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

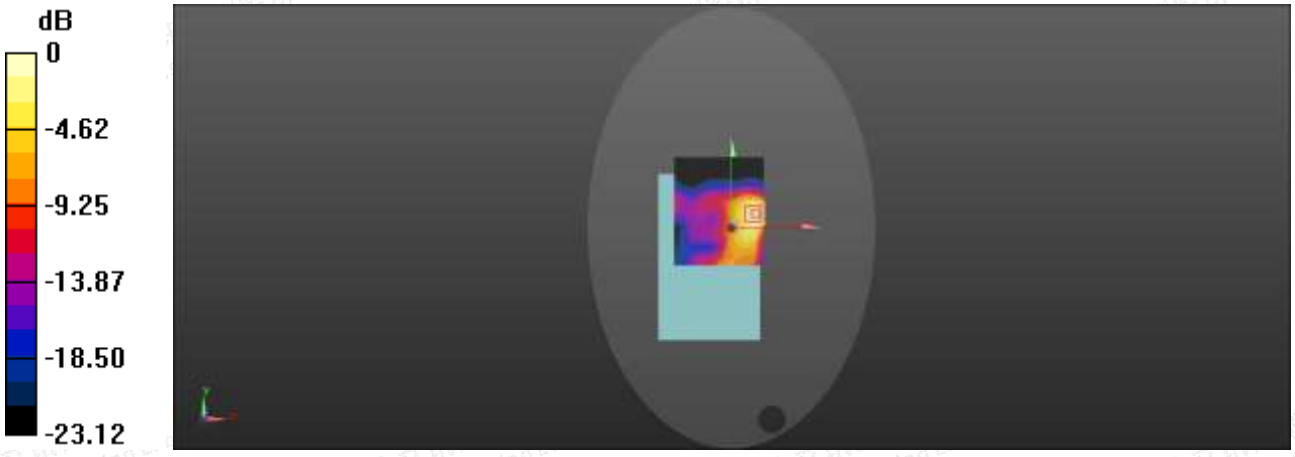
Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.765 S/m; ε_r = 38.587; ρ = 1000 kg/m^3
Phantom section: Flat Section

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=12mm, dy=12mm
Maximum value of SAR (measured) = 0.945 W/kg

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

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

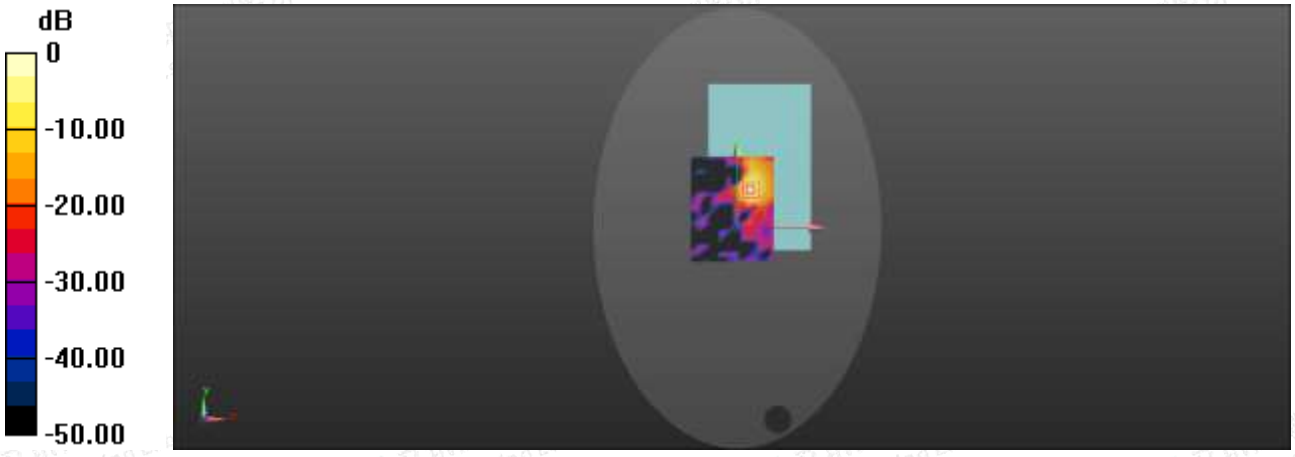
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5240 MHz; σ = 4.577 S/m; ε_r = 36.224; ρ = 1000 kg/m^3
Phantom section: Flat Section

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=10mm, dy=10mm
Maximum value of SAR (measured) = 0.571 W/kg

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

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

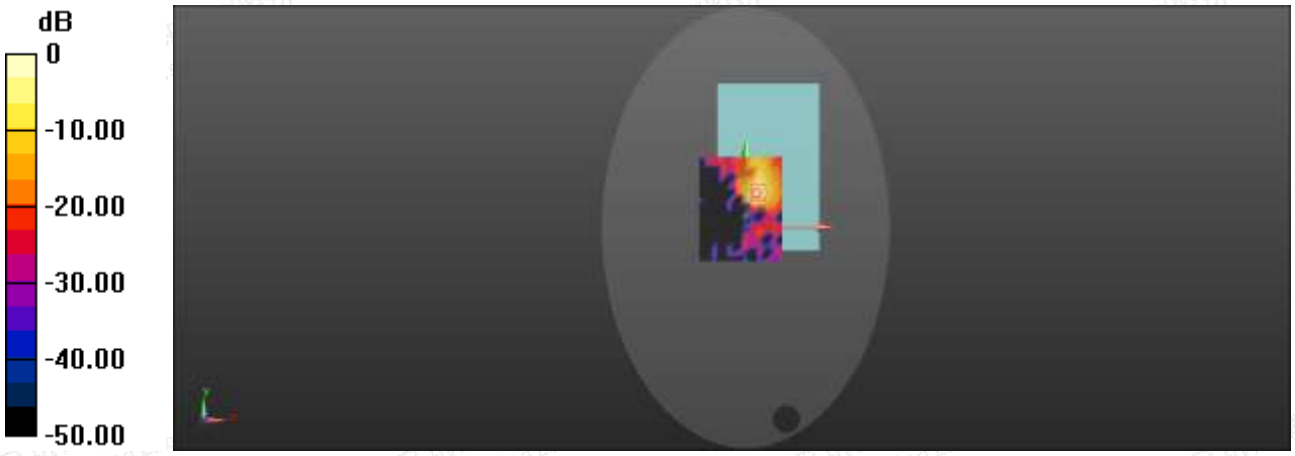
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 5.436 S/m; ε_r = 36.605; ρ = 1000 kg/m^3
Phantom section: Flat Section

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=10mm, dy=10mm
Maximum value of SAR (measured) = 0.454 W/kg

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