

Appendix B

Detailed Test Results

BT for Head



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 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@sgs.com

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
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

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

Test Laboratory: SGS-SAR Lab

S5IEW Bluetooth DH5 2402CH Rear cheek 0mm

DUT: S5IEW; Type: ICON 180

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.731

Medium: HSL2450;Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.774 \text{ S/m}$; $\epsilon_r = 38.624$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.421 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.60 V/m; Power Drift = 0.08 dB

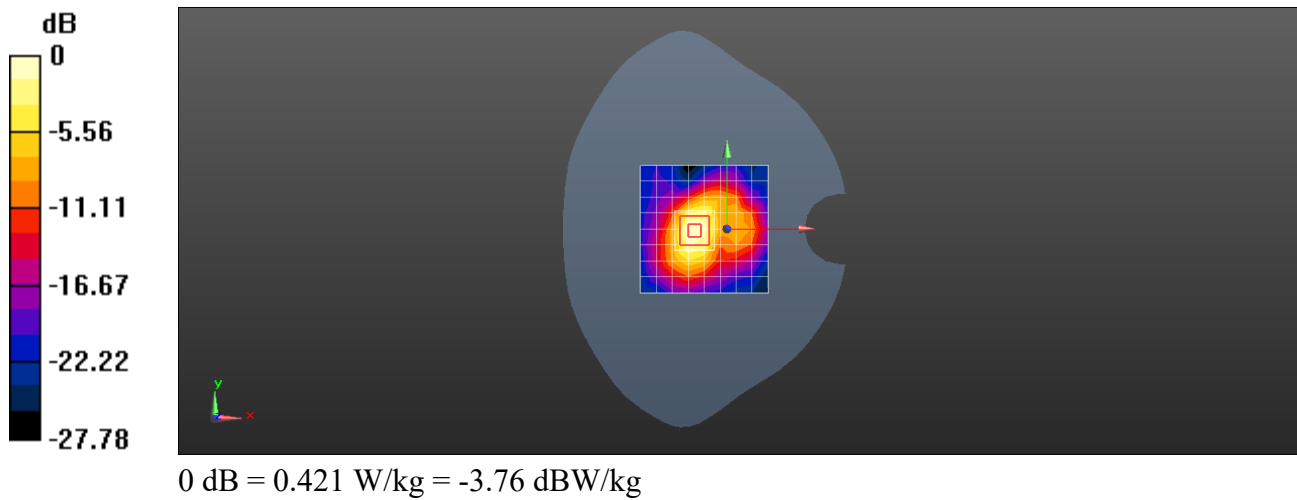
Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.170 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.576 W/kg



Test Laboratory: SGS-SAR Lab

S5IEW Bluetooth DH5 2402CH Touch cheek 0mm

DUT: S5IEW; Type: ICON 180

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.731

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 38.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(7.32, 7.85, 7.73); Calibrated: 2024/7/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.149 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.602 V/m; Power Drift = 0.09 dB

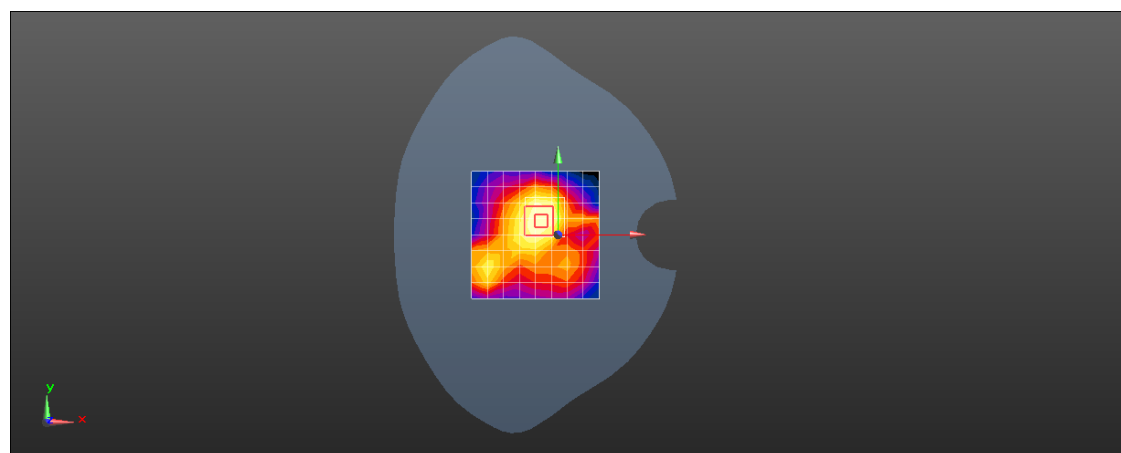
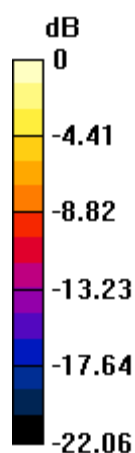
Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.149 W/kg = -8.26 dBW/kg