

System Check_B2450_140423

DUT: Dipole 2450 MHz_SN:926

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B2450_140624 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.047$ S/m; $\epsilon_r = 52.513$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature: 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(7.6, 7.6, 7.6); Calibrated: 12/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2/11/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1128
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.2 W/kg

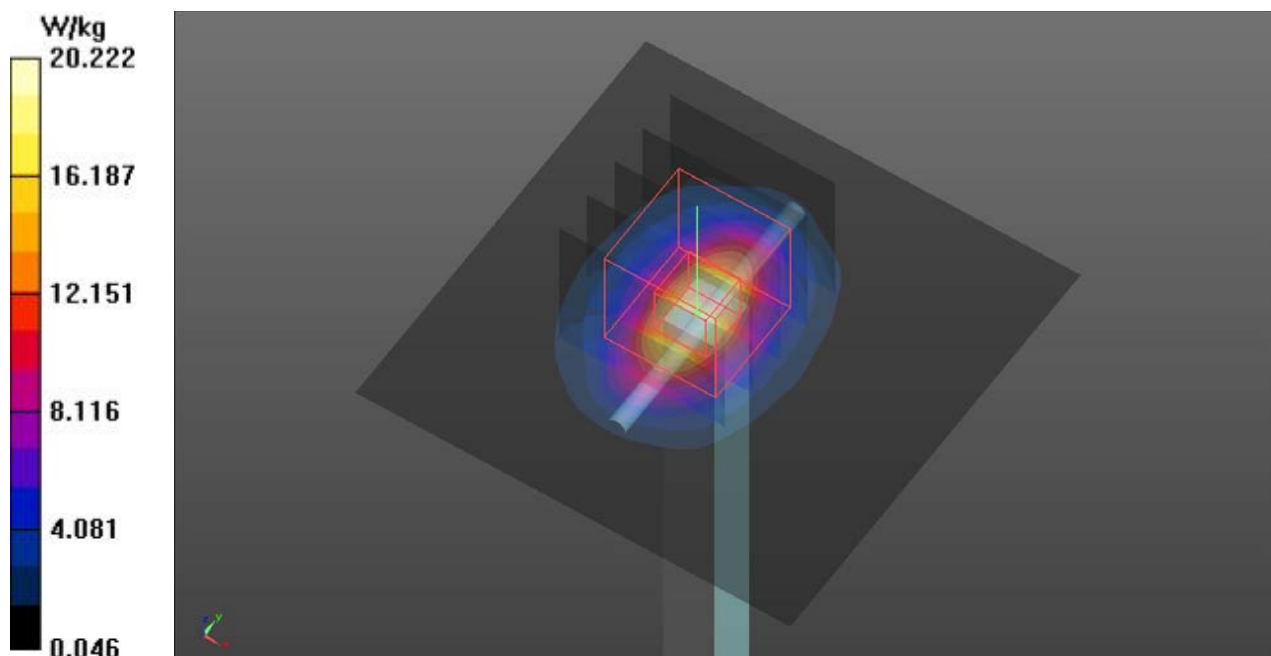
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.21 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.98 W/kg

Maximum value of SAR (measured) = 19.7 W/kg



System Check_B5200_140625**DUT: Dipole D5GHzV2_SN:1167**

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: B5G_140625 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.418$ S/m; $\epsilon_r = 47.475$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature: 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 12/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2/11/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1128
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.1 W/kg

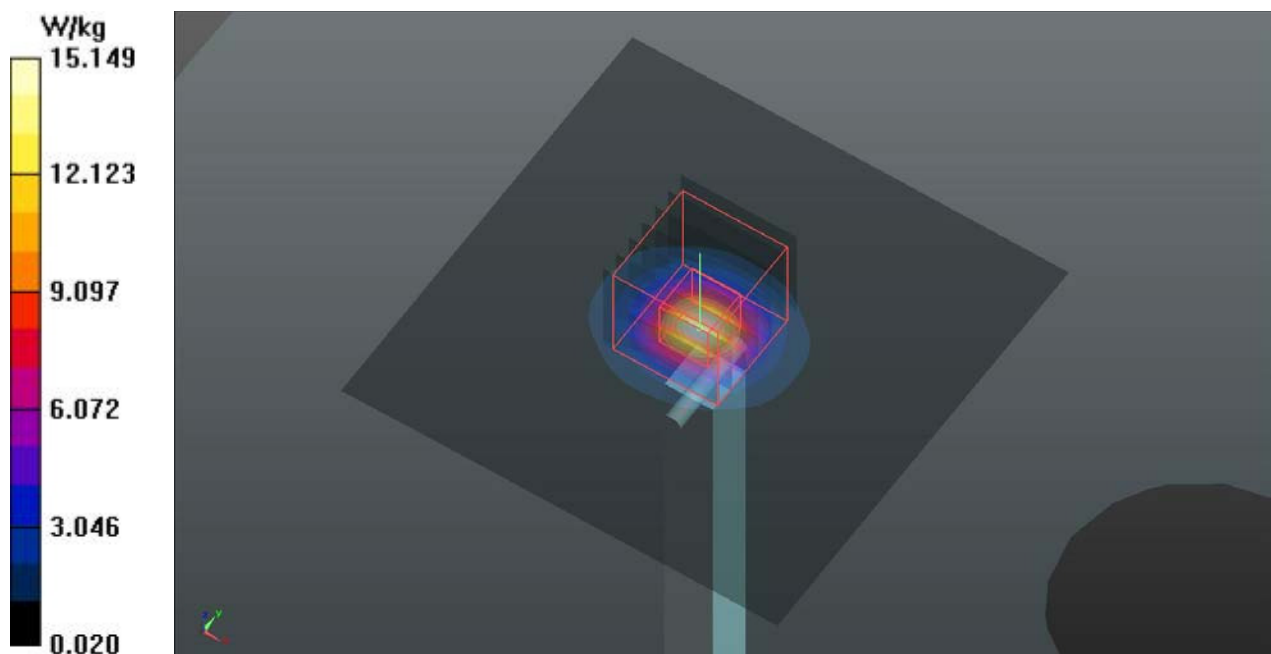
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.1 W/kg



System Check_B5300_140625**DUT: Dipole D5GHzV2_SN:1167**

Communication System: CW ; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: B5G_140625 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.548$ S/m; $\epsilon_r = 47.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature: 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.55, 4.55, 4.55); Calibrated: 12/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2/11/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1128
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.9 W/kg

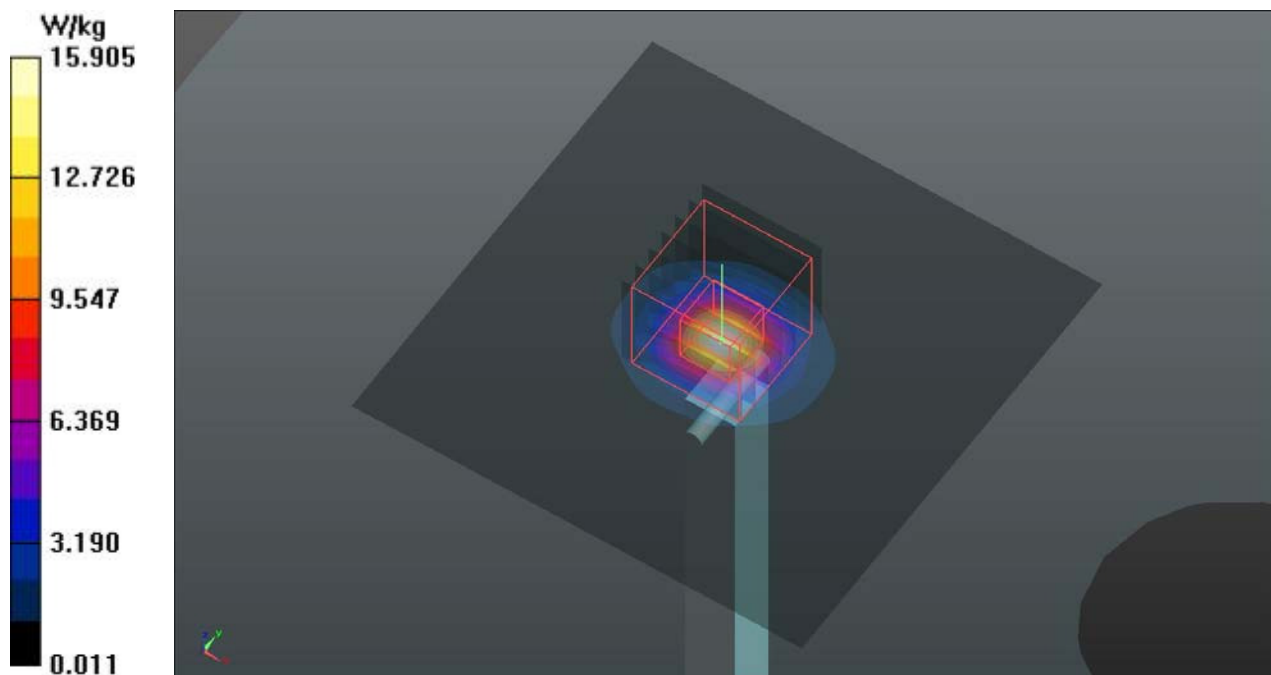
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 16.9 W/kg



System Check_B5600_140625**DUT: Dipole D5GHzV2_SN:1167**

Communication System: CW ; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: B5G_140625 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.953$ S/m; $\epsilon_r = 46.777$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature: 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(3.91, 3.91, 3.91); Calibrated: 12/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2/11/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1128
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

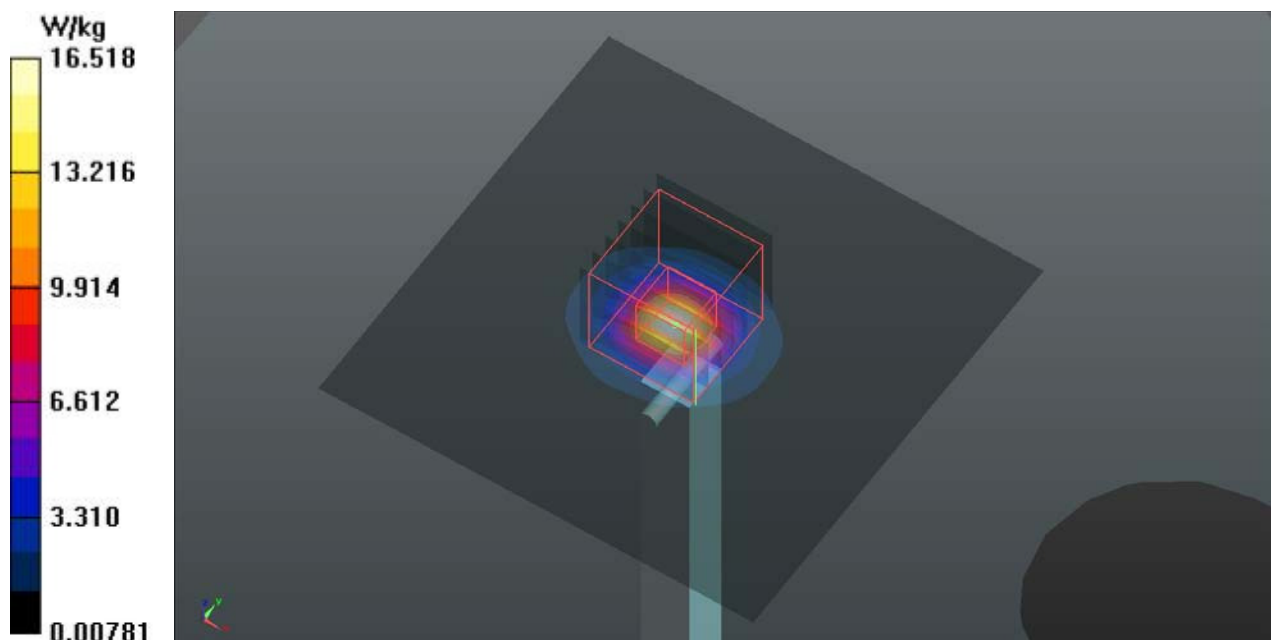
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.99 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 39.3 W/kg

SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 17.7 W/kg



System Check_B5800_140625**DUT: Dipole D5GHzV2_SN:1167**

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: B5G_140625 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.223$ S/m; $\epsilon_r = 46.437$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature: 20.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3958; ConvF(4.15, 4.15, 4.15); Calibrated: 12/9/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2/11/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1128
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 15.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 55.01 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 35.5 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.1 W/kg

Maximum value of SAR (measured) = 16.3 W/kg

