

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.302$ ;  $\rho = 1000$  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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(10.02, 10.02, 10.02); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_GSM Voice\_ch 190/Area Scan (11x18x1):** Measurement grid: dx=15mm, dy=15mm

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

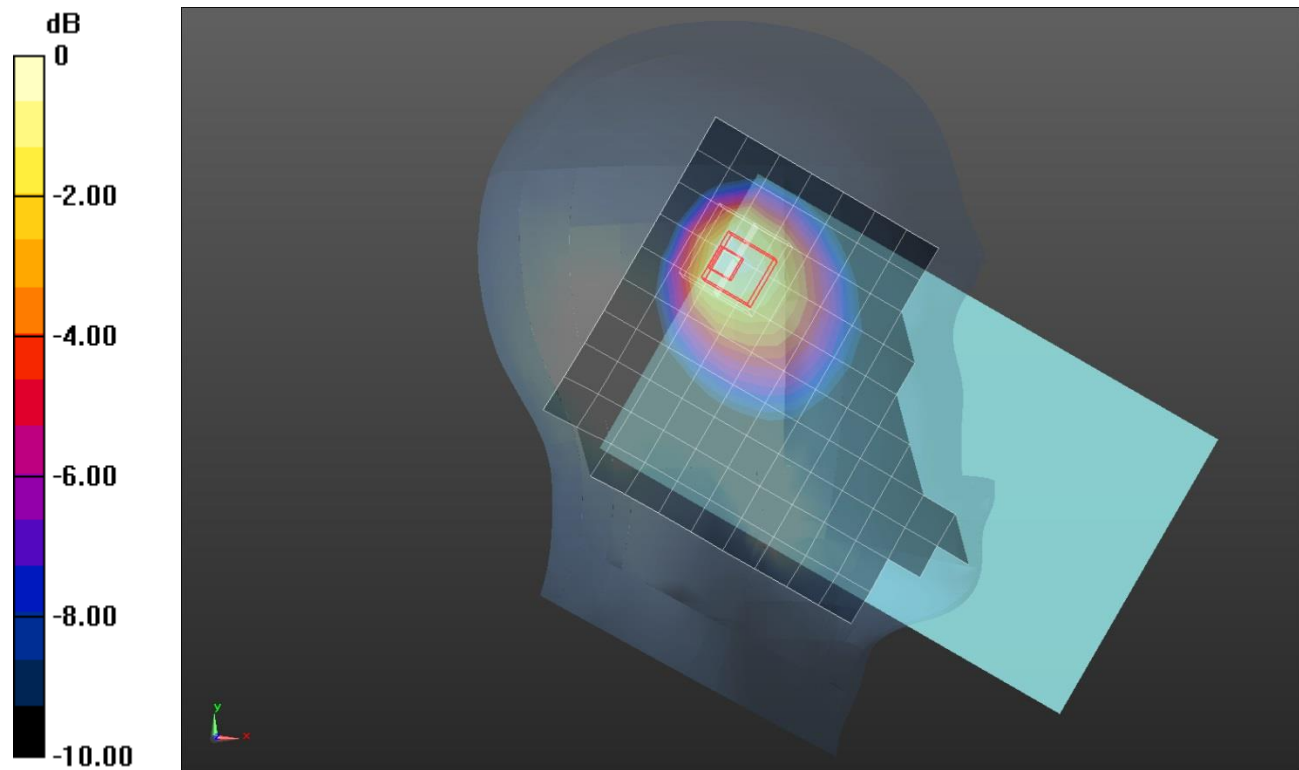
**LHS/Touch\_GSM Voice\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.20 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.537 W/kg**

Maximum value of SAR (measured) = 0.999 W/kg



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

## GSM 850

Frequency: 836.6 MHz; Duty Cycle: 1:2.60016; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.001$  S/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(10.12, 10.12, 10.12); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/GPRS 3 slots\_ch 190/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.685 W/kg

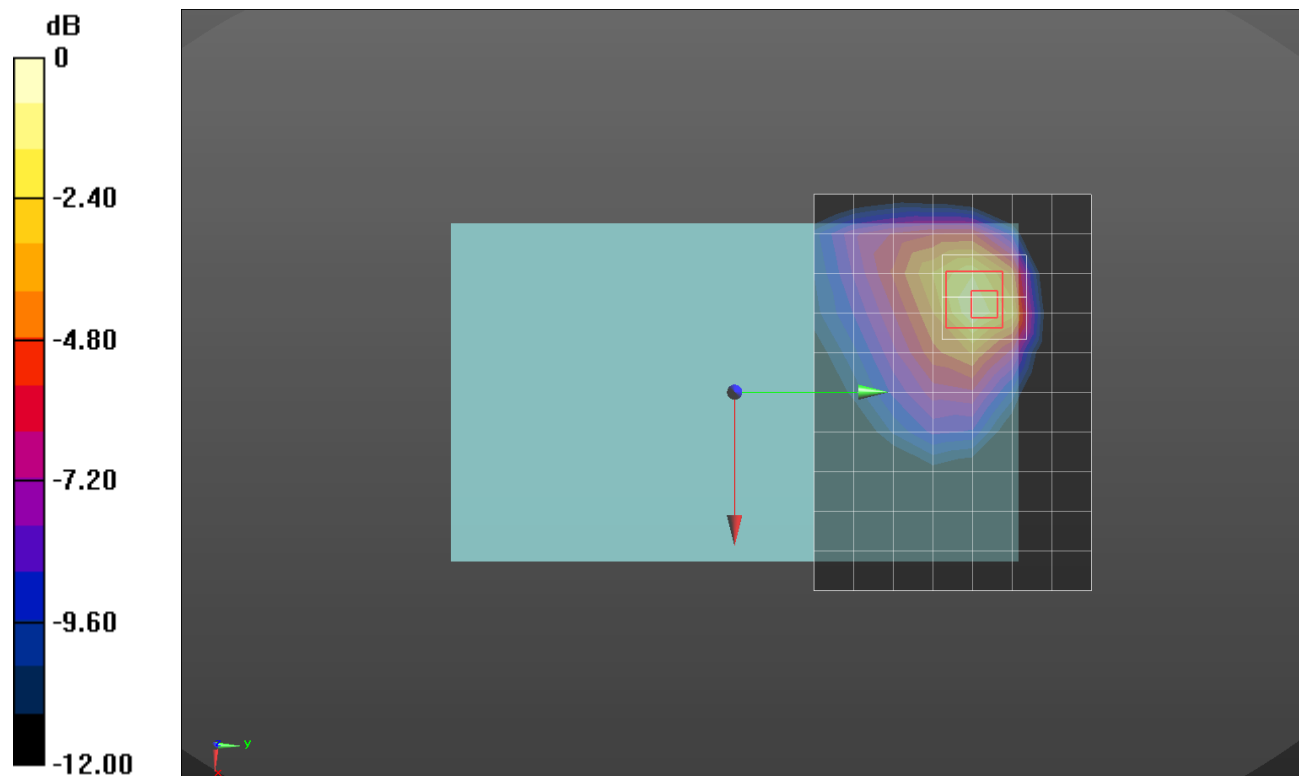
**Rear/GPRS 3 slots\_ch 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.30 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.310 W/kg**

Maximum value of SAR (measured) = 0.804 W/kg



0 dB = 0.804 W/kg = -0.95 dBW/kg

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.401 \text{ S/m}$ ;  $\epsilon_r = 39.024$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(8.41, 8.41, 8.41); Calibrated: 2017-08-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**LHS/Touch\_GSM Voice ch 661/Area Scan (11x18x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.283 W/kg

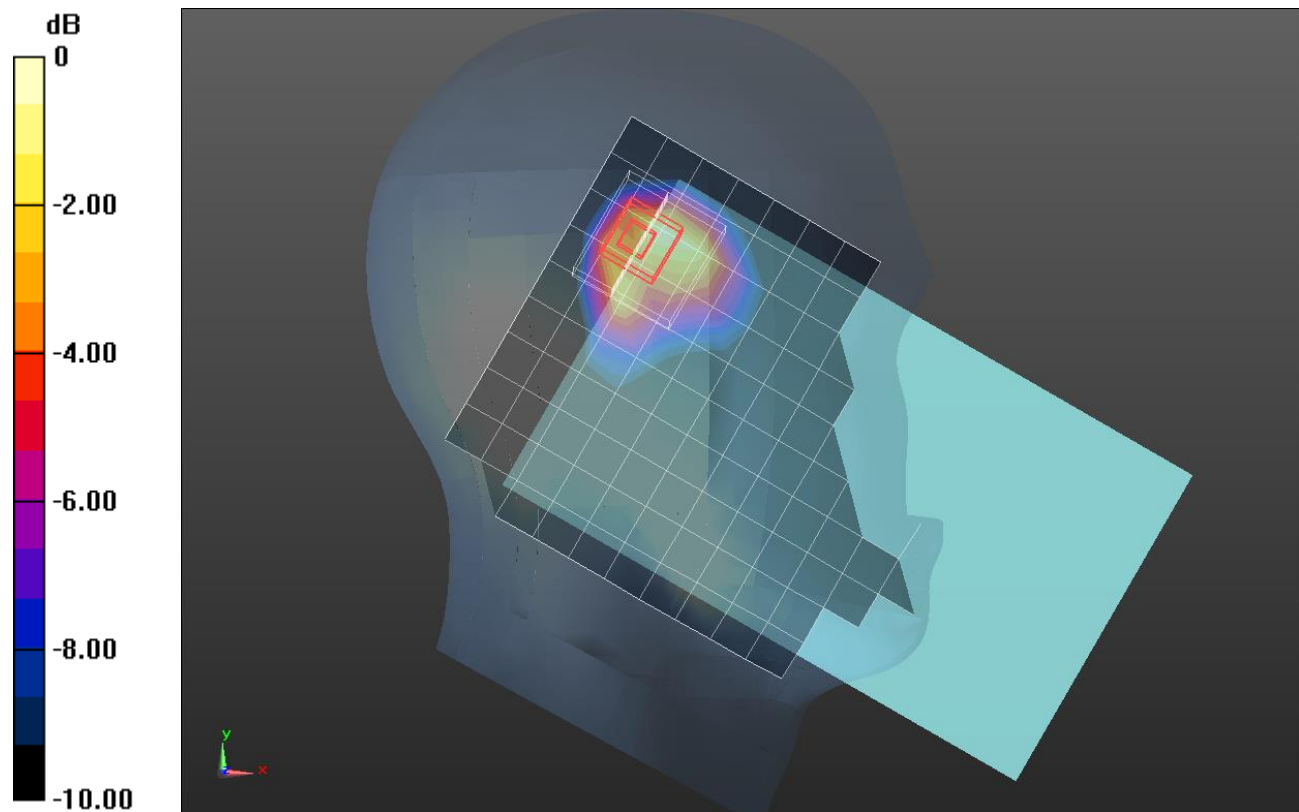
**LHS/Touch\_GSM Voice ch 661/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



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

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:1.99986; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.554 \text{ S/m}$ ;  $\epsilon_r = 54.017$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(8.12, 8.12, 8.12); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Edge 2/GPRS 4 slots\_ch 661/Area Scan (5x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.297 W/kg

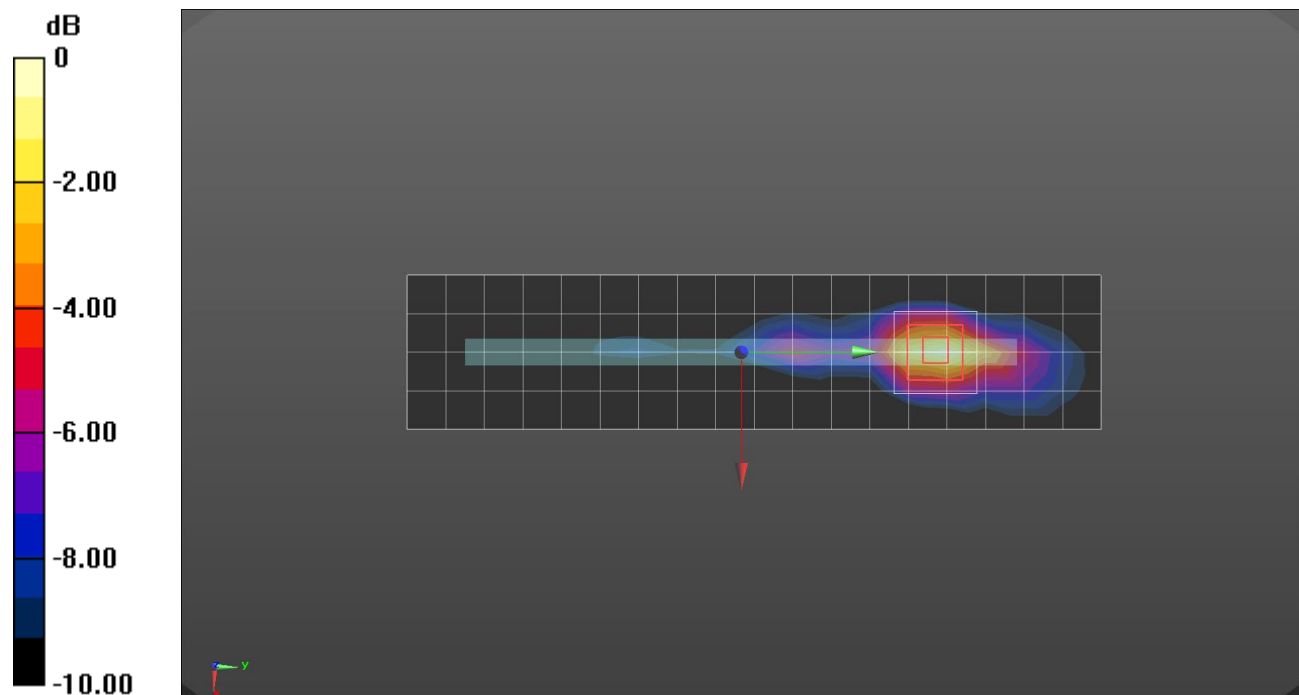
**Edge 2/GPRS 4 slots\_ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.304 W/kg



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

## W-CDMA Band II

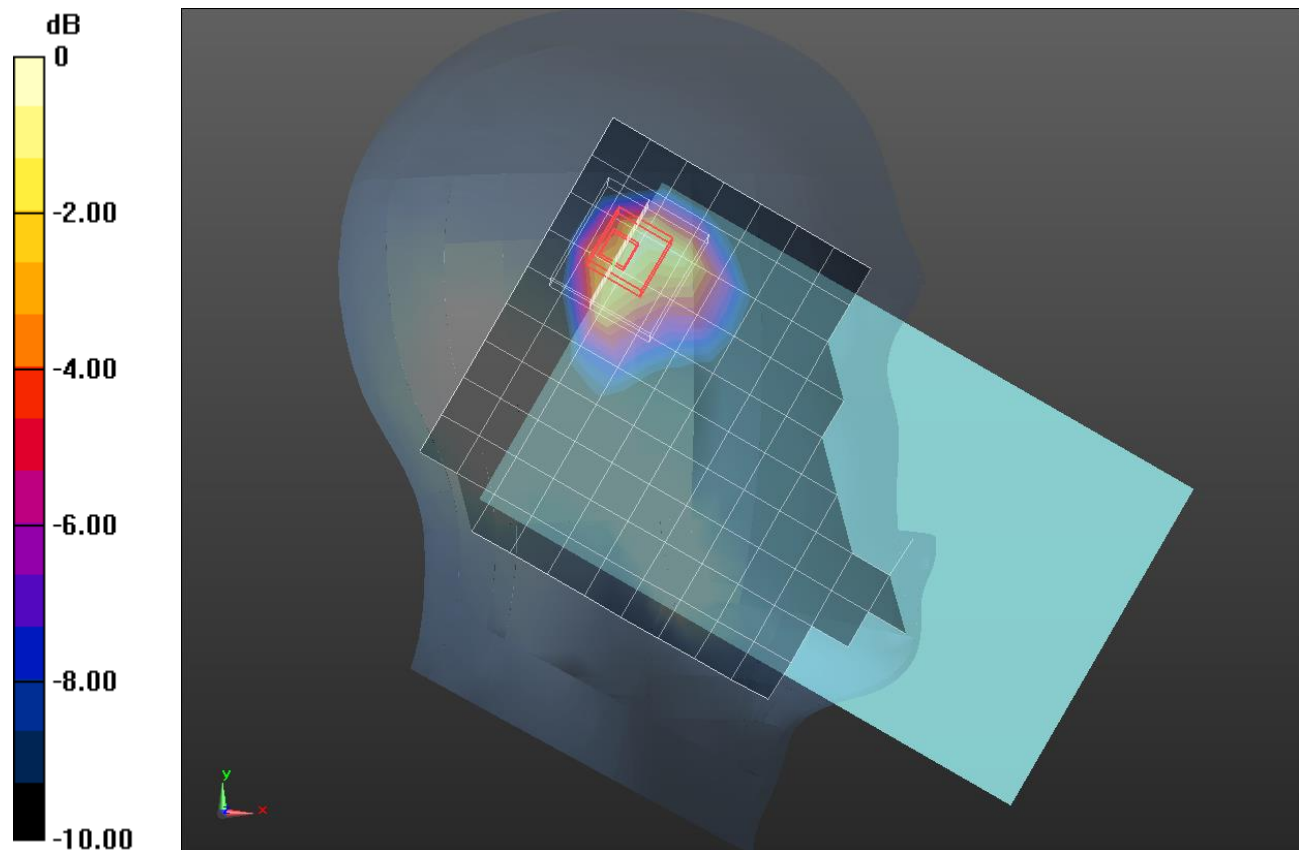
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.401 \text{ S/m}$ ;  $\epsilon_r = 39.024$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(8.41, 8.41, 8.41); Calibrated: 2017-08-22;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**LHS/Touch\_RMC Rel .99\_ch 9400/Area Scan (11x18x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.328 W/kg

**LHS/Touch\_RMC Rel .99\_ch 9400/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.40 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 0.498 W/kg  
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.131 W/kg**  
 Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.554 \text{ S/m}$ ;  $\epsilon_r = 54.017$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(8.12, 8.12, 8.12); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Edge 2/RMC Rel .99\_ch 9400/Area Scan (5x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.540 W/kg

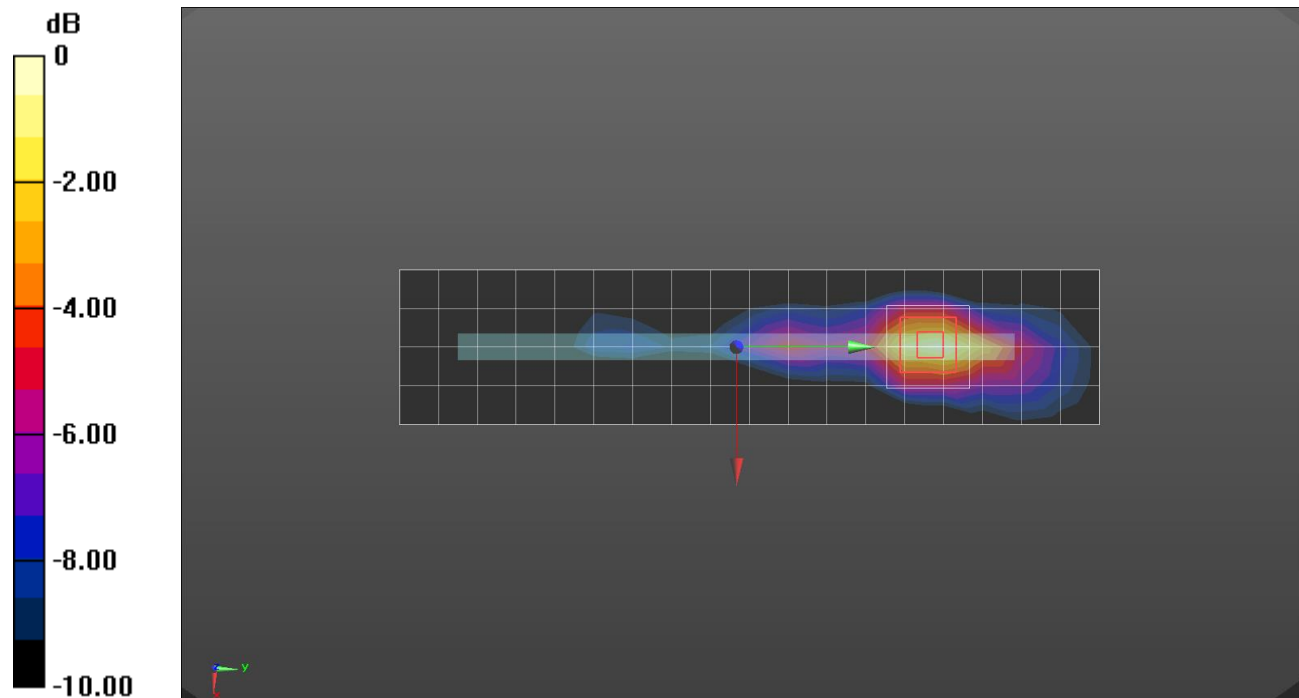
**Edge 2/RMC Rel .99\_ch 9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.79 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 42.151$ ;  $\rho = 1000$  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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(10.02, 10.02, 10.02); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_RMC Rel .99\_ch 4183/Area Scan (11x18x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.489 W/kg

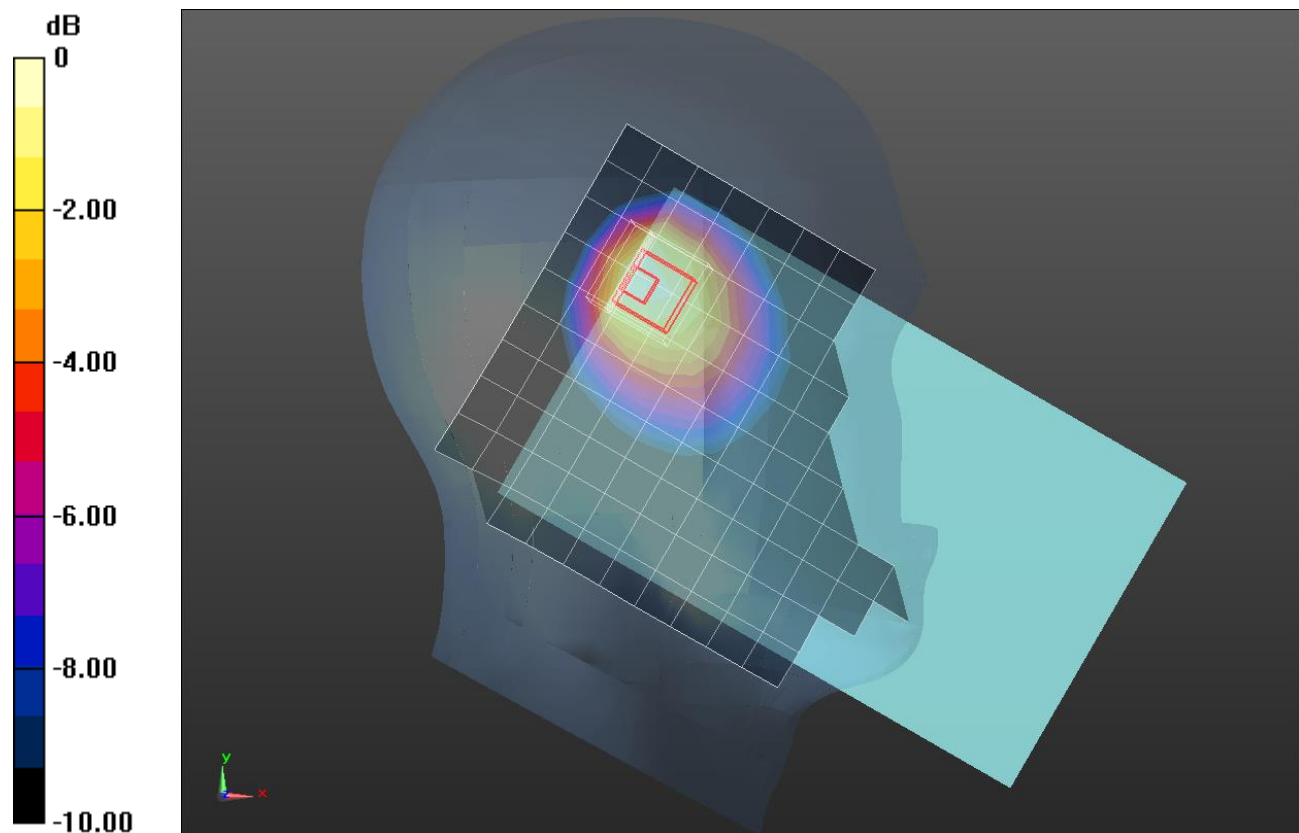
**LHS/Touch\_RMC Rel .99\_ch 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.90 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.450 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 1.002$  S/m;  $\epsilon_r = 53.176$ ;  $\rho = 1000$  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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(10.12, 10.12, 10.12); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/RMC Rel .99\_ch 4183/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.556 W/kg

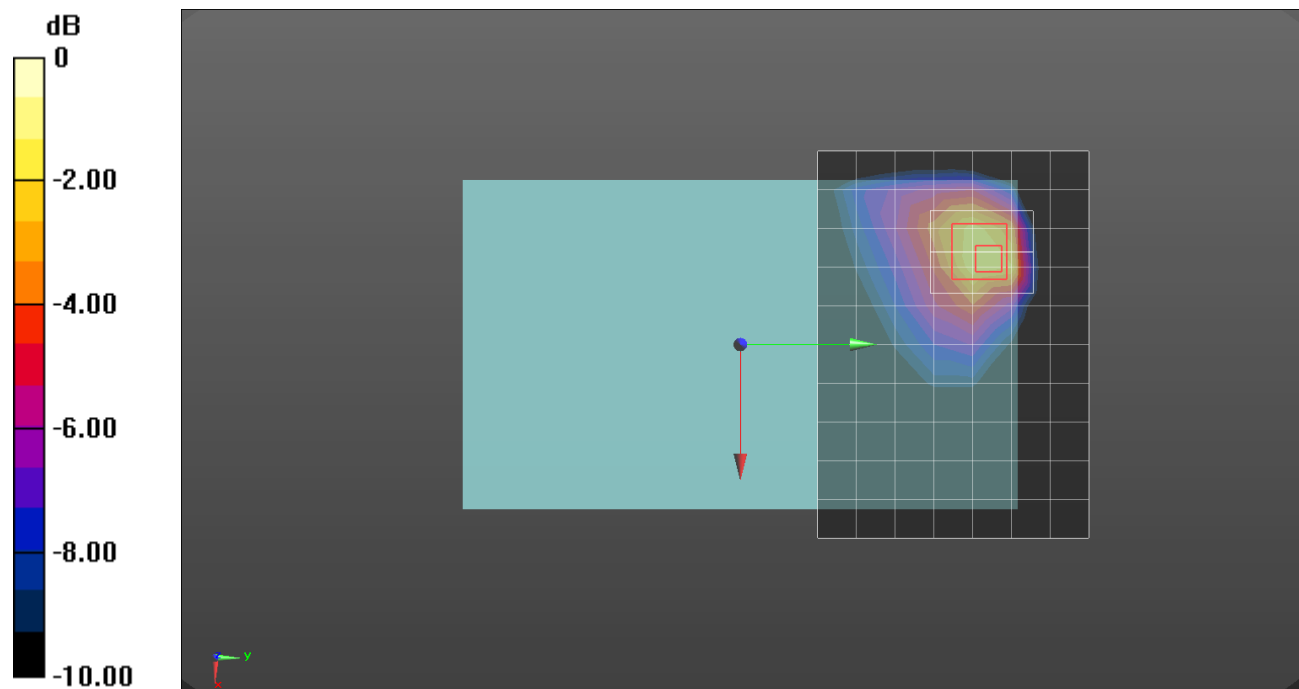
**Rear/RMC Rel .99\_ch 4183/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.84 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 0.769 W/kg



0 dB = 0.769 W/kg = -1.14 dBW/kg

## LTE Band 5

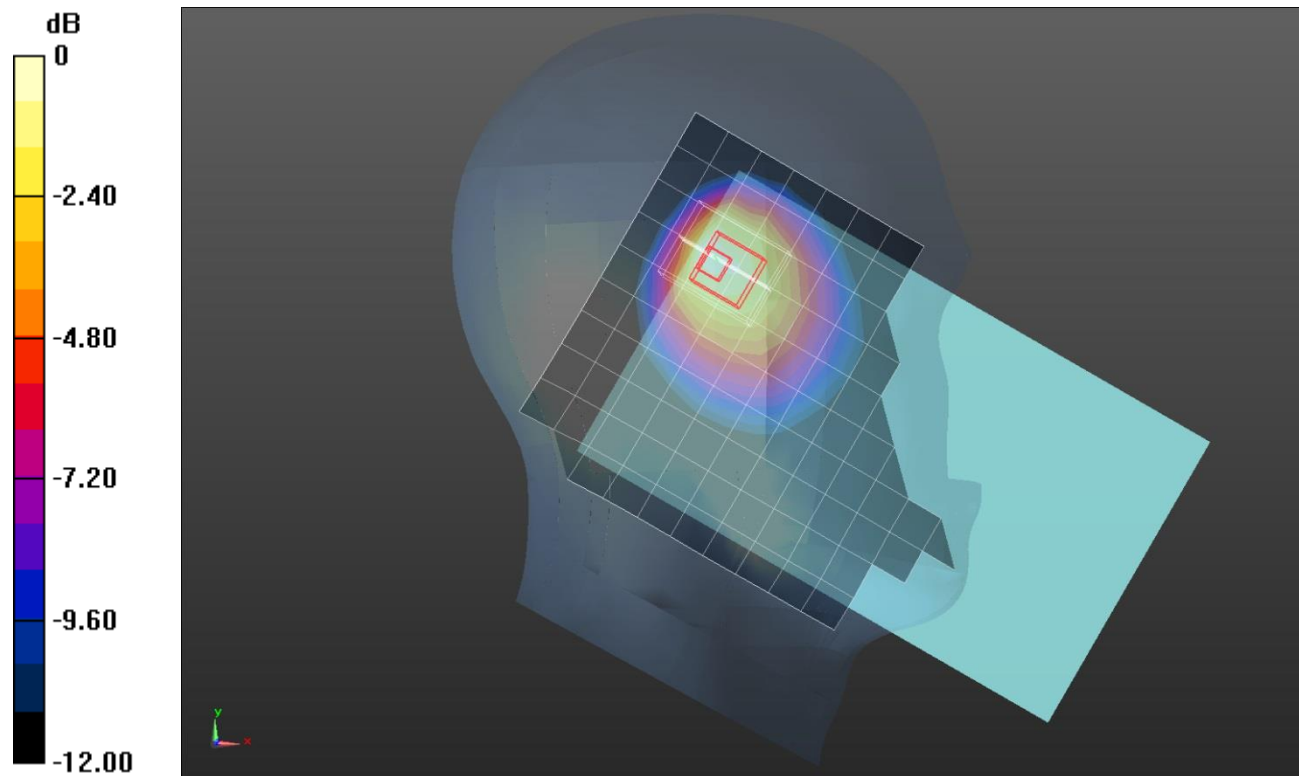
Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.303$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(10.02, 10.02, 10.02); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**LHS/Touch\_QPSK RB 1/0\_ch 20525/Area Scan (11x18x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.588 W/kg

**LHS/Touch\_QPSK RB 1/0\_ch 20525/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 25.89 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.841 W/kg  
**SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.287 W/kg**  
 Maximum value of SAR (measured) = 0.576 W/kg



0 dB = 0.576 W/kg = -2.40 dBW/kg

## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 1.001$  S/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(10.12, 10.12, 10.12); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 1/0 ch 20525/Area Scan (11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.663 W/kg

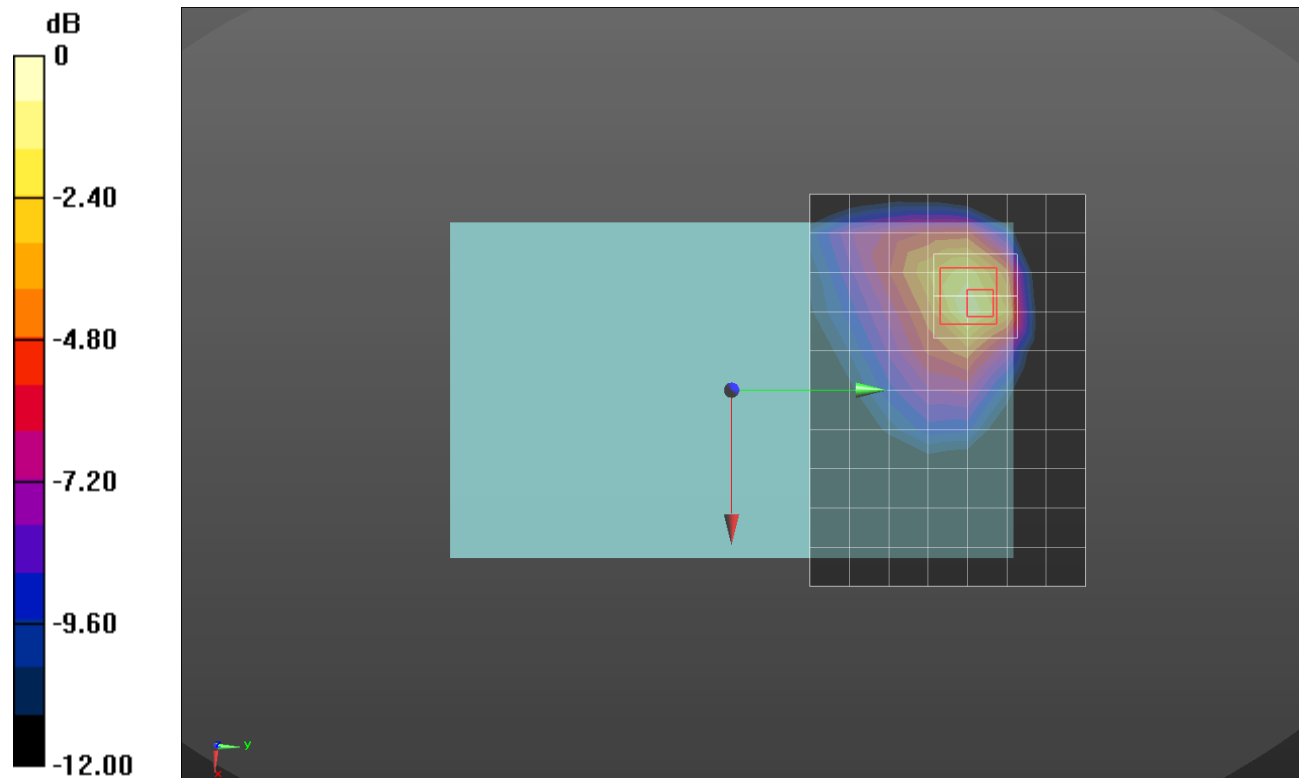
**Rear/QPSK RB 1/0 ch 20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.96 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.795 W/kg = -1.00 dBW/kg

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.916 \text{ S/m}$ ;  $\epsilon_r = 38.261$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(7.42, 7.42, 7.42); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

**LHS/Touch\_QPSK RB 1/0 ch 21100/Area Scan (14x21x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.165 W/kg

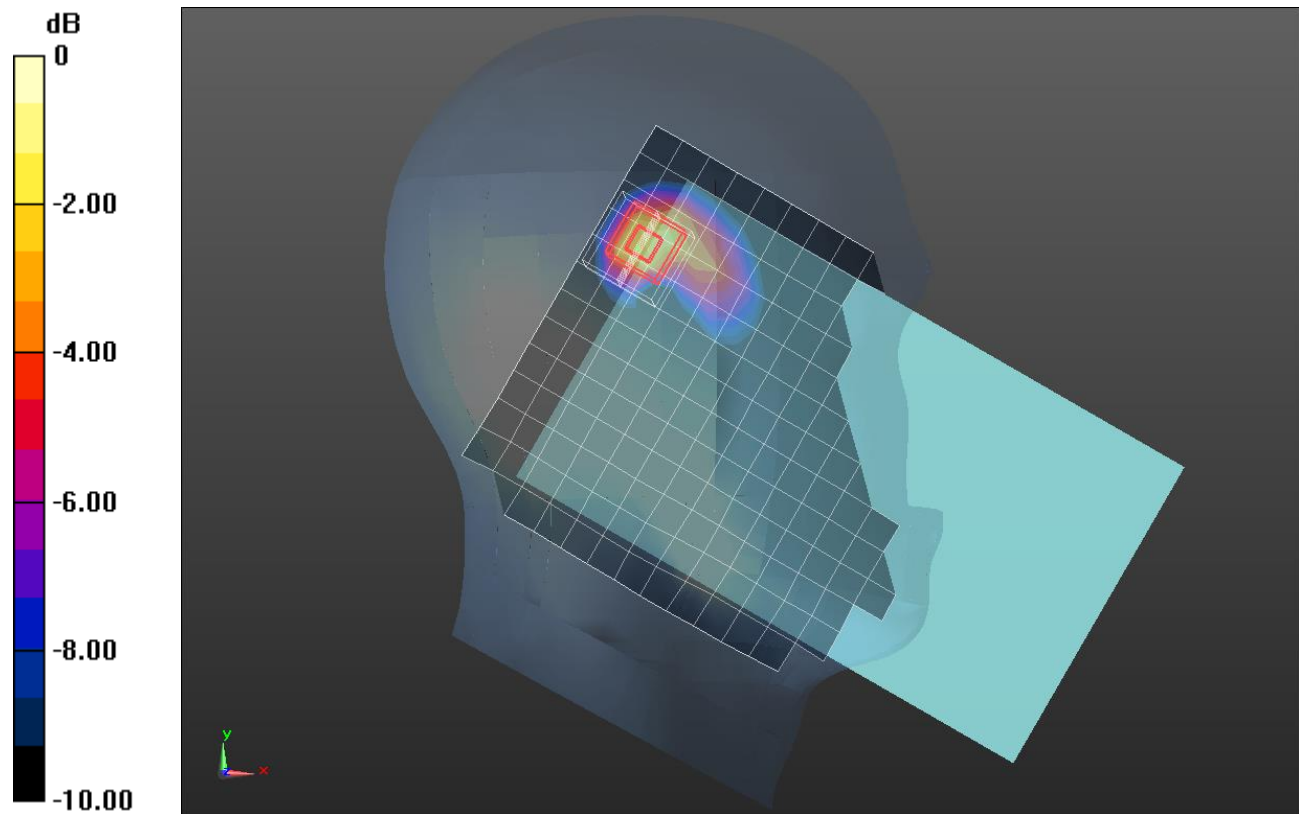
**LHS/Touch\_QPSK RB 1/0 ch 21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.696 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.210 W/kg



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

## LTE Band 7

Frequency: 2535 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.038 \text{ S/m}$ ;  $\epsilon_r = 51.175$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(7.24, 7.24, 7.24); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 1/0 ch 21110/Area Scan (14x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.701 W/kg

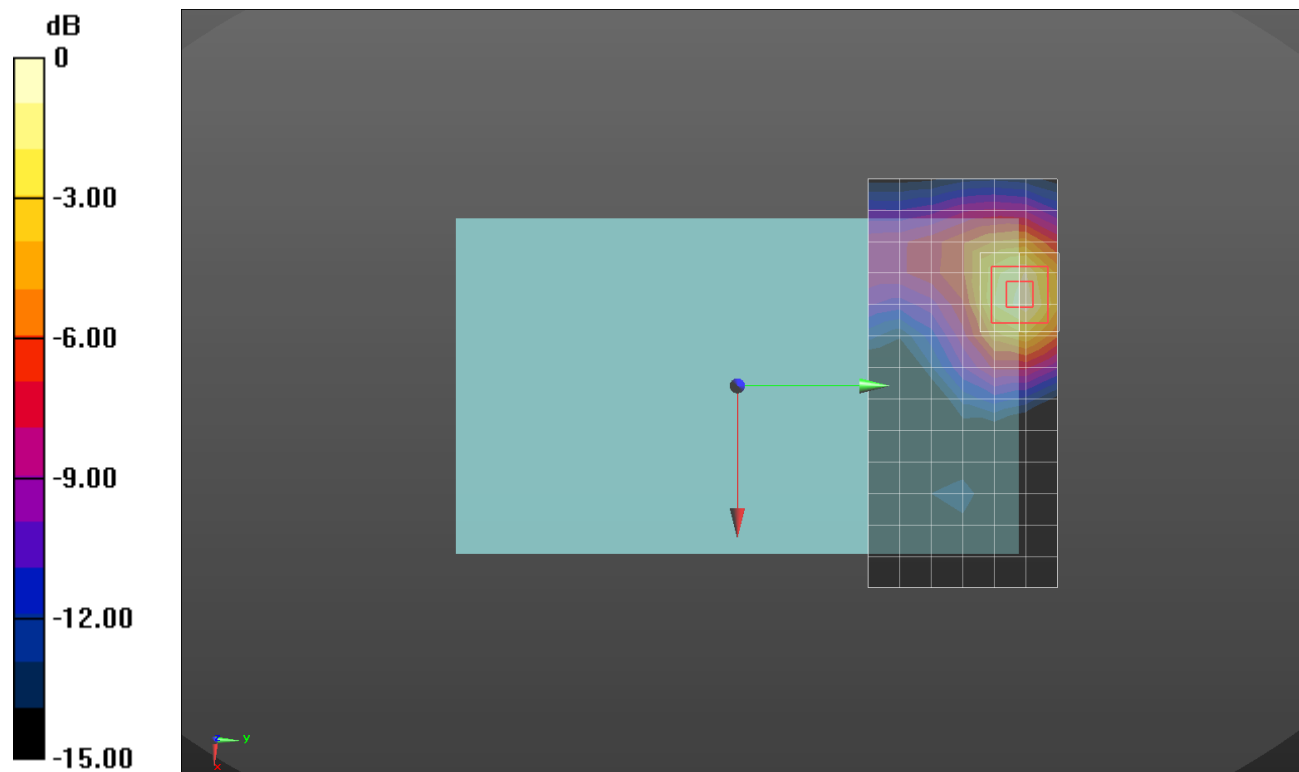
**Rear/QPSK RB 1/0 ch 21110/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.41 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

## LTE Band 41

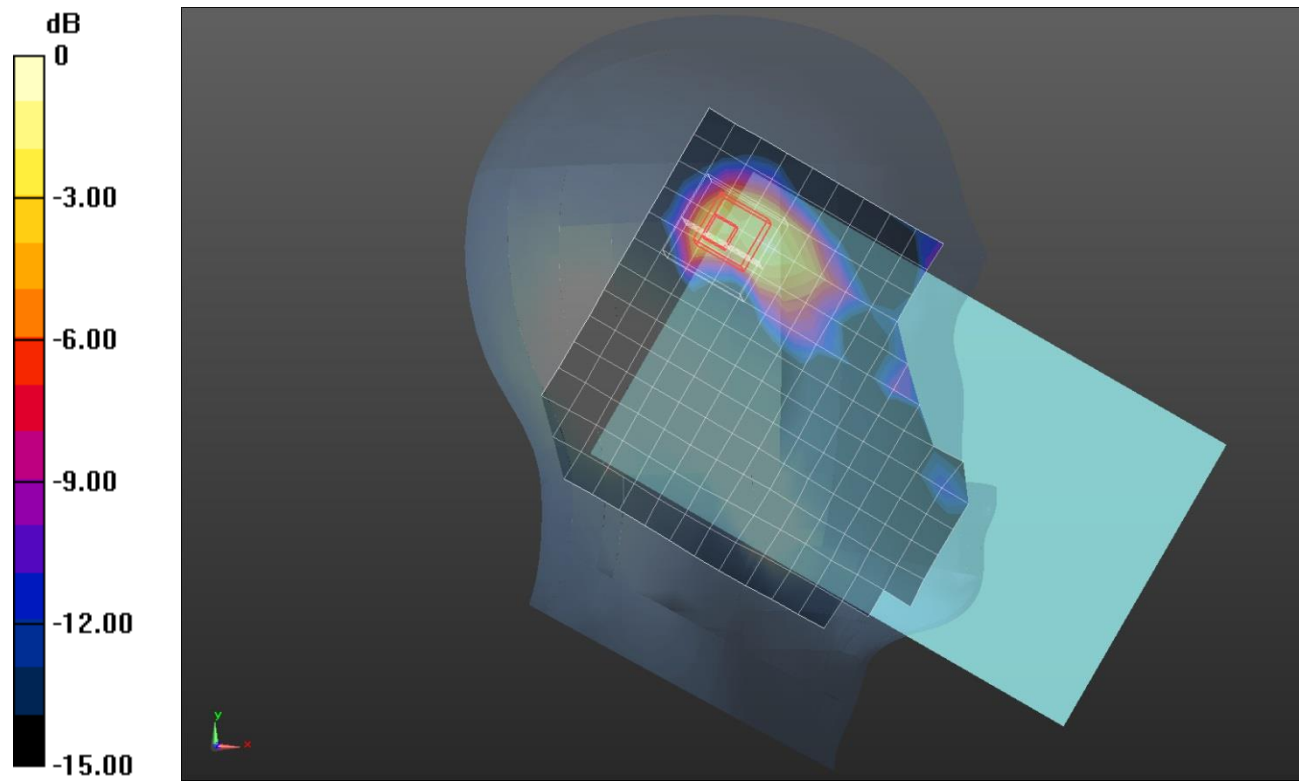
Frequency: 2605 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2605 \text{ MHz}$ ;  $\sigma = 1.96 \text{ S/m}$ ;  $\epsilon_r = 38.03$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(7.42, 7.42, 7.42); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

**LHS/Touch\_QPSK RB 1/0 ch 40740/Area Scan (14x22x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.0960 W/kg

**LHS/Touch\_QPSK RB 1/0 ch 40740/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 6.924 V/m; Power Drift = -0.01 dB  
 Peak SAR (extrapolated) = 0.203 W/kg  
**SAR(1 g) = 0.0846 W/kg; SAR(10 g) = 0.0335 W/kg**  
 Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

## LTE Band 41

Frequency: 2605 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2605 \text{ MHz}$ ;  $\sigma = 2.154 \text{ S/m}$ ;  $\epsilon_r = 51.279$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(7.24, 7.24, 7.24); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 1/0 ch 40740/Area Scan (14x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.506 W/kg

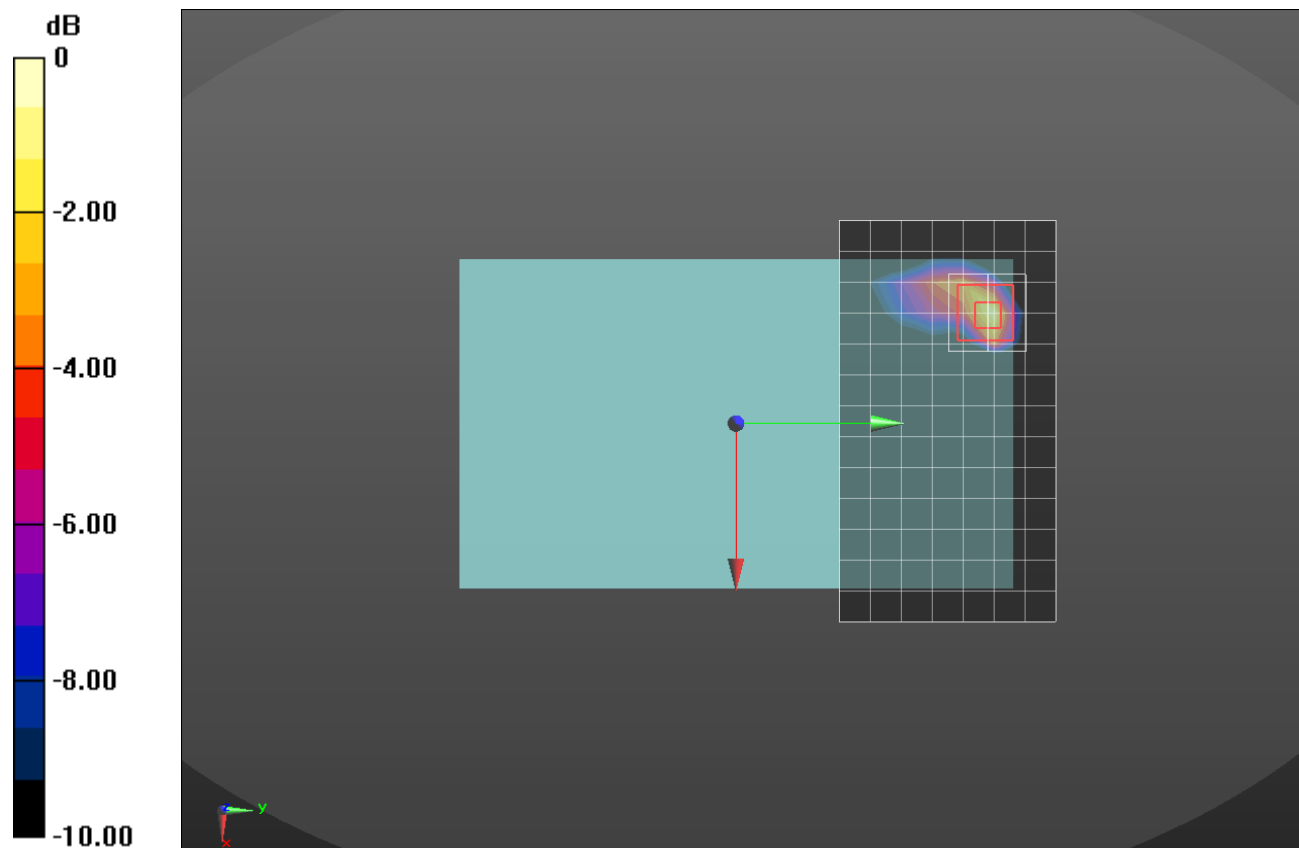
**Rear/QPSK RB 1/0 ch 40740/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.878 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.138 W/kg**

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



0 dB = 0.584 W/kg = -2.34 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.811$  S/m;  $\epsilon_r = 38.633$ ;  $\rho = 1000$  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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(7.64, 7.64, 7.64); Calibrated: 2017-02-28;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

**RHS/Touch\_802.11 b\_ch6/Area Scan (14x21x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.975 W/kg

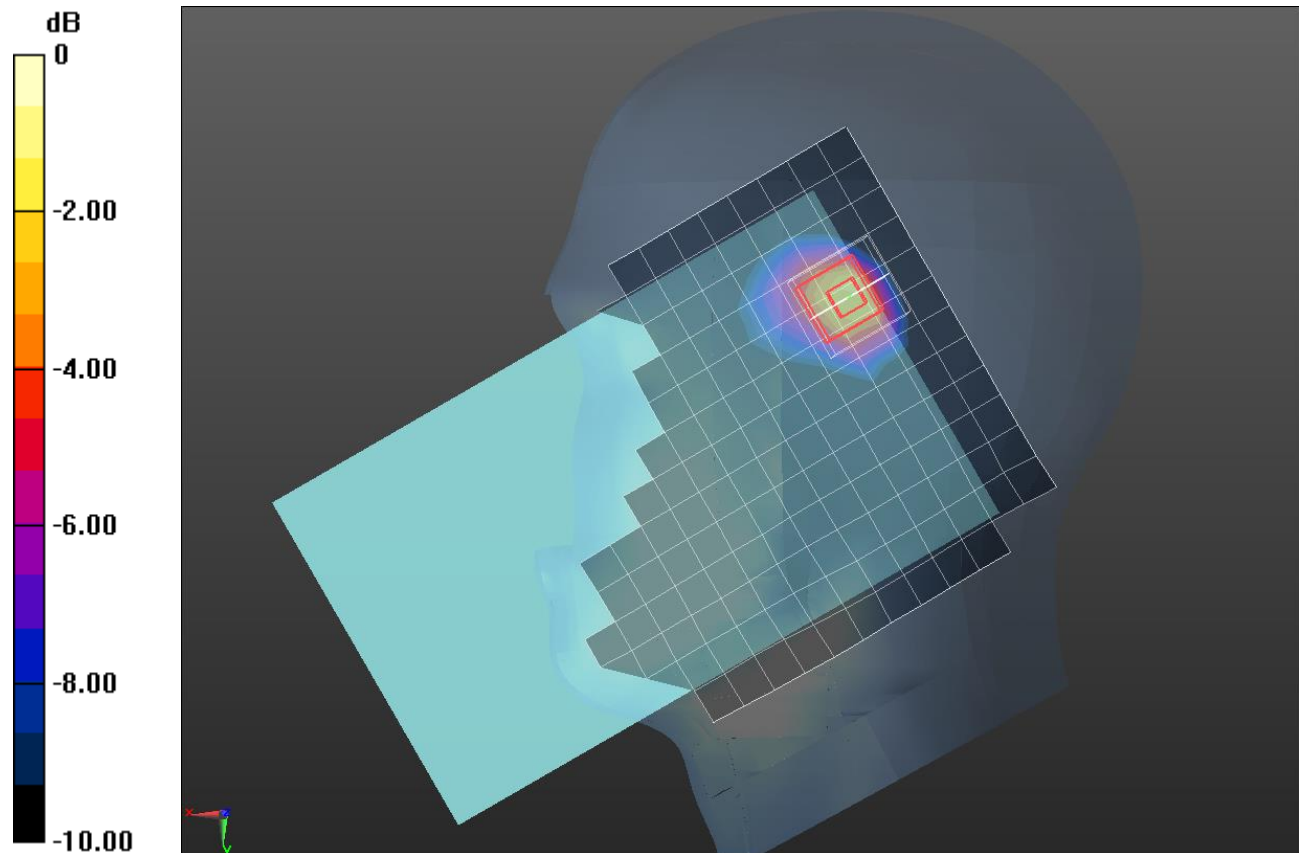
**RHS/Touch\_802.11 b\_ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.67 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.30 W/kg

**SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.381 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2412 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.946$  S/m;  $\epsilon_r = 52.405$ ;  $\rho = 1000$  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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(7.45, 7.45, 7.45); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/802.11b\_ch 1/Area Scan (13x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.22 W/kg

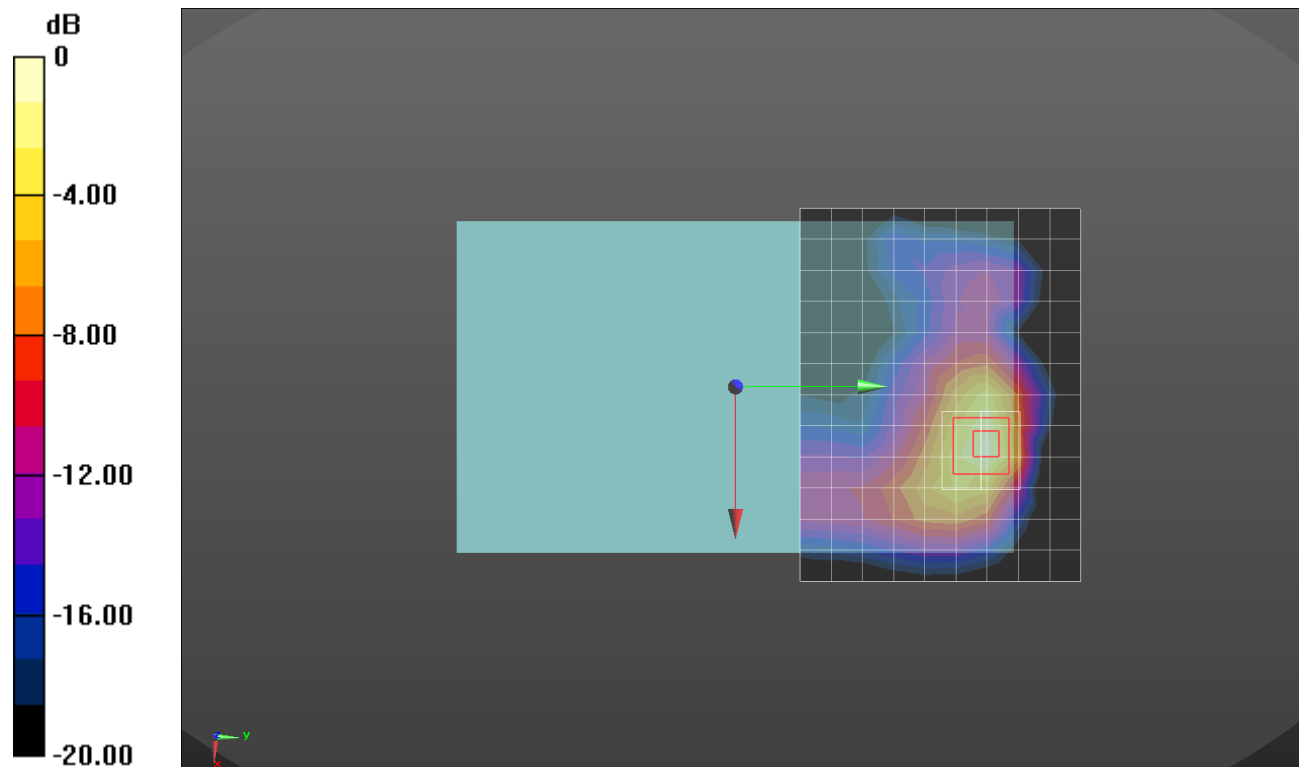
**Rear/802.11b\_ch 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.84 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.40 W/kg

**SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.411 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.582 \text{ S/m}$ ;  $\epsilon_r = 35.499$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(5.19, 5.19, 5.19); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Back; Type: QD000P40CD; Serial: TP:1882

**RHS/Touch\_802.11a\_ch 60/Area Scan (15x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.948 W/kg

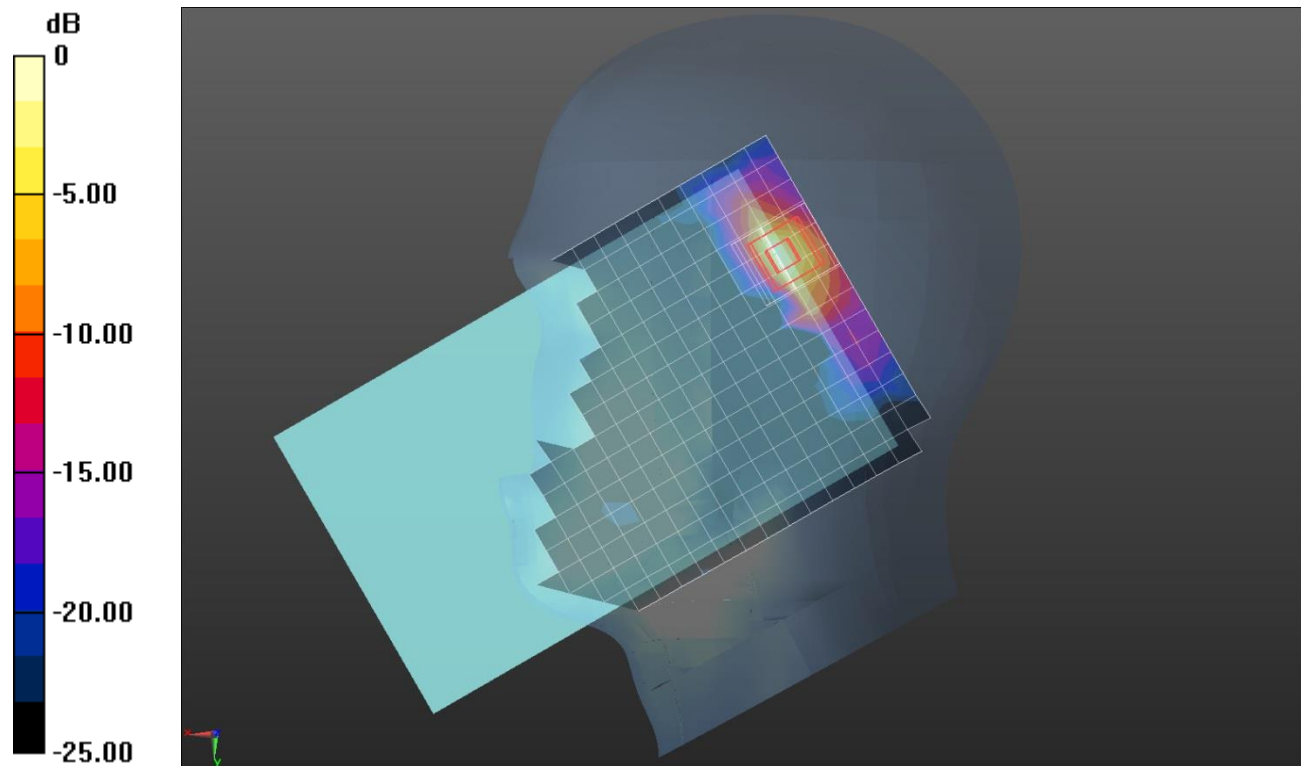
**RHS/Touch\_802.11a\_ch 60/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5280 \text{ MHz}$ ;  $\sigma = 5.276 \text{ S/m}$ ;  $\epsilon_r = 50.432$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(4.61, 4.61, 4.61); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Edge 1/802.11a\_ch 56/Area Scan (15x6x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.85 W/kg

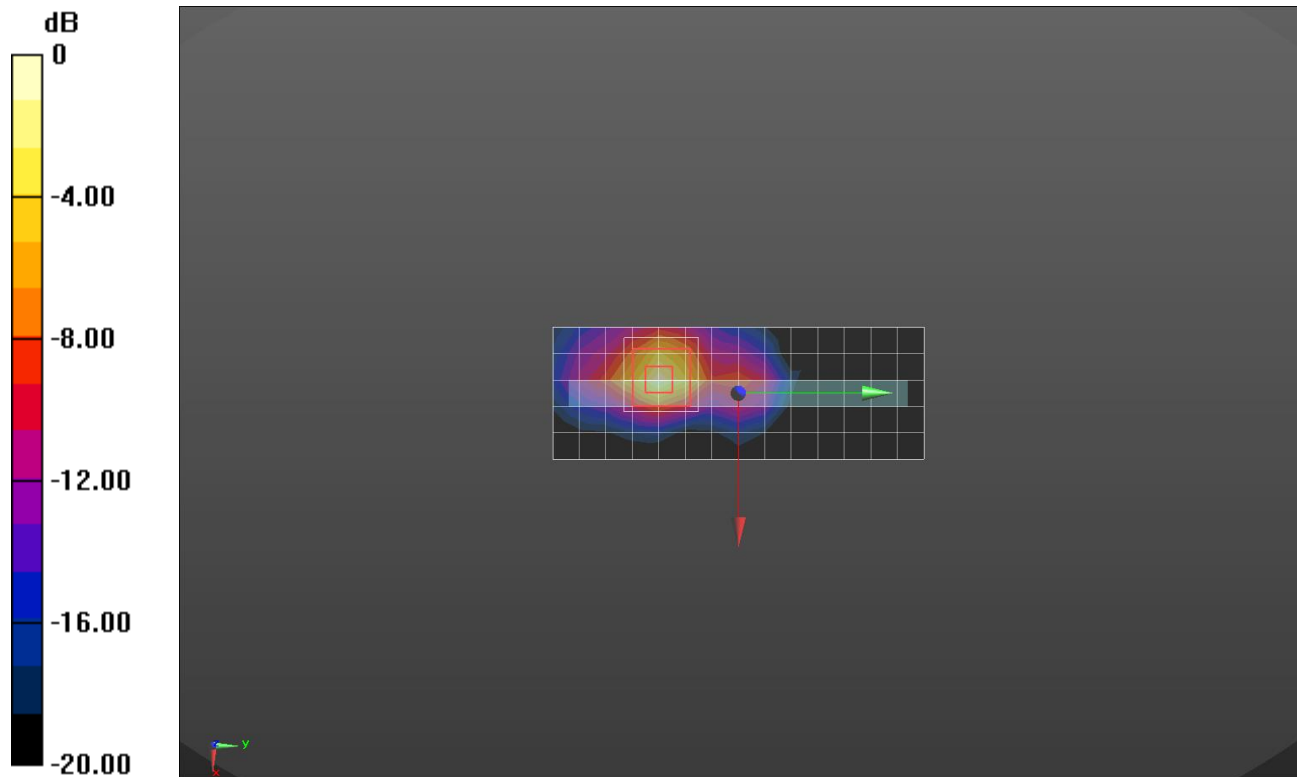
**Edge 1/802.11a\_ch 56/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.77 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.47 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

## Wi-Fi 5.5 GHz

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 4.876 \text{ S/m}$ ;  $\epsilon_r = 35.068$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(4.63, 4.63, 4.63); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Back; Type: QD000P40CD; Serial: TP:1882

**RHS/Touch\_802.11a\_ch 120/Area Scan (15x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.06 W/kg

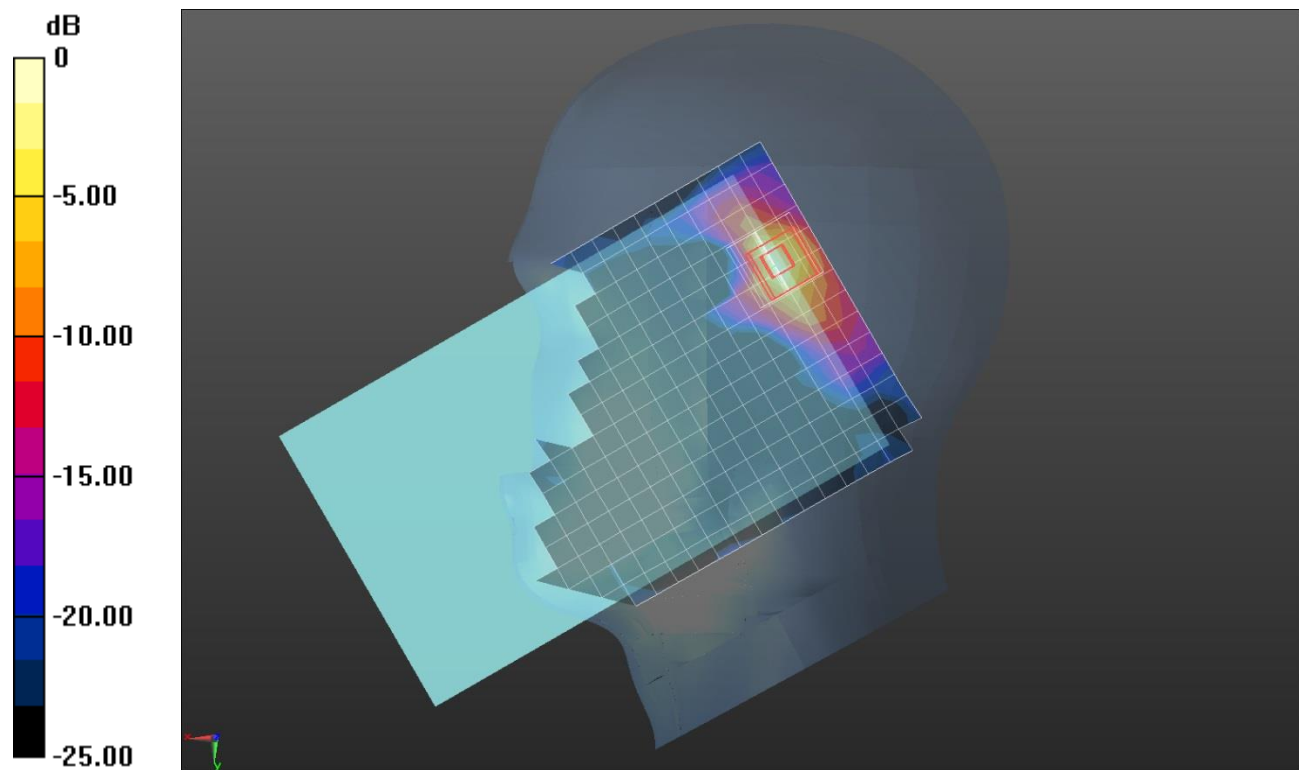
**RHS/Touch\_802.11a\_ch 120/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.65 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

## Wi-Fi 5.5 GHz

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5530 \text{ MHz}$ ;  $\sigma = 5.6 \text{ S/m}$ ;  $\epsilon_r = 47.033$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(4.1, 4.1, 4.1); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Rear/802.11ac\_VHT80\_ch 106/Area Scan (10x16x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (measured) = 1.27 W/kg

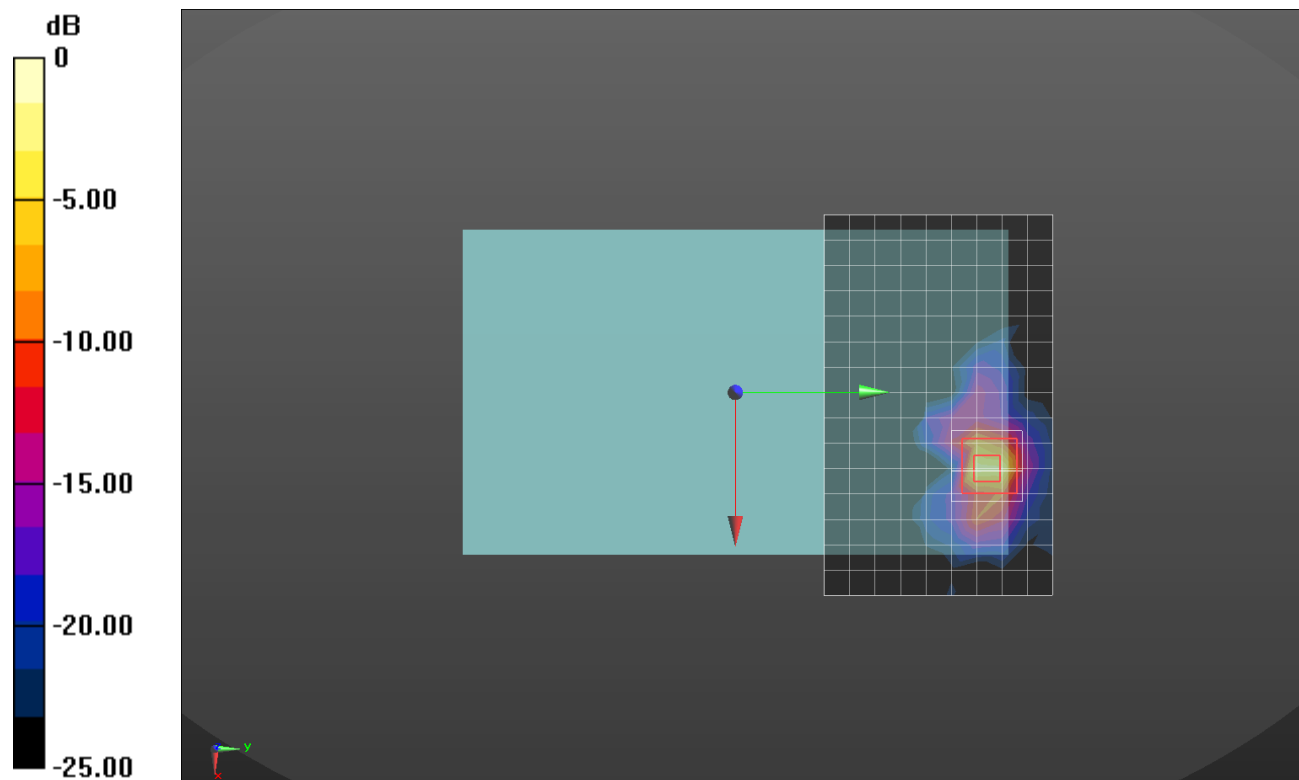
**Rear/802.11ac\_VHT80\_ch 106/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value = 17.92 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.67 W/kg

**SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

## Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.07 \text{ S/m}$ ;  $\epsilon_r = 34.81$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(4.69, 4.69, 4.69); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Back; Type: QD000P40CD; Serial: TP:1882

**RHS/Touch\_802.11a\_ch 157/Area Scan (15x25x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.27 W/kg

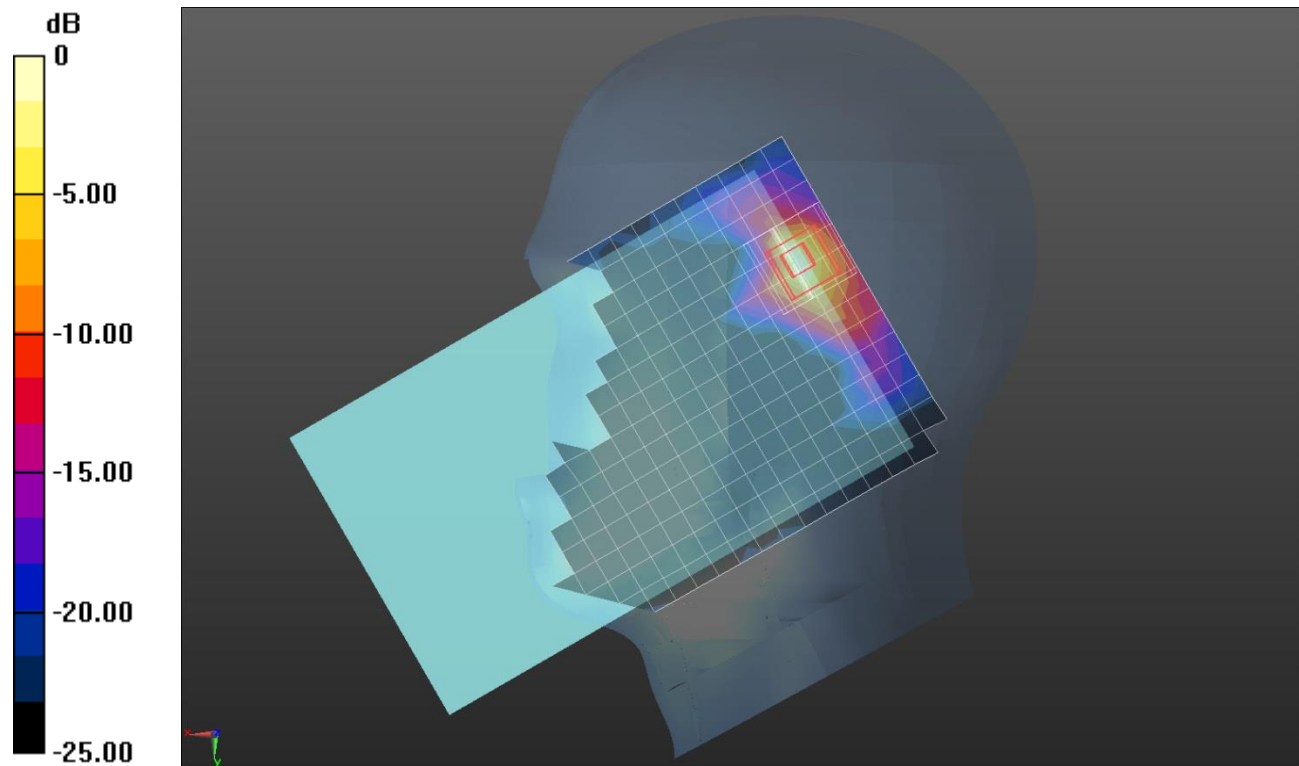
**RHS/Touch\_802.11a\_ch 157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.37 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

## Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.83 \text{ S/m}$ ;  $\epsilon_r = 47.365$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2017-08-22
- Probe: EX3DV4 - SN7376; ConvF(4.18, 4.18, 4.18); Calibrated: 2017-08-22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Edge 1/802.11a\_ch 157/Area Scan (15x6x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.48 W/kg

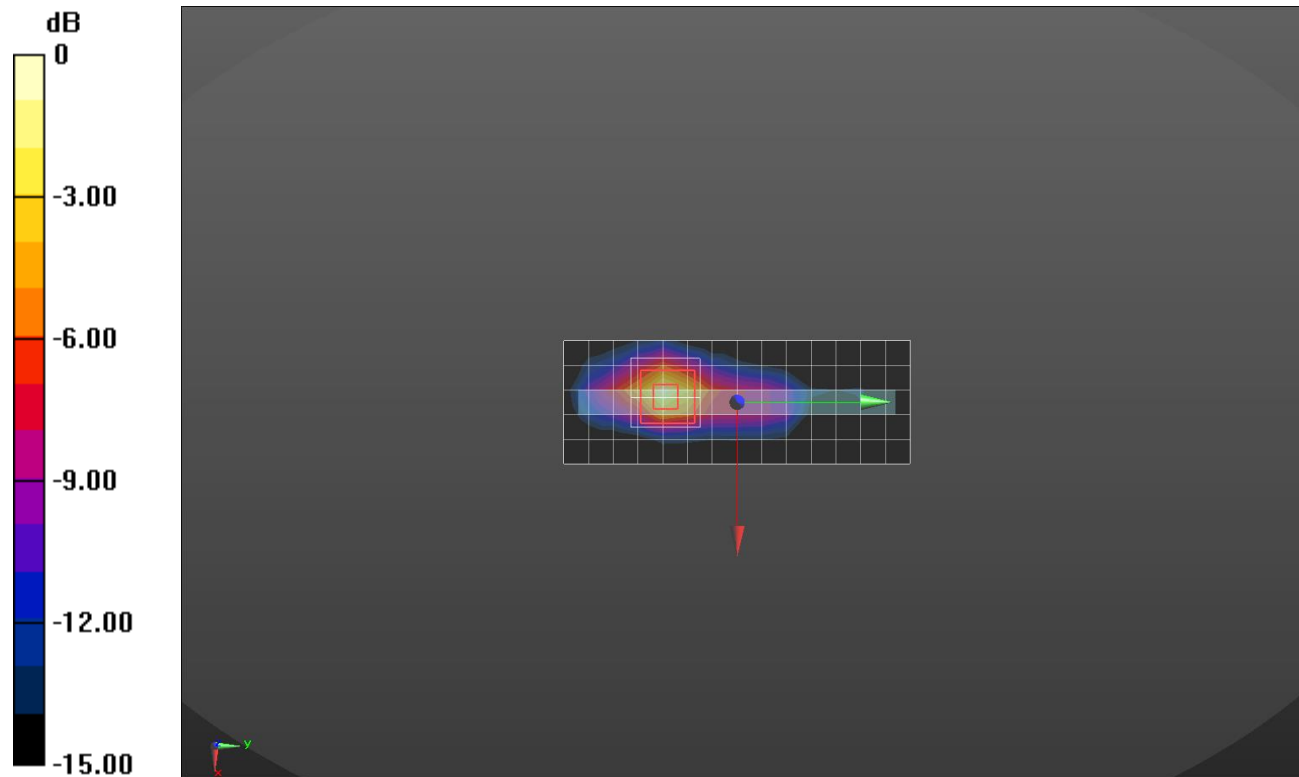
**Edge 1/802.11a\_ch 157/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.09 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.87 W/kg

**SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg