

## Mid channel Back side side- antenna0

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (81x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.011 mW/g

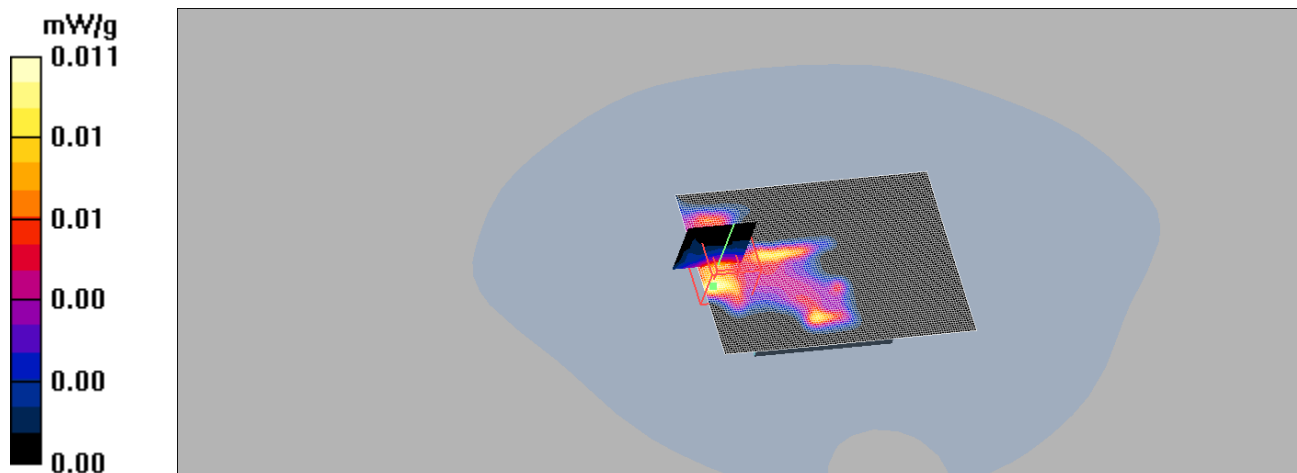
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.952 V/m; Power Drift = -0.283 dB

Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.00708 mW/g; SAR(10 g) = 0.00294 mW/g**

Maximum value of SAR (measured) = 0.01 mW/g



## Mid channel Back side- antenna1

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (81x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.016 mW/g

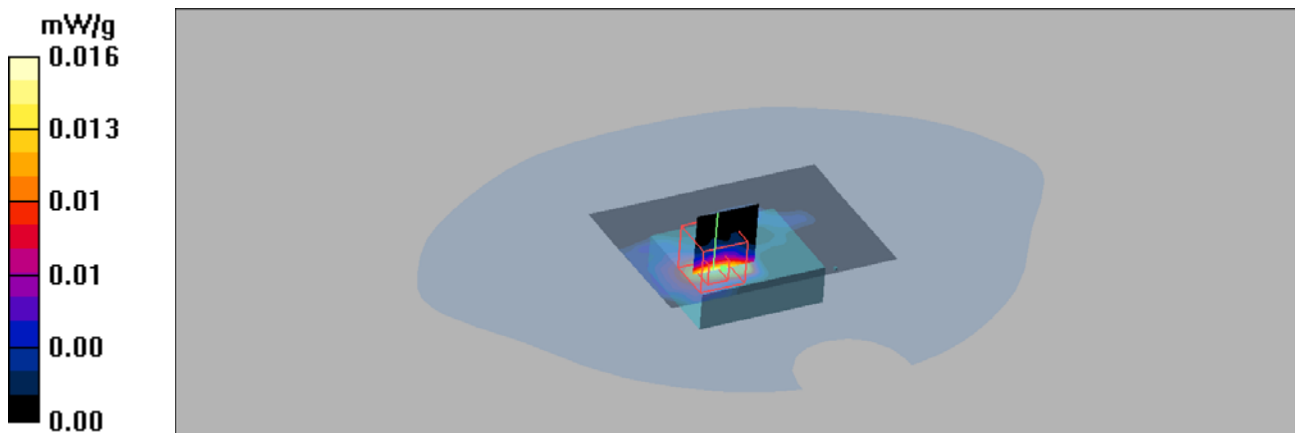
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.26 V/m; Power Drift = 0.762 dB

Peak SAR (extrapolated) = 0.024 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0056 mW/g**

Maximum value of SAR (measured) = 0.015 mW/g



## Mid channel front side- antenna0

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (81x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

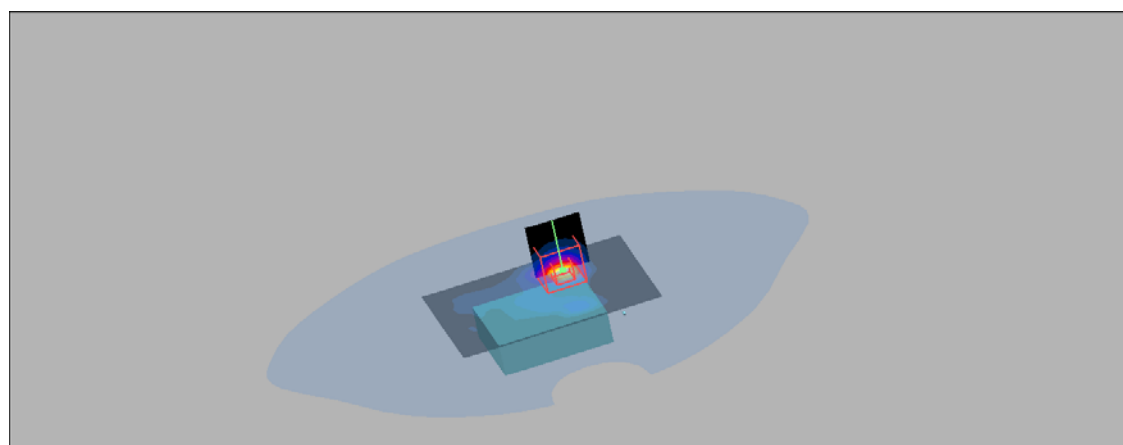
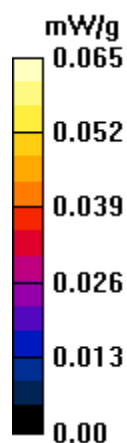
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.39 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.066 mW/g



## Mid channel front side- antenna1

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (81x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.080 mW/g

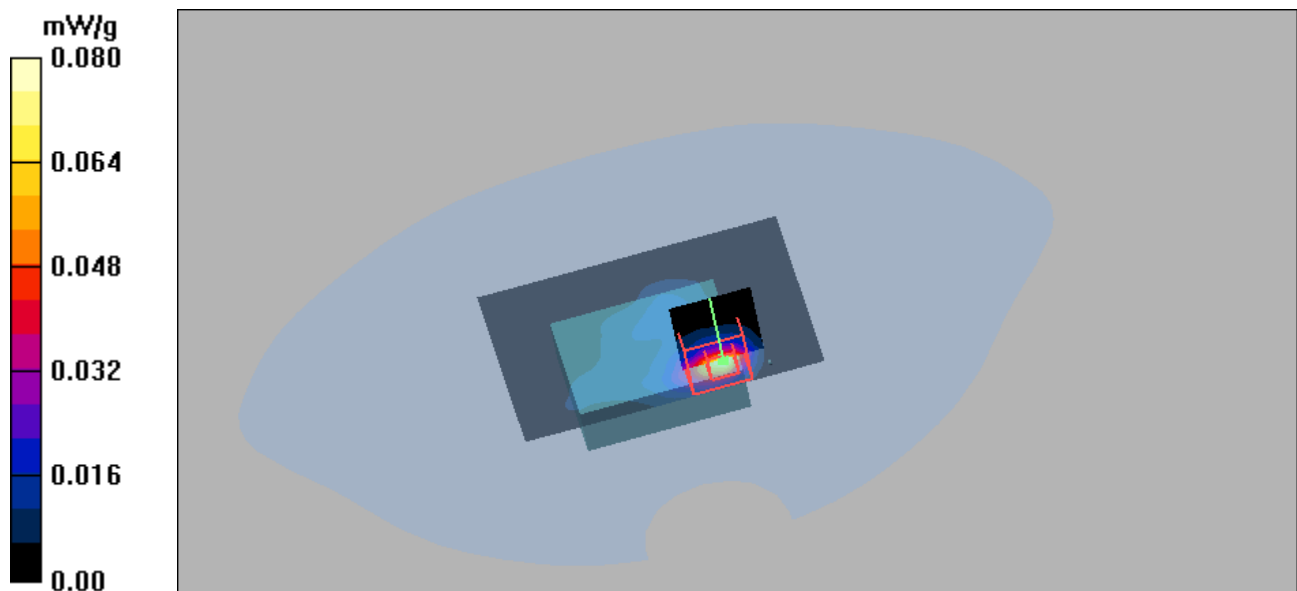
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.43 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.140 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.069 mW/g



**Mid channel left side up- antenna 0**

**DUT: Garmin; Type: Base Unit;**

**Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1**

**Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>**

**Phantom section: Flat Section**

**Measurement Standard: DAS4 (High Precision Assessment)**

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.013 mW/g

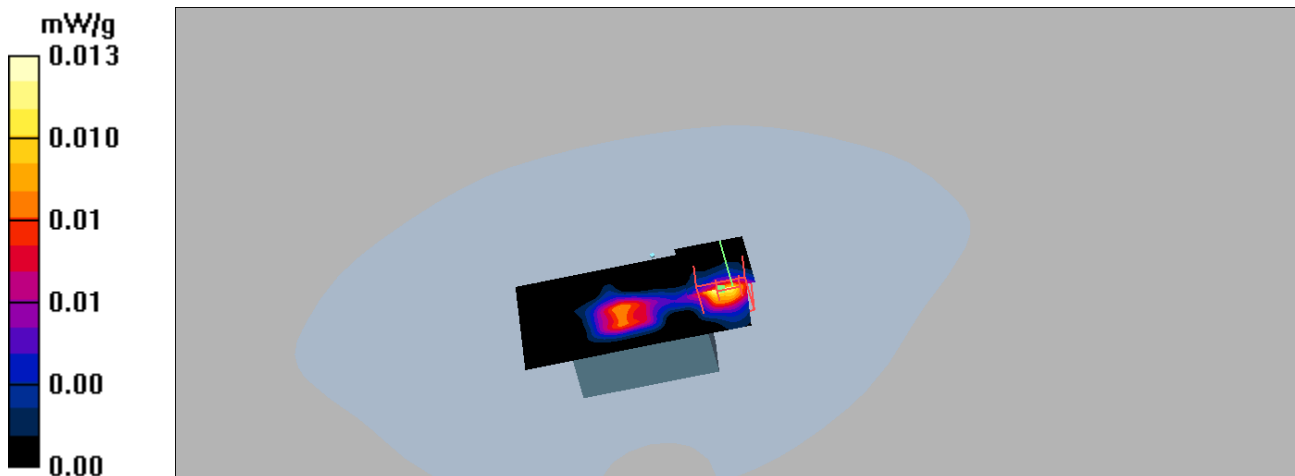
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.07 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.018 W/kg

**SAR(1 g) = 0.00838 mW/g; SAR(10 g) = 0.00306 mW/g**

Maximum value of SAR (measured) = 0.010 mW/g



## Mid channel left side up- antenna 1

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

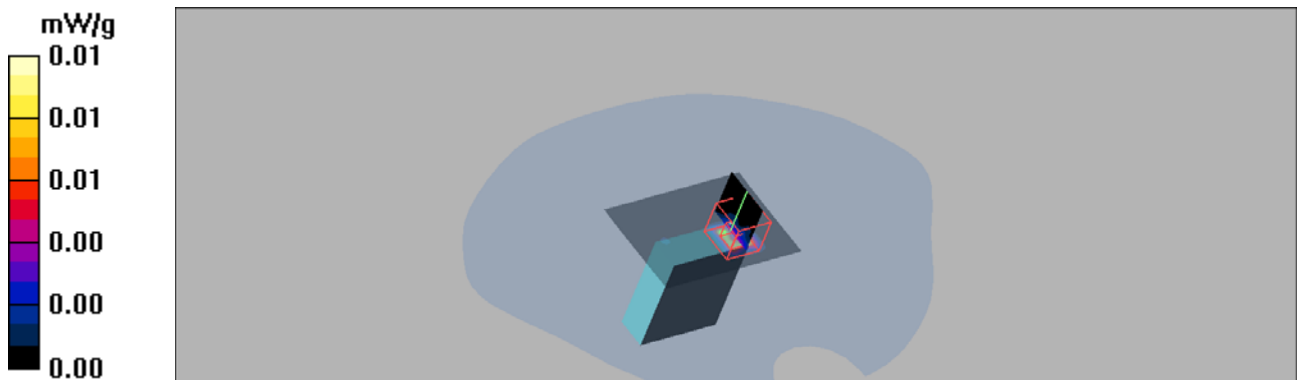
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Unnamed procedure/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.01 mW/g

**Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 1.05 V/m; Power Drift = 1.25 dB  
Peak SAR (extrapolated) = 0.018 W/kg  
**SAR(1 g) = 0.00419 mW/g; SAR(10 g) = 0.00142 mW/g**  
Maximum value of SAR (measured) = 0.00 mW/g



## Mid channel Right side up- antenna 0

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.00 mW/g

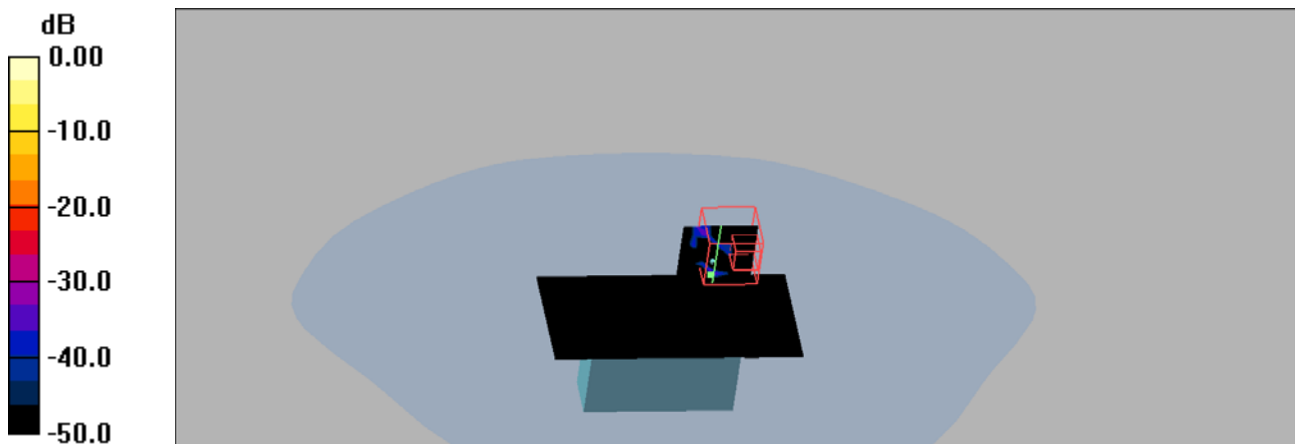
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.316 V/m; Power Drift = -5.93 dB

Peak SAR (extrapolated) = 0.00 W/kg

**SAR(1 g) = 1.43e-006 mW/g; SAR(10 g) = 1.43e-007 mW/g**

Maximum value of SAR (measured) = 0.00 mW/g



## Mid channel Right side up- antenna 1

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.022 mW/g

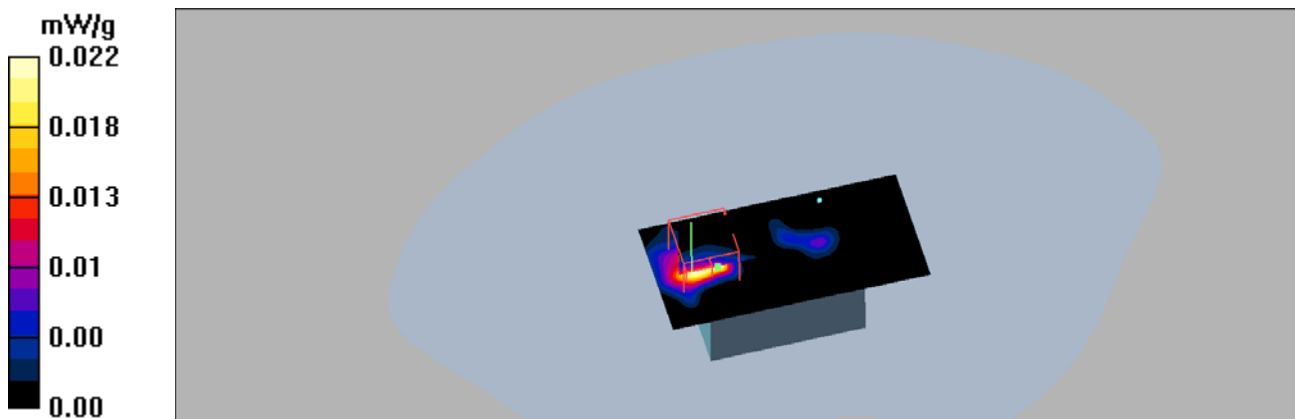
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.24 V/m; Power Drift = -1.08 dB

Peak SAR (extrapolated) = 0.022 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00451 mW/g**

Maximum value of SAR (measured) = 0.013 mW/g





## Mid channel Short Edge 2 Up- antenna 0

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.00 mW/g

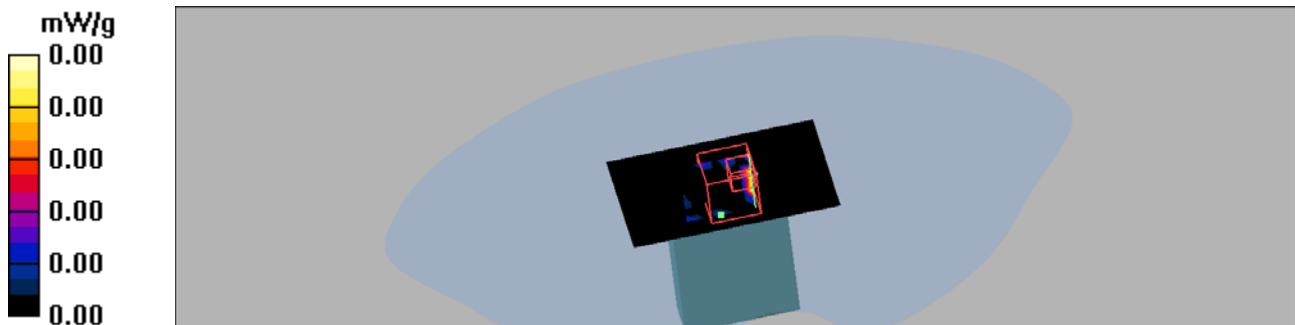
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.00 W/kg

**SAR(1 g) = 3.42e-007 mW/g; SAR(10 g) = 6.16e-008 mW/g**

Maximum value of SAR (measured) = 0.00 mW/g



## Mid channel Short Edge Up- antenna 1

**DUT: Garmin; Type: Base Unit;**

Communication System: 2.4 ghz Zigbee; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 51.9$   $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3035; ConvF(4.53, 4.53, 4.53); Calibrated: 9/18/2017
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn493;
- Phantom: SAM with CRP; Type: SAM;
- Measurement SW: DAS4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.00 mW/g

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.503 V/m; Power Drift = 2.67 dB

Peak SAR (extrapolated) = 0.018 W/kg

**SAR(1 g) = 0.00259 mW/g; SAR(10 g) = 0.00033 mW/g**

Maximum value of SAR (measured) = 0.00 mW/g

