



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

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Appendix B
Detailed Test Results

1. WIFI2.4G
WIFI2.4G for Extremity 0mm
2. WIFI5G
WIFI5G for Extremity 0mm
3. Bluetooth
Bluetooth for Extremity 0mm

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Member of the SGS Group (SGS SA)

Test Laboratory: SGS-SAR Lab

WIFI2.4G 802.11b 1CH Front side 0mm

DUT: Camera; Type: Camera;

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

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Extremity/Area Scan (8x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.611 W/kg

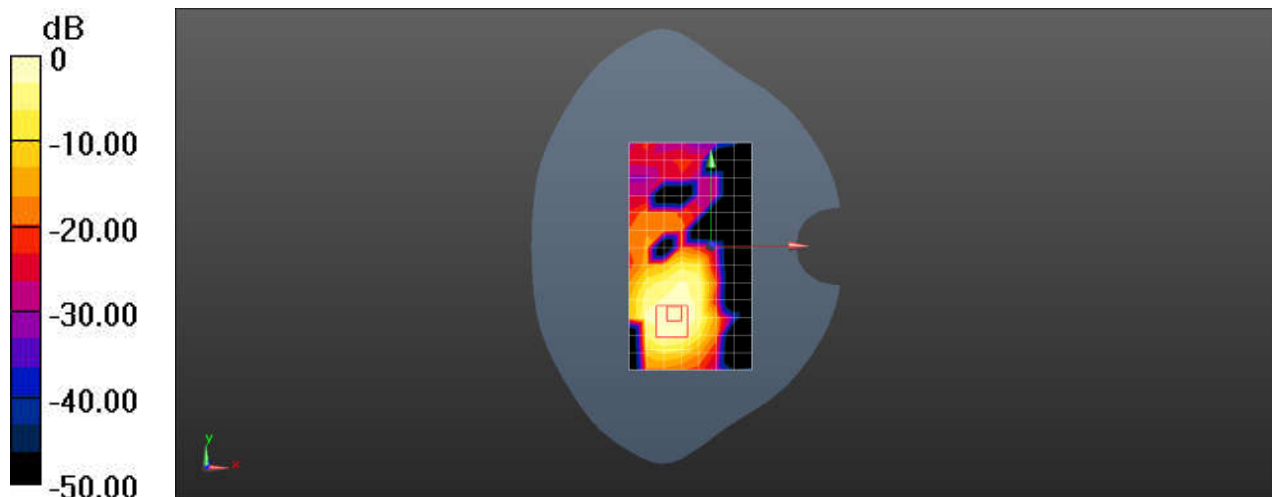
Configuration/Extremity/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.547 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.683 W/kg



0 dB = 0.683 W/kg = -1.66 dBW/kg

Test Laboratory: SGS-SAR Lab

WIFI5G 802.11a 52CH Bottom side 0mm

DUT: Camera; Type: Camera;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.704 \text{ S/m}$; $\epsilon_r = 35.58$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(5.02, 5.02, 5.02); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Extremity/Area Scan (6x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 4.89 W/kg

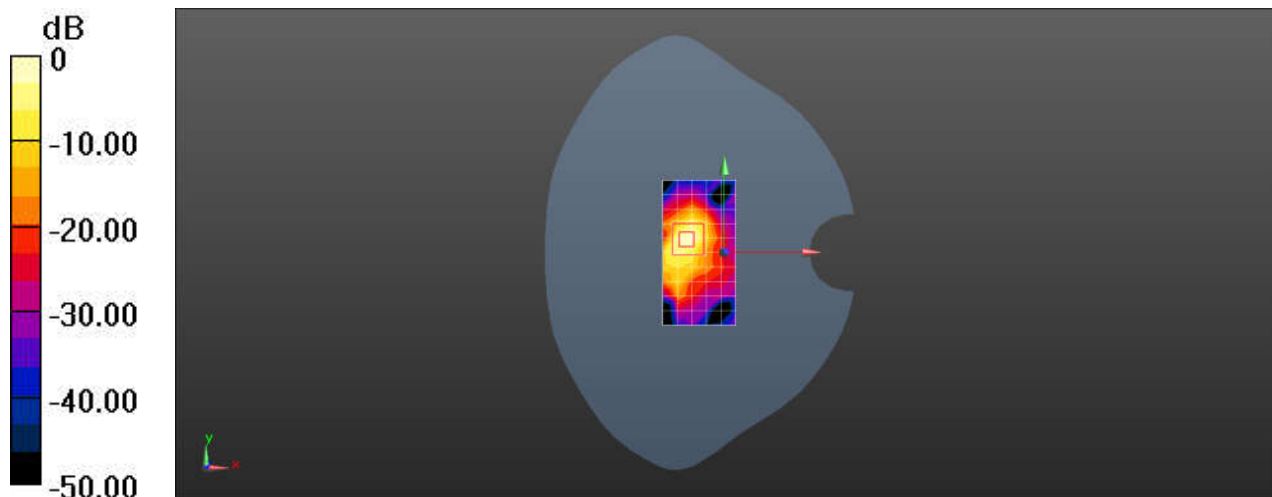
Configuration/Extremity/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 6.112 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 2.11 W/kg ; SAR(10 g) = 0.644 W/kg

Maximum value of SAR (measured) = 5.51 W/kg



$0 \text{ dB} = 4.89 \text{ W/kg} = 6.89 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

WIFI5G 802.11a 140CH Bottom side 0mm

DUT: Camera; Type: Camera;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5700$ MHz; $\sigma = 5.293$ S/m; $\epsilon_r = 34.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.48, 4.48, 4.48); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Extremity/Area Scan (6x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 5.13 W/kg

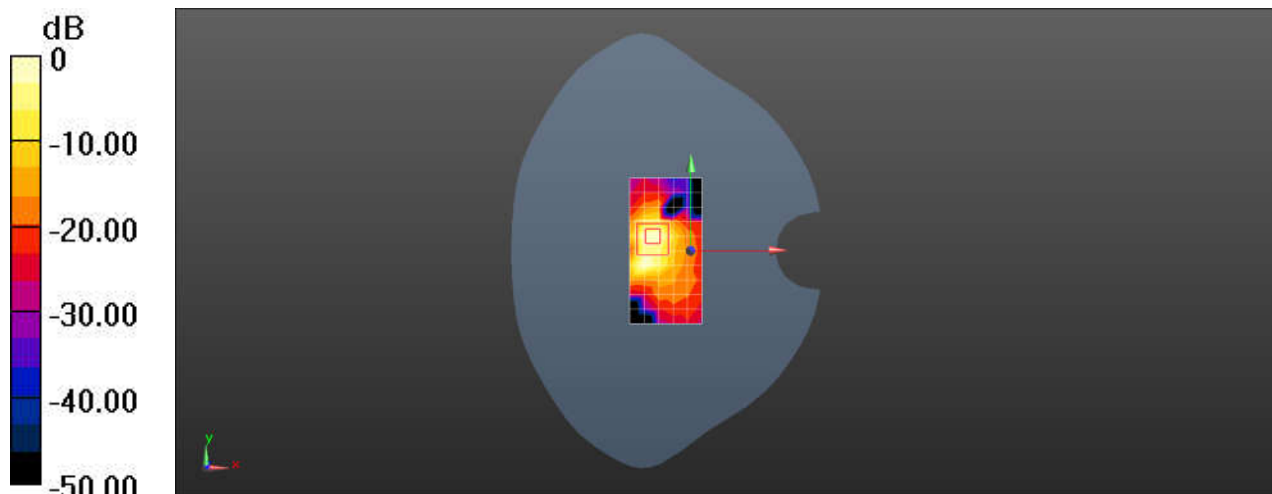
Configuration/Extremity/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.835 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(1 g) = 2.77 W/kg; SAR(10 g) = 0.827 W/kg

Maximum value of SAR (measured) = 6.29 W/kg



Test Laboratory: SGS-SAR Lab

WIFI5G 802.11a 149CH Bottom side 0mm

DUT: Camera; Type: Camera;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.353 \text{ S/m}$; $\epsilon_r = 34.592$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(4.58, 4.58, 4.58); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Extremity/Area Scan (6x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 6.58 W/kg

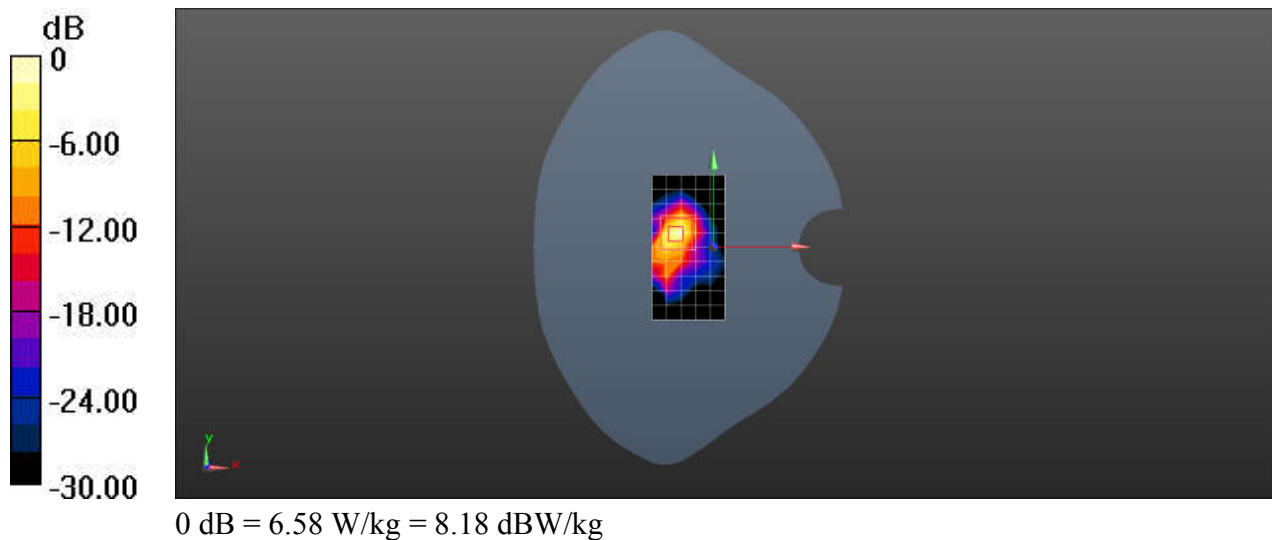
Configuration/Extremity/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 6.383 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 3.14 W/kg ; SAR(10 g) = 0.863 W/kg

Maximum value of SAR (measured) = 7.34 W/kg



Test Laboratory: SGS-SAR Lab

Bluetooth DH5 0CH Front side 0mm

DUT: Camera; Type: Camera;

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

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.907$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Extremity/Area Scan (8x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.244 W/kg

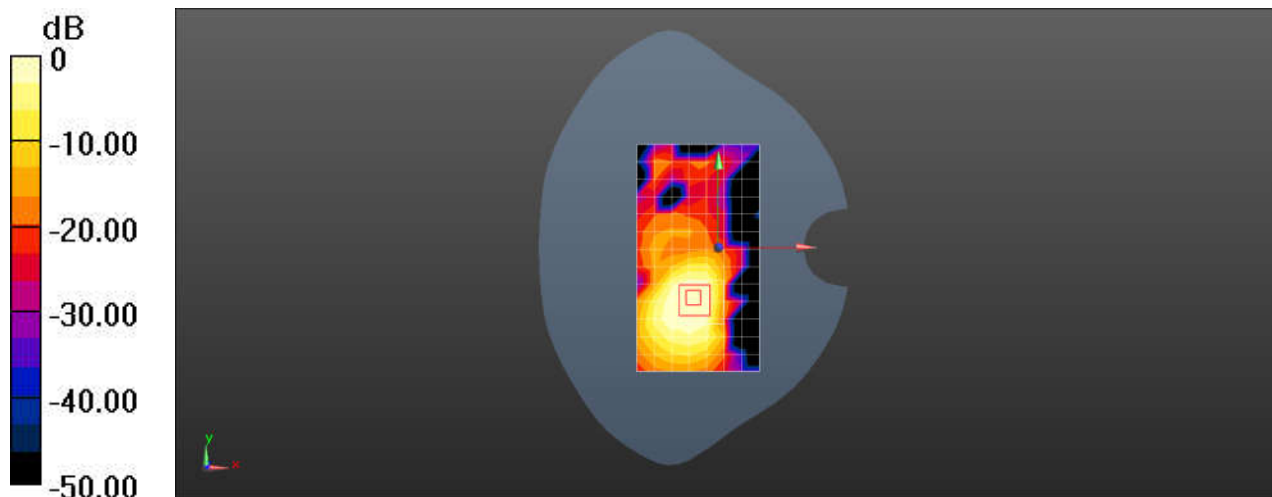
Configuration/Extremity/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.611 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.244 W/kg = -6.12 dBW/kg