

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/m³

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

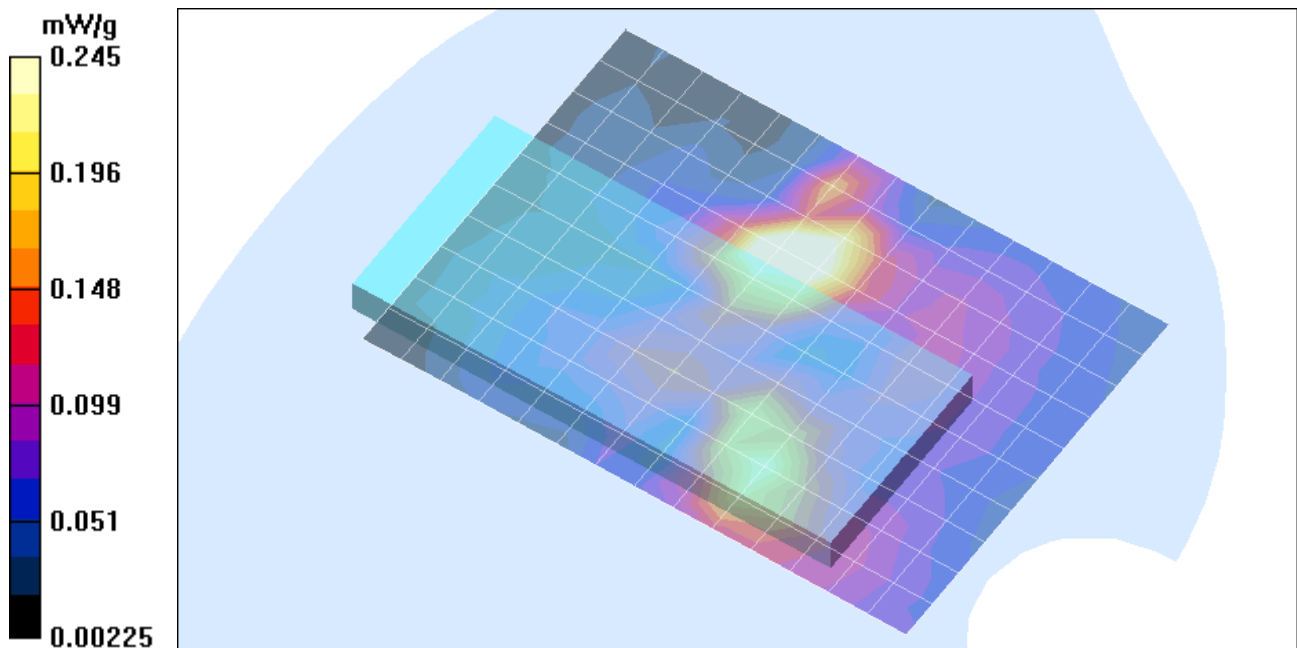
Reference Value = 4.72 V/m; Power Drift = -2 dB

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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Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.56$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³

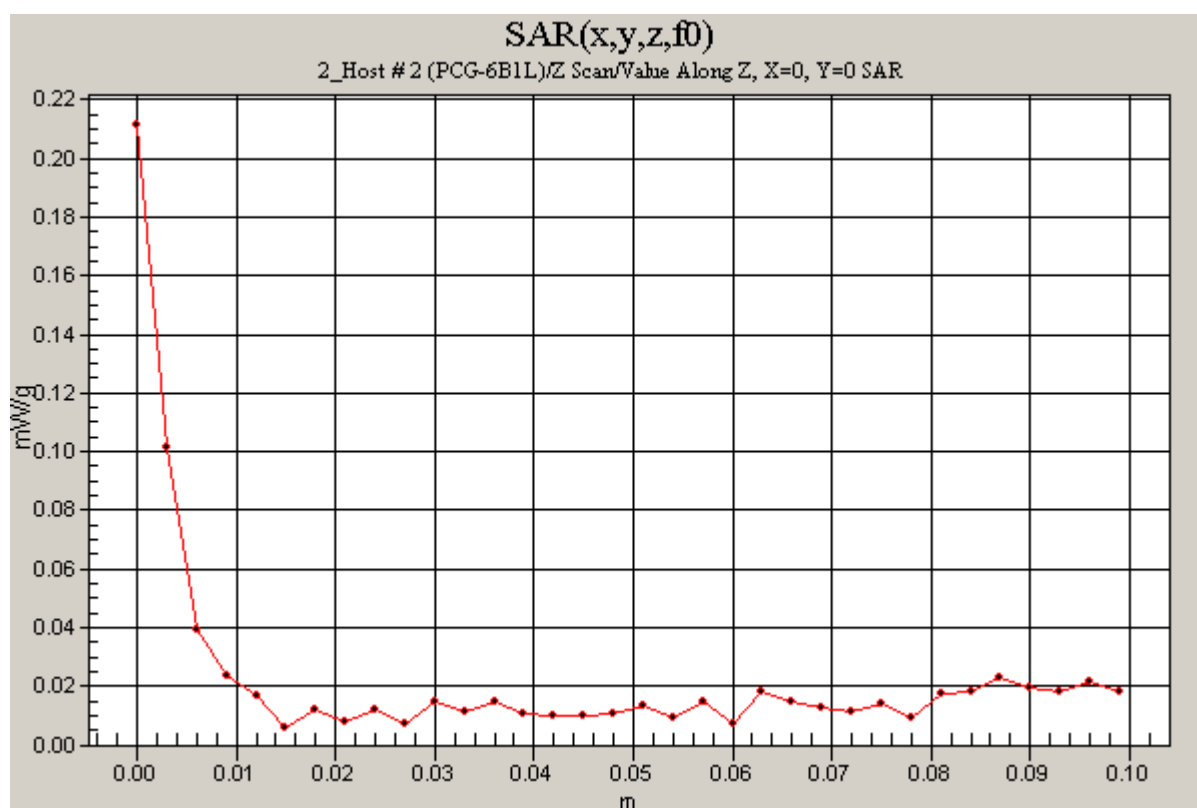
Phantom section: Flat Section

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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Program Name: 2_Host # 2 (PCG-6B1L)

Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

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/m³

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

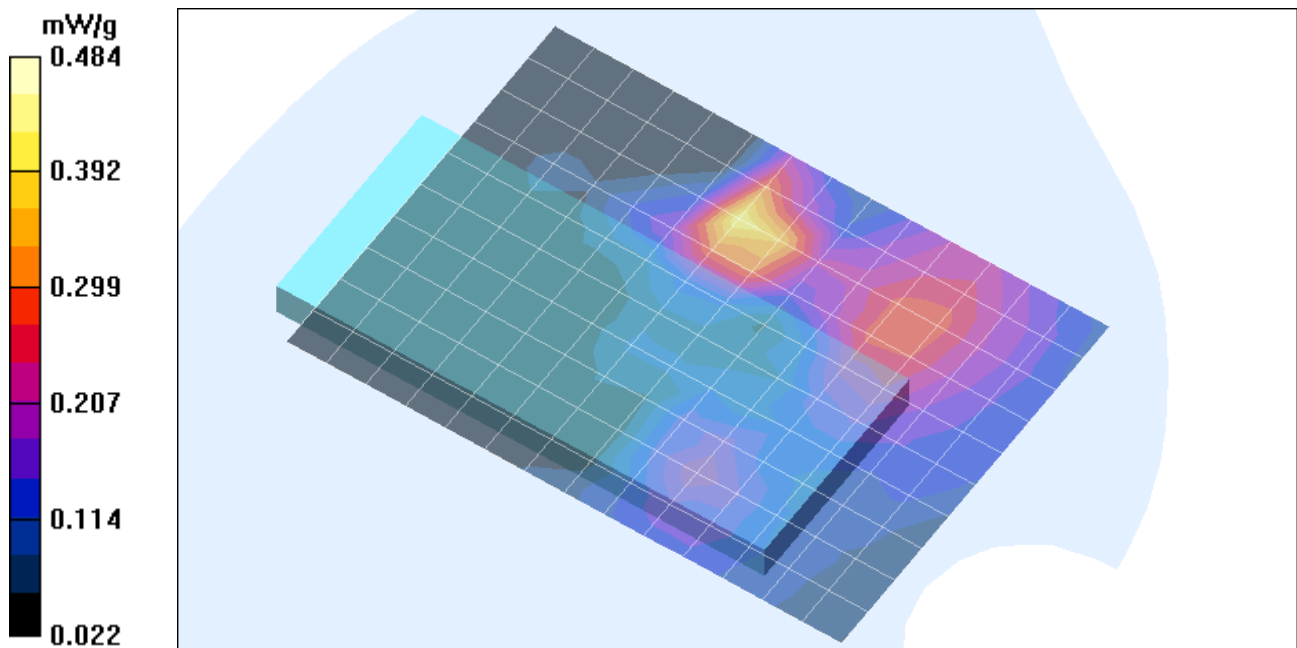
Reference Value = 2.69 V/m; Power Drift = 2 dB

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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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/m³

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!](#)

