



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 1CH Rear side 0mm Ant1**DUT: Portable displayDR158W; Type: DR158W; Serial: A11023060-1**

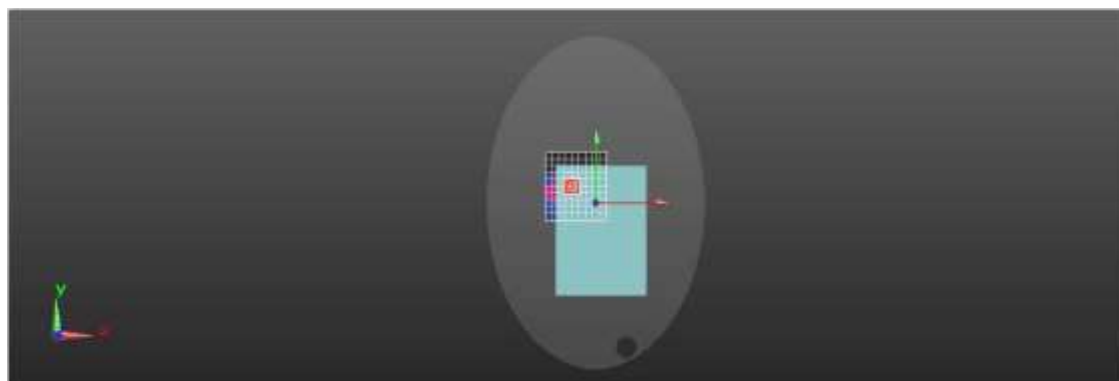
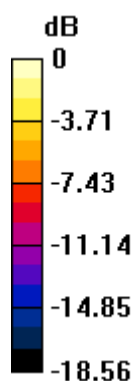
Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.785 \text{ S/m}$; $\epsilon_r = 39.252$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.714 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 = 3.638 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 2.10 W/kg **SAR(1 g) = 0.453 W/kg ; SAR(10 g) = 0.168 W/kg** Maximum value of SAR (measured) = 1.04 W/kg 0 dB = 0.714 W/kg = -1.46 dBW/kg 

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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Rear side 0mm Ant1**DUT: Portable displayDR158W; Type: DR158W; Serial: A11023060-1**

Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.744 \text{ S/m}$; $\epsilon_r = 36.517$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.546 W/kg

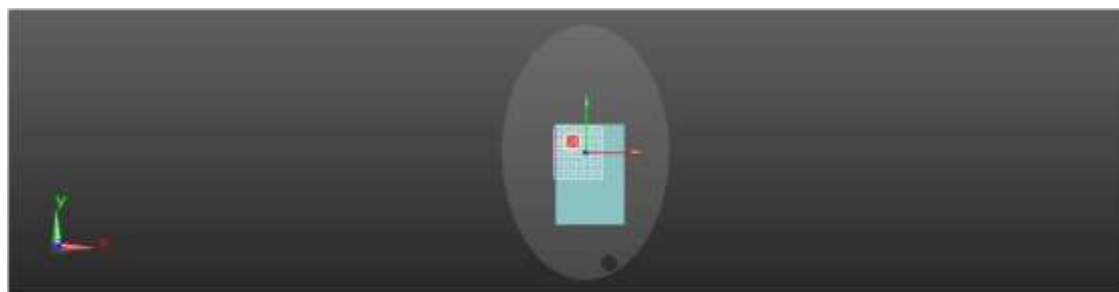
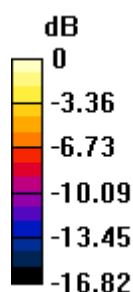
Configuration/Body/Zoom Scan (9x9x21)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.579 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.546 W/kg = -2.63 dBW/kg



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Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Rear side 0mm Ant1**DUT: Portable displayDR158W; Type: DR158W; Serial: A11023060-1**

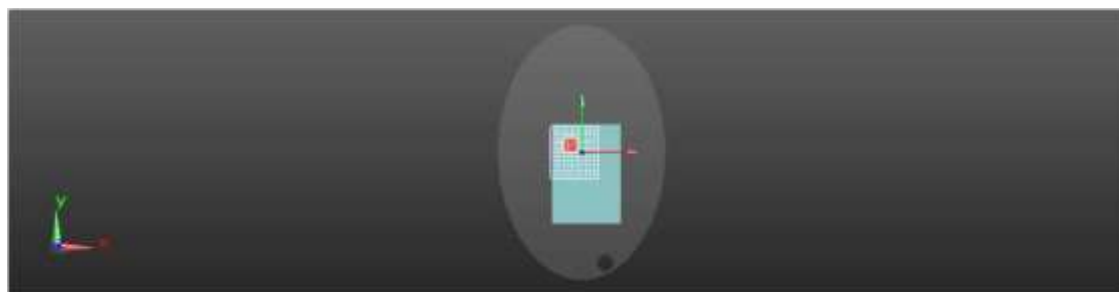
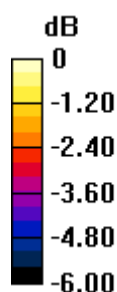
Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5825 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.378 \text{ S/m}$; $\epsilon_r = 35.067$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.262 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 = 5.760 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 0.325 W/kg **SAR(1 g) = 0.237 W/kg ; SAR(10 g) = 0.180 W/kg** Maximum value of SAR (measured) = 0.288 W/kg  $0 \text{ dB} = 0.262 \text{ W/kg} = -5.81 \text{ dBW/kg}$ 

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