

BT

DUT: LNG-PRN-0137

Communication System: BT (0); Frequency: 2441 MHz;Duty Cycle: 1:2.14042

Medium: H2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 40.10$; $\rho = 1000$ 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/Area Scan (51x111x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

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

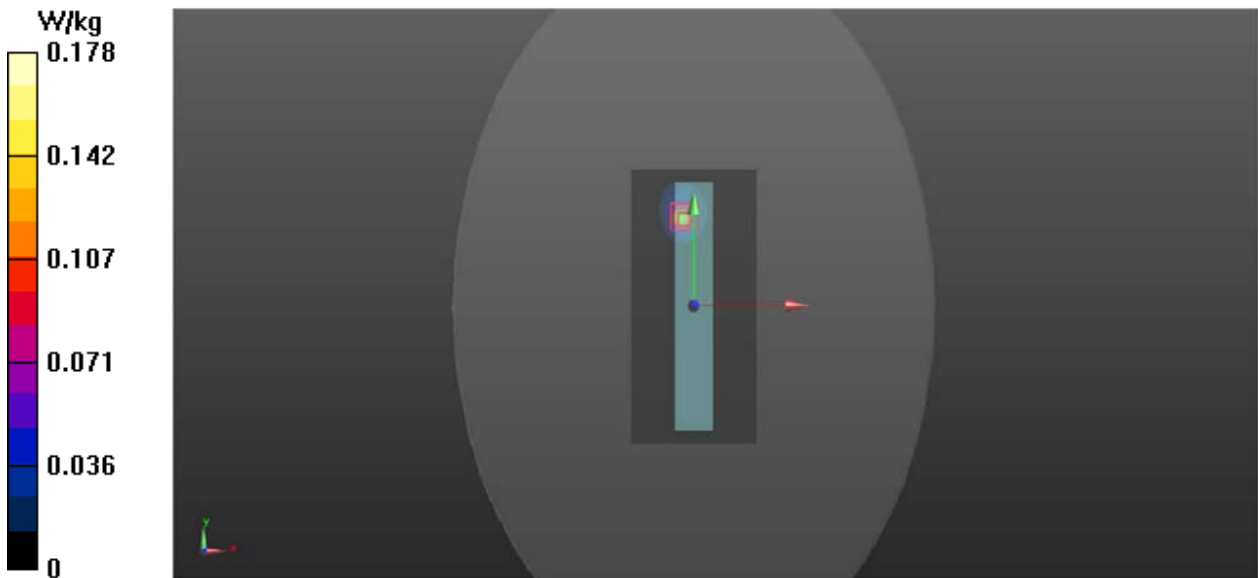
Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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; $\sigma = 1.776$ S/m; $\epsilon_r = 40.084$; $\rho = 1000$ 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

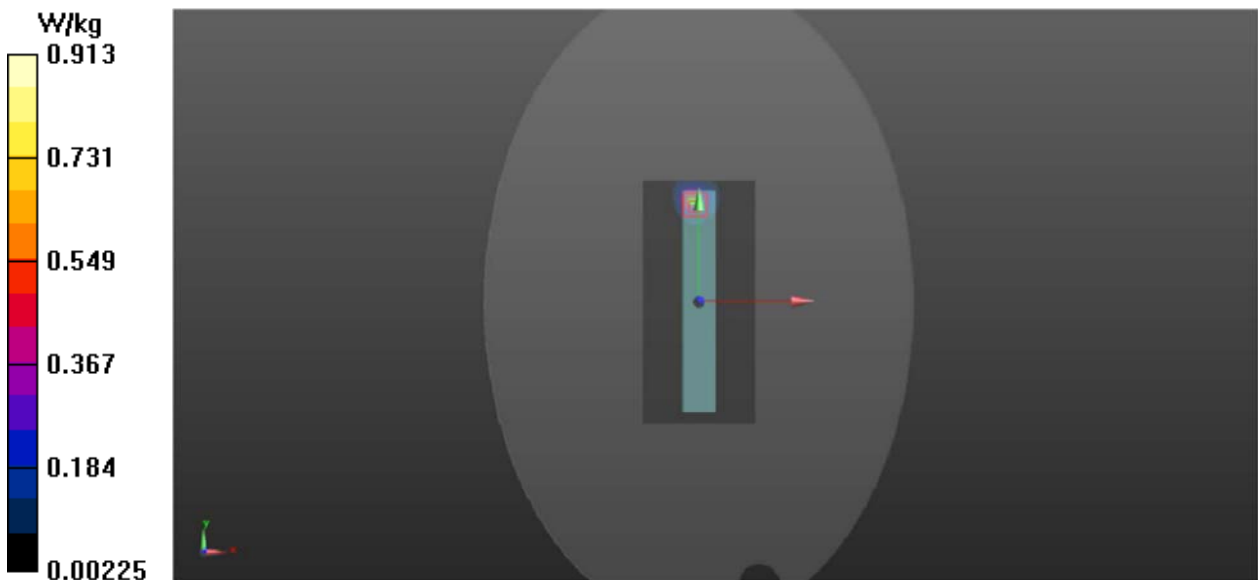
Top-ANTA/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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; $\sigma = 4.688$ S/m; $\epsilon_r = 36.991$; $\rho = 1000$ 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

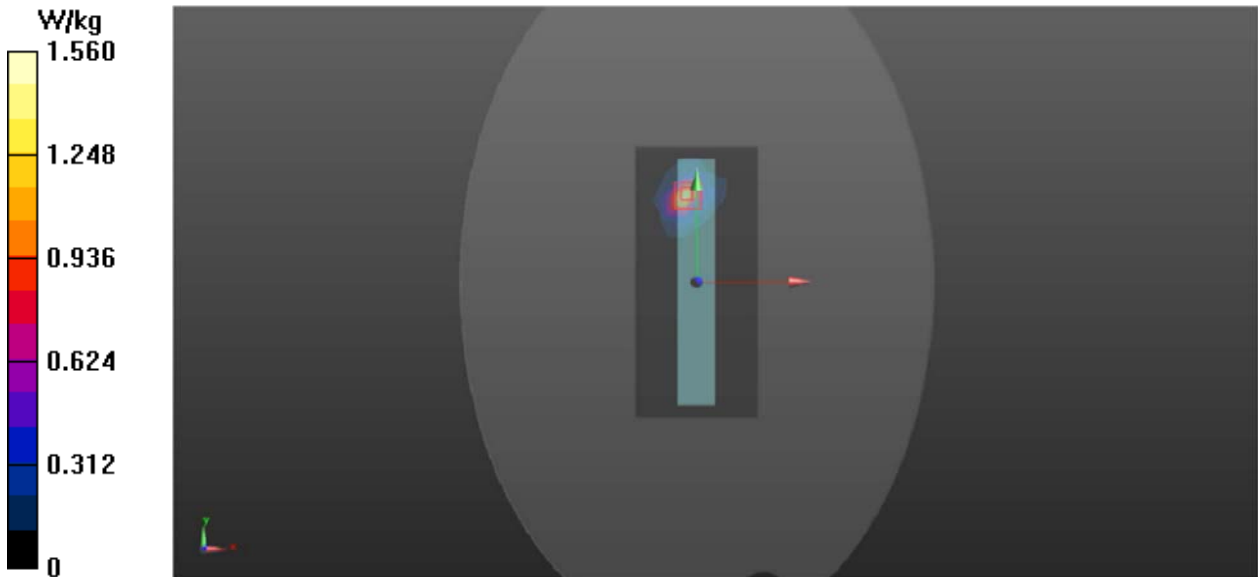
Top-ANTA/Zoom Scan (9x9x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

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; $\sigma = 5.396$ S/m; $\epsilon_r = 35.742$; $\rho = 1000$ kg/m³

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

