

Test Laboratory: Compliance Certification Services Inc.

## 80211b Bottom 0mm mode antenna A battery1

**DUT: CYBER TAN; Type: NB; Serial: NB**

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2442$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## 802.11b Bottom mode Middle CH6 Rate 1M/Area Scan (9x23x1):

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

Maximum value of SAR (measured) = 0.03 mW/g

## 802.11b Bottom mode Middle CH6 Rate 1M/Zoom Scan (7x7x9)/Cube 0:

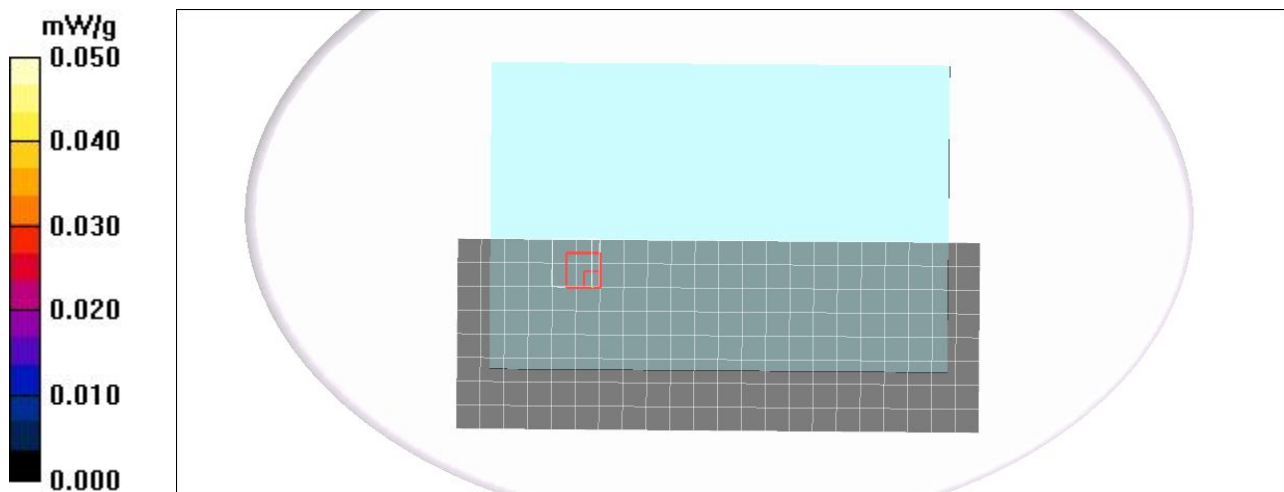
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.03 W/kg

SAR(1 g) = **0.00445 mW/g**; SAR(10 g) = **0.00074 mW/g**

Maximum value of SAR (measured) = 0.03 mW/g



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## 80211b Bottom 0mm mode antenna A battery2

**DUT: CYBER TAN; Type: NB; Serial: NB**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012 W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## 802.11b Bottom mode Middle CH6 Rate 1M/Area Scan (9x23x1):

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

Maximum value of SAR (measured) = 0.002 mW/g

## 802.11b Bottom mode Middle CH6 Rate 1M/Zoom Scan (7x7x9)/Cube 0:

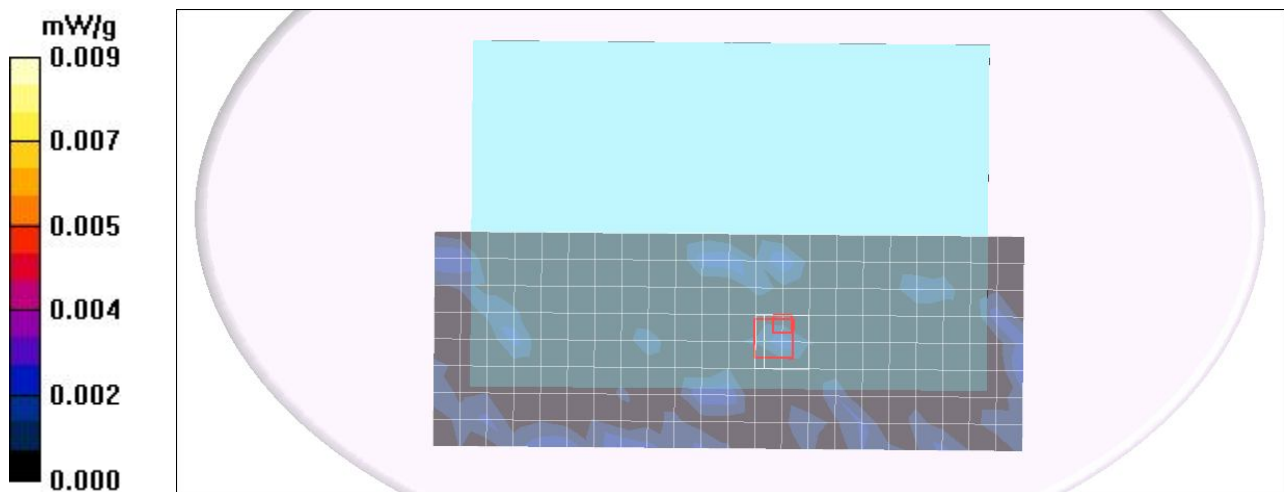
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.575 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = **0.00211** mW/g; SAR(10 g) = 0.000343 mW/g

Maximum value of SAR (measured) = 0.003 mW/g



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## 80211b Bottom 0mm mode antenna A battery3

**DUT: CYBER TAN; Type: NB; Serial: NB**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## 802.11b Bottom mode Middle CH6 Rate 1M/Area Scan (9x23x1):

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

Maximum value of SAR (measured) = 0.003 mW/g

## 802.11b Bottom mode Middle CH6 Rate 1M/Zoom Scan (7x7x9)/Cube 0:

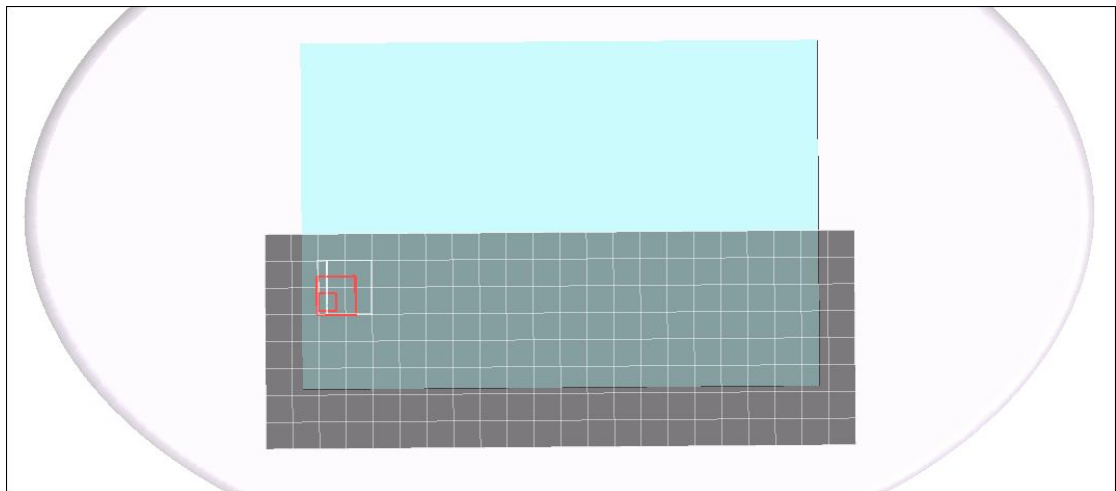
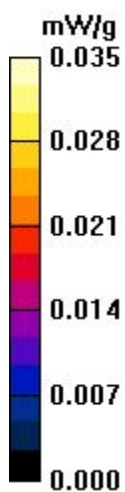
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = **0.00103 mW/g**; SAR(10 g) = **0.000227 mW/g**

Maximum value of SAR (measured) = 0.004 mW/g



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## 80211b Bottom 0mm mode antenna A battery4

**DUT: CYBER TAN; Type: NB; Serial: NB**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012 W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## 802.11b Bottom mode Middle CH6 Rate 1M/Area Scan (9x23x1):

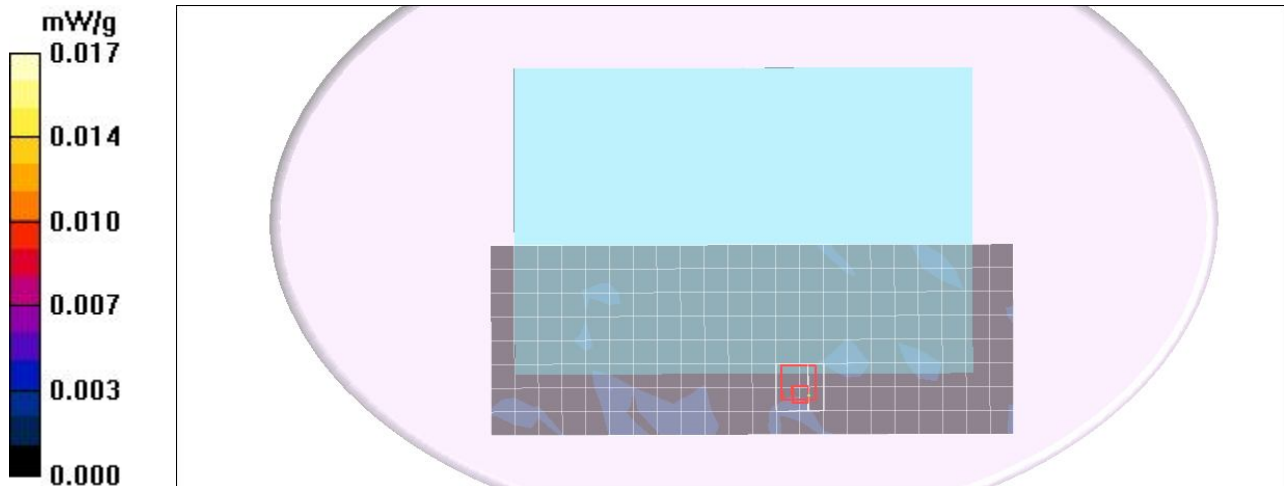
Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.02 mW/g

## 802.11b Bottom mode Middle CH6 Rate 1M/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 0.480 V/m; Power Drift = -0.133 dB  
Peak SAR (extrapolated) = 0.002 W/kg  
SAR(1 g) = **0.00524 mW/g**; SAR(10 g) = 0.0013 mW/g  
Maximum value of SAR (measured) = 0.02 mW/g

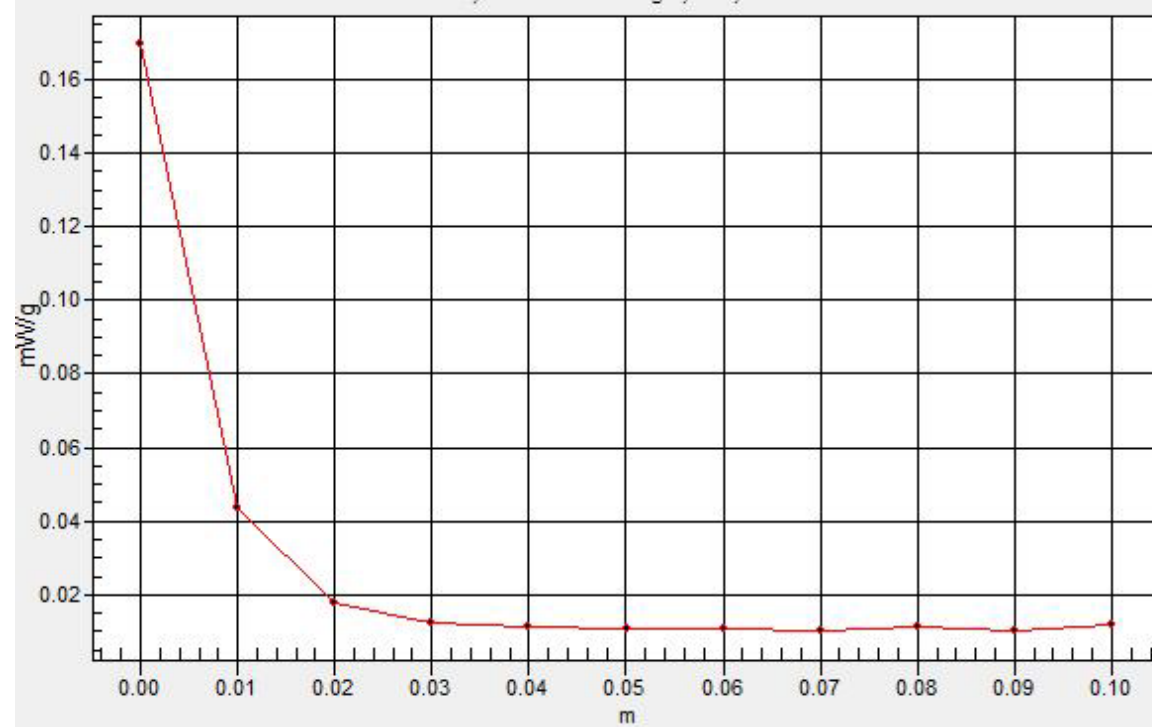
## 802.11b Bottom mode Middle CH6 Rate 1M/Z Scan (1x1x11):

Measurement grid: dx=20mm, dy=20mm, dz=10mm  
Maximum value of SAR (measured) = 0.002 mW/g



# SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Date/Time: 2011/1/17 01:02:16 PM

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**80211b Tip 25mm mode antenna A battery1****DUT: CYBER TAN; Type: NB; Serial: NB**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**802.11b Tip mode Middle CH6 Rate 1M/Area Scan (5x21x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.071 mW/g

**802.11b Tip mode Middle CH6 Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.17 V/m; Power Drift = 0.331 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.075 mW/g

