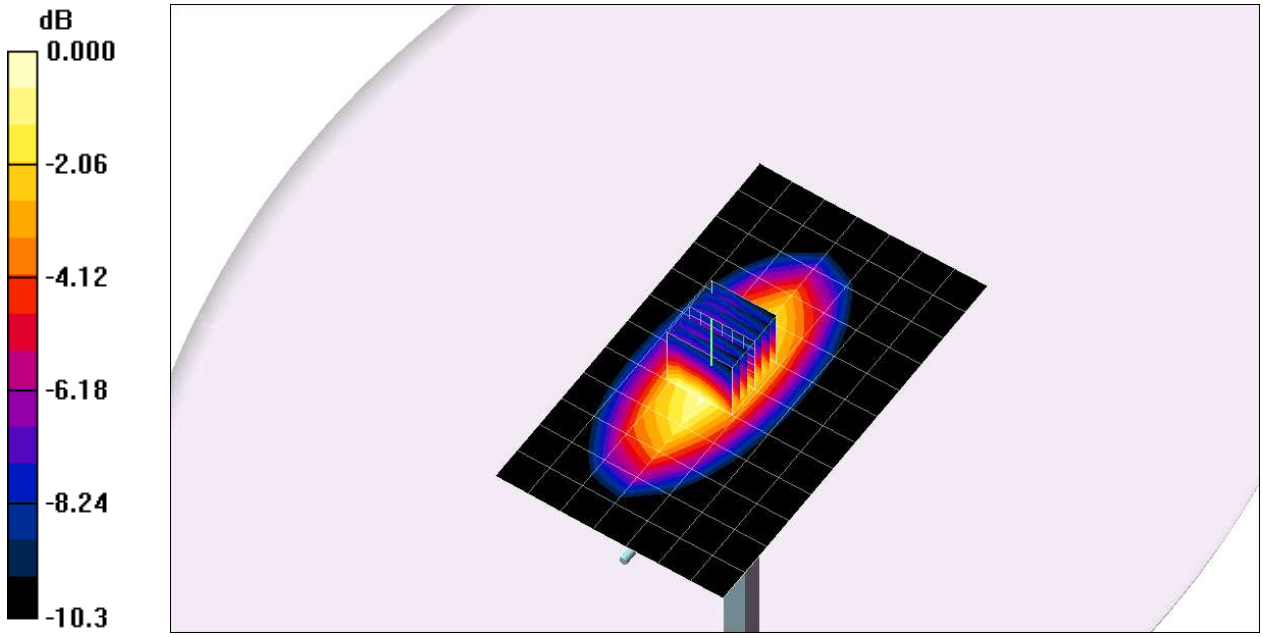
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

20140912_System Check_Dipole835V2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835.3 MHz; σ = 0.979 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Body/Pin=100mW, d=15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 mW/g

Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 31.9 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.614 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



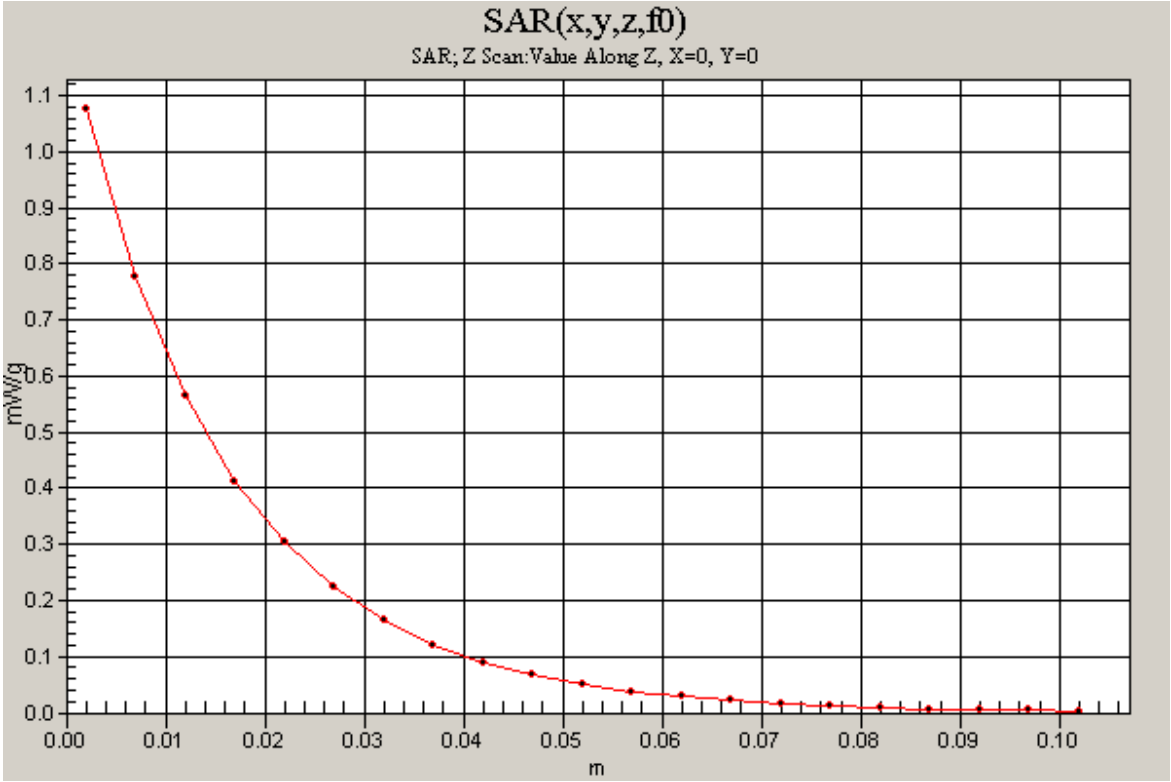
0 dB = 1.16mW/g

Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

20140912_System Check_Dipole835V2 SN4d015

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=15mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

20140914_System Check_Dipole1900V2 SN5d056

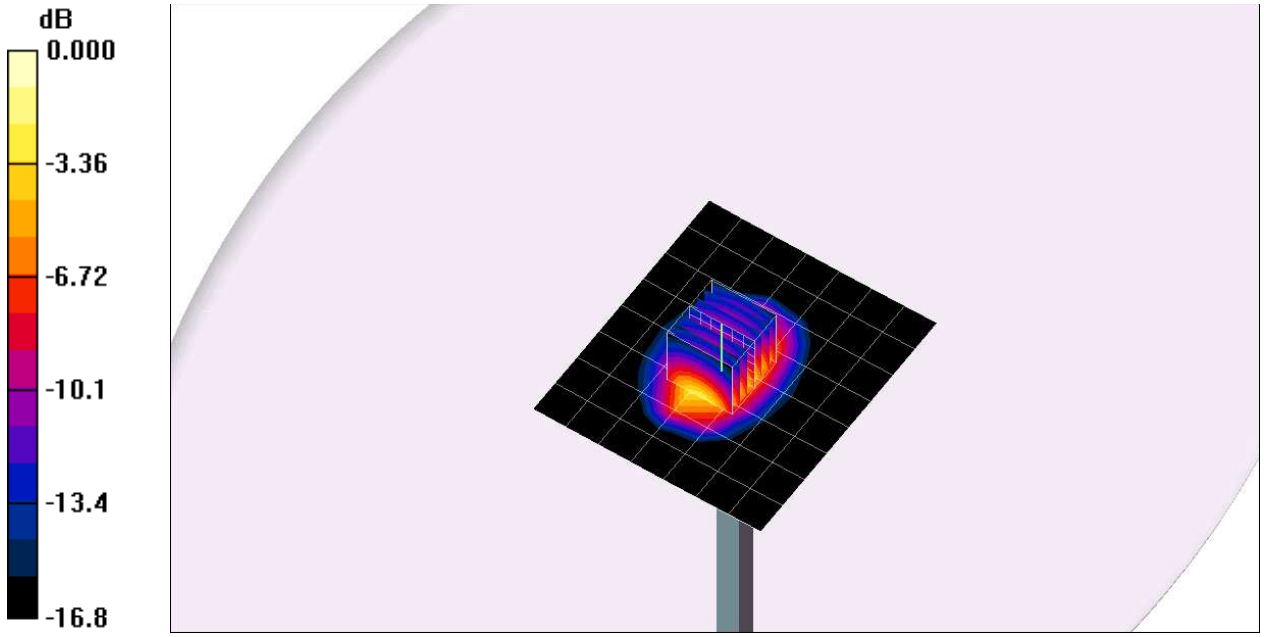
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Body/Pin=100mW, d=10mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 4.71 mW/g

Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.0 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 6.89 W/kg
SAR(1 g) = 3.91 mW/g; SAR(10 g) = 2.07 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.49 mW/g



0 dB = 5.49mW/g

Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

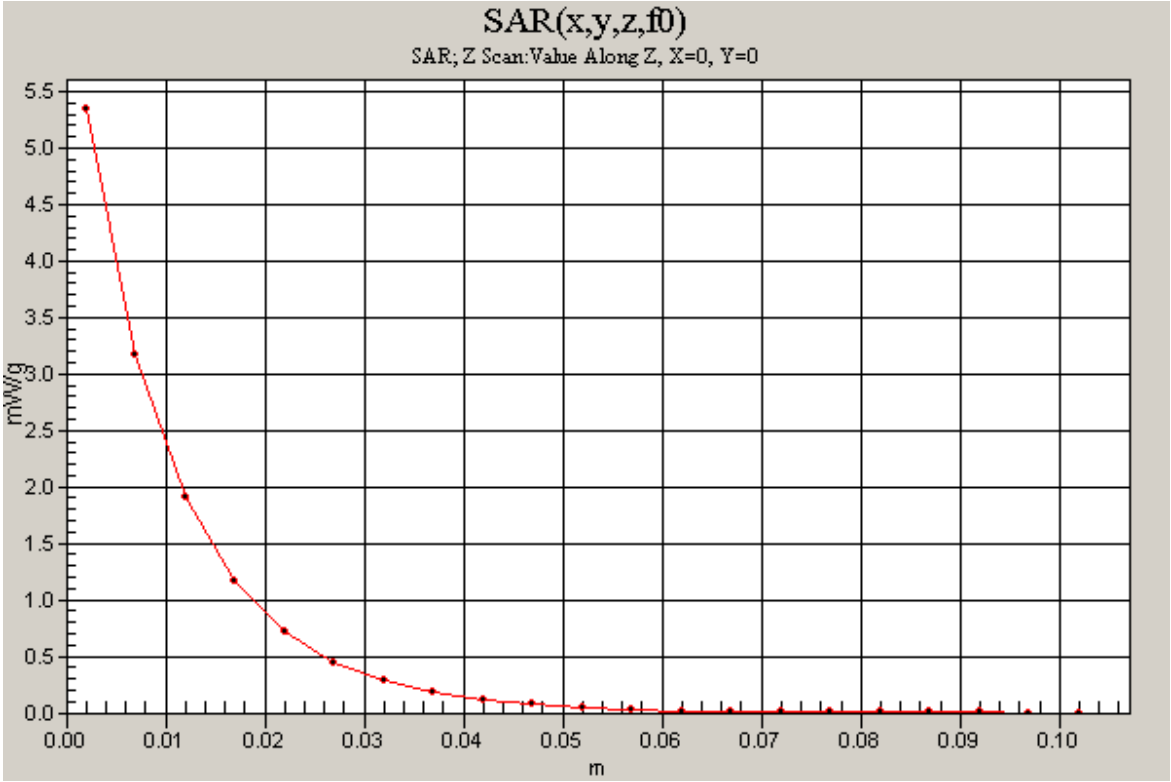
20140914_System Check_Dipole1900V2 SN5d056

Frequency: 1900 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 5.35 mW/g



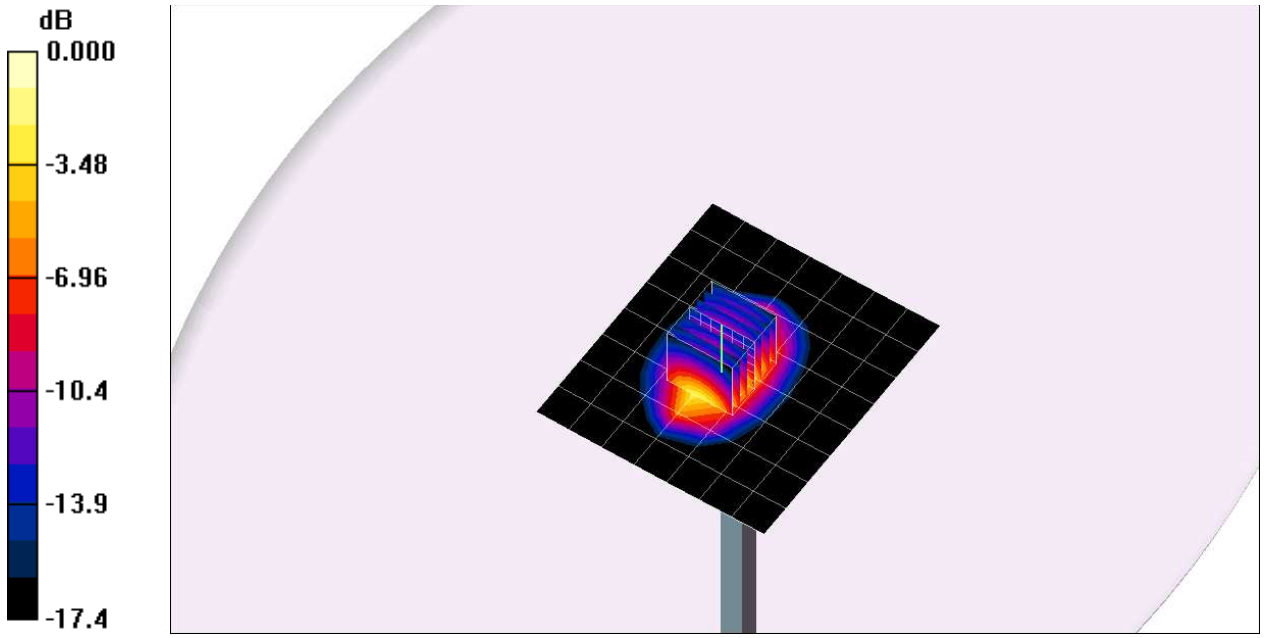
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

20140915_System Check_Dipole1800V2 SN2d062

Frequency: 1800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1800 MHz; σ = 1.52 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Body/Pin=100mW, d=10mm/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.13 mW/g

Body/Pin=100mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 6.98 W/kg
SAR(1 g) = 3.86 mW/g; SAR(10 g) = 2.02 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.50 mW/g



0 dB = 5.50mW/g

Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

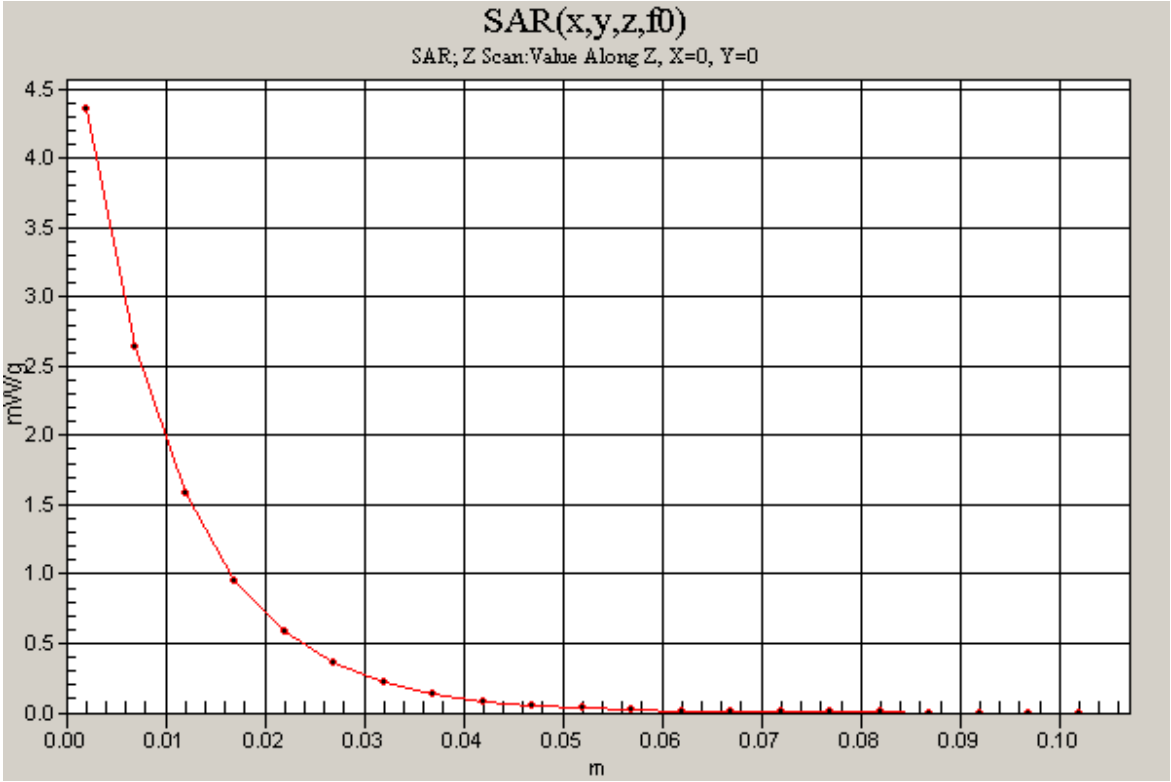
20140915_System Check_Dipole1800V2 SN2d062

Frequency: 1800 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 4.36 mW/g



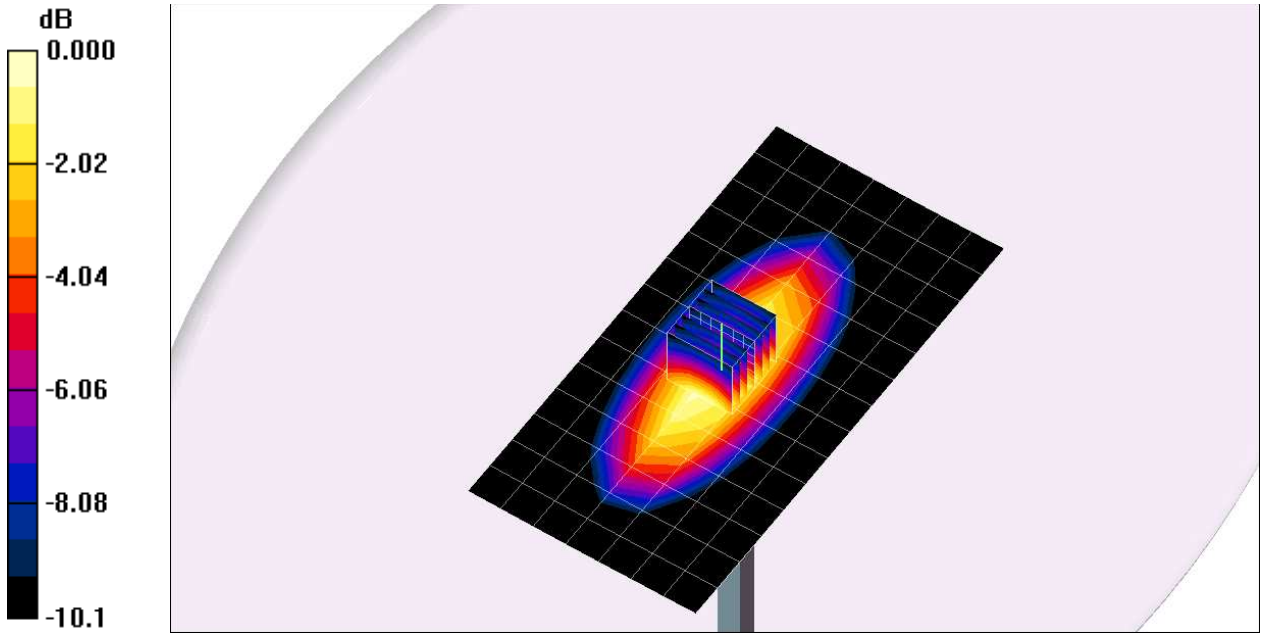
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

20140916_System Check_Dipole750V2 SN2d062

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 750 MHz; σ = 0.954 mho/m; ε_r = 56.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Body/Pin=100mW, d=15mm/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g

Body/Pin=100mW, d=15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 34.8 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.592 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g

Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

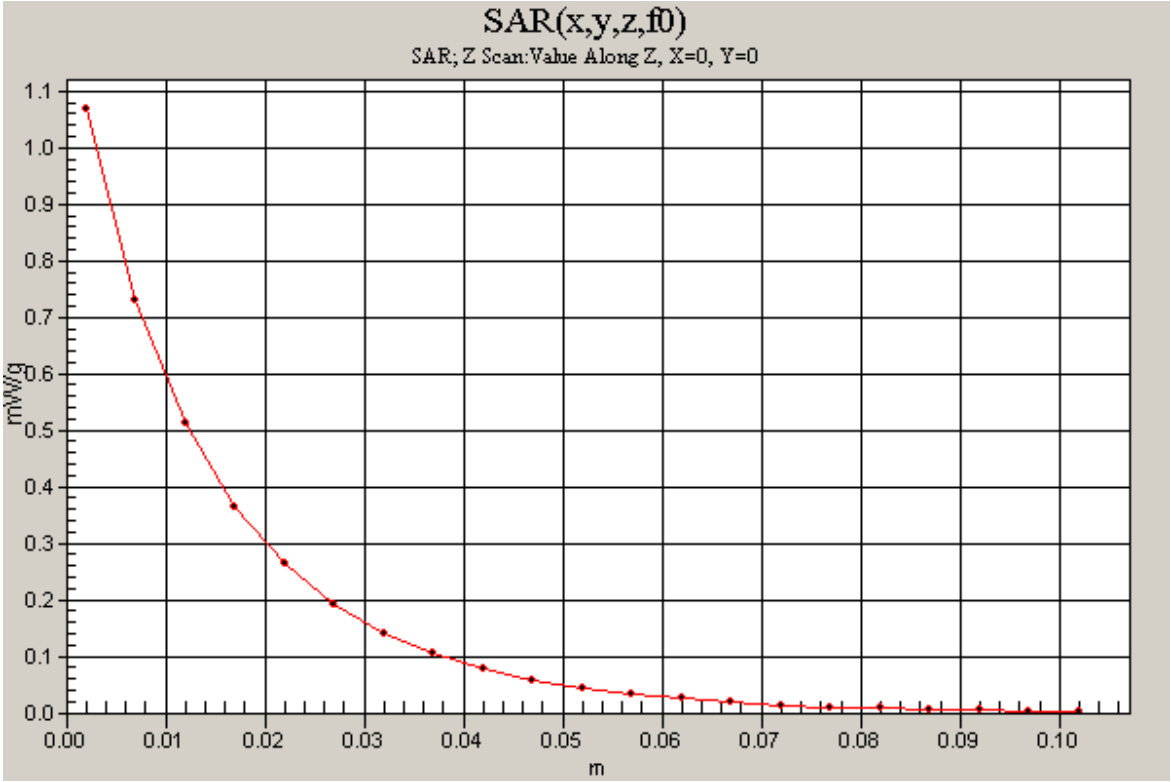
20140916_System Check_Dipole750V2 SN2d062

Frequency: 750 MHz; Duty Cycle: 1:1

Body/Pin=100mW, d=15mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.07 mW/g



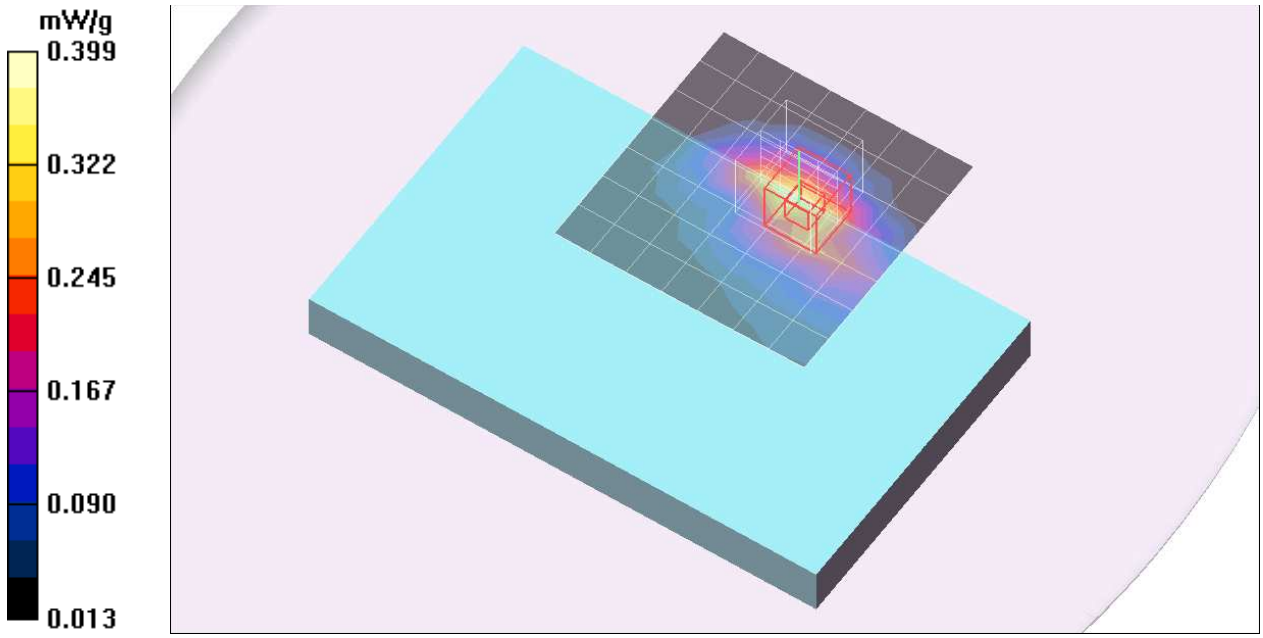
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.993 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 850 2 Slot/CH251/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.390 mW/g

Rear Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.36 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.167 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.399 mW/g



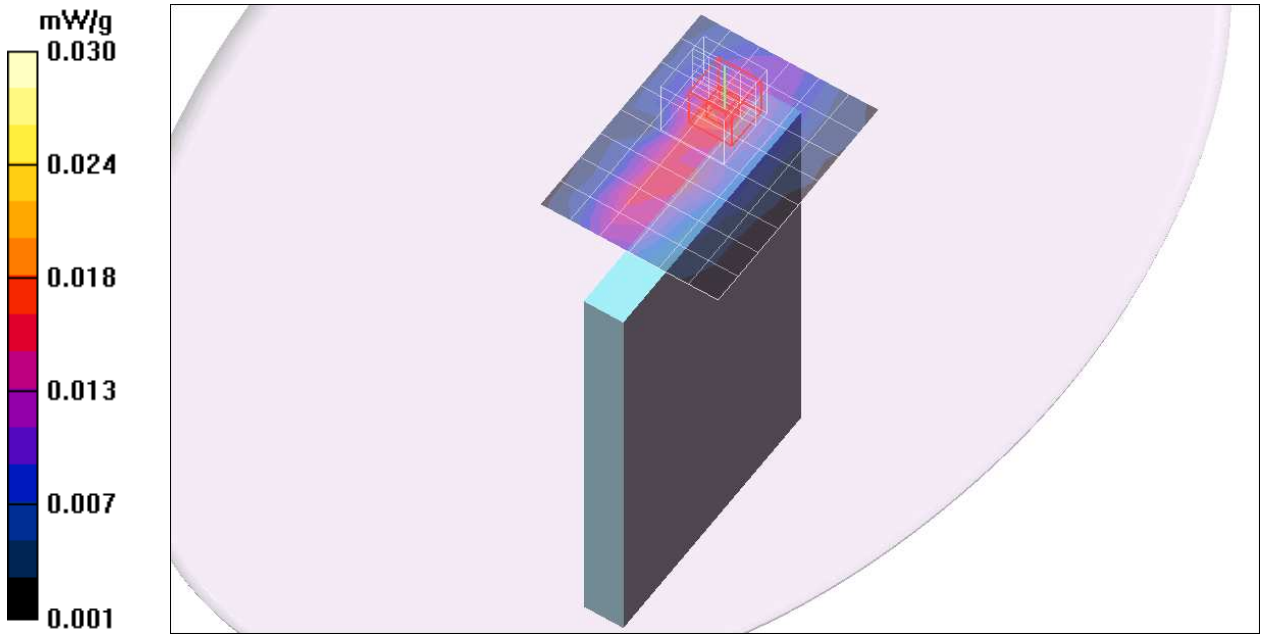
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.993 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge1 Side/GPRS 850 2 Slot/CH251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.017 mW/g

Edge1 Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.25 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.027 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0092 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.021 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

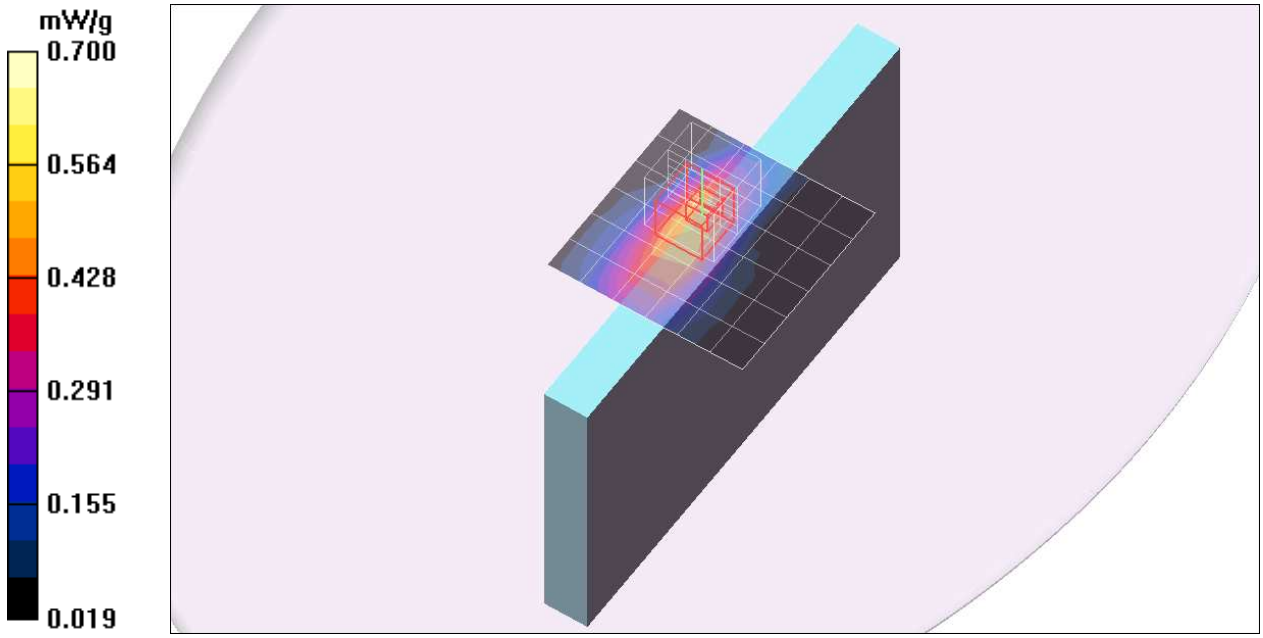
Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.993 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/GPRS 850 2 Slot/CH251/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.516 mW/g

Edge2 Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.293 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.847 mW/g

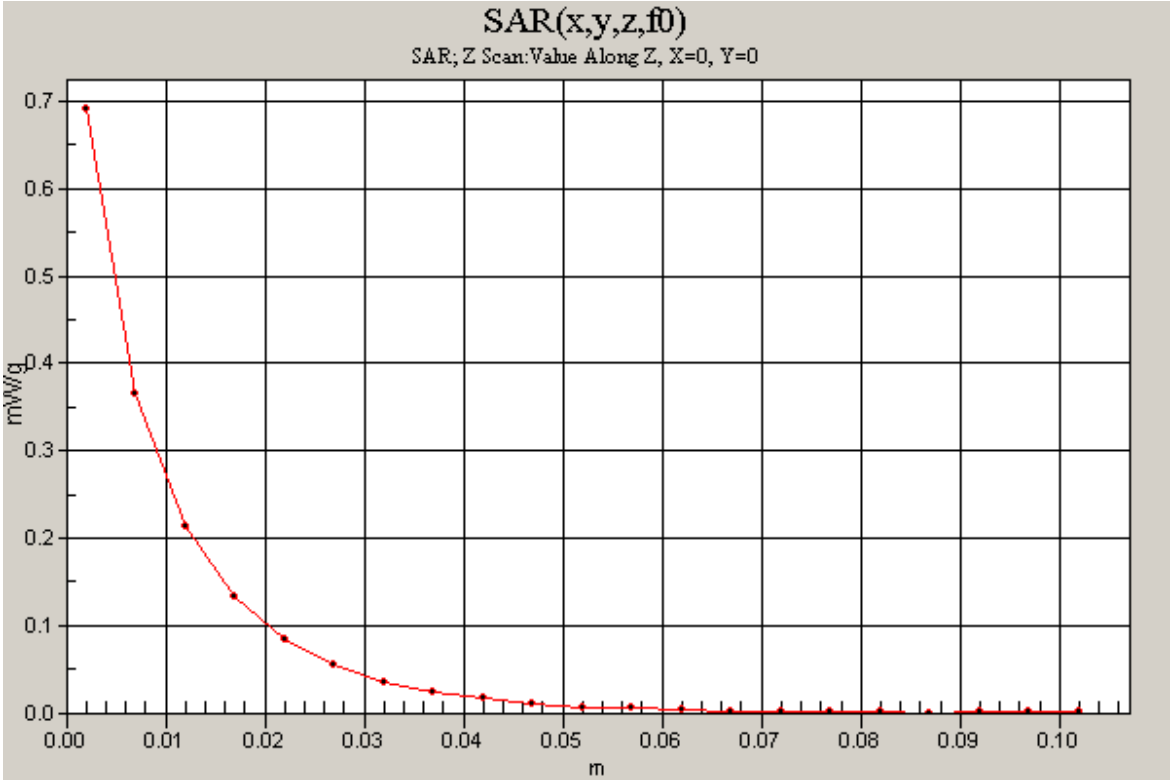


Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

Frequency: 848.8 MHz; Duty Cycle: 1:4

Edge2 Side/GPRS 850 2 Slot/CH251/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.691 mW/g



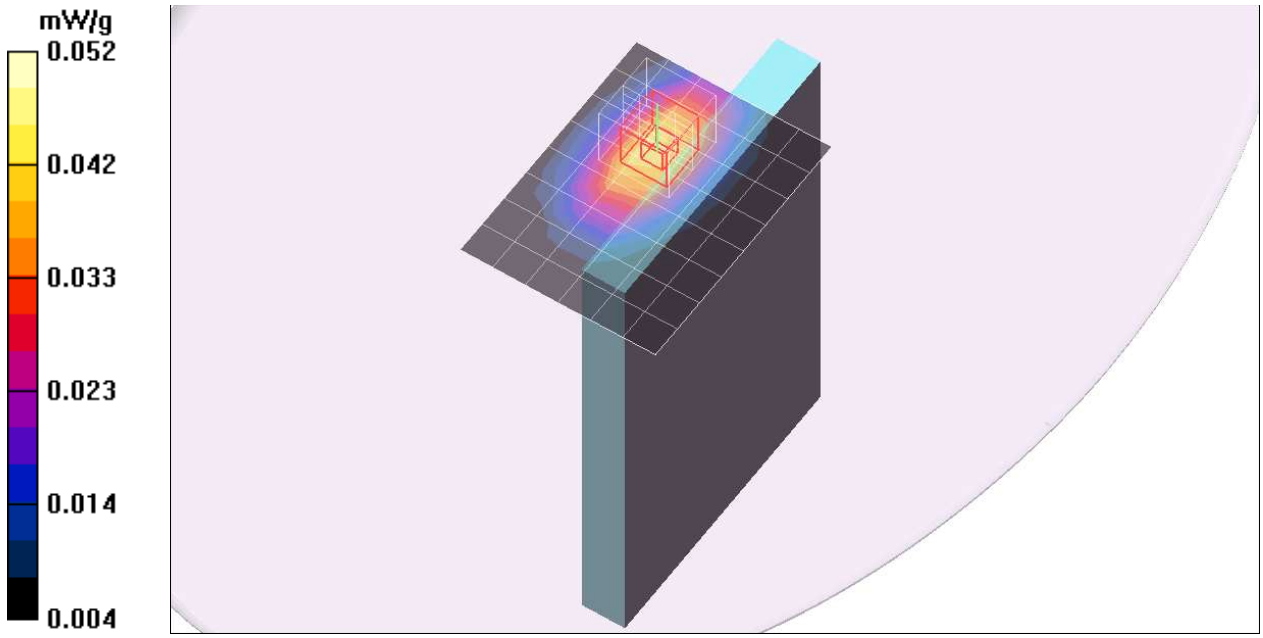
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.993 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge3 Side/GPRS 850 2 Slot/CH251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.045 mW/g

Edge3 Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.16 V/m; Power Drift = -0.197 dB
Peak SAR (extrapolated) = 0.062 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.027 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

GSM 850 Band

Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.993 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge4 Side/GPRS 850 2 Slot/CH251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

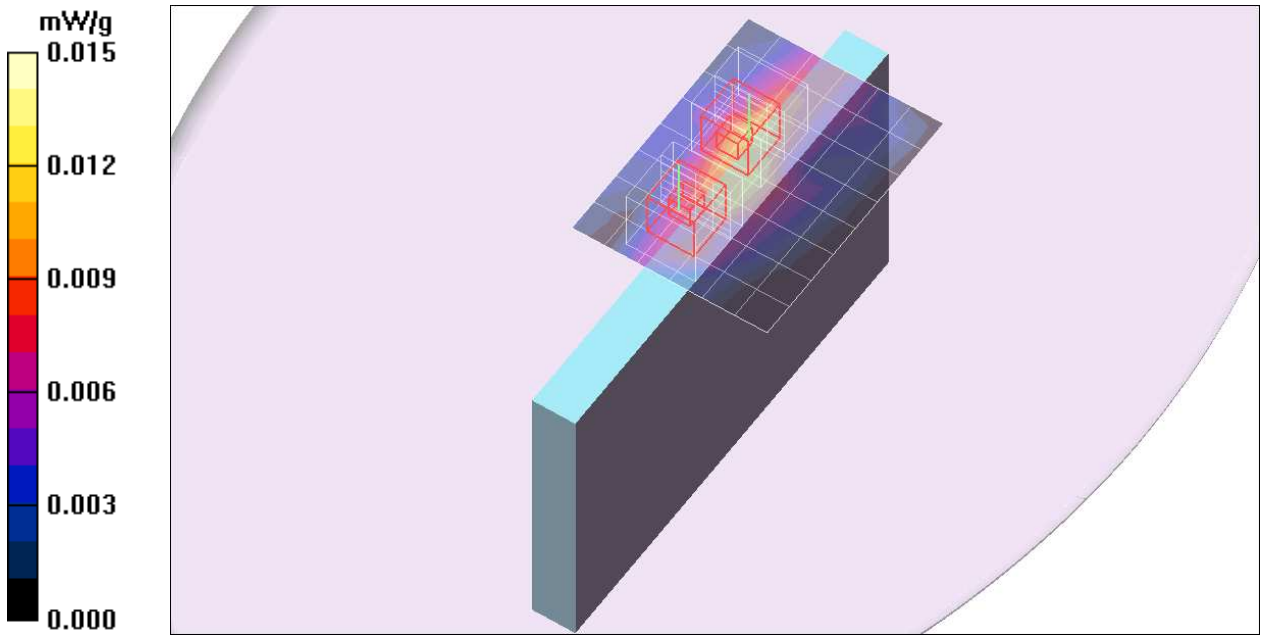
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.012 mW/g

Edge4 Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.84 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00853 mW/g; SAR(10 g) = 0.00575 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.010 mW/g

Edge4 Side/GPRS 850 2 Slot/CH251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.84 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.00685 mW/g; SAR(10 g) = 0.00407 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.008 mW/g



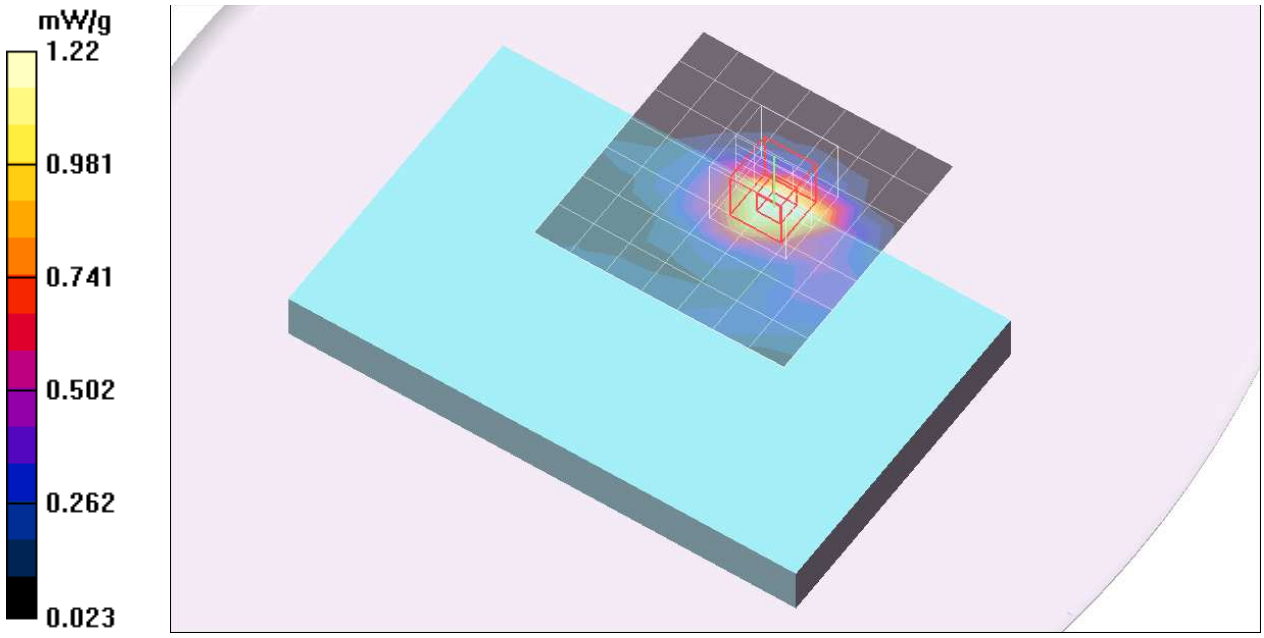
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 1900 2 Slot/CH661/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.36 mW/g

Rear Side/GPRS 1900 2 Slot/CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.510 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 mW/g



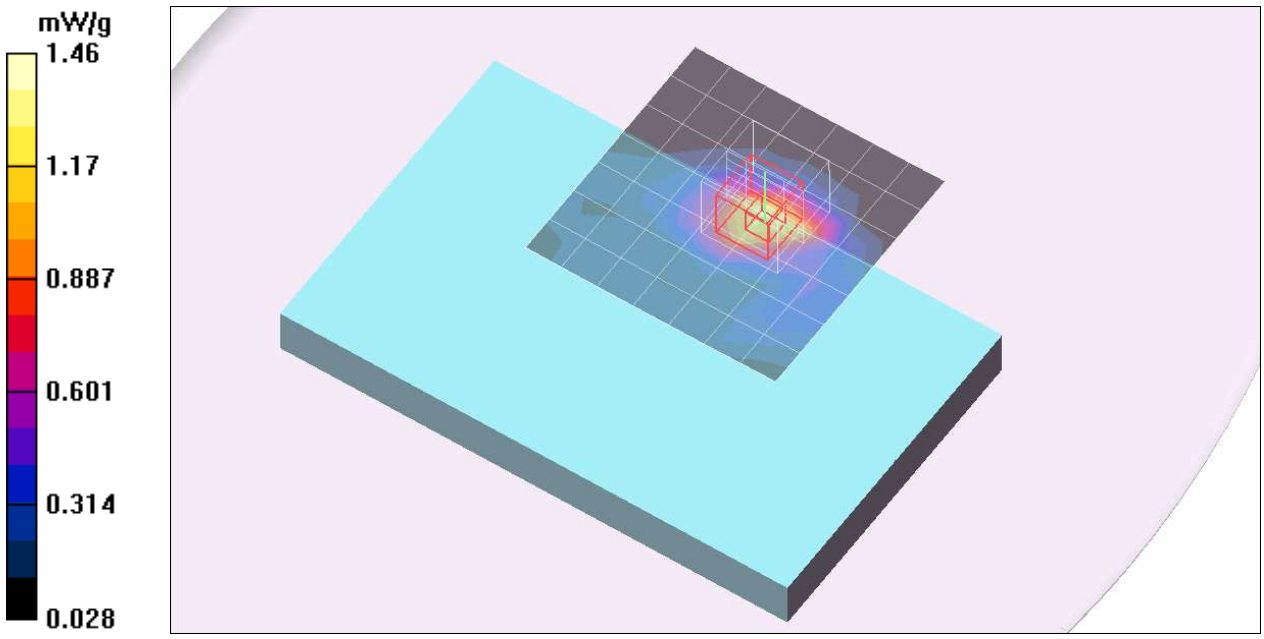
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1850.2 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 1900 2 Slot/CH512/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 mW/g

Rear Side/GPRS 1900 2 Slot/CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.592 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.46 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

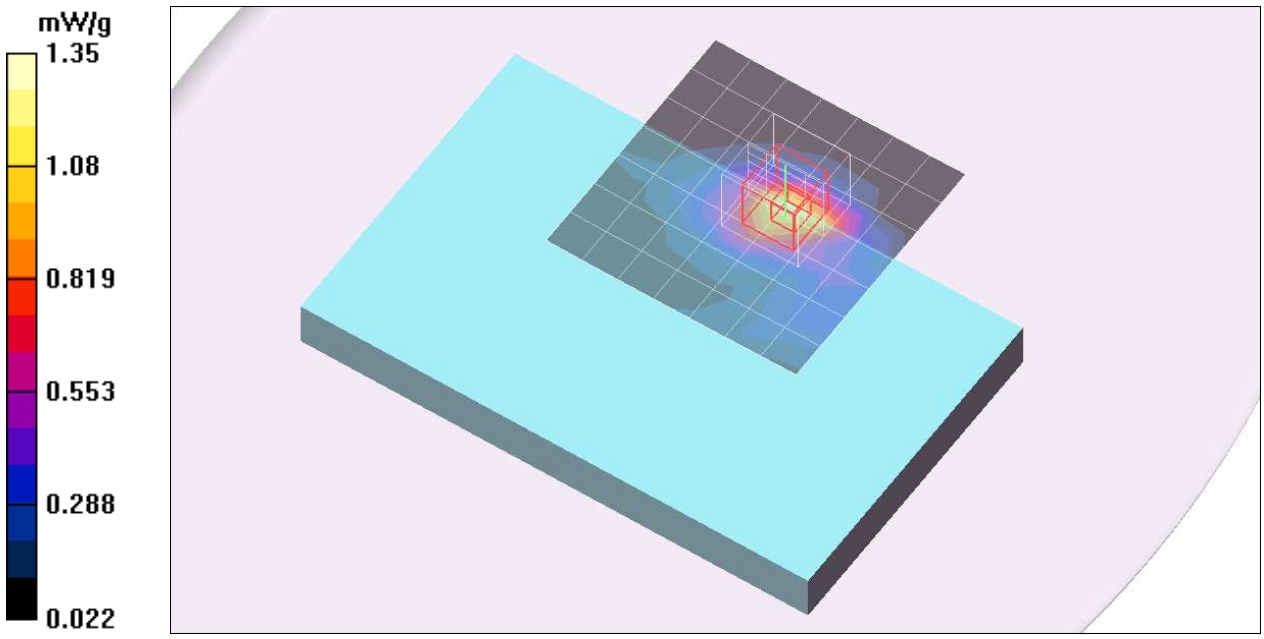
Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 1900 2 Slot/CH810/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 mW/g

Rear Side/GPRS 1900 2 Slot/CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.65 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.543 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 mW/g



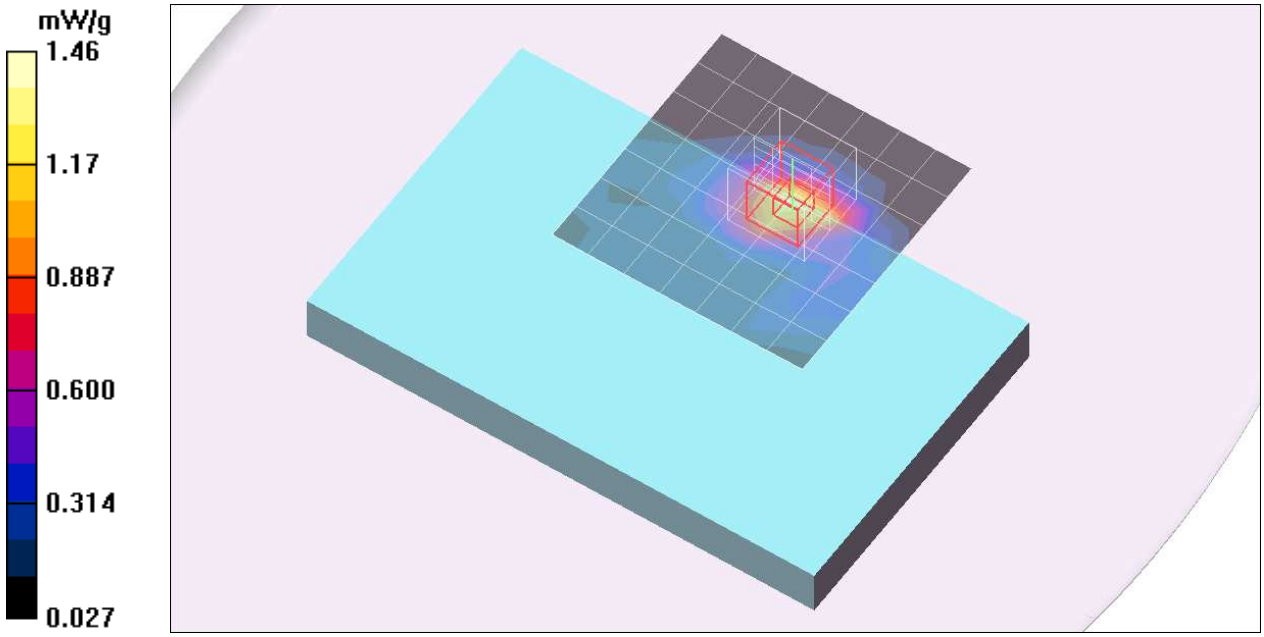
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GSM 1900 Band

Frequency: 1850.2 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 1900 2 Slot/CH512_Repeat/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 mW/g

Rear Side/GPRS 1900 2 Slot/CH512_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.615 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.46 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

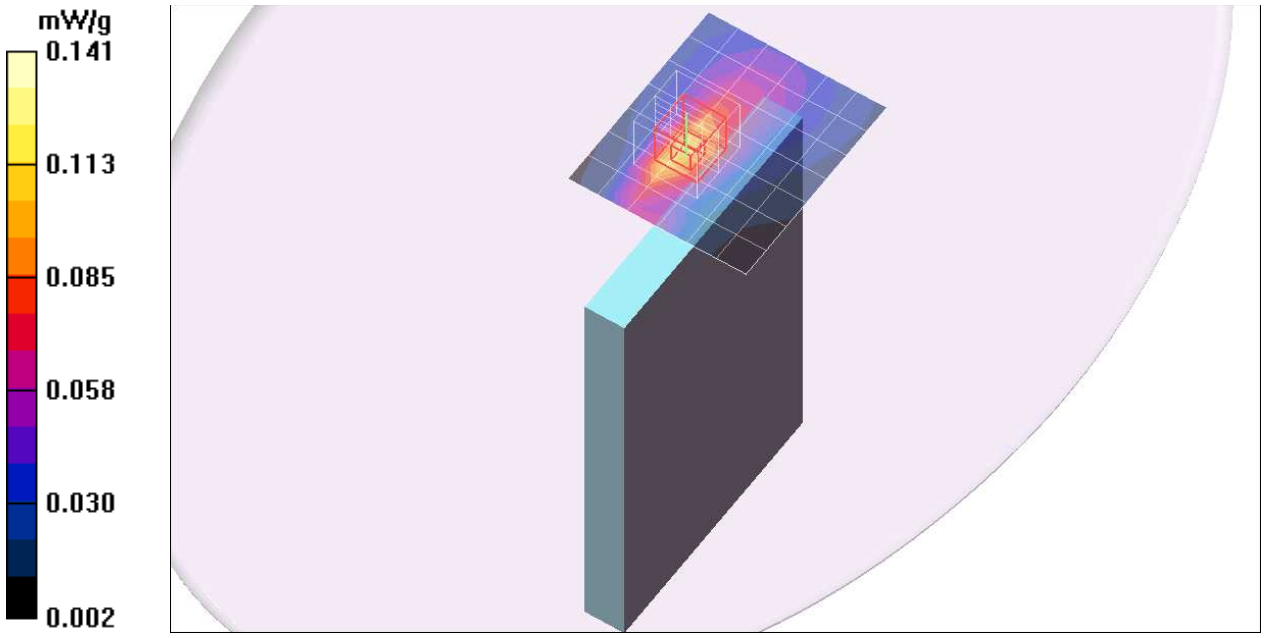
Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge1 Side/GPRS 1900 2 Slot/CH661/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.118 mW/g

Edge1 Side/GPRS 1900 2 Slot/CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.059 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.141 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

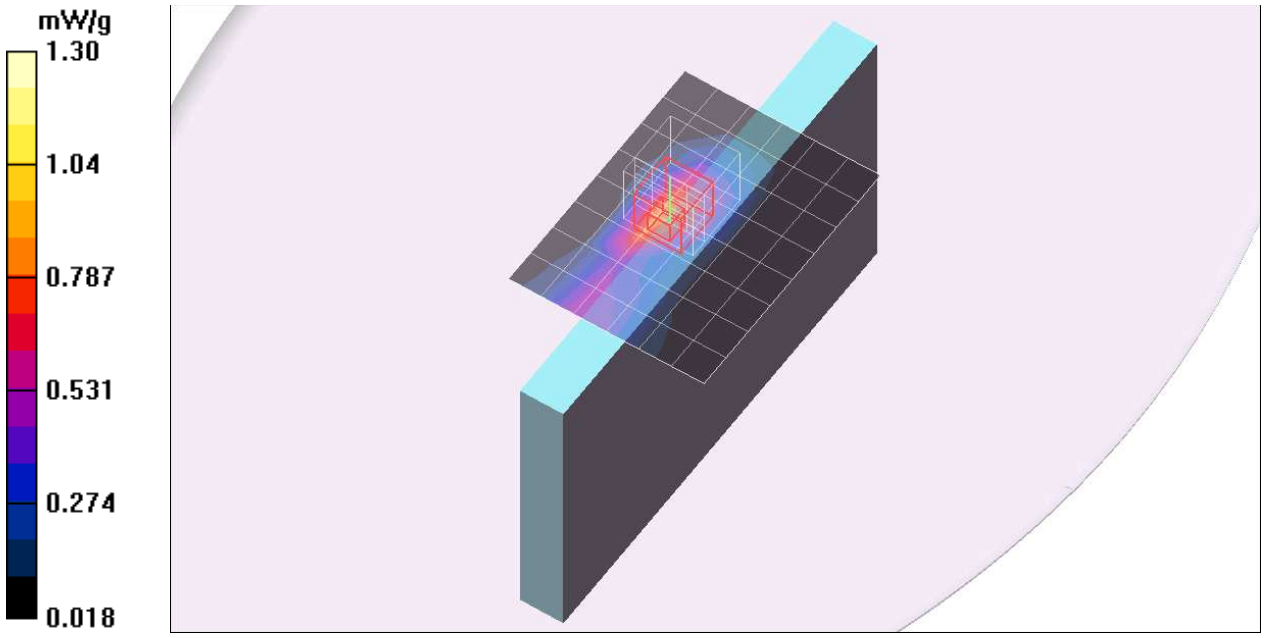
Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/GPRS 1900 2 Slot/CH661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.890 mW/g

Edge2 Side/GPRS 1900 2 Slot/CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.453 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 mW/g



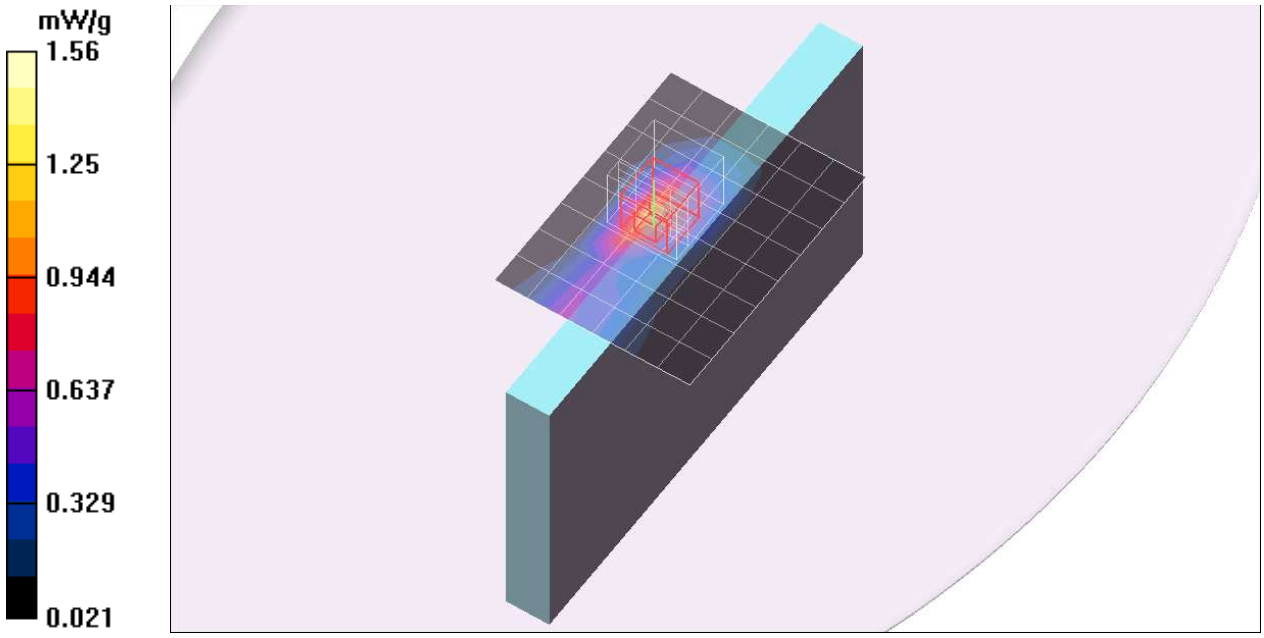
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1850.2 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/GPRS 1900 2 Slot/CH512/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 mW/g

Edge2 Side/GPRS 1900 2 Slot/CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.549 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.56 mW/g



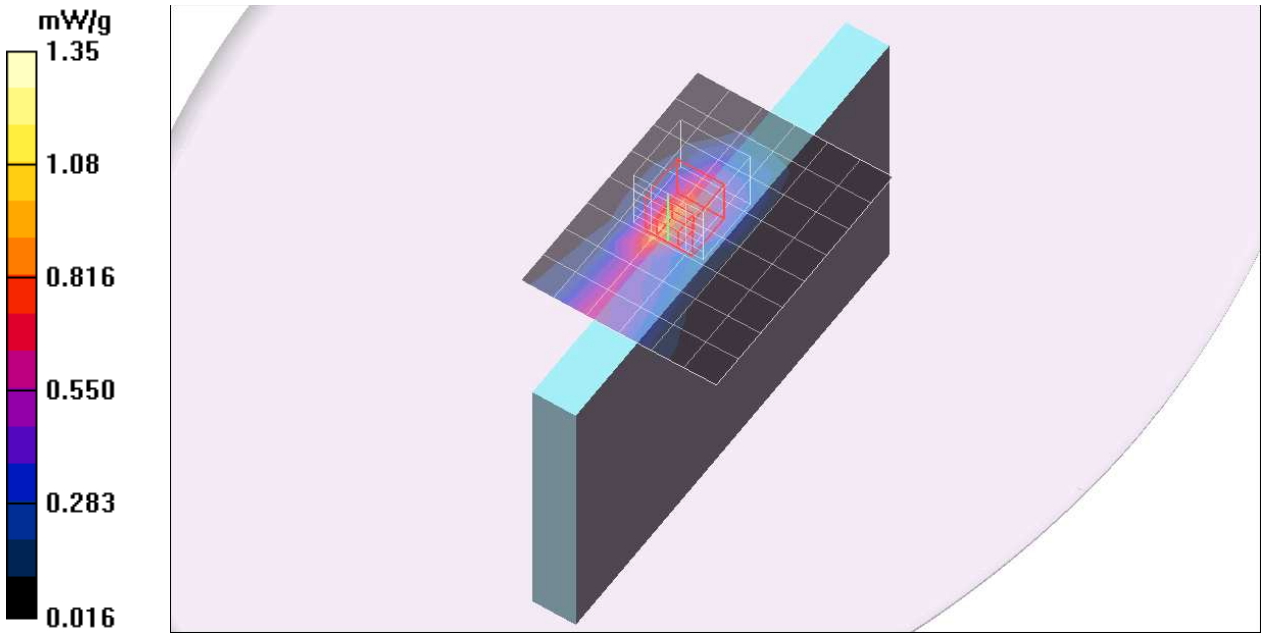
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/GPRS 1900 2 Slot/CH810/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.896 mW/g

Edge2 Side/GPRS 1900 2 Slot/CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.456 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

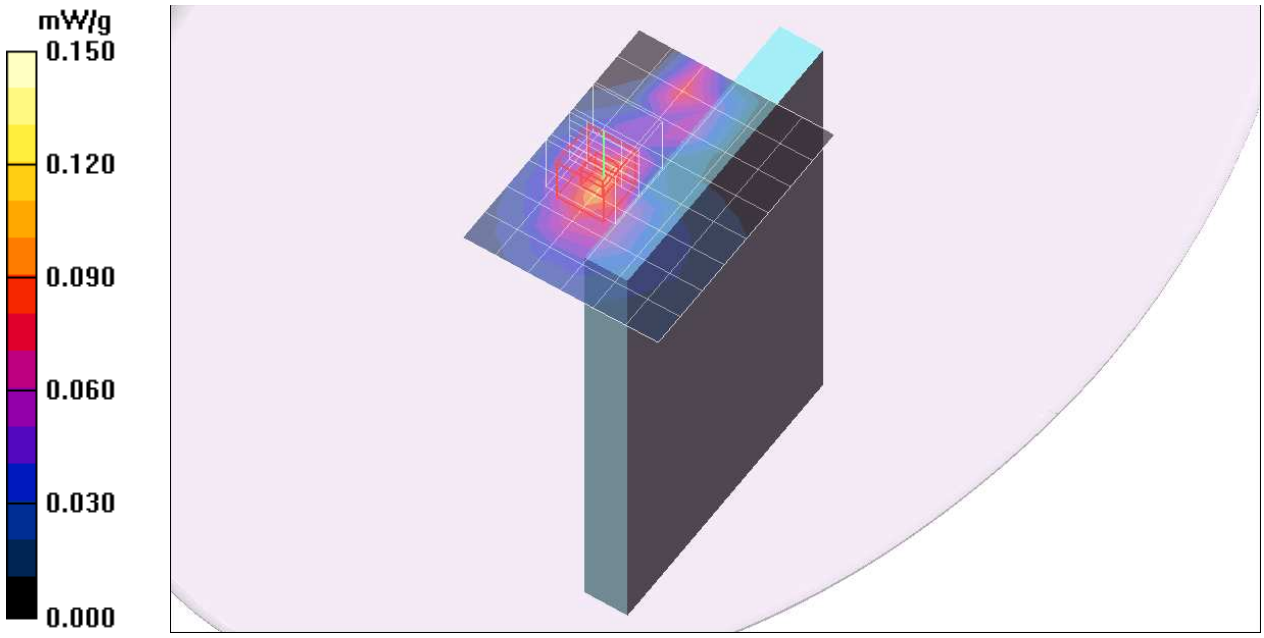
Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge3 Side/GPRS 1900 2 Slot/CH661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.104 mW/g

Edge3 Side/GPRS 1900 2 Slot/CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.048 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.112 mW/g



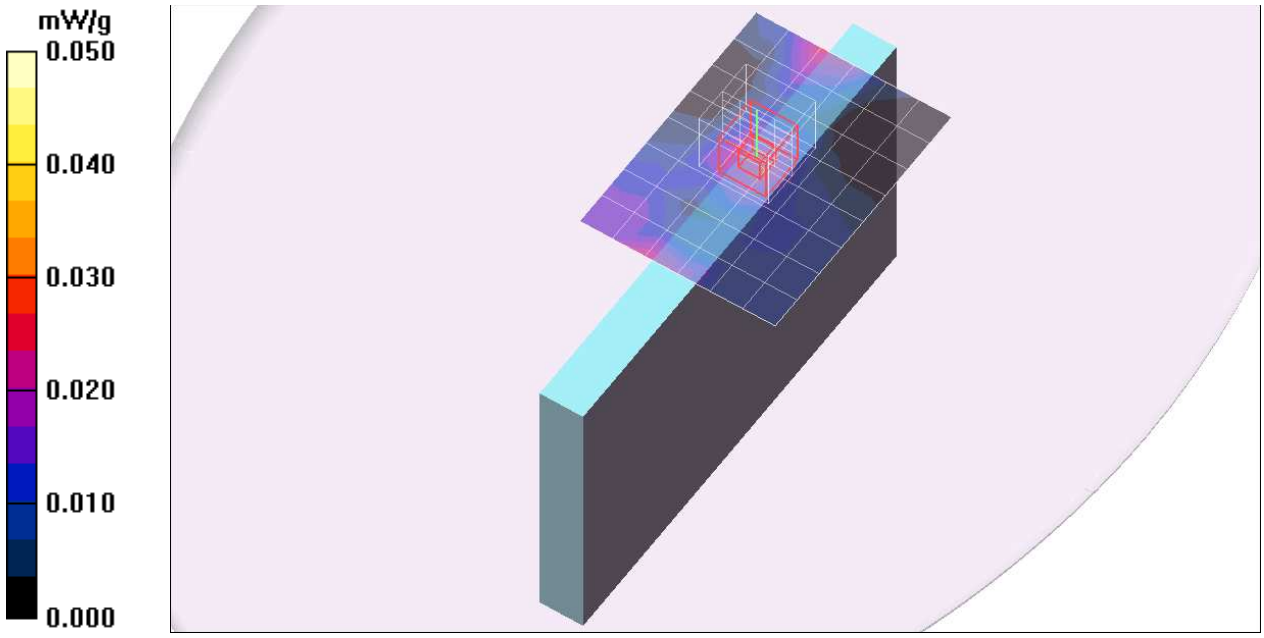
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge4 Side/GPRS 1900 2 Slot/CH661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.025 mW/g

Edge4 Side/GPRS 1900 2 Slot/CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.33 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.027 mW/g



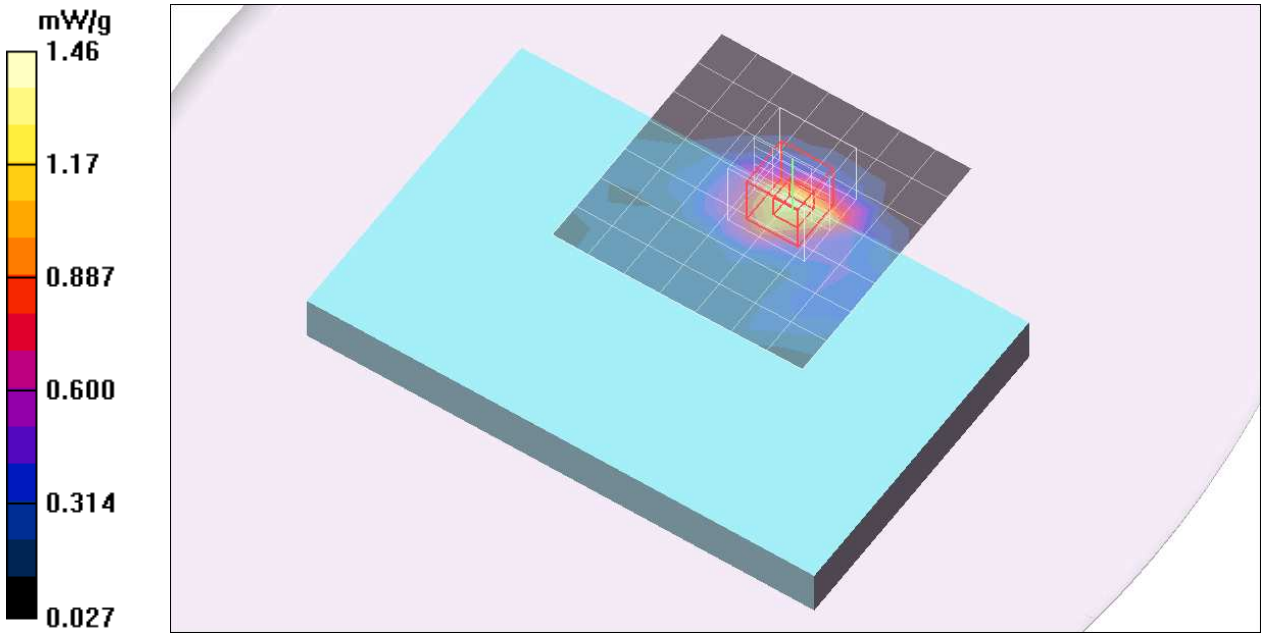
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

GPRS 1900 Band

Frequency: 1850.2 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/GPRS 1900 2 Slot/CH512_Repeat/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 mW/g

Rear Side/GPRS 1900 2 Slot/CH512_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.615 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.46 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

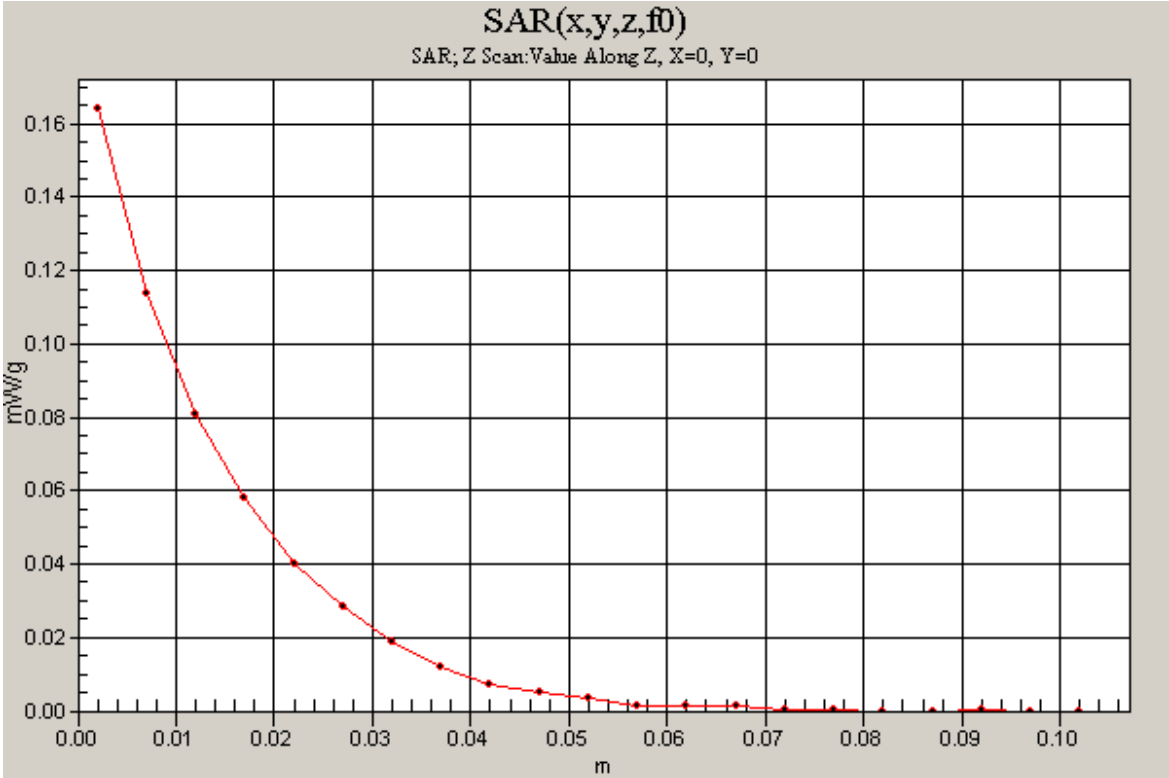
GPRS 1900 Band

Frequency: 1850.2 MHz; Duty Cycle: 1:4

Rear Side/GPRS 1900 2 Slot/CH512_Repeat/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.164 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

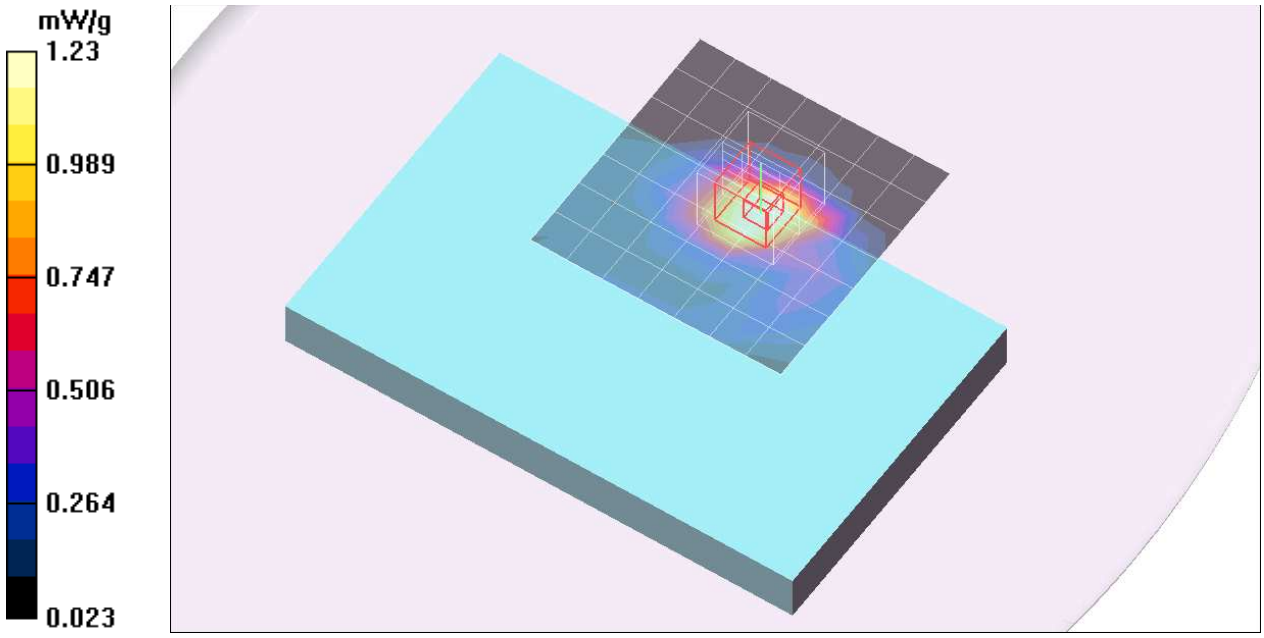
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band II/CH9262/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

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

Rear Side/WCDMA Band II/CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.523 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

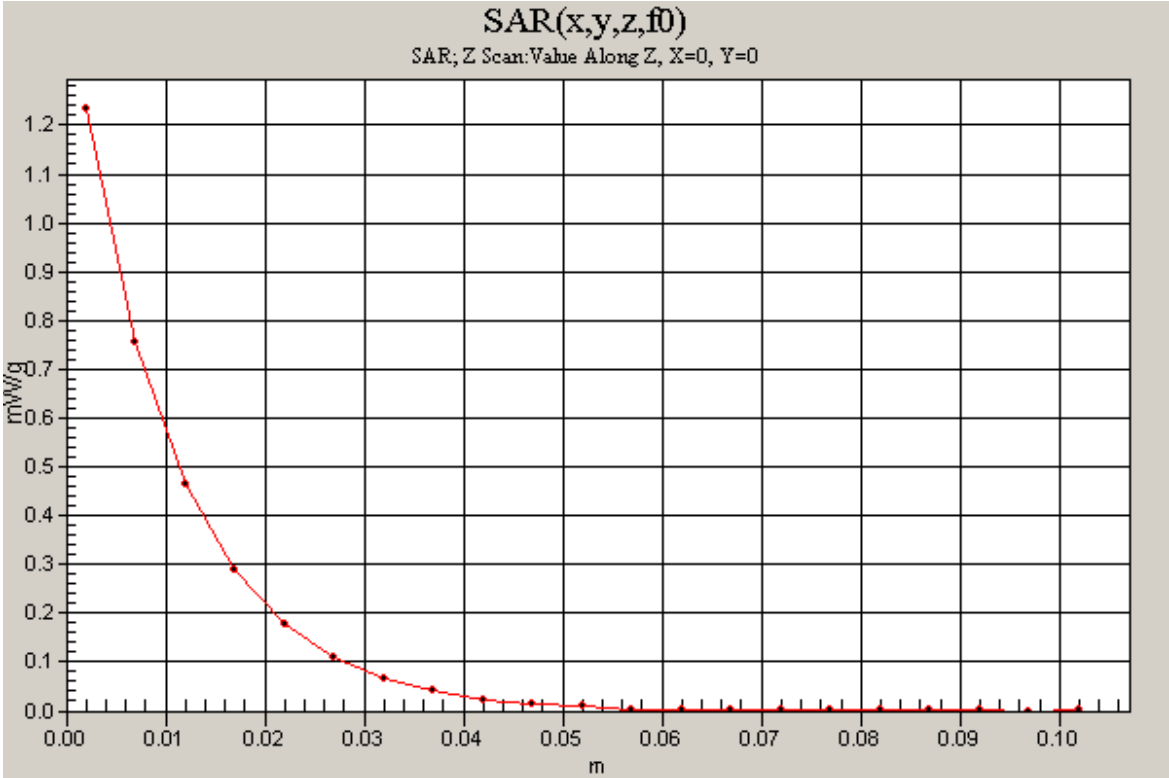
WCDMA Band II

Frequency: 1852.4 MHz; Duty Cycle: 1:1

Rear Side/WCDMA Band II/CH9262/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.23 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

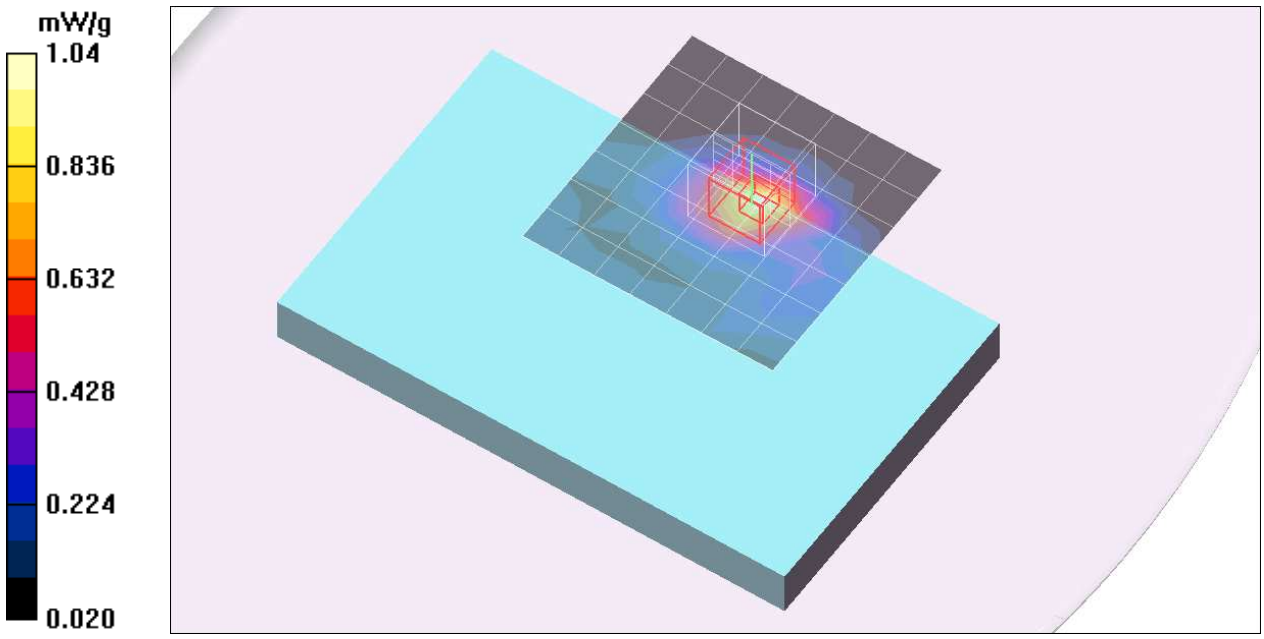
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band II/CH9400/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 mW/g

Rear Side/WCDMA Band II/CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.86 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.435 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g



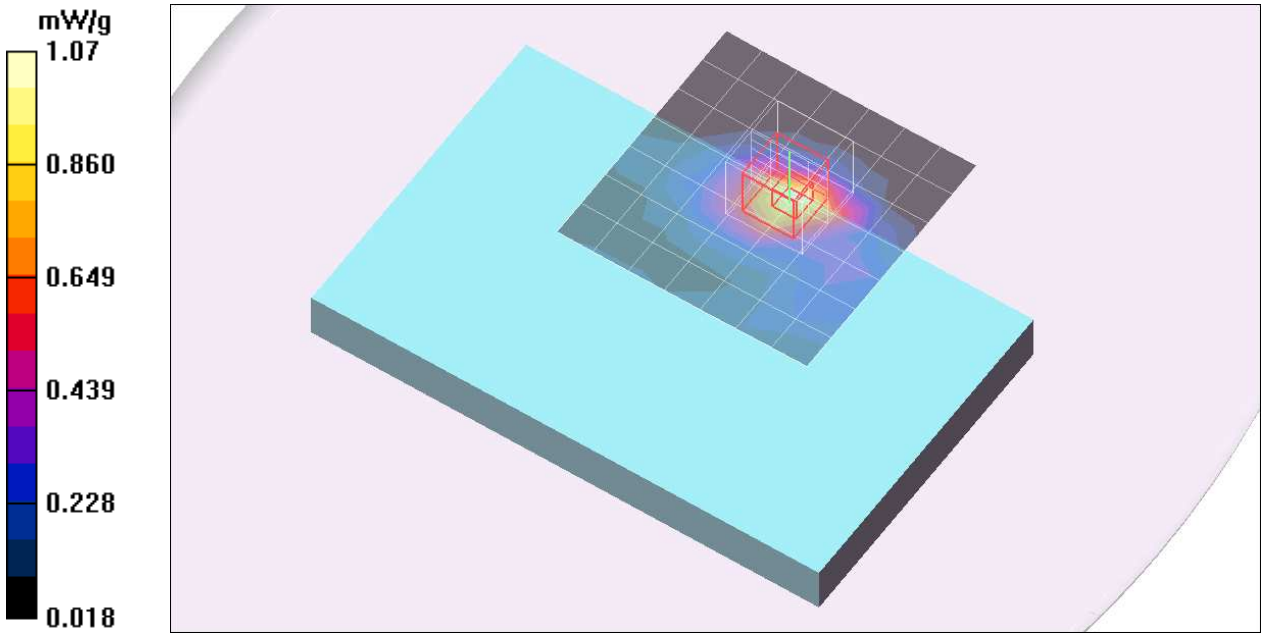
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1907.8 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band II/CH9538/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 mW/g

Rear Side/WCDMA Band II/CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.12 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

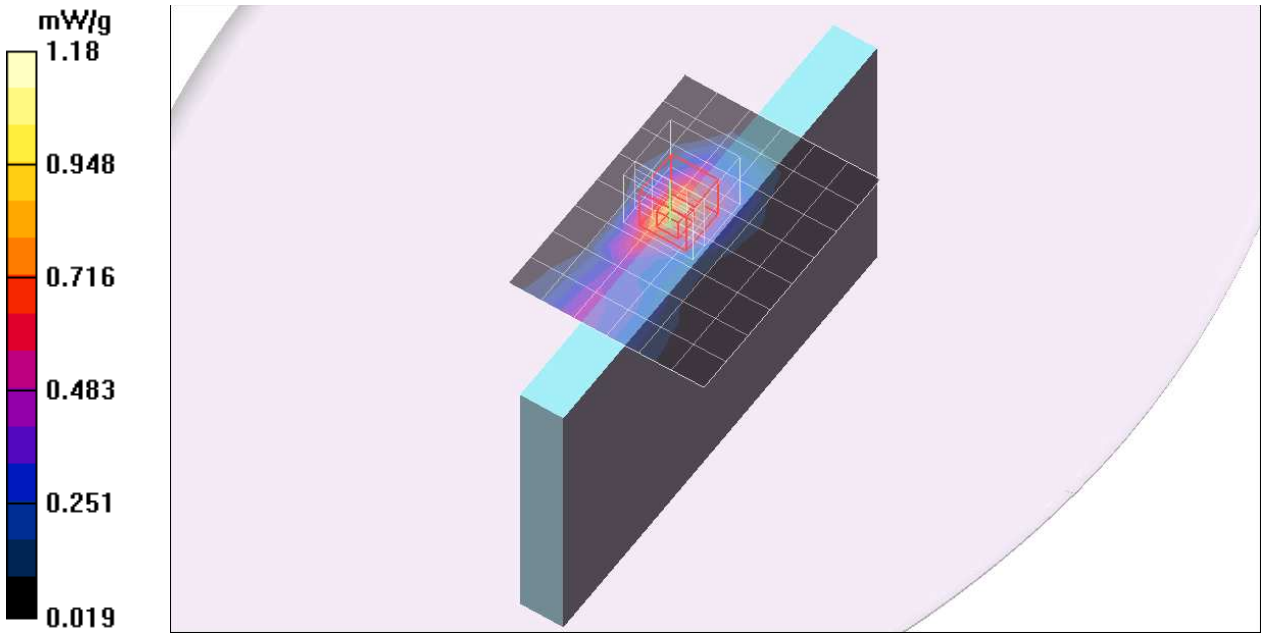
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band II/CH9262/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.881 mW/g

Edge2 Side/WCDMA Band II/CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.450 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

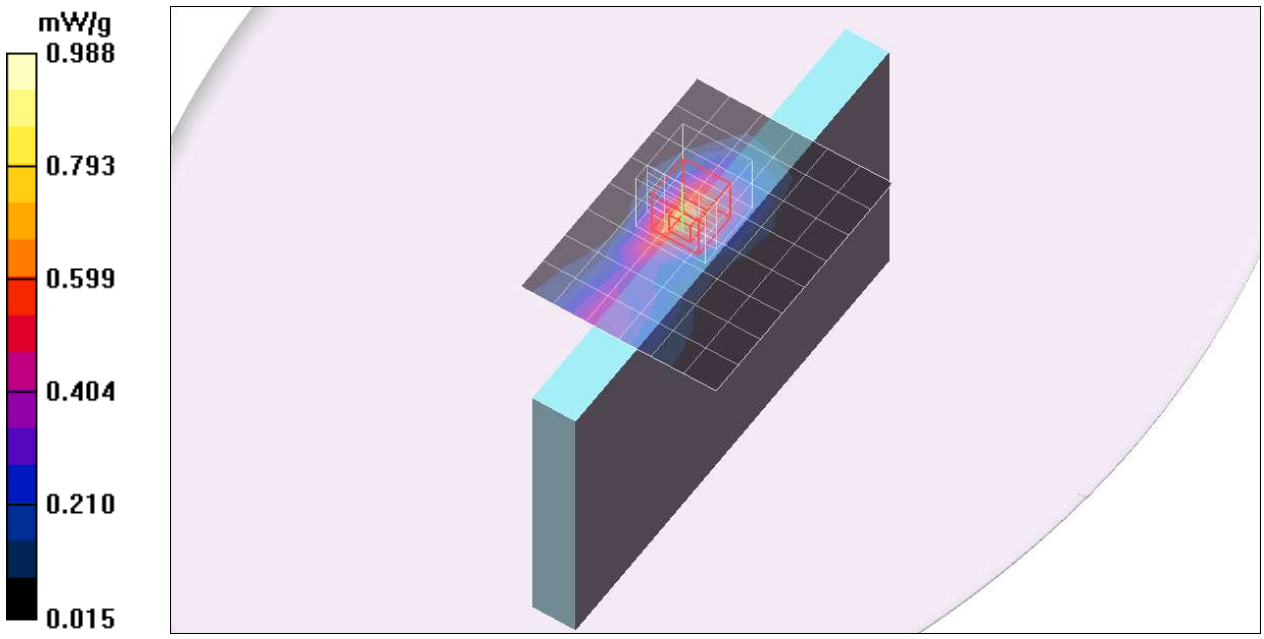
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band II/CH9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.701 mW/g

Edge2 Side/WCDMA Band II/CH9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.364 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.988 mW/g



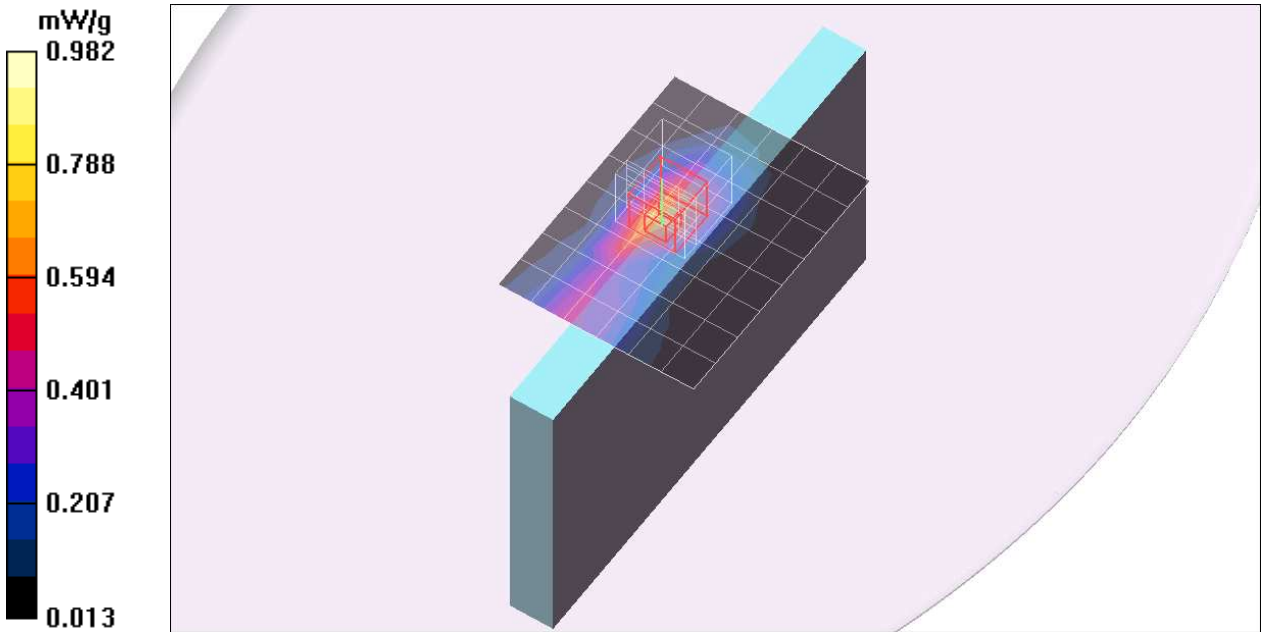
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1907.8 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band II/CH9538/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.710 mW/g

Edge2 Side/WCDMA Band II/CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 0.982 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

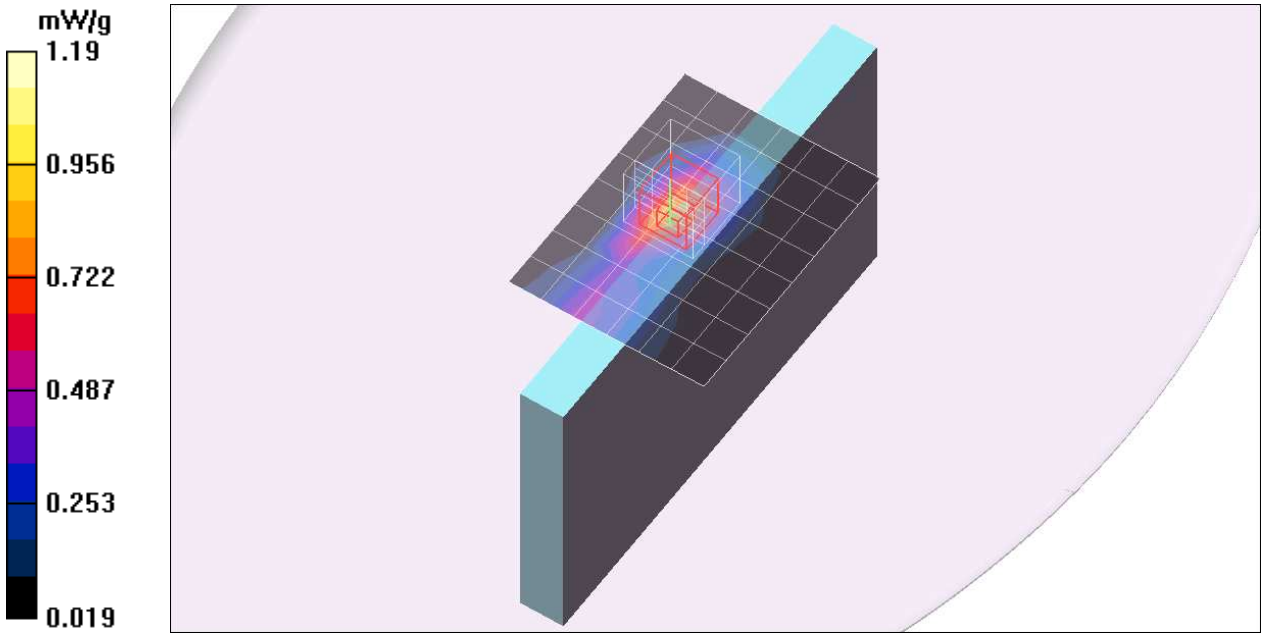
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band II/CH9262_Repeat/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.894 mW/g

Edge2 Side/WCDMA Band II/CH9262_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = 0.075 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.455 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

WCDMA Band II

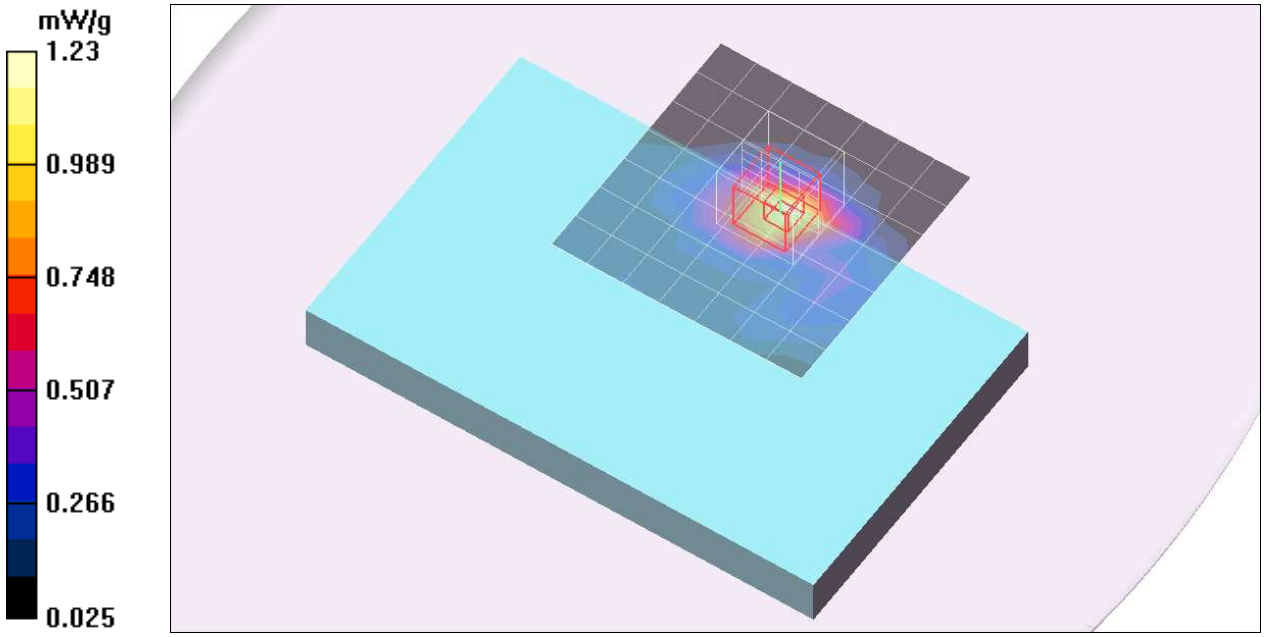
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band II/CH9262_Repeat/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 mW/g

Rear Side/WCDMA Band II/CH9262_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.523 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 mW/g



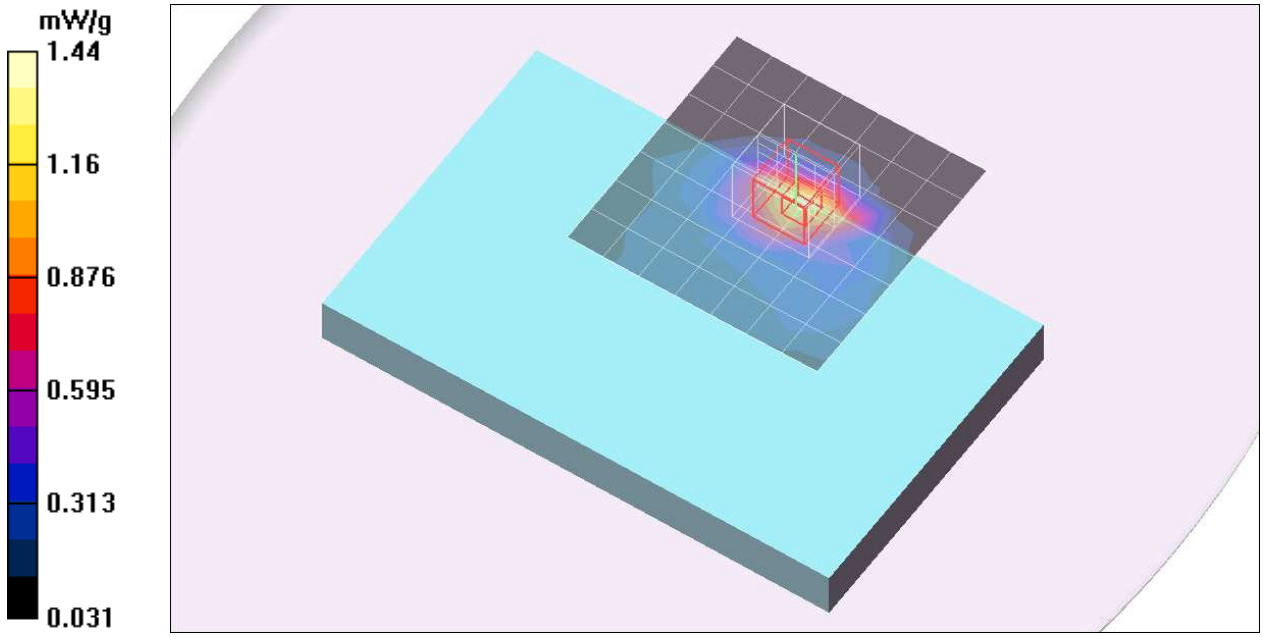
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1713.1 MHz; σ = 1.46 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band IV/CH1312/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.34 mW/g

Rear Side/WCDMA Band IV/CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.826 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.574 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



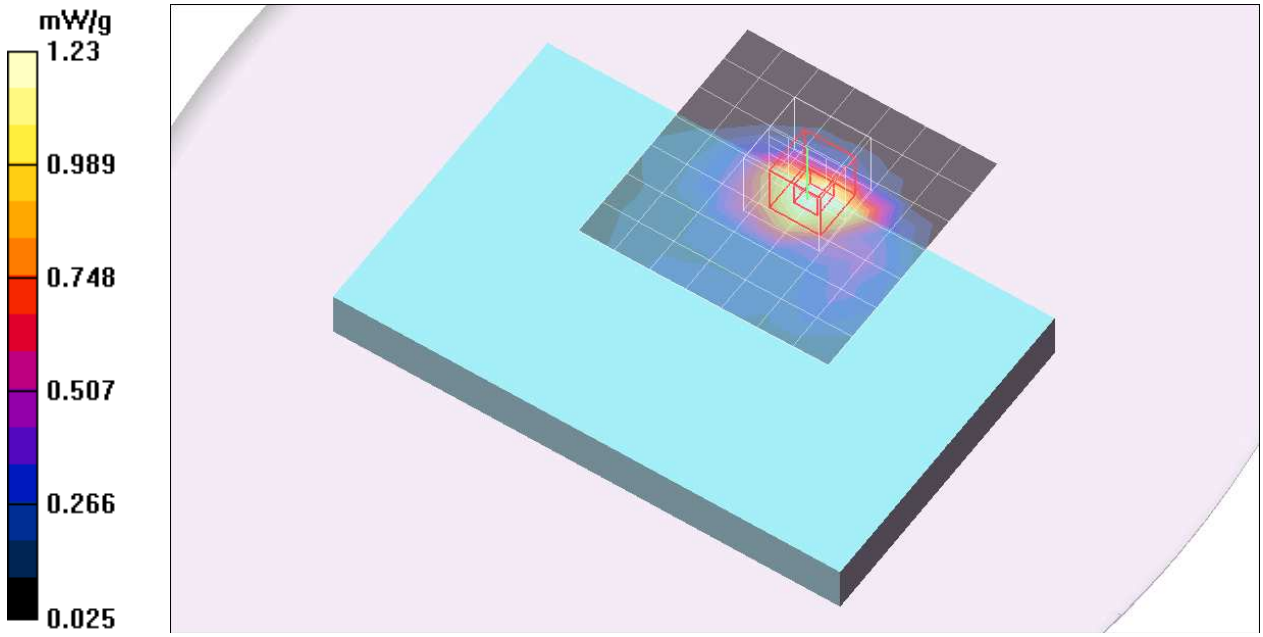
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band IV/CH1413/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.45 mW/g

Rear Side/WCDMA Band IV/CH1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



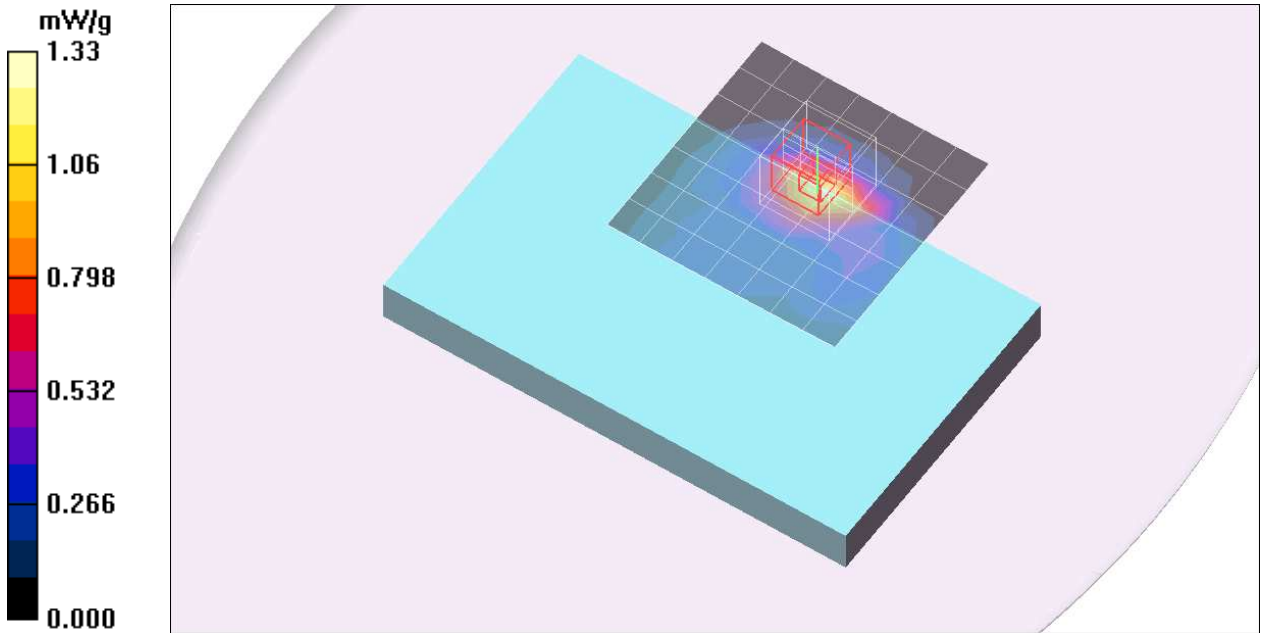
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1752.7 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band IV/CH1513/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 mW/g

Rear Side/WCDMA Band IV/CH1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



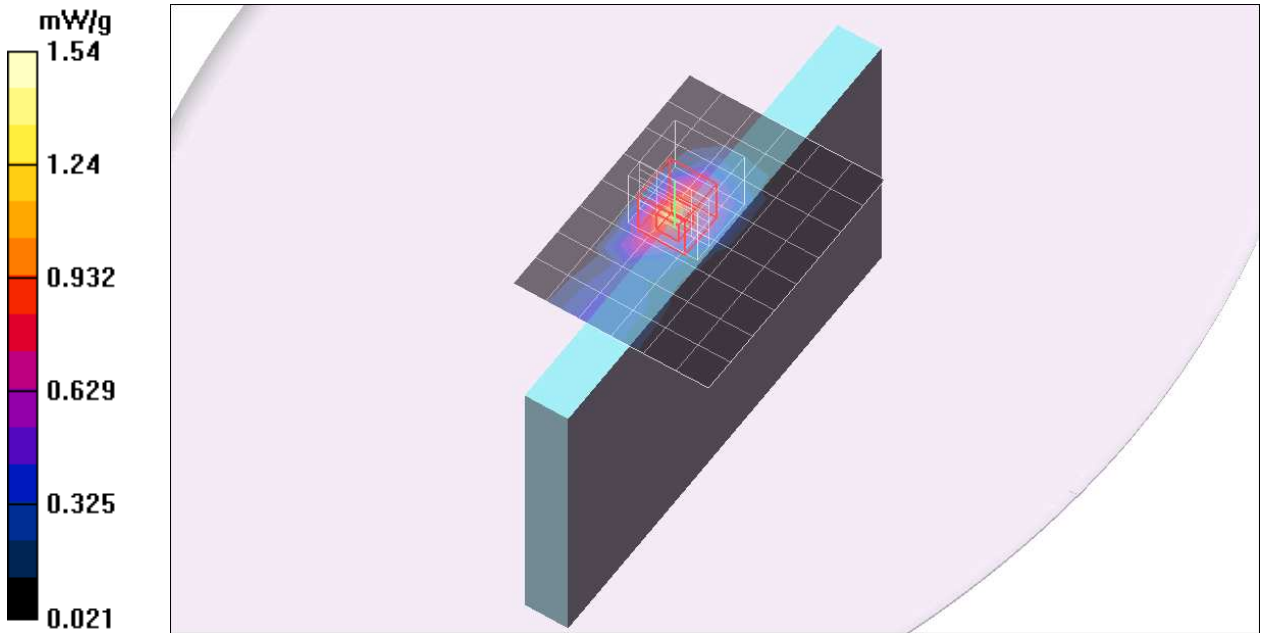
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1713.1 MHz; σ = 1.46 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band IV/CH1312/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.10 mW/g

Edge2 Side/WCDMA Band IV/CH1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.8 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 1.54 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

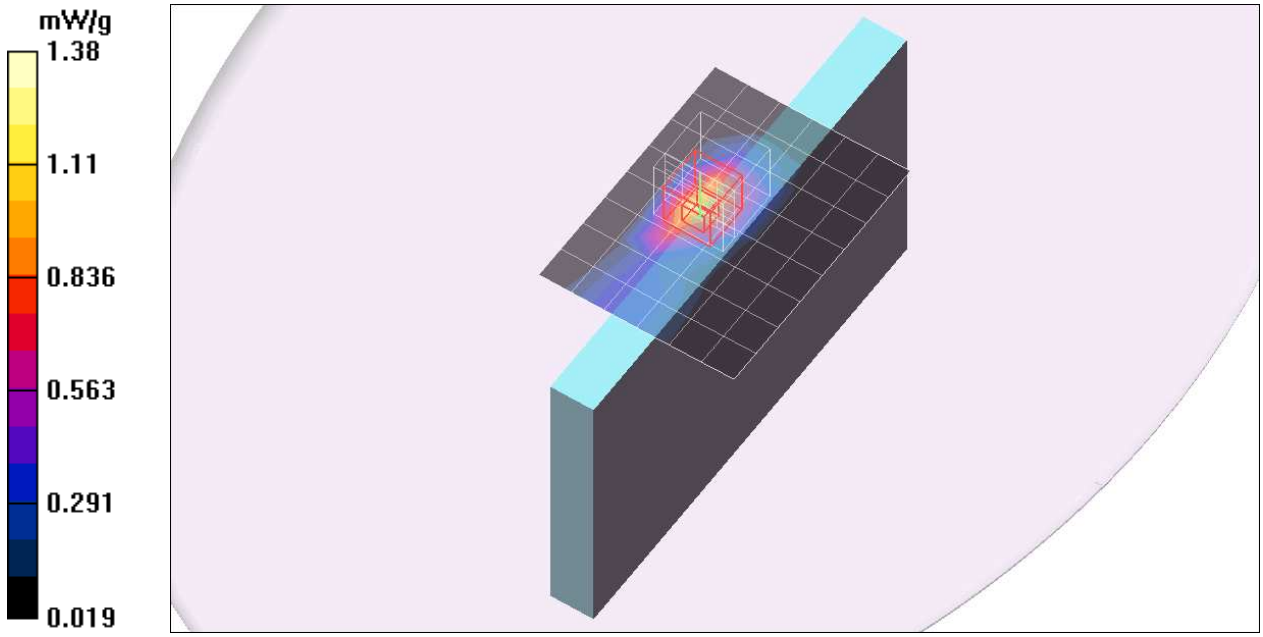
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band IV/CH1413/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.19 mW/g

Edge2 Side/WCDMA Band IV/CH1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



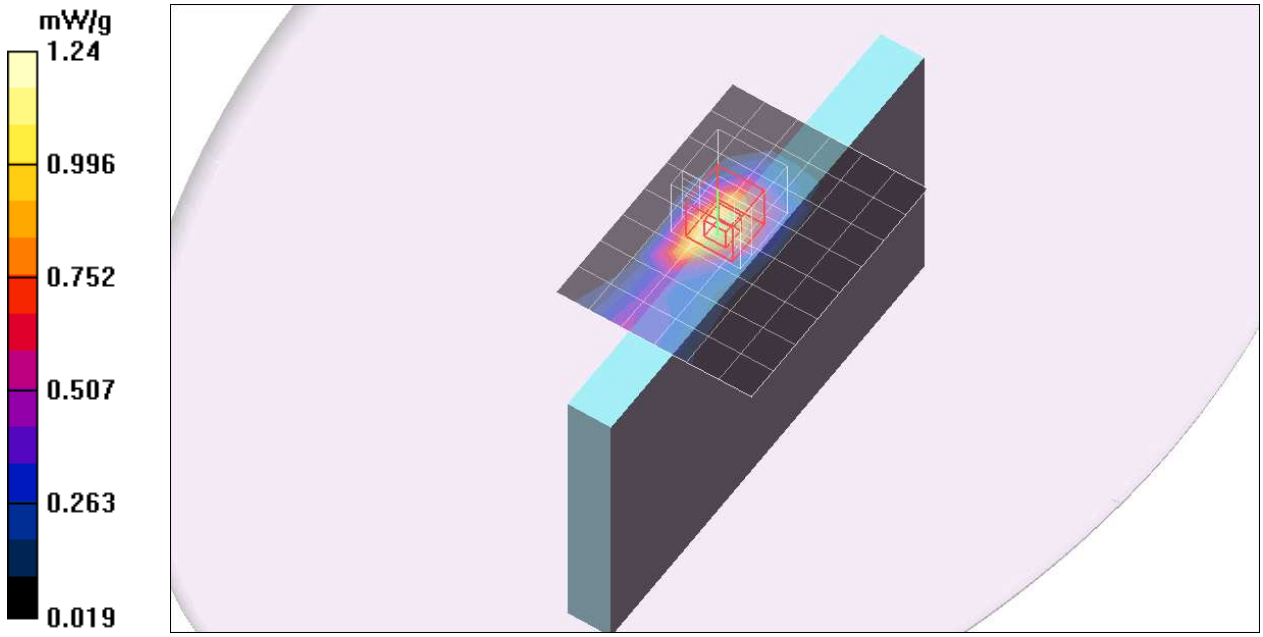
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1752.7 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band IV/CH1513/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.26 mW/g

Edge2 Side/WCDMA Band IV/CH1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



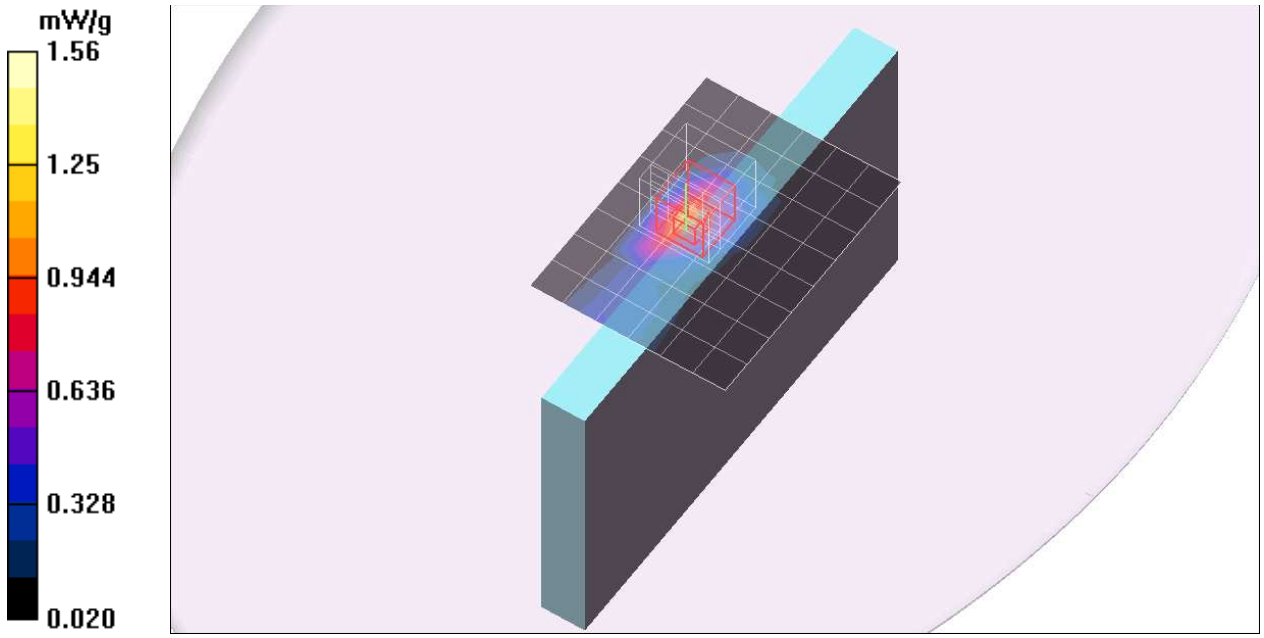
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1713.1 MHz; σ = 1.46 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band IV/CH1312_Repeat/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.13 mW/g

Edge2 Side/WCDMA Band IV/CH1312_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 1.56 mW/g

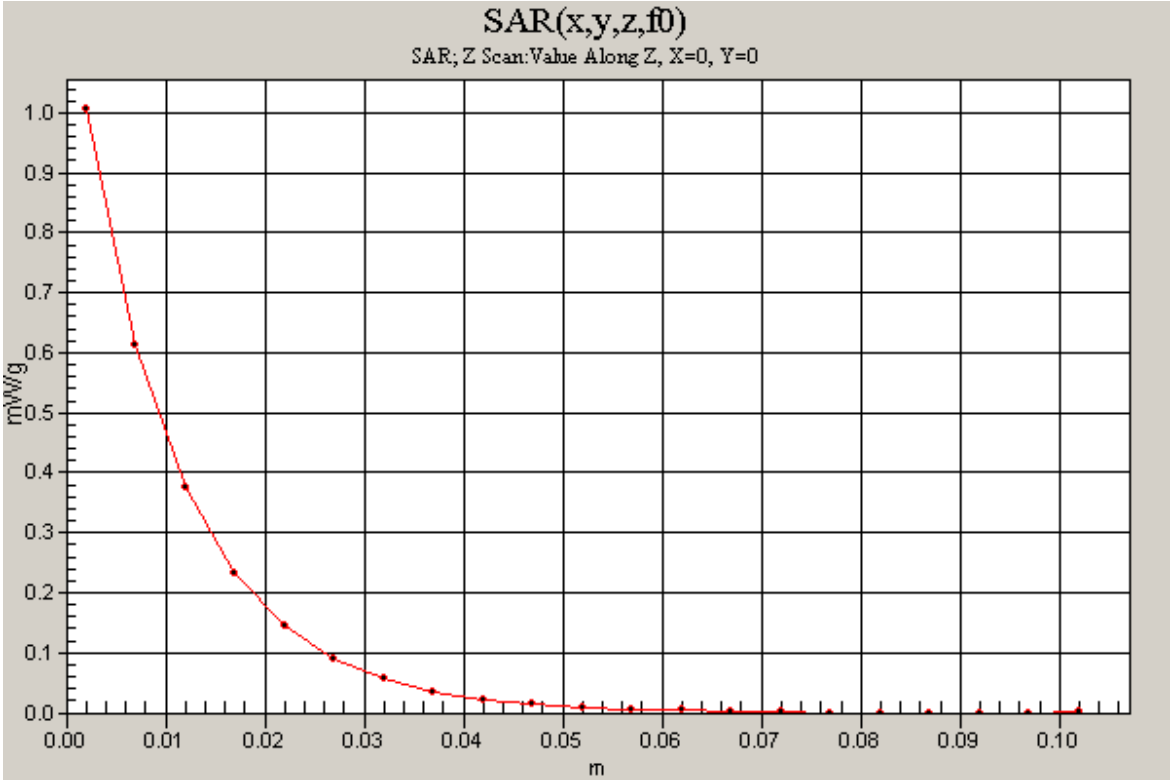


Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

WCDMA Band IV

Frequency: 1712.4 MHz; Duty Cycle: 1:1

Edge2 Side/WCDMA Band IV/CH1312_Repeat/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.01 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

WCDMA Band V

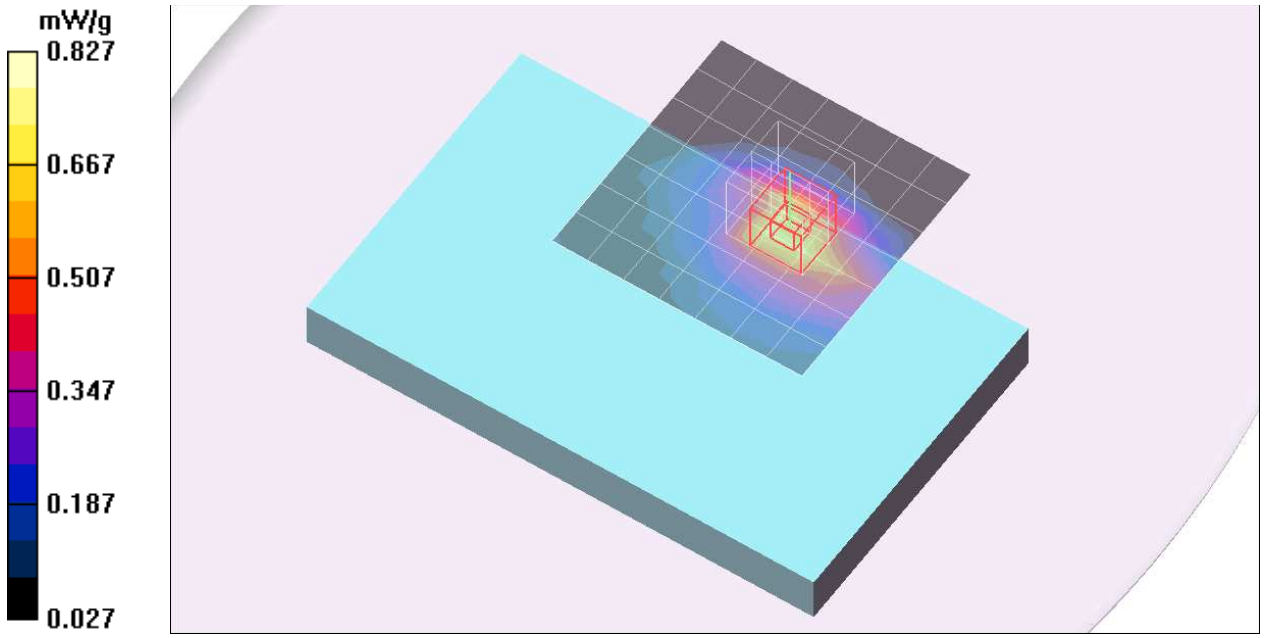
Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.991 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/WCDMA Band V/CH4233/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.708 mW/g

Rear Side/WCDMA Band V/CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.381 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.827 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

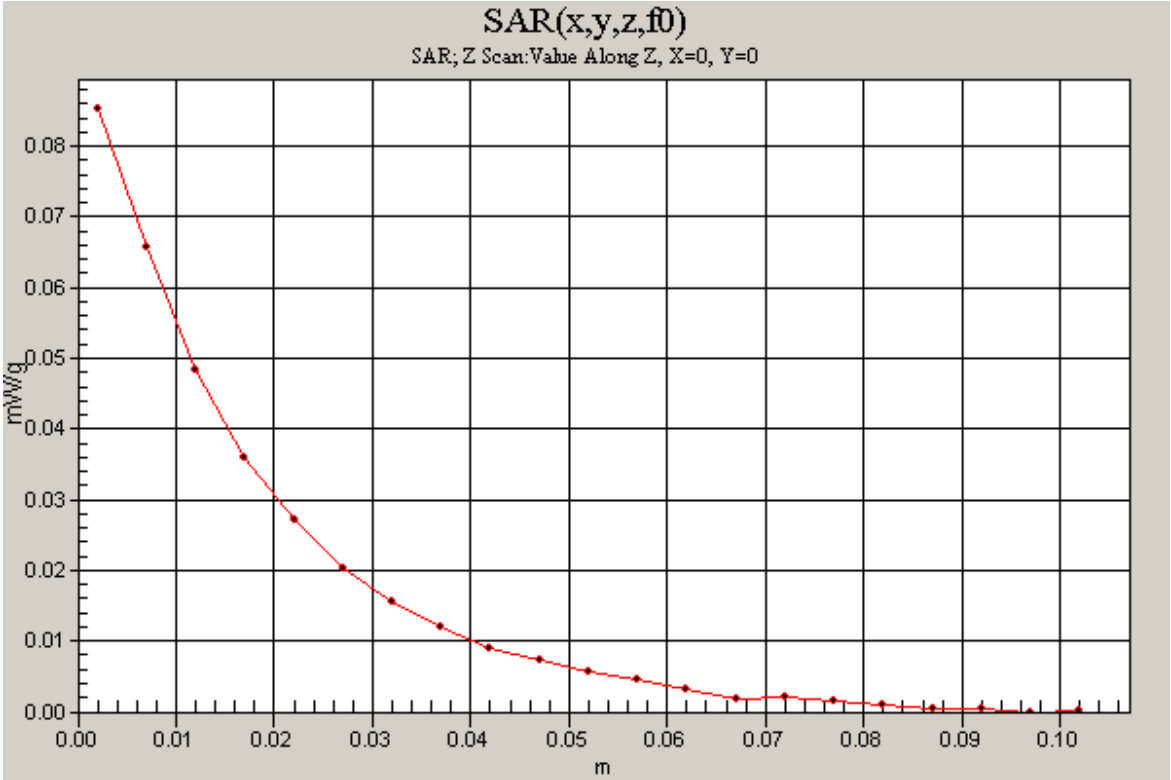
WCDMA Band V

Frequency: 846.6 MHz; Duty Cycle: 1:1

Rear Side/WCDMA Band V/CH4233/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.085 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

WCDMA Band V

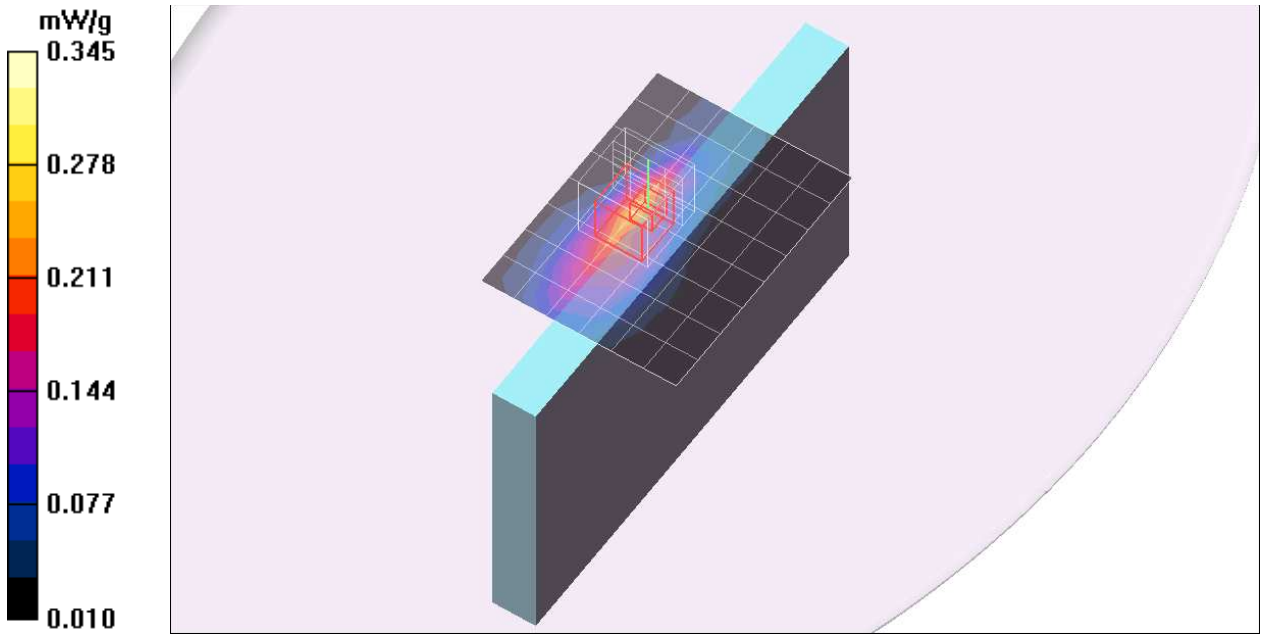
Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.991 mho/m; ε_r = 55; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/WCDMA Band V/CH4233/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.268 mW/g

Edge2 Side/WCDMA Band V/CH4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.123 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.345 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

CDMA BC0 Band

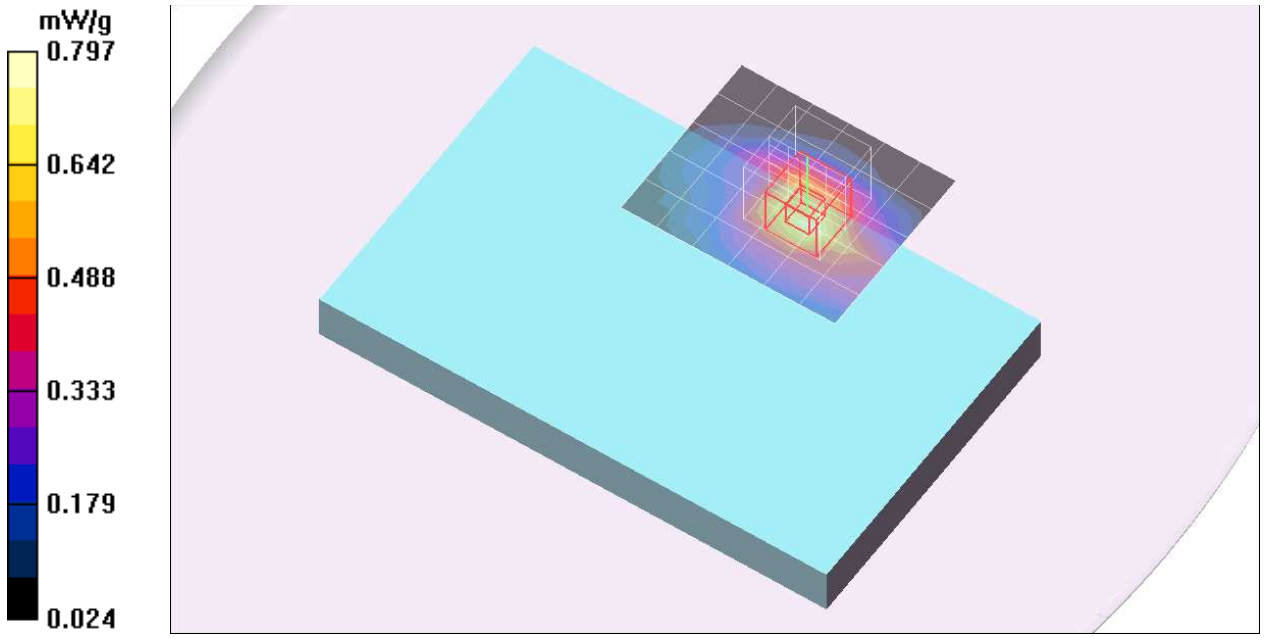
Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC0/CH384/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.755 mW/g

Rear Side/CDMA BC0/CH384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.17 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.990 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.376 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.797 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

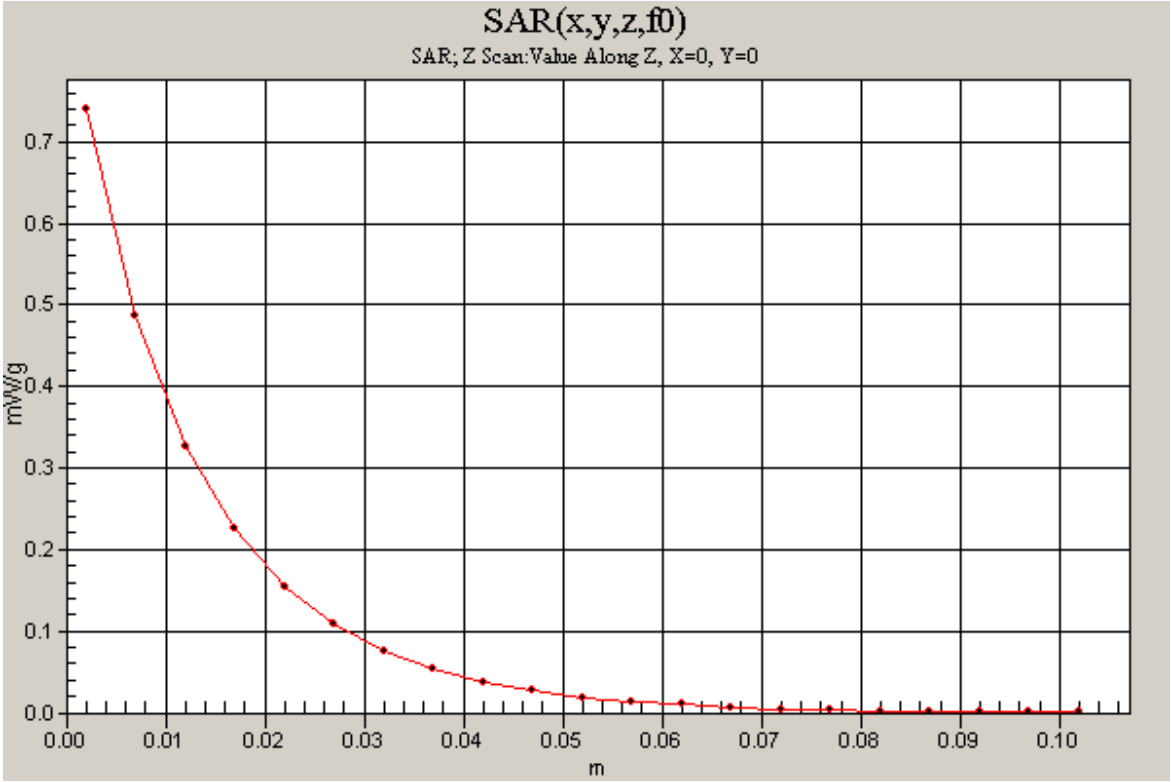
CDMA BC0 Band

Frequency: 836.52 MHz; Duty Cycle: 1:1

Rear Side/CDMA BC0/CH384/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.740 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

CDMA BC0 Band

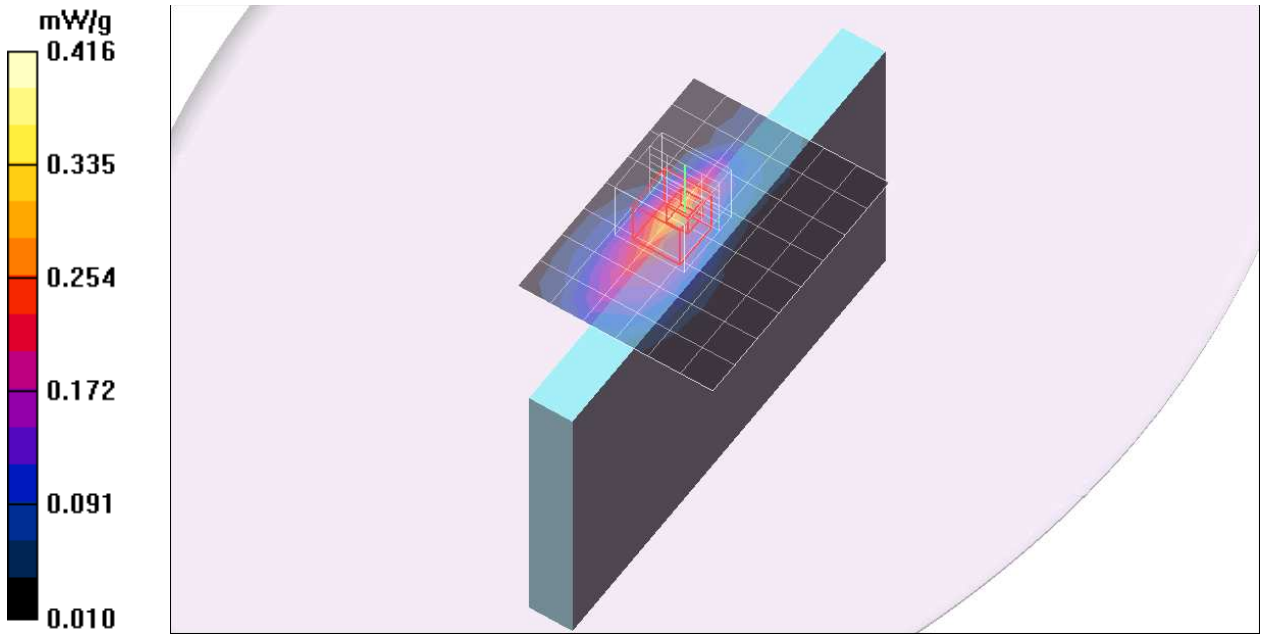
Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/CDMA BC0/CH384/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.328 mW/g

Edge2 Side/CDMA BC0/CH384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.146 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.416 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

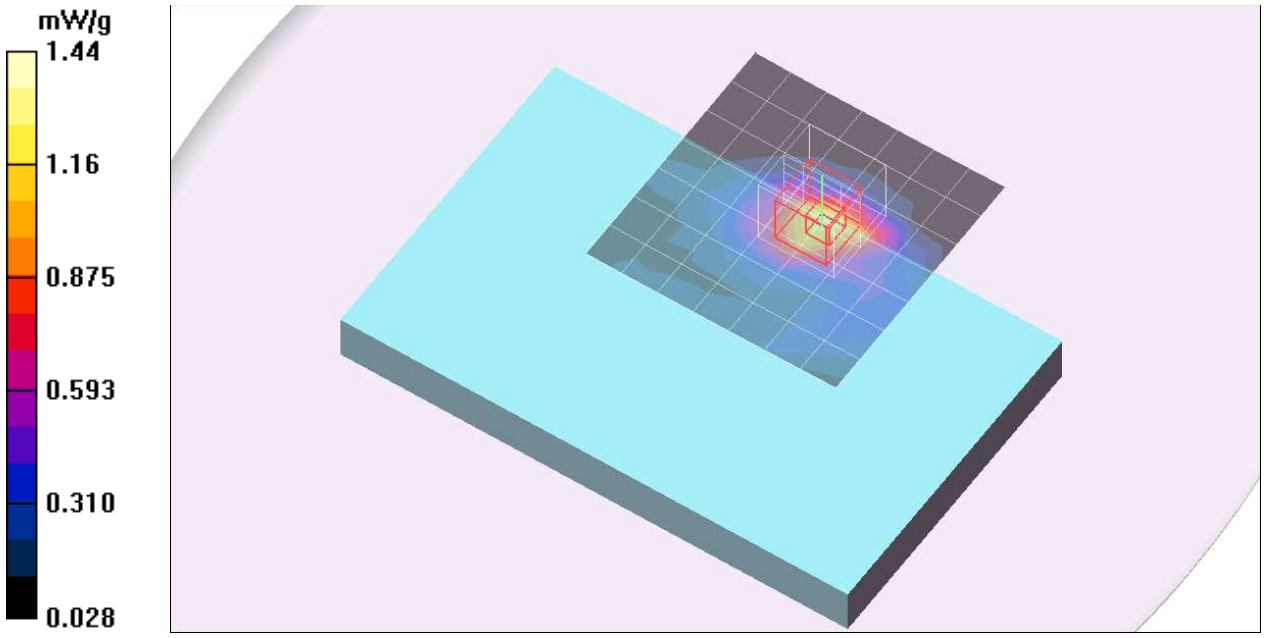
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC1/CH600/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.31 mW/g

Rear Side/CDMA BC1/CH600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.586 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.44 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

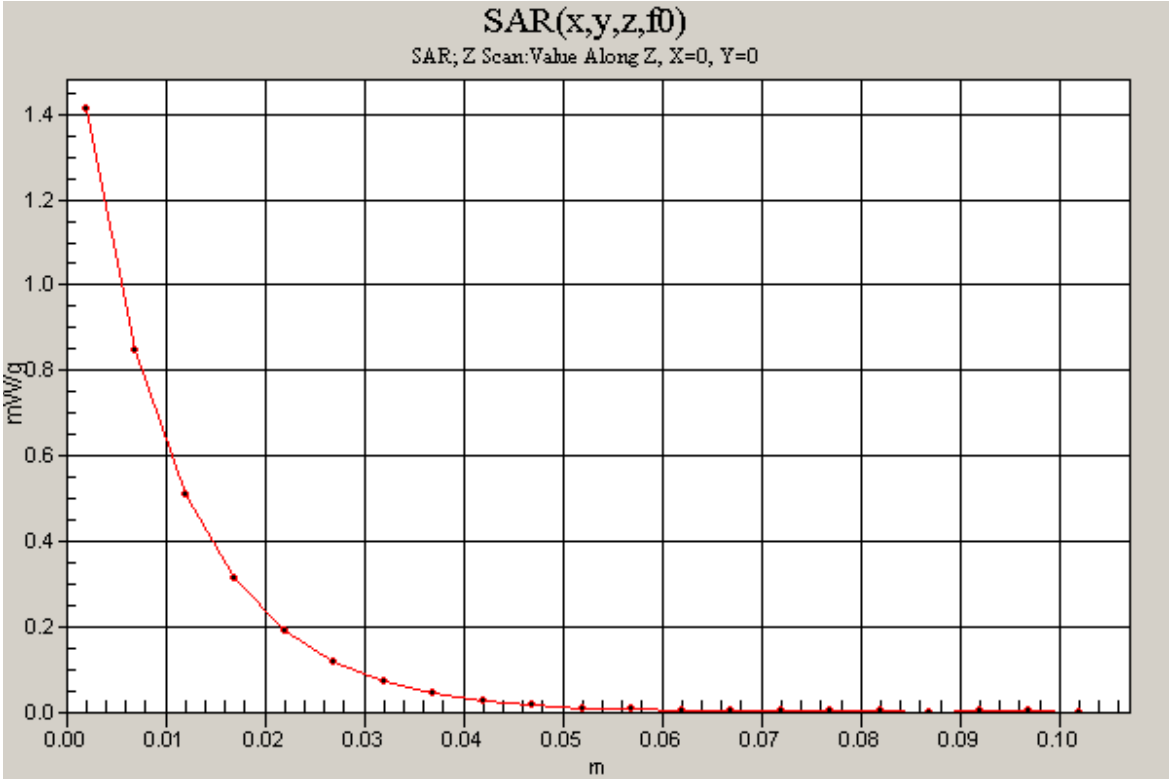
CDMA BC1 Band

Frequency: 1880 MHz; Duty Cycle: 1:1

Rear Side/CDMA BC1/CH600/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.41 mW/g



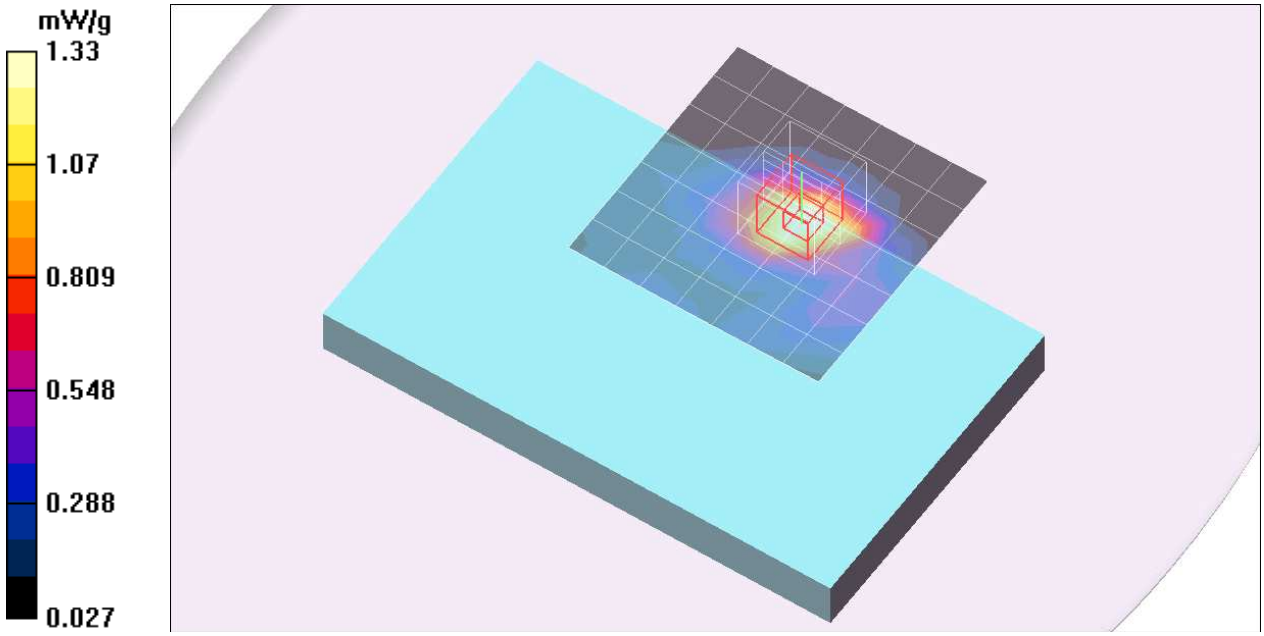
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

Frequency: 1851.25 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1851.7 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC1/CH25/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.46 mW/g

Rear Side/CDMA BC1/CH25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.570 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

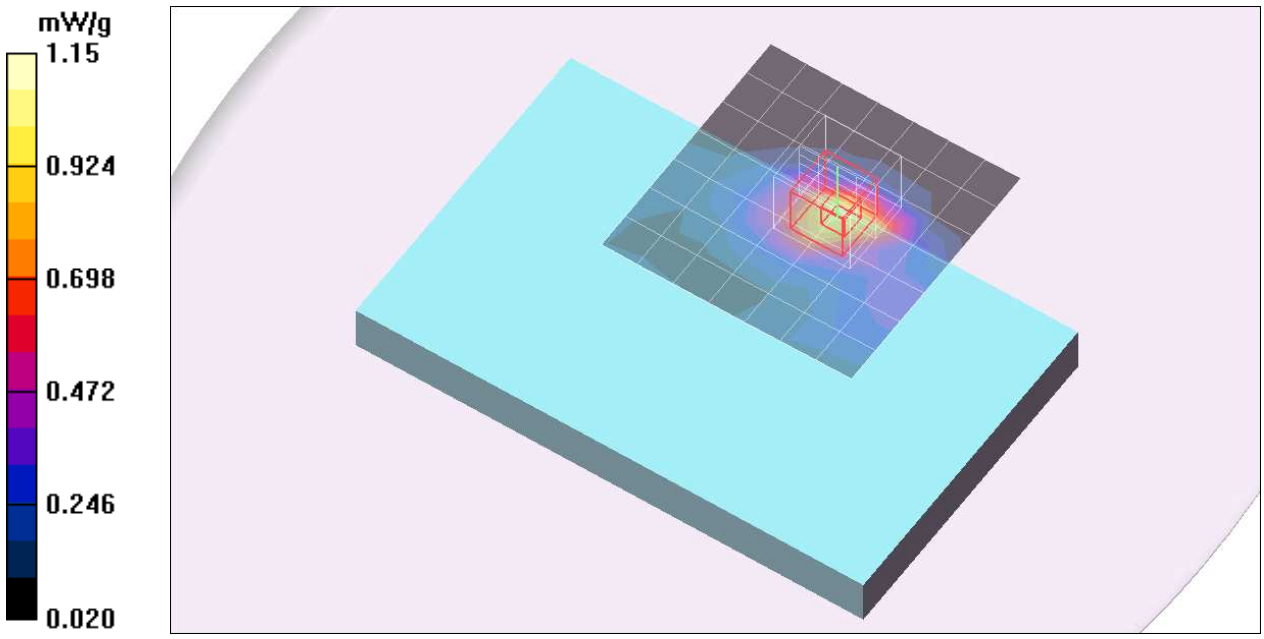
Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC1/CH1175/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g

Rear Side/CDMA BC1/CH1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.76 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.473 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

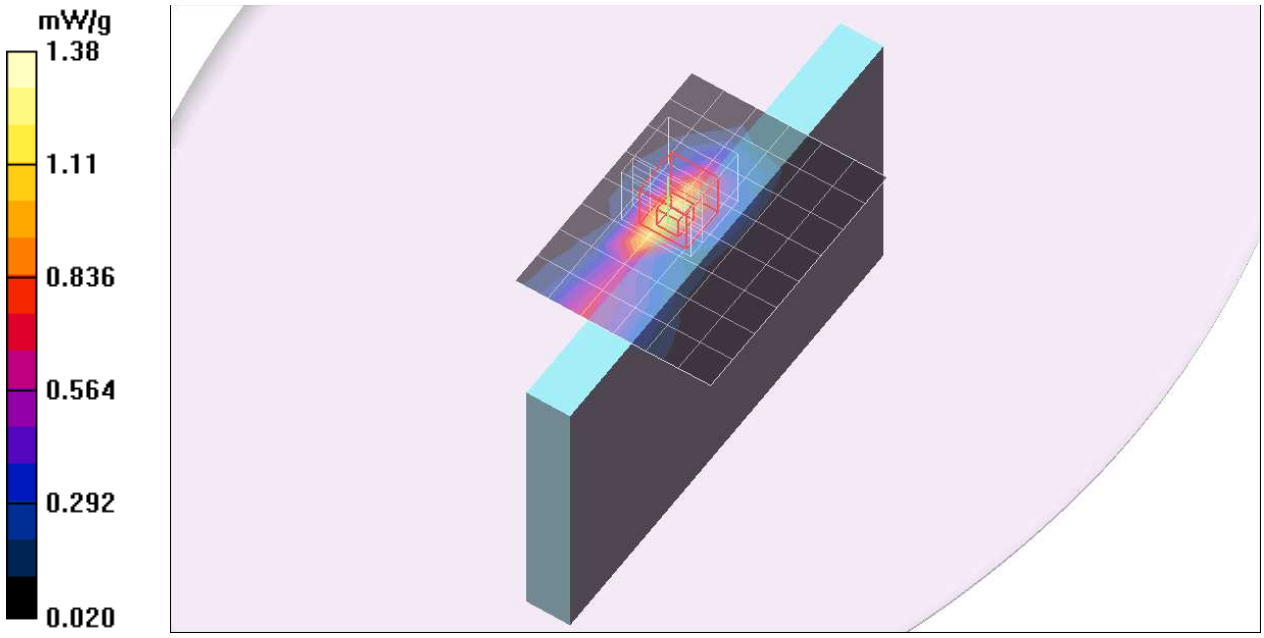
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/CDMA BC1/CH600/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.32 mW/g

Edge2 Side/CDMA BC1/CH600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.0 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.500 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.38 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

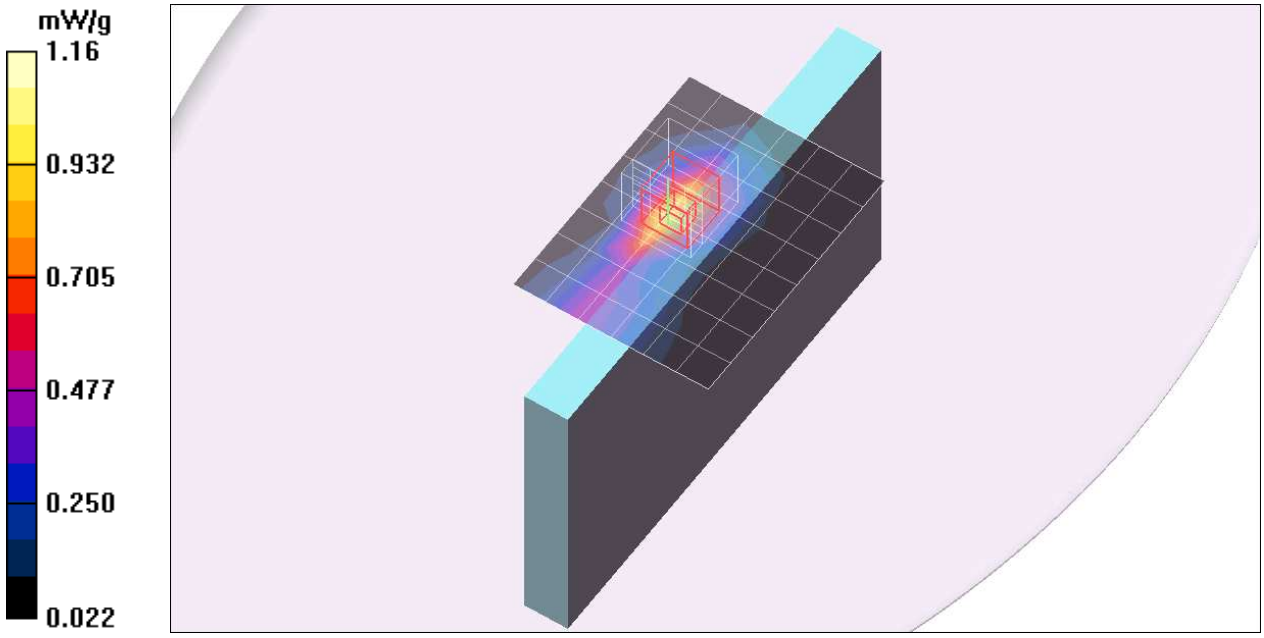
Frequency: 1851.25 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1851.7 MHz; σ = 1.51 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/CDMA BC1/CH25/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.06 mW/g

Edge2 Side/CDMA BC1/CH25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.476 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

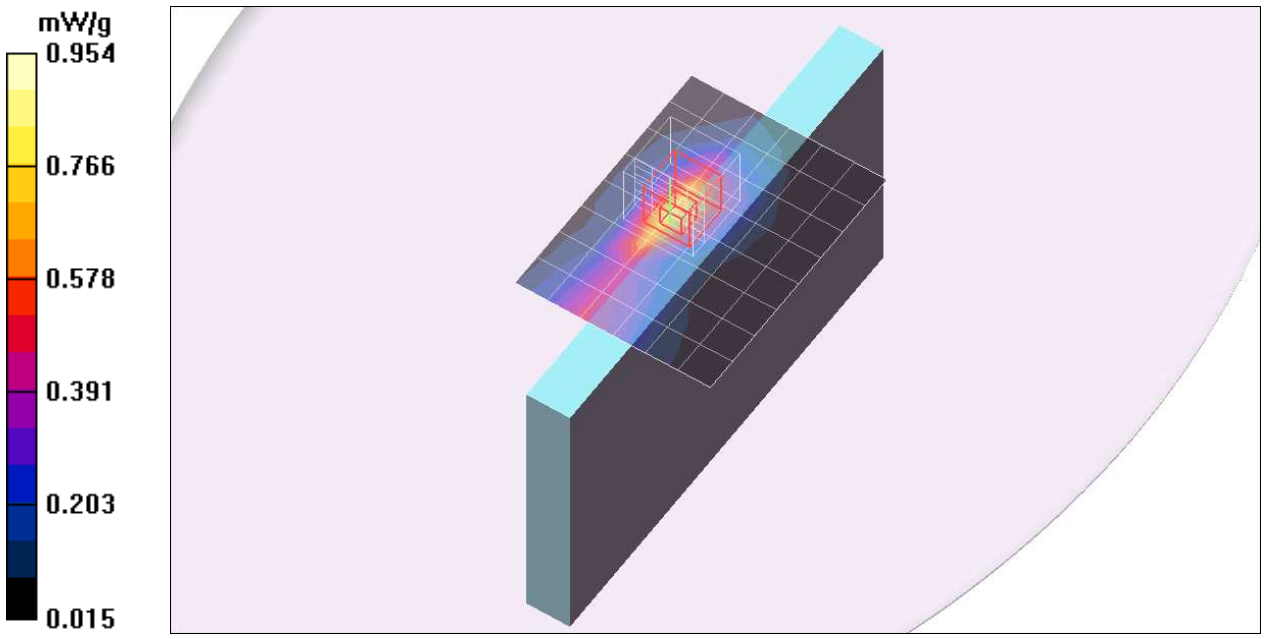
Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.58 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/CDMA BC1/CH1175/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.840 mW/g

Edge2 Side/CDMA BC1/CH1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.378 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.954 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

CDMA BC1 Band

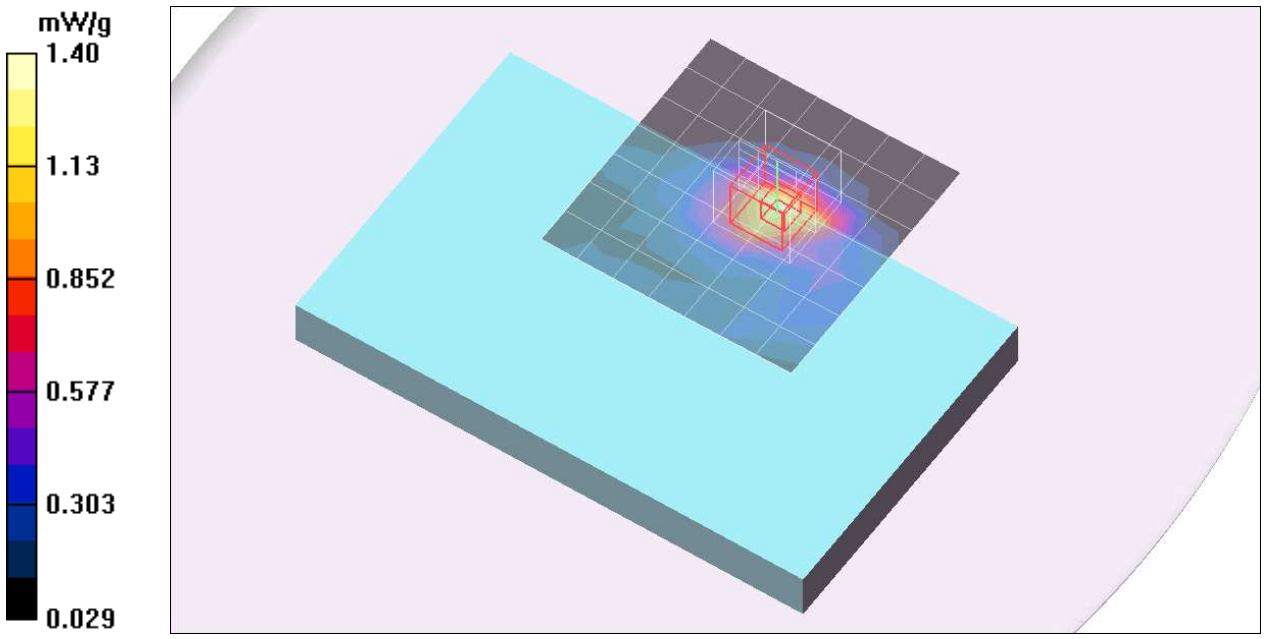
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC1/CH600_Repeat/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 mW/g

Rear Side/CDMA BC1/CH600_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.580 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.40 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

CDMA BC10 Band

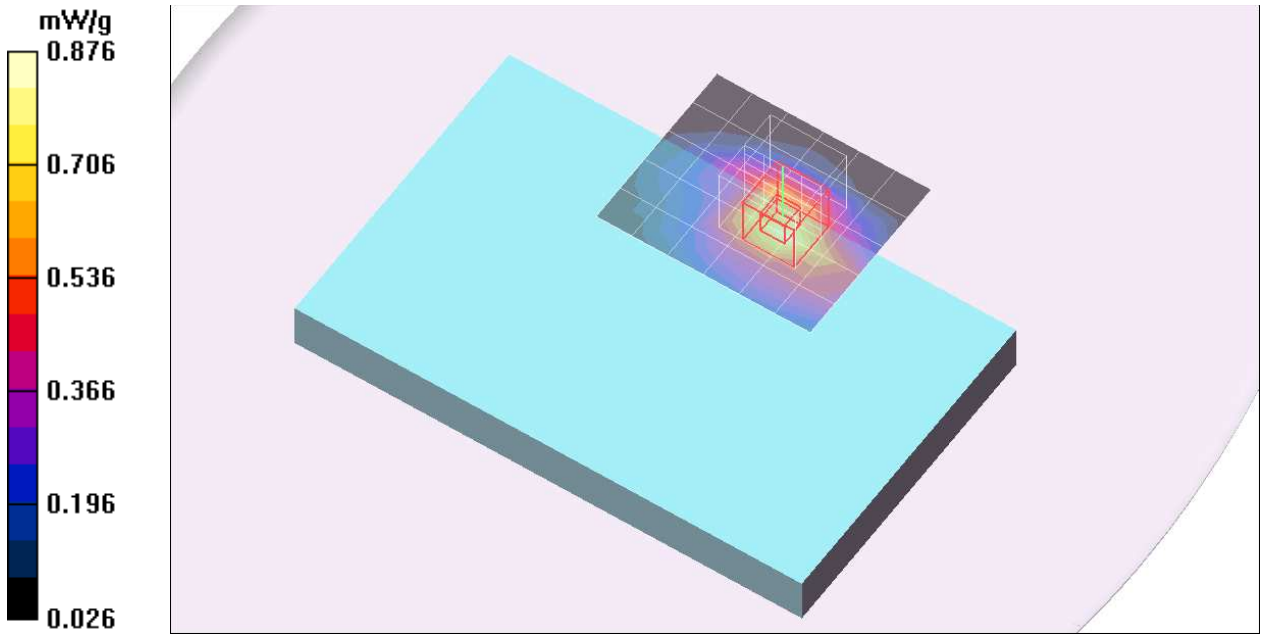
Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.963 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/CDMA BC10 Band/CH580/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.822 mW/g

Rear Side/CDMA BC10 Band/CH580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.71 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.407 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.876 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

CDMA BC10 Band

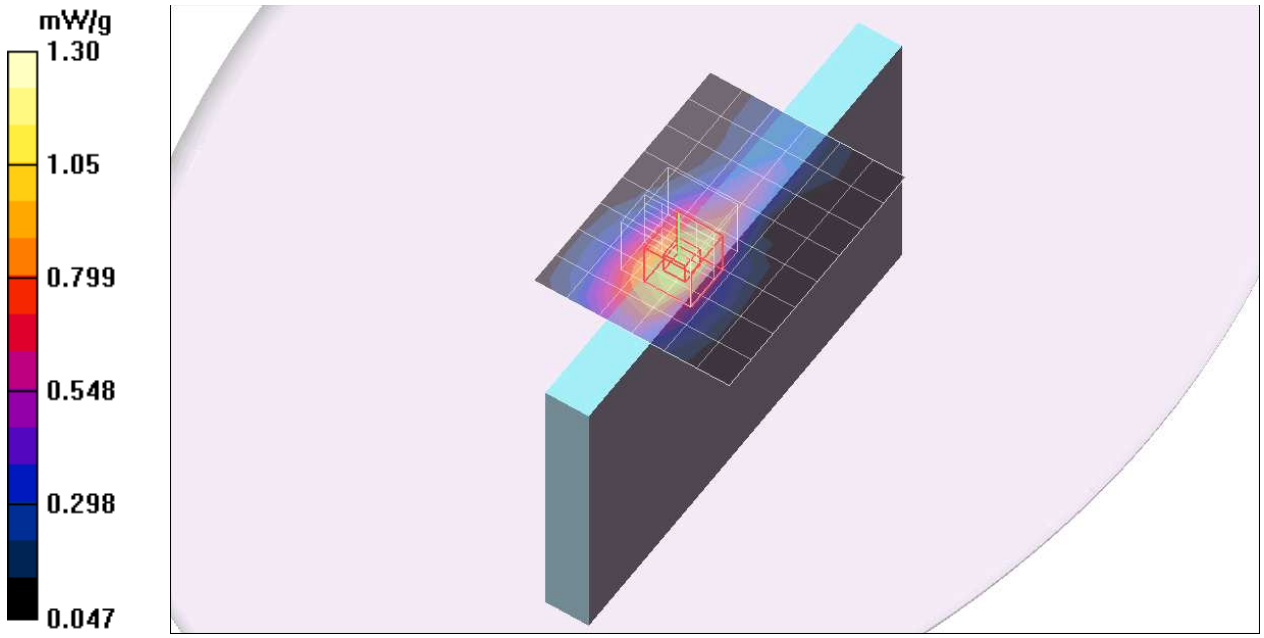
Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.963 mho/m; ε_r = 55.3; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2 Side/CDMA BC10 Band/CH580/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.06 mW/g

Edge2 Side/CDMA BC10 Band/CH580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.5 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.415 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.879 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

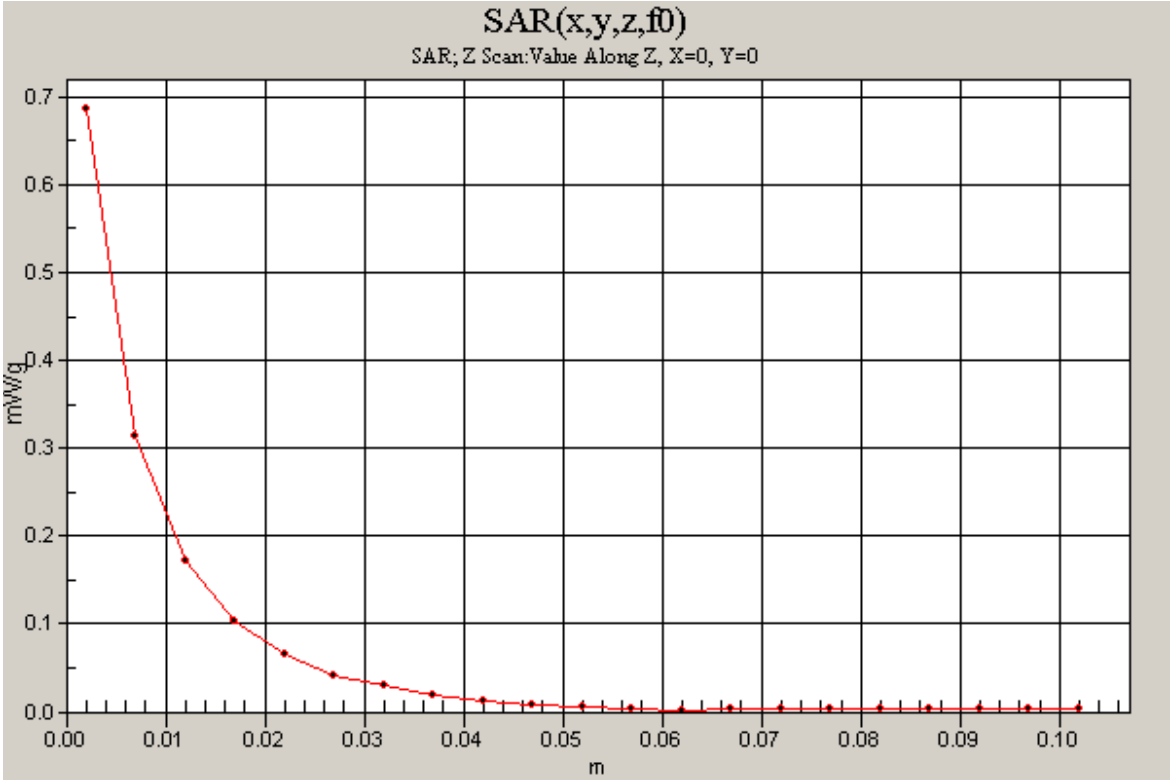
CDMA BC10 Band

Frequency: 820.5 MHz; Duty Cycle: 1:1

Edge2 Side/CDMA BC10 Band/CH580/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.686 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

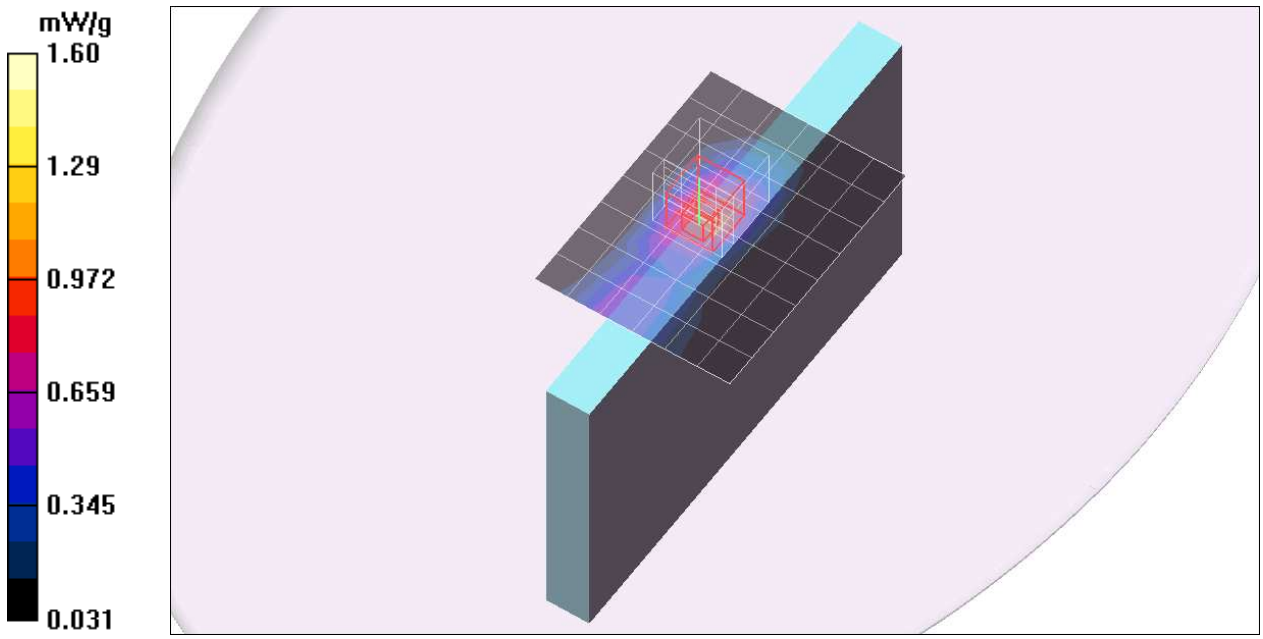
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.968 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.8 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.561 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.60 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

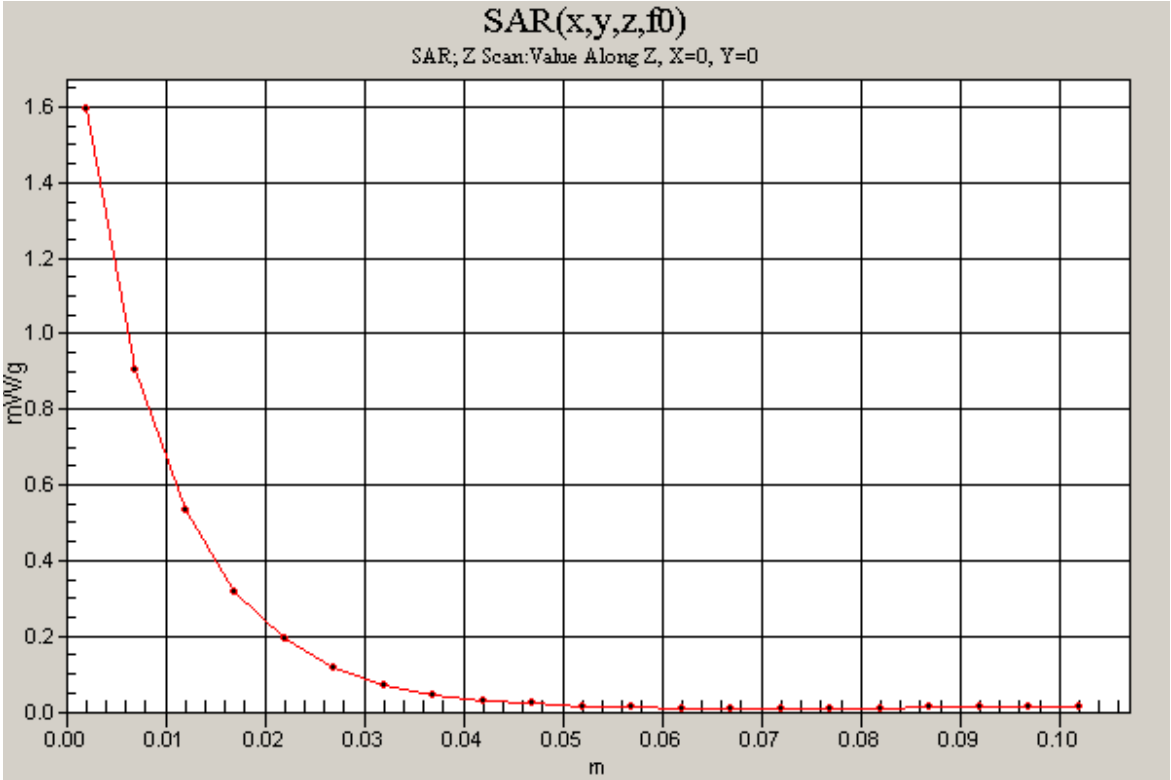
LTE Band 2

Frequency: 1860 MHz; Duty Cycle: 1:1

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.60 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

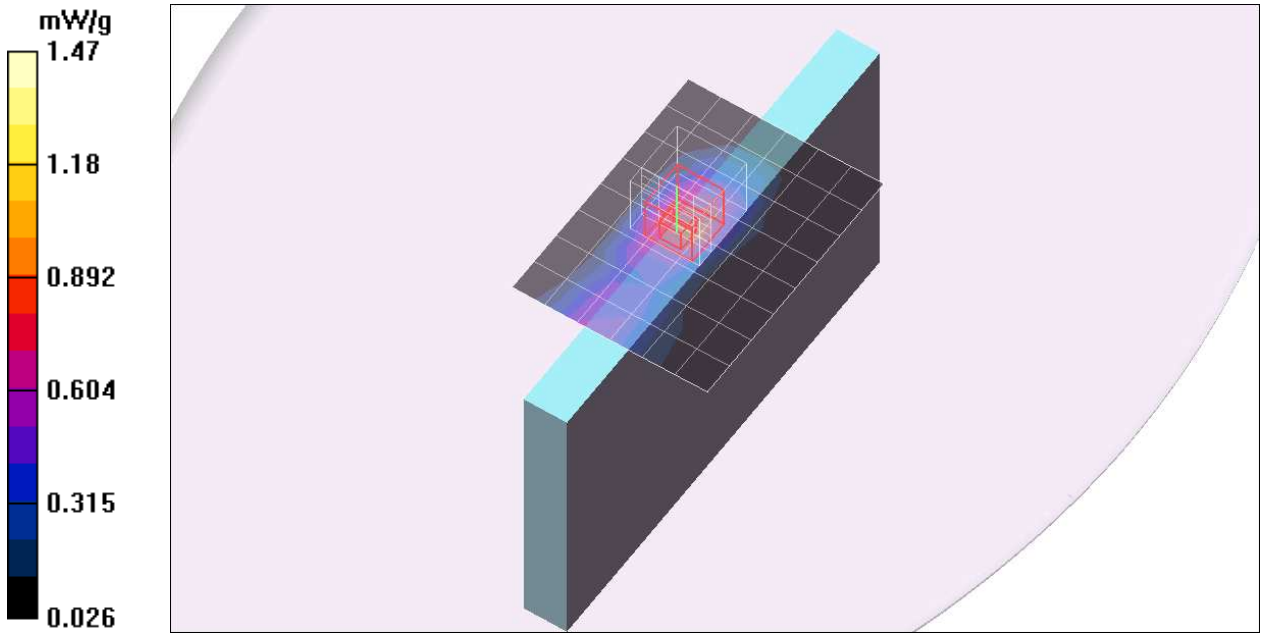
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,49/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.883 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,49/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.7 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.517 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

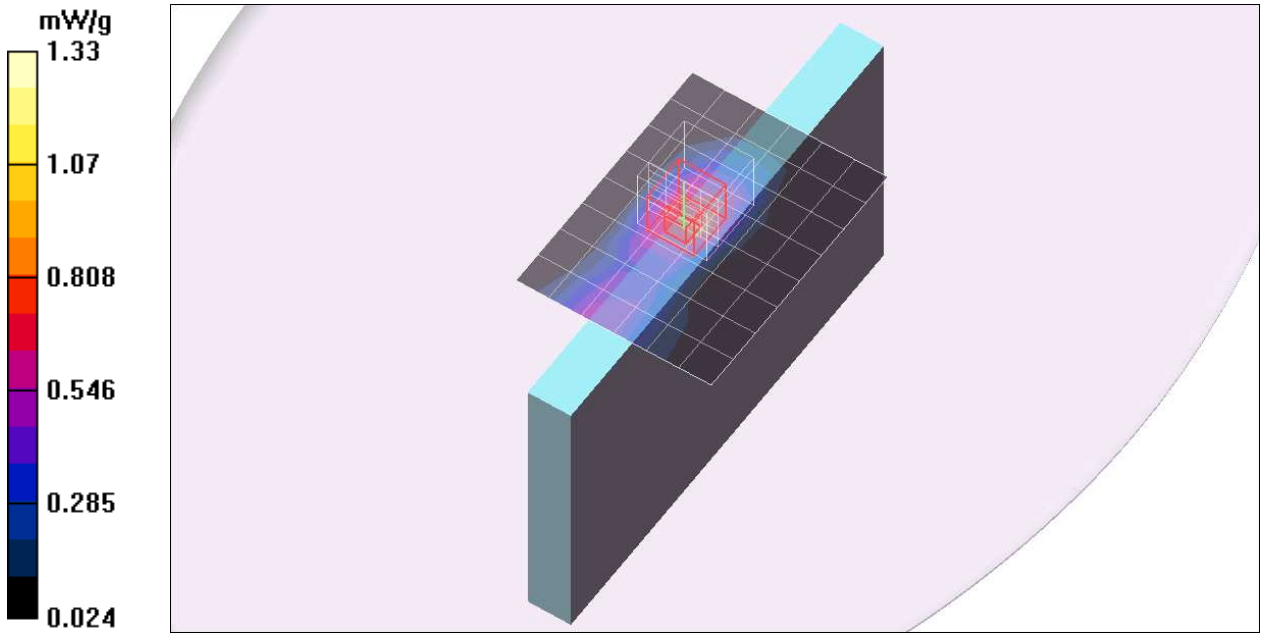
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,99/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.824 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,99/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.4 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.470 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

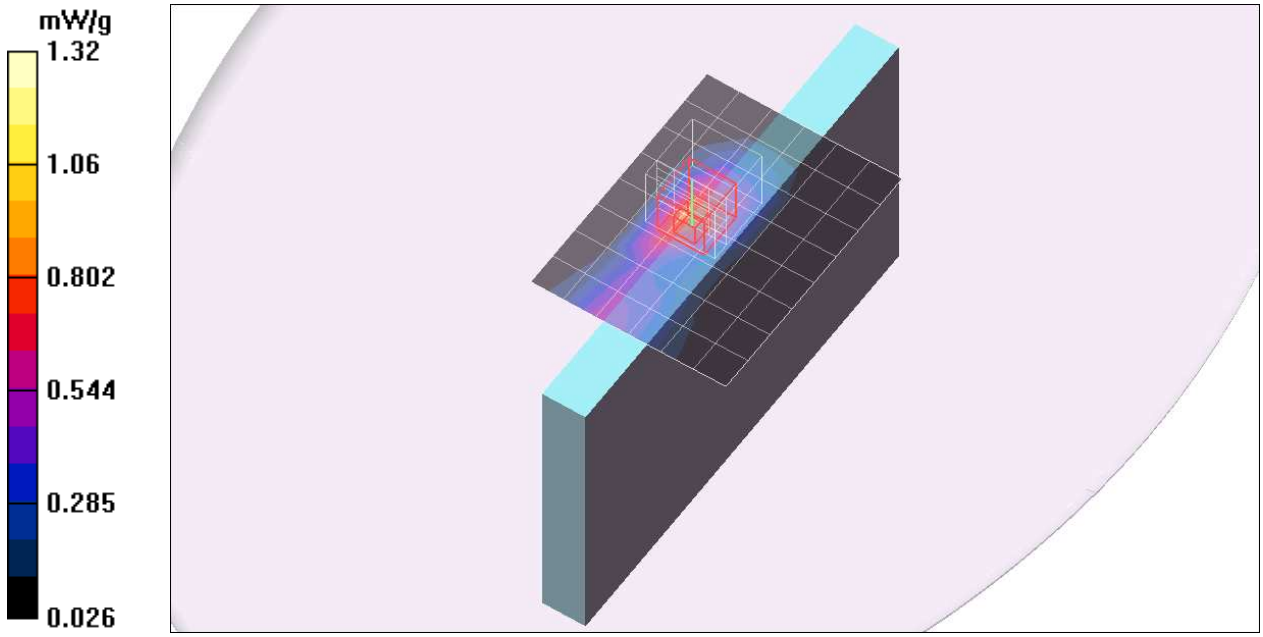
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18900/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.854 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18900/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = -0.391 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.467 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.32 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

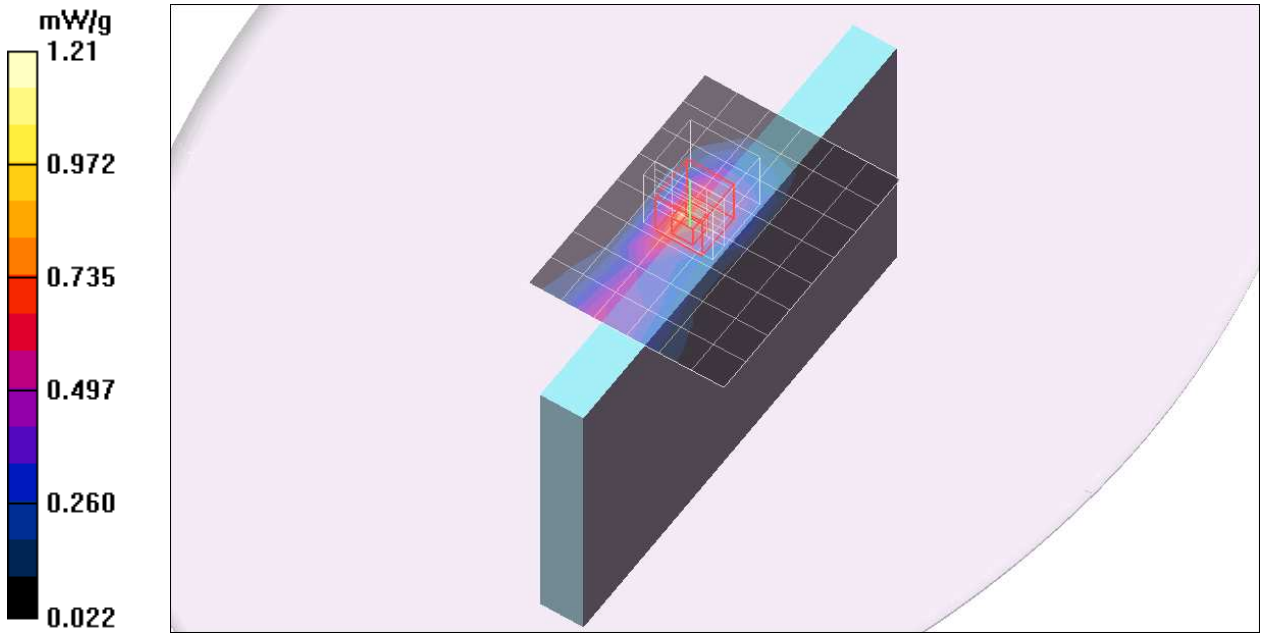
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH19100/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.779 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH19100/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.423 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.21 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

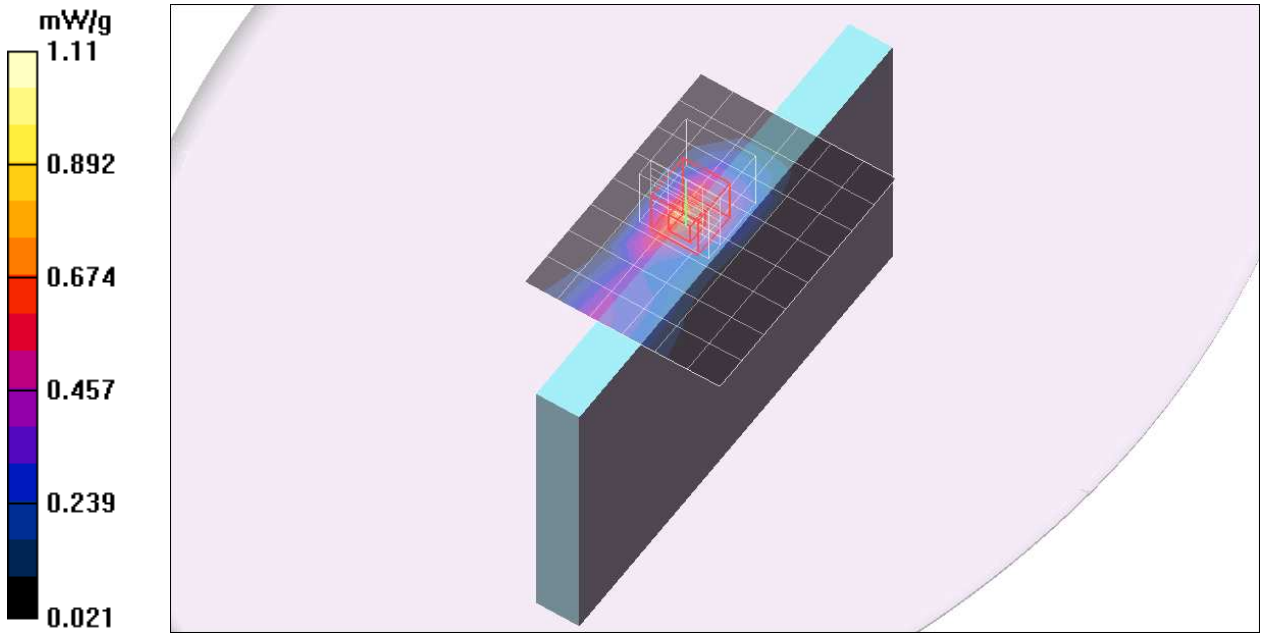
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.742 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.397 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

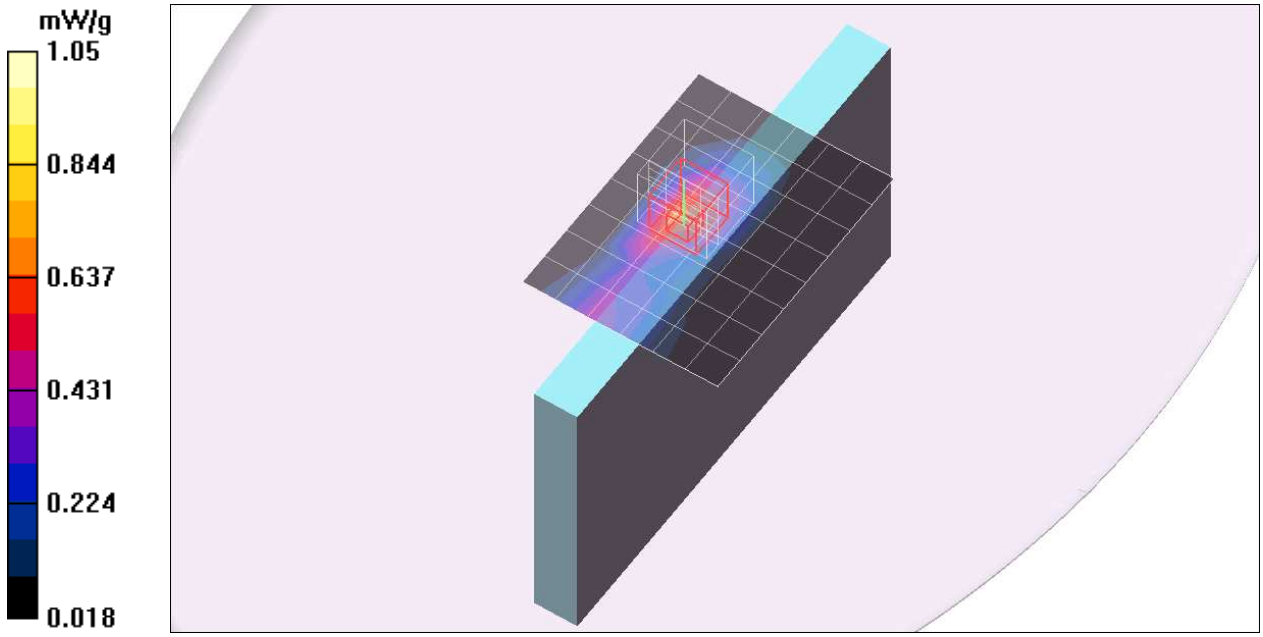
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 50,24/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.698 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 50,24/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.380 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

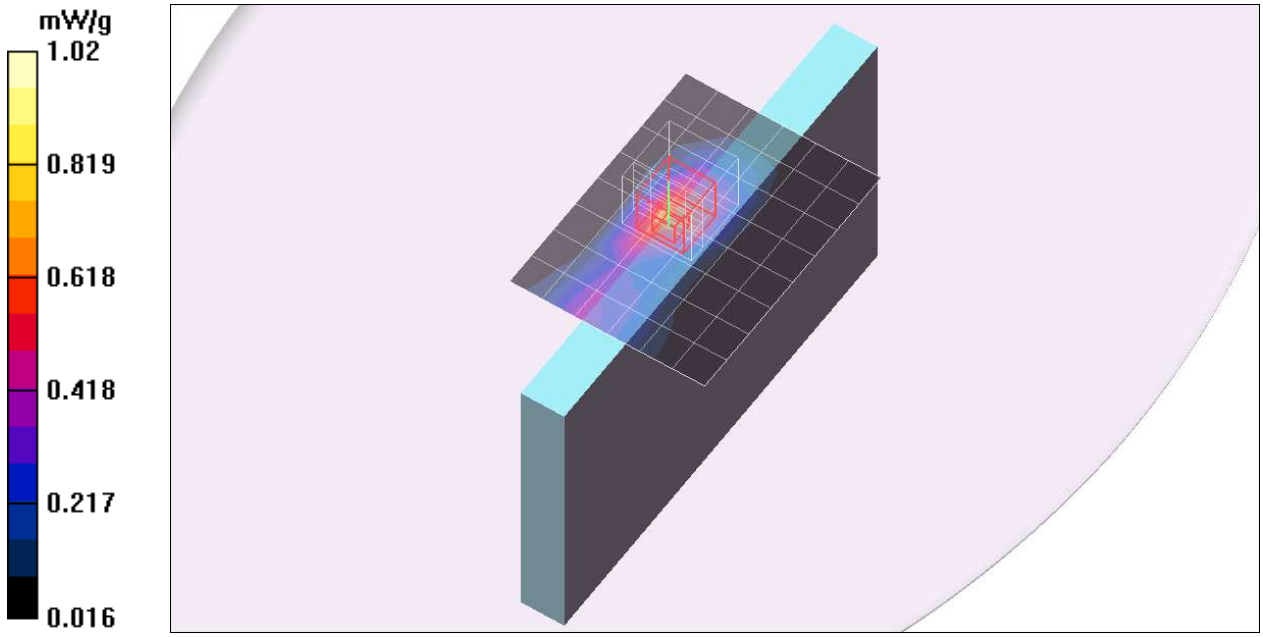
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 50,49/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.668 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 50,49/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.359 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

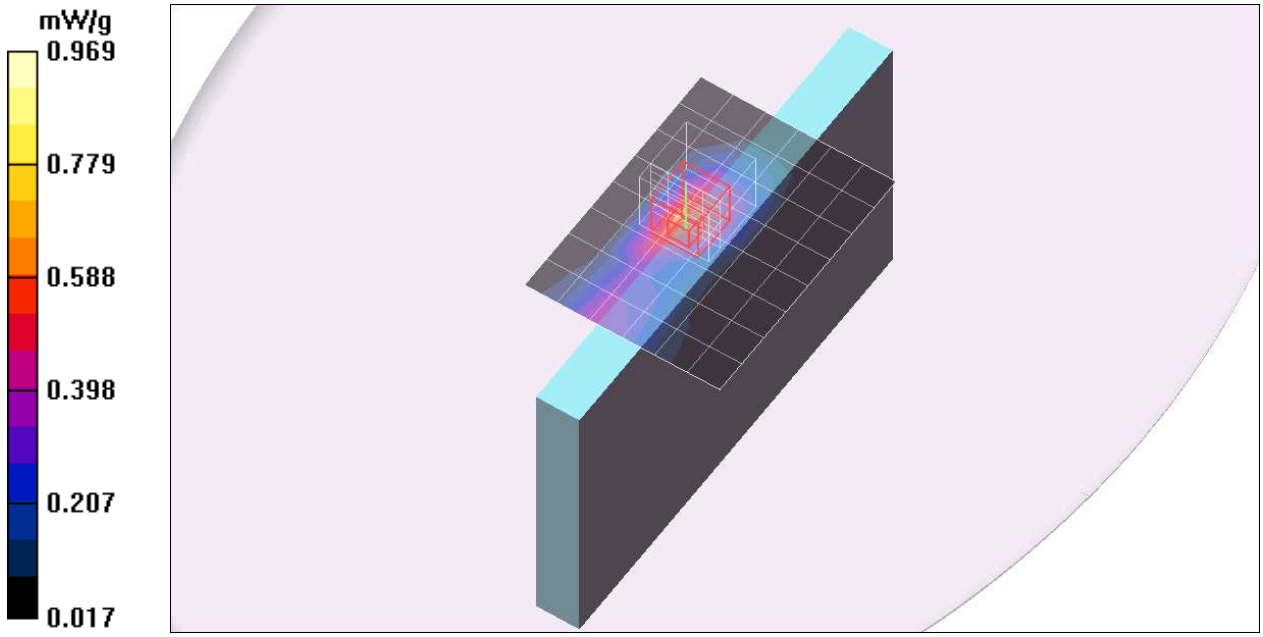
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH18900/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.629 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH18900/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.341 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.969 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 2

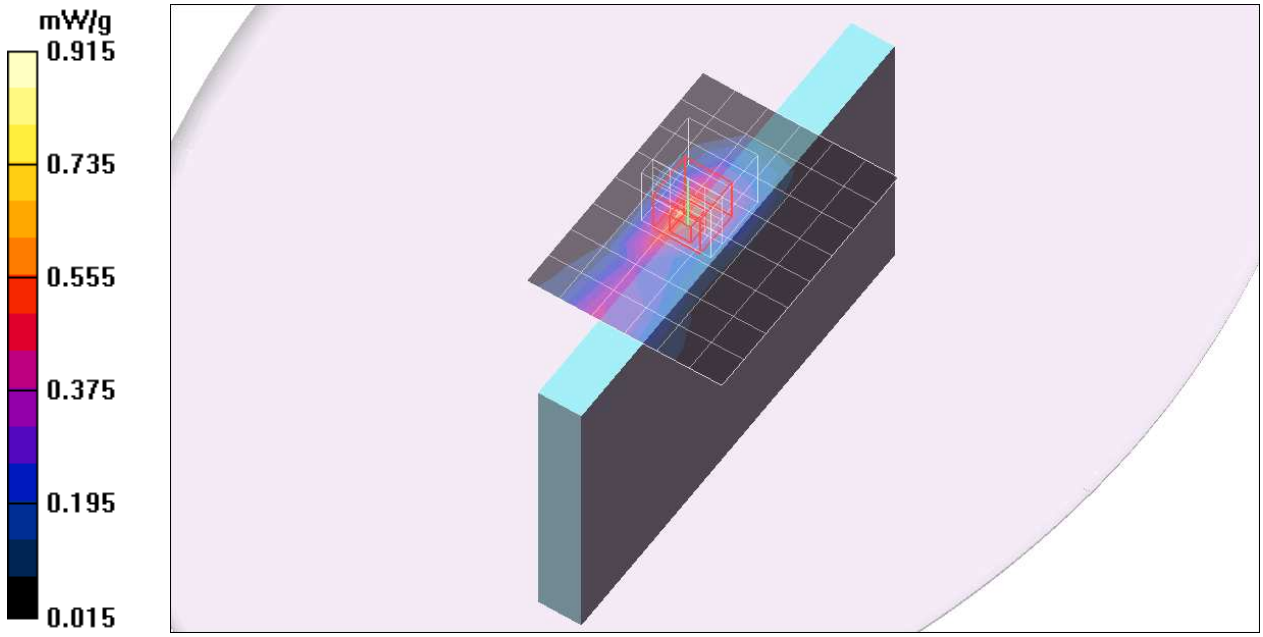
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH19100/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.577 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 50,0/CH19100/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.0 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.319 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.915 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

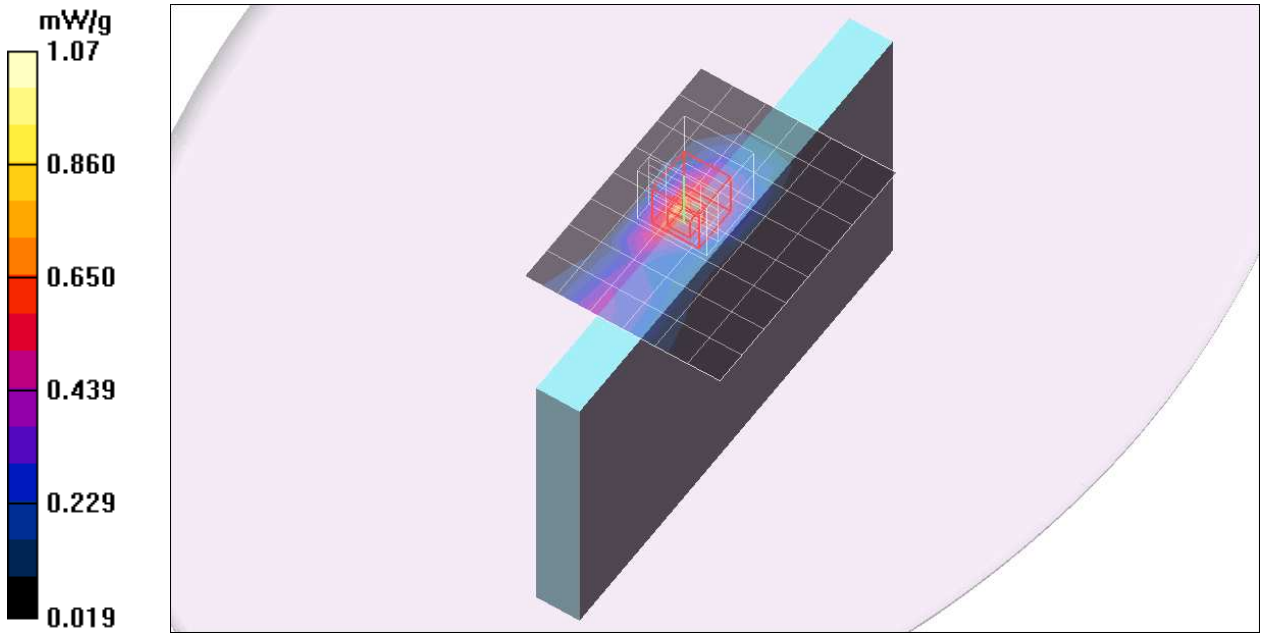
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 100,0/CH18700/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.706 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 100,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.380 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 2

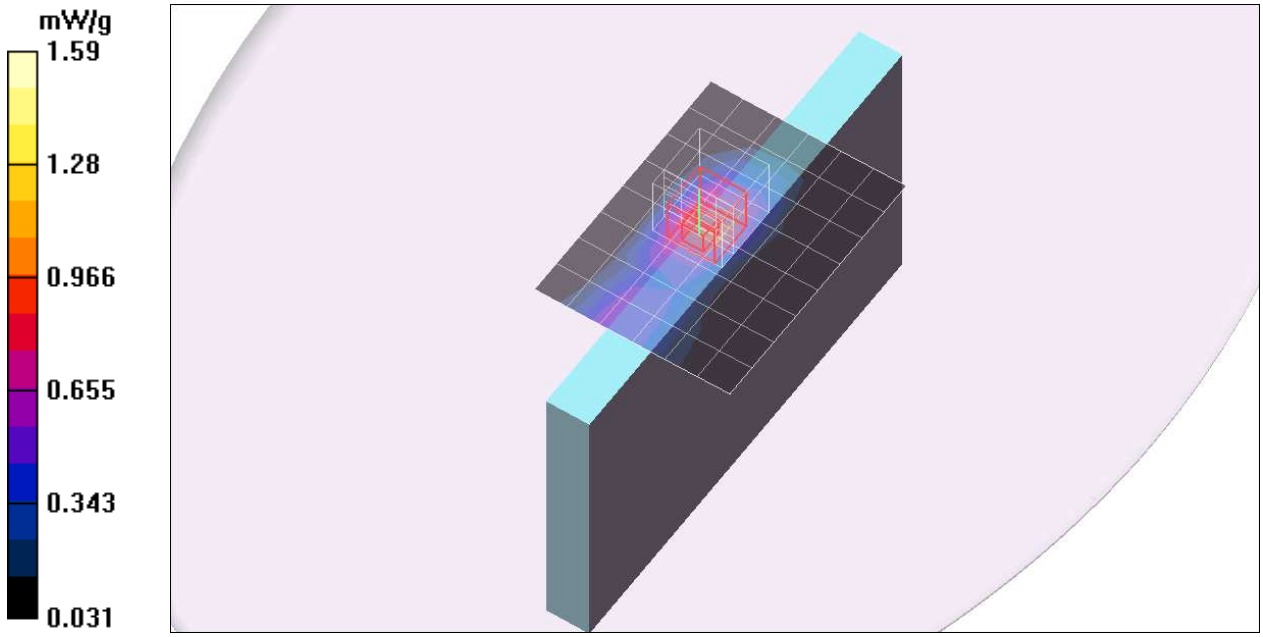
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700_Repeat/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.953 mW/g

Edge2/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700_Repeat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.558 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.59 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

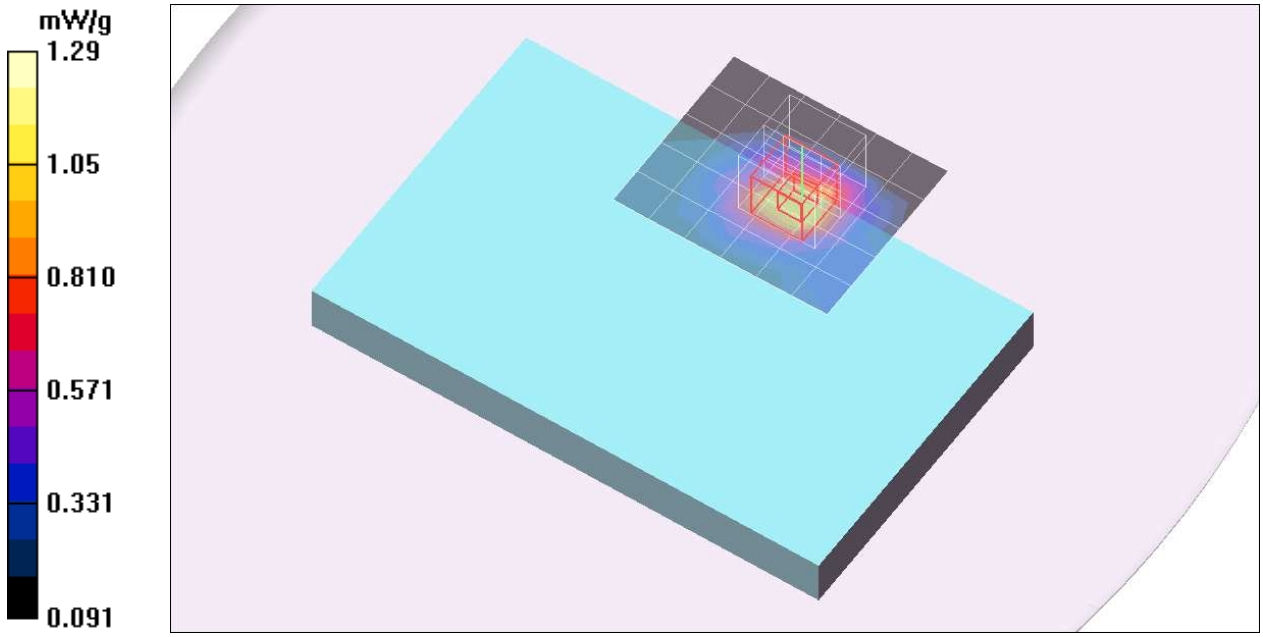
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.581 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.29 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

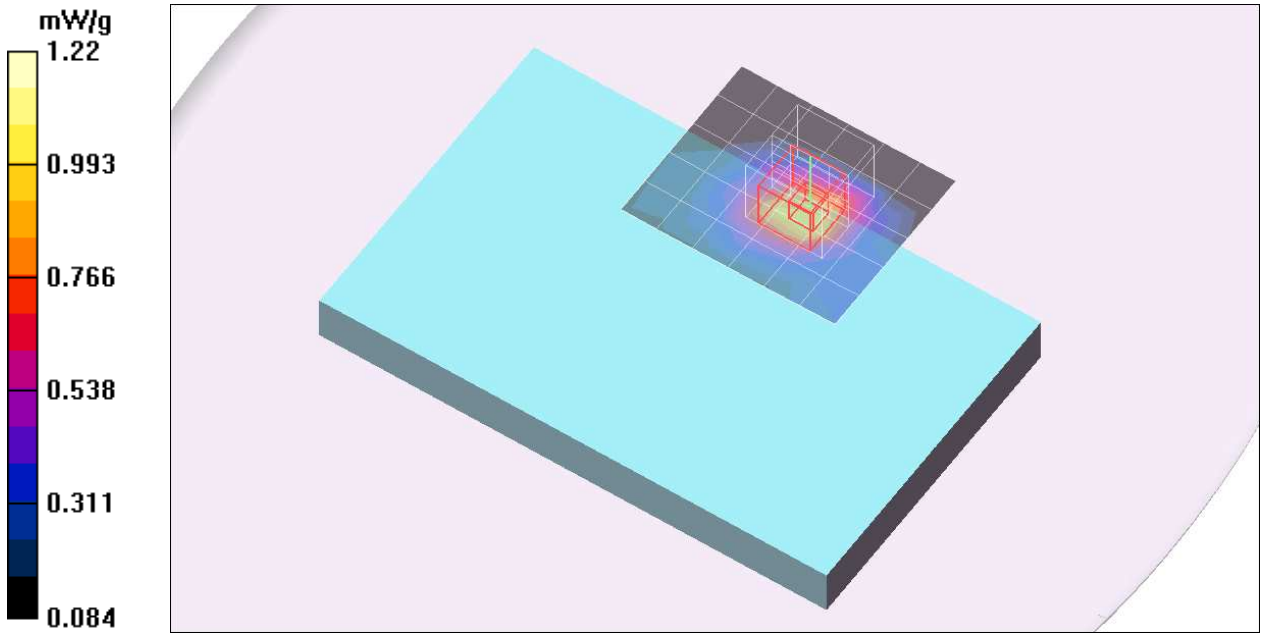
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,49/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.00 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,49/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.549 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

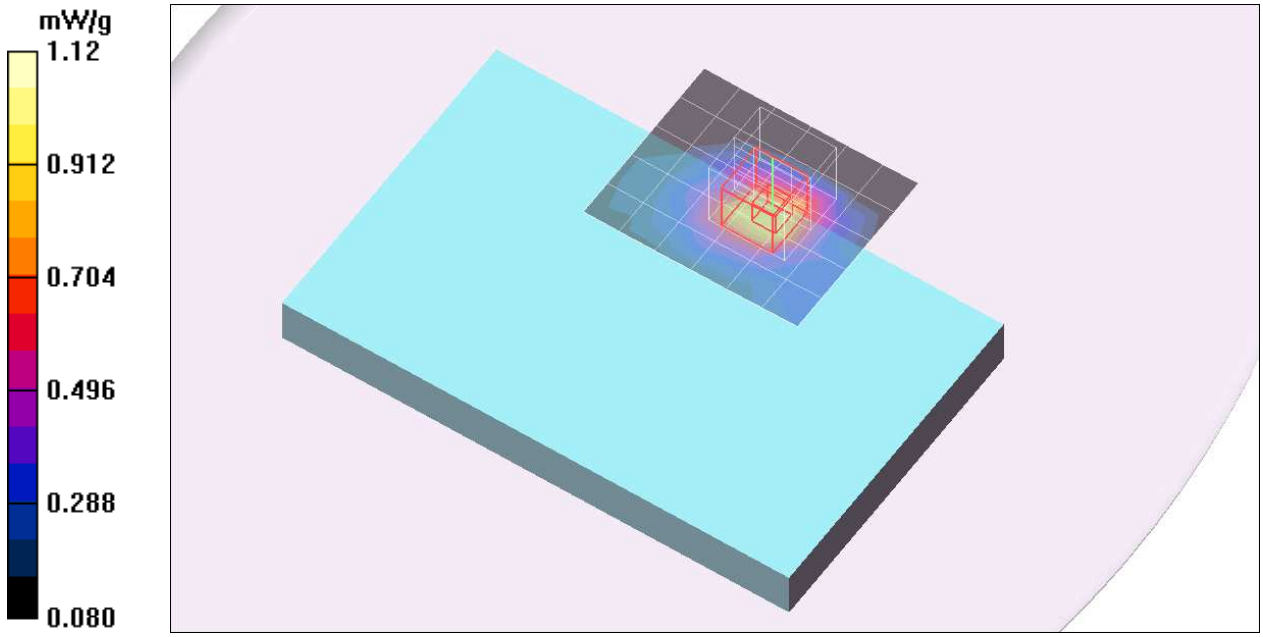
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,99/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.930 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,99/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.504 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

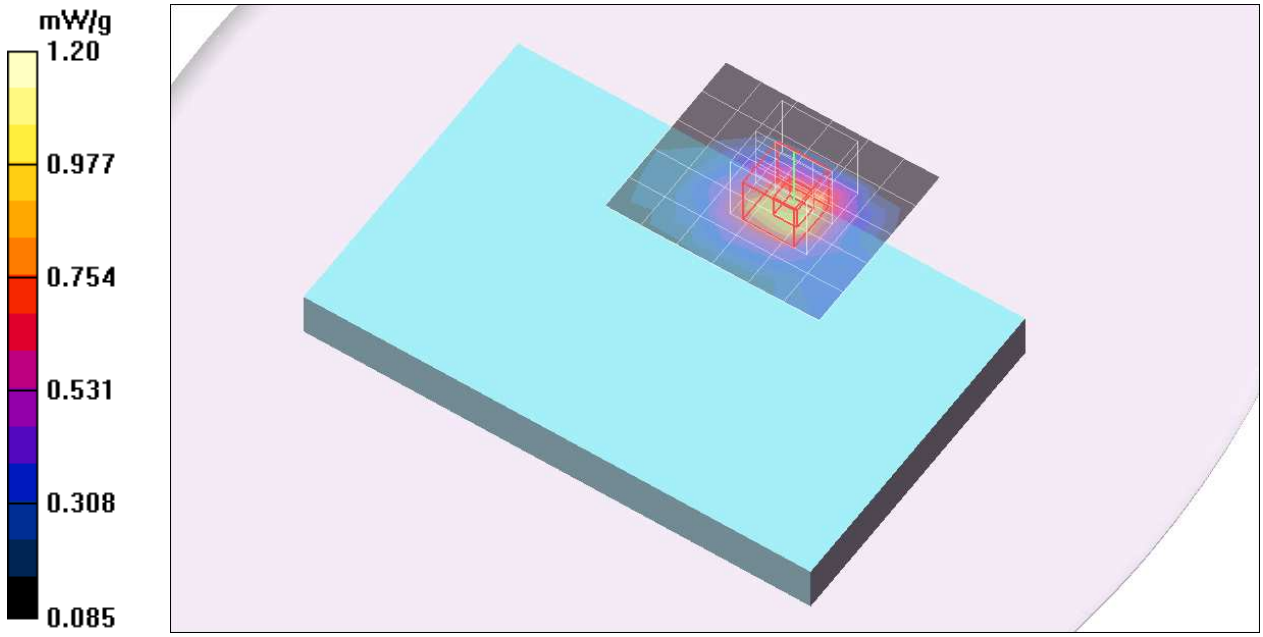
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18900/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.957 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18900/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.531 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

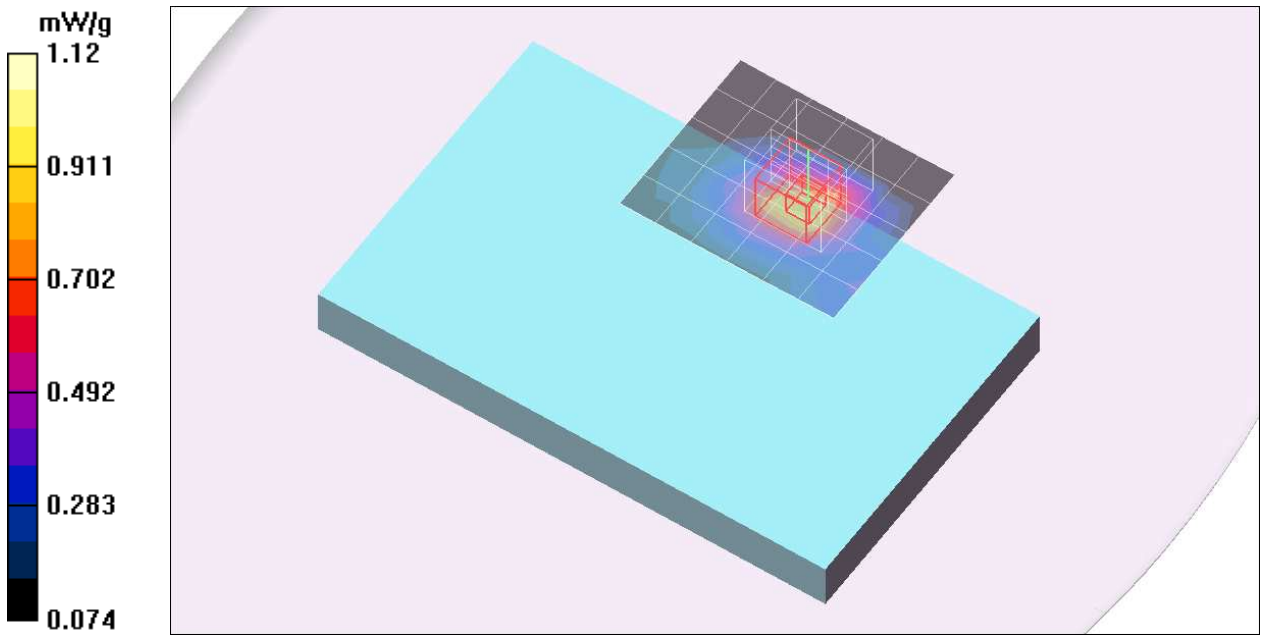
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH19100/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.876 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH19100/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.69 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.491 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

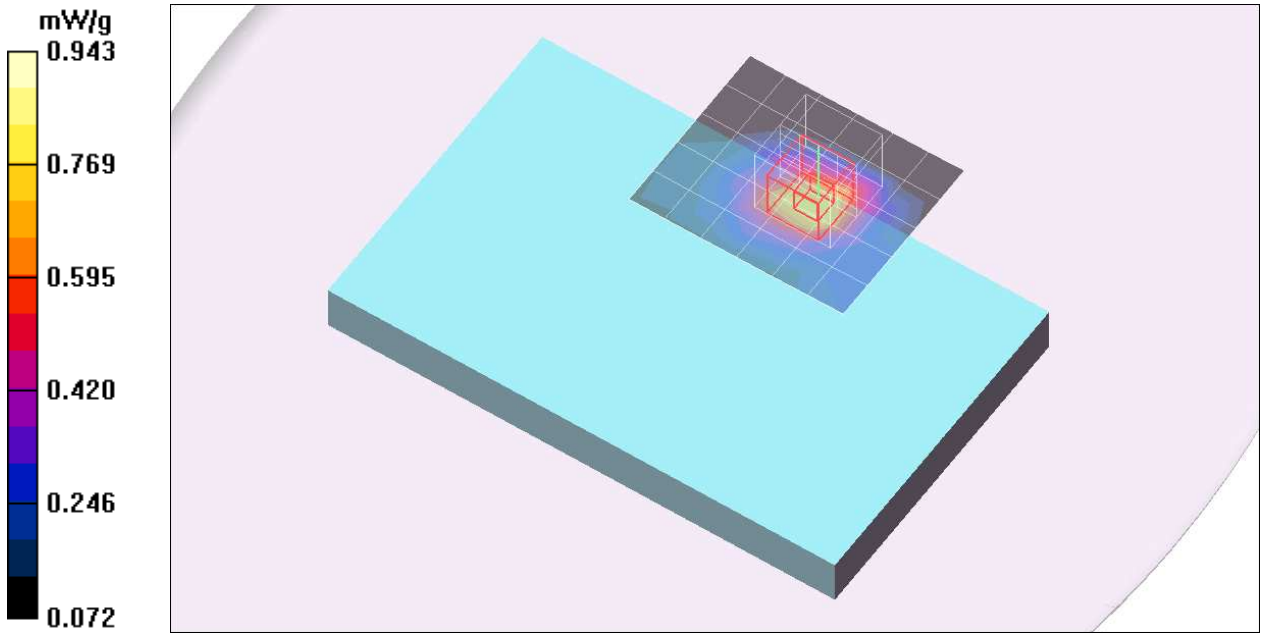
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.790 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.98 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.430 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.943 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

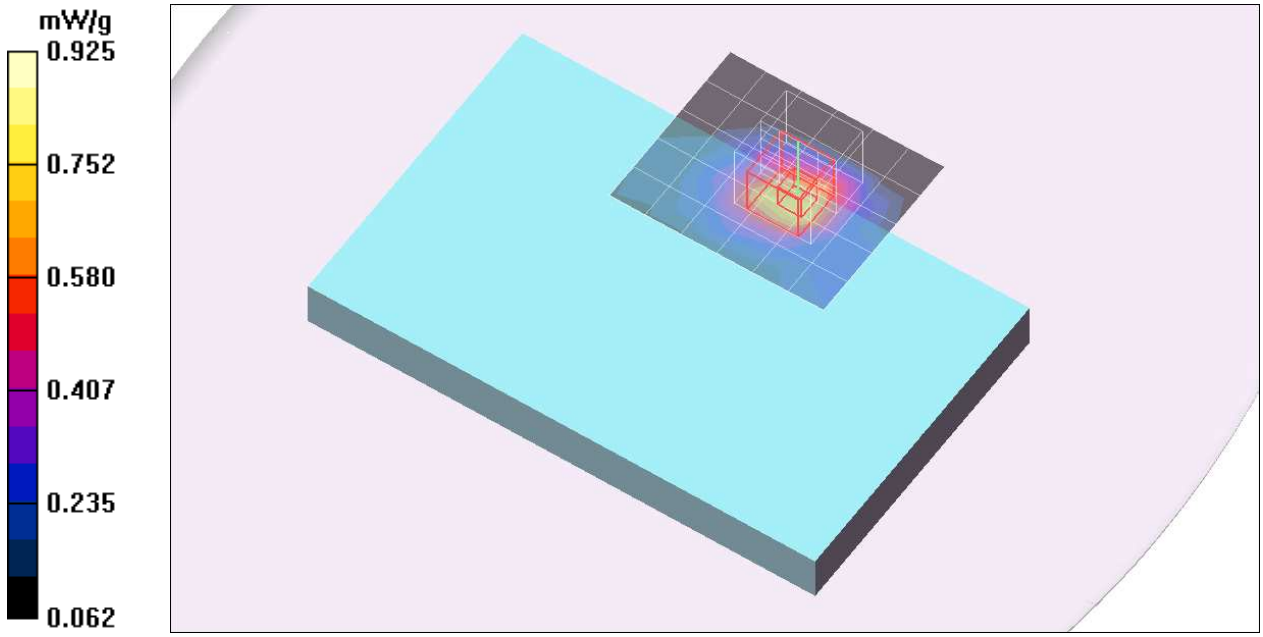
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,24/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.761 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,24/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.63 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.410 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.925 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

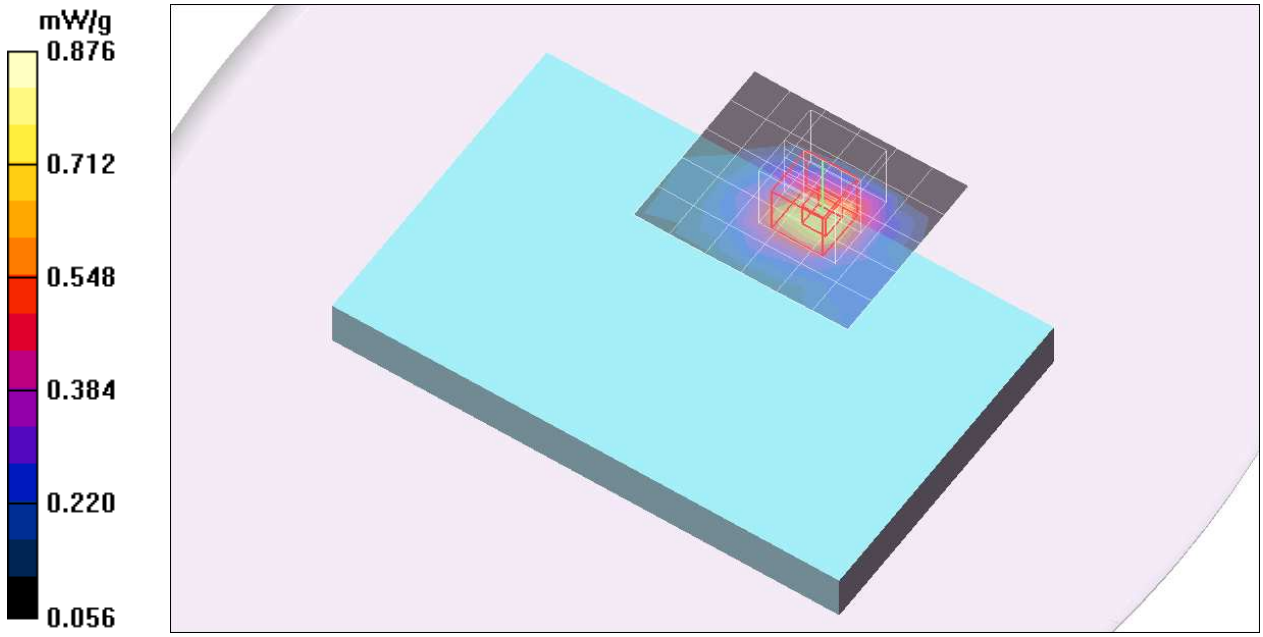
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,49/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.719 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,49/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.392 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.876 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

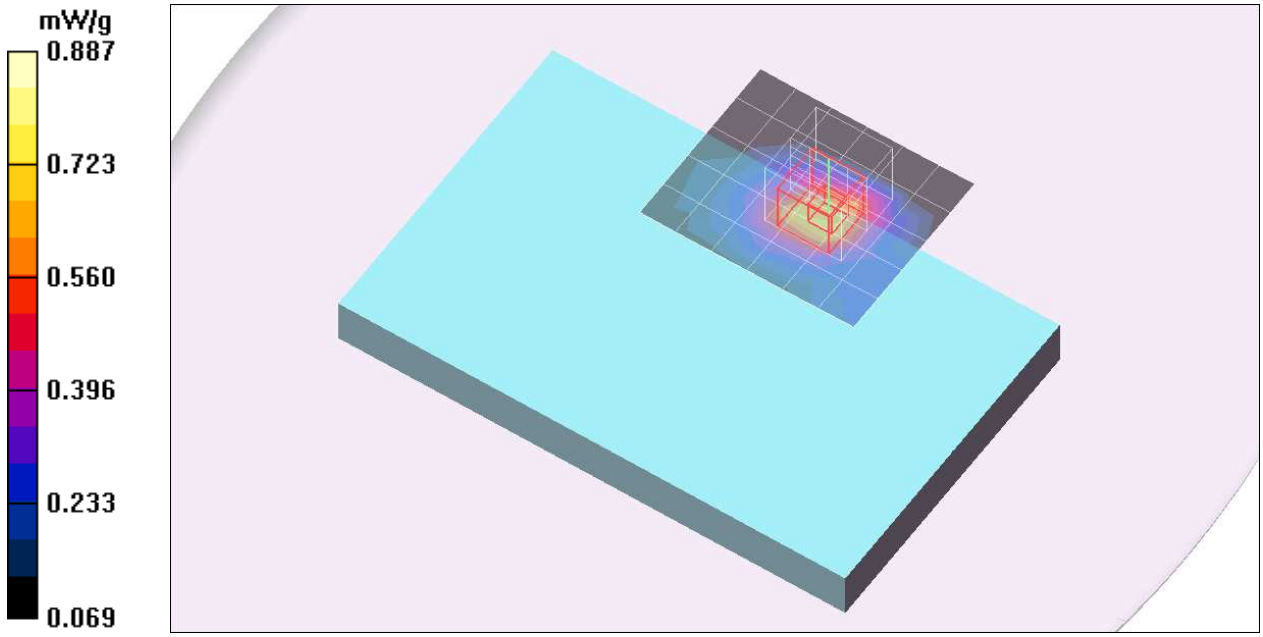
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH18900/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.702 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH18900/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.23 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.397 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.887 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

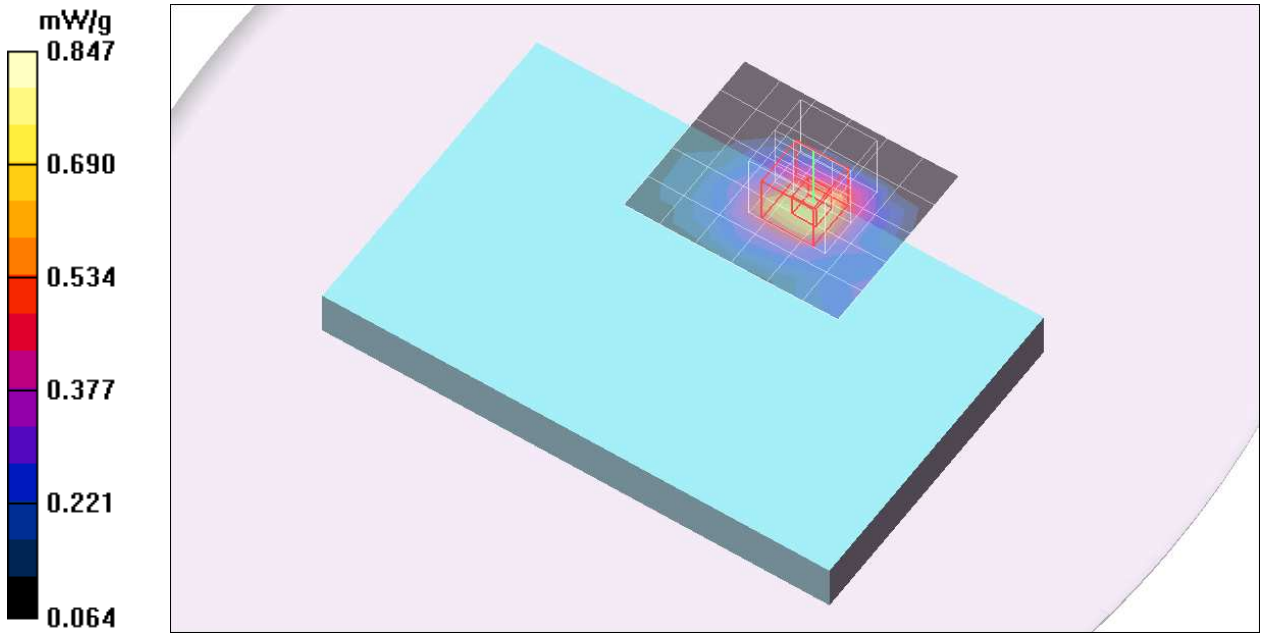
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH19100/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.681 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 50,0/CH19100/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.373 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.847 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

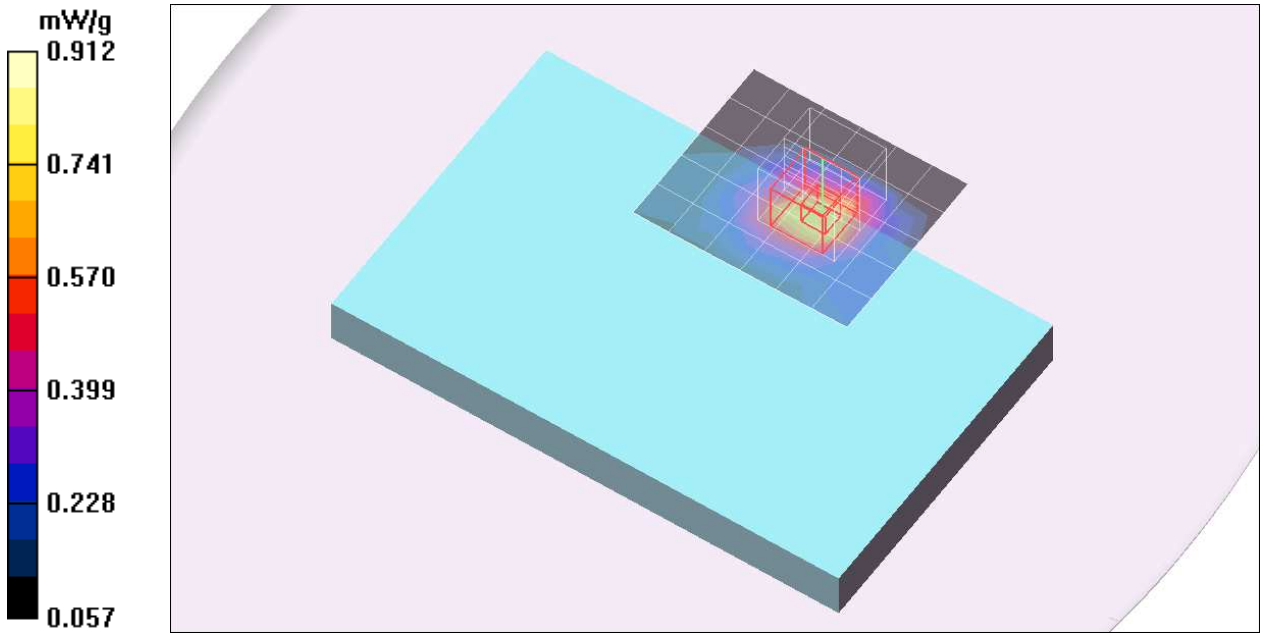
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 100,0/CH18700/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.765 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 100,0/CH18700/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.43 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.408 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.912 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 2

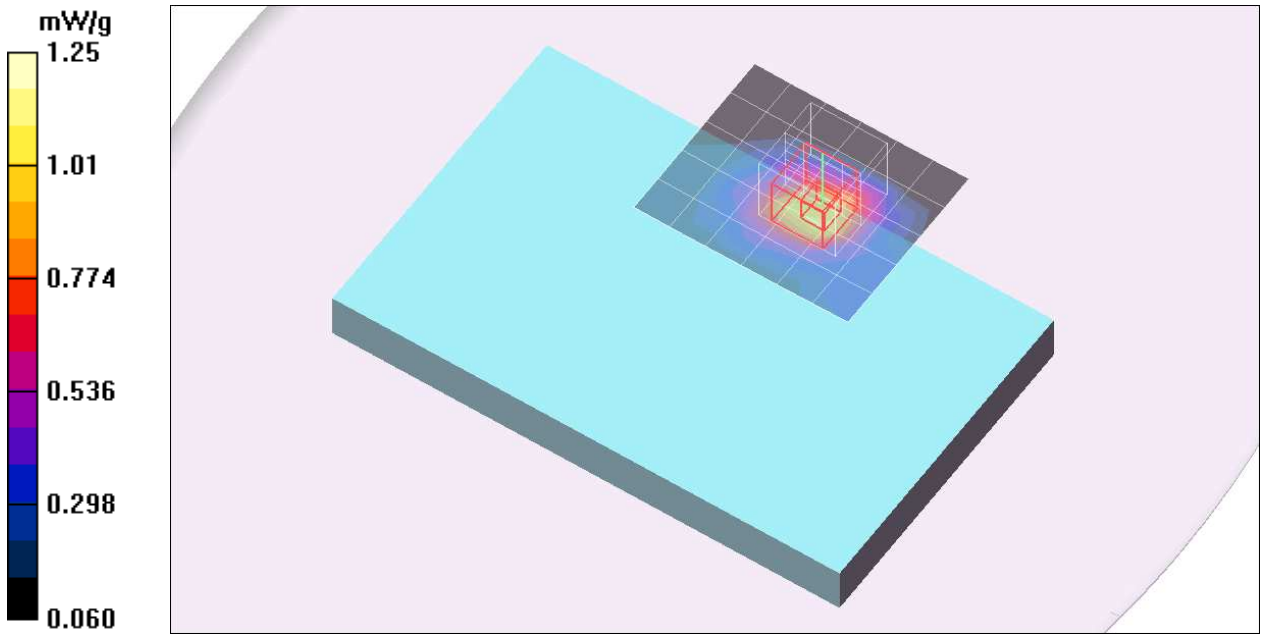
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700_Repeat/Area Scan (7x6x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.06 mW/g

Rear Side/LTE Band 2/QPSK_BW 20_RB 1,0/CH18700_Repeat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.061 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.558 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

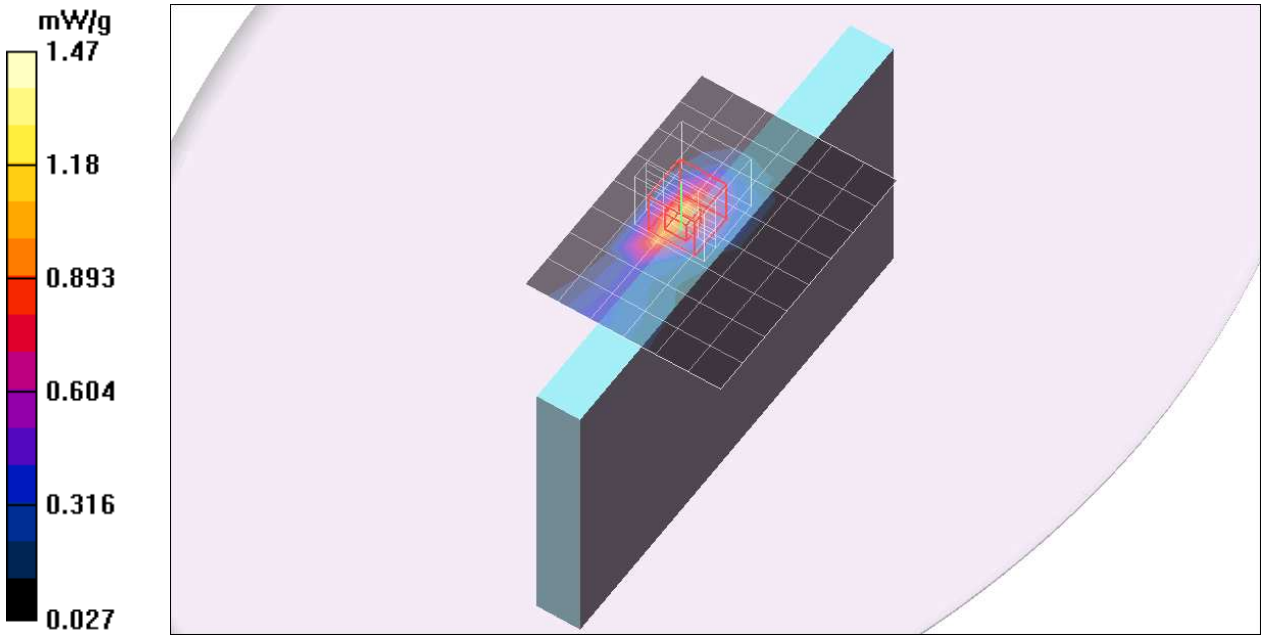
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.520 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.47 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

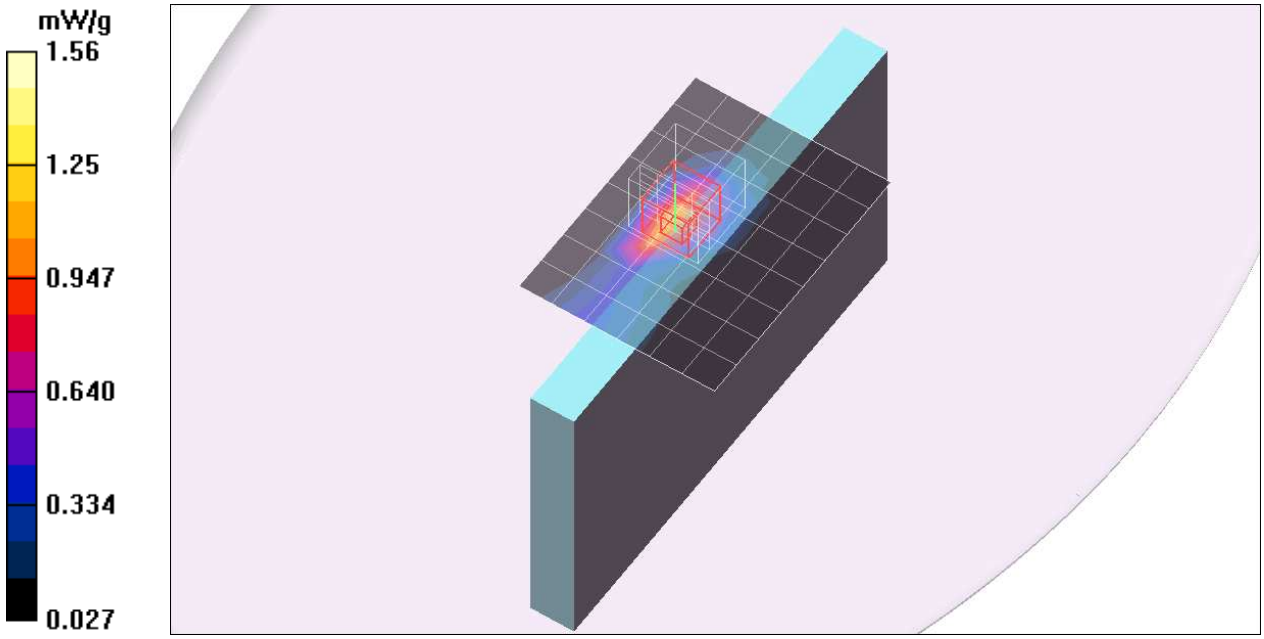
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.549 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.56 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

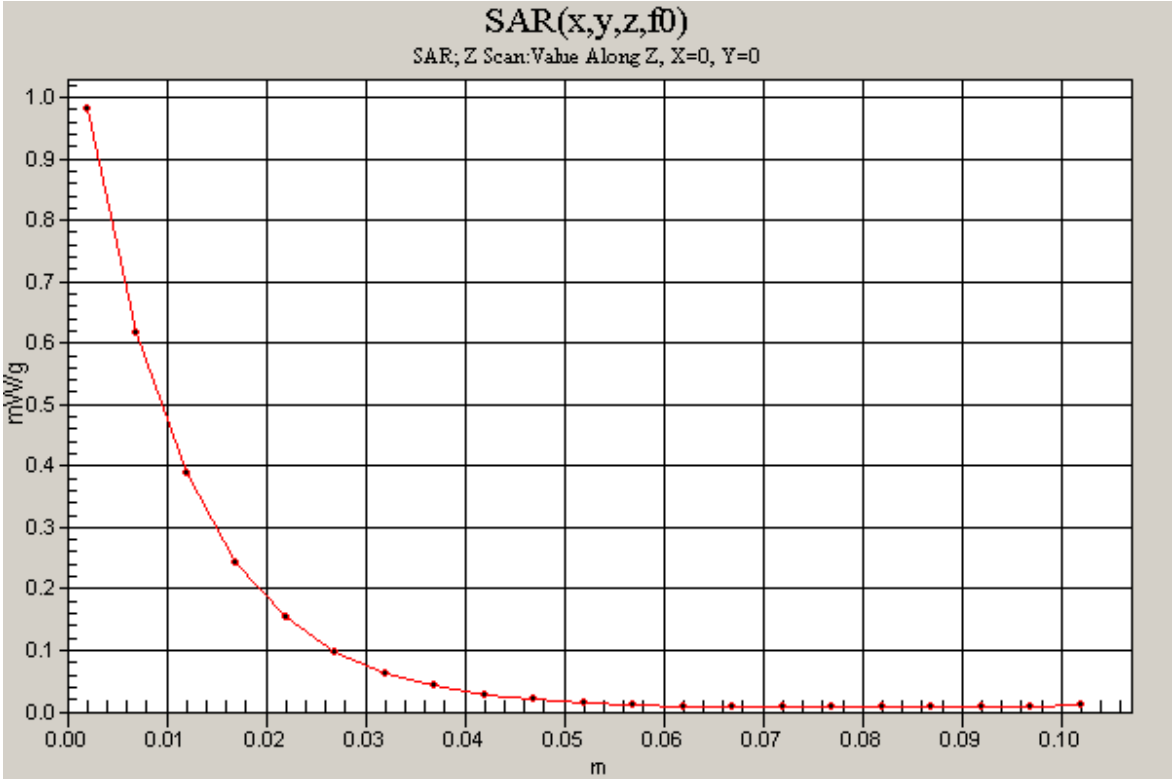
LTE Band 4

Frequency: 1745 MHz; Duty Cycle: 1:1

Edge2/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.982 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

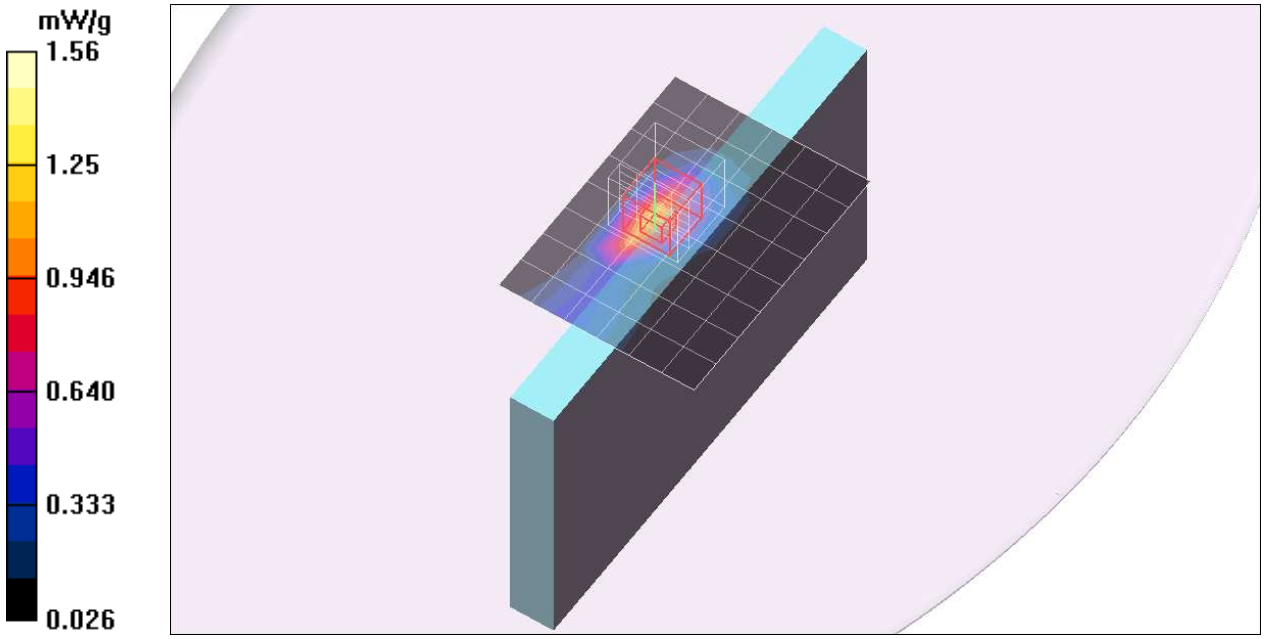
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,99/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,99/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.546 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.56 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

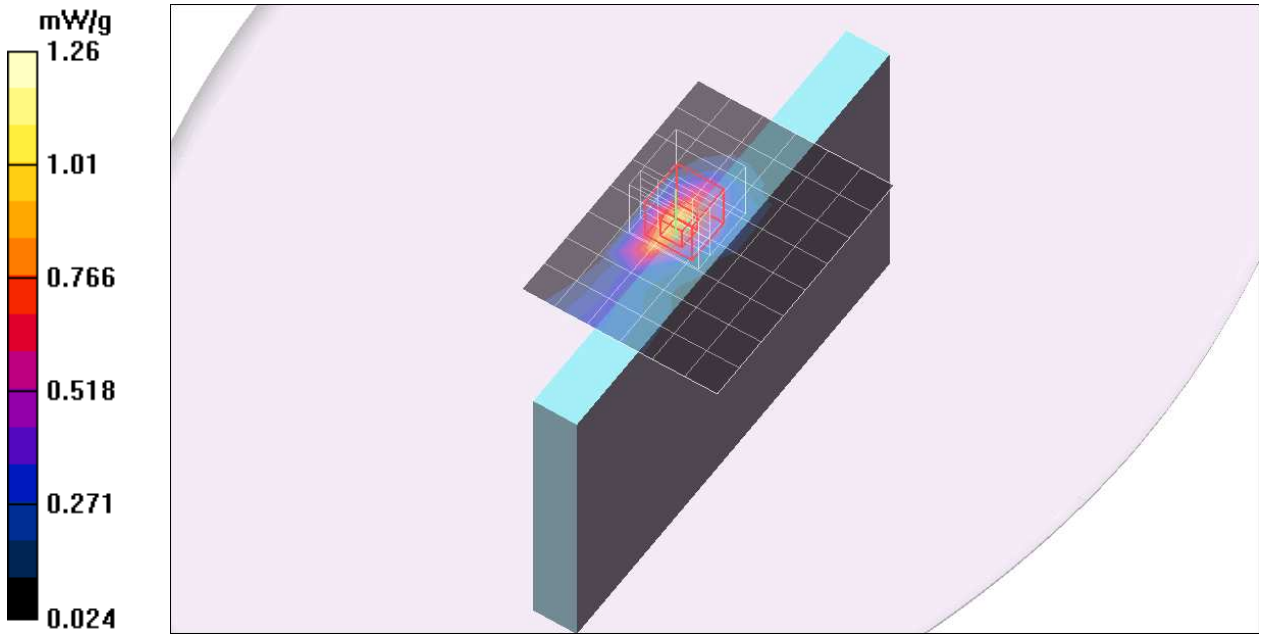
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.47 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20050/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20050/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.449 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

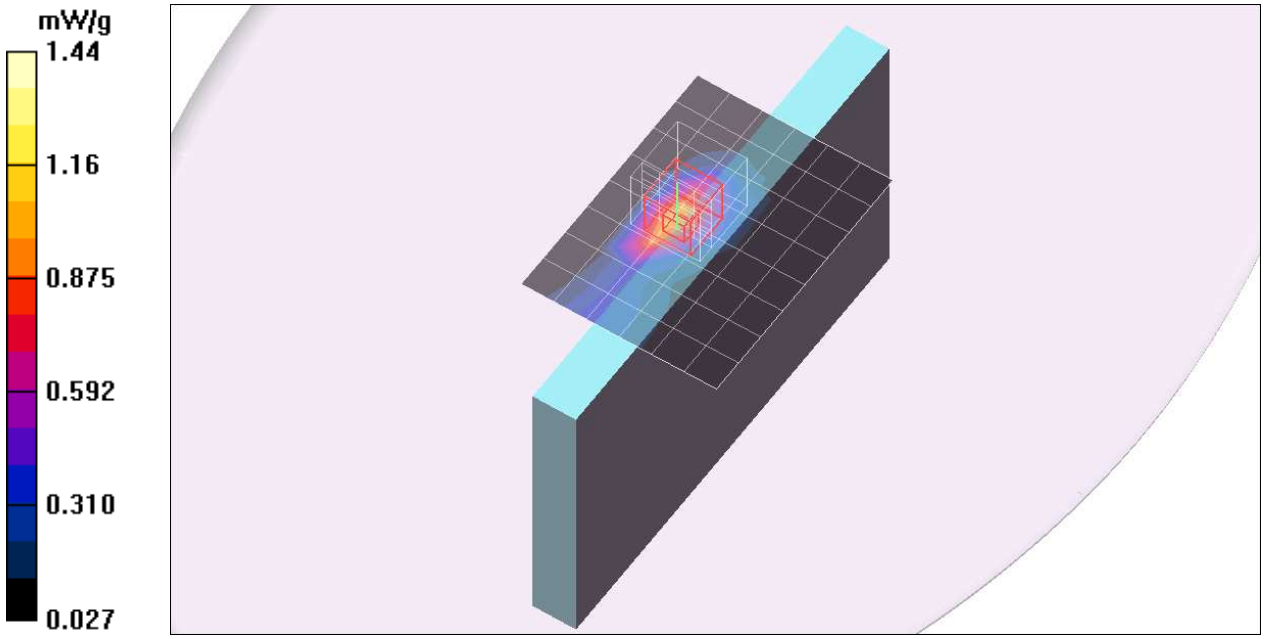
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20175/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.15 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,0/CH20175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

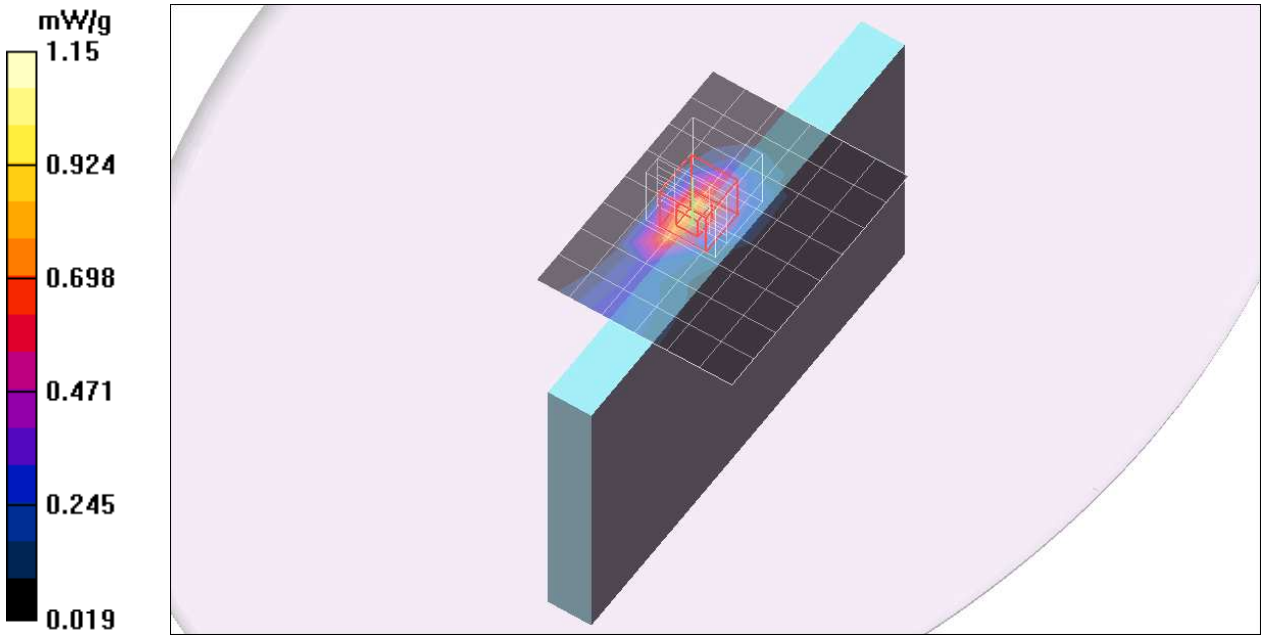
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.936 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.403 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

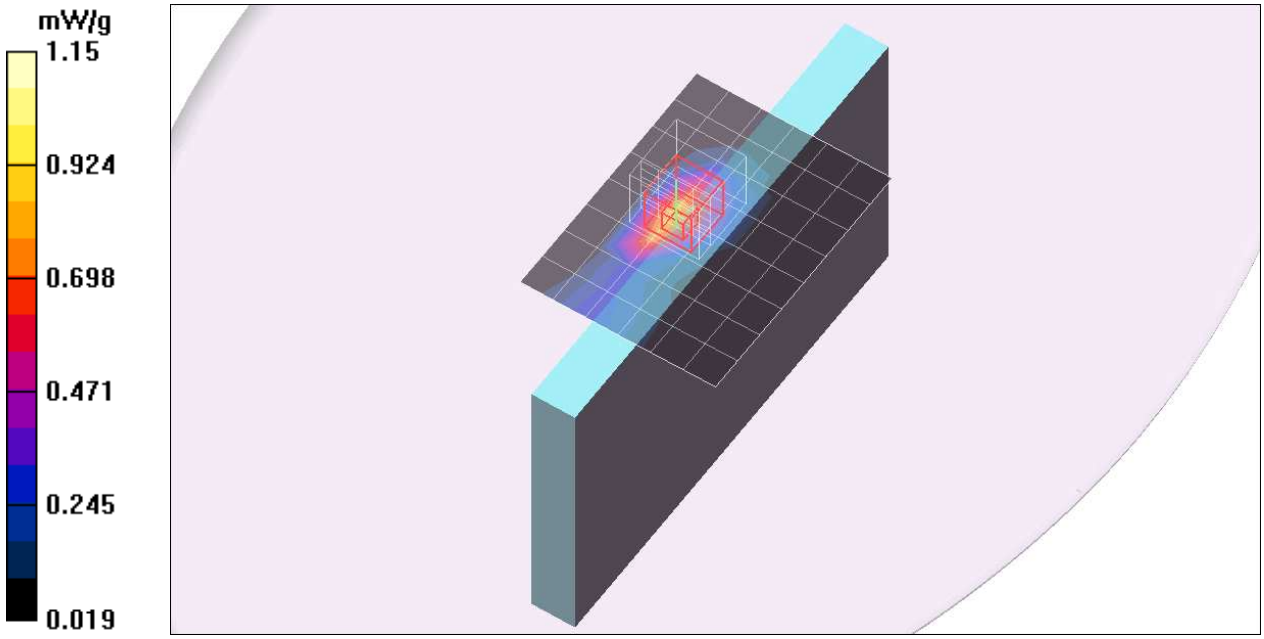
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 50,24/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.937 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 50,24/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.403 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

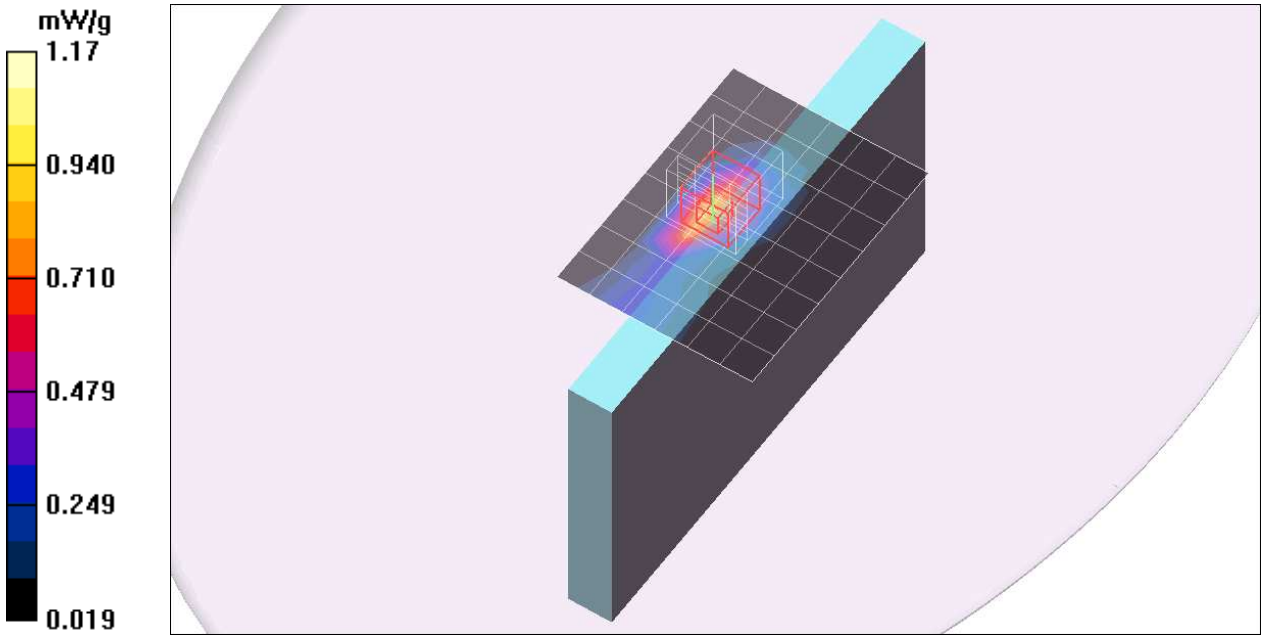
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 50,49/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.950 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 50,49/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.411 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.17 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

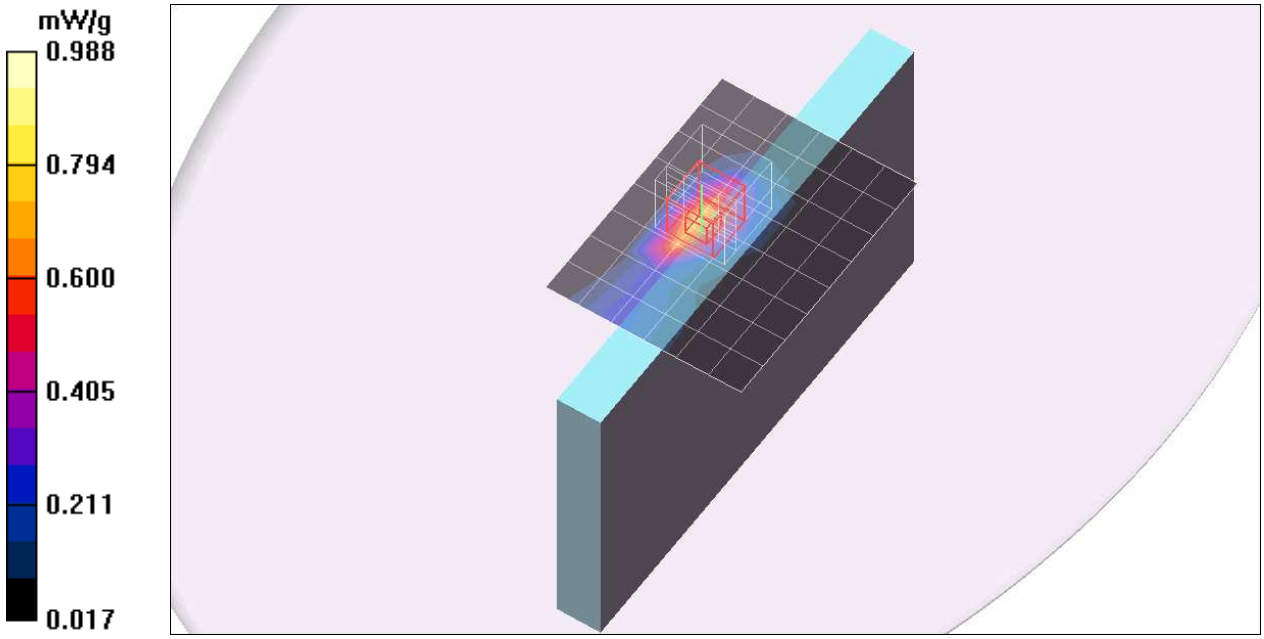
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.47 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20050/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.828 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20050/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.347 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.988 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

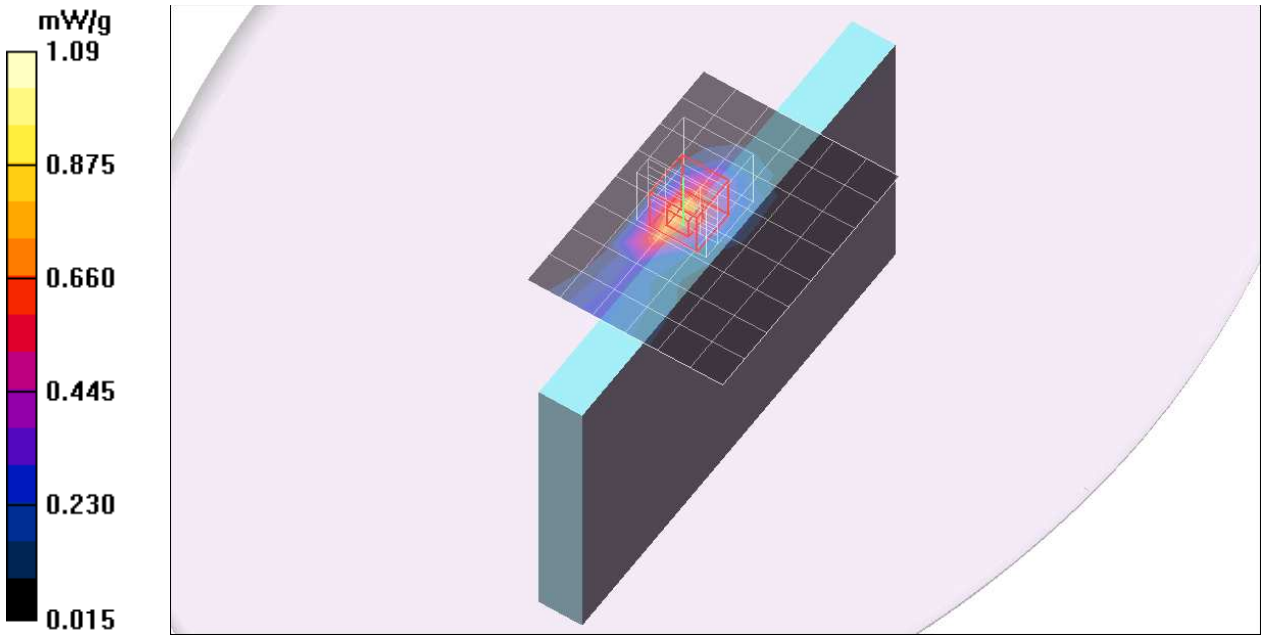
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20175/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.887 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 50,0/CH20175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

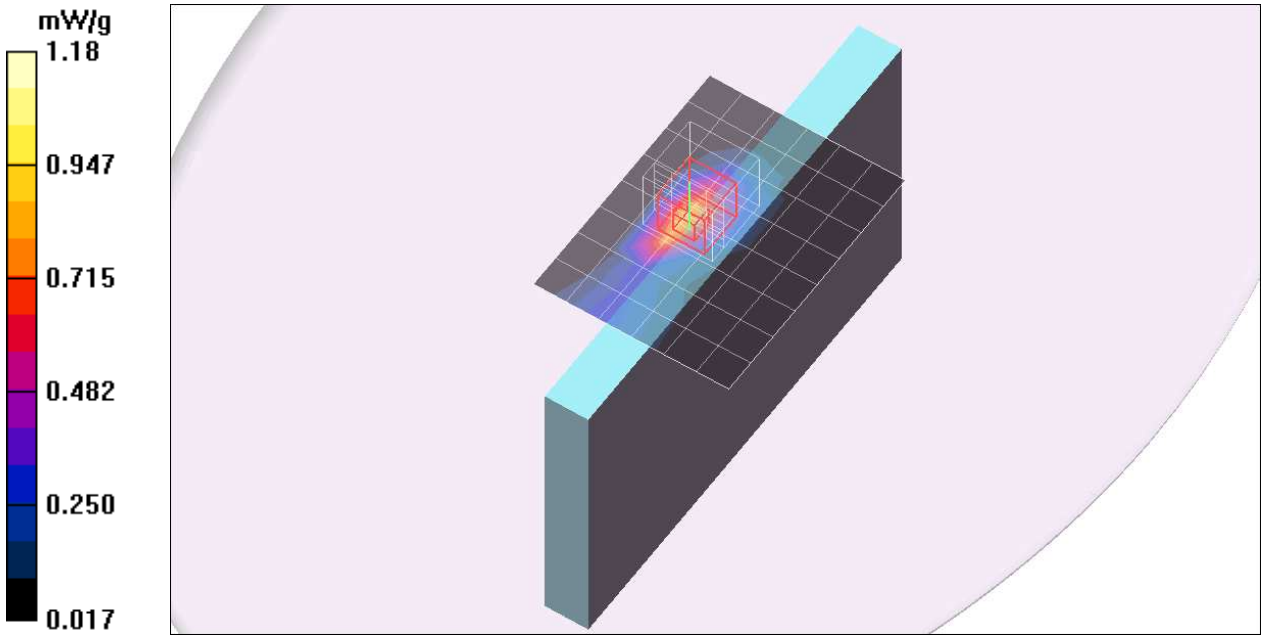
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 100,0/CH20300/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.951 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 100,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.412 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

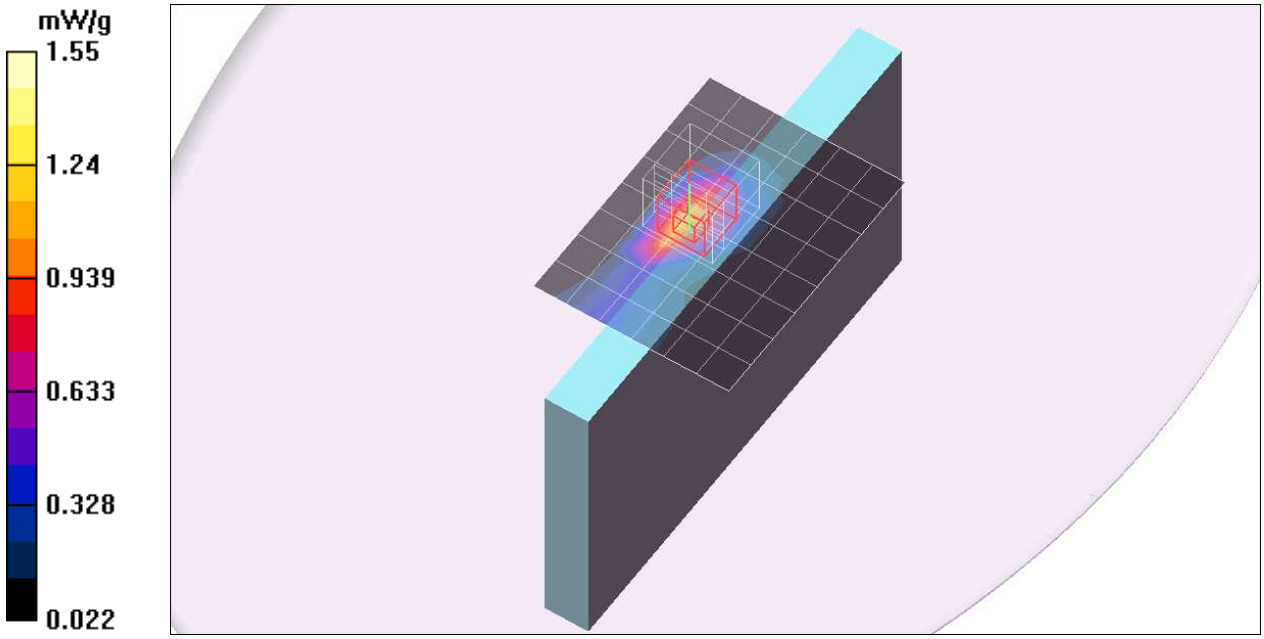
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300_Repeat/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 mW/g

Edge2/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300_Repeat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.544 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.55 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

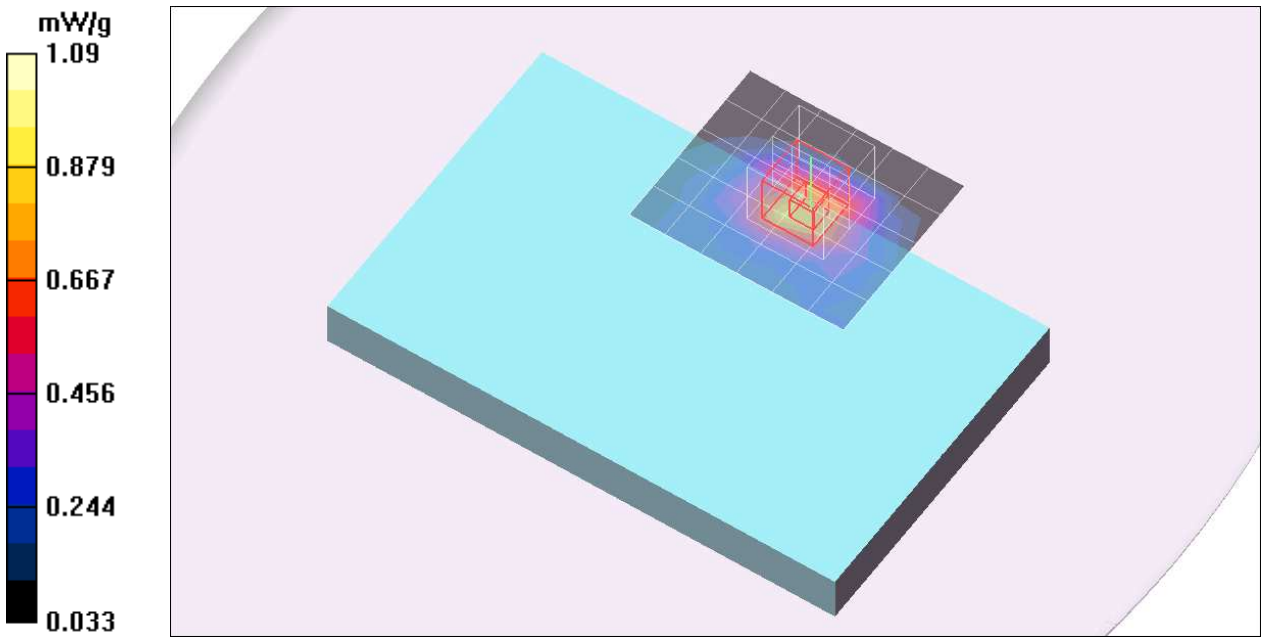
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.841 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.444 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

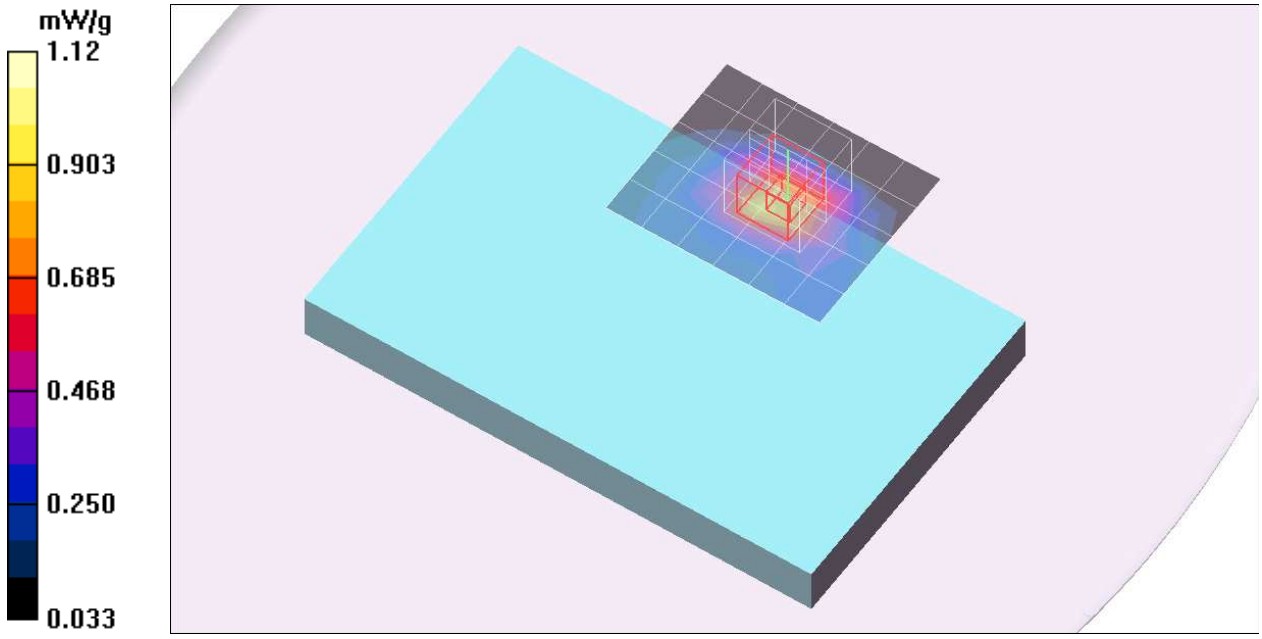
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.887 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,49/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.460 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

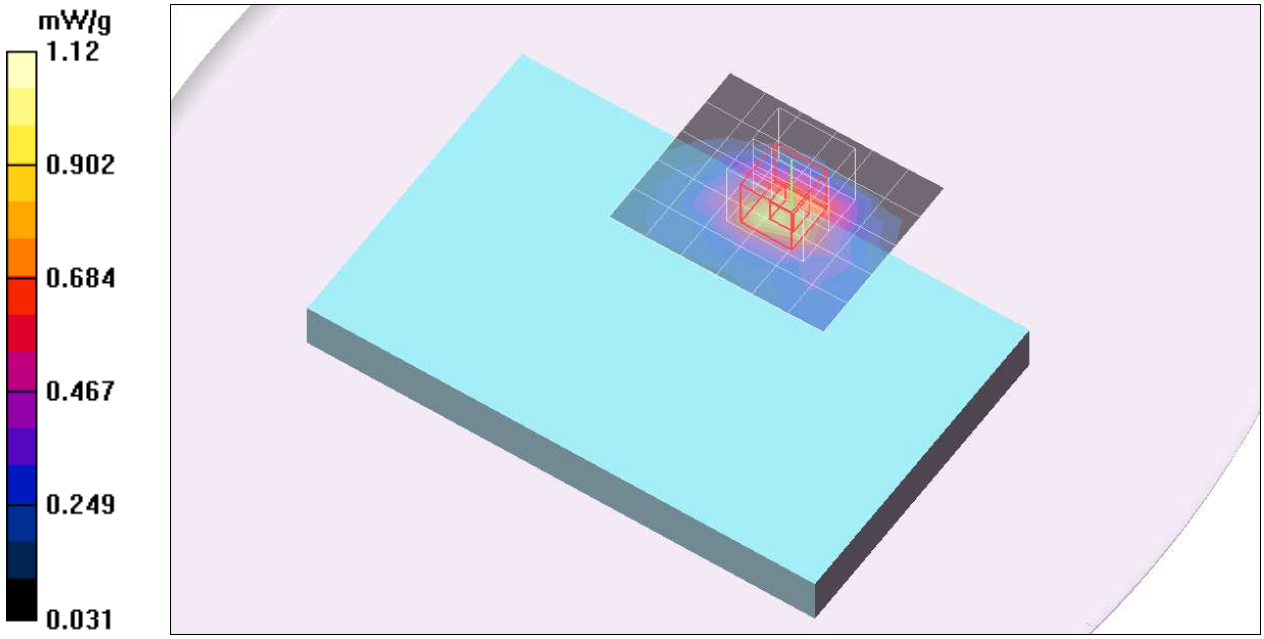
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,99/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.915 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,99/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.464 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

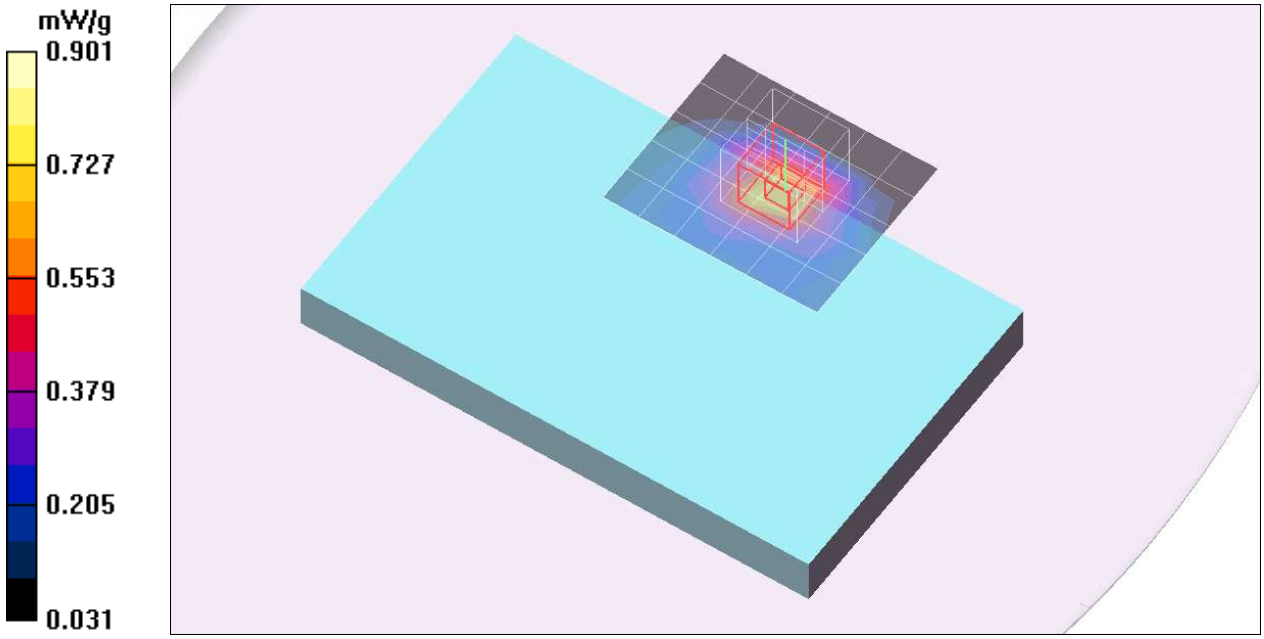
Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1720 MHz; σ = 1.47 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20050/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.692 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20050/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.371 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.901 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

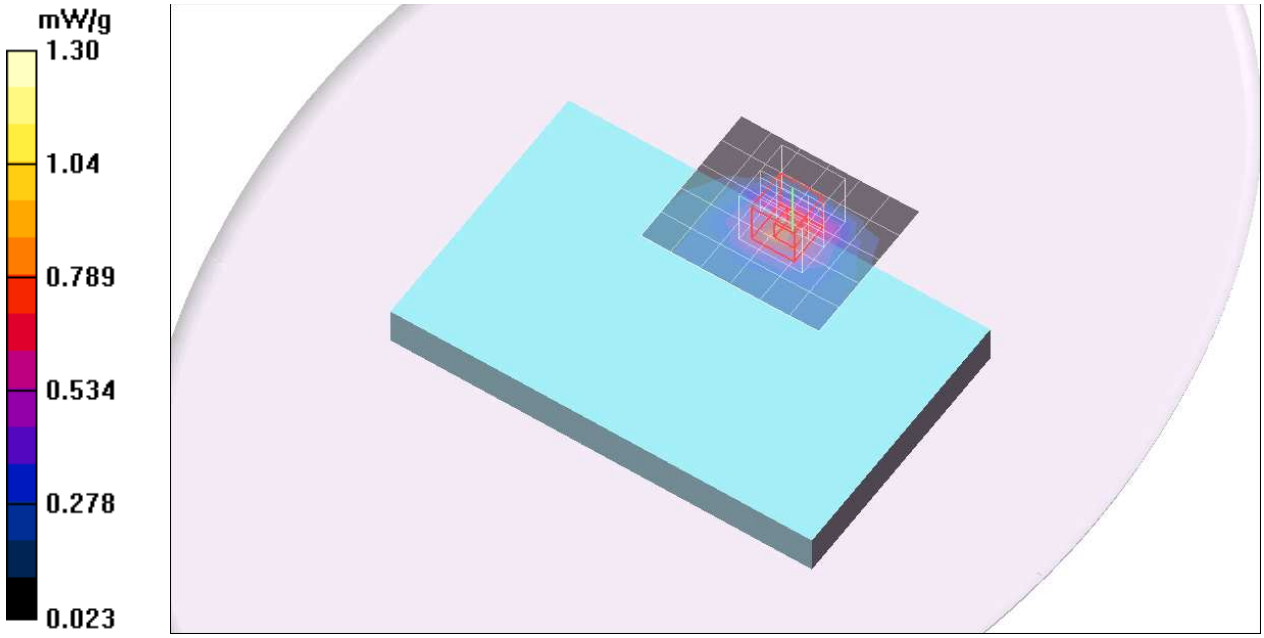
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20175/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.773 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 1,0/CH20175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.405 mW/g
Maximum value of SAR (measured) = 0.997 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

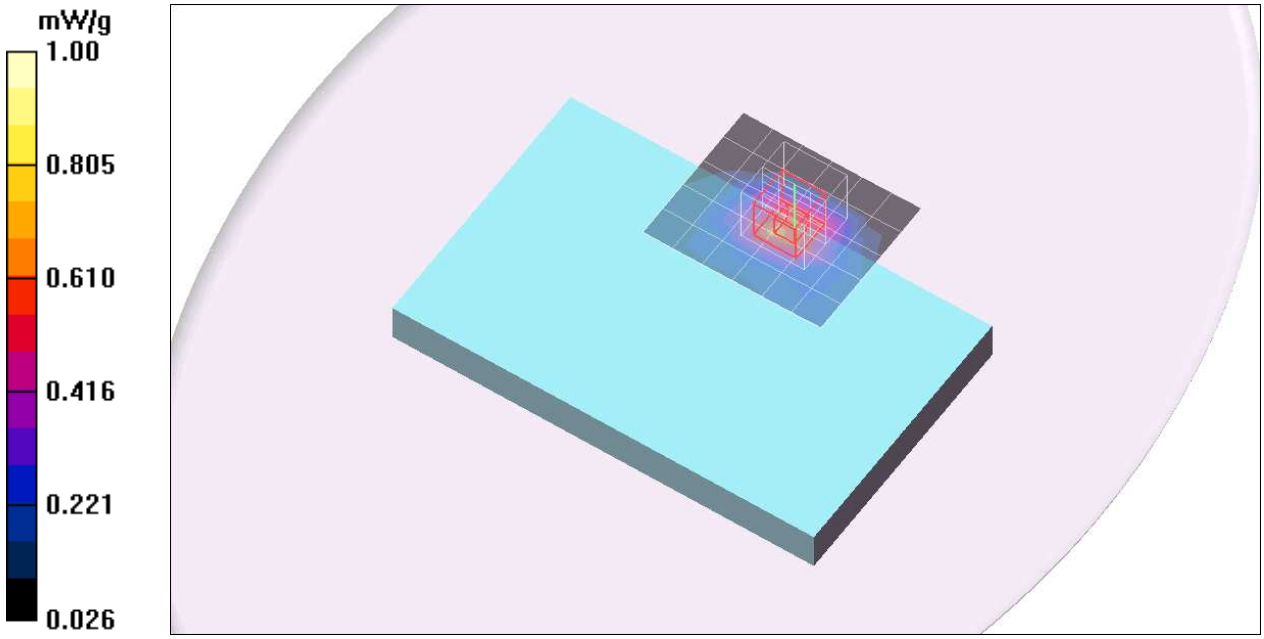
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.654 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.341 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.837 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

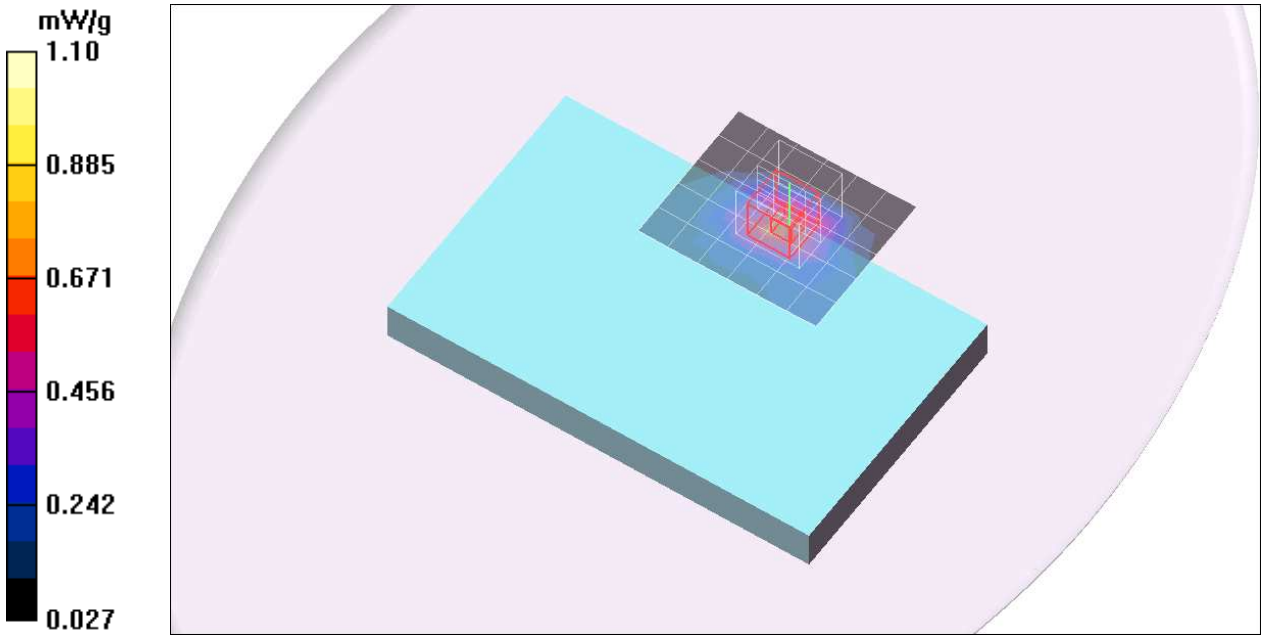
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,24/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.667 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,24/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.346 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.850 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

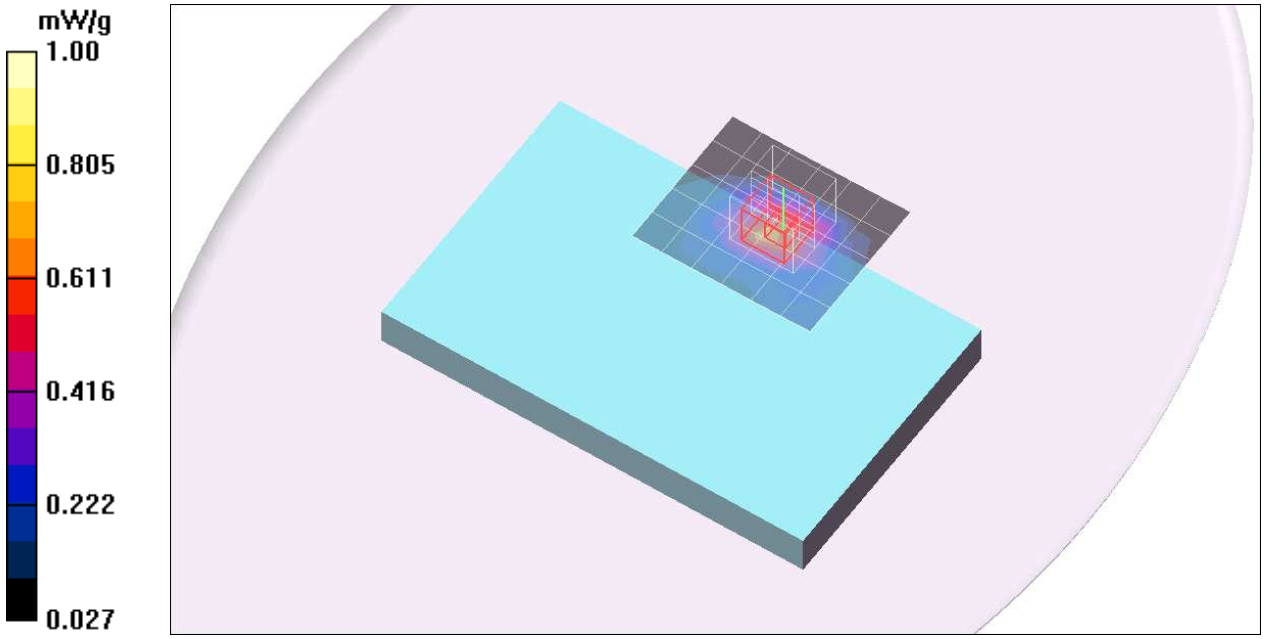
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,49/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.675 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,49/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.348 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.854 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

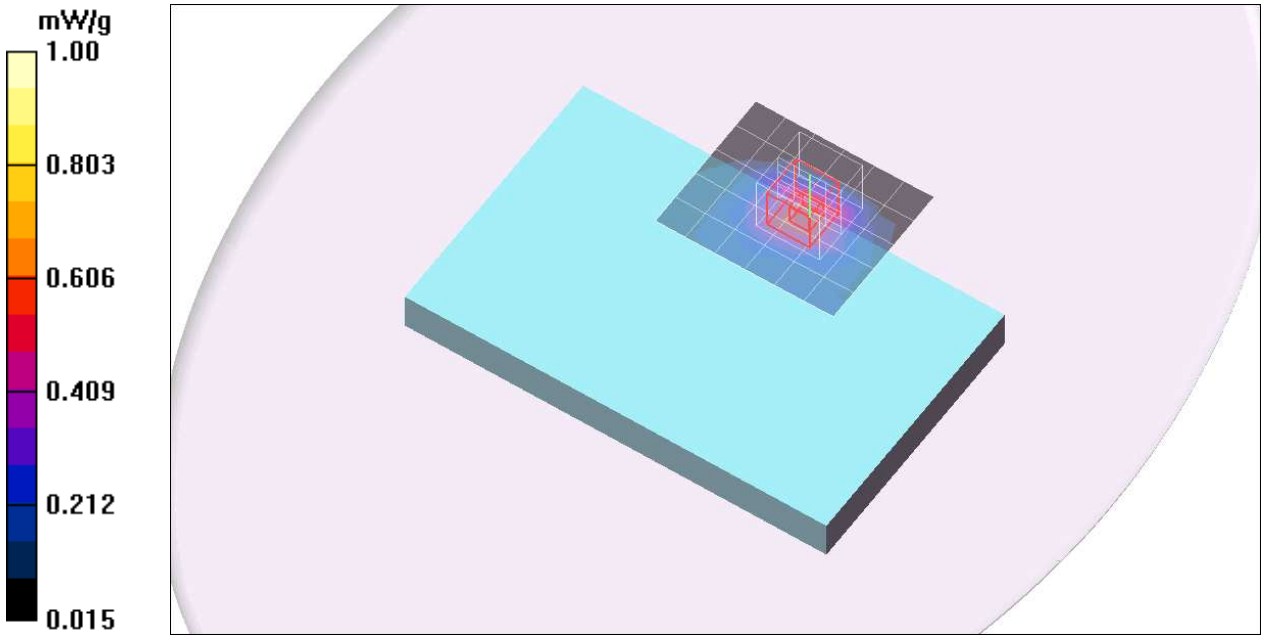
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20050/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.562 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20050/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.370 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.306 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.757 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

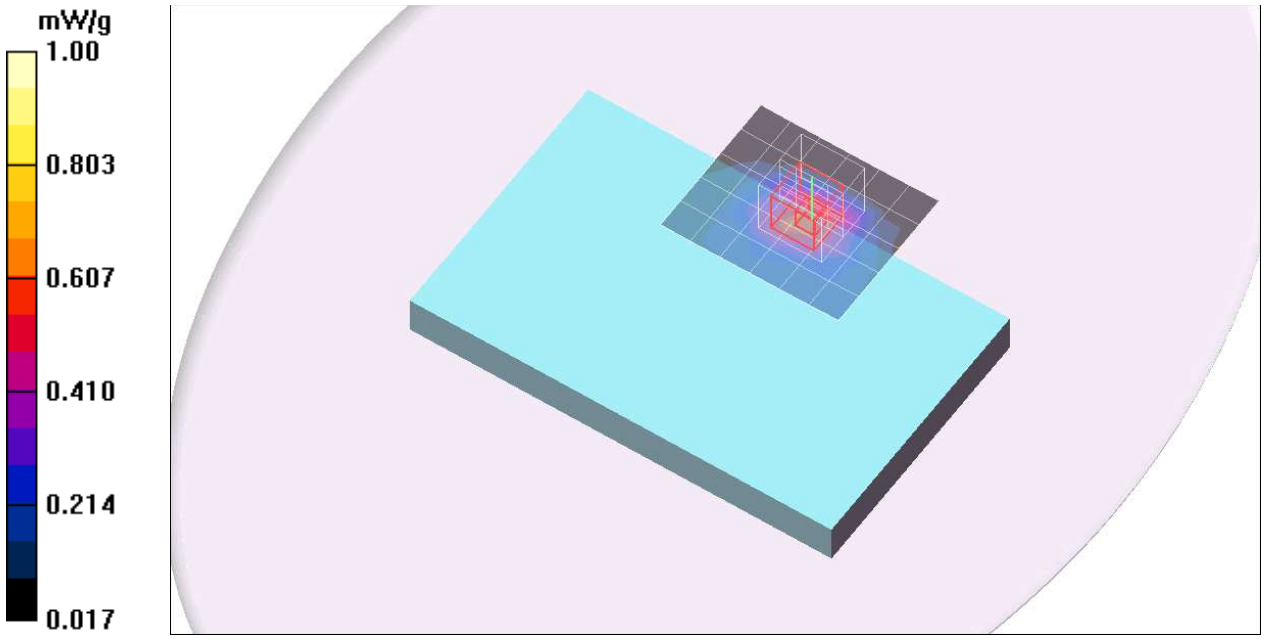
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1732.9 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20175/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.615 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 50,0/CH20175/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.780 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/15/2014

LTE Band 4

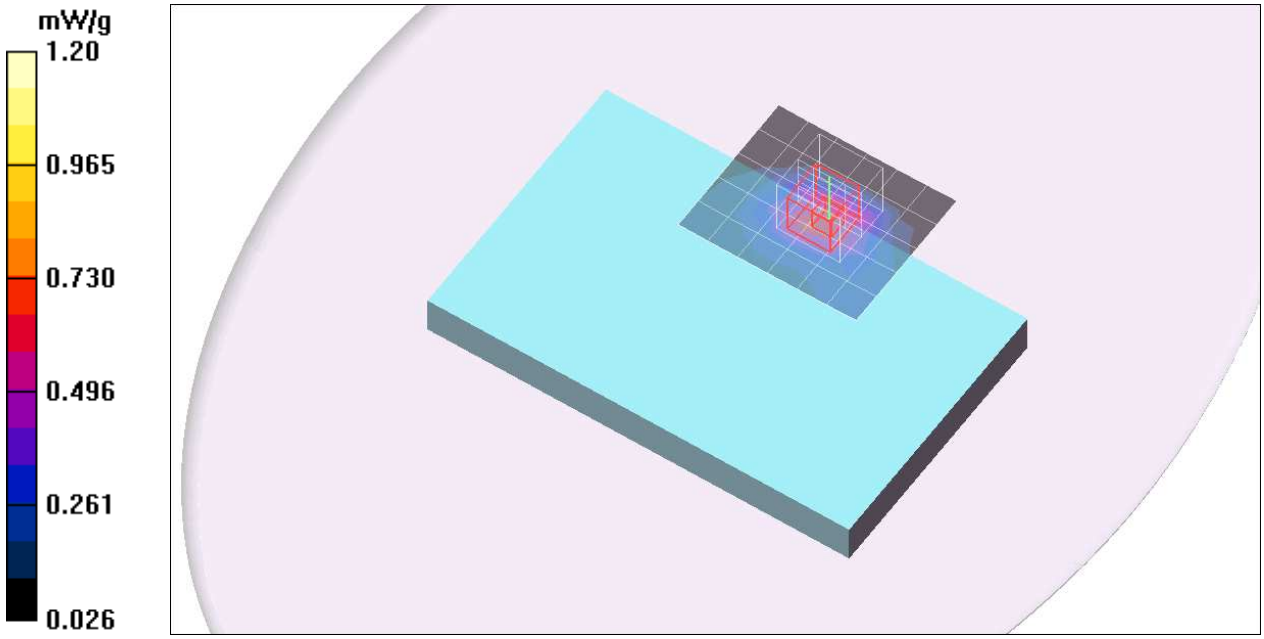
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.5 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(8.12, 8.12, 8.12); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 4/QPSK_BW 20_RB 100,0/CH20300/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.682 mW/g

Rear Side/LTE Band 4/QPSK_BW 20_RB 100,0/CH20300/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.347 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.841 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

LTE Band 5

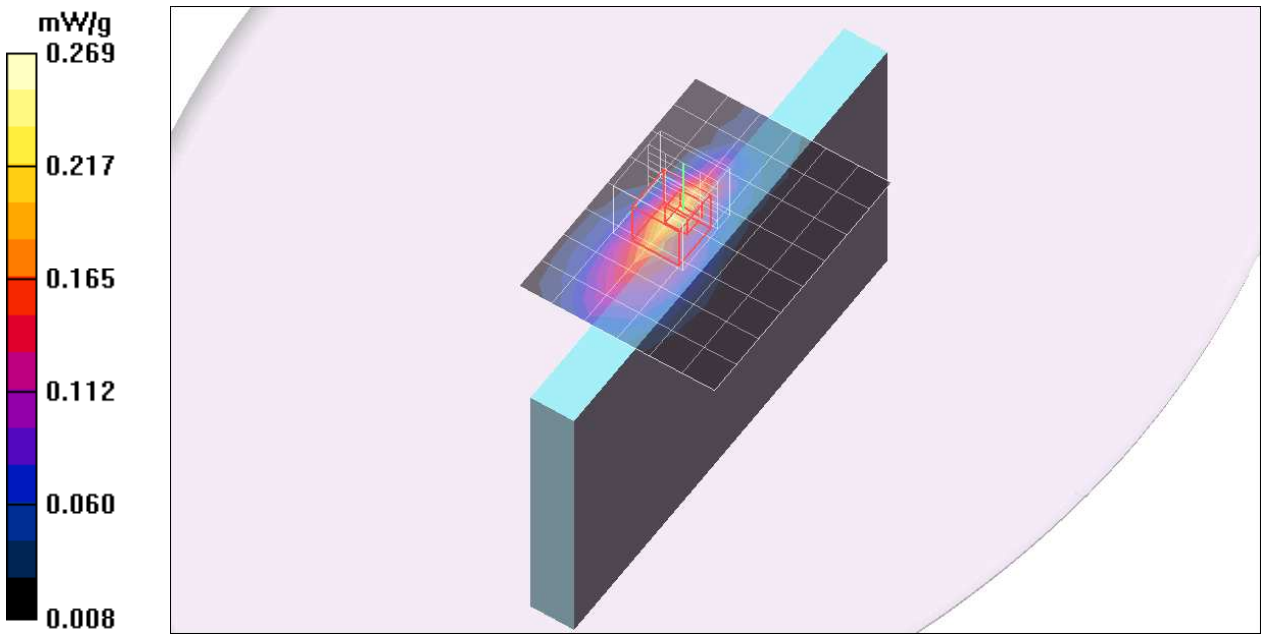
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 5/QPSK_BW 10_RB 1,0/CH20525/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.241 mW/g

Edge2/LTE Band 5/QPSK_BW 10_RB 1,0/CH20525/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.102 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.269 mW/g

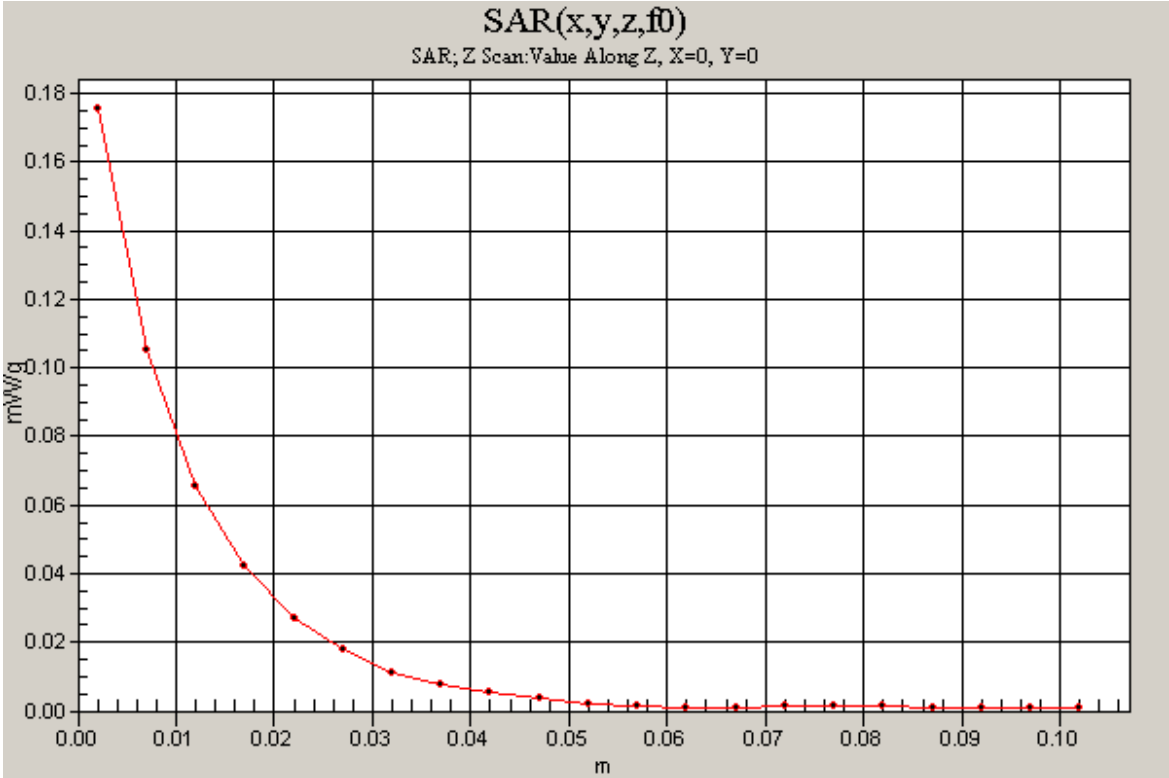


Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1

Edge2/LTE Band 5/QPSK_BW 10_RB 1,0/CH20525/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.176 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

LTE Band 5

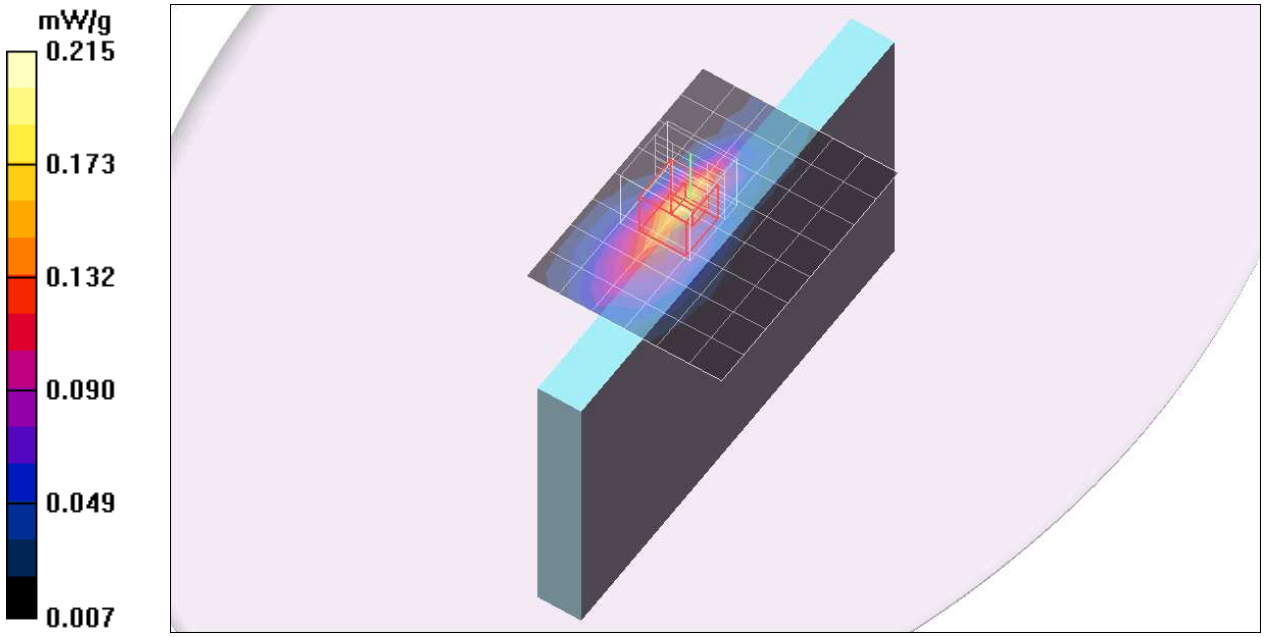
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 5/QPSK_BW 10_RB 25,0/CH20525/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.189 mW/g

Edge2/LTE Band 5/QPSK_BW 10_RB 25,0/CH20525/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.081 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.215 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

LTE Band 5

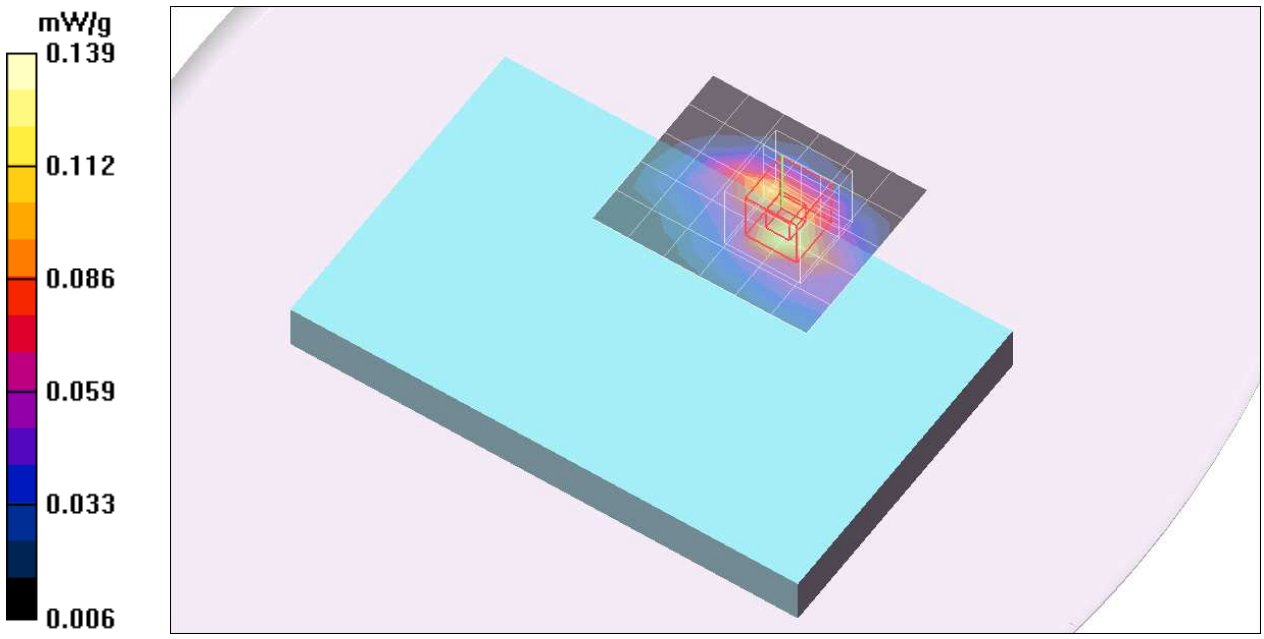
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 5/QPSK_BW 10_RB 1,0/CH20525/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.129 mW/g

Rear Side/LTE Band 5/QPSK_BW 10_RB 1,0/CH20525/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.10 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.061 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.139 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/12/2014

LTE Band 5

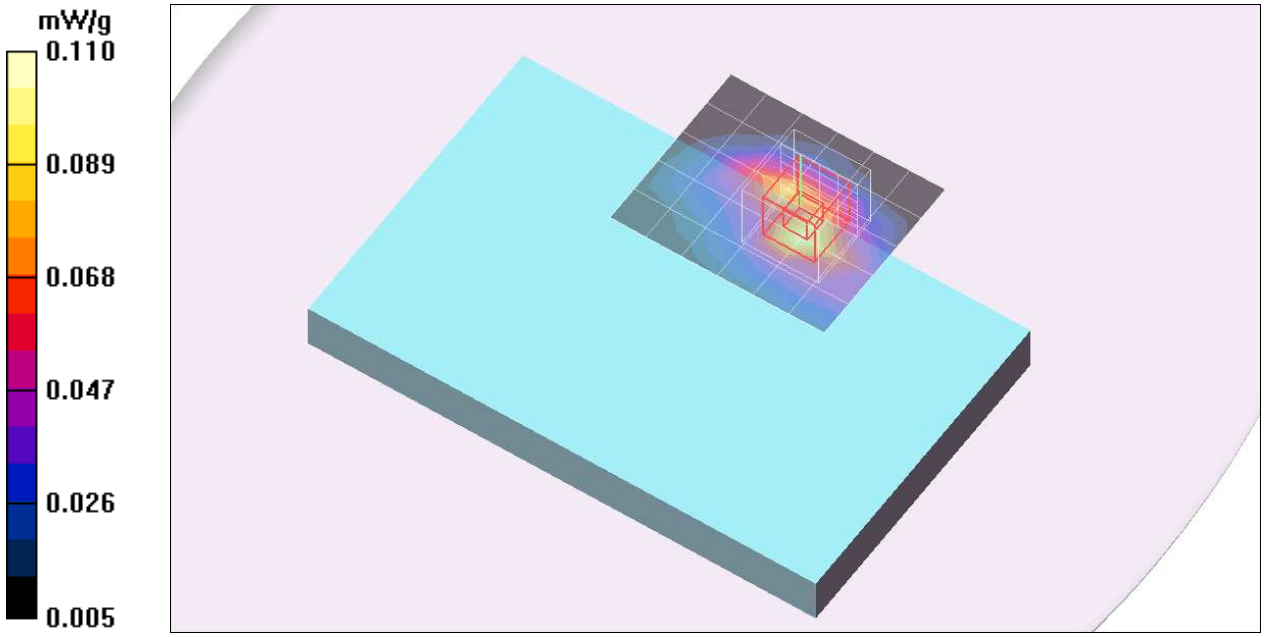
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.98 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.21, 9.21, 9.21); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 5/QPSK_BW 10_RB 25,0/CH20525/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.104 mW/g

Rear Side/LTE Band 5/QPSK_BW 10_RB 25,0/CH20525/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.63 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.048 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.110 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 13

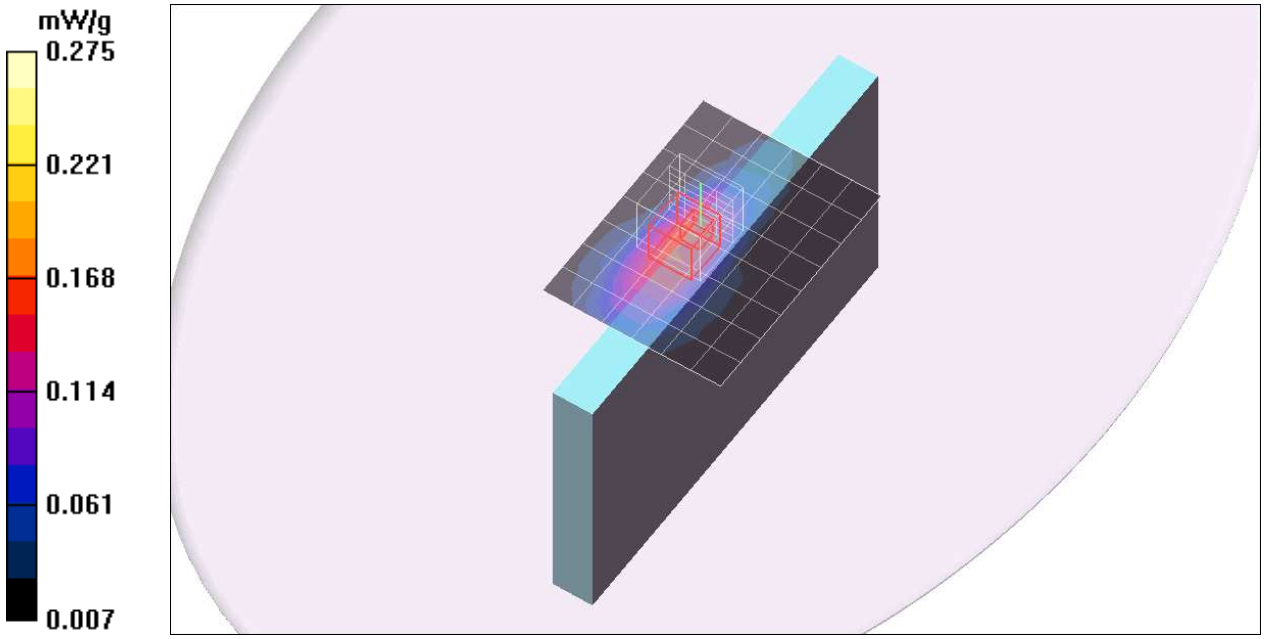
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 782.5 MHz; σ = 0.987 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 13/QPSK_BW 10_RB 1,24/CH23230/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.163 mW/g

Edge2/LTE Band 13/QPSK_BW 10_RB 1,24/CH23230/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 13

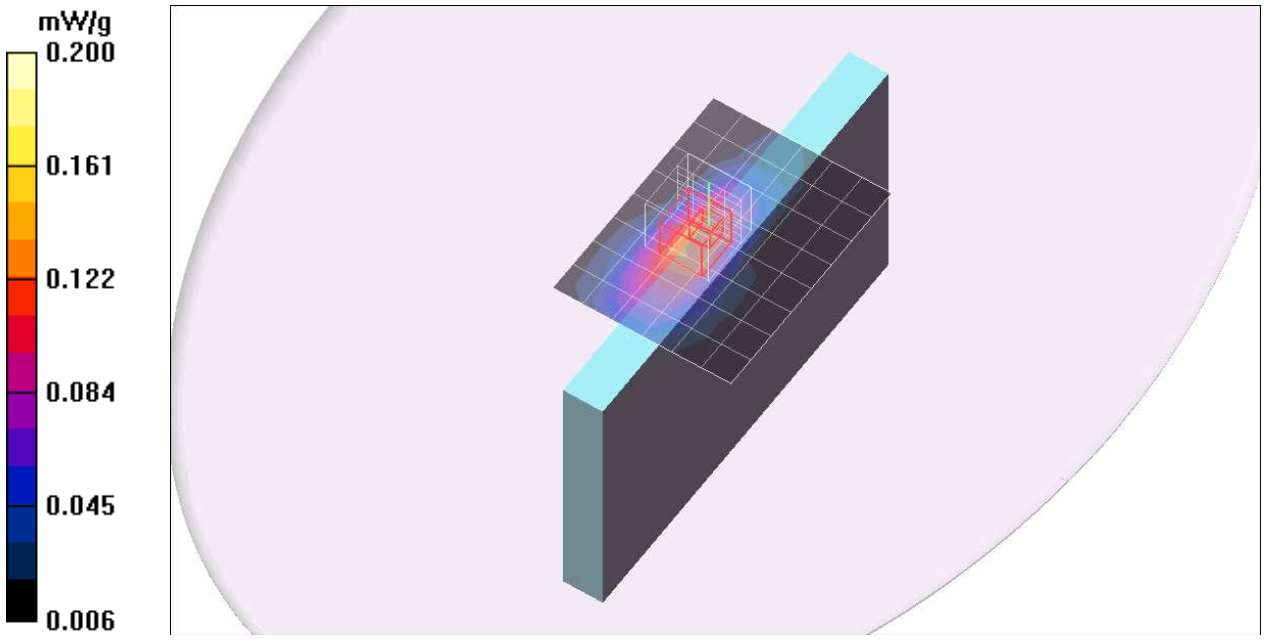
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 782.5 MHz; σ = 0.987 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 13/QPSK_BW 10_RB 25,12/CH23230/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.128 mW/g

Edge2/LTE Band 13/QPSK_BW 10_RB 25,12/CH23230/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.220 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 13

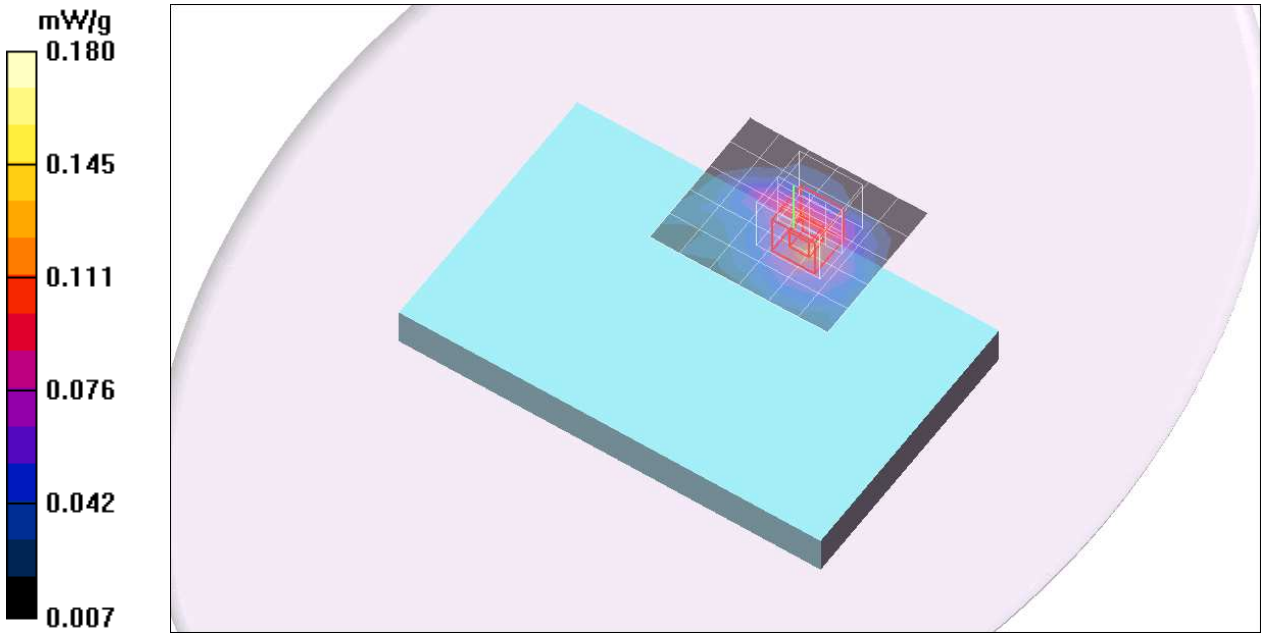
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 782.5 MHz; σ = 0.987 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 13/QPSK_BW 10_RB 1,24/CH23230/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.120 mW/g

Rear Side/LTE Band 13/QPSK_BW 10_RB 1,24/CH23230/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.87 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 13

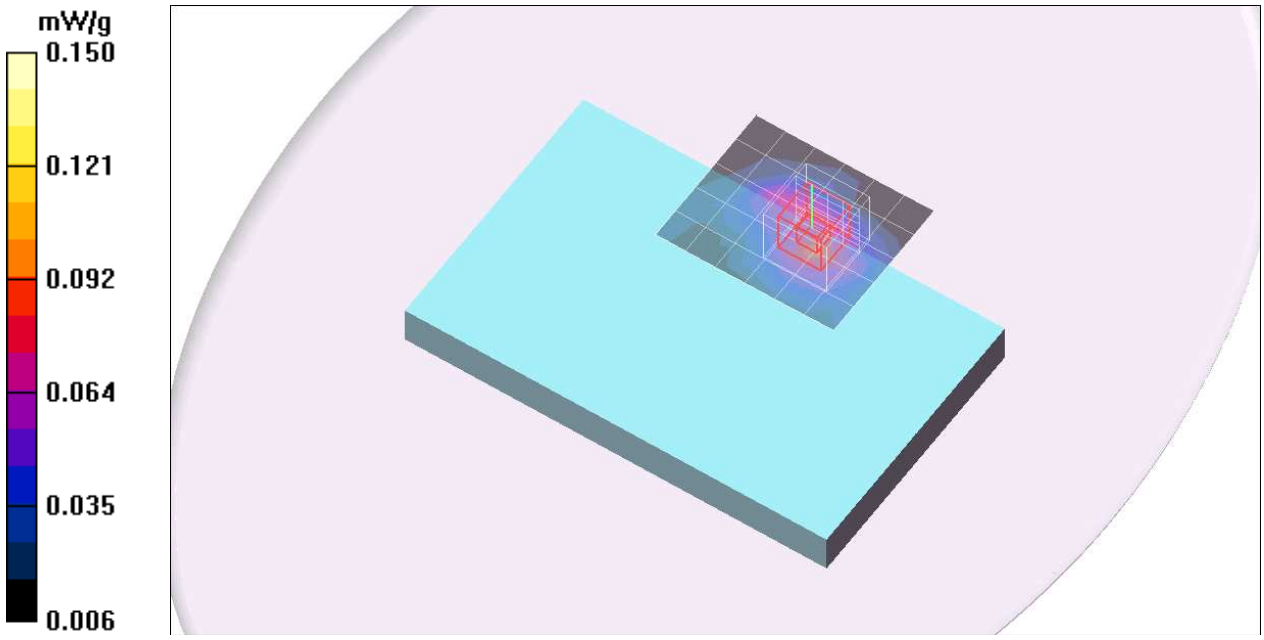
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 782.5 MHz; σ = 0.987 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 13/QPSK_BW 10_RB 25,12/CH23230/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.094 mW/g

Rear Side/LTE Band 13/QPSK_BW 10_RB 25,12/CH23230/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.53 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.108 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 17

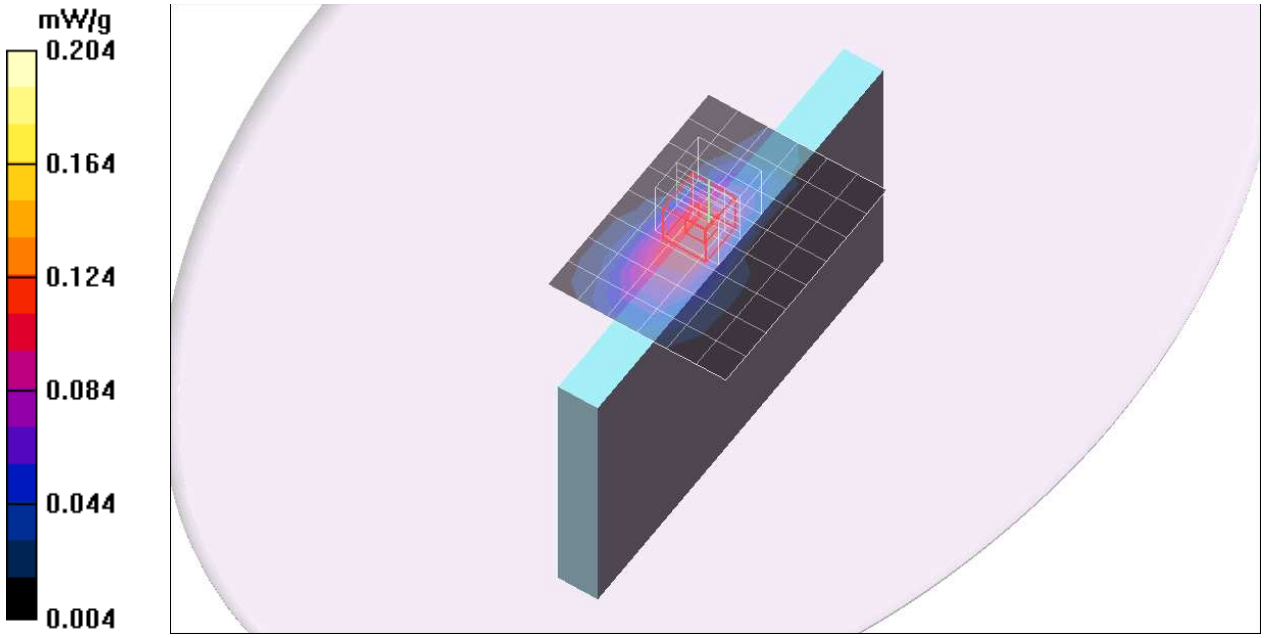
Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 710 MHz; σ = 0.918 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 17/QPSK_BW 10_RB 1,24/CH23790/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.113 mW/g

Edge2/LTE Band 17/QPSK_BW 10_RB 1,24/CH23790/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.071 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.204 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 17

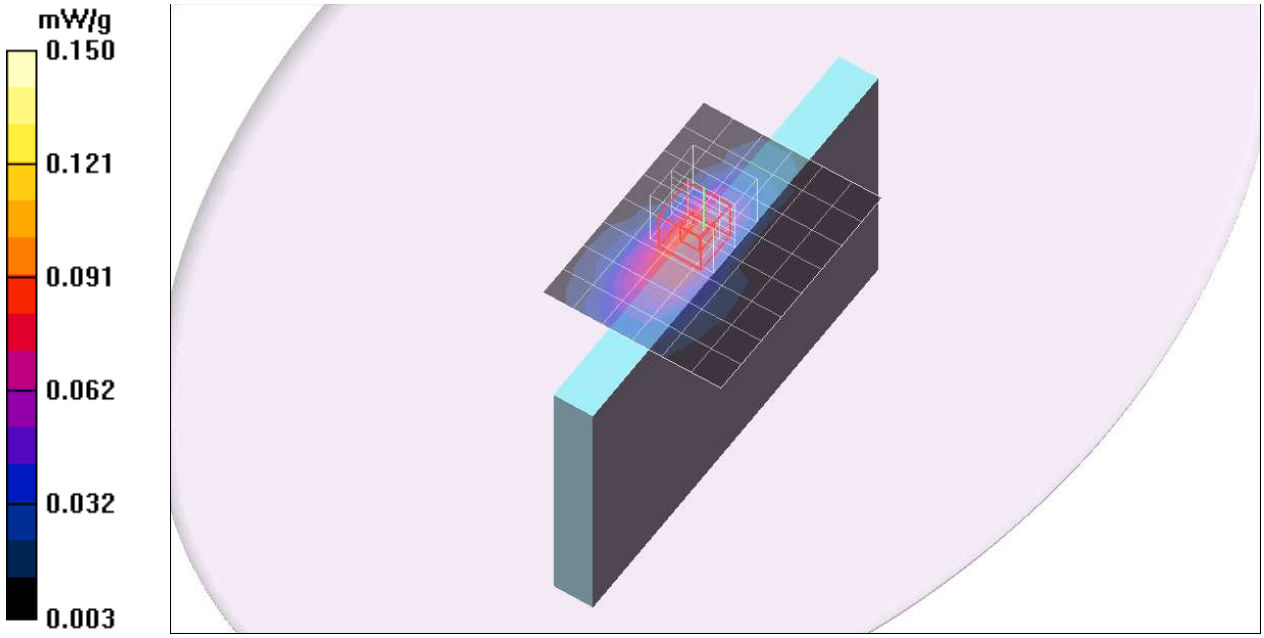
Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 710 MHz; σ = 0.918 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 17/QPSK_BW 10_RB 25,0/CH23790/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.090 mW/g

Edge2/LTE Band 17/QPSK_BW 10_RB 25,0/CH23790/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = -0.127 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.054 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.157 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 17

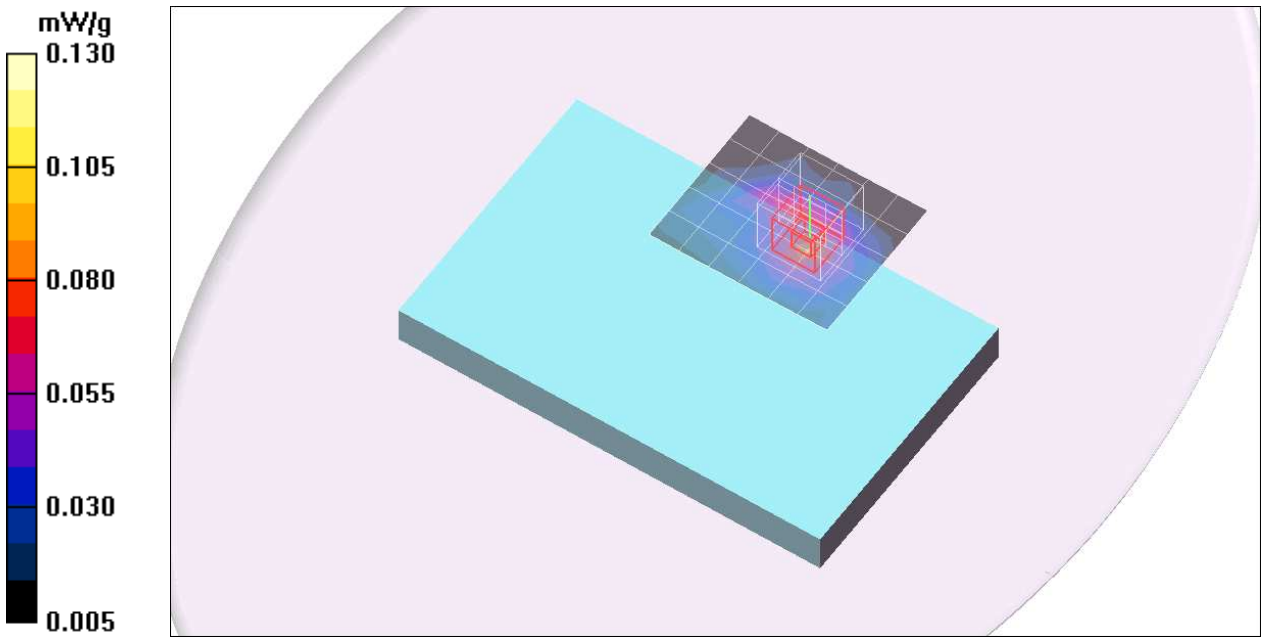
Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 710 MHz; σ = 0.918 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 17/QPSK_BW 10_RB 1,24/CH23790/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.084 mW/g

Rear Side/LTE Band 17/QPSK_BW 10_RB 1,24/CH23790/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.23 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.042 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.094 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/16/2014

LTE Band 17

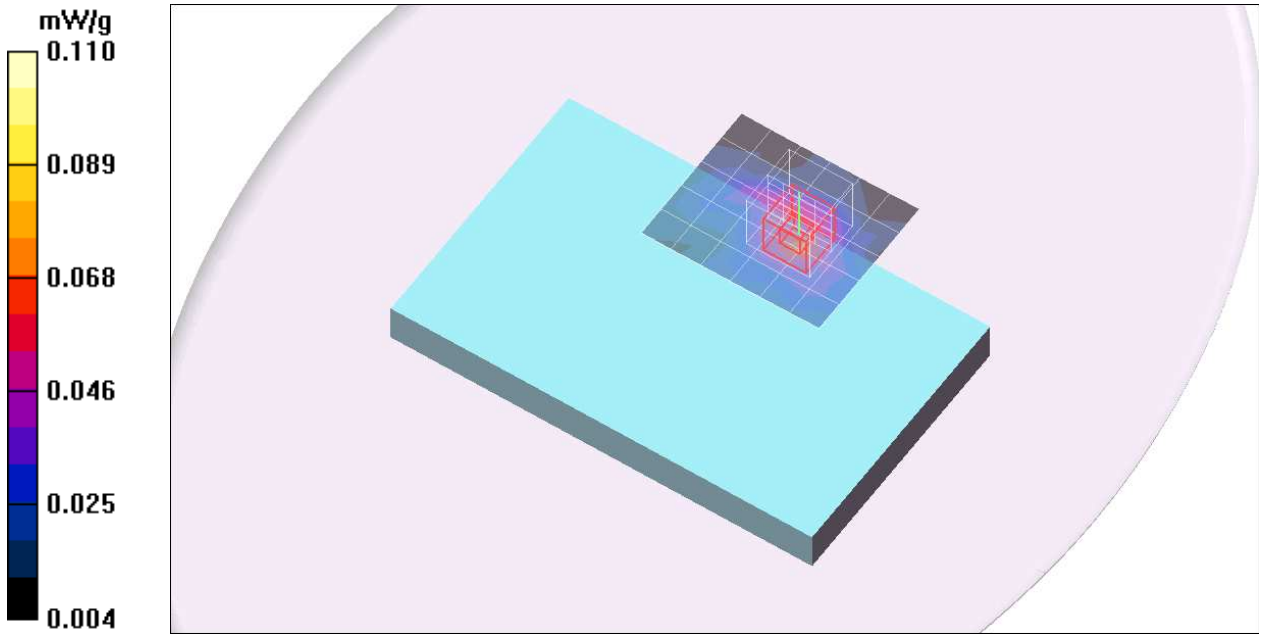
Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 710 MHz; σ = 0.918 mho/m; ε_r = 57.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(9.44, 9.44, 9.44); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 17/QPSK_BW 10_RB 25,0/CH23790/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.069 mW/g

Rear Side/LTE Band 17/QPSK_BW 10_RB 25,0/CH23790/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.89 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.036 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.073 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

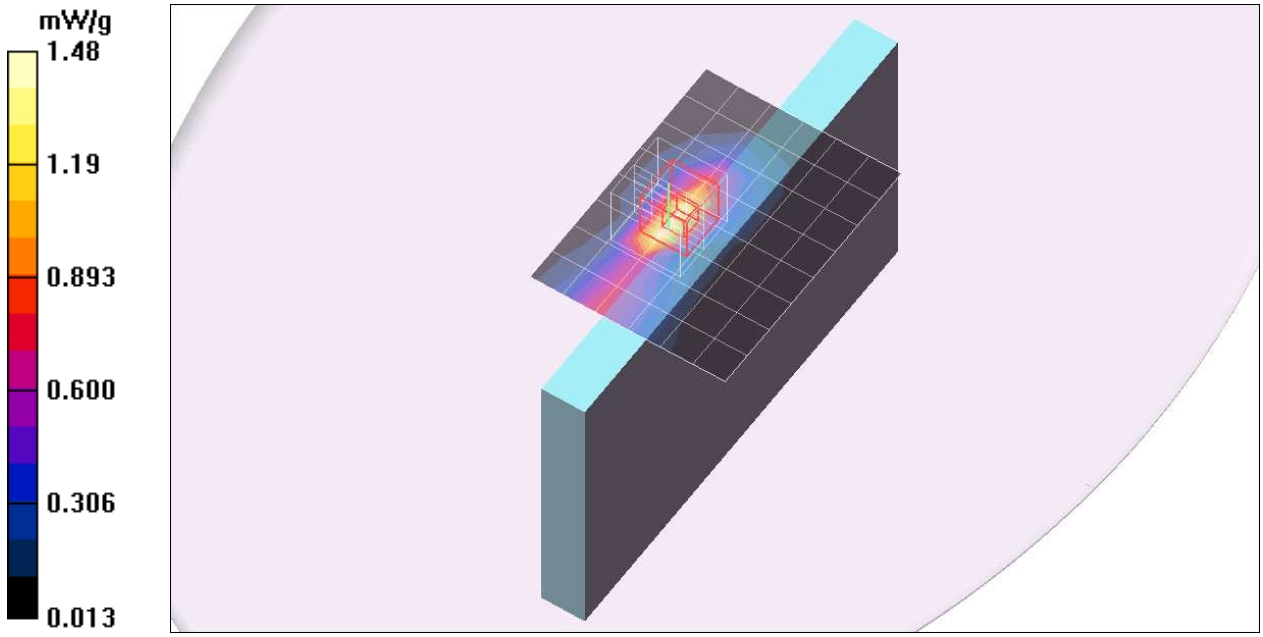
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.50 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.487 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.48 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

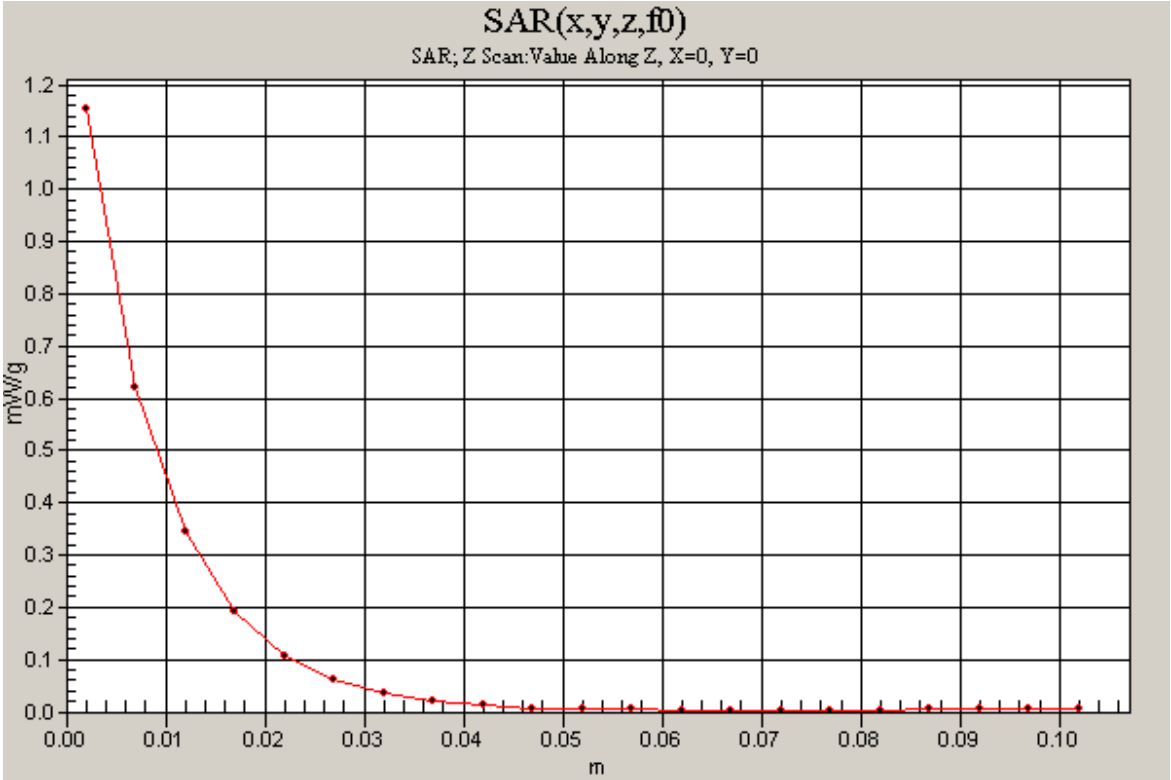
LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

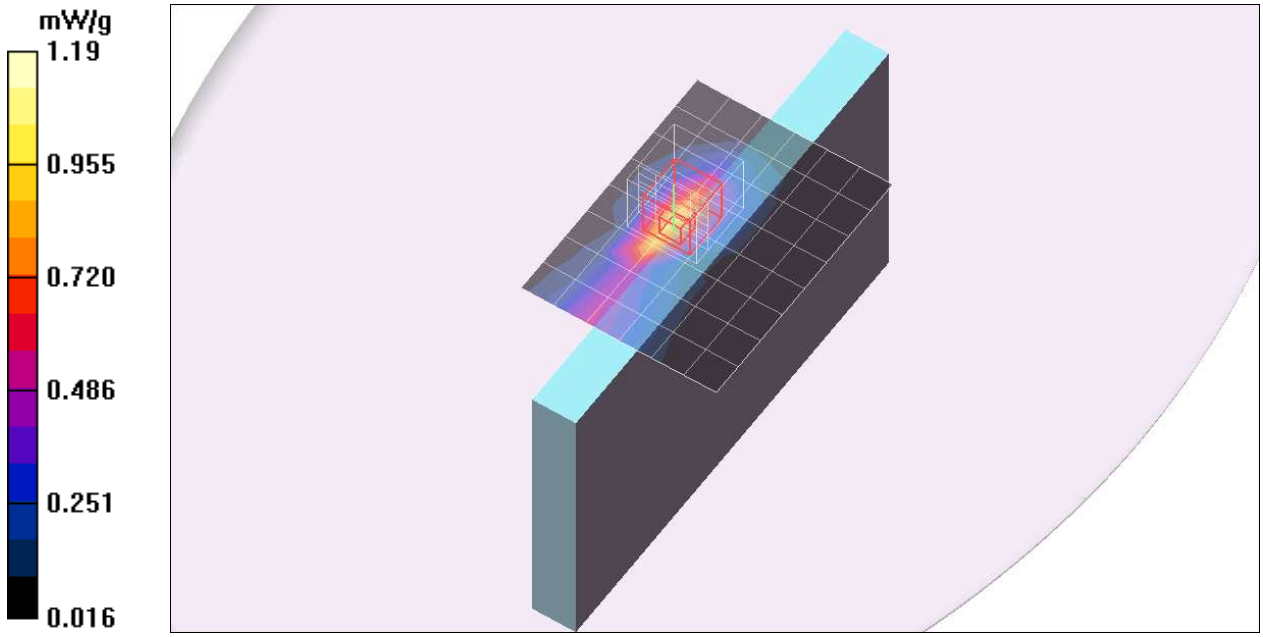
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,49/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.03 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,49/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.418 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

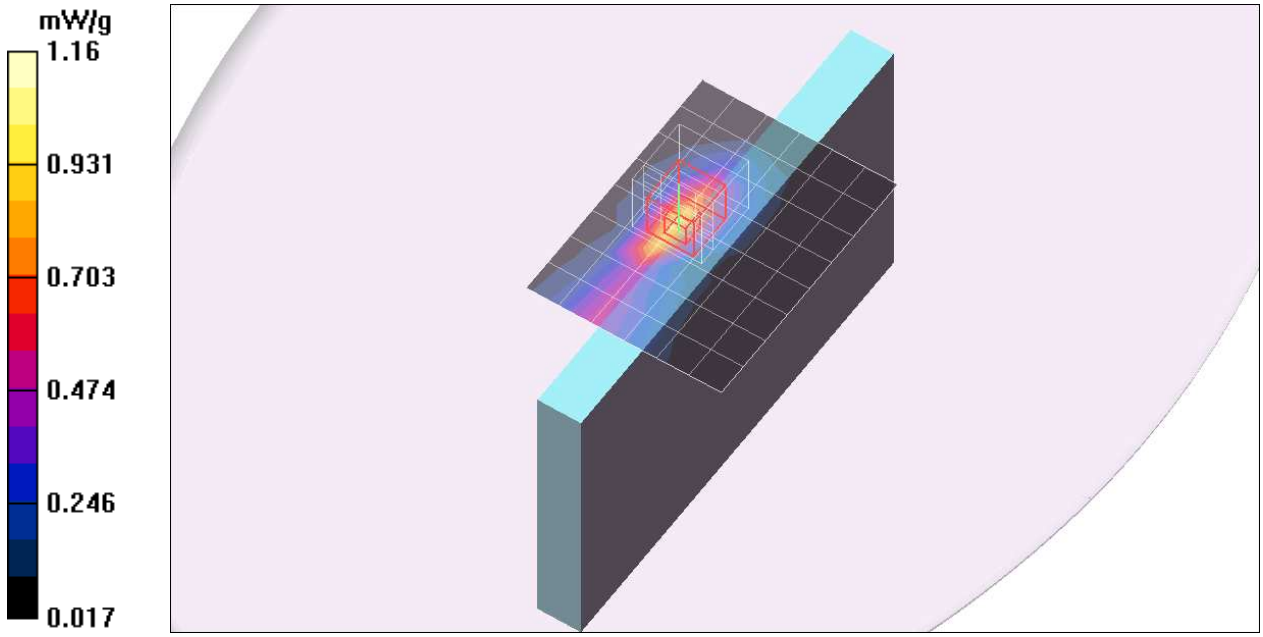
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,99/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.989 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,99/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.2 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.408 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

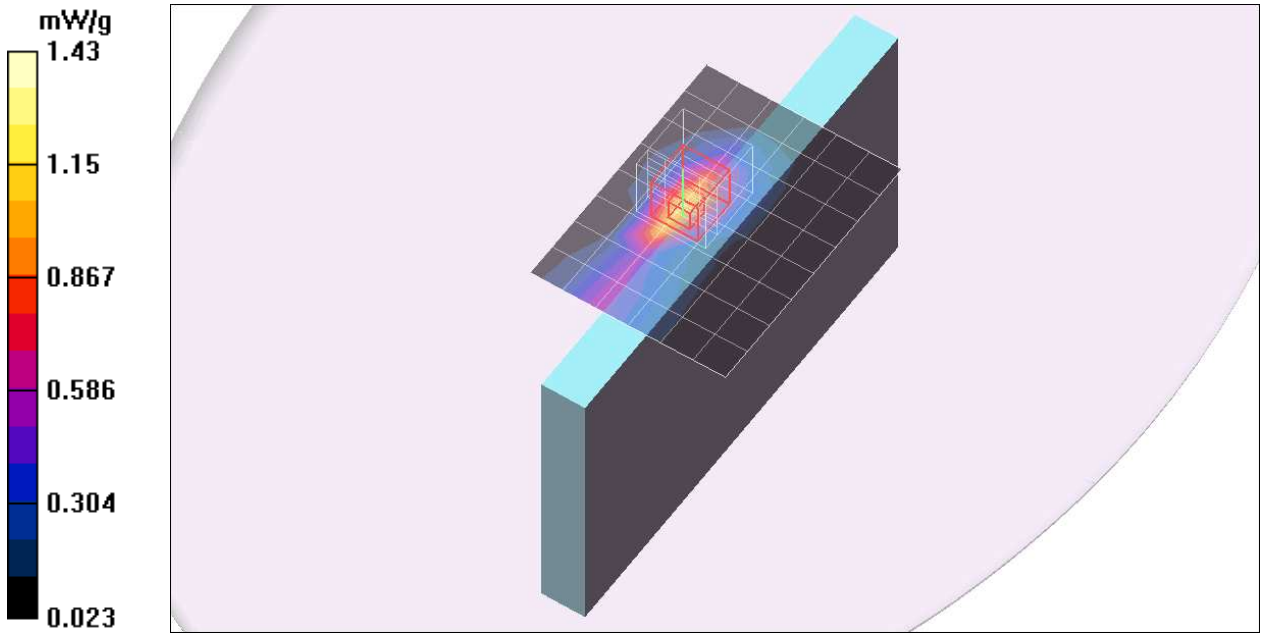
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26140/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.24 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26140/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.513 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.43 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

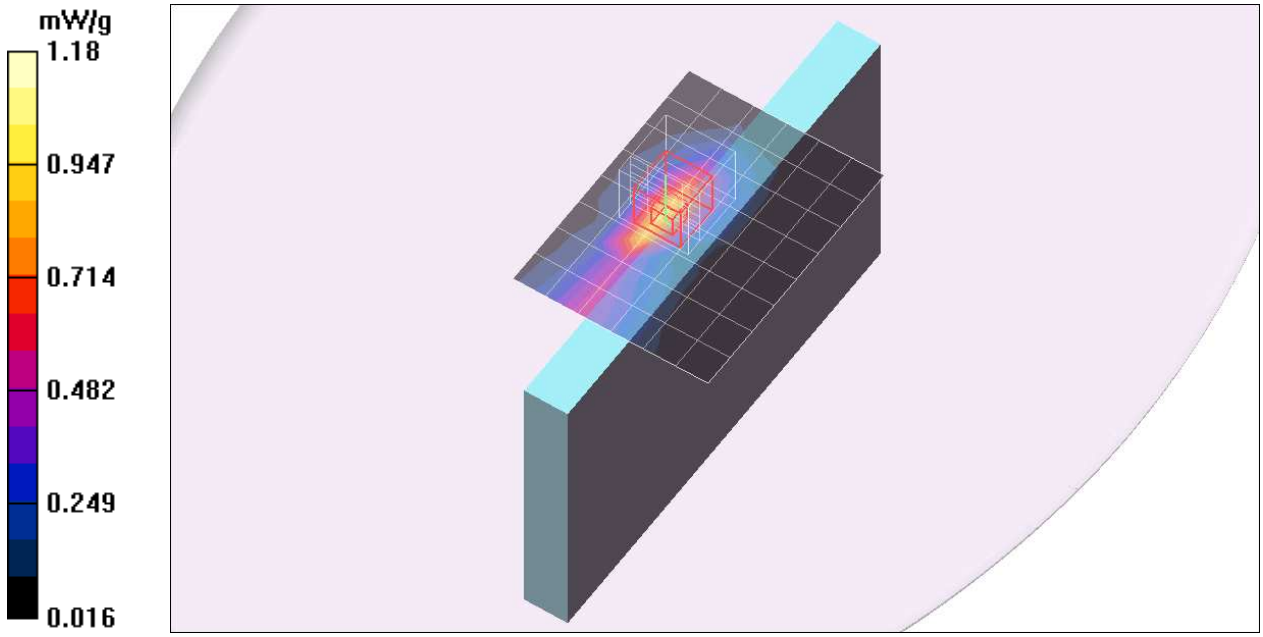
Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1905 MHz; σ = 1.57 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26590/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.996 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26590/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.409 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

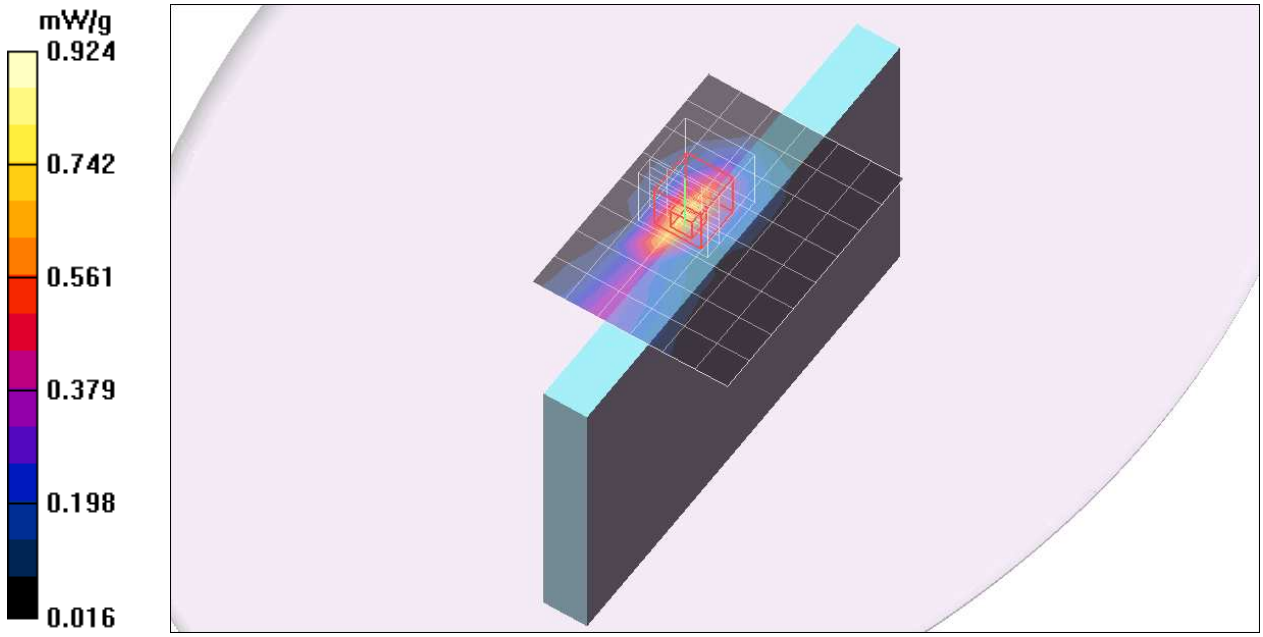
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.791 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.322 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.924 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

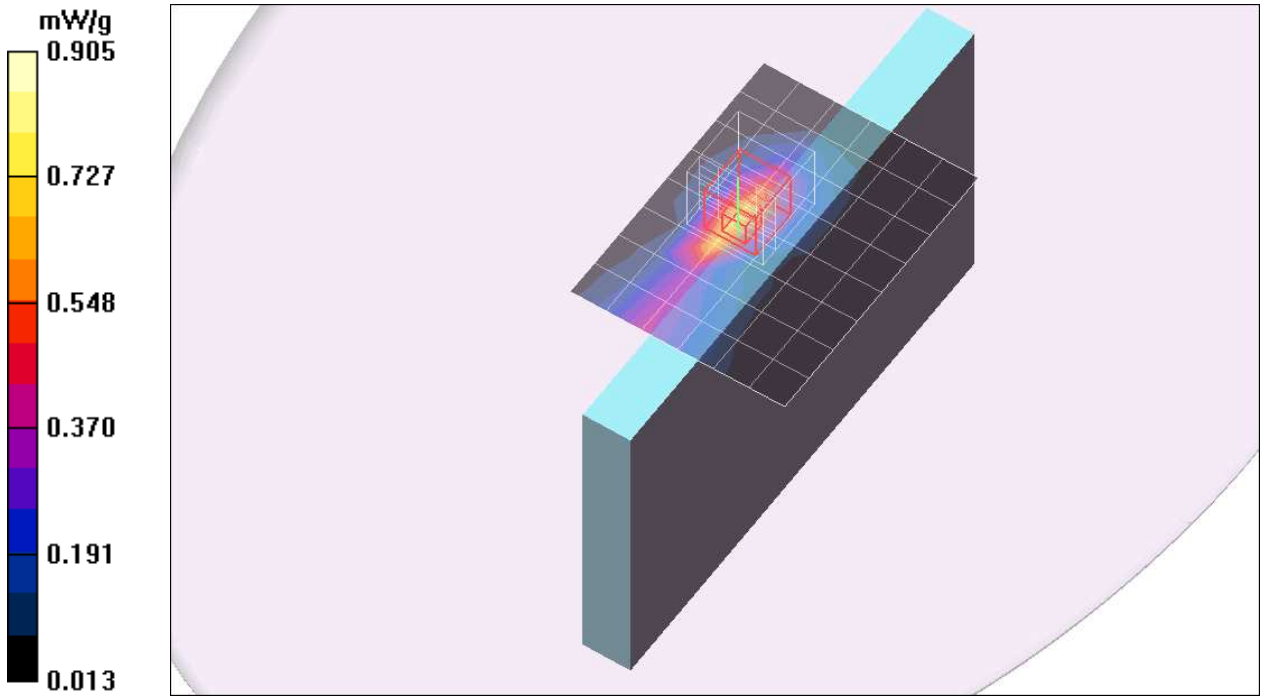
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 50,24/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.766 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 50,24/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.312 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.905 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

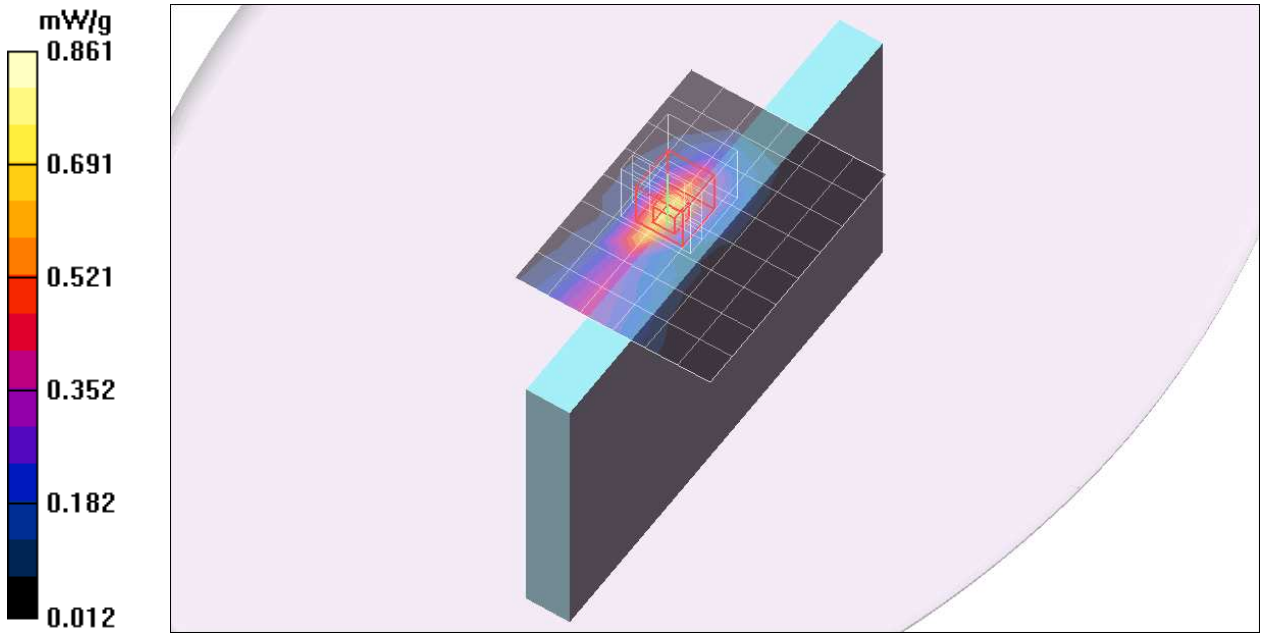
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 50,49/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.751 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 50,49/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.5 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.303 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.861 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

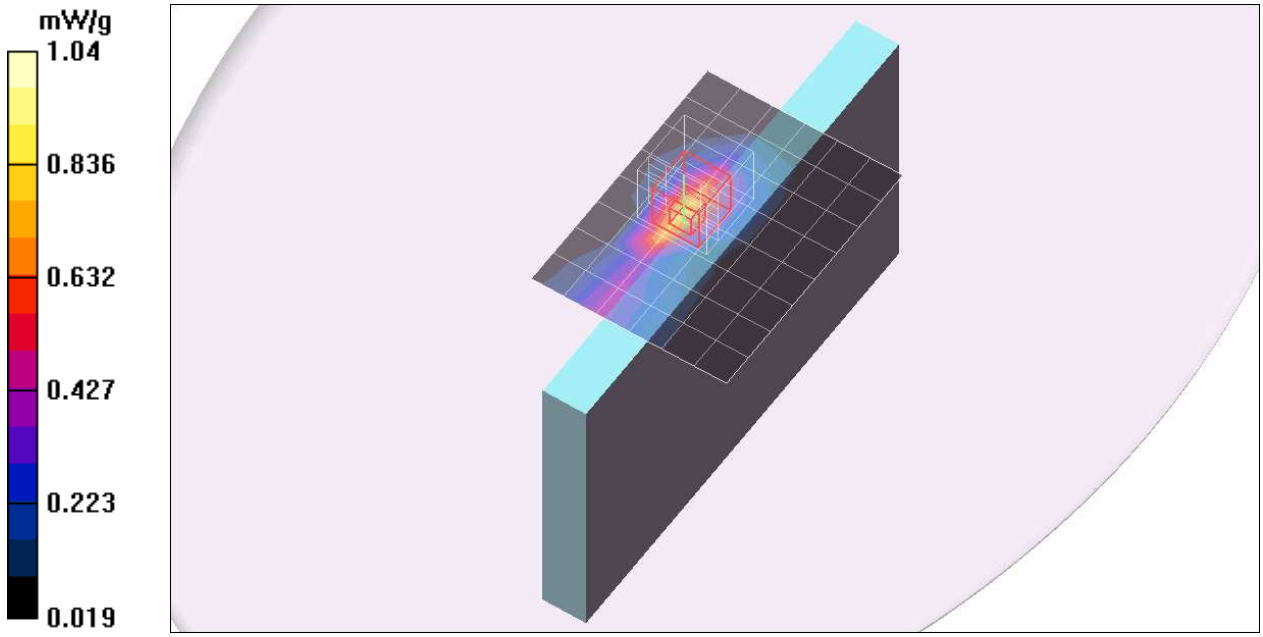
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26140/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.888 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26140/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.368 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

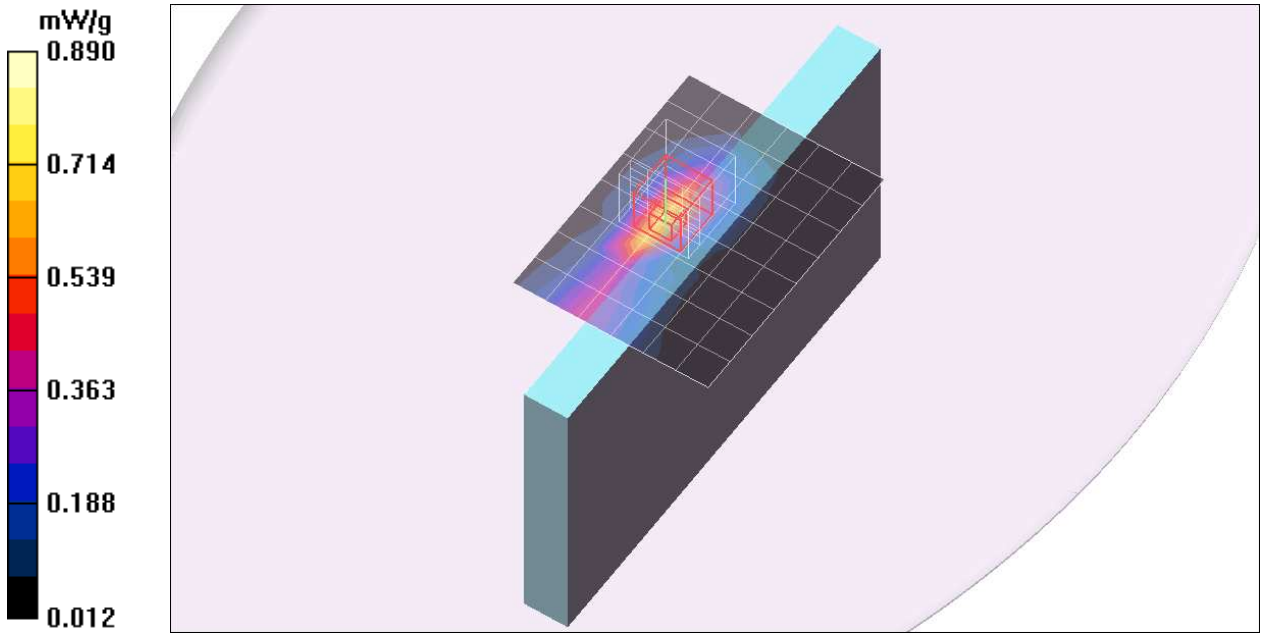
Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1905 MHz; σ = 1.57 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26590/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.739 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 50,0/CH26590/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.307 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.890 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

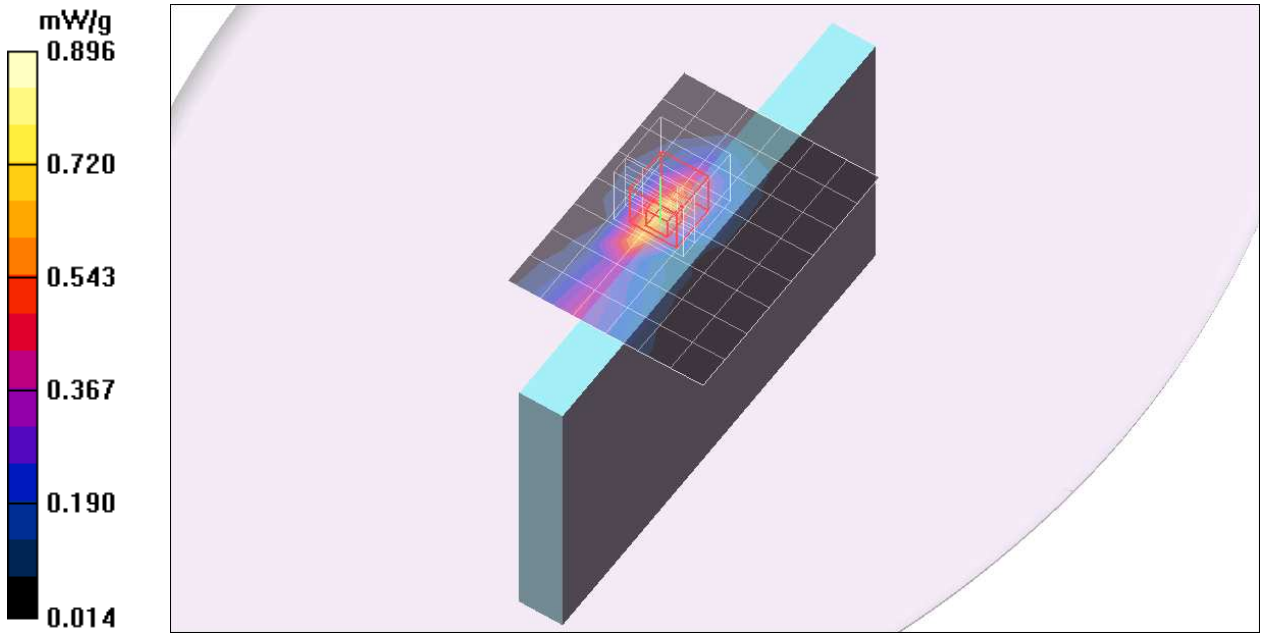
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 100,0/CH26365/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.758 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 100,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.312 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.896 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

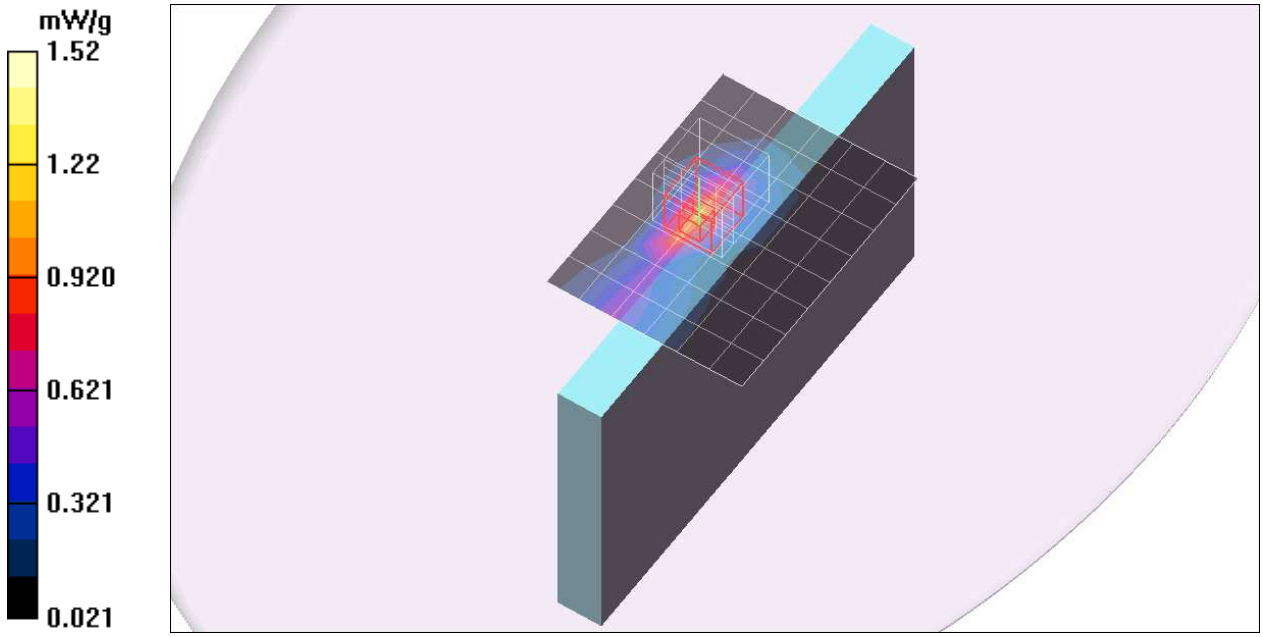
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365_Repeat/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 mW/g

Edge2/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365_Repeat/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.504 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

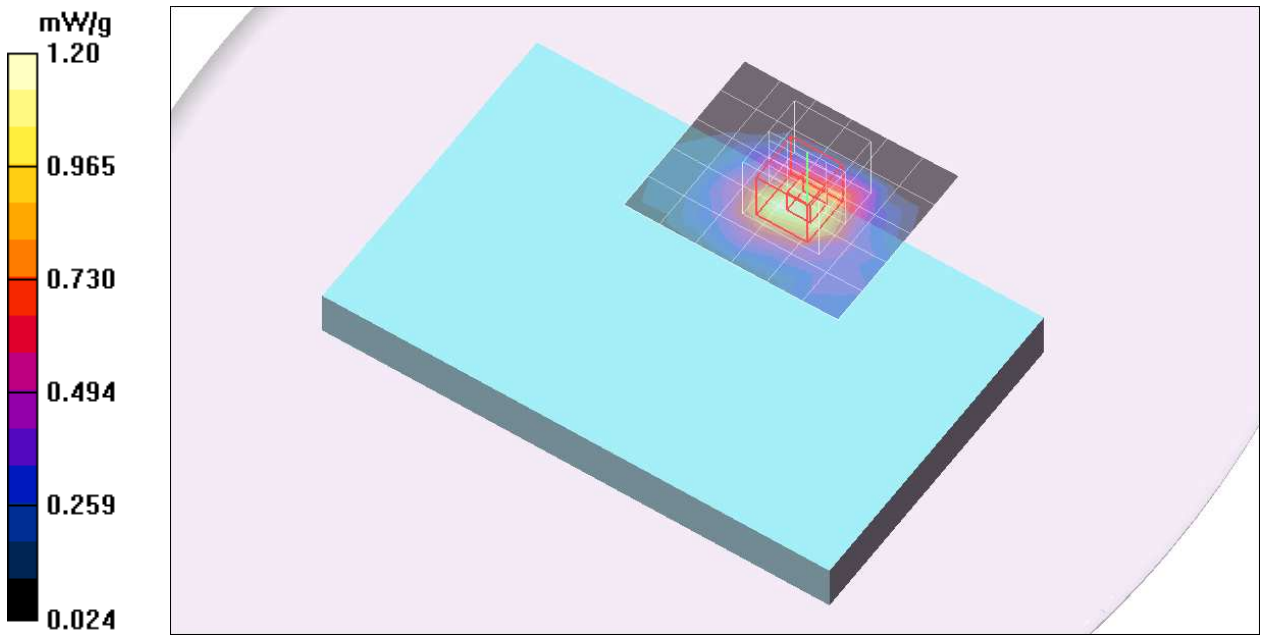
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.453 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

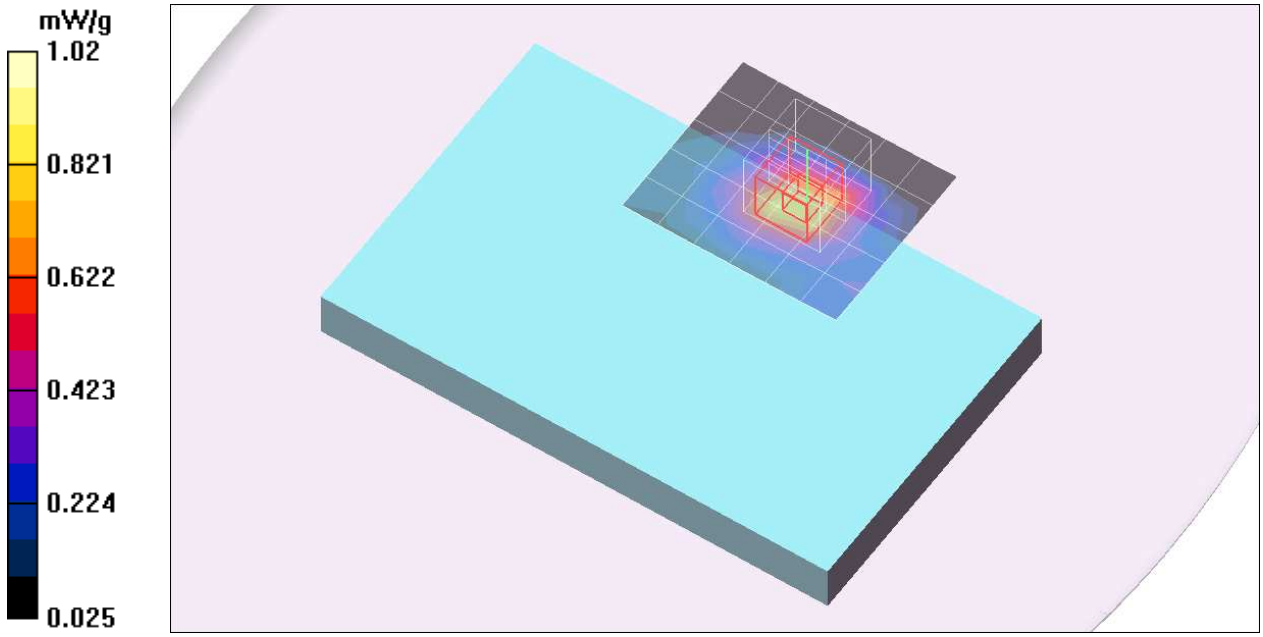
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,49/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.837 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,49/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.76 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.422 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

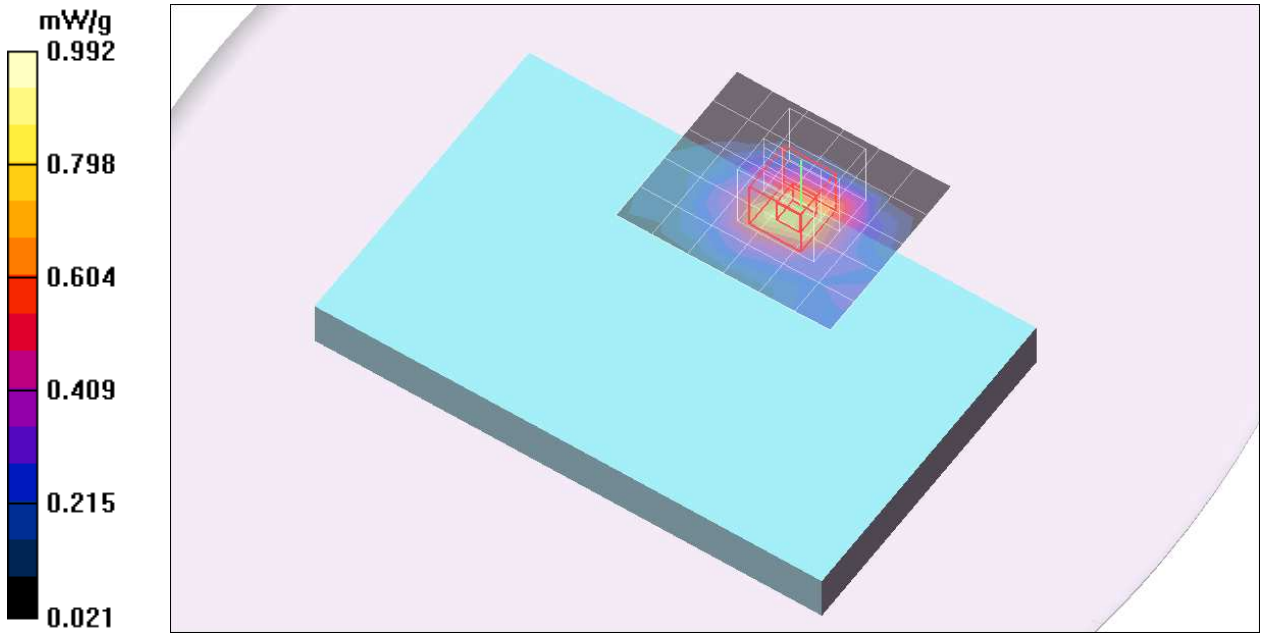
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,99/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.807 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,99/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.43 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.409 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.992 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

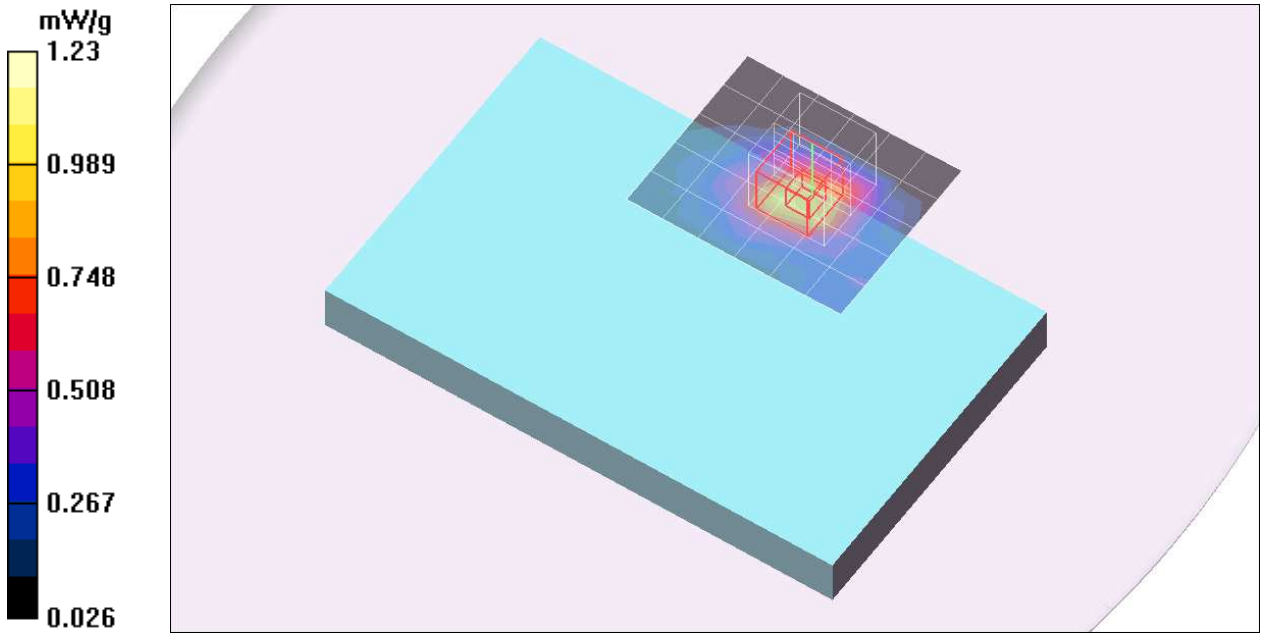
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26140/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26140/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.525 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

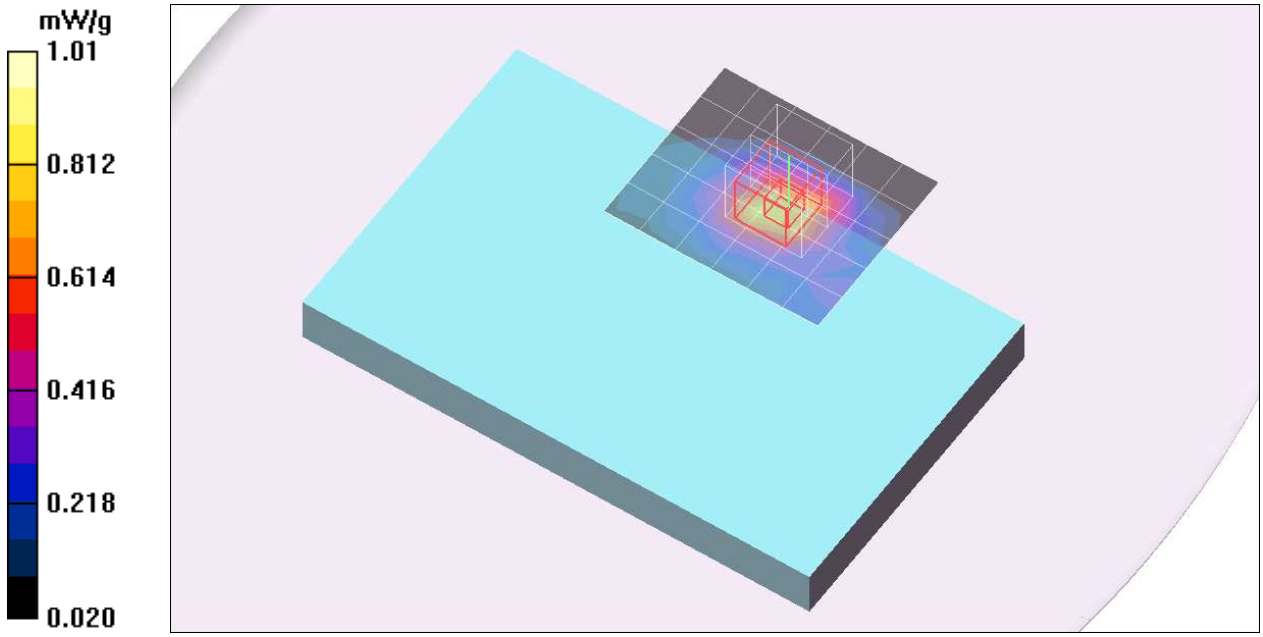
Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1905 MHz; σ = 1.57 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26590/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.824 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 1,0/CH26590/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.43 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.417 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

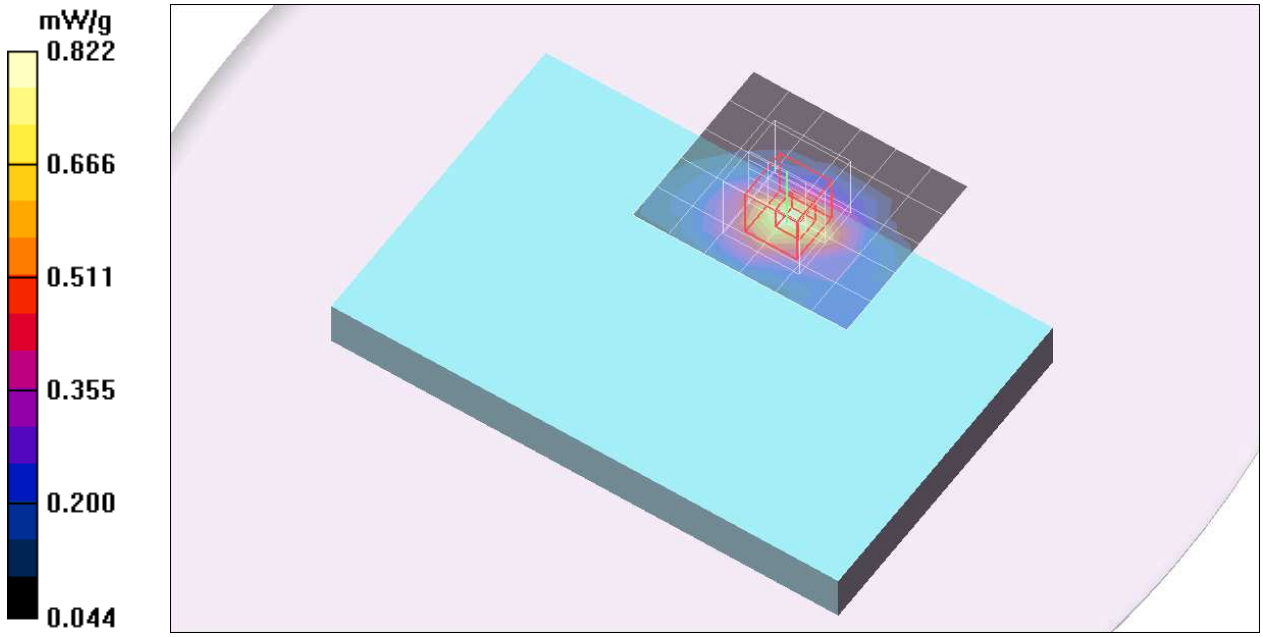
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.829 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.92 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.367 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.822 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

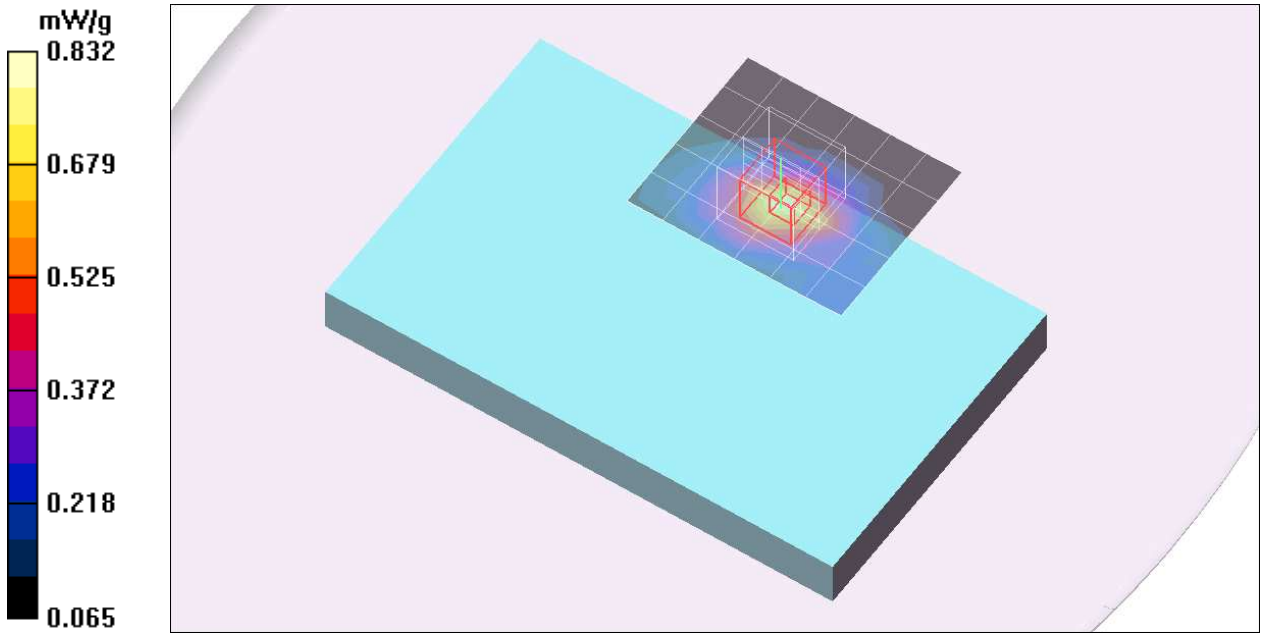
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,24/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.824 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,24/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.378 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.832 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

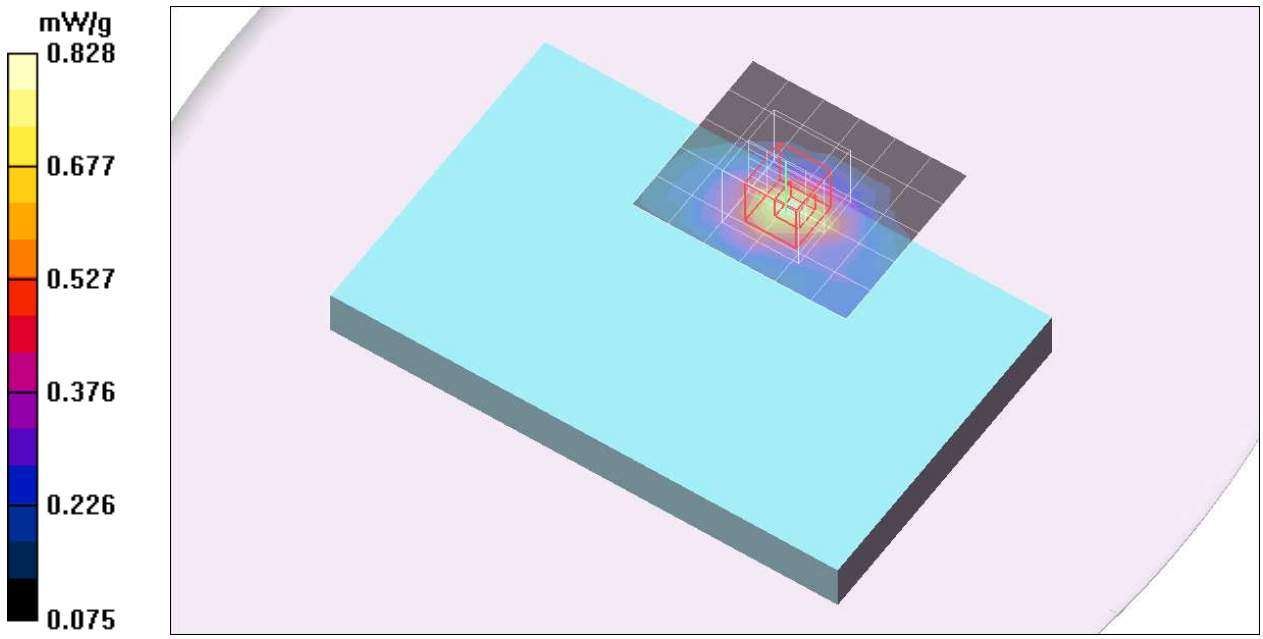
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,49/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.828 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,49/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.62 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.380 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

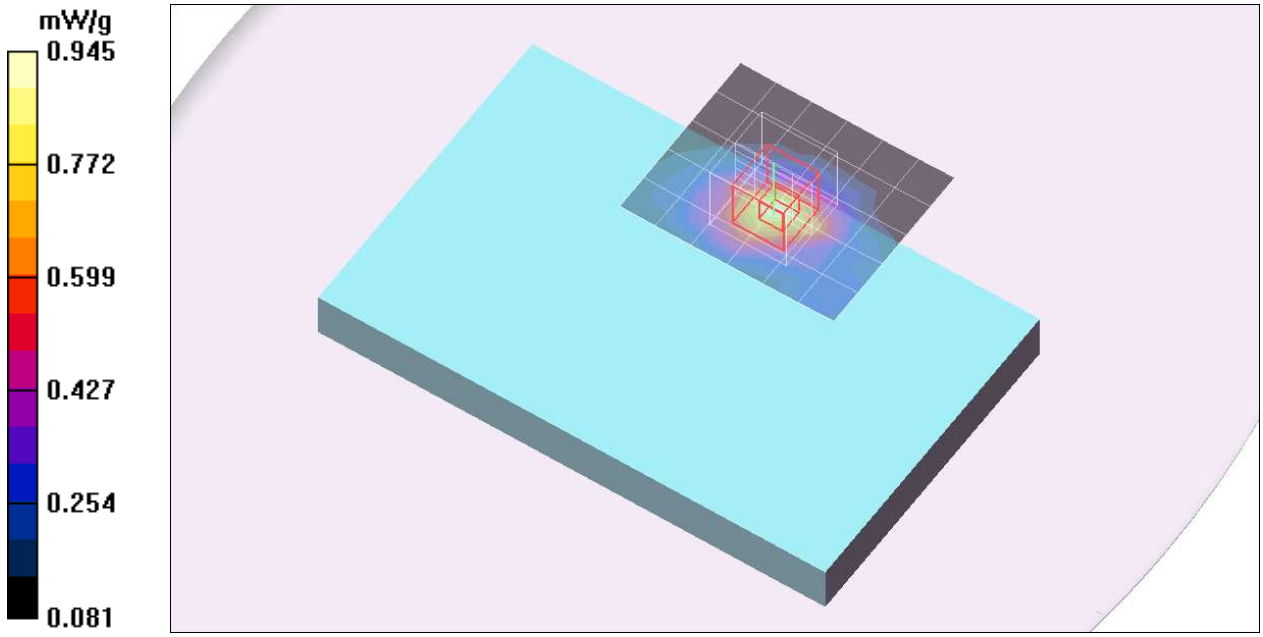
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1860 MHz; σ = 1.52 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26140/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.943 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26140/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.436 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.945 mW/g



Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

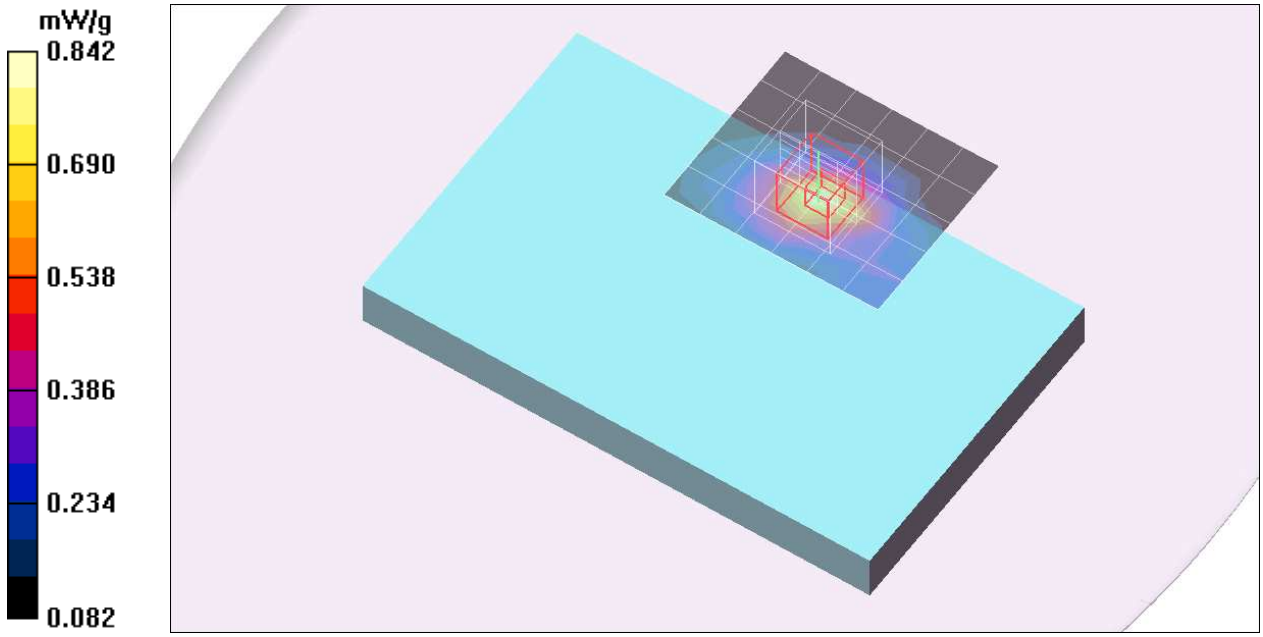
Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1905 MHz; σ = 1.57 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26590/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.837 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 50,0/CH26590/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.65 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.389 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.842 mW/g



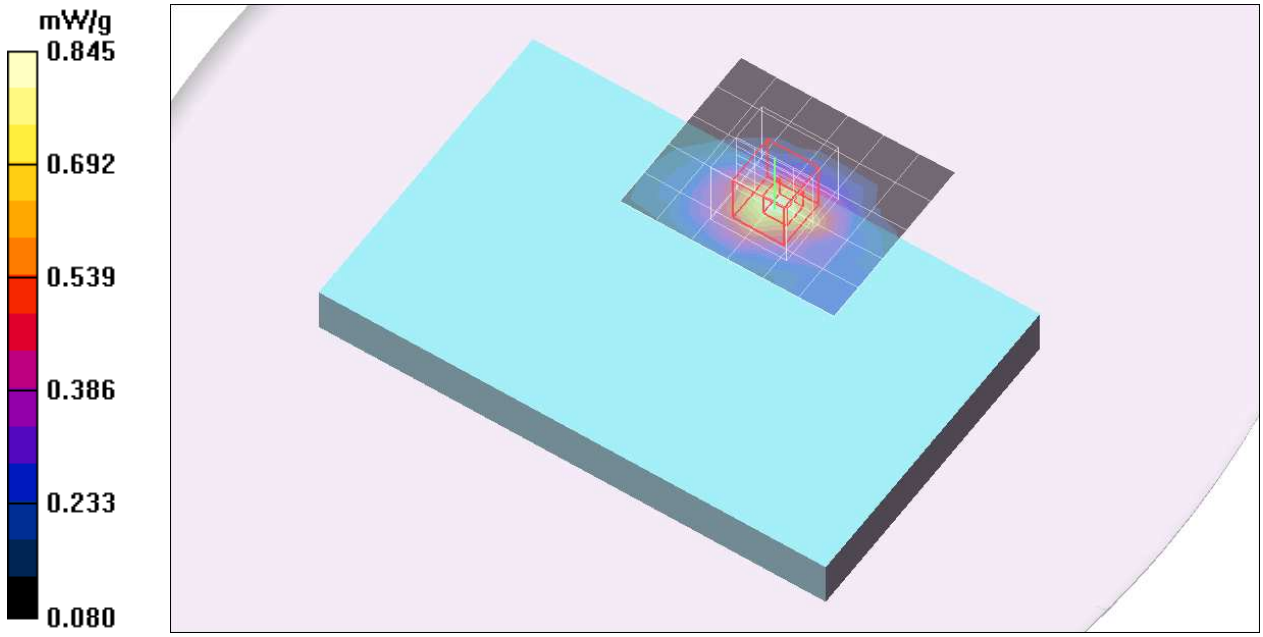
Test Laboratory: Compliance Certification Service Inc. SAR Lab 02 Date/Time: 9/14/2014

LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.55 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ;
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/22/2014
- Probe: EX3DV4 - SN3979; ConvF(7.71, 7.71, 7.71); Calibrated: 3/4/2014
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear Side/LTE Band 25/QPSK_BW 20_RB 100,0/CH26365/Area Scan (7x6x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.858 mW/g

Rear Side/LTE Band 25/QPSK_BW 20_RB 100,0/CH26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.93 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.392 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.845 mW/g