



# Appendix B

## Detailed Test Results

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



Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Rear side 0mm Ant1****DUT: Laptop PC 16inch; Type: PN1606P; Serial: A09223011-1**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.021

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.823$  S/m;  $\epsilon_r = 40.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.50, 7.50, 7.50); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x11x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.735 W/kg

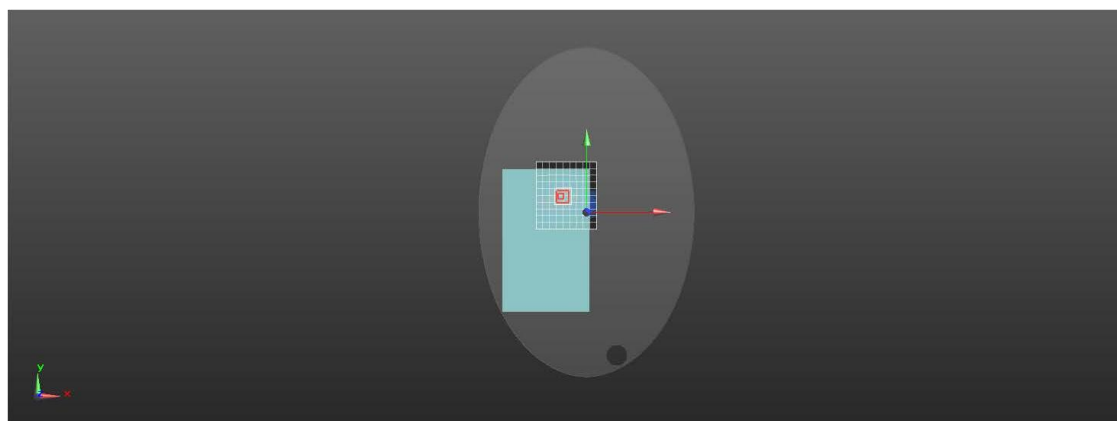
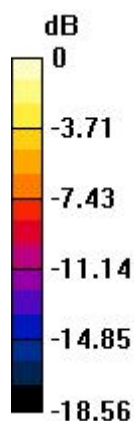
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.653 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11ac 40M 38CH Rear side 0mm Ant1****DUT: Laptop PC 16inch; Type: PN1606P; Serial: A09223011-1**

Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5190 MHz;Duty Cycle: 1:1.785

Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.636$  S/m;  $\epsilon_r = 36.667$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.45, 5.45, 5.45); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (12x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.217 W/kg

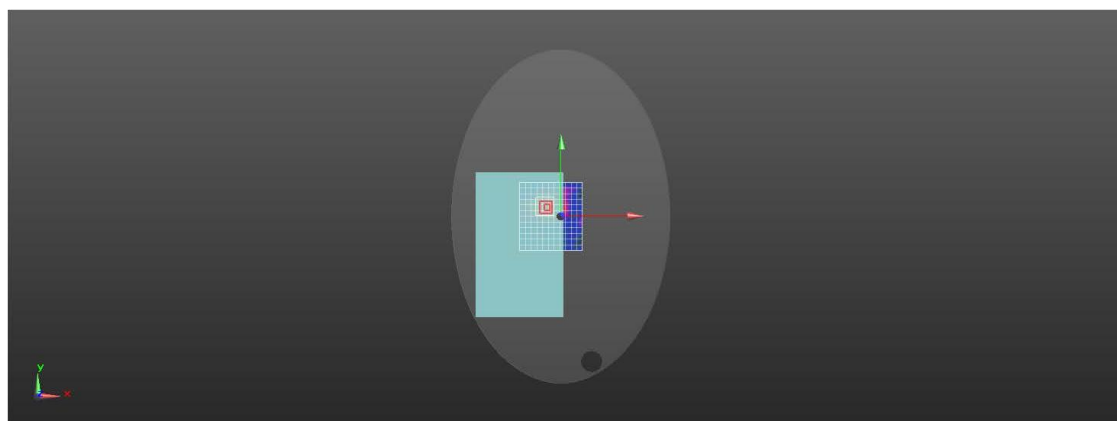
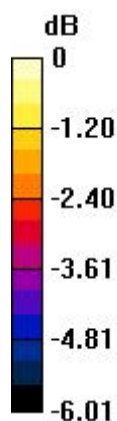
**Configuration/Body/Zoom Scan (9x9x21)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.641 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.217 W/kg = -6.63 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11ac 80M 155CH Rear side 0mm Ant1****DUT: Laptop PC 16inch; Type: PN1606P; Serial: A09223011-1**

Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5775 MHz; Duty Cycle: 1:2.583

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.222$  S/m;  $\epsilon_r = 35.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.96, 4.96, 4.96); Calibrated: 2023/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection),
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (12x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.251 W/kg

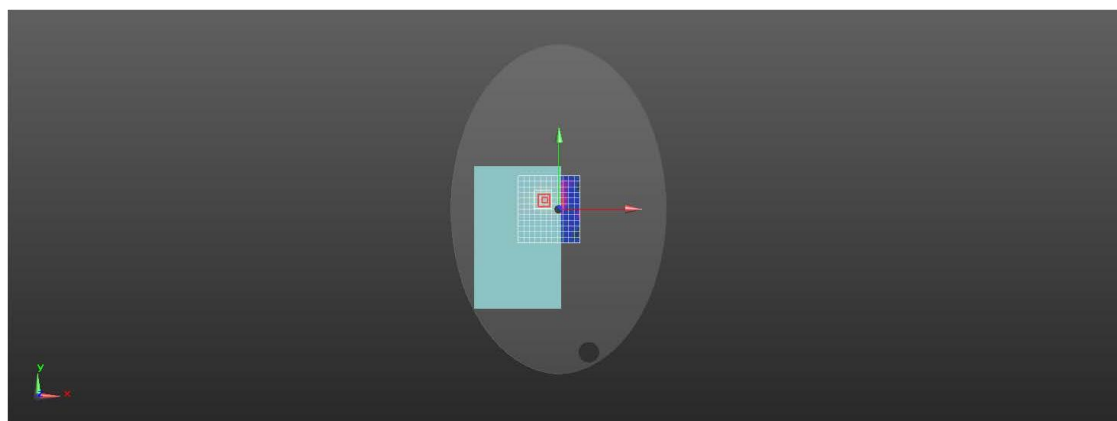
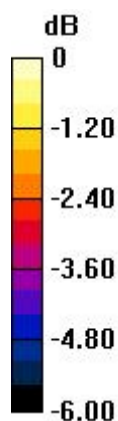
**Configuration/Body/Zoom Scan (9x9x21)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.713 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.251 W/kg = -6.01 dBW/kg

