

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30k\_SISO\_10MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 10MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Edge 1RB Left   | 23.22                | /    | /   | 20.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.26                | /    | /   | 20.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.28                | /    | /   | 23.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.89                | /    | /   | 24.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.78                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.88                | /    | /   | 24.38     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.45                | /    | /   | 20.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.50                | /    | /   | 21.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.60                | /    | /   | 24.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.13                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.17                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.18                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     | 3975            | Edge 1RB Left   | 24.02                | /    | /   | 21.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 27.26                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.52                | /    | /   | 25.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.53                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.59                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Edge 1RB Left   | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.23                | /    | /   | 20.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.78                | /    | /   | 23.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.78                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.75                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.76                | /    | /   | 24.26     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.40                | /    | /   | 20.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.54                | /    | /   | 21.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.11                | /    | /   | 23.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.09                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.03                | /    | /   | 24.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.15                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     | 3975            | Edge 1RB Left   | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.48                | /    | /   | 23.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.39                | /    | /   | 24.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.47                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.50                | /    | /   | 25.00     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3705            | Edge 1RB Left   | 23.12                | /    | /   | 20.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.13                | /    | /   | 20.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.79                | /    | /   | 22.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.70                | /    | /   | 23.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.55                | /    | /   | 23.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.68                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.15                | /    | /   | 20.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.16                | /    | /   | 22.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.95                | /    | /   | 23.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.01                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.04                | /    | /   | 23.54     | /    | /   | <=30  | Pass    |
|                                     | 3975            | Edge 1RB Left   | 23.97                | /    | /   | 21.47     | /    | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |      | Edge 1RB Right  | 23.98 | / | / | 21.48 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 25.65 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.49 | / | / | 23.99 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.41 | / | / | 23.91 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.48 | / | / | 23.98 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3705 | Edge 1RB Left   | 23.28 | / | / | 20.78 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 23.29 | / | / | 20.79 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.29 | / | / | 21.79 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.30 | / | / | 21.80 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.27 | / | / | 21.77 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Right | 24.34 | / | / | 21.84 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 23.48 | / | / | 20.98 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 23.66 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.49 | / | / | 21.99 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.47 | / | / | 21.97 | / | / | <=30 | Pass |
|                    | 3975 | Inner_1RB_Left  | 24.56 | / | / | 22.06 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.62 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 24.17 | / | / | 21.67 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 24.18 | / | / | 21.68 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 25.13 | / | / | 22.63 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3705 | Inner_Full      | 25.15 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.02 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.11 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 22.14 | / | / | 19.64 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 22.17 | / | / | 19.67 | / | / | <=30 | Pass |
|                    | 3840 | Outer_Full      | 22.19 | / | / | 19.69 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.22 | / | / | 19.72 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.23 | / | / | 19.73 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 22.45 | / | / | 19.95 | / | / | <=30 | Pass |
|                    | 3975 | Edge 1RB Right  | 22.49 | / | / | 19.99 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.57 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.57 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.54 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3705 | Edge 1RB Left   | 22.93 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 23.04 | / | / | 20.54 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.07 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.14 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 23.08 | / | / | 20.58 | / | / | <=30 | Pass |
|                    | 3840 | Inner_1RB_Right | 23.12 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 23.32 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 23.41 | / | / | 20.91 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.66 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.28 | / | / | 22.78 | / | / | <=30 | Pass |
|                    | 3975 | Inner_1RB_Left  | 25.45 | / | / | 22.95 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.47 | / | / | 22.97 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 23.63 | / | / | 21.13 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.95 | / | / | 21.45 | / | / | <=30 | Pass |
|                    | 3705 | Inner_Full      | 25.44 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.69 | / | / | 23.19 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.76 | / | / | 23.26 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 24.30 | / | / | 21.80 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Right  | 24.34 | / | / | 21.84 | / | / | <=30 | Pass |
|                    | 3840 | Outer_Full      | 24.62 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 26.03 | / | / | 23.53 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 26.13 | / | / | 23.63 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.08 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |      | Edge 1RB Left   | 23.32 | / | / | 20.82 | / | / | <=30 | Pass |
|                    | 3975 | Edge 1RB Right  | 23.41 | / | / | 20.91 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.66 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.28 | / | / | 22.78 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.45 | / | / | 22.95 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.47 | / | / | 22.97 | / | / | <=30 | Pass |



### 1.1.2 30k\_SISO\_15MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 15MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3707.52         | Edge_1RB_Left   | 23.25                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.30                | /    | /   | 23.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.89                | /    | /   | 24.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.84                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.86                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.45                | /    | /   | 20.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.51                | /    | /   | 21.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.55                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.15                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.07                | /    | /   | 24.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.10                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     | 3972.48         | Edge_1RB_Left   | 24.17                | /    | /   | 21.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 27.27                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.66                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.65                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.59                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3707.52         | Edge_1RB_Left   | 23.25                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.89                | /    | /   | 23.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.82                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.80                | /    | /   | 24.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.82                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.49                | /    | /   | 20.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.53                | /    | /   | 21.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.11                | /    | /   | 23.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.02                | /    | /   | 24.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.99                | /    | /   | 24.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.01                | /    | /   | 24.51     | /    | /   | <=30  | Pass    |
|                                     | 3972.48         | Edge_1RB_Left   | 24.05                | /    | /   | 21.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.10                | /    | /   | 21.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.69                | /    | /   | 24.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.53                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.59                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.59                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3707.52         | Edge_1RB_Left   | 23.18                | /    | /   | 20.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.16                | /    | /   | 20.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.79                | /    | /   | 22.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.74                | /    | /   | 23.24     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.67                | /    | /   | 23.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.63                | /    | /   | 23.13     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.37                | /    | /   | 20.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.95                | /    | /   | 22.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.86                | /    | /   | 23.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.83                | /    | /   | 23.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.78                | /    | /   | 23.28     | /    | /   | <=30  | Pass    |
|                                     | 3972.48         | Edge_1RB_Left   | 23.99                | /    | /   | 21.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.09                | /    | /   | 21.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.54                | /    | /   | 23.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.63                | /    | /   | 24.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.42                | /    | /   | 23.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.50                | /    | /   | 24.00     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3707.52 | Edge_1RB_Left   | 23.30 | / | / | 20.80 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.32 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.36 | / | / | 21.86 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.26 | / | / | 21.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.38 | / | / | 21.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.38 | / | / | 21.88 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.51 | / | / | 21.01 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.50 | / | / | 21.00 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.53 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.52 | / | / | 22.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.57 | / | / | 22.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.56 | / | / | 22.06 | / | / | <=30 | Pass |
|                    | 3972.48 | Edge_1RB_Left   | 24.22 | / | / | 21.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.24 | / | / | 21.74 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.24 | / | / | 22.74 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.08 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.13 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.18 | / | / | 22.68 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3707.52 | Edge_1RB_Left   | 22.20 | / | / | 19.70 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.33 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.28 | / | / | 19.78 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.31 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.28 | / | / | 19.78 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.51 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.48 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.51 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.33 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    | 3972.48 | Edge_1RB_Left   | 23.00 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.05 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.10 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.26 | / | / | 20.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.01 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.09 | / | / | 20.59 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3707.52 | Edge_1RB_Left   | 23.45 | / | / | 20.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.46 | / | / | 20.96 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.79 | / | / | 21.29 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.26 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.46 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.39 | / | / | 22.89 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.63 | / | / | 21.13 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.69 | / | / | 21.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.97 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.47 | / | / | 22.97 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.77 | / | / | 23.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.62 | / | / | 23.12 | / | / | <=30 | Pass |
|                    | 3972.48 | Edge_1RB_Left   | 24.28 | / | / | 21.78 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.26 | / | / | 21.76 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.60 | / | / | 22.10 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.18 | / | / | 23.68 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.04 | / | / | 23.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.07 | / | / | 23.57 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3707.52 | Edge_1RB_Left   | 23.26 | / | / | 20.76 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.21 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.75 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.83 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.70 | / | / | 22.20 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |                 |               |               |       |       |       |       |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|---------------|---------------|-------|-------|-------|-------|------|------|
|                                                                                  |                 | 3840            | Inner 1RB Right | 24.63         | /             | /     | 22.13 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Left   | 23.47         | /             | /     | 20.97 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.48         | /             | /     | 20.98 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.02         | /             | /     | 21.52 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.01         | /             | /     | 22.51 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 24.93         | /             | /     | 22.43 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 24.93         | /             | /     | 22.43 | /     | /     | <=30 | Pass |
|                                                                                  |                 | 3972.48         | Edge 1RB Left   | 24.02         | /             | /     | 21.52 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 24.04         | /             | /     | 21.54 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.70         | /             | /     | 22.20 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.80         | /             | /     | 23.30 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.55         | /             | /     | 23.05 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.59         | /             | /     | 23.09 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | CP-OFDM 64 QAM  | 3707.52       | Edge 1RB Left | 23.32 | /     | /     | 20.82 | /    | /    |
| Edge 1RB Right                                                                   | 23.29           | /               |                 |               | /             | 20.79 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       | 23.26           | /               |                 |               | /             | 20.76 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       | 23.22           | /               |                 |               | /             | 20.72 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   | 23.36           | /               |                 |               | /             | 20.86 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 23.32           | /               |                 |               | /             | 20.82 | /     | /     | <=30  | Pass |      |
| 3840                                                                             | Edge 1RB Left   | 23.59           |                 |               | /             | /     | 21.09 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  | 23.50           |                 | /             | /             | 21.00 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      | 23.57           |                 | /             | /             | 21.07 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      | 23.45           |                 | /             | /             | 20.95 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  | 23.53           |                 | /             | /             | 21.03 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right | 23.48           |                 | /             | /             | 20.98 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3972.48         | Edge 1RB Left   |                 | 24.18         | /             | /     | 21.68 | /     | /     | <=30 | Pass |
| Edge 1RB Right                                                                   |                 | 24.17           |                 | /             | /             | 21.67 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       |                 | 24.31           |                 | /             | /             | 21.81 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       |                 | 24.27           |                 | /             | /             | 21.77 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   |                 | 24.13           |                 | /             | /             | 21.63 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  |                 | 24.23           |                 | /             | /             | 21.73 | /     | /     | <=30  | Pass |      |
| CP-OFDM 256 QAM                                                                  |                 | 3707.52         |                 | Edge 1RB Left | 20.37         | /     | /     | 17.87 | /     | /    | <=30 |
|                                                                                  | Edge 1RB Right  |                 |                 | 20.39         | /             | /     | 17.89 | /     | /     | <=30 | Pass |
|                                                                                  | Outer_Full      |                 |                 | 20.35         | /             | /     | 17.85 | /     | /     | <=30 | Pass |
|                                                                                  | Inner_Full      |                 | 20.27           | /             | /             | 17.77 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 20.29           | /             | /             | 17.79 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 20.42           | /             | /             | 17.92 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3840            |                 | Edge 1RB Left   | 20.50         | /             | /     | 18.00 | /     | /     | <=30 | Pass |
|                                                                                  |                 | Edge 1RB Right  | 20.44           | /             | /             | 17.94 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.47           | /             | /             | 17.97 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.53           | /             | /             | 18.03 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.55           | /             | /             | 18.05 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.57           | /             | /             | 18.07 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | 3972.48         | Edge 1RB Left   | 21.20         | /             | /     | 18.70 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  |                 | 21.14           | /             | /             | 18.64 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      |                 | 21.20           | /             | /             | 18.70 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      |                 | 21.24           | /             | /             | 18.74 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 21.23           | /             | /             | 18.73 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 21.17           |                 | /               | /             | 18.67         | /     | /     | <=30  | Pass  |      |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |               |               |       |       |       |       |      |      |

### 1.1.3 30k\_SISO\_20MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 20MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Edge 1RB Left   | 23.19                | /    | /   | 20.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.31                | /    | /   | 20.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.38                | /    | /   | 23.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.98                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.80                | /    | /   | 24.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.86                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.43                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.42                | /    | /   | 20.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.67                | /    | /   | 24.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.22                | /    | /   | 24.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.10                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.06                | /    | /   | 24.56     | /    | /   | <=30  | Pass    |
|                                     | 3969.99         | Edge 1RB Left   | 23.92                | /    | /   | 21.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 27.29                | /    | /   | 24.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.54                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.33                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.55                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3710.01         | Edge 1RB Left   | 23.18                | /    | /   | 20.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.29                | /    | /   | 20.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.89                | /    | /   | 23.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.85                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.70                | /    | /   | 24.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.81                | /    | /   | 24.31     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.47                | /    | /   | 20.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.41                | /    | /   | 20.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.18                | /    | /   | 23.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.12                | /    | /   | 24.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.01                | /    | /   | 24.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.01                | /    | /   | 24.51     | /    | /   | <=30  | Pass    |
|                                     | 3969.99         | Edge 1RB Left   | 23.88                | /    | /   | 21.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.01                | /    | /   | 21.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.71                | /    | /   | 24.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.65                | /    | /   | 25.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.34                | /    | /   | 24.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.52                | /    | /   | 25.02     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3710.01         | Edge 1RB Left   | 23.03                | /    | /   | 20.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.13                | /    | /   | 20.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.79                | /    | /   | 22.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.87                | /    | /   | 23.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.57                | /    | /   | 23.07     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.61                | /    | /   | 23.11     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.37                | /    | /   | 20.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.33                | /    | /   | 20.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.05                | /    | /   | 22.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.06                | /    | /   | 23.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.81                | /    | /   | 23.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.83                | /    | /   | 23.33     | /    | /   | <=30  | Pass    |
|                                     | 3969.99         | Edge 1RB Left   | 23.83                | /    | /   | 21.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.95                | /    | /   | 21.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.53                | /    | /   | 23.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.68                | /    | /   | 24.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.29                | /    | /   | 23.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.42                | /    | /   | 23.92     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3710.01 | Edge_1RB_Left   | 23.27 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.34 | / | / | 20.84 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.33 | / | / | 21.83 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.45 | / | / | 21.95 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.30 | / | / | 21.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.27 | / | / | 21.77 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.52 | / | / | 21.02 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.55 | / | / | 21.05 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.64 | / | / | 22.14 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.62 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.54 | / | / | 22.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.57 | / | / | 22.07 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 23.94 | / | / | 21.44 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.08 | / | / | 21.58 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.08 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.11 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.02 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.16 | / | / | 22.66 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3710.01 | Edge_1RB_Left   | 22.19 | / | / | 19.69 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.34 | / | / | 19.84 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.44 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.16 | / | / | 19.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.31 | / | / | 19.81 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.44 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.42 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.51 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.62 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.43 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.46 | / | / | 19.96 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 22.92 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.97 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.15 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.21 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.93 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.05 | / | / | 20.55 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3710.01 | Edge_1RB_Left   | 23.33 | / | / | 20.83 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.45 | / | / | 20.95 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.94 | / | / | 21.44 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.28 | / | / | 22.78 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.39 | / | / | 22.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.46 | / | / | 22.96 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.58 | / | / | 21.08 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.70 | / | / | 21.20 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.20 | / | / | 21.70 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.57 | / | / | 23.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.58 | / | / | 23.08 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.70 | / | / | 23.20 | / | / | <=30 | Pass |
|                    | 3969.99 | Edge_1RB_Left   | 24.07 | / | / | 21.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.20 | / | / | 21.70 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.67 | / | / | 22.17 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 26.08 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.09 | / | / | 23.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.21 | / | / | 23.71 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3710.01 | Edge_1RB_Left   | 23.20 | / | / | 20.70 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.33 | / | / | 20.83 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.84 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.87 | / | / | 22.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.66 | / | / | 22.16 | / | / | <=30 | Pass |





### 1.1.4 30k\_SISO\_25MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 25MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3712.5          | Edge_1RB_Left   | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.50                | /    | /   | 21.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.44                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.03                | /    | /   | 24.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.91                | /    | /   | 24.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.97                | /    | /   | 24.47     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.62                | /    | /   | 21.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.61                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.65                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.16                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.19                | /    | /   | 24.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.26                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     | 3967.5          | Edge_1RB_Left   | 23.98                | /    | /   | 21.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.20                | /    | /   | 21.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 27.07                | /    | /   | 24.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.69                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.34                | /    | /   | 24.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.53                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3712.5          | Edge_1RB_Left   | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.35                | /    | /   | 20.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.85                | /    | /   | 23.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.91                | /    | /   | 24.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.88                | /    | /   | 24.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.95                | /    | /   | 24.45     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.60                | /    | /   | 21.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.62                | /    | /   | 21.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.20                | /    | /   | 23.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.06                | /    | /   | 24.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.09                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.19                | /    | /   | 24.69     | /    | /   | <=30  | Pass    |
|                                     | 3967.5          | Edge_1RB_Left   | 23.86                | /    | /   | 21.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.11                | /    | /   | 21.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.58                | /    | /   | 24.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.60                | /    | /   | 25.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.30                | /    | /   | 24.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.43                | /    | /   | 24.93     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3712.5          | Edge_1RB_Left   | 23.23                | /    | /   | 20.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.26                | /    | /   | 20.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.81                | /    | /   | 22.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.83                | /    | /   | 23.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.69                | /    | /   | 23.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.73                | /    | /   | 23.23     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.43                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.42                | /    | /   | 20.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.06                | /    | /   | 22.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.03                | /    | /   | 23.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.96                | /    | /   | 23.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.95                | /    | /   | 23.45     | /    | /   | <=30  | Pass    |
|                                     | 3967.5          | Edge_1RB_Left   | 23.78                | /    | /   | 21.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.05                | /    | /   | 21.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.61                | /    | /   | 23.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.54                | /    | /   | 24.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.21                | /    | /   | 23.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.55                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |

|                    |        |                 |       |   |   |       |   |   |      |      |
|--------------------|--------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3712.5 | Edge_1RB_Left   | 23.41 | / | / | 20.91 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.45 | / | / | 20.95 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 24.41 | / | / | 21.91 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 24.39 | / | / | 21.89 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 24.39 | / | / | 21.89 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 24.46 | / | / | 21.96 | / | / | <=30 | Pass |
|                    | 3840   | Edge_1RB_Left   | 23.69 | / | / | 21.19 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.63 | / | / | 21.13 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 24.59 | / | / | 22.09 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 24.56 | / | / | 22.06 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 24.63 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 24.64 | / | / | 22.14 | / | / | <=30 | Pass |
|                    | 3967.5 | Edge_1RB_Left   | 23.88 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 24.13 | / | / | 21.63 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 25.13 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 25.01 | / | / | 22.51 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 24.97 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 25.21 | / | / | 22.71 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3712.5 | Edge_1RB_Left   | 22.24 | / | / | 19.74 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 22.39 | / | / | 19.89 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 22.35 | / | / | 19.85 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 22.30 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 22.28 | / | / | 19.78 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 22.34 | / | / | 19.84 | / | / | <=30 | Pass |
|                    | 3840   | Edge_1RB_Left   | 22.52 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 22.63 | / | / | 20.13 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 22.46 | / | / | 19.96 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 22.53 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 22.63 | / | / | 20.13 | / | / | <=30 | Pass |
|                    | 3967.5 | Edge_1RB_Left   | 22.86 | / | / | 20.36 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.15 | / | / | 20.65 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 23.14 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 23.18 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 22.90 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 23.09 | / | / | 20.59 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3712.5 | Edge_1RB_Left   | 23.55 | / | / | 21.05 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.72 | / | / | 21.22 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 23.93 | / | / | 21.43 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 25.46 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 25.54 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 25.64 | / | / | 23.14 | / | / | <=30 | Pass |
|                    | 3840   | Edge_1RB_Left   | 23.78 | / | / | 21.28 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.88 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 24.07 | / | / | 21.57 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 25.68 | / | / | 23.18 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 25.79 | / | / | 23.29 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 25.78 | / | / | 23.28 | / | / | <=30 | Pass |
|                    | 3967.5 | Edge_1RB_Left   | 24.12 | / | / | 21.62 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 24.29 | / | / | 21.79 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 24.63 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 26.16 | / | / | 23.66 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 26.03 | / | / | 23.53 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Right | 26.19 | / | / | 23.69 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3712.5 | Edge_1RB_Left   | 23.37 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |        | Edge_1RB_Right  | 23.47 | / | / | 20.97 | / | / | <=30 | Pass |
|                    |        | Outer_Full      | 23.91 | / | / | 21.41 | / | / | <=30 | Pass |
|                    |        | Inner_Full      | 24.85 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |        | Inner_1RB_Left  | 24.79 | / | / | 22.29 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant6: -2.50dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.1.5 30k\_SISO\_30MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 30MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Edge_1RB_Left   | 23.19                | /    | /   | 20.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.31                | /    | /   | 20.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.34                | /    | /   | 23.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.91                | /    | /   | 24.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.77                | /    | /   | 24.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.93                | /    | /   | 24.43     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.68                | /    | /   | 21.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.67                | /    | /   | 21.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.17                | /    | /   | 23.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.24                | /    | /   | 24.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.68                | /    | /   | 24.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.43                | /    | /   | 23.93     | /    | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 23.93                | /    | /   | 21.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.28                | /    | /   | 21.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 27.10                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.69                | /    | /   | 25.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.25                | /    | /   | 24.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.64                | /    | /   | 25.14     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3715.02         | Edge_1RB_Left   | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.33                | /    | /   | 20.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.80                | /    | /   | 23.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.87                | /    | /   | 24.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.69                | /    | /   | 24.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.78                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.55                | /    | /   | 21.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.61                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.22                | /    | /   | 23.72     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.12                | /    | /   | 24.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.22                | /    | /   | 24.72     | /    | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 23.95                | /    | /   | 21.45     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.25                | /    | /   | 21.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.71                | /    | /   | 24.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.63                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.36                | /    | /   | 24.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.68                | /    | /   | 25.18     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3715.02         | Edge_1RB_Left   | 23.15                | /    | /   | 20.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.25                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.82                | /    | /   | 22.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.68                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.56                | /    | /   | 23.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.71                | /    | /   | 23.21     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.41                | /    | /   | 20.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.42                | /    | /   | 20.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.06                | /    | /   | 22.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.96                | /    | /   | 23.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.15                | /    | /   | 23.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.17                | /    | /   | 23.67     | /    | /   | <=30  | Pass    |
|                                     | 3964.98         | Edge_1RB_Left   | 23.83                | /    | /   | 21.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.15                | /    | /   | 21.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.71                | /    | /   | 23.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.65                | /    | /   | 24.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.32                | /    | /   | 23.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.66                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3715.02 | Edge_1RB_Left   | 23.25 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.37 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.37 | / | / | 21.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.35 | / | / | 21.85 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.31 | / | / | 21.81 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.43 | / | / | 21.93 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.75 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.61 | / | / | 21.11 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.65 | / | / | 22.15 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.53 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.82 | / | / | 22.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.78 | / | / | 22.28 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 23.93 | / | / | 21.43 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.28 | / | / | 21.78 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 25.37 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.22 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.91 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.22 | / | / | 22.72 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3715.02 | Edge_1RB_Left   | 22.13 | / | / | 19.63 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.25 | / | / | 19.75 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.14 | / | / | 19.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.21 | / | / | 19.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.25 | / | / | 19.75 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.55 | / | / | 20.05 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.53 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.54 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.61 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.67 | / | / | 20.17 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 22.90 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.28 | / | / | 20.78 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.16 | / | / | 20.66 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.21 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.94 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.26 | / | / | 20.76 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3715.02 | Edge_1RB_Left   | 23.42 | / | / | 20.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.52 | / | / | 21.02 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.82 | / | / | 21.32 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.05 | / | / | 22.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.39 | / | / | 22.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.50 | / | / | 23.00 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.76 | / | / | 21.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.73 | / | / | 21.23 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.14 | / | / | 21.64 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.89 | / | / | 23.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.81 | / | / | 23.31 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.69 | / | / | 23.19 | / | / | <=30 | Pass |
|                    | 3964.98 | Edge_1RB_Left   | 24.05 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.43 | / | / | 21.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.68 | / | / | 22.18 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.90 | / | / | 23.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.06 | / | / | 23.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.30 | / | / | 23.80 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3715.02 | Edge_1RB_Left   | 23.23 | / | / | 20.73 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.36 | / | / | 20.86 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.84 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.83 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.68 | / | / | 22.18 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |                 |               |               |       |       |       |       |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|---------------|---------------|-------|-------|-------|-------|------|------|
|                                                                                  |                 | 3840            | Inner 1RB Right | 24.74         | /             | /     | 22.24 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Left   | 23.58         | /             | /     | 21.08 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.71         | /             | /     | 21.21 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.09         | /             | /     | 21.59 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.09         | /             | /     | 22.59 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.10         | /             | /     | 22.60 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.21         | /             | /     | 22.71 | /     | /     | <=30 | Pass |
|                                                                                  |                 | 3964.98         | Edge 1RB Left   | 23.99         | /             | /     | 21.49 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 24.36         | /             | /     | 21.86 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.77         | /             | /     | 22.27 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.72         | /             | /     | 23.22 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.28         | /             | /     | 22.78 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.62         | /             | /     | 23.12 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | CP-OFDM 64 QAM  | 3715.02       | Edge 1RB Left | 23.26 | /     | /     | 20.76 | /    | /    |
| Edge 1RB Right                                                                   | 23.40           | /               |                 |               | /             | 20.90 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       | 23.39           | /               |                 |               | /             | 20.89 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       | 23.36           | /               |                 |               | /             | 20.86 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   | 23.28           | /               |                 |               | /             | 20.78 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 23.39           | /               |                 |               | /             | 20.89 | /     | /     | <=30  | Pass |      |
| 3840                                                                             | Edge 1RB Left   | 23.73           |                 |               | /             | /     | 21.23 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  | 23.68           |                 | /             | /             | 21.18 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      | 23.69           |                 | /             | /             | 21.19 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      | 23.63           |                 | /             | /             | 21.13 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  | 23.74           |                 | /             | /             | 21.24 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right | 23.82           |                 | /             | /             | 21.32 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3964.98         | Edge 1RB Left   |                 | 23.93         | /             | /     | 21.43 | /     | /     | <=30 | Pass |
| Edge 1RB Right                                                                   |                 | 24.35           |                 | /             | /             | 21.85 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       |                 | 24.32           |                 | /             | /             | 21.82 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       |                 | 24.31           |                 | /             | /             | 21.81 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   |                 | 23.95           |                 | /             | /             | 21.45 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  |                 | 24.32           |                 | /             | /             | 21.82 | /     | /     | <=30  | Pass |      |
| CP-OFDM 256 QAM                                                                  |                 | 3715.02         |                 | Edge 1RB Left | 20.25         | /     | /     | 17.75 | /     | /    | <=30 |
|                                                                                  | Edge 1RB Right  |                 |                 | 20.50         | /             | /     | 18.00 | /     | /     | <=30 | Pass |
|                                                                                  | Outer_Full      |                 |                 | 20.40         | /             | /     | 17.90 | /     | /     | <=30 | Pass |
|                                                                                  | Inner_Full      |                 | 20.28           | /             | /             | 17.78 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 20.27           | /             | /             | 17.77 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 20.37           | /             | /             | 17.87 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3840            |                 | Edge 1RB Left   | 20.66         | /             | /     | 18.16 | /     | /     | <=30 | Pass |
|                                                                                  |                 | Edge 1RB Right  | 20.72           | /             | /             | 18.22 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.68           | /             | /             | 18.18 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.50           | /             | /             | 18.00 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.68           | /             | /             | 18.18 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.73           | /             | /             | 18.23 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | 3964.98         | Edge 1RB Left   | 21.01         | /             | /     | 18.51 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  |                 | 21.31           | /             | /             | 18.81 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      |                 | 21.28           | /             | /             | 18.78 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      |                 | 21.24           | /             | /             | 18.74 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 21.00           | /             | /             | 18.50 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 21.30           |                 | /               | /             | 18.80         | /     | /     | <=30  | Pass  |      |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |               |               |       |       |       |       |      |      |

### 1.1.6 30k\_SISO\_40MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 40MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Edge 1RB Left   | 23.20                | /    | /   | 20.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.40                | /    | /   | 20.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.44                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.09                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.84                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.06                | /    | /   | 24.56     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.45                | /    | /   | 20.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.56                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.66                | /    | /   | 24.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.28                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.11                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     | 3960            | Edge 1RB Left   | 23.65                | /    | /   | 21.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.11                | /    | /   | 21.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.90                | /    | /   | 24.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.47                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.26                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.68                | /    | /   | 25.18     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Edge 1RB Left   | 23.18                | /    | /   | 20.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.41                | /    | /   | 20.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.01                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.02                | /    | /   | 24.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.78                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.99                | /    | /   | 24.49     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.51                | /    | /   | 21.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.53                | /    | /   | 21.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.19                | /    | /   | 23.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.13                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.04                | /    | /   | 24.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.03                | /    | /   | 24.53     | /    | /   | <=30  | Pass    |
|                                     | 3960            | Edge 1RB Left   | 23.70                | /    | /   | 21.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.14                | /    | /   | 21.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.59                | /    | /   | 24.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.63                | /    | /   | 25.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.23                | /    | /   | 24.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.76                | /    | /   | 25.26     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3720            | Edge 1RB Left   | 23.14                | /    | /   | 20.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.85                | /    | /   | 22.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.82                | /    | /   | 23.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.65                | /    | /   | 23.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.70                | /    | /   | 23.20     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.26                | /    | /   | 20.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.29                | /    | /   | 20.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.04                | /    | /   | 22.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.04                | /    | /   | 23.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.91                | /    | /   | 23.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.85                | /    | /   | 23.35     | /    | /   | <=30  | Pass    |
|                                     | 3960            | Edge 1RB Left   | 23.61                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 24.12                | /    | /   | 21.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.49                | /    | /   | 22.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.53                | /    | /   | 24.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.06                | /    | /   | 23.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.48                | /    | /   | 23.98     | /    | /   | <=30  | Pass    |



|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3720 | Edge_1RB_Left   | 23.25 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.32 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.42 | / | / | 21.92 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.41 | / | / | 21.91 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.33 | / | / | 21.83 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.42 | / | / | 21.92 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.45 | / | / | 20.95 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.55 | / | / | 21.05 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.63 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.53 | / | / | 22.03 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.60 | / | / | 22.10 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.52 | / | / | 22.02 | / | / | <=30 | Pass |
|                    | 3960 | Edge_1RB_Left   | 23.79 | / | / | 21.29 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.18 | / | / | 21.68 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 25.06 | / | / | 22.56 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.02 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.84 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.25 | / | / | 22.75 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3720 | Edge_1RB_Left   | 22.21 | / | / | 19.71 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.37 | / | / | 19.87 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.31 | / | / | 19.81 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.34 | / | / | 19.84 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.21 | / | / | 19.71 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.44 | / | / | 19.94 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.47 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.56 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.53 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.54 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.52 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.47 | / | / | 19.97 | / | / | <=30 | Pass |
|                    | 3960 | Edge_1RB_Left   | 22.62 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.14 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.11 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 23.13 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.68 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 23.12 | / | / | 20.62 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3720 | Edge_1RB_Left   | 23.36 | / | / | 20.86 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.54 | / | / | 21.04 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.00 | / | / | 21.50 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.35 | / | / | 22.85 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.40 | / | / | 22.90 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.52 | / | / | 23.02 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.63 | / | / | 21.13 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.69 | / | / | 21.19 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.22 | / | / | 21.72 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.54 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.75 | / | / | 23.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.65 | / | / | 23.15 | / | / | <=30 | Pass |
|                    | 3960 | Edge_1RB_Left   | 23.88 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.32 | / | / | 21.82 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.63 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.97 | / | / | 23.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.91 | / | / | 23.41 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.36 | / | / | 23.86 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3720 | Edge_1RB_Left   | 23.24 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.34 | / | / | 20.84 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.97 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.67 | / | / | 22.17 | / | / | <=30 | Pass |



### 1.1.7 30k\_SISO\_50MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 50MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Edge_1RB_Left   | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.43                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.51                | /    | /   | 24.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.18                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.87                | /    | /   | 24.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.00                | /    | /   | 24.50     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.82                | /    | /   | 21.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.72                | /    | /   | 21.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.75                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.38                | /    | /   | 24.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.37                | /    | /   | 24.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.24                | /    | /   | 24.74     | /    | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 23.88                | /    | /   | 21.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.38                | /    | /   | 21.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.78                | /    | /   | 24.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.20                | /    | /   | 24.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.27                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.51                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3725.01         | Edge_1RB_Left   | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.38                | /    | /   | 20.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.01                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.11                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.82                | /    | /   | 24.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.95                | /    | /   | 24.45     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.76                | /    | /   | 21.26     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.71                | /    | /   | 21.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.31                | /    | /   | 23.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.29                | /    | /   | 24.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.29                | /    | /   | 24.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.16                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 23.80                | /    | /   | 21.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.35                | /    | /   | 21.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.44                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.18                | /    | /   | 24.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.49                | /    | /   | 24.99     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3725.01         | Edge_1RB_Left   | 23.25                | /    | /   | 20.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.29                | /    | /   | 20.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.98                | /    | /   | 22.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.01                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.71                | /    | /   | 23.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.75                | /    | /   | 23.25     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.63                | /    | /   | 21.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.56                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.24                | /    | /   | 22.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.17                | /    | /   | 23.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.18                | /    | /   | 23.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.11                | /    | /   | 23.61     | /    | /   | <=30  | Pass    |
|                                     | 3954.99         | Edge_1RB_Left   | 23.72                | /    | /   | 21.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.32                | /    | /   | 21.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.68                | /    | /   | 23.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.32                | /    | /   | 23.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.99                | /    | /   | 23.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.44                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3725.01 | Edge_1RB_Left   | 23.37 | / | / | 20.87 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.40 | / | / | 20.90 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.51 | / | / | 22.01 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.56 | / | / | 22.06 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.42 | / | / | 21.92 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.44 | / | / | 21.94 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.83 | / | / | 21.33 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.81 | / | / | 21.31 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.73 | / | / | 22.23 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.75 | / | / | 22.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.95 | / | / | 22.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.88 | / | / | 22.38 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 23.82 | / | / | 21.32 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.43 | / | / | 21.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.89 | / | / | 22.39 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.90 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.91 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.28 | / | / | 22.78 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3725.01 | Edge_1RB_Left   | 22.26 | / | / | 19.76 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.43 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.47 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.11 | / | / | 19.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.30 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.43 | / | / | 19.93 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.75 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.82 | / | / | 20.32 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.62 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.79 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.70 | / | / | 20.20 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 22.90 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.35 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.19 | / | / | 20.69 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.25 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.91 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.38 | / | / | 20.88 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3725.01 | Edge_1RB_Left   | 23.48 | / | / | 20.98 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.70 | / | / | 21.20 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.05 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.53 | / | / | 23.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.58 | / | / | 23.08 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.56 | / | / | 23.06 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 24.03 | / | / | 21.53 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.88 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.26 | / | / | 21.76 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.74 | / | / | 23.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.03 | / | / | 23.53 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.68 | / | / | 23.18 | / | / | <=30 | Pass |
|                    | 3954.99 | Edge_1RB_Left   | 24.09 | / | / | 21.59 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.56 | / | / | 22.06 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.55 | / | / | 22.05 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.65 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.68 | / | / | 23.18 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.00 | / | / | 23.50 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3725.01 | Edge_1RB_Left   | 23.41 | / | / | 20.91 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.38 | / | / | 20.88 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.01 | / | / | 21.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.08 | / | / | 22.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.84 | / | / | 22.34 | / | / | <=30 | Pass |

|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-----------------|-------|-------|-------|-------|------|------|------|------|
|                                                                                  |         | 3840            | Inner 1RB Right | 24.81 | /     | /     | 22.31 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Edge 1RB Left   | 23.78 | /     | /     | 21.28 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Edge 1RB Right  | 23.69 | /     | /     | 21.19 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Outer_Full      | 24.16 | /     | /     | 21.66 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner_Full      | 25.24 | /     | /     | 22.74 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner 1RB Left  | 25.32 | /     | /     | 22.82 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner 1RB Right | 25.26 | /     | /     | 22.76 | /    | /    | <=30 | Pass |
|                                                                                  |         | 3954.99         | Edge 1RB Left   | 23.79 | /     | /     | 21.29 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Edge 1RB Right  | 24.37 | /     | /     | 21.87 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Outer_Full      | 24.76 | /     | /     | 22.26 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner_Full      | 25.24 | /     | /     | 22.74 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner 1RB Left  | 25.05 | /     | /     | 22.55 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 | Inner 1RB Right | 25.41 | /     | /     | 22.91 | /    | /    | <=30 | Pass |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
| CP-OFDM 64 QAM                                                                   | 3725.01 | Edge 1RB Left   | 23.31           | /     | /     | 20.81 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 23.40           | /     | /     | 20.90 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 23.57           | /     | /     | 21.07 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner_Full      | 23.62           | /     | /     | 21.12 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Left  | 23.32           | /     | /     | 20.82 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Right | 23.41           | /     | /     | 20.91 | /     | /    | <=30 | Pass |      |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
|                                                                                  | 3840    | Edge 1RB Left   | 23.88           | /     | /     | 21.38 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 23.79           | /     | /     | 21.29 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 23.85           | /     | /     | 21.35 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner_Full      | 23.83           | /     | /     | 21.33 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Left  | 23.89           | /     | /     | 21.39 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Right | 23.80           | /     | /     | 21.30 | /     | /    | <=30 | Pass |      |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
|                                                                                  | 3954.99 | Edge 1RB Left   | 23.74           | /     | /     | 21.24 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 24.11           | /     | /     | 21.61 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 24.30           | /     | /     | 21.80 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner_Full      | 24.17           | /     | /     | 21.67 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Left  | 23.88           | /     | /     | 21.38 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Right | 24.09           | /     | /     | 21.59 | /     | /    | <=30 | Pass |      |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
| CP-OFDM 256 QAM                                                                  | 3725.01 | Edge 1RB Left   | 20.37           | /     | /     | 17.87 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 20.51           | /     | /     | 18.01 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 20.55           | /     | /     | 18.05 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner_Full      | 20.49           | /     | /     | 17.99 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Left  | 20.39           | /     | /     | 17.89 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Right | 20.50           | /     | /     | 18.00 | /     | /    | <=30 | Pass |      |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
|                                                                                  | 3840    | Edge 1RB Left   | 20.86           | /     | /     | 18.36 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 20.76           | /     | /     | 18.26 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 20.85           | /     | /     | 18.35 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner_Full      | 20.68           | /     | /     | 18.18 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Left  | 20.90           | /     | /     | 18.40 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Inner 1RB Right | 20.79           | /     | /     | 18.29 | /     | /    | <=30 | Pass |      |
|                                                                                  |         |                 |                 |       |       |       |       |      |      |      |      |
|                                                                                  | 3954.99 | Edge 1RB Left   | 20.96           | /     | /     | 18.46 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Edge 1RB Right  | 21.41           | /     | /     | 18.91 | /     | /    | <=30 | Pass |      |
|                                                                                  |         | Outer_Full      | 21.24           | /     | /     | 18.74 | /     | /    | <=30 | Pass |      |
| Inner_Full                                                                       |         | 21.25           | /               | /     | 18.75 | /     | /     | <=30 | Pass |      |      |
| Inner 1RB Left                                                                   |         | 20.94           | /               | /     | 18.44 | /     | /     | <=30 | Pass |      |      |
| Inner 1RB Right                                                                  |         | 21.40           | /               | /     | 18.90 | /     | /     | <=30 | Pass |      |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |                 |       |       |       |       |      |      |      |      |

### 1.1.8 30k\_SISO\_60MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 60MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Edge 1RB Left   | 23.18                | /    | /   | 20.68     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.17                | /    | /   | 20.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.41                | /    | /   | 23.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.92                | /    | /   | 24.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.76                | /    | /   | 24.26     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.85                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.59                | /    | /   | 21.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.48                | /    | /   | 20.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.63                | /    | /   | 24.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.03                | /    | /   | 24.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.21                | /    | /   | 24.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.10                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     | 3949.98         | Edge 1RB Left   | 23.56                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.82                | /    | /   | 21.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.79                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.35                | /    | /   | 24.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.17                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.46                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Edge 1RB Left   | 23.04                | /    | /   | 20.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.78                | /    | /   | 23.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.86                | /    | /   | 24.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 26.70                | /    | /   | 24.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.77                | /    | /   | 24.27     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.62                | /    | /   | 21.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.43                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.11                | /    | /   | 23.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.98                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.11                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.98                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     | 3949.98         | Edge 1RB Left   | 23.59                | /    | /   | 21.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.84                | /    | /   | 21.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 26.38                | /    | /   | 23.88     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 27.28                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 27.15                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 27.42                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3730.02         | Edge 1RB Left   | 22.97                | /    | /   | 20.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.13                | /    | /   | 20.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.76                | /    | /   | 22.26     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.83                | /    | /   | 23.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.39                | /    | /   | 22.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.56                | /    | /   | 23.06     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge 1RB Left   | 23.68                | /    | /   | 21.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.30                | /    | /   | 20.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.08                | /    | /   | 22.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.94                | /    | /   | 23.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.98                | /    | /   | 23.48     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 25.77                | /    | /   | 23.27     | /    | /   | <=30  | Pass    |
|                                     | 3949.98         | Edge 1RB Left   | 23.43                | /    | /   | 20.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 23.65                | /    | /   | 21.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 25.31                | /    | /   | 22.81     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 26.25                | /    | /   | 23.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.90                | /    | /   | 23.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 26.28                | /    | /   | 23.78     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3730.02 | Edge_1RB_Left   | 23.13 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.28 | / | / | 20.78 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.29 | / | / | 21.79 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.40 | / | / | 21.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.14 | / | / | 21.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.28 | / | / | 21.78 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.70 | / | / | 21.20 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.47 | / | / | 20.97 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.57 | / | / | 22.07 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.54 | / | / | 22.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.72 | / | / | 22.22 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.53 | / | / | 22.03 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 23.51 | / | / | 21.01 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.76 | / | / | 21.26 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.79 | / | / | 22.29 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.82 | / | / | 22.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.57 | / | / | 22.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.92 | / | / | 22.42 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3730.02 | Edge_1RB_Left   | 22.12 | / | / | 19.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.21 | / | / | 19.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.27 | / | / | 19.77 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.36 | / | / | 19.86 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.16 | / | / | 19.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.31 | / | / | 19.81 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.61 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.44 | / | / | 19.94 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.51 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.53 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.39 | / | / | 19.89 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 22.57 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.79 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.80 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.71 | / | / | 20.21 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.56 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.75 | / | / | 20.25 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3730.02 | Edge_1RB_Left   | 23.35 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.44 | / | / | 20.94 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.38 | / | / | 22.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.37 | / | / | 22.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.43 | / | / | 22.93 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.77 | / | / | 21.27 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.71 | / | / | 21.21 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.12 | / | / | 21.62 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.32 | / | / | 22.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.83 | / | / | 23.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.58 | / | / | 23.08 | / | / | <=30 | Pass |
|                    | 3949.98 | Edge_1RB_Left   | 23.77 | / | / | 21.27 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.02 | / | / | 21.52 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.32 | / | / | 21.82 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.74 | / | / | 23.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.73 | / | / | 23.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.04 | / | / | 23.54 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3730.02 | Edge_1RB_Left   | 23.18 | / | / | 20.68 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.32 | / | / | 20.82 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.89 | / | / | 21.39 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.86 | / | / | 22.36 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.64 | / | / | 22.14 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |                 |               |               |       |       |       |       |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|---------------|---------------|-------|-------|-------|-------|------|------|
|                                                                                  |                 | 3840            | Inner 1RB Right | 24.76         | /             | /     | 22.26 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Left   | 23.59         | /             | /     | 21.09 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.49         | /             | /     | 20.99 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.08         | /             | /     | 21.58 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.03         | /             | /     | 22.53 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.11         | /             | /     | 22.61 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 24.92         | /             | /     | 22.42 | /     | /     | <=30 | Pass |
|                                                                                  |                 | 3949.98         | Edge 1RB Left   | 23.60         | /             | /     | 21.10 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.84         | /             | /     | 21.34 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.22         | /             | /     | 21.72 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.15         | /             | /     | 22.65 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.03         | /             | /     | 22.53 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.36         | /             | /     | 22.86 | /     | /     | <=30 | Pass |
|                                                                                  |                 |                 | CP-OFDM 64 QAM  | 3730.02       | Edge 1RB Left | 23.19 | /     | /     | 20.69 | /    | /    |
| Edge 1RB Right                                                                   | 23.38           | /               |                 |               | /             | 20.88 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       | 23.41           | /               |                 |               | /             | 20.91 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       | 23.41           | /               |                 |               | /             | 20.91 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   | 23.17           | /               |                 |               | /             | 20.67 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 23.31           | /               |                 |               | /             | 20.81 | /     | /     | <=30  | Pass |      |
| 3840                                                                             | Edge 1RB Left   | 23.61           |                 |               | /             | /     | 21.11 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  | 23.45           |                 | /             | /             | 20.95 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      | 23.69           |                 | /             | /             | 21.19 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      | 23.51           |                 | /             | /             | 21.01 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  | 23.63           |                 | /             | /             | 21.13 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right | 23.43           |                 | /             | /             | 20.93 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3949.98         | Edge 1RB Left   |                 | 23.64         | /             | /     | 21.14 | /     | /     | <=30 | Pass |
| Edge 1RB Right                                                                   |                 | 23.94           |                 | /             | /             | 21.44 | /     | /     | <=30  | Pass |      |
| Outer_Full                                                                       |                 | 23.82           |                 | /             | /             | 21.32 | /     | /     | <=30  | Pass |      |
| Inner_Full                                                                       |                 | 23.72           |                 | /             | /             | 21.22 | /     | /     | <=30  | Pass |      |
| Inner 1RB Left                                                                   |                 | 23.56           |                 | /             | /             | 21.06 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  |                 | 23.83           |                 | /             | /             | 21.33 | /     | /     | <=30  | Pass |      |
| CP-OFDM 256 QAM                                                                  |                 | 3730.02         |                 | Edge 1RB Left | 20.27         | /     | /     | 17.77 | /     | /    | <=30 |
|                                                                                  | Edge 1RB Right  |                 |                 | 20.40         | /             | /     | 17.90 | /     | /     | <=30 | Pass |
|                                                                                  | Outer_Full      |                 |                 | 20.35         | /             | /     | 17.85 | /     | /     | <=30 | Pass |
|                                                                                  | Inner_Full      |                 | 20.35           | /             | /             | 17.85 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 20.23           | /             | /             | 17.73 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 20.30           | /             | /             | 17.80 | /     | /     | <=30  | Pass |      |
|                                                                                  | 3840            |                 | Edge 1RB Left   | 20.69         | /             | /     | 18.19 | /     | /     | <=30 | Pass |
|                                                                                  |                 | Edge 1RB Right  | 20.56           | /             | /             | 18.06 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.58           | /             | /             | 18.08 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.52           | /             | /             | 18.02 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.70           | /             | /             | 18.20 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.45           | /             | /             | 17.95 | /     | /     | <=30  | Pass |      |
|                                                                                  |                 | 3949.98         | Edge 1RB Left   | 20.62         | /             | /     | 18.12 | /     | /     | <=30 | Pass |
|                                                                                  | Edge 1RB Right  |                 | 20.91           | /             | /             | 18.41 | /     | /     | <=30  | Pass |      |
|                                                                                  | Outer_Full      |                 | 20.87           | /             | /             | 18.37 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner_Full      |                 | 20.70           | /             | /             | 18.20 | /     | /     | <=30  | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 20.64           | /             | /             | 18.14 | /     | /     | <=30  | Pass |      |
| Inner 1RB Right                                                                  | 20.92           |                 | /               | /             | 18.42         | /     | /     | <=30  | Pass  |      |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |               |               |       |       |       |       |      |      |



### 1.1.9 30k\_SISO\_70MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 70MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Edge_1RB_Left   | 23.33                | /    | /   | 20.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.28                | /    | /   | 20.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.49                | /    | /   | 23.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.05                | /    | /   | 24.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.92                | /    | /   | 24.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.89                | /    | /   | 24.39     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.73                | /    | /   | 21.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.52                | /    | /   | 21.02     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.75                | /    | /   | 24.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.16                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.30                | /    | /   | 24.80     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.03                | /    | /   | 24.53     | /    | /   | <=30  | Pass    |
|                                     | 3945            | Edge_1RB_Left   | 23.54                | /    | /   | 21.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.96                | /    | /   | 21.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.84                | /    | /   | 24.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.23                | /    | /   | 24.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.49                | /    | /   | 24.99     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3735            | Edge_1RB_Left   | 23.17                | /    | /   | 20.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.36                | /    | /   | 20.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.94                | /    | /   | 23.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.97                | /    | /   | 24.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.85                | /    | /   | 24.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.79                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.61                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.50                | /    | /   | 21.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.19                | /    | /   | 23.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.15                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.24                | /    | /   | 24.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.98                | /    | /   | 24.48     | /    | /   | <=30  | Pass    |
|                                     | 3945            | Edge_1RB_Left   | 23.59                | /    | /   | 21.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.88                | /    | /   | 21.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.36                | /    | /   | 23.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.19                | /    | /   | 24.69     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.17                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.45                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3735            | Edge_1RB_Left   | 23.13                | /    | /   | 20.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.88                | /    | /   | 22.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.87                | /    | /   | 23.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.59                | /    | /   | 23.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.65                | /    | /   | 23.15     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.44                | /    | /   | 20.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.06                | /    | /   | 22.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.00                | /    | /   | 23.50     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.15                | /    | /   | 23.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.01                | /    | /   | 23.51     | /    | /   | <=30  | Pass    |
|                                     | 3945            | Edge_1RB_Left   | 23.41                | /    | /   | 20.91     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.81                | /    | /   | 21.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.25                | /    | /   | 22.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.17                | /    | /   | 23.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.86                | /    | /   | 23.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.26                | /    | /   | 23.76     | /    | /   | <=30  | Pass    |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3735 | Edge_1RB_Left   | 23.24 | / | / | 20.74 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.33 | / | / | 20.83 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.41 | / | / | 21.91 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.41 | / | / | 21.91 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.31 | / | / | 21.81 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.38 | / | / | 21.88 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.79 | / | / | 21.29 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.61 | / | / | 21.11 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.61 | / | / | 22.11 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.58 | / | / | 22.08 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.86 | / | / | 22.36 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.73 | / | / | 22.23 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 23.59 | / | / | 21.09 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.97 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.72 | / | / | 22.22 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.55 | / | / | 22.05 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.58 | / | / | 22.08 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.02 | / | / | 22.52 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3735 | Edge_1RB_Left   | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.33 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.37 | / | / | 19.87 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.42 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.29 | / | / | 19.79 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.23 | / | / | 19.73 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.47 | / | / | 19.97 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.67 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.61 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.52 | / | / | 20.02 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 22.50 | / | / | 20.00 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.85 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.76 | / | / | 20.26 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.75 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.89 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3735 | Edge_1RB_Left   | 23.44 | / | / | 20.94 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.41 | / | / | 20.91 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.07 | / | / | 21.57 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.49 | / | / | 22.99 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.54 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.57 | / | / | 23.07 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.83 | / | / | 21.33 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.68 | / | / | 21.18 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.15 | / | / | 21.65 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.45 | / | / | 22.95 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.93 | / | / | 23.43 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.49 | / | / | 22.99 | / | / | <=30 | Pass |
|                    | 3945 | Edge_1RB_Left   | 23.81 | / | / | 21.31 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.05 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.42 | / | / | 21.92 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.66 | / | / | 23.16 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.78 | / | / | 23.28 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.91 | / | / | 23.41 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3735 | Edge_1RB_Left   | 23.29 | / | / | 20.79 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.35 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.89 | / | / | 21.39 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.99 | / | / | 22.49 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.64 | / | / | 22.14 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |                 |               |       |       |       |       |      |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|------|------|------|
|                                                                                  |                 |                 | Inner 1RB Right | 24.76         | /     | /     | 22.26 | /     | /    | <=30 | Pass |
|                                                                                  |                 | 3840            | Edge 1RB Left   | 23.65         | /     | /     | 21.15 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.51         | /     | /     | 21.01 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.08         | /     | /     | 21.58 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.09         | /     | /     | 22.59 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.25         | /     | /     | 22.75 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 24.96         | /     | /     | 22.46 | /     | /    | <=30 | Pass |
|                                                                                  |                 | 3945            | Edge 1RB Left   | 23.60         | /     | /     | 21.10 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.99         | /     | /     | 21.49 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.18         | /     | /     | 21.68 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.11         | /     | /     | 22.61 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.08         | /     | /     | 22.58 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.35         | /     | /     | 22.85 | /     | /    | <=30 | Pass |
|                                                                                  |                 | CP-OFDM 64 QAM  | 3735            | Edge 1RB Left | 23.25 | /     | /     | 20.75 | /    | /    | <=30 |
| Edge 1RB Right                                                                   | 23.33           |                 |                 | /             | /     | 20.83 | /     | /     | <=30 | Pass |      |
| Outer_Full                                                                       | 23.51           |                 |                 | /             | /     | 21.01 | /     | /     | <=30 | Pass |      |
| Inner_Full                                                                       | 23.48           |                 |                 | /             | /     | 20.98 | /     | /     | <=30 | Pass |      |
| Inner 1RB Left                                                                   | 23.26           |                 |                 | /             | /     | 20.76 | /     | /     | <=30 | Pass |      |
| Inner 1RB Right                                                                  | 23.33           |                 |                 | /             | /     | 20.83 | /     | /     | <=30 | Pass |      |
| 3840                                                                             | Edge 1RB Left   |                 | 23.78           | /             | /     | 21.28 | /     | /     | <=30 | Pass |      |
|                                                                                  | Edge 1RB Right  |                 | 23.62           | /             | /     | 21.12 | /     | /     | <=30 | Pass |      |
|                                                                                  | Outer_Full      |                 | 23.68           | /             | /     | 21.18 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner_Full      |                 | 23.65           | /             | /     | 21.15 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 23.71           | /             | /     | 21.21 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 23.74           | /             | /     | 21.24 | /     | /     | <=30 | Pass |      |
| 3945                                                                             | Edge 1RB Left   |                 | 23.69           | /             | /     | 21.19 | /     | /     | <=30 | Pass |      |
|                                                                                  | Edge 1RB Right  |                 | 23.98           | /             | /     | 21.48 | /     | /     | <=30 | Pass |      |
|                                                                                  | Outer_Full      |                 | 23.78           | /             | /     | 21.28 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner_Full      |                 | 23.82           | /             | /     | 21.32 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 23.74           | /             | /     | 21.24 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 24.03           | /             | /     | 21.53 | /     | /     | <=30 | Pass |      |
| CP-OFDM 256 QAM                                                                  | 3735            |                 | Edge 1RB Left   | 20.38         | /     | /     | 17.88 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 20.36         | /     | /     | 17.86 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 20.31         | /     | /     | 17.81 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 20.37         | /     | /     | 17.87 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 20.39         | /     | /     | 17.89 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 20.23         | /     | /     | 17.73 | /     | /    | <=30 | Pass |
|                                                                                  | 3840            | Edge 1RB Left   | 20.63           | /             | /     | 18.13 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Edge 1RB Right  | 20.59           | /             | /     | 18.09 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.68           | /             | /     | 18.18 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.61           | /             | /     | 18.11 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.81           | /             | /     | 18.31 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.57           | /             | /     | 18.07 | /     | /     | <=30 | Pass |      |
|                                                                                  | 3945            | Edge 1RB Left   | 20.63           | /             | /     | 18.13 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Edge 1RB Right  | 21.02           | /             | /     | 18.52 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.80           | /             | /     | 18.30 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.81           | /             | /     | 18.31 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.58           | /             | /     | 18.08 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.93           | /             | /     | 18.43 | /     | /     | <=30 | Pass |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |               |       |       |       |       |      |      |      |

### 1.1.10 30k\_SISO\_80MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 80MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Edge_1RB_Left   | 23.20                | /    | /   | 20.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.45                | /    | /   | 23.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.09                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.81                | /    | /   | 24.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.02                | /    | /   | 24.52     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.64                | /    | /   | 21.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.51                | /    | /   | 21.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.68                | /    | /   | 24.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.28                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.33                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 23.74                | /    | /   | 21.24     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.93                | /    | /   | 21.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.79                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.23                | /    | /   | 24.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.25                | /    | /   | 24.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.57                | /    | /   | 25.07     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3740.01         | Edge_1RB_Left   | 23.27                | /    | /   | 20.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.37                | /    | /   | 20.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.99                | /    | /   | 23.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.99                | /    | /   | 24.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.79                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.95                | /    | /   | 24.45     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.61                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.50                | /    | /   | 21.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.23                | /    | /   | 23.73     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.26                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.13                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 23.68                | /    | /   | 21.18     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.93                | /    | /   | 21.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.36                | /    | /   | 23.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.16                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.15                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.46                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3740.01         | Edge_1RB_Left   | 23.17                | /    | /   | 20.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.34                | /    | /   | 20.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.84                | /    | /   | 22.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.86                | /    | /   | 23.36     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.67                | /    | /   | 23.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.80                | /    | /   | 23.30     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.46                | /    | /   | 20.96     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.35                | /    | /   | 20.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.11                | /    | /   | 22.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.14                | /    | /   | 23.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.07                | /    | /   | 23.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.02                | /    | /   | 23.52     | /    | /   | <=30  | Pass    |
|                                     | 3939.99         | Edge_1RB_Left   | 23.59                | /    | /   | 21.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.87                | /    | /   | 21.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.35                | /    | /   | 22.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.24                | /    | /   | 23.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.06                | /    | /   | 23.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.33                | /    | /   | 23.83     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3740.01 | Edge_1RB_Left   | 23.29 | / | / | 20.79 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.43 | / | / | 20.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.37 | / | / | 21.87 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.42 | / | / | 21.92 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.27 | / | / | 21.77 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.44 | / | / | 21.94 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.73 | / | / | 21.23 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.62 | / | / | 21.12 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.65 | / | / | 22.15 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.59 | / | / | 22.09 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.75 | / | / | 22.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.75 | / | / | 22.25 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 23.72 | / | / | 21.22 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.96 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.83 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.84 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.73 | / | / | 22.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.03 | / | / | 22.53 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3740.01 | Edge_1RB_Left   | 22.22 | / | / | 19.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.33 | / | / | 19.83 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.38 | / | / | 19.88 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.41 | / | / | 19.91 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.24 | / | / | 19.74 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.40 | / | / | 19.90 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.61 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.48 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.69 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.52 | / | / | 20.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.62 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.52 | / | / | 20.02 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 22.74 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.89 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.73 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.74 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.73 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.90 | / | / | 20.40 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3740.01 | Edge_1RB_Left   | 23.42 | / | / | 20.92 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.55 | / | / | 21.05 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.89 | / | / | 21.39 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.39 | / | / | 22.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.51 | / | / | 23.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.61 | / | / | 23.11 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.74 | / | / | 21.24 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.17 | / | / | 21.67 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.62 | / | / | 23.12 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.89 | / | / | 23.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.58 | / | / | 23.08 | / | / | <=30 | Pass |
|                    | 3939.99 | Edge_1RB_Left   | 23.94 | / | / | 21.44 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.13 | / | / | 21.63 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.30 | / | / | 21.80 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.49 | / | / | 22.99 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 26.06 | / | / | 23.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.04 | / | / | 23.54 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3740.01 | Edge_1RB_Left   | 23.29 | / | / | 20.79 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.43 | / | / | 20.93 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.91 | / | / | 21.41 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.97 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.72 | / | / | 22.22 | / | / | <=30 | Pass |

|                                                                                  |                 |                 |                 |               |       |       |       |       |      |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|------|------|------|
|                                                                                  |                 | Inner 1RB Right | 24.90           | /             | /     | 22.40 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | 3840            | Edge 1RB Left   | 23.71         | /     | /     | 21.21 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.51         | /     | /     | 21.01 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.11         | /     | /     | 21.61 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.09         | /     | /     | 22.59 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.12         | /     | /     | 22.62 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 24.95         | /     | /     | 22.45 | /     | /    | <=30 | Pass |
|                                                                                  |                 | 3939.99         | Edge 1RB Left   | 23.66         | /     | /     | 21.16 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 23.91         | /     | /     | 21.41 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 24.29         | /     | /     | 21.79 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner_Full      | 25.11         | /     | /     | 22.61 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Left  | 25.14         | /     | /     | 22.64 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Inner 1RB Right | 25.38         | /     | /     | 22.88 | /     | /    | <=30 | Pass |
|                                                                                  |                 | CP-OFDM 64 QAM  | 3740.01         | Edge 1RB Left | 23.29 | /     | /     | 20.79 | /    | /    | <=30 |
| Edge 1RB Right                                                                   | 23.39           |                 |                 | /             | /     | 20.89 | /     | /     | <=30 | Pass |      |
| Outer_Full                                                                       | 23.44           |                 |                 | /             | /     | 20.94 | /     | /     | <=30 | Pass |      |
| Inner_Full                                                                       | 23.42           |                 |                 | /             | /     | 20.92 | /     | /     | <=30 | Pass |      |
| Inner 1RB Left                                                                   | 23.28           |                 |                 | /             | /     | 20.78 | /     | /     | <=30 | Pass |      |
| Inner 1RB Right                                                                  | 23.42           |                 |                 | /             | /     | 20.92 | /     | /     | <=30 | Pass |      |
| 3840                                                                             | Edge 1RB Left   |                 | 23.69           | /             | /     | 21.19 | /     | /     | <=30 | Pass |      |
|                                                                                  | Edge 1RB Right  |                 | 23.66           | /             | /     | 21.16 | /     | /     | <=30 | Pass |      |
|                                                                                  | Outer_Full      |                 | 23.75           | /             | /     | 21.25 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner_Full      |                 | 23.67           | /             | /     | 21.17 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 23.73           | /             | /     | 21.23 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 23.68           | /             | /     | 21.18 | /     | /     | <=30 | Pass |      |
| 3939.99                                                                          | Edge 1RB Left   |                 | 23.66           | /             | /     | 21.16 | /     | /     | <=30 | Pass |      |
|                                                                                  | Edge 1RB Right  |                 | 23.96           | /             | /     | 21.46 | /     | /     | <=30 | Pass |      |
|                                                                                  | Outer_Full      |                 | 23.85           | /             | /     | 21.35 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner_Full      |                 | 23.85           | /             | /     | 21.35 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Left  |                 | 23.68           | /             | /     | 21.18 | /     | /     | <=30 | Pass |      |
|                                                                                  | Inner 1RB Right |                 | 23.98           | /             | /     | 21.48 | /     | /     | <=30 | Pass |      |
| CP-OFDM 256 QAM                                                                  | 3740.01         |                 | Edge 1RB Left   | 20.30         | /     | /     | 17.80 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Edge 1RB Right  | 20.55         | /     | /     | 18.05 | /     | /    | <=30 | Pass |
|                                                                                  |                 |                 | Outer_Full      | 20.48         | /     | /     | 17.98 | /     | /    | <=30 | Pass |
|                                                                                  |                 | Inner_Full      | 20.49           | /             | /     | 17.99 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.32           | /             | /     | 17.82 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.36           | /             | /     | 17.86 | /     | /     | <=30 | Pass |      |
|                                                                                  | 3840            | Edge 1RB Left   | 20.73           | /             | /     | 18.23 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Edge 1RB Right  | 20.58           | /             | /     | 18.08 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.72           | /             | /     | 18.22 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.60           | /             | /     | 18.10 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.77           | /             | /     | 18.27 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Right | 20.62           | /             | /     | 18.12 | /     | /     | <=30 | Pass |      |
|                                                                                  | 3939.99         | Edge 1RB Left   | 20.79           | /             | /     | 18.29 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Edge 1RB Right  | 21.02           | /             | /     | 18.52 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Outer_Full      | 20.90           | /             | /     | 18.40 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.90           | /             | /     | 18.40 | /     | /     | <=30 | Pass |      |
|                                                                                  |                 | Inner 1RB Left  | 20.79           | /             | /     | 18.29 | /     | /     | <=30 | Pass |      |
| Inner 1RB Right                                                                  |                 | 21.03           | /               | /             | 18.53 | /     | /     | <=30  | Pass |      |      |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |               |       |       |       |       |      |      |      |

### 1.1.11 30k\_SISO\_90MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 90MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Edge_1RB_Left   | 23.35                | /    | /   | 20.85     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.66                | /    | /   | 21.16     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.49                | /    | /   | 23.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.02                | /    | /   | 24.52     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.89                | /    | /   | 24.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.20                | /    | /   | 24.70     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.69                | /    | /   | 21.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.69                | /    | /   | 21.19     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.73                | /    | /   | 24.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.21                | /    | /   | 24.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.29                | /    | /   | 24.79     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.28                | /    | /   | 24.78     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 23.70                | /    | /   | 21.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 24.04                | /    | /   | 21.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.88                | /    | /   | 24.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.13                | /    | /   | 24.63     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.26                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.55                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Edge_1RB_Left   | 23.39                | /    | /   | 20.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.67                | /    | /   | 21.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.89                | /    | /   | 23.39     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.90                | /    | /   | 24.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.79                | /    | /   | 24.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.07                | /    | /   | 24.57     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.71                | /    | /   | 21.21     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.73                | /    | /   | 21.23     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.26                | /    | /   | 23.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.17                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.16                | /    | /   | 24.66     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.14                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 23.74                | /    | /   | 21.24     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.99                | /    | /   | 21.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 26.32                | /    | /   | 23.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 27.33                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 27.24                | /    | /   | 24.74     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 27.47                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Edge_1RB_Left   | 23.21                | /    | /   | 20.71     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.48                | /    | /   | 20.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.83                | /    | /   | 22.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 25.82                | /    | /   | 23.32     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 25.63                | /    | /   | 23.13     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.96                | /    | /   | 23.46     | /    | /   | <=30  | Pass    |
|                                     | 3840            | Edge_1RB_Left   | 23.44                | /    | /   | 20.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.48                | /    | /   | 20.98     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.12                | /    | /   | 22.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.04                | /    | /   | 23.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.12                | /    | /   | 23.62     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.07                | /    | /   | 23.57     | /    | /   | <=30  | Pass    |
|                                     | 3934.98         | Edge_1RB_Left   | 23.56                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 23.81                | /    | /   | 21.31     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 25.39                | /    | /   | 22.89     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 26.40                | /    | /   | 23.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 26.04                | /    | /   | 23.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 26.18                | /    | /   | 23.68     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 3745.02 | Edge_1RB_Left   | 23.33 | / | / | 20.83 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.60 | / | / | 21.10 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.30 | / | / | 21.80 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.37 | / | / | 21.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.39 | / | / | 21.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.64 | / | / | 22.14 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.70 | / | / | 21.20 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.75 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.62 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.66 | / | / | 22.16 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.77 | / | / | 22.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.76 | / | / | 22.26 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 23.72 | / | / | 21.22 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.05 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.77 | / | / | 22.27 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.74 | / | / | 22.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.73 | / | / | 22.23 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.04 | / | / | 22.54 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3745.02 | Edge_1RB_Left   | 22.22 | / | / | 19.72 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.50 | / | / | 20.00 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.42 | / | / | 19.92 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.38 | / | / | 19.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.26 | / | / | 19.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.46 | / | / | 19.96 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.59 | / | / | 20.09 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.71 | / | / | 20.21 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.51 | / | / | 20.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.65 | / | / | 20.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.56 | / | / | 20.06 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 22.59 | / | / | 20.09 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 22.90 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.72 | / | / | 20.22 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.79 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.89 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3745.02 | Edge_1RB_Left   | 23.36 | / | / | 20.86 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.78 | / | / | 21.28 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.32 | / | / | 22.82 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.53 | / | / | 23.03 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.72 | / | / | 23.22 | / | / | <=30 | Pass |
|                    | 3840    | Edge_1RB_Left   | 23.84 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.84 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.14 | / | / | 21.64 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.63 | / | / | 23.13 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.79 | / | / | 23.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.77 | / | / | 23.27 | / | / | <=30 | Pass |
|                    | 3934.98 | Edge_1RB_Left   | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 24.11 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.38 | / | / | 21.88 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.65 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.89 | / | / | 23.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 26.10 | / | / | 23.60 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3745.02 | Edge_1RB_Left   | 23.25 | / | / | 20.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 23.58 | / | / | 21.08 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.84 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.92 | / | / | 22.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.79 | / | / | 22.29 | / | / | <=30 | Pass |



|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  | 3840    | Inner 1RB Right | 25.12 | / | / | 22.62 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 23.62 | / | / | 21.12 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 23.62 | / | / | 21.12 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 24.15 | / | / | 21.65 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 25.17 | / | / | 22.67 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 25.17 | / | / | 22.67 | / | / | <=30 | Pass |
|                                                                                  | 3934.98 | Inner 1RB Right | 24.97 | / | / | 22.47 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 23.75 | / | / | 21.25 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 24.02 | / | / | 21.52 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 24.34 | / | / | 21.84 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 25.18 | / | / | 22.68 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 25.23 | / | / | 22.73 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM                                                                   | 3745.02 | Inner 1RB Right | 25.54 | / | / | 23.04 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 23.40 | / | / | 20.90 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 23.73 | / | / | 21.23 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 23.38 | / | / | 20.88 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 23.24 | / | / | 20.74 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 23.34 | / | / | 20.84 | / | / | <=30 | Pass |
|                                                                                  | 3840    | Inner 1RB Right | 23.73 | / | / | 21.23 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 23.88 | / | / | 21.38 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 23.67 | / | / | 21.17 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 23.50 | / | / | 21.00 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 23.83 | / | / | 21.33 | / | / | <=30 | Pass |
|                                                                                  | 3934.98 | Inner 1RB Right | 23.85 | / | / | 21.35 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 23.80 | / | / | 21.30 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 24.14 | / | / | 21.64 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 23.92 | / | / | 21.42 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 23.79 | / | / | 21.29 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 23.87 | / | / | 21.37 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                  | 3745.02 | Inner 1RB Right | 24.09 | / | / | 21.59 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.30 | / | / | 17.80 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.59 | / | / | 18.09 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.36 | / | / | 17.86 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 20.43 | / | / | 17.93 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 20.31 | / | / | 17.81 | / | / | <=30 | Pass |
|                                                                                  | 3840    | Inner 1RB Right | 20.54 | / | / | 18.04 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.67 | / | / | 18.17 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.69 | / | / | 18.19 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.70 | / | / | 18.20 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 20.63 | / | / | 18.13 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 20.80 | / | / | 18.30 | / | / | <=30 | Pass |
|                                                                                  | 3934.98 | Inner 1RB Right | 20.66 | / | / | 18.16 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.77 | / | / | 18.27 | / | / | <=30 | Pass |
|                                                                                  |         | Edge 1RB Right  | 21.03 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                  |         | Outer Full      | 20.88 | / | / | 18.38 | / | / | <=30 | Pass |
|                                                                                  |         | Inner Full      | 20.76 | / | / | 18.26 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Left  | 20.80 | / | / | 18.30 | / | / | <=30 | Pass |
|                                                                                  |         | Inner 1RB Right | 20.98 | / | / | 18.48 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant6: -2.50dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.12 30k\_SISO\_100MHz\_NTNV\_EIRP

| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                 |               |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|---------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |               | Ant6                 | Ant2 | Sum | Ant6      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2                      | 3750            | Edge 1RB Left | 23.29                | /    | /   | 20.79     | /    | /   | <=30  | Pass    |

|                   |                   |                 |                 |       |   |       |       |   |      |      |      |
|-------------------|-------------------|-----------------|-----------------|-------|---|-------|-------|---|------|------|------|
| BPSK              |                   | Edge_1RB_Right  | 23.65           | /     | / | 21.15 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 26.55           | /     | / | 24.05 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 26.89           | /     | / | 24.39 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 26.90           | /     | / | 24.40 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 27.24           | /     | / | 24.74 | /     | / | <=30 | Pass |      |
|                   | 3840              | Edge_1RB_Left   | 23.67           | /     | / | 21.17 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.78           | /     | / | 21.28 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 26.78           | /     | / | 24.28 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 27.19           | /     | / | 24.69 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 27.23           | /     | / | 24.73 | /     | / | <=30 | Pass |      |
|                   | 3930              | Inner_1RB_Right | 27.39           | /     | / | 24.89 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.60           | /     | / | 21.10 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.95           | /     | / | 21.45 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 26.84           | /     | / | 24.34 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 27.10           | /     | / | 24.60 | /     | / | <=30 | Pass |      |
|                   | DFT-s-OFDM QPSK   | 3750            | Inner_1RB_Left  | 27.22 | / | /     | 24.72 | / | /    | <=30 | Pass |
|                   |                   |                 | Inner_1RB_Right | 27.61 | / | /     | 25.11 | / | /    | <=30 | Pass |
|                   |                   |                 | Edge_1RB_Left   | 23.34 | / | /     | 20.84 | / | /    | <=30 | Pass |
| Edge_1RB_Right    |                   |                 | 23.67           | /     | / | 21.17 | /     | / | <=30 | Pass |      |
| Outer_Full        |                   |                 | 26.01           | /     | / | 23.51 | /     | / | <=30 | Pass |      |
| Inner_Full        |                   |                 | 26.86           | /     | / | 24.36 | /     | / | <=30 | Pass |      |
| 3840              |                   | Inner_1RB_Left  | 26.88           | /     | / | 24.38 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 27.27           | /     | / | 24.77 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.64           | /     | / | 21.14 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.71           | /     | / | 21.21 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 26.28           | /     | / | 23.78 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 27.10           | /     | / | 24.60 | /     | / | <=30 | Pass |      |
| 3930              |                   | Inner_1RB_Left  | 27.18           | /     | / | 24.68 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 27.35           | /     | / | 24.85 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.54           | /     | / | 21.04 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.99           | /     | / | 21.49 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 26.33           | /     | / | 23.83 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 27.13           | /     | / | 24.63 | /     | / | <=30 | Pass |      |
| DFT-s-OFDM 16 QAM | 3750              | Inner_1RB_Left  | 27.14           | /     | / | 24.64 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 27.54           | /     | / | 25.04 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.29           | /     | / | 20.79 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.59           | /     | / | 21.09 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 24.96           | /     | / | 22.46 | /     | / | <=30 | Pass |      |
|                   | 3840              | Inner_Full      | 25.86           | /     | / | 23.36 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 25.76           | /     | / | 23.26 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 26.04           | /     | / | 23.54 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.51           | /     | / | 21.01 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.65           | /     | / | 21.15 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 25.16           | /     | / | 22.66 | /     | / | <=30 | Pass |      |
|                   | 3930              | Inner_Full      | 26.04           | /     | / | 23.54 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 26.00           | /     | / | 23.50 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 26.14           | /     | / | 23.64 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.50           | /     | / | 21.00 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Right  | 23.86           | /     | / | 21.36 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 25.20           | /     | / | 22.70 | /     | / | <=30 | Pass |      |
|                   | DFT-s-OFDM 64 QAM | 3750            | Inner_Full      | 26.24 | / | /     | 23.74 | / | /    | <=30 | Pass |
| Inner_1RB_Left    |                   |                 | 25.91           | /     | / | 23.41 | /     | / | <=30 | Pass |      |
| Inner_1RB_Right   |                   |                 | 26.40           | /     | / | 23.90 | /     | / | <=30 | Pass |      |
| Edge_1RB_Left     |                   |                 | 23.38           | /     | / | 20.88 | /     | / | <=30 | Pass |      |
| Edge_1RB_Right    |                   |                 | 23.69           | /     | / | 21.19 | /     | / | <=30 | Pass |      |
| 3840              |                   | Outer_Full      | 24.43           | /     | / | 21.93 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 24.41           | /     | / | 21.91 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 24.43           | /     | / | 21.93 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 24.74           | /     | / | 22.24 | /     | / | <=30 | Pass |      |
|                   |                   | Edge_1RB_Left   | 23.38           | /     | / | 20.88 | /     | / | <=30 | Pass |      |
| 3930              |                   | Edge_1RB_Right  | 23.69           | /     | / | 21.19 | /     | / | <=30 | Pass |      |
|                   |                   | Outer_Full      | 24.43           | /     | / | 21.93 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_Full      | 24.41           | /     | / | 21.91 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Left  | 24.43           | /     | / | 21.93 | /     | / | <=30 | Pass |      |
|                   |                   | Inner_1RB_Right | 24.74           | /     | / | 22.24 | /     | / | <=30 | Pass |      |

|                    |      |                 |       |   |   |       |   |   |      |      |
|--------------------|------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 3840 | Edge_1RB_Left   | 23.70 | / | / | 21.20 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.83 | / | / | 21.33 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.70 | / | / | 22.20 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.63 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.76 | / | / | 22.26 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 24.85 | / | / | 22.35 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 23.58 | / | / | 21.08 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.03 | / | / | 21.53 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.77 | / | / | 22.27 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 24.77 | / | / | 22.27 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.70 | / | / | 22.20 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.10 | / | / | 22.60 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3750 | Edge_1RB_Left   | 22.30 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.60 | / | / | 20.10 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.43 | / | / | 19.93 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.48 | / | / | 19.98 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.30 | / | / | 19.80 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.61 | / | / | 20.11 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 22.67 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.80 | / | / | 20.30 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.56 | / | / | 20.06 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.62 | / | / | 20.12 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.68 | / | / | 20.18 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.77 | / | / | 20.27 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 22.53 | / | / | 20.03 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 22.93 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 22.69 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 22.74 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 22.54 | / | / | 20.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 22.95 | / | / | 20.45 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3750 | Edge_1RB_Left   | 23.50 | / | / | 21.00 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.89 | / | / | 21.39 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.96 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.33 | / | / | 22.83 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.54 | / | / | 23.04 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.79 | / | / | 23.29 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.77 | / | / | 21.27 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.96 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.15 | / | / | 21.65 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.46 | / | / | 22.96 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.76 | / | / | 23.26 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.90 | / | / | 23.40 | / | / | <=30 | Pass |
|                    | 3930 | Edge_1RB_Left   | 23.79 | / | / | 21.29 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 24.16 | / | / | 21.66 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.27 | / | / | 21.77 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.61 | / | / | 23.11 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.73 | / | / | 23.23 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 26.05 | / | / | 23.55 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3750 | Edge_1RB_Left   | 23.35 | / | / | 20.85 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.75 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 23.96 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.10 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 24.84 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Right | 25.15 | / | / | 22.65 | / | / | <=30 | Pass |
|                    | 3840 | Edge_1RB_Left   | 23.57 | / | / | 21.07 | / | / | <=30 | Pass |
|                    |      | Edge_1RB_Right  | 23.83 | / | / | 21.33 | / | / | <=30 | Pass |
|                    |      | Outer_Full      | 24.16 | / | / | 21.66 | / | / | <=30 | Pass |
|                    |      | Inner_Full      | 25.15 | / | / | 22.65 | / | / | <=30 | Pass |
|                    |      | Inner_1RB_Left  | 25.17 | / | / | 22.67 | / | / | <=30 | Pass |

Note1: Antenna Gain: Ant6: -2.50dBi;  
Note2:  $EIRP = \text{Conducted Power} + \text{Antenna Gain}$

Note1: Antenna Gain: Ant6: -2.50dBi;

Note2:  $EIRP = \text{Conducted Power} + \text{Antenna Gain}$

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 30k\_SISO\_100MHz

| 5G NR n77a SCS=30kHz SISO 100MHz |                 |               |            |       |                  |                       |                |         |
|----------------------------------|-----------------|---------------|------------|-------|------------------|-----------------------|----------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) |                | Verdict |
|                                  |                 |               |            |       |                  | Result                | Limit          |         |
| DFT-s-OFDM PI/2 BPSK             | 3840            | Outer_Full    | 20         | LV    | 10.30            | 0.0027                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | 3.80             | 0.0010                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | 20.90            | 0.0054                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -20        | NV    | 13.90            | 0.0036                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -10        | NV    | 14.80            | 0.0039                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 0          | NV    | 11.70            | 0.0030                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 10         | NV    | 22.30            | 0.0058                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 20         | NV    | 28.40            | 0.0074                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 30         | NV    | -6.00            | -0.0016               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 40         | NV    | 7.10             | 0.0018                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 50         | NV    | -5.40            | -0.0014               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM QPSK                  | 3840            | Outer_Full    | 20         | LV    | -4.80            | -0.0013               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | 5.00             | 0.0013                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | 14.20            | 0.0037                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -20        | NV    | 14.80            | 0.0039                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -10        | NV    | 17.10            | 0.0045                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 0          | NV    | 17.90            | 0.0047                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 10         | NV    | -12.20           | -0.0032               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 20         | NV    | -5.60            | -0.0015               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 30         | NV    | 12.90            | 0.0034                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 40         | NV    | 15.80            | 0.0041                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 50         | NV    | -8.40            | -0.0022               | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 16 QAM                | 3840            | Outer_Full    | 20         | LV    | 15.10            | 0.0039                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | -0.30            | -0.0001               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | 7.70             | 0.0020                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -20        | NV    | 12.10            | 0.0032                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -10        | NV    | 28.70            | 0.0075                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 0          | NV    | 10.90            | 0.0028                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 10         | NV    | 21.00            | 0.0055                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 20         | NV    | 12.60            | 0.0033                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 30         | NV    | -7.40            | -0.0019               | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 40         | NV    | 8.30             | 0.0022                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 50         | NV    | 9.90             | 0.0026                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 64 QAM                | 3840            | Outer_Full    | 20         | LV    | 14.40            | 0.0038                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | 6.70             | 0.0017                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | 13.10            | 0.0034                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -20        | NV    | 13.20            | 0.0034                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -10        | NV    | 18.80            | 0.0049                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 0          | NV    | 9.70             | 0.0025                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 10         | NV    | 24.30            | 0.0063                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 20         | NV    | 15.80            | 0.0041                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 30         | NV    | 9.00             | 0.0023                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 40         | NV    | 13.00            | 0.0034                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | 50         | NV    | 20.90            | 0.0054                | >=-2.5 & <=2.5 | Pass    |
| DFT-s-OFDM 256 QAM               | 3840            | Outer_Full    | 20         | LV    | 20.90            | 0.0054                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               |            | HV    | 11.50            | 0.0030                | >=-2.5 & <=2.5 | Pass    |
|                                  |                 |               | -30        | NV    | 15.70            | 0.0041                | >=-2.5 & <=2.5 | Pass    |

|                 |      |            |     |    |        |         |                       |      |
|-----------------|------|------------|-----|----|--------|---------|-----------------------|------|
|                 |      |            | -20 | NV | 18.00  | 0.0047  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -10 | NV | 20.90  | 0.0054  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 0   | NV | 9.70   | 0.0025  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 10  | NV | 14.50  | 0.0038  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 20  | NV | 11.50  | 0.0030  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 30  | NV | 17.70  | 0.0046  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 40  | NV | 3.60   | 0.0009  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 50  | NV | 23.90  | 0.0062  | $>=-2.5 \ \& \ <=2.5$ | Pass |
| CP-OFDM QPSK    | 3840 | Outer_Full | 20  | LV | 7.60   | 0.0020  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            |     | HV | 14.50  | 0.0038  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -30 | NV | 5.80   | 0.0015  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -20 | NV | 6.10   | 0.0016  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -10 | NV | 13.80  | 0.0036  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 0   | NV | 7.90   | 0.0021  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 10  | NV | 18.50  | 0.0048  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 20  | NV | 20.40  | 0.0053  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 30  | NV | 8.10   | 0.0021  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 40  | NV | 10.40  | 0.0027  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 50  | NV | 16.30  | 0.0042  | $>=-2.5 \ \& \ <=2.5$ | Pass |
| CP-OFDM 16 QAM  | 3840 | Outer_Full | 20  | LV | -6.10  | -0.0016 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            |     | HV | 11.50  | 0.0030  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -30 | NV | 4.50   | 0.0012  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -20 | NV | 9.60   | 0.0025  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -10 | NV | 12.00  | 0.0031  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 0   | NV | 4.20   | 0.0011  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 10  | NV | -8.40  | -0.0022 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 20  | NV | 17.00  | 0.0044  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 30  | NV | -6.80  | -0.0018 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 40  | NV | -5.60  | -0.0015 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 50  | NV | 7.60   | 0.0020  | $>=-2.5 \ \& \ <=2.5$ | Pass |
| CP-OFDM 64 QAM  | 3840 | Outer_Full | 20  | LV | 11.80  | 0.0031  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            |     | HV | 9.10   | 0.0024  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -30 | NV | 9.80   | 0.0026  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -20 | NV | 9.10   | 0.0024  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -10 | NV | -8.00  | -0.0021 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 0   | NV | 5.20   | 0.0014  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 10  | NV | 5.80   | 0.0015  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 20  | NV | 13.70  | 0.0036  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 30  | NV | -11.10 | -0.0029 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 40  | NV | 6.90   | 0.0018  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 50  | NV | 12.70  | 0.0033  | $>=-2.5 \ \& \ <=2.5$ | Pass |
| CP-OFDM 256 QAM | 3840 | Outer_Full | 20  | LV | 15.70  | 0.0041  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            |     | HV | 20.70  | 0.0054  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -30 | NV | -3.20  | -0.0008 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -20 | NV | -8.40  | -0.0022 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | -10 | NV | -6.80  | -0.0018 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 0   | NV | -6.10  | -0.0016 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 10  | NV | 6.50   | 0.0017  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 20  | NV | -2.10  | -0.0005 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 30  | NV | -3.70  | -0.0010 | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 40  | NV | 12.00  | 0.0031  | $>=-2.5 \ \& \ <=2.5$ | Pass |
|                 |      |            | 50  | NV | 12.70  | 0.0033  | $>=-2.5 \ \& \ <=2.5$ | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 30k\_SISO\_10MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 10MHz NTV |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3705            | Outer_Full    | 8.68                | 9.60                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.70                | 9.82                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.64                | 9.91                 | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3705            | Outer_Full    | 8.69                | 10.02                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.68                | 9.58                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.66                | 9.61                 | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3705            | Outer_Full    | 8.63                | 9.96                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.71                | 10.12                | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.70                | 9.54                 | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3705            | Outer_Full    | 8.65                | 9.88                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.64                | 10.24                | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.61                | 10.34                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3705            | Outer_Full    | 8.67                | 10.12                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.63                | 9.83                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.62                | 9.82                 | /           | Pass    |
| CP-OFDM QPSK                        | 3705            | Outer_Full    | 8.65                | 9.96                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.67                | 10.19                | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.65                | 9.79                 | /           | Pass    |
| CP-OFDM 16 QAM                      | 3705            | Outer_Full    | 8.63                | 9.56                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.71                | 9.68                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.71                | 10.20                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3705            | Outer_Full    | 8.63                | 10.03                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.68                | 9.96                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.69                | 9.96                 | /           | Pass    |
| CP-OFDM 256 QAM                     | 3705            | Outer_Full    | 8.75                | 9.90                 | /           | Pass    |
|                                     | 3840            | Outer_Full    | 8.72                | 9.65                 | /           | Pass    |
|                                     | 3975            | Outer_Full    | 8.64                | 9.39                 | /           | Pass    |

##### 3.1.2 30k\_SISO\_15MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 15MHz NTV |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3707.52         | Outer_Full    | 13.06               | 14.29                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 12.94               | 14.17                | /           | Pass    |
|                                     | 3972.48         | Outer_Full    | 12.99               | 14.17                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3707.52         | Outer_Full    | 12.92               | 14.29                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 13.08               | 14.50                | /           | Pass    |
|                                     | 3972.48         | Outer_Full    | 13.06               | 14.06                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3707.52         | Outer_Full    | 13.04               | 14.66                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 13.04               | 14.80                | /           | Pass    |
|                                     | 3972.48         | Outer_Full    | 13.07               | 14.37                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3707.52         | Outer_Full    | 13.11               | 14.68                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 13.13               | 14.58                | /           | Pass    |
|                                     | 3972.48         | Outer_Full    | 13.05               | 14.21                | /           | Pass    |

|                    |         |            |       |       |   |      |
|--------------------|---------|------------|-------|-------|---|------|
| DFT-s-OFDM 256 QAM | 3707.52 | Outer_Full | 13.04 | 14.45 | / | Pass |
|                    | 3840    | Outer_Full | 12.96 | 13.99 | / | Pass |
|                    | 3972.48 | Outer_Full | 13.09 | 14.17 | / | Pass |
| CP-OFDM QPSK       | 3707.52 | Outer_Full | 13.68 | 14.91 | / | Pass |
|                    | 3840    | Outer_Full | 13.77 | 15.33 | / | Pass |
|                    | 3972.48 | Outer_Full | 13.69 | 15.35 | / | Pass |
| CP-OFDM 16 QAM     | 3707.52 | Outer_Full | 13.82 | 15.17 | / | Pass |
|                    | 3840    | Outer_Full | 13.72 | 15.33 | / | Pass |
|                    | 3972.48 | Outer_Full | 13.64 | 15.14 | / | Pass |
| CP-OFDM 64 QAM     | 3707.52 | Outer_Full | 13.75 | 15.01 | / | Pass |
|                    | 3840    | Outer_Full | 13.75 | 14.67 | / | Pass |
|                    | 3972.48 | Outer_Full | 13.71 | 15.00 | / | Pass |
| CP-OFDM 256 QAM    | 3707.52 | Outer_Full | 13.61 | 14.67 | / | Pass |
|                    | 3840    | Outer_Full | 13.67 | 14.82 | / | Pass |
|                    | 3972.48 | Outer_Full | 13.68 | 14.70 | / | Pass |

### 3.1.3 30k\_SISO\_20MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 20MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3710.01         | Outer_Full    | 17.97               | 19.45                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.18               | 19.45                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.08               | 19.30                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3710.01         | Outer_Full    | 18.06               | 19.30                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.05               | 19.24                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.12               | 19.55                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3710.01         | Outer_Full    | 18.08               | 19.43                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.07               | 19.54                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.07               | 19.56                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3710.01         | Outer_Full    | 18.10               | 19.46                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.14               | 19.80                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.11               | 19.39                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3710.01         | Outer_Full    | 17.97               | 19.21                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.12               | 19.73                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.06               | 19.32                | /           | Pass    |
| CP-OFDM QPSK                        | 3710.01         | Outer_Full    | 18.39               | 19.76                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.34               | 19.80                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.36               | 19.89                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3710.01         | Outer_Full    | 18.30               | 19.59                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.35               | 19.90                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.41               | 19.86                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3710.01         | Outer_Full    | 18.30               | 19.70                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.40               | 20.21                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.45               | 19.94                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3710.01         | Outer_Full    | 18.39               | 19.86                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 18.46               | 19.77                | /           | Pass    |
|                                     | 3969.99         | Outer_Full    | 18.24               | 19.89                | /           | Pass    |

### 3.1.4 30k\_SISO\_25MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 25MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3712.5          | Outer_Full    | 22.95               | 24.69                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 23.18               | 24.49                | /           | Pass    |



|                    |        |            |       |       |   |      |
|--------------------|--------|------------|-------|-------|---|------|
|                    | 3967.5 | Outer_Full | 23.09 | 24.58 | / | Pass |
| DFT-s-OFDM QPSK    | 3712.5 | Outer_Full | 22.93 | 24.84 | / | Pass |
|                    | 3840   | Outer_Full | 23.21 | 25.12 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.22 | 24.80 | / | Pass |
| DFT-s-OFDM 16 QAM  | 3712.5 | Outer_Full | 23.06 | 25.00 | / | Pass |
|                    | 3840   | Outer_Full | 23.24 | 24.56 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.15 | 24.66 | / | Pass |
| DFT-s-OFDM 64 QAM  | 3712.5 | Outer_Full | 23.20 | 25.46 | / | Pass |
|                    | 3840   | Outer_Full | 23.21 | 24.48 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.22 | 24.77 | / | Pass |
| DFT-s-OFDM 256 QAM | 3712.5 | Outer_Full | 23.12 | 25.07 | / | Pass |
|                    | 3840   | Outer_Full | 22.98 | 24.69 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.03 | 24.85 | / | Pass |
| CP-OFDM QPSK       | 3712.5 | Outer_Full | 23.48 | 24.96 | / | Pass |
|                    | 3840   | Outer_Full | 23.42 | 25.06 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.43 | 25.05 | / | Pass |
| CP-OFDM 16 QAM     | 3712.5 | Outer_Full | 23.36 | 25.00 | / | Pass |
|                    | 3840   | Outer_Full | 23.44 | 25.32 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.18 | 24.79 | / | Pass |
| CP-OFDM 64 QAM     | 3712.5 | Outer_Full | 23.46 | 25.09 | / | Pass |
|                    | 3840   | Outer_Full | 23.48 | 24.94 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.43 | 24.88 | / | Pass |
| CP-OFDM 256 QAM    | 3712.5 | Outer_Full | 23.33 | 24.63 | / | Pass |
|                    | 3840   | Outer_Full | 23.36 | 25.23 | / | Pass |
|                    | 3967.5 | Outer_Full | 23.49 | 25.11 | / | Pass |

### 3.1.5 30k\_SISO\_30MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 30MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3715.02         | Outer_Full    | 27.13               | 28.96                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 27.30               | 29.16                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 27.14               | 29.05                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3715.02         | Outer_Full    | 27.18               | 28.97                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 27.18               | 29.01                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 26.97               | 28.97                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3715.02         | Outer_Full    | 27.02               | 29.06                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 27.02               | 29.14                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 27.04               | 29.39                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3715.02         | Outer_Full    | 27.13               | 28.93                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 27.25               | 29.09                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 27.11               | 28.97                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3715.02         | Outer_Full    | 27.20               | 28.91                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 27.24               | 28.95                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 27.20               | 28.88                | /           | Pass    |
| CP-OFDM QPSK                        | 3715.02         | Outer_Full    | 28.07               | 30.24                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 28.08               | 30.19                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 28.14               | 29.83                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3715.02         | Outer_Full    | 28.09               | 30.18                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 28.14               | 30.29                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 28.03               | 30.54                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3715.02         | Outer_Full    | 28.11               | 29.79                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 28.11               | 30.26                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 28.04               | 30.23                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3715.02         | Outer_Full    | 28.02               | 29.76                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 28.27               | 30.05                | /           | Pass    |
|                                     | 3964.98         | Outer_Full    | 28.12               | 30.00                | /           | Pass    |

### 3.1.6 30k\_SISO\_40MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 40MHz NTV |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3720            | Outer_Full    | 36.03               | 38.35                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.19               | 38.38                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 35.90               | 38.94                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3720            | Outer_Full    | 36.02               | 38.66                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 35.92               | 38.70                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.01               | 38.78                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3720            | Outer_Full    | 36.32               | 38.35                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.26               | 38.62                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.02               | 38.58                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3720            | Outer_Full    | 36.28               | 38.80                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.00               | 38.48                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.03               | 38.59                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3720            | Outer_Full    | 36.26               | 38.96                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 36.14               | 38.52                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 36.02               | 38.55                | /           | Pass    |
| CP-OFDM QPSK                        | 3720            | Outer_Full    | 38.17               | 40.74                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.32               | 40.57                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.06               | 40.59                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3720            | Outer_Full    | 38.07               | 40.86                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.28               | 40.54                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.00               | 40.69                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3720            | Outer_Full    | 37.99               | 40.59                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.30               | 40.71                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.14               | 40.57                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3720            | Outer_Full    | 38.38               | 40.70                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 38.29               | 41.34                | /           | Pass    |
|                                     | 3960            | Outer_Full    | 38.05               | 40.67                | /           | Pass    |

### 3.1.7 30k\_SISO\_50MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 50MHz NTV |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3725.01         | Outer_Full    | 46.20               | 48.95                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 46.41               | 49.09                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 45.99               | 49.07                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3725.01         | Outer_Full    | 46.38               | 49.10                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 46.22               | 49.04                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 46.06               | 49.30                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3725.01         | Outer_Full    | 46.14               | 49.26                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 45.80               | 49.26                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 46.10               | 49.09                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3725.01         | Outer_Full    | 46.25               | 48.94                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 46.14               | 49.34                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 46.02               | 49.05                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3725.01         | Outer_Full    | 45.94               | 48.84                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 46.06               | 48.89                | /           | Pass    |
|                                     | 3954.99         | Outer_Full    | 45.82               | 49.04                | /           | Pass    |
| CP-OFDM QPSK                        | 3725.01         | Outer_Full    | 47.88               | 50.88                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 47.94               | 51.10                | /           | Pass    |

|                 |         |            |       |       |   |      |
|-----------------|---------|------------|-------|-------|---|------|
|                 | 3954.99 | Outer_Full | 47.75 | 50.99 | / | Pass |
| CP-OFDM 16 QAM  | 3725.01 | Outer_Full | 47.70 | 50.65 | / | Pass |
|                 | 3840    | Outer_Full | 47.89 | 51.21 | / | Pass |
|                 | 3954.99 | Outer_Full | 47.80 | 50.88 | / | Pass |
| CP-OFDM 64 QAM  | 3725.01 | Outer_Full | 47.91 | 51.02 | / | Pass |
|                 | 3840    | Outer_Full | 47.76 | 50.95 | / | Pass |
|                 | 3954.99 | Outer_Full | 47.78 | 51.05 | / | Pass |
| CP-OFDM 256 QAM | 3725.01 | Outer_Full | 47.77 | 50.93 | / | Pass |
|                 | 3840    | Outer_Full | 47.99 | 51.08 | / | Pass |
|                 | 3954.99 | Outer_Full | 47.72 | 50.59 | / | Pass |

### 3.1.8 30k\_SISO\_60MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 60MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3730.02         | Outer_Full    | 58.53               | 61.80                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.36               | 61.74                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.58               | 62.26                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3730.02         | Outer_Full    | 58.49               | 62.08                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.39               | 61.86                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.19               | 62.10                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3730.02         | Outer_Full    | 58.48               | 62.08                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.73               | 62.28                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.37               | 61.60                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3730.02         | Outer_Full    | 58.35               | 62.25                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.90               | 62.33                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.47               | 62.15                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3730.02         | Outer_Full    | 58.02               | 62.22                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.33               | 62.45                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.28               | 62.00                | /           | Pass    |
| CP-OFDM QPSK                        | 3730.02         | Outer_Full    | 58.13               | 62.37                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.29               | 61.98                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.04               | 62.33                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3730.02         | Outer_Full    | 58.10               | 62.09                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.63               | 62.06                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.43               | 61.97                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3730.02         | Outer_Full    | 58.14               | 62.72                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.33               | 62.09                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.22               | 62.23                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3730.02         | Outer_Full    | 58.22               | 62.15                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 58.22               | 61.74                | /           | Pass    |
|                                     | 3949.98         | Outer_Full    | 58.16               | 61.68                | /           | Pass    |

### 3.1.9 30k\_SISO\_70MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 70MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3735            | Outer_Full    | 65.31               | 69.29                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 64.97               | 69.17                | /           | Pass    |
|                                     | 3945            | Outer_Full    | 64.71               | 69.32                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3735            | Outer_Full    | 64.95               | 69.35                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 65.15               | 69.65                | /           | Pass    |
|                                     | 3945            | Outer_Full    | 64.77               | 69.26                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3735            | Outer_Full    | 65.11               | 69.44                | /           | Pass    |

|                    |      |            |       |       |   |      |
|--------------------|------|------------|-------|-------|---|------|
|                    | 3840 | Outer_Full | 64.85 | 69.60 | / | Pass |
|                    | 3945 | Outer_Full | 64.88 | 69.46 | / | Pass |
|                    | 3735 | Outer_Full | 64.91 | 69.50 | / | Pass |
| DFT-s-OFDM 64 QAM  | 3840 | Outer_Full | 64.94 | 69.47 | / | Pass |
|                    | 3945 | Outer_Full | 65.45 | 69.21 | / | Pass |
|                    | 3735 | Outer_Full | 65.02 | 69.15 | / | Pass |
| DFT-s-OFDM 256 QAM | 3840 | Outer_Full | 65.08 | 69.44 | / | Pass |
|                    | 3945 | Outer_Full | 64.76 | 69.07 | / | Pass |
|                    | 3735 | Outer_Full | 68.26 | 72.65 | / | Pass |
| CP-OFDM QPSK       | 3840 | Outer_Full | 68.17 | 72.64 | / | Pass |
|                    | 3945 | Outer_Full | 67.98 | 72.51 | / | Pass |
|                    | 3735 | Outer_Full | 68.16 | 72.69 | / | Pass |
| CP-OFDM 16 QAM     | 3840 | Outer_Full | 68.27 | 72.85 | / | Pass |
|                    | 3945 | Outer_Full | 67.98 | 72.45 | / | Pass |
|                    | 3735 | Outer_Full | 68.15 | 72.22 | / | Pass |
| CP-OFDM 64 QAM     | 3840 | Outer_Full | 68.18 | 73.36 | / | Pass |
|                    | 3945 | Outer_Full | 67.96 | 72.63 | / | Pass |
|                    | 3735 | Outer_Full | 68.18 | 72.77 | / | Pass |
| CP-OFDM 256 QAM    | 3840 | Outer_Full | 68.09 | 72.68 | / | Pass |
|                    | 3945 | Outer_Full | 68.04 | 73.89 | / | Pass |
|                    |      |            |       |       |   |      |

### 3.1.10 30k\_SISO\_80MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 80MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3740.01         | Outer_Full    | 77.66               | 82.42                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 78.18               | 82.27                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.83               | 82.66                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3740.01         | Outer_Full    | 77.80               | 82.86                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 77.77               | 82.81                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.71               | 82.67                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3740.01         | Outer_Full    | 77.62               | 82.39                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 78.40               | 83.46                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.69               | 83.20                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3740.01         | Outer_Full    | 77.65               | 82.58                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 77.86               | 83.04                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.98               | 82.55                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3740.01         | Outer_Full    | 77.66               | 82.45                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 77.81               | 82.59                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.77               | 82.81                | /           | Pass    |
| CP-OFDM QPSK                        | 3740.01         | Outer_Full    | 77.99               | 82.93                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 78.11               | 83.11                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 78.09               | 83.53                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3740.01         | Outer_Full    | 78.58               | 83.05                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 70.60               | 73.81                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 77.92               | 83.33                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3740.01         | Outer_Full    | 77.98               | 83.36                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 78.41               | 83.44                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 78.54               | 83.17                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3740.01         | Outer_Full    | 78.43               | 82.94                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 78.22               | 83.16                | /           | Pass    |
|                                     | 3939.99         | Outer_Full    | 78.30               | 83.00                | /           | Pass    |

### 3.1.11 30k\_SISO\_90MHz\_NTNV

| 5G NR n77a SCS=30kHz SISO 90MHz NTN |                 |               |                     |                      |             |         |
|-------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                | 3745.02         | Outer_Full    | 87.44               | 92.45                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.56               | 93.13                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.35               | 92.49                | /           | Pass    |
| DFT-s-OFDM QPSK                     | 3745.02         | Outer_Full    | 87.67               | 93.04                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.63               | 92.99                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.27               | 92.82                | /           | Pass    |
| DFT-s-OFDM 16 QAM                   | 3745.02         | Outer_Full    | 87.59               | 92.72                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.70               | 93.01                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.67               | 93.06                | /           | Pass    |
| DFT-s-OFDM 64 QAM                   | 3745.02         | Outer_Full    | 87.72               | 92.95                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.33               | 93.06                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.15               | 93.22                | /           | Pass    |
| DFT-s-OFDM 256 QAM                  | 3745.02         | Outer_Full    | 87.12               | 92.59                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 87.47               | 93.00                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 87.10               | 92.57                | /           | Pass    |
| CP-OFDM QPSK                        | 3745.02         | Outer_Full    | 87.54               | 93.74                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 88.48               | 93.79                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 88.22               | 93.17                | /           | Pass    |
| CP-OFDM 16 QAM                      | 3745.02         | Outer_Full    | 87.76               | 93.76                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 88.30               | 94.07                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 88.22               | 93.81                | /           | Pass    |
| CP-OFDM 64 QAM                      | 3745.02         | Outer_Full    | 88.23               | 93.89                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 88.23               | 94.02                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 88.04               | 93.83                | /           | Pass    |
| CP-OFDM 256 QAM                     | 3745.02         | Outer_Full    | 87.75               | 93.46                | /           | Pass    |
|                                     | 3840            | Outer_Full    | 88.45               | 93.89                | /           | Pass    |
|                                     | 3934.98         | Outer_Full    | 88.31               | 93.78                | /           | Pass    |

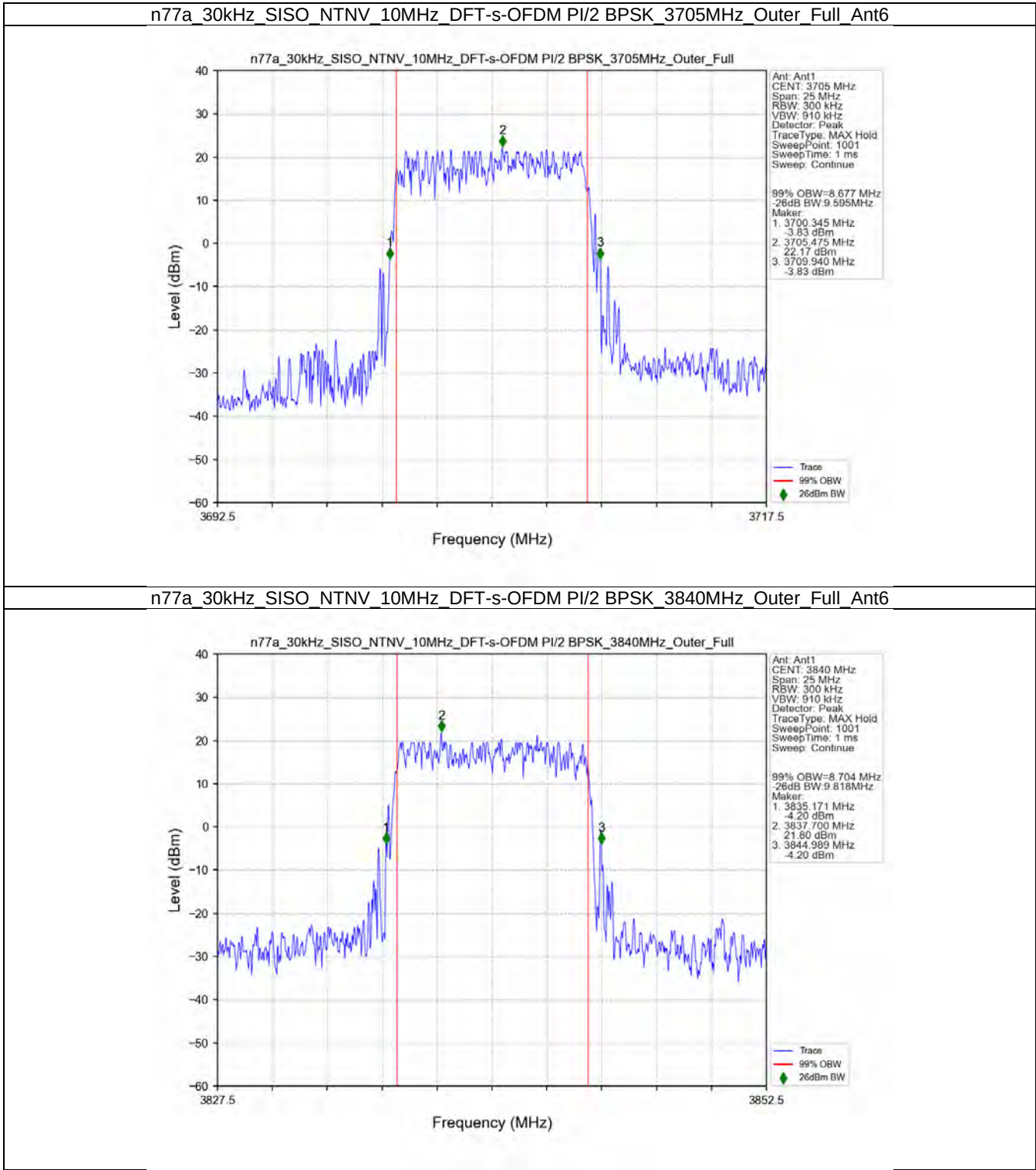
### 3.1.12 30k\_SISO\_100MHz\_NTN

| 5G NR n77a SCS=30kHz SISO 100MHz NTN |                 |               |                     |                      |             |         |
|--------------------------------------|-----------------|---------------|---------------------|----------------------|-------------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK                 | 3750            | Outer_Full    | 97.00               | 103.55               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.32               | 103.81               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.16               | 103.37               | /           | Pass    |
| DFT-s-OFDM QPSK                      | 3750            | Outer_Full    | 96.99               | 103.44               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.41               | 103.47               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.04               | 103.58               | /           | Pass    |
| DFT-s-OFDM 16 QAM                    | 3750            | Outer_Full    | 97.06               | 103.42               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.35               | 103.78               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.30               | 103.37               | /           | Pass    |
| DFT-s-OFDM 64 QAM                    | 3750            | Outer_Full    | 96.88               | 103.17               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.37               | 103.15               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 96.92               | 103.15               | /           | Pass    |
| DFT-s-OFDM 256 QAM                   | 3750            | Outer_Full    | 97.28               | 103.80               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 97.40               | 103.74               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.49               | 103.47               | /           | Pass    |
| CP-OFDM QPSK                         | 3750            | Outer_Full    | 98.43               | 104.58               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 98.42               | 104.70               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.89               | 104.39               | /           | Pass    |
| CP-OFDM 16 QAM                       | 3750            | Outer_Full    | 98.10               | 104.12               | /           | Pass    |
|                                      | 3840            | Outer_Full    | 98.37               | 104.97               | /           | Pass    |
|                                      | 3930            | Outer_Full    | 97.89               | 104.35               | /           | Pass    |
| CP-OFDM 64 QAM                       | 3750            | Outer_Full    | 98.02               | 104.59               | /           | Pass    |

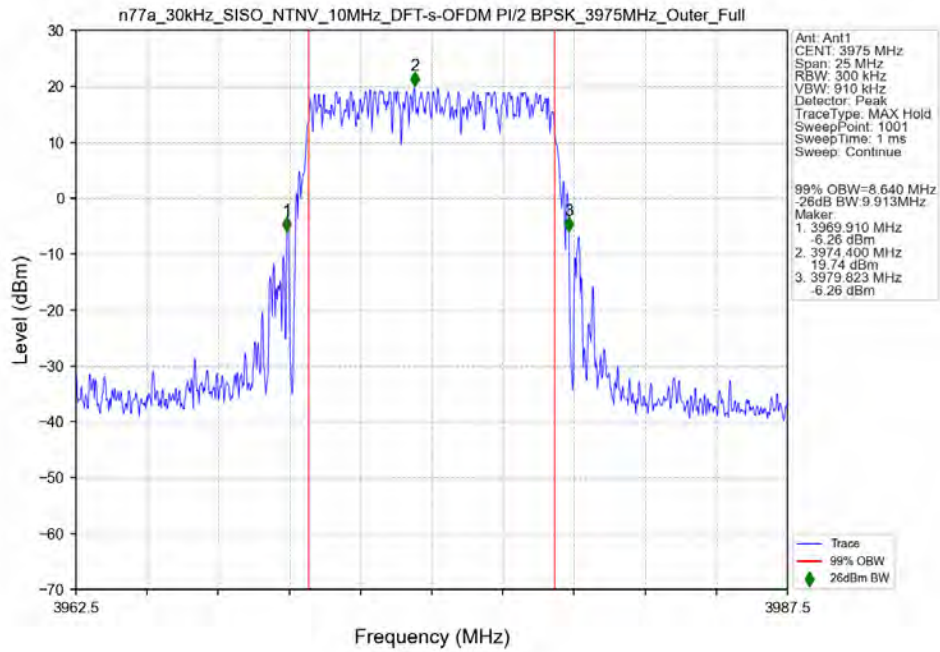
|                 |      |            |       |        |   |      |
|-----------------|------|------------|-------|--------|---|------|
| CP-OFDM 256 QAM | 3840 | Outer_Full | 98.62 | 104.33 | / | Pass |
|                 | 3930 | Outer_Full | 98.17 | 104.19 | / | Pass |
|                 | 3750 | Outer_Full | 98.28 | 104.49 | / | Pass |
|                 | 3840 | Outer_Full | 98.39 | 104.74 | / | Pass |
|                 | 3930 | Outer_Full | 98.30 | 104.37 | / | Pass |

3.2 Test Graph

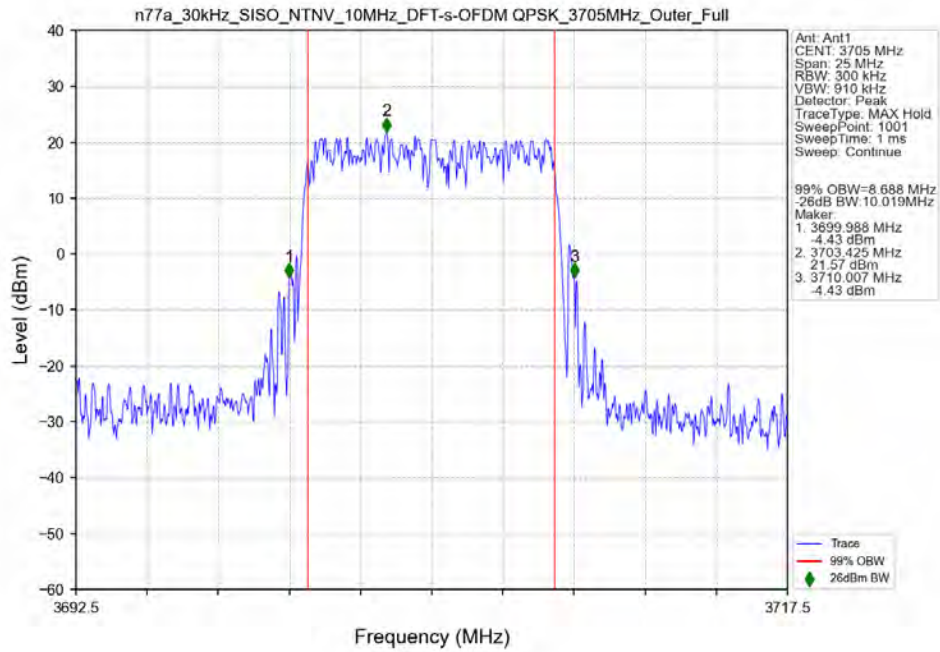
3.2.1 30k\_SISO\_10MHz\_NTNV



n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_PI/2\_BPSK\_3975MHz\_Outer\_Full\_Ant6

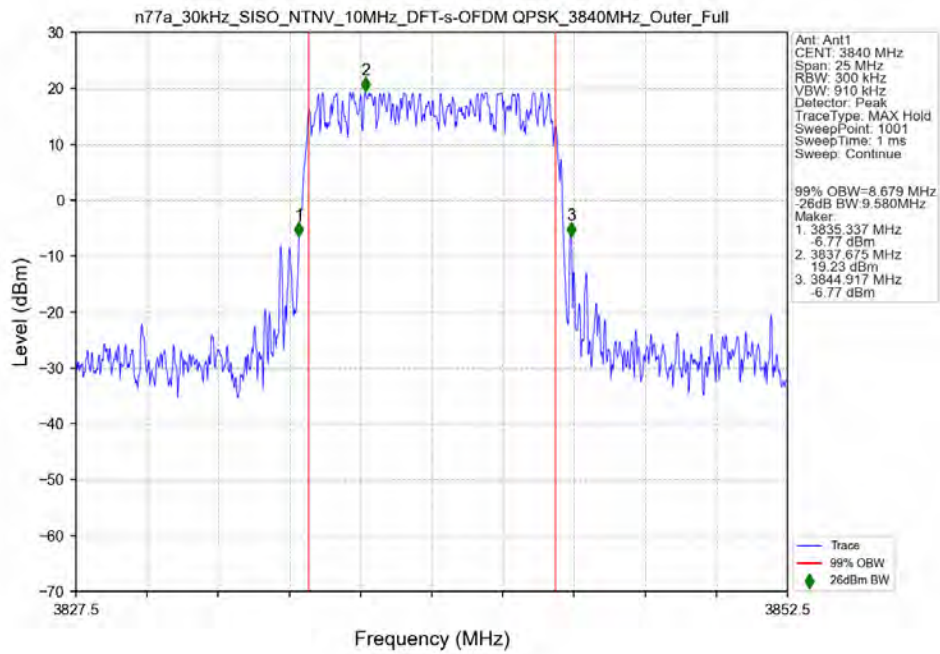


n77a\_30kHz\_SISO\_NTNV\_10MHz\_DFT-s-OFDM\_QPSK\_3705MHz\_Outer\_Full\_Ant6

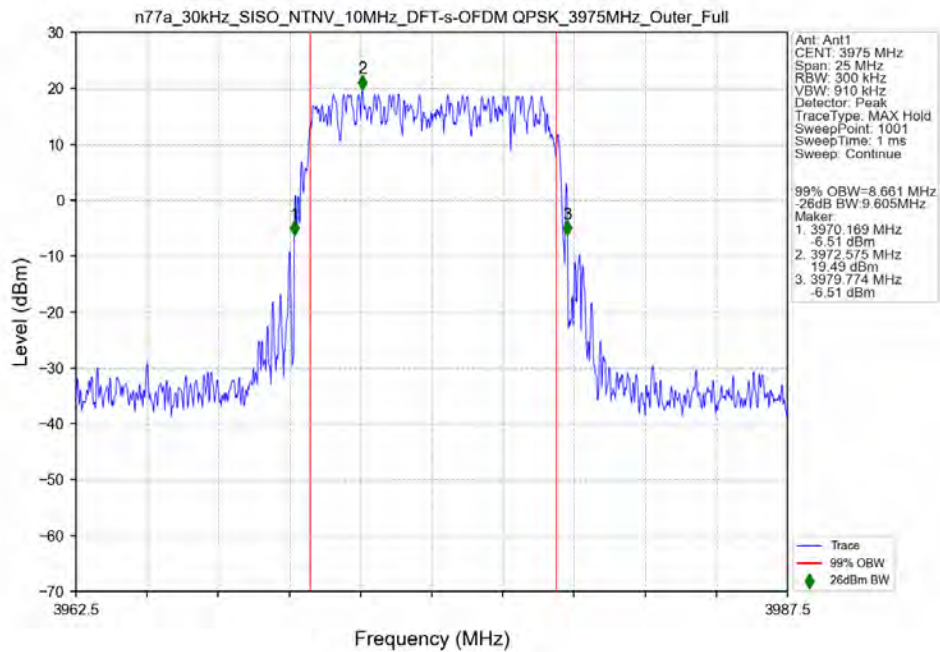




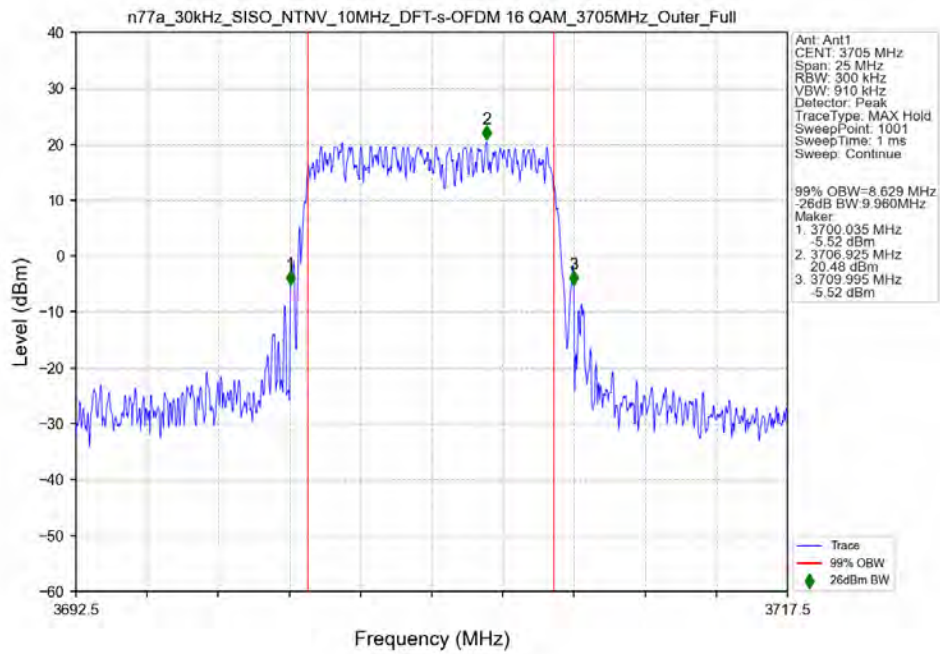
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3840MHz Outer Full Ant6



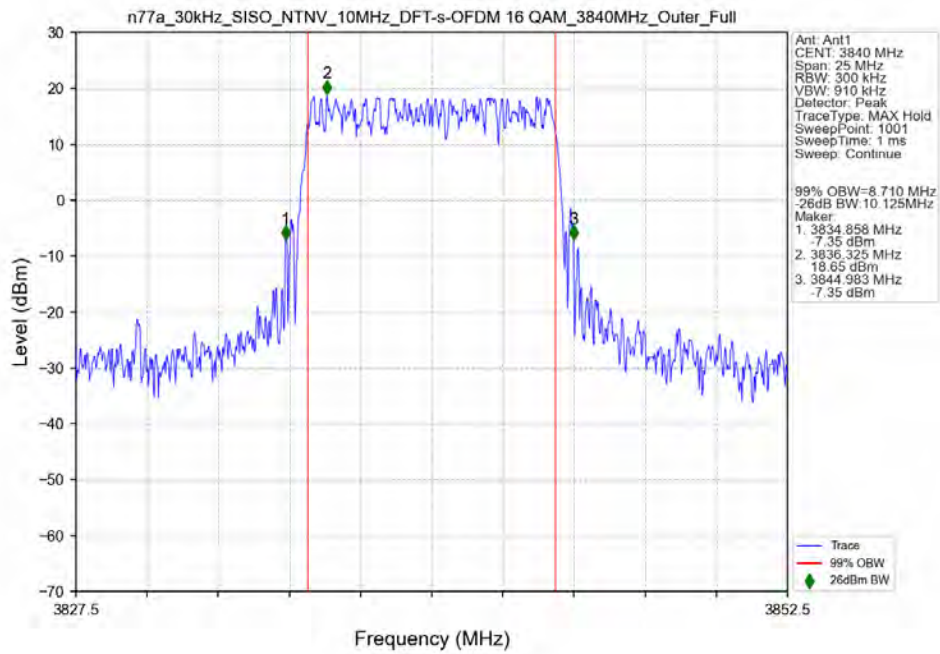
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM QPSK 3975MHz Outer Full Ant6



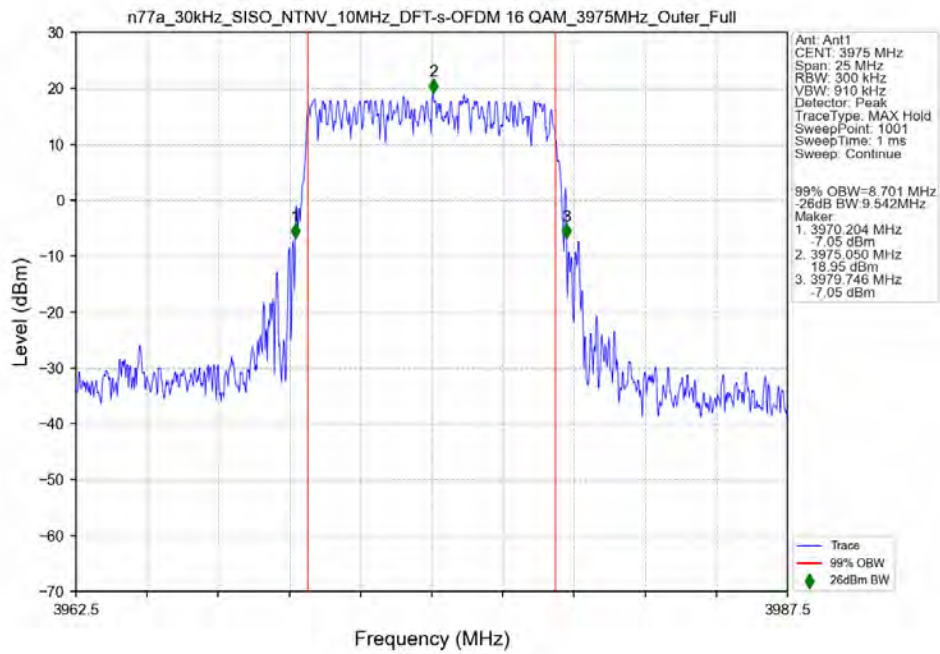
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3705MHz Outer Full Ant6



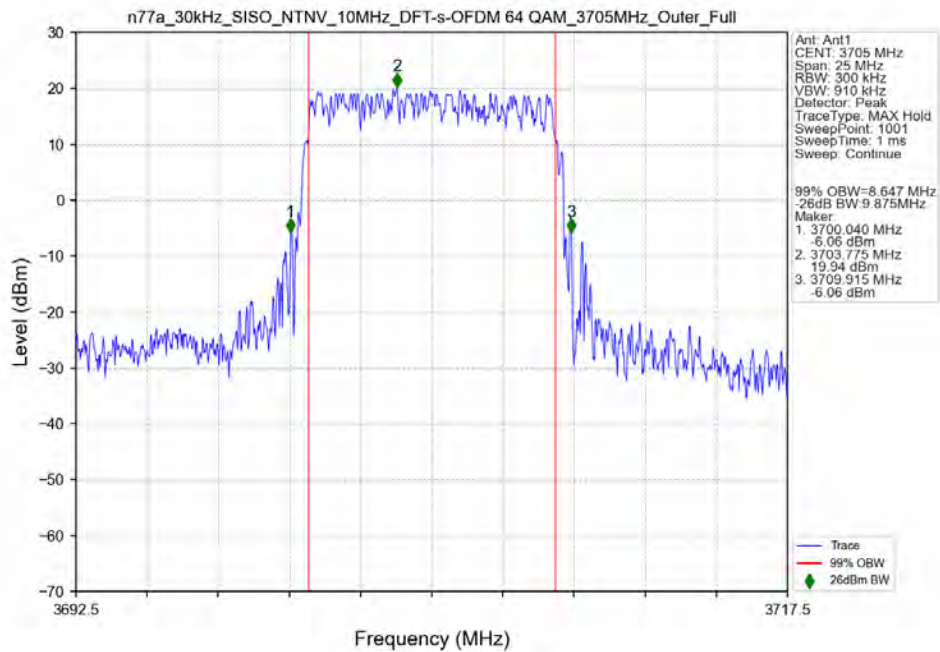
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3840MHz Outer Full Ant6



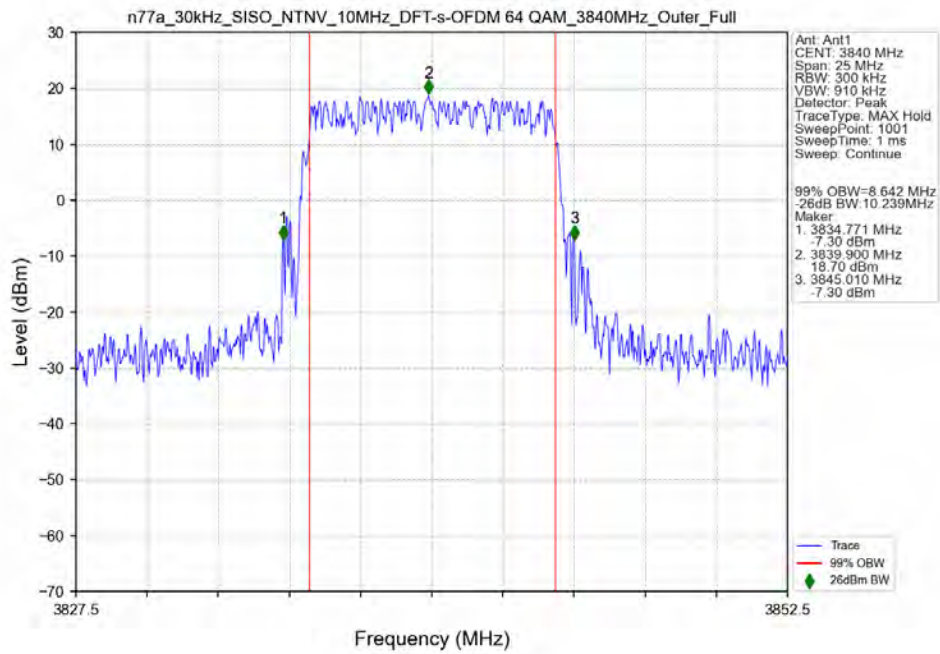
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 16 QAM 3975MHz Outer Full Ant6



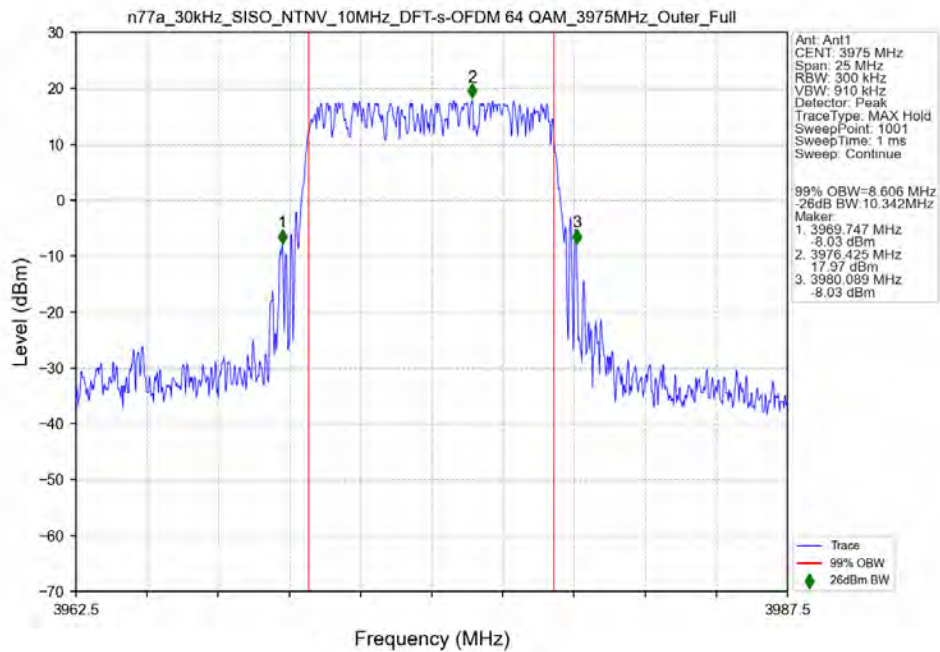
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3705MHz Outer Full Ant6



n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3840MHz Outer Full Ant6

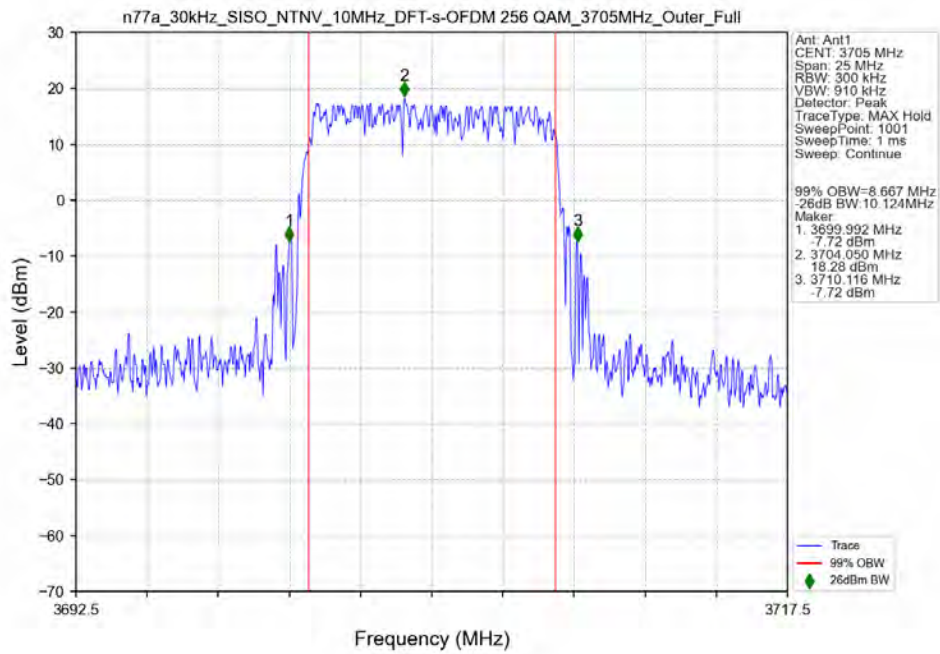


n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 64 QAM 3975MHz Outer Full Ant6

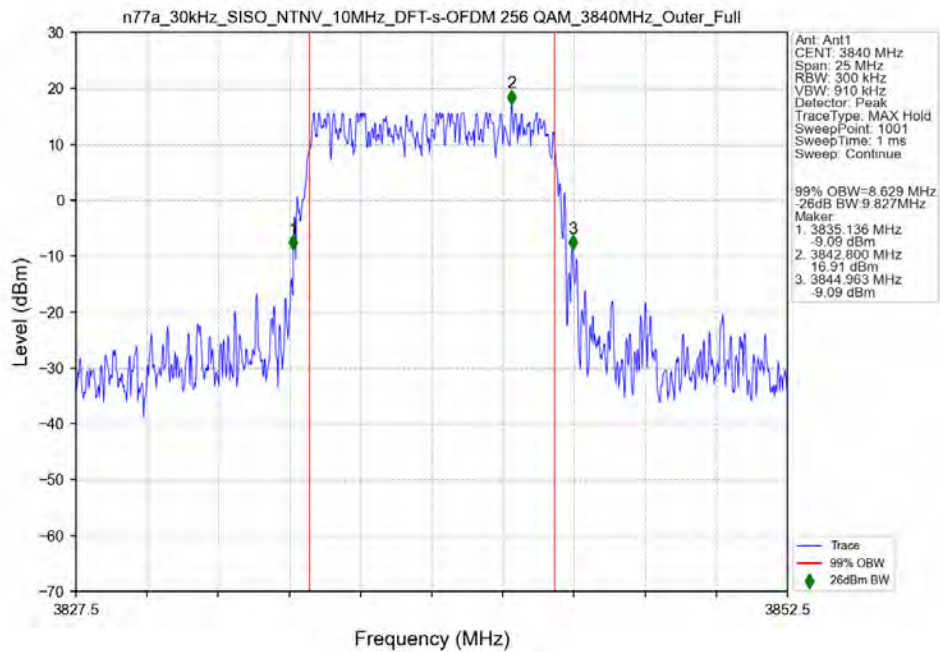




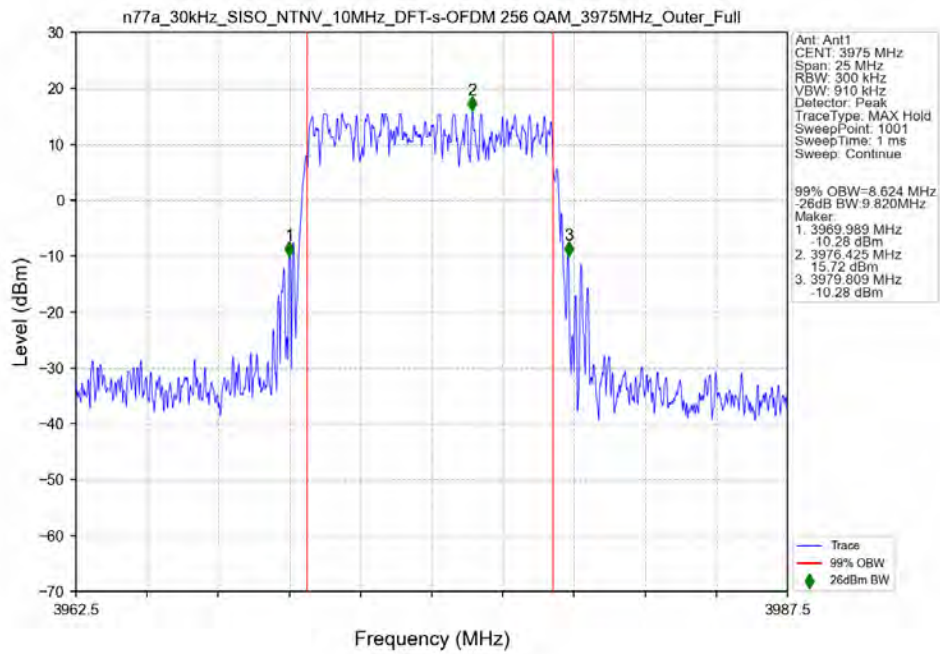
n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3705MHz Outer Full Ant6



n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3840MHz Outer Full Ant6



n77a 30kHz SISO NTN 10MHz DFT-s-OFDM 256 QAM 3975MHz Outer Full Ant6



n77a 30kHz SISO NTN 10MHz CP-OFDM QPSK 3705MHz Outer Full Ant6

