

Test Laboratory: Compliance Certification Services

File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ 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_L-ch/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 4.31 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.228 mW/g

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.042 mW/g

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

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

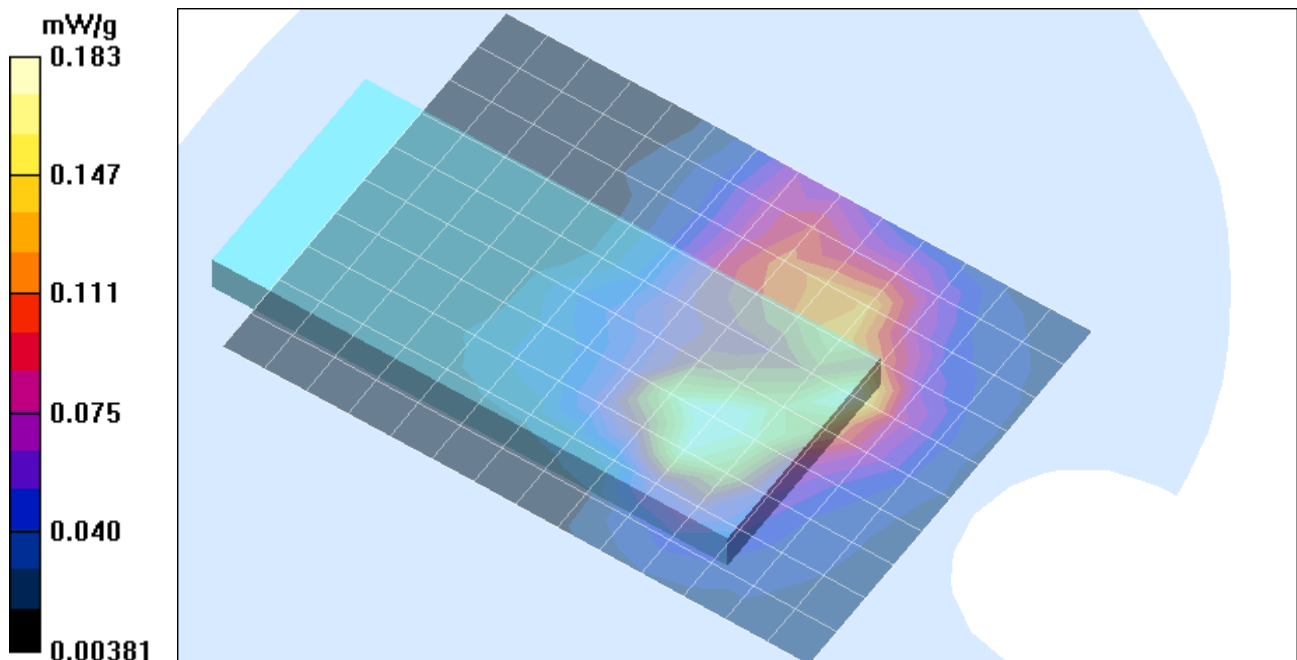
Reference Value = 4.31 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.183 mW/g

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.038 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [Host # 1 \(PCG-5312\)_080404.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.51$ mho/m; $\epsilon_r = 48.9$; $\rho = 1000$ 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_M-ch/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

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

Reference Value = 6.36 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.481 mW/g

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.096 mW/g

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

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

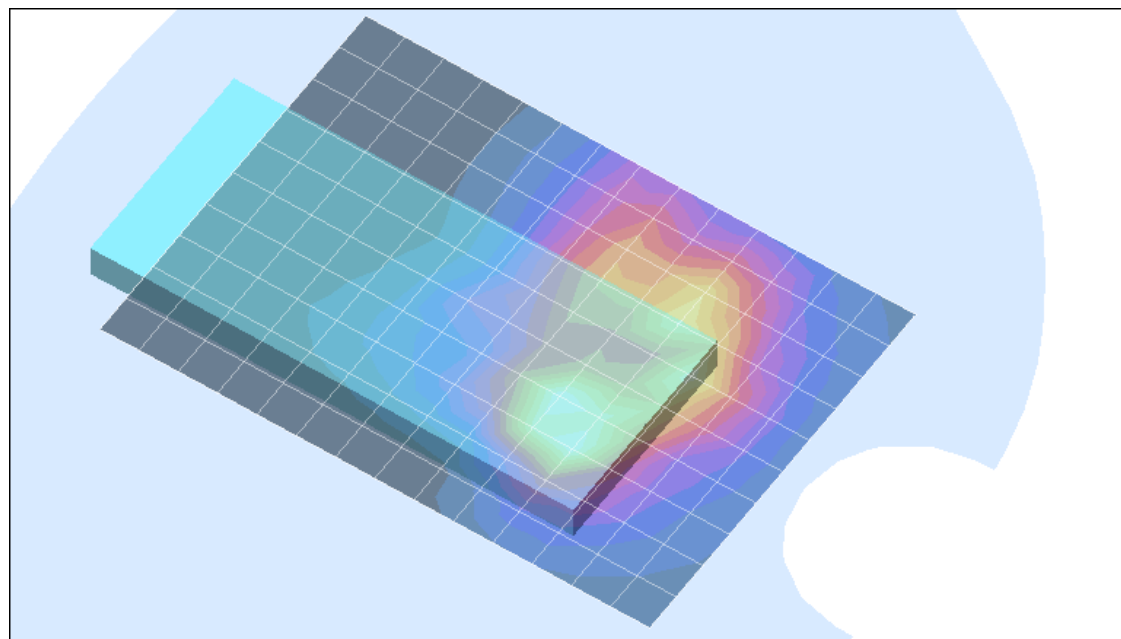
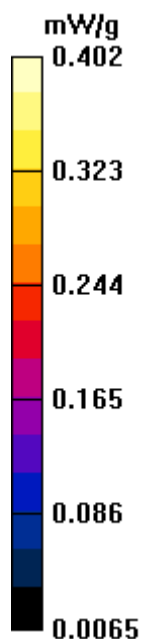
Reference Value = 6.36 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.378 mW/g

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.081 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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; $\sigma = 5.58$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ 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 = 6.25 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.608 mW/g

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.115 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

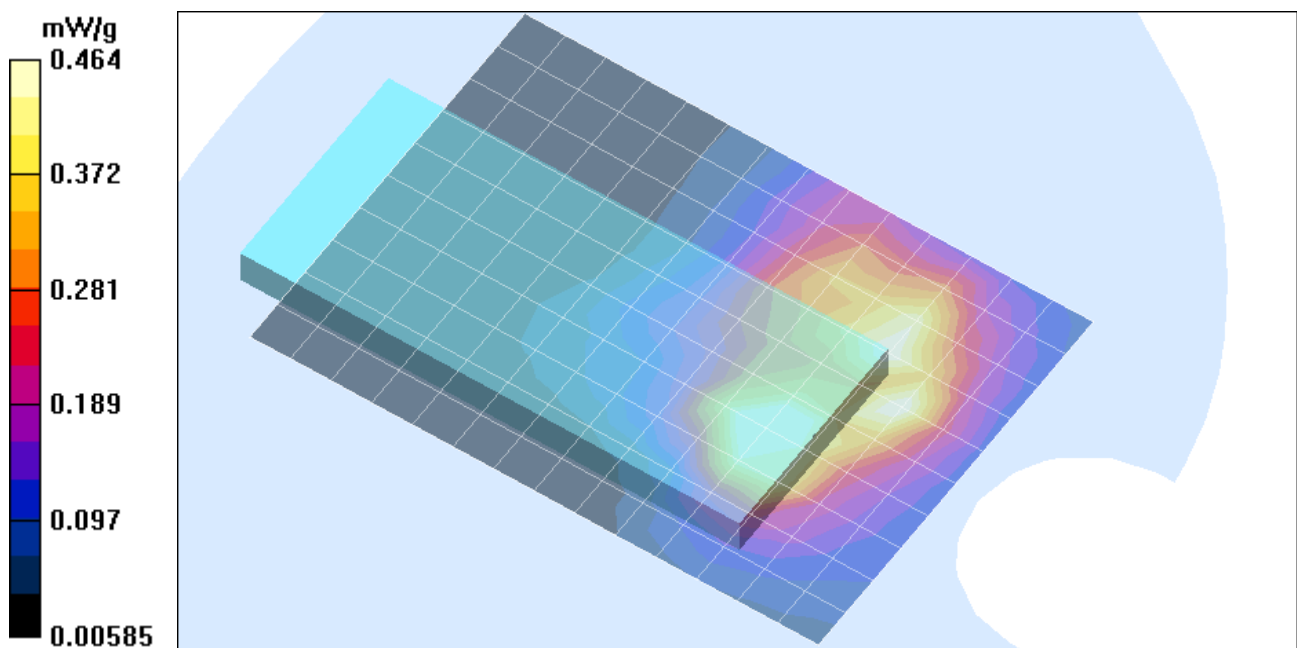
Reference Value = 6.25 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.464 mW/g

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.095 mW/g

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



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File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.58$ mho/m; $\epsilon_r = 48.3$; $\rho = 1000$ kg/m³

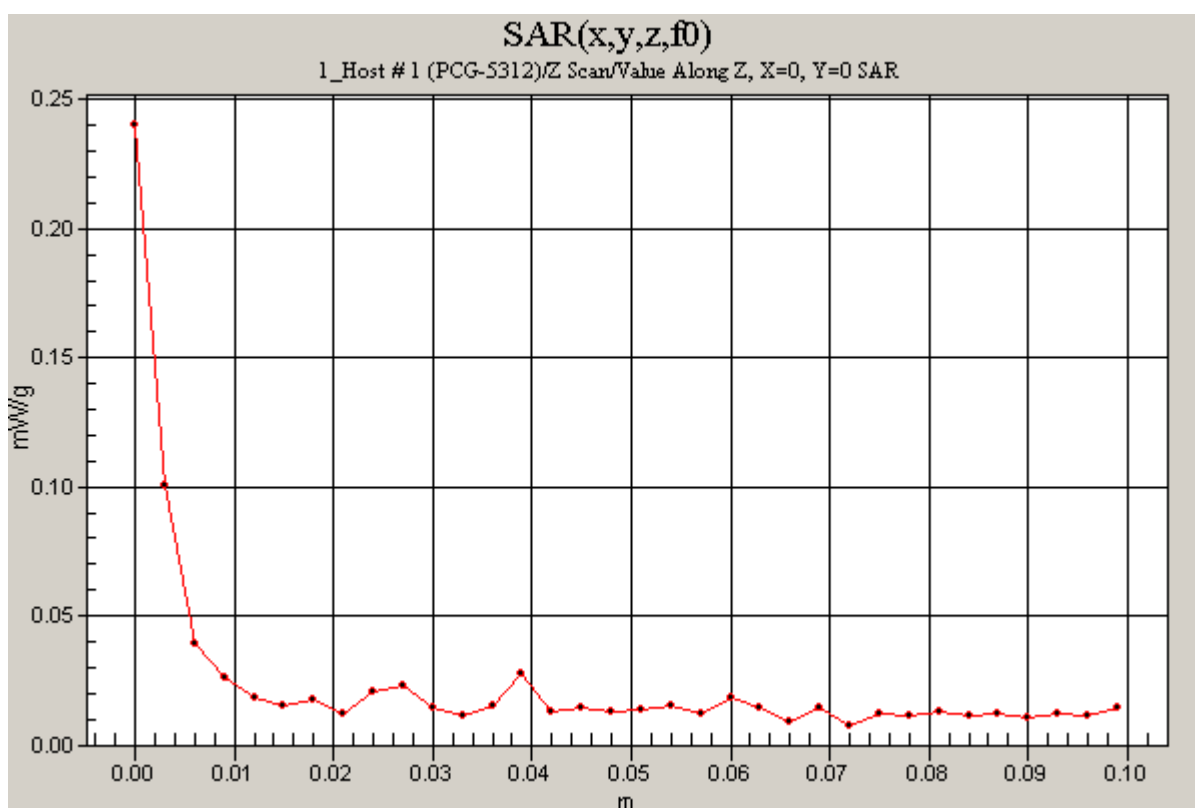
Phantom section: Flat Section

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

Reference Value = 6.25 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.241 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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; $\sigma = 6.17$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ 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

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

Reference Value = 6.38 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.856 mW/g

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.155 mW/g

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

11a_L-ch(5745)/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

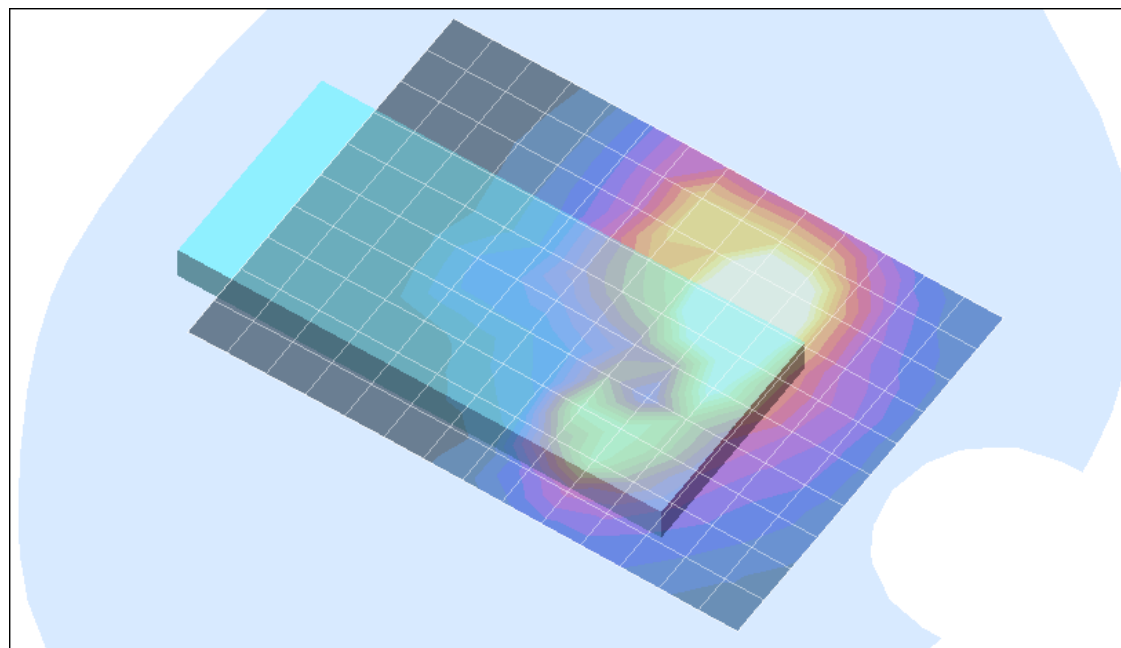
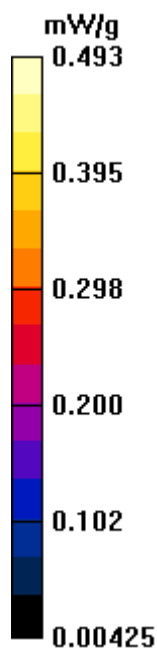
Reference Value = 6.38 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.493 mW/g

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.095 mW/g

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



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File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

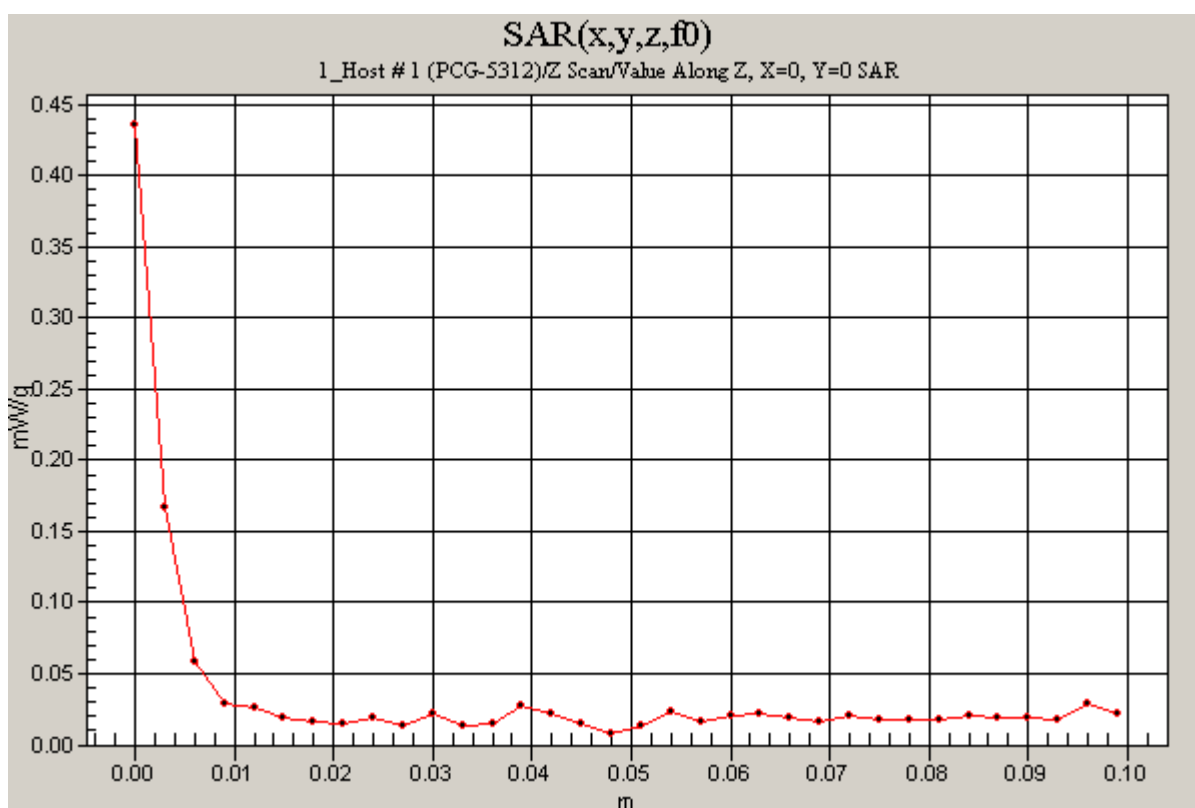
Phantom section: Flat Section

11a_L-ch(5745)/Z Scan (1x1x34): Measurement grid: dx=20mm, dy=20mm, dz=3mm

Reference Value = 6.38 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.436 mW/g

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



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File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.22$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ 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_M-ch(5785)/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

11a_M-ch(5785)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

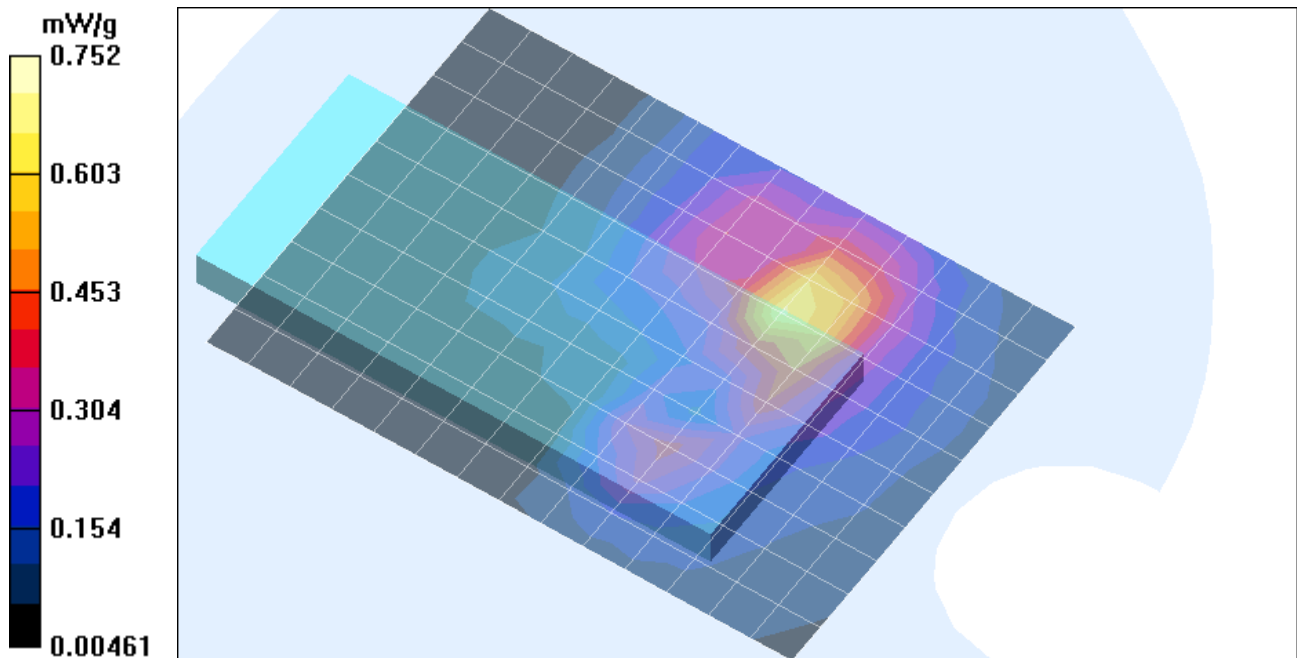
Reference Value = 5.42 V/m; Power Drift = 0.3 dB

Maximum value of SAR (measured) = 0.752 mW/g

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.139 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [Host # 1 \(PCG-5312\)_080504.da4](#)

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Program Name: 1_Host # 1 (PCG-5312)

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

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.089

Medium parameters used (interpolated): $f = 5805$ MHz; $\sigma = 6.29$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ 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_H-ch(5805)/Area Scan (15x11x1): Measurement grid: dx=10mm, dy=10mm

11a_H-ch(5805)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.32 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.647 mW/g

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.122 mW/g

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

11a_H-ch(5805)/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 5.32 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.410 mW/g

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.079 mW/g

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

