

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

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

| 5G NR n41 SCS=30kHz SISO 10MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 2592.99         | Edge_1RB_Left   | 22.08                | /    | /   | 20.98     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.08                | /    | /   | 20.98     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 22.06                | /    | /   | 20.96     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 22.58                | /    | /   | 21.48     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 22.55                | /    | /   | 21.45     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 22.58                | /    | /   | 21.48     | /    | /   | <=33  | Pass    |
|                                    | 2501.01         | Edge_1RB_Left   | 22.58                | /    | /   | 21.48     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.69                | /    | /   | 21.59     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 22.63                | /    | /   | 21.53     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 23.15                | /    | /   | 22.05     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.11                | /    | /   | 22.01     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 23.14                | /    | /   | 22.04     | /    | /   | <=33  | Pass    |
|                                    | 2685            | Edge_1RB_Left   | 22.50                | /    | /   | 21.40     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.55                | /    | /   | 21.45     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 22.50                | /    | /   | 21.40     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 23.01                | /    | /   | 21.91     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 22.97                | /    | /   | 21.87     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 23.05                | /    | /   | 21.95     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM QPSK                    | 2592.99         | Edge_1RB_Left   | 21.56                | /    | /   | 20.46     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 21.56                | /    | /   | 20.46     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 21.54                | /    | /   | 20.44     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 22.57                | /    | /   | 21.47     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 22.53                | /    | /   | 21.43     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 22.55                | /    | /   | 21.45     | /    | /   | <=33  | Pass    |
|                                    | 2501.01         | Edge_1RB_Left   | 22.13                | /    | /   | 21.03     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.13                | /    | /   | 21.03     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 22.12                | /    | /   | 21.02     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 23.11                | /    | /   | 22.01     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.02                | /    | /   | 21.92     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 23.23                | /    | /   | 22.13     | /    | /   | <=33  | Pass    |
|                                    | 2685            | Edge_1RB_Left   | 21.96                | /    | /   | 20.86     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 22.09                | /    | /   | 20.99     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 22.01                | /    | /   | 20.91     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 23.02                | /    | /   | 21.92     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 23.09                | /    | /   | 21.99     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 23.06                | /    | /   | 21.96     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM 16 QAM                  | 2592.99         | Edge_1RB_Left   | 20.60                | /    | /   | 19.50     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 20.74                | /    | /   | 19.64     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 20.61                | /    | /   | 19.51     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 21.59                | /    | /   | 20.49     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 21.69                | /    | /   | 20.59     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 21.70                | /    | /   | 20.60     | /    | /   | <=33  | Pass    |
|                                    | 2501.01         | Edge_1RB_Left   | 21.23                | /    | /   | 20.13     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge_1RB_Right  | 21.28                | /    | /   | 20.18     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer_Full      | 21.16                | /    | /   | 20.06     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_Full      | 22.19                | /    | /   | 21.09     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Left  | 22.22                | /    | /   | 21.12     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner_1RB_Right | 22.23                | /    | /   | 21.13     | /    | /   | <=33  | Pass    |
|                                    | 2685            | Edge_1RB_Left   | 21.07                | /    | /   | 19.97     | /    | /   | <=33  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Edge 1RB Right  | 21.10 | / | / | 20.00 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 21.04 | / | / | 19.94 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.98 | / | / | 20.88 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.97 | / | / | 20.87 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 22.15 | / | / | 21.05 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM  | 2592.99 | Edge 1RB Left   | 20.30 | / | / | 19.20 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.18 | / | / | 19.08 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.07 | / | / | 18.97 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.43 | / | / | 19.33 | / | / | <=33 | Pass |
|                    | 2501.01 | Inner 1RB Right | 20.42 | / | / | 19.32 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Left   | 21.06 | / | / | 19.96 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 21.00 | / | / | 19.90 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.69 | / | / | 19.59 | / | / | <=33 | Pass |
|                    | 2685    | Inner 1RB Left  | 21.02 | / | / | 19.92 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.79 | / | / | 19.69 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Left   | 20.60 | / | / | 19.50 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.80 | / | / | 19.70 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.71 | / | / | 19.61 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Inner Full      | 20.60 | / | / | 19.50 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.68 | / | / | 19.58 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.65 | / | / | 19.55 | / | / | <=33 | Pass |
|                    | 2501.01 | Edge 1RB Left   | 17.86 | / | / | 16.76 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.04 | / | / | 16.94 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.13 | / | / | 17.03 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 18.30 | / | / | 17.20 | / | / | <=33 | Pass |
|                    | 2685    | Inner 1RB Left  | 17.83 | / | / | 16.73 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.01 | / | / | 16.91 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Left   | 18.47 | / | / | 17.37 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.66 | / | / | 17.56 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.68 | / | / | 17.58 | / | / | <=33 | Pass |
| CP-OFDM QPSK       | 2592.99 | Inner Full      | 19.05 | / | / | 17.95 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 18.61 | / | / | 17.51 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.60 | / | / | 17.50 | / | / | <=33 | Pass |
|                    | 2501.01 | Edge 1RB Left   | 18.39 | / | / | 17.29 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.36 | / | / | 17.26 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.61 | / | / | 17.51 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 18.86 | / | / | 17.76 | / | / | <=33 | Pass |
|                    | 2685    | Inner 1RB Left  | 18.27 | / | / | 17.17 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.53 | / | / | 17.43 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Left   | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 19.49 | / | / | 18.39 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 19.50 | / | / | 18.40 | / | / | <=33 | Pass |
|                    | 2592.99 | Inner Full      | 20.92 | / | / | 19.82 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.84 | / | / | 19.74 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.00 | / | / | 19.90 | / | / | <=33 | Pass |
|                    | 2501.01 | Edge 1RB Left   | 19.98 | / | / | 18.88 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.31 | / | / | 19.21 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.12 | / | / | 19.02 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.53 | / | / | 20.43 | / | / | <=33 | Pass |
|                    | 2685    | Inner 1RB Left  | 21.49 | / | / | 20.39 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.45 | / | / | 20.35 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Left   | 19.86 | / | / | 18.76 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.00 | / | / | 18.90 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.05 | / | / | 18.95 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.39 | / | / | 20.29 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.31 | / | / | 20.21 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.58 | / | / | 20.48 | / | / | <=33 | Pass |



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

| 5G NR n41 SCS=30kHz SISO 15MHz NTNV |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 2592.99         | Edge_1RB_Left   | 22.03                | /    | /   | 20.93     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.04                | /    | /   | 20.94     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 22.10                | /    | /   | 21.00     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 22.65                | /    | /   | 21.55     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.50                | /    | /   | 21.40     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.51                | /    | /   | 21.41     | /    | /   | <=33  | Pass    |
|                                     | 2503.5          | Edge_1RB_Left   | 22.63                | /    | /   | 21.53     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.69                | /    | /   | 21.59     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 22.67                | /    | /   | 21.57     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 23.25                | /    | /   | 22.15     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.13                | /    | /   | 22.03     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.11                | /    | /   | 22.01     | /    | /   | <=33  | Pass    |
|                                     | 2682.48         | Edge_1RB_Left   | 22.51                | /    | /   | 21.41     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.62                | /    | /   | 21.52     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 22.63                | /    | /   | 21.53     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 23.25                | /    | /   | 22.15     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.04                | /    | /   | 21.94     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.10                | /    | /   | 22.00     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM QPSK                     | 2592.99         | Edge_1RB_Left   | 21.62                | /    | /   | 20.52     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.58                | /    | /   | 20.48     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 21.62                | /    | /   | 20.52     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 22.62                | /    | /   | 21.52     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.55                | /    | /   | 21.45     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.52                | /    | /   | 21.42     | /    | /   | <=33  | Pass    |
|                                     | 2503.5          | Edge_1RB_Left   | 22.16                | /    | /   | 21.06     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.17                | /    | /   | 21.07     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 22.20                | /    | /   | 21.10     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 23.23                | /    | /   | 22.13     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.07                | /    | /   | 21.97     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.21                | /    | /   | 22.11     | /    | /   | <=33  | Pass    |
|                                     | 2682.48         | Edge_1RB_Left   | 22.09                | /    | /   | 20.99     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 22.19                | /    | /   | 21.09     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 22.18                | /    | /   | 21.08     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 23.22                | /    | /   | 22.12     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.99                | /    | /   | 21.89     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.26                | /    | /   | 22.16     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM 16 QAM                   | 2592.99         | Edge_1RB_Left   | 20.68                | /    | /   | 19.58     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 20.66                | /    | /   | 19.56     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 20.57                | /    | /   | 19.47     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 21.67                | /    | /   | 20.57     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 21.64                | /    | /   | 20.54     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 21.64                | /    | /   | 20.54     | /    | /   | <=33  | Pass    |
|                                     | 2503.5          | Edge_1RB_Left   | 21.30                | /    | /   | 20.20     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.28                | /    | /   | 20.18     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 21.21                | /    | /   | 20.11     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 22.28                | /    | /   | 21.18     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.46                | /    | /   | 21.36     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.21                | /    | /   | 21.11     | /    | /   | <=33  | Pass    |
|                                     | 2682.48         | Edge_1RB_Left   | 21.16                | /    | /   | 20.06     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.26                | /    | /   | 20.16     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer_Full      | 21.17                | /    | /   | 20.07     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_Full      | 22.27                | /    | /   | 21.17     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Left  | 22.13                | /    | /   | 21.03     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner_1RB_Right | 22.20                | /    | /   | 21.10     | /    | /   | <=33  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 64 QAM  | 2592.99 | Edge 1RB Left   | 20.35 | / | / | 19.25 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.31 | / | / | 19.21 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.09 | / | / | 18.99 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.29 | / | / | 19.19 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.32 | / | / | 19.22 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                    | 2503.5  | Edge 1RB Left   | 21.07 | / | / | 19.97 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.94 | / | / | 19.84 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.70 | / | / | 19.60 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.93 | / | / | 19.83 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.98 | / | / | 19.88 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                    | 2682.48 | Edge 1RB Left   | 20.99 | / | / | 19.89 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.89 | / | / | 19.79 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.74 | / | / | 19.64 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.89 | / | / | 19.79 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.95 | / | / | 19.85 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.01 | / | / | 19.91 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Edge 1RB Left   | 18.02 | / | / | 16.92 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 17.95 | / | / | 16.85 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.13 | / | / | 17.03 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 18.28 | / | / | 17.18 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 18.01 | / | / | 16.91 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.01 | / | / | 16.91 | / | / | <=33 | Pass |
|                    | 2503.5  | Edge 1RB Left   | 18.74 | / | / | 17.64 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.62 | / | / | 17.52 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.77 | / | / | 17.67 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 18.84 | / | / | 17.74 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 18.62 | / | / | 17.52 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.59 | / | / | 17.49 | / | / | <=33 | Pass |
|                    | 2682.48 | Edge 1RB Left   | 18.44 | / | / | 17.34 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.56 | / | / | 17.46 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 18.81 | / | / | 17.71 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 18.82 | / | / | 17.72 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 18.56 | / | / | 17.46 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.68 | / | / | 17.58 | / | / | <=33 | Pass |
| CP-OFDM QPSK       | 2592.99 | Edge 1RB Left   | 19.40 | / | / | 18.30 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 19.60 | / | / | 18.50 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.14 | / | / | 20.04 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.87 | / | / | 19.77 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.11 | / | / | 20.01 | / | / | <=33 | Pass |
|                    | 2503.5  | Edge 1RB Left   | 19.99 | / | / | 18.89 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.05 | / | / | 18.95 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.24 | / | / | 19.14 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.73 | / | / | 20.63 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.42 | / | / | 20.32 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.54 | / | / | 20.44 | / | / | <=33 | Pass |
|                    | 2682.48 | Edge 1RB Left   | 19.93 | / | / | 18.83 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.10 | / | / | 19.00 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 20.13 | / | / | 19.03 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 21.70 | / | / | 20.60 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.52 | / | / | 20.42 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.52 | / | / | 20.42 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM     | 2592.99 | Edge 1RB Left   | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                    |         | Edge 1RB Right  | 19.63 | / | / | 18.53 | / | / | <=33 | Pass |
|                    |         | Outer Full      | 19.64 | / | / | 18.54 | / | / | <=33 | Pass |
|                    |         | Inner Full      | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.59 | / | / | 19.49 | / | / | <=33 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  | 2503.5  | Inner 1RB Right | 20.58 | / | / | 19.48 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.24 | / | / | 19.14 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 20.23 | / | / | 19.13 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 21.25 | / | / | 20.15 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 21.25 | / | / | 20.15 | / | / | <=33 | Pass |
|                                                                                  | 2682.48 | Inner 1RB Right | 21.17 | / | / | 20.07 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.21 | / | / | 19.11 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.32 | / | / | 19.22 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 20.24 | / | / | 19.14 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 21.15 | / | / | 20.05 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 21.16 | / | / | 20.06 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM                                                                   | 2592.99 | Inner 1RB Right | 21.33 | / | / | 20.23 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.33 | / | / | 18.23 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.31 | / | / | 18.21 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 19.19 | / | / | 18.09 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 19.14 | / | / | 18.04 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.33 | / | / | 18.23 | / | / | <=33 | Pass |
|                                                                                  | 2503.5  | Inner 1RB Right | 19.40 | / | / | 18.30 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.04 | / | / | 18.94 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.70 | / | / | 18.60 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 19.82 | / | / | 18.72 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 19.78 | / | / | 18.68 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.90 | / | / | 18.80 | / | / | <=33 | Pass |
|                                                                                  | 2682.48 | Inner 1RB Right | 19.71 | / | / | 18.61 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.78 | / | / | 18.68 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.85 | / | / | 18.75 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 19.67 | / | / | 18.57 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 19.78 | / | / | 18.68 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.79 | / | / | 18.69 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                                                                  | 2592.99 | Inner 1RB Right | 19.83 | / | / | 18.73 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 16.26 | / | / | 15.16 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.20 | / | / | 15.10 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.24 | / | / | 15.14 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.31 | / | / | 15.21 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.26 | / | / | 15.16 | / | / | <=33 | Pass |
|                                                                                  | 2503.5  | Inner 1RB Right | 16.30 | / | / | 15.20 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 16.91 | / | / | 15.81 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.90 | / | / | 15.80 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.87 | / | / | 15.77 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.95 | / | / | 15.85 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.78 | / | / | 15.68 | / | / | <=33 | Pass |
|                                                                                  | 2682.48 | Inner 1RB Right | 16.90 | / | / | 15.80 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 16.73 | / | / | 15.63 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.85 | / | / | 15.75 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.79 | / | / | 15.69 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.92 | / | / | 15.82 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.73 | / | / | 15.63 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.88 | / | / | 15.78 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

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

| 5G NR n41 SCS=30kHz SISO 20MHz NTNv |                 |               |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|---------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |               | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2                     | 2592.99         | Edge 1RB Left | 22.06                | /    | /   | 20.96     | /    | /   | <=33  | Pass    |

|                   |                 |                 |                 |       |       |       |       |      |      |      |      |
|-------------------|-----------------|-----------------|-----------------|-------|-------|-------|-------|------|------|------|------|
| BPSK              |                 | Edge_1RB_Right  | 22.06           | /     | /     | 20.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 22.09           | /     | /     | 20.99 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 22.65           | /     | /     | 21.55 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Left  | 22.56           | /     | /     | 21.46 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 22.54           | /     | /     | 21.44 | /     | /    | <=33 | Pass |      |
|                   | 2506.02         | Edge_1RB_Left   | 22.48           | /     | /     | 21.38 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 22.50           | /     | /     | 21.40 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 22.58           | /     | /     | 21.48 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 23.16           | /     | /     | 22.06 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Left  | 22.92           | /     | /     | 21.82 | /     | /    | <=33 | Pass |      |
|                   | 2679.99         | Inner_1RB_Right | 22.94           | /     | /     | 21.84 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 22.42           | /     | /     | 21.32 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 22.64           | /     | /     | 21.54 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 22.66           | /     | /     | 21.56 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 23.20           | /     | /     | 22.10 | /     | /    | <=33 | Pass |      |
|                   | DFT-s-OFDM QPSK | 2592.99         | Inner_1RB_Left  | 22.92 | /     | /     | 21.82 | /    | /    | <=33 | Pass |
|                   |                 |                 | Inner_1RB_Right | 23.12 | /     | /     | 22.02 | /    | /    | <=33 | Pass |
|                   |                 |                 | Edge_1RB_Left   | 21.60 | /     | /     | 20.50 | /    | /    | <=33 | Pass |
| Edge_1RB_Right    |                 |                 | 21.60           | /     | /     | 20.50 | /     | /    | <=33 | Pass |      |
| Outer_Full        |                 |                 | 21.60           | /     | /     | 20.50 | /     | /    | <=33 | Pass |      |
| Inner_Full        |                 |                 | 22.68           | /     | /     | 21.58 | /     | /    | <=33 | Pass |      |
| 2506.02           |                 | Inner_1RB_Left  | 22.57           | /     | /     | 21.47 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 22.51           | /     | /     | 21.41 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 22.00           | /     | /     | 20.90 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 22.02           | /     | /     | 20.92 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 22.06           | /     | /     | 20.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 23.16           | /     | /     | 22.06 | /     | /    | <=33 | Pass |      |
| 2679.99           |                 | Inner_1RB_Left  | 22.96           | /     | /     | 21.86 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 23.06           | /     | /     | 21.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 21.95           | /     | /     | 20.85 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 22.19           | /     | /     | 21.09 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 22.13           | /     | /     | 21.03 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 23.20           | /     | /     | 22.10 | /     | /    | <=33 | Pass |      |
| DFT-s-OFDM 16 QAM | 2592.99         | Inner_1RB_Left  | 22.97           | /     | /     | 21.87 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 23.20           | /     | /     | 22.10 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 20.67           | /     | /     | 19.57 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 20.62           | /     | /     | 19.52 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 20.65           | /     | /     | 19.55 | /     | /    | <=33 | Pass |      |
|                   | 2506.02         | Inner_Full      | 21.68           | /     | /     | 20.58 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Left  | 21.66           | /     | /     | 20.56 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 21.58           | /     | /     | 20.48 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 21.07           | /     | /     | 19.97 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 21.07           | /     | /     | 19.97 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 21.06           | /     | /     | 19.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 22.21           | /     | /     | 21.11 | /     | /    | <=33 | Pass |      |
|                   | 2679.99         | Inner_1RB_Left  | 22.06           | /     | /     | 20.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_1RB_Right | 22.02           | /     | /     | 20.92 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 21.06           | /     | /     | 19.96 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 21.27           | /     | /     | 20.17 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 21.17           | /     | /     | 20.07 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 22.22           | /     | /     | 21.12 | /     | /    | <=33 | Pass |      |
| Inner_1RB_Left    |                 | 22.21           | /               | /     | 21.11 | /     | /     | <=33 | Pass |      |      |
| DFT-s-OFDM 64 QAM | 2592.99         | Inner_1RB_Right | 22.38           | /     | /     | 21.28 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Left   | 20.58           | /     | /     | 19.48 | /     | /    | <=33 | Pass |      |
|                   |                 | Edge_1RB_Right  | 20.45           | /     | /     | 19.35 | /     | /    | <=33 | Pass |      |
|                   |                 | Outer_Full      | 20.12           | /     | /     | 19.02 | /     | /    | <=33 | Pass |      |
|                   |                 | Inner_Full      | 20.11           | /     | /     | 19.01 | /     | /    | <=33 | Pass |      |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 2506.02 | Edge_1RB_Left   | 20.86 | / | / | 19.76 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.85 | / | / | 19.75 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.58 | / | / | 19.48 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.66 | / | / | 19.56 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.94 | / | / | 19.84 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.64 | / | / | 19.54 | / | / | <=33 | Pass |
|                    | 2679.99 | Edge_1RB_Left   | 20.67 | / | / | 19.57 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.79 | / | / | 19.69 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.64 | / | / | 19.54 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.73 | / | / | 19.63 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.58 | / | / | 19.48 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.80 | / | / | 19.70 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Edge_1RB_Left   | 17.91 | / | / | 16.81 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 17.84 | / | / | 16.74 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.12 | / | / | 17.02 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.21 | / | / | 17.11 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 17.89 | / | / | 16.79 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.00 | / | / | 16.90 | / | / | <=33 | Pass |
|                    | 2506.02 | Edge_1RB_Left   | 18.43 | / | / | 17.33 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.51 | / | / | 17.41 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.60 | / | / | 17.50 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.68 | / | / | 17.58 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.41 | / | / | 17.31 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.52 | / | / | 17.42 | / | / | <=33 | Pass |
|                    | 2679.99 | Edge_1RB_Left   | 18.48 | / | / | 17.38 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.61 | / | / | 17.51 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.70 | / | / | 17.60 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.82 | / | / | 17.72 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.42 | / | / | 17.32 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.68 | / | / | 17.58 | / | / | <=33 | Pass |
| CP-OFDM QPSK       | 2592.99 | Edge_1RB_Left   | 19.43 | / | / | 18.33 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.43 | / | / | 18.33 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.63 | / | / | 18.53 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.22 | / | / | 20.12 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.91 | / | / | 19.81 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.99 | / | / | 19.89 | / | / | <=33 | Pass |
|                    | 2506.02 | Edge_1RB_Left   | 19.78 | / | / | 18.68 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.98 | / | / | 18.88 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.10 | / | / | 19.00 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.56 | / | / | 20.46 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.29 | / | / | 20.19 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.40 | / | / | 20.30 | / | / | <=33 | Pass |
|                    | 2679.99 | Edge_1RB_Left   | 19.84 | / | / | 18.74 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.10 | / | / | 19.00 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.13 | / | / | 19.03 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.68 | / | / | 20.58 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.27 | / | / | 20.17 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.54 | / | / | 20.44 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM     | 2592.99 | Edge_1RB_Left   | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.63 | / | / | 18.53 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.70 | / | / | 18.60 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.66 | / | / | 19.56 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.62 | / | / | 19.52 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.56 | / | / | 19.46 | / | / | <=33 | Pass |
|                    | 2506.02 | Edge_1RB_Left   | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.23 | / | / | 19.13 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.11 | / | / | 19.01 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.15 | / | / | 20.05 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.00 | / | / | 19.90 | / | / | <=33 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  | 2679.99 | Inner 1RB Right | 21.13 | / | / | 20.03 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 20.03 | / | / | 18.93 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 20.32 | / | / | 19.22 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 20.19 | / | / | 19.09 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 21.24 | / | / | 20.14 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 21.03 | / | / | 19.93 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 21.23 | / | / | 20.13 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM                                                                   | 2592.99 | Edge 1RB Left   | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.36 | / | / | 18.26 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 19.17 | / | / | 18.07 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 19.23 | / | / | 18.13 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.30 | / | / | 18.20 | / | / | <=33 | Pass |
|                                                                                  | 2506.02 | Edge 1RB Left   | 19.80 | / | / | 18.70 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.76 | / | / | 18.66 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 19.65 | / | / | 18.55 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 19.71 | / | / | 18.61 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.86 | / | / | 18.76 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.80 | / | / | 18.70 | / | / | <=33 | Pass |
|                                                                                  | 2679.99 | Edge 1RB Left   | 19.58 | / | / | 18.48 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.91 | / | / | 18.81 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 19.74 | / | / | 18.64 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 19.80 | / | / | 18.70 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.76 | / | / | 18.66 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.86 | / | / | 18.76 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                                                                  | 2592.99 | Edge 1RB Left   | 16.26 | / | / | 15.16 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.22 | / | / | 15.12 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.28 | / | / | 15.18 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.28 | / | / | 15.18 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.24 | / | / | 15.14 | / | / | <=33 | Pass |
|                                                                                  | 2506.02 | Edge 1RB Left   | 16.59 | / | / | 15.49 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.59 | / | / | 15.49 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.63 | / | / | 15.53 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.75 | / | / | 15.65 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.59 | / | / | 15.49 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.72 | / | / | 15.62 | / | / | <=33 | Pass |
|                                                                                  | 2679.99 | Edge 1RB Left   | 16.60 | / | / | 15.50 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.70 | / | / | 15.60 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.71 | / | / | 15.61 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.81 | / | / | 15.71 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.50 | / | / | 15.40 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.86 | / | / | 15.76 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

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

| 5G NR n41 SCS=30kHz SISO 25MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 2592.99         | Edge 1RB Left   | 22.09                | /    | /   | 20.99     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.20                | /    | /   | 21.10     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer Full      | 22.24                | /    | /   | 21.14     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner Full      | 22.69                | /    | /   | 21.59     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.68                | /    | /   | 21.58     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Right | 22.61                | /    | /   | 21.51     | /    | /   | <=33  | Pass    |
|                                     | 2508.51         | Edge 1RB Left   | 22.70                | /    | /   | 21.60     | /    | /   | <=33  | Pass    |

|                   |                |                 |       |   |       |       |   |      |      |      |
|-------------------|----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|                   |                | Edge_1RB_Right  | 22.56 | / | /     | 21.46 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 22.74 | / | /     | 21.64 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 23.23 | / | /     | 22.13 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 23.17 | / | /     | 22.07 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 23.04 | / | /     | 21.94 | / | /    | <=33 | Pass |
|                   | 2677.5         | Edge_1RB_Left   | 22.36 | / | /     | 21.26 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 22.72 | / | /     | 21.62 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 22.64 | / | /     | 21.54 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 23.10 | / | /     | 22.00 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 22.84 | / | /     | 21.74 | / | /    | <=33 | Pass |
| DFT-s-OFDM QPSK   | 2592.99        | Inner_1RB_Right | 23.20 | / | /     | 22.10 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 21.71 | / | /     | 20.61 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 21.70 | / | /     | 20.60 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 21.75 | / | /     | 20.65 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 22.70 | / | /     | 21.60 | / | /    | <=33 | Pass |
|                   | 2508.51        | Inner_1RB_Left  | 22.59 | / | /     | 21.49 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 22.61 | / | /     | 21.51 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 22.22 | / | /     | 21.12 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 22.14 | / | /     | 21.04 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 22.24 | / | /     | 21.14 | / | /    | <=33 | Pass |
|                   | 2677.5         | Inner_Full      | 23.23 | / | /     | 22.13 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 23.28 | / | /     | 22.18 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 23.26 | / | /     | 22.16 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 21.90 | / | /     | 20.80 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 22.27 | / | /     | 21.17 | / | /    | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2592.99        | Outer_Full      | 22.14 | / | /     | 21.04 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 23.13 | / | /     | 22.03 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 23.00 | / | /     | 21.90 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 23.25 | / | /     | 22.15 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 20.74 | / | /     | 19.64 | / | /    | <=33 | Pass |
|                   | 2508.51        | Edge_1RB_Right  | 20.70 | / | /     | 19.60 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 20.74 | / | /     | 19.64 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 21.70 | / | /     | 20.60 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 21.72 | / | /     | 20.62 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 21.66 | / | /     | 20.56 | / | /    | <=33 | Pass |
|                   | 2677.5         | Edge_1RB_Left   | 21.33 | / | /     | 20.23 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 21.18 | / | /     | 20.08 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 21.24 | / | /     | 20.14 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 22.22 | / | /     | 21.12 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 22.24 | / | /     | 21.14 | / | /    | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2592.99        | Inner_1RB_Right | 22.08 | / | /     | 20.98 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 20.94 | / | /     | 19.84 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 21.30 | / | /     | 20.20 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 21.13 | / | /     | 20.03 | / | /    | <=33 | Pass |
|                   |                | Inner_Full      | 22.12 | / | /     | 21.02 | / | /    | <=33 | Pass |
|                   | 2508.51        | Inner_1RB_Left  | 21.93 | / | /     | 20.83 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 22.39 | / | /     | 21.29 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Left   | 20.56 | / | /     | 19.46 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 20.49 | / | /     | 19.39 | / | /    | <=33 | Pass |
|                   |                | Outer_Full      | 20.28 | / | /     | 19.18 | / | /    | <=33 | Pass |
|                   | 2592.99        | Inner_Full      | 20.38 | / | /     | 19.28 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Left  | 20.49 | / | /     | 19.39 | / | /    | <=33 | Pass |
|                   |                | Inner_1RB_Right | 20.39 | / | /     | 19.29 | / | /    | <=33 | Pass |
|                   | 2508.51        | Edge_1RB_Left   | 21.10 | / | /     | 20.00 | / | /    | <=33 | Pass |
|                   |                | Edge_1RB_Right  | 20.98 | / | /     | 19.88 | / | /    | <=33 | Pass |
|                   | Outer_Full     | 20.78           | /     | / | 19.68 | /     | / | <=33 | Pass |      |
|                   | Inner_Full     | 20.88           | /     | / | 19.78 | /     | / | <=33 | Pass |      |
|                   | Inner_1RB_Left | 21.20           | /     | / | 20.10 | /     | / | <=33 | Pass |      |
|                   |                | Inner_1RB_Right | 20.77 | / | /     | 19.67 | / | /    | <=33 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    | 2677.5  | Edge_1RB_Left   | 20.58 | / | / | 19.48 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 21.04 | / | / | 19.94 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.68 | / | / | 19.58 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.75 | / | / | 19.65 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.58 | / | / | 19.48 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.81 | / | / | 19.71 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Edge_1RB_Left   | 18.17 | / | / | 17.07 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 17.92 | / | / | 16.82 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.29 | / | / | 17.19 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.23 | / | / | 17.13 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 17.90 | / | / | 16.80 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.08 | / | / | 16.98 | / | / | <=33 | Pass |
|                    | 2508.51 | Edge_1RB_Left   | 18.49 | / | / | 17.39 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.58 | / | / | 17.48 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.81 | / | / | 17.71 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.78 | / | / | 17.68 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.65 | / | / | 17.55 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.59 | / | / | 17.49 | / | / | <=33 | Pass |
|                    | 2677.5  | Edge_1RB_Left   | 18.17 | / | / | 17.07 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.55 | / | / | 17.45 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.68 | / | / | 17.58 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.69 | / | / | 17.59 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.17 | / | / | 17.07 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.70 | / | / | 17.60 | / | / | <=33 | Pass |
| CP-OFDM QPSK       | 2592.99 | Edge_1RB_Left   | 19.53 | / | / | 18.43 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.53 | / | / | 18.43 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.73 | / | / | 18.63 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.12 | / | / | 20.02 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.01 | / | / | 19.91 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.10 | / | / | 20.00 | / | / | <=33 | Pass |
|                    | 2508.51 | Edge_1RB_Left   | 20.08 | / | / | 18.98 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.21 | / | / | 19.11 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.24 | / | / | 19.14 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.73 | / | / | 20.63 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.68 | / | / | 20.58 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.54 | / | / | 20.44 | / | / | <=33 | Pass |
|                    | 2677.5  | Edge_1RB_Left   | 19.92 | / | / | 18.82 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.12 | / | / | 19.02 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.56 | / | / | 20.46 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.37 | / | / | 20.27 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.77 | / | / | 20.67 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM     | 2592.99 | Edge_1RB_Left   | 19.80 | / | / | 18.70 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.84 | / | / | 18.74 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.72 | / | / | 18.62 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.71 | / | / | 19.61 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.65 | / | / | 19.55 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.57 | / | / | 19.47 | / | / | <=33 | Pass |
|                    | 2508.51 | Edge_1RB_Left   | 20.35 | / | / | 19.25 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.30 | / | / | 19.20 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.23 | / | / | 20.13 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.15 | / | / | 20.05 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.04 | / | / | 19.94 | / | / | <=33 | Pass |
|                    | 2677.5  | Edge_1RB_Left   | 20.04 | / | / | 18.94 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.38 | / | / | 19.28 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.12 | / | / | 20.02 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.81 | / | / | 19.71 | / | / | <=33 | Pass |

|                                          |         |                 |       |   |   |       |   |   |      |      |
|------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM                           | 2592.99 | Inner 1RB Right | 21.23 | / | / | 20.13 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 19.58 | / | / | 18.48 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 19.30 | / | / | 18.20 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 19.26 | / | / | 18.16 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 19.28 | / | / | 18.18 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 19.57 | / | / | 18.47 | / | / | <=33 | Pass |
|                                          | 2508.51 | Inner 1RB Right | 19.34 | / | / | 18.24 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 19.92 | / | / | 18.82 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 19.85 | / | / | 18.75 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 19.82 | / | / | 18.72 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 19.96 | / | / | 18.86 | / | / | <=33 | Pass |
|                                          | 2677.5  | Inner 1RB Right | 19.87 | / | / | 18.77 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 19.58 | / | / | 18.48 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 19.97 | / | / | 18.87 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 19.68 | / | / | 18.58 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 19.68 | / | / | 18.58 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                          | 2592.99 | Inner 1RB Right | 19.79 | / | / | 18.69 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 16.39 | / | / | 15.29 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 16.42 | / | / | 15.32 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.35 | / | / | 15.25 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.34 | / | / | 15.24 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.28 | / | / | 15.18 | / | / | <=33 | Pass |
|                                          | 2508.51 | Inner 1RB Right | 16.32 | / | / | 15.22 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 16.96 | / | / | 15.86 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 16.82 | / | / | 15.72 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.86 | / | / | 15.76 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.88 | / | / | 15.78 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.90 | / | / | 15.80 | / | / | <=33 | Pass |
|                                          | 2677.5  | Inner 1RB Right | 16.79 | / | / | 15.69 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 16.59 | / | / | 15.49 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 16.90 | / | / | 15.80 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.74 | / | / | 15.64 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.75 | / | / | 15.65 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.53 | / | / | 15.43 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Right | 16.86 | / | / | 15.76 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;     |         |                 |       |   |   |       |   |   |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

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

| 5G NR n41 SCS=30kHz SISO 30MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 2592.99         | Edge 1RB Left   | 22.15                | /    | /   | 21.05     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.09                | /    | /   | 20.99     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.22                | /    | /   | 21.12     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 22.71                | /    | /   | 21.61     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.65                | /    | /   | 21.55     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.62                | /    | /   | 21.52     | /    | /   | <=33  | Pass    |
|                                    | 2511            | Edge 1RB Left   | 22.78                | /    | /   | 21.68     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.59                | /    | /   | 21.49     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.76                | /    | /   | 21.66     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.29                | /    | /   | 22.19     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 23.21                | /    | /   | 22.11     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 23.05                | /    | /   | 21.95     | /    | /   | <=33  | Pass    |
|                                    | 2674.98         | Edge 1RB Left   | 22.52                | /    | /   | 21.42     | /    | /   | <=33  | Pass    |

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |         | Edge 1RB Right  | 22.79 | / | / | 21.69 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 22.69 | / | / | 21.59 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 23.22 | / | / | 22.12 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 23.01 | / | / | 21.91 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 23.25 | / | / | 22.15 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK   | 2592.99 | Edge 1RB Left   | 21.63 | / | / | 20.53 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 21.64 | / | / | 20.54 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 21.71 | / | / | 20.61 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 22.68 | / | / | 21.58 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 22.63 | / | / | 21.53 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 22.62 | / | / | 21.52 | / | / | <=33 | Pass |
|                   | 2511    | Edge 1RB Left   | 22.33 | / | / | 21.23 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 22.16 | / | / | 21.06 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 22.26 | / | / | 21.16 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 23.27 | / | / | 22.17 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 23.31 | / | / | 22.21 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 23.28 | / | / | 22.18 | / | / | <=33 | Pass |
|                   | 2674.98 | Edge 1RB Left   | 22.04 | / | / | 20.94 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 22.31 | / | / | 21.21 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 22.19 | / | / | 21.09 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 23.24 | / | / | 22.14 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 22.99 | / | / | 21.89 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 23.28 | / | / | 22.18 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Edge 1RB Left   | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 20.71 | / | / | 19.61 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 20.70 | / | / | 19.60 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 21.71 | / | / | 20.61 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 21.72 | / | / | 20.62 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 21.70 | / | / | 20.60 | / | / | <=33 | Pass |
|                   | 2511    | Edge 1RB Left   | 21.38 | / | / | 20.28 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 21.19 | / | / | 20.09 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 21.27 | / | / | 20.17 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 22.31 | / | / | 21.21 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 22.32 | / | / | 21.22 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 22.26 | / | / | 21.16 | / | / | <=33 | Pass |
|                   | 2674.98 | Edge 1RB Left   | 21.13 | / | / | 20.03 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 21.37 | / | / | 20.27 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 21.23 | / | / | 20.13 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 22.22 | / | / | 21.12 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 22.11 | / | / | 21.01 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 22.35 | / | / | 21.25 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Edge 1RB Left   | 20.64 | / | / | 19.54 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 20.49 | / | / | 19.39 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 20.26 | / | / | 19.16 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 20.56 | / | / | 19.46 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 20.44 | / | / | 19.34 | / | / | <=33 | Pass |
|                   | 2511    | Edge 1RB Left   | 21.17 | / | / | 20.07 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 20.80 | / | / | 19.70 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 20.82 | / | / | 19.72 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 20.81 | / | / | 19.71 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 21.13 | / | / | 20.03 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 20.86 | / | / | 19.76 | / | / | <=33 | Pass |
|                   | 2674.98 | Edge 1RB Left   | 20.84 | / | / | 19.74 | / | / | <=33 | Pass |
|                   |         | Edge 1RB Right  | 21.00 | / | / | 19.90 | / | / | <=33 | Pass |
|                   |         | Outer Full      | 20.77 | / | / | 19.67 | / | / | <=33 | Pass |
|                   |         | Inner Full      | 20.77 | / | / | 19.67 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Left  | 20.79 | / | / | 19.69 | / | / | <=33 | Pass |
|                   |         | Inner 1RB Right | 21.07 | / | / | 19.97 | / | / | <=33 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| DFT-s-OFDM 256 QAM | 2592.99 | Edge_1RB_Left   | 18.16 | / | / | 17.06 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.19 | / | / | 17.09 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.30 | / | / | 17.20 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.25 | / | / | 17.15 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.00 | / | / | 16.90 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.13 | / | / | 17.03 | / | / | <=33 | Pass |
|                    | 2511    | Edge_1RB_Left   | 18.83 | / | / | 17.73 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.49 | / | / | 17.39 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.85 | / | / | 17.75 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.77 | / | / | 17.67 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.65 | / | / | 17.55 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.54 | / | / | 17.44 | / | / | <=33 | Pass |
|                    | 2674.98 | Edge_1RB_Left   | 18.52 | / | / | 17.42 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 18.79 | / | / | 17.69 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 18.83 | / | / | 17.73 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 18.80 | / | / | 17.70 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 18.51 | / | / | 17.41 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 18.78 | / | / | 17.68 | / | / | <=33 | Pass |
| CP-OFDM QPSK       | 2592.99 | Edge_1RB_Left   | 19.55 | / | / | 18.45 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.50 | / | / | 18.40 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.20 | / | / | 20.10 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.16 | / | / | 20.06 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.92 | / | / | 19.82 | / | / | <=33 | Pass |
|                    | 2511    | Edge_1RB_Left   | 20.16 | / | / | 19.06 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.11 | / | / | 19.01 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.33 | / | / | 19.23 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.79 | / | / | 20.69 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.70 | / | / | 20.60 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.45 | / | / | 20.35 | / | / | <=33 | Pass |
|                    | 2674.98 | Edge_1RB_Left   | 19.92 | / | / | 18.82 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.21 | / | / | 19.11 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.29 | / | / | 19.19 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.73 | / | / | 20.63 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.33 | / | / | 20.23 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.68 | / | / | 20.58 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM     | 2592.99 | Edge_1RB_Left   | 19.76 | / | / | 18.66 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.65 | / | / | 18.55 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.73 | / | / | 18.63 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 20.71 | / | / | 19.61 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 20.69 | / | / | 19.59 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                    | 2511    | Edge_1RB_Left   | 20.45 | / | / | 19.35 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.31 | / | / | 19.21 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.35 | / | / | 20.25 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.27 | / | / | 20.17 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.11 | / | / | 20.01 | / | / | <=33 | Pass |
|                    | 2674.98 | Edge_1RB_Left   | 20.06 | / | / | 18.96 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 20.35 | / | / | 19.25 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 20.27 | / | / | 19.17 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 21.26 | / | / | 20.16 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 21.25 | / | / | 20.15 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Right | 21.37 | / | / | 20.27 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM     | 2592.99 | Edge_1RB_Left   | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                    |         | Edge_1RB_Right  | 19.36 | / | / | 18.26 | / | / | <=33 | Pass |
|                    |         | Outer_Full      | 19.27 | / | / | 18.17 | / | / | <=33 | Pass |
|                    |         | Inner_Full      | 19.21 | / | / | 18.11 | / | / | <=33 | Pass |
|                    |         | Inner_1RB_Left  | 19.51 | / | / | 18.41 | / | / | <=33 | Pass |

|                                          |         |                 |       |   |   |       |   |   |      |      |
|------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                          | 2511    | Inner 1RB Right | 19.48 | / | / | 18.38 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 20.08 | / | / | 18.98 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 19.85 | / | / | 18.75 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 19.83 | / | / | 18.73 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 19.81 | / | / | 18.71 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 19.92 | / | / | 18.82 | / | / | <=33 | Pass |
|                                          | 2674.98 | Inner 1RB Right | 19.78 | / | / | 18.68 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 19.74 | / | / | 18.64 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 20.02 | / | / | 18.92 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 19.82 | / | / | 18.72 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 19.74 | / | / | 18.64 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 19.77 | / | / | 18.67 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                          | 2592.99 | Inner 1RB Right | 19.89 | / | / | 18.79 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 16.33 | / | / | 15.23 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.24 | / | / | 15.14 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.32 | / | / | 15.22 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.27 | / | / | 15.17 | / | / | <=33 | Pass |
|                                          | 2511    | Inner 1RB Right | 16.26 | / | / | 15.16 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 17.02 | / | / | 15.92 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 16.85 | / | / | 15.75 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.86 | / | / | 15.76 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.87 | / | / | 15.77 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.99 | / | / | 15.89 | / | / | <=33 | Pass |
|                                          | 2674.98 | Inner 1RB Right | 16.71 | / | / | 15.61 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Left   | 16.65 | / | / | 15.55 | / | / | <=33 | Pass |
|                                          |         | Edge 1RB Right  | 17.02 | / | / | 15.92 | / | / | <=33 | Pass |
|                                          |         | Outer Full      | 16.83 | / | / | 15.73 | / | / | <=33 | Pass |
|                                          |         | Inner Full      | 16.82 | / | / | 15.72 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Left  | 16.67 | / | / | 15.57 | / | / | <=33 | Pass |
|                                          |         | Inner 1RB Right | 16.88 | / | / | 15.78 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;     |         |                 |       |   |   |       |   |   |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.6 30k\_SISO\_35MHz\_NTNV\_EIRP

| 5G NR n41 SCS=30kHz SISO 35MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 2592.99         | Edge 1RB Left   | 22.13                | /    | /   | 21.03     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.06                | /    | /   | 20.96     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.19                | /    | /   | 21.09     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 22.66                | /    | /   | 21.56     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.61                | /    | /   | 21.51     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.57                | /    | /   | 21.47     | /    | /   | <=33  | Pass    |
|                                    | 2513.52         | Edge 1RB Left   | 22.79                | /    | /   | 21.69     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.49                | /    | /   | 21.39     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.78                | /    | /   | 21.68     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.30                | /    | /   | 22.20     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 23.25                | /    | /   | 22.15     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 23.09                | /    | /   | 21.99     | /    | /   | <=33  | Pass    |
|                                    | 2672.49         | Edge 1RB Left   | 22.32                | /    | /   | 21.22     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.71                | /    | /   | 21.61     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.63                | /    | /   | 21.53     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.13                | /    | /   | 22.03     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.83                | /    | /   | 21.73     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 23.25                | /    | /   | 22.15     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM QPSK                    | 2592.99         | Edge 1RB Left   | 21.60                | /    | /   | 20.50     | /    | /   | <=33  | Pass    |

|                    |                   |                 |                 |       |       |       |       |      |      |      |      |
|--------------------|-------------------|-----------------|-----------------|-------|-------|-------|-------|------|------|------|------|
|                    |                   | Edge 1RB Right  | 21.57           | /     | /     | 20.47 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 21.69           | /     | /     | 20.59 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 22.68           | /     | /     | 21.58 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 22.62           | /     | /     | 21.52 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 22.58           | /     | /     | 21.48 | /     | /    | <=33 | Pass |      |
|                    | 2513.52           | Edge 1RB Left   | 22.29           | /     | /     | 21.19 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 22.02           | /     | /     | 20.92 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 22.32           | /     | /     | 21.22 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 23.27           | /     | /     | 22.17 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 23.23           | /     | /     | 22.13 | /     | /    | <=33 | Pass |      |
|                    | 2672.49           | Inner 1RB Right | 23.19           | /     | /     | 22.09 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Left   | 21.84           | /     | /     | 20.74 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 22.27           | /     | /     | 21.17 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 22.18           | /     | /     | 21.08 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 23.13           | /     | /     | 22.03 | /     | /    | <=33 | Pass |      |
|                    | DFT-s-OFDM 16 QAM |                 | Inner 1RB Left  | 22.84 | /     | /     | 21.74 | /    | /    | <=33 | Pass |
|                    |                   |                 | Inner 1RB Right | 23.30 | /     | /     | 22.20 | /    | /    | <=33 | Pass |
|                    |                   |                 | Edge 1RB Left   | 20.70 | /     | /     | 19.60 | /    | /    | <=33 | Pass |
| Edge 1RB Right     |                   |                 | 20.72           | /     | /     | 19.62 | /     | /    | <=33 | Pass |      |
| Outer Full         |                   |                 | 20.72           | /     | /     | 19.62 | /     | /    | <=33 | Pass |      |
| 2592.99            |                   | Inner Full      | 21.67           | /     | /     | 20.57 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 21.68           | /     | /     | 20.58 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 21.66           | /     | /     | 20.56 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Left   | 21.39           | /     | /     | 20.29 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 21.09           | /     | /     | 19.99 | /     | /    | <=33 | Pass |      |
| 2513.52            |                   | Outer Full      | 21.32           | /     | /     | 20.22 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 22.33           | /     | /     | 21.23 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 22.38           | /     | /     | 21.28 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 22.16           | /     | /     | 21.06 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Left   | 20.98           | /     | /     | 19.88 | /     | /    | <=33 | Pass |      |
| 2672.49            |                   | Edge 1RB Right  | 21.38           | /     | /     | 20.28 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 21.20           | /     | /     | 20.10 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 22.13           | /     | /     | 21.03 | /     | /    | <=33 | Pass |      |
|                    | Inner 1RB Left    | 21.94           | /               | /     | 20.84 | /     | /     | <=33 | Pass |      |      |
|                    | Inner 1RB Right   | 22.32           | /               | /     | 21.22 | /     | /     | <=33 | Pass |      |      |
| DFT-s-OFDM 64 QAM  |                   | Edge 1RB Left   | 20.62           | /     | /     | 19.52 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 20.43           | /     | /     | 19.33 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 20.20           | /     | /     | 19.10 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 20.21           | /     | /     | 19.11 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 20.65           | /     | /     | 19.55 | /     | /    | <=33 | Pass |      |
|                    | 2592.99           | Inner 1RB Right | 20.42           | /     | /     | 19.32 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Left   | 21.42           | /     | /     | 20.32 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 20.74           | /     | /     | 19.64 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 20.83           | /     | /     | 19.73 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 20.86           | /     | /     | 19.76 | /     | /    | <=33 | Pass |      |
|                    | 2513.52           | Inner 1RB Left  | 21.29           | /     | /     | 20.19 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 20.64           | /     | /     | 19.54 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Left   | 20.59           | /     | /     | 19.49 | /     | /    | <=33 | Pass |      |
|                    |                   | Edge 1RB Right  | 20.91           | /     | /     | 19.81 | /     | /    | <=33 | Pass |      |
|                    |                   | Outer Full      | 20.74           | /     | /     | 19.64 | /     | /    | <=33 | Pass |      |
|                    | 2672.49           | Inner Full      | 20.70           | /     | /     | 19.60 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 20.63           | /     | /     | 19.53 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 20.86           | /     | /     | 19.76 | /     | /    | <=33 | Pass |      |
| Edge 1RB Left      |                   | 18.09           | /               | /     | 16.99 | /     | /     | <=33 | Pass |      |      |
| Edge 1RB Right     |                   | 18.13           | /               | /     | 17.03 | /     | /     | <=33 | Pass |      |      |
| DFT-s-OFDM 256 QAM | 2592.99           | Outer Full      | 18.25           | /     | /     | 17.15 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner Full      | 18.23           | /     | /     | 17.13 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Left  | 17.96           | /     | /     | 16.86 | /     | /    | <=33 | Pass |      |
|                    |                   | Inner 1RB Right | 18.10           | /     | /     | 17.00 | /     | /    | <=33 | Pass |      |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                | 2513.52 | Edge_1RB_Left   | 18.80 | / | / | 17.70 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 18.54 | / | / | 17.44 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 18.85 | / | / | 17.75 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 18.86 | / | / | 17.76 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 18.85 | / | / | 17.75 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 18.55 | / | / | 17.45 | / | / | <=33 | Pass |
|                | 2672.49 | Edge_1RB_Left   | 18.31 | / | / | 17.21 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 18.67 | / | / | 17.57 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 18.77 | / | / | 17.67 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 18.70 | / | / | 17.60 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 18.22 | / | / | 17.12 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 18.72 | / | / | 17.62 | / | / | <=33 | Pass |
| CP-OFDM QPSK   | 2592.99 | Edge_1RB_Left   | 19.49 | / | / | 18.39 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.46 | / | / | 18.36 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.22 | / | / | 20.12 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.14 | / | / | 20.04 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.13 | / | / | 20.03 | / | / | <=33 | Pass |
|                | 2513.52 | Edge_1RB_Left   | 20.34 | / | / | 19.24 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.92 | / | / | 18.82 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.34 | / | / | 19.24 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.78 | / | / | 20.68 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.83 | / | / | 20.73 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.49 | / | / | 20.39 | / | / | <=33 | Pass |
|                | 2672.49 | Edge_1RB_Left   | 19.79 | / | / | 18.69 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.16 | / | / | 19.06 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.68 | / | / | 20.58 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.28 | / | / | 20.18 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.78 | / | / | 20.68 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2592.99 | Edge_1RB_Left   | 19.75 | / | / | 18.65 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.58 | / | / | 18.48 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.79 | / | / | 18.69 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 20.69 | / | / | 19.59 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 20.65 | / | / | 19.55 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 20.63 | / | / | 19.53 | / | / | <=33 | Pass |
|                | 2513.52 | Edge_1RB_Left   | 20.43 | / | / | 19.33 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.09 | / | / | 18.99 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.38 | / | / | 19.28 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.28 | / | / | 20.18 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.34 | / | / | 20.24 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.04 | / | / | 19.94 | / | / | <=33 | Pass |
|                | 2672.49 | Edge_1RB_Left   | 19.93 | / | / | 18.83 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.41 | / | / | 19.31 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.30 | / | / | 19.20 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.17 | / | / | 20.07 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.00 | / | / | 19.90 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.40 | / | / | 20.30 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2592.99 | Edge_1RB_Left   | 19.54 | / | / | 18.44 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.45 | / | / | 18.35 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.26 | / | / | 18.16 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 19.29 | / | / | 18.19 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 19.49 | / | / | 18.39 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 19.40 | / | / | 18.30 | / | / | <=33 | Pass |
|                | 2513.52 | Edge_1RB_Left   | 20.05 | / | / | 18.95 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.68 | / | / | 18.58 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.86 | / | / | 18.76 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 19.90 | / | / | 18.80 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 20.14 | / | / | 19.04 | / | / | <=33 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  | 2672.49 | Inner 1RB Right | 19.73 | / | / | 18.63 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Left   | 19.51 | / | / | 18.41 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 19.88 | / | / | 18.78 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 19.72 | / | / | 18.62 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 19.74 | / | / | 18.64 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 19.64 | / | / | 18.54 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 19.93 | / | / | 18.83 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                                                                  | 2592.99 | Edge 1RB Left   | 16.31 | / | / | 15.21 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.35 | / | / | 15.25 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.25 | / | / | 15.15 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.35 | / | / | 15.25 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.26 | / | / | 15.16 | / | / | <=33 | Pass |
|                                                                                  | 2513.52 | Edge 1RB Left   | 17.04 | / | / | 15.94 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.71 | / | / | 15.61 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.89 | / | / | 15.79 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.94 | / | / | 15.84 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 17.02 | / | / | 15.92 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.76 | / | / | 15.66 | / | / | <=33 | Pass |
|                                                                                  | 2672.49 | Edge 1RB Left   | 16.49 | / | / | 15.39 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.91 | / | / | 15.81 | / | / | <=33 | Pass |
|                                                                                  |         | Outer Full      | 16.73 | / | / | 15.63 | / | / | <=33 | Pass |
|                                                                                  |         | Inner Full      | 16.82 | / | / | 15.72 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.56 | / | / | 15.46 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.96 | / | / | 15.86 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.7 30k\_SISO\_40MHz\_NTNV\_EIRP

| 5G NR n41 SCS=30kHz SISO 40MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 2592.99         | Edge 1RB Left   | 22.19                | /    | /   | 21.09     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.07                | /    | /   | 20.97     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer Full      | 22.20                | /    | /   | 21.10     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner Full      | 22.70                | /    | /   | 21.60     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.59                | /    | /   | 21.49     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Right | 22.61                | /    | /   | 21.51     | /    | /   | <=33  | Pass    |
|                                     | 2516.01         | Edge 1RB Left   | 22.63                | /    | /   | 21.53     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.46                | /    | /   | 21.36     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer Full      | 22.62                | /    | /   | 21.52     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner Full      | 23.14                | /    | /   | 22.04     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.09                | /    | /   | 21.99     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Right | 22.94                | /    | /   | 21.84     | /    | /   | <=33  | Pass    |
|                                     | 2670            | Edge 1RB Left   | 22.25                | /    | /   | 21.15     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge 1RB Right  | 22.72                | /    | /   | 21.62     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer Full      | 22.64                | /    | /   | 21.54     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner Full      | 23.09                | /    | /   | 21.99     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.72                | /    | /   | 21.62     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Right | 23.21                | /    | /   | 22.11     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM QPSK                     | 2592.99         | Edge 1RB Left   | 21.65                | /    | /   | 20.55     | /    | /   | <=33  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.64                | /    | /   | 20.54     | /    | /   | <=33  | Pass    |
|                                     |                 | Outer Full      | 21.70                | /    | /   | 20.60     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner Full      | 22.68                | /    | /   | 21.58     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Left  | 22.59                | /    | /   | 21.49     | /    | /   | <=33  | Pass    |
|                                     |                 | Inner 1RB Right | 22.58                | /    | /   | 21.48     | /    | /   | <=33  | Pass    |
|                                     | 2516.01         | Edge 1RB Left   | 22.15                | /    | /   | 21.05     | /    | /   | <=33  | Pass    |

|                    |         |                 |       |       |   |       |      |      |      |      |
|--------------------|---------|-----------------|-------|-------|---|-------|------|------|------|------|
|                    |         | Edge 1RB Right  | 22.00 | /     | / | 20.90 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 22.16 | /     | / | 21.06 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 23.18 | /     | / | 22.08 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 23.07 | /     | / | 21.97 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 23.04 | /     | / | 21.94 | /    | /    | <=33 | Pass |
|                    | 2670    | Edge 1RB Left   | 21.75 | /     | / | 20.65 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 22.24 | /     | / | 21.14 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 22.10 | /     | / | 21.00 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 23.09 | /     | / | 21.99 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 22.71 | /     | / | 21.61 | /    | /    | <=33 | Pass |
| Inner 1RB Right    | 23.36   | /               | /     | 22.26 | / | /     | <=33 | Pass |      |      |
| DFT-s-OFDM 16 QAM  | 2592.99 | Edge 1RB Left   | 20.78 | /     | / | 19.68 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.65 | /     | / | 19.55 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 20.73 | /     | / | 19.63 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 21.72 | /     | / | 20.62 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.62 | /     | / | 20.52 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.58 | /     | / | 20.48 | /    | /    | <=33 | Pass |
|                    | 2516.01 | Edge 1RB Left   | 21.25 | /     | / | 20.15 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 21.09 | /     | / | 19.99 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 21.18 | /     | / | 20.08 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 22.21 | /     | / | 21.11 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 22.16 | /     | / | 21.06 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 22.06 | /     | / | 20.96 | /    | /    | <=33 | Pass |
|                    | 2670    | Edge 1RB Left   | 20.86 | /     | / | 19.76 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 21.31 | /     | / | 20.21 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 21.10 | /     | / | 20.00 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 22.09 | /     | / | 20.99 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 21.79 | /     | / | 20.69 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 22.32 | /     | / | 21.22 | /    | /    | <=33 | Pass |
| DFT-s-OFDM 64 QAM  | 2592.99 | Edge 1RB Left   | 20.69 | /     | / | 19.59 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.46 | /     | / | 19.36 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 20.24 | /     | / | 19.14 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 20.28 | /     | / | 19.18 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.49 | /     | / | 19.39 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.17 | /     | / | 19.07 | /    | /    | <=33 | Pass |
|                    | 2516.01 | Edge 1RB Left   | 21.10 | /     | / | 20.00 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.66 | /     | / | 19.56 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 20.69 | /     | / | 19.59 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 20.71 | /     | / | 19.61 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.97 | /     | / | 19.87 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 20.76 | /     | / | 19.66 | /    | /    | <=33 | Pass |
|                    | 2670    | Edge 1RB Left   | 20.54 | /     | / | 19.44 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 20.96 | /     | / | 19.86 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 20.65 | /     | / | 19.55 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 20.65 | /     | / | 19.55 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 20.63 | /     | / | 19.53 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 21.07 | /     | / | 19.97 | /    | /    | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Edge 1RB Left   | 18.24 | /     | / | 17.14 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.07 | /     | / | 16.97 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 18.24 | /     | / | 17.14 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 18.27 | /     | / | 17.17 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Left  | 18.22 | /     | / | 17.12 | /    | /    | <=33 | Pass |
|                    |         | Inner 1RB Right | 18.00 | /     | / | 16.90 | /    | /    | <=33 | Pass |
|                    | 2516.01 | Edge 1RB Left   | 18.51 | /     | / | 17.41 | /    | /    | <=33 | Pass |
|                    |         | Edge 1RB Right  | 18.47 | /     | / | 17.37 | /    | /    | <=33 | Pass |
|                    |         | Outer Full      | 18.72 | /     | / | 17.62 | /    | /    | <=33 | Pass |
|                    |         | Inner Full      | 18.74 | /     | / | 17.64 | /    | /    | <=33 | Pass |
| Inner 1RB Left     | 18.59   | /               | /     | 17.49 | / | /     | <=33 | Pass |      |      |
| Inner 1RB Right    | 18.48   | /               | /     | 17.38 | / | /     | <=33 | Pass |      |      |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                | 2670    | Edge_1RB_Left   | 18.05 | / | / | 16.95 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 18.57 | / | / | 17.47 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 18.63 | / | / | 17.53 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 18.69 | / | / | 17.59 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 18.22 | / | / | 17.12 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 18.75 | / | / | 17.65 | / | / | <=33 | Pass |
| CP-OFDM QPSK   | 2592.99 | Edge_1RB_Left   | 19.57 | / | / | 18.47 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.49 | / | / | 18.39 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.77 | / | / | 18.67 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.22 | / | / | 20.12 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 20.96 | / | / | 19.86 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 20.96 | / | / | 19.86 | / | / | <=33 | Pass |
|                | 2516.01 | Edge_1RB_Left   | 20.03 | / | / | 18.93 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.90 | / | / | 18.80 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.21 | / | / | 19.11 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.64 | / | / | 20.54 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.70 | / | / | 20.60 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.55 | / | / | 20.45 | / | / | <=33 | Pass |
|                | 2670    | Edge_1RB_Left   | 19.66 | / | / | 18.56 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.13 | / | / | 19.03 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.15 | / | / | 19.05 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.56 | / | / | 20.46 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.04 | / | / | 19.94 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.65 | / | / | 20.55 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2592.99 | Edge_1RB_Left   | 19.77 | / | / | 18.67 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.79 | / | / | 18.69 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.74 | / | / | 18.64 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 20.70 | / | / | 19.60 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 20.74 | / | / | 19.64 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 20.59 | / | / | 19.49 | / | / | <=33 | Pass |
|                | 2516.01 | Edge_1RB_Left   | 20.20 | / | / | 19.10 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.04 | / | / | 18.94 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.23 | / | / | 19.13 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.16 | / | / | 20.06 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 21.26 | / | / | 20.16 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.08 | / | / | 19.98 | / | / | <=33 | Pass |
|                | 2670    | Edge_1RB_Left   | 19.85 | / | / | 18.75 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.35 | / | / | 19.25 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 20.11 | / | / | 19.01 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 21.10 | / | / | 20.00 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 20.76 | / | / | 19.66 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 21.31 | / | / | 20.21 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2592.99 | Edge_1RB_Left   | 19.38 | / | / | 18.28 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.33 | / | / | 18.23 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.21 | / | / | 18.11 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 19.25 | / | / | 18.15 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 19.40 | / | / | 18.30 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 19.36 | / | / | 18.26 | / | / | <=33 | Pass |
|                | 2516.01 | Edge_1RB_Left   | 19.97 | / | / | 18.87 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 19.76 | / | / | 18.66 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.70 | / | / | 18.60 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 19.70 | / | / | 18.60 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 19.89 | / | / | 18.79 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Right | 19.70 | / | / | 18.60 | / | / | <=33 | Pass |
|                | 2670    | Edge_1RB_Left   | 19.41 | / | / | 18.31 | / | / | <=33 | Pass |
|                |         | Edge_1RB_Right  | 20.03 | / | / | 18.93 | / | / | <=33 | Pass |
|                |         | Outer_Full      | 19.67 | / | / | 18.57 | / | / | <=33 | Pass |
|                |         | Inner_Full      | 19.65 | / | / | 18.55 | / | / | <=33 | Pass |
|                |         | Inner_1RB_Left  | 19.53 | / | / | 18.43 | / | / | <=33 | Pass |

|                                                                                  |         |                 |       |   |   |       |   |   |      |      |
|----------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                                                                                  |         | Inner 1RB Right | 19.83 | / | / | 18.73 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM                                                                  | 2592.99 | Edge 1RB Left   | 16.36 | / | / | 15.26 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.30 | / | / | 15.20 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.40 | / | / | 15.30 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.29 | / | / | 15.19 | / | / | <=33 | Pass |
|                                                                                  | 2516.01 | Edge 1RB Left   | 16.85 | / | / | 15.75 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.69 | / | / | 15.59 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.76 | / | / | 15.66 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.76 | / | / | 15.66 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.84 | / | / | 15.74 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.67 | / | / | 15.57 | / | / | <=33 | Pass |
|                                                                                  | 2670    | Edge 1RB Left   | 16.40 | / | / | 15.30 | / | / | <=33 | Pass |
|                                                                                  |         | Edge 1RB Right  | 16.92 | / | / | 15.82 | / | / | <=33 | Pass |
|                                                                                  |         | Outer_Full      | 16.76 | / | / | 15.66 | / | / | <=33 | Pass |
|                                                                                  |         | Inner_Full      | 16.71 | / | / | 15.61 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Left  | 16.40 | / | / | 15.30 | / | / | <=33 | Pass |
|                                                                                  |         | Inner 1RB Right | 16.89 | / | / | 15.79 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant4: -1.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.8 30k\_SISO\_45MHz\_NTNV\_EIRP

| 5G NR n41 SCS=30kHz SISO 45MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant4                 | Ant2 | Sum | Ant4      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK               | 2592.99         | Edge 1RB Left   | 22.11                | /    | /   | 21.01     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.10                | /    | /   | 21.00     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.21                | /    | /   | 21.11     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 22.73                | /    | /   | 21.63     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.64                | /    | /   | 21.54     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.60                | /    | /   | 21.50     | /    | /   | <=33  | Pass    |
|                                    | 2518.5          | Edge 1RB Left   | 22.69                | /    | /   | 21.59     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.42                | /    | /   | 21.32     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.67                | /    | /   | 21.57     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.22                | /    | /   | 22.12     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 23.17                | /    | /   | 22.07     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.95                | /    | /   | 21.85     | /    | /   | <=33  | Pass    |
|                                    | 2667.48         | Edge 1RB Left   | 22.10                | /    | /   | 21.00     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.72                | /    | /   | 21.62     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.50                | /    | /   | 21.40     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.00                | /    | /   | 21.90     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.60                | /    | /   | 21.50     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 23.20                | /    | /   | 22.10     | /    | /   | <=33  | Pass    |
| DFT-s-OFDM QPSK                    | 2592.99         | Edge 1RB Left   | 21.59                | /    | /   | 20.49     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.57                | /    | /   | 20.47     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 21.71                | /    | /   | 20.61     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 22.66                | /    | /   | 21.56     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.62                | /    | /   | 21.52     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.55                | /    | /   | 21.45     | /    | /   | <=33  | Pass    |
|                                    | 2518.5          | Edge 1RB Left   | 22.15                | /    | /   | 21.05     | /    | /   | <=33  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.93                | /    | /   | 20.83     | /    | /   | <=33  | Pass    |
|                                    |                 | Outer Full      | 22.18                | /    | /   | 21.08     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner Full      | 23.20                | /    | /   | 22.10     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Left  | 23.11                | /    | /   | 22.01     | /    | /   | <=33  | Pass    |
|                                    |                 | Inner 1RB Right | 22.99                | /    | /   | 21.89     | /    | /   | <=33  | Pass    |
|                                    | 2667.48         | Edge 1RB Left   | 21.59                | /    | /   | 20.49     | /    | /   | <=33  | Pass    |