20140908_SystemPerformanceCheck-D2450V2-SN706

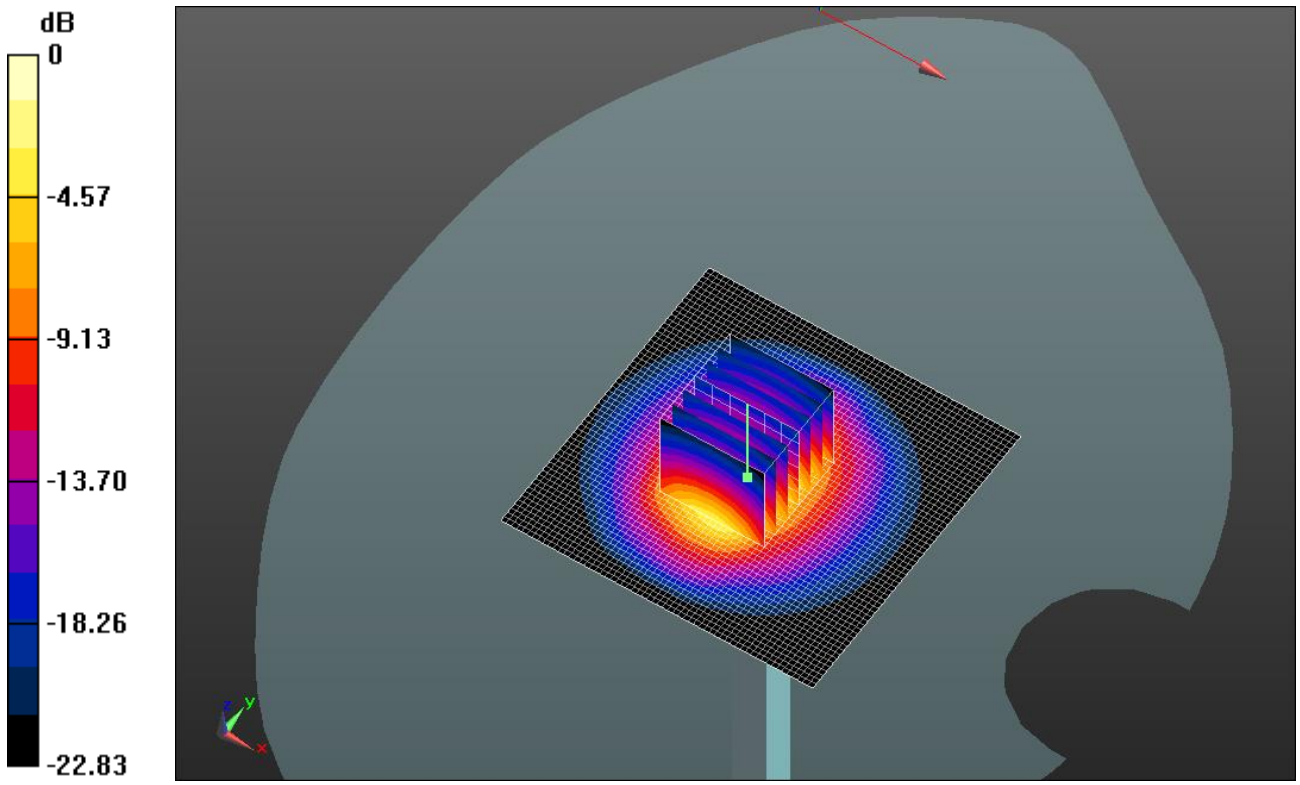
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2450 MHz; σ = 1.872 S/m; ε_r = 39.494; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3749; ConvF(6.6, 6.6, 6.6); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 61.938 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.12 W/kg
Maximum value of SAR (interpolated) = 7.00 W/kg

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

Reference Value = 61.938 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 10.5 W/kg
SAR(1 g) = 4.95 W/kg; SAR(10 g) = 2.26 W/kg
Maximum value of SAR (measured) = 7.11 W/kg



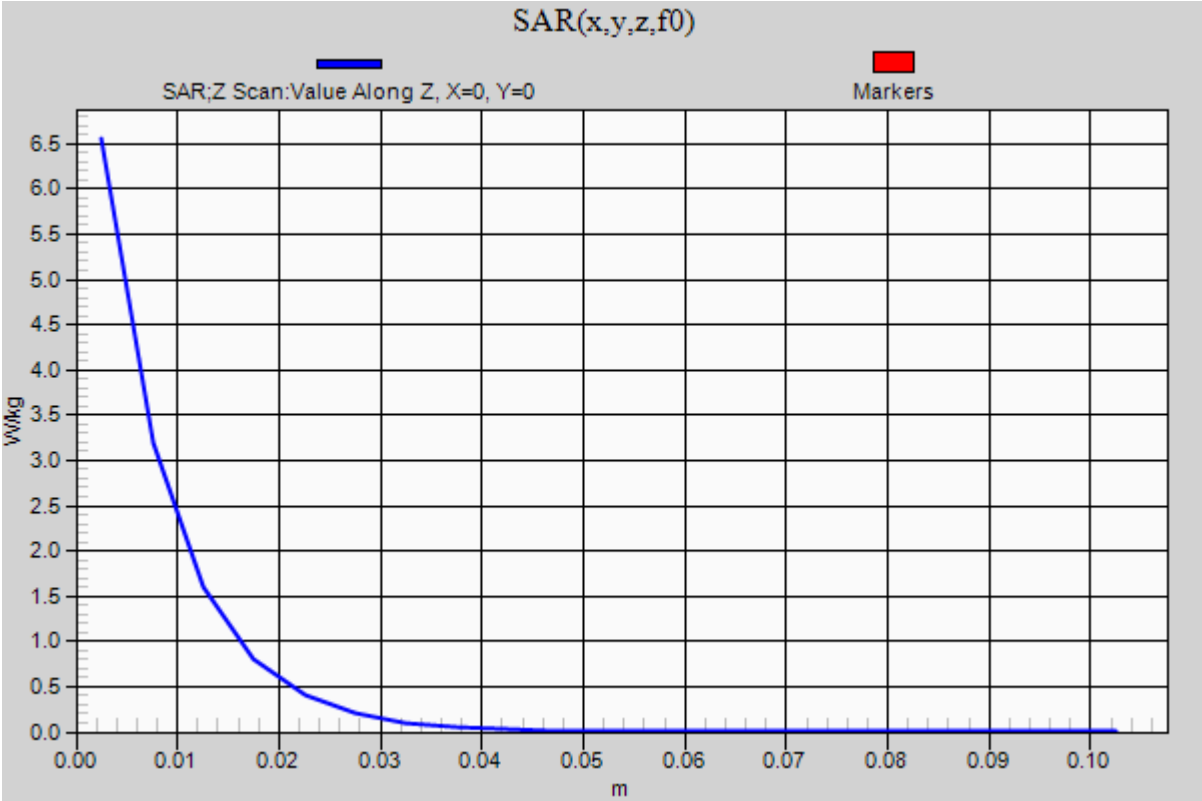
0 dB = 7.11 W/kg = 8.52 dBW/kg

20140908_SystemPerformanceCheck-D2450V2-SN706

Frequency: 2450 MHz; Duty Cycle: 1:1

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

Maximum value of SAR (measured) = 6.55 W/kg



20140908_SystemPerformanceCheck-D835V2 SN 4d117

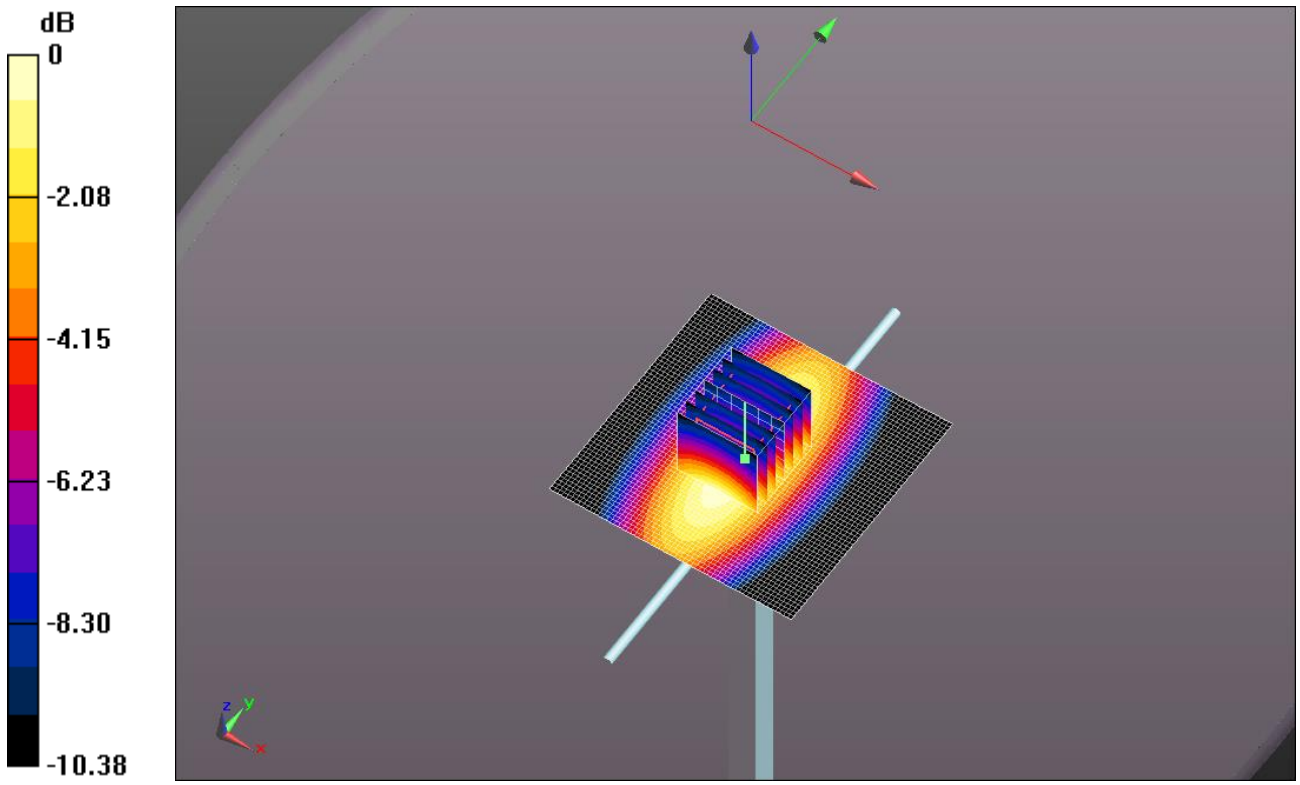
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835 MHz; σ = 1.018 S/m; ε_r = 53.182; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(8.54, 8.54, 8.54); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 34.552 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.688 W/kg
Maximum value of SAR (interpolated) = 1.22 W/kg

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

Reference Value = 34.552 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.660 W/kg
Maximum value of SAR (measured) = 1.22 W/kg

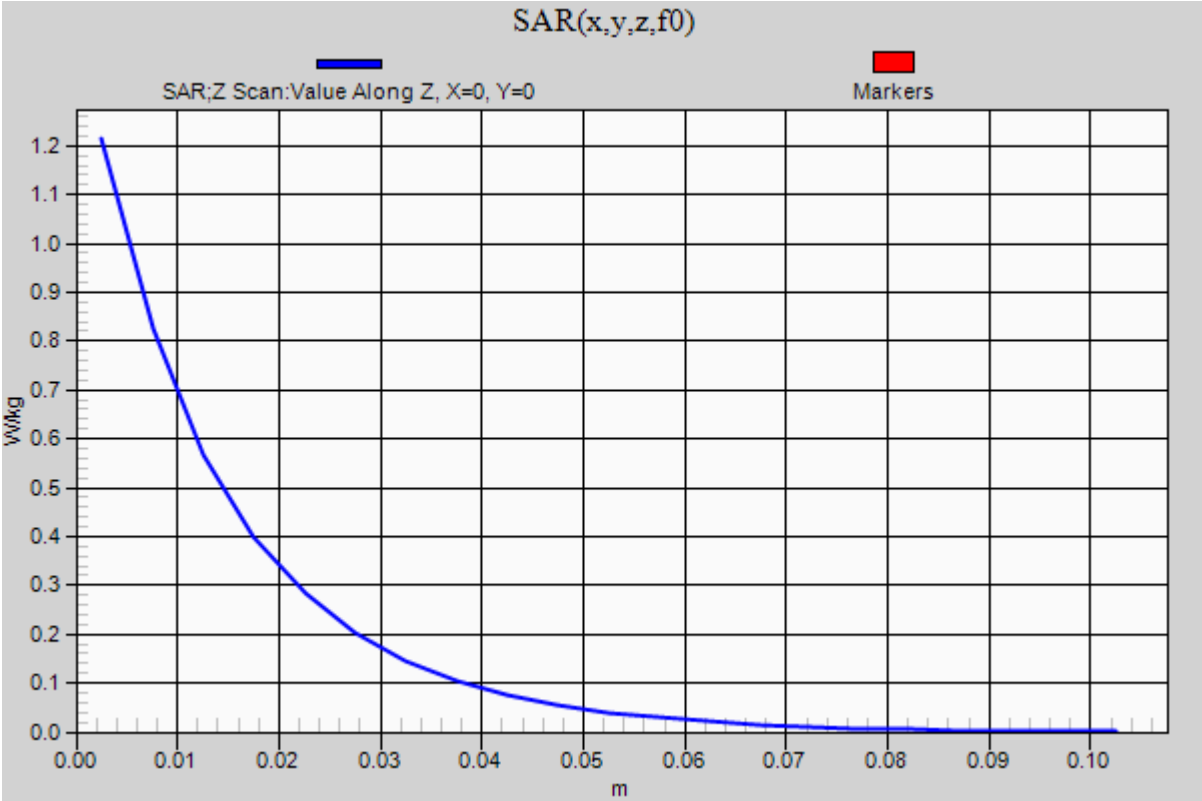


0 dB = 1.22 W/kg = 0.86 dBW/kg

20140908_SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.21 W/kg



20140902_SystemPerformanceCheck-D835V2 SN 4d117

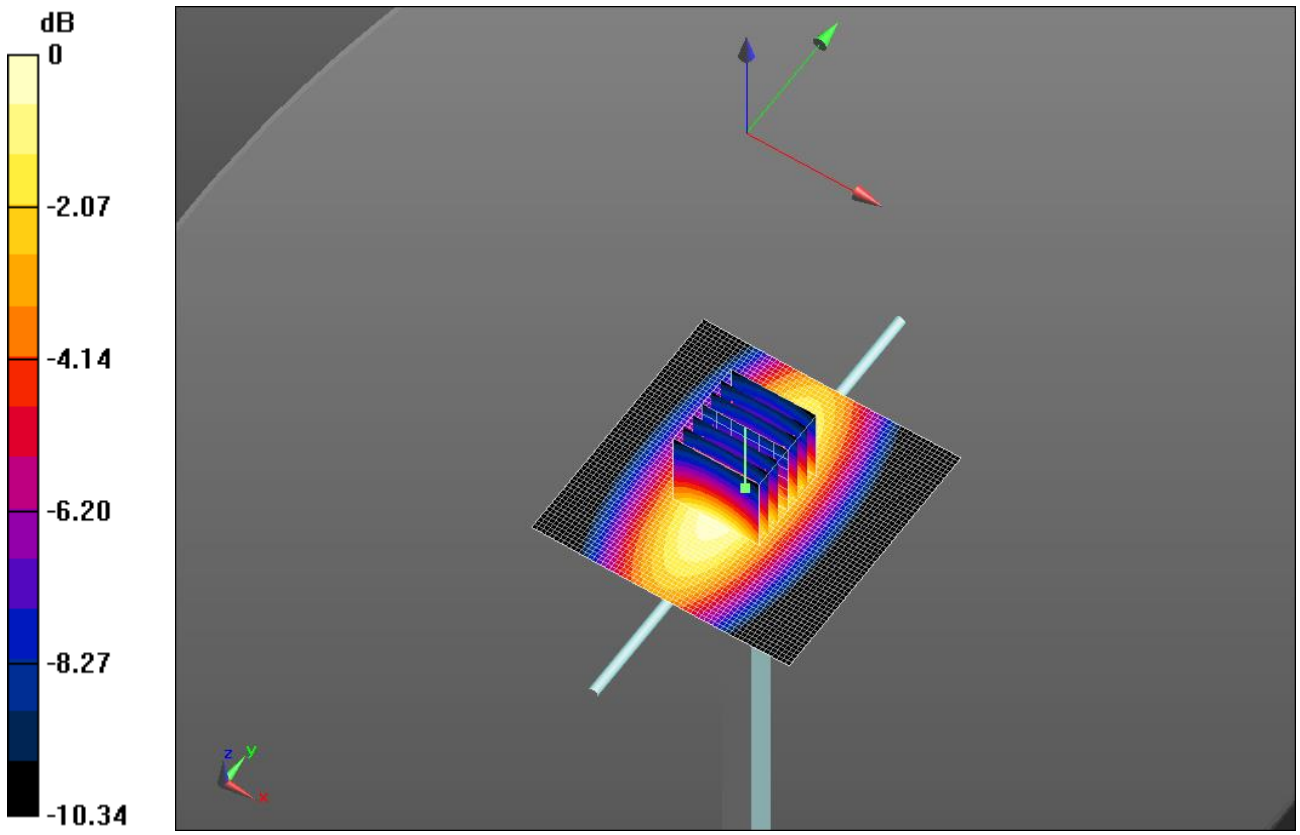
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835 MHz; σ = 1.004 S/m; ε_r = 53.997; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(9.96, 9.96, 9.96); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QDOVA001BB; Serial: 1121

Body/Pin=100 mW /Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 35.271 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.698 W/kg
Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 35.271 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.665 W/kg
Maximum value of SAR (measured) = 1.23 W/kg

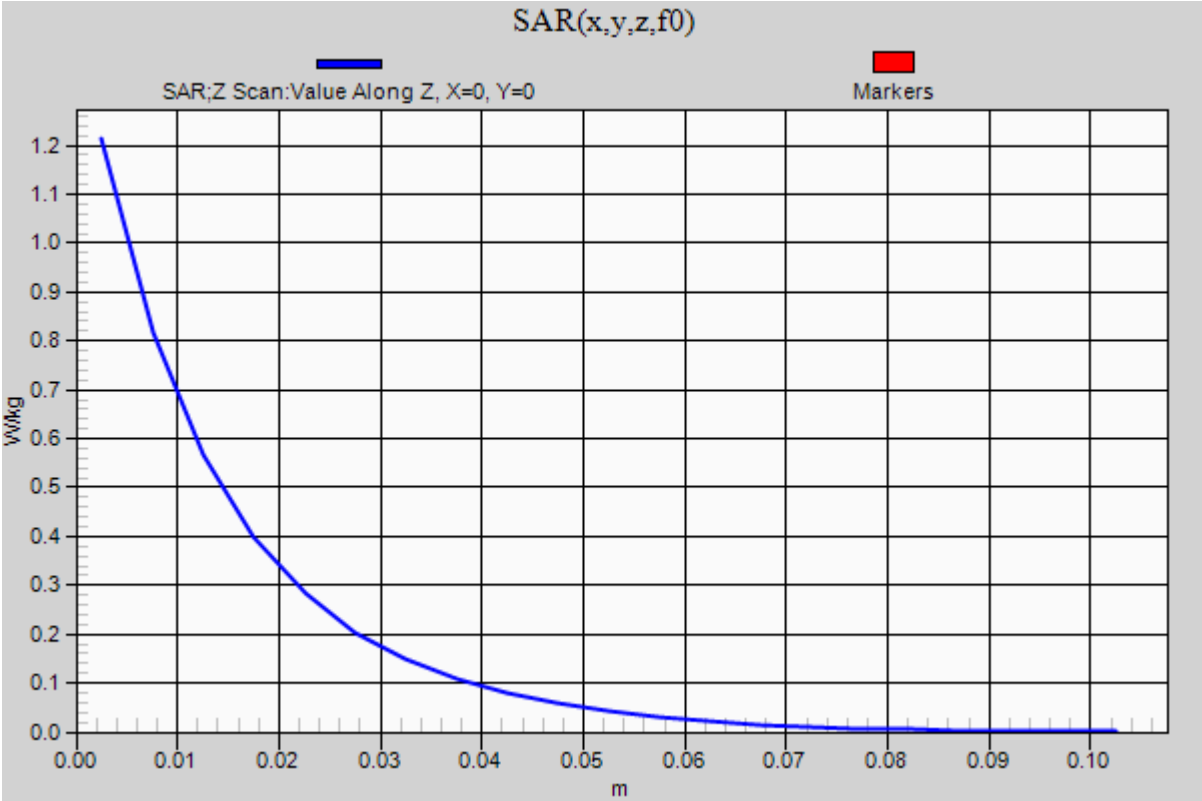


0 dB = 1.23 W/kg = 0.90 dBW/kg

20140902_SystemPerformanceCheck-D835V2 SN 4d117

Frequency: 835 MHz; Duty Cycle: 1:1

Body/Pin=100 mW 2 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.21 W/kg



20140902_SystemPerformanceCheck-1900MHz SN 5d140

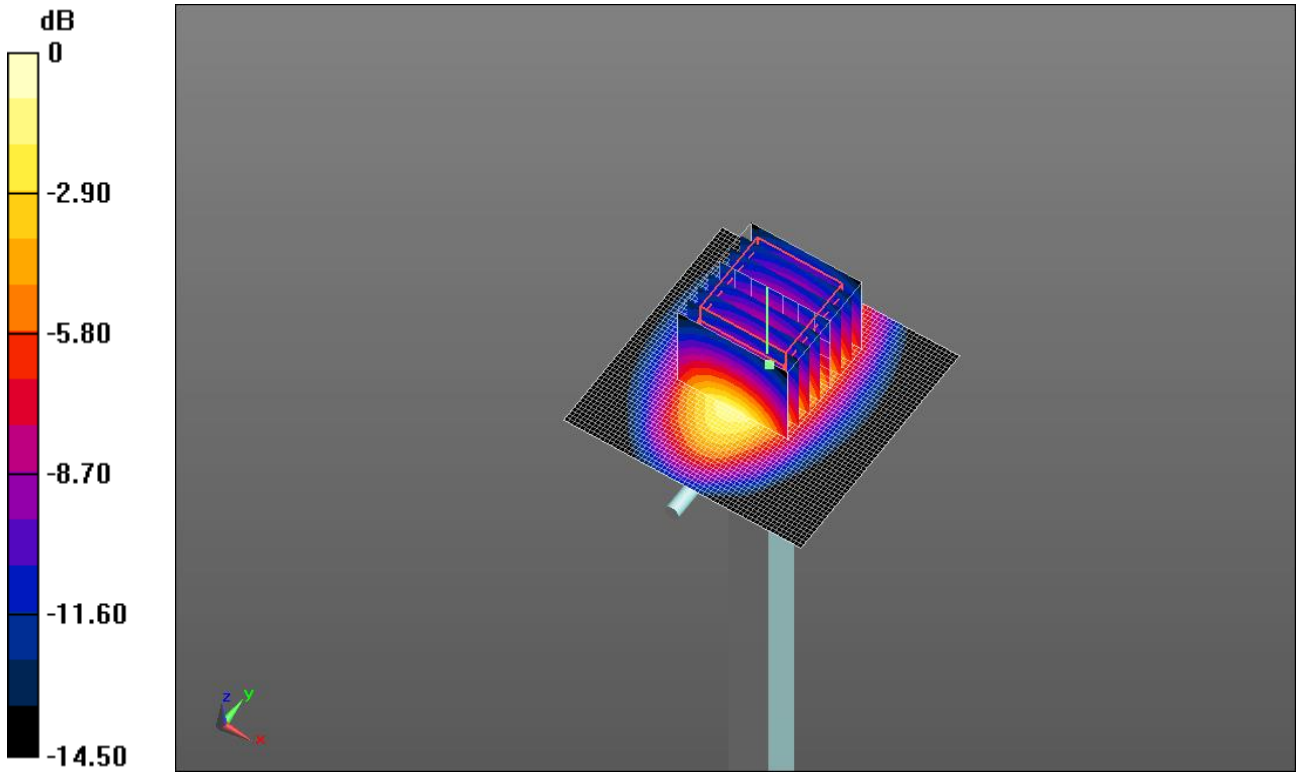
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1900 MHz; σ = 1.545 S/m; ε_r = 51.588; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.09, 7.09, 7.09); Calibrated: 3/18/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: SM 000 T01 DA; Serial: TP:1247

Body/1900 MHz, Pin=100mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 58.748 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 4.45 W/kg; SAR(10 g) = 2.23 W/kg
Maximum value of SAR (interpolated) = 6.80 W/kg

Body/1900 MHz, Pin=100mW 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 58.748 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 7.91 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 6.37 W/kg

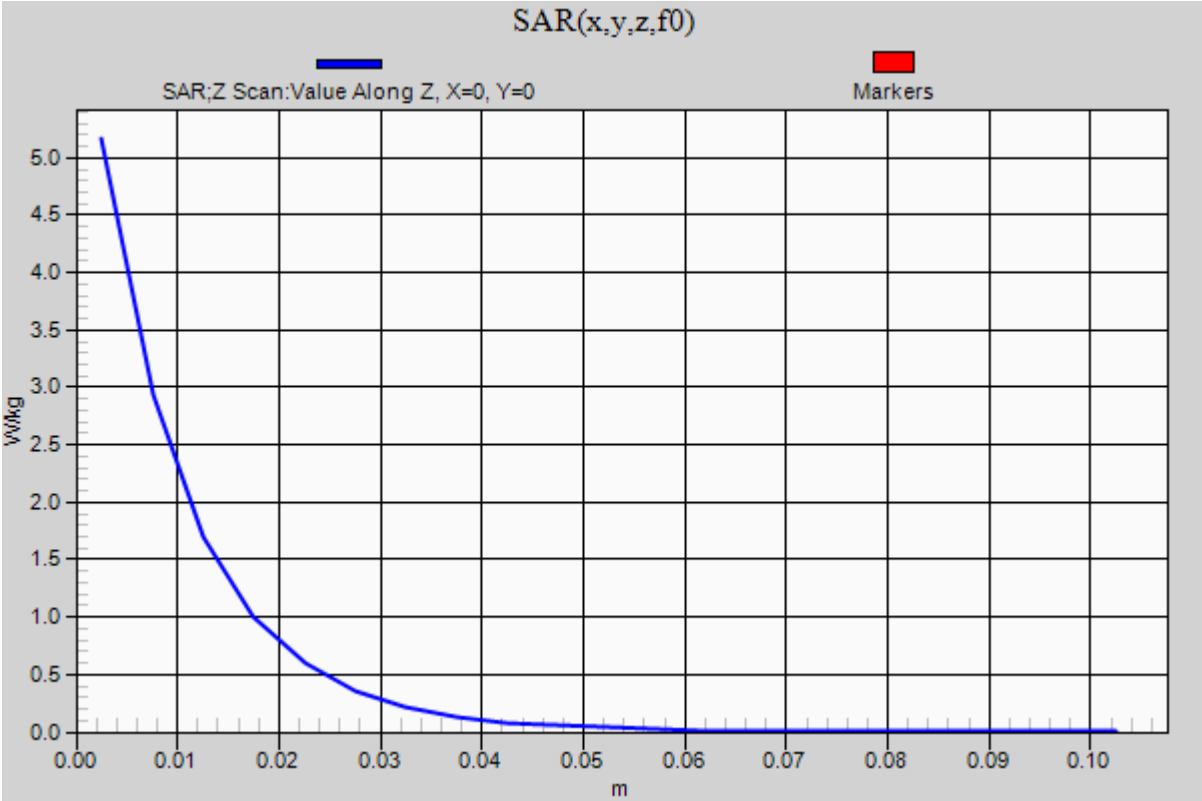


0 dB = 6.37 W/kg = 8.04 dBW/kg

20140902_SystemPerformanceCheck-1900MHz SN 5d140

Frequency: 1900 MHz; Duty Cycle: 1:1

Body/1900 MHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.16 W/kg



GSM850

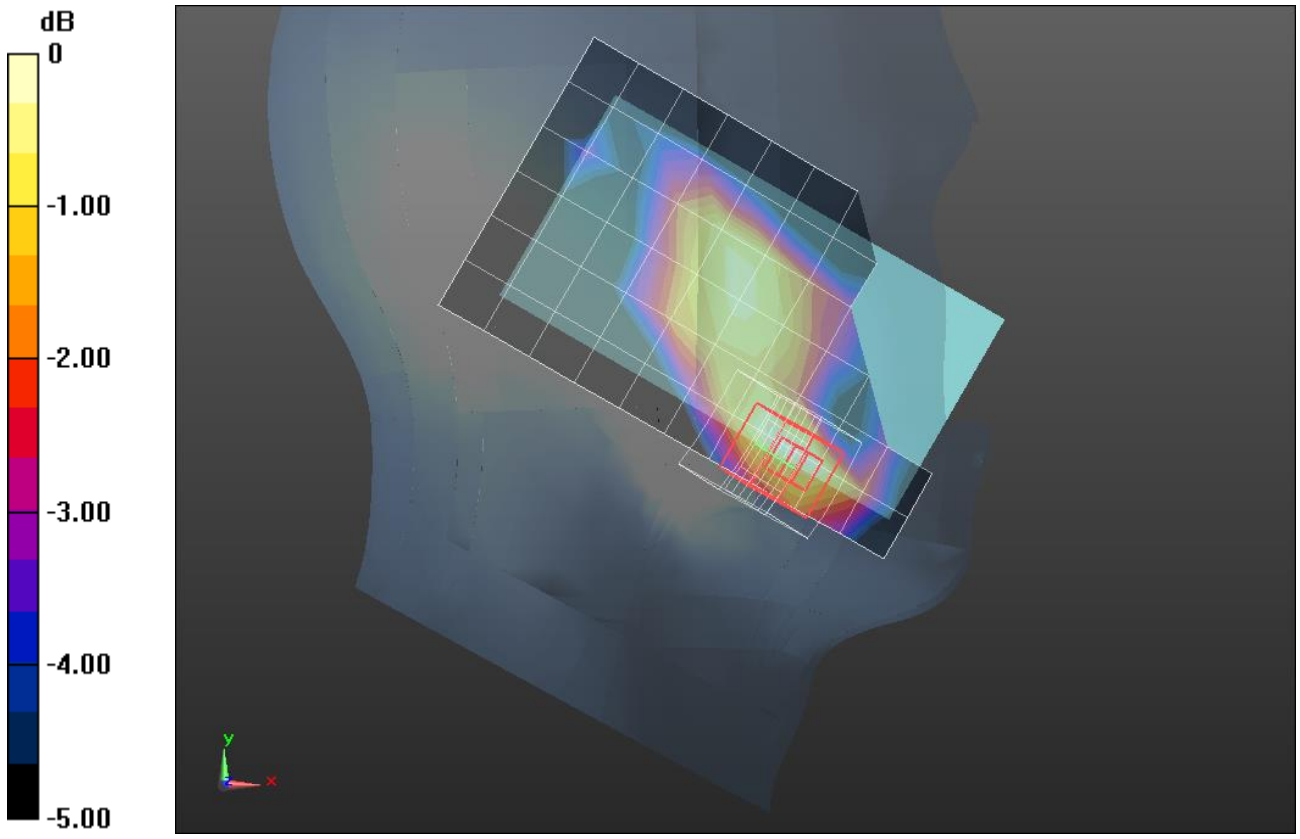
Frequency: 836.6 MHz; Duty Cycle: 1:8.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 S/m; ε_r = 40.532; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(10.29, 10.29, 10.29); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_GSM Voice_ch 190/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0478 W/kg

LHS/Touch_GSM Voice_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.506 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.024 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0492 W/kg



0 dB = 0.0492 W/kg = -13.08 dBW/kg

GSM850

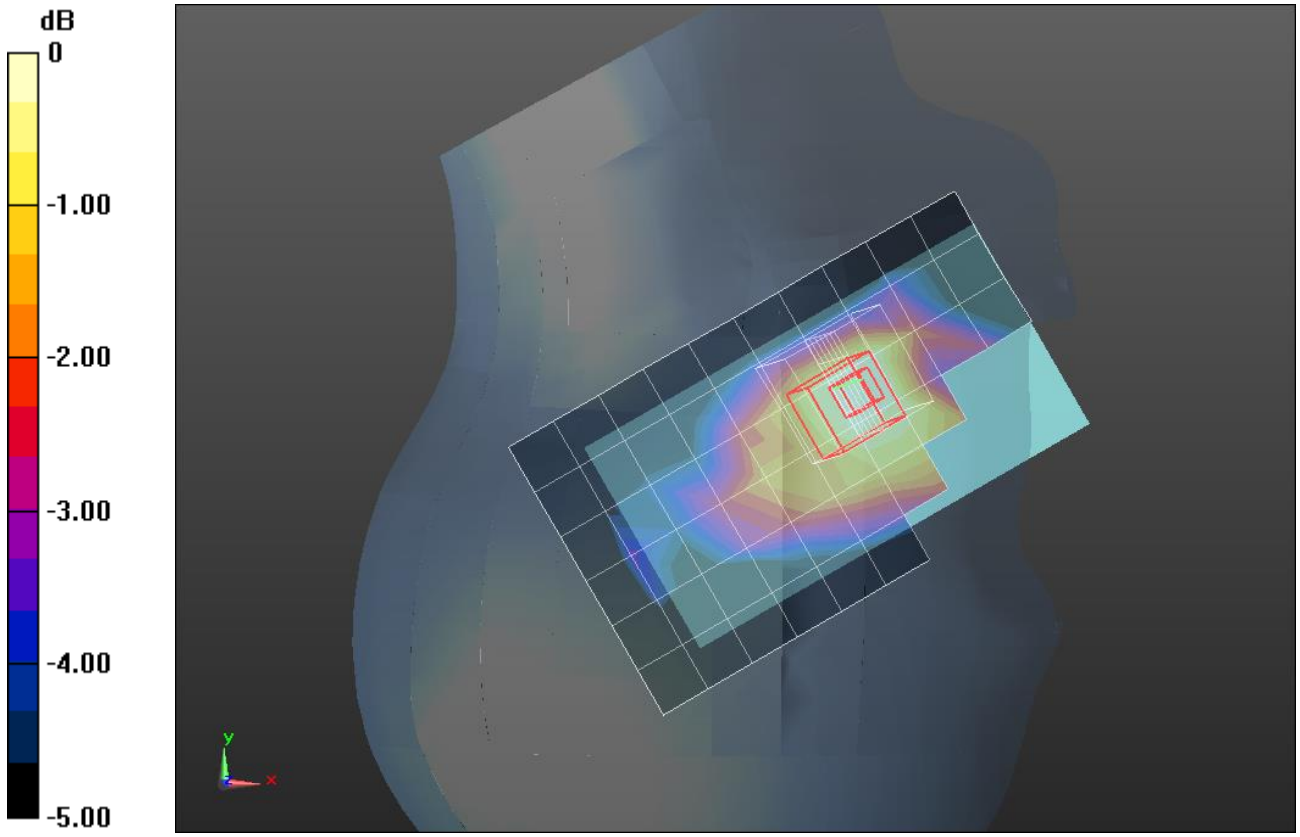
Frequency: 836.6 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 S/m; ε_r = 40.532; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(10.29, 10.29, 10.29); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

RHS/Touch_GPRS 2 Slots_ch 190/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0611 W/kg

RHS/Touch_GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.485 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.044 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0629 W/kg



0 dB = 0.0629 W/kg = -12.01 dBW/kg

GSM850

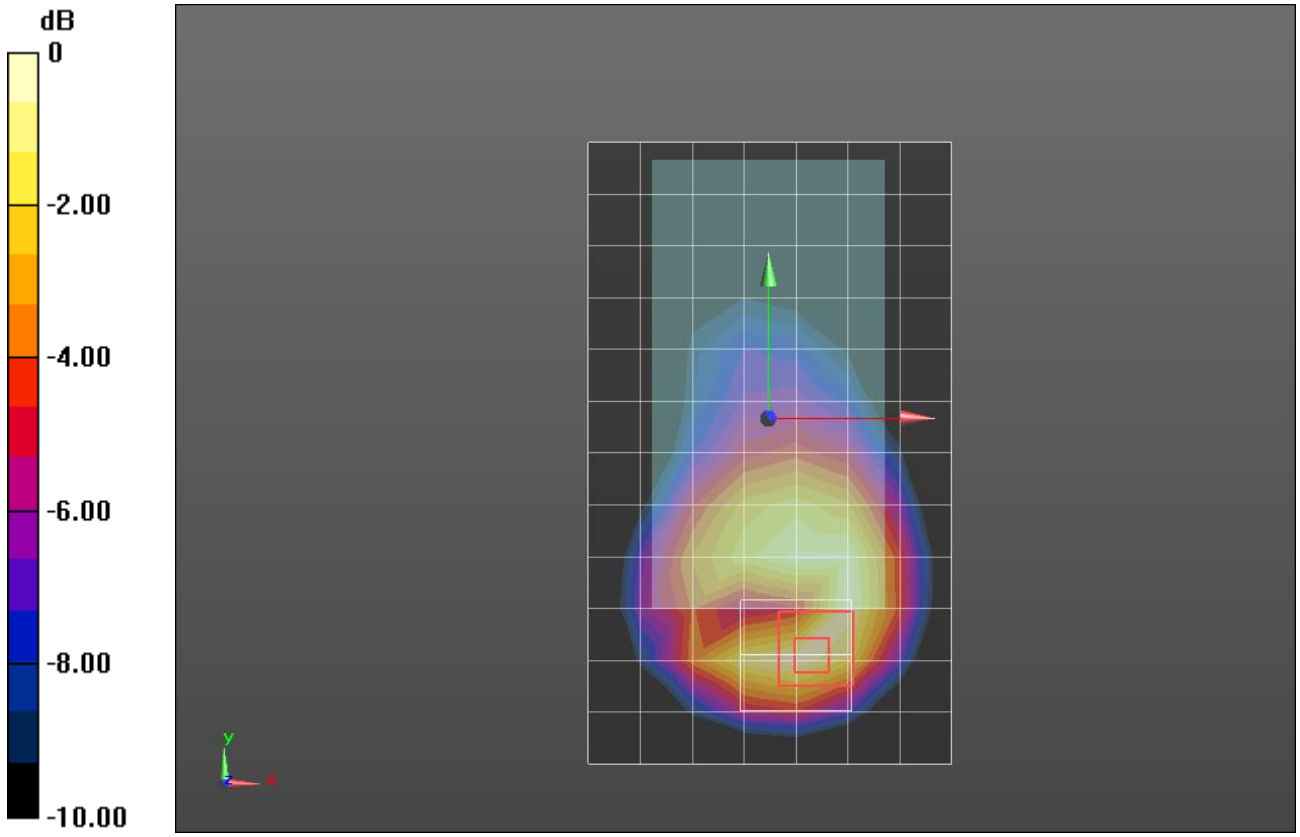
Frequency: 836.6 MHz; Duty Cycle: 1:8.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.99 S/m; ε_r = 52.847; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(9.96, 9.96, 9.96); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QDOVA001BB; Serial: 1121

Rear/GSM Voice_ch 190/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.111 W/kg

Rear/GSM Voice_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.773 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.048 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.113 W/kg



0 dB = 0.113 W/kg = -9.47 dBW/kg

GSM 850

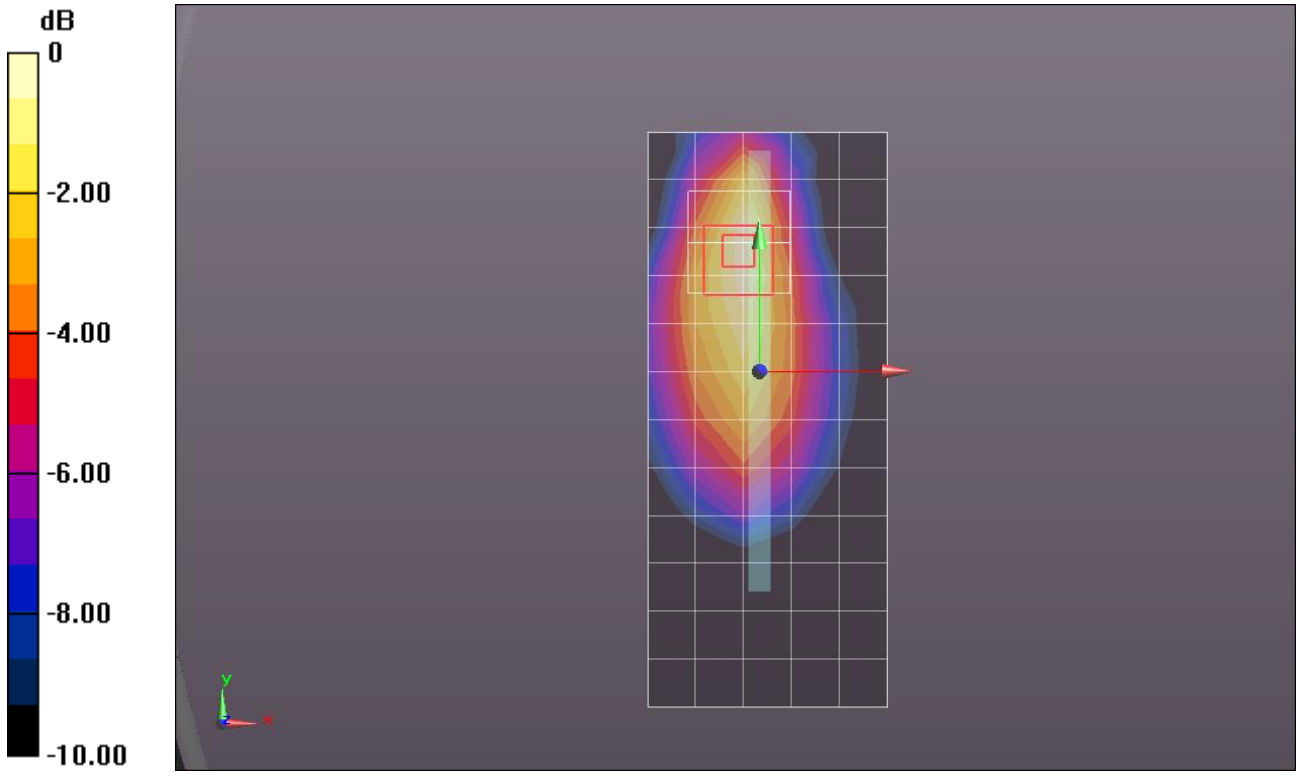
Frequency: 836.6 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.013 S/m; ε_r = 53.335; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(8.54, 8.54, 8.54); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 2/GPRS 2 slots_ch 190/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.177 W/kg

Edge 2/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.360 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.098 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

GSM1900

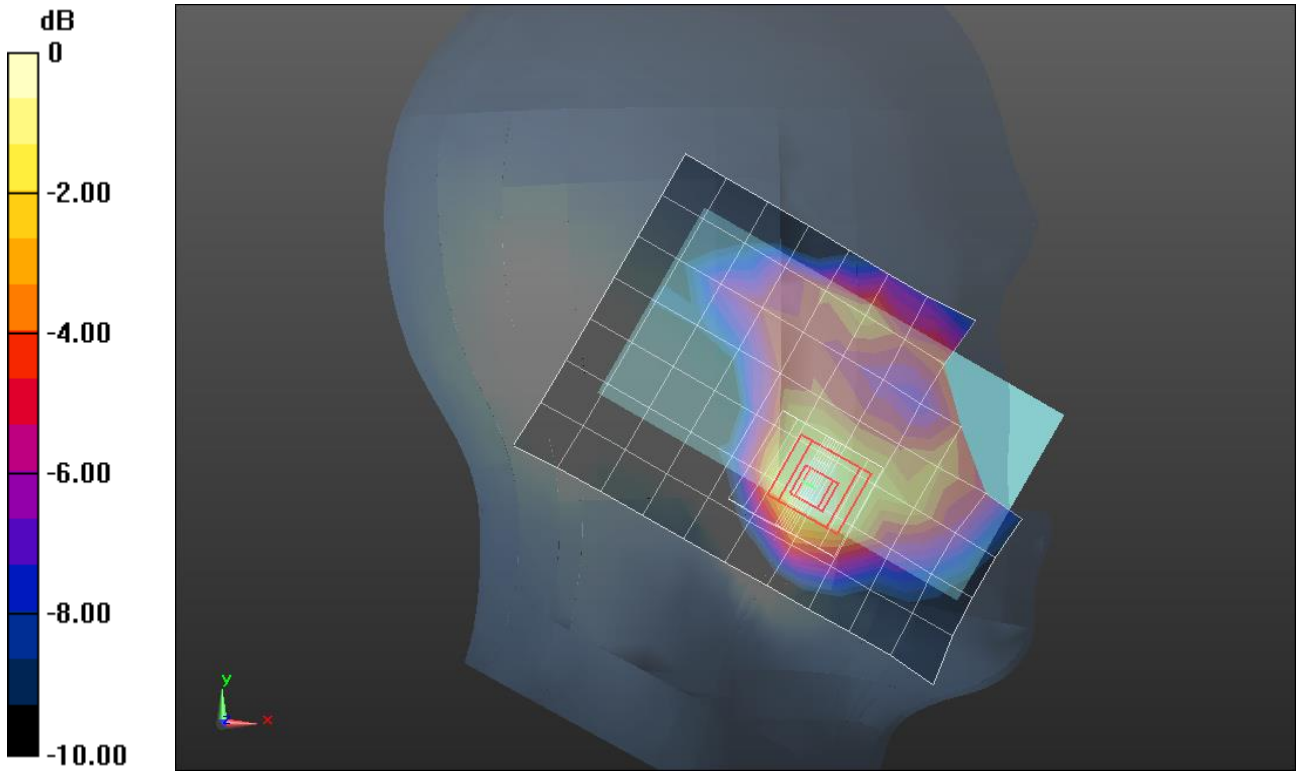
Frequency: 1880 MHz; Duty Cycle: 1:8.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.432 S/m; ε_r = 38.675; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.52, 7.52, 7.52); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1830

LHS/Touch_GSM Voice_ch 661/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.134 W/kg

LHS/Touch_GSM Voice_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.884 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

GSM1900

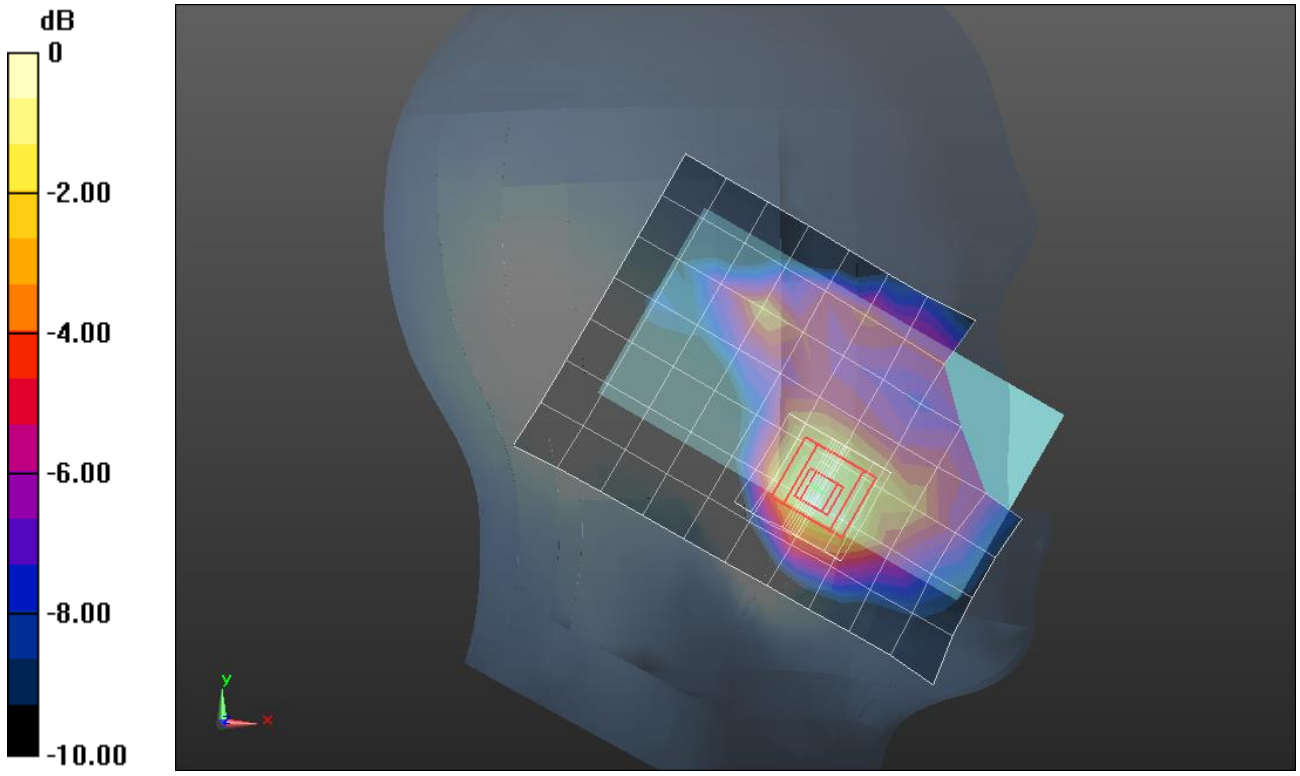
Frequency: 1880 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.432 S/m; ε_r = 38.675; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.52, 7.52, 7.52); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1830

LHS/Touch_GPRS 2 Slots_ch 661/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.150 W/kg

LHS/Touch_GPRS 2 Slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.763 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

GSM1900

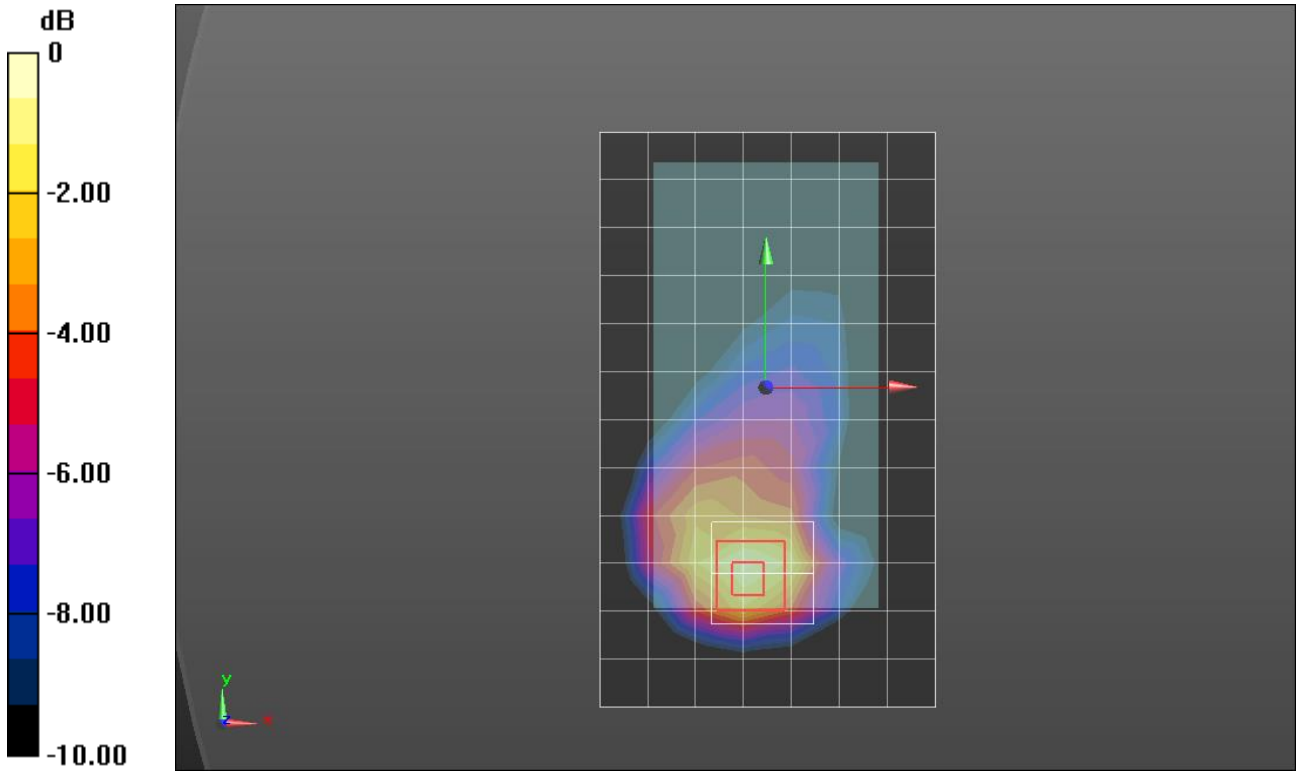
Frequency: 1880 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.522 S/m; ε_r = 51.656; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.09, 7.09, 7.09); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: SM 000 T01 DA; Serial: TP:1247

Rear/GSM Voice_Ch 661/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.645 W/kg

Rear/GSM Voice_Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.199 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.918 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.703 W/kg



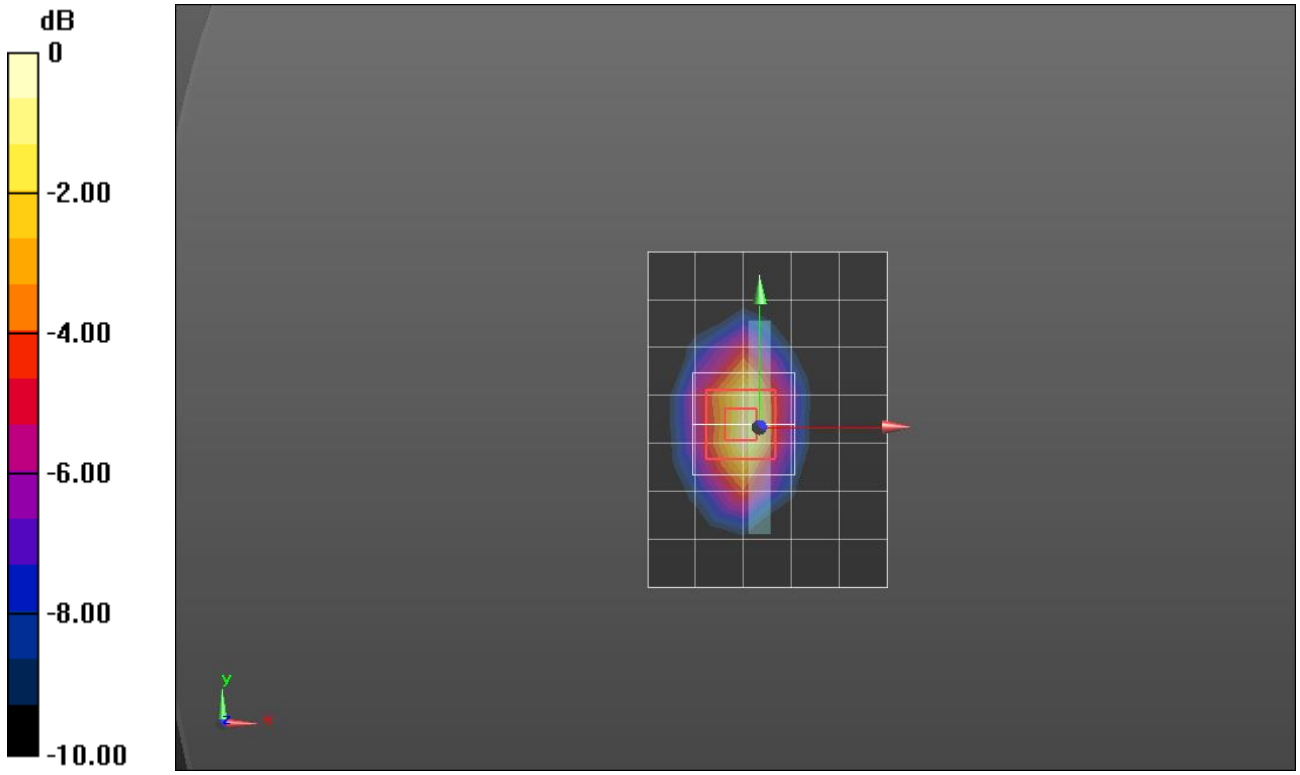
0 dB = 0.703 W/kg = -1.53 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.522 S/m; ε_r = 51.656; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.09, 7.09, 7.09); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: SM 000 T01 DA; Serial: TP:1247

Edge 3/GPRS 2 Slots_Ch 661/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.747 W/kg

Edge 3/GPRS 2 Slots_Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.574 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

W-CDMA Band V

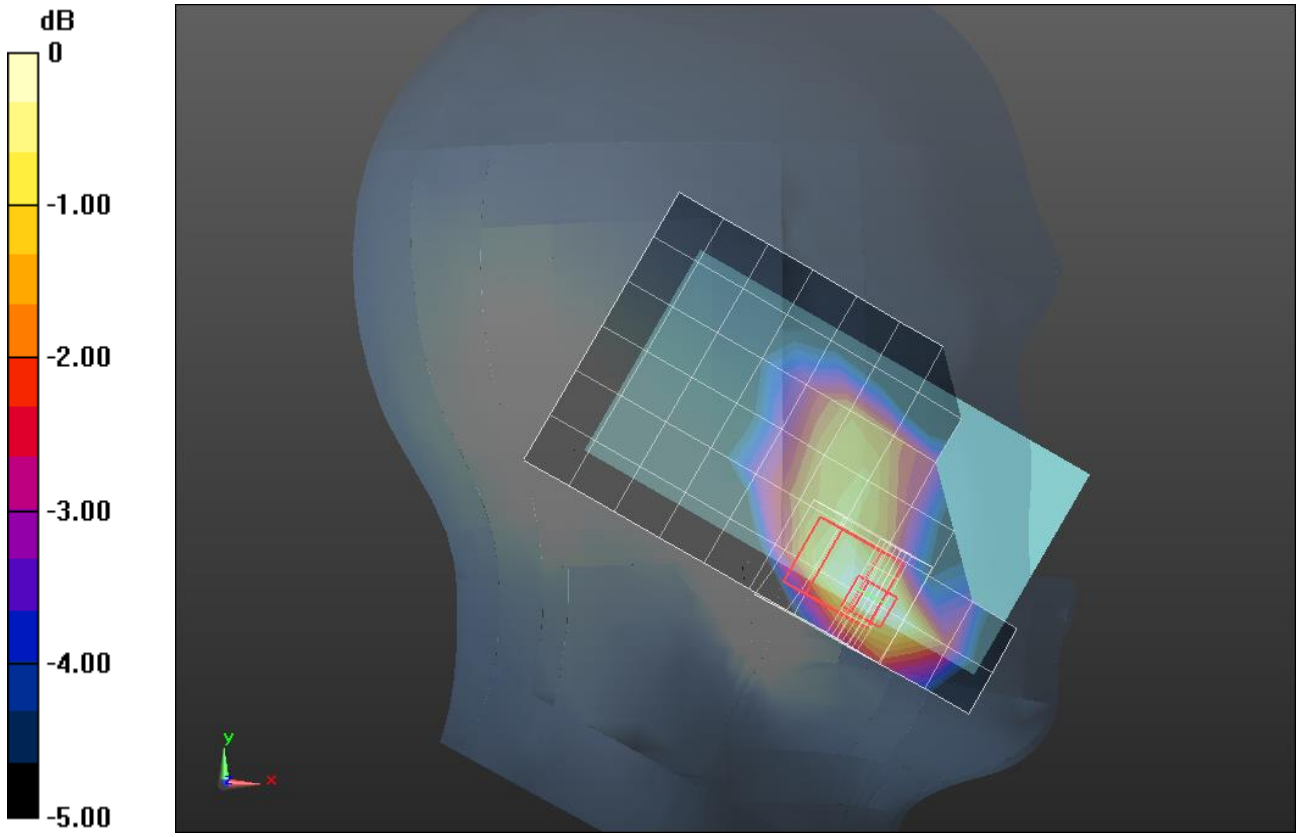
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.904 S/m; ε_r = 40.532; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(10.29, 10.29, 10.29); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_Rel.99 RMC_ch 4183/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0319 W/kg

LHS/Touch_Rel.99 RMC_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.101 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0390 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.016 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0307 W/kg



0 dB = 0.0307 W/kg = -15.13 dBW/kg

W-CDMA Band V

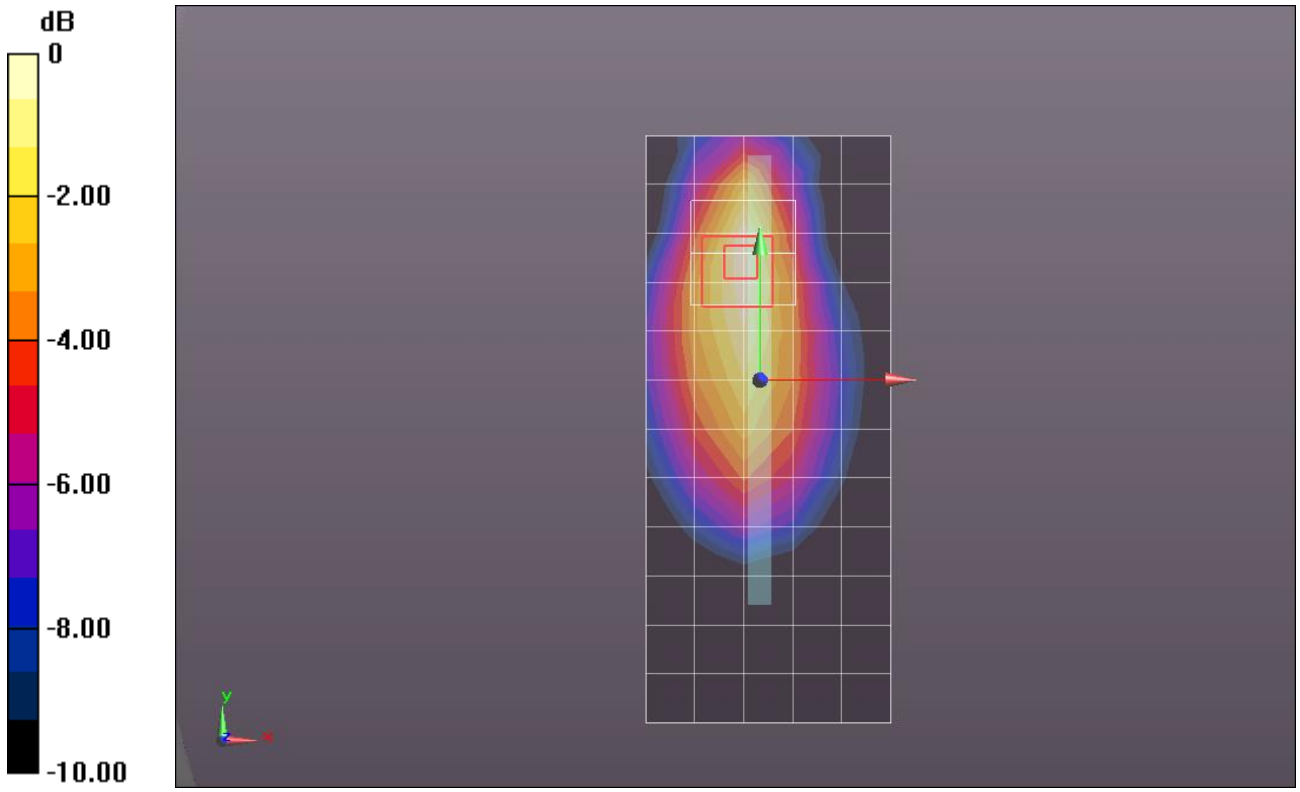
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.013 S/m; ε_r = 53.335; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(8.54, 8.54, 8.54); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 2/Rel 99_RMC_ch 4183/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.182 W/kg

Edge 2/Rel 99_RMC_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.559 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.101 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.187 W/kg



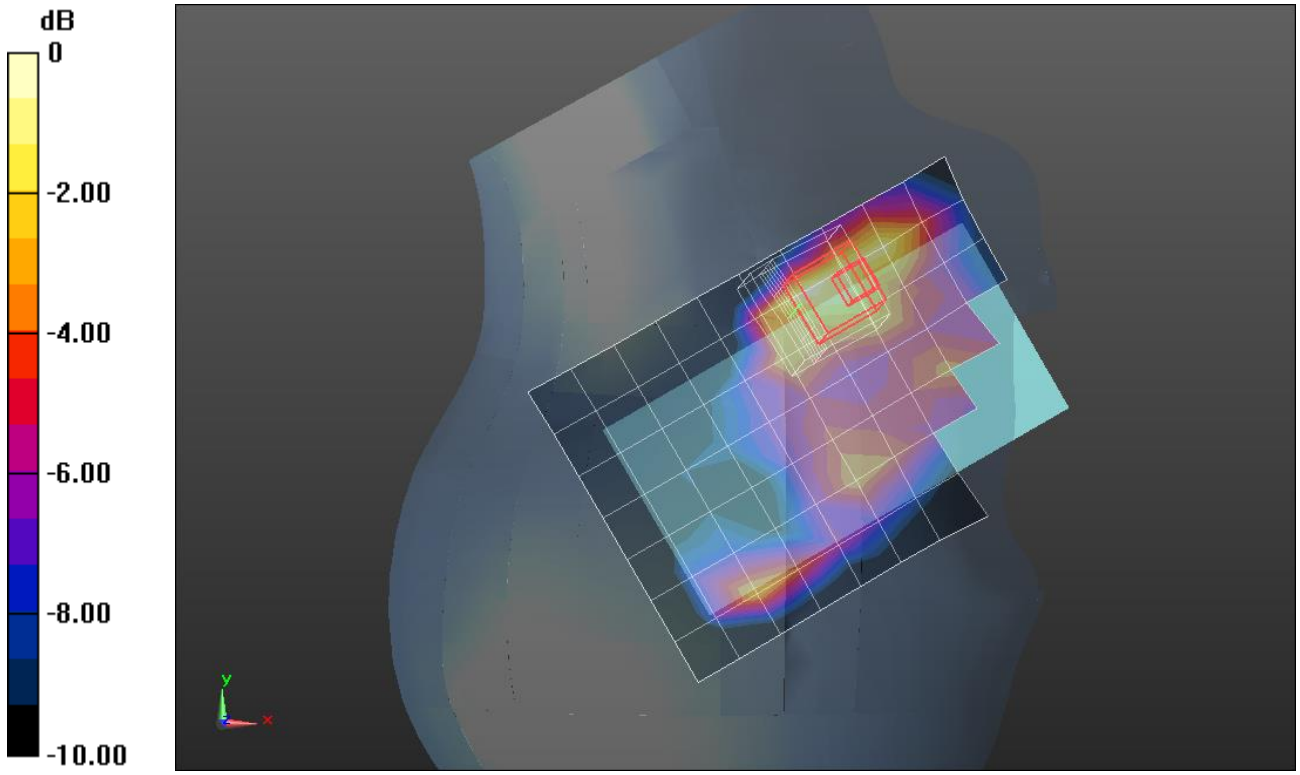
0 dB = 0.187 W/kg = -7.28 dBW/kg

W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.432 S/m; ε_r = 38.675; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.52, 7.52, 7.52); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1830

RHS/Touch_Rel.99 RMC_Ch 9400/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.221 W/kg

RHS/Touch_Rel.99 RMC_Ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.278 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.239 W/kg



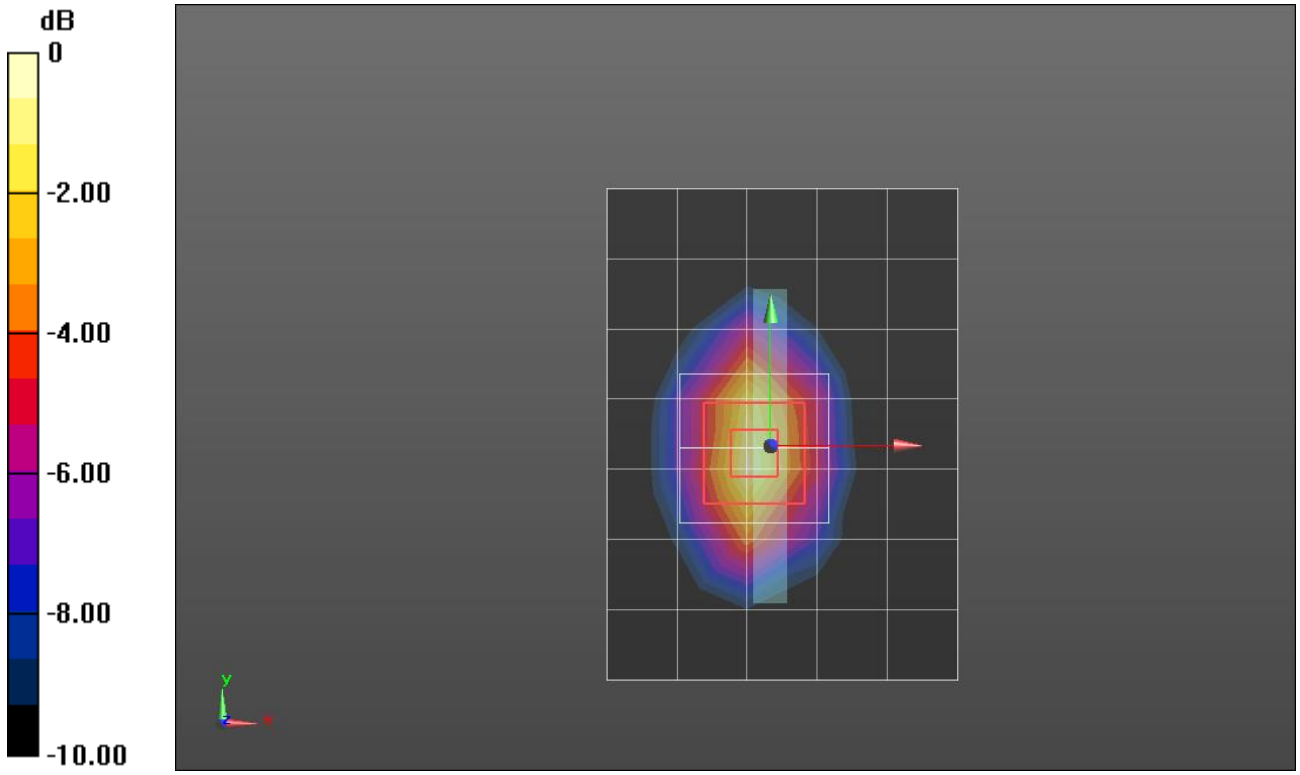
0 dB = 0.239 W/kg = -6.22 dBW/kg

W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.522 S/m; ε_r = 51.656; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3686; ConvF(7.09, 7.09, 7.09); Calibrated: 3/18/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: SM 000 T01 DA; Serial: TP:1247

Edge 3/REL.99 RMC_ch 9400/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.27 W/kg

Edge 3/REL.99 RMC_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.593 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

LTE Band 5

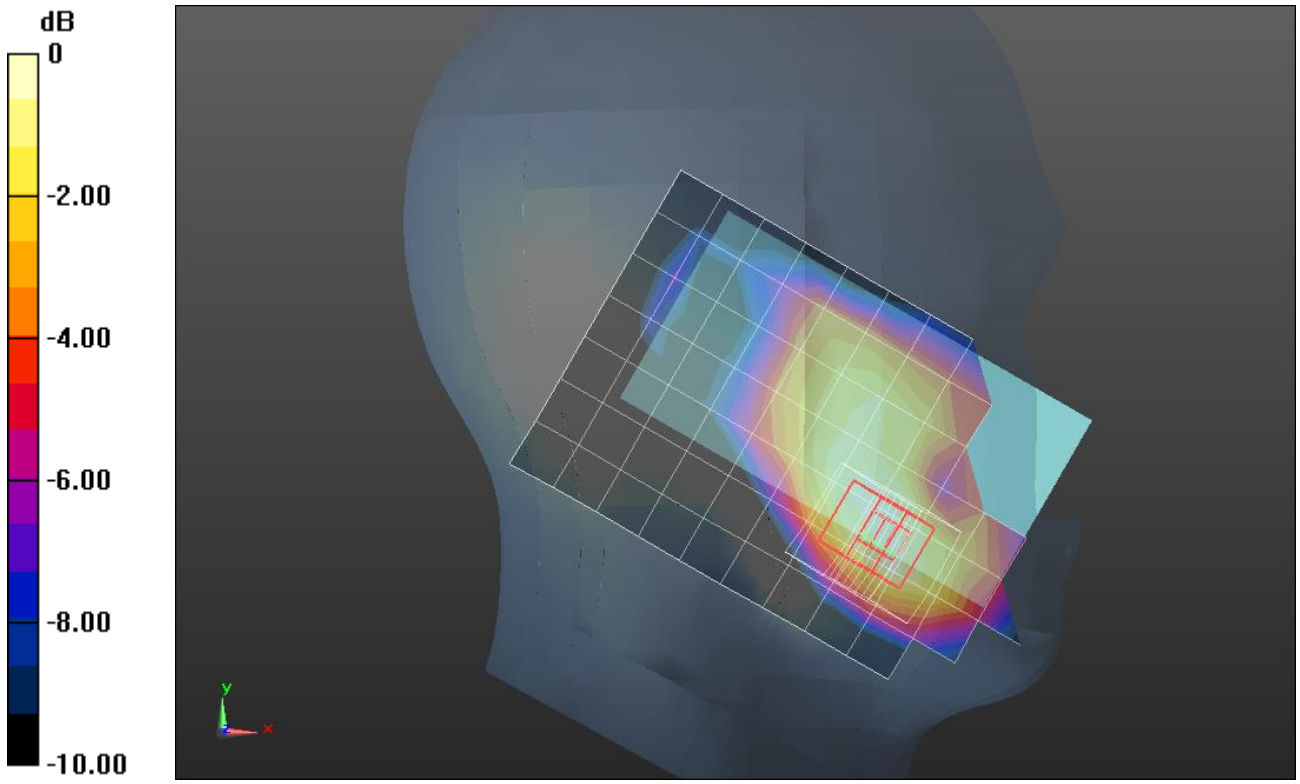
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.935 S/m; ε_r = 41.29; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(9.07, 9.07, 9.07); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

LHS/Touch_QPSK ch 20525 RB 1,0/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0283 W/kg

LHS/Touch_QPSK ch 20525 RB 1,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.323 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.016 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0298 W/kg



0 dB = 0.0298 W/kg = -15.26 dBW/kg

LTE Band 5

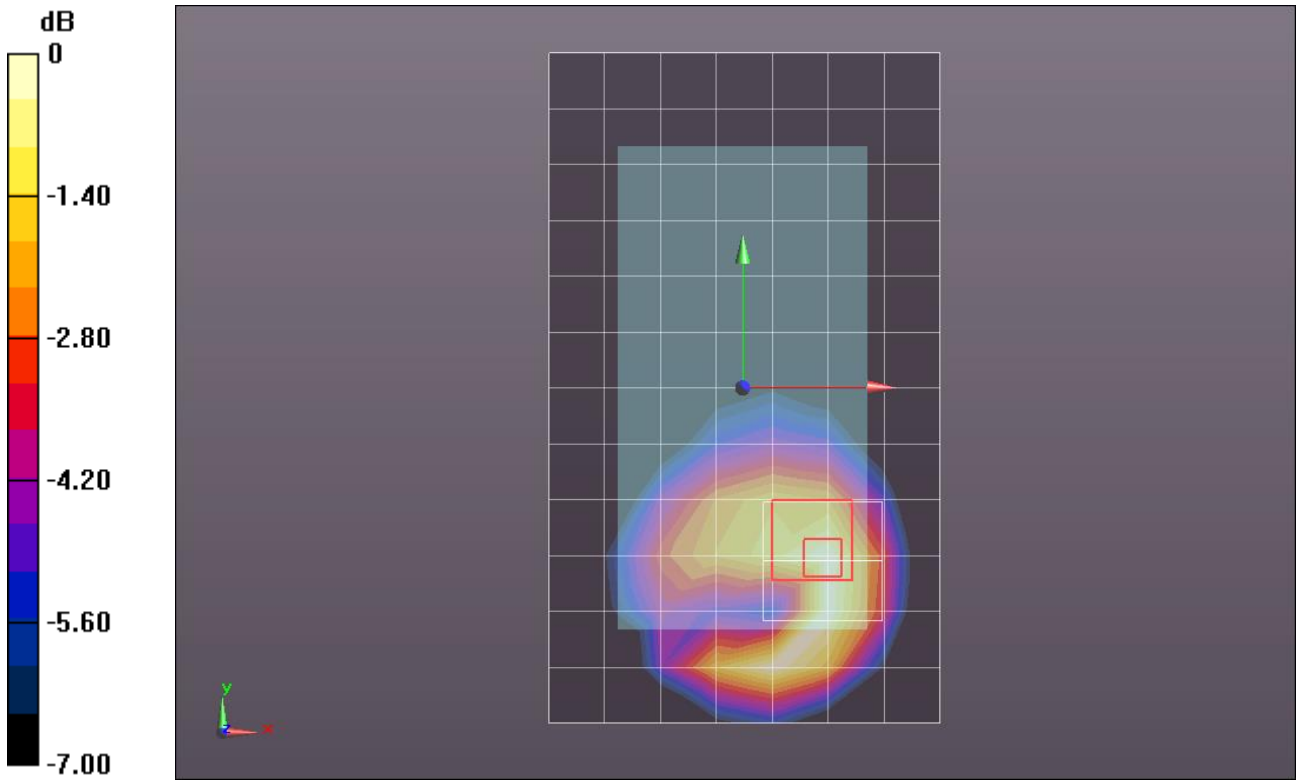
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(8.54, 8.54, 8.54); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/QPSK ch 20525 RB 1,0/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0884 W/kg

Rear/QPSK ch 20525 RB 1,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.424 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.120 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.043 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0893 W/kg



0 dB = 0.0893 W/kg = -10.49 dBW/kg

LTE Band 5

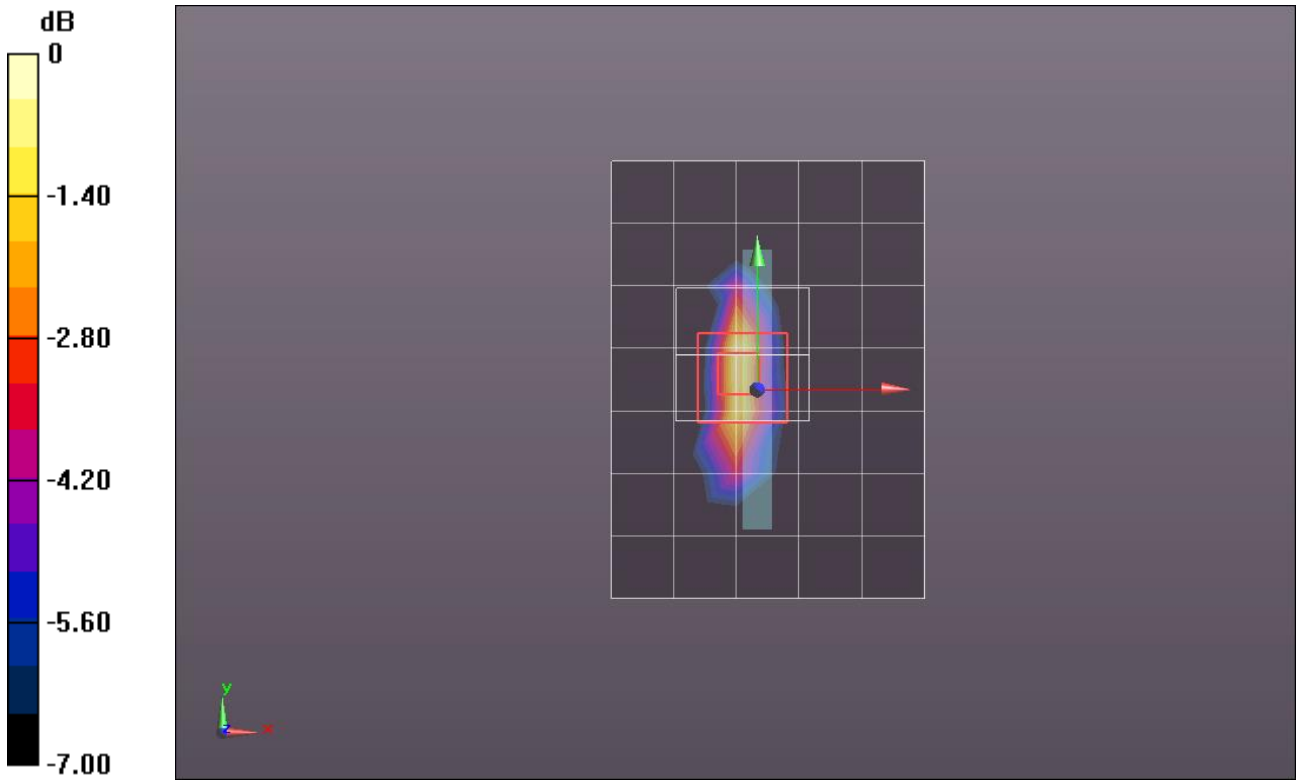
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(8.54, 8.54, 8.54); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 3/QPSK ch 20525 RB 1,0/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0521 W/kg

Edge 3/QPSK ch 20525 RB 1,0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.313 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0800 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.022 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0553 W/kg



0 dB = 0.0553 W/kg = -12.57 dBW/kg

Wi-Fi 2.4GHz

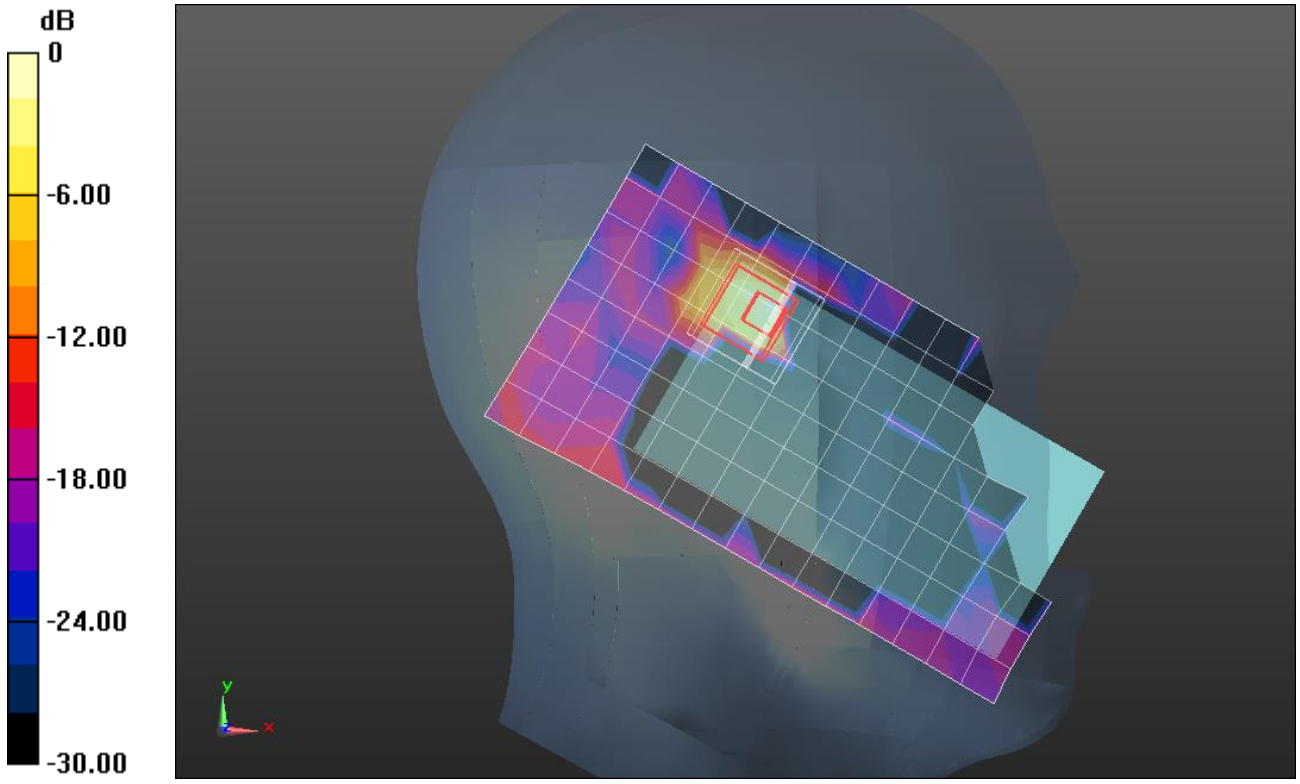
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.854 S/m; ε_r = 39.549; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3749; ConvF(6.6, 6.6, 6.6); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

LHS/Touch_802.11b_Ch 6/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0479 W/kg

LHS/Touch_802.11b_Ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.648 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.0087 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0617 W/kg



0 dB = 0.0617 W/kg = -12.10 dBW/kg

Wi-Fi 2.4GHz

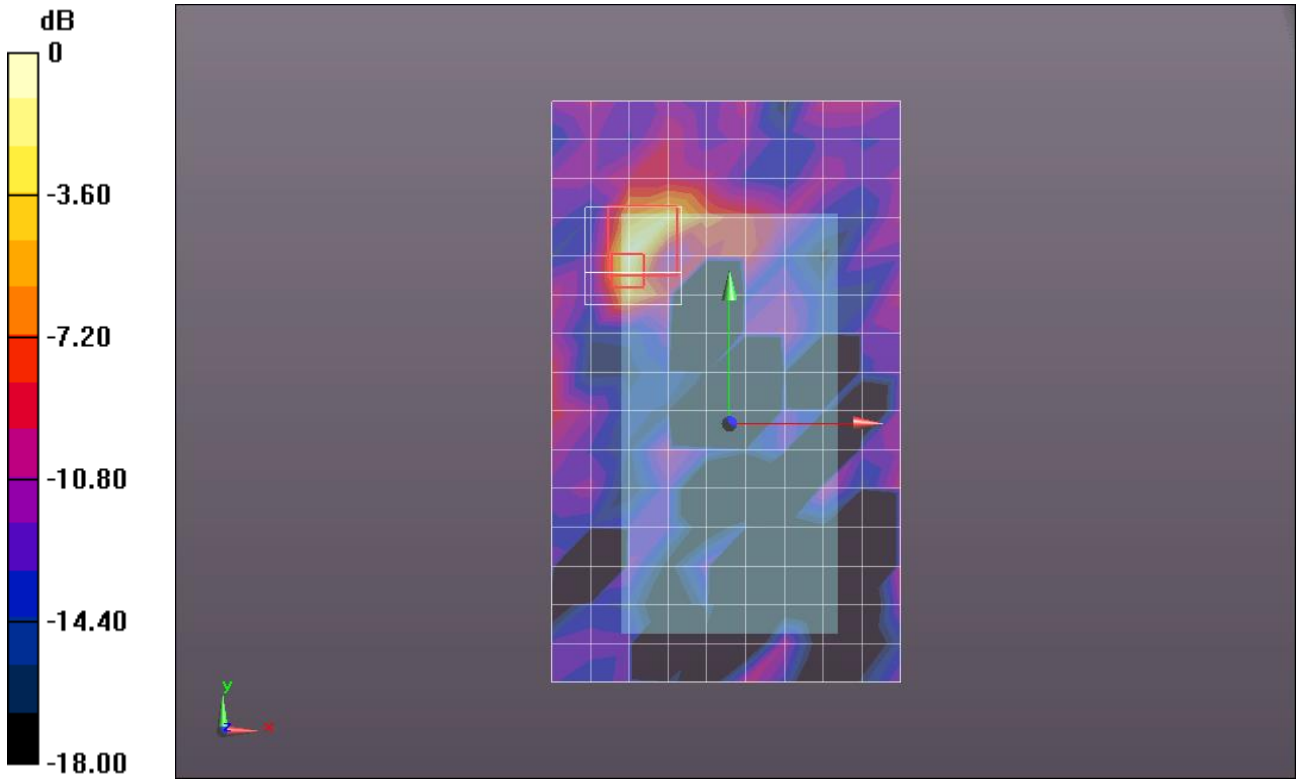
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.974 S/m; ε_r = 51.942; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3749; ConvF(6.49, 6.49, 6.49); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/802.11b_Ch 6/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0139 W/kg

Rear/802.11b_Ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.429 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.00792 W/kg; SAR(10 g) = 0.00178 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0151 W/kg



0 dB = 0.0151 W/kg = -18.21 dBW/kg