Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 2450 MHz Head
System Performance Check 5250 MHz Head
System Performance Check 5600 MHz Head
System Performance Check 5800 MHz Head

Date: 2023/12/1

Test Laboratory: LCS-SAR Lab

System Check 2450 MHz

DUT: D2450V2; Type: D2450V2; Serial: 965

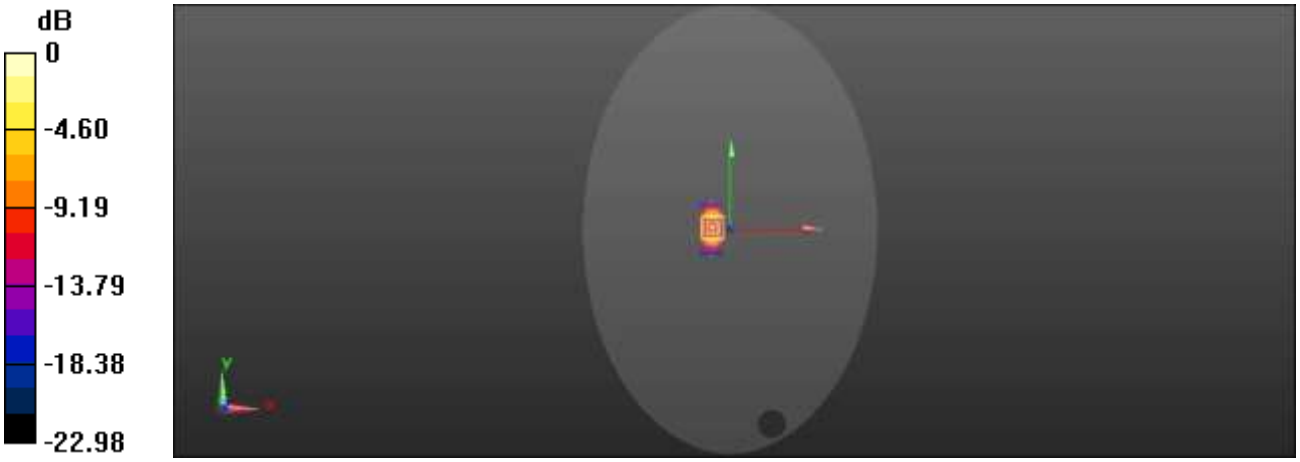
Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.832 S/m; ε_r = 38.879; ρ = 1000 kg/m^3
Phantom section: Flat Section

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/Unnamed procedure/Area Scan (4x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 18.3 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.35 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.06 W/kg
Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

Date: 2023/11/24

Test Laboratory: LCS-SAR Lab

System Check 5250 MHz

DUT: D5GHzV2; Type: D5GHzV2; Serial: 1046

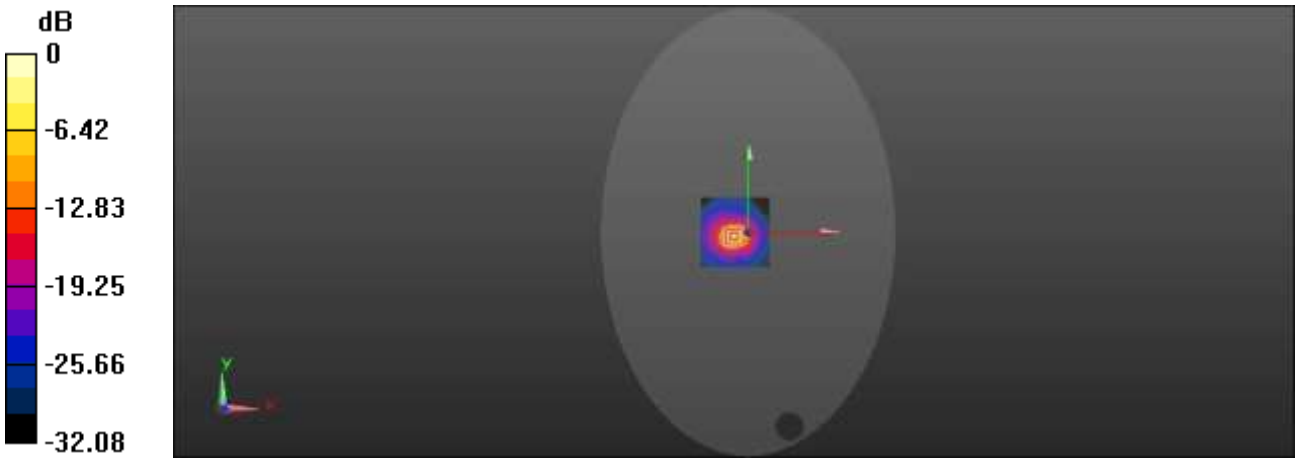
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5250 MHz; σ = 4.608 S/m; ε_r = 35.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

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/Unnamed procedure/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 17.5 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 50.28 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 28.8 W/kg
SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.12 W/kg
Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

Date: 2023/12/4

Test Laboratory: LCS-SAR Lab

System Check 5600 MHz

DUT: D5GHzV2; Type: D5GHzV2; Serial: 1046

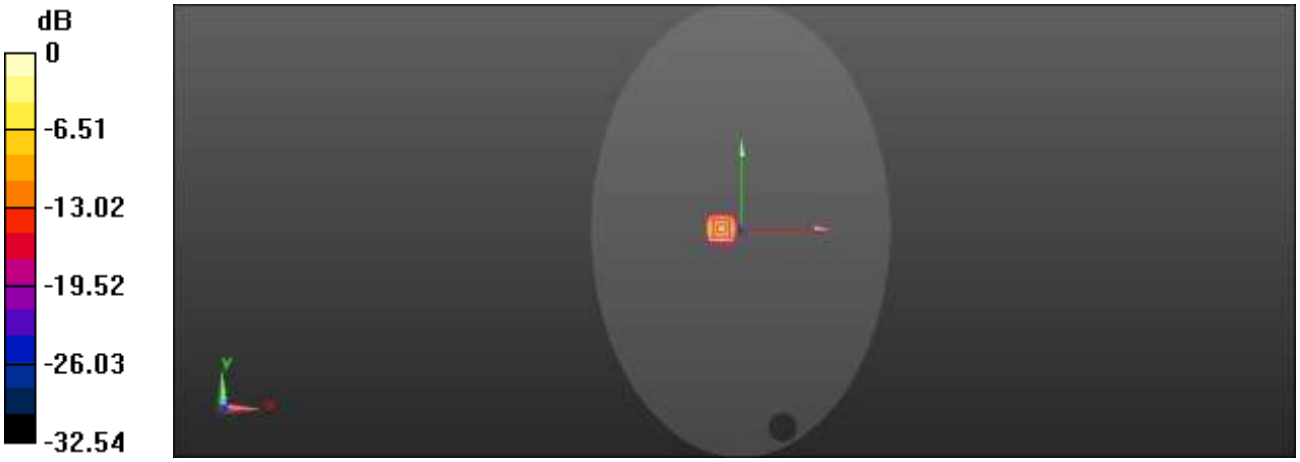
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.215 S/m; ε_r = 35.473; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); 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/Unnamed procedure/Area Scan (5x5x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 20.6 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 76.20 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 36.1 W/kg
SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.30 W/kg
Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

Test Laboratory: LCS-SAR Lab

System Check 5800 MHz

DUT: D5GHzV2; Type: D5GHzV2; Serial: 1046

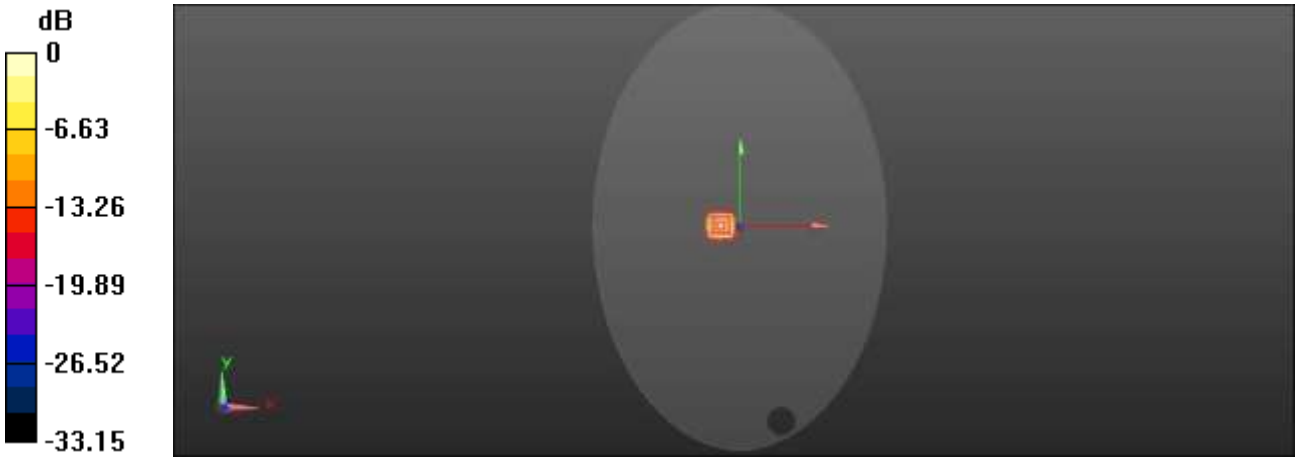
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.407 S/m; ε_r = 34.85; ρ = 1000 kg/m^3
Phantom section: Flat Section

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/Unnamed procedure/Area Scan (5x5x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 21.3 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x7) /Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.84 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 34.5 W/kg
SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.26 W/kg
Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg