

SAR TEST REPORT

Report No.:	20240917G18514X-W2
Product Name:	Monocular
Model Name:	DBH660
Trade Name:	RIX
FCC ID:	2A7ZZ-DBH-03
Applicant:	Visir Inc.
Address:	700 International Pkwy, Ste 102, Richardson, TX 75081
Test Date:	2024/10/13~2024/10/13
Issued by:	CCIC Southern Testing Co., Ltd.
Lab Location :	Electronic Testing Building, No.43, Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China
	Tel:86-755-26627338E-Mail:manager@ccic-set.com

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Test Report

Applicant:	Visir Inc.		
Applicant Address:	700 International Pkwy, Ste 102, Richardson, TX 75081		
Manufacturer:	Visir Inc.		
Manufacturer Address:	700 International Pkwy, Ste 102, Richardson, TX 75081		
Test Standards:	 FCC 47 CFR Part 2(2.1093): Radiofrequency Radiation Exposure Evaluation: Portable Devices ANSI C95.1–2019: Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz IEEE 1528–2013: IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques 		
Test Result:	Pass		
Tested by:			
	Carl Wei, Test Engineer		
Reviewed by:	Sun Jiaohui 2024-10-17		
	Sun Jiaohui, Senior Engineer		
Approved by:	Chris Jon 2024-10-17		
	Chris You, Manager		



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1. Administrative Data

1.1 Testing Laboratory

Test Site:	CCIC Southern Testing Co., Ltd.	
Address:	Electronic Testing Building, No.43, Shahe Road, Xili Street,	
Auuress:	Nanshan District, Shenzhen, Guangdong, China	
	CCIC-SET is a third party testing organization accredited by A2LA	
A2LA Lab Code:	according to ISO/IEC 17025:2017. The accreditation certificate number is	
	5721.01	
	CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered and	
FCC Registration:	fully described in a report filed with the FCC (Federal Communications	
rec registration:	Commission). The acceptance letter from the FCC is maintained in our	
	files. Designation Number: CN1283, valid time is until June.30, 2025.	
	CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by	
ISED Degistration.	Certification and Engineering Bureau of Industry Canada for the	
ISED Registration:	performance of radiated measurements with Registration No. 11185A-1 on	
	Aug. 04, 2016, valid time is until June.30, 2025.	
T	Temperature (℃): 18 ℃ ~25 ℃	
Test Environment Condition:	Relative Humidity (%): 35%~75% RH	
Conultion:	Atmospheric Pressure (kPa): 86KPa-106KPa	



2. Equipment Under Test (EUT)

Identification of the Equipment under Test

Device type :	portable device		
Exposure category:	uncontrolled environment / general p	oopulation	
Product Name:	Monocular		
Trade Name:	RIX		
Model Name:	DBH660		
Operating Band(s):	WIFI2.4G, Bluetooth		
Test Band(s):	WIFI2.4G, Bluetooth		
Test modulation:	WIFI 2.4G(DSSS, OFDM), Bluetooth(GFSK/π/4-DQPSK/8-DPSK)		
Tested frequency range(s)	transmitter frequency range receiver frequency range		
WIFI:	2412-2462 MHz		
Bluetooth:	2402-2480 MHz		
Hardware version :	A1124005 TYKE RX PWR BRD V1_0		
Software version :	V1.0.6		
Antenna type :	Internal antenna		
Battery options :	Rated Capacity:3200 mAh		
Battery options.	Rated Voltage: 3.6 V		
MAX. SAR Value:	Body: 0.372 W/Kg(1g SAR-0mm,Limit:1.6W/Kg)		
Note:			

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

3. SAR Summary

Highest Standalone SAR Summary

Exposure	Frequency	Scaled	Highest Scaled
Position	Band	1g-SAR(W/kg)	1g-SAR(W/kg)
Body	WIFI 2.4G	0.372	0.272
(0mm Gap)	Bluetooth	0.014	0.372



4. Specific Absorption Rate (SAR)

4.1 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.

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 (). 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

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

where C is the specific head capacity, δT is the temperature rise and δt 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.



4.2 Applicable Standards and Limits

4.2.1 Applicable Standards

FCC 47 CFR Part			
	Radiofrequency Radiation Exposure Evaluation: Portable Devices		
2(2.1093)			
ANSI C95.1-2019	Safety Levels with Respect to Human Exposure to Electric, Magnetic, and		
ANSI C)5.1 2017	Electromagnetic Fields, 0 Hz to 300 GHz		
	IEEE Recommended Practice for Determining the Peak Spatial-Average		
IEEE 1528–2013	Specific Absorption Rate (SAR) in the Human Head from Wireless		
	Communications Devices: Measurement Techniques		
KDB 248227 D01	v02r02 802.11 Wi-Fi SAR		
KDB 447498 D01	v06 General RF Exposure Guidance		
KDB 616217 D04	v01r02 SAR for laptop and tablets		
KDB 648474 D04	v01r03 Handset SAR		
KDB 865664 D01	v01r04 SAR Measurement 100MHz to 6GHz		
KDB 865664 D02	v01r02 SAR Exposure Reporting		
KDB 941225 D01	v03r01 3G SAR Procedures		
KDB 941225 D05	v02r05 SAR for LTE Devices		
KDB 941225 D05A	v01r02 LTE Rel.10 KDB Inquiry Sheet		
KDB 941225 D06	v02r01 Hotspot Mode		

4.2.2 RF exposure Limits

Human Exposure	Uncontrolled Environment General Population	
Spatial Peak SAR* (Brain/Body)	1.60 mW/g	
Spatial Average SAR** (Whole Body)	0.08 mW/g	
Spatial Peak SAR*** (Limbs)	4.00 mW/g	

The limit applied in this test report is shown in bold letters. Notes:

* The Spatial Peak value of the SAR averaged over any 1 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.



4.3 Phantoms

The phantom used for all tests i.e. for both system checks and device testing, was the twin-headed "SAM Phantom", manufactured by SATIMO. The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region, where shell thickness increases to 6mm).

System checking was performed using the flat section, whilst Head SAR tests used the left and right head profile sections. Body SAR testing also used the flat section between the head profiles.



SAM Twin Phantom

4.4 Device Holder

The device was placed in the device holder (illustrated below) that is supplied by SATIMO as an integral part of the COMOSAR test system.

The device holder is designed to cope with the different positions given in the standard. It has two scales for device rotation (with respect to the body axis) and device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.



Device holder



4.5 Probe Specification

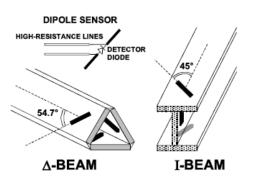
and the second second			
12	37 64		
	338		
A 2	.02		

Construction	Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	700 MHz to 3 GHz; Linearity: ±0.5 dB (700 MHz to 3 GHz)
Directivity	± 0.25 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	1.5 μ W/g to 100 mW/g; Linearity: ±0.5 dB
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 5 mm Distance from probe tip to dipole centers: <2.7 mm
Application	General dosimetry up to 3 GHz Dosimetry in strong gradient fields Compliance tests of mobile phones
Compatibility	COMOSAR

Isotropic E-Field Probe

The isotropic E-Field probe has been fully calibrated and assessed for isotropicity, and boundary effect within a controlled environment. Depending on the frequency for which the probe is calibrated the method utilized for calibration will change.

The E-Field probe utilizes a triangular sensor arrangement as detailed in the diagram below:





5. Tissue check and recommend Dielectric Parameters

5.1 Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness Power drifts in a human head. Other head and body tissue parameters that have not been specified in P1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equations described in Reference [12] and extrapolated according to the head parameters specified in P1528.

	Tissue		
Frequency (MHz)	Real part of the complex relative permittivity, ε_r	Conductivity, $\sigma(S/m)$	
30	55	0.75	
150	52.3	0.76	
300	45.3	0.87	
450	43.5	0.87	
750	41.9	0.89	
835	41.5	0.9	
900	41.5	0.97	
1450	40.5	1.2	
1800	40	1.4	
1900	40	1.4	
1950	40	1.4	
2000	40	1.4	
2100	39.8	1.49	
2450	39.2	1.8	
2600	39	1.96	
3000	38.5	2.4	
3500	37.9	2.91	
4000	37.4	3.43	
4500	36.8	3.94	
5000	36.2	4.45	
5200	36	4.66	
5400	35.8	4.86	
5600	35.5	5.07	
5800	35.3	5.27	
6000	35.1	5.48	



5.2 Simulate liquid

Liquid check results:

Table 3: Dielectric Performance of Tissue Simulating Liquid

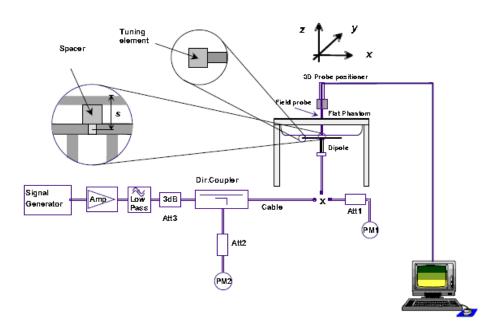
/	Frequency	Permittivity ε	Conductivity σ (S/m)	Liquid Temp. (°C)	Test Date
Target value	2450MIL	39.2±5% (37.24~41.16)	1.80±5% (1.71~1.89)	22.5	2024/10/12
Validation value	2450MHz	38.89	1.77	22.5	2024/10/13



SAR System validation

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of $\pm 10\%$. The validation results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

The following procedure, recommended for performing validation tests using box phantoms is based on the procedures described in the IEEE standard P1528. Setup according to the setup diagram below:



With the SG and Amp and with directional coupler in place, set up the source signal at the relevant frequency and use a power meter to measure the power at the end of the SMA cable that you intend to connect to the balanced dipole. Adjust the SG to make this, say, 0.01W (10 dBm). If this level is too high to read directly with the power meter sensor, insert a calibrated attenuator (e.g. 10 or 20 dB) and make a suitable correction to the power meter reading.

- Note 1: In this method, the directional coupler is used for monitoring rather than setting the exact feed power level. If, however, the directional coupler is used for power measurement, you should check the frequency range and power rating of the coupler and measure the coupling factor (referred to output) at the test frequency using a VNA.
- Note 2: Remember that the use of a 3dB attenuator (as shown in Figure 8.1 of P1528) means that you need an RF amplifier of 2 times greater power for the same feed power. The other issue is the cable length. You might get up to 1dB of loss per meter of cable, so the cable length after the coupler needs to be quite short.
- Note 3: For the validation testing done using CW signals, most power meters are suitable. However, if you are measuring the output of a modulated signal from either a signal generator or a handset, you must ensure that the power meter correctly reads the modulated signals.

The measured 1-gram averaged SAR values of the device against the phantom are provided in Tables 5 and Table 6. The body phantom were full of the body tissue simulating liquid. The EUT was supplied with full-charged battery for each measurement.

The distance between the back of the EUT and the bottom of the flat phantom is 10 mm (taking into account of the IEEE 1528 and the place of the antenna).



Table 4: system validation (1g)System Check Results									
Frequency	Duty cycle	Target value (1-g) (W/Kg)	10mW Test value (1-g) (W/Kg)	Test SAR Normalized to 1W(w/Kg)	Test Date				
2450MHz	1:1	51.74 W/kg±10% (46.566~56.914)	0.5148	51.48	2024/10/13				

Note:

- 1. Target value was referring to the measured value in the calibration certificate of reference dipole.
- 2. All SAR values are normalized to 1W forward power.



Measurement 6.6.3

Reference Measurement (Step 1)

Area Scan (Step 2) 4 Zoom Scan (Step 3)

Reference Measurement (Step 4)

YES

YES

1

NO

NC

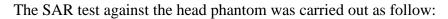
Shift cube cente

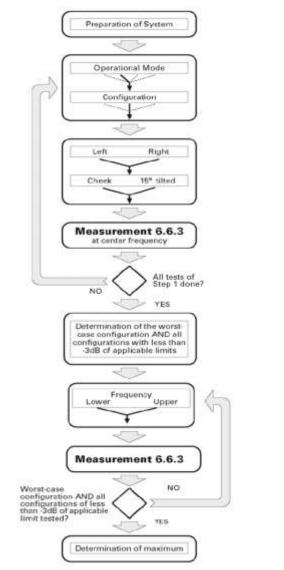
Select

next peak Peak in cube?

All primary and secondary peaks tested?

6. SAR measurement procedure





Establish a call with the maximum output power with a base station simulator, the connection between the EUT and the base station simulator is established via air interface.

After an area scan has been done at a fixed distance of 2mm from the surface of the phantom on the source side, a 3D scan is set up around the location of the maximum spot SAR. First, a point within the scan area is visited by the probe and a SAR reading taken at the start of testing. At the end of testing, the probe is returned to the same point and a second reading is taken. Comparison between these start and end readings enables the power drift during measurement to be assessed.

Above is the scanning procedure flow chart and table from the IEEEp1528 standard. This is the procedure for which all compliant testing should be carried out to ensure that all variations of the device position and transmission behavior are tested.



7. Conducted RF Output Power

7.1 WIFI Conducted output Power

WIFI 2.4G Output power

2.4G WIFI	Output Power (dBm)							
Channel/Freq.(MHz)	802.11b	802.11g	802.11n20					
1/2412.0	11.23	12.27	10.65					
6/2437.0	11.83	12.80	11.14					
11/2462.0	11.98	12.99	11.46					

7.2 Bluetooth Conducted output Power

Bluetooth Output power

Channel	Frequency	Bluetooth Output Power(dBm)					
Chaimer	(MHz)	GFSK	π/4-DQPSK	8-DPSK			
CH 0	2402	4.24	4.27	4.56			
CH 39	2441	5.76	5.80	5.58			
CH 78	2480	6.36	6.36	6.35			

Channel	Frequency	BLE Output Power(dBm)
Chaimer	(MHz)	1M(GFSK)
CH 0	2402	2.51
CH 19	2440	3.78
CH 39	2480	4.07



8. Antenna Location:



Note:

1. Here only reflects the antenna for the emission of the EUT test frequency band.

9. Scaling Factor calculation

Operation Mode	Channel /Frequency	Output Power(dBm)	Tune up Power in tolerance(dBm)	Max. Tune up(dBm)	Scaling Factor
	1/2412.0	12.27	12.5 ± 1.0	13.50	1.327
WIFI 2.4G 802.11g	6/2437.0	12.80	12.5 ± 1.0	13.50	1.175
002.11g	11/2462.0	12.99	12.5 ± 1.0	13.50	1.125
Diveteeth	0/2402.0	4.24	6.0 ± 1.0	7.00	1.888
Bluetooth DH5	39/2441.0	5.76	6.0 ± 1.0	7.00	1.330
DH3	78/2480.0	6.36	6.0 ± 1.0	7.00	1.159



10.Test Results

Results overview of WIFI 2.4G

Body-worn(0mm)	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	6/2437.0	802.11g	0.317	-0.85	1.175	0.372	1.6	1
Back Upward	6/2437.0	802.11g	< 0.001	/	1.175	< 0.001	1.6	/
Left	6/2437.0	802.11g	0.091	0.63	1.175	0.107	1.6	/
Right	6/2437.0	802.11g	0.074	-1.09	1.175	0.087	1.6	/
Тор	6/2437.0	802.11g	< 0.001	/	1.175	< 0.001	1.6	/
Bottom	6/2437.0	802.11g	< 0.001	/	1.175	< 0.001	1.6	/
Front Upward	1/2412.0	802.11g	0.235	0.49	1.327	0.312	1.6	/
Front Upward	11/2462.0	802.11g	0.293	-0.11	1.125	0.330	1.6	/

Results overview of Bluetooth

Body-worn(0mm)	Channel /Frequency	Mode	SAR Value (W/kg)1-g	Power drift(%)	Scaled Factor	Scaled SAR (W/Kg)1-g	Limit (W/kg)	SAR Plot.
Front Upward	39/2441.0	DH5	0.009	-0.57	1.330	0.012	1.6	/
Back Upward	39/2441.0	DH5	< 0.001	/	1.330	< 0.001	1.6	/
Left	39/2441.0	DH5	< 0.001	/	1.330	< 0.001	1.6	/
Right	39/2441.0	DH5	< 0.001	/	1.330	< 0.001	1.6	/
Тор	39/2441.0	DH5	< 0.001	/	1.330	< 0.001	1.6	/
Bottom	39/2441.0	DH5	< 0.001	/	1.330	< 0.001	1.6	/
Front Upward	0/2402.0	DH5	0.005	-1.53	1.888	0.009	1.6	/
Front Upward	78/2480.0	DH5	0.012	0.14	1.159	0.014	1.6	2

Note:

1. The maximum SAR value of each test band is marked bold.

2. When the 1-g SAR for the mid-band channel or the channel with the highest output power satisfy the following conditions, testing of the other channels in the band is not required. (Per KDB 447498 D01 General RF Exposure Guidance v06)

 $\bullet \leq 0.8$ W/kg, when the transmission band is ≤ 100 MHz

 $\bullet \le 0.6$ W/kg, when the transmission band is between 100 MHz and 200 MHz

 $\bullet \leq 0.4$ W/kg, when the transmission band is ≥ 200 MHz



3. *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show "<0.001 W/Kg" in the report.



11.Measurement Uncertainty

No.	Uncertainty Component	Туре	Uncertainty Value (%)	Probability Distribution	k	ci	Standard Uncertainty (%) ui(%)	Degree of freedom Veff or vi				
	Measurement System											
1	- Probe Calibration	В	5.8	Ν	1	1	5.8	x				
2	- Axial isotropy	В	3.5	R	$\sqrt{3}$	0.5	1.43	œ				
3	- Hemispherical Isotropy	В	5.9	R	$\sqrt{3}$	0.5	2.41	x				
4	- Boundary Effect	В	1	R	$\sqrt{3}$	1	0.58	x				
5	- Linearity	В	4.7	R	$\sqrt{3}$	1	2.71	x				
6	- System Detection Limits	В	1.0	R	$\sqrt{3}$	1	0.58	x				
7	Modulation response	В	3	Ν	1	1	3.00					
8	- Readout Electronics	В	0.5	Ν	1	1	0.50	x				
9	- Response Time	В	1.4	R	$\sqrt{3}$	1	0.81	x				
10	- Integration Time	В	3.0	R	$\sqrt{3}$	1	1.73	x				
11	- RF Ambient Conditions	В	3.0	R	$\sqrt{3}$	1	1.73	œ				
12	- Probe Position Mechanical tolerance	В	1.4	R	$\sqrt{3}$	1	0.81	œ				
13	- Probe Position with respect to Phantom Shell	В	1.4	R	$\sqrt{3}$	1	0.81	x				
14	- Extrapolation, Interpolation and Integration Algorithms for Max. SAR evaluation	В	2.3	R	$\sqrt{3}$	1	1.33	x				
			Uncertain	nties of the DUT								
15	- Position of the DUT	А	2.6	N	$\sqrt{3}$	1	2.6	5				
16	- Holder of the DUT	А	3	N	$\sqrt{3}$	1	3.0	5				
17	- Output Power Variation – SAR drift measurement	В	5.0	R	$\sqrt{3}$	1	2.89	x				



	Phantom and Tissue Parameters								
18	 Phantom Uncertainty(shape and thickness tolerances) 	В	4	R	$\sqrt{3}$	1	2.31	x	
19	Uncertainty in SAR correction for deviation(in permittivity and conductivity)	В	2	N	1	1	2.00		
20	- Liquid Conductivity Target – tolerance	В	2.5	R	$\sqrt{3}$	0.6	1.95	x	
21	- Liquid Conductivity – measurement Uncertainty)	В	4	Ν	$\sqrt{3}$	1	0.92	9	
22	- Liquid Permittivity Target tolerance	В	2.5	R	$\sqrt{3}$	0.6	1.95	œ	
23	- Liquid Permittivity – measurement uncertainty	В	5	N	$\sqrt{3}$	1	1.15	œ	
Co	mbined Standard Uncertainty			RSS			10.63		
(Expanded uncertainty (Confidence interval of 95 %)			K=2			21.26		



12.System Check Uncertainty

No.	Uncertainty Component	Туре	Uncertainty Value (%)	Probability Distribution	k	ci	Standard Uncertainty (%) ui(%)	Degree of freedom Veff or vi				
	Measurement System											
1	- Probe Calibration	В	5.8	Ν	1	1	5.8	x				
2	- Axial isotropy	В	3.5	R	$\sqrt{3}$	0.5	1.43	x				
3	- Hemispherical Isotropy	В	5.9	R	$\sqrt{3}$	0.5	2.41	œ				
4	- Boundary Effect	В	1	R	$\sqrt{3}$	1	0.58	œ				
5	- Linearity	В	4.7	R	$\sqrt{3}$	1	2.71	x				
6	- System Detection Limits	В	1	R	$\sqrt{3}$	1	0.58	x				
7	Modulation response	В	0	Ν	1	1	0.00					
8	- Readout Electronics	В	0.5	Ν	1	1	0.50	x				
9	- Response Time	В	0.00	R	$\sqrt{3}$	1	0.00	x				
10	- Integration Time	В	1.4	R	$\sqrt{3}$	1	0.81	x				
11	- RF Ambient Conditions	В	3.0	R	$\sqrt{3}$	1	1.73	œ				
12	- Probe Position Mechanical tolerance	В	1.4	R	$\sqrt{3}$	1	0.81	œ				
13	- Probe Position with respect to Phantom Shell	В	1.4	R	$\sqrt{3}$	1	0.81	œ				
14	- Extrapolation, Interpolation and Integration Algorithms for Max. SAR evaluation	В	2.3	R	$\sqrt{3}$	1	1.33	œ				
			Uncertain	nties of the DUT								
15	Deviation of experimental source from numberical source	А	4	N	1	1	4.00	5				
16	Input Power and SAR drift measurement	А	5	R	$\sqrt{3}$	1	2.89	5				
17	Dipole Axis to Liquid Distance	В	2	R	$\sqrt{3}$	1	1.2	x				



	Phantom and Tissue Parameters								
18	- Phantom Uncertainty(shape and thickness tolerances)	В	4	R	$\sqrt{3}$	1	2.31	x	
19	Uncertainty in SAR correction for deviation(in permittivity and conductivity)	В	2	N	1	1	2.00		
20	- Liquid Conductivity Target – tolerance	В	2.5	R	$\sqrt{3}$	0.6	1.95	x	
21	- Liquid Conductivity – measurement Uncertainty)	В	4	Ν	$\sqrt{3}$	1	0.92	9	
22	- Liquid Permittivity Target tolerance	В	2.5	R	$\sqrt{3}$	0.6	1.95	œ	
23	- Liquid Permittivity – measurement uncertainty	В	5	Ν	$\sqrt{3}$	1	1.15	œ	
Co	ombined Standard Uncertainty			RSS			10.15		
	Expanded uncertainty (Confidence interval of 95 %)			K=2			20.29		



13.Equipment List

This table is a complete overview of the SAR measurement equipment. Devices used during the test described are marked \square .

	EQUIPMENT	Model	Serial number	Calibration Date	Due Date
\square	SAR Probe	SSE2	3723-EPGO-433	2024/04/17	2025/04/16
\boxtimes	Dipole	SID2450	SN 09/13 DIP2G450-220	2023/05/24	2026/05/23
\boxtimes	Multimeter	Keithley-2000	4014020	2024/01/18	2025/01/17
\boxtimes	Vector Network Analyzer(R&S)	ZVB8	100343	2024/01/18	2025/01/17
\boxtimes	PC 3.5 Fixed Match Calibration Kit	ZV-Z32	100571	2024/01/18	2025/01/17
\square	Dielectric Probe Kit	SCLMP	SN 09/13 OCPG51	2024/01/18	2025/01/17
\square	Signal Generator	SMU100A	177649	2024/01/18	2025/01/17
\square	Amplifier	Nucletudes	143060	2024/01/18	2025/01/17
\square	Directional Coupler	DC6180A	305827	2024/06/02	2025/06/01
\square	Power Meter	NRP2	103434	2024/01/18	2025/01/17



ANNEX A: Appendix A: SAR System performance Check Plots

(Please See Appendix A)

ANNEX B: Appendix B: SAR Measurement results Plots

(Please See Appendix B)

ANNEX C: Appendix C: Calibration reports

(Please See Appendix C)

ANNEX D: Appendix D: SAR Test Setup

(Please See Appendix D)

-End of the Report-