

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

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

| 5G NR n77d SCS=30kHz SISO 10MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3455.01         | Edge_1RB_Left   | 21.25                | /    | /   | 21.37     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.41                | /    | /   | 21.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.48                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.98                | /    | /   | 25.10     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.91                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 25.00                | /    | /   | 25.12     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge_1RB_Left   | 21.10                | /    | /   | 21.22     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.31                | /    | /   | 21.43     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.32                | /    | /   | 24.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.82                | /    | /   | 24.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.71                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.87                | /    | /   | 24.99     | /    | /   | <=30  | Pass    |
|                                     | 3544.98         | Edge_1RB_Left   | 21.29                | /    | /   | 21.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.23                | /    | /   | 21.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 24.34                | /    | /   | 24.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.72                | /    | /   | 24.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.88                | /    | /   | 25.00     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.73                | /    | /   | 24.85     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3455.01         | Edge_1RB_Left   | 21.22                | /    | /   | 21.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.34                | /    | /   | 21.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 23.94                | /    | /   | 24.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.89                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.78                | /    | /   | 24.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.94                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge_1RB_Left   | 21.13                | /    | /   | 21.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.32                | /    | /   | 21.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 23.85                | /    | /   | 23.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.71                | /    | /   | 24.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.64                | /    | /   | 24.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.83                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     | 3544.98         | Edge_1RB_Left   | 21.22                | /    | /   | 21.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.15                | /    | /   | 21.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 23.80                | /    | /   | 23.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 24.78                | /    | /   | 24.90     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 24.83                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 24.75                | /    | /   | 24.87     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3455.01         | Edge_1RB_Left   | 21.16                | /    | /   | 21.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.28                | /    | /   | 21.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.92                | /    | /   | 23.04     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.80                | /    | /   | 23.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.58                | /    | /   | 23.70     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.71                | /    | /   | 23.83     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge_1RB_Left   | 20.94                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right  | 21.16                | /    | /   | 21.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full      | 22.75                | /    | /   | 22.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_Full      | 23.66                | /    | /   | 23.78     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Left  | 23.43                | /    | /   | 23.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner_1RB_Right | 23.65                | /    | /   | 23.77     | /    | /   | <=30  | Pass    |
|                                     | 3544.98         | Edge_1RB_Left   | 21.15                | /    | /   | 21.27     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Edge_1RB_Right  | 21.02 | / | / | 21.14 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.82 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.68 | / | / | 23.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.55 | / | / | 23.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.51 | / | / | 23.63 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3455.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.43 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.40 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.31 | / | / | 22.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.32 | / | / | 22.44 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.45 | / | / | 22.57 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.06 | / | / | 21.18 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.18 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.29 | / | / | 22.41 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.17 | / | / | 22.29 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.14 | / | / | 22.26 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.32 | / | / | 22.44 | / | / | <=30 | Pass |
|                    | 3544.98 | Edge_1RB_Left   | 21.34 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.34 | / | / | 22.46 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.26 | / | / | 22.38 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.33 | / | / | 22.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.26 | / | / | 22.38 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3455.01 | Edge_1RB_Left   | 20.27 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.39 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.41 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.36 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.51 | / | / | 20.63 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.22 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.38 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.30 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.28 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.19 | / | / | 20.31 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.40 | / | / | 20.52 | / | / | <=30 | Pass |
|                    | 3544.98 | Edge_1RB_Left   | 20.32 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.23 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.26 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.27 | / | / | 20.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.38 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.31 | / | / | 20.43 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3455.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.77 | / | / | 21.89 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.39 | / | / | 23.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.42 | / | / | 23.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.58 | / | / | 23.70 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.27 | / | / | 21.39 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.78 | / | / | 21.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.21 | / | / | 23.33 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.27 | / | / | 23.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.43 | / | / | 23.55 | / | / | <=30 | Pass |
|                    | 3544.98 | Edge_1RB_Left   | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.66 | / | / | 21.78 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.20 | / | / | 23.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.45 | / | / | 23.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.35 | / | / | 23.47 | / | / | <=30 | Pass |

|                                                                                 |         |                 |       |   |   |       |   |   |      |      |
|---------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 16 QAM                                                                  | 3455.01 | Edge_1RB_Left   | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.93 | / | / | 22.05 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 22.78 | / | / | 22.90 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 22.69 | / | / | 22.81 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 22.80 | / | / | 22.92 | / | / | <=30 | Pass |
|                                                                                 | 3500.01 | Edge_1RB_Left   | 21.10 | / | / | 21.22 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.25 | / | / | 21.37 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.81 | / | / | 21.93 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 22.74 | / | / | 22.86 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 22.54 | / | / | 22.66 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 22.77 | / | / | 22.89 | / | / | <=30 | Pass |
|                                                                                 | 3544.98 | Edge_1RB_Left   | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.16 | / | / | 21.28 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.78 | / | / | 21.90 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 22.64 | / | / | 22.76 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 22.73 | / | / | 22.85 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 22.70 | / | / | 22.82 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM                                                                  | 3455.01 | Edge_1RB_Left   | 21.19 | / | / | 21.31 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 21.39 | / | / | 21.51 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 21.39 | / | / | 21.51 | / | / | <=30 | Pass |
|                                                                                 | 3500.01 | Edge_1RB_Left   | 21.02 | / | / | 21.14 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 21.08 | / | / | 21.20 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 21.25 | / | / | 21.37 | / | / | <=30 | Pass |
|                                                                                 | 3544.98 | Edge_1RB_Left   | 21.21 | / | / | 21.33 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 21.16 | / | / | 21.28 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 21.17 | / | / | 21.29 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM                                                                 | 3455.01 | Edge_1RB_Left   | 18.31 | / | / | 18.43 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 18.47 | / | / | 18.59 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 18.46 | / | / | 18.58 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 18.49 | / | / | 18.61 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 18.39 | / | / | 18.51 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 18.51 | / | / | 18.63 | / | / | <=30 | Pass |
|                                                                                 | 3500.01 | Edge_1RB_Left   | 18.23 | / | / | 18.35 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 18.41 | / | / | 18.53 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 18.31 | / | / | 18.43 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 18.43 | / | / | 18.55 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 18.16 | / | / | 18.28 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 18.49 | / | / | 18.61 | / | / | <=30 | Pass |
|                                                                                 | 3544.98 | Edge_1RB_Left   | 18.37 | / | / | 18.49 | / | / | <=30 | Pass |
|                                                                                 |         | Edge_1RB_Right  | 18.23 | / | / | 18.35 | / | / | <=30 | Pass |
|                                                                                 |         | Outer_Full      | 18.27 | / | / | 18.39 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_Full      | 18.35 | / | / | 18.47 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Left  | 18.42 | / | / | 18.54 | / | / | <=30 | Pass |
|                                                                                 |         | Inner_1RB_Right | 18.32 | / | / | 18.44 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant3: 0.12dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

### 1.1.2 30k\_SISO\_20MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 20MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3460.02         | Edge 1RB Left   | 21.35                | /    | /   | 21.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.22                | /    | /   | 21.34     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.53                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.17                | /    | /   | 25.29     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.95                | /    | /   | 25.07     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.84                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge 1RB Left   | 21.02                | /    | /   | 21.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.29                | /    | /   | 21.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.34                | /    | /   | 24.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.91                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.63                | /    | /   | 24.75     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.85                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     | 3540            | Edge 1RB Left   | 21.34                | /    | /   | 21.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 20.96                | /    | /   | 21.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.30                | /    | /   | 24.42     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.91                | /    | /   | 25.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.94                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.57                | /    | /   | 24.69     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3460.02         | Edge 1RB Left   | 21.32                | /    | /   | 21.44     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.15                | /    | /   | 21.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.00                | /    | /   | 24.12     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.02                | /    | /   | 25.14     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.89                | /    | /   | 25.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.80                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge 1RB Left   | 20.99                | /    | /   | 21.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.23                | /    | /   | 21.35     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 23.82                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.83                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.52                | /    | /   | 24.64     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.83                | /    | /   | 24.95     | /    | /   | <=30  | Pass    |
|                                     | 3540            | Edge 1RB Left   | 21.26                | /    | /   | 21.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 20.94                | /    | /   | 21.06     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 23.71                | /    | /   | 23.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.80                | /    | /   | 24.92     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.84                | /    | /   | 24.96     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.55                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 16 QAM                   | 3460.02         | Edge 1RB Left   | 21.29                | /    | /   | 21.41     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.15                | /    | /   | 21.27     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.91                | /    | /   | 23.03     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.93                | /    | /   | 24.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.70                | /    | /   | 23.82     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.56                | /    | /   | 23.68     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge 1RB Left   | 20.89                | /    | /   | 21.01     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.13                | /    | /   | 21.25     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.74                | /    | /   | 22.86     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.71                | /    | /   | 23.83     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.34                | /    | /   | 23.46     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.58                | /    | /   | 23.70     | /    | /   | <=30  | Pass    |
|                                     | 3540            | Edge 1RB Left   | 21.21                | /    | /   | 21.33     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 20.87                | /    | /   | 20.99     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 22.72                | /    | /   | 22.84     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 23.82                | /    | /   | 23.94     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 23.64                | /    | /   | 23.76     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 23.30                | /    | /   | 23.42     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM 64 QAM                   | 3460.02         | Edge 1RB Left   | 21.43                | /    | /   | 21.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.30                | /    | /   | 21.42     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 22.48 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.49 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.51 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.33 | / | / | 22.45 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.09 | / | / | 21.21 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.27 | / | / | 22.39 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.28 | / | / | 22.40 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 21.99 | / | / | 22.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.26 | / | / | 22.38 | / | / | <=30 | Pass |
|                    | 3540    | Edge_1RB_Left   | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.07 | / | / | 21.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.25 | / | / | 22.37 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.26 | / | / | 22.38 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.41 | / | / | 22.53 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.12 | / | / | 22.24 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3460.02 | Edge_1RB_Left   | 20.36 | / | / | 20.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.22 | / | / | 20.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.45 | / | / | 20.57 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.55 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.37 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 19.96 | / | / | 20.08 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.21 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.28 | / | / | 20.40 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.31 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 19.99 | / | / | 20.11 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.27 | / | / | 20.39 | / | / | <=30 | Pass |
|                    | 3540    | Edge_1RB_Left   | 20.34 | / | / | 20.46 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 19.95 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.26 | / | / | 20.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.23 | / | / | 20.35 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.37 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.04 | / | / | 20.16 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3460.02 | Edge_1RB_Left   | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.96 | / | / | 22.08 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.46 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.56 | / | / | 23.68 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.45 | / | / | 23.57 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.15 | / | / | 21.27 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.42 | / | / | 21.54 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.78 | / | / | 21.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.23 | / | / | 23.35 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.22 | / | / | 23.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.43 | / | / | 23.55 | / | / | <=30 | Pass |
|                    | 3540    | Edge_1RB_Left   | 21.40 | / | / | 21.52 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.80 | / | / | 21.92 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.25 | / | / | 23.37 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.46 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.19 | / | / | 23.31 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3460.02 | Edge_1RB_Left   | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.24 | / | / | 21.36 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.99 | / | / | 22.11 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.94 | / | / | 23.06 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.89 | / | / | 23.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.77 | / | / | 22.89 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.97 | / | / | 21.09 | / | / | <=30 | Pass |

|                                                                                 |                 |                 |       |   |       |       |   |      |      |      |
|---------------------------------------------------------------------------------|-----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|                                                                                 |                 | Edge_1RB_Right  | 21.23 | / | /     | 21.35 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 21.78 | / | /     | 21.90 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 22.80 | / | /     | 22.92 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 22.45 | / | /     | 22.57 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Right | 22.69 | / | /     | 22.81 | / | /    | <=30 | Pass |
|                                                                                 | 3540            | Edge_1RB_Left   | 21.32 | / | /     | 21.44 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 21.01 | / | /     | 21.13 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 21.72 | / | /     | 21.84 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 22.85 | / | /     | 22.97 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 22.89 | / | /     | 23.01 | / | /    | <=30 | Pass |
|                                                                                 | Inner_1RB_Right | 22.49           | /     | / | 22.61 | /     | / | <=30 | Pass |      |
| CP-OFDM 64 QAM                                                                  | 3460.02         | Edge_1RB_Left   | 21.39 | / | /     | 21.51 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 21.32 | / | /     | 21.44 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 21.51 | / | /     | 21.63 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 21.62 | / | /     | 21.74 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 21.41 | / | /     | 21.53 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Right | 21.31 | / | /     | 21.43 | / | /    | <=30 | Pass |
|                                                                                 | 3500.01         | Edge_1RB_Left   | 21.03 | / | /     | 21.15 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 21.26 | / | /     | 21.38 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 21.32 | / | /     | 21.44 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 21.33 | / | /     | 21.45 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 21.07 | / | /     | 21.19 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Right | 21.28 | / | /     | 21.40 | / | /    | <=30 | Pass |
|                                                                                 | 3540            | Edge_1RB_Left   | 21.32 | / | /     | 21.44 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 21.05 | / | /     | 21.17 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 21.25 | / | /     | 21.37 | / | /    | <=30 | Pass |
| Inner_Full                                                                      |                 | 21.33           | /     | / | 21.45 | /     | / | <=30 | Pass |      |
| Inner_1RB_Left                                                                  |                 | 21.37           | /     | / | 21.49 | /     | / | <=30 | Pass |      |
|                                                                                 | Inner_1RB_Right | 21.04           | /     | / | 21.16 | /     | / | <=30 | Pass |      |
| CP-OFDM 256 QAM                                                                 | 3460.02         | Edge_1RB_Left   | 18.38 | / | /     | 18.50 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 18.27 | / | /     | 18.39 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 18.48 | / | /     | 18.60 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 18.63 | / | /     | 18.75 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 18.40 | / | /     | 18.52 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Right | 18.30 | / | /     | 18.42 | / | /    | <=30 | Pass |
|                                                                                 | 3500.01         | Edge_1RB_Left   | 18.05 | / | /     | 18.17 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 18.33 | / | /     | 18.45 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 18.31 | / | /     | 18.43 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_Full      | 18.39 | / | /     | 18.51 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Left  | 18.14 | / | /     | 18.26 | / | /    | <=30 | Pass |
|                                                                                 |                 | Inner_1RB_Right | 18.33 | / | /     | 18.45 | / | /    | <=30 | Pass |
|                                                                                 | 3540            | Edge_1RB_Left   | 18.36 | / | /     | 18.48 | / | /    | <=30 | Pass |
|                                                                                 |                 | Edge_1RB_Right  | 18.02 | / | /     | 18.14 | / | /    | <=30 | Pass |
|                                                                                 |                 | Outer_Full      | 18.25 | / | /     | 18.37 | / | /    | <=30 | Pass |
| Inner_Full                                                                      |                 | 18.36           | /     | / | 18.48 | /     | / | <=30 | Pass |      |
| Inner_1RB_Left                                                                  |                 | 18.40           | /     | / | 18.52 | /     | / | <=30 | Pass |      |
|                                                                                 | Inner_1RB_Right | 18.03           | /     | / | 18.15 | /     | / | <=30 | Pass |      |
| Note1: Antenna Gain: Ant3: 0.12dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |       |   |       |       |   |      |      |      |

### 1.1.3 30k\_SISO\_30MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 30MHz NTN |                 |                |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation  | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3465            | Edge_1RB_Left  | 21.55                | /    | /   | 21.67     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge_1RB_Right | 21.03                | /    | /   | 21.15     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer_Full     | 24.46                | /    | /   | 24.58     | /    | /   | <=30  | Pass    |

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |         | Inner_Full      | 25.15 | / | / | 25.27 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 25.08 | / | / | 25.20 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.60 | / | / | 24.72 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 21.20 | / | / | 21.32 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.51 | / | / | 24.63 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.02 | / | / | 25.14 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.74 | / | / | 24.86 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.97 | / | / | 25.09 | / | / | <=30 | Pass |
|                   | 3534.99 | Edge_1RB_Left   | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.27 | / | / | 21.39 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.59 | / | / | 24.71 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.19 | / | / | 25.31 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 25.09 | / | / | 25.21 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.78 | / | / | 24.90 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3465    | Edge_1RB_Left   | 21.46 | / | / | 21.58 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.93 | / | / | 21.05 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.91 | / | / | 24.03 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.08 | / | / | 25.20 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 25.03 | / | / | 25.15 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.52 | / | / | 24.64 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 21.18 | / | / | 21.30 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.39 | / | / | 21.51 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.97 | / | / | 24.09 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 24.99 | / | / | 25.11 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.74 | / | / | 24.86 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.89 | / | / | 25.01 | / | / | <=30 | Pass |
|                   | 3534.99 | Edge_1RB_Left   | 21.57 | / | / | 21.69 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.04 | / | / | 24.16 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.07 | / | / | 25.19 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.99 | / | / | 25.11 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.85 | / | / | 24.97 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3465    | Edge_1RB_Left   | 21.42 | / | / | 21.54 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.88 | / | / | 21.00 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.99 | / | / | 23.11 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.89 | / | / | 24.01 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.85 | / | / | 23.97 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.31 | / | / | 23.43 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 21.00 | / | / | 21.12 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.21 | / | / | 21.33 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.87 | / | / | 22.99 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.81 | / | / | 23.93 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.41 | / | / | 23.53 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.71 | / | / | 23.83 | / | / | <=30 | Pass |
|                   | 3534.99 | Edge_1RB_Left   | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.04 | / | / | 21.16 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.96 | / | / | 23.08 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.92 | / | / | 24.04 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.83 | / | / | 23.95 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.53 | / | / | 23.65 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3465    | Edge_1RB_Left   | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.08 | / | / | 21.20 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.46 | / | / | 22.58 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.54 | / | / | 22.66 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.57 | / | / | 22.69 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.04 | / | / | 22.16 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 22.40 | / | / | 22.52 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.42 | / | / | 22.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.15 | / | / | 22.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.44 | / | / | 22.56 | / | / | <=30 | Pass |
|                    | 3534.99 | Edge_1RB_Left   | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.22 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.49 | / | / | 22.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.67 | / | / | 22.79 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.60 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.25 | / | / | 22.37 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3465    | Edge_1RB_Left   | 20.47 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.07 | / | / | 20.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.37 | / | / | 20.49 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.48 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.54 | / | / | 20.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.01 | / | / | 20.13 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.11 | / | / | 20.23 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.51 | / | / | 20.63 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.39 | / | / | 20.51 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.13 | / | / | 20.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.40 | / | / | 20.52 | / | / | <=30 | Pass |
|                    | 3534.99 | Edge_1RB_Left   | 20.65 | / | / | 20.77 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.30 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.49 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.48 | / | / | 20.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.54 | / | / | 20.66 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.30 | / | / | 20.42 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3465    | Edge_1RB_Left   | 21.66 | / | / | 21.78 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.86 | / | / | 21.98 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.46 | / | / | 23.58 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.71 | / | / | 23.83 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.14 | / | / | 23.26 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.59 | / | / | 21.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.89 | / | / | 22.01 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.39 | / | / | 23.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.34 | / | / | 23.46 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.51 | / | / | 23.63 | / | / | <=30 | Pass |
|                    | 3534.99 | Edge_1RB_Left   | 21.73 | / | / | 21.85 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.51 | / | / | 21.63 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.98 | / | / | 22.10 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.77 | / | / | 23.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.72 | / | / | 23.84 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.40 | / | / | 23.52 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3465    | Edge_1RB_Left   | 21.50 | / | / | 21.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.07 | / | / | 21.19 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.01 | / | / | 22.13 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.03 | / | / | 23.15 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.96 | / | / | 23.08 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.41 | / | / | 22.53 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.11 | / | / | 21.23 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.41 | / | / | 21.53 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.87 | / | / | 21.99 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.90 | / | / | 23.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.64 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.78 | / | / | 22.90 | / | / | <=30 | Pass |
|                    | 3534.99 | Edge_1RB_Left   | 21.50 | / | / | 21.62 | / | / | <=30 | Pass |

|                 |         |                                          |       |   |   |       |   |   |      |      |  |
|-----------------|---------|------------------------------------------|-------|---|---|-------|---|---|------|------|--|
|                 |         | Edge_1RB_Right                           | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |  |
|                 |         | Outer_Full                               | 21.98 | / | / | 22.10 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 23.01 | / | / | 23.13 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 22.93 | / | / | 23.05 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 22.70 | / | / | 22.82 | / | / | <=30 | Pass |  |
| CP-OFDM 64 QAM  | 3465    | Edge_1RB_Left                            | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 21.04 | / | / | 21.16 | / | / | <=30 | Pass |  |
|                 |         | Outer_Full                               | 21.48 | / | / | 21.60 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 21.55 | / | / | 21.67 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 21.55 | / | / | 21.67 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 21.00 | / | / | 21.12 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 21.18 | / | / | 21.30 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 21.40 | / | / | 21.52 | / | / | <=30 | Pass |  |
|                 | 3500.01 | Outer_Full                               | 21.40 | / | / | 21.52 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 21.48 | / | / | 21.60 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 21.24 | / | / | 21.36 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 21.53 | / | / | 21.65 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |  |
|                 | 3534.99 | Outer_Full                               | 21.56 | / | / | 21.68 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 21.56 | / | / | 21.68 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 21.55 | / | / | 21.67 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 21.24 | / | / | 21.36 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 18.50 | / | / | 18.62 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 18.15 | / | / | 18.27 | / | / | <=30 | Pass |  |
| CP-OFDM 256 QAM | 3465    | Outer_Full                               | 18.52 | / | / | 18.64 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 18.55 | / | / | 18.67 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 18.54 | / | / | 18.66 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 18.01 | / | / | 18.13 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 18.22 | / | / | 18.34 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 18.53 | / | / | 18.65 | / | / | <=30 | Pass |  |
|                 | 3500.01 | Outer_Full                               | 18.48 | / | / | 18.60 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 18.43 | / | / | 18.55 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 18.15 | / | / | 18.27 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 18.41 | / | / | 18.53 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Left                            | 18.63 | / | / | 18.75 | / | / | <=30 | Pass |  |
|                 |         | Edge_1RB_Right                           | 18.28 | / | / | 18.40 | / | / | <=30 | Pass |  |
|                 | 3534.99 | Outer_Full                               | 18.59 | / | / | 18.71 | / | / | <=30 | Pass |  |
|                 |         | Inner_Full                               | 18.61 | / | / | 18.73 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Left                           | 18.67 | / | / | 18.79 | / | / | <=30 | Pass |  |
|                 |         | Inner_1RB_Right                          | 18.31 | / | / | 18.43 | / | / | <=30 | Pass |  |
|                 |         | Note1: Antenna Gain: Ant3: 0.12dBi;      |       |   |   |       |   |   |      |      |  |
|                 |         | Note2: EIRP=Conducted Power+Antenna Gain |       |   |   |       |   |   |      |      |  |

#### 1.1.4 30k\_SISO\_40MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 40MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3470.01         | Edge 1RB Left   | 21.44                | /    | /   | 21.56     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.05                | /    | /   | 21.17     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.49                | /    | /   | 24.61     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.16                | /    | /   | 25.28     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 25.05                | /    | /   | 25.17     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Inner 1RB Right | 24.65                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Left   | 20.93                | /    | /   | 21.05     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.45                | /    | /   | 21.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.48                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                     |                 |                 |                      |      |     |           |      |     |       |         |

|                   |         |                 |       |   |   |       |   |   |      |      |
|-------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                   |         | Inner_Full      | 25.08 | / | / | 25.20 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.52 | / | / | 24.64 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.92 | / | / | 25.04 | / | / | <=30 | Pass |
|                   | 3529.98 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.11 | / | / | 21.23 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.56 | / | / | 24.68 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.15 | / | / | 25.27 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.96 | / | / | 25.08 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.61 | / | / | 24.73 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK   | 3470.01 | Edge_1RB_Left   | 21.39 | / | / | 21.51 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.96 | / | / | 21.08 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.99 | / | / | 24.11 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.03 | / | / | 25.15 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.99 | / | / | 25.11 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.57 | / | / | 24.69 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 20.93 | / | / | 21.05 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 23.92 | / | / | 24.04 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 24.91 | / | / | 25.03 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.45 | / | / | 24.57 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.90 | / | / | 25.02 | / | / | <=30 | Pass |
|                   | 3529.98 | Edge_1RB_Left   | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.07 | / | / | 21.19 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 24.00 | / | / | 24.12 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 25.05 | / | / | 25.17 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 24.84 | / | / | 24.96 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 24.67 | / | / | 24.79 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 3470.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.97 | / | / | 21.09 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.88 | / | / | 23.00 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.88 | / | / | 24.00 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.74 | / | / | 23.86 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.33 | / | / | 23.45 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 20.90 | / | / | 21.02 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.79 | / | / | 22.91 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.82 | / | / | 23.94 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.28 | / | / | 23.40 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.60 | / | / | 23.72 | / | / | <=30 | Pass |
|                   | 3529.98 | Edge_1RB_Left   | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 20.90 | / | / | 21.02 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.88 | / | / | 23.00 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 23.92 | / | / | 24.04 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 23.67 | / | / | 23.79 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 23.34 | / | / | 23.46 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 3470.01 | Edge_1RB_Left   | 21.51 | / | / | 21.63 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.10 | / | / | 21.22 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.43 | / | / | 22.55 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.42 | / | / | 22.54 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.49 | / | / | 22.61 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.08 | / | / | 22.20 | / | / | <=30 | Pass |
|                   | 3500.01 | Edge_1RB_Left   | 21.05 | / | / | 21.17 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                   |         | Outer_Full      | 22.31 | / | / | 22.43 | / | / | <=30 | Pass |
|                   |         | Inner_Full      | 22.41 | / | / | 22.53 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Left  | 22.04 | / | / | 22.16 | / | / | <=30 | Pass |
|                   |         | Inner_1RB_Right | 22.31 | / | / | 22.43 | / | / | <=30 | Pass |
|                   | 3529.98 | Edge_1RB_Left   | 21.43 | / | / | 21.55 | / | / | <=30 | Pass |
|                   |         | Edge_1RB_Right  | 21.21 | / | / | 21.33 | / | / | <=30 | Pass |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer_Full      | 22.42 | / | / | 22.54 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.48 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.39 | / | / | 22.51 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.23 | / | / | 22.35 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3470.01 | Edge_1RB_Left   | 20.49 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.21 | / | / | 20.33 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.55 | / | / | 20.67 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.47 | / | / | 20.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.08 | / | / | 20.20 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.05 | / | / | 20.17 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.41 | / | / | 20.53 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.38 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 19.95 | / | / | 20.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.39 | / | / | 20.51 | / | / | <=30 | Pass |
|                    | 3529.98 | Edge_1RB_Left   | 20.46 | / | / | 20.58 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.12 | / | / | 20.24 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.49 | / | / | 20.61 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.52 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.35 | / | / | 20.47 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.12 | / | / | 20.24 | / | / | <=30 | Pass |
| CP-OFDM QPSK       | 3470.01 | Edge_1RB_Left   | 21.58 | / | / | 21.70 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.00 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.40 | / | / | 23.52 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.59 | / | / | 23.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.22 | / | / | 23.34 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.21 | / | / | 21.33 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.56 | / | / | 21.68 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.95 | / | / | 22.07 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.33 | / | / | 23.45 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.14 | / | / | 23.26 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.52 | / | / | 23.64 | / | / | <=30 | Pass |
|                    | 3529.98 | Edge_1RB_Left   | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.02 | / | / | 22.14 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.53 | / | / | 23.65 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.59 | / | / | 23.71 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.26 | / | / | 23.38 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM     | 3470.01 | Edge_1RB_Left   | 21.43 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.05 | / | / | 21.17 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.87 | / | / | 21.99 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.98 | / | / | 23.10 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.94 | / | / | 23.06 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.54 | / | / | 22.66 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.97 | / | / | 21.09 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 21.78 | / | / | 21.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.90 | / | / | 23.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.48 | / | / | 22.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.76 | / | / | 22.88 | / | / | <=30 | Pass |
|                    | 3529.98 | Edge_1RB_Left   | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.18 | / | / | 21.30 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.00 | / | / | 22.12 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.90 | / | / | 23.02 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.86 | / | / | 22.98 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.65 | / | / | 22.77 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM     | 3470.01 | Edge_1RB_Left   | 21.42 | / | / | 21.54 | / | / | <=30 | Pass |

|                                          |                 |                 |                 |       |   |       |       |   |      |      |      |
|------------------------------------------|-----------------|-----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|                                          |                 | Edge 1RB Right  | 21.11           | /     | / | 21.23 | /     | / | <=30 | Pass |      |
|                                          |                 | Outer Full      | 21.48           | /     | / | 21.60 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner Full      | 21.46           | /     | / | 21.58 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Left  | 21.47           | /     | / | 21.59 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Right | 21.12           | /     | / | 21.24 | /     | / | <=30 | Pass |      |
|                                          | 3500.01         | Edge 1RB Left   | 21.02           | /     | / | 21.14 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Right  | 21.44           | /     | / | 21.56 | /     | / | <=30 | Pass |      |
|                                          |                 | Outer Full      | 21.40           | /     | / | 21.52 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner Full      | 21.47           | /     | / | 21.59 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Left  | 21.04           | /     | / | 21.16 | /     | / | <=30 | Pass |      |
|                                          | 3529.98         | Inner 1RB Right | 21.47           | /     | / | 21.59 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Left   | 21.38           | /     | / | 21.50 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Right  | 21.12           | /     | / | 21.24 | /     | / | <=30 | Pass |      |
|                                          |                 | Outer Full      | 21.47           | /     | / | 21.59 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner Full      | 21.53           | /     | / | 21.65 | /     | / | <=30 | Pass |      |
|                                          | CP-OFDM 256 QAM |                 | Inner 1RB Left  | 21.37 | / | /     | 21.49 | / | /    | <=30 | Pass |
|                                          |                 |                 | Inner 1RB Right | 21.24 | / | /     | 21.36 | / | /    | <=30 | Pass |
|                                          |                 |                 | Edge 1RB Left   | 18.44 | / | /     | 18.56 | / | /    | <=30 | Pass |
|                                          |                 |                 | Edge 1RB Right  | 18.21 | / | /     | 18.33 | / | /    | <=30 | Pass |
|                                          |                 |                 | Outer Full      | 18.51 | / | /     | 18.63 | / | /    | <=30 | Pass |
| 3470.01                                  |                 | Inner Full      | 18.44           | /     | / | 18.56 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Left  | 18.53           | /     | / | 18.65 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Right | 18.18           | /     | / | 18.30 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Left   | 18.07           | /     | / | 18.19 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Right  | 18.41           | /     | / | 18.53 | /     | / | <=30 | Pass |      |
| 3500.01                                  |                 | Outer Full      | 18.40           | /     | / | 18.52 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner Full      | 18.48           | /     | / | 18.60 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Left  | 18.01           | /     | / | 18.13 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Right | 18.50           | /     | / | 18.62 | /     | / | <=30 | Pass |      |
|                                          |                 | Edge 1RB Left   | 18.42           | /     | / | 18.54 | /     | / | <=30 | Pass |      |
| 3529.98                                  |                 | Edge 1RB Right  | 18.17           | /     | / | 18.29 | /     | / | <=30 | Pass |      |
|                                          |                 | Outer Full      | 18.47           | /     | / | 18.59 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner Full      | 18.62           | /     | / | 18.74 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Left  | 18.54           | /     | / | 18.66 | /     | / | <=30 | Pass |      |
|                                          |                 | Inner 1RB Right | 18.17           | /     | / | 18.29 | /     | / | <=30 | Pass |      |
| Note1: Antenna Gain: Ant3: 0.12dBi;      |                 |                 |                 |       |   |       |       |   |      |      |      |
| Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                 |       |   |       |       |   |      |      |      |

### 1.1.5 30k\_SISO\_50MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 50MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3475.02         | Edge 1RB Left   | 21.59                | /    | /   | 21.71     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 21.43                | /    | /   | 21.55     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 24.48                | /    | /   | 24.60     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 25.10                | /    | /   | 25.22     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 25.18                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Right | 24.98                | /    | /   | 25.10     | /    | /   | <=30  | Pass    |
|                                      | 3500.01         | Edge 1RB Left   | 21.22                | /    | /   | 21.34     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 21.65                | /    | /   | 21.77     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 24.55                | /    | /   | 24.67     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner Full      | 25.17                | /    | /   | 25.29     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner 1RB Left  | 24.75                | /    | /   | 24.87     | /    | /   | <=30  | Pass    |
|                                      | 3525            | Inner 1RB Right | 25.10                | /    | /   | 25.22     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Left   | 21.61                | /    | /   | 21.73     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge 1RB Right  | 21.29                | /    | /   | 21.41     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer Full      | 24.59                | /    | /   | 24.71     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 25.30 | / | / | 25.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.05 | / | / | 25.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.79 | / | / | 24.91 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK    | 3475.02 | Edge_1RB_Left   | 21.59 | / | / | 21.71 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.07 | / | / | 24.19 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.02 | / | / | 25.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 25.14 | / | / | 25.26 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.95 | / | / | 25.07 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Right  | 21.59 | / | / | 21.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.03 | / | / | 24.15 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.13 | / | / | 25.25 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.72 | / | / | 24.84 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.06 | / | / | 25.18 | / | / | <=30 | Pass |
|                    | 3525    | Edge_1RB_Left   | 21.53 | / | / | 21.65 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 24.12 | / | / | 24.24 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.20 | / | / | 25.32 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.98 | / | / | 25.10 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3475.02 | Inner_1RB_Right | 24.81 | / | / | 24.93 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.47 | / | / | 21.59 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.98 | / | / | 23.10 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.89 | / | / | 24.01 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.92 | / | / | 24.04 | / | / | <=30 | Pass |
|                    | 3500.01 | Inner_1RB_Right | 23.68 | / | / | 23.80 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.12 | / | / | 21.24 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.56 | / | / | 21.68 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.91 | / | / | 23.03 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.02 | / | / | 24.14 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.51 | / | / | 23.63 | / | / | <=30 | Pass |
|                    | 3525    | Inner_1RB_Right | 23.83 | / | / | 23.95 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.36 | / | / | 21.48 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.06 | / | / | 21.18 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.01 | / | / | 23.13 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.06 | / | / | 24.18 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.80 | / | / | 23.92 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3475.02 | Inner_1RB_Right | 23.48 | / | / | 23.60 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.63 | / | / | 21.75 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.47 | / | / | 21.59 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.47 | / | / | 22.59 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.44 | / | / | 22.56 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.59 | / | / | 22.71 | / | / | <=30 | Pass |
|                    | 3500.01 | Inner_1RB_Right | 22.41 | / | / | 22.53 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.59 | / | / | 21.71 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.43 | / | / | 22.55 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.47 | / | / | 22.59 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.17 | / | / | 22.29 | / | / | <=30 | Pass |
|                    | 3525    | Inner_1RB_Right | 22.54 | / | / | 22.66 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 21.50 | / | / | 21.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.51 | / | / | 22.63 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.64 | / | / | 22.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.49 | / | / | 22.61 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3475.02 | Inner_1RB_Right | 22.23 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Left   | 20.59 | / | / | 20.71 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.42 | / | / | 20.54 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                |         | Outer_Full      | 20.55 | / | / | 20.67 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.42 | / | / | 20.54 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.63 | / | / | 20.75 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.46 | / | / | 20.58 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 20.28 | / | / | 20.40 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.65 | / | / | 20.77 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.54 | / | / | 20.66 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.57 | / | / | 20.69 | / | / | <=30 | Pass |
|                | 3525    | Inner_1RB_Left  | 20.20 | / | / | 20.32 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.67 | / | / | 20.79 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 20.58 | / | / | 20.70 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.27 | / | / | 20.39 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3475.02 | Outer_Full      | 20.56 | / | / | 20.68 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.55 | / | / | 20.67 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.45 | / | / | 20.57 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 21.71 | / | / | 21.83 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.66 | / | / | 21.78 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.02 | / | / | 22.14 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.43 | / | / | 23.55 | / | / | <=30 | Pass |
|                | 3525    | Inner_1RB_Left  | 23.79 | / | / | 23.91 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.61 | / | / | 23.73 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.76 | / | / | 21.88 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3475.02 | Outer_Full      | 22.05 | / | / | 22.17 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.56 | / | / | 23.68 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.41 | / | / | 23.53 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.78 | / | / | 23.90 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 21.69 | / | / | 21.81 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.43 | / | / | 21.55 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.05 | / | / | 22.17 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.54 | / | / | 23.66 | / | / | <=30 | Pass |
|                | 3525    | Inner_1RB_Left  | 23.63 | / | / | 23.75 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.47 | / | / | 23.59 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3475.02 | Edge_1RB_Left   | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.44 | / | / | 21.56 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 22.00 | / | / | 22.12 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.95 | / | / | 23.07 | / | / | <=30 | Pass |
|                | 3500.01 | Inner_1RB_Left  | 23.03 | / | / | 23.15 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.86 | / | / | 22.98 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.15 | / | / | 21.27 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                | 3525    | Outer_Full      | 21.97 | / | / | 22.09 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.10 | / | / | 23.22 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3475.02 | Inner_1RB_Left  | 22.65 | / | / | 22.77 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.02 | / | / | 23.14 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Left   | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                | 3500.01 | Outer_Full      | 21.99 | / | / | 22.11 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.11 | / | / | 23.23 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.91 | / | / | 23.03 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.69 | / | / | 22.81 | / | / | <=30 | Pass |
|                | 3475.02 | Edge_1RB_Left   | 21.49 | / | / | 21.61 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                | 3500.01 | Outer_Full      | 21.56 | / | / | 21.68 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.53 | / | / | 21.65 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.59 | / | / | 21.71 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                | 3525    | Edge_1RB_Left   | 21.19 | / | / | 21.31 | / | / | <=30 | Pass |

|            |                 |                 |       |   |       |       |   |      |      |      |
|------------|-----------------|-----------------|-------|---|-------|-------|---|------|------|------|
|            |                 | Edge_1RB_Right  | 21.53 | / | /     | 21.65 | / | /    | <=30 | Pass |
|            |                 | Outer_Full      | 21.43 | / | /     | 21.55 | / | /    | <=30 | Pass |
|            |                 | Inner_Full      | 21.64 | / | /     | 21.76 | / | /    | <=30 | Pass |
|            |                 | Inner_1RB_Left  | 21.20 | / | /     | 21.32 | / | /    | <=30 | Pass |
|            |                 | Inner_1RB_Right | 21.58 | / | /     | 21.70 | / | /    | <=30 | Pass |
|            |                 | Edge_1RB_Left   | 21.43 | / | /     | 21.55 | / | /    | <=30 | Pass |
|            |                 | Edge_1RB_Right  | 21.33 | / | /     | 21.45 | / | /    | <=30 | Pass |
|            |                 | Outer_Full      | 21.55 | / | /     | 21.67 | / | /    | <=30 | Pass |
|            |                 | Inner_Full      | 21.64 | / | /     | 21.76 | / | /    | <=30 | Pass |
|            |                 | Inner_1RB_Left  | 21.52 | / | /     | 21.64 | / | /    | <=30 | Pass |
|            | Inner_1RB_Right | 21.24           | /     | / | 21.36 | /     | / | <=30 | Pass |      |
|            | 3525            | Edge_1RB_Left   | 18.64 | / | /     | 18.76 | / | /    | <=30 | Pass |
|            |                 | Edge_1RB_Right  | 18.63 | / | /     | 18.75 | / | /    | <=30 | Pass |
|            |                 | Outer_Full      | 18.57 | / | /     | 18.69 | / | /    | <=30 | Pass |
| Inner_Full |                 | 18.52           | /     | / | 18.64 | /     | / | <=30 | Pass |      |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 256 QAM | 3475.02 | Edge_1RB_Left   | 18.64 | / | / | 18.76 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 18.63 | / | / | 18.75 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 18.57 | / | / | 18.69 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 18.52 | / | / | 18.64 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 18.67 | / | / | 18.79 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 18.51 | / | / | 18.63 | / | / | <=30 | Pass |
|                 | 3500.01 | Edge_1RB_Left   | 18.37 | / | / | 18.49 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 18.75 | / | / | 18.87 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 18.51 | / | / | 18.63 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 18.64 | / | / | 18.76 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 18.28 | / | / | 18.40 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 18.76 | / | / | 18.88 | / | / | <=30 | Pass |
|                 | 3525    | Edge_1RB_Left   | 18.64 | / | / | 18.76 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 18.31 | / | / | 18.43 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 18.58 | / | / | 18.70 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 18.65 | / | / | 18.77 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 18.69 | / | / | 18.81 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 18.30 | / | / | 18.42 | / | / | <=30 | Pass |

|                                          |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Note1: Antenna Gain: Ant3: 0.12dBi;      |  |  |  |  |  |  |  |  |  |  |
| Note2: EIRP=Conducted Power+Antenna Gain |  |  |  |  |  |  |  |  |  |  |

### 1.1.6 30k\_SISO\_60MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 60MHz NTNv |                 |                 |                      |      |     |           |      |     |       |         |
|--------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                           | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                      |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                 | 3480            | Edge_1RB_Left   | 21.42                | /    | /   | 21.54     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 21.40                | /    | /   | 21.52     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 24.46                | /    | /   | 24.58     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 24.82                | /    | /   | 24.94     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 25.04                | /    | /   | 25.16     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 25.05                | /    | /   | 25.17     | /    | /   | <=30  | Pass    |
|                                      | 3500.01         | Edge_1RB_Left   | 21.21                | /    | /   | 21.33     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 21.40                | /    | /   | 21.52     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 24.38                | /    | /   | 24.50     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 24.87                | /    | /   | 24.99     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 24.81                | /    | /   | 24.93     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 24.92                | /    | /   | 25.04     | /    | /   | <=30  | Pass    |
|                                      | 3519.99         | Edge_1RB_Left   | 21.16                | /    | /   | 21.28     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 21.12                | /    | /   | 21.24     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 24.53                | /    | /   | 24.65     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_Full      | 24.93                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Left  | 24.76                | /    | /   | 24.88     | /    | /   | <=30  | Pass    |
|                                      |                 | Inner_1RB_Right | 24.72                | /    | /   | 24.84     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                      | 3480            | Edge_1RB_Left   | 21.35                | /    | /   | 21.47     | /    | /   | <=30  | Pass    |
|                                      |                 | Edge_1RB_Right  | 21.41                | /    | /   | 21.53     | /    | /   | <=30  | Pass    |
|                                      |                 | Outer_Full      | 23.89                | /    | /   | 24.01     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 24.66 | / | / | 24.78 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.92 | / | / | 25.04 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.88 | / | / | 25.00 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.24 | / | / | 21.36 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.41 | / | / | 21.53 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.88 | / | / | 24.00 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.78 | / | / | 24.90 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.75 | / | / | 24.87 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 25.02 | / | / | 25.14 | / | / | <=30 | Pass |
|                    | 3519.99 | Edge_1RB_Left   | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.10 | / | / | 21.22 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.97 | / | / | 24.09 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 24.88 | / | / | 25.00 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.68 | / | / | 24.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.72 | / | / | 24.84 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3480    | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.22 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.87 | / | / | 22.99 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.57 | / | / | 23.69 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.74 | / | / | 23.86 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.63 | / | / | 23.75 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.02 | / | / | 21.14 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.78 | / | / | 22.90 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.68 | / | / | 23.80 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.52 | / | / | 23.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.73 | / | / | 23.85 | / | / | <=30 | Pass |
|                    | 3519.99 | Edge_1RB_Left   | 20.99 | / | / | 21.11 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.04 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.71 | / | / | 22.83 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.95 | / | / | 24.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.48 | / | / | 23.60 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.39 | / | / | 23.51 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3480    | Edge_1RB_Left   | 21.45 | / | / | 21.57 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.21 | / | / | 22.33 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.12 | / | / | 22.24 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.45 | / | / | 22.57 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.31 | / | / | 22.43 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.55 | / | / | 21.67 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.22 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.27 | / | / | 22.39 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.23 | / | / | 22.35 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.43 | / | / | 22.55 | / | / | <=30 | Pass |
|                    | 3519.99 | Edge_1RB_Left   | 21.11 | / | / | 21.23 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.11 | / | / | 21.23 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.26 | / | / | 22.38 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.41 | / | / | 22.53 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.16 | / | / | 22.28 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.21 | / | / | 22.33 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3480    | Edge_1RB_Left   | 20.32 | / | / | 20.44 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.38 | / | / | 20.50 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.31 | / | / | 20.43 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.15 | / | / | 20.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.35 | / | / | 20.47 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.17 | / | / | 20.29 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.40 | / | / | 20.52 | / | / | <=30 | Pass |

|                |         |                 |       |   |   |       |   |   |      |      |
|----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                |         | Outer_Full      | 20.53 | / | / | 20.65 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.32 | / | / | 20.44 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.18 | / | / | 20.30 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.42 | / | / | 20.54 | / | / | <=30 | Pass |
|                | 3519.99 | Edge_1RB_Left   | 20.21 | / | / | 20.33 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 20.16 | / | / | 20.28 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 20.47 | / | / | 20.59 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.46 | / | / | 20.58 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 20.11 | / | / | 20.23 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 20.10 | / | / | 20.22 | / | / | <=30 | Pass |
| CP-OFDM QPSK   | 3480    | Edge_1RB_Left   | 21.51 | / | / | 21.63 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.55 | / | / | 21.67 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.77 | / | / | 21.89 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.21 | / | / | 23.33 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.52 | / | / | 23.64 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.60 | / | / | 23.72 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 21.41 | / | / | 21.53 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.77 | / | / | 21.89 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.20 | / | / | 23.32 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.48 | / | / | 23.60 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.56 | / | / | 23.68 | / | / | <=30 | Pass |
|                | 3519.99 | Edge_1RB_Left   | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.83 | / | / | 21.95 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 23.30 | / | / | 23.42 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 23.26 | / | / | 23.38 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 23.28 | / | / | 23.40 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 3480    | Edge_1RB_Left   | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.82 | / | / | 21.94 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.80 | / | / | 22.92 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.92 | / | / | 23.04 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.88 | / | / | 23.00 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.38 | / | / | 21.50 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.65 | / | / | 21.77 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.66 | / | / | 22.78 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.68 | / | / | 22.80 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.90 | / | / | 23.02 | / | / | <=30 | Pass |
|                | 3519.99 | Edge_1RB_Left   | 21.06 | / | / | 21.18 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.09 | / | / | 21.21 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.92 | / | / | 22.04 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 22.90 | / | / | 23.02 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 22.54 | / | / | 22.66 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 22.64 | / | / | 22.76 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 3480    | Edge_1RB_Left   | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.32 | / | / | 21.44 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 20.96 | / | / | 21.08 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                | 3500.01 | Edge_1RB_Left   | 21.14 | / | / | 21.26 | / | / | <=30 | Pass |
|                |         | Edge_1RB_Right  | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                |         | Outer_Full      | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |
|                |         | Inner_Full      | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Left  | 21.19 | / | / | 21.31 | / | / | <=30 | Pass |
|                |         | Inner_1RB_Right | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                | 3519.99 | Edge_1RB_Left   | 21.01 | / | / | 21.13 | / | / | <=30 | Pass |

|                                                                                 |         |                 |       |   |       |       |   |      |      |      |
|---------------------------------------------------------------------------------|---------|-----------------|-------|---|-------|-------|---|------|------|------|
|                                                                                 |         | Edge 1RB Right  | 21.08 | / | /     | 21.20 | / | /    | <=30 | Pass |
|                                                                                 |         | Outer Full      | 21.36 | / | /     | 21.48 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner Full      | 21.48 | / | /     | 21.60 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Left  | 21.03 | / | /     | 21.15 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Right | 21.12 | / | /     | 21.24 | / | /    | <=30 | Pass |
| CP-OFDM 256 QAM                                                                 | 3480    | Edge 1RB Left   | 18.54 | / | /     | 18.66 | / | /    | <=30 | Pass |
|                                                                                 |         | Edge 1RB Right  | 18.48 | / | /     | 18.60 | / | /    | <=30 | Pass |
|                                                                                 |         | Outer Full      | 18.38 | / | /     | 18.50 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner Full      | 18.12 | / | /     | 18.24 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Left  | 18.61 | / | /     | 18.73 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Right | 18.51 | / | /     | 18.63 | / | /    | <=30 | Pass |
|                                                                                 | 3500.01 | Edge 1RB Left   | 18.33 | / | /     | 18.45 | / | /    | <=30 | Pass |
|                                                                                 |         | Edge 1RB Right  | 18.46 | / | /     | 18.58 | / | /    | <=30 | Pass |
|                                                                                 |         | Outer Full      | 18.37 | / | /     | 18.49 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner Full      | 18.40 | / | /     | 18.52 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Left  | 18.33 | / | /     | 18.45 | / | /    | <=30 | Pass |
|                                                                                 |         | Inner 1RB Right | 18.47 | / | /     | 18.59 | / | /    | <=30 | Pass |
|                                                                                 | 3519.99 | Edge 1RB Left   | 18.15 | / | /     | 18.27 | / | /    | <=30 | Pass |
|                                                                                 |         | Edge 1RB Right  | 18.18 | / | /     | 18.30 | / | /    | <=30 | Pass |
|                                                                                 |         | Outer Full      | 18.39 | / | /     | 18.51 | / | /    | <=30 | Pass |
| Inner Full                                                                      |         | 18.47           | /     | / | 18.59 | /     | / | <=30 | Pass |      |
| Inner 1RB Left                                                                  |         | 18.22           | /     | / | 18.34 | /     | / | <=30 | Pass |      |
|                                                                                 |         | Inner 1RB Right | 18.18 | / | /     | 18.30 | / | /    | <=30 | Pass |
| Note1: Antenna Gain: Ant3: 0.12dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |       |       |   |      |      |      |

### 1.1.7 30k\_SISO\_70MHz\_NTNV\_EIRP

| 5G NR n77d SCS=30kHz SISO 70MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|-------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                     |                 |                 | Ant3                 | Ant2 | Sum | Ant3      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM PI/2 BPSK                | 3485.01         | Edge 1RB Left   | 21.42                | /    | /   | 21.54     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.41                | /    | /   | 21.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.37                | /    | /   | 24.49     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.85                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.97                | /    | /   | 25.09     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.94                | /    | /   | 25.06     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge 1RB Left   | 21.47                | /    | /   | 21.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.41                | /    | /   | 21.53     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.47                | /    | /   | 24.59     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.96                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.96                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.96                | /    | /   | 25.08     | /    | /   | <=30  | Pass    |
|                                     | 3514.98         | Edge 1RB Left   | 21.08                | /    | /   | 21.20     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.26                | /    | /   | 21.38     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 24.46                | /    | /   | 24.58     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 25.18                | /    | /   | 25.30     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.65                | /    | /   | 24.77     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.85                | /    | /   | 24.97     | /    | /   | <=30  | Pass    |
| DFT-s-OFDM QPSK                     | 3485.01         | Edge 1RB Left   | 21.43                | /    | /   | 21.55     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.28                | /    | /   | 21.40     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 23.81                | /    | /   | 23.93     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner Full      | 24.75                | /    | /   | 24.87     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Left  | 24.99                | /    | /   | 25.11     | /    | /   | <=30  | Pass    |
|                                     |                 | Inner 1RB Right | 24.93                | /    | /   | 25.05     | /    | /   | <=30  | Pass    |
|                                     | 3500.01         | Edge 1RB Left   | 21.35                | /    | /   | 21.47     | /    | /   | <=30  | Pass    |
|                                     |                 | Edge 1RB Right  | 21.45                | /    | /   | 21.57     | /    | /   | <=30  | Pass    |
|                                     |                 | Outer Full      | 23.92                | /    | /   | 24.04     | /    | /   | <=30  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner_Full      | 24.94 | / | / | 25.06 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.97 | / | / | 25.09 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.93 | / | / | 25.05 | / | / | <=30 | Pass |
|                    | 3514.98 | Edge_1RB_Left   | 21.04 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.22 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 23.97 | / | / | 24.09 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 25.15 | / | / | 25.27 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 24.61 | / | / | 24.73 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 24.79 | / | / | 24.91 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM  | 3485.01 | Edge_1RB_Left   | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.28 | / | / | 21.40 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.82 | / | / | 22.94 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.64 | / | / | 23.76 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.76 | / | / | 23.88 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.75 | / | / | 23.87 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.22 | / | / | 21.34 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.86 | / | / | 22.98 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.77 | / | / | 23.89 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.81 | / | / | 23.93 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.74 | / | / | 23.86 | / | / | <=30 | Pass |
|                    | 3514.98 | Edge_1RB_Left   | 20.91 | / | / | 21.03 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.13 | / | / | 21.25 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.97 | / | / | 23.09 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 23.95 | / | / | 24.07 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 23.43 | / | / | 23.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 23.59 | / | / | 23.71 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM  | 3485.01 | Edge_1RB_Left   | 21.43 | / | / | 21.55 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.34 | / | / | 21.46 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.38 | / | / | 22.50 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.22 | / | / | 22.34 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.43 | / | / | 22.55 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.38 | / | / | 22.50 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.35 | / | / | 22.47 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.30 | / | / | 22.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.42 | / | / | 22.54 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.33 | / | / | 22.45 | / | / | <=30 | Pass |
|                    | 3514.98 | Edge_1RB_Left   | 21.04 | / | / | 21.16 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 21.25 | / | / | 21.37 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 22.42 | / | / | 22.54 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 22.60 | / | / | 22.72 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 22.05 | / | / | 22.17 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 22.29 | / | / | 22.41 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 3485.01 | Edge_1RB_Left   | 20.52 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.30 | / | / | 20.42 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.58 | / | / | 20.70 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.50 | / | / | 20.62 | / | / | <=30 | Pass |
|                    | 3500.01 | Edge_1RB_Left   | 20.50 | / | / | 20.62 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.60 | / | / | 20.72 | / | / | <=30 | Pass |
|                    |         | Outer_Full      | 20.43 | / | / | 20.55 | / | / | <=30 | Pass |
|                    |         | Inner_Full      | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Left  | 20.52 | / | / | 20.64 | / | / | <=30 | Pass |
|                    |         | Inner_1RB_Right | 20.48 | / | / | 20.60 | / | / | <=30 | Pass |
|                    | 3514.98 | Edge_1RB_Left   | 20.14 | / | / | 20.26 | / | / | <=30 | Pass |
|                    |         | Edge_1RB_Right  | 20.24 | / | / | 20.36 | / | / | <=30 | Pass |

|                 |         |                 |       |   |   |       |   |   |      |      |
|-----------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                 |         | Outer_Full      | 20.45 | / | / | 20.57 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 20.70 | / | / | 20.82 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 20.11 | / | / | 20.23 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 20.29 | / | / | 20.41 | / | / | <=30 | Pass |
| CP-OFDM QPSK    | 3485.01 | Edge_1RB_Left   | 21.64 | / | / | 21.76 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.50 | / | / | 21.62 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.80 | / | / | 21.92 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.23 | / | / | 23.35 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.72 | / | / | 23.84 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.55 | / | / | 23.67 | / | / | <=30 | Pass |
|                 | 3500.01 | Edge_1RB_Left   | 21.54 | / | / | 21.66 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.60 | / | / | 21.72 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.97 | / | / | 22.09 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.41 | / | / | 23.53 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.55 | / | / | 23.67 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.50 | / | / | 23.62 | / | / | <=30 | Pass |
|                 | 3514.98 | Edge_1RB_Left   | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.97 | / | / | 22.09 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.56 | / | / | 23.68 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 23.31 | / | / | 23.43 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 23.42 | / | / | 23.54 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM  | 3485.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.22 | / | / | 21.34 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.89 | / | / | 22.01 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.81 | / | / | 22.93 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.81 | / | / | 22.93 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.77 | / | / | 22.89 | / | / | <=30 | Pass |
|                 | 3500.01 | Edge_1RB_Left   | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.34 | / | / | 21.46 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.81 | / | / | 21.93 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 22.86 | / | / | 22.98 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.76 | / | / | 22.88 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.74 | / | / | 22.86 | / | / | <=30 | Pass |
|                 | 3514.98 | Edge_1RB_Left   | 21.05 | / | / | 21.17 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.23 | / | / | 21.35 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.94 | / | / | 22.06 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 23.13 | / | / | 23.25 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 22.55 | / | / | 22.67 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 22.73 | / | / | 22.85 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM  | 3485.01 | Edge_1RB_Left   | 21.35 | / | / | 21.47 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.26 | / | / | 21.38 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.51 | / | / | 21.63 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.40 | / | / | 21.52 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.33 | / | / | 21.45 | / | / | <=30 | Pass |
|                 | 3500.01 | Edge_1RB_Left   | 21.37 | / | / | 21.49 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.27 | / | / | 21.39 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.41 | / | / | 21.53 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.31 | / | / | 21.43 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.41 | / | / | 21.53 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                 | 3514.98 | Edge_1RB_Left   | 21.02 | / | / | 21.14 | / | / | <=30 | Pass |
|                 |         | Edge_1RB_Right  | 21.29 | / | / | 21.41 | / | / | <=30 | Pass |
|                 |         | Outer_Full      | 21.65 | / | / | 21.77 | / | / | <=30 | Pass |
|                 |         | Inner_Full      | 21.71 | / | / | 21.83 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Left  | 21.02 | / | / | 21.14 | / | / | <=30 | Pass |
|                 |         | Inner_1RB_Right | 21.30 | / | / | 21.42 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 3485.01 | Edge_1RB_Left   | 18.55 | / | / | 18.67 | / | / | <=30 | Pass |