

System Check_H835

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 43.145$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.69, 9.69, 9.69); Calibrated: 2018/08/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2018/08/28
- Phantom: Left Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1722
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.37 W/kg

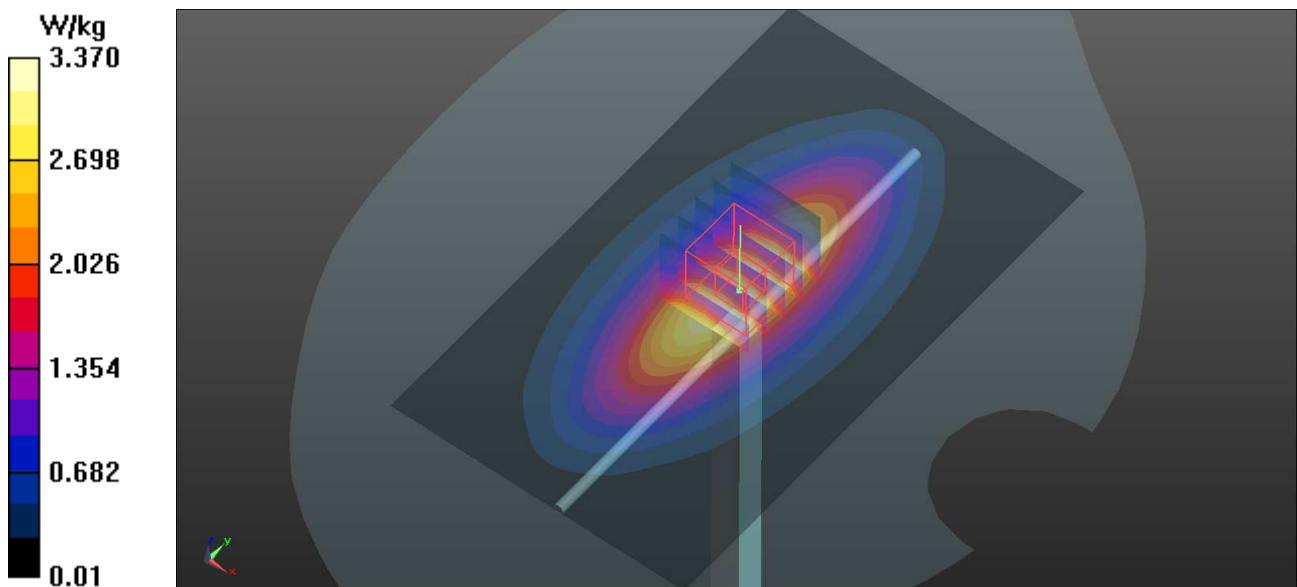
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.94 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.56 W/kg ; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 3.41 W/kg



System Check_H1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 41.33$; $\rho = 1000$ kg/m³

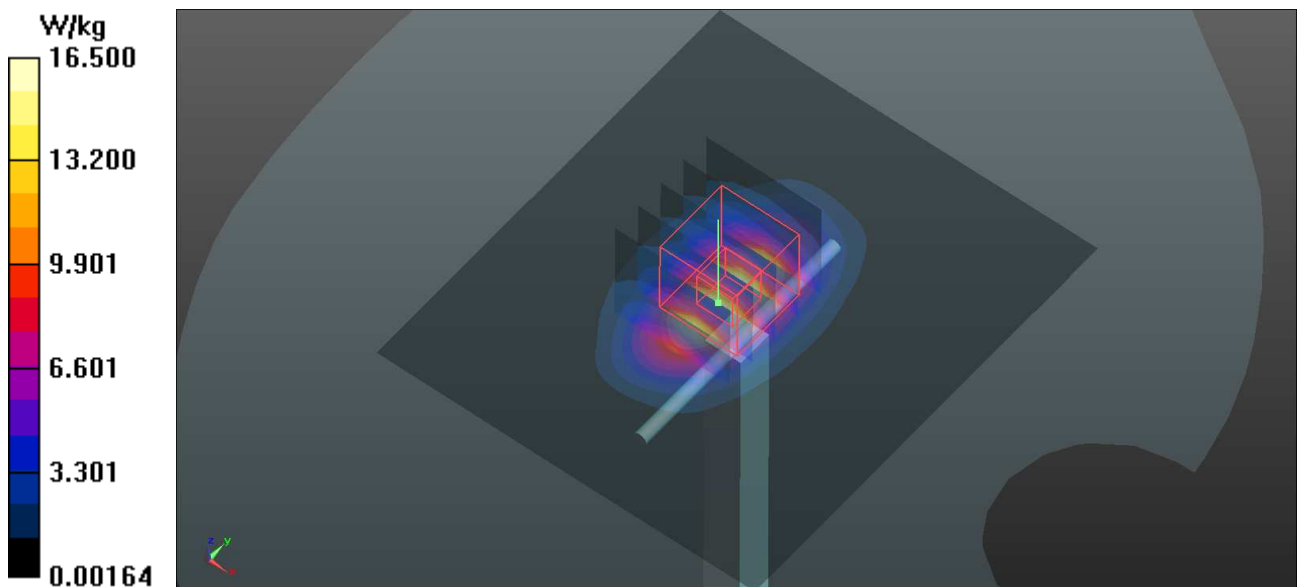
Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(8.12, 8.12, 8.12); Calibrated: 2018/08/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2018/08/28
- Phantom: Front Phantom with CRP v5.0; Type: QD000P40CD; Serial: TP:1695
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 16.5 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.4 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.64 W/kg
Maximum value of SAR (measured) = 16.5 W/kg



System Check_B835

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.992 \text{ S/m}$; $\epsilon_r = 55.615$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.49, 9.49, 9.49); Calibrated: 2018/08/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2018/08/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.98 W/kg

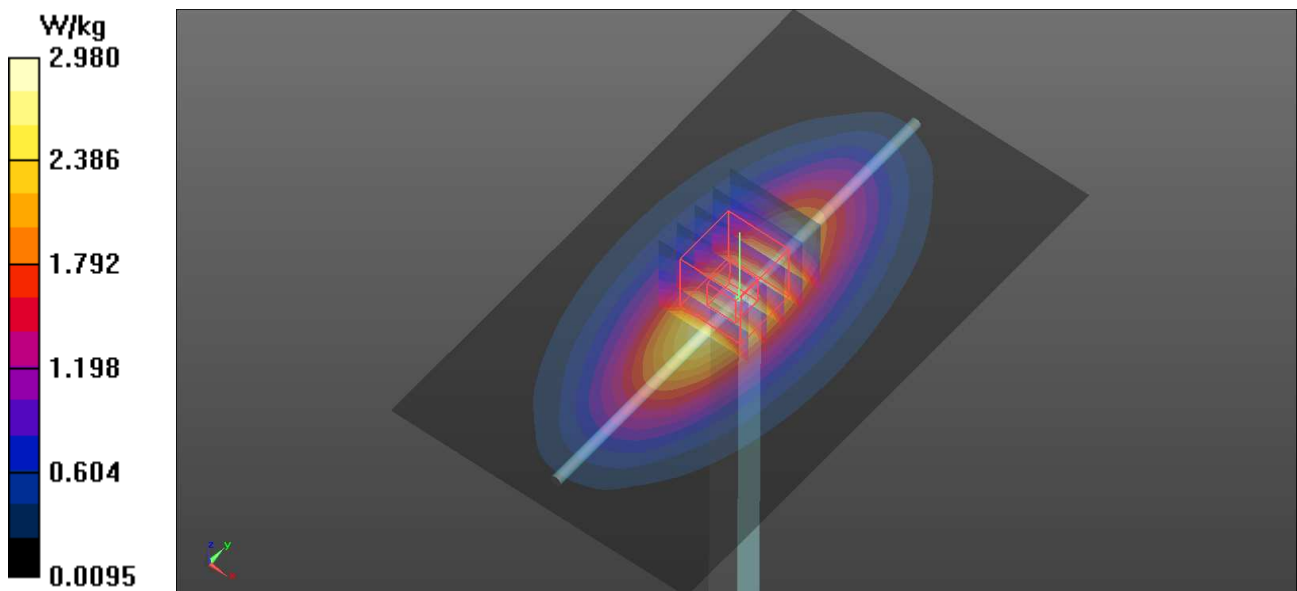
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.88 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 2.38 W/kg ; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



System Check_B1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ S/m; $\epsilon_r = 52.906$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.61, 7.61, 7.61); Calibrated: 2018/08/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2018/08/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1205
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.8 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.95 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.58 W/kg

Maximum value of SAR (measured) = 16.5 W/kg

