

Test Laboratory: Compliance Certification Services Inc.

## 80211b Bottom Flat K080

DUT: K080; Type: K080; Serial: N/A

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  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 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- 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 (11x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.26 mW/g

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

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

Reference Value = 3.97 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 3.39 W/kg

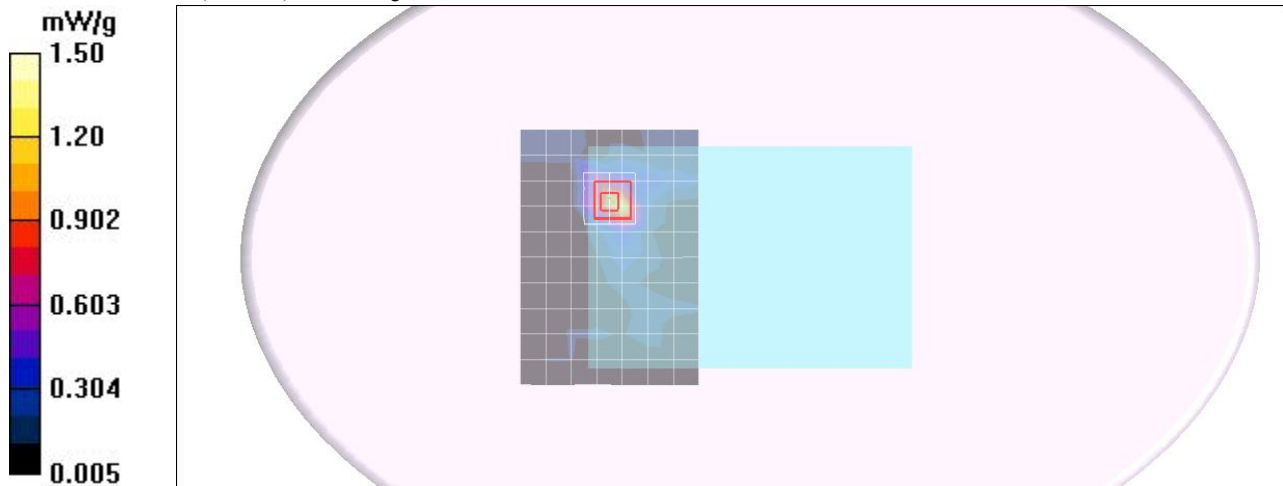
SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 1.90 mW/g

**Bottom Flat Low CH1/Z Scan (1x1x11):**

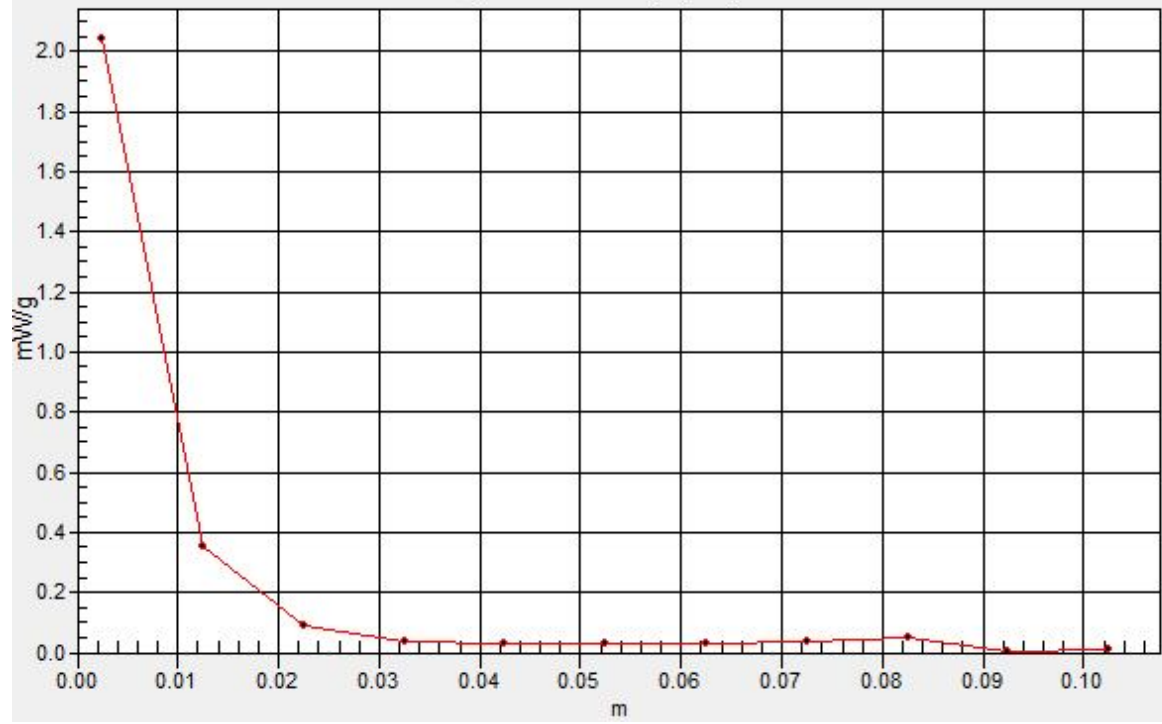
Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 2.04 mW/g



# SAR(x,y,z,f0)

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



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## 80211b Bottom Flat K080

**DUT: K080; Type: K080; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2442 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2442$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  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:

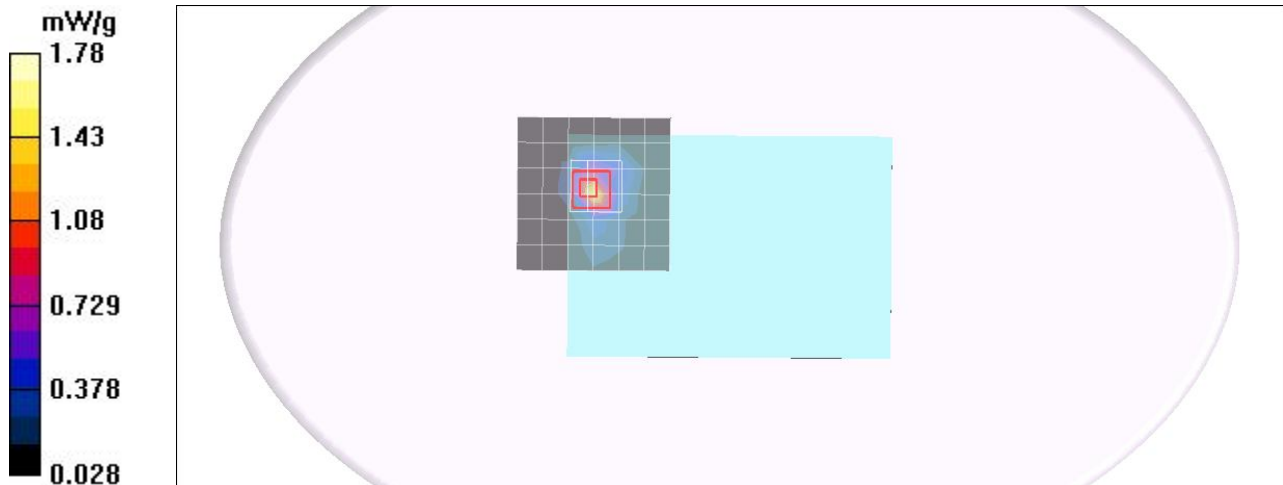
- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Bottom Flat Middle CH7/Area Scan (7x7x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.48 mW/g

### Bottom Flat Middle CH7/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.46 V/m; Power Drift = -0.075 dB  
Peak SAR (extrapolated) = 3.11 W/kg  
**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.461 mW/g**  
Maximum value of SAR (measured) = 1.78 mW/g



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## 80211b Bottom Flat K080

DUT: K080; Type: K080; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  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:

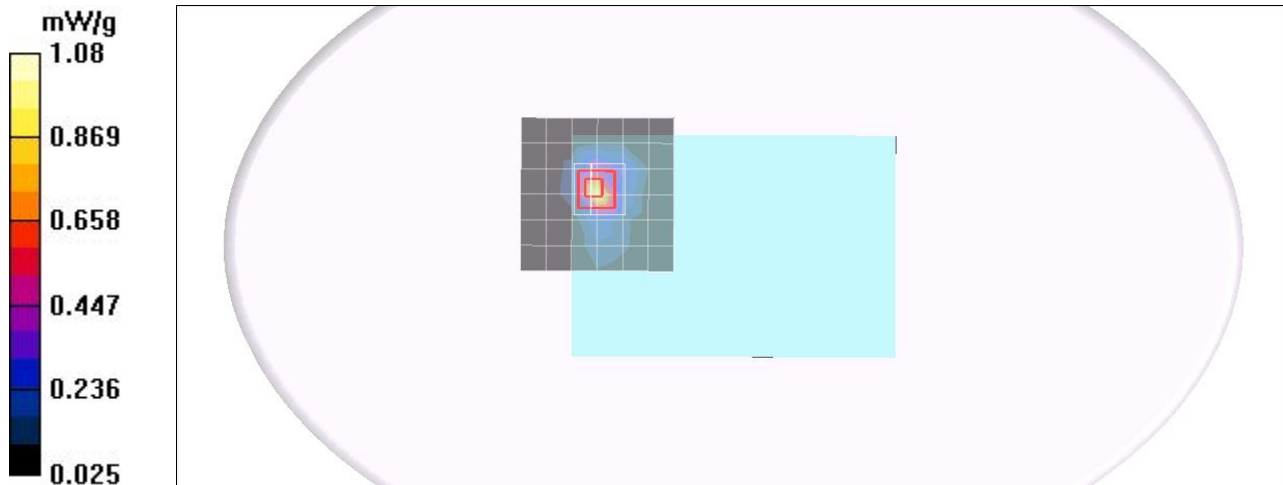
- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Bottom Flat High CH11/Area Scan (7x7x1):

Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.989 mW/g

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm  
Reference Value = 3.24 V/m; Power Drift = -0.123 dB  
Peak SAR (extrapolated) = 1.90 W/kg  
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.296 mW/g  
Maximum value of SAR (measured) = 1.08 mW/g



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## 80211b Top edge K080

**DUT: K080; Type: K080; Serial: N/A**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  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 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Top edge Low CH1/Area Scan (5x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.750 mW/g

**Top edge Low CH1/Zoom Scan (7x7x9)/Cube 0:**

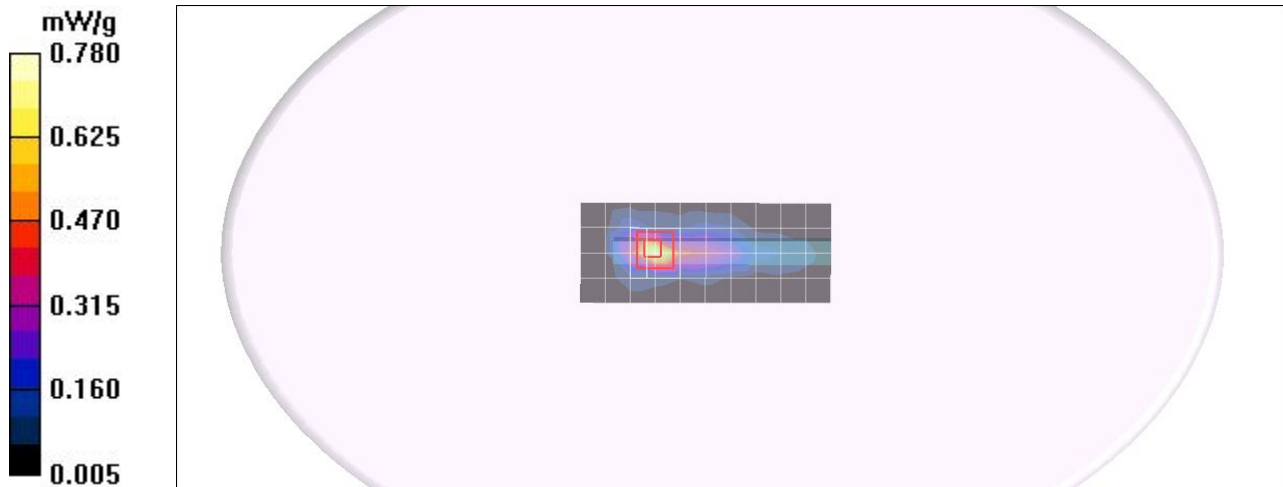
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.1 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.780 mW/g



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## 80211b Left edge K080

**DUT: K080; Type: K080; Serial: N/A**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  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 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2010/7/14
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left edge Low CH1/Area Scan (5x15x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.166 mW/g

**Left edge Low CH1/Zoom Scan (7x7x9)/Cube 0:**

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

Reference Value = 3.75 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.679 W/kg

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.218 mW/g

**Left edge Low CH1/Zoom Scan (7x7x9)/Cube 1:**

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

Reference Value = 3.75 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.195 mW/g

