

## Bluetooth

Frequency: 2480 MHz; Communication System Channel Number: 79; Duty Cycle: 1:1.65653

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 37.621$ ;  $\rho = 1000$  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 0.012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2023-07-17
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 2023-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Phantom section: Flat Section ; Type: QD000P40CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Front/Bluetooth LE ch.39 Ant.1/Area Scan (15x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.475 W/kg

**Front/Bluetooth LE ch.39 Ant.1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.02 V/m; Power Drift = 0.02 dB

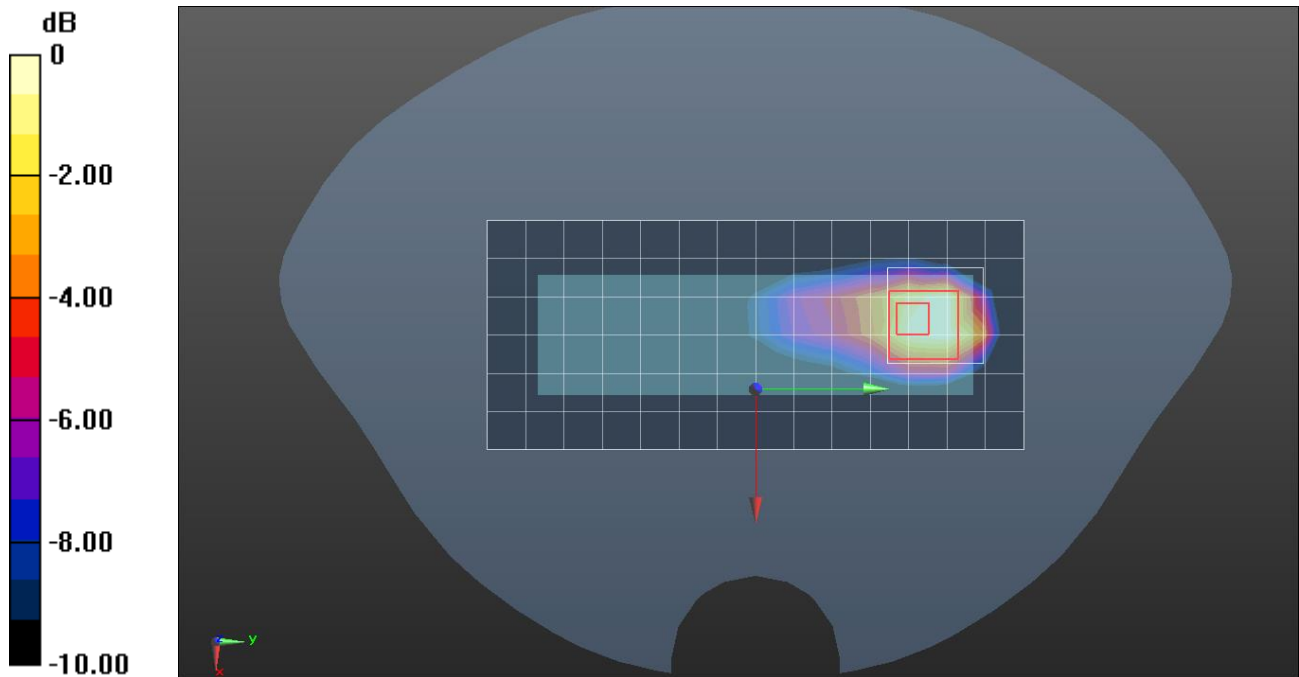
Peak SAR (extrapolated) = 0.836 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.158 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 34.5%

Maximum value of SAR (measured) = 0.557 W/kg



$$0 \text{ dB} = 0.475 \text{ W/kg} = -3.23 \text{ dBW/kg}$$

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- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Phantom section: Flat Section ; Type: QD000P40CD
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**Front/Bluetooth LE ch.39 Ant.2/Area Scan (15x7x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.578 W/kg

**Front/Bluetooth LE ch.39 Ant.2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.73 V/m; Power Drift = -0.04 dB

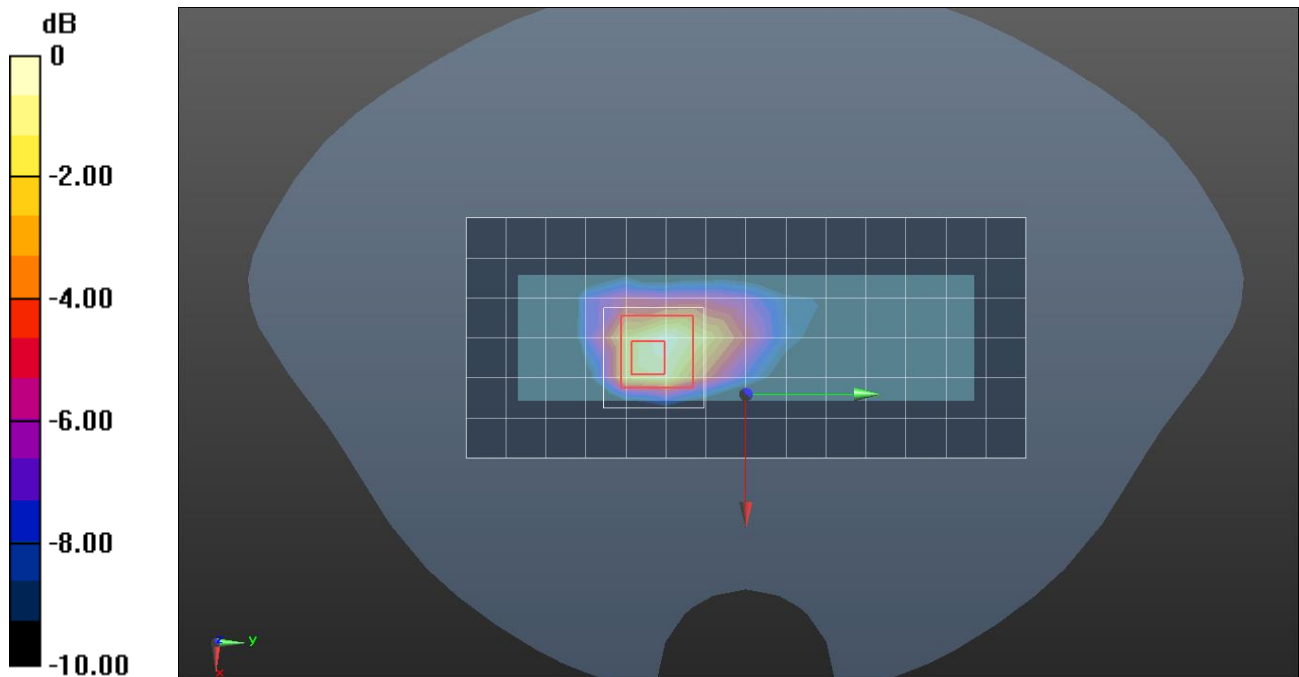
Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.188 W/kg**

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 0.796 W/kg



$$0 \text{ dB} = 0.578 \text{ W/kg} = -2.38 \text{ dBW/kg}$$