



# Appendix B

## Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.3GHz for Body
WIFI 5.5GHz for Body
WIFI 5.8GHz for Body



Date: 2024/10/11

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Body Rear side 0mm****DUT: All in one; Type: D10; Serial: A241009026-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.009

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.796$  S/m;  $\epsilon_r = 39.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (11x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.487 W/kg

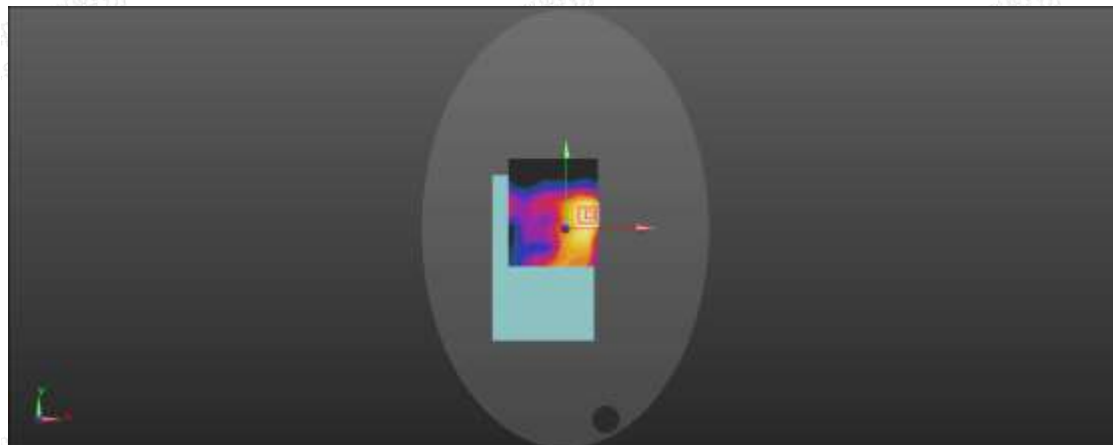
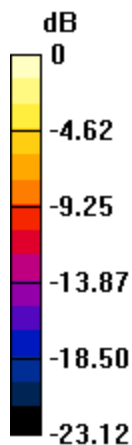
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.968 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.369 W/kg**

Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg



Date: 2024/10/24

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 48CH Body Rear side 0mm****DUT: All in one; Type: D10; Serial: A241009026-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.058

Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.777 \text{ S/m}$ ;  $\epsilon_r = 35.965$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (12x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.325 W/kg

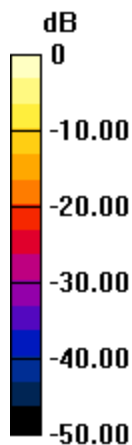
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 9.485 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 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: 2024/10/24

Test Laboratory: LCS-SAR Lab

**WIFI 5.3G 802.11a 52CH Body Rear side 0mm****DUT: All in one; Type: D10; Serial: A241009026-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.057

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.652$  S/m;  $\epsilon_r = 36.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (12x15x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.498 W/kg

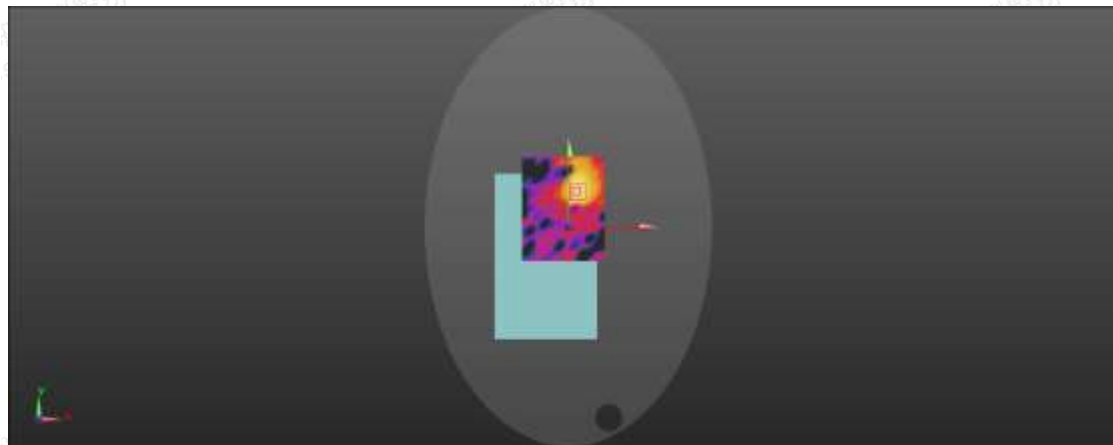
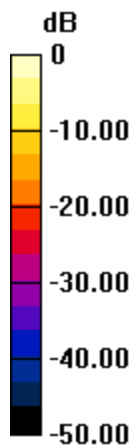
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9985 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.165 W/kg**

Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477 W/kg = -3.21 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: 2024/10/24

Test Laboratory: LCS-SAR Lab

**WIFI 5.5G 802.11a 100CH Body Rear side 0mm****DUT: All in one; Type: D10; Serial: A241009026-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.058

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.126$  S/m;  $\epsilon_r = 35.854$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (12x15x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.703 W/kg

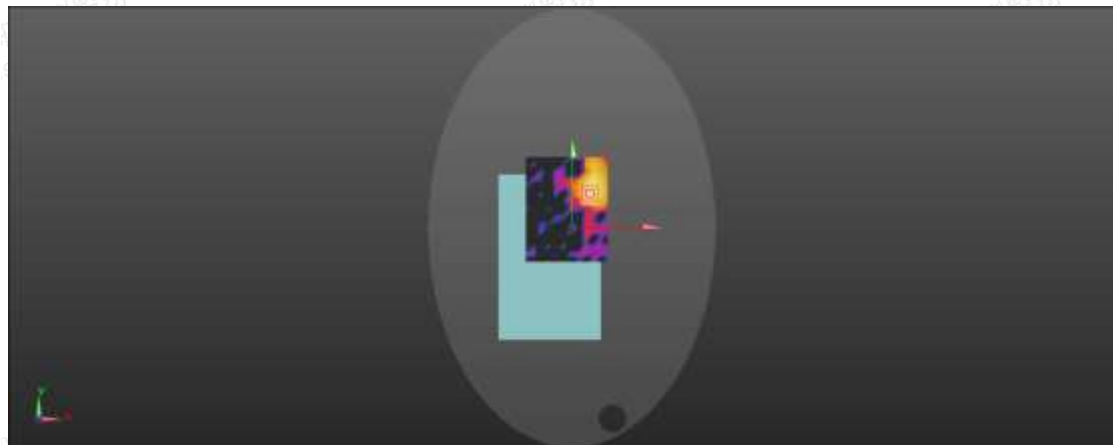
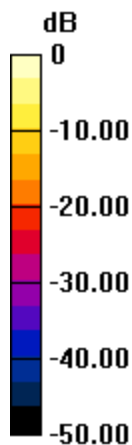
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.7745 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.695 W/kg = -1.58 dBW/kg



Date: 2024/10/24

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 157CH Body Rear side 0mm****DUT: All in one; Type: D10; Serial: A241009026-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.057

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.487 \text{ S/m}$ ;  $\epsilon_r = 35.965$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Unnamed procedure/Area Scan (12x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ 

Maximum value of SAR (measured) = 0.885 W/kg

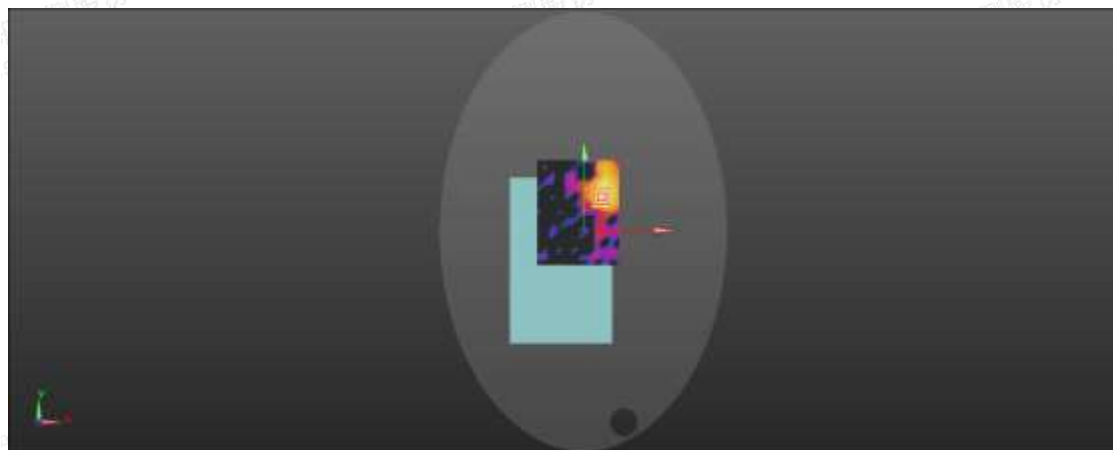
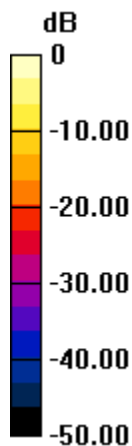
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$ 

Reference Value = 0.4469 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.169 W/kg**

Maximum value of SAR (measured) = 0.896 W/kg



0 dB = 0.896 W/kg = -0.48 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