



Test report No.: 25B0338R-SAUSV01S-A

## SAR Test Report

|                                                            |                                                                                                     |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Product Name                                               | 5G WWAN Module                                                                                      |
| Trademark                                                  | Foxconn                                                                                             |
| Model and /or type reference                               | T99W696                                                                                             |
| Applicant's name / address                                 | Hon Lin Technology Co., Ltd<br>11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114,<br>Taiwan R.O.C. |
| Manufacturer's name                                        | Hon Lin Technology Co., Ltd                                                                         |
| FCC ID                                                     | 2AQ68W696T6                                                                                         |
| Applicable Standard                                        | IEEE 1528-2013<br>KDB 447498 D01 v06<br>KDB 865664 D01 v01r04                                       |
| Test Result                                                | Refer to Section 1.1                                                                                |
| Verdict Summary                                            | IN COMPLIANCE                                                                                       |
| Documented By<br>(Senior Project Specialist / Genie Chang) | <i>Genie Chang</i>                                                                                  |
| Tested By<br>(Senior Engineer / Luke Cheng)                | <i>luke cheng</i>                                                                                   |
| Approved By<br>(Assistant Manager / San Lin)               | <i>San Lin</i>                                                                                      |
| Date of Receipt                                            | 2025/11/12                                                                                          |
| Date of Issue                                              | 2026/03/16                                                                                          |
| Report Version                                             | V1.0                                                                                                |

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## Competences and Guarantees

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DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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## General conditions

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1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## Revision History

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| Report No.          | Version | Description              | Issued Date |
|---------------------|---------|--------------------------|-------------|
| 25B0338R-SAUSV01S-A | V1.0    | Initial issue of report. | 2026/03/16  |

## 1. General Information

### 1.1 EUT Description

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                 | 5G WWAN Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Trademark                    | Foxconn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Model and /or type reference | T99W696                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| FCC ID                       | 2AQ68W696T6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequency Range (Licensed)   | WCDMA B2: 1850 -1910 MHz<br>WCDMA B4: 1710 -1755 MHz<br>WCDMA B5: 824 -849 MHz<br>LTE Band 2: 1850-1910 MHz<br>LTE Band 4: 1710-1755 MHz<br>LTE Band 5: 824-849 MHz<br>LTE Band 7: 2500-2570 MHz<br>LTE Band 12: 699-716 MHz<br>LTE Band 13: 777-787 MHz<br>LTE Band 14: 788-798 MHz<br>LTE Band 17: 704-716 MHz<br>LTE Band 25: 1850-1915 MHz<br>LTE Band 26: 814-849 MHz<br>LTE Band 30: 2305-2315 MHz<br>LTE Band 38: 2570-2620 MHz<br>LTE Band 41: 2496-2690 MHz<br>LTE Band 42: 3450-3550 MHz, 3550-3600 MHz<br>LTE Band 43: 3600-3700 MHz, 3700-3800 MHz<br>LTE Band 48: 3550-3700 MHz<br>LTE Band 66: 1710-1780 MHz<br>LTE Band 71: 663-698 MHz<br>NR n2 : 1850-1910 MHz<br>NR n5 : 824-849 MHz<br>NR n7 : 2500-2570 MHz<br>NR n12 : 699-716 MHz<br>NR n13: 777-787 MHz<br>NR n14 : 788-798 MHz<br>NR n25 : 1850-1915 MHz<br>NR n26 : 814-849 MHz<br>NR n30 : 2305-2315 MHz<br>NR n38 : 2570-2620 MHz<br>NR n41 : 2496-2690 MHz<br>NR n48 : 3550-3700 MHz<br>NR n66 : 1710-1780 MHz<br>NR n71 : 663-698 MHz |

|                         |                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                         | NR n77 : 3450-3550 MHz, 3500-3700 MHz, 3700-3980 MHz<br>NR n78 : 3450-3550 MHz, 3500-3700 MHz, 3700-3800 MHz                      |
| Type of Modulation      | WCDMA: RMC 12.2Kbps, HSDPA, HSUPA<br>LTE: QPSK/16QAM/64QAM/256QAM<br>5G NR: DFT-s-OFDM/CP-OFDM//Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM |
| Antenna Type            | PIFA                                                                                                                              |
| Device Category         | Portable                                                                                                                          |
| RF Exposure Environment | Uncontrolled                                                                                                                      |

| Sample ID                                                                                                                                          | Model    | WLAN Module         | CPU   | Antenna Vendor |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-------|----------------|
| Sample 1                                                                                                                                           | TP00177A | Intel_BE211D2W      | Intel | AWAN           |
| Sample 2                                                                                                                                           | TP00177A | Intel_BE211D2W      | Intel | Luxshare-ICT   |
| Sample 3                                                                                                                                           | TP00177B | MediaTek_MT7925B14L | AMD   | AWAN           |
| Sample 4                                                                                                                                           | TP00177B | MediaTek_MT7925B14L | AMD   | Luxshare-ICT   |
| Sample 1 was selected as the main test sample, and Samples 2, 3, and 4 were spot-checked in the worst-case configuration identified from Sample 1. |          |                     |       |                |

| Summary of test result – Reported 1g Body SAR (W/kg) |                      |
|------------------------------------------------------|----------------------|
| Test configuration                                   | Licensed             |
| Standalone                                           | 1.105                |
| Simultaneous                                         | 5.290 (SPLSR = 0.02) |

| Host Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Product Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Notebook Computer     |
| Model Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TP00177A, TP00177B    |
| Brand Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lenovo                |
| WLAN Module 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Intel / BE211D2W      |
| WLAN Module 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MediaTek / MT7925B14L |
| NFC Module                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FOXCONN / T77H747     |
| <p>1. In the tested configurations, either the Intel BE211D2W (FCC ID: PD9BE211D2) or the MediaTek MT7925B14L (FCC ID: RAS-MT7925B14L) is integrated into this host, depending on the platform configuration. Simultaneous transmission with WWAN has been evaluated in Section 9.</p> <p>2. The NFC module (FCC ID: MCLT77H747) is integrated into this host. When overlapping transmissions occur between NFC and other radios, they are treated as simultaneous transmission conditions and are subject to evaluation. Overlapping transmissions occurring during network handoff processes with a duration of less than approximately 30 seconds are considered transient and are excluded from simultaneous transmission evaluation based on system design and protocol limitations.</p> |                       |

## 1.2 Antenna List

| WWAN Antenna Information |              |              |                 |      |
|--------------------------|--------------|--------------|-----------------|------|
| Main Antenna             | Manufacturer | AWAN         | Peak gain (dBi) | 1.99 |
|                          | Part number  | DC33002BF10  | Type            | PIFA |
|                          | Manufacturer | Luxshare-ICT | Peak gain (dBi) | 1.99 |
|                          | Part number  | DC33002BM10  | Type            | PIFA |
| MIMO2 Antenna            | Manufacturer | AWAN         | Peak gain (dBi) | 1.56 |
|                          | Part number  | DC33002BF20  | Type            | PIFA |
|                          | Manufacturer | Luxshare-ICT | Peak gain (dBi) | 1.56 |
|                          | Part number  | DC33002BM20  | Type            | PIFA |

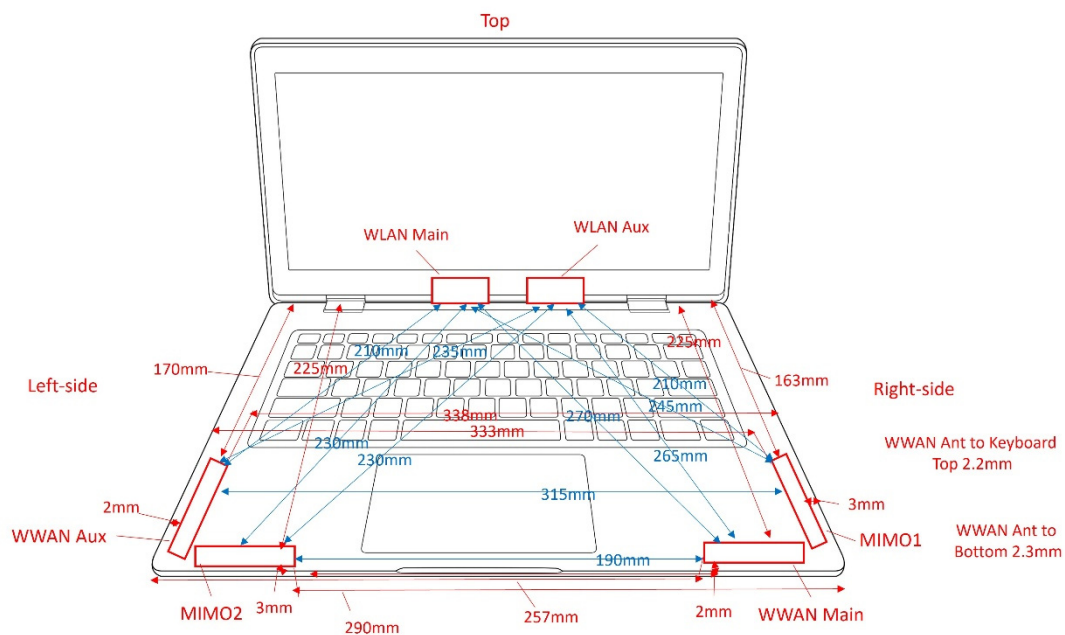
Note:

1. The above EUT information is provided by the host manufacturer.
2. This device has two antenna vendors. In this report, AWAN was selected as the main test, and Luxshare-ICT was spot-checked in the worst-case configuration identified from the AWAN results.

### 1.3 SAR Test Exclusion Calculation

According to KDB Publication 616217 D04, SAR evaluation is required for the bottom surface of the laptop keyboard.

The laptop does not support flip to PAD mode, the WWAN antenna is installed on the keyboard, the distance from the bottom is 2.3 mm, and considering that the antenna distance from the front edge is 2-3 mm, was tested the bottom and front edge of the keyboard.



## 1.4 Test Environment

Ambient conditions in the laboratory:

Test Date: 2026/01/25 - 2026/02/18

| Items            | Required | Actual  |
|------------------|----------|---------|
| Temperature (°C) | 18-25    | 23 ± 2  |
| Humidity (%RH)   | 30-70    | 50 ± 20 |

|        |                                                       |
|--------|-------------------------------------------------------|
| USA    | FCC Designation Number: TW0033                        |
| Canada | CAB Identifier Number: TW3023 / Company Number: 26930 |

|                  |                         |
|------------------|-------------------------|
| Site Description | Accredited by TAF       |
|                  | Accredited Number: 3023 |

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| Test Laboratory    | DEKRA Testing and Certification Co., Ltd.                                 |
|                    | Linkou Laboratory                                                         |
| Address            | No. 85, Wenlin St., Linkou Dist., New Taipei City 244017, Taiwan, R.O.C.  |
| Performed Location | No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C. |
| Phone Number       | +886-3-275-7255                                                           |
| Fax Number         | +886-3-327-8031                                                           |

## **1.5 Measurement procedures**

IEEE 1528-2013

47CFR § 2.1093

KDB 447498 D01 v06

KDB 616217 D04 v01r02

KDB 865664 D01 v01r04

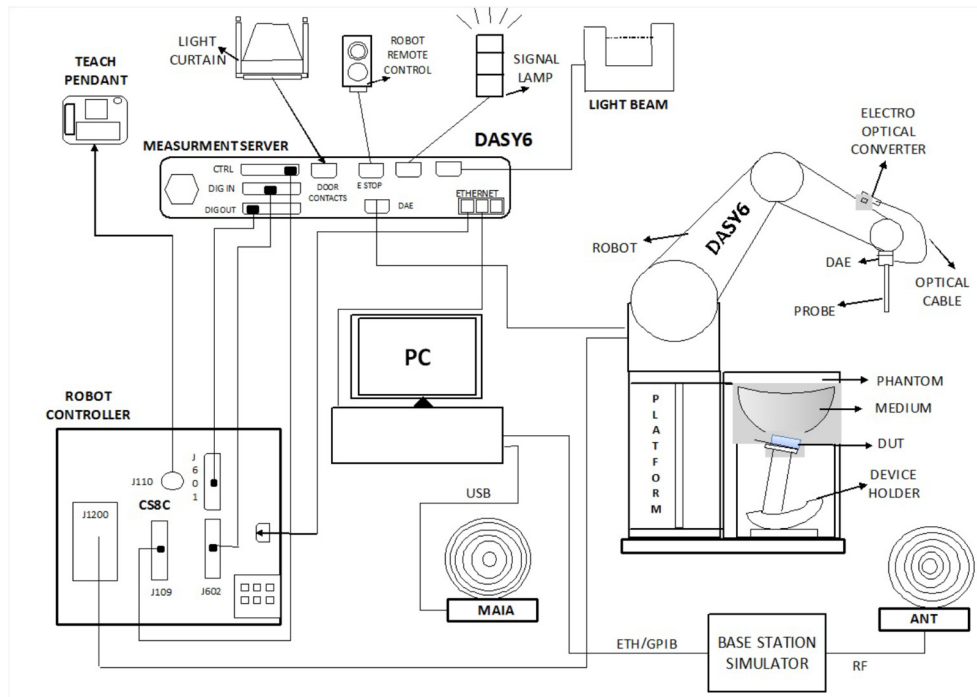
KDB 941225 D01 v03r01

KDB 941225 D05 v02r05

## 2. SAR Measurement System

### 2.1 DASY System Description

SAR Configurations is shown below:



The DASY system for performing compliance tests consists of the following items:

- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7/8/10 and the DASY software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

## 2.2 Area Scans

Area scans are defined prior to the measurement process being executed with a user defined variable spacing between each measurement point (integral) allowing low uncertainty measurements to be conducted. Scans defined for utilize a 10mm<sup>2</sup> step integral, with 1mm interpolation used to locate the peak SAR area used for zoom scan assessments.

When an Area Scan has measured all reachable points, it computes the field maxima found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing.

### 2.2.1 Zoom Scan (Cube Scan Averaging)

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. A density of 1000 kg/m<sup>3</sup> is used to represent the head and body tissue density and not the phantom liquid density, in order to be consistent with the definition of the liquid dielectric properties, i.e. the side length of the 1 g cube is 10mm, with the side length of the 10 g cube 21,5mm.

The zoom scan integer steps can be user defined so as to reduce uncertainty, but normal practice for typical test applications utilize a physical step of 5x5x7 (8mmx8mmx5mm) providing a volume of 32mm in the X & Y axis, and 30mm in the Z axis.

### 2.2.2 SAR measurement drifts

Before an area scan and after the zoom scan, single point SAR measurements are performed at defined locations to estimate the SAR measurement drift due to device output power variations. If a device is known to drift randomly, additional single point drift reference measurements should be performed at regular intervals throughout the area and zoom scan test durations. The SAR drift shall be kept within  $\pm 5\%$ , whether there are substantial drifts or not. The field difference will be calculated in dB units in the DASY software.

### 2.2.3 Uncertainty of Inter-/Extrapolation and Averaging

In order to evaluate the uncertainty of the interpolation, extrapolation and averaged SAR calculation algorithms of the Postprocessor, DASY allows the generation of measurement grids which are artificially predefined by analytically based test functions. Therefore, the grids of area scans and zoom scans can be filled with uncertainty test data, according to the SAR benchmark functions.

### 2.3 DASY E-Field Probe

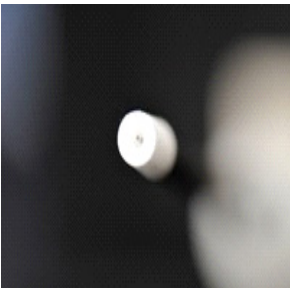
The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency.

SPEAG conducts the probe calibration in compliance with international and national standards under ISO 17025. The calibration data are in Appendix D.

#### Isotropic E-Field Probe Specification

|               |                                                                                                                                                                                                            |                                                                                       |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Model         | Ex3DV4                                                                                                                                                                                                     |                                                                                       |
| Construction  | Symmetrical design with triangular core Built-in shielding against static charges<br>PEEK enclosure material (resistant to organic solvents, e.g., DGBE)                                                   |                                                                                       |
| Frequency     | 4 MHz – 10 GHz<br>Linearity: $\pm 0.2$ dB (30 MHz to 10 GHz)                                                                                                                                               |  |
| Directivity   | $\pm 0.1$ dB in TSL (rotation around probe axis)<br>$\pm 0.3$ dB in TSL (rotation normal to probe axis)                                                                                                    |                                                                                       |
| Dynamic Range | 10 $\mu$ W/g to 100 mW/g<br>Linearity: $\pm 0.2$ dB (noise: typically $< 1$ $\mu$ W/g)                                                                                                                     |                                                                                       |
| Dimensions    | Overall length: 337 mm (Tip: 20 mm)<br>Tip diameter: 2.5 mm (Body: 12 mm)<br>Typical distance from probe tip to dipole centers: 1 mm                                                                       |                                                                                       |
| Application   | High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%. |                                                                                       |

### E-Field mm-Wave Probe Specification

|                    |                                                                                                                                                                                                                             |                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model              | EUmmWVx                                                                                                                                                                                                                     |                                                                                     |
| Construction       | Two dipoles optimally arranged to obtain pseudo-vector information<br>Minimum three measurements/point, 120° rotated around probe axis<br>Sensors (0.8 mm length) printed on glass substrate protected by high density foam |                                                                                     |
| Frequency          | 750 MHz to 110 GHz                                                                                                                                                                                                          |  |
| Dynamic Range      | < 20 V/m to 10000 V/m with PRE-10<br>(min < 20 V/m to 2000 V/m)                                                                                                                                                             |                                                                                     |
| Position Precision | < 0.2 mm                                                                                                                                                                                                                    |                                                                                     |
| Dimensions         | Overall length: 337 mm (tip: 20 mm)<br>Tip diameter: encapsulation 8 mm<br>(internal sensor < 1mm)<br>Distance from probe tip to dipole centers:<br>< 2 mm<br>Sensor displacement to probe's calibration point: < 0.3 mm    |                                                                                     |
| Application        | E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space)<br>Power density, H-field, and far-field analysis using total field reconstruction      |                                                                                     |

## 2.4 DATA Acquisition Electronics (DAE) and Measurement Server

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16-bit AD-converter and a command decoder and control logic unit.

Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE4 is 200M Ohm; the inputs are symmetrical and floating. Common mode rejection is above 80dB.



## 2.5 Robot

The DASY system uses the high precision robots TX90 XL type out of the newer series from Stäubli SA (France). For the 6-axis controller DASY system, the CS8C robot controller version from Stäubli is used.

The XL robot series have many features that are important for our application:

- High precision (repeatability 0.02 mm)
- High reliability (industrial design)
- Jerk-free straight movements
- Low ELF interference (the closed metallic construction shields against motor control fields)
- 6-axis controller

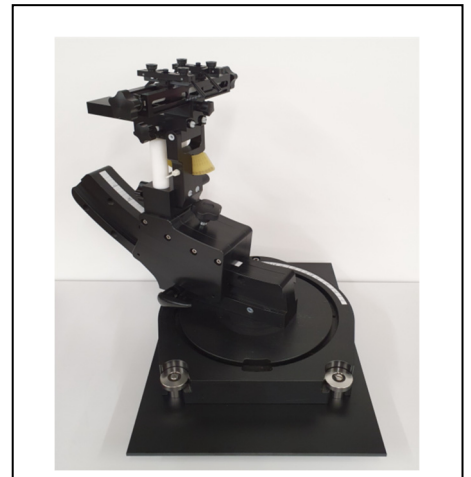


## 2.6 Device Holder

The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles.

The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity  $\epsilon_r = 3$  and loss tangent  $\delta = 0.02$ . The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.

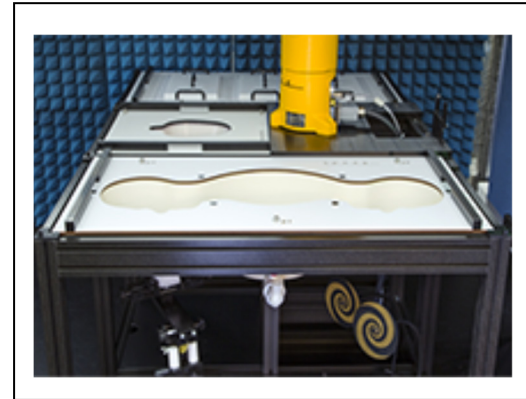


## 2.7 Phantom

### 2.7.1 SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:

- Left head
- Right head
- Flat phantom



The device holder positions are adjusted to the standard measurement positions in the three sections. A cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

### 2.7.2 mmWave Phantom

The mmWave Phantom approximates free-space conditions, allowing to evaluate not only the antenna side of the device but also the front (screen) side or any opposite-radiating side of wireless devices operating above 10 GHz without distorting the RF field. It consists of a 40 mm thick Rohacell plate used as a test bed, which has a loss tangent ( $\tan\delta$ )  $\leq 0.05$  and a relative permittivity ( $\epsilon_r$ )  $\leq 1.2$ . High-performance RF absorbers are placed below the foam.



### 3. Tissue Simulating Liquid

#### 3.1 The composition of the tissue simulating liquid

**Description:** Aqueous solution with surfactants and inhibitors

**Declarable, or hazardous components:**

|                                                                        |                                                                                                                        |        |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------|
| CAS: 107-21-1<br>EINECS: 203-473-3<br>Reg.nr.: 01-2119456816-28-0000   | <b>Ethanediol</b><br>STOT RE 2, H373;<br>Acute Tox. 4, H302                                                            | < 5.2% |
| CAS: 68608-26-4<br>EINECS: 271-781-5<br>Reg.nr.: 01-2119527859-22-0000 | <b>Sodium petroleum sulfonate</b><br>Eye Irrit. 2, H319                                                                | < 2.9% |
| CAS: 107-41-5<br>EINECS: 203-489-0<br>Reg.nr.: 01-2119539582-35-0000   | <b>Hexylene Glycol / 2-Methyl-pentane-2,4-diol</b><br>Skin Irrit. 2, H315; Eye Irrit. 2, H319                          | < 2.9% |
| CAS: 68920-66-1<br>NLP: 500-236-9<br>Reg.nr.: 01-2119489407-26-0000    | <b>Alkoxylated alcohol, &gt; C<sub>16</sub></b><br>Aquatic Chronic 2, H411;<br>Skin Irrit. 2, H315; Eye Irrit. 2, H319 | < 2.0% |

#### 3.2 Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using Dielectric Probe Kit and Vector Network Analyzer.

| Date      | Tissue Type | Frequency (MHz) | Relative Permittivity (er) |        |           | Conductivity (σ) |        |           | Tissue Temp. (°C) |
|-----------|-------------|-----------------|----------------------------|--------|-----------|------------------|--------|-----------|-------------------|
|           |             |                 | Measured                   | Target | Delta (%) | Measured         | Target | Delta (%) |                   |
| 2026/1/25 | Head        | 750             | 41.70                      | 41.90  | -0.48     | 0.93             | 0.89   | 4.49      | 22.1              |
| 2026/1/25 | Head        | 673             | 42.10                      | 42.31  | -0.50     | 0.87             | 0.89   | -2.25     | 22.1              |
| 2026/1/25 | Head        | 680.5           | 42.10                      | 42.27  | -0.40     | 0.88             | 0.89   | -1.12     | 22.1              |
| 2026/1/25 | Head        | 683             | 42.00                      | 42.26  | -0.62     | 0.90             | 0.89   | 1.12      | 22.1              |
| 2026/1/25 | Head        | 688             | 42.00                      | 42.23  | -0.54     | 0.91             | 0.89   | 2.25      | 22.1              |
| 2026/1/28 | Head        | 750             | 41.50                      | 41.90  | -0.95     | 0.88             | 0.89   | -1.12     | 22                |
| 2026/1/28 | Head        | 702.8           | 41.60                      | 42.16  | -1.33     | 0.85             | 0.89   | -4.49     | 22                |
| 2026/1/28 | Head        | 704             | 41.80                      | 42.15  | -0.83     | 0.86             | 0.89   | -3.37     | 22                |
| 2026/1/28 | Head        | 707.5           | 41.70                      | 42.13  | -1.02     | 0.86             | 0.89   | -3.37     | 22                |
| 2026/1/28 | Head        | 711             | 41.70                      | 42.11  | -0.97     | 0.87             | 0.89   | -2.25     | 22                |
| 2026/1/28 | Head        | 782             | 41.40                      | 41.75  | -0.84     | 0.88             | 0.89   | -1.12     | 22                |
| 2026/1/28 | Head        | 793             | 41.30                      | 41.70  | -0.96     | 0.93             | 0.90   | 3.33      | 22                |
| 2026/1/29 | Head        | 750             | 41.30                      | 41.90  | -1.43     | 0.87             | 0.89   | -2.25     | 21.8              |
| 2026/1/29 | Head        | 706.5           | 41.50                      | 42.13  | -1.50     | 0.85             | 0.89   | -4.49     | 21.8              |
| 2026/1/29 | Head        | 707.5           | 41.50                      | 42.13  | -1.50     | 0.85             | 0.89   | -4.49     | 21.8              |
| 2026/1/29 | Head        | 708.5           | 41.50                      | 42.12  | -1.47     | 0.85             | 0.89   | -4.49     | 21.8              |
| 2026/1/29 | Head        | 782             | 41.20                      | 41.75  | -1.32     | 0.89             | 0.89   | 0.00      | 21.8              |
| 2026/1/29 | Head        | 793             | 41.00                      | 41.70  | -1.68     | 0.93             | 0.90   | 3.33      | 21.8              |

|           |      |        |       |       |       |      |      |       |      |
|-----------|------|--------|-------|-------|-------|------|------|-------|------|
| 2026/2/1  | Head | 835    | 43.50 | 41.50 | 4.82  | 0.93 | 0.90 | 3.33  | 22.2 |
| 2026/2/1  | Head | 826.4  | 43.50 | 41.54 | 4.72  | 0.92 | 0.90 | 2.22  | 22.2 |
| 2026/2/1  | Head | 836.6  | 43.40 | 41.50 | 4.58  | 0.93 | 0.90 | 3.33  | 22.2 |
| 2026/2/1  | Head | 846.6  | 43.40 | 41.50 | 4.58  | 0.94 | 0.91 | 3.30  | 22.2 |
| 2026/2/3  | Head | 835    | 41.20 | 41.50 | -0.72 | 0.87 | 0.90 | -3.33 | 22.3 |
| 2026/2/3  | Head | 821.5  | 41.40 | 41.57 | -0.41 | 0.86 | 0.90 | -4.44 | 22.3 |
| 2026/2/3  | Head | 824    | 41.40 | 41.55 | -0.36 | 0.86 | 0.90 | -4.44 | 22.3 |
| 2026/2/3  | Head | 831.5  | 41.30 | 41.52 | -0.53 | 0.87 | 0.90 | -3.33 | 22.3 |
| 2026/2/3  | Head | 836.5  | 41.20 | 41.50 | -0.72 | 0.87 | 0.90 | -3.33 | 22.3 |
| 2026/2/3  | Head | 839    | 41.20 | 41.50 | -0.72 | 0.89 | 0.90 | -1.11 | 22.3 |
| 2026/2/3  | Head | 841.5  | 41.00 | 41.50 | -1.20 | 0.90 | 0.91 | -1.10 | 22.3 |
| 2026/2/1  | Head | 1750   | 40.00 | 40.10 | -0.25 | 1.35 | 1.37 | -1.46 | 22.2 |
| 2026/2/1  | Head | 1712.4 | 40.10 | 40.13 | -0.07 | 1.32 | 1.35 | -2.22 | 22.2 |
| 2026/2/1  | Head | 1732.6 | 40.10 | 40.12 | -0.05 | 1.33 | 1.36 | -2.21 | 22.2 |
| 2026/2/1  | Head | 1752.6 | 40.10 | 40.10 | 0.00  | 1.35 | 1.37 | -1.46 | 22.2 |
| 2026/2/5  | Head | 1750   | 39.00 | 40.10 | -2.74 | 1.32 | 1.37 | -3.65 | 21.7 |
| 2026/2/5  | Head | 1720   | 39.10 | 40.13 | -2.57 | 1.31 | 1.35 | -2.96 | 21.7 |
| 2026/2/5  | Head | 1745   | 39.10 | 40.10 | -2.49 | 1.32 | 1.37 | -3.65 | 21.7 |
| 2026/2/5  | Head | 1745.1 | 39.10 | 40.10 | -2.49 | 1.32 | 1.37 | -3.65 | 21.7 |
| 2026/2/5  | Head | 1750.1 | 39.00 | 40.10 | -2.74 | 1.33 | 1.37 | -2.92 | 21.7 |
| 2026/2/5  | Head | 1770   | 39.00 | 40.06 | -2.65 | 1.34 | 1.38 | -2.90 | 21.7 |
| 2026/2/7  | Head | 1750   | 40.40 | 40.10 | 0.75  | 1.39 | 1.37 | 1.46  | 22.2 |
| 2026/2/7  | Head | 1730   | 40.50 | 40.12 | 0.95  | 1.37 | 1.36 | 0.74  | 22.2 |
| 2026/2/7  | Head | 1745   | 40.40 | 40.10 | 0.75  | 1.37 | 1.37 | 0.00  | 22.2 |
| 2026/2/7  | Head | 1760   | 40.40 | 40.08 | 0.80  | 1.39 | 1.38 | 0.72  | 22.2 |
| 2026/2/1  | Head | 1950   | 39.60 | 40.00 | -1.00 | 1.42 | 1.40 | 1.43  | 21.8 |
| 2026/2/1  | Head | 1852.4 | 39.90 | 40.00 | -0.25 | 1.39 | 1.40 | -0.71 | 21.8 |
| 2026/2/1  | Head | 1880   | 39.80 | 40.00 | -0.50 | 1.40 | 1.40 | 0.00  | 21.8 |
| 2026/2/1  | Head | 1907.6 | 39.70 | 40.00 | -0.75 | 1.41 | 1.40 | 0.71  | 21.8 |
| 2026/2/19 | Head | 1950   | 38.20 | 40.00 | -4.50 | 1.45 | 1.40 | 3.57  | 21.7 |
| 2026/2/19 | Head | 1860   | 38.50 | 40.00 | -3.75 | 1.42 | 1.40 | 1.43  | 21.7 |
| 2026/2/19 | Head | 1882.5 | 38.40 | 40.00 | -4.00 | 1.43 | 1.40 | 2.14  | 21.7 |
| 2026/2/19 | Head | 1905   | 38.30 | 40.00 | -4.25 | 1.44 | 1.40 | 2.86  | 21.7 |
| 2026/2/10 | Head | 1950   | 38.00 | 40.00 | -5.00 | 1.43 | 1.40 | 2.14  | 22   |
| 2026/2/10 | Head | 1860   | 38.30 | 40.00 | -4.25 | 1.40 | 1.40 | 0.00  | 22   |
| 2026/2/10 | Head | 1882.5 | 38.20 | 40.00 | -4.50 | 1.41 | 1.40 | 0.71  | 22   |
| 2026/2/10 | Head | 1905   | 38.10 | 40.00 | -4.75 | 1.42 | 1.40 | 1.43  | 22   |
| 2026/2/11 | Head | 2300   | 39.40 | 39.50 | -0.25 | 1.59 | 1.67 | -4.79 | 21.8 |
| 2026/2/11 | Head | 2310   | 39.40 | 39.48 | -0.20 | 1.60 | 1.68 | -4.76 | 21.8 |
| 2026/2/12 | Head | 2300   | 39.30 | 39.50 | -0.51 | 1.61 | 1.67 | -3.59 | 22.1 |

|           |      |         |       |       |       |      |      |       |      |
|-----------|------|---------|-------|-------|-------|------|------|-------|------|
| 2026/2/12 | Head | 2310    | 39.30 | 39.48 | -0.46 | 1.62 | 1.68 | -3.57 | 22.1 |
| 2026/1/27 | Head | 2600    | 38.90 | 39.00 | -0.26 | 1.89 | 1.96 | -3.57 | 22.2 |
| 2026/1/27 | Head | 2510    | 39.20 | 39.12 | 0.20  | 1.80 | 1.86 | -3.23 | 22.2 |
| 2026/1/27 | Head | 2525.1  | 39.10 | 39.10 | 0.00  | 1.81 | 1.88 | -3.72 | 22.2 |
| 2026/1/27 | Head | 2535    | 39.00 | 39.09 | -0.23 | 1.82 | 1.89 | -3.70 | 22.2 |
| 2026/1/27 | Head | 2560    | 39.00 | 39.05 | -0.13 | 1.85 | 1.92 | -3.65 | 22.2 |
| 2026/2/4  | Head | 2600    | 38.70 | 39.00 | -0.77 | 1.91 | 1.96 | -2.55 | 22   |
| 2026/2/4  | Head | 2506    | 39.10 | 39.13 | -0.08 | 1.81 | 1.86 | -2.69 | 22   |
| 2026/2/4  | Head | 2510    | 39.00 | 39.12 | -0.31 | 1.82 | 1.86 | -2.15 | 22   |
| 2026/2/4  | Head | 2549.5  | 38.90 | 39.07 | -0.44 | 1.85 | 1.91 | -3.14 | 22   |
| 2026/2/4  | Head | 2583.1  | 38.70 | 39.02 | -0.82 | 1.87 | 1.94 | -3.61 | 22   |
| 2026/2/4  | Head | 2593    | 38.70 | 39.01 | -0.79 | 1.90 | 1.95 | -2.56 | 22   |
| 2026/2/4  | Head | 2636.5  | 38.70 | 38.96 | -0.67 | 1.94 | 2.00 | -3.00 | 22   |
| 2026/2/4  | Head | 2680    | 38.60 | 38.90 | -0.77 | 1.99 | 2.05 | -2.93 | 22   |
| 2026/2/6  | Head | 2600    | 38.50 | 39.00 | -1.28 | 1.93 | 1.96 | -1.53 | 21.7 |
| 2026/2/6  | Head | 2506    | 38.80 | 39.13 | -0.84 | 1.83 | 1.86 | -1.61 | 21.7 |
| 2026/2/6  | Head | 2510    | 38.80 | 39.12 | -0.82 | 1.84 | 1.86 | -1.08 | 21.7 |
| 2026/2/6  | Head | 2549.5  | 38.70 | 39.07 | -0.95 | 1.87 | 1.91 | -2.09 | 21.7 |
| 2026/2/6  | Head | 2583.1  | 38.60 | 39.02 | -1.08 | 1.89 | 1.94 | -2.58 | 21.7 |
| 2026/2/6  | Head | 2593    | 38.50 | 39.01 | -1.31 | 1.92 | 1.95 | -1.54 | 21.7 |
| 2026/2/6  | Head | 2636.5  | 38.50 | 38.96 | -1.18 | 1.96 | 2.00 | -2.00 | 21.7 |
| 2026/2/6  | Head | 2680    | 38.40 | 38.90 | -1.29 | 2.01 | 2.05 | -1.95 | 21.7 |
| 2026/1/31 | Head | 2600    | 38.00 | 39.00 | -2.56 | 2.00 | 1.96 | 2.04  | 22.3 |
| 2026/1/31 | Head | 2525    | 38.20 | 39.10 | -2.30 | 1.92 | 1.88 | 2.13  | 22.3 |
| 2026/1/31 | Head | 2535    | 38.10 | 39.09 | -2.53 | 1.93 | 1.89 | 2.12  | 22.3 |
| 2026/1/31 | Head | 2545    | 38.10 | 39.07 | -2.48 | 1.94 | 1.90 | 2.11  | 22.3 |
| 2026/2/8  | Head | 2615.1  | 38.00 | 38.98 | -2.51 | 2.03 | 1.98 | 2.53  | 22.3 |
| 2026/2/8  | Head | 2600    | 39.90 | 39.00 | 2.31  | 2.05 | 1.96 | 4.59  | 22.1 |
| 2026/2/8  | Head | 2546.01 | 40.00 | 39.07 | 2.38  | 1.99 | 1.90 | 4.74  | 22.1 |
| 2026/2/8  | Head | 2569.5  | 40.00 | 39.04 | 2.46  | 2.01 | 1.93 | 4.15  | 22.1 |
| 2026/2/8  | Head | 2592.99 | 39.90 | 39.01 | 2.28  | 2.04 | 1.95 | 4.62  | 22.1 |
| 2026/2/8  | Head | 2616.51 | 39.90 | 38.98 | 2.36  | 2.06 | 1.98 | 4.04  | 22.1 |
| 2026/2/8  | Head | 2640    | 39.70 | 38.95 | 1.93  | 2.09 | 2.00 | 4.50  | 22.1 |
| 2026/2/9  | Head | 2600    | 40.10 | 39.00 | 2.82  | 2.03 | 1.96 | 3.57  | 21.9 |
| 2026/2/9  | Head | 2546.01 | 40.20 | 39.07 | 2.89  | 1.96 | 1.90 | 3.16  | 21.9 |
| 2026/2/9  | Head | 2569.5  | 40.20 | 39.04 | 2.97  | 1.98 | 1.93 | 2.59  | 21.9 |
| 2026/2/9  | Head | 2592.99 | 40.10 | 39.01 | 2.79  | 2.01 | 1.95 | 3.08  | 21.9 |
| 2026/2/9  | Head | 2616.51 | 40.10 | 38.98 | 2.87  | 2.03 | 1.98 | 2.53  | 21.9 |
| 2026/2/9  | Head | 2640    | 39.90 | 38.95 | 2.44  | 2.06 | 2.00 | 3.00  | 21.9 |
| 2026/2/16 | Head | 3500    | 38.30 | 37.95 | 0.92  | 2.90 | 2.92 | -0.68 | 22.1 |

|           |      |          |       |       |       |      |      |       |      |
|-----------|------|----------|-------|-------|-------|------|------|-------|------|
| 2026/2/16 | Head | 3460     | 38.20 | 37.99 | 0.55  | 2.85 | 2.87 | -0.70 | 22.1 |
| 2026/2/10 | Head | 3490.1   | 38.00 | 37.96 | 0.11  | 2.88 | 2.91 | -1.03 | 22.1 |
| 2026/2/10 | Head | 3503.3   | 38.00 | 37.95 | 0.13  | 2.90 | 2.92 | -0.68 | 22.1 |
| 2026/2/10 | Head | 3546.7   | 37.90 | 37.90 | 0.00  | 2.95 | 2.96 | -0.34 | 22.1 |
| 2026/2/10 | Head | 3565.1   | 37.80 | 37.88 | -0.21 | 2.97 | 2.98 | -0.34 | 22.1 |
| 2026/2/10 | Head | 3590     | 37.70 | 37.85 | -0.40 | 2.99 | 3.01 | -0.66 | 22.1 |
| 2026/2/17 | Head | 3500     | 39.00 | 37.95 | 2.77  | 2.99 | 2.92 | 2.40  | 21.8 |
| 2026/2/17 | Head | 3500.01  | 39.00 | 37.95 | 2.77  | 3.00 | 2.92 | 2.74  | 21.8 |
| 2026/2/18 | Head | 3500     | 39.20 | 37.95 | 3.29  | 3.01 | 2.92 | 3.08  | 22.1 |
| 2026/2/18 | Head | 3500.01  | 39.20 | 37.95 | 3.29  | 3.02 | 2.92 | 3.42  | 22.1 |
| 2026/2/13 | Head | 3700     | 37.60 | 37.73 | -0.34 | 3.02 | 3.12 | -3.21 | 22.3 |
| 2026/2/13 | Head | 3560     | 37.90 | 37.88 | 0.05  | 2.96 | 2.98 | -0.67 | 22.3 |
| 2026/2/13 | Head | 3603.3   | 37.70 | 37.84 | -0.37 | 2.92 | 3.02 | -3.31 | 22.3 |
| 2026/2/13 | Head | 3646.7   | 37.70 | 37.79 | -0.24 | 2.96 | 3.07 | -3.58 | 22.3 |
| 2026/2/13 | Head | 3690     | 37.60 | 37.74 | -0.37 | 3.01 | 3.11 | -3.22 | 22.3 |
| 2026/2/14 | Head | 3700     | 37.50 | 37.73 | -0.61 | 3.04 | 3.12 | -2.56 | 22   |
| 2026/2/14 | Head | 3570     | 37.80 | 37.87 | -0.18 | 2.90 | 2.99 | -3.01 | 22   |
| 2026/2/14 | Head | 3606.66  | 37.80 | 37.83 | -0.08 | 2.92 | 3.02 | -3.31 | 22   |
| 2026/2/14 | Head | 3643.315 | 37.60 | 37.79 | -0.50 | 2.96 | 3.06 | -3.27 | 22   |
| 2026/2/14 | Head | 3679.98  | 37.60 | 37.75 | -0.40 | 2.99 | 3.10 | -3.55 | 22   |
| 2026/2/15 | Head | 3700     | 37.10 | 37.73 | -1.67 | 2.99 | 3.12 | -4.17 | 21.9 |
| 2026/2/15 | Head | 3710     | 37.00 | 37.72 | -1.91 | 3.00 | 3.13 | -4.15 | 21.9 |
| 2026/2/15 | Head | 3750     | 36.70 | 37.68 | -2.60 | 3.03 | 3.17 | -4.42 | 21.9 |
| 2026/2/15 | Head | 3790     | 36.40 | 37.63 | -3.27 | 3.07 | 3.21 | -4.36 | 21.9 |
| 2026/2/17 | Head | 3900     | 38.40 | 37.51 | 2.37  | 3.33 | 3.33 | 0.00  | 21.8 |
| 2026/2/17 | Head | 3750     | 38.60 | 37.68 | 2.44  | 3.17 | 3.17 | 0.00  | 21.8 |
| 2026/2/17 | Head | 3840     | 38.50 | 37.58 | 2.45  | 3.26 | 3.27 | -0.31 | 21.8 |
| 2026/2/17 | Head | 3930     | 38.30 | 37.48 | 2.19  | 3.36 | 3.36 | 0.00  | 21.8 |
| 2026/2/18 | Head | 3900     | 38.60 | 37.51 | 2.91  | 3.35 | 3.33 | 0.60  | 22.1 |
| 2026/2/18 | Head | 3750     | 38.80 | 37.68 | 2.97  | 3.19 | 3.17 | 0.63  | 22.1 |
| 2026/2/18 | Head | 3840     | 38.70 | 37.58 | 2.98  | 3.28 | 3.27 | 0.31  | 22.1 |
| 2026/2/18 | Head | 3930     | 38.50 | 37.48 | 2.72  | 3.38 | 3.36 | 0.60  | 22.1 |

### 3.3 Tissue Dielectric Parameters for Phantoms

The head tissue dielectric parameters recommended by the IEC/IEEE 62209-1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in a human head. Other head tissue parameters that have not been specified are interpolated according to the head parameters specified in IEC/IEEE 62209-1528.

| Target Frequency<br>(MHz) | Head         |                |
|---------------------------|--------------|----------------|
|                           | $\epsilon_r$ | $\sigma$ (S/m) |
| 450                       | 43.5         | 0.87           |
| 750                       | 41.9         | 0.89           |
| 835                       | 41.5         | 0.90           |
| 900                       | 41.5         | 0.97           |
| 1450                      | 40.5         | 1.20           |
| 1640                      | 40.2         | 1.31           |
| 1750                      | 40.1         | 1.37           |
| 1800 – 2000               | 40.0         | 1.40           |
| 2450                      | 39.2         | 1.80           |
| 3000                      | 38.5         | 2.40           |
| 5000                      | 36.2         | 4.45           |
| 5200                      | 36.0         | 4.66           |
| 5400                      | 35.8         | 4.86           |
| 5600                      | 35.5         | 5.07           |
| 5800                      | 35.3         | 5.27           |
| 6000                      | 35.1         | 5.48           |
| 6500                      | 34.5         | 6.07           |
| 7000                      | 33.9         | 6.65           |
| 7500                      | 33.3         | 7.24           |

## 4. Measurement Procedure

### 4.1 SAR System Check

#### 4.1.1 Dipoles



The SAR dipoles are optimized symmetrical dipole with  $\lambda/4$  balun matched to a Flat phantom section filled with tissue simulating liquids. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC signals. They are available for the variety of frequencies between 300MHz and 10 GHz. The provided tripod is used to hold the dipole below the phantom. As the distance between the dipole center and the TSL is critical, a spacer is placed between the dipole and the phantom. The spacing distance is frequency dependent.

#### 4.1.2 SAR System Check Result

1. Comparing to the original SAR value provided by SPEAG, the verification data should be within its specification of 10 %.
2. Below table shows the target SAR and measured SAR after normalized to 1W input power. The table below indicates the system performance check can meet the variation criterion and the plots can be referred to Appendix A of this report.

| Date      | Frequency (MHz) | Input Power (mW) | Measured 1g SAR (W/kg) | Targeted 1g SAR (W/kg) | Normalized 1g SAR (W/kg) | Delta 1g $\pm 10$ (%) | Measured 10g SAR (W/kg) | Targeted 10g SAR (W/kg) | Normalized 10g SAR (W/kg) | Delta 10g $\pm 10$ (%) | Tissue Temp. ( $^{\circ}\text{C}$ ) |
|-----------|-----------------|------------------|------------------------|------------------------|--------------------------|-----------------------|-------------------------|-------------------------|---------------------------|------------------------|-------------------------------------|
| 2026/1/25 | 750             | 250              | 2.34                   | 8.52                   | 9.36                     | 9.86                  | 1.52                    | 5.56                    | 6.08                      | 9.35                   | 22.1                                |
| 2026/1/28 | 750             | 250              | 2.32                   | 8.52                   | 9.28                     | 8.92                  | 1.51                    | 5.56                    | 6.04                      | 8.63                   | 22                                  |
| 2026/1/29 | 750             | 250              | 2.28                   | 8.52                   | 9.12                     | 7.04                  | 1.49                    | 5.56                    | 5.96                      | 7.19                   | 21.8                                |
| 2026/2/1  | 835             | 250              | 2.55                   | 9.36                   | 10.2                     | 8.97                  | 1.65                    | 6.05                    | 6.6                       | 9.09                   | 22.2                                |
| 2026/2/3  | 835             | 250              | 2.44                   | 9.36                   | 9.76                     | 4.27                  | 1.58                    | 6.05                    | 6.32                      | 4.46                   | 22.3                                |
| 2026/2/1  | 1750            | 250              | 9.34                   | 36.30                  | 37.36                    | 2.92                  | 5.01                    | 19.20                   | 20.04                     | 4.38                   | 22.2                                |
| 2026/2/5  | 1750            | 250              | 9.28                   | 36.30                  | 37.12                    | 2.26                  | 4.96                    | 19.20                   | 19.84                     | 3.33                   | 21.7                                |
| 2026/2/7  | 1750            | 250              | 9.22                   | 36.30                  | 36.88                    | 1.60                  | 4.86                    | 19.20                   | 19.44                     | 1.25                   | 22.2                                |
| 2026/2/1  | 1950            | 250              | 10.80                  | 40.20                  | 43.2                     | 7.46                  | 5.56                    | 21.10                   | 22.24                     | 5.40                   | 21.8                                |
| 2026/2/19 | 1950            | 250              | 10.20                  | 40.20                  | 40.8                     | 1.49                  | 5.35                    | 21.10                   | 21.4                      | 1.42                   | 21.7                                |
| 2026/2/10 | 1950            | 250              | 9.99                   | 40.20                  | 39.96                    | -0.60                 | 5.22                    | 21.10                   | 20.88                     | -1.04                  | 22                                  |
| 2026/2/11 | 2300            | 250              | 12.70                  | 48.20                  | 50.8                     | 5.39                  | 6.12                    | 23.30                   | 24.48                     | 5.06                   | 21.8                                |
| 2026/2/12 | 2300            | 250              | 12.80                  | 48.20                  | 51.2                     | 6.22                  | 6.18                    | 23.30                   | 24.72                     | 6.09                   | 22.1                                |

|           |      |     |       |       |      |       |      |       |       |       |      |
|-----------|------|-----|-------|-------|------|-------|------|-------|-------|-------|------|
| 2026/1/27 | 2600 | 250 | 14.90 | 56.10 | 59.6 | 6.24  | 6.69 | 25.00 | 26.76 | 7.04  | 22.2 |
| 2026/2/4  | 2600 | 250 | 14.20 | 56.10 | 56.8 | 1.25  | 6.34 | 25.00 | 25.36 | 1.44  | 22   |
| 2026/2/6  | 2600 | 250 | 13.60 | 56.10 | 54.4 | -3.03 | 6.05 | 25.00 | 24.2  | -3.20 | 21.7 |
| 2026/1/31 | 2600 | 250 | 13.30 | 56.10 | 53.2 | -5.17 | 5.91 | 25.00 | 23.64 | -5.44 | 22.3 |
| 2026/2/8  | 2600 | 250 | 12.90 | 56.10 | 51.6 | -8.02 | 5.77 | 25.00 | 23.08 | -7.68 | 22.1 |
| 2026/2/9  | 2600 | 250 | 13.40 | 56.10 | 53.6 | -4.46 | 6.11 | 25.00 | 24.44 | -2.24 | 21.9 |
| 2026/2/16 | 3500 | 100 | 6.39  | 65.60 | 63.9 | -2.59 | 2.48 | 24.80 | 24.8  | 0.00  | 22.1 |
| 2026/2/17 | 3500 | 100 | 6.26  | 65.60 | 62.6 | -4.57 | 2.28 | 24.80 | 22.8  | -8.06 | 21.8 |
| 2026/2/18 | 3500 | 100 | 6.31  | 65.60 | 63.1 | -3.81 | 2.33 | 24.80 | 23.3  | -6.05 | 22.1 |
| 2026/2/13 | 3700 | 100 | 6.50  | 69.50 | 65   | -6.47 | 2.43 | 25.50 | 24.3  | -4.71 | 22.3 |
| 2026/2/14 | 3700 | 100 | 6.44  | 69.50 | 64.4 | -7.34 | 2.41 | 25.50 | 24.1  | -5.49 | 22   |
| 2026/2/15 | 3700 | 100 | 6.35  | 69.50 | 63.5 | -8.63 | 2.37 | 25.50 | 23.7  | -7.06 | 21.9 |
| 2026/2/17 | 3900 | 100 | 7.15  | 69.30 | 71.5 | 3.17  | 2.58 | 24.10 | 25.8  | 7.05  | 21.8 |
| 2026/2/18 | 3900 | 100 | 7.11  | 69.30 | 71.1 | 2.60  | 2.49 | 24.10 | 24.9  | 3.32  | 22.1 |

## 4.2 SAR Measurement Procedure

The Dasy calculates SAR using the following equation,

$$\text{SAR} = \frac{\sigma |E|^2}{\rho}$$

Where :

$\sigma$ : represents the simulated tissue conductivity

$\rho$ : represents the tissue density

E :RMS electric field strength (V/m)

The SAR / APD measurements for the EUT should be performed on the channel that produces the highest rated output power of each transmitting antenna.

Pre-scans are made on the device to establish the location for the transmitting antenna, using a large area scan in either air or tissue simulation fluid.

The EUT is placed against the Universal Phantom where the maximum area scan dimensions are larger than the physical size of the resonating antenna. When the scan size is not large enough to cover the peak SAR / APD distribution, it is modified by either extending the area scan size in both the X and Y directions, or the device is shifted within the predefined area.

The area scan is then run to establish the peak SAR / APD location (interpolated resolution set at 1mm<sup>2</sup>) which is then used to orient the center of the zoom scan. The zoom scan is then executed and the 1g and 10g averages are derived from the zoom scan volume (interpolated resolution set at 1mm<sup>3</sup>).

## 5. RF Exposure Limits

SAR assessments have been made in line with the requirements of IEEE-1528, RSS-102 Issue 6, and comply with ANSI/IEEE C95.1-1992 “Uncontrolled Environments” limits. These limits apply to a location which is deemed as “Uncontrolled Environment” which can be described as a situation where the general public may be exposed to an RF source with no prior knowledge or control over their exposure.

### Limits for General Population/Uncontrolled Exposure (W/kg)

| Type Exposure                                            | Uncontrolled Environment Limit |
|----------------------------------------------------------|--------------------------------|
| Spatial Peak SAR (1g cube tissue for brain or body)      | <b>1.60 W/kg</b>               |
| Spatial Average SAR (whole body)                         | <b>0.08 W/kg</b>               |
| Spatial Peak SAR (10g for hands, feet, ankles and wrist) | <b>4.00 W/kg</b>               |

Note:  $1 \text{ mW/cm}^2 = 10 \text{ W/m}^2$

## 6. Test Equipment List

| Instrument                    | Manufacturer | Model No.     | Serial No.   | Last Calibration | Next Calibration |
|-------------------------------|--------------|---------------|--------------|------------------|------------------|
| Reference Dipole 750MHz       | Speag        | D750V3        | 1031         | 2023/05/16       | 2026/05/15       |
| Reference Dipole 835MHz       | Speag        | D835V2        | 4d166        | 2025/04/14       | 2028/04/13       |
| Reference Dipole 1750MHz      | Speag        | D1750V2       | 1113         | 2025/11/12       | 2028/11/11       |
| Reference Dipole 1950MHz      | Speag        | D1950V3       | 1213         | 2025/11/12       | 2028/11/11       |
| Reference Dipole 2300MHz      | Speag        | D2300V2       | 1045         | 2025/04/15       | 2028/04/14       |
| Reference Dipole 2600MHz      | Speag        | D2600V2       | 1077         | 2025/04/15       | 2028/04/14       |
| Reference Dipole 3500MHz      | Speag        | D3500V2       | 1119         | 2024/02/15       | 2027/02/14       |
| Reference Dipole 3700MHz      | Speag        | D3700V2       | 1056         | 2025/11/12       | 2028/11/11       |
| Reference Dipole 3900MHz      | Speag        | D3900V2       | 1065         | 2024/02/15       | 2027/02/14       |
| Device Holder                 | Speag        | N/A           | N/A          | N/A              | N/A              |
| Data Acquisition Electronic   | Speag        | DAE4          | 1791         | 2025/04/23       | 2026/04/22       |
| E-Field Probe                 | Speag        | EX3DV4        | 7784         | 2025/04/23       | 2026/04/22       |
| SAR Software                  | Speag        | DASY8         | V16.4.0.5005 | N/A              | N/A              |
| Power Amplifier               | Mini-Circuit | ZHL-42        | D051404-20   | N/A              | N/A              |
| Power Amplifier               | Mini-Circuit | ZVE-8G+       | 447202211    | N/A              | N/A              |
| Directional Coupler           | Agilent      | 87300C        | MY44300353   | N/A              | N/A <sup>1</sup> |
| Attenuator                    | Woken        | WATT-218FS-10 | N/A          | N/A              | N/A <sup>1</sup> |
| Attenuator                    | Mini-Circuit | BW-S20W2+     | N/A          | N/A              | N/A <sup>1</sup> |
| Universal Radio Communication | Anritsu      | MT8820C       | 6201465467   | 2025/09/09       | 2026/09/08       |
| Universal Radio Communication | Anritsu      | MT8821C       | 6262044740   | 2025/06/23       | 2026/06/22       |
| Universal Radio Communication | Anritsu      | MT8000A       | 6262134961   | 2025/05/14       | 2026/05/13       |
| Universal Radio Communication | R&S          | CMW500        | 157304       | 2025/03/13       | 2026/03/12       |
| Vector Network Analyzer       | Agilent      | E5071C        | MY46108013   | 2025/03/28       | 2026/03/27       |
| Signal Generator              | Anritsu      | MG3694A       | 041902       | 2025/08/16       | 2026/08/15       |
| Power Meter                   | Anritsu      | ML2487A       | 6K00001447   | 2025/10/16       | 2026/10/15       |
| Power Sensor                  | Anritsu      | MA2411B       | 1339194      | 2025/10/17       | 2026/10/16       |

Note: 1. System Check, the path loss measured by the network analyzer, includes the signal generator, amplifier, cable, attenuator and directional coupler.

**Note:**

Per requirements for dipole calibration, the following are recommended procedures for SAR dipole calibration.

1. After a dipole is damaged and properly repaired to meet required specifications.
2. When the measured SAR deviates from the calibrated SAR value by more than 10% due to changes in physical, mechanical, electrical or other relevant dipole conditions.
3. When the most recent return-loss, measured at least annually, deviates by more than 20% from the previous measurement (i.e. 0.2 of the dB value) or not meeting the required -20 dB return-loss specification.

**D750V3-1031**

|             | Frequency | Tissue | Return loss | Limit      | Verified Date |
|-------------|-----------|--------|-------------|------------|---------------|
| Calibration | 750 MHz   | Head   | -27.0       | Within 20% | 2023/5/16     |
| Measurement | 750 MHz   | Head   | -27.06      |            | 2024/5/12     |
| Measurement | 750 MHz   | Head   | -27.04      |            | 2025/5/11     |

**D3700V2-1090**

|             | Frequency | Tissue | Return loss | Limit      | Verified Date |
|-------------|-----------|--------|-------------|------------|---------------|
| Calibration | 3700 MHz  | Head   | -28.2       | Within 20% | 2024/2/15     |
| Measurement | 3700 MHz  | Head   | -28.21      |            | 2025/2/14     |

**D3900V2-1065**

|             | Frequency | Tissue | Return loss | Limit      | Verified Date |
|-------------|-----------|--------|-------------|------------|---------------|
| Calibration | 3900 MHz  | Head   | -25.8       | Within 20% | 2024/2/15     |
| Measurement | 3900 MHz  | Head   | -24.62      |            | 2025/2/14     |

4. When the most recent measurement of the real or imaginary parts of the impedance, measured at least annually, deviates by more than 5  $\Omega$  from the previous measurement.

## D750V3-1031

|             | Frequency | Tissue | Impedance | Limit             | Verified Date |
|-------------|-----------|--------|-----------|-------------------|---------------|
| Calibration | 750 MHz   | Head   | 54.5      | Within 5 $\Omega$ | 2023/5/16     |
| Measurement | 750 MHz   | Head   | 54.46     |                   | 2024/5/12     |
| Measurement | 750 MHz   | Head   | 54.46     |                   | 2025/5/11     |

## D3700V2-1090

|             | Frequency | Tissue | Impedance | Limit             | Verified Date |
|-------------|-----------|--------|-----------|-------------------|---------------|
| Calibration | 3700 MHz  | Head   | 46.3      | Within 5 $\Omega$ | 2024/2/15     |
| Measurement | 3700 MHz  | Head   | 46.32     |                   | 2025/2/14     |

## D3900V2-1065

|             | Frequency | Tissue | Impedance | Limit             | Verified Date |
|-------------|-----------|--------|-----------|-------------------|---------------|
| Calibration | 3900 MHz  | Head   | 46.4      | Within 5 $\Omega$ | 2024/2/15     |
| Measurement | 3900 MHz  | Head   | 47.92     |                   | 2025/2/14     |

## 7. Measurement Uncertainty

| Measurement uncertainty for 300 MHz to 3 GHz |               |             |       |         |          |                |                 |
|----------------------------------------------|---------------|-------------|-------|---------|----------|----------------|-----------------|
| Error Description                            | Uncert. value | Prob. Dist. | Div.  | (ci) 1g | (ci) 10g | Std. Unc. (1g) | Std. Unc. (10g) |
| <b>Measurement System Errors</b>             |               |             |       |         |          |                |                 |
| Probe Calibration                            | ±13.3%        | N           | 2     | 1       | 1        | ±6.7%          | ±6.7%           |
| Probe Calibration Drift                      | ±1.7%         | R           | 1.732 | 1       | 1        | ±1.0%          | ±1.0%           |
| Probe Linearity                              | ±4.7%         | R           | 1.732 | 1       | 1        | ±2.7%          | ±2.7%           |
| Broadband Signal                             | ±2.8%         | R           | 1.732 | 1       | 1        | ±1.6%          | ±1.6%           |
| Probe Isotropy                               | ±7.6%         | R           | 1.732 | 1       | 1        | ±4.4%          | ±4.4%           |
| Other Probe+Electronic                       | ±0.8%         | N           | 1     | 1       | 1        | ±0.8%          | ±0.8%           |
| RF Ambient                                   | ±1.8%         | N           | 1     | 1       | 1        | ±1.8%          | ±1.8%           |
| Probe Positioning                            | ±0.006 mm     | N           | 1     | 0.14    | 0.14     | ±0.1%          | ±0.1%           |
| Data Processing                              | ±1.2%         | N           | 1     | 1       | 1        | ±1.2%          | ±1.2%           |
| <b>Phantom and Device Errors</b>             |               |             |       |         |          |                |                 |
| Conductivity (meas.)                         | ±2.5%         | N           | 1     | 0.78    | 0.71     | ±2.0%          | ±1.8%           |
| Conductivity (temp.)                         | ±3.3%         | R           | 1.732 | 0.78    | 0.71     | ±1.5%          | ±1.4%           |
| Phantom Permittivity                         | ±14.0%        | R           | 1.732 | 0       | 0        | ±0.0%          | ±0.0%           |
| Distance DUT - TSL                           | ±2.0%         | N           | 1     | 2       | 2        | ±4.0%          | ±4.0%           |
| Device Positioning                           | ±1.0%         | N           | 1     | 1       | 1        | ±1.0%          | ±1.0%           |
| Device Holder                                | ±3.6%         | N           | 1     | 1       | 1        | ±3.6%          | ±3.6%           |
| DUT Modulation                               | ±2.4%         | R           | 1.732 | 1       | 1        | ±1.4%          | ±1.4%           |
| Time-average SAR                             | ±1.7%         | R           | 1.732 | 1       | 1        | ±1.0%          | ±1.0%           |
| DUT drift                                    | ±2.5%         | N           | 1     | 1       | 1        | ±2.5%          | ±2.5%           |
| Val Antenna Unc.                             | ±0.0%         | N           | 1     | 1       | 1        | ±0.0%          | ±0.0%           |
| Unc. Input Power                             | ±0.0%         | N           | 1     | 1       | 1        | ±0.0%          | ±0.0%           |
| <b>Correction to the SAR results</b>         |               |             |       |         |          |                |                 |
| Deviation to Target                          | ±1.9%         | N           | 1     | 1       | 0.84     | ±1.9%          | ±1.6%           |
| SAR scaling                                  | ±0.0%         | R           | 1.732 | 1       | 1        | ±0.0%          | ±0.0%           |
| <b>Combined Uncertainty</b>                  |               |             |       |         |          | ±11.3%         | ±11.2%          |
| <b>Expanded Uncertainty</b>                  |               |             |       |         |          | ±22.7%         | ±22.5%          |

### Measurement uncertainty for 3 GHz to 6 GHz

| Error Description                    | Uncert.<br>value | Prob.<br>Dist. | Div.  | (ci)<br>1g | (ci)<br>10g | Std. Unc.<br>(1g) | Std. Unc.<br>(10g) |
|--------------------------------------|------------------|----------------|-------|------------|-------------|-------------------|--------------------|
| <b>Measurement System Errors</b>     |                  |                |       |            |             |                   |                    |
| Probe Calibration                    | ±13.1%           | N              | 2     | 1          | 1           | ±6.6%             | ±6.6%              |
| Probe Calibration Drift              | ±1.7%            | R              | 1.732 | 1          | 1           | ±1.0%             | ±1.0%              |
| Probe Linearity                      | ±4.7%            | R              | 1.732 | 1          | 1           | ±2.7%             | ±2.7%              |
| Broadband Signal                     | ±2.6%            | R              | 1.732 | 1          | 1           | ±1.5%             | ±1.5%              |
| Probe Isotropy                       | ±7.6%            | R              | 1.732 | 1          | 1           | ±4.4%             | ±4.4%              |
| Other Probe+Electronic               | ±1.2%            | N              | 1     | 1          | 1           | ±1.2%             | ±1.2%              |
| RF Ambient                           | ±1.8%            | N              | 1     | 1          | 1           | ±1.8%             | ±1.8%              |
| Probe Positioning                    | ±0.005 mm        | N              | 1     | 0.29       | 0.29        | ±0.2%             | ±0.2%              |
| Data Processing                      | ±2.3%            | N              | 1     | 1          | 1           | ±2.3%             | ±2.3%              |
| <b>Phantom and Device Errors</b>     |                  |                |       |            |             |                   |                    |
| Conductivity (meas.)                 | ±2.5%            | N              | 1     | 0.78       | 0.71        | ±2.0%             | ±1.8%              |
| Conductivity (temp.)                 | ±3.4%            | R              | 1.732 | 0.78       | 0.71        | ±1.5%             | ±1.4%              |
| Phantom Permittivity                 | ±14.0%           | R              | 1.732 | 0.25       | 0.25        | ±2.0%             | ±2.0%              |
| Distance DUT - TSL                   | ±2.0%            | N              | 1     | 2          | 2           | ±4.0%             | ±4.0%              |
| Device Positioning                   | ±1.0%            | N              | 1     | 1          | 1           | ±1.0%             | ±1.0%              |
| Device Holder                        | ±3.6%            | N              | 1     | 1          | 1           | ±3.6%             | ±3.6%              |
| DUT Modulation                       | ±2.4%            | R              | 1.732 | 1          | 1           | ±1.4%             | ±1.4%              |
| Time-average SAR                     | ±1.7%            | R              | 1.732 | 1          | 1           | ±1.0%             | ±1.0%              |
| DUT drift                            | ±2.5%            | N              | 1     | 1          | 1           | ±2.5%             | ±2.5%              |
| Val Antenna Unc.                     | ±0.0%            | N              | 1     | 1          | 1           | ±0.0%             | ±0.0%              |
| Unc. Input Power                     | ±0.0%            | N              | 1     | 1          | 1           | ±0.0%             | ±0.0%              |
| <b>Correction to the SAR results</b> |                  |                |       |            |             |                   |                    |
| Deviation to Target                  | ±1.9%            | N              | 1     | 1          | 0.84        | ±1.9%             | ±1.6%              |
| SAR scaling                          | ±0.0%            | R              | 1.732 | 1          | 1           | ±0.0%             | ±0.0%              |
| <b>Combined Uncertainty</b>          |                  |                |       |            |             | ±11.7%            | ±11.6%             |
| <b>Expanded Uncertainty</b>          |                  |                |       |            |             | ±23.3%            | ±23.1%             |

## 8. Conducted Power Measurement (Including tolerance allowed for production unit)

| Mode                | Maximum Output Power (dBm)<br>(Including tolerance) |                |                |                |
|---------------------|-----------------------------------------------------|----------------|----------------|----------------|
|                     | Ant 0/ Ant Main                                     | Ant 1 / MIMO 1 | Ant 2 / MIMO 2 | Ant 3 /Ant Aux |
| WCDMA B2            | 18                                                  | -              | -              | -              |
| WCDMA B4            | 18.5                                                | -              | -              | -              |
| WCDMA B5            | 22                                                  | -              | -              | -              |
| LTE Band 2          | 18                                                  | -              | 16.5           | -              |
| LTE Band 4          | 18.5                                                | -              | 18             | -              |
| LTE Band 5          | 21.5                                                | -              | -              | -              |
| LTE Band 7          | 19                                                  | -              | 17             | -              |
| LTE Band 12         | 21.5                                                | -              | -              | -              |
| LTE Band 13         | 21.5                                                | -              | -              | -              |
| LTE Band 14         | 21.5                                                | -              | -              | -              |
| LTE Band 17         | 21.5                                                | -              | -              | -              |
| LTE Band 25         | 18                                                  | -              | 16.5           | -              |
| LTE Band 26         | 21.5                                                | -              | -              | -              |
| LTE Band 30         | 17.5                                                | -              | 15.5           | -              |
| LTE Band 38         | 18.5                                                | -              | 15.5           | -              |
| LTE Band 40         | 19                                                  | -              | 16             | -              |
| LTE Band 41 PC2/3   | 18.5                                                | -              | 15.5           | -              |
| LTE Band 42         | 12.5                                                | -              | 16.5           | -              |
| LTE Band 43         | 12.5                                                | -              | 16.5           | -              |
| LTE Band 48         | 12.5                                                | -              | 16.5           | -              |
| LTE Band 66         | 18.5                                                | -              | 18             | -              |
| LTE Band 71         | 24                                                  | -              | -              | -              |
| 5G NR n2            | 18                                                  | -              | 16.5           | -              |
| 5G NR n5            | 21.5                                                | -              | -              | -              |
| 5G NR n7            | 18.5                                                | -              | 16.5           | -              |
| 5G NR n12           | 21.5                                                | -              | -              | -              |
| 5G NR n13           | 21.5                                                | -              | -              | -              |
| 5G NR n14           | 21.5                                                | -              | -              | -              |
| 5G NR n25           | 18                                                  | -              | 16.5           | -              |
| 5G NR n26           | 21.5                                                | -              | -              | -              |
| 5G NR n30           | 17.5                                                | -              | 15.5           | -              |
| 5G NR n38           | 24                                                  | -              | 14.5           | -              |
| 5G NR n41 PC1.5/2/3 | 24                                                  | 17.5           | 14.5           | 18.5           |
| 5G NR n48           | 17                                                  | -              | 15.5           | -              |
| 5G NR n66           | 18.5                                                | -              | 17             | -              |
| 5G NR n71           | 24                                                  | -              | -              | -              |
| 5G NR n77 PC1.5/2/3 | 17                                                  | 17             | 15.5           | 14.5           |
| 5G NR n78 PC1.5/2/3 | 17                                                  | 17             | 15.5           | 14.5           |

Refer to Appendix G.

## 9. Test Results

### 9.1 Test Results Summary

| SAR MEASUREMENT                                |               |           |        |                          |                            |                 |               |              |          |
|------------------------------------------------|---------------|-----------|--------|--------------------------|----------------------------|-----------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23.2 ±2              |               |           |        |                          | Relative Humidity (%):51 % |                 |               |              |          |
| Liquid Temperature (°C):22.2 ±2                |               |           |        |                          | Depth of Liquid (cm): >15  |                 |               |              |          |
| Test<br>Position                               | Dist.<br>(mm) | Frequency |        | Conducted Power<br>(dBm) |                            | Duty Cycle<br>% | SAR<br>(W/kg) |              | Plot No. |
|                                                |               | Ch.       | MHz    | Meas.                    | Tune-Up<br>Limit           |                 | Meas-1g       | Scaled-1g    |          |
| Test Mode: WCDMA B2_RMC_ANT Main_AWAN_Sample 1 |               |           |        |                          |                            |                 |               |              |          |
| Front edge                                     | 0             | 9400      | 1880   | 17.64                    | 18                         | -               | 0.385         | 0.418        |          |
| Bottom                                         | 0             | 9262      | 1852.4 | 17.58                    | 18                         | -               | 0.758         | 0.835        |          |
| Bottom                                         | 0             | 9400      | 1880   | 17.64                    | 18                         | -               | 0.772         | <b>0.839</b> | 55       |
| Bottom                                         | 0             | 9538      | 1907.6 | 17.55                    | 18                         | -               | 0.707         | 0.784        |          |
| Test Mode: WCDMA B2_RMC_ANT Main_ICT_Sample 2  |               |           |        |                          |                            |                 |               |              |          |
| Bottom                                         | 0             | 9400      | 1880   | 17.64                    | 18                         | -               | 0.721         | 0.783        |          |
| Test Mode: WCDMA B2_RMC_ANT Main_AWAN_Sample 3 |               |           |        |                          |                            |                 |               |              |          |
| Bottom                                         | 0             | 9400      | 1880   | 17.64                    | 18                         | -               | 0.618         | 0.671        |          |
| Test Mode: WCDMA B2_RMC_ANT Main_ICT_Sample 4  |               |           |        |                          |                            |                 |               |              |          |
| Bottom                                         | 0             | 9400      | 1880   | 17.64                    | 18                         | -               | 0.584         | 0.634        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                |               |           |        |                          |                  |                            |               |              |          |
|------------------------------------------------|---------------|-----------|--------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23.2 ±2              |               |           |        |                          |                  | Relative Humidity (%): 51% |               |              |          |
| Liquid Temperature (°C): 22.2 ±2               |               |           |        |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                               | Dist.<br>(mm) | Frequency |        | Conducted Power<br>(dBm) |                  | Duty Cycle<br>%            | SAR<br>(W/kg) |              | Plot No. |
|                                                |               | Ch.       | MHz    | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: WCDMA B4_RMC_ANT Main_AWAN_Sample 1 |               |           |        |                          |                  |                            |               |              |          |
| Front edge                                     | 0             | 1413      | 1732.6 | 18.43                    | 18.5             | -                          | 0.739         | 0.751        |          |
| Bottom                                         | 0             | 1312      | 1712.4 | 18.36                    | 18.5             | -                          | 0.805         | 0.831        |          |
| Bottom                                         | 0             | 1413      | 1732.6 | 18.43                    | 18.5             | -                          | 0.840         | <b>0.854</b> | 54       |
| Bottom                                         | 0             | 1513      | 1752.6 | 18.41                    | 18.5             | -                          | 0.829         | 0.846        |          |
| Test Mode: WCDMA B4_RMC_ANT Main_ICT_Sample 2  |               |           |        |                          |                  |                            |               |              |          |
| Bottom                                         | 0             | 1413      | 1732.6 | 18.43                    | 18.5             | -                          | 0.741         | 0.753        |          |
| Test Mode: WCDMA B4_RMC_ANT Main_AWAN_Sample 3 |               |           |        |                          |                  |                            |               |              |          |
| Bottom                                         | 0             | 1413      | 1732.6 | 18.43                    | 18.5             | -                          | 0.666         | 0.677        |          |
| Test Mode: WCDMA B4_RMC_ANT Main_ICT_Sample 4  |               |           |        |                          |                  |                            |               |              |          |
| Bottom                                         | 0             | 1413      | 1732.6 | 18.43                    | 18.5             | -                          | 0.600         | 0.610        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                |               |           |       |                          |                  |                            |               |              |          |
|------------------------------------------------|---------------|-----------|-------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23.2 ±2              |               |           |       |                          |                  | Relative Humidity (%): 51% |               |              |          |
| Liquid Temperature (°C): 22.2 ±2               |               |           |       |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                               | Dist.<br>(mm) | Frequency |       | Conducted Power<br>(dBm) |                  | Duty Cycle<br>%            | SAR<br>(W/kg) |              | Plot No. |
|                                                |               | Ch.       | MHz   | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: WCDMA B5_RMC_ANT Main_AWAN_Sample 1 |               |           |       |                          |                  |                            |               |              |          |
| Front edge                                     | 0             | 4132      | 826.4 | 21.57                    | 22               | -                          | 0.696         | 0.768        |          |
| Front edge                                     | 0             | 4183      | 836.6 | 21.68                    | 22               | -                          | 0.747         | <b>0.804</b> | 56       |
| Front edge                                     | 0             | 4233      | 846.6 | 21.51                    | 22               | -                          | 0.643         | 0.720        |          |
| Bottom                                         | 0             | 4183      | 836.6 | 21.68                    | 22               | -                          | 0.532         | 0.573        |          |
| Test Mode: WCDMA B5_RMC_ANT Main_ICT_Sample 2  |               |           |       |                          |                  |                            |               |              |          |
| Front edge                                     | 0             | 4183      | 836.6 | 21.68                    | 22               | -                          | 0.656         | 0.706        |          |
| Test Mode: WCDMA B5_RMC_ANT Main_AWAN_Sample 3 |               |           |       |                          |                  |                            |               |              |          |
| Front edge                                     | 0             | 4183      | 836.6 | 21.68                    | 22               | -                          | 0.721         | 0.776        |          |
| Test Mode: WCDMA B5_RMC_ANT Main_ICT_Sample 4  |               |           |       |                          |                  |                            |               |              |          |
| Front edge                                     | 0             | 4183      | 836.6 | 21.68                    | 22               | -                          | 0.642         | 0.691        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                        |            |     |           |             |        |                       |                            |              |            |              |          |
|--------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.2±2                       |            |     |           |             |        |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.2±2                        |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                          | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                        |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT Main_AWAN_Sample 1  |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                             | 0          | 1   | 0         | 21100       | 2535   | 18.82                 | 19                         | -            | 0.477      | 0.497        |          |
| Bottom                                                 | 0          | 1   | 0         | 20850       | 2510   | 18.81                 | 19                         | -            | 0.824      | 0.861        |          |
| Bottom                                                 | 0          | 1   | 0         | 21100       | 2535   | 18.82                 | 19                         | -            | 0.908      | <b>0.946</b> | 44       |
| Bottom                                                 | 0          | 50  | 0         | 20850       | 2510   | 18.62                 | 19                         | -            | 0.776      | 0.847        |          |
| Bottom                                                 | 0          | 50  | 0         | 21100       | 2535   | 18.72                 | 19                         | -            | 0.861      | 0.918        |          |
| Bottom                                                 | 0          | 50  | 0         | 21350       | 2560   | 18.65                 | 19                         | -            | 0.739      | 0.801        |          |
| Bottom                                                 | 0          | 100 | 0         | 21100       | 2535   | 18.64                 | 19                         | -            | 0.818      | 0.889        |          |
| Bottom                                                 | 0          | 1   | 0         | 21350       | 2560   | 18.79                 | 19                         | -            | 0.789      | 0.828        |          |
| Test Mode: LTE Band 7C_20M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 21001+21199 | 2525.1 | 18.59                 | 19                         | -            | 0.715      | 0.786        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT Main_ICT_Sample 2   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 21100       | 2535   | 18.94                 | 19                         | -            | 0.728      | 0.738        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT Main_AWAN_Sample 3  |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 21100       | 2535   | 18.82                 | 19                         | -            | 0.896      | 0.934        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT Main_ICT_Sample 4   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 21100       | 2535   | 18.82                 | 19                         | -            | 0.798      | 0.832        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                          |            |     |           |             |        |                       |                            |              |            |              |          |
|----------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.2 ±2                        |            |     |           |             |        |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.2±2                          |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                            | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                          |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT MIMO 2_AWAN_Sample 1  |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 21100       | 2535   | 16.98                 | 17                         | -            | 0.618      | 0.621        |          |
| Bottom                                                   | 0          | 1   | 0         | 20850       | 2510   | 16.91                 | 17                         | -            | 0.928      | 0.947        |          |
| Bottom                                                   | 0          | 1   | 0         | 21100       | 2535   | 16.98                 | 17                         | -            | 0.951      | <b>0.955</b> | 12       |
| Bottom                                                   | 0          | 50  | 0         | 20850       | 2510   | 16.75                 | 17                         | -            | 0.877      | 0.929        |          |
| Bottom                                                   | 0          | 50  | 0         | 21100       | 2535   | 16.81                 | 17                         | -            | 0.908      | 0.949        |          |
| Bottom                                                   | 0          | 50  | 0         | 21350       | 2560   | 16.80                 | 17                         | -            | 0.907      | 0.950        |          |
| Bottom                                                   | 0          | 100 | 0         | 21100       | 2535   | 16.69                 | 17                         | -            | 0.875      | 0.940        |          |
| Bottom                                                   | 0          | 1   | 0         | 21350       | 2560   | 16.89                 | 17                         | -            | 0.911      | 0.934        |          |
| Test Mode: LTE Band 7C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 21001+21199 | 2525.1 | 16.68                 | 17                         | -            | 0.884      | 0.952        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT MIMO 2_ICT_Sample 2   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 21100       | 2535   | 16.98                 | 17                         | -            | 0.941      | 0.945        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT MIMO 2_AWAN_Sample 3  |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 21100       | 2535   | 16.98                 | 17                         | -            | 0.882      | 0.886        |          |
| Test Mode: LTE Band 7_20M_QPSK_ANT MIMO 2_ICT_Sample 4   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 21100       | 2535   | 16.98                 | 17                         | -            | 0.813      | 0.817        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                        |               |    |           |             |       |                          |                  |                            |               |              |          |
|--------------------------------------------------------|---------------|----|-----------|-------------|-------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23 ±2                        |               |    |           |             |       |                          |                  | Relative Humidity (%): 52% |               |              |          |
| Liquid Temperature (°C): 22 ±2                         |               |    |           |             |       |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                       | Dist.<br>(mm) | RB | RB offset | Frequency   |       | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                        |               |    |           | Ch.         | MHz   | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: LTE Band 12_10M_QPSK_ANT Main_AWAN_Sample 1 |               |    |           |             |       |                          |                  |                            |               |              |          |
| Front edge                                             | 0             | 1  | 0         | 23095       | 707.5 | 21.47                    | 21.5             | -                          | 0.544         | 0.548        |          |
| Bottom                                                 | 0             | 1  | 0         | 23060       | 704   | 21.38                    | 21.5             | -                          | 0.636         | 0.654        |          |
| Bottom                                                 | 0             | 1  | 0         | 23095       | 707.5 | 21.47                    | 21.5             | -                          | 0.658         | <b>0.663</b> | 46       |
| Bottom                                                 | 0             | 25 | 0         | 23095       | 707.5 | 21.44                    | 21.5             | -                          | 0.648         | 0.657        |          |
| Bottom                                                 | 0             | 50 | 0         | 23095       | 707.5 | 21.38                    | 21.5             | -                          | 0.644         | 0.662        |          |
| Bottom                                                 | 0             | 1  | 0         | 23130       | 711   | 21.39                    | 21.5             | -                          | 0.625         | 0.641        |          |
| Test Mode: LTE Band 12B_5M_QPSK_ANT Main_AWAN_Sample 1 |               |    |           |             |       |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23048+23120 | 702.8 | 21.33                    | 21.5             | -                          | 0.609         | 0.633        |          |
| Test Mode: LTE Band 12_10M_QPSK_ANT Main_ICT_Sample 2  |               |    |           |             |       |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23095       | 707.5 | 21.47                    | 21.5             | -                          | 0.639         | 0.643        |          |
| Test Mode: LTE Band 12_10M_QPSK_ANT Main_AWAN_Sample 3 |               |    |           |             |       |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23095       | 707.5 | 21.47                    | 21.5             | -                          | 0.643         | 0.647        |          |
| Test Mode: LTE Band 12_10M_QPSK_ANT Main_ICT_Sample 4  |               |    |           |             |       |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23095       | 707.5 | 21.47                    | 21.5             | -                          | 0.629         | 0.633        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz)

| SAR MEASUREMENT                                        |            |    |           |           |     |                       |               |                            |            |              |          |
|--------------------------------------------------------|------------|----|-----------|-----------|-----|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 23 ±2                        |            |    |           |           |     |                       |               | Relative Humidity (%):52 % |            |              |          |
| Liquid Temperature (°C): 22±2                          |            |    |           |           |     |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                          | Dist. (mm) | RB | RB offset | Frequency |     | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                        |            |    |           | Ch.       | MHz | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 13_10M_QPSK_ANT Main_AWAN_Sample 1 |            |    |           |           |     |                       |               |                            |            |              |          |
| Front edge                                             | 0          | 1  | 0         | 23230     | 782 | 21.46                 | 21.5          | -                          | 0.511      | 0.516        |          |
| Bottom                                                 | 0          | 1  | 0         | 23230     | 782 | 21.46                 | 21.5          | -                          | 0.768      | <b>0.775</b> | 47       |
| Bottom                                                 | 0          | 25 | 0         | 23230     | 782 | 21.38                 | 21.5          | -                          | 0.751      | 0.772        |          |
| Bottom                                                 | 0          | 50 | 0         | 23230     | 782 | 21.32                 | 21.5          | -                          | 0.741      | 0.772        |          |
| Test Mode: LTE Band 13_10M_QPSK_ANT Main_ICT_Sample 2  |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 23230     | 782 | 21.46                 | 21.5          | -                          | 0.741      | 0.748        |          |
| Test Mode: LTE Band 13_10M_QPSK_ANT Main_AWAN_Sample 3 |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 23230     | 782 | 21.46                 | 21.5          | -                          | 0.751      | 0.758        |          |
| Test Mode: LTE Band 13_10M_QPSK_ANT Main_ICT_Sample 4  |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 23230     | 782 | 21.46                 | 21.5          | -                          | 0.735      | 0.742        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                        |               |    |           |           |     |                          |                  |                            |               |              |          |
|--------------------------------------------------------|---------------|----|-----------|-----------|-----|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23±2                         |               |    |           |           |     |                          |                  | Relative Humidity (%): 52% |               |              |          |
| Liquid Temperature (°C): 22 ±2                         |               |    |           |           |     |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                       | Dist.<br>(mm) | RB | RB offset | Frequency |     | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                        |               |    |           | Ch.       | MHz | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: LTE Band 14_10M_QPSK_ANT Main_AWAN_Sample 1 |               |    |           |           |     |                          |                  |                            |               |              |          |
| Front edge                                             | 0             | 1  | 0         | 23330     | 793 | 21.43                    | 21.5             | -                          | 0.583         | 0.592        |          |
| Bottom                                                 | 0             | 1  | 0         | 23330     | 793 | 21.43                    | 21.5             | -                          | 0.754         | <b>0.766</b> | 48       |
| Bottom                                                 | 0             | 25 | 0         | 23330     | 793 | 21.33                    | 21.5             | -                          | 0.735         | 0.764        |          |
| Bottom                                                 | 0             | 50 | 0         | 23330     | 793 | 21.30                    | 21.5             | -                          | 0.728         | 0.762        |          |
| Test Mode: LTE Band 14_10M_QPSK_ANT Main_ICT_Sample 2  |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23330     | 793 | 21.43                    | 21.5             | -                          | 0.741         | 0.753        |          |
| Test Mode: LTE Band 14_10M_QPSK_ANT Main_AWAN_Sample 3 |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23330     | 793 | 21.43                    | 21.5             | -                          | 0.749         | 0.761        |          |
| Test Mode: LTE Band 14_10M_QPSK_ANT Main_ICT_Sample 4  |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                 | 0             | 1  | 0         | 23330     | 793 | 21.43                    | 21.5             | -                          | 0.712         | 0.724        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |               |     |           |           |        |                          |                  |                            |               |              |          |
|---------------------------------------------------------------|---------------|-----|-----------|-----------|--------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 22.7±2                              |               |     |           |           |        |                          |                  | Relative Humidity (%): 51% |               |              |          |
| Liquid Temperature (°C): 21.7 ±2                              |               |     |           |           |        |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                              | Dist.<br>(mm) | RB  | RB offset | Frequency |        | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                               |               |     |           | Ch.       | MHz    | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT Main_AWAN_Sample 1        |               |     |           |           |        |                          |                  |                            |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.517         | 0.528        |          |
| Bottom                                                        | 0             | 1   | 0         | 26140     | 1860   | 17.89                    | 18               | -                          | 0.904         | 0.927        |          |
| Bottom                                                        | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.920         | <b>0.939</b> | 43       |
| Bottom                                                        | 0             | 50  | 0         | 26140     | 1860   | 17.76                    | 18               | -                          | 0.871         | 0.920        |          |
| Bottom                                                        | 0             | 50  | 0         | 26365     | 1882.5 | 17.87                    | 18               | -                          | 0.901         | 0.928        |          |
| Bottom                                                        | 0             | 50  | 0         | 26590     | 1905   | 17.75                    | 18               | -                          | 0.873         | 0.925        |          |
| Bottom                                                        | 0             | 100 | 0         | 26365     | 1882.5 | 17.81                    | 18               | -                          | 0.878         | 0.917        |          |
| Bottom                                                        | 0             | 1   | 0         | 26590     | 1905   | 17.85                    | 18               | -                          | 0.896         | 0.927        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT Main_ICT_Sample 2         |               |     |           |           |        |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.642         | 0.655        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT Main_AWAN_Sample 3        |               |     |           |           |        |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.915         | 0.934        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT Main_ICT_Sample 4         |               |     |           |           |        |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.908         | 0.927        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |               |     |           |           |        |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 0         | 26365     | 1882.5 | 17.91                    | 18               | -                          | 0.916         | 0.935        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. LTE Band 2 (1850 -1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)

| SAR MEASUREMENT                                          |            |     |           |           |        |                       |               |                            |            |              |          |
|----------------------------------------------------------|------------|-----|-----------|-----------|--------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.7±2                         |            |     |           |           |        |                       |               | Relative Humidity (%):51 % |            |              |          |
| Liquid Temperature (°C): 21.7±2                          |            |     |           |           |        |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                            | Dist. (mm) | RB  | RB offset | Frequency |        | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                          |            |     |           | Ch.       | MHz    | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |           |        |                       |               |                            |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 26365     | 1882.5 | 16.46                 | 16.5          | -                          | 0.311      | 0.314        |          |
| Bottom                                                   | 0          | 1   | 0         | 26140     | 1860   | 16.42                 | 16.5          | -                          | 0.596      | 0.607        |          |
| Bottom                                                   | 0          | 1   | 0         | 26365     | 1882.5 | 16.46                 | 16.5          | -                          | 0.608      | <b>0.614</b> | 10       |
| Bottom                                                   | 0          | 50  | 0         | 26365     | 1882.5 | 16.35                 | 16.5          | -                          | 0.590      | 0.611        |          |
| Bottom                                                   | 0          | 100 | 0         | 26365     | 1882.5 | 16.24                 | 16.5          | -                          | 0.571      | 0.606        |          |
| Bottom                                                   | 0          | 1   | 0         | 26590     | 1905   | 16.43                 | 16.5          | -                          | 0.592      | 0.602        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT MIMO 2_ICT_Sample 2  |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 26365     | 1882.5 | 16.46                 | 16.5          | -                          | 0.549      | 0.554        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT MIMO 2_AWAN_Sample 3 |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 26365     | 1882.5 | 16.46                 | 16.5          | -                          | 0.564      | 0.569        |          |
| Test Mode: LTE Band 25_20M_QPSK_ANT MIMO 2_ICT_Sample 4  |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                                   | 0          | 1   | 0         | 26365     | 1882.5 | 16.46                 | 16.5          | -                          | 0.538      | 0.543        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. LTE Band 2 (1850 -1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)

| SAR MEASUREMENT                                               |            |    |           |           |       |                       |                            |              |            |              |          |
|---------------------------------------------------------------|------------|----|-----------|-----------|-------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.3 ±2                             |            |    |           |           |       |                       | Relative Humidity (%): 53% |              |            |              |          |
| Liquid Temperature (°C): 22.3±2                               |            |    |           |           |       |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                 | Dist. (mm) | RB | RB offset | Frequency |       | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                               |            |    |           | Ch.       | MHz   | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 26_15M_QPSK_ANT Main_AWAN_Sample 1        |            |    |           |           |       |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1  | 0         | 26765     | 821.5 | 21.28                 | 21.5                       | -            | 0.824      | 0.867        |          |
| Front edge                                                    | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.860      | <b>0.892</b> | 45       |
| Front edge                                                    | 0          | 1  | 0         | 26965     | 841.5 | 21.30                 | 21.5                       | -            | 0.819      | 0.858        |          |
| Front edge                                                    | 0          | 36 | 0         | 26765     | 821.5 | 21.19                 | 21.5                       | -            | 0.818      | 0.879        |          |
| Front edge                                                    | 0          | 36 | 0         | 26865     | 831.5 | 21.29                 | 21.5                       | -            | 0.849      | 0.891        |          |
| Front edge                                                    | 0          | 36 | 0         | 26965     | 841.5 | 21.22                 | 21.5                       | -            | 0.832      | 0.887        |          |
| Front edge                                                    | 0          | 75 | 0         | 26865     | 831.5 | 21.15                 | 21.5                       | -            | 0.817      | 0.886        |          |
| Bottom                                                        | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.531      | 0.551        |          |
| Test Mode: LTE Band 26_15M_QPSK_ANT Main_ICT_Sample 2         |            |    |           |           |       |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.757      | 0.785        |          |
| Test Mode: LTE Band 26_15M_QPSK_ANT Main_AWAN_Sample 3        |            |    |           |           |       |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.796      | 0.826        |          |
| Test Mode: LTE Band 26_15M_QPSK_ANT Main_ICT_Sample 4         |            |    |           |           |       |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.783      | 0.812        |          |
| Test Mode: LTE Band 26_15M_QPSK_ANT Main_AWAN_Sample 1_Verify |            |    |           |           |       |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1  | 0         | 26865     | 831.5 | 21.34                 | 21.5                       | -            | 0.831      | 0.862        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. LTE Band 5 (824-849 MHz) is covered by LTE Band 26 (814-849)

| SAR MEASUREMENT                                        |            |    |           |           |      |                       |               |                            |            |              |          |
|--------------------------------------------------------|------------|----|-----------|-----------|------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.8±2                       |            |    |           |           |      |                       |               | Relative Humidity (%): 52% |            |              |          |
| Liquid Temperature (°C): 21.8±2                        |            |    |           |           |      |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                          | Dist. (mm) | RB | RB offset | Frequency |      | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                        |            |    |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT Main_AWAN_Sample 1 |            |    |           |           |      |                       |               |                            |            |              |          |
| Front edge                                             | 0          | 1  | 0         | 27710     | 2310 | 17.40                 | 17.5          | -                          | 0.801      | 0.820        |          |
| Front edge                                             | 0          | 25 | 0         | 27710     | 2310 | 17.35                 | 17.5          | -                          | 0.783      | 0.811        |          |
| Front edge                                             | 0          | 50 | 0         | 27710     | 2310 | 17.30                 | 17.5          | -                          | 0.764      | 0.800        |          |
| Bottom                                                 | 0          | 1  | 0         | 27710     | 2310 | 17.40                 | 17.5          | -                          | 0.848      | <b>0.868</b> | 49       |
| Bottom                                                 | 0          | 25 | 0         | 27710     | 2310 | 17.35                 | 17.5          | -                          | 0.834      | 0.863        |          |
| Bottom                                                 | 0          | 50 | 0         | 27710     | 2310 | 17.30                 | 17.5          | -                          | 0.819      | 0.858        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT Main_ICT_Sample 2  |            |    |           |           |      |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 27710     | 2310 | 17.48                 | 17.5          | -                          | 0.743      | 0.746        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT Main_AWAN_Sample 3 |            |    |           |           |      |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 27710     | 2310 | 17.48                 | 17.5          | -                          | 0.794      | 0.798        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT Main_ICT_Sample 4  |            |    |           |           |      |                       |               |                            |            |              |          |
| Bottom                                                 | 0          | 1  | 0         | 27710     | 2310 | 17.48                 | 17.5          | -                          | 0.747      | 0.750        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                                 |               |    |           |           |      |                          |                  |                            |               |              |          |
|-----------------------------------------------------------------|---------------|----|-----------|-----------|------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 22.8±2                                |               |    |           |           |      |                          |                  | Relative Humidity (%): 52% |               |              |          |
| Liquid Temperature (°C): 21.8±2                                 |               |    |           |           |      |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                                | Dist.<br>(mm) | RB | RB offset | Frequency |      | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                                 |               |    |           | Ch.       | MHz  | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT MIMO 2_AWAN_Sample 1        |               |    |           |           |      |                          |                  |                            |               |              |          |
| Front edge                                                      | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 0.601         | 0.602        |          |
| Bottom                                                          | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 1.100         | <b>1.103</b> | 11       |
| Bottom                                                          | 0             | 25 | 0         | 27710     | 2310 | 15.41                    | 15.5             | -                          | 0.954         | 0.974        |          |
| Bottom                                                          | 0             | 50 | 0         | 27710     | 2310 | 15.38                    | 15.5             | -                          | 0.931         | 0.957        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT MIMO 2_ICT_Sample 2         |               |    |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 0.934         | 0.936        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT MIMO 2_AWAN_Sample 3        |               |    |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 0.982         | 0.984        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT MIMO 2_ICT_Sample 4         |               |    |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 0.921         | 0.923        |          |
| Test Mode: LTE Band 30_10M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify |               |    |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1  | 0         | 27710     | 2310 | 15.49                    | 15.5             | -                          | 1.030         | 1.032        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |            |     |           |             |        |                       |                            |              |            |           |          |
|---------------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|-----------|----------|
| Ambient Temperature (°C): 23±2                                |            |     |           |             |        |                       | Relative Humidity (%): 53% |              |            |           |          |
| Liquid Temperature (°C): 22 ±2                                |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |           |          |
| Test Position                                                 | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |           | Plot No. |
|                                                               |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT Main_AWAN_Sample 1        |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.493      | 0.506     |          |
| Bottom                                                        | 0          | 1   | 0         | 39750       | 2506   | 18.35                 | 18.5                       | 62.9         | 0.862      | 0.898     |          |
| Bottom                                                        | 0          | 1   | 0         | 40185       | 2549.5 | 18.38                 | 18.5                       | 62.9         | 0.896      | 0.927     |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.979      | 1.005     | 50       |
| Bottom                                                        | 0          | 50  | 0         | 39750       | 2506   | 18.25                 | 18.5                       | 62.9         | 0.858      | 0.914     |          |
| Bottom                                                        | 0          | 50  | 0         | 40185       | 2549.5 | 18.22                 | 18.5                       | 62.9         | 0.869      | 0.932     |          |
| Bottom                                                        | 0          | 50  | 0         | 40620       | 2593   | 18.29                 | 18.5                       | 62.9         | 0.938      | 0.990     |          |
| Bottom                                                        | 0          | 50  | 0         | 41055       | 2636.5 | 18.23                 | 18.5                       | 62.9         | 0.914      | 0.978     |          |
| Bottom                                                        | 0          | 50  | 0         | 41490       | 2680   | 18.20                 | 18.5                       | 62.9         | 0.908      | 0.979     |          |
| Bottom                                                        | 0          | 100 | 0         | 40620       | 2593   | 18.20                 | 18.5                       | 62.9         | 0.883      | 0.952     |          |
| Bottom                                                        | 0          | 1   | 0         | 41055       | 2636.5 | 18.36                 | 18.5                       | 62.9         | 0.956      | 0.993     |          |
| Bottom                                                        | 0          | 1   | 0         | 41490       | 2680   | 18.31                 | 18.5                       | 62.9         | 0.914      | 0.961     |          |
| Test Mode: LTE Band 41_HPUE_20M_QPSK_ANT Main_AWAN_Sample 1   |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.18                 | 18.5                       | 62.9         | 0.870      | 0.942     |          |
| Test Mode: LTE Band 41C_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40521+40719 | 2583.1 | 18.16                 | 18.5                       | 62.9         | 0.833      | 0.906     |          |
| Test Mode: LTE Band 41C_HPUE_20M_QPSK_ANT Main_AWAN_Sample 1  |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40521+40719 | 2583.1 | 18.14                 | 18.5                       | 62.9         | 0.812      | 0.887     |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT Main_ICT_Sample 2         |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.963      | 0.989     |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT Main_AWAN_Sample 3        |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.830      | 0.852     |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT Main_ICT_Sample 4         |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.818      | 0.840     |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |            |     |           |             |        |                       |                            |              |            |           |          |
| Bottom                                                        | 0          | 1   | 0         | 40620       | 2593   | 18.41                 | 18.5                       | 62.9         | 0.926      | 0.951     |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. LTE Band 38 (2570-2620 MHz) is covered by LTE Band 41 (2496-2690 MHz)

| SAR MEASUREMENT                                                |            |     |           |           |        |                       |                            |              |            |              |          |
|----------------------------------------------------------------|------------|-----|-----------|-----------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.7 ±2                              |            |     |           |           |        |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 21.7 ±2                               |            |     |           |           |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                  | Dist. (mm) | RB  | RB offset | Frequency |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                                |            |     |           | Ch.       | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT MIMO 2_AWAN_Sample 1       |            |     |           |           |        |                       |                            |              |            |              |          |
| Front edge                                                     | 0          | 1   | 0         | 40620     | 2593   | 15.38                 | 15.5                       | 62.9         | 0.727      | 0.752        |          |
| Bottom                                                         | 0          | 1   | 0         | 39750     | 2506   | 15.34                 | 15.5                       | 62.9         | 0.894      | 0.933        |          |
| Bottom                                                         | 0          | 1   | 0         | 40185     | 2549.5 | 15.36                 | 15.5                       | 62.9         | 0.894      | 0.929        |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.38                 | 15.5                       | 62.9         | 0.924      | <b>0.956</b> | 13       |
| Bottom                                                         | 0          | 50  | 0         | 39750     | 2506   | 15.23                 | 15.5                       | 62.9         | 0.857      | 0.917        |          |
| Bottom                                                         | 0          | 50  | 0         | 40185     | 2549.5 | 15.21                 | 15.5                       | 62.9         | 0.859      | 0.924        |          |
| Bottom                                                         | 0          | 50  | 0         | 40620     | 2593   | 15.24                 | 15.5                       | 62.9         | 0.864      | 0.923        |          |
| Bottom                                                         | 0          | 50  | 0         | 41055     | 2636.5 | 15.20                 | 15.5                       | 62.9         | 0.833      | 0.898        |          |
| Bottom                                                         | 0          | 50  | 0         | 41490     | 2680   | 15.22                 | 15.5                       | 62.9         | 0.814      | 0.873        |          |
| Bottom                                                         | 0          | 100 | 0         | 40620     | 2593   | 15.20                 | 15.5                       | 62.9         | 0.826      | 0.890        |          |
| Bottom                                                         | 0          | 1   | 0         | 41055     | 2636.5 | 15.31                 | 15.5                       | 62.9         | 0.898      | 0.944        |          |
| Bottom                                                         | 0          | 1   | 0         | 41490     | 2680   | 15.33                 | 15.5                       | 62.9         | 0.879      | 0.920        |          |
| Test Mode: LTE Band 41_HPUE_20M_QPSK_ANT MIMO 2_AWAN_Sample 1  |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.19                 | 15.5                       | 62.9         | 0.833      | 0.900        |          |
| Test Mode: LTE Band 41C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1      |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.16                 | 15.5                       | 62.9         | 0.800      | 0.870        |          |
| Test Mode: LTE Band 41C_HPUE_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.11                 | 15.5                       | 62.9         | 0.777      | 0.855        |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT MIMO 2_ICT_Sample 2        |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 18.38                 | 15.5                       | 62.9         | 0.833      | 0.432        |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT MIMO 2_AWAN_Sample 3       |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.38                 | 15.5                       | 62.9         | 0.858      | 0.887        |          |
| Test Mode: LTE Band 41_20M_QPSK_ANT MIMO 2_ICT_Sample 4        |            |     |           |           |        |                       |                            |              |            |              |          |
| Bottom                                                         | 0          | 1   | 0         | 40620     | 2593   | 15.38                 | 15.5                       | 62.9         | 0.837      | 0.866        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- LTE Band 38 (2570-2620 MHz) is covered by LTE Band 41 (2496-2690 MHz)

| SAR MEASUREMENT                                               |            |     |           |             |        |                       |                            |              |            |              |          |
|---------------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                             |            |     |           |             |        |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.1±2                               |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                 | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                               |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT Main_AWAN_Sample 1        |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.874      | <b>0.896</b> | 51       |
| Front edge                                                    | 0          | 50  | 0         | 42190       | 3460   | 12.31                 | 12.5                       | 62.9         | 0.813      | 0.854        |          |
| Front edge                                                    | 0          | 50  | 0         | 42623       | 3503.3 | 12.32                 | 12.5                       | 62.9         | 0.782      | 0.820        |          |
| Front edge                                                    | 0          | 50  | 0         | 43057       | 3546.7 | 12.15                 | 12.5                       | 62.9         | 0.791      | 0.863        |          |
| Front edge                                                    | 0          | 50  | 0         | 43490       | 3590   | 12.14                 | 12.5                       | 62.9         | 0.779      | 0.851        |          |
| Front edge                                                    | 0          | 100 | 0         | 42190       | 3460   | 12.20                 | 12.5                       | 62.9         | 0.819      | 0.883        |          |
| Front edge                                                    | 0          | 1   | 0         | 42623       | 3503.3 | 12.40                 | 12.5                       | 62.9         | 0.796      | 0.819        |          |
| Front edge                                                    | 0          | 1   | 0         | 43057       | 3546.7 | 12.26                 | 12.5                       | 62.9         | 0.813      | 0.864        |          |
| Front edge                                                    | 0          | 1   | 0         | 43490       | 3590   | 12.28                 | 12.5                       | 62.9         | 0.835      | 0.884        |          |
| Bottom                                                        | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.505      | 0.517        |          |
| Test Mode: LTE Band 42C_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42491+42689 | 3490.1 | 12.08                 | 12.5                       | 62.9         | 0.774      | 0.858        |          |
| Test Mode: LTE Band 42C_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 43241+43439 | 3565.1 | 12.06                 | 12.5                       | 62.9         | 0.772      | 0.859        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT Main_ICT_Sample 2         |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.809      | 0.829        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT Main_AWAN_Sample 3        |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.825      | 0.845        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT Main_ICT_Sample 4         |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.749      | 0.768        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 42190       | 3460   | 12.42                 | 12.5                       | 62.9         | 0.844      | 0.865        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                           |            |     |           |             |        |                       |               |                            |            |              |          |
|-----------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1±2                          |            |     |           |             |        |                       |               | Relative Humidity (%):51 % |            |              |          |
| Liquid Temperature (°C): 22.1±2                           |            |     |           |             |        |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                             | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                           |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT MIMO 2_AWAN_Sample 1  |            |     |           |             |        |                       |               |                            |            |              |          |
| Front edge                                                | 0          | 1   | 0         | 42190       | 3460   | 15.91                 | 16            | 62.9                       | 0.753      | 0.773        |          |
| Front edge                                                | 0          | 50  | 0         | 42190       | 3460   | 15.79                 | 16            | 62.9                       | 0.741      | 0.782        |          |
| Front edge                                                | 0          | 50  | 0         | 42623       | 3503.3 | 15.69                 | 16            | 62.9                       | 0.713      | 0.770        |          |
| Front edge                                                | 0          | 50  | 0         | 43057       | 3546.7 | 15.65                 | 16            | 62.9                       | 0.702      | 0.765        |          |
| Front edge                                                | 0          | 50  | 0         | 43490       | 3590   | 15.68                 | 16            | 62.9                       | 0.700      | 0.758        |          |
| Front edge                                                | 0          | 100 | 0         | 42190       | 3460   | 15.75                 | 16            | 62.9                       | 0.733      | 0.781        |          |
| Bottom                                                    | 0          | 1   | 0         | 42190       | 3460   | 15.91                 | 16            | 62.9                       | 0.837      | <b>0.860</b> | 15       |
| Bottom                                                    | 0          | 50  | 0         | 42190       | 3460   | 15.79                 | 16            | 62.9                       | 0.794      | 0.838        |          |
| Bottom                                                    | 0          | 50  | 0         | 42623       | 3503.3 | 15.69                 | 16            | 62.9                       | 0.780      | 0.843        |          |
| Bottom                                                    | 0          | 50  | 0         | 43057       | 3546.7 | 15.65                 | 16            | 62.9                       | 0.776      | 0.846        |          |
| Bottom                                                    | 0          | 50  | 0         | 43490       | 3590   | 15.68                 | 16            | 62.9                       | 0.744      | 0.806        |          |
| Bottom                                                    | 0          | 100 | 0         | 42190       | 3460   | 15.75                 | 16            | 62.9                       | 0.803      | 0.856        |          |
| Bottom                                                    | 0          | 1   | 0         | 42623       | 3503.3 | 15.83                 | 16            | 62.9                       | 0.816      | 0.854        |          |
| Bottom                                                    | 0          | 1   | 0         | 43057       | 3546.7 | 15.80                 | 16            | 62.9                       | 0.805      | 0.848        |          |
| Bottom                                                    | 0          | 1   | 0         | 43490       | 3590   | 15.85                 | 16            | 62.9                       | 0.800      | 0.833        |          |
| Test Mode: LTE Band 42C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |             |        |                       |               |                            |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 42491+42689 | 3490.1 | 15.53                 | 16            | 62.9                       | 0.711      | 0.797        |          |
| Test Mode: LTE Band 42C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |             |        |                       |               |                            |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 43241+43439 | 3565.1 | 15.51                 | 16            | 62.9                       | 0.702      | 0.791        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT MIMO 2_ICT_Sample 2   |            |     |           |             |        |                       |               |                            |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 42190       | 3460   | 15.91                 | 16            | 62.9                       | 0.826      | 0.848        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT MIMO 2_AWAN_Sample 3  |            |     |           |             |        |                       |               |                            |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 42190       | 3460   | 15.91                 | 16            | 62.9                       | 0.756      | 0.776        |          |
| Test Mode: LTE Band 42_20M_QPSK_ANT MIMO 2_ICT_Sample 4   |            |     |           |             |        |                       |               |                            |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 42190       | 3460   | 15.91                 | 16            | 62.9                       | 0.716      | 0.735        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |               |     |           |           |      |                          |                           |                    |               |              |          |
|---------------------------------------------------------------|---------------|-----|-----------|-----------|------|--------------------------|---------------------------|--------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 22.9±2                              |               |     |           |           |      |                          | Relative Humidity (%):50% |                    |               |              |          |
| Liquid Temperature (°C): 21.9±2                               |               |     |           |           |      |                          | Depth of Liquid (cm): >15 |                    |               |              |          |
| Test<br>Position                                              | Dist.<br>(mm) | RB  | RB offset | Frequency |      | Conducted Power<br>(dBm) |                           | Duty<br>Cycle<br>% | SAR<br>(W/kg) |              | Plot No. |
|                                                               |               |     |           | Ch.       | MHz  | Meas.                    | Tune-Up<br>Limit          |                    | Meas-1g       | Scaled-1g    |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT Main_AWAN_Sample 1        |               |     |           |           |      |                          |                           |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 44690     | 3710 | 12.20                    | 12.5                      | 62.9               | 0.812         | 0.875        |          |
| Front edge                                                    | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.996         | <b>1.014</b> | 53       |
| Front edge                                                    | 0             | 50  | 0         | 44690     | 3710 | 12.15                    | 12.5                      | 62.9               | 0.793         | 0.865        |          |
| Front edge                                                    | 0             | 50  | 0         | 45090     | 3750 | 12.33                    | 12.5                      | 62.9               | 0.876         | 0.916        |          |
| Front edge                                                    | 0             | 50  | 0         | 45490     | 3790 | 12.23                    | 12.5                      | 62.9               | 0.785         | 0.840        |          |
| Front edge                                                    | 0             | 100 | 0         | 45090     | 3750 | 12.28                    | 12.5                      | 62.9               | 0.956         | 1.012        |          |
| Front edge                                                    | 0             | 1   | 0         | 45490     | 3790 | 12.35                    | 12.5                      | 62.9               | 0.841         | 0.876        |          |
| Bottom                                                        | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.415         | 0.422        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT Main_ICT_Sample 2         |               |     |           |           |      |                          |                           |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.865         | 0.880        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT Main_AWAN_Sample 3        |               |     |           |           |      |                          |                           |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.978         | 0.995        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT Main_ICT_Sample 4         |               |     |           |           |      |                          |                           |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.967         | 0.984        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |               |     |           |           |      |                          |                           |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 0         | 45090     | 3750 | 12.45                    | 12.5                      | 62.9               | 0.990         | 1.007        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                          |            |     |           |           |      |                       |                            |              |            |              |          |
|----------------------------------------------------------|------------|-----|-----------|-----------|------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.9±2                         |            |     |           |           |      |                       | Relative Humidity (%): 50% |              |            |              |          |
| Liquid Temperature (°C):21.9 ±2                          |            |     |           |           |      |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                            | Dist. (mm) | RB  | RB offset | Frequency |      | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                          |            |     |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 44690     | 3710 | 16.25                 | 16.5                       | 62.9         | 0.901      | 0.960        |          |
| Front edge                                               | 0          | 1   | 0         | 45090     | 3750 | 16.28                 | 16.5                       | 62.9         | 0.931      | <b>0.985</b> | 19       |
| Front edge                                               | 0          | 50  | 0         | 44690     | 3710 | 16.19                 | 16.5                       | 62.9         | 0.884      | 0.955        |          |
| Front edge                                               | 0          | 50  | 0         | 45090     | 3750 | 16.24                 | 16.5                       | 62.9         | 0.906      | 0.968        |          |
| Front edge                                               | 0          | 50  | 0         | 45490     | 3790 | 16.15                 | 16.5                       | 62.9         | 0.881      | 0.961        |          |
| Front edge                                               | 0          | 100 | 0         | 45090     | 3750 | 16.21                 | 16.5                       | 62.9         | 0.901      | 0.969        |          |
| Front edge                                               | 0          | 1   | 0         | 45490     | 3790 | 16.19                 | 16.5                       | 62.9         | 0.873      | 0.943        |          |
| Bottom                                                   | 0          | 1   | 0         | 45090     | 3750 | 16.28                 | 16.5                       | 62.9         | 0.781      | 0.827        |          |
| Bottom                                                   | 0          | 50  | 0         | 45090     | 3750 | 16.24                 | 16.5                       | 62.9         | 0.749      | 0.800        |          |
| Bottom                                                   | 0          | 100 | 0         | 45090     | 3750 | 16.21                 | 16.5                       | 62.9         | 0.732      | 0.787        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT MIMO 2_ICT_Sample 2  |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 45090     | 3750 | 16.28                 | 16.5                       | 62.9         | 0.811      | 0.858        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT MIMO 2_AWAN_Sample 3 |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 45090     | 3750 | 16.28                 | 16.5                       | 62.9         | 0.922      | 0.976        |          |
| Test Mode: LTE Band 43_20M_QPSK_ANT MIMO 2_ICT_Sample 4  |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                               | 0          | 1   | 0         | 45090     | 3750 | 16.28                 | 16.5                       | 62.9         | 0.918      | 0.971        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |            |     |           |             |        |                       |                            |              |            |           |          |
|---------------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|-----------|----------|
| Ambient Temperature (°C): 23.3 ±2                             |            |     |           |             |        |                       | Relative Humidity (%): 53% |              |            |           |          |
| Liquid Temperature (°C): 22.3±2                               |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |           |          |
| Test Position                                                 | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |           | Plot No. |
|                                                               |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT Main_AWAN_Sample 1        |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 55340       | 3560   | 12.38                 | 12.5                       | 62.9         | 0.879      | 0.909     |          |
| Front edge                                                    | 0          | 1   | 0         | 55773       | 3603.3 | 12.39                 | 12.5                       | 62.9         | 0.854      | 0.881     |          |
| Front edge                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.974      | 1.000     | 52       |
| Front edge                                                    | 0          | 50  | 0         | 55340       | 3560   | 12.31                 | 12.5                       | 62.9         | 0.859      | 0.903     |          |
| Front edge                                                    | 0          | 50  | 0         | 55773       | 3603.3 | 12.34                 | 12.5                       | 62.9         | 0.834      | 0.870     |          |
| Front edge                                                    | 0          | 50  | 0         | 56207       | 3646.7 | 12.37                 | 12.5                       | 62.9         | 0.941      | 0.975     |          |
| Front edge                                                    | 0          | 50  | 0         | 56640       | 3690   | 12.31                 | 12.5                       | 62.9         | 0.819      | 0.861     |          |
| Front edge                                                    | 0          | 100 | 0         | 56207       | 3646.7 | 12.25                 | 12.5                       | 62.9         | 0.805      | 0.858     |          |
| Front edge                                                    | 0          | 1   | 0         | 56640       | 3690   | 12.40                 | 12.5                       | 62.9         | 0.844      | 0.869     |          |
| Bottom                                                        | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.364      | 0.374     |          |
| Test Mode: LTE Band 48C_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 55891+56098 | 2615.1 | 12.19                 | 12.5                       | 62.9         | 0.803      | 0.868     |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT Main_ICT_Sample 2         |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.862      | 0.885     |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT Main_AWAN_Sample 3        |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.946      | 0.972     |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT Main_ICT_Sample 4         |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.915      | 0.940     |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |            |     |           |             |        |                       |                            |              |            |           |          |
| Front edge                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 12.41                 | 12.5                       | 62.9         | 0.960      | 0.986     |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                           |            |     |           |             |        |                       |                            |              |            |              |          |
|-----------------------------------------------------------|------------|-----|-----------|-------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.3 ±2                         |            |     |           |             |        |                       | Relative Humidity (%): 53% |              |            |              |          |
| Liquid Temperature (°C): 22.3±2                           |            |     |           |             |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                             | Dist. (mm) | RB  | RB offset | Frequency   |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                           |            |     |           | Ch.         | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT MIMO 2_AWAN_Sample 1  |            |     |           |             |        |                       |                            |              |            |              |          |
| Front edge                                                | 0          | 1   | 0         | 56207       | 3646.7 | 16.42                 | 16.5                       | 62.9         | 0.680      | 0.697        |          |
| Bottom                                                    | 0          | 1   | 0         | 55340       | 3560   | 16.37                 | 16.5                       | 62.9         | 0.799      | 0.828        |          |
| Bottom                                                    | 0          | 1   | 0         | 55773       | 3603.3 | 16.40                 | 16.5                       | 62.9         | 0.801      | 0.825        |          |
| Bottom                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 16.42                 | 16.5                       | 62.9         | 0.898      | <b>0.920</b> | 17       |
| Bottom                                                    | 0          | 50  | 0         | 55340       | 3560   | 16.24                 | 16.5                       | 62.9         | 0.719      | 0.768        |          |
| Bottom                                                    | 0          | 50  | 0         | 55773       | 3603.3 | 16.32                 | 16.5                       | 62.9         | 0.727      | 0.762        |          |
| Bottom                                                    | 0          | 50  | 0         | 56207       | 3646.7 | 16.37                 | 16.5                       | 62.9         | 0.862      | 0.894        |          |
| Bottom                                                    | 0          | 50  | 0         | 56640       | 3690   | 16.31                 | 16.5                       | 62.9         | 0.747      | 0.785        |          |
| Bottom                                                    | 0          | 100 | 0         | 56207       | 3646.7 | 16.29                 | 16.5                       | 62.9         | 0.859      | 0.907        |          |
| Bottom                                                    | 0          | 1   | 0         | 56640       | 3690   | 16.38                 | 16.5                       | 62.9         | 0.823      | 0.851        |          |
| Test Mode: LTE Band 48C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 55891+56098 | 2615.1 | 16.14                 | 16.5                       | 62.9         | 0.682      | 0.745        |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT MIMO 2_ICT_Sample 2   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 16.42                 | 16.5                       | 62.9         | 0.850      | 0.871        |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT MIMO 2_AWAN_Sample 3  |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 16.42                 | 16.5                       | 62.9         | 0.848      | 0.869        |          |
| Test Mode: LTE Band 48_20M_QPSK_ANT MIMO 2_ICT_Sample 4   |            |     |           |             |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 56207       | 3646.7 | 16.42                 | 16.5                       | 62.9         | 0.808      | 0.828        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |            |     |           |               |        |                       |                            |              |            |              |          |
|---------------------------------------------------------------|------------|-----|-----------|---------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.7±2                              |            |     |           |               |        |                       | Relative Humidity (%): 52% |              |            |              |          |
| Liquid Temperature (°C): 21.7 ±2                              |            |     |           |               |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                 | Dist. (mm) | RB  | RB offset | Frequency     |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                               |            |     |           | Ch.           | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT Main_AWAN_Sample 1        |            |     |           |               |        |                       |                            |              |            |              |          |
| Front edge                                                    | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.578      | 0.581        |          |
| Bottom                                                        | 0          | 1   | 0         | 132072        | 1720   | 18.26                 | 18.5                       | -            | 0.761      | 0.804        |          |
| Bottom                                                        | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.861      | <b>0.865</b> | 42       |
| Bottom                                                        | 0          | 50  | 0         | 132072        | 1720   | 18.14                 | 18.5                       | -            | 0.738      | 0.802        |          |
| Bottom                                                        | 0          | 50  | 0         | 132322        | 1745   | 18.37                 | 18.5                       | -            | 0.821      | 0.846        |          |
| Bottom                                                        | 0          | 50  | 0         | 132572        | 1770   | 18.15                 | 18.5                       | -            | 0.759      | 0.823        |          |
| Bottom                                                        | 0          | 100 | 0         | 132322        | 1745   | 18.12                 | 18.5                       | -            | 0.791      | 0.863        |          |
| Bottom                                                        | 0          | 1   | 0         | 132572        | 1770   | 18.33                 | 18.5                       | -            | 0.831      | 0.864        |          |
| Test Mode: LTE Band 66B_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132373+132472 | 1750.1 | 18.10                 | 18.5                       | -            | 0.717      | 0.786        |          |
| Test Mode: LTE Band 66C_20M_QPSK_ANT Main_AWAN_Sample 1       |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132323+133421 | 1745.1 | 18.09                 | 18.5                       | -            | 0.715      | 0.786        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT Main_ICT_Sample 2         |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.785      | 0.789        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT Main_AWAN_Sample 3        |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.805      | 0.809        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT Main_ICT_Sample 4         |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.791      | 0.795        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT Main_AWAN_Sample 1_Verify |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                        | 0          | 1   | 0         | 132322        | 1745   | 18.48                 | 18.5                       | -            | 0.857      | 0.861        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)

| SAR MEASUREMENT                                           |            |     |           |               |        |                       |                            |              |            |              |          |
|-----------------------------------------------------------|------------|-----|-----------|---------------|--------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.7±2                          |            |     |           |               |        |                       | Relative Humidity (%): 52% |              |            |              |          |
| Liquid Temperature (°C):21.7 ±2                           |            |     |           |               |        |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                             | Dist. (mm) | RB  | RB offset | Frequency     |        | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                           |            |     |           | Ch.           | MHz    | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT MIMO 2_AWAN_Sample 1  |            |     |           |               |        |                       |                            |              |            |              |          |
| Front edge                                                | 0          | 1   | 0         | 132322        | 1745   | 17.97                 | 18                         | -            | 0.538      | 0.542        |          |
| Bottom                                                    | 0          | 1   | 0         | 132072        | 1720   | 17.75                 | 18                         | -            | 0.701      | 0.743        |          |
| Bottom                                                    | 0          | 1   | 0         | 132322        | 1745   | 17.97                 | 18                         | -            | 0.747      | <b>0.752</b> | 9        |
| Bottom                                                    | 0          | 50  | 0         | 132322        | 1745   | 17.86                 | 18                         | -            | 0.708      | 0.731        |          |
| Bottom                                                    | 0          | 100 | 0         | 132322        | 1745   | 17.80                 | 18                         | -            | 0.711      | 0.745        |          |
| Bottom                                                    | 0          | 1   | 0         | 132572        | 1770   | 17.83                 | 18                         | -            | 0.721      | 0.750        |          |
| Test Mode: LTE Band 66B_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 132373+132472 | 1750.1 | 17.65                 | 18                         | -            | 0.692      | 0.750        |          |
| Test Mode: LTE Band 66C_20M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 132323+133421 | 1745.1 | 17.62                 | 18                         | -            | 0.688      | 0.751        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT MIMO 2_ICT_Sample 2   |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 132322        | 1745   | 17.97                 | 18                         | -            | 0.668      | 0.673        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT MIMO 2_AWAN_Sample 3  |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 132322        | 1745   | 17.97                 | 18                         | -            | 0.697      | 0.702        |          |
| Test Mode: LTE Band 66_20M_QPSK_ANT MIMO 2_ICT_Sample 4   |            |     |           |               |        |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 0         | 132322        | 1745   | 17.97                 | 18                         | -            | 0.684      | 0.689        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)

| SAR MEASUREMENT                                        |            |     |           |           |     |                       |                            |              |            |              |          |
|--------------------------------------------------------|------------|-----|-----------|-----------|-----|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                      |            |     |           |           |     |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.1±2                        |            |     |           |           |     |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                          | Dist. (mm) | RB  | RB offset | Frequency |     | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                        |            |     |           | Ch.       | MHz | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: LTE Band 71_20M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |           |     |                       |                            |              |            |              |          |
| Front edge                                             | 0          | 1   | 0         | 133322    | 683 | 23.91                 | 24                         | -            | 0.520      | 0.531        |          |
| Bottom                                                 | 0          | 1   | 0         | 133222    | 673 | 23.86                 | 24                         | -            | 0.751      | 0.776        |          |
| Bottom                                                 | 0          | 1   | 0         | 133322    | 683 | 23.91                 | 24                         | -            | 0.768      | <b>0.784</b> | 41       |
| Bottom                                                 | 0          | 50  | 0         | 133222    | 673 | 1.00                  | 1                          | -            | 0.733      | 0.733        |          |
| Bottom                                                 | 0          | 50  | 0         | 133322    | 683 | 23.82                 | 24                         | -            | 0.746      | 0.778        |          |
| Bottom                                                 | 0          | 50  | 0         | 133372    | 688 | 1.00                  | 1                          | -            | 0.728      | 0.728        |          |
| Bottom                                                 | 0          | 100 | 0         | 133322    | 683 | 23.78                 | 24                         | -            | 0.739      | 0.777        |          |
| Bottom                                                 | 0          | 1   | 0         | 133372    | 688 | 23.85                 | 24                         | -            | 0.754      | 0.780        |          |
| Test Mode: LTE Band 71_20M_QPSK_ANT Main_ICT_Sample 2  |            |     |           |           |     |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 133372    | 683 | 23.91                 | 24                         | -            | 0.721      | 0.736        |          |
| Test Mode: LTE Band 71_20M_QPSK_ANT Main_AWAN_Sample 3 |            |     |           |           |     |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 133322    | 683 | 23.91                 | 24                         | -            | 0.746      | 0.762        |          |
| Test Mode: LTE Band 71_20M_QPSK_ANT Main_ICT_Sample 4  |            |     |           |           |     |                       |                            |              |            |              |          |
| Bottom                                                 | 0          | 1   | 0         | 133322    | 683 | 23.91                 | 24                         | -            | 0.718      | 0.733        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                  |               |     |           |           |      |                          |                  |                            |               |              |          |
|--------------------------------------------------|---------------|-----|-----------|-----------|------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23.3 ±2                |               |     |           |           |      |                          |                  | Relative Humidity (%): 50% |               |              |          |
| Liquid Temperature (°C):22.3   ±2                |               |     |           |           |      |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                 | Dist.<br>(mm) | RB  | RB offset | Frequency |      | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                  |               |     |           | Ch.       | MHz  | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n7_40M_QPSK_ANT Main_AWAN_Sample 1 |               |     |           |           |      |                          |                  |                            |               |              |          |
| Front edge                                       | 0             | 1   | 1         | 507000    | 2535 | 17.19                    | 18.5             | -                          | 0.427         | 0.577        |          |
| Bottom                                           | 0             | 1   | 1         | 505000    | 2525 | 17.09                    | 18.5             | -                          | 0.674         | 0.933        |          |
| Bottom                                           | 0             | 1   | 1         | 507000    | 2535 | 17.19                    | 18.5             | -                          | 0.710         | <b>0.960</b> | 86       |
| Bottom                                           | 0             | 108 | 54        | 505000    | 2525 | 17.00                    | 18.5             | -                          | 0.668         | 0.944        |          |
| Bottom                                           | 0             | 108 | 54        | 507000    | 2535 | 17.12                    | 18.5             | -                          | 0.688         | 0.945        |          |
| Bottom                                           | 0             | 108 | 54        | 509000    | 2545 | 17.02                    | 18.5             | -                          | 0.674         | 0.948        |          |
| Bottom                                           | 0             | 216 | 0         | 507000    | 2535 | 17.03                    | 18.5             | -                          | 0.681         | 0.955        |          |
| Bottom                                           | 0             | 1   | 1         | 509000    | 2545 | 17.05                    | 18.5             | -                          | 0.687         | 0.959        |          |
| Test Mode: NR n7_40M_QPSK_ANT Main_ICT_Sample 2  |               |     |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                           | 0             | 1   | 1         | 507000    | 2535 | 17.19                    | 18.5             | -                          | 0.621         | 0.840        |          |
| Test Mode: NR n7_40M_QPSK_ANT Main_AWAN_Sample 3 |               |     |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                           | 0             | 1   | 1         | 507000    | 2535 | 17.19                    | 18.5             | -                          | 0.672         | 0.909        |          |
| Test Mode: NR n7_40M_QPSK_ANT Main_ICT_Sample 4  |               |     |           |           |      |                          |                  |                            |               |              |          |
| Bottom                                           | 0             | 1   | 1         | 507000    | 2535 | 17.19                    | 18.5             | -                          | 0.610         | 0.825        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                           |            |     |           |           |      |                       |                            |              |            |              |          |
|-----------------------------------------------------------|------------|-----|-----------|-----------|------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.3 ±2                         |            |     |           |           |      |                       | Relative Humidity (%): 50% |              |            |              |          |
| Liquid Temperature (°C): 22.3±2                           |            |     |           |           |      |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                             | Dist. (mm) | RB  | RB offset | Frequency |      | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                           |            |     |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n7_40M_QPSK_ANT MIMO 2_AWAN_Sample 1        |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                                | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 0.411      | 0.442        |          |
| Bottom                                                    | 0          | 1   | 1         | 505000    | 2525 | 16.13                 | 16.5                       | -            | 0.983      | 1.070        |          |
| Bottom                                                    | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 1.010      | <b>1.087</b> | 7        |
| Bottom                                                    | 0          | 108 | 54        | 505000    | 2525 | 16.08                 | 16.5                       | -            | 0.952      | 1.049        |          |
| Bottom                                                    | 0          | 108 | 54        | 507000    | 2535 | 16.09                 | 16.5                       | -            | 0.975      | 1.072        |          |
| Bottom                                                    | 0          | 108 | 54        | 509000    | 2545 | 16.10                 | 16.5                       | -            | 0.963      | 1.056        |          |
| Bottom                                                    | 0          | 216 | 0         | 507000    | 2535 | 16.00                 | 16.5                       | -            | 0.952      | 1.068        |          |
| Bottom                                                    | 0          | 1   | 1         | 509000    | 2545 | 16.15                 | 16.5                       | -            | 0.994      | 1.077        |          |
| Test Mode: NR n7_40M_QPSK_ANT MIMO 2_ICT_Sample 2         |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 0.843      | 0.907        |          |
| Test Mode: NR n7_40M_QPSK_ANT MIMO 2_AWAN_Sample 3        |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 0.920      | 0.990        |          |
| Test Mode: NR n7_40M_QPSK_ANT MIMO 2_ICT_Sample 4         |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 0.881      | 0.948        |          |
| Test Mode: NR n7_40M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                    | 0          | 1   | 1         | 507000    | 2535 | 16.18                 | 16.5                       | -            | 0.985      | 1.060        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                   |            |    |           |           |       |                       |               |                            |            |              |          |
|---------------------------------------------------|------------|----|-----------|-----------|-------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.8±2                  |            |    |           |           |       |                       |               | Relative Humidity (%): 52% |            |              |          |
| Liquid Temperature (°C):21.8 ±2                   |            |    |           |           |       |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                     | Dist. (mm) | RB | RB offset | Frequency |       | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                   |            |    |           | Ch.       | MHz   | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n12_15M_QPSK_ANT Main_AWAN_Sample 1 |            |    |           |           |       |                       |               |                            |            |              |          |
| Front edge                                        | 0          | 1  | 1         | 141500    | 707.5 | 20.77                 | 21.5          | -                          | 0.315      | 0.373        |          |
| Bottom                                            | 0          | 1  | 1         | 141300    | 706.5 | 20.71                 | 21.5          | -                          | 0.562      | 0.674        |          |
| Bottom                                            | 0          | 1  | 1         | 141500    | 707.5 | 20.77                 | 21.5          | -                          | 0.595      | <b>0.704</b> | 74       |
| Bottom                                            | 0          | 36 | 18        | 141500    | 707.5 | 20.57                 | 21.5          | -                          | 0.561      | 0.695        |          |
| Bottom                                            | 0          | 75 | 0         | 141500    | 707.5 | 20.48                 | 21.5          | -                          | 0.553      | 0.699        |          |
| Bottom                                            | 0          | 1  | 1         | 141700    | 708.5 | 20.69                 | 21.5          | -                          | 0.567      | 0.683        |          |
| Test Mode: NR n12_15M_QPSK_ANT Main_ICT_Sample 2  |            |    |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 141500    | 707.5 | 20.77                 | 21.5          | -                          | 0.506      | 0.599        |          |
| Test Mode: NR n12_15M_QPSK_ANT Main_AWAN_Sample 3 |            |    |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 141500    | 707.5 | 20.77                 | 21.5          | -                          | 0.563      | 0.666        |          |
| Test Mode: NR n12_15M_QPSK_ANT Main_ICT_Sample 4  |            |    |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 141500    | 707.5 | 20.77                 | 21.5          | -                          | 0.549      | 0.649        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                          |               |    |           |           |     |                          |                  |                            |               |              |          |
|----------------------------------------------------------|---------------|----|-----------|-----------|-----|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 22.8 ±2                        |               |    |           |           |     |                          |                  | Relative Humidity (%): 52% |               |              |          |
| Liquid Temperature (°C): 21.8±2                          |               |    |           |           |     |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                         | Dist.<br>(mm) | RB | RB offset | Frequency |     | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                          |               |    |           | Ch.       | MHz | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n13_10M_QPSK_ANT Main_AWAN_Sample 1        |               |    |           |           |     |                          |                  |                            |               |              |          |
| Front edge                                               | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.479         | 0.547        |          |
| Bottom                                                   | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.868         | <b>0.992</b> | 76       |
| Bottom                                                   | 0             | 25 | 12        | 156400    | 782 | 20.81                    | 21.5             | -                          | 0.833         | 0.976        |          |
| Bottom                                                   | 0             | 50 | 0         | 156400    | 782 | 20.75                    | 21.5             | -                          | 0.812         | 0.965        |          |
| Test Mode: NR n13_10M_QPSK_ANT Main_ICT_Sample 2         |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                   | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.748         | 0.855        |          |
| Test Mode: NR n13_10M_QPSK_ANT Main_AWAN_Sample 3        |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                   | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.864         | 0.987        |          |
| Test Mode: NR n13_10M_QPSK_ANT Main_ICT_Sample 4         |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                   | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.851         | 0.973        |          |
| Test Mode: NR n13_10M_QPSK_ANT Main_AWAN_Sample 1_Verify |               |    |           |           |     |                          |                  |                            |               |              |          |
| Bottom                                                   | 0             | 1  | 1         | 156400    | 782 | 20.92                    | 21.5             | -                          | 0.859         | 0.982        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                   |            |    |           |           |     |                       |               |                            |            |              |          |
|---------------------------------------------------|------------|----|-----------|-----------|-----|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.8±2                  |            |    |           |           |     |                       |               | Relative Humidity (%): 52% |            |              |          |
| Liquid Temperature (°C): 21.8±2                   |            |    |           |           |     |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                     | Dist. (mm) | RB | RB offset | Frequency |     | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                   |            |    |           | Ch.       | MHz | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n14_10M_QPSK_ANT Main_AWAN_Sample 1 |            |    |           |           |     |                       |               |                            |            |              |          |
| Front edge                                        | 0          | 1  | 1         | 158600    | 793 | 20.88                 | 21.5          | -                          | 0.569      | 0.656        |          |
| Bottom                                            | 0          | 1  | 1         | 158600    | 793 | 20.88                 | 21.5          | -                          | 0.703      | <b>0.811</b> | 78       |
| Bottom                                            | 0          | 25 | 12        | 158600    | 793 | 20.79                 | 21.5          | -                          | 0.642      | 0.756        |          |
| Bottom                                            | 0          | 50 | 0         | 158600    | 793 | 20.72                 | 21.5          | -                          | 0.638      | 0.764        |          |
| Test Mode: NR n14_10M_QPSK_ANT Main_ICT_Sample 2  |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 158600    | 793 | 20.88                 | 21.5          | -                          | 0.613      | 0.707        |          |
| Test Mode: NR n14_10M_QPSK_ANT Main_AWAN_Sample 3 |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 158600    | 793 | 20.88                 | 21.5          | -                          | 0.657      | 0.758        |          |
| Test Mode: NR n14_10M_QPSK_ANT Main_ICT_Sample 4  |            |    |           |           |     |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 158600    | 793 | 20.88                 | 21.5          | -                          | 0.638      | 0.736        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                   |            |     |           |           |        |                       |               |                            |            |              |          |
|---------------------------------------------------|------------|-----|-----------|-----------|--------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 23±2                    |            |     |           |           |        |                       |               | Relative Humidity (%): 51% |            |              |          |
| Liquid Temperature (°C): 22±2                     |            |     |           |           |        |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                     | Dist. (mm) | RB  | RB offset | Frequency |        | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                   |            |     |           | Ch.       | MHz    | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n25_40M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |           |        |                       |               |                            |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 376500    | 1882.5 | 17.78                 | 18            | -                          | 0.464      | 0.488        |          |
| Bottom                                            | 0          | 1   | 1         | 374000    | 1870   | 17.76                 | 18            | -                          | 0.774      | 0.818        |          |
| Bottom                                            | 0          | 1   | 1         | 376500    | 1882.5 | 17.78                 | 18            | -                          | 0.803      | <b>0.845</b> | 82       |
| Bottom                                            | 0          | 108 | 54        | 374000    | 1870   | 17.73                 | 18            | -                          | 0.752      | 0.800        |          |
| Bottom                                            | 0          | 108 | 54        | 376500    | 1882.5 | 17.75                 | 18            | -                          | 0.782      | 0.828        |          |
| Bottom                                            | 0          | 108 | 54        | 379000    | 1895   | 17.65                 | 18            | -                          | 0.741      | 0.803        |          |
| Bottom                                            | 0          | 216 | 0         | 376500    | 1882.5 | 17.64                 | 18            | -                          | 0.770      | 0.837        |          |
| Bottom                                            | 0          | 1   | 1         | 379000    | 1895   | 17.72                 | 18            | -                          | 0.764      | 0.815        |          |
| Test Mode: NR n25_40M_QPSK_ANT Main_ICT_Sample 2  |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 376500    | 1882.5 | 17.78                 | 18            | -                          | 0.696      | 0.732        |          |
| Test Mode: NR n25_40M_QPSK_ANT Main_AWAN_Sample 3 |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 376500    | 1882.5 | 17.78                 | 18            | -                          | 0.791      | 0.832        |          |
| Test Mode: NR n25_40M_QPSK_ANT Main_ICT_Sample 4  |            |     |           |           |        |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 376500    | 1882.5 | 17.78                 | 18            | -                          | 0.757      | 0.796        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n2 (1850-1910 MHz) is covered by n25 (1850-1915 MHz)

| SAR MEASUREMENT                                            |               |     |           |           |        |                          |                            |                    |               |              |          |
|------------------------------------------------------------|---------------|-----|-----------|-----------|--------|--------------------------|----------------------------|--------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23±2                             |               |     |           |           |        |                          | Relative Humidity (%): 51% |                    |               |              |          |
| Liquid Temperature (°C): 22±2                              |               |     |           |           |        |                          | Depth of Liquid (cm): >15  |                    |               |              |          |
| Test<br>Position                                           | Dist.<br>(mm) | RB  | RB offset | Frequency |        | Conducted Power<br>(dBm) |                            | Duty<br>Cycle<br>% | SAR<br>(W/kg) |              | Plot No. |
|                                                            |               |     |           | Ch.       | MHz    | Meas.                    | Tune-Up<br>Limit           |                    | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n25_40M_QPSK_ANT MIMO 2_AWAN_Sample 1        |               |     |           |           |        |                          |                            |                    |               |              |          |
| Front edge                                                 | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 0.665         | 0.693        |          |
| Bottom                                                     | 0             | 1   | 1         | 374000    | 1870   | 16.28                    | 16.5                       | -                  | 0.953         | 1.003        |          |
| Bottom                                                     | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 1.060         | <b>1.105</b> | 6        |
| Bottom                                                     | 0             | 108 | 54        | 374000    | 1870   | 16.23                    | 16.5                       | -                  | 0.865         | 0.920        |          |
| Bottom                                                     | 0             | 108 | 54        | 376500    | 1882.5 | 16.27                    | 16.5                       | -                  | 0.978         | 1.031        |          |
| Bottom                                                     | 0             | 108 | 54        | 379000    | 1895   | 16.22                    | 16.5                       | -                  | 0.933         | 0.995        |          |
| Bottom                                                     | 0             | 216 | 0         | 376500    | 1882.5 | 16.22                    | 16.5                       | -                  | 0.964         | 1.028        |          |
| Bottom                                                     | 0             | 1   | 1         | 379000    | 1895   | 16.26                    | 16.5                       | -                  | 0.982         | 1.038        |          |
| Test Mode: NR n25_40M_QPSK_ANT MIMO 2_ICT_Sample 2         |               |     |           |           |        |                          |                            |                    |               |              |          |
| Bottom                                                     | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 0.883         | 0.920        |          |
| Test Mode: NR n25_40M_QPSK_ANT MIMO 2_AWAN_Sample 3        |               |     |           |           |        |                          |                            |                    |               |              |          |
| Bottom                                                     | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 1.020         | 1.063        |          |
| Test Mode: NR n25_40M_QPSK_ANT MIMO 2_ICT_Sample 4         |               |     |           |           |        |                          |                            |                    |               |              |          |
| Bottom                                                     | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 0.911         | 0.950        |          |
| Test Mode: NR n25_40M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify |               |     |           |           |        |                          |                            |                    |               |              |          |
| Bottom                                                     | 0             | 1   | 1         | 376500    | 1882.5 | 16.32                    | 16.5                       | -                  | 1.040         | 1.084        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n2 (1850-1910 MHz) is covered by n25 (1850-1915 MHz)

| SAR MEASUREMENT                                   |            |     |           |           |       |                       |                            |              |            |              |          |
|---------------------------------------------------|------------|-----|-----------|-----------|-------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.3±2                  |            |     |           |           |       |                       | Relative Humidity (%): 53% |              |            |              |          |
| Liquid Temperature (°C): 22.3±2                   |            |     |           |           |       |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                     | Dist. (mm) | RB  | RB offset | Frequency |       | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                   |            |     |           | Ch.       | MHz   | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n26_20M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |           |       |                       |                            |              |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 164800    | 824   | 21.12                 | 21.5                       | -            | 0.641      | 0.700        |          |
| Front edge                                        | 0          | 1   | 1         | 166300    | 831.5 | 21.15                 | 21.5                       | -            | 0.695      | <b>0.753</b> | 120      |
| Front edge                                        | 0          | 50  | 25        | 166300    | 831.5 | 21.09                 | 21.5                       | -            | 0.678      | 0.745        |          |
| Front edge                                        | 0          | 100 | 0         | 166300    | 831.5 | 21.00                 | 21.5                       | -            | 0.651      | 0.730        |          |
| Front edge                                        | 0          | 1   | 1         | 167800    | 839   | 21.11                 | 21.5                       | -            | 0.684      | 0.748        |          |
| Bottom                                            | 0          | 1   | 1         | 166300    | 831.5 | 21.15                 | 21.5                       | -            | 0.620      | 0.672        |          |
| Test Mode: NR n26_20M_QPSK_ANT Main_ICT_Sample 2  |            |     |           |           |       |                       |                            |              |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 166300    | 831.5 | 21.15                 | 21.5                       | -            | 0.620      | 0.672        |          |
| Test Mode: NR n26_20M_QPSK_ANT Main_AWAN_Sample 3 |            |     |           |           |       |                       |                            |              |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 166300    | 831.5 | 21.15                 | 21.5                       | -            | 0.692      | 0.750        |          |
| Test Mode: NR n26_20M_QPSK_ANT Main_ICT_Sample 4  |            |     |           |           |       |                       |                            |              |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 166300    | 831.5 | 21.15                 | 21.5                       | -            | 0.618      | 0.670        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
2. n5 (824-849 MHz) is covered by n26 (814-849 MHz)

| SAR MEASUREMENT                                   |            |    |           |           |      |                       |                            |              |            |              |          |
|---------------------------------------------------|------------|----|-----------|-----------|------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                 |            |    |           |           |      |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.1±2                   |            |    |           |           |      |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                     | Dist. (mm) | RB | RB offset | Frequency |      | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                   |            |    |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n30_10M_QPSK_ANT Main_AWAN_Sample 1 |            |    |           |           |      |                       |                            |              |            |              |          |
| Front edge                                        | 0          | 1  | 1         | 462000    | 2310 | 17.38                 | 17.5                       | -            | 0.816      | 0.839        |          |
| Front edge                                        | 0          | 25 | 12        | 462000    | 2310 | 17.32                 | 17.5                       | -            | 0.774      | 0.807        |          |
| Front edge                                        | 0          | 50 | 0         | 462000    | 2310 | 17.25                 | 17.5                       | -            | 0.769      | 0.815        |          |
| Bottom                                            | 0          | 1  | 1         | 462000    | 2310 | 17.38                 | 17.5                       | -            | 0.831      | <b>0.854</b> | 84       |
| Bottom                                            | 0          | 25 | 12        | 462000    | 2310 | 17.32                 | 17.5                       | -            | 0.811      | 0.845        |          |
| Bottom                                            | 0          | 50 | 0         | 462000    | 2310 | 17.25                 | 17.5                       | -            | 0.795      | 0.842        |          |
| Test Mode: NR n30_10M_QPSK_ANT Main_ICT_Sample 2  |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 462000    | 2310 | 17.38                 | 17.5                       | -            | 0.712      | 0.732        |          |
| Test Mode: NR n30_10M_QPSK_ANT Main_AWAN_Sample 3 |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 462000    | 2310 | 17.38                 | 17.5                       | -            | 0.751      | 0.772        |          |
| Test Mode: NR n30_10M_QPSK_ANT Main_ICT_Sample 4  |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                            | 0          | 1  | 1         | 462000    | 2310 | 17.38                 | 17.5                       | -            | 0.700      | 0.720        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                            |            |    |           |           |      |                       |                            |              |            |              |          |
|------------------------------------------------------------|------------|----|-----------|-----------|------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1±2                           |            |    |           |           |      |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 22.1 ±2                           |            |    |           |           |      |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                              | Dist. (mm) | RB | RB offset | Frequency |      | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                            |            |    |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n30_10M_QPSK_ANT MIMO 2_AWAN_Sample 1        |            |    |           |           |      |                       |                            |              |            |              |          |
| Front edge                                                 | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 0.613      | 0.643        |          |
| Bottom                                                     | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 1.030      | <b>1.081</b> | 3        |
| Bottom                                                     | 0          | 25 | 12        | 462000    | 2310 | 15.19                 | 15.5                       | -            | 0.978      | 1.050        |          |
| Bottom                                                     | 0          | 50 | 0         | 462000    | 2310 | 15.13                 | 15.5                       | -            | 0.961      | 1.046        |          |
| Test Mode: NR n30_10M_QPSK_ANT MIMO 2_ICT_Sample 2         |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 0.866      | 0.909        |          |
| Test Mode: NR n30_10M_QPSK_ANT MIMO 2_AWAN_Sample 3        |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 0.930      | 0.976        |          |
| Test Mode: NR n30_10M_QPSK_ANT MIMO 2_ICT_Sample 4         |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 0.842      | 0.884        |          |
| Test Mode: NR n30_10M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify |            |    |           |           |      |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1  | 1         | 462000    | 2310 | 15.29                 | 15.5                       | -            | 1.000      | 1.050        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |               |     |           |           |         |                          |                  |                            |               |              |          |
|---------------------------------------------------------------|---------------|-----|-----------|-----------|---------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C):23.1   ±2                            |               |     |           |           |         |                          |                  | Relative Humidity (%): 53% |               |              |          |
| Liquid Temperature (°C):22.1   ±2                             |               |     |           |           |         |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                              | Dist.<br>(mm) | RB  | RB offset | Frequency |         | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                               |               |     |           | Ch.       | MHz     | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n41_100M_QPSK_ANT Main_AWAN_Sample 1            |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 518598    | 2592.99 | 23.10                    | 24               | -                          | 0.234         | 0.288        |          |
| Bottom                                                        | 0             | 1   | 1         | 509202    | 2546.01 | 22.99                    | 24               | -                          | 0.421         | 0.531        |          |
| Bottom                                                        | 0             | 1   | 1         | 513900    | 2569.5  | 23.00                    | 24               | -                          | 0.436         | 0.549        |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.10                    | 24               | -                          | 0.448         | <b>0.551</b> | 88       |
| Bottom                                                        | 0             | 135 | 67        | 518598    | 2592.99 | 23.01                    | 24               | -                          | 0.428         | 0.538        |          |
| Bottom                                                        | 0             | 270 | 0         | 518598    | 2592.99 | 22.90                    | 24               | -                          | 0.420         | 0.541        |          |
| Bottom                                                        | 0             | 1   | 1         | 523302    | 2616.51 | 23.05                    | 24               | -                          | 0.429         | 0.534        |          |
| Bottom                                                        | 0             | 1   | 1         | 528000    | 2640    | 23.02                    | 24               | -                          | 0.407         | 0.510        |          |
| Test Mode: NR n41_HPUE PC2_100M_QPSK_ANT Main_AWAN_Sample 1   |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.04                    | 24               | -                          | 0.431         | 0.538        |          |
| Test Mode: NR n41_HPUE PC1.5_100M_QPSK_ANT Main_AWAN_Sample 1 |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.03                    | 24               | -                          | 0.428         | 0.535        |          |
| Test Mode: NR n41_100M_QPSK_ANT Main_ICT_Sample 2             |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.10                    | 24               | -                          | 0.439         | 0.540        |          |
| Test Mode: NR n41_100M_QPSK_ANT Main_AWAN_Sample 3            |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.10                    | 24               | -                          | 0.440         | 0.541        |          |
| Test Mode: NR n41_100M_QPSK_ANT Main_ICT_Sample 4             |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                        | 0             | 1   | 1         | 518598    | 2592.99 | 23.10                    | 24               | -                          | 0.421         | 0.518        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n38 (2570-2620 MHz) is covered by n41 (2496-2690 MHz)

| SAR MEASUREMENT                                                 |               |     |           |           |         |                          |                  |                            |               |              |          |
|-----------------------------------------------------------------|---------------|-----|-----------|-----------|---------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                               |               |     |           |           |         |                          |                  | Relative Humidity (%):53 % |               |              |          |
| Liquid Temperature (°C): 22.1 ±2                                |               |     |           |           |         |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                                | Dist.<br>(mm) | RB  | RB offset | Frequency |         | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                                 |               |     |           | Ch.       | MHz     | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 2_AWAN_Sample 1            |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                                      | 0             | 1   | 1         | 518598    | 2592.99 | 14.16                    | 14.5             | -                          | 0.618         | 0.668        |          |
| Bottom                                                          | 0             | 1   | 1         | 509202    | 2546.01 | 14.06                    | 14.5             | -                          | 0.706         | 0.781        |          |
| Bottom                                                          | 0             | 1   | 1         | 513900    | 2569.5  | 14.04                    | 14.5             | -                          | 0.701         | 0.779        |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 14.16                    | 14.5             | -                          | 0.725         | <b>0.784</b> | 1        |
| Bottom                                                          | 0             | 135 | 67        | 518598    | 2592.99 | 14.05                    | 14.5             | -                          | 0.701         | 0.778        |          |
| Bottom                                                          | 0             | 270 | 0         | 518598    | 2592.99 | 14.00                    | 14.5             | -                          | 0.691         | 0.775        |          |
| Bottom                                                          | 0             | 1   | 1         | 523302    | 2616.51 | 14.12                    | 14.5             | -                          | 0.701         | 0.765        |          |
| Bottom                                                          | 0             | 1   | 1         | 528000    | 2640    | 14.14                    | 14.5             | -                          | 0.716         | 0.778        |          |
| Test Mode: NR n41_HPUE PC2_100M_QPSK_ANT MIMO 2_AWAN_Sample 1   |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 13.99                    | 14.5             | -                          | 0.695         | 0.782        |          |
| Test Mode: NR n41_HPUE PC1.5_100M_QPSK_ANT MIMO 2_AWAN_Sample 1 |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 14.07                    | 14.5             | -                          | 0.702         | 0.775        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 2_ICT_Sample 2             |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 14.16                    | 14.5             | -                          | 0.615         | 0.665        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 2_AWAN_Sample 3            |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 14.16                    | 14.5             | -                          | 0.702         | 0.759        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 2_ICT_Sample 4             |               |     |           |           |         |                          |                  |                            |               |              |          |
| Bottom                                                          | 0             | 1   | 1         | 518598    | 2592.99 | 14.16                    | 14.5             | -                          | 0.699         | 0.756        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n38 (2570-2620 MHz) is covered by n41 (2496-2690 MHz)

| SAR MEASUREMENT                                                 |            |     |           |           |         |                       |                            |              |            |              |          |
|-----------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.9±2                                |            |     |           |           |         |                       | Relative Humidity (%): 51% |              |            |              |          |
| Liquid Temperature (°C): 21.9±2                                 |            |     |           |           |         |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                   | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                                 |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 1_AWAN_Sample 1            |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                      | 0          | 1   | 1         | 518598    | 2592.99 | 17.40                 | 17.5                       | -            | 0.222      | 0.227        |          |
| Bottom                                                          | 0          | 1   | 1         | 513900    | 2569.5  | 17.38                 | 17.5                       | -            | 0.712      | 0.732        |          |
| Bottom                                                          | 0          | 1   | 1         | 509202    | 2546.01 | 17.39                 | 17.5                       | -            | 0.724      | 0.743        |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.40                 | 17.5                       | -            | 0.736      | <b>0.753</b> | 32       |
| Bottom                                                          | 0          | 135 | 67        | 518598    | 2592.99 | 17.25                 | 17.5                       | -            | 0.702      | 0.744        |          |
| Bottom                                                          | 0          | 270 | 0         | 518598    | 2592.99 | 17.21                 | 17.5                       | -            | 0.682      | 0.729        |          |
| Bottom                                                          | 0          | 1   | 1         | 523302    | 2616.51 | 17.35                 | 17.5                       | -            | 0.706      | 0.731        |          |
| Bottom                                                          | 0          | 1   | 1         | 528000    | 2640    | 17.28                 | 17.5                       | -            | 0.683      | 0.718        |          |
| Test Mode: NR n41_HPUE PC2_100M_QPSK_ANT MIMO 1_AWAN_Sample 1   |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.37                 | 17.5                       | -            | 0.725      | 0.747        |          |
| Test Mode: NR n41_HPUE PC1.5_100M_QPSK_ANT MIMO 1_AWAN_Sample 1 |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.39                 | 17.5                       | -            | 0.733      | 0.752        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 1_ICT_Sample 2             |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.40                 | 17.5                       | -            | 0.671      | 0.687        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 1_AWAN_Sample 3            |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.40                 | 17.5                       | -            | 0.728      | 0.745        |          |
| Test Mode: NR n41_100M_QPSK_ANT MIMO 1_ICT_Sample 4             |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 518598    | 2592.99 | 17.40                 | 17.5                       | -            | 0.709      | 0.726        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                              |            |     |           |           |         |                       |               |                            |            |              |          |
|--------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 22.9 ±2                            |            |     |           |           |         |                       |               | Relative Humidity (%): 51% |            |              |          |
| Liquid Temperature (°C): 21.9±2                              |            |     |           |           |         |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                                | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                              |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n41_100M_QPSK_ANT Aux_AWAN_Sample 1            |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 509202    | 2546.01 | 18.23                 | 18.5          | -                          | 0.415      | 0.442        |          |
| Front edge                                                   | 0          | 1   | 1         | 513900    | 2569.5  | 18.31                 | 18.5          | -                          | 0.448      | 0.468        |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.36                 | 18.5          | -                          | 0.460      | <b>0.475</b> | 36       |
| Front edge                                                   | 0          | 135 | 67        | 518598    | 2592.99 | 18.30                 | 18.5          | -                          | 0.428      | 0.448        |          |
| Front edge                                                   | 0          | 270 | 0         | 518598    | 2592.99 | 18.26                 | 18.5          | -                          | 0.425      | 0.449        |          |
| Front edge                                                   | 0          | 1   | 1         | 523302    | 2616.51 | 18.20                 | 18.5          | -                          | 0.422      | 0.452        |          |
| Front edge                                                   | 0          | 1   | 1         | 528000    | 2640    | 18.22                 | 18.5          | -                          | 0.438      | 0.467        |          |
| Bottom                                                       | 0          | 1   | 1         | 518598    | 2592.99 | 18.36                 | 18.5          | -                          | 0.419      | 0.433        |          |
| Test Mode: NR n41_HPUE_PC2_100M_QPSK_ANT Aux_AWAN_Sample 1   |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.30                 | 18.5          | -                          | 0.421      | 0.441        |          |
| Test Mode: NR n41_HPUE_PC1.5_100M_QPSK_ANT Aux_AWAN_Sample 1 |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.32                 | 18.5          | -                          | 0.454      | 0.473        |          |
| Test Mode: NR n41_100M_QPSK_ANT Aux_ICT_Sample 2             |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.36                 | 18.5          | -                          | 0.404      | 0.417        |          |
| Test Mode: NR n41_100M_QPSK_ANT Aux_AWAN_Sample 3            |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.36                 | 18.5          | -                          | 0.436      | 0.450        |          |
| Test Mode: NR n41_100M_QPSK_ANT Aux_ICT_Sample 4             |            |     |           |           |         |                       |               |                            |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 518598    | 2592.99 | 18.36                 | 18.5          | -                          | 0.415      | 0.429        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                   |               |     |           |           |         |                          |                  |                            |               |              |          |
|---------------------------------------------------|---------------|-----|-----------|-----------|---------|--------------------------|------------------|----------------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 23±2                    |               |     |           |           |         |                          |                  | Relative Humidity (%): 50% |               |              |          |
| Liquid Temperature (°C): 22 ±2                    |               |     |           |           |         |                          |                  | Depth of Liquid (cm): >15  |               |              |          |
| Test<br>Position                                  | Dist.<br>(mm) | RB  | RB offset | Frequency |         | Conducted Power<br>(dBm) |                  | Duty<br>Cycle<br>%         | SAR<br>(W/kg) |              | Plot No. |
|                                                   |               |     |           | Ch.       | MHz     | Meas.                    | Tune-Up<br>Limit |                            | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n48_40M_QPSK_ANT Main_AWAN_Sample 1 |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                        | 0             | 1   | 1         | 638000    | 3570    | 16.61                    | 17               | -                          | 0.793         | 0.868        |          |
| Front edge                                        | 0             | 1   | 1         | 640444    | 3606.66 | 16.62                    | 17               | -                          | 0.814         | 0.888        |          |
| Front edge                                        | 0             | 1   | 1         | 642888    | 3643.32 | 16.63                    | 17               | -                          | 0.872         | <b>0.950</b> | 117      |
| Front edge                                        | 0             | 50  | 28        | 638000    | 3570    | 16.51                    | 17               | -                          | 0.771         | 0.863        |          |
| Front edge                                        | 0             | 50  | 28        | 640444    | 3606.66 | 16.54                    | 17               | -                          | 0.795         | 0.884        |          |
| Front edge                                        | 0             | 50  | 28        | 642888    | 3643.32 | 16.58                    | 17               | -                          | 0.854         | 0.941        |          |
| Front edge                                        | 0             | 50  | 28        | 645332    | 3679.98 | 16.41                    | 17               | -                          | 0.823         | 0.943        |          |
| Front edge                                        | 0             | 100 | 0         | 642888    | 3643.32 | 16.32                    | 17               | -                          | 0.803         | 0.939        |          |
| Front edge                                        | 0             | 1   | 1         | 645332    | 3679.98 | 16.53                    | 17               | -                          | 0.851         | 0.948        |          |
| Bottom                                            | 0             | 1   | 1         | 642888    | 3643.32 | 16.63                    | 17               | -                          | 0.366         | 0.399        |          |
| Test Mode: NR n48_40M_QPSK_ANT Main_ICT_Sample 2  |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                        | 0             | 1   | 1         | 642888    | 3643.32 | 16.50                    | 17               | -                          | 0.772         | 0.866        |          |
| Test Mode: NR n48_40M_QPSK_ANT Main_AWAN_Sample 3 |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                        | 0             | 1   | 1         | 642888    | 3643.32 | 16.50                    | 17               | -                          | 0.807         | 0.905        |          |
| Test Mode: NR n48_40M_QPSK_ANT Main_ICT_Sample 4  |               |     |           |           |         |                          |                  |                            |               |              |          |
| Front edge                                        | 0             | 1   | 1         | 642888    | 3643.32 | 16.50                    | 17               | -                          | 0.728         | 0.817        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                            |            |     |           |           |         |                       |                            |              |            |              |          |
|------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23 ±2                            |            |     |           |           |         |                       | Relative Humidity (%): 50% |              |            |              |          |
| Liquid Temperature (°C): 22±2                              |            |     |           |           |         |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                              | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                            |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n48_40M_QPSK_ANT MIMO 2_AWAN_Sample 1        |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                 | 0          | 1   | 1         | 642888    | 3643.32 | 15.41                 | 15.5                       | -            | 0.810      | 0.827        |          |
| Front edge                                                 | 0          | 50  | 28        | 642888    | 3643.32 | 15.28                 | 15.5                       | -            | 0.774      | 0.814        |          |
| Front edge                                                 | 0          | 100 | 0         | 642888    | 3643.32 | 15.08                 | 15.5                       | -            | 0.751      | 0.827        |          |
| Bottom                                                     | 0          | 1   | 1         | 638000    | 3570    | 15.33                 | 15.5                       | -            | 0.923      | 0.960        |          |
| Bottom                                                     | 0          | 1   | 1         | 640444    | 3606.66 | 15.39                 | 15.5                       | -            | 0.953      | 0.977        |          |
| Bottom                                                     | 0          | 1   | 1         | 642888    | 3643.32 | 15.41                 | 15.5                       | -            | 0.974      | <b>0.994</b> | 2        |
| Bottom                                                     | 0          | 50  | 28        | 638000    | 3570    | 15.15                 | 15.5                       | -            | 0.901      | 0.977        |          |
| Bottom                                                     | 0          | 50  | 28        | 640444    | 3606.66 | 15.16                 | 15.5                       | -            | 0.897      | 0.970        |          |
| Bottom                                                     | 0          | 50  | 28        | 642888    | 3643.32 | 15.28                 | 15.5                       | -            | 0.853      | 0.897        |          |
| Bottom                                                     | 0          | 50  | 28        | 645332    | 3679.98 | 15.12                 | 15.5                       | -            | 0.904      | 0.987        |          |
| Bottom                                                     | 0          | 100 | 0         | 642888    | 3643.32 | 15.11                 | 15.5                       | -            | 0.893      | 0.977        |          |
| Bottom                                                     | 0          | 1   | 1         | 645332    | 3679.98 | 15.30                 | 15.5                       | -            | 0.923      | 0.966        |          |
| Test Mode: NR n48_40M_QPSK_ANT MIMO 2_ICT_Sample 2         |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1   | 1         | 642888    | 3643.32 | 15.41                 | 15.5                       | -            | 0.909      | 0.928        |          |
| Test Mode: NR n48_40M_QPSK_ANT MIMO 2_AWAN_Sample 3        |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1   | 1         | 642888    | 3643.32 | 15.46                 | 15.5                       | -            | 0.834      | 0.842        |          |
| Test Mode: NR n48_40M_QPSK_ANT MIMO 2_ICT_Sample 4         |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1   | 1         | 642888    | 3643.32 | 15.41                 | 15.5                       | -            | 0.811      | 0.828        |          |
| Test Mode: NR n48_40M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                     | 0          | 1   | 1         | 642888    | 3643.32 | 15.41                 | 15.5                       | -            | 0.934      | 0.954        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                   |            |     |           |           |      |                       |               |                            |            |              |          |
|---------------------------------------------------|------------|-----|-----------|-----------|------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.2±2                  |            |     |           |           |      |                       |               | Relative Humidity (%): 52% |            |              |          |
| Liquid Temperature (°C):22.2 ±2                   |            |     |           |           |      |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                     | Dist. (mm) | RB  | RB offset | Frequency |      | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                   |            |     |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n66_40M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |           |      |                       |               |                            |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 349000    | 1745 | 17.36                 | 18.5          | -                          | 0.538      | 0.699        |          |
| Bottom                                            | 0          | 1   | 1         | 346000    | 1730 | 17.31                 | 18.5          | -                          | 0.720      | 0.947        |          |
| Bottom                                            | 0          | 1   | 1         | 349000    | 1745 | 17.36                 | 18.5          | -                          | 0.750      | <b>0.975</b> | 80       |
| Bottom                                            | 0          | 108 | 54        | 346000    | 1730 | 17.25                 | 18.5          | -                          | 0.709      | 0.945        |          |
| Bottom                                            | 0          | 108 | 54        | 349000    | 1745 | 17.30                 | 18.5          | -                          | 0.710      | 0.936        |          |
| Bottom                                            | 0          | 108 | 54        | 352000    | 1760 | 17.24                 | 18.5          | -                          | 0.728      | 0.973        |          |
| Bottom                                            | 0          | 216 | 0         | 349000    | 1745 | 17.23                 | 18.5          | -                          | 0.702      | 0.940        |          |
| Bottom                                            | 0          | 1   | 1         | 352000    | 1760 | 17.33                 | 18.5          | -                          | 0.737      | 0.965        |          |
| Test Mode: NR n66_40M_QPSK_ANT Main_ICT_Sample 2  |            |     |           |           |      |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 349000    | 1745 | 17.36                 | 18.5          | -                          | 0.661      | 0.859        |          |
| Test Mode: NR n66_40M_QPSK_ANT Main_AWAN_Sample 3 |            |     |           |           |      |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 349000    | 1745 | 17.36                 | 18.5          | -                          | 0.732      | 0.952        |          |
| Test Mode: NR n66_40M_QPSK_ANT Main_ICT_Sample 4  |            |     |           |           |      |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 349000    | 1745 | 17.36                 | 18.5          | -                          | 0.667      | 0.867        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n4 (1710-1755 MHz) is covered by n66 (1710-1780 MHz)

| SAR MEASUREMENT                                     |            |     |           |           |      |                       |                            |              |            |              |          |
|-----------------------------------------------------|------------|-----|-----------|-----------|------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C):23.2 ±2                    |            |     |           |           |      |                       | Relative Humidity (%): 52% |              |            |              |          |
| Liquid Temperature (°C): 22.2±2                     |            |     |           |           |      |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                       | Dist. (mm) | RB  | RB offset | Frequency |      | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                     |            |     |           | Ch.       | MHz  | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n66_40M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |           |      |                       |                            |              |            |              |          |
| Front edge                                          | 0          | 1   | 1         | 349000    | 1745 | 16.91                 | 17                         | -            | 0.653      | 0.667        |          |
| Bottom                                              | 0          | 1   | 1         | 346000    | 1730 | 16.88                 | 17                         | -            | 0.892      | 0.917        |          |
| Bottom                                              | 0          | 1   | 1         | 349000    | 1745 | 16.91                 | 17                         | -            | 0.904      | <b>0.923</b> | 4        |
| Bottom                                              | 0          | 108 | 54        | 346000    | 1730 | 16.80                 | 17                         | -            | 0.869      | 0.910        |          |
| Bottom                                              | 0          | 108 | 54        | 349000    | 1745 | 16.83                 | 17                         | -            | 0.881      | 0.916        |          |
| Bottom                                              | 0          | 108 | 54        | 352000    | 1760 | 16.81                 | 17                         | -            | 0.854      | 0.892        |          |
| Bottom                                              | 0          | 216 | 0         | 349000    | 1745 | 16.78                 | 17                         | -            | 0.876      | 0.922        |          |
| Bottom                                              | 0          | 1   | 1         | 352000    | 1760 | 16.85                 | 17                         | -            | 0.873      | 0.904        |          |
| Test Mode: NR n66_40M_QPSK_ANT MIMO 2_ICT_Sample 2  |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                              | 0          | 1   | 1         | 349000    | 1745 | 16.91                 | 17                         | -            | 0.872      | 0.890        |          |
| Test Mode: NR n66_40M_QPSK_ANT MIMO 2_AWAN_Sample 3 |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                              | 0          | 1   | 1         | 349000    | 1745 | 16.91                 | 17                         | -            | 0.888      | 0.907        |          |
| Test Mode: NR n66_40M_QPSK_ANT MIMO 2_ICT_Sample 4  |            |     |           |           |      |                       |                            |              |            |              |          |
| Bottom                                              | 0          | 1   | 1         | 349000    | 1745 | 16.91                 | 17                         | -            | 0.863      | 0.881        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n4 (1710-1755 MHz) is covered by n66 (1710-1780 MHz)

| SAR MEASUREMENT                                   |            |     |           |           |       |                       |               |                            |            |              |          |
|---------------------------------------------------|------------|-----|-----------|-----------|-------|-----------------------|---------------|----------------------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                 |            |     |           |           |       |                       |               | Relative Humidity (%): 51% |            |              |          |
| Liquid Temperature (°C): 22.1 ±2                  |            |     |           |           |       |                       |               | Depth of Liquid (cm): >15  |            |              |          |
| Test Position                                     | Dist. (mm) | RB  | RB offset | Frequency |       | Conducted Power (dBm) |               | Duty Cycle %               | SAR (W/kg) |              | Plot No. |
|                                                   |            |     |           | Ch.       | MHz   | Meas.                 | Tune-Up Limit |                            | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n71_20M_QPSK_ANT Main_AWAN_Sample 1 |            |     |           |           |       |                       |               |                            |            |              |          |
| Front edge                                        | 0          | 1   | 1         | 136100    | 680.5 | 23.07                 | 24            | -                          | 0.422      | 0.523        |          |
| Bottom                                            | 0          | 1   | 1         | 134600    | 673   | 22.97                 | 24            | -                          | 0.668      | 0.847        |          |
| Bottom                                            | 0          | 1   | 1         | 136100    | 680.5 | 23.07                 | 24            | -                          | 0.733      | <b>0.908</b> | 60       |
| Bottom                                            | 0          | 50  | 25        | 134600    | 673   | 22.81                 | 24            | -                          | 0.648      | 0.852        |          |
| Bottom                                            | 0          | 50  | 25        | 136100    | 680.5 | 22.85                 | 24            | -                          | 0.654      | 0.852        |          |
| Bottom                                            | 0          | 50  | 25        | 137600    | 688   | 22.83                 | 24            | -                          | 0.637      | 0.834        |          |
| Bottom                                            | 0          | 100 | 0         | 136100    | 680.5 | 22.78                 | 24            | -                          | 0.611      | 0.809        |          |
| Bottom                                            | 0          | 1   | 1         | 137600    | 688   | 22.98                 | 24            | -                          | 0.659      | 0.833        |          |
| Test Mode: NR n71_20M_QPSK_ANT Main_ICT_Sample 2  |            |     |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 136100    | 680.5 | 23.07                 | 24            | -                          | 0.694      | 0.860        |          |
| Test Mode: NR n71_20M_QPSK_ANT Main_AWAN_Sample 3 |            |     |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 136100    | 680.5 | 23.07                 | 24            | -                          | 0.706      | 0.875        |          |
| Test Mode: NR n71_20M_QPSK_ANT Main_ICT_Sample 4  |            |     |           |           |       |                       |               |                            |            |              |          |
| Bottom                                            | 0          | 1   | 1         | 136100    | 680.5 | 23.07                 | 24            | -                          | 0.699      | 0.866        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                               |               |     |           |           |         |                          |                            |                    |               |              |          |
|---------------------------------------------------------------|---------------|-----|-----------|-----------|---------|--------------------------|----------------------------|--------------------|---------------|--------------|----------|
| Ambient Temperature (°C): 22.8 ±2                             |               |     |           |           |         |                          | Relative Humidity (%): 52% |                    |               |              |          |
| Liquid Temperature (°C): 21.8 ±2                              |               |     |           |           |         |                          | Depth of Liquid (cm): >15  |                    |               |              |          |
| Test<br>Position                                              | Dist.<br>(mm) | RB  | RB offset | Frequency |         | Conducted Power<br>(dBm) |                            | Duty<br>Cycle<br>% | SAR<br>(W/kg) |              | Plot No. |
|                                                               |               |     |           | Ch.       | MHz     | Meas.                    | Tune-Up<br>Limit           |                    | Meas-1g       | Scaled-1g    |          |
| Test Mode: NR n77_100M_QPSK_ANT Main_AWAN_Sample 1            |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 633334    | 3500.01 | 16.50                    | 17                         | -                  | 0.771         | 0.865        |          |
| Front edge                                                    | 0             | 1   | 1         | 650000    | 3750    | 16.58                    | 17                         | -                  | 0.816         | 0.899        |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.69                    | 17                         | -                  | 0.841         | <b>0.903</b> | 115      |
| Front edge                                                    | 0             | 135 | 67        | 633334    | 3500.01 | 16.32                    | 17                         | -                  | 0.753         | 0.881        |          |
| Front edge                                                    | 0             | 135 | 67        | 650000    | 3750    | 16.47                    | 17                         | -                  | 0.784         | 0.886        |          |
| Front edge                                                    | 0             | 135 | 67        | 656000    | 3840    | 16.64                    | 17                         | -                  | 0.821         | 0.892        |          |
| Front edge                                                    | 0             | 135 | 67        | 662000    | 3930    | 16.48                    | 17                         | -                  | 0.795         | 0.896        |          |
| Front edge                                                    | 0             | 270 | 0         | 656000    | 3840    | 16.54                    | 17                         | -                  | 0.803         | 0.893        |          |
| Front edge                                                    | 0             | 1   | 1         | 662000    | 3930    | 16.61                    | 17                         | -                  | 0.813         | 0.889        |          |
| Bottom                                                        | 0             | 1   | 1         | 656000    | 3840    | 16.69                    | 17                         | -                  | 0.435         | 0.467        |          |
| Test Mode: NR n77_HPUE_PC2_100M_QPSK_ANT Main_AWAN_Sample 1   |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 633334    | 3500.01 | 16.47                    | 17                         | -                  | 0.757         | 0.855        |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.63                    | 17                         | -                  | 0.819         | 0.892        |          |
| Test Mode: NR n77_HPUE_PC1.5_100M_QPSK_ANT Main_AWAN_Sample 1 |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 633334    | 3500.01 | 16.45                    | 17                         | -                  | 0.736         | 0.835        |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.66                    | 17                         | -                  | 0.823         | 0.890        |          |
| Test Mode: NR n77_100M_QPSK_ANT Main_ICT_Sample 2             |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.69                    | 17                         | -                  | 0.739         | 0.794        |          |
| Test Mode: NR n77_100M_QPSK_ANT Main_AWAN_Sample 3            |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.69                    | 17                         | -                  | 0.783         | 0.841        |          |
| Test Mode: NR n77_100M_QPSK_ANT Main_ICT_Sample 4             |               |     |           |           |         |                          |                            |                    |               |              |          |
| Front edge                                                    | 0             | 1   | 1         | 656000    | 3840    | 16.69                    | 17                         | -                  | 0.707         | 0.759        |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n78 (3450-3550 MHz, 3700-3800 MHz) is covered by n77 (3450-3550 MHz, 3700-3980 MHz)

| SAR MEASUREMENT                                                 |            |     |           |           |         |                       |                            |              |            |           |          |
|-----------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|----------------------------|--------------|------------|-----------|----------|
| Ambient Temperature (°C): 22.8±2                                |            |     |           |           |         |                       | Relative Humidity (%): 52% |              |            |           |          |
| Liquid Temperature (°C): 21.8±2                                 |            |     |           |           |         |                       | Depth of Liquid (cm): >15  |              |            |           |          |
| Test Position                                                   | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |           | Plot No. |
|                                                                 |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 2_AWAN_Sample 1            |            |     |           |           |         |                       |                            |              |            |           |          |
| Front edge                                                      | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.684      | 0.715     |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 15.28                 | 15.5                       | -            | 0.832      | 0.875     |          |
| Bottom                                                          | 0          | 1   | 1         | 650000    | 3750    | 15.29                 | 15.5                       | -            | 0.829      | 0.870     |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.891      | 0.931     | 5        |
| Bottom                                                          | 0          | 1   | 1         | 662000    | 3930    | 15.27                 | 15.5                       | -            | 0.848      | 0.894     |          |
| Bottom                                                          | 0          | 135 | 67        | 633334    | 3500.01 | 15.17                 | 15.5                       | -            | 0.782      | 0.844     |          |
| Bottom                                                          | 0          | 135 | 67        | 650000    | 3750    | 15.09                 | 15.5                       | -            | 0.778      | 0.855     |          |
| Bottom                                                          | 0          | 135 | 67        | 656000    | 3840    | 15.21                 | 15.5                       | -            | 0.845      | 0.903     |          |
| Bottom                                                          | 0          | 135 | 67        | 662000    | 3930    | 15.13                 | 15.5                       | -            | 0.796      | 0.867     |          |
| Bottom                                                          | 0          | 270 | 0         | 656000    | 3840    | 15.15                 | 15.5                       | -            | 0.839      | 0.909     |          |
| Test Mode: NR n77_HPUE PC2_100M_QPSK_ANT MIMO 2_AWAN_Sample 1   |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 15.25                 | 15.5                       | -            | 0.817      | 0.865     |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.26                 | 15.5                       | -            | 0.879      | 0.929     |          |
| Test Mode: NR n77_HPUE PC1.5_100M_QPSK_ANT MIMO 2_AWAN_Sample 1 |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 15.23                 | 15.5                       | -            | 0.809      | 0.861     |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.28                 | 15.5                       | -            | 0.877      | 0.923     |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 2_ICT_Sample 2             |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.862      | 0.901     |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 2_AWAN_Sample 3            |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.858      | 0.896     |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 2_ICT_Sample 4             |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.796      | 0.832     |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 2_AWAN_Sample 1_Verify     |            |     |           |           |         |                       |                            |              |            |           |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 15.31                 | 15.5                       | -            | 0.872      | 0.911     |          |

Note:

- When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.
- n78 (3450-3550 MHz, 3700-3800 MHz) is covered by n77 (3450-3550 MHz, 3700-3980 MHz)

| SAR MEASUREMENT                                                 |            |     |           |           |         |                       |                            |              |            |              |          |
|-----------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1±2                                |            |     |           |           |         |                       | Relative Humidity (%):50 % |              |            |              |          |
| Liquid Temperature (°C): 22.1 ±2                                |            |     |           |           |         |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                   | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                                 |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 1_AWAN_Sample 1            |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                      | 0          | 1   | 1         | 656000    | 3840    | 16.91                 | 17                         | -            | 0.077      | 0.079        |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 16.87                 | 17                         | -            | 0.561      | 0.578        |          |
| Bottom                                                          | 0          | 1   | 1         | 650000    | 3750    | 16.87                 | 17                         | -            | 0.451      | 0.465        |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.91                 | 17                         | -            | 0.611      | <b>0.624</b> | 33       |
| Bottom                                                          | 0          | 135 | 67        | 656000    | 3840    | 16.77                 | 17                         | -            | 0.585      | 0.617        |          |
| Bottom                                                          | 0          | 270 | 0         | 656000    | 3840    | 16.68                 | 17                         | -            | 0.575      | 0.619        |          |
| Bottom                                                          | 0          | 1   | 1         | 662000    | 3930    | 16.85                 | 17                         | -            | 0.593      | 0.614        |          |
| Test Mode: NR n77_HPUE PC2_100M_QPSK_ANT MIMO 1_AWAN_Sample 1   |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 16.85                 | 17                         | -            | 0.555      | 0.575        |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.82                 | 17                         | -            | 0.594      | 0.619        |          |
| Test Mode: NR n77_HPUE PC1.5_100M_QPSK_ANT MIMO 1_AWAN_Sample 1 |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 633334    | 3500.01 | 16.84                 | 17                         | -            | 0.543      | 0.563        |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.84                 | 17                         | -            | 0.591      | 0.613        |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 1_ICT_Sample 2             |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.91                 | 17                         | -            | 0.531      | 0.542        |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 1_AWAN_Sample 3            |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.91                 | 17                         | -            | 0.602      | 0.615        |          |
| Test Mode: NR n77_100M_QPSK_ANT MIMO 1_ICT_Sample 4             |            |     |           |           |         |                       |                            |              |            |              |          |
| Bottom                                                          | 0          | 1   | 1         | 656000    | 3840    | 16.91                 | 17                         | -            | 0.501      | 0.511        |          |

Note:

1. When the reported SAR of the exposure configuration is  $\leq 0.8$  W/kg, no further SAR testing is required in other channels.

| SAR MEASUREMENT                                              |            |     |           |           |         |                       |                            |              |            |              |          |
|--------------------------------------------------------------|------------|-----|-----------|-----------|---------|-----------------------|----------------------------|--------------|------------|--------------|----------|
| Ambient Temperature (°C): 23.1 ±2                            |            |     |           |           |         |                       | Relative Humidity (%): 50% |              |            |              |          |
| Liquid Temperature (°C): 22.1 ±2                             |            |     |           |           |         |                       | Depth of Liquid (cm): >15  |              |            |              |          |
| Test Position                                                | Dist. (mm) | RB  | RB offset | Frequency |         | Conducted Power (dBm) |                            | Duty Cycle % | SAR (W/kg) |              | Plot No. |
|                                                              |            |     |           | Ch.       | MHz     | Meas.                 | Tune-Up Limit              |              | Meas-1g    | Scaled-1g    |          |
| Test Mode: NR n77_100M_QPSK_ANT Aux_AWAN_Sample 1            |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 633334    | 3500.01 | 14.46                 | 14.5                       | -            | 0.567      | 0.572        |          |
| Front edge                                                   | 0          | 1   | 1         | 650000    | 3750    | 14.38                 | 14.5                       | -            | 0.494      | 0.508        |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.48                 | 14.5                       | -            | 0.629      | <b>0.632</b> | 38       |
| Front edge                                                   | 0          | 135 | 67        | 656000    | 3840    | 14.34                 | 14.5                       | -            | 0.608      | 0.631        |          |
| Front edge                                                   | 0          | 270 | 0         | 656000    | 3840    | 14.27                 | 14.5                       | -            | 0.594      | 0.626        |          |
| Front edge                                                   | 0          | 1   | 1         | 662000    | 3930    | 14.41                 | 14.5                       | -            | 0.596      | 0.608        |          |
| Bottom                                                       | 0          | 1   | 1         | 656000    | 3840    | 14.48                 | 14.5                       | -            | 0.209      | 0.210        |          |
| Test Mode: NR n77_HPUE PC2_100M_QPSK_ANT Aux_AWAN_Sample 1   |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 633334    | 3500.01 | 14.39                 | 14.5                       | -            | 0.532      | 0.546        |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.44                 | 14.5                       | -            | 0.617      | 0.626        |          |
| Test Mode: NR n77_HPUE PC1.5_100M_QPSK_ANT Aux_AWAN_Sample 1 |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 633334    | 3500.01 | 14.44                 | 14.5                       | -            | 0.527      | 0.534        |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.41                 | 14.5                       | -            | 0.615      | 0.628        |          |
| Test Mode: NR n77_100M_QPSK_ANT Aux_ICT_Sample 2             |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.48                 | 14.5                       | -            | 0.516      | 0.518        |          |
| Test Mode: NR n77_100M_QPSK_ANT Aux_AWAN_Sample 3            |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.48                 | 14.5                       | -            | 0.587      | 0.590        |          |
| Test Mode: NR n77_100M_QPSK_ANT Aux_ICT_Sample 4             |            |     |           |           |         |                       |                            |              |            |              |          |
| Front edge                                                   | 0          | 1   | 1         | 656000    | 3840    | 14.48                 | 14.5                       | -            | 0.532      | 0.534        |          |

Note:

- When the reported SAR of the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required in other channels.

## 9.2 Simultaneous Transmission

| Simultaneous Transmission Configurations |                                                                  |
|------------------------------------------|------------------------------------------------------------------|
| 1                                        | WWAN ANT Main + WWAN ANT MIMO2 + WLAN ANT Main + WLAN ANT Aux/BT |
| 2                                        | WWAN ANT Aux + WWAN ANT MIMO1 + WLAN ANT Main + WLAN ANT Aux/BT  |

The WLAN/BT functionality of this host is provided by either the Intel BE211D2W WLAN/BT module (FCC ID: PD9BE211D2) or the MediaTek MT7925B14L WLAN/BT module (FCC ID: RAS-MT7925B14L), depending on the platform configuration. Only one WLAN/BT module is installed in the tested configuration.

### Worst Case SAR\_Body Exposure Conditions

| Band                 | Front edge at 0 mm | Bottom at 0 mm |
|----------------------|--------------------|----------------|
| WCDMA B2 ANT Main    | 0.418              | 0.839          |
| WCDMA B4 ANT Main    | 0.751              | 0.854          |
| WCDMA B5 ANT Main    | 0.804              | 0.573          |
| LTE Band 7 ANT Main  | 0.497              | 0.946          |
| LTE Band 12 ANT Main | 0.548              | 0.663          |
| LTE Band 13 ANT Main | 0.516              | 0.775          |
| LTE Band 14 ANT Main | 0.592              | 0.766          |
| LTE Band 25 ANT Main | 0.528              | 0.939          |
| LTE Band 26 ANT Main | 0.892              | 0.551          |
| LTE Band 30 ANT Main | 0.820              | 0.868          |
| LTE Band 41 ANT Main | 0.506              | 1.005          |
| LTE Band 42 ANT Main | 0.896              | 0.517          |
| LTE Band 43 ANT Main | <b>1.014</b>       | 0.422          |
| LTE Band 48 ANT Main | 1.000              | 0.374          |
| LTE Band 66 ANT Main | 0.581              | 0.865          |
| LTE Band 71 ANT Main | 0.531              | 0.784          |
| NR n7 ANT Main       | 0.577              | 0.960          |
| NR n12 ANT Main      | 0.373              | 0.704          |
| NR n13 ANT Main      | 0.547              | 0.992          |
| NR n14 ANT Main      | 0.656              | 0.781          |
| NR n25 ANT Main      | 0.488              | 0.845          |
| NR n26 ANT Main      | 0.753              | 0.672          |
| NR n30 ANT Main      | 0.839              | 0.854          |
| NR n41 ANT Main      | 0.288              | 0.551          |

|                        |       |              |
|------------------------|-------|--------------|
| NR n48 ANT Main        | 0.950 | 0.399        |
| NR n66 ANT Main        | 0.699 | 0.975        |
| NR n71 ANT Main        | 0.523 | 0.908        |
| NR n77 ANT Main        | 0.903 | 0.467        |
| LTE Band 7 ANT MIMO 2  | 0.621 | 0.955        |
| LTE Band 25 ANT MIMO 2 | 0.314 | 0.614        |
| LTE Band 41 ANT MIMO 2 | 0.752 | 0.956        |
| LTE Band 42 ANT MIMO 2 | 0.782 | 0.860        |
| LTE Band 43 ANT MIMO 2 | 0.985 | 0.827        |
| NR n7 ANT MIMO 2       | 0.442 | 1.087        |
| NR n25 ANT MIMO 2      | 0.693 | <b>1.105</b> |
| NR n30 ANT MIMO 2      | 0.643 | 1.081        |
| NR n41 ANT MIMO 2      | 0.668 | 0.784        |
| NR n48 ANT MIMO 2      | 0.827 | 0.994        |
| NR n66 ANT MIMO 2      | 0.667 | 0.923        |
| NR n77 ANT MIMO 2      | 0.715 | 0.931        |
| NR n41 ANT MIMO 1      | 0.227 | 0.753        |
| NR n77 ANT MIMO 1      | 0.079 | 0.624        |
| NR n41 ANT Aux         | 0.475 | 0.433        |
| NR n77 ANT Aux         | 0.632 | 0.210        |

### 9.2.1 Simultaneous transmission test exclusion considerations

| Test<br>Position   | Worst Case<br>WWAN Band |                           | 1              | 2              | 3                       | 4                         | 1 + 2 + 3 + 4    |
|--------------------|-------------------------|---------------------------|----------------|----------------|-------------------------|---------------------------|------------------|
|                    |                         |                           | WWAN<br>(W/kg) | WWAN<br>(W/kg) | WLAN ANT Main<br>(W/kg) | WLAN ANT Aux/BT<br>(W/kg) | $\Sigma$ 1-g SAR |
| Front edge at 0 mm | LTE Band 43<br>ANT Main | LTE Band 43<br>ANT MIMO 2 | 1.014          | 0.985          | -                       | -                         | <b>1.999</b>     |
| Bottom at 0 mm     | LTE Band 41<br>ANT Main | NR n25 ANT<br>MIMO 2      | 1.005          | 1.105          | 1.590                   | 1.590                     | <b>5.290</b>     |
| Front edge at 0 mm | NR n77 ANT<br>Aux       | NR n41 ANT<br>MIMO 1      | 0.632          | 0.227          | -                       | -                         | 0.859            |
| Bottom at 0 mm     | NR n41 ANT<br>Aux       | NR n41 ANT<br>MIMO 1      | 0.433          | 0.753          | 1.590                   | 1.590                     | <b>4.366</b>     |

When the sum of SAR is larger than the limit, The ratio is determined by  $(SAR1 + SAR2)^{1.5/R_i}$ , rounded to two decimal digits, and must be  $\leq 0.04$  for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion. The estimation result as below:

| Test Position                                                       | LTE Band 43 ANT Main SAR (W/kg) | LTE Band 43 ANT MIMO 2 SAR (W/kg) | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
|---------------------------------------------------------------------|---------------------------------|-----------------------------------|----------------------------------|--------------------|--------------------------------|
| Front edge                                                          | 1.014                           | 0.985                             | 1.999                            | 190                | 0.01                           |
| SPLSR $\leq 0.04$ ; simultaneous transmission testing not required. |                                 |                                   |                                  |                    |                                |

| Test Position                                                       | LTE Band 41 ANT Main SAR (W/kg) | NR n25 ANT MIMO 2 SAR (W/kg) | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
|---------------------------------------------------------------------|---------------------------------|------------------------------|----------------------------------|--------------------|--------------------------------|
| Bottom                                                              | 1.005                           | 1.005                        | 2.010                            | 190                | 0.01                           |
| Test Position                                                       | LTE Band 41 ANT Main SAR (W/kg) | WLAN ANT Main SAR (W/kg)     | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                              | 1.005                           | 1.590                        | 2.595                            | 270                | 0.02                           |
| Test Position                                                       | LTE Band 41 ANT Main SAR (W/kg) | WLAN ANT Aux/BT SAR (W/kg)   | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                              | 1.005                           | 1.590                        | 2.595                            | 265                | 0.02                           |
| Test Position                                                       | NR n25 ANT MIMO 2 SAR (W/kg)    | WLAN ANT Main SAR (W/kg)     | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                              | 1.105                           | 1.590                        | 2.695                            | 230                | 0.02                           |
| Test Position                                                       | NR n25 ANT MIMO 2 SAR (W/kg)    | WLAN ANT Aux/BT SAR (W/kg)   | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                              | 1.105                           | 1.590                        | 2.695                            | 265                | 0.02                           |
| SPLSR $\leq 0.04$ ; simultaneous transmission testing not required. |                                 |                              |                                  |                    |                                |

| Test Position                                                      | NR n41 ANT Aux SAR (W/kg)    | NR n41 ANT MIMO 1 SAR (W/kg) | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
|--------------------------------------------------------------------|------------------------------|------------------------------|----------------------------------|--------------------|--------------------------------|
| Bottom                                                             | 0.433                        | 0.753                        | 1.186                            | 315                | NA                             |
| Test Position                                                      | NR n41 ANT Aux SAR (W/kg)    | WLAN ANT Main SAR (W/kg)     | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                             | 0.433                        | 1.590                        | 2.023                            | 210                | 0.01                           |
| Test Position                                                      | NR n41 ANT Aux SAR (W/kg)    | WLAN ANT Aux/BT SAR (W/kg)   | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                             | 0.433                        | 1.590                        | 2.023                            | 235                | 0.01                           |
| Test Position                                                      | NR n41 ANT MIMO 1 SAR (W/kg) | WLAN ANT Main SAR (W/kg)     | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                             | 0.753                        | 1.590                        | 2.343                            | 210                | 0.02                           |
| Test Position                                                      | NR n41 ANT MIMO 1 SAR (W/kg) | WLAN ANT Aux/BT SAR (W/kg)   | Simultaneous Transmission (W/kg) | Antenna pair in mm | Peak location separation ratio |
| Bottom                                                             | 0.753                        | 1.590                        | 2.343                            | 245                | 0.01                           |
| SPLSR $\leq$ 0.04; simultaneous transmission testing not required. |                              |                              |                                  |                    |                                |

## 10. SAR measurement variability

- 1) Repeated measurement is not required when the original highest measured SAR is  $< 0.80$  W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is  $\geq 0.80$  W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $> 1.20$  or when the original or repeated measurement is  $\geq 1.45$  W/kg ( $\sim 10\%$  from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is  $\geq 1.5$  W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is  $> 1.20$ .

| Frequency |        | SAR 1g (W/kg) |                |       |
|-----------|--------|---------------|----------------|-------|
| Channel   | MHz    | Original      | First Repeated |       |
|           |        |               | Value          | Ratio |
| 156400    | 782    | 0.868         | 0.859          | 1.010 |
| 26865     | 831.5  | 0.860         | 0.831          | 1.035 |
| 349000    | 1745   | 0.904         | 0.902          | 1.002 |
| 376500    | 1882.5 | 1.060         | 1.040          | 1.019 |
| 27710     | 2310   | 1.100         | 1.030          | 1.068 |
| 507000    | 2535   | 1.010         | 0.985          | 1.025 |
| 42190     | 3460   | 0.874         | 0.844          | 1.036 |
| 45090     | 3750   | 0.996         | 0.990          | 1.006 |

## **Appendix**

**Appendix A. System Check Data**

**Appendix B. Highest measurement Data**

**Appendix C. Test Setup Photographs**

**Appendix D. Probe Calibration Data**

**Appendix E. Dipole Calibration Data**

**Appendix F. Product Photos-Please refer to the file: 25B0338R-Product Photos**

**Appendix G. Conducted Output Power Table**