

Appendix B

Detailed Test Results

WIFI 2.4G for Head, Body & Extremity
WIFI 5G for Head, Body & Extremity
BT for Head, Body & Extremity



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 Inspection & Testing Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.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

Test Laboratory: SGS-SAR Lab

AC006 WIFI 2.4G 802.11b 1CH Top side 0mm Ant0**DUT: AC006**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.761$ S/m; $\epsilon_r = 38.473$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.84 W/kg

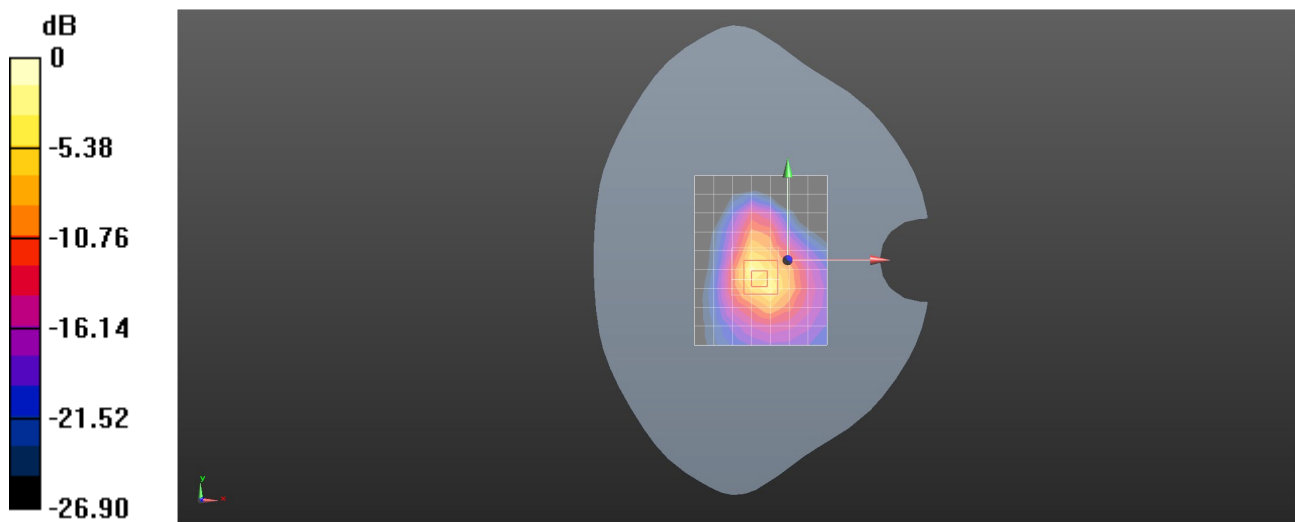
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 0.596 W/kg

Maximum value of SAR (measured) = 3.43 W/kg



0 dB = 3.43 W/kg = 5.35 dBW/kg

Test Laboratory: SGS-SAR Lab

AC006 WIFI 2.4G 802.11nHT20M 11CH Top side 10mm MIMO

DUT: AC006

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 38.376$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.377 W/kg

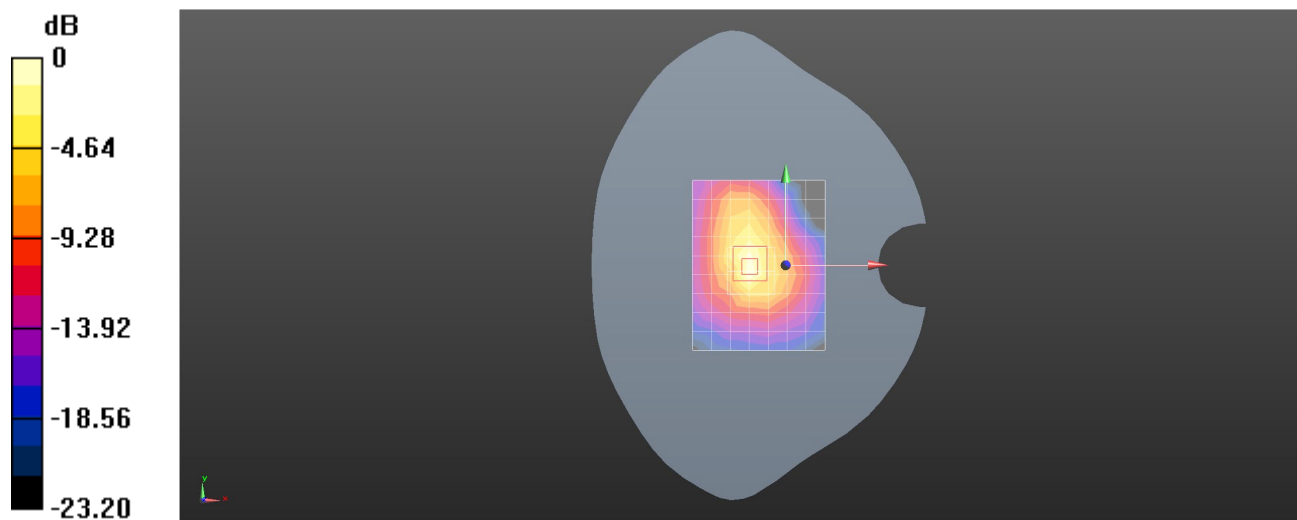
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.70 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.509 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.407 W/kg = -3.90 dBW/kg

Test Laboratory: SGS-SAR Lab

AC006 WIFI 5G 802.11a 157CH Top side 0mm Ant0**DUT: AC006**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5785$ MHz; $\sigma = 5.234$ S/m; $\epsilon_r = 35.263$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.82, 4.82, 4.82); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 12.7 W/kg

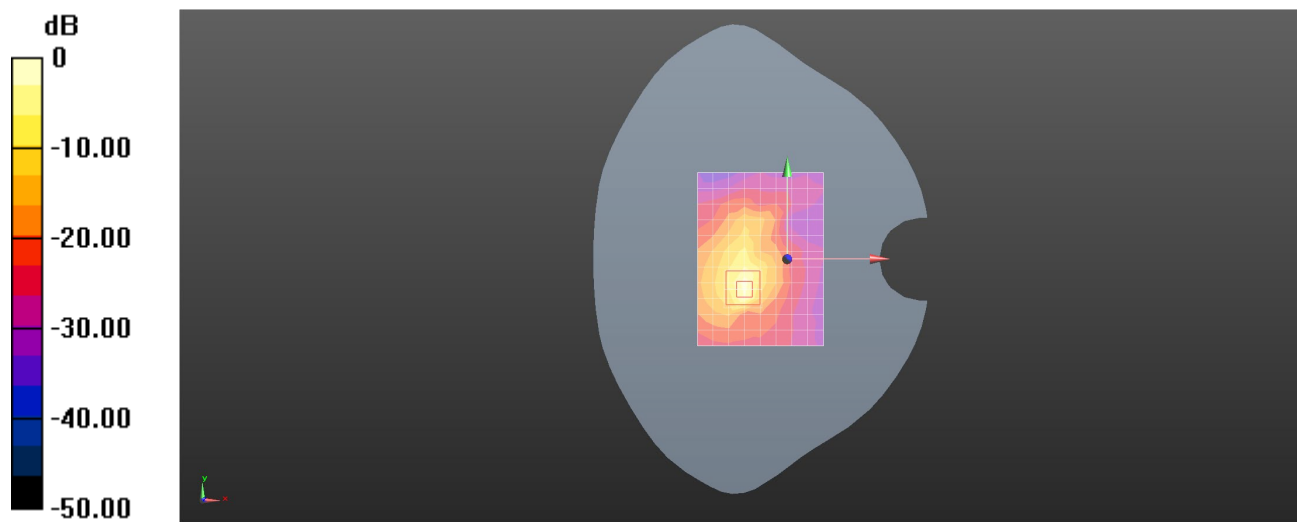
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.824 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.6 W/kg

SAR(1 g) = 5.49 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 17.9 W/kg



0 dB = 17.9 W/kg = 12.53 dBW/kg

Test Laboratory: SGS-SAR Lab

AC006 WIFI 5G 802.11a 157CH Top side 10mm Ant0

DUT: AC006

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5785$ MHz; $\sigma = 5.234$ S/m; $\epsilon_r = 35.263$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.82, 4.82, 4.82); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.71 W/kg

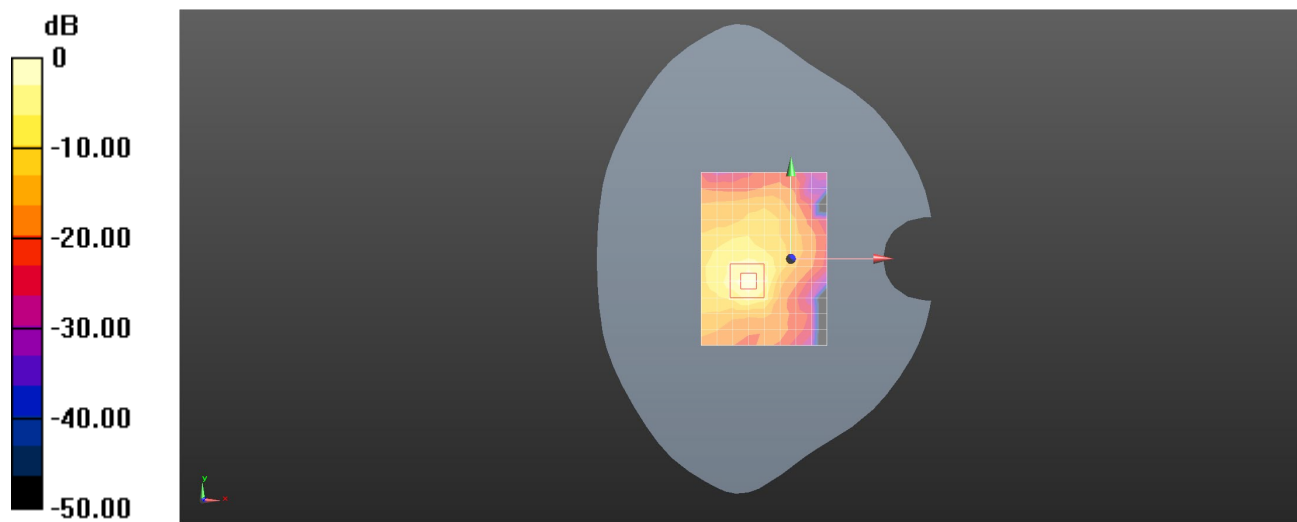
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.281 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



0 dB = 2.58 W/kg = 4.12 dBW/kg

Test Laboratory: SGS-SAR Lab

AC006 Bluetooth DH5 78CH Top side 0mm**DUT: AC006**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.320 W/kg

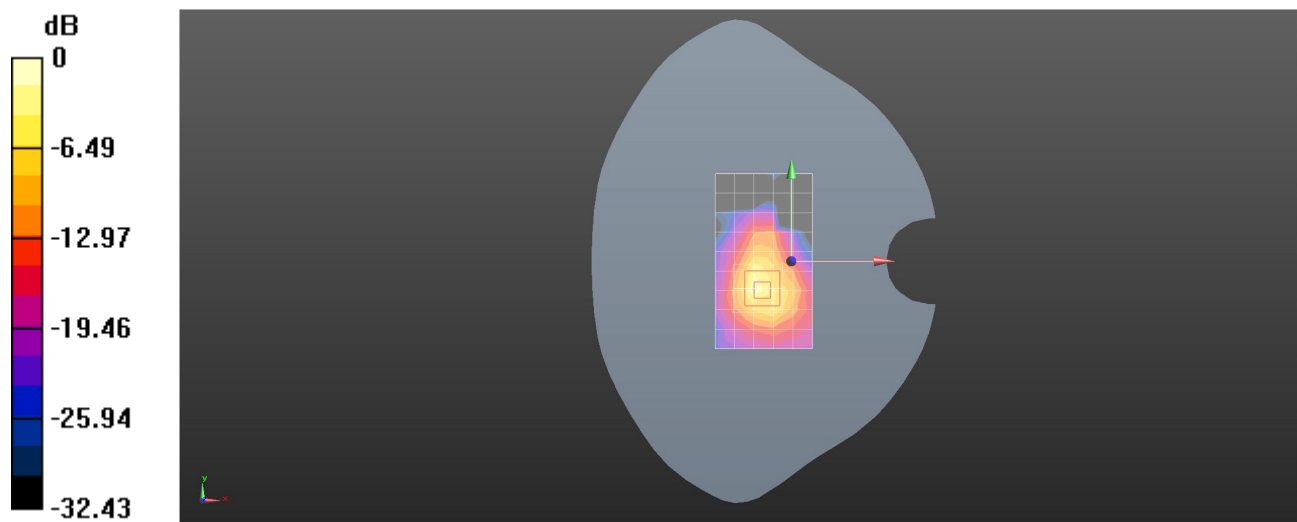
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.762 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

Test Laboratory: SGS-SAR Lab

AC006 Bluetooth DH5 78CH Top side 10mm

DUT: AC006

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.35, 7.35, 7.35); Calibrated: 2024/9/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2024/8/15
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0389 W/kg

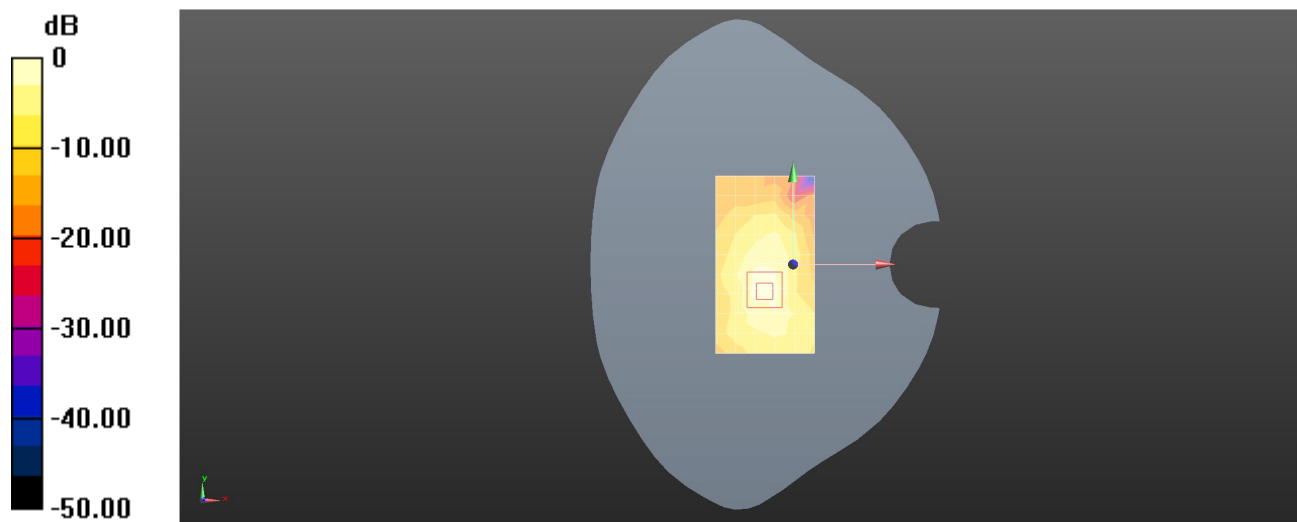
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.254 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0592 W/kg



0 dB = 0.0592 W/kg = -12.28 dBW/kg