@0 | CP_256QAM  | 15.89 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 81@40 | CP_256QAM  | 15.98 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@1   | CP_256QAM  | 15.36 | PASS |
| n78(3450-3550) | 30 | 60 | 632000 | 1@160 | CP_256QAM  | 15.27 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_BPSK   | 18.92 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_BPSK   | 22.38 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_BPSK   | 22.09 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_BPSK   | 21.90 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_QPSK   | 22.37 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_QPSK   | 22.08 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_QPSK   | 21.88 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_16QAM  | 20.22 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_16QAM  | 21.39 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_16QAM  | 21.15 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_16QAM  | 20.96 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_64QAM  | 19.71 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_64QAM  | 19.87 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_64QAM  | 19.45 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_64QAM  | 19.25 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | DFT_256QAM | 17.82 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | DFT_256QAM | 17.97 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | DFT_256QAM | 17.49 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | DFT_256QAM | 17.26 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_QPSK    | 19.18 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_QPSK    | 20.85 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_QPSK    | 20.66 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_QPSK    | 20.44 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_16QAM   | 19.16 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_16QAM   | 20.32 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_16QAM   | 20.00 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_16QAM   | 19.80 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_64QAM   | 18.64 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_64QAM   | 18.79 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_64QAM   | 18.62 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_64QAM   | 18.44 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 162@0 | CP_256QAM  | 15.78 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 81@40 | CP_256QAM  | 15.98 | PASS |
| n78(3450-3550) | 30 | 60 | 633334 | 1@1   | CP_256QAM  | 15.47 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 60 | 633334 | 1@160 | CP_256QAM  | 15.30 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_BPSK   | 18.83 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_BPSK   | 18.84 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_BPSK   | 18.82 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_BPSK   | 18.84 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_QPSK   | 22.32 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_QPSK   | 22.08 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_QPSK   | 21.66 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_16QAM  | 20.21 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_16QAM  | 21.20 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_16QAM  | 20.74 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_64QAM  | 19.71 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_64QAM  | 19.81 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_64QAM  | 19.48 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_64QAM  | 19.03 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | DFT_256QAM | 17.82 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | DFT_256QAM | 17.91 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | DFT_256QAM | 17.48 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | DFT_256QAM | 17.07 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_QPSK    | 18.83 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_QPSK    | 18.82 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_QPSK    | 18.82 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_QPSK    | 18.83 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_16QAM   | 19.17 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_16QAM   | 20.28 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_16QAM   | 19.97 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_16QAM   | 19.54 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_64QAM   | 18.75 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_64QAM   | 18.59 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_64QAM   | 18.13 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 162@0 | CP_256QAM  | 15.79 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 81@40 | CP_256QAM  | 15.93 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@1   | CP_256QAM  | 15.50 | PASS |
| n78(3450-3550) | 30 | 60 | 634666 | 1@160 | CP_256QAM  | 15.06 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_BPSK   | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_BPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_BPSK   | 21.92 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_BPSK   | 21.75 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_QPSK   | 21.34 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_QPSK   | 22.40 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_QPSK   | 21.90 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_QPSK   | 21.72 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_16QAM  | 20.30 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_16QAM  | 21.38 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_16QAM  | 20.89 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_16QAM  | 20.72 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_64QAM  | 19.76 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_64QAM  | 19.84 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_64QAM  | 19.00 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_64QAM  | 18.82 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 180@0 | DFT_256QAM | 17.95 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 90@45 | DFT_256QAM | 18.01 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | DFT_256QAM | 17.44 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | DFT_256QAM | 17.27 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_QPSK    | 19.23 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_QPSK    | 20.88 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_QPSK    | 20.49 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_QPSK    | 20.30 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_16QAM   | 19.23 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_16QAM   | 20.42 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_16QAM   | 19.94 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_16QAM   | 19.79 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_64QAM   | 18.72 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_64QAM   | 18.50 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_64QAM   | 18.32 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 189@0 | CP_256QAM  | 15.86 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 95@47 | CP_256QAM  | 15.93 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@1   | CP_256QAM  | 15.41 | PASS |
| n78(3450-3550) | 30 | 70 | 632334 | 1@187 | CP_256QAM  | 15.24 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_BPSK   | 21.80 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_BPSK   | 22.39 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_BPSK   | 22.16 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_BPSK   | 21.80 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_QPSK   | 21.31 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_QPSK   | 22.38 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_QPSK   | 22.12 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_QPSK   | 21.75 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_16QAM  | 20.30 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_16QAM  | 21.39 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_16QAM  | 21.14 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_16QAM  | 20.76 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_64QAM  | 19.77 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_64QAM  | 19.83 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_64QAM  | 19.28 | PASS |

|                |    |    |        |       |            |       |      |
|----------------|----|----|--------|-------|------------|-------|------|
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_64QAM  | 18.89 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 180@0 | DFT_256QAM | 18.28 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 90@45 | DFT_256QAM | 18.31 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | DFT_256QAM | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | DFT_256QAM | 18.29 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_QPSK    | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_QPSK    | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_QPSK    | 18.29 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_QPSK    | 18.31 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_16QAM   | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_16QAM   | 20.38 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_16QAM   | 20.16 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_16QAM   | 19.78 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_64QAM   | 18.69 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_64QAM   | 18.79 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_64QAM   | 18.73 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_64QAM   | 18.34 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 189@0 | CP_256QAM  | 15.82 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 95@47 | CP_256QAM  | 15.91 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@1   | CP_256QAM  | 15.71 | PASS |
| n78(3450-3550) | 30 | 70 | 633334 | 1@187 | CP_256QAM  | 15.33 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_BPSK   | 18.30 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_BPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_BPSK   | 21.93 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_BPSK   | 21.58 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_QPSK   | 21.29 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_QPSK   | 22.42 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_QPSK   | 21.90 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_QPSK   | 21.54 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_16QAM  | 20.28 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_16QAM  | 21.40 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_16QAM  | 20.97 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_16QAM  | 20.63 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_64QAM  | 19.71 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_64QAM  | 19.87 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_64QAM  | 19.04 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_64QAM  | 18.70 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 180@0 | DFT_256QAM | 18.28 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 90@45 | DFT_256QAM | 18.27 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | DFT_256QAM | 18.29 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187 | DFT_256QAM | 18.28 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 189@0 | CP_QPSK    | 18.28 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 95@47 | CP_QPSK    | 18.28 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1   | CP_QPSK    | 18.28 | PASS |

|                |    |    |        |        |            |       |      |
|----------------|----|----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 70 | 634332 | 1@187  | CP_QPSK    | 18.26 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 189@0  | CP_16QAM   | 19.19 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 95@47  | CP_16QAM   | 20.36 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1    | CP_16QAM   | 19.98 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187  | CP_16QAM   | 19.65 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 189@0  | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 95@47  | CP_64QAM   | 18.80 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1    | CP_64QAM   | 18.50 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187  | CP_64QAM   | 18.18 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 189@0  | CP_256QAM  | 15.79 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 95@47  | CP_256QAM  | 15.95 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@1    | CP_256QAM  | 15.45 | PASS |
| n78(3450-3550) | 30 | 70 | 634332 | 1@187  | CP_256QAM  | 15.10 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_BPSK   | 18.81 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_BPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_BPSK   | 21.78 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_BPSK   | 21.67 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_QPSK   | 22.42 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_QPSK   | 21.77 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_QPSK   | 21.66 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_16QAM  | 20.23 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_16QAM  | 21.39 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_16QAM  | 20.78 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_16QAM  | 20.69 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_64QAM  | 19.71 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_64QAM  | 19.85 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_64QAM  | 18.86 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_64QAM  | 18.77 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 216@0  | DFT_256QAM | 17.83 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 108@54 | DFT_256QAM | 17.99 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | DFT_256QAM | 17.35 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | DFT_256QAM | 17.24 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_QPSK    | 19.21 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_QPSK    | 20.86 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_QPSK    | 20.32 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_QPSK    | 20.22 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_16QAM   | 19.19 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_16QAM   | 20.39 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_16QAM   | 19.81 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_16QAM   | 19.70 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_64QAM   | 18.67 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_64QAM   | 18.35 | PASS |

|                |    |    |        |        |            |       |      |
|----------------|----|----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_64QAM   | 18.22 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 217@0  | CP_256QAM  | 15.81 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 109@54 | CP_256QAM  | 15.94 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@1    | CP_256QAM  | 15.28 | PASS |
| n78(3450-3550) | 30 | 80 | 632668 | 1@215  | CP_256QAM  | 15.20 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_BPSK   | 18.76 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_BPSK   | 22.37 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_BPSK   | 22.01 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_BPSK   | 21.56 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_QPSK   | 21.25 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_QPSK   | 22.37 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_QPSK   | 21.98 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_QPSK   | 21.54 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_16QAM  | 20.23 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_16QAM  | 21.36 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_16QAM  | 21.01 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_16QAM  | 20.54 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_64QAM  | 19.69 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_64QAM  | 19.84 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_64QAM  | 19.12 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_64QAM  | 18.64 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 216@0  | DFT_256QAM | 17.84 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 108@54 | DFT_256QAM | 17.97 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | DFT_256QAM | 17.57 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | DFT_256QAM | 17.12 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_QPSK    | 18.73 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_QPSK    | 18.73 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_QPSK    | 18.74 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_QPSK    | 18.73 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_16QAM   | 19.17 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_16QAM   | 20.37 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_16QAM   | 20.04 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_16QAM   | 19.55 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_64QAM   | 18.68 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_64QAM   | 18.81 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_64QAM   | 18.59 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_64QAM   | 18.12 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 217@0  | CP_256QAM  | 15.82 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 109@54 | CP_256QAM  | 15.92 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@1    | CP_256QAM  | 15.53 | PASS |
| n78(3450-3550) | 30 | 80 | 633334 | 1@215  | CP_256QAM  | 15.08 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_BPSK   | 18.71 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_BPSK   | 18.71 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_BPSK   | 18.72 | PASS |

|                |    |    |        |        |            |       |      |
|----------------|----|----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_BPSK   | 18.71 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_QPSK   | 22.41 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_QPSK   | 21.88 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_QPSK   | 21.41 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_16QAM  | 20.20 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_16QAM  | 21.43 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_16QAM  | 20.93 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_16QAM  | 20.45 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_64QAM  | 19.68 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_64QAM  | 19.86 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_64QAM  | 18.96 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_64QAM  | 18.47 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 216@0  | DFT_256QAM | 17.81 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 108@54 | DFT_256QAM | 17.98 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | DFT_256QAM | 17.49 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | DFT_256QAM | 16.97 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_QPSK    | 19.17 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_QPSK    | 20.85 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_QPSK    | 20.47 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_QPSK    | 19.97 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_16QAM   | 19.14 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_16QAM   | 20.36 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_16QAM   | 19.87 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_16QAM   | 19.41 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_64QAM   | 18.82 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_64QAM   | 18.51 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_64QAM   | 18.03 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 217@0  | CP_256QAM  | 15.80 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 109@54 | CP_256QAM  | 15.91 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@1    | CP_256QAM  | 15.41 | PASS |
| n78(3450-3550) | 30 | 80 | 634000 | 1@215  | CP_256QAM  | 14.93 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 243@0  | DFT_BPSK   | 18.25 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_BPSK   | 22.34 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_BPSK   | 21.64 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_BPSK   | 21.37 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 243@0  | DFT_QPSK   | 21.20 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_QPSK   | 22.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_QPSK   | 21.61 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_QPSK   | 21.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 243@0  | DFT_16QAM  | 20.17 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_16QAM  | 21.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_16QAM  | 20.67 | PASS |

|                |    |    |        |        |            |       |      |
|----------------|----|----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_16QAM  | 20.40 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 243@0  | DFT_64QAM  | 19.65 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_64QAM  | 19.83 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_64QAM  | 18.65 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_64QAM  | 18.41 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 243@0  | DFT_256QAM | 18.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 120@60 | DFT_256QAM | 18.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | DFT_256QAM | 18.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | DFT_256QAM | 18.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_QPSK    | 18.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_QPSK    | 18.22 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_QPSK    | 18.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_QPSK    | 18.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_16QAM   | 18.22 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_16QAM   | 20.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_16QAM   | 19.65 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_16QAM   | 19.37 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_64QAM   | 18.76 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_64QAM   | 18.15 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_64QAM   | 17.88 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 245@0  | CP_256QAM  | 15.79 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 123@61 | CP_256QAM  | 15.87 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@1    | CP_256QAM  | 15.12 | PASS |
| n78(3450-3550) | 30 | 90 | 633000 | 1@243  | CP_256QAM  | 14.86 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 243@0  | DFT_BPSK   | 18.26 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_BPSK   | 22.36 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_BPSK   | 21.77 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_BPSK   | 21.29 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 243@0  | DFT_QPSK   | 21.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_QPSK   | 22.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_QPSK   | 21.74 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_QPSK   | 21.27 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 243@0  | DFT_16QAM  | 20.18 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_16QAM  | 21.37 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_16QAM  | 20.81 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_16QAM  | 20.34 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 243@0  | DFT_64QAM  | 19.67 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_64QAM  | 19.84 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_64QAM  | 18.80 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_64QAM  | 18.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 243@0  | DFT_256QAM | 17.86 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 120@60 | DFT_256QAM | 17.99 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | DFT_256QAM | 17.39 | PASS |

|                |    |    |        |        |            |       |      |
|----------------|----|----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | DFT_256QAM | 16.91 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_QPSK    | 18.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_QPSK    | 18.25 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_QPSK    | 18.24 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_QPSK    | 18.25 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_16QAM   | 19.20 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_16QAM   | 20.28 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_16QAM   | 19.75 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_16QAM   | 19.25 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_64QAM   | 18.66 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_64QAM   | 18.77 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_64QAM   | 18.36 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_64QAM   | 17.86 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 245@0  | CP_256QAM  | 15.80 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 123@61 | CP_256QAM  | 15.92 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@1    | CP_256QAM  | 15.31 | PASS |
| n78(3450-3550) | 30 | 90 | 633334 | 1@243  | CP_256QAM  | 14.84 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 243@0  | DFT_BPSK   | 18.28 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_BPSK   | 22.37 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_BPSK   | 21.91 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_BPSK   | 21.30 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 243@0  | DFT_QPSK   | 21.23 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_QPSK   | 22.39 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_QPSK   | 21.87 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_QPSK   | 21.27 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 243@0  | DFT_16QAM  | 20.18 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_16QAM  | 21.39 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_16QAM  | 20.94 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_16QAM  | 20.30 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 243@0  | DFT_64QAM  | 19.70 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_64QAM  | 19.88 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_64QAM  | 18.94 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_64QAM  | 18.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 243@0  | DFT_256QAM | 17.88 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 120@60 | DFT_256QAM | 18.00 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | DFT_256QAM | 17.52 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | DFT_256QAM | 16.90 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_QPSK    | 19.17 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_QPSK    | 20.82 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_QPSK    | 20.47 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@243  | CP_QPSK    | 19.91 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 245@0  | CP_16QAM   | 19.20 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 123@61 | CP_16QAM   | 20.33 | PASS |
| n78(3450-3550) | 30 | 90 | 633666 | 1@1    | CP_16QAM   | 19.90 | PASS |

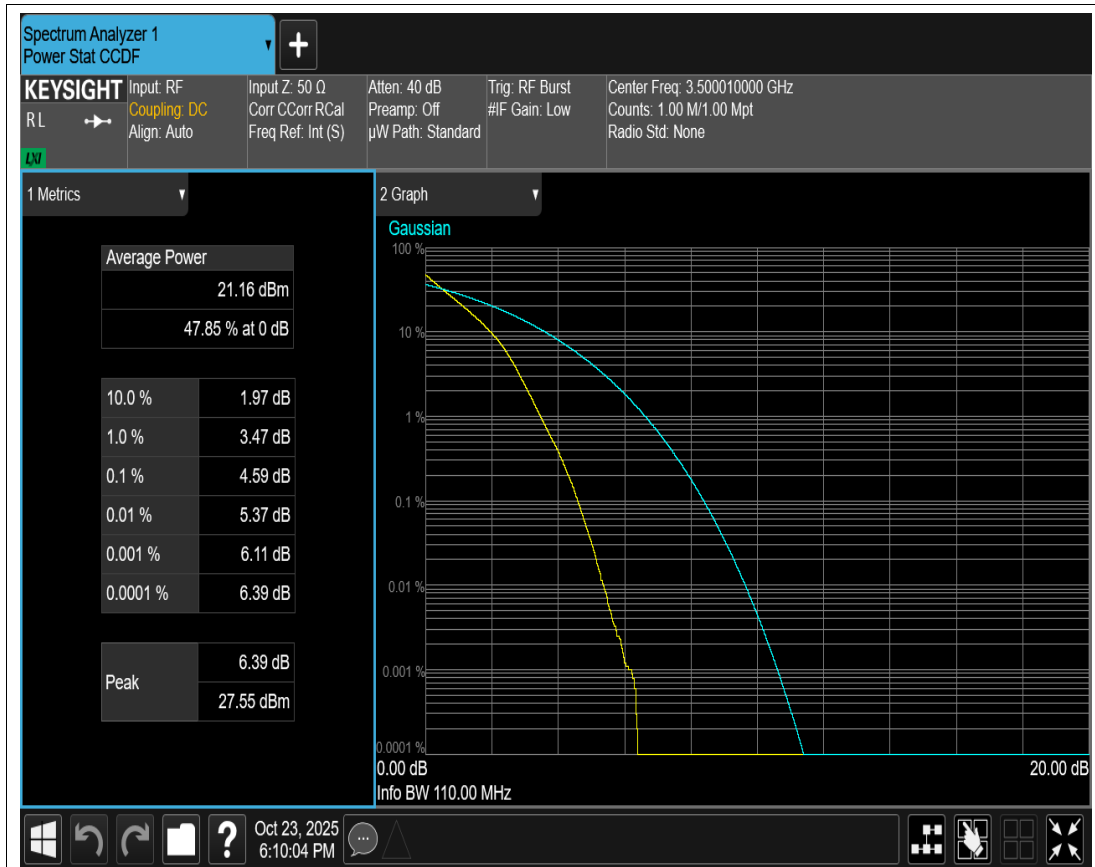
|                |    |     |        |        |            |       |      |
|----------------|----|-----|--------|--------|------------|-------|------|
| n78(3450-3550) | 30 | 90  | 633666 | 1@243  | CP_16QAM   | 19.38 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 245@0  | CP_64QAM   | 18.65 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 123@61 | CP_64QAM   | 18.82 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 1@1    | CP_64QAM   | 18.46 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 1@243  | CP_64QAM   | 17.91 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 245@0  | CP_256QAM  | 15.82 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 123@61 | CP_256QAM  | 15.94 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 1@1    | CP_256QAM  | 15.41 | PASS |
| n78(3450-3550) | 30 | 90  | 633666 | 1@243  | CP_256QAM  | 14.89 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_BPSK   | 18.81 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_BPSK   | 22.35 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_BPSK   | 21.53 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_BPSK   | 21.13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_QPSK   | 21.17 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_QPSK   | 22.32 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_QPSK   | 21.48 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_QPSK   | 21.06 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_16QAM  | 20.14 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_16QAM  | 21.35 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_16QAM  | 20.58 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_16QAM  | 20.14 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_64QAM  | 19.65 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_64QAM  | 19.83 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_64QAM  | 18.62 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_64QAM  | 18.21 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0  | DFT_256QAM | 17.83 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 135@67 | DFT_256QAM | 17.91 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | DFT_256QAM | 17.24 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | DFT_256QAM | 16.85 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_QPSK    | 18.81 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_QPSK    | 18.81 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_QPSK    | 18.79 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_QPSK    | 18.80 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_16QAM   | 19.12 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_16QAM   | 20.31 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_16QAM   | 19.52 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_16QAM   | 19.11 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_64QAM   | 18.58 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_64QAM   | 18.76 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_64QAM   | 18.06 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@271  | CP_64QAM   | 17.65 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 273@0  | CP_256QAM  | 15.76 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 137@68 | CP_256QAM  | 15.92 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 1@1    | CP_256QAM  | 15.02 | PASS |

|                |    |     |        |       |           |       |      |
|----------------|----|-----|--------|-------|-----------|-------|------|
| n78(3450-3550) | 30 | 100 | 633334 | 1@271 | CP_256QAM | 14.67 | PASS |
|----------------|----|-----|--------|-------|-----------|-------|------|

### 3. Peak-to-average Ratio for EN-DC

| Band           | SCS<br>(kHz) | Bandwidth<br>(MHz) | UL<br>Channel | RB<br>Allocation | Modulation | Result<br>(dB) | High Limit<br>(dB) | Verdict |
|----------------|--------------|--------------------|---------------|------------------|------------|----------------|--------------------|---------|
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_BPSK   | 4.65           | 13                 | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_QPSK   | 6.05           | 13                 | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_16QAM  | 6.58           | 13                 | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_64QAM  | 6.73           | 13                 | PASS    |
| n78(3450-3550) | 30           | 10                 | 633334        | 24@0             | DFT_256QAM | 6.74           | 13                 | PASS    |
| n78(3450-3550) | 30           | 15                 | 633334        | 36@0             | DFT_BPSK   | 4.62           | 13                 | PASS    |
| n78(3450-3550) | 30           | 15                 | 633334        | 36@0             | DFT_QPSK   | 5.96           | 13                 | PASS    |
| n78(3450-3550) | 30           | 15                 | 633334        | 36@0             | DFT_16QAM  | 6.51           | 13                 | PASS    |
| n78(3450-3550) | 30           | 15                 | 633334        | 36@0             | DFT_64QAM  | 6.66           | 13                 | PASS    |
| n78(3450-3550) | 30           | 15                 | 633334        | 36@0             | DFT_256QAM | 6.65           | 13                 | PASS    |
| n78(3450-3550) | 30           | 20                 | 633334        | 50@0             | DFT_BPSK   | 4.59           | 13                 | PASS    |
| n78(3450-3550) | 30           | 20                 | 633334        | 50@0             | DFT_QPSK   | 5.88           | 13                 | PASS    |
| n78(3450-3550) | 30           | 20                 | 633334        | 50@0             | DFT_16QAM  | 6.60           | 13                 | PASS    |
| n78(3450-3550) | 30           | 20                 | 633334        | 50@0             | DFT_64QAM  | 6.67           | 13                 | PASS    |
| n78(3450-3550) | 30           | 20                 | 633334        | 50@0             | DFT_256QAM | 6.68           | 13                 | PASS    |
| n78(3450-3550) | 30           | 40                 | 633334        | 100@0            | DFT_BPSK   | 4.52           | 13                 | PASS    |
| n78(3450-3550) | 30           | 40                 | 633334        | 100@0            | DFT_QPSK   | 5.77           | 13                 | PASS    |
| n78(3450-3550) | 30           | 40                 | 633334        | 100@0            | DFT_16QAM  | 6.45           | 13                 | PASS    |
| n78(3450-3550) | 30           | 40                 | 633334        | 100@0            | DFT_64QAM  | 6.72           | 13                 | PASS    |
| n78(3450-3550) | 30           | 40                 | 633334        | 100@0            | DFT_256QAM | 6.73           | 13                 | PASS    |
| n78(3450-3550) | 30           | 50                 | 633334        | 128@0            | DFT_BPSK   | 4.82           | 13                 | PASS    |
| n78(3450-3550) | 30           | 50                 | 633334        | 128@0            | DFT_QPSK   | 5.78           | 13                 | PASS    |
| n78(3450-3550) | 30           | 50                 | 633334        | 128@0            | DFT_16QAM  | 6.48           | 13                 | PASS    |
| n78(3450-3550) | 30           | 50                 | 633334        | 128@0            | DFT_64QAM  | 6.68           | 13                 | PASS    |
| n78(3450-3550) | 30           | 50                 | 633334        | 128@0            | DFT_256QAM | 6.64           | 13                 | PASS    |
| n78(3450-3550) | 30           | 60                 | 633334        | 162@0            | DFT_BPSK   | 4.45           | 13                 | PASS    |
| n78(3450-3550) | 30           | 60                 | 633334        | 162@0            | DFT_QPSK   | 5.78           | 13                 | PASS    |
| n78(3450-3550) | 30           | 60                 | 633334        | 162@0            | DFT_16QAM  | 6.53           | 13                 | PASS    |
| n78(3450-3550) | 30           | 60                 | 633334        | 162@0            | DFT_64QAM  | 6.72           | 13                 | PASS    |
| n78(3450-3550) | 30           | 60                 | 633334        | 162@0            | DFT_256QAM | 6.69           | 13                 | PASS    |
| n78(3450-3550) | 30           | 70                 | 633334        | 180@0            | DFT_BPSK   | 4.73           | 13                 | PASS    |
| n78(3450-3550) | 30           | 70                 | 633334        | 180@0            | DFT_QPSK   | 5.86           | 13                 | PASS    |
| n78(3450-3550) | 30           | 70                 | 633334        | 180@0            | DFT_16QAM  | 6.53           | 13                 | PASS    |
| n78(3450-3550) | 30           | 70                 | 633334        | 180@0            | DFT_64QAM  | 6.75           | 13                 | PASS    |
| n78(3450-3550) | 30           | 70                 | 633334        | 180@0            | DFT_256QAM | 6.70           | 13                 | PASS    |
| n78(3450-3550) | 30           | 80                 | 633334        | 216@0            | DFT_BPSK   | 5.14           | 13                 | PASS    |
| n78(3450-3550) | 30           | 80                 | 633334        | 216@0            | DFT_QPSK   | 5.86           | 13                 | PASS    |
| n78(3450-3550) | 30           | 80                 | 633334        | 216@0            | DFT_16QAM  | 6.55           | 13                 | PASS    |
| n78(3450-3550) | 30           | 80                 | 633334        | 216@0            | DFT_64QAM  | 6.69           | 13                 | PASS    |
| n78(3450-3550) | 30           | 80                 | 633334        | 216@0            | DFT_256QAM | 6.72           | 13                 | PASS    |

|                |    |     |        |       |            |      |    |      |
|----------------|----|-----|--------|-------|------------|------|----|------|
| n78(3450-3550) | 30 | 90  | 633334 | 243@0 | DFT_BPSK   | 4.67 | 13 | PASS |
| n78(3450-3550) | 30 | 90  | 633334 | 243@0 | DFT_QPSK   | 5.84 | 13 | PASS |
| n78(3450-3550) | 30 | 90  | 633334 | 243@0 | DFT_16QAM  | 6.60 | 13 | PASS |
| n78(3450-3550) | 30 | 90  | 633334 | 243@0 | DFT_64QAM  | 6.68 | 13 | PASS |
| n78(3450-3550) | 30 | 90  | 633334 | 243@0 | DFT_256QAM | 6.70 | 13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_BPSK   | 5.25 | 13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_QPSK   | 5.84 | 13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_16QAM  | 6.52 | 13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_64QAM  | 6.70 | 13 | PASS |
| n78(3450-3550) | 30 | 100 | 633334 | 270@0 | DFT_256QAM | 6.63 | 13 | PASS |



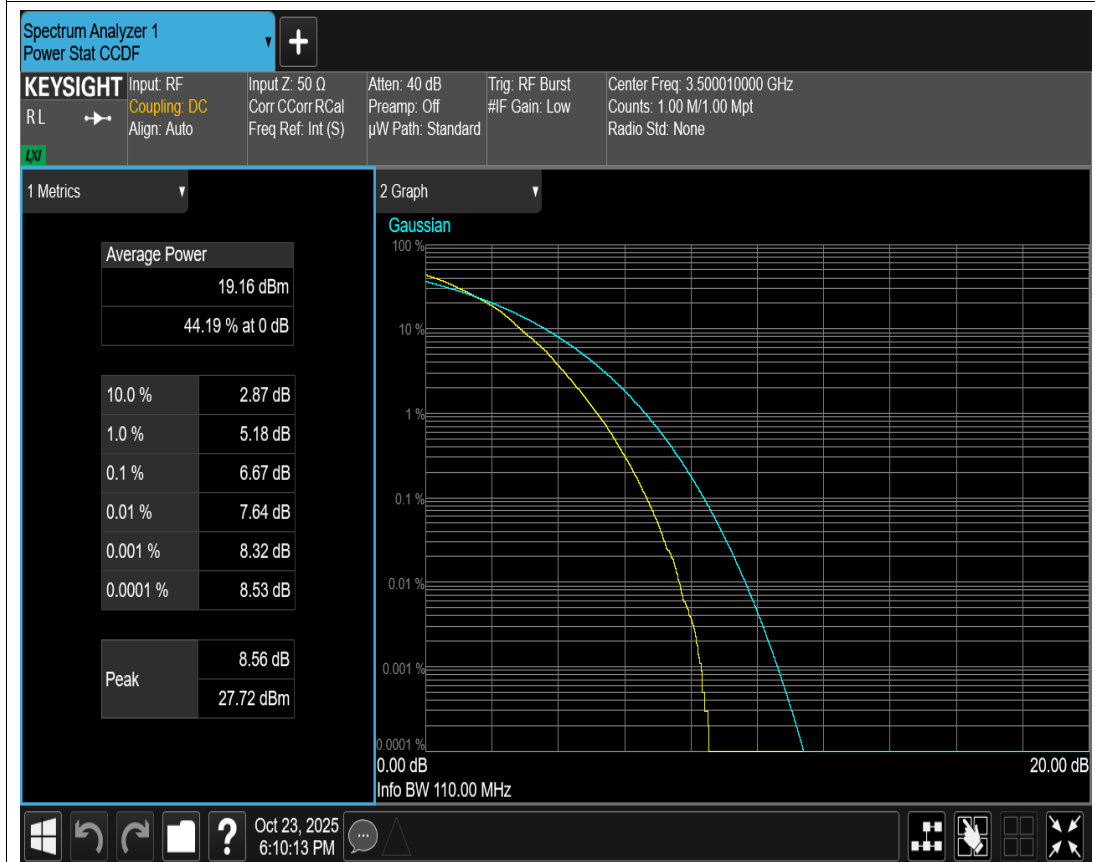
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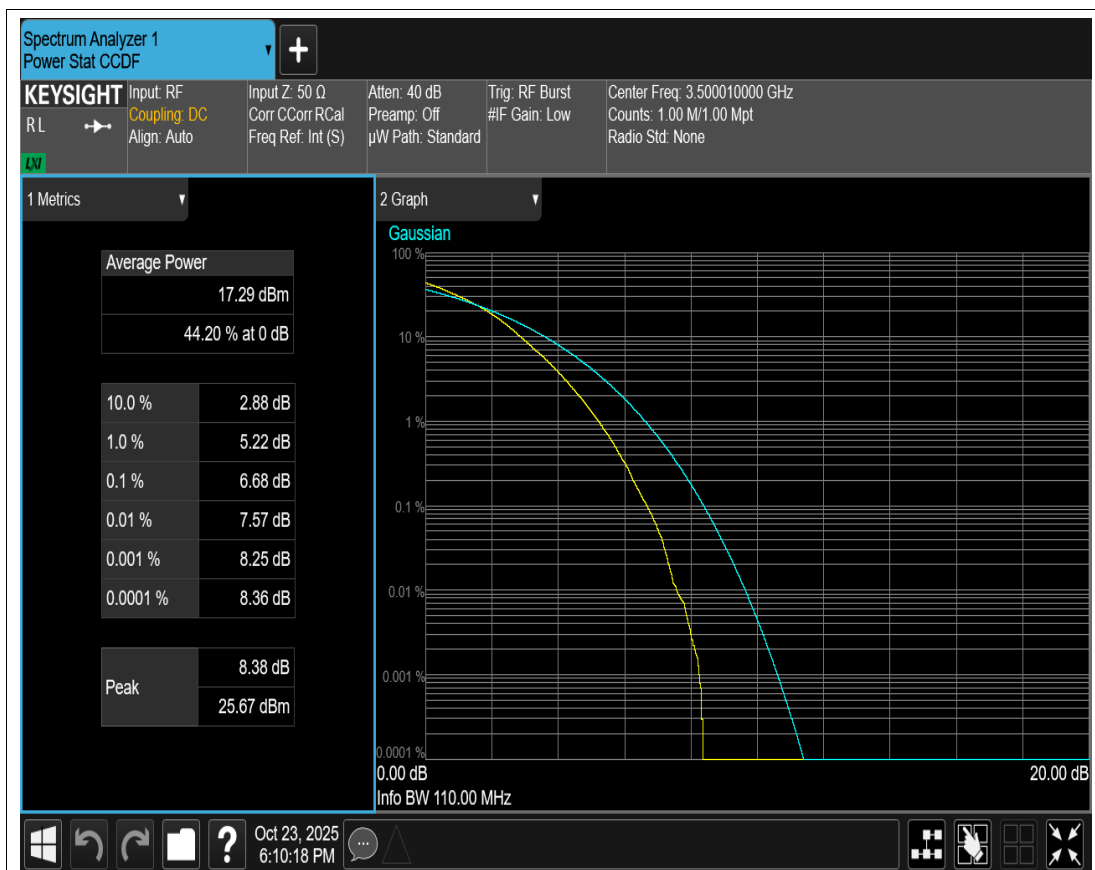
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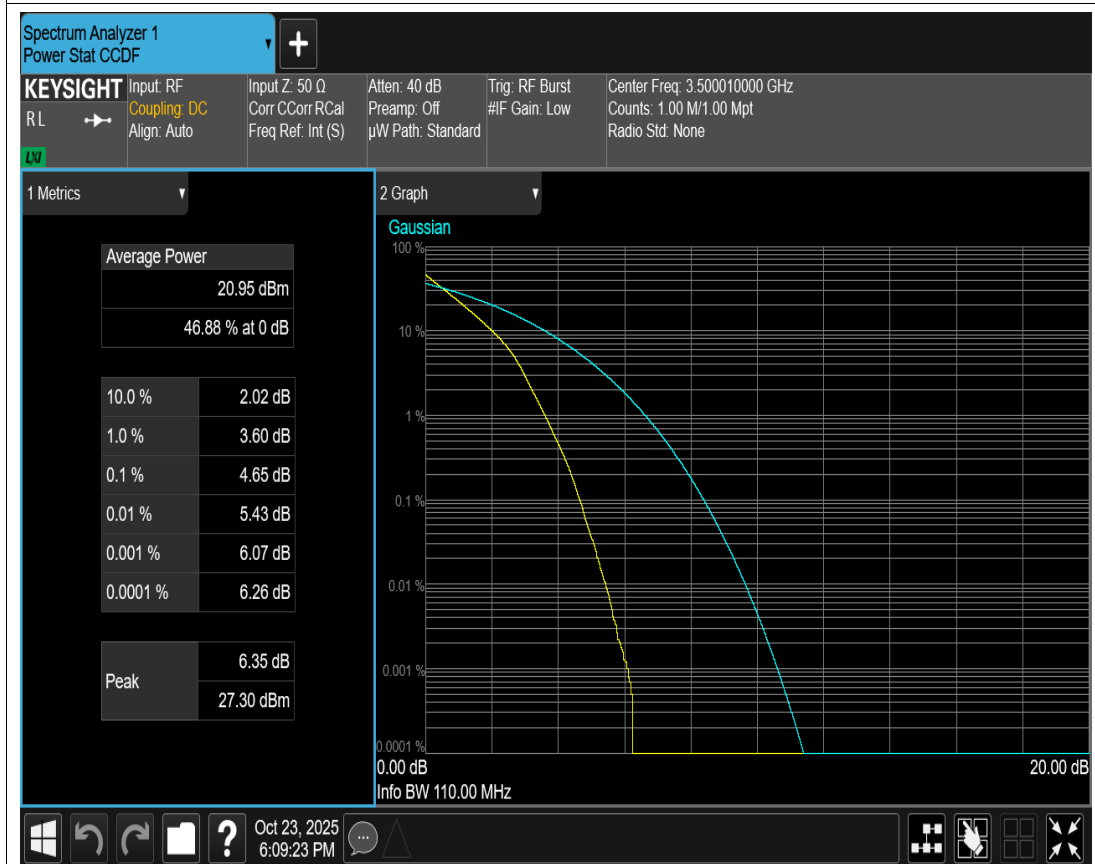
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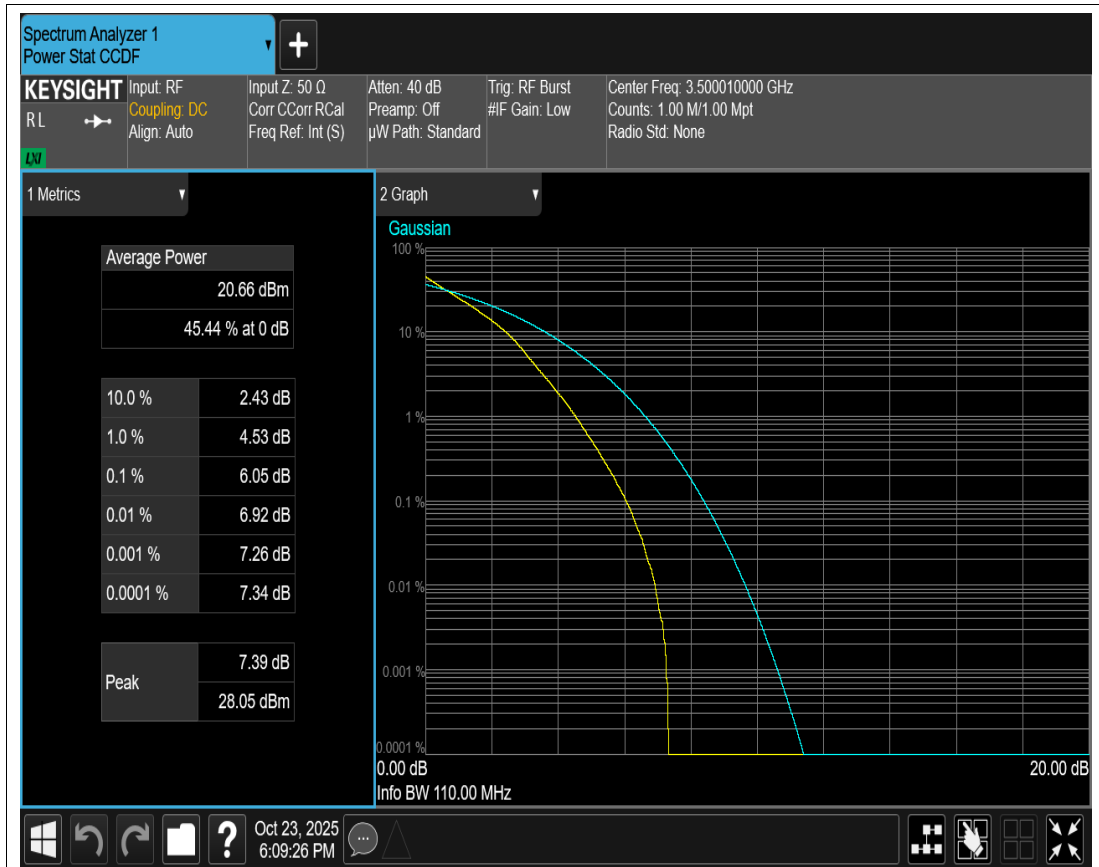
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n78(3450-3550) SCS=30kHz DFT\_256QAM BW=20MHz Channel=633334 RB=50@0



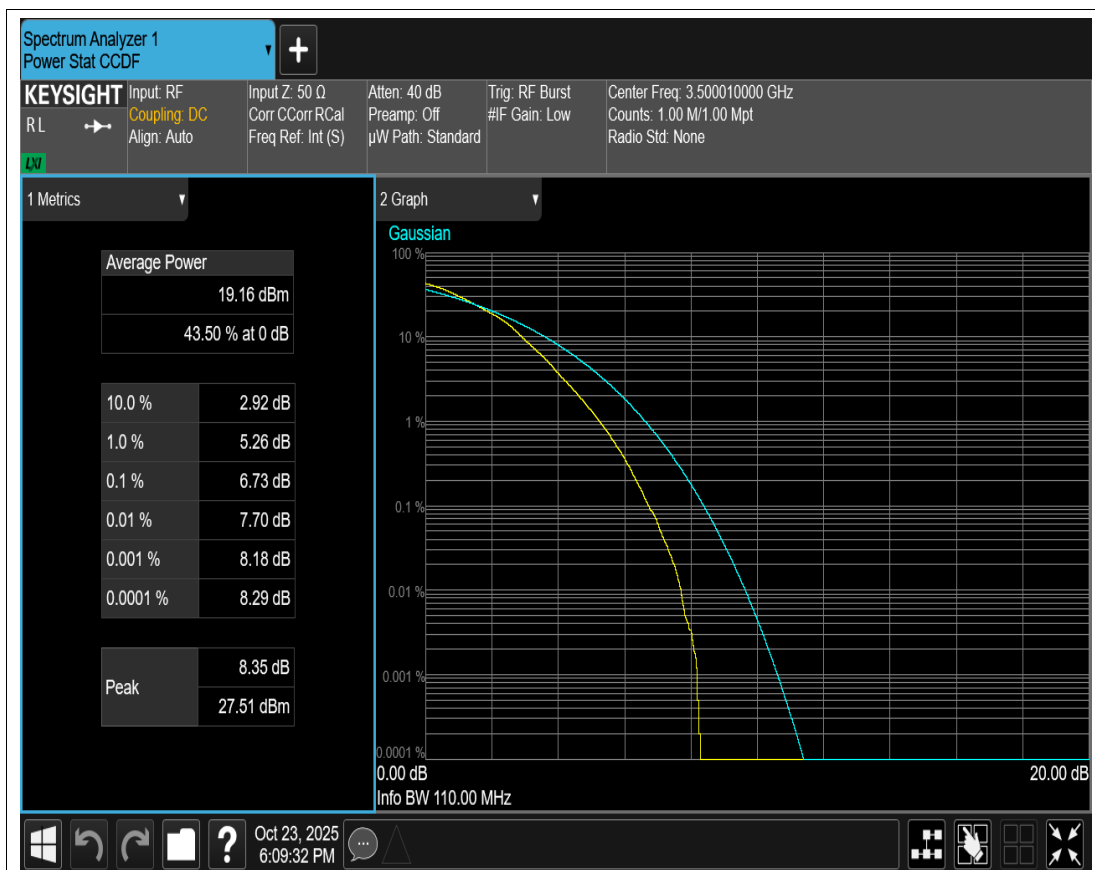
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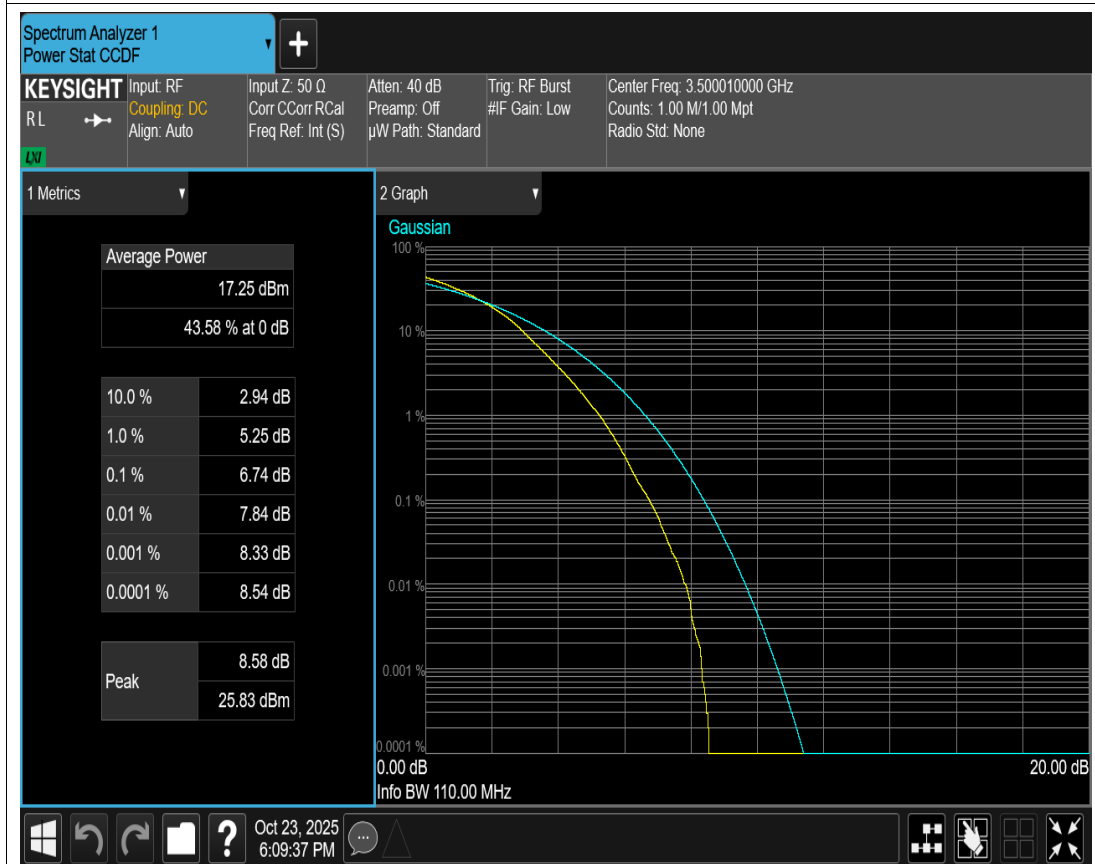
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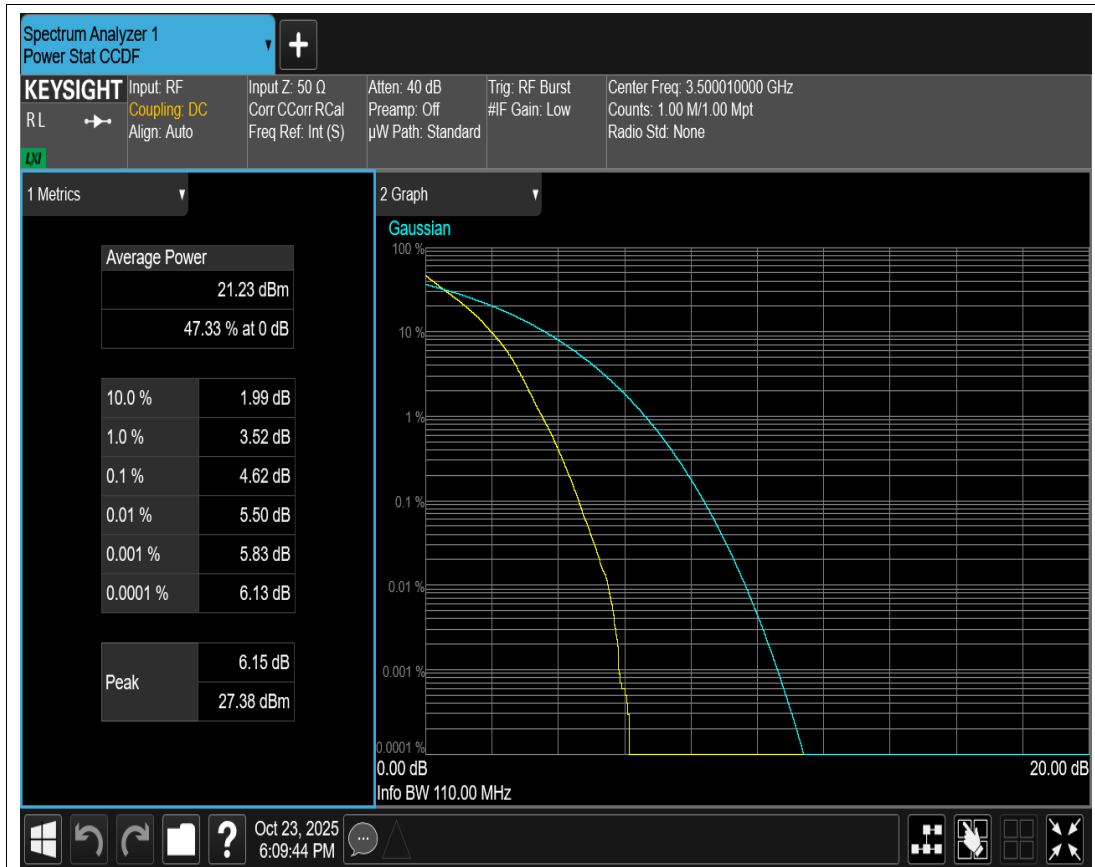
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n78(3450-3550) SCS=30kHz DFT\_64QAM BW=10MHz Channel=633334 RB=24@0



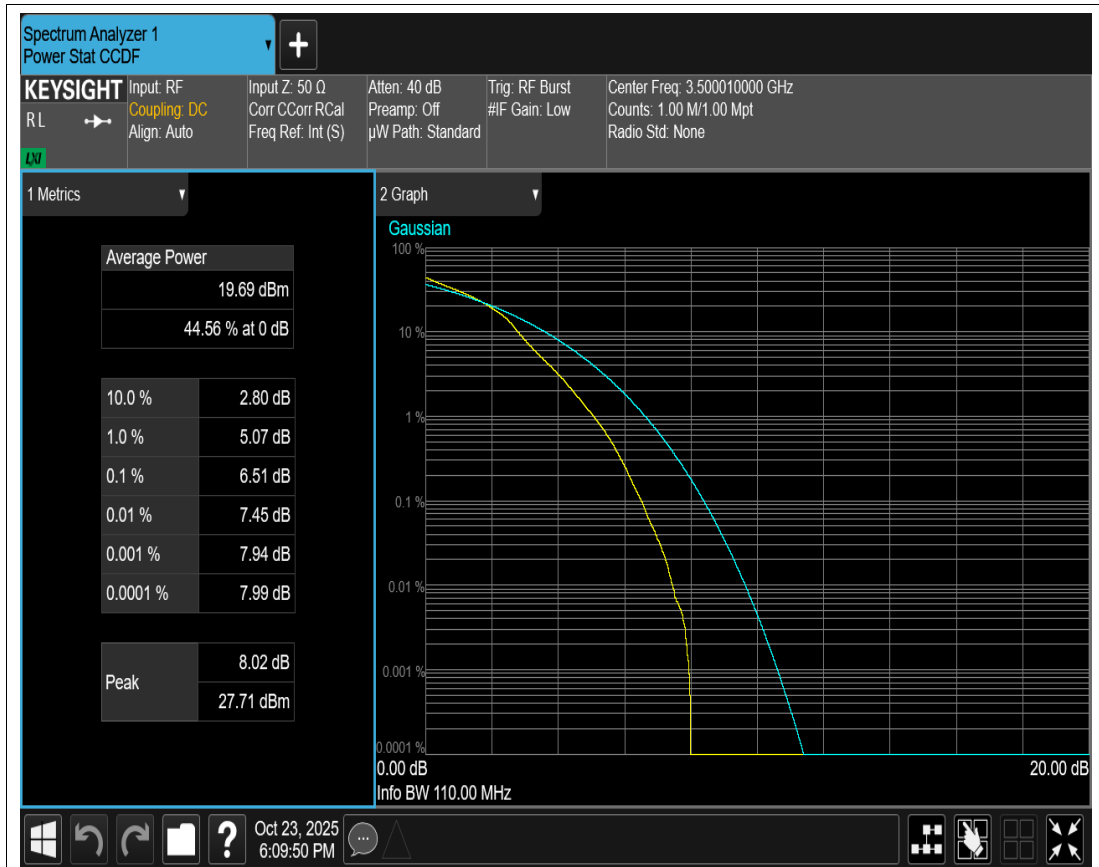
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n78(3450-3550) SCS=30kHz DFT\_BPSK BW=15MHz Channel=633334 RB=36@0



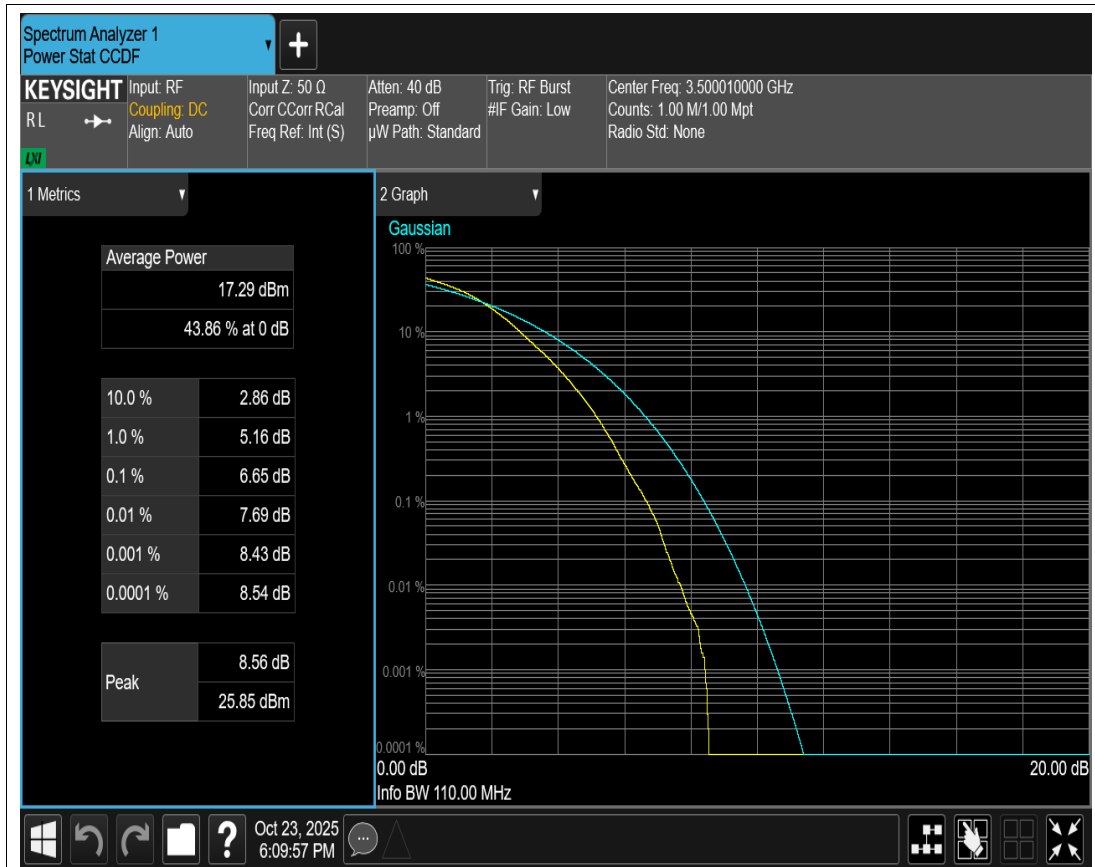
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n78(3450-3550) SCS=30kHz DFT\_16QAM BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_64QAM BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_256QAM BW=15MHz Channel=633334 RB=36@0



n78(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0