



FR1 N71(ANT0)

Transmitter Conducted Output Power and ERP, (G_T - L_C)=-4.5dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Conducted Power(dBm) | ERP (dBm) | ERP (W) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|----------------------|-----------|---------|
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM QPSK | 1@1 | 23.2 | 16.55 | 0.0452 |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.25 | 15.6 | 0.0363 |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.26 | 16.61 | 0.0458 |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.28 | 15.63 | 0.0366 |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM QPSK | 1@1 | 23.35 | 16.7 | 0.0468 |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.44 | 15.79 | 0.0379 |
| 71 | 15 | 10 | 133600 | 668 | DFT-s-OFDM QPSK | 1@1 | 23.11 | 16.46 | 0.0443 |
| 71 | 15 | 10 | 133600 | 668 | DFT-s-OFDM 16 QAM | 1@1 | 22.26 | 15.61 | 0.0364 |
| 71 | 15 | 10 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 22.96 | 16.31 | 0.0428 |
| 71 | 15 | 10 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.1 | 15.45 | 0.0351 |
| 71 | 15 | 10 | 138600 | 693 | DFT-s-OFDM QPSK | 1@1 | 23.34 | 16.69 | 0.0467 |
| 71 | 15 | 10 | 138600 | 693 | DFT-s-OFDM 16 QAM | 1@1 | 22.35 | 15.7 | 0.0372 |
| 71 | 15 | 15 | 134100 | 670.5 | DFT-s-OFDM QPSK | 1@1 | 23.31 | 16.66 | 0.0463 |
| 71 | 15 | 15 | 134100 | 670.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.25 | 15.6 | 0.0363 |
| 71 | 15 | 15 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.23 | 16.58 | 0.0455 |
| 71 | 15 | 15 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.37 | 15.72 | 0.0373 |
| 71 | 15 | 15 | 138100 | 690.5 | DFT-s-OFDM QPSK | 1@1 | 23.26 | 16.61 | 0.0458 |
| 71 | 15 | 15 | 138100 | 690.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.29 | 15.64 | 0.0366 |
| 71 | 15 | 20 | 134600 | 673 | DFT-s-OFDM QPSK | 1@1 | 23.08 | 16.43 | 0.0440 |
| 71 | 15 | 20 | 134600 | 673 | DFT-s-OFDM 16 QAM | 1@1 | 22.25 | 15.6 | 0.0363 |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.48 | 16.83 | 0.0482 |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.69 | 16.04 | 0.0402 |
| 71 | 15 | 20 | 137600 | 688 | DFT-s-OFDM QPSK | 1@1 | 23.18 | 16.53 | 0.0450 |
| 71 | 15 | 20 | 137600 | 688 | DFT-s-OFDM 16 QAM | 1@1 | 22.29 | 15.64 | 0.0366 |
| 71 | 15 | 25 | 135100 | 675.5 | DFT-s-OFDM QPSK | 1@1 | 23.21 | 16.56 | 0.0453 |
| 71 | 15 | 25 | 135100 | 675.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.29 | 15.64 | 0.0366 |
| 71 | 15 | 25 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 22.98 | 16.33 | 0.0430 |
| 71 | 15 | 25 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.07 | 15.42 | 0.0348 |
| 71 | 15 | 25 | 137100 | 685.5 | DFT-s-OFDM QPSK | 1@1 | 23.42 | 16.77 | 0.0475 |
| 71 | 15 | 25 | 137100 | 685.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.55 | 15.9 | 0.0389 |
| 71 | 15 | 30 | 135600 | 678 | DFT-s-OFDM QPSK | 1@1 | 23.22 | 16.57 | 0.0454 |
| 71 | 15 | 30 | 135600 | 678 | DFT-s-OFDM 16 QAM | 1@1 | 22.29 | 15.64 | 0.0366 |
| 71 | 15 | 30 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.29 | 16.64 | 0.0461 |
| 71 | 15 | 30 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.41 | 15.76 | 0.0377 |
| 71 | 15 | 30 | 136600 | 683 | DFT-s-OFDM QPSK | 1@1 | 22.93 | 16.28 | 0.0425 |
| 71 | 15 | 30 | 136600 | 683 | DFT-s-OFDM 16 QAM | 1@1 | 22.03 | 15.38 | 0.0345 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM PI/2 BPSK | 90@45 | 23.44 | 16.79 | 0.0478 |



| | | | | | | | | | |
|----|----|----|--------|-------|----------------------|-------|-------|-------|--------|
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@1 | 23.19 | 16.54 | 0.0451 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM PI/2 BPSK | 1@186 | 23.35 | 16.7 | 0.0468 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 90@45 | 23.45 | 16.8 | 0.0479 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@1 | 23.23 | 16.58 | 0.0455 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@186 | 23.49 | 16.84 | 0.0483 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 90@45 | 22.45 | 15.8 | 0.0380 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@1 | 22.37 | 15.72 | 0.0373 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 16 QAM | 1@186 | 23.14 | 16.49 | 0.0446 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 64 QAM | 90@45 | 20.92 | 14.27 | 0.0267 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 64 QAM | 1@1 | 20.54 | 13.89 | 0.0245 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 64 QAM | 1@186 | 21.29 | 14.64 | 0.0291 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 256 QAM | 90@45 | 18.93 | 12.28 | 0.0169 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 256 QAM | 1@1 | 18.55 | 11.9 | 0.0155 |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM 256 QAM | 1@186 | 19.37 | 12.72 | 0.0187 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM QPSK | 94@47 | 22 | 15.35 | 0.0343 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM QPSK | 1@1 | 21.58 | 14.93 | 0.0311 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM QPSK | 1@186 | 22.4 | 15.75 | 0.0376 |



Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|-------------|-------------|
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0049 | PASS | NV |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0028 | PASS | LV |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0055 | PASS | HV |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0051 | PASS | -30°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0047 | PASS | -20°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0033 | PASS | -10°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0059 | PASS | 0°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0052 | PASS | 10°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0049 | PASS | 20°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0045 | PASS | 30°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0058 | PASS | 40°C |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 0.0024 | PASS | 50°C |



Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|-------------------------|-------|-------------|------------|---------|
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.61 | 13 | PASS |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 100@0 | 5.65 | 13 | PASS |

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



N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



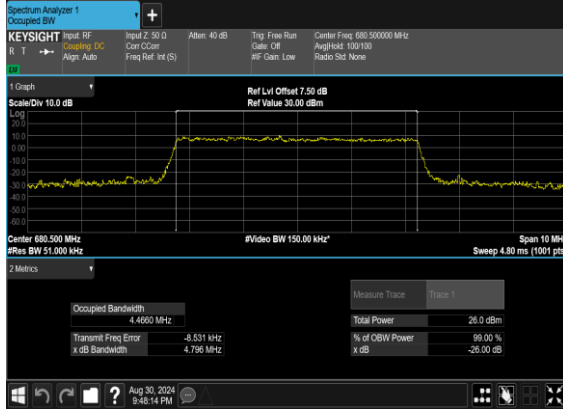


Occupied Bandwidth

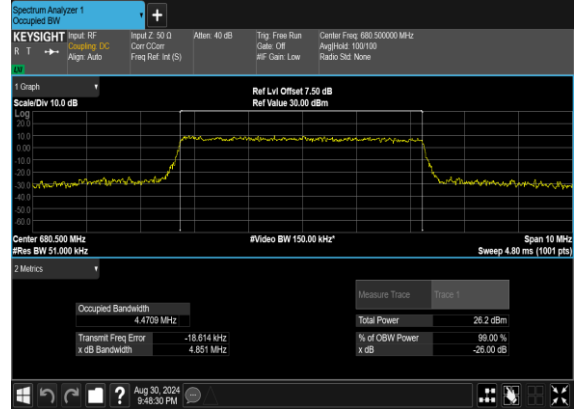
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 71 | 15 | 5 | 136100 | 680.5 | CP-OFDM QPSK | 25@0 | 4.466 | 4.796 |
| 71 | 15 | 5 | 136100 | 680.5 | CP-OFDM 16 QAM | 25@0 | 4.4709 | 4.851 |
| 71 | 15 | 5 | 136100 | 680.5 | CP-OFDM 64 QAM | 25@0 | 4.464 | 4.809 |
| 71 | 15 | 5 | 136100 | 680.5 | CP-OFDM 256 QAM | 25@0 | 4.4682 | 4.786 |
| 71 | 15 | 10 | 136100 | 680.5 | CP-OFDM QPSK | 52@0 | 9.2751 | 9.725 |
| 71 | 15 | 10 | 136100 | 680.5 | CP-OFDM 16 QAM | 52@0 | 9.2765 | 9.732 |
| 71 | 15 | 10 | 136100 | 680.5 | CP-OFDM 64 QAM | 52@0 | 9.2877 | 9.684 |
| 71 | 15 | 10 | 136100 | 680.5 | CP-OFDM 256 QAM | 52@0 | 9.2816 | 9.718 |
| 71 | 15 | 15 | 136100 | 680.5 | CP-OFDM QPSK | 79@0 | 14.078 | 14.67 |
| 71 | 15 | 15 | 136100 | 680.5 | CP-OFDM 16 QAM | 79@0 | 14.091 | 14.68 |
| 71 | 15 | 15 | 136100 | 680.5 | CP-OFDM 64 QAM | 79@0 | 14.135 | 14.74 |
| 71 | 15 | 15 | 136100 | 680.5 | CP-OFDM 256 QAM | 79@0 | 14.146 | 14.69 |
| 71 | 15 | 20 | 136100 | 680.5 | CP-OFDM QPSK | 106@0 | 18.878 | 19.74 |
| 71 | 15 | 20 | 136100 | 680.5 | CP-OFDM 16 QAM | 106@0 | 18.916 | 19.67 |
| 71 | 15 | 20 | 136100 | 680.5 | CP-OFDM 64 QAM | 106@0 | 18.955 | 19.6 |
| 71 | 15 | 20 | 136100 | 680.5 | CP-OFDM 256 QAM | 106@0 | 18.901 | 19.66 |
| 71 | 15 | 25 | 136100 | 680.5 | CP-OFDM QPSK | 133@0 | 23.711 | 24.67 |
| 71 | 15 | 25 | 136100 | 680.5 | CP-OFDM 16 QAM | 133@0 | 23.759 | 24.64 |
| 71 | 15 | 25 | 136100 | 680.5 | CP-OFDM 64 QAM | 133@0 | 23.759 | 24.61 |
| 71 | 15 | 25 | 136100 | 680.5 | CP-OFDM 256 QAM | 133@0 | 23.75 | 24.7 |
| 71 | 15 | 30 | 136100 | 680.5 | CP-OFDM QPSK | 160@0 | 28.525 | 29.67 |
| 71 | 15 | 30 | 136100 | 680.5 | CP-OFDM 16 QAM | 160@0 | 28.491 | 29.65 |
| 71 | 15 | 30 | 136100 | 680.5 | CP-OFDM 64 QAM | 160@0 | 28.568 | 29.54 |
| 71 | 15 | 30 | 136100 | 680.5 | CP-OFDM 256 QAM | 160@0 | 28.512 | 29.53 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM QPSK | 188@0 | 33.507 | 34.69 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM 16 QAM | 188@0 | 33.447 | 34.62 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM 64 QAM | 188@0 | 33.538 | 34.74 |
| 71 | 15 | 35 | 136100 | 680.5 | CP-OFDM 256 QAM | 188@0 | 33.442 | 34.63 |



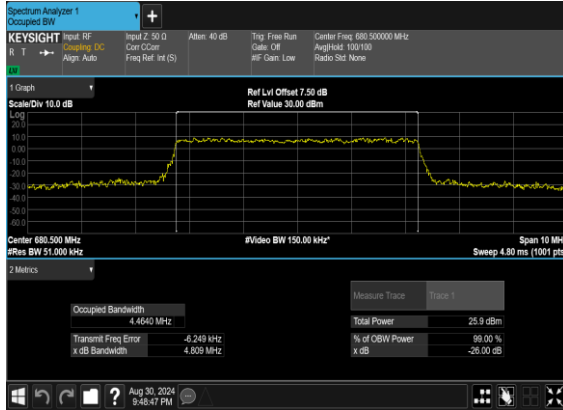
N71(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



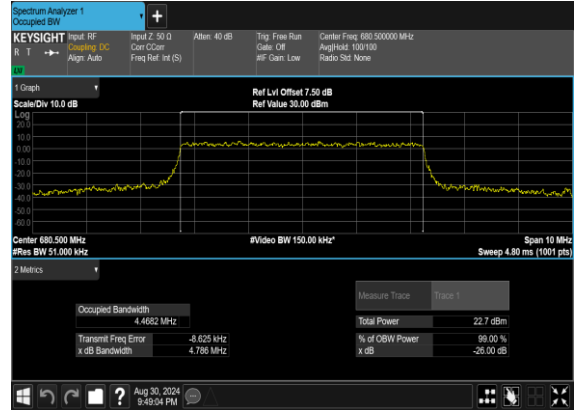
N71(5M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



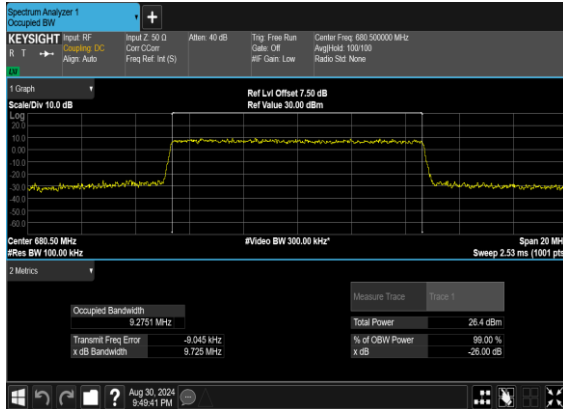
N71(5M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



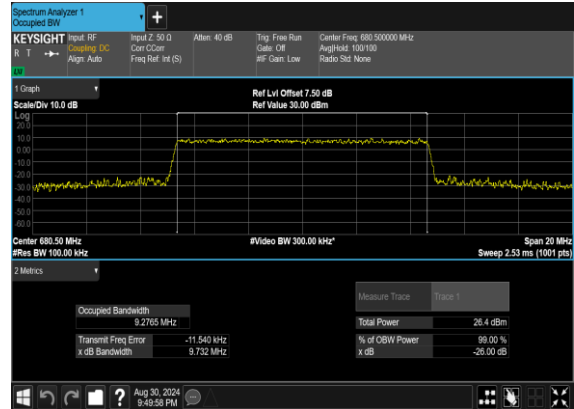
N71(5M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

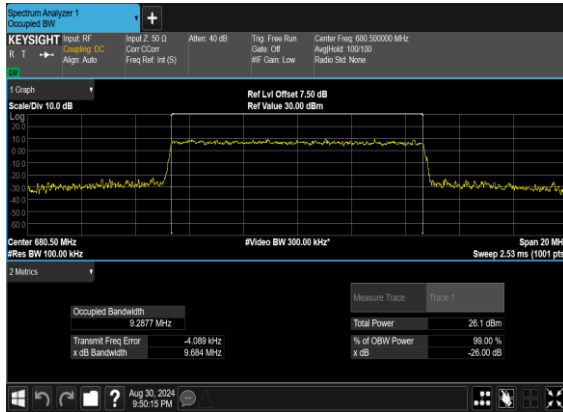


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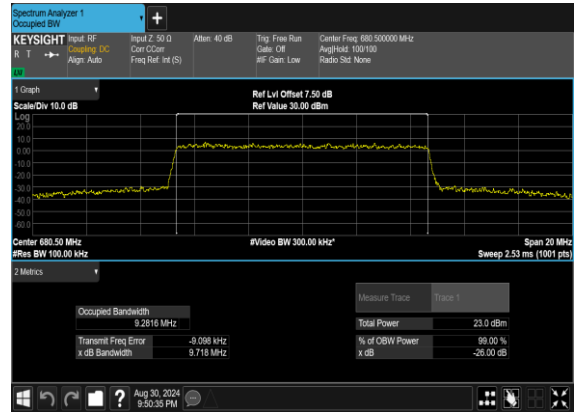




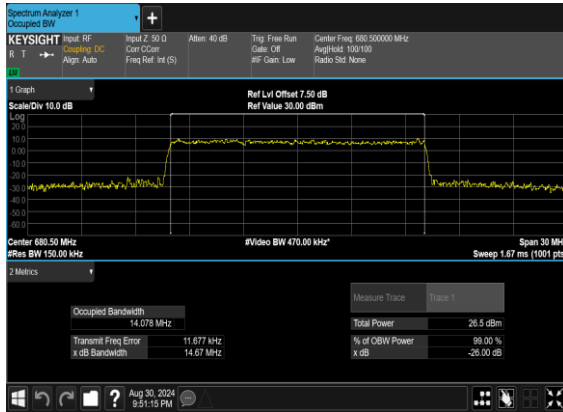
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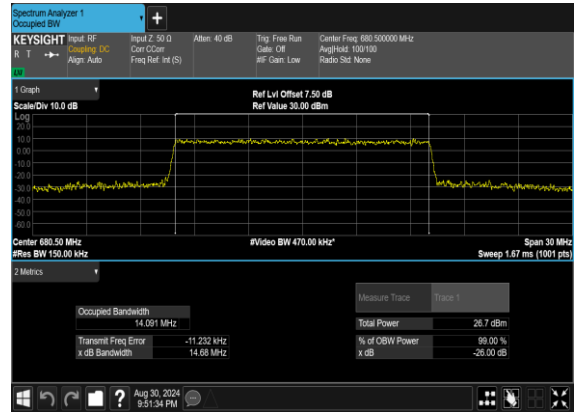
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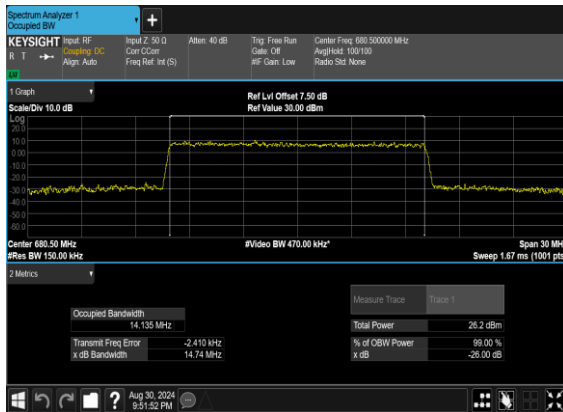
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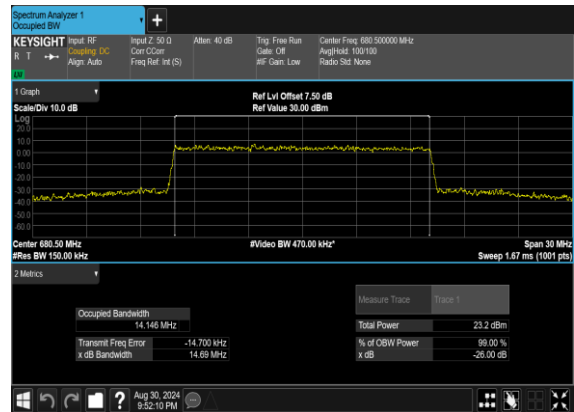
N71(15M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

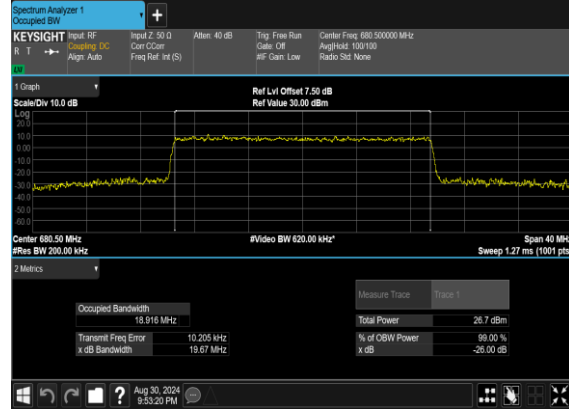




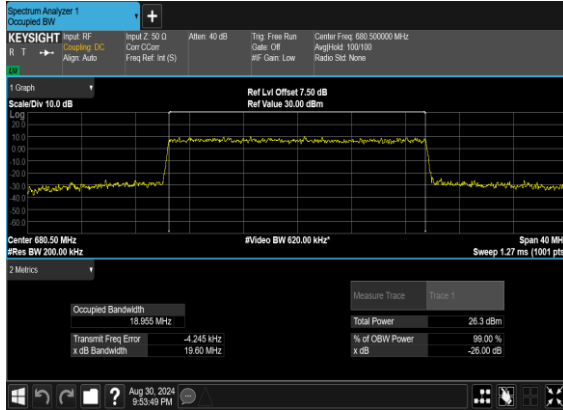
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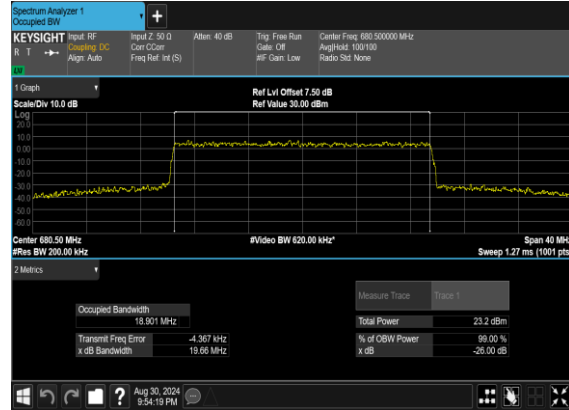
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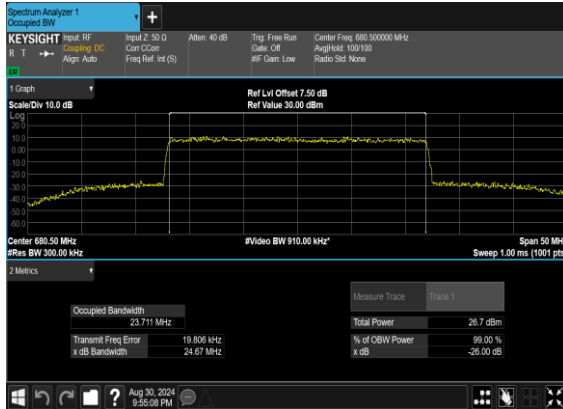
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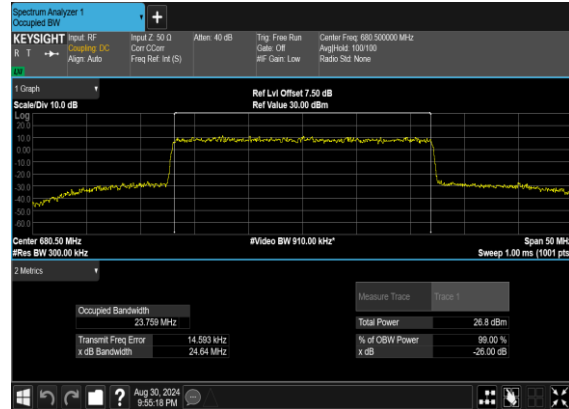
N71(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N71(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

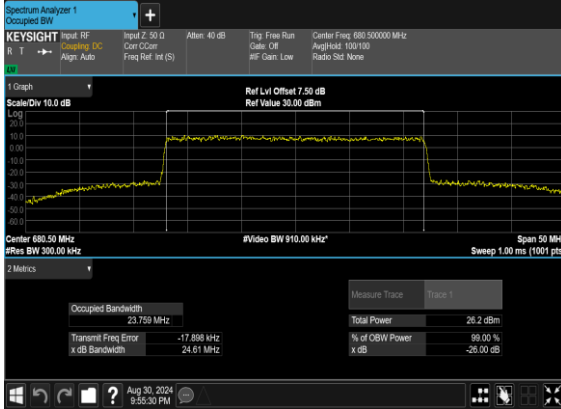


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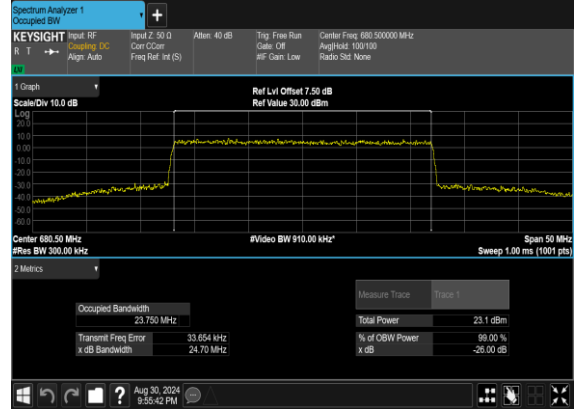




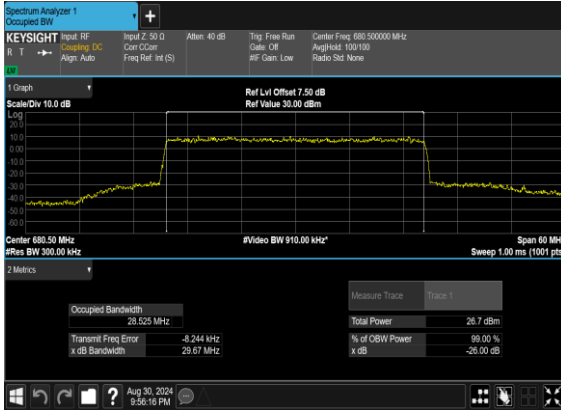
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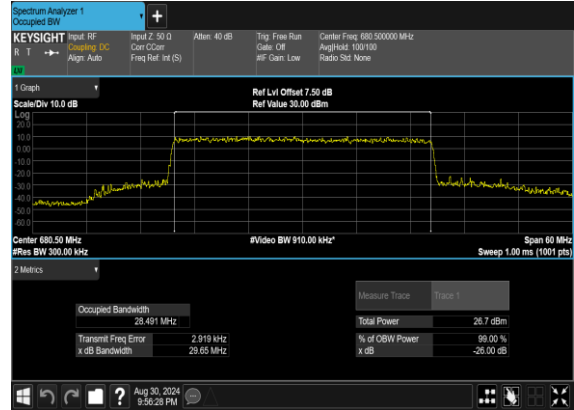
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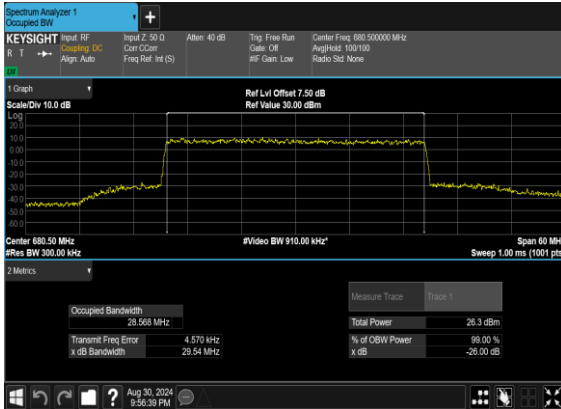
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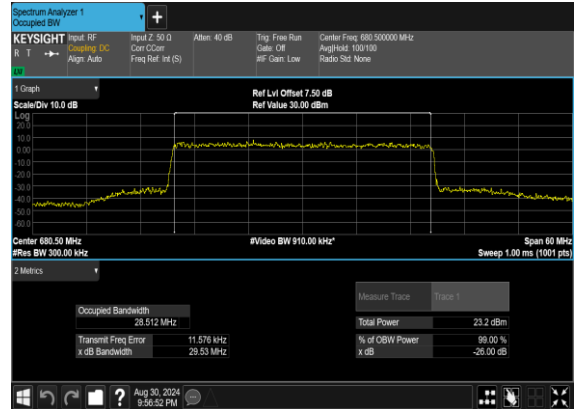
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N71(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

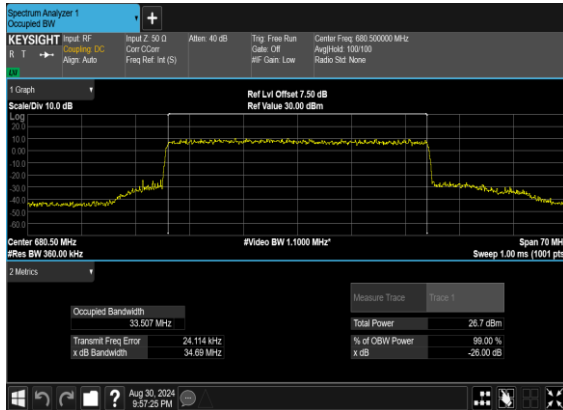


N71(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

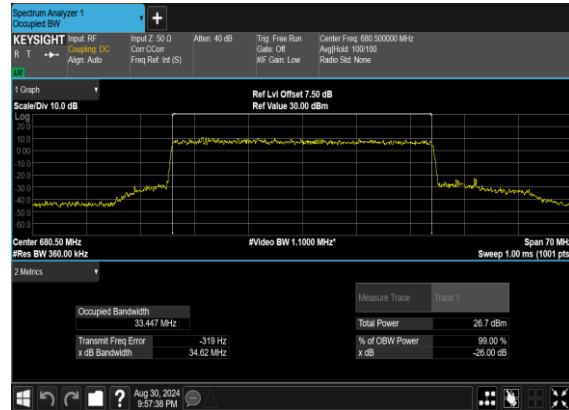




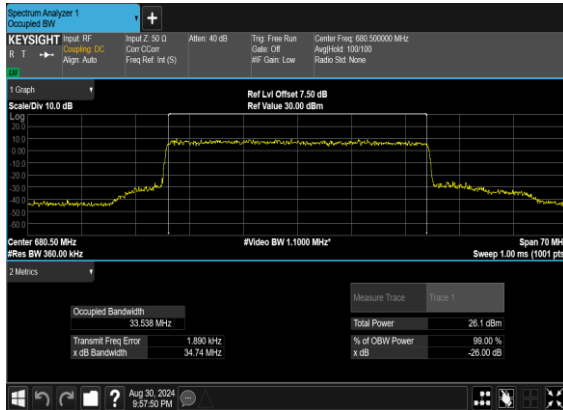
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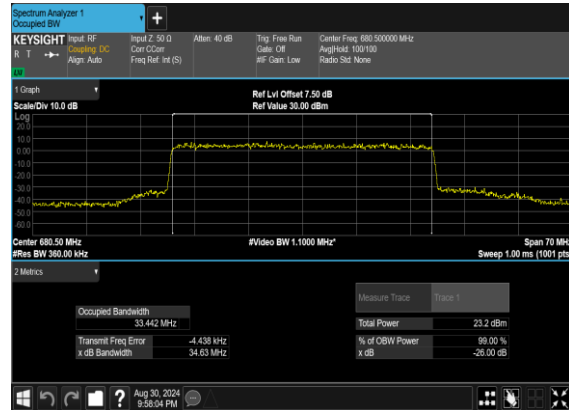
N71(35M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N71(35M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N71(35M)_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 | 133100 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |



| | | | | | | | | |
|----|----|----|--------|-------|--------------------|-----|-----------|-------------|
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | --- |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | --- |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



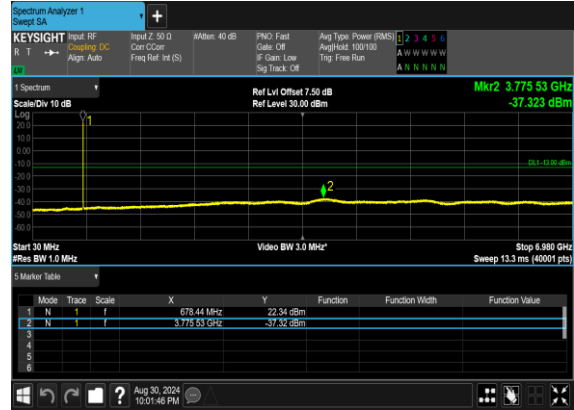
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



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(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



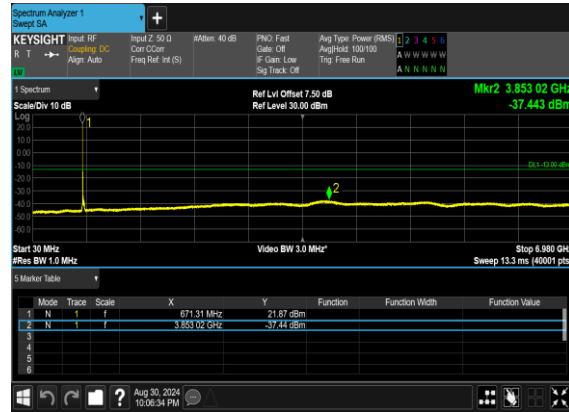
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



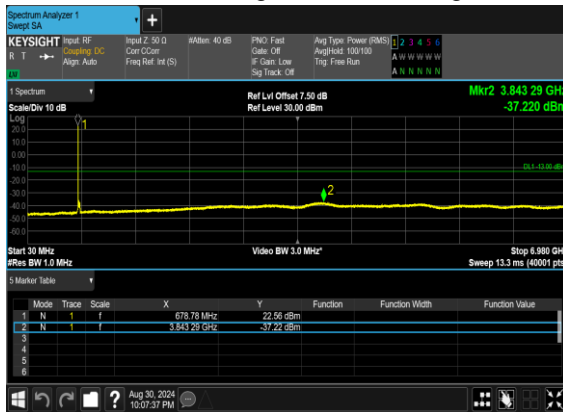
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

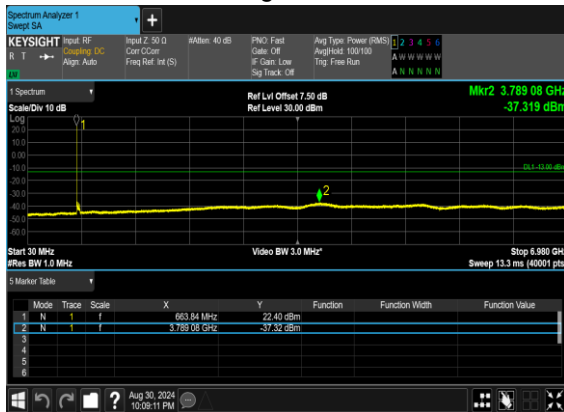


N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

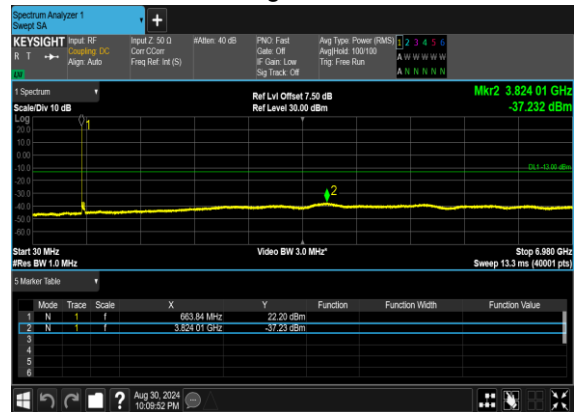




N71(35M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(35M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



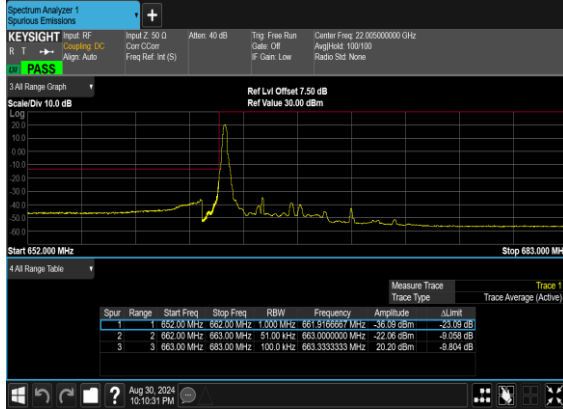


Conducted Band Edge

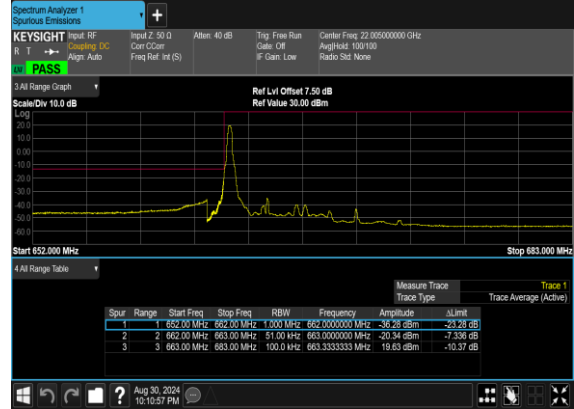
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 71 | 15 | 5 | 133100 | 665.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM BPSK | 1@24 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM QPSK | 1@24 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM BPSK | 25@0 | see graph | PASS |
| 71 | 15 | 5 | 139100 | 695.5 | DFT-s-OFDM QPSK | 25@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 1@105 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 1@105 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 100@0 | see graph | PASS |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 100@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@187 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@187 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM BPSK | 180@0 | see graph | PASS |
| 71 | 15 | 35 | 136100 | 680.5 | DFT-s-OFDM QPSK | 180@0 | see graph | PASS |



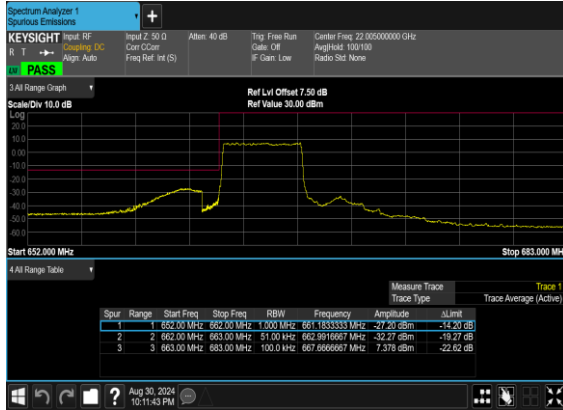
N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



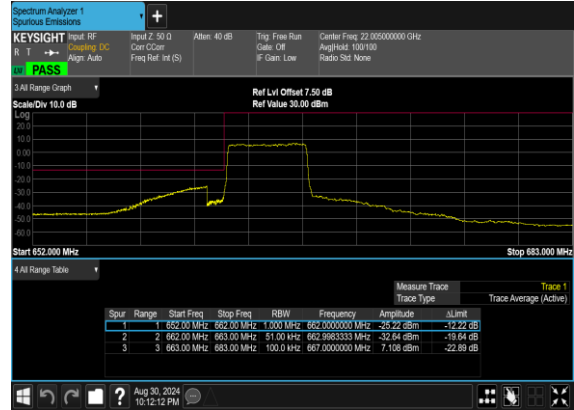
N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



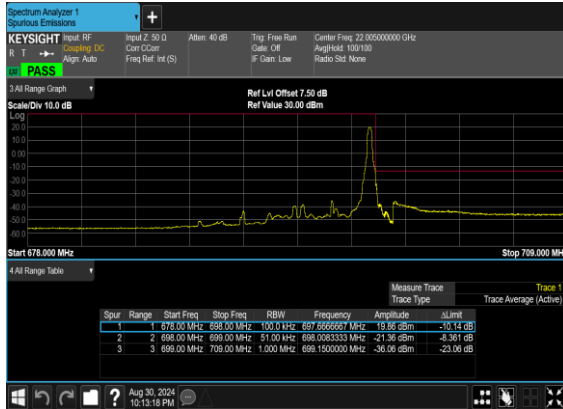
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



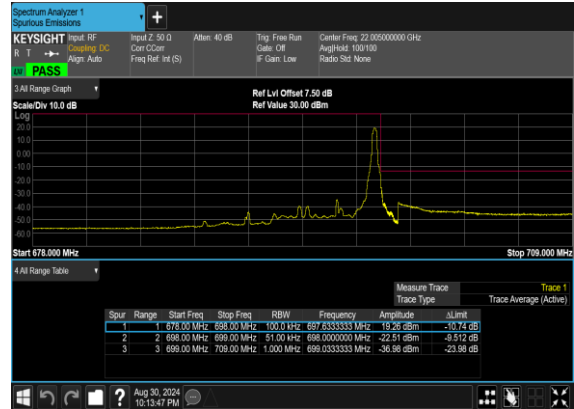
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N71(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH





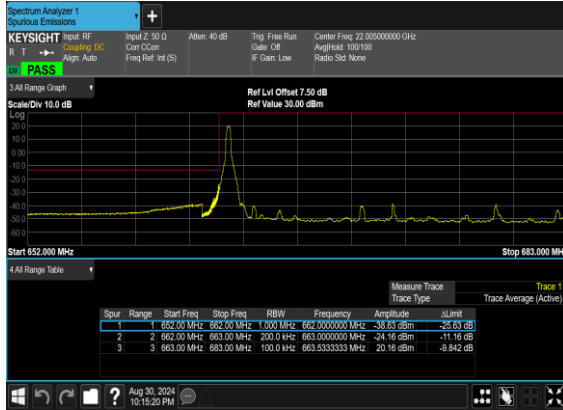
N71(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



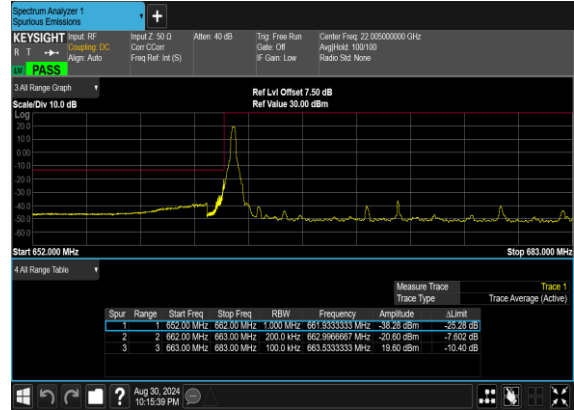
N71(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



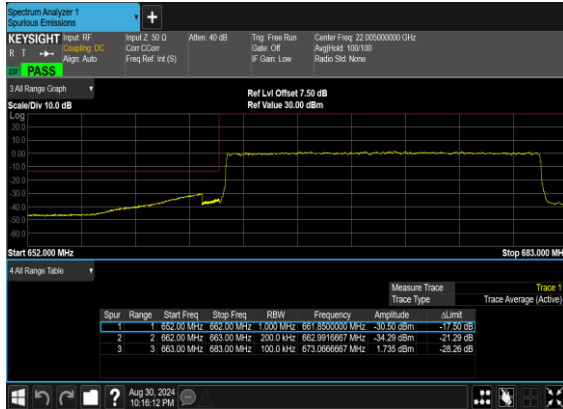
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



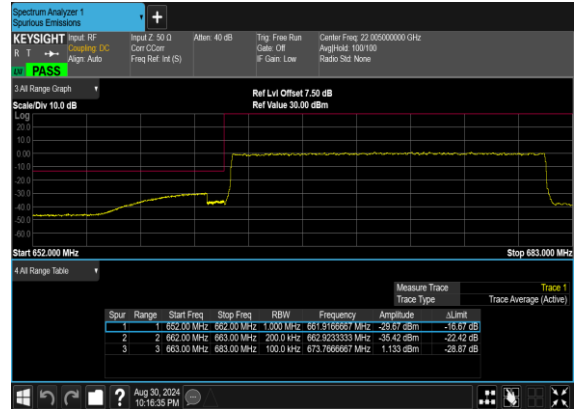
N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

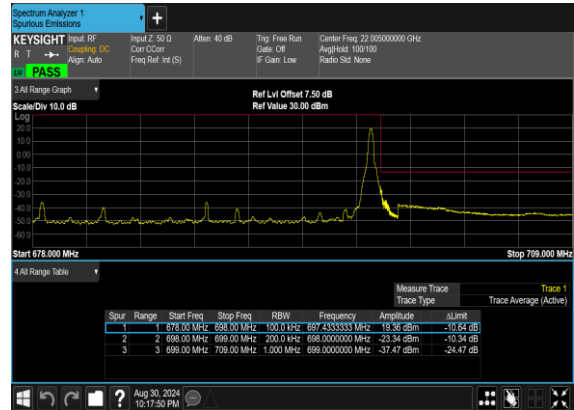




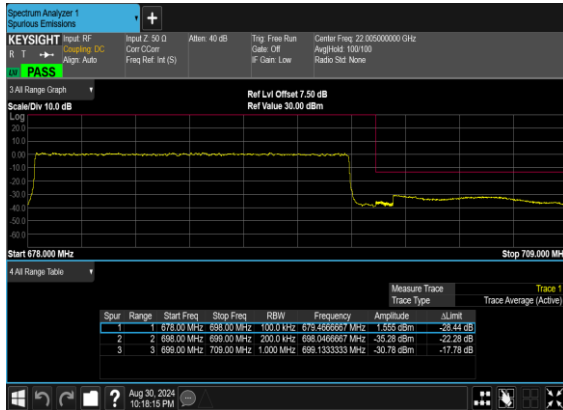
N71(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



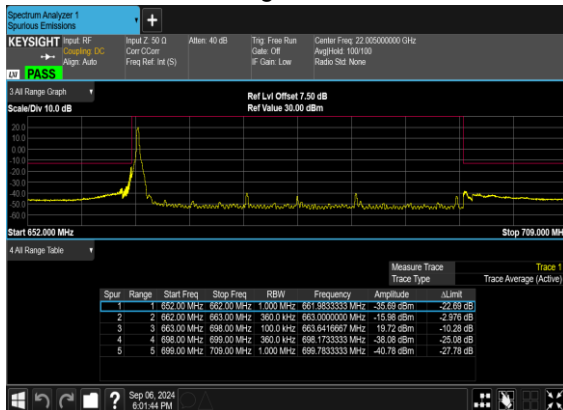
N71(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



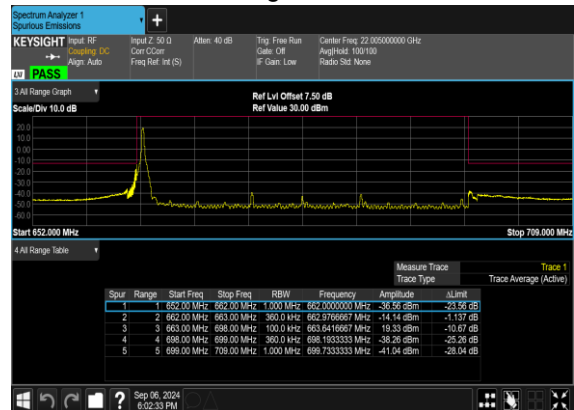
N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N71(35M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH

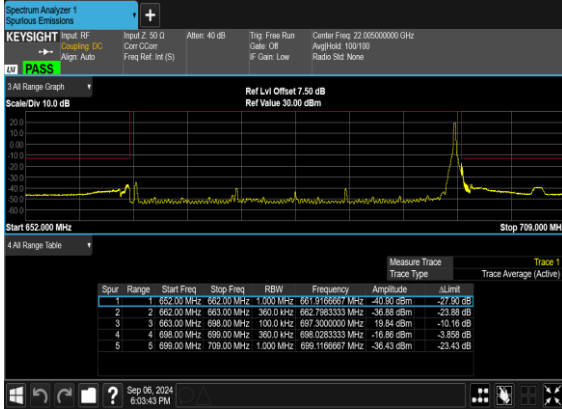


N71(35M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

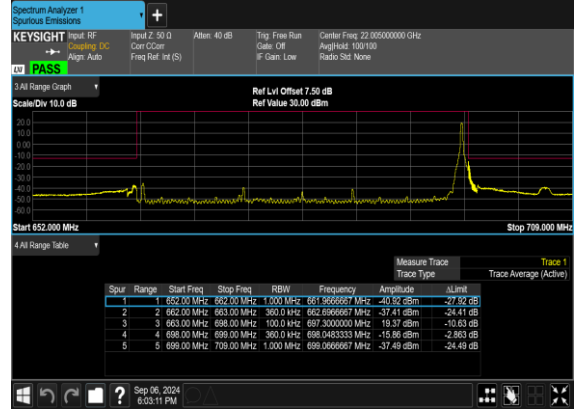




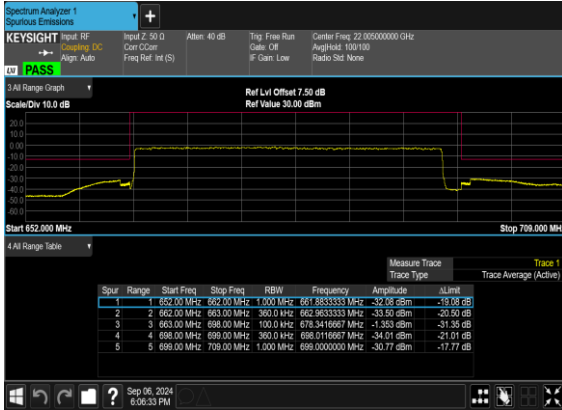
N71(35M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



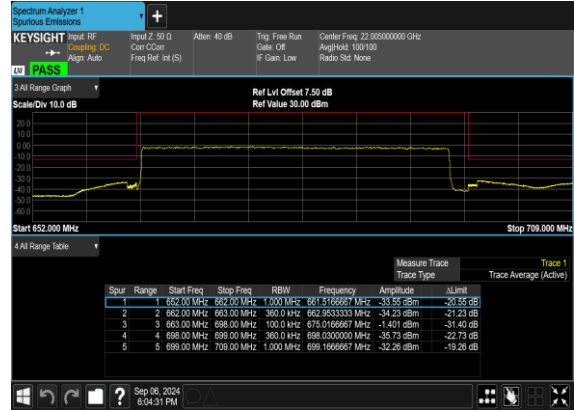
N71(35M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N71(35M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N71(35M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

| | | | |
|-----------------|---------------|---------------------|---------|
| Test Engineer : | Zhaohui Liang | Temperature : | 22~25°C |
| | | Relative Humidity : | 48~52% |

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

| 5G NR n7 SA / NR 50MHz / QPSK(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) |
| Lowest | 5008.00 | -52.27 | -25 | -27.27 | -72.92 | -57.83 | 7.12 | 12.68 | H |
| | 7512.00 | -54.11 | -25 | -29.11 | -79.41 | -57.44 | 8.26 | 11.59 | H |
| | 10016.00 | -52.48 | -25 | -27.48 | -83.12 | -54.01 | 10.45 | 11.98 | H |
| | 5008.00 | -47.87 | -25 | -22.87 | -68.59 | -53.43 | 7.12 | 12.68 | V |
| | 7512.00 | -54.84 | -25 | -29.84 | -80.13 | -58.17 | 8.26 | 11.59 | V |
| | 10016.00 | -51.91 | -25 | -26.91 | -80.92 | -53.44 | 10.45 | 11.98 | V |
| Middle | 5025.00 | -51.11 | -25 | -26.11 | -71.72 | -56.67 | 7.14 | 12.70 | H |
| | 7537.50 | -54.67 | -25 | -29.67 | -79.89 | -57.97 | 8.30 | 11.60 | H |
| | 10050.00 | -52.24 | -25 | -27.24 | -82.91 | -53.76 | 10.48 | 12.00 | H |
| | 5025.00 | -47.00 | -25 | -22.00 | -67.7 | -52.56 | 7.14 | 12.70 | V |
| | 7537.50 | -54.68 | -25 | -29.68 | -79.87 | -57.98 | 8.30 | 11.60 | V |
| | 10050.00 | -51.80 | -25 | -26.80 | -80.91 | -53.32 | 10.48 | 12.00 | V |
| Highest | 5042.00 | -50.51 | -25 | -25.51 | -71.08 | -56.07 | 7.16 | 12.72 | H |
| | 7563.00 | -54.88 | -25 | -29.88 | -80.03 | -58.18 | 8.33 | 11.63 | H |
| | 10084.00 | -52.29 | -25 | -27.29 | -83.00 | -53.89 | 10.50 | 12.10 | H |
| | 5042.00 | -45.63 | -25 | -20.63 | -66.32 | -51.19 | 7.16 | 12.72 | V |
| | 7563.00 | -55.04 | -25 | -30.04 | -80.16 | -58.34 | 8.33 | 11.63 | V |
| | 10084.00 | -51.38 | -25 | -26.38 | -80.61 | -52.98 | 10.50 | 12.10 | V |

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



| EN-DC_2A_n7A / LTE 10MHz + NR 50MHz / QPSK (ANT4+1) | | | | | | | | | |
|---|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 5001.68 | -59.84 | -25 | -34.84 | -81.93 | -65.40 | 7.12 | 12.68 | H |
| | 7502.52 | -54.11 | -25 | -29.11 | -80.97 | -57.44 | 8.26 | 11.59 | H |
| | 10003.36 | -49.85 | -25 | -24.85 | -81.38 | -51.38 | 10.45 | 11.98 | H |
| | 5001.68 | -58.17 | -25 | -33.17 | -80.95 | -63.73 | 7.12 | 12.68 | V |
| | 7502.52 | -54.22 | -25 | -29.22 | -80.86 | -57.55 | 8.26 | 11.59 | V |
| | 10003.36 | -51.70 | -25 | -26.70 | -82.41 | -53.23 | 10.45 | 11.98 | V |
| LTE Band2 Lowest | 3751 | -61.18 | -13 | -48.18 | -79.80 | -67.93 | 5.85 | 12.60 | H |
| | 5626.5 | -58.56 | -13 | -45.56 | -81.38 | -64.36 | 7.30 | 13.10 | H |
| | 7502 | -54.11 | -13 | -41.11 | -81.01 | -57.26 | 8.35 | 11.50 | H |
| | 3751 | -61.15 | -13 | -48.15 | -79.7 | -67.90 | 5.85 | 12.60 | V |
| | 5626.5 | -59.05 | -13 | -46.05 | -81.59 | -64.85 | 7.30 | 13.10 | V |
| | 7502 | -54.22 | -13 | -41.22 | -81.11 | -57.37 | 8.35 | 11.50 | V |
| NR n7 Middle | 5021.69 | -59.43 | -25 | -34.43 | -81.46 | -64.99 | 7.14 | 12.70 | H |
| | 7532.54 | -53.66 | -25 | -28.66 | -80.46 | -56.96 | 8.30 | 11.60 | H |
| | 10043.38 | -49.83 | -25 | -24.83 | -81.31 | -51.35 | 10.48 | 12.00 | H |
| | 5021.69 | -57.11 | -25 | -32.11 | -80.29 | -62.67 | 7.14 | 12.70 | V |
| | 7532.54 | -53.98 | -25 | -28.98 | -81.01 | -57.28 | 8.30 | 11.60 | V |
| | 10043.38 | -51.18 | -25 | -26.18 | -82.11 | -52.70 | 10.48 | 12.00 | V |
| LTE Band2 Middle | 3751 | -60.65 | -13 | -47.65 | -79.27 | -67.40 | 5.85 | 12.60 | H |
| | 5626.5 | -58.02 | -13 | -45.02 | -80.84 | -63.82 | 7.30 | 13.10 | H |
| | 7502 | -54.00 | -13 | -41.00 | -80.90 | -57.15 | 8.35 | 11.50 | H |
| | 3751 | -60.94 | -13 | -47.94 | -79.49 | -67.69 | 5.85 | 12.60 | V |
| | 5626.5 | -58.84 | -13 | -45.84 | -81.38 | -64.64 | 7.30 | 13.10 | V |
| | 7502 | -54.06 | -13 | -41.06 | -80.95 | -57.21 | 8.35 | 11.50 | V |
| NR n7 Highest | 5041.68 | -59.99 | -25 | -34.99 | -81.99 | -65.55 | 7.16 | 12.72 | H |
| | 7562.52 | -54.18 | -25 | -29.18 | -80.88 | -57.48 | 8.33 | 11.63 | H |
| | 10083.36 | -50.11 | -25 | -25.11 | -81.54 | -51.71 | 10.50 | 12.10 | H |
| | 5041.68 | -58.07 | -25 | -33.07 | -80.19 | -63.63 | 7.16 | 12.72 | V |
| | 7562.52 | -54.39 | -25 | -29.39 | -81.06 | -57.69 | 8.33 | 11.63 | V |
| | 10083.36 | -51.75 | -25 | -26.75 | -81.7 | -53.35 | 10.50 | 12.10 | V |
| LTE Band2 Highest | 3751 | -61.14 | -13 | -48.14 | -79.76 | -67.89 | 5.85 | 12.60 | H |
| | 5626.5 | -58.61 | -13 | -45.61 | -81.43 | -64.41 | 7.30 | 13.10 | H |
| | 7502 | -54.24 | -13 | -41.24 | -81.14 | -57.39 | 8.35 | 11.50 | H |
| | 3751 | -61.22 | -13 | -48.22 | -79.77 | -67.97 | 5.85 | 12.60 | V |
| | 5626.5 | -59.33 | -13 | -46.33 | -81.87 | -65.13 | 7.30 | 13.10 | V |
| | 7502 | -54.30 | -13 | -41.30 | -81.19 | -57.45 | 8.35 | 11.50 | V |

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



| 5G NR n12 SA / NR 15MHz / QPSK(ANT0) | | | | | | | | | |
|--------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1397.3 | -66.73 | -13 | -53.73 | -77.31 | -69.96 | 3.98 | 9.36 | H |
| | 2096 | -62.07 | -13 | -49.07 | -75.09 | -65.62 | 4.85 | 10.55 | H |
| | 2794.6 | -61.47 | -13 | -48.47 | -76.82 | -66.40 | 5.50 | 12.58 | H |
| | 1397.3 | -64.54 | -13 | -51.54 | -74.69 | -67.77 | 3.98 | 9.36 | V |
| | 2096 | -62.50 | -13 | -49.50 | -75.46 | -66.05 | 4.85 | 10.55 | V |
| | 2794.6 | -60.69 | -13 | -47.69 | -76.23 | -65.62 | 5.50 | 12.58 | V |
| Middle | 1401.3 | -66.91 | -13 | -53.91 | -77.64 | -70.16 | 4.00 | 9.40 | H |
| | 2102 | -62.27 | -13 | -49.27 | -75.60 | -65.84 | 4.88 | 10.60 | H |
| | 2802.6 | -60.84 | -13 | -47.84 | -76.18 | -65.77 | 5.52 | 12.60 | H |
| | 1401.3 | -65.75 | -13 | -52.75 | -76.04 | -69.00 | 4.00 | 9.40 | V |
| | 2102 | -62.24 | -13 | -49.24 | -75.52 | -65.81 | 4.88 | 10.60 | V |
| | 2802.6 | -60.36 | -13 | -47.36 | -75.89 | -65.29 | 5.52 | 12.60 | V |
| Highest | 1402.6 | -66.66 | -13 | -53.66 | -77.39 | -69.83 | 4.10 | 9.42 | H |
| | 2104 | -62.55 | -13 | -49.55 | -75.88 | -66.13 | 4.90 | 10.63 | H |
| | 2805.3 | -61.42 | -13 | -48.42 | -76.75 | -66.34 | 5.55 | 12.62 | H |
| | 1402.6 | -65.09 | -13 | -52.09 | -75.38 | -68.26 | 4.10 | 9.42 | V |
| | 2104 | -62.20 | -13 | -49.20 | -75.48 | -65.78 | 4.90 | 10.63 | V |
| | 2805.3 | -60.44 | -13 | -47.44 | -75.96 | -65.36 | 5.55 | 12.62 | V |

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



| EN-DC_2A_n12A / LTE 10MHz + NR 15MHz / QPSK (ANT0+4) | | | | | | | | | |
|--|-------------------|------------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP/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 n12 Lowest | 1399.08 | -64.47 | -13 | -51.47 | -75.06 | -67.70 | 3.98 | 9.36 | H |
| | 2098.62 | -63.27 | -13 | -50.27 | -76.30 | -66.82 | 4.85 | 10.55 | H |
| | 2798.16 | -61.80 | -13 | -48.80 | -77.78 | -66.73 | 5.50 | 12.58 | H |
| | 1399.08 | -64.88 | -13 | -51.88 | -75.04 | -68.11 | 3.98 | 9.36 | V |
| | 2098.62 | -62.25 | -13 | -49.25 | -75.23 | -65.80 | 4.85 | 10.55 | V |
| | 2798.16 | -61.45 | -13 | -48.45 | -77.62 | -66.38 | 5.50 | 12.58 | V |
| LTE Band2 Lowest | 3751 | -61.64 | -13 | -48.64 | -80.26 | -68.39 | 5.85 | 12.60 | H |
| | 5626.5 | -58.96 | -13 | -45.96 | -81.78 | -64.76 | 7.30 | 13.10 | H |
| | 7502 | -54.69 | -13 | -41.69 | -81.59 | -57.84 | 8.35 | 11.50 | H |
| | 3751 | -61.69 | -13 | -48.69 | -80.24 | -68.44 | 5.85 | 12.60 | V |
| | 5626.5 | -59.68 | -13 | -46.68 | -82.22 | -65.48 | 7.30 | 13.10 | V |
| | 7502 | -54.67 | -13 | -41.67 | -81.56 | -57.82 | 8.35 | 11.50 | V |
| NR n12 Middle | 1401.7 | -64.43 | -13 | -51.43 | -75.15 | -67.68 | 4.00 | 9.40 | H |
| | 2101.62 | -63.62 | -13 | -50.62 | -76.65 | -67.19 | 4.88 | 10.60 | H |
| | 2802.16 | -61.57 | -13 | -48.57 | -77.55 | -66.50 | 5.52 | 12.60 | H |
| | 1401.7 | -65.05 | -13 | -52.05 | -75.33 | -68.30 | 4.00 | 9.40 | V |
| | 2101.62 | -62.45 | -13 | -49.45 | -75.43 | -66.02 | 4.88 | 10.60 | V |
| | 2802.16 | -61.68 | -13 | -48.68 | -77.85 | -66.61 | 5.52 | 12.60 | V |
| LTE Band2 Middle | 3751 | -61.78 | -13 | -48.78 | -80.40 | -68.53 | 5.85 | 12.60 | H |
| | 5626.5 | -59.26 | -13 | -46.26 | -82.08 | -65.06 | 7.30 | 13.10 | H |
| | 7502 | -54.57 | -13 | -41.57 | -81.47 | -57.72 | 8.35 | 11.50 | H |
| | 3751 | -61.88 | -13 | -48.88 | -80.43 | -68.63 | 5.85 | 12.60 | V |
| | 5626.5 | -59.71 | -13 | -46.71 | -82.25 | -65.51 | 7.30 | 13.10 | V |
| | 7502 | -54.77 | -13 | -41.77 | -81.66 | -57.92 | 8.35 | 11.50 | V |
| NR n12 Highest | 1403.08 | -64.60 | -13 | -51.60 | -75.33 | -67.77 | 4.10 | 9.42 | H |
| | 2104.62 | -63.53 | -13 | -50.53 | -76.57 | -67.11 | 4.90 | 10.63 | H |
| | 2806.16 | -62.07 | -13 | -49.07 | -78.05 | -66.99 | 5.55 | 12.62 | H |
| | 1403.08 | -64.89 | -13 | -51.89 | -75.18 | -68.06 | 4.10 | 9.42 | V |
| | 2104.62 | -62.31 | -13 | -49.31 | -75.30 | -65.89 | 4.90 | 10.63 | V |
| | 2806.16 | -62.00 | -13 | -49.00 | -78.17 | -66.92 | 5.55 | 12.62 | V |
| LTE Band2 Highest | 3751 | -61.45 | -13 | -48.45 | -80.07 | -68.20 | 5.85 | 12.60 | H |
| | 5626.5 | -59.24 | -13 | -46.24 | -82.06 | -65.04 | 7.30 | 13.10 | H |
| | 7502 | -54.98 | -13 | -41.98 | -81.88 | -58.13 | 8.35 | 11.50 | H |
| | 3751 | -61.67 | -13 | -48.67 | -80.22 | -68.42 | 5.85 | 12.60 | V |
| | 5626.5 | -59.55 | -13 | -46.55 | -82.09 | -65.35 | 7.30 | 13.10 | V |
| | 7502 | -55.00 | -13 | -42.00 | -81.89 | -58.15 | 8.35 | 11.50 | V |

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



| 5G NR n41 SA / NR 100MHz / QPSK(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) |
| Lowest | 4994.80 | -51.85 | -25 | -26.85 | -72.54 | -57.41 | 7.12 | 12.68 | H |
| | 7492.20 | -54.63 | -25 | -29.63 | -79.99 | -57.96 | 8.26 | 11.59 | H |
| | 9989.60 | -52.76 | -25 | -27.76 | -83.39 | -54.29 | 10.45 | 11.98 | H |
| | 4994.80 | -50.79 | -25 | -25.79 | -71.53 | -56.35 | 7.12 | 12.68 | V |
| | 7492.20 | -54.21 | -25 | -29.21 | -79.56 | -57.54 | 8.26 | 11.59 | V |
| | 9989.60 | -52.21 | -25 | -27.21 | -81.17 | -53.74 | 10.45 | 11.98 | V |
| Middle | 5089.00 | -42.96 | -25 | -17.96 | -63.40 | -48.52 | 7.14 | 12.70 | H |
| | 7633.50 | -55.04 | -25 | -30.04 | -80.15 | -58.34 | 8.30 | 11.60 | H |
| | 10178.00 | -52.12 | -25 | -27.12 | -82.91 | -53.64 | 10.48 | 12.00 | H |
| | 5089.00 | -46.60 | -25 | -21.60 | -67.22 | -52.16 | 7.14 | 12.70 | V |
| | 7633.50 | -53.89 | -25 | -28.89 | -78.92 | -57.19 | 8.30 | 11.60 | V |
| | 10178.00 | -50.49 | -25 | -25.49 | -80.03 | -52.01 | 10.48 | 12.00 | V |
| Highest | 5182.80 | -42.97 | -25 | -17.97 | -63.20 | -48.53 | 7.16 | 12.72 | H |
| | 7774.20 | -55.12 | -25 | -30.12 | -80.40 | -58.42 | 8.33 | 11.63 | H |
| | 10365.60 | -51.72 | -25 | -26.72 | -82.68 | -53.32 | 10.50 | 12.10 | H |
| | 5182.80 | -49.81 | -25 | -24.81 | -70.33 | -55.37 | 7.16 | 12.72 | V |
| | 7774.20 | -51.19 | -25 | -26.19 | -76.31 | -54.49 | 8.33 | 11.63 | V |
| | 10365.60 | -49.97 | -25 | -24.97 | -80.1 | -51.57 | 10.50 | 12.10 | V |

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



| EN-DC 25A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT1+4) | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 | 4994.38 | -59.19 | -25 | -34.19 | -81.28 | -64.75 | 7.12 | 12.68 | H |
| | 7491.57 | -54.83 | -25 | -29.83 | -81.73 | -58.16 | 8.26 | 11.59 | H |
| | 9988.76 | -50.64 | -25 | -25.64 | -82.17 | -52.17 | 10.45 | 11.98 | H |
| | 4994.38 | -54.04 | -25 | -29.04 | -76.18 | -59.60 | 7.12 | 12.68 | V |
| | 7491.57 | -54.77 | -25 | -29.77 | -81.66 | -58.10 | 8.26 | 11.59 | V |
| | 9988.76 | -52.26 | -25 | -27.26 | -82.12 | -53.79 | 10.45 | 11.98 | V |
| LTE Band25 Lowest | 3756 | -61.57 | -13 | -48.57 | -80.20 | -68.32 | 5.85 | 12.60 | H |
| | 5634 | -58.81 | -13 | -45.81 | -82.07 | -64.61 | 7.30 | 13.10 | H |
| | 7512 | -54.27 | -13 | -41.27 | -81.12 | -57.42 | 8.35 | 11.50 | H |
| | 3756 | -61.33 | -13 | -48.33 | -79.89 | -68.08 | 5.85 | 12.60 | V |
| | 5634 | -59.42 | -13 | -46.42 | -81.93 | -65.22 | 7.30 | 13.10 | V |
| | 7512 | -54.71 | -13 | -41.71 | -81.55 | -57.86 | 8.35 | 11.50 | V |
| NR n41 Middle | 5088.34 | -54.73 | -25 | -29.73 | -76.69 | -60.29 | 7.14 | 12.70 | H |
| | 7632.51 | -54.44 | -25 | -29.44 | -81.09 | -57.74 | 8.30 | 11.60 | H |
| | 10176.68 | -50.08 | -25 | -25.08 | -81.40 | -51.60 | 10.48 | 12.00 | H |
| | 5088.34 | -52.27 | -25 | -27.27 | -74.39 | -57.83 | 7.14 | 12.70 | V |
| | 7632.51 | -54.53 | -25 | -29.53 | -81.1 | -57.83 | 8.30 | 11.60 | V |
| | 10176.68 | -51.37 | -25 | -26.37 | -81.44 | -52.89 | 10.48 | 12.00 | V |
| LTE Band25 Middle | 3756 | -61.47 | -13 | -48.47 | -80.10 | -68.22 | 5.85 | 12.60 | H |
| | 5634 | -58.67 | -13 | -45.67 | -81.93 | -64.47 | 7.30 | 13.10 | H |
| | 7512 | -54.48 | -13 | -41.48 | -81.33 | -57.63 | 8.35 | 11.50 | H |
| | 3756 | -61.66 | -13 | -48.66 | -80.22 | -68.41 | 5.85 | 12.60 | V |
| | 5634 | -59.31 | -13 | -46.31 | -81.82 | -65.11 | 7.30 | 13.10 | V |
| | 7512 | -54.73 | -13 | -41.73 | -81.57 | -57.88 | 8.35 | 11.50 | V |
| NR n41 Highest | 5634.00 | -58.64 | -25 | -33.64 | -81.90 | -64.20 | 7.16 | 12.72 | H |
| | 7773.54 | -54.40 | -25 | -29.40 | -81.21 | -57.70 | 8.33 | 11.63 | H |
| | 10364.72 | -50.69 | -25 | -25.69 | -81.78 | -52.29 | 10.50 | 12.10 | H |
| | 5182.36 | -50.12 | -25 | -25.12 | -72.21 | -55.68 | 7.16 | 12.72 | V |
| | 7773.54 | -54.58 | -25 | -29.58 | -81.23 | -57.88 | 8.33 | 11.63 | V |
| | 10364.72 | -51.80 | -25 | -26.80 | -82.06 | -53.40 | 10.50 | 12.10 | V |
| LTE Band25 Highest | 3756 | -61.37 | -13 | -48.37 | -80.00 | -68.12 | 5.85 | 12.60 | H |
| | 5634 | -58.64 | -13 | -45.64 | -81.90 | -64.44 | 7.30 | 13.10 | H |
| | 7512 | -54.78 | -13 | -41.78 | -81.63 | -57.93 | 8.35 | 11.50 | H |
| | 3756 | -61.63 | -13 | -48.63 | -80.19 | -68.38 | 5.85 | 12.60 | V |
| | 5634 | -59.42 | -13 | -46.42 | -81.93 | -65.22 | 7.30 | 13.10 | V |
| | 7512 | -54.62 | -13 | -41.62 | -81.46 | -57.77 | 8.35 | 11.50 | V |

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



| 5G NR n71 SA / NR 30MHz / QPSK(ANT4) | | | | | | | | | |
|--------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | SPA Reading (dBm) | S.G. Power (dBm) | TX Cable loss (dB) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest | 1329 | -66.67 | -13 | -53.67 | -76.43 | -69.90 | 3.98 | 9.36 | H |
| | 1993.5 | -62.28 | -13 | -49.28 | -73.66 | -65.83 | 4.85 | 10.55 | H |
| | 2658 | -60.64 | -13 | -47.64 | -75.39 | -65.57 | 5.50 | 12.58 | H |
| | 1329 | -65.66 | -13 | -52.66 | -75.06 | -68.89 | 3.98 | 9.36 | V |
| | 1993.5 | -62.06 | -13 | -49.06 | -73.29 | -65.61 | 4.85 | 10.55 | V |
| | 2658 | -60.56 | -13 | -47.56 | -75.30 | -65.49 | 5.50 | 12.58 | V |
| Middle | 1334 | -66.63 | -13 | -53.63 | -76.54 | -69.88 | 4.00 | 9.40 | H |
| | 2001 | -62.20 | -13 | -49.20 | -73.63 | -65.77 | 4.88 | 10.60 | H |
| | 2668 | -60.58 | -13 | -47.58 | -75.32 | -65.51 | 5.52 | 12.60 | H |
| | 1334 | -65.70 | -13 | -52.70 | -75.24 | -68.95 | 4.00 | 9.40 | V |
| | 2001 | -61.94 | -13 | -48.94 | -73.25 | -65.51 | 4.88 | 10.60 | V |
| | 2668 | -60.10 | -13 | -47.10 | -74.83 | -65.03 | 5.52 | 12.60 | V |
| Highest | 1339 | -66.64 | -13 | -53.64 | -77.65 | -69.81 | 4.10 | 9.42 | H |
| | 2008.5 | -62.29 | -13 | -49.29 | -79.92 | -65.87 | 4.90 | 10.63 | H |
| | 2678 | -60.63 | -13 | -47.63 | -80.26 | -65.55 | 5.55 | 12.62 | H |
| | 1339 | -65.24 | -13 | -52.24 | -77.20 | -68.41 | 4.10 | 9.42 | V |
| | 2008.5 | -62.49 | -13 | -49.49 | -80.02 | -66.07 | 4.90 | 10.63 | V |
| | 2678 | -60.40 | -13 | -47.40 | -80.49 | -65.32 | 5.55 | 12.62 | V |

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

| EN-DC 48A_n71A / LTE 10MHz + NR 35MHz / QPSK (ANT5+0) | | | | | | | | | |
|---|-------------------|------------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP/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 Middle | 1329.5 | -64.70 | -13 | -51.70 | -74.60 | -67.95 | 4.00 | 9.40 | H |
| | 1994.25 | -64.94 | -13 | -51.94 | -75.93 | -68.51 | 4.88 | 10.60 | H |
| | 2659 | -61.78 | -13 | -48.78 | -76.92 | -66.71 | 5.52 | 12.60 | H |
| | 1329.5 | -64.54 | -13 | -51.54 | -74.08 | -67.79 | 4.00 | 9.40 | V |
| | 1994.25 | -64.60 | -13 | -51.60 | -75.44 | -68.17 | 4.88 | 10.60 | V |
| | 2659 | -61.54 | -13 | -48.54 | -76.67 | -66.47 | 5.52 | 12.60 | V |
| LTE Band48 Middle | 7241.00 | -59.42 | -40 | -19.42 | -53.57 | -65.36 | 8.30 | 11.60 | H |
| | 10861.50 | -55.19 | -40 | -15.19 | -55.77 | -67.51 | 10.48 | 12.00 | H |
| | 14482.00 | -49.82 | -40 | -9.82 | -56.76 | -67.67 | 11.80 | 13.50 | H |
| | 7241.00 | -59.21 | -40 | -19.21 | -53.74 | -65.46 | 8.30 | 11.60 | V |
| | 10861.50 | -55.53 | -40 | -15.53 | -55.93 | -67.49 | 10.48 | 12.00 | V |
| | 14482.00 | -49.97 | -40 | -9.97 | -56.98 | -67.23 | 11.80 | 13.50 | V |

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



| EN-DC 48A_n71A / LTE 10MHz + NR 30MHz / QPSK (ANT5+0) | | | | | | | | | |
|---|-------------------|------------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel | Frequency (MHz) | ERP/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 | 1329 | -63.89 | -13 | -50.89 | -73.79 | -67.12 | 3.98 | 9.36 | H |
| | 1993.5 | -64.88 | -13 | -51.88 | -75.86 | -68.43 | 4.85 | 10.55 | H |
| | 2658 | -61.39 | -13 | -48.39 | -76.53 | -66.32 | 5.50 | 12.58 | H |
| | 1329 | -64.34 | -13 | -51.34 | -73.88 | -67.57 | 3.98 | 9.36 | V |
| | 1993.5 | -65.26 | -13 | -52.26 | -76.09 | -68.81 | 4.85 | 10.55 | V |
| | 2658 | -62.19 | -13 | -49.19 | -77.32 | -67.12 | 5.50 | 12.58 | V |
| LTE Band48 Lowest | 7241.00 | -57.57 | -40 | -17.57 | -51.25 | -60.87 | 8.30 | 11.60 | H |
| | 10861.50 | -53.84 | -40 | -13.84 | -54.13 | -55.36 | 10.48 | 12.00 | H |
| | 14482.00 | -50.40 | -40 | -10.40 | -56.76 | -52.10 | 11.80 | 13.50 | H |
| | 7241.00 | -55.45 | -40 | -15.45 | -49.44 | -58.75 | 8.30 | 11.60 | V |
| | 10861.50 | -53.00 | -40 | -13.00 | -52.93 | -54.52 | 10.48 | 12.00 | V |
| | 14482.00 | -51.21 | -40 | -11.21 | -56.98 | -52.91 | 11.80 | 13.50 | V |
| NR n71 Middle | 1334 | -64.34 | -13 | -51.34 | -74.38 | -67.59 | 4.00 | 9.40 | H |
| | 2001 | -65.02 | -13 | -52.02 | -76.05 | -68.59 | 4.88 | 10.60 | H |
| | 2668 | -61.78 | -13 | -48.78 | -76.92 | -66.71 | 5.52 | 12.60 | H |
| | 1334 | -64.84 | -13 | -51.84 | -74.51 | -68.09 | 4.00 | 9.40 | V |
| | 2001 | -64.60 | -13 | -51.60 | -75.51 | -68.17 | 4.88 | 10.60 | V |
| | 2668 | -61.54 | -13 | -48.54 | -76.67 | -66.47 | 5.52 | 12.60 | V |
| LTE Band48 Middle | 7241.00 | -59.89 | -40 | -19.89 | -53.57 | -63.19 | 8.30 | 11.60 | H |
| | 10861.50 | -55.48 | -40 | -15.48 | -55.77 | -57.00 | 10.48 | 12.00 | H |
| | 14482.00 | -50.40 | -40 | -10.40 | -56.76 | -52.10 | 11.80 | 13.50 | H |
| | 7241.00 | -59.75 | -40 | -19.75 | -53.74 | -63.05 | 8.30 | 11.60 | V |
| | 10861.50 | -56.00 | -40 | -16.00 | -55.93 | -57.52 | 10.48 | 12.00 | V |
| | 14482.00 | -51.21 | -40 | -11.21 | -56.98 | -52.91 | 11.80 | 13.50 | V |
| NR n71 Highest | 1339 | -64.53 | -13 | -51.53 | -74.59 | -67.70 | 4.10 | 9.42 | H |
| | 2008.5 | -65.27 | -13 | -52.27 | -76.31 | -68.85 | 4.90 | 10.63 | H |
| | 2678 | -62.47 | -13 | -49.47 | -77.71 | -67.39 | 5.55 | 12.62 | H |
| | 1339 | -65.13 | -13 | -52.13 | -74.82 | -68.30 | 4.10 | 9.42 | V |
| | 2008.5 | -65.26 | -13 | -52.26 | -76.18 | -68.84 | 4.90 | 10.63 | V |
| | 2678 | -62.74 | -13 | -49.74 | -78.00 | -67.66 | 5.55 | 12.62 | V |
| LTE Band48 Highest | 7241.00 | -58.89 | -40 | -18.89 | -64.94 | -62.19 | 8.30 | 11.60 | H |
| | 10861.50 | -54.62 | -40 | -14.62 | -68.04 | -56.14 | 10.48 | 12.00 | H |
| | 14482.00 | -50.10 | -40 | -10.10 | -67.74 | -51.80 | 11.80 | 13.50 | H |
| | 7241.00 | -59.14 | -40 | -19.14 | -65.5 | -62.44 | 8.30 | 11.60 | V |
| | 10861.50 | -54.71 | -40 | -14.71 | -67.77 | -56.23 | 10.48 | 12.00 | V |
| | 14482.00 | -50.70 | -40 | -10.70 | -67.75 | -52.40 | 11.80 | 13.50 | V |

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