



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

Report No.: SUCR241200051801  
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Appendix B  
Detailed Test Results

1.	WIFI 2.4G
2.	WIFI 5G
3.	Bluetooth

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Test Laboratory: SGS-SAR Lab

## DTHA116 WIFI2.4G 802.11b Ch6 Top side 0mm

**DUT: DTHA116; Type: LCD Android Tablet; Serial: OBL76T89V4LZRO6X**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.004

Medium: HSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.805$  S/m;  $\epsilon_r = 38.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.798 W/kg

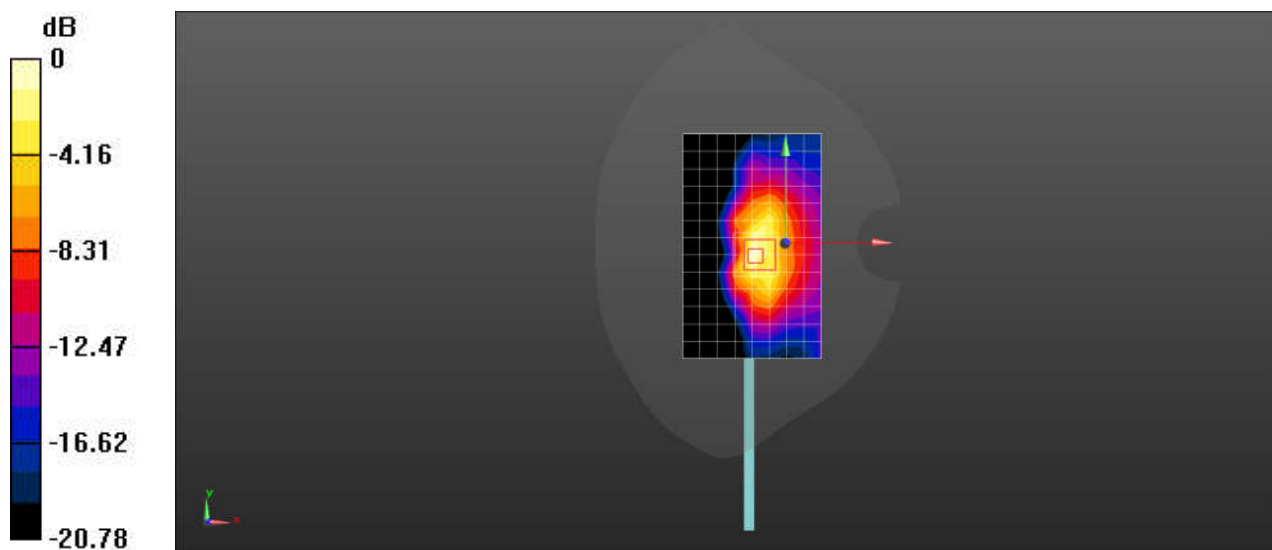
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.78 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.973 W/kg

**SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.781 W/kg



Test Laboratory: SGS-SAR Lab

## DTHA116 WIFI5G 802.11a Ch100 Top side 0mm

**DUT: DTHA116; Type: LCD Android Tablet; Serial: OBL76T89V4LZRO6X**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5500 MHz; Duty Cycle: 1:1.026

Medium: HSL5000; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.153$  S/m;  $\epsilon_r = 35.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.1, 5.1, 5.1); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x15x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.35 W/kg

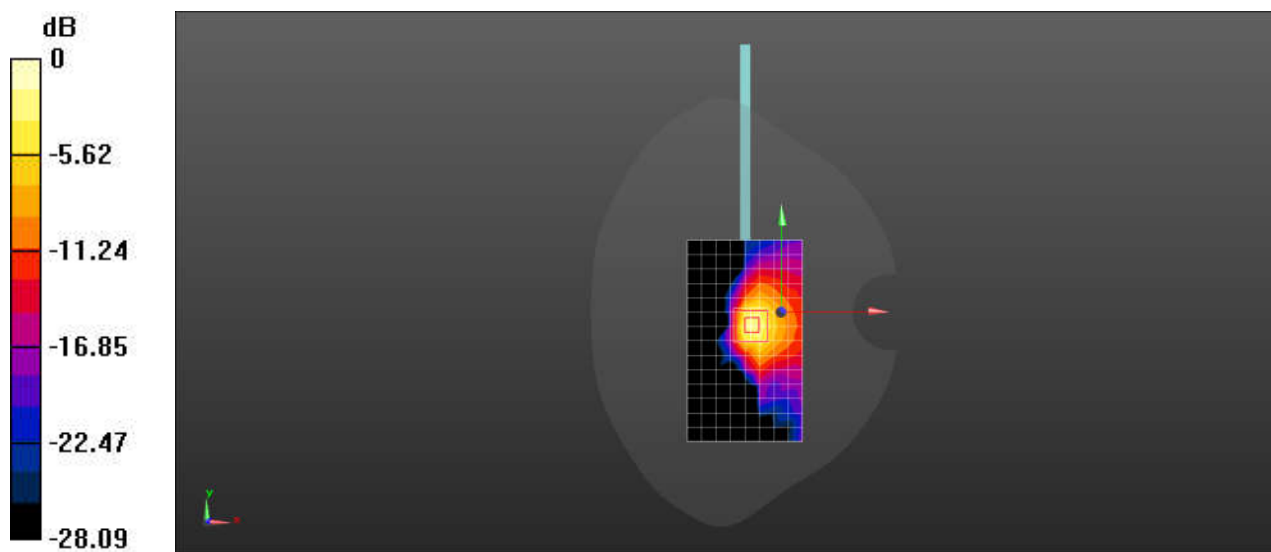
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.89 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.68 W/kg

**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

Test Laboratory: SGS-SAR Lab

## DTHA116 Bluetooth DH5 Ch0 Top side 0mm

**DUT: DTHA116; Type: LCD Android Tablet; Serial: OBL76T89V4LZRO6X**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.295

Medium: HSL2450; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/04/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.121 W/kg

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

Reference Value = 6.948 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.136 W/kg

**SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.107 W/kg

