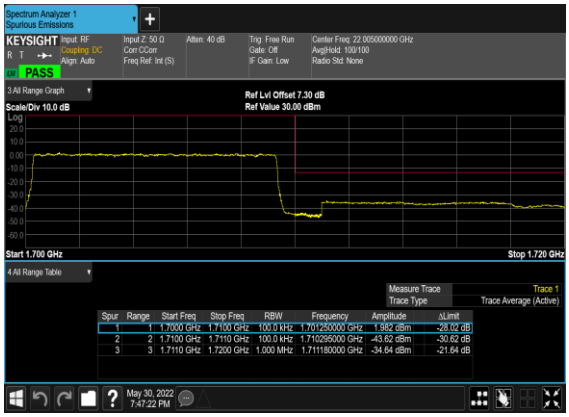
N70(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

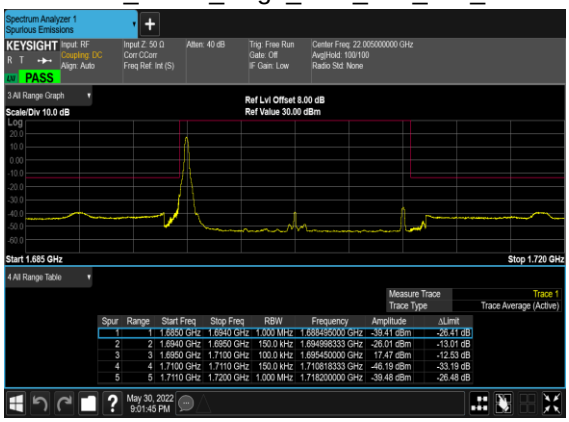
N70(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N70(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

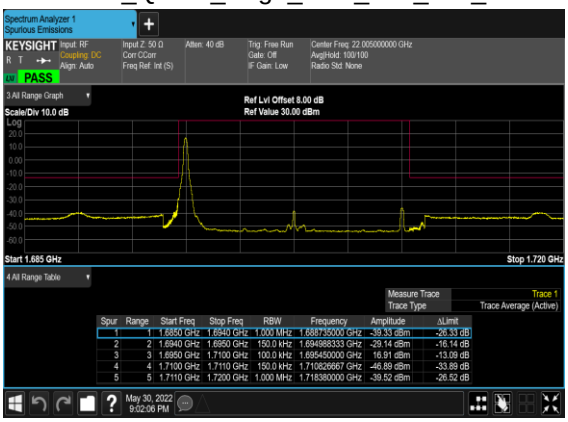



N70(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

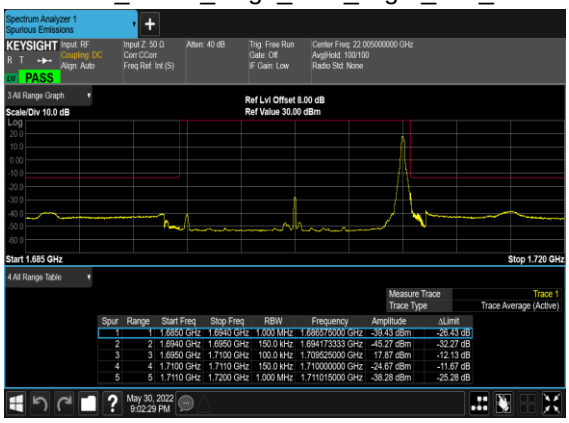
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



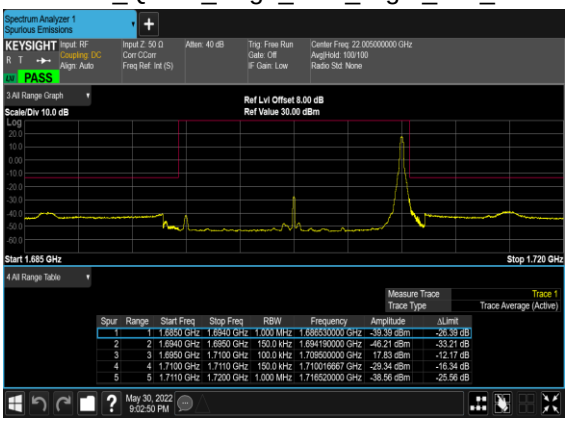

N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



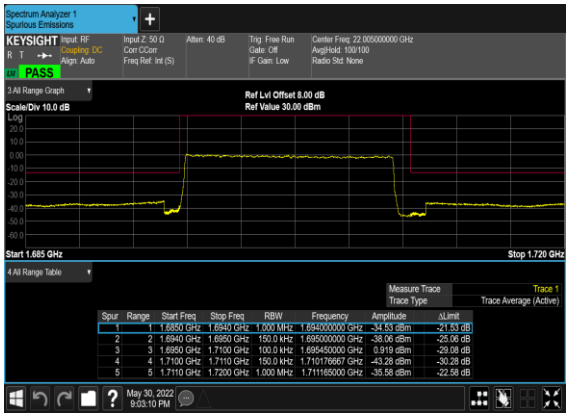
N70(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



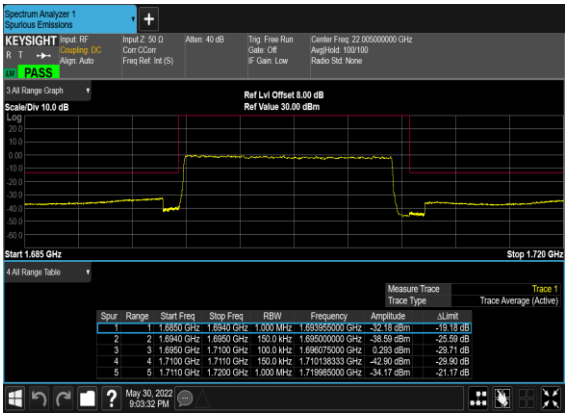

N70(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH




N70(15M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH




N70(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Software Version: 22.02.041801

# FR1 N71 (ANT 1)

## Transmitter Conducted Output Power and ERP/EIRP, ($G_T$ - $L_C$) =-8.5dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power (dBm) | ERP(dBm) | ERP(W) |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.42 | 12.77 | 0.0189 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 12@6 | 23.41 | 12.76 | 0.0189 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 1@1 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 1@23 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 16 QAM | 12@6 | 22.39 | 11.74 | 0.0149 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 16 QAM | 1@23 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 64 QAM | 12@6 | 21.41 | 10.76 | 0.0119 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.63 | 10.98 | 0.0125 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 64 QAM | 1@23 | 21.64 | 10.99 | 0.0126 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 256 QAM | 12@6 | 19.19 | 8.54 | 0.0071 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.11 | 8.46 | 0.0070 |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM 256 QAM | 1@23 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 5 | 123900 | 665.5 | CP-OFDM QPSK | 13@6 | 21.88 | 11.23 | 0.0133 |
| **71** | 15 | 5 | 123900 | 665.5 | CP-OFDM QPSK | 1@1 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 5 | 123900 | 665.5 | CP-OFDM QPSK | 1@23 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.49 | 12.84 | 0.0192 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 12@6 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.39 | 12.74 | 0.0188 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@23 | 23.36 | 12.71 | 0.0187 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 12@6 | 22.42 | 11.77 | 0.0150 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.99 | 11.34 | 0.0136 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@23 | 22 | 11.35 | 0.0136 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 12@6 | 21.51 | 10.86 | 0.0122 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.69 | 11.04 | 0.0127 |

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|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@23 | 21.67 | 11.02 | 0.0126 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 12@6 | 19.31 | 8.66 | 0.0073 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.01 | 8.36 | 0.0069 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@23 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM QPSK | 13@6 | 21.95 | 11.3 | 0.0135 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM QPSK | 1@1 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM QPSK | 1@23 | 22.03 | 11.38 | 0.0137 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.51 | 12.86 | 0.0193 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.53 | 12.88 | 0.0194 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.49 | 12.84 | 0.0192 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 12@6 | 23.5 | 12.85 | 0.0193 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 1@1 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 1@23 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 16 QAM | 12@6 | 22.48 | 11.83 | 0.0152 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.12 | 11.47 | 0.0140 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 16 QAM | 1@23 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 64 QAM | 12@6 | 21.57 | 10.92 | 0.0124 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.73 | 11.08 | 0.0128 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 64 QAM | 1@23 | 21.69 | 11.04 | 0.0127 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 256 QAM | 12@6 | 19.31 | 8.66 | 0.0073 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 256 QAM | 1@1 | 19 | 8.35 | 0.0068 |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM 256 QAM | 1@23 | 19.04 | 8.39 | 0.0069 |
| **71** | 15 | 5 | 129900 | 695.5 | CP-OFDM QPSK | 13@6 | 22.02 | 11.37 | 0.0137 |
| **71** | 15 | 5 | 129900 | 695.5 | CP-OFDM QPSK | 1@1 | 22 | 11.35 | 0.0136 |
| **71** | 15 | 5 | 129900 | 695.5 | CP-OFDM QPSK | 1@23 | 22.14 | 11.49 | 0.0141 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.41 | 12.76 | 0.0189 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.44 | 12.79 | 0.0190 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM PI/2 BPSK | 1@50 | 23.48 | 12.83 | 0.0192 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM QPSK | 25@12 | 23.41 | 12.76 | 0.0189 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM QPSK | 1@1 | 23.38 | 12.73 | 0.0187 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM QPSK | 1@50 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 16 QAM | 25@12 | 22.32 | 11.67 | 0.0147 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 16 QAM | 1@1 | 21.96 | 11.31 | 0.0135 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 16 QAM | 1@50 | 21.99 | 11.34 | 0.0136 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 64 QAM | 25@12 | 21.42 | 10.77 | 0.0119 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 64 QAM | 1@1 | 21.64 | 10.99 | 0.0126 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 64 QAM | 1@50 | 21.59 | 10.94 | 0.0124 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 256 QAM | 25@12 | 19.32 | 8.67 | 0.0074 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 256 QAM | 1@1 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 10 | 124400 | 668 | DFT-s-OFDM 256 QAM | 1@50 | 18.99 | 8.34 | 0.0068 |
| **71** | 15 | 10 | 124400 | 668 | CP-OFDM QPSK | 26@13 | 21.87 | 11.22 | 0.0132 |
| **71** | 15 | 10 | 124400 | 668 | CP-OFDM QPSK | 1@1 | 21.85 | 11.2 | 0.0132 |
| **71** | 15 | 10 | 124400 | 668 | CP-OFDM QPSK | 1@50 | 22.12 | 11.47 | 0.0140 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@50 | 23.49 | 12.84 | 0.0192 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 25@12 | 23.46 | 12.81 | 0.0191 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@50 | 23.46 | 12.81 | 0.0191 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 25@12 | 22.4 | 11.75 | 0.0150 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.01 | 11.36 | 0.0137 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@50 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 25@12 | 21.47 | 10.82 | 0.0121 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.7 | 11.05 | 0.0127 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@50 | 21.7 | 11.05 | 0.0127 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 25@12 | 19.36 | 8.71 | 0.0074 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.04 | 8.39 | 0.0069 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@50 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM QPSK | 26@13 | 21.93 | 11.28 | 0.0134 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM QPSK | 1@1 | 21.94 | 11.29 | 0.0135 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM QPSK | 1@50 | 22.05 | 11.4 | 0.0138 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.56 | 12.91 | 0.0195 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM PI/2 BPSK | 1@50 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM QPSK | 25@12 | 23.53 | 12.88 | 0.0194 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM QPSK | 1@1 | 23.4 | 12.75 | 0.0188 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM QPSK | 1@50 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 16 QAM | 25@12 | 22.48 | 11.83 | 0.0152 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 16 QAM | 1@1 | 22.01 | 11.36 | 0.0137 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 16 QAM | 1@50 | 22.06 | 11.41 | 0.0138 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 64 QAM | 25@12 | 21.48 | 10.83 | 0.0121 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 64 QAM | 1@1 | 21.66 | 11.01 | 0.0126 |

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|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 64 QAM | 1@50 | 21.65 | 11 | 0.0126 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 256 QAM | 25@12 | 19.43 | 8.78 | 0.0076 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 256 QAM | 1@1 | 19.03 | 8.38 | 0.0069 |
| **71** | 15 | 10 | 129400 | 693 | DFT-s-OFDM 256 QAM | 1@50 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 10 | 129400 | 693 | CP-OFDM QPSK | 26@13 | 22 | 11.35 | 0.0136 |
| **71** | 15 | 10 | 129400 | 693 | CP-OFDM QPSK | 1@1 | 22.13 | 11.48 | 0.0141 |
| **71** | 15 | 10 | 129400 | 693 | CP-OFDM QPSK | 1@50 | 22.17 | 11.52 | 0.0142 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.45 | 12.8 | 0.0191 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.44 | 12.79 | 0.0190 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM PI/2 BPSK | 1@77 | 23.48 | 12.83 | 0.0192 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM QPSK | 36@18 | 23.45 | 12.8 | 0.0191 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM QPSK | 1@1 | 23.42 | 12.77 | 0.0189 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM QPSK | 1@77 | 23.42 | 12.77 | 0.0189 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 16 QAM | 36@18 | 22.42 | 11.77 | 0.0150 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 16 QAM | 1@77 | 21.99 | 11.34 | 0.0136 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 64 QAM | 36@18 | 21.43 | 10.78 | 0.0120 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.6 | 10.95 | 0.0124 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 64 QAM | 1@77 | 21.67 | 11.02 | 0.0126 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 256 QAM | 36@18 | 19.32 | 8.67 | 0.0074 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.01 | 8.36 | 0.0069 |
| **71** | 15 | 15 | 124900 | 670.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 15 | 124900 | 670.5 | CP-OFDM QPSK | 39@19 | 21.93 | 11.28 | 0.0134 |
| **71** | 15 | 15 | 124900 | 670.5 | CP-OFDM QPSK | 1@1 | 21.79 | 11.14 | 0.0130 |
| **71** | 15 | 15 | 124900 | 670.5 | CP-OFDM QPSK | 1@77 | 21.78 | 11.13 | 0.0130 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.37 | 12.72 | 0.0187 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@77 | 23.5 | 12.85 | 0.0193 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM QPSK | 36@18 | 23.48 | 12.83 | 0.0192 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.34 | 12.69 | 0.0186 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@77 | 23.45 | 12.8 | 0.0191 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 36@18 | 22.49 | 11.84 | 0.0153 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.96 | 11.31 | 0.0135 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@77 | 22.09 | 11.44 | 0.0139 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 36@18 | 21.48 | 10.83 | 0.0121 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.68 | 11.03 | 0.0127 |

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|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@77 | 21.77 | 11.12 | 0.0129 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 36@18 | 19.35 | 8.7 | 0.0074 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@1 | 19 | 8.35 | 0.0068 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.07 | 8.42 | 0.0070 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM QPSK | 39@19 | 21.97 | 11.32 | 0.0136 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM QPSK | 1@1 | 22.04 | 11.39 | 0.0138 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM QPSK | 1@77 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.57 | 12.92 | 0.0196 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM PI/2 BPSK | 1@77 | 23.52 | 12.87 | 0.0194 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM QPSK | 36@18 | 23.58 | 12.93 | 0.0196 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM QPSK | 1@1 | 23.37 | 12.72 | 0.0187 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM QPSK | 1@77 | 23.45 | 12.8 | 0.0191 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 16 QAM | 36@18 | 22.56 | 11.91 | 0.0155 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 16 QAM | 1@1 | 21.96 | 11.31 | 0.0135 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 16 QAM | 1@77 | 22.06 | 11.41 | 0.0138 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 64 QAM | 36@18 | 21.52 | 10.87 | 0.0122 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.68 | 11.03 | 0.0127 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 64 QAM | 1@77 | 21.7 | 11.05 | 0.0127 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 256 QAM | 36@18 | 19.38 | 8.73 | 0.0075 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.02 | 8.37 | 0.0069 |
| **71** | 15 | 15 | 128900 | 690.5 | DFT-s-OFDM 256 QAM | 1@77 | 19.08 | 8.43 | 0.0070 |
| **71** | 15 | 15 | 128900 | 690.5 | CP-OFDM QPSK | 39@19 | 22.04 | 11.39 | 0.0138 |
| **71** | 15 | 15 | 128900 | 690.5 | CP-OFDM QPSK | 1@1 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 15 | 128900 | 690.5 | CP-OFDM QPSK | 1@77 | 22.08 | 11.43 | 0.0139 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.47 | 12.82 | 0.0191 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.49 | 12.84 | 0.0192 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM QPSK | 50@25 | 23.46 | 12.81 | 0.0191 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM QPSK | 1@1 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM QPSK | 1@104 | 23.43 | 12.78 | 0.0190 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 16 QAM | 50@25 | 22.41 | 11.76 | 0.0150 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 16 QAM | 1@1 | 21.95 | 11.3 | 0.0135 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 16 QAM | 1@104 | 22.05 | 11.4 | 0.0138 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 64 QAM | 50@25 | 21.35 | 10.7 | 0.0117 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 64 QAM | 1@1 | 21.62 | 10.97 | 0.0125 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 64 QAM | 1@104 | 21.7 | 11.05 | 0.0127 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 256 QAM | 50@25 | 19.42 | 8.77 | 0.0075 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 256 QAM | 1@1 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 20 | 125400 | 673 | DFT-s-OFDM 256 QAM | 1@104 | 19.05 | 8.4 | 0.0069 |
| **71** | 15 | 20 | 125400 | 673 | CP-OFDM QPSK | 53@26 | 21.89 | 11.24 | 0.0133 |
| **71** | 15 | 20 | 125400 | 673 | CP-OFDM QPSK | 1@1 | 22.2 | 11.55 | 0.0143 |
| **71** | 15 | 20 | 125400 | 673 | CP-OFDM QPSK | 1@104 | 22.07 | 11.42 | 0.0139 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.51 | 12.86 | 0.0193 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.48 | 12.83 | 0.0192 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.52 | 12.87 | 0.0194 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 50@25 | 23.48 | 12.83 | 0.0192 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.39 | 12.74 | 0.0188 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@104 | 23.5 | 12.85 | 0.0193 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 50@25 | 22.49 | 11.84 | 0.0153 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22 | 11.35 | 0.0136 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 16 QAM | 1@104 | 22.1 | 11.45 | 0.0140 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 50@25 | 21.44 | 10.79 | 0.0120 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@1 | 21.67 | 11.02 | 0.0126 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 64 QAM | 1@104 | 21.78 | 11.13 | 0.0130 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 50@25 | 19.48 | 8.83 | 0.0076 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@1 | 19.02 | 8.37 | 0.0069 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM 256 QAM | 1@104 | 19.12 | 8.47 | 0.0070 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM QPSK | 53@26 | 21.96 | 11.31 | 0.0135 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM QPSK | 1@1 | 22.12 | 11.47 | 0.0140 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM QPSK | 1@104 | 22.16 | 11.51 | 0.0142 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.5 | 12.85 | 0.0193 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.37 | 12.72 | 0.0187 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.51 | 12.86 | 0.0193 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM QPSK | 50@25 | 23.54 | 12.89 | 0.0195 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM QPSK | 1@1 | 23.39 | 12.74 | 0.0188 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM QPSK | 1@104 | 23.42 | 12.77 | 0.0189 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 16 QAM | 50@25 | 22.5 | 11.85 | 0.0153 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 16 QAM | 1@1 | 22.38 | 11.73 | 0.0149 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 16 QAM | 1@104 | 22.44 | 11.79 | 0.0151 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 64 QAM | 50@25 | 21.41 | 10.76 | 0.0119 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 64 QAM | 1@1 | 21.49 | 10.84 | 0.0121 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 64 QAM | 1@104 | 21.55 | 10.9 | 0.0123 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 256 QAM | 50@25 | 19.48 | 8.83 | 0.0076 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 256 QAM | 1@1 | 19.38 | 8.73 | 0.0075 |
| **71** | 15 | 20 | 128400 | 688 | DFT-s-OFDM 256 QAM | 1@104 | 19.42 | 8.77 | 0.0075 |
| **71** | 15 | 20 | 128400 | 688 | CP-OFDM QPSK | 53@26 | 22.01 | 11.36 | 0.0137 |
| **71** | 15 | 20 | 128400 | 688 | CP-OFDM QPSK | 1@1 | 21.86 | 11.21 | 0.0132 |
| **71** | 15 | 20 | 128400 | 688 | CP-OFDM QPSK | 1@104 | 21.88 | 11.23 | 0.0133 |

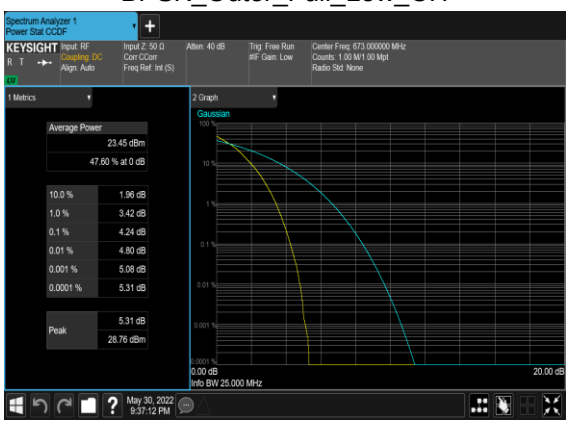
## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00645 | **PASS** | NV |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00455 | **PASS** | LV |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00679 | **PASS** | HV |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00651 | **PASS** | -30℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00606 | **PASS** | -20℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00336 | **PASS** | -10℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00418 | **PASS** | 0℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00021 | **PASS** | 10℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00352 | **PASS** | 20℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00229 | **PASS** | 30℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00675 | **PASS** | 40℃ |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.00564 | **PASS** | 50℃ |

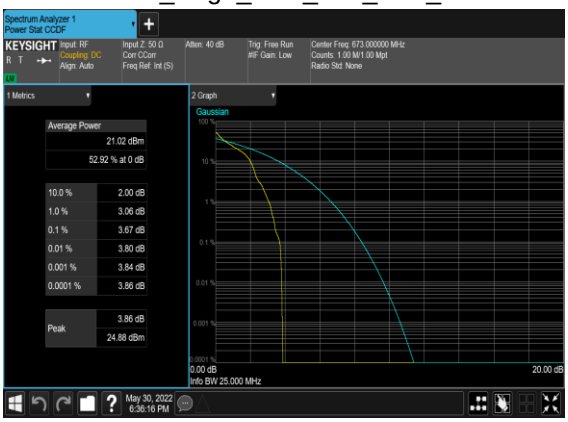
## Peak to Average Radio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.24 | 13 | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.67 | 13 | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 100@0 | 5.45 | 13 | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 1@0 | 4.88 | 13 | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.37 | 13 | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.8 | 13 | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 5.51 | 13 | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | 5.11 | 13 | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.38 | 13 | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM PI/2 BPSK | 1@0 | 3.93 | 13 | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 100@0 | 5.5 | 13 | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 1@0 | 5.18 | 13 | **PASS** |

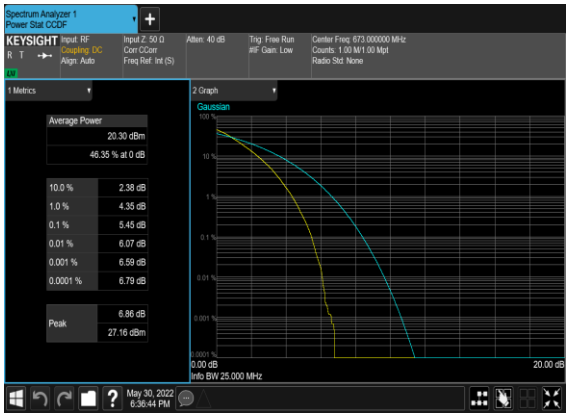
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH




N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Low_CH

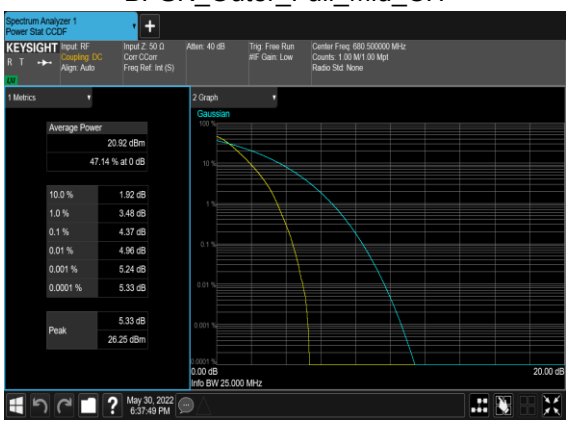



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH




N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

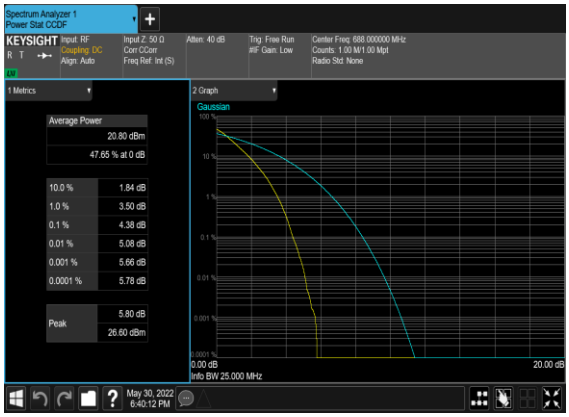



N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH

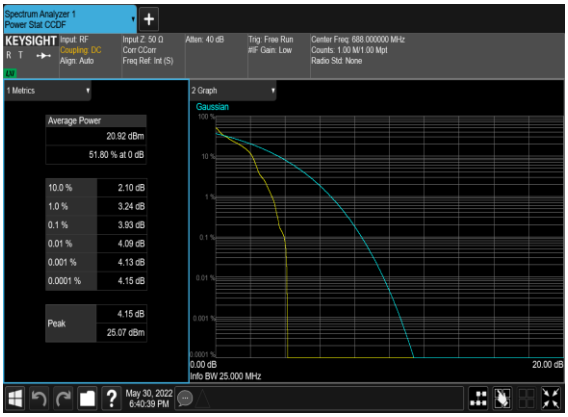
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH




N71(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



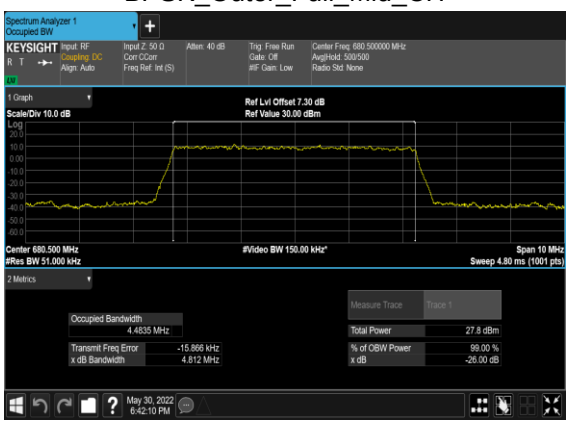

N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

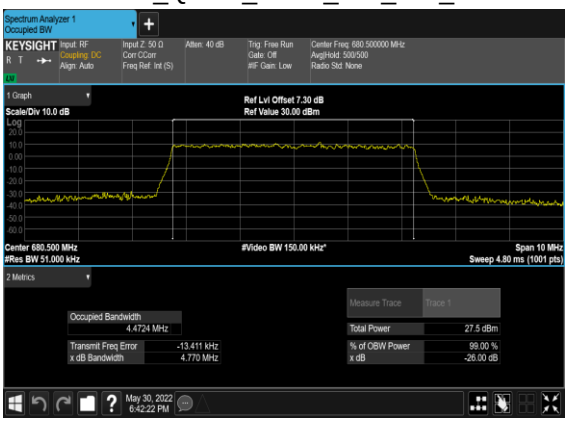
## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB OBW (MHz) |
|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 25@0 | 4.4835 | 4.812 |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 25@0 | 4.4724 | 4.77 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM QPSK | 25@0 | 4.4614 | 4.782 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM 16 QAM | 25@0 | 4.4711 | 4.806 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM 64 QAM | 25@0 | 4.4591 | 4.804 |
| **71** | 15 | 5 | 126900 | 680.5 | CP-OFDM 256 QAM | 25@0 | 4.4685 | 4.786 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 50@0 | 8.9179 | 9.361 |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 50@0 | 8.9246 | 9.347 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM QPSK | 52@0 | 9.2765 | 9.724 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM 16 QAM | 52@0 | 9.2708 | 9.747 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM 64 QAM | 52@0 | 9.2535 | 9.724 |
| **71** | 15 | 10 | 126900 | 680.5 | CP-OFDM 256 QAM | 52@0 | 9.2669 | 9.686 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 75@0 | 13.404 | 13.99 |
| **71** | 15 | 15 | 126900 | 680.5 | DFT-s-OFDM QPSK | 75@0 | 13.38 | 14.0 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM QPSK | 79@0 | 14.072 | 14.69 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM 16 QAM | 79@0 | 14.109 | 14.73 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM 64 QAM | 79@0 | 14.098 | 14.73 |
| **71** | 15 | 15 | 126900 | 680.5 | CP-OFDM 256 QAM | 79@0 | 14.117 | 14.72 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM PI/2 BPSK | 100@0 | 17.847 | 18.63 |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 17.884 | 18.61 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM QPSK | 106@0 | 18.917 | 19.72 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM 16 QAM | 106@0 | 18.937 | 19.71 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM 64 QAM | 106@0 | 18.908 | 19.73 |
| **71** | 15 | 20 | 126900 | 680.5 | CP-OFDM 256 QAM | 106@0 | 18.906 | 19.73 |

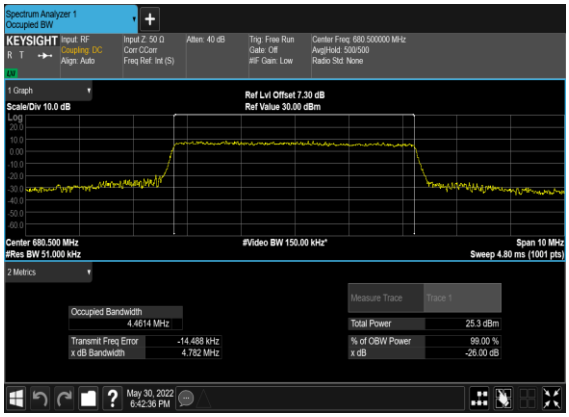
N71(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



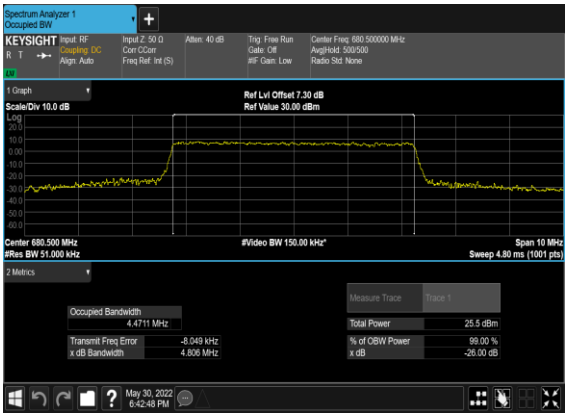

N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



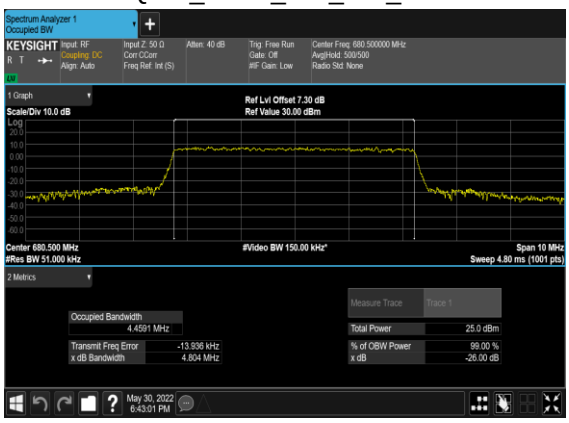

N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



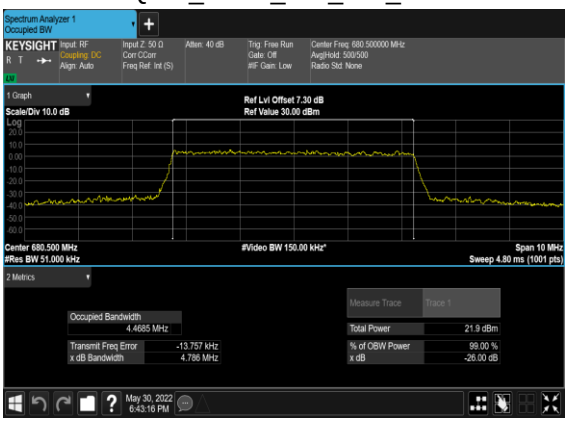

N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



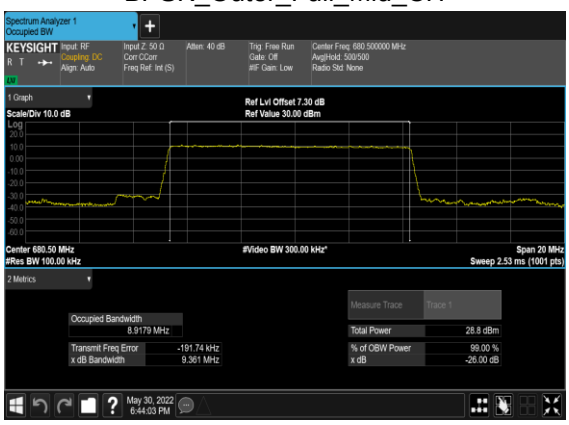

N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



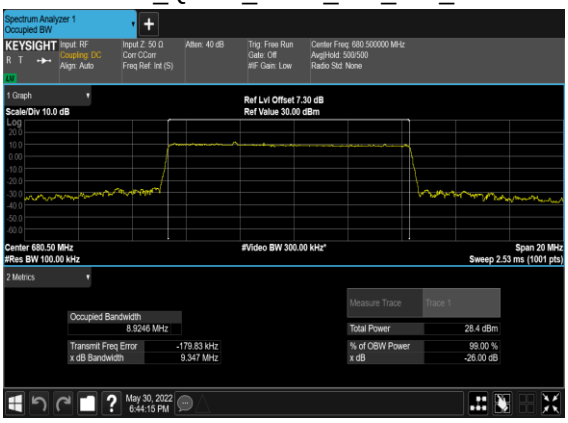

N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



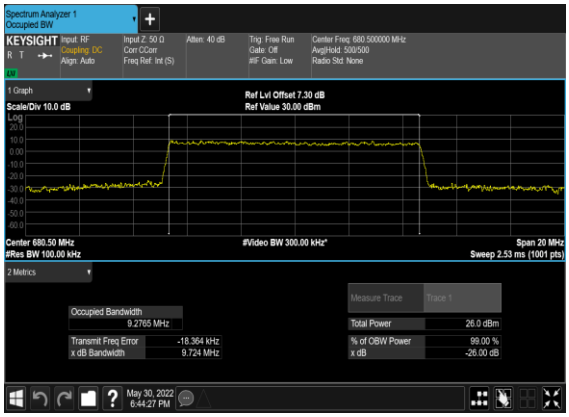
N71(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



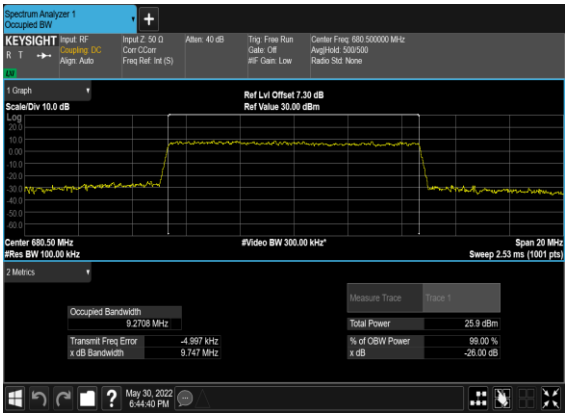

N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



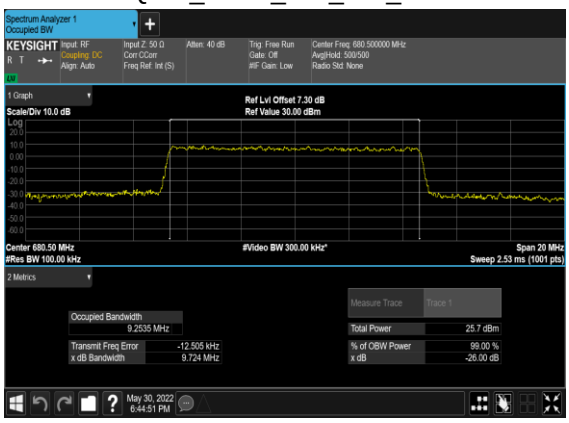

N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



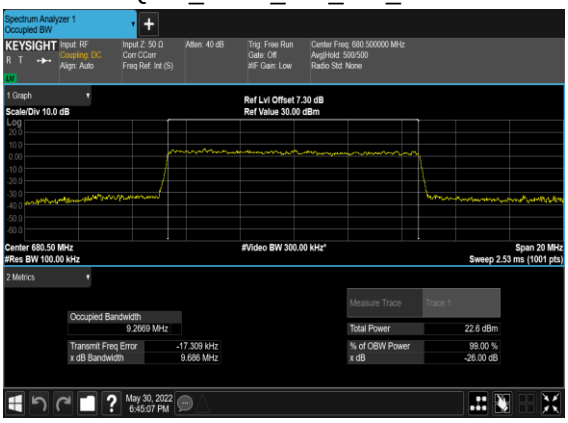

N71(10M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



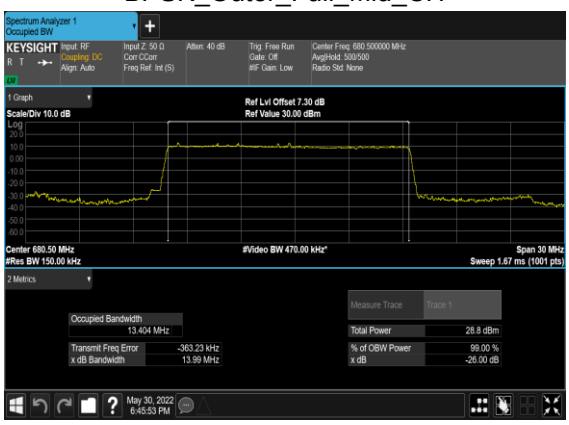

N71(10M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



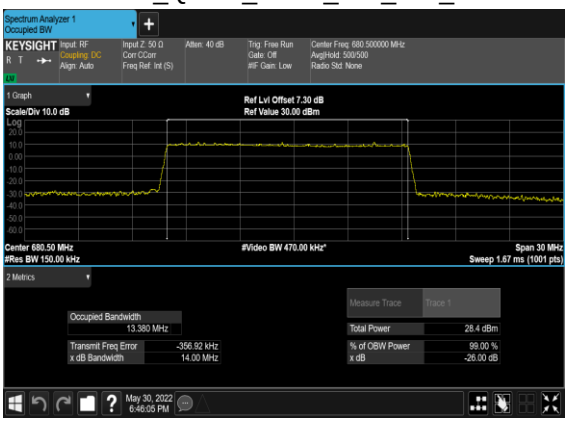

N71(10M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



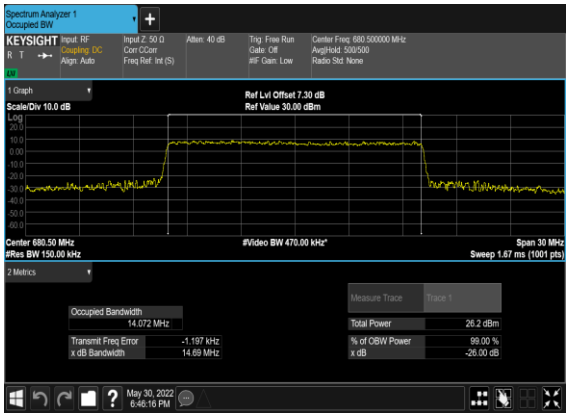
N71(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



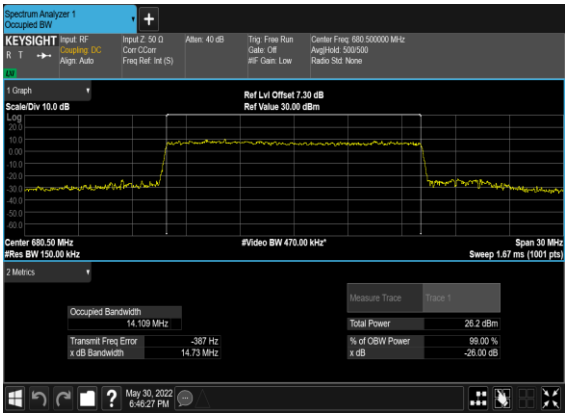

N71(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



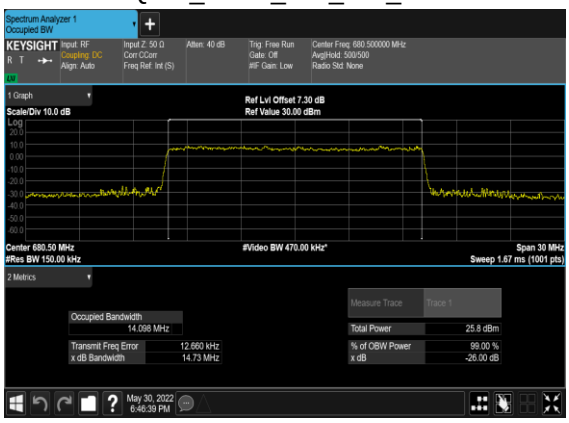

N71(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



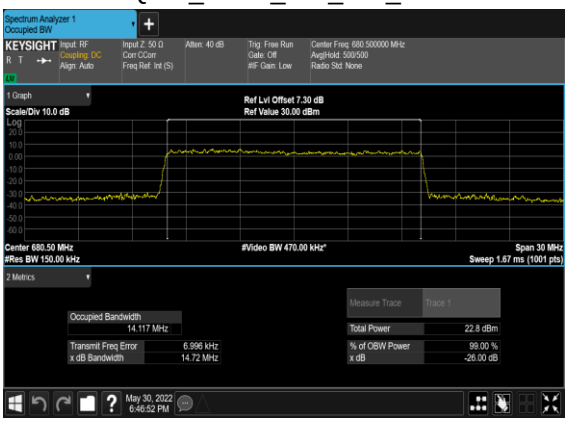

N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



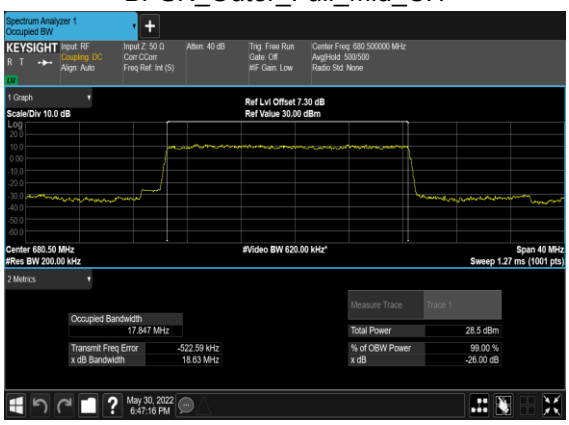

N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



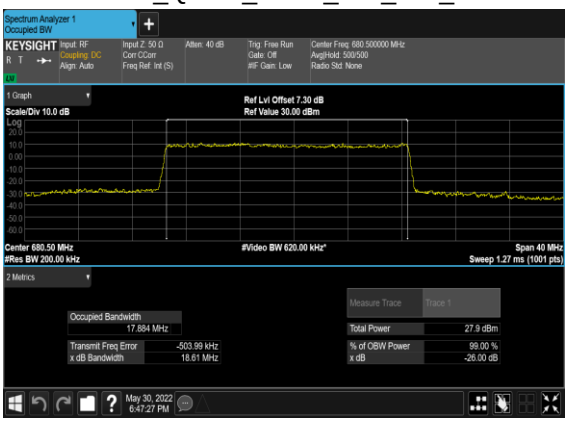

N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



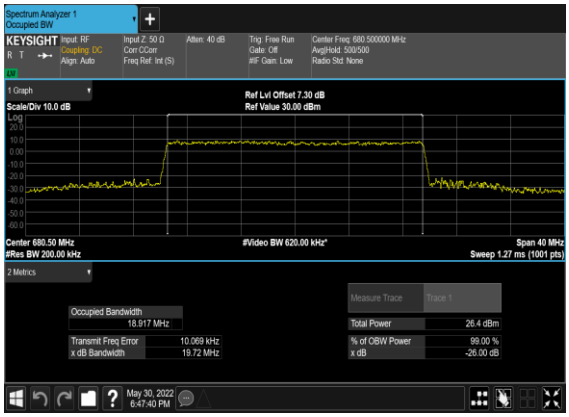
N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



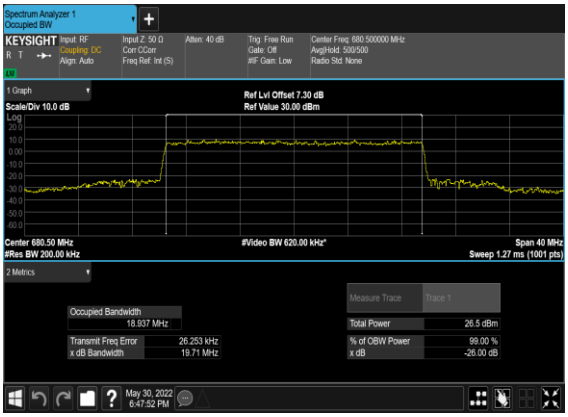

N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



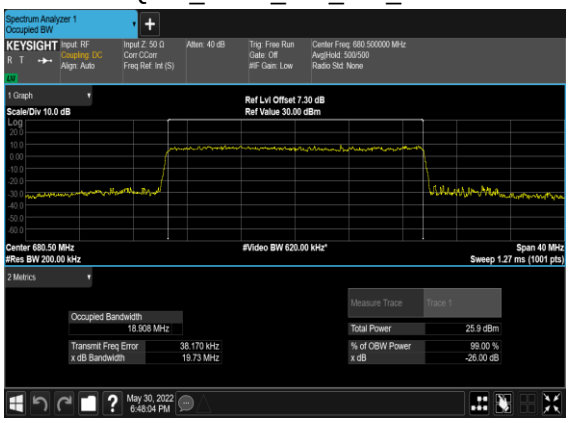

N71(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



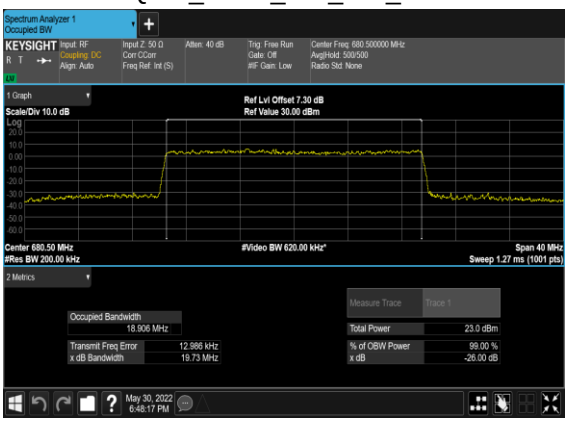

N71(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH




N71(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH




N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



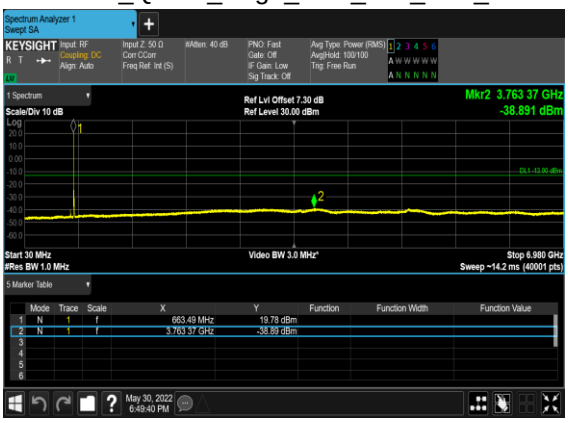
## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |

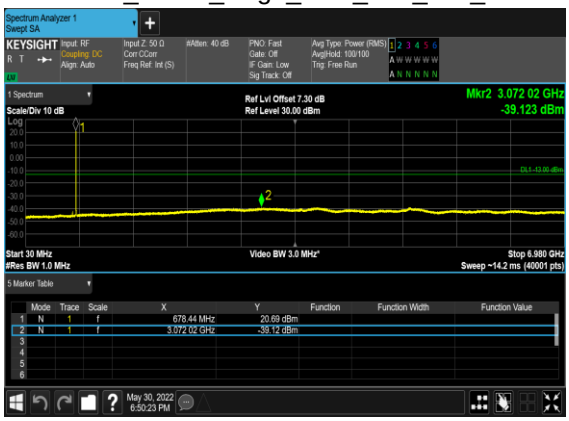
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 126900 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **---** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



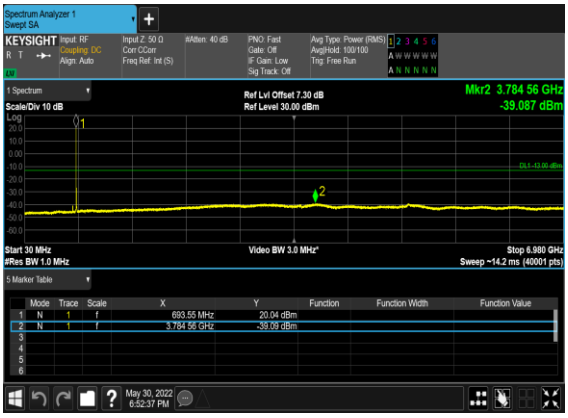

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



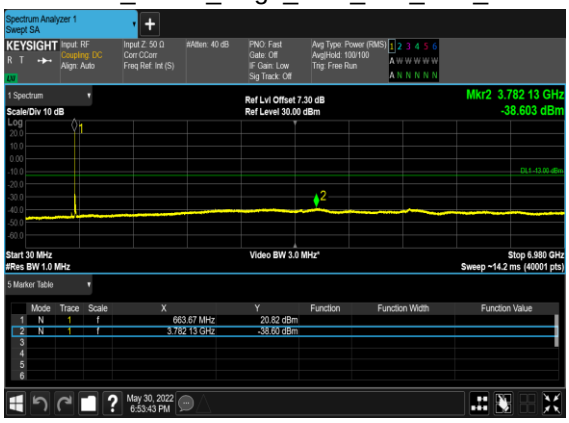

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

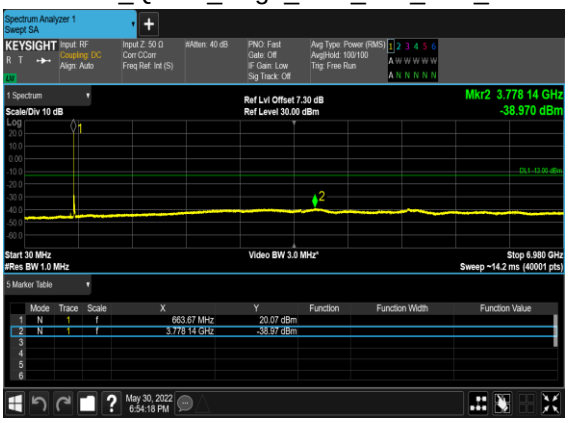
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



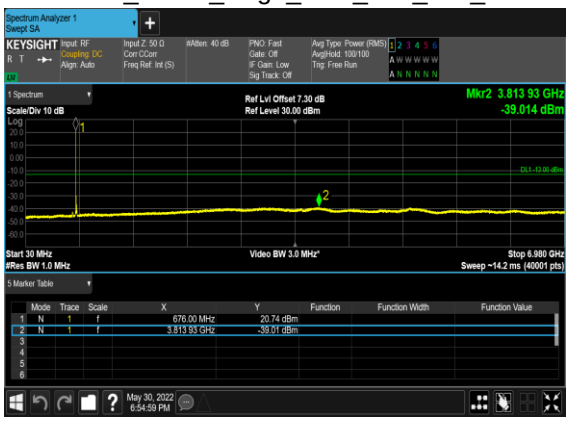
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH




N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



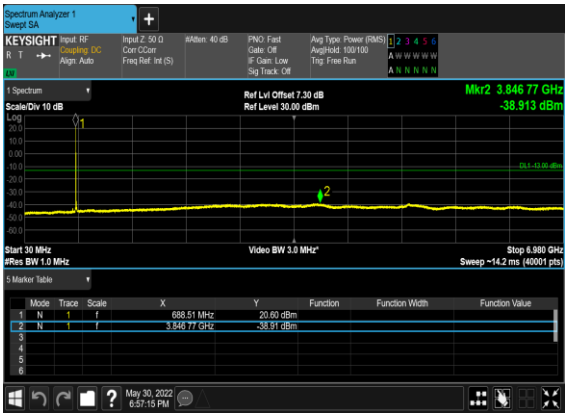

N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



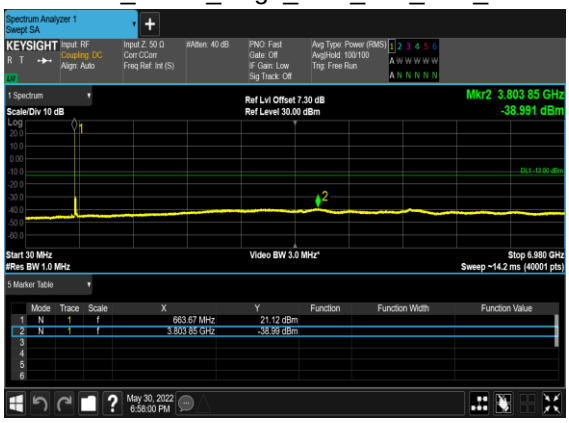

N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

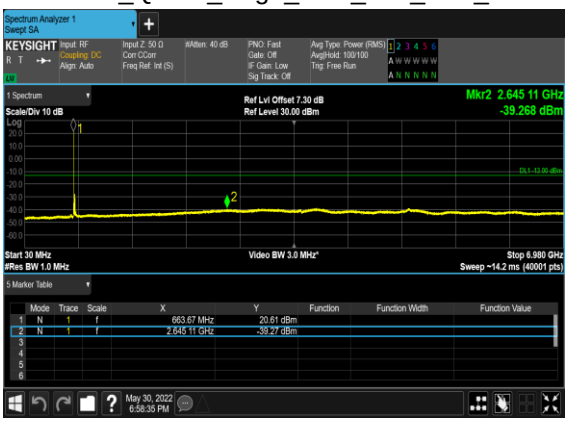
N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



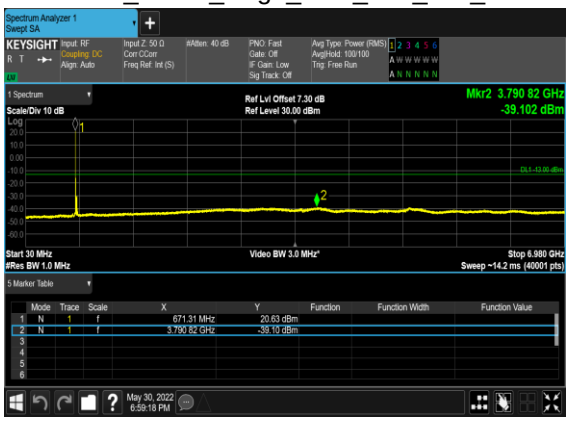
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH




N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



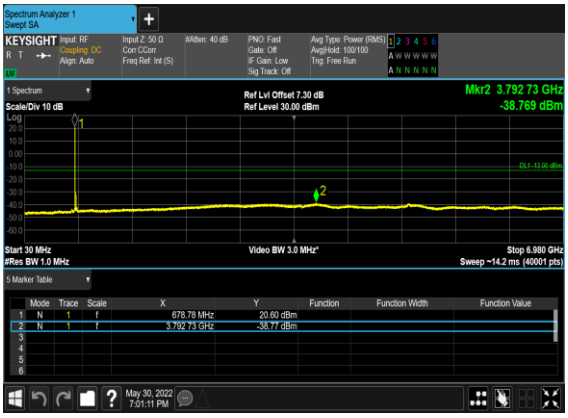

N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH




N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

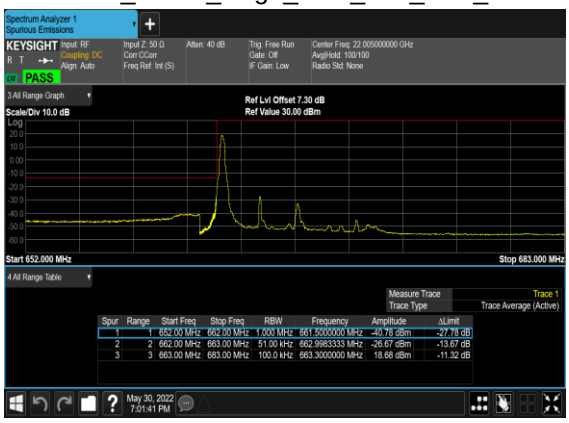
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



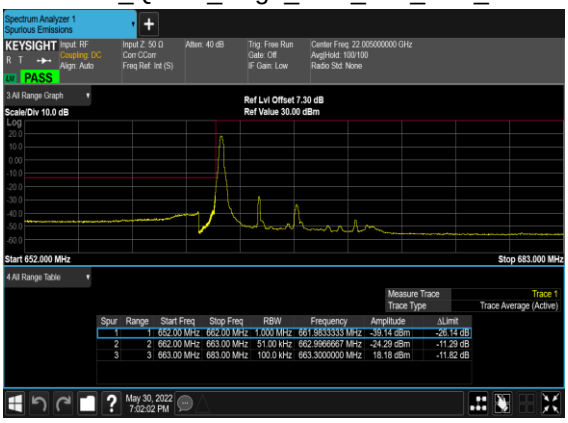
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM BPSK | 25@0 | see graph | **PASS** |
| **71** | 15 | 5 | 123900 | 665.5 | DFT-s-OFDM QPSK | 25@0 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM BPSK | 1@24 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 1@24 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM BPSK | 25@0 | see graph | **PASS** |
| **71** | 15 | 5 | 129900 | 695.5 | DFT-s-OFDM QPSK | 25@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM BPSK | 50@0 | see graph | **PASS** |
| **71** | 15 | 10 | 124400 | 668.0 | DFT-s-OFDM QPSK | 50@0 | see graph | **PASS** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM BPSK | 1@51 | see graph | **PASS** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM QPSK | 1@51 | see graph | **PASS** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM BPSK | 50@0 | see graph | **PASS** |
| **71** | 15 | 10 | 129400 | 693.0 | DFT-s-OFDM QPSK | 50@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM BPSK | 100@0 | see graph | **PASS** |
| **71** | 15 | 20 | 125400 | 673.0 | DFT-s-OFDM QPSK | 100@0 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM BPSK | 1@105 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 1@105 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM BPSK | 100@0 | see graph | **PASS** |
| **71** | 15 | 20 | 128400 | 688.0 | DFT-s-OFDM QPSK | 100@0 | see graph | **PASS** |

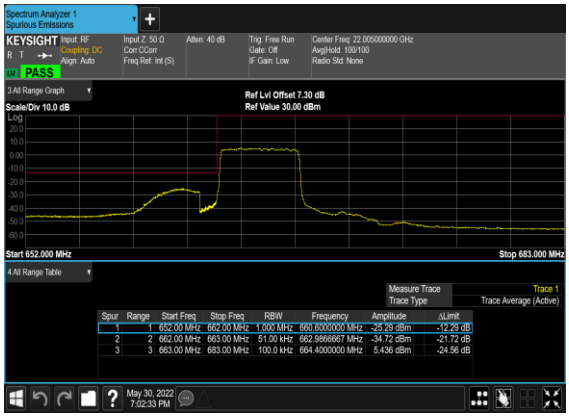
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



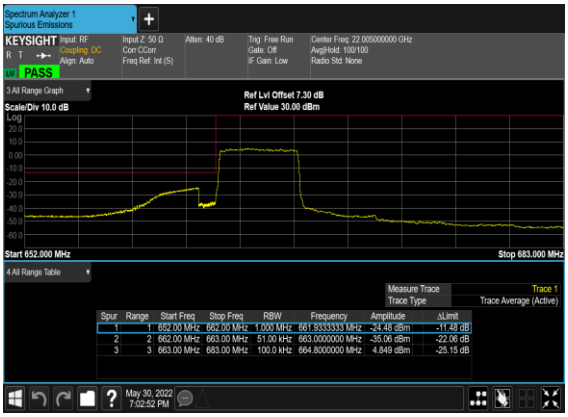

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH




N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH




N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH




N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

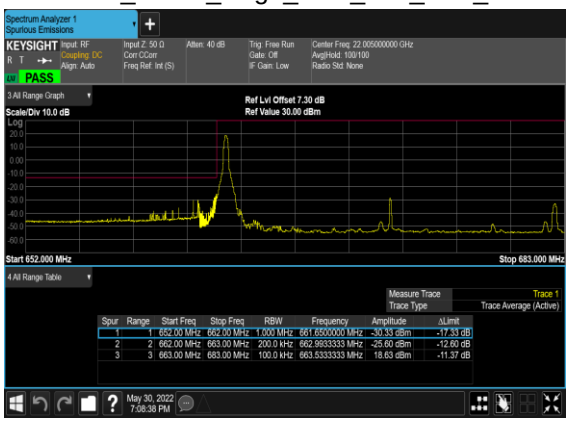
N71(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

N71(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH

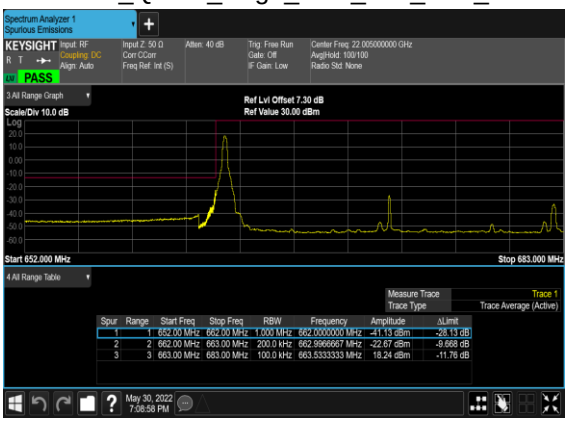
N71(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

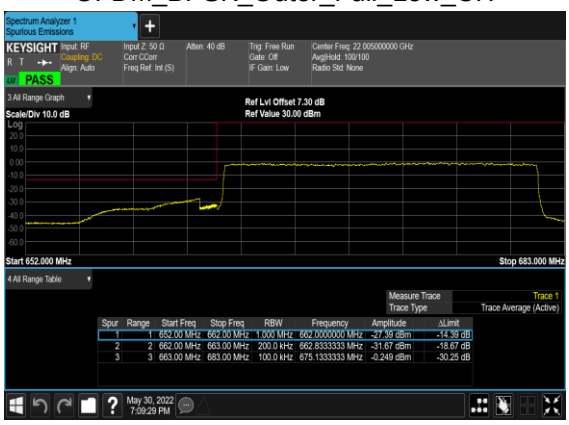
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH




N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

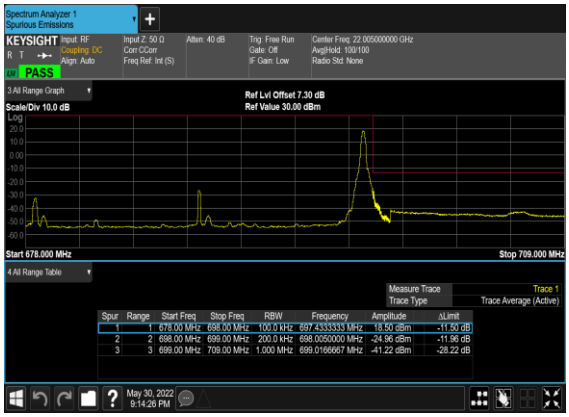


N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

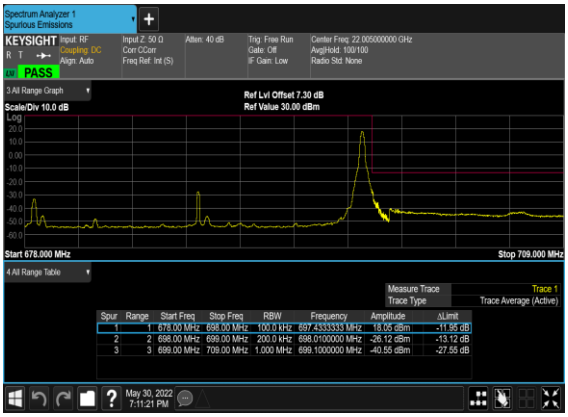



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH

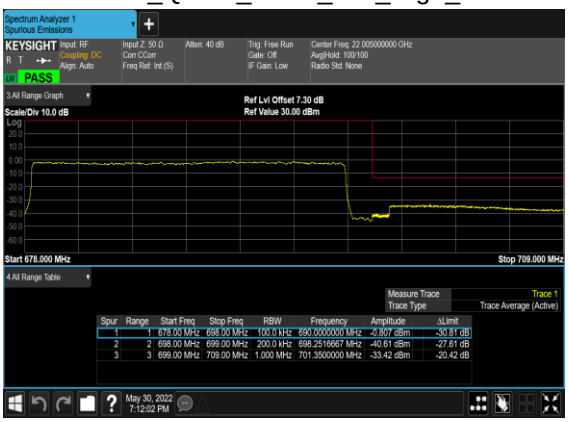



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH




N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH

N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| Test Engineer : | Shiwei Wen | Temperature : | 22~25℃ |
|---|---|---|---|
| | | Relative Humidity : | 48~52% |

Note:
1. Pre-scanned harmonic for testing, we choose the worst antenna mode to test.
2. For NSA mode, pre-scanned the harmonics for all supported EN-DC Combos, only the worse cases EN-DC for each NR band are shown in the report.

| EN-DC_66A_n7A / LTE 10MHz + NR 50MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT8 (NR) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n7 Lowest | 5050.00 | -57.79 | -25 | -32.79 | -80.89 | -63.35 | 7.12 | 12.68 | H |
| | 7575.00 | -54.92 | -25 | -29.92 | -81.00 | -58.25 | 8.26 | 11.59 | H |
| | 10100.00 | -52.38 | -25 | -27.38 | -82.55 | -53.91 | 10.45 | 11.98 | H |
| | 5050.00 | -56.52 | -25 | -31.52 | -80.95 | -62.08 | 7.12 | 12.68 | V |
| | 7575.00 | -54.78 | -25 | -29.78 | -80.86 | -58.11 | 8.26 | 11.59 | V |
| | 10100.00 | -51.31 | -25 | -26.31 | -82.41 | -52.84 | 10.45 | 11.98 | V |
| LTE Band66 Lowest | 3510 | -57.47 | -13 | -44.47 | -79.80 | -64.32 | 5.65 | 12.50 | H |
| | 5265 | -56.50 | -13 | -43.50 | -80.89 | -62.17 | 7.13 | 12.80 | H |
| | 7020 | -55.78 | -13 | -42.78 | -81.60 | -59.18 | 8.40 | 11.80 | H |
| | 3510 | -57.32 | -13 | -44.32 | -80.05 | -64.17 | 5.65 | 12.50 | V |
| | 5265 | -57.06 | -13 | -44.06 | -81.33 | -62.73 | 7.13 | 12.80 | V |
| | 7020 | -55.28 | -13 | -42.28 | -81.45 | -58.68 | 8.40 | 11.80 | V |
| NR n7 Middle | 5070.00 | -57.14 | -25 | -32.14 | -80.35 | -62.70 | 7.14 | 12.70 | H |
| | 7605.00 | -54.82 | -25 | -29.82 | -80.79 | -58.12 | 8.30 | 11.60 | H |
| | 10140.00 | -51.46 | -25 | -26.46 | -81.73 | -52.98 | 10.48 | 12.00 | H |
| | 5070.00 | -55.87 | -25 | -30.87 | -80.29 | -61.43 | 7.14 | 12.70 | V |
| | 7605.00 | -54.70 | -25 | -29.70 | -81.01 | -58.00 | 8.30 | 11.60 | V |
| | 10140.00 | -50.74 | -25 | -25.74 | -82.11 | -52.26 | 10.48 | 12.00 | V |
| LTE Band66 Middle | 3510 | -57.23 | -13 | -44.23 | -79.56 | -64.08 | 5.65 | 12.50 | H |
| | 5265 | -56.29 | -13 | -43.29 | -80.68 | -61.96 | 7.13 | 12.80 | H |
| | 7020 | -55.36 | -13 | -42.36 | -81.18 | -58.76 | 8.40 | 11.80 | H |
| | 3510 | -57.18 | -13 | -44.18 | -79.91 | -64.03 | 5.65 | 12.50 | V |
| | 5265 | -56.76 | -13 | -43.76 | -81.03 | -62.43 | 7.13 | 12.80 | V |
| | 7020 | -54.81 | -13 | -41.81 | -80.98 | -58.21 | 8.40 | 11.80 | V |
| NR n7 Highest | 5090.00 | -57.79 | -25 | -32.79 | -81.24 | -63.35 | 7.16 | 12.72 | H |
| | 7635.00 | -55.39 | -25 | -30.39 | -81.31 | -58.69 | 8.33 | 11.63 | H |
| | 10180.00 | -52.15 | -25 | -27.15 | -82.47 | -53.75 | 10.50 | 12.10 | H |
| | 5090.00 | -56.85 | -25 | -31.85 | -81.28 | -62.41 | 7.16 | 12.72 | V |
| | 7635.00 | -54.78 | -25 | -29.78 | -81.38 | -58.08 | 8.33 | 11.63 | V |
| | 10180.00 | -50.88 | -25 | -25.88 | -82.42 | -52.48 | 10.50 | 12.10 | V |
| LTE Band66 Highest | 3510 | -57.55 | -13 | -44.55 | -79.88 | -64.40 | 5.65 | 12.50 | H |
| | 5265 | -57.25 | -13 | -44.25 | -81.64 | -62.92 | 7.13 | 12.80 | H |
| | 7020 | -55.62 | -13 | -42.62 | -81.44 | -59.02 | 8.40 | 11.80 | H |
| | 3510 | -57.56 | -13 | -44.56 | -80.29 | -64.41 | 5.65 | 12.50 | V |
| | 5265 | -57.08 | -13 | -44.08 | -81.35 | -62.75 | 7.13 | 12.80 | V |
| | 7020 | -55.61 | -13 | -42.61 | -81.78 | -59.01 | 8.40 | 11.80 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| SA n41 / NR 100MHz / QPSK DFT-s-OFDM / ANT0 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n41 Lowest | 5123.58 | -57.57 | -25 | -32.57 | -81.26 | -63.13 | 7.12 | 12.68 | H |
| | 7685.37 | -55.96 | -25 | -30.96 | -81.74 | -59.29 | 8.26 | 11.59 | H |
| | 10247.16 | -52.16 | -25 | -27.16 | -82.61 | -53.69 | 10.45 | 11.98 | H |
| | 5123.58 | -56.91 | -25 | -31.91 | -81.34 | -62.47 | 7.12 | 12.68 | V |
| | 7685.37 | -53.52 | -25 | -28.52 | -81.01 | -56.85 | 8.26 | 11.59 | V |
| | 10247.16 | -50.86 | -25 | -25.86 | -82.76 | -52.39 | 10.45 | 11.98 | V |
| NR n41 Middle | 5143.56 | -57.39 | -25 | -32.39 | -81.20 | -62.95 | 7.14 | 12.70 | H |
| | 7715.34 | -49.32 | -25 | -24.32 | -75.00 | -52.62 | 8.30 | 11.60 | H |
| | 10287.12 | -52.44 | -25 | -27.44 | -82.94 | -53.96 | 10.48 | 12.00 | H |
| | 5143.56 | -56.81 | -25 | -31.81 | -81.24 | -62.37 | 7.14 | 12.70 | V |
| | 7715.34 | -42.87 | -25 | -17.87 | -70.94 | -46.17 | 8.30 | 11.60 | V |
| | 10287.12 | -51.07 | -25 | -26.07 | -83.14 | -52.59 | 10.48 | 12.00 | V |
| NR n41 Highest | 5283.54 | -57.17 | -25 | -32.17 | -81.61 | -62.73 | 7.16 | 12.72 | H |
| | 7925.31 | -45.77 | -25 | -20.77 | -71.70 | -49.07 | 8.33 | 11.63 | H |
| | 10567.08 | -52.33 | -25 | -27.33 | -83.54 | -53.93 | 10.50 | 12.10 | H |
| | 5283.54 | -57.89 | -25 | -32.89 | -82.12 | -63.45 | 7.16 | 12.72 | V |
| | 7925.31 | -39.00 | -25 | -14.00 | -67.93 | -42.30 | 8.33 | 11.63 | V |
| | 10567.08 | -49.86 | -25 | -24.86 | -83.45 | -51.46 | 10.50 | 12.10 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| EN-DC_26A_n41A / LTE 10MHz + NR 100MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT6 (NR) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n41 Lowest | 5042.01 | -57.90 | -25 | -32.90 | -81.00 | -63.46 | 7.12 | 12.68 | H |
| | 7563.01 | -55.42 | -25 | -30.42 | -81.56 | -58.75 | 8.26 | 11.59 | H |
| | 10084.02 | -52.68 | -25 | -27.68 | -82.83 | -54.21 | 10.45 | 11.98 | H |
| | 5042.01 | -56.50 | -25 | -31.50 | -80.93 | -62.06 | 7.12 | 12.68 | V |
| | 7563.01 | -55.40 | -25 | -30.40 | -81.53 | -58.73 | 8.26 | 11.59 | V |
| | 10084.02 | -52.12 | -25 | -27.12 | -83.14 | -53.65 | 10.45 | 11.98 | V |
| LTE Band26 Lowest | 1662 | -65.46 | -13 | -52.46 | -77.11 | -68.71 | 4.00 | 9.40 | H |
| | 2493 | -59.77 | -13 | -46.77 | -78.54 | -63.34 | 4.88 | 10.60 | H |
| | 3324 | -58.13 | -13 | -45.13 | -79.10 | -63.06 | 5.52 | 12.60 | H |
| | 1662 | -64.61 | -13 | -51.61 | -76.93 | -67.86 | 4.00 | 9.40 | V |
| | 2493 | -58.54 | -13 | -45.54 | -77.57 | -62.11 | 4.88 | 10.60 | V |
| | 3324 | -57.64 | -13 | -44.64 | -79.11 | -62.57 | 5.52 | 12.60 | V |
| NR n41 Middle | 5186.01 | -56.55 | -25 | -31.55 | -80.59 | -62.11 | 7.14 | 12.70 | H |
| | 7779.02 | -54.90 | -25 | -29.90 | -80.38 | -58.20 | 8.30 | 11.60 | H |
| | 10372.02 | -51.93 | -25 | -26.93 | -82.59 | -53.45 | 10.48 | 12.00 | H |
| | 5186.01 | -56.59 | -25 | -31.59 | -81.02 | -62.15 | 7.14 | 12.70 | V |
| | 7779.02 | -51.53 | -25 | -26.53 | -80.78 | -54.83 | 8.30 | 11.60 | V |
| | 10372.02 | -50.06 | -25 | -25.06 | -82.58 | -51.58 | 10.48 | 12.00 | V |
| LTE Band26 Middle | 1662 | -65.49 | -13 | -52.49 | -77.14 | -68.74 | 4.00 | 9.40 | H |
| | 2492 | -60.12 | -13 | -47.12 | -78.89 | -63.69 | 4.88 | 10.60 | H |
| | 3324 | -58.04 | -13 | -45.04 | -79.01 | -62.97 | 5.52 | 12.60 | H |
| | 1662 | -64.72 | -13 | -51.72 | -77.04 | -67.97 | 4.00 | 9.40 | V |
| | 2492 | -59.49 | -13 | -46.49 | -78.52 | -63.06 | 4.88 | 10.60 | V |
| | 3324 | -57.44 | -13 | -44.44 | -78.91 | -62.37 | 5.52 | 12.60 | V |
| NR n41 Highest | 5328.00 | -56.71 | -25 | -31.71 | -81.32 | -62.27 | 7.16 | 12.72 | H |
| | 7992.00 | -55.46 | -25 | -30.46 | -81.68 | -58.76 | 8.33 | 11.63 | H |
| | 10656.00 | -51.36 | -25 | -26.36 | -82.97 | -52.96 | 10.50 | 12.10 | H |
| | 5328.00 | -57.48 | -25 | -32.48 | -81.61 | -63.04 | 7.16 | 12.72 | V |
| | 7992.00 | -53.53 | -25 | -28.53 | -82.12 | -56.83 | 8.33 | 11.63 | V |
| | 10656.00 | -48.60 | -25 | -23.60 | -82.67 | -50.20 | 10.50 | 12.10 | V |
| LTE Band26 Highest | 1662 | -65.25 | -13 | -52.25 | -76.90 | -68.50 | 4.00 | 9.40 | H |
| | 2492 | -59.89 | -13 | -46.89 | -78.66 | -63.46 | 4.88 | 10.60 | H |
| | 3324 | -58.43 | -13 | -45.43 | -79.40 | -63.36 | 5.52 | 12.60 | H |
| | 1662 | -64.16 | -13 | -51.16 | -76.48 | -67.41 | 4.00 | 9.40 | V |
| | 2492 | -59.56 | -13 | -46.56 | -78.59 | -63.13 | 4.88 | 10.60 | V |
| | 3324 | -58.18 | -13 | -45.18 | -79.65 | -63.11 | 5.52 | 12.60 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| SA n41 UL MIMO / NR 100MHz / QPSK DFT-s-OFDM / ANT7 + ANT6 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n41 Lowest | 5092.02 | -57.50 | -25 | -32.50 | -80.95 | -63.06 | 7.12 | 12.68 | H |
| | 7638.03 | -55.79 | -25 | -30.79 | -81.70 | -59.12 | 8.26 | 11.59 | H |
| | 10184.04 | -52.22 | -25 | -27.22 | -82.54 | -53.75 | 10.45 | 11.98 | H |
| | 5092.02 | -56.45 | -25 | -31.45 | -80.88 | -62.01 | 7.12 | 12.68 | V |
| | 7638.03 | -54.81 | -25 | -29.81 | -81.4 | -58.14 | 8.26 | 11.59 | V |
| | 10184.04 | -51.13 | -25 | -26.13 | -82.67 | -52.66 | 10.45 | 11.98 | V |
| NR n41 Middle | 5185.98 | -57.26 | -25 | -32.26 | -81.30 | -62.82 | 7.14 | 12.70 | H |
| | 7778.97 | -55.57 | -25 | -30.57 | -81.05 | -58.87 | 8.30 | 11.60 | H |
| | 10371.96 | -51.88 | -25 | -26.88 | -82.54 | -53.40 | 10.48 | 12.00 | H |
| | 5185.98 | -56.64 | -25 | -31.64 | -81.07 | -62.20 | 7.14 | 12.70 | V |
| | 7778.97 | -51.86 | -25 | -26.86 | -81.11 | -55.16 | 8.30 | 11.60 | V |
| | 10371.96 | -50.38 | -25 | -25.38 | -82.9 | -51.90 | 10.48 | 12.00 | V |
| NR n41 Highest | 5280.00 | -57.34 | -25 | -32.34 | -81.78 | -62.90 | 7.16 | 12.72 | H |
| | 7920.00 | -54.87 | -25 | -29.87 | -80.81 | -58.17 | 8.33 | 11.63 | H |
| | 10560.00 | -52.78 | -25 | -27.78 | -83.92 | -54.38 | 10.50 | 12.10 | H |
| | 5280.00 | -57.07 | -25 | -32.07 | -81.3 | -62.63 | 7.16 | 12.72 | V |
| | 7920.00 | -52.41 | -25 | -27.41 | -81.35 | -55.71 | 8.33 | 11.63 | V |
| | 10560.00 | -50.05 | -25 | -25.05 | -83.55 | -51.65 | 10.50 | 12.10 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| SA n70 / NR 15MHz / QPSK DFT-s-OFDM / ANT1 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n70 Middle | 3405 | -56.97 | -13 | -43.97 | -76.75 | -63.82 | 5.65 | 12.50 | H |
| | 5107.5 | -57.80 | -13 | -44.80 | -81.38 | -63.47 | 7.13 | 12.80 | H |
| | 6810 | -55.47 | -13 | -42.47 | -81.03 | -58.87 | 8.40 | 11.80 | H |
| | 3405 | -55.82 | -13 | -42.82 | -76.93 | -62.67 | 5.65 | 12.50 | V |
| | 5107.5 | -56.70 | -13 | -43.70 | -81.13 | -62.37 | 7.13 | 12.80 | V |
| | 6810 | -54.08 | -13 | -41.08 | -81.83 | -57.48 | 8.40 | 11.80 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| SA n71 / NR 20MHz / QPSK DFT-s-OFDM / ANT0 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n71 Lowest | 1346 | -63.29 | -13 | -50.29 | -73.89 | -66.52 | 3.98 | 9.36 | H |
| | 2019 | -59.53 | -13 | -46.53 | -76.55 | -63.08 | 4.85 | 10.55 | H |
| | 2692 | -58.00 | -13 | -45.00 | -77.15 | -62.93 | 5.50 | 12.58 | H |
| | 1346 | -62.50 | -13 | -49.50 | -74.05 | -65.73 | 3.98 | 9.36 | V |
| | 2016 | -59.55 | -13 | -46.55 | -76.46 | -63.10 | 4.85 | 10.55 | V |
| | 2692 | -57.44 | -13 | -44.44 | -77.09 | -62.37 | 5.50 | 12.58 | V |
| NR n71 Middle | 1360 | -63.33 | -13 | -50.33 | -73.92 | -66.58 | 4.00 | 9.40 | H |
| | 2041.5 | -59.19 | -13 | -46.19 | -76.30 | -62.76 | 4.88 | 10.60 | H |
| | 2722 | -57.17 | -13 | -44.17 | -76.30 | -62.10 | 5.52 | 12.60 | H |
| | 1360 | -62.66 | -13 | -49.66 | -74.23 | -65.91 | 4.00 | 9.40 | V |
| | 2041.5 | -59.43 | -13 | -46.43 | -76.41 | -63.00 | 4.88 | 10.60 | V |
| | 2722 | -57.25 | -13 | -44.25 | -76.93 | -62.18 | 5.52 | 12.60 | V |
| NR n71 Highest | 1376 | -63.57 | -13 | -50.57 | -74.27 | -66.74 | 4.10 | 9.42 | H |
| | 2064 | -59.67 | -13 | -46.67 | -76.96 | -63.25 | 4.90 | 10.63 | H |
| | 2752 | -58.09 | -13 | -45.09 | -77.19 | -63.01 | 5.55 | 12.62 | H |
| | 1376 | -62.17 | -13 | -49.17 | -73.88 | -65.34 | 4.10 | 9.42 | V |
| | 2064 | -59.66 | -13 | -46.66 | -76.78 | -63.24 | 4.90 | 10.63 | V |
| | 2752 | -57.11 | -13 | -44.11 | -76.84 | -62.03 | 5.55 | 12.62 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| EN-DC_2A_n71A / LTE 10MHz + NR 20MHz / QPSK DFT-s-OFDM / ANT0 (LTE) & ANT1 (NR) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n71 Lowest | 1346 | -67.00 | -13 | -54.00 | -77.60 | -70.23 | 3.98 | 9.36 | H |
| | 2019 | -62.17 | -13 | -49.17 | -79.19 | -65.72 | 4.85 | 10.55 | H |
| | 2692 | -60.39 | -13 | -47.39 | -79.54 | -65.32 | 5.50 | 12.58 | H |
| | 1346 | -65.64 | -13 | -52.64 | -77.19 | -68.87 | 3.98 | 9.36 | V |
| | 2019 | -62.24 | -13 | -49.24 | -79.15 | -65.79 | 4.85 | 10.55 | V |
| | 2692 | -59.64 | -13 | -46.64 | -79.29 | -64.57 | 5.50 | 12.58 | V |
| LTE Band2 Lowest | 3742 | -58.29 | -13 | -45.29 | -81.18 | -65.04 | 5.85 | 12.60 | H |
| | 5613 | -57.20 | -13 | -44.20 | -81.48 | -63.00 | 7.30 | 13.10 | H |
| | 7484 | -55.90 | -13 | -42.90 | -82.36 | -59.05 | 8.35 | 11.50 | H |
| | 3742 | -55.23 | -13 | -42.23 | -80.13 | -61.98 | 5.85 | 12.60 | V |
| | 5613 | -56.92 | -13 | -43.92 | -82.05 | -62.72 | 7.30 | 13.10 | V |
| | 7484 | -55.59 | -13 | -42.59 | -82.03 | -58.74 | 8.35 | 11.50 | V |
| NR n71 Middle | 1361 | -67.00 | -13 | -54.00 | -77.59 | -70.25 | 4.00 | 9.40 | H |
| | 2041.5 | -62.17 | -13 | -49.17 | -79.28 | -65.74 | 4.88 | 10.60 | H |
| | 2722 | -60.39 | -13 | -47.39 | -79.52 | -65.32 | 5.52 | 12.60 | H |
| | 1361 | -65.64 | -13 | -52.64 | -77.21 | -68.89 | 4.00 | 9.40 | V |
| | 2041.5 | -62.24 | -13 | -49.24 | -79.22 | -65.81 | 4.88 | 10.60 | V |
| | 2722 | -59.64 | -13 | -46.64 | -79.32 | -64.57 | 5.52 | 12.60 | V |
| LTE Band2 Middle | 3742 | -58.02 | -13 | -45.02 | -80.91 | -64.77 | 5.85 | 12.60 | H |
| | 5613 | -57.15 | -13 | -44.15 | -81.43 | -62.95 | 7.30 | 13.10 | H |
| | 7484 | -55.37 | -13 | -42.37 | -81.83 | -58.52 | 8.35 | 11.50 | H |
| | 3742 | -55.10 | -13 | -42.10 | -80 | -61.85 | 5.85 | 12.60 | V |
| | 5613 | -56.80 | -13 | -43.80 | -81.93 | -62.60 | 7.30 | 13.10 | V |
| | 7484 | -55.45 | -13 | -42.45 | -81.89 | -58.60 | 8.35 | 11.50 | V |
| NR n71 Highest | 1376 | -66.62 | -13 | -53.62 | -77.32 | -69.79 | 4.10 | 9.42 | H |
| | 2064 | -62.26 | -13 | -49.26 | -79.55 | -65.84 | 4.90 | 10.63 | H |
| | 2752 | -60.60 | -13 | -47.60 | -79.70 | -65.52 | 5.55 | 12.62 | H |
| | 1376 | -65.46 | -13 | -52.46 | -77.17 | -68.63 | 4.10 | 9.42 | V |
| | 2064 | -62.46 | -13 | -49.46 | -79.58 | -66.04 | 4.90 | 10.63 | V |
| | 2752 | -59.79 | -13 | -46.79 | -79.52 | -64.71 | 5.55 | 12.62 | V |
| LTE Band2 Highest | 3742 | -58.06 | -13 | -45.06 | -80.95 | -64.81 | 5.85 | 12.60 | H |
| | 5613 | -57.11 | -13 | -44.11 | -81.39 | -62.91 | 7.30 | 13.10 | H |
| | 7484 | -55.41 | -13 | -42.41 | -81.87 | -58.56 | 8.35 | 11.50 | H |
| | 3742 | -55.03 | -13 | -42.03 | -79.93 | -61.78 | 5.85 | 12.60 | V |
| | 5613 | -56.89 | -13 | -43.89 | -82.02 | -62.69 | 7.30 | 13.10 | V |
| | 7484 | -55.81 | -13 | -42.81 | -82.25 | -58.96 | 8.35 | 11.50 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.