



# 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 802.11n 11CH Rear side 0mm Ant0**

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

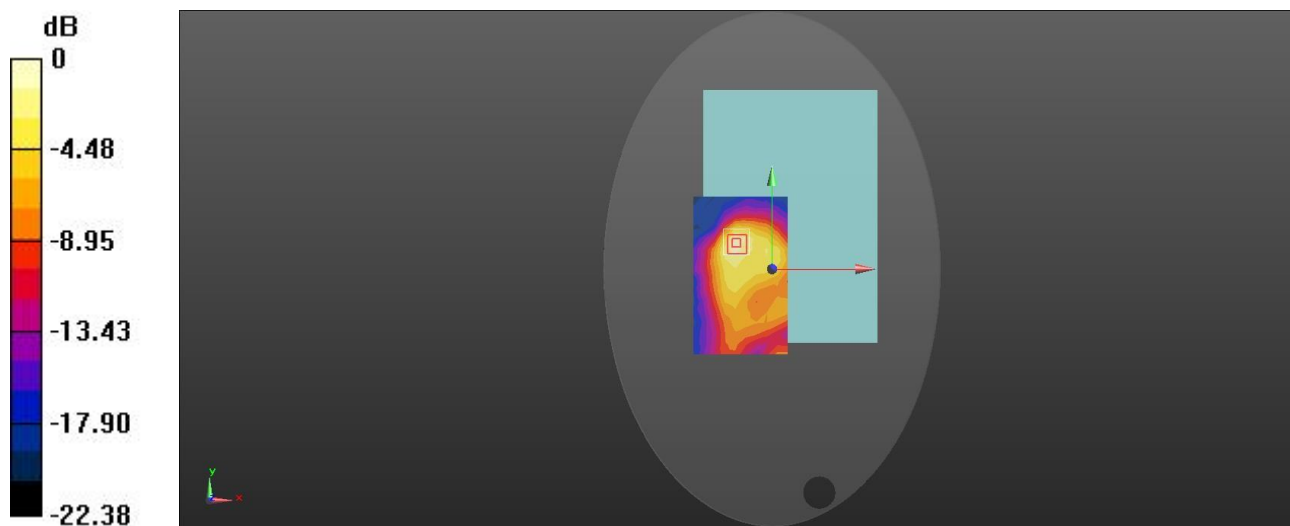
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.034  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.812 \text{ S/m}$ ;  $\epsilon_r = 39.16$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 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 (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) = 0.186 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 = 6.805 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.312 W/kg  
**SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.265 W/kg**  
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 1CH Rear side 0mm Ant1**

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

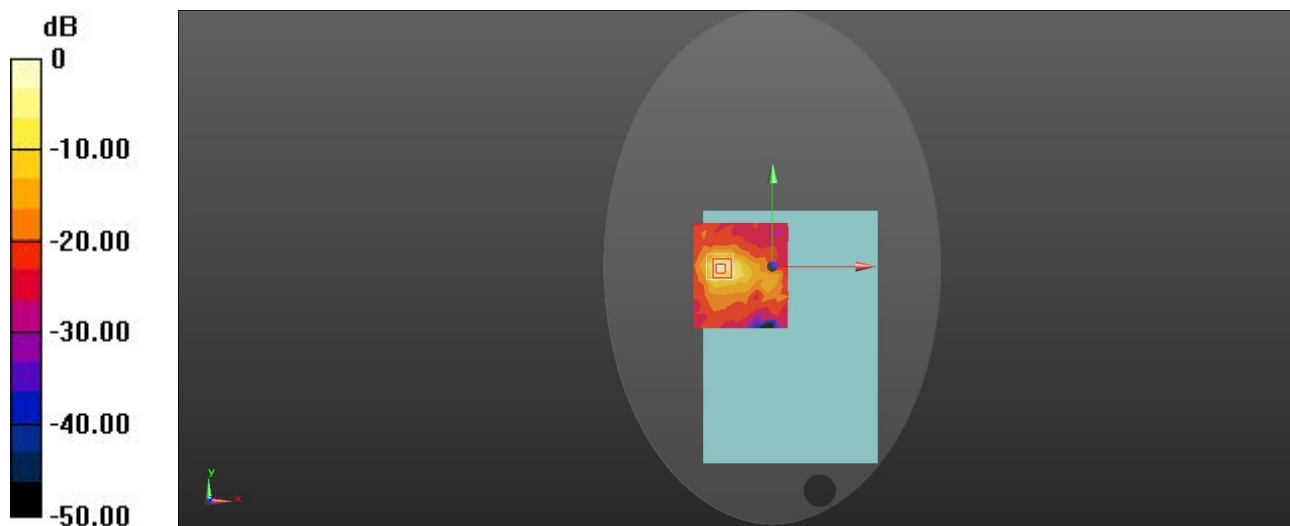
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.008  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.787$  S/m;  $\epsilon_r = 39.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 0.264 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 8.106 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.544 W/kg  
**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.105 W/kg**  
Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11ac80 42CH Rear side 0mm Ant0**

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

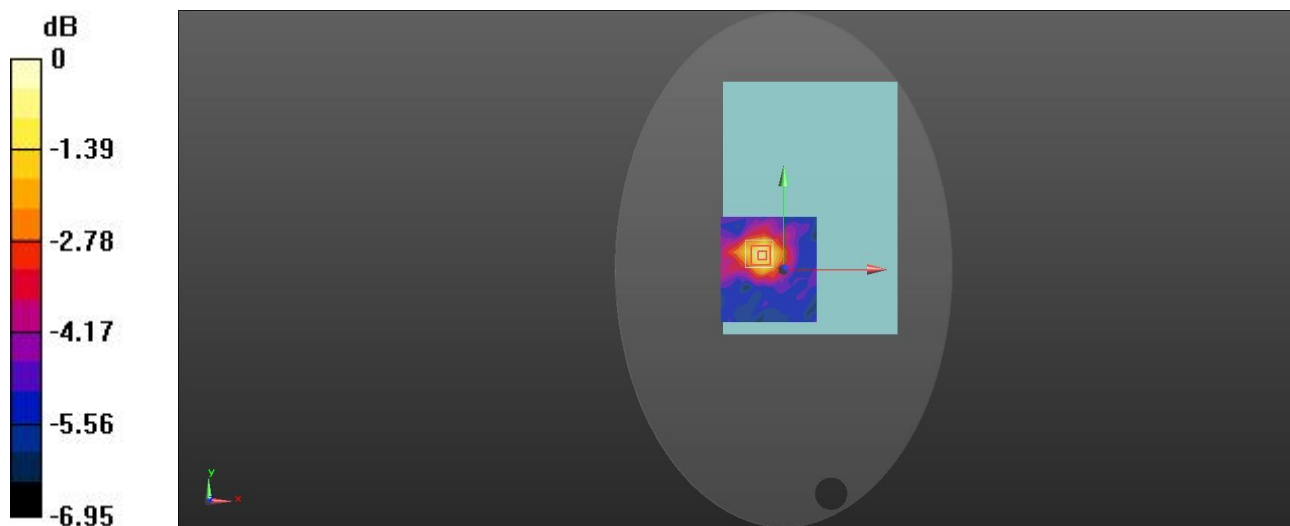
Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5210 MHz;Duty Cycle: 1:1.135  
Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.797 \text{ S/m}$ ;  $\epsilon_r = 37.047$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 0.222 W/kg

**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
Reference Value = 5.138 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.283 W/kg  
**SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.172 W/kg**  
Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 36CH Rear side 0mm Ant1**

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5180 MHz;Duty Cycle: 1:1.058

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.875$  S/m;  $\epsilon_r = 36.985$ ;  $\rho = 1000$  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 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 (11x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.225 W/kg

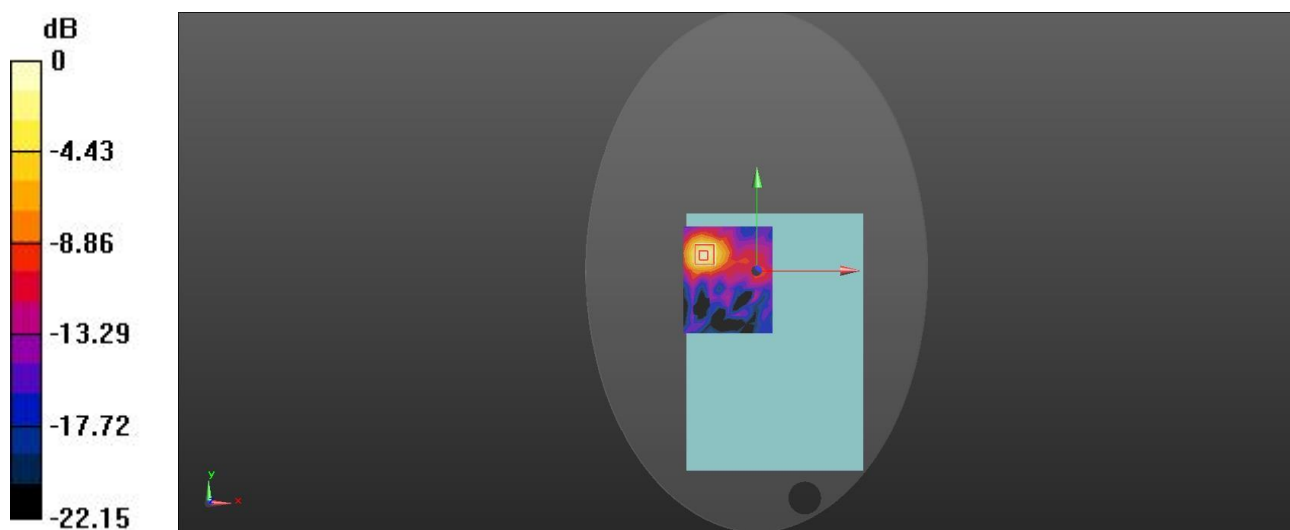
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.735 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 149CH Rear side 0mm Ant0**

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

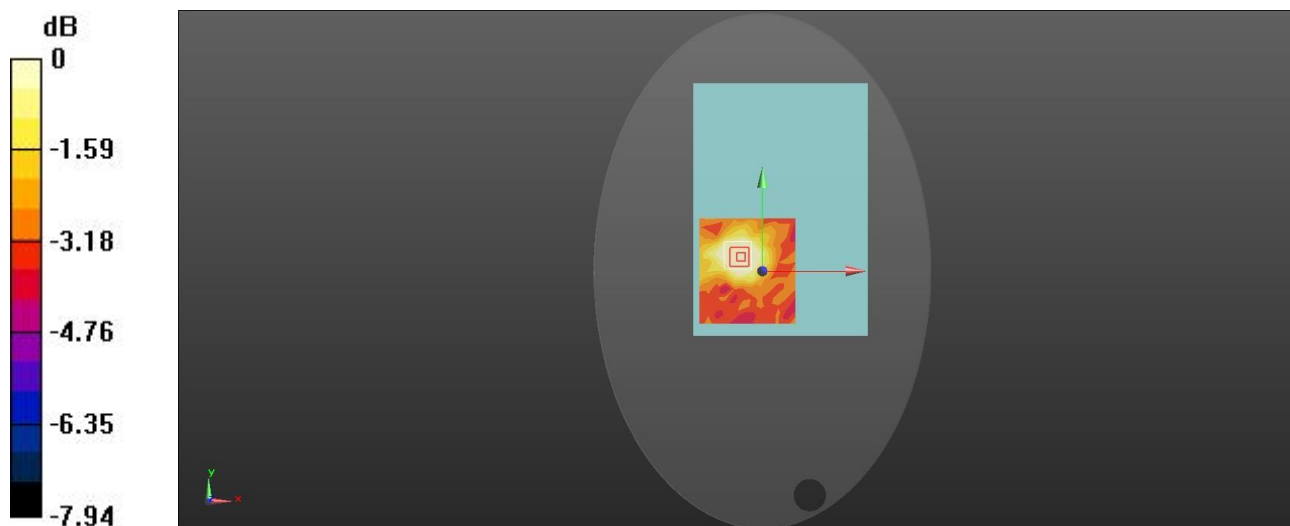
Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5745 MHz;Duty Cycle: 1:1.032  
Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.405 \text{ S/m}$ ;  $\epsilon_r = 35.442$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 0.158 W/kg

**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$   
Reference Value = 5.062 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.220 W/kg  
**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.137 W/kg**  
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg



Test Laboratory: LCS-SAR Lab

### WIFI 5.8G 802.11a 157CH Rear side 0mm Ant1

**DUT: Notebook computer; Type: ViosBook; Serial: A08283163-1**

Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1.058

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.115 \text{ S/m}$ ;  $\epsilon_r = 35.857$ ;  $\rho = 1000 \text{ kg/m}^3$

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 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 (11x13x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.141 W/kg

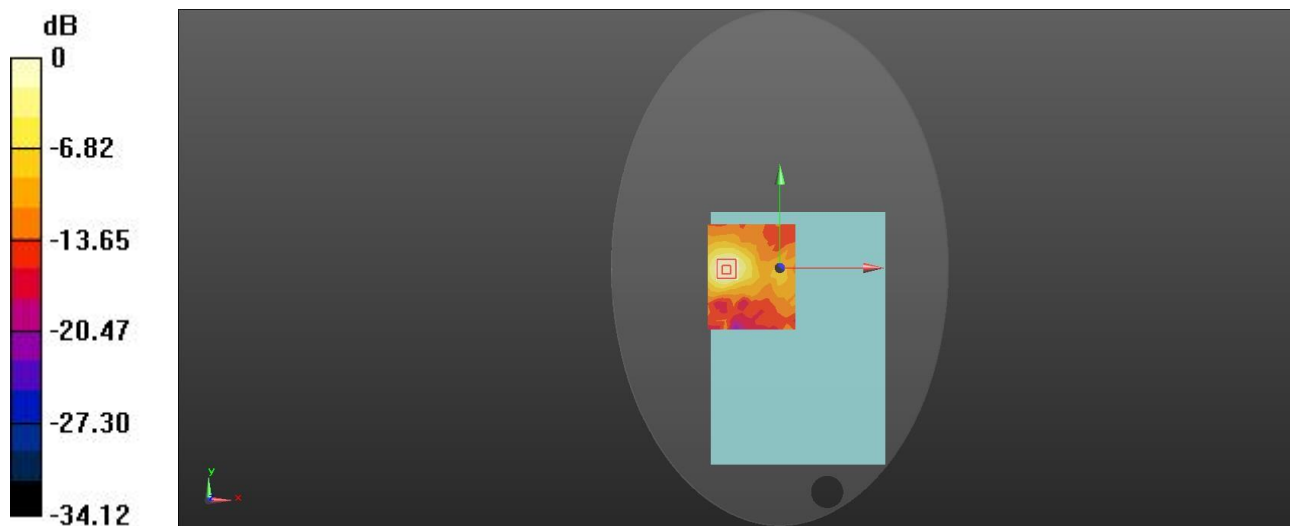
**Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.105 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.172 W/kg

**SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

