GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.895 S/m; ε_r = 40.714; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Probe: EX3DV4 - SN3885; ConvF(9.26, 9.26, 9.26); Calibrated: 9/15/2014;
- 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

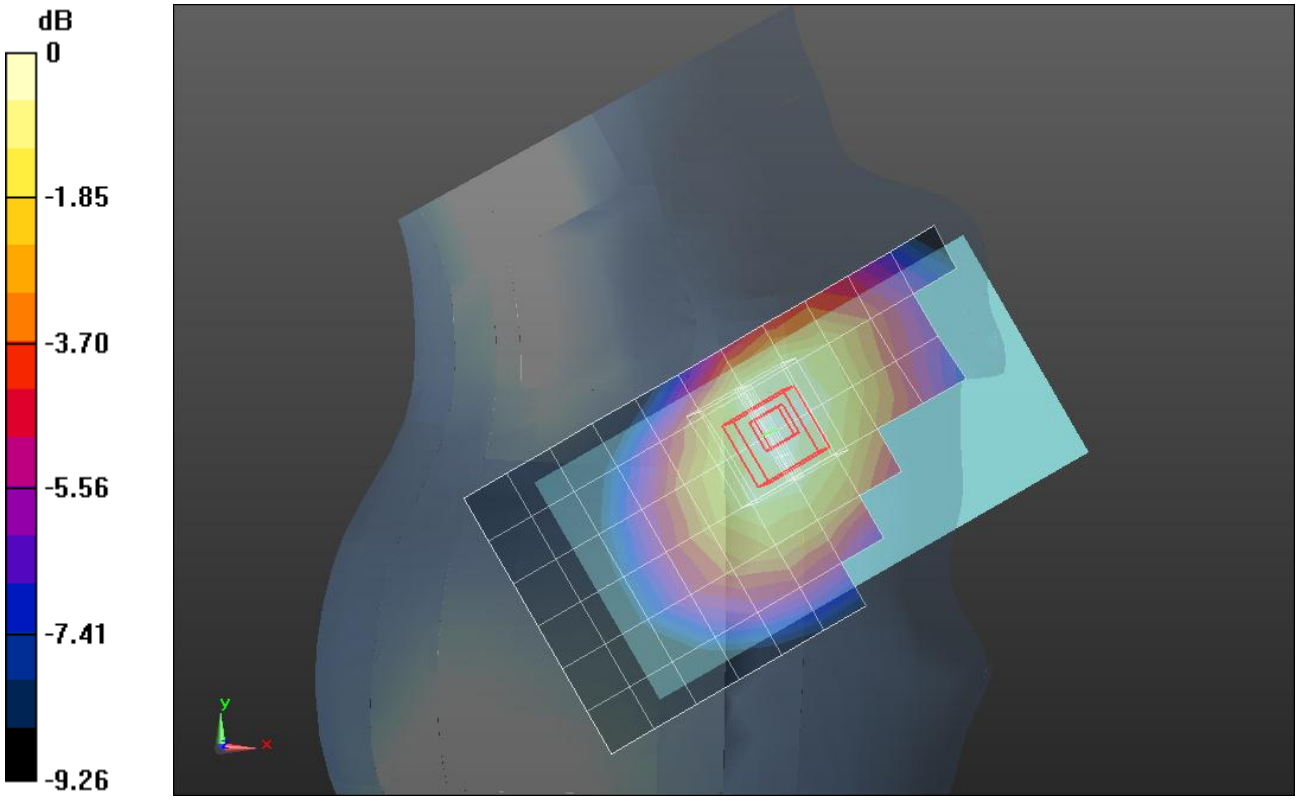
RHS/Touch_GPRS VoIP 2 slots_ch 190/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.596 W/kg

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

Reference Value = 26.147 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.404 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

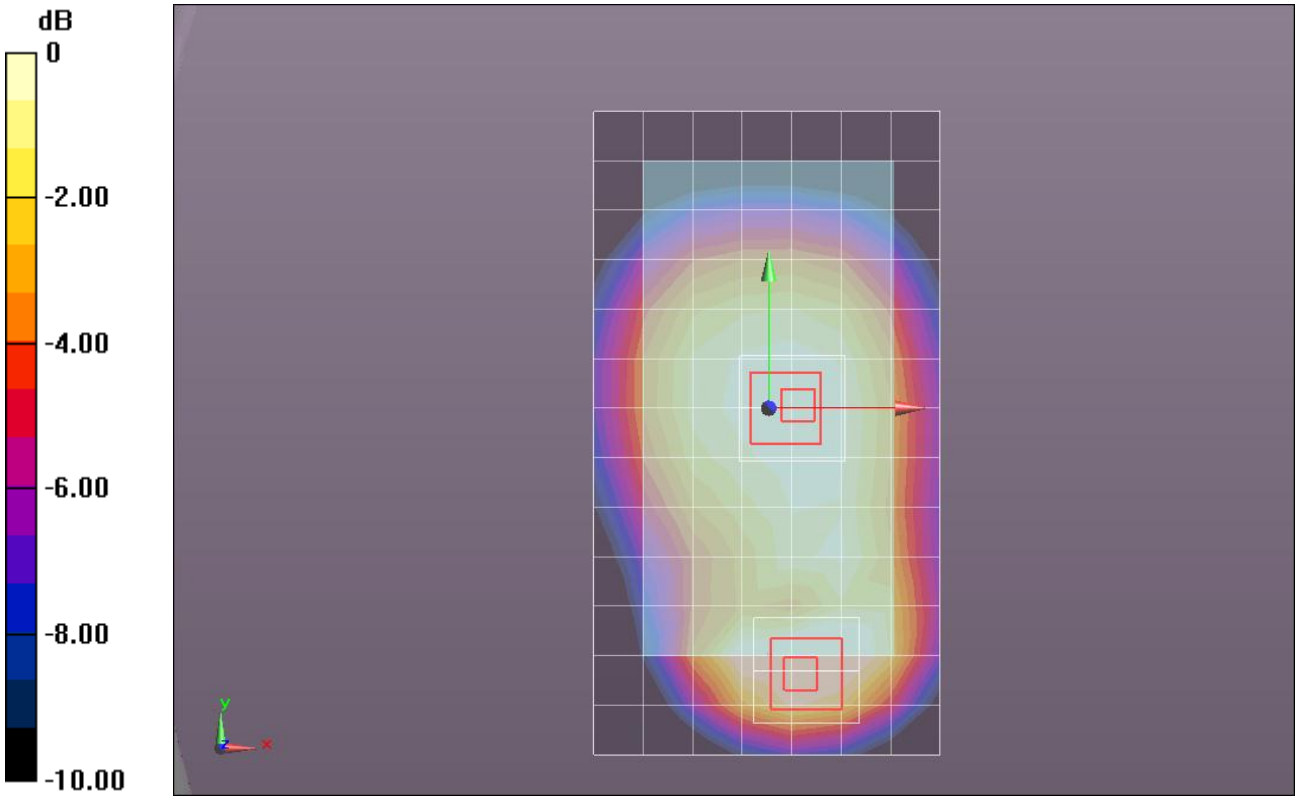
GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.017 S/m; ε_r = 52.621; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Probe: EX3DV4 - SN3885; ConvF(9.14, 9.14, 9.14); Calibrated: 9/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/GPRS 2 slots_ch 190/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.666 W/kg

Front/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.964 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.335 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.777 W/kg

Front/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.964 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.346 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.502 W/kg



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

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.417 S/m; ε_r = 38.731; 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 - SN3686; ConvF(7.46, 7.46, 7.46); Calibrated: 2/23/2015;
- 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

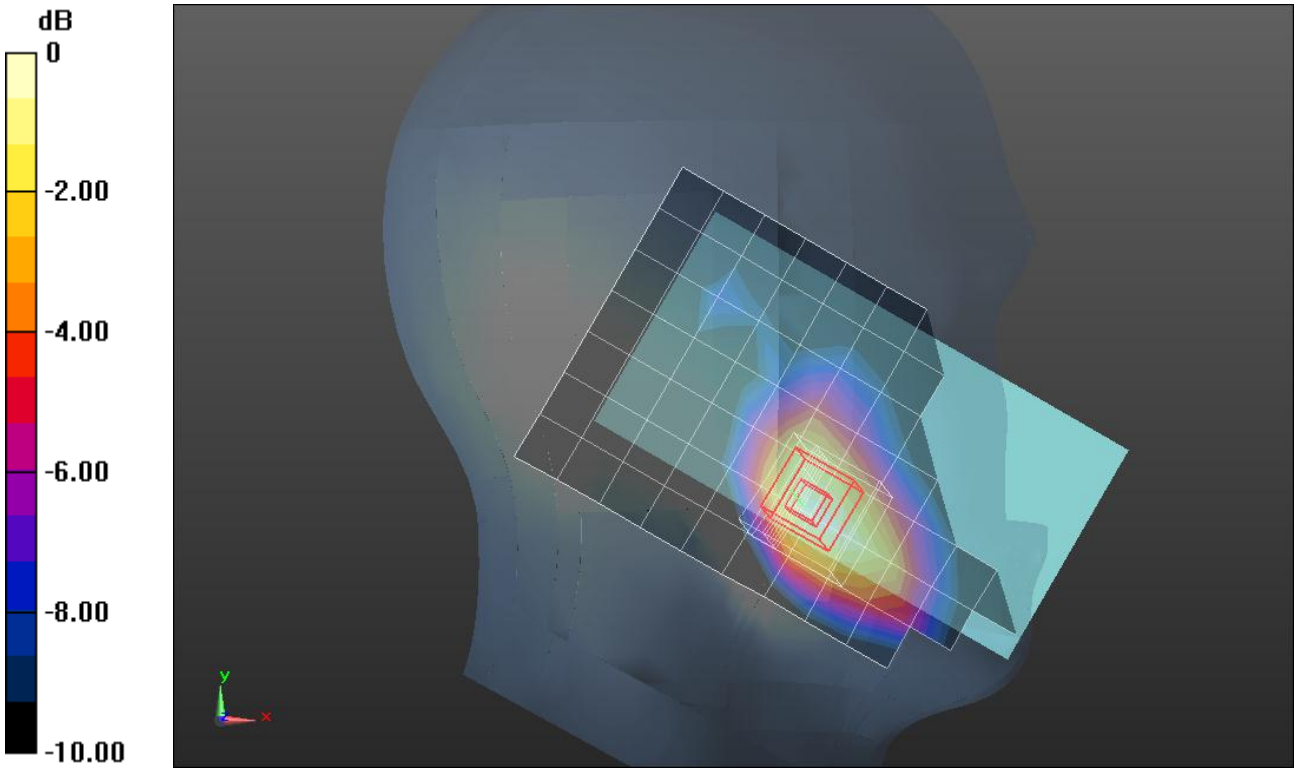
LHS/Touch_GPRS 2 slots_ch 661/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.00 W/kg

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

Reference Value = 26.373 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.502 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.548 S/m; ε_r = 52.224; 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 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- 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: QDOVA002AA; Serial: 1248

Rear/GSM 2 slots_ch 661/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.521 W/kg

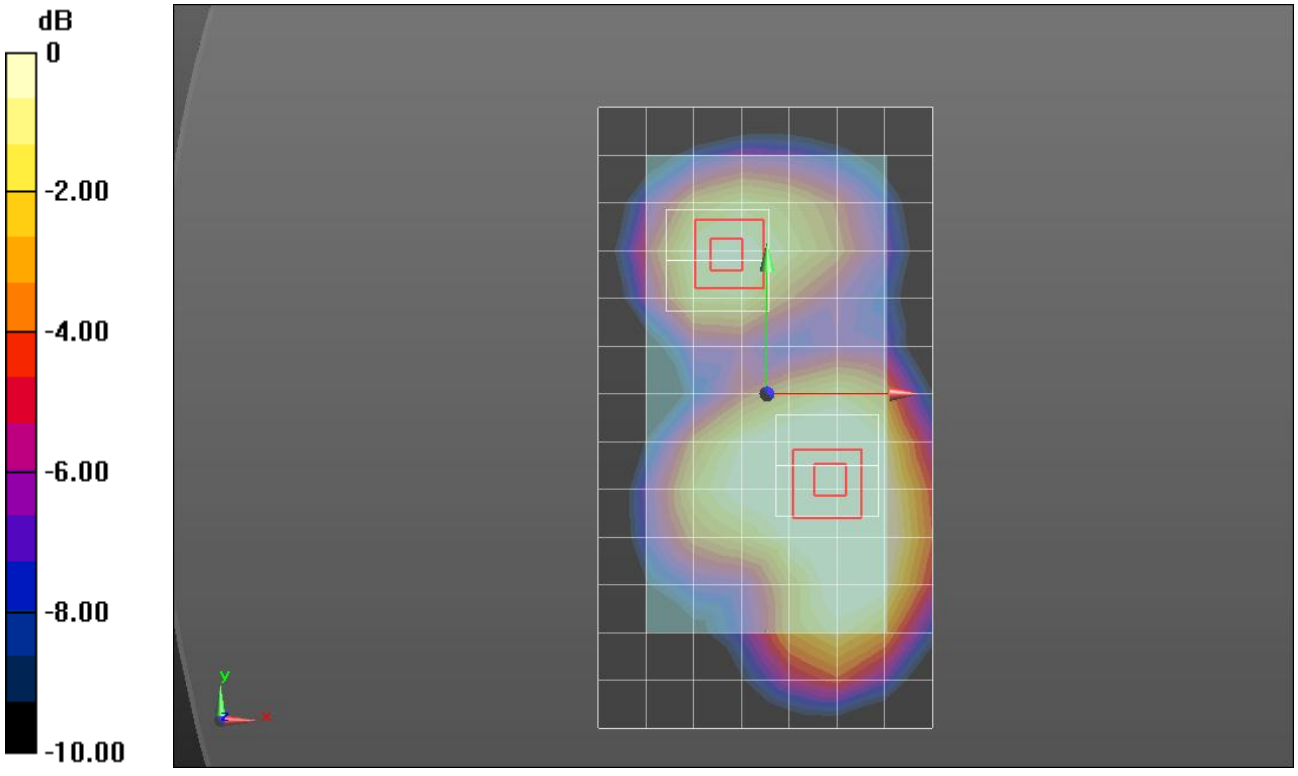
Rear/GSM 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.460 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.517 W/kg

Rear/GSM 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.460 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

GSM 1900

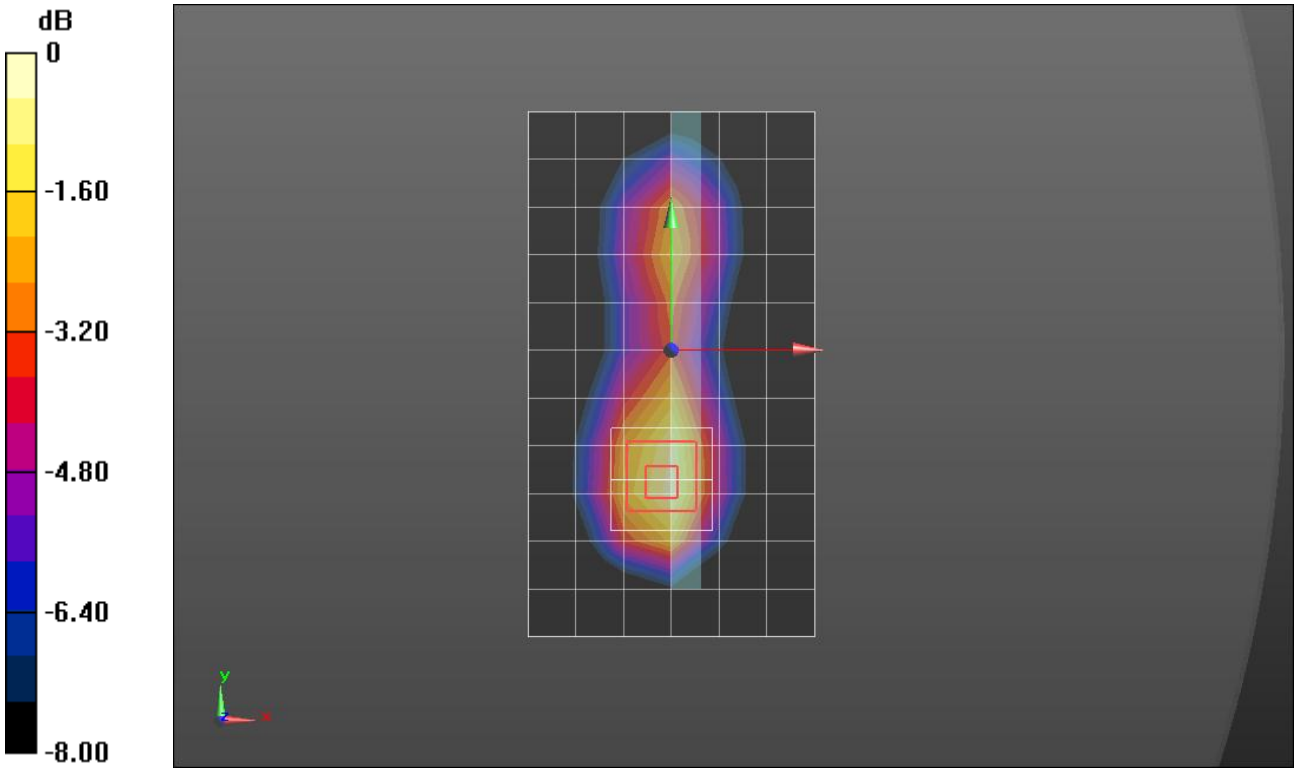
Frequency: 1880 MHz; Duty Cycle: 1:4.; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.548 S/m; ε_r = 52.224; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Edge 4/GPRS 2 slots_ch 661/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.584 W/kg

Edge 4/GPRS 2 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.641 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.292 W/kg
Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg = -2.13 dBW/kg

W-CDMA Band 5

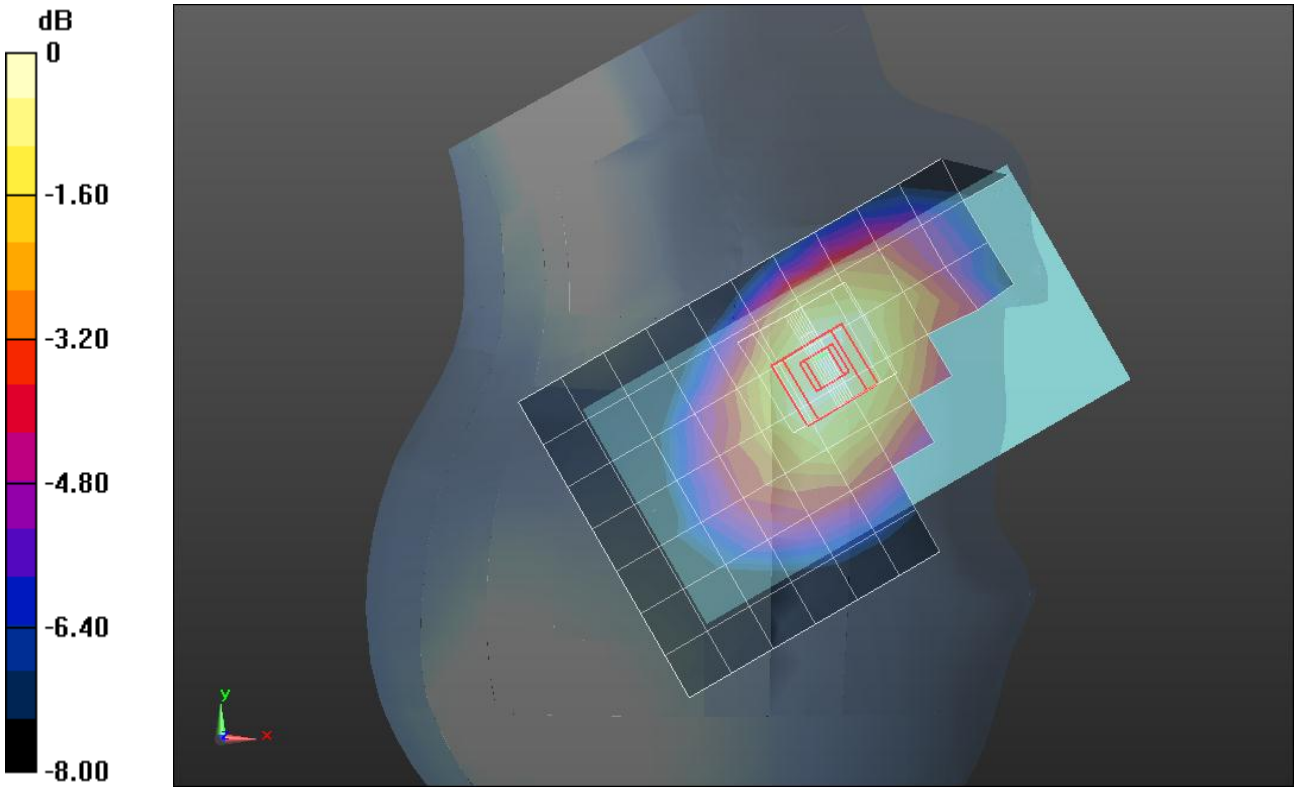
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.884 S/m; ε_r = 40.595; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.73, 8.73, 8.73); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

RHS/Touch_RMC Rel. 99 Ch. 4183/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.471 W/kg

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

Reference Value = 23.733 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.321 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

W-CDMA Band 5

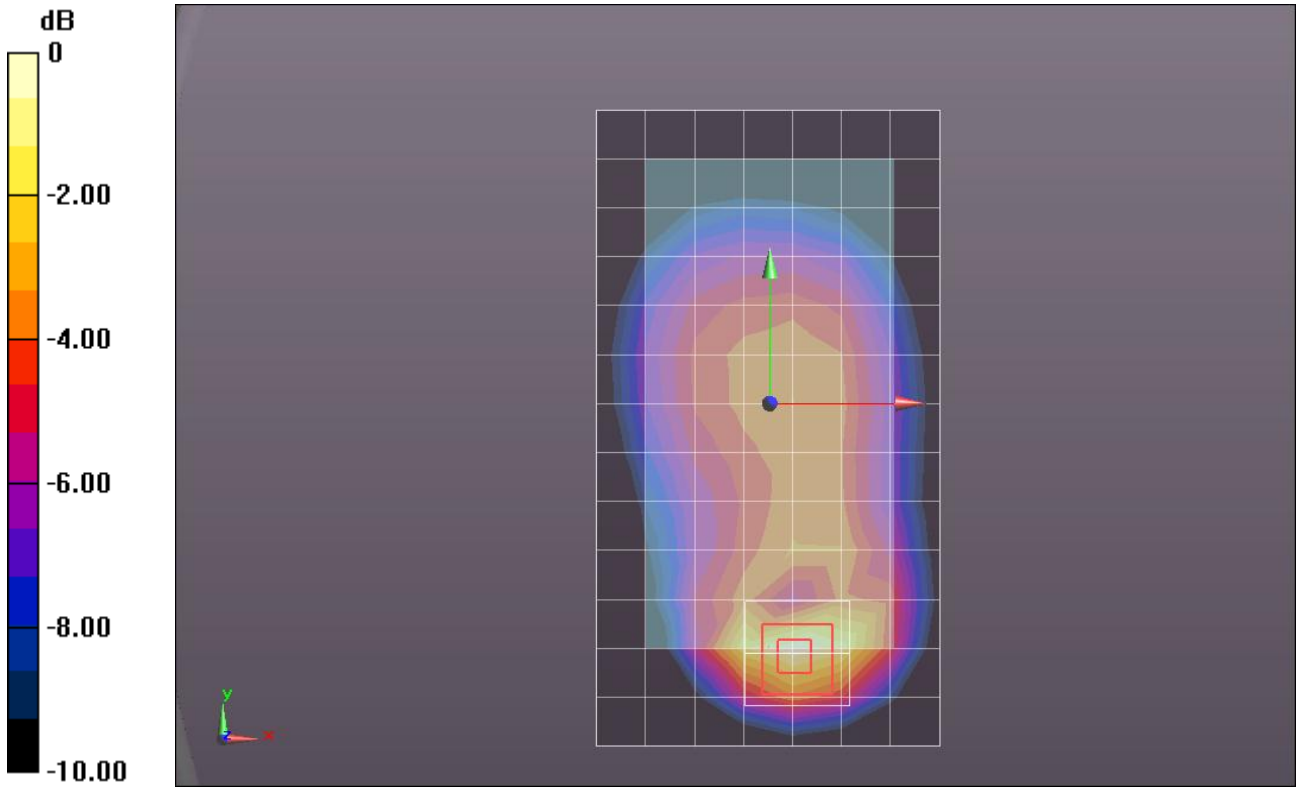
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.012 S/m; ε_r = 53.117; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.47, 8.47, 8.47); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/RMC Rel. 99 Ch. 4183/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 28.866 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.349 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

W-CDMA Band II

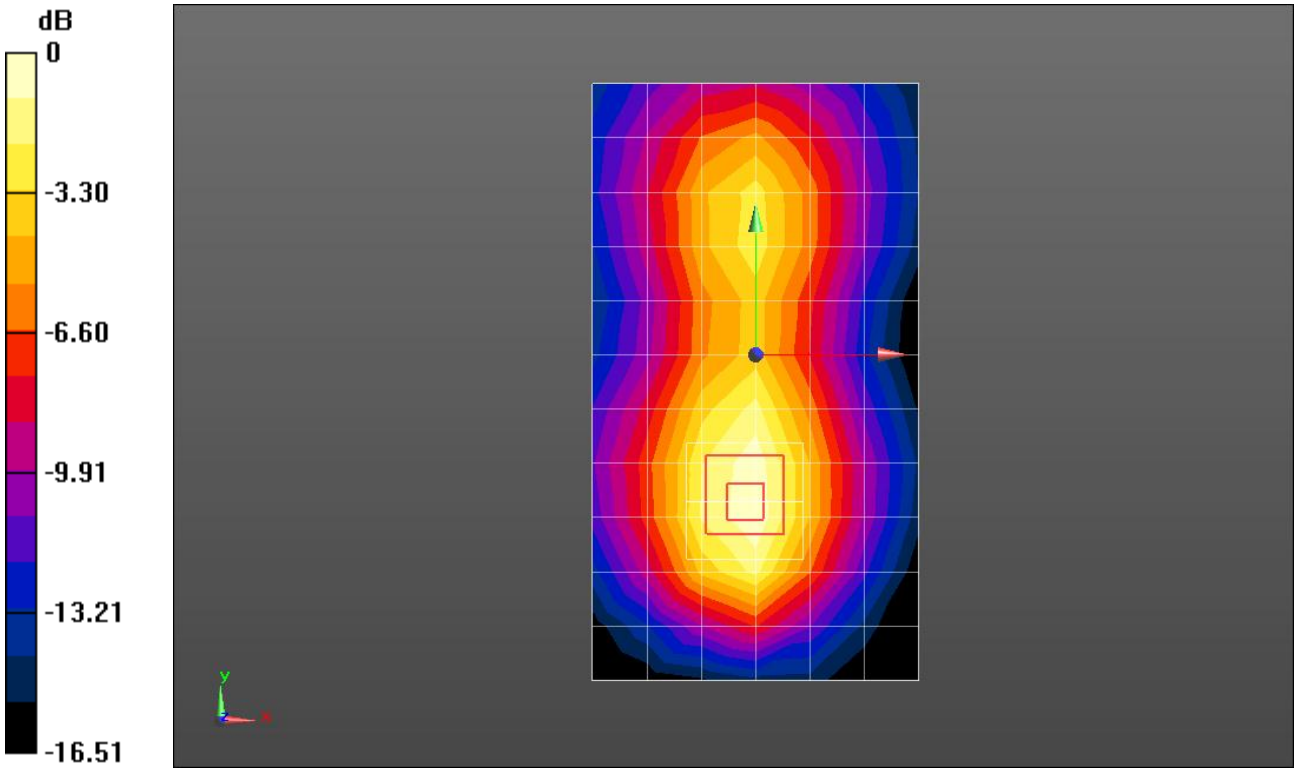
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.548 S/m; ε_r = 52.224; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Edge 4/RMC Rel. 99 Ch. 9400/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.773 W/kg

Edge 4/RMC Rel. 99 Ch. 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.593 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 0.796 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg

W-CDMA Band II (With Smart Cover)

Frequency: 1852.4 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.354 S/m; ε_r = 38.353; 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 - SN3686; ConvF(7.46, 7.46, 7.46); Calibrated: 2/23/2015;
- 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

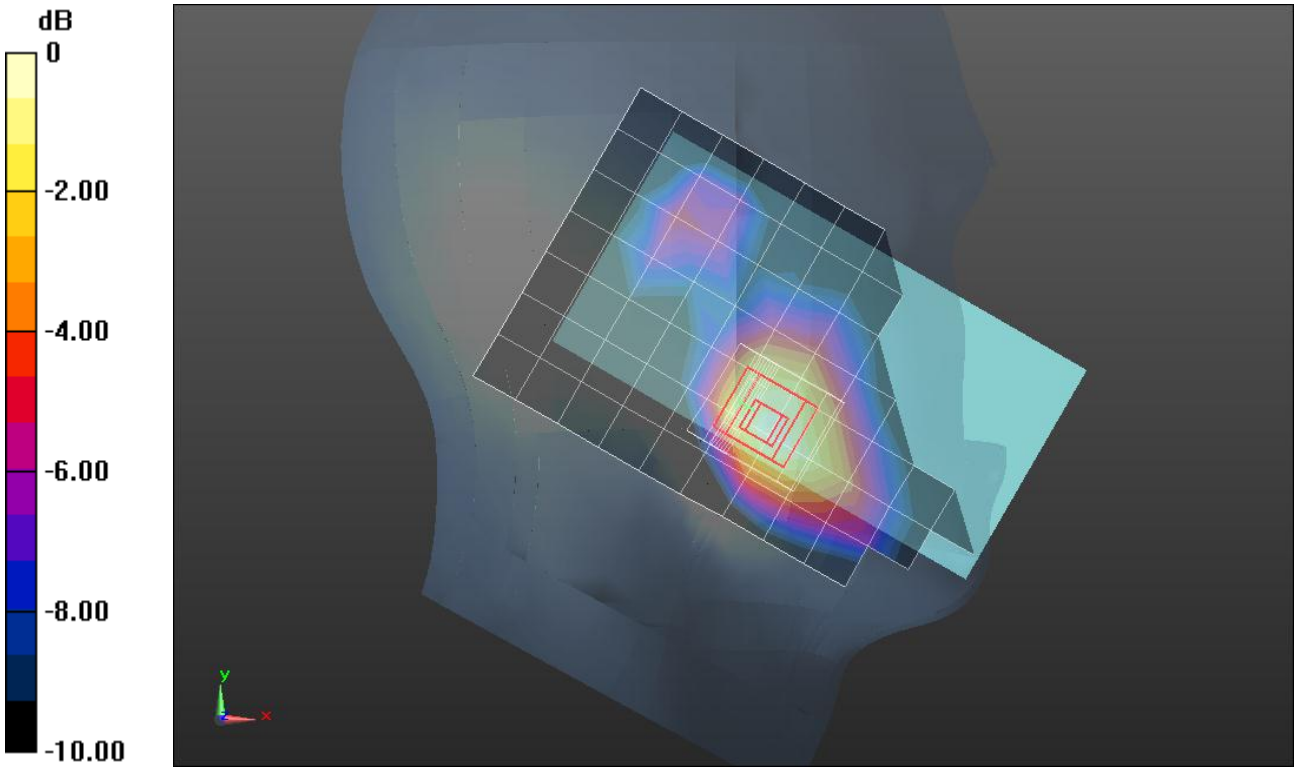
LHS/Touch_RMC Rel. 99 Ch. 9262/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 28.610 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.561 W/kg

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



0 dB = 1.06 W/kg = 0.25 dBW/kg

CDMA BC0

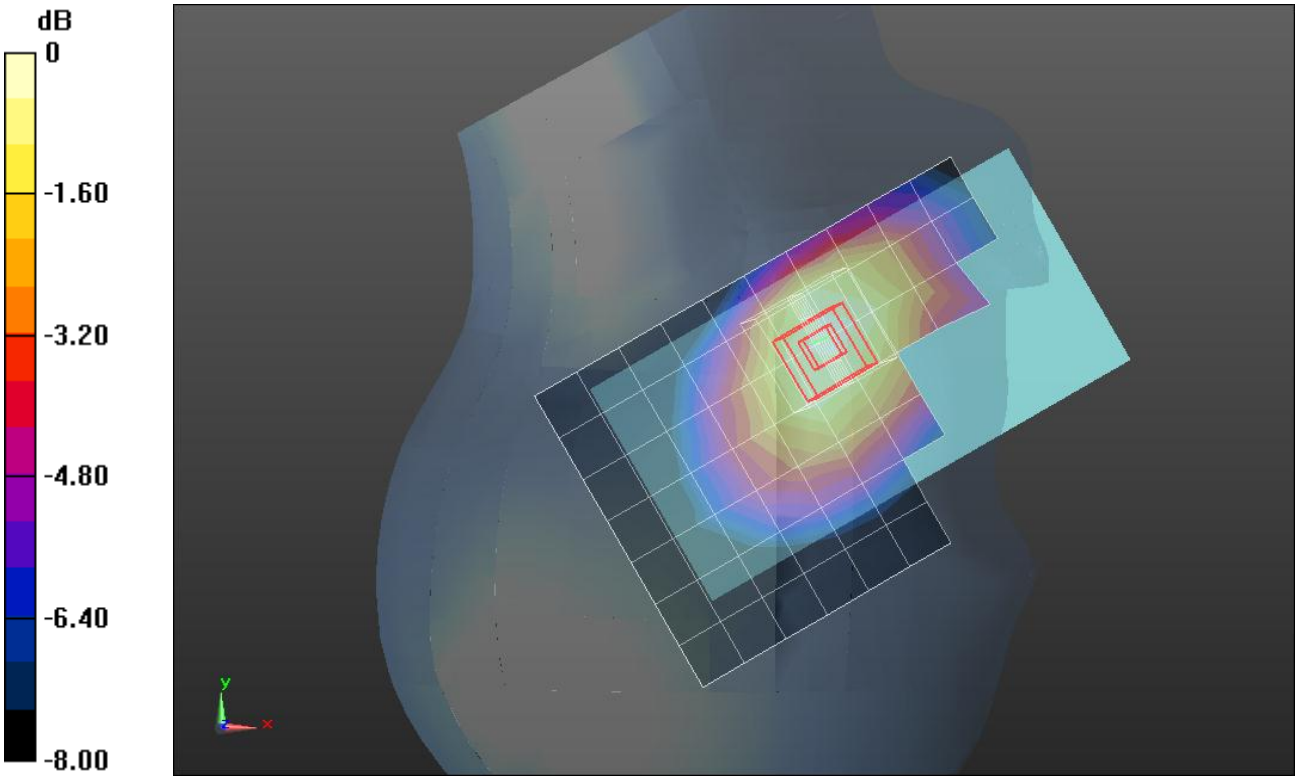
Frequency: 836.52 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.884 S/m; ε_r = 40.597; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.73, 8.73, 8.73); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

RHS/Touch_1xEVDO_Rel 0_ch 384/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.690 W/kg

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

Reference Value = 28.232 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.462 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.697 W/kg



0 dB = 0.697 W/kg = -1.57 dBW/kg

CDMA BC0

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 = 1.022 S/m; ε_r = 52.991; 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: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.47, 8.47, 8.47); Calibrated: 11/14/2014;
- 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

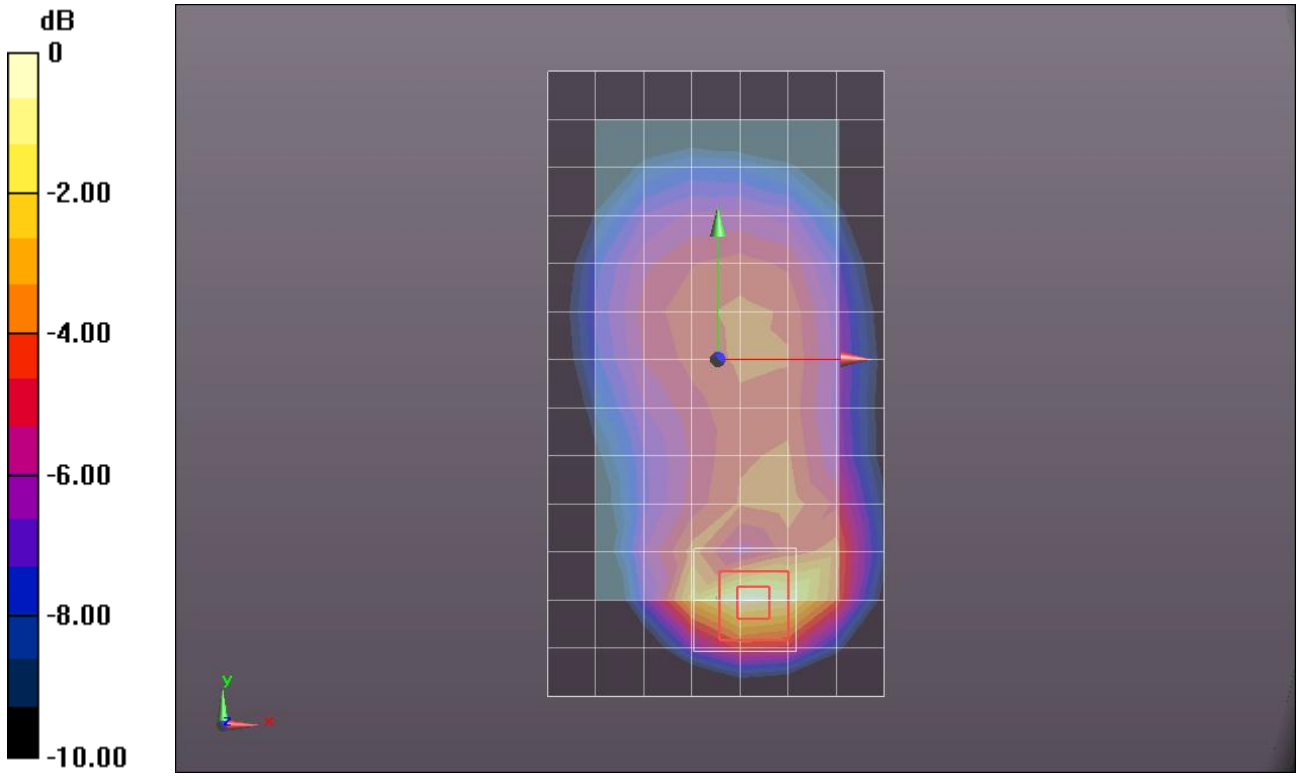
Front/1xRTT_SO32_ch 777/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Front/1xRTT_SO32_ch 777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.954 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.516 W/kg

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



0 dB = 1.24 W/kg = 0.93 dBW/kg

CDMA BC1

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 = 1.447 S/m; ε_r = 38.65; 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 - SN3686; ConvF(7.46, 7.46, 7.46); Calibrated: 2/23/2015;
- 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

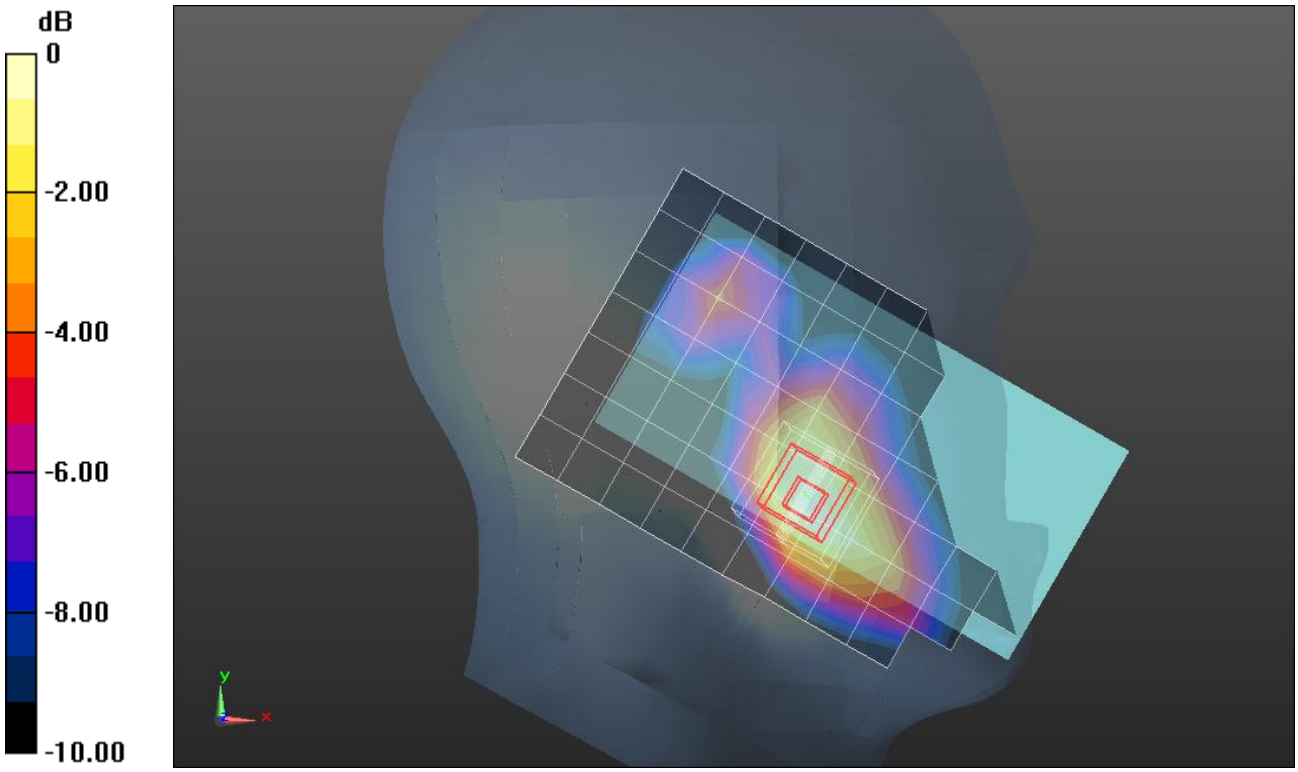
LHS/Touch_1xEVDO Rel. 0 Ch. 1175/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.38 W/kg

LHS/Touch_1xEVDO Rel. 0 Ch. 1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.184 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.711 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



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

CDMA BC1

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 = 1.548 S/m; ε_r = 51.947; 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 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Edge 4/1xRTT_RC3 SO32_ch 600/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

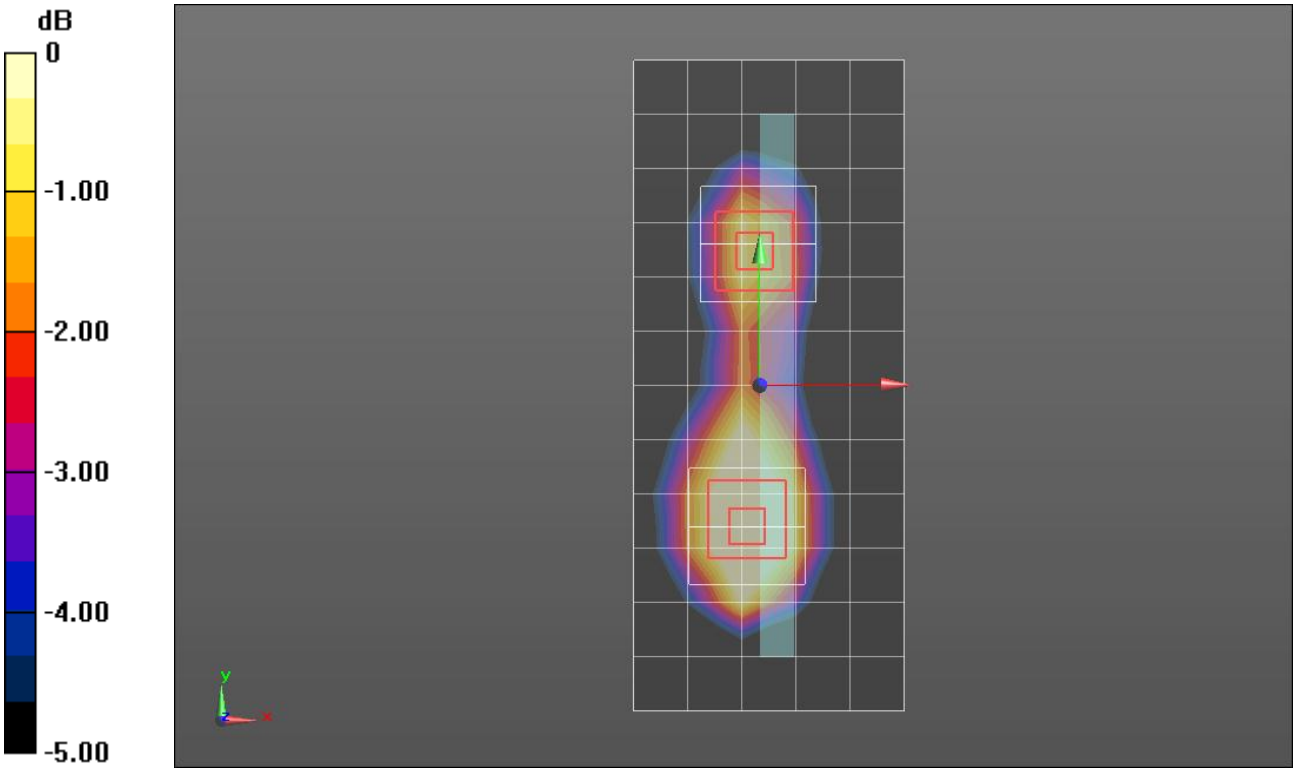
Maximum value of SAR (measured) = 0.873 W/kg

Edge 4/1xRTT_RC3 SO32_ch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.815 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.919 W/kg

Edge 4/1xRTT_RC3 SO32_ch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.815 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

CDMA BC1

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 = 1.511 S/m; ε_r = 52.571; 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 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Rear/1xRTT_RC3 SO32_ch 600/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

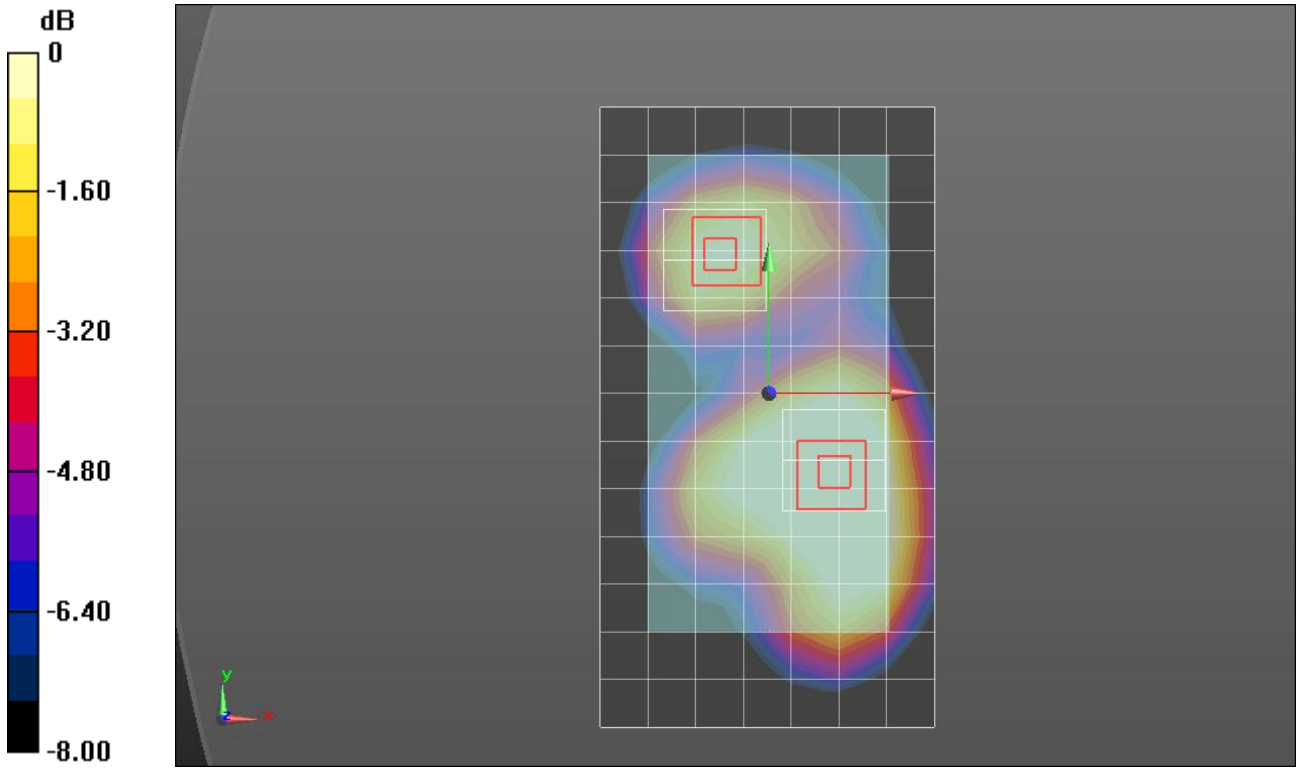
Maximum value of SAR (measured) = 0.734 W/kg

Rear/1xRTT_RC3 SO32_ch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.351 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 0.754 W/kg

Rear/1xRTT_RC3 SO32_ch 600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.351 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

CDMA BC10

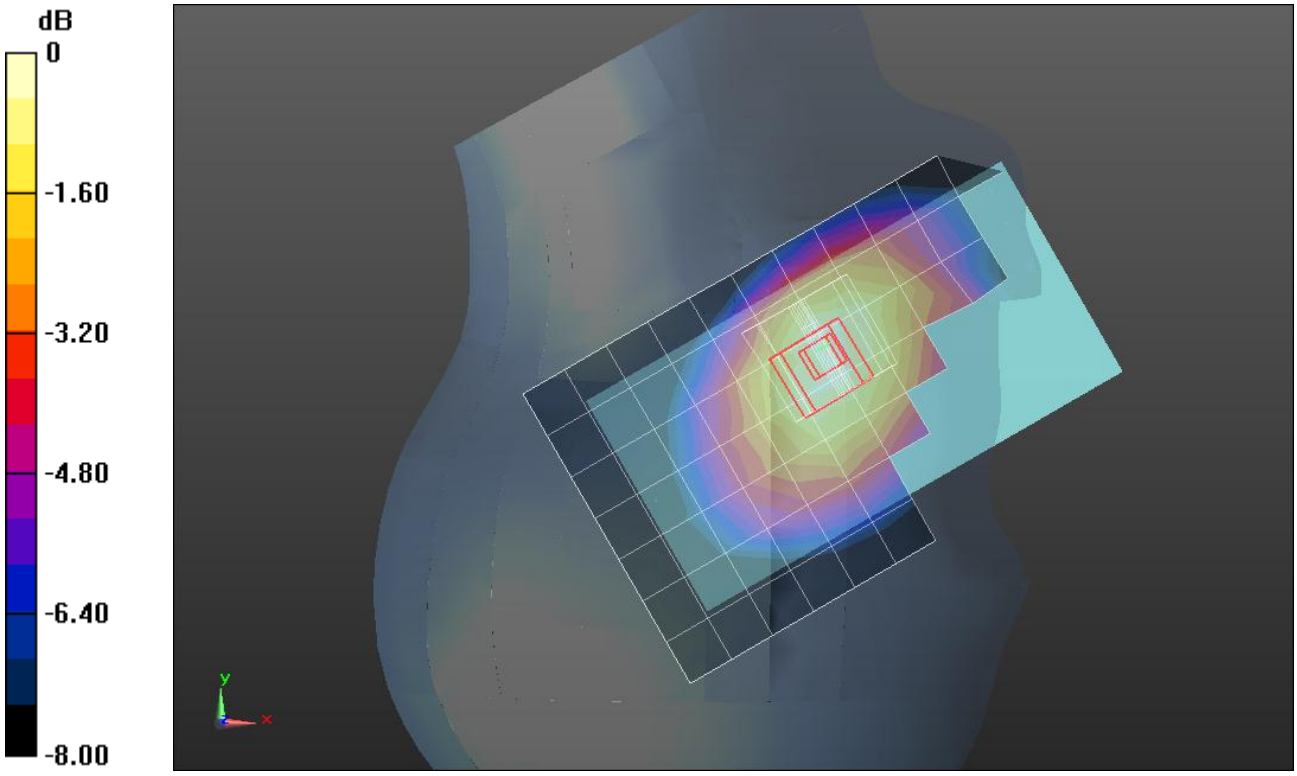
Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 0.879 S/m; ε_r = 40.863; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.73, 8.73, 8.73); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

RHS/Touch_1xEVDO_Rel 0_ch 580/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.625 W/kg

RHS/Touch_1xEVDO_Rel 0_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.459 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.735 W/kg
SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.427 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

CDMA BC10

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 = 1.006 S/m; ε_r = 52.699; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Probe: EX3DV4 - SN3885; ConvF(9.14, 9.14, 9.14); Calibrated: 9/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/1xRTT_RC3 SO32_ch 580/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.902 W/kg

Front/1xRTT_RC3 SO32_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.304 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.431 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

Front/1xRTT_RC3 SO32_ch 580/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.304 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.469 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.676 W/kg

0 dB = 0.676 W/kg = -1.70 dBW/kg

CDMA BC10

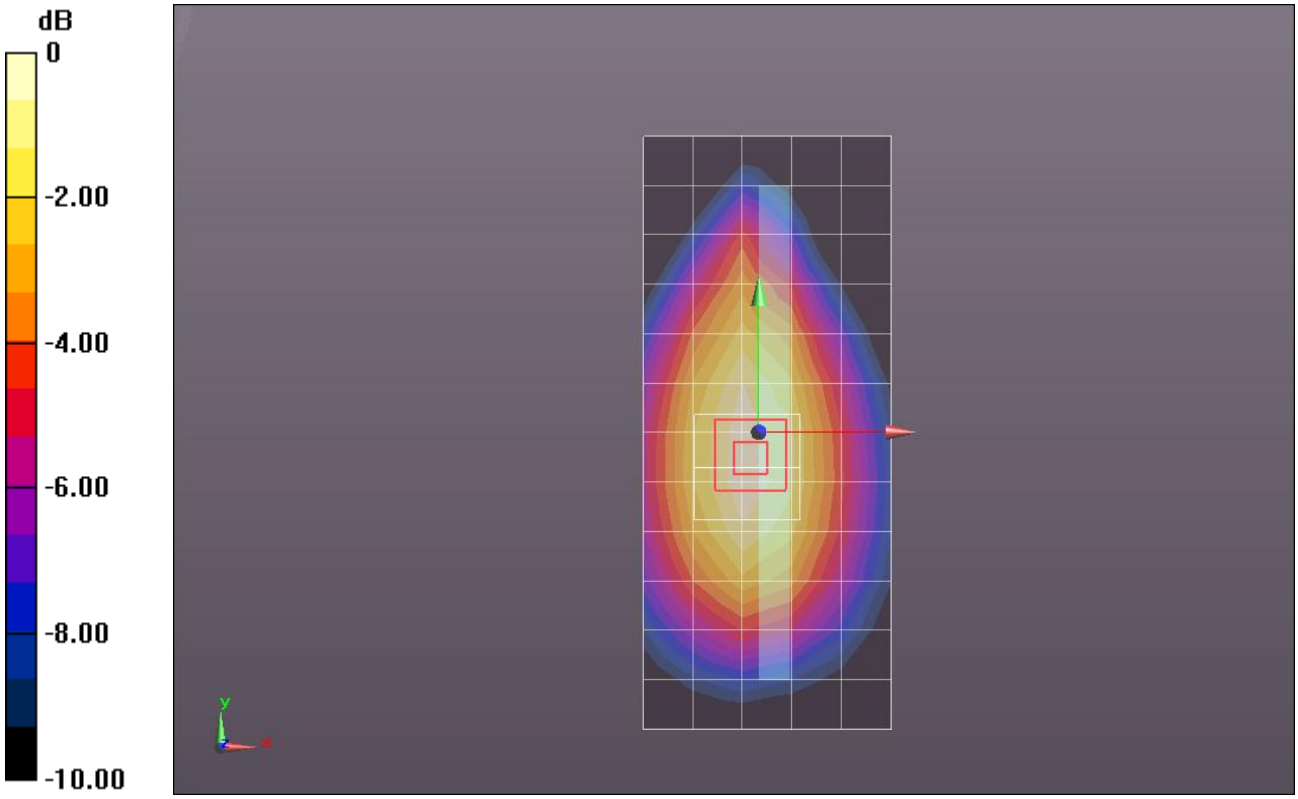
Frequency: 820.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 820.5 MHz; σ = 1.006 S/m; ε_r = 52.699; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Probe: EX3DV4 - SN3885; ConvF(9.14, 9.14, 9.14); Calibrated: 9/15/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 2/1xRTT_RC3 SO32_ch 580/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.621 W/kg

Edge 2/1xRTT_RC3 SO32_ch 580/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.304 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.739 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.387 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.635 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.498 S/m; ε_r = 50.923; 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 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 2/23/2015;
- 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

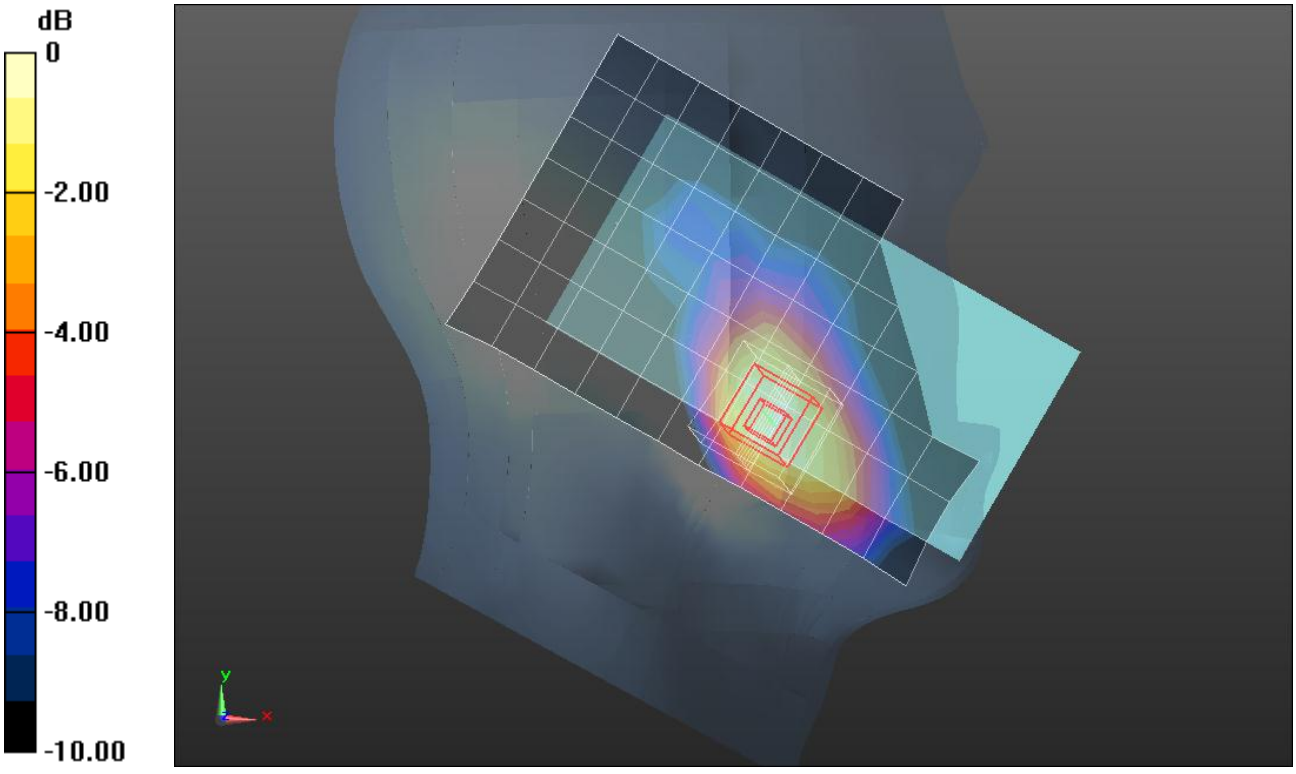
LHS/Touch_QPSK, Ch. 20175_RB 1/0/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

LHS/Touch_QPSK, Ch. 20175_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.733 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.609 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

LTE Band 4 (With Smart Cover)

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.498 S/m; ε_r = 50.923; 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 - SN3686; ConvF(7.28, 7.28, 7.28); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/QPSK, Ch. 20175_RB 1/0/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

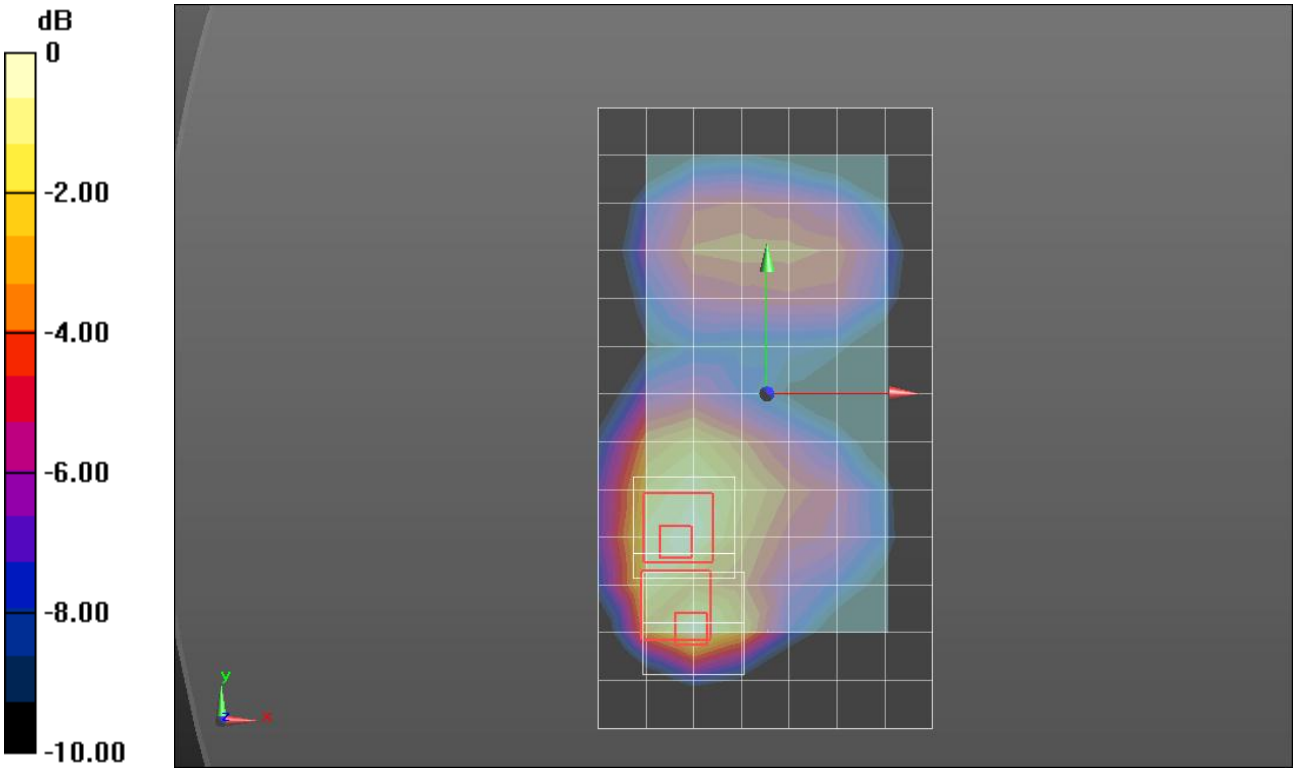
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.909 W/kg

Front/QPSK, Ch. 20175_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.851 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.332 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.894 W/kg

Front/QPSK, Ch. 20175_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.851 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.477 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.904 W/kg = -0.44 dBW/kg

LTE Band 12

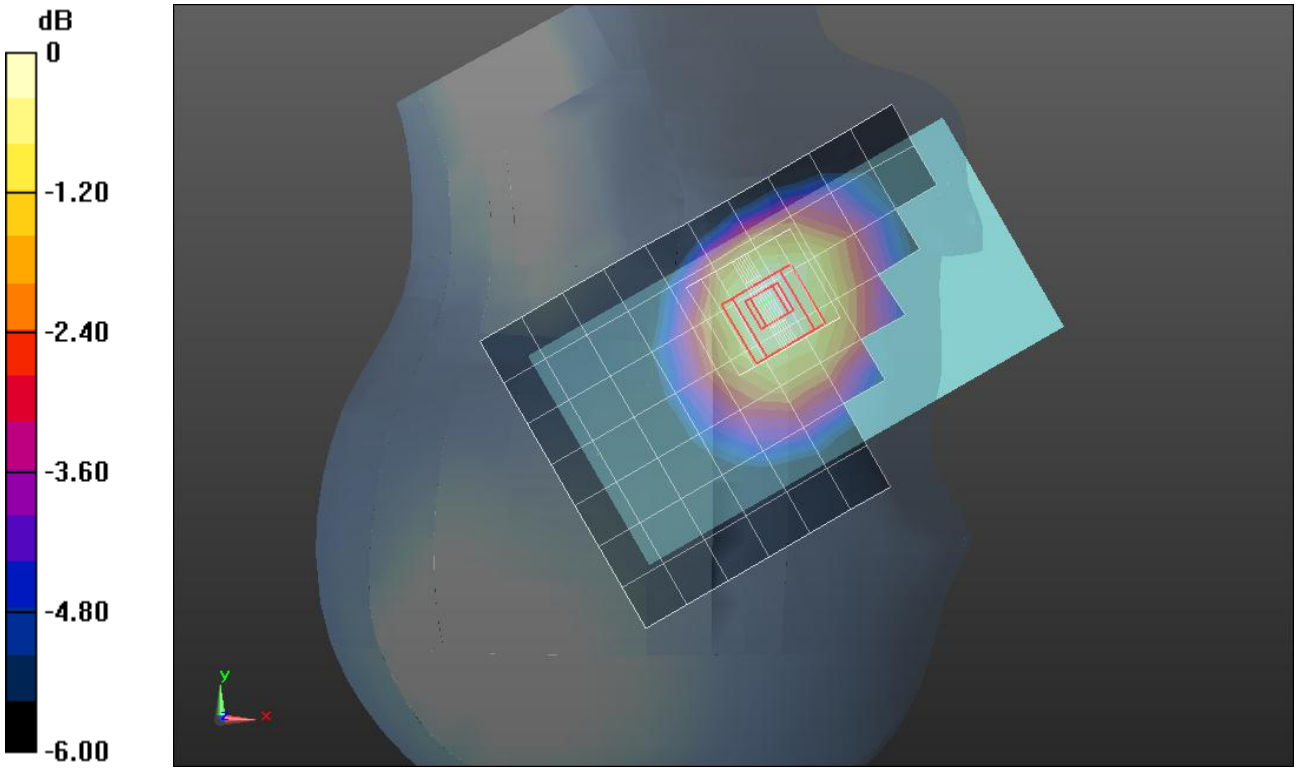
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.904 S/m; ε_r = 43.059; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(8.88, 8.88, 8.88); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

RHS/Touch_QPSK, Ch. 23095_RB 1/0/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.191 W/kg

RHS/Touch_QPSK, Ch. 23095_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.400 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.135 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.194 W/kg = -7.12 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.932 S/m; ε_r = 54.289; 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 - SN3686; ConvF(8.7, 8.7, 8.7); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

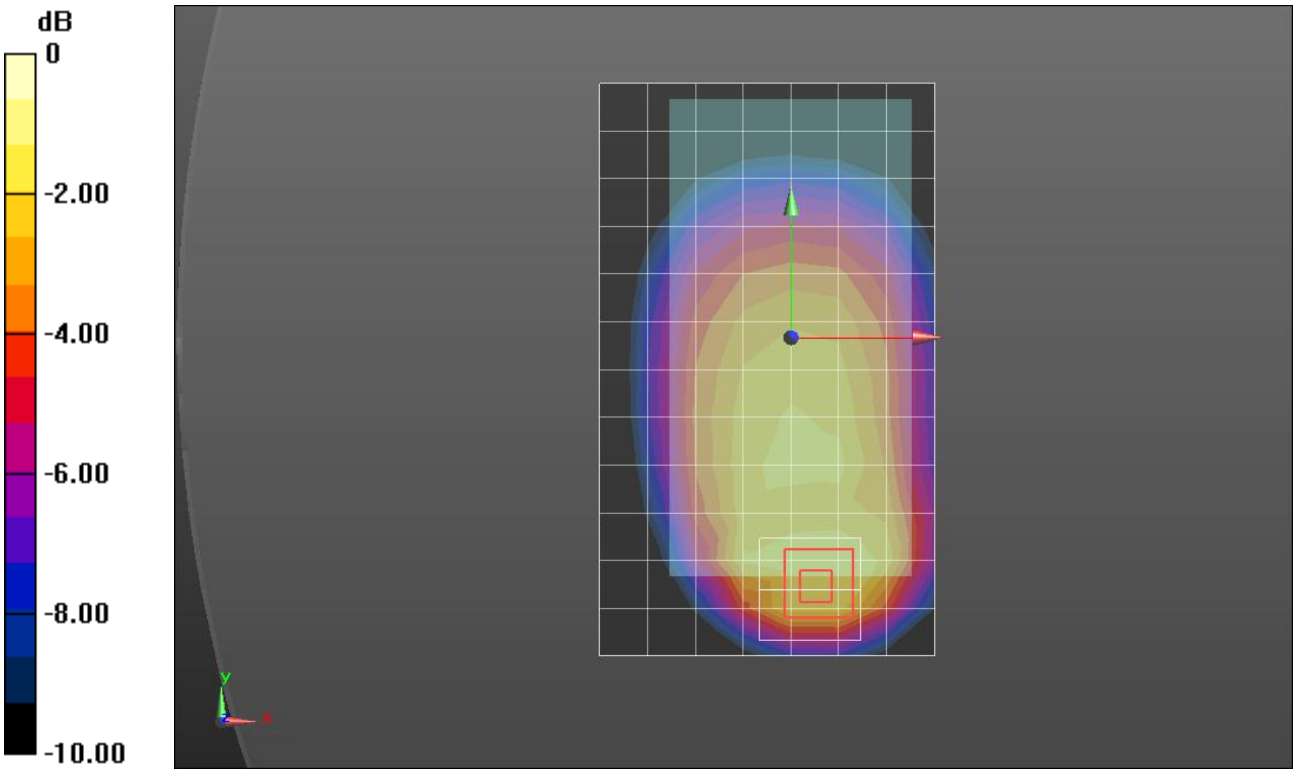
Front/QPSK, Ch. 23095_RB 1/0/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.271 W/kg

Front/QPSK, Ch. 23095_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.283 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.160 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

LTE Band 12 (With Smart Cover)

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.932 S/m; ε_r = 54.289; 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 - SN3686; ConvF(8.7, 8.7, 8.7); Calibrated: 2/23/2015;
- 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

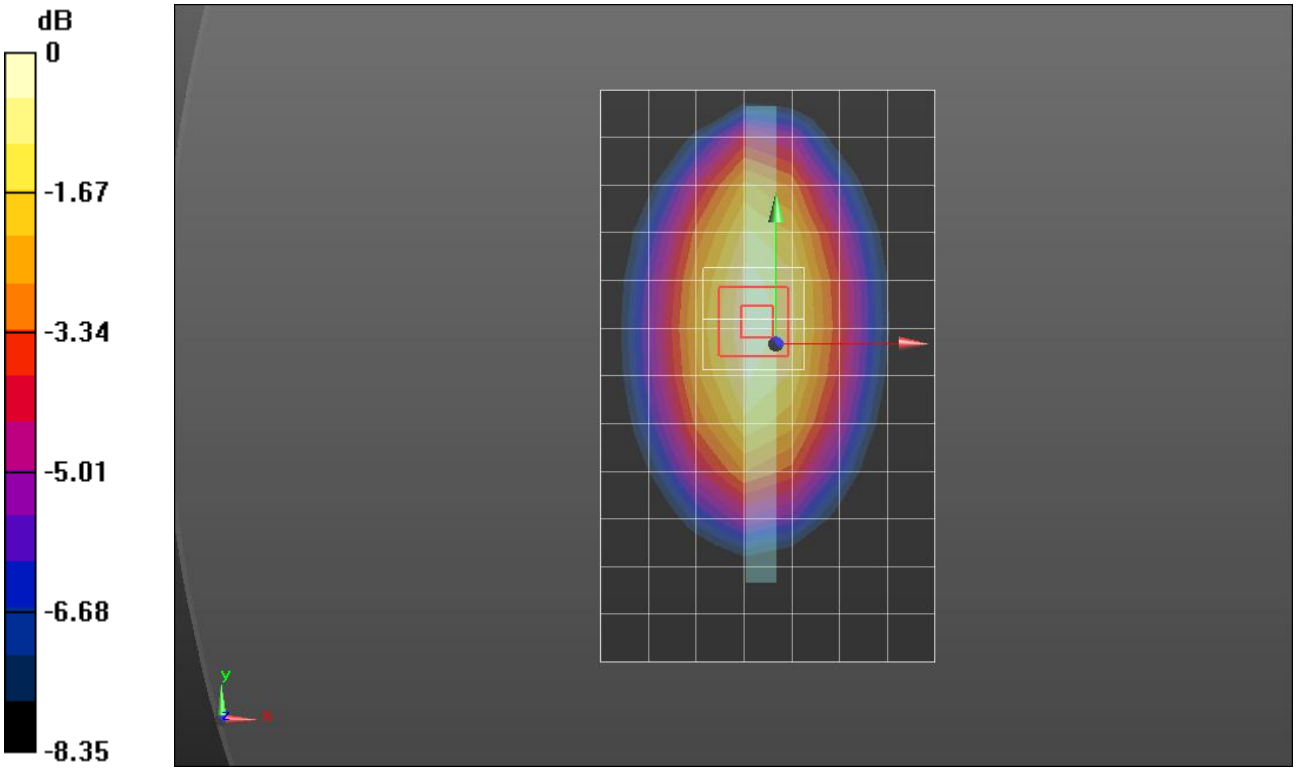
Edge 2/QPSK, Ch. 23095_RB 1/0/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.399 W/kg

Edge 2/QPSK, Ch. 23095_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.011 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.252 W/kg

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



0 dB = 0.407 W/kg = -3.90 dBW/kg

LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.549 S/m; ε_r = 52.201; 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 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

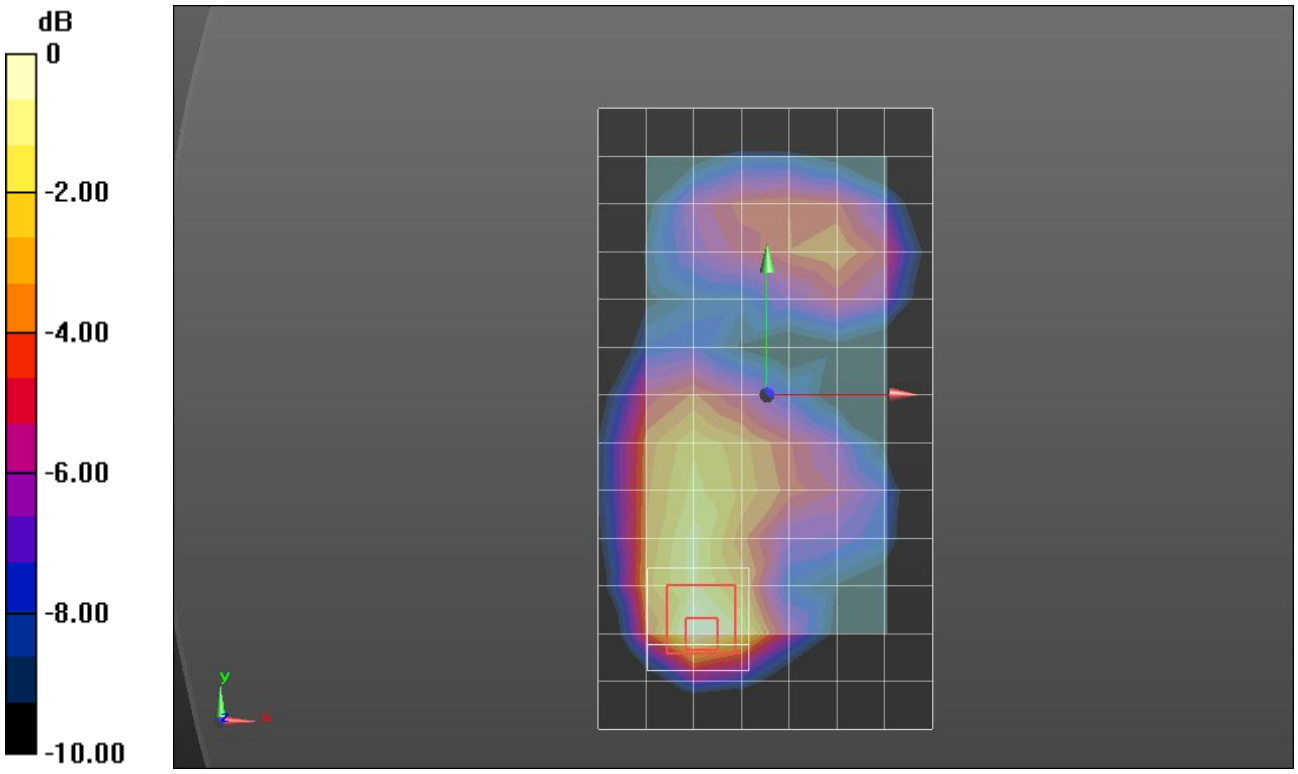
Front/QPSK, Ch. 26365_RB 1/0/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Front/QPSK, Ch. 26365_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.607 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.393 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg = -0.07 dBW/kg

LTE Band 25

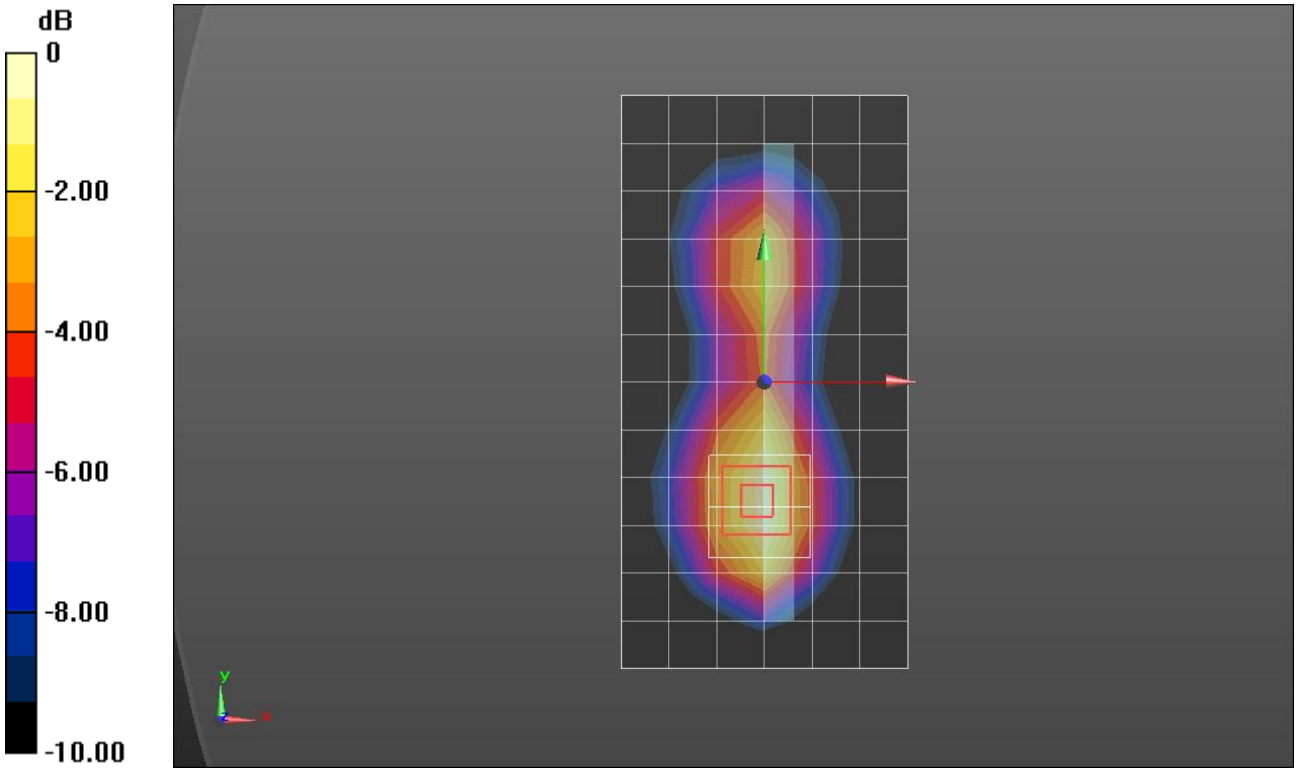
Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1905 MHz; σ = 1.562 S/m; ε_r = 51.824; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(7.1, 7.1, 7.1); Calibrated: 2/23/2015;
- 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: QDOVA002AA; Serial: 1248

Edge 4/QPSK, Ch. 26590 RB 1/0/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.973 W/kg

Edge 4/QPSK, Ch. 26590 RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.149 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

LTE Band 25 (With Smart Cover)

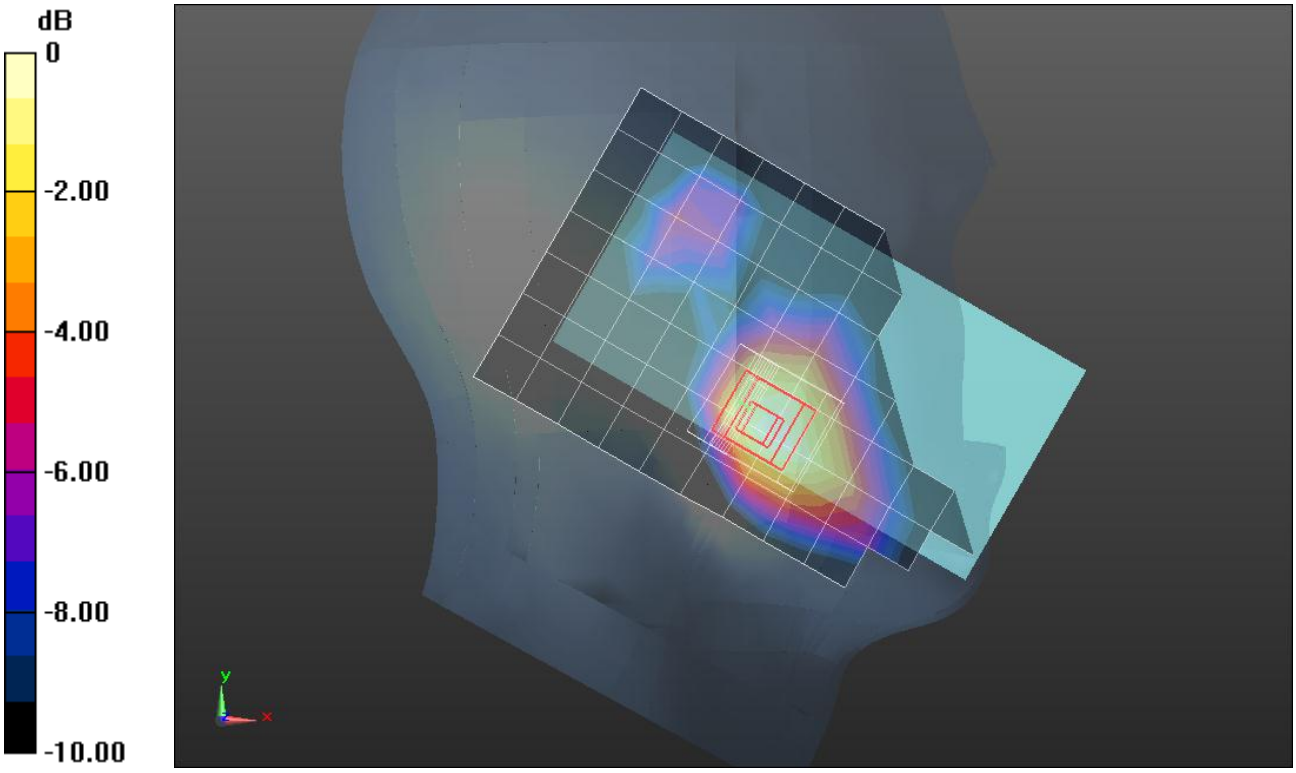
Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1860 MHz; σ = 1.356 S/m; ε_r = 38.356; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(7.46, 7.46, 7.46); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

LHS/Touch_QPSK, Ch. 26140_RB 1/0/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.32 W/kg

LHS/Touch_QPSK, Ch. 26140_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.545 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.683 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

LTE Band 26

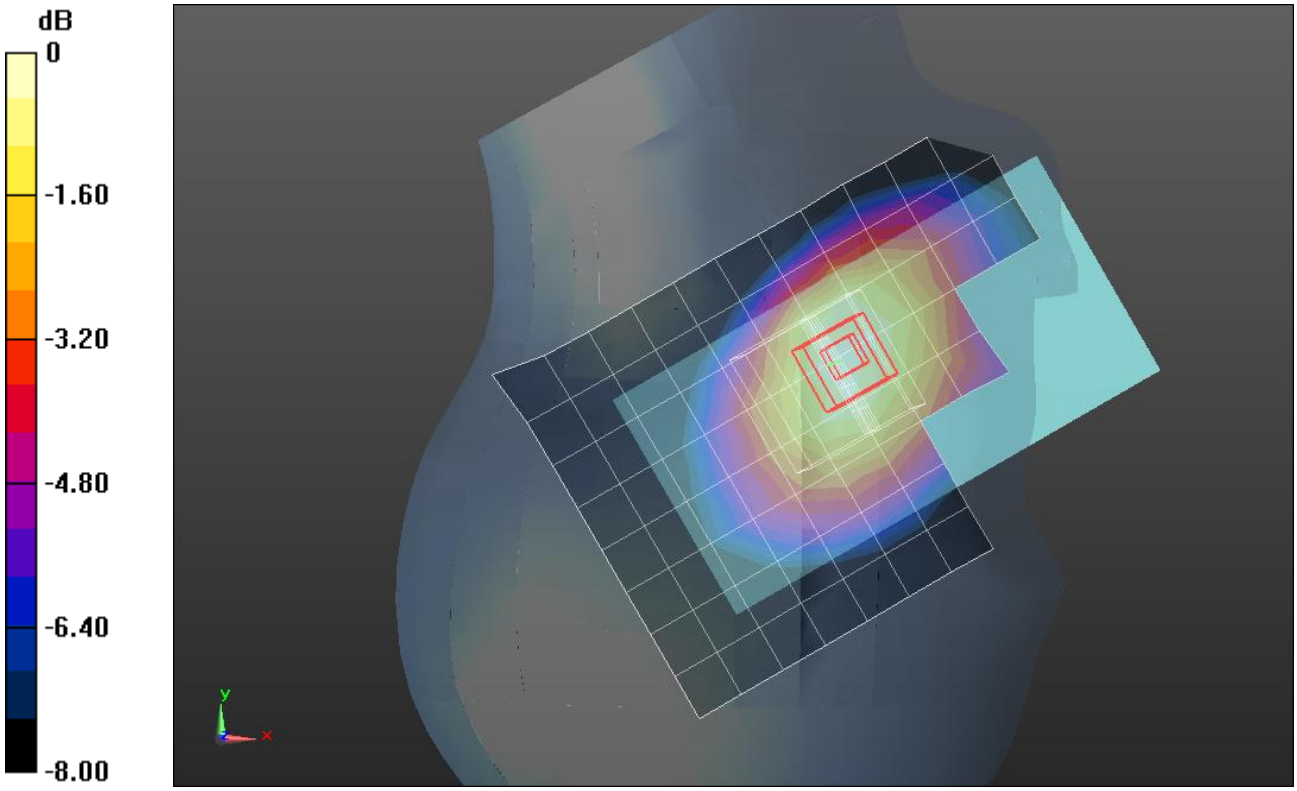
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.902 S/m; ε_r = 40.44; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE3 Sn500; Calibrated: 5/15/2014
- Probe: EX3DV4 - SN3751; ConvF(8.73, 8.73, 8.73); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

RHS/Touch_QPSK RB 1/0 ch 26865/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.461 W/kg

RHS/Touch_QPSK RB 1/0 ch 26865/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.201 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.309 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.457 W/kg



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

LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.994 S/m; ε_r = 53.037; 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 - SN3751; ConvF(8.47, 8.47, 8.47); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

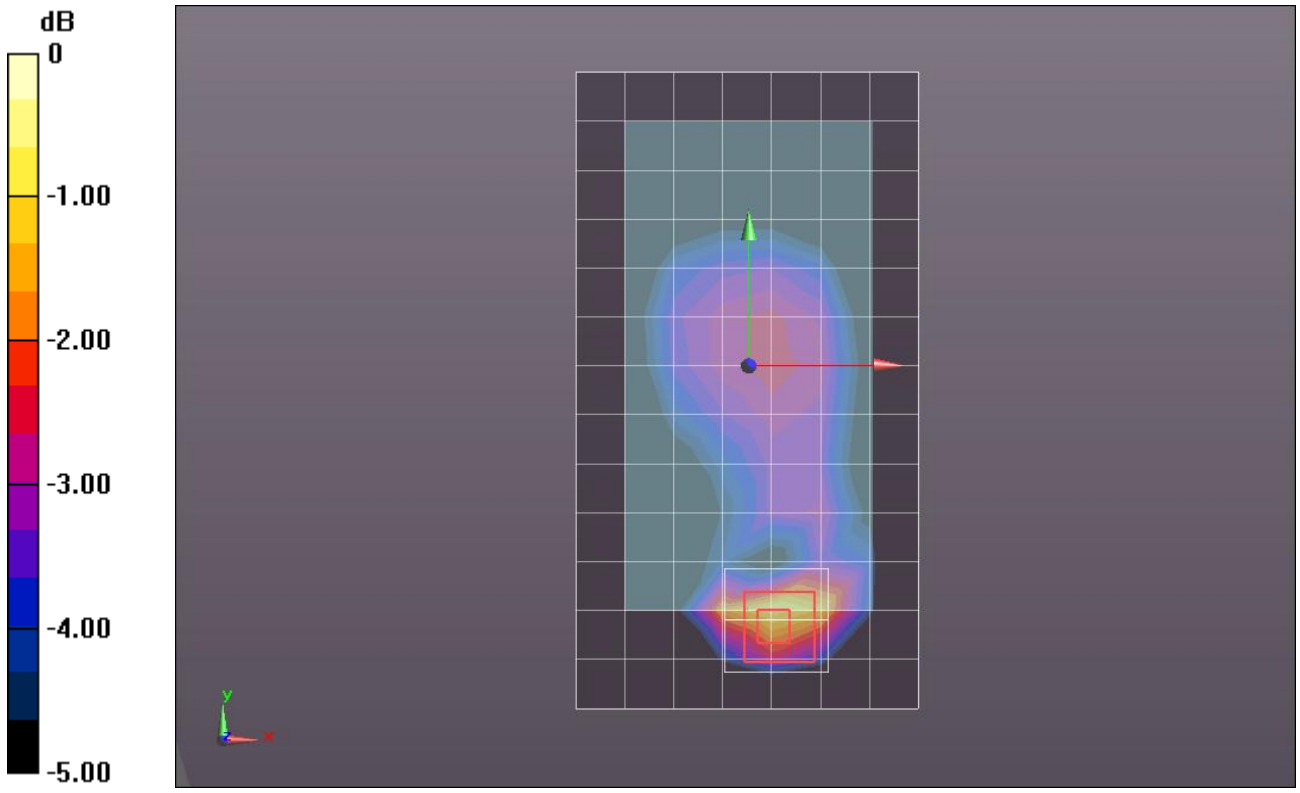
Front/QPSK, Ch. 26865_RB 1/0/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.620 W/kg

Front/QPSK, Ch. 26865_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.466 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.288 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.683 W/kg



0 dB = 0.683 W/kg = -1.66 dBW/kg

LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.994 S/m; ε_r = 53.037; 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 - SN3751; ConvF(8.47, 8.47, 8.47); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

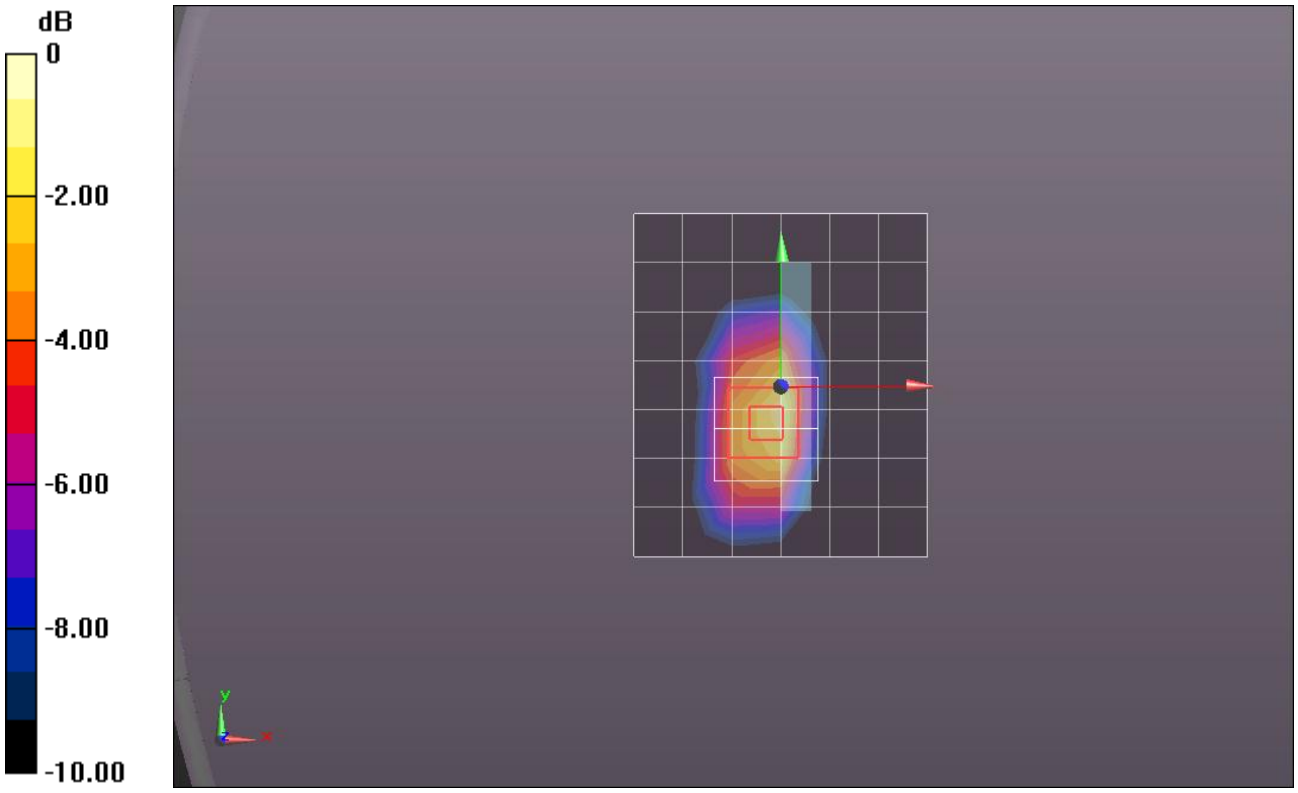
Edge 3/QPSK, Ch. 26865_RB 1/0/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.384 W/kg

Edge 3/QPSK, Ch. 26865_RB 1/0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.779 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.194 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.469 W/kg = -3.29 dBW/kg

LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 1.987 S/m; ε_r = 39.543; 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 - SN3751; ConvF(6.37, 6.37, 6.37); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000PCD; Serial: 1632

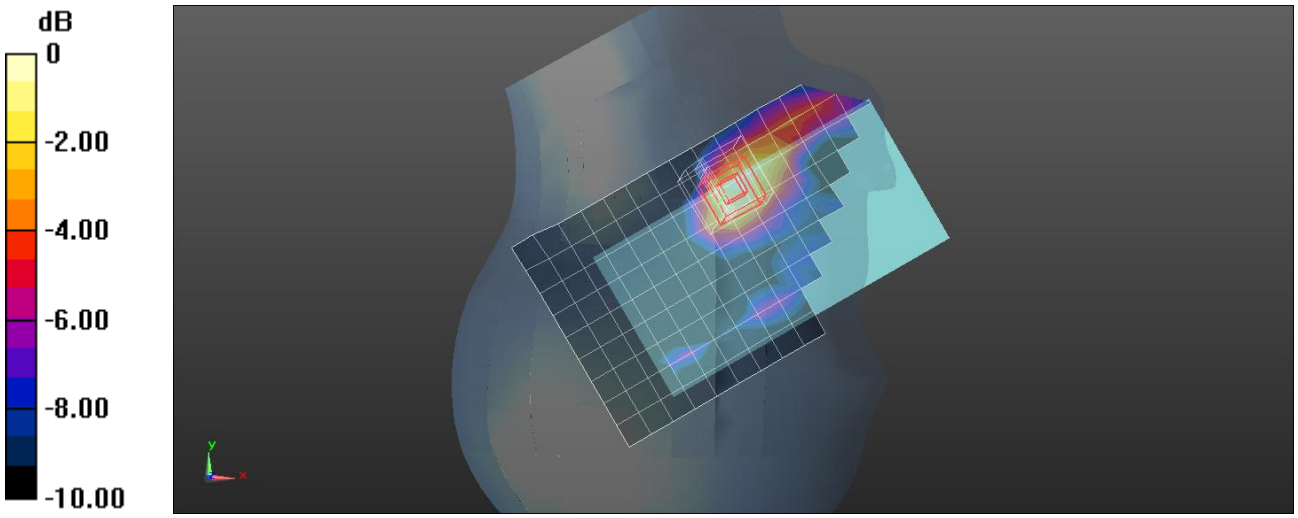
RHS/Touch_QPSK_ch 40620 RB 1/0/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0445 W/kg

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

Reference Value = 4.717 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0660 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0442 W/kg



0 dB = 0.0442 W/kg = -13.55 dBW/kg

LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.205 S/m; ε_r = 50.488; 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 - SN3751; ConvF(6.28, 6.28, 6.28); Calibrated: 11/14/2014;
- 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: 1118

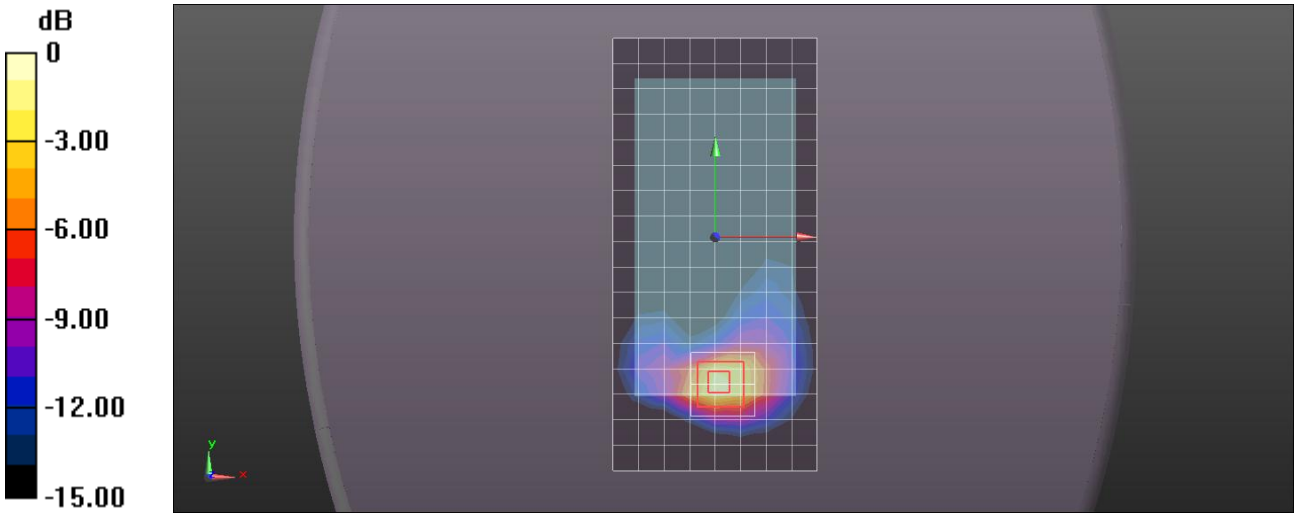
Rear/QPSK, Ch. 40620 RB 1/0/Area Scan (9x18x1): Measurement grid: dx=12mm, dy=12mm

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

Rear/QPSK, Ch. 40620 RB 1/0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.690 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.342 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.205 S/m; ε_r = 50.488; 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 - SN3751; ConvF(6.28, 6.28, 6.28); Calibrated: 11/14/2014;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

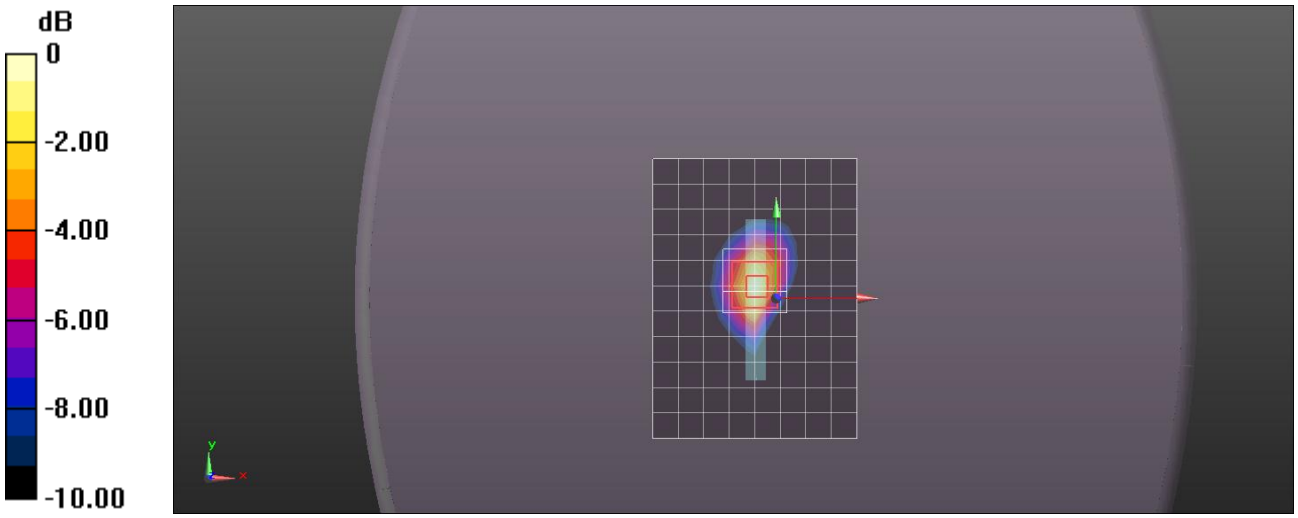
Edge 3/QPSK_ch 40620 RB 1/0/Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.945 W/kg

Edge 3/QPSK_ch 40620 RB 1/0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.910 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.298 W/kg

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



0 dB = 0.937 W/kg = -0.28 dBW/kg

Wi-Fi 2.4 GHz

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 = 1.829 S/m; ε_r = 41.027; 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 - SN3686; ConvF(6.82, 6.82, 6.82); Calibrated: 2/23/2015;
- 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

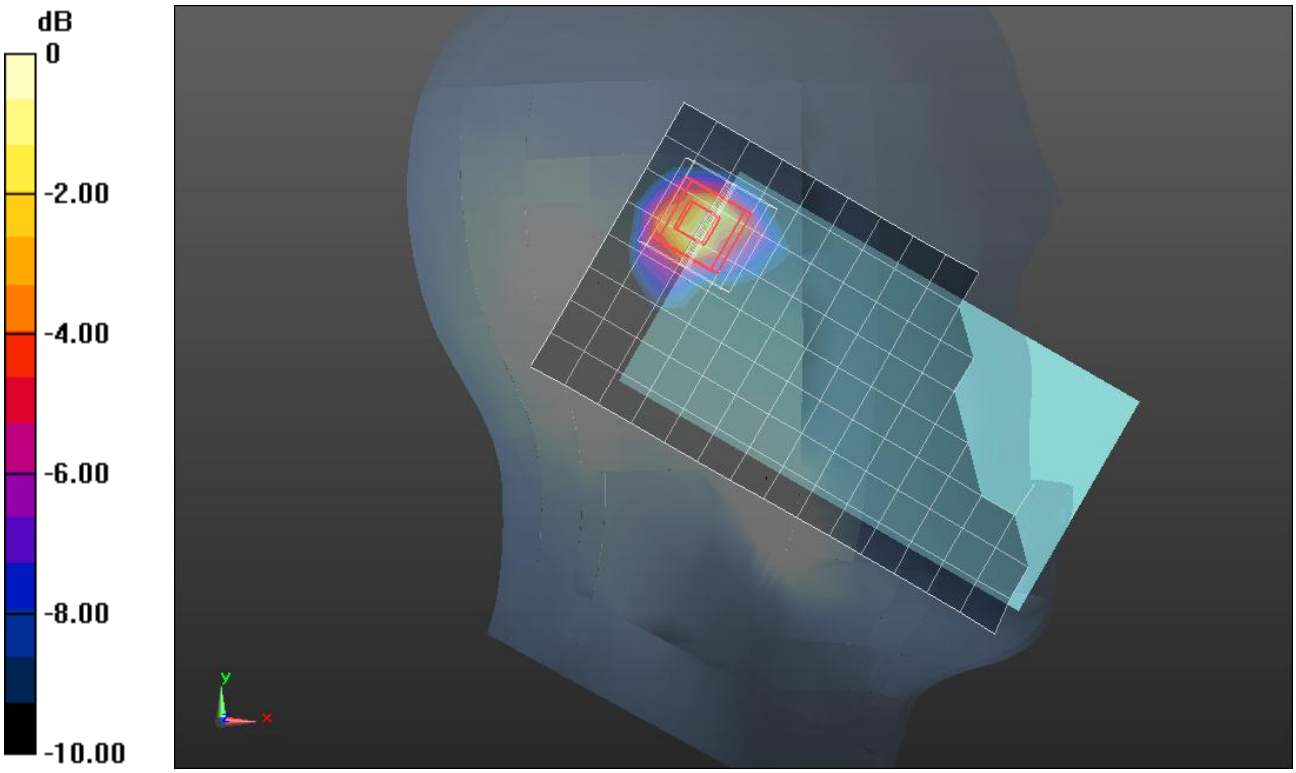
LHS/Tilt_802.11b_ch 6/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.442 W/kg

LHS/Tilt_802.11b_ch 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.750 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.149 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Wi-Fi 2.4GHz (With Smart Cover)

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 = 1.97 S/m; ε_r = 50.593; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(6.84, 6.84, 6.84); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

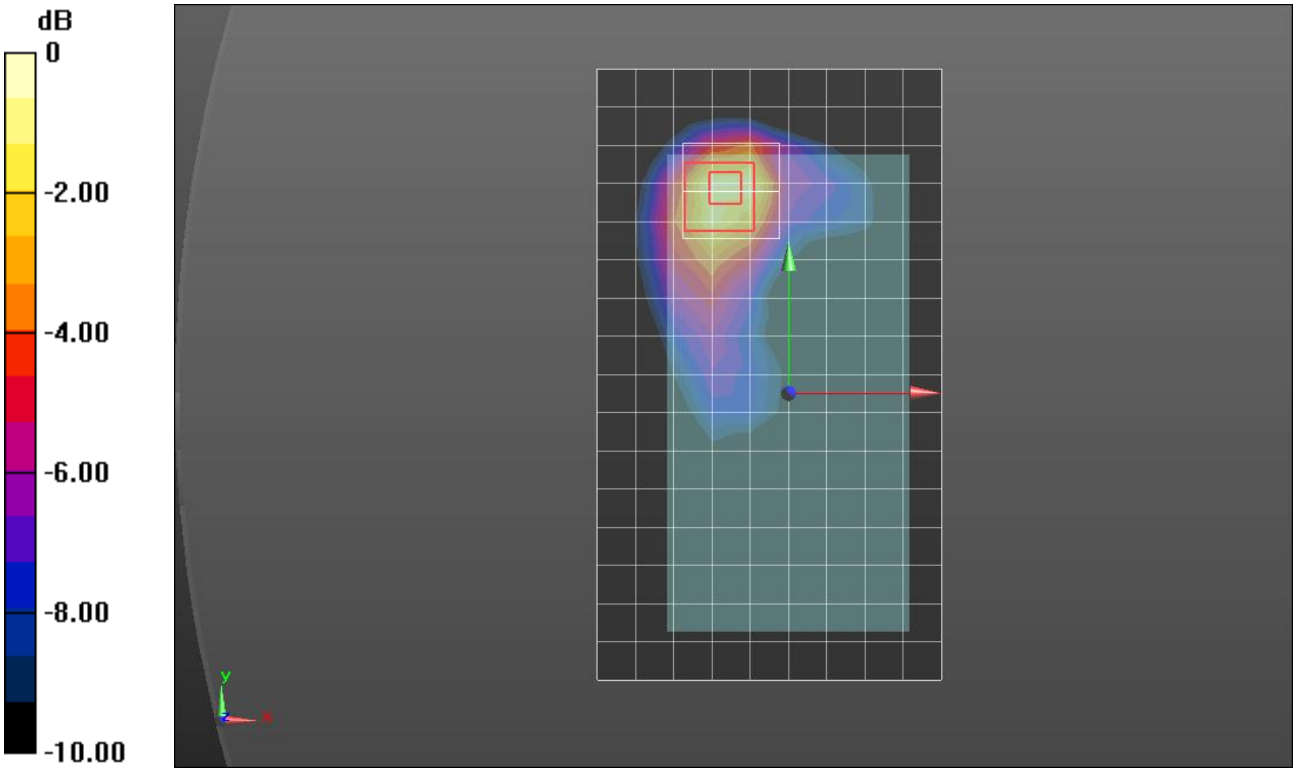
Rear/802.11b_ch 6/Area Scan (17x10x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.232 W/kg

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

Reference Value = 10.962 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.093 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg = -5.83 dBW/kg

Wi-Fi 5GHz

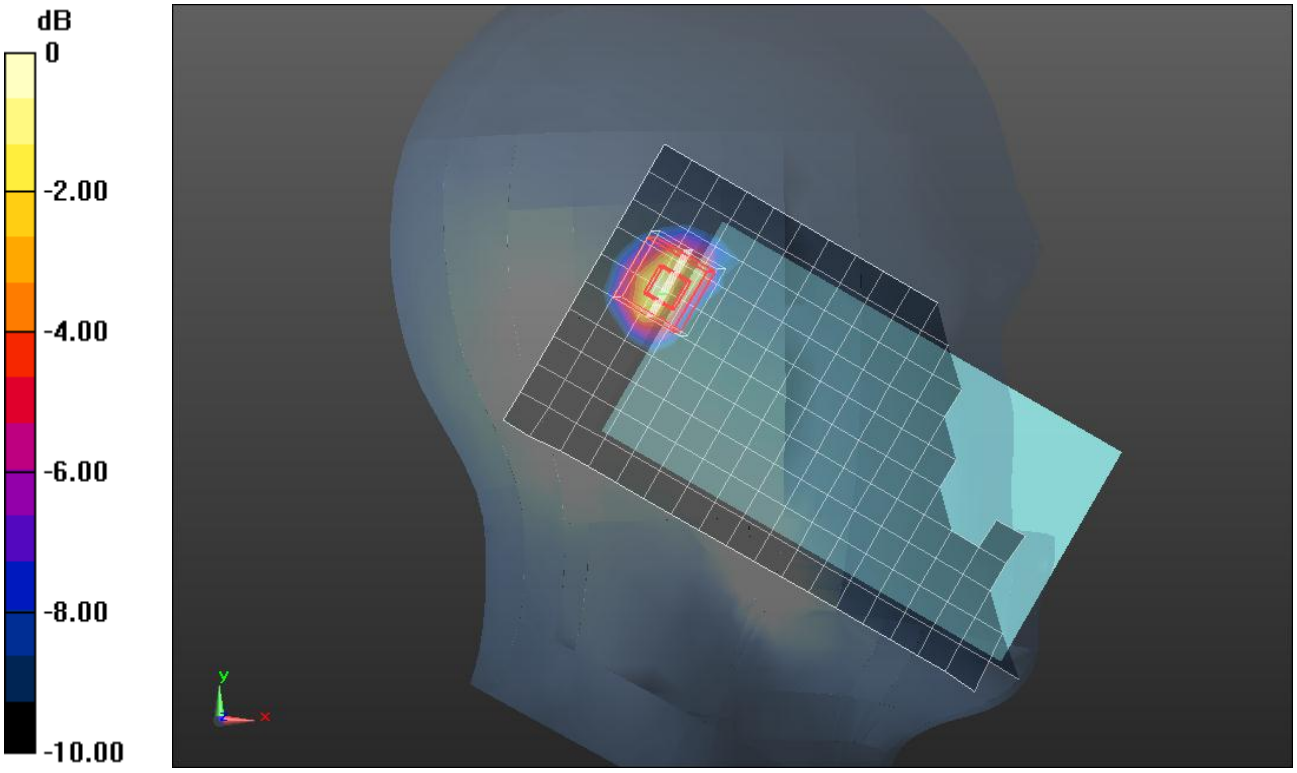
Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5320 MHz; σ = 4.727 S/m; ε_r = 35.727; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(4.58, 4.58, 4.58); Calibrated: 2/23/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

LHS/Tilt_802.11a_Ch 64/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.990 W/kg

LHS/Tilt_802.11a_Ch 64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.454 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



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

Wi-Fi 5GHz (With Smart Cover)

Frequency: 5320 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5320 MHz; σ = 5.58 S/m; ε_r = 47.416; 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 - SN3686; ConvF(4, 4, 4); Calibrated: 2/23/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

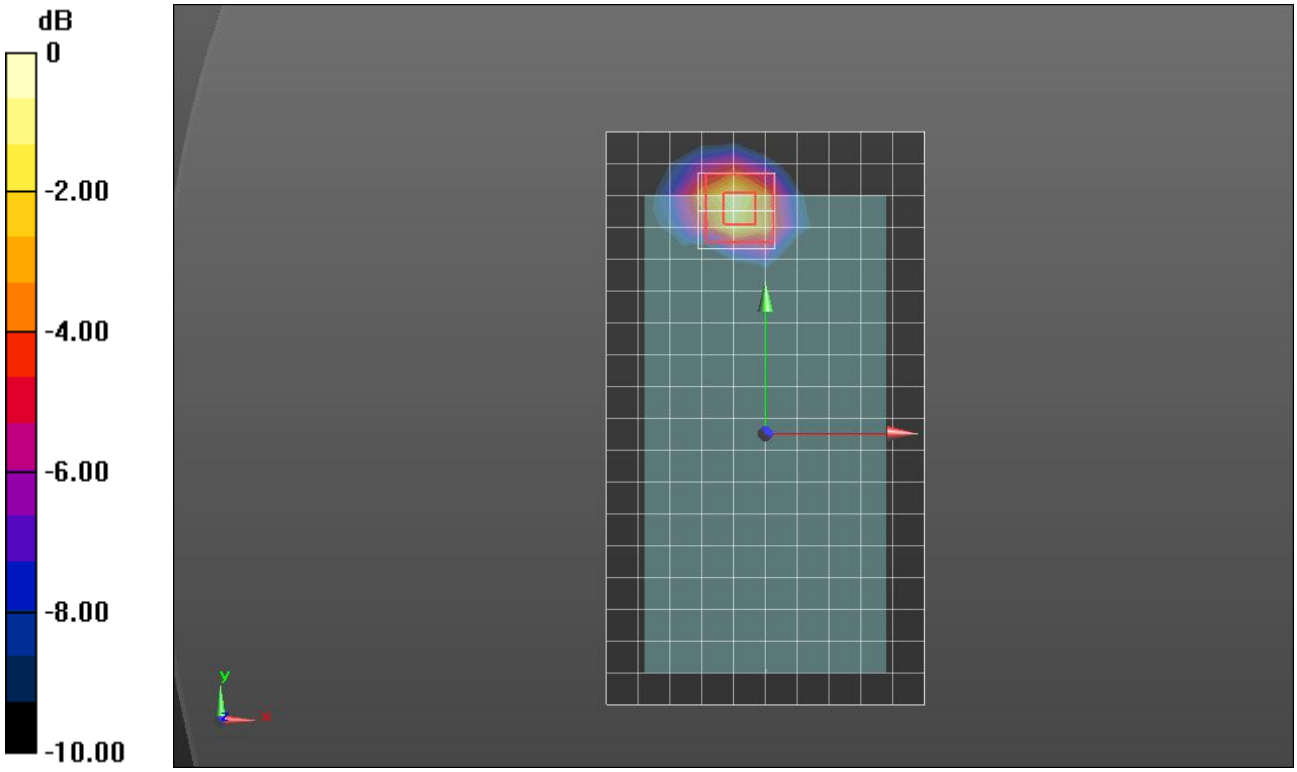
Rear/802.11a_Ch 64/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.572 W/kg

Rear/802.11a_Ch 64/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.747 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.64 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

Wi-Fi 5GHz

Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5580 MHz; σ = 4.933 S/m; ε_r = 35.15; 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 - SN3686; ConvF(4.06, 4.06, 4.06); Calibrated: 2/23/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

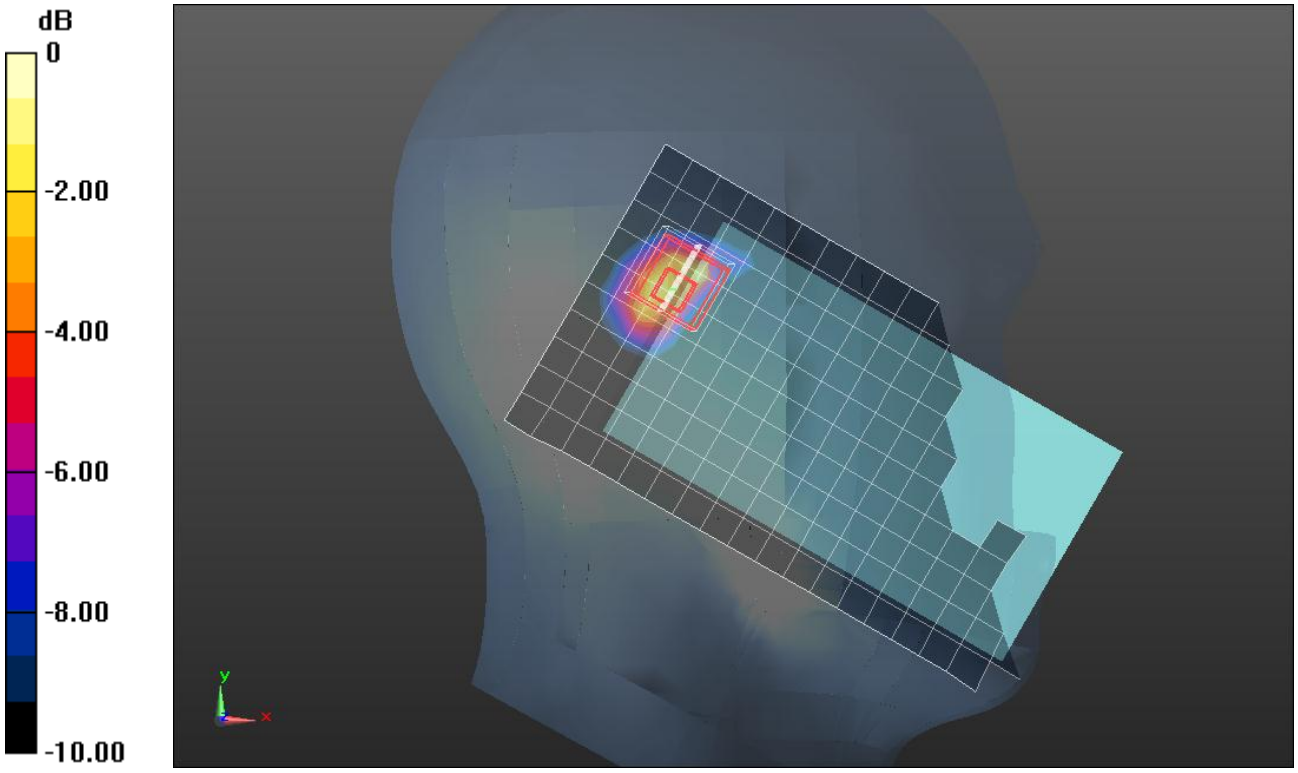
LHS/Tilt_802.11a_Ch 116/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.893 W/kg

LHS/Tilt_802.11a_Ch 116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.390 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



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

Wi-Fi 5GHz

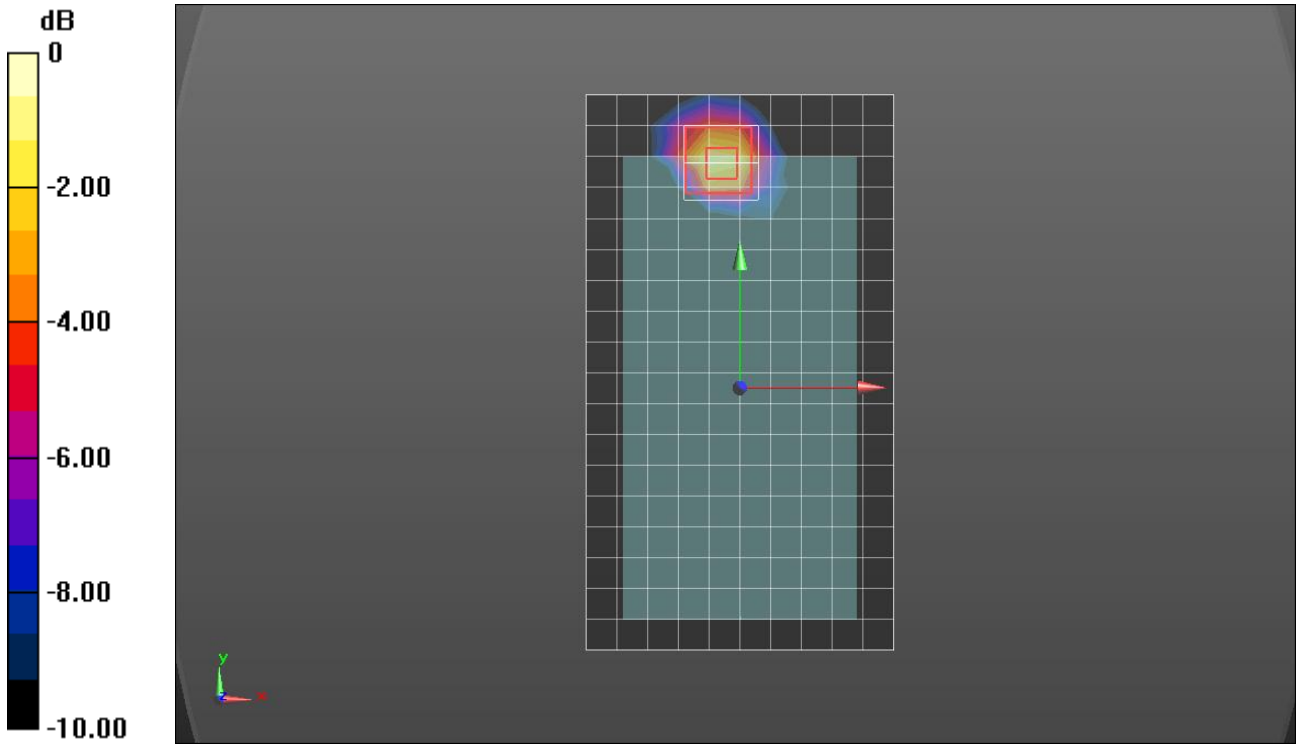
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5580 MHz; σ = 5.931 S/m; ε_r = 47.148; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(3.45, 3.45, 3.45); Calibrated: 2/23/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

Rear/802.11a_Ch 116/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.393 W/kg

Rear/802.11a_Ch 116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.050 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

Wi-Fi 5GHz

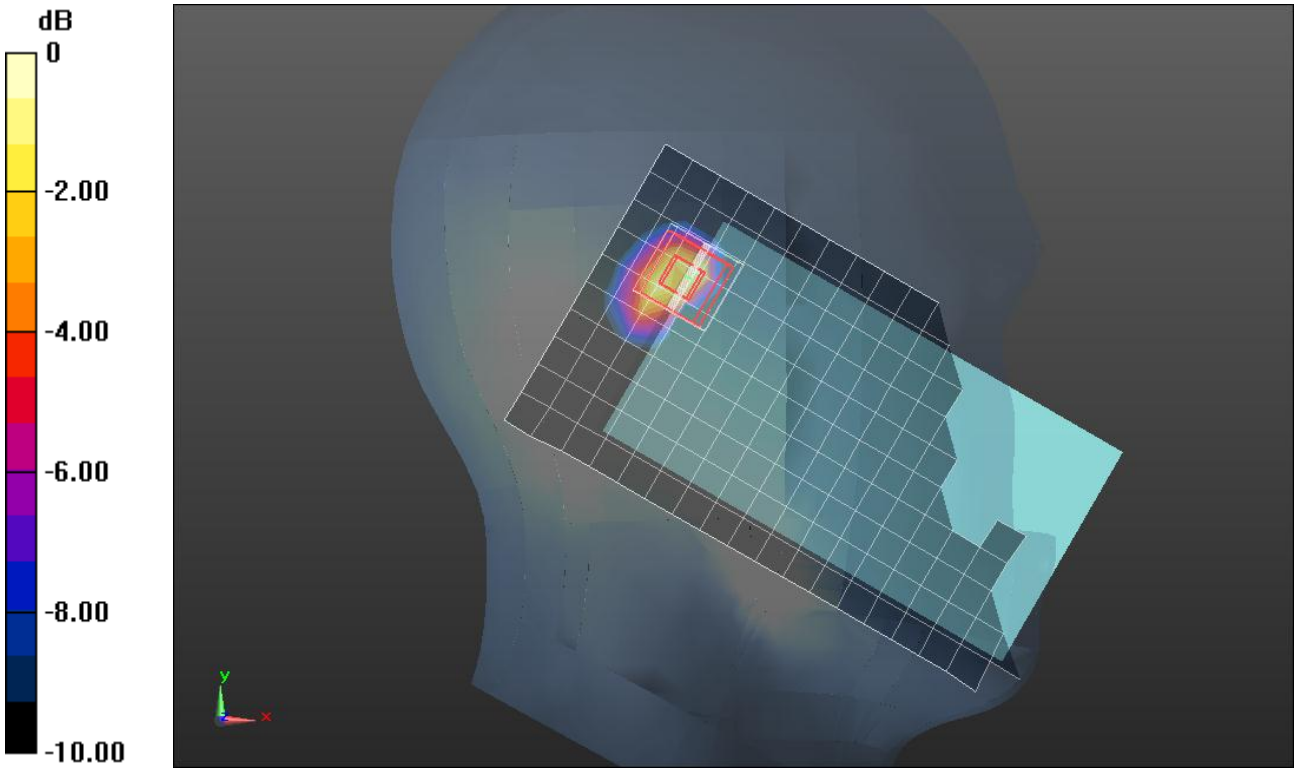
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5825 MHz; σ = 5.244 S/m; ε_r = 34.874; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/14/2014
- Probe: EX3DV4 - SN3686; ConvF(4.11, 4.11, 4.11); Calibrated: 2/23/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM A; Type: SAM; Serial: 1831

LHS/Tilt_802.11a_Ch 165/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.642 W/kg

LHS/Tilt_802.11a_Ch 165/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.635 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

Wi-Fi 5GHz (With Smart Cover)

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5785 MHz; σ = 6.212 S/m; ε_r = 46.695; 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 - SN3686; ConvF(3.71, 3.71, 3.71); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI A; Type: QDOVA002AA; Serial: 1258

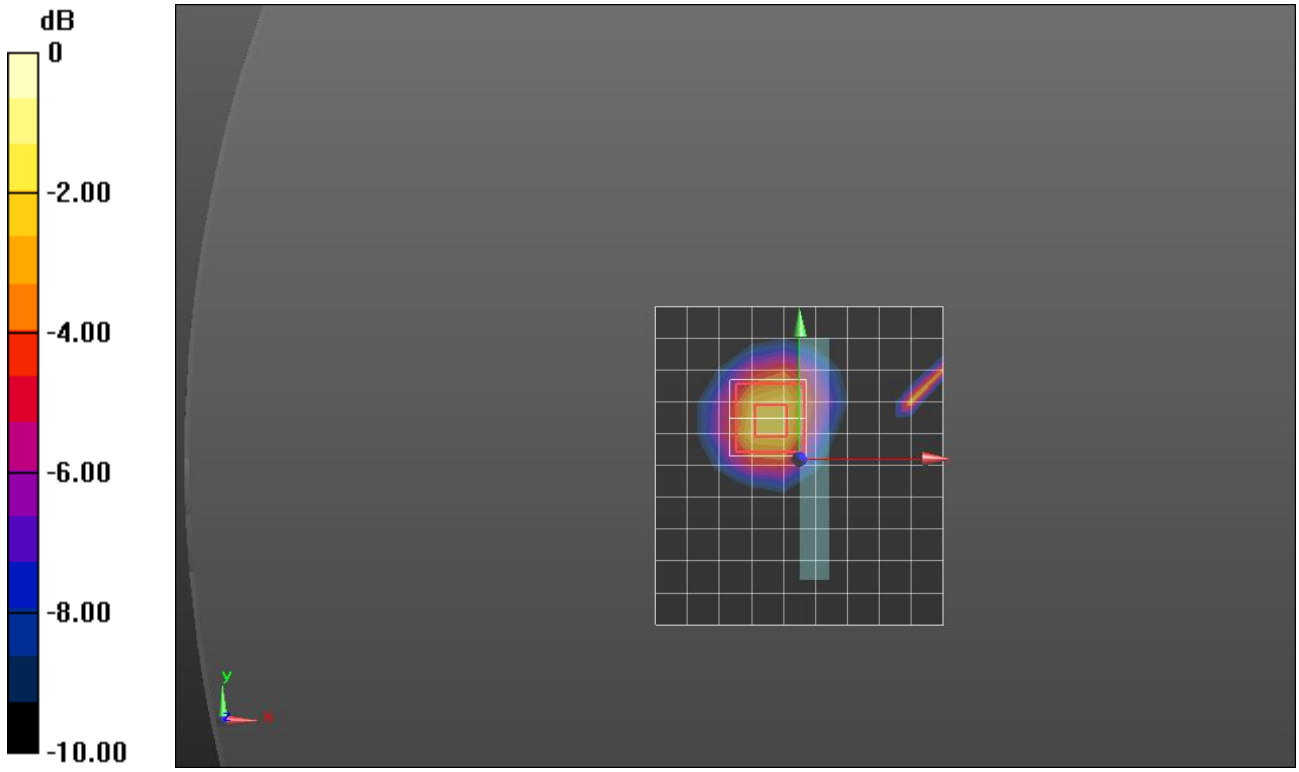
Edge 1/802.11a_Ch 157/Area Scan (10x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.405 W/kg

Edge 1/802.11a_Ch 157/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.619 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg = -2.54 dBW/kg