



## SAR Test plots

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## IEEE802.11b Boby Up Low CH1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.943$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Boby Up Low CH1/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11b/IEEE802.11b Boby Up Low CH1/Zoom Scan

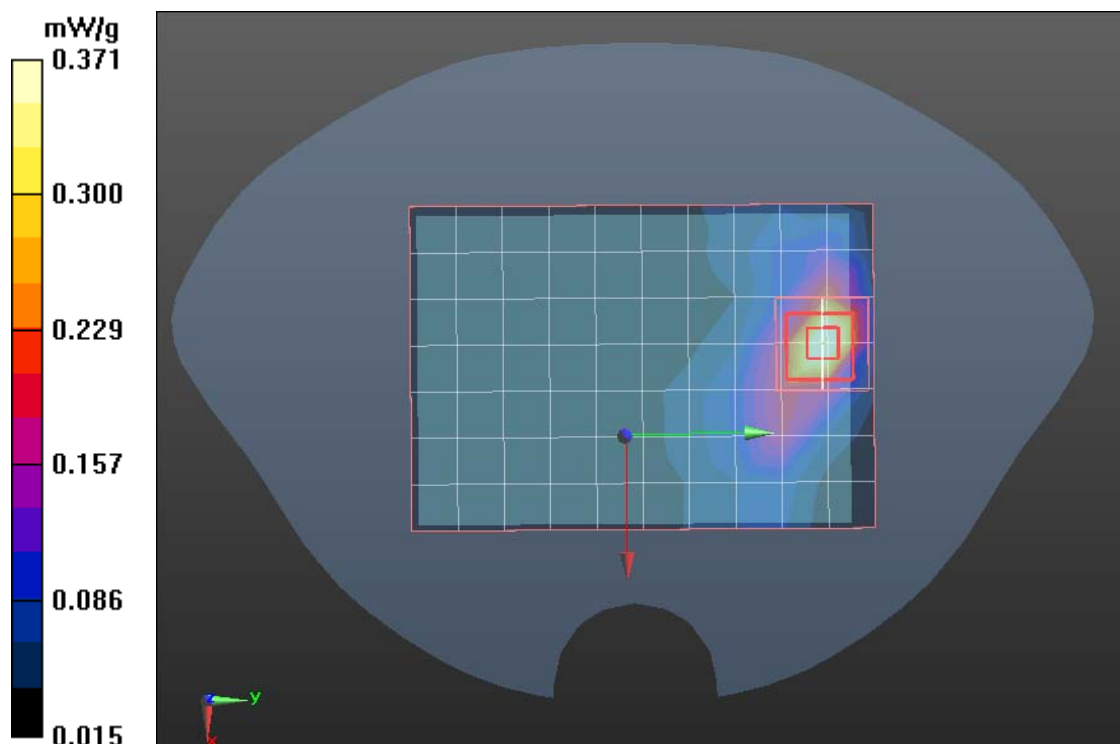
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.821 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.238 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g





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## IEEE802.11b Bobby Up Middle CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Up Middle CH6 /Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11b/IEEE802.11b Bobby Up Middle CH6 /Zoom Scan

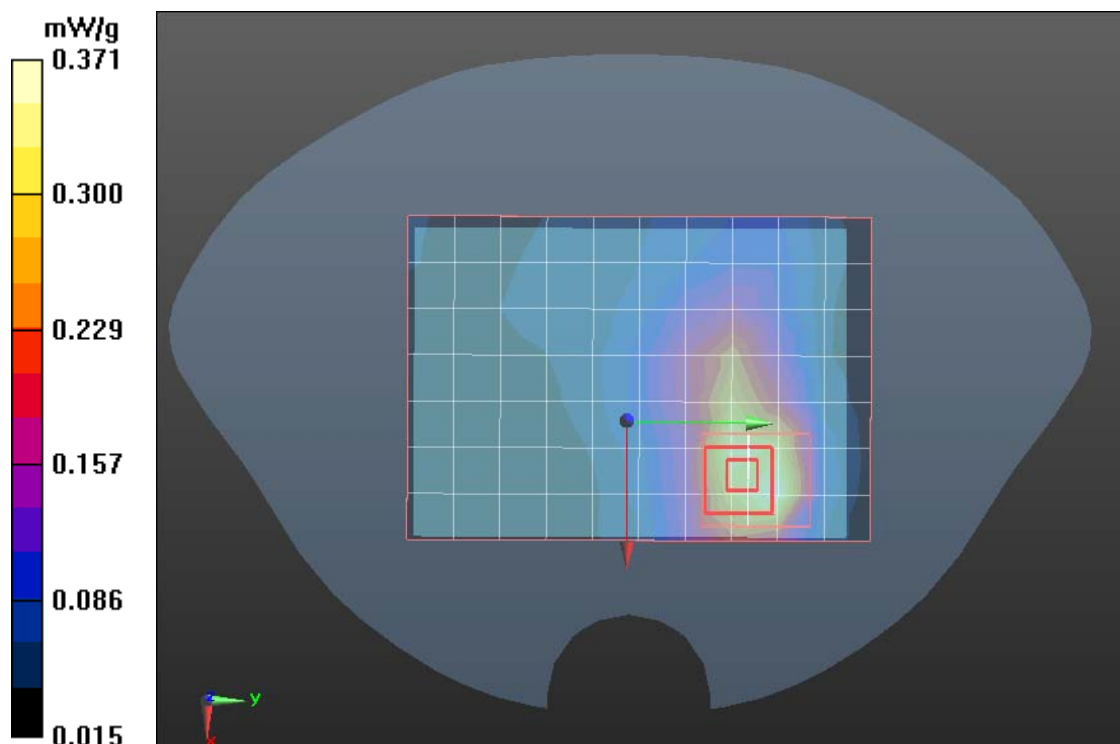
**(7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.464 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g





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## IEEE802.11b Boby Up High CH11

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.947$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Boby Up High CH11/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.624 mW/g

## IEEE802.11b/IEEE802.11b Boby Up High CH11/Zoom Scan (7x7x7)/Cube 0:

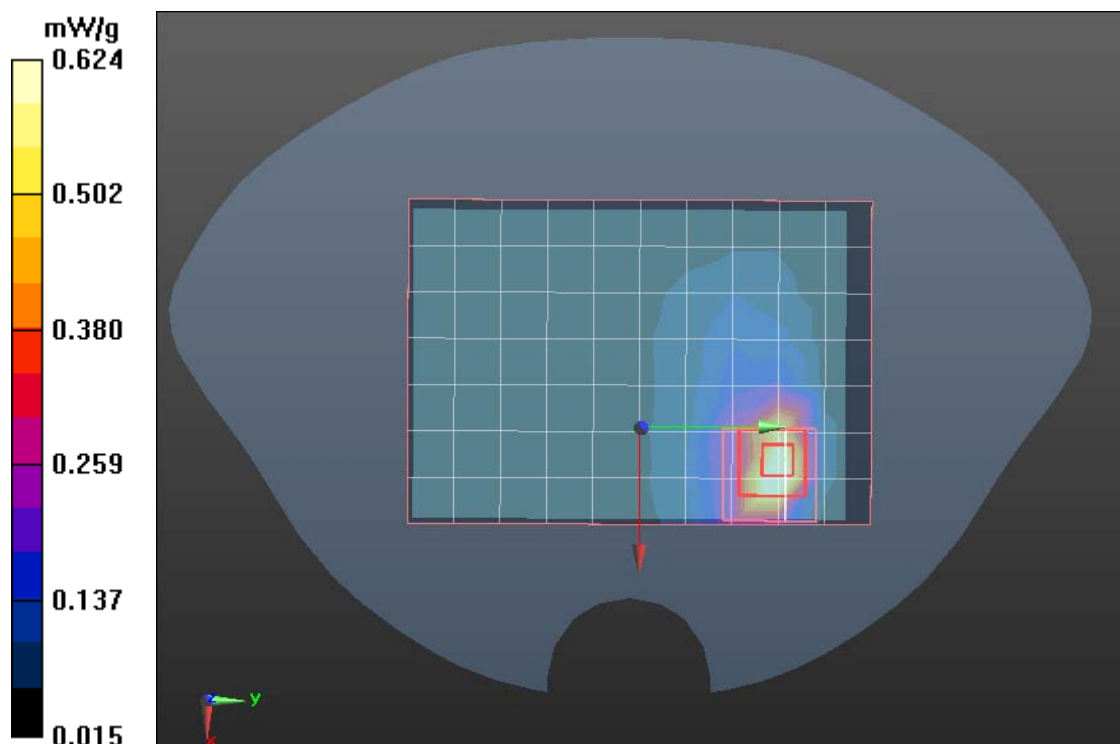
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.966 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.317 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 0.623 mW/g





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## IEEE802.11b Bobby DownCH 1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.946$  mho/m;  $\epsilon_r = 52.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby DownCH 1/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.179 mW/g

## IEEE802.11b/IEEE802.11b Bobby DownCH 1/Zoom Scan (7x7x7)/Cube 0:

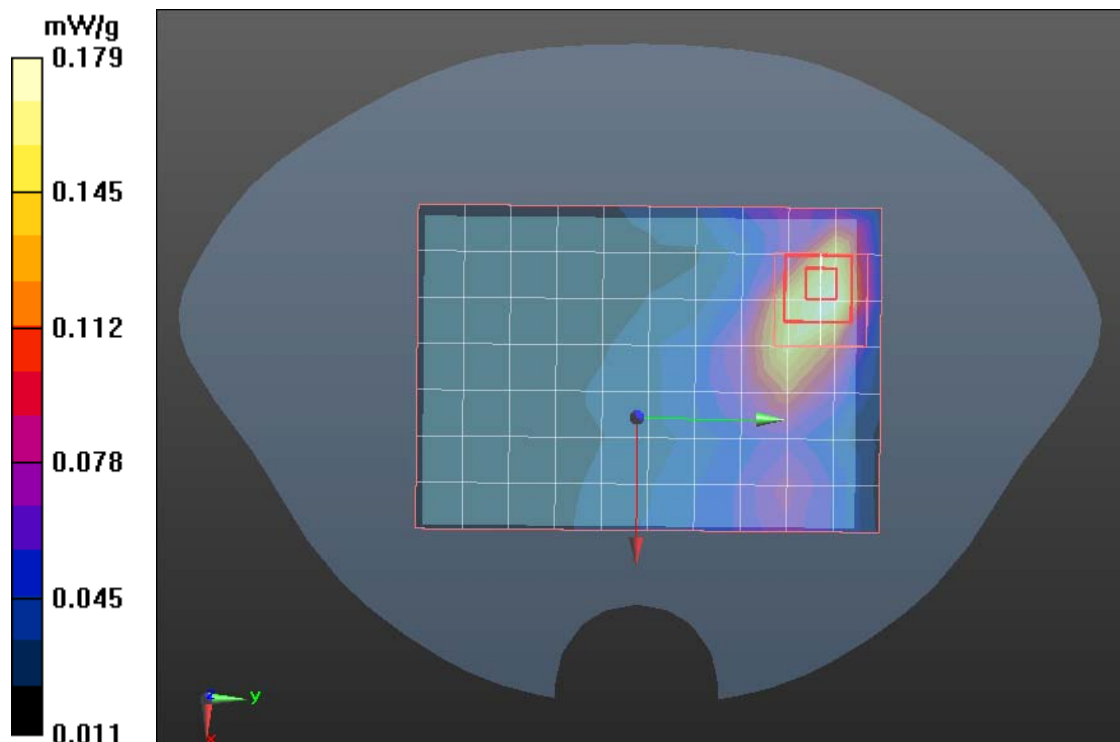
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.971 V/m; Power Drift = 0.0014 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.129 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g





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## IEEE802.11b Bobby Down CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.883$  mho/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Down CH6/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11b/IEEE802.11b Bobby Down CH6/Zoom Scan (7x7x7)/Cube 0:

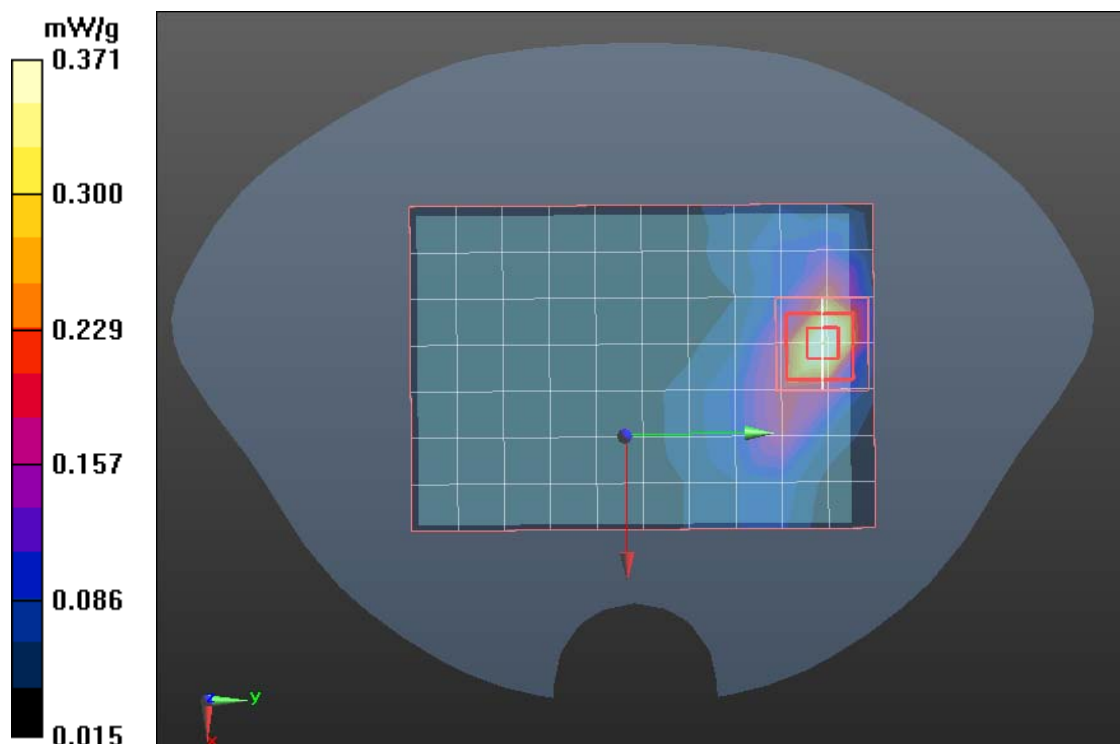
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.417 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g







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## IEEE802.11b Bobby Down CH11

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 1.8 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Down CH11/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.513 mW/g

## IEEE802.11b/IEEE802.11b Bobby Down CH11/Zoom Scan (7x7x7)/Cube

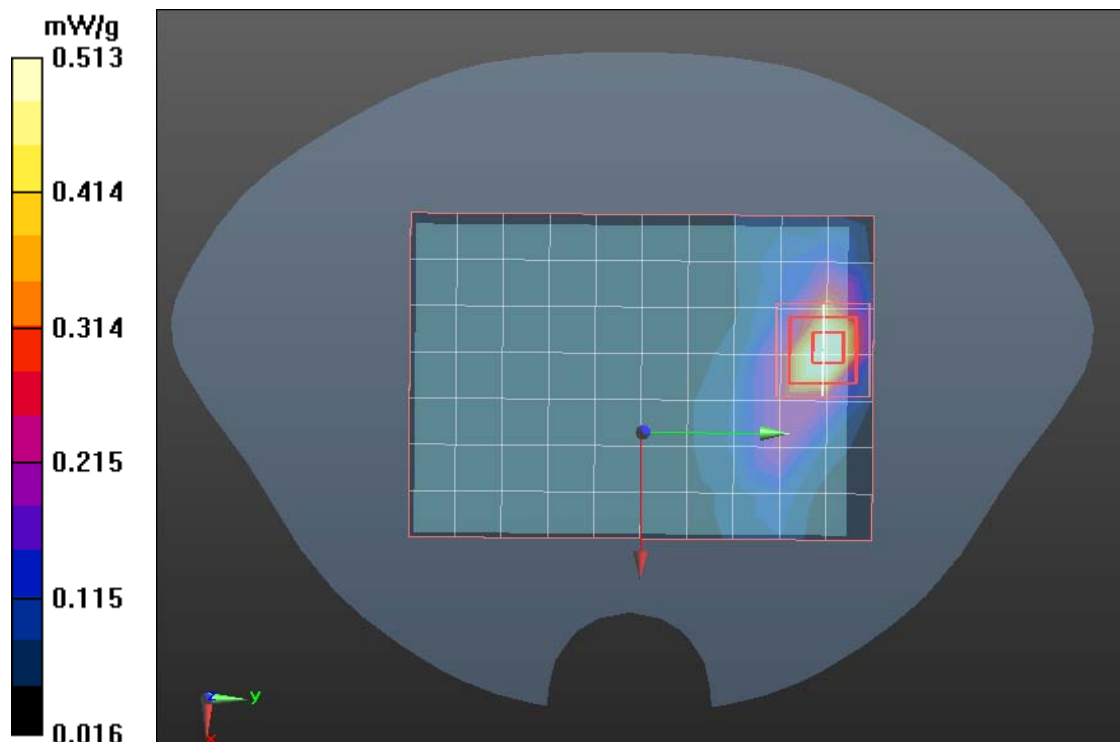
**0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.548 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.028 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g







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## IEEE802.11b Bobby Left Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Left Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.104 mW/g

## IEEE802.11b/IEEE802.11b Bobby Left Low CH1/Zoom Scan (7x7x7)

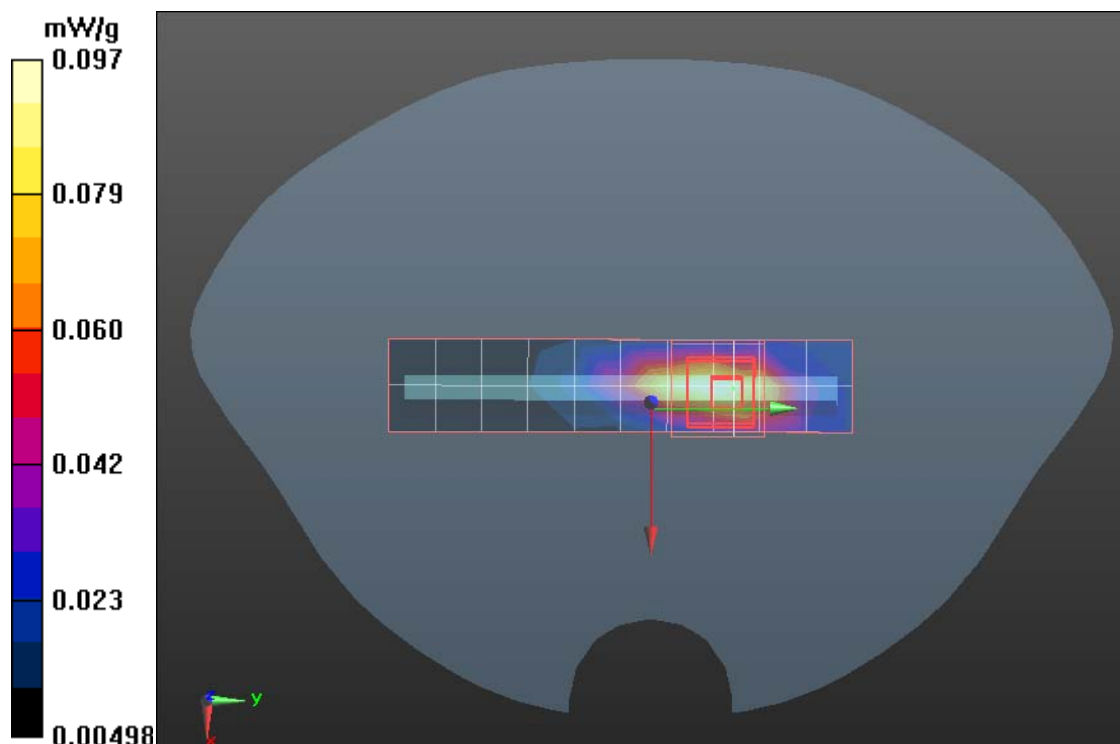
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.825 V/m; Power Drift = 0.34 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.097 mW/g





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## IEEE802.11b Bobby Left Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.961$  mho/m;  $\epsilon_r = 52.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Left Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.113 mW/g

## IEEE802.11b/IEEE802.11b Bobby Left Middle CH6/Zoom Scan (7x7x7)

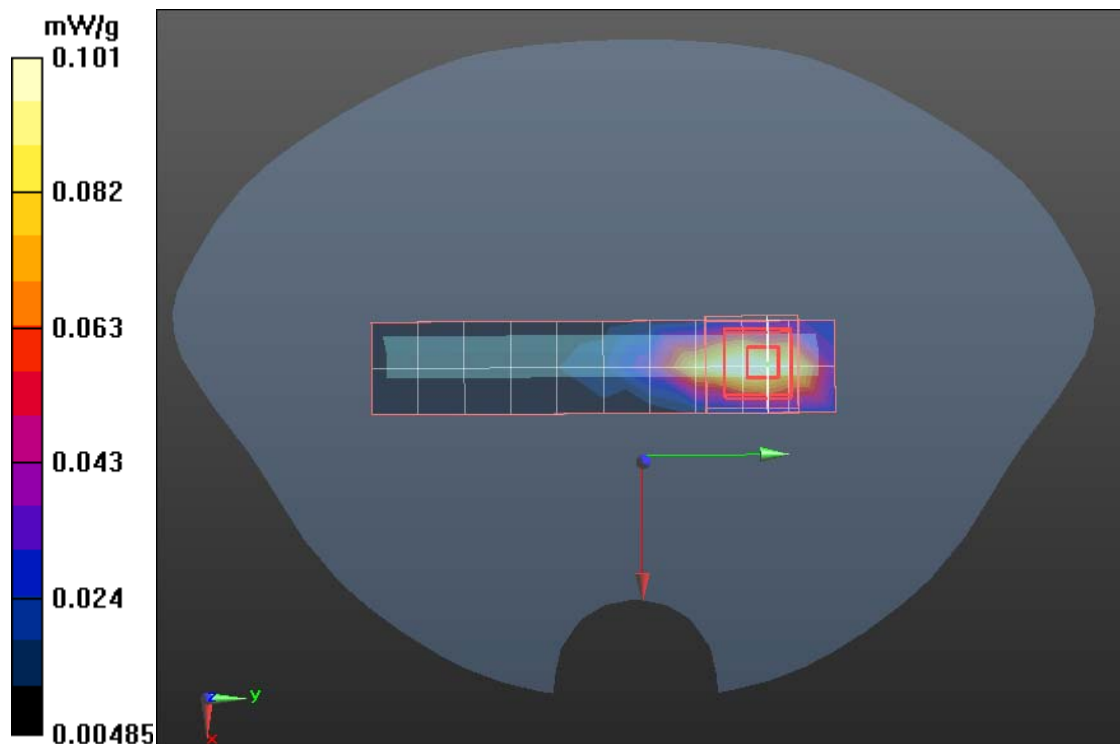
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g





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## IEEE802.11b Bobby Left High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Left High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11b/IEEE802.11b Bobby Left High CH11/Zoom Scan (7x7x7)

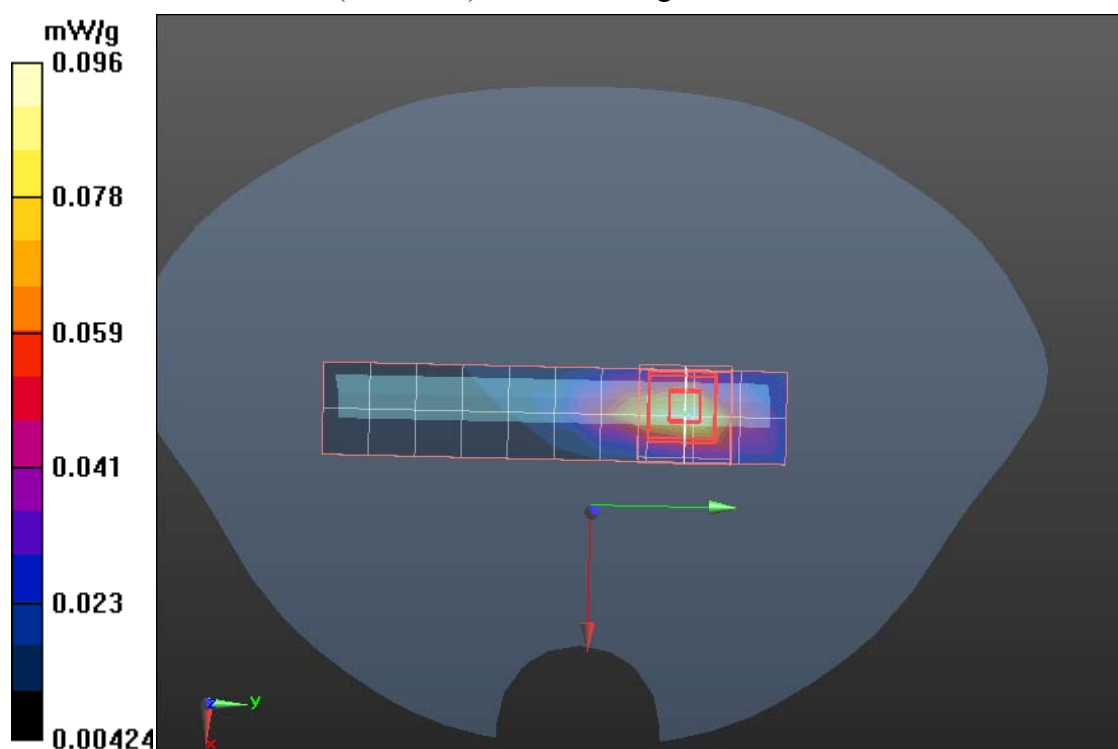
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.62 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g





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## IEEE802.11b Bobby Right Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Right Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.198 mW/g

## IEEE802.11b/IEEE802.11b Bobby Right Low CH1/Zoom Scan (7x7x7)

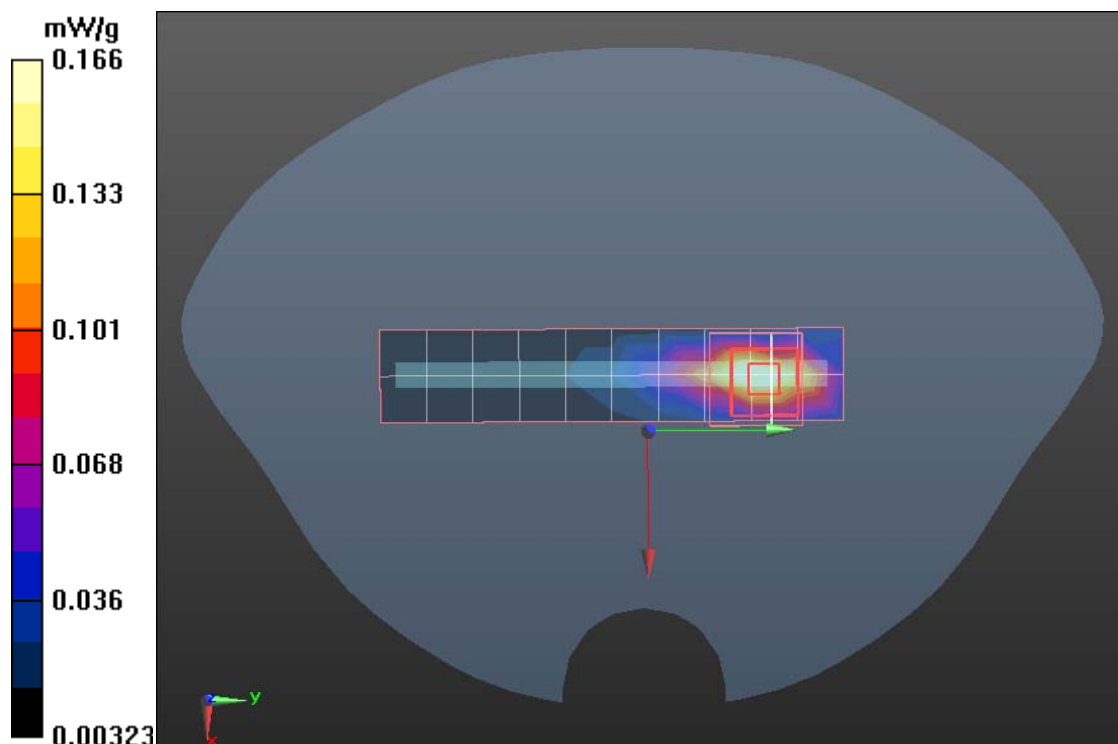
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g





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## IEEE802.11b Bobby Right Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 52.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Right Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.138 mW/g

## IEEE802.11b/IEEE802.11b Bobby Right Middle CH6/Zoom Scan (7x7x7)

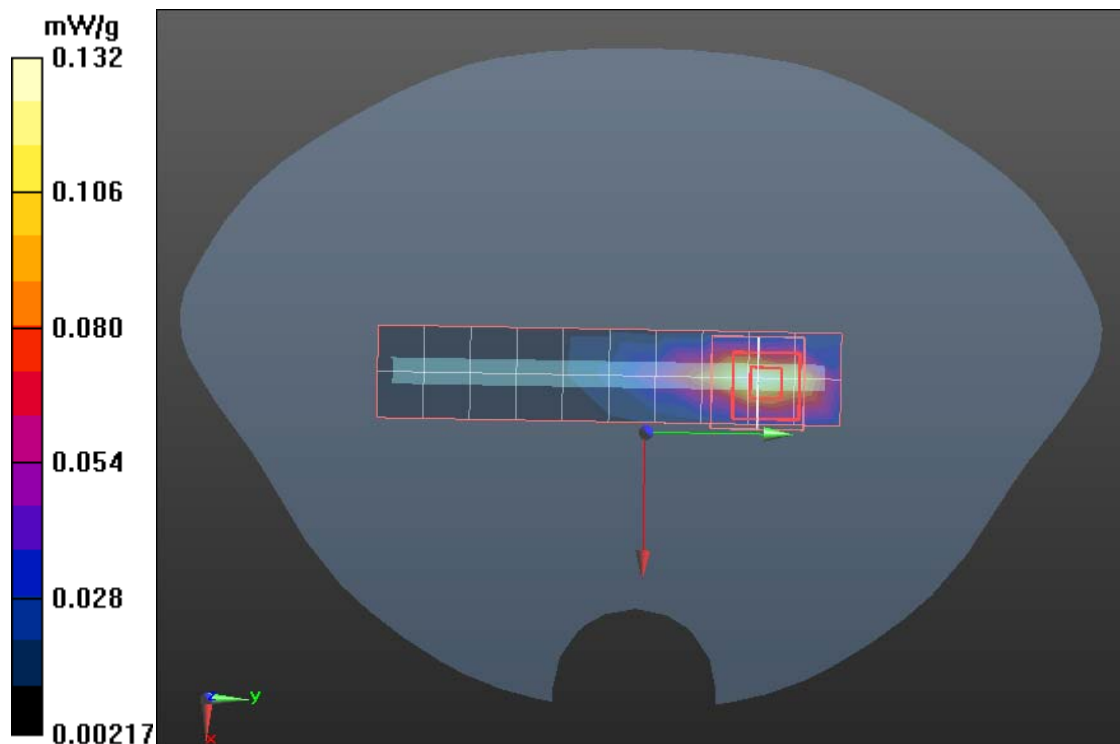
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g





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## IEEE802.11b Bobby Right High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Right High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.105 mW/g

## IEEE802.11b/IEEE802.11b Bobby Right High CH11/Zoom Scan (7x7x7)

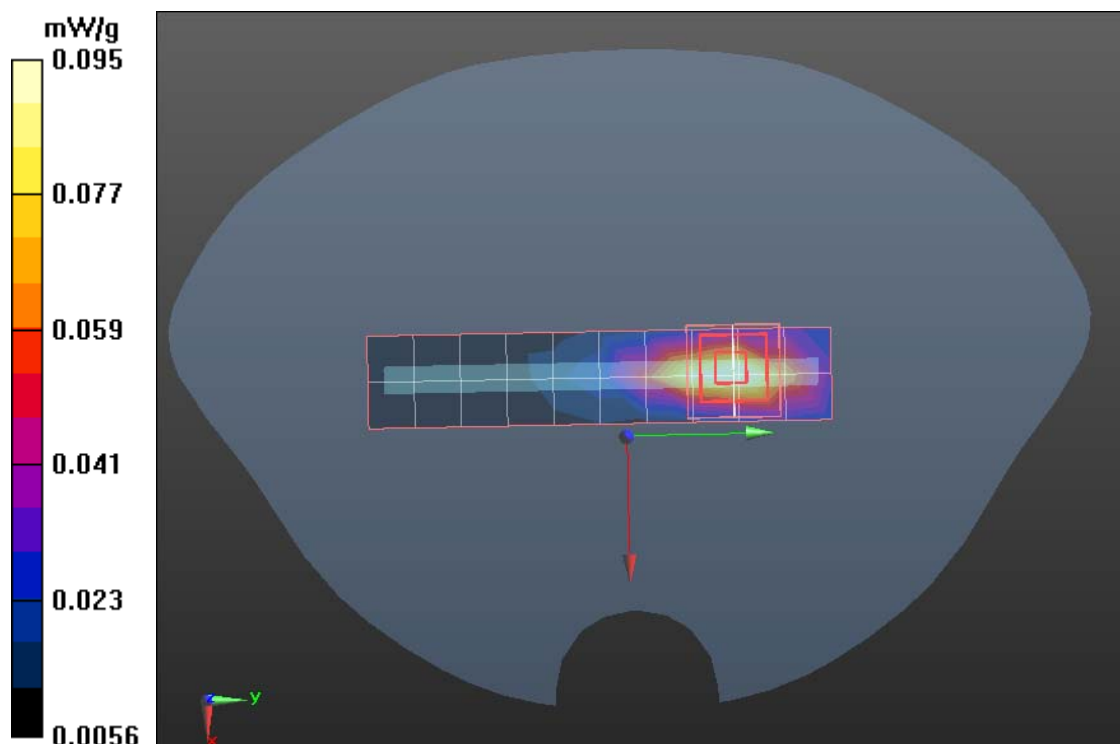
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11b Bobby Top Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.896$  mho/m;  $\epsilon_r = 52.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Top Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.104 mW/g

## IEEE802.11b/IEEE802.11b Bobby Top Low CH1/Zoom Scan (7x7x7)

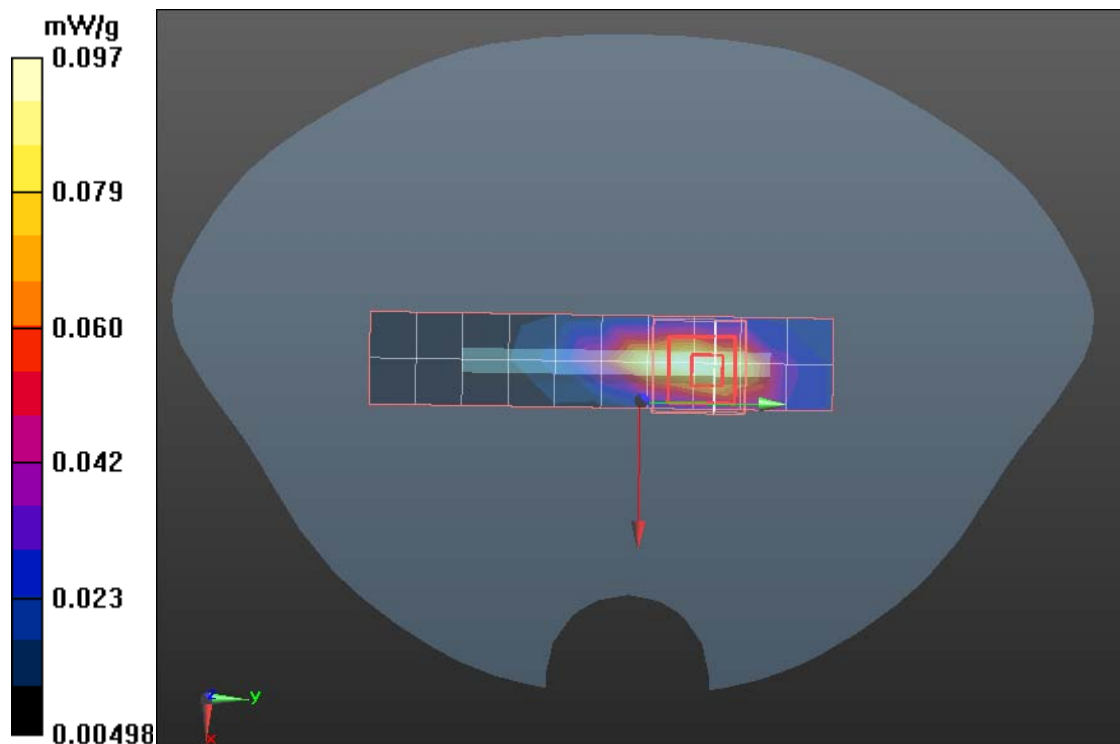
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.825 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.097 mW/g







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## IEEE802.11b Bobby Top Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.968$  mho/m;  $\epsilon_r = 52.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Top Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.113 mW/g

## IEEE802.11b/IEEE802.11b Bobby Top Middle CH6/Zoom Scan (7x7x7)

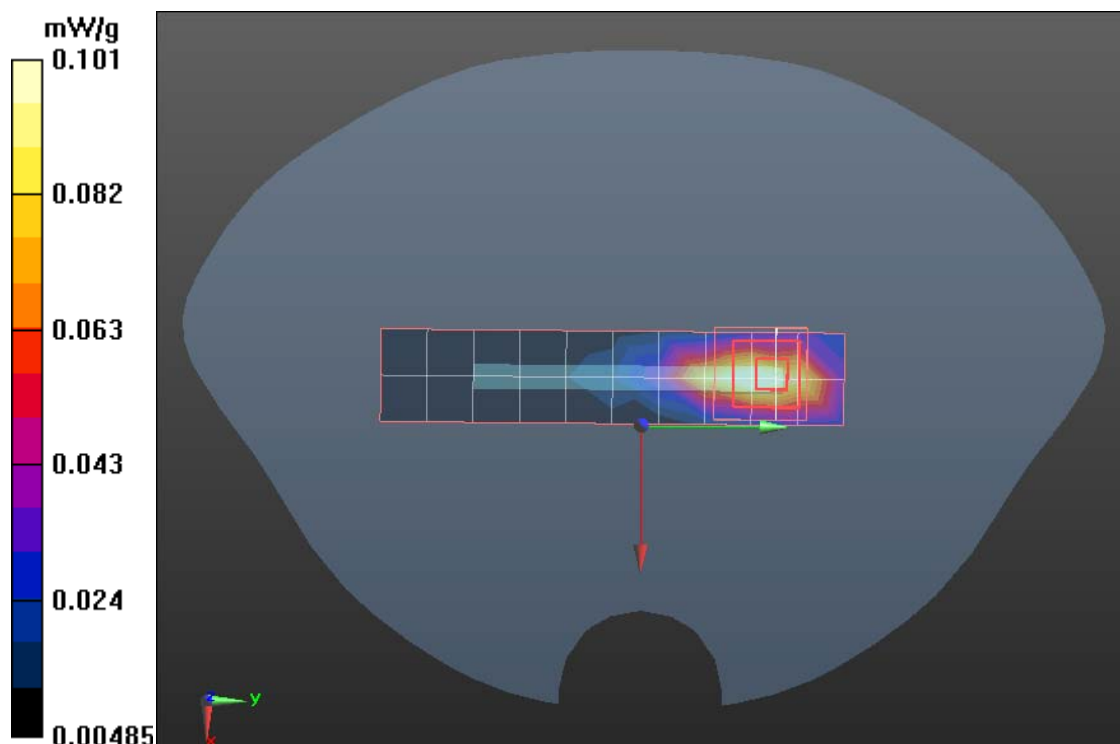
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11b Bobby Top High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Bobby Top High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11b/IEEE802.11b Bobby Top High CH11/Zoom Scan (7x7x7)

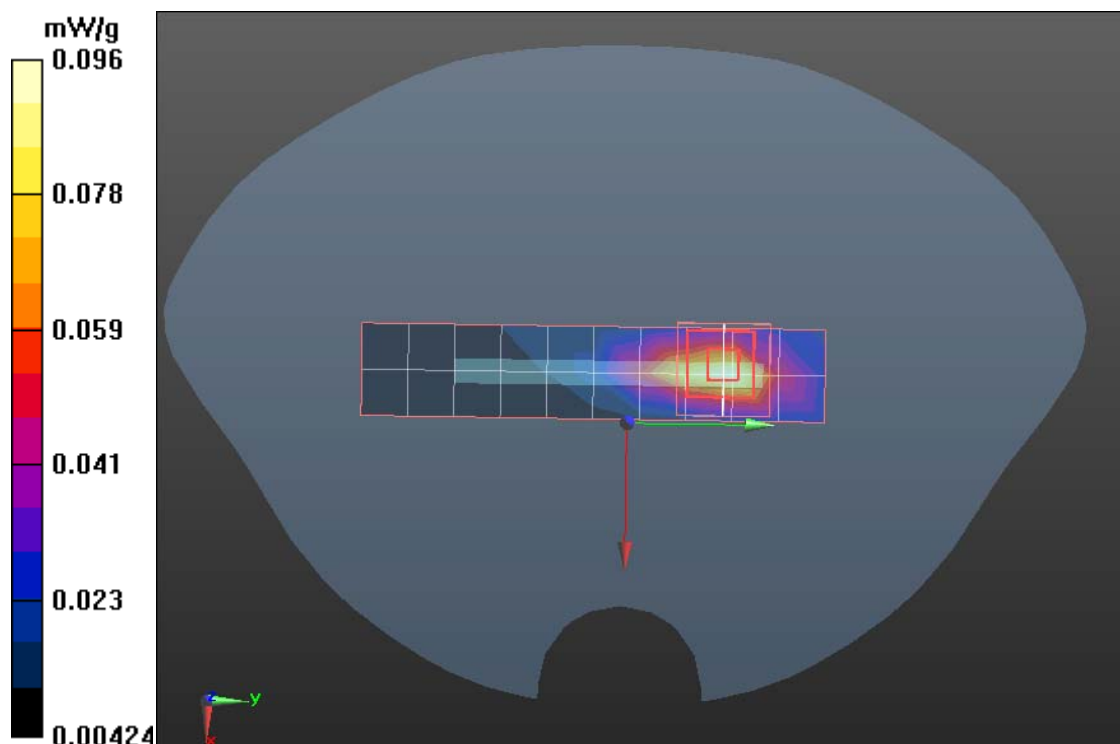
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g





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## IEEE802.11b Boby End Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 53.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Boby End Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.198 mW/g

## IEEE802.11b/IEEE802.11b Boby End Low CH1/Zoom Scan (7x7x7)

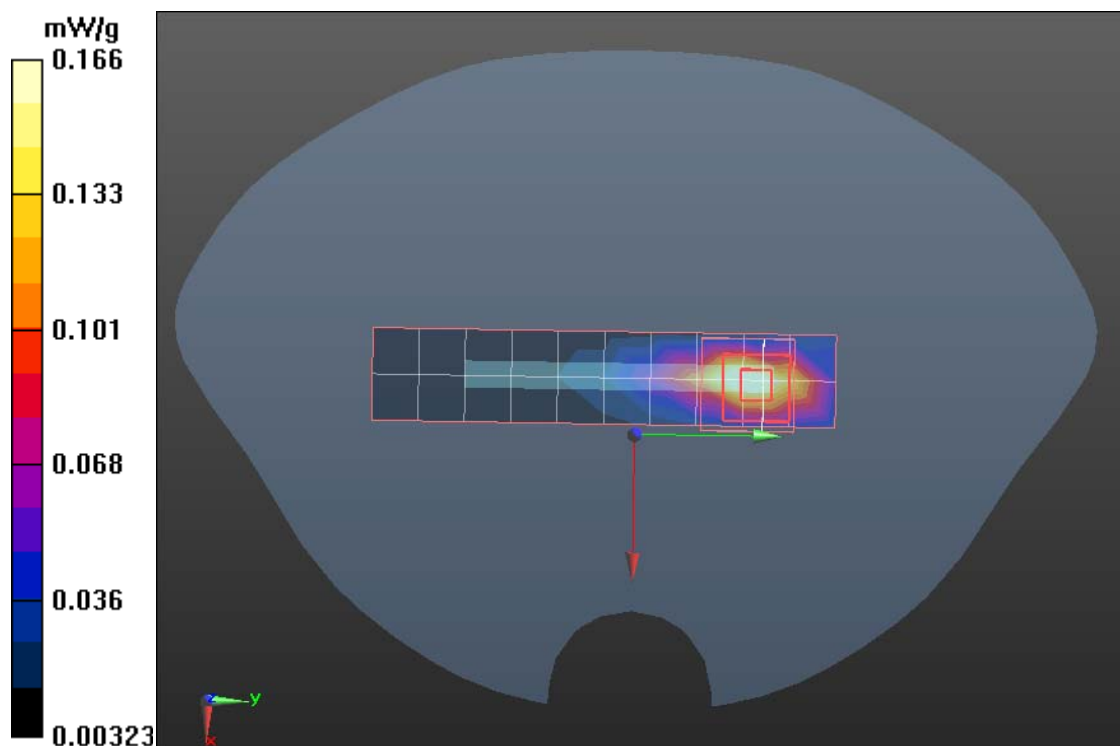
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g





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## IEEE802.11b Boby End Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.10$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Boby End Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.138 mW/g

## IEEE802.11b/IEEE802.11b Boby End Middle CH6/Zoom Scan (7x7x7)

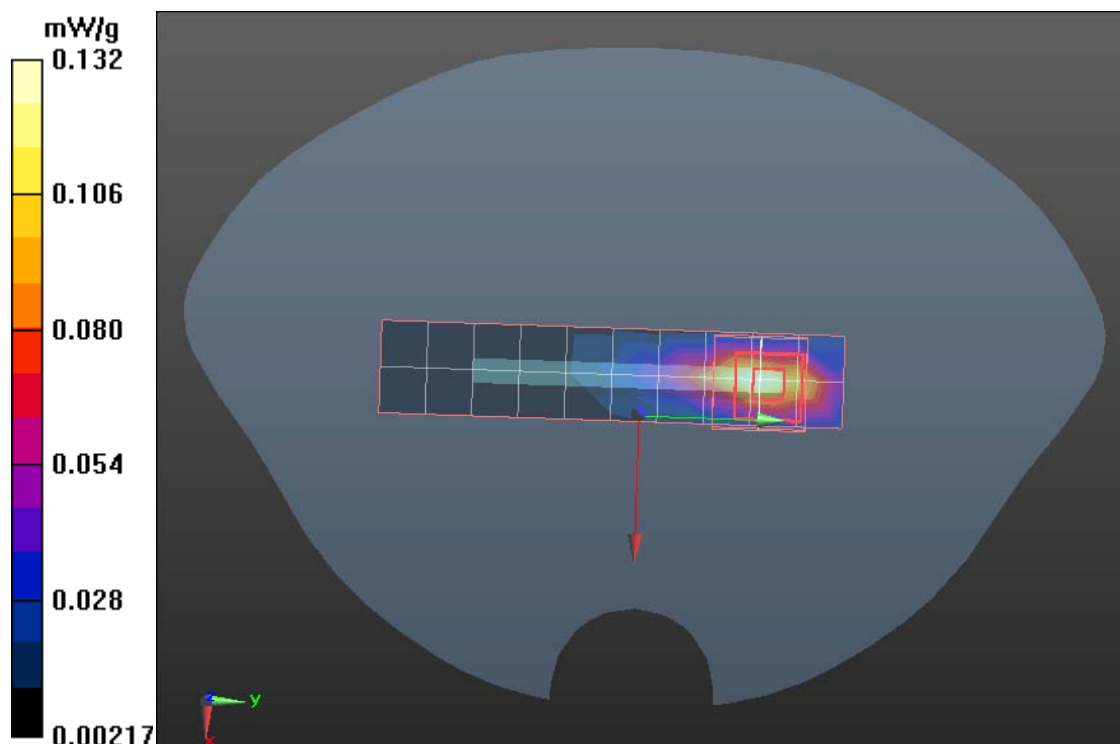
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.050 mW/g.**

Maximum value of SAR (measured) = 0.132 mW/g





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## IEEE802.11b Boby End High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11b; Communication System Band: B; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11b/IEEE802.11b Boby End High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.105 mW/g

## IEEE802.11b/IEEE802.11b Boby End High CH11/Zoom Scan (7x7x7)

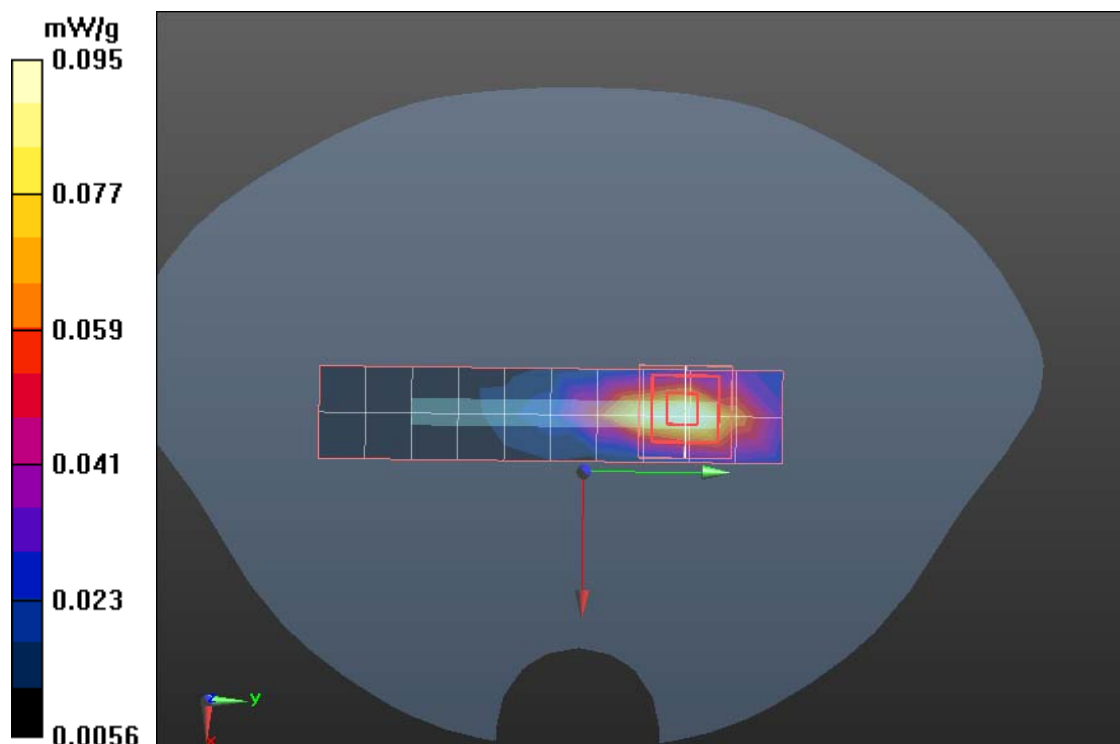
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





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## IEEE802.11g Bobby Up Low CH1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.943$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Up Low CH1/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11g/IEEE802.11g Bobby Up Low CH1/Zoom Scan (7x7x7)/Cube 0:

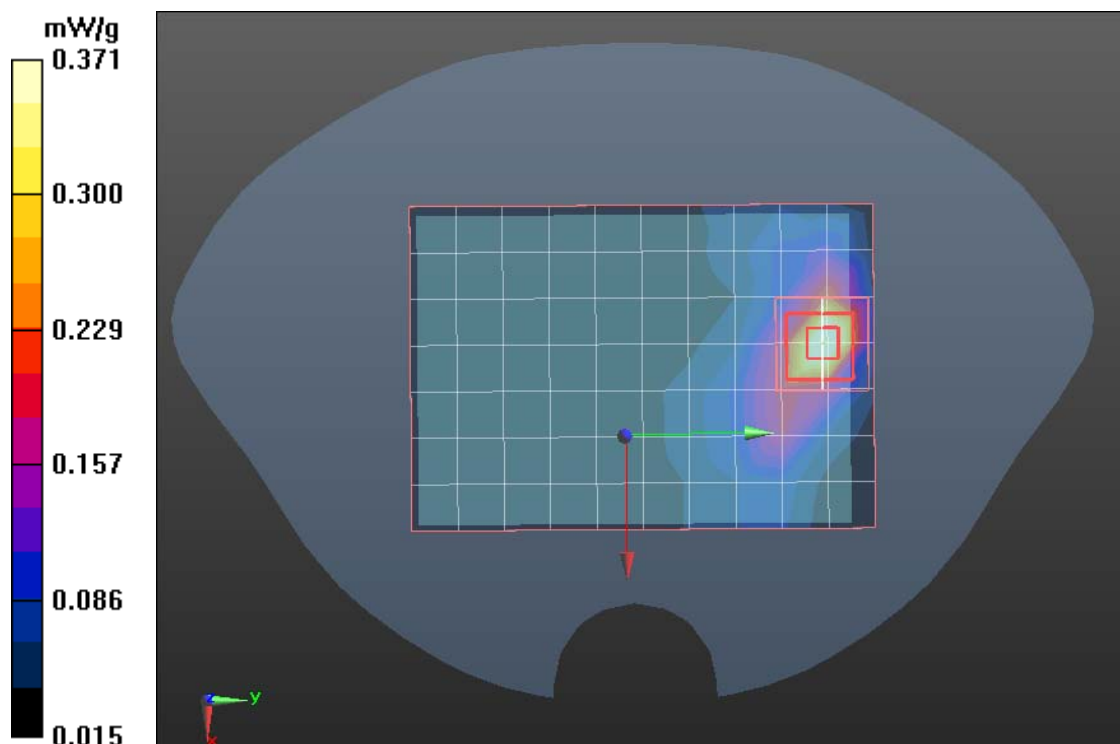
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.821 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g





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## IEEE802.11g Bobby Up Middle CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Up Middle CH6 /Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11g/IEEE802.11g Bobby Up Middle CH6 /Zoom Scan

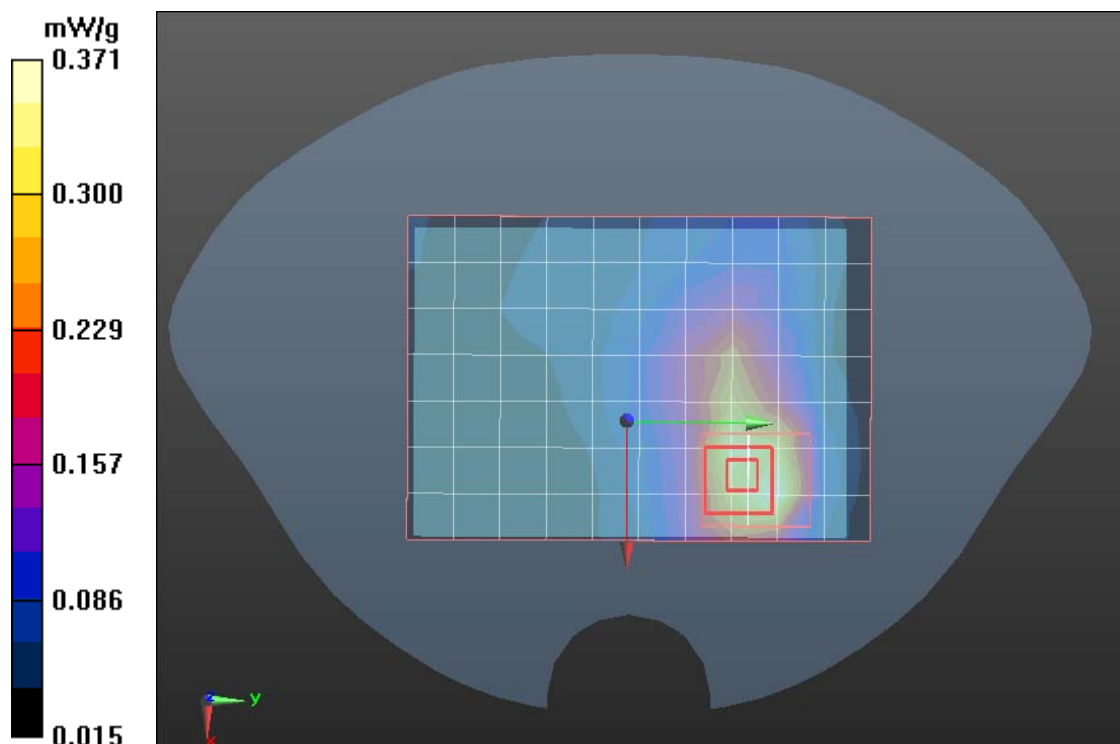
(7x8x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.464 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g







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## IEEE802.11g Bobby Up High CH11

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.947$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Up High CH11/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.624 mW/g

## IEEE802.11g/IEEE802.11g Bobby Up High CH11/Zoom Scan (7x7x7)/Cube 0:

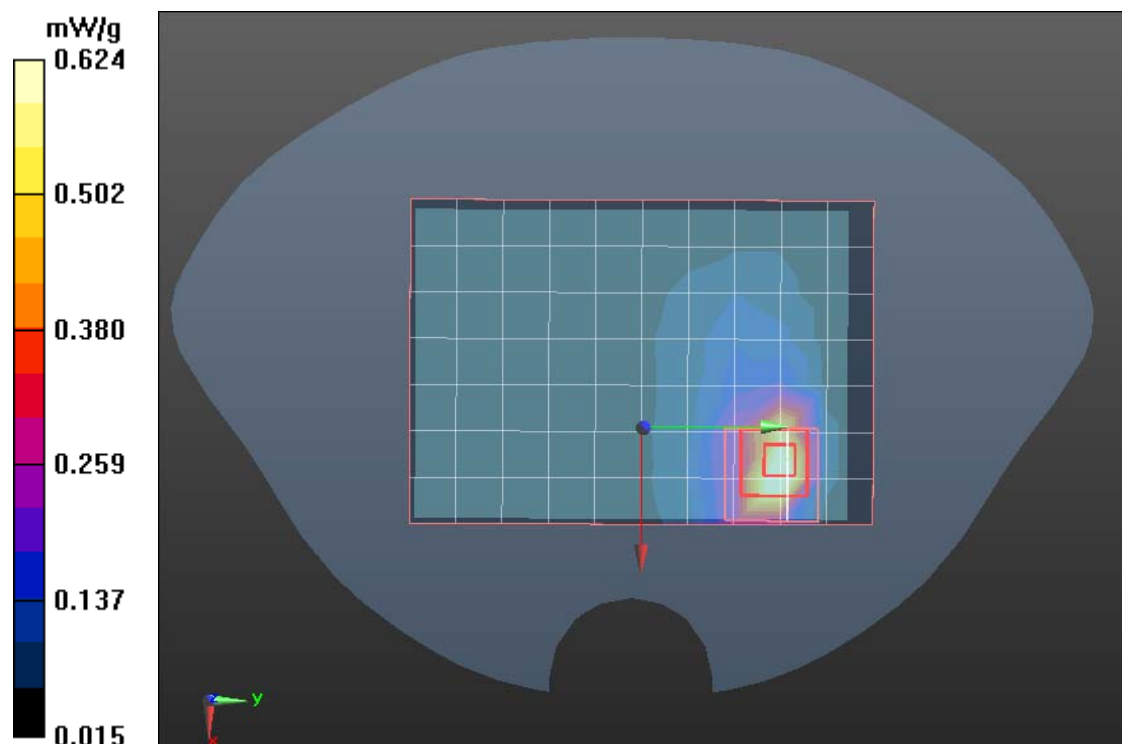
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.966 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.317 W/kg

**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.623 mW/g





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## IEEE802.11g Bobby DownCH 1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.946$  mho/m;  $\epsilon_r = 52.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby DownCH 1/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11g/IEEE802.11g Bobby DownCH 1/Zoom Scan (7x7x7)/Cube 0:

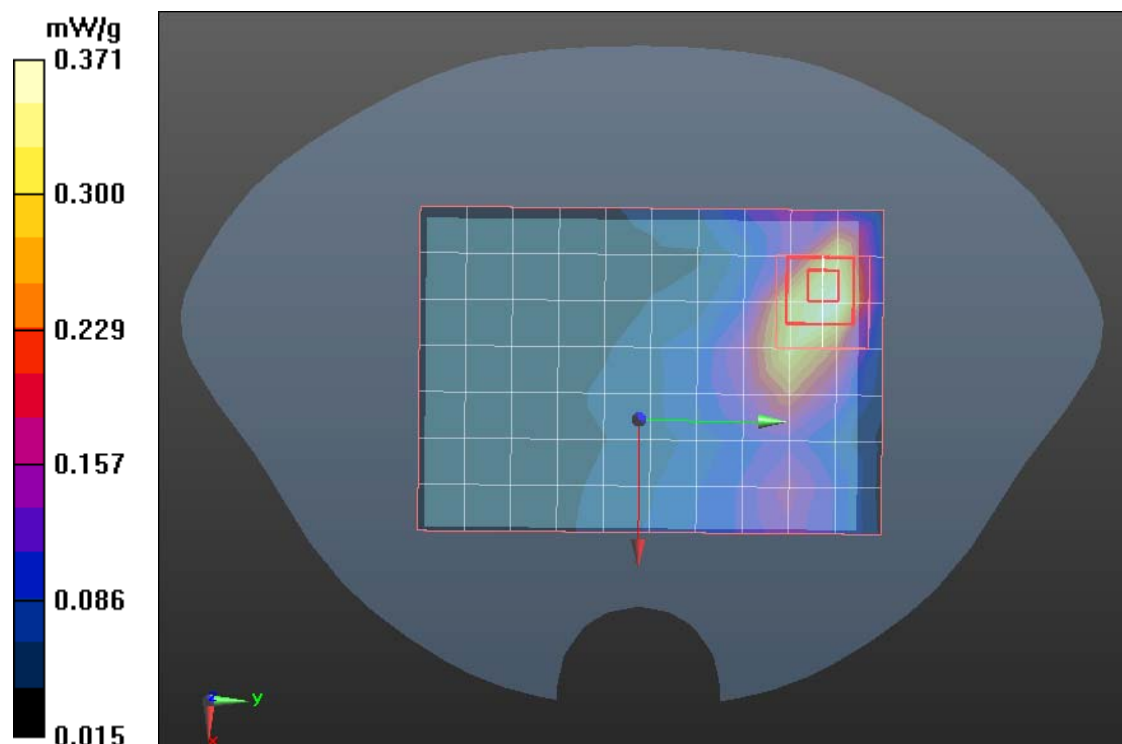
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.971 V/m; Power Drift = 0.0014 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.129 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g





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## IEEE802.11g Bobby Down CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.883$  mho/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Down CH6/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11g/IEEE802.11g Bobby Down CH6/Zoom Scan (7x7x7)/Cube 0:

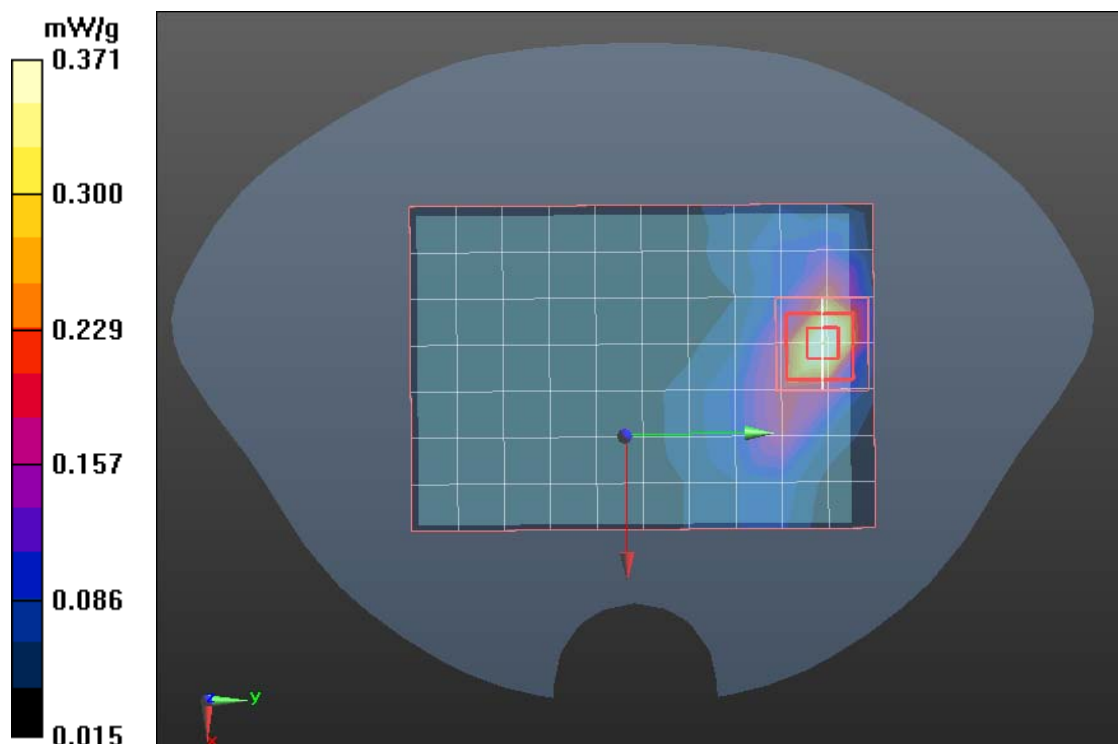
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.417 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Down CH11

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2467 MHz; Communication System PAR: 1.8 dB

Medium parameters used (interpolated):  $f = 2467$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Down CH11/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.513 mW/g

## IEEE802.11g/IEEE802.11g Bobby Down CH11/Zoom Scan (7x7x7)/Cube

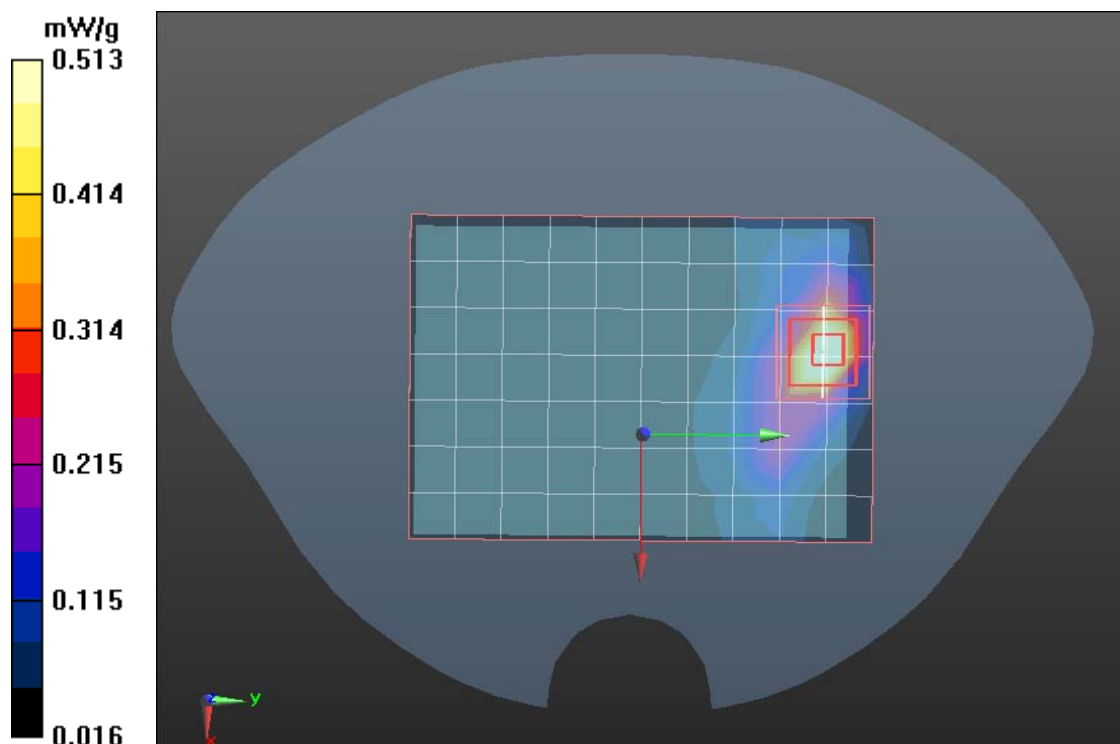
**0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.548 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.028 W/kg

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g





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## IEEE802.11g Bobby Left Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Left Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.104 mW/g

## IEEE802.11g/IEEE802.11g Bobby Left Low CH1/Zoom Scan (7x7x7)

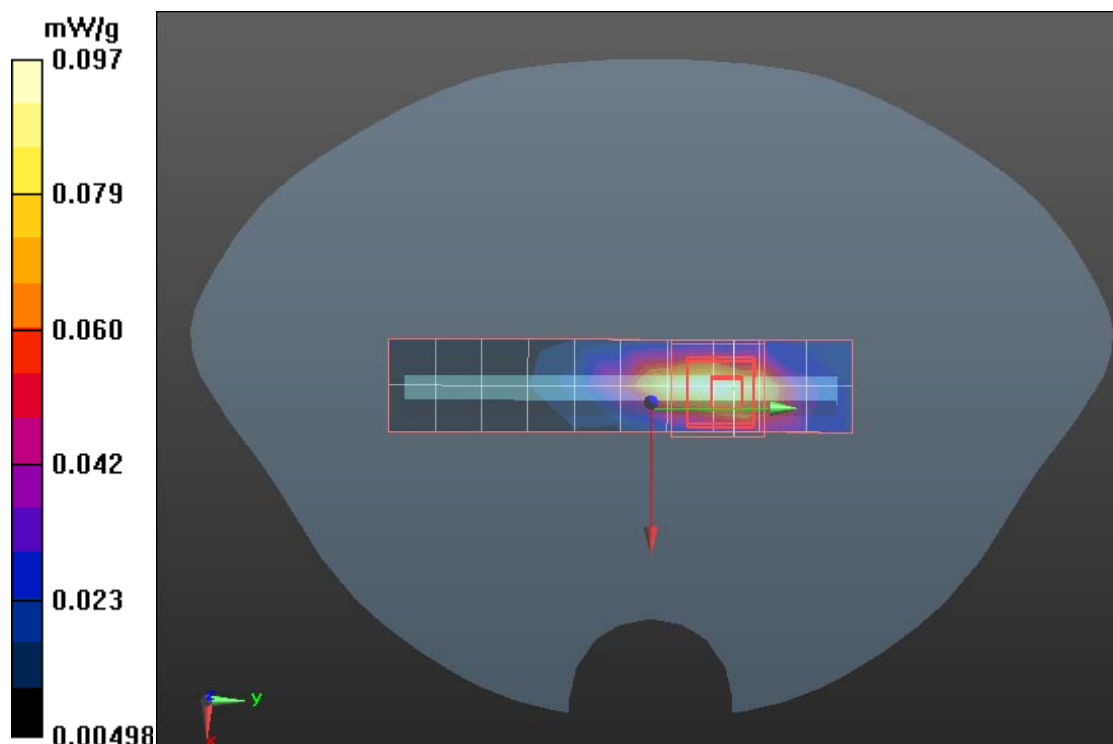
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.825 V/m; Power Drift = 0.34 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.097 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Left Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.961$  mho/m;  $\epsilon_r = 52.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Left Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.113 mW/g

## IEEE802.11g/IEEE802.11g Bobby Left Middle CH6/Zoom Scan (7x7x7)

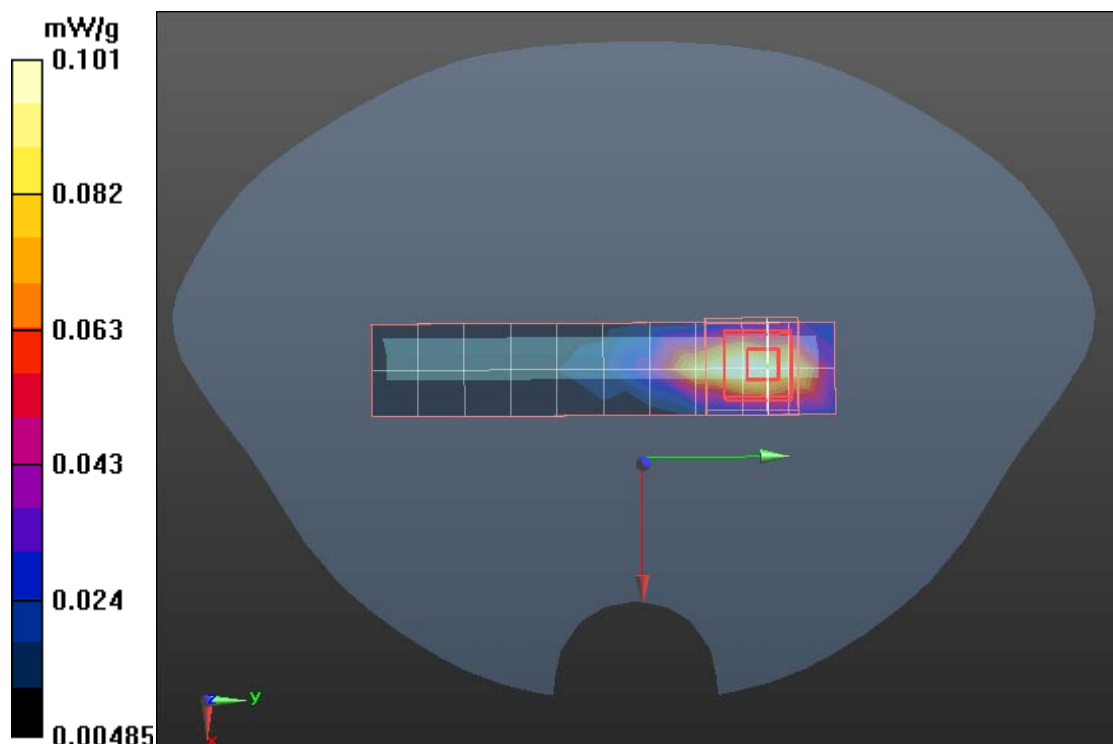
(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Left High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2467 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2467$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Left High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11g/IEEE802.11g Bobby Left High CH11/Zoom Scan (7x7x7)

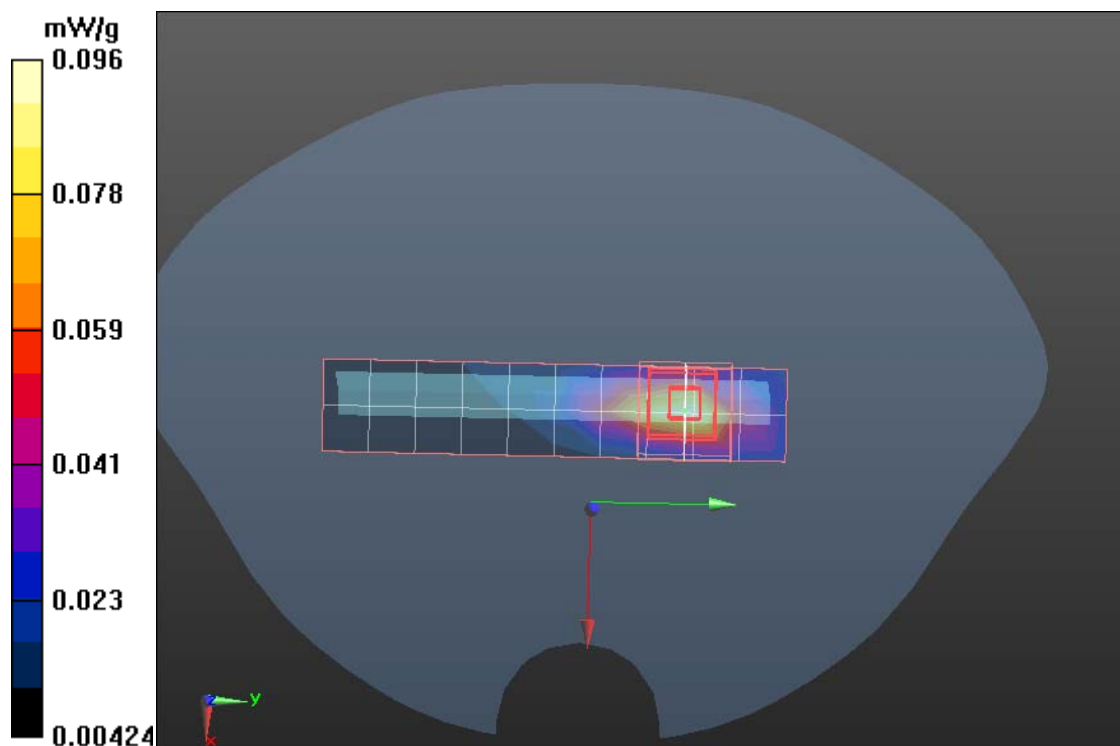
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.62 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Right Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Right Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.198 mW/g

## IEEE802.11g/IEEE802.11g Bobby Right Low CH1/Zoom Scan (7x7x7)

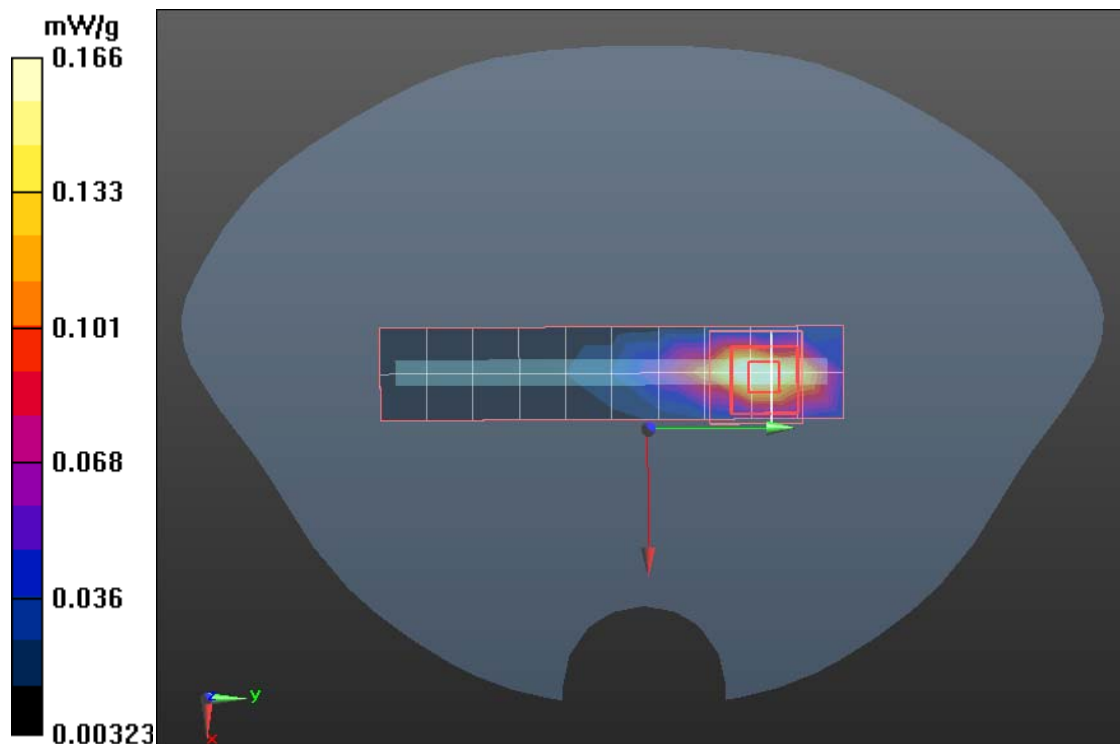
(7x7x7)/Cube 0: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Right Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 52.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Right Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.138 mW/g

## IEEE802.11g/IEEE802.11g Bobby Right Middle CH6/Zoom Scan (7x7x7)

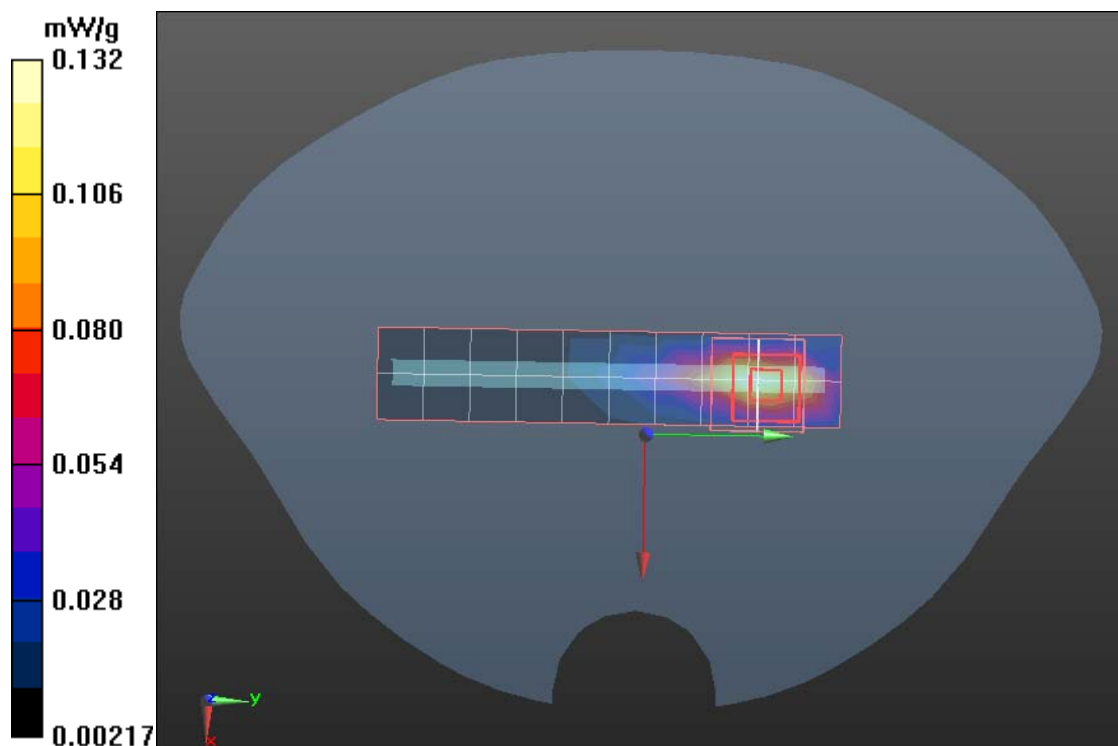
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Right High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Right High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.105 mW/g

## IEEE802.11g/IEEE802.11g Bobby Right High CH11/Zoom Scan (7x7x7)

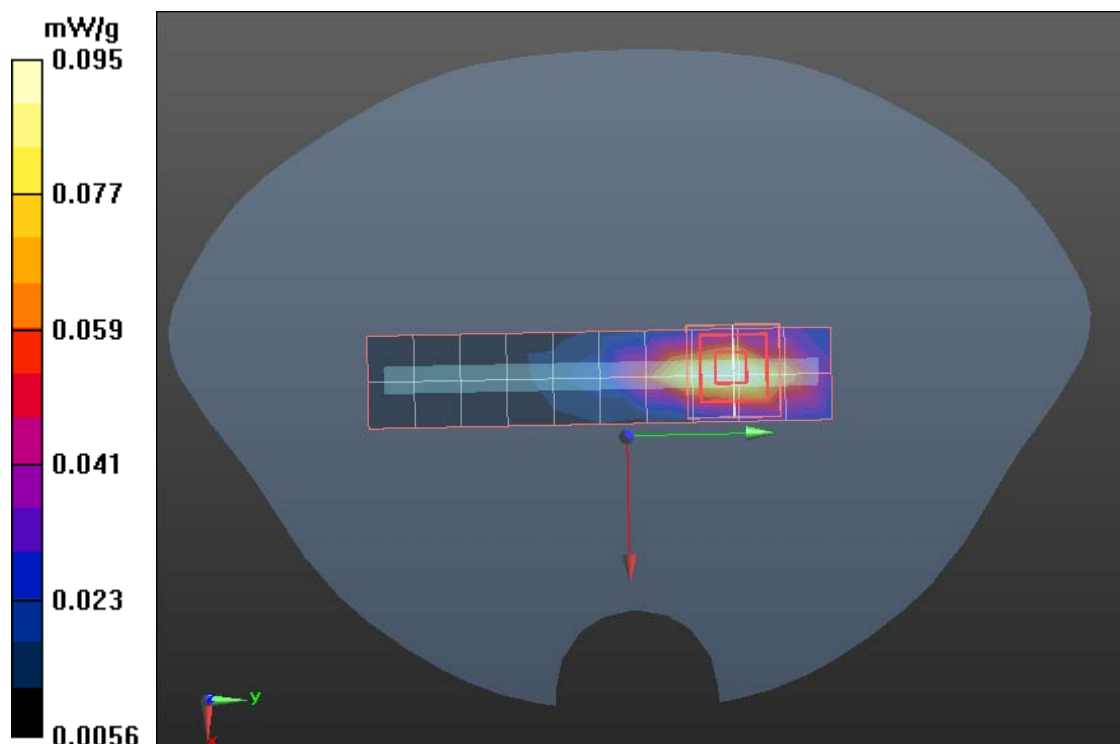
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





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## IEEE802.11g Bobby Top Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.896$  mho/m;  $\epsilon_r = 52.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Top Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11g/IEEE802.11g Bobby Top Low CH1/Zoom Scan (7x7x7)

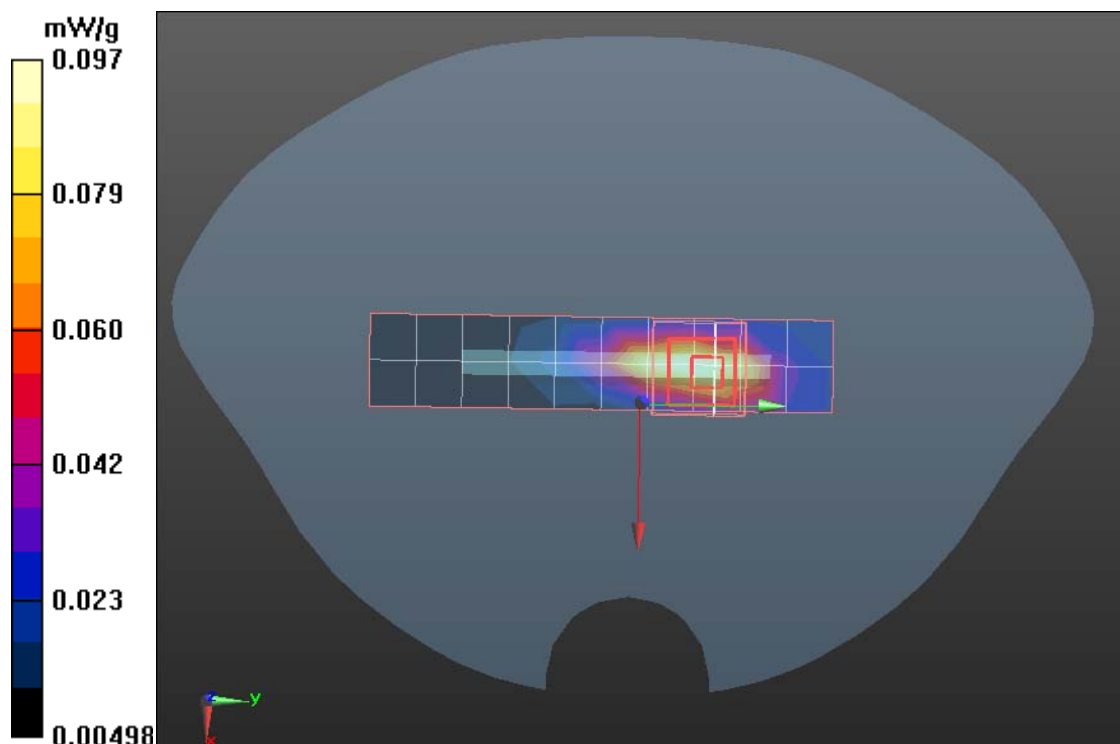
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.825 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





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## IEEE802.11g Bobby Top Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.968$  mho/m;  $\epsilon_r = 52.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Top Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.101 mW/g

## IEEE802.11g/IEEE802.11g Bobby Top Middle CH6/Zoom Scan (7x7x7)

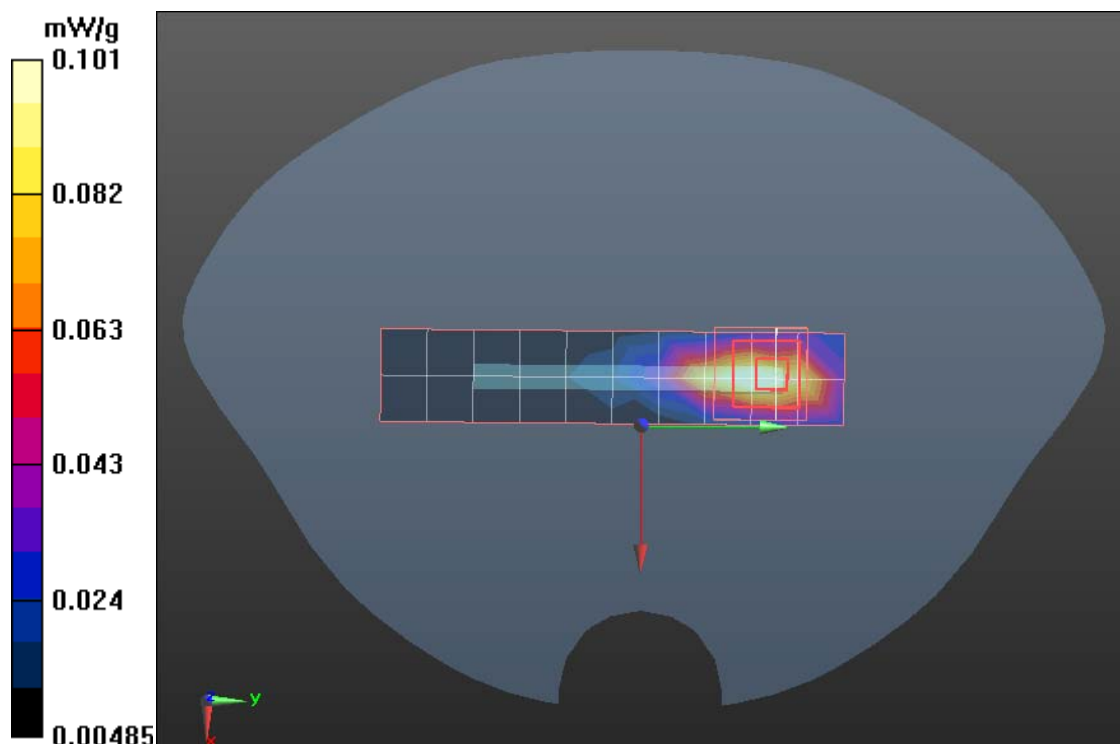
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.10 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby Top High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby Top High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.096 mW/g

## IEEE802.11g/IEEE802.11g Bobby Top High CH11/Zoom Scan (7x7x7)

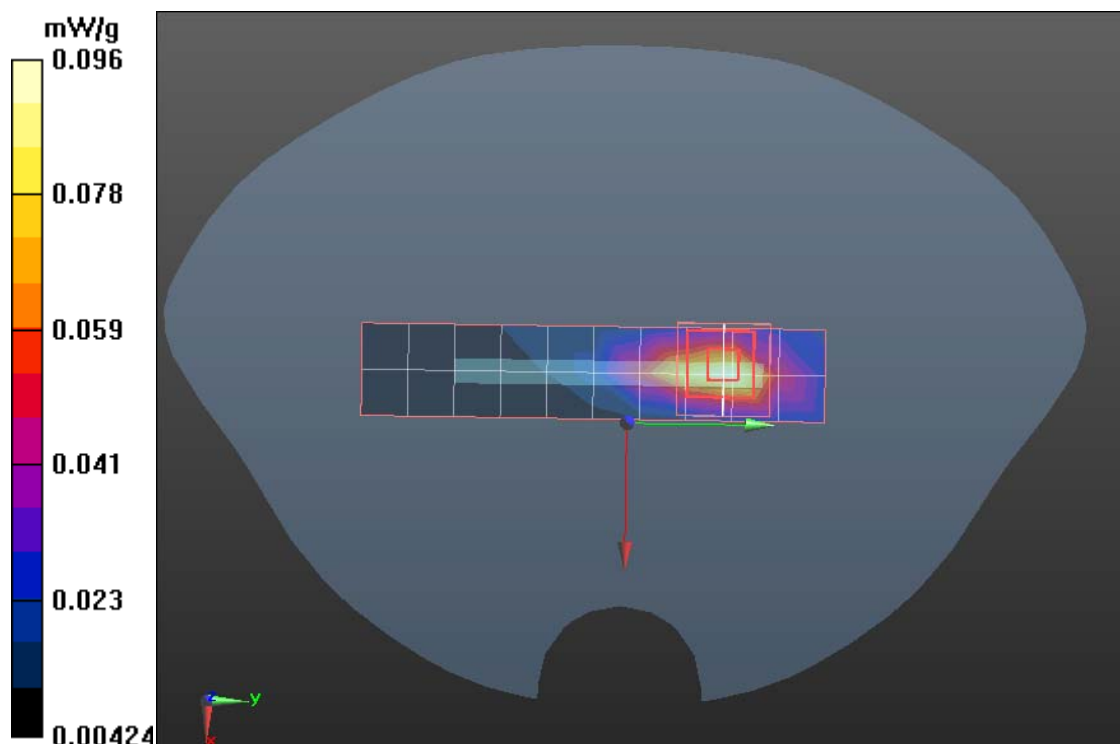
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





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## IEEE802.11g Bobby End Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 53.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby End Low CH1/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.166 mW/g

## IEEE802.11g/IEEE802.11g Bobby End Low CH1/Zoom Scan (7x7x7)

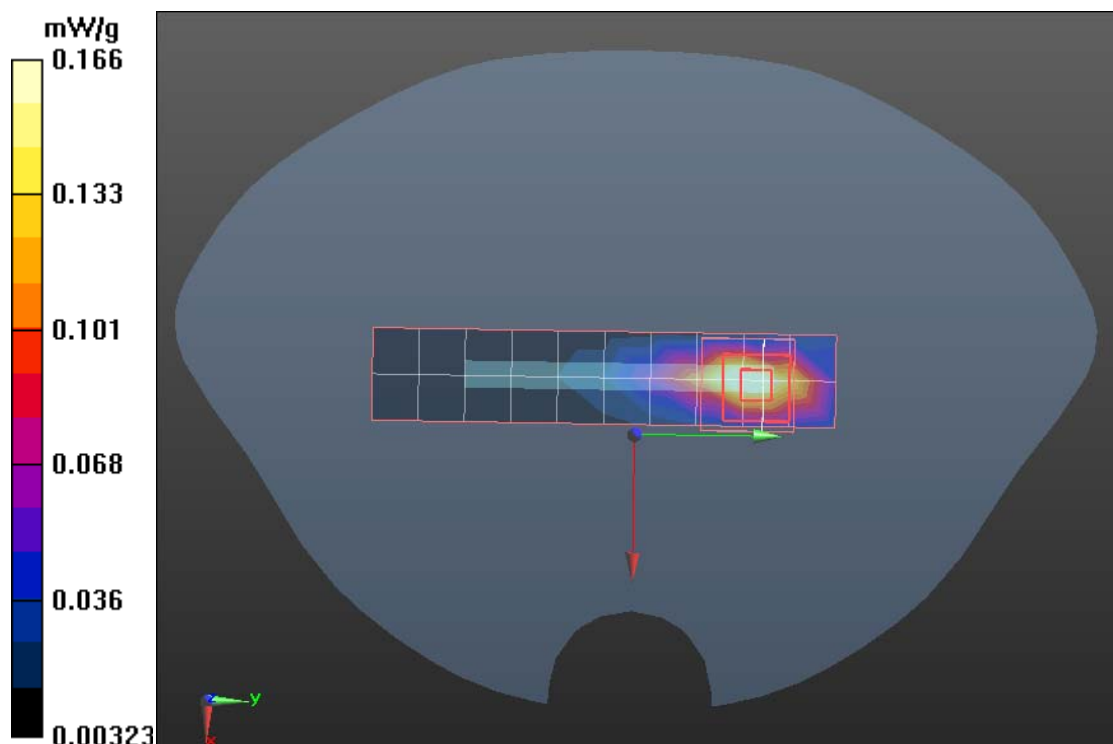
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.156 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby End Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.10$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby End Middle CH6/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.138 mW/g

## IEEE802.11g/IEEE802.11g Bobby End Middle CH6/Zoom Scan (7x7x7)

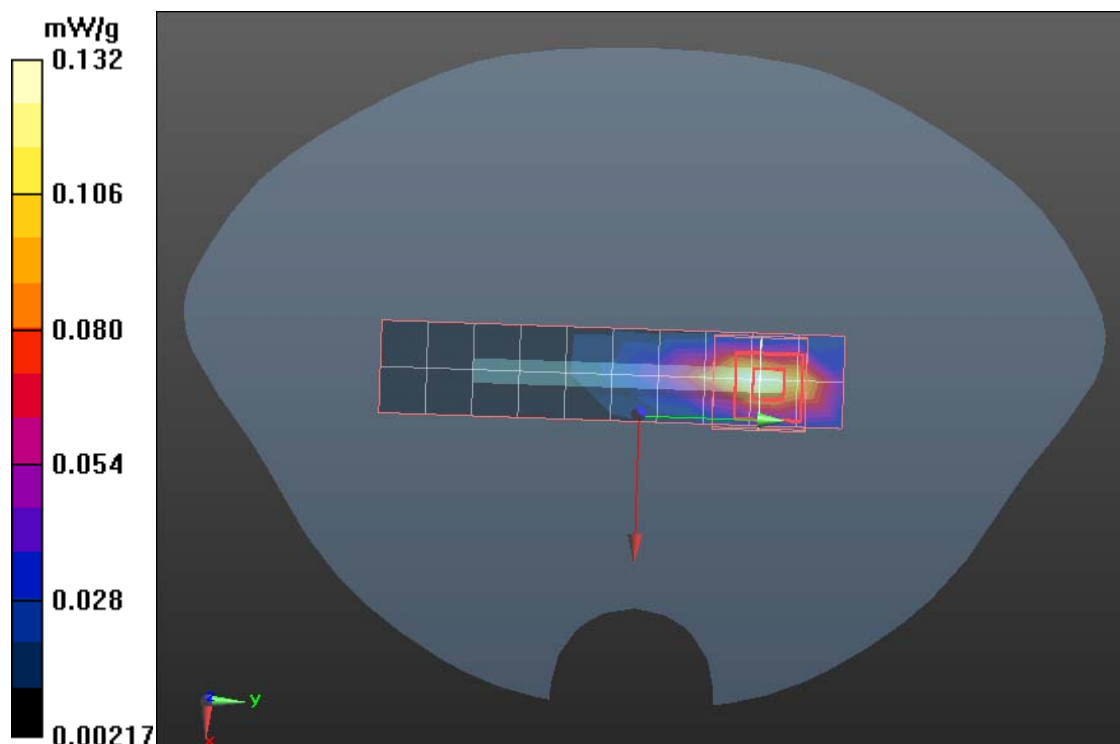
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.132 W/kg

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.059 mW/g.**

Maximum value of SAR (measured) = 0.122 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11g Bobby End High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: G; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11g/IEEE802.11g Bobby End High CH11/Area Scan (3x11x1):

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

Maximum value of SAR (measured) = 0.095mW/g

## IEEE802.11g/IEEE802.11g Bobby End High CH11/Zoom Scan (7x7x7)

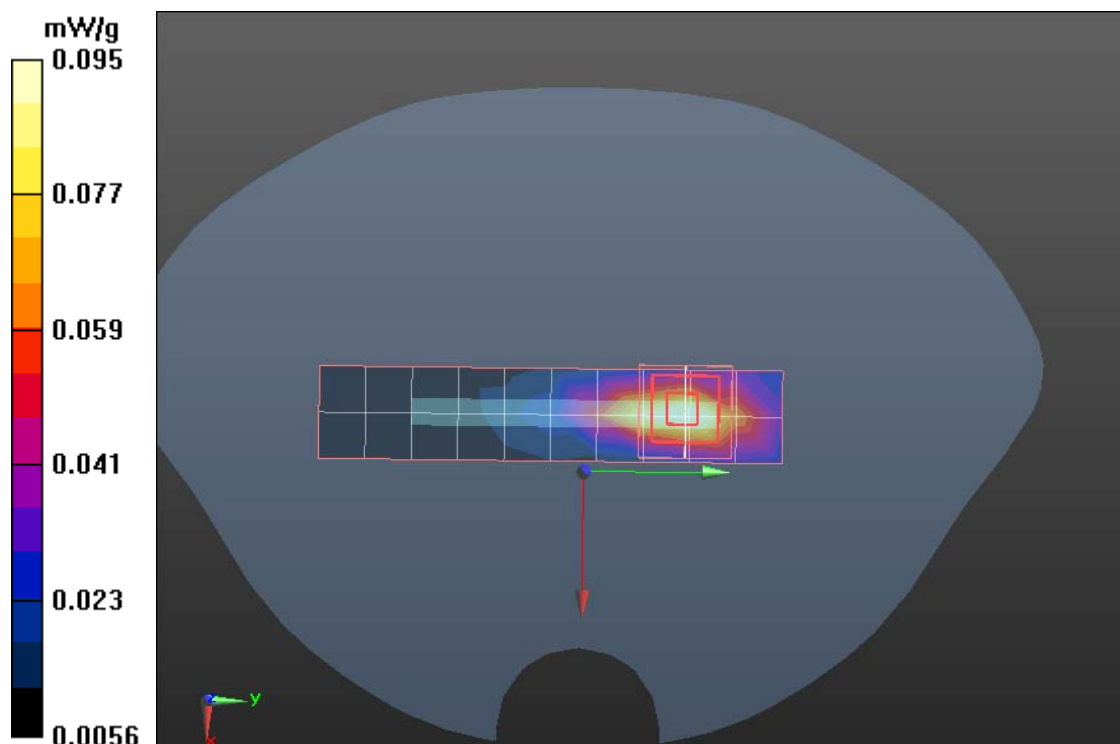
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.093 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby Up Low CH1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.943$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Up Low CH1/Area Scan

**(11x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Up Low CH1/Zoom Scan

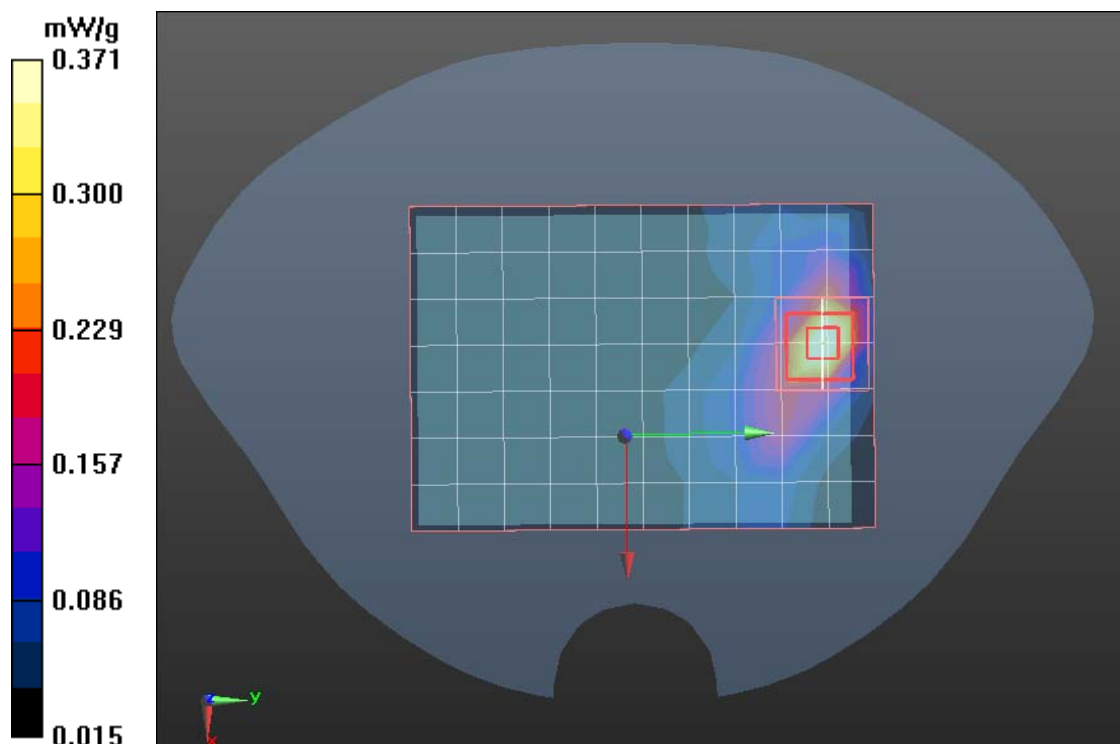
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.821 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby Up Middle CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Up Middle CH6 /Area Scan

**(11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Up Middle CH6 /Zoom Scan

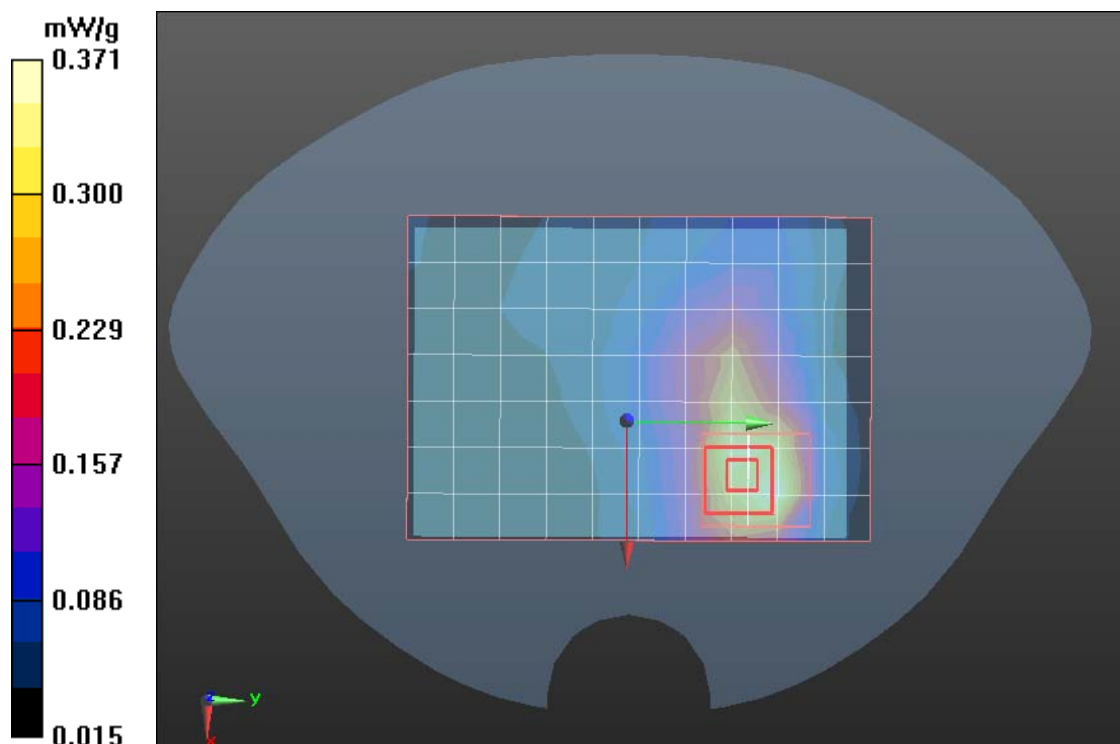
**(7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.464 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.193mW/g**

Maximum value of SAR (measured) = 0.304 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Up High CH11

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.947$  mho/m;  $\epsilon_r = 52.72$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Up High CH11/Area Scan

**(11x8x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.624 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Up High CH11/Zoom Scan

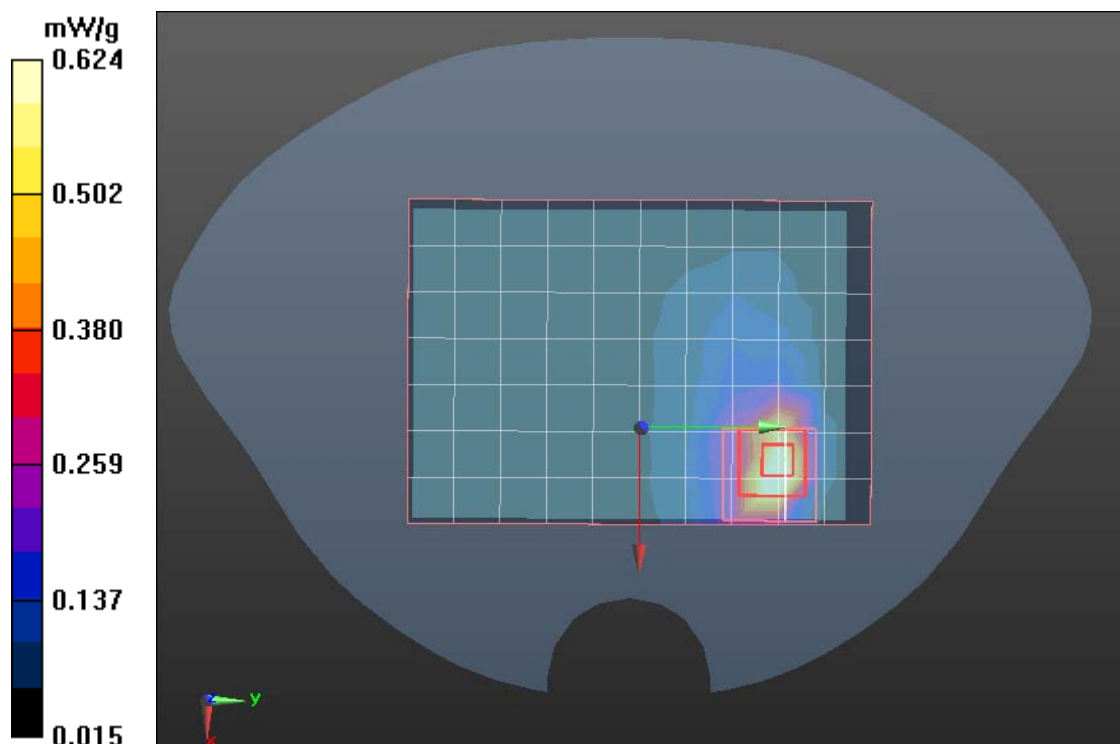
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.966 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.317 W/kg

**SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.241 mW/g**

Maximum value of SAR (measured) = 0.623 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby DownCH 1

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.946$  mho/m;  $\epsilon_r = 52.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby DownCH 1/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby DownCH 1/Zoom Scan

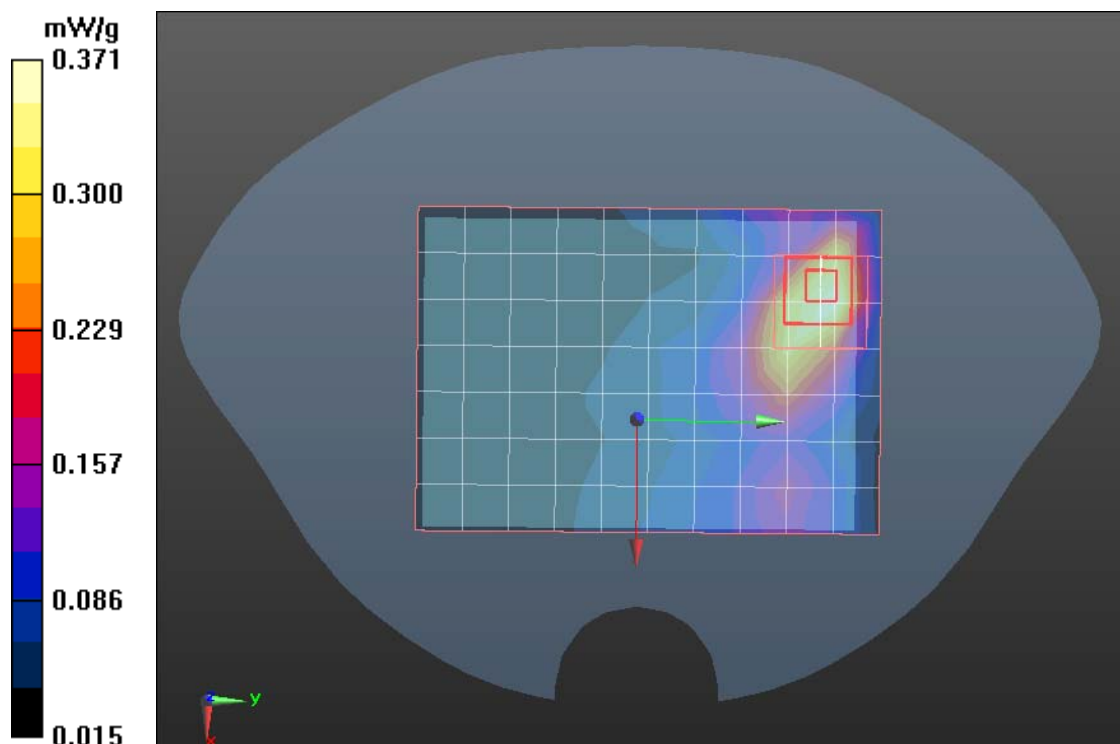
**(7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.971 V/m; Power Drift = 0.0014 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.121 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n20n Bobby Down CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.883$  mho/m;  $\epsilon_r = 38.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Down CH6/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.371 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Down CH6/Zoom Scan (7x7x7)/Cube 0:

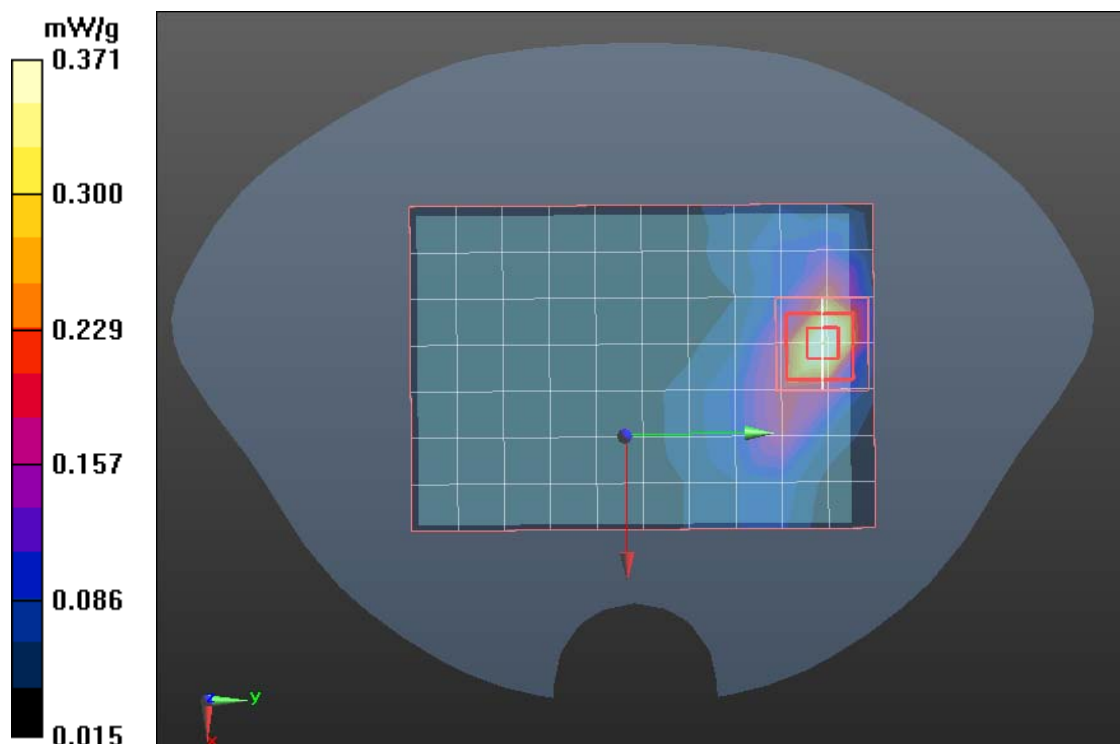
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.417 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Down CH6

**DUT: UltraSlim Resistive Tablet ; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2467 MHz; Communication System PAR: 1.8 dB

Medium parameters used (interpolated):  $f = 2467$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Down CH11/Area Scan (11x8x1):

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

Maximum value of SAR (measured) = 0.513 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Down CH11/Zoom Scan

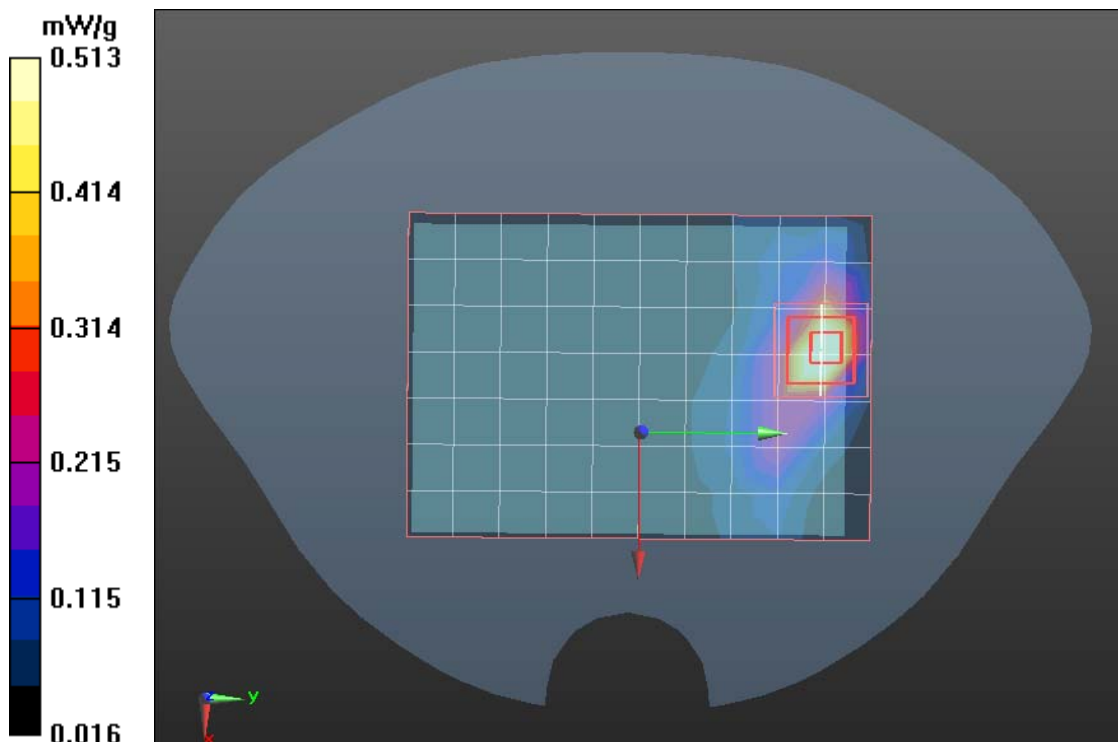
**(7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.548 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.028 W/kg

**SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 0.497 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Left Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.953$  mho/m;  $\epsilon_r = 52.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Left Low CH1/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.104 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Left Low CH1/Zoom Scan

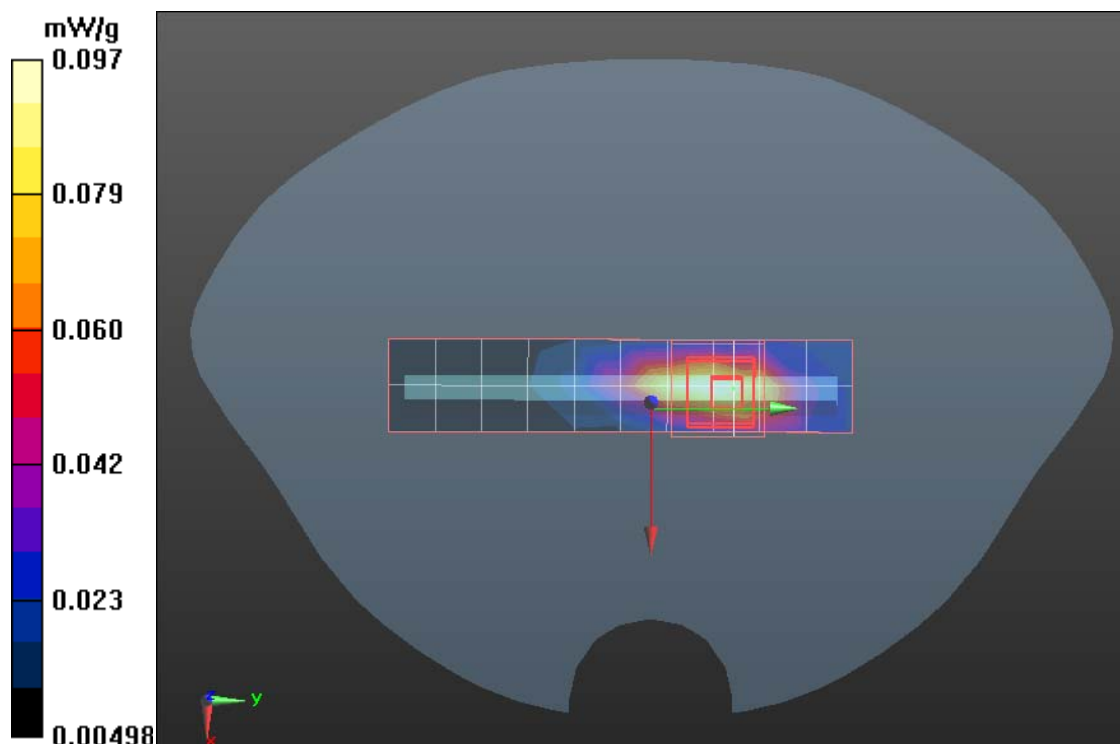
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.825 V/m; Power Drift = 0.34 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.097 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby Left Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.961$  mho/m;  $\epsilon_r = 52.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Left Middle CH6/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.113 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Left Middle CH6/Zoom Scan

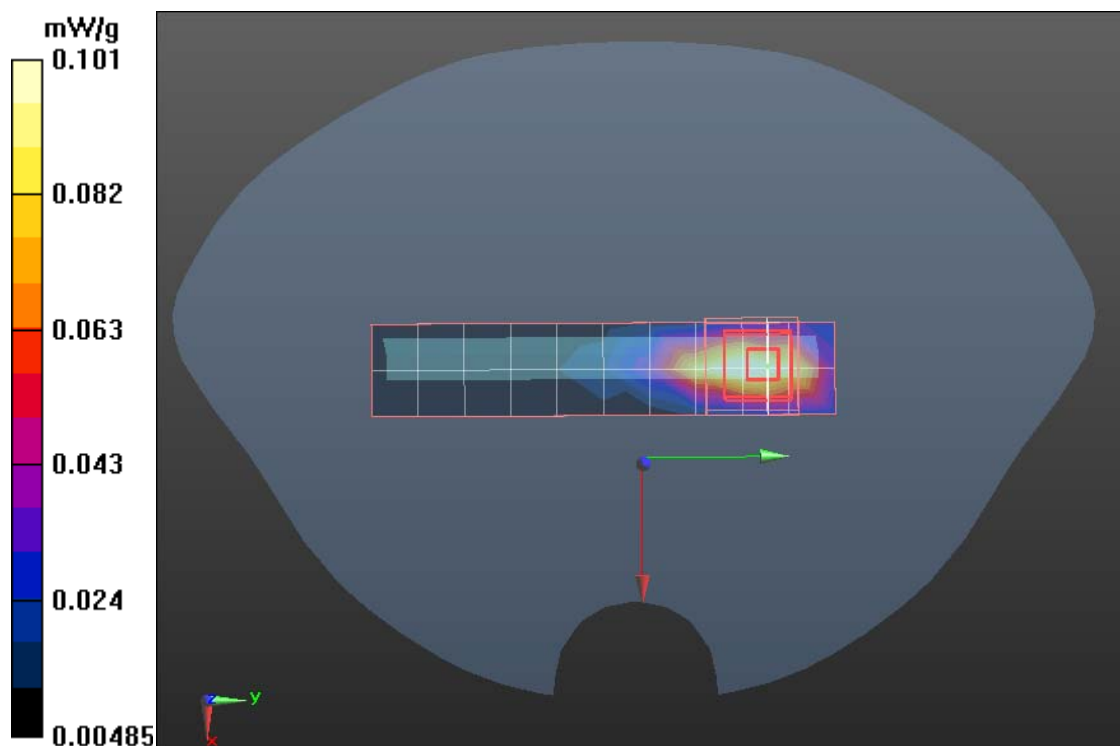
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Left High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2467 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2467$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r = 52.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Left High CH11/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Left High CH11/Zoom Scan

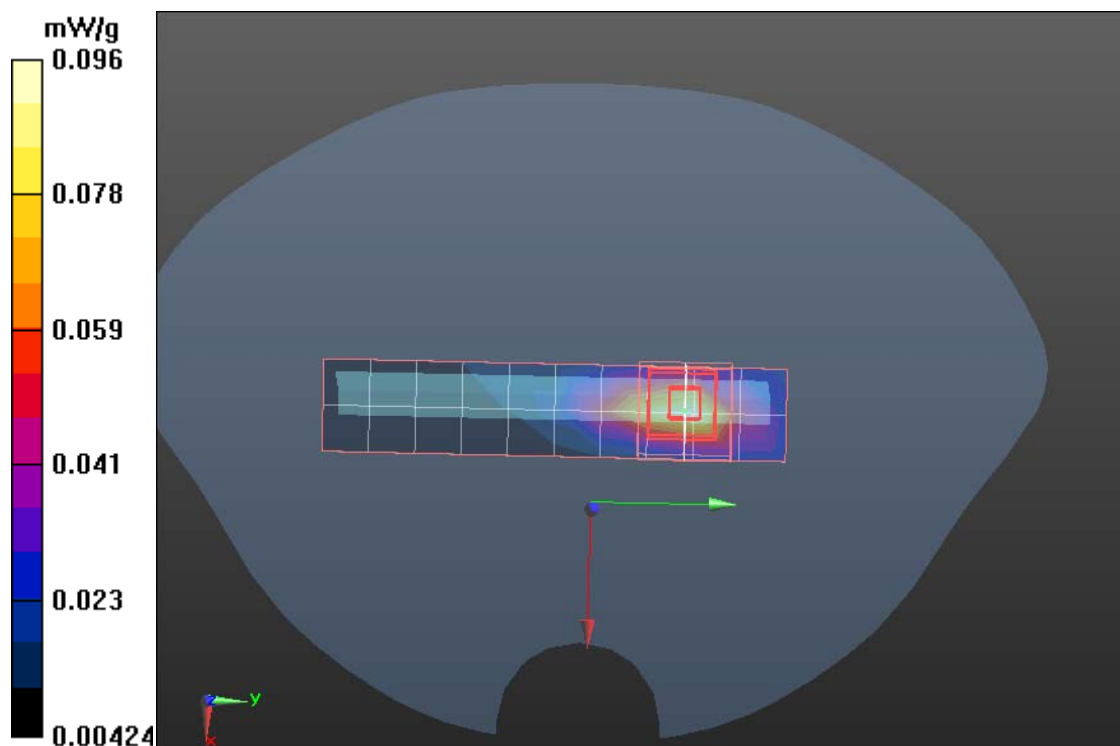
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.62 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby Right Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Right Low CH1/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.198 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Right Low CH1/Zoom Scan

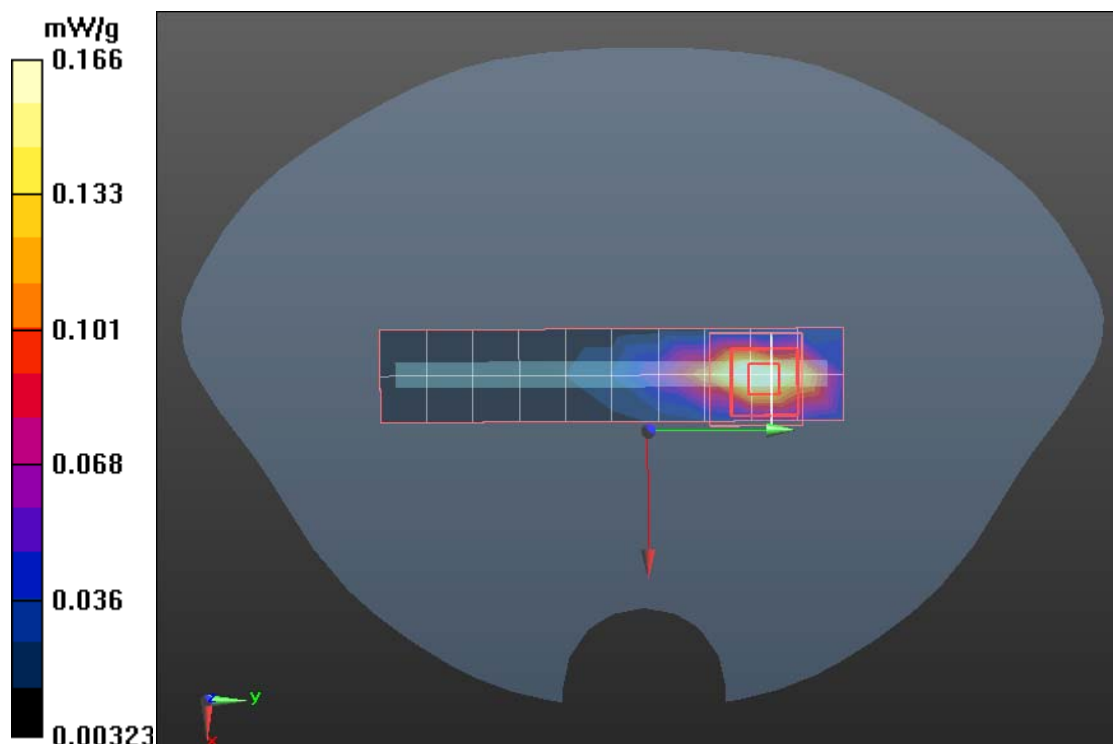
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Right Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 52.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Right Middle CH6/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.138 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Right Middle CH6/Zoom Scan

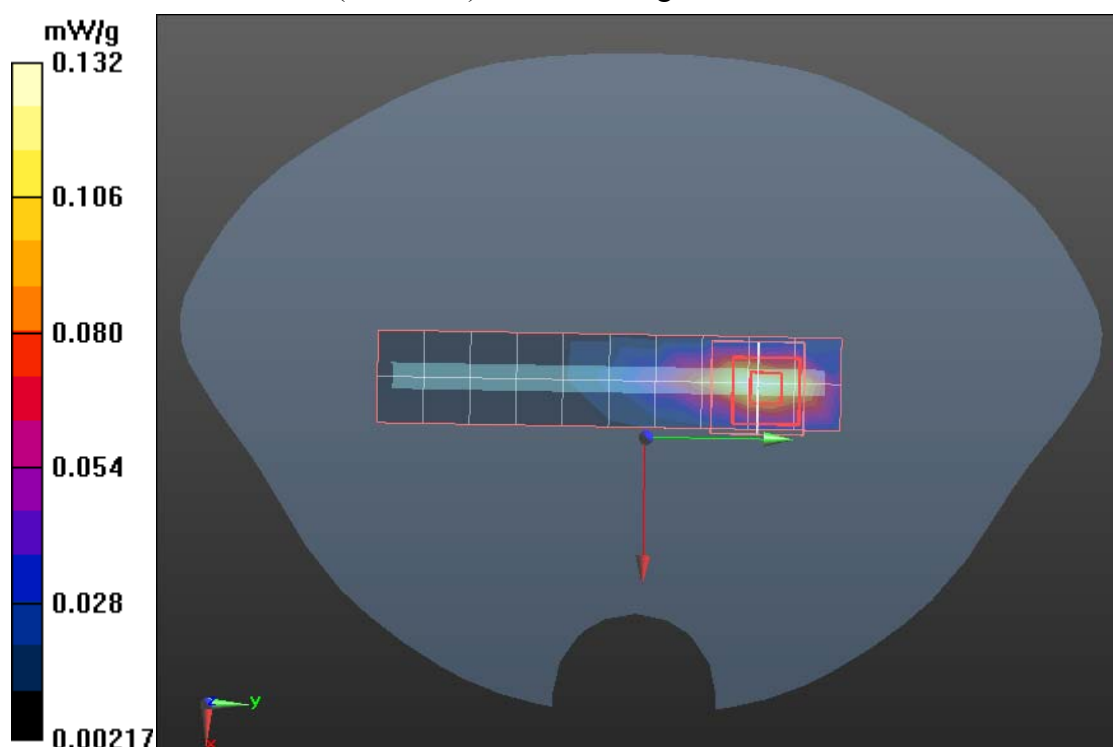
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Right High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Right High CH11/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.105 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Right High CH11/Zoom Scan

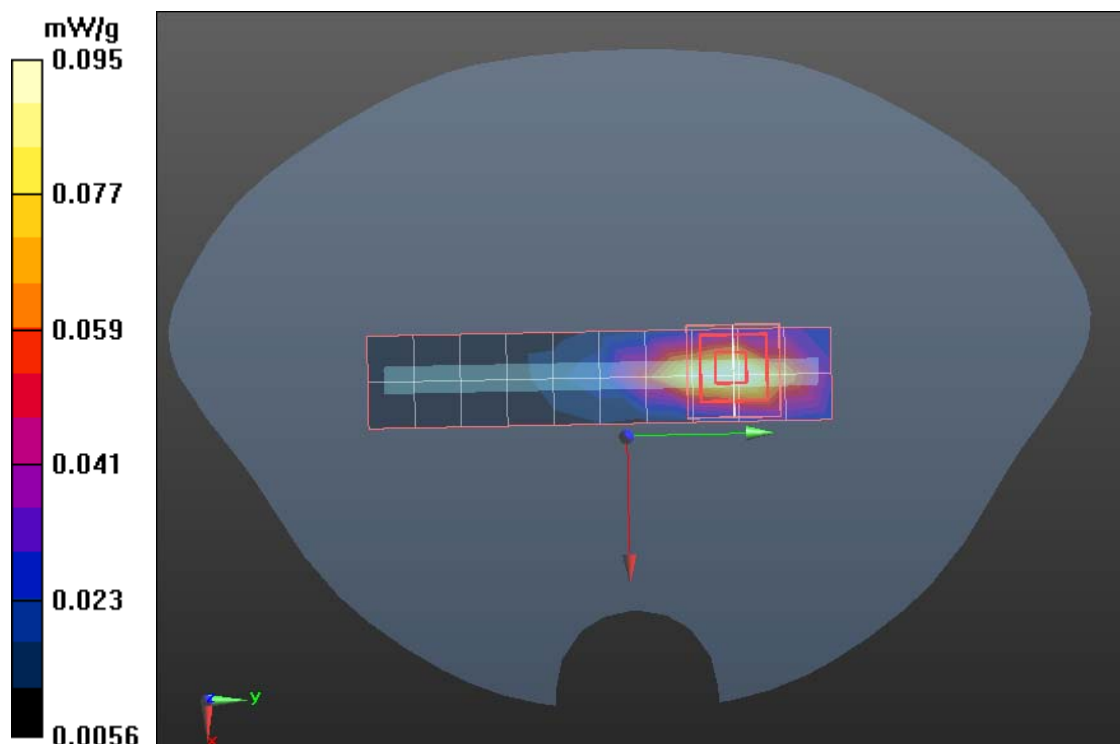
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby Top Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.896$  mho/m;  $\epsilon_r = 52.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Top Low CH1/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.097 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Top Low CH1/Zoom Scan

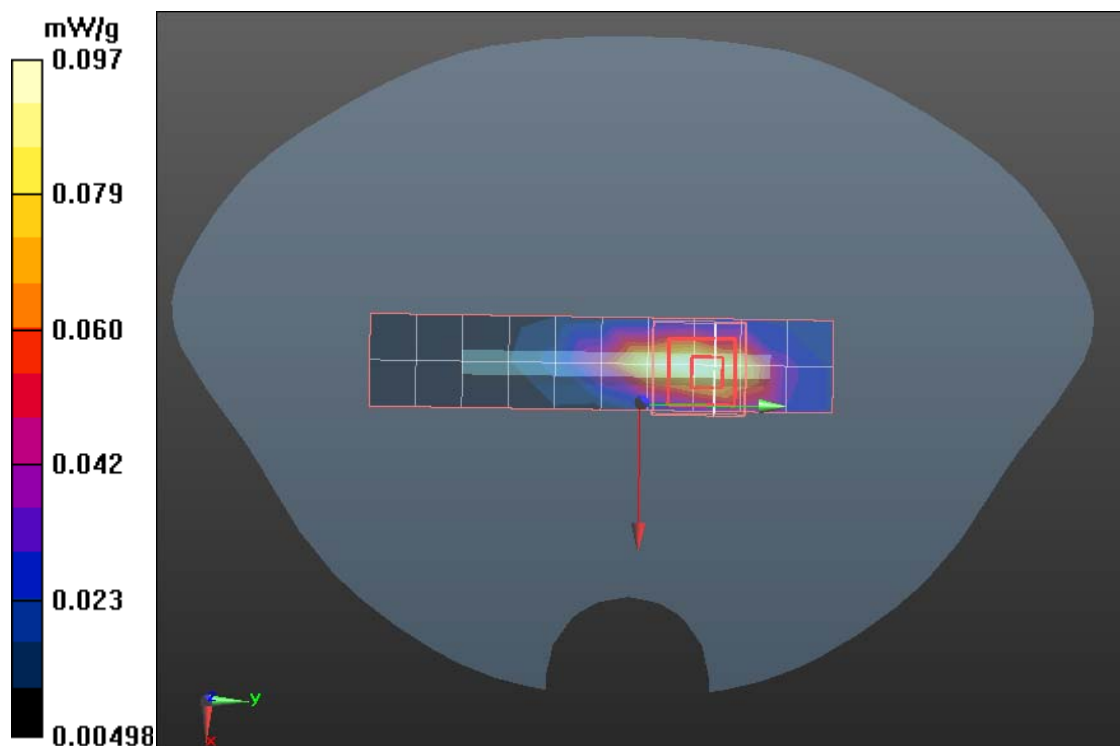
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.825 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Top Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.968$  mho/m;  $\epsilon_r = 52.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Top Middle CH6/Area Scan

**(3x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.101 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Top Middle CH6/Zoom Scan

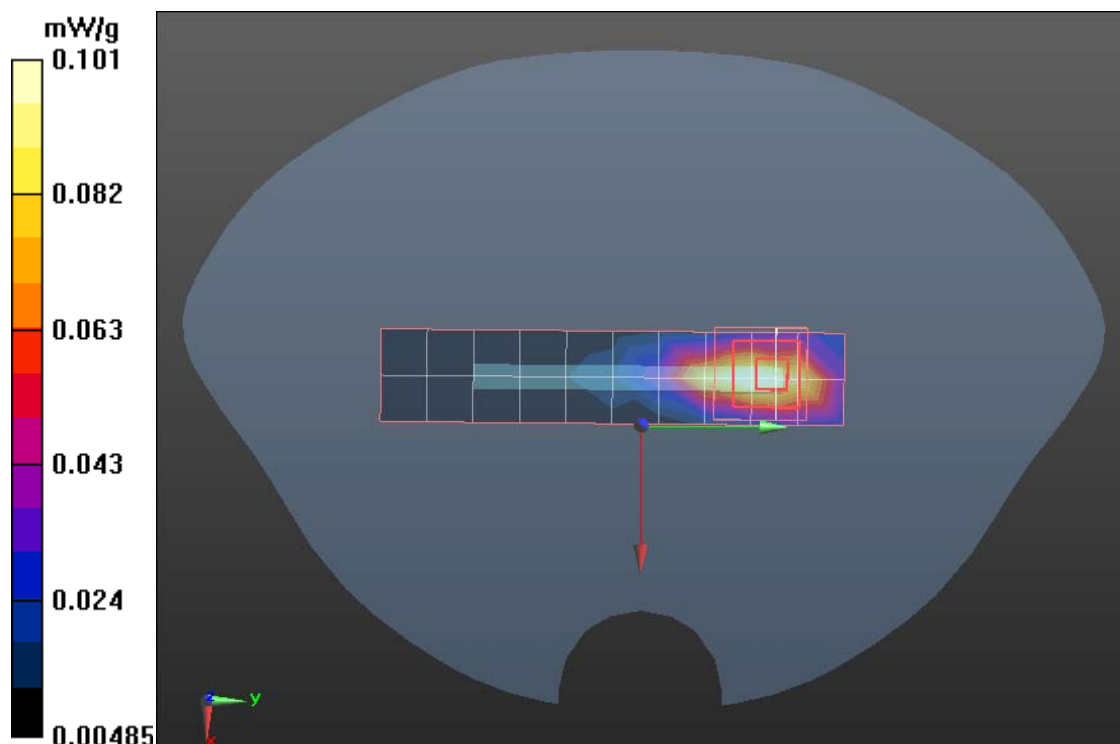
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.10 mW/g





Test Laboratory: Compliance Certification Services Inc.

July 19, 2011

## IEEE802.11 20n Bobby Top High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 52.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby Top High CH11/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.096 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby Top High CH11/Zoom Scan

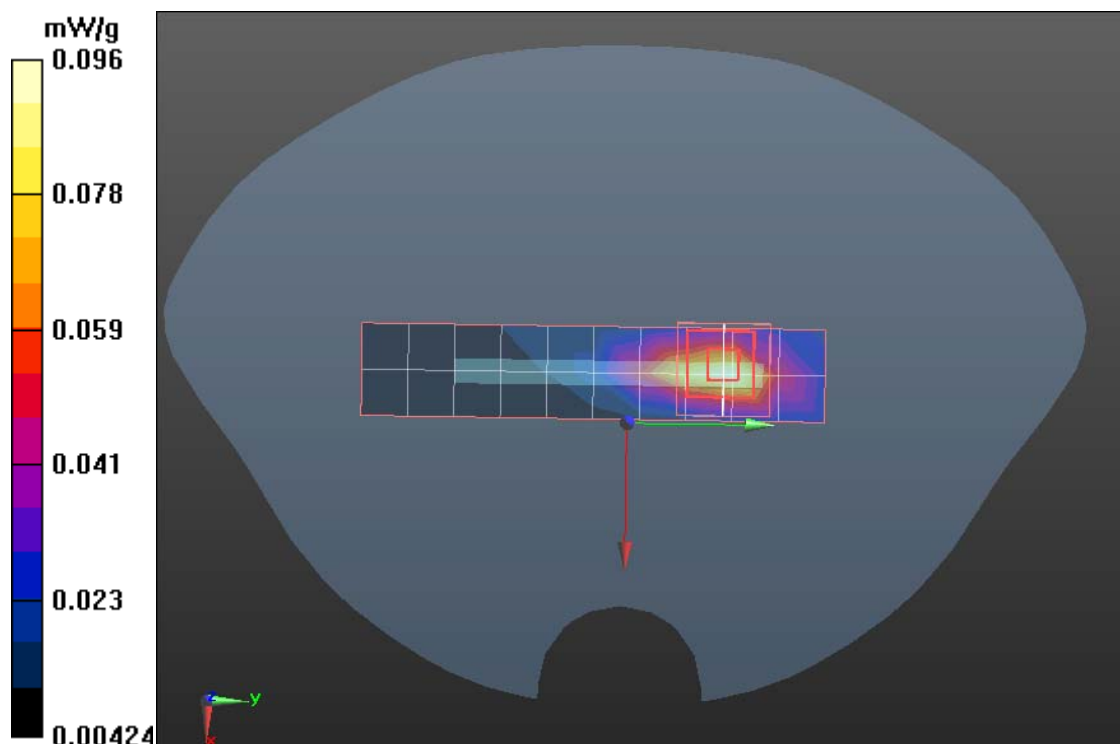
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.650 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby End Low CH1

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2412 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.975$  mho/m;  $\epsilon_r = 53.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby End Low CH1/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.166 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby End Low CH1/Zoom Scan

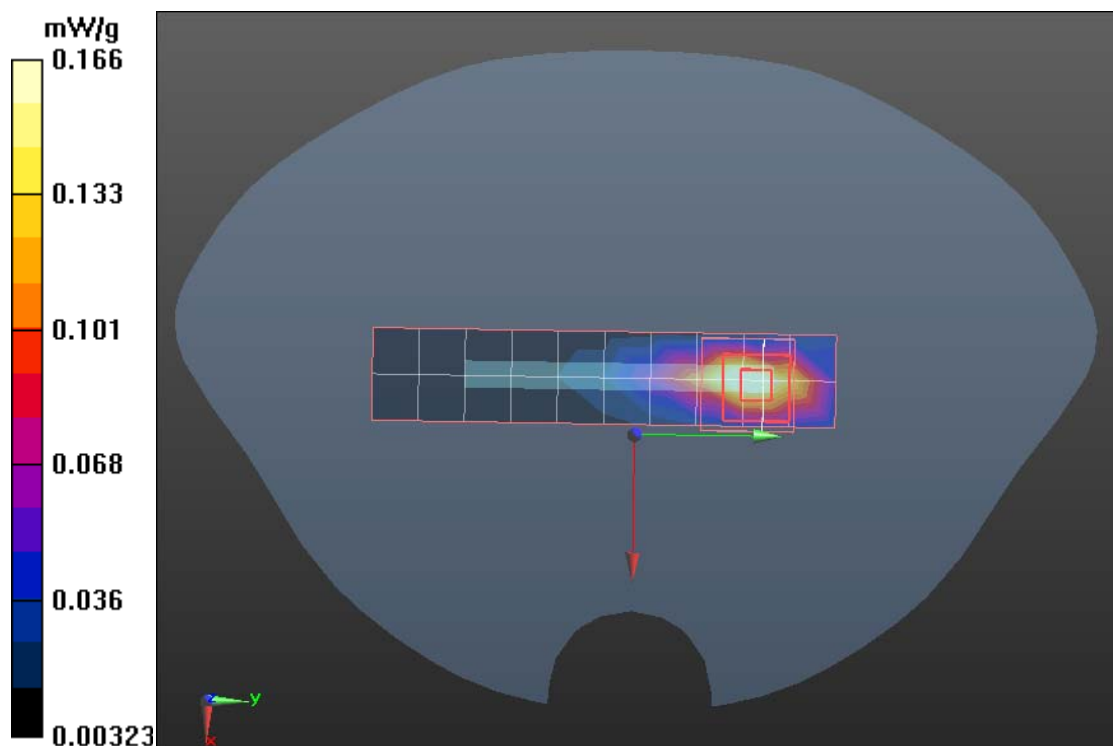
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.554 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.156 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n Bobby End Middle CH6

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2437 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.10$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Bobby End Middle CH6/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.132 mW/g

## IEEE802.11 20n/IEEE802.11 20n Bobby End Middle CH6/Zoom Scan

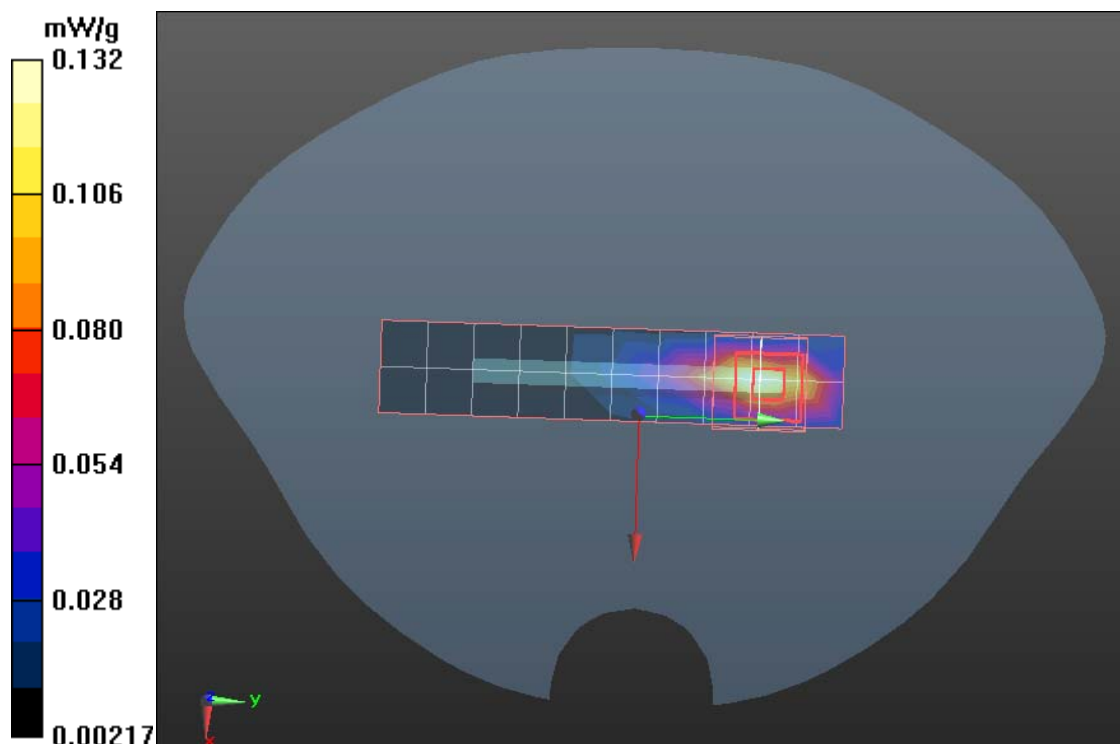
**(7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.078 V/m; Power Drift = 2.00 dB

Peak SAR (extrapolated) = 0.132 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.069 mW/g.**

Maximum value of SAR (measured) = 0.122 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## IEEE802.11 20n End High CH11

**DUT: UltraSlim Resistive Tablet; Type: PS47;**

Communication System: 802.11g; Communication System Band: 20N; Frequency: 2462 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.07, 7.07, 7.07); Calibrated: 1/20/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## IEEE802.11 20n/IEEE802.11 20n Boby End High CH11/Area Scan

**(3x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.095mW/g

## IEEE802.11 20n/IEEE802.11 20n Boby End High CH11/Zoom Scan

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

Reference Value = 5.087 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.093 mW/g

