

TEST REPORT

Reference No...... : WTX26X03067173W004
FCC ID..... : 2BVWK-TASW200I
Applicant..... : Protect Connect Limited dba TruAlert Systems
Address..... : Unit 1202, 12/F, 299QRC 287–299 Queen's Road Central Sheung Wan,
Hong Kong
Manufacturer..... : Protect Connect Limited dba TruAlert Systems
Address..... : Unit 1202, 12/F, 299QRC 287–299 Queen's Road Central Sheung Wan,
Hong Kong
Product Name..... : Emergency Alert Smartwatch
Model No...... : TA-SW-200i
FCC Part 2.1093
Standards..... : IEEE Std C95.1: 2019
IEEE C95.3: 2021
Date of Receipt sample..... : 2026-03-18
Date of Test..... : 2026-03-18 to 2026-03-31; 2026-04-02 to 2026-04-20
Date of Issue..... : 2026-04-20
Test Report Form No...... : WTX_IEEE_1528W
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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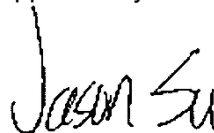
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Approved by:



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Report version

Version No.	Date of issue	Description
Rev.00	2026-04-20	Original
/	/	/

1. General Information

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT:	
Product Name:	Emergency Alert Smartwatch
Trade Name:	/
Model No.:	TA-SW-200i
Adding Model(s):	/
Rated Voltage:	DC3.8V
Battery Capacity:	700mAh
Adapter Model:	HX06B-0501000-CU Input: 100-240V~50/60Hz 0.2A Output: 5V 1A
Note: The test data is gathered from a production sample provided by the manufacturer.	

Technical Characteristics of EUT:	
2G	
Support Networks:	GSM, GPRS, EDGE
Support Band:	GSM850/PCS1900
Uplink Frequency:	GSM/GPRS/EDGE 850: 824~849MHz GSM/GPRS/EDGE 1900: 1850~1910MHz
Downlink Frequency:	GSM/GPRS/EDGE 850: 869~894MHz GSM/GPRS/EDGE 1900: 1930~1990MHz
Max RF Output Power:	GSM850: 33.44dBm, GSM1900: 29.91dBm EDGE850: 27.52dBm, EDGE1900: 26.35dBm
Type of Modulation:	GMSK, 8PSK
Type of Antenna:	Integral Antenna
Antenna Gain:	GSM850: -2.3dBi; GSM1900: -2.3dBi
GPRS/EDGE Class:	Class 12
3G	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Band:	WCDMA Band 2, WCDMA Band 4, WCDMA Band 5,
Uplink Frequency:	WCDMA Band 2: 1850~1910MHz WCDMA Band 4: 1710-1755MHz WCDMA Band 5: 824~849MHz
Downlink Frequency:	WCDMA Band 2: 1930~1990MHz WCDMA Band 4: 2110-2155MHz WCDMA Band 5: 869~894MHz
RF Output Power:	WCDMA Band 2: 23.13dBm, WCDMA Band 4: 22.72dBm, WCDMA Band 5: 23.42dBm
Type of Modulation:	BPSK, QPSK, 16QAM
Antenna Type:	Integral Antenna
Antenna Gain:	WCDMA Band 2: -2.3dBi, WCDMA Band 4: -2.3dBi, WCDMA Band 5: -2.3dBi
4G	
Support Networks:	FDD-LTE
Support Band:	FDD-LTE Band 2, 4, 5, 7, 12, 13, 17
Uplink Frequency:	FDD-LTE Band 2: Tx: 1850-1910MHz, FDD-LTE Band 4: Tx: 1710-1755MHz, FDD-LTE Band 5: Tx: 824-849MHz, FDD-LTE Band 7: Tx: 2500-2570MHz, FDD-LTE Band 12: Tx: 699-716MHz, FDD-LTE Band 13: Tx: 777-787MHz, FDD-LTE Band 17: Tx: 704-716MHz,
Downlink Frequency:	FDD-LTE Band 2: Rx: 1930-1990MHz,

	FDD-LTE Band 4: Rx: 2110-2155MHz, FDD-LTE Band 5: Rx: 869-894MHz, FDD-LTE Band 7: Rx: 2620-2690MHz, FDD-LTE Band 12: Rx: 729-746MHz, FDD-LTE Band 13: Rx: 746-756MHz, FDD-LTE Band 17: Rx: 734-746MHz,
RF Output Power:	FDD-LTE Band 2: 23.04dBm, FDD-LTE Band 4: 24.85dBm, FDD-LTE Band 5: 23.66dBm, FDD-LTE Band 7: 23.10dBm, FDD-LTE Band 12: 23.81dBm, FDD-LTE Band 13: 24.07dBm, FDD-LTE Band 17: 23.85dBm
Type of Modulation:	QPSK, 16QAM
Antenna Type:	Integral Antenna
Antenna Gain:	FDD-LTE Band 2: -2.3dBi, FDD-LTE Band 4: -2.3dBi, FDD-LTE Band 5: -2.3dBi, FDD-LTE Band 7: -2.3dBi, FDD-LTE Band 12: -2.3dBi, FDD-LTE Band 13: -2.3dBi, FDD-LTE Band 17: -2.3dBi,
<i>Note: The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

1.2 Test Standards

The following report is accordance with FCC 47 CFR Part 2.1093, IEEE Std C95.1: 2019, IEEE C95.3: 2021, KDB 447498 D01 v06, KDB 648474 D04 v01r03, KDB 248227 D01 v02r02, KDB 941225 D01 v03r01, KDB 941225 D05 v02r05 , and KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

The objective is to determine compliance with FCC Part 2.1093 of the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02. The public notice KDB 447498 D01 v06 for Mobile and Portable Devices RF Exposure Procedure also.

1.4 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010. Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464 A and the CAB identifier is CN0057.

2. Summary of Test Results

The maximum results of Specific Absorption Rate (SAR) have found during testing are as follows:

Near to Mouth(10mm Gap)

Frequency Band	Maximum SAR _{1g} (W/kg)	SAR _{1g} Limit (W/kg)
GSM	0.215	1.6
WCDMA	0.861	1.6
LTE	1.152	1.6

Wrist-worn(0mm Gap)

Frequency Band	Maximum SAR _{10g} (W/kg)	SAR _{10g} Limit (W/kg)
GSM	0.752	4.0
WCDMA	1.228	4.0
LTE	1.582	4.0

The device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg for Head and Body, 4.0W/kg for Limb) specified in FCC 47 CFR Part 2.1093 and IEEE Std C95.1: 2019, and had been tested in accordance with the measurement methods and procedure specified in KDB 865664 D01 v01r04 and KDB 865664 D02 v01r02.

3. Specific Absorption Rate (SAR)

3.1 Introduction

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

3.2 SAR Definition

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$SAR = \frac{d}{dt} \left(\frac{dW}{dm} \right) = \frac{d}{dt} \left(\frac{dW}{\rho dv} \right)$$

SAR is expressed in units of Watts per kilogram (W/kg)

SAR measurement can be either related to the temperature elevation in tissue by

$$SAR = C \left(\frac{\delta T}{\delta t} \right)$$

Where: C is the specific heat capacity, δT is the temperature rise and δt is the exposure duration, or related to the electrical field in the tissue by

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

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

However for evaluating SAR of low power transmitter, electrical field measurement is typically applied.

4. SAR Measurement System

4.1 The Measurement System

Comosar is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The Comosar system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.

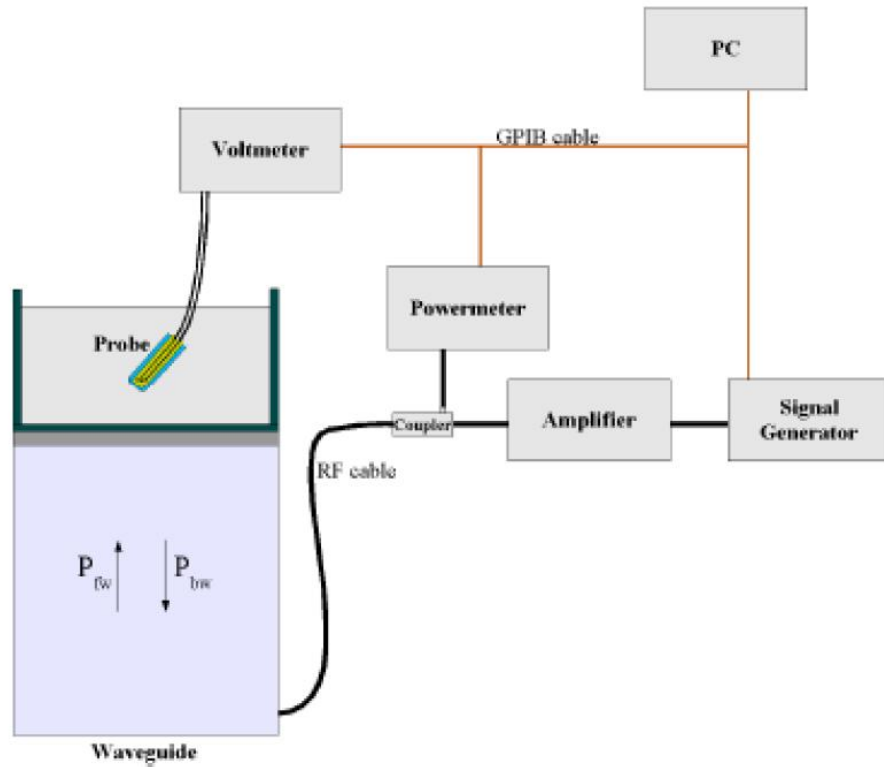


The EUT under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The OpenSAR software computes the results to give a SAR value in a 1g or 10g mass.

4.2 Probe

For the measurements the Specific Dosimetric E-Field Probe SSE2 3823-EPGO-435, and refer to the calibration report for probe parameters.

Probe calibration is realized, in compliance with IEC/IEEE 62209-1528:2020 STD, with CALISAR, Antenna proprietary calibration system. The calibration is performed with the IEC/IEEE 62209-1528:2020 annexes technique using reference guide at the five frequencies.



$$SAR = \frac{4(P_{fw} - P_{bw})}{ab\delta} \cos^2\left(\pi \frac{y}{a}\right) e^{-(2z/\delta)}$$

Where :

P_{fw} = Forward Power

P_{bw} = Backward Power

a and b =Waveguide dimensions

δ = Skin depth

Keithley configuration:

Rate = Medium; Filter = ON; RDGS = 10; Filter type = Moving Average; Range auto after each calibration, a SAR measurement is performed on a validation dipole and compared with a NPL calibrated probe, to verify it. The calibration factors, CF(N), for the 3 sensors corresponding to dipole 1, dipole 2 and dipole 3 are:

$$CF(N)=SAR(N)/V_{lin}(N) \quad (N=1,2,3)$$

The linearised output voltage $V_{lin}(N)$ is obtained from the displayed output voltage $V(N)$ using

$$V_{lin}(N)=V(N)*(1+V(N)/DCP(N)) \quad (N=1,2,3)$$

where DCP is the diode compression point in mV.

4.3 Probe Calibration Process

Dosimetric Assessment Procedure

Each E-Probe/Probe Amplifier combination has unique calibration parameters. SATIMO Probe calibration procedure is conducted to determine the proper amplifier settings to enter in the probe parameters. The amplifier settings are determined for a given frequency by subjecting the probe to a known E-field density (1 mW/cm²) using an with CALISAR, Antenna proprietary calibration system.

Free Space Assessment Procedure

The free space E-field from amplified probe outputs is determined in a test chamber. This calibration can be performed in a TEM cell if the frequency is below 1 GHz and in a waveguide or other methodologies above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is rotated 360 degrees until the three channels show the maximum reading. The power density readings equates to 1mW/cm².

Temperature Assessment Procedure

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated head tissue. The E-field in the medium correlates with the temperature rise in the dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$SAR = C \frac{\Delta T}{\Delta t}$$

Where:
 Δt = exposure time (30 seconds),
 C = heat capacity of tissue (brain or muscle),
 ΔT = temperature increase due to RF exposure.

SAR is proportional to $\Delta T/\Delta t$, the initial rate of tissue heating, before thermal diffusion takes place. The electric field in the simulated tissue can be used to estimate SAR by equating the thermally derived SAR to that with the E- field component.

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

Where:

σ = simulated tissue conductivity,

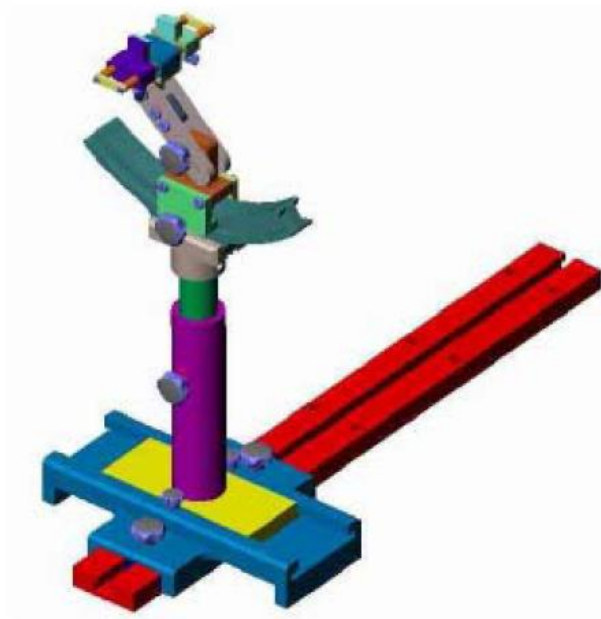
ρ = Tissue density (1.25 g/cm³ for brain tissue)

4.4 Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

4.5 Device Holder

The positioning system allows obtaining cheek and tilting position with a very good accuracy. In compliance with CENELEC, the tilt angle uncertainty is lower than 1°.



System Material	Permittivity	Loss Tangent
Delrin	3.7	0.005

4.6 Test Equipment List

Fixed asset Number	Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
WTXE1105A1002-002	E-Field Probe	MVG	SSE2	3823-EPGO-435	2026-01-09	2027-01-08
WTXE1053A1001-001	750MHz Dipole	MVG	SID750	SN 47/21 DIP 0G750-620	2025-10-22	2028-10-21
WTXE1053A1001-002	835MHz Dipole	MVG	SID835	SN 47/12 DIP 0G835-204	2025-10-22	2028-10-21
WTXE1053A1001-004	1800MHz Dipole	MVG	SID1800	SN 47/12 DIP 1G800-206	2025-10-22	2028-10-21
WTXE1053A1001-005	1900MHz Dipole	MVG	SID1900	SN 47/12 DIP 1G900-207	2025-12-31	2028-12-30
WTXE1053A1001-010	2600MHz Dipole	MVG	SID2600	SN 13/15 DIP 2G2600-365	2025-12-31	2028-12-30
WTXE1053A1001-011	Dielectric Probe	SATIMO	SCLMP	SN 47/12 OCPG49	2026-02-05	2027-02-04
WTXE1075A1003	Power meter	Keithley	3500	1232959	2026-02-05	2027-02-04
WTXE1075A1002	Power meter	Keithley	3500	1162591	2026-02-05	2027-02-04
WTXE1104A1003	EXG Analog Signal Generator	KEYSIGHT	N5173B	MY61252892	2026-02-06	2027-02-05
WTXE1022A1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2026-02-06	2027-02-05
WTXE1105A1001	Communications Tester	Rohde & Schwarz	CMW500	170903	2026-02-05	2027-02-04
WTXW1105A1137	Vector Network Analvzers	Rohde & Schwarz	ZVB 8	101525	2026-02-06	2027-02-05
WTXE1076A1001	Power Divider	HP	11636B	JC-2017-10-002	2026-02-05	2027-02-04
WTXW1105A1135	RF Attenuator	Pasternack	N-JK	/	2026-02-05	2027-02-04
WTXW1105A1136	RF Attenuator	Pasternack	N-JK	/	2026-02-05	2027-02-04
WTXE1103A1003	Attenuator	Pasternack	PE4007-4	/	2026-02-05	2027-02-04
WTXE1091A1001	UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY57450525	2026-02-06	2027-02-05

5. Tissue Simulating Liquids

5.1 Composition of Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with SMTIMO, the phantom must be filled with around 25 liters of homogeneous body tissue simulating liquid. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. Please see the following photos for the liquid height.



Liquid Height for Body SAR

The Composition of Tissue Simulating Liquid

Frequency (MHz)	Water (%)	Salt (%)	Sugar (%)	HEC (%)	Preventol (%)	DGBE (%)
Head						
750	41.1	1.4	57.0	0.2	0.3	0
835	40.3	1.38	57.9	0.24	0.18	0
900	40.3	1.38	57.9	0.24	0.18	0
1800-2000	55.24	0.31	0	0	0	44.45
2300	55.40	0.08	0	0	0	44.52
2450	55.00	0	0	0	0	45.00
2600	55.242	0.306	0	0	0	44.452
3500	71.6	1.3	10.9	0.7	0.7	14.8
3700	71.7	1.3	10.8	0.6	0.8	14.8

Frequency (MHz)	Water (%)	Hexyl Carbitol (%)	Triton X-100 (%)
Head			
5000-6000	65.52	17.24	17.24

5.2 Tissue Dielectric Parameters for Head and Body Phantoms

According to FCC KDBs, IEC/IEEE 62209-1528:2020 standards state that the system validation measurements must be performed using a reference dipole meeting the fore mentioned return loss and mechanical dimension requirements. The validation measurement must be performed against a liquid filled flat phantom, with the phantom constructed as outlined in the fore mentioned standards. Per the standards, the dipole shall be positioned below the bottom of the phantom, with the dipole length centered and parallel to the longest dimension of the flat phantom, with the top surface of the dipole at the described distance from the bottom surface of the phantom.

Target Frequency (MHz)	Head		Body	
	Conductivity (σ)	Permittivity (ϵ_r)	Conductivity (σ)	Permittivity (ϵ_r)
150	0.76	52.3	0.80	61.9
300	0.87	45.3	0.92	58.2
450	0.87	43.5	0.94	56.7
750	0.89	41.9	0.96	55.5
835	0.90	41.5	0.97	55.2
900	0.97	41.5	1.05	55.0
915	0.98	41.5	1.06	55.0
1450	1.20	40.5	1.30	54.0
1610	1.29	40.3	1.40	53.8
1800-2000	1.40	40.0	1.52	53.3
2100	1.49	39.8	1.62	53.2
2300	1.67	39.5	1.81	52.9
2450	1.80	39.2	1.95	52.7
2600	1.96	39.0	2.16	52.5
3000	2.40	38.5	2.73	52.0
5200	4.66	36.0	5.30	49.0
5400	4.86	35.8	5.53	48.7
5600	5.07	35.5	5.77	48.5
5800	5.27	35.3	6.00	48.2

5.3 Tissue Calibration Result

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

Calibration Result for Dielectric Parameters of Tissue Simulating Liquid

Head Tissue Simulating Liquid									
Freq. MHz	Temp. (°C)	Conductivity			Permittivity			Limit (%)	Date
		Reading (σ)	Target (σ)	Delta (%)	Reading (ϵ_r)	Target (ϵ_r)	Delta (%)		
750	23.2	0.87	0.89	-2.25	41.38	41.9	-1.24	±5	2026-04-07
835	23.2	0.88	0.90	-2.22	41.17	41.5	-0.80	±5	2026-03-30
1800	23.0	1.37	1.40	-2.14	39.21	40.0	-1.98	±5	2026-04-02
1900	23.0	1.39	1.40	-0.71	41.49	40.0	3.73	±5	2026-04-03
2600	23.2	1.92	1.96	-2.04	38.15	39.0	-2.18	±5	2026-04-08
704	23.2	0.88	0.89	-1.12	41.40	41.9	-1.19	±5	2026-04-07
707.5	23.2	0.88	0.89	-1.12	41.40	41.9	-1.19	±5	2026-04-07
709	23.2	0.88	0.89	-1.12	41.40	41.9	-1.19	±5	2026-04-07
710	23.2	0.88	0.89	-1.12	41.40	41.9	-1.19	±5	2026-04-07
711	23.2	0.88	0.89	-1.12	41.40	41.9	-1.19	±5	2026-04-07
782	23.2	0.86	0.89	-3.37	41.35	41.9	-1.31	±5	2026-04-07
824.2	23.2	0.88	0.90	-2.22	41.16	41.5	-0.82	±5	2026-03-30
826.4	23.2	0.88	0.90	-2.22	41.16	41.5	-0.82	±5	2026-03-30
829	23.2	0.88	0.90	-2.22	41.16	41.5	-0.82	±5	2026-03-30
836.2	23.2	0.88	0.90	-2.22	41.17	41.5	-0.80	±5	2026-03-30
836.5	23.2	0.88	0.90	-2.22	41.17	41.5	-0.80	±5	2026-03-30
836.6	23.2	0.88	0.90	-2.22	41.17	41.5	-0.80	±5	2026-03-30
844	23.2	0.88	0.90	-2.22	41.18	41.5	-0.77	±5	2026-03-30
846.6	23.2	0.88	0.90	-2.22	41.18	41.5	-0.77	±5	2026-03-30
848.8	23.2	0.88	0.90	-2.22	41.18	41.5	-0.77	±5	2026-03-30
1712.4	23.0	1.36	1.40	-2.86	39.17	40.0	-2.08	±5	2026-04-02
1720	23.0	1.36	1.40	-2.86	39.18	40.0	-2.05	±5	2026-04-02
1732.4	23.0	1.36	1.40	-2.86	39.19	40.0	-2.03	±5	2026-04-02
1732.5	23.0	1.36	1.40	-2.86	39.19	40.0	-2.03	±5	2026-04-02
1745	23.0	1.37	1.40	-2.14	39.20	40.0	-2.00	±5	2026-04-02
1752.6	23.0	1.37	1.40	-2.14	39.20	40.0	-2.00	±5	2026-04-02
1850.2	23.0	1.37	1.40	-2.14	39.22	40.0	-1.95	±5	2026-04-02
1852.4	23.0	1.37	1.40	-2.14	39.22	40.0	-1.95	±5	2026-04-02
1860	23.0	1.38	1.40	-1.43	39.24	40.0	-1.90	±5	2026-04-02
1880	23.0	1.38	1.40	-1.43	39.26	40.0	-1.85	±5	2026-04-02
1907.6	23.0	1.39	1.40	-0.71	41.49	40.0	3.73	±5	2026-04-03

Reference No.: WTX26X03067173W004

1909.8	23.0	1.39	1.40	-0.71	41.49	40.0	3.73	±5	2026-04-03
2510	23.2	1.93	1.96	-1.53	38.20	39.0	-2.05	±5	2026-04-08
2535	23.2	1.93	1.96	-1.53	38.18	39.0	-2.10	±5	2026-04-08
2560	23.2	1.93	1.96	-1.53	38.16	39.0	-2.15	±5	2026-04-08

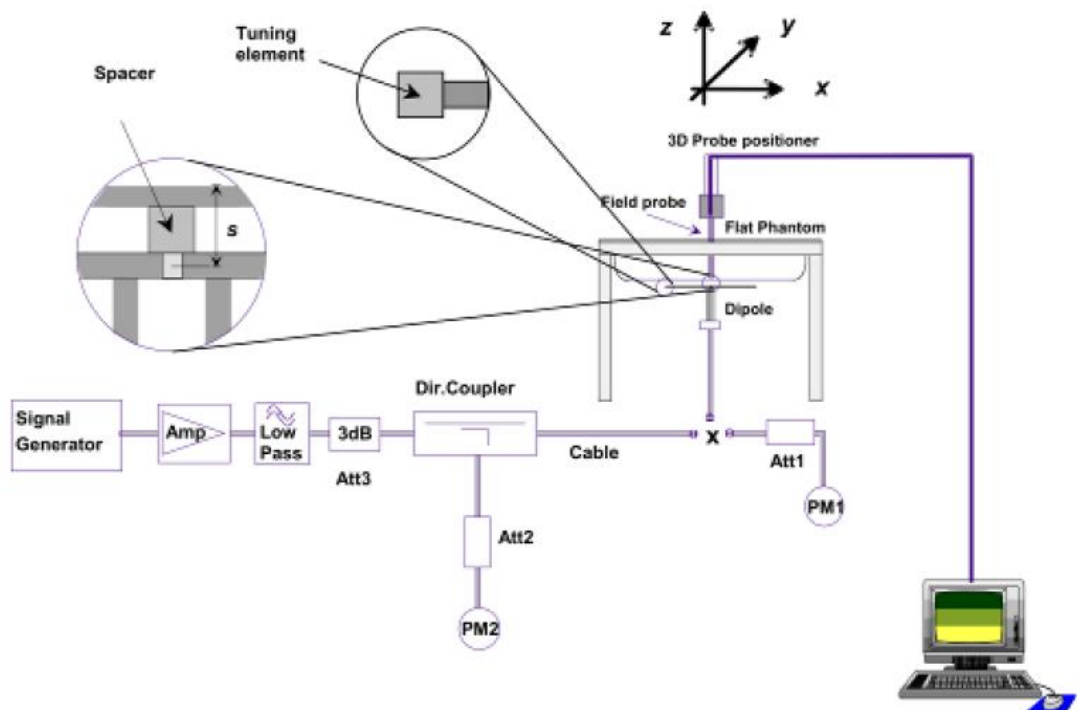
6. SAR Measurement Evaluation

6.1 Purpose of System Performance Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source. This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

6.2 System Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave which comes from a signal generator at frequency 835MHz, 1800MHz, 1900MHz, 2450MHz, 2600MHz, and 5GHz. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom.



System Verification Setup Block Diagram



Setup Photo of Dipole Antenna

The output power on 750MHz/835MHz/900MHz dipole port must be calibrated to 24dBm (250mW) before dipole is connected.

The output power on 1800MHz/1900MHz/2300MHz/2450MHz/2600MHz/5GHz dipole port must be calibrated to 20dBm (100mW) before dipole is connected.

6.3 Validation Results

Comparing to the original SAR value provided by SATIMO, the validation data should be within its specification of 10 %. Table 6.1 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.

Frequency	Power	Targeted SAR _{1g}	Measured SAR _{1g}	Normalized SAR _{1g}	Tolerance	Date
MHz	(mw)	(W/kg)	(W/kg)	(W/kg)	(%)	
Head						
750	250	8.54	2.051	8.204	-3.93	2026-04-07
835	250	9.49	2.210	8.840	-6.85	2026-03-30
1800	100	38.50	3.565	35.650	-7.40	2026-04-02
1900	100	39.60	3.650	36.500	-7.83	2026-04-03
2600	100	54.70	5.974	59.740	9.21	2026-04-08

Remark: Referring to IEC/IEEE 62209-1528:2020, the system check shall be performed at a test frequency that is within ±10% or ±100 MHz of the compliance test mid-band frequency, so the 1750 MHz system verification is made of 1800MHz Dipole.

Targeted and Measurement SAR

Please refer to Annex A for the plots of system performance check.

7. EUT Testing Position

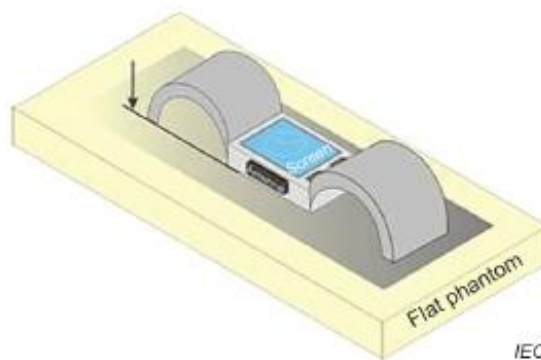
7.1 Wrist-worn device

(a) Transmitters that are built-in within a wrist watch or similar wrist-worn devices typically operate in speaker mode for voice communication, with the device worn on the wrist and positioned next to the mouth. Next to the mouth exposure requires 1-g SAR, and the wrist-worn condition requires 10-g extremity SAR.

(b) The 10-g extremity and 1-g SAR test exclusions may be applied to the wrist and face exposure conditions. When SAR evaluation is required, next to the mouth use is evaluated with the front of the device positioned at 10 mm from a flat phantom filled with head tissue-equivalent medium.

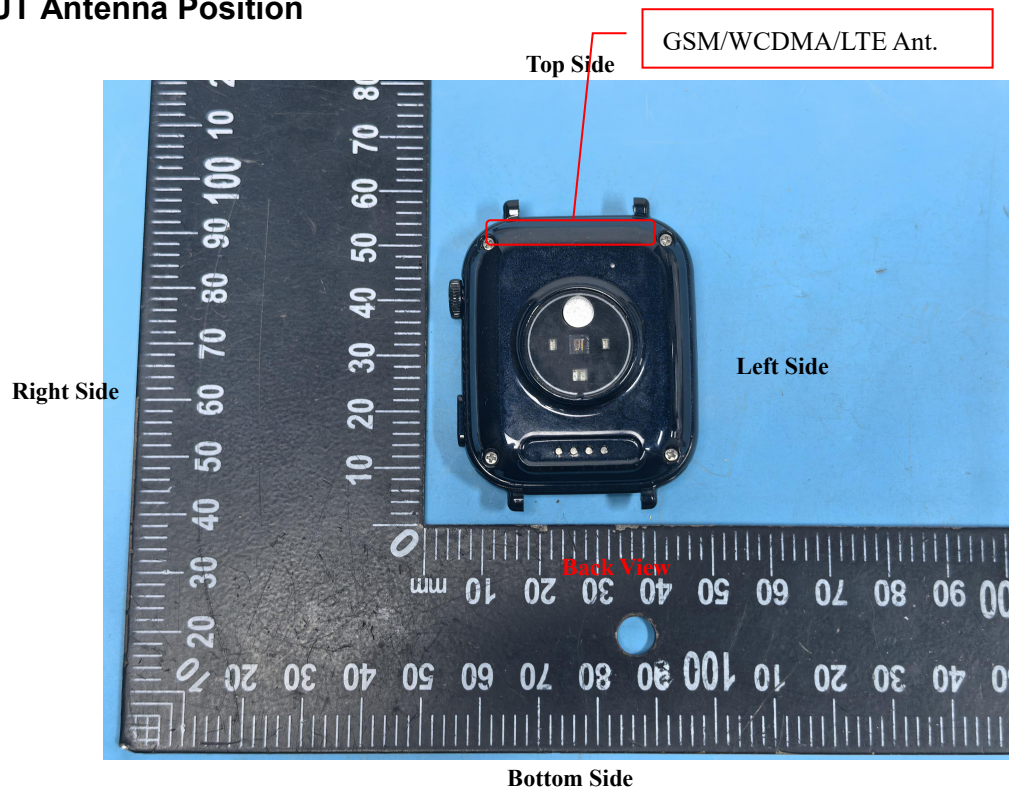
(c) For wrist-worn condition, 10g SAR value should be measured for the inner wrist band at a separation of 0mm. The design of the hard wrist band prevents opening it to a flat shape to be placed under the flat phantom.

(d) Next to the mouth use is evaluated with the front of the device positioned at 10 mm from a flat phantom filled with head tissue-equivalent medium. SAR for wrist exposure is evaluated with the back of the devices positioned in direct contact against a flat phantom fill with body tissue-equivalent medium.



Test position for limb-worn devices

7.2 EUT Antenna Position



Block Diagram for EUT Antenna Position

Body SAR tests, Wrist-worn SAR Test distance: 0mm						
Antennas	Front Side	Back Side	Right Side	Left Side	Top Side	Bottom Side
WWAN	No	Yes	No	No	No	No
WLAN	No	Yes	No	No	No	No
Body SAR tests, Near to Mouth SAR, Test distance: 10mm						
Antennas	Front	Back	Right Side	Left Side	Top Side	Bottom Side
WWAN	Yes	No	No	No	No	No
WLAN	Yes	No	No	No	No	No

Please refer to Annex D for the EUT test setup photos.

8. SAR Measurement Procedures

8.1 Measurement Procedures

The measurement procedures are as follows:

- (a) Use base station simulator (if applicable) or engineering software to transmit RF power continuously (continuous Tx) in the highest power channel.
- (b) Keep EUT to radiate maximum output power or 100% factor (if applicable)
- (c) Measure output power through RF cable and power meter.
- (d) Place the EUT in the positions as Annex D demonstrates.
- (e) Set scan area, grid size and other setting on the SATIMO software.
- (f) Measure SAR results for the highest power channel on each testing position.
- (g) Find out the largest SAR result on these testing positions of each band
- (h) Measure SAR results for other channels in worst SAR testing position if the SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

- (a) Power reference measurement
- (b) Area scan
- (c) Zoom scan
- (d) Power drift measurement

8.2 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The SATIMO software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine. The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

- (a) Extraction of the measured data (grid and values) from the Zoom Scan
- (b) Calculation of the SAR value at every measurement point based on all stored data
- (c) Generation of a high-resolution mesh within the measured volume
- (d) Interpolation of all measured values from the measurement grid to the high-resolution grid
- (e) Extrapolation of the entire 3D field distribution to the phantom surface over the distance from sensor to surface
- (f) Calculation of the averaged SAR within masses of 1g and 10g

8.3 Area & Zoom Scan Procedures

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan measures 5x5x7 points with step size 8, 8 and 5 mm for 300 MHz to 3 GHz, and 8x8x8 points with step size 4, 4 and 2.5 mm for 3 GHz to 6 GHz. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g.

8.4 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing (step-size is 4, 4 and 2.5 mm). When all volume scan were completed, the software can combine and subsequently superpose these measurement data to calculating the multiband SAR.

8.5 SAR Averaged Methods

The local SAR inside the phantom is measured using small dipole sensing elements inside a probe body. The probe tip must not be in contact with the phantom surface in order to minimize measurements errors, but the highest local SAR will occur at the surface of the phantom.

An extrapolation is using to determinate this highest local SAR values. The extrapolation is based on a fourth-order least-square polynomial fit of measured data. The local SAR value is then extrapolated from the liquid surface with a 1mm step.

The measurements have to be performed over a limited time (due to the duration of the battery) so the step of measurement is high. It could vary between 5 and 8 mm. To obtain an accurate assessment of the maximum SAR averaged over 10g and 1 g requires a very fine resolution in the three dimensional scanned data array.

8.6 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In SATIMO measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drift more than 5%, the SAR will be retested.

9. SAR Test Result

9.1 Conducted RF Output Power

GSM - Burst Average Power (dBm)								
Band	GSM850			Tune-up power (dBm)	PCS1900			Tune-up power (dBm)
Channel	128	190	251		512	661	810	
Frequency (MHz)	824.2	836.6	848.8		1850.2	1880	1909.8	
GSM	33.18	33.19	33.44	33.5	29.80	29.86	29.91	30.0
GPRS (1 slot)	33.13	33.16	33.41	33.5	29.66	29.75	29.35	30.0
GPRS (2 slots)	32.47	32.46	32.74	33.0	28.90	29.02	28.61	29.5
GPRS (3 slots)	30.76	30.69	31.04	31.5	27.14	27.29	26.87	27.5
GPRS (4 slots)	29.68	29.58	29.90	30.0	26.09	26.22	25.82	26.5
EDGE (1 slot)	27.52	27.22	27.52	28.0	26.35	26.35	25.77	26.5
EDGE (2 slots)	26.42	26.16	26.45	27.0	25.43	25.50	24.89	26.0
EDGE (3 slots)	24.33	24.05	24.35	25.0	23.70	23.75	23.13	24.0
EDGE (4 slots)	23.20	22.92	23.25	23.5	22.73	22.74	22.17	23.0

GSM - Source-Based Time-Average Power (dBm)								
Band	GSM850			Tune-up power (dBm)	PCS1900			Tune-up power (dBm)
Channel	128	190	251		512	661	810	
Frequency (MHz)	824.2	836.6	848.8		1850.2	1880	1909.8	
GSM	24.18	24.19	24.44	24.5	20.80	20.86	20.91	21.0
GPRS (1 slot)	24.13	24.16	24.41	24.5	20.66	20.75	20.35	21.0
GPRS (2 slots)	26.47	26.46	26.74	27.0	22.90	23.02	22.61	23.5
GPRS (3 slots)	26.51	26.44	26.79	27.0	22.89	23.04	22.62	23.5
GPRS (4 slots)	26.68	26.58	26.90	27.0	23.09	23.22	22.82	23.5
EDGE (1 slot)	18.52	18.22	18.52	19.0	17.35	17.35	16.77	17.5
EDGE (2 slots)	20.42	20.16	20.45	21.0	19.43	19.50	18.89	20.0
EDGE (3 slots)	20.08	19.80	20.10	21.0	19.45	19.50	18.88	20.0
EDGE (4 slots)	20.20	19.92	20.25	21.0	19.73	19.74	19.17	20.0

Note: The source-based time-averaged power is linearly scaled the maximum burst averaged power based on time slots. The calculated method are shown as below:

Source based time-average power = Burst averaged power - Duty cycle factor in dB

Duty cycle factor = 9 dB for 1 Tx slot, 6 dB for 2 Tx slots, 4.25 dB for 3 Tx slots, 3 dB for 4 Tx slots

Remark:

1. For Near to Mouth SAR testing, GSM should be evaluated; therefore the EUT was set in GSM for GSM850 and GSM1900 due to its highest source-based time-average power.
2. For Wrist-worn SAR testing, GPRS should be evaluated; therefore the EUT was set in GPRS (4TX slots)

for GSM850 and GPRS (4TX slots) for GSM1900 due to its highest source-based time-average power.

3. Per KDB 447498 D01 v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.

WCDMA - Average Power (dBm)								
Band	WCDMA Band II				WCDMA Band V			
Channel	9262	9400	9538	Tune-up power (dBm)	4132	4182	4233	Tune-up power (dBm)
Frequency (MHz)	1852.4	1880.0	1907.6		826.4	836.2	846.6	
RMC 12.2k	23.13	23.10	23.06	23.5	23.12	23.35	23.42	24.0
HSDPA Subtest-1	22.19	22.09	22.09	23.0	22.53	22.44	22.51	23.0
HSDPA Subtest-2	21.61	21.50	21.55	23.0	22.05	21.94	22.02	23.0
HSDPA Subtest-3	21.64	21.50	21.56	23.0	22.09	21.98	22.07	23.0
HSDPA Subtest-4	21.65	21.50	21.53	23.0	22.07	21.95	21.99	23.0
HSUPA Subtest-1	19.72	19.62	19.60	23.0	20.54	20.42	20.49	23.0
HSUPA Subtest-2	19.70	19.62	19.63	23.0	20.54	20.42	20.48	23.0
HSUPA Subtest-3	20.73	20.64	20.62	23.0	21.55	21.43	21.49	23.0
HSUPA Subtest-4	19.24	19.15	19.15	23.0	20.05	19.93	20.01	23.0
HSUPA Subtest-5	20.68	20.58	20.60	23.0	21.51	21.41	21.45	23.0

WCDMA - Average Power (dBm)								
Band	WCDMA Band IV							
Channel	1312	1413	1513	Tune-up power (dBm)				
Frequency (MHz)	1712.4	1732.4	1752.6					
RMC 12.2k	22.70	22.58	22.72	23.0				
HSDPA Subtest-1	21.79	21.63	21.74	22.0				
HSDPA Subtest-2	21.21	21.10	21.22	22.0				
HSDPA Subtest-3	21.23	21.15	21.27	22.0				
HSDPA Subtest-4	21.22	21.12	21.24	22.0				
HSUPA Subtest-1	19.71	19.57	19.70	22.0				
HSUPA Subtest-2	19.70	19.61	19.70	22.0				
HSUPA Subtest-3	20.72	20.63	20.76	22.0				
HSUPA Subtest-4	19.23	19.09	19.24	22.0				
HSUPA Subtest-5	20.67	20.58	20.70	22.0				

Remark:

1. per KDB 941225 D01 v03, the 12.2kbps RMC mode was selected for SAR testing(the primary mode).
2. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	22.78	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	22.98	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.83	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.83	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.90	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.86	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.92	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	21.52	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	21.81	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	21.52	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.60	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.71	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.57	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	20.82	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.76	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.75	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.77	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.80	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.77	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.76	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	21.52	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	21.91	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	21.49	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.60	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.63	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.62	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.60	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.73	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.85	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.75	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.75	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.77	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.75	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.82	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.41	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	21.71	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.43	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.49	PASS
Band2	1.4MHz	16QAM	19193	3RB#1	21.64	PASS

Band2	1.4MHz	16QAM	19193	3RB#3	21.48	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.70	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.41	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.40	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.37	PASS
Band2	3MHz	QPSK	18615	8RB#0	21.40	PASS
Band2	3MHz	QPSK	18615	8RB#4	21.40	PASS
Band2	3MHz	QPSK	18615	8RB#7	21.41	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.62	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.32	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.23	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.32	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.41	PASS
Band2	3MHz	16QAM	18615	8RB#4	20.37	PASS
Band2	3MHz	16QAM	18615	8RB#7	20.48	PASS
Band2	3MHz	16QAM	18615	15RB#0	20.42	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.83	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.80	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.64	PASS
Band2	3MHz	QPSK	18900	8RB#0	21.79	PASS
Band2	3MHz	QPSK	18900	8RB#4	21.76	PASS
Band2	3MHz	QPSK	18900	8RB#7	21.75	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.73	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.37	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.45	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.37	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.76	PASS
Band2	3MHz	16QAM	18900	8RB#4	20.70	PASS
Band2	3MHz	16QAM	18900	8RB#7	20.66	PASS
Band2	3MHz	16QAM	18900	15RB#0	20.59	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.75	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.36	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.27	PASS
Band2	3MHz	QPSK	19185	8RB#0	21.31	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.24	PASS
Band2	3MHz	QPSK	19185	8RB#7	21.30	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.30	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.22	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.16	PASS
Band2	3MHz	16QAM	19185	1RB#14	20.98	PASS
Band2	3MHz	16QAM	19185	8RB#0	20.29	PASS
Band2	3MHz	16QAM	19185	8RB#4	20.20	PASS

Band2	3MHz	16QAM	19185	8RB#7	20.36	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.14	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.93	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.29	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.94	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.86	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.95	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.89	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.80	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.77	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.18	PASS
Band2	5MHz	16QAM	18625	1RB#24	21.75	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.77	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.85	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.76	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.81	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.70	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.10	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.67	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.78	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.79	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.77	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.76	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.76	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.68	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.75	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.77	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.75	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.70	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.71	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.16	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.81	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.71	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.81	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.68	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.73	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.56	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.87	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.60	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.80	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.77	PASS

Band2	5MHz	16QAM	19175	12RB#13	20.67	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.81	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.02	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.12	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.95	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.98	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.94	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.93	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.91	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.93	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.98	PASS
Band2	10MHz	16QAM	18650	1RB#49	21.90	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.85	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.87	PASS
Band2	10MHz	16QAM	18650	25RB#25	20.88	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.89	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.91	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.03	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.84	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.88	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.83	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.88	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.83	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.68	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.02	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.60	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.84	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.86	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.84	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.87	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.82	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.91	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.86	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.87	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.83	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.77	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.86	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.78	PASS
Band2	10MHz	16QAM	19150	1RB#24	21.81	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.78	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.83	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.79	PASS

Band2	10MHz	16QAM	19150	25RB#25	20.78	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.85	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.93	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.97	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.71	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.01	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.01	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.99	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.03	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.87	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.80	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.66	PASS
Band2	15MHz	16QAM	18675	38RB#0	22.00	PASS
Band2	15MHz	16QAM	18675	38RB#18	20.91	PASS
Band2	15MHz	16QAM	18675	38RB#37	22.01	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.88	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.73	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.76	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.64	PASS
Band2	15MHz	QPSK	18900	38RB#0	21.84	PASS
Band2	15MHz	QPSK	18900	38RB#18	21.93	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.85	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.87	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.83	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.82	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.67	PASS
Band2	15MHz	16QAM	18900	38RB#0	21.87	PASS
Band2	15MHz	16QAM	18900	38RB#18	20.84	PASS
Band2	15MHz	16QAM	18900	38RB#37	21.86	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.81	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.75	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.77	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.77	PASS
Band2	15MHz	QPSK	19125	38RB#0	21.95	PASS
Band2	15MHz	QPSK	19125	38RB#18	21.92	PASS
Band2	15MHz	QPSK	19125	38RB#37	21.92	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.73	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.68	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.70	PASS
Band2	15MHz	16QAM	19125	38RB#0	21.91	PASS
Band2	15MHz	16QAM	19125	38RB#18	20.79	PASS

Band2	15MHz	16QAM	19125	38RB#37	21.91	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.83	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.04	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.15	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.74	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.90	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.91	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.85	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.75	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.56	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.86	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.87	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.76	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.82	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.81	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.98	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.71	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.80	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.83	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.68	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.76	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.88	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.05	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.74	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.83	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.84	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.68	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.74	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.85	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.04	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.82	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.89	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.82	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.74	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.82	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.71	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.90	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.57	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.90	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.87	PASS

Band2	20MHz	16QAM	19100	50RB#50	20.71	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.82	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.15	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.36	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.21	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.22	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.17	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.17	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.95	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.43	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.98	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.01	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.16	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.06	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.99	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.94	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.12	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.10	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.11	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.08	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.76	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.06	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.72	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.82	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.92	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.80	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.98	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.20	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.40	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.26	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.38	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.34	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.33	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.06	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.45	PASS

Band4	1.4MHz	16QAM	20393	1RB#5	22.12	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.11	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.26	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.17	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.31	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.14	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.16	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.14	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.16	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.17	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.16	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.08	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.17	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.11	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.16	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.11	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.17	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.14	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.07	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.07	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.11	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.07	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.05	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.01	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.99	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.99	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.91	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.11	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.84	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.03	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.93	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.97	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.86	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.28	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.32	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.27	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.30	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.31	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.27	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.23	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.29	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.22	PASS

Band4	3MHz	16QAM	20385	1RB#14	22.30	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.33	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.30	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.27	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.22	PASS
Band4	5MHz	QPSK	19975	1RB#0	24.38	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.50	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.42	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.32	PASS
Band4	5MHz	QPSK	19975	12RB#6	23.43	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.43	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.38	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.29	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.35	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.43	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.33	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.40	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.31	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.39	PASS
Band4	5MHz	QPSK	20175	1RB#0	24.12	PASS
Band4	5MHz	QPSK	20175	1RB#12	24.07	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.96	PASS
Band4	5MHz	QPSK	20175	12RB#0	23.02	PASS
Band4	5MHz	QPSK	20175	12RB#6	23.10	PASS
Band4	5MHz	QPSK	20175	12RB#13	23.06	PASS
Band4	5MHz	QPSK	20175	25RB#0	23.08	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.15	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.12	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.96	PASS
Band4	5MHz	16QAM	20175	12RB#0	22.08	PASS
Band4	5MHz	16QAM	20175	12RB#6	22.12	PASS
Band4	5MHz	16QAM	20175	12RB#13	22.03	PASS
Band4	5MHz	16QAM	20175	25RB#0	22.05	PASS
Band4	5MHz	QPSK	20375	1RB#0	24.63	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.79	PASS
Band4	5MHz	QPSK	20375	1RB#24	24.80	PASS
Band4	5MHz	QPSK	20375	12RB#0	23.64	PASS
Band4	5MHz	QPSK	20375	12RB#6	23.75	PASS
Band4	5MHz	QPSK	20375	12RB#13	23.75	PASS
Band4	5MHz	QPSK	20375	25RB#0	23.72	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.54	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.64	PASS

Band4	5MHz	16QAM	20375	1RB#24	23.77	PASS
Band4	5MHz	16QAM	20375	12RB#0	22.59	PASS
Band4	5MHz	16QAM	20375	12RB#6	22.75	PASS
Band4	5MHz	16QAM	20375	12RB#13	22.72	PASS
Band4	5MHz	16QAM	20375	25RB#0	22.79	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.42	PASS
Band4	10MHz	QPSK	20000	1RB#24	24.54	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.54	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.36	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.56	PASS
Band4	10MHz	QPSK	20000	25RB#25	23.55	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.53	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.48	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.50	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.60	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.38	PASS
Band4	10MHz	16QAM	20000	25RB#12	22.52	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.52	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.48	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.34	PASS
Band4	10MHz	QPSK	20175	1RB#24	24.16	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.99	PASS
Band4	10MHz	QPSK	20175	25RB#0	23.09	PASS
Band4	10MHz	QPSK	20175	25RB#12	23.16	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.99	PASS
Band4	10MHz	QPSK	20175	50RB#0	23.08	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.14	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.27	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.89	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.11	PASS
Band4	10MHz	16QAM	20175	25RB#12	22.15	PASS
Band4	10MHz	16QAM	20175	25RB#25	22.06	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.09	PASS
Band4	10MHz	QPSK	20350	1RB#0	24.45	PASS
Band4	10MHz	QPSK	20350	1RB#24	24.71	PASS
Band4	10MHz	QPSK	20350	1RB#49	24.88	PASS
Band4	10MHz	QPSK	20350	25RB#0	23.58	PASS
Band4	10MHz	QPSK	20350	25RB#12	23.73	PASS
Band4	10MHz	QPSK	20350	25RB#25	23.80	PASS
Band4	10MHz	QPSK	20350	50RB#0	23.69	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.45	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.65	PASS

Band4	10MHz	16QAM	20350	1RB#49	23.88	PASS
Band4	10MHz	16QAM	20350	25RB#0	22.54	PASS
Band4	10MHz	16QAM	20350	25RB#12	22.75	PASS
Band4	10MHz	16QAM	20350	25RB#25	22.76	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.67	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.37	PASS
Band4	15MHz	QPSK	20025	1RB#38	24.62	PASS
Band4	15MHz	QPSK	20025	1RB#74	24.43	PASS
Band4	15MHz	QPSK	20025	38RB#0	23.51	PASS
Band4	15MHz	QPSK	20025	38RB#18	23.55	PASS
Band4	15MHz	QPSK	20025	38RB#37	23.52	PASS
Band4	15MHz	QPSK	20025	75RB#0	23.58	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.48	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.54	PASS
Band4	15MHz	16QAM	20025	1RB#74	23.42	PASS
Band4	15MHz	16QAM	20025	38RB#0	23.55	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.52	PASS
Band4	15MHz	16QAM	20025	38RB#37	23.57	PASS
Band4	15MHz	16QAM	20025	75RB#0	22.47	PASS
Band4	15MHz	QPSK	20175	1RB#0	24.30	PASS
Band4	15MHz	QPSK	20175	1RB#38	24.09	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.93	PASS
Band4	15MHz	QPSK	20175	38RB#0	23.16	PASS
Band4	15MHz	QPSK	20175	38RB#18	23.10	PASS
Band4	15MHz	QPSK	20175	38RB#37	23.14	PASS
Band4	15MHz	QPSK	20175	75RB#0	23.14	PASS
Band4	15MHz	16QAM	20175	1RB#0	23.37	PASS
Band4	15MHz	16QAM	20175	1RB#38	23.10	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.95	PASS
Band4	15MHz	16QAM	20175	38RB#0	23.14	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.09	PASS
Band4	15MHz	16QAM	20175	38RB#37	23.10	PASS
Band4	15MHz	16QAM	20175	75RB#0	22.07	PASS
Band4	15MHz	QPSK	20325	1RB#0	24.17	PASS
Band4	15MHz	QPSK	20325	1RB#38	24.56	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.71	PASS
Band4	15MHz	QPSK	20325	38RB#0	23.53	PASS
Band4	15MHz	QPSK	20325	38RB#18	23.49	PASS
Band4	15MHz	QPSK	20325	38RB#37	23.54	PASS
Band4	15MHz	QPSK	20325	75RB#0	23.59	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.19	PASS
Band4	15MHz	16QAM	20325	1RB#38	23.51	PASS

Band4	15MHz	16QAM	20325	1RB#74	23.77	PASS
Band4	15MHz	16QAM	20325	38RB#0	23.54	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.53	PASS
Band4	15MHz	16QAM	20325	38RB#37	23.54	PASS
Band4	15MHz	16QAM	20325	75RB#0	22.47	PASS
Band4	20MHz	QPSK	20050	1RB#0	24.38	PASS
Band4	20MHz	QPSK	20050	1RB#49	24.69	PASS
Band4	20MHz	QPSK	20050	1RB#99	24.27	PASS
Band4	20MHz	QPSK	20050	50RB#0	23.47	PASS
Band4	20MHz	QPSK	20050	50RB#25	23.57	PASS
Band4	20MHz	QPSK	20050	50RB#50	23.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	23.53	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.32	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.63	PASS
Band4	20MHz	16QAM	20050	1RB#99	23.15	PASS
Band4	20MHz	16QAM	20050	50RB#0	22.52	PASS
Band4	20MHz	16QAM	20050	50RB#25	22.58	PASS
Band4	20MHz	16QAM	20050	50RB#50	22.56	PASS
Band4	20MHz	16QAM	20050	100RB#0	22.48	PASS
Band4	20MHz	QPSK	20175	1RB#0	24.35	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.17	PASS
Band4	20MHz	QPSK	20175	1RB#99	24.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	23.13	PASS
Band4	20MHz	QPSK	20175	50RB#25	23.18	PASS
Band4	20MHz	QPSK	20175	50RB#50	23.01	PASS
Band4	20MHz	QPSK	20175	100RB#0	23.09	PASS
Band4	20MHz	16QAM	20175	1RB#0	23.28	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.15	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.89	PASS
Band4	20MHz	16QAM	20175	50RB#0	22.12	PASS
Band4	20MHz	16QAM	20175	50RB#25	22.13	PASS
Band4	20MHz	16QAM	20175	50RB#50	22.05	PASS
Band4	20MHz	16QAM	20175	100RB#0	22.08	PASS
Band4	20MHz	QPSK	20300	1RB#0	24.06	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.41	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.85	PASS
Band4	20MHz	QPSK	20300	50RB#0	23.18	PASS
Band4	20MHz	QPSK	20300	50RB#25	23.40	PASS
Band4	20MHz	QPSK	20300	50RB#50	23.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	23.35	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.96	PASS
Band4	20MHz	16QAM	20300	1RB#49	23.38	PASS

Band4	20MHz	16QAM	20300	1RB#99	23.60	PASS
Band4	20MHz	16QAM	20300	50RB#0	22.22	PASS
Band4	20MHz	16QAM	20300	50RB#25	22.40	PASS
Band4	20MHz	16QAM	20300	50RB#50	22.54	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.31	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.17	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.25	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.30	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.26	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.26	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.11	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.05	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.21	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.03	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.23	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.25	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.19	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.29	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.02	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.09	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.12	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.10	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.09	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.15	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.33	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.27	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.31	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	22.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.40	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.08	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.05	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.23	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.05	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.37	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.24	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.23	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.23	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.24	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.19	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.24	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.18	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.25	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.26	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.29	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.25	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.23	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.23	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.19	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.22	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.20	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.22	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.20	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.29	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.15	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.21	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.24	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.27	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.23	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.24	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.25	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.23	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.25	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.29	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.25	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.24	PASS

Band5	3MHz	QPSK	20635	15RB#0	22.21	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.26	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.18	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.29	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.32	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.29	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.25	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.28	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.22	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.53	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.21	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.22	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.21	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.19	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.19	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.10	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.15	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.11	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.15	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.22	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.15	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.21	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.15	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.47	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.11	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.17	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.29	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.18	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.19	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.20	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.30	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.25	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.26	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.26	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.19	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.17	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.27	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.59	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.20	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.24	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.25	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.15	PASS

Band5	5MHz	QPSK	20625	25RB#0	22.20	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.14	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.47	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.12	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.26	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.31	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.17	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.21	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.28	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.41	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.22	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.30	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.22	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.24	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.24	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.41	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.22	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.31	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.29	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.32	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.23	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.34	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.20	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.26	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.22	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.19	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.22	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.30	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.17	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.28	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.24	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.19	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.22	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.24	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.66	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.23	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.30	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.27	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.16	PASS

Band5	10MHz	QPSK	20600	50RB#0	22.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.27	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.33	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.22	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.29	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.27	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.14	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.20	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.71	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.01	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.77	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.73	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.78	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.79	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.76	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.68	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.68	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.67	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.64	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.76	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.70	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.76	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.76	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.05	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.66	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.76	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.82	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.74	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.77	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.11	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.73	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.76	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.93	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.78	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.77	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.72	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.75	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.74	PASS

Band7	5MHz	QPSK	21425	12RB#0	21.82	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.82	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.65	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.78	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.57	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.11	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.59	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.84	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.74	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.72	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.84	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.81	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.01	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.78	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.82	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.81	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.82	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.78	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.75	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.84	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.73	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.76	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.80	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.79	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.79	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.86	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.03	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.78	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.88	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.81	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.86	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.78	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.71	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.02	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.61	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.85	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.82	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.84	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.80	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.82	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.95	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.77	PASS

Band7	10MHz	QPSK	21400	25RB#0	21.97	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.77	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.66	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.83	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.50	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.88	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.44	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.90	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.75	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.67	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.79	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.78	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.80	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.67	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.79	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.84	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.78	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.70	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.64	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.63	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.78	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.77	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.80	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.70	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.70	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.66	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.52	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.78	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.79	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.79	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.77	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.78	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.70	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.70	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.81	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.79	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.79	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.74	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.72	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.68	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.53	PASS

Band7	15MHz	QPSK	21375	38RB#0	21.75	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.79	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.70	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.44	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.58	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.33	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.68	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.65	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.70	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.65	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.64	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.87	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.61	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.59	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.70	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.60	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.60	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.52	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.78	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.40	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.57	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.63	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.58	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.63	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.67	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.10	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.53	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.75	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.69	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.66	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.70	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.69	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.81	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.61	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.71	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.76	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.66	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.66	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.62	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.81	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.48	PASS

Band7	20MHz	QPSK	21350	50RB#0	21.73	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.63	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.35	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.48	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.42	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.65	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.28	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.77	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.59	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.39	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.49	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.33	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.46	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.29	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.38	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.34	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.45	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.18	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.20	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.37	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.28	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.28	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.28	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.36	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.44	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.40	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.21	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.17	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.25	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.34	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.26	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.20	PASS

Band12	1.4MHz	QPSK	23173	1RB#0	23.14	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.18	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.32	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.38	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.18	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.19	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.16	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.23	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.16	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.32	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.32	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.30	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.36	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.37	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.33	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.33	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.40	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.34	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.36	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.35	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.33	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.36	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.33	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.33	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.30	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.36	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.33	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.31	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.31	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.39	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.33	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.37	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.32	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.40	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.35	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.35	PASS

Band12	3MHz	QPSK	23165	1RB#0	23.32	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.28	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.30	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.32	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.37	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.30	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.28	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.38	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.16	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.34	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.31	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.30	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.19	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.32	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.78	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.24	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.29	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.44	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.37	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.36	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.26	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.41	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.26	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.29	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.37	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.36	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.35	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.33	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.74	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.23	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.31	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.41	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.30	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.37	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.25	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.59	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.20	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.28	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.35	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.25	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.33	PASS

Band12	5MHz	QPSK	23155	1RB#0	23.20	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.50	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.17	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.35	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.46	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.37	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.43	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.39	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.78	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.34	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.35	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.41	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.41	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.38	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.32	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.51	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.27	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.29	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.42	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.37	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.36	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.42	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.52	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.35	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.29	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.37	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.34	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.33	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.54	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.27	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.40	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.41	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.34	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.36	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.29	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.64	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.20	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.41	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.37	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.33	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.37	PASS

Band12	10MHz	QPSK	23130	1RB#0	23.36	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.81	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.27	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.44	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.42	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.43	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.16	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.42	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.10	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.51	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.44	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.48	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.44	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.80	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.92	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.89	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.82	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.81	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.79	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.86	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.83	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.94	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.93	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.98	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.98	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.94	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.90	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.96	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.95	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.92	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.83	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.81	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.83	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.88	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.82	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.92	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.77	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.92	PASS

Band13	5MHz	16QAM	23230	12RB#6	21.88	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.92	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.95	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.04	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.95	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.03	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.84	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.81	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.78	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.84	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.89	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.73	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.82	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.90	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.92	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.89	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.93	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.92	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.07	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.94	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.90	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.90	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.92	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.89	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.87	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.83	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.91	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.93	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.92	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.94	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.95	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.27	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.73	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.35	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.34	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.43	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.33	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.37	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.29	PASS

Band17	5MHz	16QAM	23755	1RB#12	22.22	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.29	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.34	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.42	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.28	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.33	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.30	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.62	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.23	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.42	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.44	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.39	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.40	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.43	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.59	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.38	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.40	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.45	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.38	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.36	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.32	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.62	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.28	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.35	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.47	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.42	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.41	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.24	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.73	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.25	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.38	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.42	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.39	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.47	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.30	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.49	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.29	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.45	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.40	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.43	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.41	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.40	PASS

Band17	10MHz	16QAM	23780	1RB#24	22.52	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.38	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.42	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.43	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.36	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.36	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.45	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.56	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.34	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.51	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.46	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.41	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.45	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.31	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.67	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.25	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.45	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.43	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.45	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.45	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.35	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.85	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.35	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.50	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.39	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.48	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.46	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.18	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.51	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.16	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.48	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.44	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.45	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.47	PASS

Remark:

1. Per KDB941225 D05 v02r05, Start with the largest channel bandwidth then measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle, and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. 6 When the reported SAR of a

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required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2. Per KDB941225 D05 v02r05, The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

3. Per KDB941225 D05 v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations, and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

4. Per KDB941225 D05 v02r05, For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in 5.2.1, 5.2.2, and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

9.2 Test Results for Standalone SAR Test

Near to Mouth SAR

GSM850 –Body SAR Test (Gap: 10mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Front Face	251	848.8	33.44	33.5	1.014	0.027	0.027
	GSM	Front Face	128	824.2	33.18	33.5	1.076	0.041	0.044
	GSM	Front Face	190	836.6	33.19	33.5	1.074	0.036	0.039
1.	GPRS_4TX	Front Face	251	848.8	29.90	30.0	1.023	0.161	0.165
	GPRS_4TX	Front Face	128	824.2	29.68	30.0	1.076	0.152	0.164
	GPRS_4TX	Front Face	190	836.6	29.58	30.0	1.102	0.147	0.162

GSM1900 – Body SAR Test (Gap: 10mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	GSM	Front Face	810	1909.8	29.91	30.0	1.021	0.142	0.145
	GSM	Front Face	512	1850.2	29.80	30.0	1.047	0.134	0.140
	GSM	Front Face	661	1880	29.86	30.0	1.033	0.155	0.160
	GPRS_4TX	Front Face	661	1880	26.22	26.5	1.067	0.198	0.211
	GPRS_4TX	Front Face	512	1850.2	26.09	26.5	1.099	0.152	0.167
2.	GPRS_4TX	Front Face	810	1909.8	25.82	26.5	1.169	0.184	0.215

WCDMA Band 2 – Body SAR Test (Gap: 10mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
3.	RMC 12.2k	Front Face	9262	1852.4	23.13	23.5	1.089	0.318	0.346
	RMC 12.2k	Front Face	9400	1880.0	23.10	23.5	1.096	0.287	0.315
	RMC 12.2k	Front Face	9538	1907.6	23.06	23.5	1.107	0.309	0.342

WCDMA Band 4 – Body SAR Test (Gap: 10mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Front Face	1513	1752.6	22.72	23.0	1.067	0.722	0.770
	RMC 12.2k	Front Face	1312	1712.4	22.70	23.0	1.072	0.753	0.807
4.	RMC 12.2k	Front Face	1413	1732.4	22.58	23.0	1.102	0.781	0.861

WCDMA Band 5 – Body SAR Test (Gap: 10mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR1g (W/kg)	Scaled SAR1g (W/kg)
			CH.	MHz					
	RMC 12.2k	Front Face	4233	846.6	23.42	24.0	1.143	0.043	0.049
	RMC 12.2k	Front Face	4132	826.4	23.12	24.0	1.225	0.041	0.050
5.	RMC 12.2k	Front Face	4182	836.2	23.35	24.0	1.161	0.045	0.052

LTE Band 2–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Front Face	1860	23.04	23.5	1.112	0.302	0.336
	QPSK 20MHz 1RB	Front Face	1880	22.98	23.5	1.127	0.309	0.348
6.	QPSK 20MHz 1RB	Front Face	1900	23.04	23.5	1.112	0.349	0.388
	QPSK 20MHz 50%RB	Front Face	1860	23.04	23.5	1.112	0.286	0.318
	QPSK 20MHz 50%RB	Front Face	1880	22.98	23.5	1.127	0.291	0.328
	QPSK 20MHz 50%RB	Front Face	1900	23.04	23.5	1.112	0.327	0.364

LTE Band 4–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
7.	QPSK 20MHz 1RB	Front Face	1745	24.85	25.0	1.035	1.113	1.152
	QPSK 20MHz 1RB	Front Face	1720	24.69	25.0	1.074	0.881	0.946
	QPSK 20MHz 1RB	Front Face	1732.5	24.35	25.0	1.161	0.879	1.021
	QPSK 20MHz 50%RB	Front Face	1745	24.85	25.0	1.035	0.998	1.033
	QPSK 20MHz 50%RB	Front Face	1720	24.69	25.0	1.074	0.865	0.929
	QPSK 20MHz 50%RB	Front Face	1732.5	24.35	25.0	1.161	0.857	0.995

LTE Band 5–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Front Face	844	23.66	24.0	1.081	0.035	0.038
8.	QPSK 10MHz 1RB	Front Face	829	23.41	24.0	1.146	0.066	0.076
	QPSK 10MHz 1RB	Front Face	836.5	23.34	24.0	1.164	0.036	0.042
	QPSK 10MHz 50%RB	Front Face	844	23.66	24.0	1.081	0.026	0.028
	QPSK 10MHz 50%RB	Front Face	829	23.41	24.0	1.146	0.048	0.055
	QPSK 10MHz 50%RB	Front Face	836.5	23.34	24.0	1.164	0.023	0.027

LTE Band 7–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Front Face	2535	23.10	23.5	1.096	0.375	0.411
9.	QPSK 20MHz 1RB	Front Face	2510	22.87	23.5	1.156	0.456	0.527
	QPSK 20MHz 1RB	Front Face	2560	22.81	23.5	1.172	0.421	0.493
	QPSK 20MHz 50%RB	Front Face	2535	23.10	23.5	1.096	0.345	0.378
	QPSK 20MHz 50%RB	Front Face	2510	22.87	23.5	1.156	0.412	0.476
	QPSK 20MHz 50%RB	Front Face	2560	22.81	23.5	1.172	0.408	0.478

LTE Band 12–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
10.	QPSK 10MHz 1RB	Front Face	711	23.81	24.0	1.045	0.052	0.054
	QPSK 10MHz 1RB	Front Face	711	23.81	24.0	1.045	0.040	0.042
	QPSK 10MHz 1RB	Front Face	711	23.81	24.0	1.045	0.043	0.045
	QPSK 10MHz 50%RB	Front Face	711	23.81	24.0	1.045	0.046	0.048
	QPSK 10MHz 50%RB	Front Face	704	23.51	24.0	1.119	0.035	0.039
	QPSK 10MHz 50%RB	Front Face	707.5	23.54	24.0	1.112	0.040	0.044

LTE Band 13–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
11.	QPSK 10MHz 1RB	Front Face	782	24.07	24.5	1.104	0.073	0.081
	QPSK 10MHz 50%RB	Front Face	782	24.07	24.5	1.104	0.054	0.060

LTE Band 17–Body SAR Test (Gap: 10mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 1g (W/kg)	Scaled SAR1g (W/kg)
	Bandwidth, RB		MHz					
12.	QPSK 10MHz 1RB	Front Face	711	23.85	24.0	1.035	0.045	0.047
	QPSK 10MHz 1RB	Front Face	709	23.49	24.0	1.125	0.035	0.039
	QPSK 10MHz 1RB	Front Face	710	23.56	24.0	1.107	0.038	0.042
	QPSK 10MHz 50%RB	Front Face	711	23.85	24.0	1.035	0.041	0.042
	QPSK 10MHz 50%RB	Front Face	709	23.49	24.0	1.125	0.032	0.036
	QPSK 10MHz 50%RB	Front Face	710	23.56	24.0	1.107	0.033	0.037

Remark: Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.

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Wrist-worn SAR

GSM850 –Wrist-worn SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
			CH.	MHz					
	GSM	Back Face	251	848.8	33.44	33.5	1.014	0.059	0.060
	GSM	Back Face	128	824.2	33.18	33.5	1.076	0.088	0.095
	GSM	Back Face	190	836.6	33.19	33.5	1.074	0.073	0.078
13.	GPRS_4TX	Back Face	251	848.8	29.90	30.0	1.023	0.239	0.245
	GPRS_4TX	Back Face	128	824.2	29.68	30.0	1.076	0.206	0.222
	GPRS_4TX	Back Face	190	836.6	29.58	30.0	1.102	0.214	0.236

GSM1900 –Wrist-worn SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
			CH.	MHz					
	GSM	Back Face	810	1909.8	29.91	30.0	1.021	0.428	0.437
	GSM	Back Face	512	1850.2	29.80	30.0	1.047	0.389	0.407
	GSM	Back Face	661	1880	29.86	30.0	1.033	0.511	0.528
14.	GPRS_4TX	Back Face	661	1880	26.22	26.5	1.067	0.705	0.752
	GPRS_4TX	Back Face	512	1850.2	26.09	26.5	1.099	0.674	0.741
	GPRS_4TX	Back Face	810	1909.8	25.82	26.5	1.169	0.629	0.736

WCDMA Band 2 –Wrist-worn SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	9262	1852.4	23.13	23.5	1.089	0.825	0.898
	RMC 12.2k	Back Face	9400	1880.0	23.10	23.5	1.096	0.713	0.782
15.	RMC 12.2k	Back Face	9538	1907.6	23.06	23.5	1.107	0.816	0.903

WCDMA Band 4 –Wrist-worn SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	1513	1752.6	22.72	23.0	1.067	1.035	1.104
16.	RMC 12.2k	Back Face	1312	1712.4	22.70	23.0	1.072	1.146	1.228
	RMC 12.2k	Back Face	1413	1732.4	22.58	23.0	1.102	1.007	1.109

WCDMA Band 5 –Wrist-worn y SAR Test (Gap: 0mm)									
Plot No.	Mode	Test Position	Frequency		Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
			CH.	MHz					
	RMC 12.2k	Back Face	4233	846.6	23.42	24.0	1.143	0.115	0.131
	RMC 12.2k	Back Face	4132	826.4	23.12	24.0	1.225	0.108	0.132
17.	RMC 12.2k	Back Face	4182	836.2	23.35	24.0	1.161	0.119	0.138

LTE Band 2–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	1860	23.04	23.5	1.112	1.182	1.314
18.	QPSK 20MHz 1RB	Back Face	1880	22.98	23.5	1.127	1.212	1.366
	QPSK 20MHz 1RB	Back Face	1900	23.04	23.5	1.112	1.205	1.340
	QPSK 20MHz 50%RB	Back Face	1860	23.04	23.5	1.112	1.153	1.282
	QPSK 20MHz 50%RB	Back Face	1880	22.98	23.5	1.127	1.149	1.295
	QPSK 20MHz 50%RB	Back Face	1900	23.04	23.5	1.112	1.186	1.319

LTE Band 4–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
19.	QPSK 20MHz 1RB	Back Face	1745	24.85	25.0	1.035	1.528	1.582
	QPSK 20MHz 1RB	Back Face	1720	24.69	25.0	1.074	1.458	1.566
	QPSK 20MHz 1RB	Back Face	1732.5	24.35	25.0	1.161	1.346	1.563
	QPSK 20MHz 50%RB	Back Face	1745	24.85	25.0	1.035	1.484	1.536
	QPSK 20MHz 50%RB	Back Face	1720	24.69	25.0	1.074	1.269	1.363
	QPSK 20MHz 50%RB	Back Face	1732.5	24.35	25.0	1.161	1.313	1.525

LTE Band 5–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	844	23.66	24.0	1.081	0.133	0.144
20.	QPSK 10MHz 1RB	Back Face	829	23.41	24.0	1.146	0.173	0.198
	QPSK 10MHz 1RB	Back Face	836.5	23.34	24.0	1.164	0.102	0.119
	QPSK 10MHz 50%RB	Back Face	844	23.66	24.0	1.081	0.112	0.121
	QPSK 10MHz 50%RB	Back Face	829	23.41	24.0	1.146	0.157	0.180
	QPSK 10MHz 50%RB	Back Face	836.5	23.34	24.0	1.164	0.095	0.111

LTE Band 7–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 20MHz 1RB	Back Face	2535	23.10	23.5	1.096	0.578	0.634
21.	QPSK 20MHz 1RB	Back Face	2510	22.87	23.5	1.156	0.751	0.868
	QPSK 20MHz 1RB	Back Face	2560	22.81	23.5	1.172	0.654	0.767
	QPSK 20MHz 50%RB	Back Face	2535	23.10	23.5	1.096	0.512	0.561
	QPSK 20MHz 50%RB	Back Face	2510	22.87	23.5	1.156	0.719	0.831
	QPSK 20MHz 50%RB	Back Face	2560	22.81	23.5	1.172	0.621	0.728

LTE Band 12–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	711	23.81	24.0	1.045	0.135	0.141
	QPSK 10MHz 1RB	Back Face	711	23.81	24.0	1.045	0.123	0.129
22.	QPSK 10MHz 1RB	Back Face	711	23.81	24.0	1.045	0.142	0.148
	QPSK 10MHz 50%RB	Back Face	711	23.81	24.0	1.045	0.121	0.126
	QPSK 10MHz 50%RB	Back Face	704	23.51	24.0	1.119	0.109	0.122
	QPSK 10MHz 50%RB	Back Face	707.5	23.54	24.0	1.112	0.127	0.141

LTE Band 13–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
23.	QPSK 10MHz 1RB	Back Face	782	24.07	24.5	1.104	0.180	0.199
	QPSK 10MHz 50%RB	Back Face	782	24.07	24.5	1.104	0.169	0.187

LTE Band 17–Wrist-worn SAR Test (Gap: 0mm)								
Plot No.	Mode	Test Position	Frequency	Output Power (dBm)	Rated Limit (dBm)	Scaling Factor	SAR 10g (W/kg)	Scaled SAR 10g (W/kg)
	Bandwidth, RB		MHz					
	QPSK 10MHz 1RB	Back Face	711	23.85	24.0	1.035	0.061	0.063
24.	QPSK 10MHz 1RB	Back Face	709	23.49	24.0	1.125	0.069	0.078
	QPSK 10MHz 1RB	Back Face	710	23.56	24.0	1.107	0.065	0.072
	QPSK 10MHz 50%RB	Back Face	711	23.85	24.0	1.035	0.056	0.058
	QPSK 10MHz 50%RB	Back Face	709	23.49	24.0	1.125	0.062	0.070
	QPSK 10MHz 50%RB	Back Face	710	23.56	24.0	1.107	0.061	0.068

Remark:

1. Per 447498 D01 General RF Exposure Guidance v06, if the highest output channel SAR for each exposure position ≤ 2.0 W/kg other channels SAR tests are not necessary.
2. GSM ,WCDMA and LTE share the same antenna, and cannot transmit simultaneously.

Repeated SAR

LTE Band 4–Body SAR Test (Gap: 10mm)							
Mode	Test Position	Frequency	SAR1g (W/kg)	Repeated SAR		Ratio	
		MHz		1	2	1	2
QPSK 20MHz 1RB	Front Face	1745	1.113	1.058	/	1.052	/
QPSK 20MHz 1RB	Front Face	1720	0.881	0.861	/	1.023	/
QPSK 20MHz 1RB	Front Face	1732.5	0.879	0.857	/	1.026	/
QPSK 20MHz 50%RB	Front Face	1745	0.998	0.956	/	1.044	/
QPSK 20MHz 50%RB	Front Face	1720	0.865	0.832	/	1.040	/
QPSK 20MHz 50%RB	Front Face	1732.5	0.857	0.824	/	1.040	/

Remark:

- 1) Per KDB 447498 D01 v06, if the highest output channel SAR for each exposure position ≤ 0.8 W/kg other channels SAR tests are not necessary.
- 2) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 3) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 4) 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 ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 5) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

10. Measurement Uncertainty

10.1 Uncertainty for SAR Test

Input quantity X_i (source of uncertainty)	Ref.	Prob. Dist PDF_i	Unc. $a(x_i)$	Div. q_i	$u(x_i) =$ $a(x_i)/q_i$	c_i (1 g; 10 g)	$u(y) = c_i \cdot u(x_i)$	v_i or v_{eff}
Measurement System errors								
Probe calibration	8.4.1.1	N	7.00	2	3.5	1	3.5	∞
Probe calibration drift	8.4.1.2	R	0	$\sqrt{3}$	0	1	0	∞
Probe linearity and detection limit	8.4.1.3	R	5.00	$\sqrt{3}$	2.89	1	2.89	∞
Broadband signal	8.4.1.4	R	0	$\sqrt{3}$	0	1	0	∞
Probe isotropy	8.4.1.5	R	2.50	$\sqrt{3}$	1.44	1	1.44	∞
Other probe and data acquisition errors	8.4.1.6	N	0.02	1	0.02	1	0.02	∞
RF ambient and noise	8.4.1.7	N	0	1	0	1	0	∞
Probe positioning errors	8.4.1.8	N	1.40	1	1.40	$2/TM$	0.70	
Data processing errors	8.4.1.9	N	0.05	1	0.05	1	0.05	∞
Phantom and device (DUT or validation antenna) errors								
Measurement of phantom conductivity(σ)	8.4.2.1	N	4.00	1	4.00	$c_{\epsilon_s}, c_{\sigma}$	4.00	∞
Temperature effects (medium)	8.4.2.2	R	2.50	$\sqrt{3}$	1.44	$c_{\epsilon_s}, c_{\sigma}$	1.44	∞
Shell permittivity	8.4.2.3	R	5.00	$\sqrt{3}$	2.88	See 8.4.2.3	2.88	∞
Distance between the radiating element of the DUT and the phantom medium	8.4.2.4	N	0.03	1	0.03	2	0.02	∞
Repeatability of positioning the DUT or source against the phantom	8.4.2.5	N	0.05	1	0.05	1	0.05	5
Device holder effects	8.4.2.6	N	5.00	1	5.00	1	5.00	
Effect of operating mode on probe sensitivity	8.4.2.7	R	0	$\sqrt{3}$	0	1	0	∞
Time-average SAR	8.4.2.8	R	0	$\sqrt{3}$	0	1	0	∞
Variation in SAR due to drift in output of DUT	8.4.2.9	N	5.00	1	5.00	1	5.00	
Validation antenna uncertainty (validation measurement only)	8.4.2.10	N	0	1	0	1	0	
Uncertainty in accepted power	8.4.2.11	N	0	1	0	1	0	

(validation measurement only)								
Corrections to the SAR result								
Phantom deviation from target (ϵ', σ)	8.4.3.1	N	0.05	1	0.05	1	0.05	
SAR scaling	8.4.3.2	R	2.00	$\sqrt{3}$	1.15	1	1.15	
Combined Standard Uncertainty		RSS			10.11		10.11	$v_{\text{eff}}^{\text{C}}$
Expanded uncertainty, U		K=2			20.23		20.23	

Annex A. Plots of System Performance Check

MEASUREMENT 1

Type: Validation measurement
Date of measurement: 2026-04-07
Measurement duration: 22 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

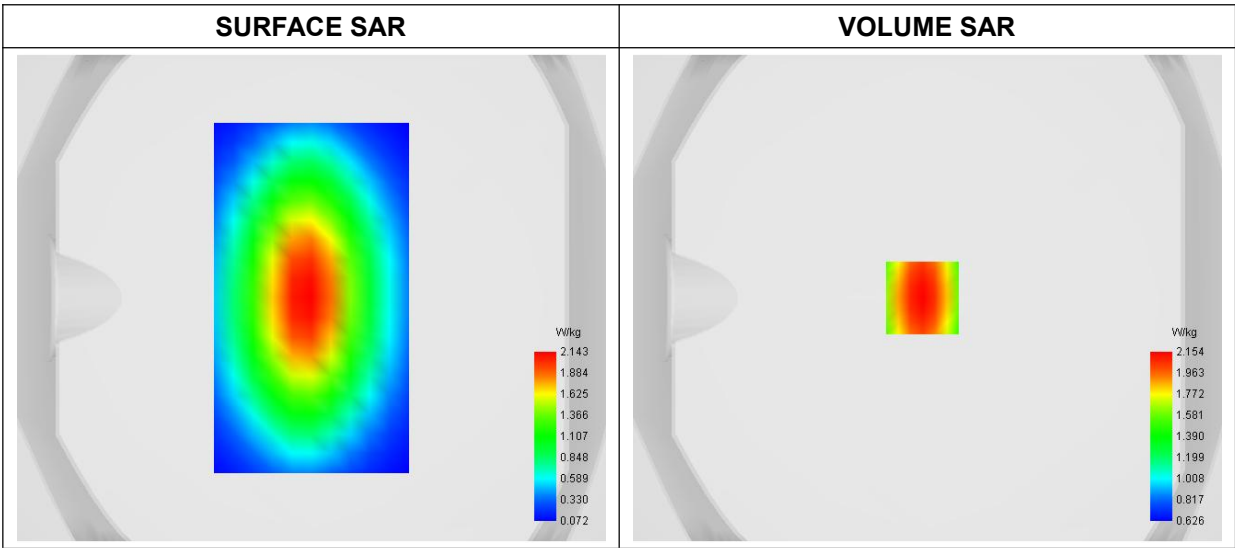
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW750
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	750.000000
Relative Permittivity (real part)	41.382457
Conductivity (S/m)	0.873478
Power Variation (%)	1.178100
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



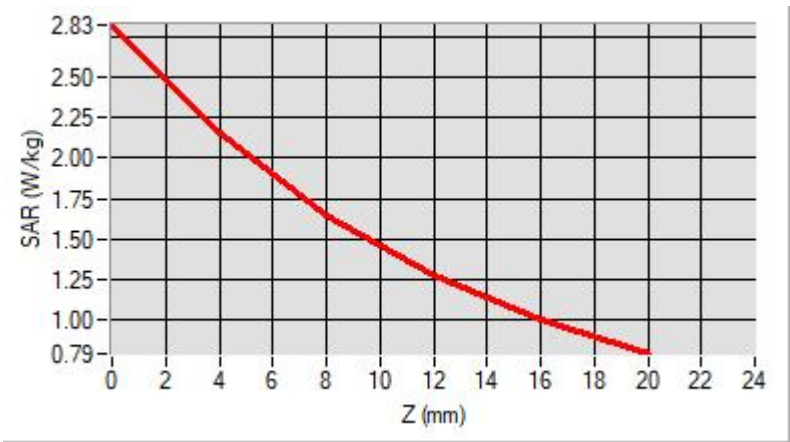
Maximum location: X=-2.00, Y=0.00

D. SAR 1g & 10g

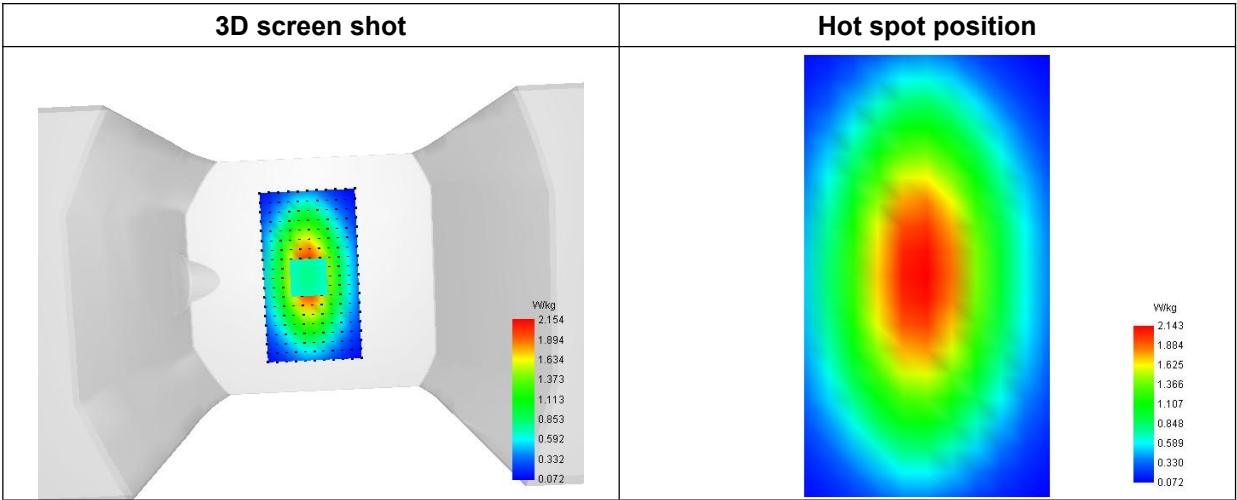
SAR 10g (W/Kg)	1.430855
SAR 1g (W/Kg)	2.051374

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.8268	2.1542	1.6473	1.2759	1.0033



F. 3D Image



MEASUREMENT 2

Type: Validation measurement
Date of measurement: 2026-03-30
Measurement duration: 22 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

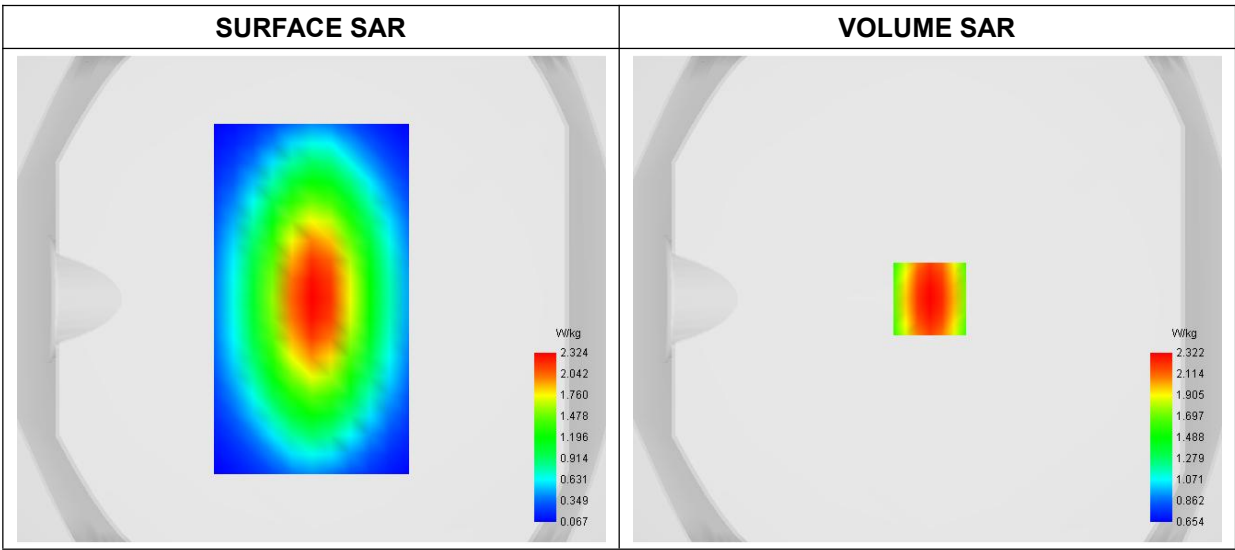
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW835
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	835.000000
Relative Permittivity (real part)	41.172489
Conductivity (S/m)	0.884178
Power Variation (%)	-1.884700
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume

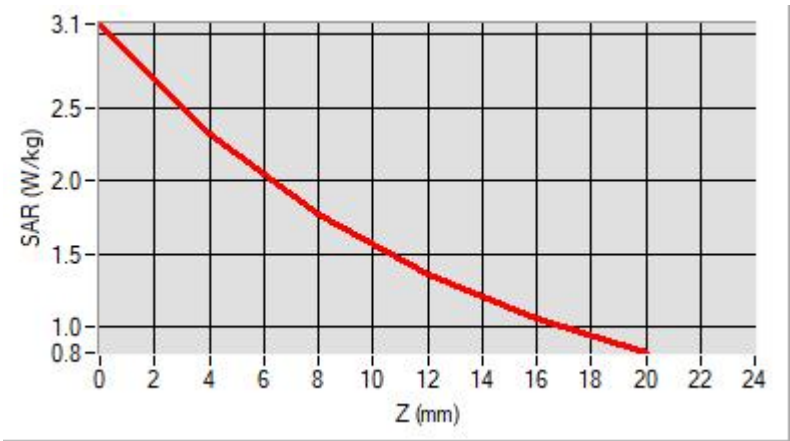


Maximum location: X=1.00, Y=0.00
D. SAR 1g & 10g

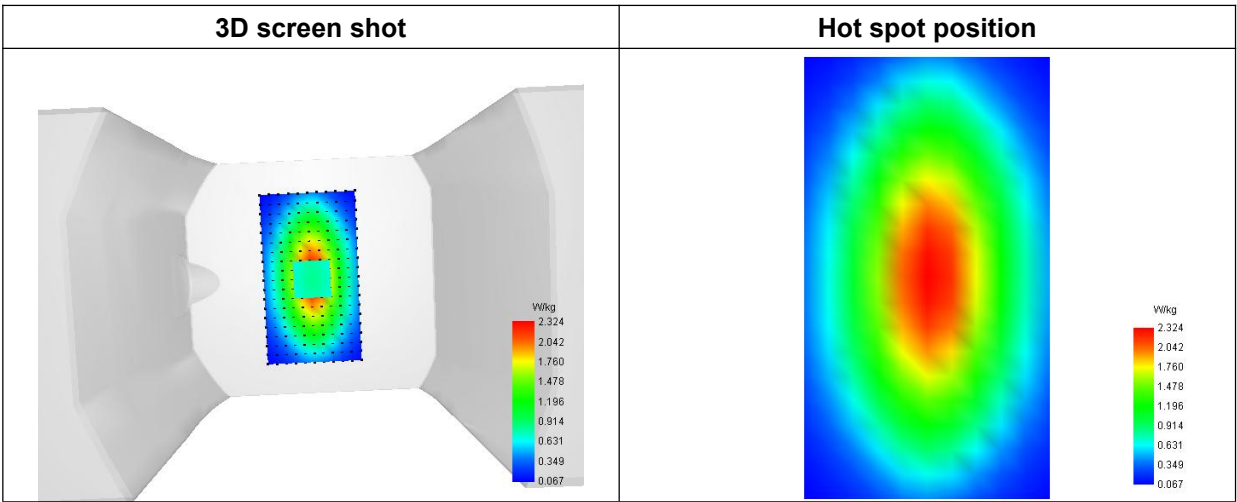
SAR 10g (W/Kg)	1.527360
SAR 1g (W/Kg)	2.210386

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	3.0677	2.3224	1.7644	1.3585	1.0631



F. 3D Image



MEASUREMENT 3

Type: Validation measurement
Date of measurement: 2026-04-02
Measurement duration: 25 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

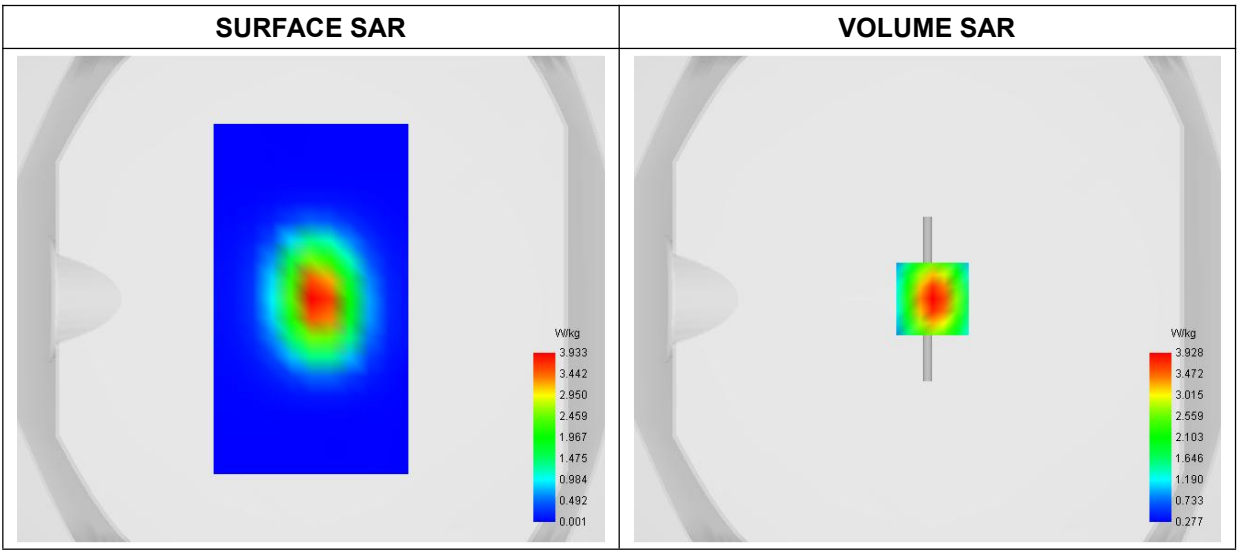
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1800
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	1800.000000
Relative Permittivity (real part)	39.210447
Conductivity (S/m)	1.374858
Power Variation (%)	1.425800
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



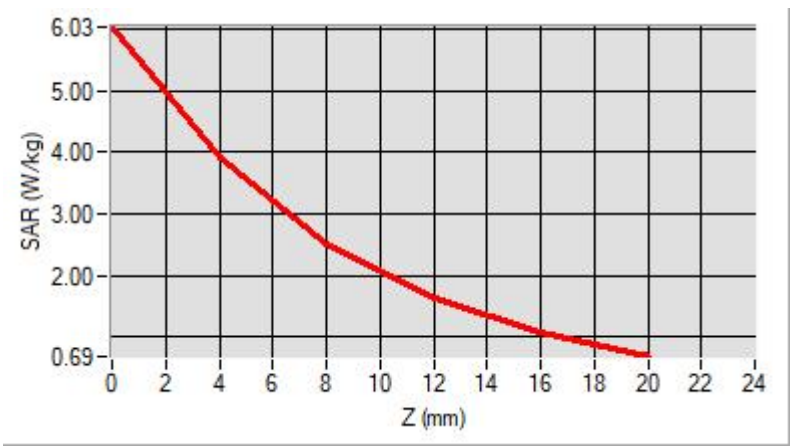
Maximum location: X=2.00, Y=0.00

D. SAR 1g & 10g

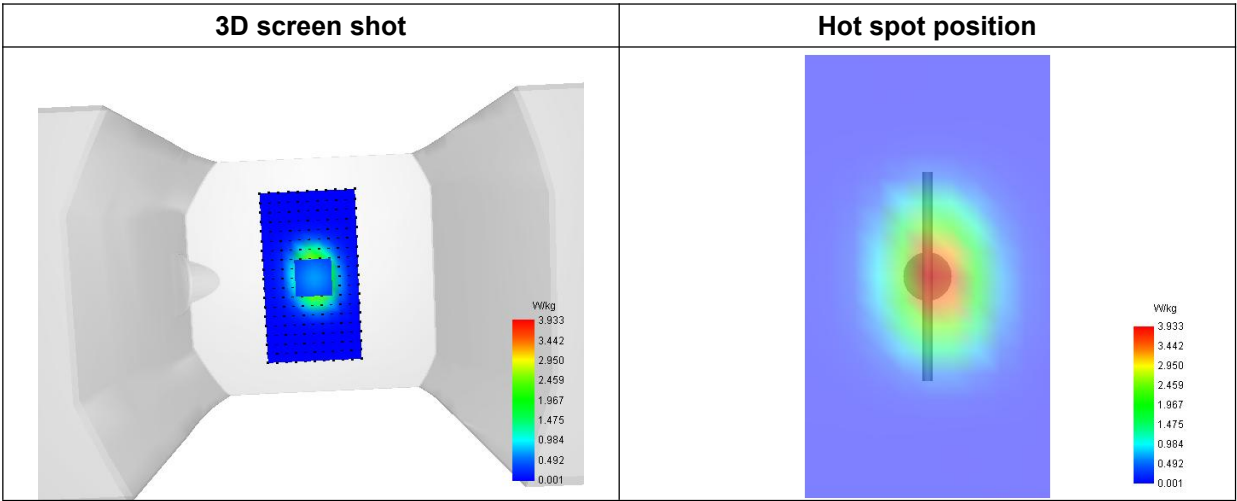
SAR 10g (W/Kg)	1.911750
SAR 1g (W/Kg)	3.565313

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	6.0310	3.9281	2.5257	1.6322	1.0719



F. 3D Image



MEASUREMENT 4

Type: Validation measurement
Date of measurement: 2026-04-03
Measurement duration: 25 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

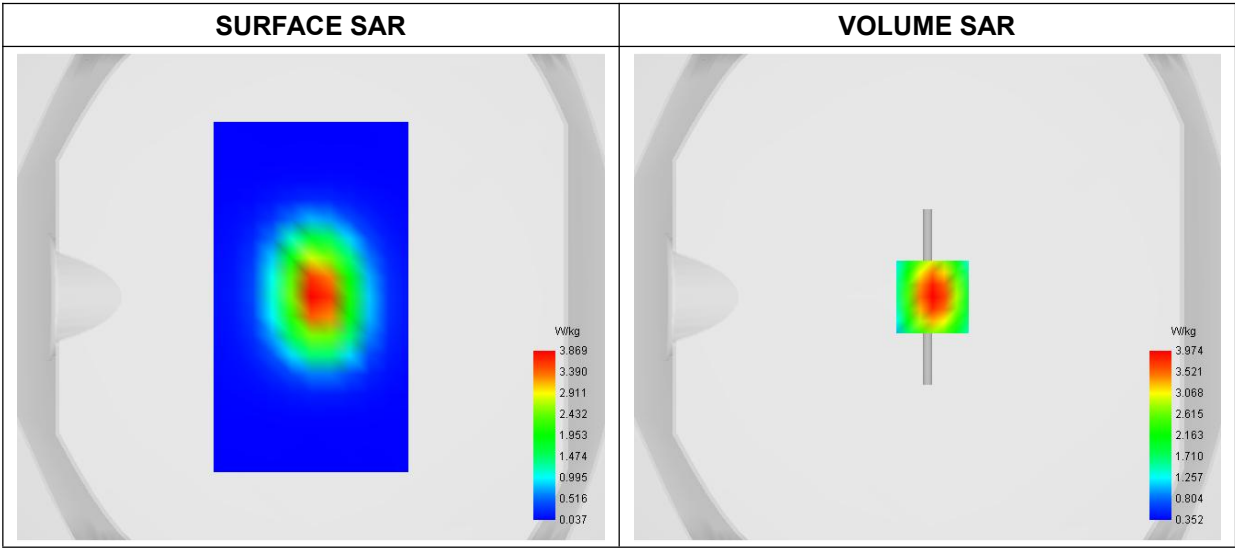
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW1900
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	41.492574
Conductivity (S/m)	1.391359
Power Variation (%)	-1.224700
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



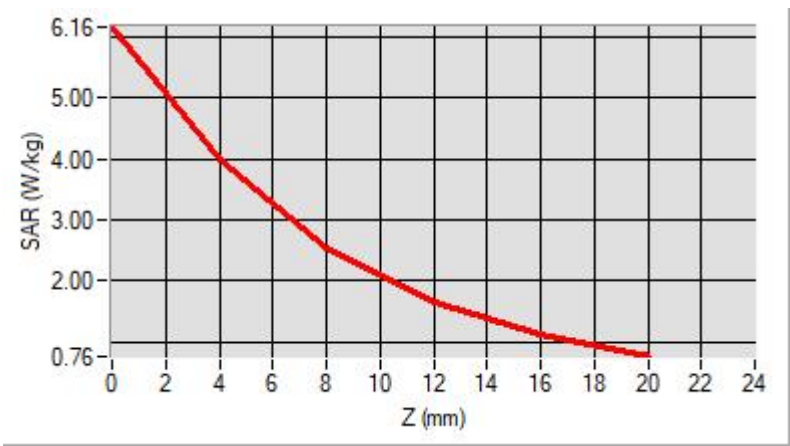
Maximum location: X=2.00, Y=0.00

D. SAR 1g & 10g

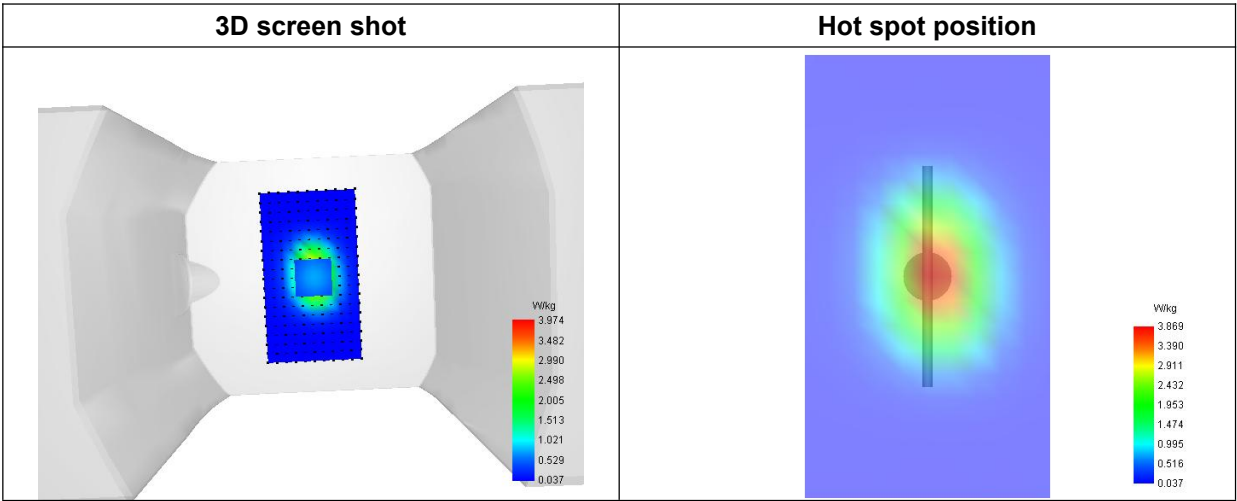
SAR 10g (W/Kg)	2.011180
SAR 1g (W/Kg)	3.649665

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	6.1635	3.9736	2.5447	1.6610	1.1258



F. 3D Image



MEASUREMENT 5

Type: Validation measurement
Date of measurement: 2026-04-08
Measurement duration: 25 minutes 21 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

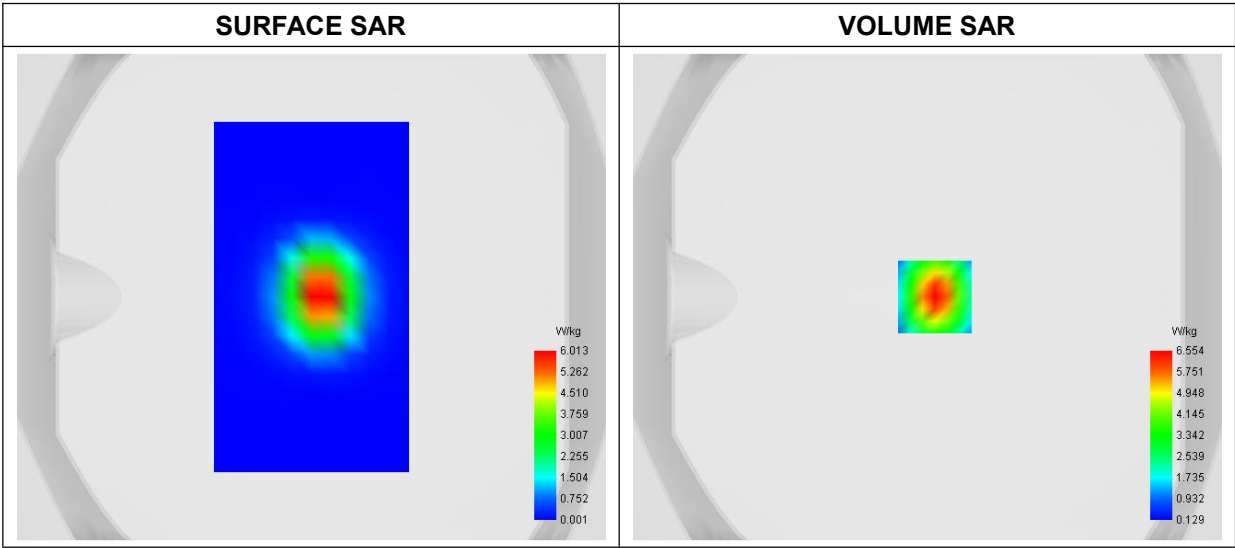
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Validation plane
Device Position	Dipole
Band	CW2600
Signal	CW (Crest factor: 1.0)

B. SAR Measurement Results

Frequency (MHz)	2600.000000
Relative Permittivity (real part)	38.154541
Conductivity (S/m)	1.924247
Power Variation (%)	1.344710
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



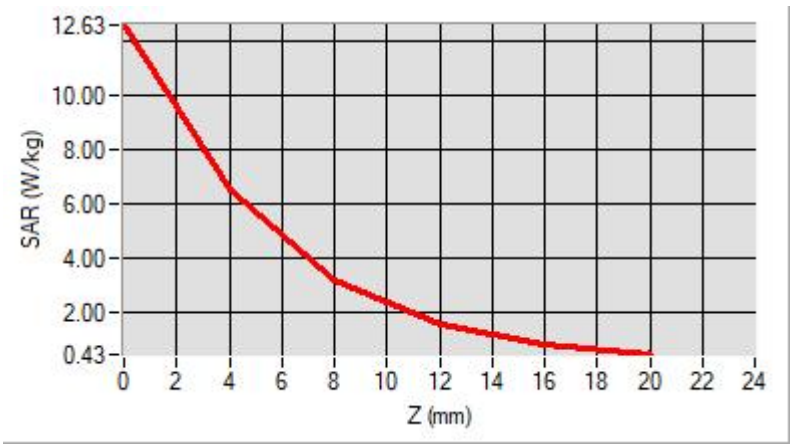
Maximum location: X=3.00, Y=0.00

D. SAR 1g & 10g

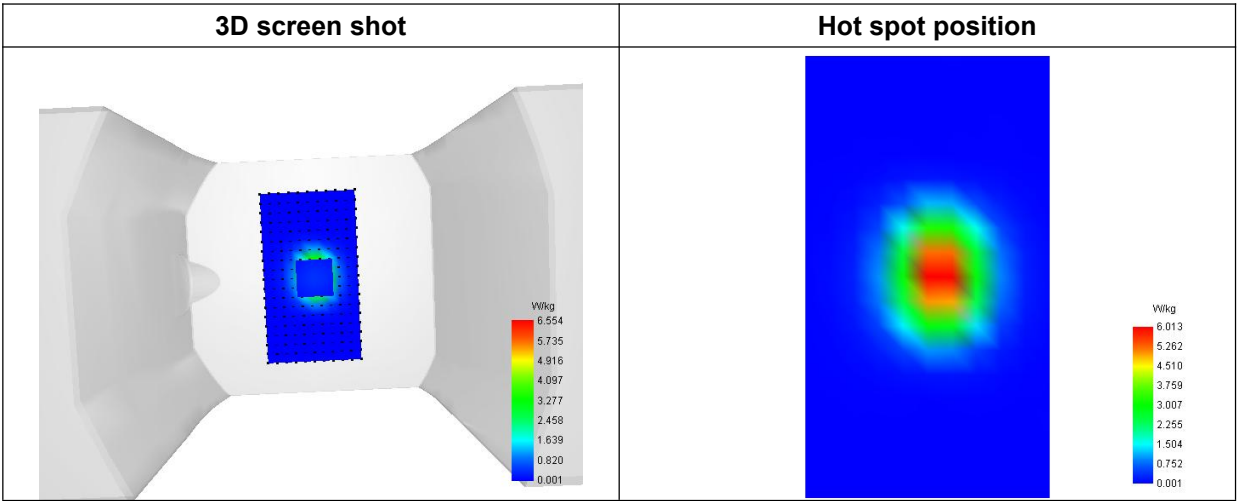
SAR 10g (W/Kg)	2.637559
SAR 1g (W/Kg)	5.973729

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	12.6251	6.5543	3.2184	1.5723	0.8237



F. 3D Image



Annex B. Plots of SAR Measurement

MEASUREMENT 1

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

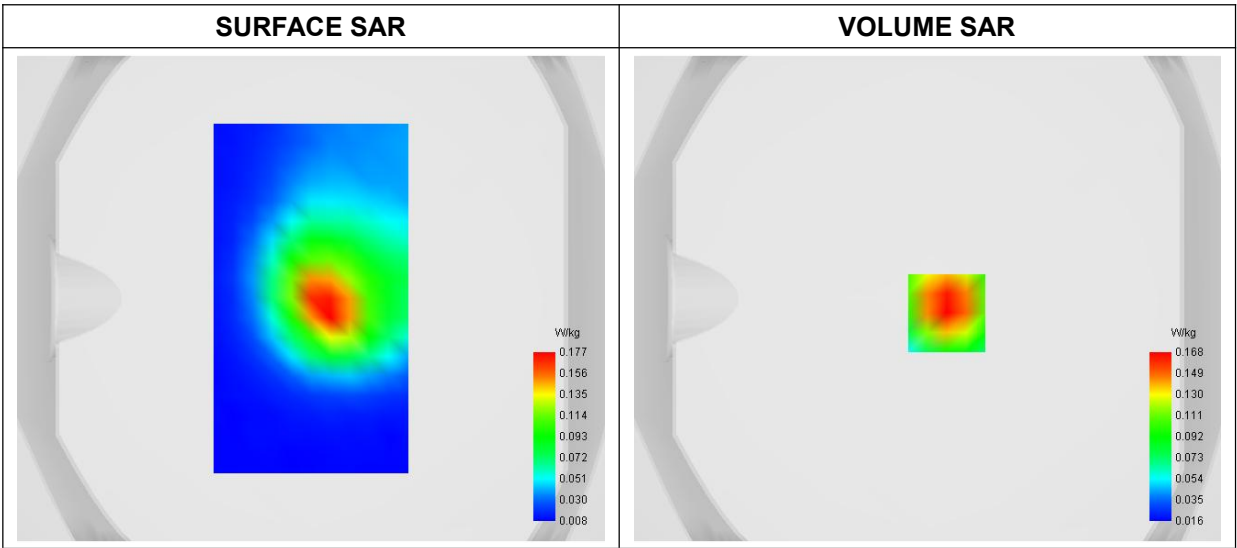
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	GPRS850_4TX
Channels	High
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

Frequency (MHz)	848.800000
Relative Permittivity (real part)	41.182458
Conductivity (S/m)	0.882458
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



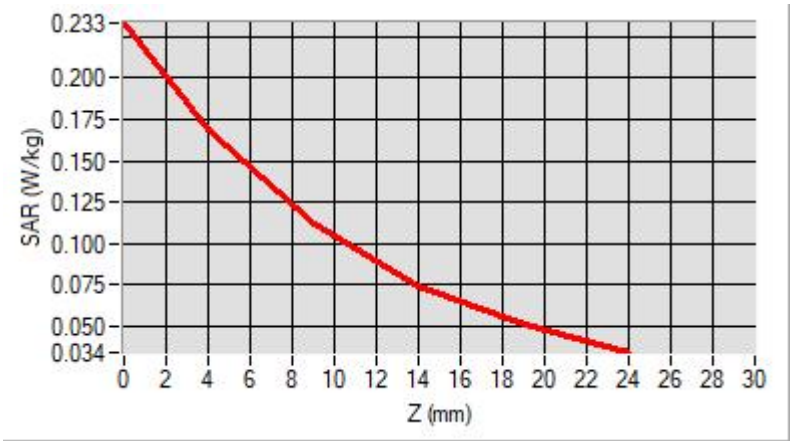
Maximum location: X=8.00, Y=-6.00 ; SAR Peak: 0.24 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.101
SAR 1g (W/Kg)	0.161
Variation (%)	0.710
Horizontal validation criteria: minimum distance (mm)	12.400754
Vertical validation criteria: SAR ratio M2/M1 (%)	41.500949

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.233	0.168	0.111	0.075	0.051



MEASUREMENT 2

Type: Measurement (Complete)
Date of measurement: 2026-04-03
Measurement duration: 12 minutes 40 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

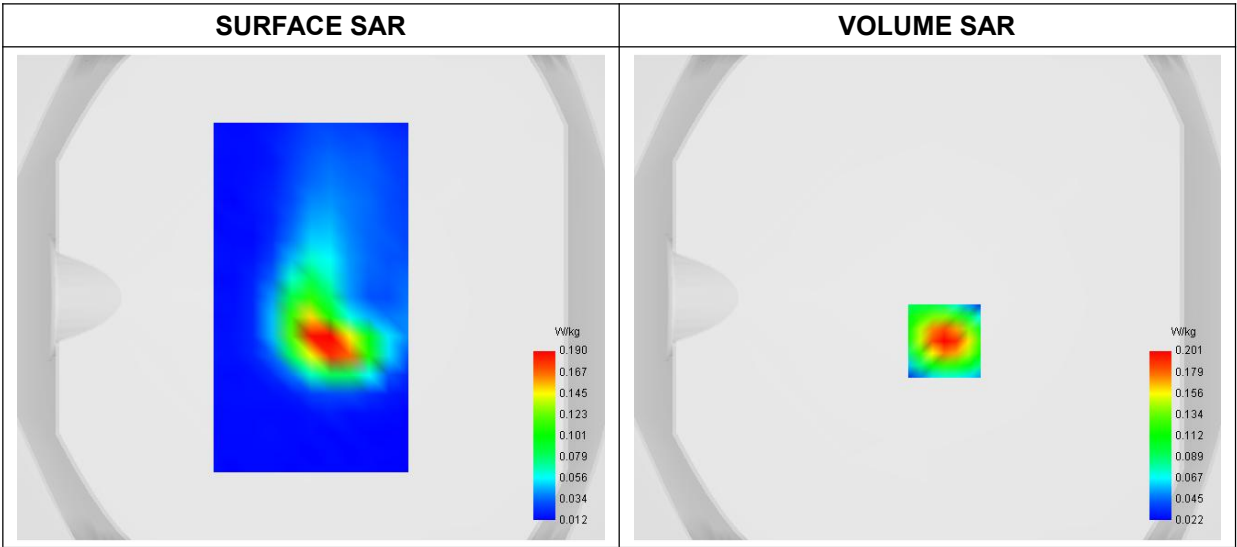
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	GPRS1900_4TX
Channels	High
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

Frequency (MHz)	1909.800000
Relative Permittivity (real part)	41.494124
Conductivity (S/m)	1.393697
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



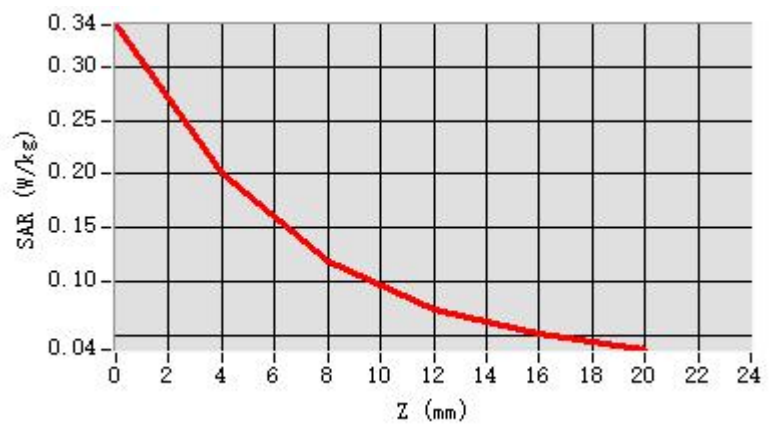
Maximum location: X=7.00, Y=-18.00 ; SAR Peak: 0.34 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.097
SAR 1g (W/Kg)	0.184
Variation (%)	1.530
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	45.180340

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.339	0.201	0.119	0.074	0.051



MEASUREMENT 3

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

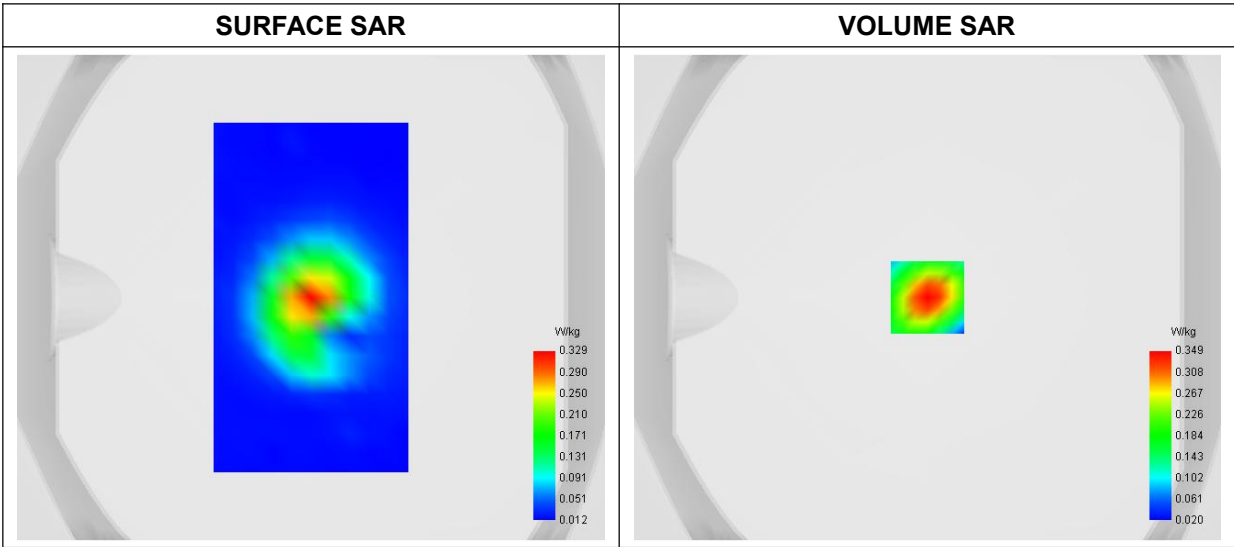
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	WCDMA1900_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1852.400000
Relative Permittivity (real part)	39.221249
Conductivity (S/m)	1.373869
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



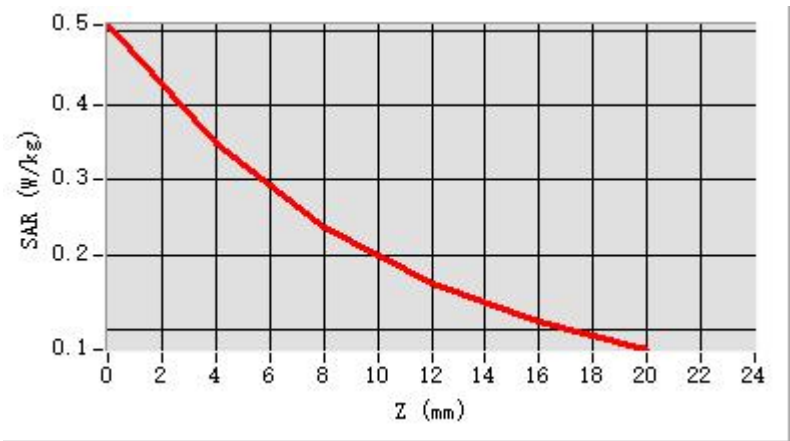
Maximum location: X=0.00, Y=0.00 ; SAR Peak: 0.51 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.177
SAR 1g (W/Kg)	0.318
Variation (%)	4.230
Horizontal validation criteria: minimum distance (mm)	14.142136
Vertical validation criteria: SAR ratio M2/M1 (%)	42.145821

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.507	0.349	0.238	0.162	0.111



MEASUREMENT 4

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

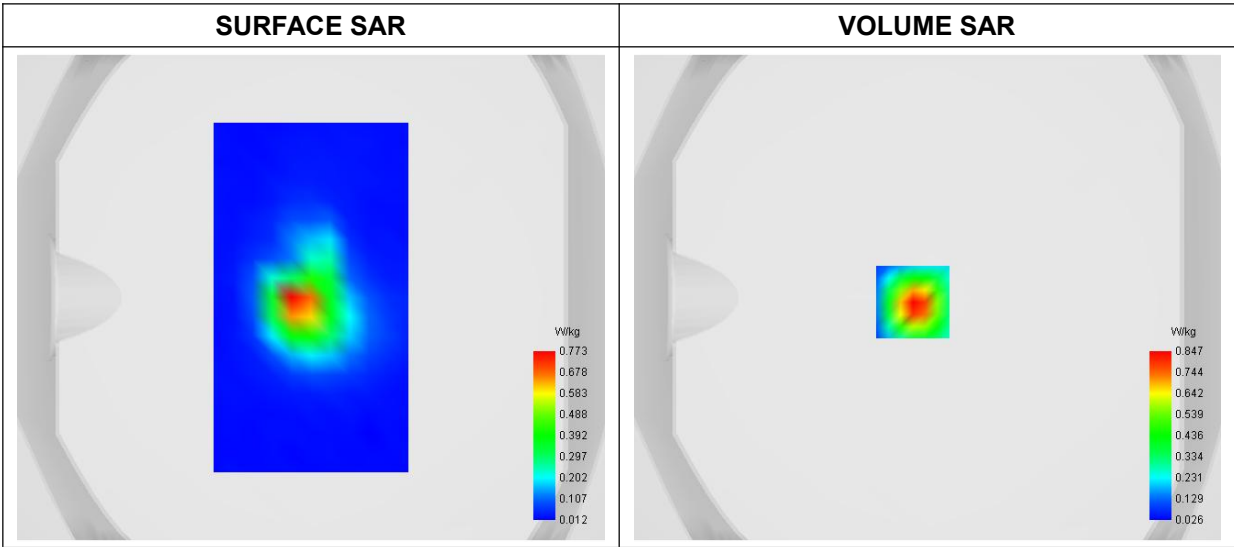
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	WCDMA1700_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1732.400000
Relative Permittivity (real part)	39.190124
Conductivity (S/m)	1.363869
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



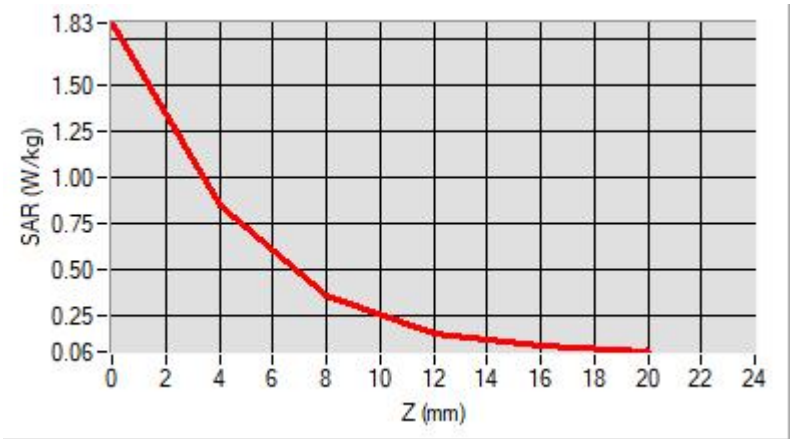
Maximum location: X=-6.00, Y=-2.00 ; SAR Peak: 1.84 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.329
SAR 1g (W/Kg)	0.781
Variation (%)	-1.530
Horizontal validation criteria: minimum distance (mm)	12.113675
Vertical validation criteria: SAR ratio M2/M1 (%)	40.121758

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.834	0.847	0.360	0.158	0.087



MEASUREMENT 5

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

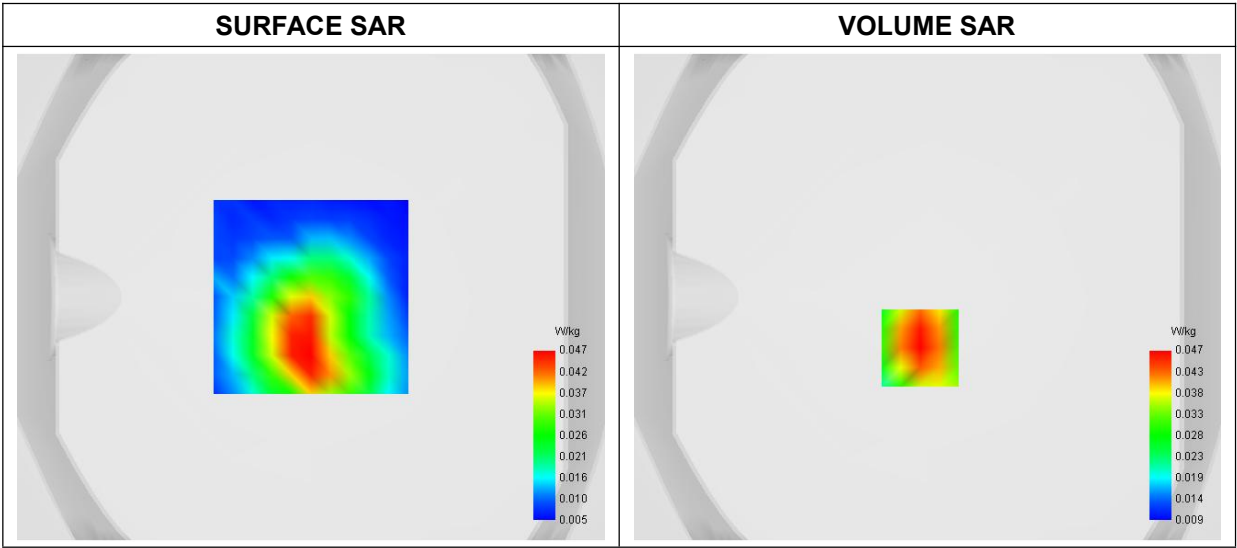
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	WCDMA850_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.200000
Relative Permittivity (real part)	41.171245
Conductivity (S/m)	0.881245
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



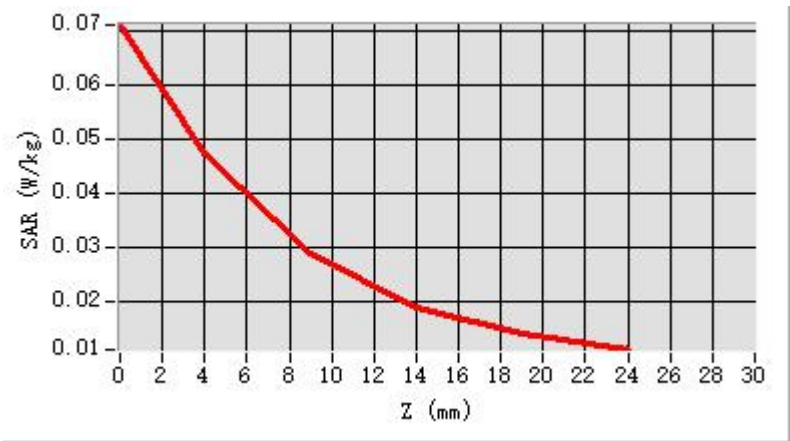
Maximum location: X=-3.00, Y=-21.00 ; SAR Peak: 0.07 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.026
SAR 1g (W/Kg)	0.045
Variation (%)	-2.320
Horizontal validation criteria: minimum distance (mm)	22.627417
Vertical validation criteria: SAR ratio M2/M1 (%)	45.124782

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.071	0.047	0.029	0.019	0.014



MEASUREMENT 6

Type: Measurement (Complete)
Date of measurement: 2026-04-03
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

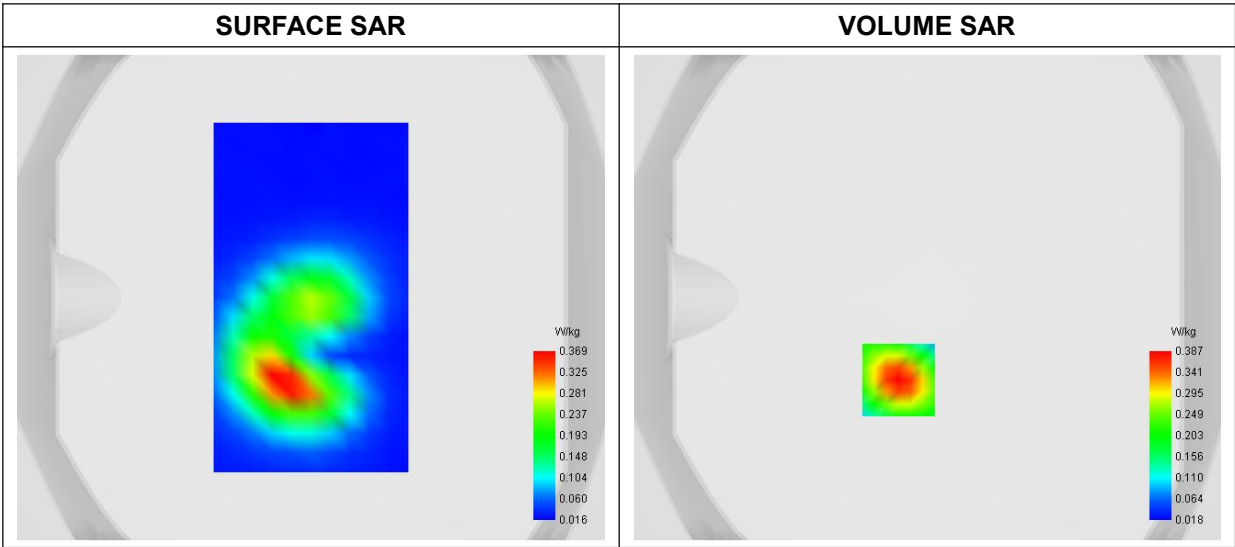
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB,High
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1900.000000
Relative Permittivity (real part)	41.494124
Conductivity (S/m)	1.393698
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



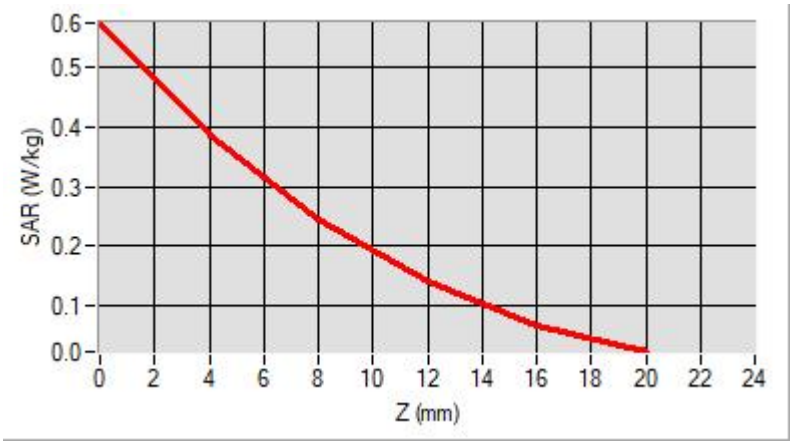
Maximum location: X=-12.00, Y=-34.00 ; SAR Peak: 0.58 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.181
SAR 1g (W/Kg)	0.349
Variation (%)	-4.740
Horizontal validation criteria: minimum distance (mm)	23.647147
Vertical validation criteria: SAR ratio M2/M1 (%)	46.148754

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	0.576	0.387	0.244	0.138	0.066



MEASUREMENT 7

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

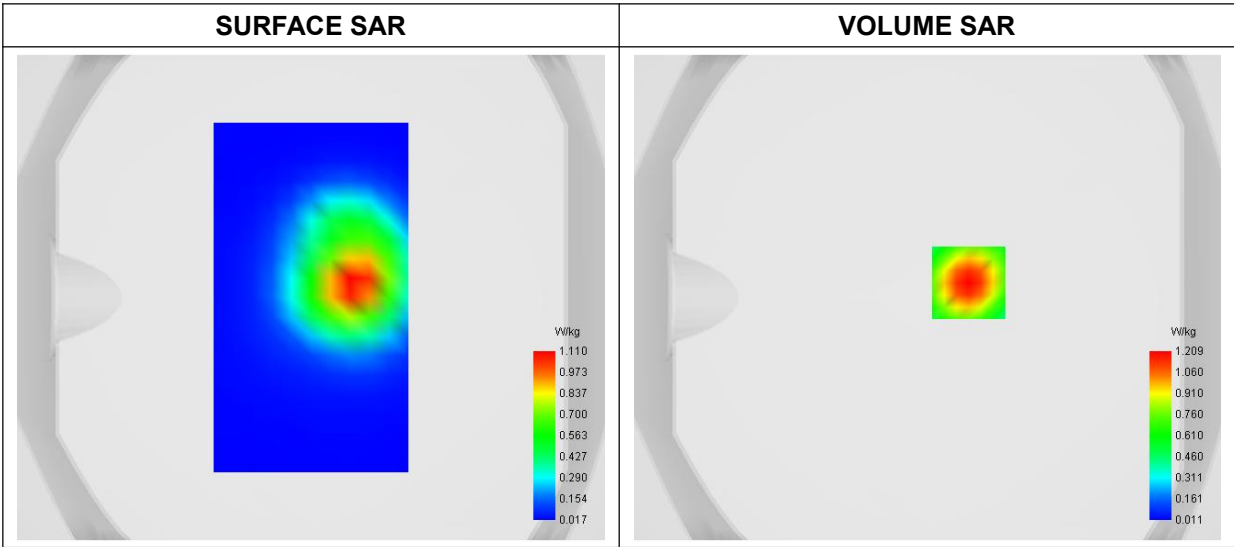
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1745.000000
Relative Permittivity (real part)	39.201248
Conductivity (S/m)	1.373698
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



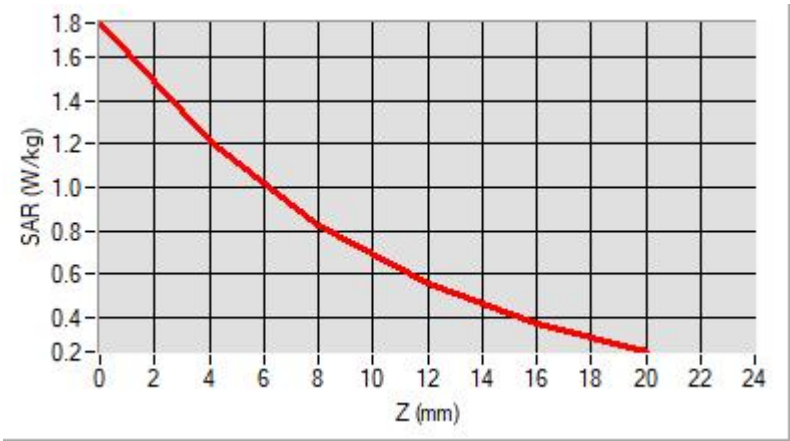
Maximum location: X=17.00, Y=6.00 ; SAR Peak: 1.76 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.639
SAR 1g (W/Kg)	1.113
Variation (%)	-4.680
Horizontal validation criteria: minimum distance (mm)	14.136785
Vertical validation criteria: SAR ratio M2/M1 (%)	44.116756

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	1.762	1.209	0.819	0.552	0.370



MEASUREMENT 8

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 23 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

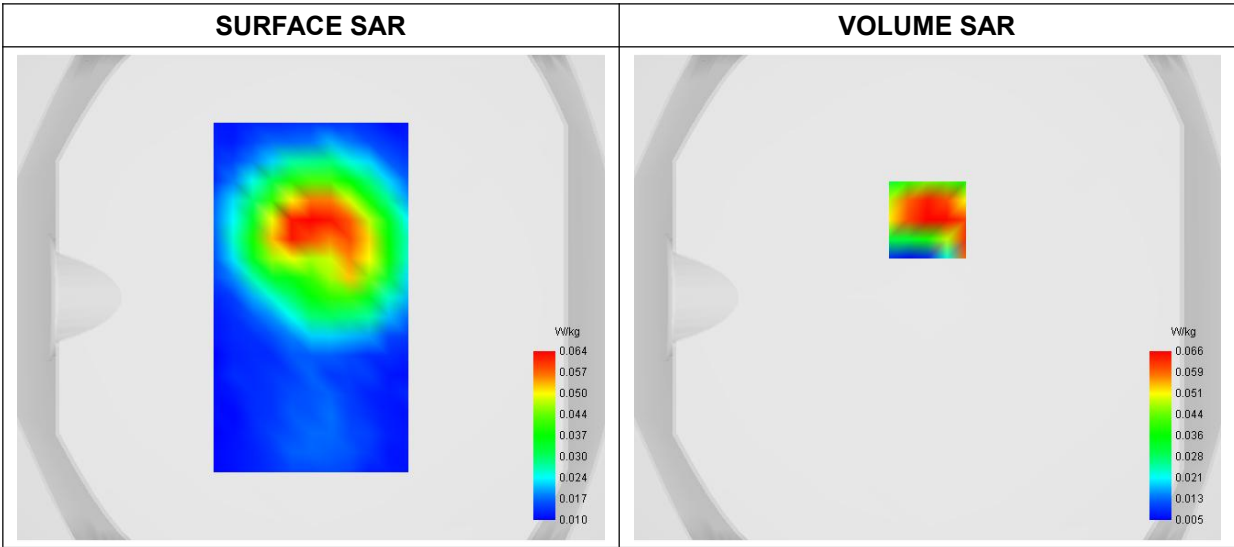
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	829.000000
Relative Permittivity (real part)	41.164895
Conductivity (S/m)	0.881258
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



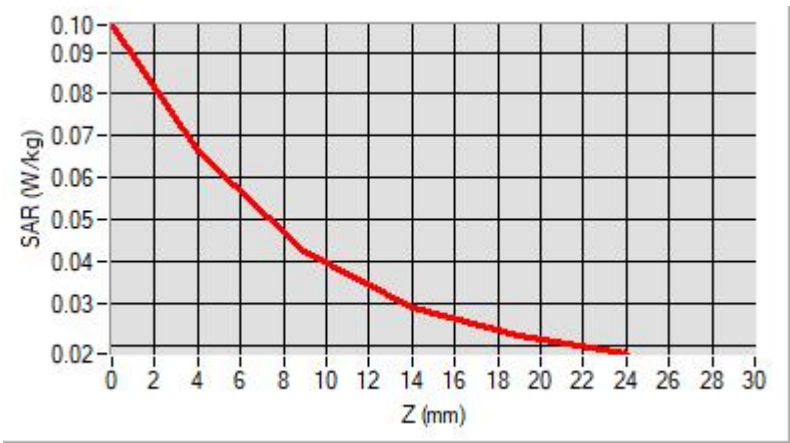
Maximum location: X=0.00, Y=32.00 ; SAR Peak: 0.11 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.044
SAR 1g (W/Kg)	0.066
Variation (%)	-2.210
Horizontal validation criteria: minimum distance (mm)	12.400147
Vertical validation criteria: SAR ratio M2/M1 (%)	41.500254

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.096	0.066	0.042	0.029	0.022



MEASUREMENT 9

Type: Measurement (Complete)
Date of measurement: 2026-04-08
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

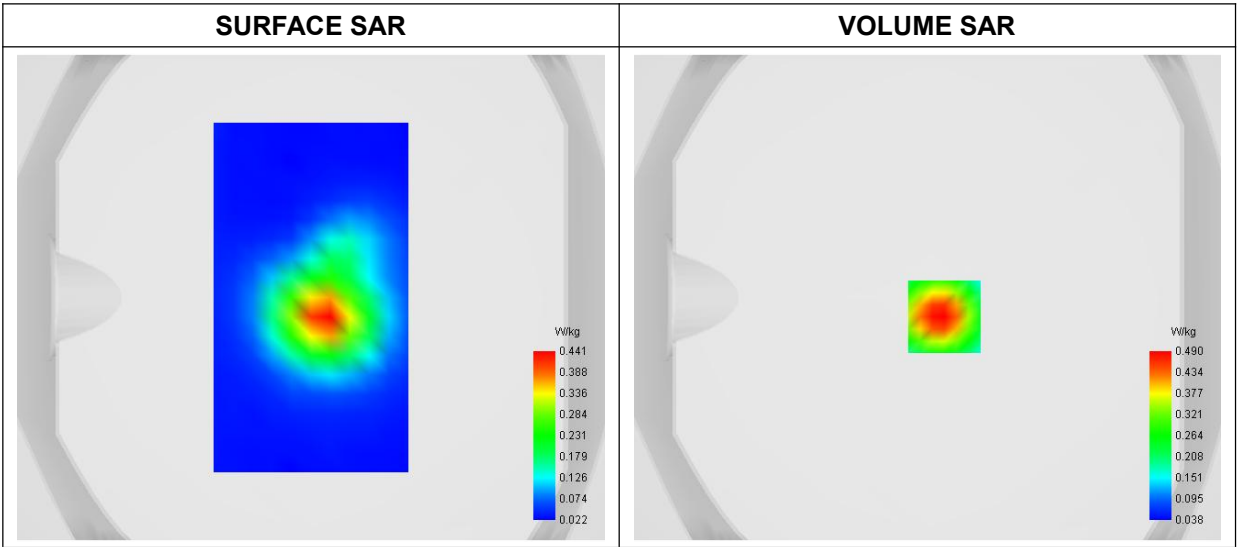
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2510.000000
Relative Permittivity (real part)	38.201928
Conductivity (S/m)	1.934182
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



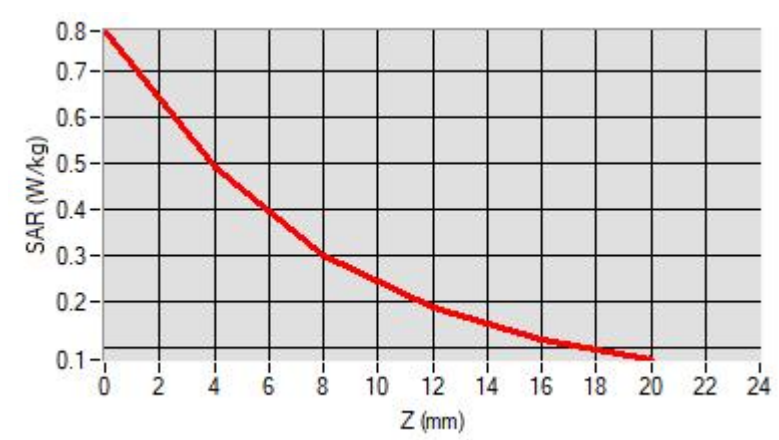
Maximum location: X=7.00, Y=-8.00 ; SAR Peak: 0.79 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.242
SAR 1g (W/Kg)	0.456
Variation (%)	4.900
Horizontal validation criteria: minimum distance (mm)	13.418785
Vertical validation criteria: SAR ratio M2/M1 (%)	41.890258

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00
SAR (W/Kg)	0.788	0.490	0.300	0.185	0.117	0.075



MEASUREMENT 10

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 11 minutes 23 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

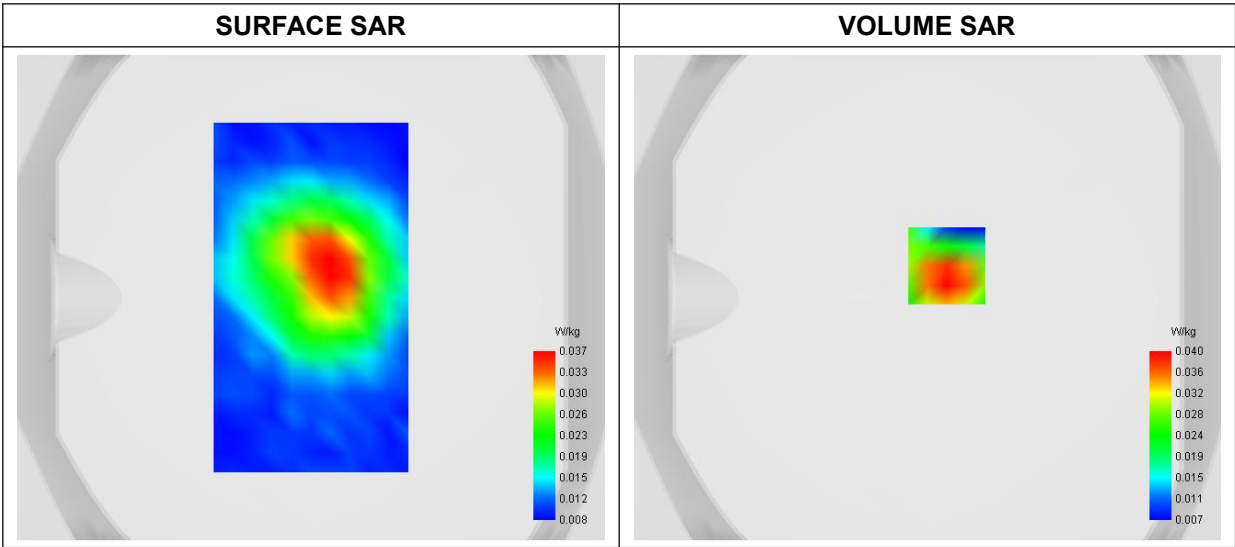
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 12
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	41.402245
Conductivity (S/m)	0.881245
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



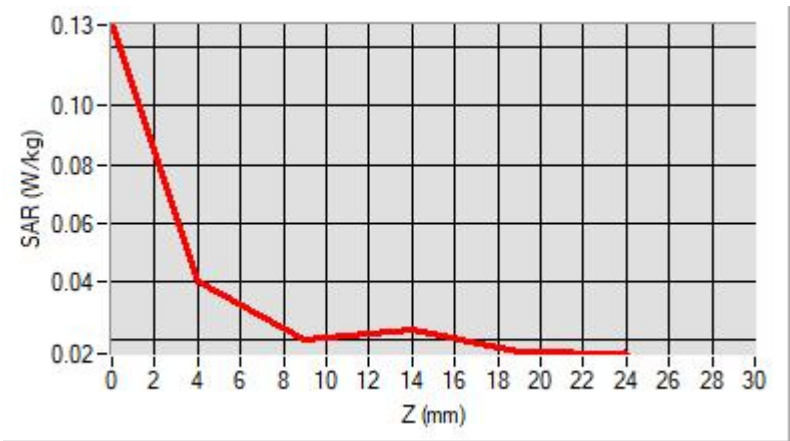
Maximum location: X=8.00, Y=13.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.036
SAR 1g (W/Kg)	0.052
Variation (%)	-0.620
Horizontal validation criteria: minimum distance (mm)	13.264758
Vertical validation criteria: SAR ratio M2/M1 (%)	42.914256

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.128	0.043	0.021	0.024	0.016



MEASUREMENT 11

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

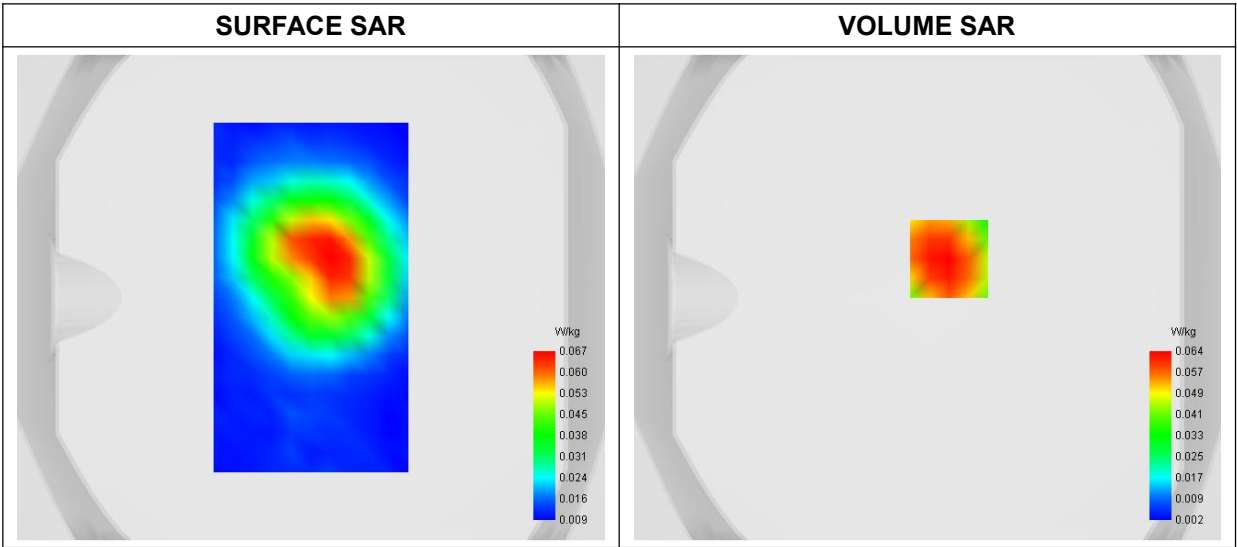
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	41.352245
Conductivity (S/m)	0.862456
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



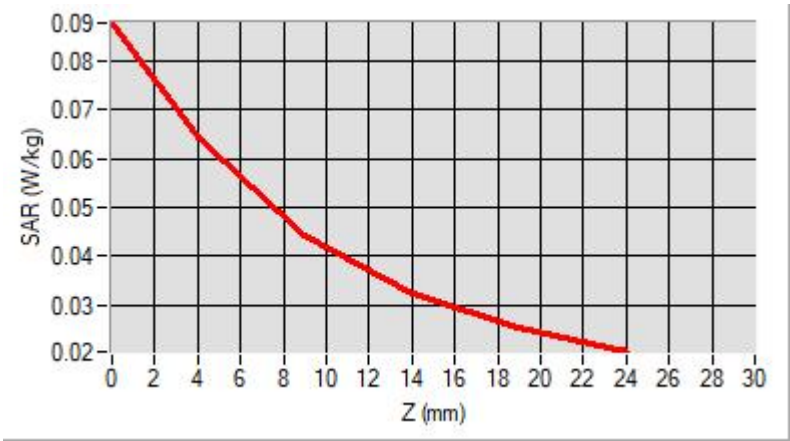
Maximum location: X=9.00, Y=16.00 ; SAR Peak: 0.17 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.046
SAR 1g (W/Kg)	0.073
Variation (%)	-4.050
Horizontal validation criteria: minimum distance (mm)	12.622785
Vertical validation criteria: SAR ratio M2/M1 (%)	43.896789

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.088	0.064	0.044	0.032	0.025



MEASUREMENT 12

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 12 minutes 3 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

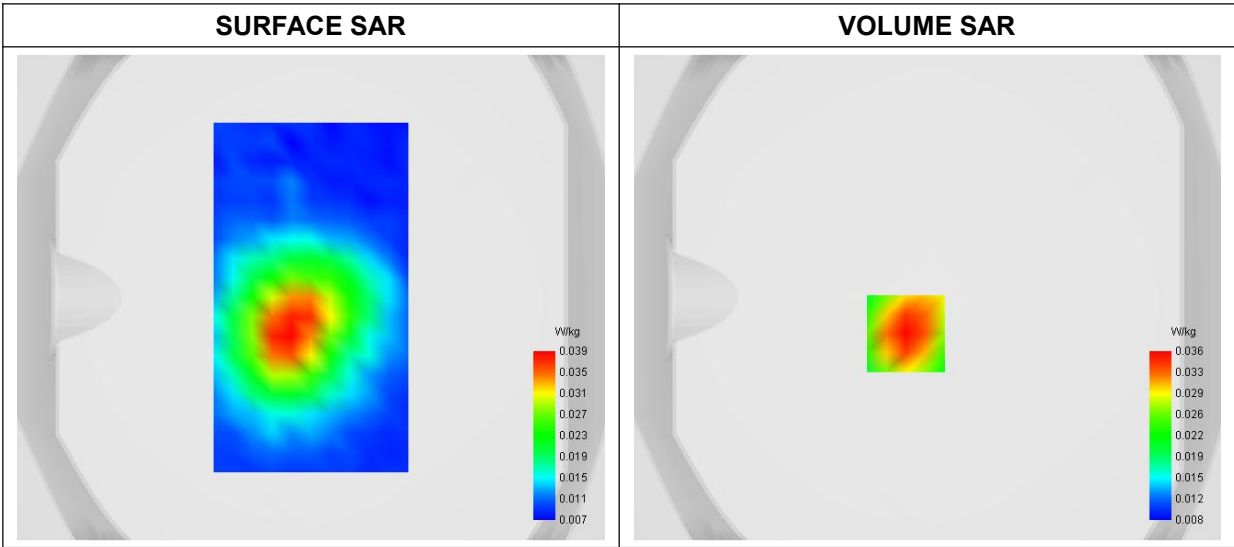
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Front(Near to Mouth)
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	41.402245
Conductivity (S/m)	0.881245
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



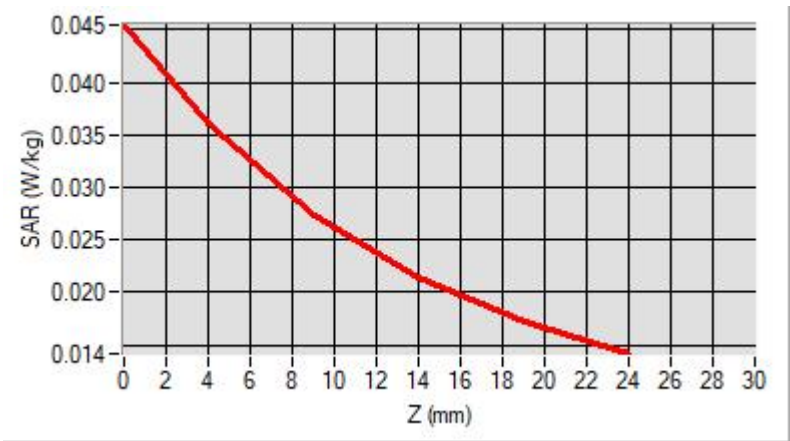
Maximum location: X=-9.00, Y=-15.00 ; SAR Peak: 0.05 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.029
SAR 1g (W/Kg)	0.045
Variation (%)	-4.850
Horizontal validation criteria: minimum distance (mm)	13.152758
Vertical validation criteria: SAR ratio M2/M1 (%)	45.913741

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.049	0.038	0.028	0.022	0.018



MEASUREMENT 13

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

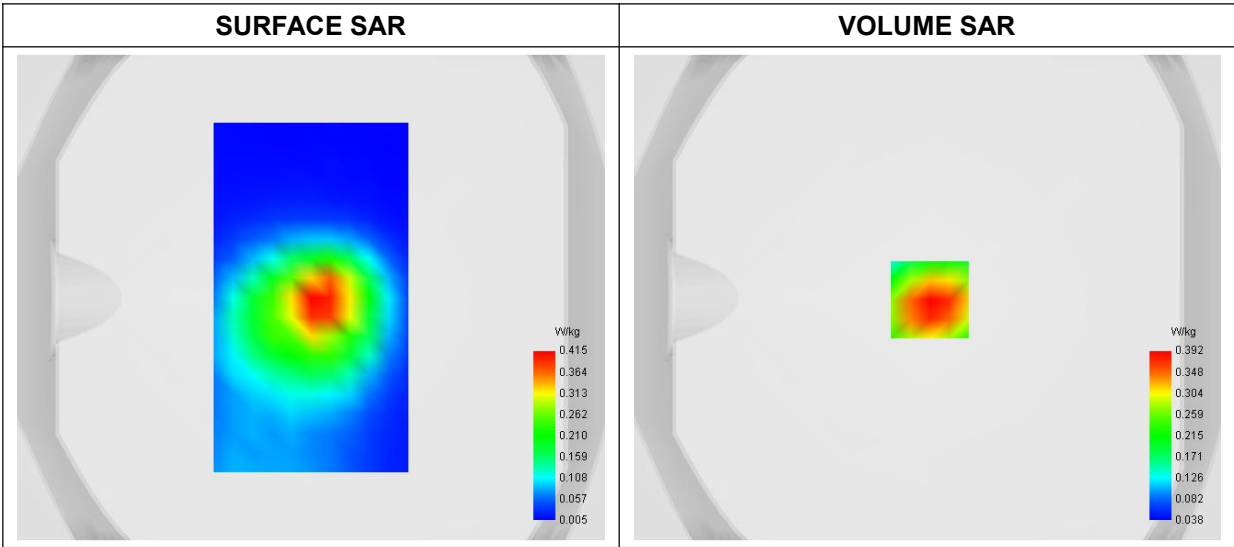
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	GPRS850_4TX
Channels	High
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

Frequency (MHz)	848.800000
Relative Permittivity (real part)	41.182458
Conductivity (S/m)	0.882458
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



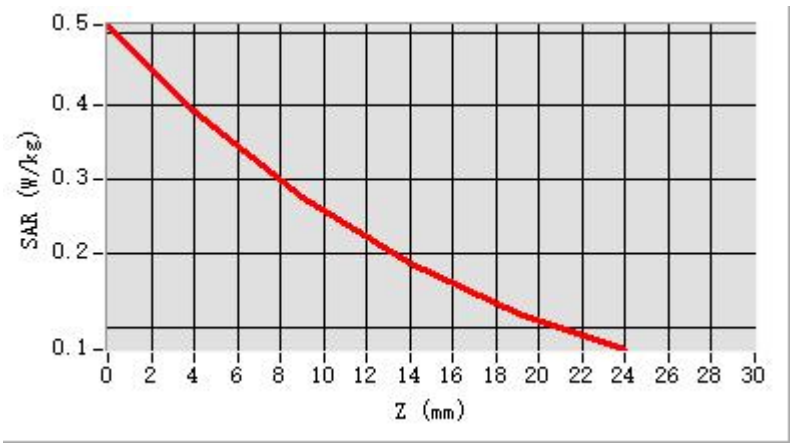
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 0.52 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.239
SAR 1g (W/Kg)	0.374
Variation (%)	-0.570
Horizontal validation criteria: minimum distance (mm)	17.888544
Vertical validation criteria: SAR ratio M2/M1 (%)	46.400758

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.510	0.392	0.276	0.187	0.120



MEASUREMENT 14

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

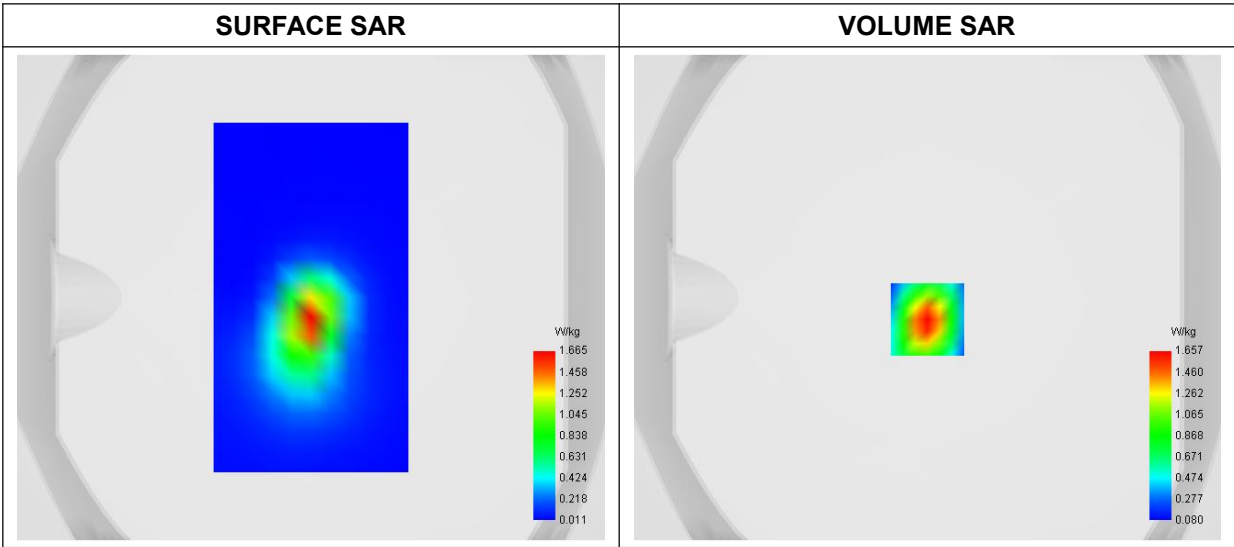
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	GPRS1900_4TX
Channels	Middle
Signal	Duty Cycle: 1:2

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.261965
Conductivity (S/m)	1.382584
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



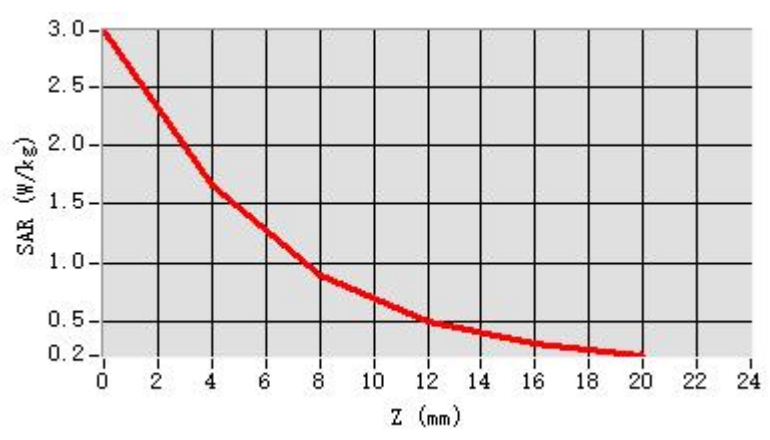
Maximum location: X=0.00, Y=-9.00 ; SAR Peak: 2.98 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.705
SAR 1g (W/Kg)	1.489
Variation (%)	0.800
Horizontal validation criteria: minimum distance (mm)	11.180340
Vertical validation criteria: SAR ratio M2/M1 (%)	41.029752

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	2.978	1.657	0.900	0.507	0.316



MEASUREMENT 15

Type: Measurement (Complete)
Date of measurement: 2026-04-03
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

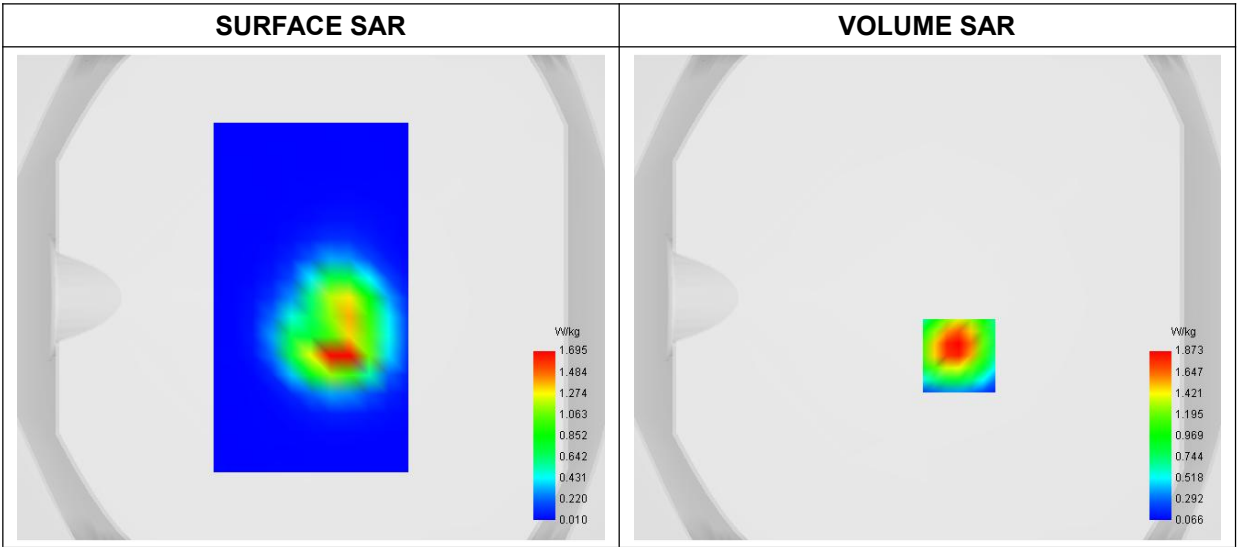
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA1900_RMC
Channels	High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1907.600000
Relative Permittivity (real part)	41.494545
Conductivity (S/m)	1.392584
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



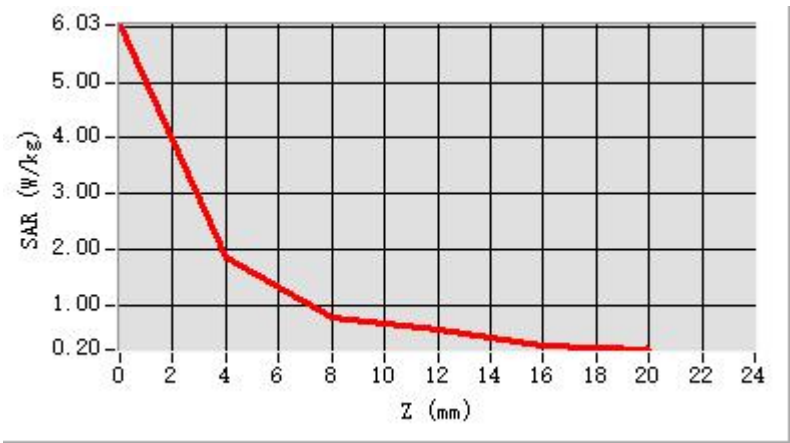
Maximum location: X=13.00, Y=-24.00 ; SAR Peak: 3.37 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.816
SAR 1g (W/Kg)	1.735
Variation (%)	3.030758
Horizontal validation criteria: minimum distance (mm)	43.612141
Vertical validation criteria: SAR ratio M2/M1 (%)	larger than edge zoom scan volume

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	6.030	1.873	0.791	0.576	0.277



MEASUREMENT 16

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

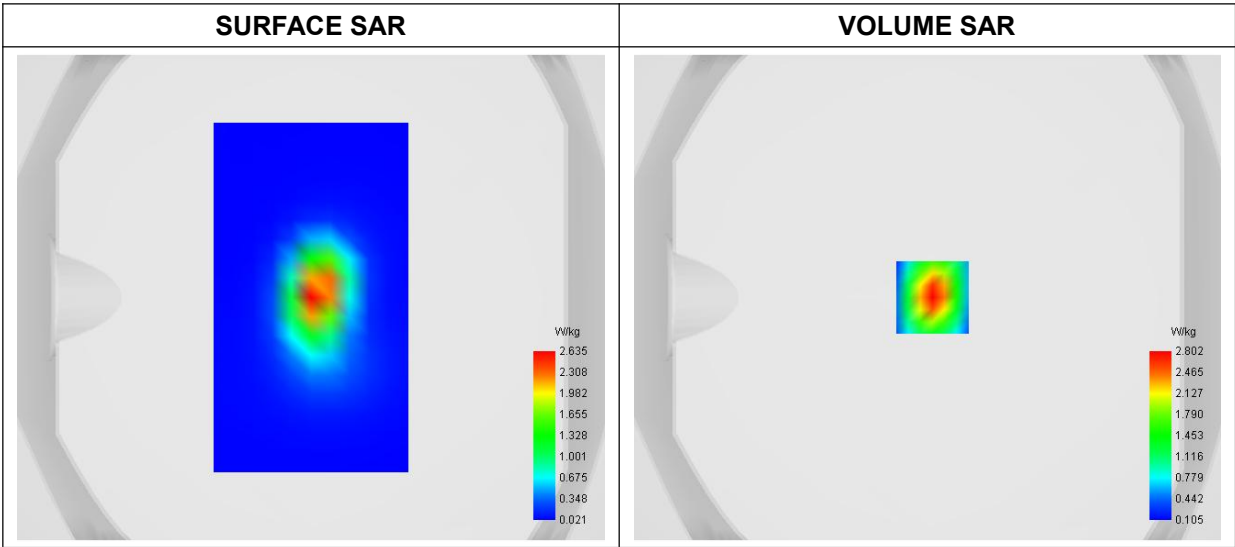
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA1700_RMC
Channels	Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	1712.400000
Relative Permittivity (real part)	39.171965
Conductivity (S/m)	1.362584
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



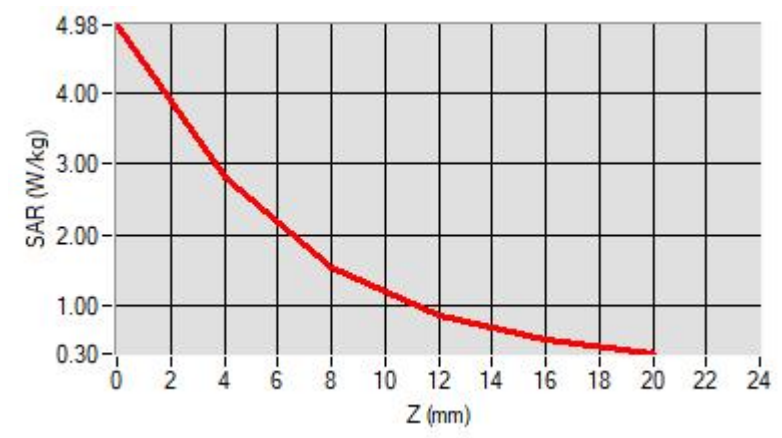
Maximum location: X=2.00, Y=0.00 ; SAR Peak: 4.98 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.146
SAR 1g (W/Kg)	2.502
Variation (%)	-0.030
Horizontal validation criteria: minimum distance (mm)	13.062145
Vertical validation criteria: SAR ratio M2/M1 (%)	43.401752

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	4.979	2.802	1.531	0.851	0.506



MEASUREMENT 17

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

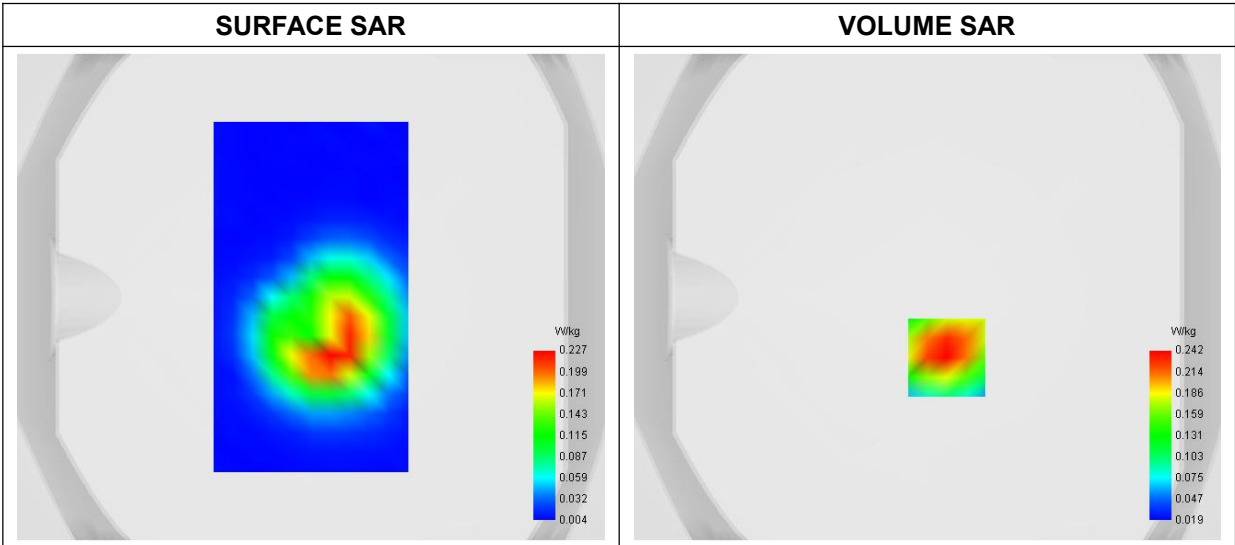
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	WCDMA850_RMC
Channels	Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	836.200000
Relative Permittivity (real part)	41.171245
Conductivity (S/m)	0.881245
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



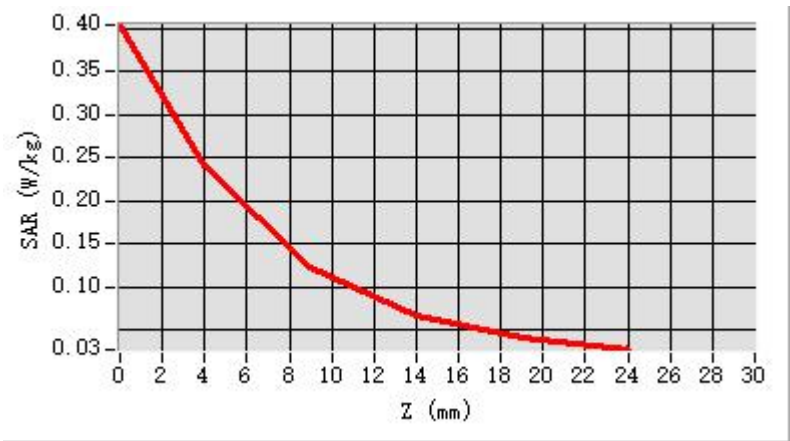
Maximum location: X=8.00, Y=-25.00 ; SAR Peak: 0.41 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.119
SAR 1g (W/Kg)	0.232
Variation (%)	2.500
Horizontal validation criteria: minimum distance (mm)	16.000000
Vertical validation criteria: SAR ratio M2/M1 (%)	44.500758

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.404	0.242	0.124	0.067	0.041



MEASUREMENT 18

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

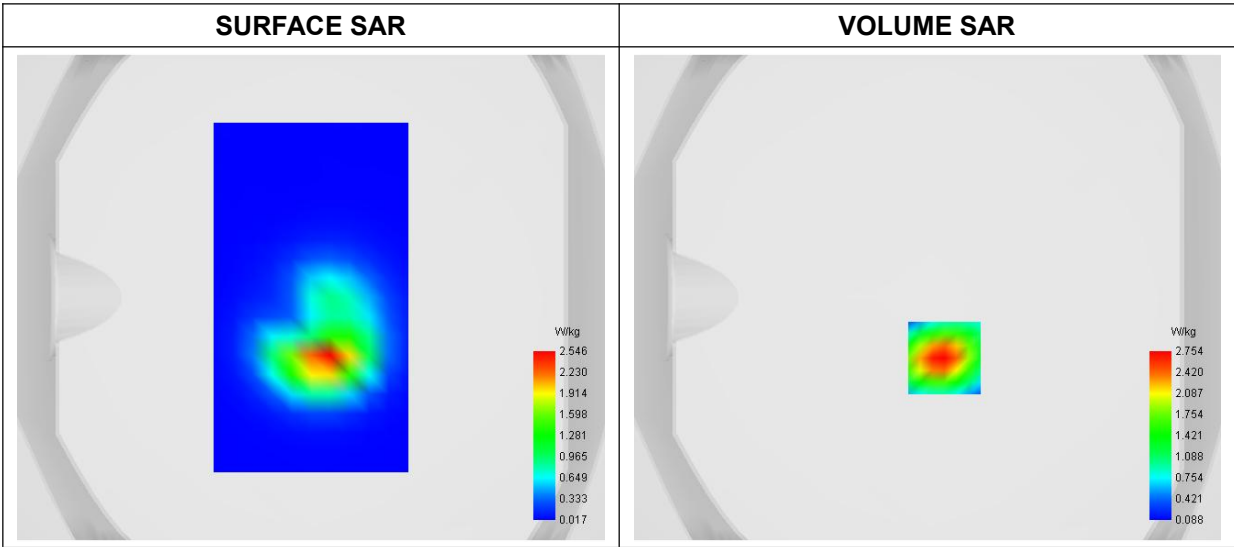
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 2
Channels	QPSK, 20MHz, 1RB,Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1880.000000
Relative Permittivity (real part)	39.261965
Conductivity (S/m)	1.382584
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



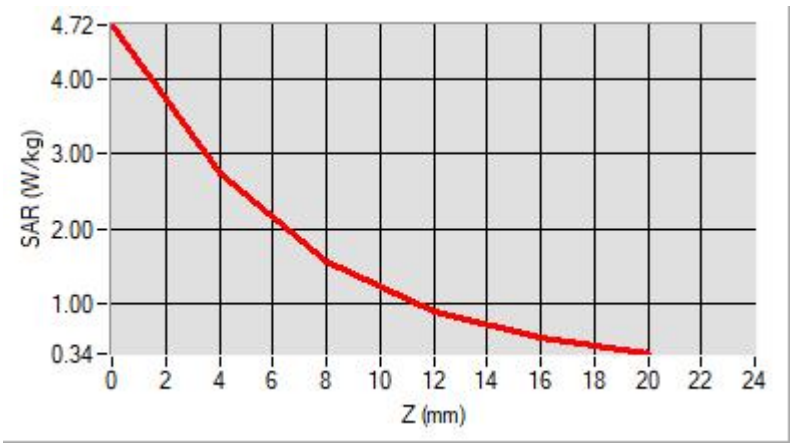
Maximum location: X=7.00, Y=-25.00 ; SAR Peak: 4.75 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.212
SAR 1g (W/Kg)	2.494
Variation (%)	4.460
Horizontal validation criteria: minimum distance (mm)	13.408125
Vertical validation criteria: SAR ratio M2/M1 (%)	43.400789

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	4.720	2.754	1.569	0.907	0.552



MEASUREMENT 19

Type: Measurement (Complete)
Date of measurement: 2026-04-02
Measurement duration: 12 minutes 48 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.37; Calibrated: 2026-01-09

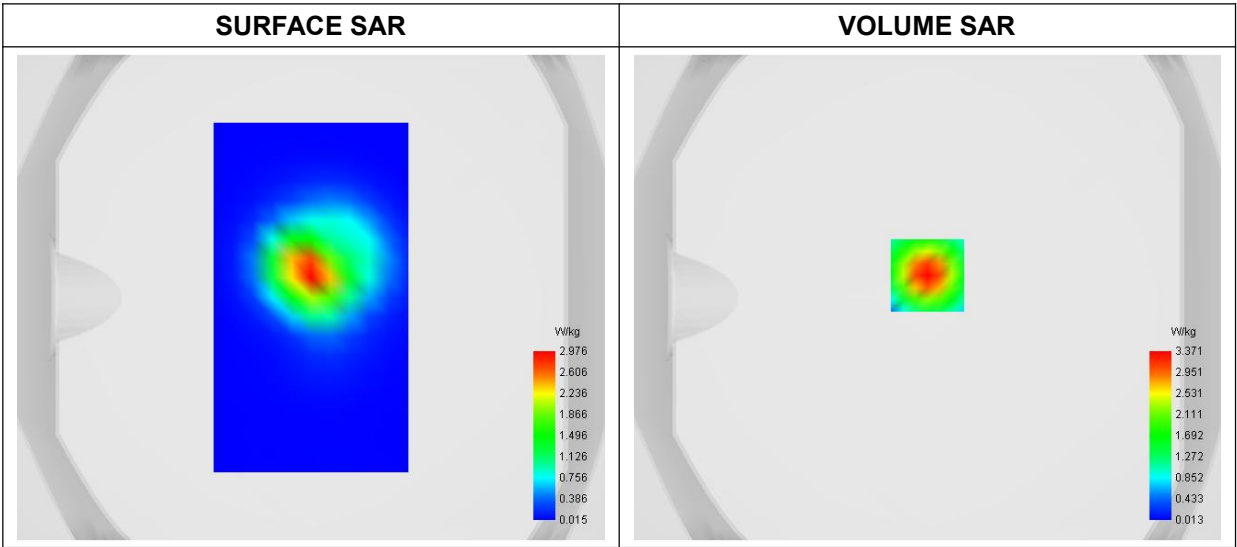
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 4
Channels	QPSK, 20MHz, 1RB, Middle
Signal	Duty Cycle: 1:1

B. SAR Measurement Results

Frequency (MHz)	1745.00000
Relative Permittivity (real part)	39.201248
Conductivity (S/m)	1.373698
Ambient Temperature	23.0
Liquid Temperature	23.0

C. SAR Surface and Volume



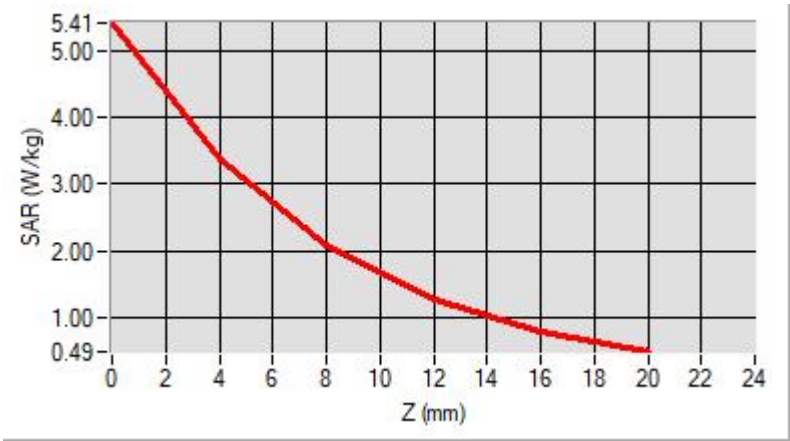
Maximum location: X=0.00, Y=9.00 ; SAR Peak: 5.41 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	1.528
SAR 1g (W/Kg)	3.040
Variation (%)	-5.850
Horizontal validation criteria: minimum distance (mm)	14.136758
Vertical validation criteria: SAR ratio M2/M1 (%)	45.361758

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00
SAR (W/Kg)	5.405	3.371	2.065	1.271	0.800



MEASUREMENT 20

Type: Measurement (Complete)
Date of measurement: 2026-03-30
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.28; Calibrated: 2026-01-09

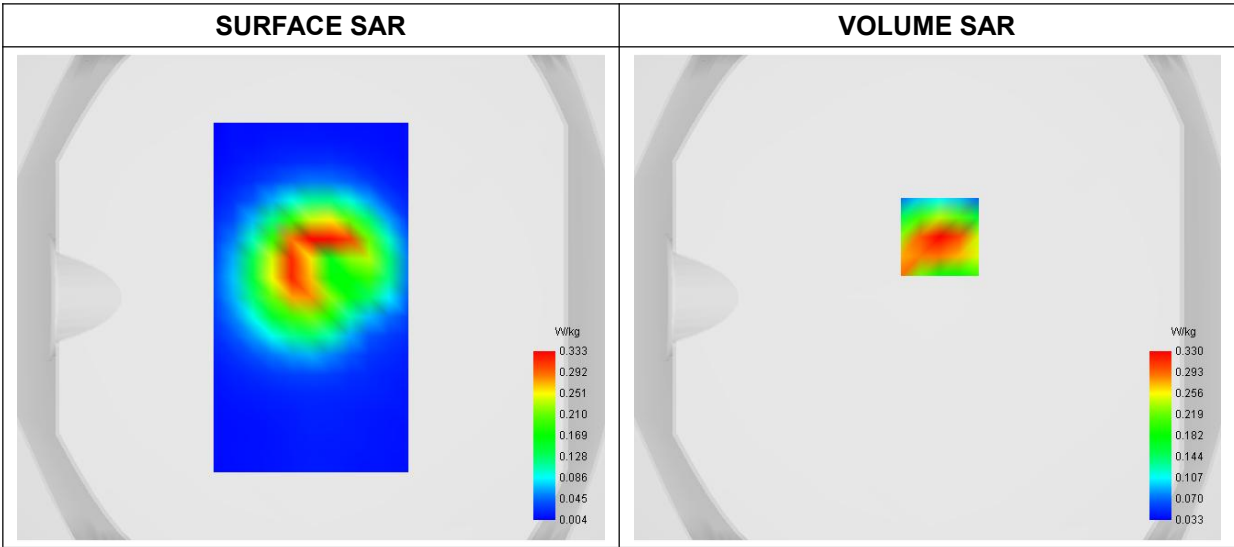
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 5
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	829.000000
Relative Permittivity (real part)	41.164895
Conductivity (S/m)	0.881258
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



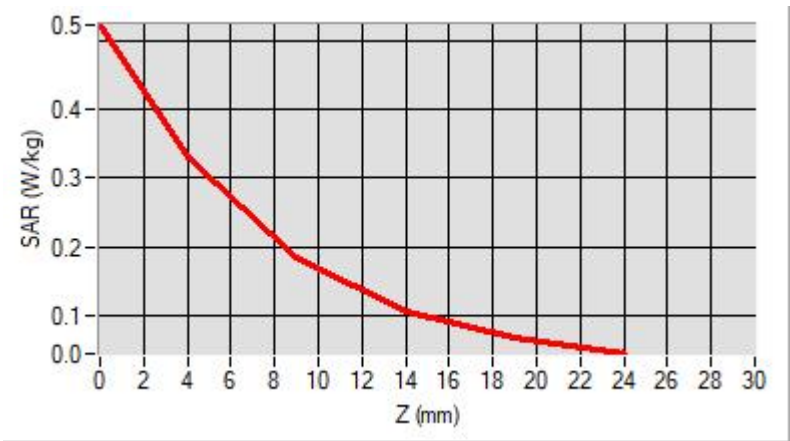
Maximum location: X=5.00, Y=25.00 ; SAR Peak: 0.53 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.173
SAR 1g (W/Kg)	0.310
Variation (%)	4.640
Horizontal validation criteria: minimum distance (mm)	14.400758
Vertical validation criteria: SAR ratio M2/M1 (%)	46.902154

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.522	0.330	0.183	0.106	0.067



MEASUREMENT 21

Type: Measurement (Complete)
Date of measurement: 2026-04-08
Measurement duration: 12 minutes 32 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.50; Calibrated: 2026-01-09

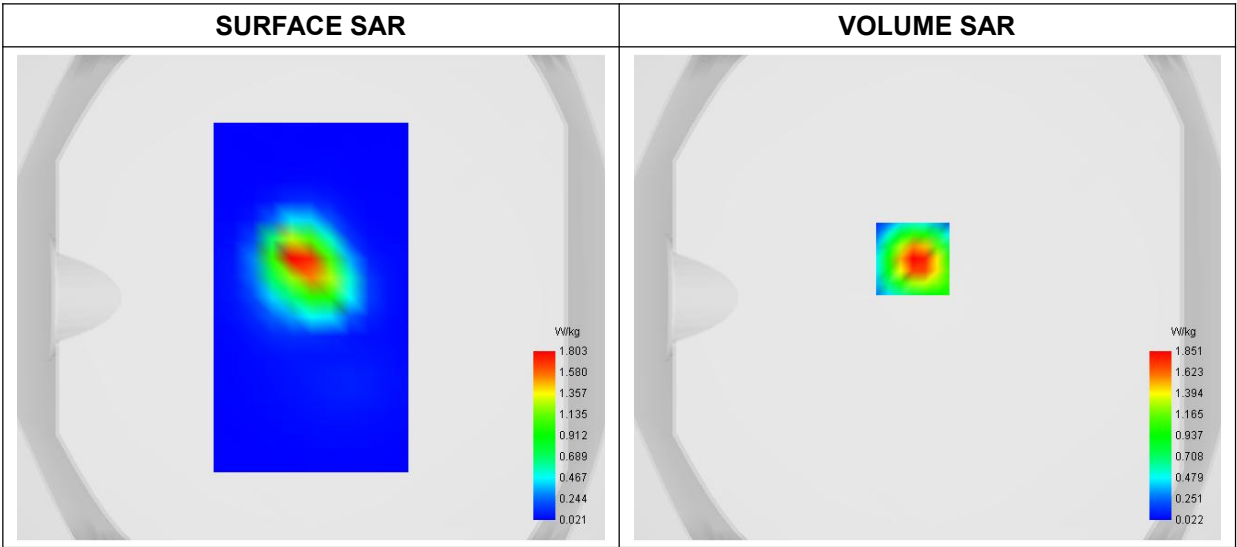
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=5mm dy=5mm dz=4mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 7
Channels	QPSK, 20MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	2510.000000
Relative Permittivity (real part)	38.201928
Conductivity (S/m)	1.934182
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



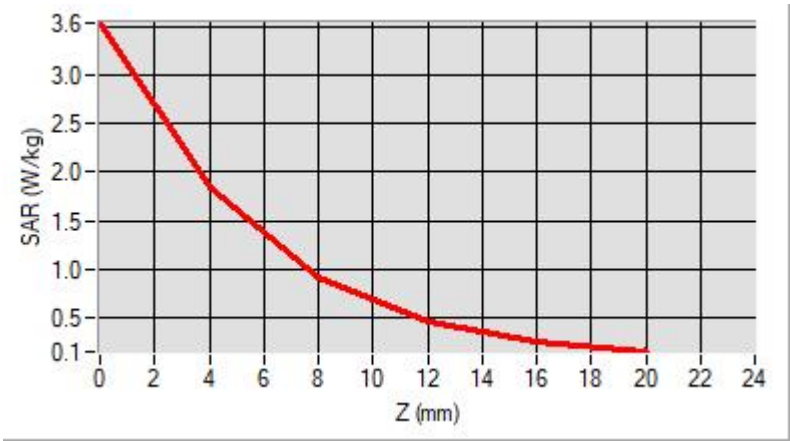
Maximum location: X=-6.00, Y=16.00 ; SAR Peak: 3.58 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.751
SAR 1g (W/Kg)	1.700
Variation (%)	-85.070
Horizontal validation criteria: minimum distance (mm)	13.418782
Vertical validation criteria: SAR ratio M2/M1 (%)	42.890147

E. Z Axis Scan

Z (mm)	0.00	4.00	8.00	12.00	16.00	20.00
SAR (W/Kg)	3.551	1.851	0.917	0.456	0.246	0.123



MEASUREMENT 22

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

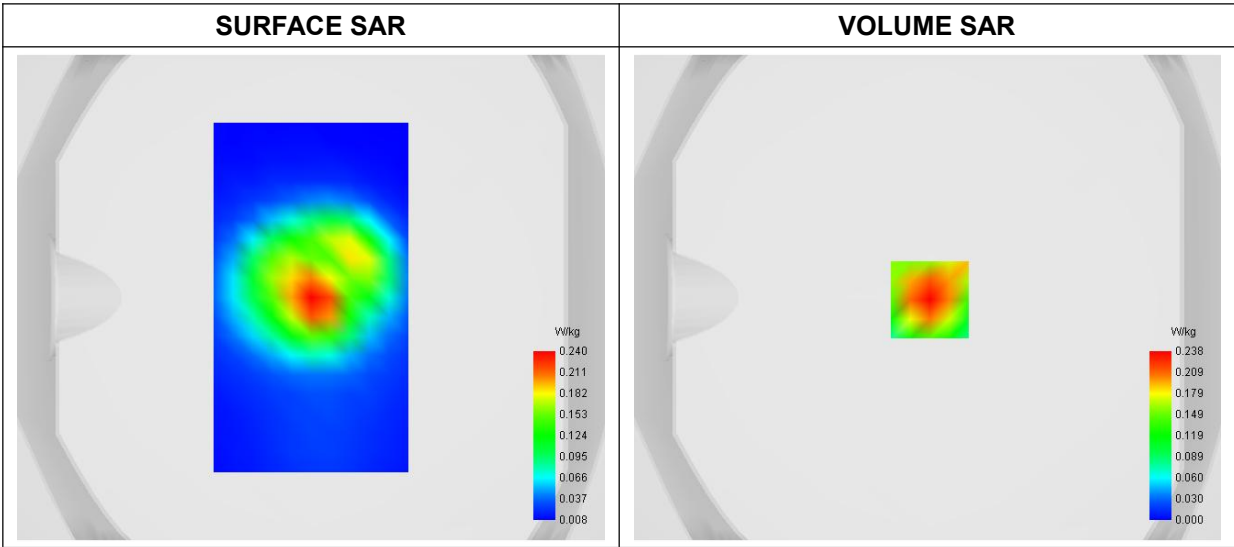
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 12
Channels	QPSK, 10MHz, 1RB, High
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	711.000000
Relative Permittivity (real part)	41.402245
Conductivity (S/m)	0.881245
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



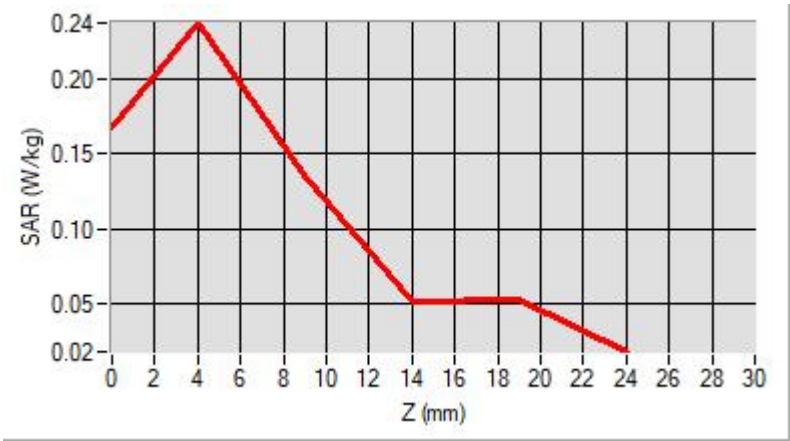
Maximum location: X=1.00, Y=-1.00 ; SAR Peak: 0.48 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.142
SAR 1g (W/Kg)	0.243
Variation (%)	-0.810
Horizontal validation criteria: minimum distance (mm)	23.421752
Vertical validation criteria: SAR ratio M2/M1 (%)	42.145916

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.168	0.238	0.136	0.051	0.052



MEASUREMENT 23

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

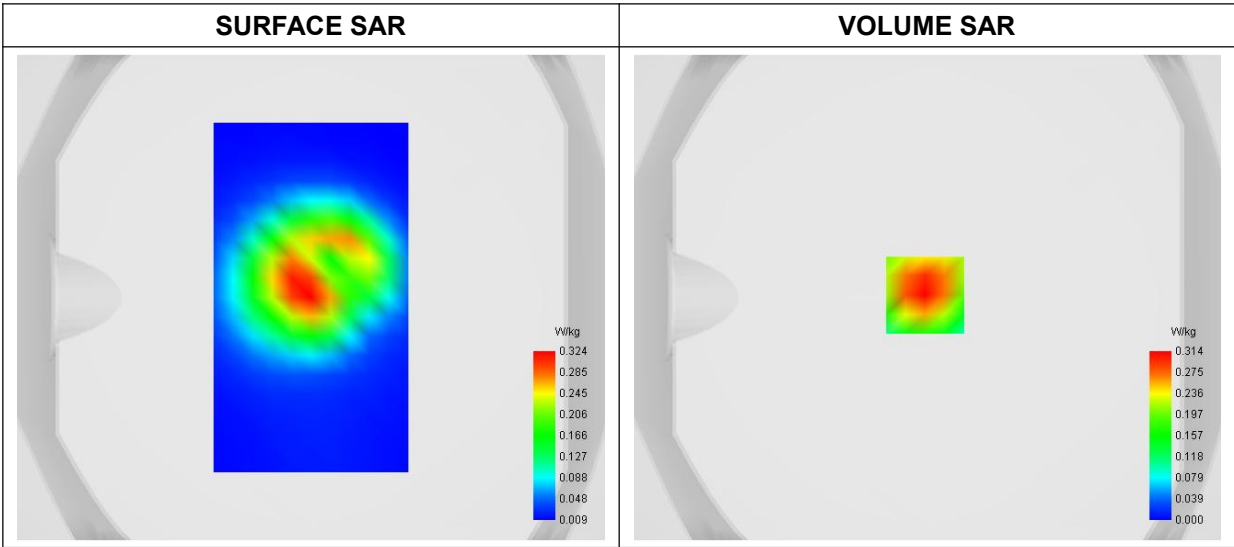
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 13
Channels	QPSK, 10MHz, 1RB, Middle
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	782.000000
Relative Permittivity (real part)	41.352245
Conductivity (S/m)	0.862456
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



Maximum location: X=-1.00, Y=1.00 ; SAR Peak: 0.67 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.180
SAR 1g (W/Kg)	0.326
Variation (%)	-2.060
Horizontal validation criteria: minimum distance (mm)	12.622
Vertical validation criteria: SAR ratio M2/M1 (%)	41.749896

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.220	0.314	0.179	0.056	0.048



MEASUREMENT 24

Type: Measurement (Complete)
Date of measurement: 2026-04-07
Measurement duration: 11 minutes 13 seconds
E-field Probe: SSE2 - 3823-EPGO-435; ConvF: 1.27; Calibrated: 2026-01-09

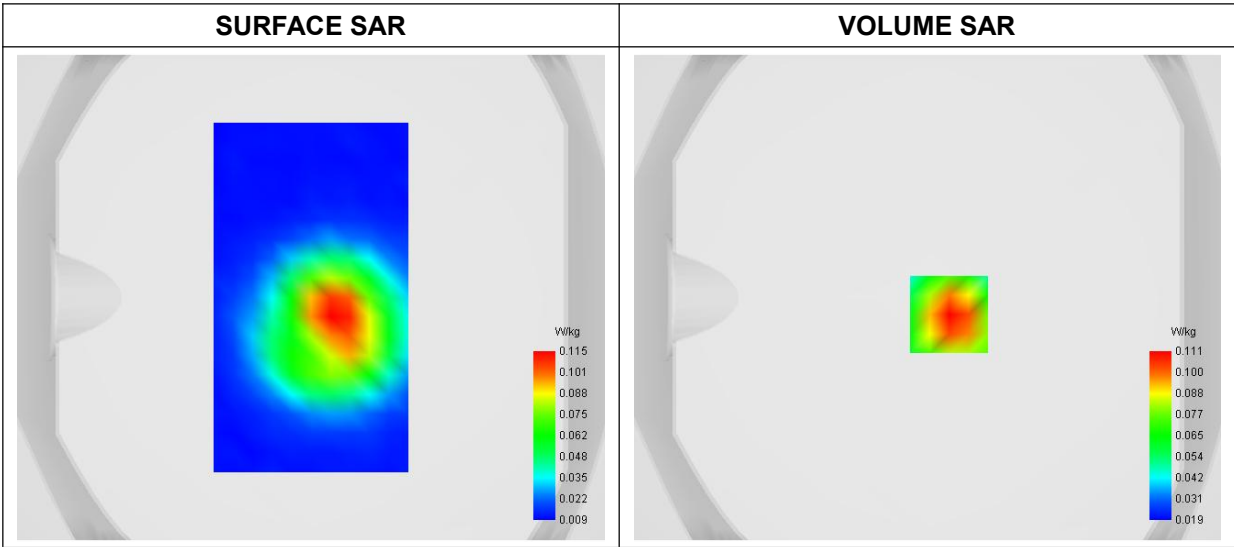
A. Experimental conditions

Area Scan	dx=8mm dy=8mm
Zoom Scan	dx=8mm dy=8mm dz=5mm
Phantom	Flat Plane
Device Position	Back
Band	LTE Band 17
Channels	QPSK, 10MHz, 1RB, Low
Signal	Duty Cycle 1:1

B. SAR Measurement Results

Frequency (MHz)	709.000000
Relative Permittivity (real part)	41.404068
Conductivity (S/m)	0.881496
Ambient Temperature	23.2
Liquid Temperature	23.2

C. SAR Surface and Volume



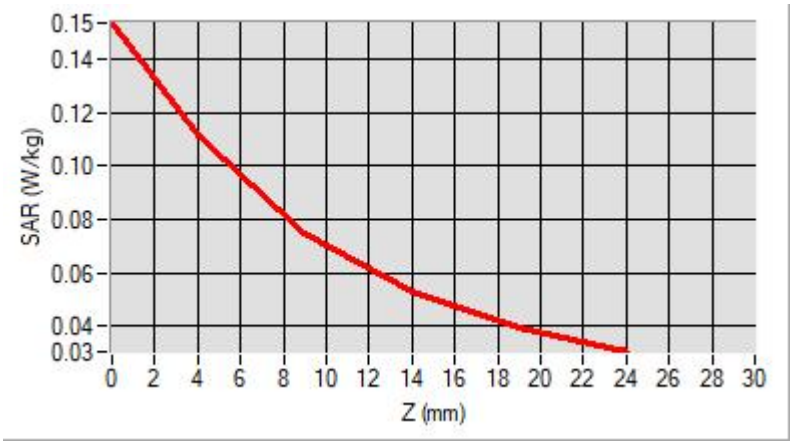
Maximum location: X=9.00, Y=-7.00 ; SAR Peak: 0.15 W/kg

D. SAR 1g & 10g

SAR 10g (W/Kg)	0.069
SAR 1g (W/Kg)	0.107
Variation (%)	-4.460
Horizontal validation criteria: minimum distance (mm)	13.152
Vertical validation criteria: SAR ratio M2/M1 (%)	42.113.913

E. Z Axis Scan

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR (W/Kg)	0.153	0.111	0.075	0.053	0.040

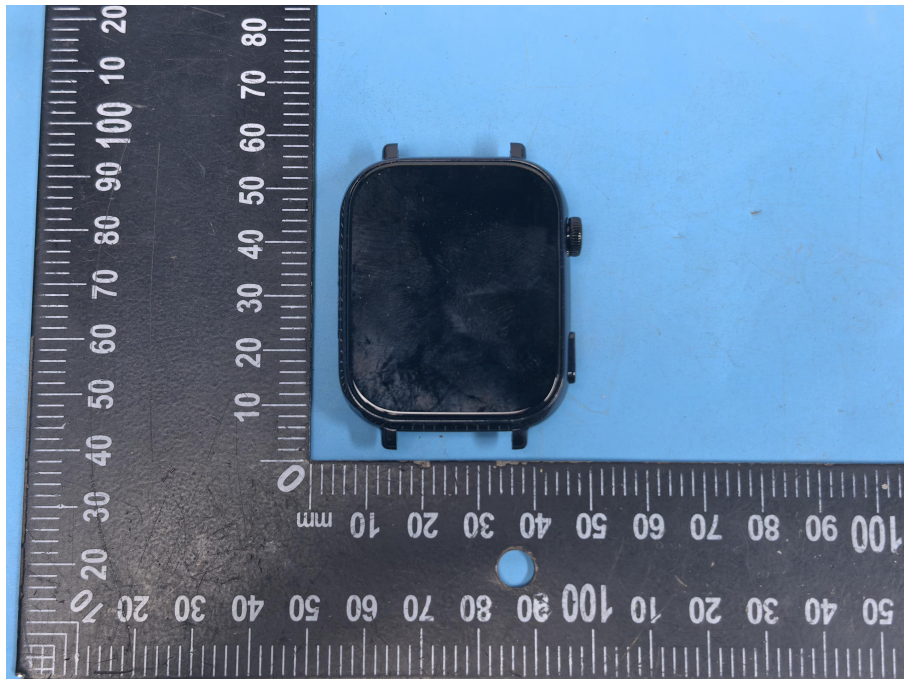


Annex C. EUT Photos

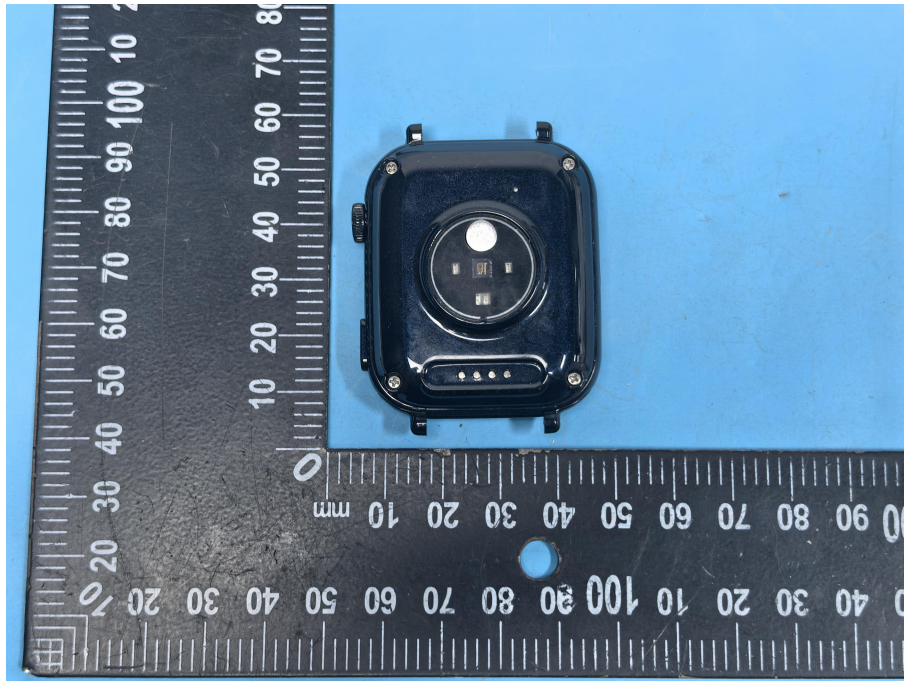
EUT View 1



EUT View 2



EUT View 3



EUT Housing and Board View 1

