

Test Laboratory: Compliance Certification Services Inc.

80211b Bottom Flat - z580 - BCM943227HMB FCC

DUT: z580; 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; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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 0.0012W/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

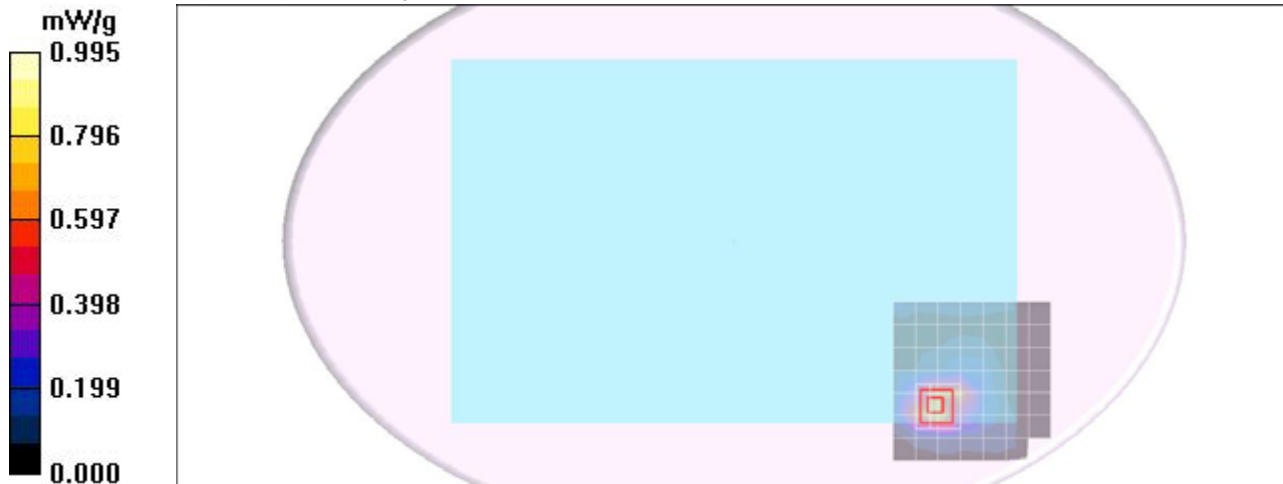
Bottom Middle CH6/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.757 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 0.940 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

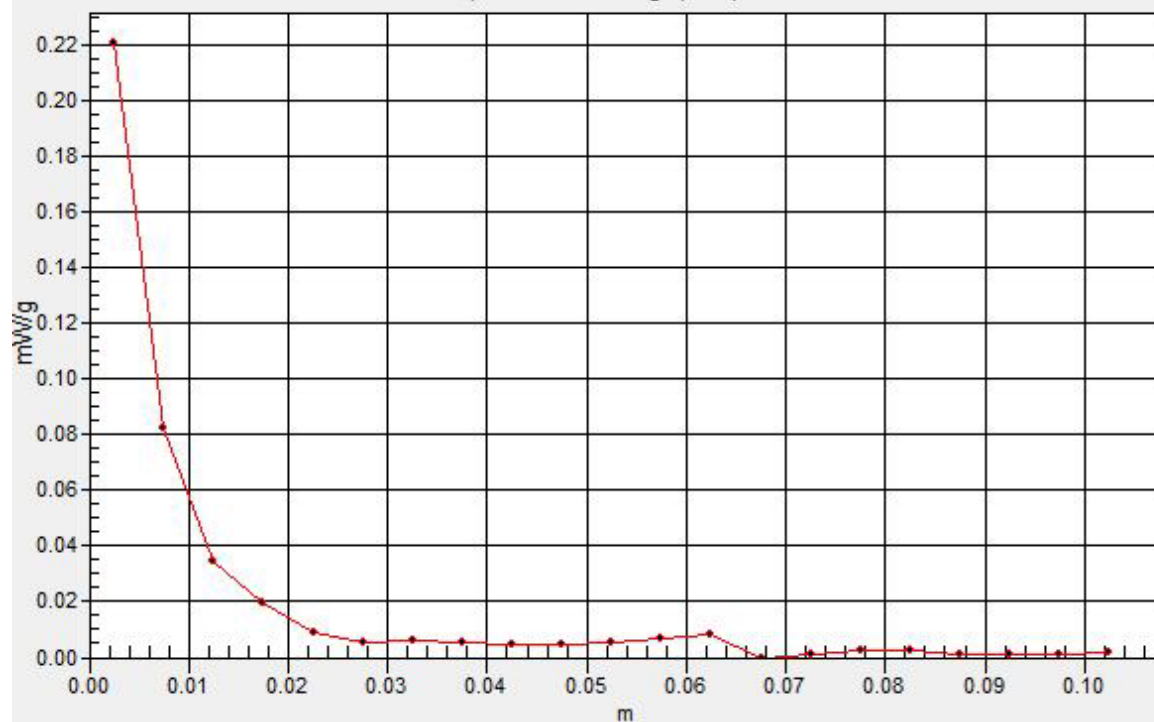
Bottom Middle CH6/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.221 mW/g



SAR(x,y,z,f0)

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



Test Laboratory: Compliance Certification Services Inc.

80211g Bottom Flat - z580 - BCM943227HMB FCC

DUT: z580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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 0.0012W/kg

DASY4 Configuration:

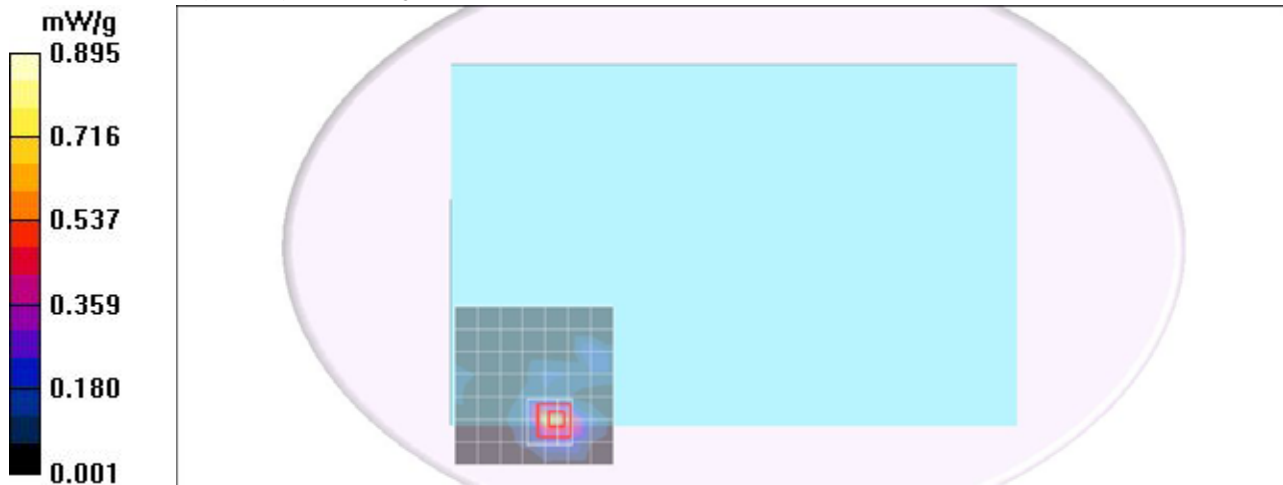
- Probe: EX3DV4 - SN3554; ConvF(6.18, 6.18, 6.18);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2011/7/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom Middle CH6/Area Scan (8x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.662 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.25 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



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80211n HT20 Bottom Flat - z580 - BCM943227HMB FCC

DUT: z580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11n WLAN HT20; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ 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 High CH11/Area Scan (8x8x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.291 mW/g

Bottom High CH11/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.42 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.295 mW/g



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80211n HT20 Bottom Flat - z580 - BCM943227HMB FCC

DUT: z580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11n WLAN HT20; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ 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 High CH11/Area Scan (8x26x1):

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

Maximum value of SAR (measured) = 0.318 mW/g

Bottom High CH11/Zoom Scan (7x7x9)/Cube 0:

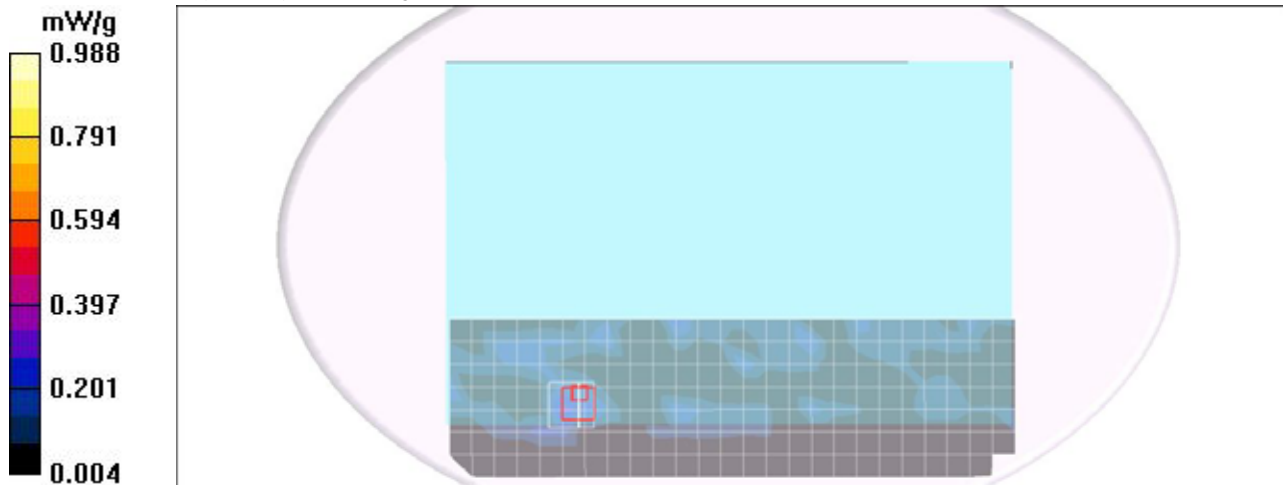
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 11.4 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.495 mW/g



Test Laboratory: Compliance Certification Services Inc.

80211n HT40 Bottom Flat - z580 - BCM943227HMB FCC

DUT: z580; Type: Notebook; Serial: n/a

Communication System: IEEE 802.11n WLAN HT40; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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 0.0012W/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) = 0.135 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 1.06 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

