

System Check_H835

DUT: Dipole 835 MHz D835V2; SN: 4d199;

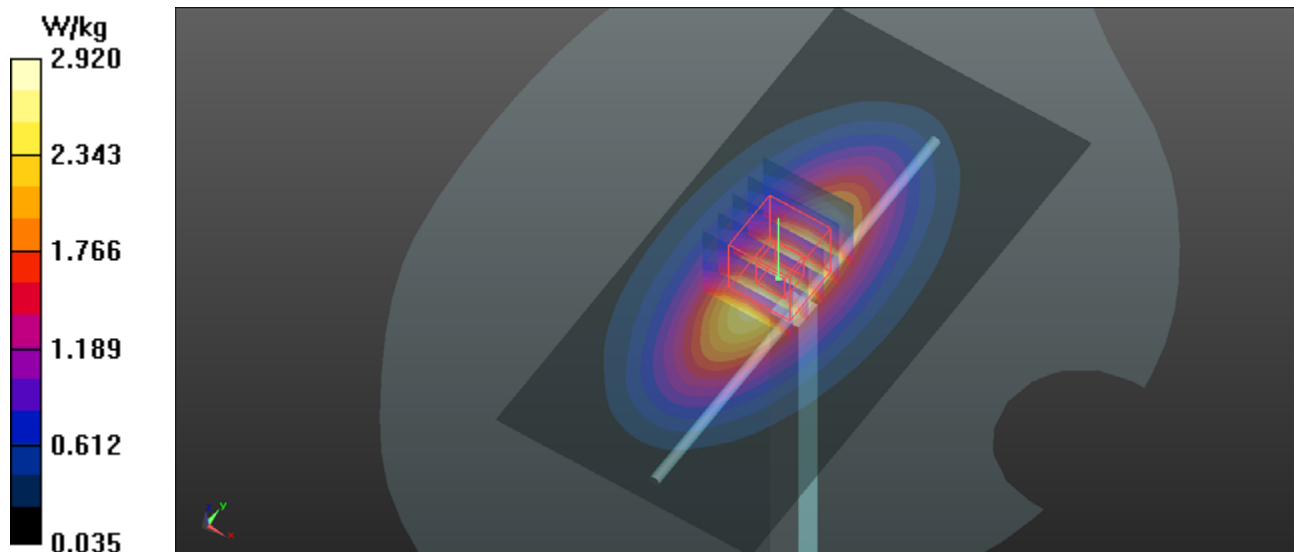
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/
 m^3 Ambient Temperature : 22.6 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(9.59, 9.59, 9.59); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/27/2015
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 P40 C; Serial: TP-1897
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x13x1): Measurement grid: $dx=15$ mm,
 $dy=15$ mm Maximum value of SAR (measured) = 2.92 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 58.27 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.5 W/kg
Maximum value of SAR (measured) = 2.91 W/kg



System Check_H1900**DUT: Dipole 1900 MHz D1900V2; SN: 5d208**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 40.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.79, 7.79, 7.79); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/27/2015
- Phantom: SAM Twin Phantom V5.0; Type: QD 000 C ; Serial: TP-1897
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 13.6 W/kg

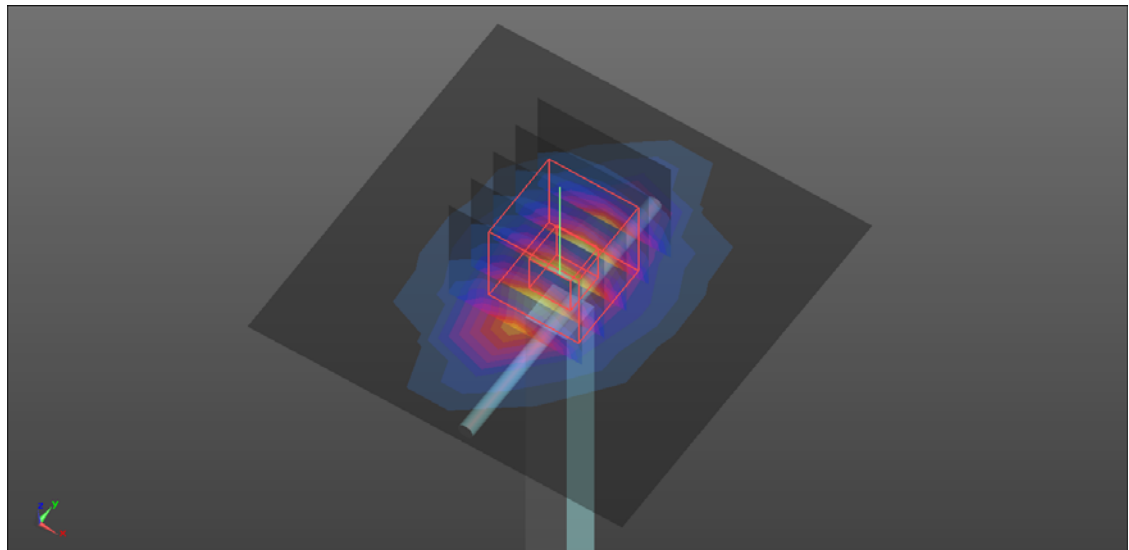
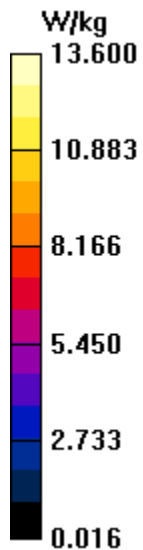
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 99.50 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 9.91 W/kg; SAR(10 g) = 4.84 W/kg

Maximum value of SAR (measured) = 14.2 W/kg



System Check_B835

DUT: Dipole 835 MHz D835V2; SN: 4d199

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 55.615$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(9.3, 9.3, 9.3); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/27/2015
- Phantom: Oval Flat Phantom ELI 5.0; Type: QD OVA 002 A ; Serial: TP-1240
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 3.14 W/kg

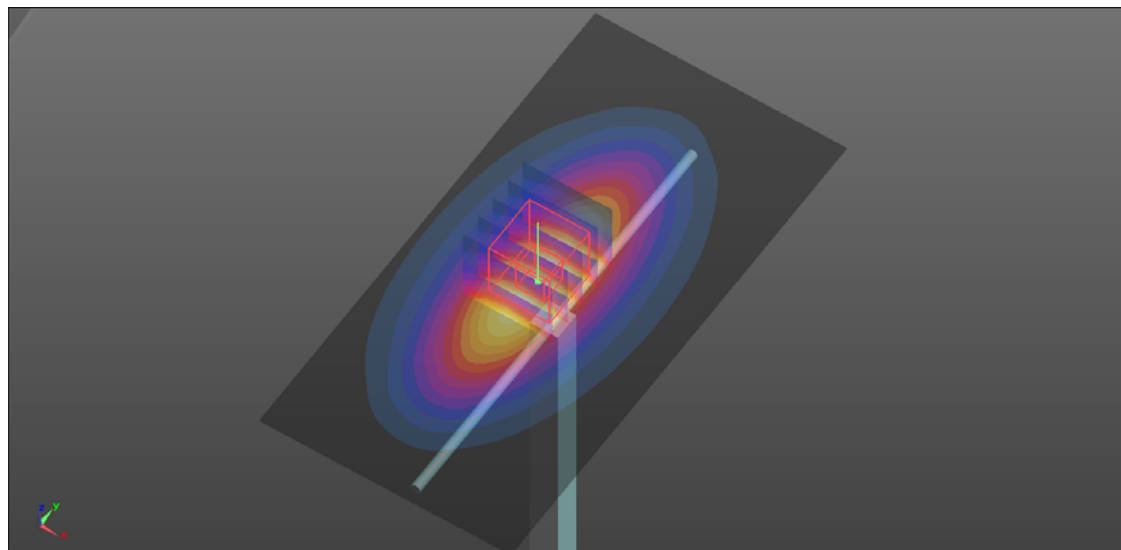
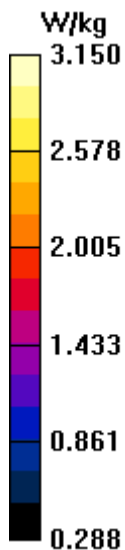
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.16 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 3.15 W/kg



System Check_B1900

DUT: Dipole 1900 MHz D1900V2; SN: 5d208

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.549$ S/m; $\epsilon_r = 51.826$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.54, 7.54, 7.54); Calibrated: 8/18/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 8/27/2015
- Phantom: Oval Flat Phantom ELI 5.0; Type: QD OVA 002 A ; Serial: TP-1240
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 14.1 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 96.79 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.81 W/kg; SAR(10 g) = 5.03 W/kg
 Maximum value of SAR (measured) = 14.2 W/kg

