

BT

DUT: LNG-PRN-0137

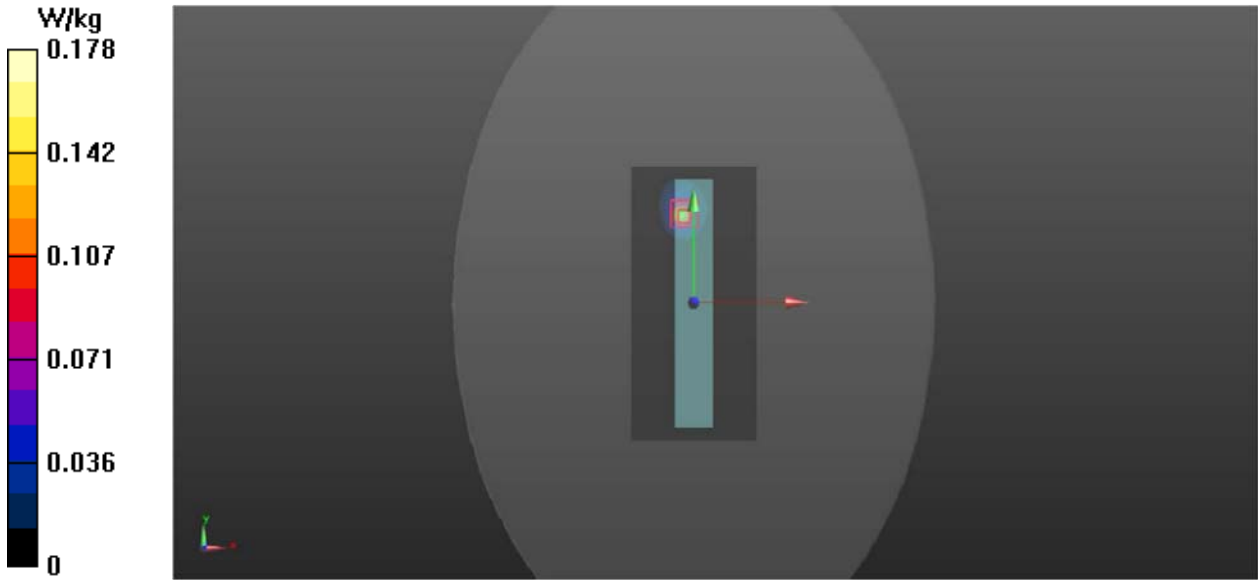
Communication System: BT (0); Frequency: 2441 MHz;Duty Cycle: 1:2.14042
Medium: H2450 Medium parameters used: $f = 2441\text{ MHz}$; $\sigma = 1.782\text{ S/m}$; $\epsilon_r = 40.10$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.5\text{ }^\circ\text{C}$; Liquid Temperature : $22.2\text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(7.91, 7.91, 7.91); Calibrated: 2022/4/18;
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top/Area Scan (51x111x1): Interpolated grid: $dx=2.000\text{ mm}$, $dy=2.000\text{ mm}$

Maximum value of SAR (interpolated) = 0.189 W/kg

Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.706 V/m ; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.159 W/kg ; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



2.4G

DUT: LNG-PRN-0137

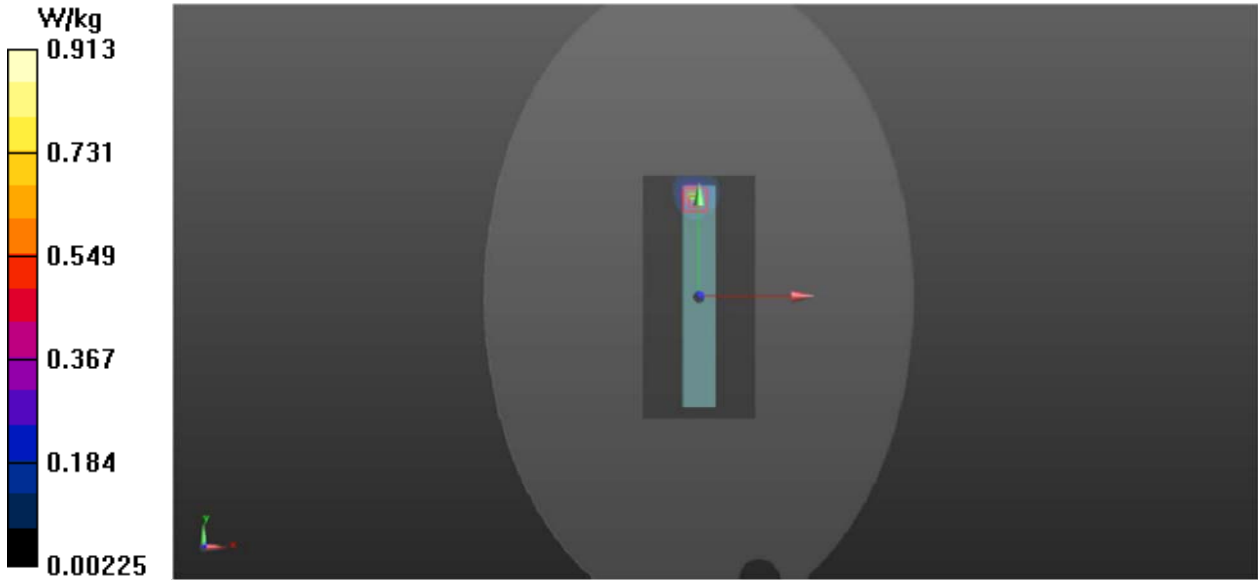
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f= 2437 MHz; σ = 1.776 S/m; ϵ_r = 40.084; ρ = 1000 kg/m³
Ambient Temperature : 22.5 °C; Liquid Temperature : 22.2 °C

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(7.91, 7.91, 7.91); Calibrated: 2022/4/18;
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top-ANTA/Area Scan (51x111x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 0.597 W/kg

Top-ANTA/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.152 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.299 W/kg
Maximum value of SAR (measured) = 0.913 W/kg



5.2G

DUT: LNG-PRN-0137

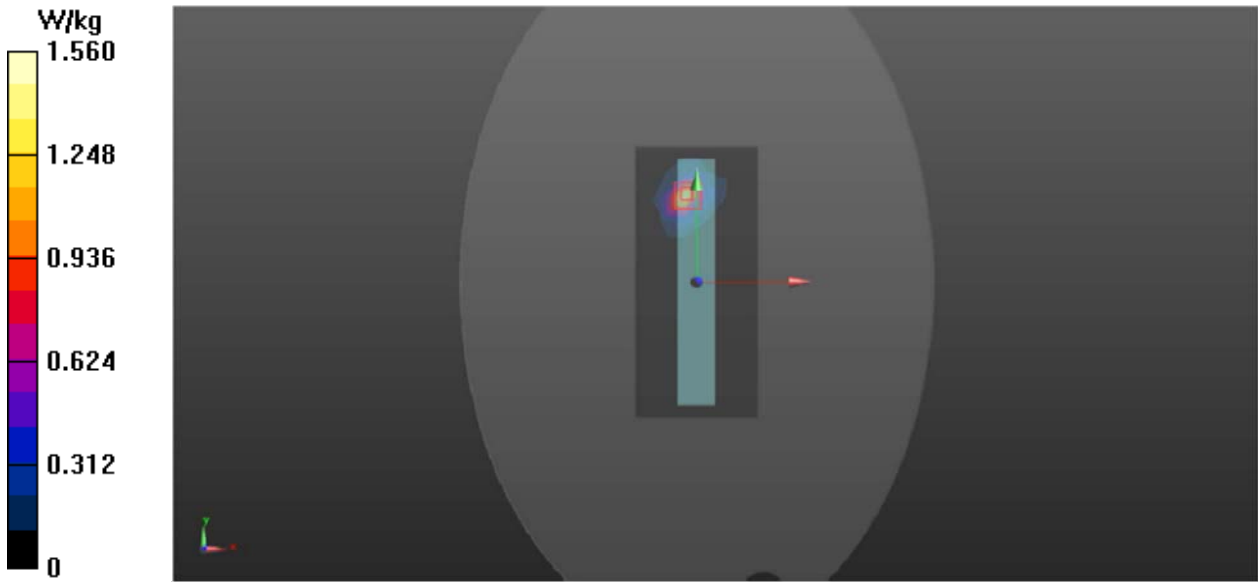
Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.2517
Medium: H5G Medium parameters used: f = 5200 MHz; σ = 4.688 S/m; ϵ_r = 36.991; ρ = 1000 kg/m³
Ambient Temperature : 21.5 °C; Liquid Temperature : 21.3 °C

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.74, 5.74, 5.74); Calibrated: 2022/4/18;
 - Sensor-Surface: 2mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top-ANTA/Area Scan (6x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.46 W/kg

Top-ANTA/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.362 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 5.93 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 1.56 W/kg



5.8G

DUT: LNG-PRN-0137

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.2517
Medium: H5G Medium parameters used: f = 5785 MHz; $\sigma = 5.396 \text{ S/m}$; $\epsilon_r = 35.742$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 22.1 °C; Liquid Temperature : 21.9 °C

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.27, 5.27, 5.27); Calibrated: 2022/4/18;
 - Sensor-Surface: 2mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top-ANTA/Area Scan (6x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.723 W/kg

Top-ANTA/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.598 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 6.93 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 2.47 W/kg

