



Appendix B

Detailed Test Results

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





Date: 2024/5/27

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm**DUT: NexDock XL; Type: NexDock XL; Serial: A240530006-1**

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

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.765 \text{ S/m}$; $\epsilon_r = 38.587$; $\rho = 1000 \text{ kg/m}^3$

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 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 (11x13x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.945 W/kg

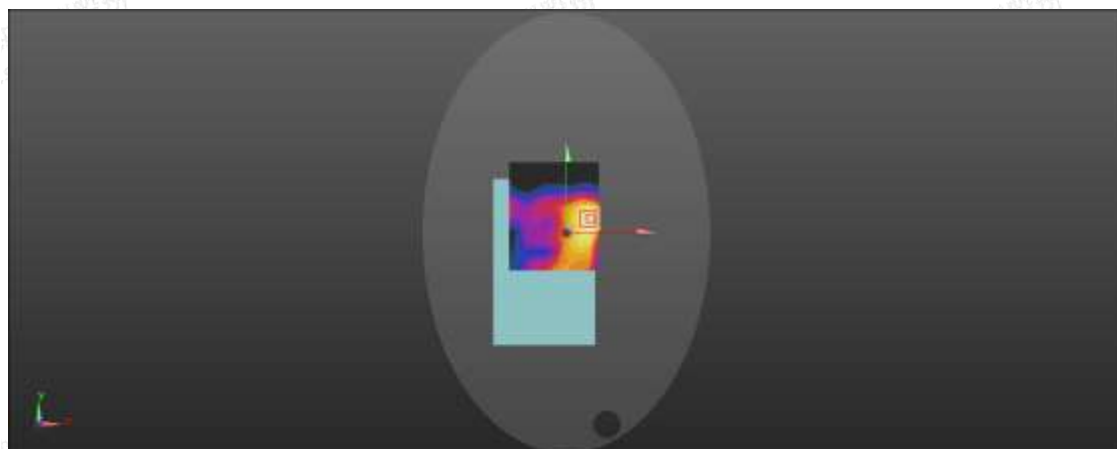
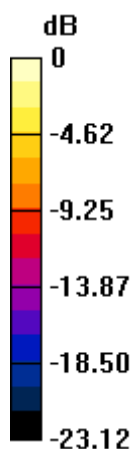
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.214 V/m; Power Drift = -0.12dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 0.966W/kg



0 dB = 0.966W/kg = -0.15 dBW/kg



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Scan code to check authenticity



Date: 2024/6/3

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Body Rear 0mm**DUT: NexDock XL; Type: NexDock XL; Serial: A240530006-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.577 \text{ S/m}$; $\epsilon_r = 36.224$; $\rho = 1000 \text{ kg/m}^3$

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/Unnamed procedure/Area Scan (12x15x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.571 W/kg

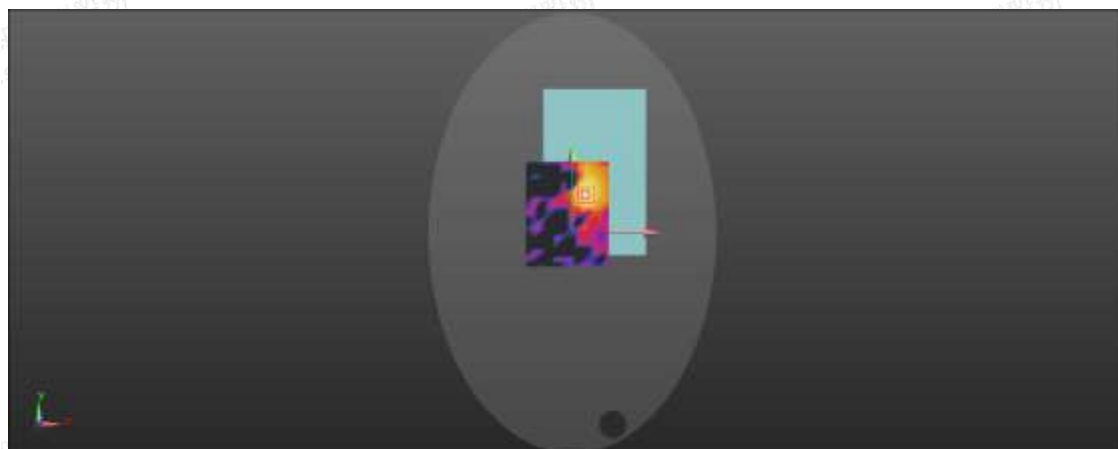
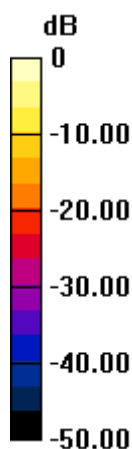
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.465 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.584W/kg



0 dB = 0.584W/kg = -2.34 dBW/kg



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Date: 2024/6/3

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11ac40 159CH Body Rear 0mm**DUT: NexDock XL; Type: NexDock XL; Serial: A240530006-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 5.436 \text{ S/m}$; $\epsilon_r = 36.605$; $\rho = 1000 \text{ kg/m}^3$

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/Unnamed procedure/Area Scan (12x15x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.454 W/kg

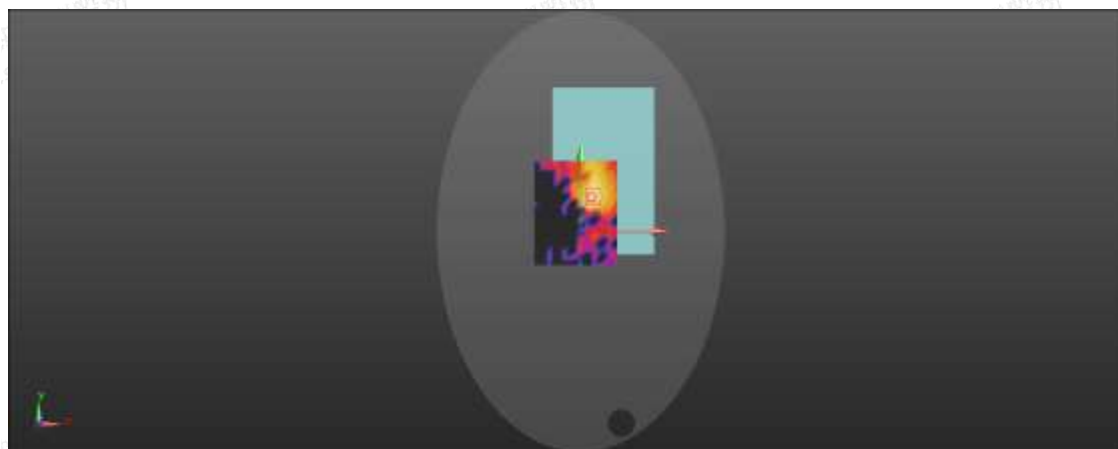
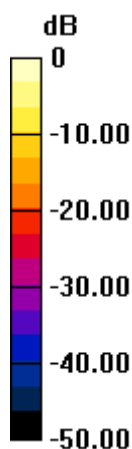
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.318 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg



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