



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**

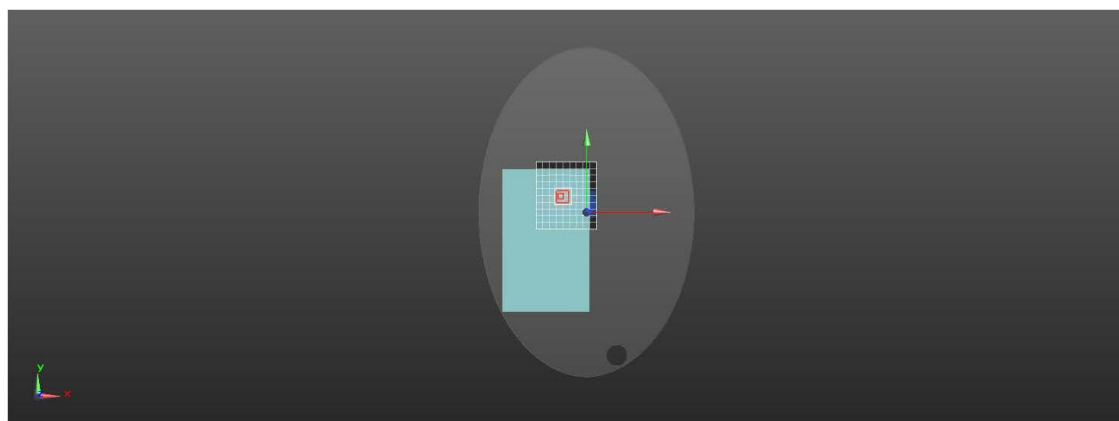
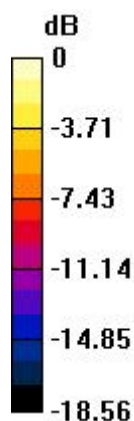
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz; Duty Cycle: 1:1.021

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.823 \text{ S/m}$; $\epsilon_r = 40.061$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=12\text{mm}$, $dy=12\text{mm}$ Maximum value of SAR (measured) = 0.735 W/kg **Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$ 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  $0 \text{ dB} = 0.735 \text{ W/kg} = -1.34 \text{ dBW/kg}$ 

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Scan code to check authenticity

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**

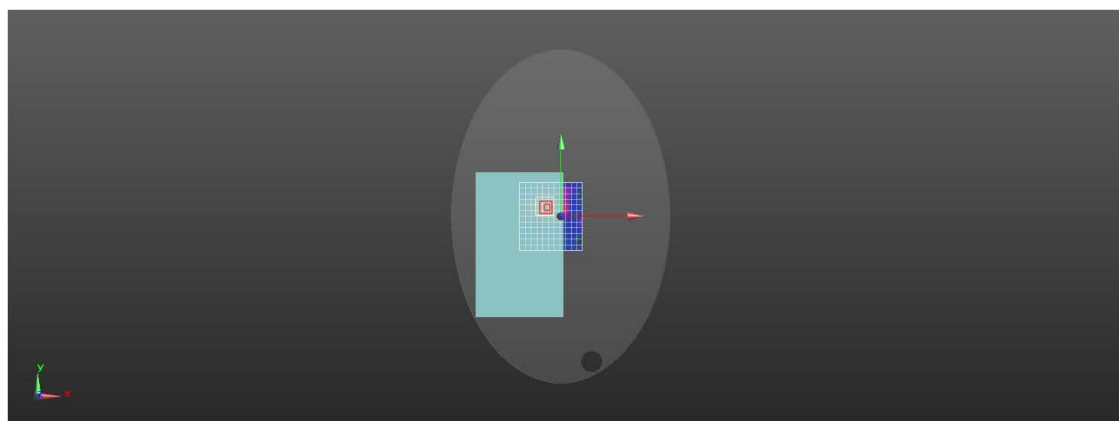
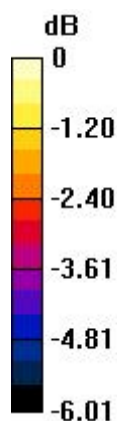
Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5190 MHz; Duty Cycle: 1:1.785

Medium parameters used: $f = 5190 \text{ MHz}$; $\sigma = 4.636 \text{ S/m}$; $\epsilon_r = 36.667$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.217 W/kg **Configuration/Body/Zoom Scan (9x9x21)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$ 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  $0 \text{ dB} = 0.217 \text{ W/kg} = -6.63 \text{ dBW/kg}$ 

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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**

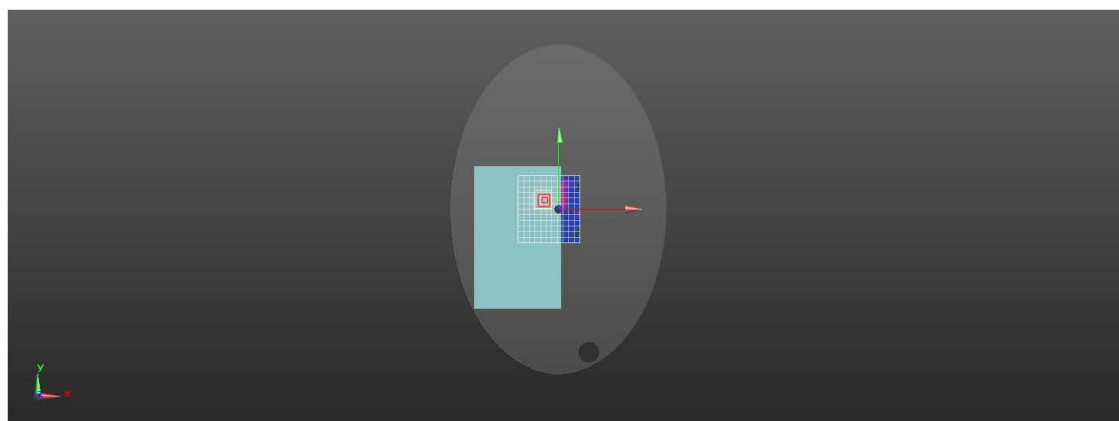
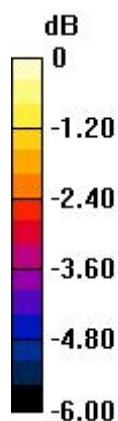
Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5775 MHz; Duty Cycle: 1:2.583

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.222 \text{ S/m}$; $\epsilon_r = 35.184$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.251 W/kg **Configuration/Body/Zoom Scan (9x9x21)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$ 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  $0 \text{ dB} = 0.251 \text{ W/kg} = -6.01 \text{ dBW/kg}$ 

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