Date/Time: 2012/2/5 01:42:58 PM

Test Laboratory: Compliance Certification Services Inc.

80211b Bottom Flat BCH94313HMG2L(GIPA) Y580 FCC

DUT: Y580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.95 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
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:

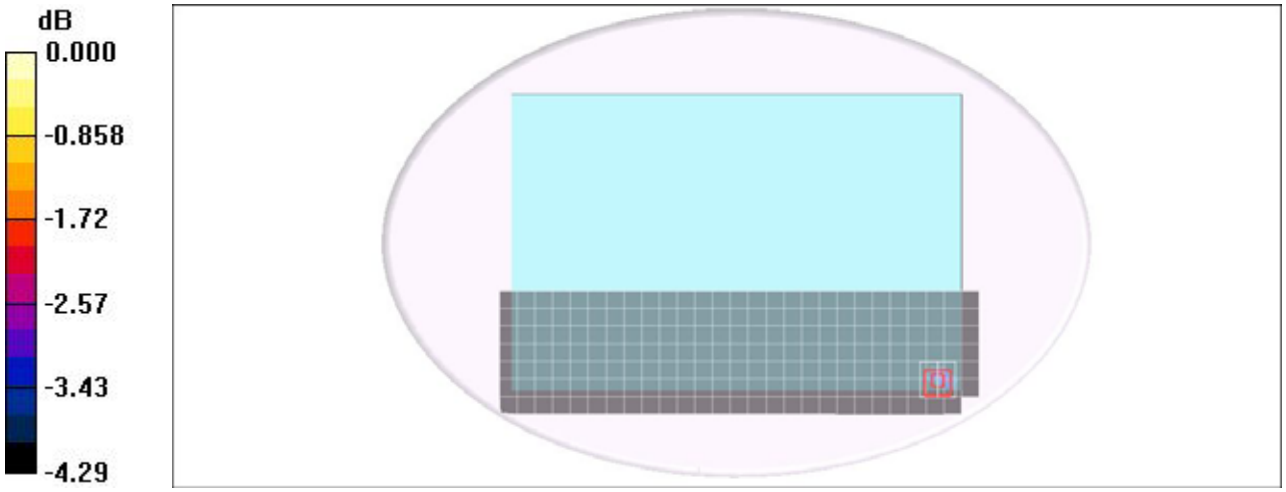
- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom Middle CH6/Area Scan (8x28x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.258 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 11.2 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.544 W/kg
SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454mW/g

Date/Time: 2012/2/5 03:20:40 PM

Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat BCH94313HMG2L(GIPA) Y580 FCC

DUT: Y580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
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:

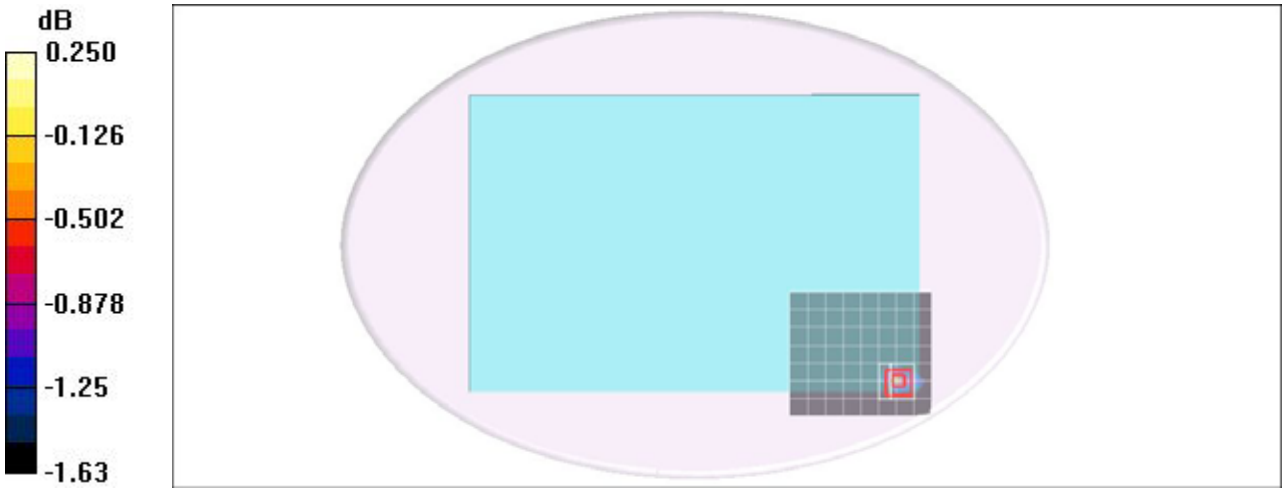
- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom Middle CH6/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.190 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.37 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.203mW/g

Date/Time: 2012/2/5 04:07:57 PM

Test Laboratory: Compliance Certification Services Inc.

80211n HT20 Bottom Flat BCH94313HMG2L(GIPA) Y580 FCC

DUT: Y580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11n WLAN HT20; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
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 Middle CH6/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm

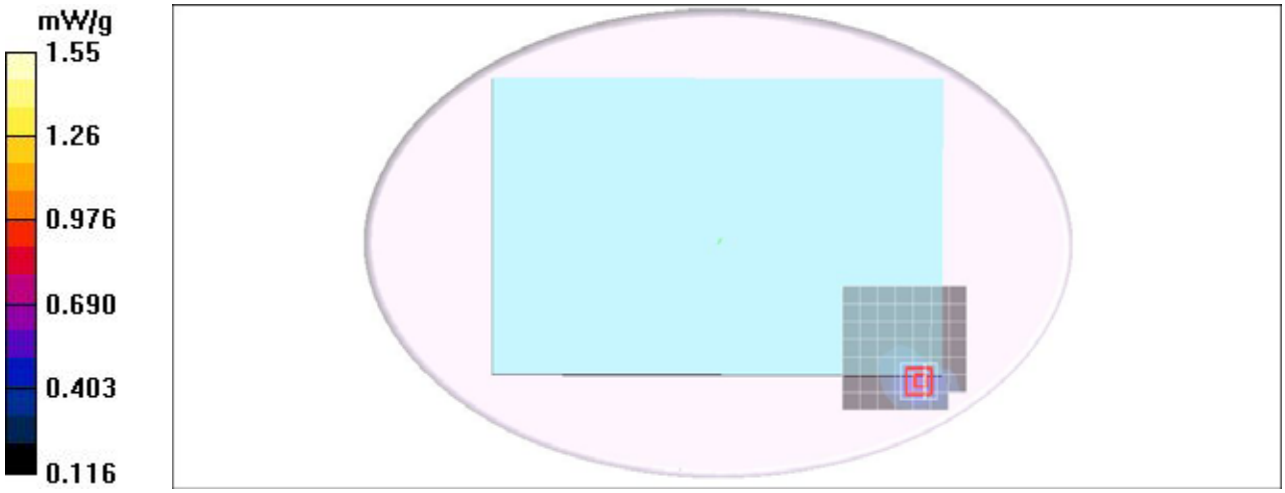
Maximum value of SAR (measured) = 0.639 mW/g

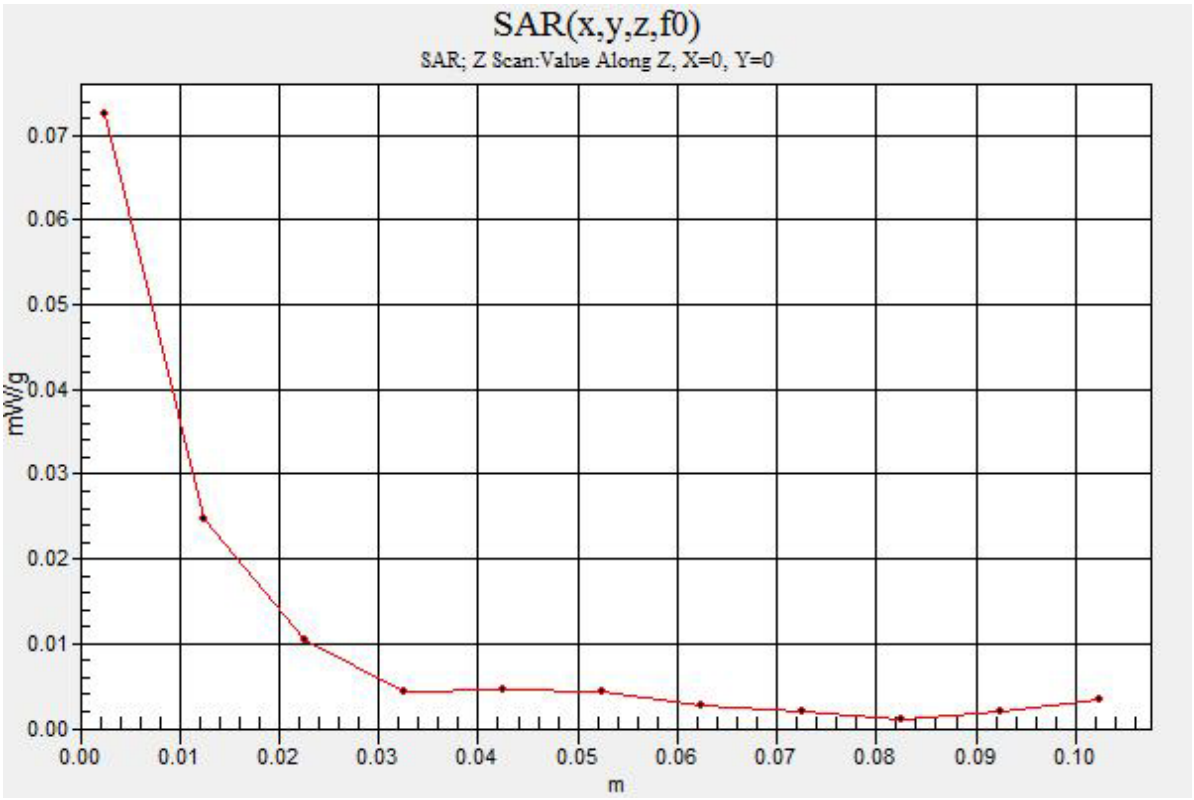
Bottom Middle CH6/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.61 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.739 mW/g

Bottom Middle CH6/Z Scan (1x1x11): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.465 mW/g




SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m