20140403_SystemPerformanceCheck-D835V2 SN 4d002

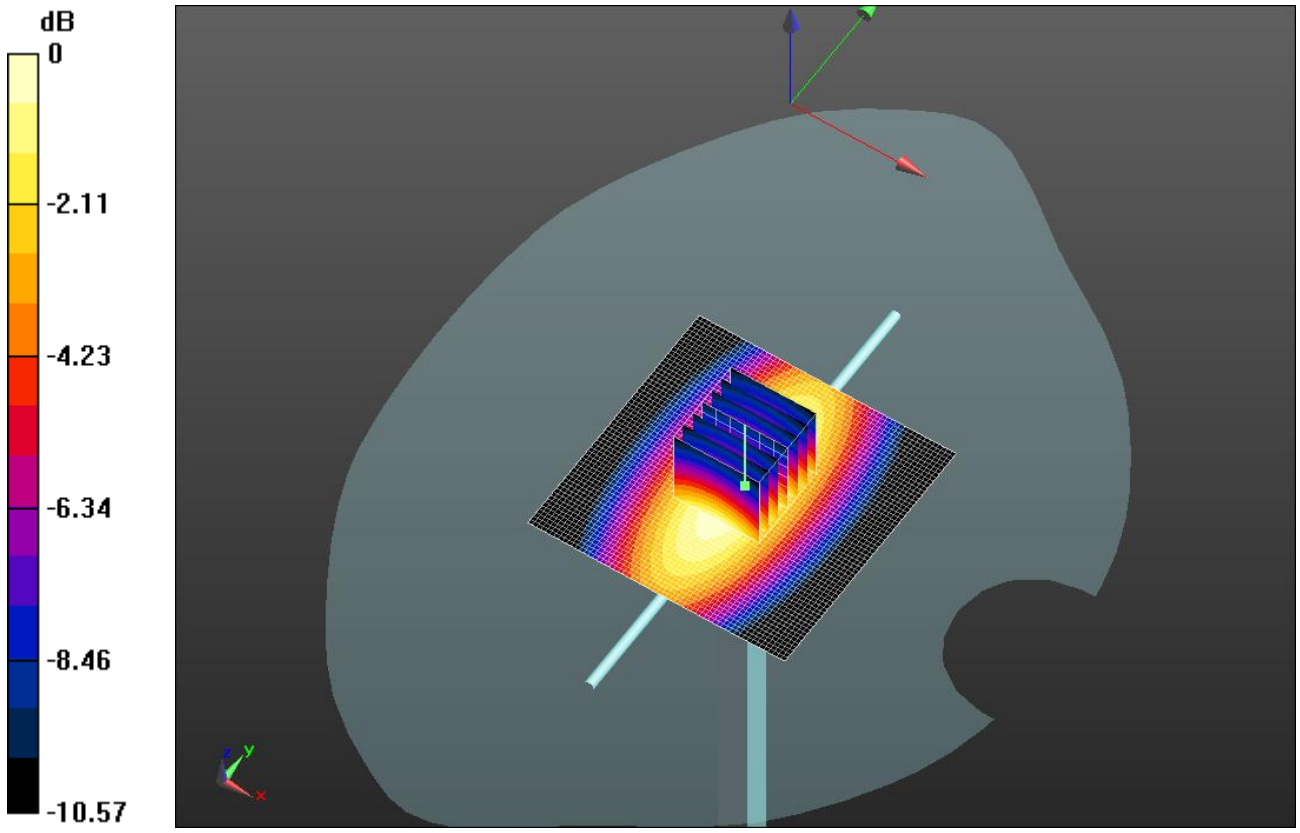
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835 MHz; σ = 0.922 S/m; ε_r = 41.728; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.05, 9.05, 9.05); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

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

Reference Value = 36.783 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.703 W/kg
Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 36.783 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.656 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



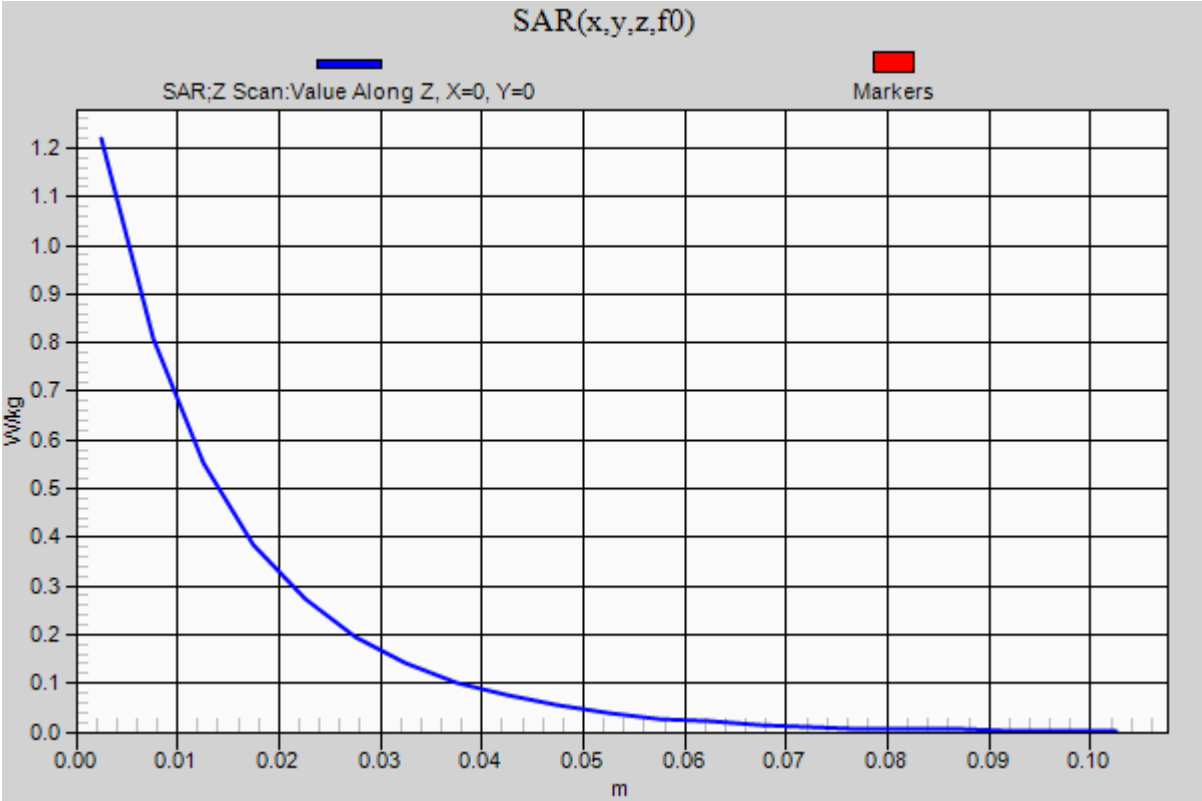
0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Laboratory: UL Verification Services Inc., SAR Lab 1 Date: 4/3/2014

20140403_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 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) = 1.22 W/kg



20140407_SystemPerformanceCheck-D1750V2 SN 1053

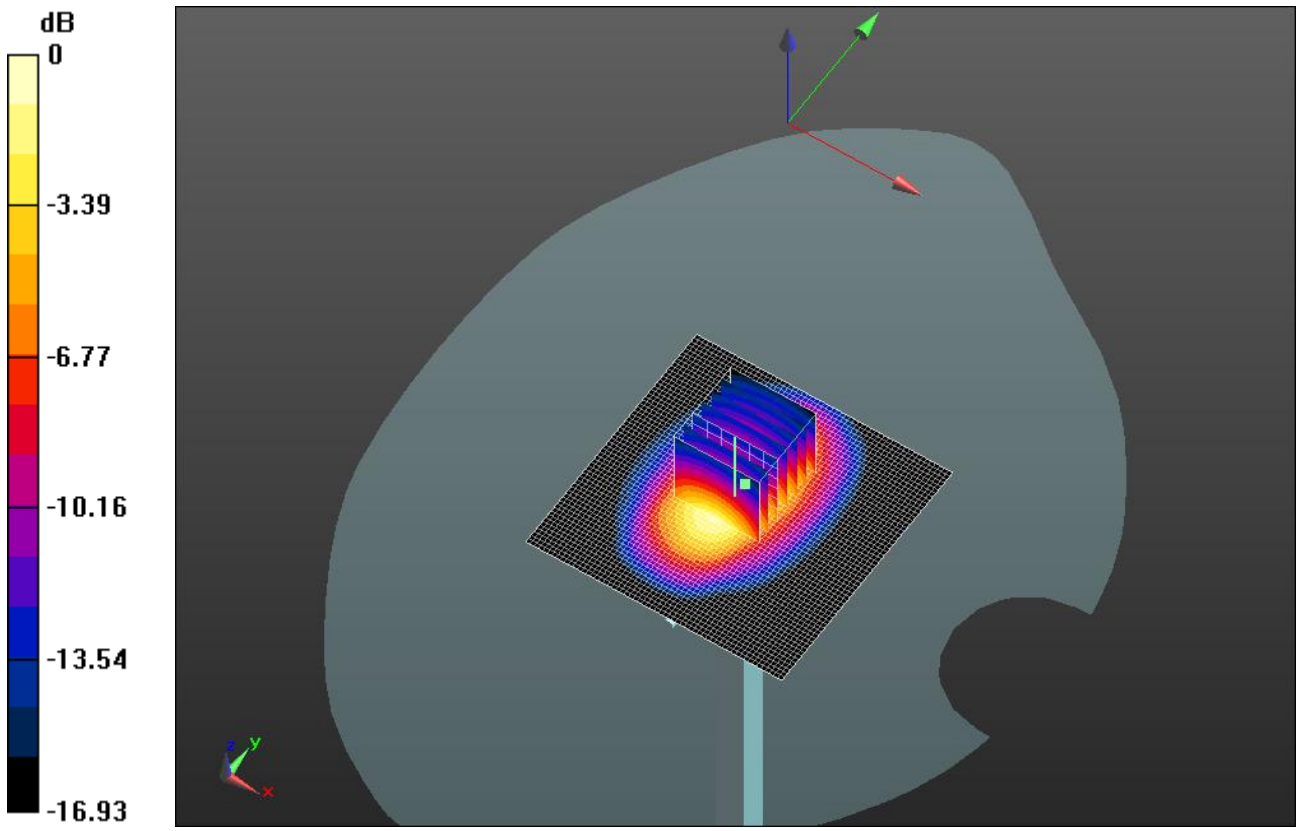
Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1750 MHz; σ = 1.35 S/m; ε_r = 39.358; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.9, 8.9, 8.9); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CA; Serial: 1185

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

Reference Value = 32.682 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 3.47 W/kg; SAR(10 g) = 1.85 W/kg
Maximum value of SAR (interpolated) = 4.65 W/kg

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

Reference Value = 32.682 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 6.18 W/kg
SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.81 W/kg
Maximum value of SAR (measured) = 4.54 W/kg

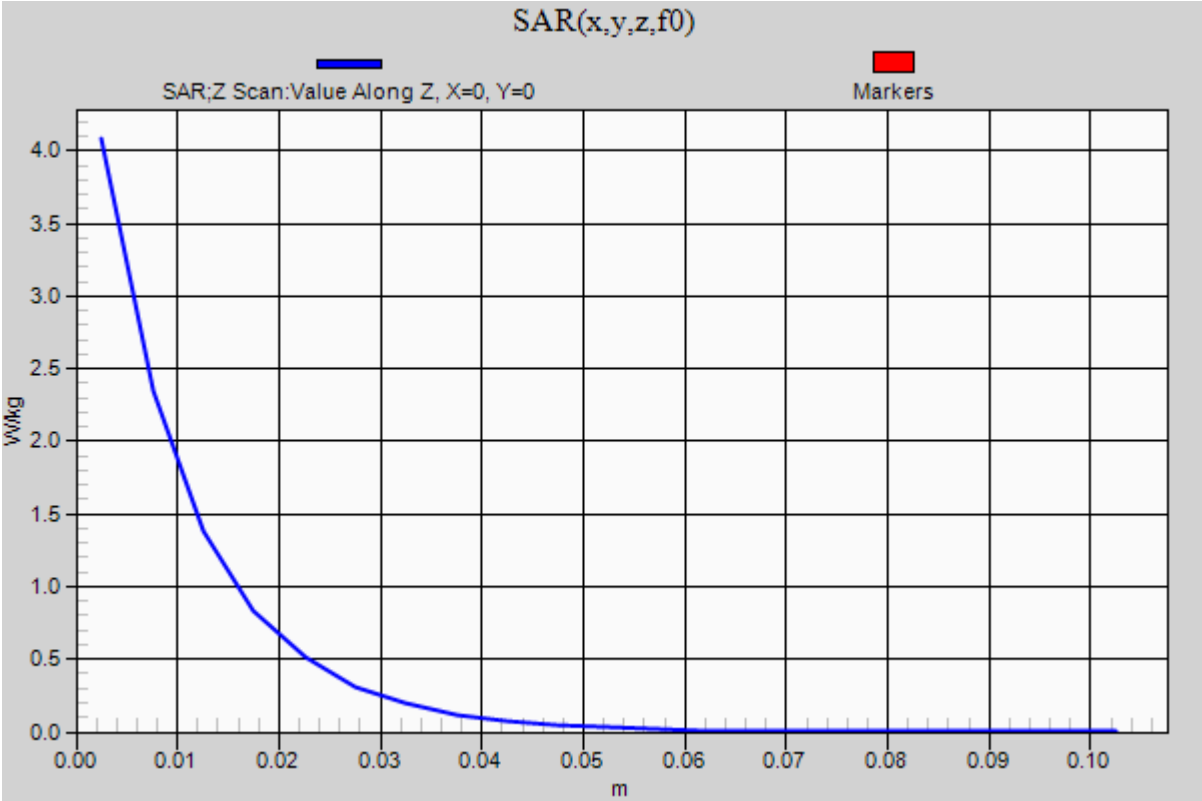


0 dB = 4.54 W/kg = 6.57 dBW/kg

20140407_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 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) = 4.08 W/kg



20140404 SystemPerformanceCheck-D2450V2 SN 706

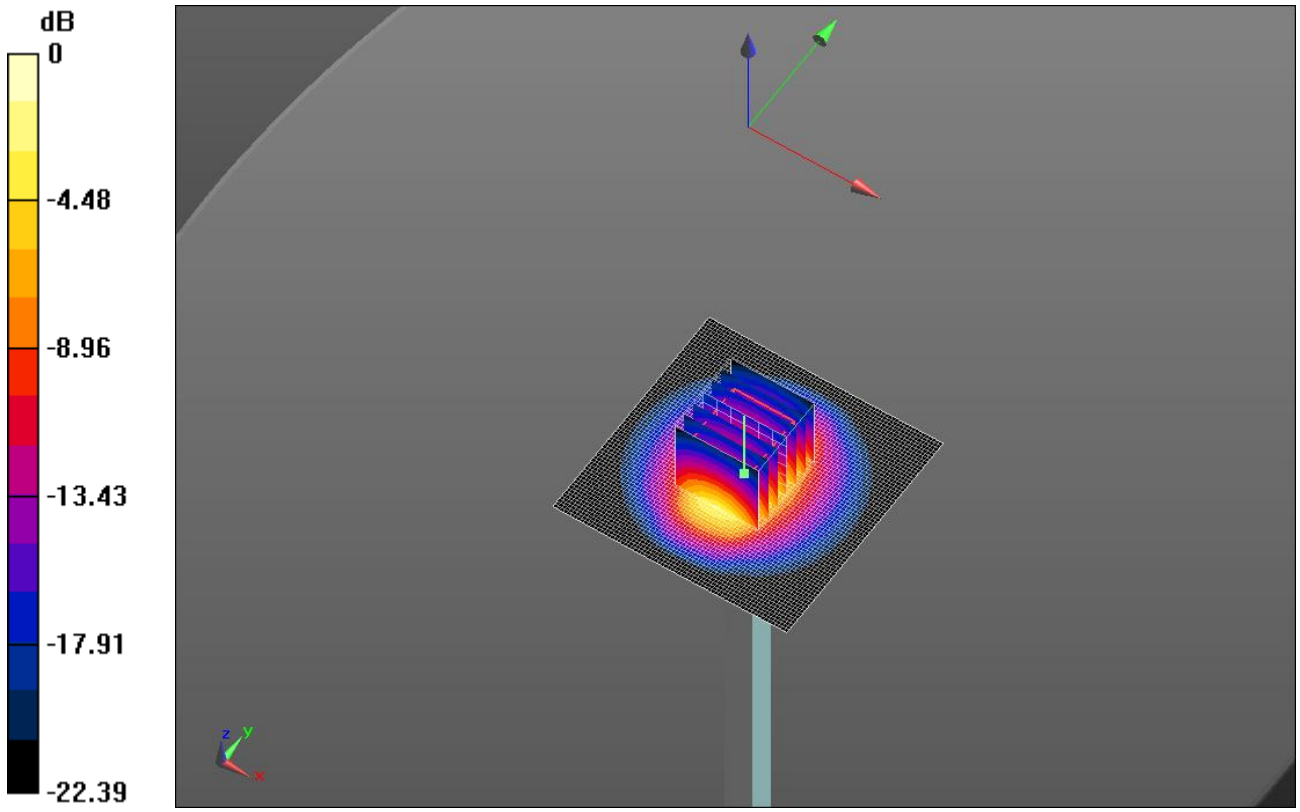
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2450 MHz; σ = 1.947 S/m; ε_r = 52.082; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.2, 7.2, 7.2); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

Body/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 63.818 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.28 W/kg
Maximum value of SAR (interpolated) = 7.73 W/kg

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

Reference Value = 63.818 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 11.0 W/kg
SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.43 W/kg
Maximum value of SAR (measured) = 7.52 W/kg

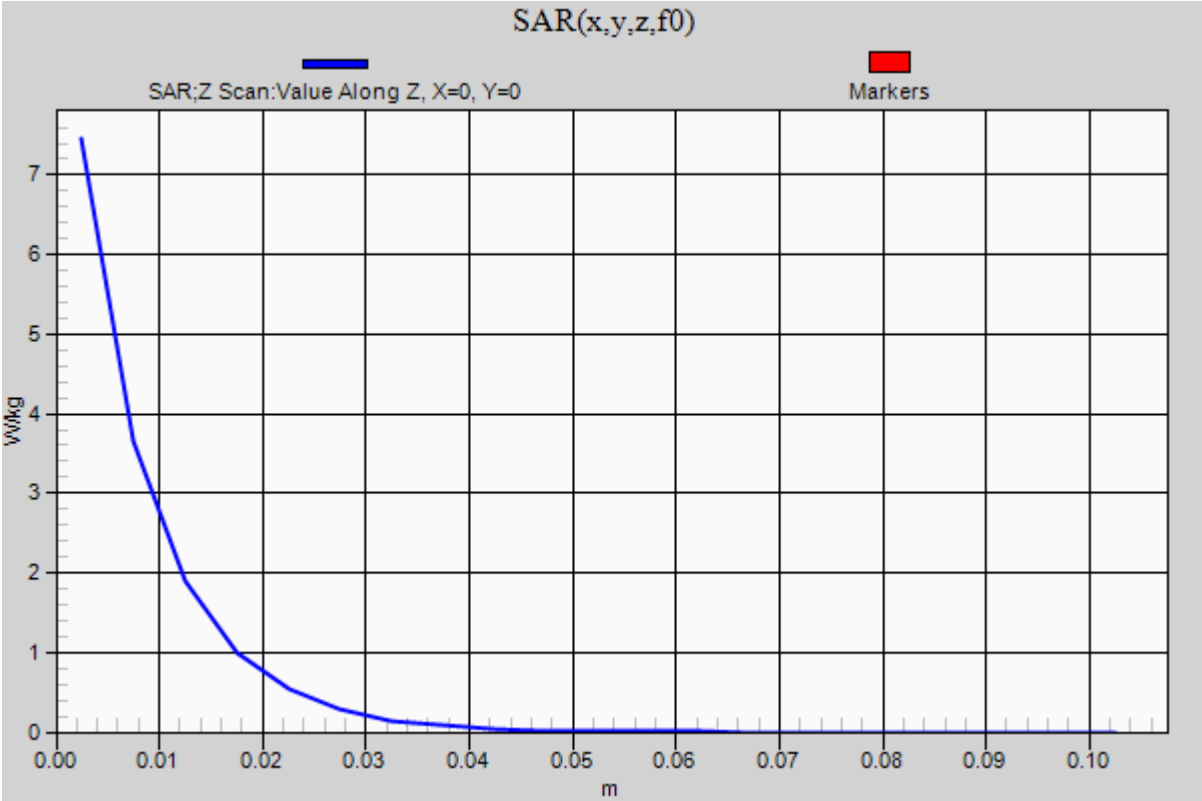


0 dB = 7.52 W/kg = 8.76 dBW/kg

20140404 SystemPerformanceCheck-D2450V2 SN 706

Frequency: 2450 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) = 7.46 W/kg



20140403 SystemPerformanceCheck-D1900V2 SN 5d163

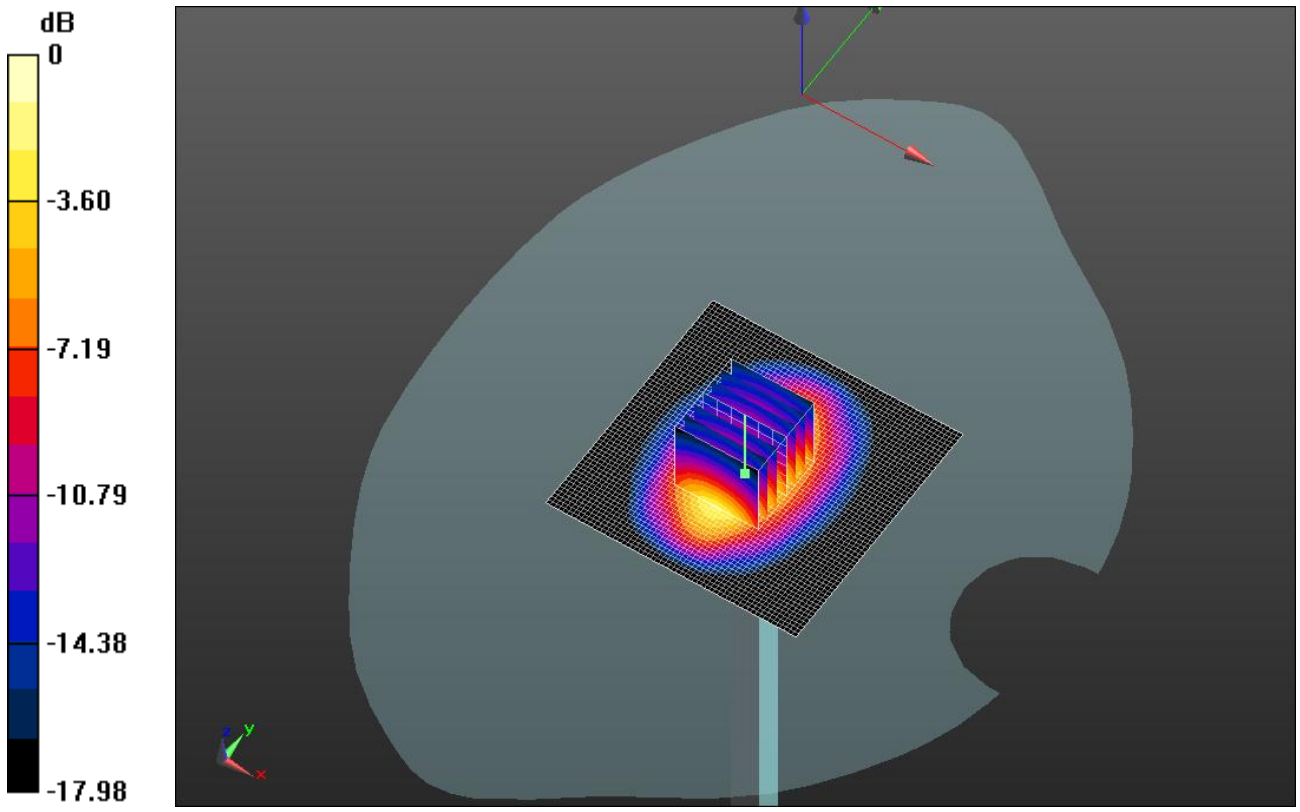
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1900 MHz; σ = 1.435 S/m; ε_r = 38.852; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.81, 7.81, 7.81); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

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

Reference Value = 56.511 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 4 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (interpolated) = 5.29 W/kg

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

Reference Value = 56.511 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 7.20 W/kg
SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 5.24 W/kg

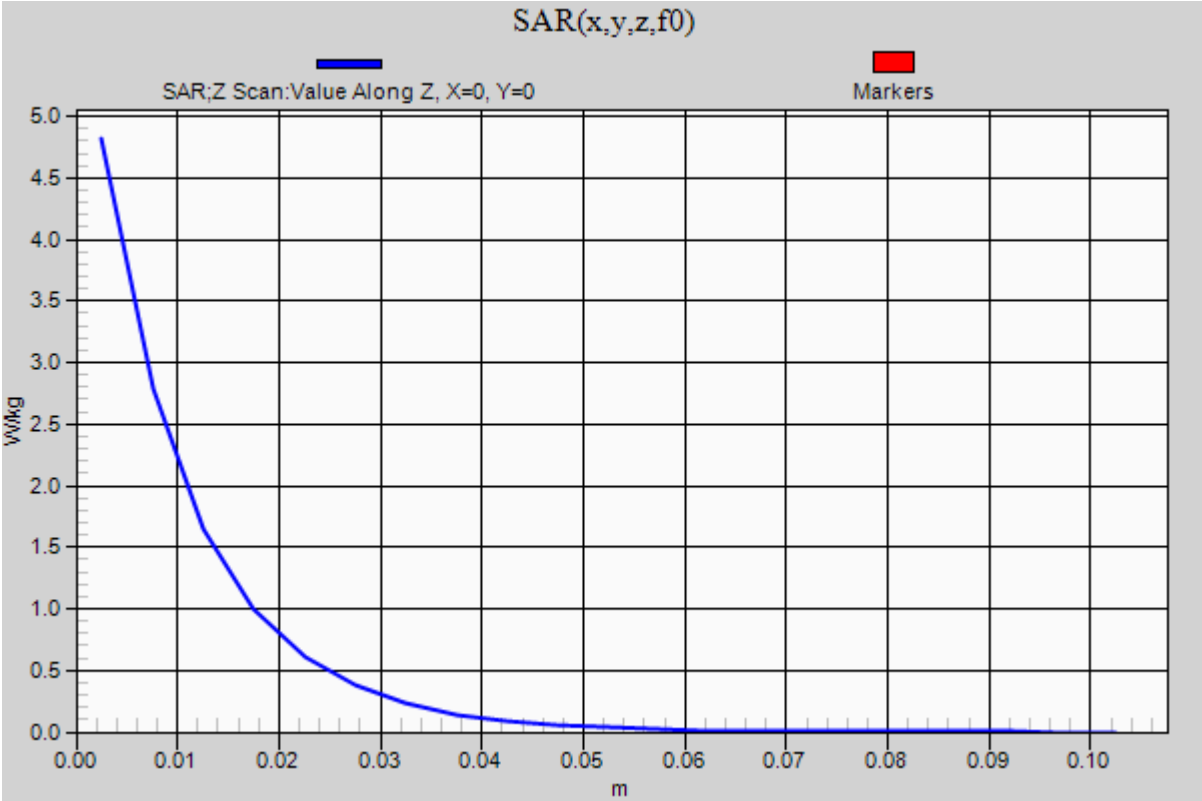


0 dB = 5.24 W/kg = 7.19 dBW/kg

20140403 SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 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) = 4.82 W/kg



20140408 SystemPerformanceCheck-D835V2 SN 4d002

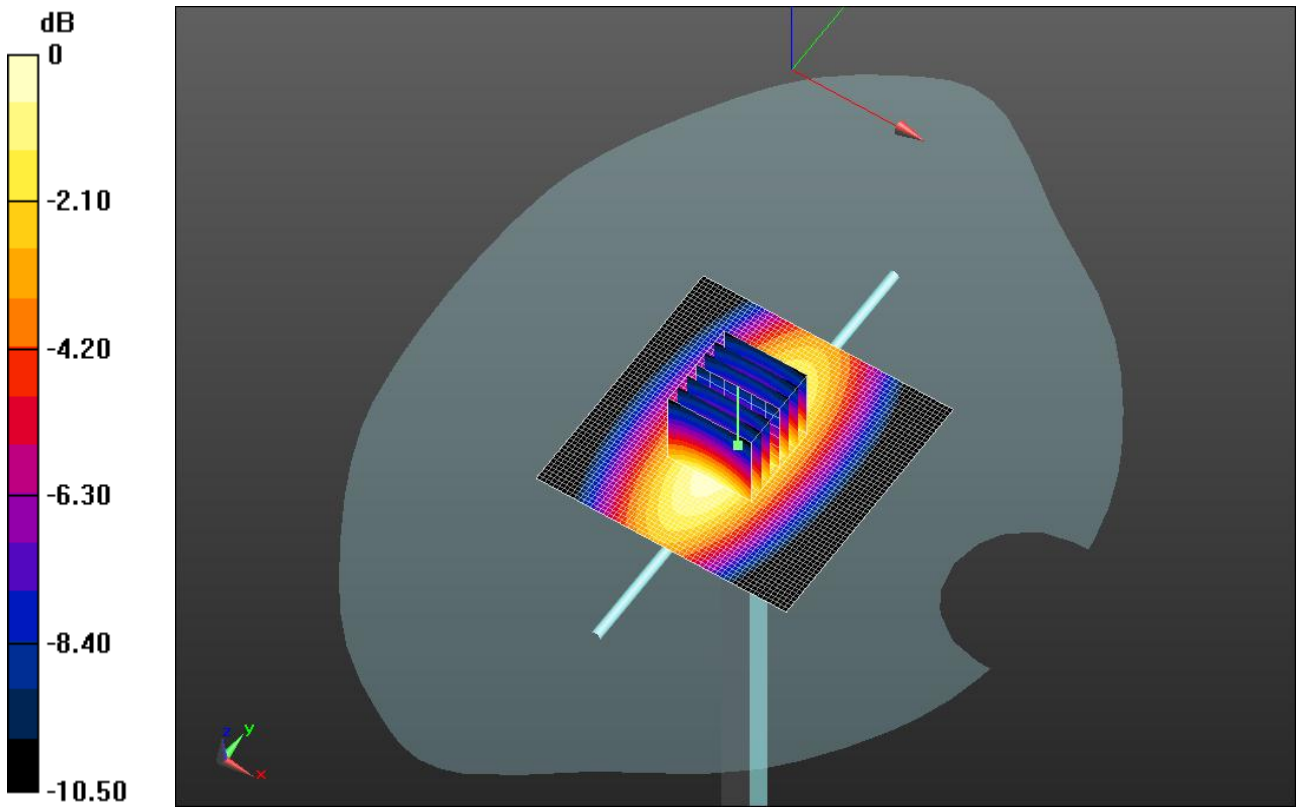
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835 MHz; σ = 0.904 S/m; ε_r = 40.96; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.45, 9.45, 9.45); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

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

Reference Value = 36.335 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 36.335 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.644 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

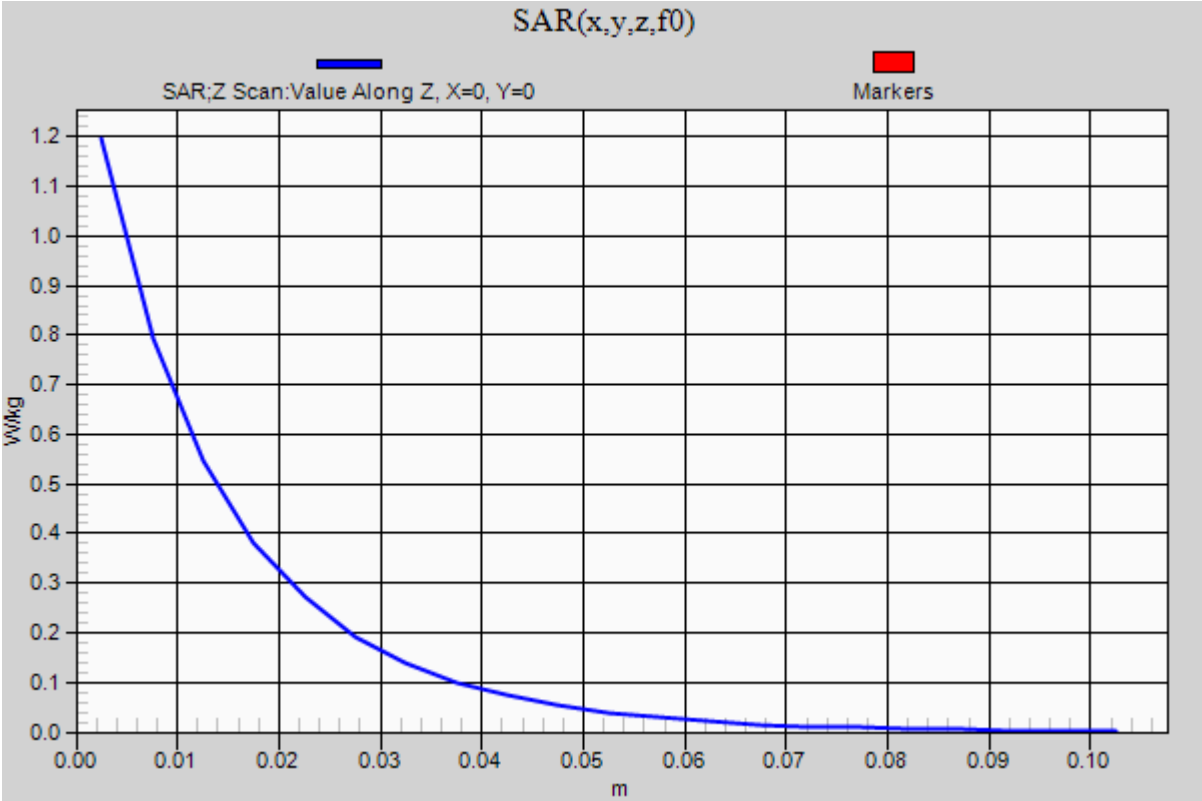


0 dB = 1.20 W/kg = 0.79 dBW/kg

20140408 SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 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) = 1.20 W/kg

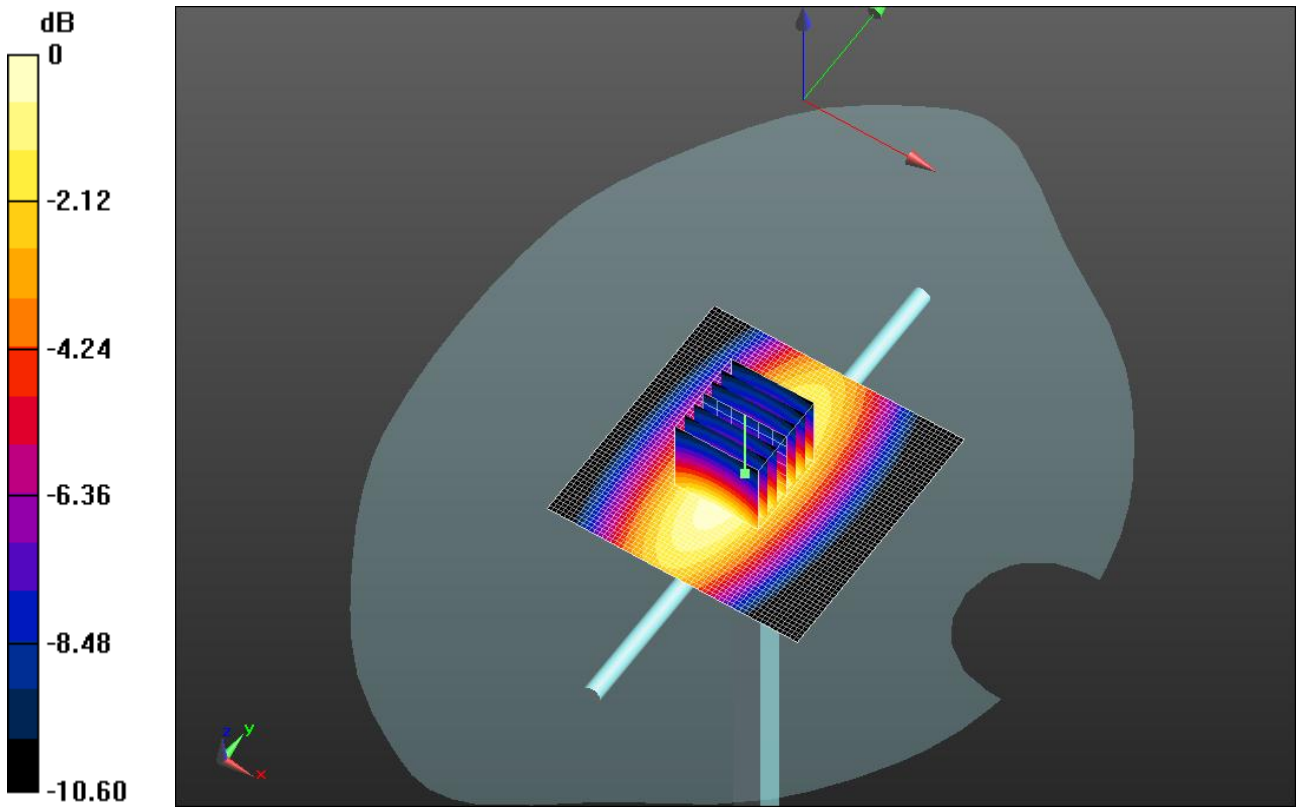


20140409 SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 750 MHz; σ = 0.899 S/m; ε_r = 40.345; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.77, 9.77, 9.77); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 33.325 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.570 W/kg
Maximum value of SAR (interpolated) = 0.992 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.325 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.528 W/kg
Maximum value of SAR (measured) = 0.991 W/kg

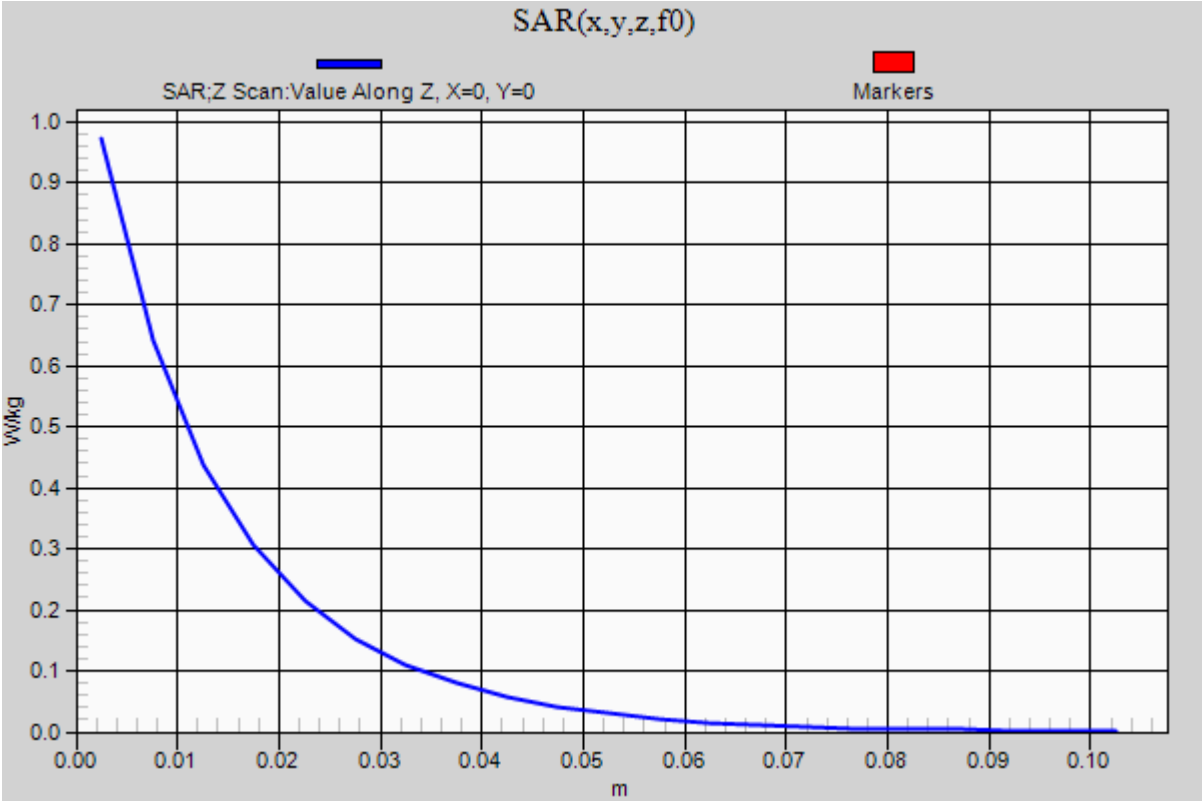


0 dB = 0.991 W/kg = -0.04 dBW/kg

20140409 SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 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) = 0.973 W/kg

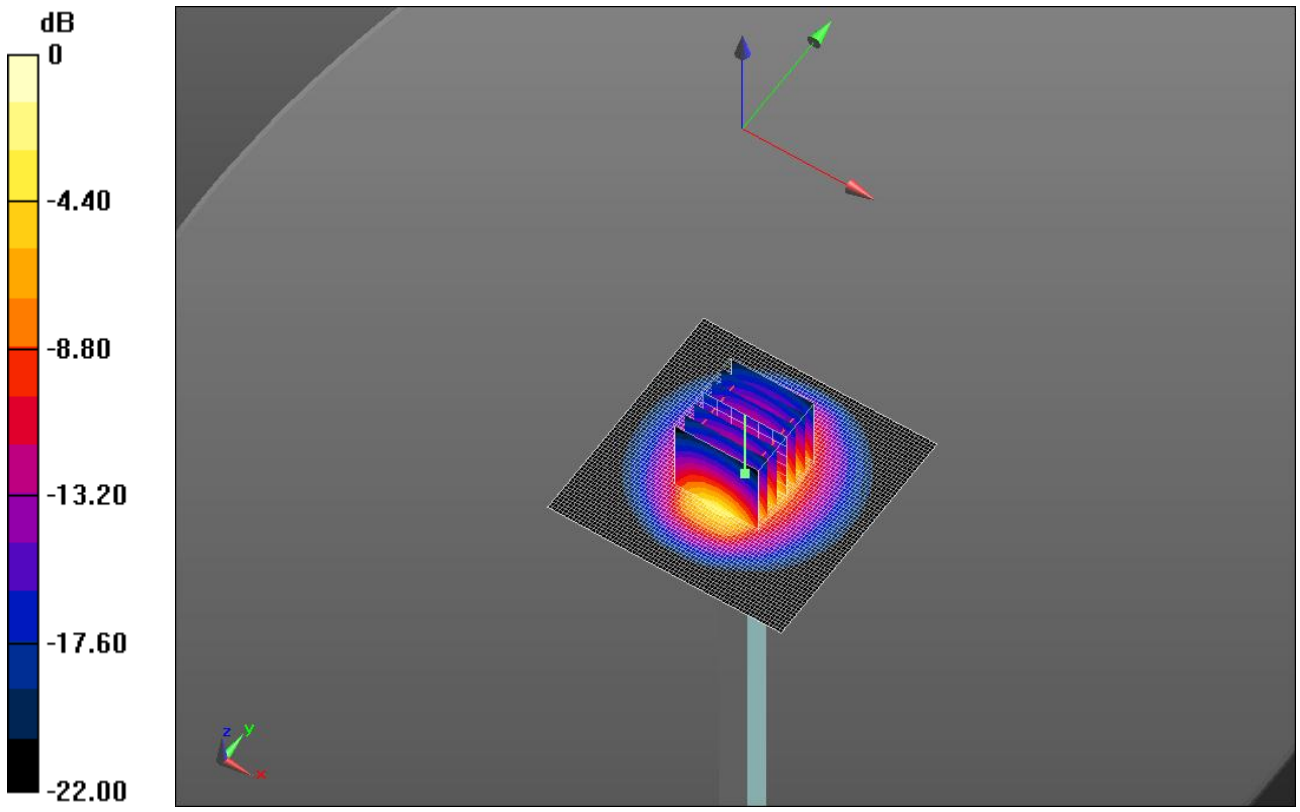


20140410 SystemPerformanceCheck-D2450V2 SN 706

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 = 1.996 S/m; ε_r = 50.971; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Body/Pin=100 mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 65.713 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 5.15 W/kg; SAR(10 g) = 2.24 W/kg
Maximum value of SAR (interpolated) = 7.52 W/kg

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 65.713 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 10.6 W/kg
SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.41 W/kg
Maximum value of SAR (measured) = 7.32 W/kg

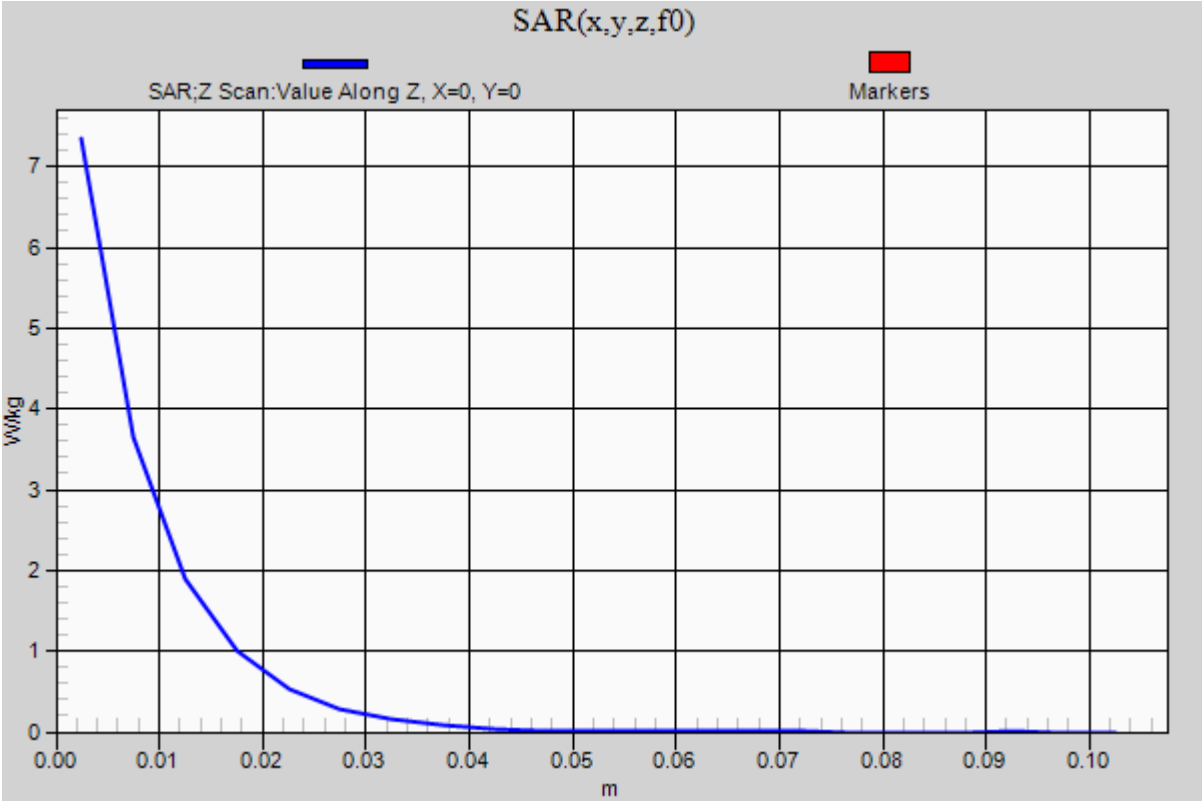


0 dB = 7.32 W/kg = 8.65 dBW/kg

20140410 SystemPerformanceCheck-D2450V2 SN 706

Frequency: 2450 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) = 7.35 W/kg

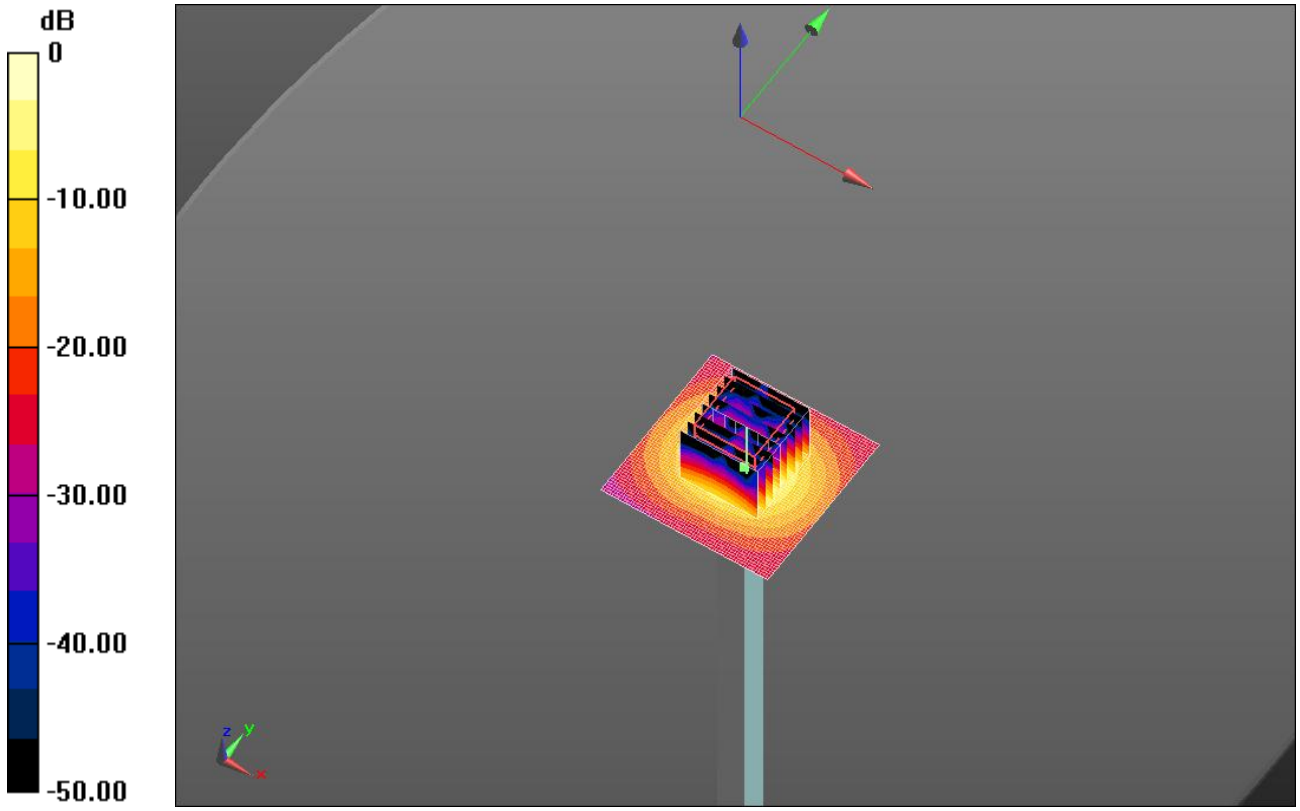


20140414 SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5600 MHz; σ = 5.85 S/m; ε_r = 47.734; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Body/5.6 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 52.507 V/m; Power Drift = 0.20 dB
Fast SAR: SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.06 W/kg
Maximum value of SAR (interpolated) = 20.8 W/kg

Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.507 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 36.6 W/kg
SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.32 W/kg
Maximum value of SAR (measured) = 20.0 W/kg

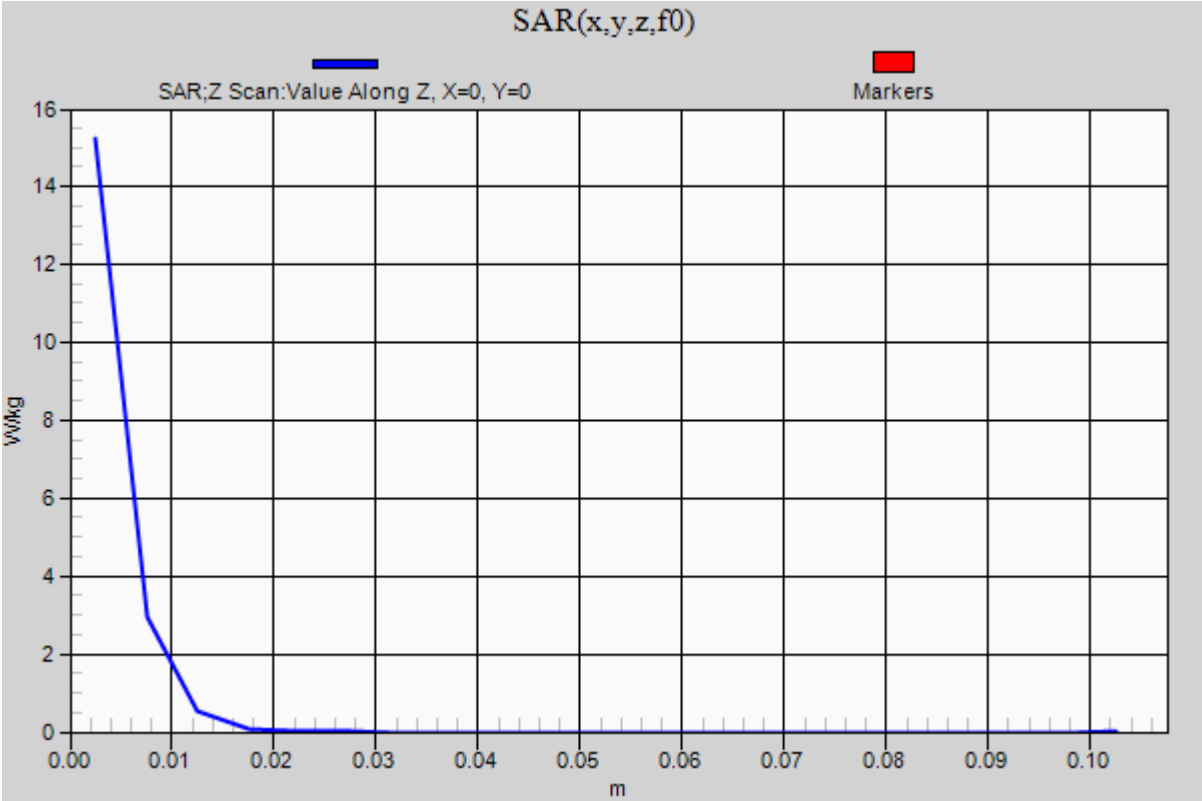


0 dB = 20.0 W/kg = 13.01 dBW/kg

20140414 SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5600 MHz; Duty Cycle: 1:1

Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 15.2 W/kg



20140418 SystemPerformanceCheck-D5GHzV2 SN 1138

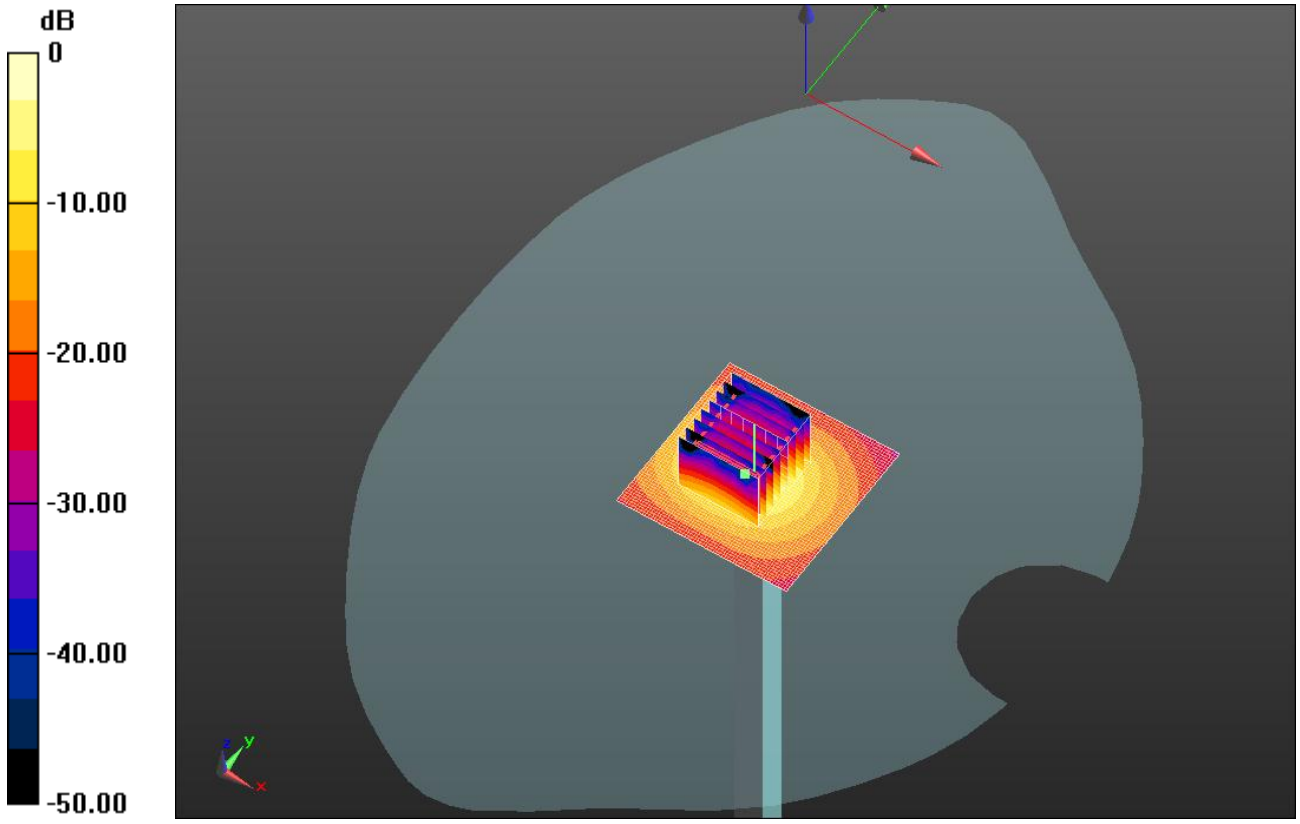
Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5200 MHz; σ = 4.434 S/m; ε_r = 35.795; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.88, 4.88, 4.88); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

Head/5.2 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 54.692 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.12 W/kg
Maximum value of SAR (interpolated) = 18.7 W/kg

Head/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.692 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 30.0 W/kg
SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.19 W/kg
Maximum value of SAR (measured) = 17.9 W/kg

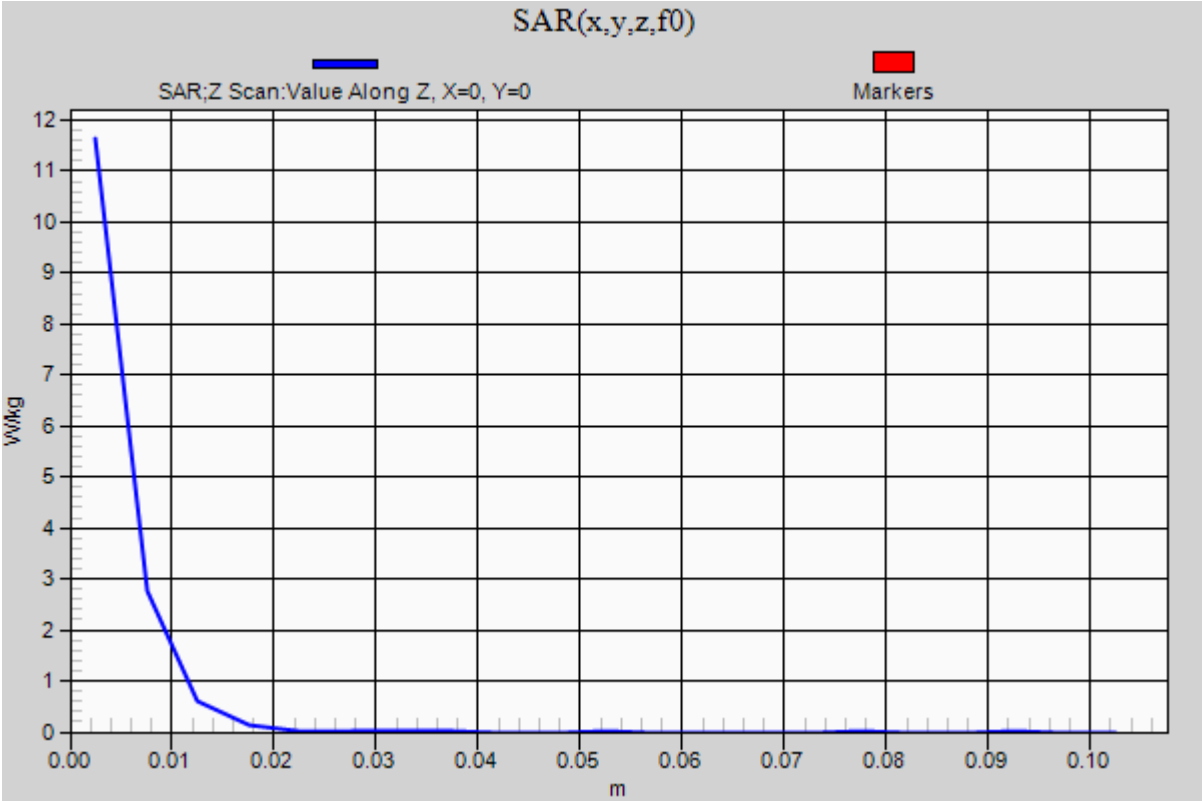


0 dB = 17.9 W/kg = 12.53 dBW/kg

20140418 SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

Head/5.2 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 11.6 W/kg

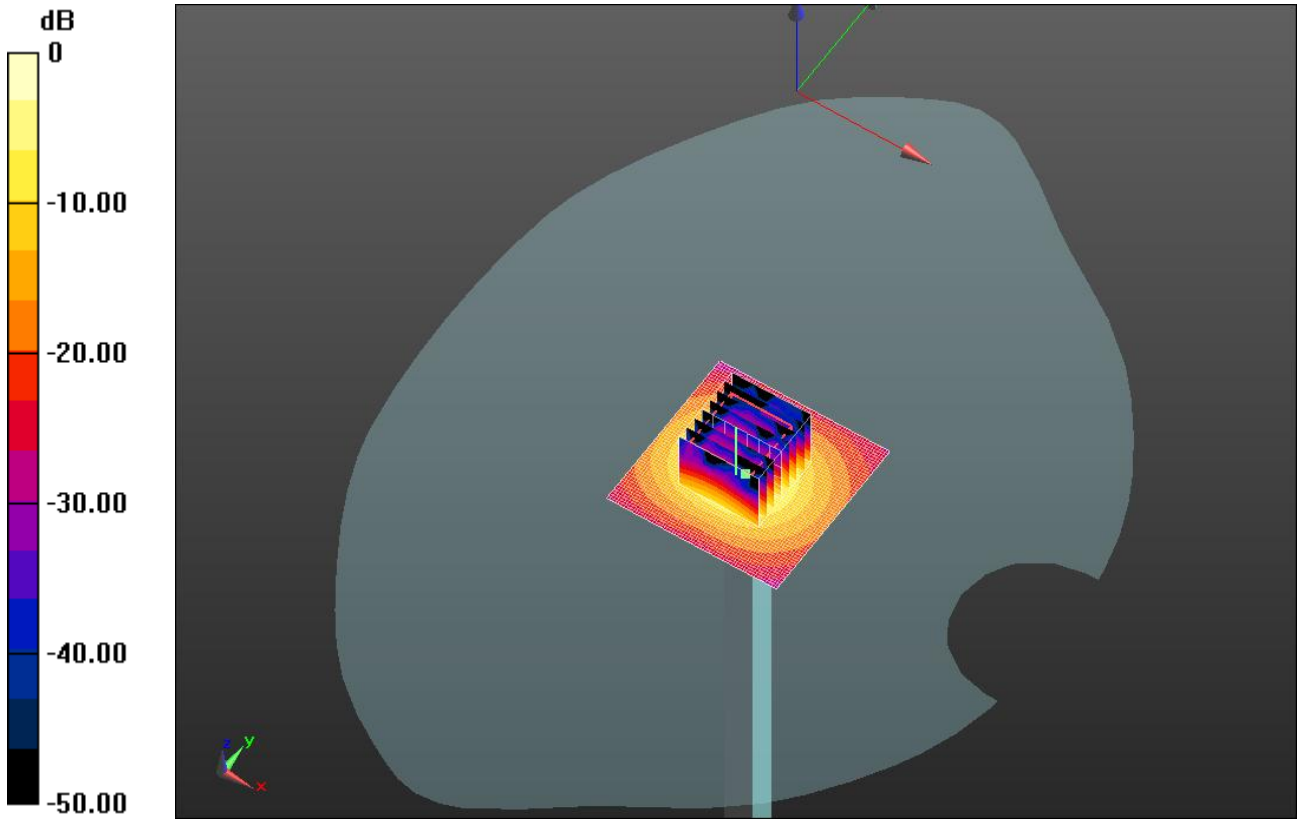


20140422 SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5800 MHz; σ = 5.071 S/m; ε_r = 36.843; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.53, 4.53, 4.53); Calibrated: 7/22/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

Head/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 52.132 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 6.7 W/kg; SAR(10 g) = 1.85 W/kg
Maximum value of SAR (interpolated) = 18.8 W/kg

Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.132 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 7.29 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 18.1 W/kg

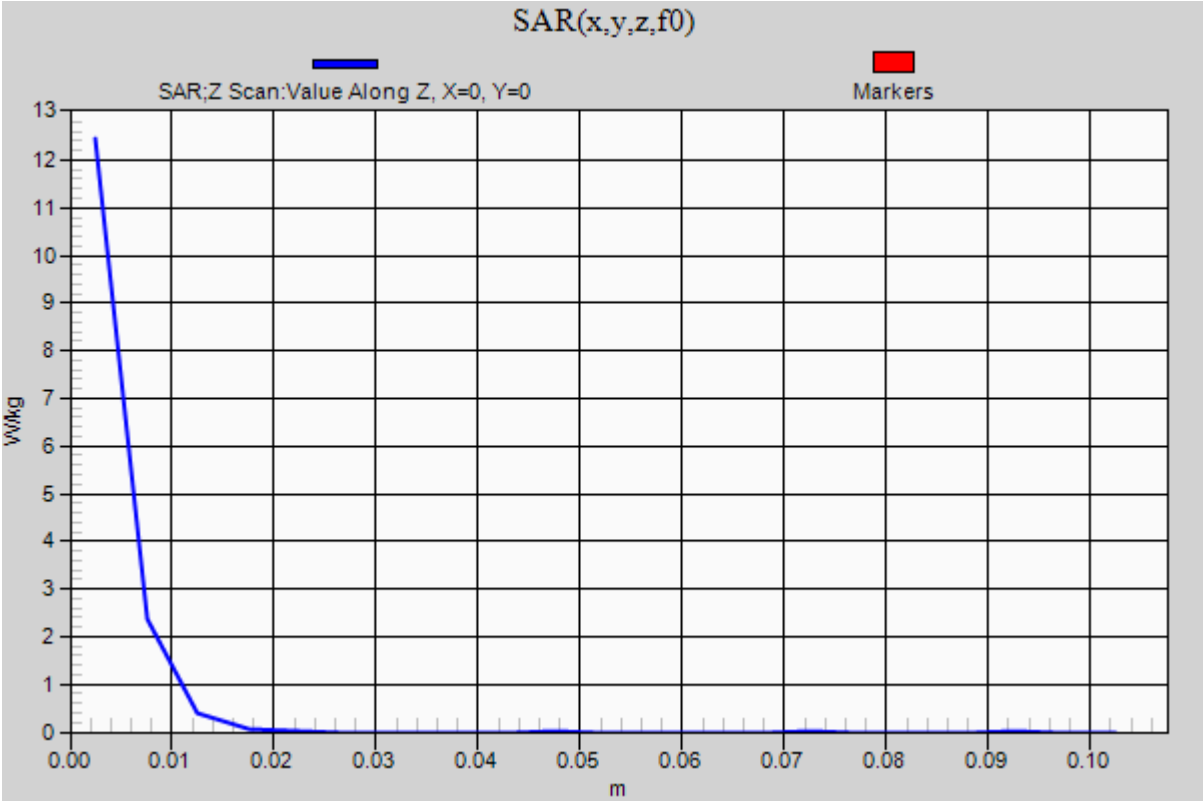


0 dB = 18.1 W/kg = 12.58 dBW/kg

20140422 SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5800 MHz; Duty Cycle: 1:1

Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.4 W/kg



GSM850

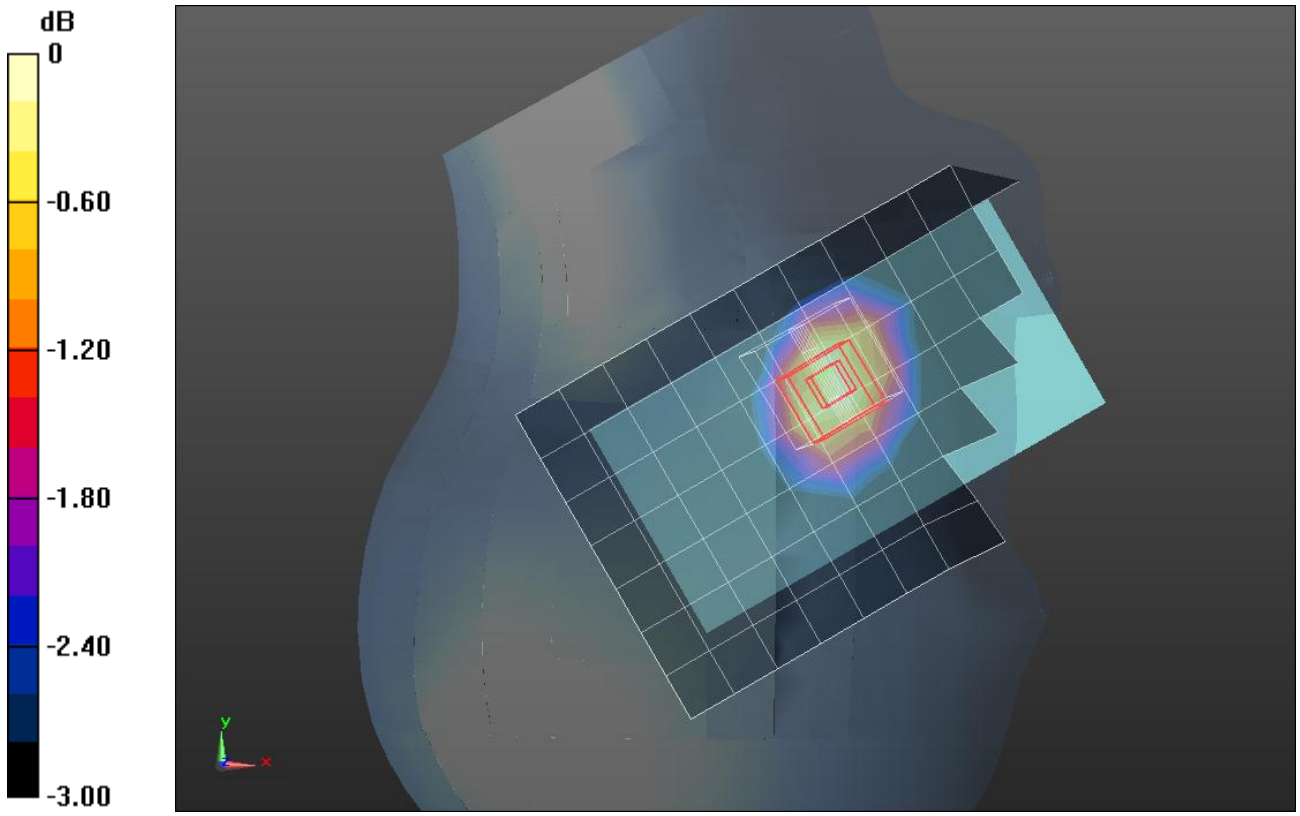
Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 41.709; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.05, 9.05, 9.05); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Touch_GSM_Voice_ch 190/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.275 W/kg

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

Reference Value = 17.311 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.197 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.41 dBW/kg

GSM850

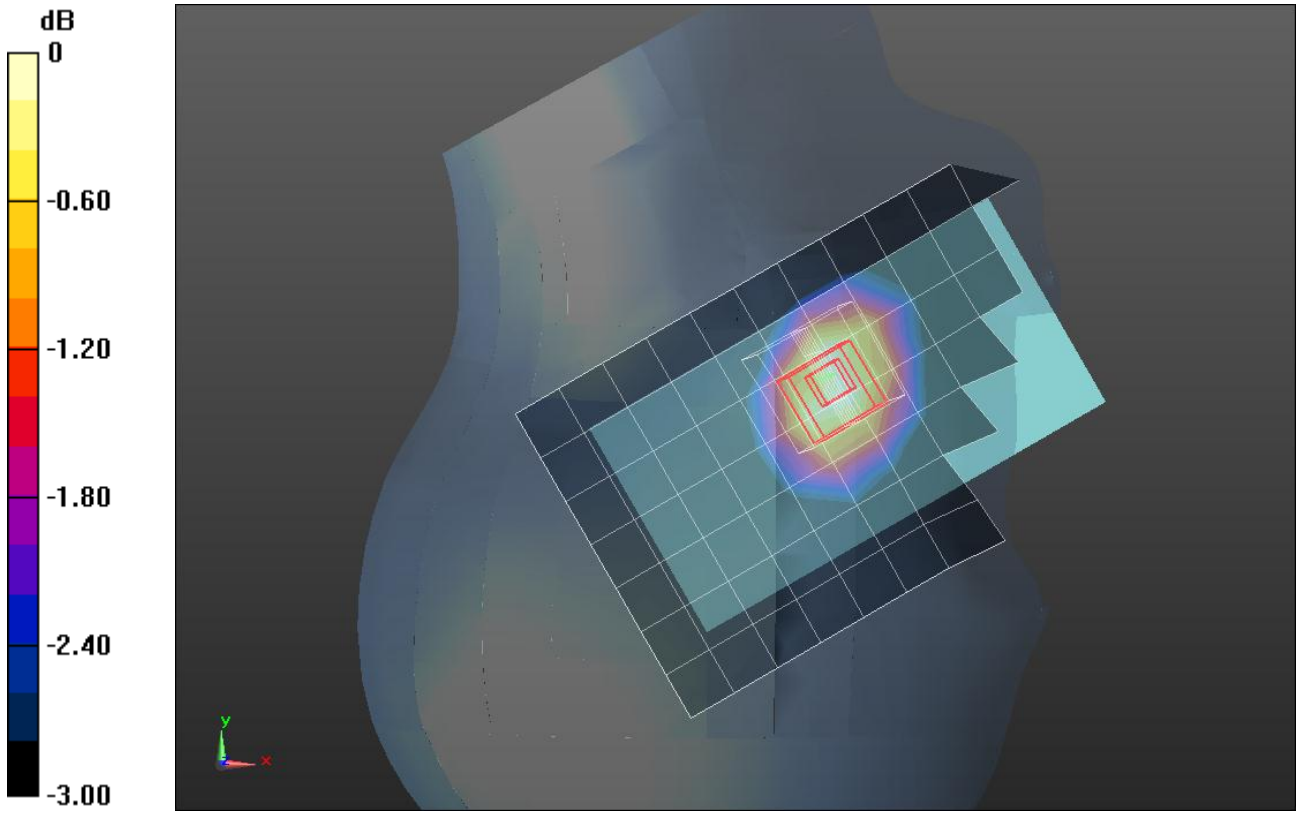
Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 41.709; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.05, 9.05, 9.05); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Touch_GPRS_2 Slots_ch 190/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.320 W/kg

RHS/Touch_GPRS_2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.392 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.360 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.221 W/kg
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.320 W/kg = -4.95 dBW/kg

GSM850

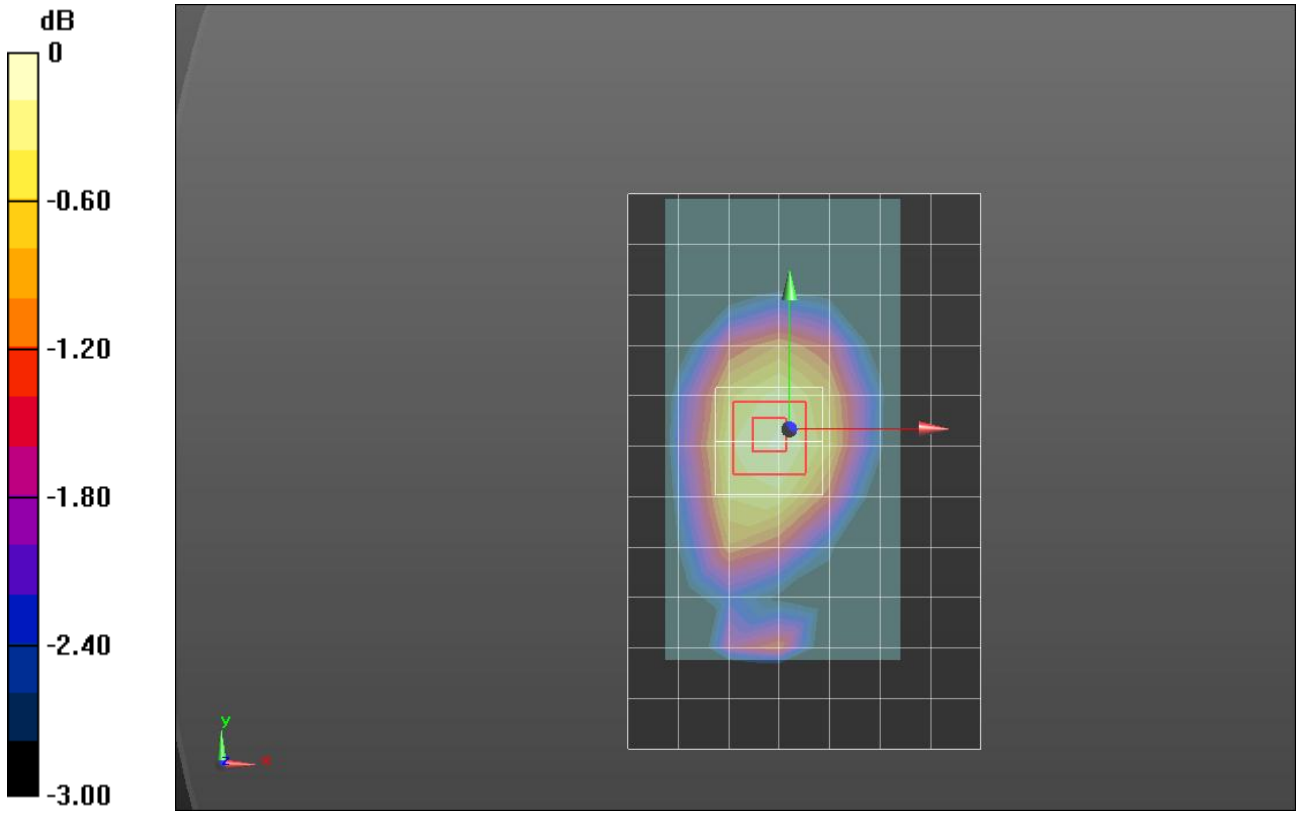
Frequency: 836.6 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.018 S/m; ε_r = 53.499; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.21, 9.21, 9.21); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/GSM_GMSK_Ch 190/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 18.174 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.229 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

GSM850

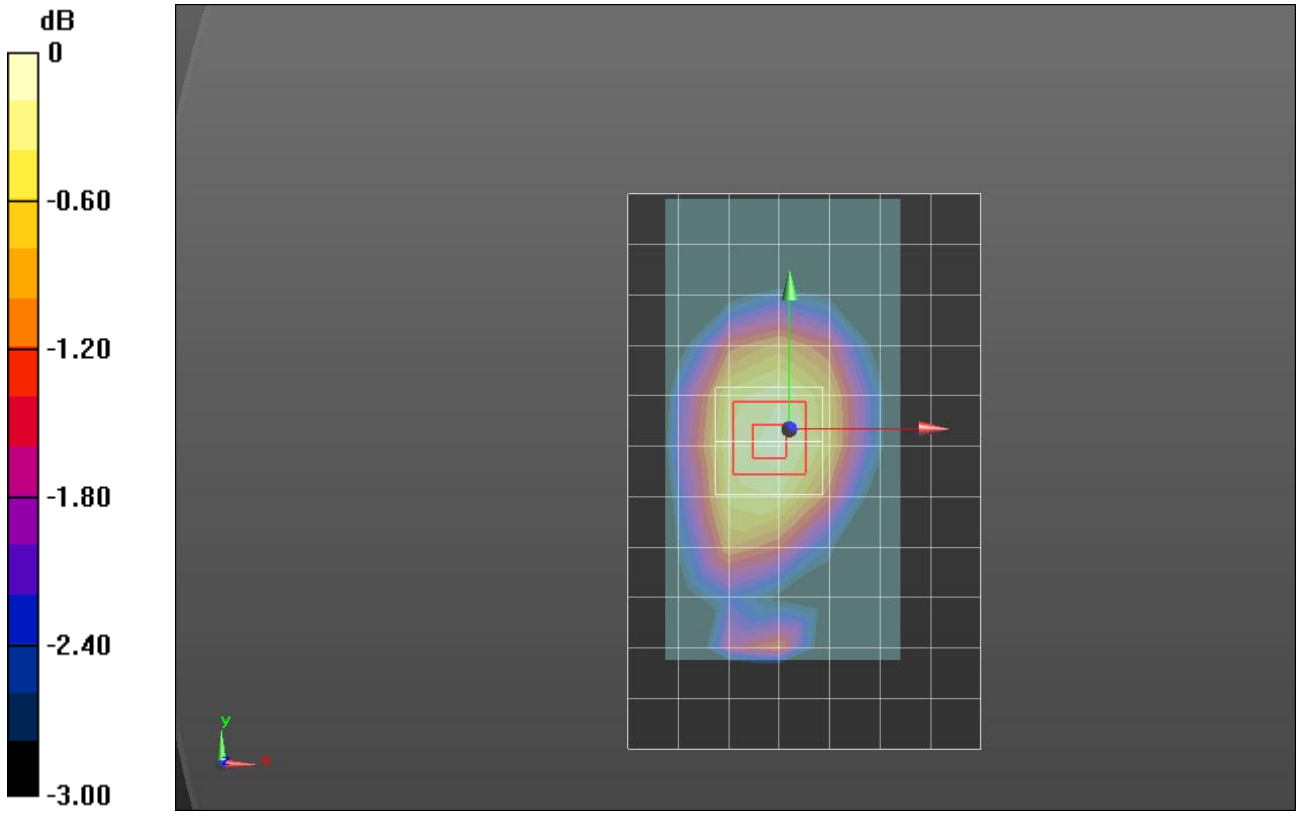
Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.018 S/m; ε_r = 53.499; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.21, 9.21, 9.21); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/GSM_GPRS_Ch 190 2 slots/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.395 W/kg

Rear/GSM_GPRS_Ch 190 2 slots/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.173 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.456 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.271 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.402 W/kg



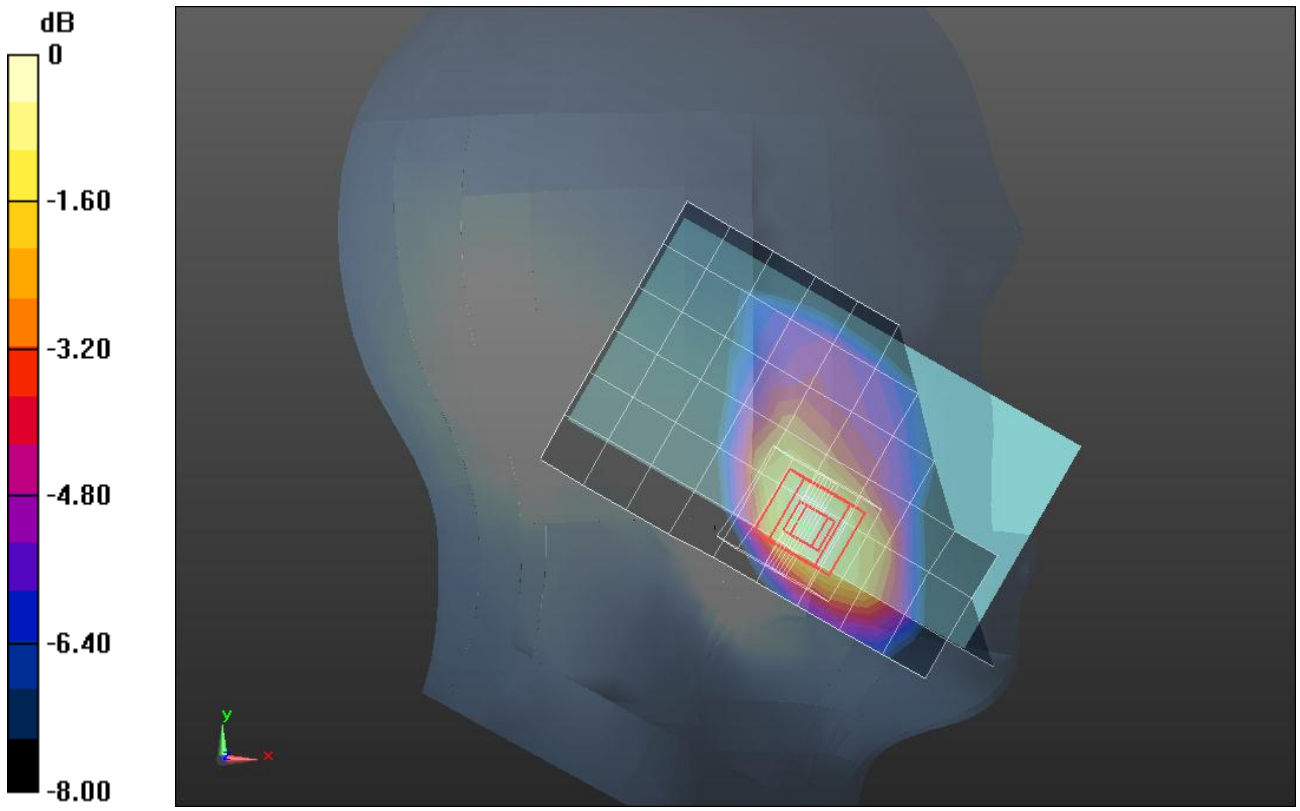
0 dB = 0.402 W/kg = -3.96 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.415 S/m; ε_r = 38.946; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.81, 7.81, 7.81); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GSM_Voice_ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.391 W/kg

LHS/Touch_GSM_Voice_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.615 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.444 W/kg



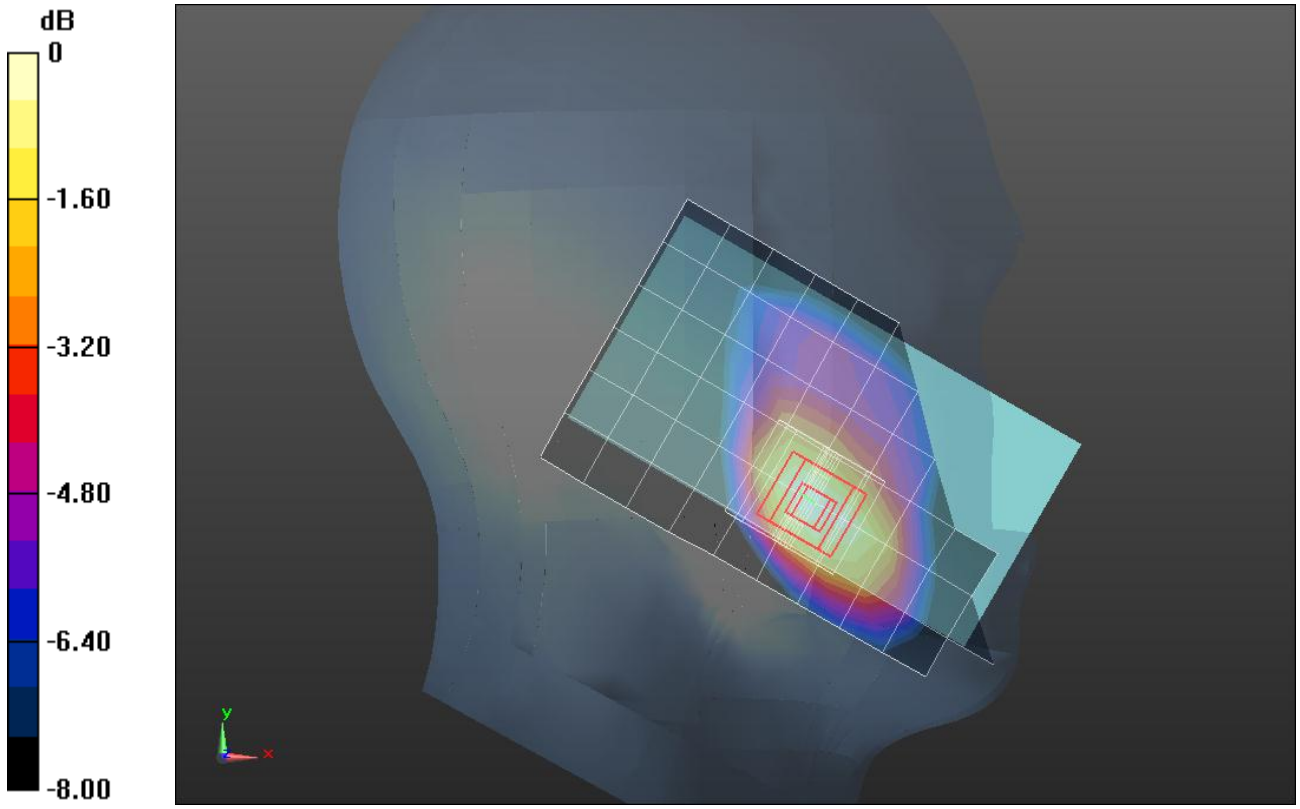
0 dB = 0.444 W/kg = -3.53 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.415 S/m; ε_r = 38.946; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.81, 7.81, 7.81); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GPRS_2 Slots_ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.532 W/kg

LHS/Touch_GPRS_2 Slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.434 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.519 W/kg



0 dB = 0.519 W/kg = -2.85 dBW/kg

GSM1900

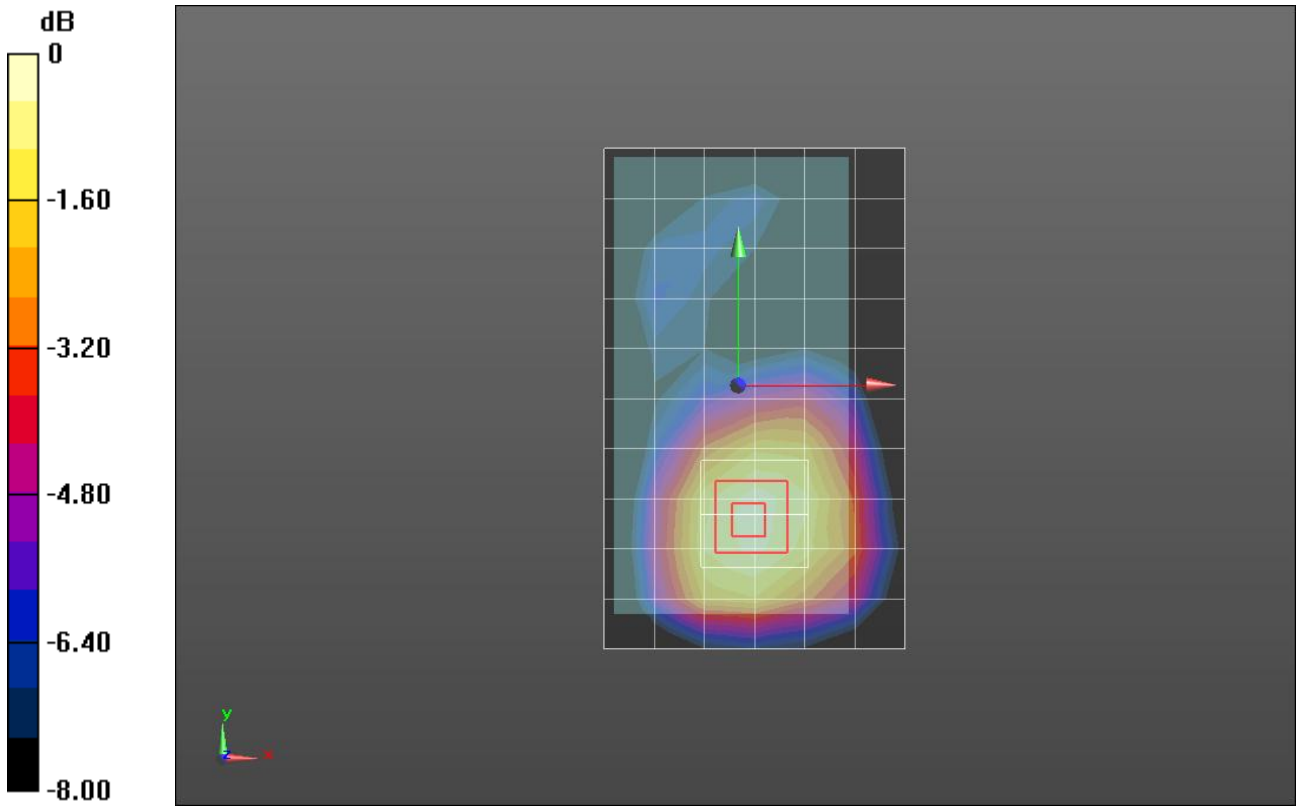
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.54 S/m; ε_r = 51.874; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.4, 7.4, 7.4); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Rear/GSM_GMSK_Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.529 W/kg

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

Reference Value = 19.151 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.690 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.296 W/kg
Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.54 S/m; ε_r = 51.874; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.4, 7.4, 7.4); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Front/GSM_GPRS_Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.696 W/kg

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

Reference Value = 21.036 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.669 W/kg

0 dB = 0.669 W/kg = -1.75 dBW/kg

WCDMA Band V

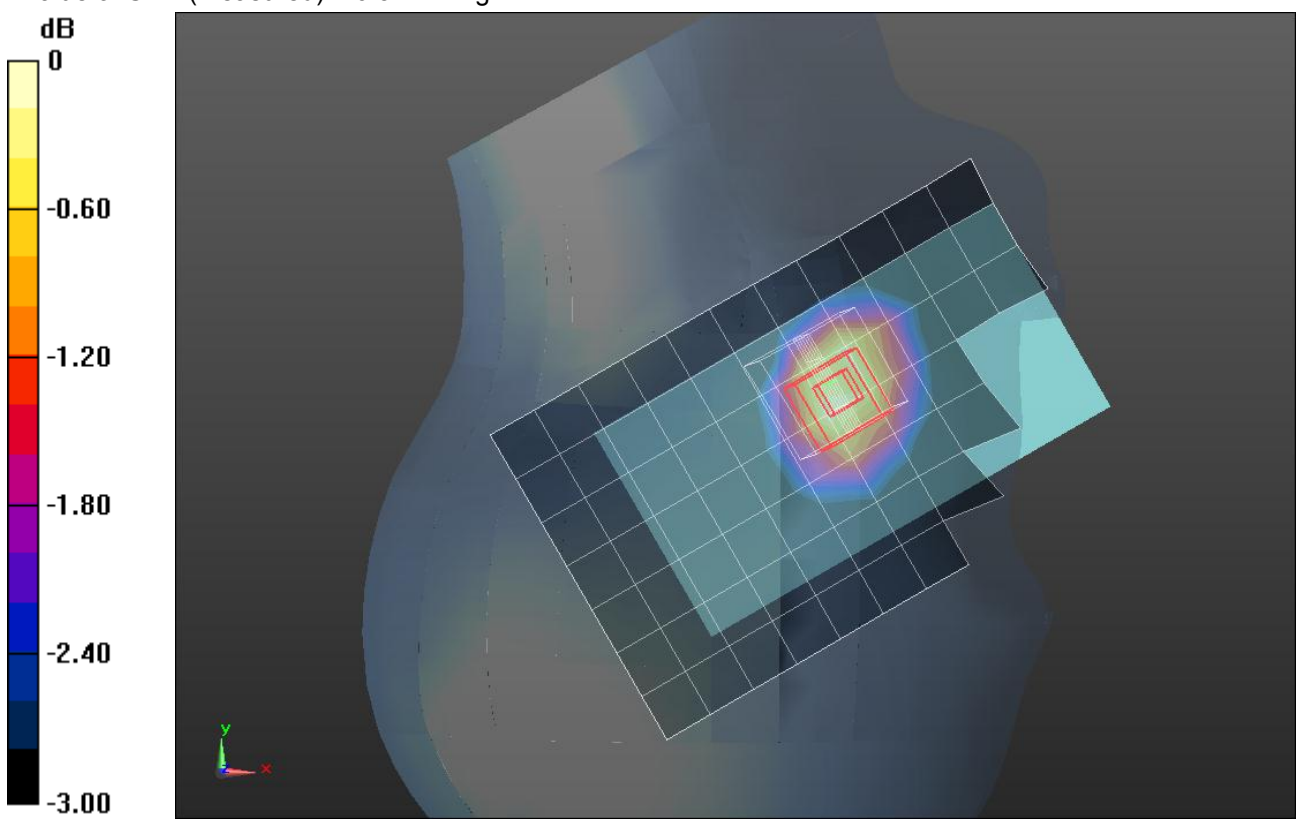
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 41.709; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.05, 9.05, 9.05); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: TP 1751

RHS/Touch_Re. 99_RMC_ch 4183/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.355 W/kg

RHS/Touch_Re. 99_RMC_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.531 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.255 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

WCDMA Band V

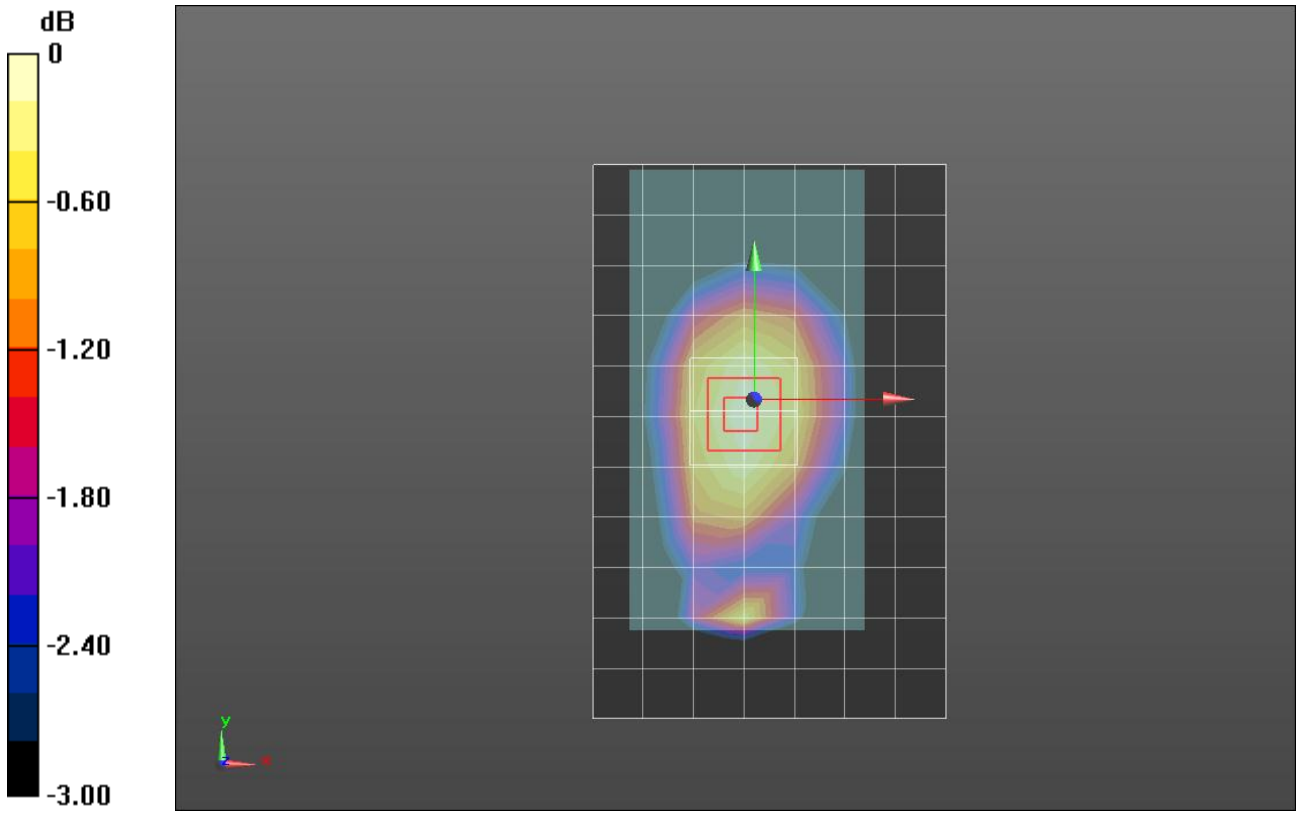
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.018 S/m; ε_r = 53.499; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.21, 9.21, 9.21); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Rear/Rel. 99_RMC_Ch 4183/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.454 W/kg

Rear/Rel. 99_RMC_Ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.888 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.307 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

WCDMA Band V

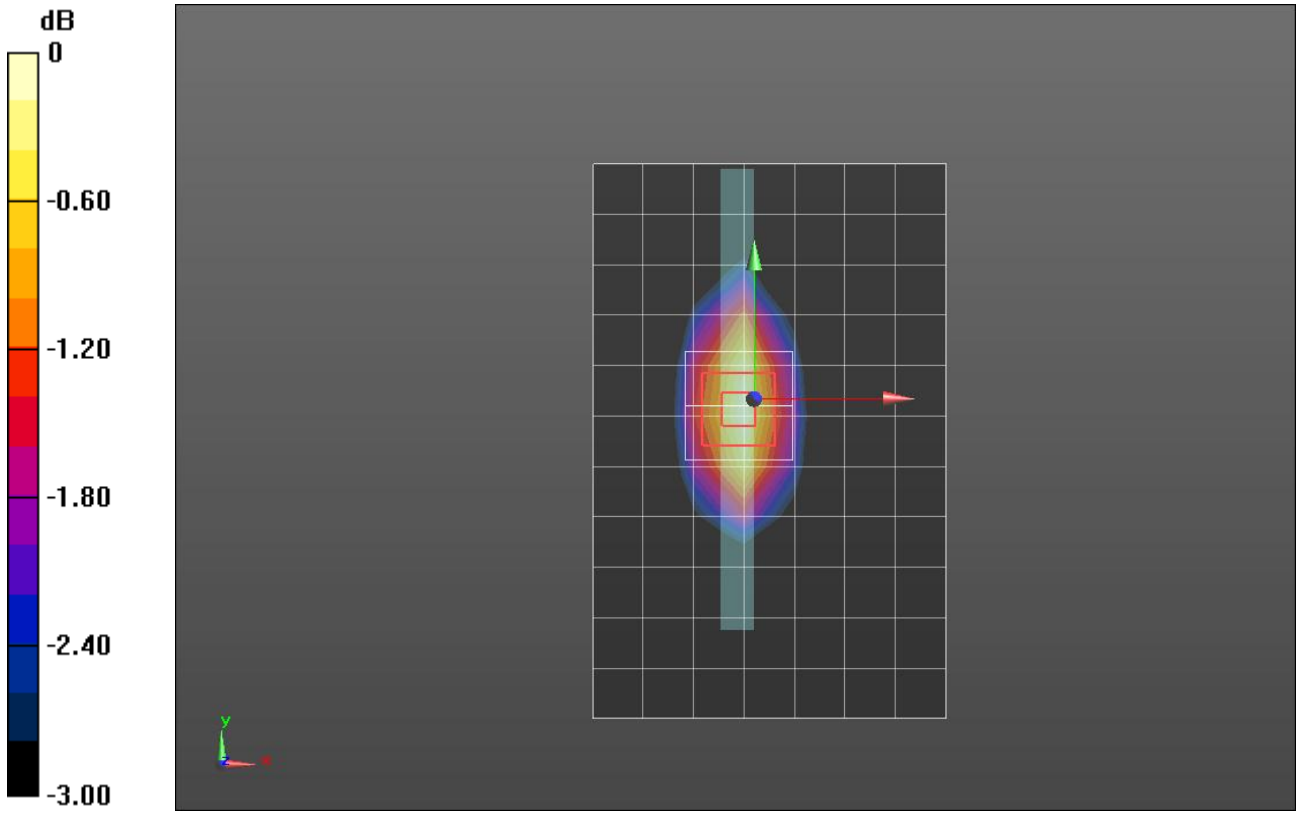
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.018 S/m; ε_r = 53.499; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/21/2014
- Probe: EX3DV4 - SN3929; ConvF(9.21, 9.21, 9.21); Calibrated: 6/24/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-A v5.0; Type: QDOVA002AA; Serial: TP 1194

Edge 2/Rel. 99_RMC_Ch 4183/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.504 W/kg

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

Reference Value = 18.888 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.294 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.502 W/kg



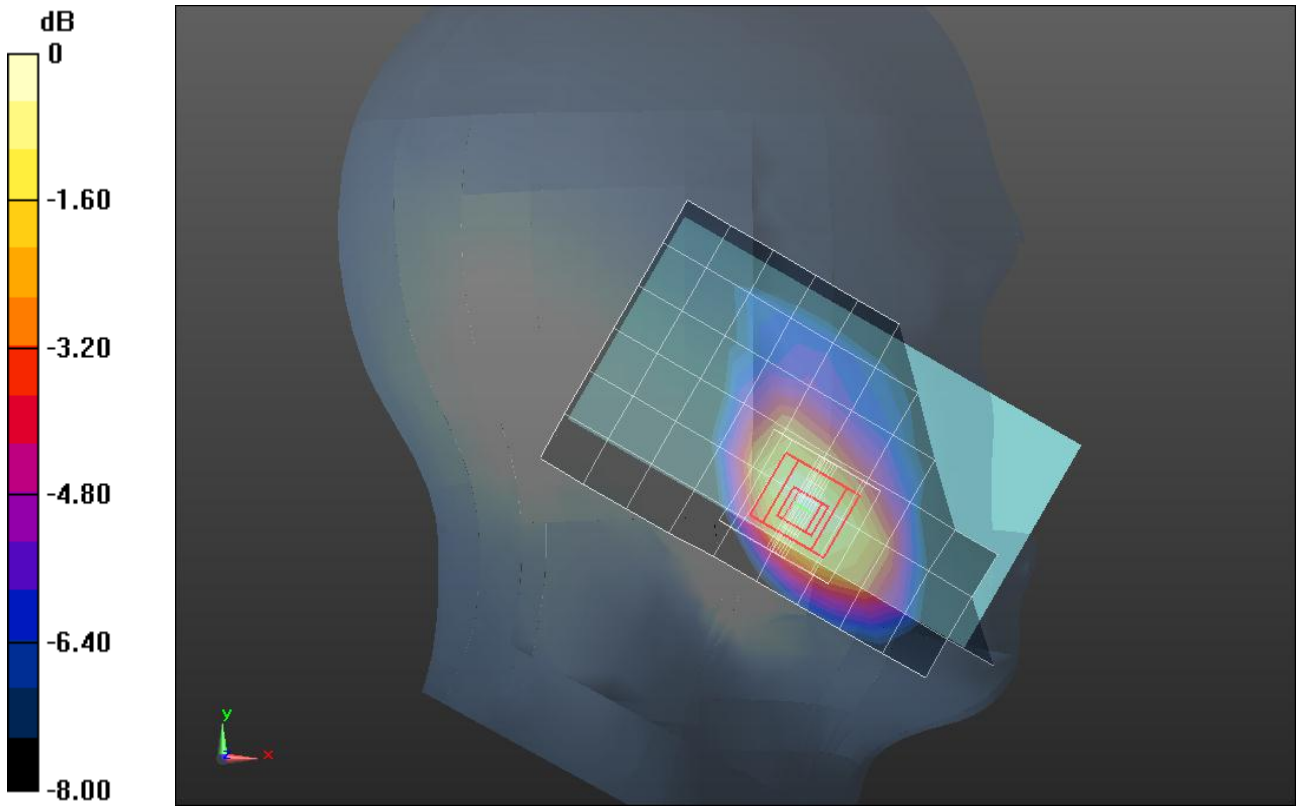
0 dB = 0.502 W/kg = -2.99 dBW/kg

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 (interpolated): f = 1907.6 MHz; σ = 1.442 S/m; ε_r = 38.818; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.81, 7.81, 7.81); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_Rel. 99_RMC_ch 9538/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg

LHS/Touch_Rel. 99_RMC_ch 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.316 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.551 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

WCDMA Band II

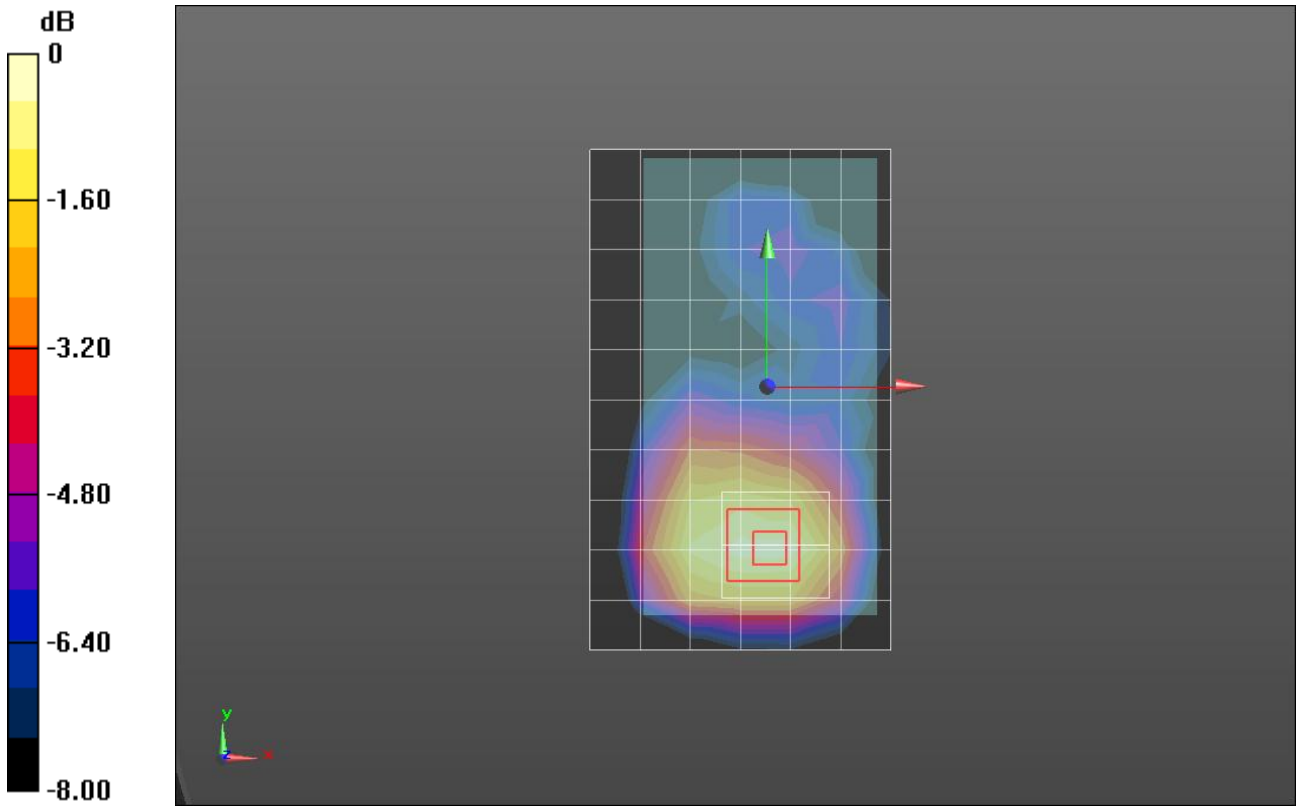
Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.51 S/m; ε_r = 51.987; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.4, 7.4, 7.4); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Front/Rel. 99_RMC_Ch 9262/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 W/kg

Front/Rel. 99_RMC_Ch 9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.787 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.610 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 W/kg



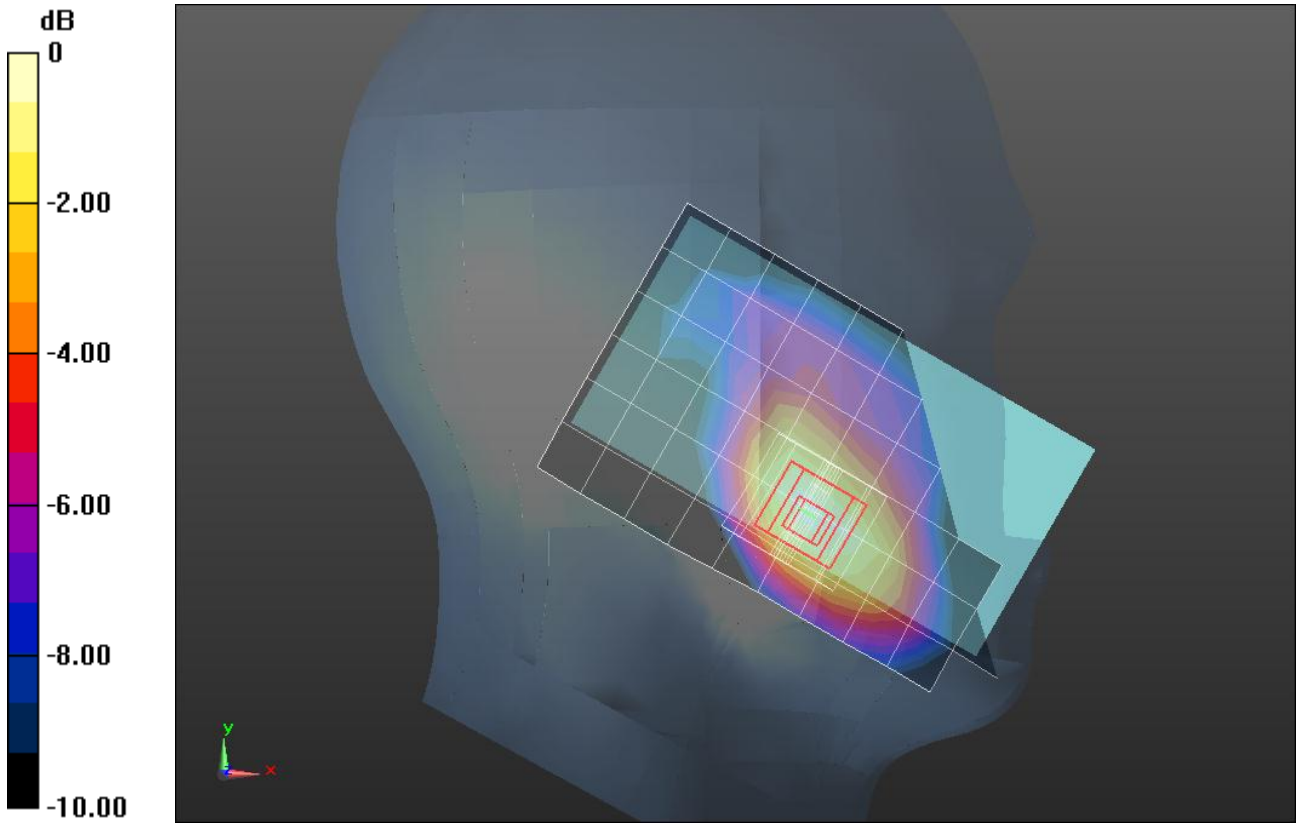
0 dB = 1.16 W/kg = 0.64 dBW/kg

LTE Band 2

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1905 MHz; σ = 1.422 S/m; ε_r = 39.883; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.81, 7.81, 7.81); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK_1/0 RB_Ch 19150/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.26 W/kg

LHS/Touch_QPSK_1/0 RB_Ch 19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.834 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.647 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



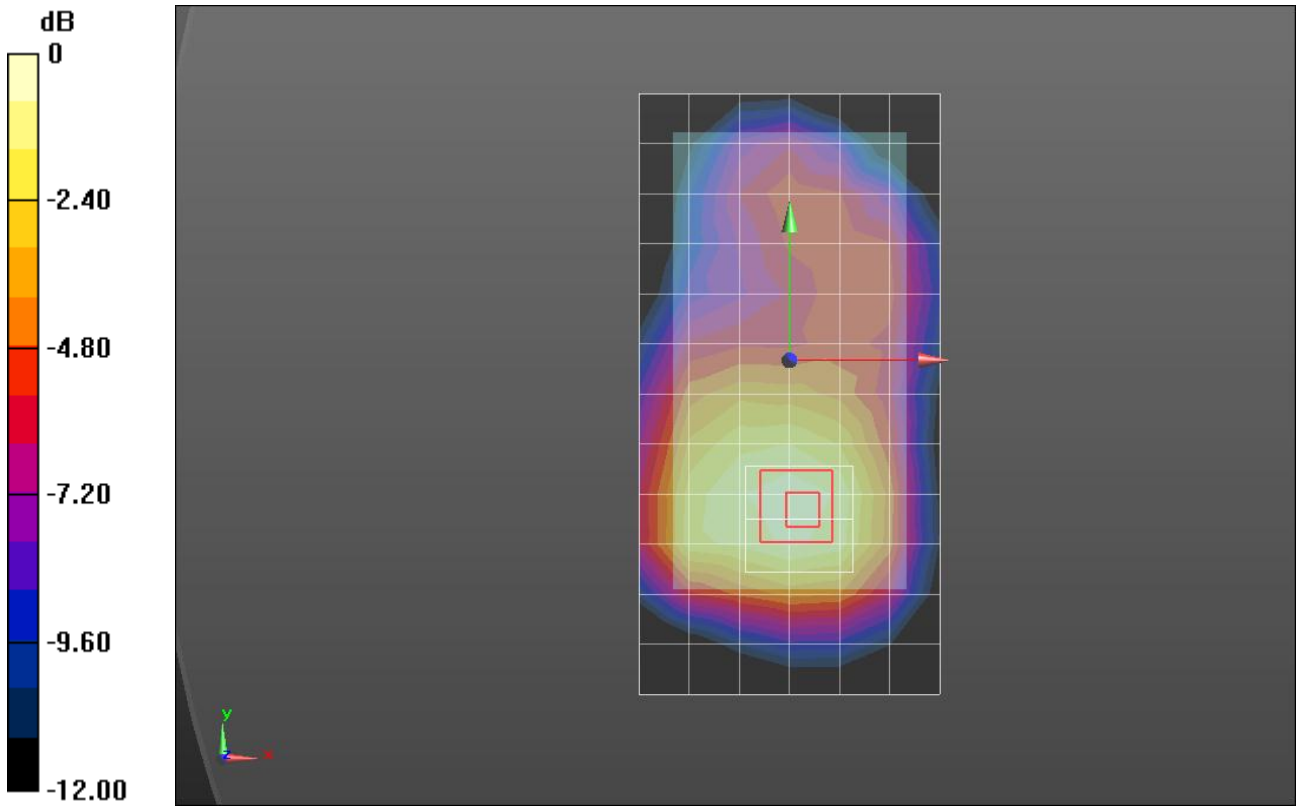
0 dB = 1.27 W/kg = 1.04 dBW/kg

LTE Band 2

Frequency: 1855 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1855 MHz; σ = 1.491 S/m; ε_r = 51.4; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.4, 7.4, 7.4); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Front/QPSK_1/25 RB_Ch 18650/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.983 W/kg

Front/QPSK_1/25 RB_Ch 18650/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.943 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



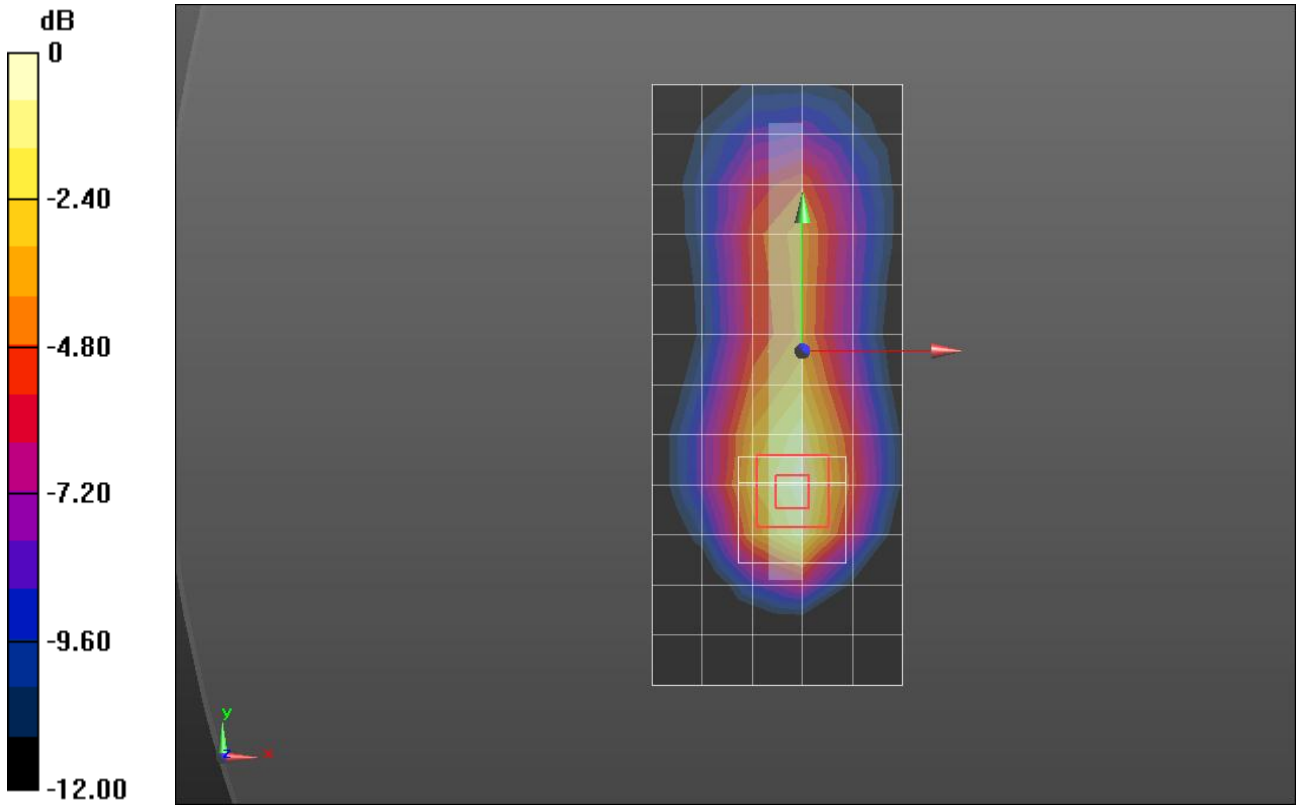
0 dB = 1.03 W/kg = 0.13 dBW/kg

LTE Band 2

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1905 MHz; σ = 1.545 S/m; ε_r = 51.214; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(7.4, 7.4, 7.4); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Edge 4/QPSK_1/0 RB_Ch 19150/10mm/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Edge 4/QPSK_1/0 RB_Ch 19150/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.489 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



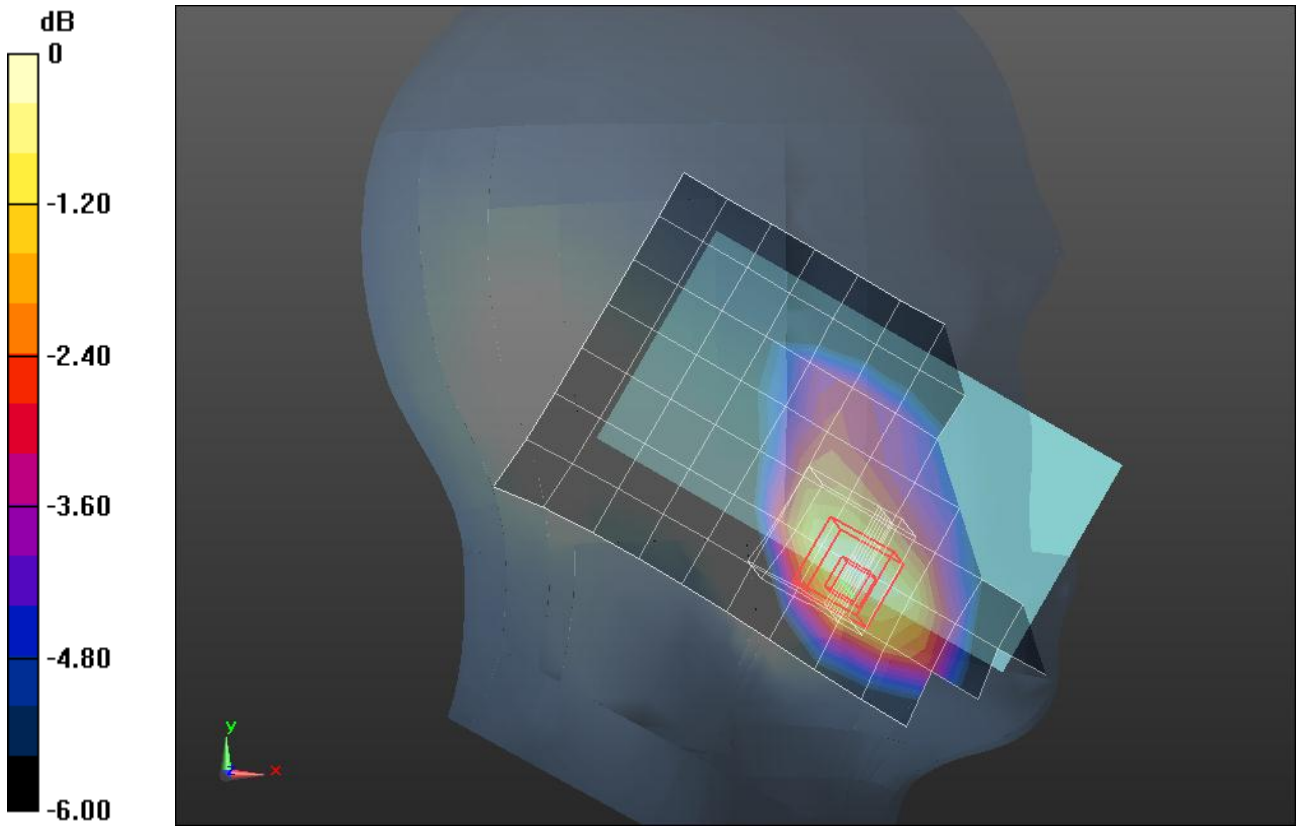
0 dB = 1.10 W/kg = 0.41 dBW/kg

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 (interpolated): f = 1732.5 MHz; σ = 1.333 S/m; ε_r = 39.425; 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 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.9, 8.9, 8.9); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CA; Serial: 1185

LHS/Touch_QPSK_1/0 RB_Ch 20175/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.555 W/kg

LHS/Touch_QPSK_1/0 RB_Ch 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.502 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.712 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.306 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

LTE Band 4

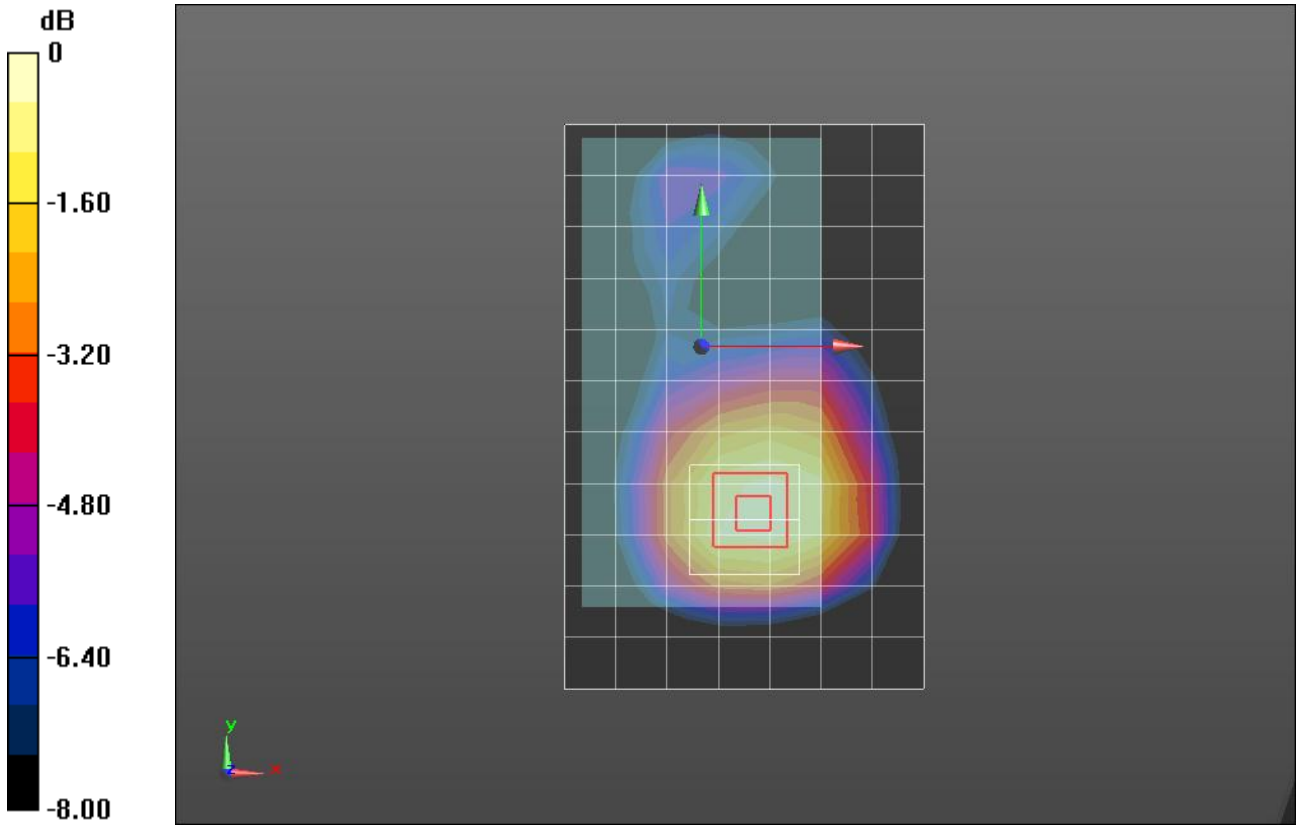
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.453 S/m; ε_r = 51.382; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Probe: EX3DV3 - SN3531; ConvF(8.69, 8.69, 8.69); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI B v4.0; Type: QDOVA002AA; Serial: 1196

Rear/QPSK_1/0 RB_Ch.20175/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.799 W/kg

Rear/QPSK_1/0 RB_Ch.20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.560 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.469 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.858 W/kg



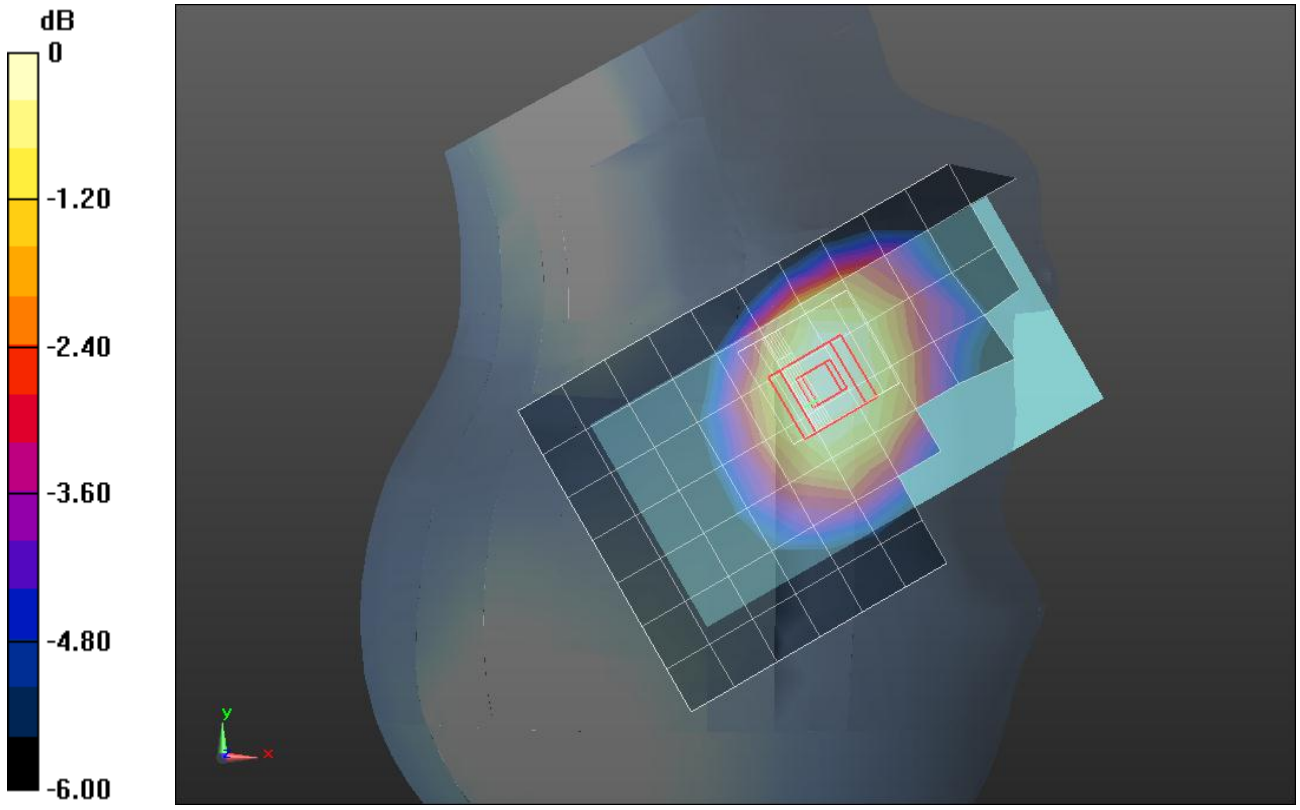
0 dB = 0.858 W/kg = -0.67 dBW/kg

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 = 0.906 S/m; ε_r = 40.941; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.45, 9.45, 9.45); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

RHS/Touch_QPSK_1/49 RB_Ch.20525/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.290 W/kg

RHS/Touch_QPSK_1/49 RB_Ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.951 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.196 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

LTE Band 5

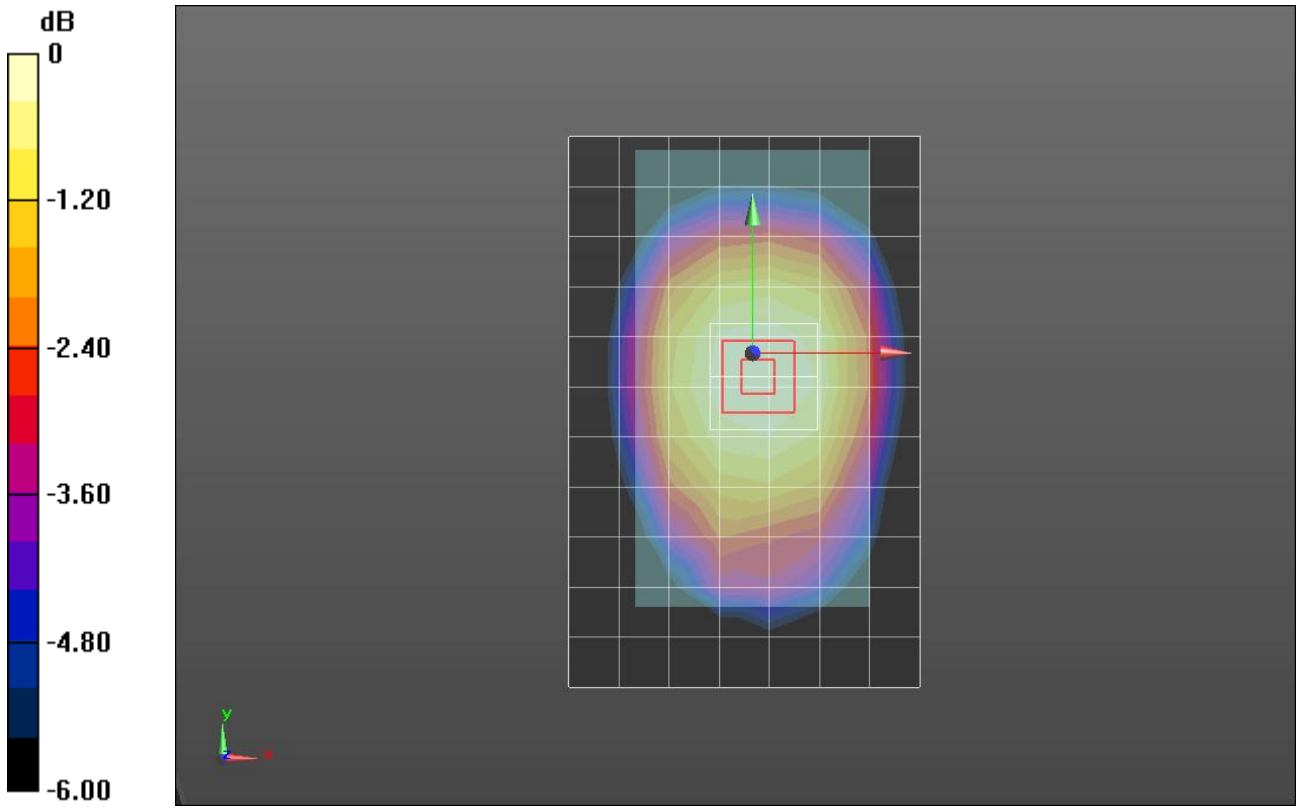
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 S/m; ε_r = 55.414; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.3, 9.3, 9.3); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Front/QPSK_1/49 RB_Ch.20525/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.407 W/kg

Front/QPSK_1/49 RB_Ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.272 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.288 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

LTE Band 5

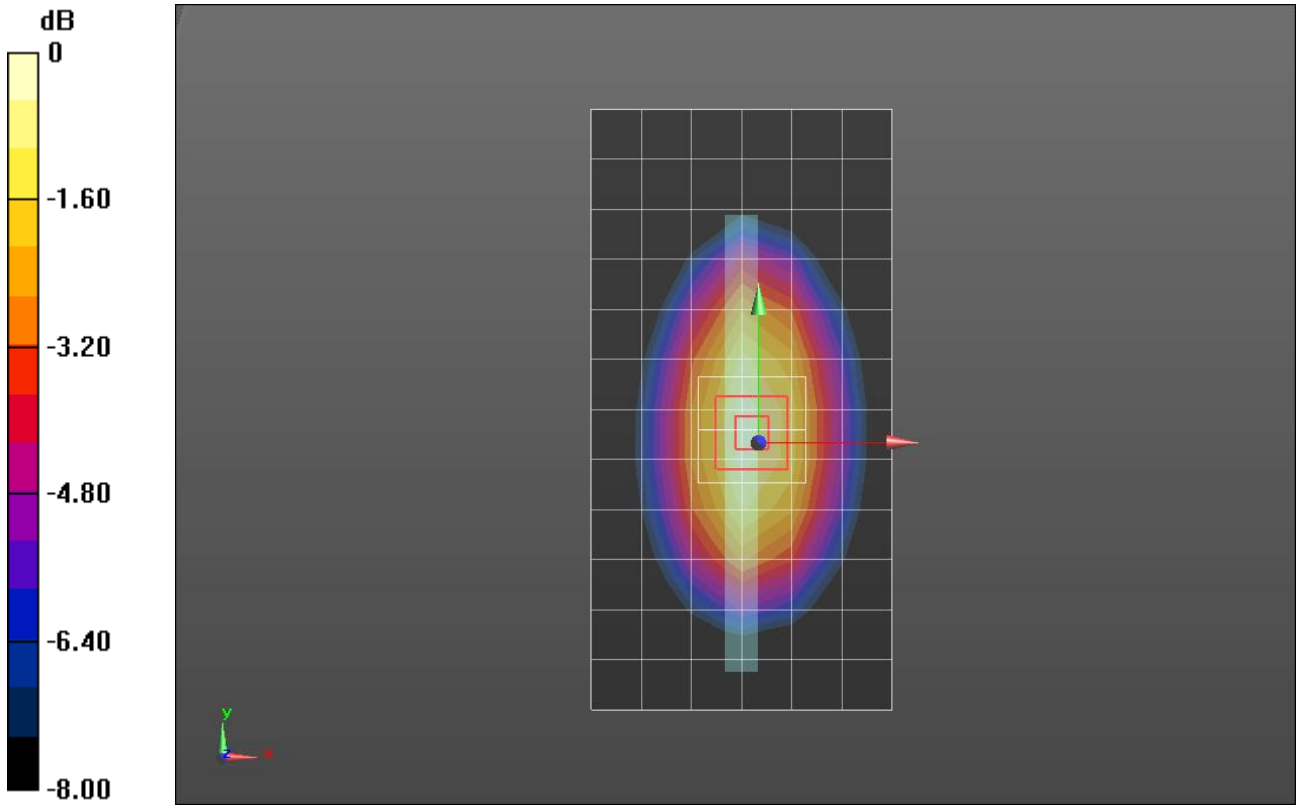
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 S/m; ε_r = 55.414; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.3, 9.3, 9.3); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Edge 2/QPSK_1/49 RB_Ch.20525/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.450 W/kg

Edge 2/QPSK_1/49 RB_Ch.20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.311 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.275 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.472 W/kg



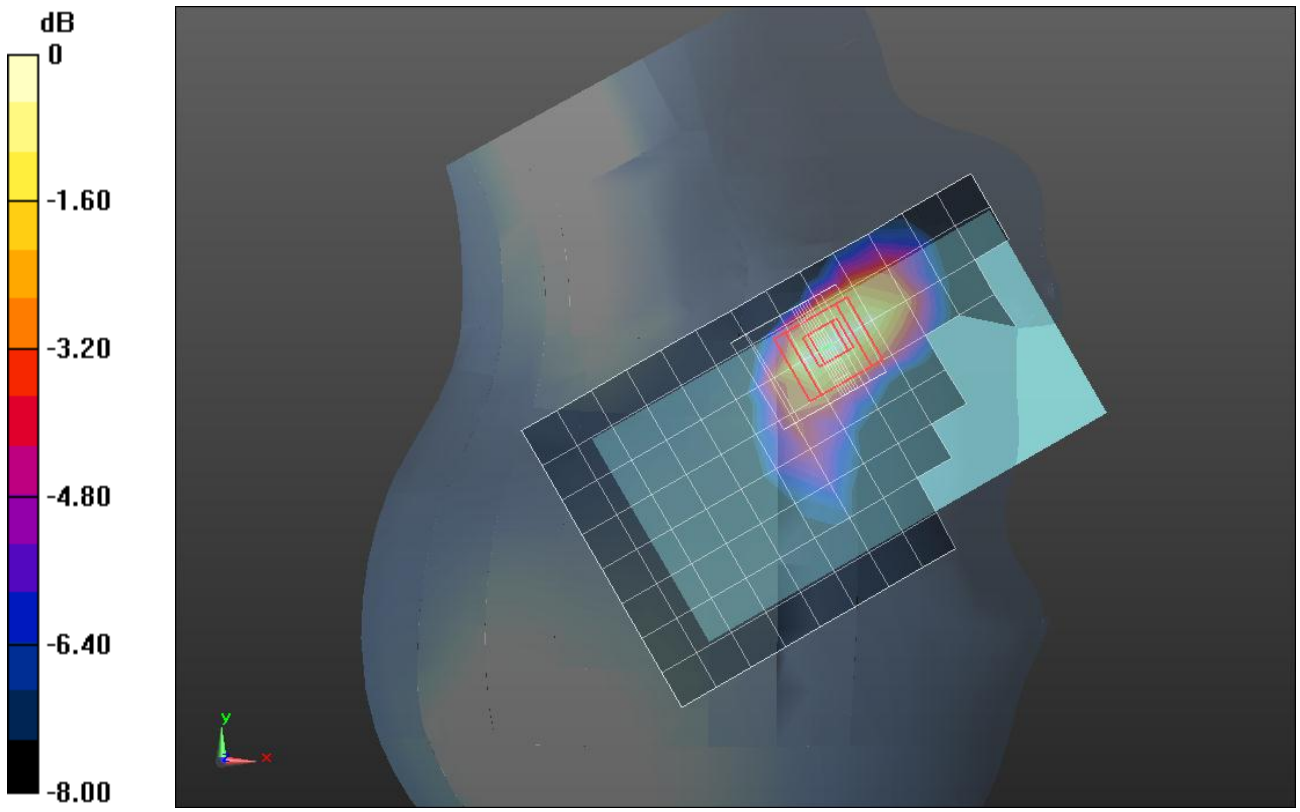
0 dB = 0.472 W/kg = -3.26 dBW/kg

LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 1.826 S/m; ε_r = 37.173; 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 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.2, 7.2, 7.2); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Touch_QPSK_1/0 RB_Ch 21100/Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.291 W/kg

RHS/Touch_QPSK_1/0 RB_Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.884 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.289 W/kg



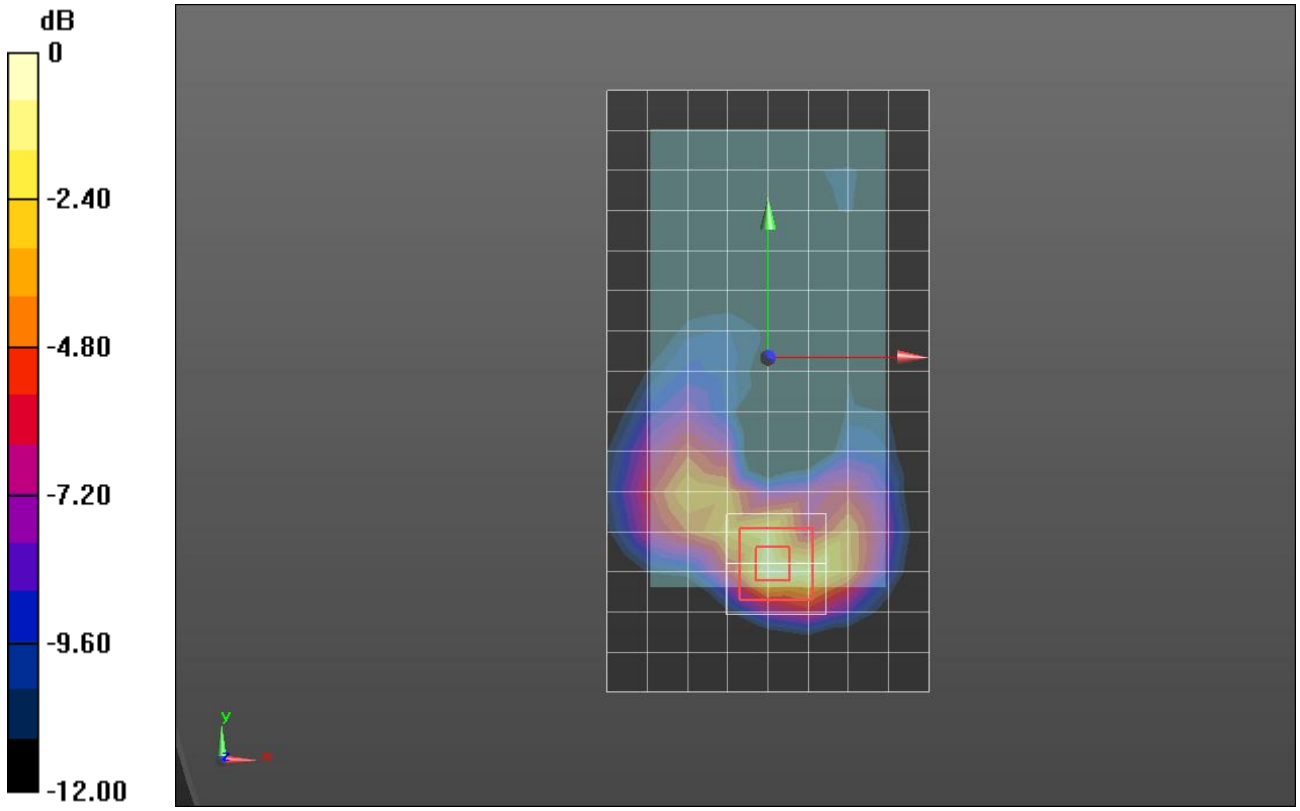
0 dB = 0.289 W/kg = -5.39 dBW/kg

LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 2.057 S/m; ε_r = 51.7; 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 Sn1377; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3902; ConvF(7.07, 7.07, 7.07); Calibrated: 7/12/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA001BB; Serial: 1215

Rear/QPSK_1/0 RB_Ch 21100/10mm/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.660 W/kg

Rear/QPSK_1/0 RB_Ch 21100/10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.972 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.724 W/kg



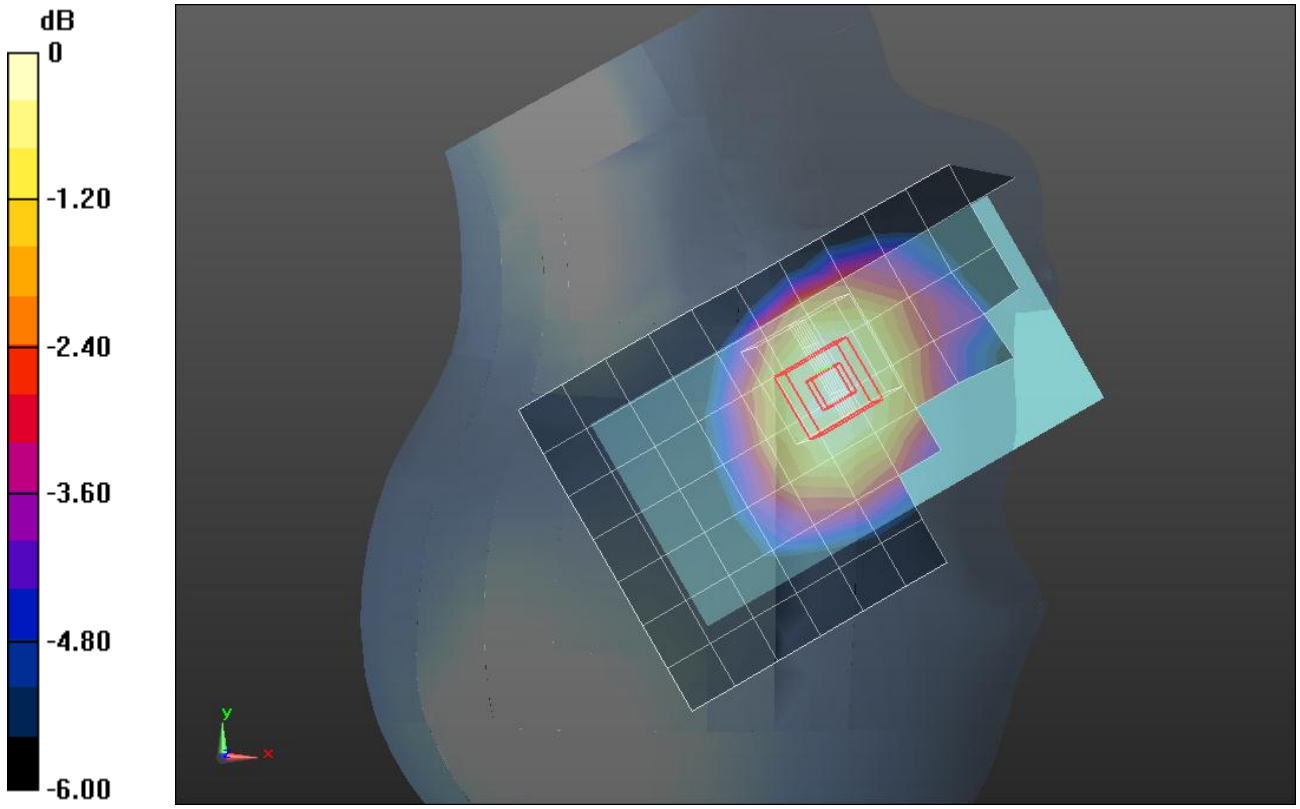
0 dB = 0.724 W/kg = -1.40 dBW/kg

LTE Band 17

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 710 MHz; σ = 0.863 S/m; ε_r = 40.877; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.77, 9.77, 9.77); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

RHS/Touch_QPSK_1/0 RB_Ch.23790/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.311 W/kg

RHS/Touch_QPSK_1/0 RB_Ch.23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.026 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.320 W/kg



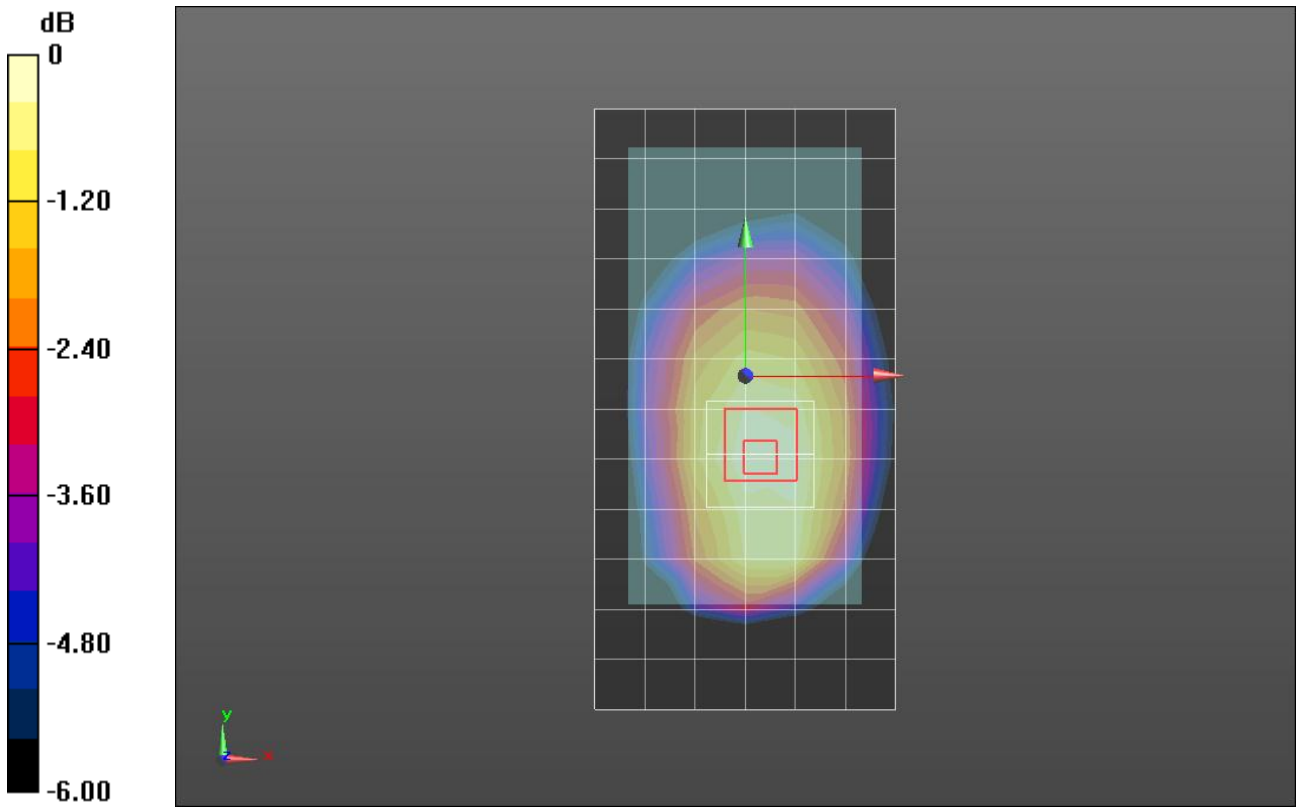
0 dB = 0.320 W/kg = -4.95 dBW/kg

LTE Band 17

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 710 MHz; σ = 0.934 S/m; ε_r = 53.496; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(9.5, 9.5, 9.5); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Rear/QPSK_1/0 RB_Ch 23790/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.597 W/kg

Rear/QPSK_1/0 RB_Ch 23790/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.425 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

WiFi 2.4GHz

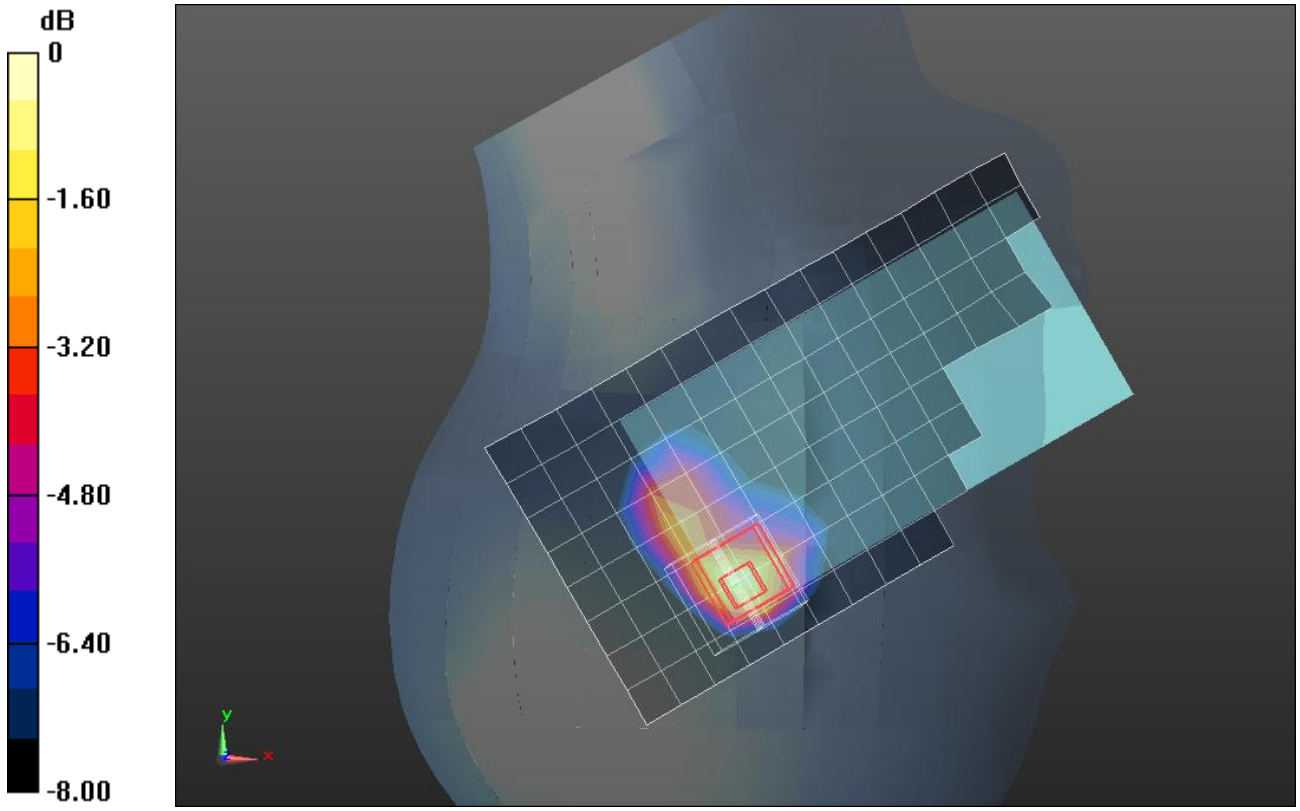
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.809 S/m; ε_r = 38.843; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.74, 6.74, 6.74); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/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) = 0.166 W/kg

RHS/Touch/802.11b/ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.735 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.058 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

WiFi 2.4GHz

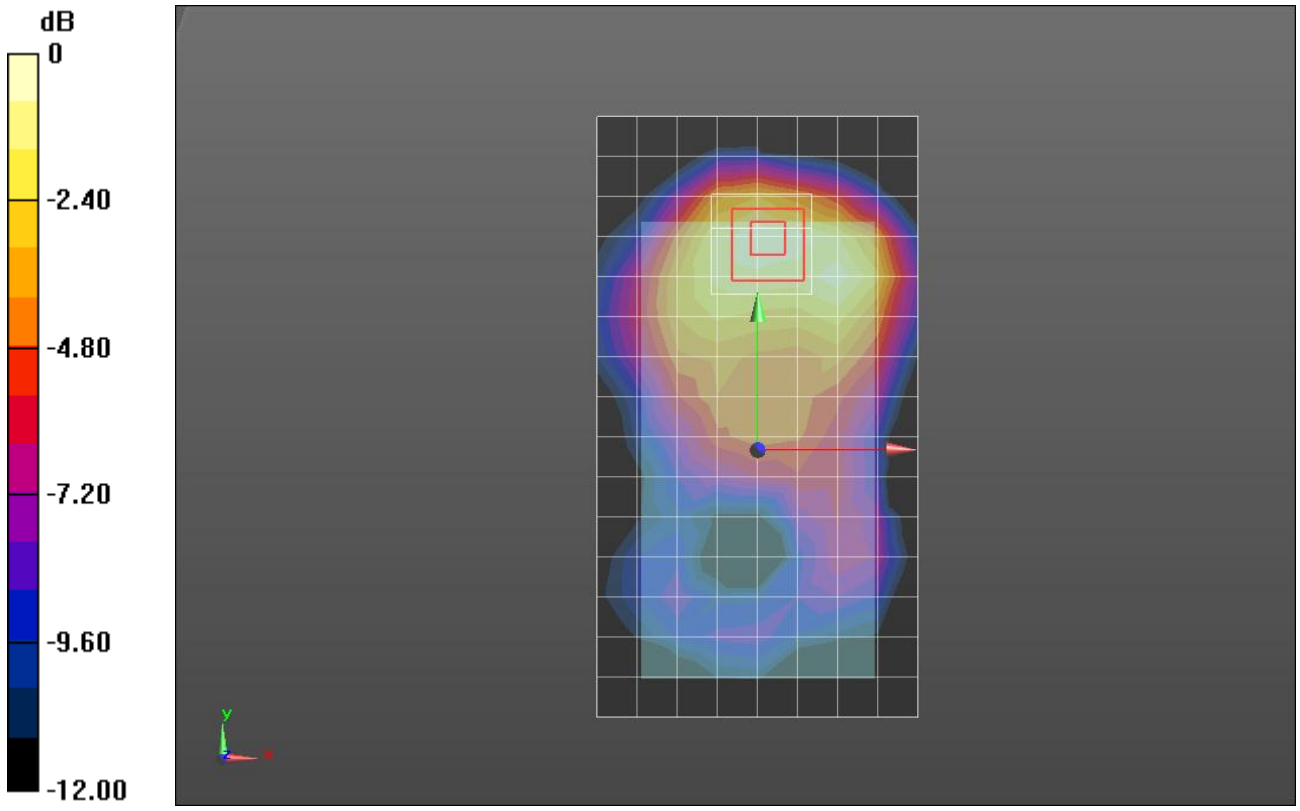
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.978 S/m; ε_r = 51.017; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Rear/802.11b/ch 6/ 10mm/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0893 W/kg

Rear/802.11b/ch 6/ 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.491 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.121 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.037 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0865 W/kg



0 dB = 0.0865 W/kg = -10.63 dBW/kg

WiFi 2.4GHz

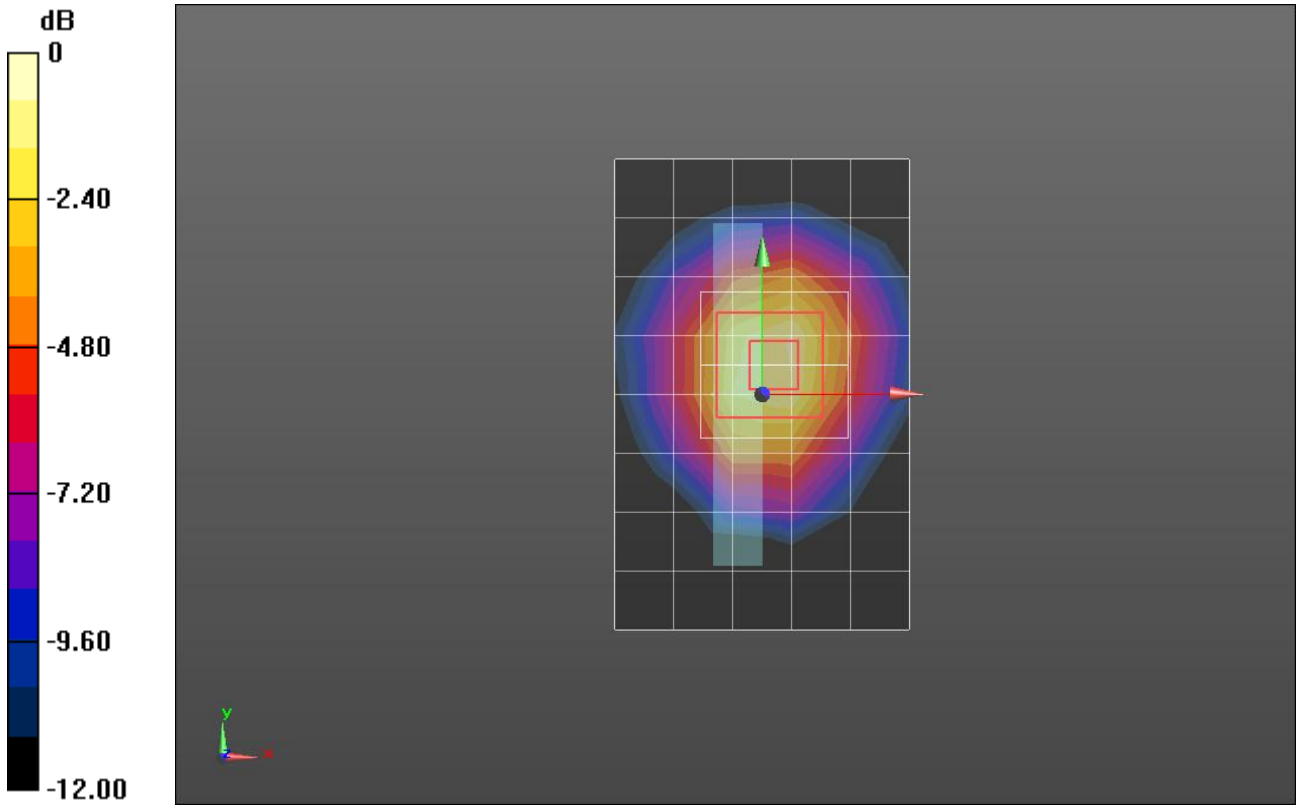
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.978 S/m; ε_r = 51.017; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(6.76, 6.76, 6.76); Calibrated: 7/22/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B V5.0; Type: QDOVA001BB; Serial: S/n:1216

Edge 1/802.11b/ch 6/ 10mm/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0943 W/kg

Edge 1/802.11b/ch 6/ 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.491 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.041 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.111 W/kg



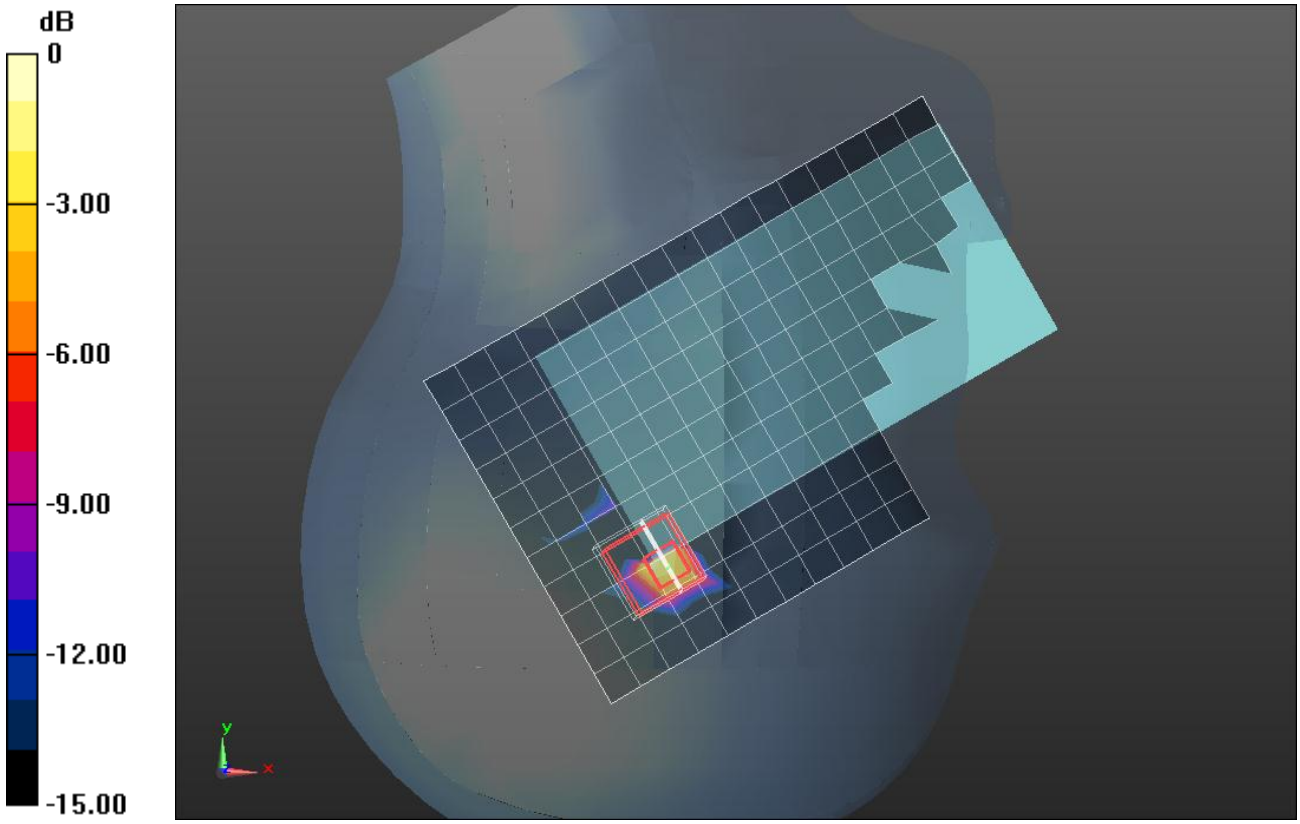
0 dB = 0.111 W/kg = -9.55 dBW/kg

WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 5.055 S/m; ε_r = 36.857; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.53, 4.53, 4.53); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Touch_802.11a_Ch 157/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0457 W/kg

RHS/Touch_802.11a_Ch 157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.659 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00288 W/kg
Maximum value of SAR (measured) = 0.0622 W/kg



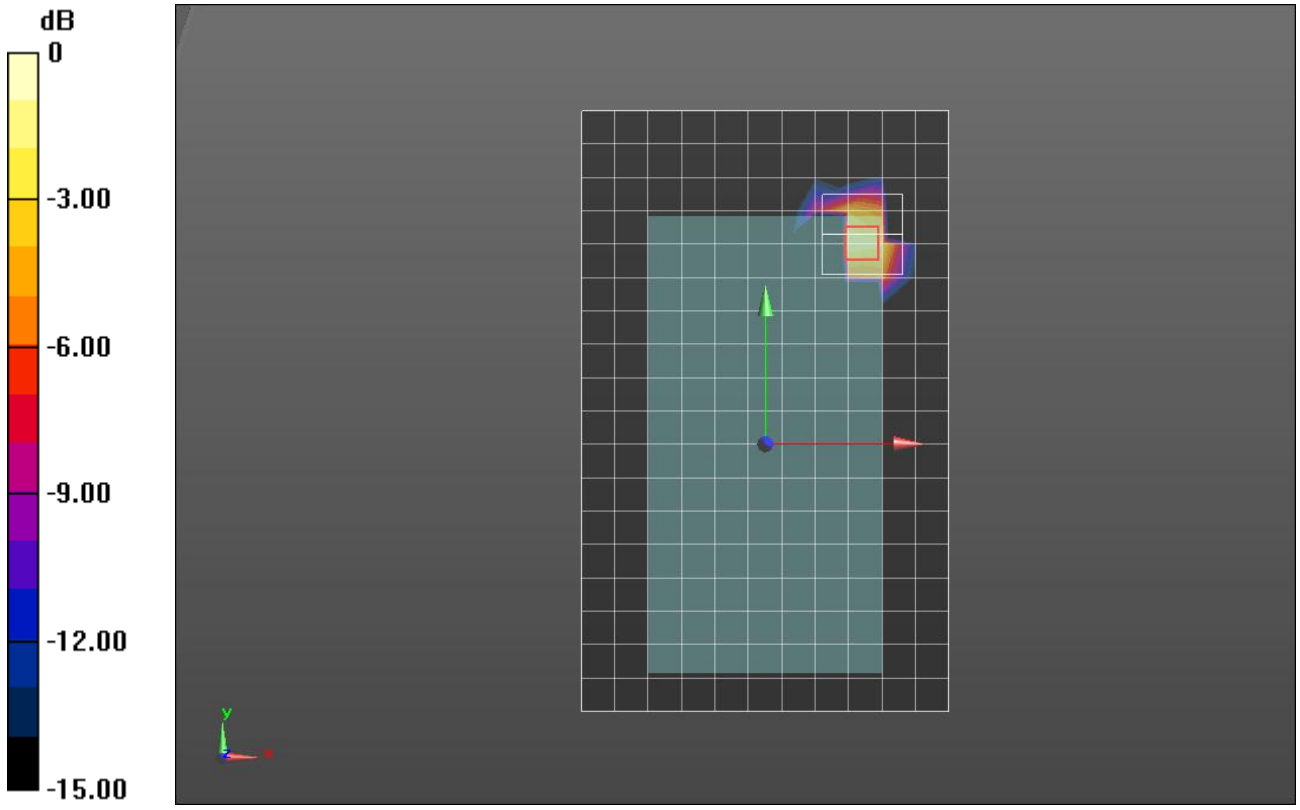
0 dB = 0.0622 W/kg = -12.06 dBW/kg

WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.103 S/m; ε_r = 47.434; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Rear/802.11a_Ch 157/10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0426 W/kg

Rear/802.11a_Ch 157/10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.506 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0515 W/kg



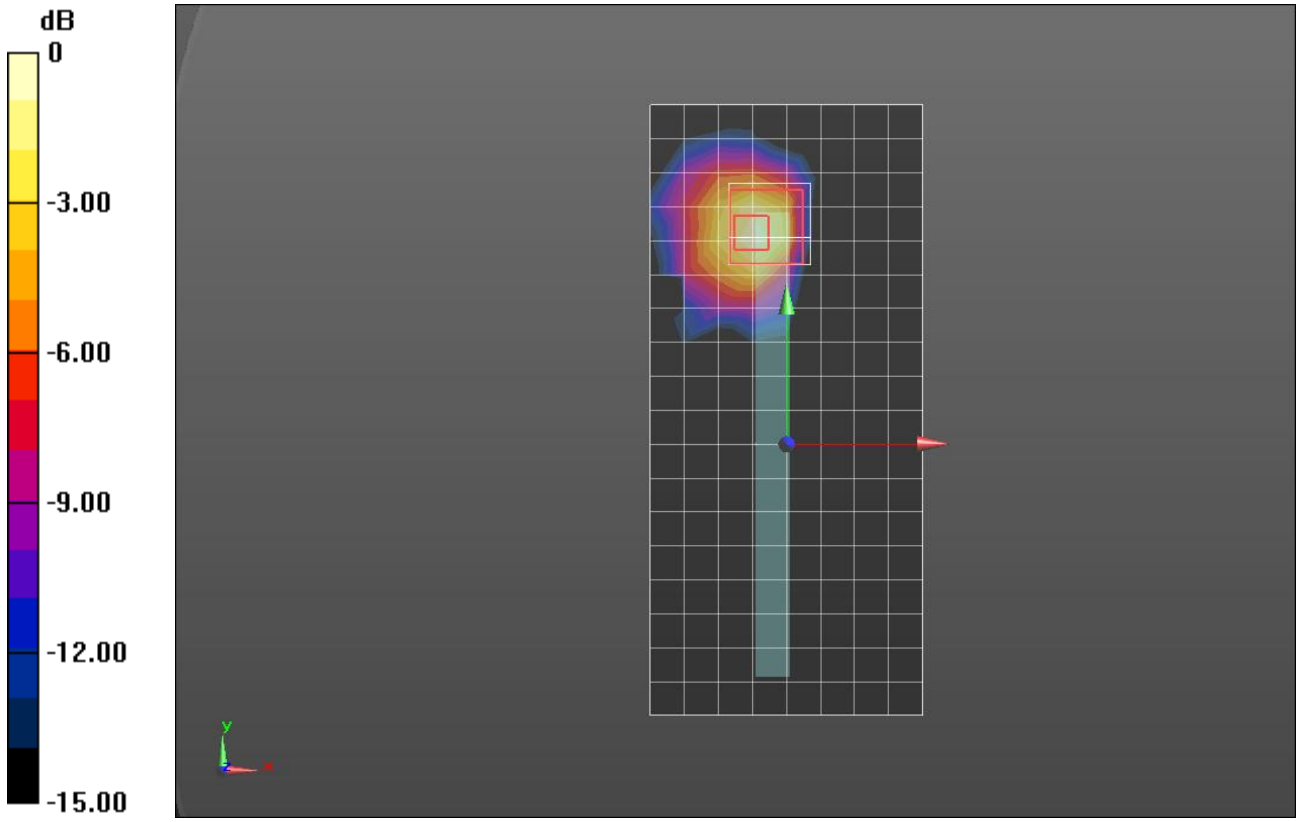
0 dB = 0.0515 W/kg = -12.88 dBW/kg

WiFi 5GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.103 S/m; ε_r = 47.434; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.89, 3.89, 3.89); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Edge 4/802.11a_Ch 157/10mm/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.129 W/kg

Edge 4/802.11a_Ch 157/10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.704 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.130 W/kg



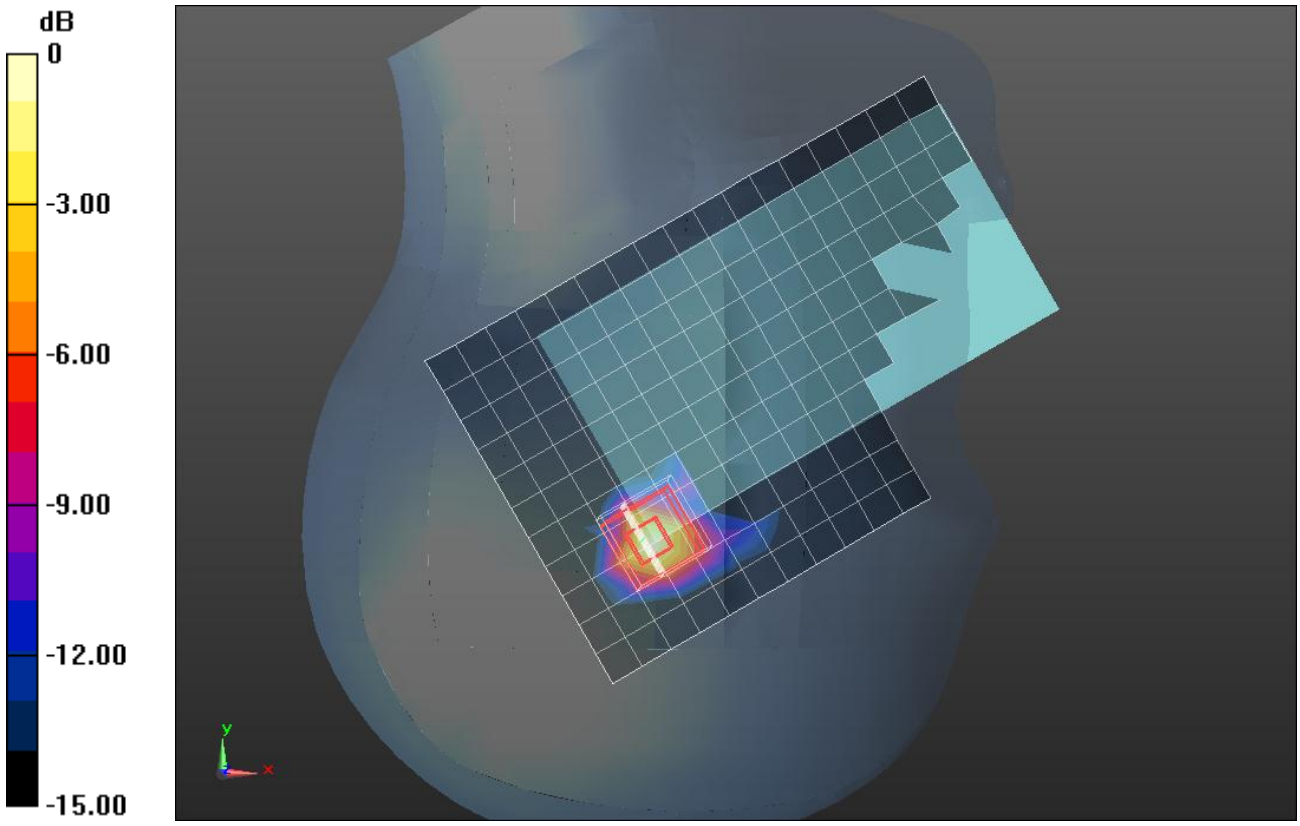
0 dB = 0.130 W/kg = -8.86 dBW/kg

WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5180 MHz; σ = 4.435 S/m; ε_r = 37.714; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.88, 4.88, 4.88); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Touch_802.11a_Ch 36/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.177 W/kg

RHS/Touch_802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.595 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.158 W/kg



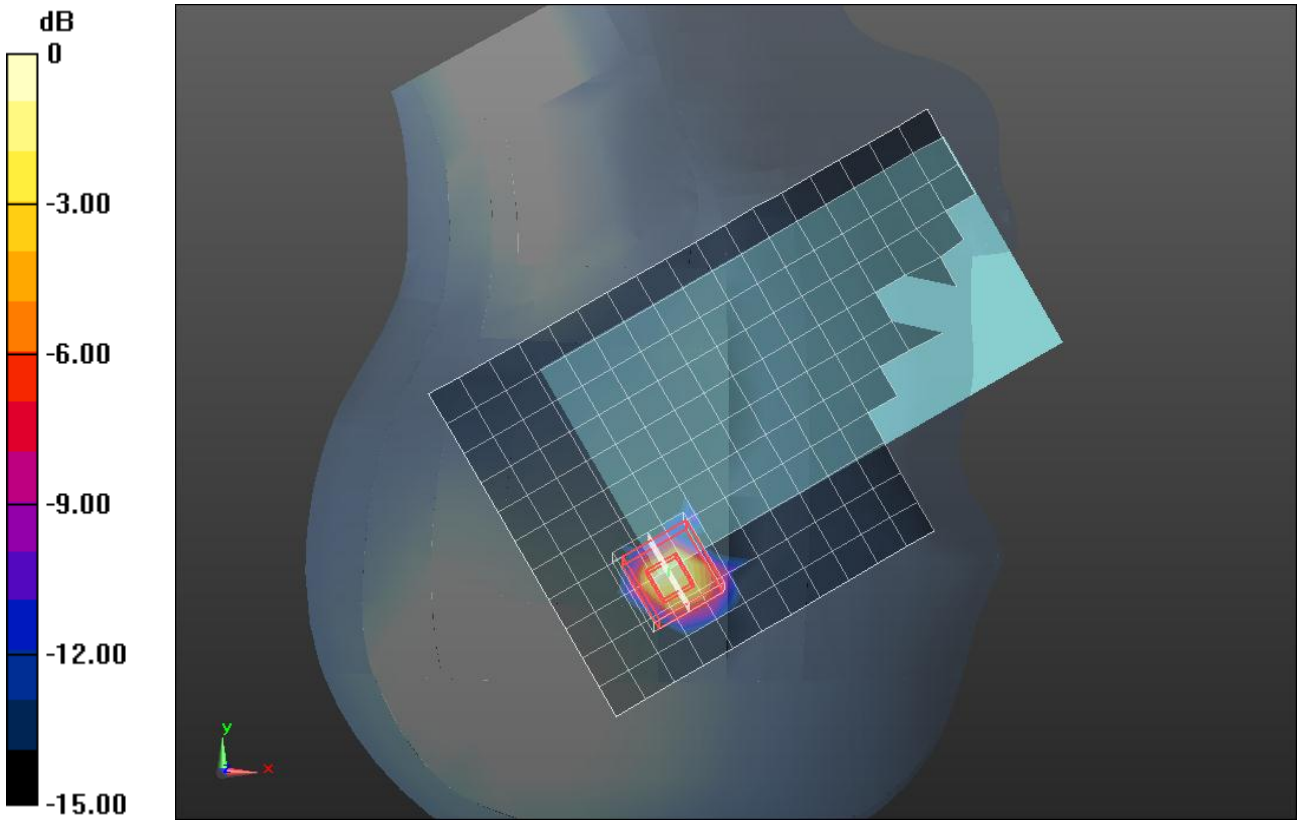
0 dB = 0.158 W/kg = -8.01 dBW/kg

WiFi 5GHz

Frequency: 5700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5700 MHz; σ = 4.966 S/m; ε_r = 36.977; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.42, 4.42, 4.42); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Touch_802.11a_Ch 140/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.113 W/kg

RHS/Touch_802.11a_Ch 140/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.718 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.00973 W/kg
Maximum value of SAR (measured) = 0.131 W/kg



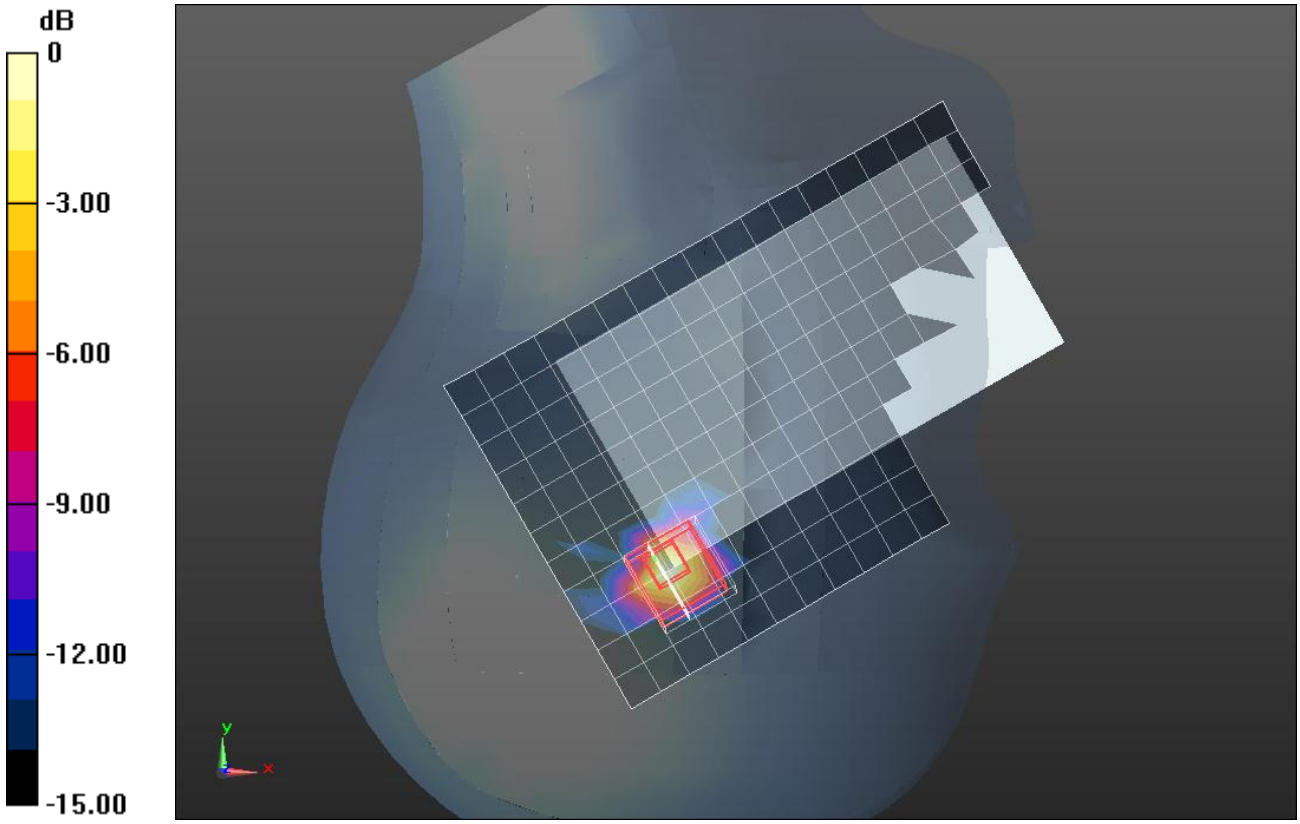
0 dB = 0.131 W/kg = -8.83 dBW/kg

WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5180 MHz; σ = 4.435 S/m; ε_r = 37.714; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.88, 4.88, 4.88); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Tilt_802.11a_Ch 36/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.152 W/kg

RHS/Tilt_802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.990 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

WiFi 5GHz

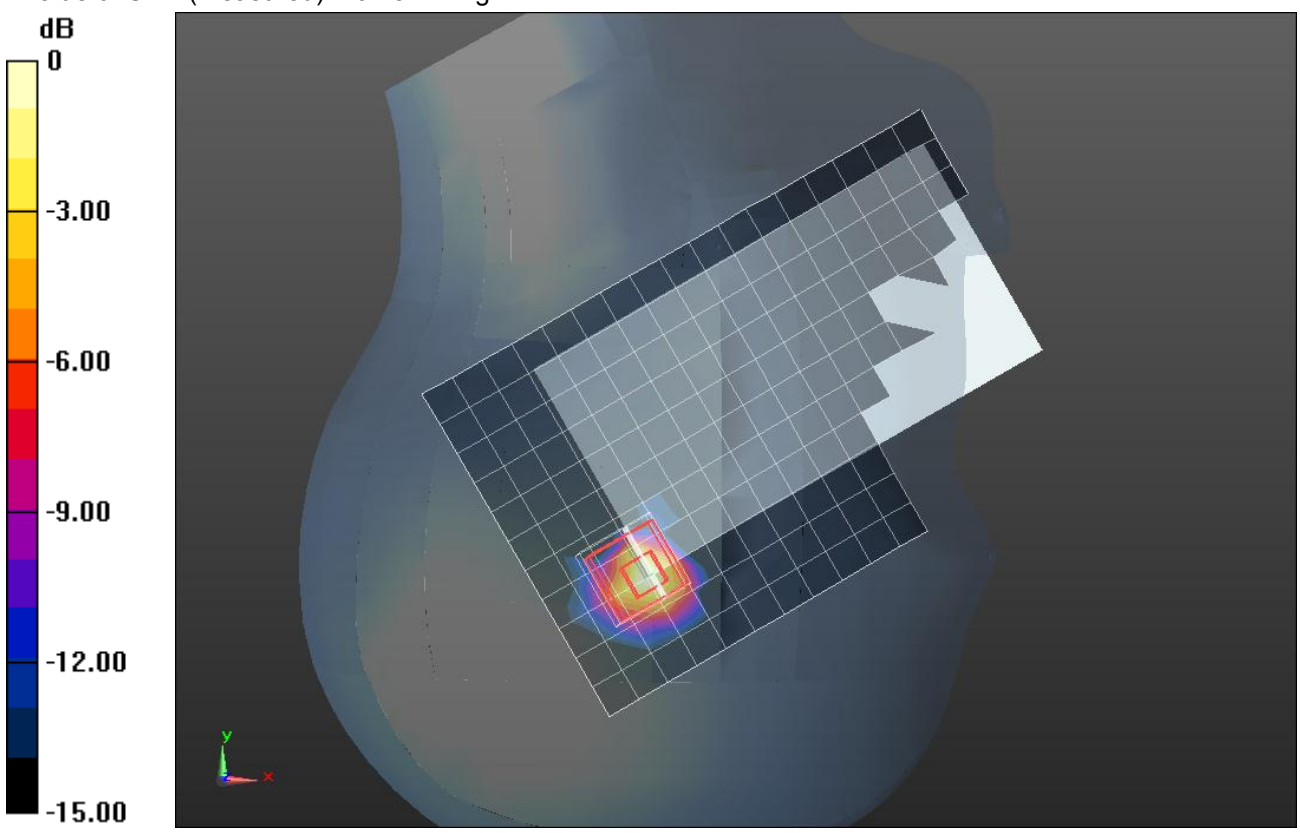
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5260 MHz; σ = 4.518 S/m; ε_r = 37.593; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.57, 4.57, 4.57); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: QD000P40CD; Serial: 1768

RHS/Tilt_802.11a_Ch 52/Area Scan (12x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.159 W/kg

RHS/Tilt_802.11a_Ch 52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.086 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.137 W/kg



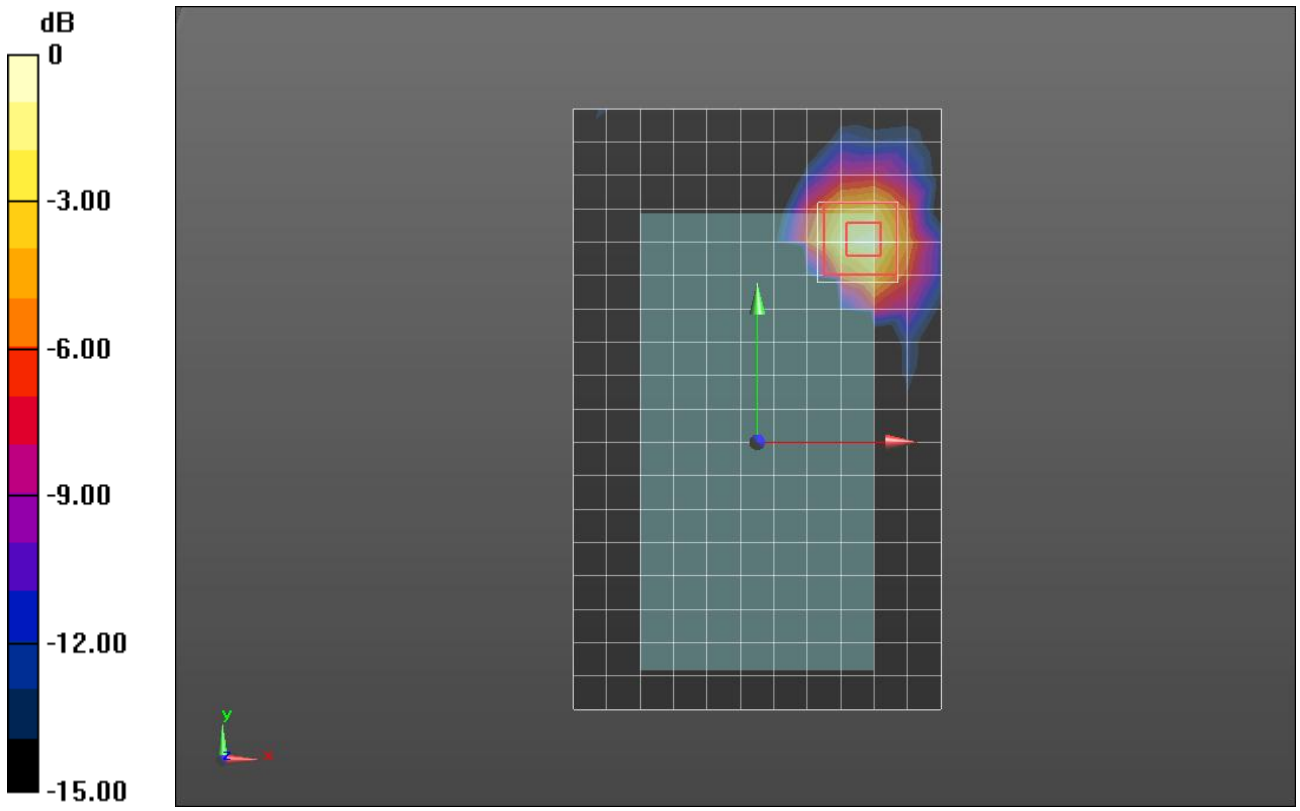
0 dB = 0.137 W/kg = -8.63 dBW/kg

WiFi 5GHz

Frequency: 5180 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5180 MHz; σ = 5.295 S/m; ε_r = 48.447; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Rear/802.11a_Ch 36/10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.115 W/kg

Rear/802.11a_Ch 36/10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.585 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



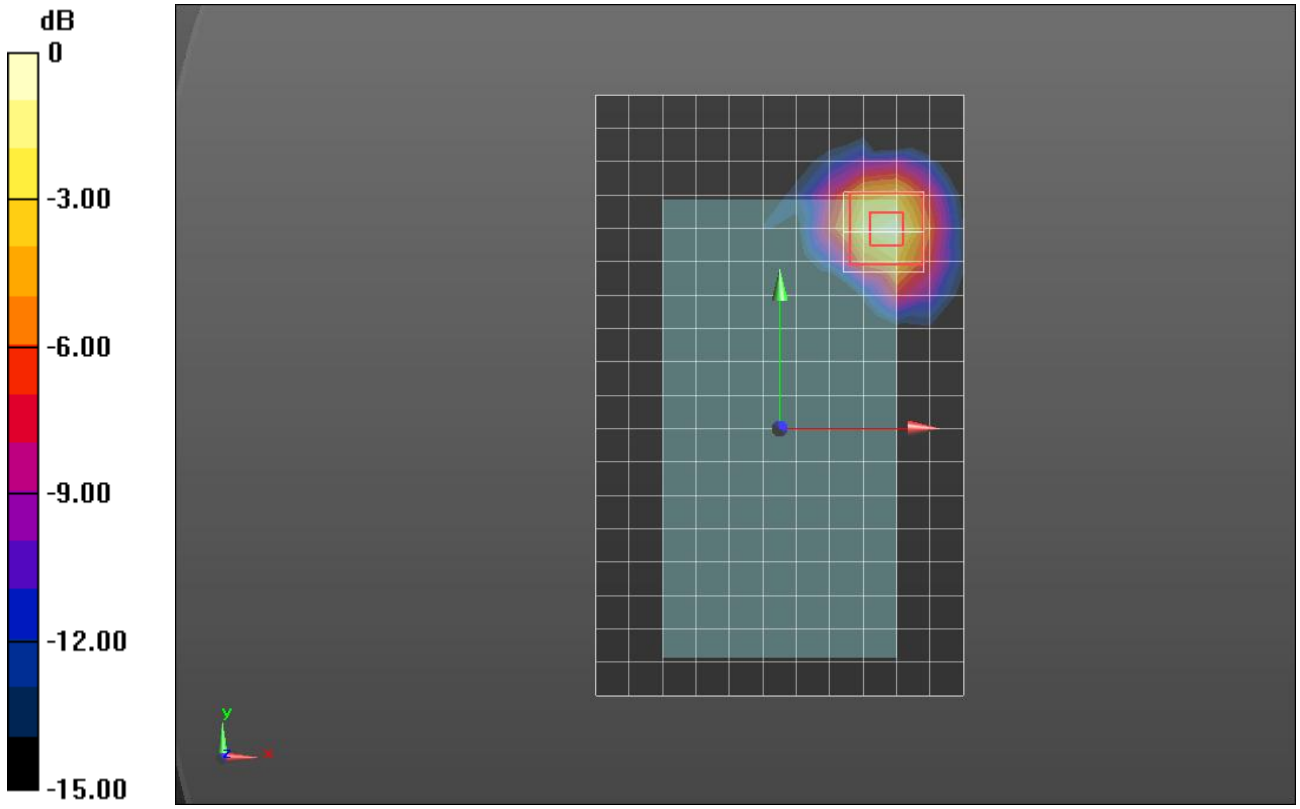
0 dB = 0.121 W/kg = -9.17 dBW/kg

WiFi 5GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5260 MHz; σ = 5.401 S/m; ε_r = 48.313; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.96, 3.96, 3.96); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Rear/802.11a_Ch 52/10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.132 W/kg

Rear/802.11a_Ch 52/10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.630 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.134 W/kg



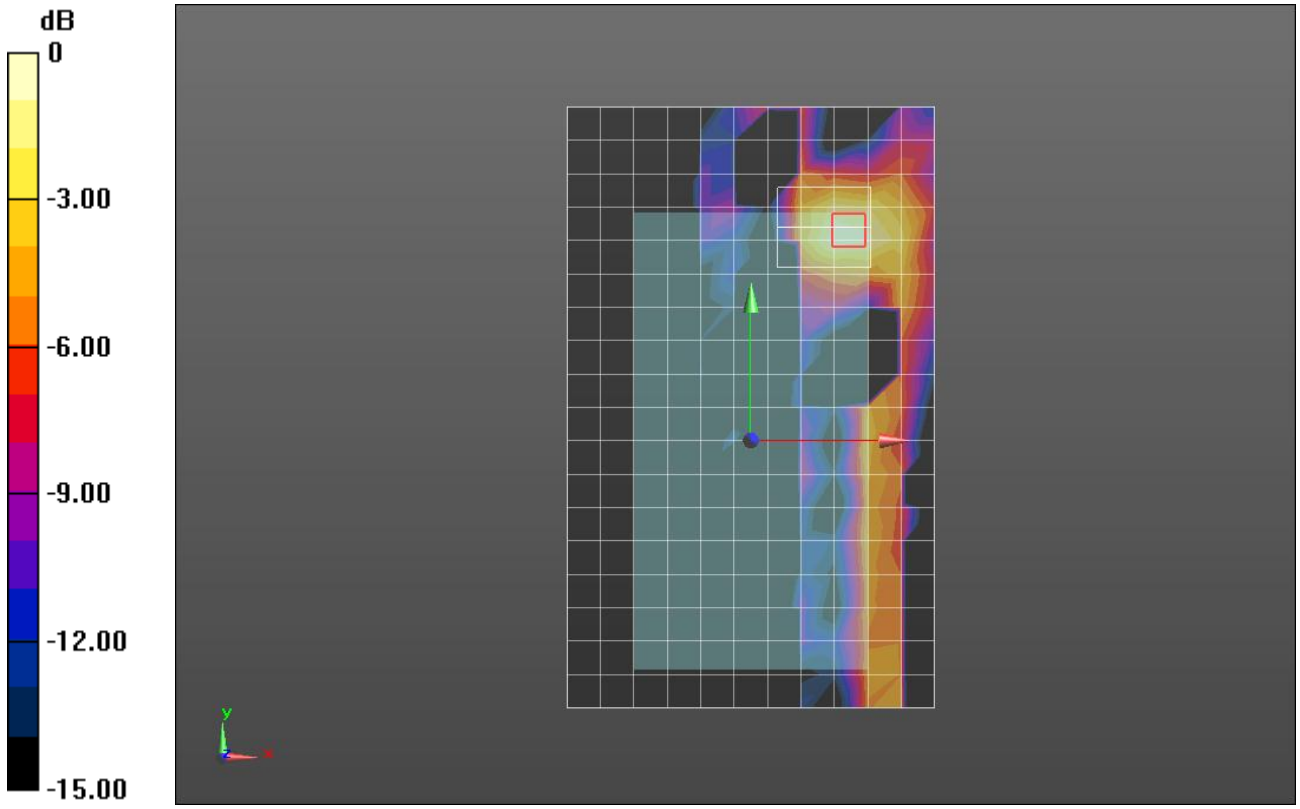
0 dB = 0.134 W/kg = -8.73 dBW/kg

WiFi 5GHz

Frequency: 5700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5700 MHz; σ = 5.985 S/m; ε_r = 47.563; 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 Sn1380; Calibrated: 7/15/2013
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/22/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A (v5.0); Type: QDOVA001BB; Serial: S/n:1212

Rear/802.11a_Ch 140/10mm/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0813 W/kg

Rear/802.11a_Ch 140/10mm/Zoom Scan (8x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.248 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0850 W/kg



0 dB = 0.0850 W/kg = -10.71 dBW/kg