15.2 SAR test plots for GSM850

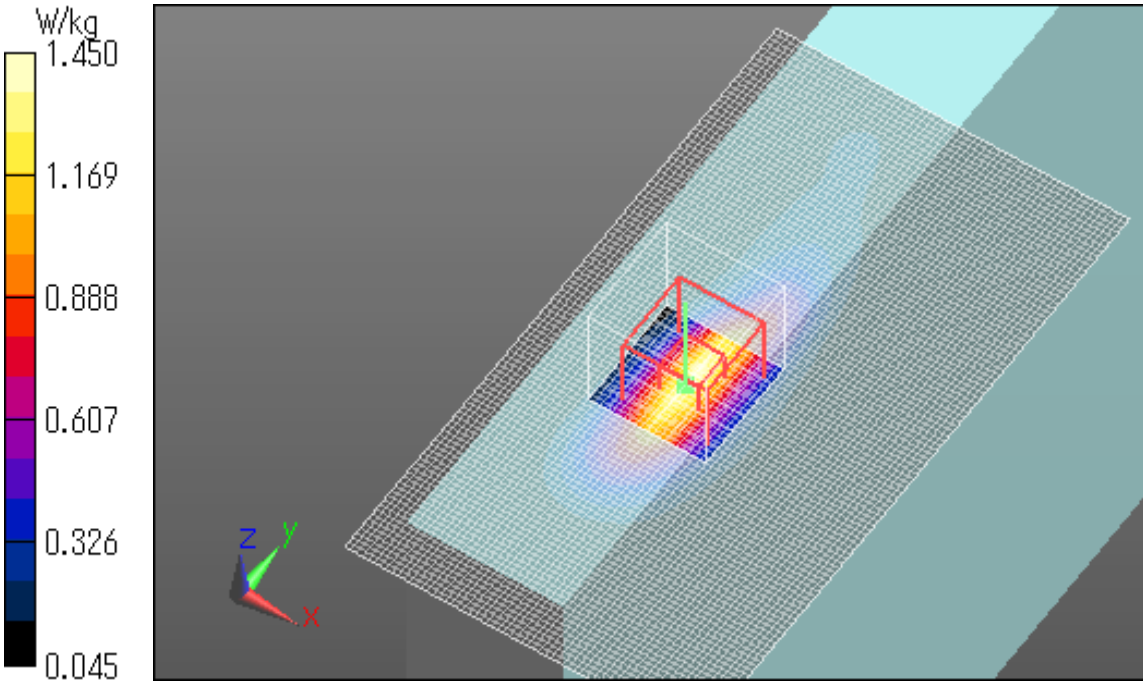
GSM850 GPRS 2slots Edge1 0mm Reduced Power 824.2MHz
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.934 S/m; ε_r = 53.148; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Left-Hand-Side HSL/Touch Position 2 2/Area Scan 2 2 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.28 W/kg

Left-Hand-Side HSL/Touch Position 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.830 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.506 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.45 W/kg

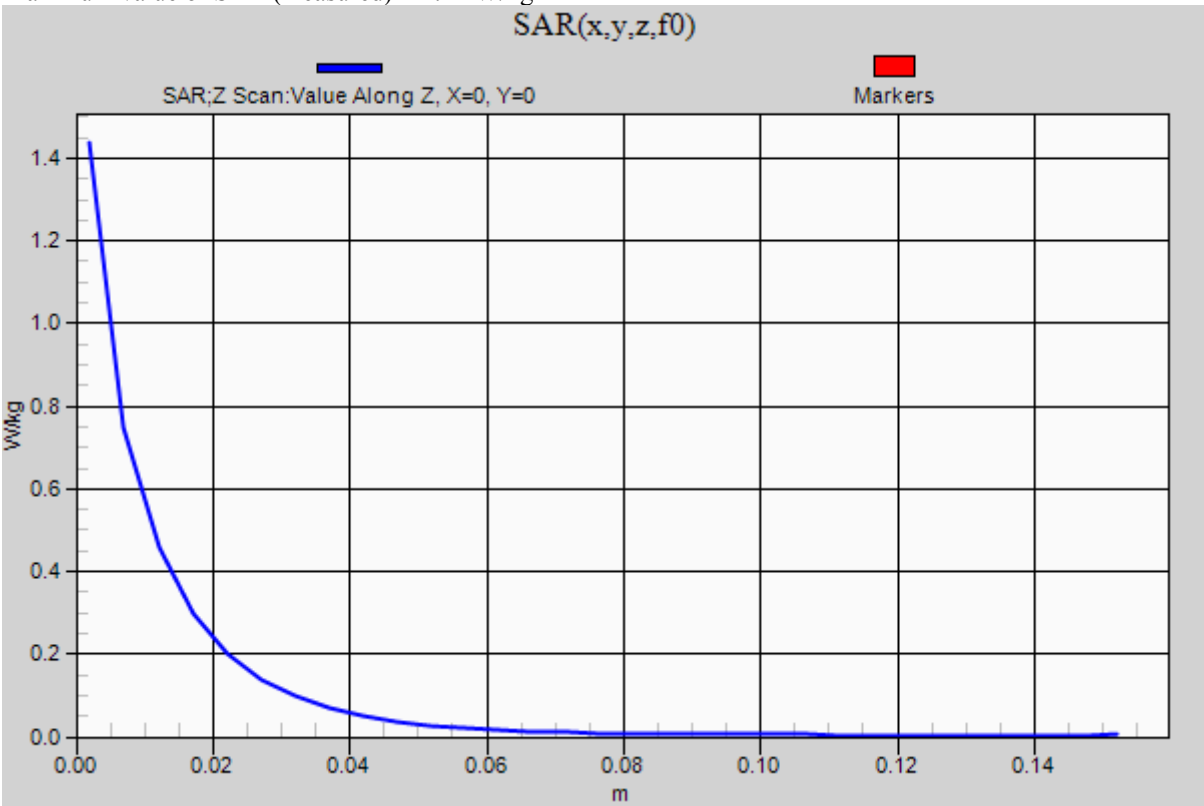


Plot No.1

GSM850 GPRS 2slots Edge1 0mm Reduced Power 824.2MHz
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.934 S/m; ε_r = 53.148; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Left-Hand-Side HSL/Touch Position 2 2/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.44 W/kg



GSM850 GPRS 2slots Edge1 0mm Reduced Power 836.6MHz

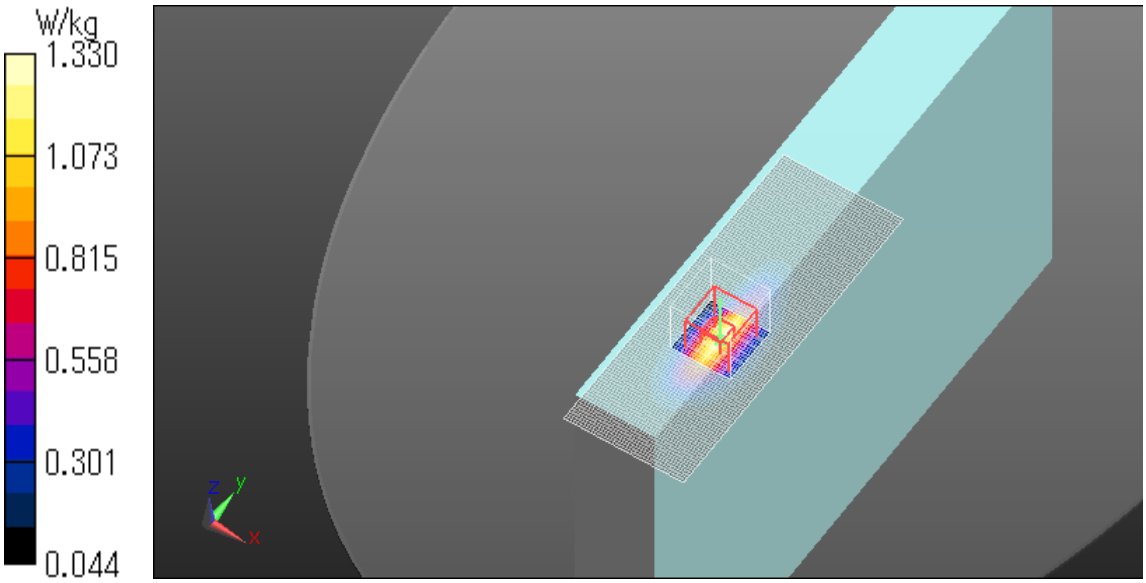
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.964 S/m; ε_r = 54.852; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan (41x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.991 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



Plot No.2

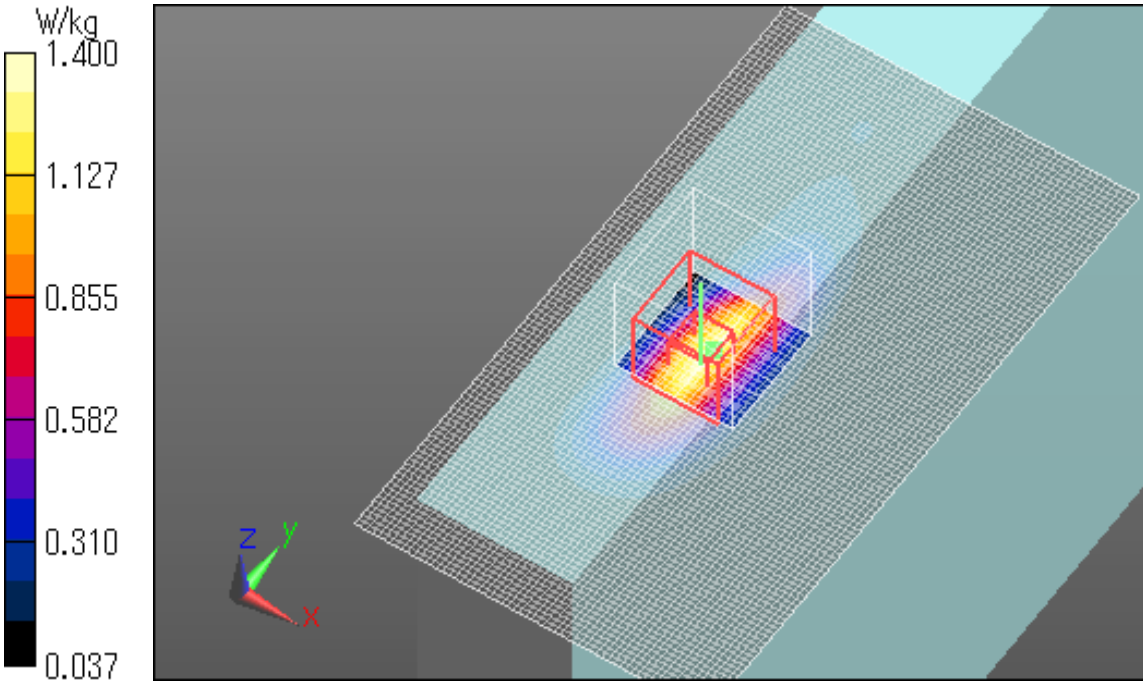
GSM850 GPRS 2slots Edge1 0mm Reduced Power 848.8MHz
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.959 S/m; ε_r = 52.935; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Body/Touch Position 2 2 2/Area Scan 2 2 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.21 W/kg

Body/Touch Position 2 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.075 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.477 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.40 W/kg



Plot No.3

GSM850 GPRS 2slots Rear 0mm Full Power 824.2MHz

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.934 S/m; ε_r = 53.148; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Left-Hand-Side HSL/Touch Position 2 2 2 2 2/Area Scan 2 2 3 (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

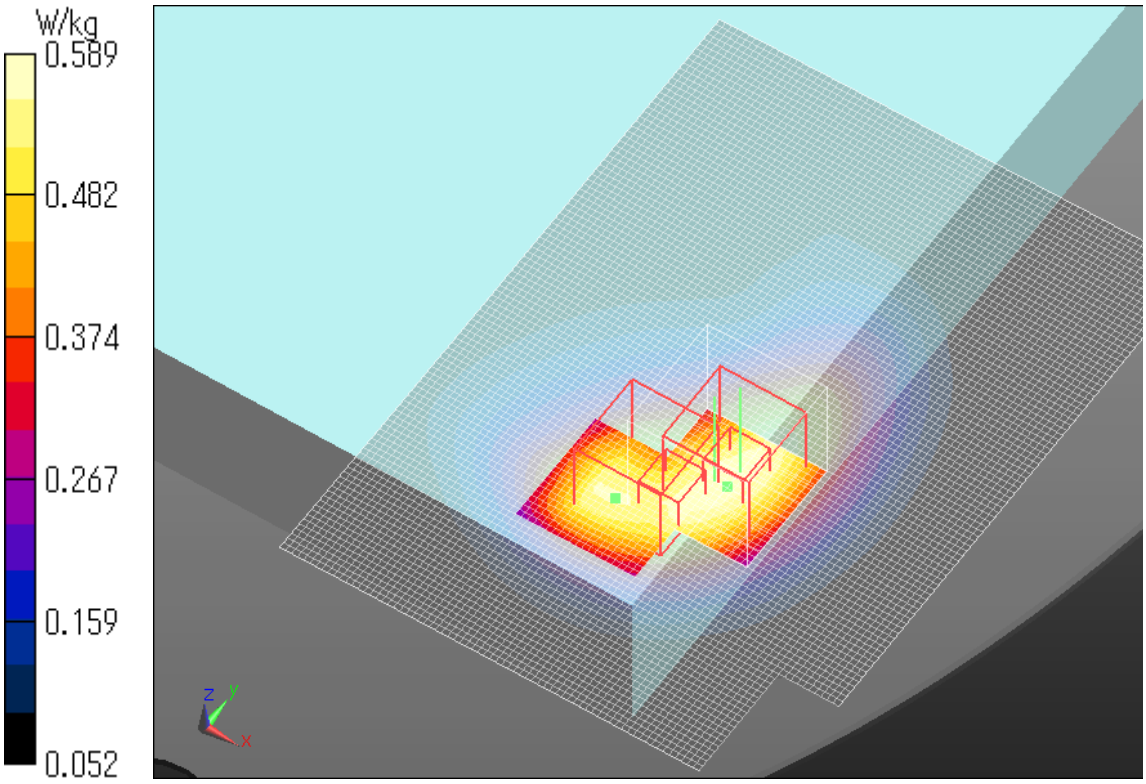
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.647 W/kg

Left-Hand-Side HSL/Touch Position 2 2 2 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.205 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.298 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.588 W/kg

Left-Hand-Side HSL/Touch Position 2 2 2 2 2/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.205 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.327 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.589 W/kg



Plot No.4

GSM850 GPRS 2slots Rear 0mm Full Power 836.6MHz

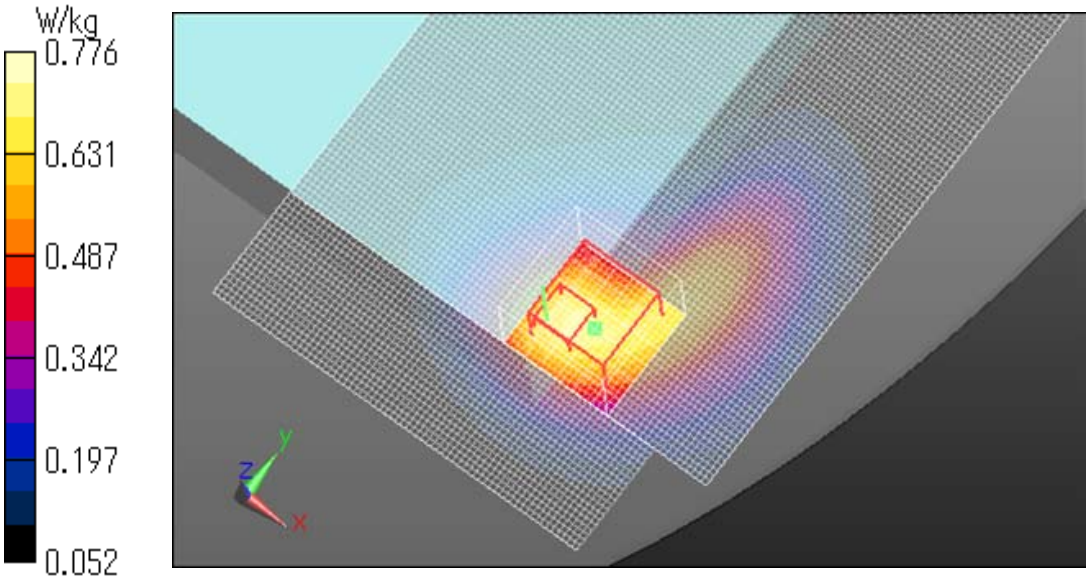
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.964 S/m; ε_r = 54.852; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan 2 2 (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.434 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.999 W/kg
SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



Plot No.5

GSM850 GPRS 2slots Rear 0mm Full Power 848.8MHz
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.959 S/m; ε_r = 52.935; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Left-Hand-Side HSL/Touch Position 2 2 2 2/Area Scan 2 2 3 (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

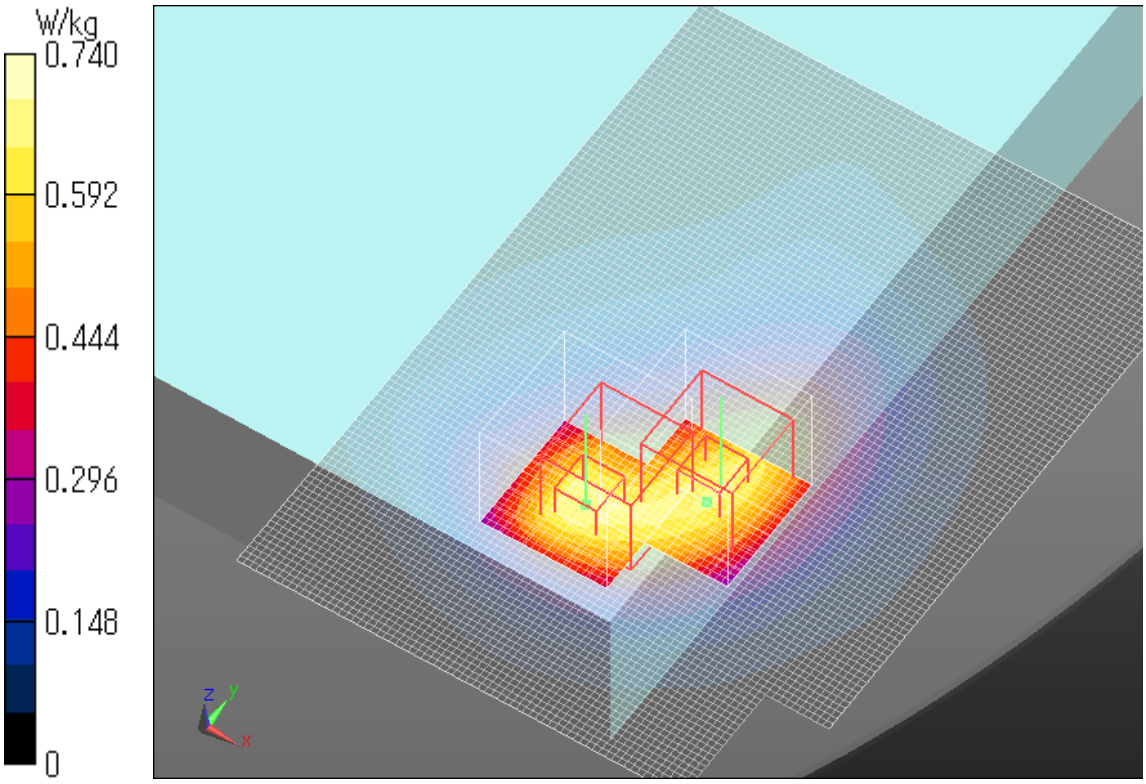
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.740 W/kg

Left-Hand-Side HSL/Touch Position 2 2 2 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.155 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.344 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.694 W/kg

Left-Hand-Side HSL/Touch Position 2 2 2 2/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.155 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.368 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.672 W/kg



Plot No.6

GSM850 GPRS 2slots Edge1 16mm Full Power 824.2MHz

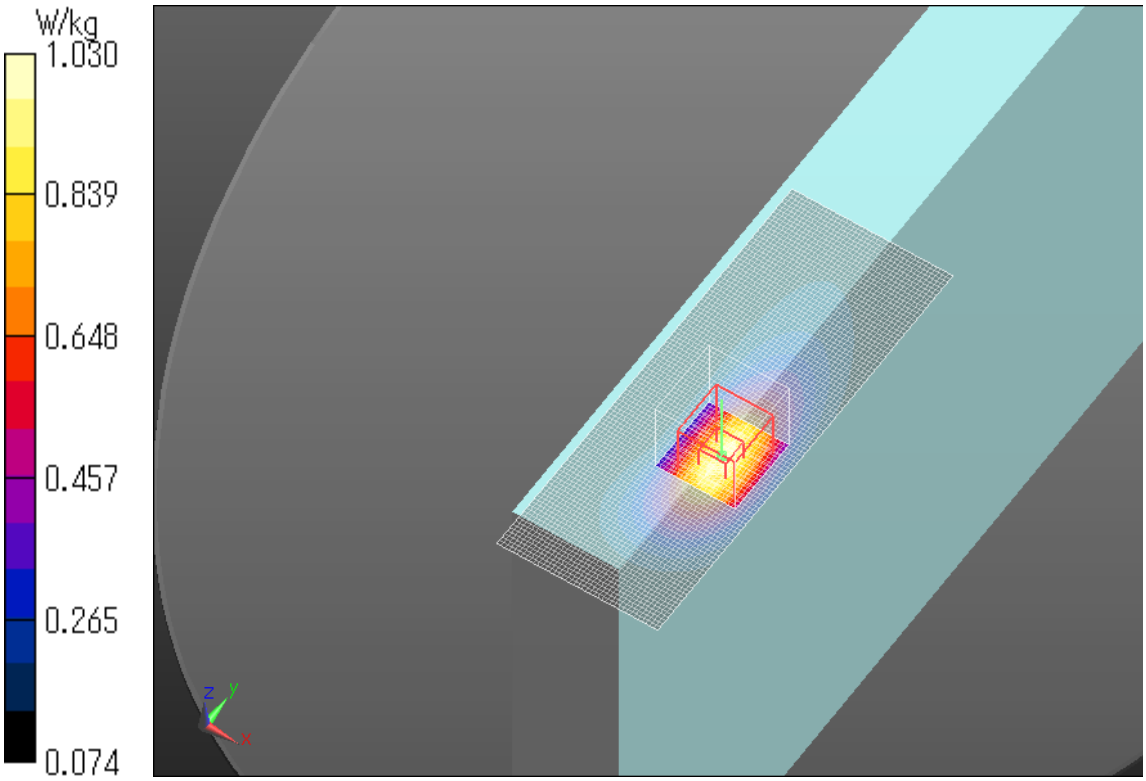
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.95 S/m; ε_r = 54.982; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan (41x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.897 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.121 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



Plot No.7

GSM850 GPRS 2slots Edge1 16mm Full Power 836.6MHz

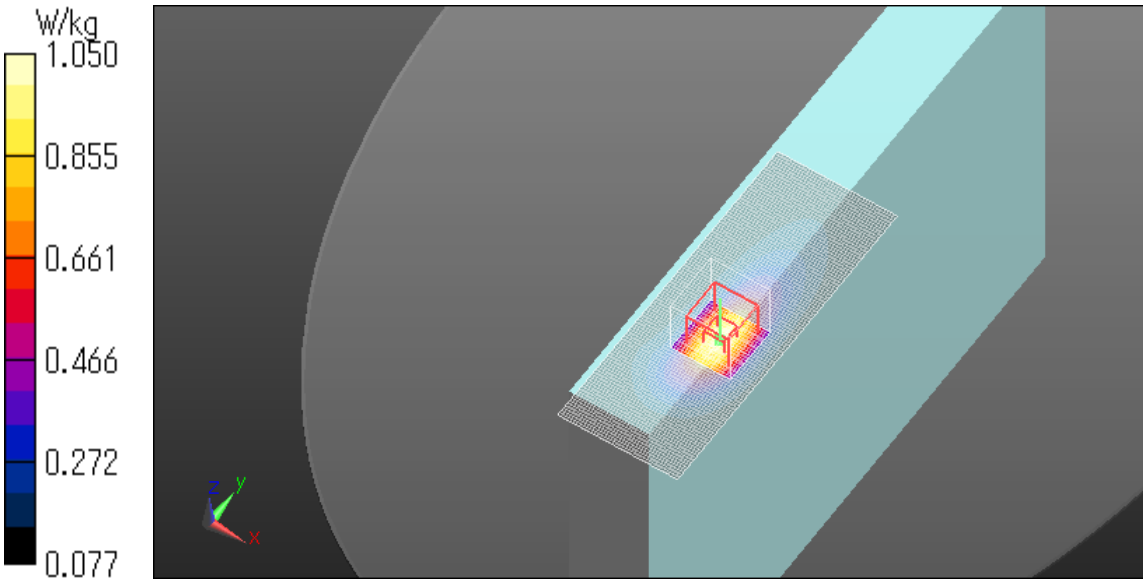
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.964 S/m; ε_r = 54.852; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)),
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan (41x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.869 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.360 V/m; Power Drift = 0.15dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.533 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



Plot No.8

GSM850 GPRS 2slots Edge1 16mm Full Power 848.8MHz
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 848.6 MHz; σ = 0.977 S/m; ε_r = 54.734; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

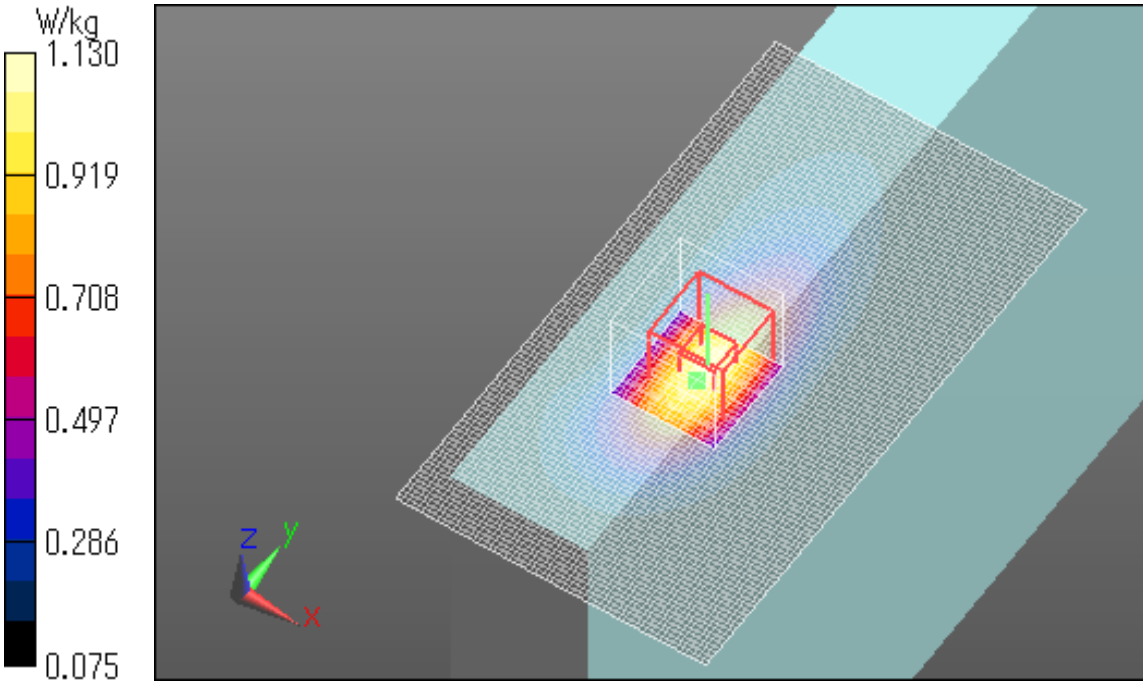
Area Scan 2 2 (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.073 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.574 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.13 W/kg



Plot No.9

GSM850 GPRS 2slots Edge4 0mm Full Power 836.6MHz

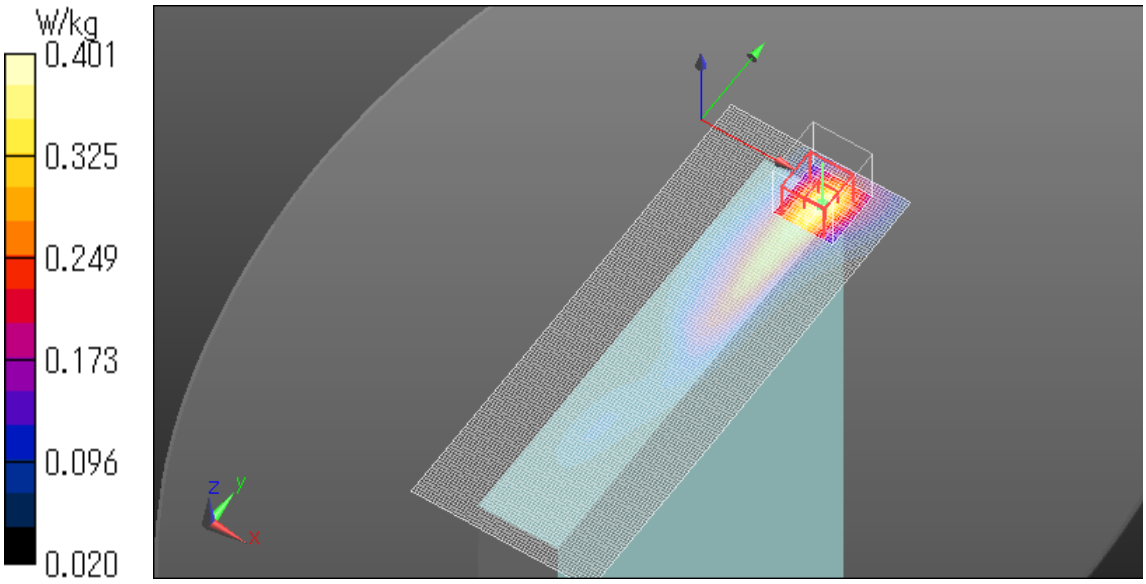
Communication System: UID 0, Generic GSM (0); Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Duty Cycle: 1:4.19952
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.964 S/m; ε_r = 54.852; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV4 - SN3922; ConvF(10.16, 10.16, 10.16); Calibrated: 2013/06/04;
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2013/06/03
Phantom: ELI v5.0 TP1207; Type: QDOVA002AA;
Measurement SW: DASY52, Version 52.8 (7);

Area Scan 2 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.390 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.887 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.401 W/kg



Plot No.10