

Test Laboratory: Compliance Certification Services Inc.

## 80211b NB Bottom mode UW3 main 23wh

**DUT: UW3; Type: UW3; Serial: n/a**

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 - SN3665; ConvF(7.35, 7.35, 7.35);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

### Middle CH Rate 1M/Area Scan (9x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.079 mW/g

### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.82 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.032 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g

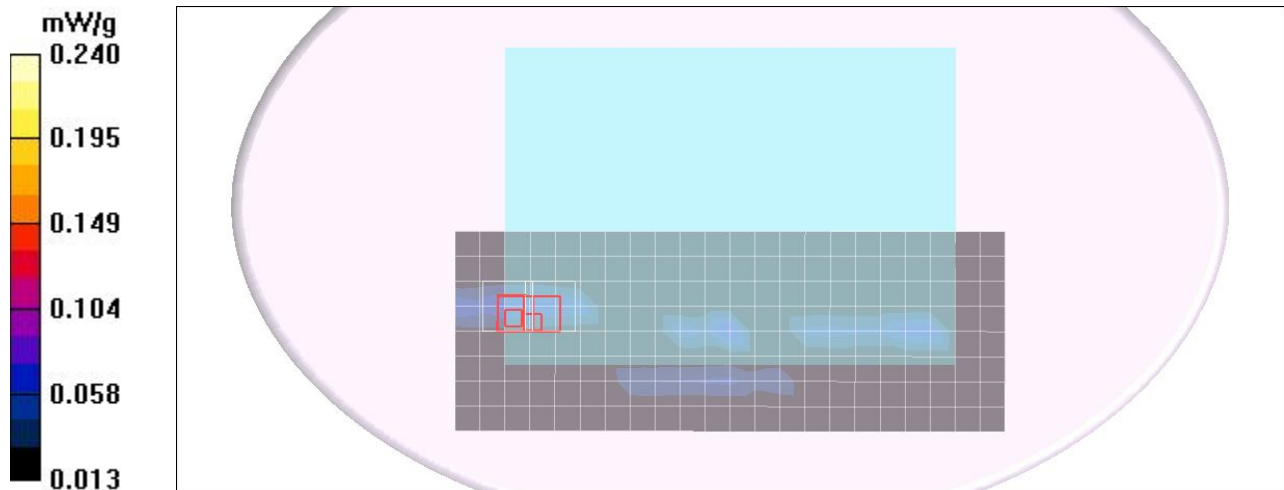
### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.82 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.031 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.026 mW/g



Test Laboratory: Compliance Certification Services Inc.

## 80211b NB Bottom mode UW3 main 24wh

**DUT: UW3; Type: UW3; Serial: n/a**

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 - SN3665; ConvF(7.35, 7.35, 7.35);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

### Middle CH Rate 1M/Area Scan (9x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.090 mW/g

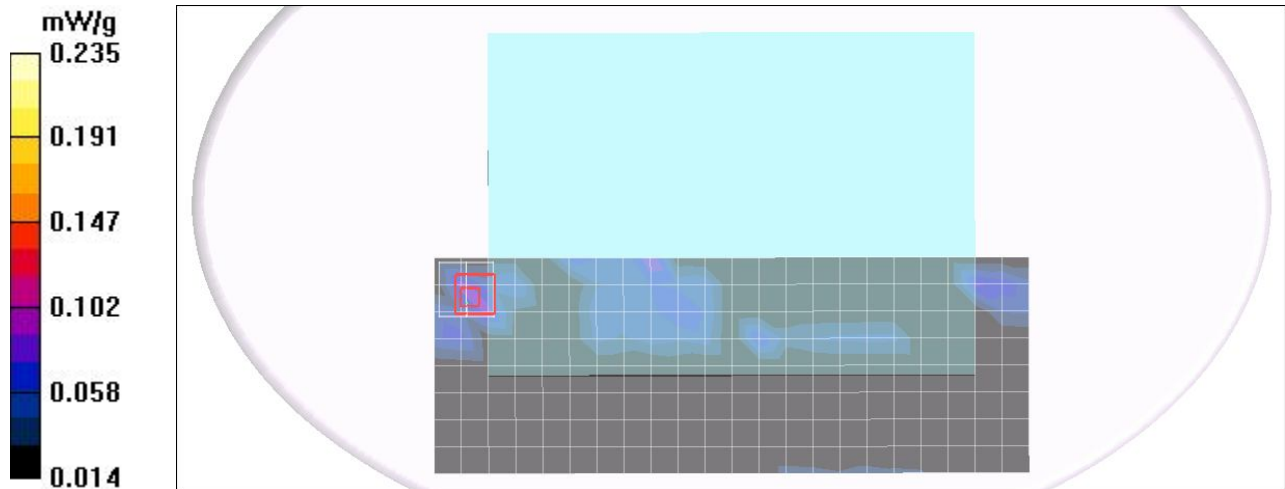
### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.74 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.126 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.115 mW/g



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## 80211b NB Bottom mode UW3 main 47wh

**DUT: UW3; Type: UW3; Serial: n/a**

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 - SN3665; ConvF(7.35, 7.35, 7.35);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

### Middle CH Rate 1M/Area Scan (9x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.027 mW/g

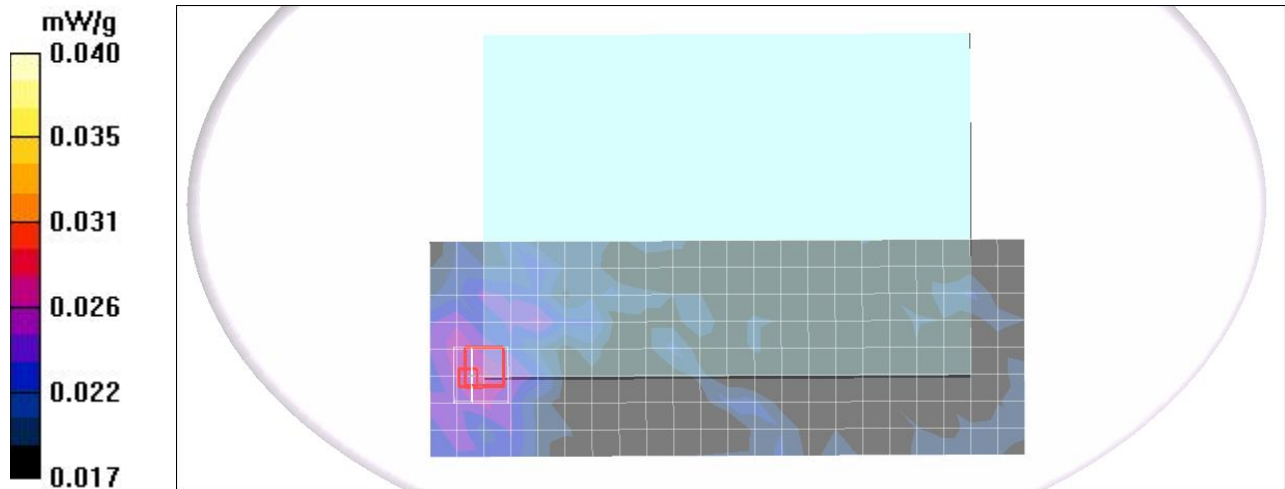
### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.07 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.036 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.029 mW/g



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## 80211b NB Bottom mode UW3 main 48wh

**DUT: UW3; Type: UW3; Serial: n/a**

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 - SN3665; ConvF(7.35, 7.35, 7.35);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

### Middle CH Rate 1M/Area Scan (9x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.059 mW/g

### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.12 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g

### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.76 V/m; Power Drift = -0.063 dB

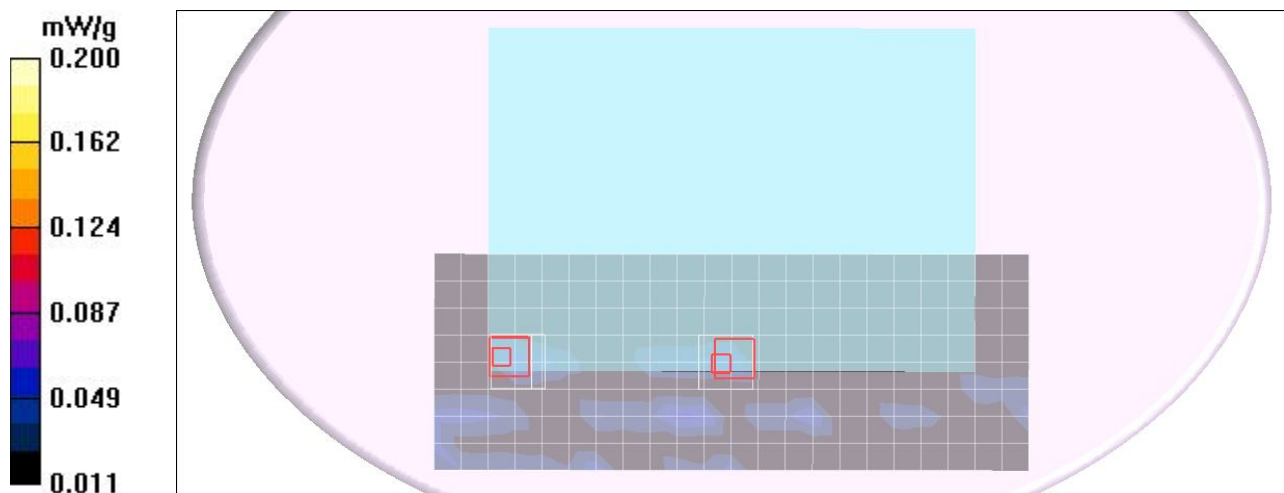
Peak SAR (extrapolated) = 0.072 W/kg

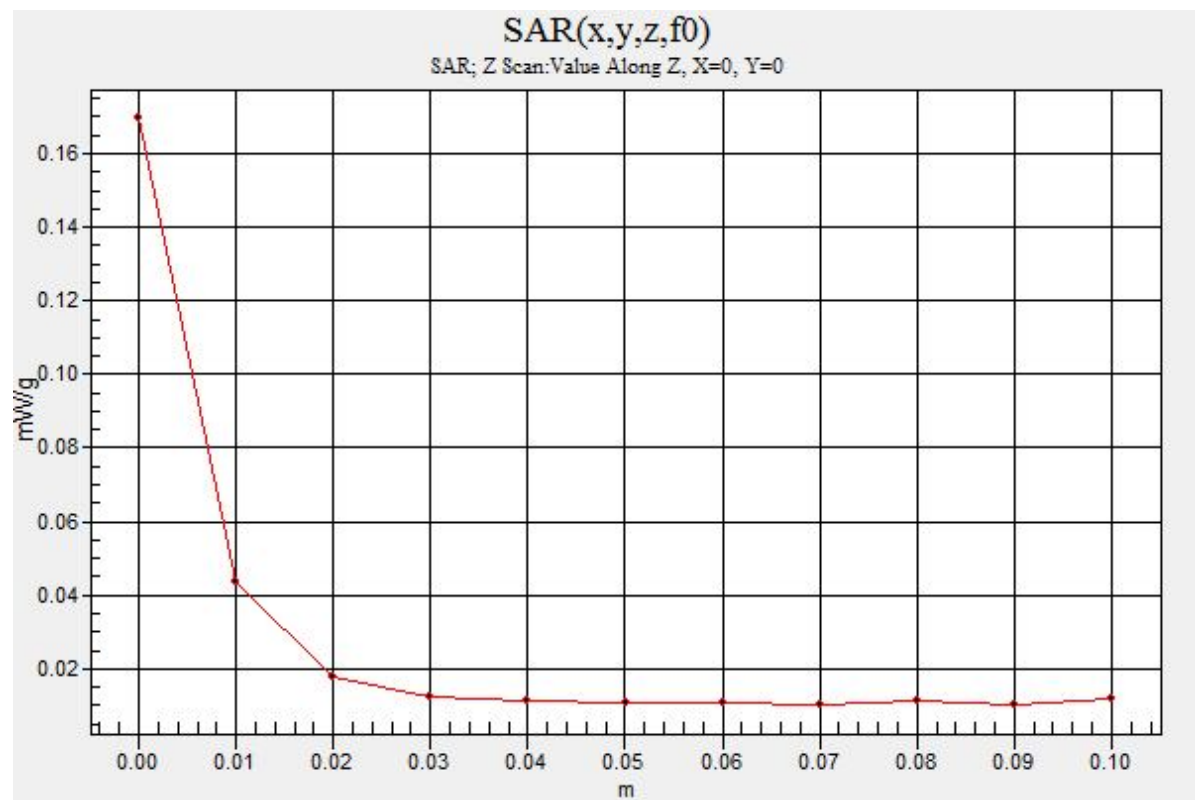
**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.064 mW/g

### Middle CH Rate 1M/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm

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





Test Laboratory: Compliance Certification Services Inc.

## 80211b NB Bottom mode UW3 aux 48wh

**DUT: UW3; Type: UW3; Serial: n/a**

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 - SN3665; ConvF(7.35, 7.35, 7.35);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

### Middle CH Rate 1M/Area Scan (9x23x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.079 mW/g

### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.63 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.018 mW/g**

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

### Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.63 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.107 mW/g

