

SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 1 of 34

SAR TEST REPORT

SZCR2409003665MO **Application No.:**

Applicant: SZ DJI TECHNOLOGY CO.,LTD.

Address of Applicant: Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street,

Nanshan District, 518055, Shenzhen, China.

Manufacturer: SZ DJI TECHNOLOGY CO..LTD.

Address of Manufacturer: Lobby of T2, DJI Sky City, No. 53 Xianyuan Road, Xili Community, Xili Street,

Nanshan District, 518055, Shenzhen, China.

EUT Description: M400 RC sub2G SDR module

sub2G-M400 RC Model No.:

Trade Mark: DJI

FCC ID: SS3-SUB2G2412 Standards: FCC 47CFR §2.1093

Date of Receipt: 2024-11-20 Date of Test: 2024-11-21 Date of Issue: 2024-11-28

PASS * Test Result:

In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Keny. Ku Kenv Xu **EMC Laboratory Manager**



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's soile responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN. Doccheck@ass.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Sherzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057

t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 2 of 34

	Revision Record			
Version	Chapter	Date	Modifier	Remark
01		2024-11-28		Original

Authorized for issue by:		
	Darron Yuan	
	Darren Yuan/Project Engineer	-
	Exic Fu	
	Eric Fu/Reviewer	-



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without proven it in the proval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

or email: CN.Doccheck@sgs.com |Mo.11Mortatop, M-10, Middle Section, Science & Bednutoge Part, Namehan District, Sherzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 3 of 34

TEST SUMMARY

Frequency Band	Maximum Reported SAR(W/kg)	Maximum Reported SAR(W/kg)
	Body	Limbs
Sub 2G (Antenna fold)	1.28	0.70
Sub 2G (Antenna unfold)	0.80	0.53
SAR Limited(W/kg)	1.6	4





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

4 of 34 Page:

Contents

TES	ST SUN	IMARY	.3		
1	Ge	neral Informationneral Information			
	1.1	General Description of EUT	.5		
	1.2	Test Specification	.7		
	1.3	RF exposure limits	.8		
	1.4	Test Location	.9		
	1.5	Test Facility	.9		
2	La	boratory Environment1	10		
3	SA	R Measurements System Configuration1	11		
	3.1	The SAR Measurement System	11		
	3.2	Isotropic E-field Proble EX3DV4	13		
	3.3	Data Acquisition Electronics (DAE)	14		
	3.4	SAM Twin Phantom	14		
	3.5	ELI Phantom			
	3.6	Device Holder for Transmitters	16		
	3.7	Measurement Procedure	17		
4	SA	R measurement variability and uncertainty	21		
	4.1	SAR measurement variability	21		
	4.2	SAR measurement uncertainty	21		
5	De	sciption of Test Position	22		
	5.1	The Test Position	22		
6	SA	R System Verificaion Procedure2			
	6.1	Tissue Simulate Liquid			
	6.2	SAR System Check	25		
7	Te	st Configuration	28		
	7.1	Operation Configurations			
8	Te	st Result2			
	8.1	Measurement of RF Conducted Power			
	8.2	Measurement of SAR Data	31		
9		uipment list			
10	Ca	libration certificate	34		
11	Ph	otographs	34		
Appendix A: Detailed System Check Results34					
Appendix B: Detailed Test Results34					
		C: Calibration certificate			
App	Appendix D: Photographs34				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without provintien approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CND.Doccheck@gs.com"

or email: CN.Doccheck@sgs.com
Wo.1Workshop, № 10, Middle Section, Science № Technology Part, Nanoshan District, Sherablen, Guengdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

5 of 34 Page:

General Information 1

1.1 General Description of EUT

Product Name:	M400 RC sub2G SDR r	module	
Model No.:	sub2G-M400 RC		
Trade Mark:	DJI		
Product Phase:	production unit		
Device Type:	portable device		
Exposure Category:	uncontrolled environment / general population		
SN:	8DFDMBJ0050003		
Hardware Version:	V1.0		
Software Version:	V1.0		
Antenna Type:	PIFA		
Device Operating Configurations:			
Modulation Mode:	OFDM		
Frequency Bands:	Band	TX (MHz)	RX (MHz)
Trequency bands.	Sub2G	902.8-927.2	902.8-927.2

Note: *Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, SGS is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

6 of 34 Page:

1.1.1 DUT Antenna Locations (Back View)

The DUT Antenna Locations can be referred to Appendix D





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 7 of 34

1.2 Test Specification

Identity	Document Title
FCC 47CFR §2.1093	Radio frequency Radiation Exposure Evaluation: Portable Devices
IEEE Std C95.1 – 1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz
IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
KDB 447498 D04 v01	RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
KDB 865664 D01 v01r04	SAR Measurement Requirements for 100 MHz to 6 GHz
KDB 865664 D02 v01r02	RF Exposure Compliance Reporting and Documentation Considerations





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 8 of 34

1.3 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR* (Brain*Trunk)	1.60 mW/g	8.00 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g	0.40 mW/g
Spatial Peak SAR*** (Hands/Feet/Ankle/Wrist)	4.00 mW/g	20.00 mW/g

Notes:

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.)



^{*} The Spatial Peak value of the SAR averaged over any 1 gram 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.



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 9 of 34

1.4 **Test Location**

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Fax: +86 755 2671 0594 Tel: +86 755 2601 2053

No tests were sub-contracted.

1.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 10 of 34

2 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25 °C	
Relative humidity	Min. = 30%, Max. = 70%	
Ground system resistance	< 0.5 Ω	
Ambient noise is checked and found very low and in compliance with requirement of standards.		
Reflection of surrounding objects is minimized and in compliance with requirement of standards.		





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 11 of 34

SAR Measurements System Configuration 3

3.1 The SAR Measurement System

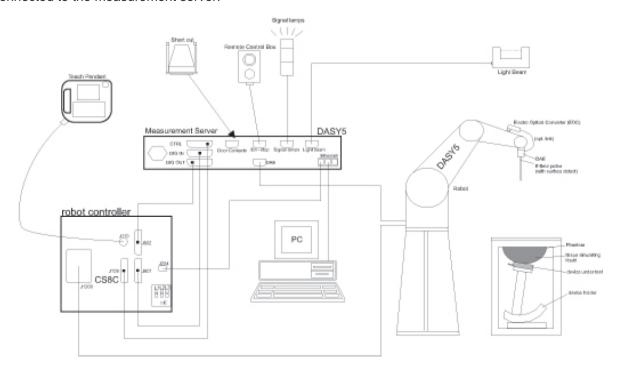
This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY professional system). A E-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|2)/ ρ where σ and ρ are the conductivity and mass density of the tissue-Simulate.

The DASY system for performing compliance tests consists of the following items: A standard high precision 6-axis robot (Stabile RX family) with controller, teach pendant and software. An arm extension for accommodation the data acquisition electronics (DAE).

A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.

A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, ADconversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.



F-1. SAR Measurement System Configuration

中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's sindings at the time of its intervention only and within the limits of Client's fany. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CND.Doccheck@gs.com

t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 12 of 34

- The function of the measurement server is to perform the time critical tasks such as signal filtering. control of the robot operation and fast movement interrupts.
- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows system.
- DASY software.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand, right-hand and Body Worn usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing to validating the proper functioning of the system.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

13 of 34 Page:

Isotropic E-field Proble EX3DV4 3.2

	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Discoticity	± 0.3 dB in TSL (rotation around probe axis)
Directivity	± 0.5 dB in TSL (rotation normal to probe axis)
Dynamia Banga	10 μW/g to > 100 mW/g
Dynamic Range	Linearity: ± 0.2 dB (noise: typically < 1 μW/g)
	Overall length: 337 mm (Tip: 20 mm)
Dimensions	Tip diameter: 2.5 mm (Body: 12 mm)
	Typical distance from probe tip to dipole centers: 1 mm
	High precision dosimetric measurements in any exposure scenario (e.g.,
Application	very strong gradient fields); the only probe that enables compliance
	testing for frequencies up to 6 GHz with precision of better 30%.
Compatibility	DASY52 SAR and higher, EASY4/MRI





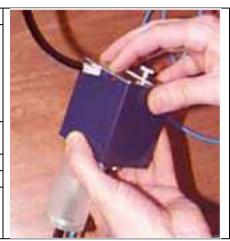
SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 14 of 34

Data Acquisition Electronics (DAE) 3.3

Model	DAE
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY4/5 embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV,400mV)
Input Offset Voltage	< 5µV (with auto zero)
Input Bias Current	< 50 f A
Dimensions	60 x 60 x 68 mm



3.4 SAM Twin Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)
Dimensions (incl. Wooden Support)	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	pprox 25 liters
Wooden Support	SPEAG standard phantom table



The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.

Twin SAM V5.0 has the same shell geometry and is manufactured from the same material as Twin SAM V4.0, but has reinforced top structure.





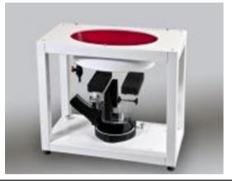
SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 15 of 34

ELI Phantom 3.5

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2.0 ± 0.2 mm(bottom plate)
Dimensions	Major axis: 600 mm Minor axis: 400 mm
Filling Volume	pprox 30 liters
Wooden Support	SPEAG standard phantom table



Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

ELI V5.0 has the same shell geometry and is manufactured from the same material as ELI4 but has reinforced top structure.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 16 of 34

3.6 Device Holder for Transmitters



F-2. Device Holder for Transmitters

- The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centres for both scales are the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.
- The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity ε =3 and loss tangent δ =0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.



中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057

t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 17 of 34

3.7 **Measurement Procedure**

3.7.1 Scanning procedure

Step 1: Power reference measurement

The "reference" and "drift" measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure.

Step 2: Area scan

The SAR distribution at the exposed side of the head was measured at a distance of 4mm from the inner surface of the shell. The area covered the entire dimension of the head and the horizontal grid spacing was 15mm*15mm or 12mm*12mm or 10mm*10mm.Based on the area scan data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Zoom scan

Around this point, a volume of 32mm*32mm*30mm (f≤2GHz), 30mm*30mm*30mm (f for 2-3GHz) and 24mm*24mm*22mm (f for 5-6GHz) was assessed by measuring 5x5x7 points (f≤2GHz), 7x7x7 points (f for 2-3GHz) and 7x7x12 points (f for 5-6GHz). On this basis of this data set, the spatial peak SAR value was evaluated with the following procedure:

The data at the surface was extrapolated, since the centre of the dipoles is 2.0mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.2mm. (This can be variable. Refer to the probe specification). The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip. The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1g or 10g) were computed using the 3D-Spline interpolation algorithm. The volume was integrated with the trapezoidal algorithm. One thousand points were interpolated to calculate the average. All neighbouring volumes were evaluated until no neighboring volume with a higher average value was found.

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std. 1528-2013.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

18 of 34 Page:

			≤ 3 GHz	> 3 GHz
Maximum distance from (geometric center of pr			5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle surface normal at the n			30° ± 1°	20° ± 1°
			≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
Maximum area scan sp	atial resoli	ution: ∆x _{Area} , ∆y _{Area}	When the x or y dimension o measurement plane orientation the measurement resolution r x or y dimension of the test d measurement point on the test	on, is smaller than the above, must be ≤ the corresponding levice with at least one
Maximum zoom scan s	patial reso	lution: Δx _{Zoom} , Δy _{Zoom}	\leq 2 GHz: \leq 8 mm 2 - 3 GHz: \leq 5 mm [*]	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
	uniform	grid: ∆z _{Z∞m} (n)	≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
Maximum zoom scan spatial resolution, normal to phantom surface	graded	Δz _{Zoom} (1): between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
	grid	Δz _{Zoom} (n>1): between subsequent points	$\leq 1.5 \cdot \Delta z_{Z_{00m}}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Step 4: Power reference measurement (drift)

The Power Drift Measurement job measures the field at the same location as the most recent power reference measurement job within the same procedure, and with the same settings. The indicated drift is mainly the variation of the DUT's output power and should vary max. ± 5 %





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 19 of 34

3.7.2 Data storage

The DASY software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension "DAE". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated. The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [m W/g], [m W/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

3.7.3 Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters: - Sensitivity Normi, ai0, ai1, ai2

Conversion factorDiode compression pointDcpi

Device parameters: - Frequency

- Crest factor cf

Media parameters: - Conductivity ε

- Density p

These parameters must be set correctly in the software. They can be found in the component documents, or they can be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot c f / d c p_i$$

With Vi = compensated signal of channel I (I = x, y, z)

Ui = input signal of channel I (I = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcp I = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated: E-field probes:





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 20 of 34

$$E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$$

H-field probes:

$$H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1}f + a_{i2}f^2)/f$$

With Vi = compensated signal of channel I

Normi = sensor sensitivity of channel I

(I = x, y, z)

[mV/(V/m)2] for E-field Probes

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

Ei = electric field strength of channel I in V/m

Hi = magnetic field strength of channel I in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_x^2 + E_y^2 + E_z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (Etot^2 \cdot \sigma) / (\varepsilon \cdot 1000)$$

SAR = local specific absorption rate in mW/g

Etot = total field strength in V/m

σ= conductivity in [mho/m] or [Siemens/m]

ε= equivalent tissue density in g/cm3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space

$$P_{pwe} = E_{tot}^2 \frac{2}{3770}_{or} P_{pwe} = H_{tot}^2 \cdot 37.7$$

with Ppwe = equivalent power density of a plane wave in mW/cm2

Etot = total electric field strength in V/m

Htot = total magnetic field strength in A/m



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service print available on request or accessible at https://www.sgs.com/ser/Terms-and-Conditions, Attention is drawn to the limitation indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained her indemnification and jurisdiction issues defined therein. Any noider of this document is advised that information cor the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their under the transaction documents. This document cannot be reproduced except in full, without prior written approva unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offend to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sam sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephologogia.



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 21 of 34

4 SAR measurement variability and uncertainty

4.1 SAR measurement variability

SAR measurement 100 MHz to 6 GHz v01r04, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

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

The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

4.2 SAR measurement uncertainty

SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 22 of 34

5 **Desciption of Test Position**

5.1 The Test Position

SAR can test the sides near the antenna, the surface of the device should be tested for SAR compliance with device touching the phantom. The SAR Exclusion Threshold in KDB 447498 D04 for FCC can be applied to determine SAR test exclusion for adjacent edge configurations. The closest distance from the antenna to an adjacent device surface is used to determine if SAR testing is required for the adjacent surfaces, with the adjacent surface positioned against the phantom and the surface containing the antenna positioned perpendicular to the phantom.

This product must installed on the remote controller when normal use, and the EUT will close to body during use.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 23 of 34

SAR System Verificaion Procedure 6

6.1 **Tissue Simulate Liquid**

6.1.1 Recipes for Tissue Simulate Liquid

The bellowing tables give the recipes for tissue simulating liquids to be used in different frequency bands:

Ingredients	Frequency (MHz)										
(% by weight)	450	700-1000	1700-2000	2300-2500	2500-2700						
Water	38.56	40.30	55.24	55.00	54.92						
Salt (NaCl)	3.95	1.38	0.31	0.2	0.23						
Sucrose	56.32	57.90	0	0	0						
HEC	0.98	0.24	0	0	0						
Bactericide	0.19	0.18	0	0	0						
Tween	0	0	44.45	44.80	44.85						

Salt: 99+% Pure Sodium Chloride Sucrose: 98+% Pure Sucrose Water: De-ionized, 16 MΩ+ resistivity HEC: Hydroxyethyl Cellulose

Tween: Polyoxyethylene (20) sorbitan monolaurate

HSL5GHz is composed of the following ingredients: (Manufactured by SPEAG)

Water: 50-65% Mineral oil: 10-30% Emulsifiers: 8-25% Sodium salt: 0-1.5%

Table 1: Recipe of Tissue Simulate Liquid





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

24 of 34 Page:

6.1.2 Measurement for Tissue Simulate Liquid

The Conductivity (σ) and Permittivity (ϵr) are listed in Table 2. For the SAR measurement given in this report.

The temperature variation of the Tissue Simulate Liquids was 22±2°C.

	Measurement for Tissue Simulate Liquid										
Hissue	Measured Frequency	Measured Tissue Target Tissue (±			ssue (±5%)	Devia (Within		Liquid Temp.	Test Date		
Туре	(MHz)	ε _r	σ(S/m)	٤r	σ(S/m)	٤r	σ(S/m)	(℃)			
835 Head	835	42.887	0.908	0.89%	22.3	2024/11/21					

Table 2: Measurement result of Tissue electric parameters





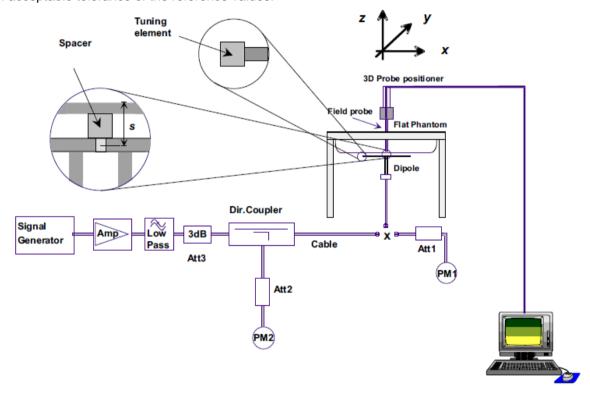
SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 25 of 34

6.2 **SAR System Check**

The microwave circuit arrangement for system Check is sketched in F-12. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. The tests were conducted on the same days as the measurement of the EUT. The obtained results from the system accuracy verification are displayed in the following table (A power level of 250mW (below 3GHz) or 100mW (3-6GHz) was input to the dipole antenna). During the tests, the ambient temperature of the laboratory was in the range 22±2°C, the relative humidity was in the range 60% and the liquid depth above the ear reference points was above 15±0.5 cm in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



F-12. The microwave circuit arrangement used for SAR system Check





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 26 of 34

6.2.1 Justification for Extended SAR Dipole Calibrations

- 1) Instead of the typical annual calibration recommended by measurement standards, longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remain stable according to the following requirements. Each measured dipole is expected to evaluate with the following criteria at least on annual interval in Appendix C.
- a) There is no physical damage on the dipole;
- b) System check with specific dipole is within 10% of calibrated value;
- c) Return-loss is within 20% of calibrated measurement;
- d) Impedance is within 5Ω from the previous measurement.
- 2) Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

27 of 34 Page:

6.2.2 Summary System Check Result(s)

SAR System Validation Result(s)										
Validation	Measured SAR 250mW	Measured SAR 250mW	Measured SAR (normalized to 1W)	Measured SAR (normalized to 1W)	Target SAR (normalized to 1W)		Devi	ation 1 ±10%)	Liquid Temp.	Test Date
Kit	1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)	1- g(W/kg)	10- g(W/kg)	(℃)	
D835V2He	ad 2.54	1.67	10.16	6.68	9.53	6.29	6.61%	6.20%	22.3	2024/11/12

Table 3: SAR System Check Result

6.2.3 Detailed System Check Results

Please see the Appendix A



中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编:518057

t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

28 of 34 Page:

7 **Test Configuration**

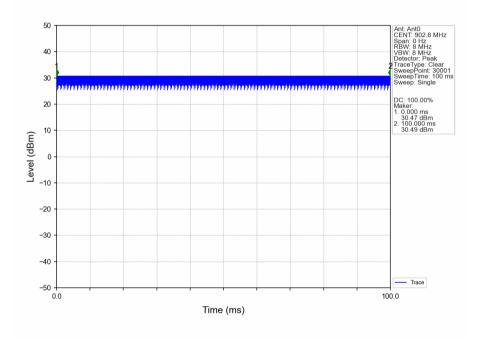
7.1 **Operation Configurations**

7.1.1 Sub2G Test Configuration

For the sub2G SAR testing, the EUT is operated at the RF continuous emission mode.

7.1.1.1 Duty cycle

duty cycle:100.00%







SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

29 of 34 Page:

Test Result 8

8.1 **Measurement of RF Conducted Power**

ANT0									
Mode	Frequency(MHz)	Average Power (dBm)	Tune up						
	902.8	10.23	11.00						
1.4M	915	25.55	26.00						
	927.2	12.00	14.00						
	903.6	18.93	20.00						
3M	915	24.44	25.00						
	926.4	15.12	17.00						
	904.6	15.06	16.00						
5M	915	25.47	26.00						
	925.4	14.49	16.00						
	907	18.99	19.50						
10M	915	25.76	26.00						
	923	16.02	17.50						
	912	21.34	22.00						
20M	915	25.49	26.00						
	918	22.63	24.00						

	ANT1									
Mode	Frequency(MHz)	Average Power (dBm)	Tune up							
	902.8	9.16	11.00							
1.4M	915	25.64	26.00							
	927.2	13.51	14.00							
	903.6	18.14	20.00							
3M	915	24.35	25.00							
	926.4	16.65	17.00							
	904.6	14.55	16.00							
5M	915	25.26	26.00							
	925.4	15.99	16.00							
	907	18.09	19.50							
10M	915	25.54	26.00							
	923	17.06	17.50							
	912	21.32	22.00							
20M	915	25.35	26.00							
	918	23.08	24.00							





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 30 of 34

	MIMO										
Mode	Frequency(MHz)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up						
	902.8	10.23	9.16	12.74	14.00						
1.4M	915	25.55	25.64	28.61	29.00						
	927.2	12.00	13.51	15.83	17.00						
	903.6	18.93	18.14	21.56	23.00						
3M	915	24.44	24.35	27.41	28.00						
	926.4	15.12	16.65	18.96	20.00						
	904.6	15.06	14.55	17.82	19.00						
5M	915	25.47	25.26	28.38	29.00						
	925.4	14.49	15.99	18.31	19.00						
	907	18.99	18.09	21.57	22.50						
10M	915	25.76	25.54	28.66	29.00						
	923	16.02	17.06	19.58	20.50						
	912	21.34	21.32	24.34	25.00						
20M	915	25.49	25.35	28.43	29.00						
	918	22.63	23.08	25.87	27.00						



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without proven it in the proval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@ags.com"

or email: CN_Doccheck@sgs.com
Wo.1Wortshop, M-10, Middle Section, Science & Technology Part, Nanohan District, Shienzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国・广东・深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 31 of 34

Measurement of SAR Data

					S	SAR Tes	t Recor	d				
					M	IIMO Te	st Reco	rd				
Test position	Test mode	Test Freq.(MHz)	Duty Cycle	Duty Cycle Scaled factor		SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	_	Liquid Temp.(℃)
				Во	dy (Ante	enna fol	d) Test c	lata (0mm)				
Back side	20MHz	915	100.00%	1.000	1.120	0.610	0.05	28.43	29.00	1.140	1.277	22.3
Left side	20MHz	915	100.00%	1.000	0.067	0.037	0.03	28.43	29.00	1.140	0.076	22.3
Right side	20MHz	915	100.00%	1.000	0.055	0.038	0.08	28.43	29.00	1.140	0.063	22.3
Top side	20MHz	915	100.00%	1.000	0.104	0.059	0.01	28.43	29.00	1.140	0.119	22.3
Bottom side	20MHz	915	100.00%	1.000	0.095	0.059	0.09	28.43	29.00	1.140	0.108	22.3
Back side	20MHz	912	100.00%	1.000	0.585	0.322	-0.04	24.34	25.00	1.164	0.681	22.3
Back side	20MHz	918	100.00%	1.000	0.745	0.406	0.05	25.87	27.00	1.297	0.966	22.3
				Bod	ly (Antei	nna unfo	old) Test	data (0mm)				
Back side	20MHz	915	100.00%	1.000	0.481	0.138	0.01	28.43	29.00	1.140	0.548	22.3
Left side	20MHz	915	100.00%	1.000	0.085	0.061	-0.05	28.43	29.00	1.140	0.097	22.3
Right side	20MHz	915	100.00%	1.000	0.074	0.054	0.09	28.43	29.00	1.140	0.084	22.3
side	20MHz		100.00%	1.000	0.011	0.003	0.07	28.43	29.00	1.140	0.013	22.3
Top side	20MHz	915	100.00%	1.000	0.700	0.466	0.01	28.43	29.00	1.140	0.798	22.3
Top side	20MHz	912	100.00%	1.000	0.255	0.165	0.04	24.34	25.00	1.164	0.297	22.3
Top side	20MHz	918	100.00%	1.000	0.312	0.202	0.09	25.87	27.00	1.297	0.405	22.3





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 32 of 34

Test position	Test mode	Test Freq.(MHz)	Duty Cycle	Duty Cycle Scaled factor	I WWW AN	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)		Scaled	_	Liquid Temp.(℃)
	Limbs (Antenna fold) Test data (0mm)											
Back side	20MHz	915	100.00%	1.000	1.120	0.610	0.05	28.43	29.00	1.140	0.695	22.3
Left side	20MHz	915	100.00%	1.000	0.067	0.037	0.03	28.43	29.00	1.140	0.042	22.3
Right side	20MHz	915	100.00%	1.000	0.055	0.038	0.08	28.43	29.00	1.140	0.043	22.3
Top side	20MHz	915	100.00%	1.000	0.104	0.059	0.01	28.43	29.00	1.140	0.067	22.3
Bottom side	20MHz	915	100.00%	1.000	0.095	0.059	0.09	28.43	29.00	1.140	0.067	22.3
Back side	20MHz	912	100.00%	1.000	0.585	0.322	-0.04	24.34	25.00	1.164	0.375	22.3
Back side	20MHz	918	100.00%	1.000	0.745	0.406	0.05	25.87	27.00	1.297	0.527	22.3
				Limb	os (Ante	nna unfo	old) Test	data (0mm)				
Back side	20MHz	915	100.00%	1.000	0.481	0.138	0.01	28.43	29.00	1.140	0.157	22.3
Left side	20MHz	915	100.00%	1.000	0.085	0.061	-0.05	28.43	29.00	1.140	0.070	22.3
Right side	20MHz	915	100.00%	1.000	0.074	0.054	0.09	28.43	29.00	1.140	0.062	22.3
Bottom side	20MHz	915	100.00%	1.000	0.011	0.003	0.07	28.43	29.00	1.140	0.003	22.3
Top side	20MHz	915	100.00%	1.000	0.700	0.466	0.01	28.43	29.00	1.140	0.531	22.3
Top side	20MHz	912	100.00%	1.000	0.255	0.165	0.04	24.34	25.00	1.164	0.192	22.3
Top side	20MHz	918	100.00%	1.000	0.312	0.202	0.09	25.87	27.00	1.297	0.262	22.3

Note:

- The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B.
- Per KDB447498 D04, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8W/kg for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is ≤ 100MHz.
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz.





SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

33 of 34 Page:

Equipment list

9	⊏quipmer	it iist				
	Test Platform	SPEAG DASY	Professional			
	Description	SAR Test Syste	m (Frequency r	ange 300MHz-6GHz)		
So	ftware Reference	DASY52 52.10.	4(1527); SEMC	AD X 14.6.14(7483)		
			Hardware Re	eference		
	Equipment	Manufacturer	Model	Inventory No.	Calibration Date	Due date of calibration
\boxtimes	Test Phantom	SPEAG	SAM Twin	SZ-WSR-A-020	NCR	NCR
\boxtimes	DAE	SPEAG	DAE4	SZ-WSR-M-081	2024/08/15	2025/08/14
\boxtimes	E-Field Probe	SPEAG	EX3DV4	SZ-WSR-M-082	2024/09/19	2025/09/18
\boxtimes	Validation Kits	SPEAG	D835V2	SZ-WSR-M-033	2022/11/02	2025/11/01
\boxtimes	Dielectric parameter probes	SPEAG	DAKS-3.5	SZ-WSR-M-053	2024/06/26	2025/06/25
\boxtimes	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R140	SZ-WSR-M-054	2024/06/26	2025/06/25
\boxtimes	RF Bi-Directional Coupler	Agilent	86205- 60001	SZ-WSR-A-004	NCR	NCR
\boxtimes	Signal Generator	Agilent	N5171B	SZ-WSR-M-006	2024/01/30	2025/01/29
\boxtimes	Preamplifier	Mini-Circuits	ZHL-42W	SZ-WSR-A-001	NCR	NCR
\boxtimes	Preamplifier	Compliance Directions Systems Inc.	AMP28-3W	SZ-WSR-A-002	NCR	NCR
\boxtimes	Power Meter	Agilent	E4416A	SZ-WSR-M-007	2024/01/30	2025/01/29
\boxtimes	Power Sensor	Agilent	8481H	SZ-WSR-M-008	2024/01/30	2025/01/29
\boxtimes	Power Sensor	R&S	NRP-Z92	SZ-WSR-M-009	2024/01/30	2025/01/29
\boxtimes	Attenuator	SHX	TS2-3dB	SZ-WSR-A-012	NCR	NCR
\boxtimes	Speed reading thermometer	Zhengzhou Boyang Instrument	TP3001	SZ-WSR-M-014	2024/05/30	2025/05/29
\boxtimes	Temperature	MingGao	T809	SZ-WSR-M-015	2024/05/30	2025/05/29
\boxtimes	Temperature	MingGao	T809	SZ-WSR-M-016	2024/05/30	2025/05/29
\boxtimes	Humidity and Temperature Indicator	CHIGAO	HTC-1	SZ-WSR-M-013	2024/05/28	2025/05/27

Note: All the equipment are within the valid period when the tests are performed.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without provintien approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CND.Doccheck@gs.com"

No.1 Workshop, N=10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn



SZSAR-TRF-01 Rev. A/0 May15,2023

Report No.: SZCR240900366503

Page: 34 of 34

10 Calibration certificate

Please see the Appendix C

11 Photographs

Please see the Appendix D

Appendix A: Detailed System Check Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

--- End of report ---

