2.4GWIFI

DUT: FLEX 12B

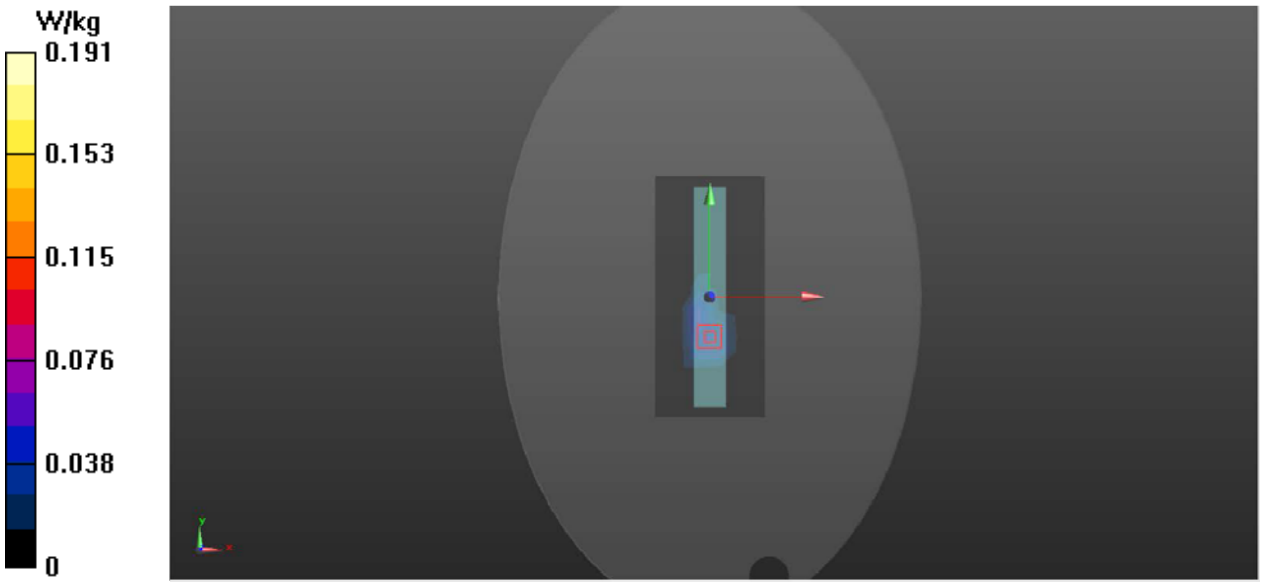
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2437 MHz; σ = 1.776 S/m; ε_r = 40.424; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2023/5/17;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0548 W/kg

Bottom-ANTB/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.659 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



5.2GWIFI

DUT: FLEX 12B

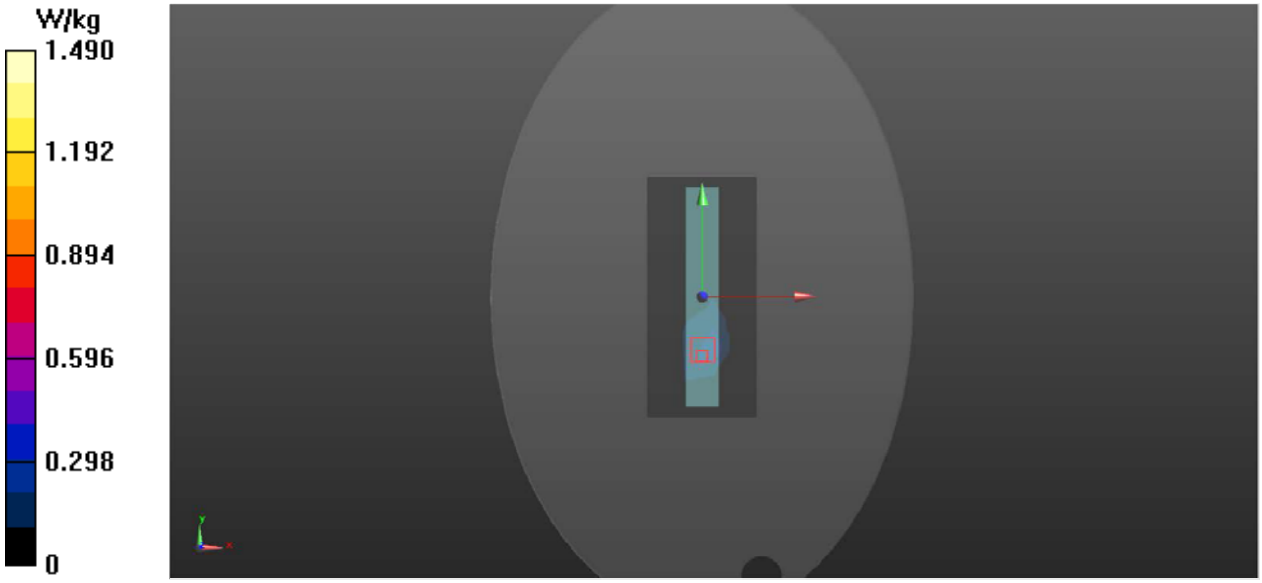
Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5200 MHz; σ = 4.688 S/m; ε_r = 36.999; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：22.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.296 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.658 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 3.97 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 1.49 W/kg



5.3GWIFI

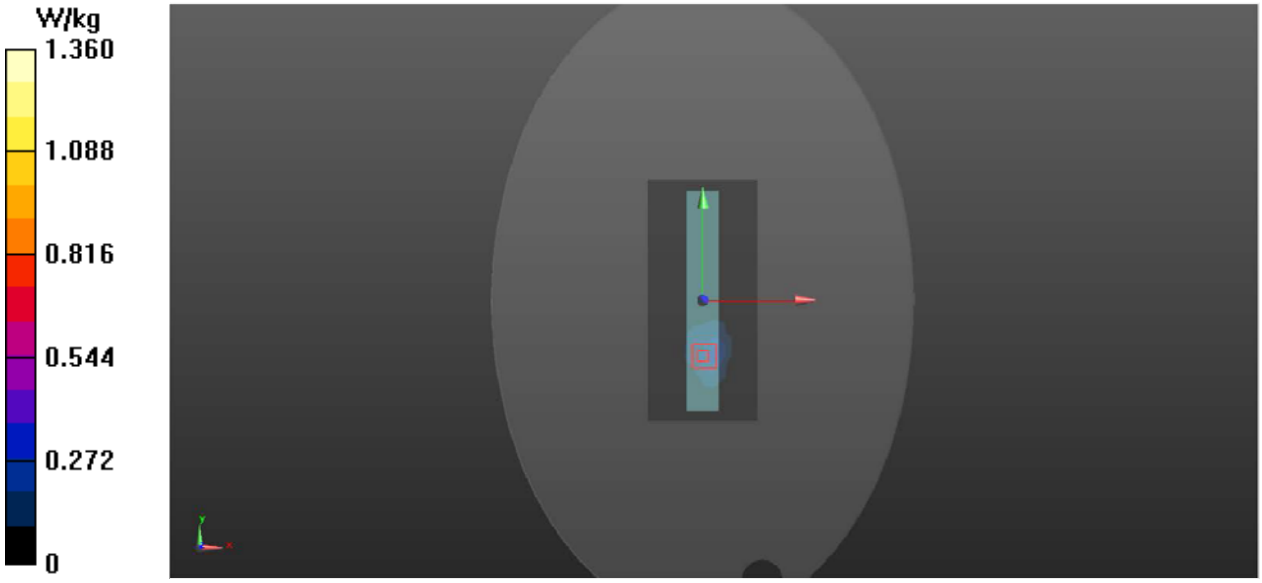
DUT:FLEX 12B
Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5300 MHz; σ = 4.81 S/m; ε_r = 36.791; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：22.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.344 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.550 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



5.6GWIFI

DUT: FLEX 12B

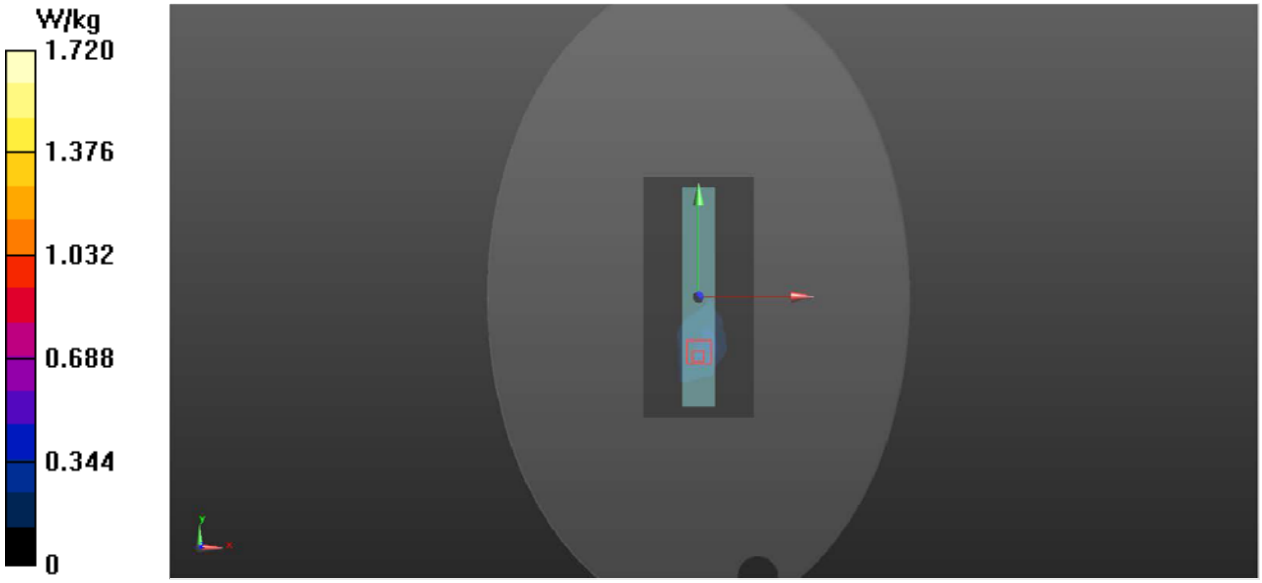
Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5580 MHz; σ = 5.153 S/m; ε_r = 36.161; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.2, 5.2, 5.2); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.368 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.476 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 5.02 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.214 W/kg
\Maximum value of SAR (measured) = 1.72 W/kg



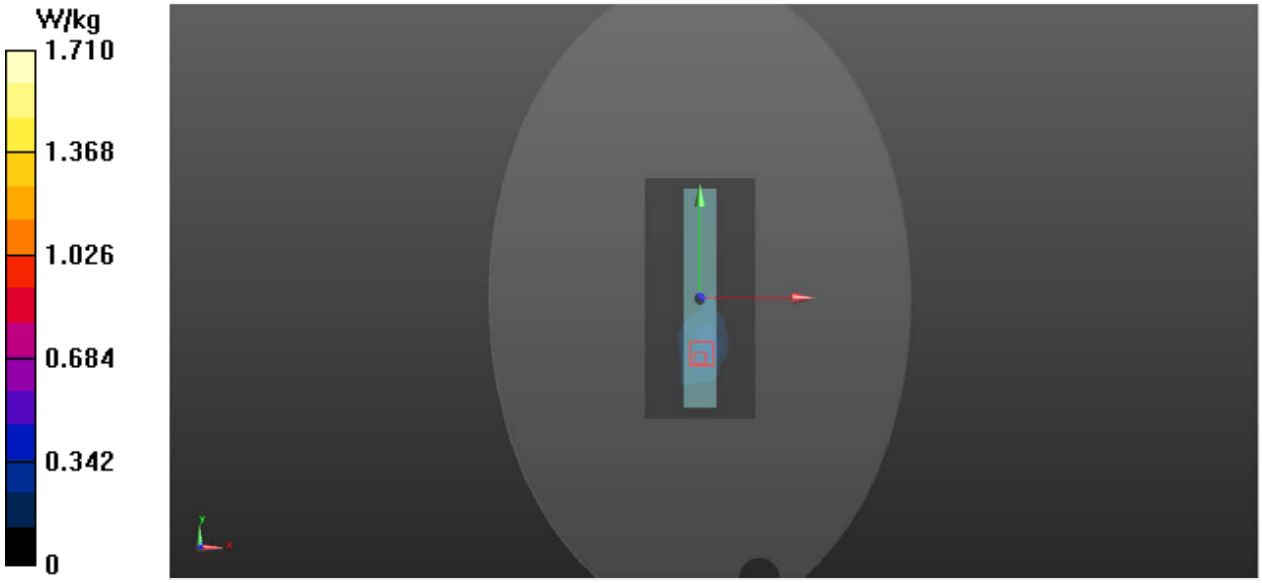
5.8GWIFI

DUT: FLEX 12B

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5785 MHz; σ = 5.396 S/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.29, 5.29, 5.29); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Bottom-ANTB/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 W/kg

Bottom-ANTB/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.126 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 1.71 W/kg