

Test Laboratory: Compliance Certification Services

**Host # 1 (PCG-5312)\_092204**

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**

Phantom section: Flat Section

Frequency: 5320 MHz; Duty Cycle: 1:1.15

Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 5.59$  mho/m;  $\epsilon_r = 49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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(4.83, 4.83, 4.83);
- Sensor-Surface: 2mm (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

**11a\_36Mbps/Area Scan (13x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.242 mW/g

**11a\_36Mbps/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

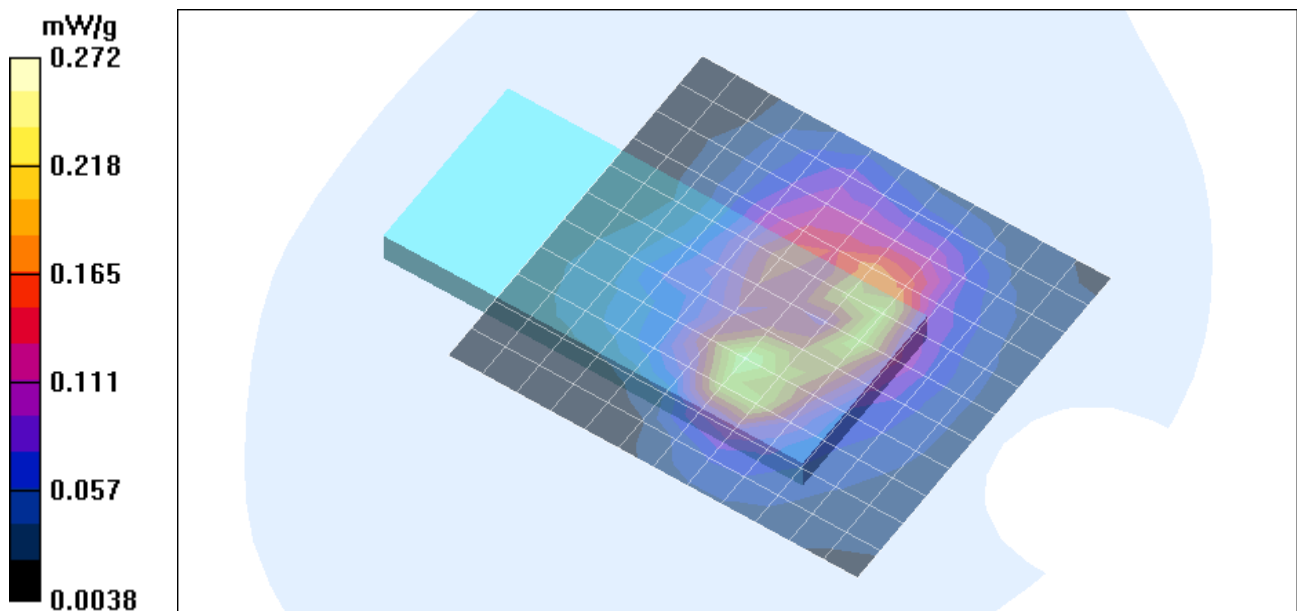
Reference Value = 5.24 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.062 mW/g**

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

Maximum value of SAR (measured) = 0.272 mW/g



Test Laboratory: Compliance Certification Services

**Host # 1 (PCG-5312)\_092204**

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**

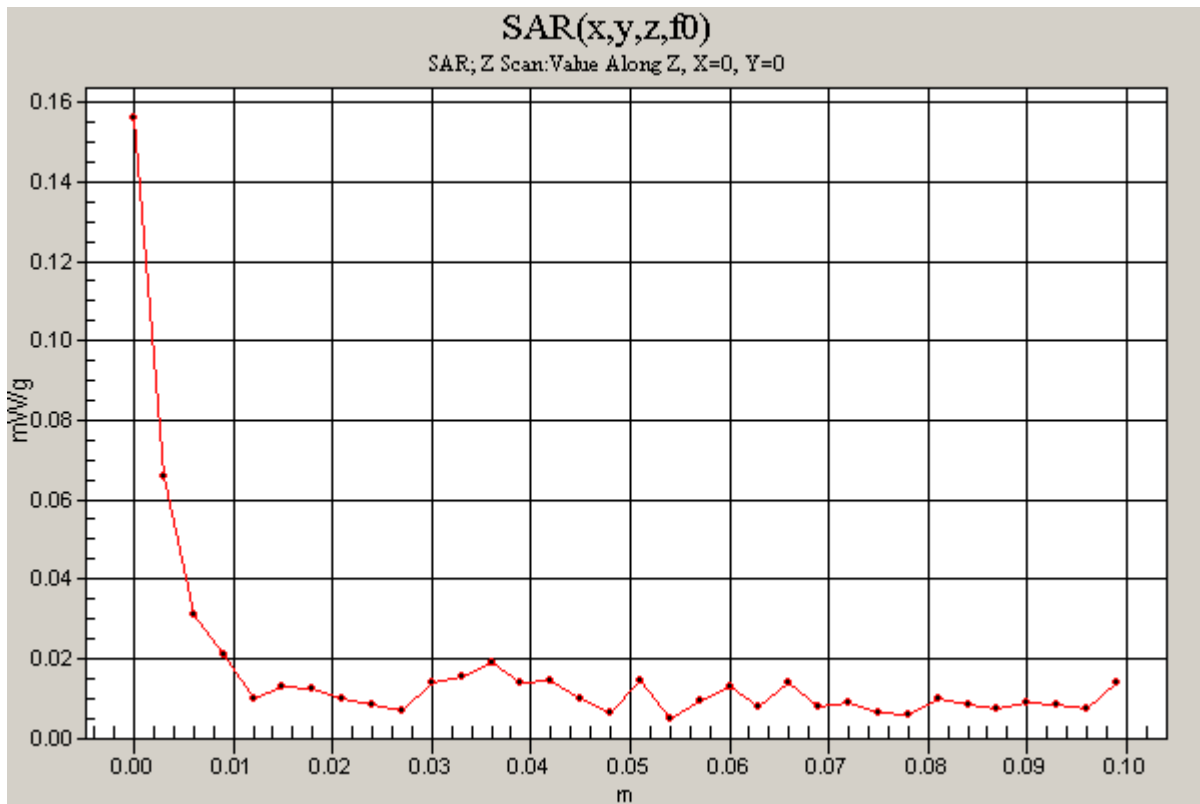
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

**11a\_36Mbps/Z Scan (1x1x34):** Measurement grid: dx=20mm, dy=20mm, dz=3mm

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

Maximum value of SAR (measured) = 0.156 mW/g



Test Laboratory: Compliance Certification Services

**Host # 1 (PCG-5312)\_092204**

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**

Phantom section: Flat Section

Frequency: 5320 MHz; Duty Cycle: 1:1.15

Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 5.59$  mho/m;  $\epsilon_r = 49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

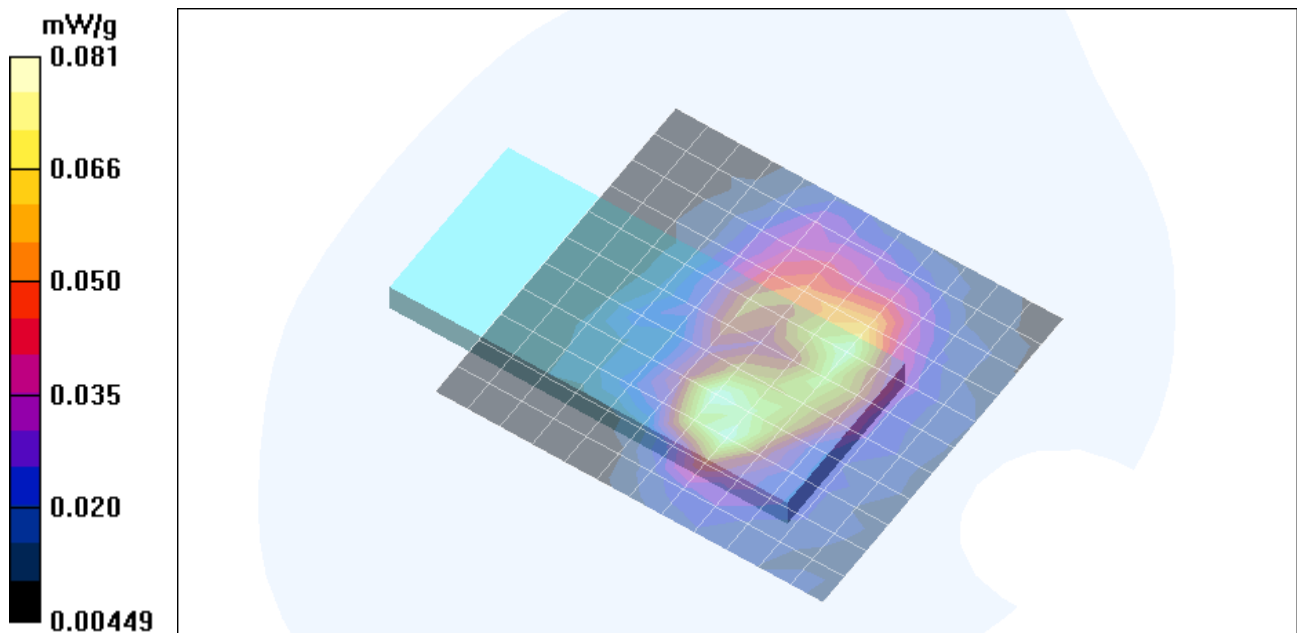
Measurement Standard: DAS4 (High Precision Assessment)

- **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(4.83, 4.83, 4.83);
- Sensor-Surface: 2mm (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

**11a\_108Mbps/Area Scan (13x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.081 mW/g



Test Laboratory: Compliance Certification Services

**Host # 1 (PCG-5312)\_092204**

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**

Phantom section: Flat Section

Frequency: 5745 MHz; Duty Cycle: 1:1.15

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.19$  mho/m;  $\epsilon_r = 48.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

**5745MHz\_36Mbps/Area Scan (13x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.132 mW/g

**5745MHz\_36Mbps/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

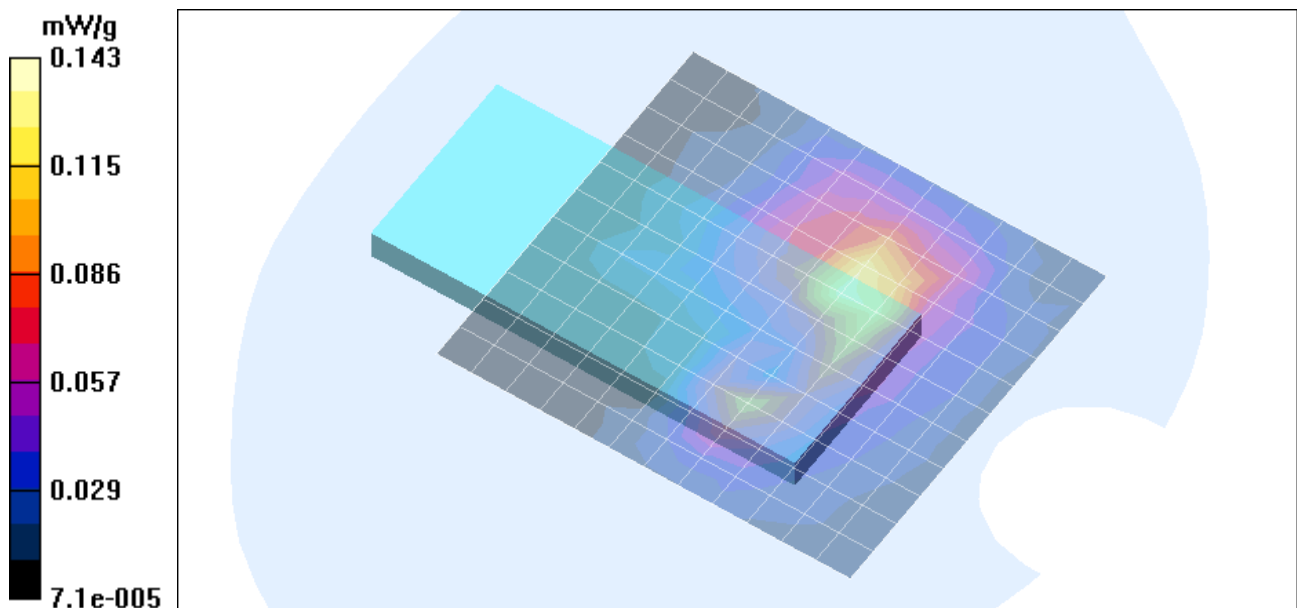
Reference Value = 2.91 V/m; Power Drift = 0.2 dB

Peak SAR (extrapolated) = 0.96 W/kg

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.036 mW/g**

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

Maximum value of SAR (measured) = 0.143 mW/g



Test Laboratory: Compliance Certification Services

**Host # 1 (PCG-5312)\_092204**

**DUT: Airgo; Type: AGN1023PC; Serial: 6862**

Phantom section: Flat Section

Frequency: 5745 MHz; Duty Cycle: 1:1.15

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 6.19$  mho/m;  $\epsilon_r = 48.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (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

**5745MHz\_108Mbps/Area Scan (13x12x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.090 mW/g

