

















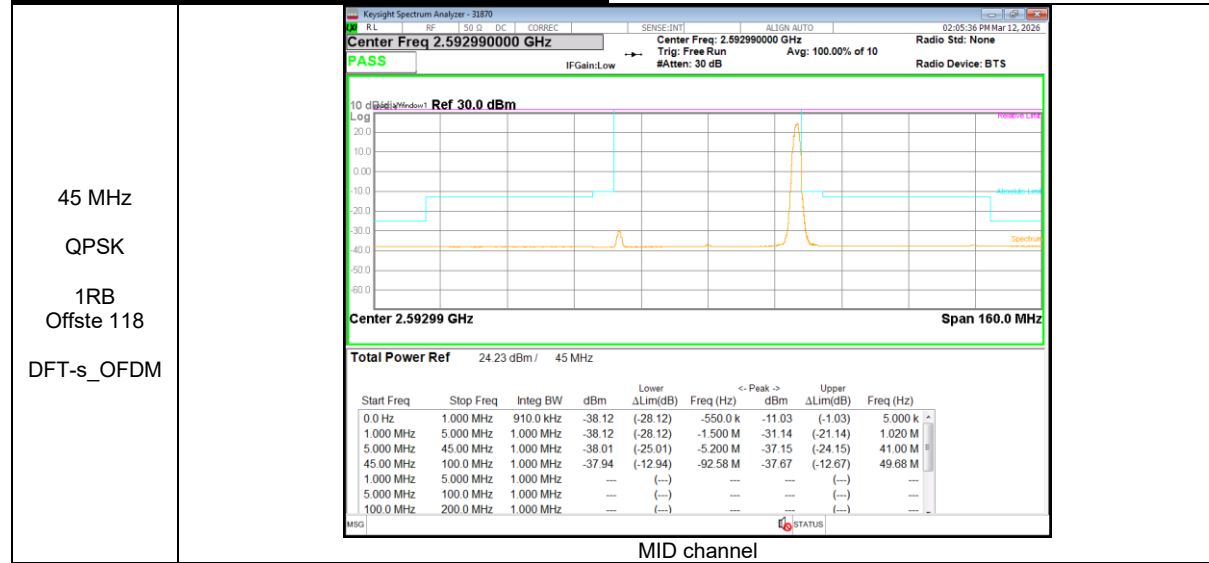








NR Band n41 (PC2) 1 RB (Worst Case) (ANT B)



## 8.5. CONDUCTED SPURIOUS EMISSIONS

### RULE PART(S)

FCC: §27.53

### LIMITS

§27.53:

(h) The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  dB.

(m) (4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log(P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log(P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log(P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log(P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log(P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### TEST PROCEDURE

Per KDB 971168 D01 Power Meas License Digital Systems v03r01

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold Mode using a peak detector to ensure that the worst-case emissions were caught.

- a) Set the RBW = 100 kHz for emission below 1 GHz and 1 MHz for emissions above 1 GHz  
(Tests were performed 1MHz [Worst case], to sweep 1 time for all frequency range)
- b) Set VBW  $\geq 3 \times$  RBW;
- c) Set span  $\geq 1.5$  times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points = Max (40001);
- g) Trace Mode = average;

### NOTE1

LTE: It was tested at 1RB QPSK as worst case (the highest output power and density).

5G NR: All Waveforms (CP-OFDM vs DFT-s\_OFDM) and modulations ( $\pi/2$  BPSK, QPSK, 16QAM, 64QAM, 256QAM) were investigated to determine the worst case configuration. All Modes of operation were investigated and the worst case configuration results are reported in this section.

### NOTE2

Please refer to section 5.4 for bandwidth and RB setting about LTE, 5G NR bands.

### RESULTS

See the following pages.

## 8.5.1. OUT OF BAND EMISSIONS RESULT

### LTE Band 41(PC2) (ANT F)

20 MHz QPSK



NR Band n41 (PC3) (ANT B)

45 MHz QPSK DFT-s\_OFDM



## **8.6. FREQUENCY STABILITY**

### **RULE PART(S)**

FCC: §2.1055, §27.54

### **LIMITS**

Part 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

### **TEST PROCEDURE**

Per KDB 971168 D01 Power Meas License Digital Systems v03r01

### **NOTE**

Test were performed each lowest or highest frequency on the modulation condition of more wide bandwidth.(Please refer to OBW results)

### **RESULTS**

See the following pages.

### 8.6.1. FREQUENCY STABILITY RESULT

#### LTE Band 41 (PC2, Lowest Frequency: QPSK / Highest Frequency: QPSK)

|               |            |
|---------------|------------|
| Test Date     | 2026-04-27 |
| Test Engineer | 31870      |

| Limit          |           | 2496               | 2690                | Delta (Hz) | Frequency Stability (ppm) |
|----------------|-----------|--------------------|---------------------|------------|---------------------------|
| Condition      |           | F low @ End of OBW | F high @ End of OBW |            |                           |
| Temperature    | Voltage   | (MHz)              | (MHz)               |            |                           |
| Normal (20C)   | Normal    | 2496.2601          | 2689.7445           |            |                           |
| Extreme (50C)  |           | 2496.2601          | 2689.7445           | 21.2       | 0.008                     |
| Extreme (40C)  |           | 2496.2601          | 2689.7445           | 18.5       | 0.007                     |
| Extreme (30C)  |           | 2496.2601          | 2689.7445           | 16.3       | 0.006                     |
| Extreme (10C)  |           | 2496.2601          | 2689.7445           | 15.5       | 0.006                     |
| Extreme (0C)   |           | 2496.2601          | 2689.7445           | 12.3       | 0.005                     |
| Extreme (-10C) |           | 2496.2601          | 2689.7445           | 11.1       | 0.004                     |
| Extreme (-20C) |           | 2496.2601          | 2689.7445           | 10.8       | 0.004                     |
| Extreme (-30C) |           | 2496.2601          | 2689.7445           | 9.5        | 0.004                     |
|                |           |                    |                     |            |                           |
| 20C            | 15%       | 2496.2601          | 2689.7445           | 23.1       | 0.009                     |
|                | -15%      | 2496.2601          | 2689.7445           | 13.5       | 0.005                     |
|                | End Point | 2496.2601          | 2689.7445           | 12.1       | 0.005                     |

#### NR Band n41 (PC3, Lowest Frequency: QPSK / Highest Frequency: 16QAM)

|               |            |
|---------------|------------|
| Test Date     | 2026-04-29 |
| Test Engineer | 31870      |

| Normal (20C)   |           | 2496               | 2690                | Delta (Hz) | Frequency Stability (ppm) |
|----------------|-----------|--------------------|---------------------|------------|---------------------------|
| Condition      |           | F low @ End of OBW | F high @ End of OBW |            |                           |
| Temperature    | Voltage   | (MHz)              | (MHz)               |            |                           |
| Normal (20C)   | Normal    | 2496.7013          | 2689.3081           |            |                           |
| Extreme (50C)  |           | 2496.7013          | 2689.3081           | 26.9       | 0.010                     |
| Extreme (40C)  |           | 2496.7013          | 2689.3081           | 25.1       | 0.010                     |
| Extreme (30C)  |           | 2496.7013          | 2689.3081           | 23.3       | 0.009                     |
| Extreme (10C)  |           | 2496.7013          | 2689.3081           | 21.5       | 0.008                     |
| Extreme (0C)   |           | 2496.7013          | 2689.3081           | 18.4       | 0.007                     |
| Extreme (-10C) |           | 2496.7013          | 2689.3081           | 15.9       | 0.006                     |
| Extreme (-20C) |           | 2496.7013          | 2689.3081           | 14.3       | 0.006                     |
| Extreme (-30C) |           | 2496.7013          | 2689.3081           | 11.5       | 0.004                     |
|                |           |                    |                     |            |                           |
| 20C            | 15%       | 2496.7013          | 2689.3081           | 23.3       | 0.009                     |
|                | -15%      | 2496.7013          | 2689.3081           | 15.4       | 0.006                     |
|                | End Point | 2496.7013          | 2689.3081           | 13.3       | 0.005                     |

## 9. RADIATED RESULTS

### 9.1. RADIATED POWER (EIRP)

#### RULE PART(S)

FCC: §2.1046, §27.50

#### LIMITS

§27.50:

(h) The following power limits shall apply in the BRS and EBS:

(2) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

## **TEST PROCEDURE**

ANSI / TIA / EIA 603 E Clause 2.2.17; ESU40 setting reference to 971168 D01 v03r01

For radiated output power measurement with a ESU40:

- a) Set the RBW  $\geq 1\%$  to  $5\%$  of the OBW;
- b) Set VBW  $\geq 3 \times$  RBW;
- c) Set span  $\geq 2 \times$  to  $3 \times$  the OBW.;
- d) Sweep time = auto couple or Set  $\geq [10 \times (\text{number of points in sweep}) \times (\text{transmission period})]$  for single sweep (automation-compatible) measurement. Transmission period is the on and off time of the transmitter.;
- e) Detector = rms;
- f) Ensure that the number of measurement points  $\geq 2 \times \text{span/RBW}$ ;
- g) Trace mode = average;
- h) If the EUT can be configured to transmit continuously, then set the trigger to free run.
- i) If the EUT cannot be configured to transmit continuously, then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Verify that the sweep time is less than or equal to the transmission burst duration. Time gating can also be used under similar constraints (i.e., configured such that measurement data is collected only during active full-power transmissions).
- j) Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over multiple symbols, it can be necessary to increase the number of traces to be averaged above 100 or, if using a manually configured sweep time, increase the sweep time.
- k) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band or channel power measurement function, with the band/channel limits set equal to the OBW band edges. If the instrument does not have a band or channel power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

### **NOTE1**

LTE, 5G NR: The OBW value corresponding to the total channel bandwidth is the OBW of Full RB. Measurements were made with a 1RB configuration (worst-case) across the entire channel bandwidth, and FRB configurations were reported for the widest BW.

## **TEST RESULTS**

See the following pages.

## 9.1.1. EIRP RESULT

### LTE Band 41 (PC2) (ANT B)

| BW (MHz) | Modulation | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) | RB     |
|----------|------------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|--------|
| 20       | QPSK       | 2506.00         | 21.13            | H               | 5.21            | 10.04              | 25.96      | 0.394    | 33.00       | -7.04      | 1 / 0  |
|          |            | 2593.00         | 21.66            | H               | 5.30            | 9.90               | 26.26      | 0.423    | 33.00       | -6.74      | 1 / 0  |
|          |            | 2680.00         | 20.93            | H               | 5.39            | 9.88               | 25.42      | 0.348    | 33.00       | -7.58      | 1 / 0  |
|          | 16-QAM     | 2506.00         | 20.72            | H               | 5.21            | 10.04              | 25.55      | 0.359    | 33.00       | -7.45      | 1 / 0  |
|          |            | 2593.00         | 20.71            | H               | 5.30            | 9.90               | 25.31      | 0.340    | 33.00       | -7.69      | 1 / 49 |
|          |            | 2680.00         | 20.01            | H               | 5.39            | 9.88               | 24.50      | 0.282    | 33.00       | -8.50      | 1 / 0  |
| 15       | QPSK       | 2503.50         | 20.95            | H               | 5.21            | 10.05              | 25.79      | 0.379    | 33.00       | -7.21      | 1 / 37 |
|          |            | 2593.00         | 21.76            | H               | 5.30            | 9.90               | 26.36      | 0.433    | 33.00       | -6.64      | 1 / 37 |
|          |            | 2682.50         | 20.75            | H               | 5.39            | 9.88               | 25.24      | 0.334    | 33.00       | -7.76      | 1 / 0  |
|          | 16-QAM     | 2503.50         | 20.98            | H               | 5.21            | 10.05              | 25.82      | 0.382    | 33.00       | -7.18      | 1 / 37 |
|          |            | 2593.00         | 20.61            | H               | 5.30            | 9.90               | 25.21      | 0.332    | 33.00       | -7.79      | 1 / 37 |
|          |            | 2682.50         | 19.76            | H               | 5.39            | 9.88               | 24.25      | 0.266    | 33.00       | -8.75      | 1 / 37 |
| 10       | QPSK       | 2501.00         | 20.97            | H               | 5.21            | 10.05              | 25.81      | 0.381    | 33.00       | -7.19      | 1 / 0  |
|          |            | 2593.00         | 21.68            | H               | 5.30            | 9.90               | 26.28      | 0.425    | 33.00       | -6.72      | 1 / 0  |
|          |            | 2685.00         | 20.71            | H               | 5.39            | 9.89               | 25.21      | 0.332    | 33.00       | -7.79      | 1 / 0  |
|          | 16-QAM     | 2501.00         | 20.87            | H               | 5.21            | 10.05              | 25.71      | 0.372    | 33.00       | -7.29      | 1 / 0  |
|          |            | 2593.00         | 20.71            | H               | 5.30            | 9.90               | 25.31      | 0.340    | 33.00       | -7.69      | 1 / 0  |
|          |            | 2685.00         | 20.05            | H               | 5.39            | 9.89               | 24.55      | 0.285    | 33.00       | -8.45      | 1 / 49 |
| 5        | QPSK       | 2498.50         | 21.12            | H               | 5.21            | 10.06              | 25.97      | 0.395    | 33.00       | -7.03      | 1 / 0  |
|          |            | 2593.00         | 21.51            | H               | 5.30            | 9.90               | 26.11      | 0.408    | 33.00       | -6.89      | 1 / 0  |
|          |            | 2687.50         | 20.63            | H               | 5.40            | 9.89               | 25.12      | 0.325    | 33.00       | -7.88      | 1 / 12 |
|          | 16-QAM     | 2498.50         | 20.80            | H               | 5.21            | 10.06              | 25.65      | 0.367    | 33.00       | -7.35      | 1 / 0  |
|          |            | 2593.00         | 20.52            | H               | 5.30            | 9.90               | 25.12      | 0.325    | 33.00       | -7.88      | 1 / 12 |
|          |            | 2687.50         | 20.04            | H               | 5.40            | 9.89               | 24.53      | 0.284    | 33.00       | -8.47      | 1 / 12 |
| 20       | QPSK       | 2506.00         | 19.93            | H               | 5.21            | 10.04              | 24.76      | 0.299    | 33.00       | -8.24      | 100/0  |
|          |            | 2593.00         | 20.58            | H               | 5.30            | 9.90               | 25.18      | 0.330    | 33.00       | -7.82      | 100/0  |
|          |            | 2680.00         | 19.62            | H               | 5.39            | 9.88               | 24.11      | 0.258    | 33.00       | -8.89      | 100/0  |
|          | 16-QAM     | 2506.00         | 19.18            | H               | 5.21            | 10.04              | 24.01      | 0.252    | 33.00       | -8.99      | 100/0  |
|          |            | 2593.00         | 19.34            | H               | 5.30            | 9.90               | 23.94      | 0.248    | 33.00       | -9.06      | 100/0  |
|          |            | 2680.00         | 18.37            | H               | 5.39            | 9.88               | 22.86      | 0.193    | 33.00       | -10.14     | 100/0  |

### LTE Band 41 (PC2) (ANT F)

| BW (MHz) | Modulation | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) | RB     |
|----------|------------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|--------|
| 20       | QPSK       | 2506.00         | 19.96            | H               | 5.21            | 10.04              | 24.79      | 0.301    | 33.00       | -8.21      | 1 / 49 |
|          |            | 2593.00         | 21.51            | H               | 5.30            | 9.90               | 26.11      | 0.408    | 33.00       | -6.89      | 1 / 49 |
|          |            | 2680.00         | 22.49            | H               | 5.39            | 9.88               | 26.98      | 0.499    | 33.00       | -6.02      | 1 / 0  |
|          | 16-QAM     | 2506.00         | 19.31            | H               | 5.21            | 10.04              | 24.14      | 0.259    | 33.00       | -8.86      | 1 / 99 |
|          |            | 2593.00         | 20.70            | H               | 5.30            | 9.90               | 25.30      | 0.339    | 33.00       | -7.70      | 1 / 49 |
|          |            | 2680.00         | 21.74            | H               | 5.39            | 9.88               | 26.23      | 0.420    | 33.00       | -6.77      | 1 / 49 |
| 15       | QPSK       | 2503.50         | 19.84            | H               | 5.21            | 10.05              | 24.68      | 0.294    | 33.00       | -8.32      | 1 / 0  |
|          |            | 2593.00         | 21.78            | H               | 5.30            | 9.90               | 26.38      | 0.435    | 33.00       | -6.62      | 1 / 74 |
|          |            | 2682.50         | 22.59            | H               | 5.39            | 9.88               | 27.08      | 0.511    | 33.00       | -5.92      | 1 / 0  |
|          | 16-QAM     | 2503.50         | 19.23            | H               | 5.21            | 10.05              | 24.07      | 0.255    | 33.00       | -8.93      | 1 / 37 |
|          |            | 2593.00         | 20.56            | H               | 5.30            | 9.90               | 25.16      | 0.328    | 33.00       | -7.84      | 1 / 37 |
|          |            | 2682.50         | 21.71            | H               | 5.39            | 9.88               | 26.20      | 0.417    | 33.00       | -6.80      | 1 / 0  |
| 10       | QPSK       | 2501.00         | 19.82            | H               | 5.21            | 10.05              | 24.66      | 0.292    | 33.00       | -8.34      | 1 / 25 |
|          |            | 2593.00         | 21.61            | H               | 5.30            | 9.90               | 26.21      | 0.418    | 33.00       | -6.79      | 1 / 25 |
|          |            | 2685.00         | 22.51            | H               | 5.39            | 9.89               | 27.01      | 0.502    | 33.00       | -5.99      | 1 / 0  |
|          | 16-QAM     | 2501.00         | 19.28            | H               | 5.21            | 10.05              | 24.12      | 0.258    | 33.00       | -8.88      | 1 / 25 |
|          |            | 2593.00         | 20.29            | H               | 5.30            | 9.90               | 24.89      | 0.308    | 33.00       | -8.11      | 1 / 25 |
|          |            | 2685.00         | 21.78            | H               | 5.39            | 9.89               | 26.28      | 0.425    | 33.00       | -6.72      | 1 / 25 |
| 5        | QPSK       | 2498.50         | 19.75            | H               | 5.21            | 10.06              | 24.60      | 0.288    | 33.00       | -8.40      | 1 / 12 |
|          |            | 2593.00         | 21.67            | H               | 5.30            | 9.90               | 26.27      | 0.424    | 33.00       | -6.73      | 1 / 12 |
|          |            | 2687.50         | 22.48            | H               | 5.40            | 9.89               | 26.97      | 0.498    | 33.00       | -6.03      | 1 / 12 |
|          | 16-QAM     | 2498.50         | 19.10            | H               | 5.21            | 10.06              | 23.95      | 0.248    | 33.00       | -9.05      | 1 / 0  |
|          |            | 2593.00         | 20.46            | H               | 5.30            | 9.90               | 25.06      | 0.321    | 33.00       | -7.94      | 1 / 12 |
|          |            | 2687.50         | 21.63            | H               | 5.40            | 9.89               | 26.12      | 0.409    | 33.00       | -6.88      | 1 / 12 |
| 20       | QPSK       | 2506.00         | 19.07            | H               | 5.21            | 10.04              | 23.90      | 0.245    | 33.00       | -9.10      | 100/0  |
|          |            | 2593.00         | 20.66            | H               | 5.30            | 9.90               | 25.26      | 0.336    | 33.00       | -7.74      | 100/0  |
|          |            | 2680.00         | 21.57            | H               | 5.39            | 9.88               | 26.06      | 0.404    | 33.00       | -6.94      | 100/0  |
|          | 16-QAM     | 2506.00         | 18.13            | H               | 5.21            | 10.04              | 22.96      | 0.198    | 33.00       | -10.04     | 100/0  |
|          |            | 2593.00         | 19.13            | H               | 5.30            | 9.90               | 23.73      | 0.236    | 33.00       | -9.27      | 100/0  |
|          |            | 2680.00         | 20.46            | H               | 5.39            | 9.88               | 24.95      | 0.313    | 33.00       | -8.05      | 100/0  |

**NR Band n41 (PC3) DFT-s OFDM (ANT B)**

| BW (MHz) | Modulation | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) | RB      |
|----------|------------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|---------|
| 100      | QPSK       | 2546.01         | 20.07            | H               | 5.26            | 9.97               | 24.78      | 0.301    | 33.00       | -8.22      | 1 / 136 |
|          |            | 2592.99         | 20.06            | H               | 5.30            | 9.90               | 24.66      | 0.292    | 33.00       | -8.34      | 1 / 271 |
|          |            | 2640.00         | 21.15            | H               | 5.36            | 9.87               | 25.66      | 0.368    | 33.00       | -7.34      | 1 / 1   |
|          | 16-QAM     | 2546.01         | 18.84            | H               | 5.26            | 9.97               | 23.55      | 0.226    | 33.00       | -9.45      | 1 / 271 |
|          |            | 2592.99         | 18.98            | H               | 5.30            | 9.90               | 23.58      | 0.228    | 33.00       | -9.42      | 1 / 271 |
|          |            | 2640.00         | 20.42            | H               | 5.36            | 9.87               | 24.93      | 0.311    | 33.00       | -8.07      | 1 / 1   |
| 90       | QPSK       | 2541.00         | 20.07            | H               | 5.25            | 9.98               | 24.80      | 0.302    | 33.00       | -8.20      | 1 / 123 |
|          |            | 2592.99         | 20.00            | H               | 5.30            | 9.90               | 24.60      | 0.288    | 33.00       | -8.40      | 1 / 243 |
|          |            | 2644.98         | 21.14            | H               | 5.36            | 9.86               | 25.64      | 0.366    | 33.00       | -7.36      | 1 / 1   |
|          | 16-QAM     | 2541.00         | 18.13            | H               | 5.25            | 9.98               | 22.86      | 0.193    | 33.00       | -10.14     | 1 / 243 |
|          |            | 2592.99         | 19.02            | H               | 5.30            | 9.90               | 23.62      | 0.230    | 33.00       | -9.38      | 1 / 243 |
|          |            | 2644.98         | 20.45            | H               | 5.36            | 9.86               | 24.95      | 0.313    | 33.00       | -8.05      | 1 / 1   |
| 80       | QPSK       | 2536.02         | 20.03            | H               | 5.25            | 9.99               | 24.77      | 0.300    | 33.00       | -8.23      | 1 / 215 |
|          |            | 2592.99         | 19.99            | H               | 5.30            | 9.90               | 24.59      | 0.288    | 33.00       | -8.41      | 1 / 215 |
|          |            | 2649.99         | 21.15            | H               | 5.37            | 9.86               | 25.64      | 0.366    | 33.00       | -7.36      | 1 / 1   |
|          | 16-QAM     | 2536.02         | 18.11            | H               | 5.25            | 9.99               | 22.85      | 0.193    | 33.00       | -10.15     | 1 / 215 |
|          |            | 2592.99         | 18.92            | H               | 5.30            | 9.90               | 23.52      | 0.225    | 33.00       | -9.48      | 1 / 215 |
|          |            | 2649.99         | 20.50            | H               | 5.37            | 9.86               | 24.99      | 0.316    | 33.00       | -8.01      | 1 / 1   |
| 70       | QPSK       | 2531.02         | 20.04            | H               | 5.24            | 10.00              | 24.80      | 0.302    | 33.00       | -8.20      | 1 / 187 |
|          |            | 2592.99         | 19.86            | H               | 5.30            | 9.90               | 24.46      | 0.279    | 33.00       | -8.54      | 1 / 187 |
|          |            | 2654.98         | 21.20            | H               | 5.37            | 9.86               | 25.69      | 0.371    | 33.00       | -7.31      | 1 / 1   |
|          | 16-QAM     | 2531.02         | 18.07            | H               | 5.24            | 10.00              | 22.83      | 0.192    | 33.00       | -10.17     | 1 / 187 |
|          |            | 2592.99         | 18.90            | H               | 5.30            | 9.90               | 23.50      | 0.224    | 33.00       | -9.50      | 1 / 187 |
|          |            | 2654.98         | 20.46            | H               | 5.37            | 9.86               | 24.95      | 0.313    | 33.00       | -8.05      | 1 / 1   |
| 60       | QPSK       | 2526.00         | 20.07            | H               | 5.23            | 10.01              | 24.85      | 0.305    | 33.00       | -8.15      | 1 / 160 |
|          |            | 2592.99         | 19.74            | H               | 5.30            | 9.90               | 24.34      | 0.272    | 33.00       | -8.66      | 1 / 160 |
|          |            | 2659.98         | 21.13            | H               | 5.36            | 9.87               | 25.64      | 0.366    | 33.00       | -7.36      | 1 / 1   |
|          | 16-QAM     | 2526.00         | 18.06            | H               | 5.23            | 10.01              | 22.84      | 0.192    | 33.00       | -10.16     | 1 / 160 |
|          |            | 2592.99         | 18.76            | H               | 5.30            | 9.90               | 23.36      | 0.217    | 33.00       | -9.64      | 1 / 160 |
|          |            | 2659.98         | 20.36            | H               | 5.36            | 9.87               | 24.87      | 0.307    | 33.00       | -8.13      | 1 / 1   |
| 50       | QPSK       | 2521.01         | 20.12            | H               | 5.23            | 10.02              | 24.91      | 0.310    | 33.00       | -8.09      | 1 / 131 |
|          |            | 2592.99         | 20.08            | H               | 5.30            | 9.90               | 24.68      | 0.294    | 33.00       | -8.32      | 1 / 131 |
|          |            | 2665.00         | 21.19            | H               | 5.37            | 9.87               | 25.69      | 0.371    | 33.00       | -7.31      | 1 / 1   |
|          | 16-QAM     | 2521.01         | 18.54            | H               | 5.23            | 10.02              | 23.33      | 0.215    | 33.00       | -9.67      | 1 / 131 |
|          |            | 2592.99         | 19.10            | H               | 5.30            | 9.90               | 23.70      | 0.234    | 33.00       | -9.30      | 1 / 131 |
|          |            | 2665.00         | 20.45            | H               | 5.37            | 9.87               | 24.95      | 0.313    | 33.00       | -8.05      | 1 / 1   |
| 45       | QPSK       | 2518.50         | 20.18            | H               | 5.23            | 10.02              | 24.97      | 0.314    | 33.00       | -8.03      | 1 / 117 |
|          |            | 2592.99         | 20.14            | H               | 5.30            | 9.90               | 24.74      | 0.298    | 33.00       | -8.26      | 1 / 117 |
|          |            | 2667.48         | 21.21            | H               | 5.37            | 9.87               | 25.71      | 0.372    | 33.00       | -7.29      | 1 / 1   |
|          | 16-QAM     | 2518.50         | 18.27            | H               | 5.23            | 10.02              | 23.06      | 0.202    | 33.00       | -9.94      | 1 / 117 |
|          |            | 2592.99         | 18.94            | H               | 5.30            | 9.90               | 23.54      | 0.226    | 33.00       | -9.46      | 1 / 117 |
|          |            | 2667.48         | 20.48            | H               | 5.37            | 9.87               | 24.98      | 0.315    | 33.00       | -8.02      | 1 / 1   |
| 40       | QPSK       | 2516.01         | 19.93            | H               | 5.22            | 10.02              | 24.73      | 0.297    | 33.00       | -8.27      | 1 / 104 |
|          |            | 2592.99         | 19.74            | H               | 5.30            | 9.90               | 24.34      | 0.272    | 33.00       | -8.66      | 1 / 104 |
|          |            | 2670.00         | 20.91            | H               | 5.37            | 9.88               | 25.42      | 0.348    | 33.00       | -7.58      | 1 / 1   |
|          | 16-QAM     | 2516.01         | 18.21            | H               | 5.22            | 10.02              | 23.01      | 0.200    | 33.00       | -9.99      | 1 / 104 |
|          |            | 2592.99         | 18.70            | H               | 5.30            | 9.90               | 23.30      | 0.214    | 33.00       | -9.70      | 1 / 104 |
|          |            | 2670.00         | 20.27            | H               | 5.37            | 9.88               | 24.78      | 0.301    | 33.00       | -8.22      | 1 / 1   |
| 35       | QPSK       | 2513.52         | 19.86            | H               | 5.22            | 10.03              | 24.67      | 0.293    | 33.00       | -8.33      | 1 / 90  |
|          |            | 2592.99         | 19.79            | H               | 5.30            | 9.90               | 24.39      | 0.275    | 33.00       | -8.61      | 1 / 90  |
|          |            | 2672.49         | 20.91            | H               | 5.38            | 9.88               | 25.41      | 0.348    | 33.00       | -7.59      | 1 / 45  |
|          | 16-QAM     | 2513.52         | 17.94            | H               | 5.22            | 10.03              | 22.75      | 0.188    | 33.00       | -10.25     | 1 / 90  |
|          |            | 2592.99         | 18.71            | H               | 5.30            | 9.90               | 23.31      | 0.214    | 33.00       | -9.69      | 1 / 90  |
|          |            | 2672.49         | 20.09            | H               | 5.38            | 9.88               | 24.59      | 0.288    | 33.00       | -8.41      | 1 / 90  |
| 30       | QPSK       | 2511.01         | 19.90            | H               | 5.22            | 10.03              | 24.71      | 0.296    | 33.00       | -8.29      | 1 / 76  |
|          |            | 2592.99         | 19.87            | H               | 5.30            | 9.90               | 24.47      | 0.280    | 33.00       | -8.53      | 1 / 76  |
|          |            | 2675.00         | 20.99            | H               | 5.38            | 9.88               | 25.49      | 0.354    | 33.00       | -7.51      | 1 / 1   |
|          | 16-QAM     | 2511.01         | 17.97            | H               | 5.22            | 10.03              | 22.78      | 0.190    | 33.00       | -10.22     | 1 / 76  |
|          |            | 2592.99         | 18.86            | H               | 5.30            | 9.90               | 23.46      | 0.222    | 33.00       | -9.54      | 1 / 76  |
|          |            | 2675.00         | 20.18            | H               | 5.38            | 9.88               | 24.68      | 0.294    | 33.00       | -8.32      | 1 / 1   |
| 25       | QPSK       | 2508.51         | 19.82            | H               | 5.22            | 10.04              | 24.64      | 0.291    | 33.00       | -8.36      | 1 / 63  |
|          |            | 2592.99         | 19.78            | H               | 5.30            | 9.90               | 24.38      | 0.274    | 33.00       | -8.62      | 1 / 63  |
|          |            | 2677.50         | 21.05            | H               | 5.38            | 9.88               | 25.55      | 0.359    | 33.00       | -7.45      | 1 / 32  |
|          | 16-QAM     | 2508.51         | 17.82            | H               | 5.22            | 10.04              | 22.64      | 0.184    | 33.00       | -10.36     | 1 / 63  |
|          |            | 2592.99         | 18.77            | H               | 5.30            | 9.90               | 23.37      | 0.217    | 33.00       | -9.63      | 1 / 63  |
|          |            | 2677.50         | 20.50            | H               | 5.38            | 9.88               | 25.00      | 0.316    | 33.00       | -8.00      | 1 / 1   |
| 20       | QPSK       | 2506.02         | 19.51            | H               | 5.21            | 10.04              | 24.34      | 0.272    | 33.00       | -8.66      | 1 / 49  |
|          |            | 2592.99         | 19.71            | H               | 5.30            | 9.90               | 24.31      | 0.270    | 33.00       | -8.69      | 1 / 49  |
|          |            | 2679.99         | 20.89            | H               | 5.39            | 9.88               | 25.38      | 0.345    | 33.00       | -7.62      | 1 / 1   |
|          | 16-QAM     | 2506.02         | 17.60            | H               | 5.21            | 10.04              | 22.43      | 0.175    | 33.00       | -10.57     | 1 / 49  |
|          |            | 2592.99         | 18.64            | H               | 5.30            | 9.90               | 23.24      | 0.211    | 33.00       | -9.76      | 1 / 49  |
|          |            | 2679.99         | 20.17            | H               | 5.39            | 9.88               | 24.66      | 0.292    | 33.00       | -8.34      | 1 / 1   |
| 15       | QPSK       | 2503.50         | 19.49            | H               | 5.21            | 10.05              | 24.33      | 0.271    | 33.00       | -8.67      | 1 / 36  |
|          |            | 2592.99         | 19.75            | H               | 5.30            | 9.90               | 24.35      | 0.272    | 33.00       | -8.65      | 1 / 36  |
|          |            | 2682.48         | 20.92            | H               | 5.39            | 9.88               | 25.41      | 0.348    | 33.00       | -7.59      | 1 / 36  |
|          | 16-QAM     | 2503.50         | 17.51            | H               | 5.21            | 10.05              | 22.35      | 0.172    | 33.00       | -10.65     | 1 / 36  |
|          |            | 2592.99         | 18.62            | H               | 5.30            | 9.90               | 23.22      | 0.210    | 33.00       | -9.78      | 1 / 36  |
|          |            | 2682.48         | 20.22            | H               | 5.39            | 9.88               | 24.71      | 0.296    | 33.00       | -8.29      | 1 / 1   |
| 10       | QPSK       | 2501.01         | 20.05            | H               | 5.21            | 10.05              | 24.89      | 0.308    | 33.00       | -8.11      | 1 / 22  |
|          |            | 2592.99         | 21.48            | H               | 5.30            | 9.90               | 26.08      | 0.408    | 33.00       | -6.92      | 1 / 22  |
|          |            | 2685.00         | 20.69            | H               | 5.39            | 9.89               | 25.18      | 0.330    | 33.00       | -7.82      | 1 / 22  |
|          | 16-QAM     | 2501.01         | 18.97            | H               | 5.21            | 10.05              | 23.81      | 0.240    | 33.00       | -9.19      | 1 / 22  |
|          |            | 2592.99         | 20.34            | H               | 5.30            | 9.90               | 24.94      | 0.312    | 33.00       | -8.06      | 1 / 22  |
|          |            | 2685.00         | 19.25            | H               | 5.39            | 9.89               | 23.74      | 0.237    | 33.00       | -9.26      | 1 / 1   |
| 100      | QPSK       | 2546.01         | 19.38            | H               | 5.26            | 9.97               | 24.09      | 0.256    | 33.00       | -8.91      | 270/0   |
|          |            | 2592.99         | 18.72            | H               | 5.30            | 9.90               | 23.32      | 0.215    | 33.00       | -9.68      | 270/0   |
|          |            | 2640.00         | 20.19            | H               | 5.36            | 9.87               | 24.70      | 0.295    | 33.00       | -8.30      | 270/0   |
|          | 16-QAM     | 2546.01         | 17.52            | H               | 5.26            | 9.97               | 22.23      | 0.167    | 33.00       | -10.77     | 270/0   |
|          |            | 2592.99         | 17.72            | H               | 5.30            | 9.90               | 22.32      | 0.171    | 33.00       | -10.68     | 270/0   |
|          |            | 2640.00         | 19.52            | H               | 5.36            | 9.87               | 24.03      | 0.253    | 33.00       | -8.97      | 270/0   |

**NR Band n41 SRS2 (ANT F)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 100      | 2546.01         | 16.10            | H               | 5.26            | 9.97               | 20.81      | 0.121    | 33.00       | -12.19     |
|          | 2592.99         | 18.59            | H               | 5.30            | 9.90               | 23.19      | 0.208    | 33.00       | -9.81      |
|          | 2640.00         | 19.82            | H               | 5.36            | 9.87               | 24.33      | 0.271    | 33.00       | -8.67      |

**NR Band n41 SRS3 (ANT C)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 100      | 2546.01         | 12.39            | H               | 5.26            | 9.97               | 17.10      | 0.051    | 33.00       | -15.90     |
|          | 2592.99         | 14.74            | H               | 5.30            | 9.90               | 19.34      | 0.086    | 33.00       | -13.66     |
|          | 2640.00         | 16.51            | H               | 5.36            | 9.87               | 21.02      | 0.126    | 33.00       | -11.98     |

**NR Band n41 SRS4 (ANT E)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 100      | 2546.01         | 6.79             | H               | 5.26            | 9.97               | 11.50      | 0.014    | 33.00       | -21.50     |
|          | 2592.99         | 7.37             | H               | 5.30            | 9.90               | 11.97      | 0.016    | 33.00       | -21.03     |
|          | 2640.00         | 11.90            | H               | 5.36            | 9.87               | 16.41      | 0.044    | 33.00       | -16.59     |

**NR Band n41 (PC3) DFT-s OFDM (ANT F)**

| BW (MHz) | Modulation | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) | RB      |
|----------|------------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|---------|
| 100      | QPSK       | 2546.01         | 19.21            | H               | 5.26            | 9.97               | 23.92      | 0.247    | 33.00       | -9.08      | 1 / 1   |
|          |            | 2592.99         | 20.12            | H               | 5.30            | 9.90               | 24.72      | 0.296    | 33.00       | -8.28      | 1 / 271 |
|          |            | 2640.00         | 21.23            | H               | 5.36            | 9.87               | 25.74      | 0.375    | 33.00       | -7.26      | 1 / 136 |
|          | 16-QAM     | 2546.01         | 18.21            | H               | 5.26            | 9.97               | 22.92      | 0.196    | 33.00       | -10.08     | 1 / 1   |
|          |            | 2592.99         | 19.04            | H               | 5.30            | 9.90               | 23.64      | 0.231    | 33.00       | -9.36      | 1 / 271 |
|          |            | 2640.00         | 20.43            | H               | 5.36            | 9.87               | 24.94      | 0.312    | 33.00       | -8.06      | 1 / 136 |
| 90       | QPSK       | 2541.00         | 19.23            | H               | 5.25            | 9.98               | 23.96      | 0.249    | 33.00       | -9.04      | 1 / 1   |
|          |            | 2592.99         | 20.16            | H               | 5.30            | 9.90               | 24.76      | 0.299    | 33.00       | -8.24      | 1 / 243 |
|          |            | 2644.98         | 21.31            | H               | 5.36            | 9.86               | 25.81      | 0.381    | 33.00       | -7.19      | 1 / 123 |
|          | 16-QAM     | 2541.00         | 18.38            | H               | 5.25            | 9.98               | 23.11      | 0.205    | 33.00       | -9.89      | 1 / 1   |
|          |            | 2592.99         | 19.21            | H               | 5.30            | 9.90               | 23.81      | 0.240    | 33.00       | -9.19      | 1 / 243 |
|          |            | 2644.98         | 20.59            | H               | 5.36            | 9.86               | 25.09      | 0.323    | 33.00       | -7.91      | 1 / 123 |
| 80       | QPSK       | 2536.02         | 19.22            | H               | 5.25            | 9.99               | 23.96      | 0.249    | 33.00       | -9.04      | 1 / 1   |
|          |            | 2592.99         | 20.11            | H               | 5.30            | 9.90               | 24.71      | 0.296    | 33.00       | -8.29      | 1 / 216 |
|          |            | 2649.99         | 21.13            | H               | 5.37            | 9.86               | 25.62      | 0.365    | 33.00       | -7.38      | 1 / 108 |
|          | 16-QAM     | 2536.02         | 18.47            | H               | 5.25            | 9.99               | 23.21      | 0.209    | 33.00       | -9.79      | 1 / 1   |
|          |            | 2592.99         | 19.01            | H               | 5.30            | 9.90               | 23.61      | 0.230    | 33.00       | -9.39      | 1 / 215 |
|          |            | 2649.99         | 20.56            | H               | 5.37            | 9.86               | 25.05      | 0.320    | 33.00       | -7.95      | 1 / 108 |
| 70       | QPSK       | 2531.02         | 18.98            | H               | 5.24            | 10.00              | 23.74      | 0.237    | 33.00       | -9.26      | 1 / 1   |
|          |            | 2592.99         | 20.01            | H               | 5.30            | 9.90               | 24.61      | 0.289    | 33.00       | -8.39      | 1 / 187 |
|          |            | 2654.98         | 21.14            | H               | 5.37            | 9.86               | 25.63      | 0.366    | 33.00       | -7.37      | 1 / 94  |
|          | 16-QAM     | 2531.02         | 18.11            | H               | 5.24            | 10.00              | 22.87      | 0.194    | 33.00       | -10.13     | 1 / 1   |
|          |            | 2592.99         | 18.99            | H               | 5.30            | 9.90               | 23.59      | 0.229    | 33.00       | -9.41      | 1 / 187 |
|          |            | 2654.98         | 20.34            | H               | 5.37            | 9.86               | 24.83      | 0.304    | 33.00       | -8.17      | 1 / 1   |
| 60       | QPSK       | 2526.00         | 18.98            | H               | 5.23            | 10.01              | 23.76      | 0.238    | 33.00       | -9.24      | 1 / 1   |
|          |            | 2592.99         | 19.90            | H               | 5.30            | 9.90               | 24.50      | 0.282    | 33.00       | -8.50      | 1 / 160 |
|          |            | 2659.98         | 21.24            | H               | 5.36            | 9.87               | 25.75      | 0.376    | 33.00       | -7.25      | 1 / 1   |
|          | 16-QAM     | 2526.00         | 18.03            | H               | 5.23            | 10.01              | 22.81      | 0.191    | 33.00       | -10.19     | 1 / 1   |
|          |            | 2592.99         | 18.79            | H               | 5.30            | 9.90               | 23.39      | 0.218    | 33.00       | -9.61      | 1 / 160 |
|          |            | 2659.98         | 20.45            | H               | 5.36            | 9.87               | 24.96      | 0.313    | 33.00       | -8.04      | 1 / 1   |
| 50       | QPSK       | 2521.01         | 19.22            | H               | 5.23            | 10.02              | 24.01      | 0.252    | 33.00       | -8.99      | 1 / 1   |
|          |            | 2592.99         | 20.17            | H               | 5.30            | 9.90               | 24.77      | 0.300    | 33.00       | -8.23      | 1 / 131 |
|          |            | 2665.00         | 21.47            | H               | 5.37            | 9.87               | 25.97      | 0.395    | 33.00       | -7.03      | 1 / 1   |
|          | 16-QAM     | 2521.01         | 18.24            | H               | 5.23            | 10.02              | 23.03      | 0.201    | 33.00       | -9.97      | 1 / 1   |
|          |            | 2592.99         | 19.06            | H               | 5.30            | 9.90               | 23.66      | 0.232    | 33.00       | -9.34      | 1 / 131 |
|          |            | 2665.00         | 20.57            | H               | 5.37            | 9.87               | 25.07      | 0.321    | 33.00       | -7.93      | 1 / 1   |
| 45       | QPSK       | 2518.50         | 19.25            | H               | 5.23            | 10.02              | 24.04      | 0.254    | 33.00       | -8.96      | 1 / 1   |
|          |            | 2592.99         | 20.02            | H               | 5.30            | 9.90               | 24.62      | 0.290    | 33.00       | -8.38      | 1 / 117 |
|          |            | 2667.48         | 21.50            | H               | 5.37            | 9.87               | 26.00      | 0.398    | 33.00       | -7.00      | 1 / 1   |
|          | 16-QAM     | 2518.50         | 18.46            | H               | 5.23            | 10.02              | 23.25      | 0.211    | 33.00       | -9.75      | 1 / 1   |
|          |            | 2592.99         | 18.88            | H               | 5.30            | 9.90               | 23.48      | 0.223    | 33.00       | -9.52      | 1 / 117 |
|          |            | 2667.48         | 20.54            | H               | 5.37            | 9.87               | 25.04      | 0.319    | 33.00       | -7.96      | 1 / 1   |
| 40       | QPSK       | 2516.01         | 19.00            | H               | 5.22            | 10.02              | 23.80      | 0.240    | 33.00       | -9.20      | 1 / 1   |
|          |            | 2592.99         | 19.74            | H               | 5.30            | 9.90               | 24.34      | 0.272    | 33.00       | -8.66      | 1 / 104 |
|          |            | 2670.00         | 21.19            | H               | 5.37            | 9.88               | 25.70      | 0.372    | 33.00       | -7.30      | 1 / 1   |
|          | 16-QAM     | 2516.01         | 18.26            | H               | 5.22            | 10.02              | 23.06      | 0.202    | 33.00       | -9.94      | 1 / 1   |
|          |            | 2592.99         | 18.58            | H               | 5.30            | 9.90               | 23.18      | 0.208    | 33.00       | -9.82      | 1 / 104 |
|          |            | 2670.00         | 20.35            | H               | 5.37            | 9.88               | 24.86      | 0.306    | 33.00       | -8.14      | 1 / 1   |
| 35       | QPSK       | 2513.52         | 19.03            | H               | 5.22            | 10.03              | 23.84      | 0.242    | 33.00       | -9.16      | 1 / 45  |
|          |            | 2592.99         | 19.64            | H               | 5.30            | 9.90               | 24.24      | 0.265    | 33.00       | -8.76      | 1 / 90  |
|          |            | 2672.49         | 21.20            | H               | 5.38            | 9.88               | 25.70      | 0.372    | 33.00       | -7.30      | 1 / 1   |
|          | 16-QAM     | 2513.52         | 18.21            | H               | 5.22            | 10.03              | 23.02      | 0.200    | 33.00       | -9.98      | 1 / 1   |
|          |            | 2592.99         | 18.56            | H               | 5.30            | 9.90               | 23.16      | 0.207    | 33.00       | -9.84      | 1 / 90  |
|          |            | 2672.49         | 20.34            | H               | 5.38            | 9.88               | 24.84      | 0.305    | 33.00       | -8.16      | 1 / 1   |
| 30       | QPSK       | 2511.01         | 19.22            | H               | 5.22            | 10.03              | 24.03      | 0.253    | 33.00       | -8.97      | 1 / 1   |
|          |            | 2592.99         | 19.77            | H               | 5.30            | 9.90               | 24.37      | 0.274    | 33.00       | -8.63      | 1 / 76  |
|          |            | 2675.00         | 21.25            | H               | 5.38            | 9.88               | 25.75      | 0.376    | 33.00       | -7.25      | 1 / 1   |
|          | 16-QAM     | 2511.01         | 18.26            | H               | 5.22            | 10.03              | 23.07      | 0.203    | 33.00       | -9.93      | 1 / 1   |
|          |            | 2592.99         | 18.63            | H               | 5.30            | 9.90               | 23.23      | 0.210    | 33.00       | -9.77      | 1 / 76  |
|          |            | 2675.00         | 20.41            | H               | 5.38            | 9.88               | 24.91      | 0.310    | 33.00       | -8.09      | 1 / 1   |
| 25       | QPSK       | 2508.51         | 19.26            | H               | 5.22            | 10.04              | 24.08      | 0.256    | 33.00       | -8.92      | 1 / 1   |
|          |            | 2592.99         | 19.68            | H               | 5.30            | 9.90               | 24.28      | 0.268    | 33.00       | -8.72      | 1 / 63  |
|          |            | 2677.50         | 21.26            | H               | 5.38            | 9.88               | 25.76      | 0.377    | 33.00       | -7.24      | 1 / 1   |
|          | 16-QAM     | 2508.51         | 18.15            | H               | 5.22            | 10.04              | 22.97      | 0.198    | 33.00       | -10.03     | 1 / 1   |
|          |            | 2592.99         | 18.74            | H               | 5.30            | 9.90               | 23.34      | 0.216    | 33.00       | -9.66      | 1 / 63  |
|          |            | 2677.50         | 20.58            | H               | 5.38            | 9.88               | 25.08      | 0.322    | 33.00       | -7.92      | 1 / 1   |
| 20       | QPSK       | 2506.02         | 19.05            | H               | 5.21            | 10.04              | 23.88      | 0.244    | 33.00       | -9.12      | 1 / 1   |
|          |            | 2592.99         | 19.61            | H               | 5.30            | 9.90               | 24.21      | 0.264    | 33.00       | -8.79      | 1 / 49  |
|          |            | 2679.99         | 21.05            | H               | 5.39            | 9.88               | 25.54      | 0.358    | 33.00       | -7.46      | 1 / 1   |
|          | 16-QAM     | 2506.02         | 18.16            | H               | 5.21            | 10.04              | 22.99      | 0.199    | 33.00       | -10.01     | 1 / 1   |
|          |            | 2592.99         | 18.60            | H               | 5.30            | 9.90               | 23.20      | 0.209    | 33.00       | -9.80      | 1 / 49  |
|          |            | 2679.99         | 20.22            | H               | 5.39            | 9.88               | 24.71      | 0.296    | 33.00       | -8.29      | 1 / 0   |
| 15       | QPSK       | 2503.50         | 19.00            | H               | 5.21            | 10.05              | 23.84      | 0.242    | 33.00       | -9.16      | 1 / 19  |
|          |            | 2592.99         | 19.69            | H               | 5.30            | 9.90               | 24.29      | 0.269    | 33.00       | -8.71      | 1 / 36  |
|          |            | 2682.48         | 21.01            | H               | 5.39            | 9.88               | 25.50      | 0.355    | 33.00       | -7.50      | 1 / 36  |
|          | 16-QAM     | 2503.50         | 18.14            | H               | 5.21            | 10.05              | 22.98      | 0.199    | 33.00       | -10.02     | 1 / 1   |
|          |            | 2592.99         | 18.64            | H               | 5.30            | 9.90               | 23.24      | 0.211    | 33.00       | -9.76      | 1 / 36  |
|          |            | 2682.48         | 20.16            | H               | 5.39            | 9.88               | 24.65      | 0.292    | 33.00       | -8.35      | 1 / 36  |
| 10       | QPSK       | 2501.01         | 18.96            | H               | 5.21            | 10.05              | 23.80      | 0.240    | 33.00       | -9.20      | 1 / 1   |
|          |            | 2592.99         | 19.84            | H               | 5.30            | 9.90               | 24.44      | 0.278    | 33.00       | -8.56      | 1 / 22  |
|          |            | 2685.00         | 19.74            | H               | 5.39            | 9.89               | 24.23      | 0.265    | 33.00       | -8.77      | 1 / 1   |
|          | 16-QAM     | 2501.01         | 17.63            | H               | 5.21            | 10.05              | 22.47      | 0.177    | 33.00       | -10.53     | 1 / 22  |
|          |            | 2592.99         | 19.04            | H               | 5.30            | 9.90               | 23.64      | 0.231    | 33.00       | -9.36      | 1 / 22  |
|          |            | 2685.00         | 19.18            | H               | 5.39            | 9.89               | 23.67      | 0.233    | 33.00       | -9.33      | 1 / 1   |
| 100      | QPSK       | 2546.01         | 17.75            | H               | 5.26            | 9.97               | 22.46      | 0.176    | 33.00       | -10.54     | 270/0   |
|          |            | 2592.99         | 18.49            | H               | 5.30            | 9.90               | 23.09      | 0.204    | 33.00       | -9.91      | 270/0   |
|          |            | 2640.00         | 20.10            | H               | 5.36            | 9.87               | 24.61      | 0.289    | 33.00       | -8.39      | 270/0   |
|          | 16-QAM     | 2546.01         | 16.89            | H               | 5.26            | 9.97               | 21.60      | 0.145    | 33.00       | -11.40     | 270/0   |
|          |            | 2592.99         | 17.41            | H               | 5.30            | 9.90               | 22.01      | 0.159    | 33.00       | -10.99     | 270/0   |
|          |            | 2640.00         | 19.31            | H               | 5.36            | 9.87               | 23.82      | 0.241    | 33.00       | -9.18      | 270/0   |

**NR Band n41 SRS2 (ANT B)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 80       | 2536.02         | 18.07            | H               | 5.25            | 9.99               | 22.80      | 0.191    | 33.00       | -10.20     |
|          | 2592.99         | 19.74            | H               | 5.30            | 9.90               | 24.34      | 0.272    | 33.00       | -8.66      |
|          | 2649.99         | 19.89            | H               | 5.37            | 9.86               | 24.38      | 0.274    | 33.00       | -8.62      |

**NR Band n41 SRS3 (ANT E)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 50       | 2521.02         | 9.17             | H               | 5.23            | 10.02              | 13.96      | 0.025    | 33.00       | -19.04     |
|          | 2592.99         | 9.80             | H               | 5.30            | 9.90               | 14.40      | 0.028    | 33.00       | -18.60     |
|          | 2664.99         | 10.09            | H               | 5.37            | 9.87               | 14.59      | 0.029    | 33.00       | -18.41     |

**NR Band n41 SRS4 (ANT C)**

| BW (MHz) | Frequency (MHz) | SG reading (dBm) | Ant. Pol. (H/V) | Cable Loss (dB) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (dBm) | Delta (dB) |
|----------|-----------------|------------------|-----------------|-----------------|--------------------|------------|----------|-------------|------------|
| 25       | 2508.51         | 10.35            | H               | 5.22            | 10.04              | 15.17      | 0.033    | 33.00       | -17.83     |
|          | 2592.99         | 13.14            | H               | 5.30            | 9.90               | 17.74      | 0.059    | 33.00       | -15.26     |
|          | 2677.50         | 13.71            | H               | 5.38            | 9.88               | 18.20      | 0.066    | 33.00       | -14.80     |

## 9.2. RADIATED SPURIOUS EMISSION

### RULE PART(S)

FCC: §2.1053, §27.53

### LIMIT

§27.53:

(m) (4) For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

### TEST PROCEDURE

ANSI / TIA / EIA 603 E Clause 2.2.12; ESU40 setting reference to 971168 D01 v03r01

For peak power measurement with a ESU40:

- a) Set the RBW = 100 kHz for emission below 1 GHz and 1 MHz for emissions above 1 GHz
- b) Set VBW  $\geq 3 \times$  RBW;
- c) Set span  $\geq 1.5$  times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points  $\geq 2 \times$  span/RBW;
- g) Trace Mode = average(FDD), Maxhold(TDD);

### NOTE1

LTE: It was tested at 1RB QPSK as worst case (the highest output power and density).

5G NR: All Waveforms (CP-OFDM vs DFT-s\_OFDM) and modulations ( $\pi/2$  BPSK, QPSK, 16QAM, 64QAM, 256QAM) were investigated to determine the worst case configuration. All Modes of operation were investigated and the worst case configuration results are reported in this section.

### NOTE2

Please refer to section 5.4 for bandwidth and RB setting about LTE, 5G NR bands.

### RESULTS

See the following pages.

## 9.2.1. SPURIOUS RADIATION RESULT

### LTE Band 41 (PC2)

|                                 |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
|---------------------------------|--------------------------------------------------------------------------------------|---------------------|---------------------------------------------|-----------------|----------------|--------------------------|---------------|----------------|---------------|-------|
| 15 MHz<br><br>QPSK<br><br>ANT B | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | Company:                                                                             |                     | Samsung                                     |                 |                |                          |               |                |               |       |
|                                 | Project #:                                                                           |                     | 4792147620                                  |                 |                |                          |               |                |               |       |
|                                 | Date:                                                                                |                     | 2026-04-24                                  |                 |                |                          |               |                |               |       |
|                                 | Test Engineer:                                                                       |                     | 28775                                       |                 |                |                          |               |                |               |       |
|                                 | Configuration:                                                                       |                     | EUT / AC Adapter, Y-position, FF            |                 |                |                          |               |                |               |       |
|                                 | Location:                                                                            |                     | Chamber 2                                   |                 |                |                          |               |                |               |       |
|                                 | Mode:                                                                                |                     | LTE_QPSK Band 41 Harmonics, 15MHz Bandwidth |                 |                |                          |               |                |               |       |
|                                 | Test Votage:                                                                         |                     | AC 120 V, 60 Hz                             |                 |                |                          |               |                |               |       |
|                                 |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V)                          | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                 | Low Ch, 2503.5MHz                                                                    |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | 5007.00                                                                              | -74.8               | V                                           | 3.0             | 3.2            | 11.74                    | -59.9         | -25.0          | -34.9         |       |
|                                 | 7510.50                                                                              | -63.2               | V                                           | 3.0             | 8.3            | 11.74                    | -43.2         | -25.0          | -18.2         |       |
|                                 | 10014.00                                                                             | -80.5               | V                                           | 3.0             | 13.5           | 11.74                    | -55.2         | -25.0          | -30.2         | NF    |
| 12517.50                        | -81.6                                                                                | V                   | 3.0                                         | 18.2            | 11.74          | -51.6                    | -25.0         | -26.6          | NF            |       |
| Mid Ch, 2593MHz                 |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
| 5186.00                         | -74.1                                                                                | V                   | 3.0                                         | 3.7             | 11.74          | -58.6                    | -25.0         | -33.6          |               |       |
| 7779.00                         | -59.3                                                                                | V                   | 3.0                                         | 8.9             | 11.74          | -38.7                    | -25.0         | -13.7          |               |       |
| 10372.00                        | -80.8                                                                                | V                   | 3.0                                         | 14.2            | 11.74          | -54.8                    | -25.0         | -29.8          | NF            |       |
| 12965.00                        | -81.0                                                                                | V                   | 3.0                                         | 18.4            | 11.74          | -50.8                    | -25.0         | -25.8          | NF            |       |
| 5186.00                         | -75.1                                                                                | H                   | 3.0                                         | 3.7             | 11.74          | -59.6                    | -25.0         | -34.6          |               |       |
| 7779.00                         | -60.1                                                                                | H                   | 3.0                                         | 8.9             | 11.74          | -39.5                    | -25.0         | -14.5          |               |       |
| 10372.00                        | -80.8                                                                                | H                   | 3.0                                         | 14.2            | 11.74          | -54.9                    | -25.0         | -29.9          | NF            |       |
| 12965.00                        | -81.4                                                                                | H                   | 3.0                                         | 18.4            | 11.74          | -51.2                    | -25.0         | -26.2          | NF            |       |
| High Ch, 2682.5MHz              |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
| 5365.00                         | -74.7                                                                                | V                   | 3.0                                         | 4.0             | 11.74          | -58.9                    | -25.0         | -33.9          |               |       |
| 8047.50                         | -72.7                                                                                | V                   | 3.0                                         | 9.1             | 11.74          | -51.8                    | -25.0         | -26.8          |               |       |
| 10730.00                        | -81.2                                                                                | V                   | 3.0                                         | 15.0            | 11.74          | -54.5                    | -25.0         | -29.5          | NF            |       |
| 13412.50                        | -81.2                                                                                | V                   | 3.0                                         | 18.5            | 11.74          | -51.0                    | -25.0         | -26.0          | NF            |       |
| NF : Noise Floor                |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
| 15 MHz<br><br>QPSK<br><br>ANT F | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | Company:                                                                             |                     | Samsung                                     |                 |                |                          |               |                |               |       |
|                                 | Project #:                                                                           |                     | 4792147620                                  |                 |                |                          |               |                |               |       |
|                                 | Date:                                                                                |                     | 2026-04-24                                  |                 |                |                          |               |                |               |       |
|                                 | Test Engineer:                                                                       |                     | 28775                                       |                 |                |                          |               |                |               |       |
|                                 | Configuration:                                                                       |                     | EUT / AC Adapter, Z-Position, HF            |                 |                |                          |               |                |               |       |
|                                 | Location:                                                                            |                     | Chamber 2                                   |                 |                |                          |               |                |               |       |
|                                 | Mode:                                                                                |                     | LTE_QPSK Band 41 Harmonics, 15MHz Bandwidth |                 |                |                          |               |                |               |       |
|                                 | Test Votage:                                                                         |                     | AC 120 V, 60 Hz                             |                 |                |                          |               |                |               |       |
|                                 |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V)                          | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                 | Low Ch, 2503.5MHz                                                                    |                     |                                             |                 |                |                          |               |                |               |       |
|                                 | 5007.00                                                                              | -62.4               | V                                           | 3.0             | 3.2            | 11.74                    | -47.4         | -25.0          | -22.4         | NF    |
|                                 | 7510.50                                                                              | -62.9               | V                                           | 3.0             | 8.3            | 11.74                    | -42.9         | -25.0          | -17.9         | NF    |
|                                 | 10014.00                                                                             | -62.5               | V                                           | 3.0             | 13.5           | 11.74                    | -37.3         | -25.0          | -12.3         | NF    |
| Mid Ch, 2593MHz                 |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
| 5186.00                         | -63.2                                                                                | V                   | 3.0                                         | 3.7             | 11.74          | -47.7                    | -25.0         | -22.7          | NF            |       |
| 7779.00                         | -63.4                                                                                | V                   | 3.0                                         | 8.9             | 11.74          | -42.8                    | -25.0         | -17.8          | NF            |       |
| 10372.00                        | -62.0                                                                                | V                   | 3.0                                         | 14.2            | 11.74          | -36.0                    | -25.0         | -11.0          | NF            |       |
| 5186.00                         | -63.4                                                                                | H                   | 3.0                                         | 3.7             | 11.74          | -47.9                    | -25.0         | -22.9          | NF            |       |
| 7779.00                         | -63.5                                                                                | H                   | 3.0                                         | 8.9             | 11.74          | -42.9                    | -25.0         | -17.9          | NF            |       |
| 10372.00                        | -62.3                                                                                | H                   | 3.0                                         | 14.2            | 11.74          | -36.3                    | -25.0         | -11.3          | NF            |       |
| High Ch, 2682.5MHz              |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |
| 5365.00                         | -63.0                                                                                | V                   | 3.0                                         | 4.0             | 11.74          | -47.2                    | -25.0         | -22.2          | NF            |       |
| 8047.50                         | -62.6                                                                                | V                   | 3.0                                         | 9.1             | 11.74          | -41.7                    | -25.0         | -16.7          | NF            |       |
| 10730.00                        | -62.8                                                                                | V                   | 3.0                                         | 15.0            | 11.74          | -36.0                    | -25.0         | -11.0          | NF            |       |
| NF : Noise Floor                |                                                                                      |                     |                                             |                 |                |                          |               |                |               |       |

**NR Band n41 (PC3) DFT-s OFDM**

|                                  |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
|----------------------------------|--------------------------------------------------------------------------------------|------------------|-----------------|--------------|-------------|-----------------------|------------|-------------|------------|-------|
| 10 MHz<br><br>QPSK<br><br>ANT B  | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                  |                 |              |             |                       |            |             |            |       |
|                                  | Company: Samsung                                                                     |                  |                 |              |             |                       |            |             |            |       |
|                                  | Project #: 4792147620                                                                |                  |                 |              |             |                       |            |             |            |       |
|                                  | Date: 2026-04-27                                                                     |                  |                 |              |             |                       |            |             |            |       |
|                                  | Test Engineer: 27089                                                                 |                  |                 |              |             |                       |            |             |            |       |
|                                  | Configuration: EUT / AC Adapter, Z-Position, Open                                    |                  |                 |              |             |                       |            |             |            |       |
|                                  | Location: Chamber 2                                                                  |                  |                 |              |             |                       |            |             |            |       |
|                                  | Mode: 5G NR_QPSK NR n41 Harmonics, 10MHz Bandwidth                                   |                  |                 |              |             |                       |            |             |            |       |
|                                  | Test Votage: AC 120 V, 60 Hz                                                         |                  |                 |              |             |                       |            |             |            |       |
|                                  |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
|                                  | f MHz                                                                                | SA reading (dBm) | Ant. Pol. (H/V) | Distance (m) | AFCL (dB/m) | Conversion Factor(dB) | EIRP (dBm) | Limit (dBm) | Delta (dB) | Notes |
|                                  | Low Ch, 2501.01MHz                                                                   |                  |                 |              |             |                       |            |             |            |       |
|                                  | 5002.02                                                                              | -75.2            | V               | 3.0          | 3.2         | 11.74                 | -60.3      | -25.0       | -35.3      | NF    |
|                                  | 7503.03                                                                              | -76.4            | V               | 3.0          | 8.3         | 11.74                 | -56.4      | -25.0       | -31.4      |       |
|                                  | 10004.04                                                                             | -81.2            | V               | 3.0          | 13.5        | 11.74                 | -56.0      | -25.0       | -31.0      | NF    |
|                                  | 12505.05                                                                             | -81.6            | V               | 3.0          | 18.2        | 11.74                 | -51.7      | -25.0       | -26.7      | NF    |
|                                  | Mid Ch, 2592.99MHz                                                                   |                  |                 |              |             |                       |            |             |            |       |
|                                  | 5185.98                                                                              | -75.3            | V               | 3.0          | 3.7         | 11.74                 | -59.8      | -25.0       | -34.8      | NF    |
|                                  | 7778.97                                                                              | -62.5            | V               | 3.0          | 8.9         | 11.74                 | -41.9      | -25.0       | -16.9      |       |
|                                  | 10371.96                                                                             | -81.2            | V               | 3.0          | 14.2        | 11.74                 | -55.2      | -25.0       | -30.2      | NF    |
| 12964.95                         | -81.7                                                                                | V                | 3.0             | 18.4         | 11.74       | -51.6                 | -25.0      | -26.6       | NF         |       |
| 5185.98                          | -75.2                                                                                | H                | 3.0             | 3.7          | 11.74       | -59.7                 | -25.0      | -34.7       | NF         |       |
| 7778.97                          | -63.7                                                                                | H                | 3.0             | 8.9          | 11.74       | -43.1                 | -25.0      | -18.1       |            |       |
| 10371.96                         | -81.2                                                                                | H                | 3.0             | 14.2         | 11.74       | -55.3                 | -25.0      | -30.3       | NF         |       |
| 12964.95                         | -81.3                                                                                | H                | 3.0             | 18.4         | 11.74       | -51.1                 | -25.0      | -26.1       | NF         |       |
| High Ch, 2685MHz                 |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
| 5370.00                          | -75.0                                                                                | V                | 3.0             | 4.1          | 11.74       | -59.2                 | -25.0      | -34.2       |            |       |
| 8055.00                          | -78.2                                                                                | V                | 3.0             | 9.1          | 11.74       | -57.3                 | -25.0      | -32.3       | NF         |       |
| 10740.00                         | -81.1                                                                                | V                | 3.0             | 15.0         | 11.74       | -54.4                 | -25.0      | -29.4       | NF         |       |
| 13425.00                         | -81.6                                                                                | V                | 3.0             | 18.5         | 11.74       | -51.3                 | -25.0      | -26.3       | NF         |       |
| NF : Noise Floor                 |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
| 100 MHz<br><br>SRS2<br><br>ANT F | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                  |                 |              |             |                       |            |             |            |       |
|                                  | Company: Samsung                                                                     |                  |                 |              |             |                       |            |             |            |       |
|                                  | Project #: 4792147620                                                                |                  |                 |              |             |                       |            |             |            |       |
|                                  | Date: 2026-04-27                                                                     |                  |                 |              |             |                       |            |             |            |       |
|                                  | Test Engineer: 33535                                                                 |                  |                 |              |             |                       |            |             |            |       |
|                                  | Configuration: EUT / AC Adapter, X-Position, HF                                      |                  |                 |              |             |                       |            |             |            |       |
|                                  | Location: Chamber 1                                                                  |                  |                 |              |             |                       |            |             |            |       |
|                                  | Mode: 5G NR n41(SRS) Harmonics, 100MHz Bandwidth                                     |                  |                 |              |             |                       |            |             |            |       |
|                                  | Test Votage: AC 120 V, 60 Hz                                                         |                  |                 |              |             |                       |            |             |            |       |
|                                  |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
|                                  | f MHz                                                                                | SA reading (dBm) | Ant. Pol. (H/V) | Distance (m) | AFCL (dB/m) | Conversion Factor(dB) | EIRP (dBm) | Limit (dBm) | Delta (dB) | Notes |
|                                  | Low Ch, 2546.01MHz                                                                   |                  |                 |              |             |                       |            |             |            |       |
|                                  | 5092.02                                                                              | -74.3            | H               | 3.0          | 1.9         | 11.74                 | -60.6      | -25.0       | -35.6      | NF    |
|                                  | 7638.03                                                                              | -76.5            | H               | 3.0          | 6.0         | 11.74                 | -58.7      | -25.0       | -33.7      | NF    |
|                                  | 10184.04                                                                             | -79.8            | H               | 3.0          | 11.4        | 11.74                 | -56.7      | -25.0       | -31.7      | NF    |
|                                  | Mid Ch, 2592.99MHz                                                                   |                  |                 |              |             |                       |            |             |            |       |
|                                  | 5185.98                                                                              | -75.4            | V               | 3.0          | 2.2         | 11.74                 | -61.4      | -25.0       | -36.4      | NF    |
|                                  | 7778.97                                                                              | -76.4            | V               | 3.0          | 6.2         | 11.74                 | -58.4      | -25.0       | -33.4      | NF    |
|                                  | 10371.96                                                                             | -80.0            | V               | 3.0          | 12.0        | 11.74                 | -56.3      | -25.0       | -31.3      | NF    |
|                                  | 5185.98                                                                              | -74.2            | H               | 3.0          | 2.2         | 11.74                 | -60.2      | -25.0       | -35.2      | NF    |
| 7778.97                          | -76.3                                                                                | H                | 3.0             | 6.2          | 11.74       | -58.4                 | -25.0      | -33.4       | NF         |       |
| 10371.96                         | -79.9                                                                                | H                | 3.0             | 12.0         | 11.74       | -56.2                 | -25.0      | -31.2       | NF         |       |
| High Ch, 2640MHz                 |                                                                                      |                  |                 |              |             |                       |            |             |            |       |
| 5280.00                          | -75.1                                                                                | H                | 3.0             | 2.2          | 11.74       | -61.1                 | -25.0      | -36.1       | NF         |       |
| 7920.00                          | -76.5                                                                                | H                | 3.0             | 6.6          | 11.74       | -58.2                 | -25.0      | -33.2       | NF         |       |
| 10560.00                         | -80.2                                                                                | H                | 3.0             | 12.2         | 11.74       | -56.3                 | -25.0      | -31.3       | NF         |       |
| NF : Noise Floor                 |                                                                                      |                  |                 |              |             |                       |            |             |            |       |

|                                  |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
|----------------------------------|--------------------------------------------------------------------------------------|---------------------|--------------------|-----------------|----------------|--------------------------|---------------|----------------|---------------|-------|
| 100 MHz<br><br>SRS3<br><br>ANT C | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Company: Samsung                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Project #: 4792147620                                                                |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Date: 2026-04-27                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Test Engineer: 33535                                                                 |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Configuration: EUT / AC Adapter, X-Position, Open                                    |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Location: Chamber 1                                                                  |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Mode: 5G NR n41(SRS) Harmonics, 100MHz Bandwidth                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Test Votage: AC 120 V, 60 Hz                                                         |                     |                    |                 |                |                          |               |                |               |       |
|                                  |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
|                                  | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V) | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                  | Low Ch, 2546.01MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                  | 5092.02                                                                              | -74.6               | H                  | 3.0             | 1.9            | 11.74                    | -60.9         | -25.0          | -35.9         | NF    |
|                                  | 7638.03                                                                              | -76.3               | H                  | 3.0             | 6.0            | 11.74                    | -58.5         | -25.0          | -33.5         | NF    |
|                                  | 10184.04                                                                             | -79.6               | H                  | 3.0             | 11.4           | 11.74                    | -56.5         | -25.0          | -31.5         | NF    |
|                                  | Mid Ch, 2592.99MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                  | 5185.98                                                                              | -74.2               | V                  | 3.0             | 2.2            | 11.74                    | -60.2         | -25.0          | -35.2         | NF    |
|                                  | 7778.97                                                                              | -76.1               | V                  | 3.0             | 6.2            | 11.74                    | -58.1         | -25.0          | -33.1         | NF    |
|                                  | 10371.96                                                                             | -79.6               | V                  | 3.0             | 12.0           | 11.74                    | -55.9         | -25.0          | -30.9         | NF    |
|                                  | 5185.98                                                                              | -74.2               | H                  | 3.0             | 2.2            | 11.74                    | -60.2         | -25.0          | -35.2         | NF    |
| 7778.97                          | -76.5                                                                                | H                   | 3.0                | 6.2             | 11.74          | -58.6                    | -25.0         | -33.6          | NF            |       |
| 10371.96                         | -79.8                                                                                | H                   | 3.0                | 12.0            | 11.74          | -56.1                    | -25.0         | -31.1          | NF            |       |
| High Ch, 2640MHz                 |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
| 5280.00                          | -75.1                                                                                | H                   | 3.0                | 2.2             | 11.74          | -61.1                    | -25.0         | -36.1          | NF            |       |
| 7920.00                          | -76.5                                                                                | H                   | 3.0                | 6.6             | 11.74          | -58.1                    | -25.0         | -33.1          | NF            |       |
| 10560.00                         | -80.2                                                                                | H                   | 3.0                | 12.2            | 11.74          | -56.3                    | -25.0         | -31.3          | NF            |       |
| NF : Noise Floor                 |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
|                                  |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
| 100 MHz<br><br>SRS4<br><br>ANT E | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Company: Samsung                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Project #: 4792147620                                                                |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Date: 2026-04-28                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Test Engineer: 33535                                                                 |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Configuration: EUT / AC Adapter, Z-Position, HF                                      |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Location: Chamber 1                                                                  |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Mode: 5G NR n41(SRS) Harmonics, 100MHz Bandwidth                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | Test Votage: AC 120 V, 60 Hz                                                         |                     |                    |                 |                |                          |               |                |               |       |
|                                  |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
|                                  | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V) | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                  | Low Ch, 2546.01MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                  | 5092.02                                                                              | -74.5               | H                  | 3.0             | 1.9            | 11.74                    | -60.9         | -25.0          | -35.9         | NF    |
|                                  | 7638.03                                                                              | -76.3               | H                  | 3.0             | 6.0            | 11.74                    | -58.6         | -25.0          | -33.6         |       |
|                                  | 10184.04                                                                             | -79.7               | H                  | 3.0             | 11.4           | 11.74                    | -56.6         | -25.0          | -31.6         | NF    |
|                                  | 12730.05                                                                             | -80.7               | H                  | 3.0             | 15.2           | 11.74                    | -53.7         | -25.0          | -28.7         | NF    |
|                                  | Mid Ch, 2592.99MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                  | 5185.98                                                                              | -74.3               | H                  | 3.0             | 2.2            | 11.74                    | -60.3         | -25.0          | -35.3         | NF    |
|                                  | 7778.97                                                                              | -75.5               | H                  | 3.0             | 6.2            | 11.74                    | -57.5         | -25.0          | -32.5         |       |
|                                  | 10371.96                                                                             | -79.9               | H                  | 3.0             | 12.0           | 11.74                    | -56.2         | -25.0          | -31.2         | NF    |
|                                  | 12964.95                                                                             | -80.8               | H                  | 3.0             | 15.2           | 11.74                    | -53.9         | -25.0          | -28.9         | NF    |
|                                  | High Ch, 2640MHz                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                  | 5280.00                                                                              | -75.1               | V                  | 3.0             | 2.2            | 11.74                    | -61.1         | -25.0          | -36.1         | NF    |
|                                  | 7920.00                                                                              | -76.4               | V                  | 3.0             | 6.6            | 11.74                    | -58.0         | -25.0          | -33.0         | NF    |
|                                  | 10560.00                                                                             | -80.3               | V                  | 3.0             | 12.2           | 11.74                    | -56.4         | -25.0          | -31.4         | NF    |
|                                  | 13200.00                                                                             | -80.1               | V                  | 3.0             | 15.0           | 11.74                    | -53.4         | -25.0          | -28.4         | NF    |
|                                  | 5280.00                                                                              | -75.2               | H                  | 3.0             | 2.2            | 11.74                    | -61.2         | -25.0          | -36.2         | NF    |
|                                  | 7920.00                                                                              | -75.4               | H                  | 3.0             | 6.6            | 11.74                    | -57.1         | -25.0          | -32.1         |       |
|                                  | 10560.00                                                                             | -80.2               | H                  | 3.0             | 12.2           | 11.74                    | -56.3         | -25.0          | -31.3         | NF    |
| 13200.00                         | -79.9                                                                                | H                   | 3.0                | 15.0            | 11.74          | -53.2                    | -25.0         | -28.2          | NF            |       |
| NF : Noise Floor                 |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |

**NR Band n41 (PC3) DFT-s OFDM**

|                                 |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
|---------------------------------|--------------------------------------------------------------------------------------|---------------------|--------------------|-----------------|----------------|--------------------------|---------------|----------------|---------------|-------|
| 45 MHz<br><br>QPSK<br><br>ANT F | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Company: Samsung                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Project #: 4792147620                                                                |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Date: 2026-04-27                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Test Engineer: 27089                                                                 |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Configuration: EUT / AC Adapter, X-Position, Open                                    |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Location: Chamber 2                                                                  |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Mode: 5G NR_QPSK NR n41 Harmonics, 45MHz Bandwidth                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Test Votage: AC 120 V, 60 Hz                                                         |                     |                    |                 |                |                          |               |                |               |       |
|                                 | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V) | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                 | Low Ch, 2518.5MHz                                                                    |                     |                    |                 |                |                          |               |                |               |       |
|                                 | 5037.00                                                                              | -75.4               | V                  | 3.0             | 3.3            | 11.74                    | -60.4         | -25.0          | -35.4         | NF    |
|                                 | 7555.50                                                                              | -76.0               | V                  | 3.0             | 8.3            | 11.74                    | -56.0         | -25.0          | -31.0         |       |
|                                 | 10074.00                                                                             | -80.8               | V                  | 3.0             | 13.7           | 11.74                    | -55.3         | -25.0          | -30.3         | NF    |
|                                 | 12592.50                                                                             | -81.9               | V                  | 3.0             | 18.3           | 11.74                    | -51.8         | -25.0          | -26.8         | NF    |
|                                 | 15111.00                                                                             | -82.1               | V                  | 3.0             | 20.7           | 11.74                    | -49.7         | -25.0          | -24.7         | NF    |
|                                 | Mid Ch, 2592.99MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                 | 5185.98                                                                              | -75.3               | V                  | 3.0             | 3.7            | 11.74                    | -59.8         | -25.0          | -34.8         | NF    |
|                                 | 7778.97                                                                              | -73.7               | V                  | 3.0             | 8.9            | 11.74                    | -53.1         | -25.0          | -28.1         |       |
|                                 | 10371.96                                                                             | -80.7               | V                  | 3.0             | 14.2           | 11.74                    | -54.7         | -25.0          | -29.7         |       |
|                                 | 12964.95                                                                             | -81.2               | V                  | 3.0             | 18.4           | 11.74                    | -51.1         | -25.0          | -26.1         | NF    |
|                                 | 15557.94                                                                             | -81.6               | V                  | 3.0             | 20.9           | 11.74                    | -49.0         | -25.0          | -24.0         | NF    |
|                                 | 5185.98                                                                              | -75.4               | H                  | 3.0             | 3.7            | 11.74                    | -59.9         | -25.0          | -34.9         | NF    |
|                                 | 7778.97                                                                              | -74.3               | H                  | 3.0             | 8.9            | 11.74                    | -53.7         | -25.0          | -28.7         |       |
|                                 | 10371.96                                                                             | -81.2               | H                  | 3.0             | 14.2           | 11.74                    | -55.2         | -25.0          | -30.2         | NF    |
|                                 | 12964.95                                                                             | -81.4               | H                  | 3.0             | 18.4           | 11.74                    | -51.2         | -25.0          | -26.2         | NF    |
|                                 | 15557.94                                                                             | -81.8               | H                  | 3.0             | 20.9           | 11.74                    | -49.2         | -25.0          | -24.2         | NF    |
|                                 | High Ch, 2667.48MHz                                                                  |                     |                    |                 |                |                          |               |                |               |       |
| 5334.96                         | -75.4                                                                                | V                   | 3.0                | 3.9             | 11.74          | -59.7                    | -25.0         | -34.7          | NF            |       |
| 8002.44                         | -77.9                                                                                | V                   | 3.0                | 9.0             | 11.74          | -57.1                    | -25.0         | -32.1          | NF            |       |
| 10669.92                        | -80.7                                                                                | V                   | 3.0                | 14.9            | 11.74          | -54.1                    | -25.0         | -29.1          |               |       |
| 13337.40                        | -81.6                                                                                | V                   | 3.0                | 18.6            | 11.74          | -51.2                    | -25.0         | -26.2          | NF            |       |
| 16004.88                        | -82.9                                                                                | V                   | 3.0                | 22.5            | 11.74          | -48.7                    | -25.0         | -23.7          | NF            |       |
| NF : Noise Floor                |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |
| 80 MHz<br><br>SRS2<br><br>ANT B | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Company: Samsung                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Project #: 4792147620                                                                |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Date: 2026-04-24                                                                     |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Test Engineer: 27089                                                                 |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Configuration: EUT / AC Adapter, X-Position, Open                                    |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Location: Chamber 1                                                                  |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Mode: 5G NR n41(SRS) Harmonics, 80MHz Bandwidth                                      |                     |                    |                 |                |                          |               |                |               |       |
|                                 | Test Votage: AC 120 V, 60 Hz                                                         |                     |                    |                 |                |                          |               |                |               |       |
|                                 | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V) | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|                                 | Low Ch, 2536.02MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                 | 5072.04                                                                              | -71.9               | V                  | 3.0             | 1.9            | 11.74                    | -58.2         | -25.0          | -33.2         |       |
|                                 | 7608.06                                                                              | -74.6               | V                  | 3.0             | 6.0            | 11.74                    | -56.8         | -25.0          | -31.8         | NF    |
|                                 | 10144.08                                                                             | -78.2               | V                  | 3.0             | 11.2           | 11.74                    | -55.3         | -25.0          | -30.3         | NF    |
|                                 | 12680.10                                                                             | -78.4               | V                  | 3.0             | 15.2           | 11.74                    | -51.5         | -25.0          | -26.5         | NF    |
|                                 | Mid Ch, 2592.99MHz                                                                   |                     |                    |                 |                |                          |               |                |               |       |
|                                 | 5185.98                                                                              | -71.8               | V                  | 3.0             | 2.2            | 11.74                    | -57.8         | -25.0          | -32.8         |       |
|                                 | 7778.97                                                                              | -73.4               | V                  | 3.0             | 6.2            | 11.74                    | -55.4         | -25.0          | -30.4         |       |
|                                 | 10371.96                                                                             | -78.2               | V                  | 3.0             | 12.0           | 11.74                    | -54.5         | -25.0          | -29.5         | NF    |
|                                 | 12964.95                                                                             | -78.3               | V                  | 3.0             | 15.2           | 11.74                    | -51.4         | -25.0          | -26.4         | NF    |
|                                 | 5185.98                                                                              | -72.1               | H                  | 3.0             | 2.2            | 11.74                    | -58.1         | -25.0          | -33.1         |       |
|                                 | 7778.97                                                                              | -73.7               | H                  | 3.0             | 6.2            | 11.74                    | -55.7         | -25.0          | -30.7         |       |
|                                 | 10371.96                                                                             | -78.4               | H                  | 3.0             | 12.0           | 11.74                    | -54.7         | -25.0          | -29.7         | NF    |
|                                 | 12964.95                                                                             | -78.5               | H                  | 3.0             | 15.2           | 11.74                    | -51.6         | -25.0          | -26.6         | NF    |
|                                 | High Ch, 2649.99MHz                                                                  |                     |                    |                 |                |                          |               |                |               |       |
|                                 | 5299.98                                                                              | -73.0               | V                  | 3.0             | 2.2            | 11.74                    | -59.0         | -25.0          | -34.0         | NF    |
|                                 | 7949.97                                                                              | -74.1               | V                  | 3.0             | 6.6            | 11.74                    | -55.8         | -25.0          | -30.8         |       |
|                                 | 10599.96                                                                             | -78.3               | V                  | 3.0             | 12.2           | 11.74                    | -54.4         | -25.0          | -29.4         | NF    |
| 13249.95                        | -78.4                                                                                | V                   | 3.0                | 14.9            | 11.74          | -51.8                    | -25.0         | -26.8          | NF            |       |
| NF : Noise Floor                |                                                                                      |                     |                    |                 |                |                          |               |                |               |       |

|        |                                                                                      |                     |                                           |                 |                |                          |               |                |               |       |
|--------|--------------------------------------------------------------------------------------|---------------------|-------------------------------------------|-----------------|----------------|--------------------------|---------------|----------------|---------------|-------|
| 50 MHz | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                                           |                 |                |                          |               |                |               |       |
|        | Company:                                                                             |                     | Samsung                                   |                 |                |                          |               |                |               |       |
|        | Project #:                                                                           |                     | 4792147620                                |                 |                |                          |               |                |               |       |
|        | Date:                                                                                |                     | 2026-04-27                                |                 |                |                          |               |                |               |       |
|        | Test Engineer:                                                                       |                     | 33535                                     |                 |                |                          |               |                |               |       |
|        | Configuration:                                                                       |                     | EUT / AC Adapter, X-Position, HF          |                 |                |                          |               |                |               |       |
|        | Location:                                                                            |                     | Chamber 1                                 |                 |                |                          |               |                |               |       |
|        | Mode:                                                                                |                     | 5G NR n41(SRS) Harmonics, 50MHz Bandwidth |                 |                |                          |               |                |               |       |
|        | Test Votage:                                                                         |                     | AC 120 V, 60 Hz                           |                 |                |                          |               |                |               |       |
|        |                                                                                      |                     |                                           |                 |                |                          |               |                |               |       |
|        | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V)                        | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|        | Low Ch, 2521.01MHz                                                                   |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5042.02                                                                              | -74.5               | H                                         | 3.0             | 1.9            | 11.74                    | -60.9         | -25.0          | -35.9         | NF    |
|        | 7563.03                                                                              | -76.5               | H                                         | 3.0             | 5.9            | 11.74                    | -58.9         | -25.0          | -33.9         | NF    |
|        | 10084.04                                                                             | -79.9               | H                                         | 3.0             | 11.0           | 11.74                    | -57.1         | -25.0          | -32.1         | NF    |
|        | Mid Ch, 2592.99MHz                                                                   |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5185.98                                                                              | -74.8               | H                                         | 3.0             | 2.2            | 11.74                    | -60.8         | -25.0          | -35.8         | NF    |
|        | 7778.97                                                                              | -76.5               | H                                         | 3.0             | 6.2            | 11.74                    | -58.5         | -25.0          | -33.5         | NF    |
|        | 10371.96                                                                             | -80.0               | H                                         | 3.0             | 12.0           | 11.74                    | -56.3         | -25.0          | -31.3         | NF    |
|        | High Ch, 2665MHz                                                                     |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5330.00                                                                              | -74.8               | V                                         | 3.0             | 2.3            | 11.74                    | -60.8         | -25.0          | -35.8         | NF    |
|        | 7995.00                                                                              | -76.9               | V                                         | 3.0             | 6.7            | 11.74                    | -58.5         | -25.0          | -33.5         | NF    |
|        | 10660.00                                                                             | -80.0               | V                                         | 3.0             | 12.3           | 11.74                    | -55.9         | -25.0          | -30.9         | NF    |
|        | 5330.00                                                                              | -74.7               | H                                         | 3.0             | 2.3            | 11.74                    | -60.6         | -25.0          | -35.6         | NF    |
|        | 7995.00                                                                              | -76.9               | H                                         | 3.0             | 6.7            | 11.74                    | -58.5         | -25.0          | -33.5         | NF    |
|        | 10660.00                                                                             | -79.9               | H                                         | 3.0             | 12.3           | 11.74                    | -55.8         | -25.0          | -30.8         | NF    |
|        | NF : Noise Floor                                                                     |                     |                                           |                 |                |                          |               |                |               |       |

|        |                                                                                      |                     |                                           |                 |                |                          |               |                |               |       |
|--------|--------------------------------------------------------------------------------------|---------------------|-------------------------------------------|-----------------|----------------|--------------------------|---------------|----------------|---------------|-------|
| 25 MHz | UL Verification Services, Inc.<br>Above 1GHz High Frequency Substitution Measurement |                     |                                           |                 |                |                          |               |                |               |       |
|        | Company:                                                                             |                     | Samsung                                   |                 |                |                          |               |                |               |       |
|        | Project #:                                                                           |                     | 4792147620                                |                 |                |                          |               |                |               |       |
|        | Date:                                                                                |                     | 2026-04-27                                |                 |                |                          |               |                |               |       |
|        | Test Engineer:                                                                       |                     | 33535                                     |                 |                |                          |               |                |               |       |
|        | Configuration:                                                                       |                     | EUT / AC Adapter, X-Position, HF          |                 |                |                          |               |                |               |       |
|        | Location:                                                                            |                     | Chamber 1                                 |                 |                |                          |               |                |               |       |
|        | Mode:                                                                                |                     | 5G NR n41(SRS) Harmonics, 25MHz Bandwidth |                 |                |                          |               |                |               |       |
|        | Test Votage:                                                                         |                     | AC 120 V, 60 Hz                           |                 |                |                          |               |                |               |       |
|        |                                                                                      |                     |                                           |                 |                |                          |               |                |               |       |
|        | f<br>MHz                                                                             | SA reading<br>(dBm) | Ant. Pol.<br>(H/V)                        | Distance<br>(m) | AFCL<br>(dB/m) | Conversion<br>Factor(dB) | EIRP<br>(dBm) | Limit<br>(dBm) | Delta<br>(dB) | Notes |
|        | Low Ch, 2508.51MHz                                                                   |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5017.02                                                                              | -74.5               | V                                         | 3.0             | 1.8            | 11.74                    | -60.9         | -25.0          | -35.9         | NF    |
|        | 7525.53                                                                              | -76.6               | V                                         | 3.0             | 5.7            | 11.74                    | -59.1         | -25.0          | -34.1         | NF    |
|        | 10034.04                                                                             | -79.6               | V                                         | 3.0             | 11.0           | 11.74                    | -56.9         | -25.0          | -31.9         | NF    |
|        | 12542.55                                                                             | -80.6               | V                                         | 3.0             | 15.0           | 11.74                    | -53.9         | -25.0          | -28.9         | NF    |
|        | 5017.02                                                                              | -74.4               | H                                         | 3.0             | 1.8            | 11.74                    | -60.8         | -25.0          | -35.8         | NF    |
|        | 7525.53                                                                              | -73.5               | H                                         | 3.0             | 5.7            | 11.74                    | -56.0         | -25.0          | -31.0         | NF    |
|        | 10034.04                                                                             | -79.8               | H                                         | 3.0             | 11.0           | 11.74                    | -57.1         | -25.0          | -32.1         | NF    |
|        | 12542.55                                                                             | -80.7               | H                                         | 3.0             | 15.0           | 11.74                    | -53.9         | -25.0          | -28.9         | NF    |
|        | Mid Ch, 2592.99MHz                                                                   |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5185.98                                                                              | -74.4               | H                                         | 3.0             | 2.2            | 11.74                    | -60.4         | -25.0          | -35.4         |       |
|        | 7778.97                                                                              | -76.3               | H                                         | 3.0             | 6.2            | 11.74                    | -58.3         | -25.0          | -33.3         |       |
|        | 10371.96                                                                             | -80.0               | H                                         | 3.0             | 12.0           | 11.74                    | -56.3         | -25.0          | -31.3         | NF    |
|        | 12964.95                                                                             | -80.4               | H                                         | 3.0             | 15.2           | 11.74                    | -53.5         | -25.0          | -28.5         | NF    |
|        | High Ch, 2677.5MHz                                                                   |                     |                                           |                 |                |                          |               |                |               |       |
|        | 5355.00                                                                              | -74.6               | H                                         | 3.0             | 2.4            | 11.74                    | -60.5         | -25.0          | -35.5         | NF    |
|        | 8032.50                                                                              | -76.8               | H                                         | 3.0             | 6.8            | 11.74                    | -58.2         | -25.0          | -33.2         |       |
|        | 10710.00                                                                             | -79.6               | H                                         | 3.0             | 12.4           | 11.74                    | -55.4         | -25.0          | -30.4         | NF    |
|        | 13387.50                                                                             | -80.4               | H                                         | 3.0             | 15.1           | 11.74                    | -53.6         | -25.0          | -28.6         | NF    |
|        | NF : Noise Floor                                                                     |                     |                                           |                 |                |                          |               |                |               |       |

END OF REPORT