

|     |    |    |        |       |            |       |      |       |       |      |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 40 | 534000 | 106@0 | CP_QPSK    | 19.26 | -3.6 | 15.66 | 36.81 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 53@26 | CP_QPSK    | 20.62 | -3.6 | 17.02 | 50.35 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QPSK    | 19.93 | -3.6 | 16.33 | 42.95 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QPSK    | 20.12 | -3.6 | 16.52 | 44.87 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 106@0 | CP_QAM16   | 18.91 | -3.6 | 15.31 | 33.96 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 53@26 | CP_QAM16   | 20.09 | -3.6 | 16.49 | 44.57 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QAM16   | 19.32 | -3.6 | 15.72 | 37.33 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QAM16   | 19.54 | -3.6 | 15.94 | 39.26 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 106@0 | CP_QAM64   | 18.4  | -3.6 | 14.8  | 30.2  | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 53@26 | CP_QAM64   | 18.61 | -3.6 | 15.01 | 31.7  | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QAM64   | 18.17 | -3.6 | 14.57 | 28.64 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QAM64   | 18.39 | -3.6 | 14.79 | 30.13 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 106@0 | CP_QAM256  | 15.38 | -3.6 | 11.78 | 15.07 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 53@26 | CP_QAM256  | 15.59 | -3.6 | 11.99 | 15.81 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@1   | CP_QAM256  | 14.6  | -3.6 | 11    | 12.59 | 2000 | PASS |
| n41 | 30 | 40 | 534000 | 1@104 | CP_QAM256  | 14.9  | -3.6 | 11.3  | 13.49 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_BPSK   | 21.74 | -3.6 | 18.14 | 65.16 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_BPSK   | 22.07 | -3.6 | 18.47 | 70.31 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_BPSK   | 21.93 | -3.6 | 18.33 | 68.08 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_BPSK   | 21.77 | -3.6 | 18.17 | 65.61 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QPSK   | 21.01 | -3.6 | 17.41 | 55.08 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QPSK   | 22.09 | -3.6 | 18.49 | 70.63 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QPSK   | 21.99 | -3.6 | 18.39 | 69.02 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QPSK   | 21.8  | -3.6 | 18.2  | 66.07 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QAM16  | 20.02 | -3.6 | 16.42 | 43.85 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QAM16  | 21.09 | -3.6 | 17.49 | 56.1  | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QAM16  | 20.93 | -3.6 | 17.33 | 54.08 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QAM16  | 20.77 | -3.6 | 17.17 | 52.12 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QAM64  | 19.53 | -3.6 | 15.93 | 39.17 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QAM64  | 19.58 | -3.6 | 15.98 | 39.63 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QAM64  | 19.27 | -3.6 | 15.67 | 36.9  | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QAM64  | 19.09 | -3.6 | 15.49 | 35.4  | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 128@0 | DFT_QAM256 | 17.23 | -3.6 | 13.63 | 23.07 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 64@32 | DFT_QAM256 | 17.42 | -3.6 | 13.82 | 24.1  | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | DFT_QAM256 | 16.88 | -3.6 | 13.28 | 21.28 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | DFT_QAM256 | 16.79 | -3.6 | 13.19 | 20.84 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QPSK    | 19.25 | -3.6 | 15.65 | 36.73 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 67@33 | CP_QPSK    | 20.6  | -3.6 | 17    | 50.12 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QPSK    | 20.41 | -3.6 | 16.81 | 47.97 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QPSK    | 20.23 | -3.6 | 16.63 | 46.03 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QAM16   | 18.98 | -3.6 | 15.38 | 34.51 | 2000 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 50 | 504204 | 67@33 | CP_QAM16   | 20.11 | -3.6 | 16.51 | 44.77 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QAM16   | 19.83 | -3.6 | 16.23 | 41.98 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QAM16   | 19.63 | -3.6 | 16.03 | 40.09 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QAM64   | 18.5  | -3.6 | 14.9  | 30.9  | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 67@33 | CP_QAM64   | 18.57 | -3.6 | 14.97 | 31.41 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QAM64   | 18.55 | -3.6 | 14.95 | 31.26 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QAM64   | 18.3  | -3.6 | 14.7  | 29.51 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 133@0 | CP_QAM256  | 15.45 | -3.6 | 11.85 | 15.31 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 67@33 | CP_QAM256  | 15.52 | -3.6 | 11.92 | 15.56 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@1   | CP_QAM256  | 15.25 | -3.6 | 11.65 | 14.62 | 2000 | PASS |
| n41 | 30 | 50 | 504204 | 1@131 | CP_QAM256  | 15.02 | -3.6 | 11.42 | 13.87 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_BPSK   | 21.36 | -3.6 | 17.76 | 59.7  | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_BPSK   | 21.93 | -3.6 | 18.33 | 68.08 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_BPSK   | 21.76 | -3.6 | 18.16 | 65.46 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_BPSK   | 21.64 | -3.6 | 18.04 | 63.68 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QPSK   | 20.84 | -3.6 | 17.24 | 52.97 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QPSK   | 21.97 | -3.6 | 18.37 | 68.71 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QPSK   | 21.8  | -3.6 | 18.2  | 66.07 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QPSK   | 21.68 | -3.6 | 18.08 | 64.27 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM16  | 19.86 | -3.6 | 16.26 | 42.27 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QAM16  | 20.96 | -3.6 | 17.36 | 54.45 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QAM16  | 20.77 | -3.6 | 17.17 | 52.12 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QAM16  | 20.62 | -3.6 | 17.02 | 50.35 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM64  | 19.28 | -3.6 | 15.68 | 36.98 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QAM64  | 19.4  | -3.6 | 15.8  | 38.02 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QAM64  | 19.08 | -3.6 | 15.48 | 35.32 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QAM64  | 18.98 | -3.6 | 15.38 | 34.51 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 128@0 | DFT_QAM256 | 17.34 | -3.6 | 13.74 | 23.66 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 64@32 | DFT_QAM256 | 17.44 | -3.6 | 13.84 | 24.21 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | DFT_QAM256 | 16.82 | -3.6 | 13.22 | 20.99 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | DFT_QAM256 | 16.76 | -3.6 | 13.16 | 20.7  | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QPSK    | 18.77 | -3.6 | 15.17 | 32.89 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 67@33 | CP_QPSK    | 20.46 | -3.6 | 16.86 | 48.53 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | CP_QPSK    | 20.25 | -3.6 | 16.65 | 46.24 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QPSK    | 20.13 | -3.6 | 16.53 | 44.98 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QAM16   | 18.78 | -3.6 | 15.18 | 32.96 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 67@33 | CP_QAM16   | 19.92 | -3.6 | 16.32 | 42.85 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | CP_QAM16   | 19.61 | -3.6 | 16.01 | 39.9  | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QAM16   | 19.54 | -3.6 | 15.94 | 39.26 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QAM64   | 18.3  | -3.6 | 14.7  | 29.51 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 67@33 | CP_QAM64   | 18.44 | -3.6 | 14.84 | 30.48 | 2000 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 50 | 518598 | 1@1   | CP_QAM64   | 18.31 | -3.6 | 14.71 | 29.58 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QAM64   | 18.27 | -3.6 | 14.67 | 29.31 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 133@0 | CP_QAM256  | 15.26 | -3.6 | 11.66 | 14.66 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 67@33 | CP_QAM256  | 15.34 | -3.6 | 11.74 | 14.93 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@1   | CP_QAM256  | 14.88 | -3.6 | 11.28 | 13.43 | 2000 | PASS |
| n41 | 30 | 50 | 518598 | 1@131 | CP_QAM256  | 14.77 | -3.6 | 11.17 | 13.09 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_BPSK   | 21.86 | -3.6 | 18.26 | 66.99 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_BPSK   | 22.17 | -3.6 | 18.57 | 71.94 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_BPSK   | 21.73 | -3.6 | 18.13 | 65.01 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_BPSK   | 21.87 | -3.6 | 18.27 | 67.14 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QPSK   | 20.99 | -3.6 | 17.39 | 54.83 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QPSK   | 22.15 | -3.6 | 18.55 | 71.61 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QPSK   | 21.74 | -3.6 | 18.14 | 65.16 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QPSK   | 21.97 | -3.6 | 18.37 | 68.71 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM16  | 20.01 | -3.6 | 16.41 | 43.75 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QAM16  | 21.12 | -3.6 | 17.52 | 56.49 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QAM16  | 20.7  | -3.6 | 17.1  | 51.29 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QAM16  | 20.96 | -3.6 | 17.36 | 54.45 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM64  | 19.52 | -3.6 | 15.92 | 39.08 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QAM64  | 19.62 | -3.6 | 16.02 | 39.99 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QAM64  | 19.04 | -3.6 | 15.44 | 34.99 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QAM64  | 19.27 | -3.6 | 15.67 | 36.9  | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 128@0 | DFT_QAM256 | 16.24 | -3.6 | 12.64 | 18.37 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 64@32 | DFT_QAM256 | 16.55 | -3.6 | 12.95 | 19.72 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | DFT_QAM256 | 16.24 | -3.6 | 12.64 | 18.37 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | DFT_QAM256 | 15.36 | -3.6 | 11.76 | 15    | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QPSK    | 20.13 | -3.6 | 16.53 | 44.98 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QPSK    | 20.64 | -3.6 | 17.04 | 50.58 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QPSK    | 20.21 | -3.6 | 16.61 | 45.81 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | CP_QPSK    | 20.42 | -3.6 | 16.82 | 48.08 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QAM16   | 18.97 | -3.6 | 15.37 | 34.43 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QAM16   | 20.11 | -3.6 | 16.51 | 44.77 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QAM16   | 19.6  | -3.6 | 16    | 39.81 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | CP_QAM16   | 19.81 | -3.6 | 16.21 | 41.78 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QAM64   | 18.44 | -3.6 | 14.84 | 30.48 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QAM64   | 18.6  | -3.6 | 15    | 31.62 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QAM64   | 18.38 | -3.6 | 14.78 | 30.06 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@131 | CP_QAM64   | 18.54 | -3.6 | 14.94 | 31.19 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 133@0 | CP_QAM256  | 15.48 | -3.6 | 11.88 | 15.42 | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 67@33 | CP_QAM256  | 15.56 | -3.6 | 11.96 | 15.7  | 2000 | PASS |
| n41 | 30 | 50 | 532998 | 1@1   | CP_QAM256  | 14.86 | -3.6 | 11.26 | 13.37 | 2000 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 50 | 532998 | 1@131 | CP_QAM256  | 15.09 | -3.6 | 11.49 | 14.09 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_BPSK   | 21.72 | -3.6 | 18.12 | 64.86 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_BPSK   | 22.04 | -3.6 | 18.44 | 69.82 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_BPSK   | 21.7  | -3.6 | 18.1  | 64.57 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_BPSK   | 21.57 | -3.6 | 17.97 | 62.66 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QPSK   | 20.94 | -3.6 | 17.34 | 54.2  | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QPSK   | 22.05 | -3.6 | 18.45 | 69.98 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QPSK   | 21.79 | -3.6 | 18.19 | 65.92 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QPSK   | 21.64 | -3.6 | 18.04 | 63.68 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM16  | 19.92 | -3.6 | 16.32 | 42.85 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QAM16  | 21.05 | -3.6 | 17.45 | 55.59 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QAM16  | 20.75 | -3.6 | 17.15 | 51.88 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QAM16  | 20.62 | -3.6 | 17.02 | 50.35 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM64  | 19.43 | -3.6 | 15.83 | 38.28 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QAM64  | 19.53 | -3.6 | 15.93 | 39.17 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QAM64  | 19.13 | -3.6 | 15.53 | 35.73 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QAM64  | 19.01 | -3.6 | 15.41 | 34.75 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | DFT_QAM256 | 16.23 | -3.6 | 12.63 | 18.32 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | DFT_QAM256 | 16.11 | -3.6 | 12.51 | 17.82 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | DFT_QAM256 | 15.96 | -3.6 | 12.36 | 17.22 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | DFT_QAM256 | 15    | -3.6 | 11.4  | 13.8  | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QPSK    | 20.11 | -3.6 | 16.51 | 44.77 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | CP_QPSK    | 20.48 | -3.6 | 16.88 | 48.75 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QPSK    | 20.22 | -3.6 | 16.62 | 45.92 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QPSK    | 20.06 | -3.6 | 16.46 | 44.26 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QAM16   | 18.86 | -3.6 | 15.26 | 33.57 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | CP_QAM16   | 20.05 | -3.6 | 16.45 | 44.16 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QAM16   | 19.63 | -3.6 | 16.03 | 40.09 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QAM16   | 19.47 | -3.6 | 15.87 | 38.64 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QAM64   | 18.38 | -3.6 | 14.78 | 30.06 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | CP_QAM64   | 18.51 | -3.6 | 14.91 | 30.97 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QAM64   | 18.36 | -3.6 | 14.76 | 29.92 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QAM64   | 18.15 | -3.6 | 14.55 | 28.51 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 162@0 | CP_QAM256  | 15.37 | -3.6 | 11.77 | 15.03 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 81@40 | CP_QAM256  | 15.45 | -3.6 | 11.85 | 15.31 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@1   | CP_QAM256  | 14.88 | -3.6 | 11.28 | 13.43 | 2000 | PASS |
| n41 | 30 | 60 | 505200 | 1@160 | CP_QAM256  | 14.73 | -3.6 | 11.13 | 12.97 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_BPSK   | 21.53 | -3.6 | 17.93 | 62.09 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_BPSK   | 21.96 | -3.6 | 18.36 | 68.55 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_BPSK   | 21.6  | -3.6 | 18    | 63.1  | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_BPSK   | 21.55 | -3.6 | 17.95 | 62.37 | 2000 | PASS |

|     |    |    |        |       |            |       |      |       |       |      |      |
|-----|----|----|--------|-------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QPSK   | 20.79 | -3.6 | 17.19 | 52.36 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QPSK   | 21.96 | -3.6 | 18.36 | 68.55 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QPSK   | 21.64 | -3.6 | 18.04 | 63.68 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QPSK   | 21.54 | -3.6 | 17.94 | 62.23 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM16  | 19.76 | -3.6 | 16.16 | 41.3  | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QAM16  | 20.96 | -3.6 | 17.36 | 54.45 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QAM16  | 20.53 | -3.6 | 16.93 | 49.32 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QAM16  | 20.49 | -3.6 | 16.89 | 48.87 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM64  | 19.27 | -3.6 | 15.67 | 36.9  | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QAM64  | 19.37 | -3.6 | 15.77 | 37.76 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QAM64  | 19.01 | -3.6 | 15.41 | 34.75 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QAM64  | 18.89 | -3.6 | 15.29 | 33.81 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | DFT_QAM256 | 17.25 | -3.6 | 13.65 | 23.17 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | DFT_QAM256 | 17.38 | -3.6 | 13.78 | 23.88 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | DFT_QAM256 | 16.87 | -3.6 | 13.27 | 21.23 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | DFT_QAM256 | 16.82 | -3.6 | 13.22 | 20.99 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QPSK    | 19.36 | -3.6 | 15.76 | 37.67 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | CP_QPSK    | 19.92 | -3.6 | 16.32 | 42.85 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QPSK    | 19.85 | -3.6 | 16.25 | 42.17 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QPSK    | 19.43 | -3.6 | 15.83 | 38.28 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QAM16   | 19.62 | -3.6 | 16.02 | 39.99 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | CP_QAM16   | 19.91 | -3.6 | 16.31 | 42.76 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QAM16   | 19.63 | -3.6 | 16.03 | 40.09 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QAM16   | 19.58 | -3.6 | 15.98 | 39.63 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QAM64   | 18.19 | -3.6 | 14.59 | 28.77 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | CP_QAM64   | 18.39 | -3.6 | 14.79 | 30.13 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QAM64   | 18.24 | -3.6 | 14.64 | 29.11 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QAM64   | 18.2  | -3.6 | 14.6  | 28.84 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 162@0 | CP_QAM256  | 15.18 | -3.6 | 11.58 | 14.39 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 81@40 | CP_QAM256  | 15.35 | -3.6 | 11.75 | 14.96 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@1   | CP_QAM256  | 14.75 | -3.6 | 11.15 | 13.03 | 2000 | PASS |
| n41 | 30 | 60 | 518598 | 1@160 | CP_QAM256  | 14.71 | -3.6 | 11.11 | 12.91 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_BPSK   | 21.69 | -3.6 | 18.09 | 64.42 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_BPSK   | 22.08 | -3.6 | 18.48 | 70.47 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_BPSK   | 21.53 | -3.6 | 17.93 | 62.09 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_BPSK   | 21.7  | -3.6 | 18.1  | 64.57 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QPSK   | 20.95 | -3.6 | 17.35 | 54.33 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40 | DFT_QPSK   | 22.08 | -3.6 | 18.48 | 70.47 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1   | DFT_QPSK   | 21.57 | -3.6 | 17.97 | 62.66 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160 | DFT_QPSK   | 21.79 | -3.6 | 18.19 | 65.92 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0 | DFT_QAM16  | 19.94 | -3.6 | 16.34 | 43.05 | 2000 | PASS |

|     |    |    |        |        |            |       |      |       |       |      |      |
|-----|----|----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 60 | 531996 | 81@40  | DFT_QAM16  | 21.04 | -3.6 | 17.44 | 55.46 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_QAM16  | 20.53 | -3.6 | 16.93 | 49.32 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_QAM16  | 20.77 | -3.6 | 17.17 | 52.12 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_QAM64  | 19.4  | -3.6 | 15.8  | 38.02 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_QAM64  | 19.51 | -3.6 | 15.91 | 38.99 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_QAM64  | 18.88 | -3.6 | 15.28 | 33.73 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_QAM64  | 19.11 | -3.6 | 15.51 | 35.56 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | DFT_QAM256 | 15.13 | -3.6 | 11.53 | 14.22 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | DFT_QAM256 | 15.63 | -3.6 | 12.03 | 15.96 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | DFT_QAM256 | 15.44 | -3.6 | 11.84 | 15.28 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | DFT_QAM256 | 15.03 | -3.6 | 11.43 | 13.9  | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | CP_QPSK    | 20.18 | -3.6 | 16.58 | 45.5  | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | CP_QPSK    | 20.51 | -3.6 | 16.91 | 49.09 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | CP_QPSK    | 20.02 | -3.6 | 16.42 | 43.85 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | CP_QPSK    | 20.21 | -3.6 | 16.61 | 45.81 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | CP_QAM16   | 18.85 | -3.6 | 15.25 | 33.5  | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | CP_QAM16   | 20.04 | -3.6 | 16.44 | 44.06 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | CP_QAM16   | 19.41 | -3.6 | 15.81 | 38.11 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | CP_QAM16   | 19.56 | -3.6 | 15.96 | 39.45 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | CP_QAM64   | 18.37 | -3.6 | 14.77 | 29.99 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | CP_QAM64   | 18.53 | -3.6 | 14.93 | 31.12 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | CP_QAM64   | 18.13 | -3.6 | 14.53 | 28.38 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | CP_QAM64   | 18.34 | -3.6 | 14.74 | 29.79 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 162@0  | CP_QAM256  | 15.29 | -3.6 | 11.69 | 14.76 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 81@40  | CP_QAM256  | 15.42 | -3.6 | 11.82 | 15.21 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@1    | CP_QAM256  | 14.66 | -3.6 | 11.06 | 12.76 | 2000 | PASS |
| n41 | 30 | 60 | 531996 | 1@160  | CP_QAM256  | 14.93 | -3.6 | 11.33 | 13.58 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_BPSK   | 21.67 | -3.6 | 18.07 | 64.12 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_BPSK   | 22.04 | -3.6 | 18.44 | 69.82 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_BPSK   | 21.53 | -3.6 | 17.93 | 62.09 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_BPSK   | 21.33 | -3.6 | 17.73 | 59.29 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QPSK   | 20.89 | -3.6 | 17.29 | 53.58 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QPSK   | 22.04 | -3.6 | 18.44 | 69.82 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QPSK   | 21.53 | -3.6 | 17.93 | 62.09 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QPSK   | 21.38 | -3.6 | 17.78 | 59.98 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QAM16  | 19.9  | -3.6 | 16.3  | 42.66 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QAM16  | 20.98 | -3.6 | 17.38 | 54.7  | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QAM16  | 20.49 | -3.6 | 16.89 | 48.87 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QAM16  | 20.34 | -3.6 | 16.74 | 47.21 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QAM64  | 19.39 | -3.6 | 15.79 | 37.93 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QAM64  | 19.51 | -3.6 | 15.91 | 38.99 | 2000 | PASS |

|     |    |    |        |        |            |       |      |       |       |      |      |
|-----|----|----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QAM64  | 18.83 | -3.6 | 15.23 | 33.34 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QAM64  | 18.68 | -3.6 | 15.08 | 32.21 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 216@0  | DFT_QAM256 | 15.36 | -3.6 | 11.76 | 15    | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 108@54 | DFT_QAM256 | 15.44 | -3.6 | 11.84 | 15.28 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | DFT_QAM256 | 14.89 | -3.6 | 11.29 | 13.46 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | DFT_QAM256 | 15.03 | -3.6 | 11.43 | 13.9  | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QPSK    | 19.69 | -3.6 | 16.09 | 40.64 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QPSK    | 19.99 | -3.6 | 16.39 | 43.55 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QPSK    | 19.45 | -3.6 | 15.85 | 38.46 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QPSK    | 19.58 | -3.6 | 15.98 | 39.63 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QAM16   | 19.54 | -3.6 | 15.94 | 39.26 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QAM16   | 19.99 | -3.6 | 16.39 | 43.55 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QAM16   | 19.5  | -3.6 | 15.9  | 38.9  | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QAM16   | 19.26 | -3.6 | 15.66 | 36.81 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QAM64   | 18.34 | -3.6 | 14.74 | 29.79 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QAM64   | 18.49 | -3.6 | 14.89 | 30.83 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QAM64   | 18.18 | -3.6 | 14.58 | 28.71 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QAM64   | 17.94 | -3.6 | 14.34 | 27.16 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 217@0  | CP_QAM256  | 15.27 | -3.6 | 11.67 | 14.69 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 109@54 | CP_QAM256  | 15.43 | -3.6 | 11.83 | 15.24 | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@1    | CP_QAM256  | 14.57 | -3.6 | 10.97 | 12.5  | 2000 | PASS |
| n41 | 30 | 80 | 507204 | 1@215  | CP_QAM256  | 14.44 | -3.6 | 10.84 | 12.13 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_BPSK   | 21.37 | -3.6 | 17.77 | 59.84 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_BPSK   | 21.88 | -3.6 | 18.28 | 67.3  | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_BPSK   | 21.38 | -3.6 | 17.78 | 59.98 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_BPSK   | 21.51 | -3.6 | 17.91 | 61.8  | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QPSK   | 20.78 | -3.6 | 17.18 | 52.24 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QPSK   | 21.92 | -3.6 | 18.32 | 67.92 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QPSK   | 21.41 | -3.6 | 17.81 | 60.39 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QPSK   | 21.54 | -3.6 | 17.94 | 62.23 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QAM16  | 19.8  | -3.6 | 16.2  | 41.69 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QAM16  | 20.92 | -3.6 | 17.32 | 53.95 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QAM16  | 20.27 | -3.6 | 16.67 | 46.45 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QAM16  | 20.33 | -3.6 | 16.73 | 47.1  | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QAM64  | 19.26 | -3.6 | 15.66 | 36.81 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QAM64  | 19.35 | -3.6 | 15.75 | 37.58 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QAM64  | 18.75 | -3.6 | 15.15 | 32.73 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QAM64  | 18.84 | -3.6 | 15.24 | 33.42 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 216@0  | DFT_QAM256 | 15.36 | -3.6 | 11.76 | 15    | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 108@54 | DFT_QAM256 | 15.21 | -3.6 | 11.61 | 14.49 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | DFT_QAM256 | 14.89 | -3.6 | 11.29 | 13.46 | 2000 | PASS |

|     |    |    |        |        |            |       |      |       |       |      |      |
|-----|----|----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 80 | 518598 | 1@215  | DFT_QAM256 | 14.77 | -3.6 | 11.17 | 13.09 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QPSK    | 20.37 | -3.6 | 16.77 | 47.53 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 109@54 | CP_QPSK    | 20.44 | -3.6 | 16.84 | 48.31 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QPSK    | 19.88 | -3.6 | 16.28 | 42.46 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QPSK    | 20    | -3.6 | 16.4  | 43.65 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QAM16   | 18.69 | -3.6 | 15.09 | 32.28 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 109@54 | CP_QAM16   | 19.86 | -3.6 | 16.26 | 42.27 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QAM16   | 19.29 | -3.6 | 15.69 | 37.07 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QAM16   | 19.43 | -3.6 | 15.83 | 38.28 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QAM64   | 18.23 | -3.6 | 14.63 | 29.04 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 109@54 | CP_QAM64   | 18.36 | -3.6 | 14.76 | 29.92 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QAM64   | 18.04 | -3.6 | 14.44 | 27.8  | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QAM64   | 18.19 | -3.6 | 14.59 | 28.77 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 217@0  | CP_QAM256  | 15.18 | -3.6 | 11.58 | 14.39 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 109@54 | CP_QAM256  | 15.31 | -3.6 | 11.71 | 14.83 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@1    | CP_QAM256  | 14.47 | -3.6 | 10.87 | 12.22 | 2000 | PASS |
| n41 | 30 | 80 | 518598 | 1@215  | CP_QAM256  | 14.56 | -3.6 | 10.96 | 12.47 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_BPSK   | 21.75 | -3.6 | 18.15 | 65.31 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_BPSK   | 22.11 | -3.6 | 18.51 | 70.96 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_BPSK   | 21.18 | -3.6 | 17.58 | 57.28 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_BPSK   | 21.62 | -3.6 | 18.02 | 63.39 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QPSK   | 20.96 | -3.6 | 17.36 | 54.45 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QPSK   | 22.11 | -3.6 | 18.51 | 70.96 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QPSK   | 21.21 | -3.6 | 17.61 | 57.68 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QPSK   | 21.69 | -3.6 | 18.09 | 64.42 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QAM16  | 20    | -3.6 | 16.4  | 43.65 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QAM16  | 21.09 | -3.6 | 17.49 | 56.1  | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QAM16  | 20.14 | -3.6 | 16.54 | 45.08 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QAM16  | 20.65 | -3.6 | 17.05 | 50.7  | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QAM64  | 19.46 | -3.6 | 15.86 | 38.55 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QAM64  | 19.62 | -3.6 | 16.02 | 39.99 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QAM64  | 18.53 | -3.6 | 14.93 | 31.12 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QAM64  | 19.07 | -3.6 | 15.47 | 35.24 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 216@0  | DFT_QAM256 | 15.69 | -3.6 | 12.09 | 16.18 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 108@54 | DFT_QAM256 | 15.33 | -3.6 | 11.73 | 14.89 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | DFT_QAM256 | 15.01 | -3.6 | 11.41 | 13.84 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | DFT_QAM256 | 14.72 | -3.6 | 11.12 | 12.94 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 217@0  | CP_QPSK    | 18.88 | -3.6 | 15.28 | 33.73 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QPSK    | 20.54 | -3.6 | 16.94 | 49.43 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QPSK    | 19.68 | -3.6 | 16.08 | 40.55 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QPSK    | 20.12 | -3.6 | 16.52 | 44.87 | 2000 | PASS |

|     |    |    |        |        |            |       |      |       |       |      |      |
|-----|----|----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 80 | 529998 | 217@0  | CP_QAM16   | 18.84 | -3.6 | 15.24 | 33.42 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QAM16   | 20.06 | -3.6 | 16.46 | 44.26 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QAM16   | 19.07 | -3.6 | 15.47 | 35.24 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QAM16   | 19.6  | -3.6 | 16    | 39.81 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 217@0  | CP_QAM64   | 18.38 | -3.6 | 14.78 | 30.06 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QAM64   | 18.54 | -3.6 | 14.94 | 31.19 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QAM64   | 17.83 | -3.6 | 14.23 | 26.49 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QAM64   | 18.36 | -3.6 | 14.76 | 29.92 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 217@0  | CP_QAM256  | 15.33 | -3.6 | 11.73 | 14.89 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 109@54 | CP_QAM256  | 15.54 | -3.6 | 11.94 | 15.63 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@1    | CP_QAM256  | 14.25 | -3.6 | 10.65 | 11.61 | 2000 | PASS |
| n41 | 30 | 80 | 529998 | 1@215  | CP_QAM256  | 14.79 | -3.6 | 11.19 | 13.15 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_BPSK   | 21.62 | -3.6 | 18.02 | 63.39 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_BPSK   | 22.04 | -3.6 | 18.44 | 69.82 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_BPSK   | 21.38 | -3.6 | 17.78 | 59.98 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_BPSK   | 21.16 | -3.6 | 17.56 | 57.02 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QPSK   | 20.87 | -3.6 | 17.27 | 53.33 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QPSK   | 22.04 | -3.6 | 18.44 | 69.82 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QPSK   | 21.43 | -3.6 | 17.83 | 60.67 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QPSK   | 21.24 | -3.6 | 17.64 | 58.08 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QAM16  | 19.82 | -3.6 | 16.22 | 41.88 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QAM16  | 21.06 | -3.6 | 17.46 | 55.72 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QAM16  | 20.38 | -3.6 | 16.78 | 47.64 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QAM16  | 20.24 | -3.6 | 16.64 | 46.13 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QAM64  | 19.36 | -3.6 | 15.76 | 37.67 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QAM64  | 19.5  | -3.6 | 15.9  | 38.9  | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QAM64  | 18.68 | -3.6 | 15.08 | 32.21 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QAM64  | 18.52 | -3.6 | 14.92 | 31.05 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 240@0  | DFT_QAM256 | 17.29 | -3.6 | 13.69 | 23.39 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 120@60 | DFT_QAM256 | 17.48 | -3.6 | 13.88 | 24.43 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | DFT_QAM256 | 16.47 | -3.6 | 12.87 | 19.36 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | DFT_QAM256 | 16.27 | -3.6 | 12.67 | 18.49 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QPSK    | 19.93 | -3.6 | 16.33 | 42.95 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 123@61 | CP_QPSK    | 19.77 | -3.6 | 16.17 | 41.4  | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QPSK    | 19.55 | -3.6 | 15.95 | 39.36 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QPSK    | 19.67 | -3.6 | 16.07 | 40.46 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QAM16   | 18.8  | -3.6 | 15.2  | 33.11 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 123@61 | CP_QAM16   | 20    | -3.6 | 16.4  | 43.65 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QAM16   | 19.3  | -3.6 | 15.7  | 37.15 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QAM16   | 19.03 | -3.6 | 15.43 | 34.91 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QAM64   | 18.3  | -3.6 | 14.7  | 29.51 | 2000 | PASS |

|     |    |    |        |        |            |       |      |       |       |      |      |
|-----|----|----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 90 | 508200 | 123@61 | CP_QAM64   | 18.49 | -3.6 | 14.89 | 30.83 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QAM64   | 17.98 | -3.6 | 14.38 | 27.42 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QAM64   | 17.74 | -3.6 | 14.14 | 25.94 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 245@0  | CP_QAM256  | 15.24 | -3.6 | 11.64 | 14.59 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 123@61 | CP_QAM256  | 15.43 | -3.6 | 11.83 | 15.24 | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@1    | CP_QAM256  | 14.5  | -3.6 | 10.9  | 12.3  | 2000 | PASS |
| n41 | 30 | 90 | 508200 | 1@243  | CP_QAM256  | 14.24 | -3.6 | 10.64 | 11.59 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_BPSK   | 14.37 | -3.6 | 10.77 | 11.94 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_BPSK   | 21.93 | -3.6 | 18.33 | 68.08 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_BPSK   | 21.23 | -3.6 | 17.63 | 57.94 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_BPSK   | 21.31 | -3.6 | 17.71 | 59.02 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QPSK   | 20.77 | -3.6 | 17.17 | 52.12 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QPSK   | 21.92 | -3.6 | 18.32 | 67.92 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QPSK   | 21.24 | -3.6 | 17.64 | 58.08 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QPSK   | 21.34 | -3.6 | 17.74 | 59.43 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QAM16  | 19.74 | -3.6 | 16.14 | 41.11 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QAM16  | 20.88 | -3.6 | 17.28 | 53.46 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QAM16  | 20.14 | -3.6 | 16.54 | 45.08 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QAM16  | 20.29 | -3.6 | 16.69 | 46.67 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QAM64  | 19.21 | -3.6 | 15.61 | 36.39 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QAM64  | 19.35 | -3.6 | 15.75 | 37.58 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QAM64  | 18.59 | -3.6 | 14.99 | 31.55 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QAM64  | 18.7  | -3.6 | 15.1  | 32.36 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 240@0  | DFT_QAM256 | 19.45 | -3.6 | 15.85 | 38.46 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 120@60 | DFT_QAM256 | 19.96 | -3.6 | 16.36 | 43.25 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | DFT_QAM256 | 19.68 | -3.6 | 16.08 | 40.55 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | DFT_QAM256 | 19.77 | -3.6 | 16.17 | 41.4  | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QPSK    | 19.86 | -3.6 | 16.26 | 42.27 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 123@61 | CP_QPSK    | 20.35 | -3.6 | 16.75 | 47.32 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | CP_QPSK    | 19.76 | -3.6 | 16.16 | 41.3  | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | CP_QPSK    | 19.91 | -3.6 | 16.31 | 42.76 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QAM16   | 18.73 | -3.6 | 15.13 | 32.58 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 123@61 | CP_QAM16   | 19.85 | -3.6 | 16.25 | 42.17 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | CP_QAM16   | 19.22 | -3.6 | 15.62 | 36.48 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | CP_QAM16   | 19.28 | -3.6 | 15.68 | 36.98 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QAM64   | 18.15 | -3.6 | 14.55 | 28.51 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 123@61 | CP_QAM64   | 18.31 | -3.6 | 14.71 | 29.58 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@1    | CP_QAM64   | 17.82 | -3.6 | 14.22 | 26.42 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 1@243  | CP_QAM64   | 17.94 | -3.6 | 14.34 | 27.16 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 245@0  | CP_QAM256  | 15.12 | -3.6 | 11.52 | 14.19 | 2000 | PASS |
| n41 | 30 | 90 | 518598 | 123@61 | CP_QAM256  | 15.31 | -3.6 | 11.71 | 14.83 | 2000 | PASS |

|     |    |     |        |        |            |       |      |       |       |      |      |
|-----|----|-----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 90  | 518598 | 1@1    | CP_QAM256  | 14.37 | -3.6 | 10.77 | 11.94 | 2000 | PASS |
| n41 | 30 | 90  | 518598 | 1@243  | CP_QAM256  | 14.46 | -3.6 | 10.86 | 12.19 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 240@0  | DFT_BPSK   | 21.36 | -3.6 | 17.76 | 59.7  | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 120@60 | DFT_BPSK   | 22    | -3.6 | 18.4  | 69.18 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | DFT_BPSK   | 21.05 | -3.6 | 17.45 | 55.59 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | DFT_BPSK   | 21.42 | -3.6 | 17.82 | 60.53 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 240@0  | DFT_QPSK   | 20.8  | -3.6 | 17.2  | 52.48 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 120@60 | DFT_QPSK   | 22.02 | -3.6 | 18.42 | 69.5  | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | DFT_QPSK   | 21.11 | -3.6 | 17.51 | 56.36 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | DFT_QPSK   | 21.52 | -3.6 | 17.92 | 61.94 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 240@0  | DFT_QAM16  | 19.83 | -3.6 | 16.23 | 41.98 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 120@60 | DFT_QAM16  | 21.03 | -3.6 | 17.43 | 55.34 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | DFT_QAM16  | 20.13 | -3.6 | 16.53 | 44.98 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | DFT_QAM16  | 20.49 | -3.6 | 16.89 | 48.87 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 240@0  | DFT_QAM64  | 19.3  | -3.6 | 15.7  | 37.15 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 120@60 | DFT_QAM64  | 19.49 | -3.6 | 15.89 | 38.82 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | DFT_QAM64  | 18.5  | -3.6 | 14.9  | 30.9  | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | DFT_QAM64  | 18.83 | -3.6 | 15.23 | 33.34 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 240@0  | DFT_QAM256 | 15.36 | -3.6 | 11.76 | 15    | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 120@60 | DFT_QAM256 | 15.22 | -3.6 | 11.62 | 14.52 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | DFT_QAM256 | 14.75 | -3.6 | 11.15 | 13.03 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | DFT_QAM256 | 14.86 | -3.6 | 11.26 | 13.37 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 245@0  | CP_QPSK    | 19.82 | -3.6 | 16.22 | 41.88 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 123@61 | CP_QPSK    | 20.49 | -3.6 | 16.89 | 48.87 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | CP_QPSK    | 19.52 | -3.6 | 15.92 | 39.08 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | CP_QPSK    | 19.97 | -3.6 | 16.37 | 43.35 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 245@0  | CP_QAM16   | 18.8  | -3.6 | 15.2  | 33.11 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 123@61 | CP_QAM16   | 19.96 | -3.6 | 16.36 | 43.25 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | CP_QAM16   | 18.95 | -3.6 | 15.35 | 34.28 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | CP_QAM16   | 19.41 | -3.6 | 15.81 | 38.11 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 245@0  | CP_QAM64   | 18.33 | -3.6 | 14.73 | 29.72 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 123@61 | CP_QAM64   | 18.5  | -3.6 | 14.9  | 30.9  | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | CP_QAM64   | 17.7  | -3.6 | 14.1  | 25.7  | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | CP_QAM64   | 18.15 | -3.6 | 14.55 | 28.51 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 245@0  | CP_QAM256  | 15.22 | -3.6 | 11.62 | 14.52 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 123@61 | CP_QAM256  | 15.48 | -3.6 | 11.88 | 15.42 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@1    | CP_QAM256  | 14.19 | -3.6 | 10.59 | 11.46 | 2000 | PASS |
| n41 | 30 | 90  | 528996 | 1@243  | CP_QAM256  | 14.7  | -3.6 | 11.1  | 12.88 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_BPSK   | 21.57 | -3.6 | 17.97 | 62.66 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_BPSK   | 22.02 | -3.6 | 18.42 | 69.5  | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_BPSK   | 21.22 | -3.6 | 17.62 | 57.81 | 2000 | PASS |

|     |    |     |        |        |            |       |      |       |       |      |      |
|-----|----|-----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 100 | 509202 | 1@271  | DFT_BPSK   | 21.08 | -3.6 | 17.48 | 55.98 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QPSK   | 20.79 | -3.6 | 17.19 | 52.36 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QPSK   | 22.01 | -3.6 | 18.41 | 69.34 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QPSK   | 21.28 | -3.6 | 17.68 | 58.61 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QPSK   | 21.06 | -3.6 | 17.46 | 55.72 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QAM16  | 19.79 | -3.6 | 16.19 | 41.59 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QAM16  | 21.03 | -3.6 | 17.43 | 55.34 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QAM16  | 20.22 | -3.6 | 16.62 | 45.92 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QAM16  | 20.04 | -3.6 | 16.44 | 44.06 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QAM64  | 19.3  | -3.6 | 15.7  | 37.15 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QAM64  | 19.47 | -3.6 | 15.87 | 38.64 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QAM64  | 18.6  | -3.6 | 15    | 31.62 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QAM64  | 18.39 | -3.6 | 14.79 | 30.13 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 270@0  | DFT_QAM256 | 15.32 | -3.6 | 11.72 | 14.86 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 135@67 | DFT_QAM256 | 15.11 | -3.6 | 11.51 | 14.16 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | DFT_QAM256 | 14.68 | -3.6 | 11.08 | 12.82 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | DFT_QAM256 | 14.78 | -3.6 | 11.18 | 13.12 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QPSK    | 19.56 | -3.6 | 15.96 | 39.45 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QPSK    | 20.46 | -3.6 | 16.86 | 48.53 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QPSK    | 19.71 | -3.6 | 16.11 | 40.83 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QPSK    | 19.51 | -3.6 | 15.91 | 38.99 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QAM16   | 18.72 | -3.6 | 15.12 | 32.51 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QAM16   | 20    | -3.6 | 16.4  | 43.65 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QAM16   | 19.12 | -3.6 | 15.52 | 35.65 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QAM16   | 18.9  | -3.6 | 15.3  | 33.88 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QAM64   | 18.21 | -3.6 | 14.61 | 28.91 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QAM64   | 18.44 | -3.6 | 14.84 | 30.48 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QAM64   | 17.82 | -3.6 | 14.22 | 26.42 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QAM64   | 17.58 | -3.6 | 13.98 | 25    | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 273@0  | CP_QAM256  | 15.16 | -3.6 | 11.56 | 14.32 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 137@68 | CP_QAM256  | 15.4  | -3.6 | 11.8  | 15.14 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@1    | CP_QAM256  | 14.31 | -3.6 | 10.71 | 11.78 | 2000 | PASS |
| n41 | 30 | 100 | 509202 | 1@271  | CP_QAM256  | 14.15 | -3.6 | 10.55 | 11.35 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_BPSK   | 21.13 | -3.6 | 17.53 | 56.62 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_BPSK   | 21.82 | -3.6 | 18.22 | 66.37 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_BPSK   | 21.08 | -3.6 | 17.48 | 55.98 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_BPSK   | 21.14 | -3.6 | 17.54 | 56.75 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QPSK   | 20.67 | -3.6 | 17.07 | 50.93 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QPSK   | 21.82 | -3.6 | 18.22 | 66.37 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QPSK   | 21.12 | -3.6 | 17.52 | 56.49 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QPSK   | 21.21 | -3.6 | 17.61 | 57.68 | 2000 | PASS |

|     |    |     |        |        |            |       |      |       |       |      |      |
|-----|----|-----|--------|--------|------------|-------|------|-------|-------|------|------|
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QAM16  | 19.72 | -3.6 | 16.12 | 40.93 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QAM16  | 20.85 | -3.6 | 17.25 | 53.09 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QAM16  | 20.08 | -3.6 | 16.48 | 44.46 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QAM16  | 20.2  | -3.6 | 16.6  | 45.71 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QAM64  | 19.18 | -3.6 | 15.58 | 36.14 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QAM64  | 19.39 | -3.6 | 15.79 | 37.93 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QAM64  | 18.4  | -3.6 | 14.8  | 30.2  | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QAM64  | 18.51 | -3.6 | 14.91 | 30.97 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 270@0  | DFT_QAM256 | 15.11 | -3.6 | 11.51 | 14.16 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 135@67 | DFT_QAM256 | 14.86 | -3.6 | 11.26 | 13.37 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | DFT_QAM256 | 14.69 | -3.6 | 11.09 | 12.85 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | DFT_QAM256 | 14.52 | -3.6 | 10.92 | 12.36 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QPSK    | 18.63 | -3.6 | 15.03 | 31.84 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 137@68 | CP_QPSK    | 20.34 | -3.6 | 16.74 | 47.21 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QPSK    | 19.58 | -3.6 | 15.98 | 39.63 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QPSK    | 19.68 | -3.6 | 16.08 | 40.55 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QAM16   | 18.6  | -3.6 | 15    | 31.62 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 137@68 | CP_QAM16   | 19.86 | -3.6 | 16.26 | 42.27 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QAM16   | 19.07 | -3.6 | 15.47 | 35.24 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QAM16   | 19.21 | -3.6 | 15.61 | 36.39 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QAM64   | 18.08 | -3.6 | 14.48 | 28.05 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 137@68 | CP_QAM64   | 18.33 | -3.6 | 14.73 | 29.72 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QAM64   | 17.95 | -3.6 | 14.35 | 27.23 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QAM64   | 18.02 | -3.6 | 14.42 | 27.67 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 273@0  | CP_QAM256  | 15.06 | -3.6 | 11.46 | 14    | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 137@68 | CP_QAM256  | 15.25 | -3.6 | 11.65 | 14.62 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@1    | CP_QAM256  | 14.31 | -3.6 | 10.71 | 11.78 | 2000 | PASS |
| n41 | 30 | 100 | 518598 | 1@271  | CP_QAM256  | 14.47 | -3.6 | 10.87 | 12.22 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_BPSK   | 20.68 | -3.6 | 17.08 | 51.05 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_BPSK   | 21.88 | -3.6 | 18.28 | 67.3  | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_BPSK   | 21.65 | -3.6 | 18.05 | 63.83 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_BPSK   | 21.44 | -3.6 | 17.84 | 60.81 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_QPSK   | 20.8  | -3.6 | 17.2  | 52.48 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QPSK   | 21.97 | -3.6 | 18.37 | 68.71 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QPSK   | 21.01 | -3.6 | 17.41 | 55.08 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QPSK   | 21.36 | -3.6 | 17.76 | 59.7  | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_QAM16  | 19.79 | -3.6 | 16.19 | 41.59 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 135@67 | DFT_QAM16  | 20.97 | -3.6 | 17.37 | 54.58 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@1    | DFT_QAM16  | 20.05 | -3.6 | 16.45 | 44.16 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 1@271  | DFT_QAM16  | 20.35 | -3.6 | 16.75 | 47.32 | 2000 | PASS |
| n41 | 30 | 100 | 528000 | 270@0  | DFT_QAM64  | 19.27 | -3.6 | 15.67 | 36.9  | 2000 | PASS |