GSM850 3 slots

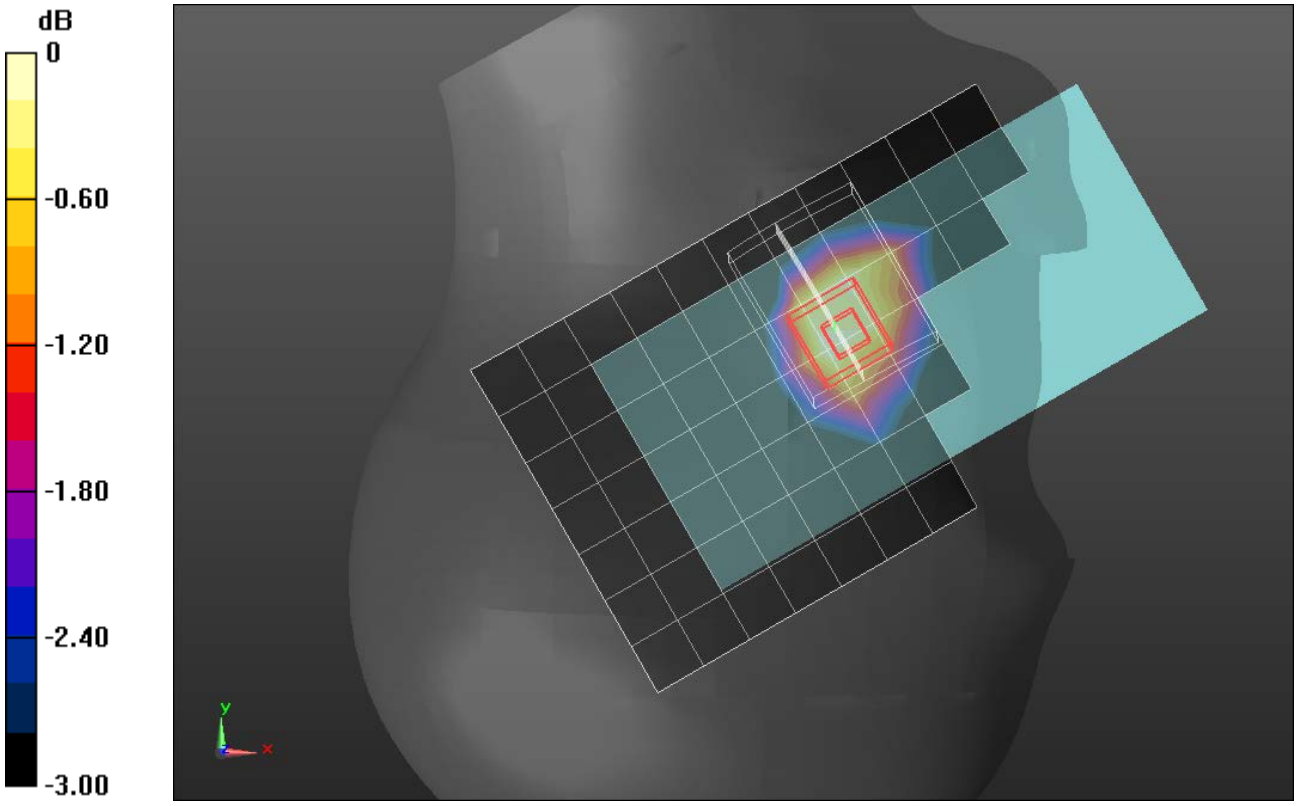
Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.939 S/m; ε_r = 40.268; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.49, 10.49, 10.49) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/Touch_GPRS 3 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) = 0.0127 W/kg

RHS/Touch_GPRS 3 slots_ch 190/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.575 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00805 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0127 W/kg



0 dB = 0.0127 W/kg = -18.96 dBW/kg

GSM850 3 slots

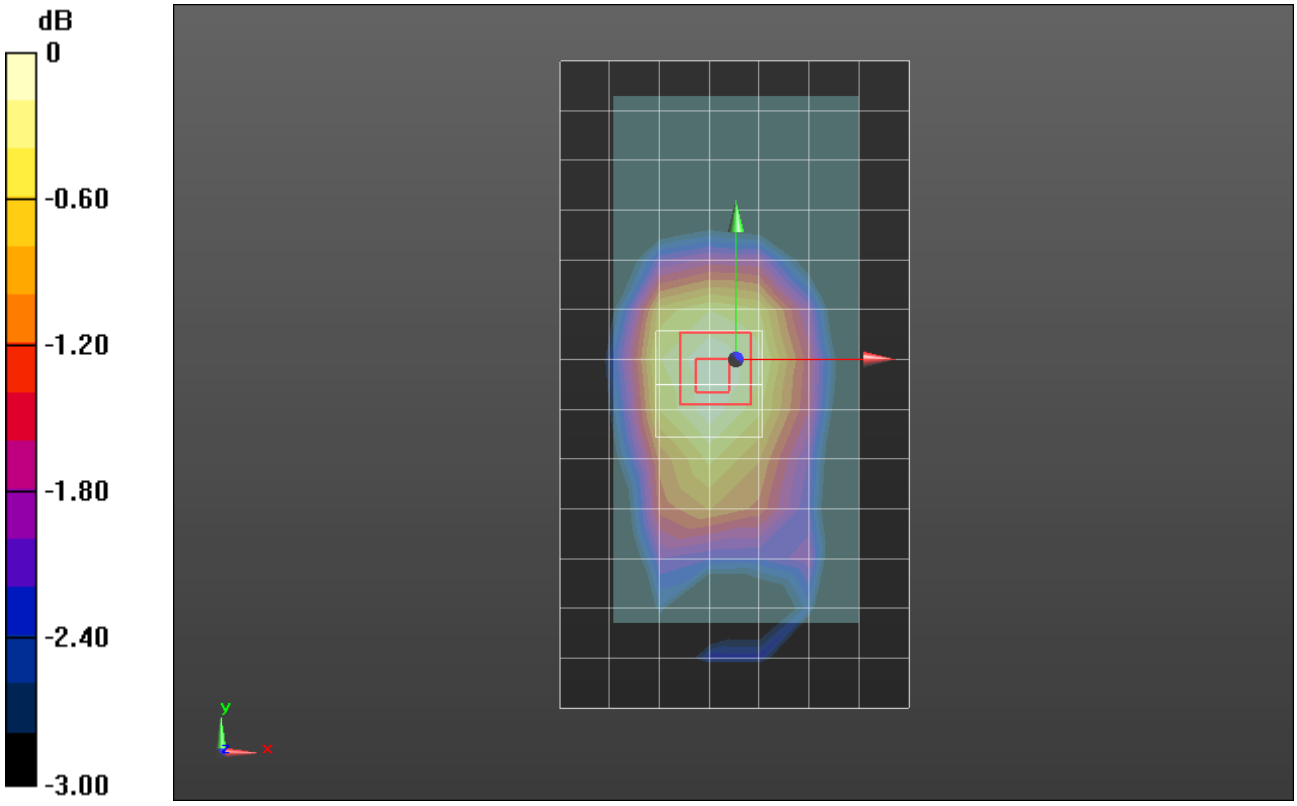
Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.008 S/m; ε_r = 53.317; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/GPRS 3 slots_ch 190 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0289 W/kg

Rear/GPRS 3 slots_ch 190 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.068 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0340 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.017 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0291 W/kg



0 dB = 0.0291 W/kg = -15.36 dBW/kg

GSM850 3 slots

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.008 S/m; ε_r = 53.317; 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 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/GPRS 3 slots_ch 190 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

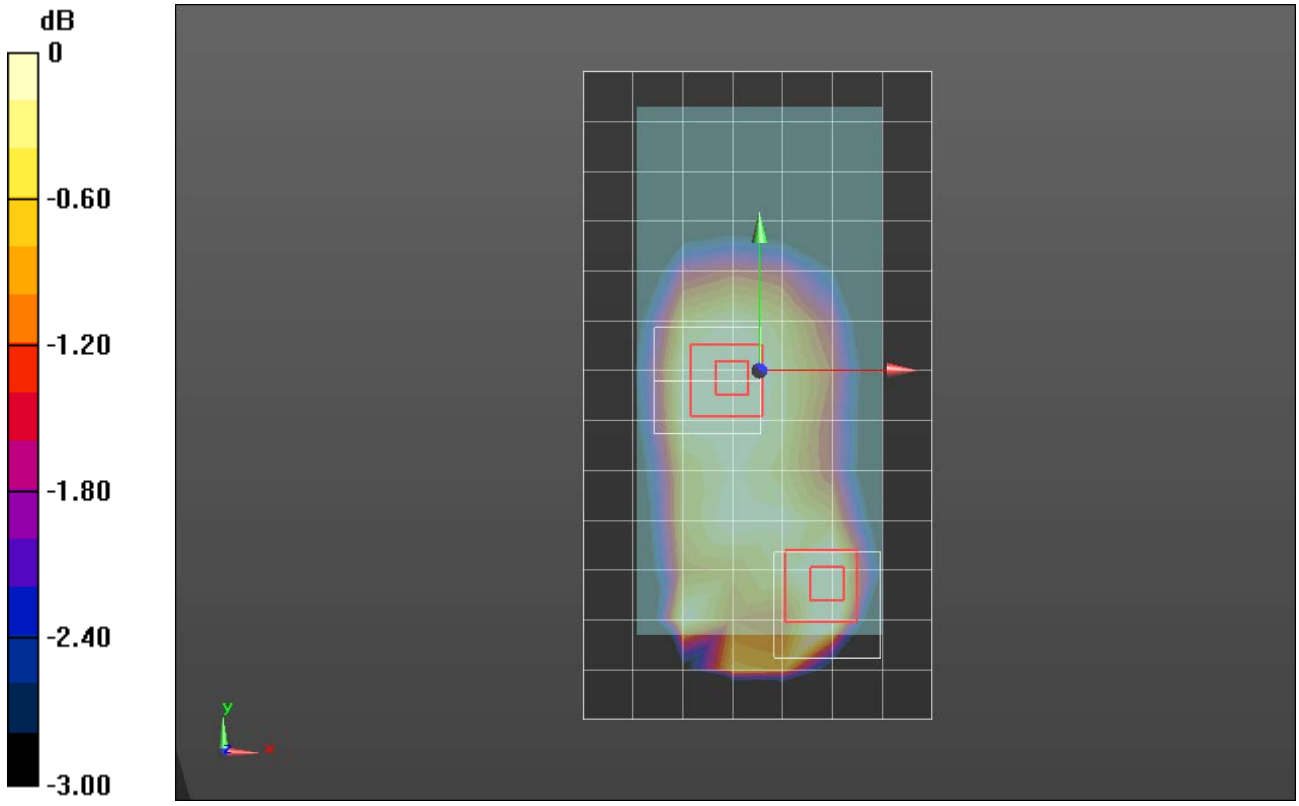
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0410 W/kg

Rear/GPRS 3 slots_ch 190 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.673 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.018 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0462 W/kg

Rear/GPRS 3 slots_ch 190 10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.673 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.021 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0363 W/kg



0 dB = 0.0363 W/kg = -14.40 dBW/kg

GSM1900

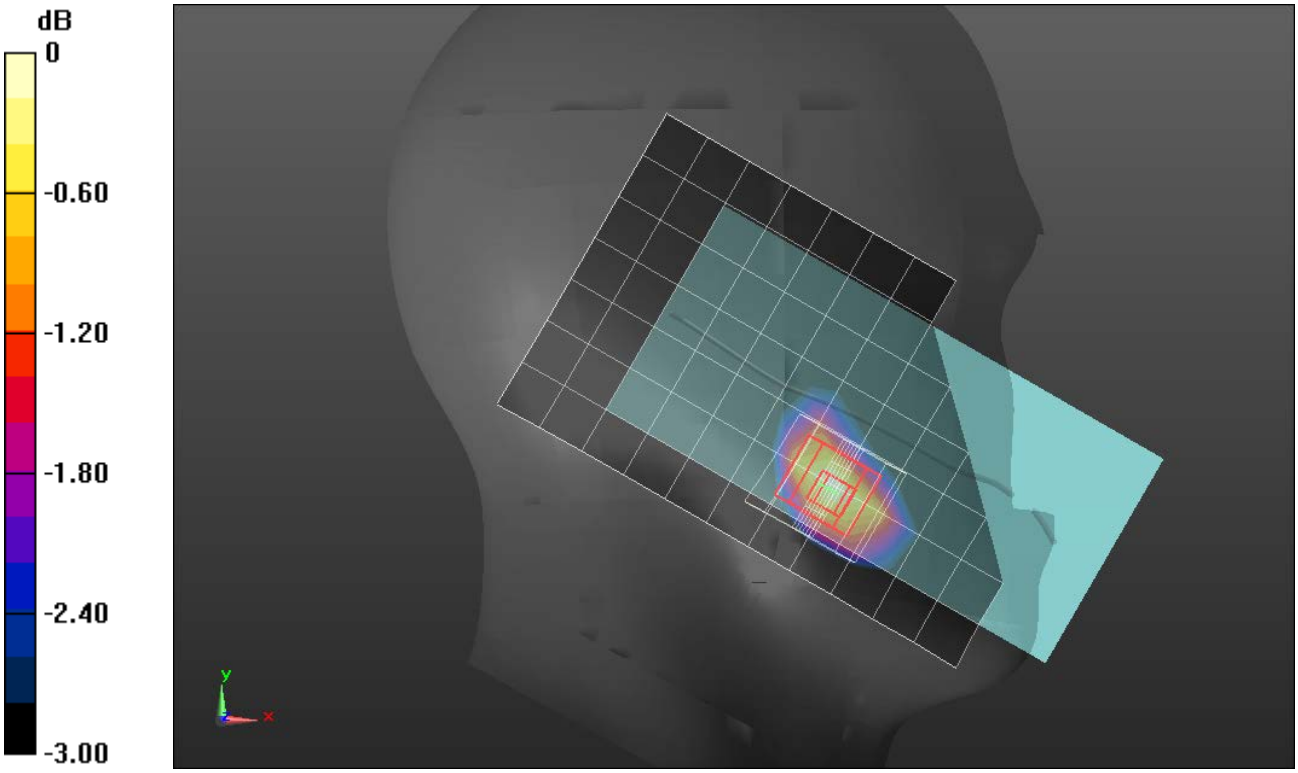
Frequency: 1880 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 38.945; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.89, 7.89, 7.89) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

LHS/Touch_GPRS 3 Slots_ch 661/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.200 W/kg

LHS/Touch_GPRS 3 Slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.78 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

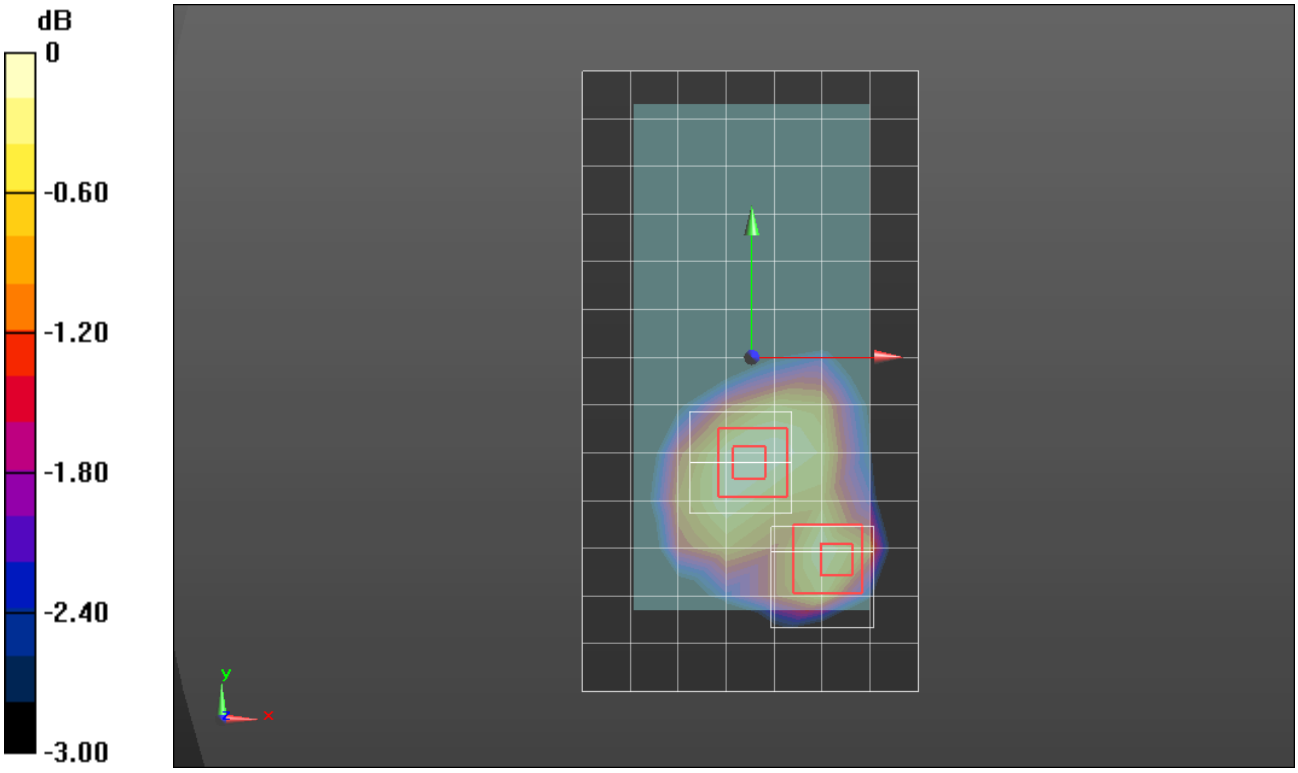
GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 54.291; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/GPRS 3 Slots_ch 661 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.207 W/kg

Rear/GPRS 3 Slots_ch 661 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.87 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.210 W/kg

Rear/GPRS 3 Slots_ch 661 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.87 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 54.291; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/GPRS 3 slots_ch 661 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

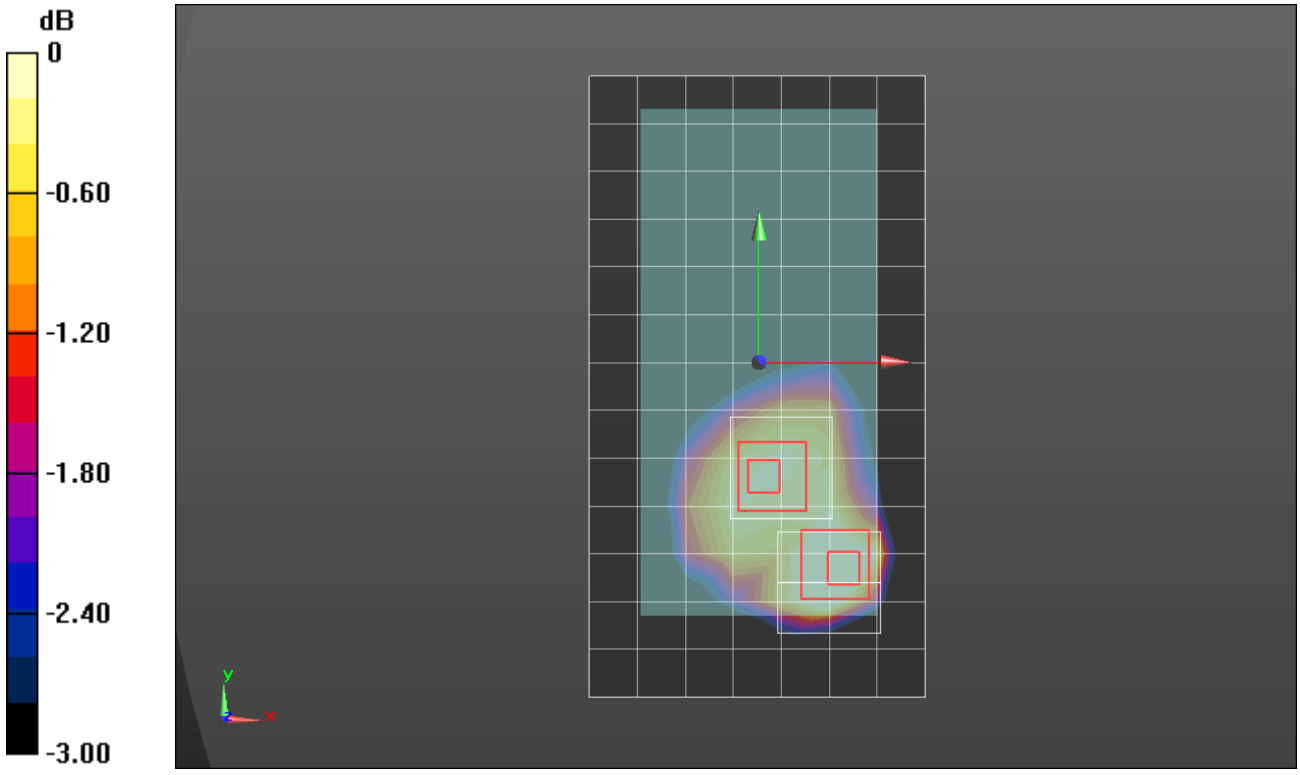
Maximum value of SAR (measured) = 0.406 W/kg

Rear/GPRS 3 slots_ch 661 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.25 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.457 W/kg

Rear/GPRS 3 slots_ch 661 10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.25 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.336 W/kg



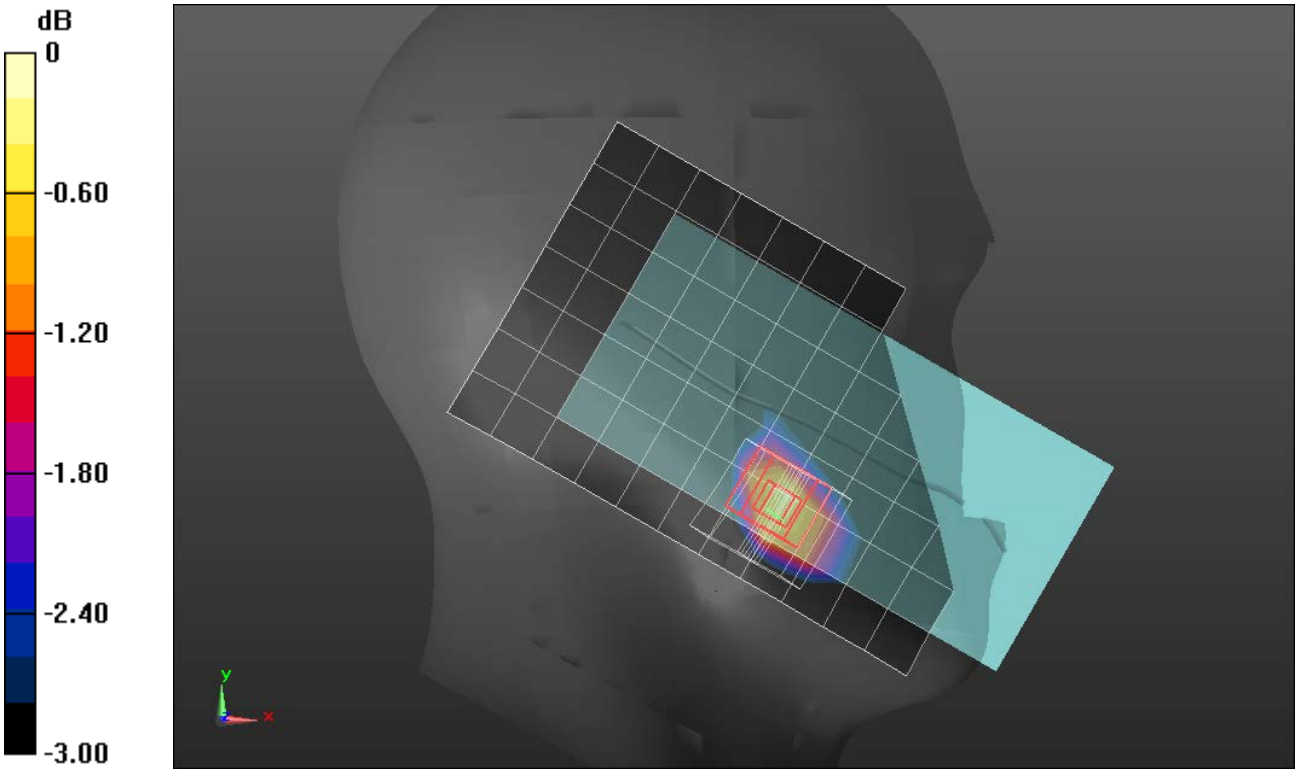
0 dB = 0.336 W/kg = -4.74 dBW/kg

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 = 1.435 S/m; ε_r = 38.945; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.89, 7.89, 7.89) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

LHS/Touch_RMC Rel. 99_ch 9400/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 W/kg

LHS/Touch_RMC Rel. 99_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.80 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

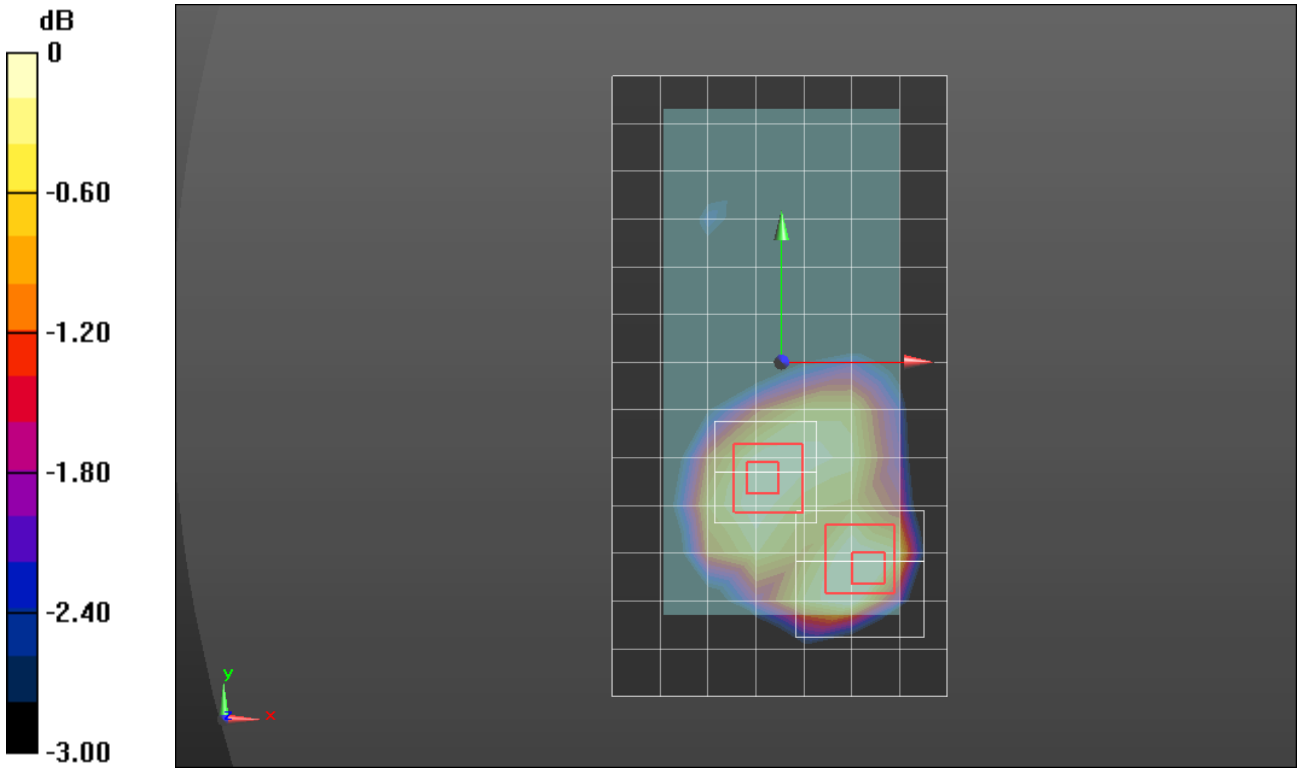
W-CDMA Band II

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 = 1.523 S/m; ε_r = 54.291; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/RMC Rel. 99_ch 9400 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.266 W/kg

Rear/RMC Rel. 99_ch 9400 15mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.29 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.296 W/kg

Rear/RMC Rel. 99_ch 9400 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.29 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

W-CDMA Band II

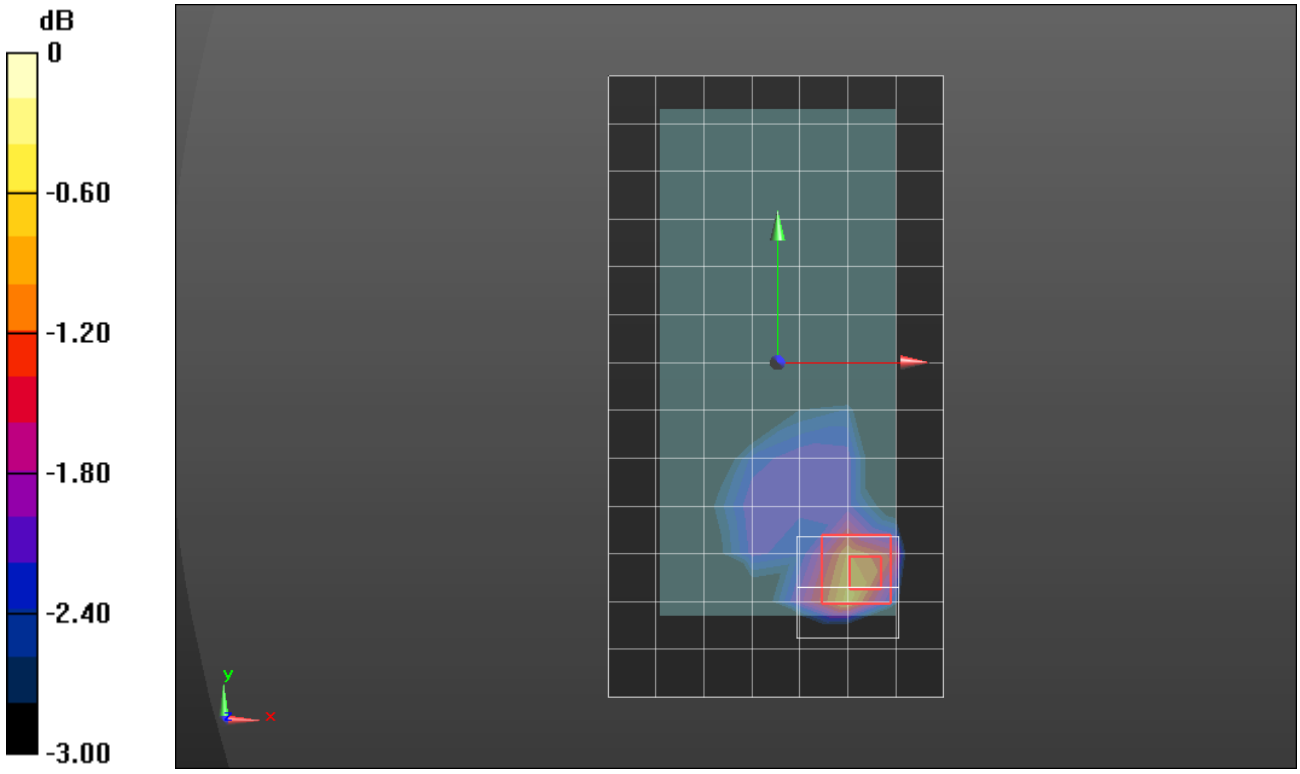
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 54.291; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/RMC Rel. 99_ch 9400 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.591 W/kg

Rear/RMC Rel. 99_ch 9400 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.99 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -1.61 dBW/kg

W-CDMA Band IV

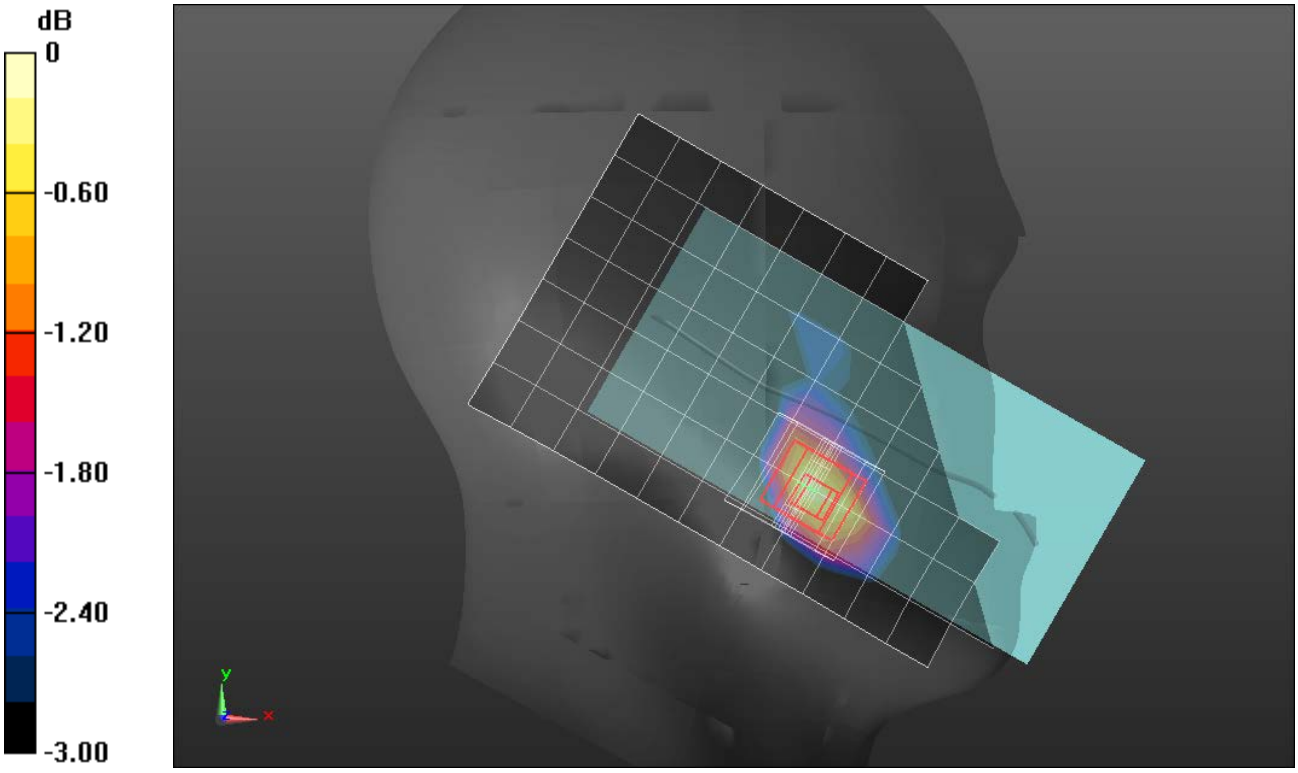
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.398 S/m; ε_r = 40.267; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(8.08, 8.08, 8.08) @ 1732.6 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

LHS/Touch_RMC Rel. 99_ch 1413/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.244 W/kg

LHS/Touch_RMC Rel. 99_ch 1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.75 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.118 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg = -6.00 dBW/kg

W-CDMA Band IV

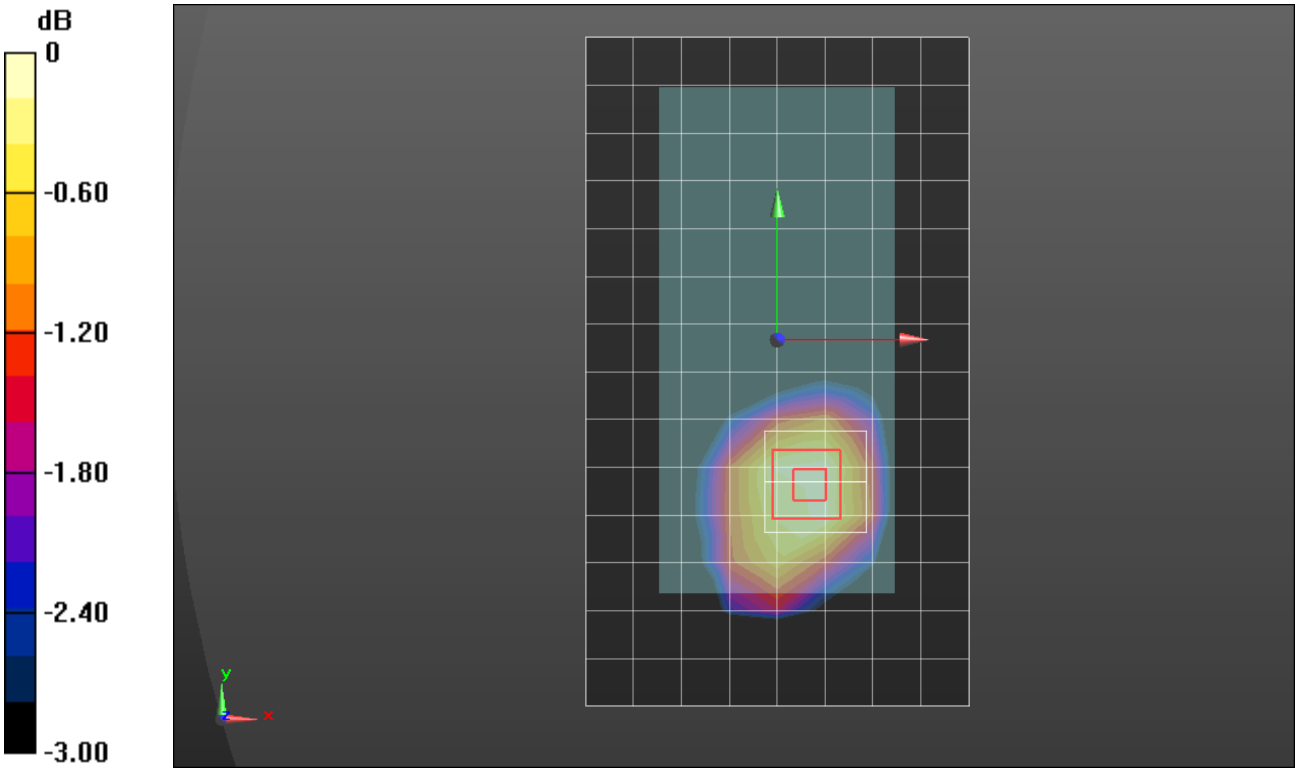
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.476 S/m; ε_r = 52.533; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.76, 7.76, 7.76) @ 1732.6 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/RMC Rel. 99_ch 1413_15mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.359 W/kg

Rear/RMC Rel. 99_ch 1413_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.180 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -4.37 dBW/kg

W-CDMA Band IV

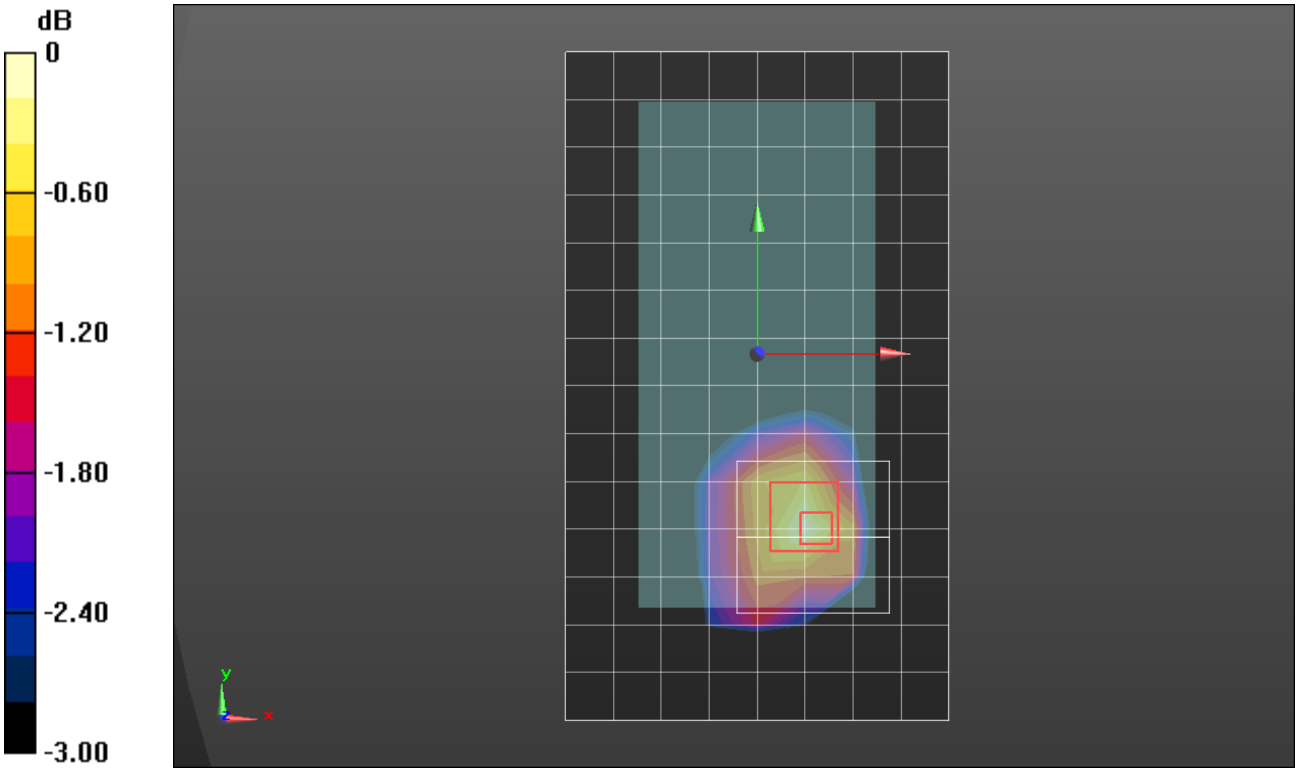
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.476 S/m; ε_r = 52.533; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.76, 7.76, 7.76) @ 1732.6 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/RMC Rel. 99_ch 1413_10mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.623 W/kg

Rear/RMC Rel. 99_ch 1413_10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.45 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.745 W/kg
SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.297 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

W-CDMA Band V

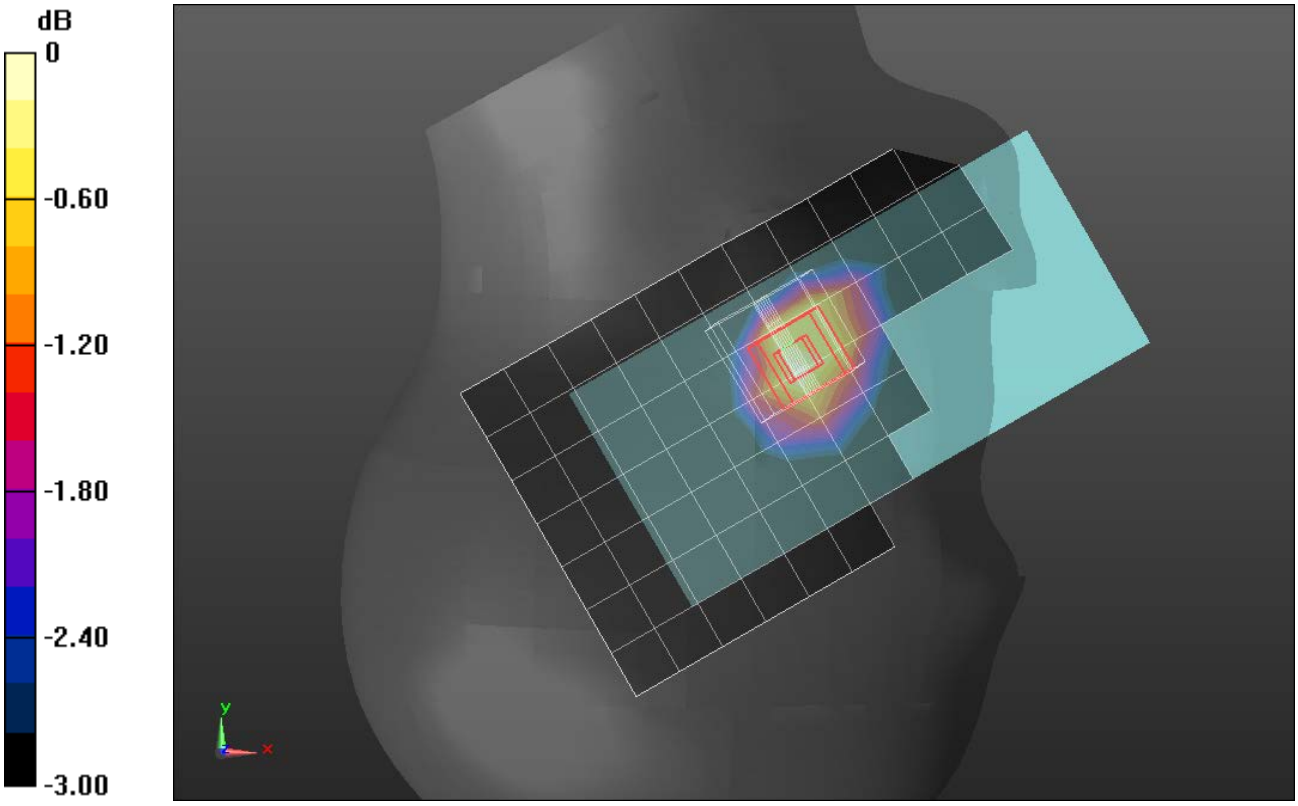
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.939 S/m; ε_r = 40.268; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.49, 10.49, 10.49) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/Touch_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) = 0.186 W/kg

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

Reference Value = 13.54 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.008 S/m; ε_r = 53.317; 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 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/RMC Rel. 99_ch 4183_15mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

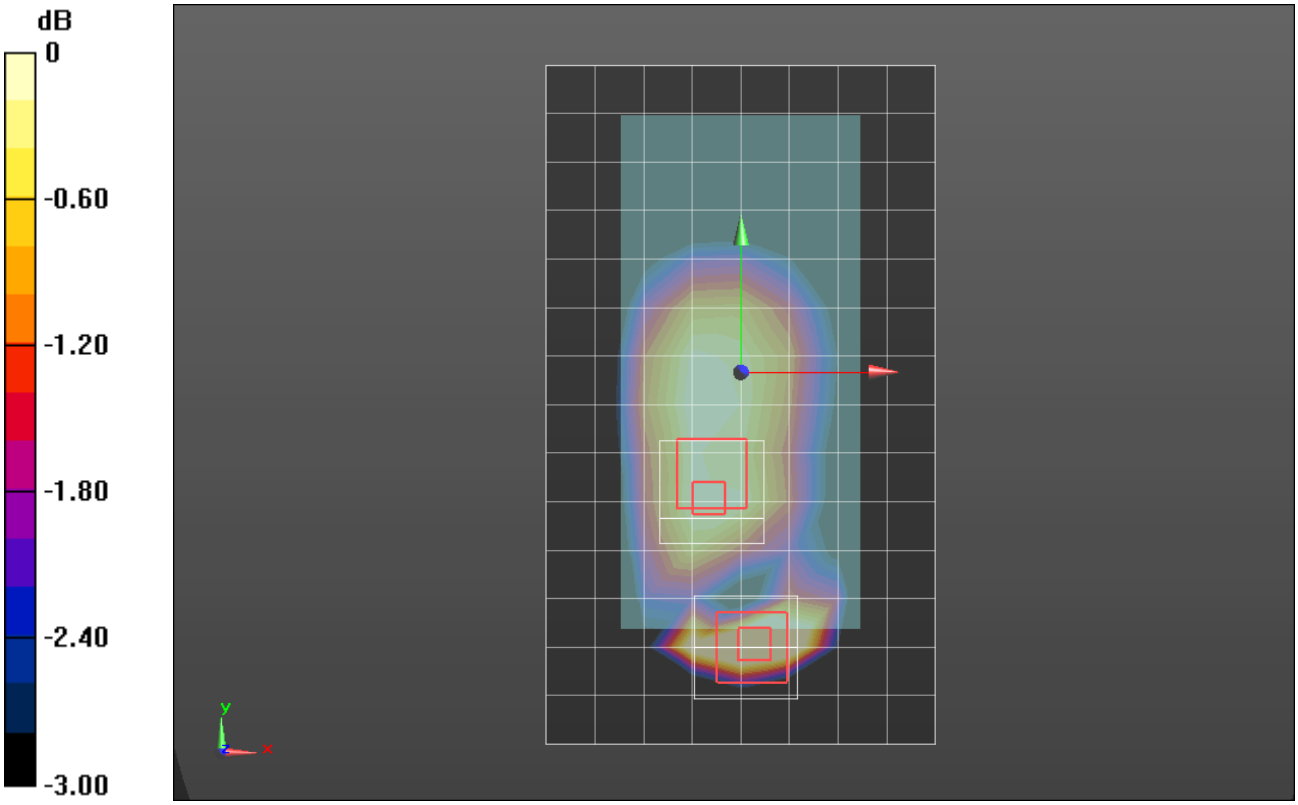
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.358 W/kg

Rear/RMC Rel. 99_ch 4183_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.21 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.131 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.360 W/kg

Rear/RMC Rel. 99_ch 4183_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.21 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.232 W/kg



0 dB = 0.232 W/kg = -6.35 dBW/kg

W-CDMA Band V

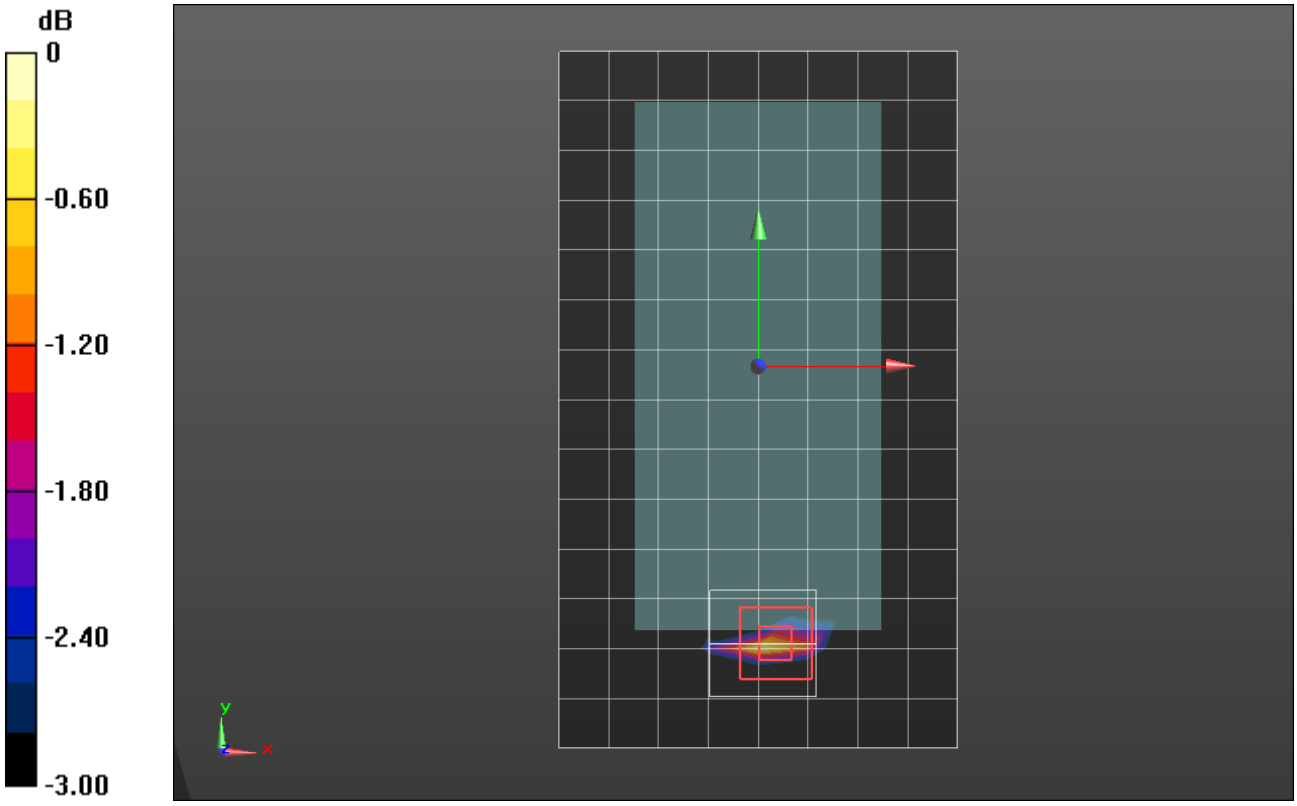
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.008 S/m; ε_r = 53.317; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.6 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/RMC Rel. 99_ch 4183_10mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.849 W/kg

Rear/RMC Rel. 99_ch 4183_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.53 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.282 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.903 W/kg = -0.44 dBW/kg

LTE Band 2

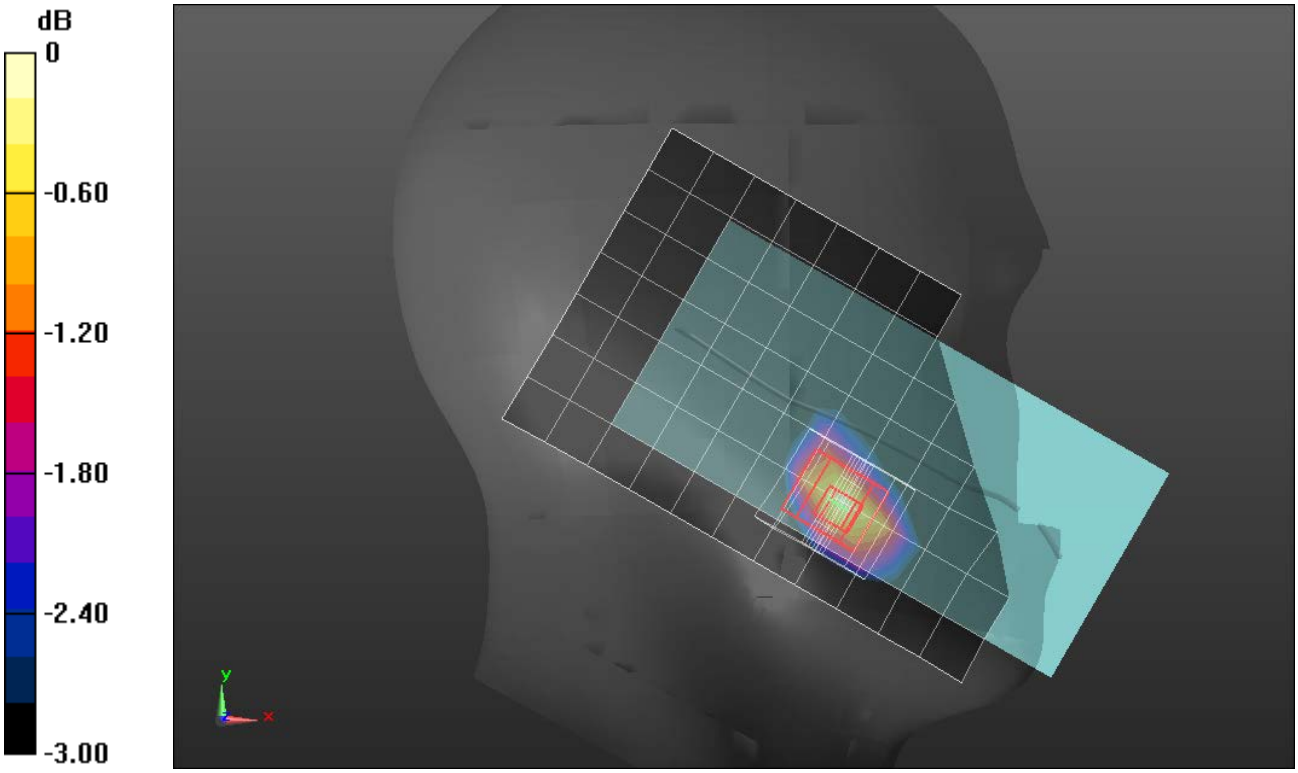
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.435 S/m; ε_r = 38.945; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.89, 7.89, 7.89) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

LHS/Touch_QPSK RB 1,0 Ch 18900/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.327 W/kg

LHS/Touch_QPSK RB 1,0 Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.98 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

LTE Band 2

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 = 1.523 S/m; ε_r = 54.291; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/QPSK RB 1,0 Ch 18900_15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

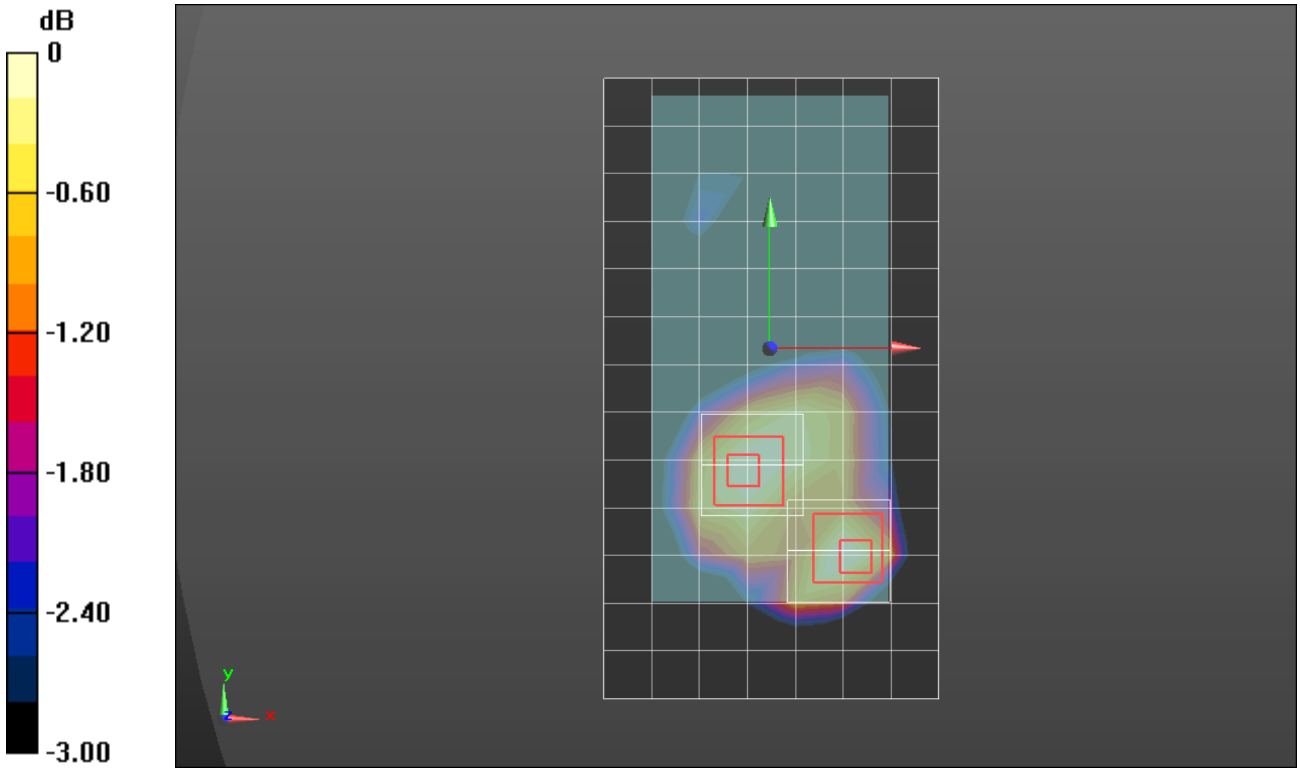
Maximum value of SAR (measured) = 0.339 W/kg

Rear/QPSK RB 1,0 Ch 18900_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.69 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.340 W/kg

Rear/QPSK RB 1,0 Ch 18900_15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.69 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

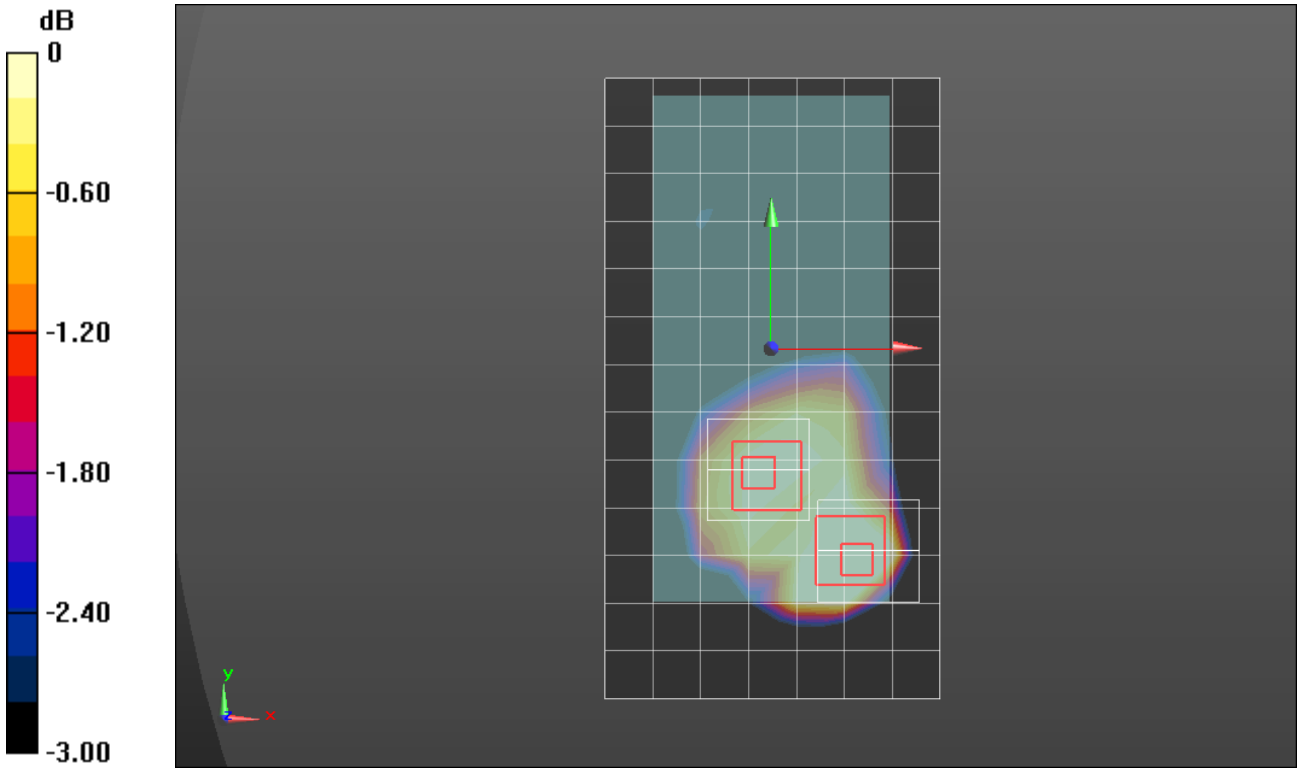
LTE Band 2

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 = 1.523 S/m; ε_r = 54.291; 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 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.39, 7.39, 7.39) @ 1880 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/QPSK RB 1,0 Ch 18900_10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.770 W/kg

Rear/QPSK RB 1,0 Ch 18900_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.98 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 0.804 W/kg

Rear/QPSK RB 1,0 Ch 18900_10mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.98 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.645 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

LTE Band 5

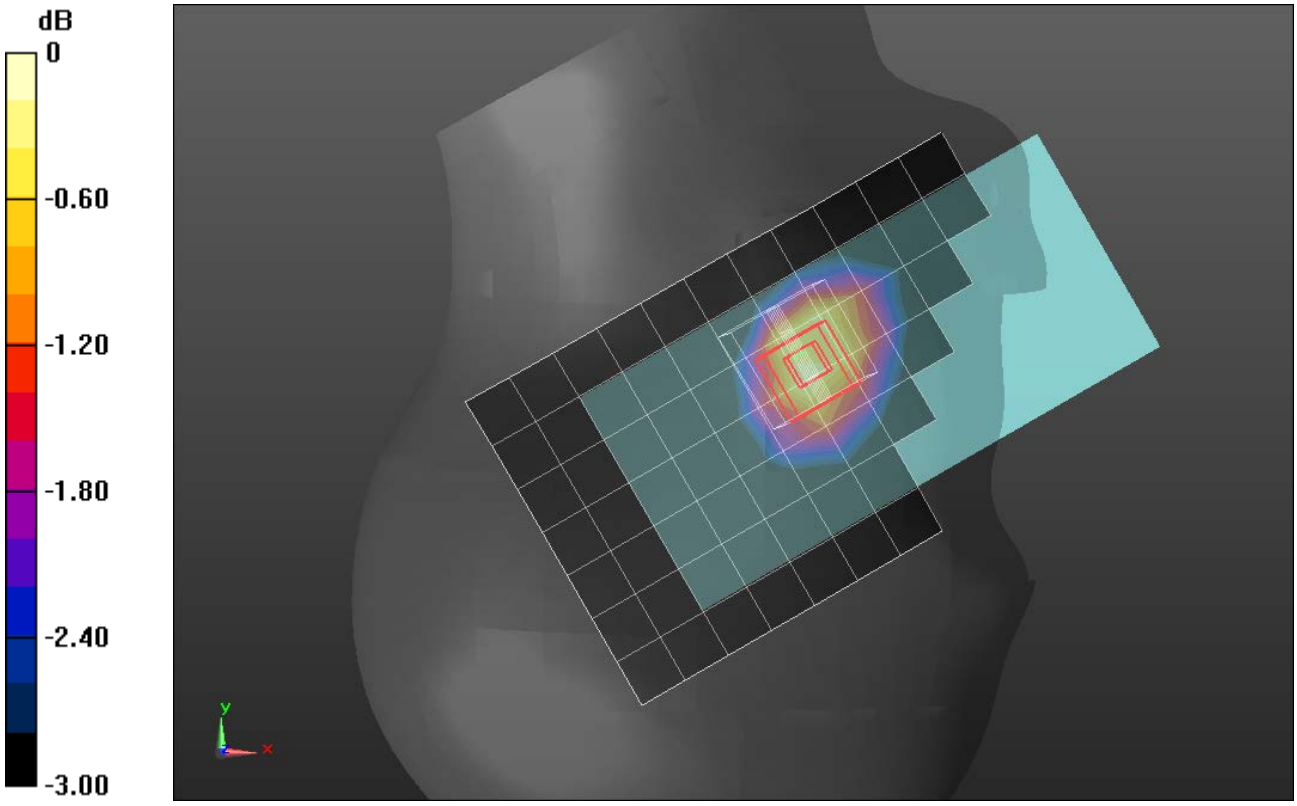
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.939 S/m; ε_r = 40.268; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.49, 10.49, 10.49) @ 836.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/Touch_QPSK RB 1,0 Ch 20525/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.169 W/kg

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

Reference Value = 13.14 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.008 S/m; ε_r = 53.318; 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 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 20525 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

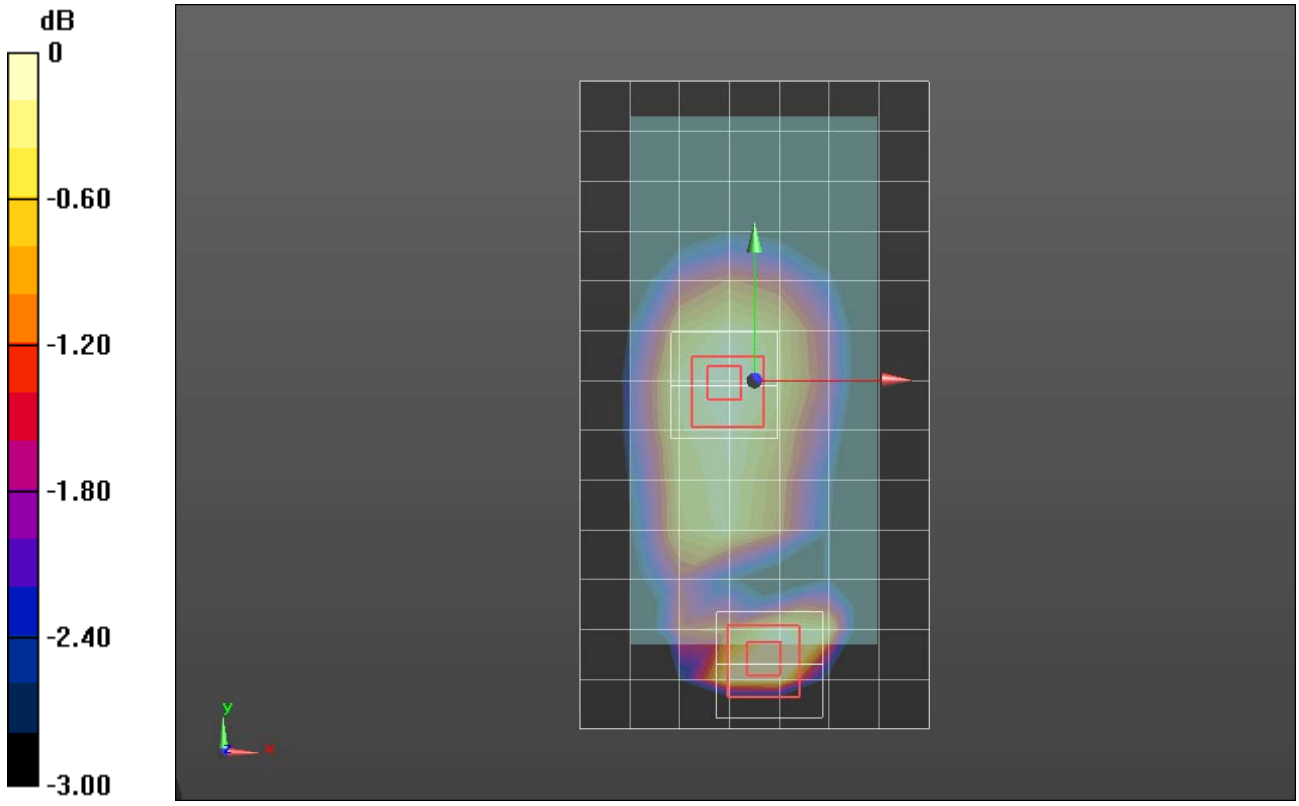
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.267 W/kg

Rear/QPSK RB 1,0 Ch 20525 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.28 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.136 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.367 W/kg

Rear/QPSK RB 1,0 Ch 20525 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.28 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.154 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

LTE Band 5

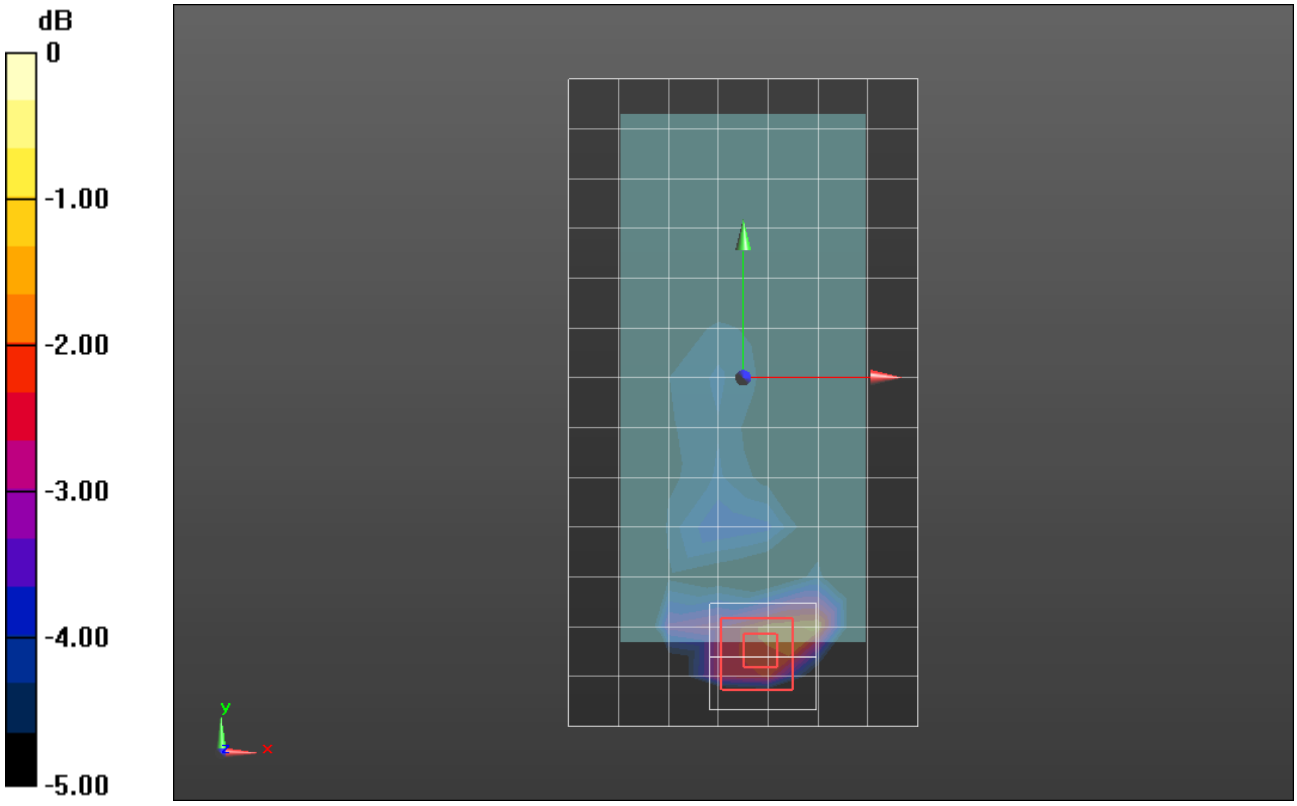
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.008 S/m; ε_r = 53.318; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.72, 10.72, 10.72) @ 836.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 20525 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.593 W/kg

Rear/QPSK RB 1,0 Ch 20525 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.90 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.283 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg = -0.68 dBW/kg

LTE Band 12

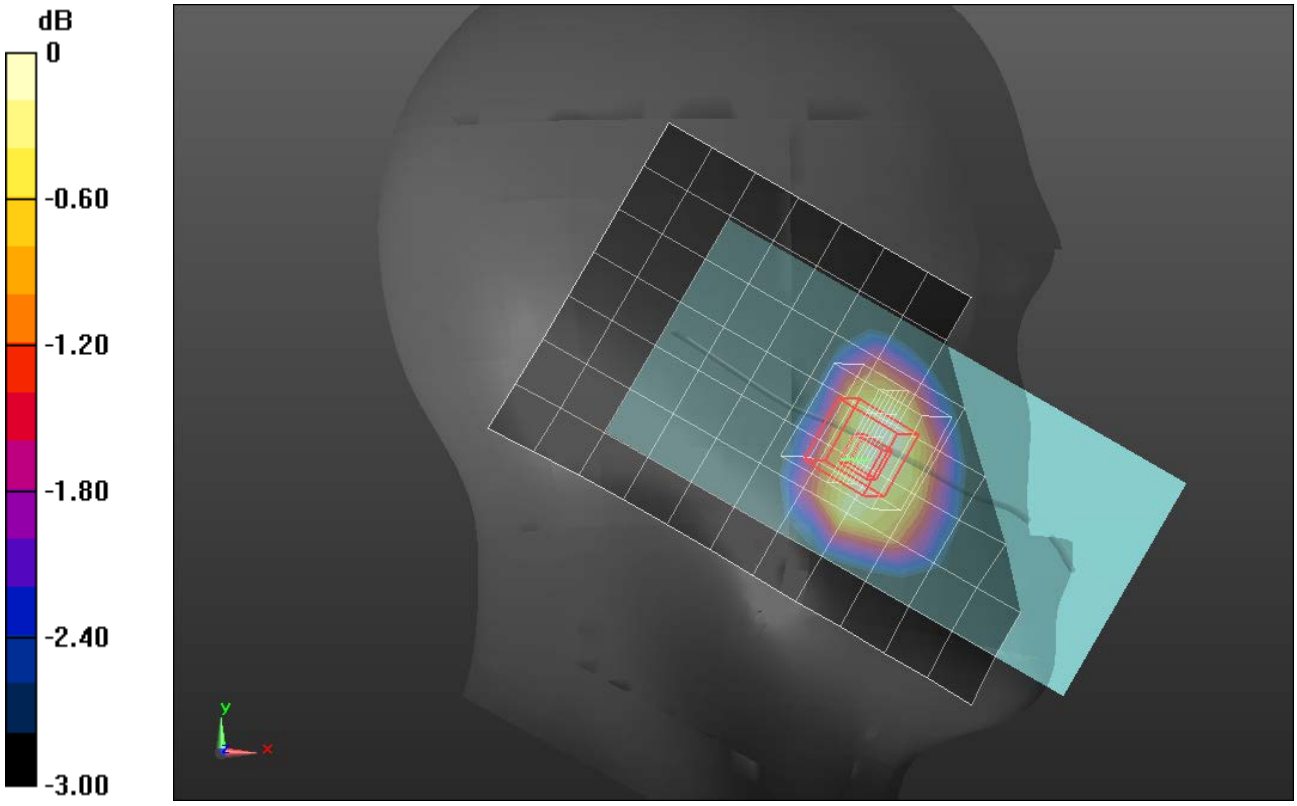
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.901 S/m; ε_r = 41.396; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(11.23, 11.23, 11.23) @ 707.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

LHS/Touch_QPSK RB 1,0 Ch 23095/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0117 W/kg

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

Reference Value = 3.183 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0130 W/kg
SAR(1 g) = 0.00898 W/kg; SAR(10 g) = 0.00682 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0117 W/kg



0 dB = 0.0117 W/kg = -19.32 dBW/kg

LTE Band 12

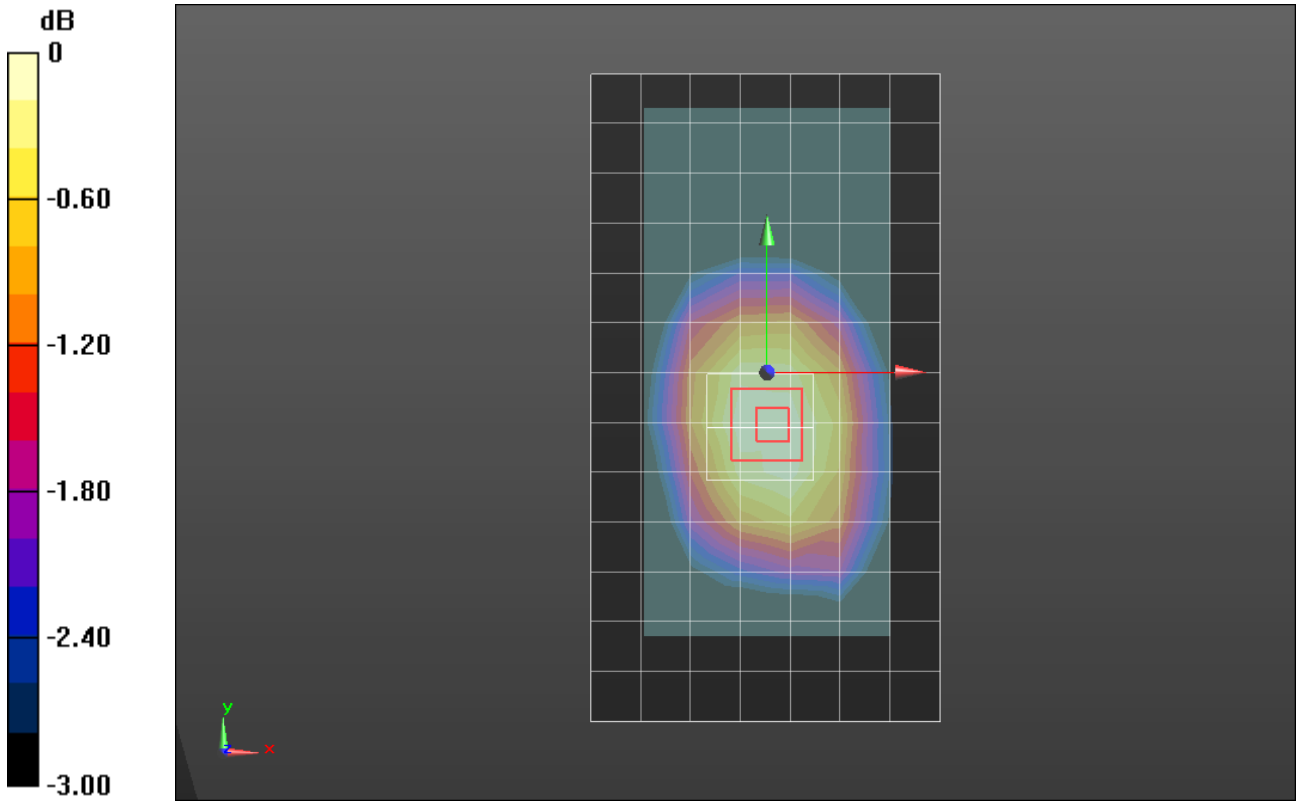
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.967 S/m; ε_r = 54.22; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.92, 10.92, 10.92) @ 707.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 23095 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0460 W/kg

Rear/QPSK RB 1,0 Ch 23095 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.433 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.027 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0465 W/kg



0 dB = 0.0465 W/kg = -13.33 dBW/kg

LTE Band 12

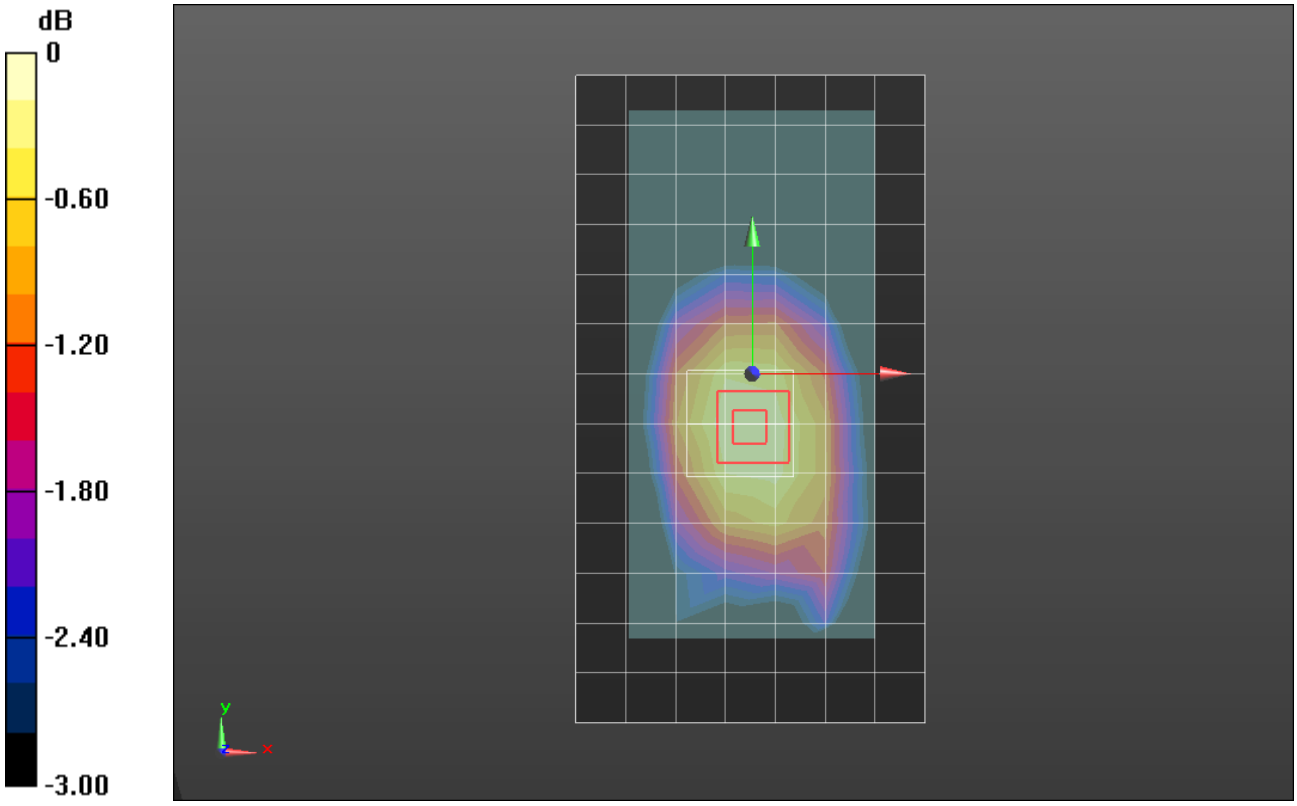
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.967 S/m; ε_r = 54.22; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.92, 10.92, 10.92) @ 707.5 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 23095 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0504 W/kg

Rear/QPSK RB 1,0 Ch 23095 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.946 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.032 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0529 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg

LTE Band 13

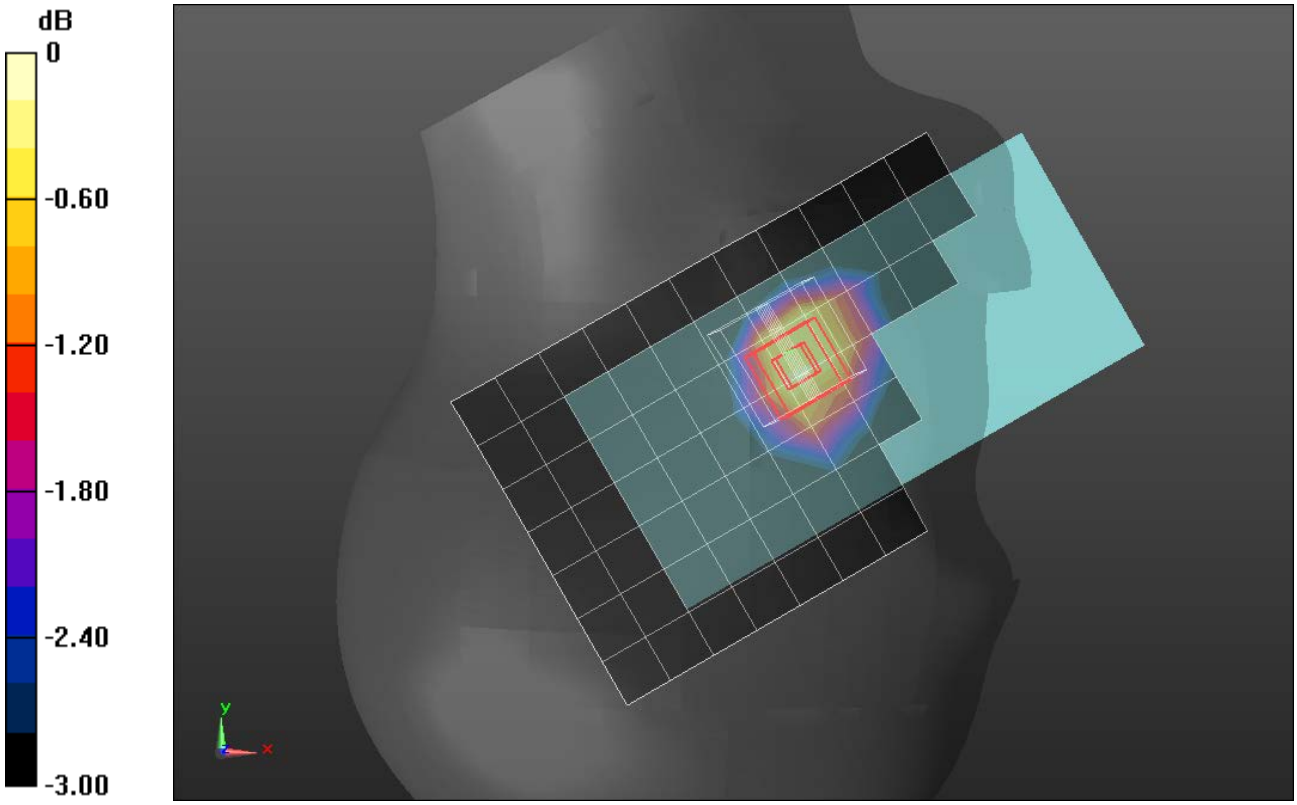
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.915 S/m; ε_r = 40.478; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(11.23, 11.23, 11.23) @ 782 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/Touch_QPSK RB 1,0 Ch 23230/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0754 W/kg

RHS/Touch_QPSK RB 1,0 Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.866 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.0811 W/kg



0 dB = 0.0811 W/kg = -10.91 dBW/kg

LTE Band 13

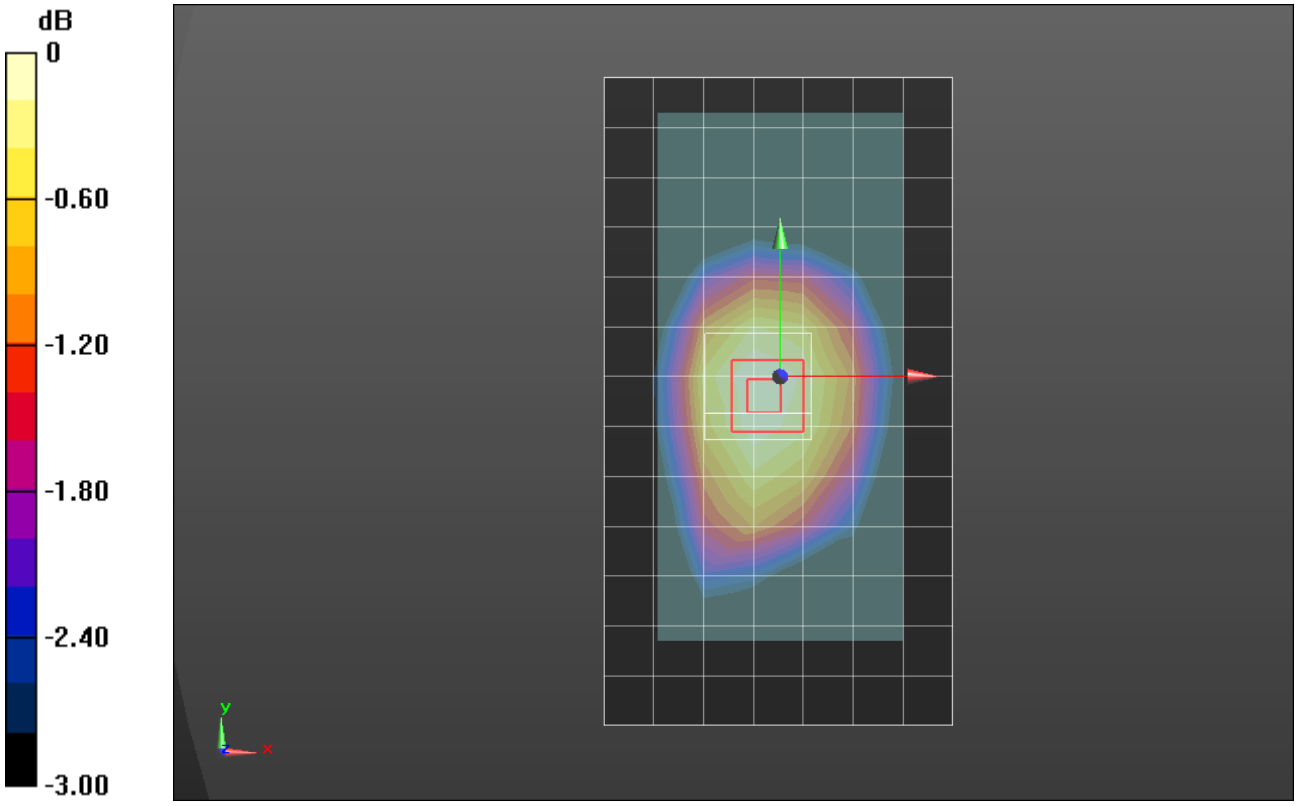
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.996 S/m; ε_r = 54.183; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.92, 10.92, 10.92) @ 782 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 23230_15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.148 W/kg

Rear/QPSK RB 1,0 Ch 23230_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.46 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.088 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

LTE Band 13

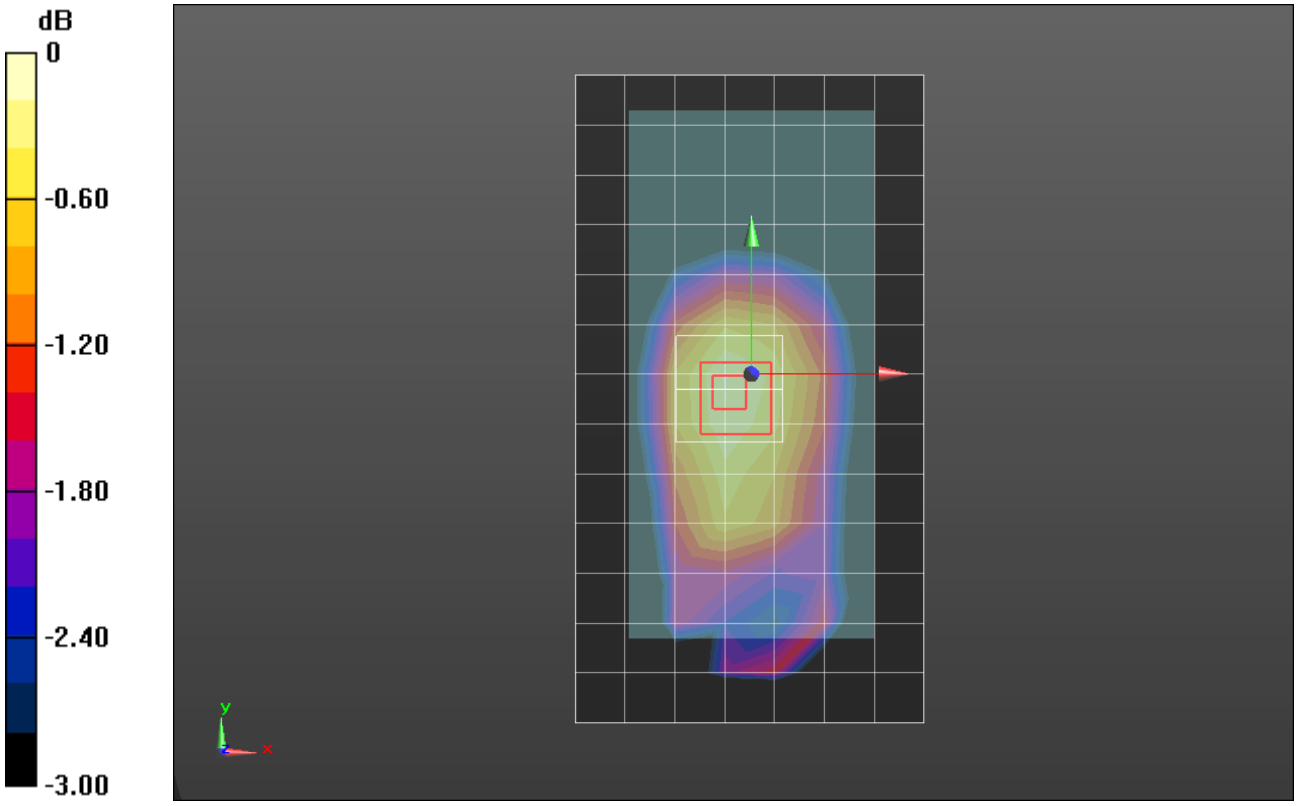
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.996 S/m; ε_r = 54.183; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(10.92, 10.92, 10.92) @ 782 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,0 Ch 23230_10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.181 W/kg

Rear/QPSK RB 1,0 Ch 23230_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.06 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.114 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

LTE Band 41

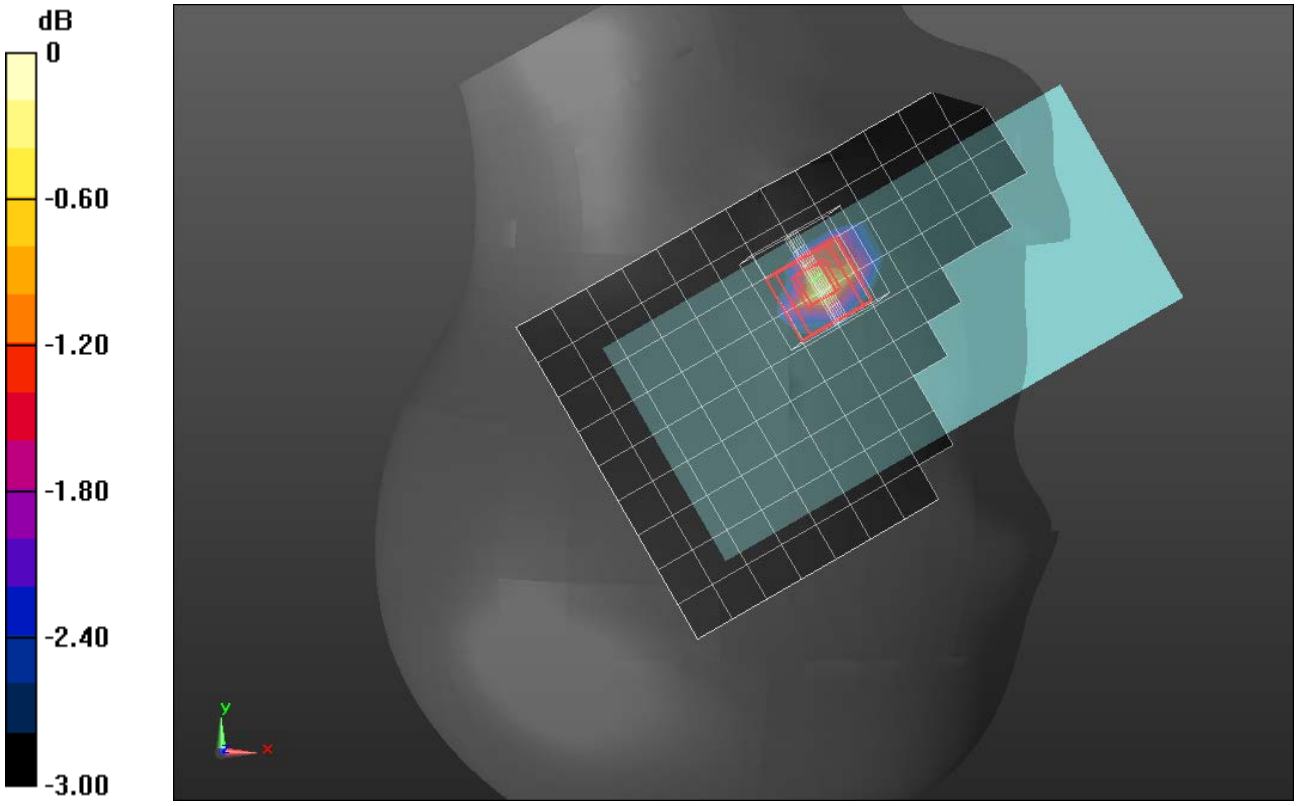
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 1.999 S/m; ε_r = 39.579; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(7.89, 7.89, 7.89) @ 2593 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/Touch_QPSK RB 1,99 Ch 40620/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.270 W/kg

RHS/Touch_QPSK RB 1,99 Ch 40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.97 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.099 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.188 S/m; ε_r = 50.63; 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 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(7.96, 7.96, 7.96) @ 2593 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,99 Ch 40620_15mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

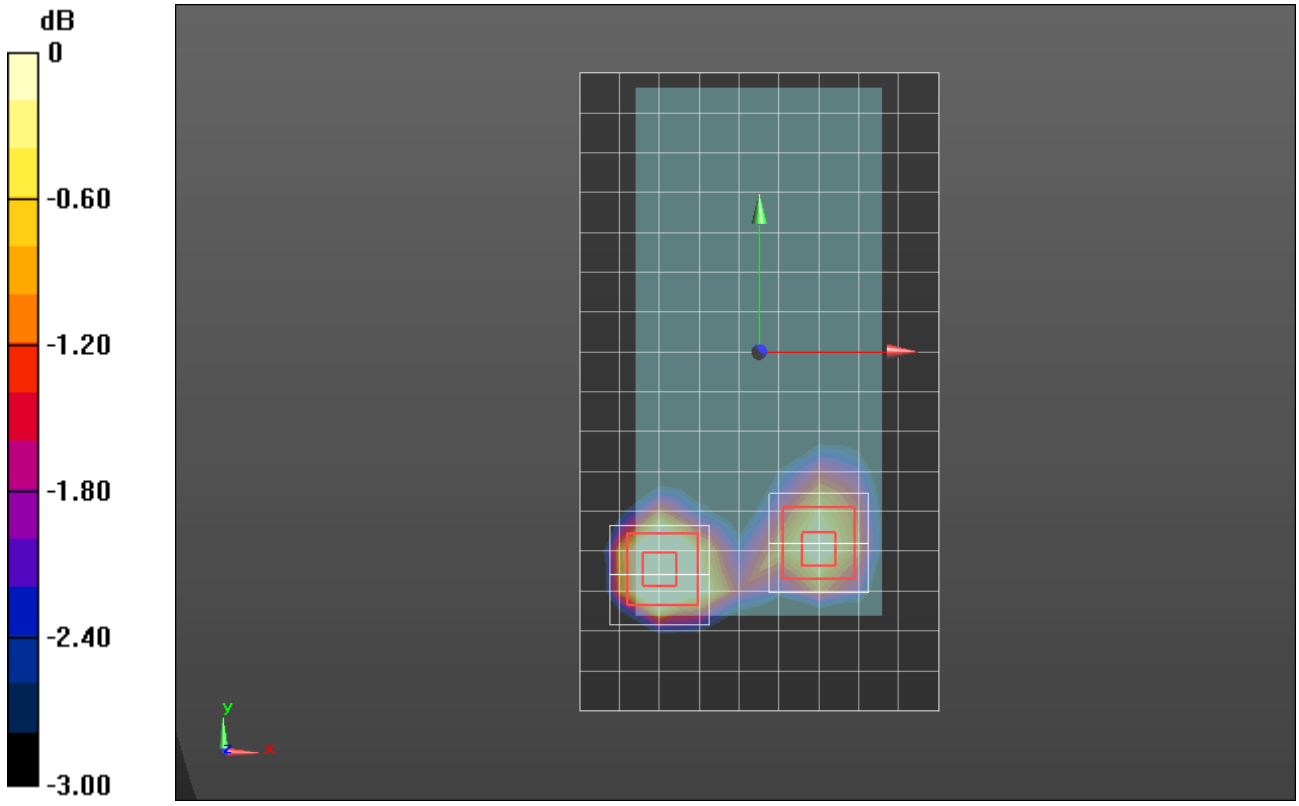
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.348 W/kg

Rear/QPSK RB 1,99 Ch 40620_15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.31 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.114 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.381 W/kg

Rear/QPSK RB 1,99 Ch 40620_15mm/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.31 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.092 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.188 S/m; ε_r = 50.63; 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 Sn1547; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN7356; ConvF(7.96, 7.96, 7.96) @ 2593 MHz; Calibrated: 4/24/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt), Front; Type: QD OVA 004 AA; Serial: 2086

Rear/QPSK RB 1,99 Ch 40620_10mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

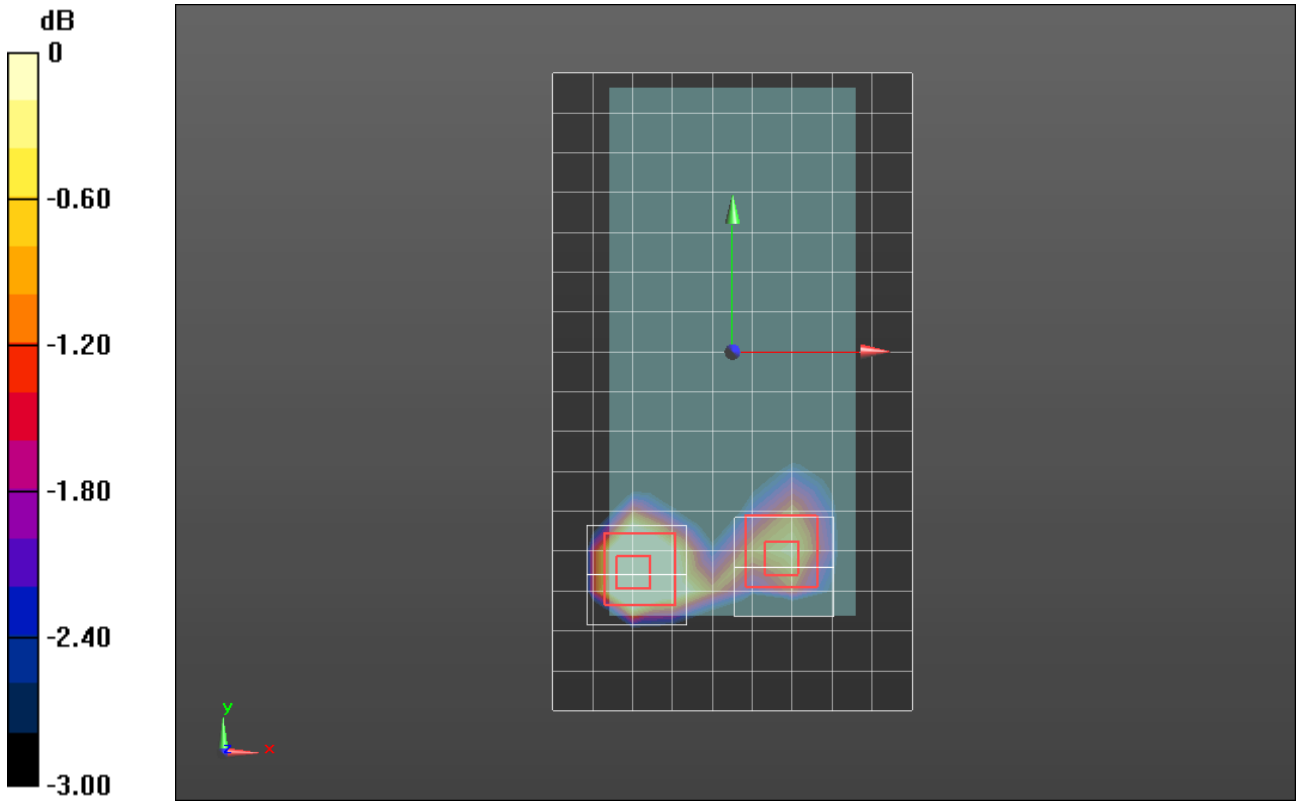
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.765 W/kg

Rear/QPSK RB 1,99 Ch 40620_10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.51 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.234 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.842 W/kg

Rear/QPSK RB 1,99 Ch 40620_10mm/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.51 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.164 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

LTE Band 66

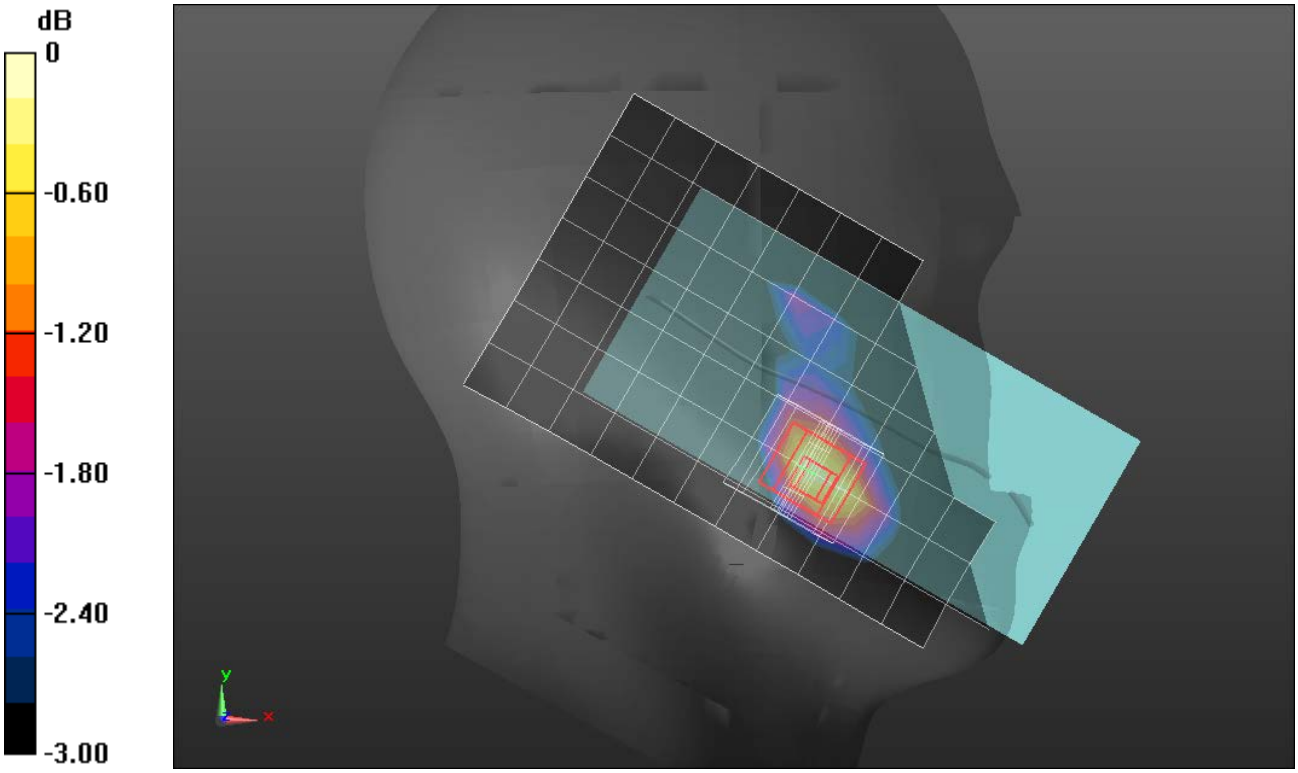
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.405 S/m; ε_r = 40.169; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(8.08, 8.08, 8.08) @ 1745 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1957

LHS/Touch_QPSK RB 1,0 Ch 132322/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 W/kg

LHS/Touch_QPSK RB 1,0 Ch 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.52 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.239 W/kg



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

LTE Band 66

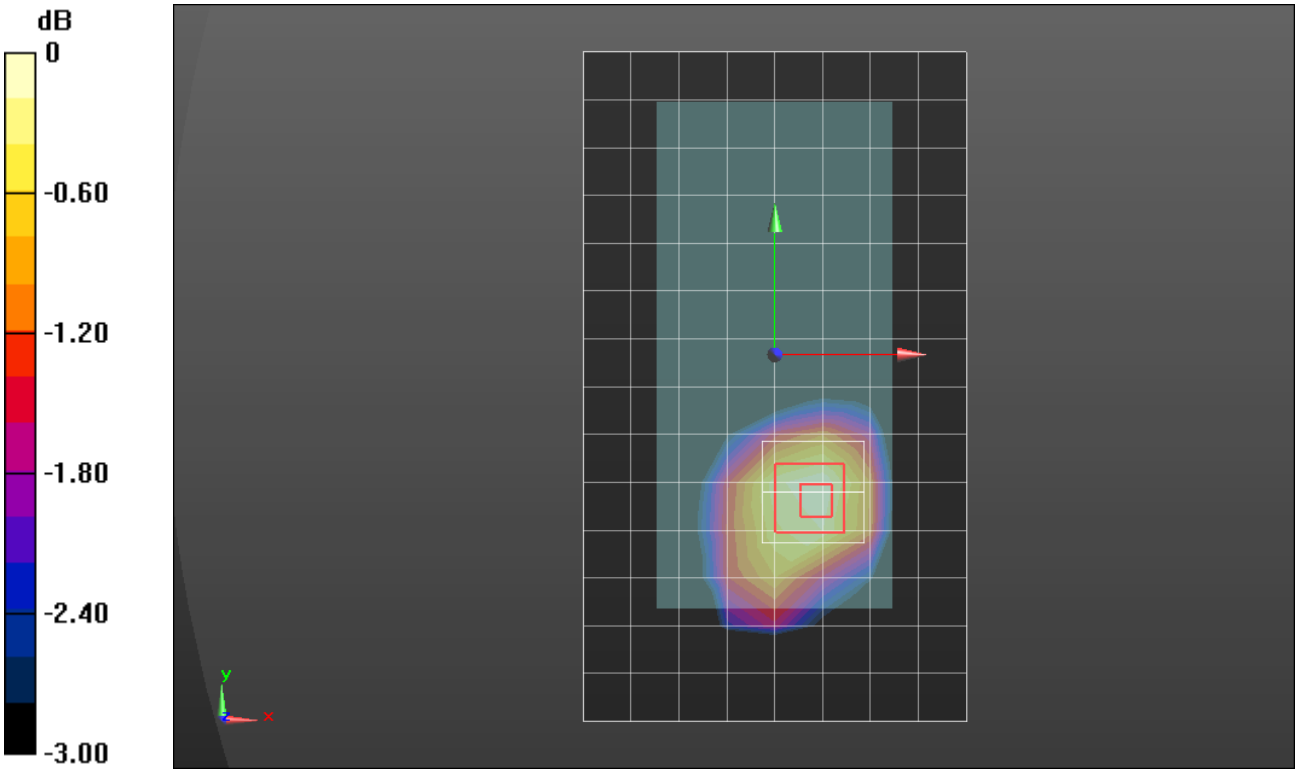
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.495 S/m; ε_r = 52.426; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.76, 7.76, 7.76) @ 1745 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/QPSK RB 1,0 Ch 132322_15mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.392 W/kg

Rear/QPSK RB 1,0 Ch 132322_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.17 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

LTE Band 66

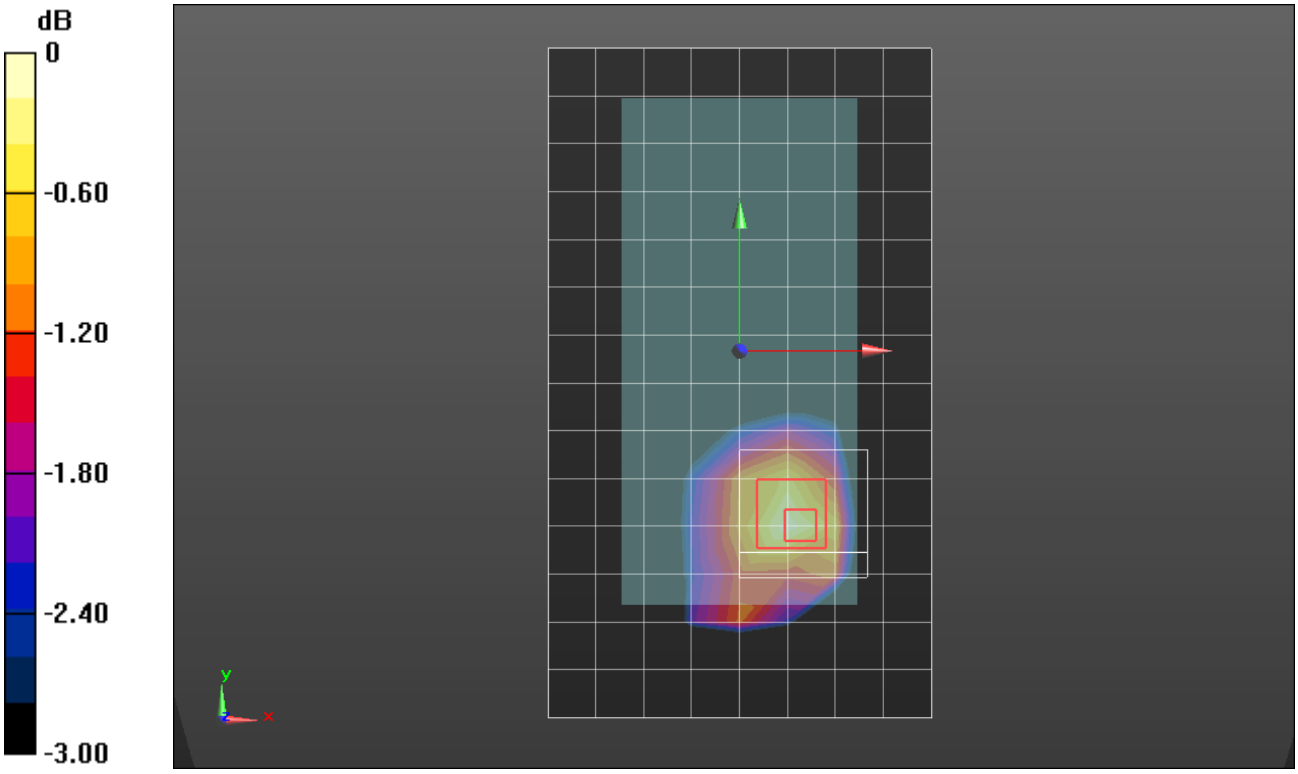
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1745 MHz; σ = 1.495 S/m; ε_r = 52.426; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 4/13/2018
- Probe: EX3DV4 - SN3686; ConvF(7.76, 7.76, 7.76) @ 1745 MHz; Calibrated: 8/28/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Front; Type: QD OVA 004 AA; Serial: 2081

Rear/QPSK RB 1,0 Ch 132322_10mm/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.686 W/kg

Rear/QPSK RB 1,0 Ch 132322_10mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.32 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.694 W/kg



0 dB = 0.694 W/kg = -1.59 dBW/kg

Wi-Fi 2.4GHz FCC

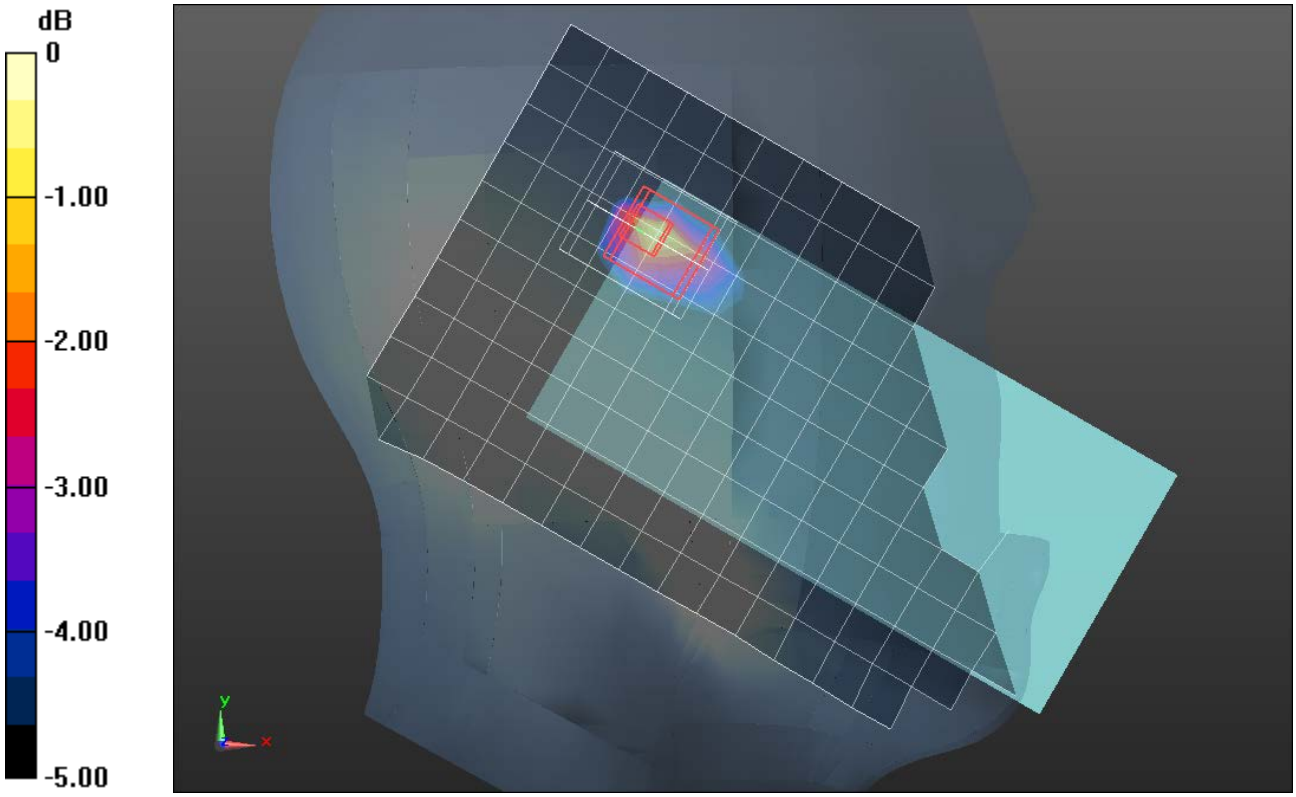
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.793 S/m; ε_r = 38.553; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.98, 6.98, 6.98); Calibrated: 2/13/2018, ConvF(6.98, 6.98, 6.98); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Touch_802.11b_ch 6/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.255 W/kg

LHS/Touch_802.11b_ch 6/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.81 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.078 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

Wi-Fi 2.4GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.976 S/m; ε_r = 50.804; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018, ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018, ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11b_ch 6_15mm/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

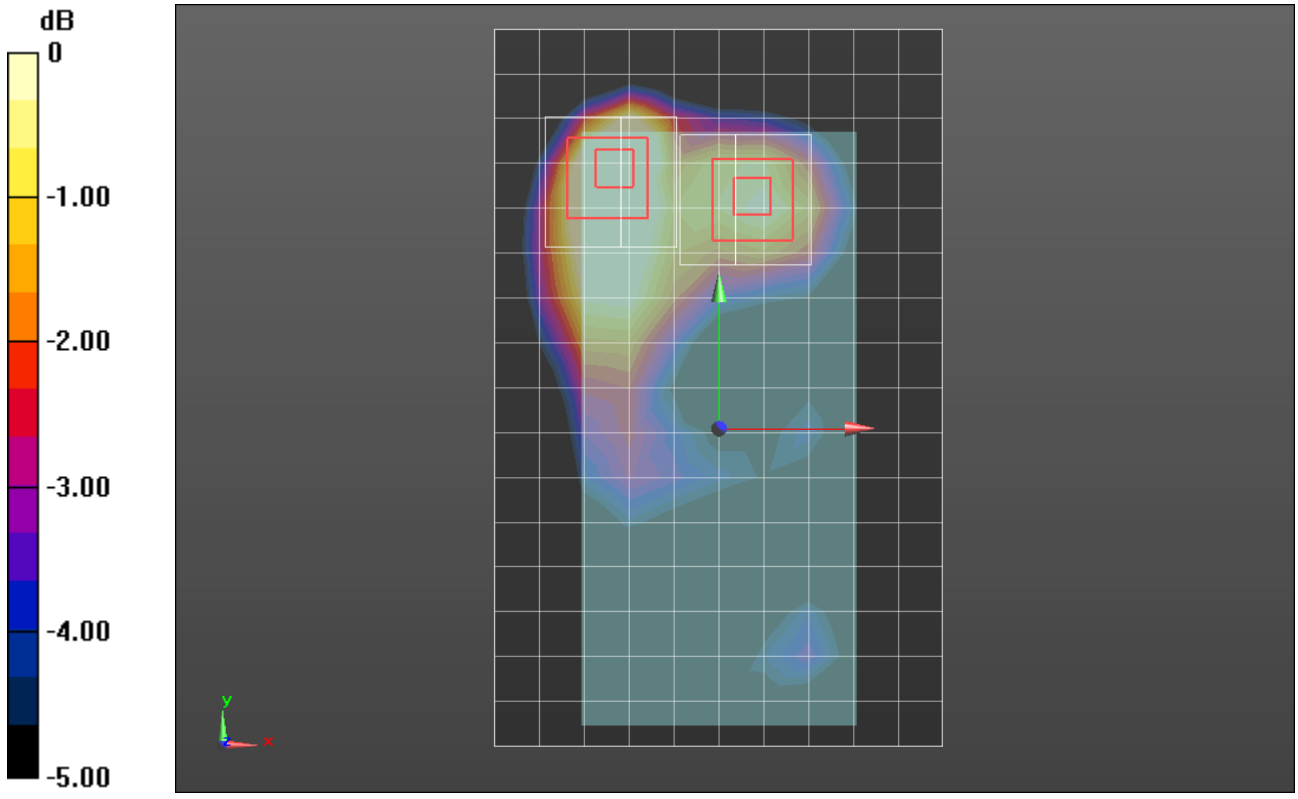
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.170 W/kg

Rear/802.11b_ch 6_15mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.292 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.050 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.176 W/kg

Rear/802.11b_ch 6_15mm/Zoom Scan 2 (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.292 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.033 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0908 W/kg



0 dB = 0.0908 W/kg = -10.42 dBW/kg

Wi-Fi 2.4GHz

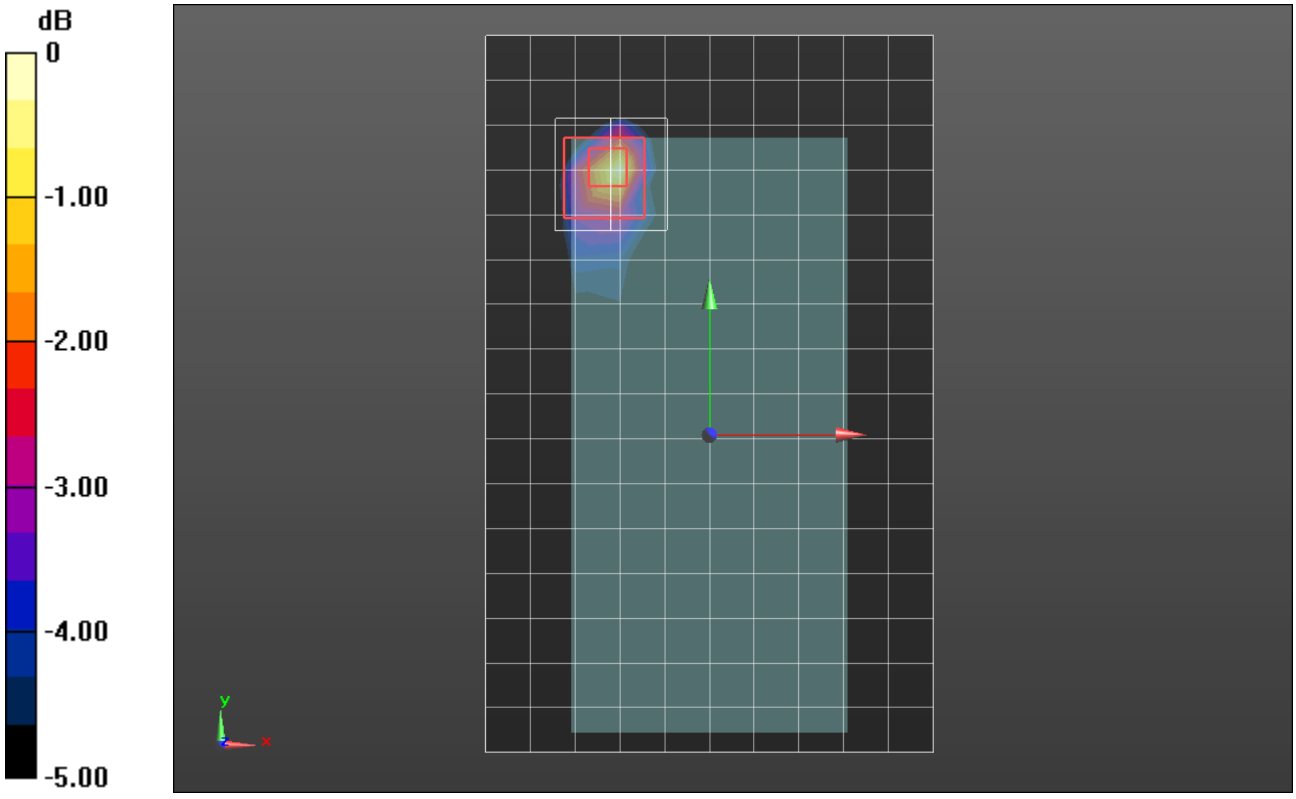
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.976 S/m; ε_r = 50.804; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018, ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11b_ch 6_10mm/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.425 W/kg

Rear/802.11b_ch 6_10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.24 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.590 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.106 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.439 W/kg



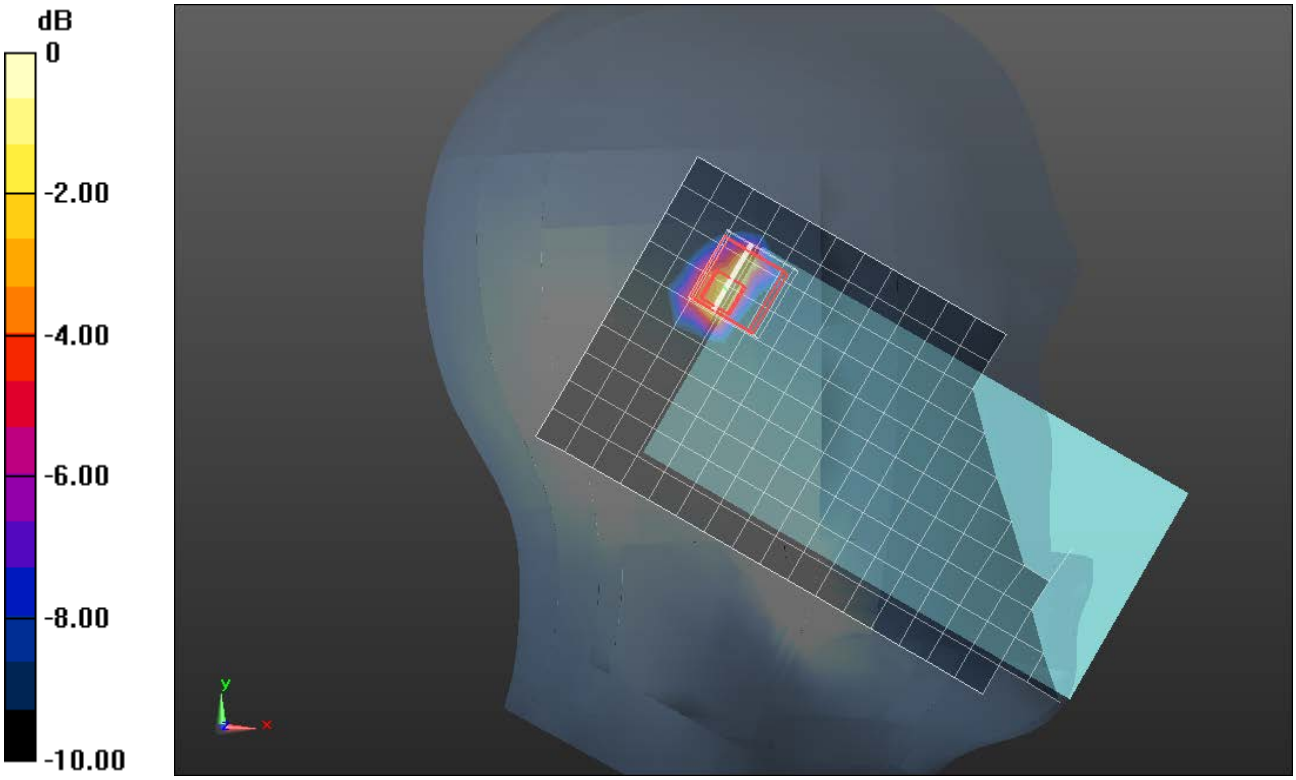
0 dB = 0.439 W/kg = -3.58 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5290 MHz; σ = 4.62 S/m; ε_r = 35.972; 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 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(5.51, 5.51, 5.51); Calibrated: 8/17/2018, ConvF(5.51, 5.51, 5.51); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Tilt_802.11ac VHT80_Ch 58/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.398 W/kg

LHS/Tilt_802.11ac VHT80_Ch 58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.148 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

Wi-Fi 5.3 GHz

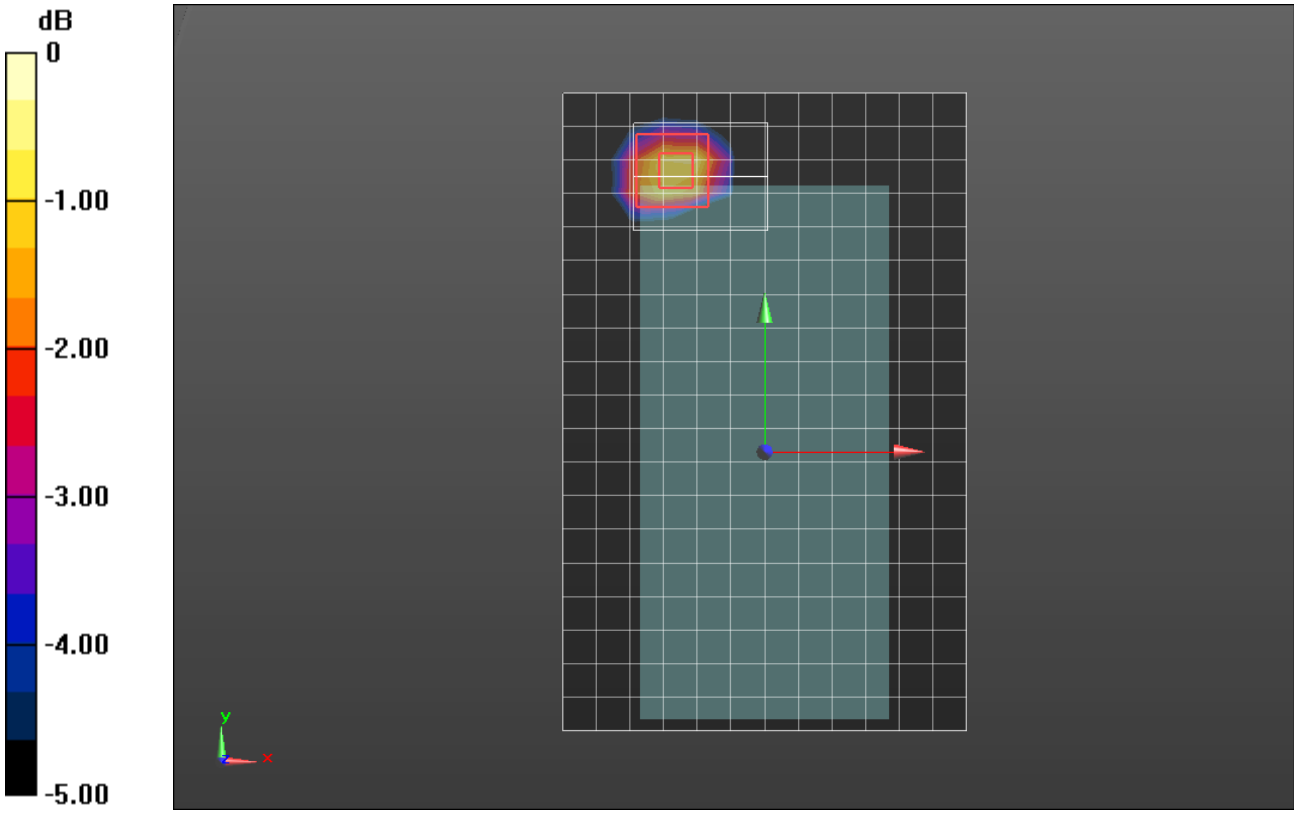
Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5300 MHz; σ = 5.447 S/m; ε_r = 46.886; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018, ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_Ch 60_15mm/Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.213 W/kg

Rear/802.11a_Ch 60_15mm/Zoom Scan (11x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.678 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.245 W/kg



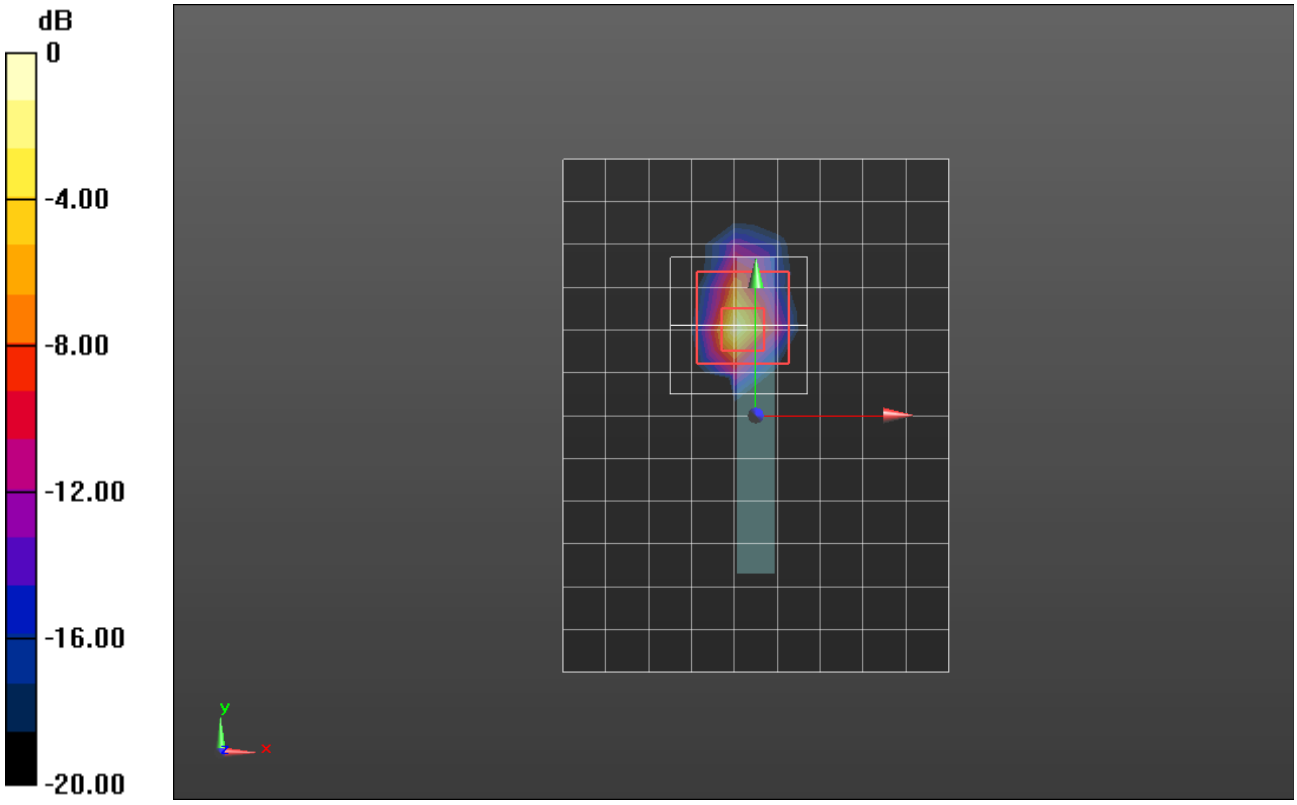
0 dB = 0.245 W/kg = -6.11 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5300 MHz; σ = 5.447 S/m; ε_r = 46.886; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018, ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Edge 1/802.11a_Ch 60_0mm/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 16.2 W/kg

Edge 1/802.11a_Ch 60_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 49.12 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 35.9 W/kg
SAR(1 g) = 5.31 W/kg; SAR(10 g) = 0.998 W/kg
Maximum value of SAR (measured) = 18.4 W/kg



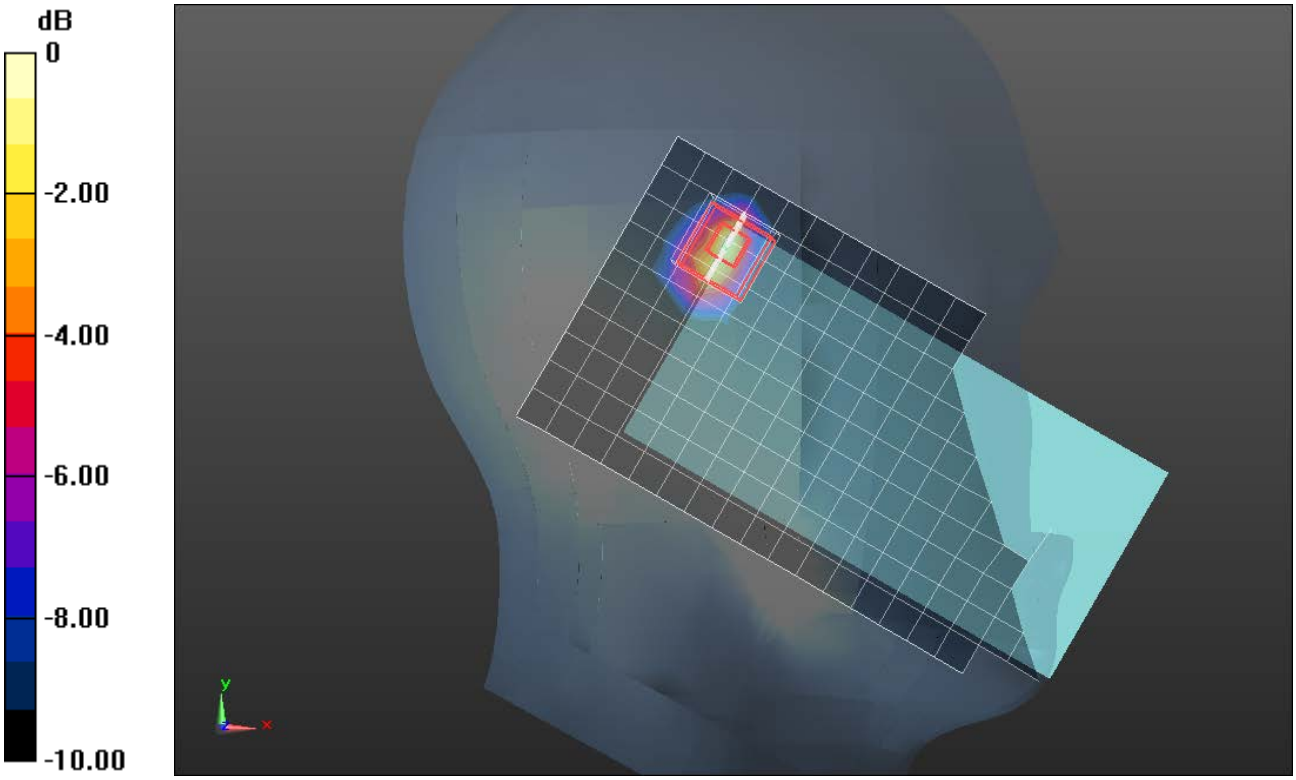
0 dB = 18.4 W/kg = 12.65 dBW/kg

Wi-Fi 5.6 GHz

Frequency: 5610 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5610 MHz; σ = 4.935 S/m; ε_r = 36.049; 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 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.87, 4.87, 4.87); Calibrated: 8/17/2018, ConvF(4.87, 4.87, 4.87); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Tilt_802.11ac VHT80_Ch 122/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.191 W/kg

LHS/Tilt_802.11ac VHT80_Ch 122/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.449 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.194 W/kg



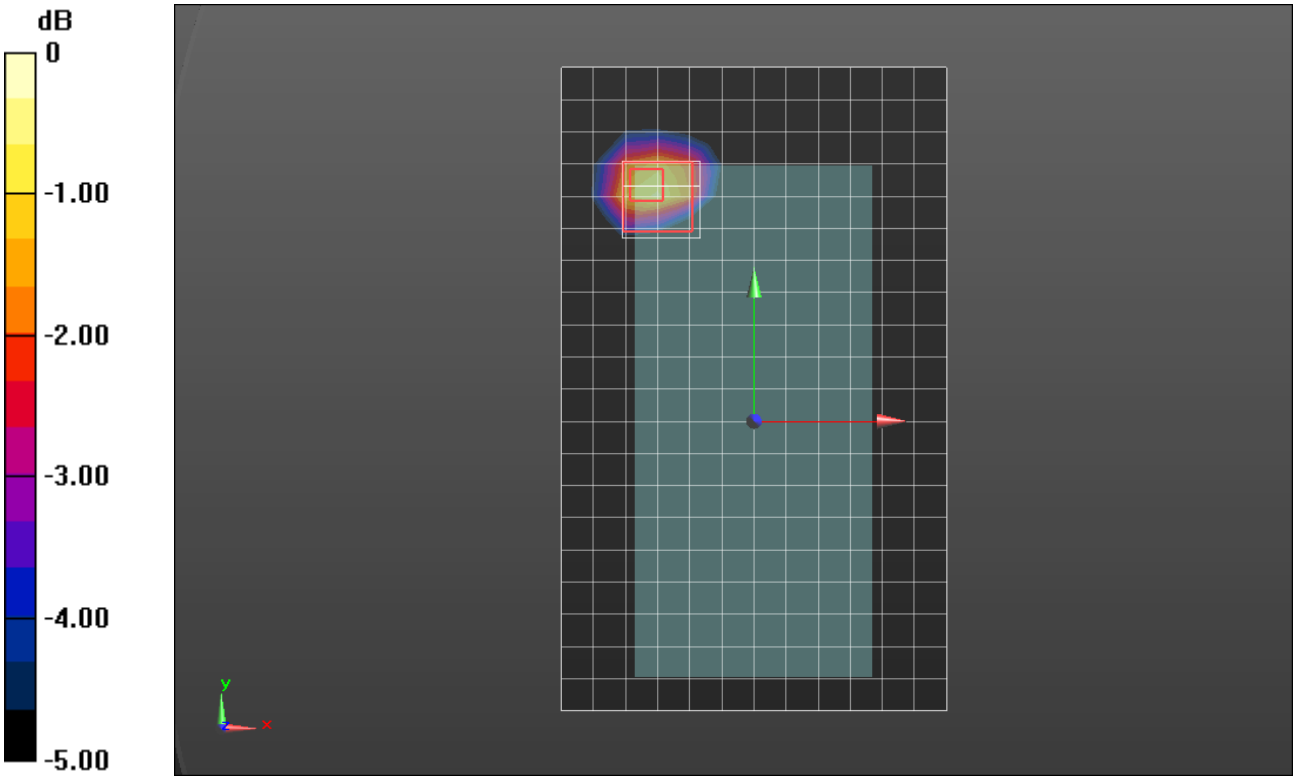
0 dB = 0.194 W/kg = -7.12 dBW/kg

Wi-Fi 5.6 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 = 5.818 S/m; ε_r = 46.926; 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 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.31, 4.31, 4.31); Calibrated: 8/17/2018, ConvF(4.31, 4.31, 4.31); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_Ch 124_15mm/Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.220 W/kg

Rear/802.11a_Ch 124_15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.597 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.251 W/kg



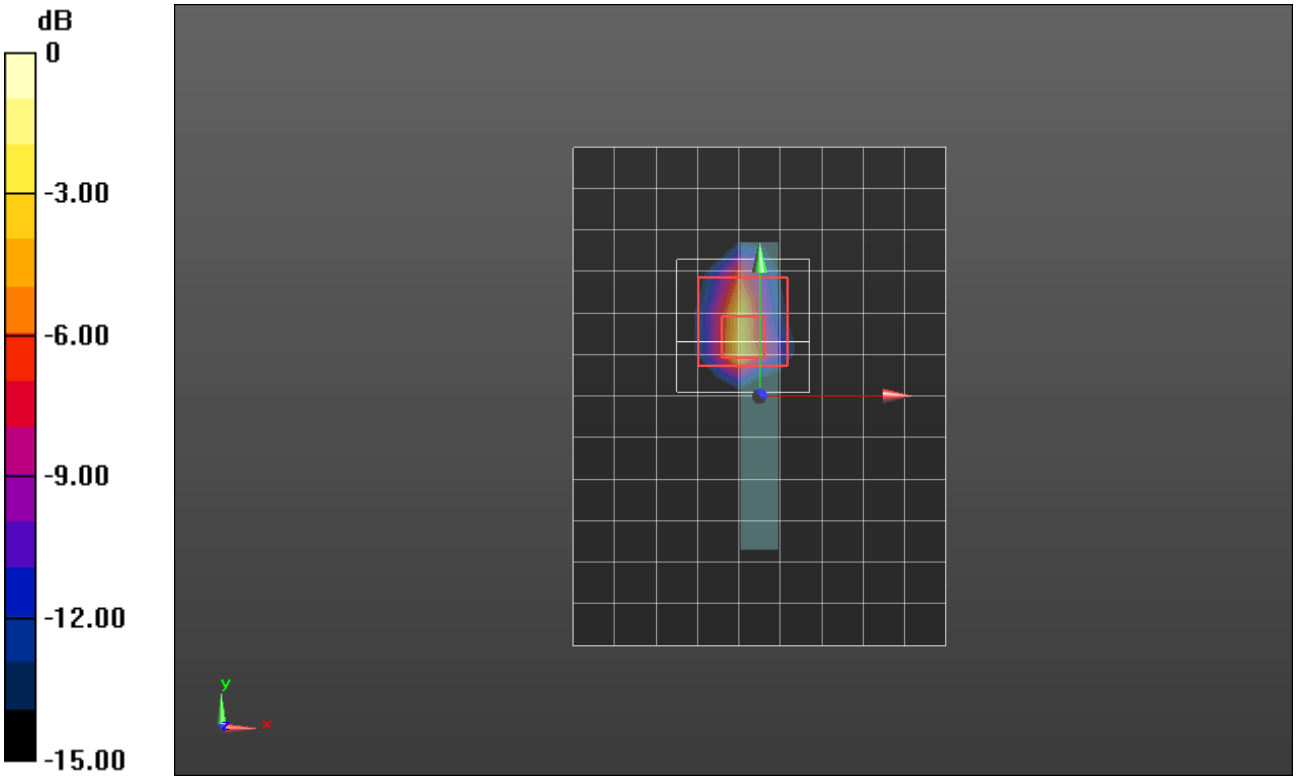
0 dB = 0.251 W/kg = -6.00 dBW/kg

Wi-Fi 5.6 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 = 5.818 S/m; ε_r = 46.926; 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 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.31, 4.31, 4.31); Calibrated: 8/17/2018, ConvF(4.31, 4.31, 4.31); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Edge 1/802.11a_Ch 124_0mm/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 5.75 W/kg

Edge 1/802.11a_Ch 124_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 26.77 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 0.567 W/kg
Maximum value of SAR (measured) = 9.02 W/kg



0 dB = 9.02 W/kg = 9.55 dBW/kg

Wi-Fi 5.8 GHz

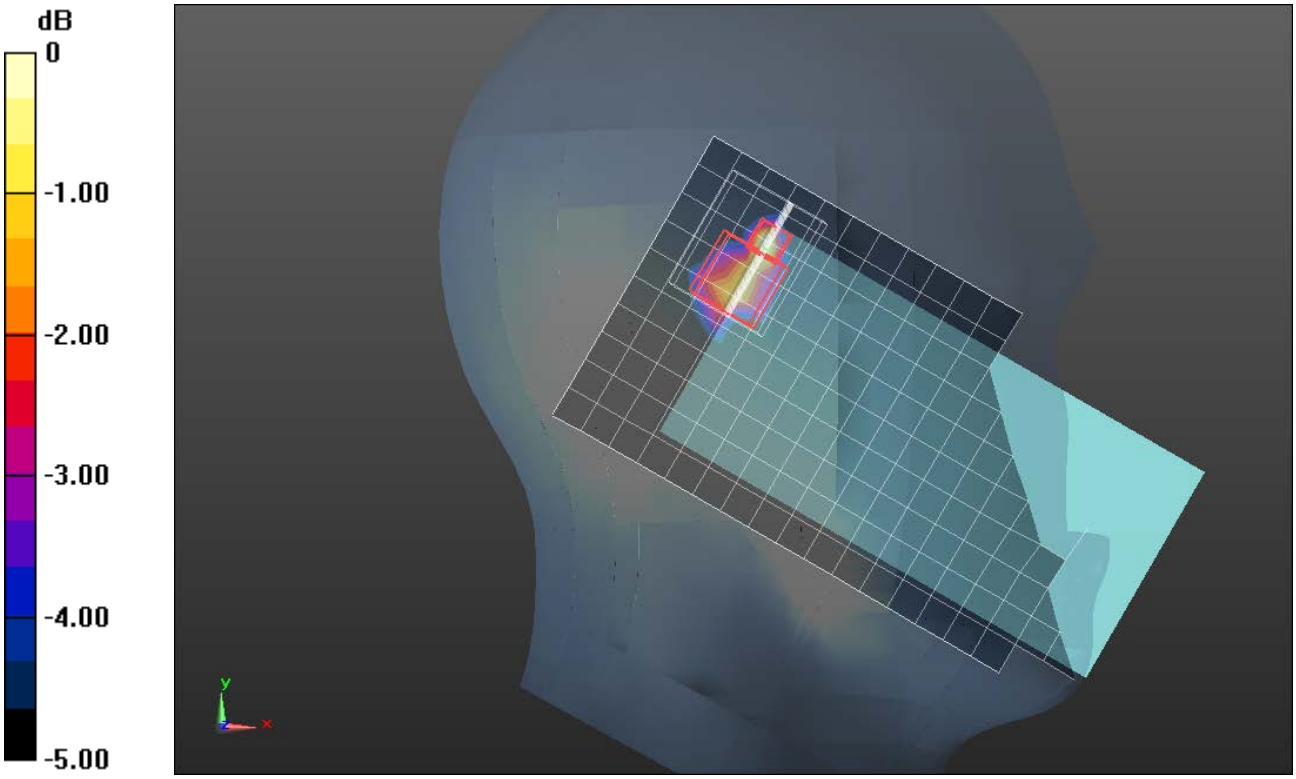
Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5775 MHz; σ = 5.097 S/m; ε_r = 35.234; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(5.18, 5.18, 5.18); Calibrated: 8/17/2018, ConvF(5.18, 5.18, 5.18); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Tilt_802.11ac VHT80_Ch 155/Area Scan (11x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.108 W/kg

LHS/Tilt_802.11ac VHT80_Ch 155/Zoom Scan (11x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.016 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

Wi-Fi 5.8 GHz

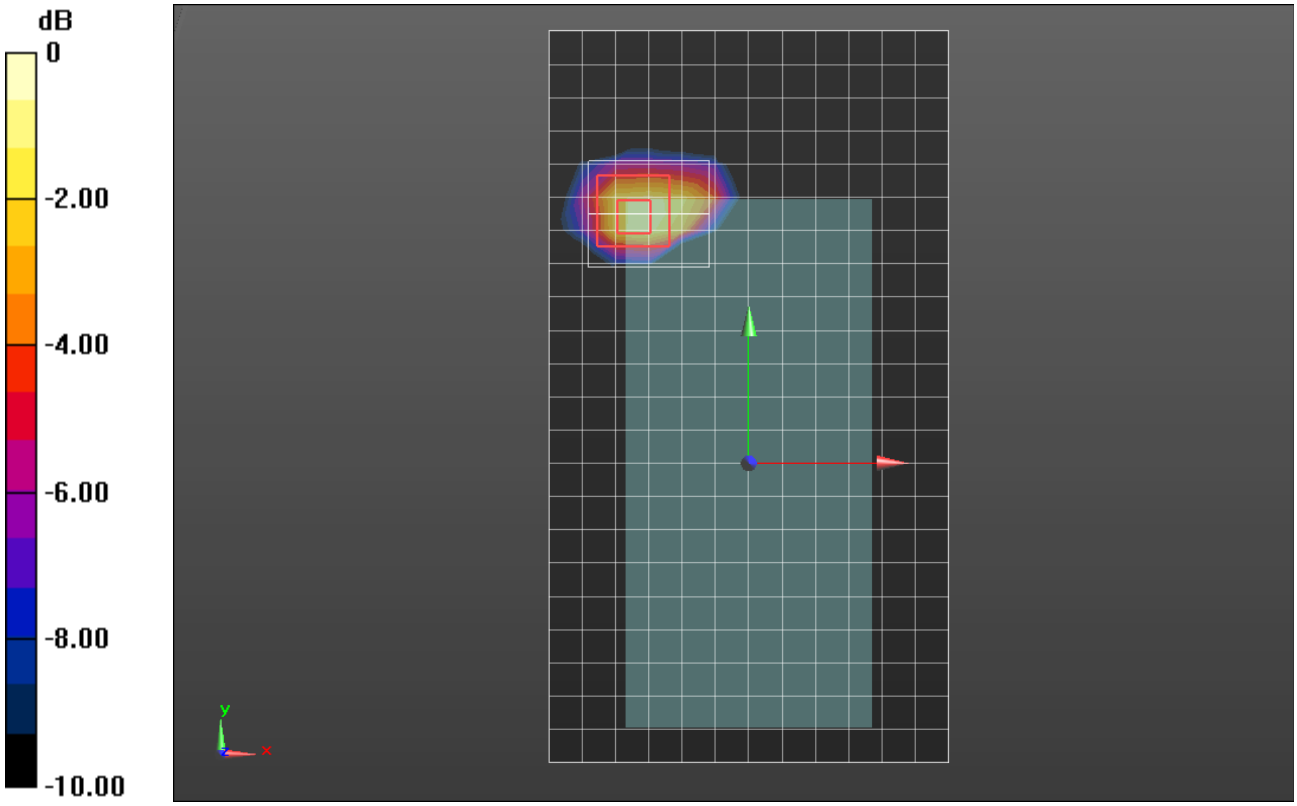
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5745 MHz; σ = 6.121 S/m; ε_r = 46.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_Ch 149_15mm/Area Scan (13x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.117 W/kg

Rear/802.11a_Ch 149_15mm/Zoom Scan (10x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.730 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Wi-Fi 5.8 GHz

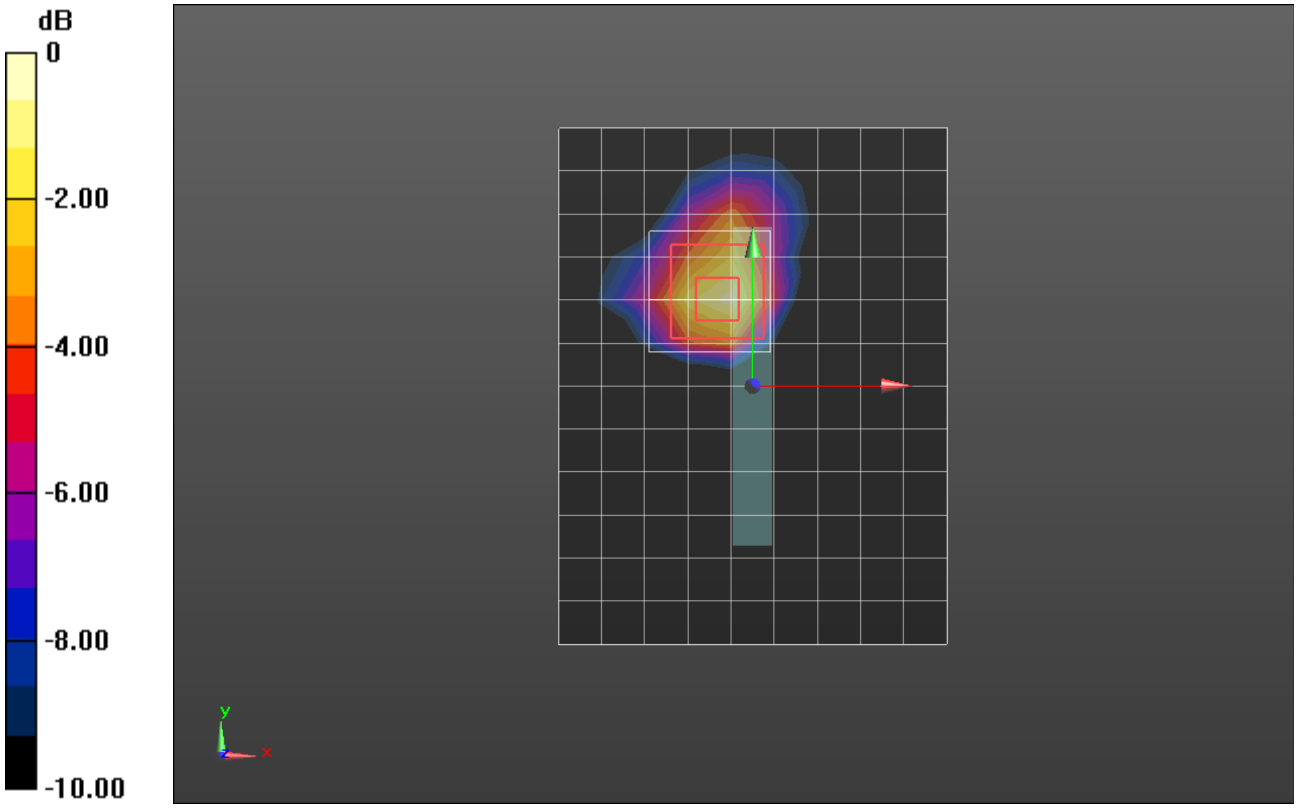
Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5745 MHz; σ = 6.121 S/m; ε_r = 46.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Edge 1/802.11a_Ch 149/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.307 W/kg

Edge 1/802.11a_Ch 149/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.214 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Bluetooth

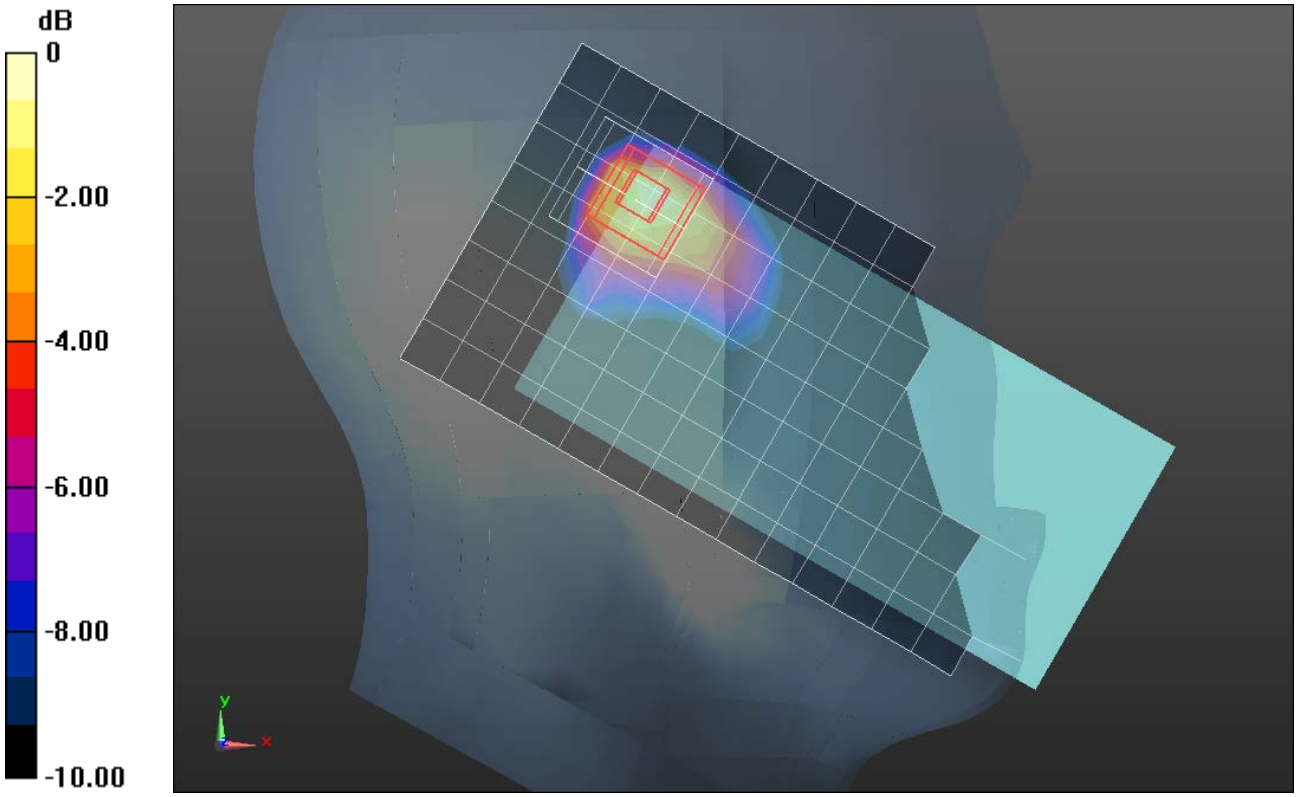
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.76 S/m; ε_r = 37.792; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.98, 6.98, 6.98); Calibrated: 2/13/2018, ConvF(6.98, 6.98, 6.98); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

LHS/Touch_GFSK DH5_ch 39/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0732 W/kg

LHS/Touch_GFSK DH5_ch 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.763 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.019 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0822 W/kg



0 dB = 0.0822 W/kg = -10.85 dBW/kg

Bluetooth

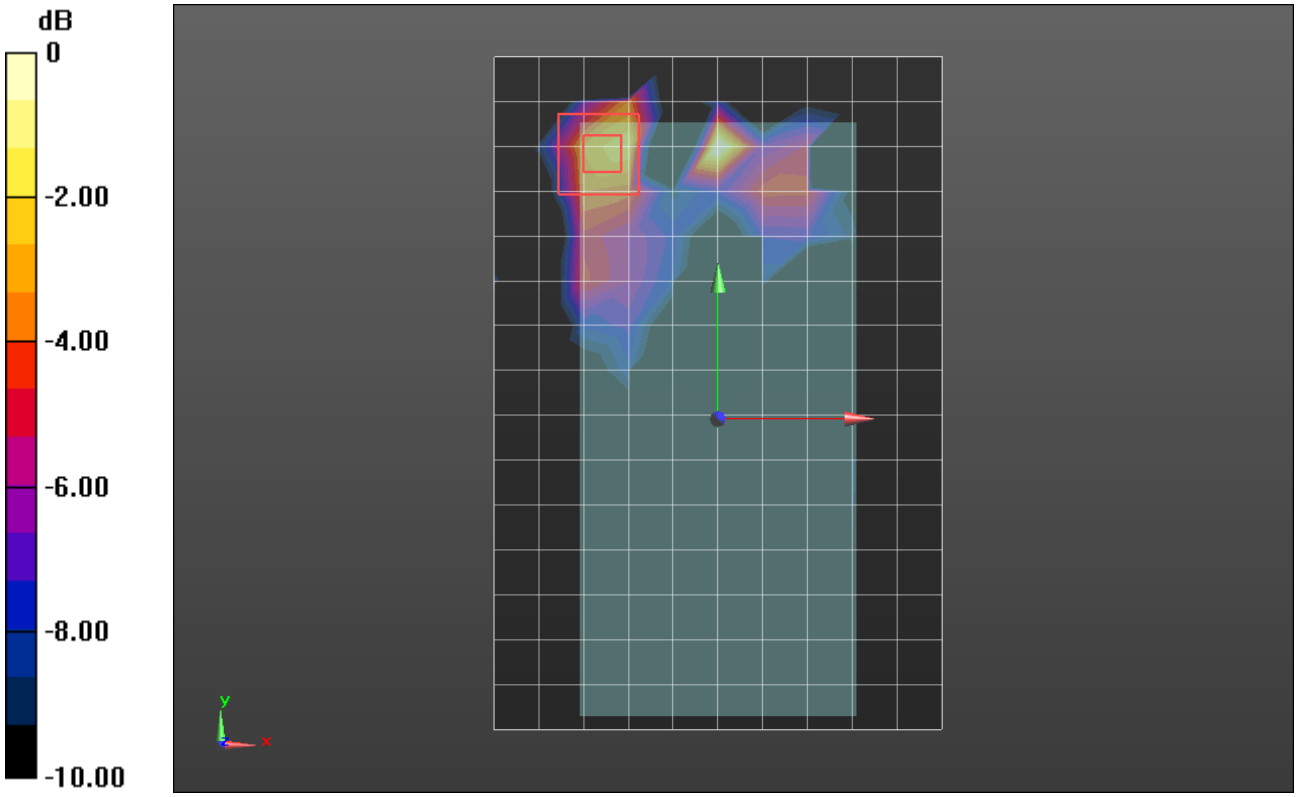
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.979 S/m; ε_r = 50.72; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018, ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/GFSK DH5_ch 39_15mm/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00917 W/kg

Rear/GFSK DH5_ch 39_15mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.015 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0120 W/kg
SAR(1 g) = 0.00394 W/kg; SAR(10 g) = 0.00124 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00754 W/kg



0 dB = 0.00754 W/kg = -21.23 dBW/kg

Bluetooth

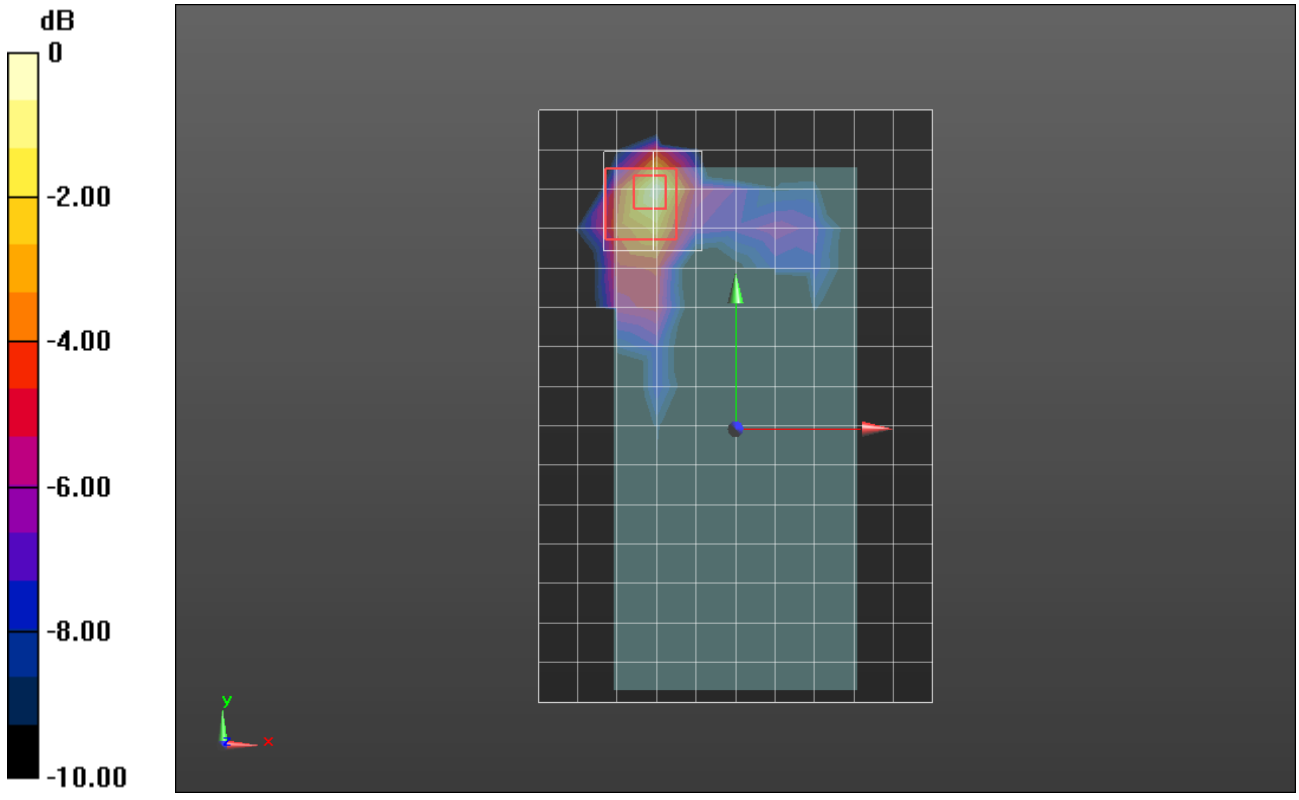
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.979 S/m; ε_r = 50.72; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018, ConvF(6.97, 6.97, 6.97); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/GFSK DH5_ch 39_10mm/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0241 W/kg

Rear/GFSK DH5_ch 39_10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.043 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00467 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0240 W/kg



0 dB = 0.0240 W/kg = -16.20 dBW/kg