



Appendix B

Detailed Test Results

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





Date: 2024/2/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm-ANT1**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.004

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.615$; $\rho = 1000$ kg/m³

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 (9x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.206 W/kg

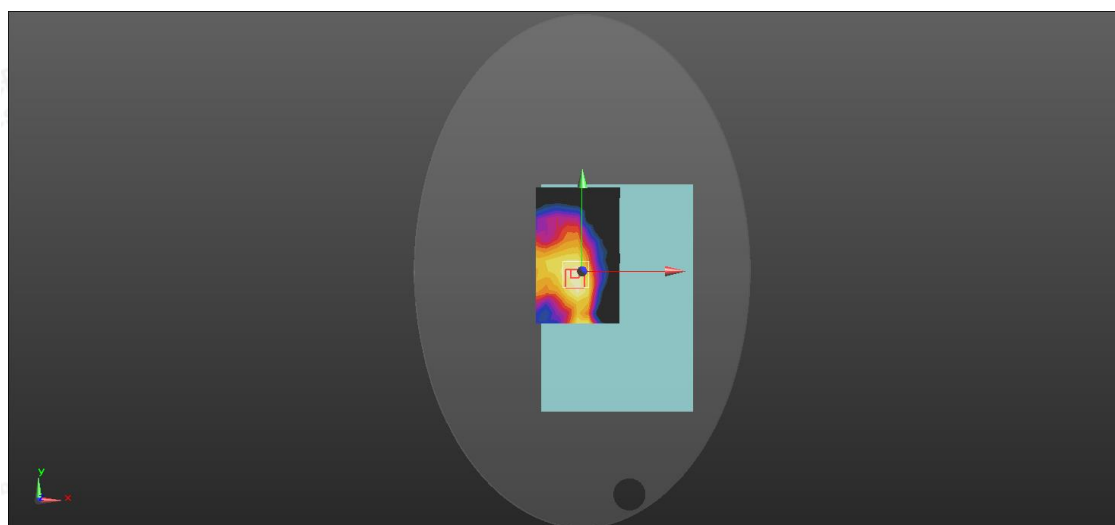
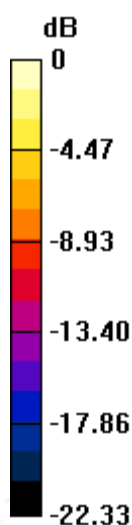
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.541 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.54 dBW/kg



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Date: 2024/2/23

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm-ANT2**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.004

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.615$; $\rho = 1000$ kg/m³

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 (9x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.204 W/kg

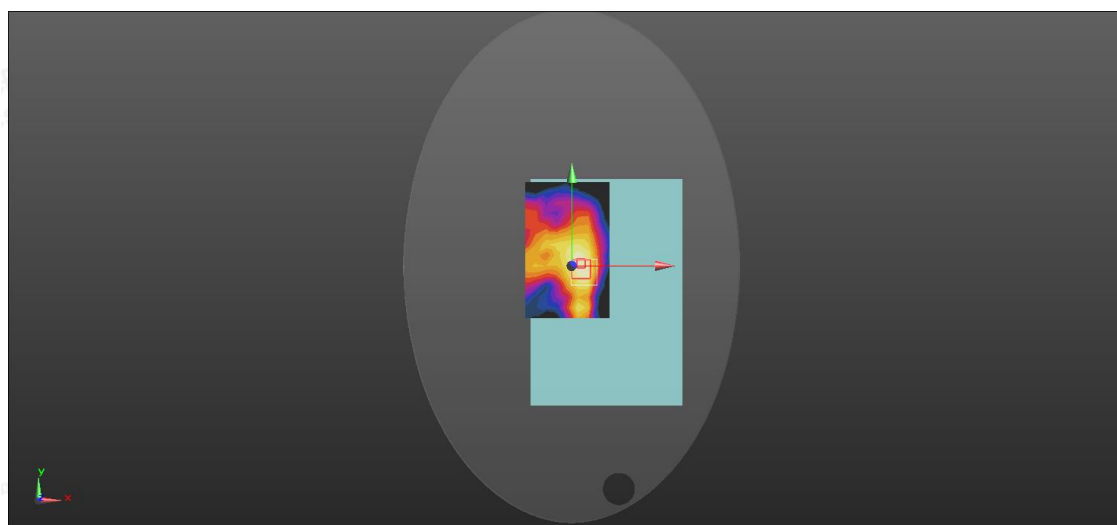
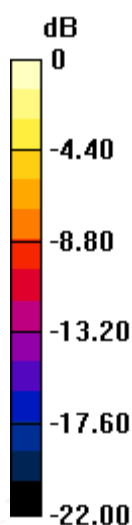
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.910 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg



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Date: 2024/2/26

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Rear side 0mm-ANT1**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.674 \text{ S/m}$; $\epsilon_r = 35.587$; $\rho = 1000 \text{ kg/m}^3$

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/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.195 W/kg

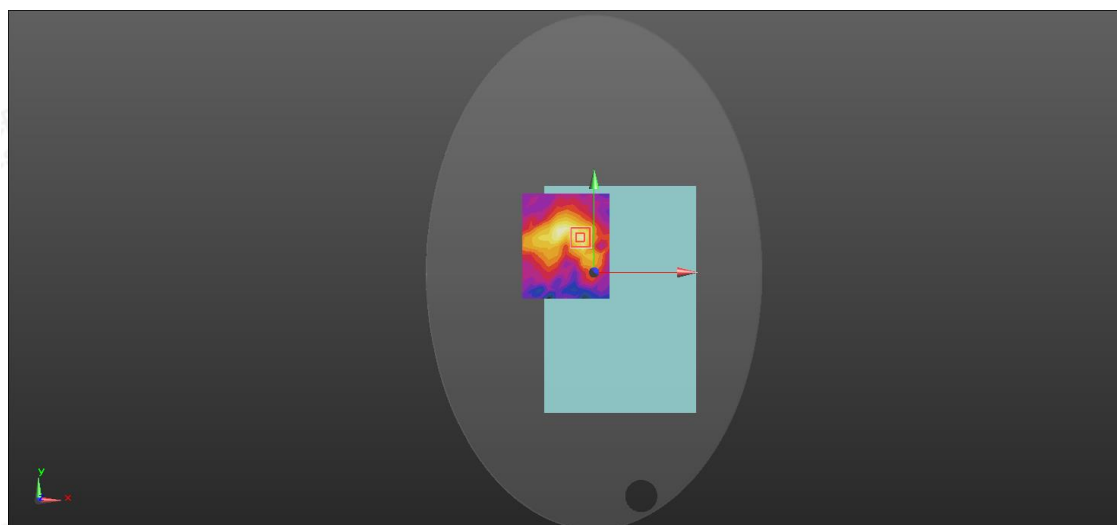
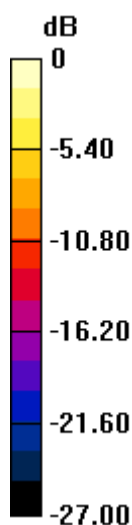
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.9710 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg = -6.25 dBW/kg



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Date: 2024/2/26

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 0mm-ANT2**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

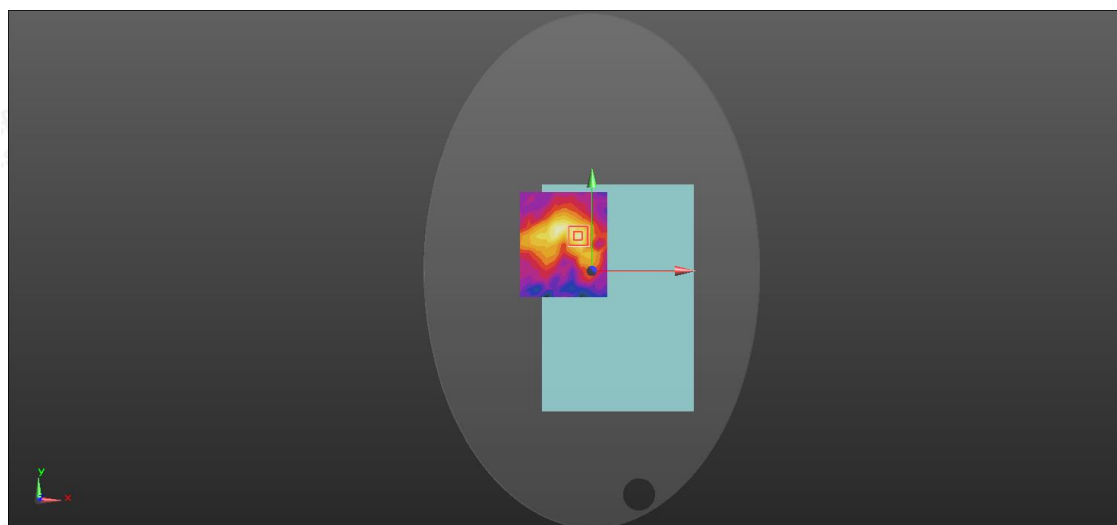
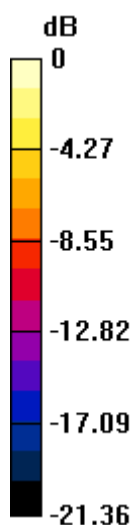
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.619 \text{ S/m}$; $\epsilon_r = 35.91$; $\rho = 1000 \text{ kg/m}^3$

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/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.214 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 = 1.825 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 0.556 W/kg **SAR(1 g) = 0.120 W/kg ; SAR(10 g) = 0.038 W/kg** Maximum value of SAR (measured) = 0.253 W/kg  $0 \text{ dB} = 0.253 \text{ W/kg} = -5.97 \text{ dBW/kg}$ 

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Date: 2024/2/27

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 157CH Rear side 0mm-ANT1**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

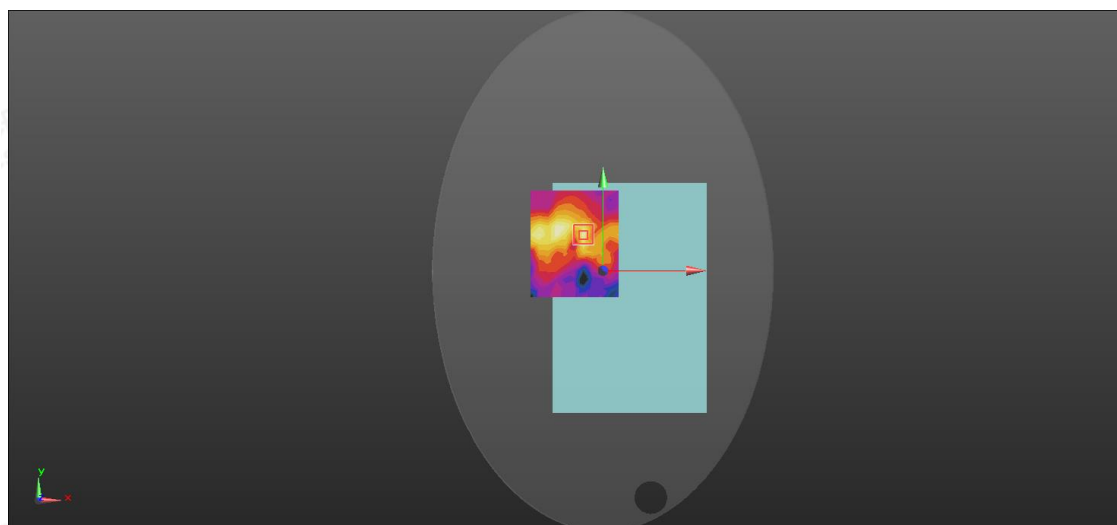
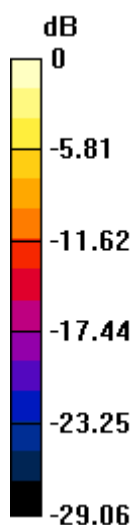
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.18 \text{ S/m}$; $\epsilon_r = 35.529$; $\rho = 1000 \text{ kg/m}^3$

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/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.289 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 = 1.027 V/m ; Power Drift = 0.14 dB Peak SAR (extrapolated) = 0.941 W/kg **SAR(1 g) = 0.132 W/kg ; SAR(10 g) = 0.033 W/kg** Maximum value of SAR (measured) = 0.302 W/kg  $0 \text{ dB} = 0.302 \text{ W/kg} = -5.20 \text{ dBW/kg}$ 

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Date: 2024/2/27

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm-ANT2**DUT: SC-5032WKB; Type: 10.1 inch Tablet with Windows OS; Serial: A01294073-1**

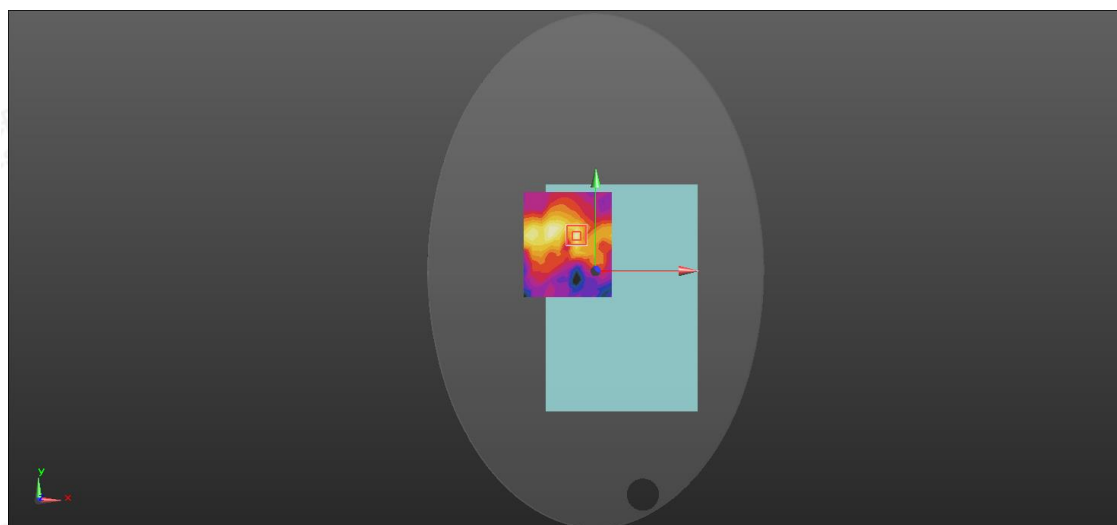
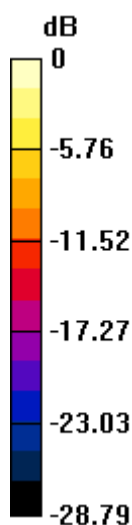
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.032

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.276 \text{ S/m}$; $\epsilon_r = 35.326$; $\rho = 1000 \text{ kg/m}^3$

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/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.296 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 = 1.080 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 0.976 W/kg **SAR(1 g) = 0.141 W/kg ; SAR(10 g) = 0.037 W/kg** Maximum value of SAR (measured) = 0.321 W/kg  $0 \text{ dB} = 0.321 \text{ W/kg} = -4.93 \text{ dBW/kg}$ 

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