

Test Laboratory: Compliance Certification Services Inc.

## 80211b Bottom Flat BCM94313HMG2L U410 FCC

**DUT: U410; Type: Notebook; Serial: n/a**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

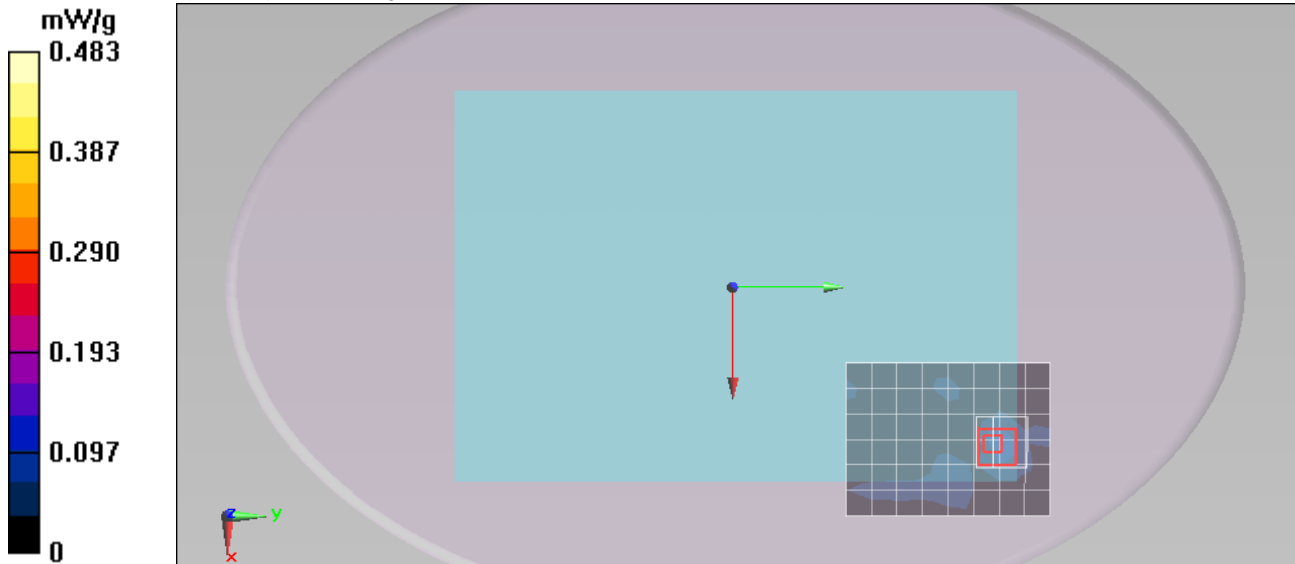
- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Bottom Flat Middle CH6/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.106 mW/g

### Bottom Flat Middle CH6/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 0.625 V/m; Power Drift = -0.057 dB  
Peak SAR (extrapolated) = 0.5680  
**SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.037 mW/g**  
Maximum value of SAR (measured) = 0.242 mW/g



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## 80211g Bottom Flat BCM94313HMG2L U410 FCC

**DUT: U410; Type: Notebook; Serial: n/a**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C  
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

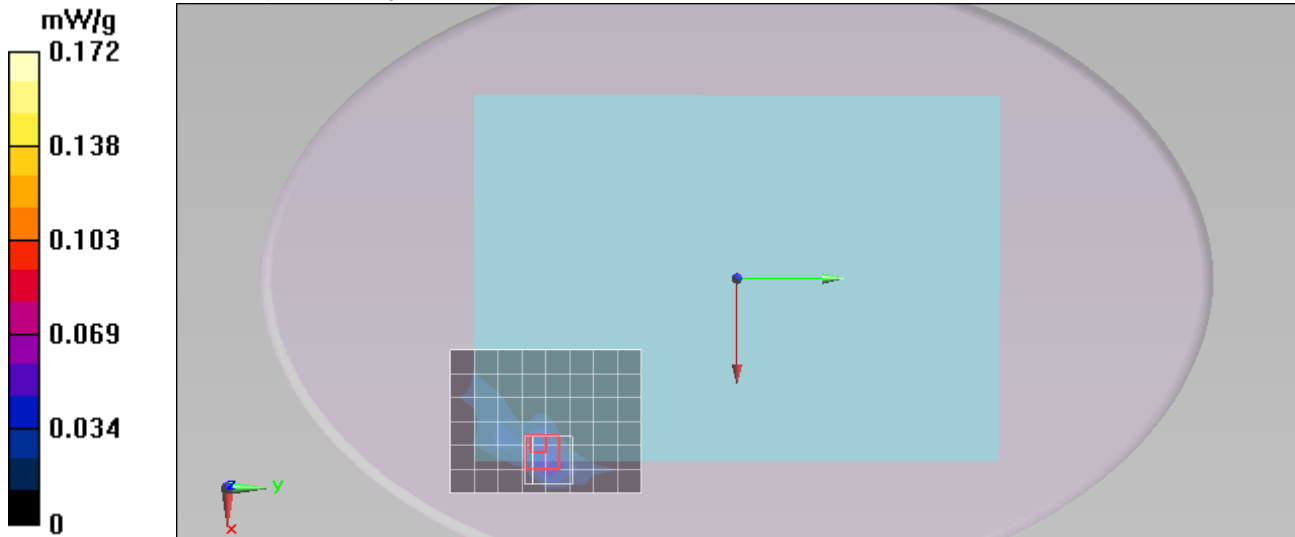
- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Bottom Flat Middle CH6/Area Scan (7x9x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.049 mW/g

### Bottom Flat Middle CH6/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 0.000 V/m; Power Drift = -0.046 dB  
Peak SAR (extrapolated) = 0.1530  
**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.025 mW/g**  
Maximum value of SAR (measured) = 0.124 mW/g



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## 80211g Bottom Flat BCM94313HMG2L U410 FCC

**DUT: U410; Type: Notebook; Serial: n/a**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section  
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 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(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

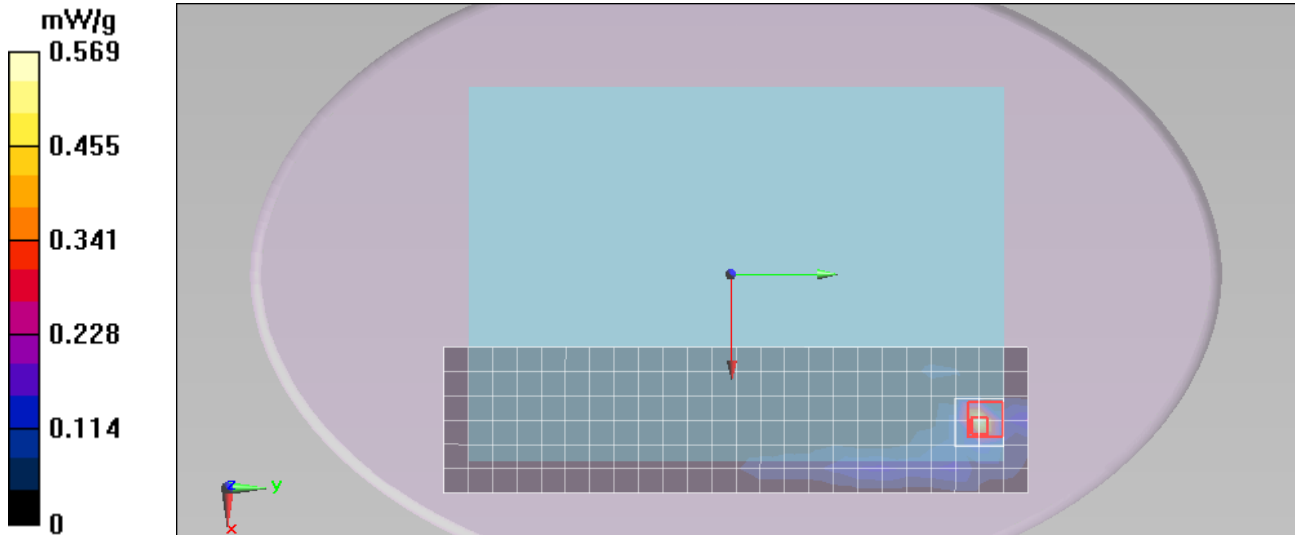
**Bottom Flat Middle CH6/Area Scan (7x25x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.573 mW/g

### Bottom Flat Middle CH6/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 0.522 V/m; Power Drift = -0.081 dB  
Peak SAR (extrapolated) = 1.0680  
**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.050 mW/g**  
Maximum value of SAR (measured) = 0.443 mW/g

### Bottom Flat Middle CH6/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.040 mW/g



### SAR(x,y,z,f0)

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

