# GSM850

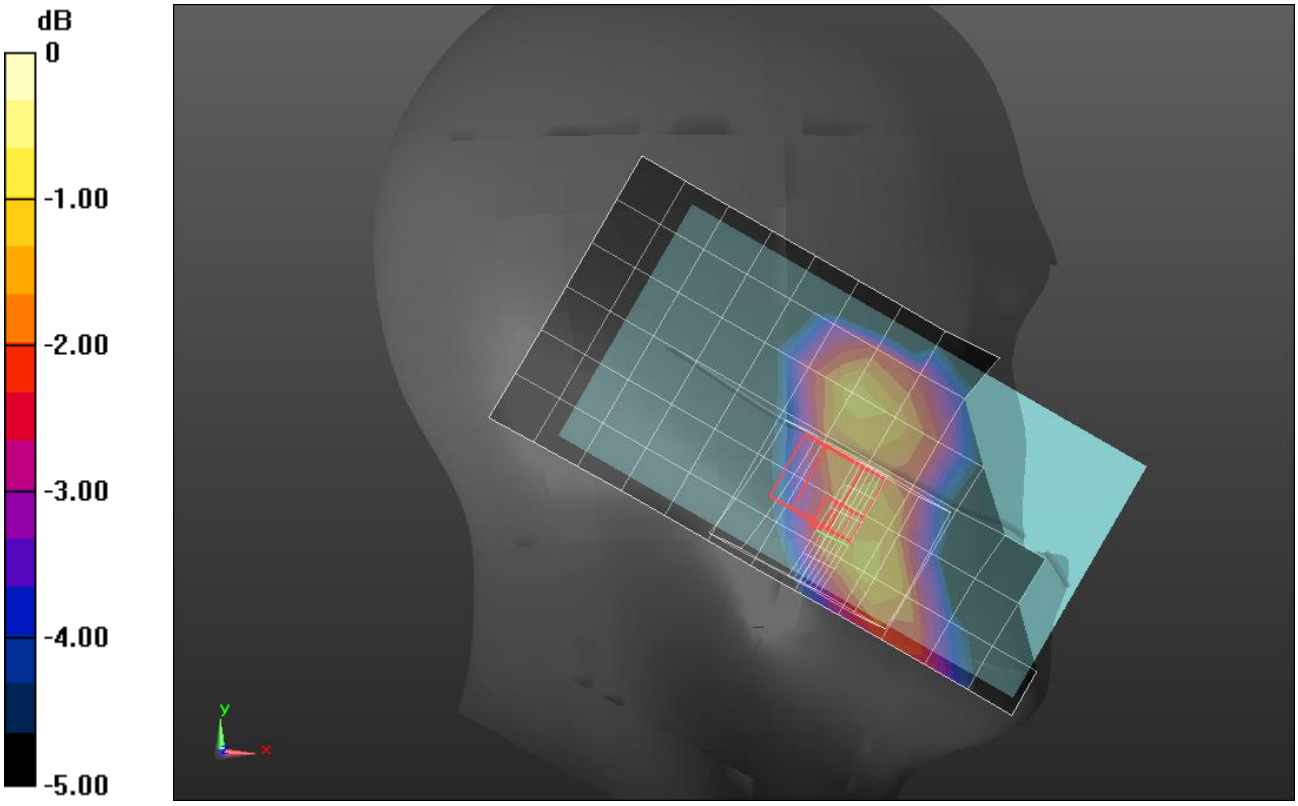
Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.931 S/m; $\varepsilon_r$ = 43.131; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(9.95, 9.95, 9.95); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## LHS/Touch_GPRS 4 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) = 0.101 W/kg

## LHS/Touch_GPRS 4 slots_ch 190/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.25 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.139 W/kg
**SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.086 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.128 W/kg




0 dB = 0.128 W/kg = -8.93 dBW/kg

## GSM850

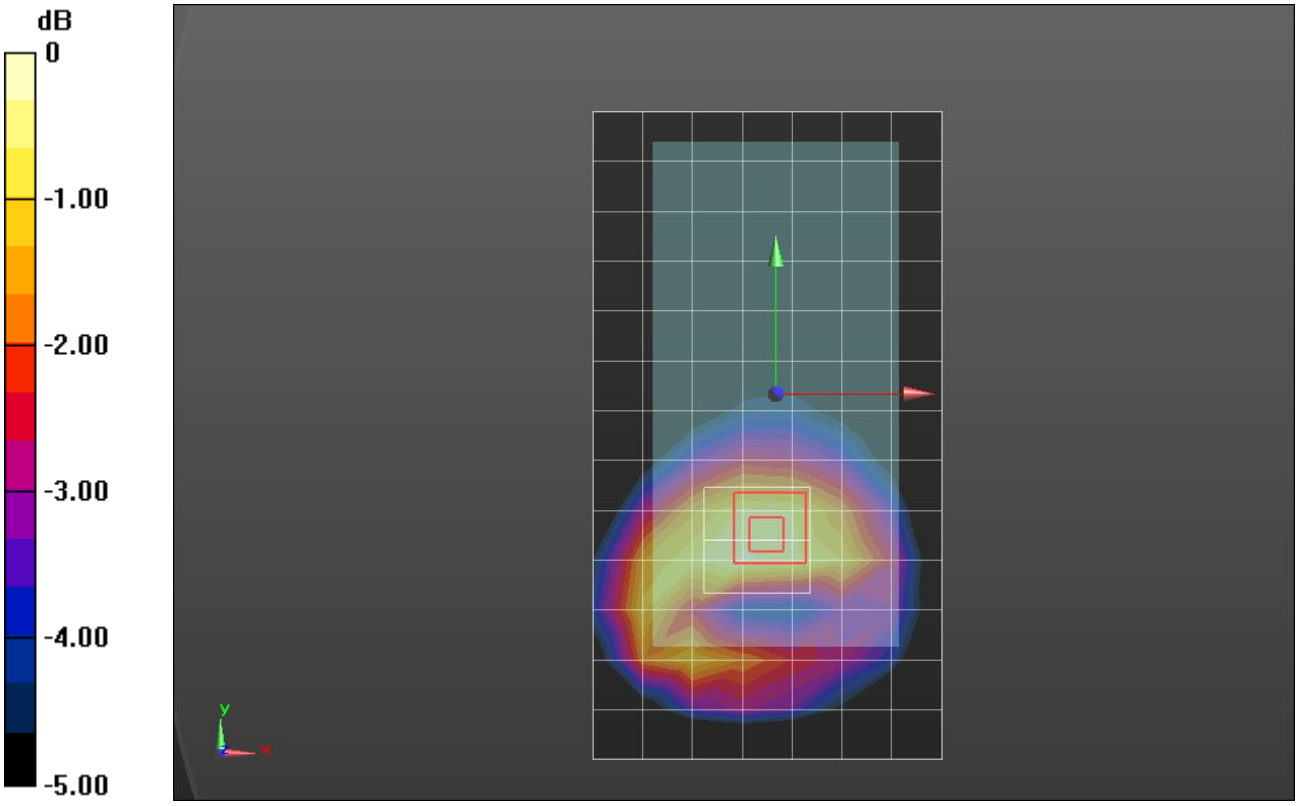
Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 55.234; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/GPRS 4 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) = 0.248 W/kg

### Front/GPRS 4 slots_ch 190_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.98 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.285 W/kg
**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.153 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.263 W/kg




0 dB = 0.263 W/kg = -5.80 dBW/kg

## GSM850

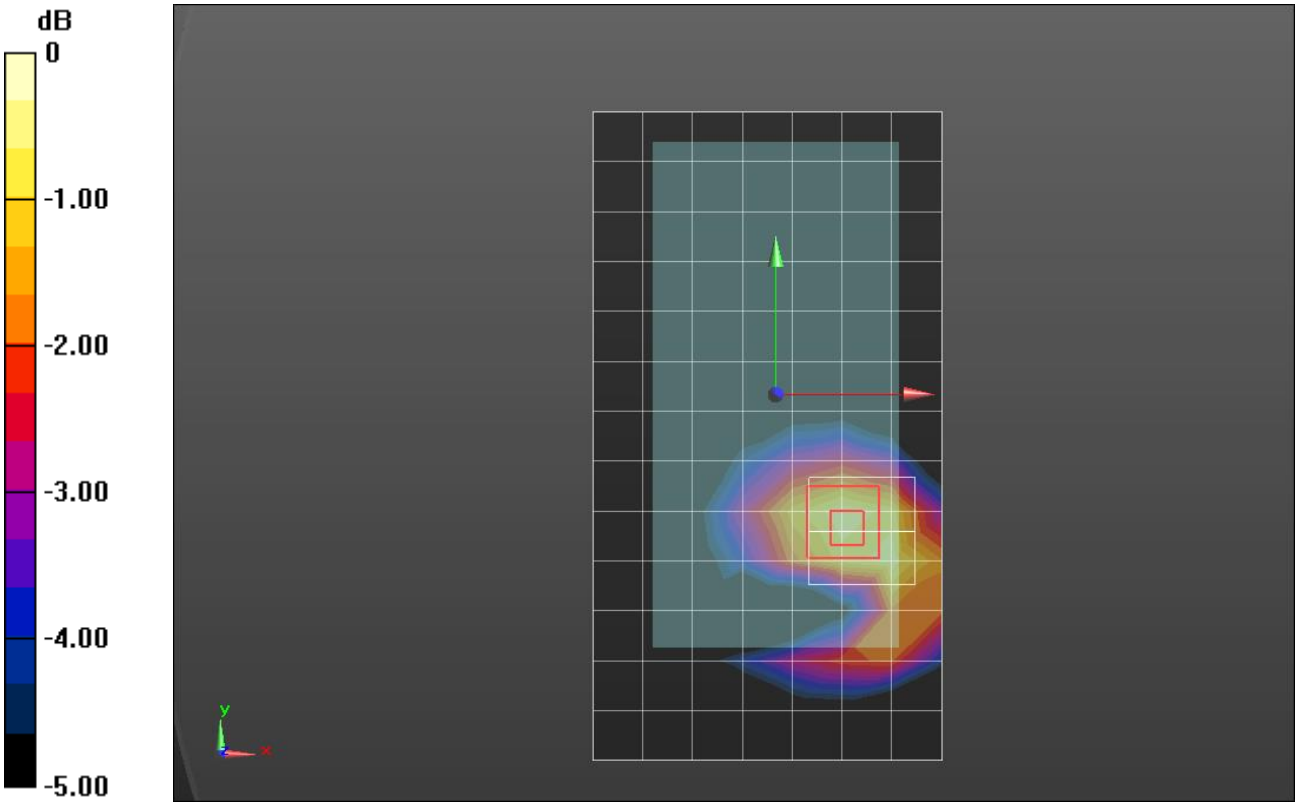
Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 55.234; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/GPRS 4 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) = 0.361 W/kg

### Rear/GPRS 4 slots_ch 190_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.04 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.436 W/kg
**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.217 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

# GSM1900

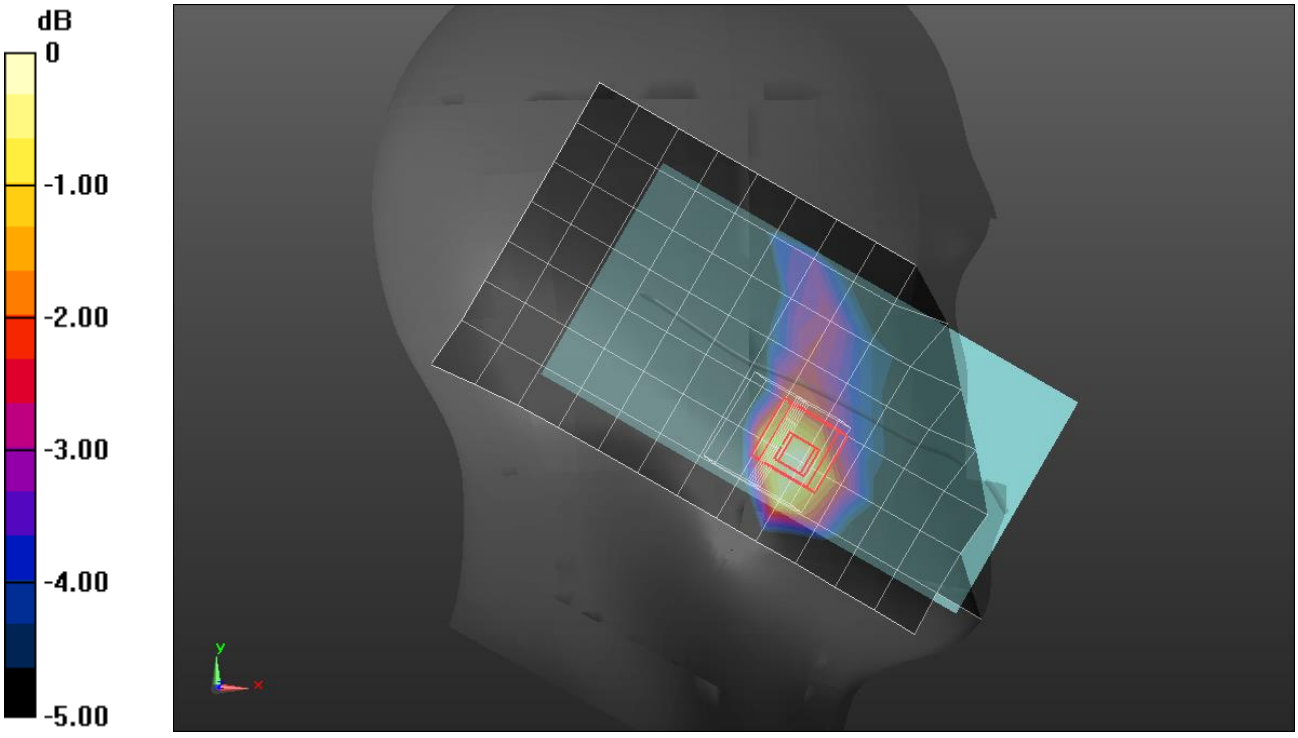
Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.379 S/m; $\varepsilon_r$ = 39.951; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(8.28, 8.28, 8.28); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1629

## LHS/Touch_GPRS 4 slots_ch 661/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.122 W/kg

## LHS/Touch_GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.621 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.133 W/kg
**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.054 W/kg**
Maximum value of SAR (measured) = 0.117 W/kg




0 dB = 0.117 W/kg = -9.32 dBW/kg

# GSM1900

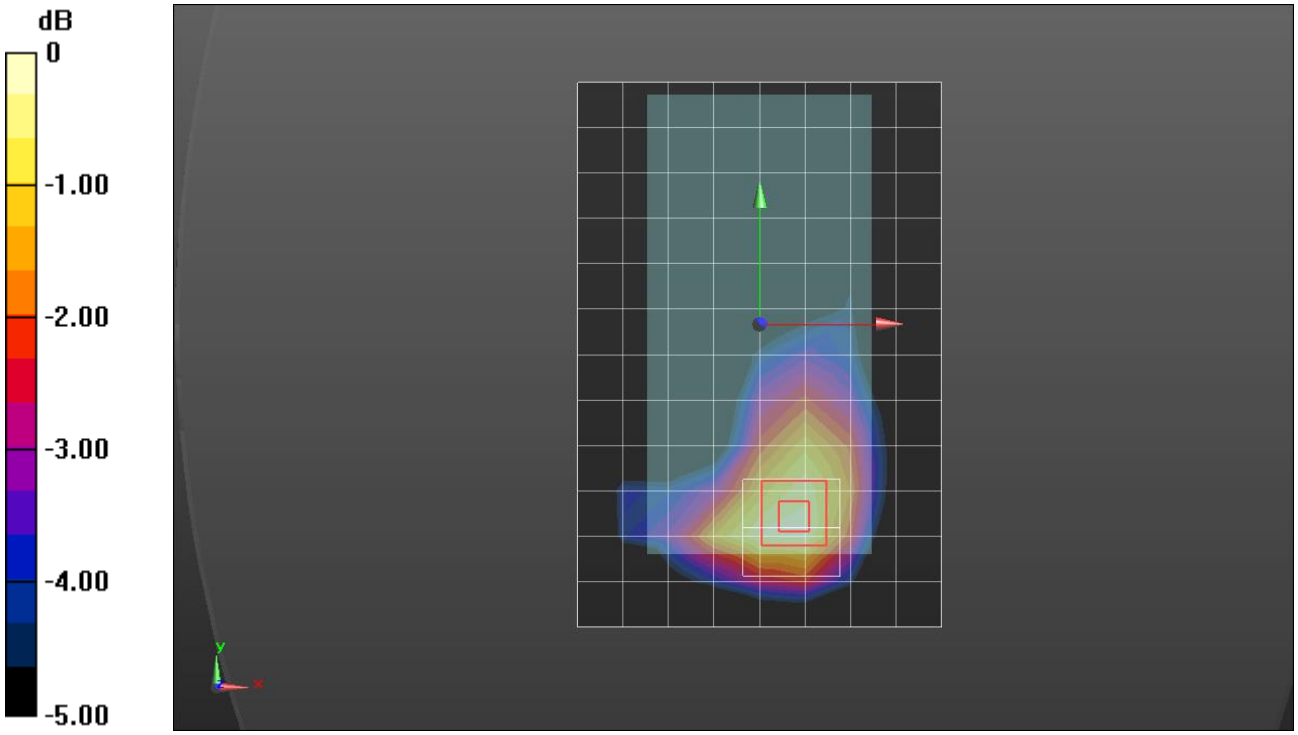
Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.527 S/m; $\varepsilon_r$ = 52.757; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1099

## Front/GPRS 4 slots_ch 661_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.114 W/kg

## Front/GPRS 4 slots_ch 661_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.291 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.136 W/kg
**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.058 W/kg**
Maximum value of SAR (measured) = 0.120 W/kg




0 dB = 0.120 W/kg = -9.21 dBW/kg

# GSM1900

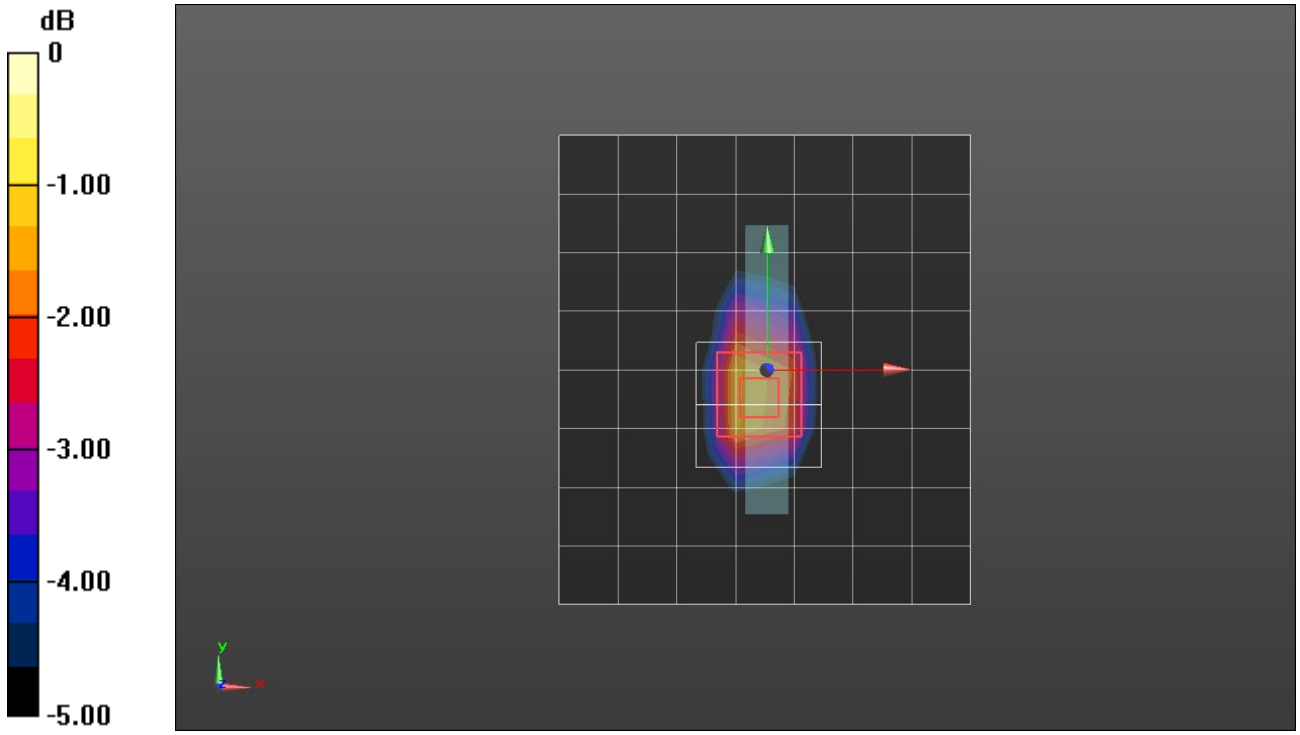
Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.527 S/m; $\varepsilon_r$ = 52.757; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1099

## Edge 3/GPRS 4 slots_ch 661/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.338 W/kg

## Edge 3/GPRS 4 slots_ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.03 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.538 W/kg
**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.165 W/kg**
Maximum value of SAR (measured) = 0.449 W/kg




0 dB = 0.449 W/kg = -3.48 dBW/kg

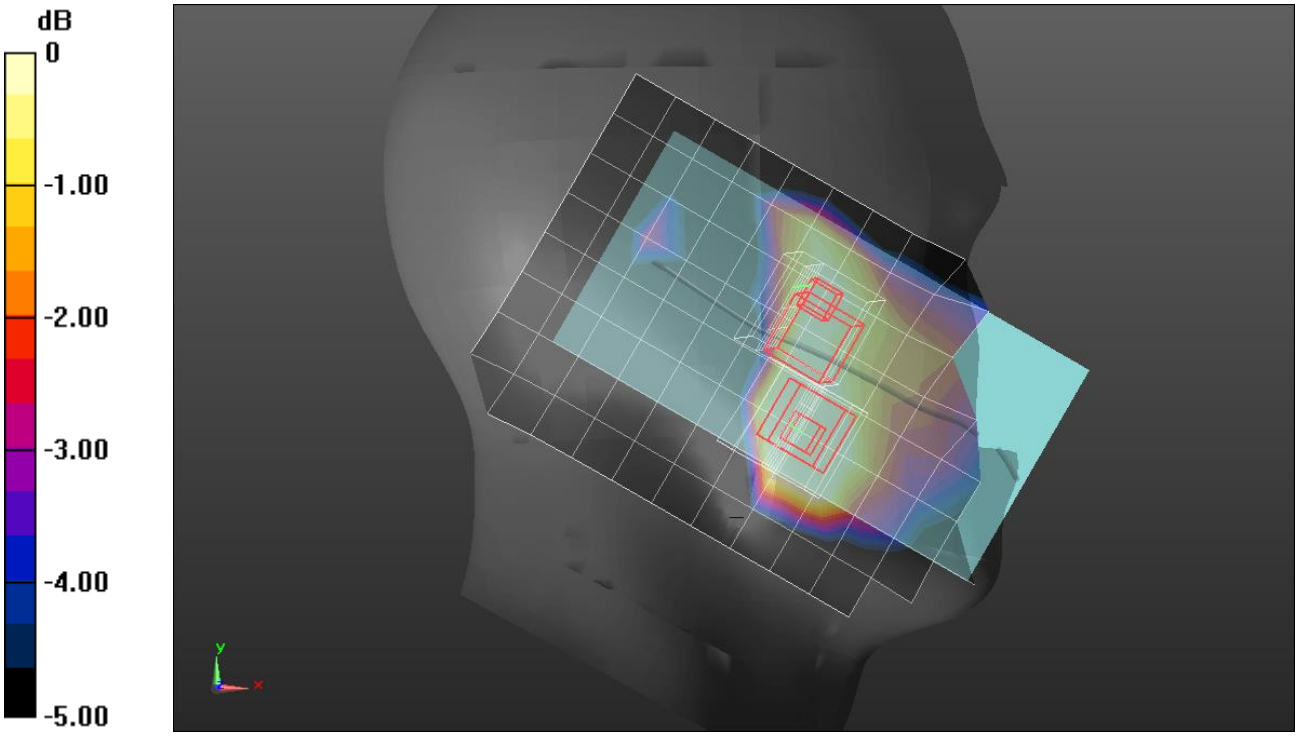
## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.379 S/m; $\varepsilon_r$ = 39.951; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(8.28, 8.28, 8.28); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

**LHS/Touch_RMC Rel. 99_ch 9400/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.163 W/kg

**LHS/Touch_RMC Rel. 99_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.24 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.172 W/kg
**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.069 W/kg**
Maximum value of SAR (measured) = 0.153 W/kg

**LHS/Touch_RMC Rel. 99_ch 9400/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.24 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.118 W/kg
**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.049 W/kg**
Maximum value of SAR (measured) = 0.100 W/kg




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

## W-CDMA Band II

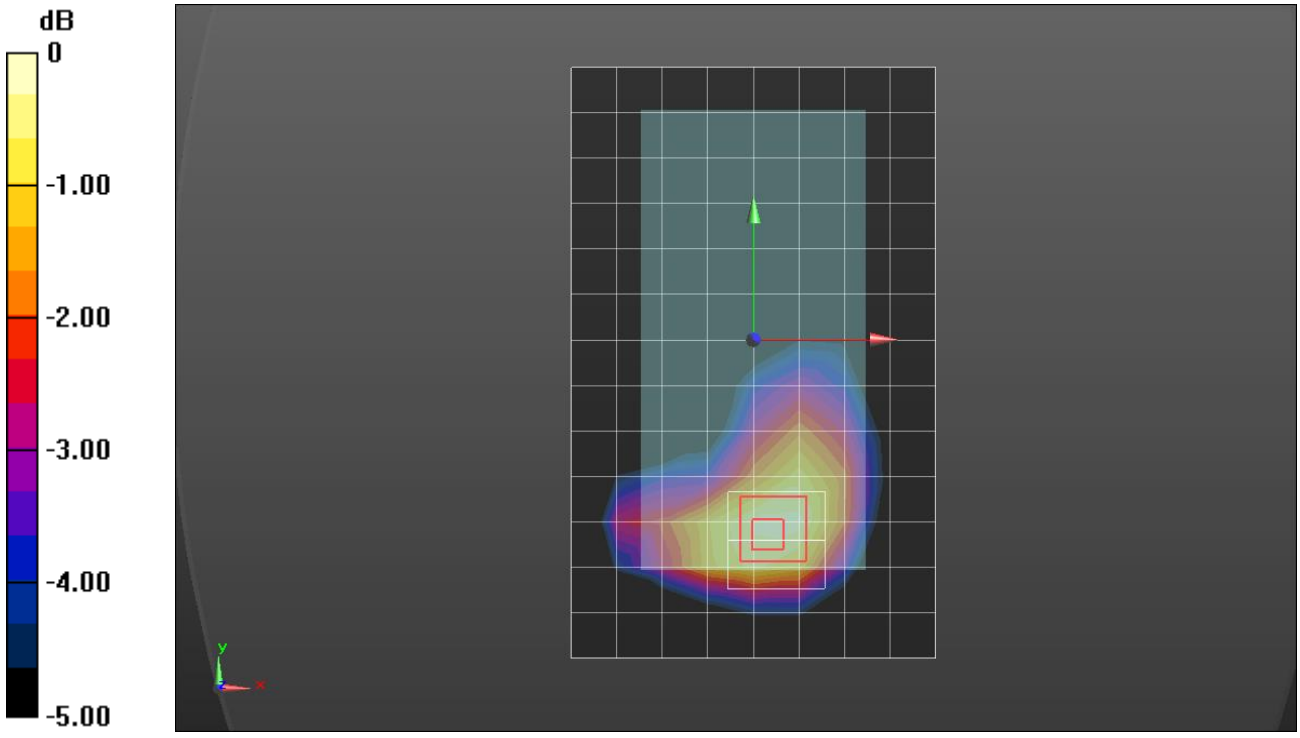
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.512 S/m; $\varepsilon_r$ = 52.303; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

### Front/RMC Rel. 99_ch 9400_15mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

### Front/RMC Rel. 99_ch 9400_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.82 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.243 W/kg
**SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.099 W/kg**
Maximum value of SAR (measured) = 0.209 W/kg




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

## W-CDMA Band II

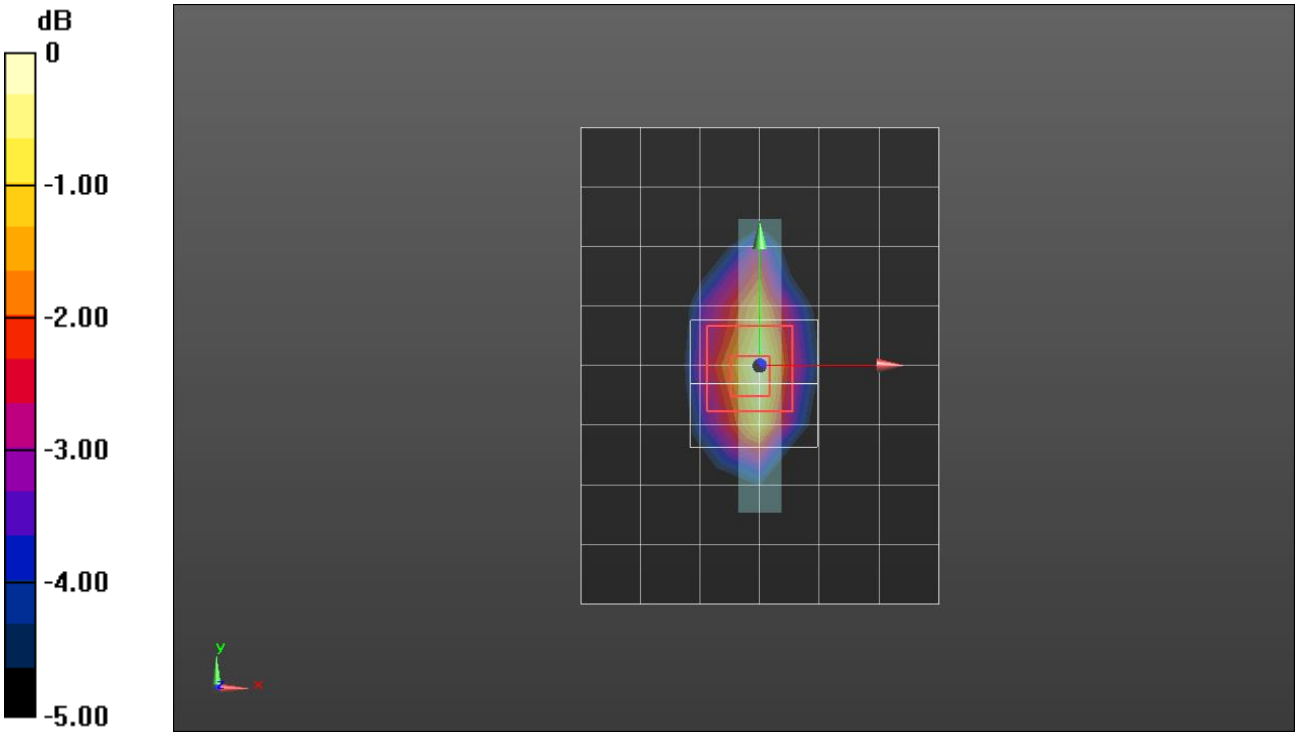
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.512 S/m; $\varepsilon_r$ = 52.303; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

### Edge 3/RMC Rel. 99_ch 9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.612 W/kg

### Edge 3/RMC Rel. 99_ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.62 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.749 W/kg
**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.240 W/kg**
Maximum value of SAR (measured) = 0.627 W/kg




0 dB = 0.627 W/kg = -2.03 dBW/kg

## W-CDMA Band IV

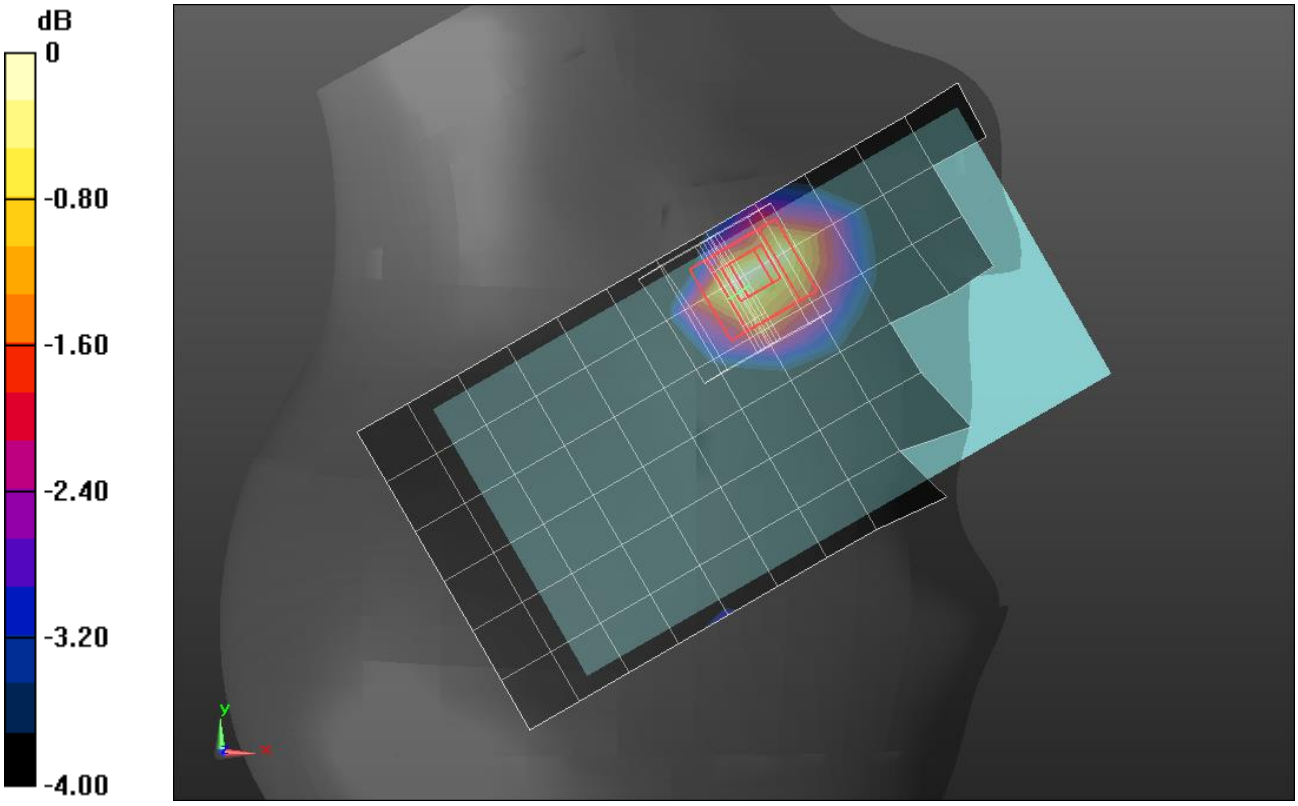
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.426 S/m; $\varepsilon_r$ = 41.84; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(8.92, 8.92, 8.92); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

### RHS/Touch_RMC Rel. 99_ch 1413/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.167 W/kg

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

Reference Value = 10.60 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.190 W/kg
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.090 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.




0 dB = 0.167 W/kg = -7.77 dBW/kg

## W-CDMA Band IV

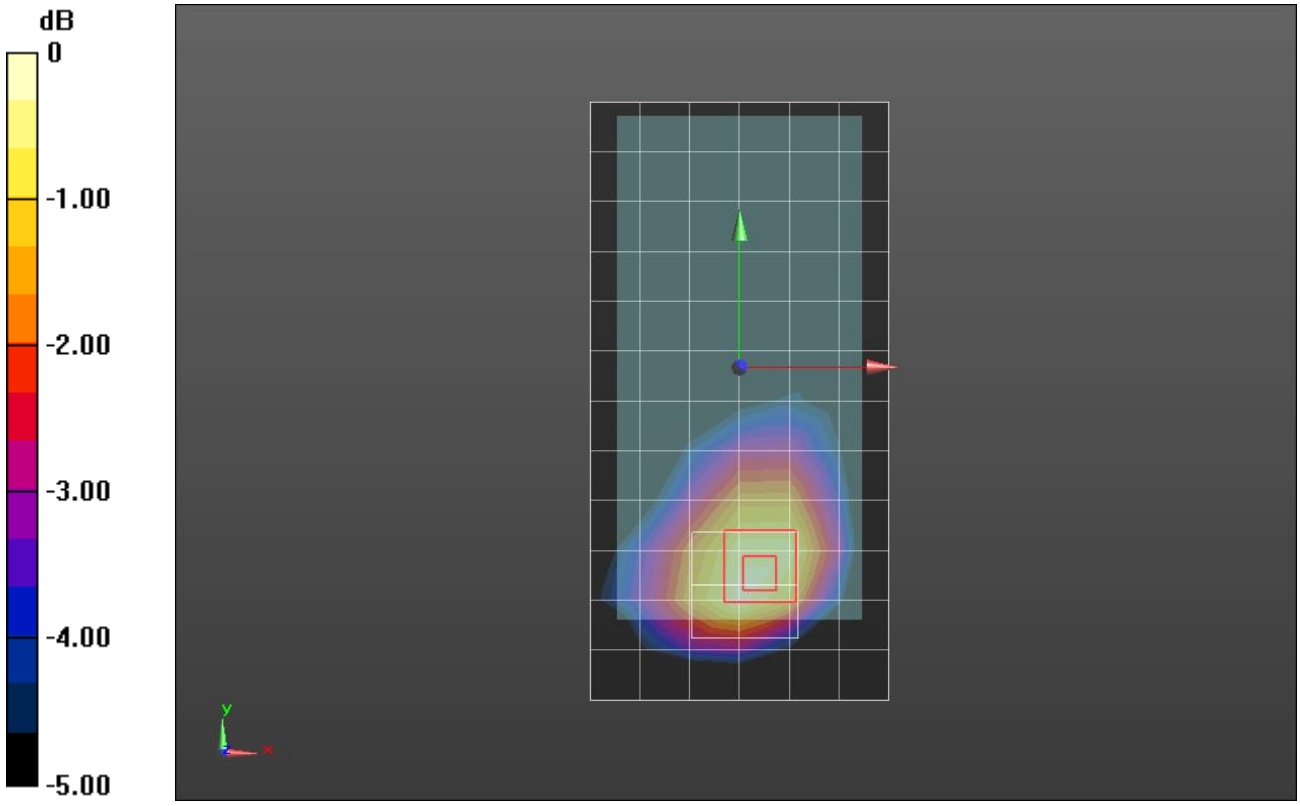
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.55 S/m; $\varepsilon_r$ = 53.474; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(8.53, 8.53, 8.53); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.332 W/kg

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

Reference Value = 13.98 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.397 W/kg
**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.177 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.345 W/kg




0 dB = 0.345 W/kg = -4.62 dBW/kg

## W-CDMA Band IV

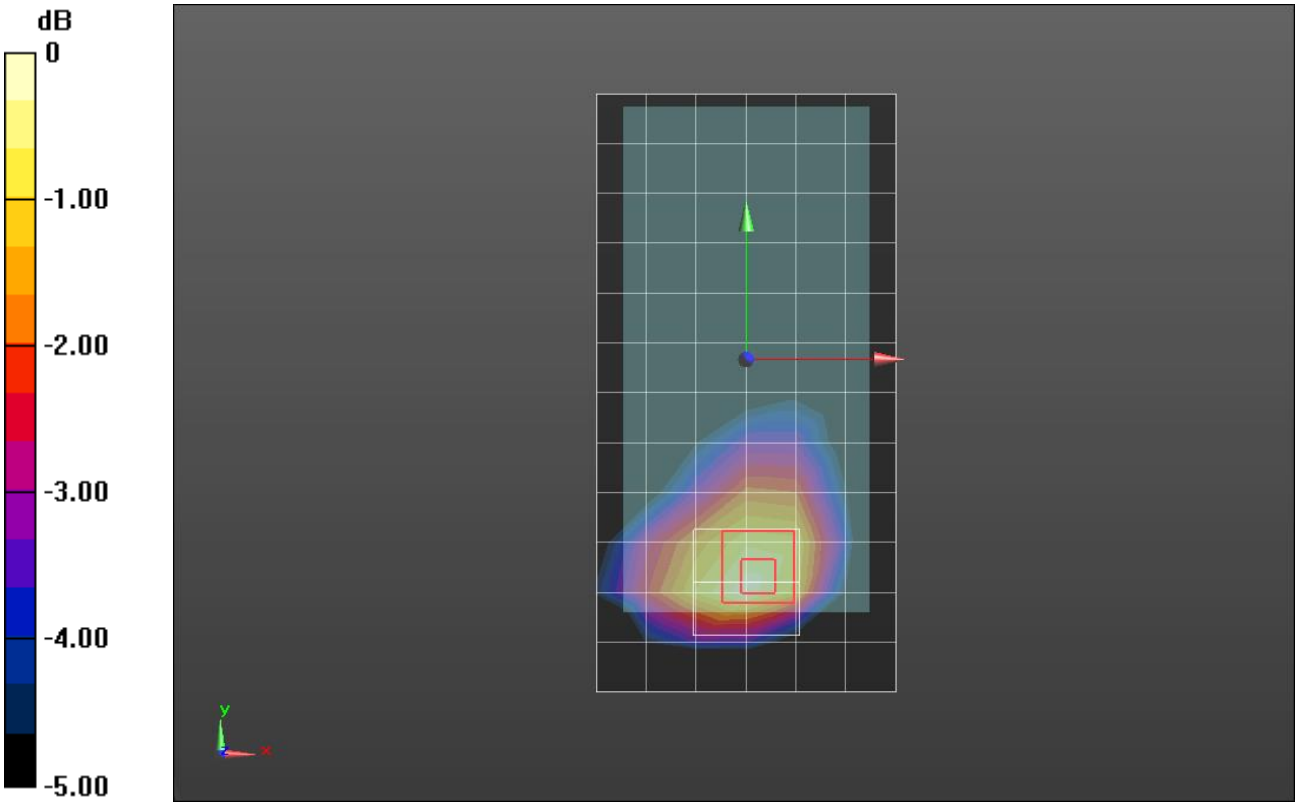
Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.55 S/m; $\varepsilon_r$ = 53.474; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(8.53, 8.53, 8.53); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.533 W/kg

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

Reference Value = 17.68 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.611 W/kg
**SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.271 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.540 W/kg




0 dB = 0.540 W/kg = -2.68 dBW/kg

## W-CDMA Band V

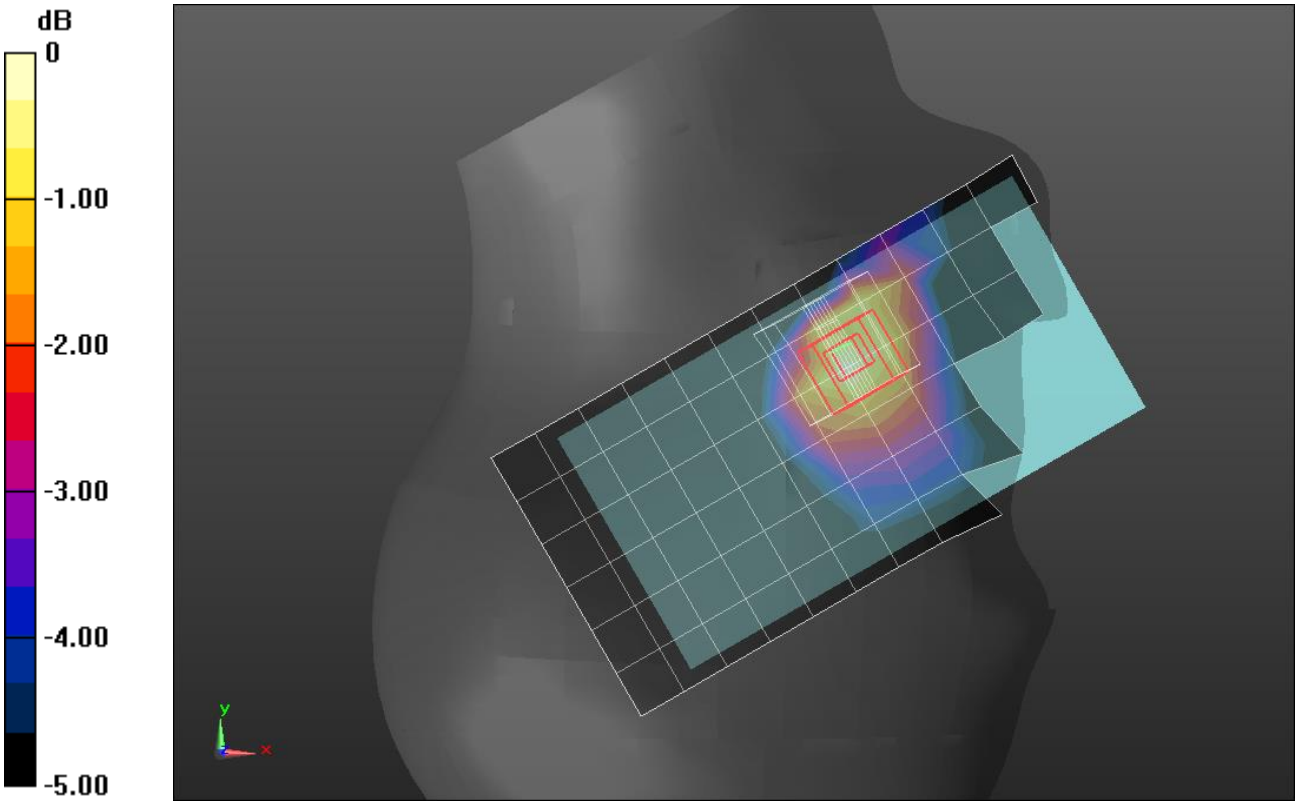
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.899 S/m; $\varepsilon_r$ = 41.864; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(9.95, 9.95, 9.95); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

### RHS/Touch_RMC Rel. 99_ch 4183/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.132 W/kg

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

Reference Value = 11.87 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.167 W/kg
**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.082 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.136 W/kg




0 dB = 0.136 W/kg = -8.66 dBW/kg

## W-CDMA Band V

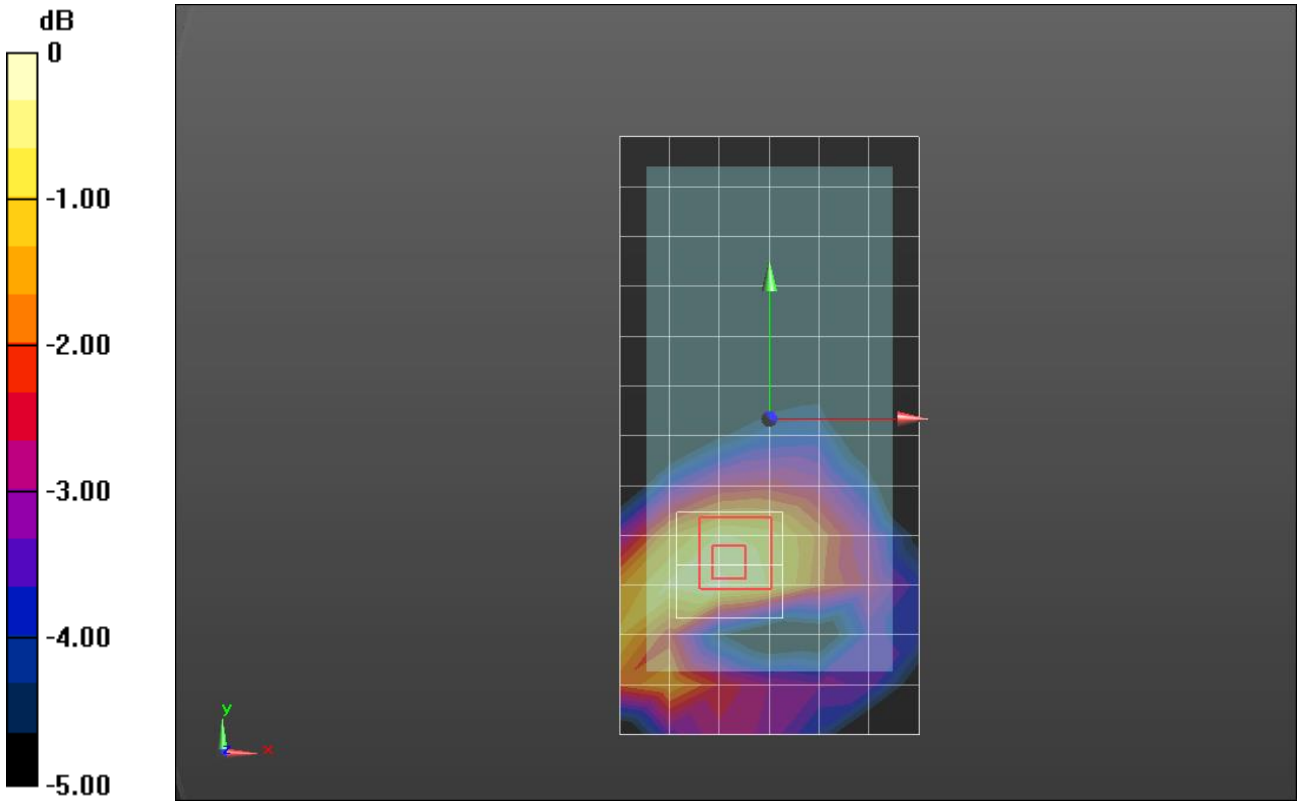
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 56.322; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/RMC Rel. 99_ch 4183 15mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.198 W/kg

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

Reference Value = 13.81 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.228 W/kg
**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.122 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

## W-CDMA Band V

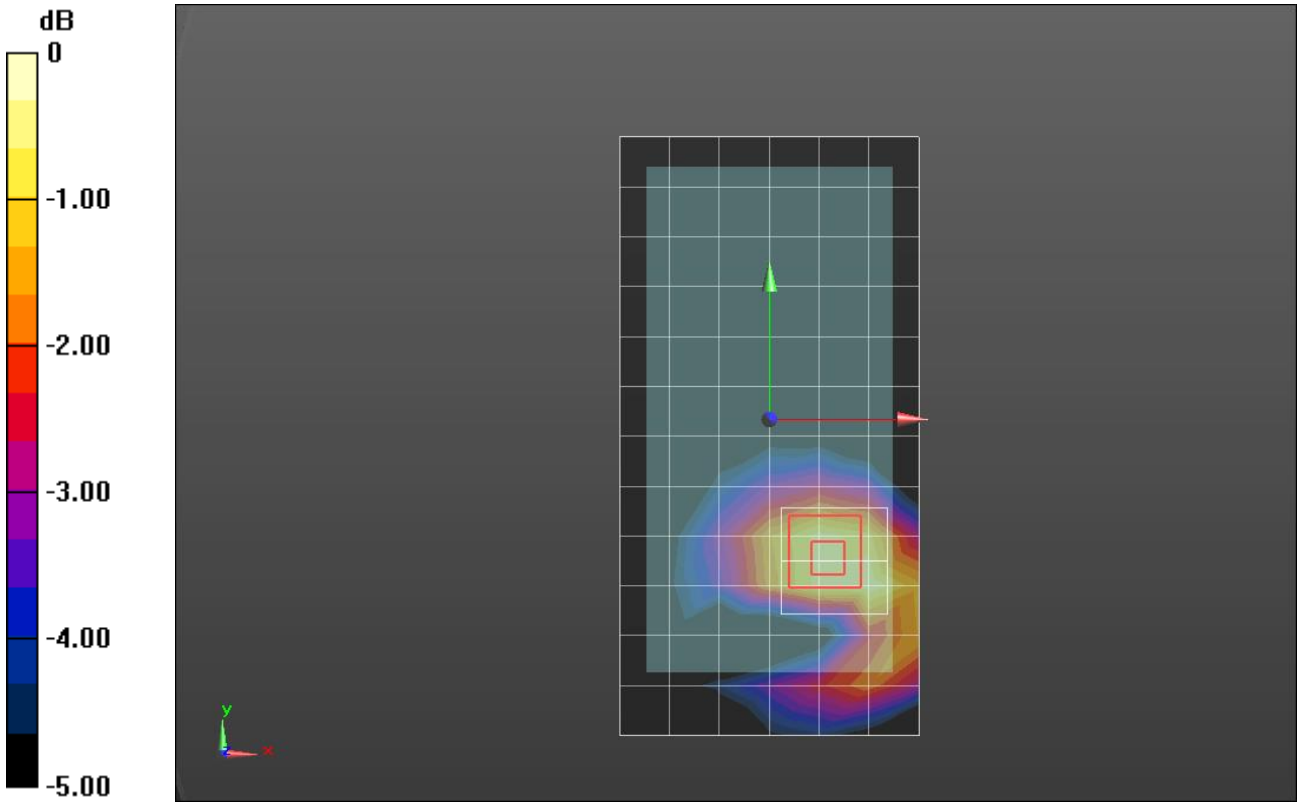
Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 56.322; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/RMC Rel. 99_ch 4183 10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.304 W/kg

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

Reference Value = 16.94 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.365 W/kg
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.183 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.331 W/kg




0 dB = 0.331 W/kg = -4.80 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; $\sigma$ = 1.413 S/m; $\varepsilon_r$ = 40.722; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(8.28, 8.28, 8.28); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## RHS/Touch_QPSK RB 1,0 Ch 18900/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

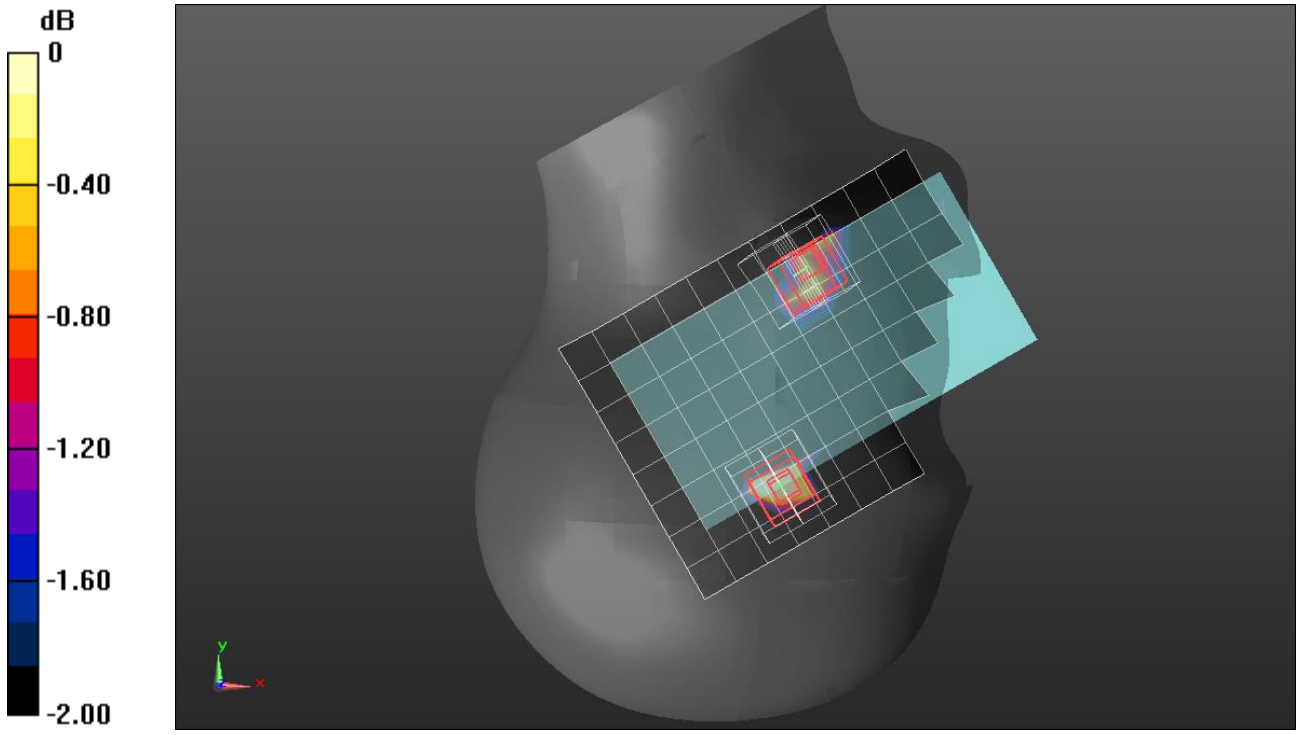
Maximum value of SAR (measured) = 0.124 W/kg

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

Reference Value = 8.505 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.306 W/kg
**SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.059 W/kg**
Maximum value of SAR (measured) = 0.251 W/kg

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

Reference Value = 8.505 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.107 W/kg
**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.044 W/kg**
Maximum value of SAR (measured) = 0.0924 W/kg




0 dB = 0.0924 W/kg = -10.34 dBW/kg

# LTE Band 2

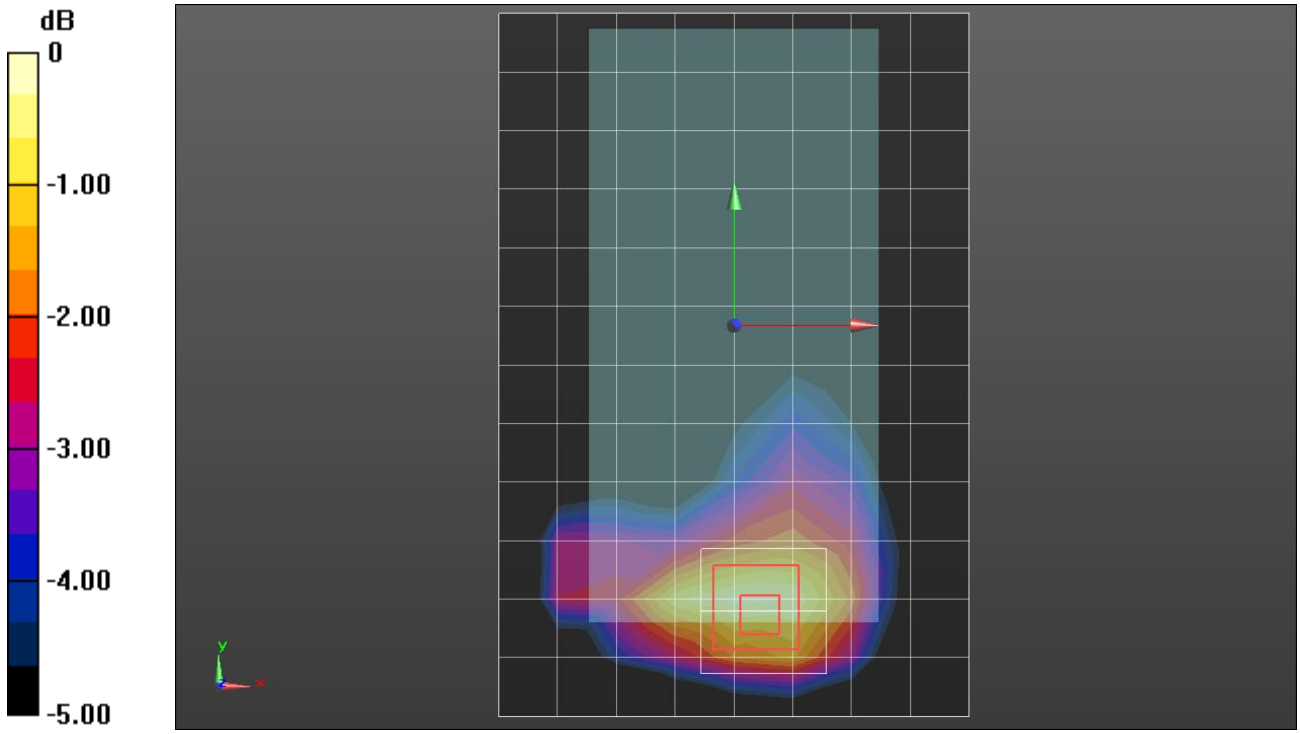
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.512 S/m; $\varepsilon_r$ = 52.303; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

## Front/Front_QPSK RB 1,0 Ch 18900_15mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.181 W/kg

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

Reference Value = 10.35 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.220 W/kg
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.085 W/kg**
Maximum value of SAR (measured) = 0.190 W/kg




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

# LTE Band 2

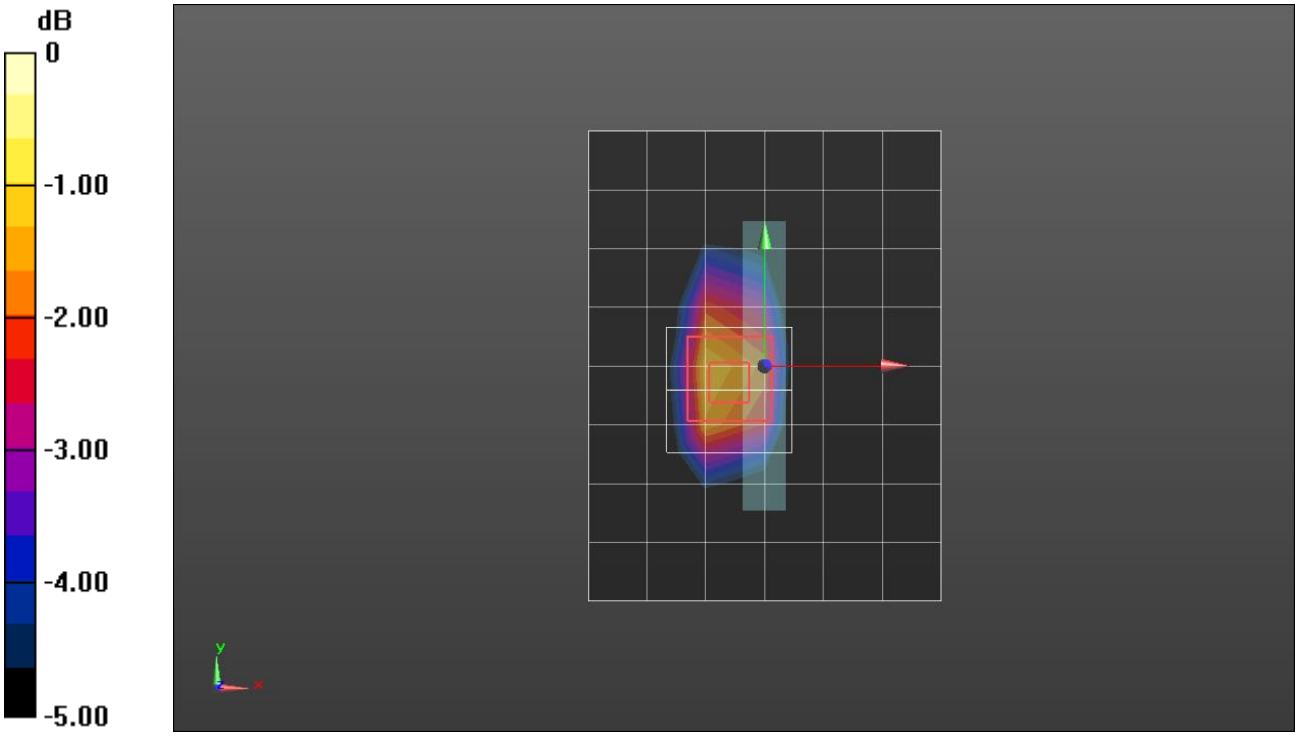
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.512 S/m; $\varepsilon_r$ = 52.303; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1434; Calibrated: 4/19/2017
- Probe: EX3DV4 - SN7463; ConvF(7.83, 7.83, 7.83); Calibrated: 7/5/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

## Edge 3/Edge 3_QPSK RB 1,0_Ch 18900/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.472 W/kg

## Edge 3/Edge 3_QPSK RB 1,0_Ch 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.54 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.697 W/kg
**SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.222 W/kg**
Maximum value of SAR (measured) = 0.588 W/kg




0 dB = 0.588 W/kg = -2.31 dBW/kg

# LTE Band 5 Head

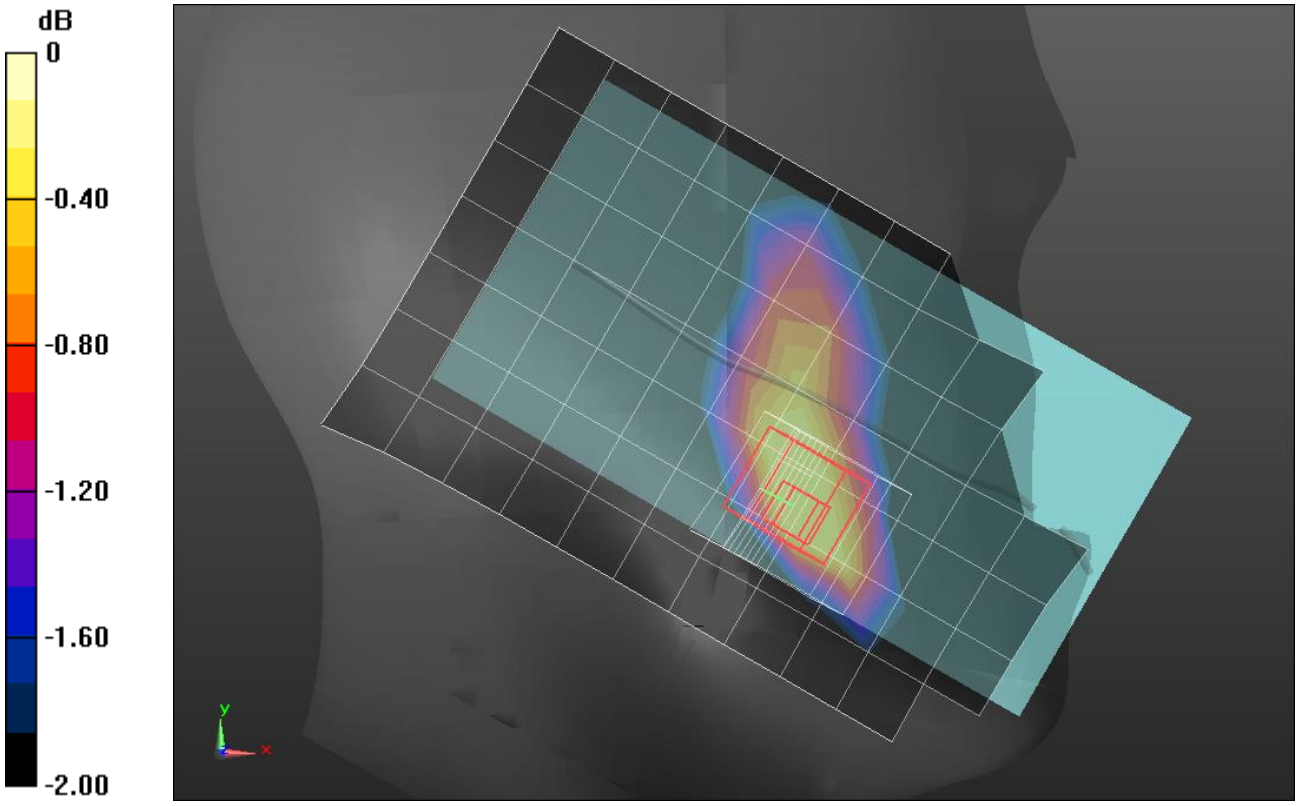
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; $\sigma$ = 0.931 S/m; $\varepsilon_r$ = 43.131; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(9.95, 9.95, 9.95); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## LHS/Touch_QPSK RB 1,25 Ch 20525/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0976 W/kg

## LHS/Touch_QPSK RB 1,25 Ch 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.890 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.114 W/kg
**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.065 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.104 W/kg




0 dB = 0.104 W/kg = -9.83 dBW/kg

# LTE Band 5

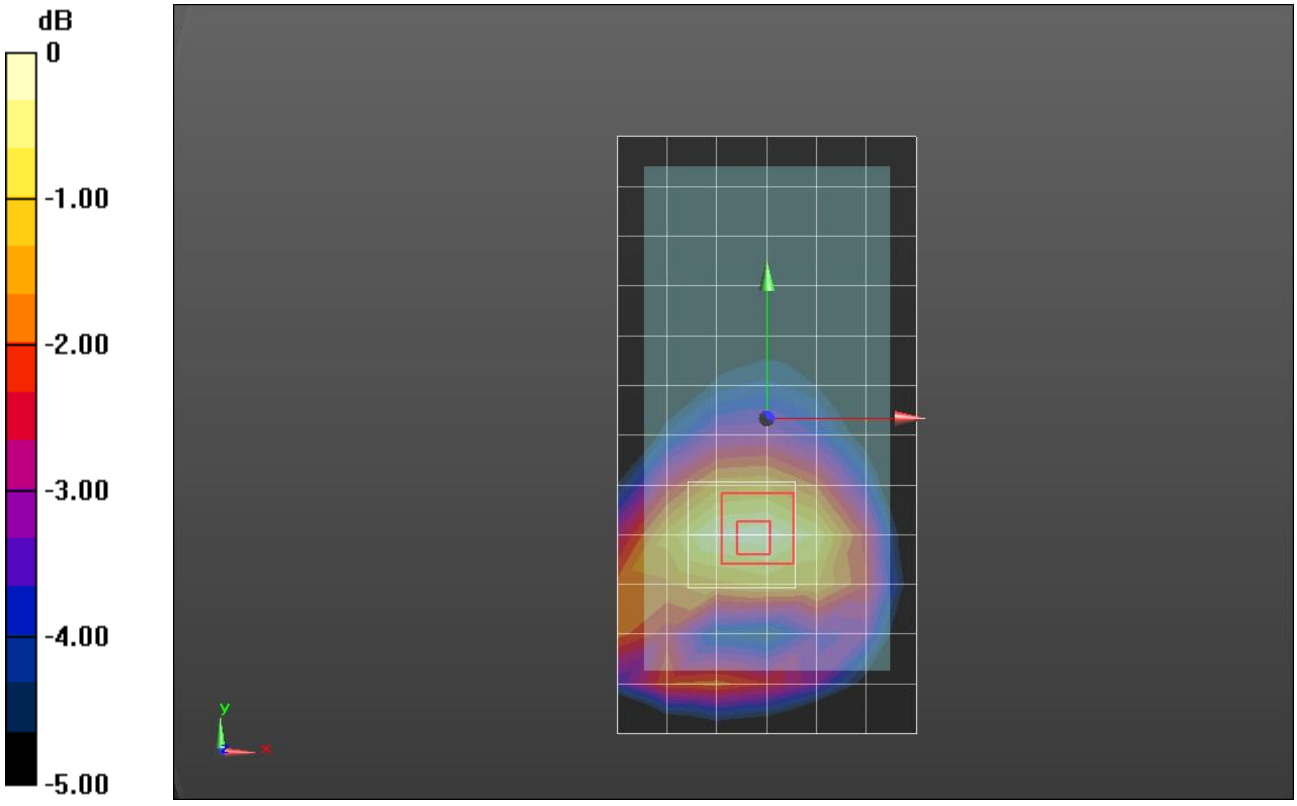
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 55.234; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,25 Ch 20525 15mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.208 W/kg

## Front/QPSK RB 1,25 Ch 20525 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.13 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.233 W/kg
**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.127 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.212 W/kg




0 dB = 0.212 W/kg = -6.74 dBW/kg

# LTE Band 5

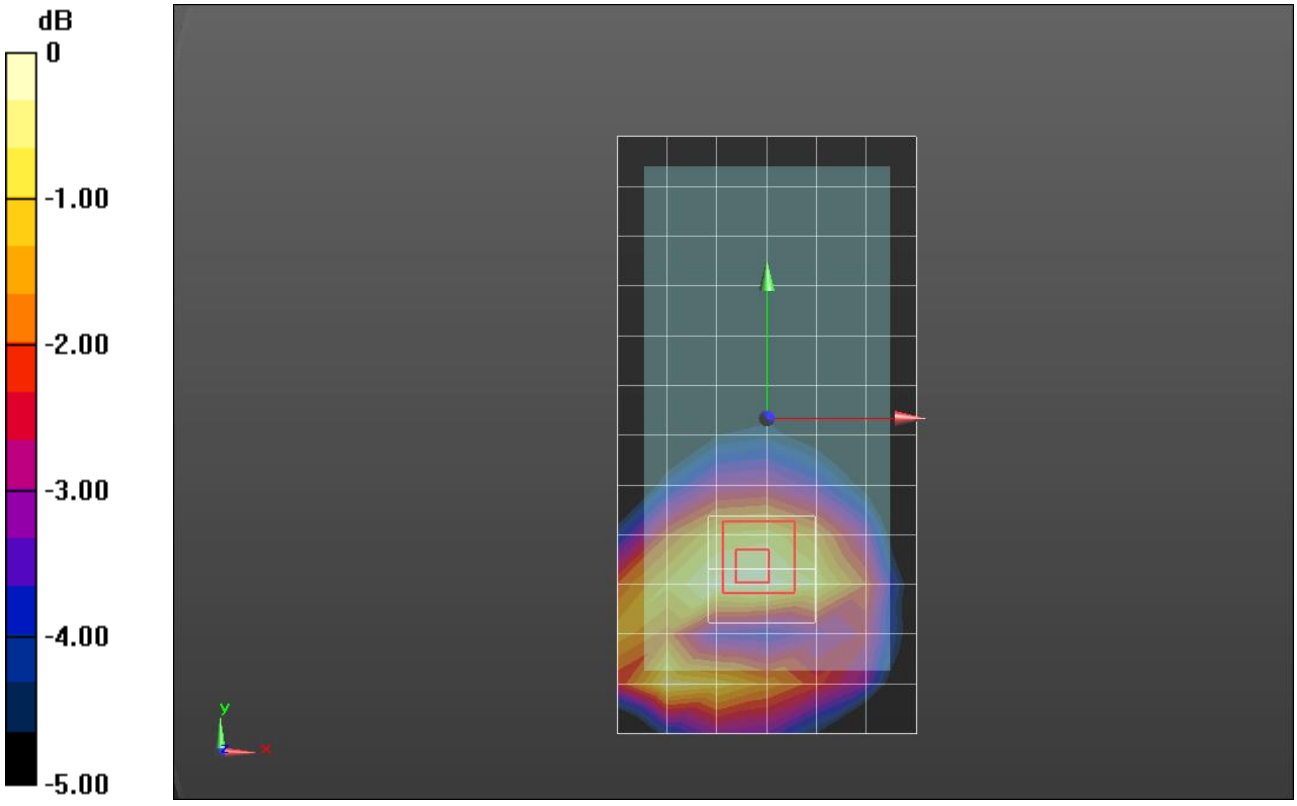
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.5 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 55.234; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,25 Ch 20525 10mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.313 W/kg

## Front/QPSK RB 1,25 Ch 20525 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.14 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.352 W/kg
**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.188 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.320 W/kg




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

# LTE Band 7

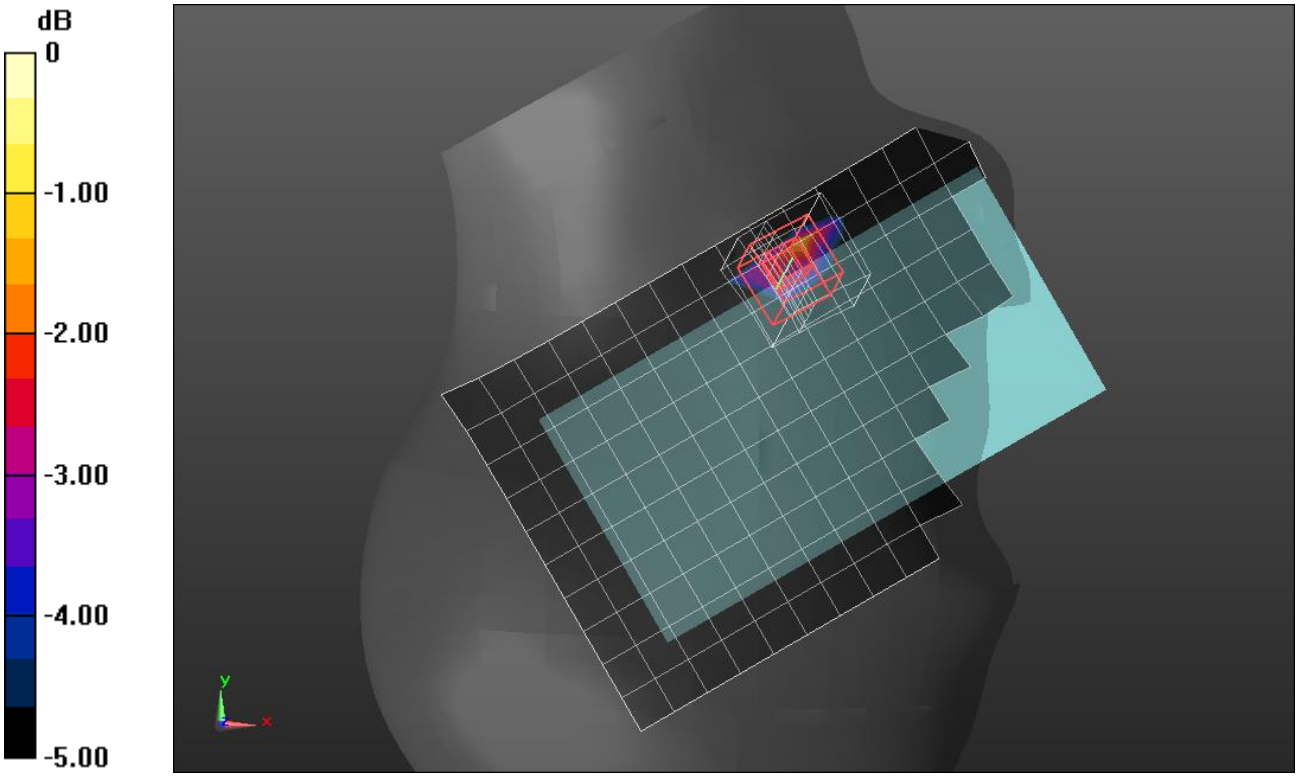
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; $\sigma$ = 2.046 S/m; $\varepsilon_r$ = 40.488; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.71, 6.71, 6.71); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## RHS/Touch_QPSK RB 50,24 Ch 21100/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.118 W/kg

## RHS/Touch_QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.603 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.207 W/kg
**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.036 W/kg**
Maximum value of SAR (measured) = 0.159 W/kg




0 dB = 0.159 W/kg = -7.99 dBW/kg

# LTE Band 7

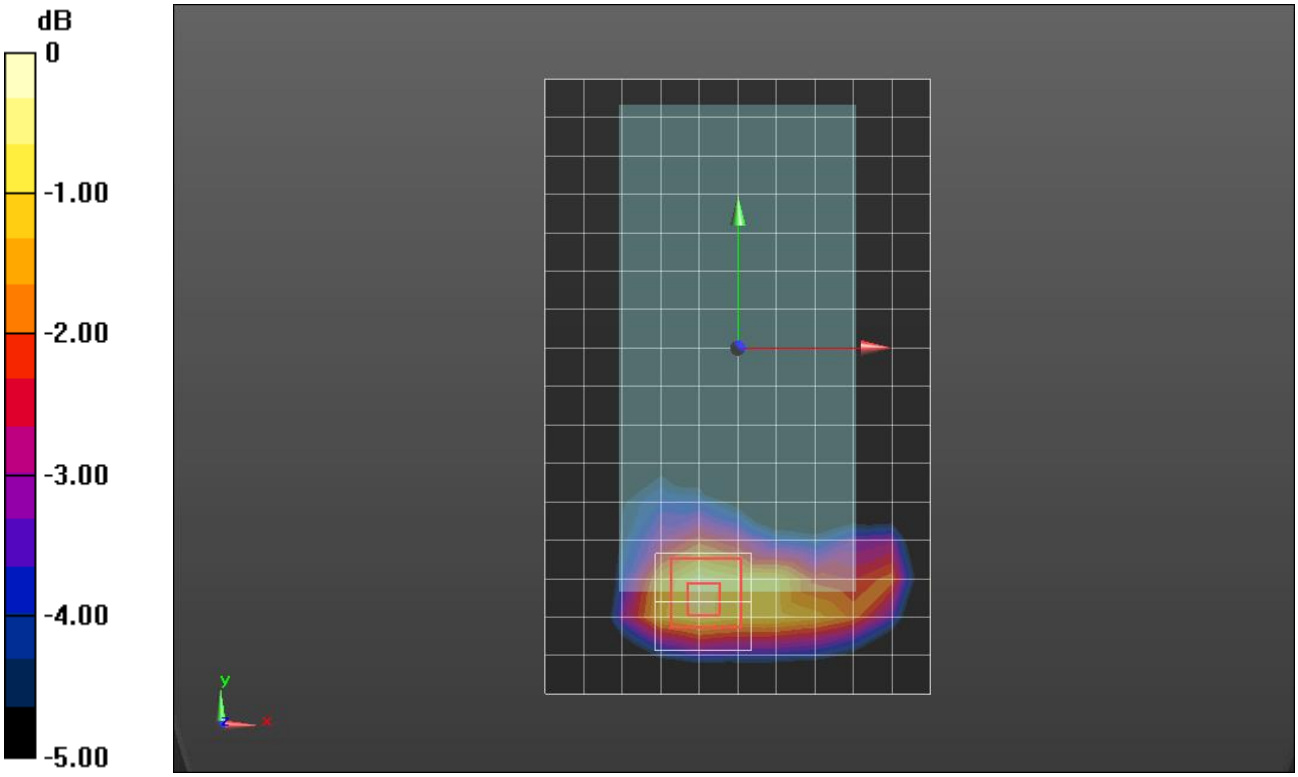
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; $\sigma$ = 2.227 S/m; $\varepsilon_r$ = 50.924; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.74, 6.74, 6.74); 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 1/2; Type: QD OVA 001 BB; Serial: 1120

## Front/QPSK RB 50,24 Ch 21100/15mm/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.144 W/kg

## Front/QPSK RB 50,24 Ch 21100/15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.539 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.196 W/kg
**SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.056 W/kg**
Maximum value of SAR (measured) = 0.160 W/kg




0 dB = 0.160 W/kg = -7.96 dBW/kg

# LTE Band 7

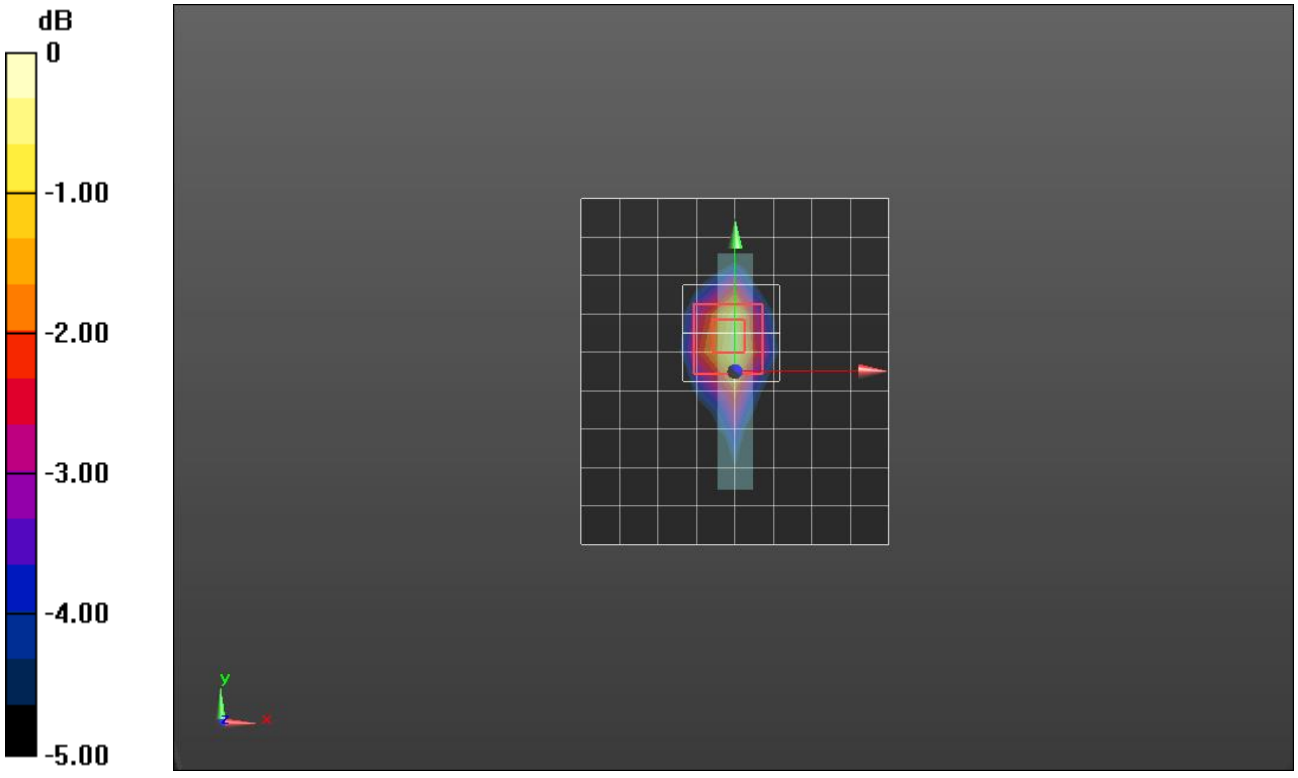
Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2535 MHz; $\sigma$ = 2.054 S/m; $\varepsilon_r$ = 51.326; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.74, 6.74, 6.74); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 001 BB; Serial: 1120

## Edge 3/QPSK RB 50,24 Ch 21100/Area Scan (9x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.570 W/kg

## Edge 3/QPSK RB 50,24 Ch 21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.977 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.753 W/kg
**SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.186 W/kg**
Maximum value of SAR (measured) = 0.605 W/kg




0 dB = 0.605 W/kg = -2.18 dBW/kg

# LTE Band 12

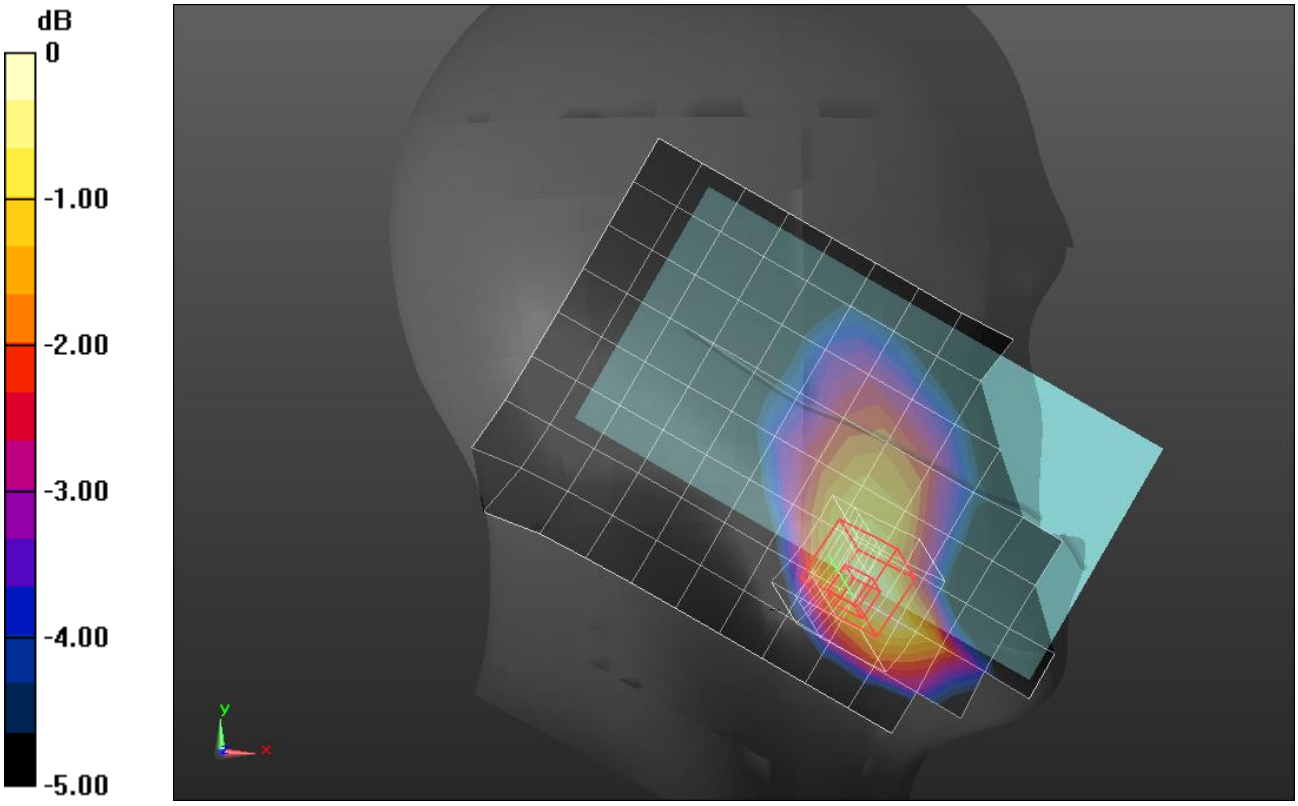
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; $\sigma$ = 0.82 S/m; $\varepsilon_r$ = 44.728; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.52, 10.52, 10.52); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## LHS/Touch_QPSK RB 1,49 Ch 23095/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0687 W/kg

## LHS/Touch_QPSK RB 1,49 Ch 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.415 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0810 W/kg
**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.040 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0731 W/kg




0 dB = 0.0731 W/kg = -11.36 dBW/kg

## LTE Band 12

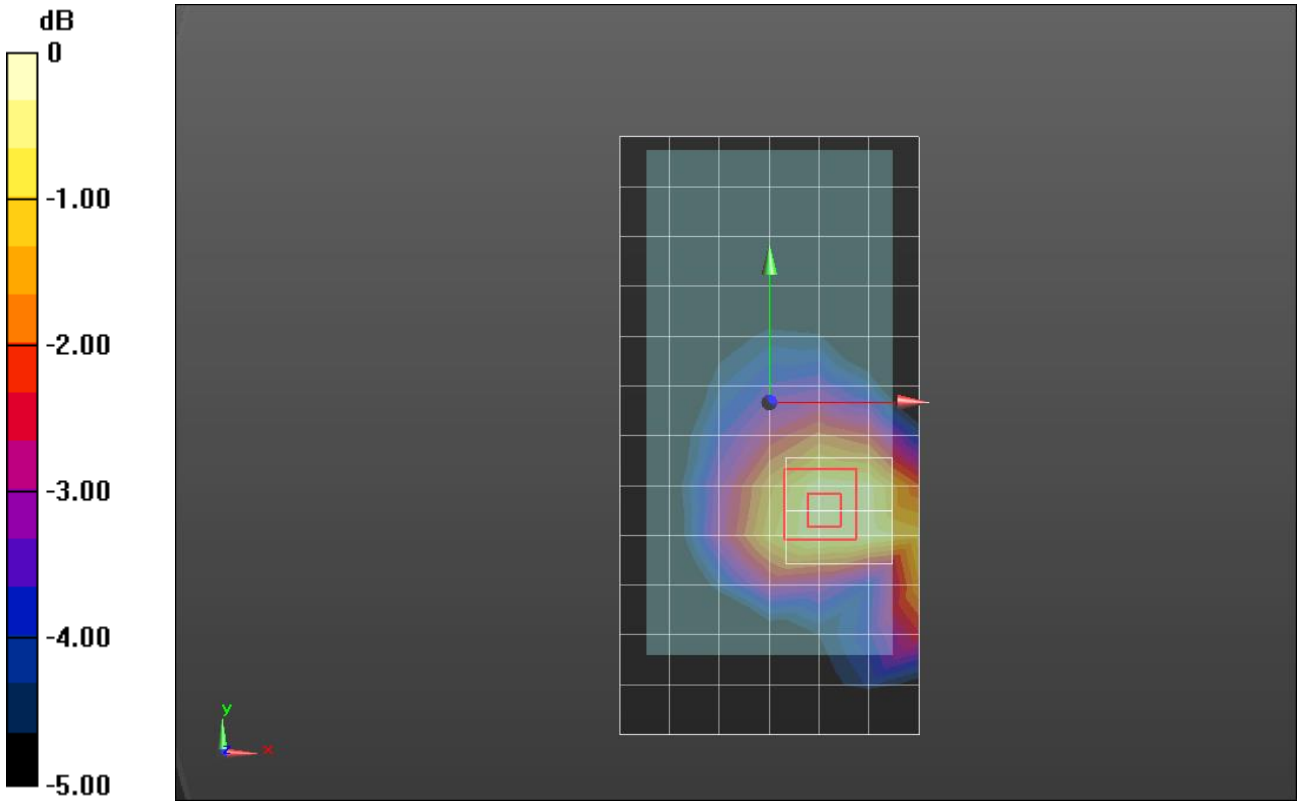
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; $\sigma$ = 0.917 S/m; $\varepsilon_r$ = 55.481; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.56, 10.56, 10.56); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/QPSK RB 1,49 Ch 23095_15mm/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.185 W/kg

### Rear/QPSK RB 1,49 Ch 23095_15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.42 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.219 W/kg
**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.116 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.199 W/kg




0 dB = 0.199 W/kg = -7.01 dBW/kg

# LTE Band 12

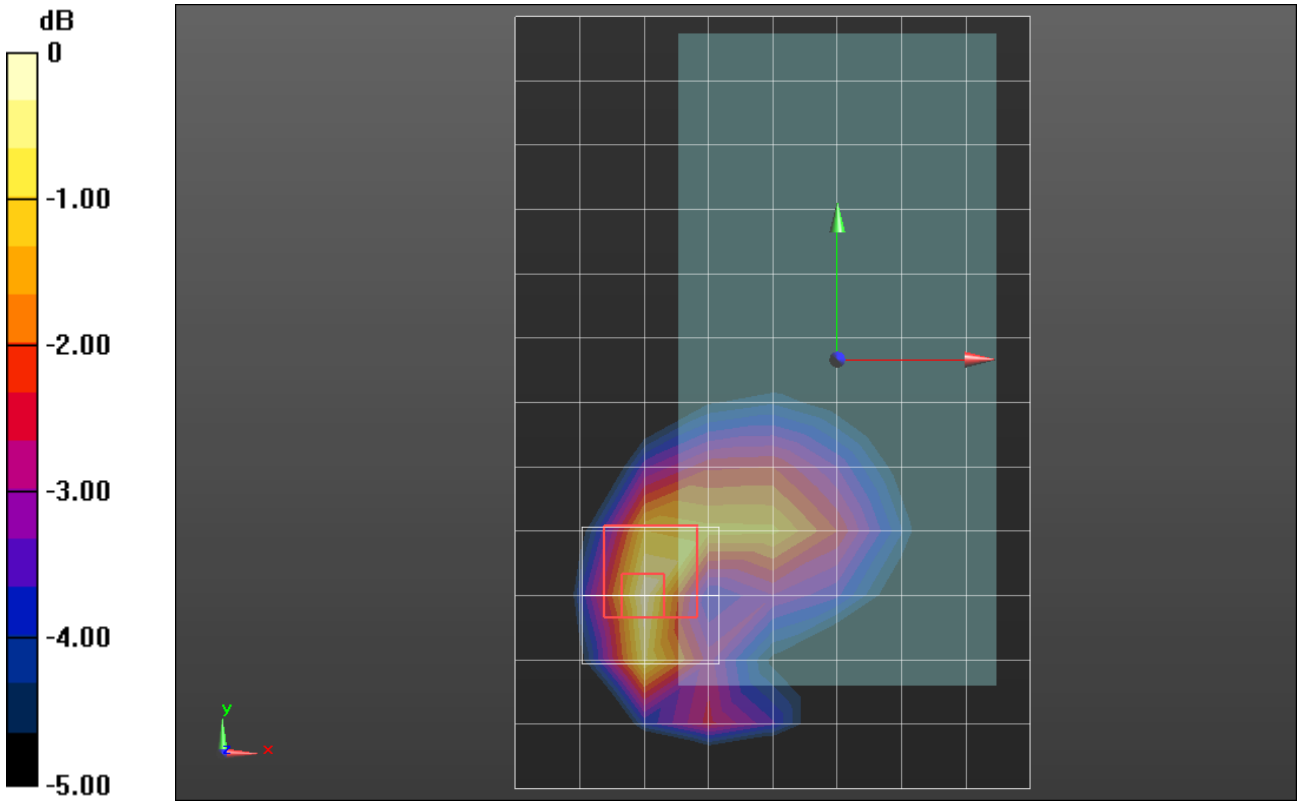
Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 707.5 MHz; $\sigma$ = 0.917 S/m; $\varepsilon_r$ = 55.481; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.56, 10.56, 10.56); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,49 Ch 23095_10mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.369 W/kg

## Front/QPSK RB 1,49 Ch 23095_10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.89 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.447 W/kg
**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.150 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.374 W/kg




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

# LTE Band 13

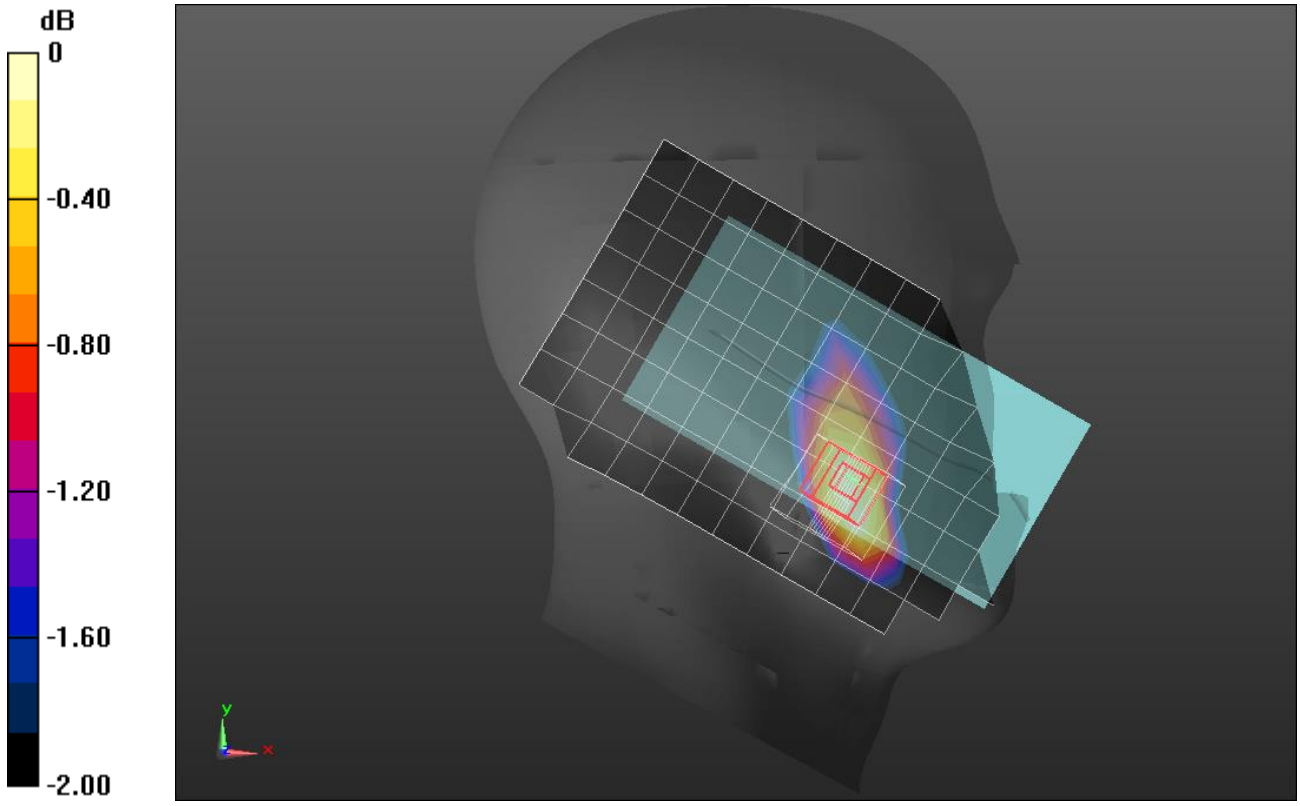
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; $\sigma$ = 0.865 S/m; $\varepsilon_r$ = 44.737; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.52, 10.52, 10.52); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## LHS/Touch_QPSK RB 1,25 Ch 23230/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.195 W/kg

## LHS/Touch_QPSK RB 1,25 Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.62 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.209 W/kg
**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.126 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.194 W/kg




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

# LTE Band 13

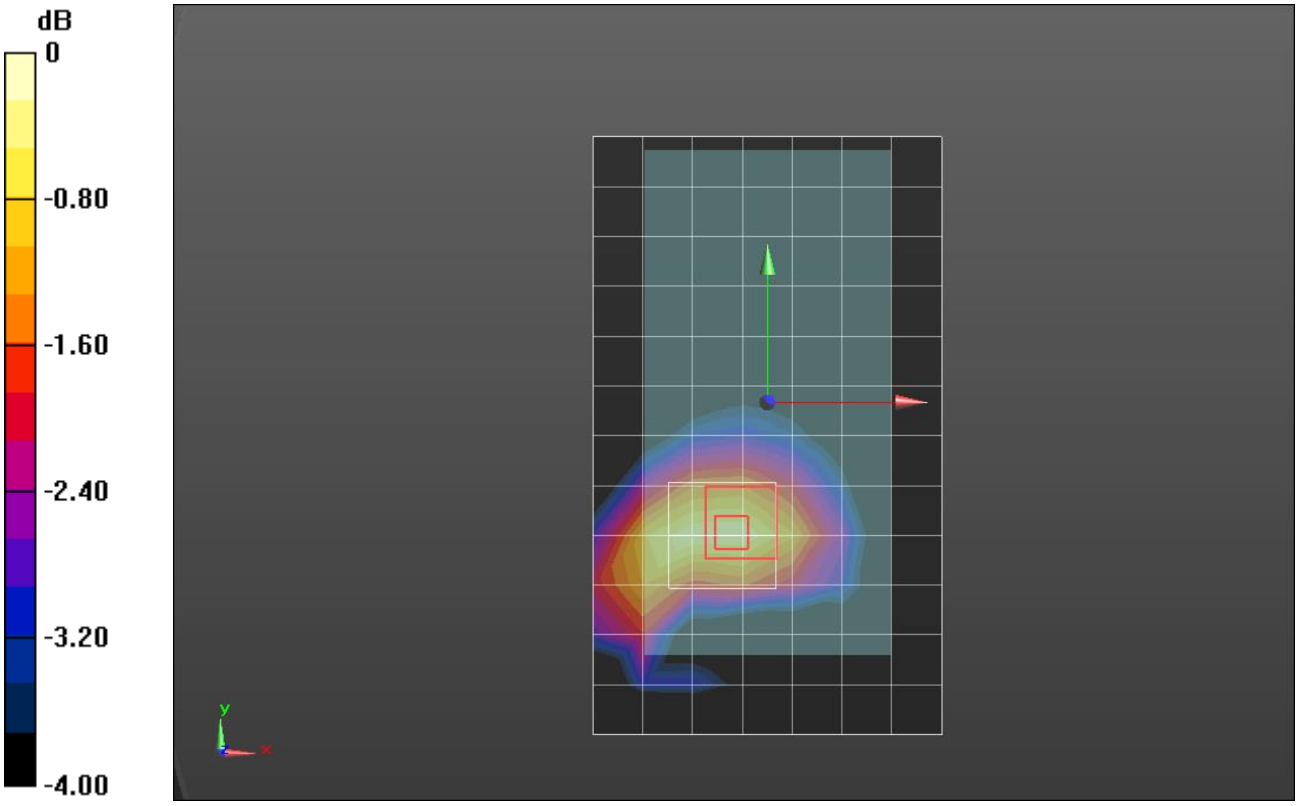
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; $\sigma$ = 0.957 S/m; $\varepsilon_r$ = 55.579; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.56, 10.56, 10.56); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,25 15mm Ch 23230/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.408 W/kg

## Front/QPSK RB 1,25 15mm Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.06 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.473 W/kg
**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.254 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.432 W/kg




0 dB = 0.432 W/kg = -3.65 dBW/kg

# LTE Band 13

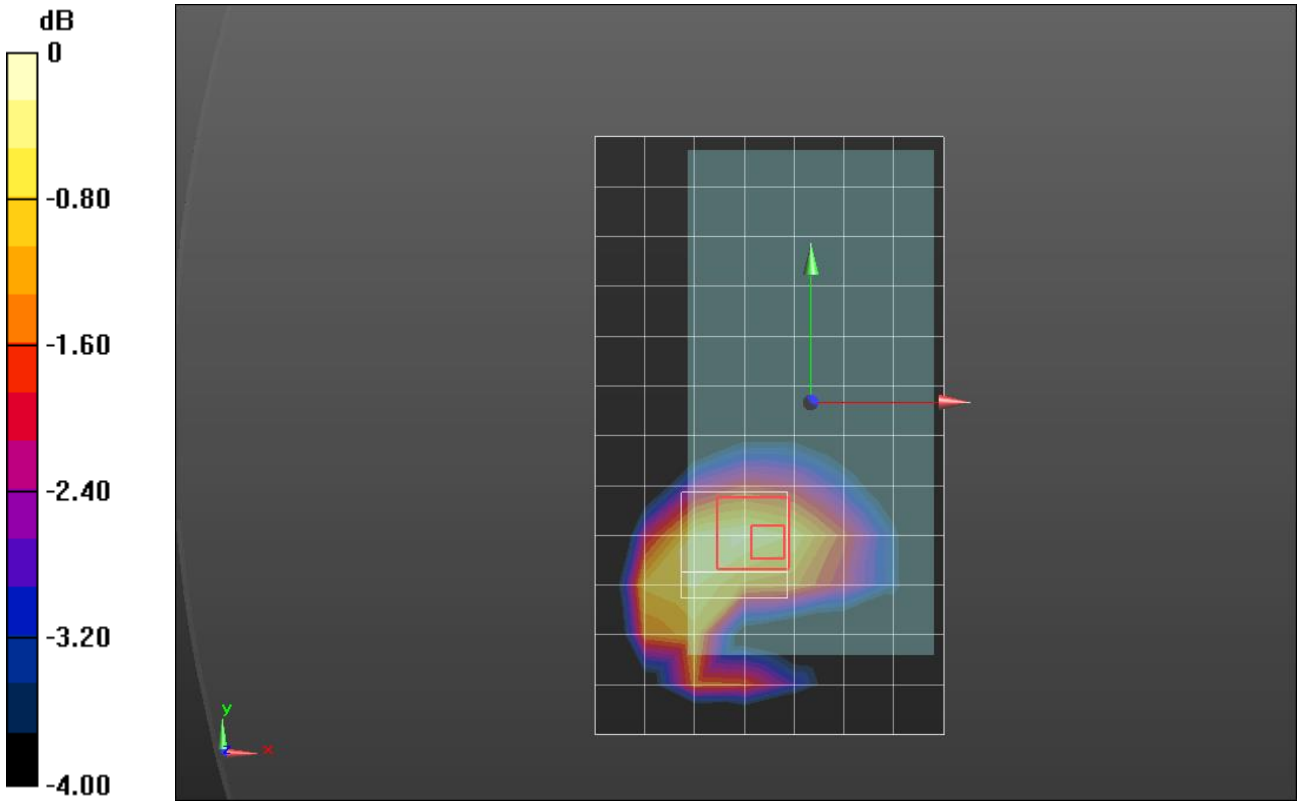
Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 782 MHz; $\sigma$ = 0.957 S/m; $\varepsilon_r$ = 55.579; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.56, 10.56, 10.56); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,25 10 mm Ch 23230/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.582 W/kg

## Front/QPSK RB 1,25 10 mm Ch 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.78 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.719 W/kg
**SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.340 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.609 W/kg




0 dB = 0.609 W/kg = -2.15 dBW/kg

# LTE Band 26

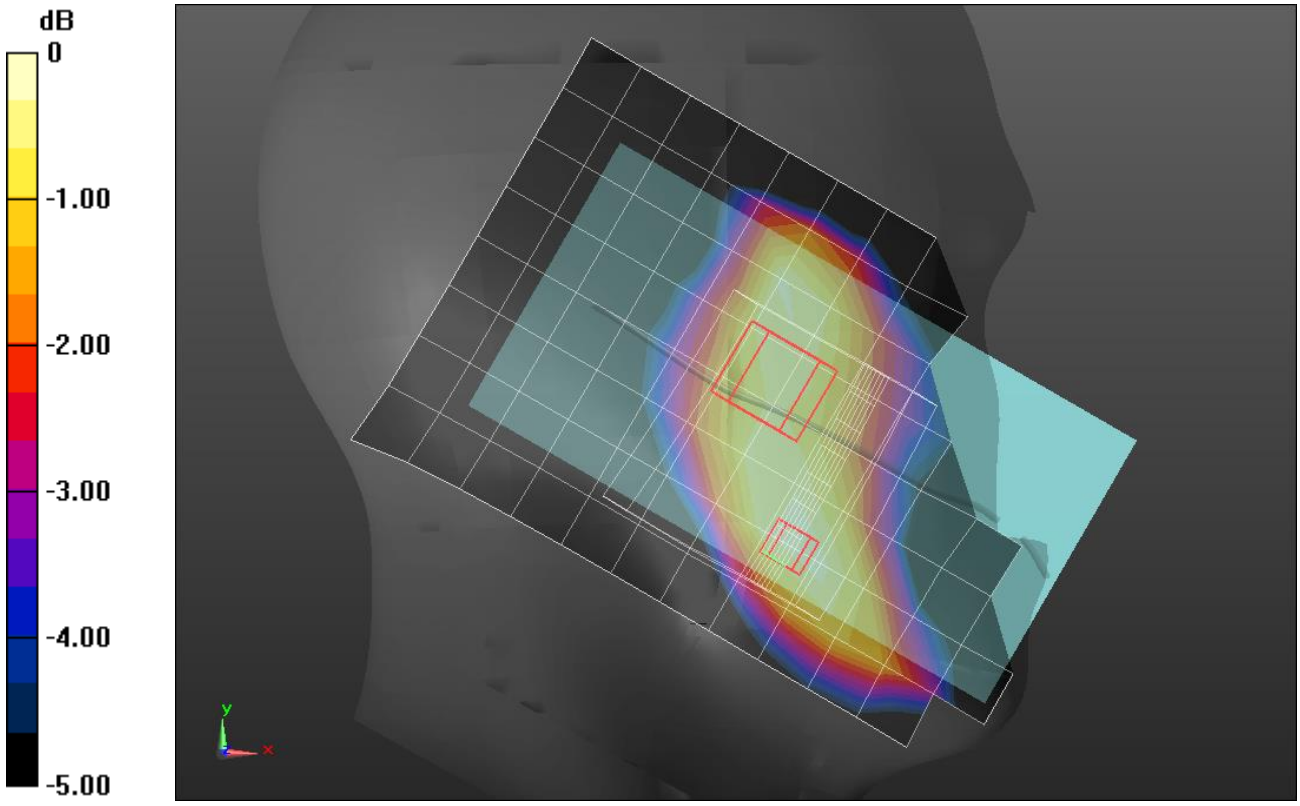
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 0.897 S/m; $\varepsilon_r$ = 41.868; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(9.95, 9.95, 9.95); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## LHS/Touch_QPSK RB 1,37 Ch 26865/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0756 W/kg

## LHS/Touch_QPSK RB 1,37 Ch 26865/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.869 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0850 W/kg
**SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.051 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0771 W/kg




0 dB = 0.0771 W/kg = -11.13 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; $\sigma$ = 1.003 S/m; $\varepsilon_r$ = 55.274; $\rho$ = 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 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,37 Ch 26865 15mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

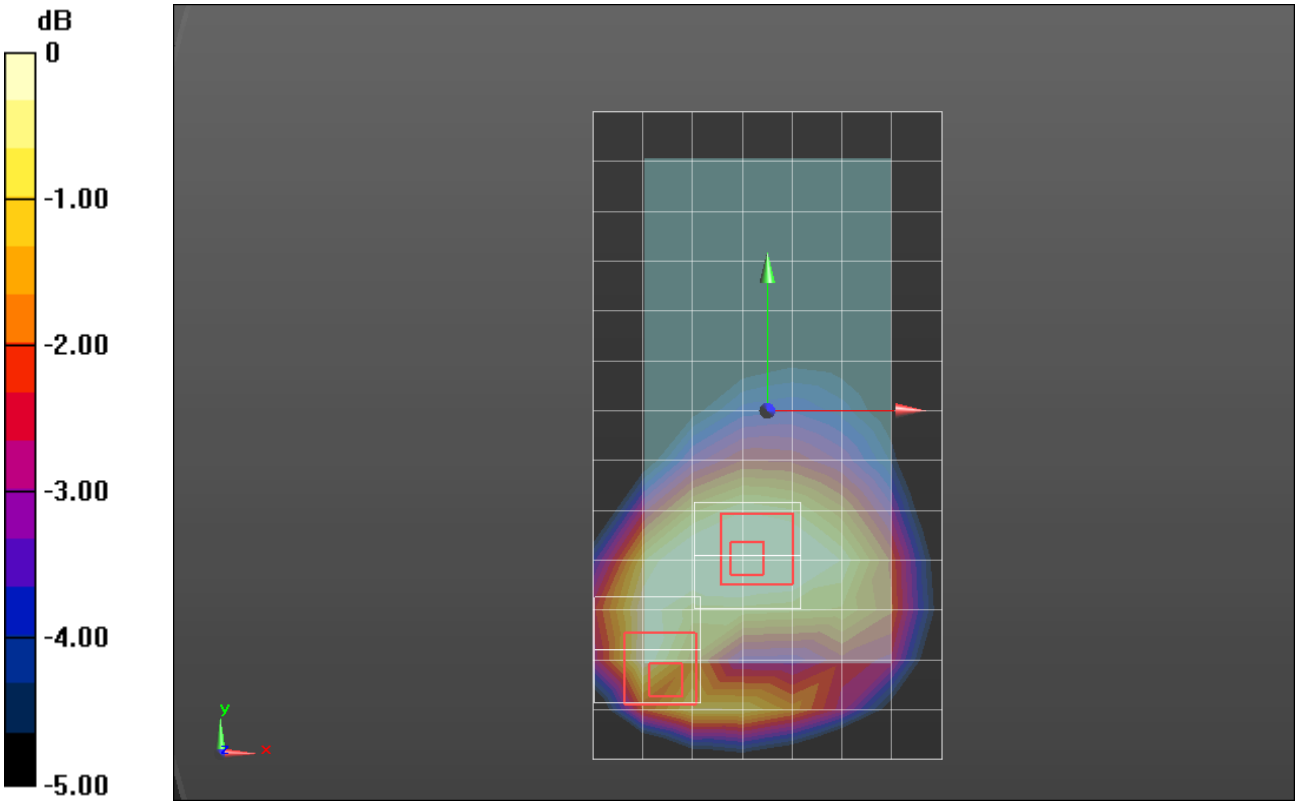
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.231 W/kg

## Front/QPSK RB 1,37 Ch 26865 15mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.78 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.256 W/kg
**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.134 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.228 W/kg

## Front/QPSK RB 1,37 Ch 26865 15mm/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.78 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.216 W/kg
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.090 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.185 W/kg




0 dB = 0.185 W/kg = -7.33 dBW/kg

# LTE Band 26

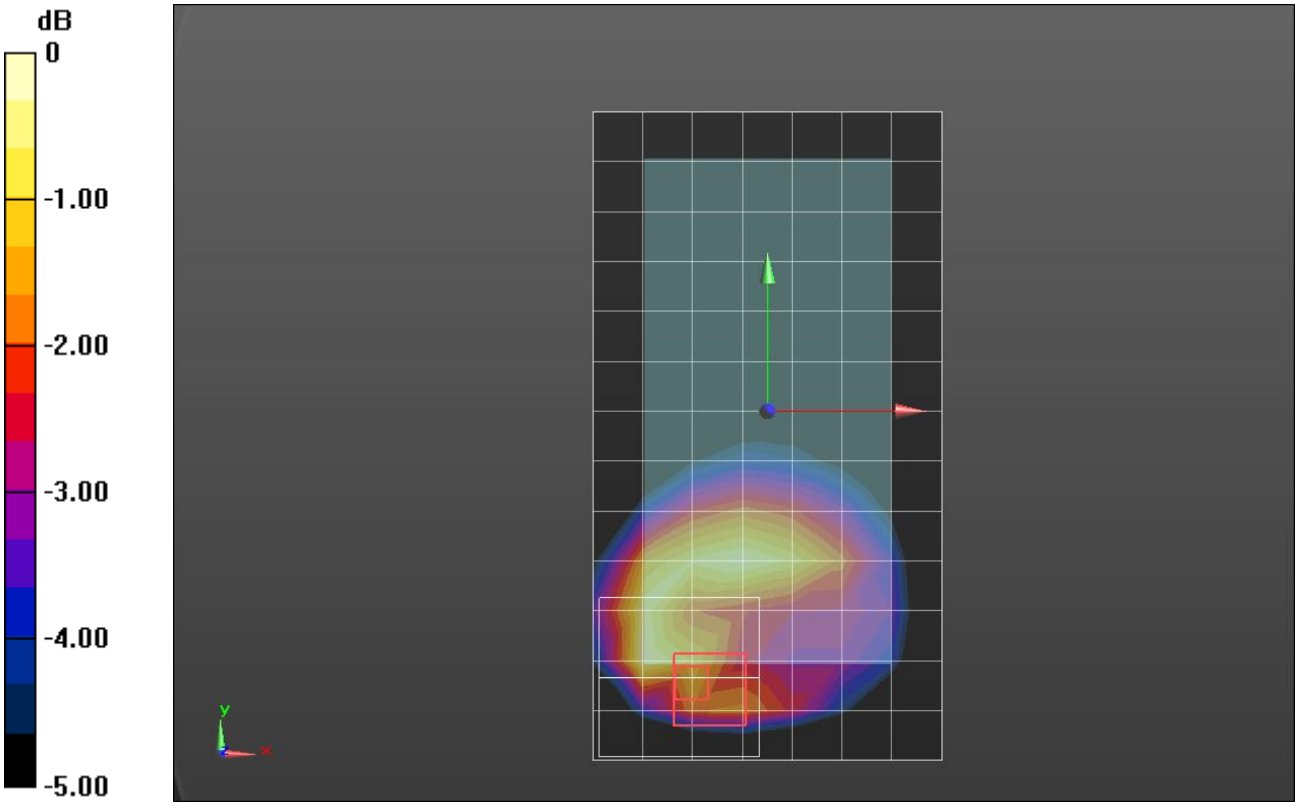
Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 1.003 S/m; $\varepsilon_r$ = 55.274; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(10.04, 10.04, 10.04); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,37 Ch 26865 10mm/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.350 W/kg

## Front/QPSK RB 1,37 Ch 26865 10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.66 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.422 W/kg
**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.163 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.367 W/kg




0 dB = 0.367 W/kg = -4.35 dBW/kg

# LTE Band 41

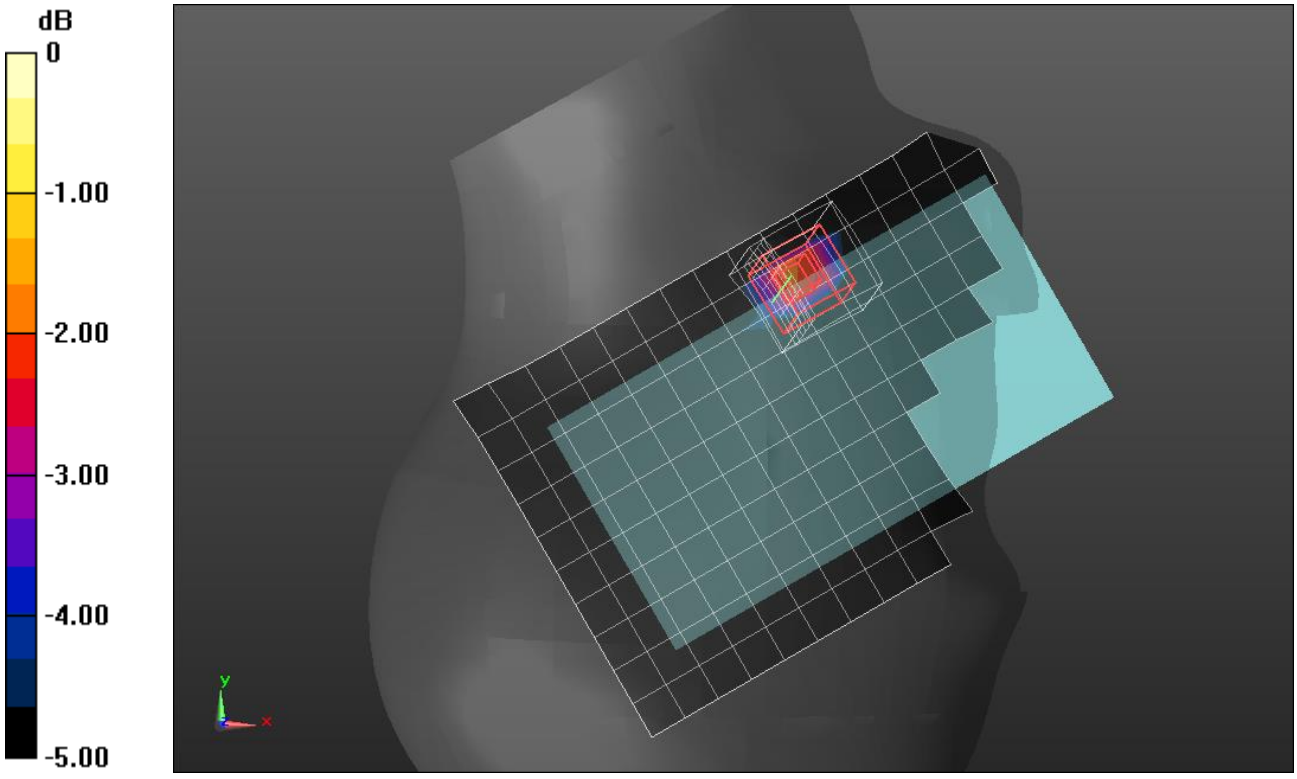
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; $\sigma$ = 2.141 S/m; $\varepsilon_r$ = 38.91; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.71, 6.71, 6.71); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## RHS/Touch_QPSK RB 1,0 Ch 40620/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

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

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

Reference Value = 6.719 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.185 W/kg
**SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.030 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.138 W/kg




0 dB = 0.138 W/kg = -8.60 dBW/kg

# LTE Band 41

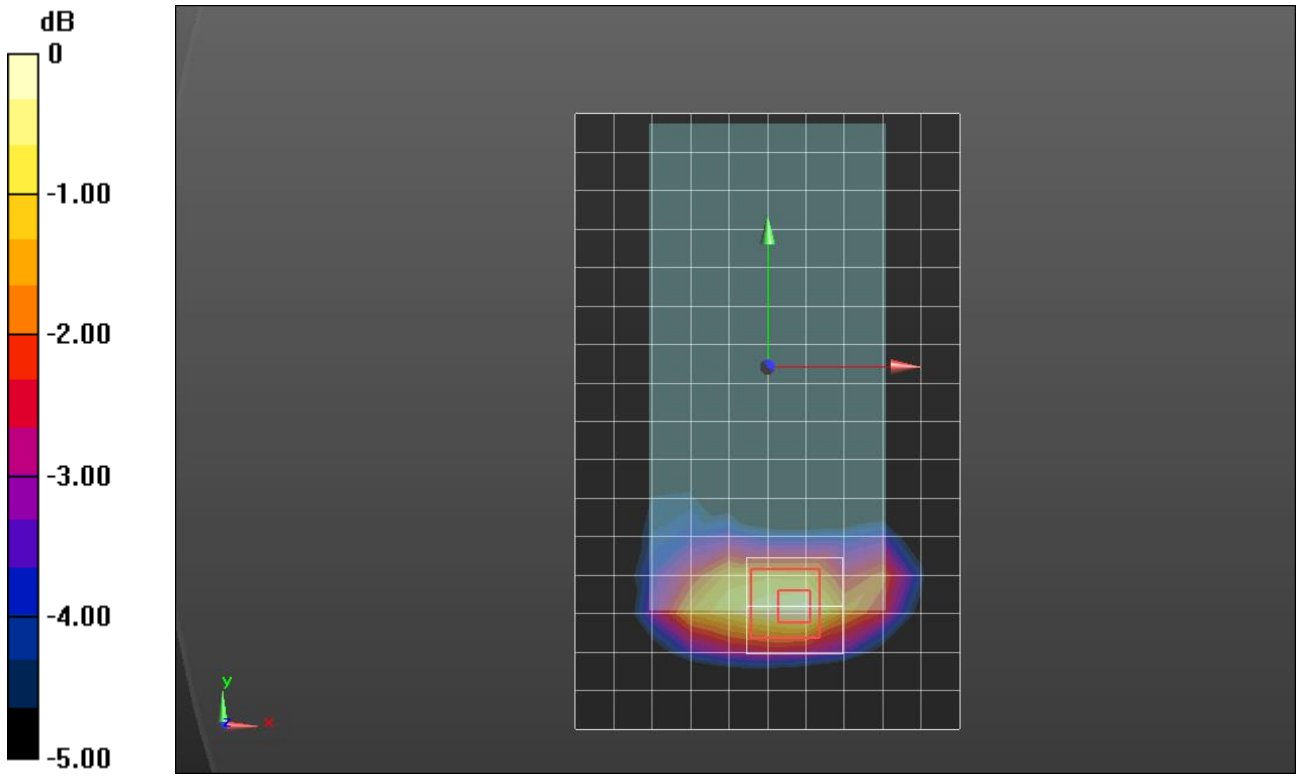
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; $\sigma$ = 2.317 S/m; $\varepsilon_r$ = 50.247; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.74, 6.74, 6.74); 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 1/2; Type: QD OVA 001 BB; Serial: 1120

## Front/QPSK RB 50,0_15mm Ch 40620/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.150 W/kg

## Front/QPSK RB 50,0_15mm Ch 40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.272 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.184 W/kg
**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.051 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.149 W/kg




0 dB = 0.149 W/kg = -8.27 dBW/kg

# LTE Band 41

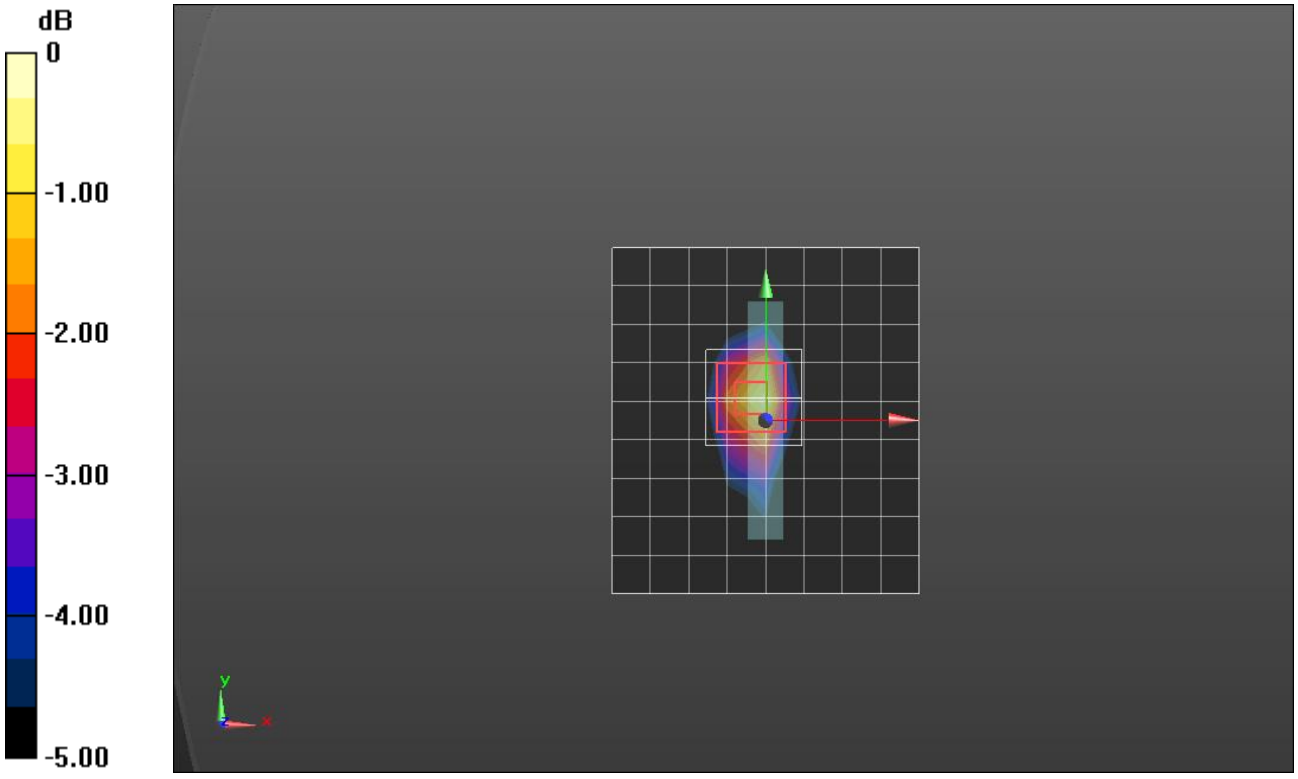
Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2593 MHz; $\sigma$ = 2.317 S/m; $\varepsilon_r$ = 50.247; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1380; Calibrated: 7/24/2017
- Probe: EX3DV4 - SN3772; ConvF(6.74, 6.74, 6.74); 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 1/2; Type: QD OVA 001 BB; Serial: 1120

## Edge 3/QPSK RB 50,0 Ch 40620/Area Scan (9x10x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.576 W/kg

## Edge 3/QPSK RB 50,0 Ch 40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.583 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.795 W/kg
**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.191 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.632 W/kg




0 dB = 0.632 W/kg = -1.99 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 (interpolated): f = 1745 MHz; $\sigma$ = 1.43 S/m; $\varepsilon_r$ = 41.906; $\rho$ = 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 - SN3871; ConvF(8.92, 8.92, 8.92); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1602

## RHS/Touch_QPSK RB 50,0 Ch 132322/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm

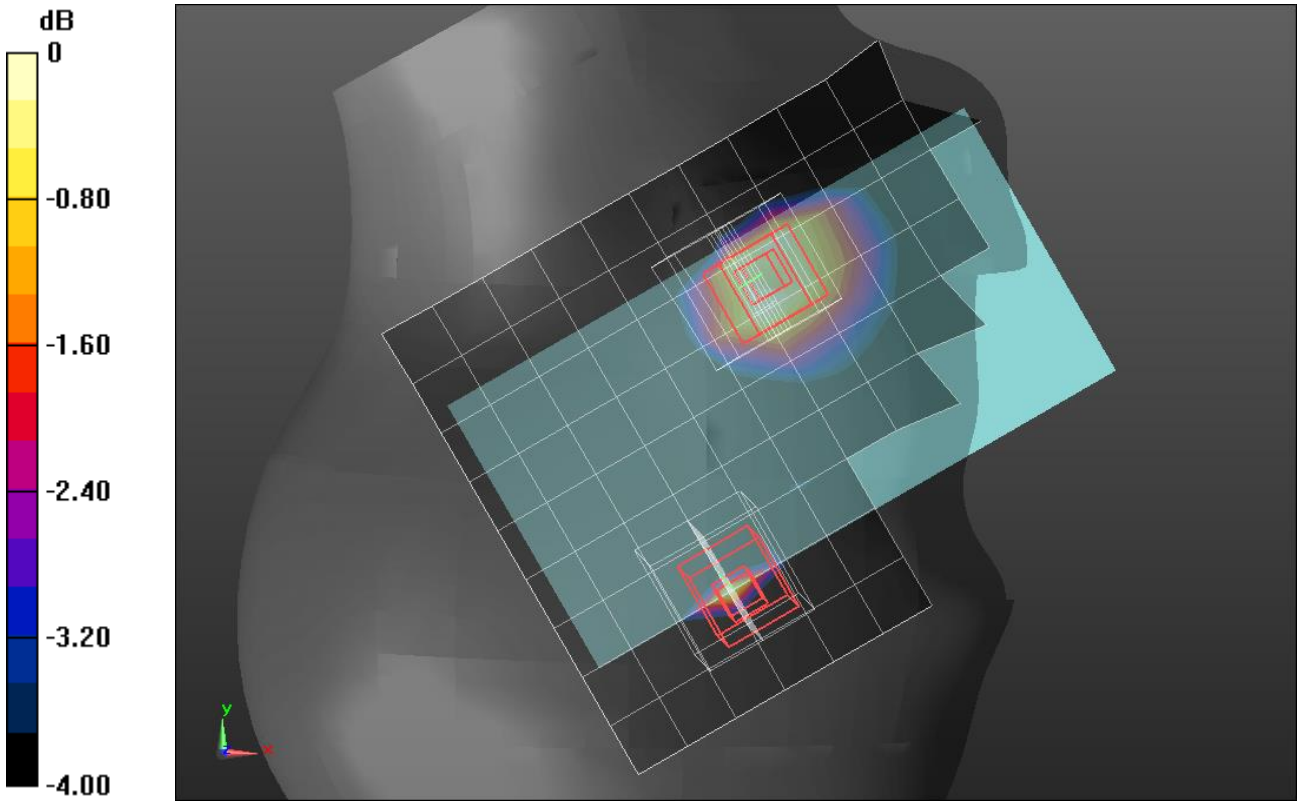
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.160 W/kg

## RHS/Touch_QPSK RB 50,0 Ch 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.910 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.196 W/kg
**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.094 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.179 W/kg

## RHS/Touch_QPSK RB 50,0 Ch 132322/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.910 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.201 W/kg
**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.039 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.155 W/kg




0 dB = 0.155 W/kg = -8.10 dBW/kg

# LTE Band 66

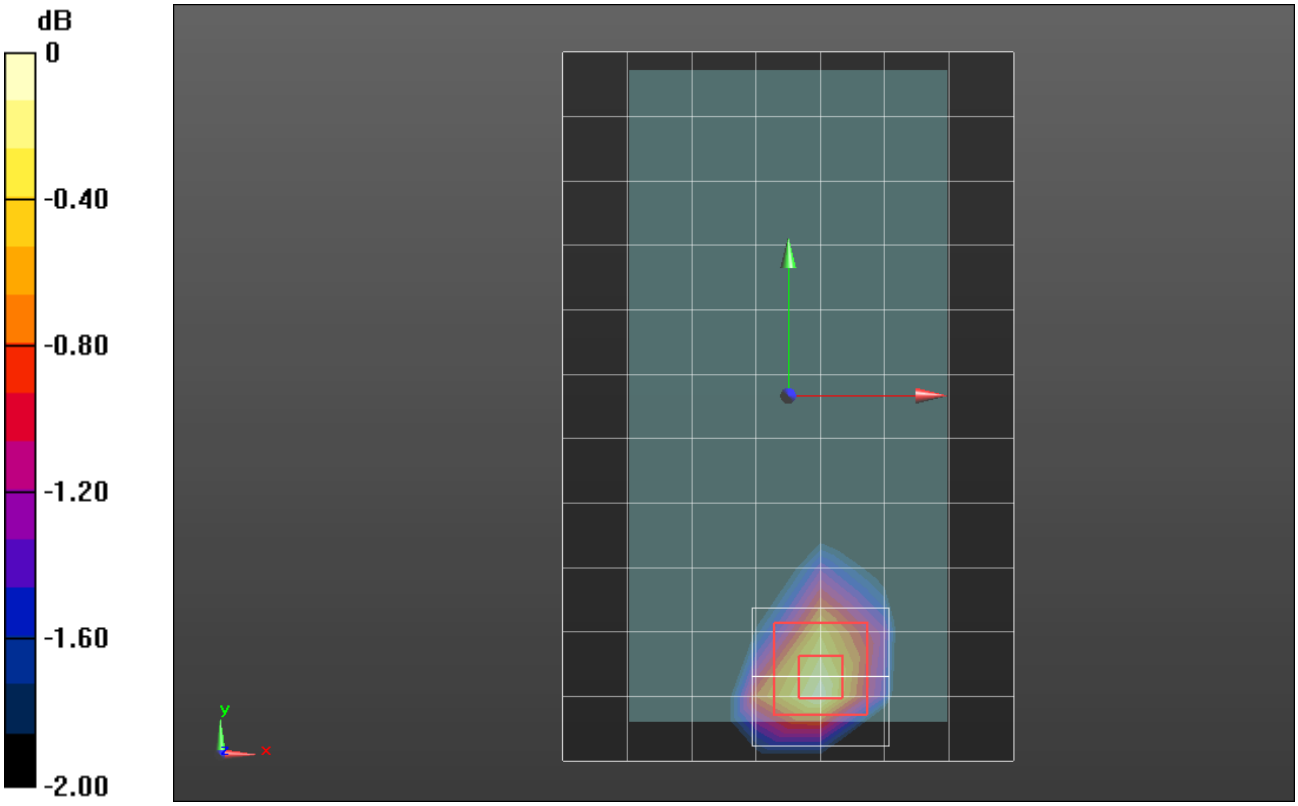
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; $\sigma$ = 1.556 S/m; $\varepsilon_r$ = 53.503; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(8.53, 8.53, 8.53); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Front/QPSK RB 1,0_Ch 132322_15mm/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.258 W/kg

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

Reference Value = 12.31 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.293 W/kg
**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.132 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.260 W/kg




0 dB = 0.260 W/kg = -5.85 dBW/kg

# LTE Band 66

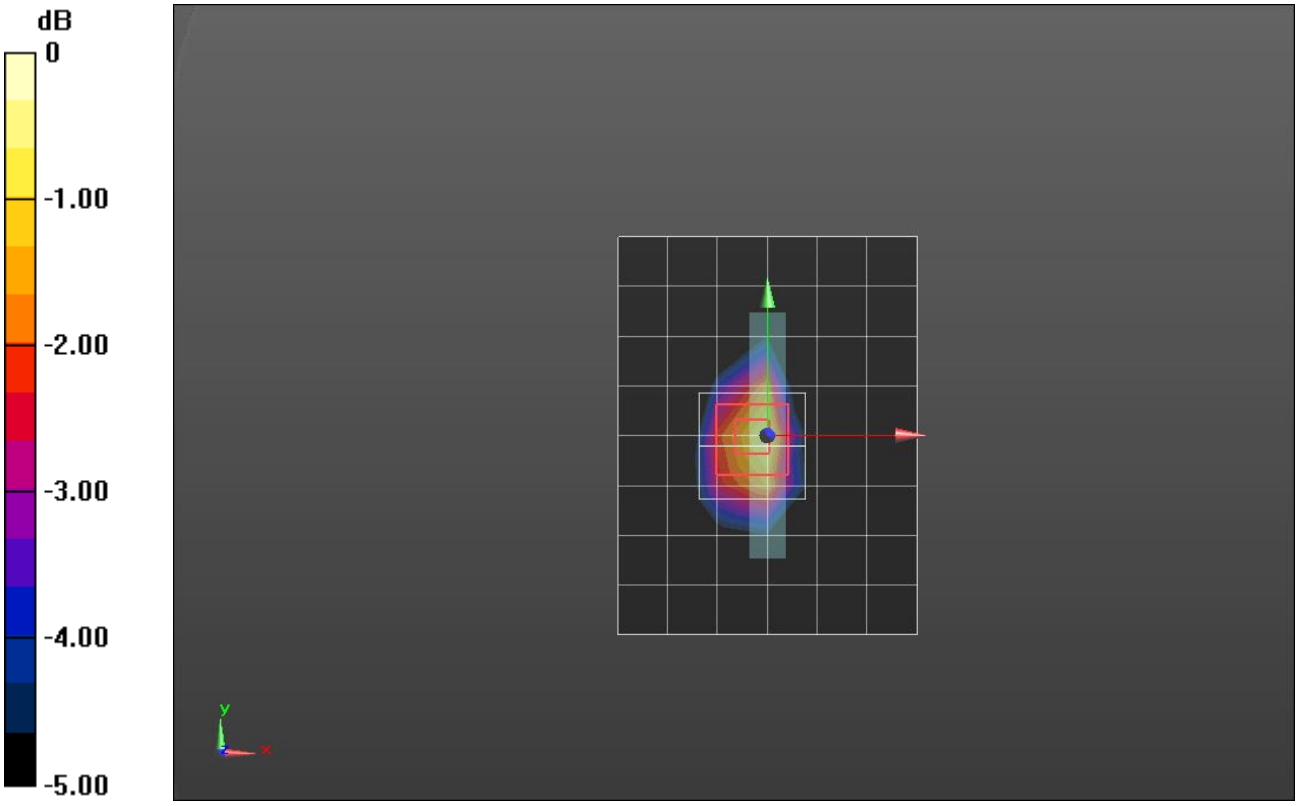
Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1745 MHz; $\sigma$ = 1.556 S/m; $\varepsilon_r$ = 53.503; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(8.53, 8.53, 8.53); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Edge 3/QPSK RB 1,0_Ch 132322/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.499 W/kg

## Edge 3/QPSK RB 1,0_Ch 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.02 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.630 W/kg
**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.226 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.545 W/kg




0 dB = 0.545 W/kg = -2.64 dBW/kg

## Wi-Fi 2.4GHz

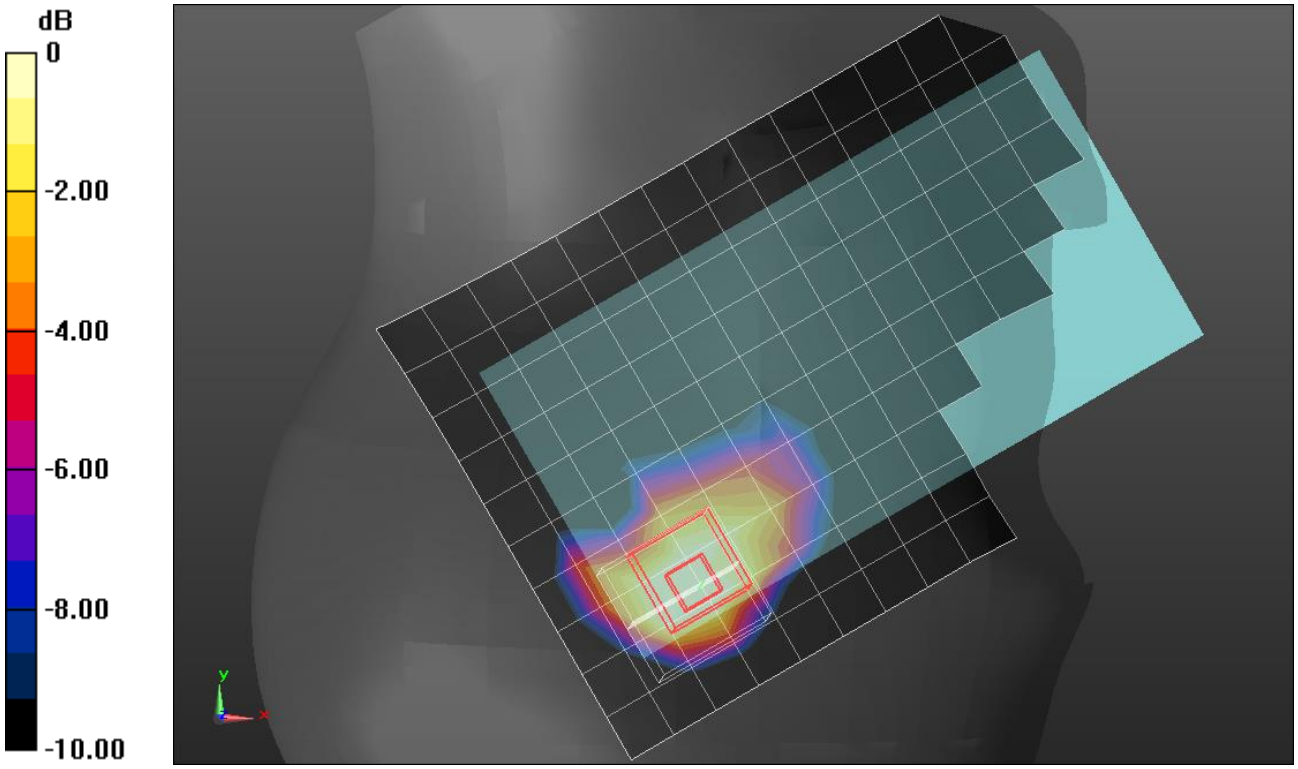
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.798 S/m; $\varepsilon_r$ = 39.098; $\rho$ = 1000 kg/$m^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.26, 7.26, 7.26); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

### RHS/Touch_802.11b_ch 6_Chain 0/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.419 W/kg

### RHS/Touch_802.11b_ch 6_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.415 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.553 W/kg
**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.135 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.363 W/kg




0 dB = 0.363 W/kg = -4.40 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; $\sigma$ = 2.008 S/m; $\varepsilon_r$ = 50.494; $\rho$ = 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: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/802.11b_ch 6_15mm_Chain 0/Area Scan (12x17x1): Measurement grid: dx=12mm, dy=12mm

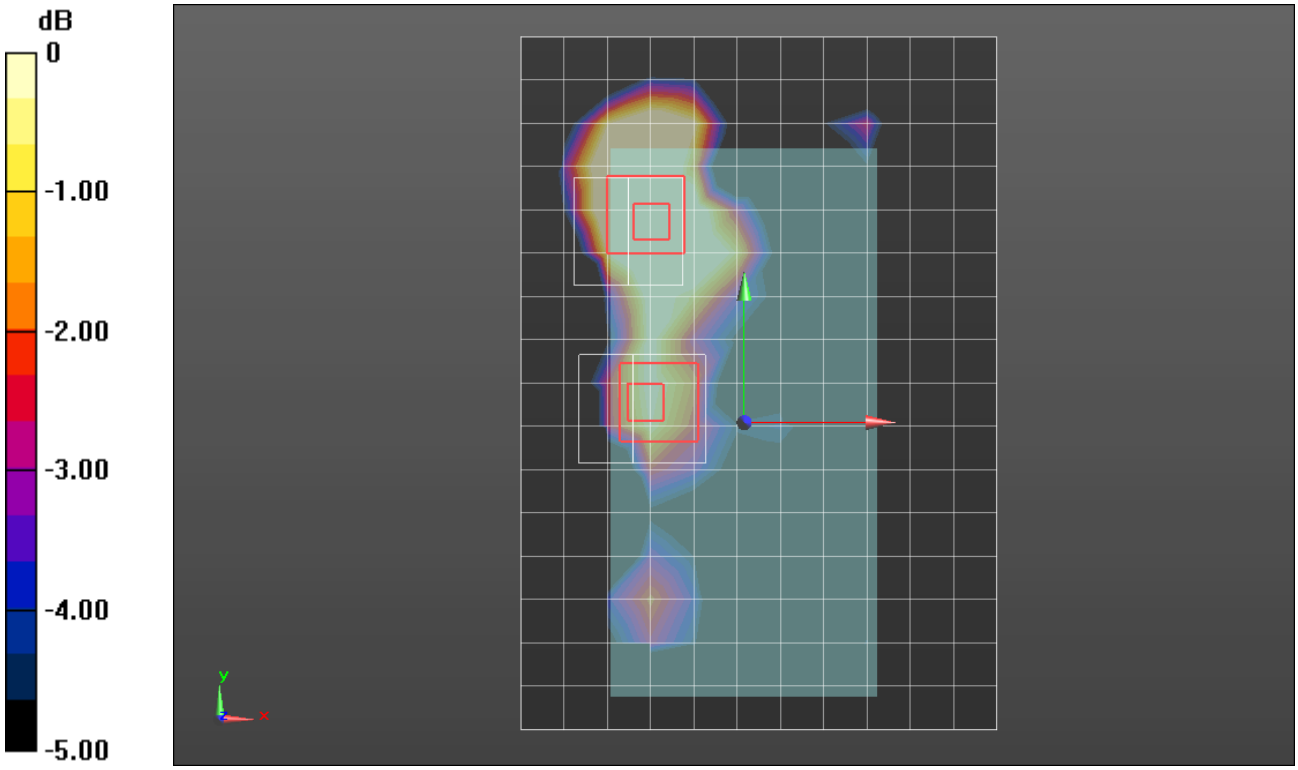
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0294 W/kg

### Front/802.11b_ch 6_15mm_Chain 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.22 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0400 W/kg
**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.011 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0318 W/kg

### Front/802.11b_ch 6_15mm_Chain 0/Zoom Scan 2 (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.22 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.0210 W/kg
**SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00607 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0163 W/kg




0 dB = 0.0163 W/kg = -17.88 dBW/kg

## Wi-Fi 2.4GHz

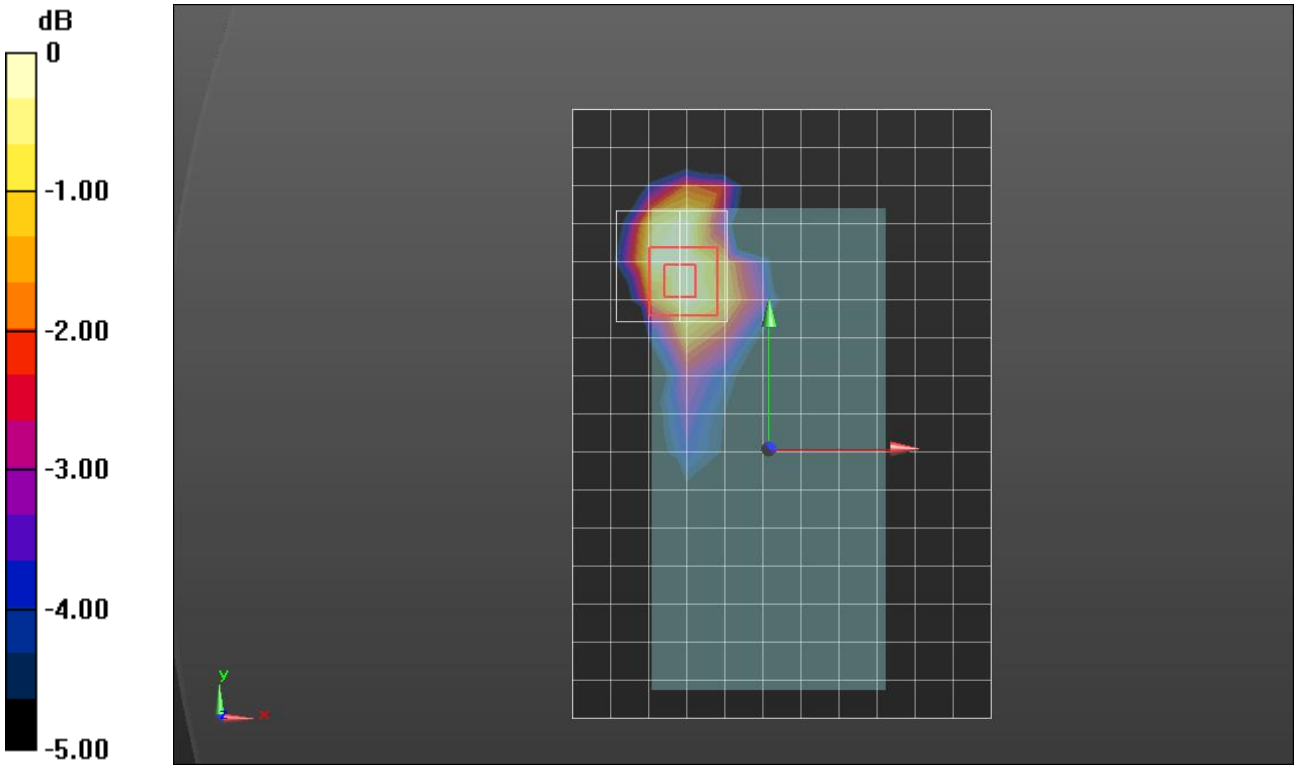
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 2.008 S/m; $\varepsilon_r$ = 50.494; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/802.11b_ch 6_10mm_Chain 0/Area Scan (12x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0600 W/kg

### Front/802.11b_ch 6_10mm_Chain 0/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.344V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0850 W/kg
**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.023 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0593 W/kg




0 dB = 0.0593 W/kg = -12.27 dBW/kg

## Wi-Fi 2.4GHz

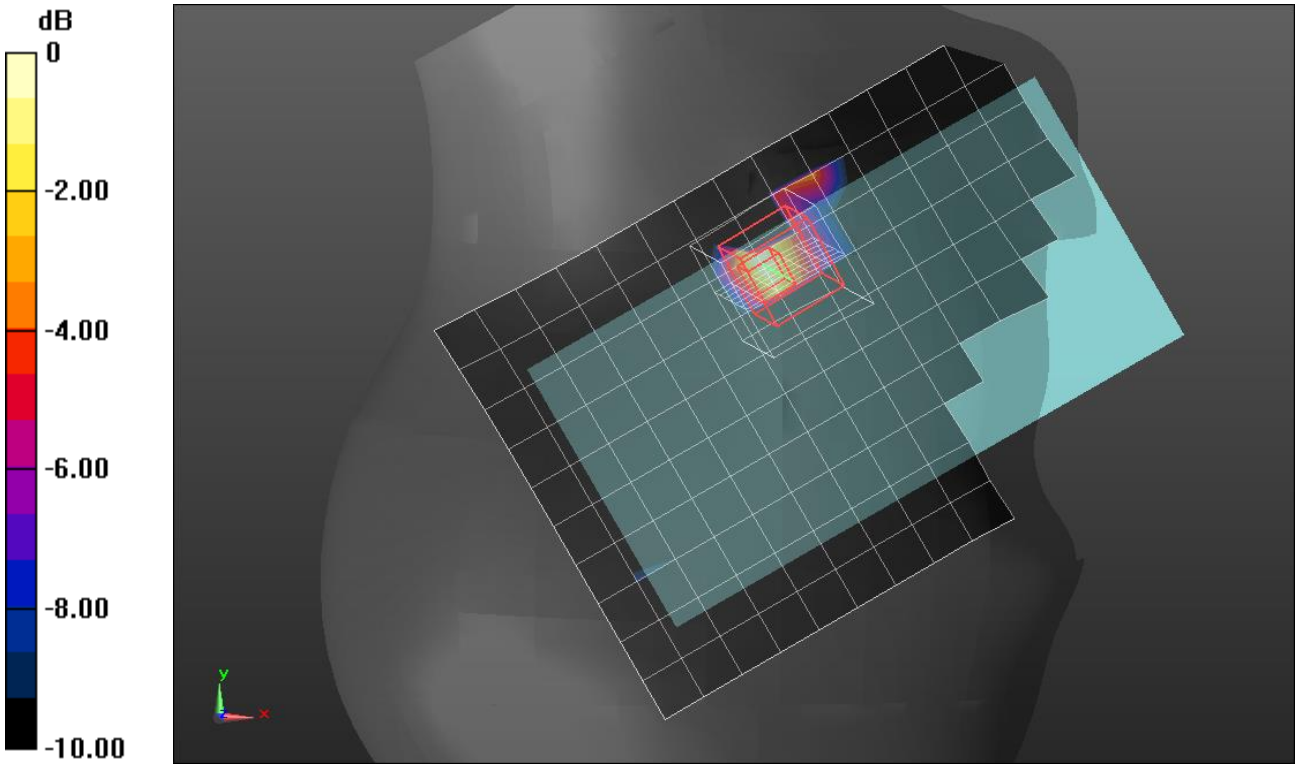
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.798 S/m; $\varepsilon_r$ = 39.098; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.26, 7.26, 7.26); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

### RHS/Touch_802.11b_ch 6_Chain 1/Area Scan 2 (11x16x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0272 W/kg

### RHS/Touch_802.11b_ch 6_Chain 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.419 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0540 W/kg
**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00351 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0238 W/kg



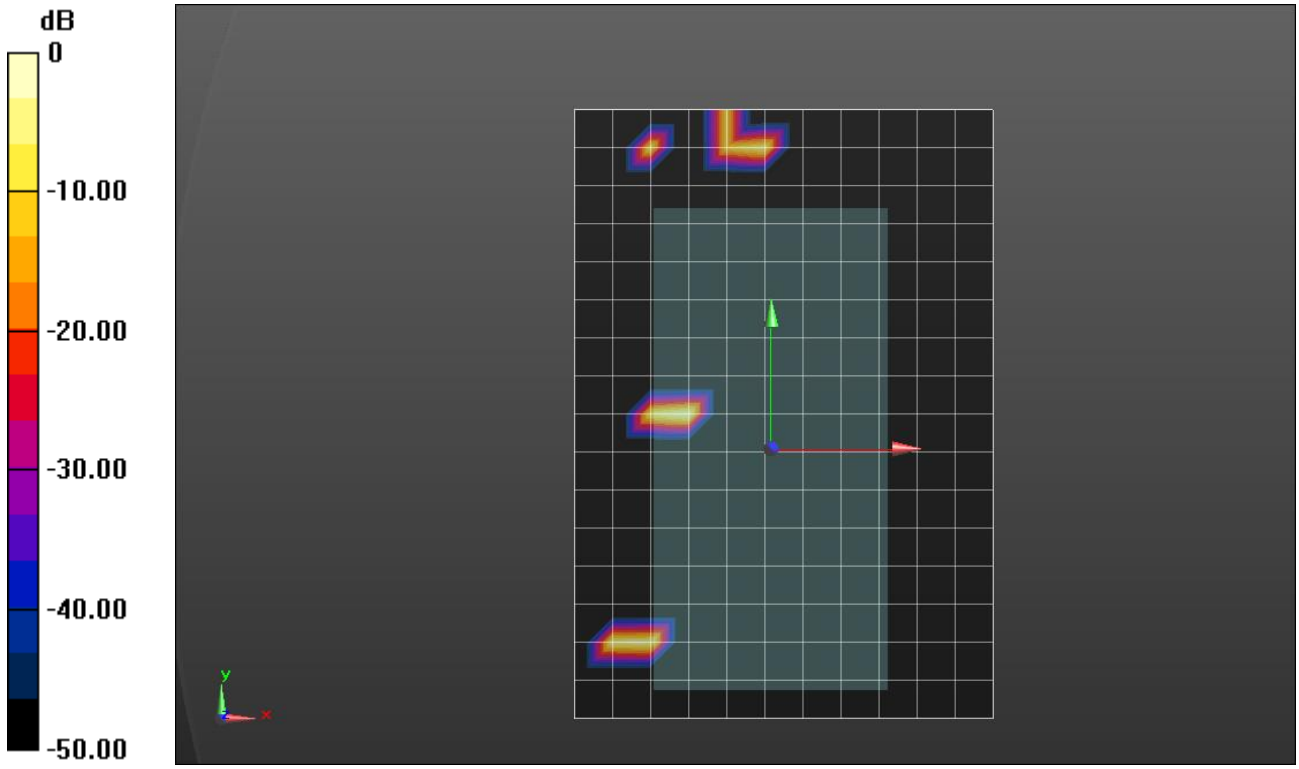

0 dB = 0.0238 W/kg = -16.23 dBW/kg

## 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; $\sigma$ = 2.008 S/m; $\varepsilon_r$ = 50.494; $\rho$ = 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: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/802.11b_ch 6_15mm_Chain 1/Area Scan (12x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00129 W/kg



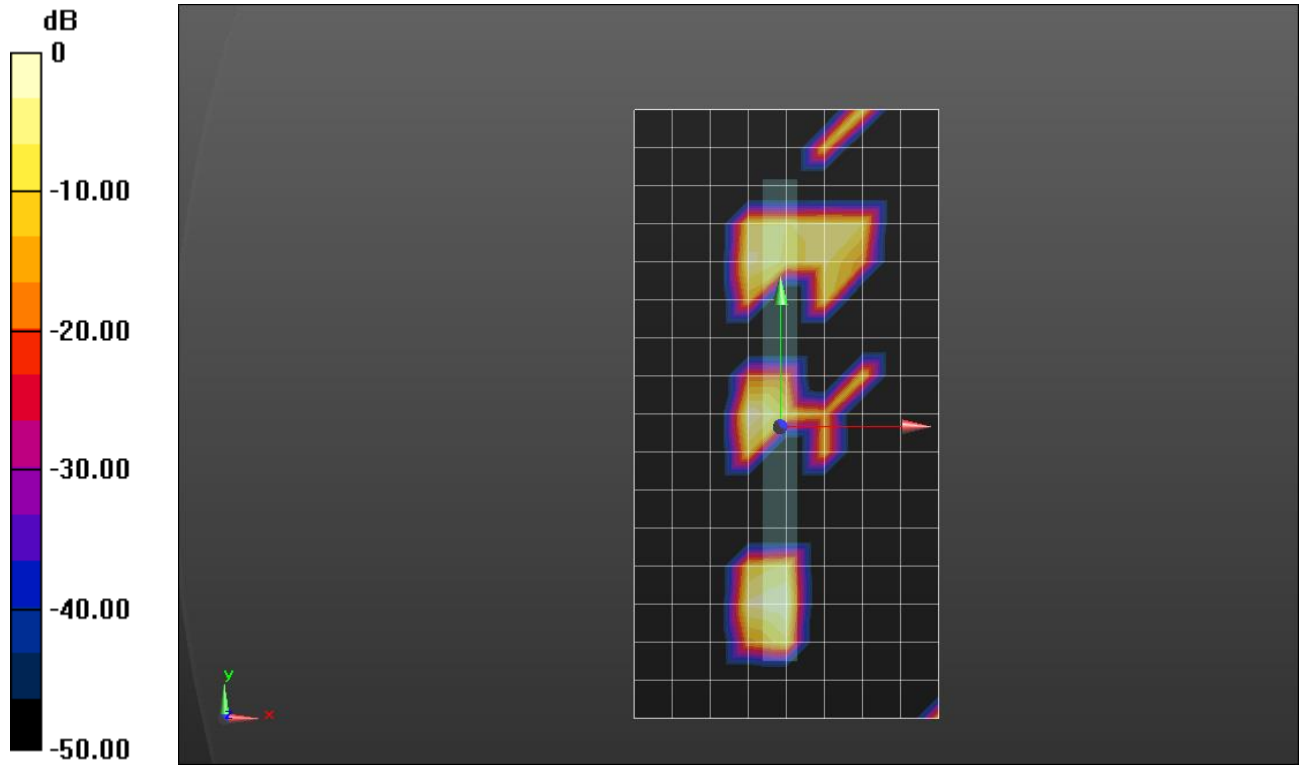

0 dB = 0.00129 W/kg = -28.89 dBW/kg

## 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; $\sigma$ = 2.008 S/m; $\varepsilon_r$ = 50.494; $\rho$ = 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: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

## Edge 2/802.11b_ch 6_10mm_Chain 1/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00330 W/kg




0 dB = 0.00330 W/kg = -24.81 dBW/kg

## Wi-Fi 5GHz

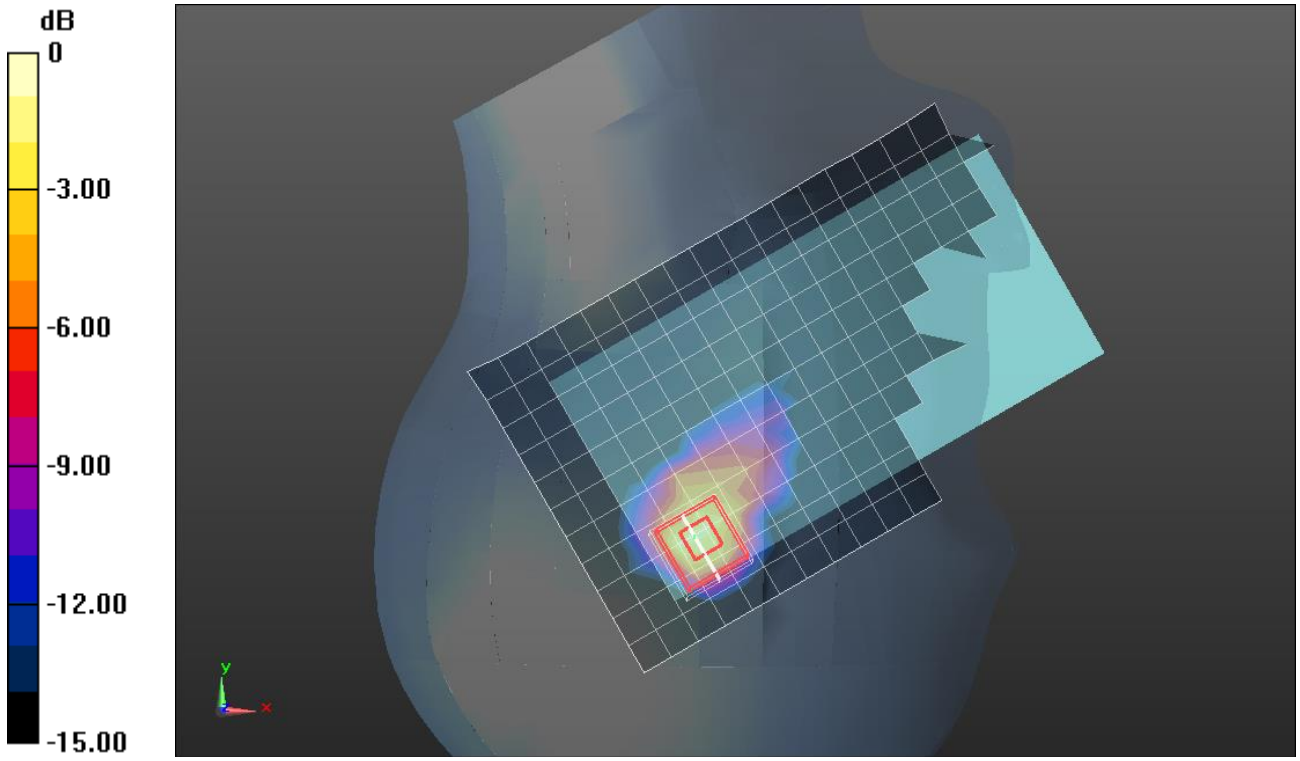
Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5300 MHz; $\sigma$ = 4.719 S/m; $\varepsilon_r$ = 34.562; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.55, 5.55, 5.55); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

### RHS/Touch_802.11a_Ch 60_Chain 0/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.154 W/kg

### RHS/Touch_802.11a_Ch 60_Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.284 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.389 W/kg
**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.025 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.219 W/kg




0 dB = 0.219 W/kg = -6.60 dBW/kg

## Wi-Fi 5GHz

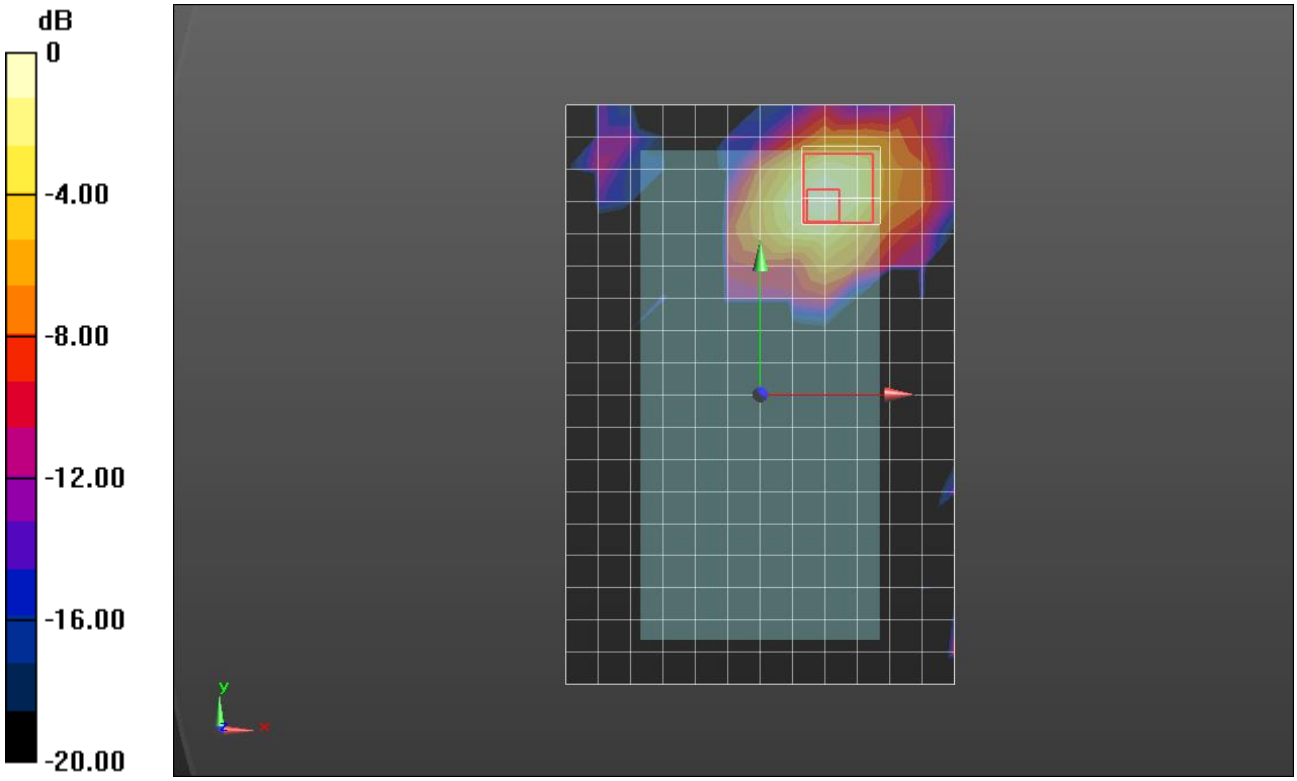
Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5300 MHz; $\sigma$ = 5.5 S/m; $\varepsilon_r$ = 47.691; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.05, 5.05, 5.05); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

### Rear/802.11a_Ch 60_Chain 0_15mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0564 W/kg

### Rear/802.11a_Ch 60_Chain 0_15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.864 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.263 W/kg
**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.007 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0593 W/kg



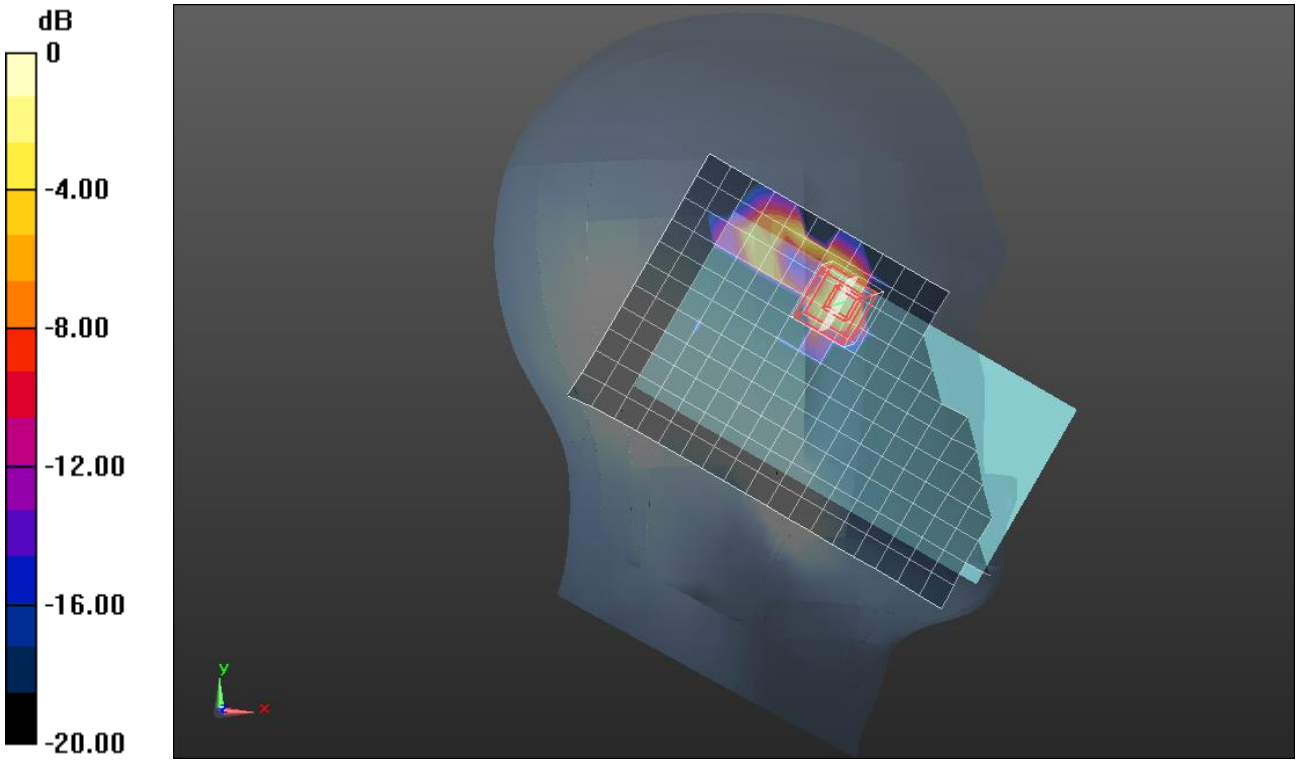

0 dB = 0.0593 W/kg = -12.27 dBW/kg

## 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; $\sigma$ = 4.694 S/m; $\varepsilon_r$ = 34.507; $\rho$ = 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 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.55, 5.55, 5.55); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

**LHS/Touch_802.11n_HT40_Ch 54 Chain 1/Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0584 W/kg

**LHS/Touch_802.11n_HT40_Ch 54 Chain 1/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.693 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.126 W/kg
**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00755 W/kg**
Maximum value of SAR (measured) = 0.0920 W/kg

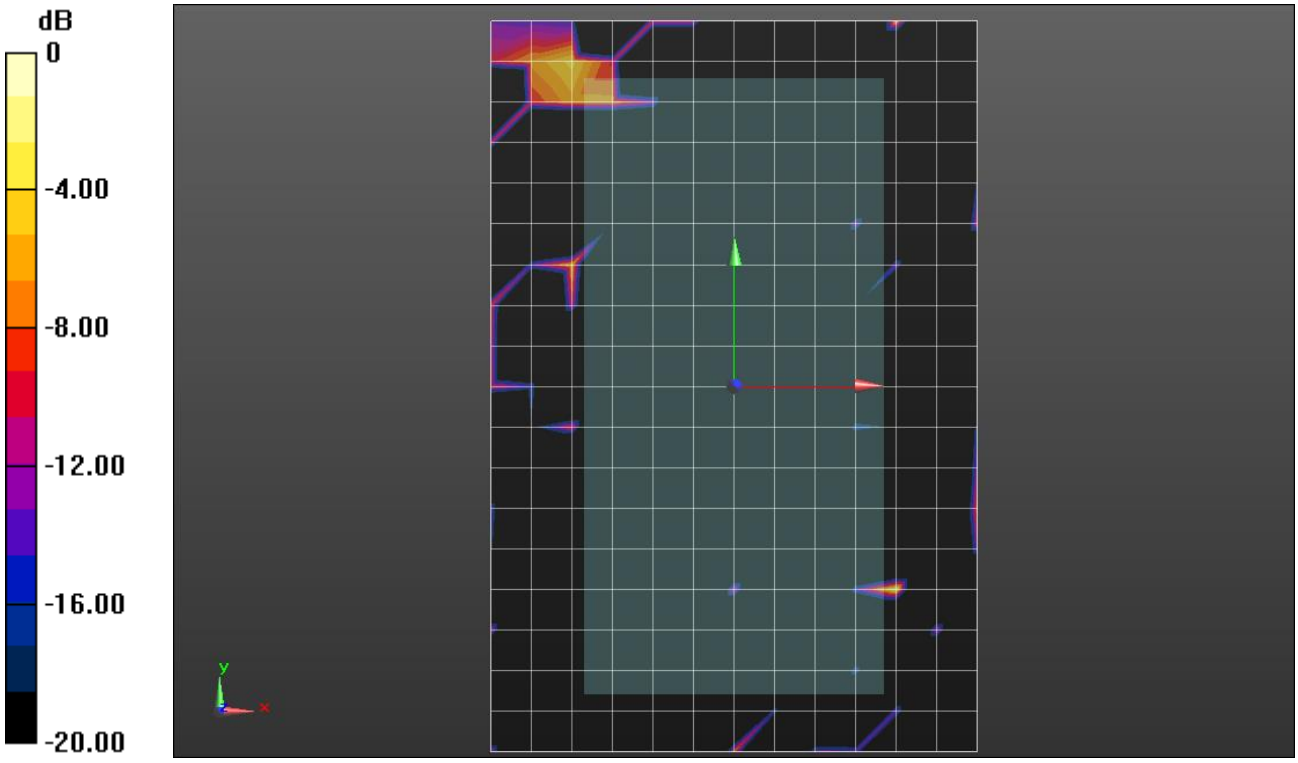



0 dB = 0.0920 W/kg = -10.36 dBW/kg

## 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; $\sigma$ = 5.438 S/m; $\varepsilon_r$ = 47.718; $\rho$ = 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 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.05, 5.05, 5.05); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

**Rear/802.11n_HT40_Ch 54 Chain 1/15mm/Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0102 W/kg




0 dB = 0.0102 W/kg = -19.91 dBW/kg

## Wi-Fi 5GHz

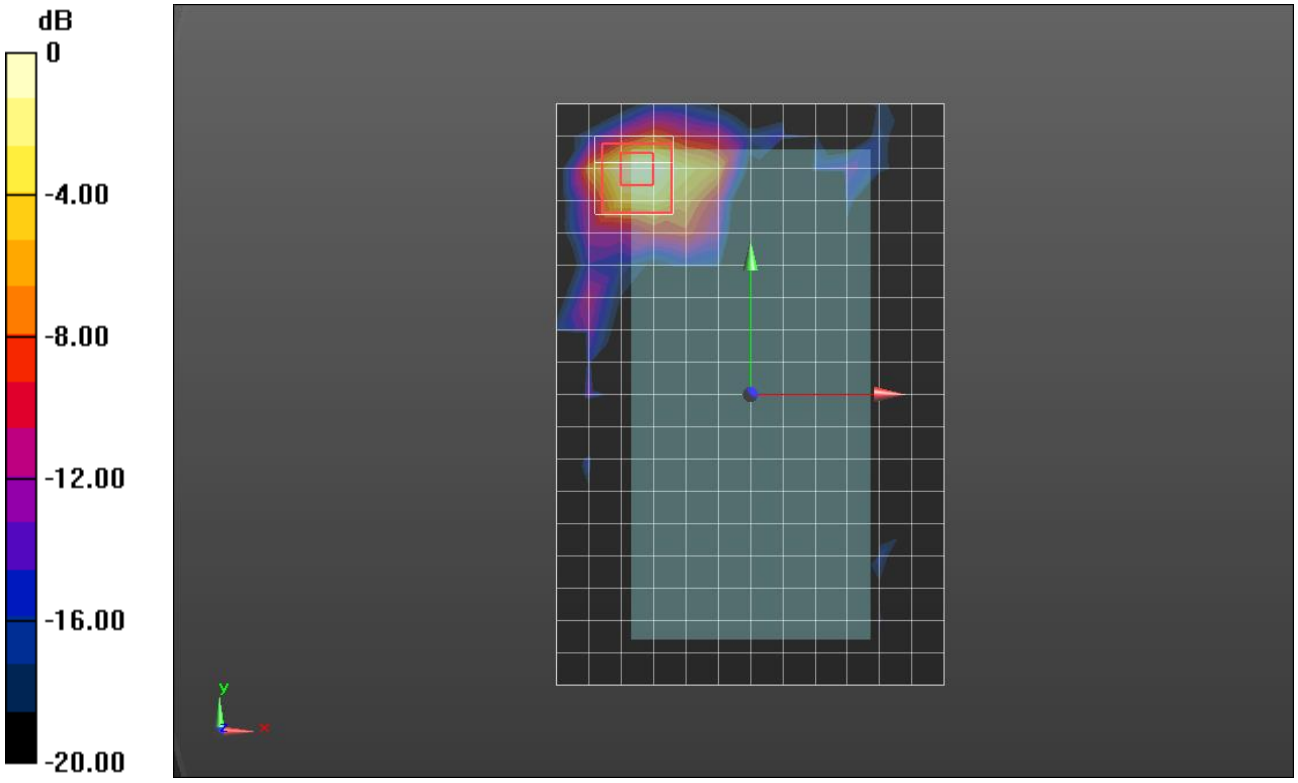
Frequency: 5300 MHz; Duty Cycle: 1:6.85488; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5300 MHz; $\sigma$ = 5.5 S/m; $\varepsilon_r$ = 47.691; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.05, 5.05, 5.05); Calibrated: 12/12/2017;
- 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 002 AA; Serial: 1247

### Front/802.11a_Ch 60_Chain 0_0mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.458 W/kg

### Front/802.11a_Ch 60_Chain 0_0mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.612 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.899 W/kg
**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.053 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.471 W/kg




0 dB = 0.471 W/kg = -3.27 dBW/kg

## Wi-Fi 5GHz

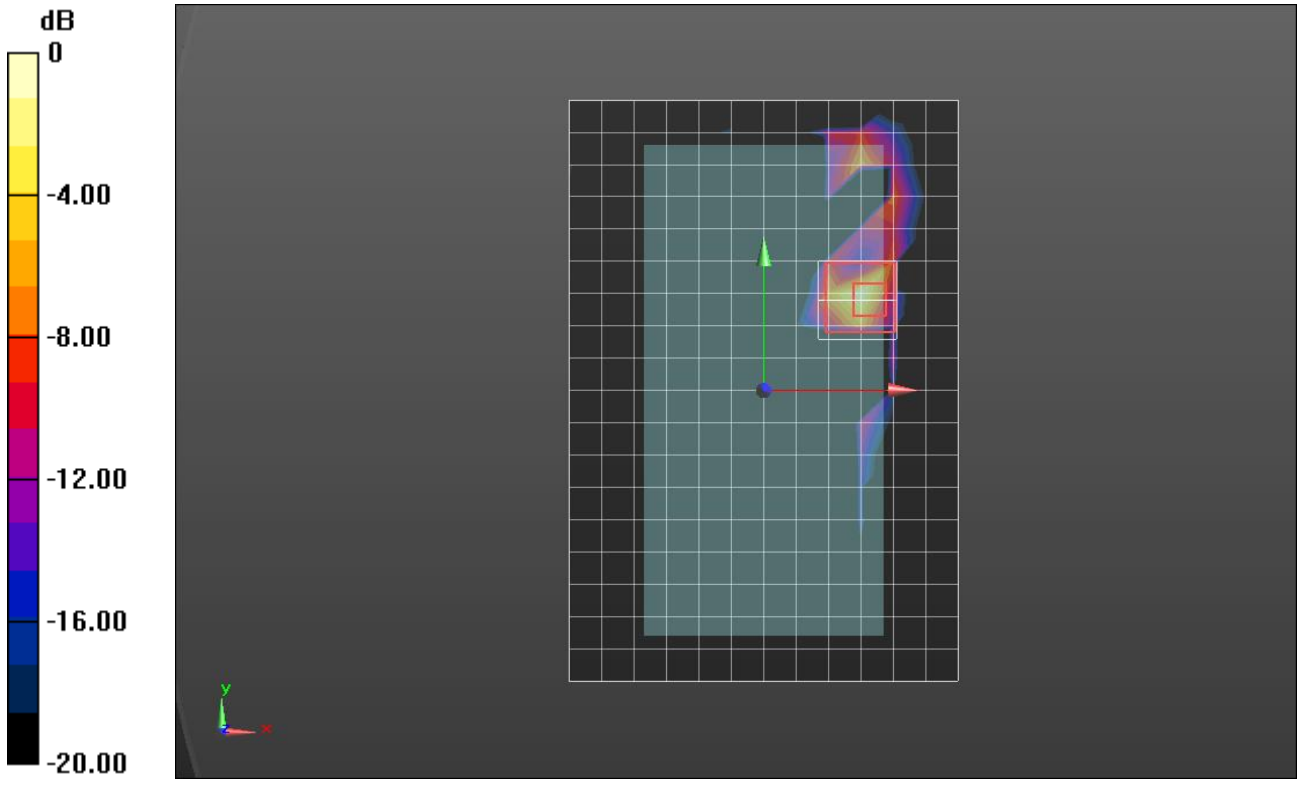
Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5270 MHz; $\sigma$ = 5.438 S/m; $\varepsilon_r$ = 47.718; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.05, 5.05, 5.05); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

### Front/802.11n_HT40_Ch 54 Chain 1/0mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.299 W/kg

### Front/802.11n_HT40_Ch 54 Chain 1/0mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.970 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.492 W/kg
**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.019 W/kg**
Maximum value of SAR (measured) = 0.315 W/kg




0 dB = 0.315 W/kg = -5.02 dBW/kg

## Wi-Fi 5.6GHz

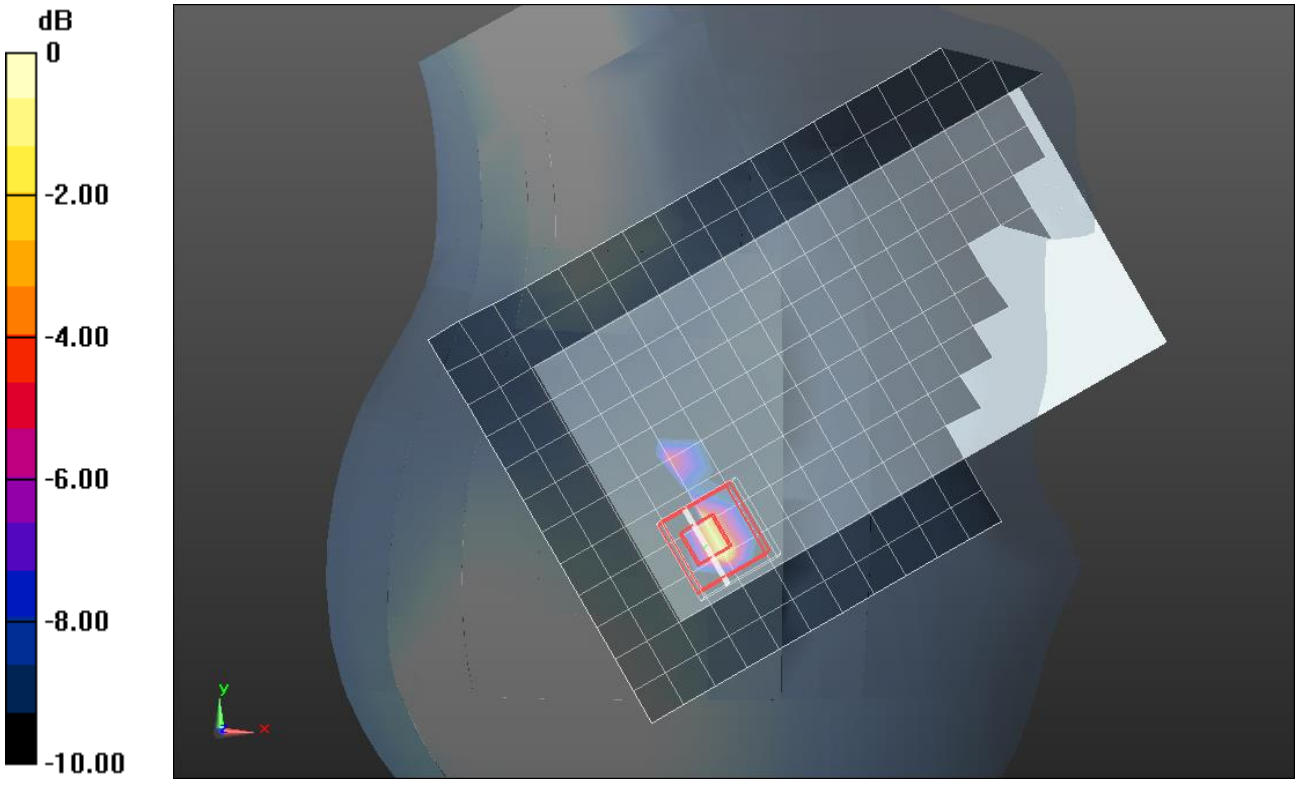
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 4.979 S/m; $\varepsilon_r$ = 35.479; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.19, 5.19, 5.19); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

### RHS/Tilt_802.11n HT40_Ch 142_Chain 0/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.189 W/kg

### RHS/Tilt_802.11n HT40_Ch 142_Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.033 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.377 W/kg
**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.015 W/kg**
Maximum value of SAR (measured) = 0.236 W/kg




0 dB = 0.236 W/kg = -6.27 dBW/kg

## Wi-Fi 5.6GHz

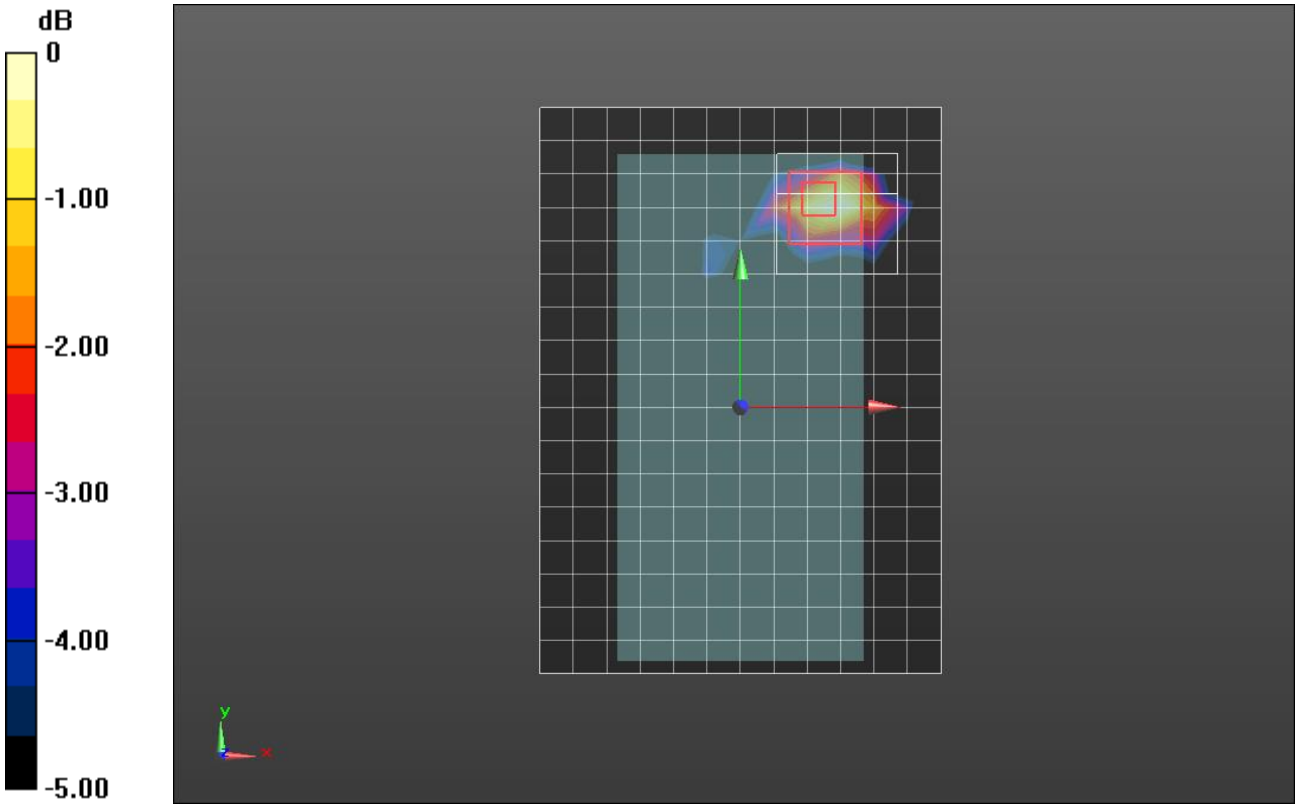
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 6.055 S/m; $\varepsilon_r$ = 49.085; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/802.11n HT40_Ch 142_Chain 0_15mm/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0378 W/kg

### Rear/802.11n HT40_Ch 142_Chain 0_15mm/Zoom Scan (10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.935 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.172 W/kg
**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00539 W/kg**
Maximum value of SAR (measured) = 0.0354 W/kg




0 dB = 0.0354 W/kg = -14.51 dBW/kg

## Wi-Fi 5.6GHz

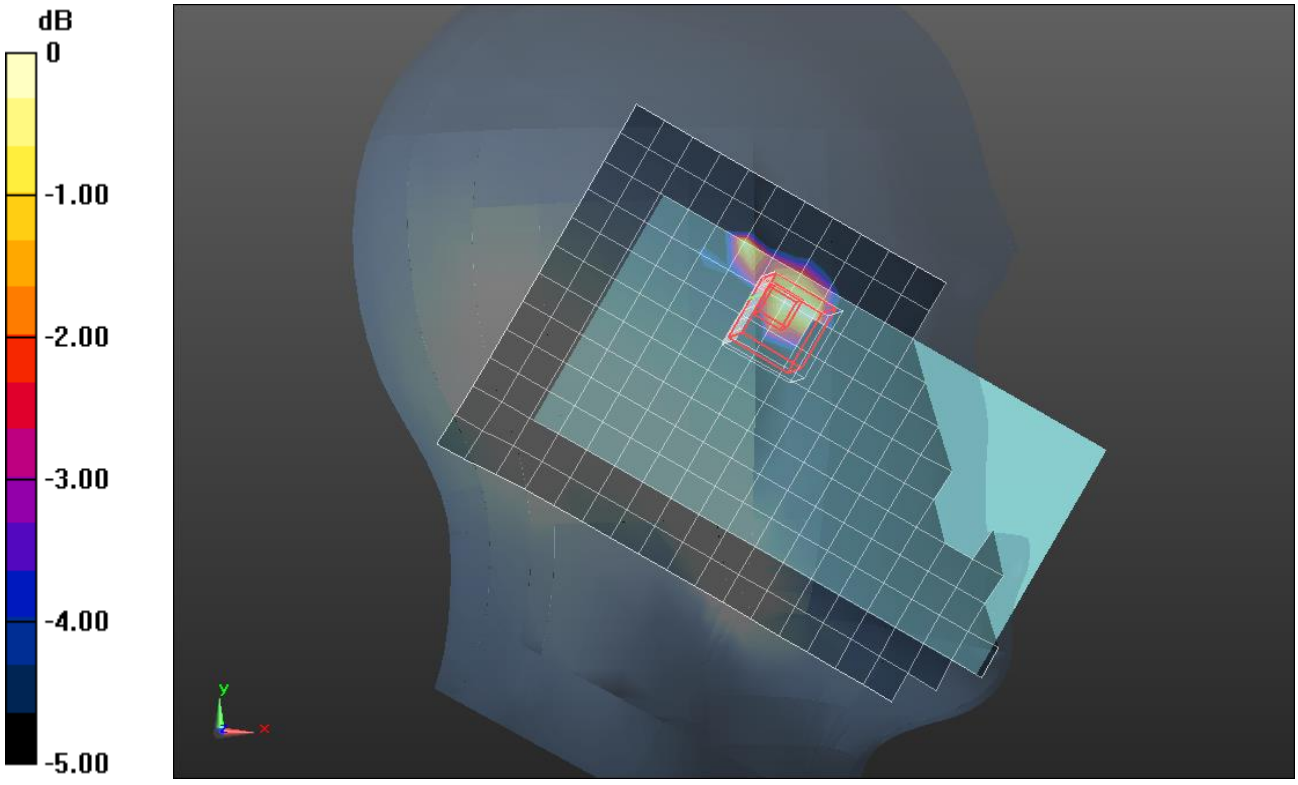
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 4.979 S/m; $\varepsilon_r$ = 35.479; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.19, 5.19, 5.19); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

### LHS/Touch_802.11n HT 40_Ch 142_Chain 1/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0756 W/kg

### LHS/Touch_802.11n HT 40_Ch 142_Chain 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.058 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.247 W/kg
**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00647 W/kg**
Maximum value of SAR (measured) = 0.0772 W/kg




0 dB = 0.0772 W/kg = -11.12 dBW/kg

## Wi-Fi 5.6GHz

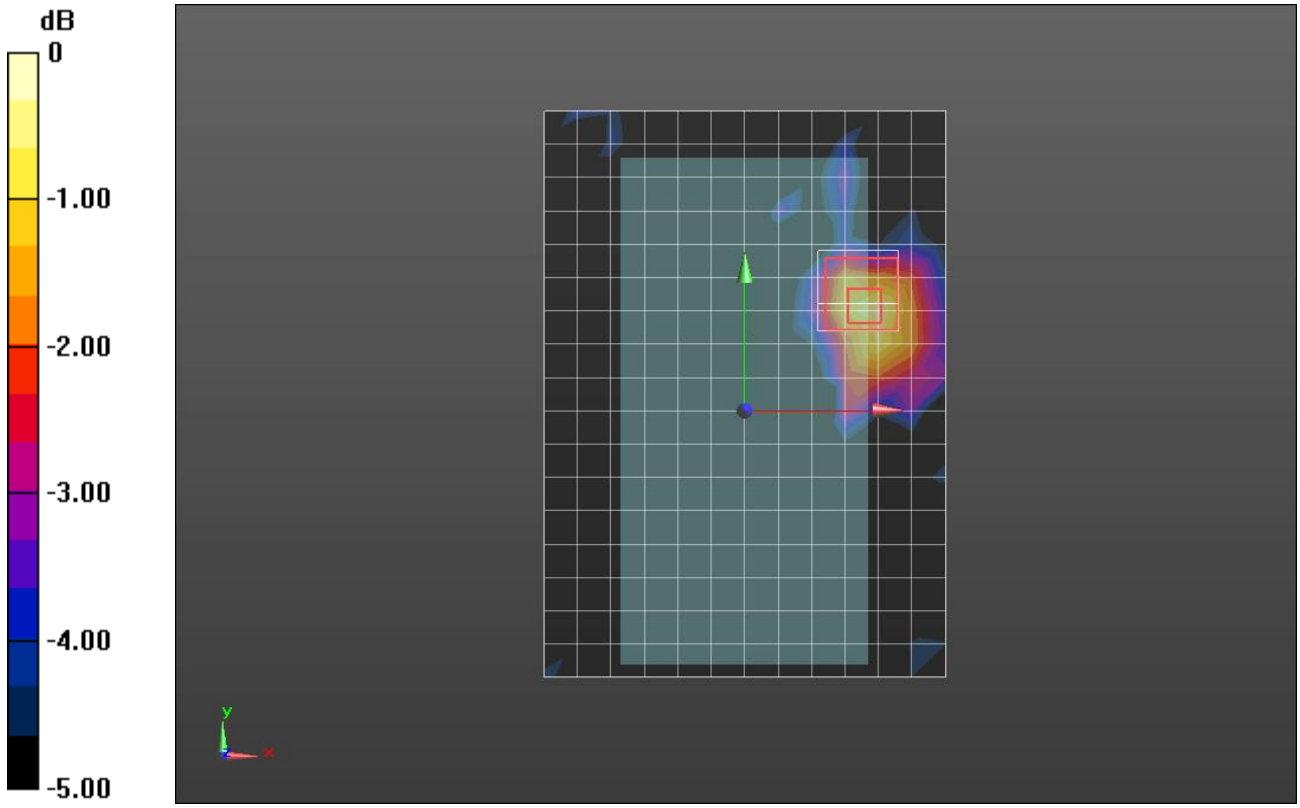
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 6.055 S/m; $\varepsilon_r$ = 49.085; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/802.11n HT40_Ch 142_Chain 1_15mm/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0347 W/kg

### Front/802.11n HT40_Ch 142_Chain 1_15mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.661 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.150 W/kg
**SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00325 W/kg**
Maximum value of SAR (measured) = 0.0362 W/kg




0 dB = 0.0362 W/kg = -14.41 dBW/kg

## Wi-Fi 5.6GHz

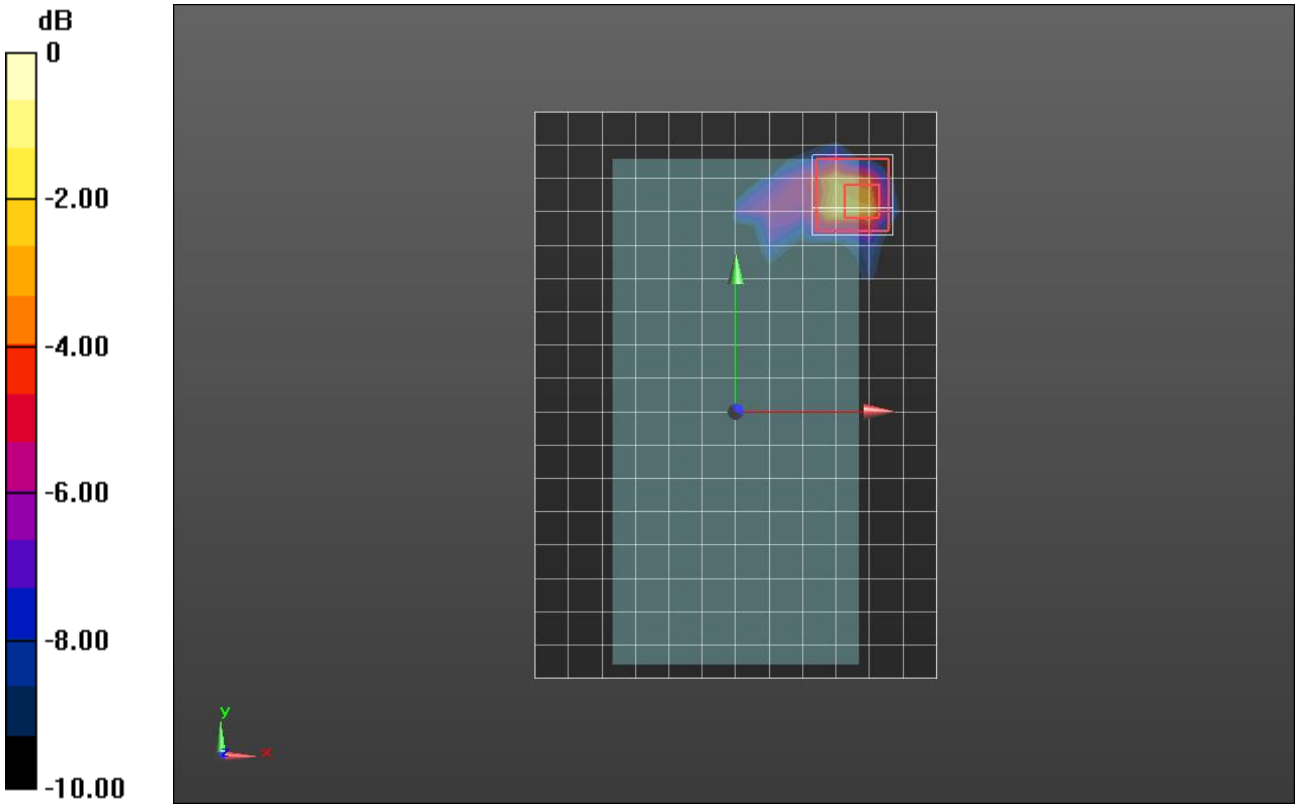
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 6.055 S/m; $\varepsilon_r$ = 49.085; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/802.11n HT40_Ch 142_Chain 0_0mm/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.470 W/kg

### Rear/802.11n HT40_Ch 142_Chain 0_0mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.781 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.32 W/kg
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.076 W/kg**
Maximum value of SAR (measured) = 0.713 W/kg




0 dB = 0.713 W/kg = -1.47 dBW/kg

## Wi-Fi 5.6GHz

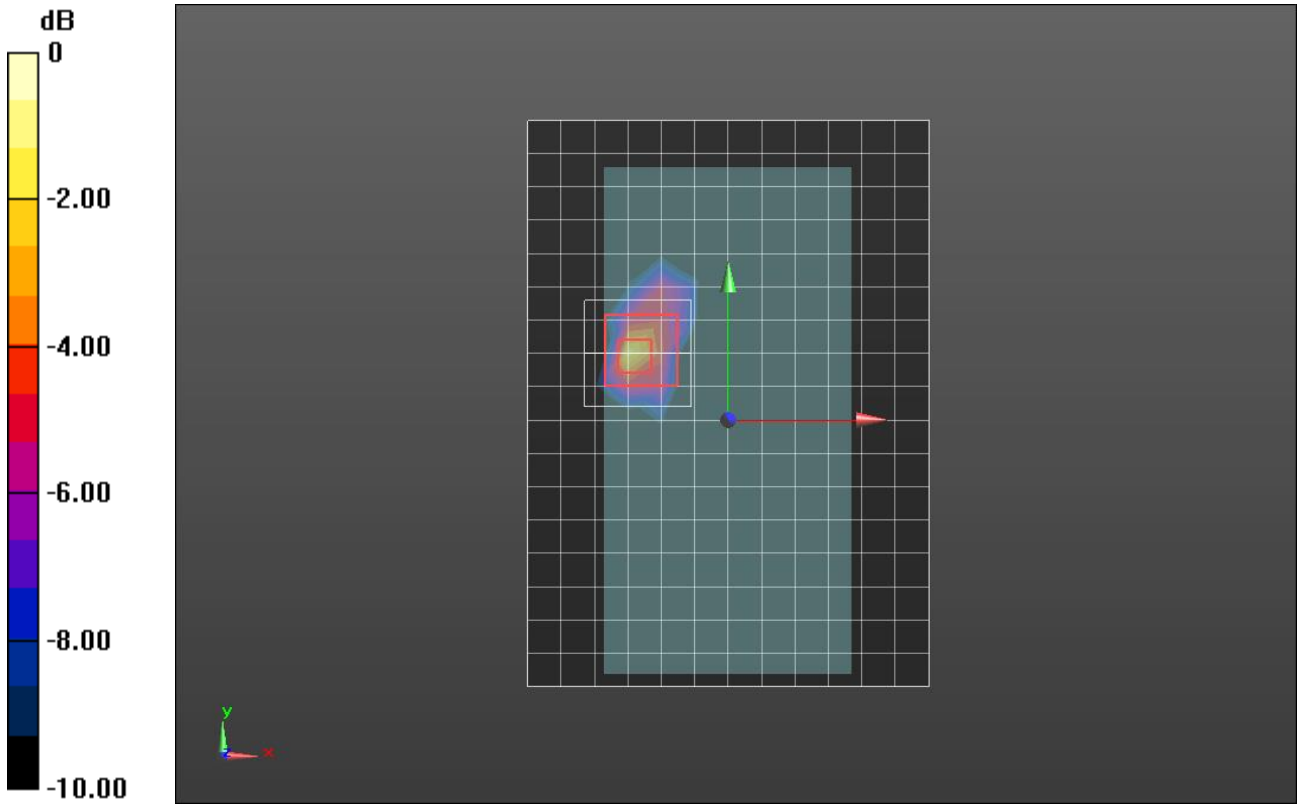
Frequency: 5710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5710 MHz; $\sigma$ = 6.055 S/m; $\varepsilon_r$ = 49.085; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Rear/802.11n HT40_Ch 142_Chain 1_0mm/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.403 W/kg

### Rear/802.11n HT40_Ch 142_Chain 1_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.944 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.973 W/kg
**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.047 W/kg**
Maximum value of SAR (measured) = 0.579 W/kg




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

## Wi-Fi 5.8GHz

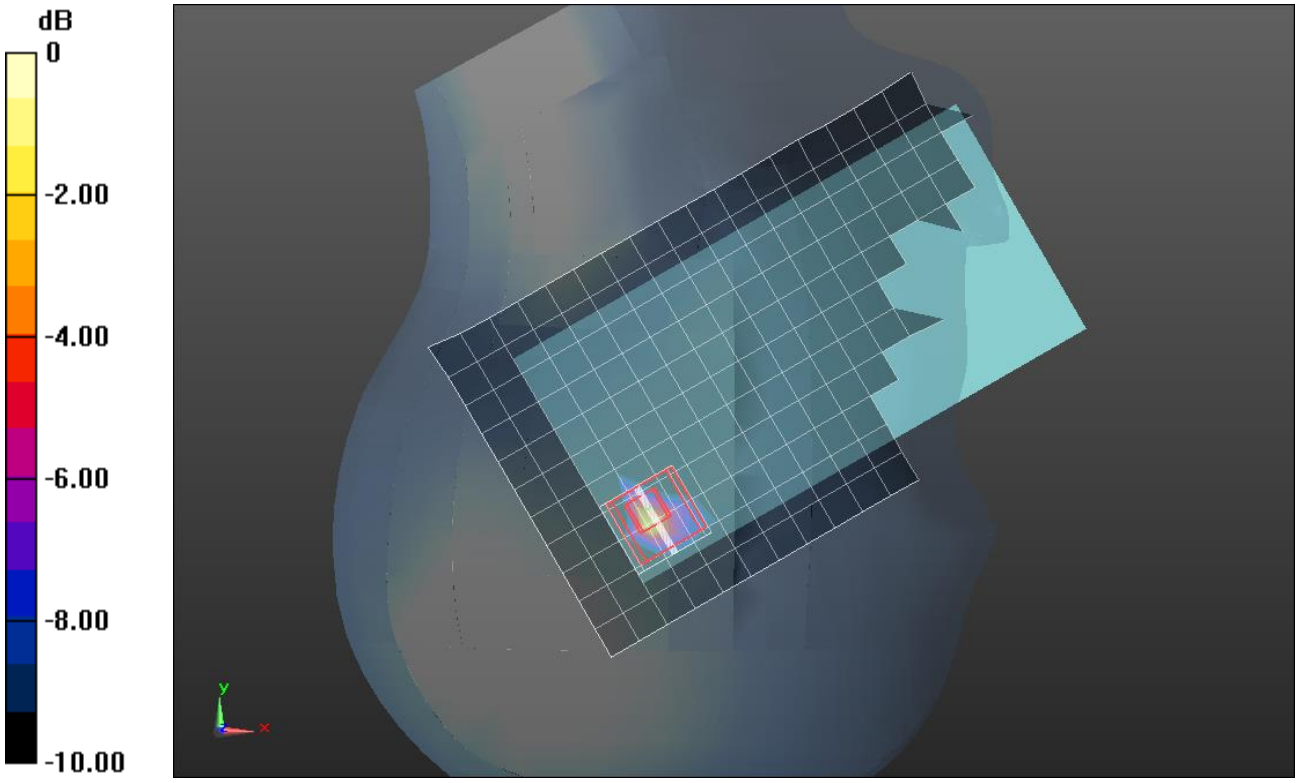
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 5.1 S/m; $\varepsilon_r$ = 35.41; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.19, 5.19, 5.19); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

### RHS/Touch_802.11a_Ch 165 Chain 0/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.254 W/kg

### RHS/Touch_802.11a_Ch 165 Chain 0/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.312 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.666 W/kg
**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.022 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.362 W/kg




0 dB = 0.362 W/kg = -4.41 dBW/kg

## Wi-Fi 5.8GHz

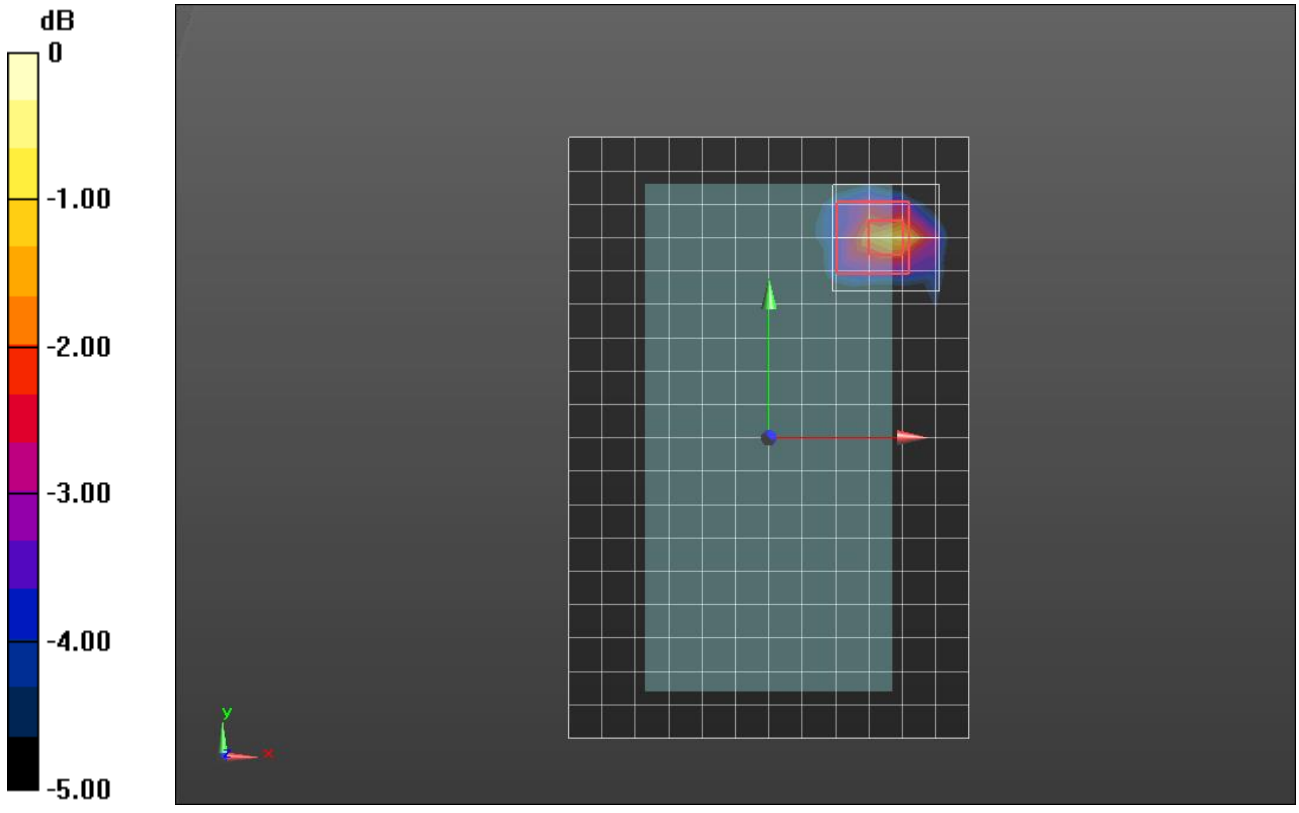
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.284 S/m; $\varepsilon_r$ = 49.132; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- 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 165_Chain 0_15mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0857 W/kg

### Rear/802.11a_Ch 165_Chain 0_15mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.902 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.297 W/kg
**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.013 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.102 W/kg




0 dB = 0.102 W/kg = -9.91 dBW/kg

## Wi-Fi 5.8GHz

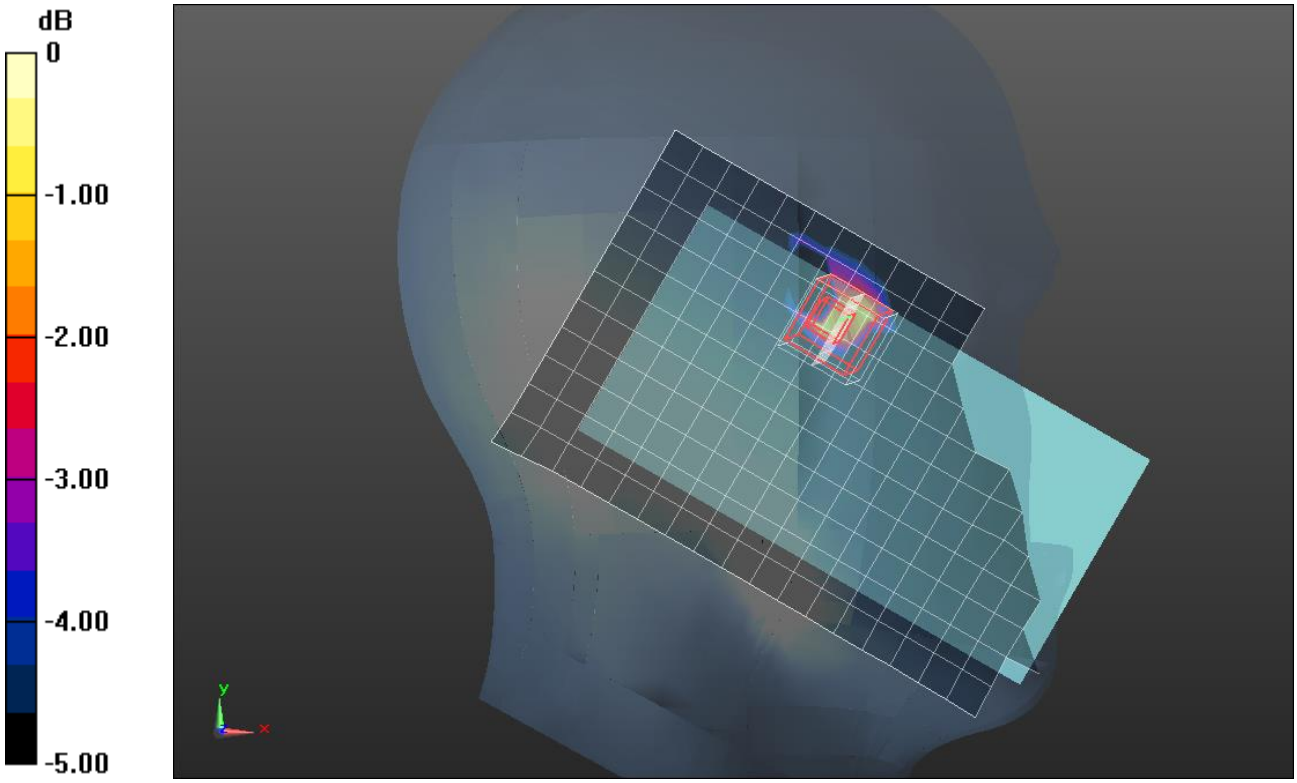
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 5.1 S/m; $\varepsilon_r$ = 35.41; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1257; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN7483; ConvF(5.19, 5.19, 5.19); Calibrated: 12/12/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (20deg tilt); Type: QD000P40CD; Serial: 1629

### LHS/Touch_802.11a_Ch 165 Chain 1/Area Scan (12x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0934 W/kg

### LHS/Touch_802.11a_Ch 165 Chain 1/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.009 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.187 W/kg
**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.012 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.106 W/kg




0 dB = 0.106 W/kg = -9.75 dBW/kg

## Wi-Fi 5.8GHz

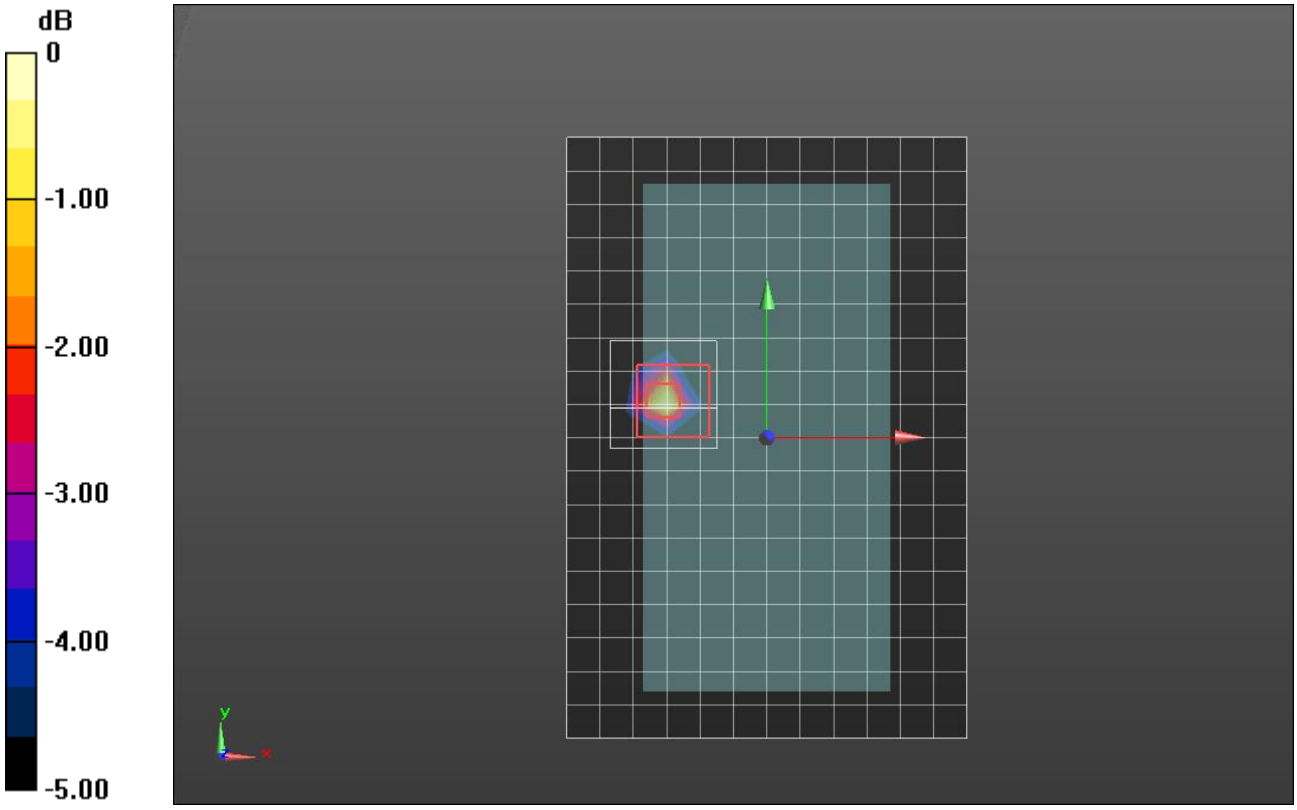
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.284 S/m; $\varepsilon_r$ = 49.132; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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 165_Chain 1_15mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0470 W/kg

### Rear/802.11a_Ch 165_Chain 1_15mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.873 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.251 W/kg
**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00388 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0475 W/kg




0 dB = 0.0475 W/kg = -13.23 dBW/kg

## Wi-Fi 5.8GHz

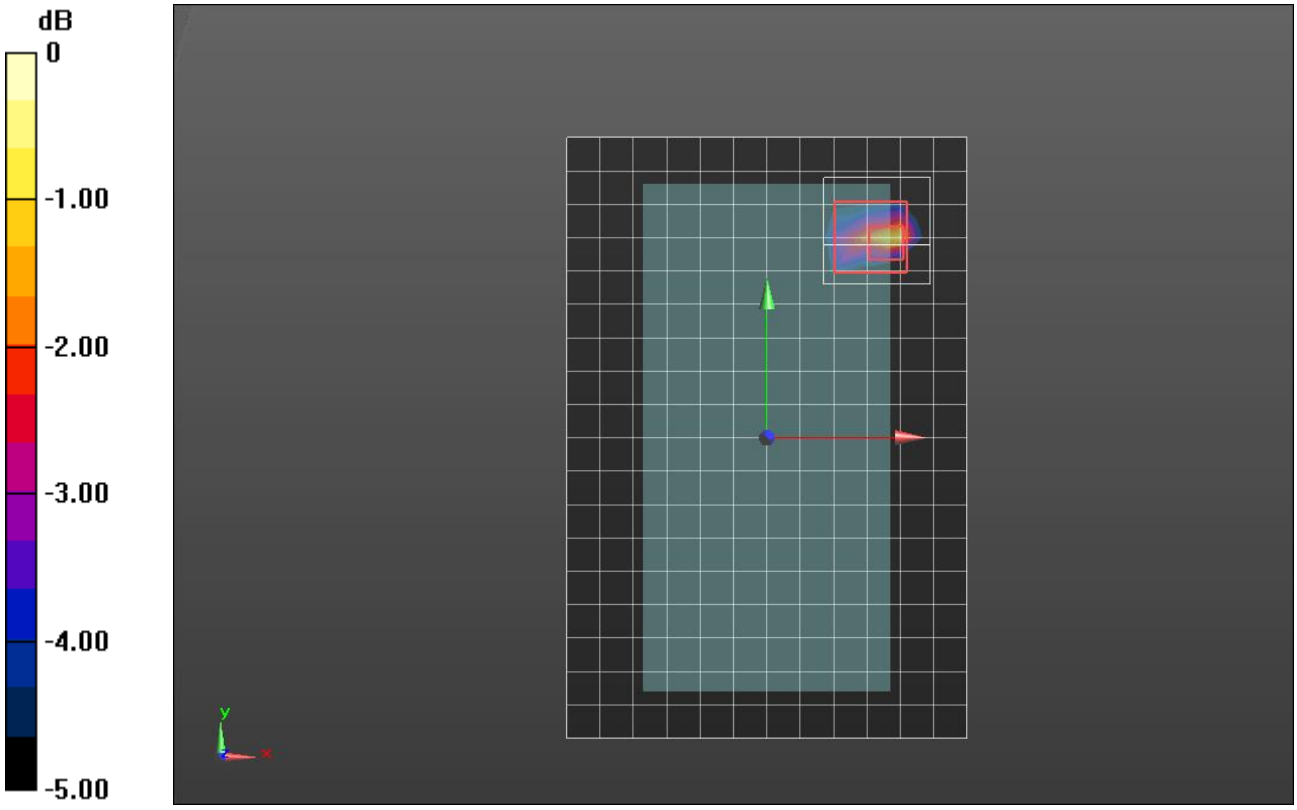
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.284 S/m; $\varepsilon_r$ = 49.132; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), 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 165_Chain 0_0mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

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

### Rear/802.11a_Ch 165_Chain 0_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.34 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.51 W/kg
**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.142 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.32 W/kg




0 dB = 1.32 W/kg = 1.21 dBW/kg

## Wi-Fi 5.8GHz

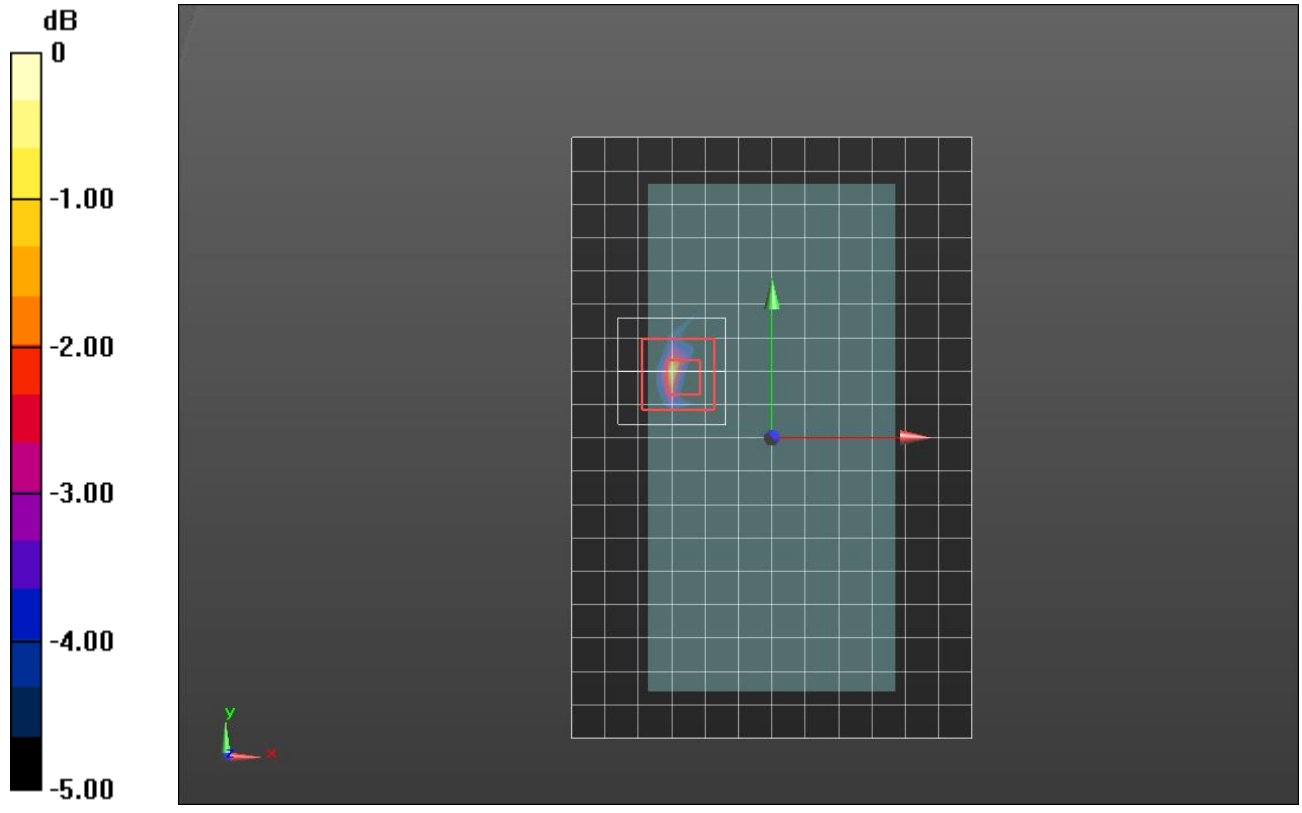
Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.284 S/m; $\varepsilon_r$ = 49.132; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN3871; ConvF(4.32, 4.32, 4.32); Calibrated: 8/23/2017;
- 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 165_Chain 1_0mm/Area Scan (13x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.864 W/kg

### Rear/802.11a_Ch 165_Chain 1_0mm/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.677 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.68 W/kg
**SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.092 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.999 W/kg




0 dB = 0.999 W/kg = -0.00 dBW/kg

## Bluetooth

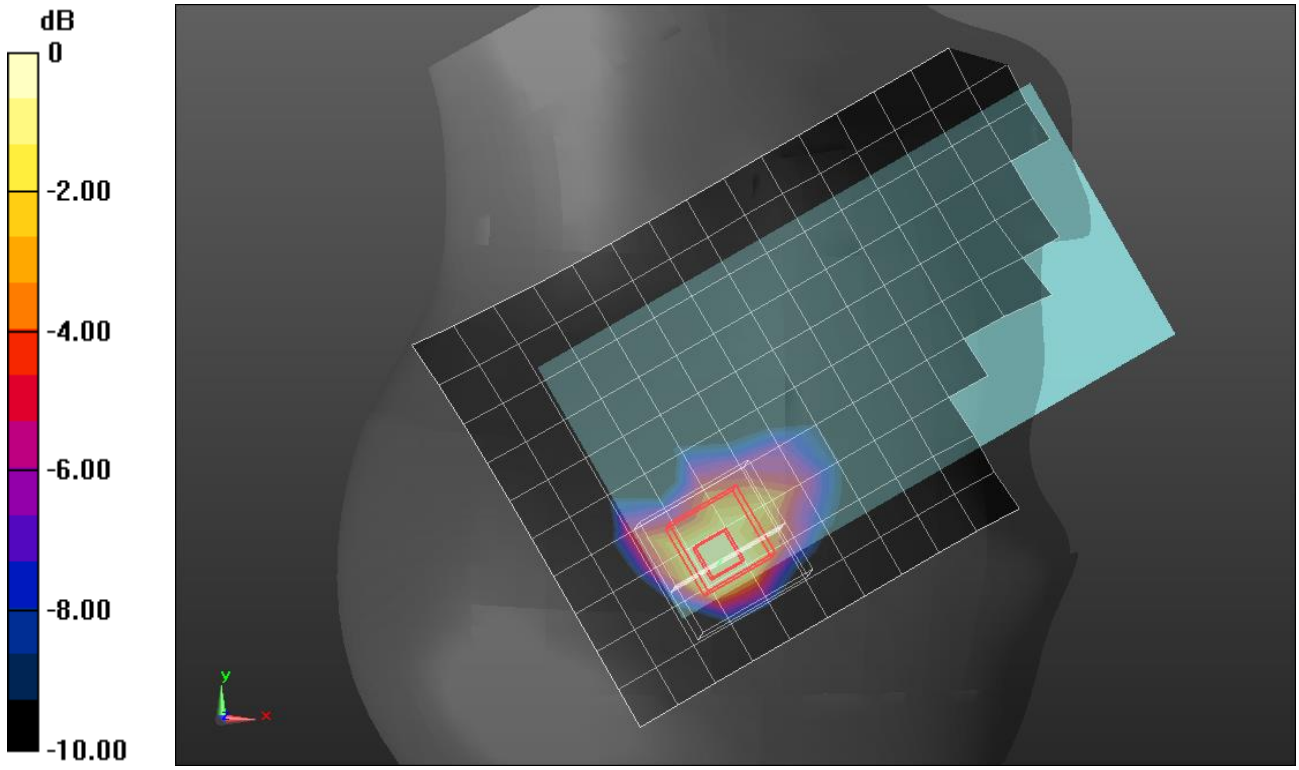
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 1.806 S/m; $\varepsilon_r$ = 39.095; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.26, 7.26, 7.26); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

### RHS/GFSK DH5_Touch_ch 39_Chain 0/Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.256 W/kg

### RHS/GFSK DH5_Touch_ch 39_Chain 0/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.148 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.395 W/kg
**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.084 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.301 W/kg




0 dB = 0.301 W/kg = -5.21 dBW/kg

## Bluetooth

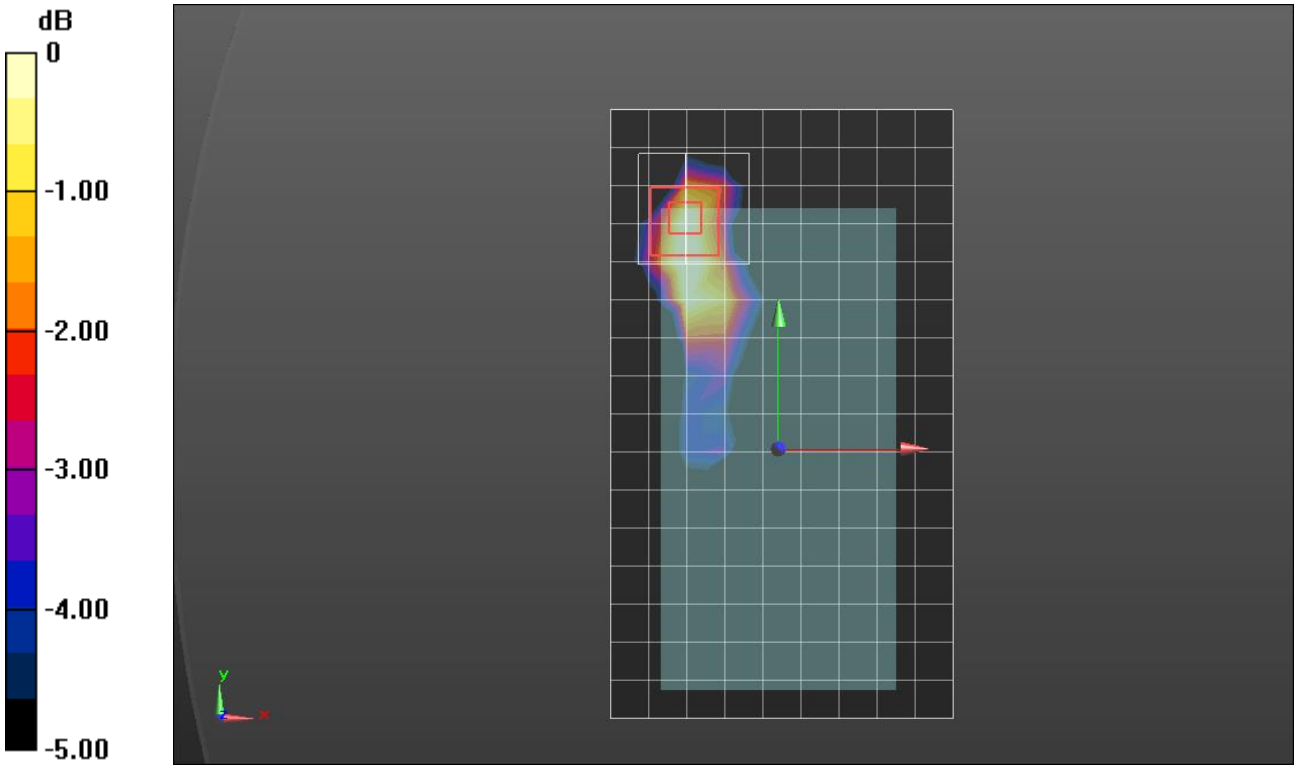
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 2.013 S/m; $\varepsilon_r$ = 50.449; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/GFSK DH5_ch 39_Chain 0_15mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0229 W/kg

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

Reference Value = 2.880 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0350 W/kg
**SAR(1 g) = 0.00893 W/kg; SAR(10 g) = 0.00322 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0188 W/kg




0 dB = 0.0188 W/kg = -17.26 dBW/kg

## Bluetooth

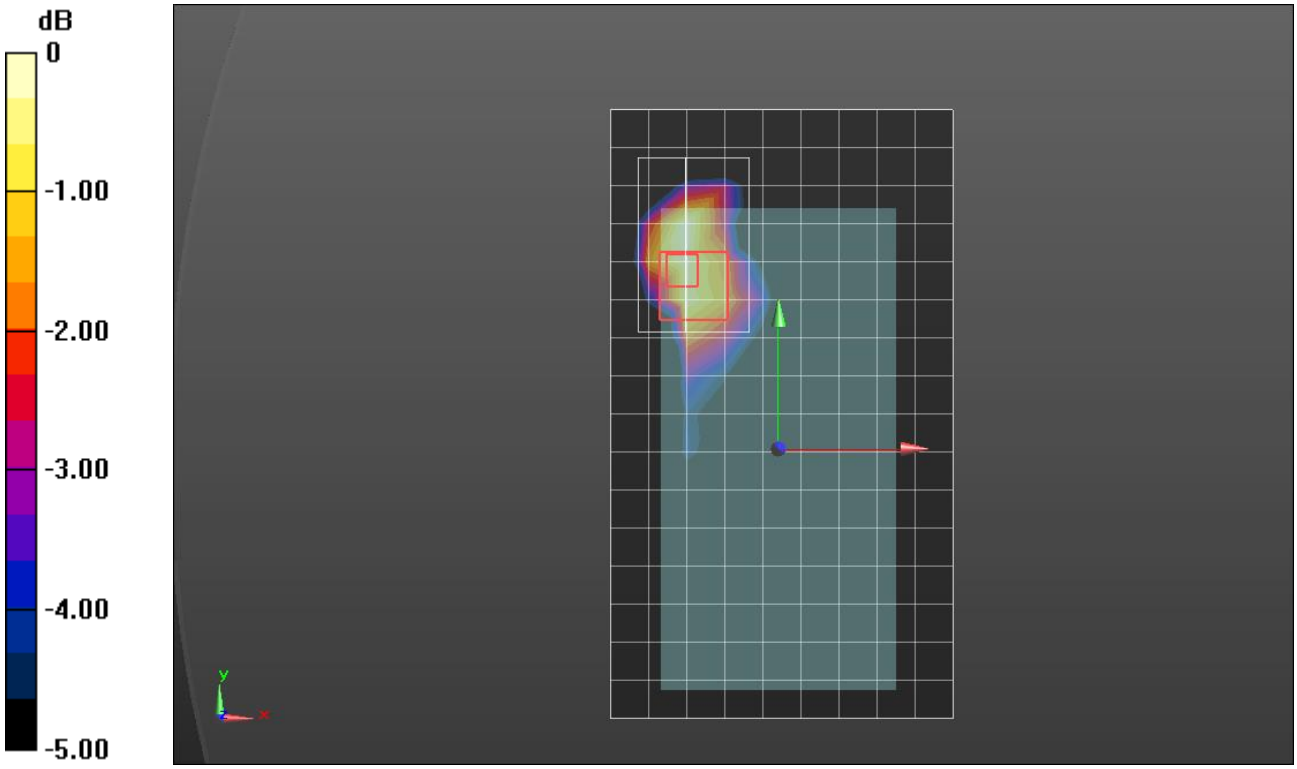
Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 2.013 S/m; $\varepsilon_r$ = 50.449; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 10/11/2017
- Probe: EX3DV4 - SN3929; ConvF(7.18, 7.18, 7.18); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

### Front/GFSK DH5_ch 39_Chain 0_10mm/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0395 W/kg

### Front/GFSK DH5_ch 39_Chain 0_10mm/Zoom Scan (8x12x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.082 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0800 W/kg
**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.012 W/kg**
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0401 W/kg




0 dB = 0.0401 W/kg = -13.97 dBW/kg