GSM 850

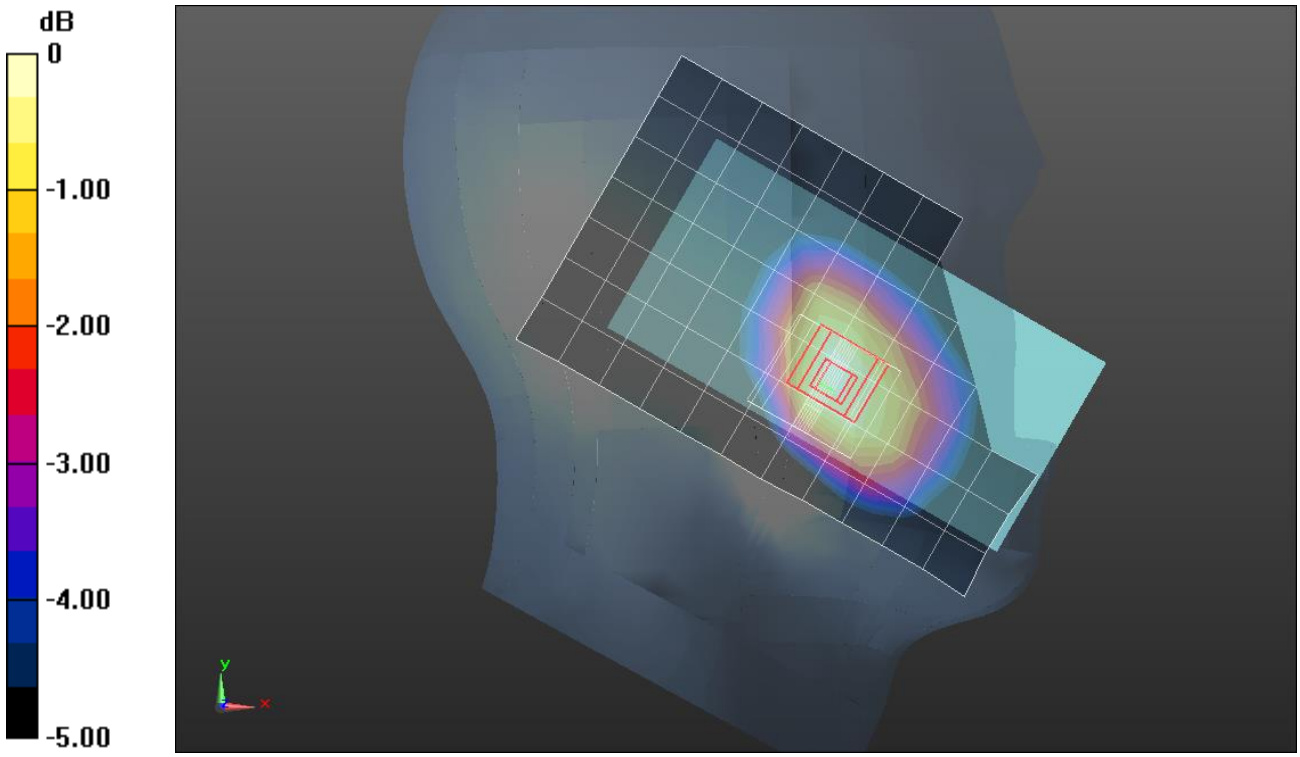
Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.916 S/m; ε_r = 41.308; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GPRS 4 Slots ch_190/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.307 W/kg

LHS/Touch_GPRS 4 Slots ch_190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.365 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.210 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; 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 = 53.006; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/GPRS 4 slots_ch 190/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

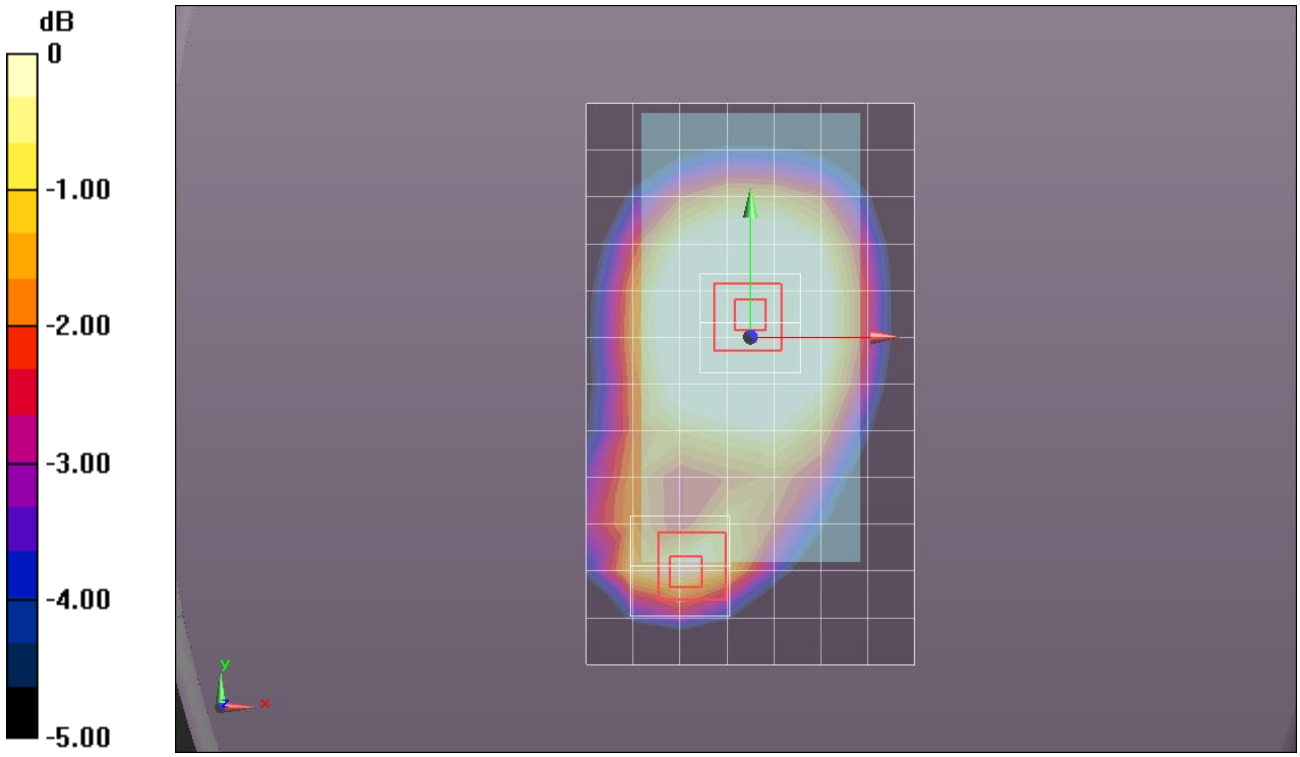
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.296 W/kg

Front/GPRS 4 slots_ch 190/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.804 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.205 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.302 W/kg

Front/GPRS 4 slots_ch 190/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.804 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.101 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; 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 = 53.006; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Edge 4/GPRS 4 slots_ch 190/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

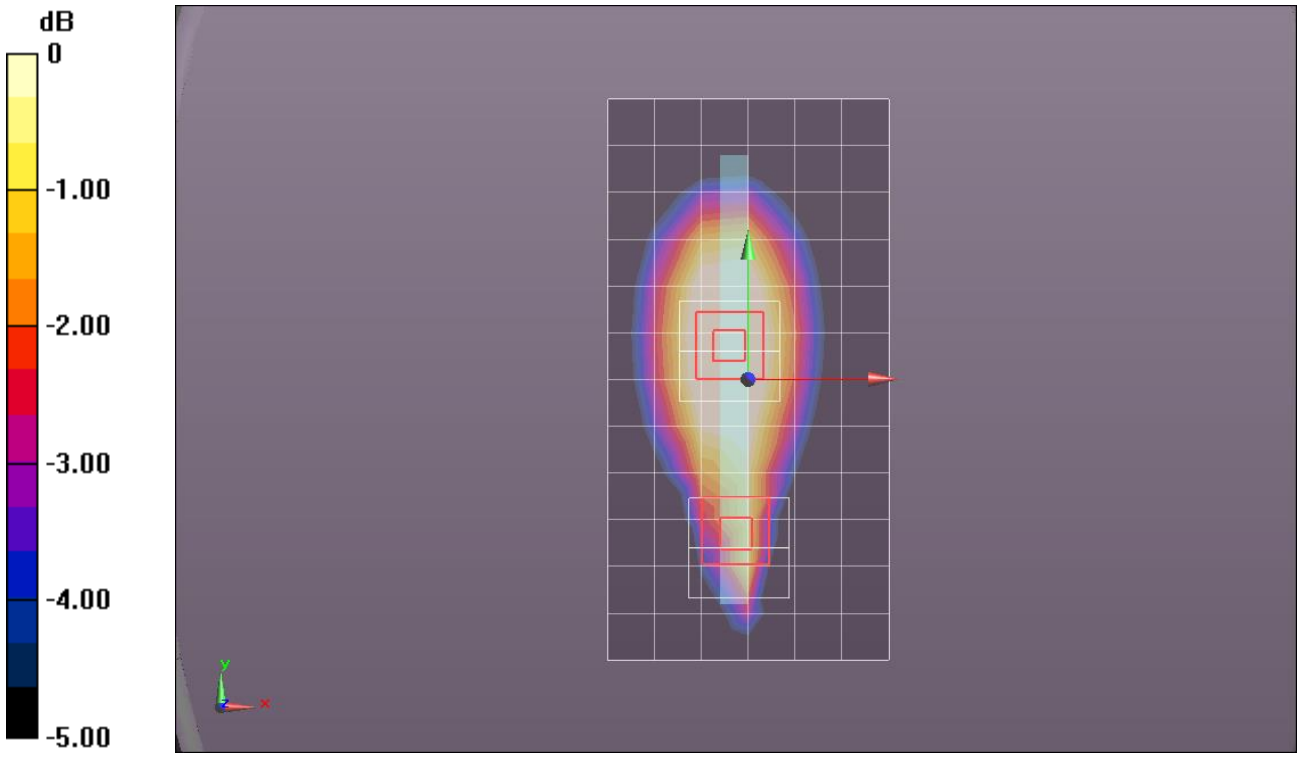
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.261 W/kg

Edge 4/GPRS 4 slots_ch 190/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.162 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.340 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.167 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.287 W/kg

Edge 4/GPRS 4 slots_ch 190/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.162 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.096 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

GSM 850 DTM

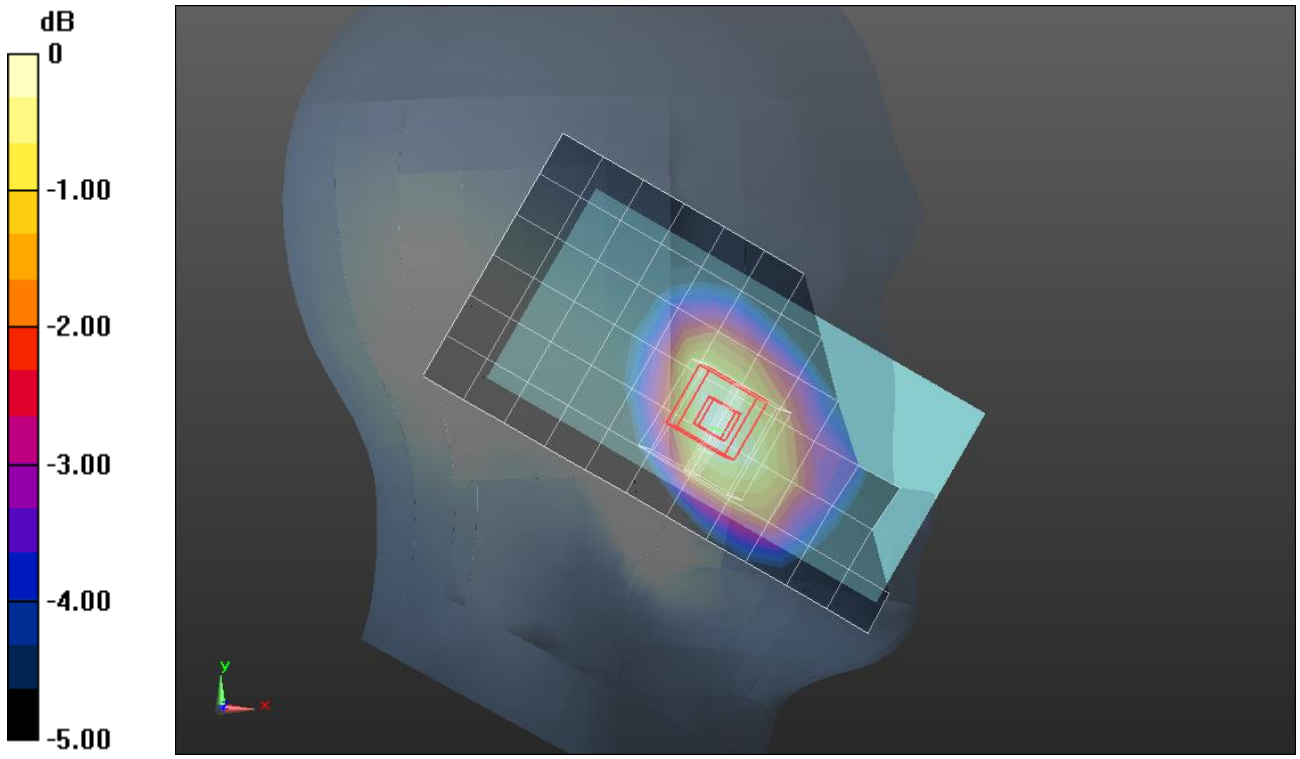
Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.916 S/m; ε_r = 41.308; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GSM DTM_CS+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) = 0.392 W/kg

LHS/Touch_GSM DTM_CS+2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.866 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.262 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.394 W/kg



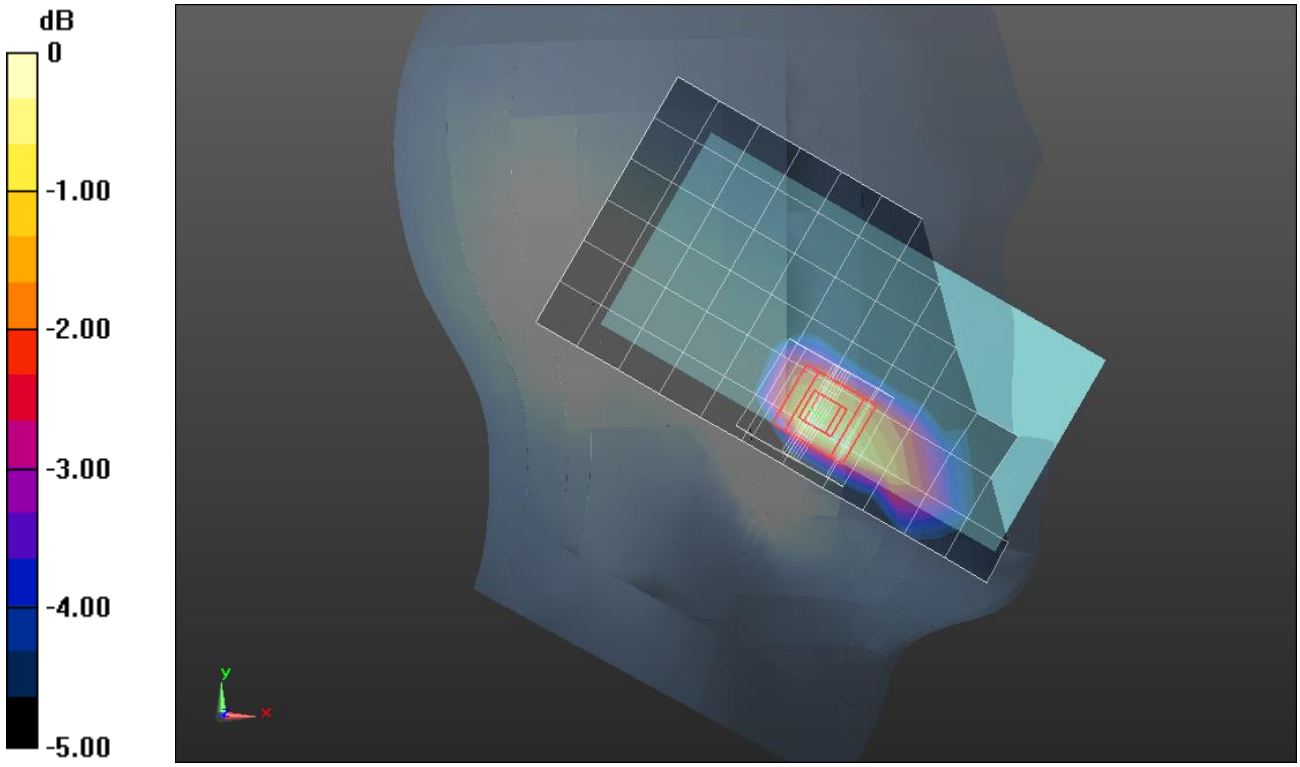
0 dB = 0.394 W/kg = -4.05 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.364 S/m; ε_r = 39.965; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.59, 7.59, 7.59); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_GPRS 4 Slots_ch 661/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.170 W/kg

LHS/Touch_GPRS 4 Slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.517 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.190 W/kg



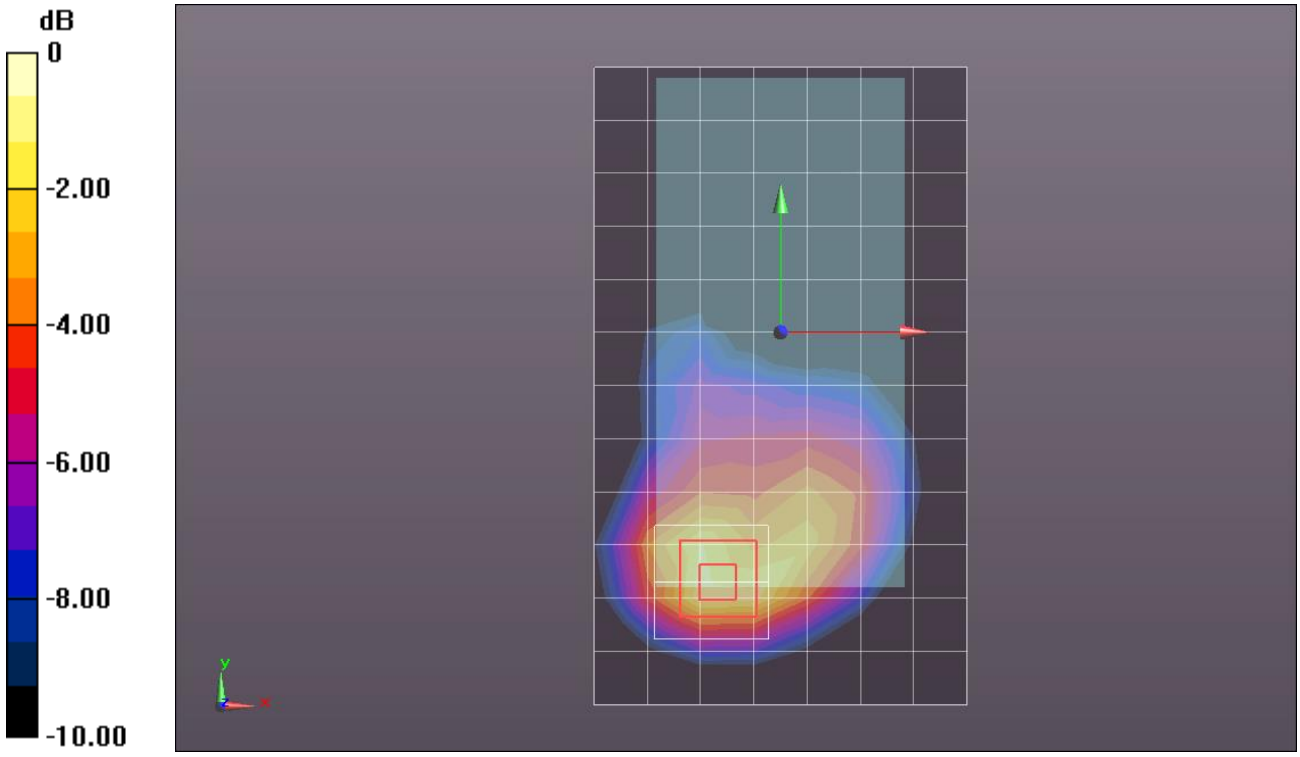
0 dB = 0.190 W/kg = -7.21 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/GPRS 4 slots_ch 661/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.250 W/kg

Front/GPRS 4 slots_ch 661/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.225 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.380 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.304 W/kg



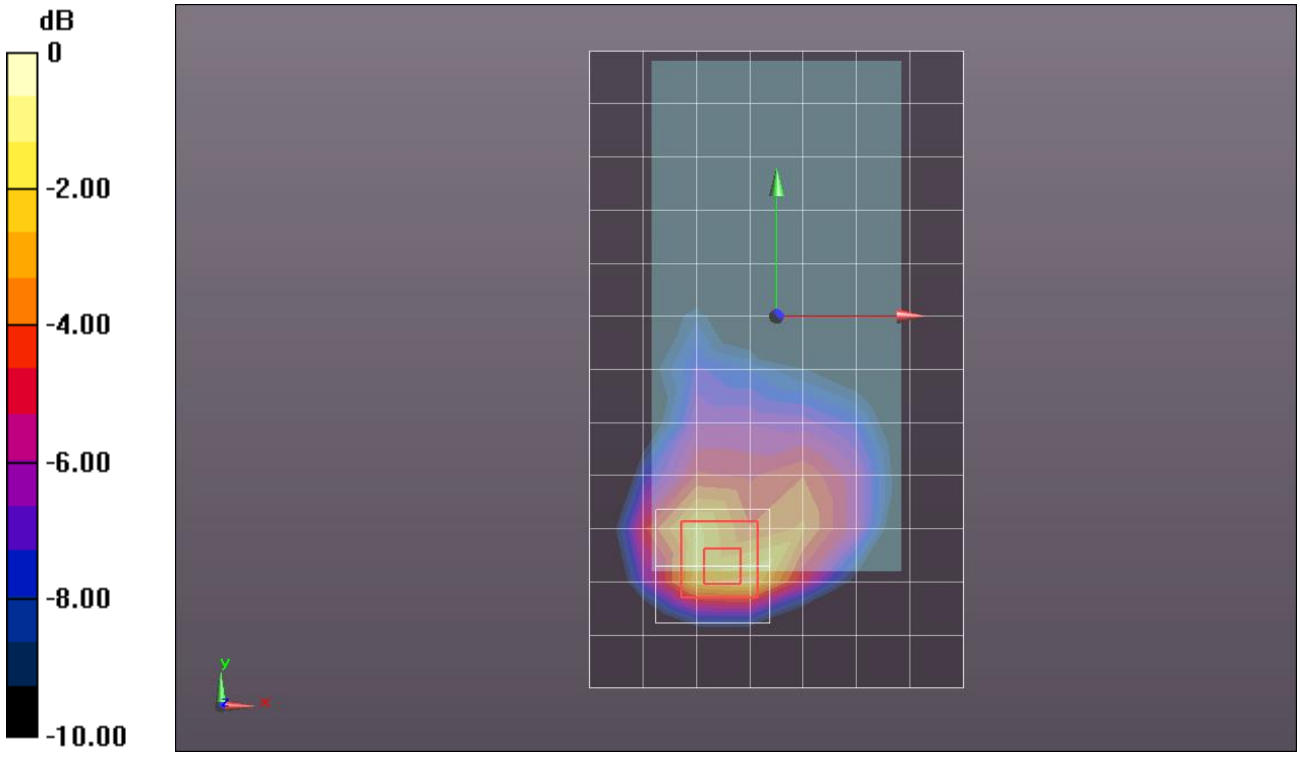
0 dB = 0.304 W/kg = -5.17 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/GPRS 4 slots_ch 661/10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.249 W/kg

Front/GPRS 4 slots_ch 661/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.794 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.312 W/kg



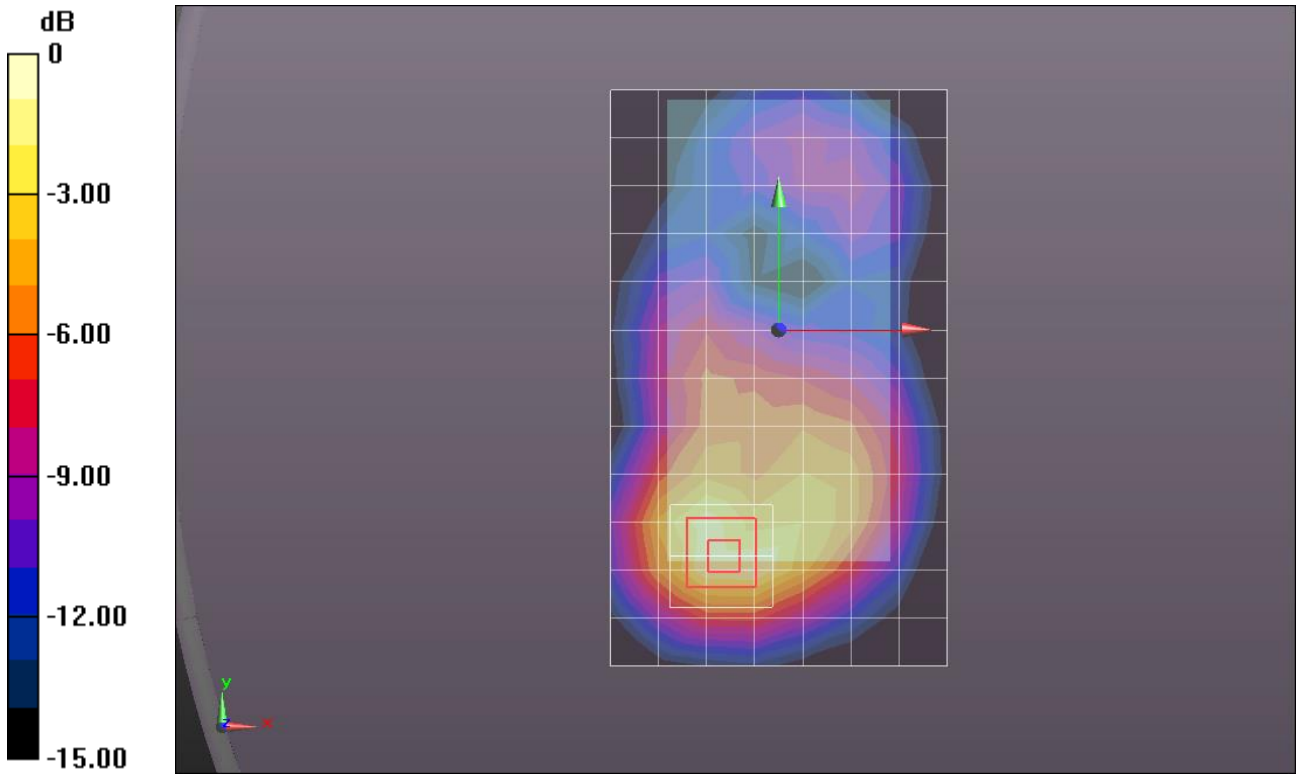
0 dB = 0.312 W/kg = -5.06 dBW/kg

GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- 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

Front/DTM CS + GPRS 2 slots_ch 661/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.324 W/kg

Front/DTM CS + GPRS 2 slots_ch 661/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.109 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



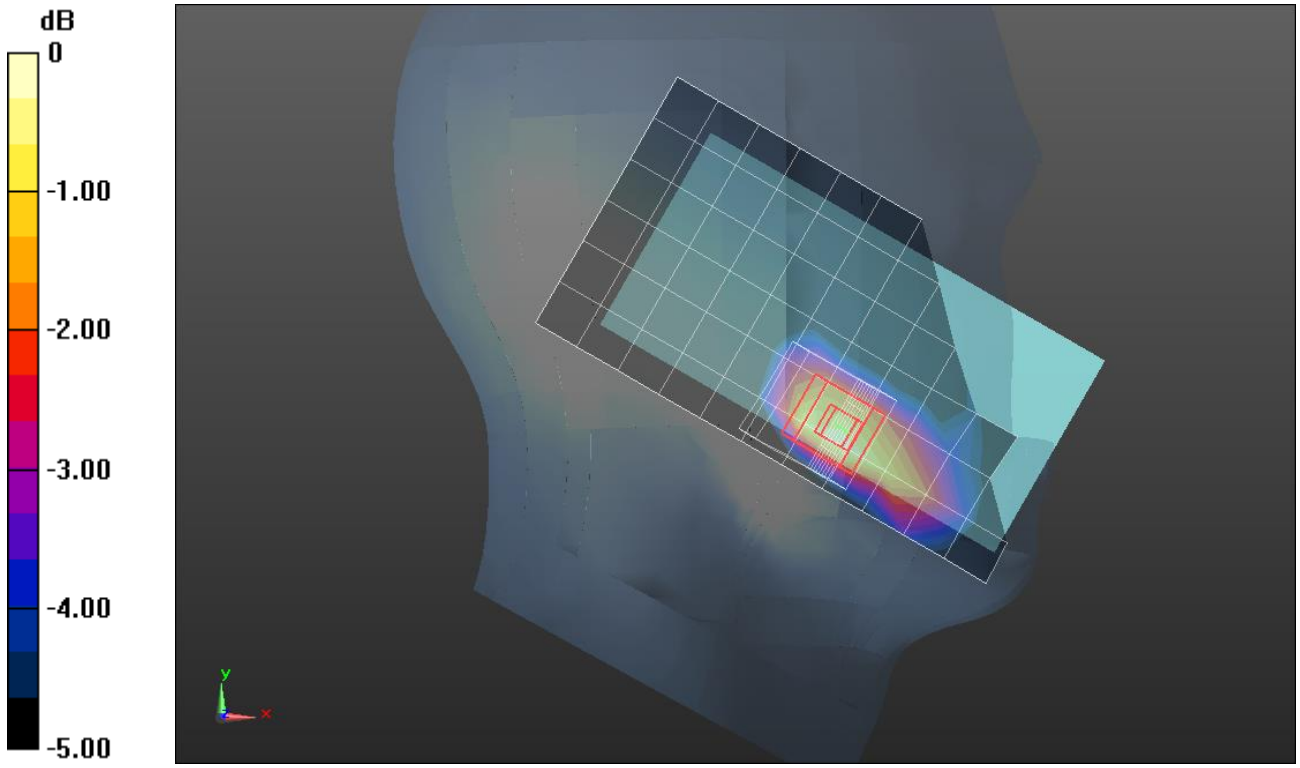
0 dB = 0.395 W/kg = -4.03 dBW/kg

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 = 1.364 S/m; ε_r = 39.965; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.59, 7.59, 7.59); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_Rel.99 RMC_ch 9400/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.286 W/kg

LHS/Touch_Rel.99 RMC_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.571 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.306 W/kg



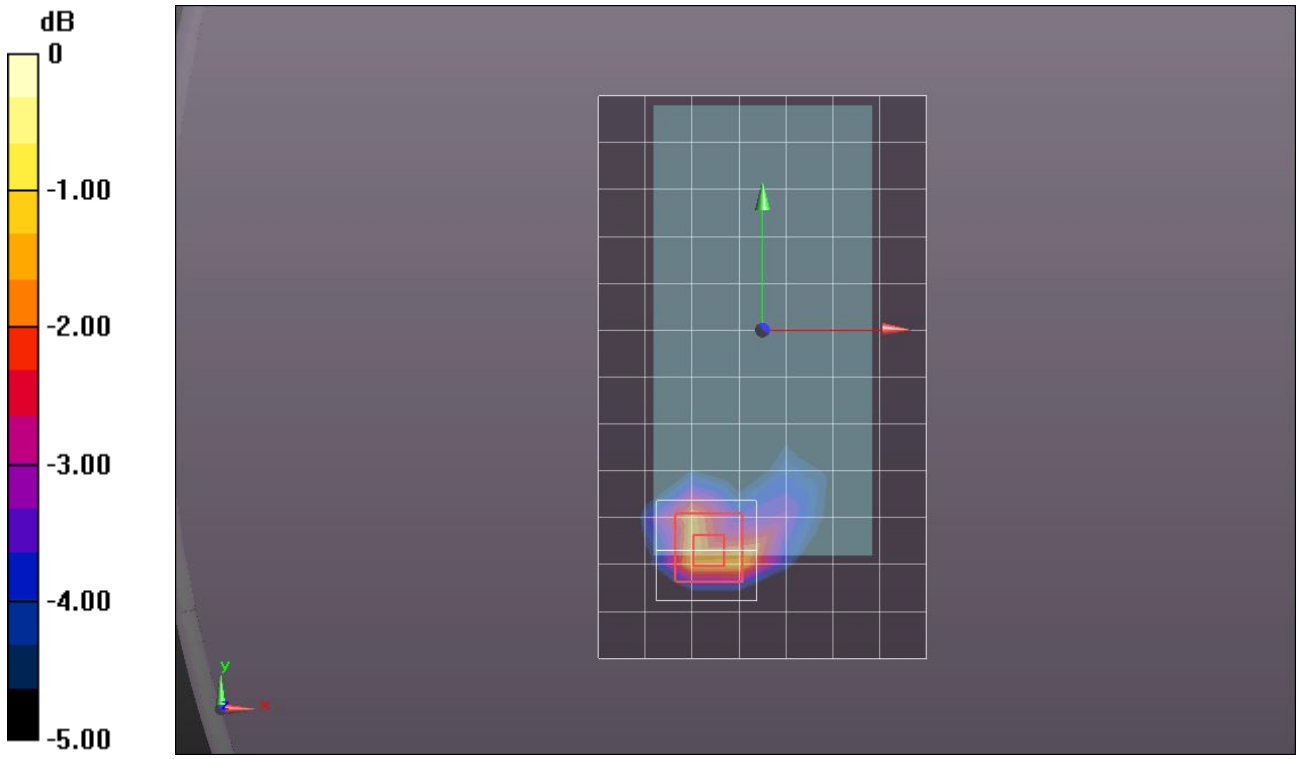
0 dB = 0.306 W/kg = -5.14 dBW/kg

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 = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- 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

Front/Rel.99 RMC_ch 9400/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.536 W/kg

Front/Rel.99 RMC_ch 9400/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.404 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.844 W/kg
SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.295 W/kg
Maximum value of SAR (measured) = 0.671 W/kg



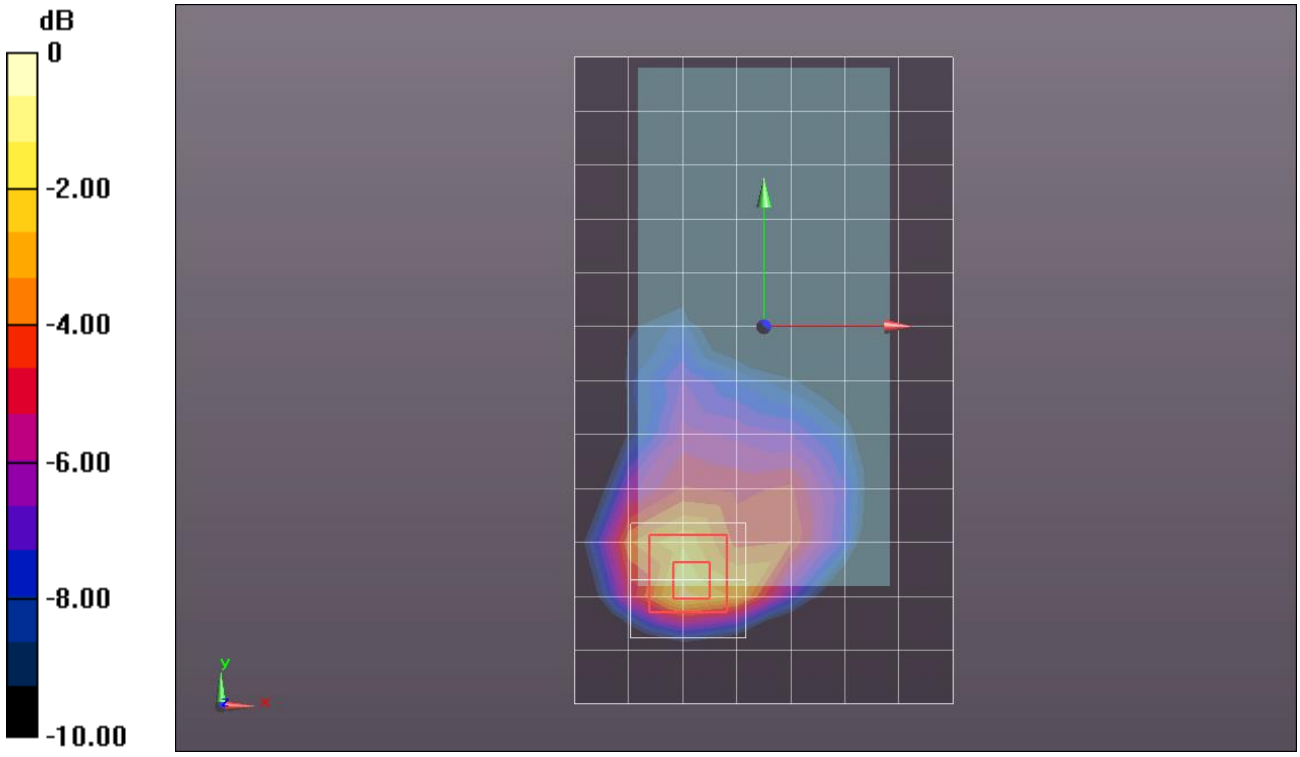
0 dB = 0.671 W/kg = -1.73 dBW/kg

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 = 1.43 S/m; ε_r = 52.566; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/Rel.99 RMC_ch 9400/10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.354 W/kg

Front/Rel.99 RMC_ch 9400/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.917 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

W-CDMA Band IV

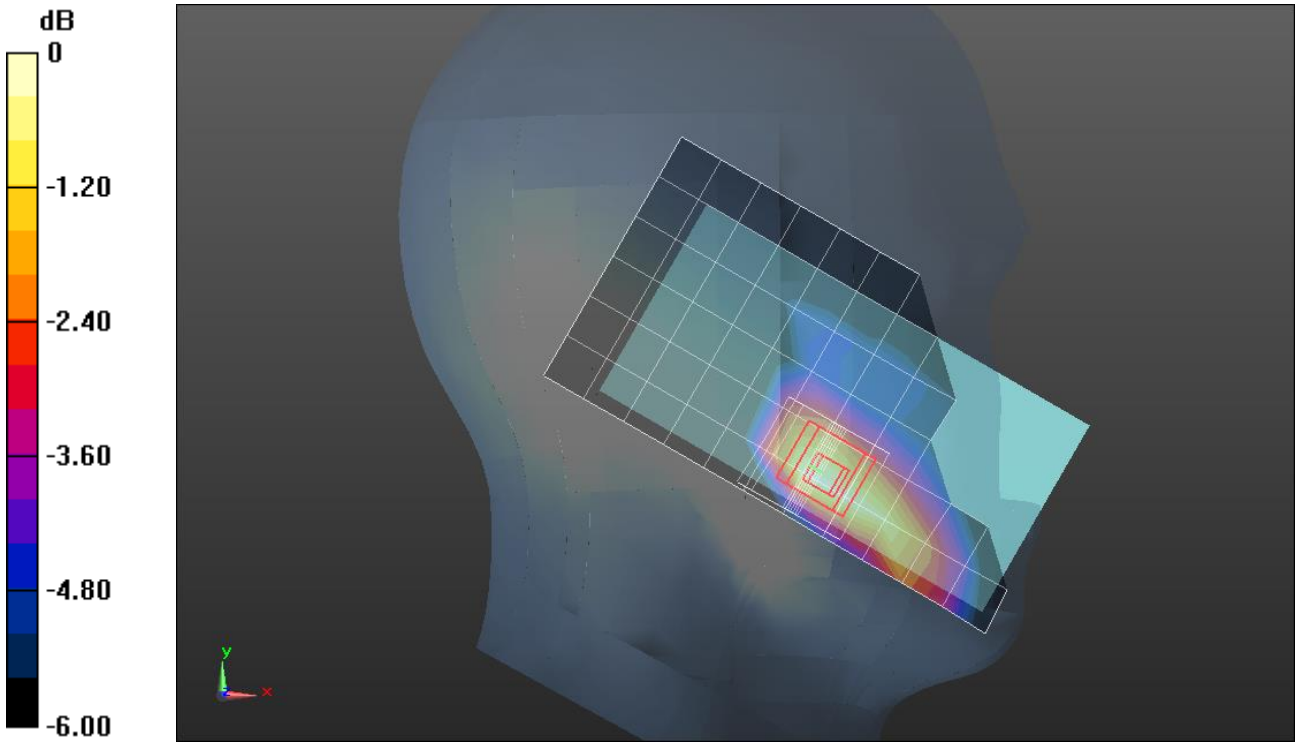
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.322 S/m; ε_r = 39.112; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.75, 8.75, 8.75); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

LHS/Touch_Rel.99 RMC Ch.1413/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.367 W/kg

LHS/Touch_Rel.99 RMC Ch.1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.456 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.193 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

W-CDMA Band IV

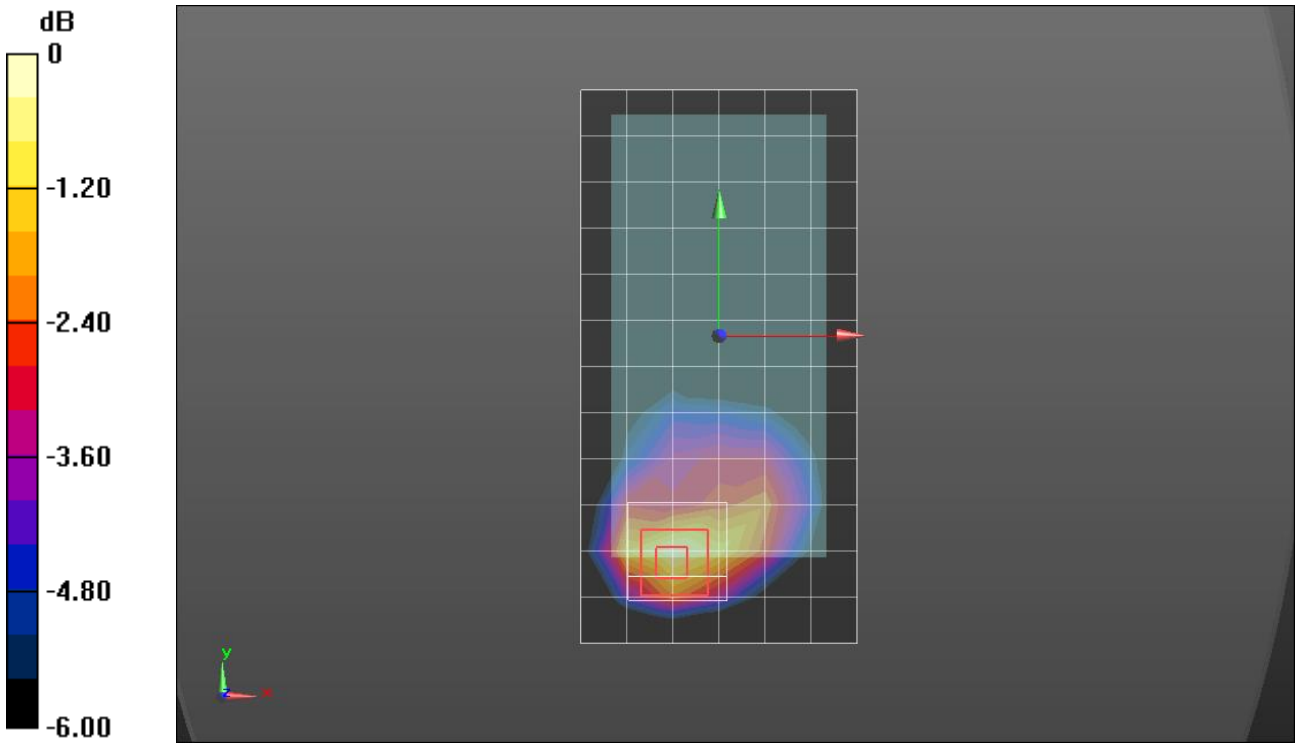
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.457 S/m; ε_r = 51.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.36, 8.36, 8.36); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Front/Rel.99 RMC Ch.1413 15mm/Area Scan 2 (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.669 W/kg

Front/Rel.99 RMC Ch.1413 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.649 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.329 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 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 = 1.457 S/m; ε_r = 51.417; 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 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.36, 8.36, 8.36); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

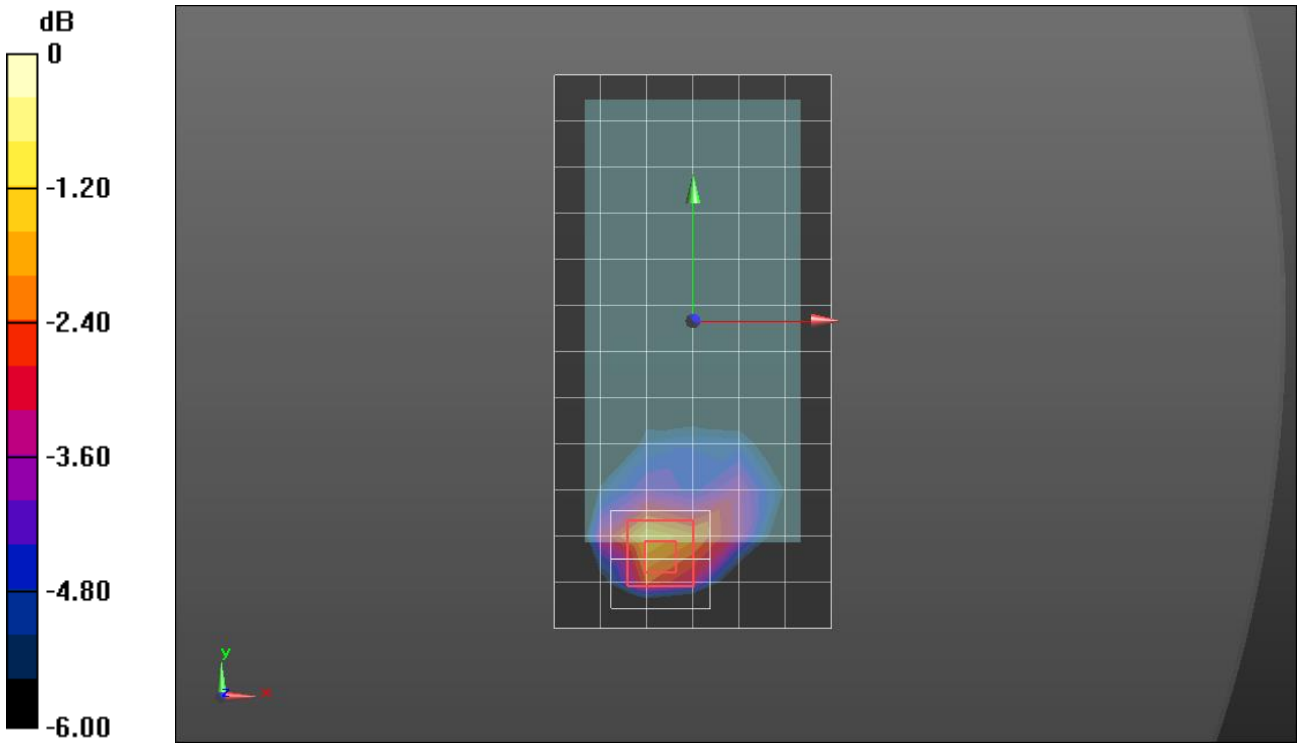
Front/Rel.99 RMC Ch.1413 10mm/Area Scan 2 (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.383 W/kg

Front/Rel.99 RMC Ch.1413 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.077 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.634 W/kg
SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.203 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.497 W/kg



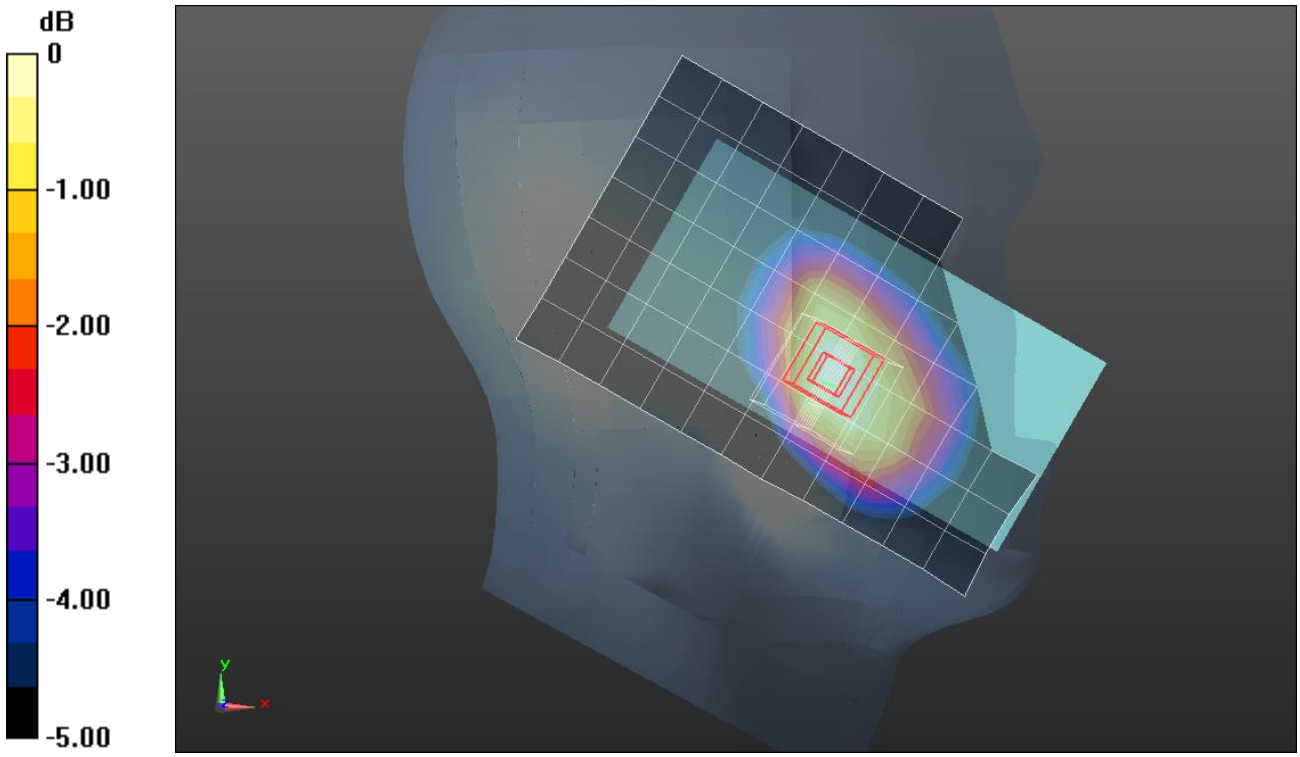
0 dB = 0.497 W/kg = -3.04 dBW/kg

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 = 0.916 S/m; ε_r = 41.308; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_Rel.99 RMC_ch 4183/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.461 W/kg

LHS/Touch_Rel.99 RMC_ch 4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.539 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.312 W/kg
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.461 W/kg = -3.36 dBW/kg

W-CDMA Band V

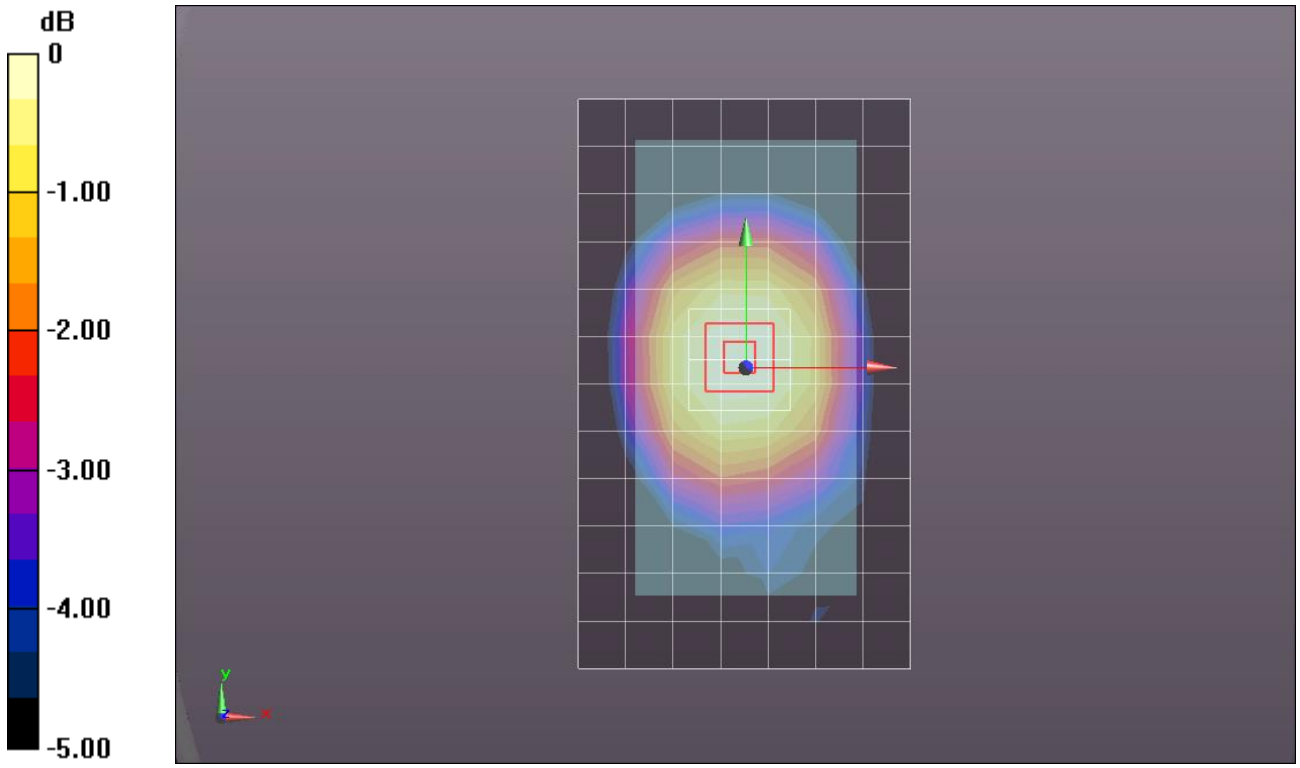
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.016 S/m; ε_r = 52.774; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.326 W/kg

Rear/Rel.99 RMC Ch.4183 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.111 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.226 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/kg

W-CDMA Band V

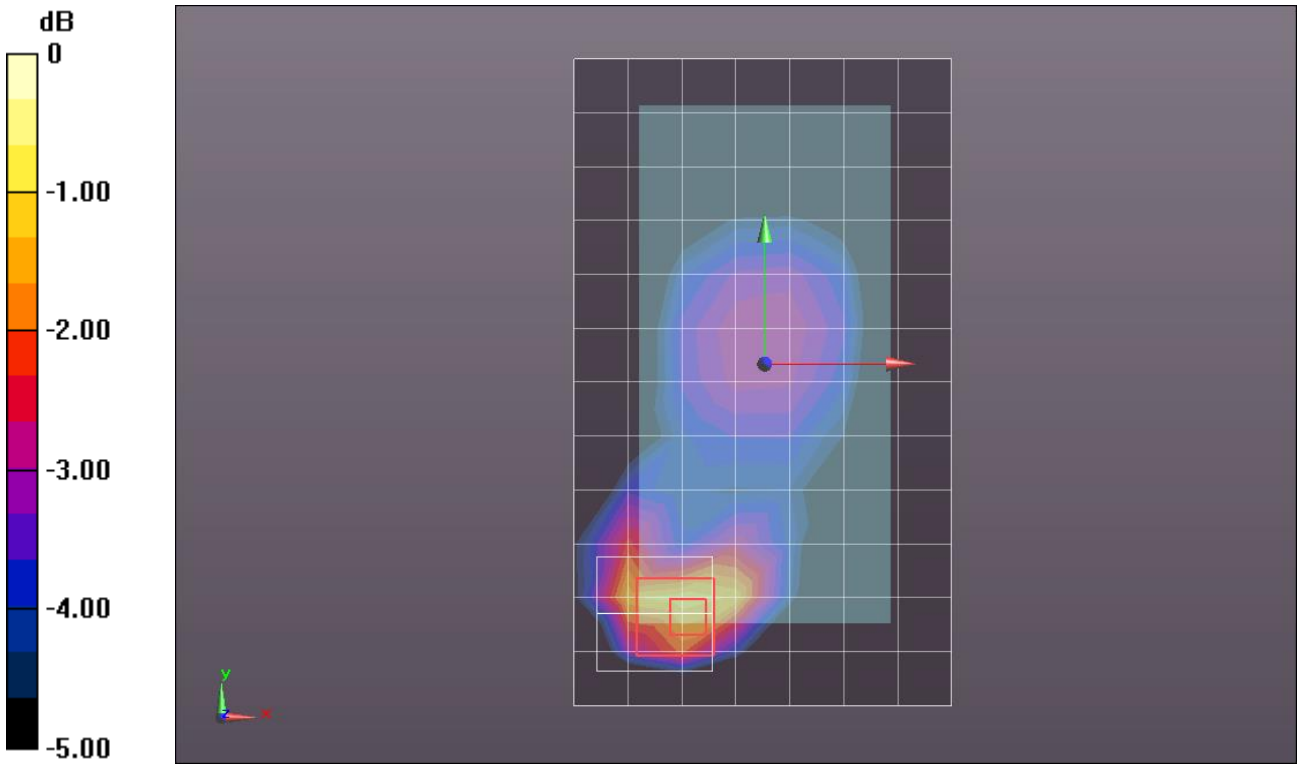
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.016 S/m; ε_r = 52.774; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- 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/Rel.99 RMC Ch.4183 10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.379 W/kg

Front/Rel.99 RMC Ch.4183 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.590 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.628 W/kg
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.185 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.451 W/kg



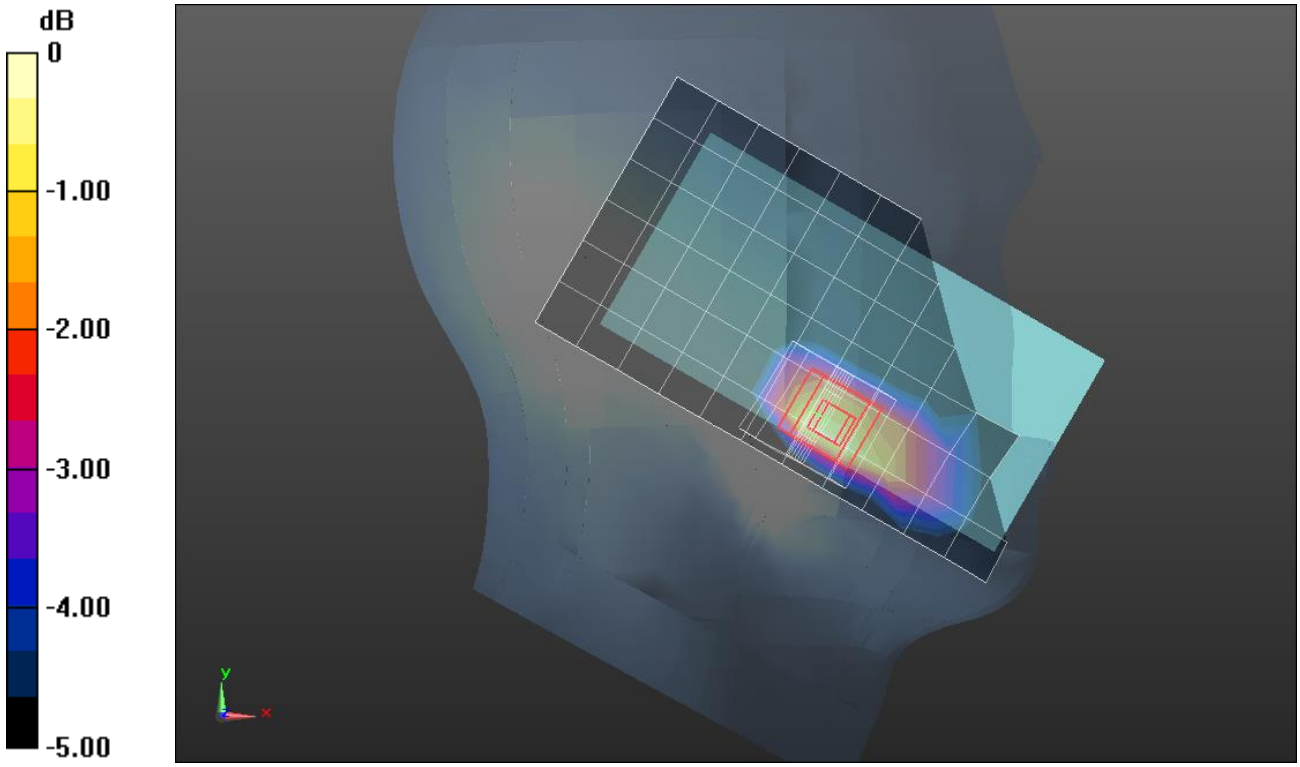
0 dB = 0.451 W/kg = -3.46 dBW/kg

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 = 1.364 S/m; ε_r = 39.965; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.59, 7.59, 7.59); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK_RB 1/49_ch 18900/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.221 W/kg

LHS/Touch_QPSK_RB 1/49_ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.938 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.249 W/kg



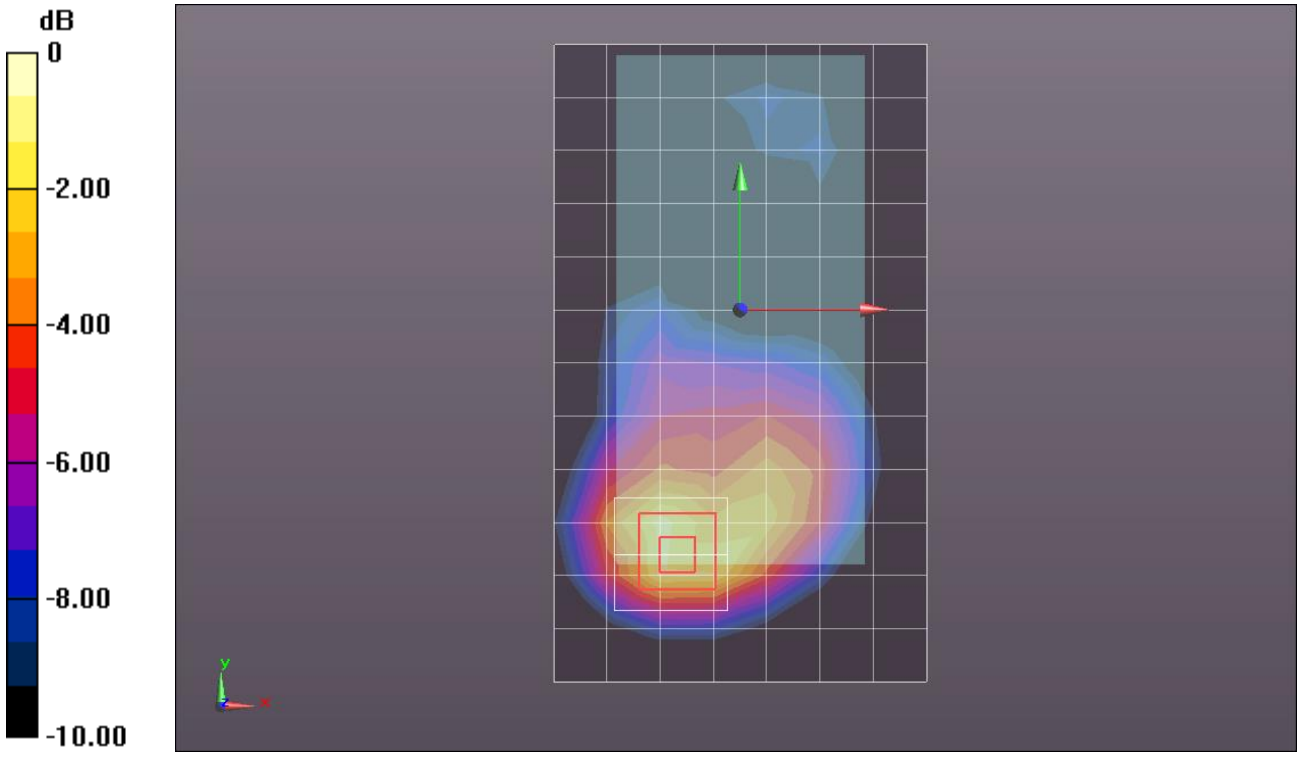
0 dB = 0.249 W/kg = -6.04 dBW/kg

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 = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

Front/QPSK RB 1/49 ch_18900/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.384 W/kg

Front/QPSK RB 1/49 ch_18900/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.245 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.606 W/kg
SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.483 W/kg



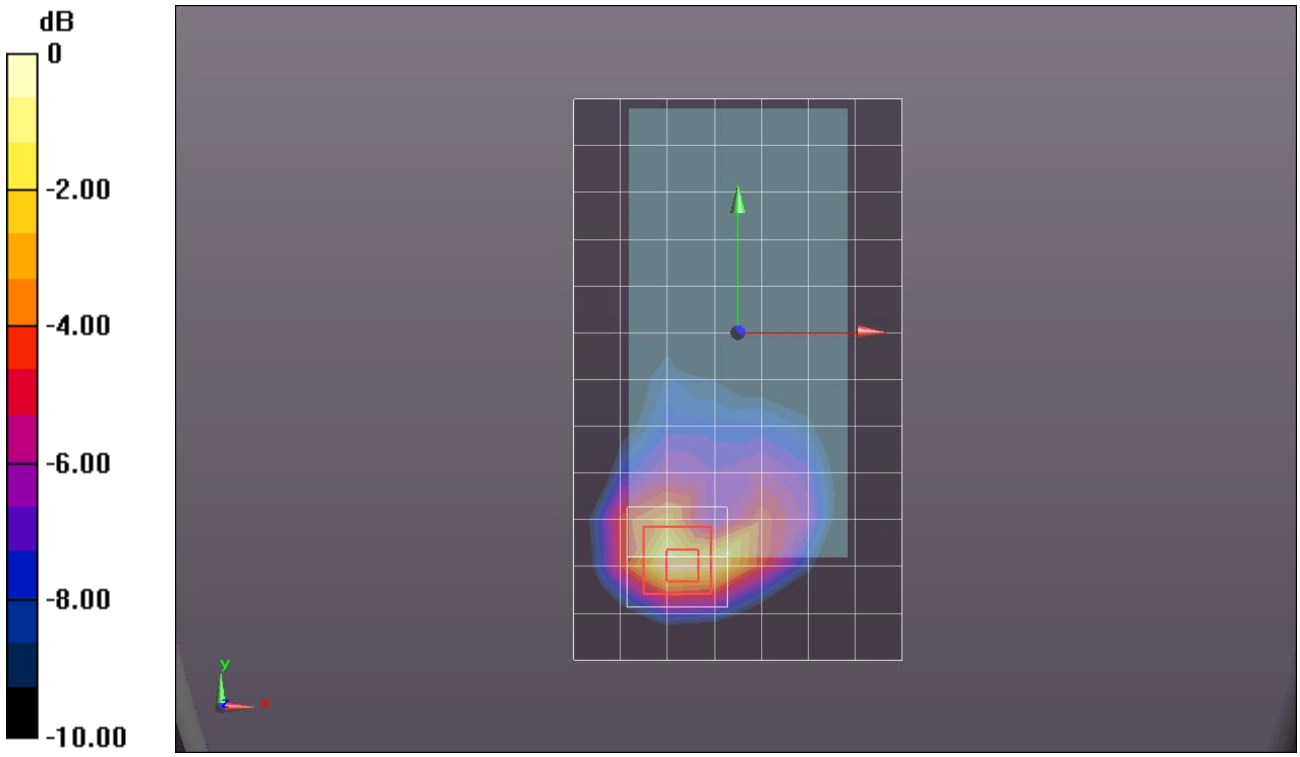
0 dB = 0.483 W/kg = -3.16 dBW/kg

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 = 1.443 S/m; ε_r = 51.784; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(7.24, 7.24, 7.24); Calibrated: 1/26/2016;
- 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

Front/QPSK RB 50/24 ch_18900/10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.433 W/kg

Front/QPSK RB 50/24 ch_18900/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.635 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.451 W/kg



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

LTE Band 4

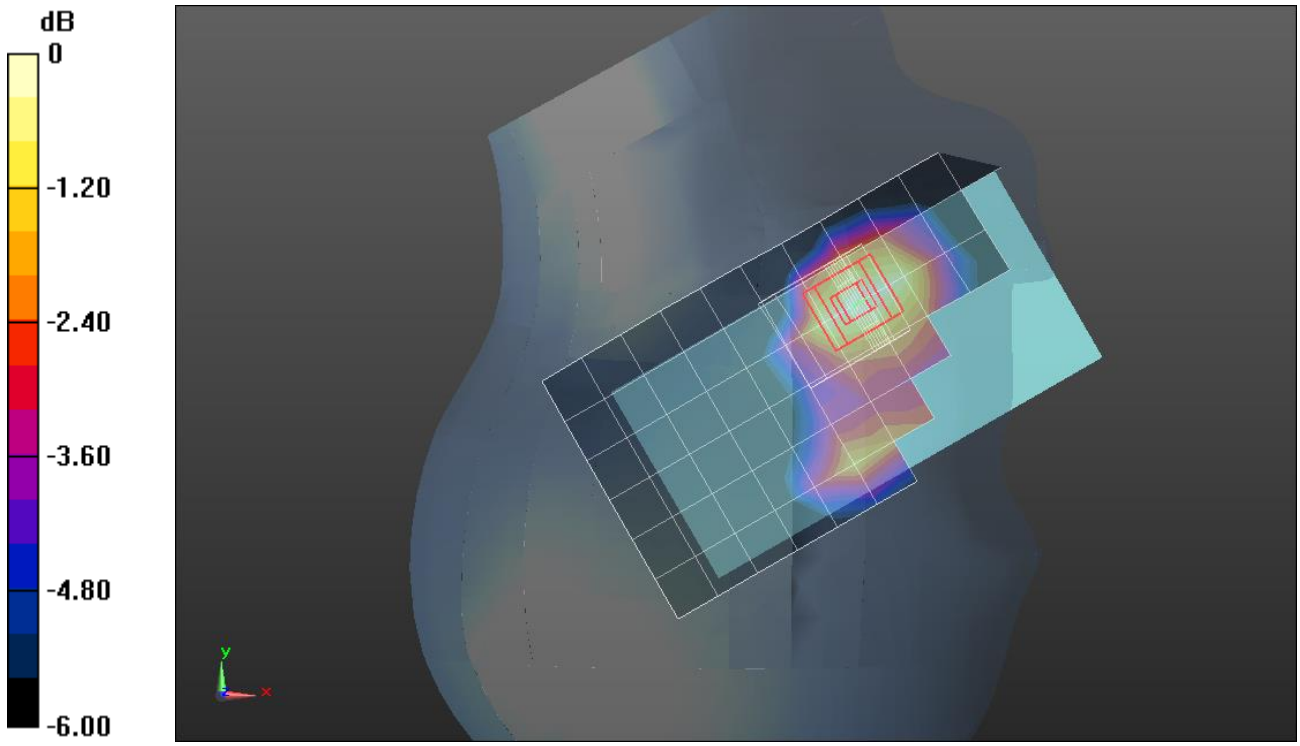
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.322 S/m; ε_r = 39.113; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.75, 8.75, 8.75); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

RHS/Touch QPSK RB 1/49 CH 20175/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.263 W/kg

RHS/Touch QPSK RB 1/49 CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.898 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.139 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

LTE Band 4

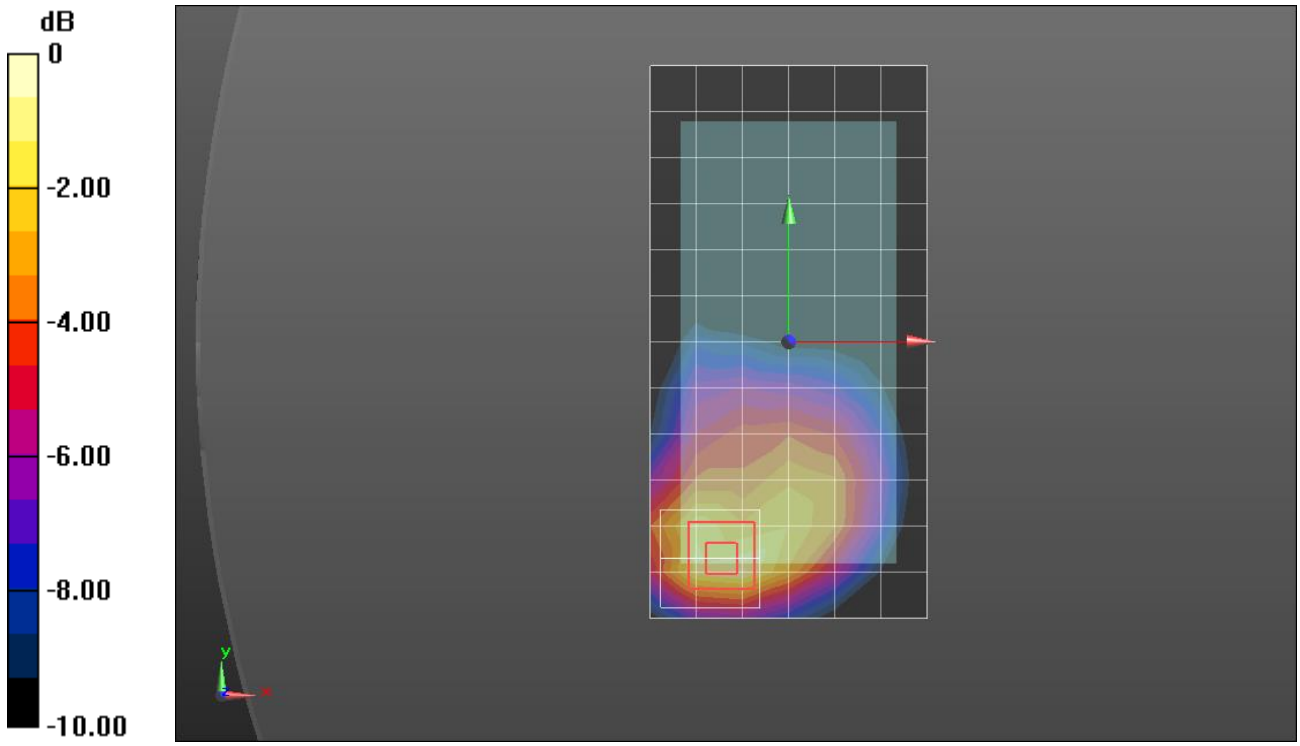
Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.456 S/m; ε_r = 51.418; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.36, 8.36, 8.36); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Front/QPSK RB 1/49 CH 20175/15mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.557 W/kg

Front/QPSK RB 1/49 CH 20175/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.699 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.802 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.286 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.626 W/kg



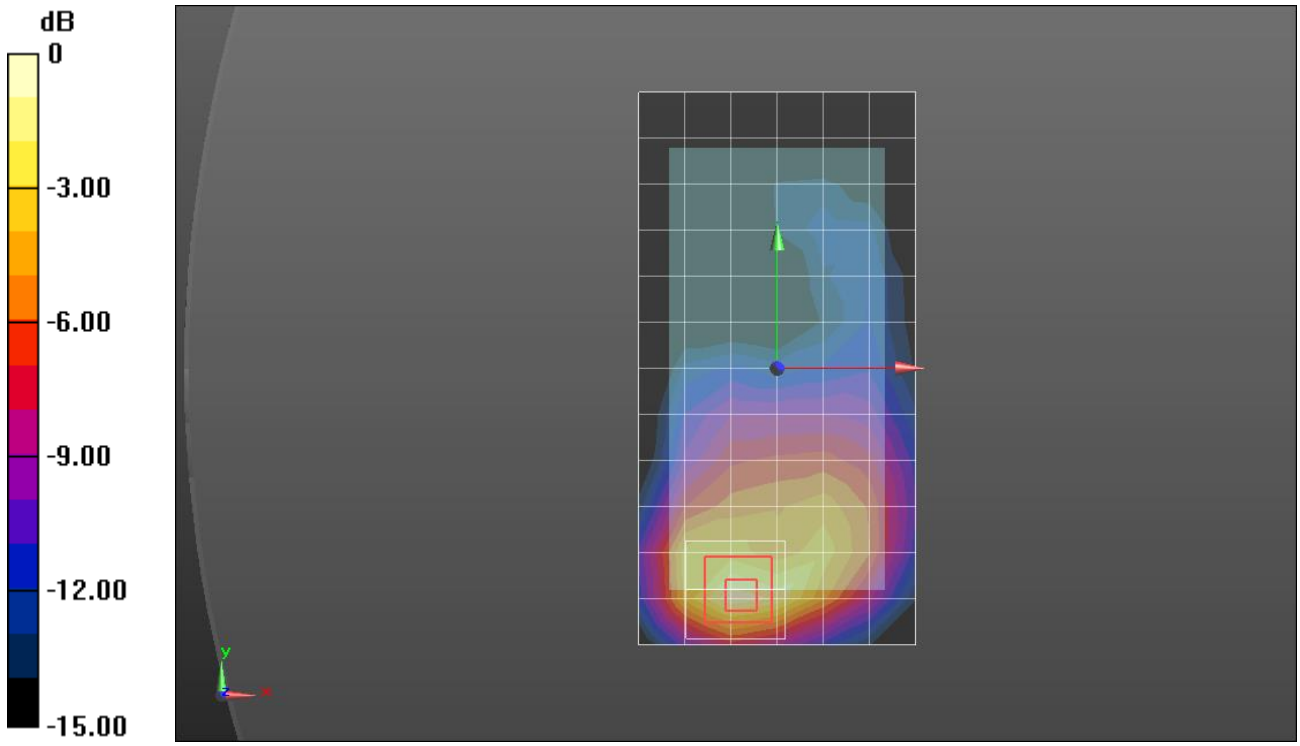
0 dB = 0.626 W/kg = -2.03 dBW/kg

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 = 1.456 S/m; ε_r = 51.418; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(8.36, 8.36, 8.36); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Front/QPSK RB 50/24 CH 20175/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.396 W/kg

Front/QPSK RB 50/24 CH 20175/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.685 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.167 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.411 W/kg



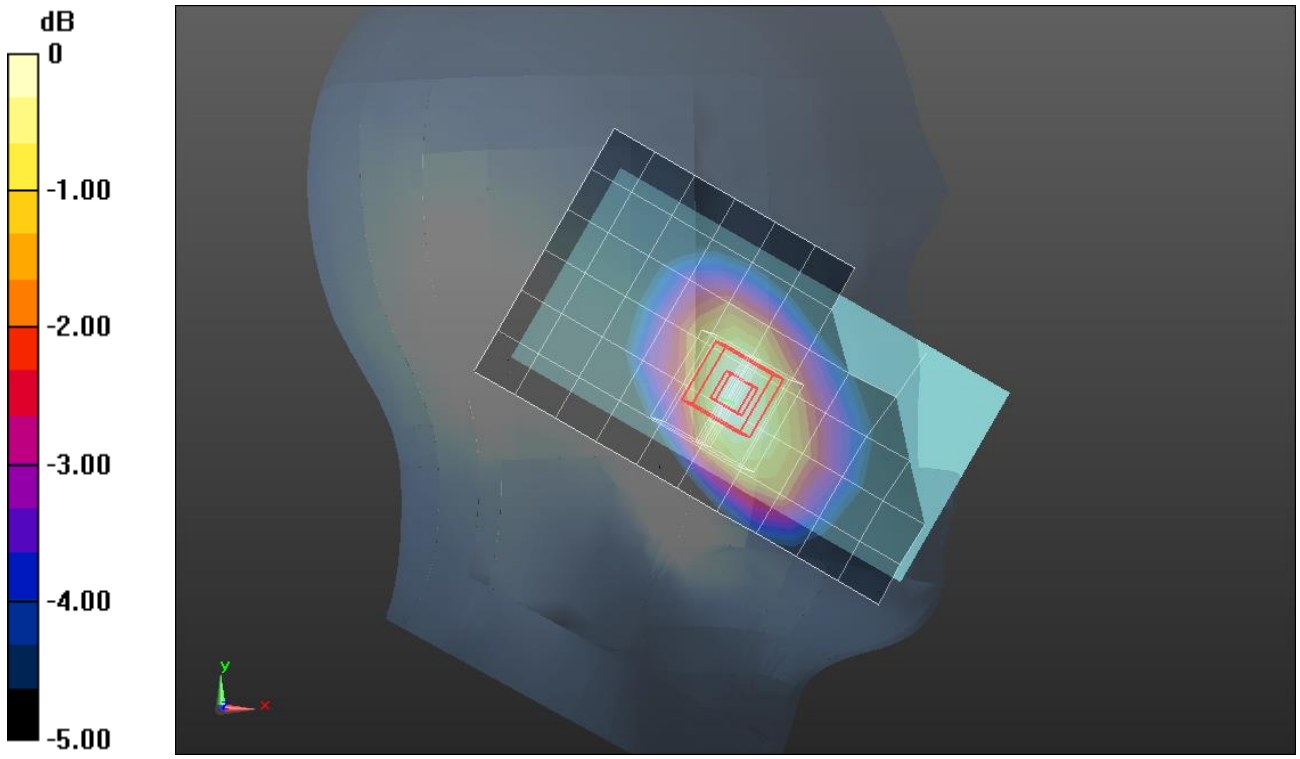
0 dB = 0.411 W/kg = -3.86 dBW/kg

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 = 0.916 S/m; ε_r = 41.309; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK RB 1/49_ch 20525/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.532 W/kg

LHS/Touch_QPSK RB 1/49_ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.460 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.351 W/kg
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.532 W/kg = -2.74 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 = 1.015 S/m; ε_r = 52.775; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 1/49 ch_20525/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

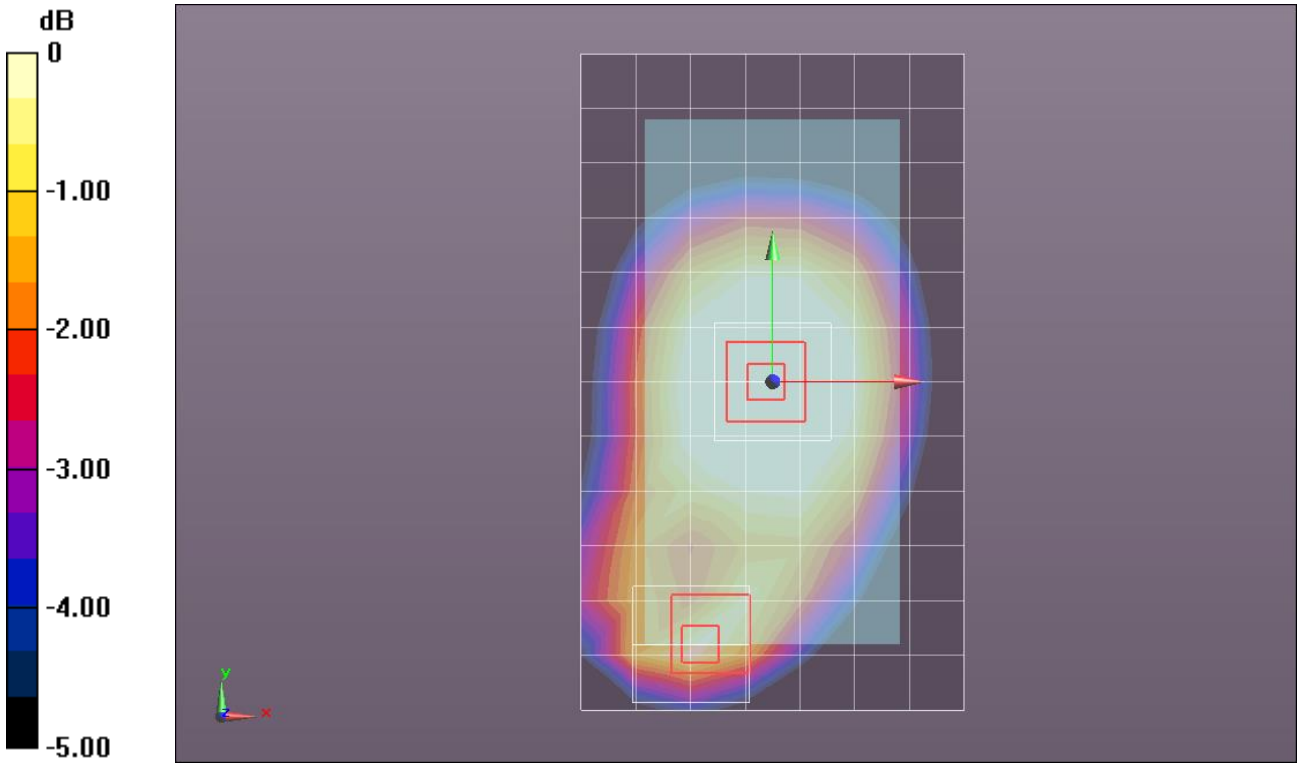
Front/QPSK RB 1/49 ch_20525/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.004 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.220 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.325 W/kg

Front/QPSK RB 1/49 ch_20525/15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.004 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.125 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

LTE Band 5

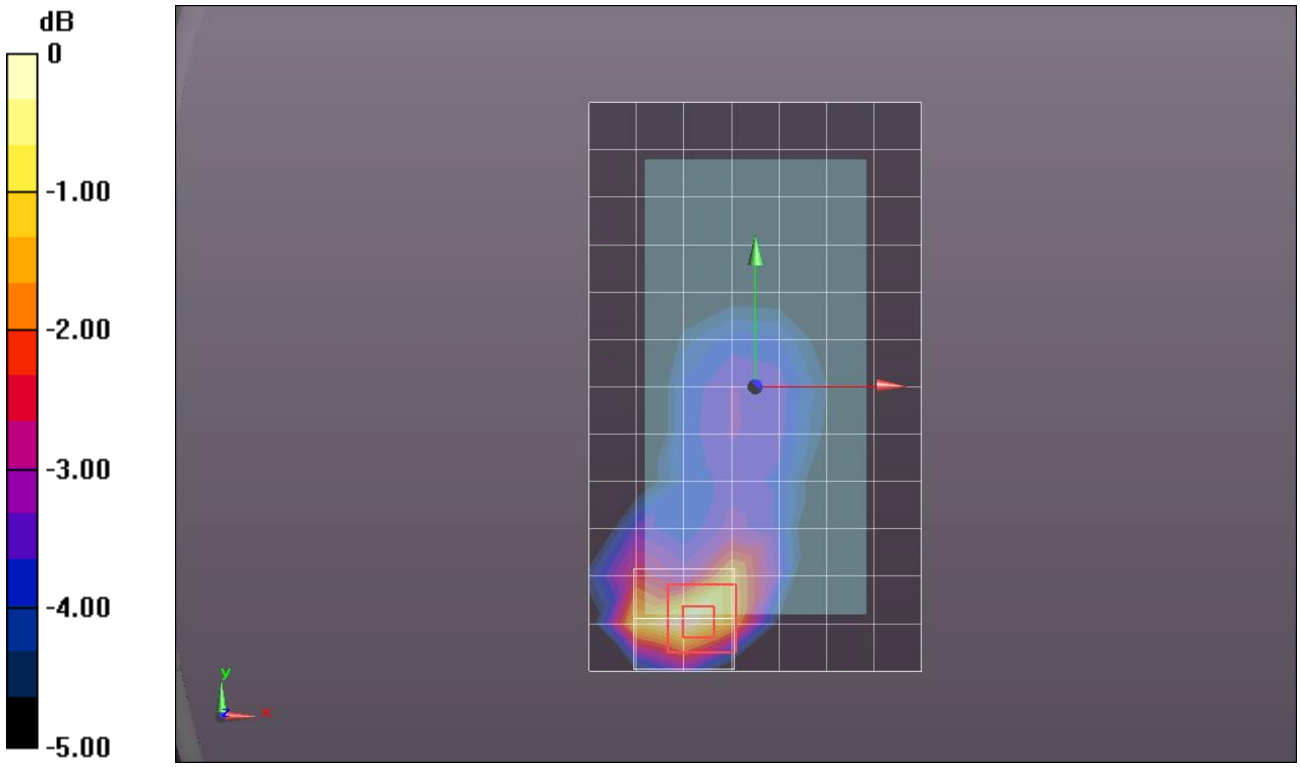
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.015 S/m; ε_r = 52.775; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 25/12 ch_20525/10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.222 W/kg

Front/QPSK RB 25/12 ch_20525/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.955 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.098 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.216 W/kg



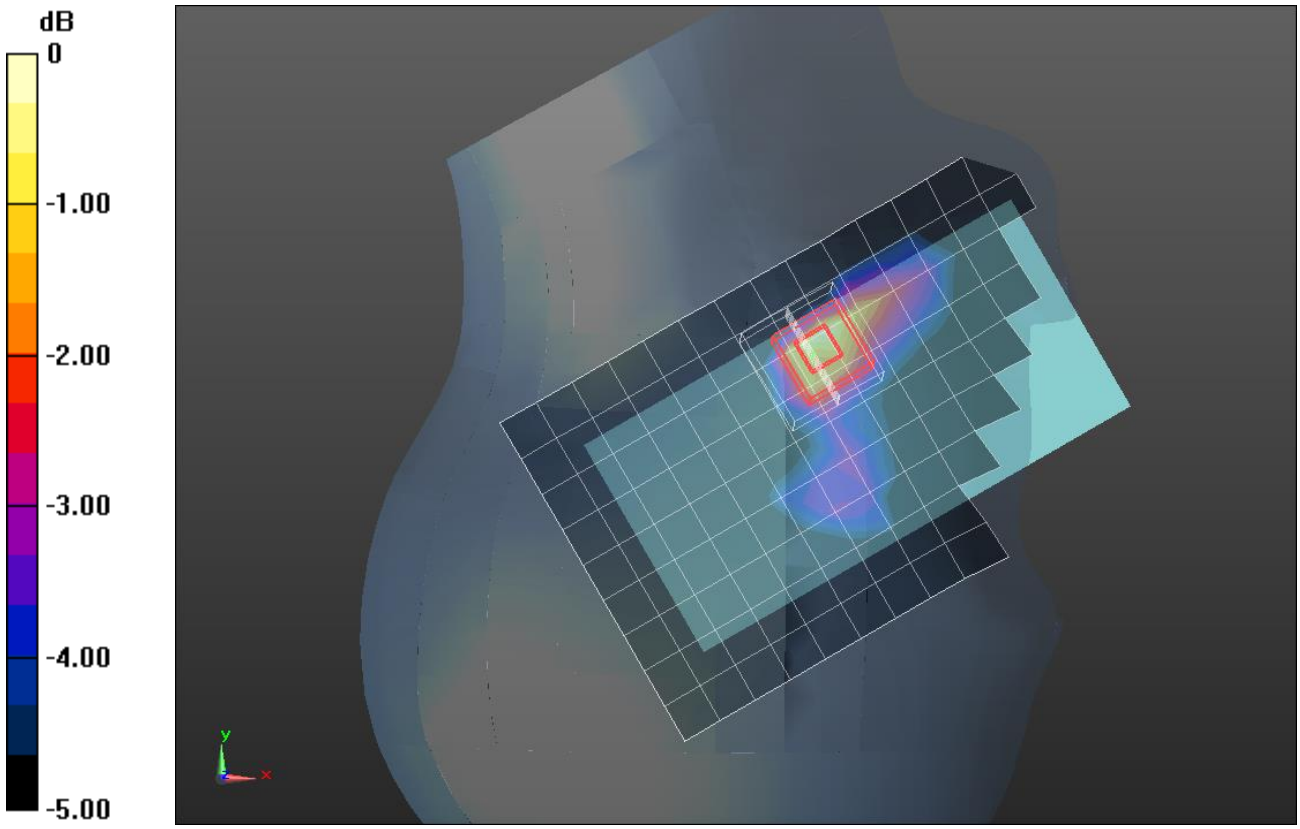
0 dB = 0.216 W/kg = -6.66 dBW/kg

LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 1.829 S/m; ε_r = 39.887; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(6.83, 6.83, 6.83); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

RHS/Touch_QPSK_RB 1/49_Ch 21100/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.276 W/kg

RHS/Touch_QPSK_RB 1/49_Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.51 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

LTE Band 7

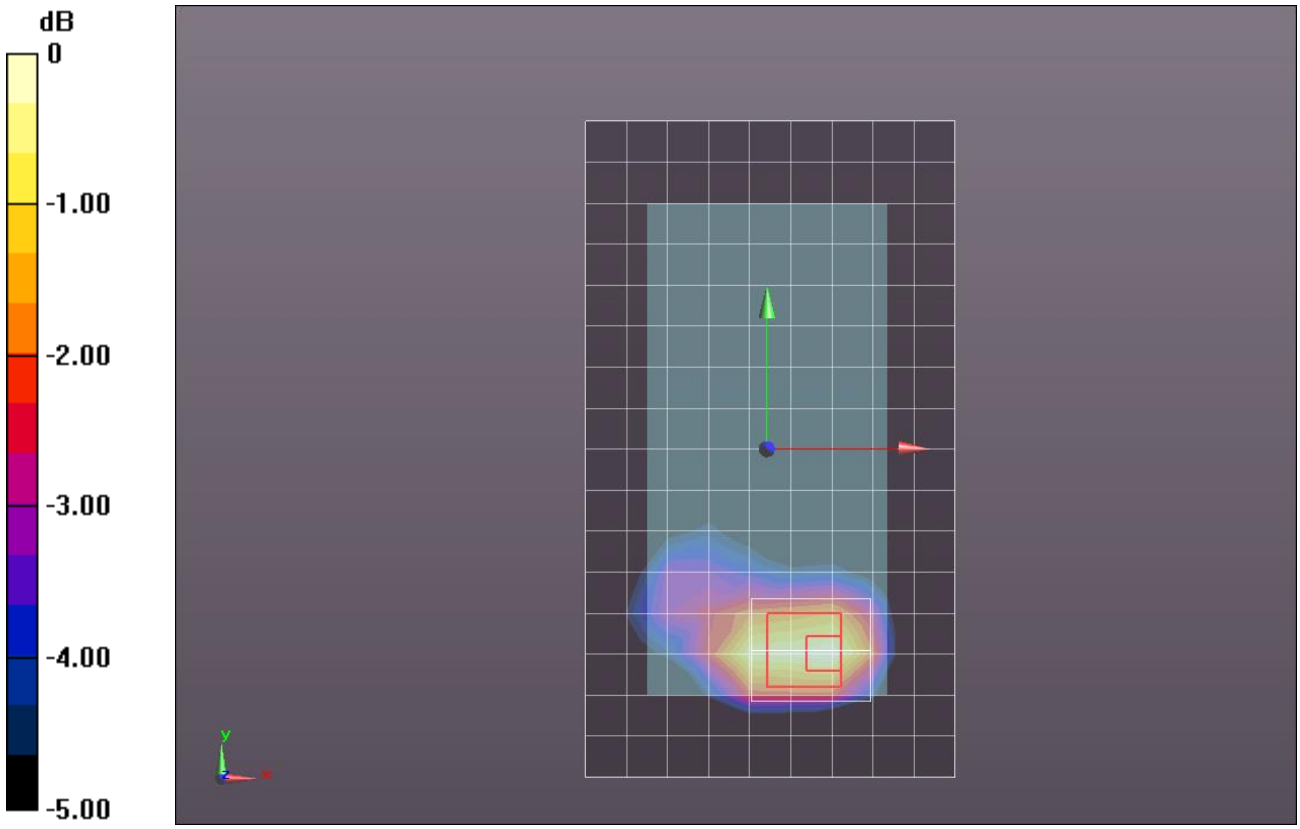
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 2.154 S/m; ε_r = 51.1; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- 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: QDOVA001BB; Serial: 1118

Front/QPSK_RB 1/49_Ch 21100_15mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.257 W/kg

Front/QPSK_RB 1/49_Ch 21100_15mm/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.00 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

LTE Band 7

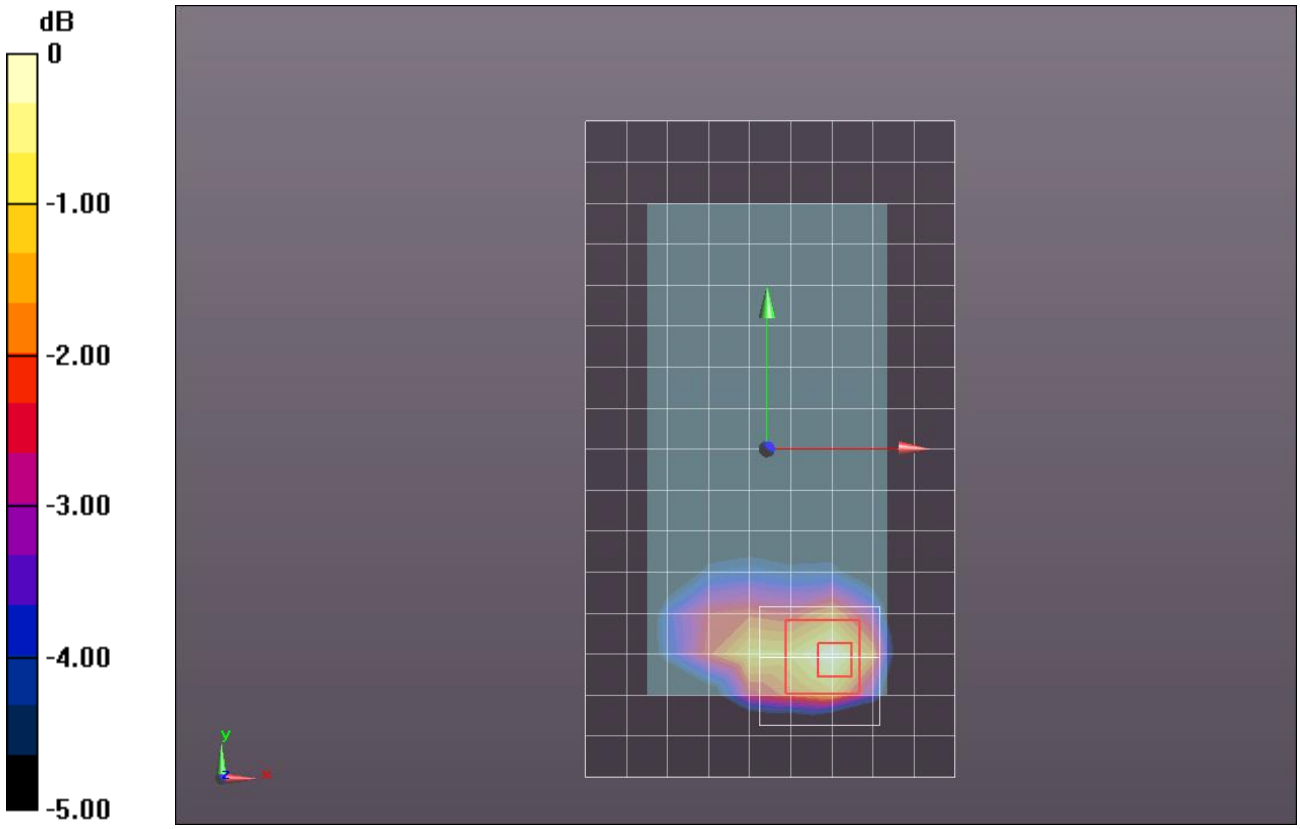
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; σ = 2.154 S/m; ε_r = 51.1; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- 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: QDOVA001BB; Serial: 1118

Front Tethering ON/QPSK_RB 50/24_Ch 21100_10mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.326 W/kg

Front Tethering ON/QPSK_RB 50/24_Ch 21100_10mm/Zoom Scan (8x8x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.42 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

LTE Band 12

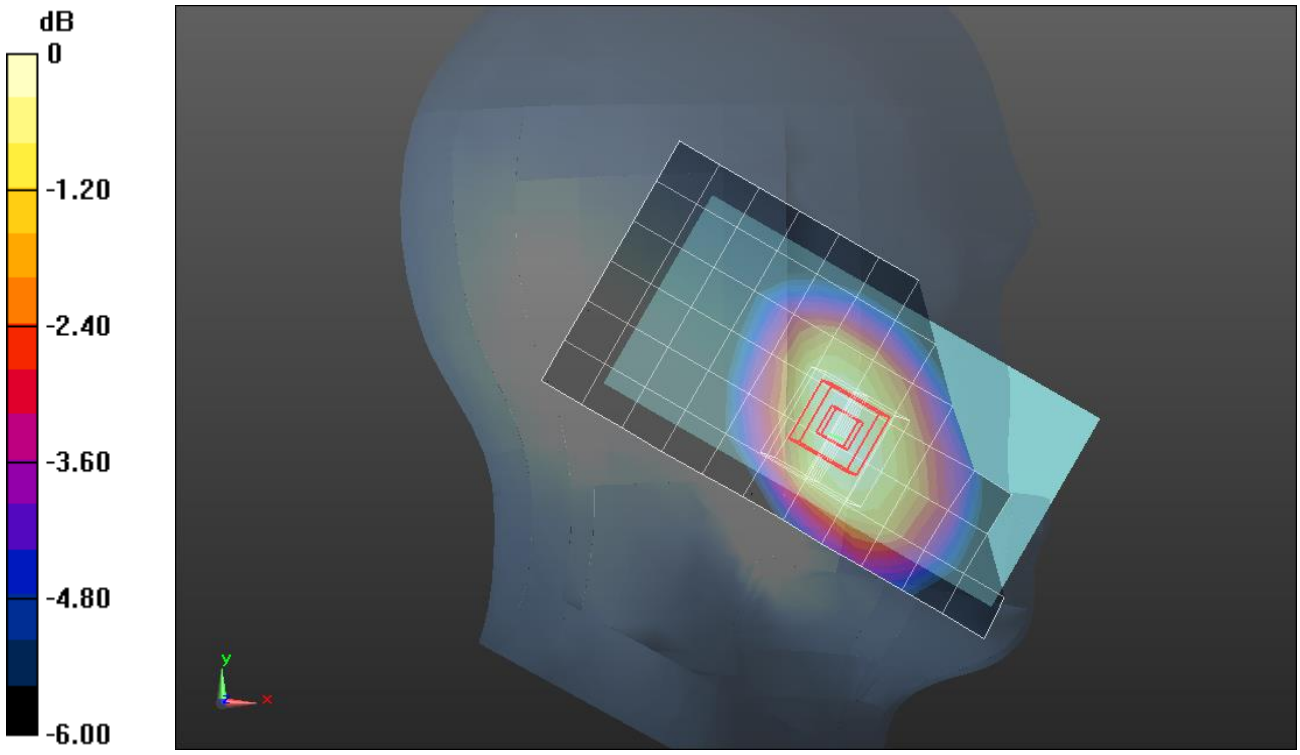
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.887 S/m; ε_r = 41.994; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.35, 10.35, 10.35); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

LHS/Touch_QPSK RB 1/0 ch_23095/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.201 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 = 15.563 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.145 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

LTE band 12

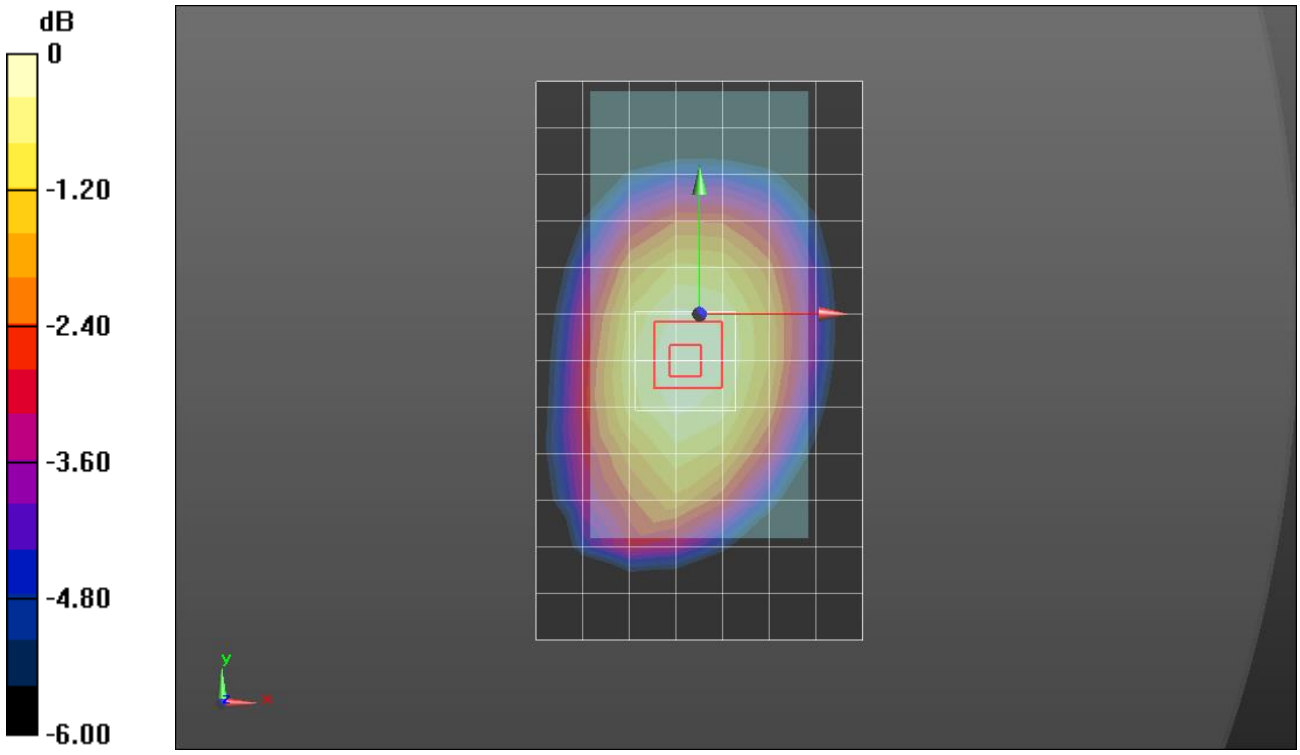
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.912 S/m; ε_r = 54.789; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- 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: SM 000 T01 DA; Serial: TP:1247

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

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

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

Reference Value = 17.132 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.182 W/kg
Info: Interpolated medium parameters used for SAR evaluation.



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

LTE band 12

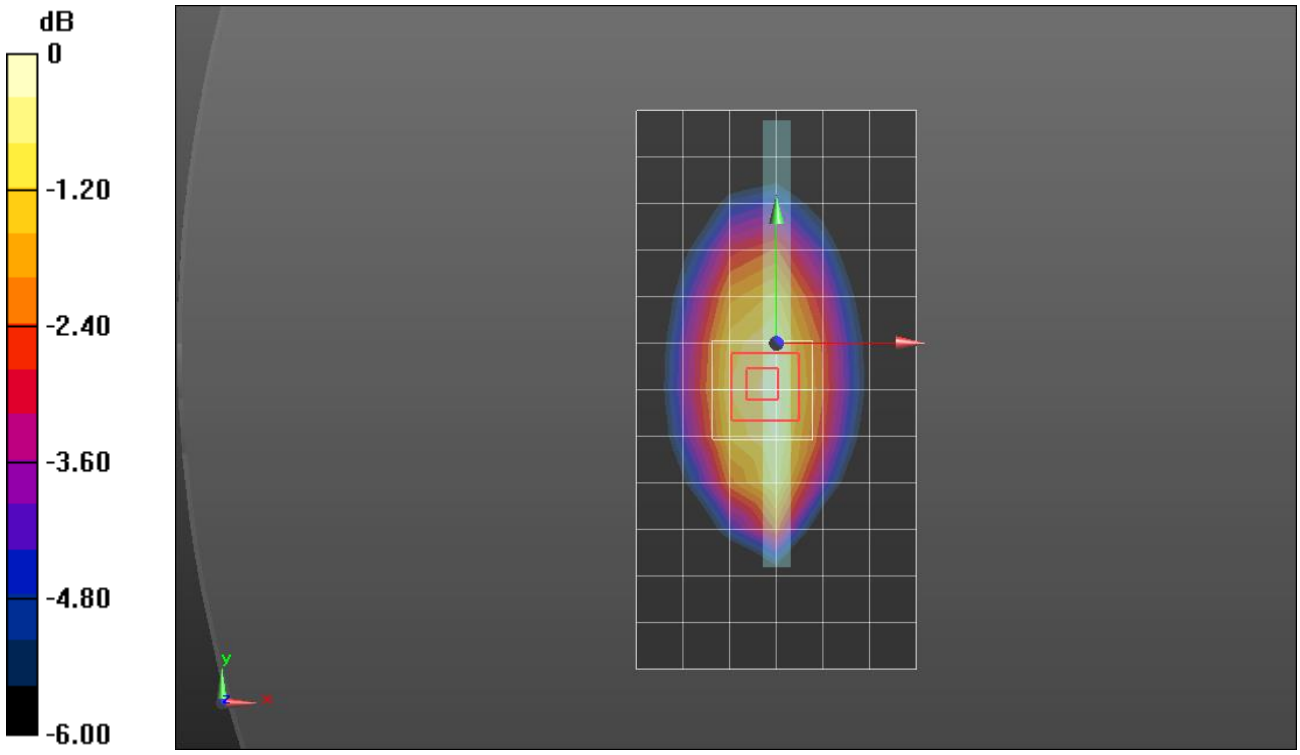
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.916 S/m; ε_r = 54.474; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Edge 4/QPSK RB 1/0 Ch.23095/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.404 W/kg

Edge 4/QPSK RB 1/0 Ch.23095/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.328 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.484 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.256 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

LTE Band 13

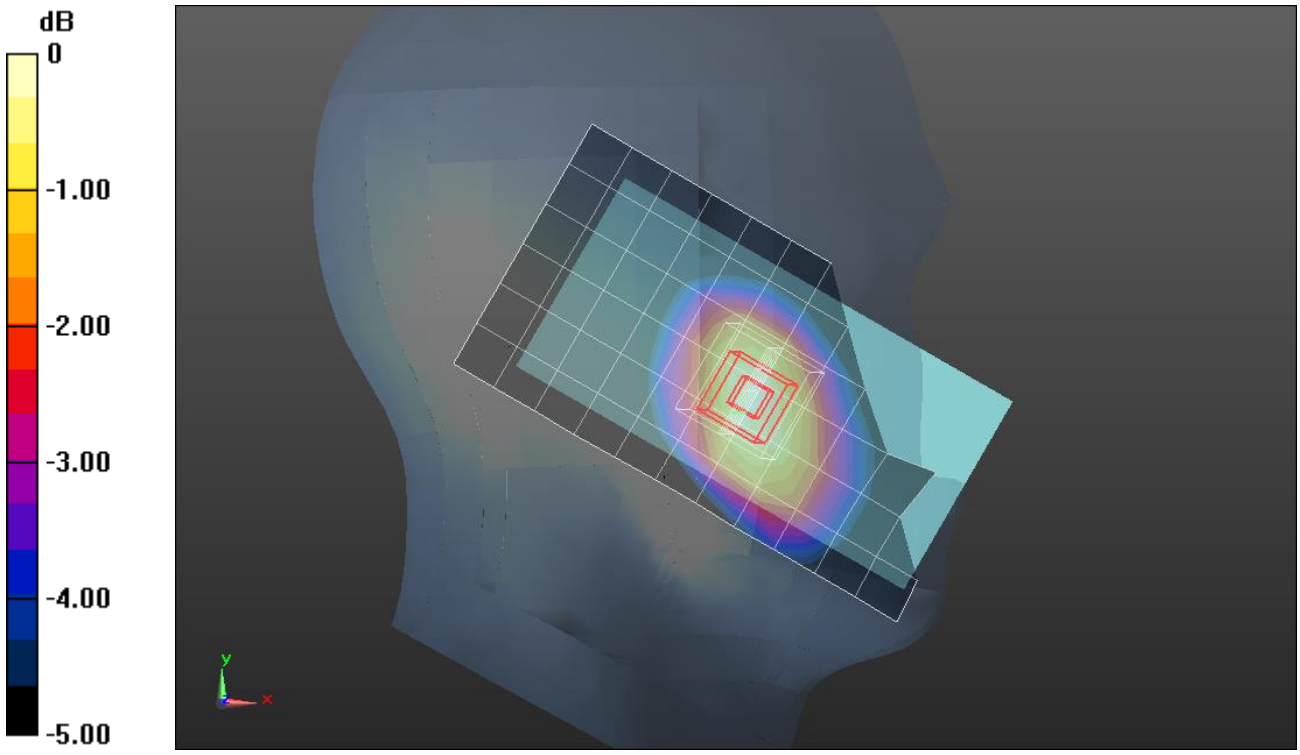
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.947 S/m; ε_r = 40.219; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.35, 10.35, 10.35); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

LHS/Touch_QPSK_RB 1/49_CH 23230/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0950 W/kg

LHS/Touch_QPSK_RB 1/49_CH 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.503 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.066 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0994 W/kg



0 dB = 0.0994 W/kg = -10.03 dBW/kg

LTE band 13

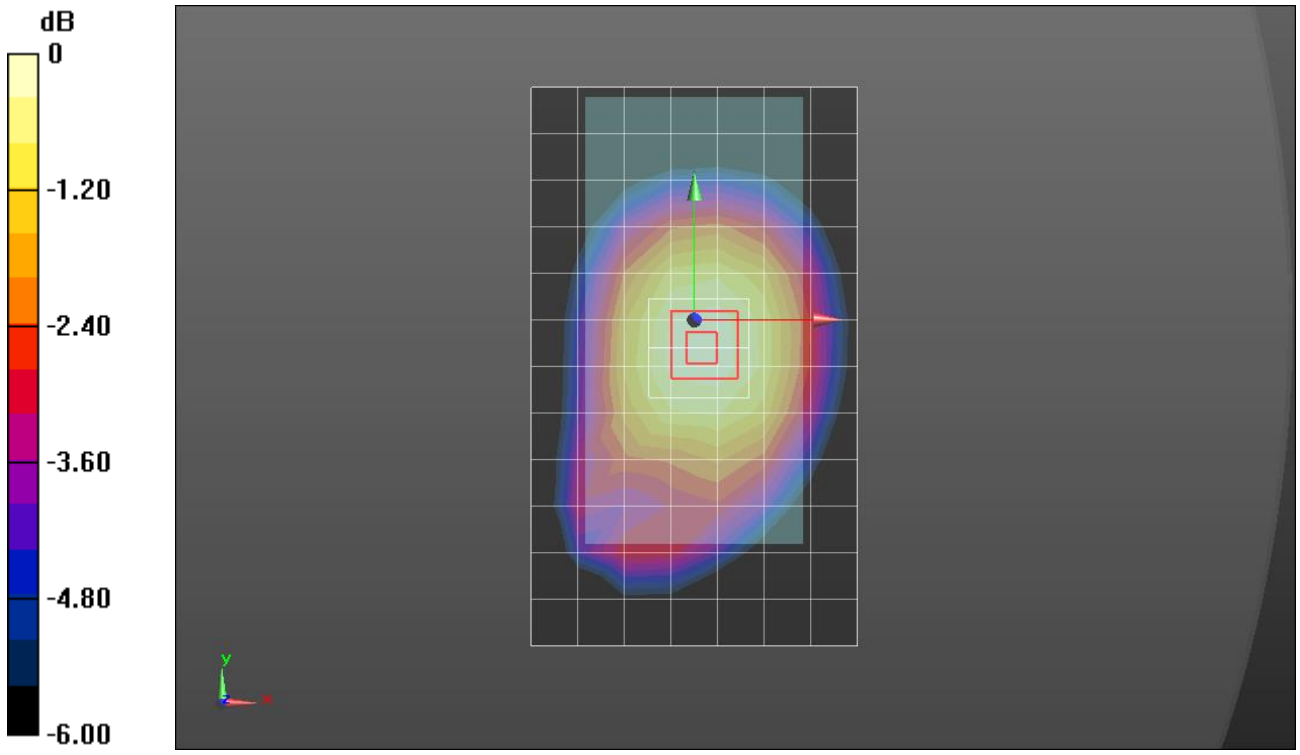
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; σ = 0.984 S/m; ε_r = 53.874; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Front/QPSK RB 1/49 Ch.23230 15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.131 W/kg

Front/QPSK RB 1/49 Ch.23230 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.672 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.092 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.135 W/kg



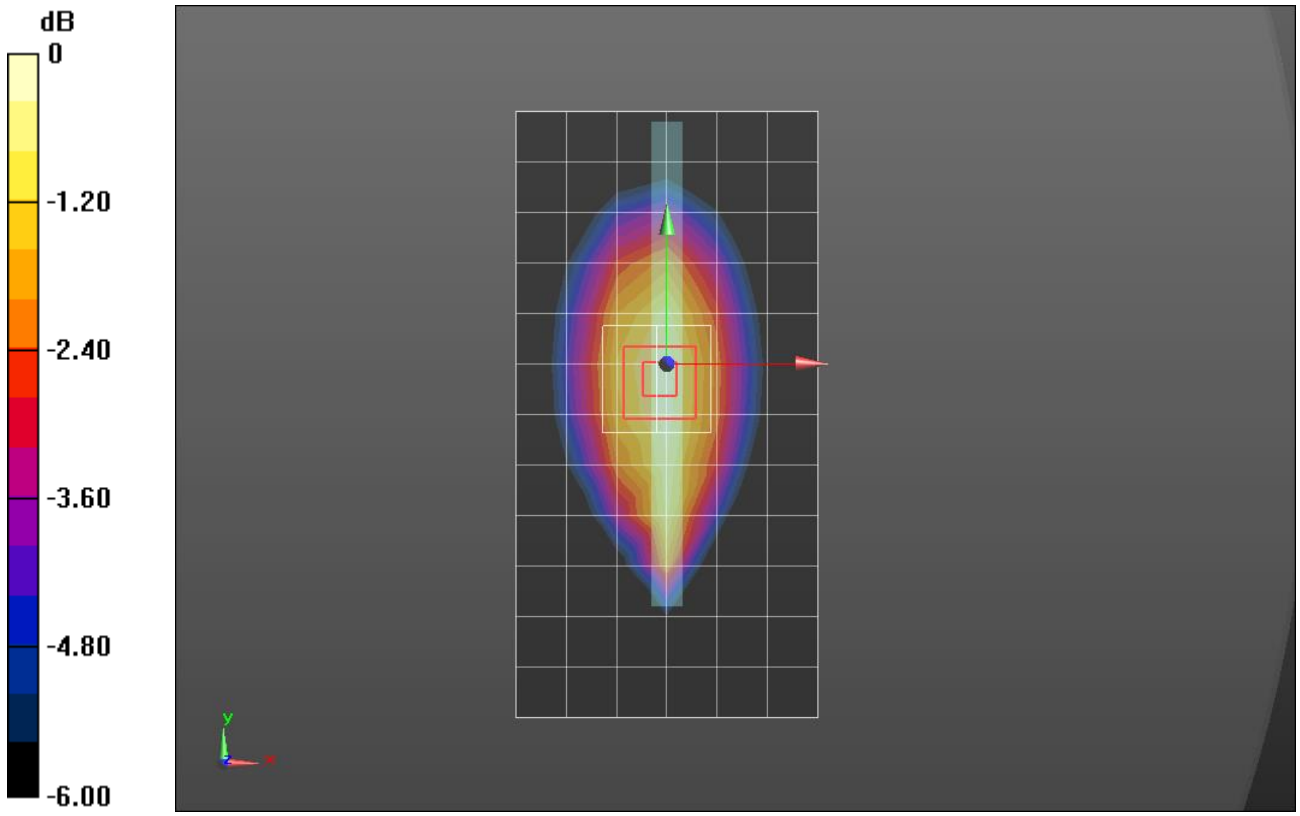
0 dB = 0.135 W/kg = -8.70 dBW/kg

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 = 0.99 S/m; ε_r = 53.655; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3989; ConvF(10.09, 10.09, 10.09); Calibrated: 2/23/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Edge 4/QPSK RB 1/49 Ch.23230/10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.233 W/kg

Edge 4/QPSK RB 1/49 Ch.23230/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.568 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.143 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

LTE Band 26

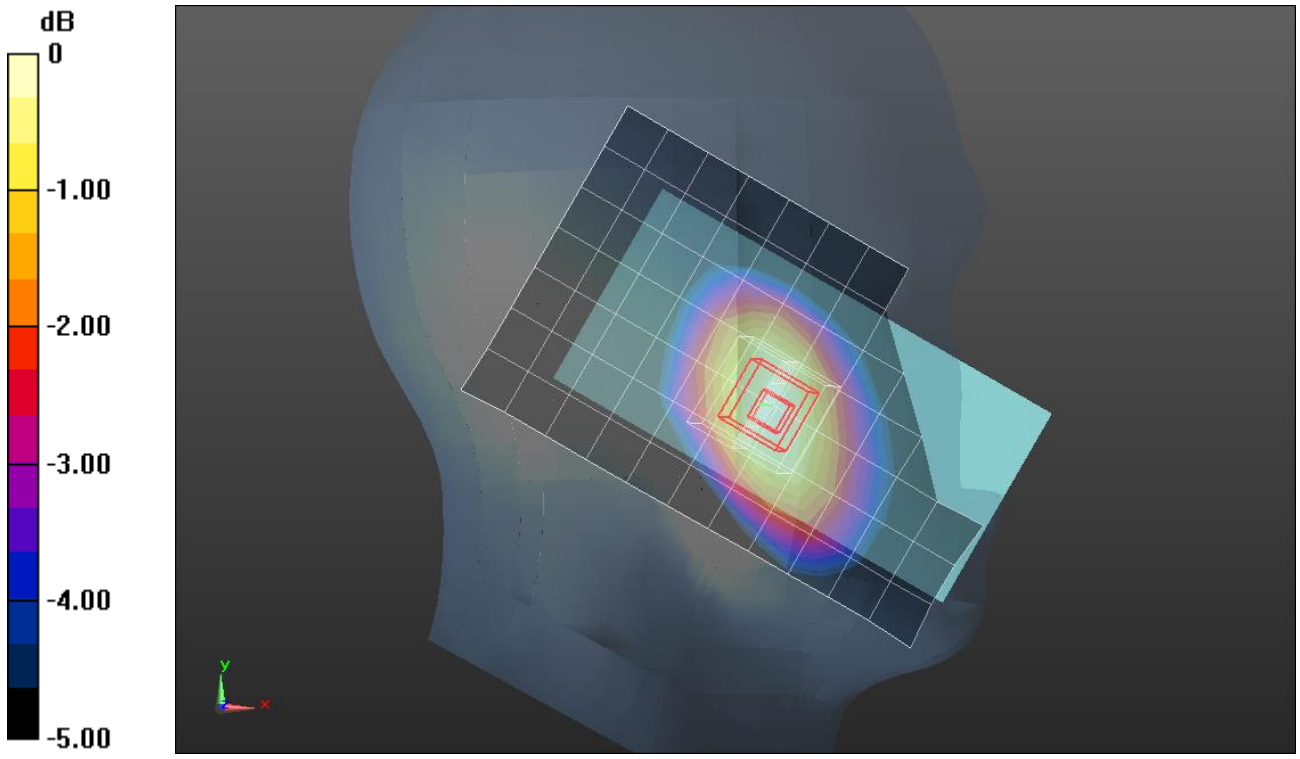
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.912 S/m; ε_r = 41.373; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_QPSK_RB 1/74_ch 26865/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.468 W/kg

LHS/Touch_QPSK_RB 1/74_ch 26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.646 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.332 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.472 W/kg



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

LTE Band 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 = 1.01 S/m; ε_r = 52.805; 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 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 1/74 ch_26865/15mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

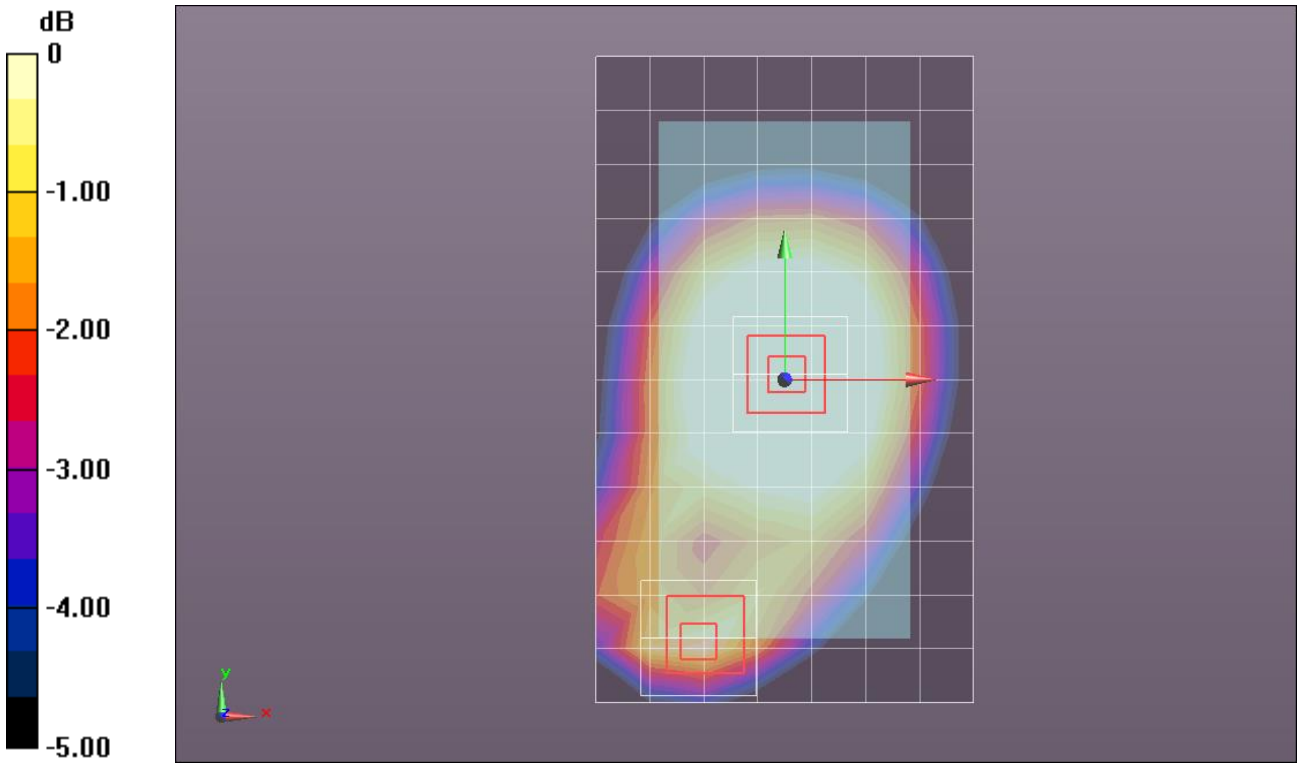
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.347 W/kg

Front/QPSK RB 1/74 ch_26865/15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.783 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.239 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.354 W/kg

Front/QPSK RB 1/74 ch_26865/15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.783 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.120 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.249 W/kg



0 dB = 0.249 W/kg = -6.04 dBW/kg

LTE Band 26

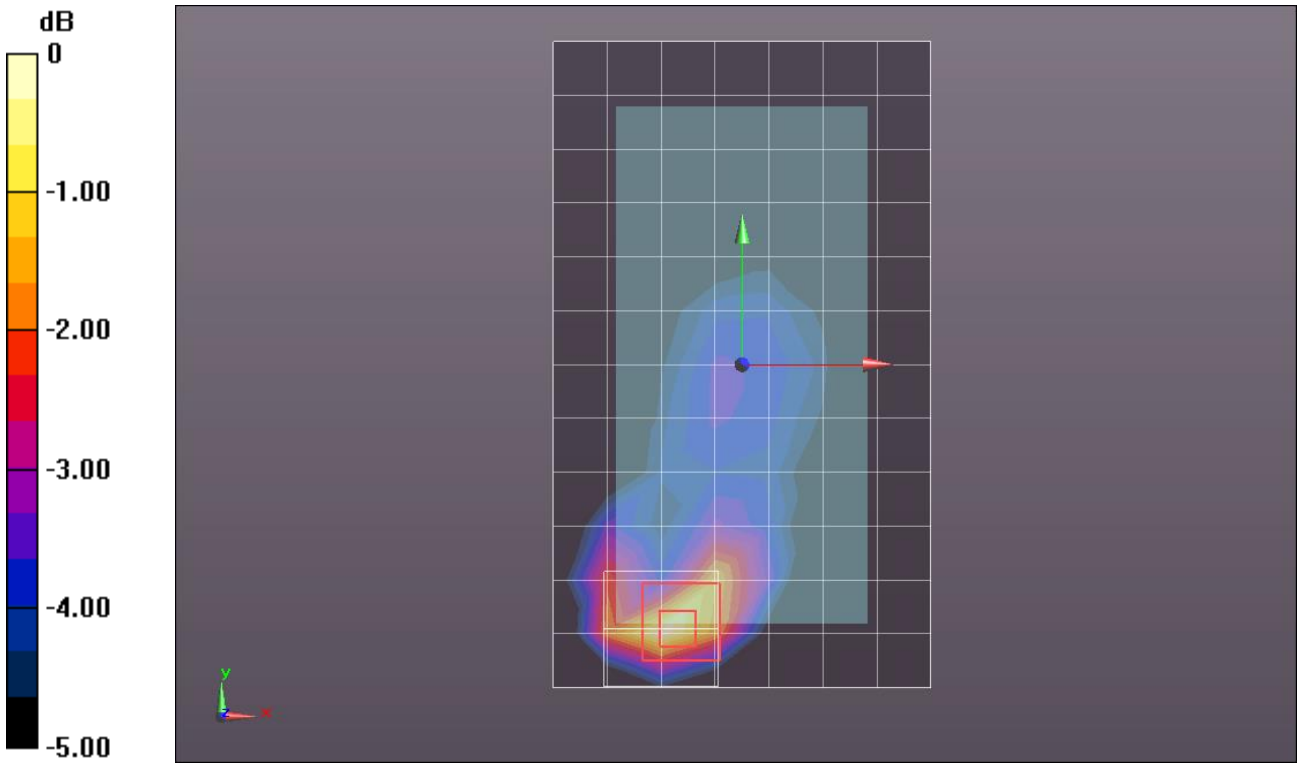
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 1.01 S/m; ε_r = 52.805; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/11/2015
- Probe: EX3DV4 - SN3749; ConvF(8.92, 8.92, 8.92); Calibrated: 1/26/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1117

Front/QPSK RB 1/37 ch_26865/10mm/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

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

Front/QPSK RB 1/37 ch_26865/10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.628 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.103 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

LTE Band 41

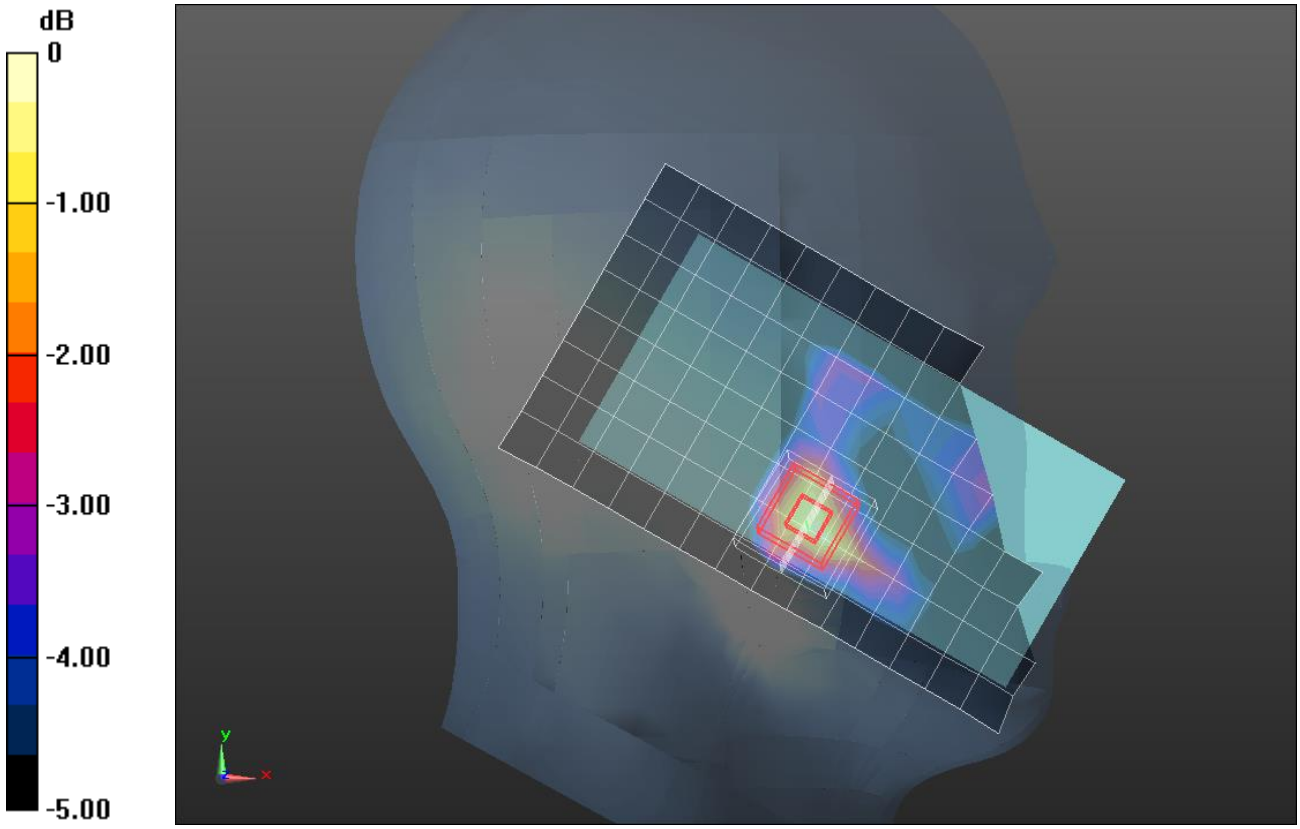
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 1.888 S/m; ε_r = 39.729; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(6.83, 6.83, 6.83); Calibrated: 9/18/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: TWIN SAM v5.0; Type: QD000P40CD; Serial: TP:1829

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0929 W/kg

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

Reference Value = 7.049 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.039 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

LTE Band 41

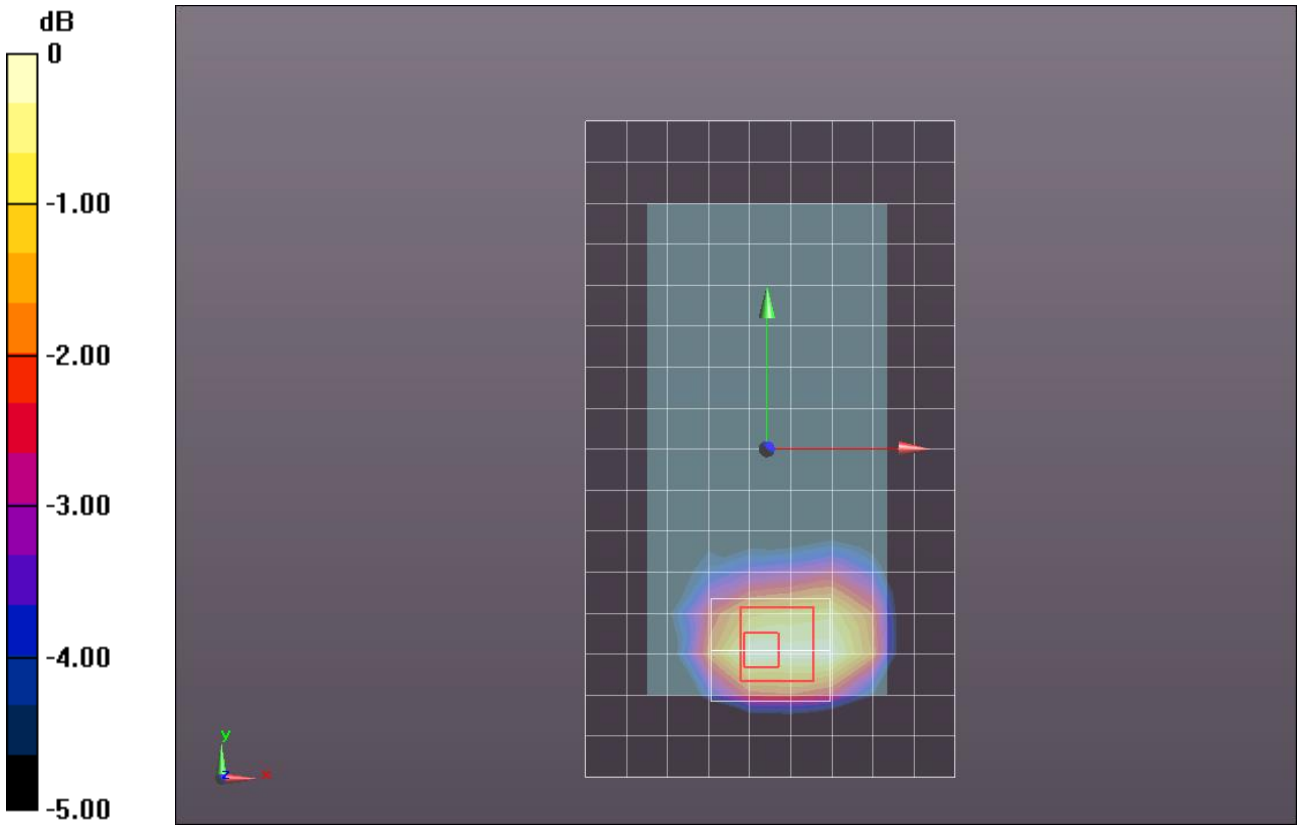
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.225 S/m; ε_r = 50.954; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- 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: QDOVA001BB; Serial: 1118

Front/QPSK_RB 1/49_Ch 40620/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.134 W/kg

Front/QPSK_RB 1/49_Ch 40620/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.795 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.056 W/kg
Info: Interpolated medium parameters used for SAR evaluation.



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

LTE Band 41

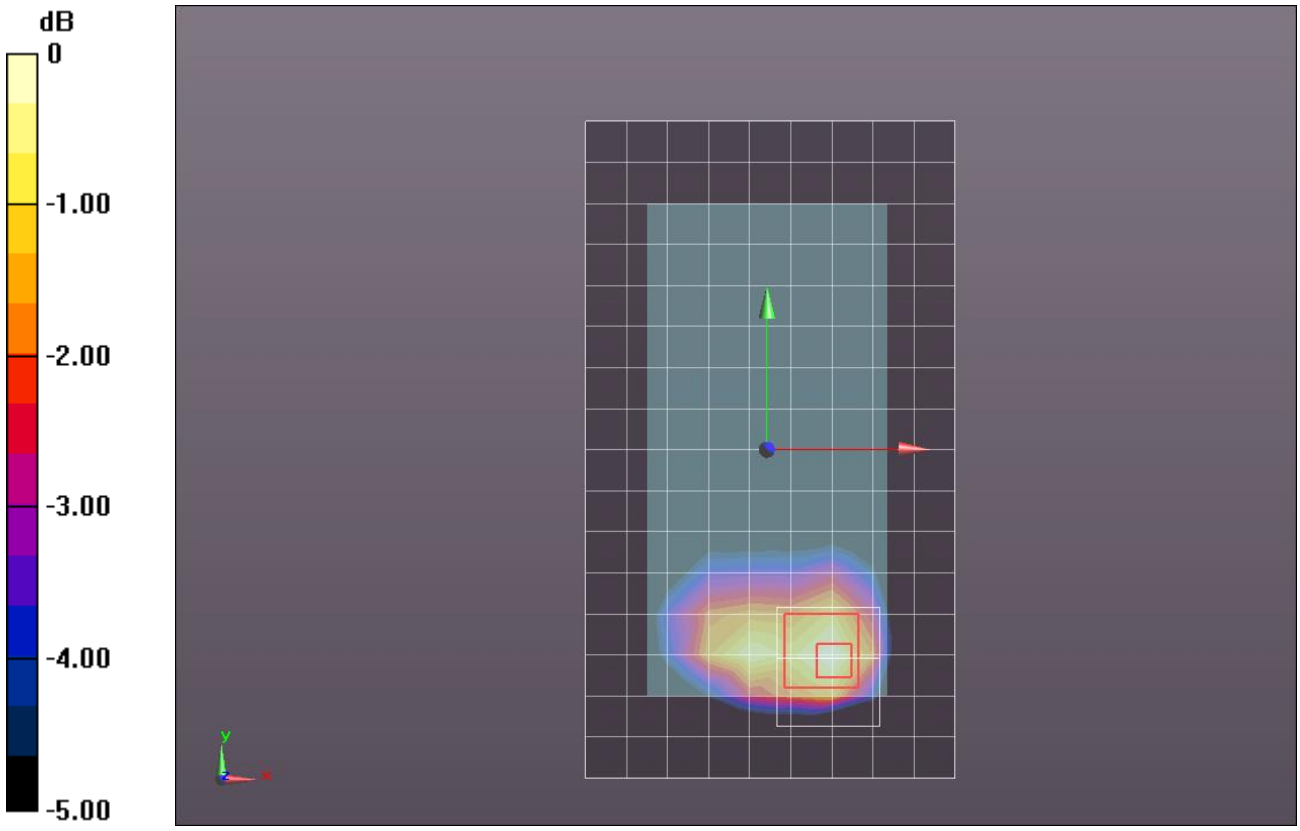
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; σ = 2.225 S/m; ε_r = 50.954; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 4/16/2015
- Probe: EX3DV4 - SN3885; ConvF(7, 7, 7); Calibrated: 9/18/2015;
- 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: QDOVA001BB; Serial: 1118

Front Tethering ON/QPSK_RB 50/24_Ch 40620/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.157 W/kg

Front Tethering ON/QPSK_RB 50/24_Ch 40620/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.457 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.061 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.156 W/kg



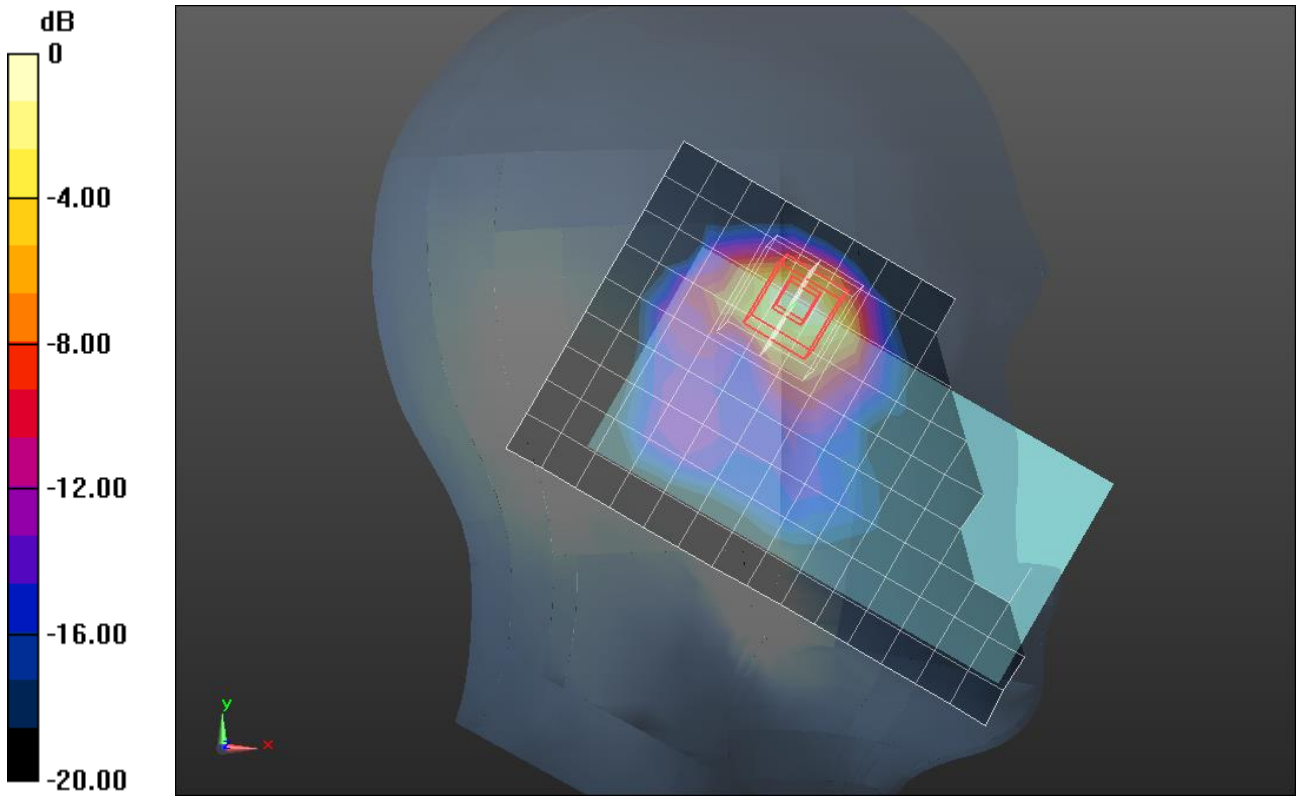
0 dB = 0.156 W/kg = -8.07 dBW/kg

2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.763 S/m; ε_r = 40.58; 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 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.18, 7.18, 7.18); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM;

LHS/Touch_802.11b_Chain 0_ch 1/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.425 W/kg

LHS/Touch_802.11b_Chain 0_ch 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.103 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.117 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.472 W/kg



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

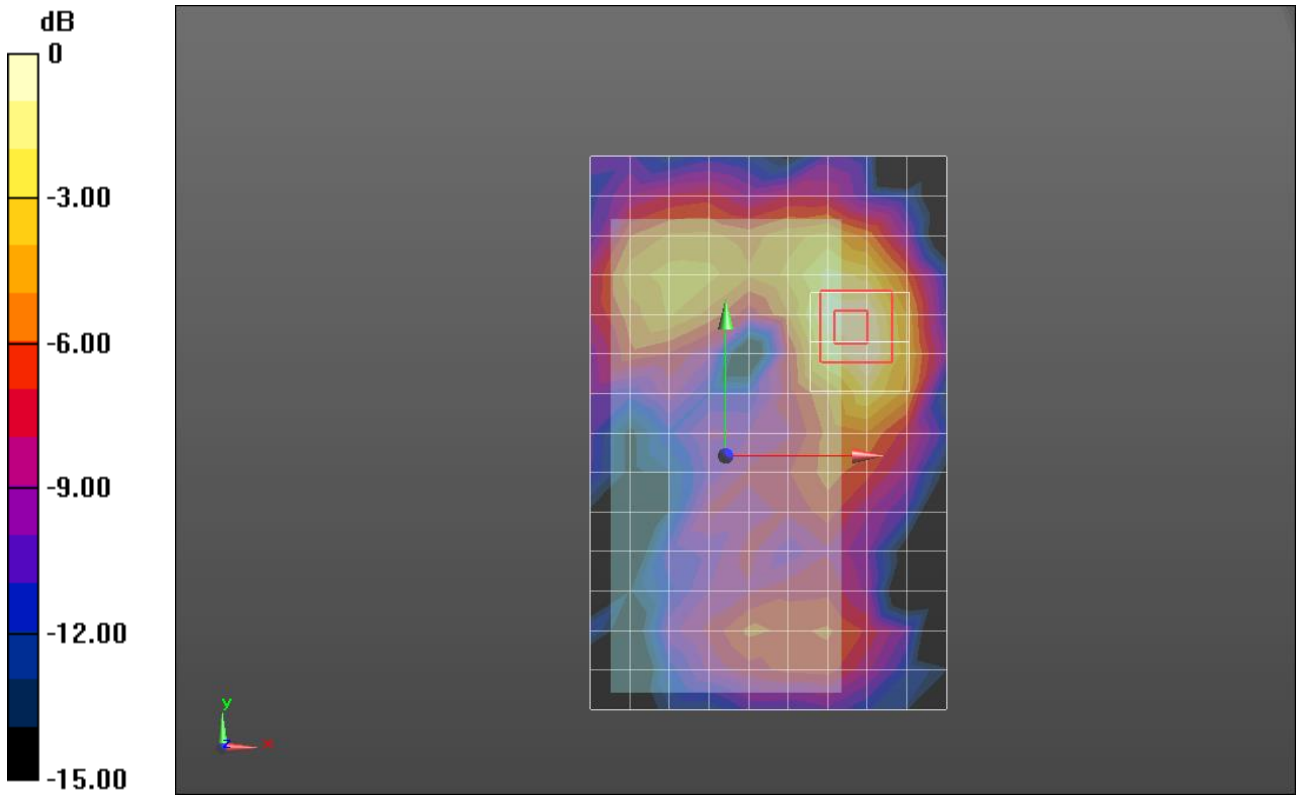
2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.926 S/m; ε_r = 50.832; 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 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.29, 7.29, 7.29); Calibrated: 5/19/2015;
- 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: SM 000 T01 DA; Serial: TP:1247

Front/802.11b_Chain 0/15mm_ch 1/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0301 W/kg

Front/802.11b_Chain 0/15mm_ch 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.747 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0350 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.010 W/kg
Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0275 W/kg



0 dB = 0.0275 W/kg = -15.61 dBW/kg

2.4 GHz

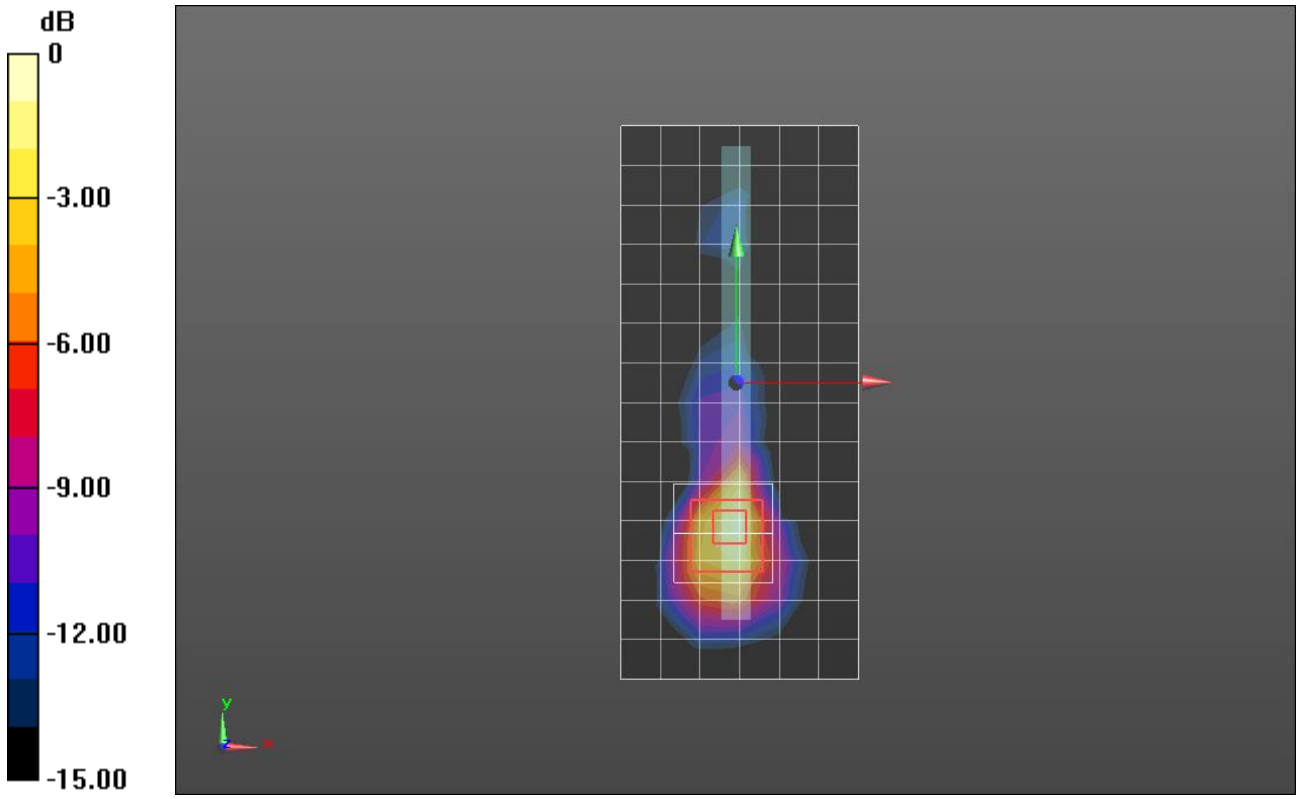
Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.926 S/m; ε_r = 50.832; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3902; ConvF(7.29, 7.29, 7.29); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

Edge 2/802.11b_Chain 0/ 10mm_ch 1/Area Scan (7x15x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.106 W/kg

Edge 2/802.11b_Chain 0/ 10mm_ch 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.49 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.037 W/kg
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.116 W/kg



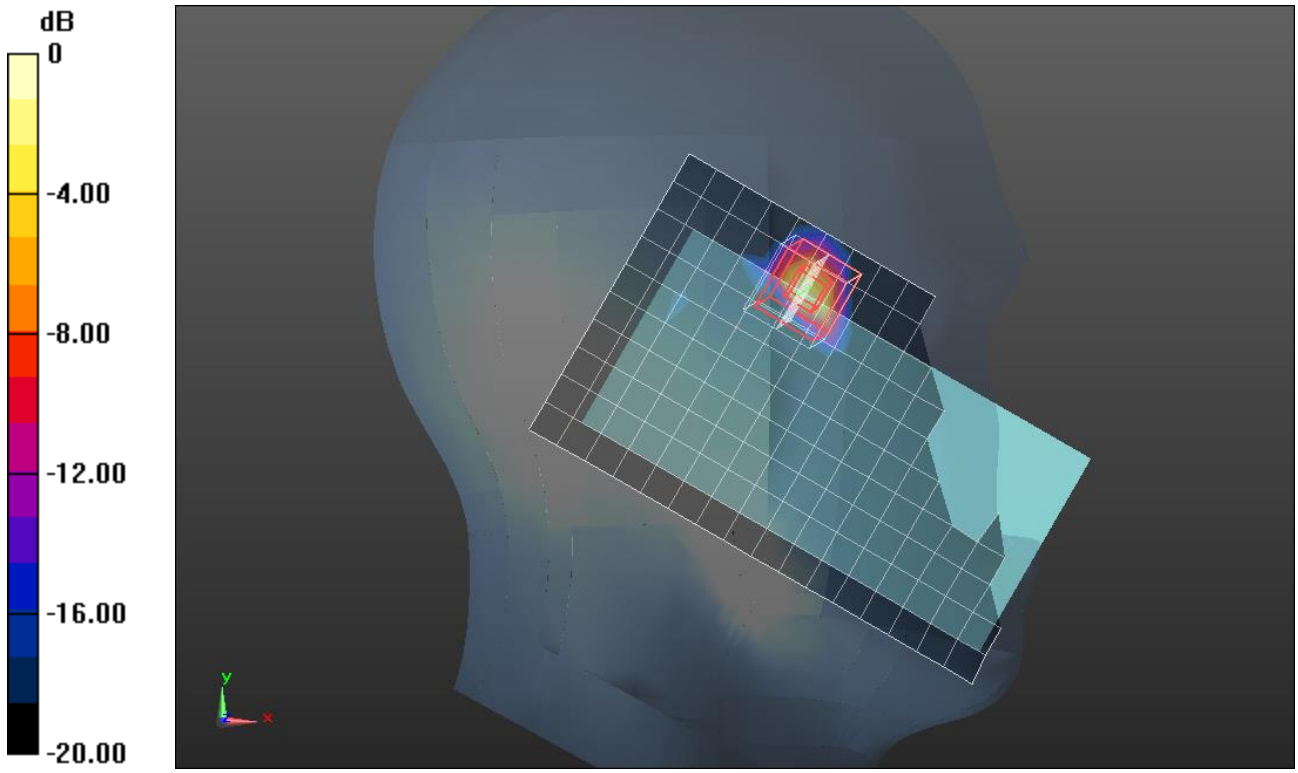
0 dB = 0.116 W/kg = -9.36 dBW/kg

Wi-Fi 5.3GHz

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5270 MHz; σ = 4.511 S/m; ε_r = 35.565; 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: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(4.93, 4.93, 4.93); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

LHS/Touch_802.11n HT40_Ch 54 (chain 0)/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.831 W/kg

LHS/Touch_802.11n HT40_Ch 54 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.202 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



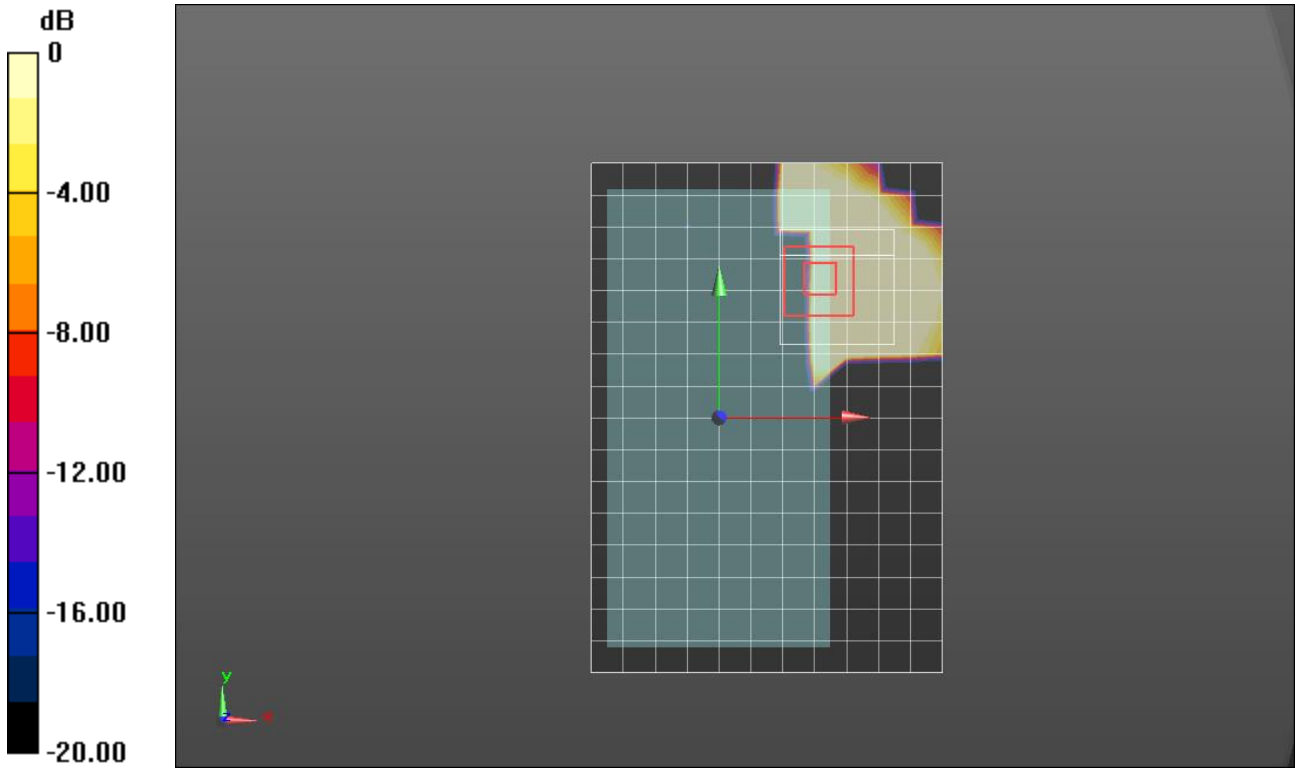
0 dB = 1.01 W/kg = 0.04 dBW/kg

Wi-Fi 5GHz

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5270 MHz; σ = 5.382 S/m; ε_r = 48.6; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(4.23, 4.23, 4.23); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/802.11n HT40_Ch 54 (chain 0)/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0729 W/kg

Front/802.11n HT40_Ch 54 (chain 0)/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0000836 W/kg
SAR(1 g) = 3.12e-007 W/kg; SAR(10 g) = 3.1e-008 W/kg
Maximum value of SAR (measured) = 0.00574 W/kg



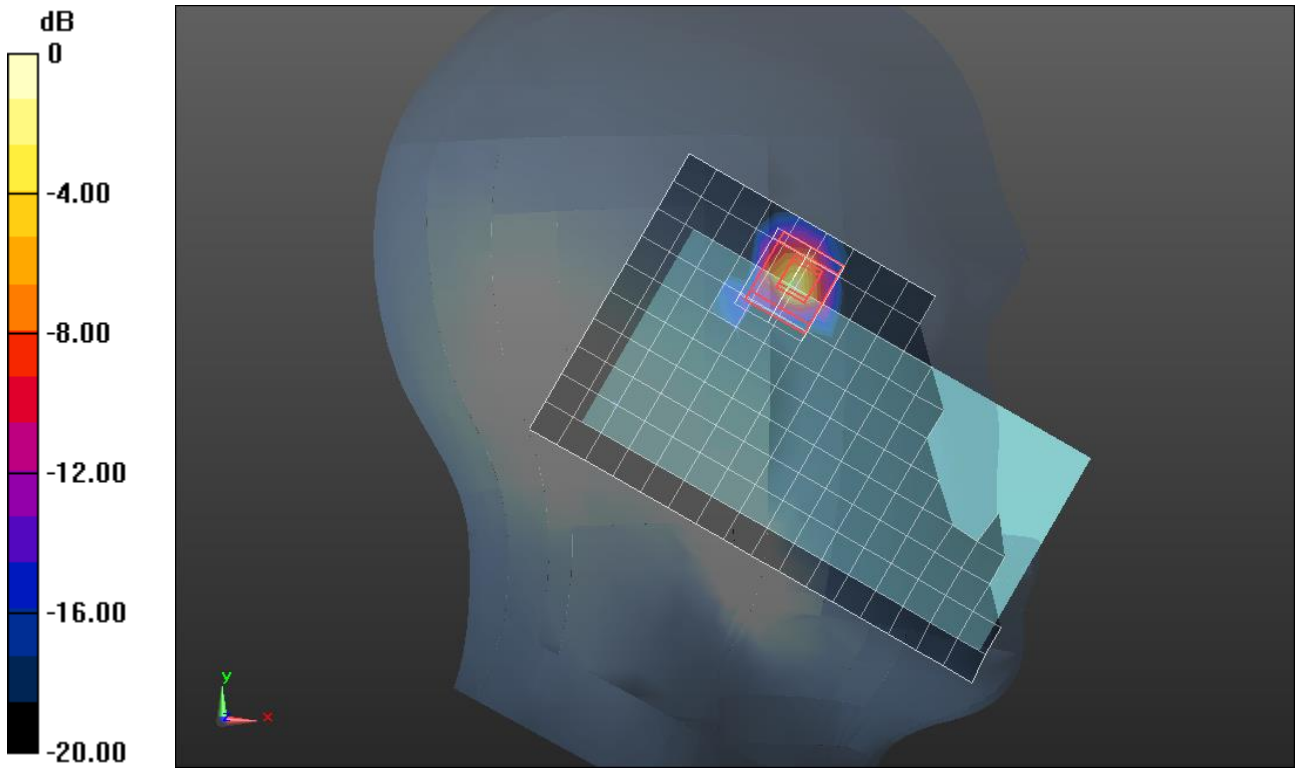
0 dB = 0.00574 W/kg = -22.41 dBW/kg

Wi-Fi 5.5GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5690 MHz; σ = 4.995 S/m; ε_r = 35.067; 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: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(4.58, 4.58, 4.58); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

LHS/Touch_802.11ac VHT80_Ch 138 (chain 0)/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.803 W/kg

LHS/Touch_802.11ac VHT80_Ch 138 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.627 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.34 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.995 W/kg



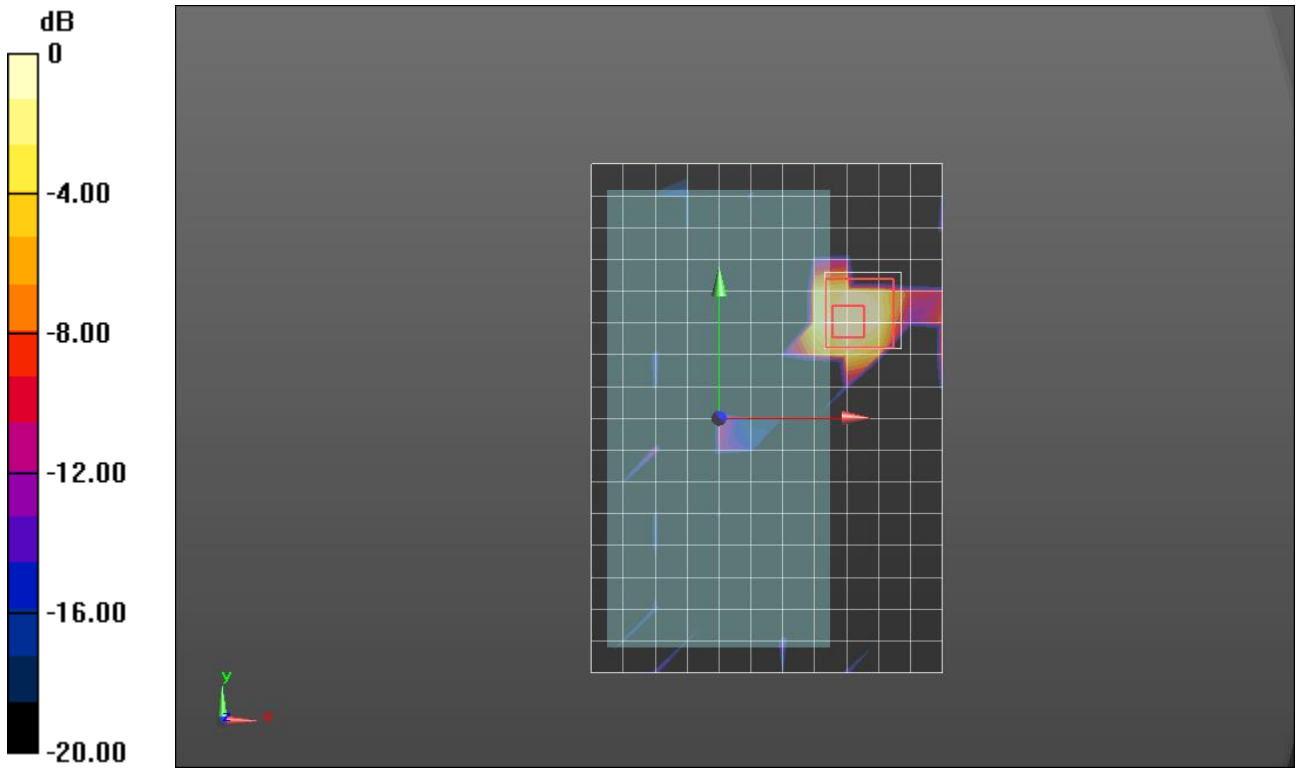
0 dB = 0.995 W/kg = -0.02 dBW/kg

Wi-Fi 5GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5690 MHz; σ = 5.978 S/m; ε_r = 48.02; 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: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(3.72, 3.72, 3.72); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/802.11ac V HT80_Ch 138 (chain 0)/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0491 W/kg

Front/802.11ac V HT80_Ch 138 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.546 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00214 W/kg
Maximum value of SAR (measured) = 0.0363 W/kg



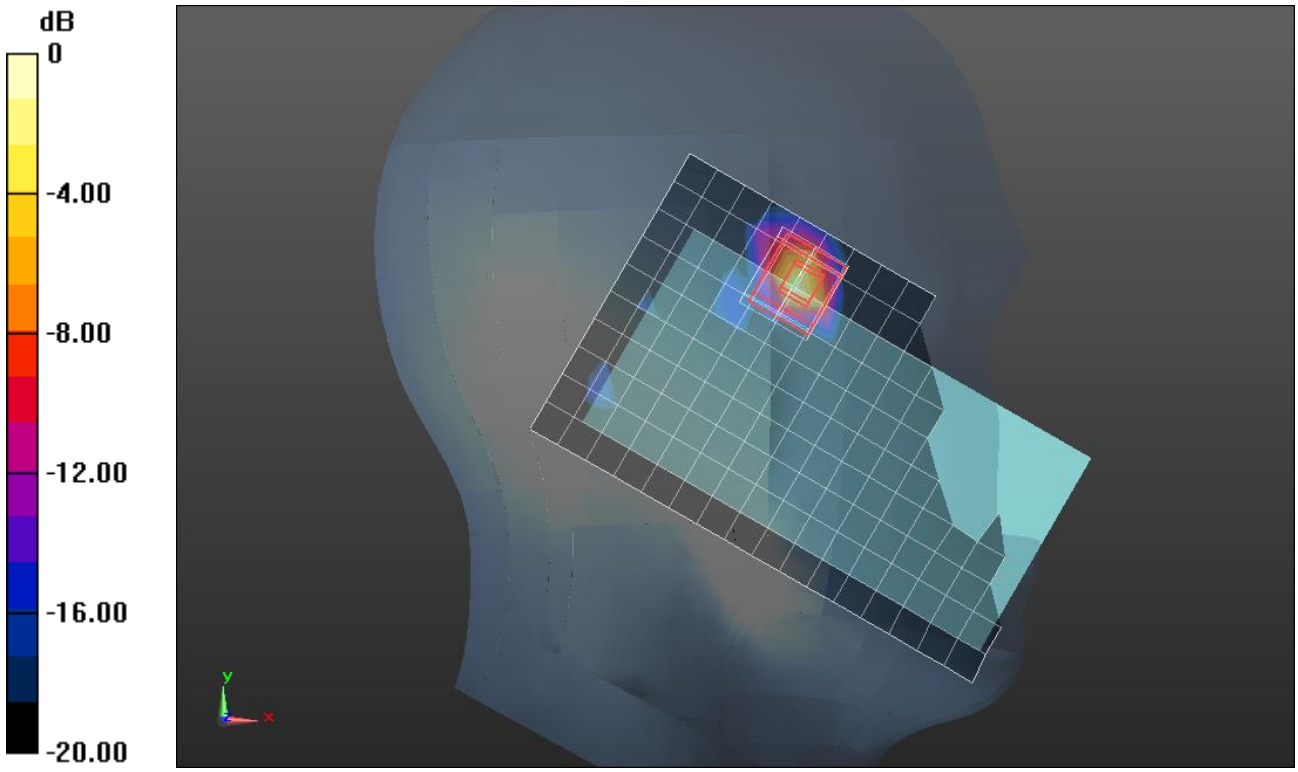
0 dB = 0.0363 W/kg = -14.40 dBW/kg

Wi-Fi 5.8GHz

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5795 MHz; σ = 5.101 S/m; ε_r = 34.939; 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: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(4.77, 4.77, 4.77); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

LHS/Touch_802.11n HT40_Ch 159 (chain 0)/Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.305 W/kg

LHS/Touch_802.11n HT40_Ch 159 (chain 0)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.467 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



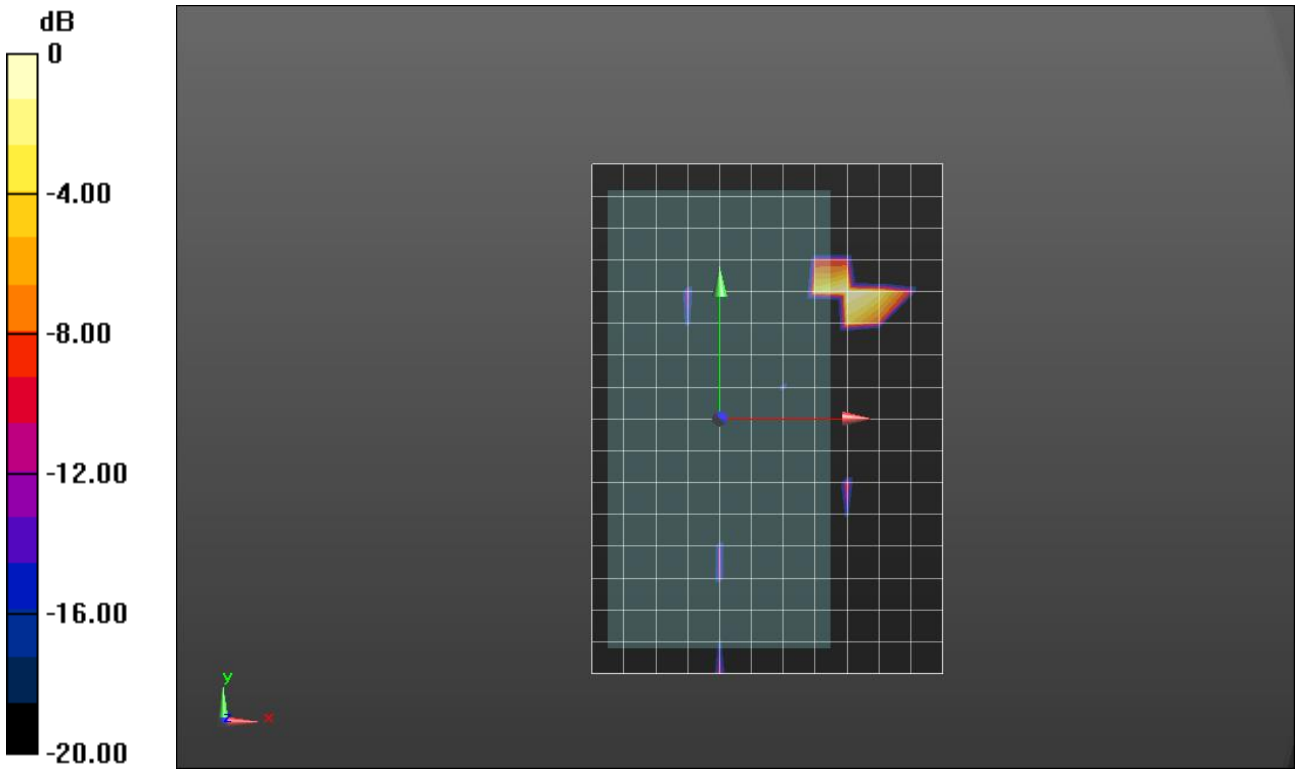
0 dB = 0.307 W/kg = -5.13 dBW/kg

Wi-Fi 5GHz

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5795 MHz; σ = 6.106 S/m; ε_r = 47.816; 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: 2/19/2016
- Probe: EX3DV4 - SN3936; ConvF(4.08, 4.08, 4.08); Calibrated: 7/21/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used))
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1248

Front/802.11n HT40_Ch 159 (chain 0)/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0124 W/kg



0 dB = 0.0124 W/kg = -19.07 dBW/kg