



# Appendix B

## Detailed Test Results

|                      |
|----------------------|
| 1. WIFI              |
| WIFI 2.4GHz for Head |
| WIFI 5.2GHz for Head |
| WIFI 5.3GHz for Head |
| WIFI 5.5GHz for Head |
| WIFI 5.8GHz for Head |





Date: 2024/3/25

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 1CH Head Front side 0mm****DUT: CART; Type: 900.0025.01; Serial: A240318096-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.752 \text{ S/m}$ ;  $\epsilon_r = 39.627$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

**DASY Configuration:**

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (9x13x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$ 

Maximum value of SAR (measured) = 0.451 W/kg

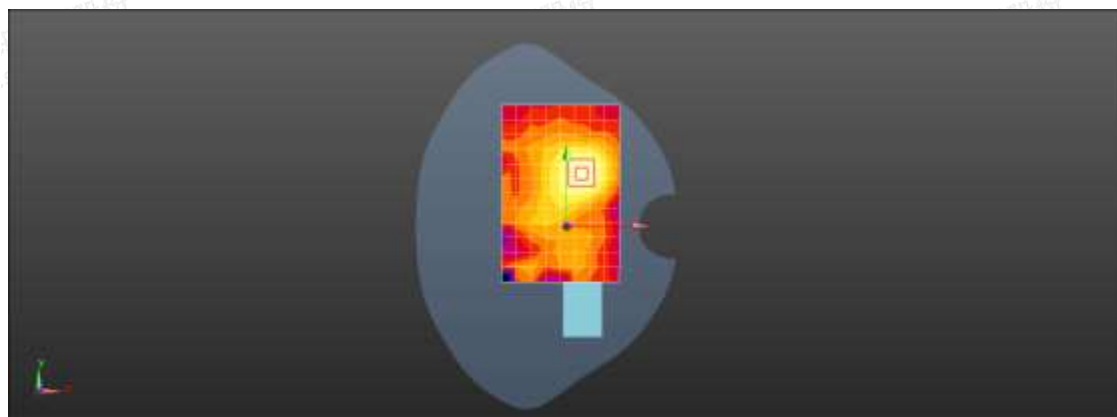
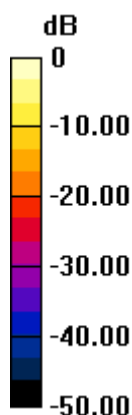
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 3.403 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.776 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2024/4/2

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 48CH Head Front 0mm****DUT: CART; Type: 900.0025.01; Serial: A240318096-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.139

Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.652 \text{ S/m}$ ;  $\epsilon_r = 36.16$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

**DASY Configuration:**

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (10x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.692 W/kg

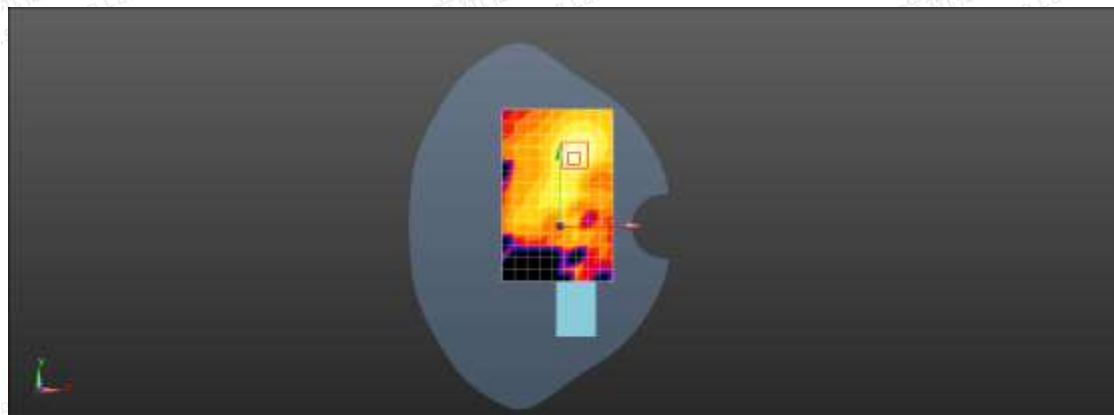
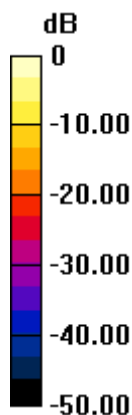
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.867 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg = -1.40 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2024/4/2

Test Laboratory: LCS-SAR Lab

**WIFI 5.3G 802.11a 52CH Head Front 0mm****DUT: CART; Type: 900.0025.01; Serial: A240318096-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.139

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.625 \text{ S/m}$ ;  $\epsilon_r = 36.012$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (10x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.754 W/kg

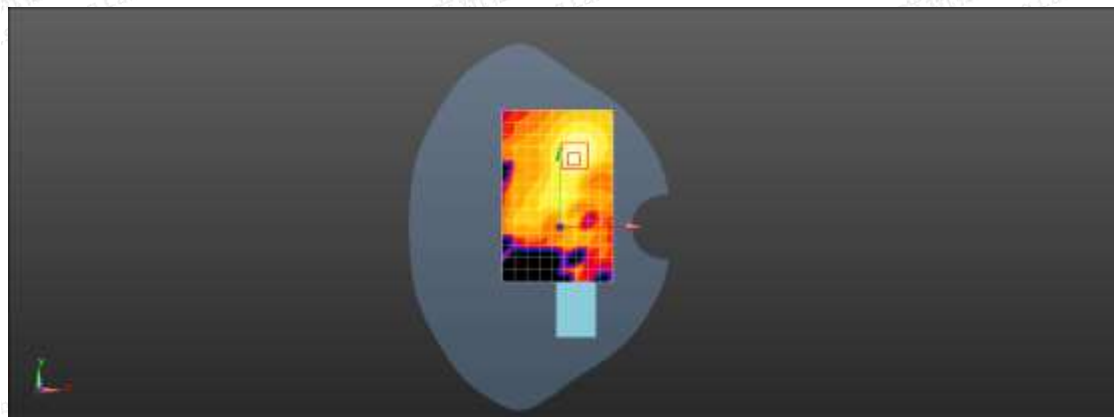
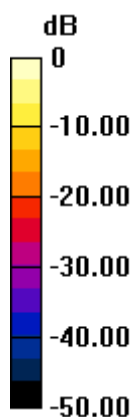
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 1.652 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2024/4/10

Test Laboratory: LCS-SAR Lab

**WIFI 5.5G 802.11a 100CH Head Front 0mm****DUT: CART; Type: 900.0025.01; Serial: A240318096-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.140

Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.894 \text{ S/m}$ ;  $\epsilon_r = 35.76$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.75, 4.75, 4.75); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (10x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.572 W/kg

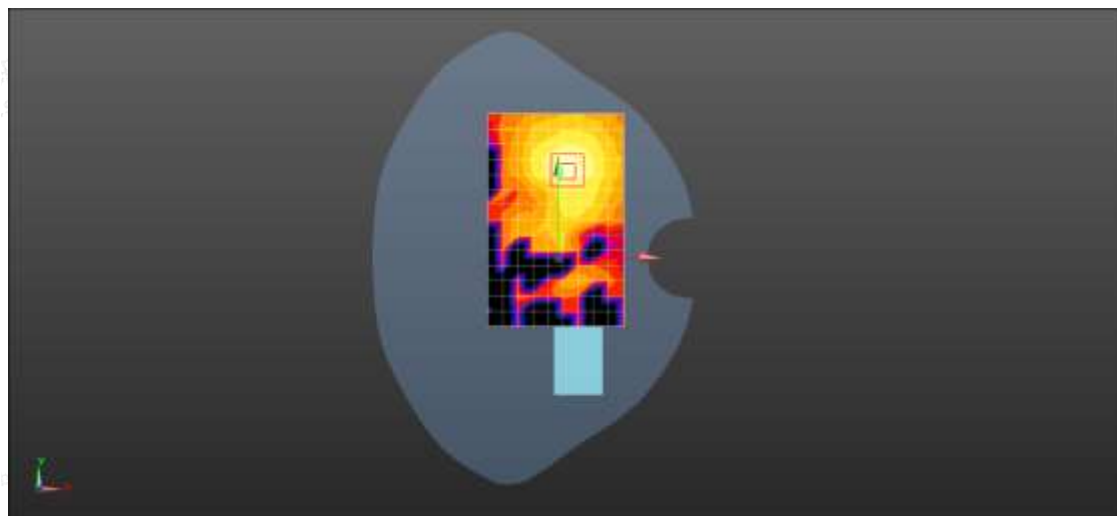
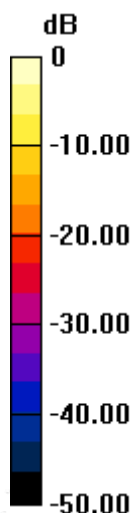
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.605 W/kg



0 dB = 0.605 W/kg = -2.18 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2024/4/22

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 157CH Head Front 0mm****DUT: CART; Type: 900.0025.01; Serial: A240318096-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.140

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.234 \text{ S/m}$ ;  $\epsilon_r = 35.443$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

**DASY Configuration:**

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (10x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.625 W/kg

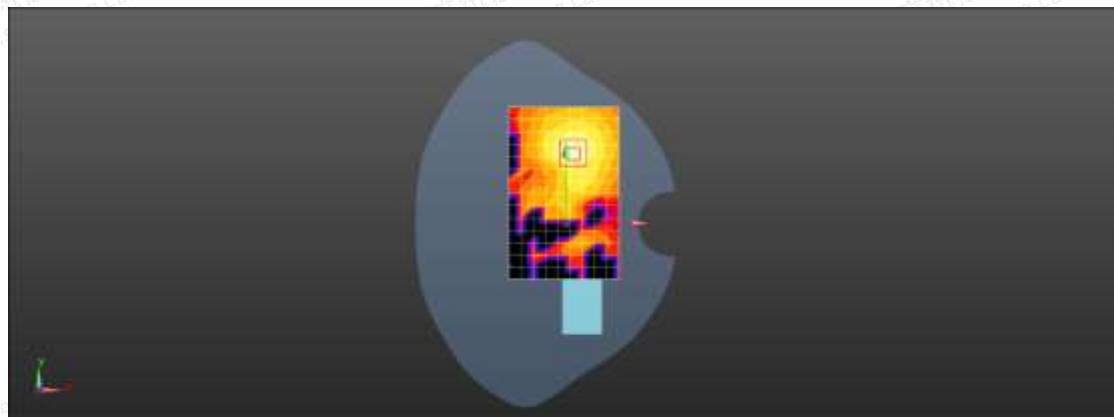
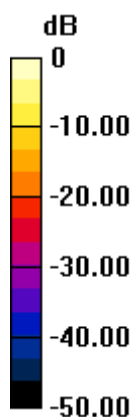
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity