

Test Laboratory: Compliance Certification Services

Host # 1 (PCG-5312)_092204

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Phantom section: Flat Section

Frequency: 2412 MHz; Duty Cycle: 1:1.06

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11b-11Mbps/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.43 mW/g

11b-11Mbps/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.614 mW/g

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

Maximum value of SAR (measured) = 1.68 mW/g

11b-11Mbps/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

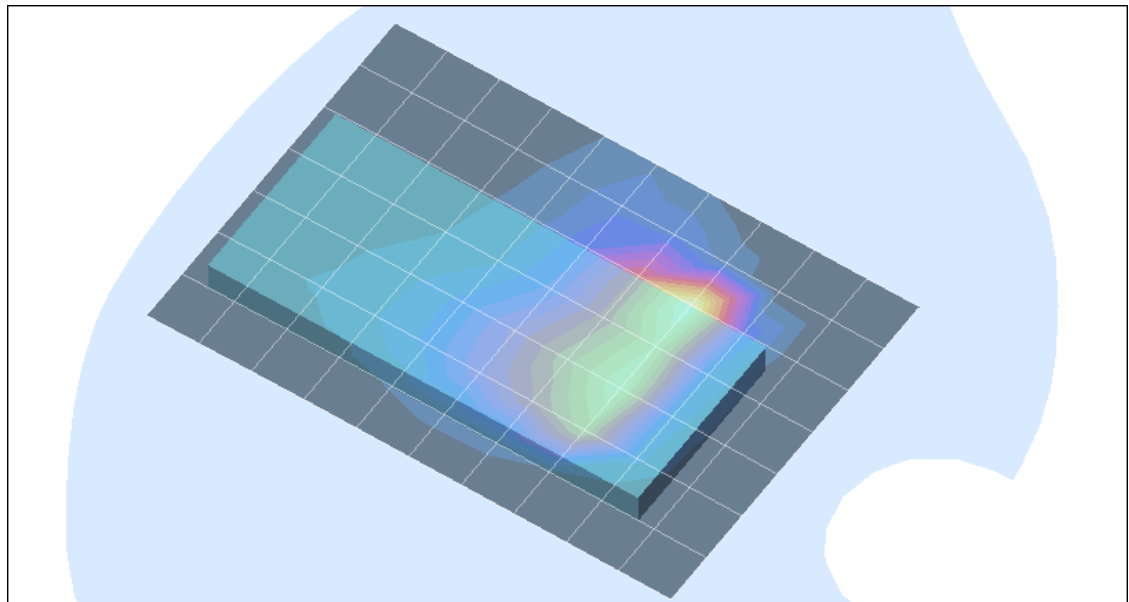
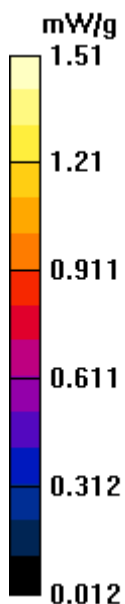
Reference Value = 21.5 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.599 mW/g

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

Maximum value of SAR (measured) = 1.51 mW/g



Test Laboratory: Compliance Certification Services

Host # 1 (PCG-5312)_092204

DUT: Airgo; Type: AGN1023PC; Serial: 6862

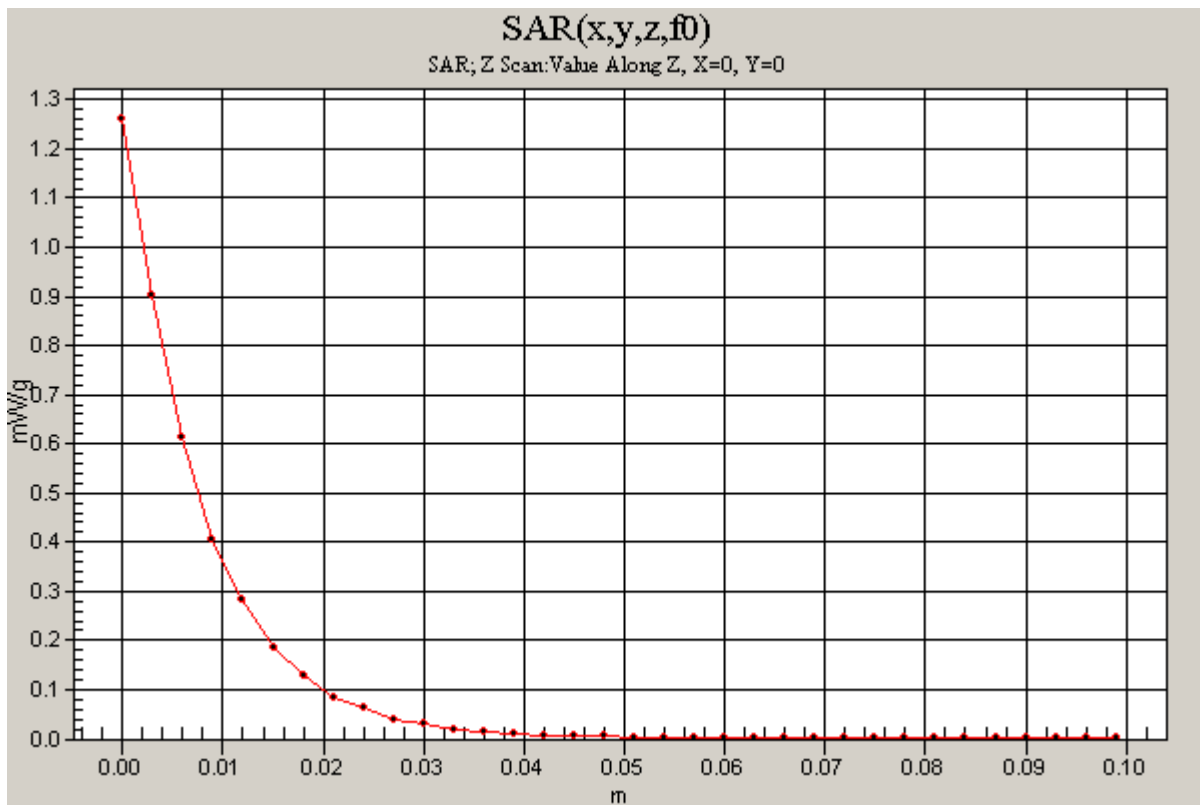
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

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

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

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



Test Laboratory: Compliance Certification Services

Host # 1 (PCG-5312)_092204

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Phantom section: Flat Section

Frequency: 2412 MHz; Duty Cycle: 1:1.17

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 25.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11g_54Mbps/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.01 mW/g

11g_54Mbps/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.383 mW/g

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

Maximum value of SAR (measured) = 1.02 mW/g

11g_54Mbps/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

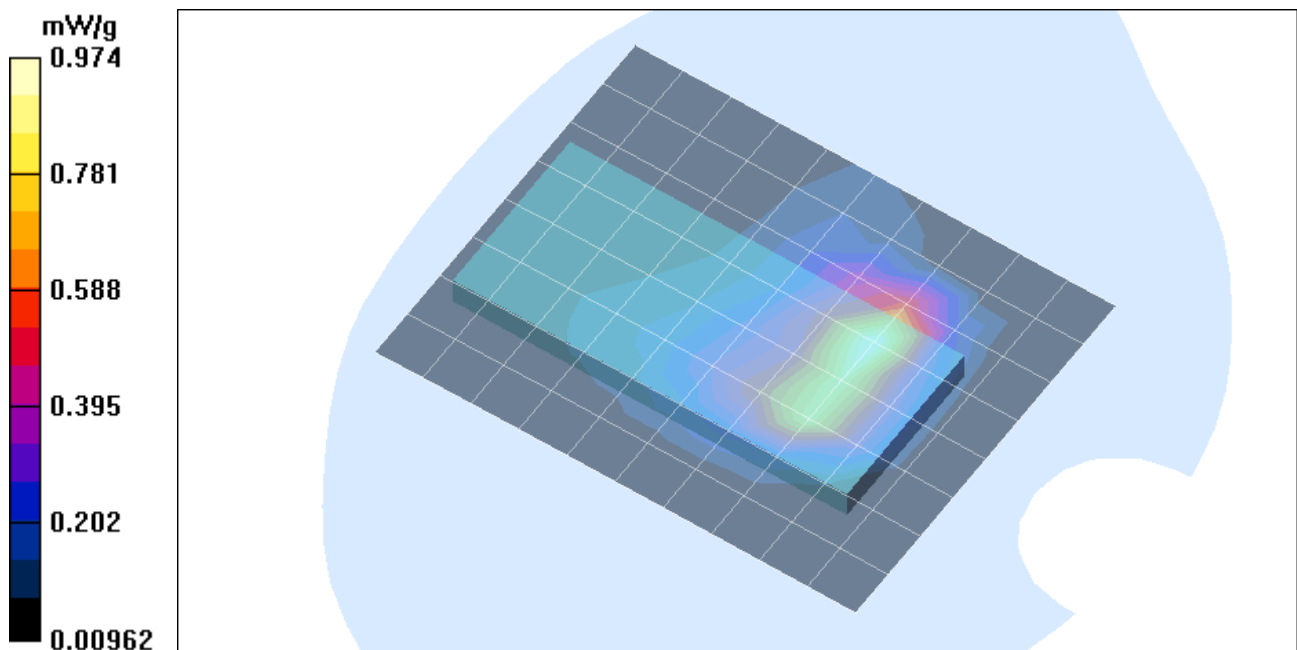
Reference Value = 15.7 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.379 mW/g

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

Maximum value of SAR (measured) = 0.974 mW/g



Test Laboratory: Compliance Certification Services

Host # 1 (PCG-5312)_092204

DUT: Airgo; Type: AGN1023PC; Serial: 6862

Phantom section: Flat Section

Frequency: 2412 MHz; Duty Cycle: 1:1.17

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Measurement Standard: DAS4 (High Precision Assessment)

- **Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C**
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB (58.35%)
- Probe: EX3DV3 - SN3531; ConvF(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DAS4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

11g_108Mbps/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.844 mW/g

11g_108Mbps/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.315 mW/g

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

Maximum value of SAR (measured) = 0.831 mW/g

11g_108Mbps/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.316 mW/g

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

Maximum value of SAR (measured) = 0.801 mW/g

