20140623_SystemPerformanceCheck-D750V3 SN 1024

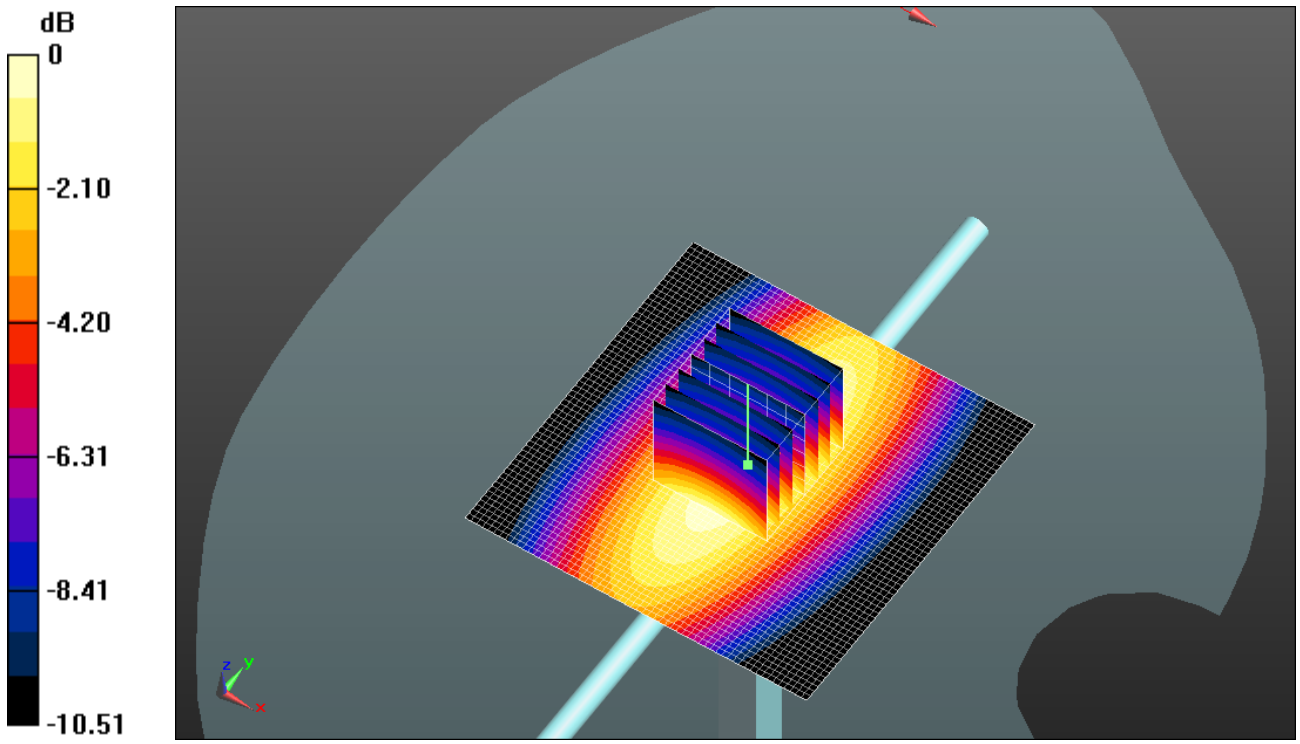
Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 750 MHz; σ = 0.899 S/m; ε_r = 40.6; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(9.2, 9.2, 9.2); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

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

Reference Value = 33.176 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.551 W/kg
Maximum value of SAR (interpolated) = 0.957 W/kg

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

Reference Value = 33.176 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.514 W/kg
Maximum value of SAR (measured) = 0.957 W/kg

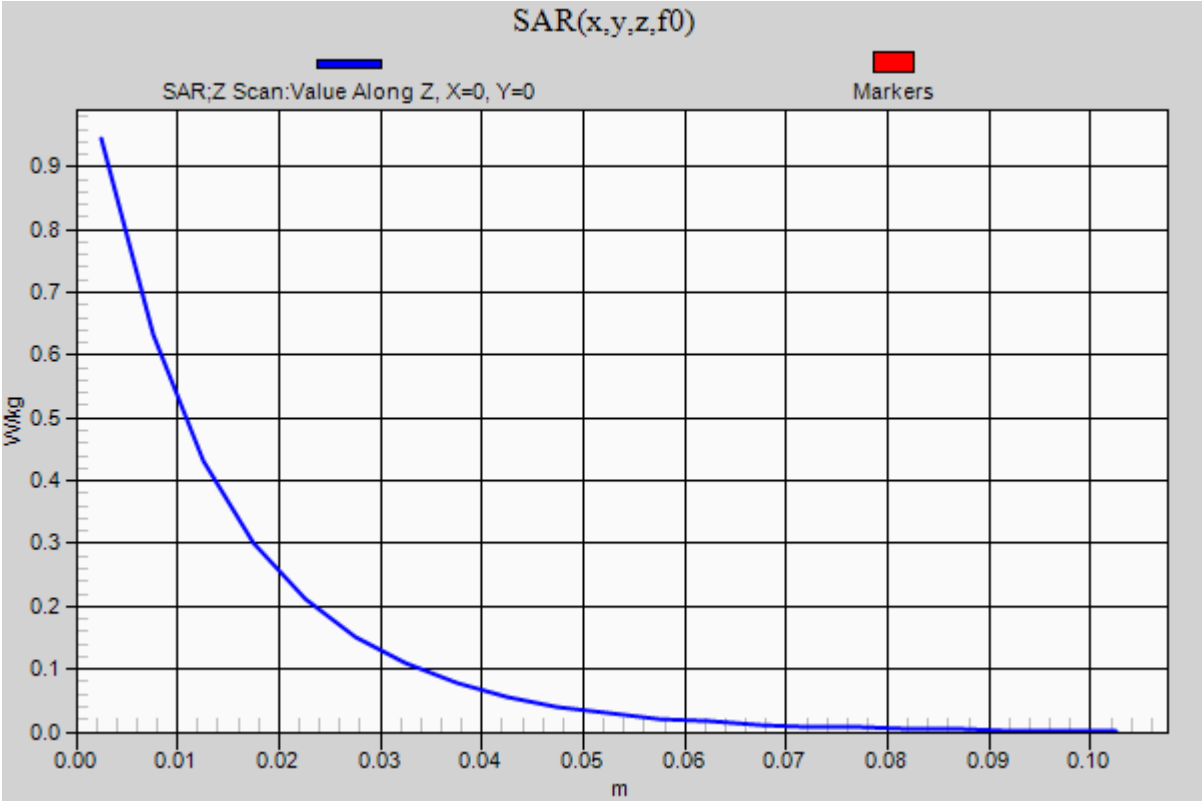


0 dB = 0.957 W/kg = -0.19 dBW/kg

20140623_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) = 0.945 W/kg



20140624_SystemPerformanceCheck-D2600V2 SN 1036

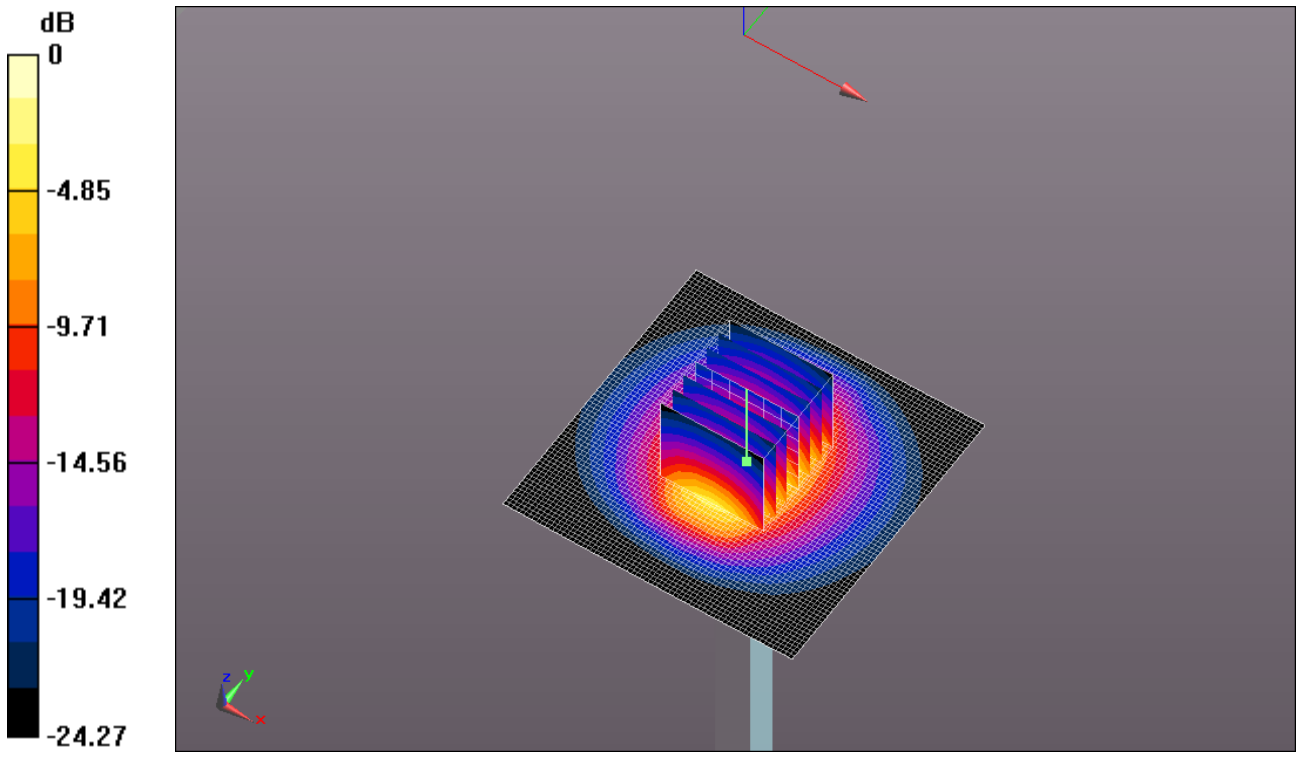
Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2600 MHz; σ = 2.101 S/m; ε_r = 52.125; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(6.15, 6.15, 6.15); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

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

Reference Value = 65.274 V/m; Power Drift = 0.06 dB
Fast SAR: SAR(1 g) = 6.11 W/kg; SAR(10 g) = 2.67 W/kg
Maximum value of SAR (interpolated) = 8.91 W/kg

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

Reference Value = 65.274 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 13.2 W/kg
SAR(1 g) = 5.92 W/kg; SAR(10 g) = 2.59 W/kg
Maximum value of SAR (measured) = 8.66 W/kg

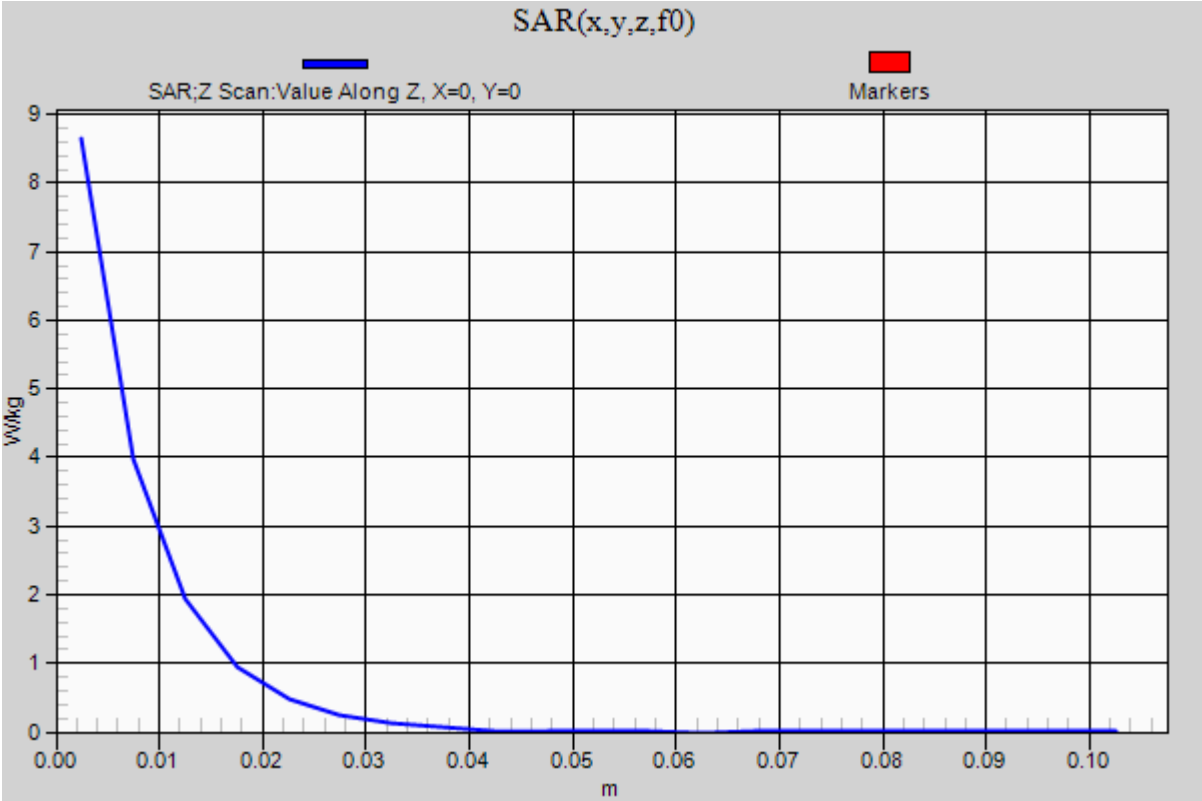


0 dB = 8.66 W/kg = 9.38 dBW/kg

20140624_SystemPerformanceCheck-D2600V2 SN 1036

Frequency: 2600 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) = 8.65 W/kg



20140619_SystemPerformanceCheck-D2450V2 SN 748

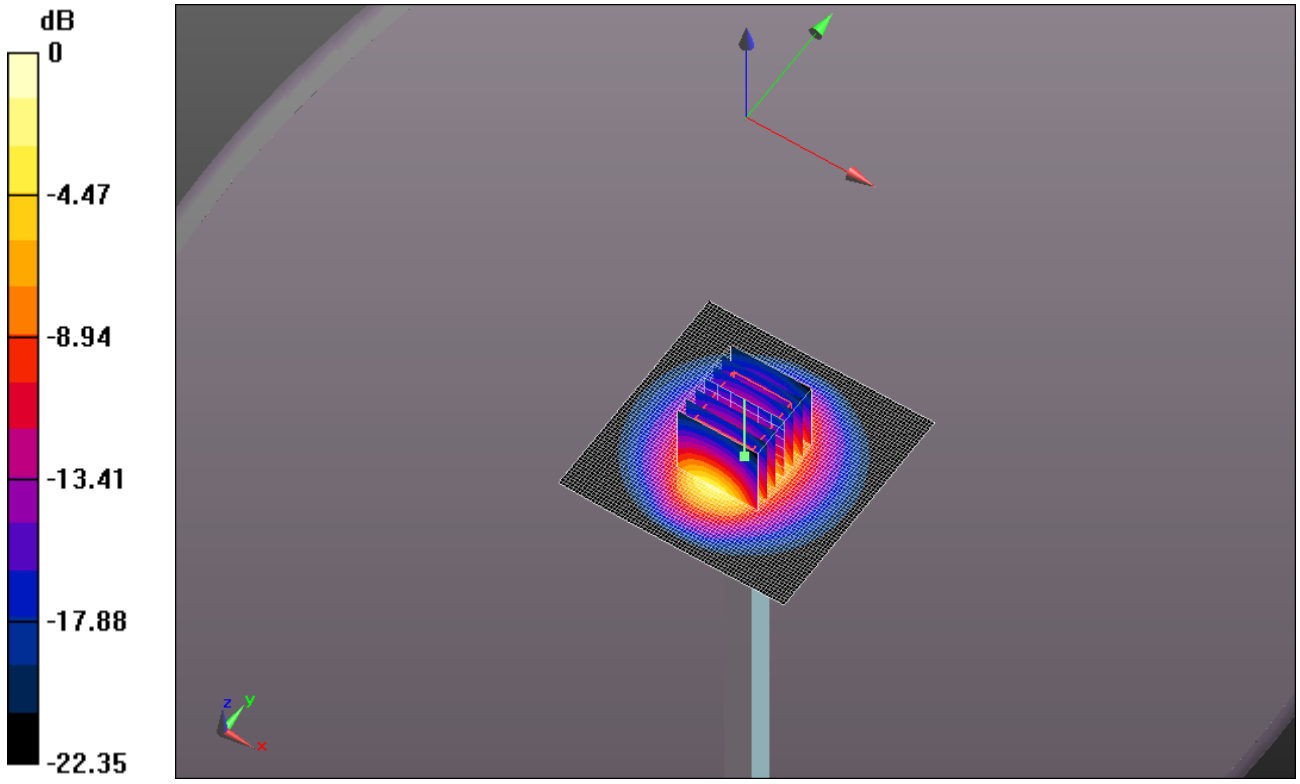
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2450 MHz; σ = 1.976 S/m; ε_r = 51.396; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3749; ConvF(6.49, 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

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

Reference Value = 63.212 V/m; Power Drift = -0.12 dB
Fast SAR: SAR(1 g) = 5.73 W/kg; SAR(10 g) = 2.47 W/kg
Maximum value of SAR (interpolated) = 8.63 W/kg

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

Reference Value = 63.212 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.44 W/kg
Maximum value of SAR (measured) = 7.50 W/kg

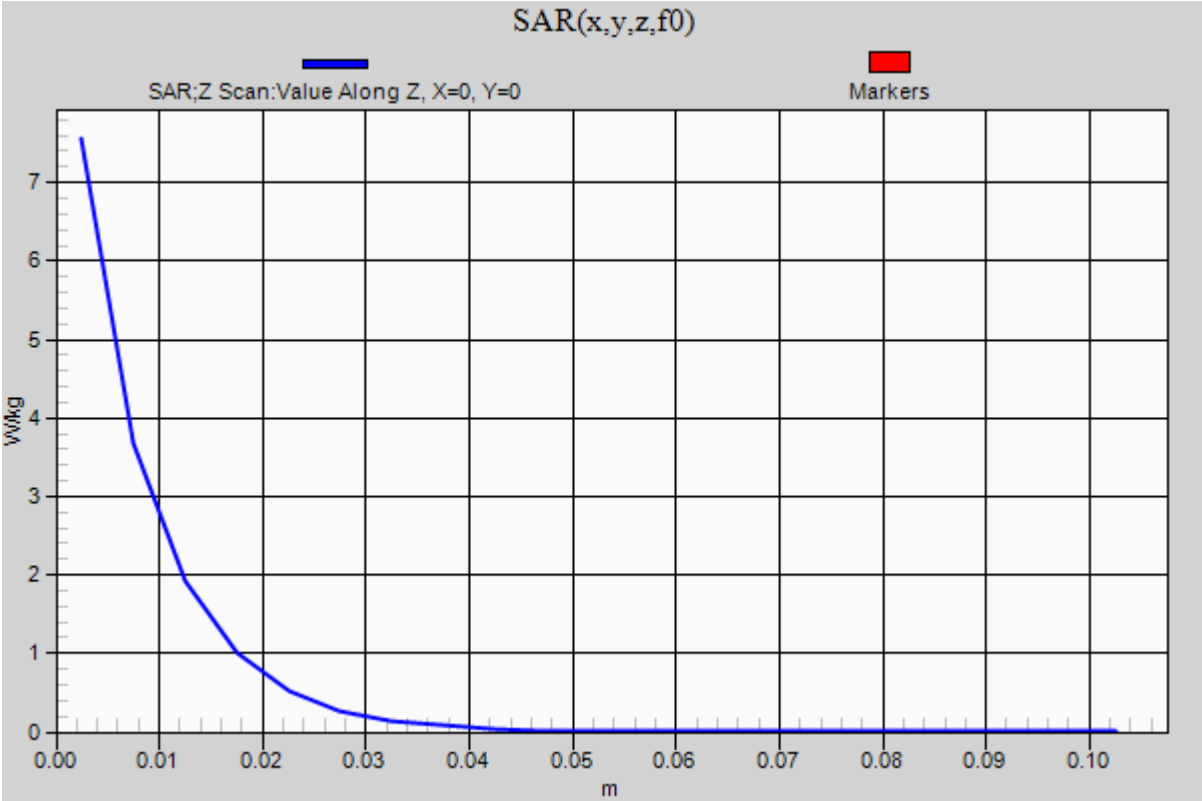


0 dB = 7.50 W/kg = 8.75 dBW/kg

20140619_SystemPerformanceCheck-D2450V2 SN 748

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) = 7.56 W/kg



20140630_SystemPerformanceCheck-D2450V2 SN 706

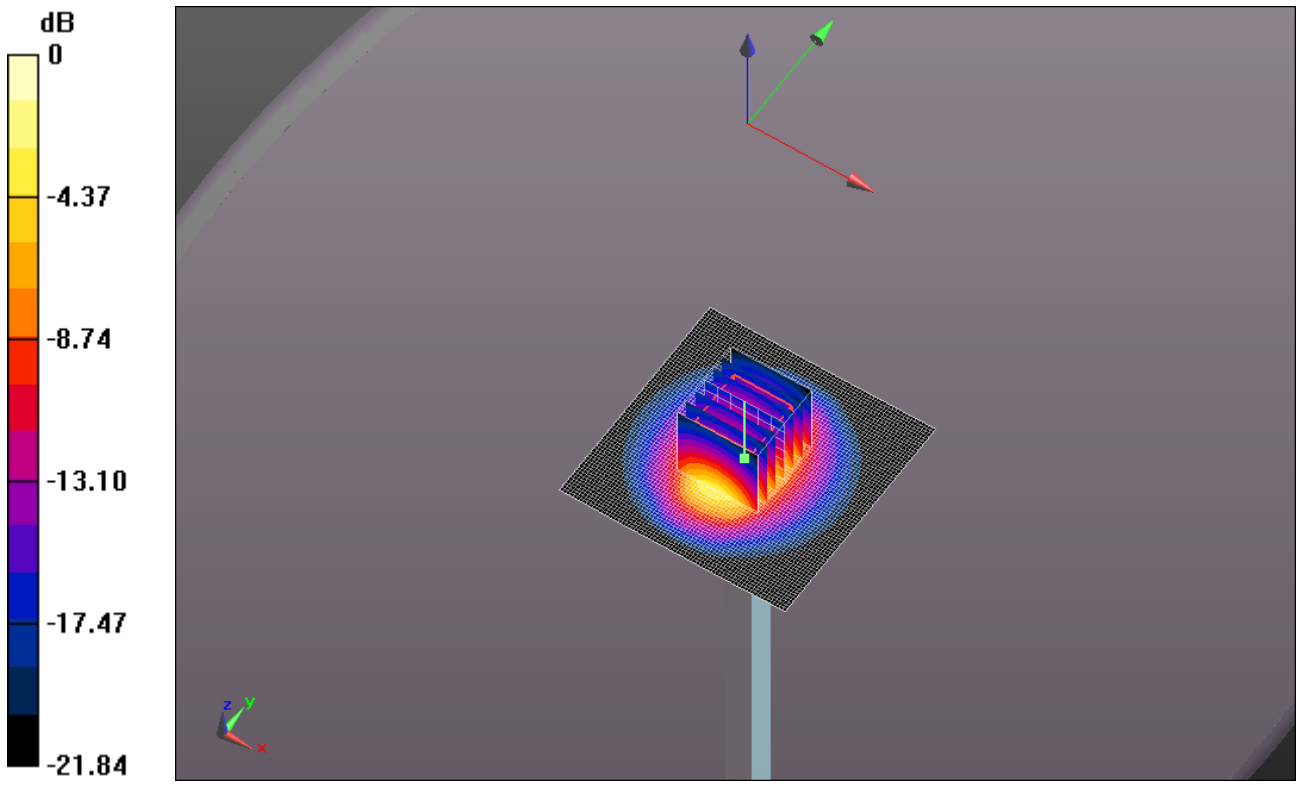
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2450 MHz; σ = 1.956 S/m; ε_r = 51.75; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3749; ConvF(6.49, 6.49, 6.49); Calibrated: 1/29/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

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

Reference Value = 65.179 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (interpolated) = 7.85 W/kg

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

Reference Value = 65.179 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 11.5 W/kg
SAR(1 g) = 5.49 W/kg; SAR(10 g) = 2.53 W/kg
Maximum value of SAR (measured) = 7.88 W/kg

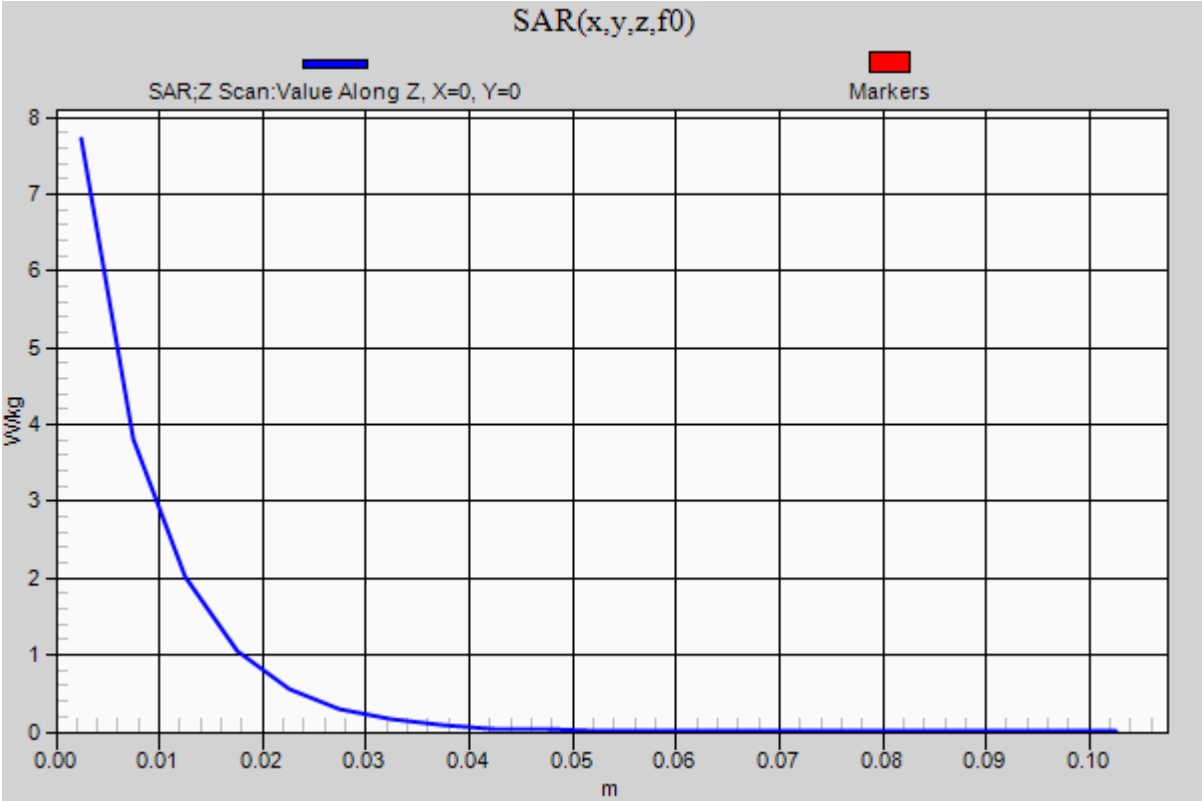


0 dB = 7.88 W/kg = 8.97 dBW/kg

20140630_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) = 7.73 W/kg



20140630_SystemPerformanceCheck-D1900V2 SN 5d163

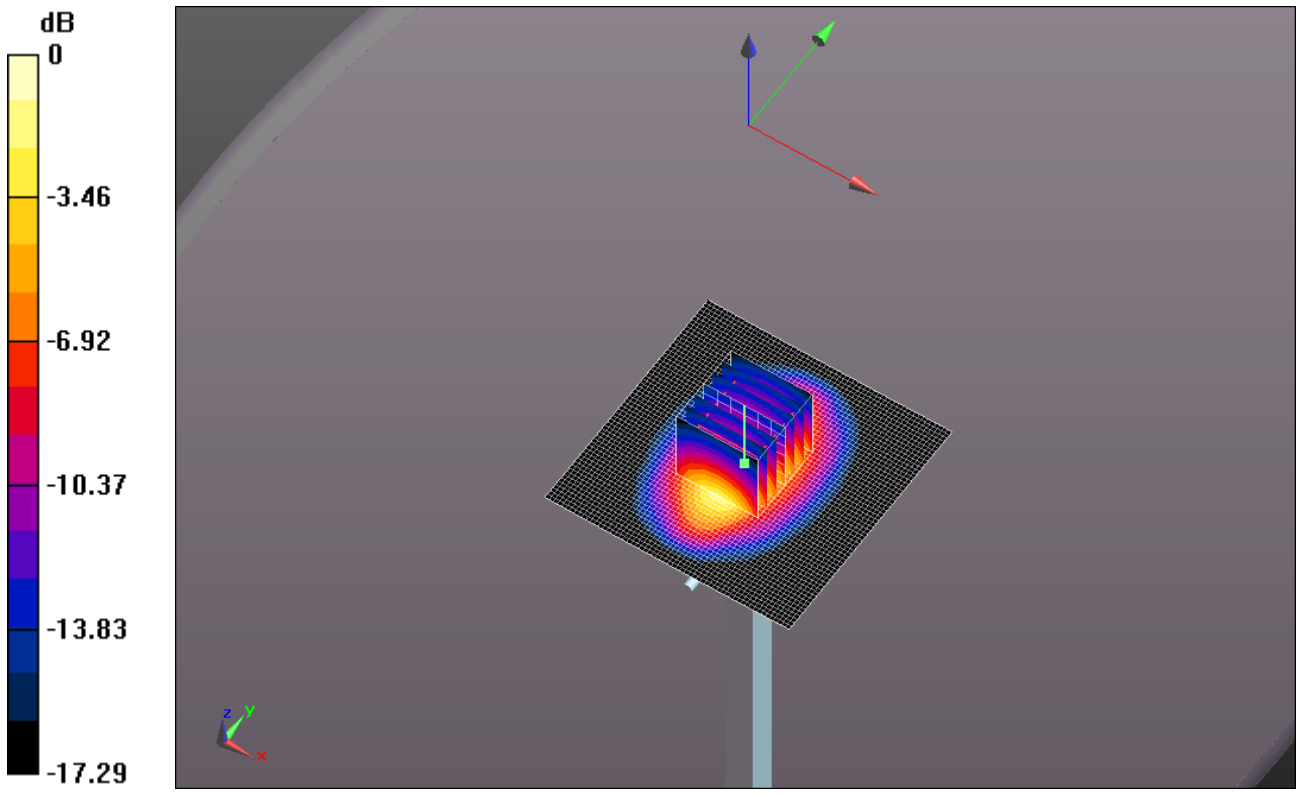
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1900 MHz; σ = 1.573 S/m; ε_r = 51.875; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1360; Calibrated: 3/17/2014
- Probe: EX3DV4 - SN3751; ConvF(6.74, 6.74, 6.74); 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 = 60.693 V/m; Power Drift = 0.09 dB
Fast SAR: SAR(1 g) = 4.27 W/kg; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (interpolated) = 5.72 W/kg

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

Reference Value = 60.693 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 7.70 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 5.77 W/kg

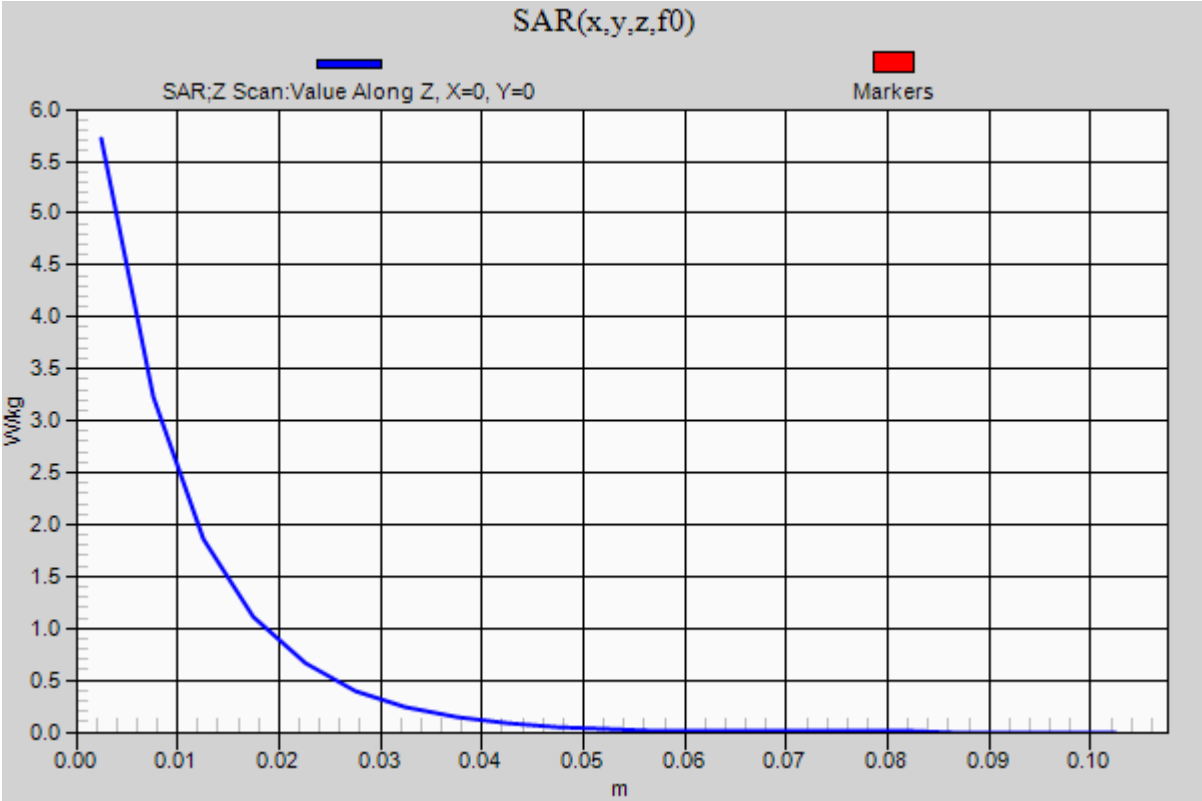


0 dB = 5.77 W/kg = 7.61 dBW/kg

20140630_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) = 5.72 W/kg



20140624_SystemPerformanceCheck-D1900V2 SN 5d163

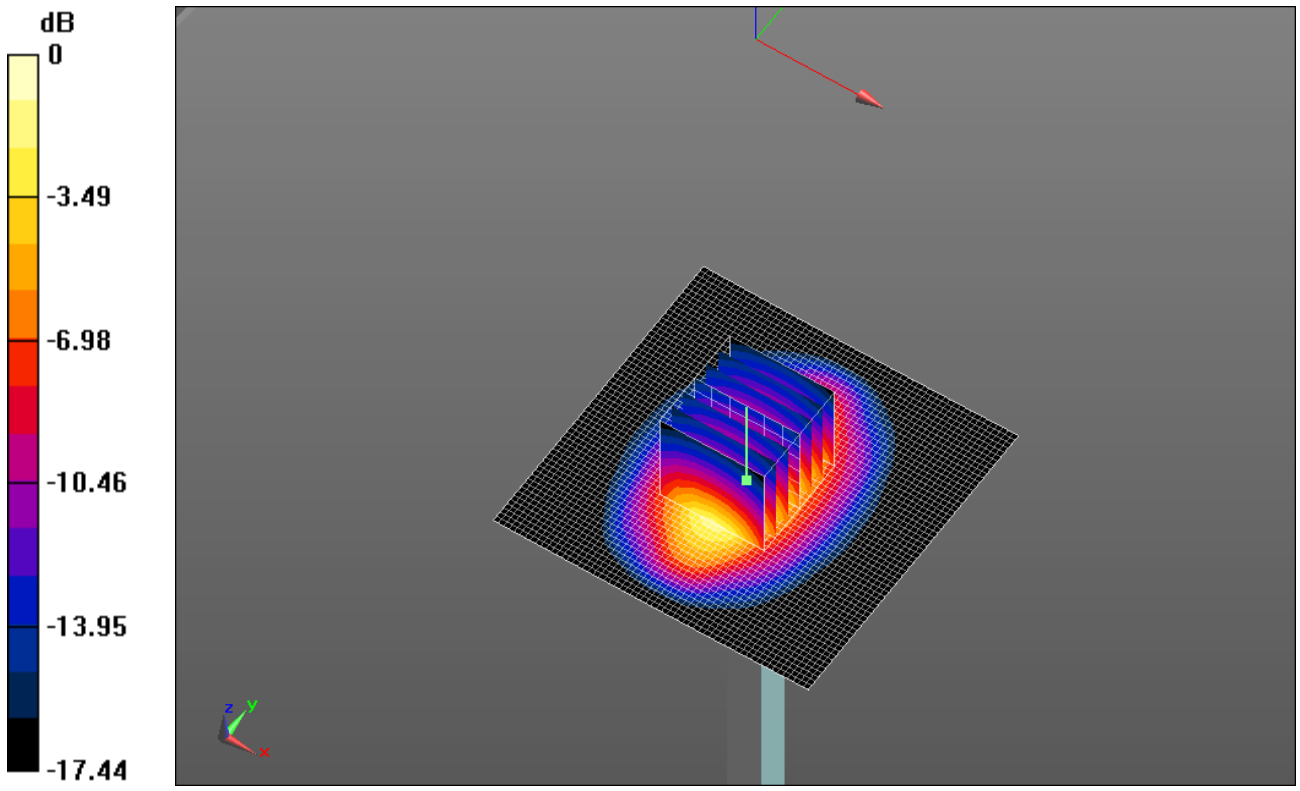
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1900 MHz; σ = 1.583 S/m; ε_r = 54.564; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(7.95, 7.95, 7.95); 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 = 58.691 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.04 W/kg
Maximum value of SAR (interpolated) = 5.46 W/kg

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

Reference Value = 58.691 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 7.40 W/kg
SAR(1 g) = 4.05 W/kg; SAR(10 g) = 2.1 W/kg
Maximum value of SAR (measured) = 5.49 W/kg

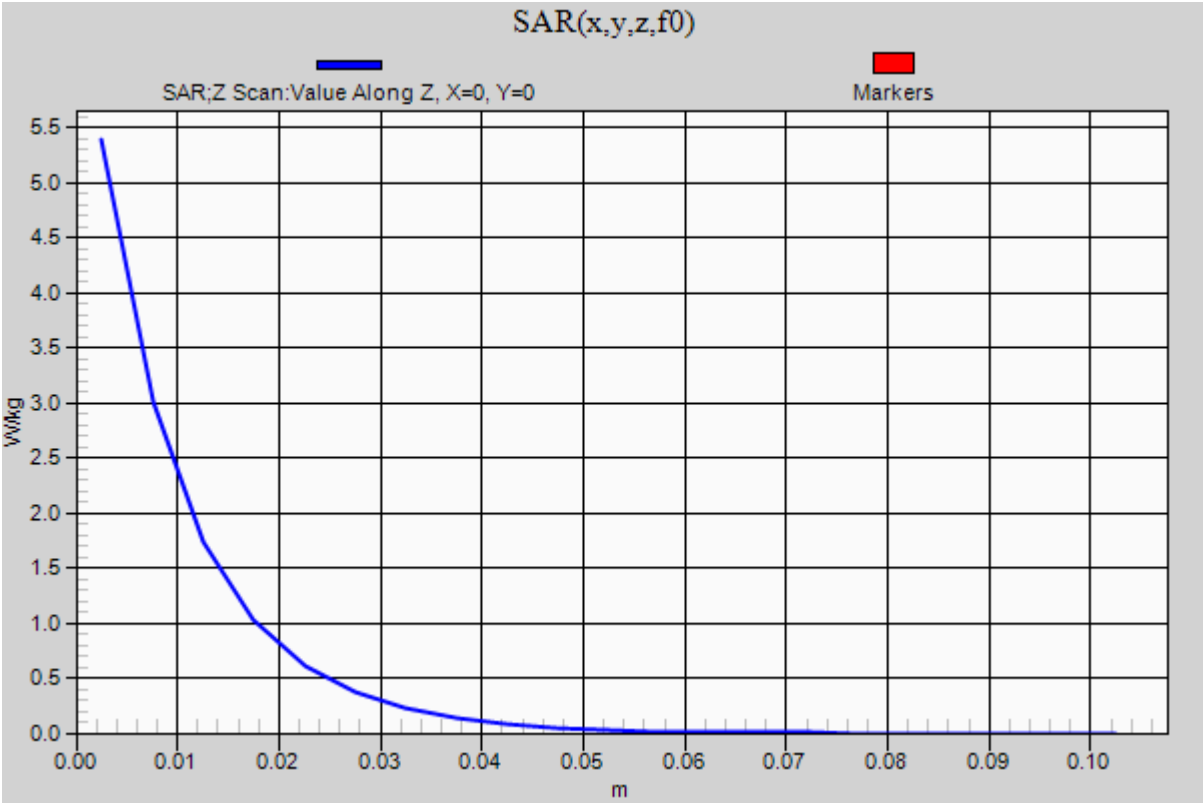


0 dB = 5.49 W/kg = 7.40 dBW/kg

20140624_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) = 5.39 W/kg



20140626_SystemPerformanceCheck-D835V2 SN 4d142

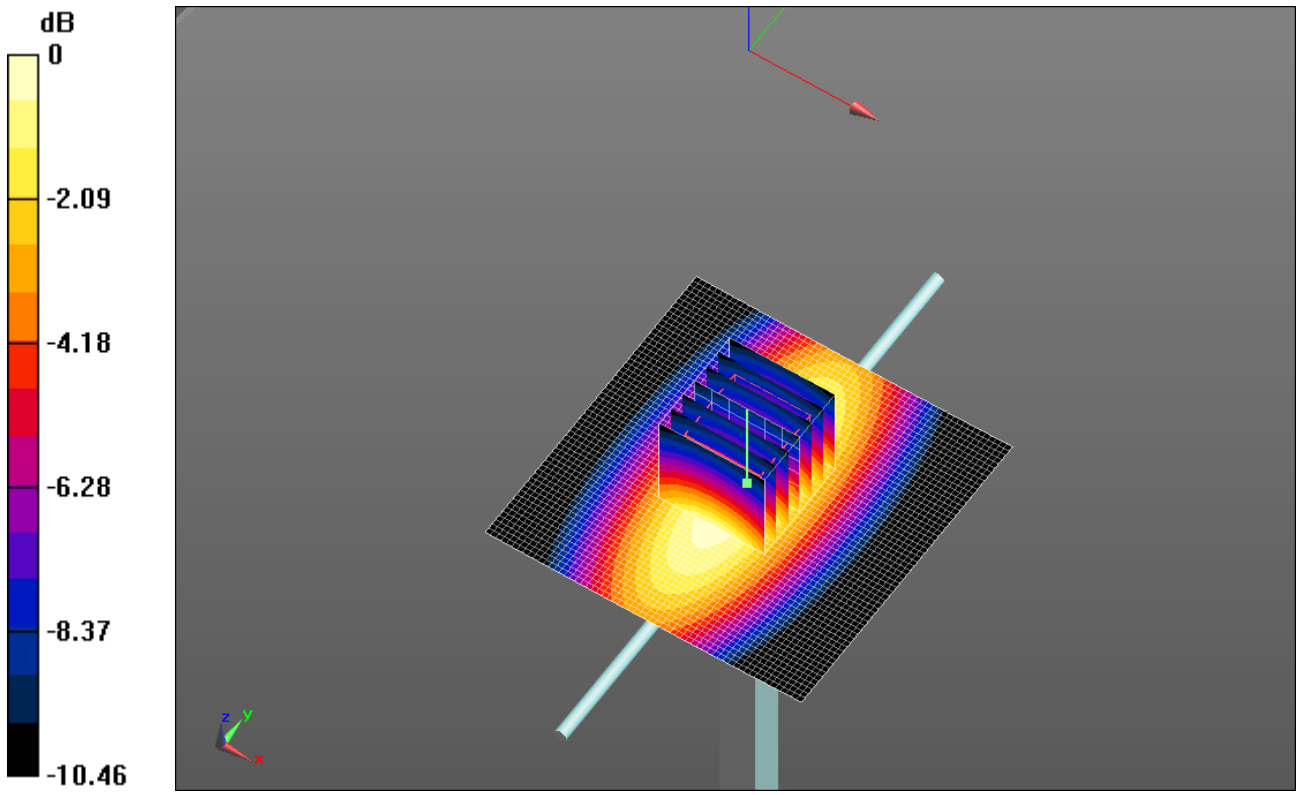
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 835 MHz; σ = 1.005 S/m; ε_r = 53.612; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

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

Reference Value = 35.069 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.685 W/kg
Maximum value of SAR (interpolated) = 1.21 W/kg

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

Reference Value = 35.069 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.659 W/kg
Maximum value of SAR (measured) = 1.23 W/kg

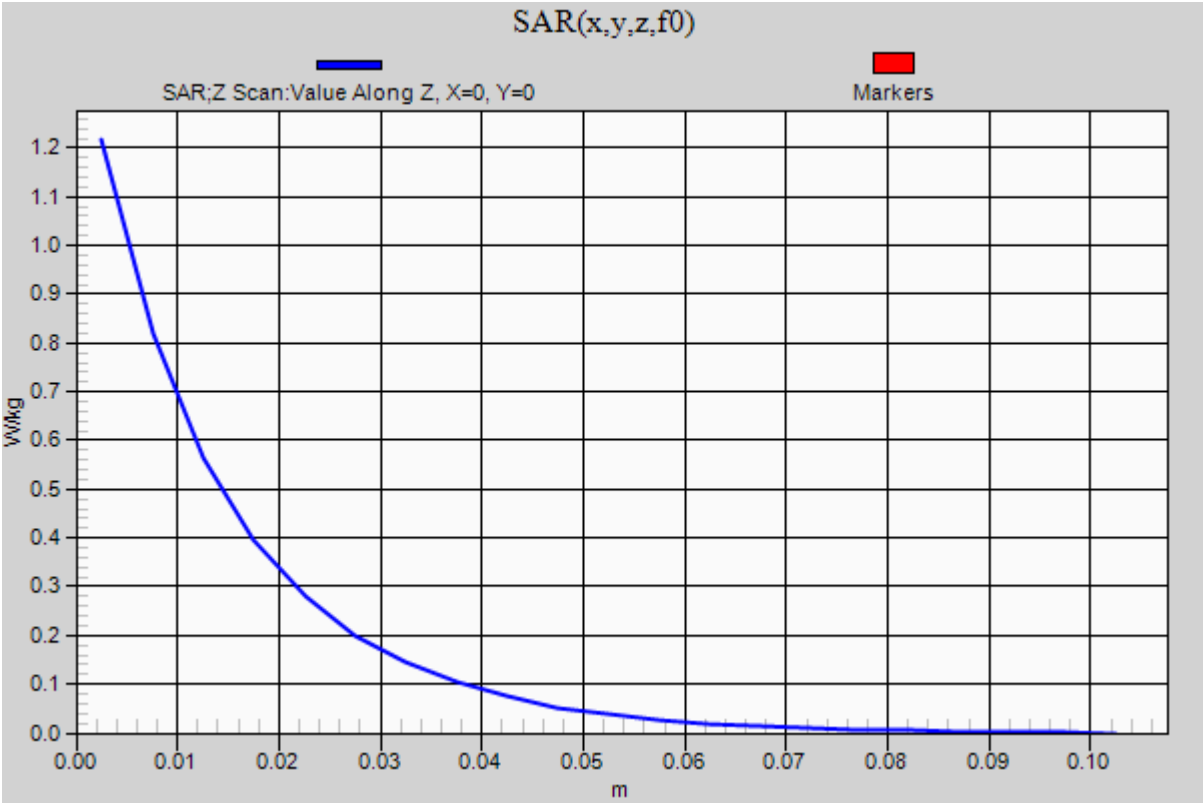


0 dB = 1.23 W/kg = 0.90 dBW/kg

20140626_SystemPerformanceCheck-D835V2 SN 4d142

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) = 1.22 W/kg



20140708_SystemPerformanceCheck-D750V3 SN 1024

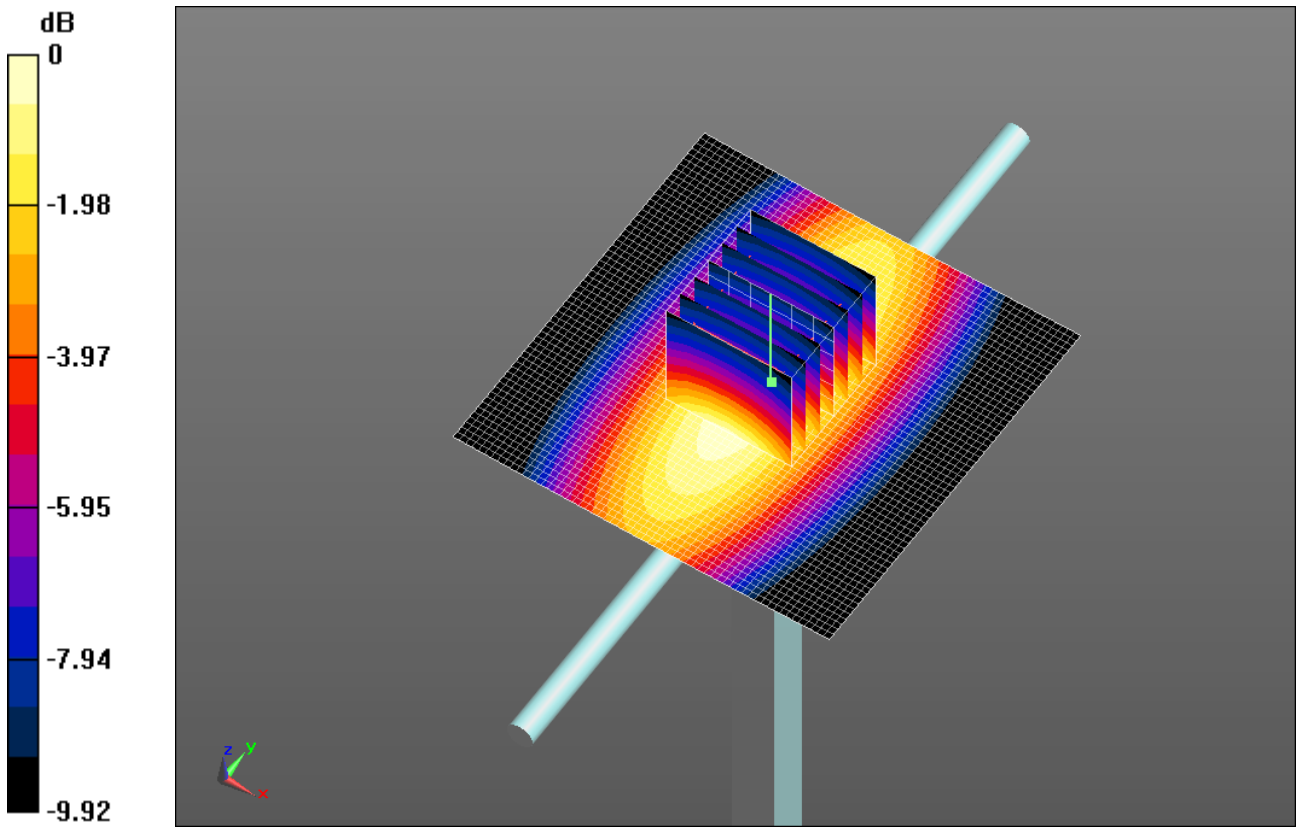
Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 750 MHz; σ = 0.972 S/m; ε_r = 53.34; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1433; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3989; ConvF(10.12, 10.12, 10.12); 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 = 33.283 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (interpolated) = 1.04 W/kg

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

Reference Value = 33.283 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.573 W/kg
Maximum value of SAR (measured) = 1.04 W/kg

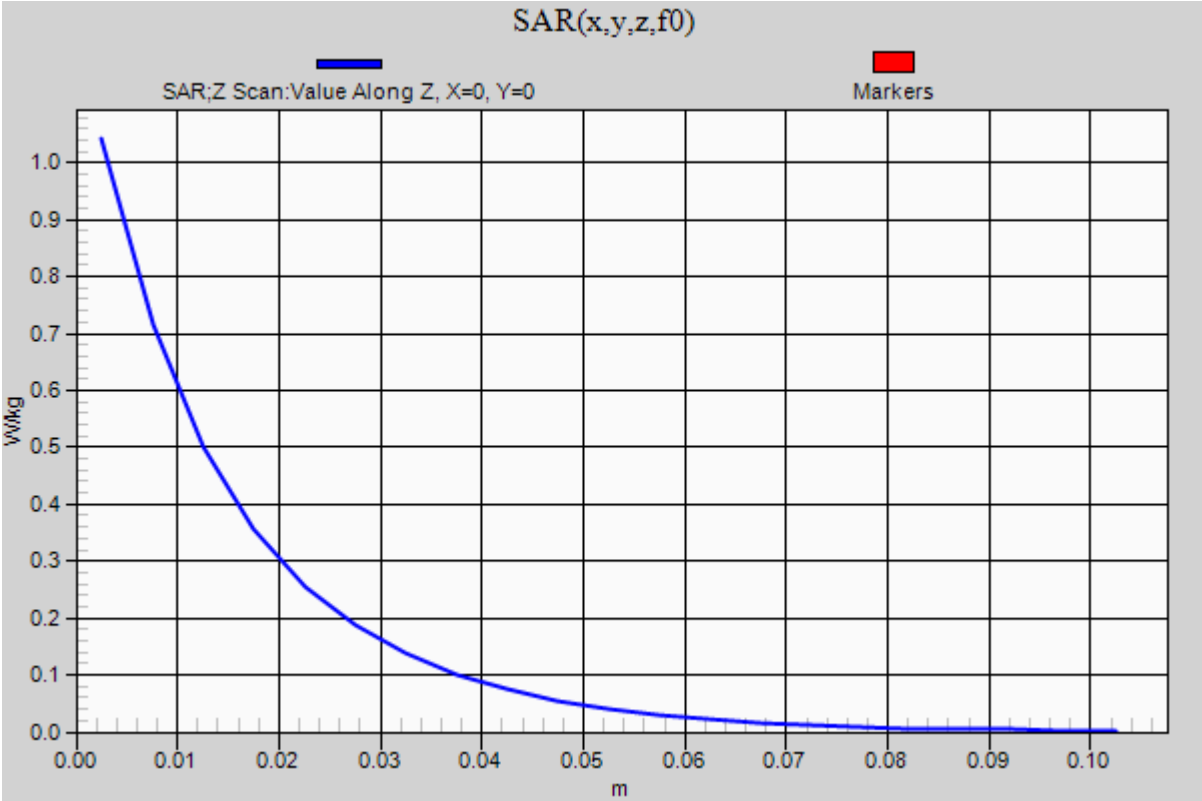


0 dB = 1.04 W/kg = 0.17 dBW/kg

20140708_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 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) = 1.04 W/kg

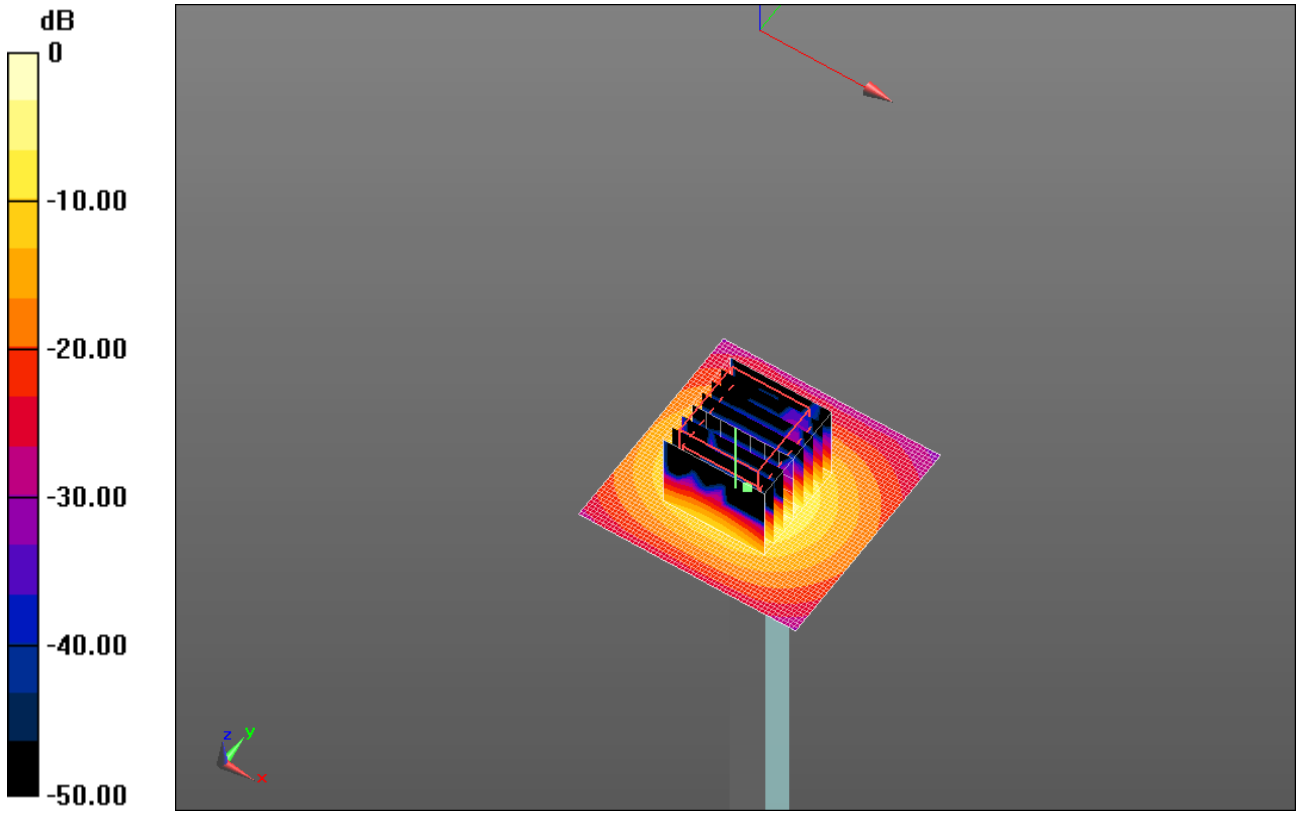


20140717_SystemPerformanceCheck- D5GHzV2 SN 1168

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 = 6.2 S/m; ε_r = 47.422; 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 Sn1357; Calibrated: 2/17/2014
- Probe: EX3DV4 - SN3901; ConvF(3.98, 3.98, 3.98); Calibrated: 2/25/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QD OVA 002 AA; Serial: 1180

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 45.607 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 6.39 W/kg; SAR(10 g) = 1.77 W/kg
Maximum value of SAR (interpolated) = 17.5 W/kg

Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.607 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 6.9 W/kg; SAR(10 g) = 1.93 W/kg
Maximum value of SAR (measured) = 16.7 W/kg

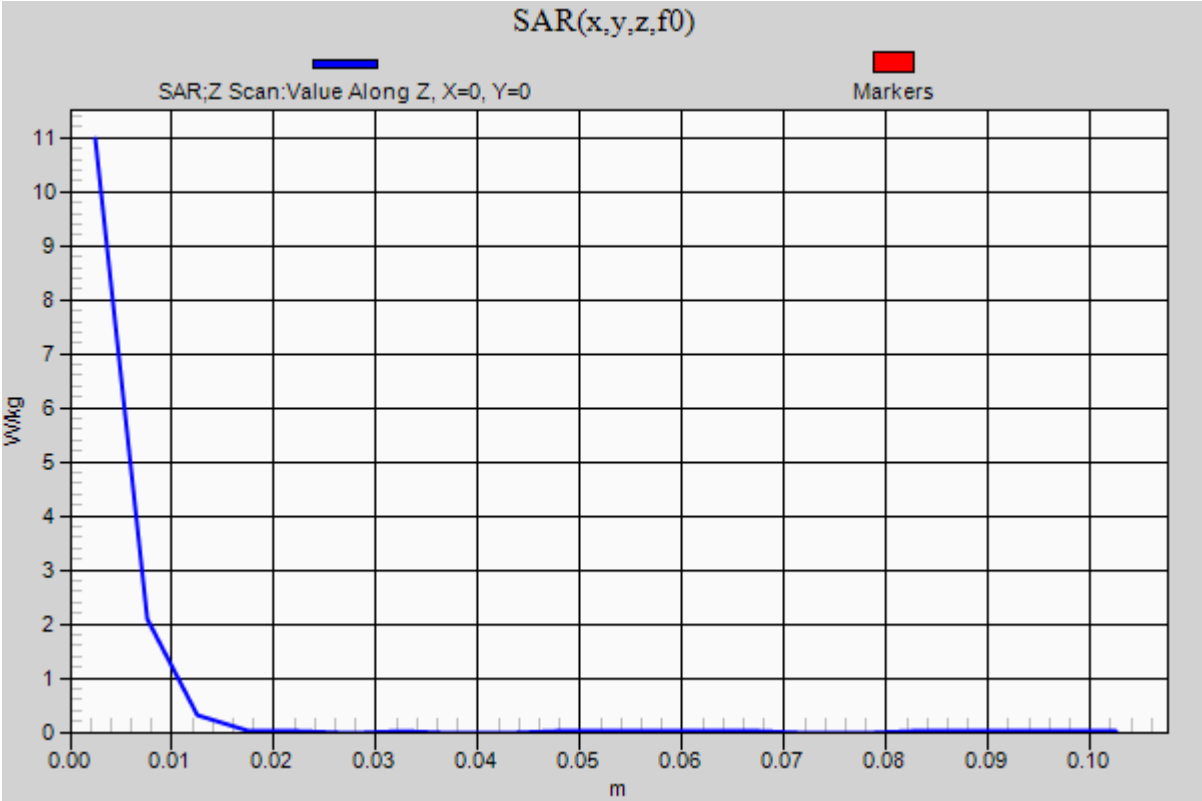


0 dB = 16.7 W/kg = 12.23 dBW/kg

20140717_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 11.0 W/kg



20140707 SystemPerformanceCheck-D5GHzV2 SN 1003

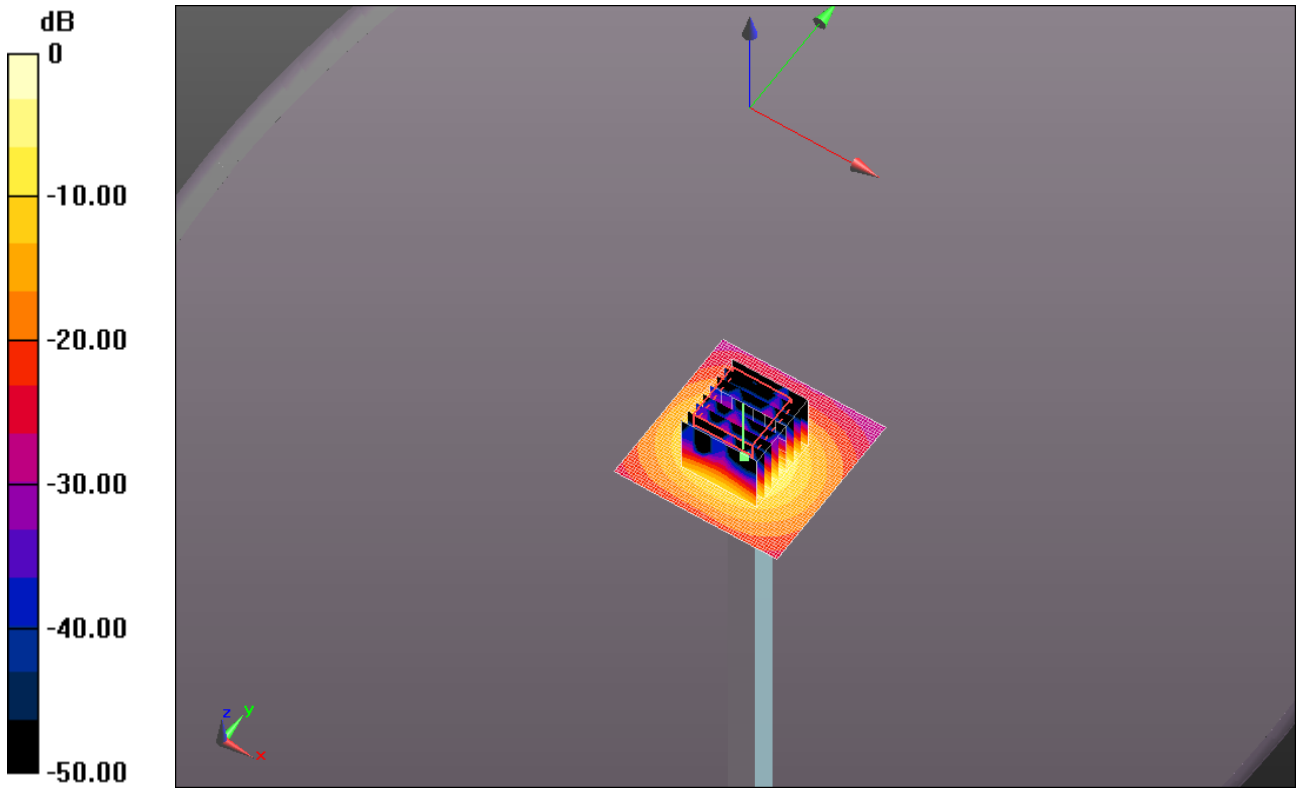
Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5800 MHz; σ = 6.077 S/m; ε_r = 46.212; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(3.86, 3.86, 3.86); Calibrated: 9/18/2013;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Body/5.8 GHz, Pin=100mW 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 46.784 V/m; Power Drift = -0.10 dB
Fast SAR: SAR(1 g) = 6.39 W/kg; SAR(10 g) = 1.74 W/kg
Maximum value of SAR (interpolated) = 17.6 W/kg

Body/5.8 GHz, Pin=100mW 2 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.784 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 6.8 W/kg; SAR(10 g) = 1.91 W/kg
Maximum value of SAR (measured) = 16.5 W/kg

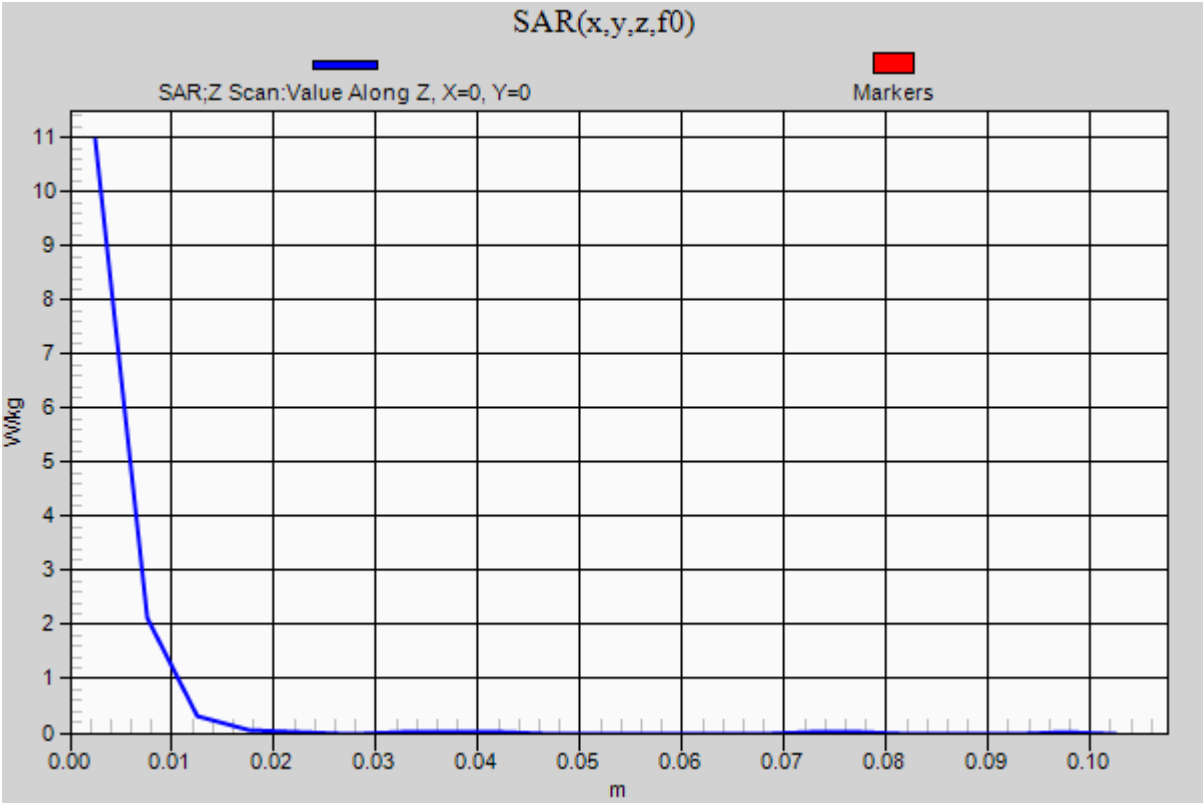


0 dB = 16.5 W/kg = 12.17 dBW/kg

20140707 SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW 2 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 11.0 W/kg

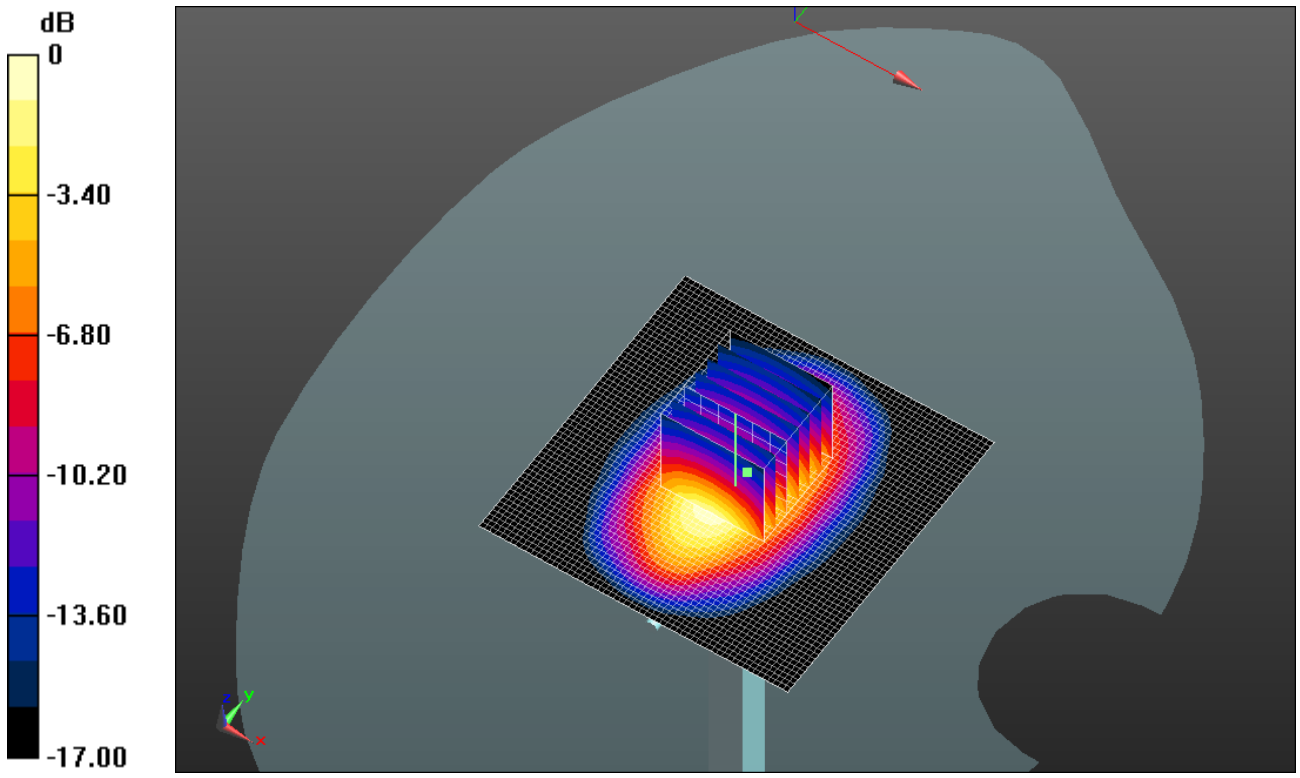


20140623_SystemPerformanceCheck-D1750V2 SN 1050

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 = 1.32 S/m; ε_r = 40.386; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.58, 8.58, 8.58); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

Head/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 61.980 V/m; Power Drift = -0.16 dB
Fast SAR: SAR(1 g) = 3.77 W/kg; SAR(10 g) = 2.01 W/kg
Maximum value of SAR (interpolated) = 4.89 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 61.980 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 6.30 W/kg
SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.87 W/kg
Maximum value of SAR (measured) = 4.66 W/kg

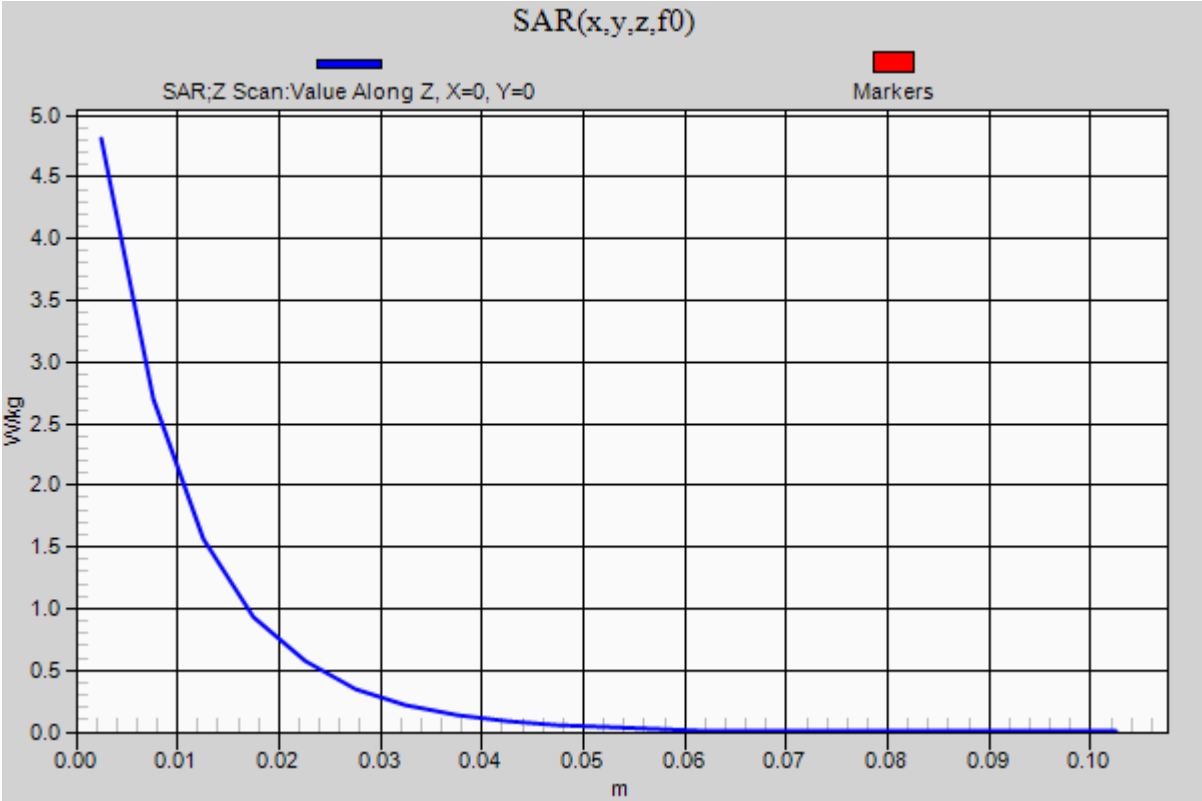


0 dB = 4.66 W/kg = 6.68 dBW/kg

20140623_SystemPerformanceCheck-D1750V2 SN 1050

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) = 4.81 W/kg

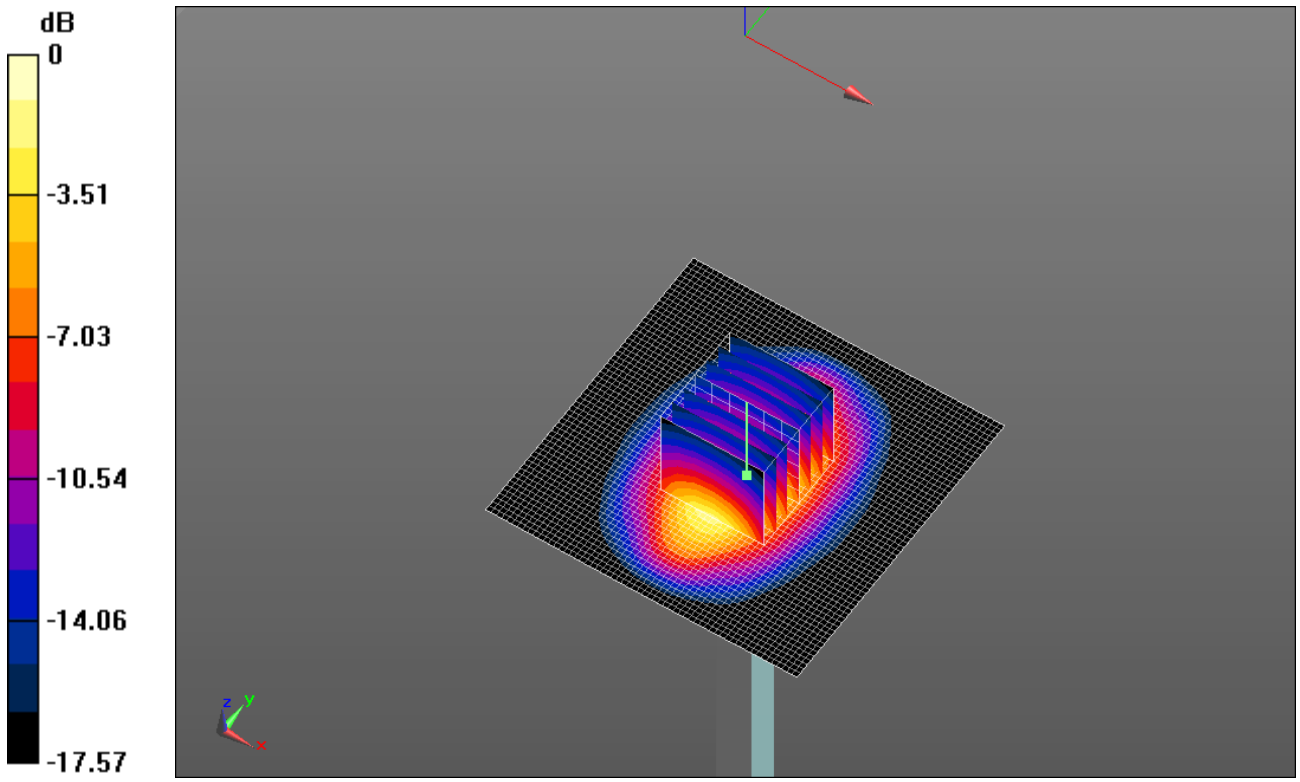


20140707_SystemPerformanceCheck-D1900V2 SN 5d163

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 = 1.542 S/m; ε_r = 51.988; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(7.88, 7.88, 7.88); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 60.806 V/m; Power Drift = -0.03 dB
Fast SAR: SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.09 W/kg
Maximum value of SAR (interpolated) = 5.61 W/kg

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.806 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 7.62 W/kg
SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.13 W/kg
Maximum value of SAR (measured) = 5.58 W/kg

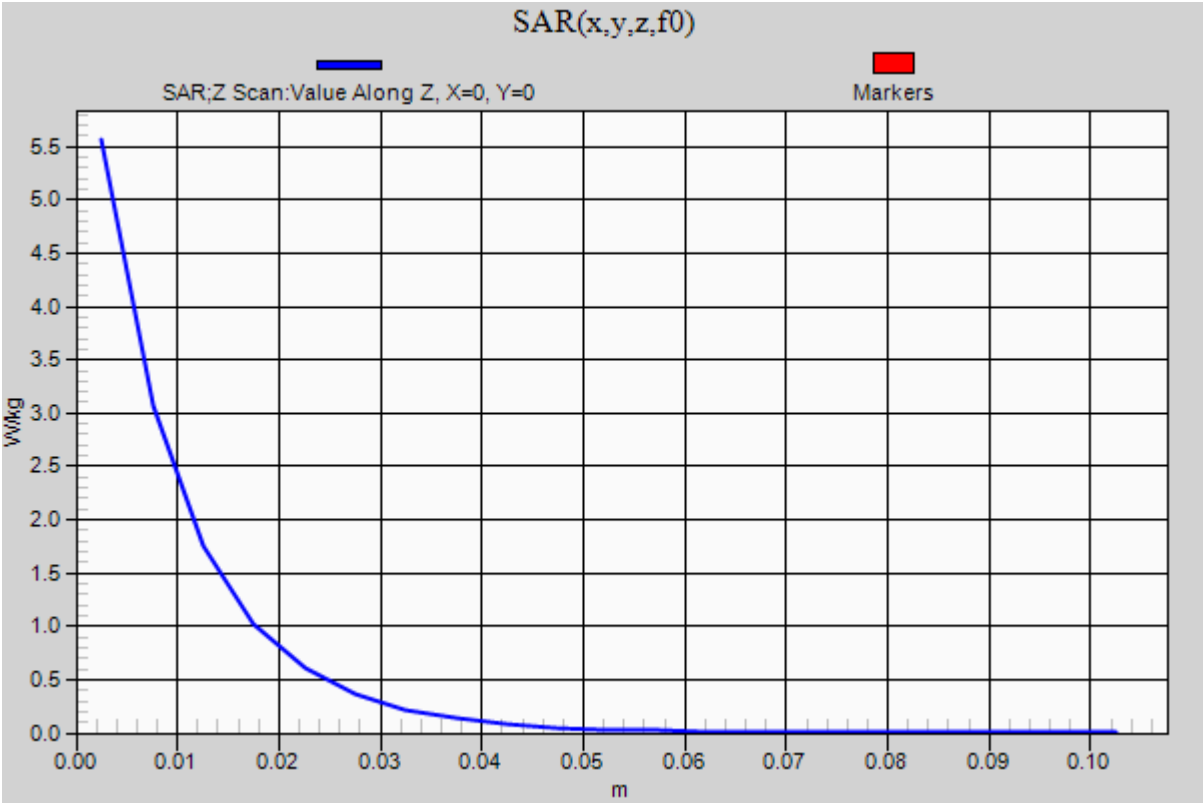


0 dB = 5.58 W/kg = 7.47 dBW/kg

20140707_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) = 5.56 W/kg

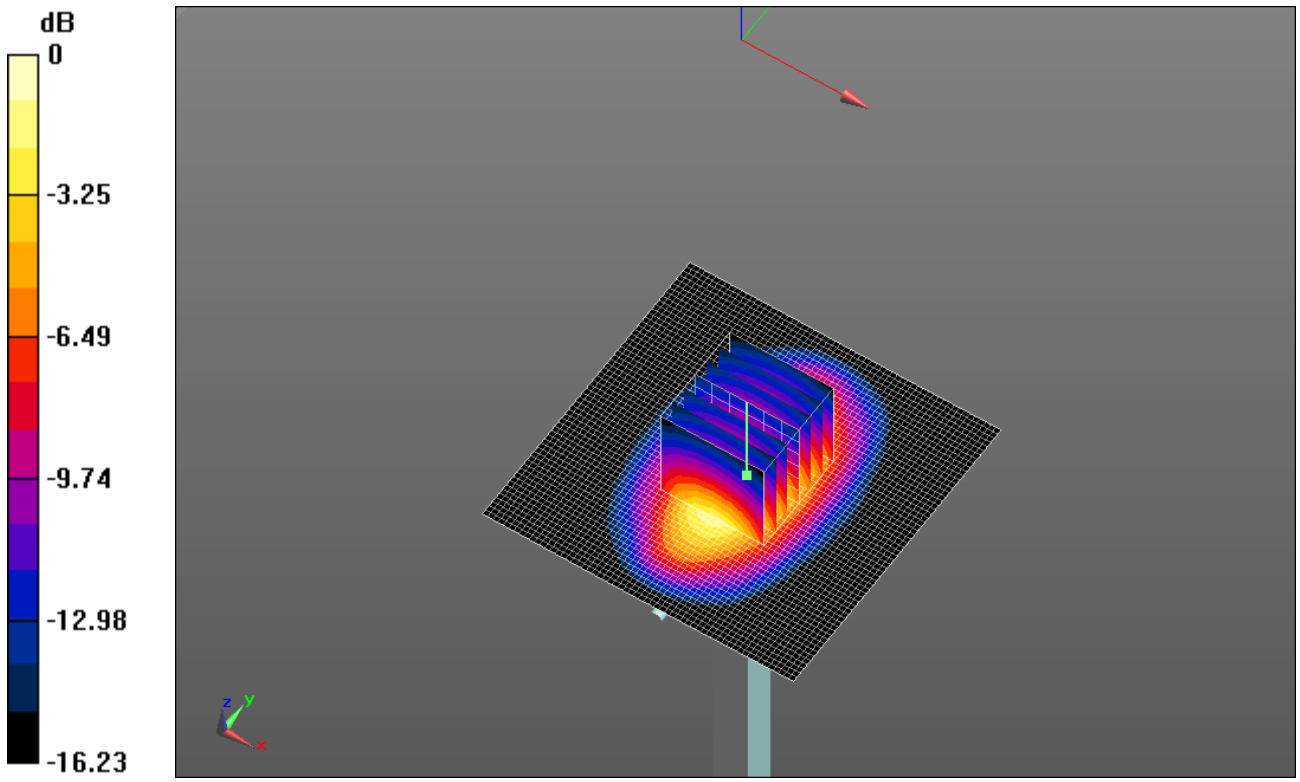


20140707_SystemPerformanceCheck-D1750V2 SN 1053

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 = 1.49 S/m; ε_r = 52.093; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

Body/Pin=100 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 59.392 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.1 W/kg
Maximum value of SAR (interpolated) = 5.27 W/kg

Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.392 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 7.07 W/kg
SAR(1 g) = 3.95 W/kg; SAR(10 g) = 2.1 W/kg
Maximum value of SAR (measured) = 5.31 W/kg

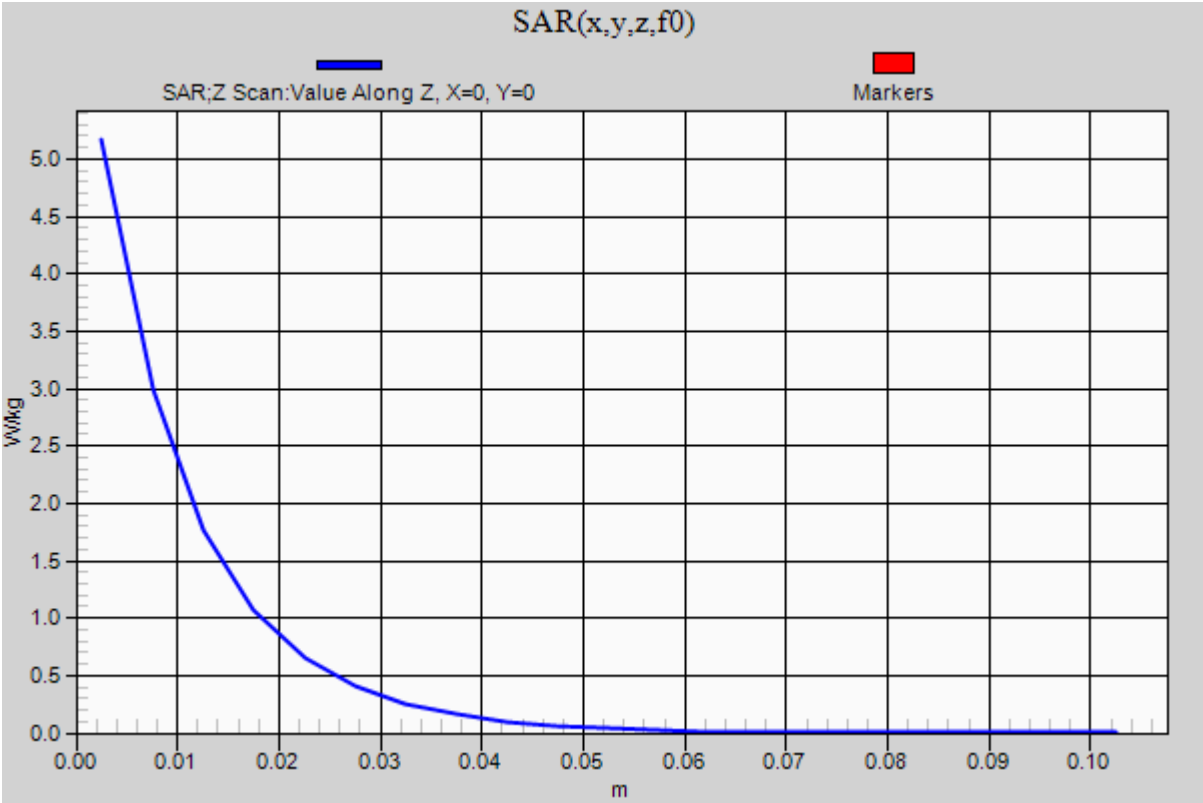


0 dB = 5.31 W/kg = 7.25 dBW/kg

20140707_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 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) = 5.17 W/kg



20140626_SystemPerformanceCheck-D1900V2 SN 5d140

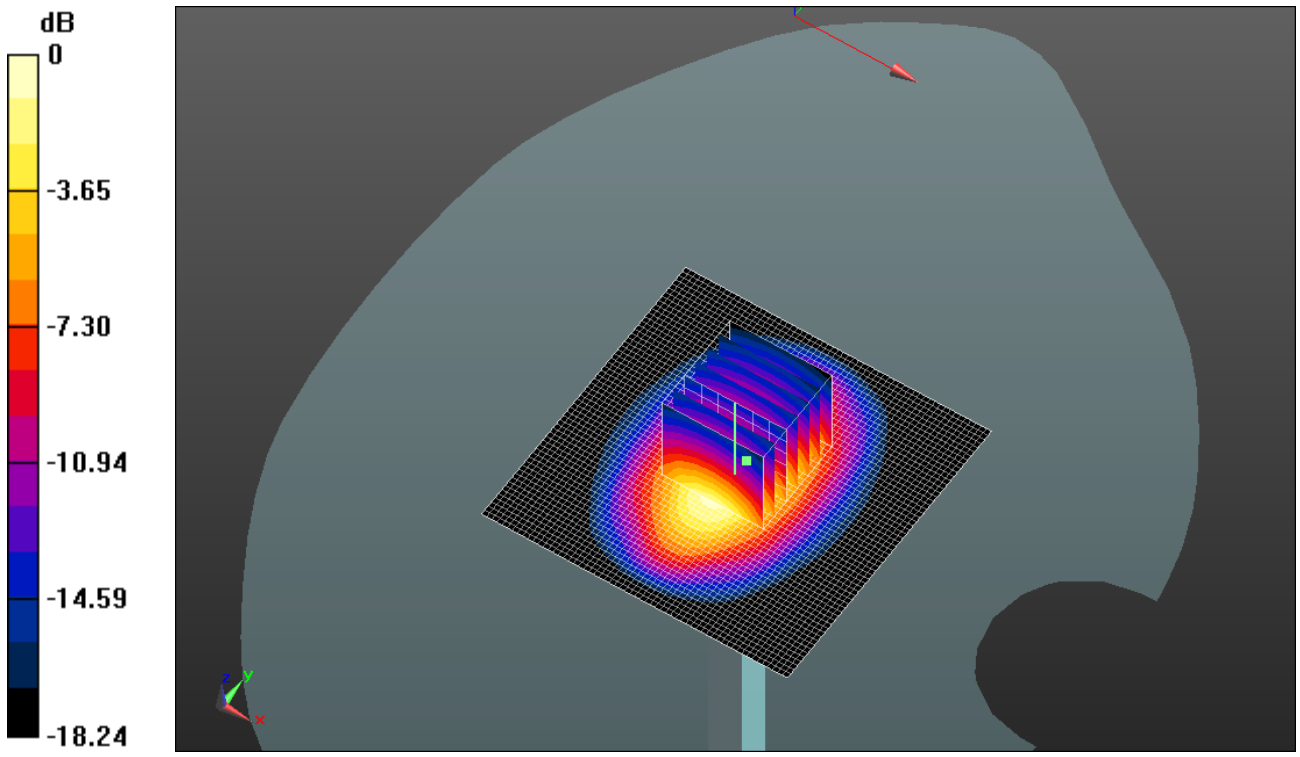
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1900 MHz; σ = 1.393 S/m; ε_r = 39.496; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- 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

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

Reference Value = 61.093 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.98 W/kg
Maximum value of SAR (interpolated) = 5.12 W/kg

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

Reference Value = 61.093 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.96 W/kg
SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.94 W/kg
Maximum value of SAR (measured) = 5.04 W/kg

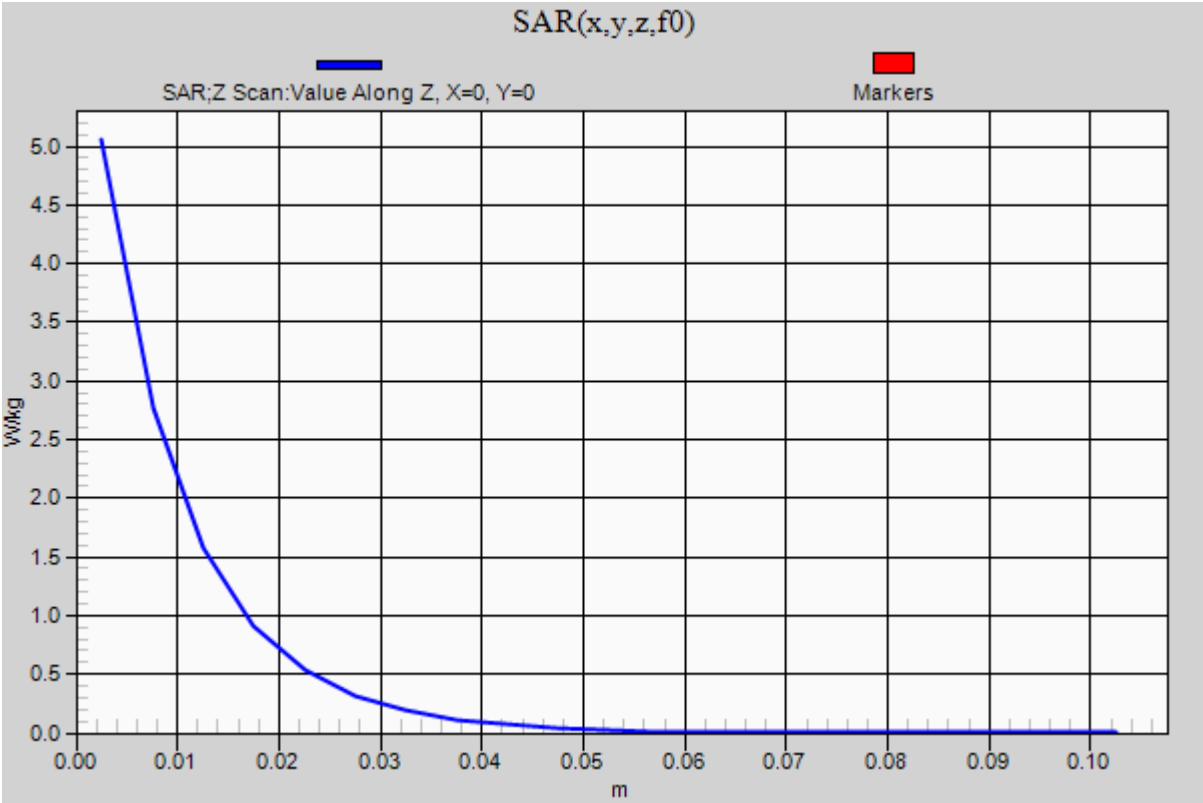


0 dB = 5.04 W/kg = 7.02 dBW/kg

20140626_SystemPerformanceCheck-D1900V2 SN 5d140

Frequency: 1900 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) = 5.06 W/kg



GSM850_UAT

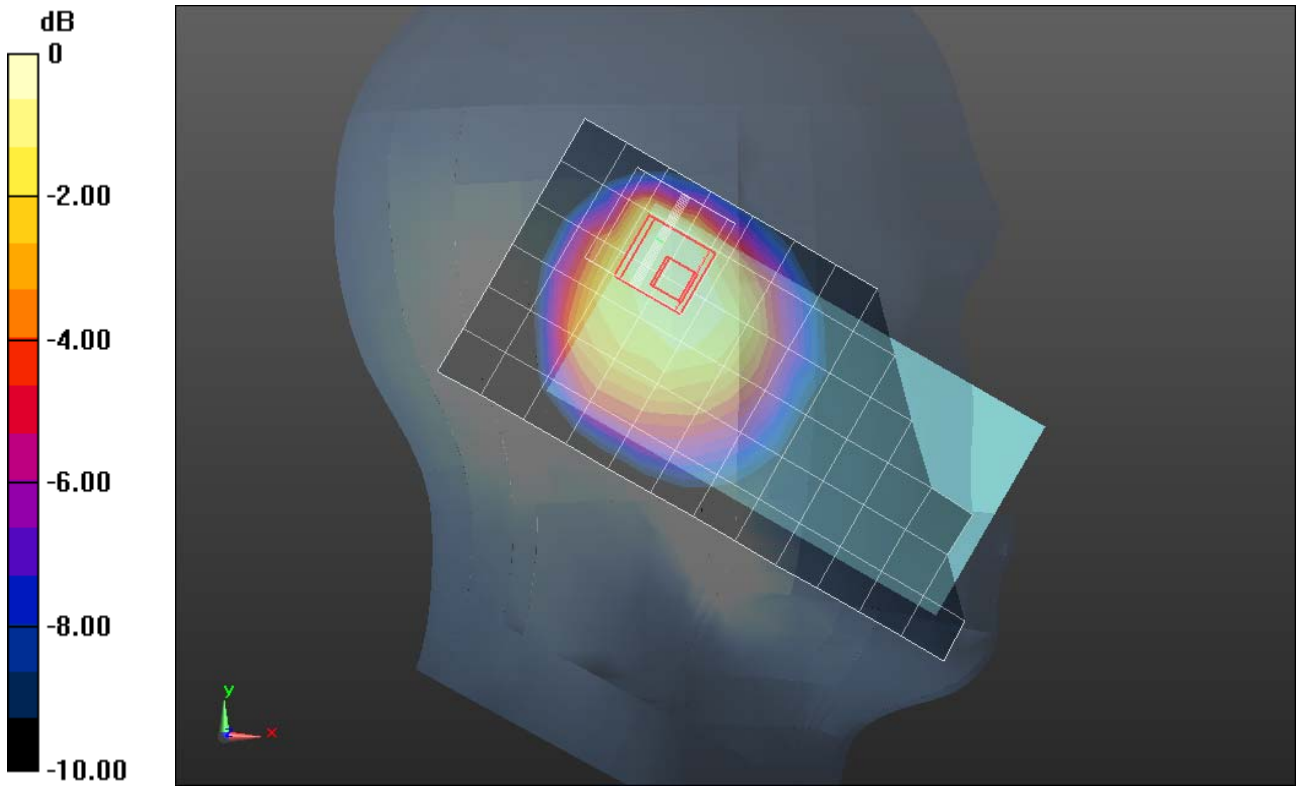
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.923 S/m; ε_r = 42.383; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_GPRS 2 slot_ch 190/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.831 W/kg

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

Reference Value = 30.702 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.532 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.963 W/kg



0 dB = 0.963 W/kg = -0.16 dBW/kg

GSM850_LAT

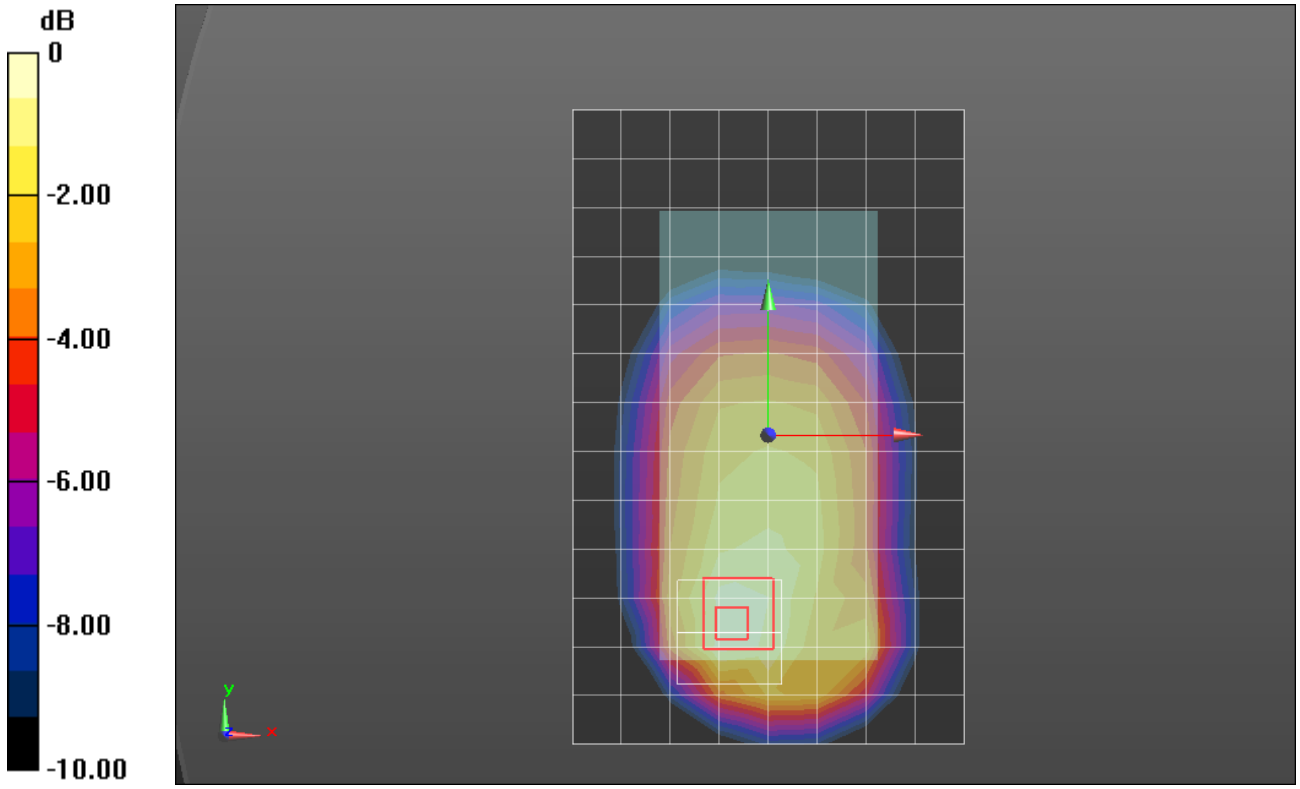
Frequency: 836.6 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 S/m; ε_r = 55.516; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Rear/GSM Voice_ch 190/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.376 W/kg

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

Reference Value = 19.615 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.217 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg = -3.94 dBW/kg

GSM850_LAT

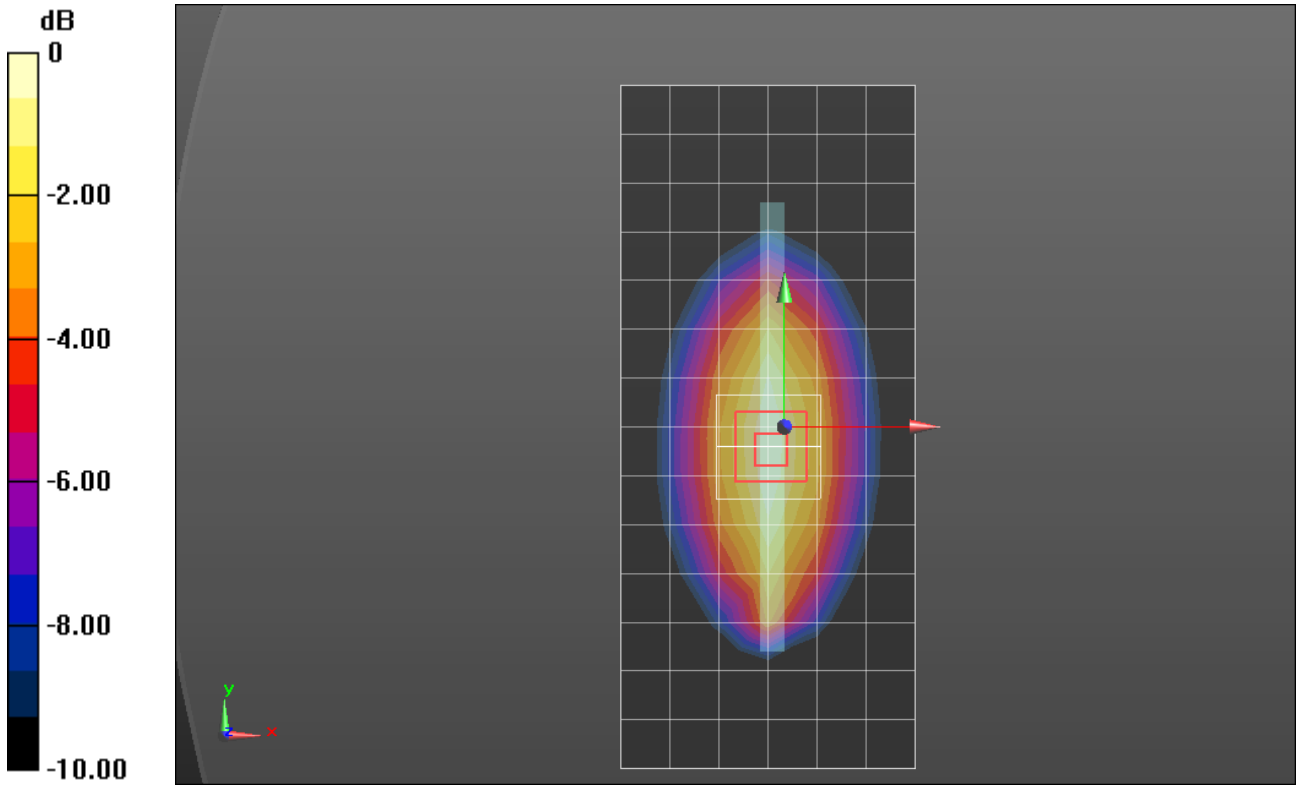
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.003 S/m; ε_r = 55.516; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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)
- Phantom: ELI A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/GPRS 2 slots_ch 190/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.574 W/kg

Edge 4/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.071 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.309 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.569 W/kg



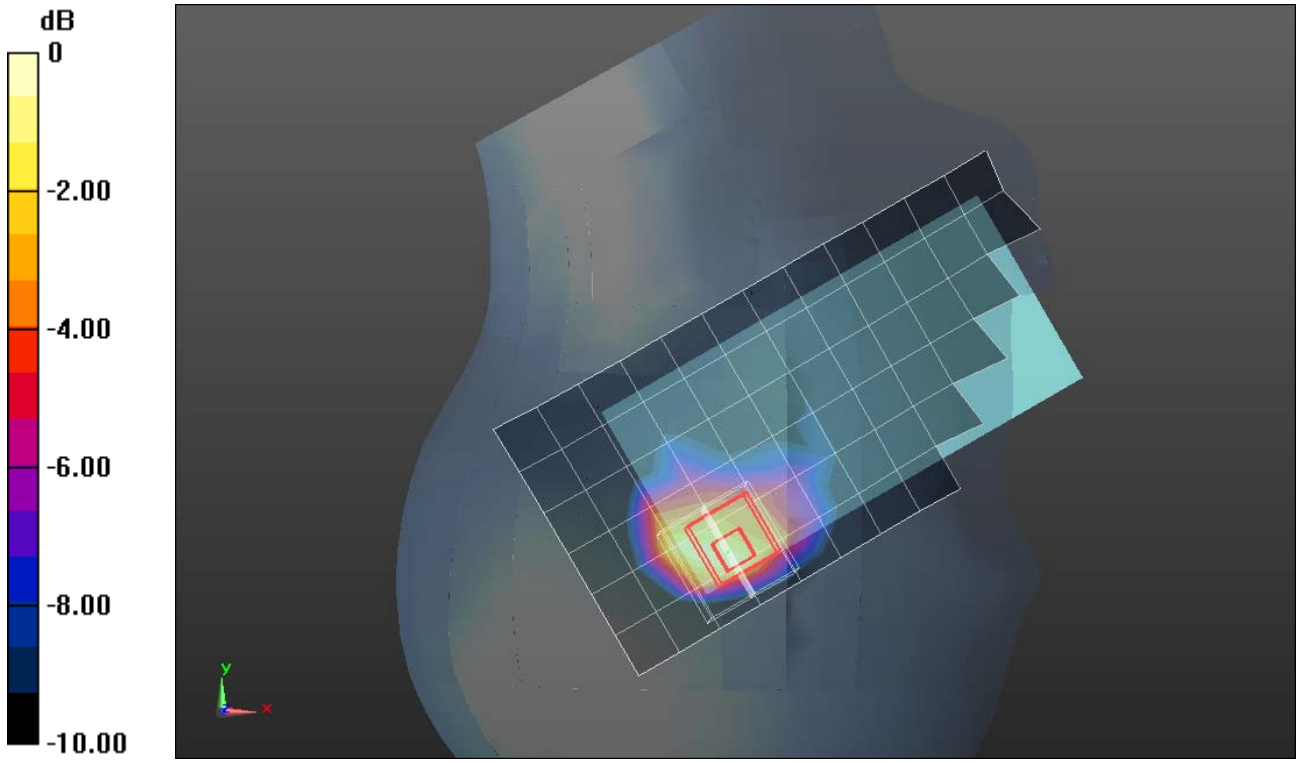
0 dB = 0.569 W/kg = -2.45 dBW/kg

GSM1900_UAT

Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.419 S/m; ε_r = 40.052; 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_EGPRS_2 Slots _ch 810/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 W/kg

RHS/Touch_EGPRS_2 Slots _ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.822 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

GSM1900_LAT

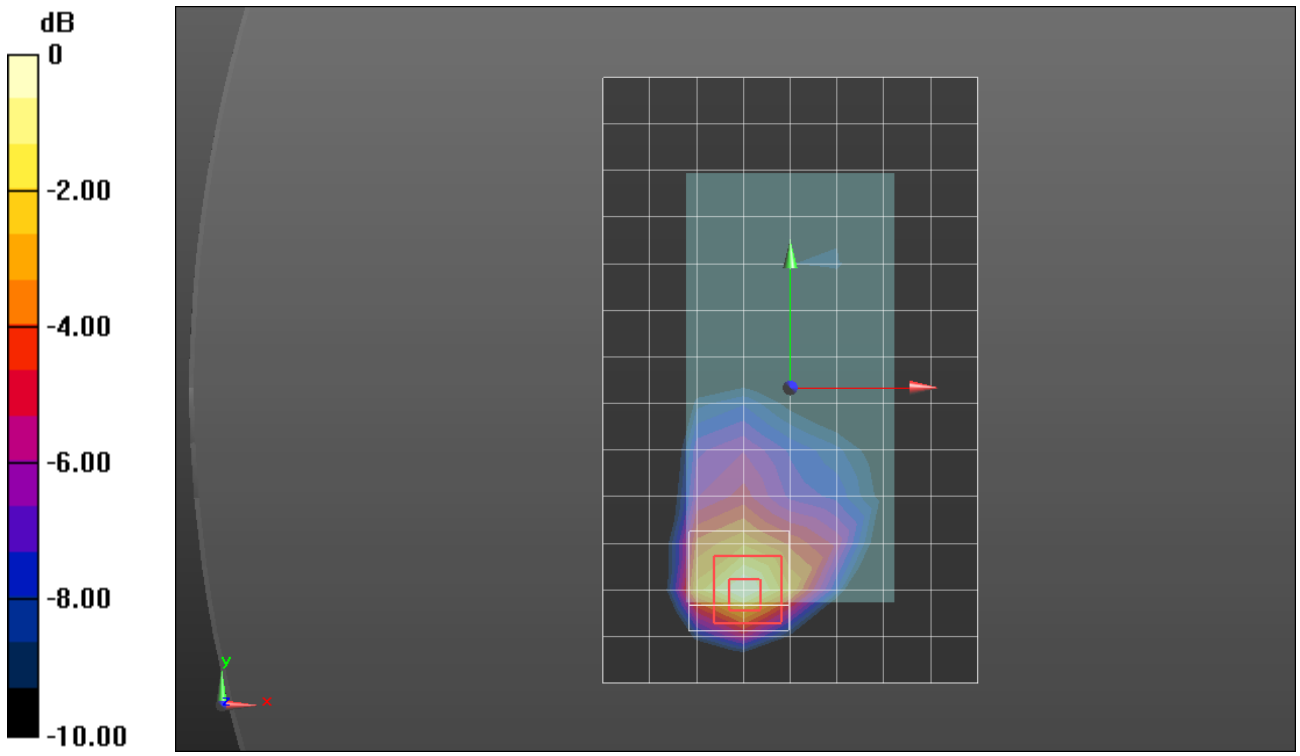
Frequency: 1909.8 MHz; Duty Cycle: 1:8; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.53 S/m; ε_r = 51.66; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 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/Voice_ch 810/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.46 W/kg

Rear/Voice_ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.056 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.494 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

GSM1900_LAT

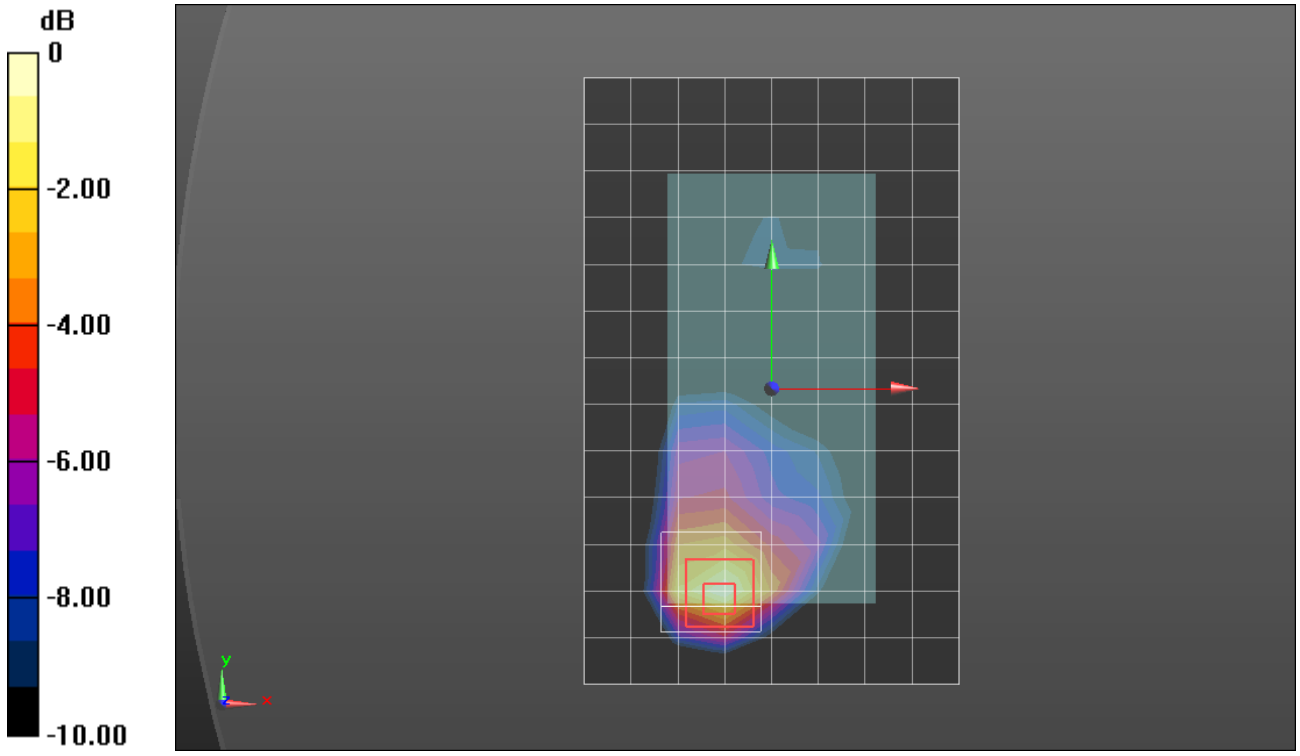
Frequency: 1909.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.53 S/m; ε_r = 51.66; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 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/EGPRS 2 Slots_ch 810/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.64 W/kg

Rear/EGPRS 2 Slots_ch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.081 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.569 W/kg
Maximum value of SAR (measured) = 1.59 W/kg



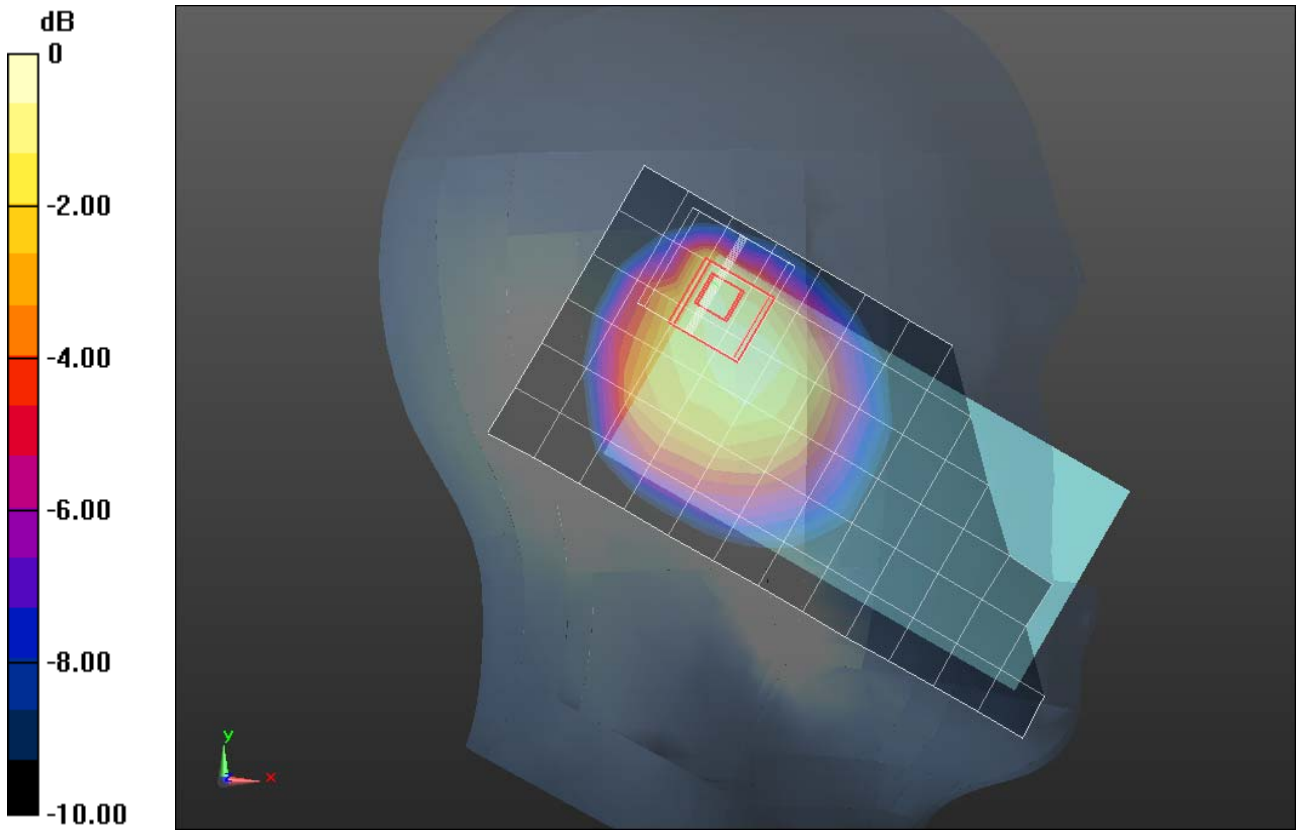
0 dB = 1.59 W/kg = 2.01 dBW/kg

W-CDMA Band V_UAT

Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.895 S/m; ε_r = 41.173; 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 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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_Rel. 99_RMC_ch 4233/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.883 W/kg

LHS/Touch_Rel. 99_RMC_ch 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.125 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.496 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

W-CDMA Band V_LAT

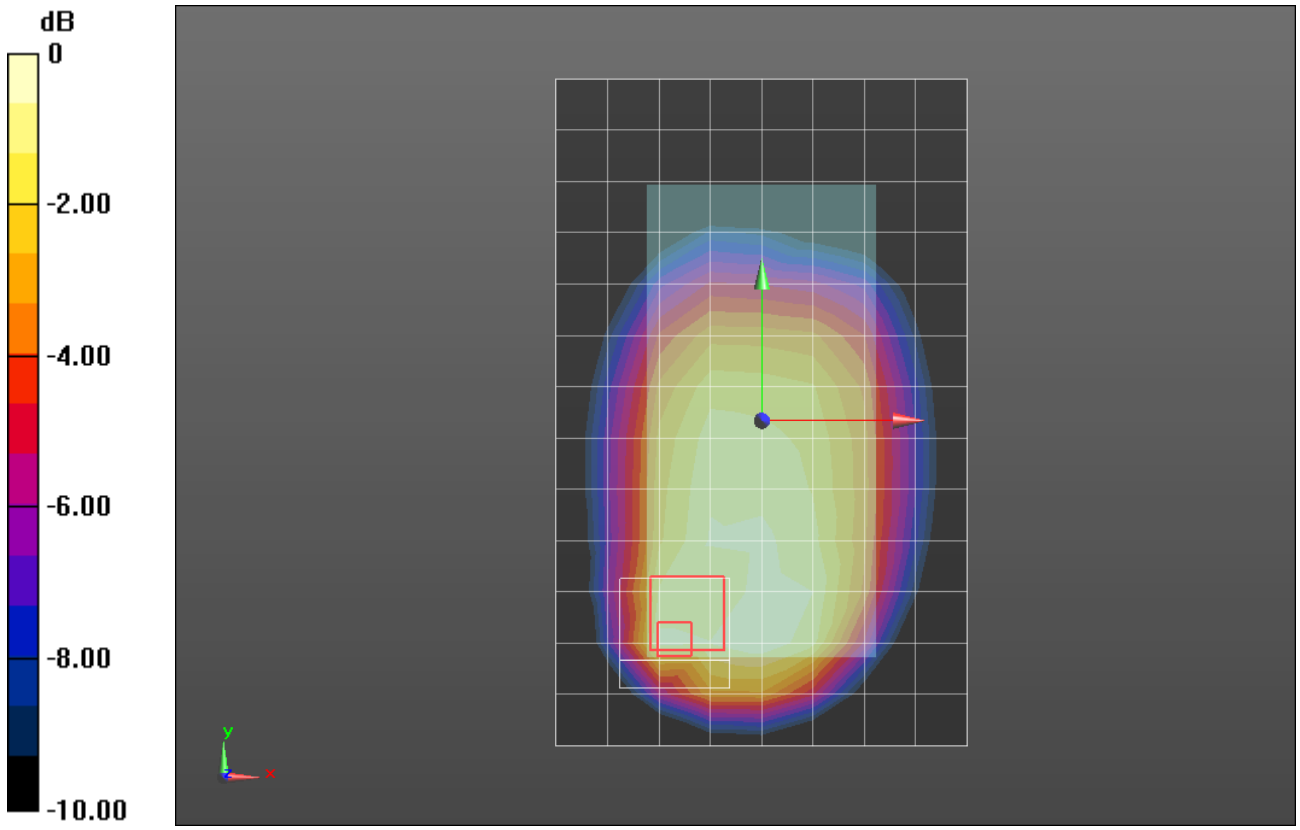
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.994 S/m; ε_r = 53.48; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Front/Rel. 99_RMC_Ch 4183/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.699 W/kg

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

Reference Value = 32.512 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.319 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.714 W/kg



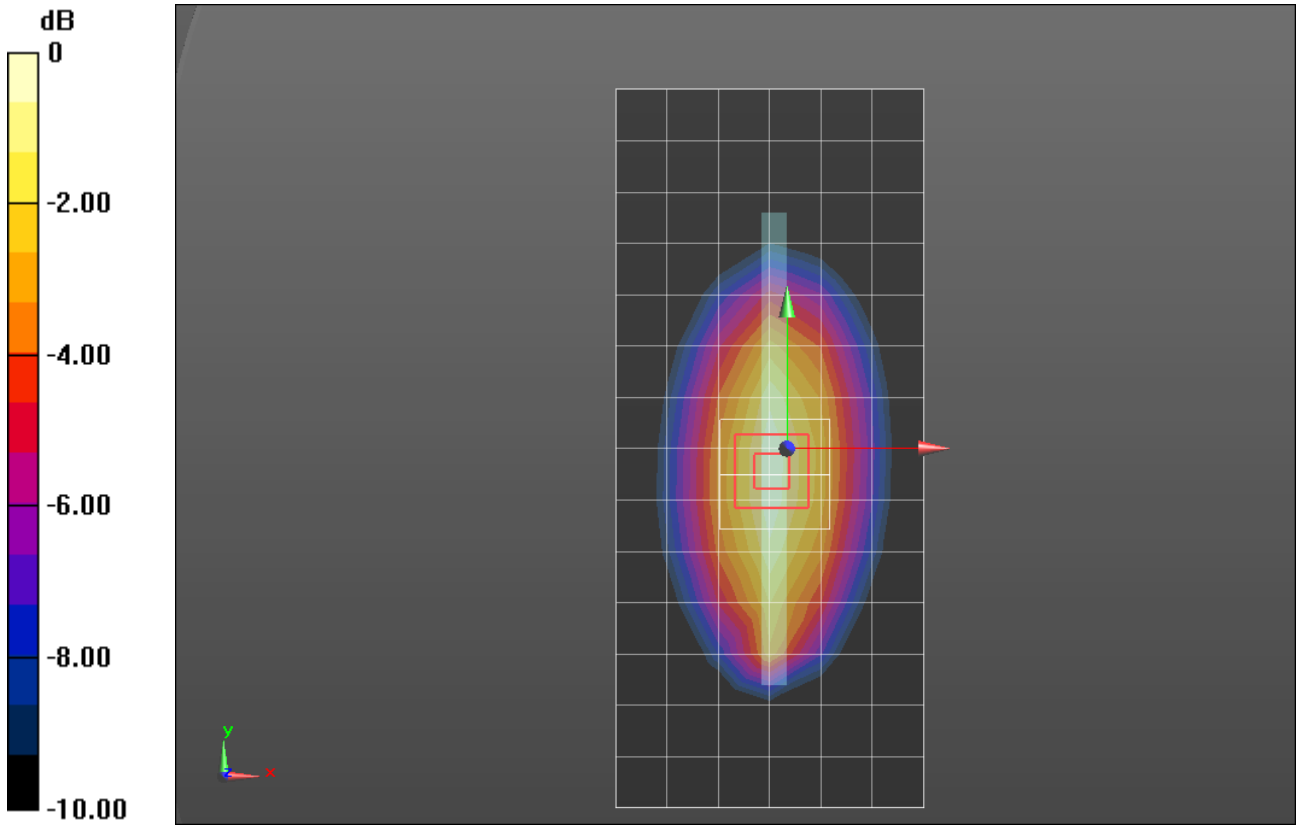
0 dB = 0.714 W/kg = -1.46 dBW/kg

W-CDMA Band V_LAT

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 = 0.994 S/m; ε_r = 53.48; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/Rel. 99_RMC_Ch 4183/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.01 W/kg

Edge 4/Rel. 99_RMC_Ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.512 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



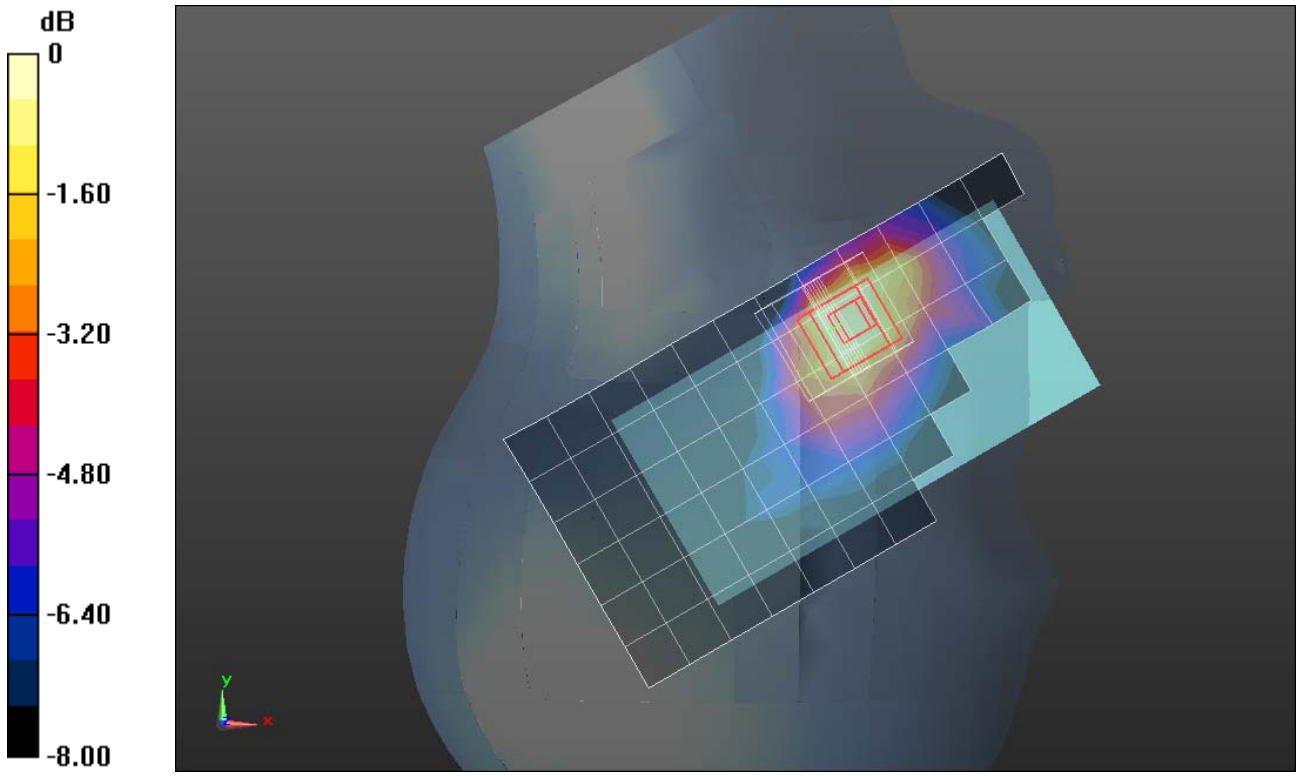
0 dB = 1.05 W/kg = 0.21 dBW/kg

W-CDMA Band IV_LAT

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.31 S/m; ε_r = 38.484; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.58, 8.58, 8.58); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

RHS/Touch_Rel. 99_RMC_ch 1413/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.791 W/kg

RHS/Touch_Rel. 99_RMC_ch 1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.919 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.485 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.912 W/kg = -0.40 dBW/kg

W-CDMA Band IV_UAT

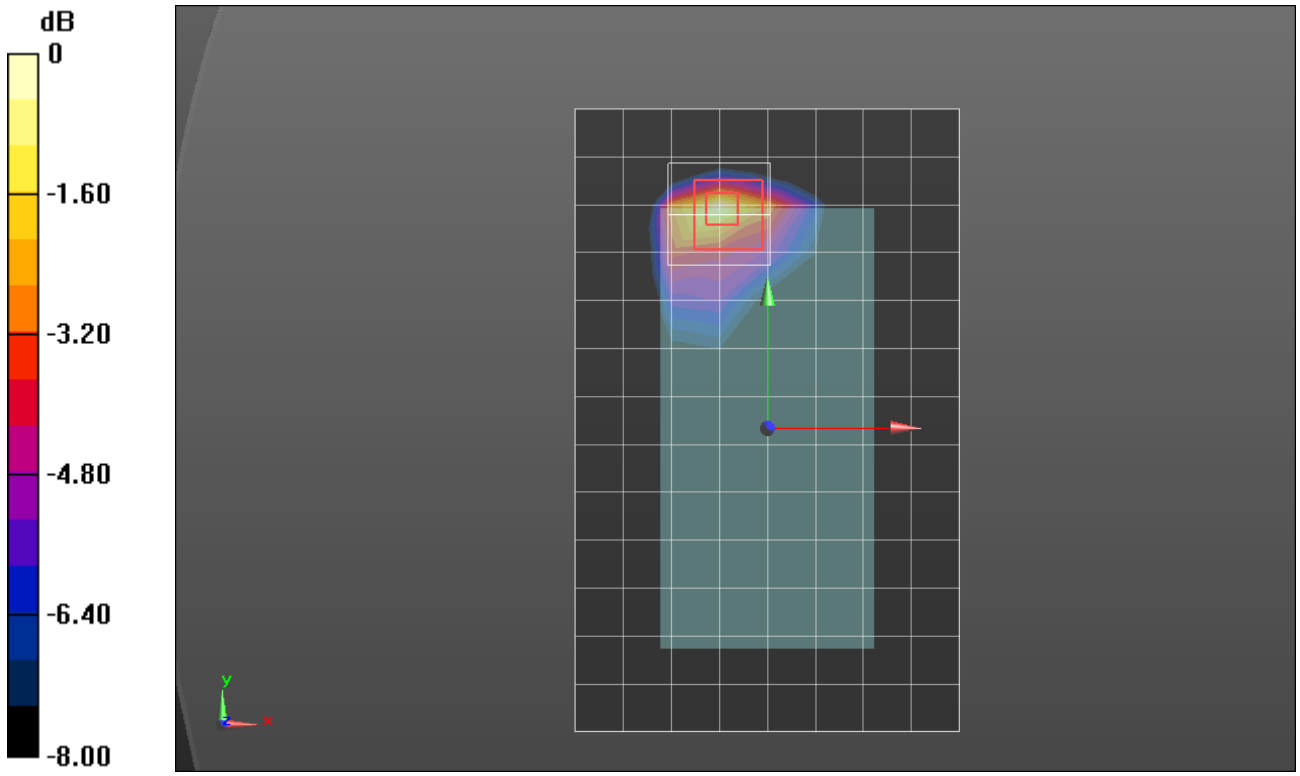
Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.434 S/m; ε_r = 51.924; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); 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 A; Type: QDOVA002AA; Serial: 1258

Front/Rel. 99_RMC_ch 1312/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.39 W/kg

Front/Rel. 99_RMC_ch 1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.355 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.977 W/kg; SAR(10 g) = 0.472 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

W-CDMA Band IV_UAT

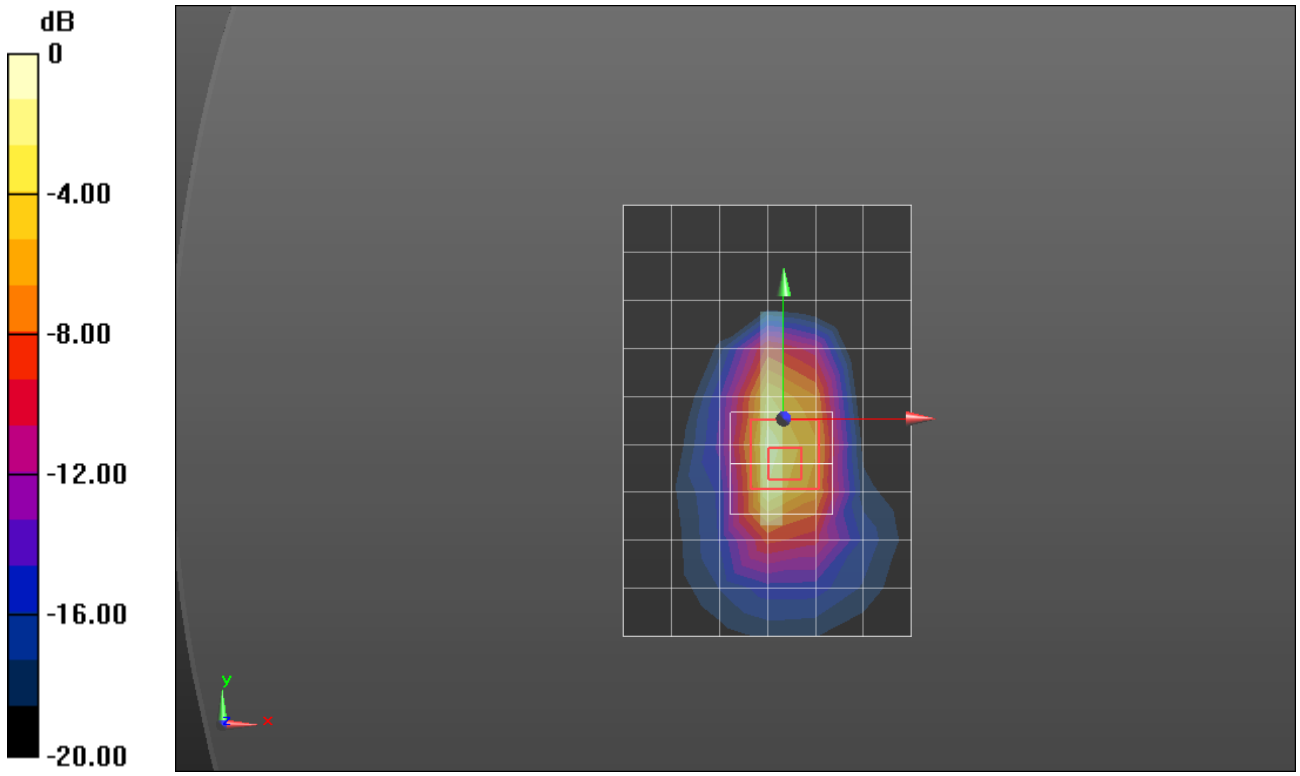
Frequency: 1712.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.434 S/m; ε_r = 51.924; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); 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 A; Type: QDOVA002AA; Serial: 1258

Edge 1/Rel. 99_RMC_ch 1312/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.927 W/kg

Edge 1/Rel. 99_RMC_ch 1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.772 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.463 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.42 W/kg



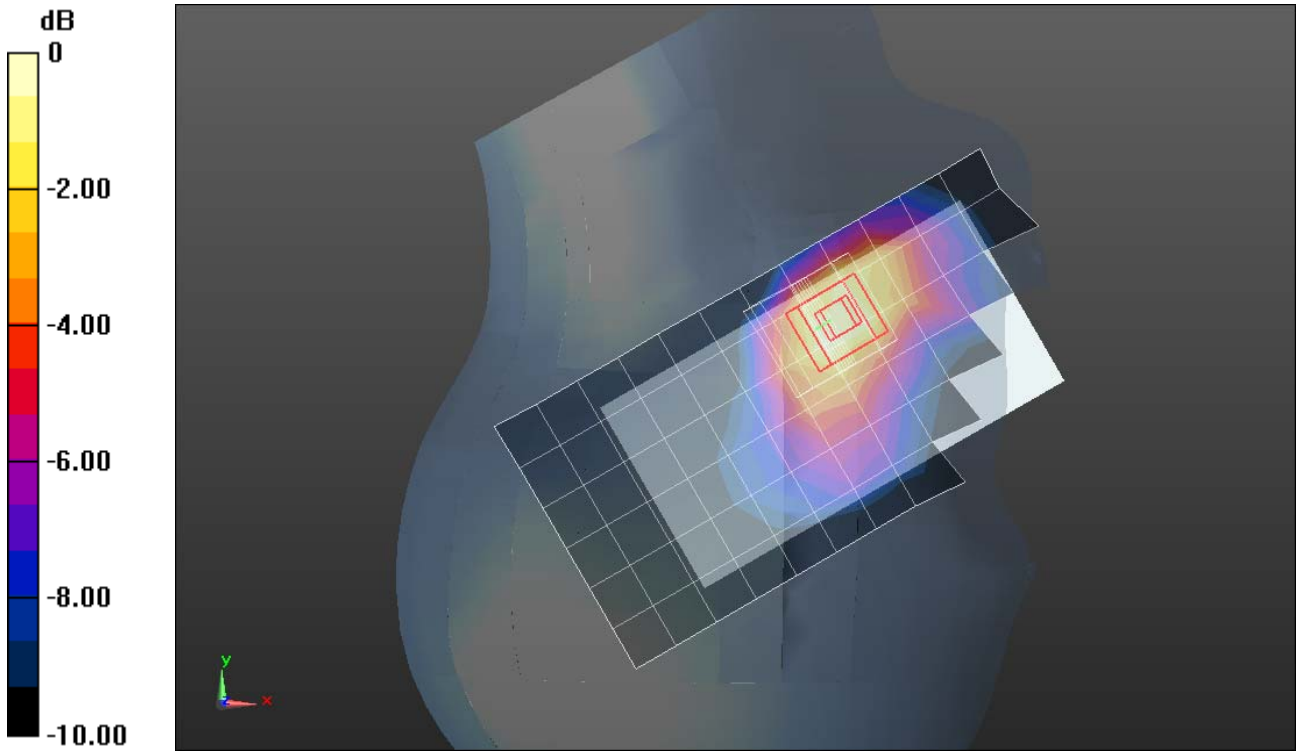
0 dB = 1.42 W/kg = 1.52 dBW/kg

W-CDMA Band II_LAT

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 = 1.374 S/m; ε_r = 39.581; 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 (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 W/kg

RHS/Touch_Rel. 99_RMC_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.940 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.713 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



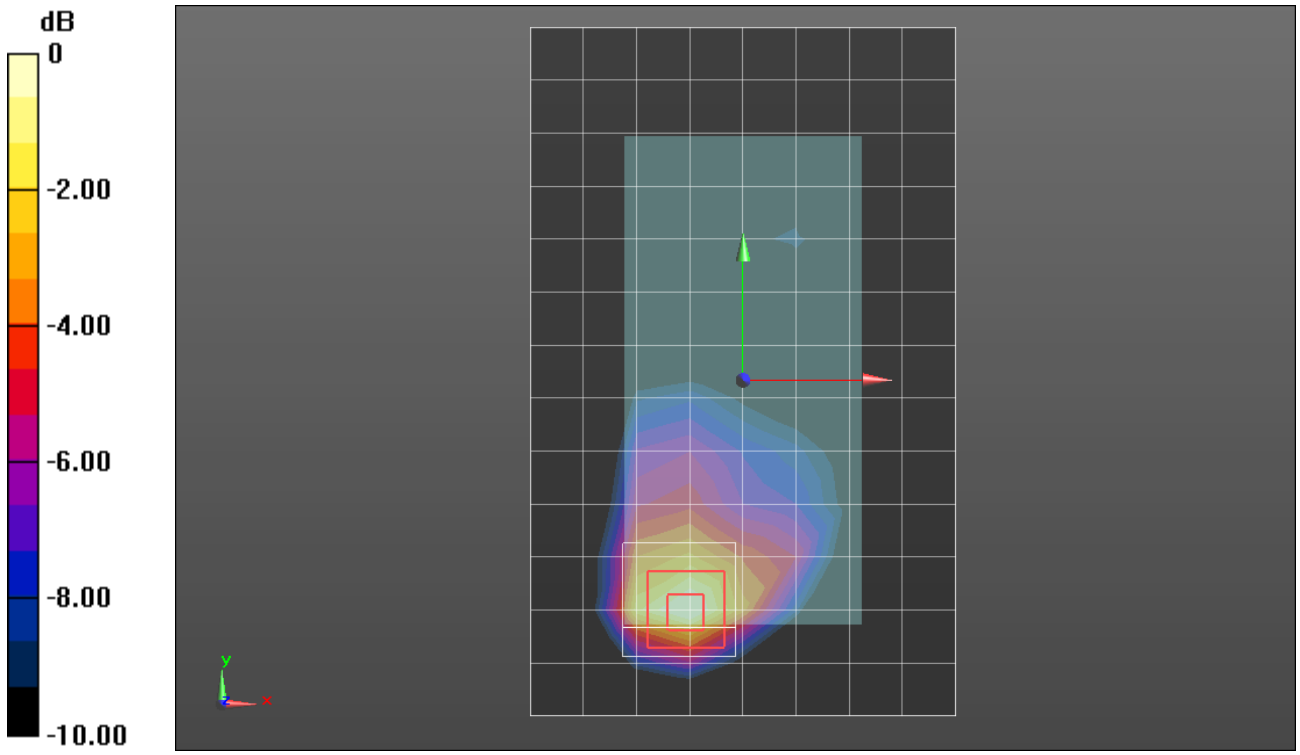
0 dB = 1.46 W/kg = 1.64 dBW/kg

W-CDMA Band II_LAT

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 = 1.554 S/m; ε_r = 51.356; 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/Rel. 99_RMC_ch 9538/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.45 W/kg

Rear/Rel. 99_RMC_ch 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.898 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.491 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.27 W/kg



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

W-CDMA Band II_UAT

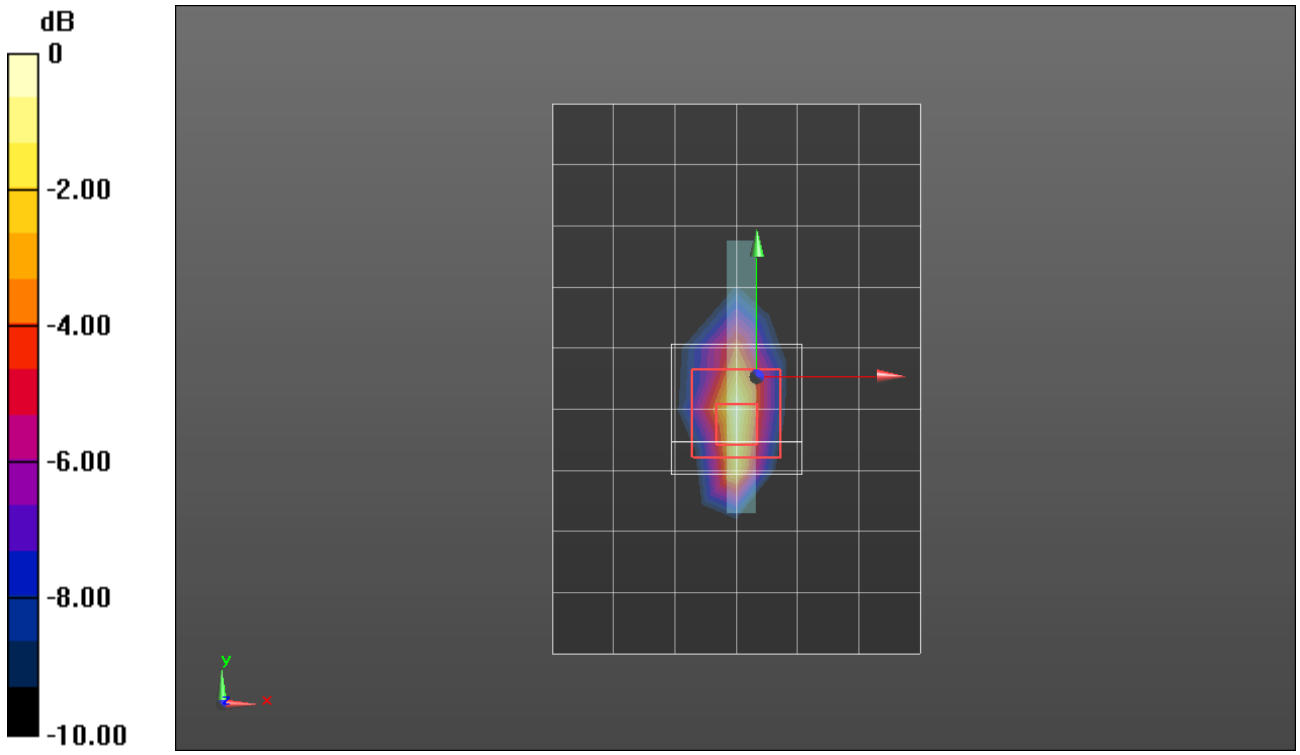
Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.55 S/m; ε_r = 50.962; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 1/Rel. 99_RMC_ch 9538/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.35 W/kg

Edge 1/Rel. 99_RMC_ch 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.960 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.409 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

CDMA BC0_UAT

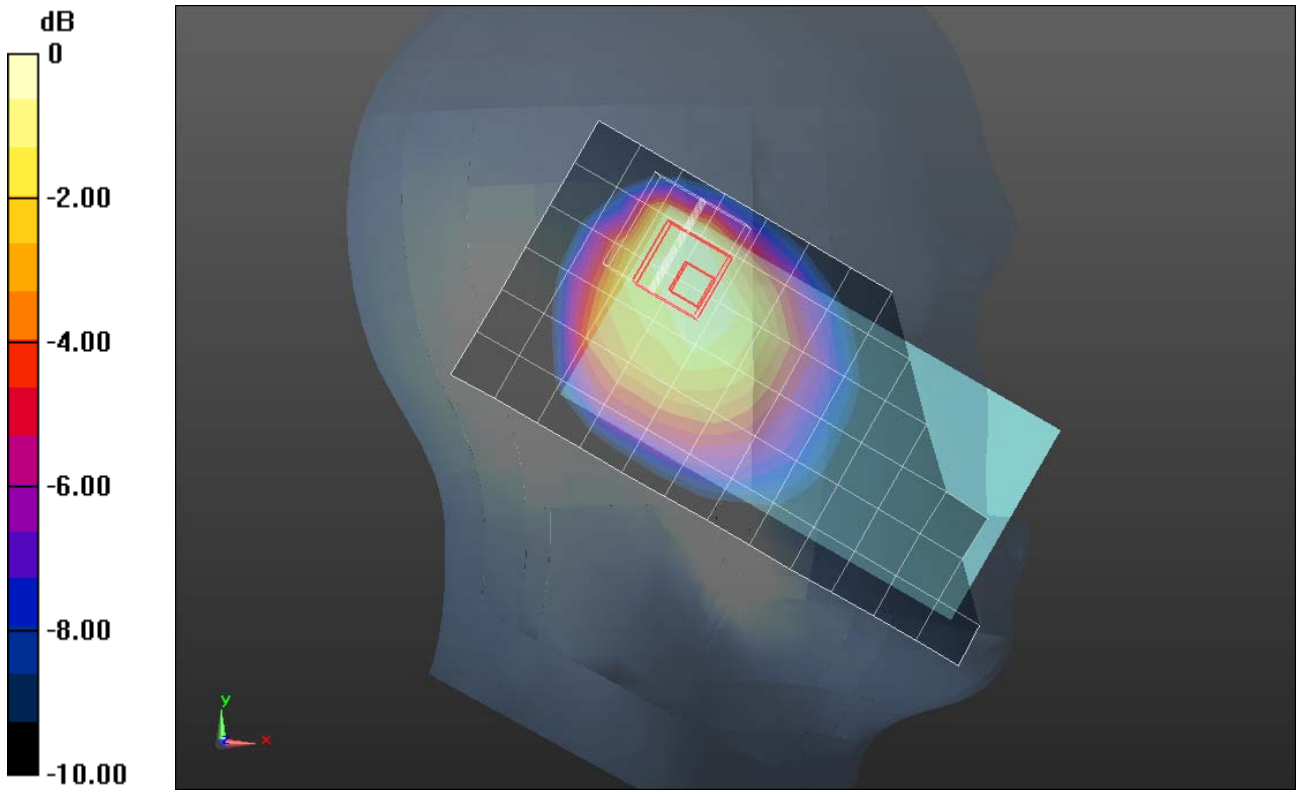
Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.928 S/m; ε_r = 41.734; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- 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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_1xEVDO_Rel. 0_ch 384/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.714 W/kg

LHS/Touch_1xEVDO_Rel. 0_ch 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.477 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.430 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.844 W/kg



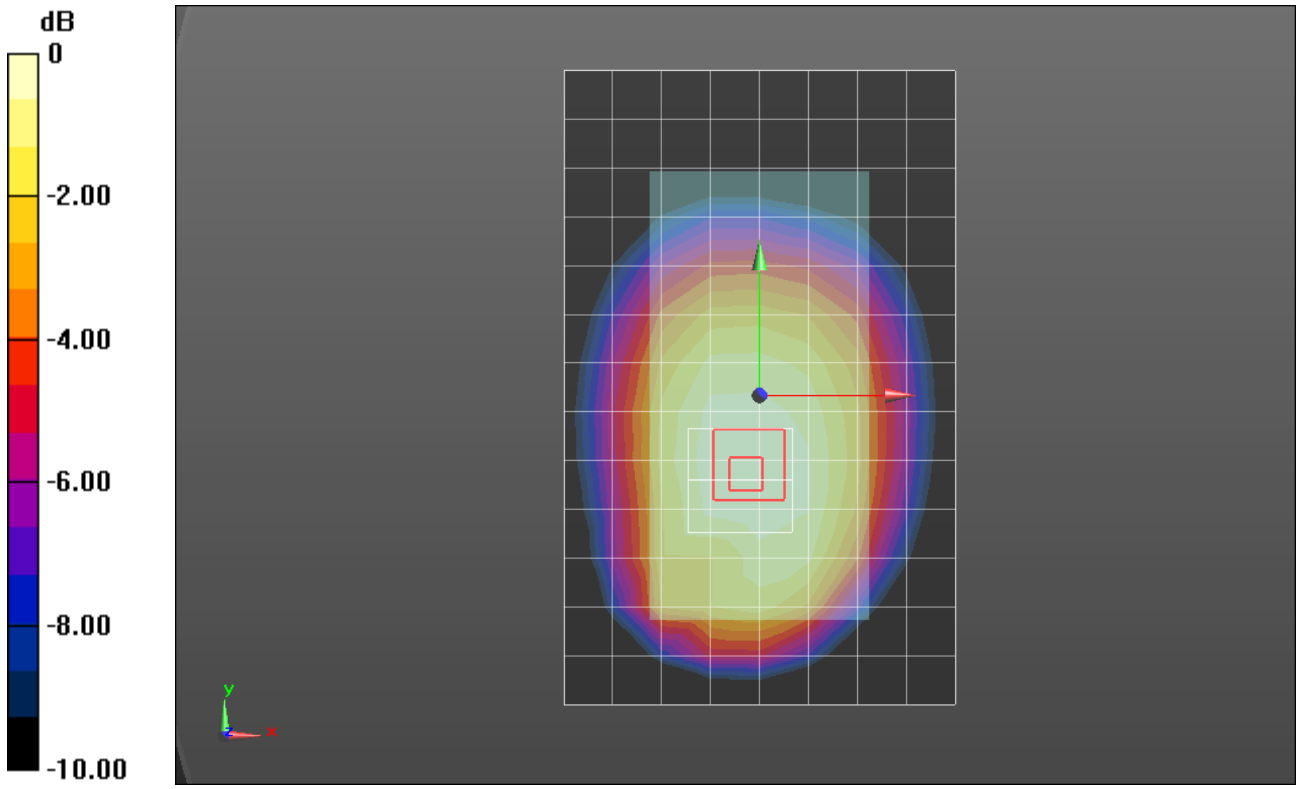
0 dB = 0.844 W/kg = -0.74 dBW/kg

CDMA_BC0_LAT

Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.52 MHz; σ = 1.003 S/m; ε_r = 55.516; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Front/1xRTT_RC3 SO32_ch 384/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.573 W/kg

Front/1xRTT_RC3 SO32_ch 384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.054 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.403 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

CDMA_BC0_LAT

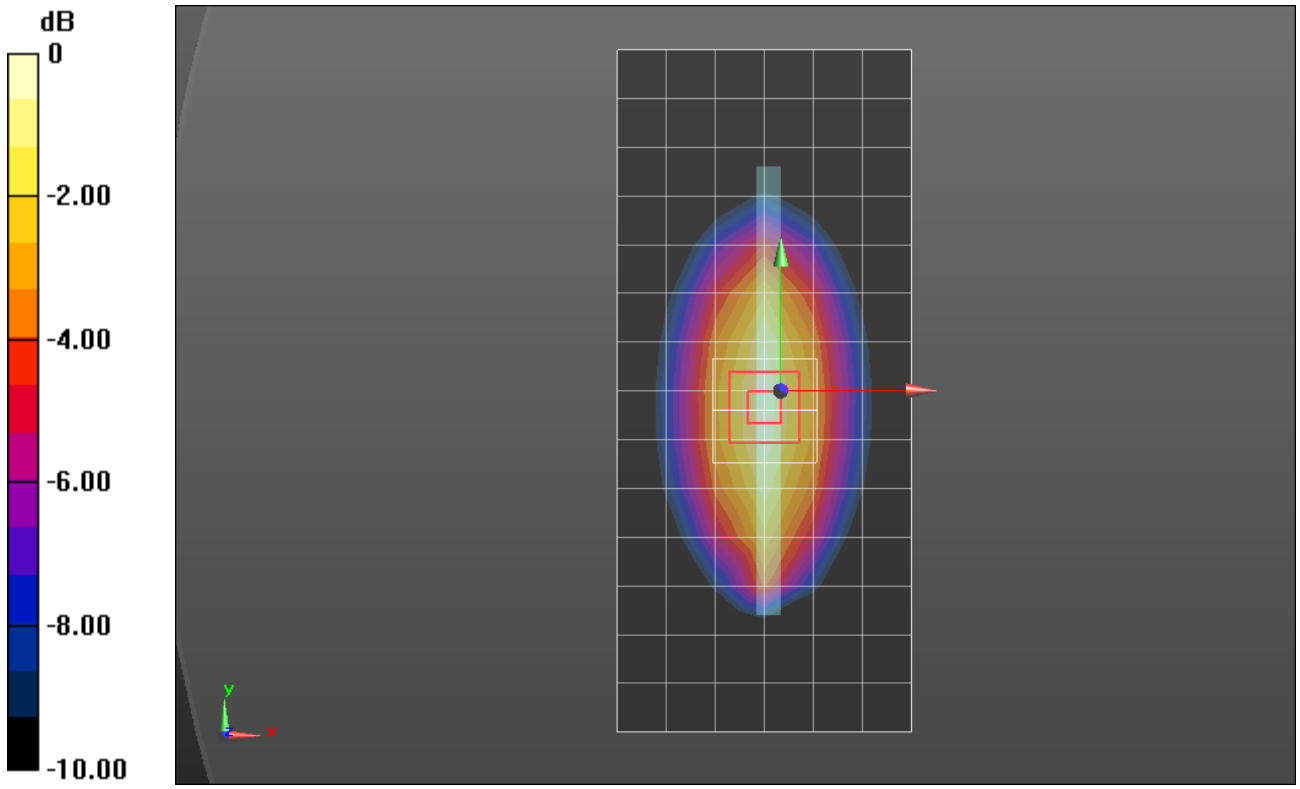
Frequency: 848.31 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.31 MHz; σ = 1.016 S/m; ε_r = 55.438; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/1xRTT_RC3 SO32_ch 777/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Edge 4/1xRTT_RC3 SO32_ch 777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.942 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.571 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg



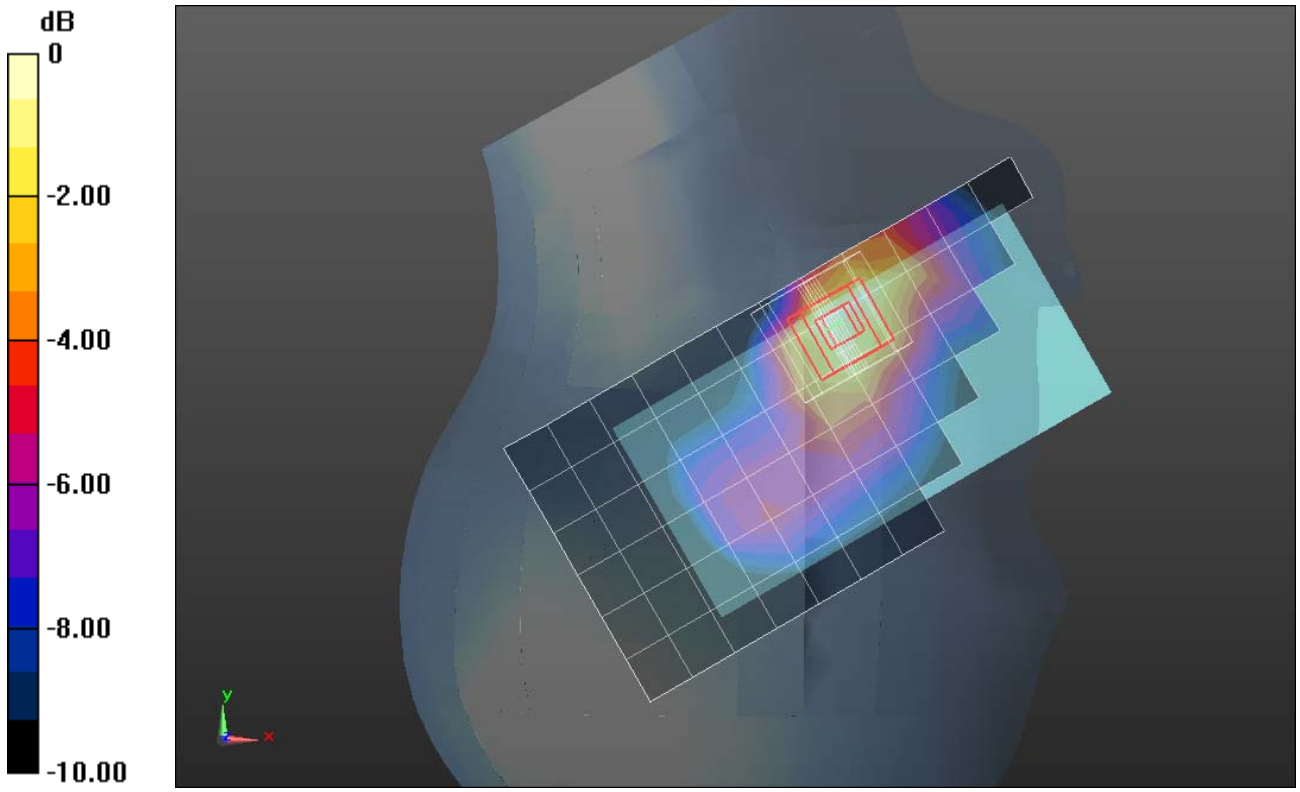
0 dB = 1.08 W/kg = 0.33 dBW/kg

CDMA BC1_LAT

Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.396 S/m; ε_r = 38.674; 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(7.25, 7.25, 7.25); 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

RHS/Touch_1xEVDO Rel. 0_ch 1175/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.38 W/kg

RHS/Touch_1xEVDO Rel. 0_ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.432 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.737 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

CDMA BC1_UAT

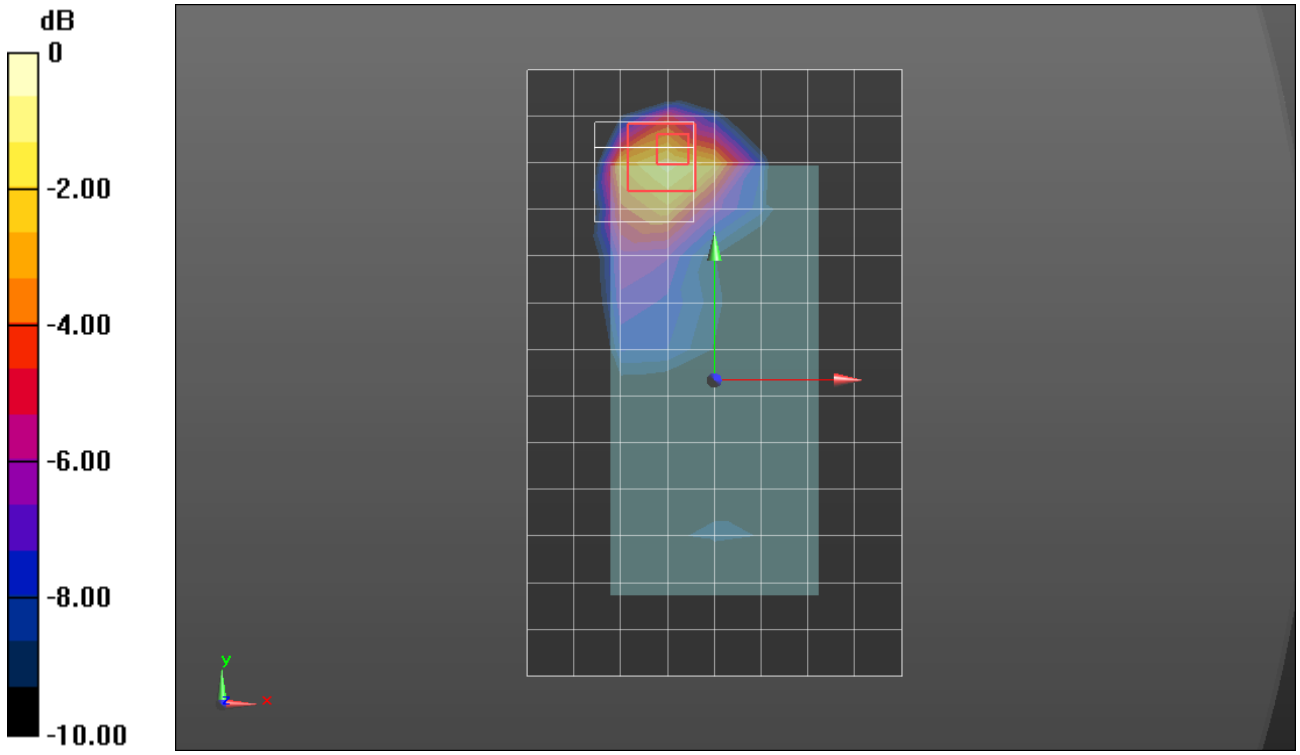
Frequency: 1908.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.552 S/m; ε_r = 50.958; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR 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)
- Phantom: ELI v5.0 B; Type: SM 000 T01 DA; Serial: TP:1247

Front/1xRTT_RC3 SO32_ch 1175/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Front/1xRTT_RC3 SO32_ch 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.515 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.452 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.43 W/kg



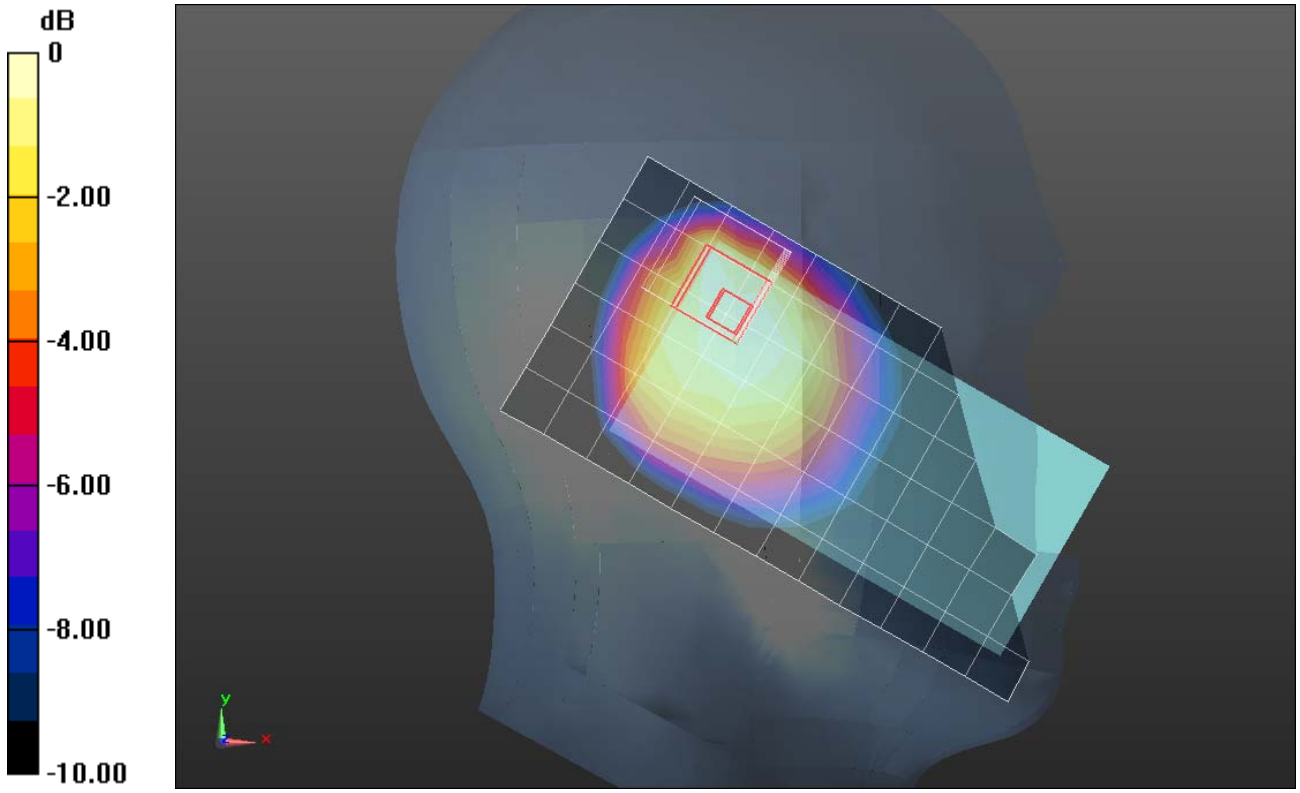
0 dB = 1.43 W/kg = 1.55 dBW/kg

CDMA BC10_UAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.87 S/m; ε_r = 41.464; 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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

LHS/Touch_1xRTT_RC3 SO55_ch 580/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.749 W/kg

LHS/Touch_1xRTT_RC3 SO55_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.909 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 0.751 W/kg



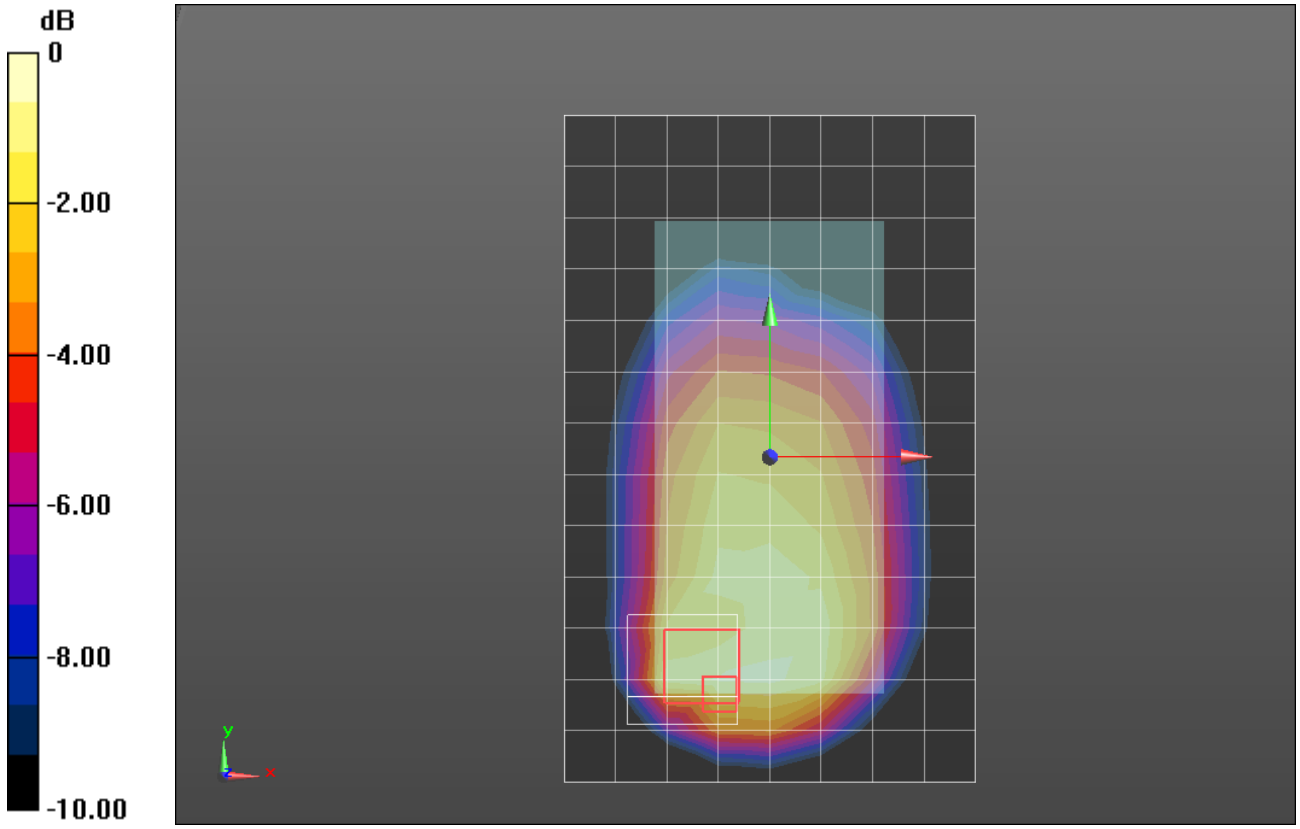
0 dB = 0.751 W/kg = -1.24 dBW/kg

CDMA BC10_LAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.988 S/m; ε_r = 55.177; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Front/1xRTT_RC3 SO32_ch 580/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.772 W/kg

Front/1xRTT_RC3 SO32_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.333 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.363 W/kg
Maximum value of SAR (measured) = 0.858 W/kg



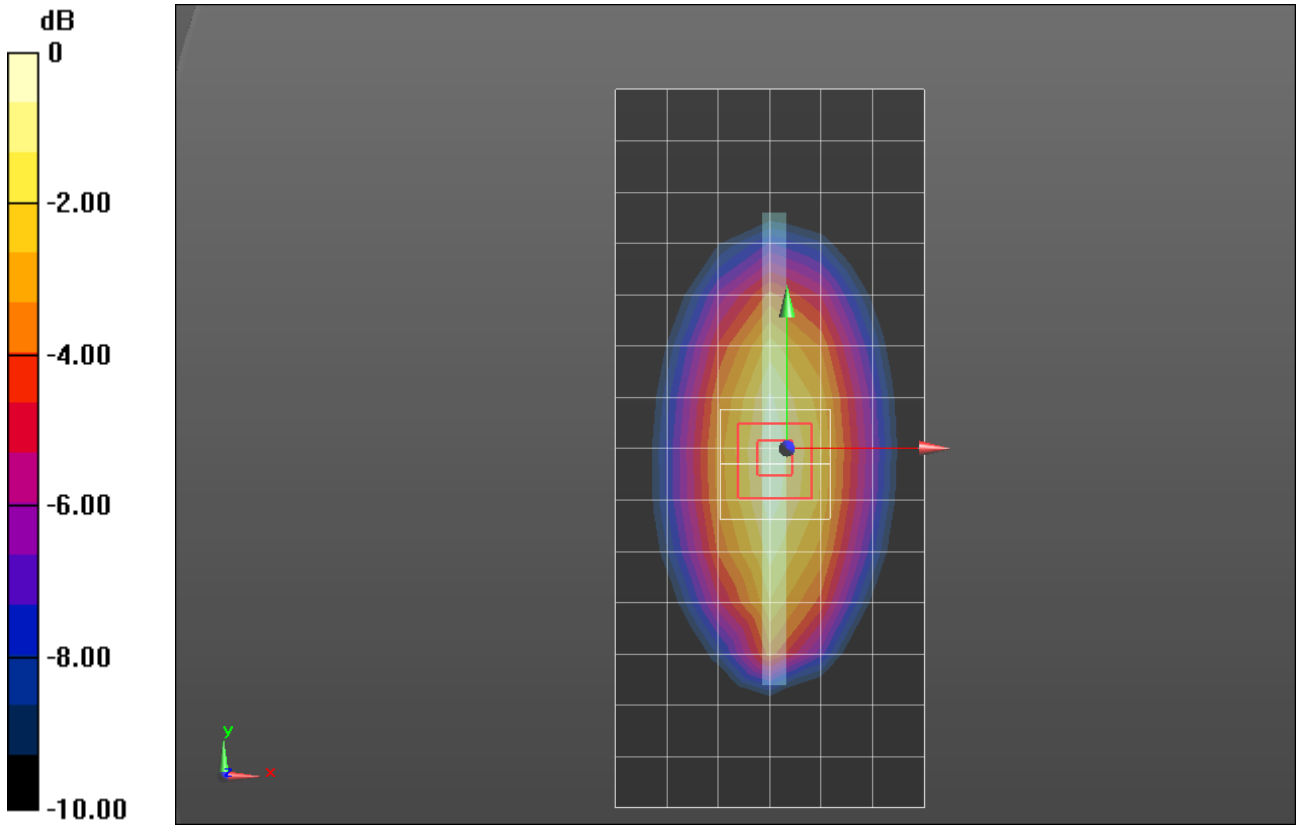
0 dB = 0.858 W/kg = -0.67 dBW/kg

CDMA BC10_LAT

Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.988 S/m; ε_r = 55.177; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/1xRTT_RC3 SO32_ch 580/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.781 W/kg

Edge 4/1xRTT_RC3 SO32_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.402 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.437 W/kg
Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

CDMA BC15_LAT

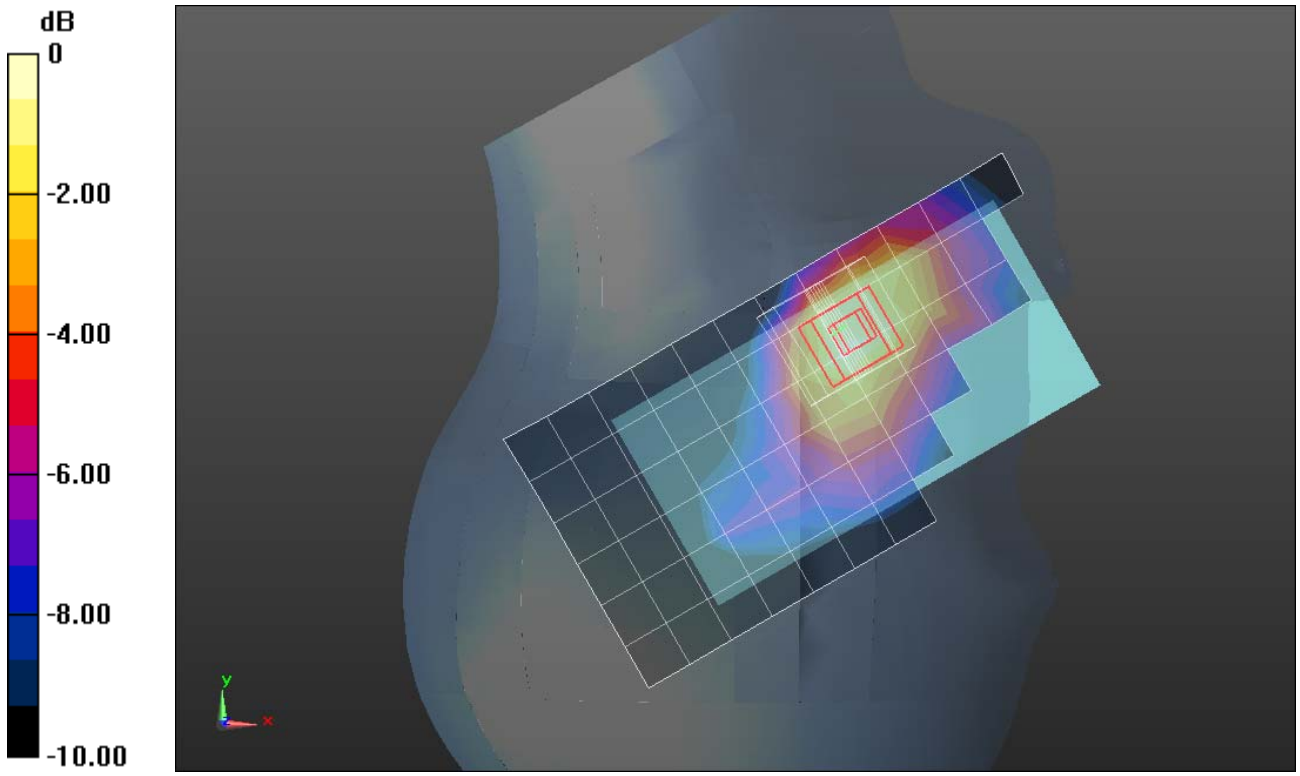
Frequency: 1753.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1753.75 MHz; σ = 1.346 S/m; ε_r = 41.434; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.58, 8.58, 8.58); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

RHS/Touch_1xEVDO_Rel. 0_ch 875/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.988 W/kg

RHS/Touch_1xEVDO_Rel. 0_ch 875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.083 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.569 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

CDMA BC15_UAT

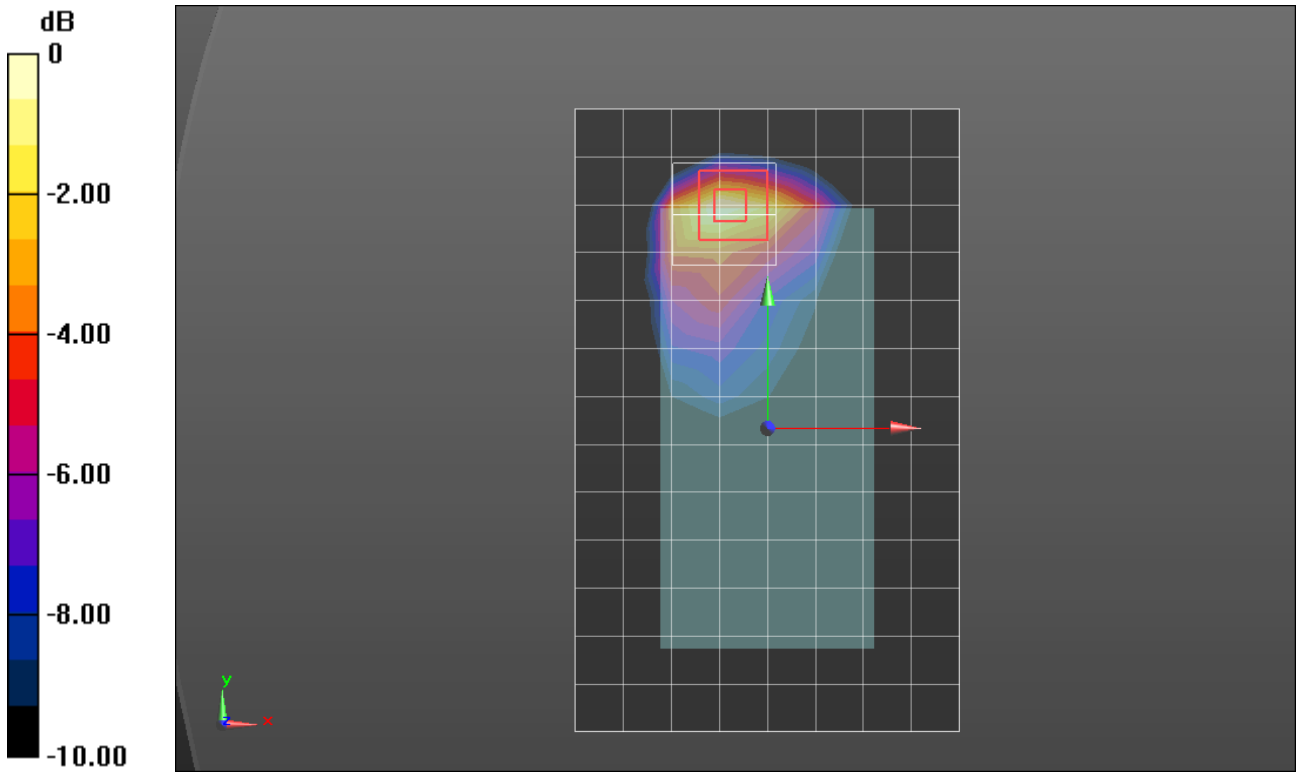
Frequency: 1711.25 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1711.25 MHz; σ = 1.466 S/m; ε_r = 52.057; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); 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 A; Type: QDOVA002AA; Serial: 1258

Front/1xRTT_RC3 SO32_ch 25/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.47 W/kg

Front/1xRTT_RC3 SO32_ch 25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.689 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.479 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

CDMA BC15_LAT

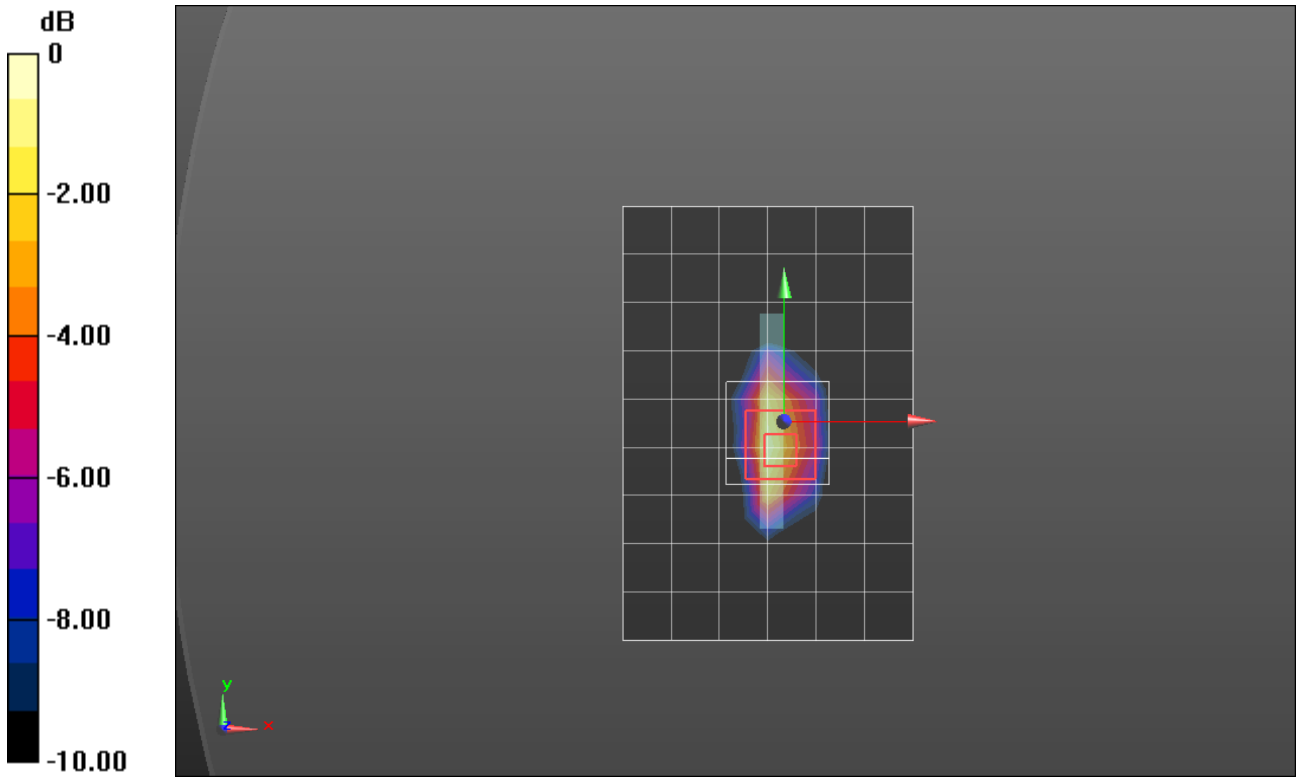
Frequency: 1753.75 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1753.75 MHz; σ = 1.496 S/m; ε_r = 51.991; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); 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 A; Type: QDOVA002AA; Serial: 1258

Edge 3/1xRTT_RC3 SO32_ch 875/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Edge 3/1xRTT_RC3 SO32_ch 875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.646 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.491 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.41 W/kg



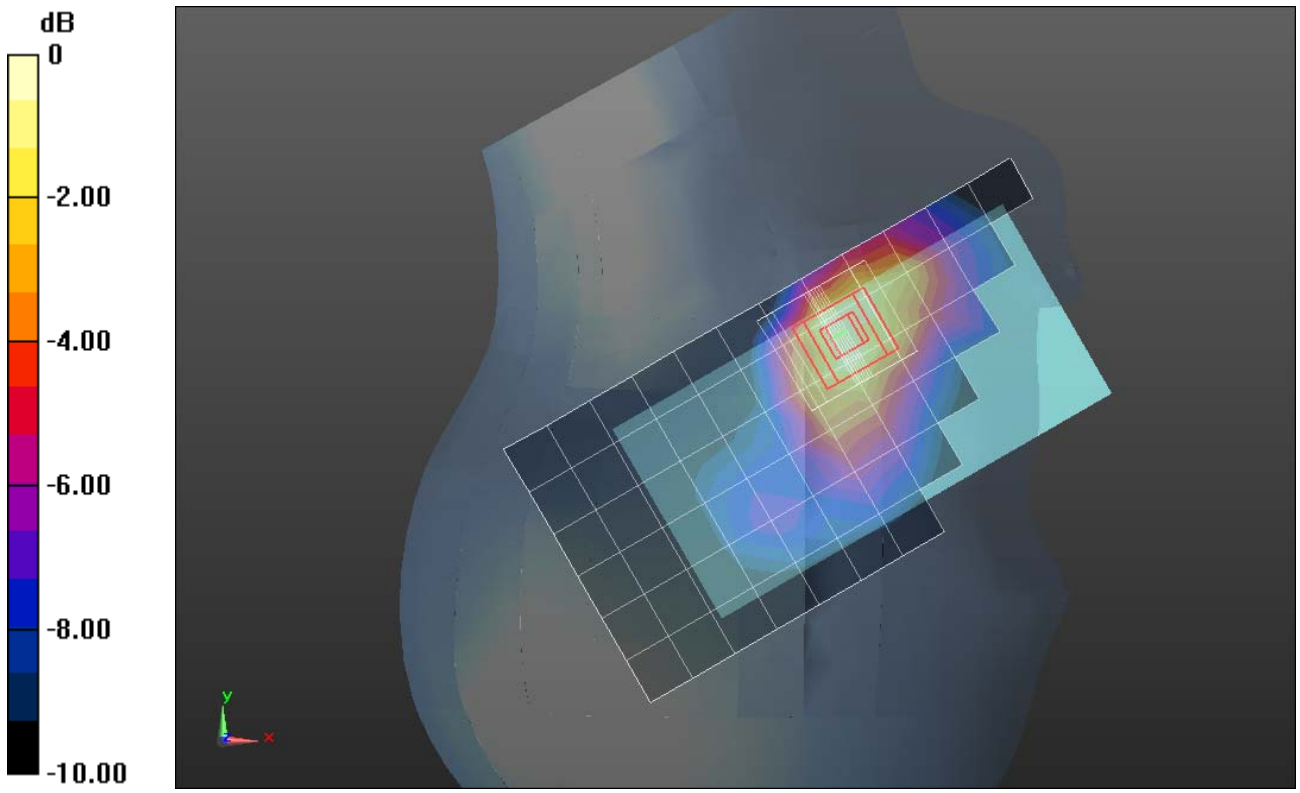
0 dB = 1.41 W/kg = 1.49 dBW/kg

LTE Band 2_LAT

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 = 1.368 S/m; ε_r = 38.754; 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(7.25, 7.25, 7.25); Calibrated: 11/21/2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

RHS/Touch_QPSK_RB 1/49_ch 18900/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 W/kg

RHS/Touch_QPSK_RB 1/49_ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.088 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



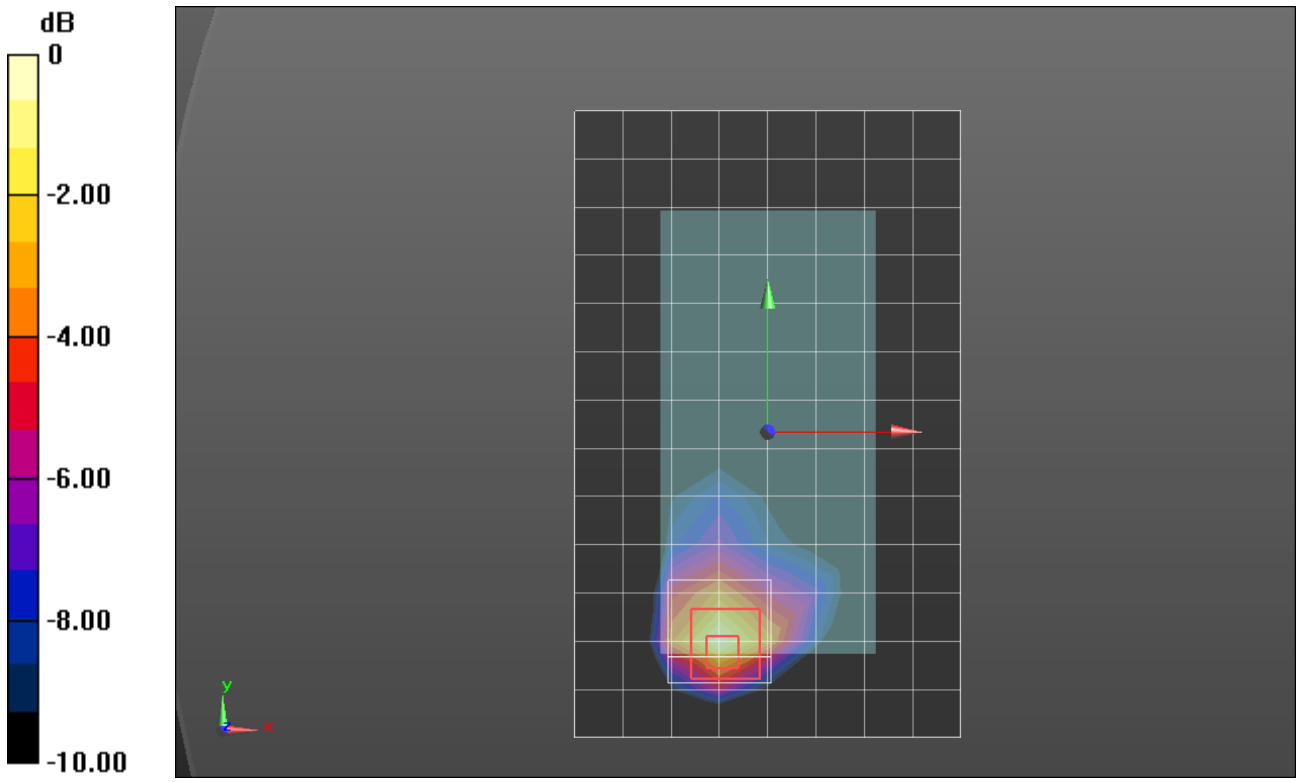
0 dB = 1.21 W/kg = 0.83 dBW/kg

LTE Band 2_LAT

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 = 1.508 S/m; ε_r = 52.509; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(7.88, 7.88, 7.88); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

Rear/QPSK_RB 1/49_ch 19100/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.57 W/kg

Rear/QPSK_RB 1/49_ch 19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.503 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.540 W/kg
Maximum value of SAR (measured) = 1.63 W/kg



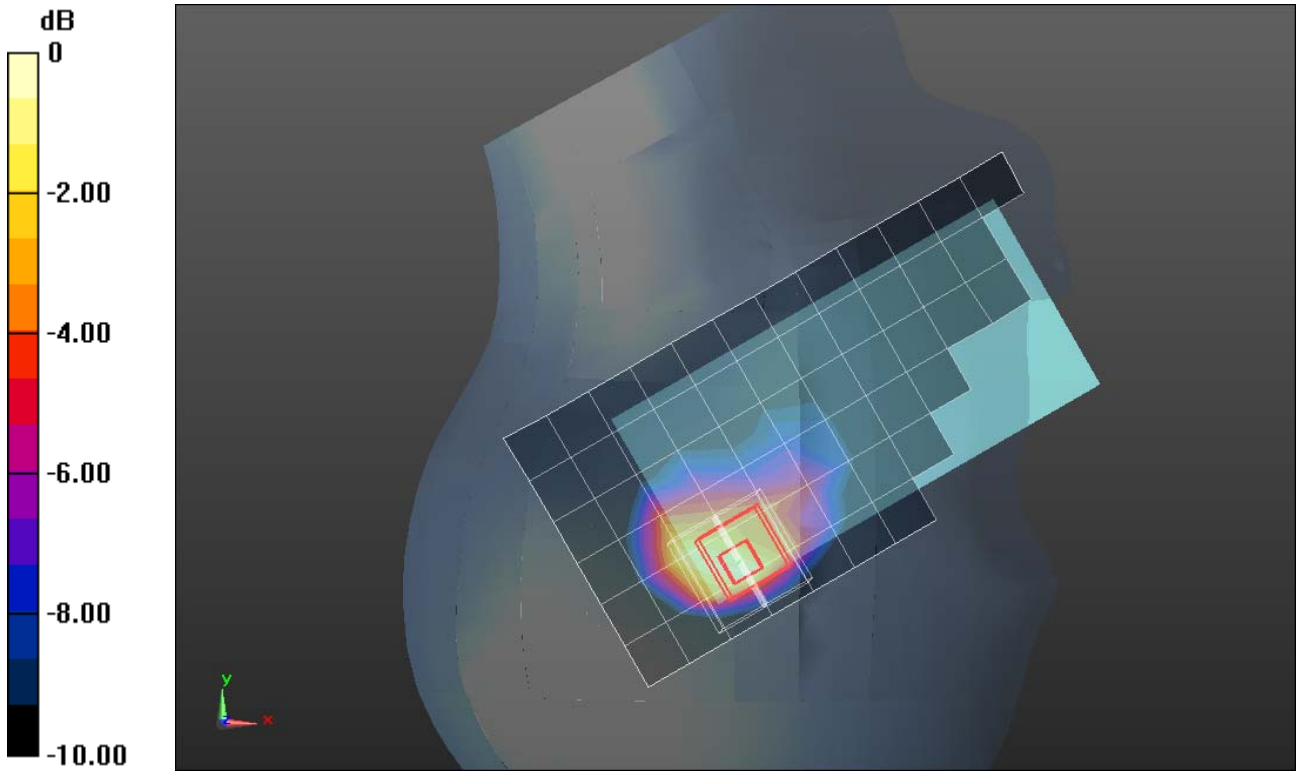
0 dB = 1.63 W/kg = 2.12 dBW/kg

LTE Band 4 UAT

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1720 MHz; σ = 1.315 S/m; ε_r = 41.607; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.58, 8.58, 8.58); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

RHS/RHS/Touch_QPSK_RB 1/49_Ch 20050/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.23 W/kg

RHS/RHS/Touch_QPSK_RB 1/49_Ch 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.571 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



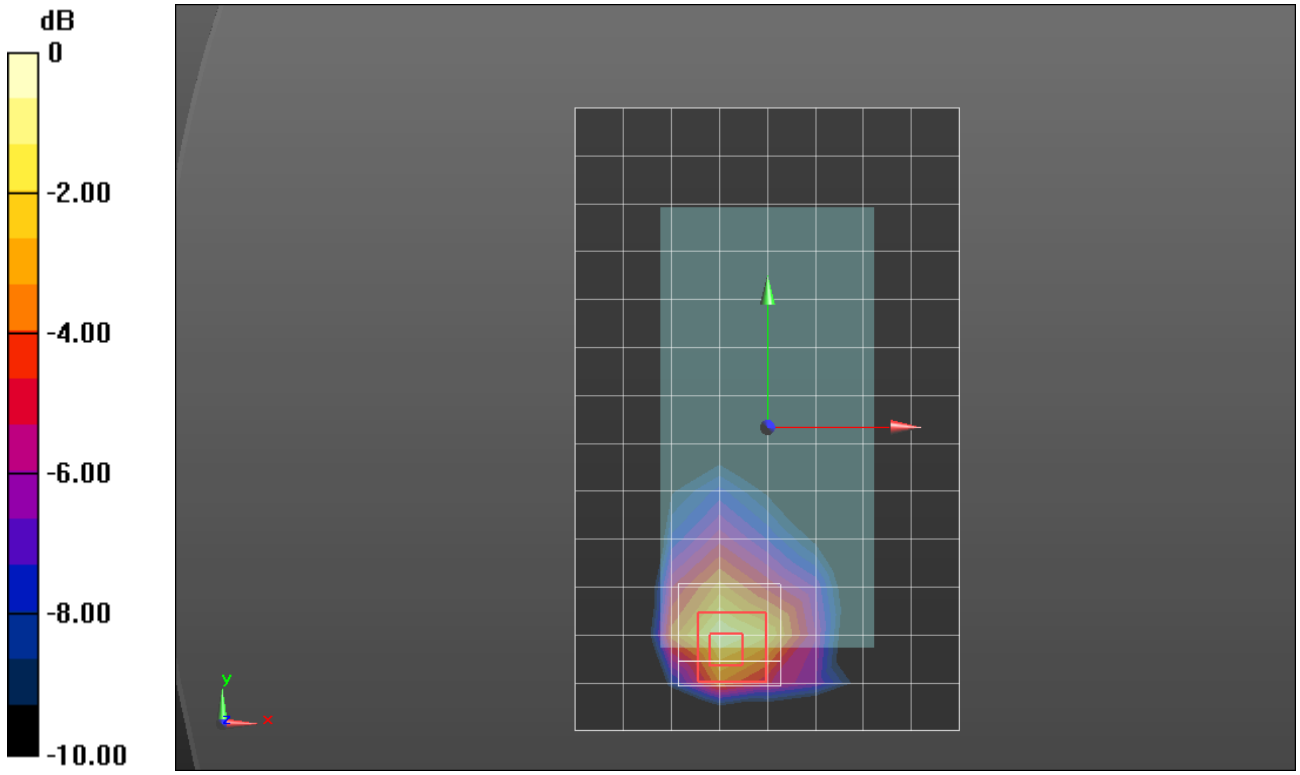
0 dB = 1.36 W/kg = 1.34 dBW/kg

LTE Band 4 LAT

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.489 S/m; ε_r = 52.026; 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 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(8.26, 8.26, 8.26); 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 A; Type: QDOVA002AA; Serial: 1258

Rear/QPSK_RB 1/49_Ch 20300/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.25 W/kg

Rear/QPSK_RB 1/49_Ch 20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.238 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.532 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



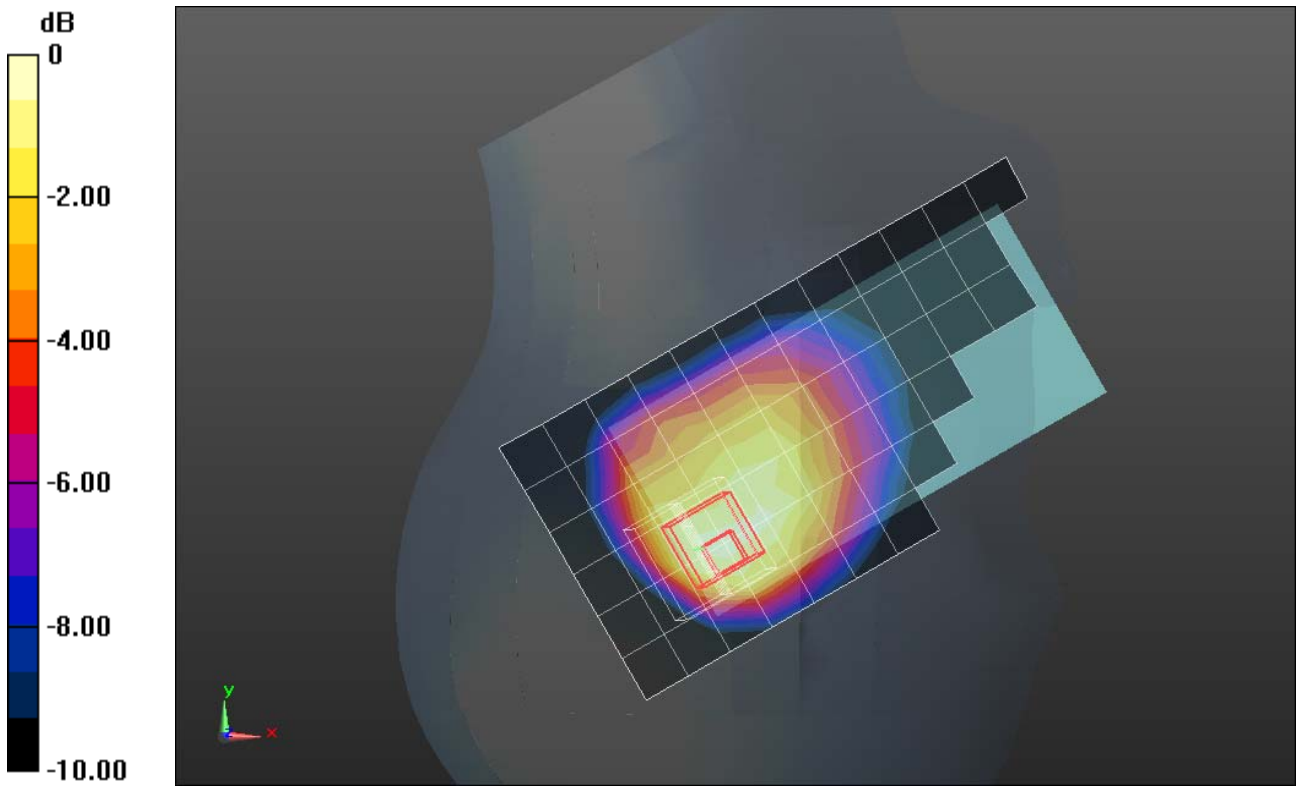
0 dB = 1.40 W/kg = 1.46 dBW/kg

LTE Band 5_UAT

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 = 0.923 S/m; ε_r = 42.384; 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_QPSK_RB 1/24_ch 20525/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.730 W/kg

RHS/Touch_QPSK_RB 1/24_ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.081 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 0.760 W/kg



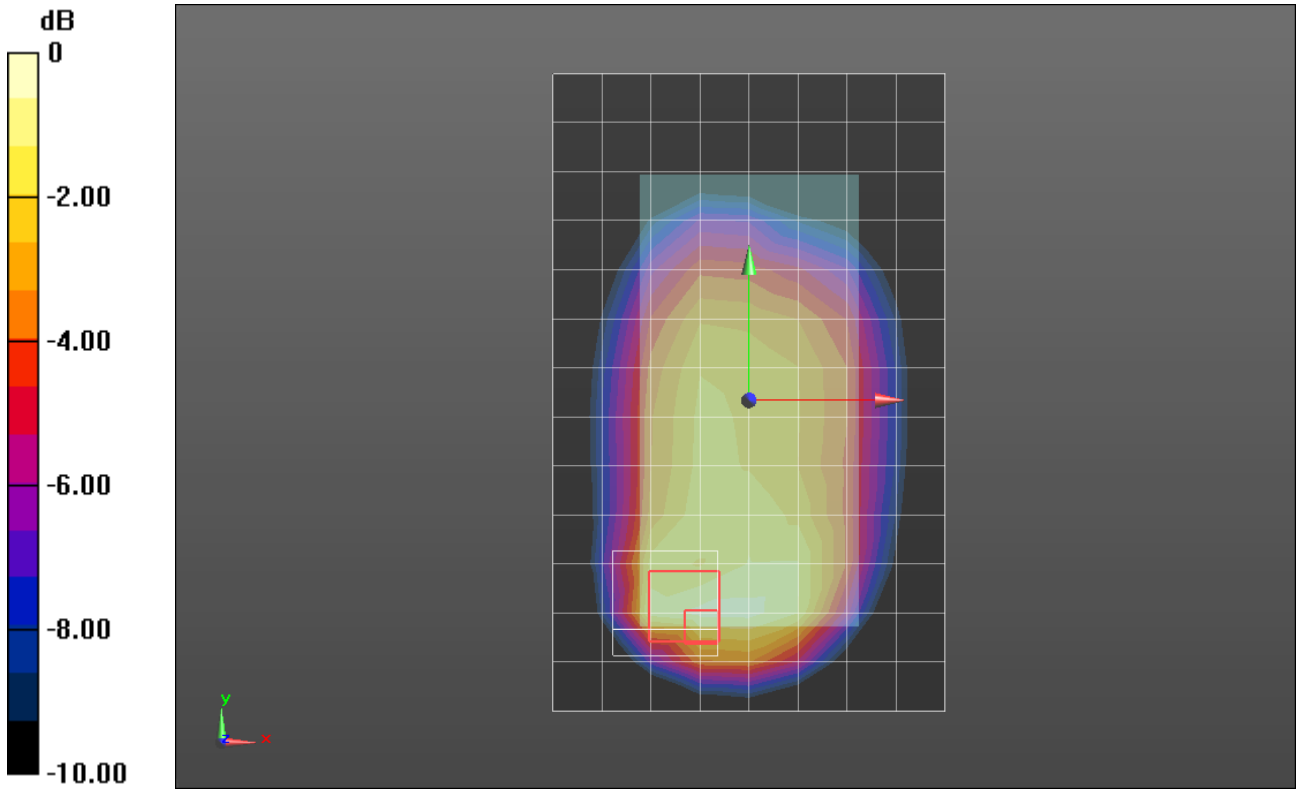
0 dB = 0.760 W/kg = -1.19 dBW/kg

LTE Band 5_LAT

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 = 1.003 S/m; ε_r = 55.516; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Front/QPSK_RB 1/24_ch 20525/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.554 W/kg

Front/QPSK_RB 1/24_ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.796 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 0.603 W/kg



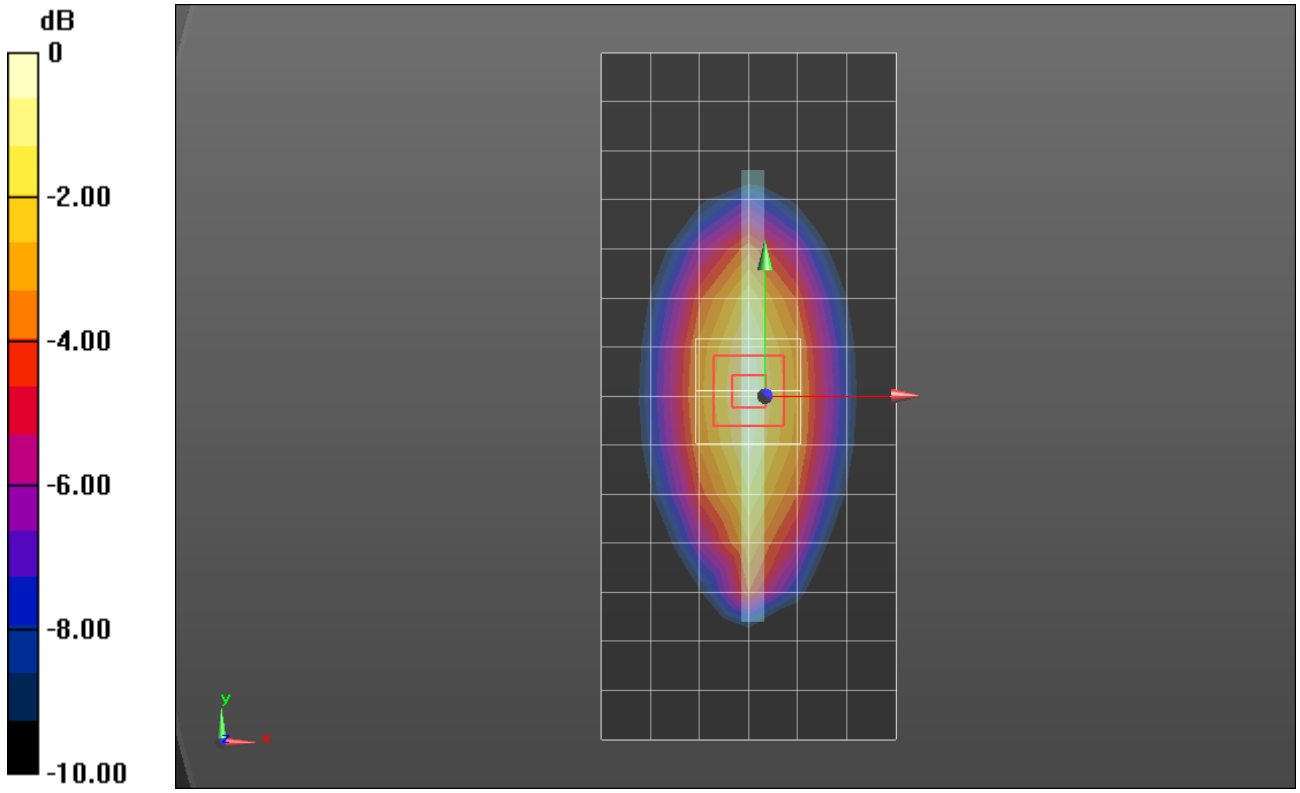
0 dB = 0.603 W/kg = -2.20 dBW/kg

LTE Band 5_LAT

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 = 1.003 S/m; ε_r = 55.516; 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/QPSK_RB 1/24_ch 20525/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.785 W/kg

Edge 4/QPSK_RB 1/24_ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.361 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



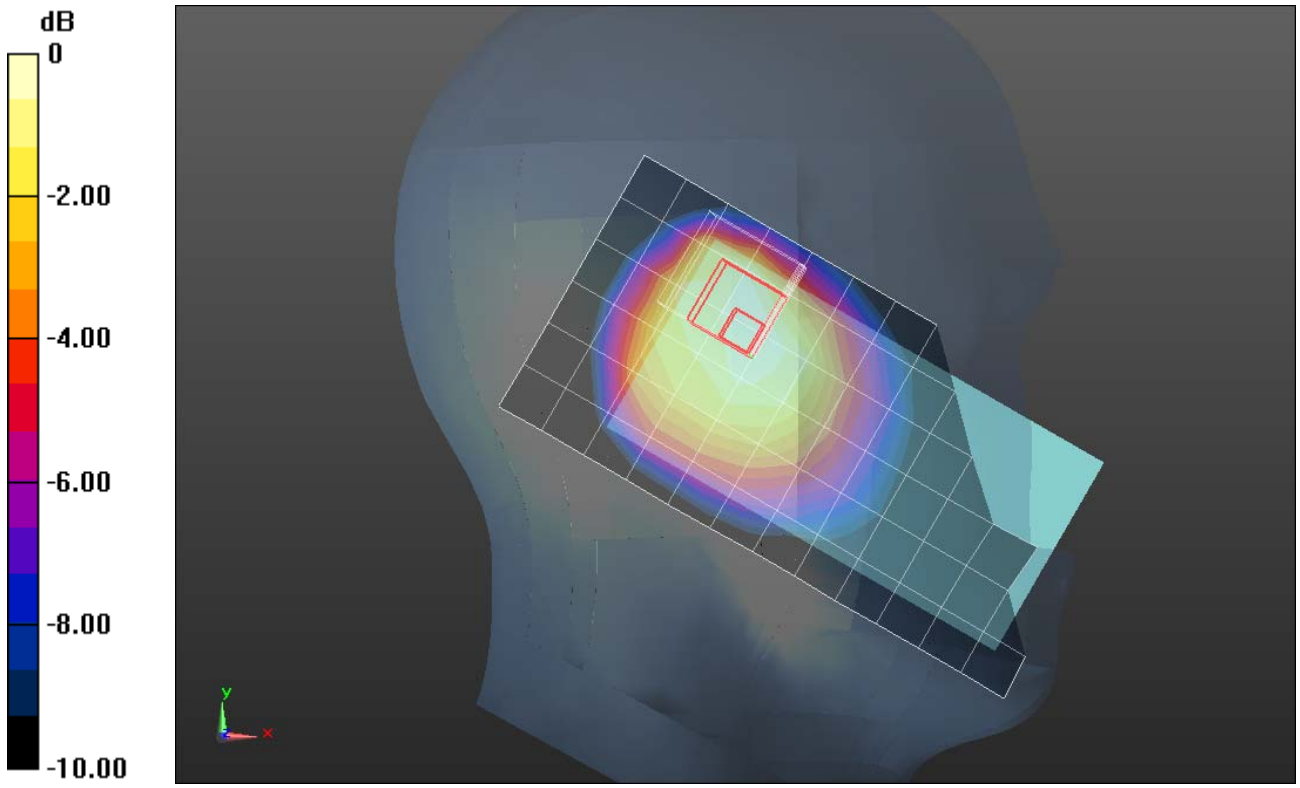
0 dB = 0.790 W/kg = -1.02 dBW/kg

LTE Band 13_UAT

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.933 S/m; ε_r = 40.101; 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 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(9.2, 9.2, 9.2); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

LHS/Touch_QPSK_RB 1/24_ch 23230/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.618 W/kg

LHS/Touch_QPSK_RB 1/24_ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.671 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.356 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg = -2.01 dBW/kg

LTE Band 13_LAT

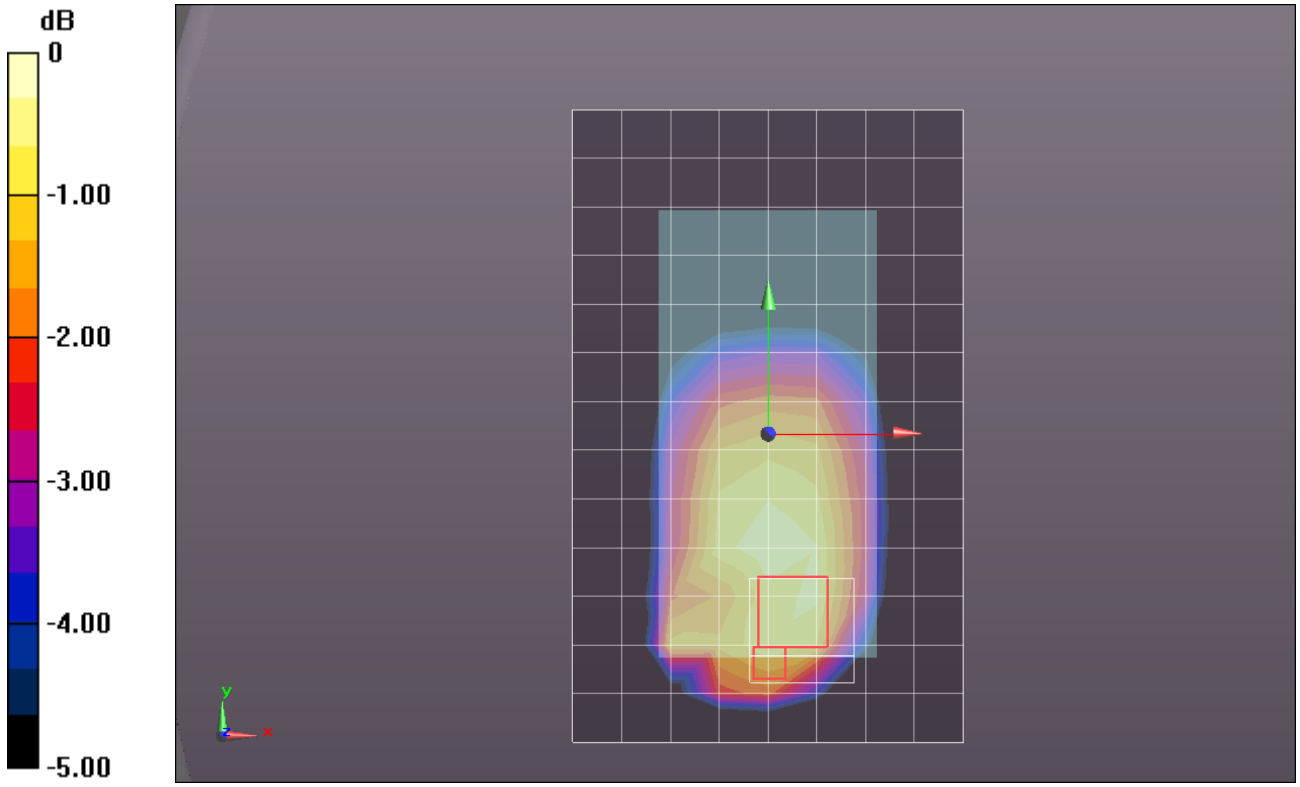
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 1 S/m; ε_r = 55.065; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(8.68, 8.68, 8.68); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

Front/QPSK_RB 1/24_ch 23230/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.627 W/kg

Front/QPSK_RB 1/24_ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.255 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.338 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg

LTE Band 13_LAT

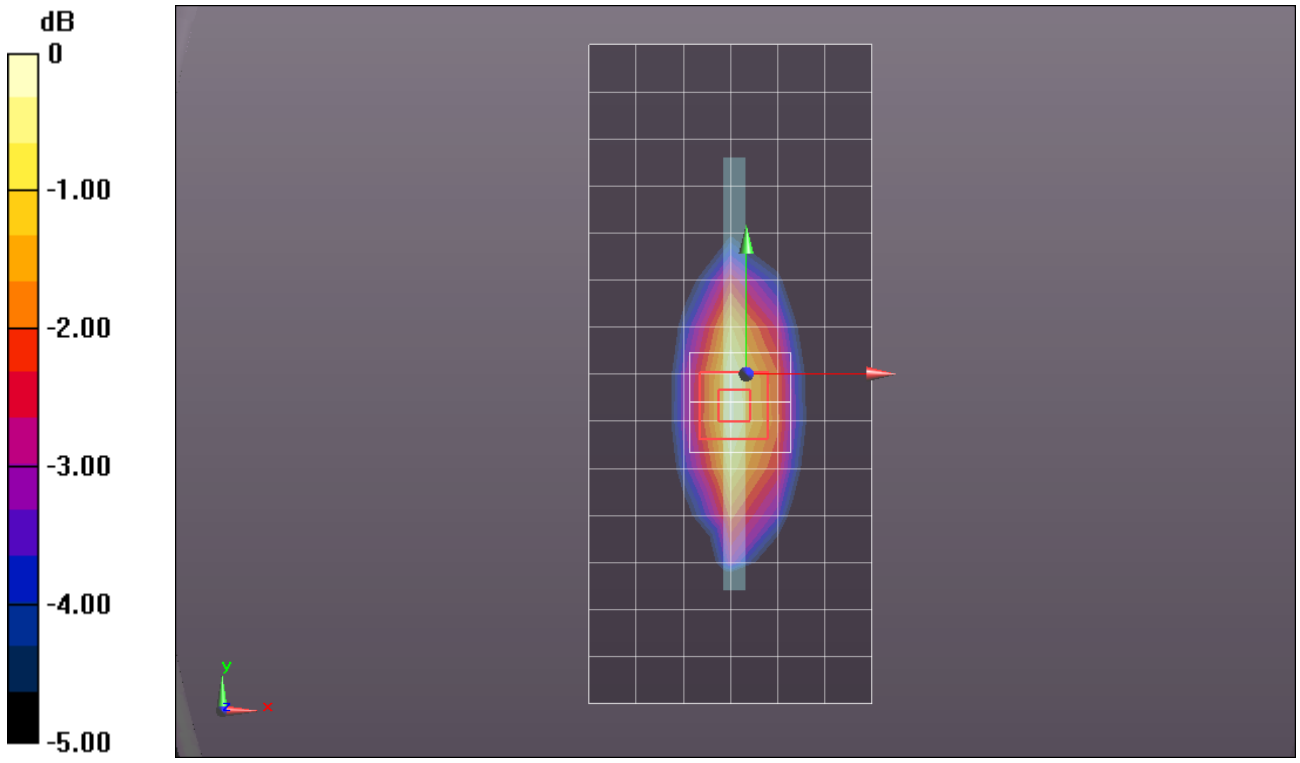
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 1 S/m; ε_r = 55.065; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(8.68, 8.68, 8.68); Calibrated: 2/26/2014;
- 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: 1120

Edge 4/QPSK_RB 1/24_ch 23230/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.813 W/kg

Edge 4/QPSK_RB 1/24_ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.948 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.459 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.851 W/kg



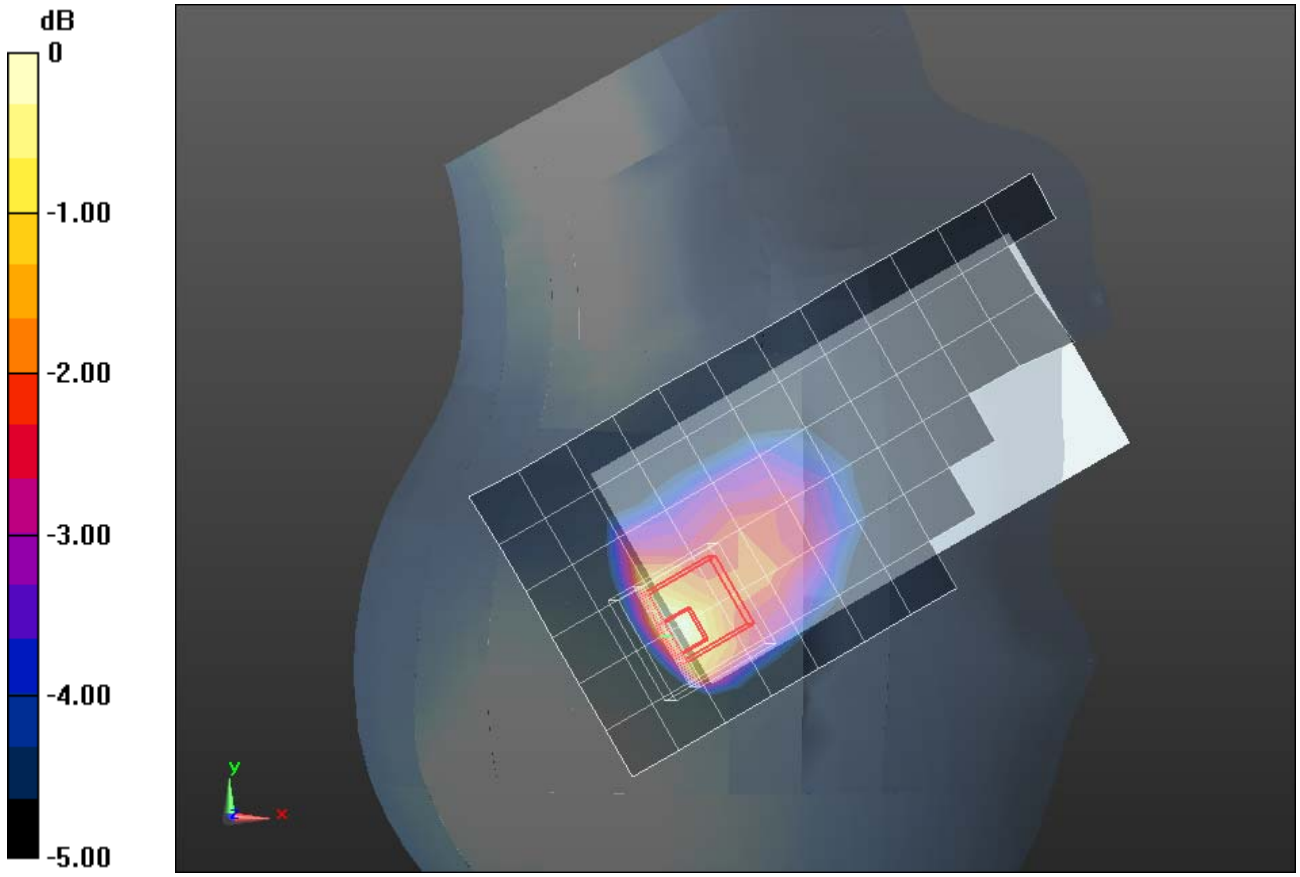
0 dB = 0.851 W/kg = -0.70 dBW/kg

LTE Band 17_UAT

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 = 0.928 S/m; ε_r = 54.389; 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 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(8.68, 8.68, 8.68); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (A); Type: QD000P40CD; Serial: 1602

RHS/Tilt_QPSK_RB 1/24_ch 23790/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.644 W/kg

RHS/Tilt_QPSK_RB 1/24_ch 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.792 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.587 W/kg



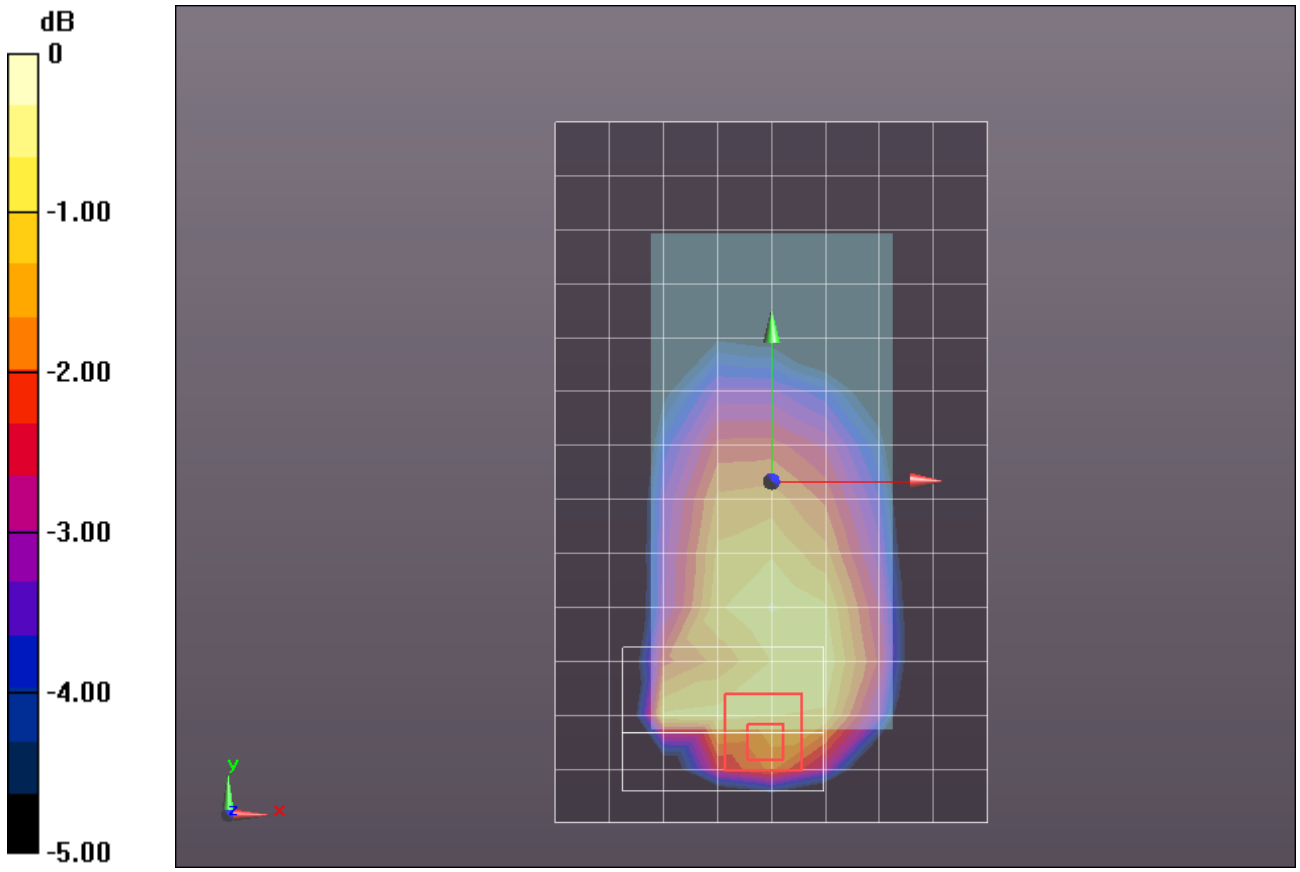
0 dB = 0.587 W/kg = -2.31 dBW/kg

LTE Band 17_LAT

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 = 0.928 S/m; ε_r = 54.389; 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 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(8.68, 8.68, 8.68); Calibrated: 2/26/2014;
- 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: 1120

Front/QPSK_RB 1/24_ch 23790/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.414 W/kg

Front/QPSK_RB 1/24_ch 23790/Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.124 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.477 W/kg



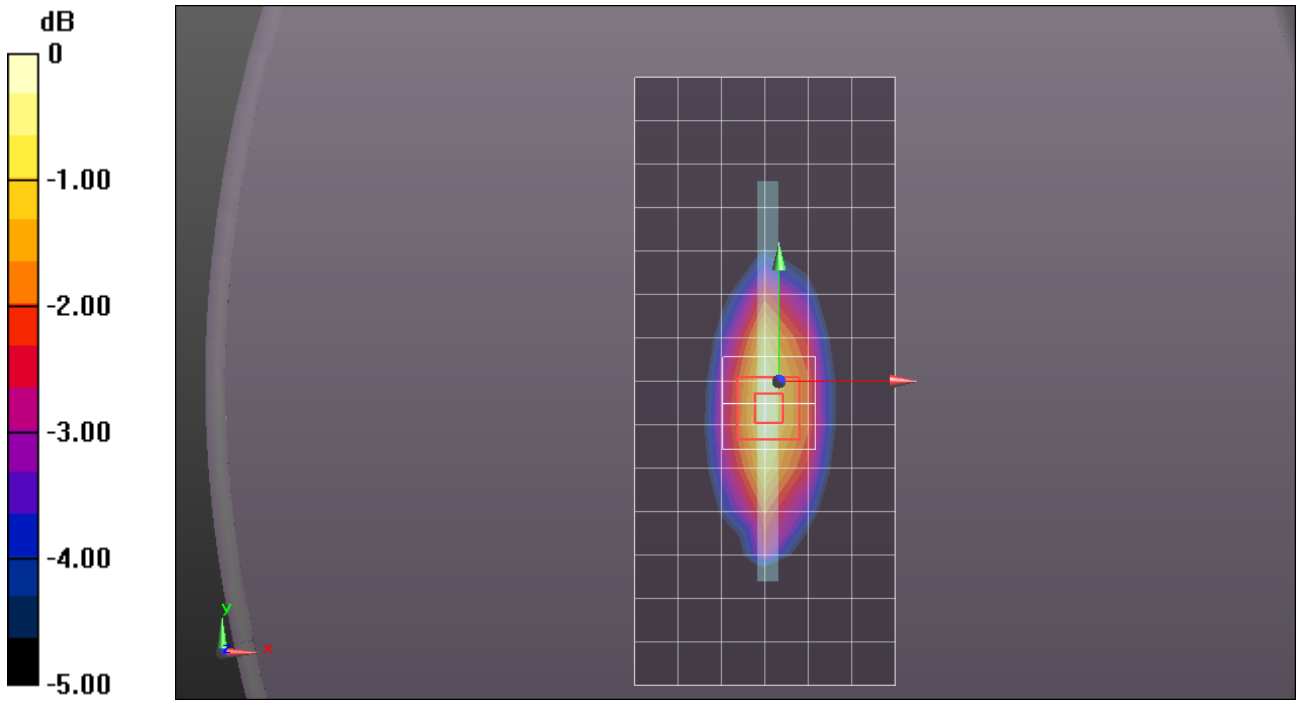
0 dB = 0.477 W/kg = -3.21 dBW/kg

LTE Band 17_LAT

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 = 0.928 S/m; ε_r = 54.389; 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 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(8.68, 8.68, 8.68); Calibrated: 2/26/2014;
- 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: 1120

Edge 4/QPSK_RB 1/24_ch 23790/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.599 W/kg

Edge 4/QPSK_RB 1/24_ch 23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.088 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



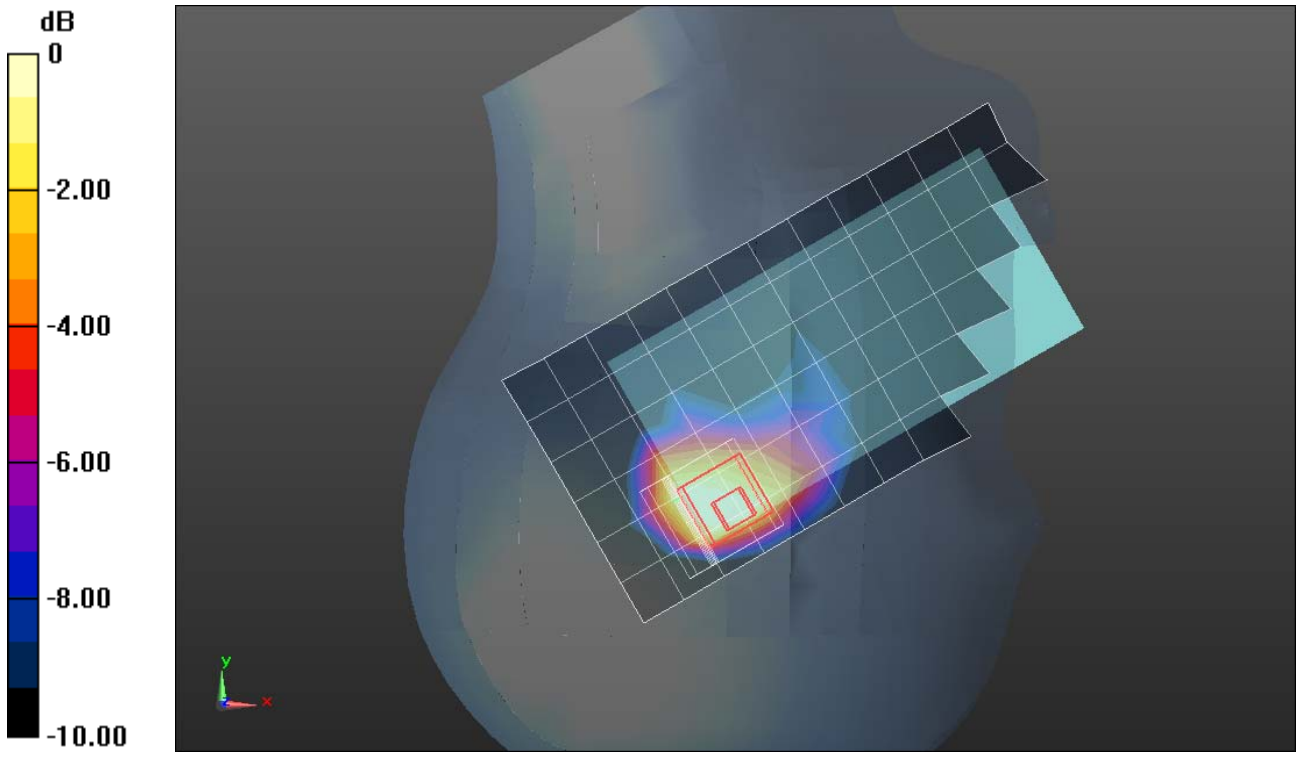
0 dB = 0.626 W/kg = -2.03 dBW/kg

LTE Band 25_UAT

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 = 1.408 S/m; ε_r = 39.537; 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(7.52, 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_QPSK_RB 1/49_ch 26590/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 W/kg

RHS/Touch_QPSK_RB 1/49_ch 26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.213 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.491 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

LTE Band 25_LAT

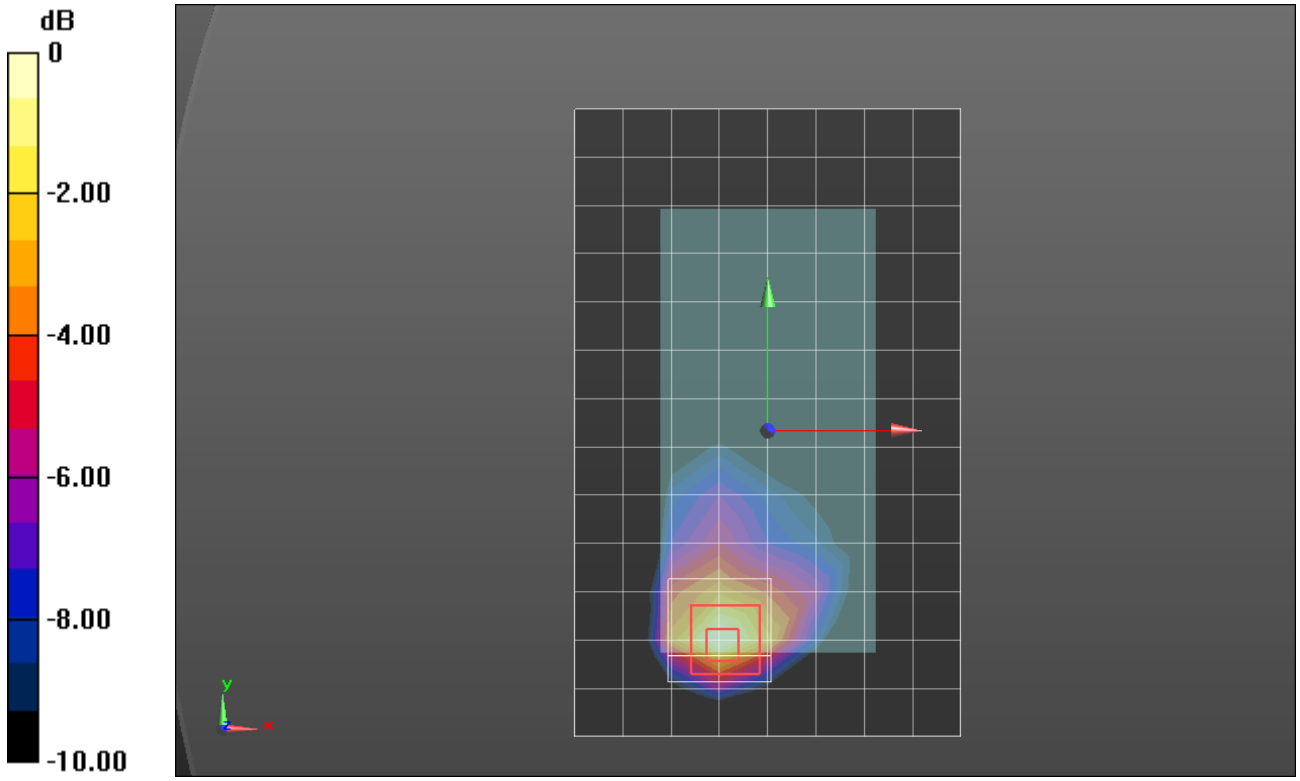
Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.496 S/m; ε_r = 52.55; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3990; ConvF(7.88, 7.88, 7.88); Calibrated: 4/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

Rear/QPSK_RB 1/49_ch 26365/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.57 W/kg

Rear/QPSK_RB 1/49_ch 26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.854 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.511 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.38 W/kg



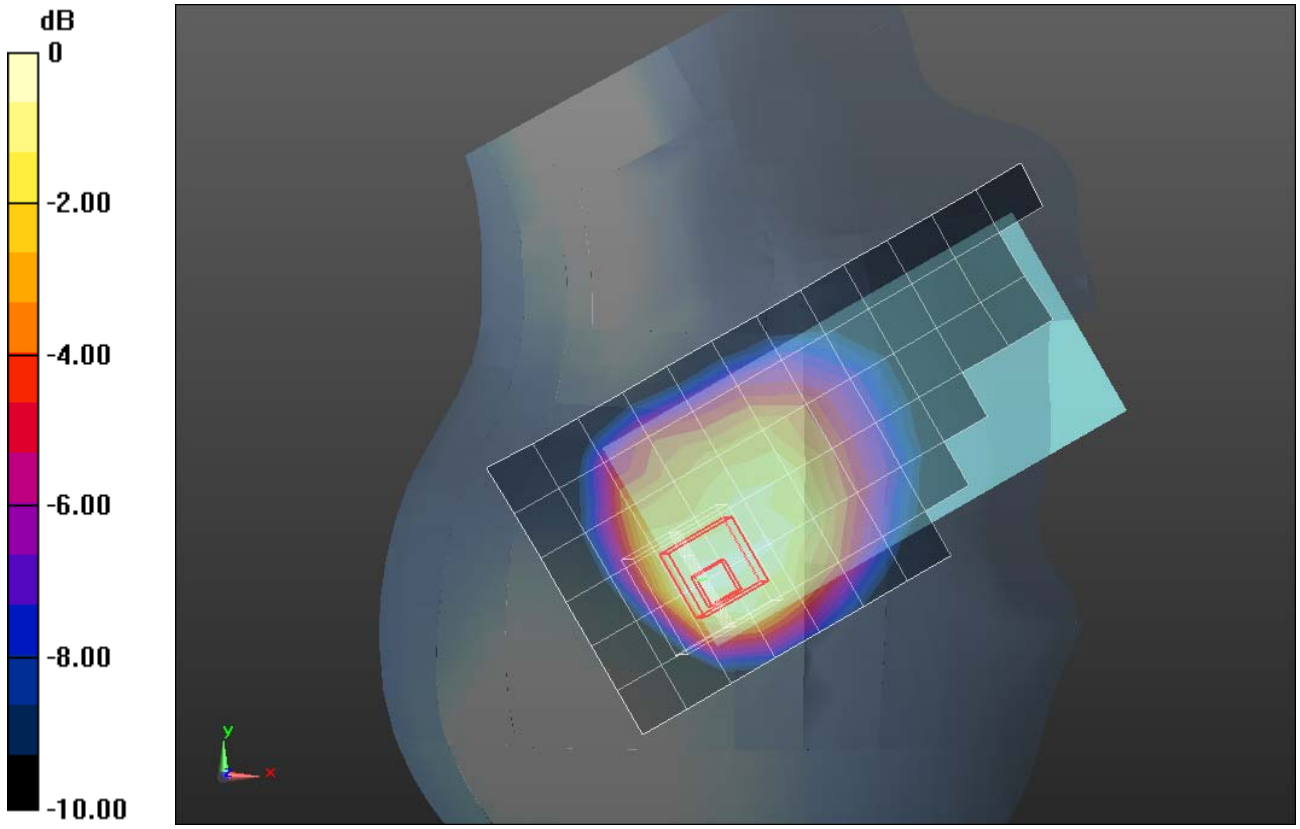
0 dB = 1.38 W/kg = 1.40 dBW/kg

LTE Band 26_UAT

Frequency: 819 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 819 MHz; σ = 0.877 S/m; ε_r = 40.977; 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 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_QPSK_RB 1/24_ch 26740/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.539 W/kg

RHS/Touch_QPSK_RB 1/24_ch 26740/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.823 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.295 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

LTE Band 26_LAT

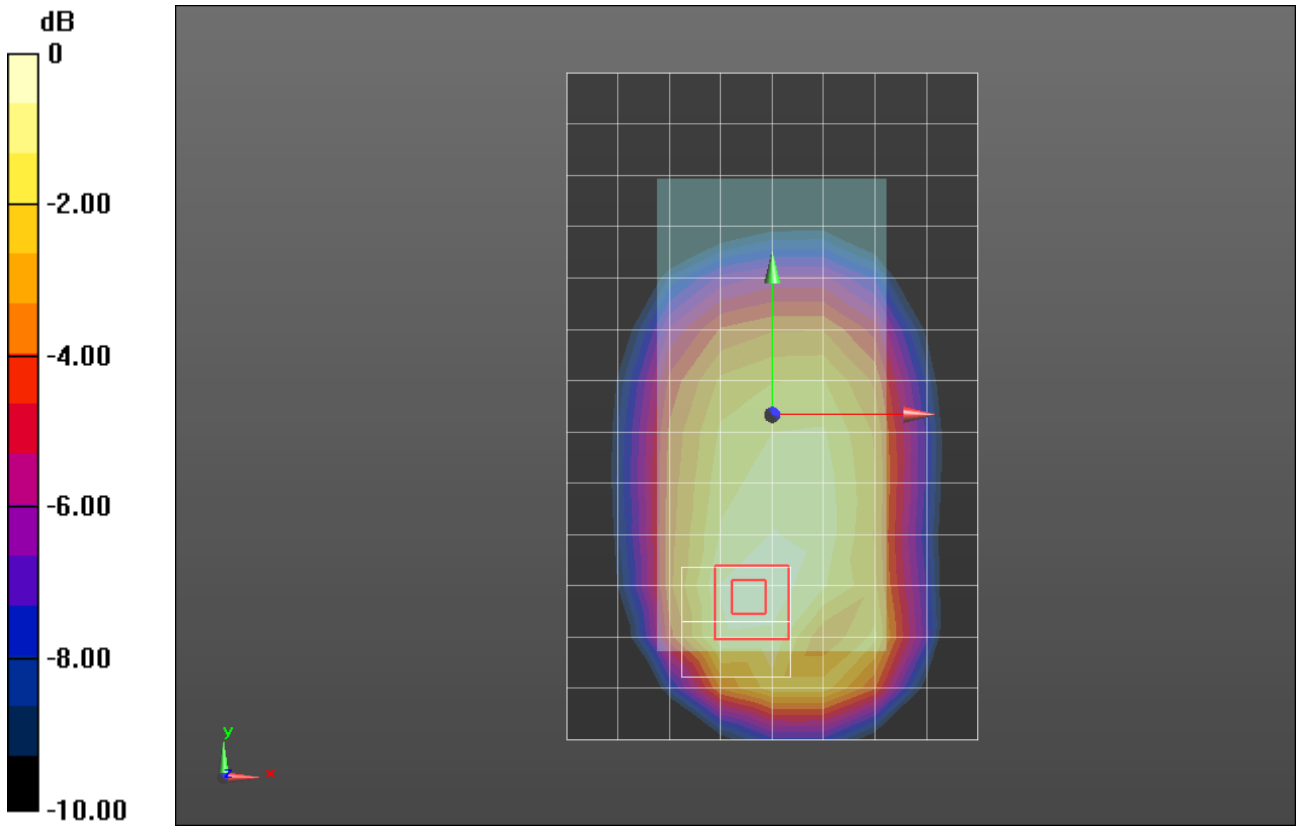
Frequency: 819 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 819 MHz; σ = 0.993 S/m; ε_r = 56.118; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Rear/QPSK_RB 1/24_ch 26740/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.253 W/kg

Rear/QPSK_RB 1/24_ch 26740/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.153 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.153 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

LTE Band 26_LAT

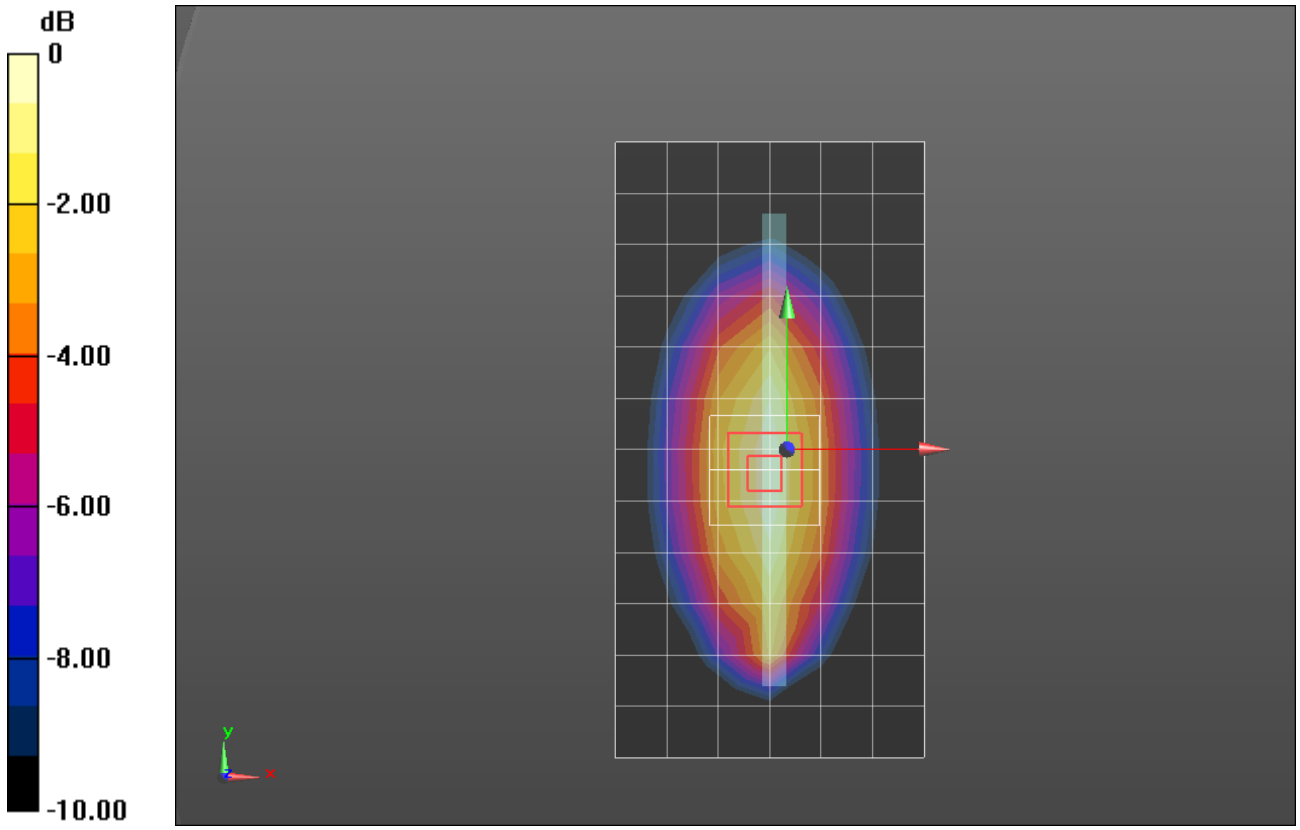
Frequency: 819 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 819 MHz; σ = 0.993 S/m; ε_r = 56.118; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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 A v5.0; Type: QDOVA002AA; Serial: TP:xxxx

Edge 4/QPSK_RB 1/24_ch 26740/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.448 W/kg

Edge 4/QPSK_RB 1/24_ch 26740/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.417 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.243 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

LTE Band 41_UAT

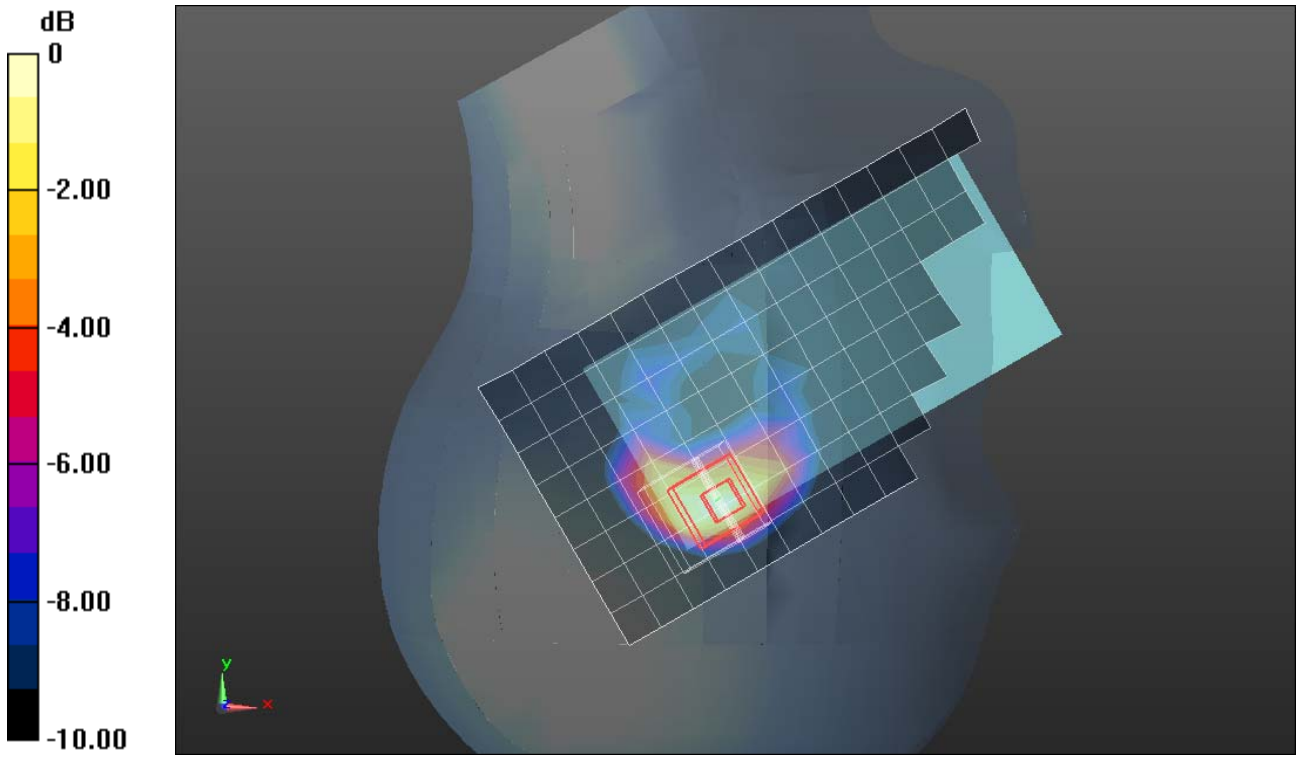
Frequency: 2593 MHz; Duty Cycle: 1:1.6; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 1.985 S/m; ε_r = 39.494; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(6.42, 6.42, 6.42); Calibrated: 2/26/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

RHS/Touch_QPSK_RB 1/49_ch 40620/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 W/kg

RHS/Touch_QPSK_RB 1/49_ch 40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.731 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.314 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

LTE Band 41_LAT

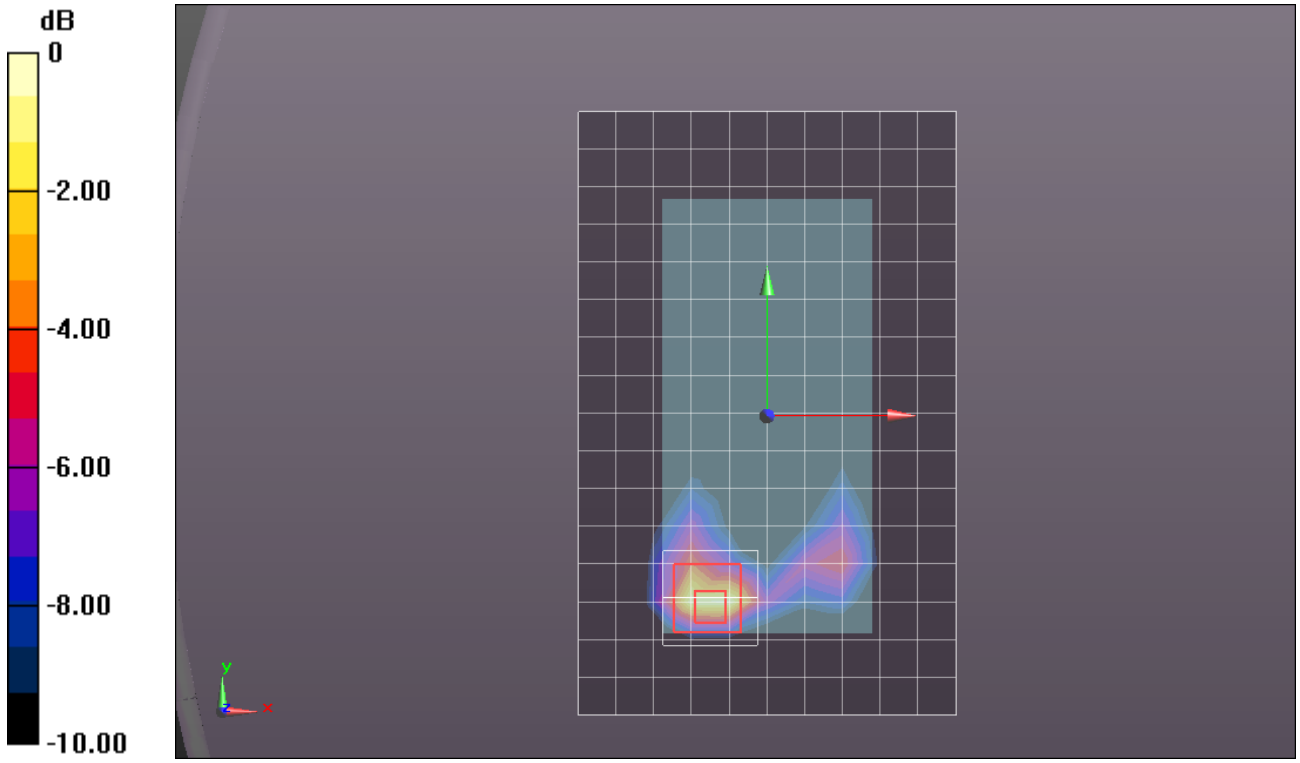
Frequency: 2680 MHz; Duty Cycle: 1:1.6; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2680 MHz; σ = 2.288 S/m; ε_r = 50.27; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/23/2014
- Probe: EX3DV4 - SN3772; ConvF(6.15, 6.15, 6.15); Calibrated: 2/26/2014;
- 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: QDOVA001BB; Serial: 1099

Rear/QPSK_RB 1/49_ch 41490/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.71 W/kg

Rear/QPSK_RB 1/49_ch 41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.930 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 1.91 W/kg



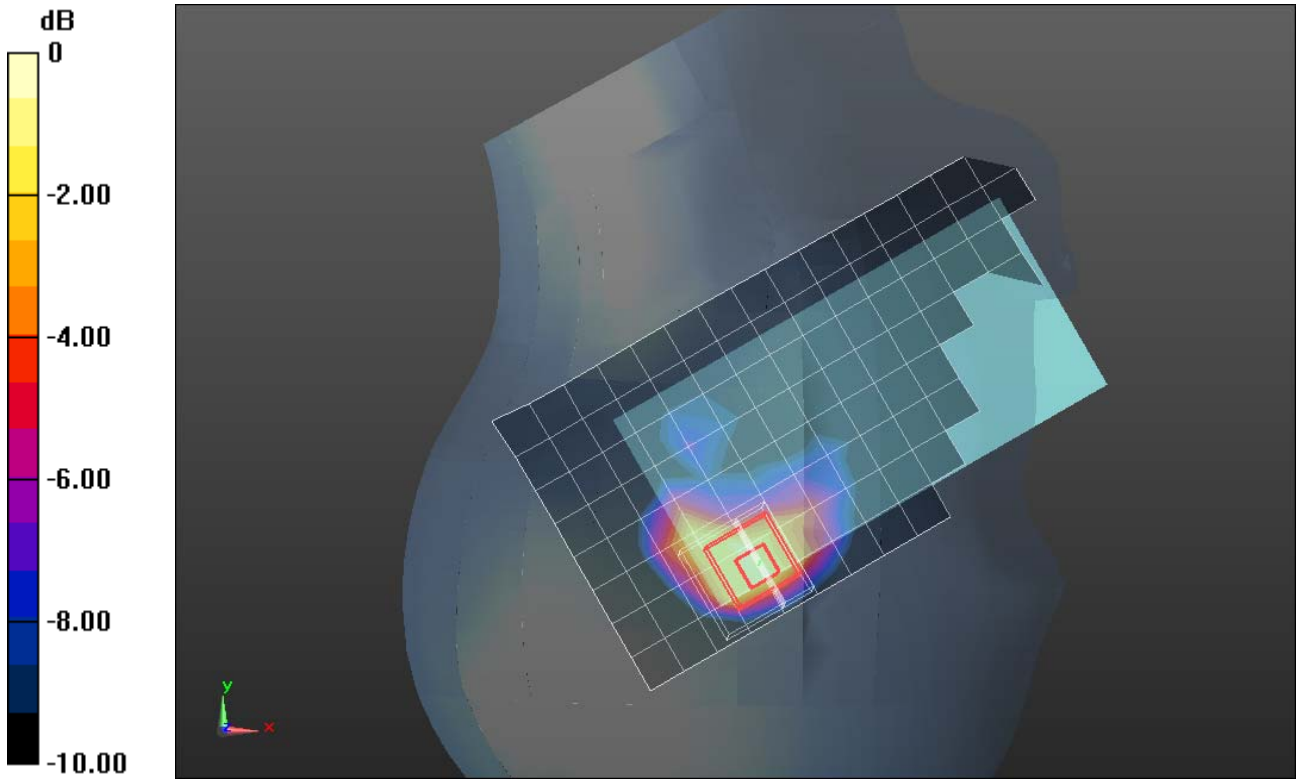
0 dB = 1.91 W/kg = 2.81 dBW/kg

Wi-Fi 2.4 GHz_Cell Off

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.802 S/m; ε_r = 39.937; 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

RHS/Touch_802.11b_ch 11/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.33 W/kg

RHS/Touch_802.11b_ch 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.843 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.532 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Wi-Fi 2.4 GHz_Cell off

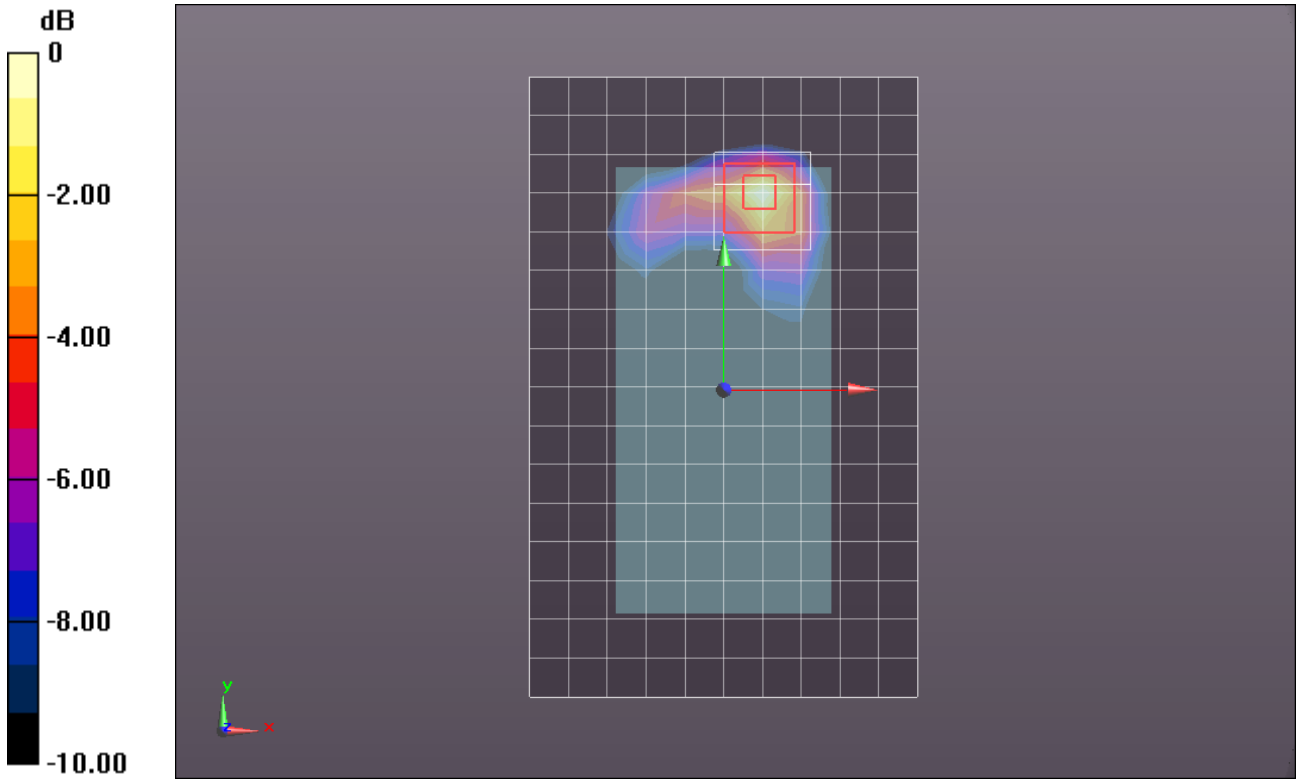
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.963 S/m; ε_r = 51.432; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value 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)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Rear/802.11b_ch 6/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.79 W/kg

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

Reference Value = 28.640 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.89 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.479 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.74 W/kg



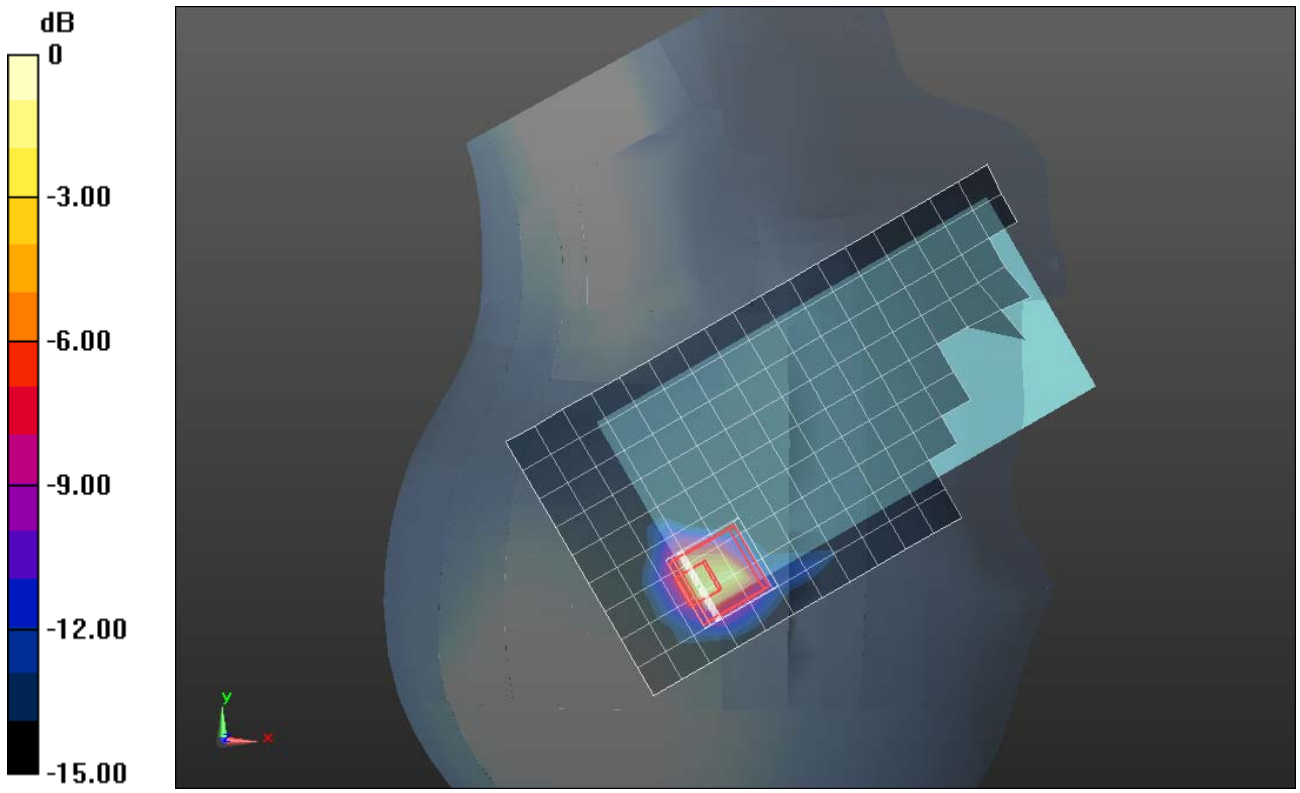
0 dB = 1.74 W/kg = 2.41 dBW/kg

Wi-Fi 5 GHz

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 = 4.527 S/m; ε_r = 36.522; 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 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(4.92, 4.92, 4.92); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1727

RHS/Touch_802.11a_Ch 36/Area Scan (10x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.638 W/kg

RHS/Touch_802.11a_Ch 36/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.779 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 6.14 W/kg
SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



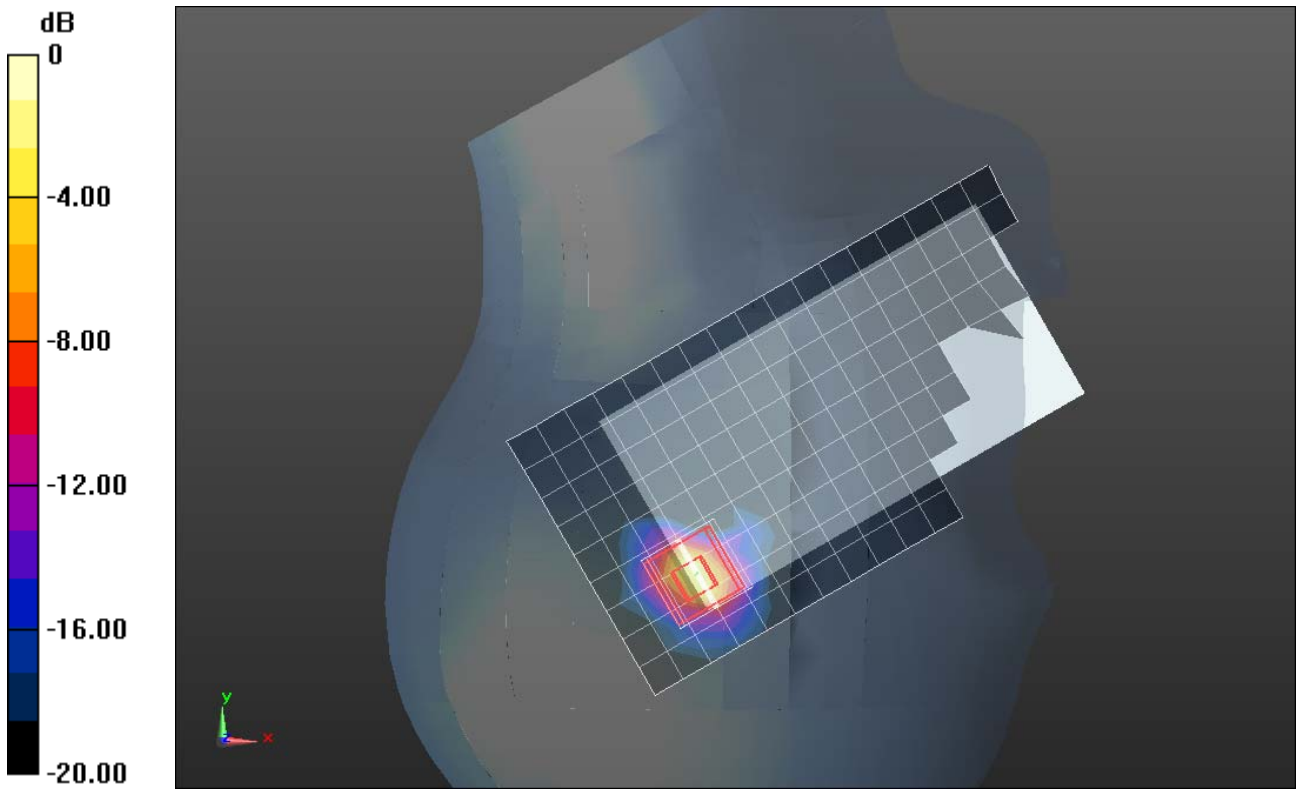
0 dB = 1.08 W/kg = 0.33 dBW/kg

Wi-Fi 5 GHz

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 = 5.11 S/m; ε_r = 35.628; 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 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(4.4, 4.4, 4.4); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1727

RHS/Tilt_802.11a_Ch 157/Area Scan (10x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.878 W/kg

RHS/Tilt_802.11a_Ch 157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.509 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.80 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



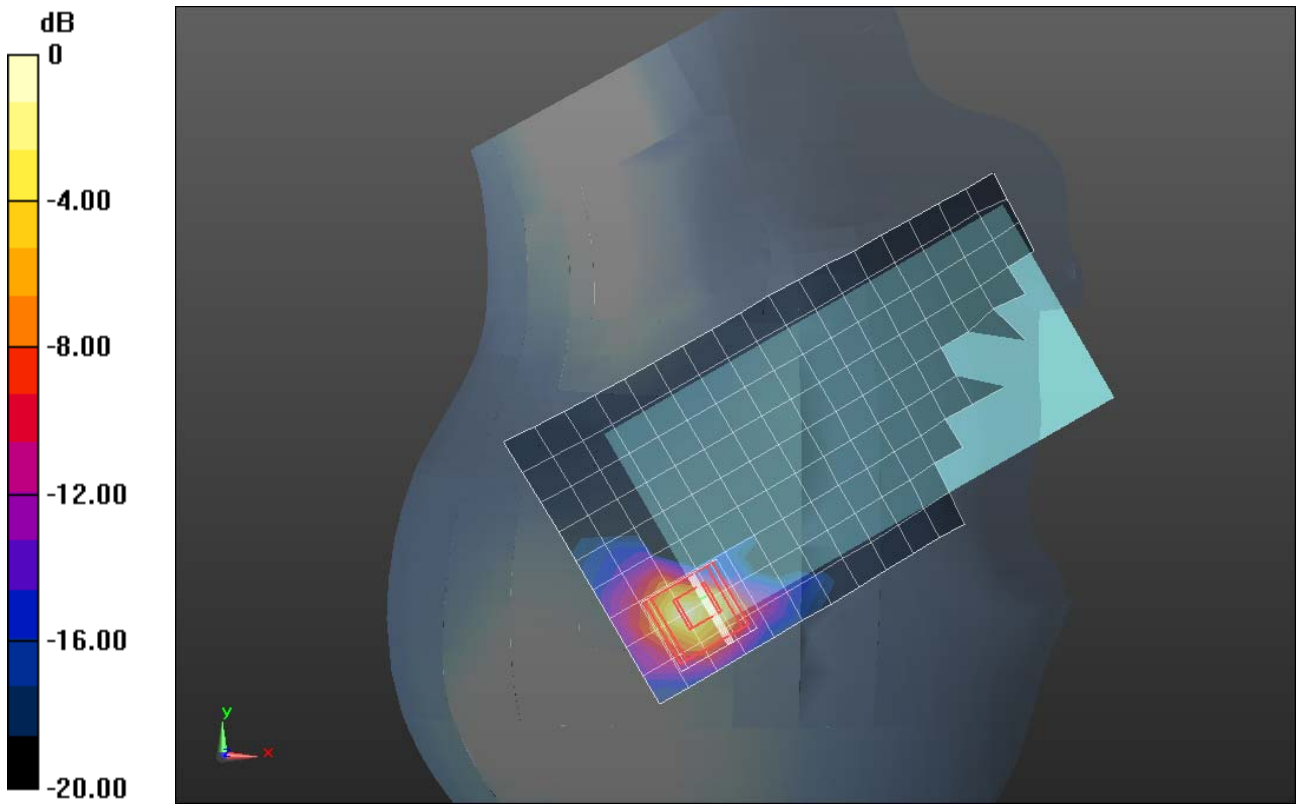
0 dB = 1.23 W/kg = 0.90 dBW/kg

Wi-Fi 5 GHz

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 = 4.626 S/m; ε_r = 34.618; 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 Sn1357; Calibrated: 2/17/2014
- Probe: EX3DV4 - SN3901; ConvF(4.63, 4.63, 4.63); Calibrated: 2/25/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

RHS/Touch_802.11a_Ch 52/Area Scan (10x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.942 W/kg

RHS/Touch_802.11a_Ch 52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.689 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.899 W/kg



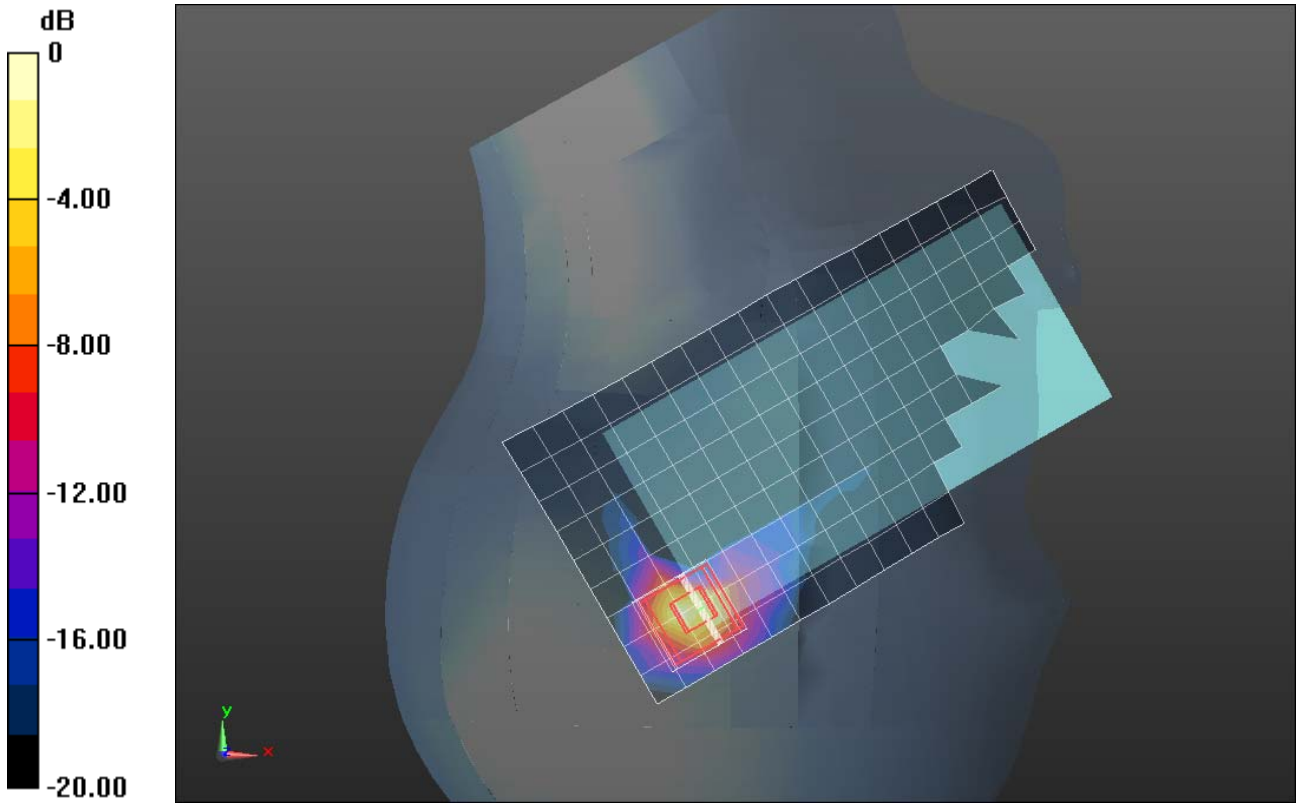
0 dB = 0.899 W/kg = -0.46 dBW/kg

Wi-Fi 5 GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5620 MHz; σ = 5.117 S/m; ε_r = 36.387; 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 Sn1357; Calibrated: 2/17/2014
- Probe: EX3DV4 - SN3901; ConvF(4.45, 4.45, 4.45); Calibrated: 2/25/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

RHS/Touch_802.11a_Ch 124/Area Scan (10x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.10 W/kg

RHS/Touch_802.11a_Ch 124/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.760 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 4.09 W/kg
SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



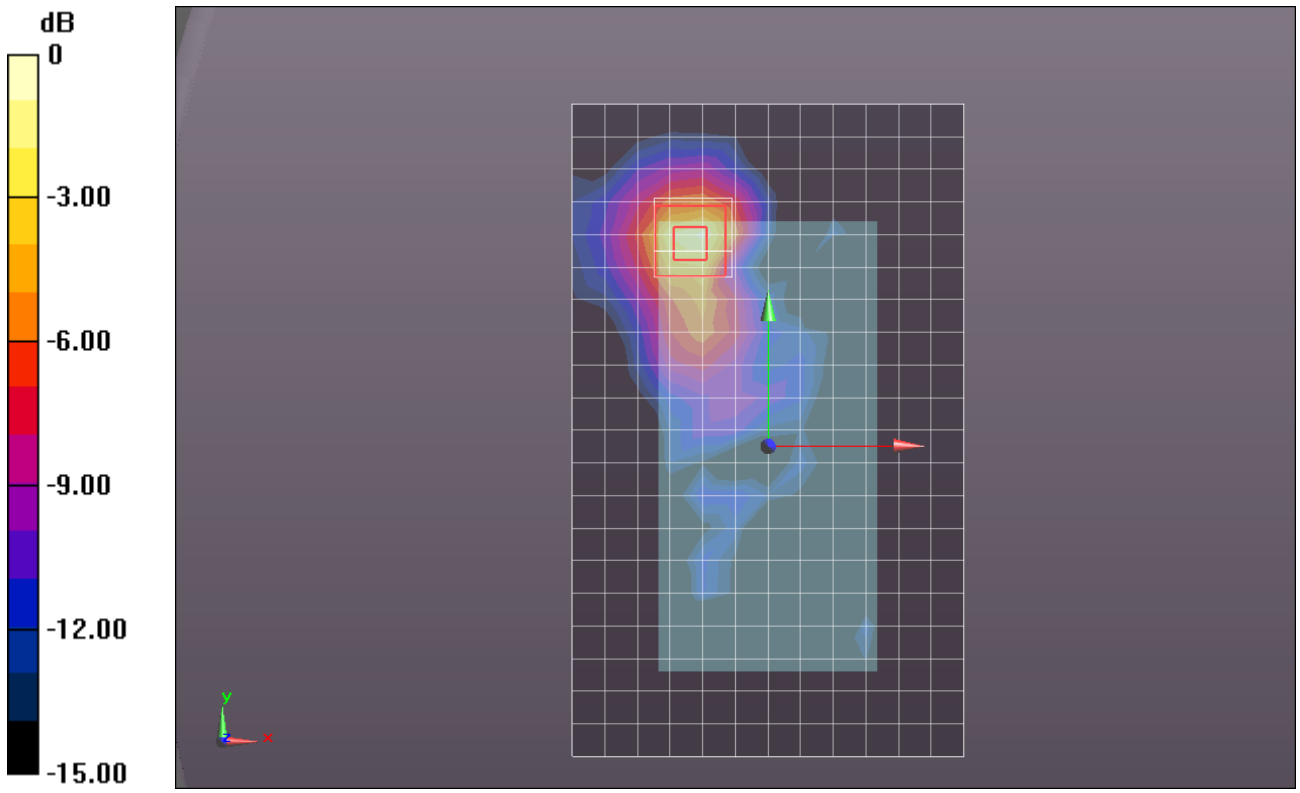
0 dB = 1.15 W/kg = 0.61 dBW/kg

Wi-Fi 5 GHz

Frequency: 5240 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5240 MHz; σ = 5.418 S/m; ε_r = 47.647; 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 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(4.27, 4.27, 4.27); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/802.11a_Ch 48/Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.623 W/kg

Front/802.11a_Ch 48/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.335 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.726 W/kg



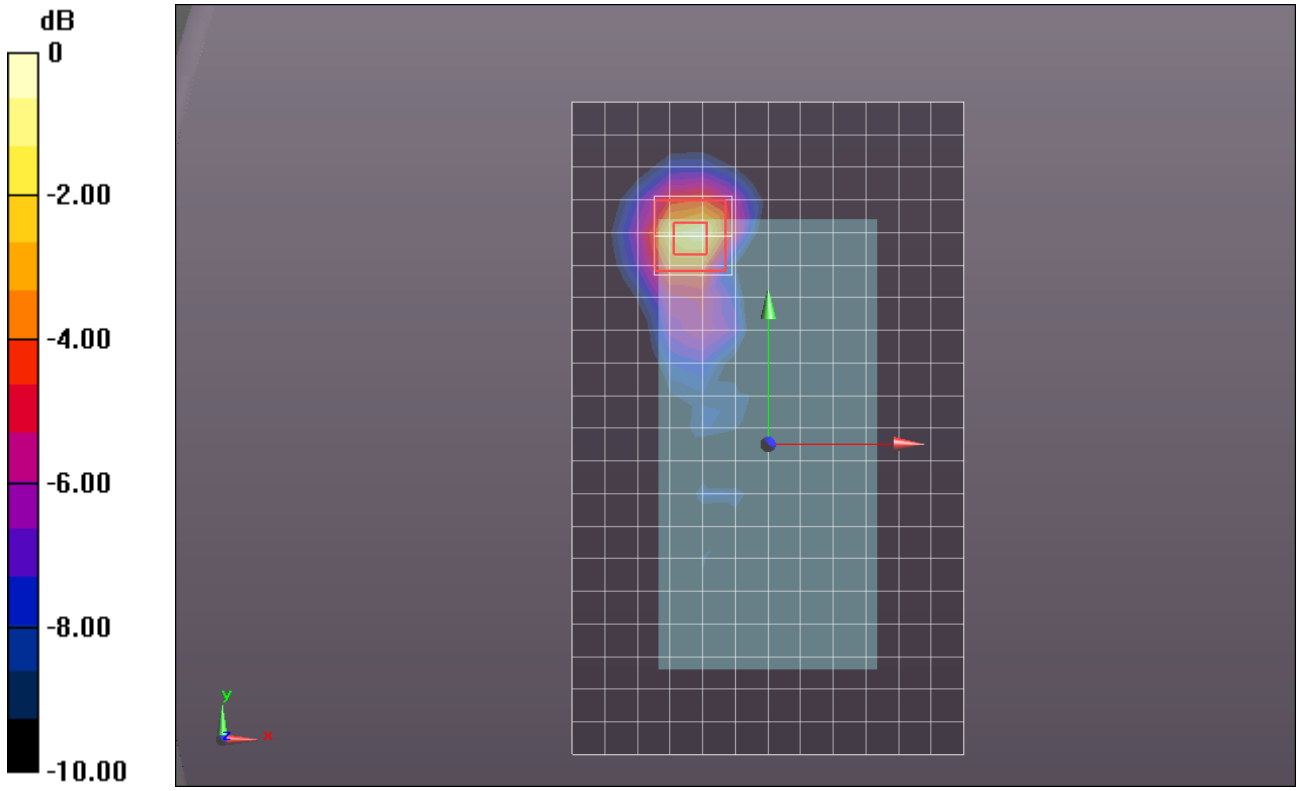
0 dB = 0.726 W/kg = -1.39 dBW/kg

Wi-Fi 5 GHz

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 = 5.433 S/m; ε_r = 47.658; 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 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(4.05, 4.05, 4.05); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/802.11a_Ch 52/Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.676 W/kg

Front/802.11a_Ch 52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.944 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.774 W/kg



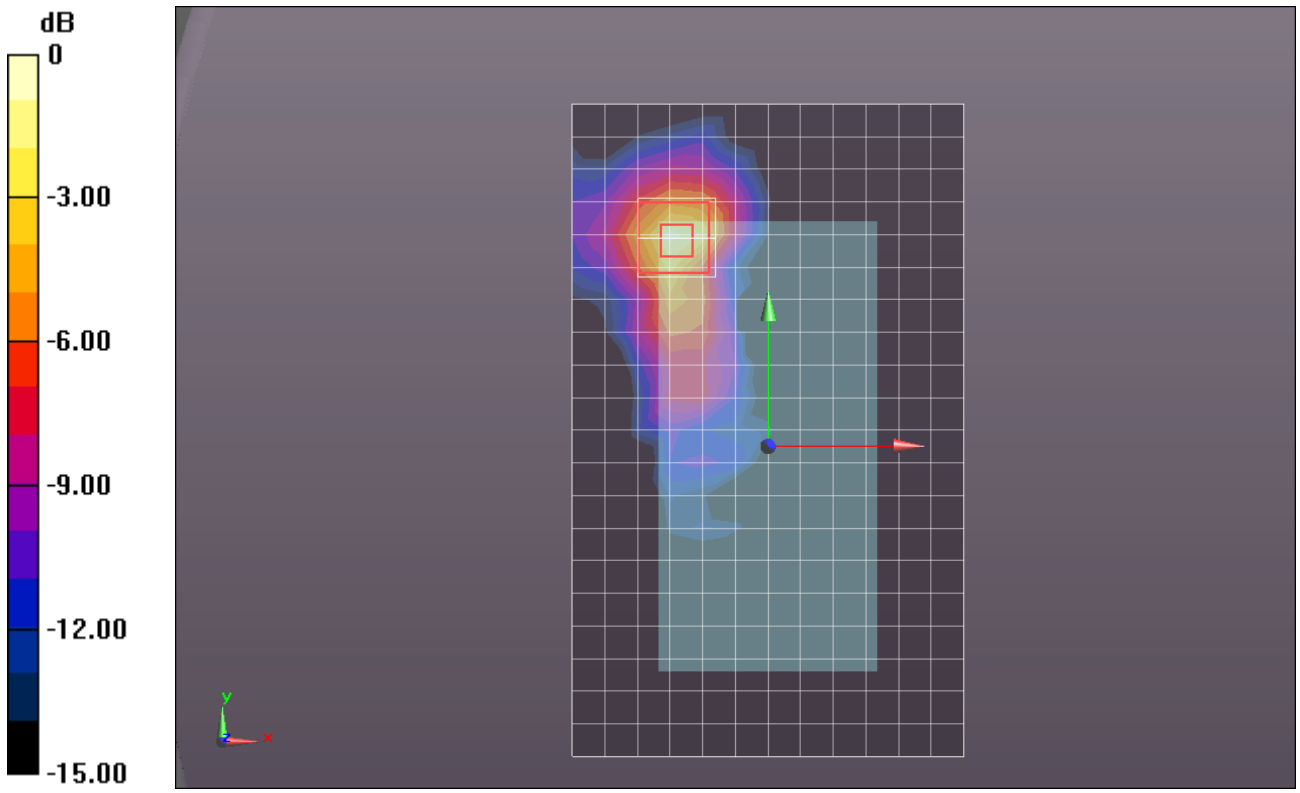
0 dB = 0.774 W/kg = -1.11 dBW/kg

Wi-Fi 5 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C
Medium parameters used: f = 5785 MHz; σ = 6.13 S/m; ε_r = 46.798; 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 Sn1239; Calibrated: 4/15/2014
- Probe: EX3DV4 - SN3885; ConvF(3.86, 3.86, 3.86); Calibrated: 9/18/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/802.11a_Ch 157/Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.708 W/kg

Front/802.11a_Ch 157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 10.698 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.790 W/kg



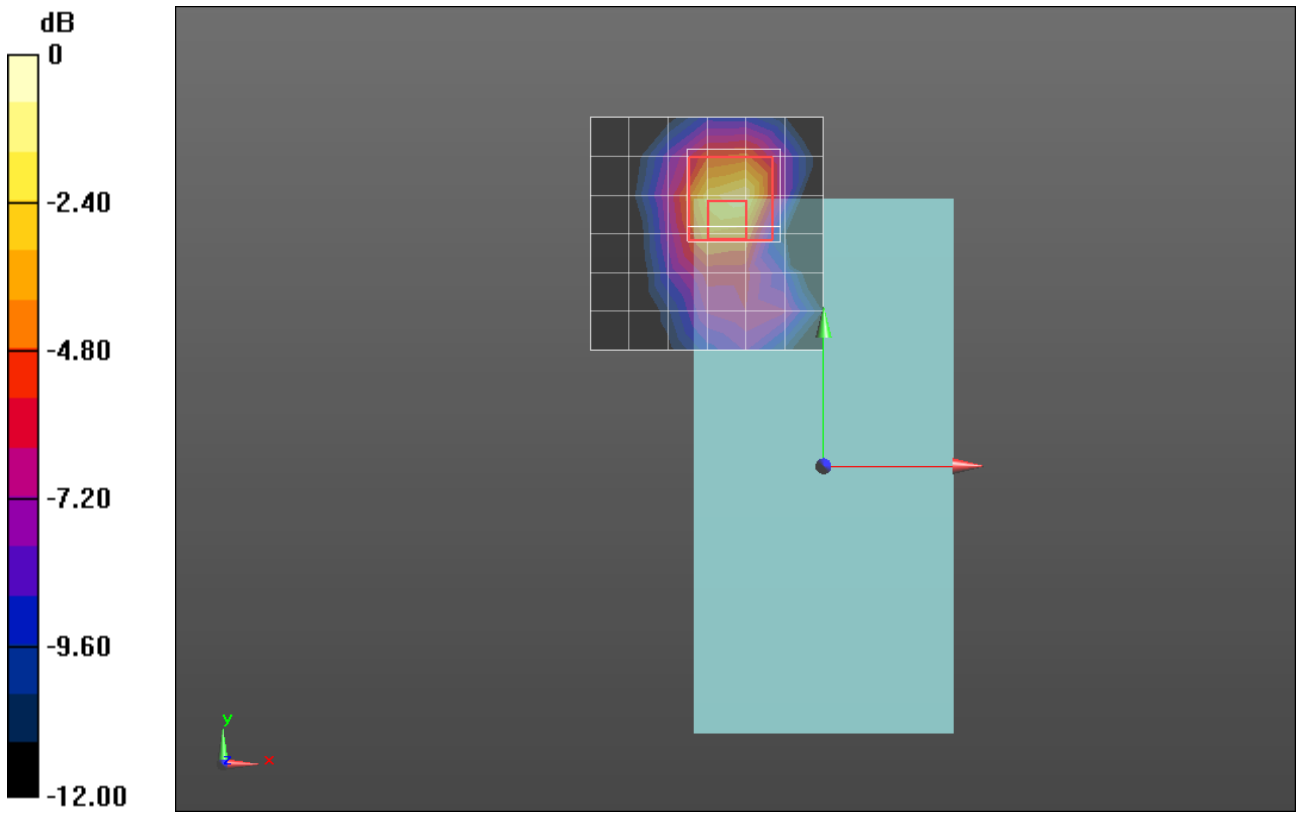
0 dB = 0.790 W/kg = -1.02 dBW/kg

Wi-Fi 5 GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5620 MHz; σ = 5.941 S/m; ε_r = 47.693; 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 Sn1357; Calibrated: 2/17/2014
- Probe: EX3DV4 - SN3901; ConvF(3.74, 3.74, 3.74); Calibrated: 2/25/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QD OVA 002 AA; Serial: 1180

Front/802.11a_Ch 124/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.680 W/kg

Front/802.11a_Ch 124/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.456 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg