

Test Laboratory: Compliance Certification Services  
 File Name: [Host #3 \(PCG-6B1L\)\\_080604.da4](#)

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**  
**Program Name: 2\_Host # 2 (PCG-6B1L)**  
**Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.089  
 Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 5.56$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**11a\_H-ch/Area Scan (15x11x1):** Measurement grid: dx=10mm, dy=10mm

**11a\_H-ch/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 4.72 V/m; Power Drift = -2 dB

Maximum value of SAR (measured) = 0.349 mW/g

Peak SAR (extrapolated) = 0.564 W/kg

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.060 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**11a\_H-ch/Zoom Scan (7x7x8)/Cube 1:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

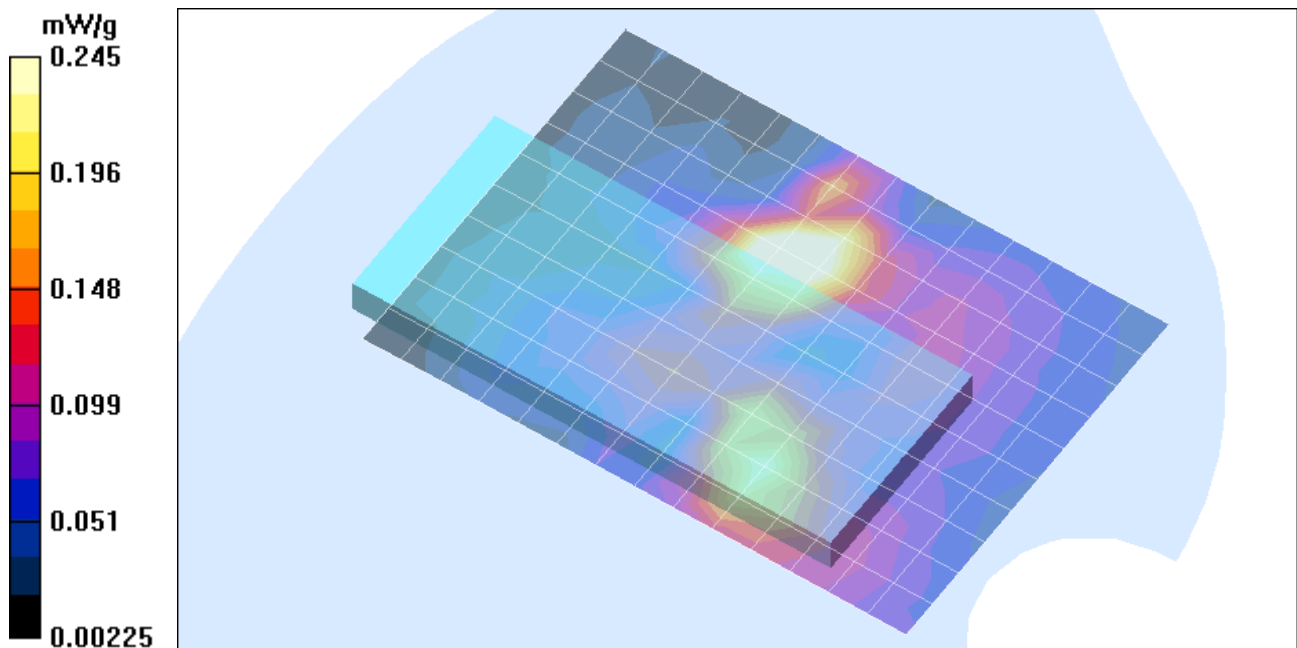
Reference Value = 4.72 V/m; Power Drift = -2 dB

Maximum value of SAR (measured) = 0.245 mW/g

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.052 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



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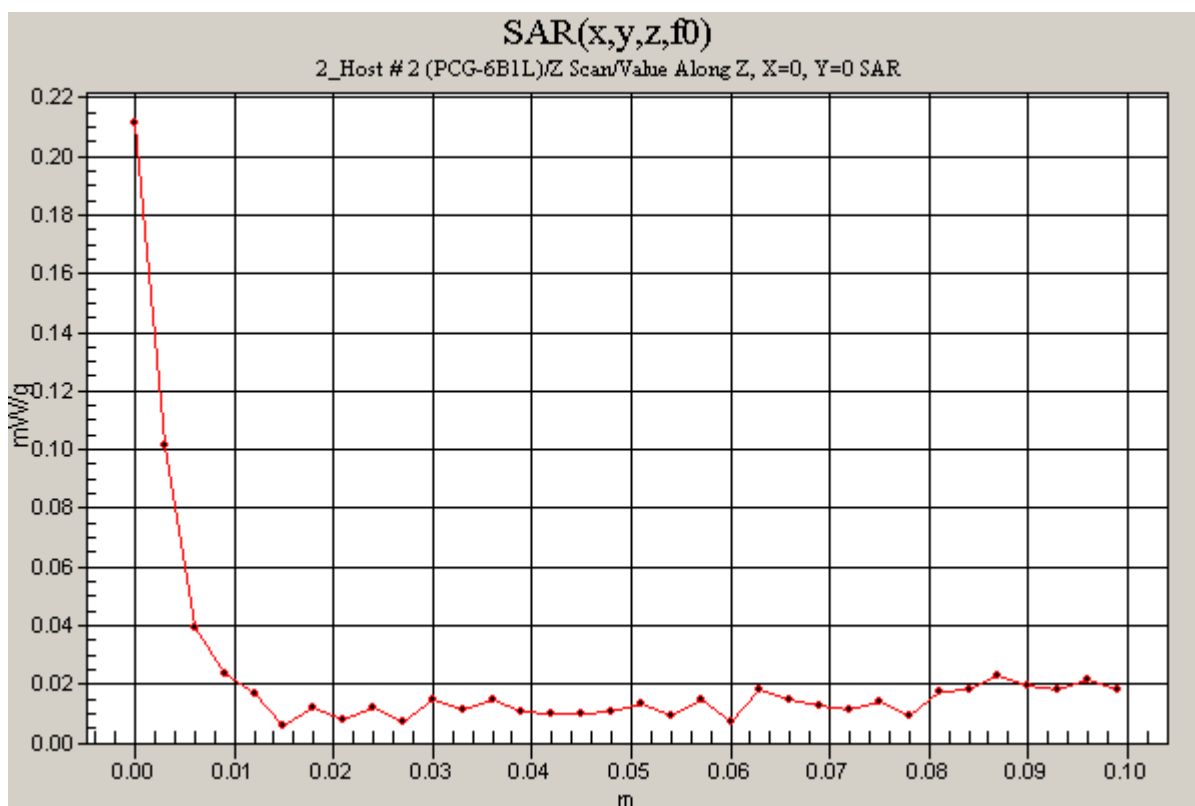
Phantom section: Flat Section

**11a\_H-ch/Z Scan (1x1x34):** Measurement grid: dx=20mm, dy=20mm, dz=3mm

Reference Value = 4.72 V/m; Power Drift = -2 dB

Maximum value of SAR (measured) = 0.212 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



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Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.16$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**11a\_L-ch(5745)/Area Scan (15x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.69 V/m; Power Drift = 2 dB

Maximum value of SAR (measured) = 0.426 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**11a\_L-ch(5745)/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

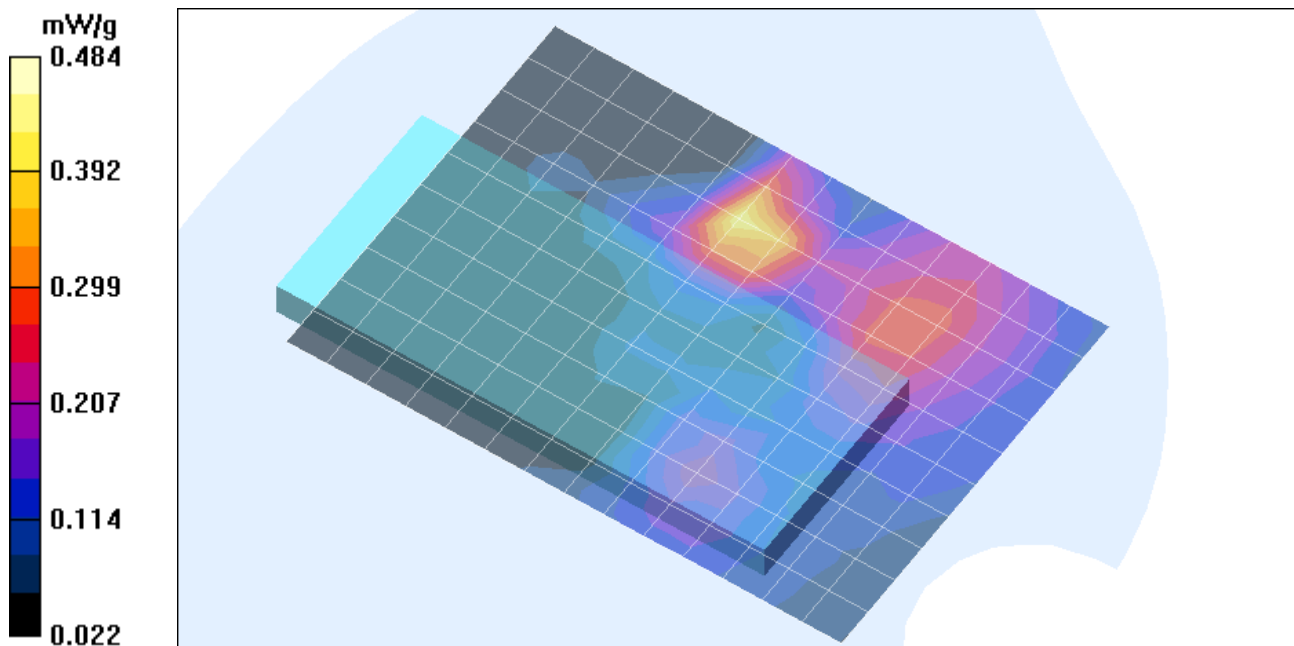
Reference Value = 2.69 V/m; Power Drift = 2 dB

Maximum value of SAR (measured) = 0.484 mW/g

Peak SAR (extrapolated) = 0.892 W/kg

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.108 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



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Phantom section: Flat Section

**11a\_H-ch/Z Scan (1x1x34):** Measurement grid: dx=20mm, dy=20mm, dz=3mm

Reference Value = 4.72 V/m; Power Drift = -2 dB

Maximum value of SAR (measured) = 0.212 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

