

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 40.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**LHS/Touch\_GPRS 4 slots\_ch 190/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.145 W/kg

**LHS/Touch\_GPRS 4 slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

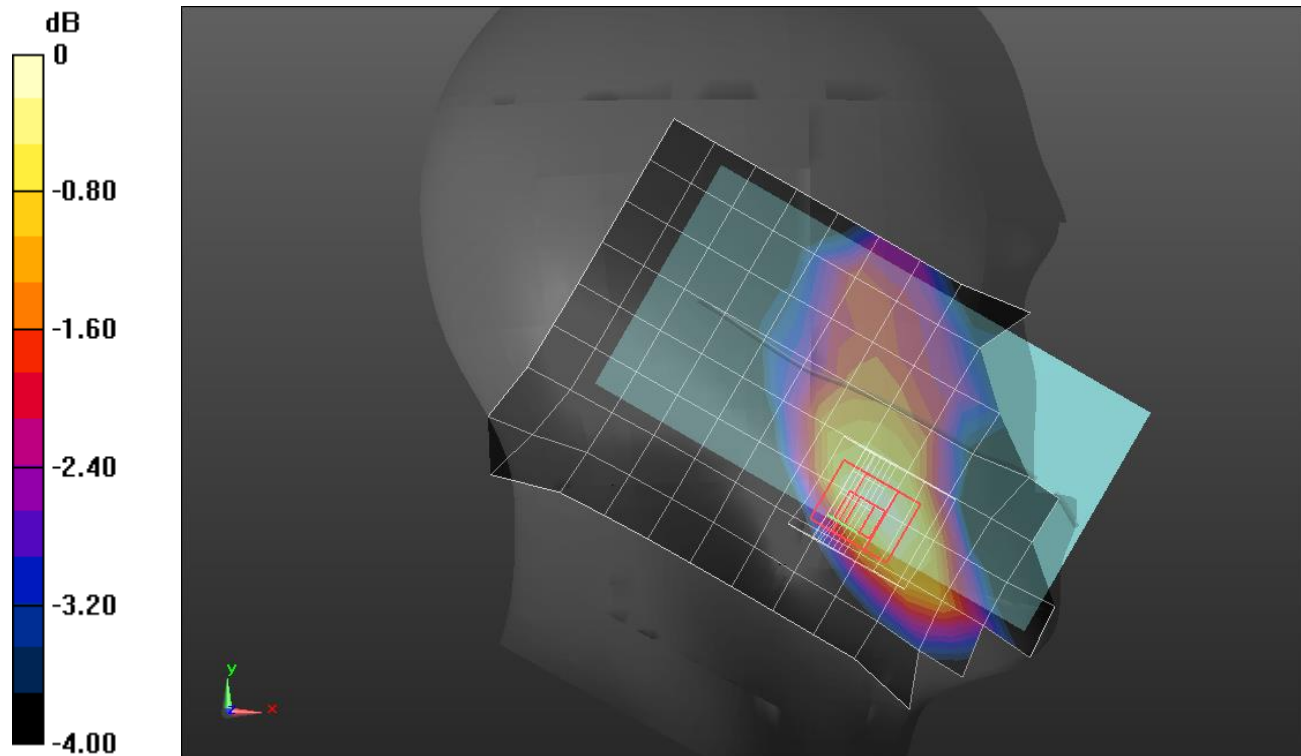
Reference Value = 11.92 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.085 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 52.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- 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) = 0.352 W/kg

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

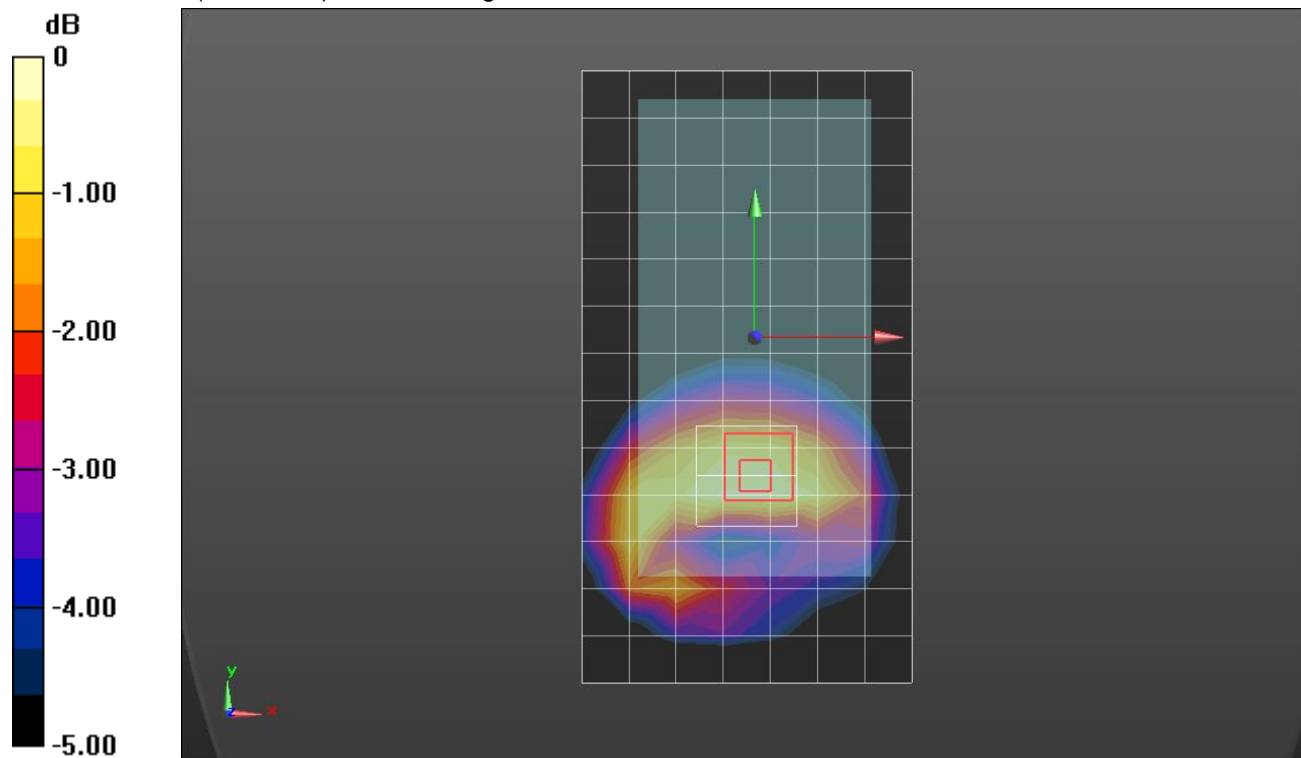
Reference Value = 18.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.414 W/kg

**SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.209 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

### GSM850 DTM

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.029$  S/m;  $\epsilon_r = 53.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

**Rear/DTM (CS+PS 1 Slot)\_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) = 0.560 W/kg

**Rear/DTM (CS+PS 1 Slot)\_ch 190\_10mm/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:

dx=8mm, dy=8mm, dz=5mm

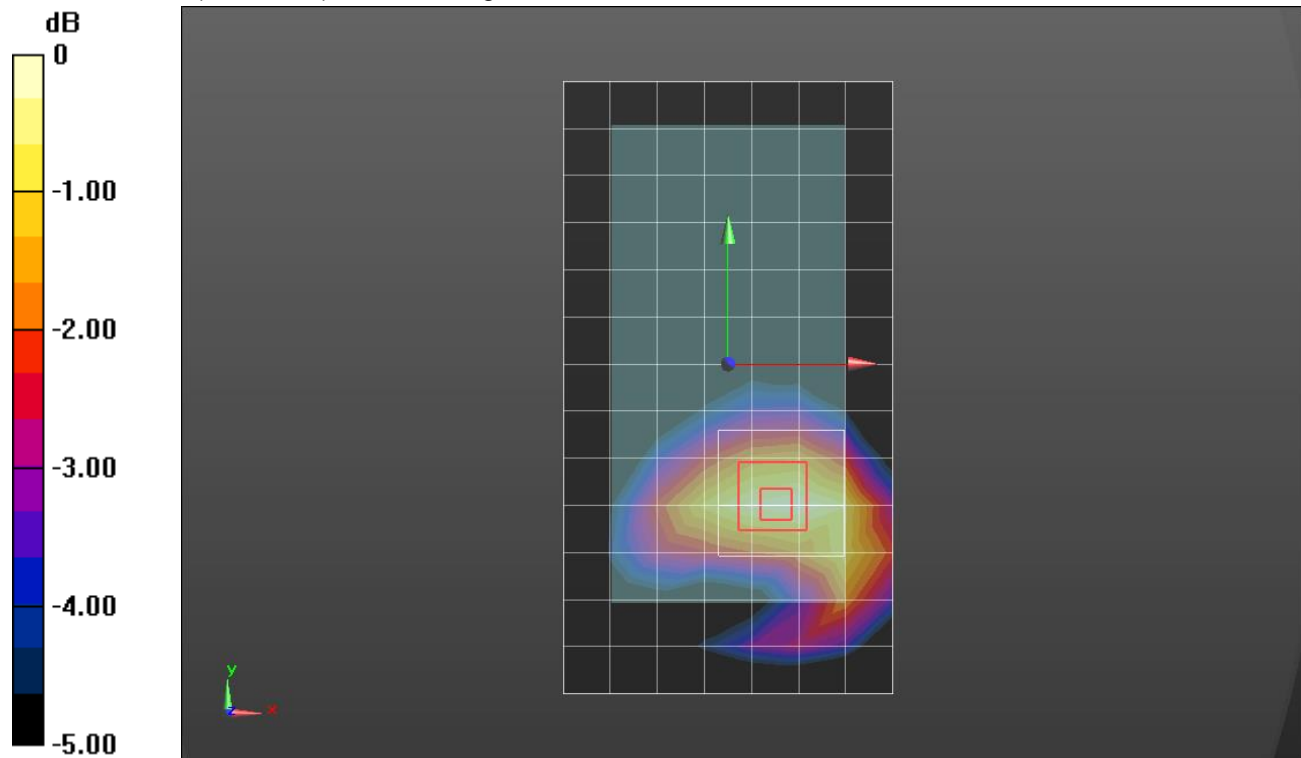
Reference Value = 22.45 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.309 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 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:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.368 \text{ S/m}$ ;  $\epsilon_r = 39.46$ ;  $\rho = 1000 \text{ kg/m}^3$   
 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3885; ConvF(7.99, 7.99, 7.99); Calibrated: 10/24/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

**LHS/Touch\_GPRS 4 slots\_ch 661/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.145 W/kg

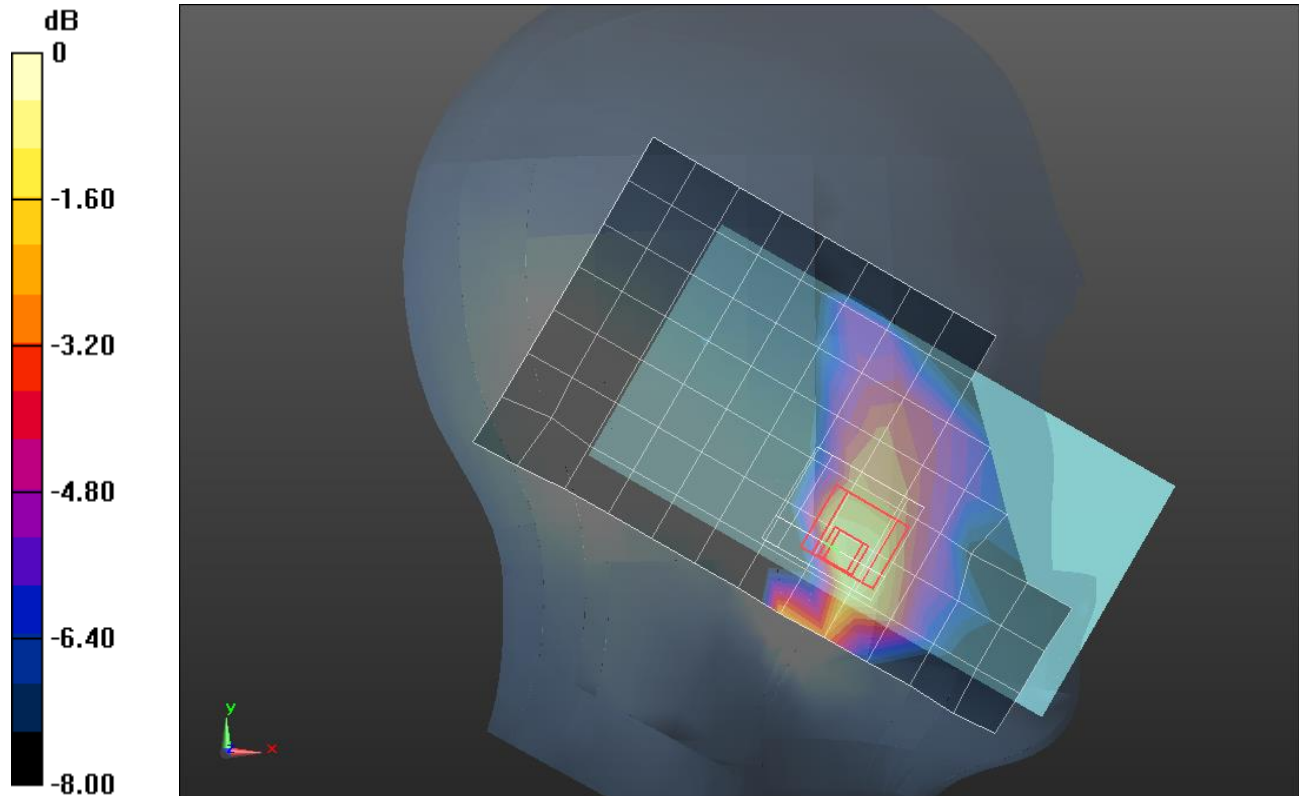
**LHS/Touch\_GPRS 4 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.065 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 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:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.511 \text{ S/m}$ ;  $\epsilon_r = 50.838$ ;  $\rho = 1000 \text{ kg/m}^3$   
 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3885; ConvF(7.81, 7.81, 7.81); Calibrated: 10/24/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Front/GPRS 4 slots\_ch 661\_15mm/Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.115 W/kg

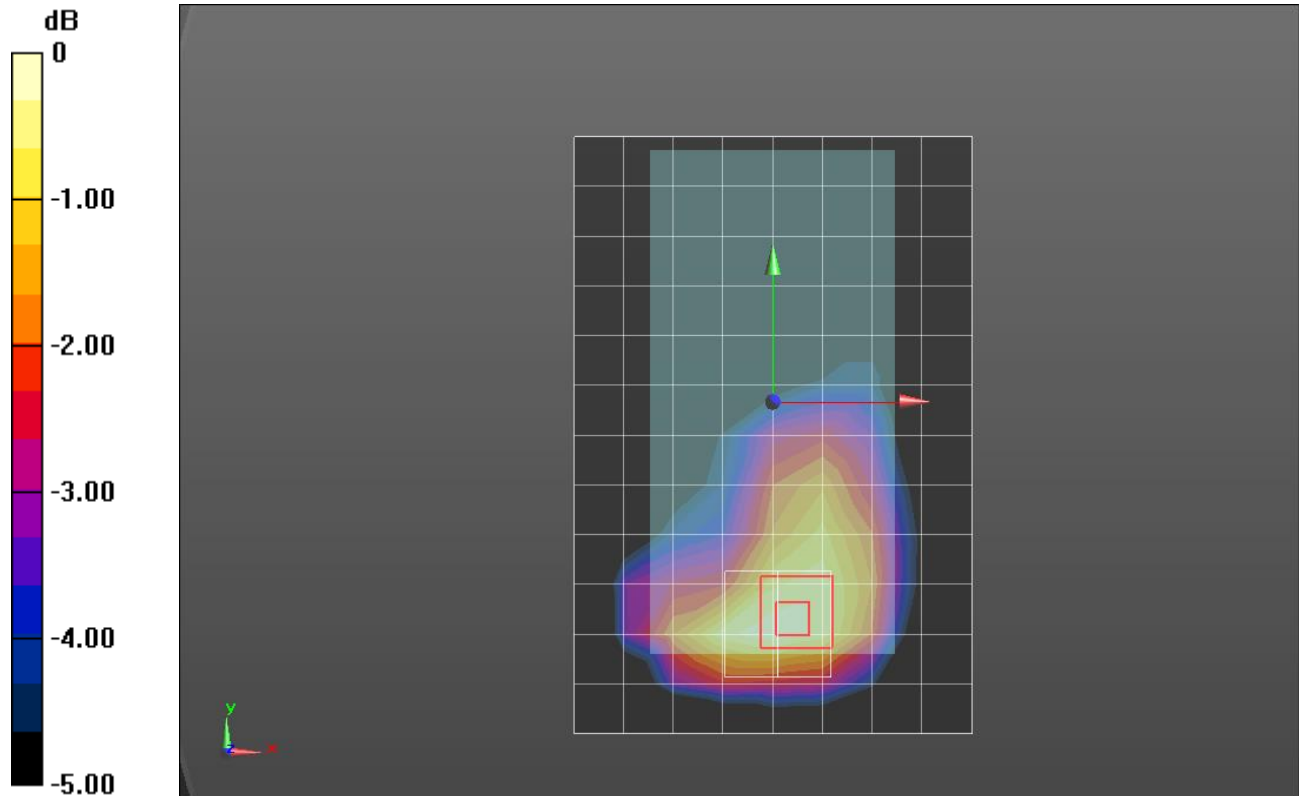
**Front/GPRS 4 slots\_ch 661\_15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.180 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 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:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.511 \text{ S/m}$ ;  $\epsilon_r = 50.838$ ;  $\rho = 1000 \text{ kg/m}^3$   
 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 Sn1343; Calibrated: 8/21/2017
- Probe: EX3DV4 - SN3885; ConvF(7.81, 7.81, 7.81); Calibrated: 10/24/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1213

**Edge 3/GPRS 4 slots\_ch 661/Area Scan (8x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.380 W/kg

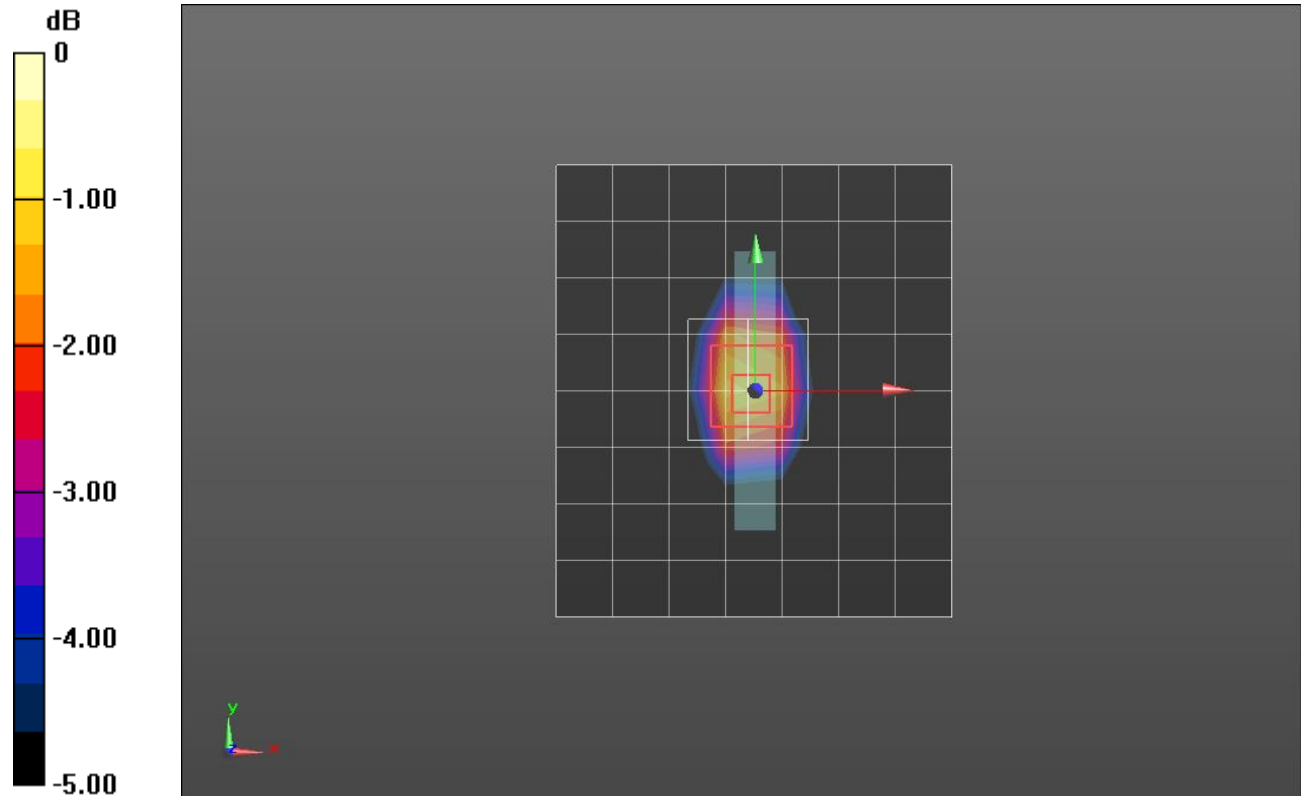
**Edge 3/GPRS 4 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.227 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.550 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.461 W/kg



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

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 40.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**LHS/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) = 0.191 W/kg

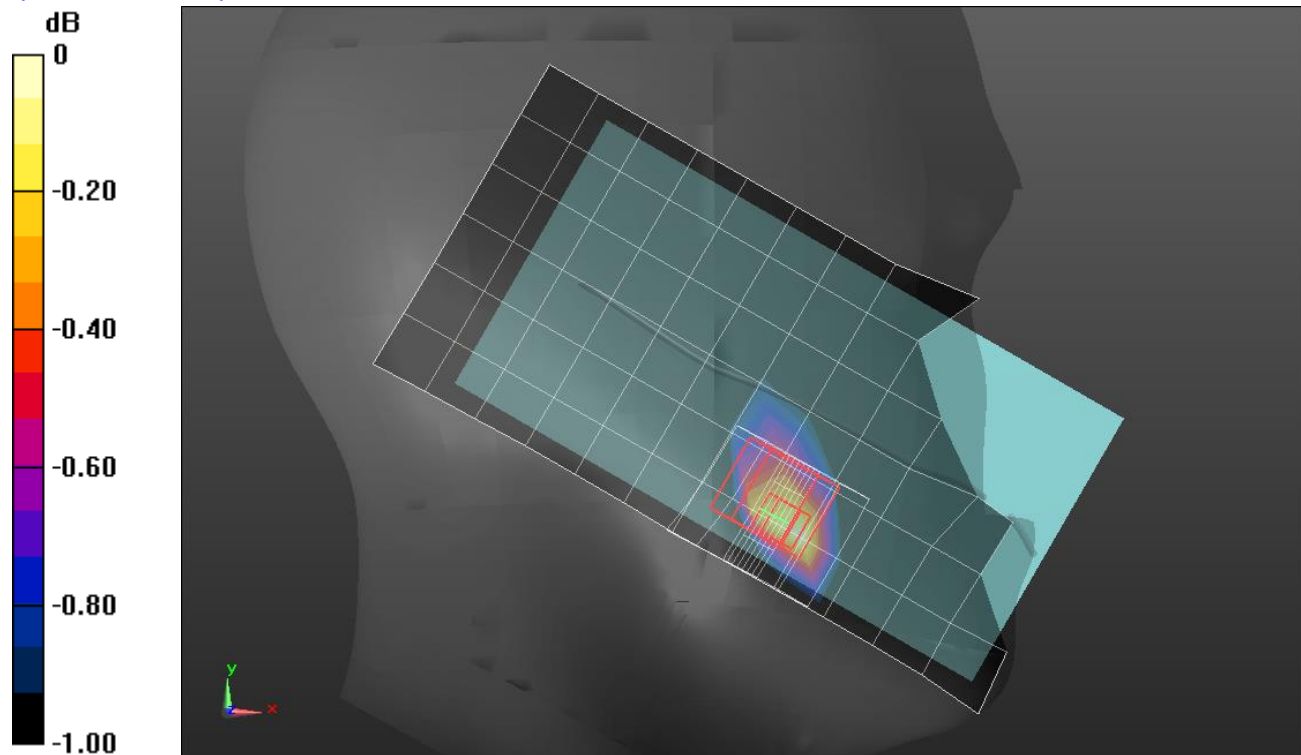
**LHS/Touch\_RMC Rel. 99\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.120 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)



0 dB = 0.191 W/kg = -7.19 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;  $\sigma = 0.996$  S/m;  $\epsilon_r = 52.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

**Rear/RMC Rel. 99\_ch 4183 15mm/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.301 W/kg

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

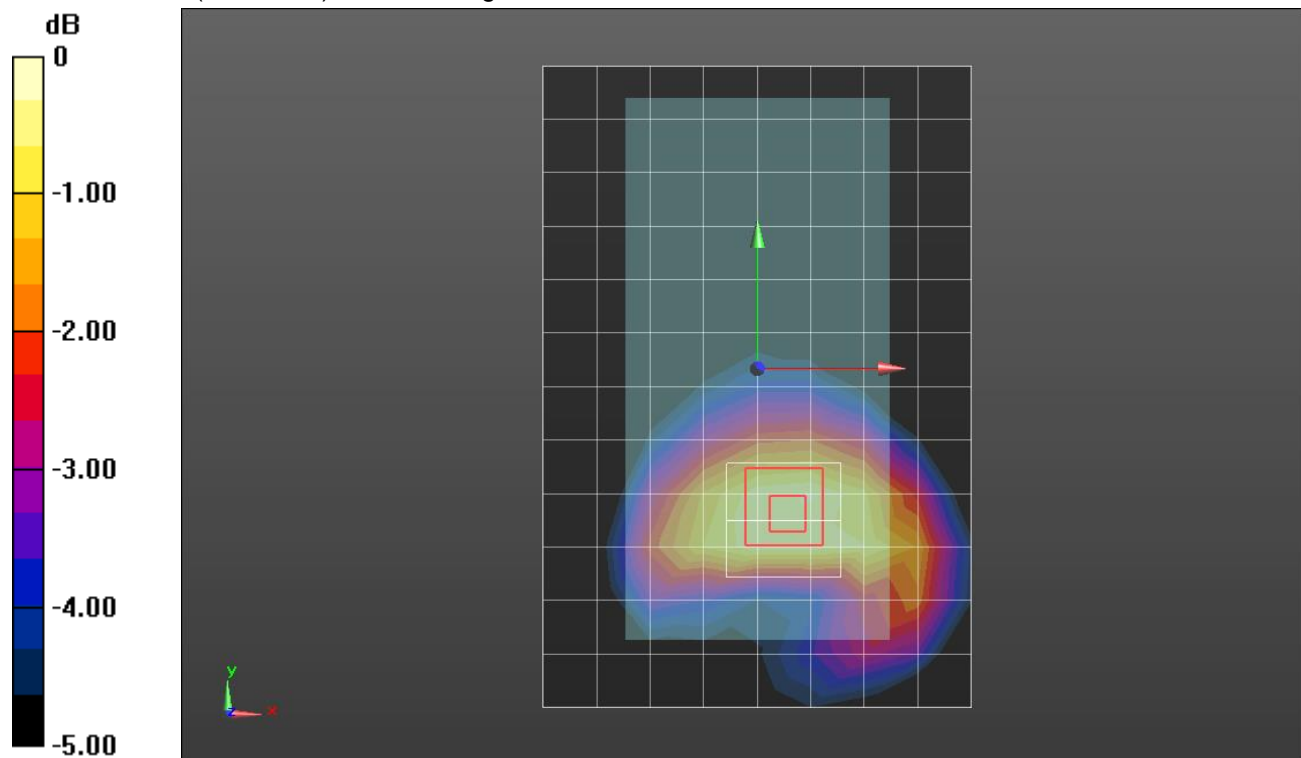
Reference Value = 16.75 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.182 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 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;  $\sigma = 0.996$  S/m;  $\epsilon_r = 52.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 AA; Serial: 1258

**Front/RMC Rel. 99\_ch 4183 10mm/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.535 W/kg

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

Reference Value = 21.72 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.637 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.229 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.532 W/kg

**Front/RMC Rel. 99\_ch 4183 10mm/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

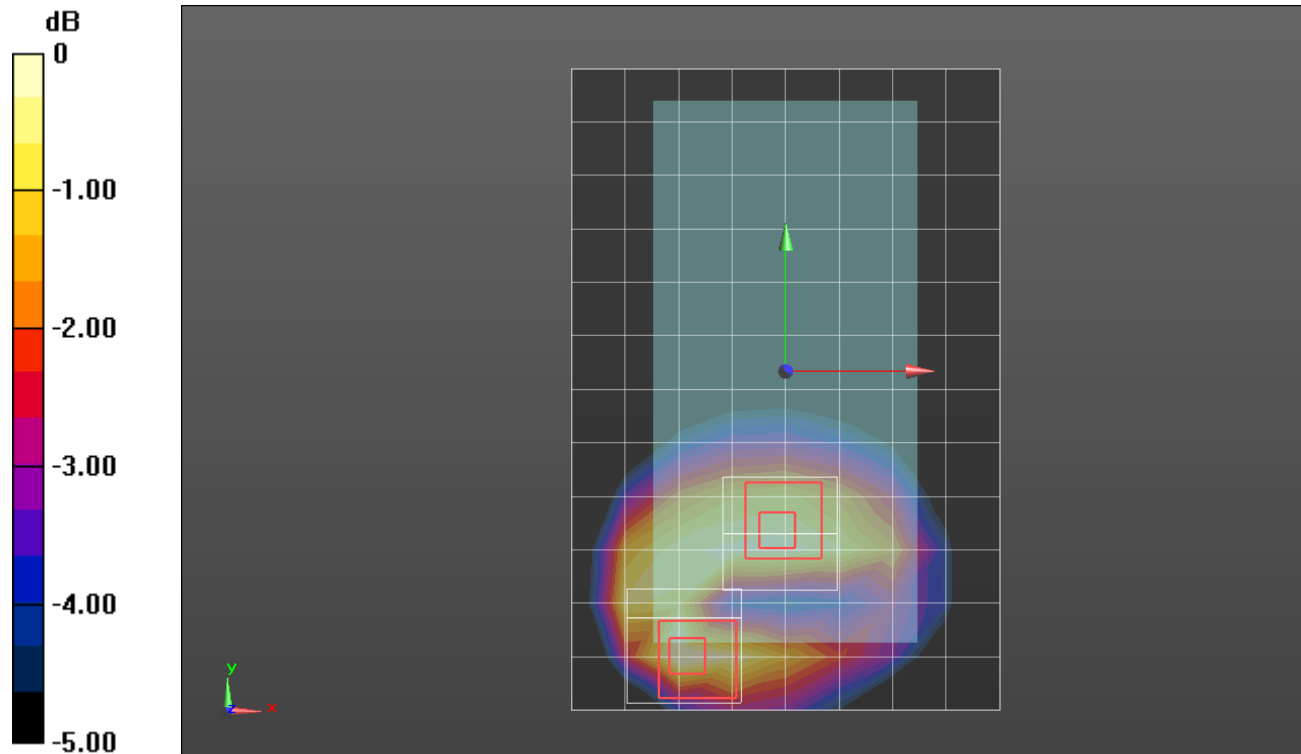
Reference Value = 21.72 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.556 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.272 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.314$  S/m;  $\epsilon_r = 39.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(9.01, 9.01, 9.01); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: 1772

**RHS/Touch\_QPSK RB 1,0 Ch 20175/Area Scan (10x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.177 W/kg

**RHS/Touch\_QPSK RB 1,0 Ch 20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.088 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.182 W/kg

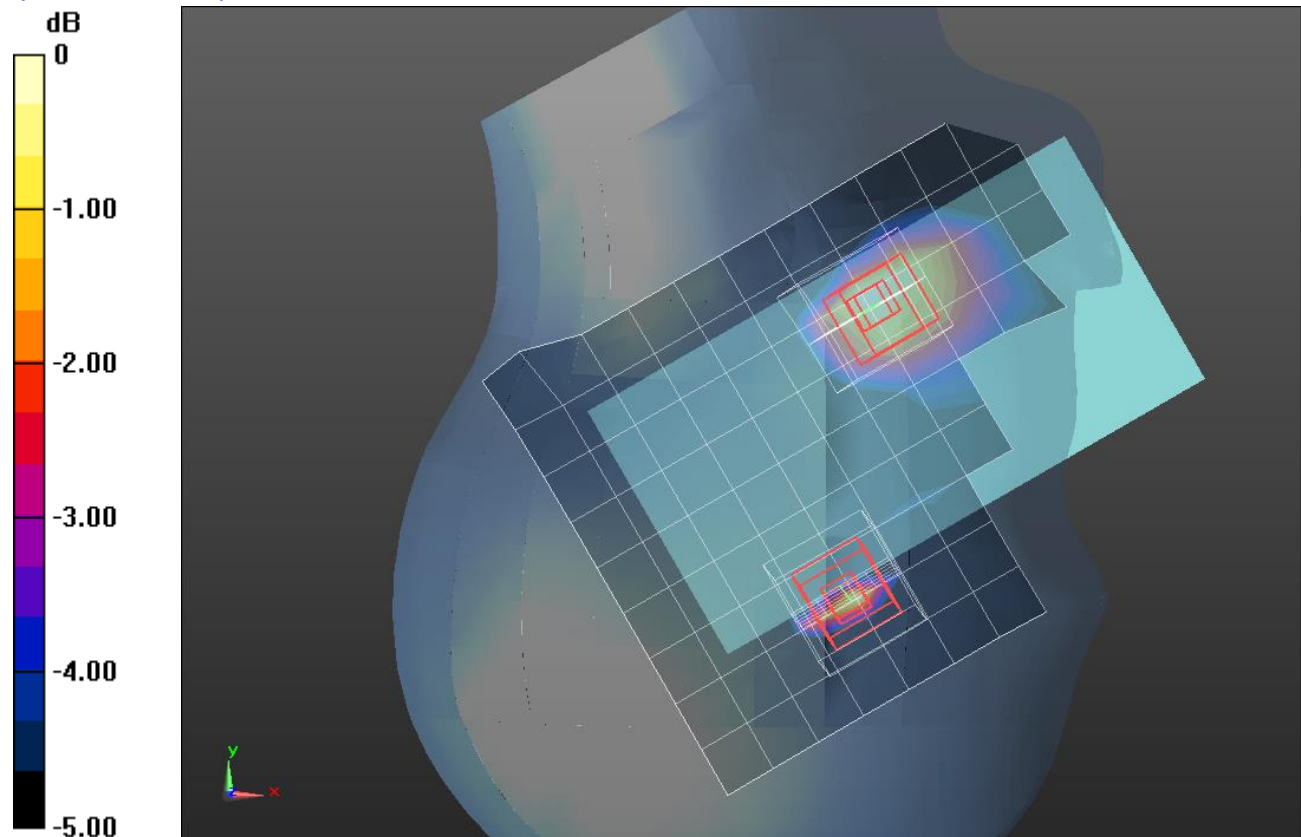
**RHS/Touch\_QPSK RB 1,0 Ch 20175/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.214 W/kg

**SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.048 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)



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

## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 51.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/QPSK RB 1,0 Ch 20175\_15mm/Area Scan (9x13x1):** 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 1,0 Ch 20175\_15mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

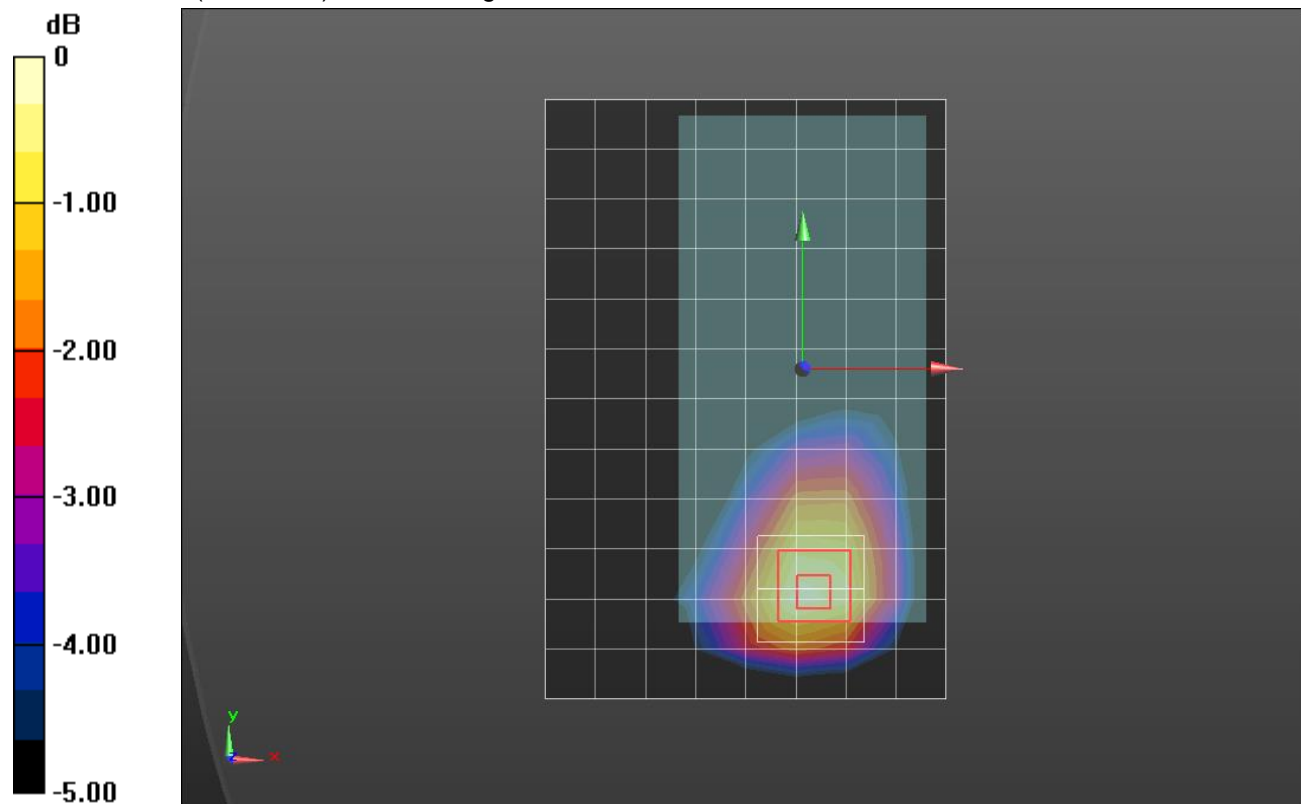
Reference Value = 14.57 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.179 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

## LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 51.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 20175\_10mm/Area Scan (6x7x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.644 W/kg

**Edge 3/QPSK RB 1,0 Ch 20175\_10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

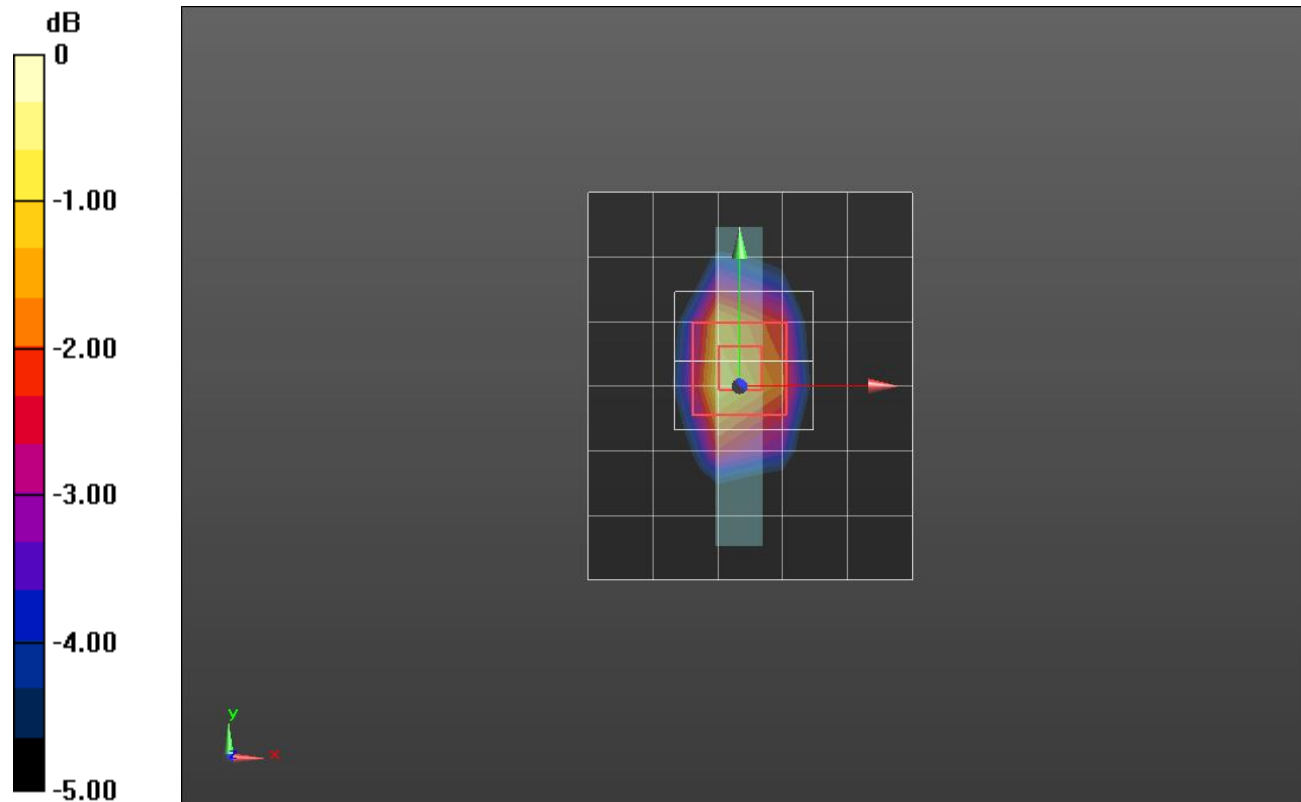
Reference Value = 19.52 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.860 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.315 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg = -1.27 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;  $\sigma = 0.929$  S/m;  $\epsilon_r = 40.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

**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) = 0.175 W/kg

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

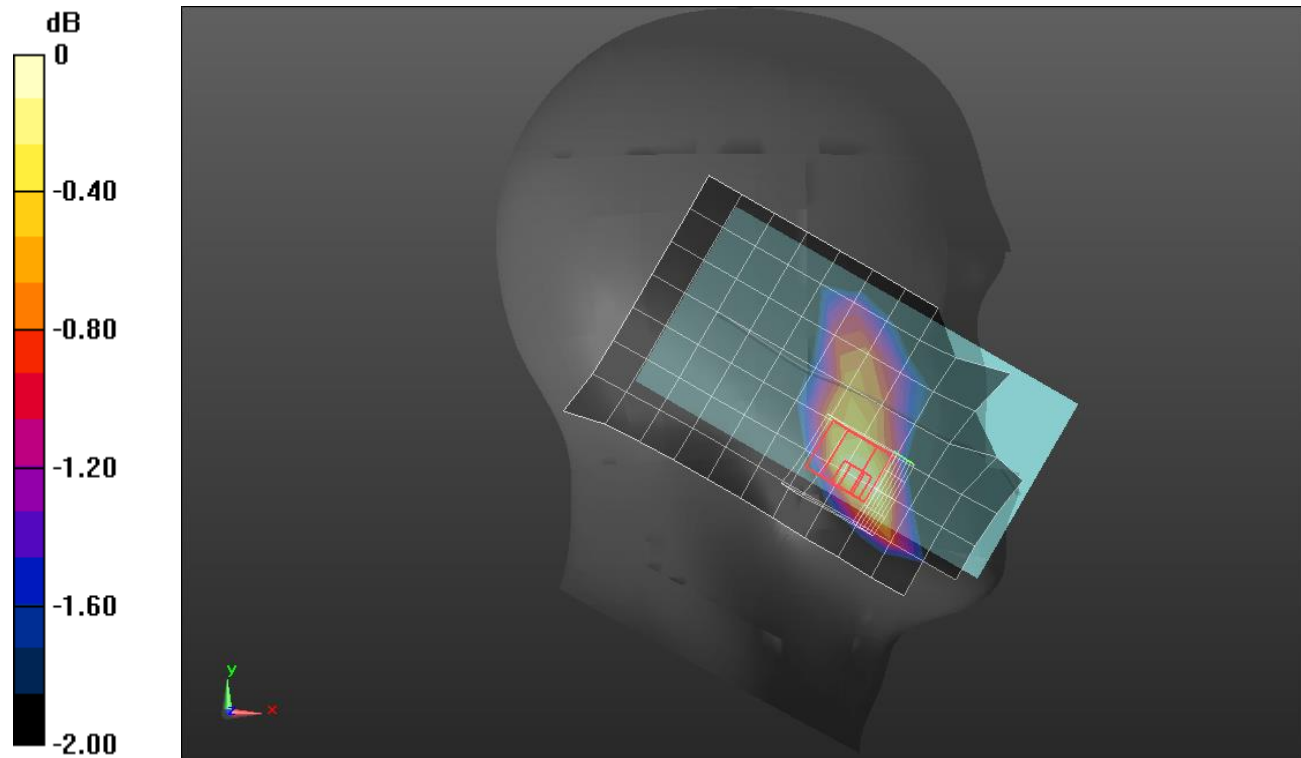
Reference Value = 13.60 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.114 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.179 W/kg



0 dB = 0.179 W/kg = -7.47 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;  $\sigma = 0.996$  S/m;  $\epsilon_r = 52.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- 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 (9x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.300 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 = 16.72 V/m; Power Drift = 0.02 dB

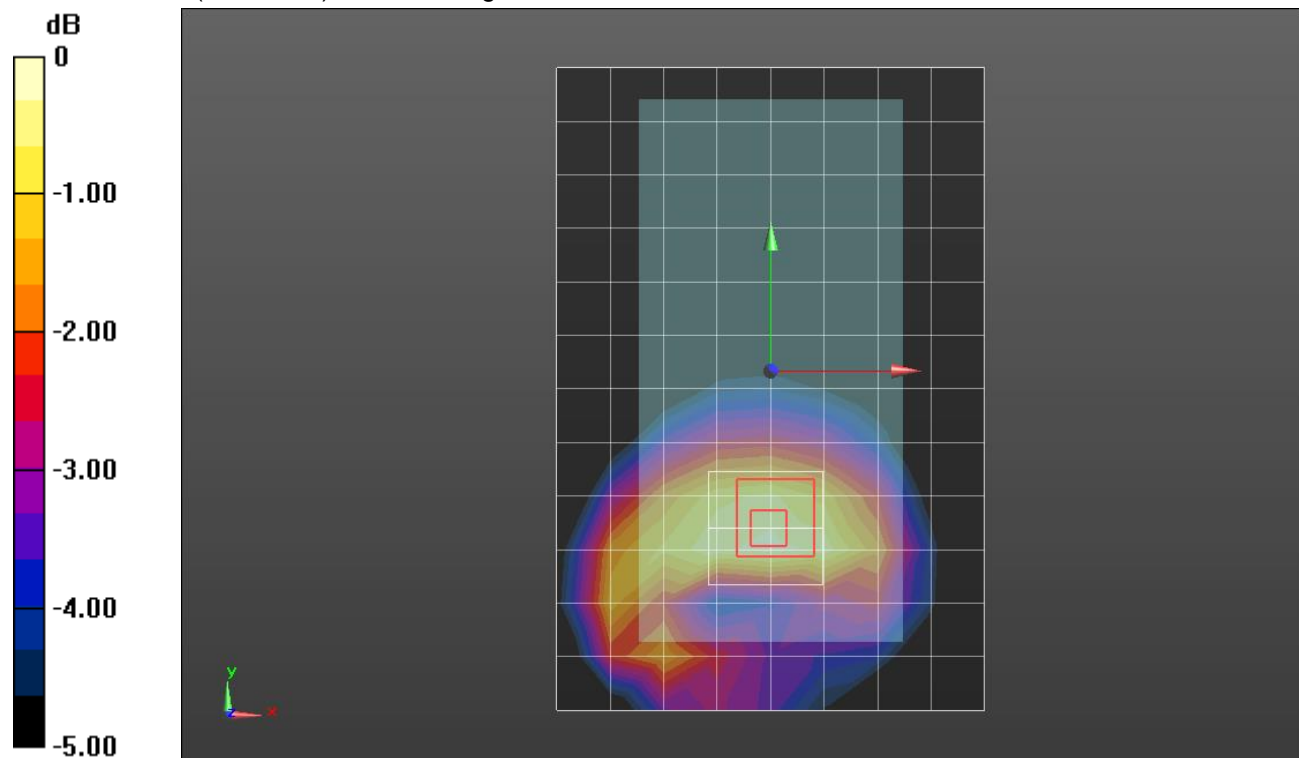
Peak SAR (extrapolated) = 0.343 W/kg

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.177 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 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;  $\sigma = 0.996$  S/m;  $\epsilon_r = 52.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 1/10/2018
- Probe: EX3DV4 - SN3989; ConvF(10.42, 10.42, 10.42); Calibrated: 1/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

**Edge 4/QPSK RB 1,25 Ch 20525/Area Scan (5x12x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.493 W/kg

**Edge 4/QPSK RB 1,25 Ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

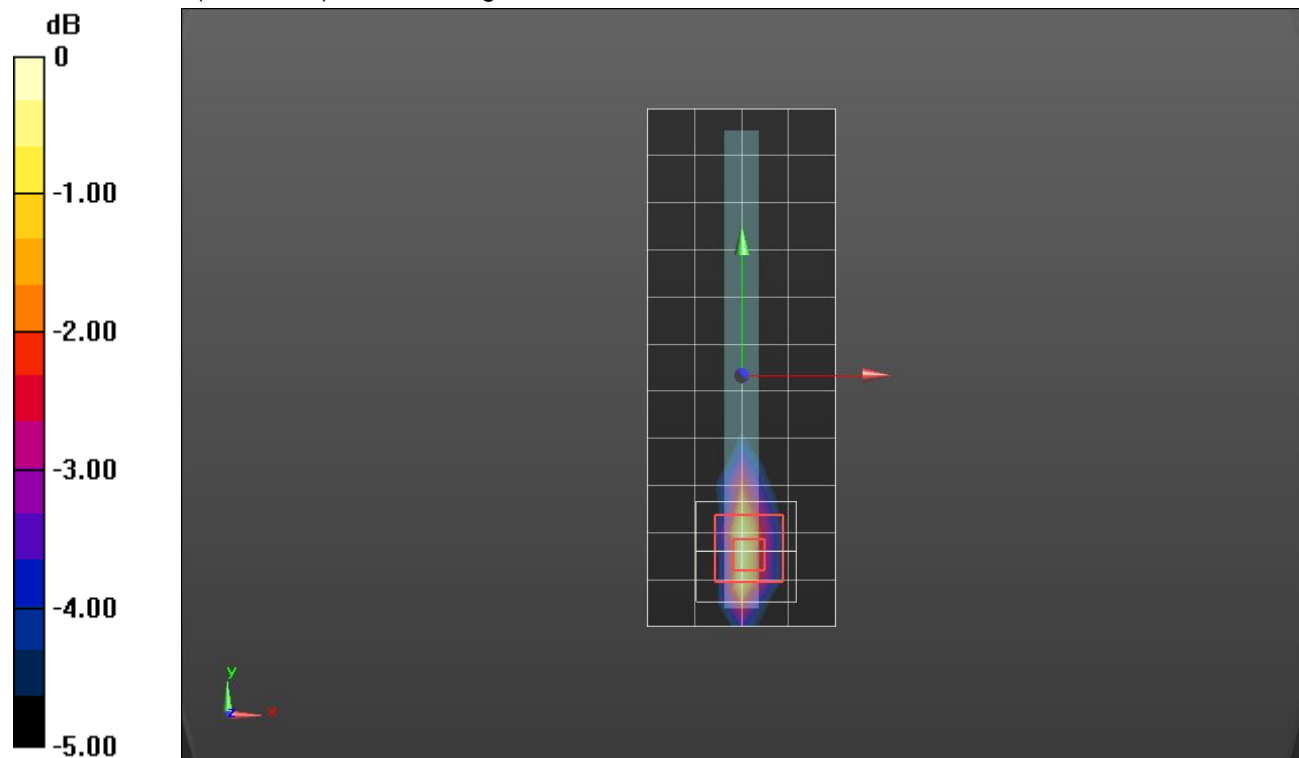
Reference Value = 20.85 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.198 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

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 38.794$ ;  $\rho = 1000 \text{ kg/m}^3$

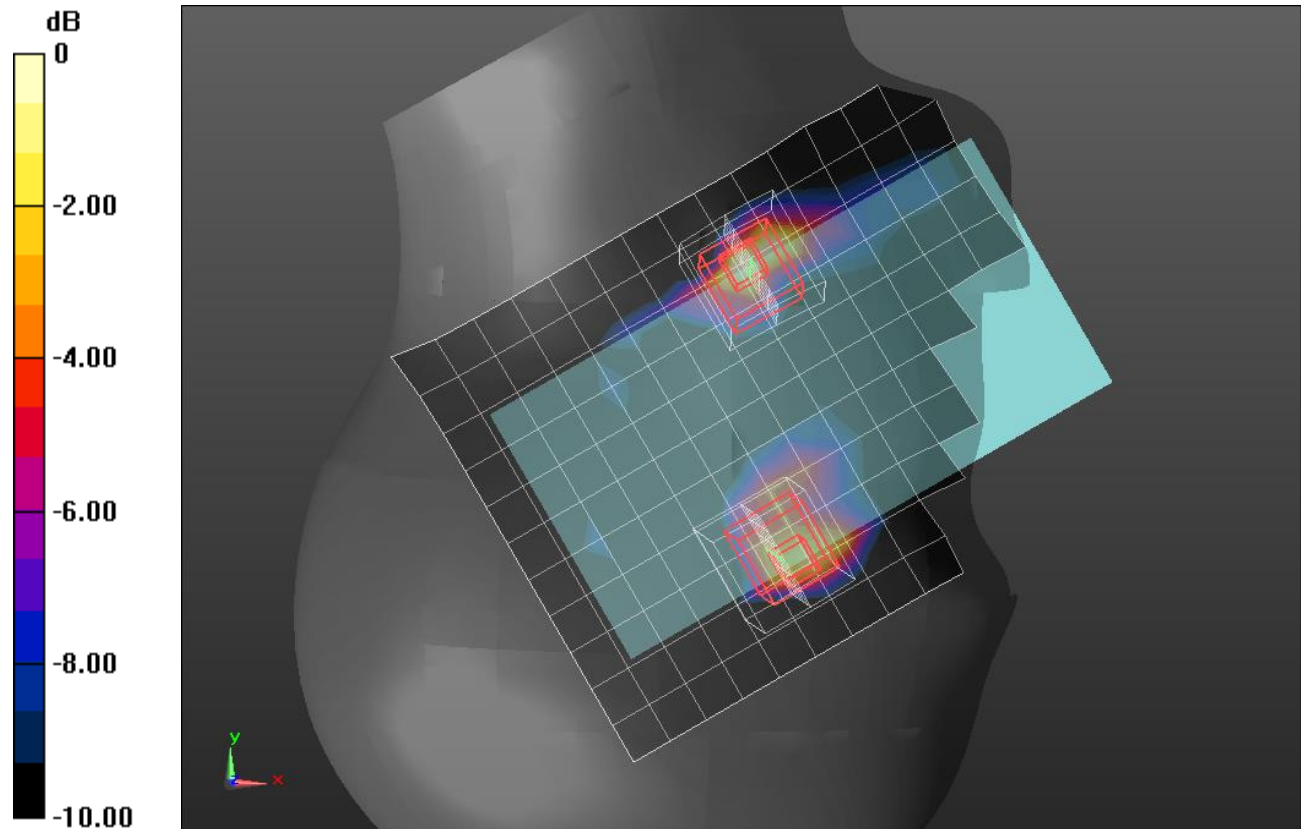
DASY5 Configuration:

- 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 50,0 Ch 21100/Area Scan (12x16x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.138 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.679 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 0.278 W/kg  
**SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.028 W/kg**  
 Maximum value of SAR (measured) = 0.152 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 21100/Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.679 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 0.144 W/kg  
**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.026 W/kg**  
 Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 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:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.116 \text{ S/m}$ ;  $\epsilon_r = 51.409$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**Rear/QPSK RB 1,0 Ch 21100/15mm/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0789 W/kg

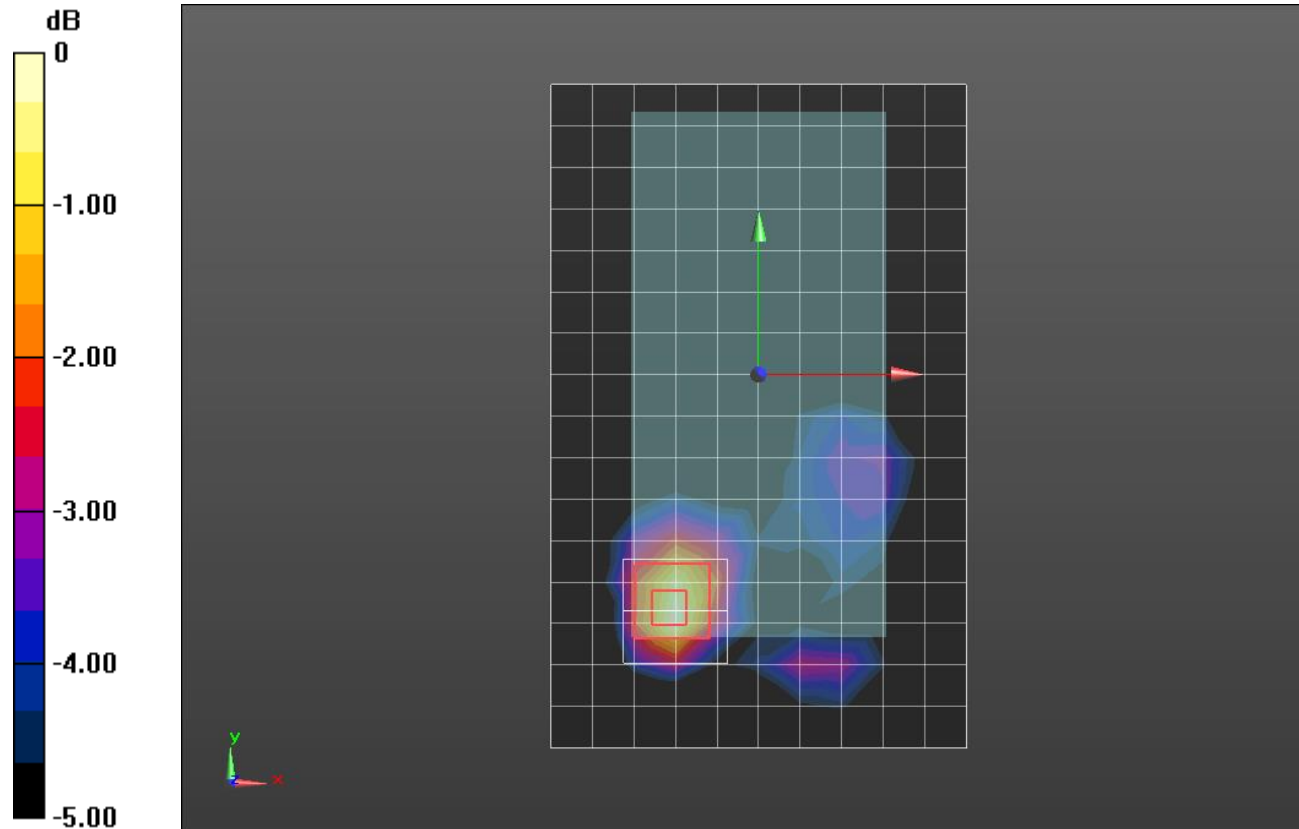
**Rear/QPSK RB 1,0 Ch 21100/15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.034 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0790 W/kg



0 dB = 0.0790 W/kg = -11.02 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:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.116 \text{ S/m}$ ;  $\epsilon_r = 51.409$ ;  $\rho = 1000 \text{ kg/m}^3$

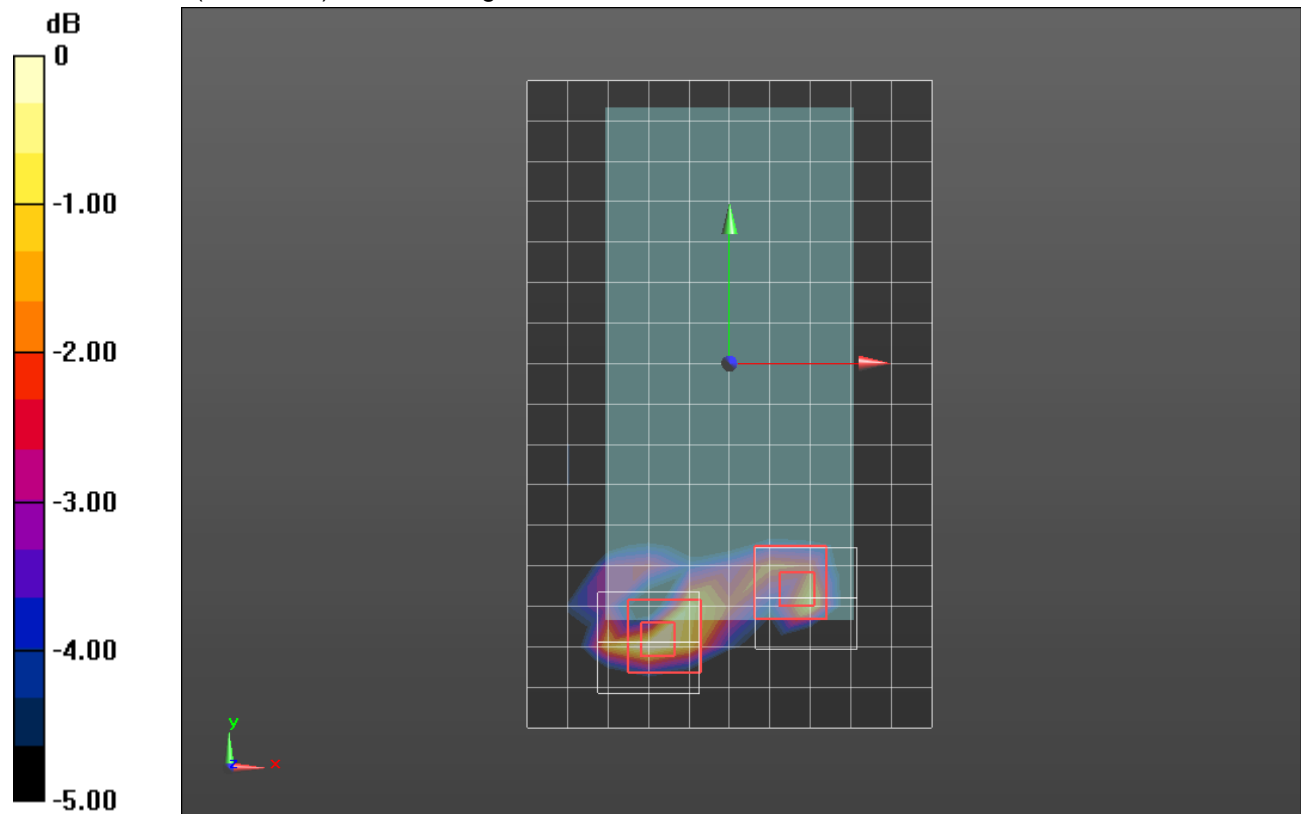
DASY5 Configuration:

- 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 1,0 Ch 21100/10mm/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.173 W/kg

**Front/QPSK RB 1,0 Ch 21100/10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.488 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.239 W/kg  
**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.049 W/kg**  
 Maximum value of SAR (measured) = 0.182 W/kg

**Front/QPSK RB 1,0 Ch 21100/10mm/Zoom Scan 2 (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.488 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.208 W/kg  
**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.041 W/kg**  
 Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.161 W/kg = -7.93 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;  $\sigma = 0.885$  S/m;  $\epsilon_r = 41.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.31, 10.31, 10.31); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: TWIN SAM B v5.0; Type: QD000P40CD; Serial: TP:1829

**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) = 0.0780 W/kg

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

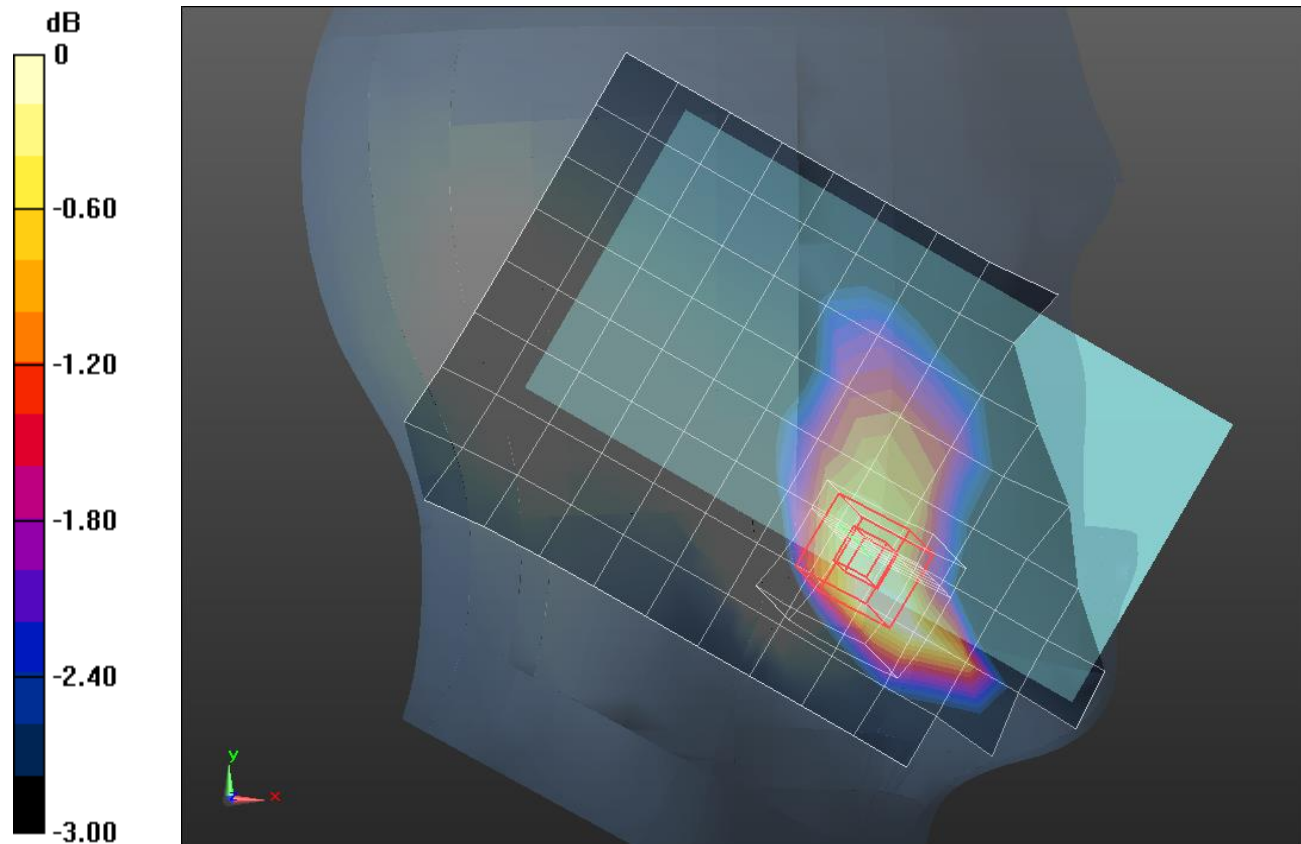
Reference Value = 9.072 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0910 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.044 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0786 W/kg



0 dB = 0.0786 W/kg = -11.05 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;  $\sigma = 0.89$  S/m;  $\epsilon_r = 54.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.35, 10.35, 10.35); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: 1257

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

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.170 W/kg

**Front/QPSK RB 1,49 Ch 23095 15mm/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

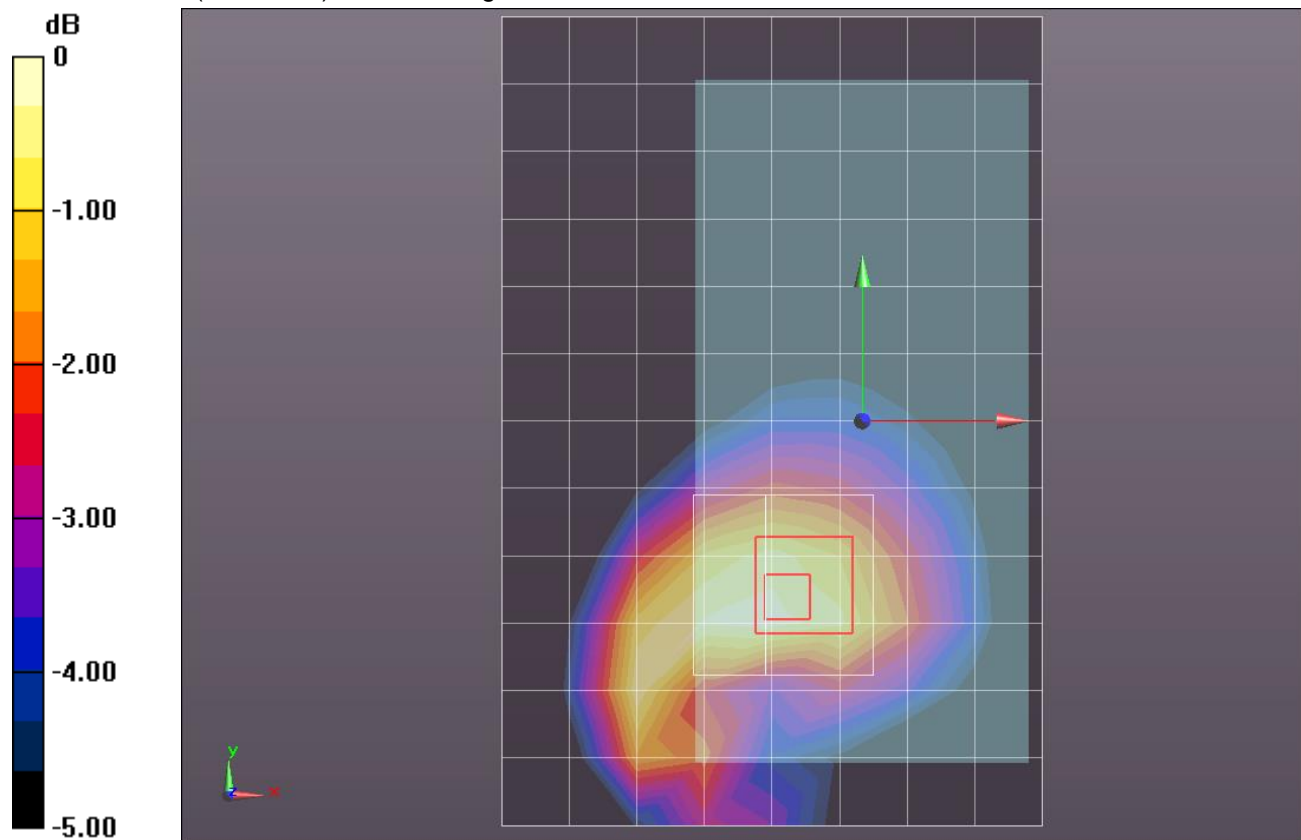
Reference Value = 12.84 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.104 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 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;  $\sigma = 0.89$  S/m;  $\epsilon_r = 54.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.35, 10.35, 10.35); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: 1257

**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) = 0.306 W/kg

**Front/QPSK RB 1,49 Ch 23095 10mm/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

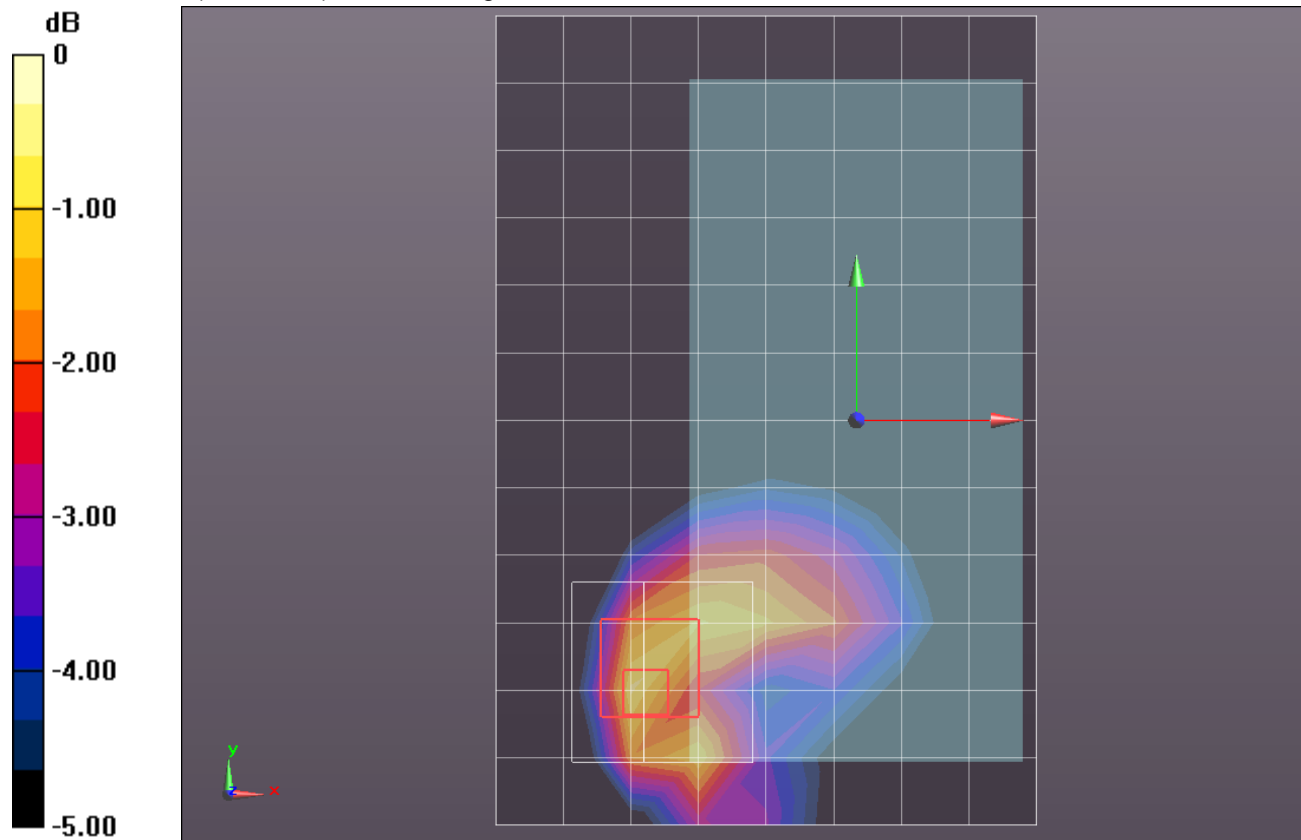
Reference Value = 17.88 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.423 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.142 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 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):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.953 \text{ S/m}$ ;  $\epsilon_r = 40.301$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.31, 10.31, 10.31); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: TWIN SAM B v5.0; Type: QD000P40CD; Serial: TP:1829

**LHS/Touch\_QPSK RB 1,0 Ch 23230/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.182 W/kg

**LHS/Touch\_QPSK RB 1,0 Ch 23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

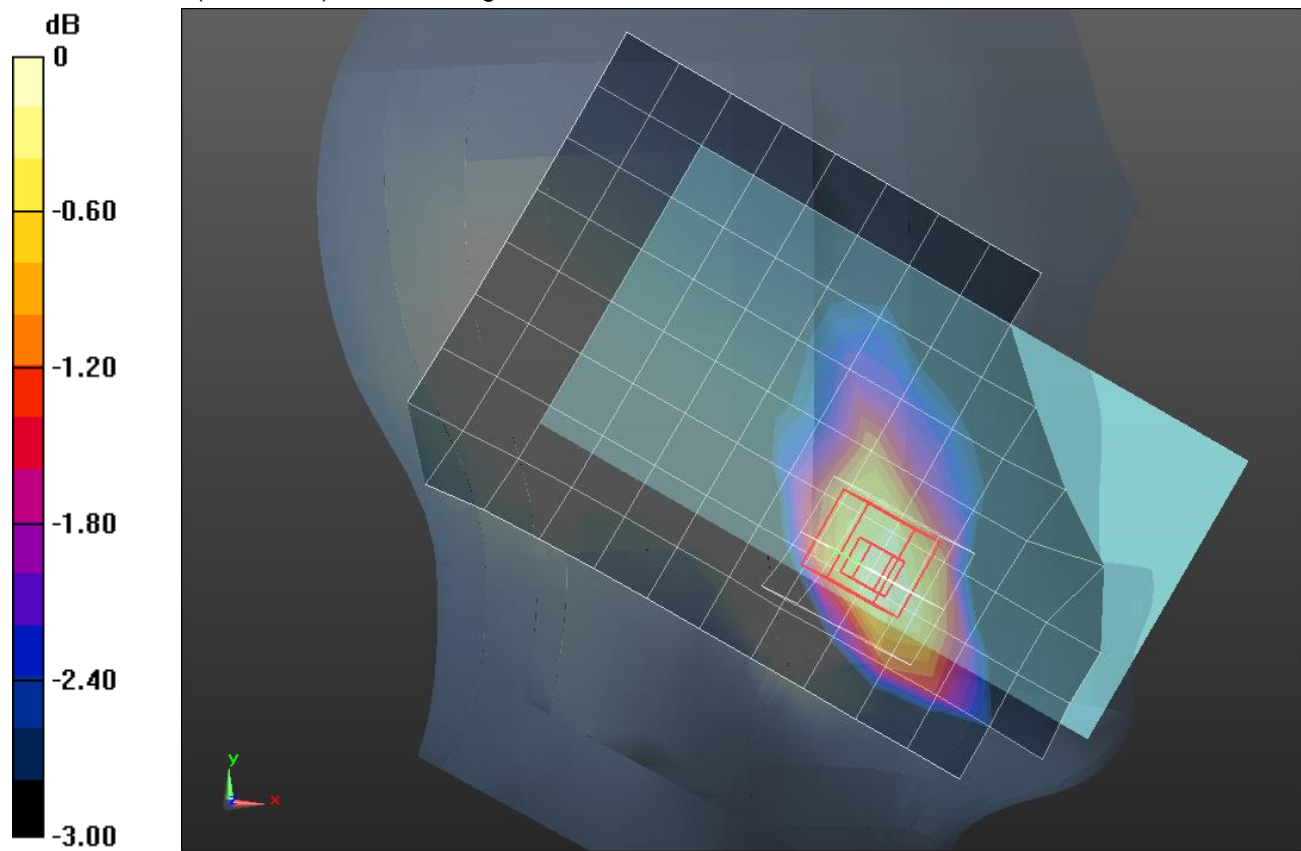
Reference Value = 13.39 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.217 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.116 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -7.17 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):  $f = 782 \text{ MHz}$ ;  $\sigma = 1.04 \text{ S/m}$ ;  $\epsilon_r = 54.601$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.35, 10.35, 10.35); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: 1257

#### Rear/QPSK RB 1,0 Ch 23230 15mm/Area Scan (8x13x1):

Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.386 W/kg

#### Rear/QPSK RB 1,0 Ch 23230 15mm/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

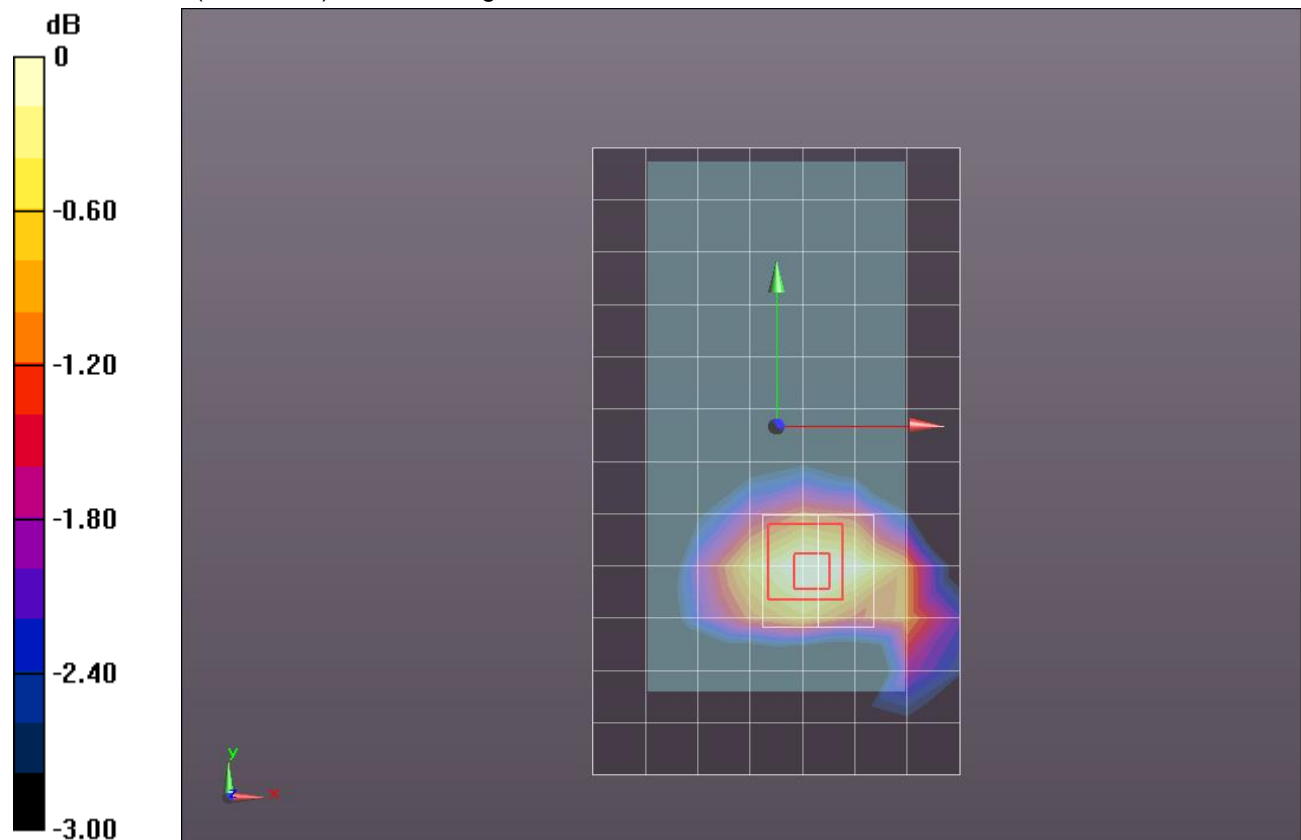
Reference Value = 18.14 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.213 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):  $f = 782 \text{ MHz}$ ;  $\sigma = 1.04 \text{ S/m}$ ;  $\epsilon_r = 54.601$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/8/2017
- Probe: EX3DV4 - SN7335; ConvF(10.35, 10.35, 10.35); Calibrated: 3/16/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA002AA; Serial: 1257

**Rear/QPSK RB 1,0 Ch 23230 10mm/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.513 W/kg

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

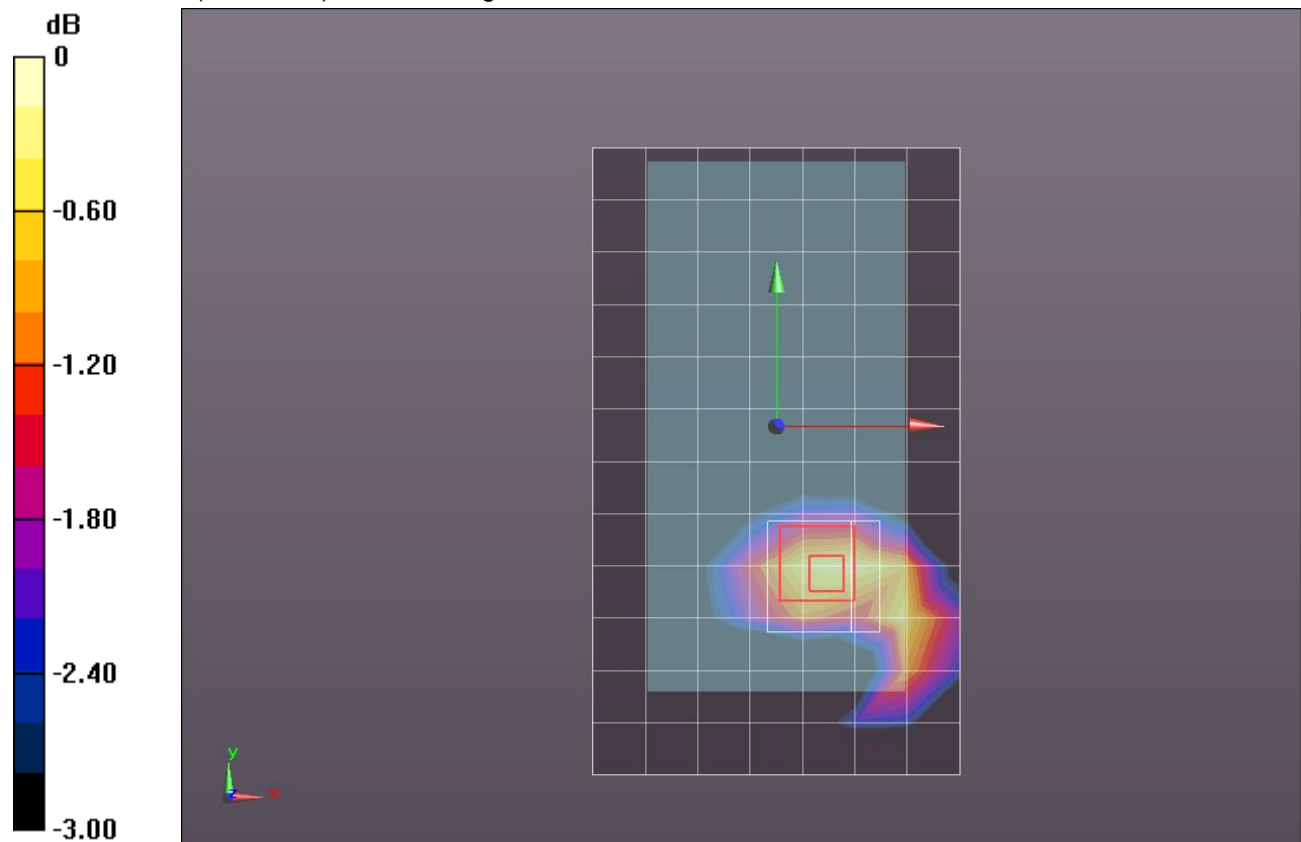
Reference Value = 21.90 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.297 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



## 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):  $f = 2593 \text{ MHz}$ ;  $\sigma = 1.908 \text{ S/m}$ ;  $\epsilon_r = 38.584$ ;  $\rho = 1000 \text{ kg/m}^3$

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 50,0 Ch 40620/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0535 W/kg

**RHS/Touch\_QPSK RB 50,0 Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

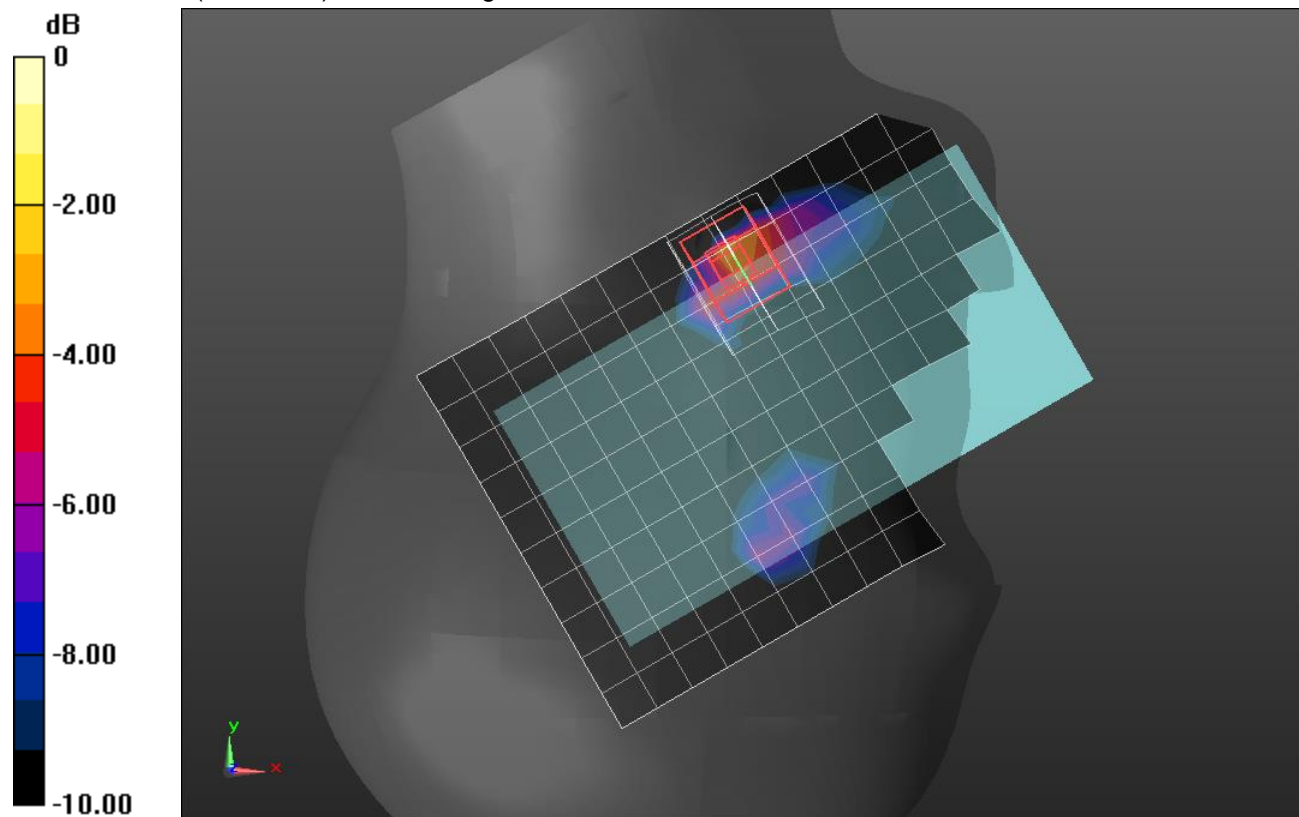
Reference Value = 6.157 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.018 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 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;  $\sigma = 2.187$  S/m;  $\epsilon_r = 51.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 DASYS 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

**Rear/QPSK RB 1,0\_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) = 0.0589 W/kg

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

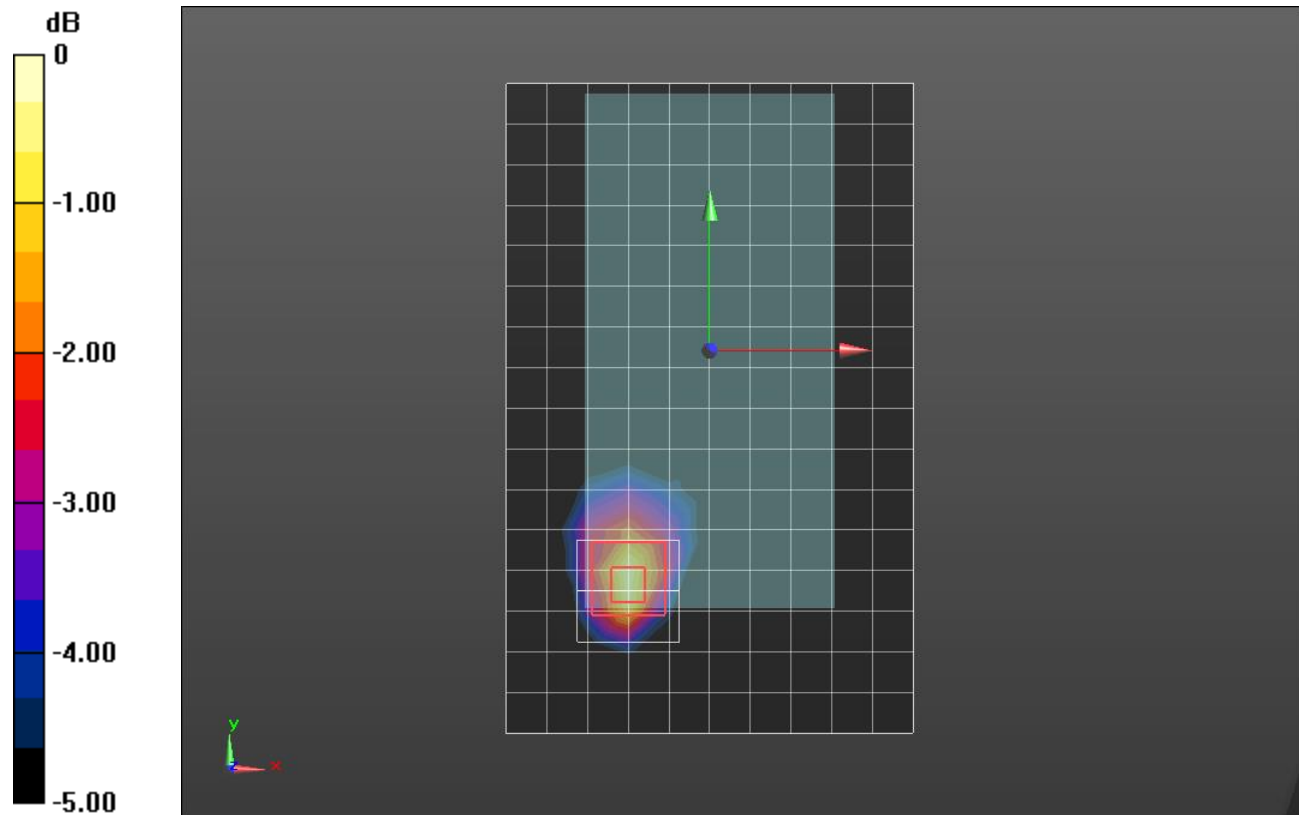
Reference Value = 4.804 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0780 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.018 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0632 W/kg



0 dB = 0.0632 W/kg = -11.99 dBW/kg

## LTE Band 41

Frequency: 2593 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 2593$  MHz;  $\sigma = 2.187$  S/m;  $\epsilon_r = 51.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Rear/QPSK RB 50,0\_10mm Ch 40620/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0999 W/kg

**Rear/QPSK RB 50,0\_10mm Ch 40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

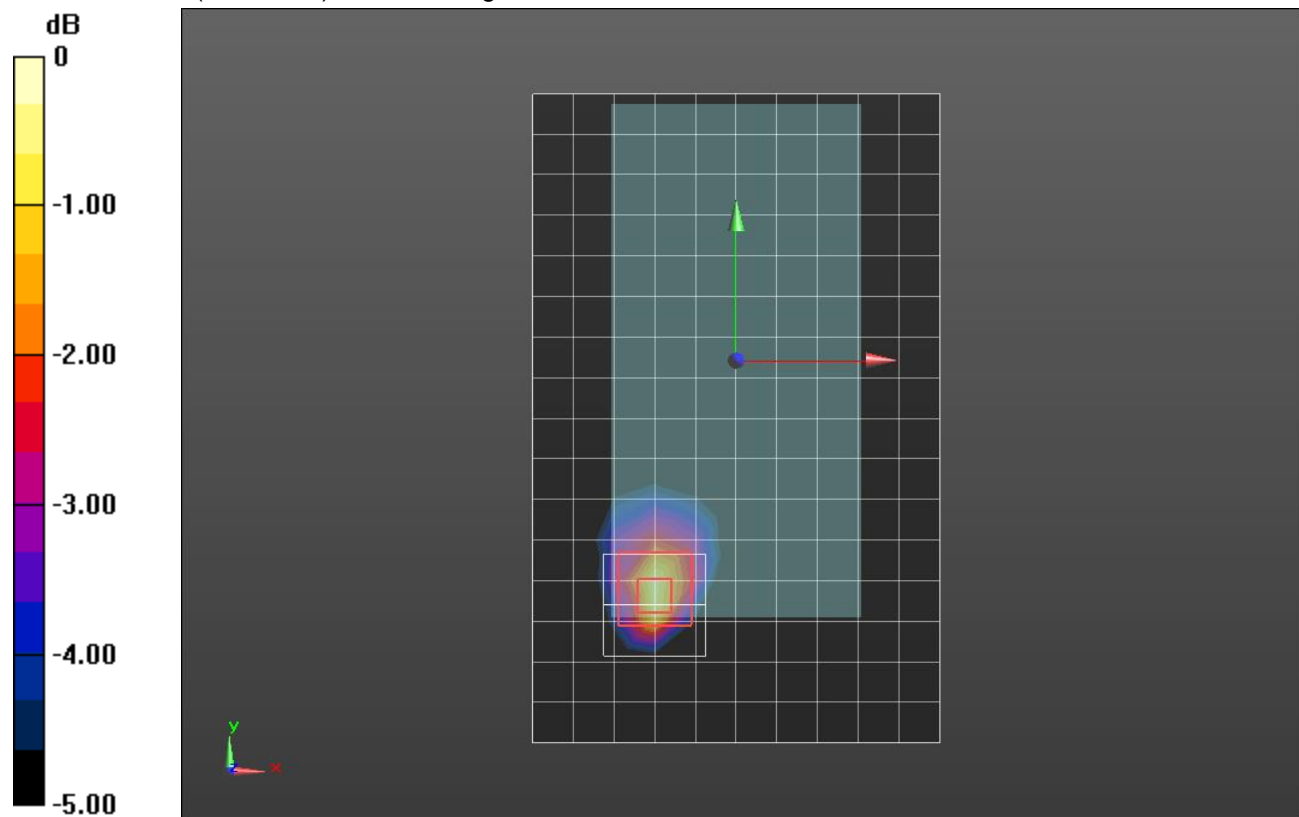
Reference Value = 6.279 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.031 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 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):  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.855 \text{ S/m}$ ;  $\epsilon_r = 51.798$ ;  $\rho = 1000 \text{ kg/m}^3$

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) = 0.0408 W/kg

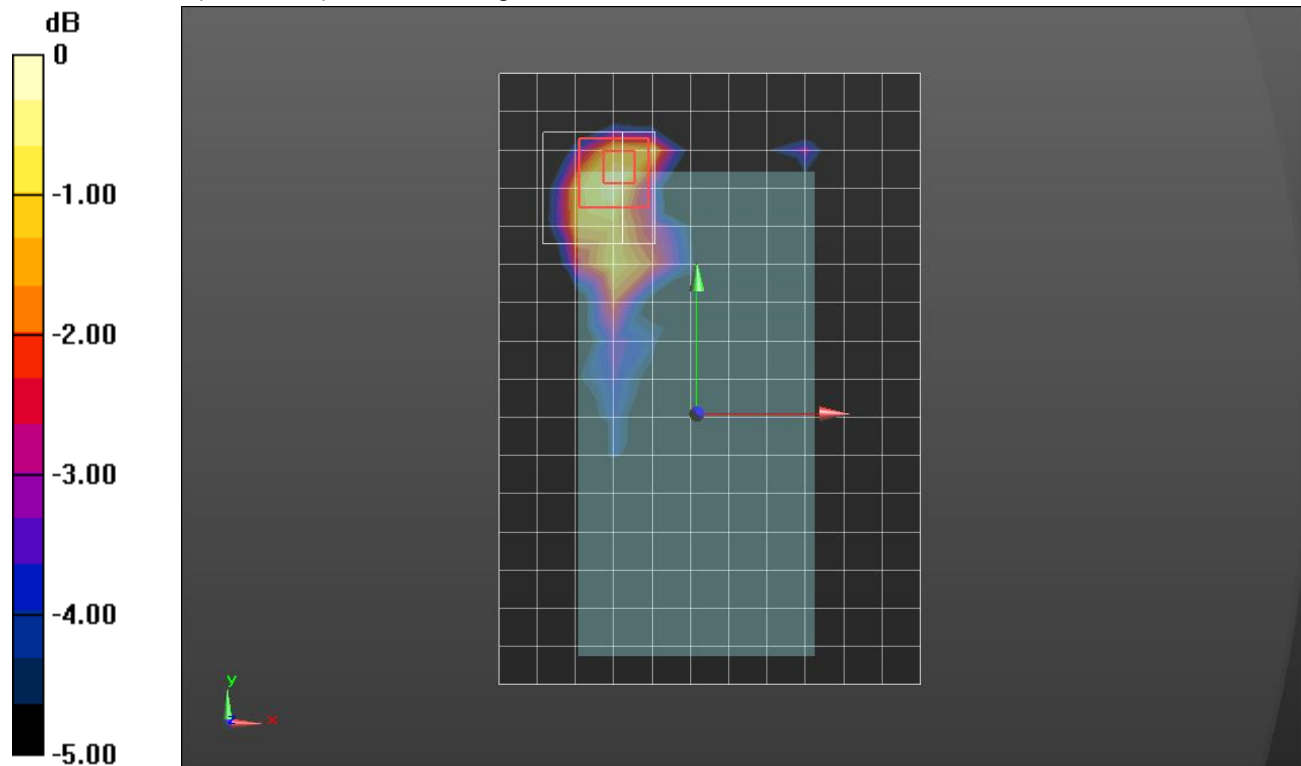
**Front/802.11b\_ch 6\_10mm\_Chain 0/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.624 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.0650 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.014 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0446 W/kg



0 dB = 0.0446 W/kg = -13.51 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;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (11x16x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.368 W/kg

**RHS/Touch\_802.11b\_ch 6\_Chain 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

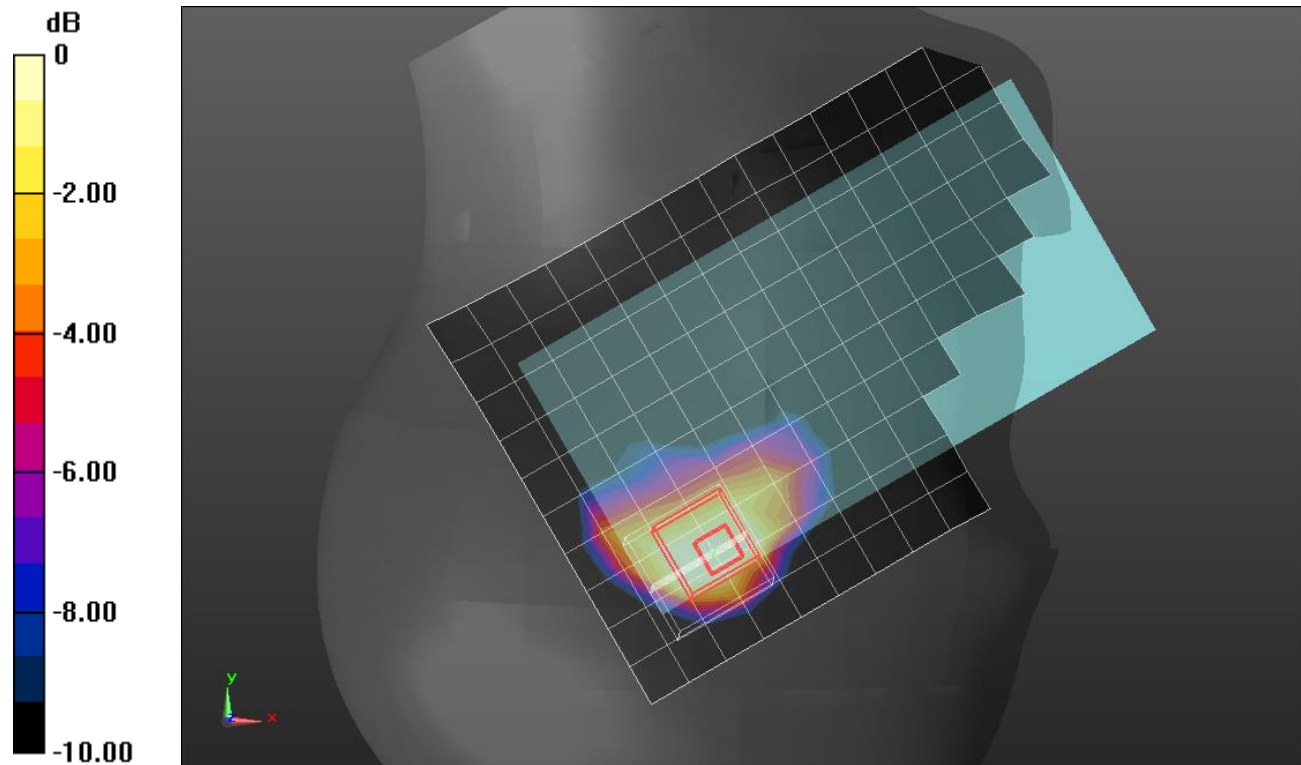
Reference Value = 12.682 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.106 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 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):  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.855 \text{ S/m}$ ;  $\epsilon_r = 51.798$ ;  $\rho = 1000 \text{ kg/m}^3$

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), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

**Front/802.11b\_ch 6\_15mm\_Chain 1/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0183 W/kg

**Front/802.11b\_ch 6\_15mm\_Chain 1/Zoom Scan (8x13x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

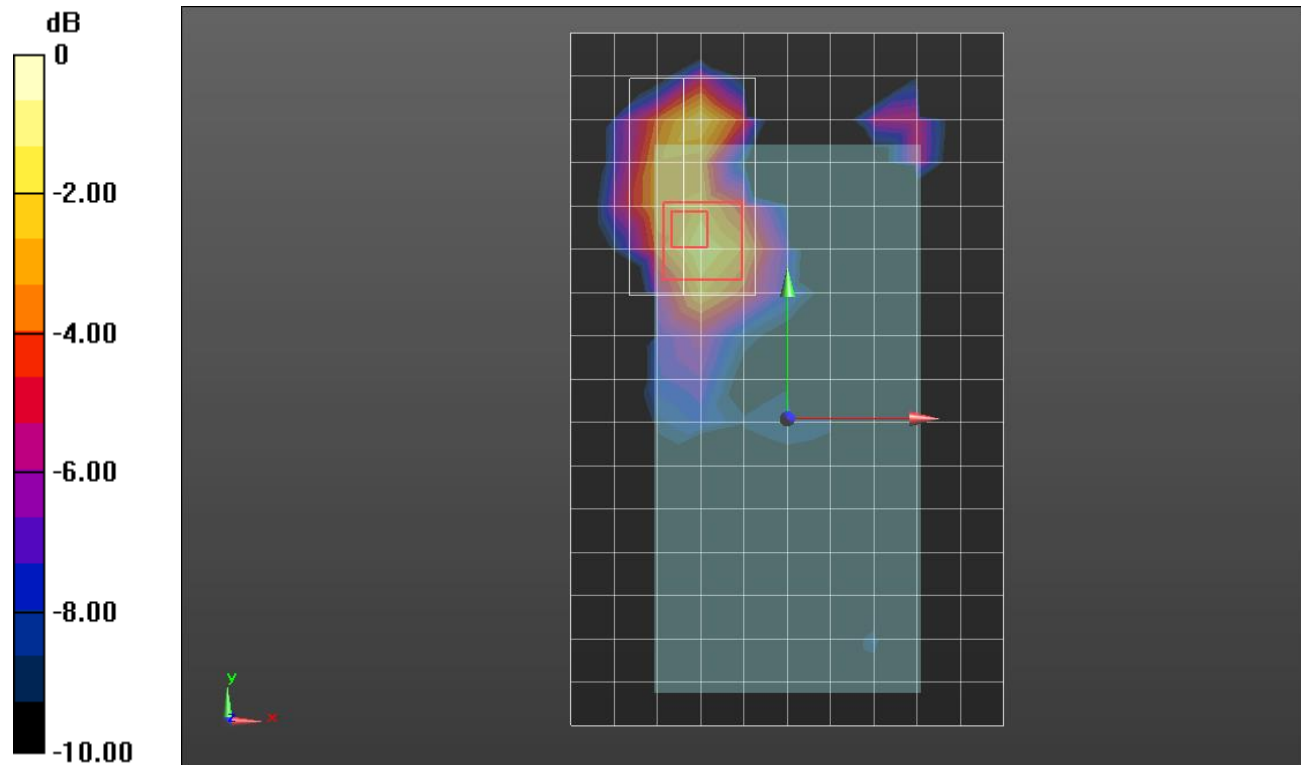
Reference Value = 3.063 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00596 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0234 W/kg



0 dB = 0.0234 W/kg = -16.31 dBW/kg

## Wi-Fi 5.3GHz Head

Frequency: 5310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 4.601 \text{ S/m}$ ;  $\epsilon_r = 35.284$ ;  $\rho = 1000 \text{ kg/m}^3$

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(5.35, 5.35, 5.35); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

**RHS/Touch\_802.11n HT40\_Ch 62\_Chain 0/Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.398 W/kg

**RHS/Touch\_802.11n HT40\_Ch 62\_Chain 0/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

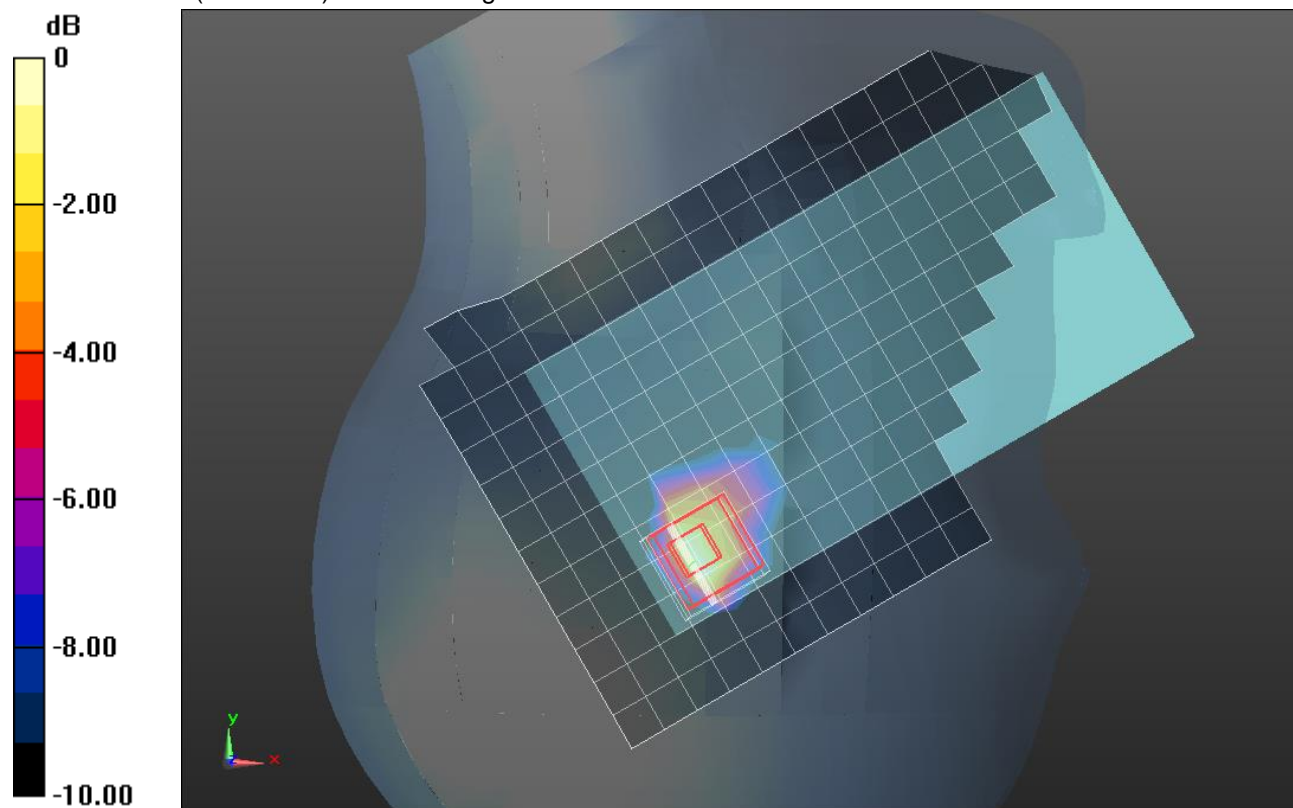
dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.473 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.729 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417 W/kg = -3.80 dBW/kg

### Wi-Fi 5GHz 5.3GHz FCC

Frequency: 5310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 5.293 \text{ S/m}$ ;  $\epsilon_r = 47.728$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**Rear/802.11n HT40\_Ch 62\_Chain 0\_15mm/Area Scan (13x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.175 W/kg

**Rear/802.11n HT40\_Ch 62\_Chain 0\_15mm/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

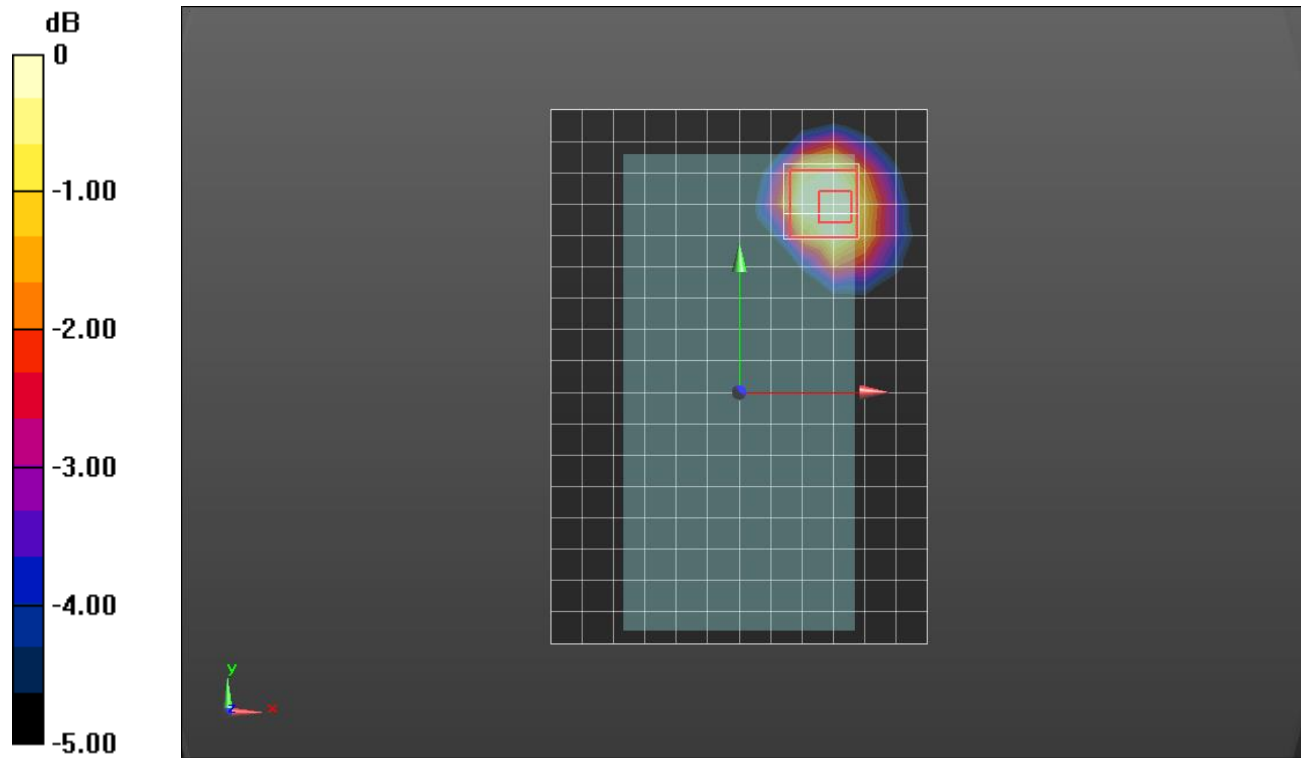
dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.675 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.149 W/kg



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



### Wi-Fi 5GHz 5.3GHz FCC

Frequency: 5310 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5310 \text{ MHz}$ ;  $\sigma = 5.293 \text{ S/m}$ ;  $\epsilon_r = 47.728$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**Rear/802.11n HT40\_Ch 62\_Chain 0\_0mm/Area Scan (13x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.625 W/kg

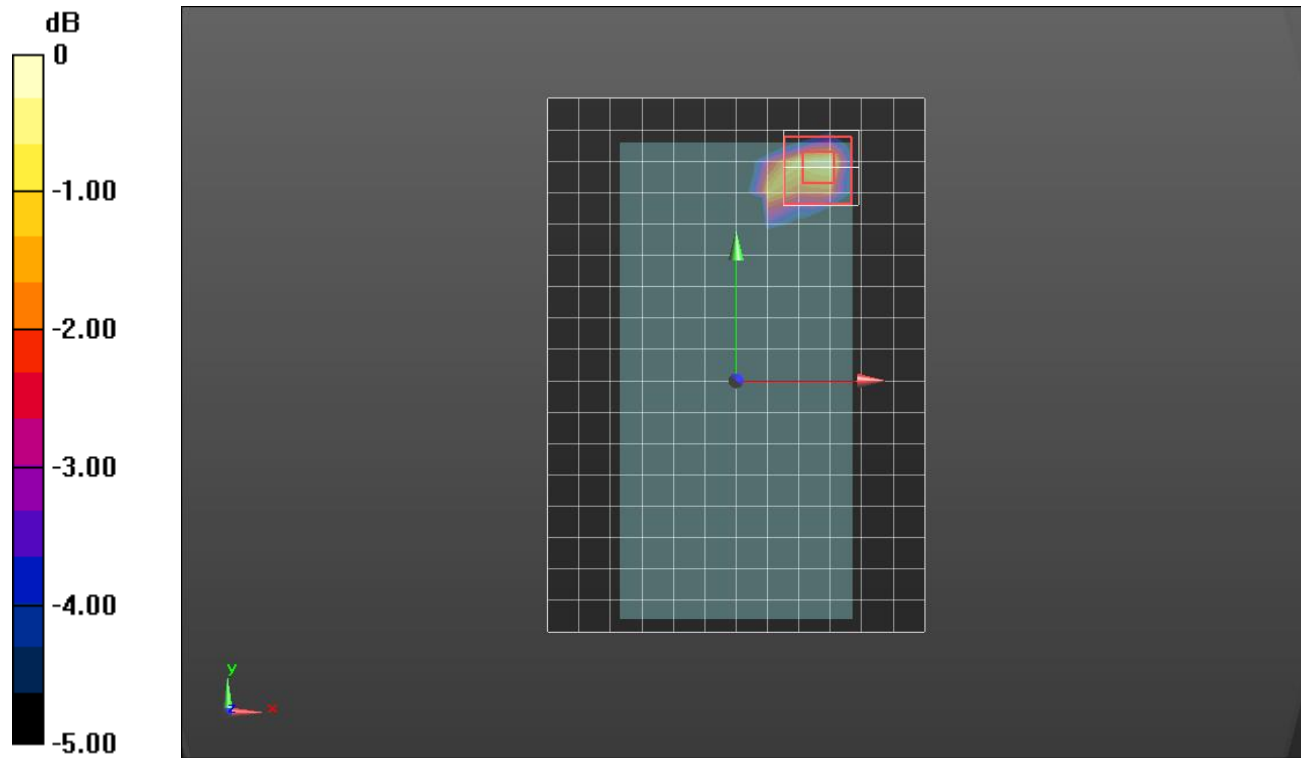
**Rear/802.11n HT40\_Ch 62\_Chain 0\_0mm/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.095 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.089 W/kg**

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

## Wi-Fi 5.6GHz Head

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.848 \text{ S/m}$ ;  $\epsilon_r = 34.944$ ;  $\rho = 1000 \text{ kg/m}^3$

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(4.92, 4.92, 4.92); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

**RHS/Touch\_802.11a\_Ch 100\_Chain 0/Area Scan (11x19x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.201 W/kg

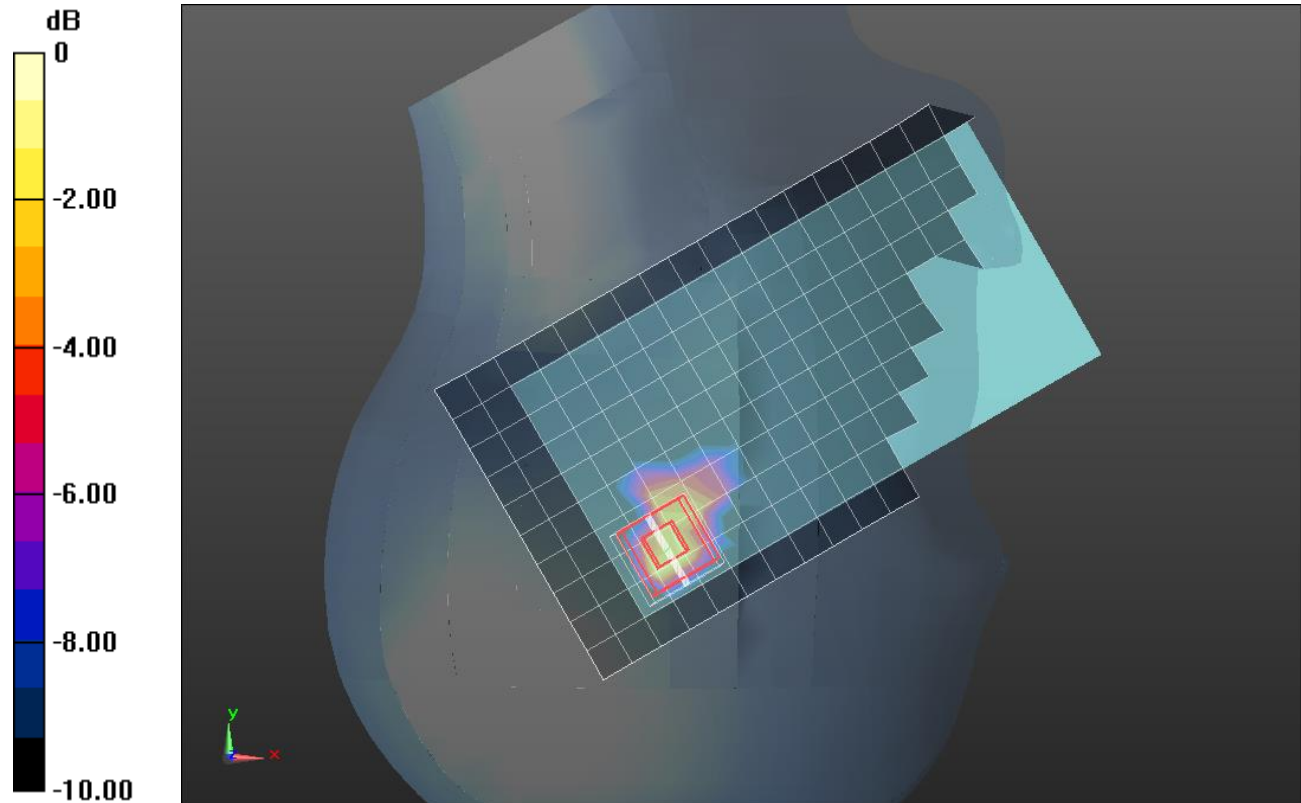
**RHS/Touch\_802.11a\_Ch 100\_Chain 0/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.918 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

## Wi-Fi 5GHz 5.6GHz FCC

Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.586$  S/m;  $\epsilon_r = 47.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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(4.36, 4.36, 4.36); 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

**Rear/802.11a\_Ch 100\_Chain 0\_15mm/Area Scan (13x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0839 W/kg

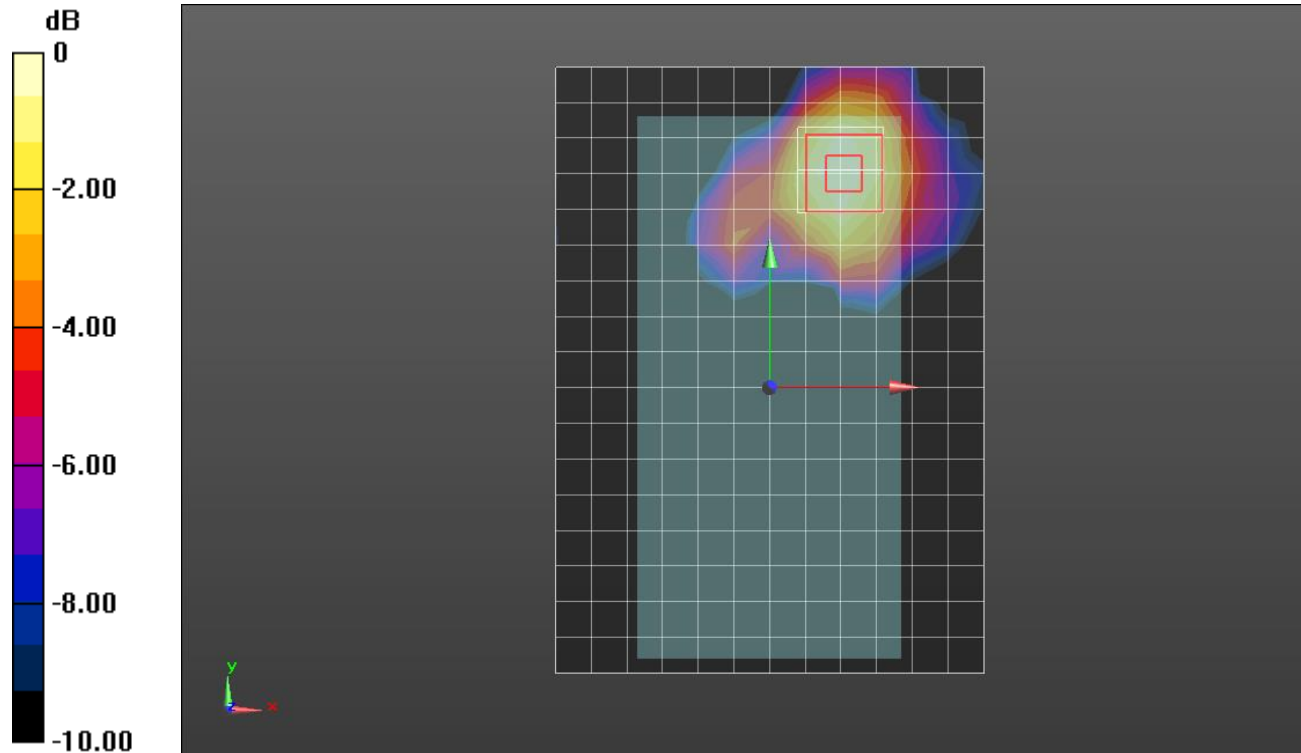
**Rear/802.11a\_Ch 100\_Chain 0\_15mm/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.204 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0817 W/kg



0 dB = 0.0817 W/kg = -10.88 dBW/kg

### Wi-Fi 5GHz 5.6GHz FCC

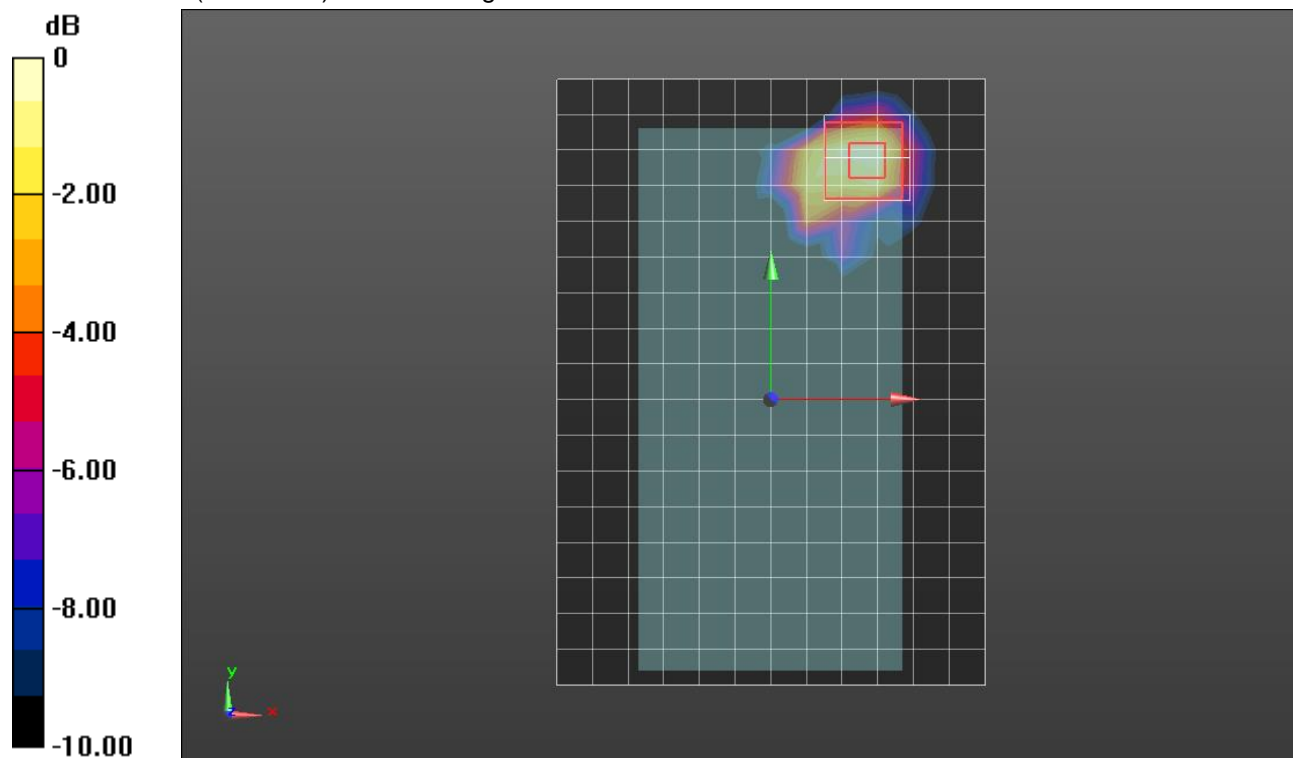
Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.586 \text{ S/m}$ ;  $\epsilon_r = 47.458$ ;  $\rho = 1000 \text{ kg/m}^3$

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(4.36, 4.36, 4.36); 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

**Rear/802.11a\_Ch 100\_Chain 0\_0mm/Area Scan 2 (13x18x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 0.538 W/kg

**Rear/802.11a\_Ch 100\_Chain 0\_0mm/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
 Reference Value = 6.853 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 1.69 W/kg  
**SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.068 W/kg**  
 Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526 W/kg = -2.79 dBW/kg

### Wi-Fi 5GHz 5.8GHz FCC

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 6.128 \text{ S/m}$ ;  $\epsilon_r = 46.749$ ;  $\rho = 1000 \text{ kg/m}^3$

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(4.76, 4.76, 4.76); 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/802.11ac\_Ch 155\_Chain 0\_15mm/Area Scan (12x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0594 W/kg

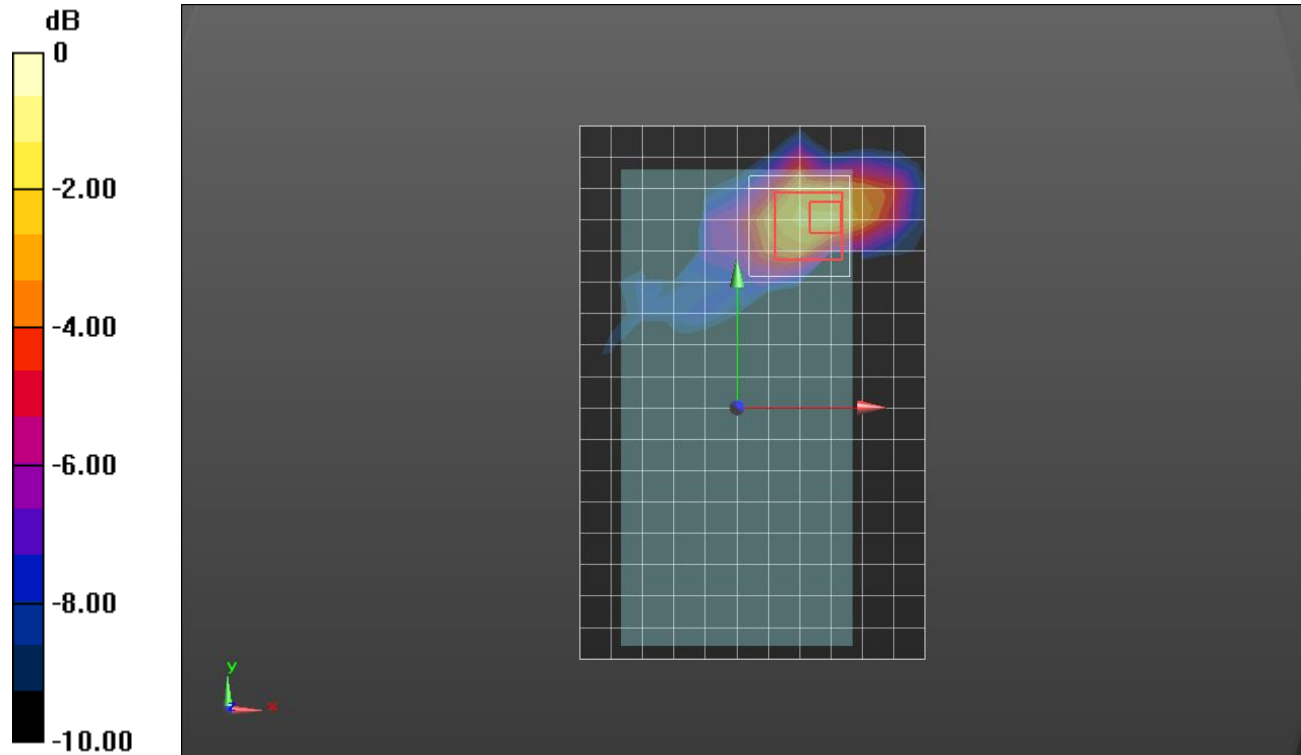
**Rear/802.11ac\_Ch 155\_Chain 0\_15mm/Zoom Scan (9x9x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.803 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.312 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00813 W/kg**

Maximum value of SAR (measured) = 0.0864 W/kg



0 dB = 0.0864 W/kg = -10.63 dBW/kg

## Wi-Fi 5.8GHz Head

Frequency: 5795 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used (interpolated):  $f = 5795 \text{ MHz}$ ;  $\sigma = 5.151 \text{ S/m}$ ;  $\epsilon_r = 34.437$ ;  $\rho = 1000 \text{ kg/m}^3$

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(5.2, 5.2, 5.2); Calibrated: 8/23/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

**RHS/Tilt\_802.11n HT40\_Ch 159\_Chain 1/Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.209 W/kg

**RHS/Tilt\_802.11n HT40\_Ch 159\_Chain 1/Zoom Scan (7x7x12)/Cube 0:** Measurement grid:

dx=4mm, dy=4mm, dz=2mm

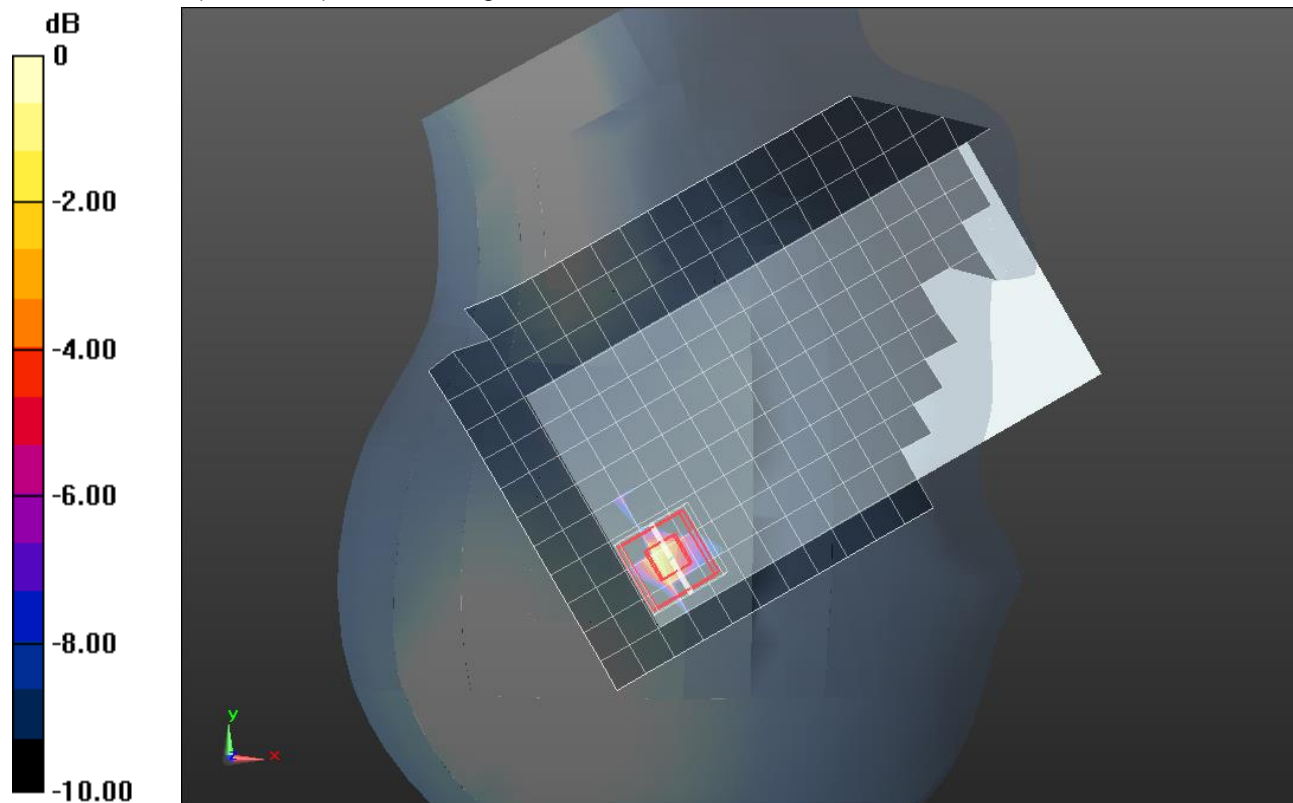
Reference Value = 5.130 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.406 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.014 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

## Wi-Fi 5GHz 5.8GHz FCC

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 6.128 \text{ S/m}$ ;  $\epsilon_r = 46.749$ ;  $\rho = 1000 \text{ kg/m}^3$

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(4.76, 4.76, 4.76); 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/802.11ac\_Ch 155\_Chain 0\_0mm/Area Scan (12x18x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.09 W/kg

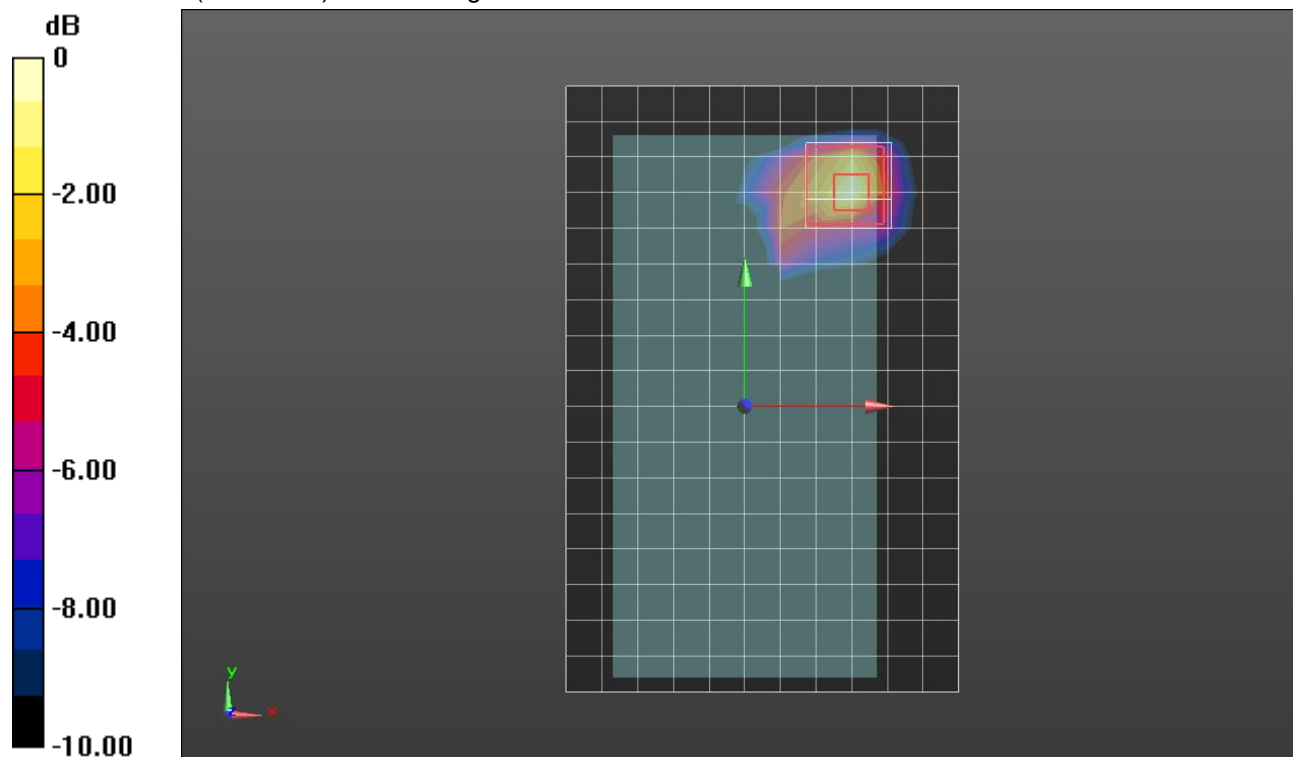
**Rear/802.11ac\_Ch 155\_Chain 0\_0mm/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.71 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 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;  $\epsilon_r = 39.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (10x17x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.212 W/kg

**RHS/GFSK DH5\_Touch\_ch 39\_Chain 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

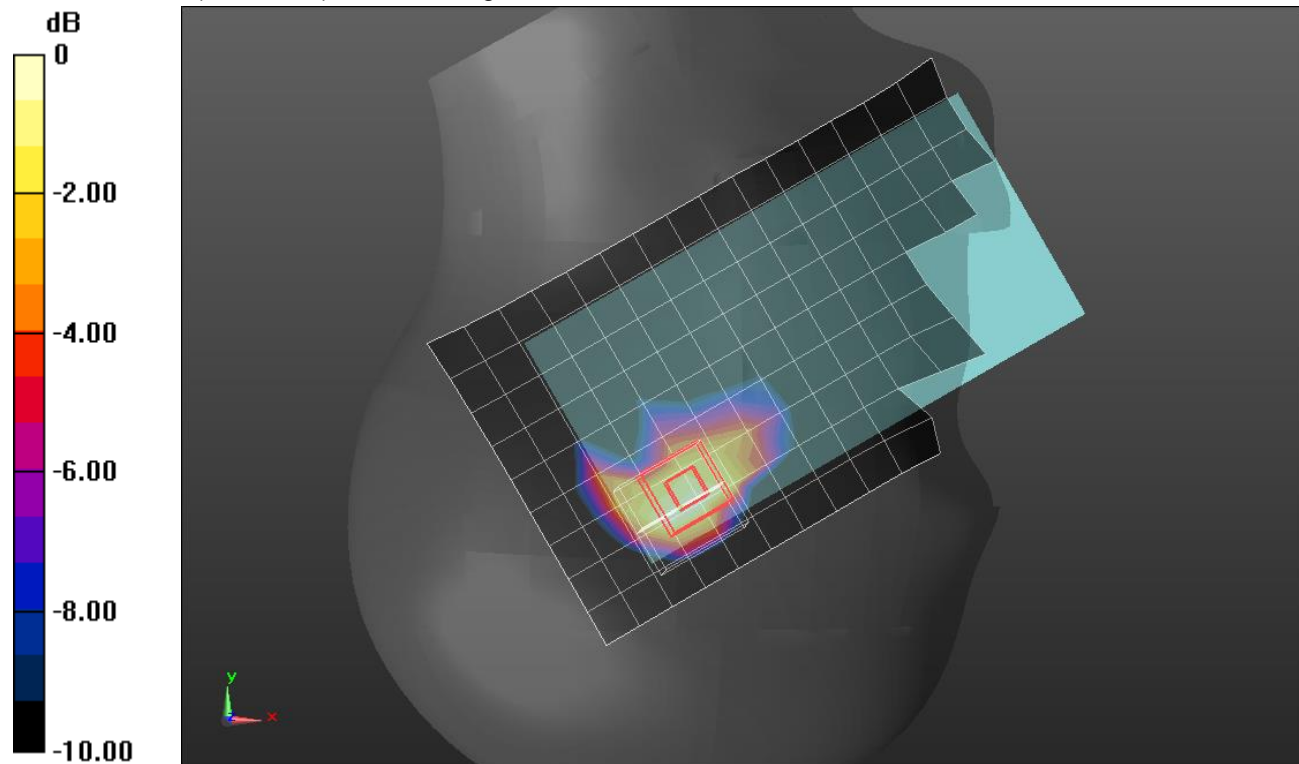
Reference Value = 9.350 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.064 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 0.213 W/kg = -6.72 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;  $\sigma = 1.862$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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) = 0.0147 W/kg

**Front/GFSK DH5\_ch 39\_Chain 0\_15mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

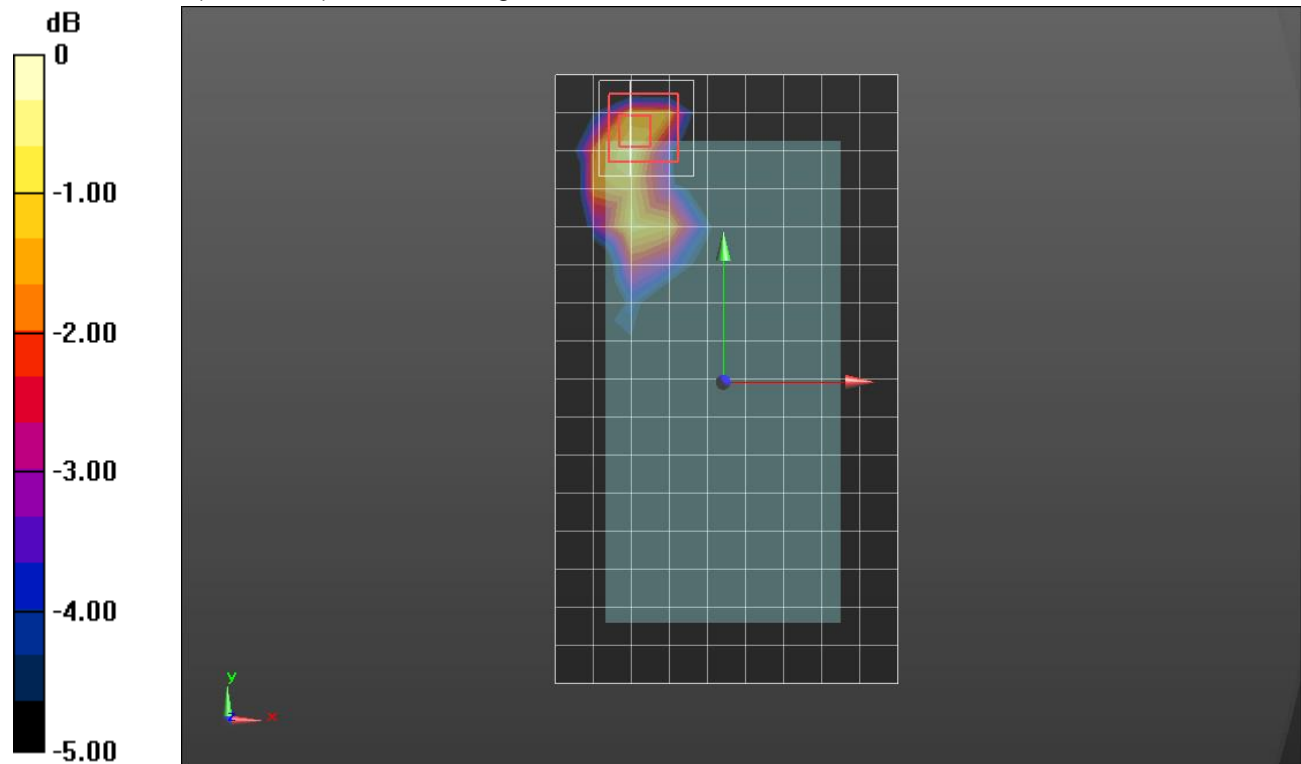
Reference Value = 2.667 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.00988 W/kg; SAR(10 g) = 0.00338 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0166 W/kg



0 dB = 0.0166 W/kg = -17.80 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;  $\sigma = 1.862$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Edge 4/GFSK DH5\_ch 39\_Chain 0\_10mm/Area Scan (8x17x1):** Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0308 W/kg

**Edge 4/GFSK DH5\_ch 39\_Chain 0\_10mm/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.705 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0610 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00752 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0328 W/kg

**Edge 4/GFSK DH5\_ch 39\_Chain 0\_10mm/Zoom Scan 2 (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

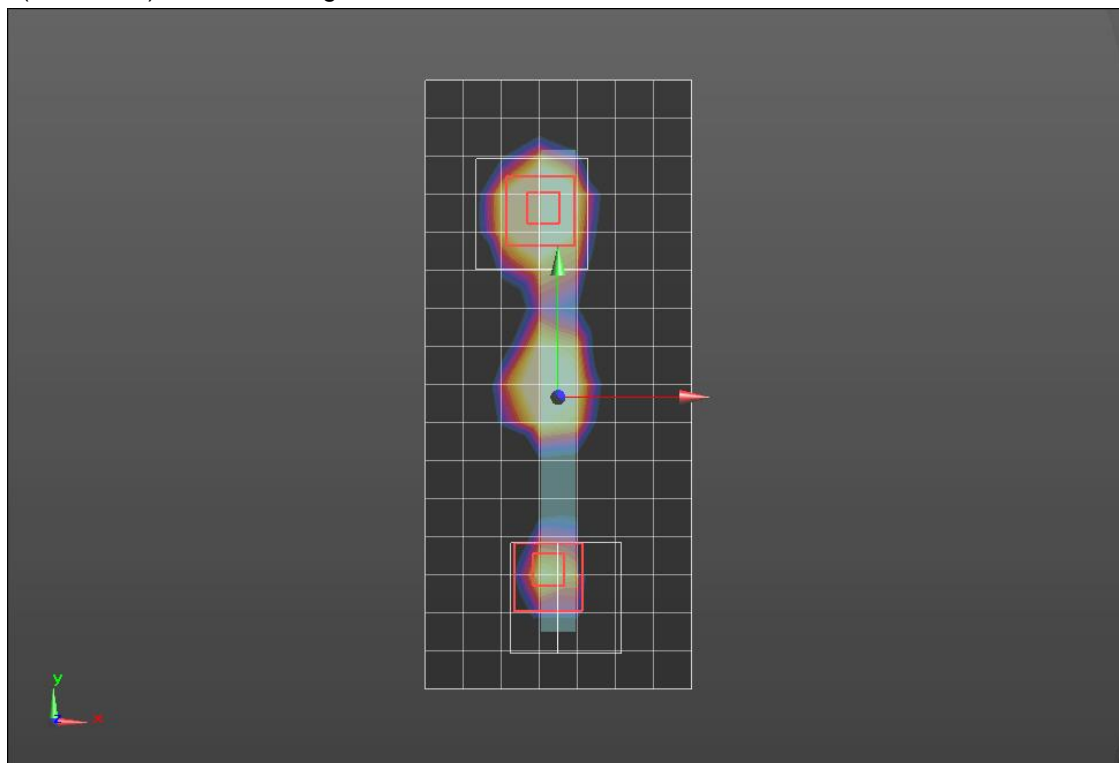
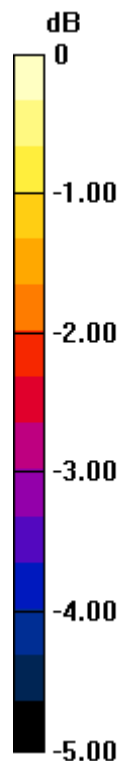
Reference Value = 3.705 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.00682 W/kg; SAR(10 g) = 0.00195 W/kg**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0149 W/kg



0 dB = 0.0149 W/kg = -18.27 dBW/kg