

Date/Time: 2012/01/13 04:07:52 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Bottom Flat BCM94313HMGB U310 FCC

DUT: U310; 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/m³

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) = 0.559 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 = -0.020 dB

Peak SAR (extrapolated) = 1.083 W/kg

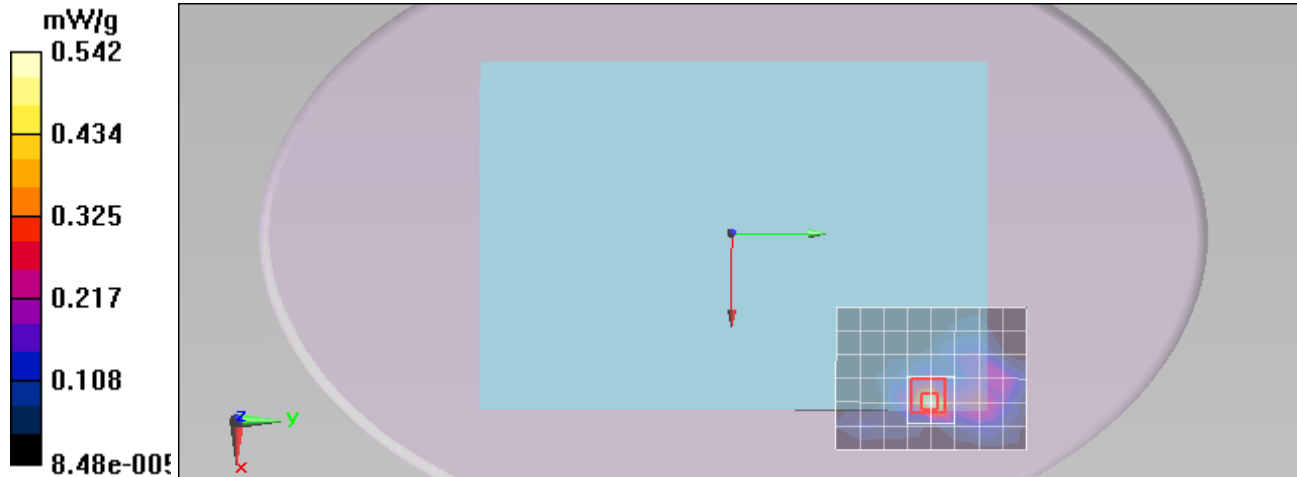
SAR(1 g) = **0.400 mW/g**; SAR(10 g) = 0.168 mW/g

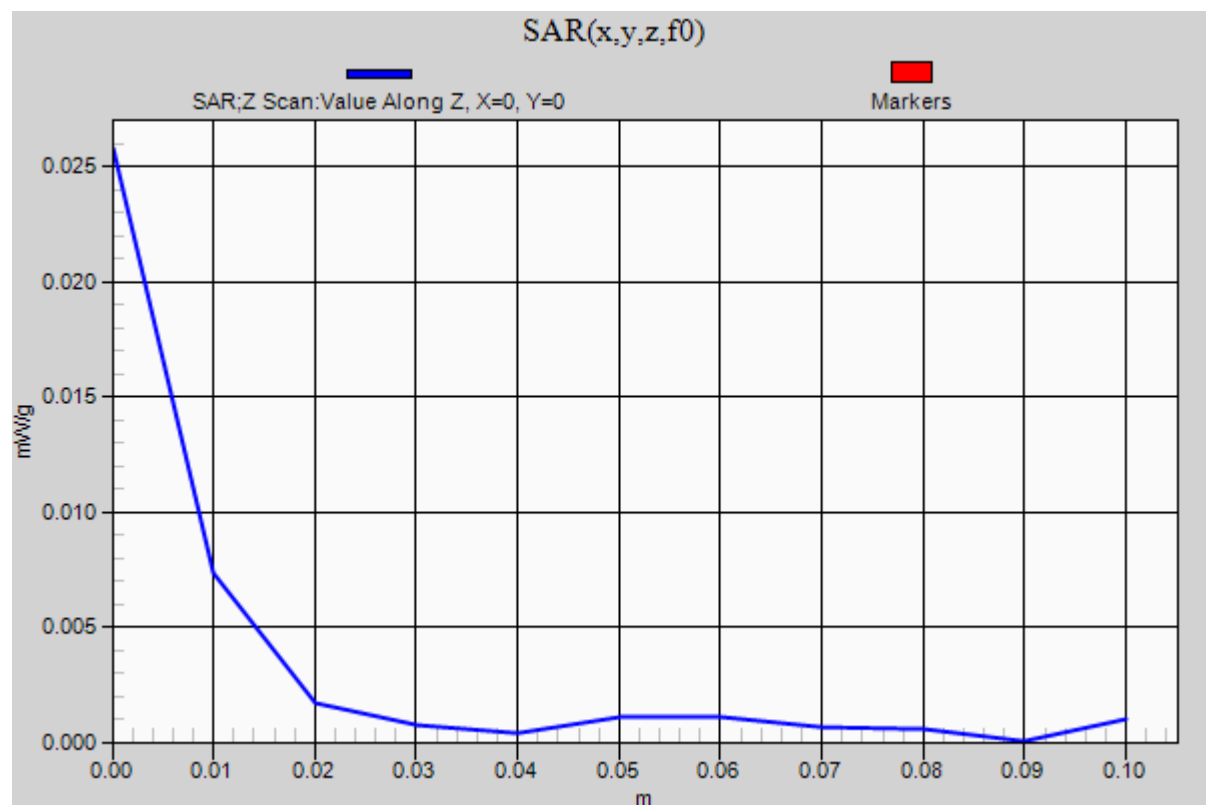
Maximum value of SAR (measured) = 0.630 mW/g

Bottom Flat Middle CH6/Z Scan (1x1x11):

Measurement grid: dx=20mm, dy=20mm, dz=10mm

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





Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat BCM94313HMGB U310 FCC

DUT: U310; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11g WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

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 0.0012 W/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 Low CH1/Area Scan (8x9x1):

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

Maximum value of SAR (measured) = 0.414 mW/g

Bottom Flat Low CH1/Zoom Scan (7x7x9)/Cube 0:

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

Reference Value = 3.64 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.491 mW/g

Bottom Flat Low CH1/Zoom Scan (7x7x9)/Cube 1:

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

Reference Value = 3.64 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.601 mW/g

